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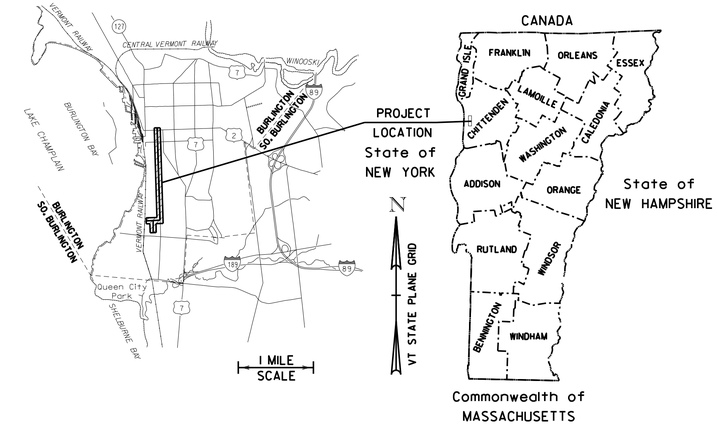
PRELIMINARY PLANS
FEBRUARY 17, 2016

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
CITY OF BURLINGTON
COUNTY OF CHITTENDEN
CHAMPLAIN PARKWAY SECTION C/6
(PRINCIPAL ARTERIAL)

BEGINNING AT A POINT ON THE CHAMPLAIN PARKWAY
APPROXIMATELY 0.985 MILE NORTH OF THE BURLINGTON - SOUTH BURLINGTON CITY
LINE AND EXTENDING NORTHERLY 1.284 MILES.

LENGTH OF ROADWAY 6780.00 FEET = 1.284 MILES
LENGTH OF PROJECT 6780.00 FEET = 1.284 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES GRADING, SUBBASE, PAVEMENT, CURBING AND DRAINAGE FOR A NEW URBAN HIGHWAY. WORK ALSO INCLUDES REHABILITATION OF AN EXISTING ALIGNMENT, CURBING, LIMITED DRAINAGE IMPROVEMENTS, SIDEWALK AND SHARED-USE PATH CONSTRUCTION, AND TRAFFIC SIGNAL INSTALLATION. WORK ALSO INCLUDES COLD PLANING AND PAVING OF PINE STREET AND APPROACHES AND OTHER HIGHWAY-RELATED ITEMS.

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	T.B.D.
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SUBSECTION 490.03(b)

END SECTION C/1
BEGIN SECTION C/2
STA 182+00.00

CHAMPLAIN PARKWAY STA 186+00.52 =
CHAMPLAIN PARKWAY STA 186+69.94

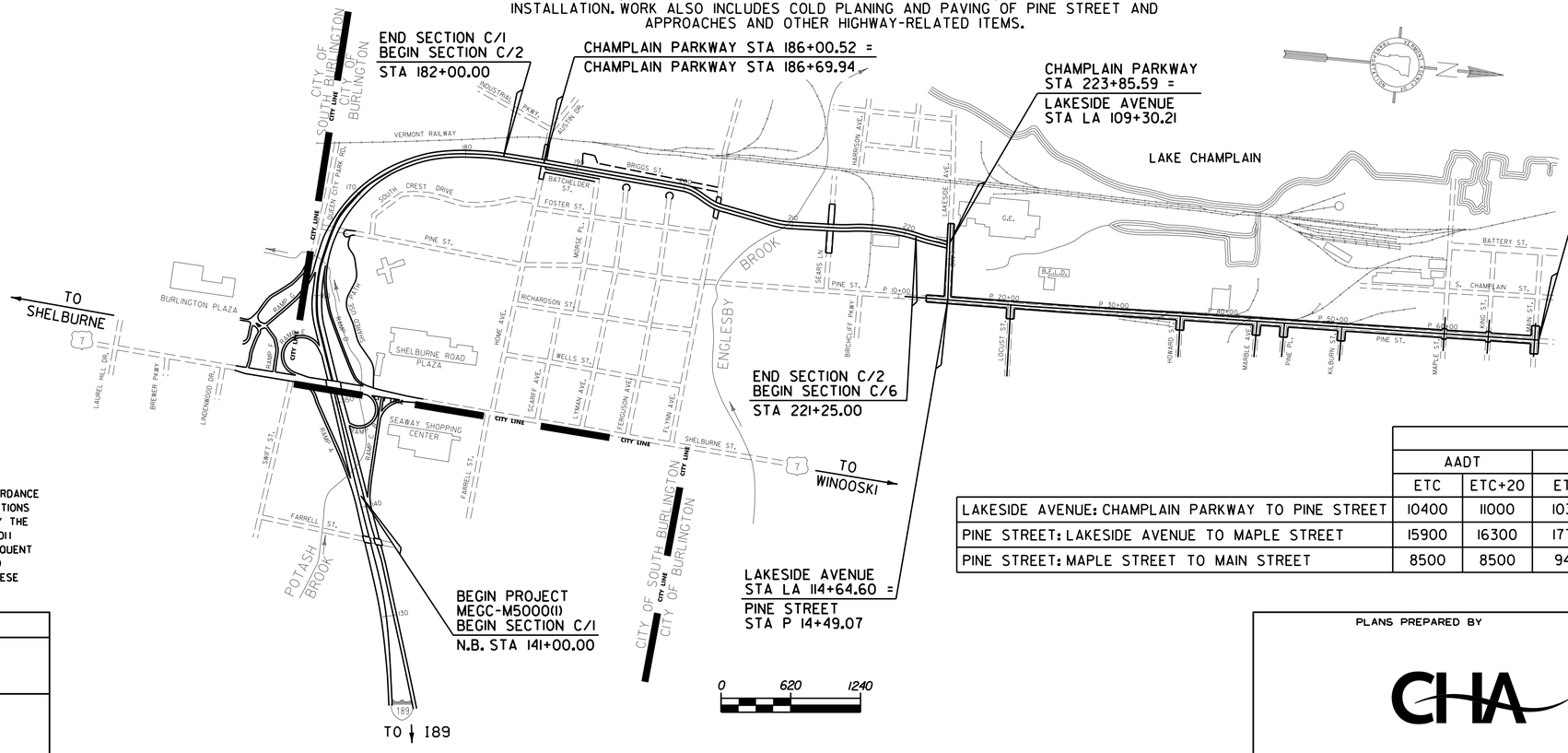
CHAMPLAIN PARKWAY
STA 223+85.59 =
LAKESIDE AVENUE
STA LA 109+30.21

END SECTION C/6
END PROJECT
MEGC-M5000(1)
STA P 68+60.00

END SECTION C/2
BEGIN SECTION C/6
STA 221+25.00

LAKESIDE AVENUE
STA LA 114+64.60 =
PINE STREET
STA P 14+49.07

BEGIN PROJECT
MEGC-M5000(1)
BEGIN SECTION C/1
N.B. STA 141+00.00



TRAFFIC DATA								
	AADT		DHV		%T		%D	
	ETC	ETC+20	ETC	ETC+20	ETC	ETC+20	ETC	ETC+20
LAKESIDE AVENUE: CHAMPLAIN PARKWAY TO PINE STREET	10400	11000	1035	1090	2	2	61	57
PINE STREET: LAKESIDE AVENUE TO MAPLE STREET	15900	16300	1775	1800	2	2	60	59
PINE STREET: MAPLE STREET TO MAIN STREET	8500	8500	945	945	2	2	54	54

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

QUALITY ASSURANCE PROGRAM : LEVEL 1

SURVEYED BY : VSE
SURVEYED DATE : 2013

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83(1996)

PLANS PREPARED BY
CHA

DIRECTOR OF PROJECT DELIVERY
APPROVED _____ DATE _____

PROJECT MANAGER : WAYNE DAVIS

PROJECT NAME : CHAMPLAIN PARKWAY

PROJECT NUMBER : MEGC - M5000(1) C/6
SHEET 1 OF 339 SHEETS

FILE NAME =U:\8659\870878\Consultants\x87d878title.c6.dgn
DATE/TIME =2/17/2016
USER =4916

GENERAL INFORMATION

SYMBOLOGY LEGEND NOTE

THE SYMBOLOGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLOGY. THE SYMBOLOGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLOGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

R.O.W. ABBREVIATIONS (CODES) & SYMBOLS

POINT	CODE	DESCRIPTION
	CH	CHANNEL EASEMENT
	CONST	CONSTRUCTION EASEMENT
	CUL	CULVERT EASEMENT
	D&C	DISCONNECT & CONNECT
	DIT	DITCH EASEMENT
	DR	DRAINAGE EASEMENT
	DRIVE	DRIVEWAY EASEMENT
	EC	EROSION CONTROL
	HWY	HIGHWAY EASEMENT
	I&M	INSTALL & MAINTAIN EASEMENT
	LAND	LANDSCAPE EASEMENT
	R&RES	REMOVE & RESET
	R&REP	REMOVE & REPLACE
	SR	SLOPE RIGHT
	UE	UTILITY EASEMENT
	(P)	PERMANENT EASEMENT
	(T)	TEMPORARY EASEMENT
■	BNDNS	BOUND SET
⊡	BNDNS	BOUND TO BE SET
●	IPNS	IRON PIN SET
◎	IPNS	IRON PIN TO BE SET
⊠	CALC	EXISTING ROW POINT
○	PROW	PROPOSED ROW POINT
[LENGTH]		LENGTH CARRIED ON NEXT SHEET

COMMON TOPOGRAPHIC POINT SYMBOLS

POINT	CODE	DESCRIPTION
	APL	BOUND APPARENT LOCATION
	BM	BENCHMARK
	BND	BOUND
	CB	CATCH BASIN
	COMB	COMBINATION POLE
	DITHR	DROP INLET THROATED DNC
	EL	ELECTRIC POWER POLE
	FPOLE	FLAGPOLE
	GASFIL	GAS FILLER
	GP	GUIDE POST
	GSO	GAS SHUT OFF
	GUY	GUY POLE
	GUYW	GUY WIRE
	GV	GATE VALUE
	H	TREE HARDWOOD
	HCTRL	CONTROL HORIZONTAL
	HVCTRL	CONTROL HORIZ. & VERTICAL
	HYD	HYDRANT
	IP	IRON PIN
	IPIPE	IRON PIPE
	LI	LIGHT - STREET OR YARD
	MB	MAILBOX
	MH	MANHOLE (MH)
	MM	MILE MARKER
	PM	PARKING METER
	PMK	PROJECT MARKER
	POST	POST STONE/WOOD
	RRSIG	RAILROAD SIGNAL
	RRSL	RAILROAD SWITCH LEVER
	S	TREE SOFTWOOD
	SAT	SATELLITE DISH
	SHRUB	SHRUB
	SIGN	SIGN
	STUMP	STUMP
	TEL	TELEPHONE POLE
	TIE	TIE
	TSIGN	SIGN W/DOUBLE POST
	VCTRL	CONTROL VERTICAL
	WELL	WELL
	WSO	WATER SHUT OFF

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPOSED GEOMETRY CODES

CODE	DESCRIPTION
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
CC	CENTER OF CURVE
PT	POINT OF TANGENCY
PCC	POINT OF COMPOUND CURVE
PRC	POINT OF REVERSE CURVE
POB	POINT OF BEGINNING
POE	POINT OF ENDING
STA	STATION PREFIX
AH	AHEAD STATION SUFFIX
BK	BACK STATION SUFFIX
D	CURVE DEGREE OF (100FT)
R	CURVE RADUIS OF
T	CURVE TANGENT LENGTH
L	CURVE LENGTH OF
E	CURVE EXTERNAL DISTANCE

UTILITY SYMBOLOGY

UNDERGROUND UTILITIES

UGU	UTILITY (GENERIC-UNKNOWN)
UT	TELEPHONE
UE	ELECTRIC
UC	CABLE (TV)
UEC	ELECTRIC+CABLE
UET	ELECTRIC+TELEPHONE
UCT	CABLE+TELEPHONE
UECT	ELECTRIC+CABLE+TELEP.
G	GAS LINE
W	WATER LINE
S	SANITARY SEWER (SEPTIC)

ABOVE GROUND UTILITIES (AERIAL)

AGU	UTILITY (GENERIC-UNKNOWN)
T	TELEPHONE
E	ELECTRIC
C	CABLE (TV)
EC	ELECTRIC+CABLE
ET	ELECTRIC+TELEPHONE
AER E&T	ELECTRIC+TELEPHONE
CT	CABLE+TELEPHONE
ECT	ELECTRIC+CABLE+TELEP.
	UTILITY POLE GUY WIRE

PROJECT CONSTRUCTION SYMBOLOGY

PROJECT DESIGN & LAYOUT SYMBOLOGY

CZ	CLEAR ZONE
	PLAN LAYOUT MATCHLINE

PROJECT CONSTRUCTION FEATURES

	TOP OF CUT SLOPE
	TOE OF FILL SLOPE
	STONE FILL
	BOTTOM OF DITCH ℄
	CULVERT PROPOSED
	STRUCTURE SUBSURFACE
PDF PDF	PROJECT DEMARCATION FENCE
BF BF	BARRIER FENCE
	TREE PROTECTION ZONE (TPZ)
	STRIPING LINE REMOVAL
	SHEET PILES

CONVENTIONAL BOUNDARY SYMBOLOGY

BOUNDARY LINES

TOWN LINE	TOWN BOUNDARY LINE
COUNTY LINE	COUNTY BOUNDARY LINE
STATE LINE	STATE BOUNDARY LINE
	PROPOSED STATE R.O.W. (LIMITED ACCESS)
	PROPOSED STATE R.O.W.
	STATE ROW (LIMITED ACCESS)
	STATE ROW
	TOWN ROW
	PERMANENT EASEMENT LINE (P)
	TEMPORARY EASEMENT LINE (T)
	SURVEY LINE
P L P L	PROPERTY LINE (P/L)
SR SR SR	SLOPE RIGHTS
6f 6f	6F PROPERTY BOUNDARY
4f 4f	4F PROPERTY BOUNDARY
HAZ HAZ	HAZARDOUS WASTE

EPSC LAYOUT PLAN SYMBOLOGY

EPSC MEASURES

	FILTER CURTAIN
	SILT FENCE
	SILT FENCE WOVEN WIRE
	CHECK DAM
	DISTURBED AREAS REQUIRING RE-VEGETATION
	EROSION MATTING

ENVIRONMENTAL RESOURCES

	WETLAND BOUNDARY
	RIPARIAN BUFFER ZONE
	WETLAND BUFFER ZONE
	SOIL TYPE BOUNDARY
T&E	THREATENED & ENDANGERED SPECIES
HAZ HAZ	HAZARDOUS WASTE AREA
AG	AGRICULTURAL LAND
HABITAT	FISH & WILDLIFE HABITAT
FLOOD PLAIN	FLOOD PLAIN
OHW	ORDINARY HIGH WATER (OHW)
	STORM WATER
	USDA FOREST SERVICE LANDS
	WILDLIFE HABITAT SUIT/CONN

ARCHEOLOGICAL & HISTORIC

ARCH	ARCHEOLOGICAL BOUNDARY
HISTORIC DIST	HISTORIC DISTRICT BOUNDARY
HISTORIC	HISTORIC AREA
H	HISTORIC STRUCTURE

CONVENTIONAL TOPOGRAPHIC SYMBOLOGY

EXISTING FEATURES

	ROAD EDGE PAVEMENT
	ROAD EDGE GRAVEL
	DRIVEWAY EDGE
	DITCH
	FOUNDATION
	FENCE (EXISTING)
	FENCE WOOD POST
	FENCE STEEL POST
	GARDEN
	ROAD GUARDRAIL
	RAILROAD TRACKS
	CULVERT (EXISTING)
	STONE WALL
	WALL
	WOOD LINE
	BRUSH LINE
	HEDGE
	BODY OF WATER EDGE
	LEDGE EXPOSED

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078csl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
CONVENTIONAL SYMBOLS LEGEND SHEET (CSL-1)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 2 OF 339

CHA

FILE NAME =U:\8659\870078\Consultants\z87d078csl.c6.dgn
DATE/TIME =2/17/2016
USER =4916

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17-18	DDS-01 TO DDS-02	DRAINAGE DETAIL SUMMARY SHEETS
19	DUS-01	DRAINAGE & UTILITY DETAIL SUMMARY SHEET
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126	ECK3-1	EROSION CONTROL PLAN SEQUENCING PHASE 3
127	ECP3-1	EROSION CONTROL PLAN DETAIL PHASE 3
128	ECK4-1	EROSION CONTROL PLAN SEQUENCING PHASE 4
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T-24	08-06-12
T-28	08-06-12
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QUANTITY SHEET #1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES		TOTALS		DESCRIPTIONS			
ROADWAY	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND
20800		20800		CY	COMMON EXCAVATION	203.15	38
3000		3000		CY	SAND BORROW	203.31	93
2900		2900		CY	TRENCH EXCAVATION OF EARTH	204.20	52.7
2		2		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-
31000		31000		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	433
1100		1100		TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	27.7
14800		14800		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	97
					BEGIN OPTION AA		
270		270		CWT	EMULSIFIED ASPHALT (RS-1)	404.65	15
270		270		CWT	SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H)	900.683	15
					END OPTION AA		
1		1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-
8300		8300		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28)(SBS POLYMER)	490.30	
1		1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
					BEGIN OPTION BB		
322		322		LF	12" RCP CLASS III	601.0805	-
322		322		LF	12" CPEP(SL)	601.2605	-
322		322		LF	12" CPPP (SL)	601.2805	-
					END OPTION BB		
					BEGIN OPTION CC		
529		529		LF	15" RCP CLASS III	601.0810	-
529		529		LF	15" CPEP(SL)	601.2610	-
529		529		LF	15" CPPP (SL)	601.2810	-
					END OPTION CC		
					BEGIN OPTION DD		
452		452		LF	18" RCP CLASS III	601.0815	-
452		452		LF	18" CPEP(SL)	601.2615	-
452		452		LF	18" CPPP (SL)	601.2815	-
					END OPTION DD		
					BEGIN OPTION EE		
11		11		LF	24" RCP CLASS III	601.0825	-
11		11		LF	24" CPEP(SL)	601.2620	-
11		11		LF	24" CPPP (SL)	601.2820	-
					END OPTION EE		
					BEGIN OPTION FF		
139		139		LF	30" RCP CLASS III	601.0835	-
139		139		LF	30" CPEP(SL)	601.2625	-
139		139		LF	30" CPPP (SL)	601.2825	-
					END OPTION FF		
39		39		EACH	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4' I.D.)	604.20	-
2		2		EACH	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (6' I.D.)	604.20	-
4		4		EACH	PRECAST REINFORCED CONCRETE MANHOLE WITH CAST IRON COVER	604.21	-
33		33		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	EST

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		COLD PLANING, BITUMINOUS PAVEMENT
27089	SY	MAINLINE
3478	SY	SIDEROADS
433	SY	ROUNDING
31000	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
2667	TON	MAINLINE TYPE IIIS
1644	TON	MAINLINE TYPE IIS
2083	TON	MAINLINE TYPE IS
1281	TON	MAINLINE TYPE IVS
245	TON	SIDEROADS TYPE IIIS
61	TON	SIDEROADS TYPE IIS
77	TON	SIDEROADS TYPE IS
140	TON	SIDEROADS TYPE IVS
102	TON	ROUNDING
8300	TON	TOTAL

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078qty_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
QUANTITY SHEET 1 (Q-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 4 OF 339

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FILE NAME =U:\8659\870078\Consultants\z87d078qty_c6.dgn
DATE/TIME =2/17/2016
USER =5375

QUANTITY SHEET #2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES		TOTALS		DESCRIPTIONS			
ROADWAY	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND
10		10		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	EST
5		5		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	EST
78		78		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-
2200		2200		LF	6 INCH UNDERDRAIN PIPE	605.10	20
45		45		HR	POWER GRADER RENTAL	608.15	EST
70		70		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST
30		30		HR	POWER BROOM RENTAL, TYPE I	608.30	EST
45		45		HR	POWER BROOM RENTAL, TYPE II	608.31	EST
45		45		HR	TRUCK RENTAL	608.37	EST
45		45		HR	LOADER RENTAL, TYPE I	608.40	EST
11850		11850		LF	VERTICAL GRANITE CURB	616.21	69
4350		4350		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	22.2
350		350		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	618.11	28.2
600		600		TON	BITUMINOUS CONCRETE SIDEWALK	618.15	76.2
750		750		SF	DETECTABLE WARNING SURFACE	618.30	10
55		55		LF	TEMPORARY TRAFFIC BARRIER	621.90	3
98		98		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-
14		14		EACH	RELOCATE HYDRANT	629.29	-
2400		2400		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST
3500		3500		HR	FLAGGERS	630.15	EST
	1	1		LS	FIELD OFFICE, ENGINEERS	631.10	-
	1	1		LS	TESTING EQUIPMENT, CONCRETE	631.16	-
	1	1		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-
	3000	3000		DL	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.26	-
1		1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-
1		1		LS	TRAFFIC CONTROL	641.10	-
18600		18600		LF	DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA	646.406	93
14100		14100		LF	DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA	646.416	116
2350		2350		LF	DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA	646.426	53
700		700		LF	DURABLE 8 INCH WHITE LINE, RECESSED POLYUREA	646.446	73
400		400		LF	DURABLE 8 INCH YELLOW LINE, RECESSED POLYUREA	646.456	80
500		500		LF	DURABLE 24 INCH STOP BAR, RECESSED TYPE A TAPE	646.4871	78
130		130		EACH	DURABLE LETTER OR SYMBOL, TYPE A TAPE	646.4911	-
36300		36300		LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	14
27800		27800		LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	98
4600		4600		LF	TEMPORARY 6 INCH WHITE LINE, PAINT	646.622	6
850		850		LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	50
244		244		EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-
2500		2500		LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	92
3300		3300		EACH	LINE STRIPING TARGETS	646.76	10
180		180		SF	REMOVAL OF EXISTING PAVEMENT MARKINGS	646.85	2
2800		2800		SY	GEOTEXTILE FOR UNDERDRAIN TRENCH LINING	649.41	38.6
250		250		SY	GEOTEXTILE FOR SILT FENCE	649.51	20.2

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078qty_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
QUANTITY SHEET 2 (0-2)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 5 OF 339

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FILE NAME =U:\8659\870078\Consultants\z87d078qty_c6.dgn
DATE/TIME =2/17/2016
USER =5375

QUANTITY SHEET #3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES		TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
ROADWAY	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
80		80		LB	SEED	651.15	EST			
500		500		LB	FERTILIZER	651.18	EST			
2		2		TON	AGRICULTURAL LIMESTONE	651.20	EST			
2		2		TON	HAY MULCH	651.25	EST			
1450		1450		CY	TOPSOIL	651.35	31			
400		400		HR	MONITORING EPSC PLAN	652.20	EST			
1		1		LU	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	652.30	-			
6		6		EACH	INLET PROTECTION DEVICE, TYPE I	653.40	-			
91		91		EACH	INLET PROTECTION DEVICE, TYPE II	653.41	-			
600		600		LF	BARRIER FENCE	653.50	34			
6100		6100		LF	PROJECT DEMARCATION FENCE	653.55	50			
1083		1083		SF	TRAFFIC SIGNS, TYPE A	675.20	0.81			
2620		2620		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	16			
200		200		EACH	REMOVING SIGNS	675.50	-			
9		9		EACH	ERECTING SALVAGED SIGNS	675.60	-			
1		1		EACH	TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION (CHAMPLAIN PARKWAY @ LAKESIDE AVENUE)	678.15	-			
1		1		EACH	TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION (LAKESIDE AVENUE @ PINE STREET)	678.15	-			
1		1		EACH	TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION (PINE STREET @ KING STREET)	678.15	-			
1		1		EACH	TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION (PINE STREET @ MAIN STREET)	678.15	-			
1		1		EACH	TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION (PINE STREET @ MAPLE STREET)	678.15	-			
1150		1150		LF	VEHICLE LOOP DETECTOR	678.22	30			
55		55		LF	WIRED CONDUIT (1 1/2") (PVC)	678.23	7			
2250		2250		LF	WIRED CONDUIT (2") (PVC)	678.23	38			
555		555		LF	WIRED CONDUIT (3") (PVC)	678.23	12			
27		27		EACH	PULL BOX, STANDARD	678.25	-			
600		600		LF	ELECTRICAL CONDUIT SLEEVE (6") (PVC)	678.30	26			
1		1		EACH	REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM (LAKESIDE AVENUE @ PINE STREET)	678.45	-			
1		1		EACH	REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM (PINE STREET @ MAIN STREET)	678.45	-			
1		1		LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-			
1		1		EACH	SPECIAL PROVISION (ADJUST ELEVATION OF ELECTRIC MANHOLE)	900.620	-			
38		38		EACH	SPECIAL PROVISION (ADJUST ELEVATION OF GAS VALVE)	900.620	-			
7		7		EACH	SPECIAL PROVISION (ADJUST ELEVATION OF TELEPHONE MANHOLE)	900.620	-			
17		17		EACH	SPECIAL PROVISION (ADJUST ELEVATION OF WATER SHUT OFF)	900.620	-			
3		3		EACH	SPECIAL PROVISION (BUS SHELTER AND FOUNDATION)	900.620	-			
1		1		EACH	SPECIAL PROVISION (FURNISH AND INSTALL BUMP POST)	900.620	-			
2		2		EACH	SPECIAL PROVISION (RECTANGULAR RAPID FLASHING BEACON)	900.620	-			
1		1		EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (CHAMPLAIN PARKWAY @ LAKESIDE AVENUE)	900.620	-			
1		1		EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (PINE STREET @ MAIN STREET)	900.620	-			
1300		1300		LF	SPECIAL PROVISION (DURABLE CROSSWALK MARKING, INLAID THERMOPLASTIC)	900.640	50			

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078qty_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
QUANTITY SHEET 3 (0-3)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 6 OF 339

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FILE NAME =U:\8659\870078\Consultants\z87d078qty_c6.dgn
DATE/TIME =2/17/2016
USER =5375

QUANTITY SHEET #4

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

ROADWAY	FULL C.E. ITEMS	TOTALS: GRAND TOTAL	TOTALS: FINAL	UNIT	DESCRIPTIONS: ITEMS	ITEM NUMBER	ROUND
1430		1430		LF	SPECIAL PROVISION (TRACK REMOVAL)	900.640	2
2200		2200		SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	77
4100		4100		SY	SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)	900.675	47
8300		8300		TON	SPECIAL PROVISION (MATERIAL TRANSFER VEHICLE)	900.680	102

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		SPECIAL PROVISION (MATERIAL TRANSFER VEHICLE)
2667	TON	MAINLINE TYPE IIIS
1644	TON	MAINLINE TYPE IIS
2083	TON	MAINLINE TYPE IS
1281	TON	MAINLINE TYPE IVS
245	TON	SIDEROADS TYPE IIIS
61	TON	SIDEROADS TYPE IIS
77	TON	SIDEROADS TYPE IS
140	TON	SIDEROADS TYPE IVS
102	TON	ROUNDING
8300	TON	TOTAL

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078qty_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
QUANTITY SHEET 4 (0-4)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 7 OF 339

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FILE NAME =U:\8659\870078\Consultants\z87d078qty_c6.dgn
DATE/TIME =2/17/2016
USER =5375

ITEM DETAIL SUMMARY SHEET #1

LOCATION			UNDERDRAIN				CURB	SIDEWALK				REMARKS
			204.20	301.28	649.41	605.10	616.21	618.10	618.11	618.15	618.30	
BEGIN STATION	END STATION	POS.	TRENCH EXCAVATION OF EARTH	SUBBASE OF CRUSHED GRAVEL, FG	GEOT. FOR UNDERDRAIN TRENCH LINING	6 INCH UNDERDRAIN PIPE	VERTICAL GRANITE CURB	P.C.C. SIDEWALK, 5 INCH	P.C.C. SIDEWALK, 8 INCH	BITUMINOUS CONCRETE SIDEWALK	DETECTABLE WARNING SURFACE	
			CY	TON	SY	LF	LF	SY	SY	TON	SF	
CHAMPLAIN PARKWAY C/6:												
221+25.0	223+85.59	LT/RT	26.4	255.8	658.7	520.0						
221+25.0	223+51.0	LT					274.0					
221+25.0	223+67.0	RT					322.0			29.1		
222+56.0	223+30.0	LT					157.0					
223+36.0		LT									10.0	INSTALL SIDEWALK RAMP, TYPE 2
223+36.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 2
LAKESIDE AVENUE:												
LA 106+08.0	LA 114+37.56	LT/RT	84.2	816.5	2102.7	1660.0						
LA 106+08.0	LA 107+72.0	LT					164.0					
LA 106+08.0	LA 108+76.0	RT					268.0					
LA 108+40.0	LA 109+26.0	LT					86.0					
								27.2				
LA 108+61.0	LA 109+05.0	RT										
LA 108+68.0		LT						7.0			10.0	INSTALL SIDEWALK RAMP, TYPE 2
LA 108+68.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 2
LA 109+92.0	LA 114+35.0	LT								54.7		
LA 109+97.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 1
LA 109+97.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 1
LA 110+02.0	LA 114+32.0	RT						217.8	34.5			
LA 110+03.0	LA 110+74.0	LT					71.0					
LA 110+24.0	LA 111+44.0	RT					127.0					
LA 111+25.0	LA 114+37.0	LT					331.0					
LA 112+28.0	LA 112+85.0	RT					57.0					
LA 113+21.0	LA 114+40.0	RT					126.0					
LA 114+32.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 2
LA 114+32.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 2
THIS SHEET SUBTOTALS:			110.6	1072.3	2761.4	2180.0	1983.0	252.0	34.5	83.8	120.0	

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ids_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
ITEM DETAIL SUMMARY SHEET 1 (IDS-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 9 OF 339

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FILE NAME =U:\8589\87D078\Consultants\z87d078ids_c6.dgn
DATE/TIME =2/17/2016
USER =4916

ITEM DETAIL SUMMARY SHEET #2

LOCATION			UNDERDRAIN				CURB	SIDEWALK				REMARKS
			204.20	301.28	649.41	605.10	616.21	618.10	618.11	618.15	618.30	
BEGIN STATION	END STATION	POS.	TRENCH EXCAVATION OF EARTH	SUBBASE OF CRUSHED GRAVEL, FG	GEOT. FOR UNDERDRAIN TRENCH LINING	6 INCH UNDERDRAIN PIPE	VERTICAL GRANITE CURB	P.C.C. SIDEWALK, 5 INCH	P.C.C. SIDEWALK, 8 INCH	BITUMINOUS CONCRETE SIDEWALK	DETECTABLE WARNING SURFACE	
			CY	TON	SY	LF	LF	SY	SY	TON	SF	
PINE STREET:												
P 11+40.0	P 68+60.0	LT/RT										
P 11+40.0	P 20+28.0	RT						464.8	41.5			
P 12+24.0	P 12+33.0	RT					9.0					
P 12+24.0	P 12+72.0	LT					48.0					
P 12+87.0	P 14+22.0	RT					135.0					
P 13+12.0	P 14+12.0	LT					100.0					
P 14+17.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 2
P 14+66.0	P 20+28.0	RT					567.0					
P 14+97.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 2
P 15+02.0	P 18+48.0	LT					346.0					
P 15+34.0	P 49+87.0	LT								440.0		
P 19+04.0	P 21+86.0	LT					282.0					
P 20+27.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 1
P 20+58.0	P 35+71.0	RT						880.5	54.7			
P 20+65.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 20+65.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 2
P 20+58.0	P 27+73.0	RT					727.0					
P 22+44.0	P 25+53.0	LT					309.0					
P 25+84.0	P 26+11.0	LT					27.0					
P 26+49.0	P 30+86.0	LT					437.0					
P 27+95.0	P 29+87.0	RT					215.0					
P 28+04.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 2
P 28+04.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 2
P 30+45.0	P 32+70.0	RT					218.0					
THIS SHEET SUBTOTALS:							3420.0	1345.3	96.2	440.0	100.0	

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ids_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
ITEM DETAIL SUMMARY SHEET 2 (IDS-2)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 10 OF 339

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FILE NAME =U:\8659\870878\Consultants\z87d078ids_c6.dgn
DATE/TIME =2/17/2016
USER =4916

ITEM DETAIL SUMMARY SHEET #3

LOCATION			UNDERDRAIN				CURB	SIDEWALK				REMARKS
			204.20	301.28	649.41	605.10	616.21	618.10	618.11	618.15	618.30	
BEGIN STATION	END STATION	POS.	TRENCH EXCAVATION OF EARTH	SUBBASE OF CRUSHED GRAVEL, FG	GEOT. FOR UNDERDRAIN TRENCH LINING	6 INCH UNDERDRAIN PIPE	VERTICAL GRANITE CURB	P.C.C. SIDEWALK, 5 INCH	P.C.C. SIDEWALK, 8 INCH	BITUMINOUS CONCRETE SIDEWALK	DETECTABLE WARNING SURFACE	
			CY	TON	SY	LF	LF	SY	SY	TON	SF	
PINE STREET:												
P 31+24.0	P 35+59.0	LT					435.0					
P 33+22.0	P 35+71.0	RT					255.0					
P 35+18.0	P 35+38.0	LT						7.3				
P 35+50.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 2
P 35+50.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 35+98.0	P 37+42.0	RT					144.0					
P 35+98.0	P 42+52.0	RT						337.8	61.8			
P 35+99.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 1
P 36+04.0	P 38+83.0	LT					279.0					
P 36+12.0		LT									20.00	INSTALL SIDEWALK RAMP, TYPE 2
P 36+12.0		RT									10.00	INSTALL SIDEWALK RAMP, TYPE 1
P 38+25.0	P 40+18.0	RT					193.0					
P 39+33.0	P 41+59.0	LT					226.0					
P 39+43.0		LT									20.00	INSTALL SIDEWALK RAMP, TYPE 2
P 39+43.0		RT									10.00	INSTALL SIDEWALK RAMP, TYPE 2
P 40+72.0	P 42+52.0	RT					185.0					
P 42+01.0	P 44+98.0	LT					297.0					
P 42+41.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 2
P 42+41.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 42+77.0	P 43+07.0	RT					35.0					
P 42+77.0	P 44+68.0	RT						115.6				
P 42+79.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 1
P 43+22.0	P 44+68.0	RT					158.0					
P 44+67.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 1
THIS SHEET SUBTOTALS:							2207.0	460.7	61.8		170.0	

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ids_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
ITEM DETAIL SUMMARY SHEET 3 (IDS-3)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 11 OF 339

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FILE NAME =U:\8659\870878\Consultants\z87d078ids_c6.dgn
DATE/TIME =2/17/2016
USER =4916

ITEM DETAIL SUMMARY SHEET #4

LOCATION			UNDERDRAIN				CURB	SIDEWALK				REMARKS
			204.20	301.28	649.41	605.10	616.21	618.10	618.11	618.15	618.30	
BEGIN STATION	END STATION	POS.	TRENCH EXCAVATION OF EARTH	SUBBASE OF CRUSHED GRAVEL, FG	GEOT. FOR UNDERDRAIN TRENCH LINING	6 INCH UNDERDRAIN PIPE	VERTICAL GRANITE CURB	P.C.C. SIDEWALK, 5 INCH	P.C.C. SIDEWALK, 8 INCH	BITUMINOUS CONCRETE SIDEWALK	DETECTABLE WARNING SURFACE	
			CY	TON	SY	LF	LF	SY	SY	TON	SF	
PINE STREET:												
P 44+88.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 1
P 44+88.0	P 45+77.0	RT					102.0					
P 44+88.0	P 49+95.0	RT						269.8	45.0			
P 45+47.0	P 48+23.0	LT					276.0					
P 46+17.0	P 46+49.0	RT					32.0					
P 46+87.0	P 48+23.0	RT					136.0					
P 48+67.0	P 49+95.0	RT					138.0					
P 48+70.0	P 48+85.0	LT					15.0					
P 49+31.0	P 51+82.0	LT					251.0					
P 49+80.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 49+82.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 2
P 49+87.0	P 59+26.0	LT						490.9	51.2			
P 50+24.0	P 52+16.0	RT					192.0					
P 50+24.0	P 59+26.0	RT						492.2	33.1			
P 50+28.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 1
P 52+17.0	P 53+74.0	LT					157.0					
P 52+50.0	P 53+79.0	RT					129.0					
P 54+12.0	P 54+80.0	RT					68.0					
P 54+22.0	P 54+26.0	LT					4.0					
P 54+57.0	P 57+43.0	LT					286.0					
P 54+62.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 1
P 54+62.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 2
P 55+14.0	P 55+73.0	RT					59.0					
P 55+96.0	P 56+80.0	RT					84.0					
THIS SHEET SUBTOTALS:							1929.0	1252.9	129.3		90.0	

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PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ids_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
ITEM DETAIL SUMMARY SHEET 4 (IDS-4)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 12 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078ids_c6.dgn
DATE/TIME =2/17/2016
USER =4916

ITEM DETAIL SUMMARY SHEET #5

LOCATION			UNDERDRAIN				CURB	SIDEWALK				REMARKS
			204.20	301.28	649.41	605.10	616.21	618.10	618.11	618.15	618.30	
BEGIN STATION	END STATION	POS.	TRENCH EXCAVATION OF EARTH	SUBBASE OF CRUSHED GRAVEL, FG	GEOT. FOR UNDERDRAIN TRENCH LINING	6 INCH UNDERDRAIN PIPE	VERTICAL GRANITE CURB	P.C.C. SIDEWALK, 5 INCH	P.C.C. SIDEWALK, 8 INCH	BITUMINOUS CONCRETE SIDEWALK	DETECTABLE WARNING SURFACE	
			CY	TON	SY	LF	LF	SY	SY	TON	SF	
PINE STREET:												
P 56+90.0	P 57+33.0	RT					43.0					
P 57+43.0	P 57+80.0	RT					37.0					
P 57+53.0	P 58+05.0	LT					52.0					
P 57+90.0	P 58+41.0	RT					51.0					
P 58+45.0	P 59+26.0	LT					86.0					
P 58+61.0	P 59+26.0	RT					72.0					
P 59+14.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 59+14.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 59+51.0	P 60+73.0	RT					122.0					
P 59+51.0	P 63+20.0	RT						240.7				
P 59+59.0	P 60+32.0	LT					80.0					
P 59+59.0	P 63+25.0	LT						224.2				
P 59+65.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 59+65.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 60+42.0	P 61+30.0	LT					88.0					
P 60+83.0	P 61+38.0	RT					55.0					
P 61+40.0	P 61+65.0	LT					25.0					
P 61+48.0	P 61+77.0	RT					29.0					
P 61+75.0	P 63+25.0	LT					158.0					
P 61+87.0	P 62+13.0	RT					26.0					
P 62+23.0	P 62+62.0	RT					39.0					
P 62+72.0	P 63+20.0	RT					60.0					
P 63+17.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 63+17.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
THIS SHEET SUBTOTALS:							1023.0	464.9			120.0	

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ids_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
ITEM DETAIL SUMMARY SHEET 5 (IDS-5)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 13 OF 339

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FILE NAME =U:\8659\870878\Consultants\z87d078ids_c6.dgn
DATE/TIME =2/17/2016
USER =4916

ITEM DETAIL SUMMARY SHEET #6

LOCATION			UNDERDRAIN				CURB	SIDEWALK				REMARKS
			204.20	301.28	649.41	605.10	616.21	618.10	618.11	618.15	618.30	
BEGIN STATION	END STATION	POS.	TRENCH EXCAVATION OF EARTH	SUBBASE OF CRUSHED GRAVEL, FG	GEOT. FOR UNDERDRAIN TRENCH LINING	6 INCH UNDERDRAIN PIPE	VERTICAL GRANITE CURB	P.C.C. SIDEWALK, 5 INCH	P.C.C. SIDEWALK, 8 INCH	BITUMINOUS CONCRETE SIDEWALK	DETECTABLE WARNING SURFACE	
			CY	TON	SY	LF	LF	SY	SY	TON	SF	
PINE STREET:												
P 63+60.0	P 64+92.0	RT					145.0					
P 63+60.0	P 67+34.0	RT						280.5				
P 63+61.0	P 64+18.0	LT					62.0					
P 63+61.0	P 67+34.0	LT						221.9				
P 63+69.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 63+69.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 64+28.0	P 65+09.0	LT					81.0					
P 65+02.0	P 65+42.0	RT					40.0					
P 65+19.0	P 66+02.0	LT					83.0					
P 65+52.0	P 67+34.0	RT					204.0					
P 66+30.0	P 67+34.0	LT					112.0					
P 67+17.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 67+17.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 5
P 67+85.0	P 68+06.0	LT						14.5				
P 68+04.0		LT									20.0	INSTALL SIDEWALK RAMP, TYPE 3
P 67+96.0	P 68+09.0	RT						35.1				
P 68+04.0		RT									20.0	INSTALL SIDEWALK RAMP, TYPE 5
LOCUST STREET:												
LC 1+29.0	LC 1+60.0	LT					32.0					
LC 1+29.0	LC 1+60.0	RT					33.0					
HOWARD STREET:												
HW 1+29.0	HW 1+55.0	LT					26.0					
HW 1+29.0	HW 1+55.0	RT					26.0					
MARBLE AVENUE:												
MA 1+34.0	MA 1+53.0	LT					19.0					
THIS SHEET SUBTOTALS:							863.0	552.0			120.0	

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ids_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
ITEM DETAIL SUMMARY SHEET 6 (IDS-6)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 14 OF 339

CHA

FILE NAME =U:\8659\870878\Consultants\z87d078ids_c6.dgn
DATE/TIME =2/17/2016
USER =4916

ITEM DETAIL SUMMARY SHEET #7

LOCATION			UNDERDRAIN				CURB	SIDEWALK				REMARKS
			204.20	301.28	649.41	605.10	616.21	618.10	618.11	618.15	618.30	
BEGIN STATION	END STATION	POS.	TRENCH EXCAVATION OF EARTH	SUBBASE OF CRUSHED GRAVEL, FG	GEOT. FOR UNDERDRAIN TRENCH LINING	6 INCH UNDERDRAIN PIPE	VERTICAL GRANITE CURB	P.C.C. SIDEWALK, 5 INCH	P.C.C. SIDEWALK, 8 INCH	BITUMINOUS CONCRETE SIDEWALK	DETECTABLE WARNING SURFACE	
			CY	TON	SY	LF	LF	SY	SY	TON	SF	
MARBLE AVENUE:												
MA 1+34.0	MA 1+53.0	RT					19.0					
PINE PLACE:												
PN 1+34.0	PN 1+48.0	LT					14.0					
PN 1+34.0	PN 1+48.0	RT					14.0					
KILBURN STREET:												
KL 1+33.0	KL 1+53.0	LT					20.0					
KL 1+33.0	KL 1+53.0	RT					20.0					
MAPLE STREET												
MP 1+70.0	MP 1+83.0	LT					13.0					
MP 1+70.0	MP 1+83.0	RT					13.0					
MP 2+43.0	MP 2+75.0	RT					32.0					
MP 2+40.0	MP 2+75.0	LT					36.0					
KING STREET												
KN 1+72.0	KN 1+85.0	LT					13.0					
KN 1+72.0	KN 1+85.0	RT					13.0					
KN 2+44.0	KN 2+75.0	LT					35.0					
KN 2+44.0	KN 2+75.0	RT					35.0					
MALTEX DRIVEWAY:												
MD 1+57.0	MD 1+62.0	RT					53.0					
MILLER DRIVEWAY:												
ML 1+98.0	ML 2+11.0	RT					13.0					
ML 1+98.0	ML 2+11.0	LT					13.0					
ML 2+14.0		RT									10.0	INSTALL SIDEWALK RAMP, TYPE 1
ML 2+14.0		LT									10.0	INSTALL SIDEWALK RAMP, TYPE 1
THIS SHEET SUBTOTALS:							356.0				20.0	

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ids_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
ITEM DETAIL SUMMARY SHEET 7 (IDS-7)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 15 OF 339

CHA

FILE NAME =U:\96589\870078\Consultants\z87d078ids_c6.dgn
DATE/TIME =2/17/2016
USER =4916

ITEM DETAIL SUMMARY SHEET #8

LOCATION			UNDERDRAIN				CURB	SIDEWALK				REMARKS
			204.20	301.28	649.41	605.10	616.21	618.10	618.11	618.15	618.30	
BEGIN STATION	END STATION	POS.	TRENCH EXCAVATION OF EARTH	SUBBASE OF CRUSHED GRAVEL, FG	GEOT. FOR UNDERDRAIN TRENCH LINING	6 INCH UNDERDRAIN PIPE	VERTICAL GRANITE CURB	P.C.C. SIDEWALK, 5 INCH	P.C.C. SIDEWALK, 8 INCH	BITUMINOUS CONCRETE SIDEWALK	DETECTABLE WARNING SURFACE	
			CY	TON	SY	LF	LF	SY	SY	TON	SF	
IDS SHEET 1 SUBTOTALS:			110.6	1072.3	2761.4	2180.0	1983.0	252.0	34.5	83.8	120.0	
IDS SHEET 2 SUBTOTALS:							3420.0	1345.3	96.2	440.0	100.0	
IDS SHEET 3 SUBTOTALS:							2207.0	460.7	61.8		170.0	
IDS SHEET 4 SUBTOTALS:							1929.0	1252.9	129.3		90.0	
IDS SHEET 5 SUBTOTALS:							1023.0	464.9			120.0	
IDS SHEET 6 SUBTOTALS:							863.0	552.0			120.0	
IDS SHEET 7 SUBTOTALS:							356.0				20.0	
ALL SHEETS SUBTOTALS:			110.6	1072.3	2761.4	2180.0	11781.0	4327.8	321.8	523.8	740.0	
ROUNDING:			-	27.7	38.6	20.0	69.0	22.2	28.2	76.2	10.0	
TOTALS:			110.6	1100.0	2800.0	2200.0	11850.0	4350.0	350.0	600.0	750.0	

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ids_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
ITEM DETAIL SUMMARY SHEET 8 (IDS-8)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 16 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078ids_c6.dgn
DATE/TIME =2/17/2016
USER =4916

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	PIPE ID#	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	MH	ID	GRATE TYPE	DEPTH DI	REHAB	COVER	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL STRUCT	GRAN BORR	EROS MATT	STONE FILL		MARKER POSTS				REMARKS
				INLET	OUTLET	IN	OUT	SPAN IN	RISE IN	L FT	D IN	L FT	PCCSP TH	CAAP TH	RCP CL	CPEP SL	CPPP SL	PCCSP PI TH	NO. DEG.	EA	EA	EA	FT		FT	EA	EA	CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT EA	RT EA			
SYSTEM 100 - LAKESIDE AVENUE																																											
LA 109+02		LT																				1	5		8.74				XX														CONSTRUCT NEW MH WITH CAST IRON FRAME AND
LA 110+60	LA 109+02	LT	101	CB	MH						18	158			X	X	X				1		4	D	7.67				XX														CONSTRUCT NEW CB
LA 110+60	110+60	RT-LT	102	CB	CB						18	32			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
LA 109+85	223+52	RT-LT	103	CB	MH						18	57			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
LA 112+82	LA 112+84	LT	104	CB	MH						18	7			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
LA 112+82	LA 113+14	RT	107	CB	MH						12	32			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
SYSTEM 200 - PINE STREET																																											
P 13+79	P 15+15	LT	200	CB	MH						15	136			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 15+25	P 16+64	LT	202	CB	CB						30	139			X	X	X				1		6	D	7				XX														CONSTRUCT NEW CB
P 15+15	P 15+25	LT	203	MH	MH						24	11			X	X	X									1			XX														REHAB EX. STRUCTURE
P 15+22		RT																			1		4	D	7				XX														CONSTRUCT NEW CB
P 16+64		LT																			1		6	D	7				XX														CONSTRUCT NEW CB
P 20+06		LT																			1		4	D	7				XX														CONSTRUCT NEW CB
P 19+61	P 20+06	RT	211	CB	CB						12	45			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 20+08	P 21+23	LT	213	CB	CB						12	25			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 27+71	P 27+96	RT	215	CB	CB						15	23			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 27+96	P 28+35	RT	216	CB	CB						15	37			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 28+35		RT																			1		4	D	7				XX														CONSTRUCT NEW CB
P 34+74		RT																			1		4	D	7				XX														CONSTRUCT NEW CB
P 35+00	P 34+93	LT	220	CB	MH						12	14			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 35+00	P 35+00	RT	222	CB	MH						12	9			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 35+00		RT																				1	4		7				XX														CONSTRUCT NEW DOG HOUSE MANHOLE
P 37+10	P 37+10	LT	224	CB	MH						12	10			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 37+10		LT																				1	4	D	7				XX														CONSTRUCT NEW DOG HOUSE MANHOLE
P 42+10	P 42+33	LT	226	CB	CB						12	22			X	X	X					1	4	D	7				XX														CONSTRUCT NEW CB
P 43+25	P 43+06	LT	229	CB	CB						12	18			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 42+10	P 42+37	RT	230	CB	CB						12	26			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 43+25	P 42+96	RT	233	CB	CB						12	28			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 50+62	P 50+62	LT-CL	234	CB	MH						15	14			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 50+62		CL																				1	4		7				XX														CONSTRUCT NEW DOG HOUSE MANHOLE
P 50+62	P50+62	RT-CL	236	CB	MH						15	14			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 59+91	P 59+57	RT	237	CB	CB						12	31			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 63+95	P 63+65	RT	239	CB	CB						12	30			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
SYSTEM 300 - LOCUST STREET																																											
LC 1+24	P 21+08	LT-RT	301	CB	CB						15	45			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
LC 1+24	LC 1+24	RT-LT	302	CB	CB						15	38			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
LC 1+58	LC 1+24	RT	303	CB	CB						12	32			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB

DRAINAGE DETAIL SUMMARY SHEET #1

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078_frm.dgn
PROJECT LEADER: J. MEYERS
DESIGNED BY: K. MANCHESTER
DWG NO: DDS-01

PLOT DATE: 2/16/2016
DRAWN BY: G. MERKLE
CHECKED BY: G. SANTY
SHEET 17 OF 339

FILE NAME = W:\195\active\195I005B\Facilities C6\Design\z87d078_frm.dgn
DATE/TIME = 2/16/2016 2:52 AM
USER = GMERKLE

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRCDI	DEPTH DI	CONC CLASS B	REINF STEEL	DI GRATE	CHAN ELEV	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL STRUCT	GRAN BORR	EROS MATT	STONE FILL		MARKER POSTS				REMARKS
			NO. DEG.	INLET	OUTLET	IN	OUT	SPAN IN	RISE IN	L FT	D IN	L FT	PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	NO. DEG.	EA	EA		FT	CY	LBS	TYPE	EA	CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT EA	RT EA			
SYSTEM 400 - HOWARD STREET																																											
HW 1+55	P 35+57	RT	401	CB	MH						15	30			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
HW 1+55	HW 1+55	LT-RT	402	CB	CB						15	38			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
SYSTEM 500 - MARBLE AVENUE																																											
MA 1+53	MA 1+53	RT-LT	500	CB	CB						15	21			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
MA 1+53	P 42+96	LT-RT	501	CB	CB						15	36			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
SYSTEM 600 - PINE PLACE																																											
PN 1+21	P 45+28	LT-RT	601	CB	CB						18	35			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
P 45+28	P 46+21	RT	233A	CB	CB						18	91			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
SYSTEM 700 - KILBURN STREET																																											
KL 1+55	KL 1+55	RT	700	CB	MH						15	10			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
KL 1+55		RT																				1	4		7				XX														CONSTRUCT NEW DOG HOUSE MANHOLE
KL 1+55	KL 1+55	LT-RT	702	CB	MH						15	14			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
SYSTEM 800 - KING STREET STREET																																											
KN 2+71	KN 2+71	RT-LT	800	CB	CB						15	36			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
KN 2+71	P 63+65	LT-RT	801	CB	MH						15	37			X	X	X				1		4	D	7				XX														CONSTRUCT NEW CB
																																											PIPES INTO NRE STRUCTURE
								SUBTOTALS =			12	322			X	X	X				39	6							0														
											15	529			X	X	X																										
											18	380			X	X	X																										
											24	11			X	X	X																										
											30	139			X	X	X																										

DRAINAGE DETAIL SUMMARY SHEET #2

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078_frm.dgn
PROJECT LEADER: J. MEYERS
DESIGNED BY: K. MANCHESTER
DWG NO: DDS-01

PLOT DATE: 2/16/2016
DRAWN BY: G. MERKLE
CHECKED BY: G. SANTY
SHEET 18 OF 339

FILE NAME =W:\195\active\195I0058\Facilities C6\Design\z87d078_frm.dgn
DATE/TIME =2/16/2016 2:55 AM
USER =GMERKLE

DRAINAGE & UTILITY ITEM DETAIL SUMMARY SHEET 1

LOCATION			MISCELLANEOUS										REMARKS
BEGIN STA.	END STA.	POS.	604.412 REHAB DI, CB, OR MH, CLASS I EACH	604.415 REHAB DI, CB, OR MH, CLASS II EACH	604.418 REHAB DI, CB, OR MH, CLASS III EACH	604.42 CHAN ELEV. OF SEWER MH EACH	629.20 ADJ. ELEV. OF VALVE BOX EACH	629.29 RELOCATE HYDRANT EACH	900.620 SPECIAL PROVISION (ADJ. ELEV. OF WATER SHUT OFF) EACH	900.620 SPECIAL PROVISION (ADJ. ELEV. OF TELEPHONE MH) EACH	900.620 SPECIAL PROVISION (ADJ. ELEV. OF GAS VALVE) EACH	900.620 SPECIAL PROVISION (ADJ. ELEV. OF ELECTRIC MH) EACH	
LAKESIDE AVENUE													
LA 105+50	LA 114+39	LT&RT	4			7	11	2	1		3		QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, SEE DRAINAGE PLANS FOR LOCATIONS.
PINE STREET													
P 11+40	P 68+60	LT&RT	32	10	5	67	85	12	17	7	35	3	QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, SEE DRAINAGE PLANS FOR LOCATIONS.
MAIN STREET													
P 2+50	P 5+05	LT&RT				4	2						QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, SEE DRAINAGE PLANS FOR LOCATIONS.
SHEET 7 SUBTOTALS:			36	10	5	78	98	14	18	7	38	3	

DRAINAGE & UTILITY DETAIL SUMMARY SHEET #1

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1)

FILE NAME: z87d078_frm.dgn
PROJECT LEADER: J. MEYERS
DESIGNED BY: K. MANCHESTER
DWG NO: DUS-01

PLOT DATE: 2/16/2016
DRAWN BY: G. MERKLE
CHECKED BY: G. SANTY
SHEET 19 OF 339

FILE NAME =Y:\195\active\195110058\Facilities C6\Design\z87d078_frm.dgn
DATE/TIME =2/16/2016 2:42:59 AM
USER =G6TUSER
Y:\195\active\195110058\Facilities C6\Design\z87d078_frm.dgn

STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS SUMMARY

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST FT.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
CHAMPLAIN PARKWAY C/6									
221+25		231				28			
	25		223				25		
221+50		250				26			
	50		500				41	CUT	2412
222+00		289				18		ROCK	0
	50		533				26	R.FAC	.495
222+50		286				10		FILL	169
	50		534				43	F.FAC	1.15
223+00		290				36		EX. C	2218
	50		452				34		
223+50		198				0			
	10		170				0		
223+60		715				0			
LAKESIDE AVENUE									
106+08		245				0			
	42		368				1		
106+50		227				1			
	50		427				1		
107+00		234				0			
	50		428				1		
107+50		228				1			
	50		419				1	CUT	4143
108+00		224				0		ROCK	0
	50		416				0	R.FAC	.495
108+50		225				0		FILL	5
	50		393				0	F.FAC	1.15
109+00		199				0		EX. C	4137
	50		377				0		
109+50		208				0			
	50		415				0		
110+00		240				0			
	50		455				0		
110+50		251				0			
	50		445				1		
111+00		229				1			
COLUMN FOOTING			6555				174		

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST FT.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
LAKESIDE AVENUE (CON'T)									
111+00		229				1			
	50		436				2		
111+50		241				1			
	50		441				2	CUT	3028
112+00		235				1		ROCK	0
	50		443				1	R.FAC	.495
112+50		243				0		FILL	7
	50		438				0	F.FAC	1.15
113+00		230				0		EX. C	3020
	50		455				0		
113+50		261				0			
	50		488				1		
114+00		265				1			
	39		327				1		
114+39		187				0			
TRENCH EXCAVATION FOR UNDERDRAIN									
								CUT	115
			115					FAC	1.00
								EX. C	115
PINE STREET									
12+25		73				0			
	25		59				0		
12+50		53				0			
	50		96				0		
13+00		50				0			
	50		96				0	CUT	1743
13+50		53				0		ROCK	0
	50		163				1	R.FAC	.495
14+00		123				1		FILL	29
	50		225				1	F.FAC	1.15
14+50		119				0		EX. C	1710
	50		228				2		
15+00		127				2			
	50		237				2		
15+50		128				0			
	50		239				2		
16+00		130				2			
	50		239				8		
16+50		128				6			
	50		161				13		
17+00		45				8			
COLUMN FOOTING			4886				36		

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST FT.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
PINE STREET (CON'T)									
17+00		45				8			
	50		85				12		
17+50		46				4			
	50		89				9		
18+00		50				5			
	50		86				14		
18+50		42				10			
	50		74				11	CUT	688
19+00		37				1		ROCK	0
	50		65				8	R.FAC	.495
19+50		33				7		FILL	200
	50		59				22	F.FAC	1.15
20+00		30				16		EX. C	458
	50		38				34		
20+50		10				20			
	50		41				39		
21+00		34				22			
	50		70				36		
21+50		41				16			
	50		81				15		
22+00		46				0			
	50		88				1		
22+50		48				1			
	50		86				2		
23+00		44				1			
	50		84				2		
23+50		46				1			
	50		84				2	CUT	845
24+00		44				1		ROCK	0
	50		79				2	R.FAC	.495
24+50		41				1		FILL	53
	50		80				2	F.FAC	1.15
25+00		45				1		EX. C	784
	50		81				3		
25+50		42				2			
	50		75				10		
26+00		38				8			
	50		66				12		
26+50		33				4			
	50		61				8		
27+00		32				4			
	50		61				9		
27+50		33				5			
COLUMN FOOTING			1533				253		

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ess_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EARTHWORK SUMMARY SHEET 1 (EWS-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 20 OF 339

CHA

FILE NAME =U:\855\87D078\Consultants\z87d078ess_c6.dgn
DATE/TIME =2/17/2016
USER =4916

STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS SUMMARY

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST FT.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
PINE STREET (CON'T)									
27+50		33				5			
	50		57				13		
28+00		28				8			
	50		55				18		
28+50		31				11			
	50		58				21	CUT	648
29+00		31				11		ROCK	0
	50		55				27	R.FAC	.495
29+50		28				18		FILL	186
	50		48				37	F.FAC	1.15
30+00		23				21		EX. C	434
	50		42				40		
30+50		22				22			
	50		57				22		
31+00		39				1			
	50		84				3		
31+50		51				2			
	50		94				3		
32+00		50				1			
	50		98				2		
32+50		55				1			
	50		108				1		
33+00		61				0			
	50		118				0		
33+50		66				0			
	50		125				0		
34+00		69				0			
	50		128				0	CUT	1222
34+50		69				0		ROCK	0
	50		118				7	R.FAC	.495
35+00		58				7		FILL	28
	50		153				12	F.FAC	1.15
35+50		107				5		EX. C	1190
	50		188				5		
36+00		96				0			
	50		129				0		
36+50		43				0			
	50		80				1		
37+00		43				1			
	50		75				2		
37+50		38				1			
COLUMN FOOTING			1870				214		

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST FT.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
PINE STREET (CON'T)									
37+50		38				1			
	50		71				3		
38+00		38				2			
	50		77				3		
38+50		45				1			
	50		78				1	CUT	992
39+00		39				0		ROCK	0
	50		87				2	R.FAC	.495
39+50		54				2		FILL	12
	50		100				2	F.FAC	1.15
40+00		54				0		EX. C	978
	50		97				0		
40+50		50				0			
	50		101				0		
41+00		59				0			
	50		107				0		
41+50		56				0			
	50		111				0		
42+00		63				0			
	50		163				1		
42+50		113				1			
	50		258				1		
43+00		165				0			
	50		225				0		
43+50		78				0			
	50		144				0		
44+00		77				0			
	50		150				0	CUT	1621
44+50		84				0		ROCK	0
	50		145				0	R.FAC	.495
45+00		72				0		FILL	1
	50		140				0	F.FAC	1.15
45+50		79				0		EX. C	1620
	50		152				0		
46+00		85				0			
	50		146				0		
46+50		72				0			
	50		132				0		
47+00		70				0			
	50		129				0		
47+50		69				0			
COLUMN FOOTING			2613				13		

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST FT.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
PINE STREET (CON'T)									
47+50		69				0			
	50		125				0		
48+00		66				0			
	50		121				0		
48+50		64				0			
	50		104				3	CUT	1445
49+00		48				3		ROCK	0
	50		145				3	R.FAC	.495
49+50		108				0		FILL	6
	50		269				0	F.FAC	1.15
50+00		182				0		EX. C	1438
	50		271				0		
50+50		110				0			
	50		148				0		
51+00		49				0			
	50		94				0		
51+50		52				0			
	50		88				0		
52+00		42				0			
	50		80				0		
52+50		44				0			
	50		82				1		
53+00		44				1			
	50		75				1		
53+50		37				0			
	50		64				3		
54+00		32				3			
	50		60				6	CUT	772
54+50		32				3		ROCK	0
	50		61				3	R.FAC	.495
55+00		33				0		FILL	20
	50		70				1	F.FAC	1.15
55+50		42				1		EX. C	749
	50		83				3		
56+00		47				2			
	50		91				2		
56+50		51				0			
	50		95				0		
57+00		51				0			
	50		91				0		
57+50		47				0			
COLUMN FOOTING			2217				26		

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ess_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EARTHWORK SUMMARY SHEET 2 (EWS-2)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 21 OF 339

CHA

FILE NAME =U:\855\87D078\Consultants\z87d078ess_c6.dgn
DATE/TIME =2/17/2016
USER =4916

STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS SUMMARY

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST FT.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
PINE STREET (CON'T)									
57+50		47				0			
	50		83				1		
58+00		42				1			
	50		79				2		
58+50		43				1			
	50		88				1	CUT	737
59+00		51				0		ROCK	0
	50		48				0	R.FAC	.495
59+50		0				0		FILL	10
	50		37				1	F.FAC	1.15
60+00		39				1		EX. C	726
	50		71				3		
60+50		37				2			
	50		74				2		
61+00		42				0			
	50		83				0		
61+50		47				0			
	50		86				0		
62+00		45				0			
	50		88				0		
62+50		50				0			
	50		92				0		
63+00		49				0			
	50		46				0		
63+50		0				0			
	50		33				3		
64+00		35				3			
	50		72				4	CUT	708
64+50		42				1		ROCK	0
	50		80				2	R.FAC	.495
65+00		44				1		FILL	19
	50		87				2	F.FAC	1.15
65+50		49				1		EX. C	686
	50		84				2		
66+00		41				1			
	50		83				2		
66+50		48				1			
	50		90				2		
67+00		49				1			
	25		41				2		
67+25		39				2			
COLUMN FOOTING			1445				29		

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST FT.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
MALTEX DRIVEWAY									
1+40		30				46			
	10		18				9	CUT	516
1+50		67				1		ROCK	0
	50		187				1	R.FAC	0.495
2+00		134				0		FILL	10
	50		213				0	F.FAC	1.15
2+50		95				0		EX. C	505
	38		98				0		
2+88		44				0			
COLUMN FOOTING			516				10		

SUMMARY AND BALANCES

STATION TO STATION	TOTAL EXC. EARTH + ROCK C.Y.	ROCK EXCAVATION C.Y.	EMBANKMENT C.Y.	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL
CHAMPLAIN PKWY C/6	2412	0	169	2243		2243	
LAKESIDE AVE	7164	0	10	7154		9397	
PINE STREET	11421	0	564	10857		20254	
MALTEX DRIVEWAY	516	0	10	506		20760	
TOTAL	21513		753				

REMARKS	
EARTH AND ROCK EXCAVATION	21513
SOLID ROCK EXCAVATION	
EARTH EXCAVATION	21513
PLANIMETERED FILL	753
LESS FACTORED SOLID ROCK	
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	
NET PLANIMETERED FILL	753
FACTOR	1.15
PLANIMETERED FILL INCLUDING FACTOR	866
MATERIALS AVAILABLE FOR FILLS	21513
EARTH EXCAVATION	
CHANNEL EXCAVATION	
UNDERDRAIN EXCAVATION	115
STRUCTURE EXCAVATION	
TOTAL MATERIAL AVAILABLE FOR FILL	21628
TOTAL FILL INCLUDING FACTOR	866
TOTAL MATERIAL FOR FILL	21628
BORROW	
EXCESS EXCAVATION	20762

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ess_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EARTHWORK SUMMARY SHEET 3 (EWS-3)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 22 OF 339

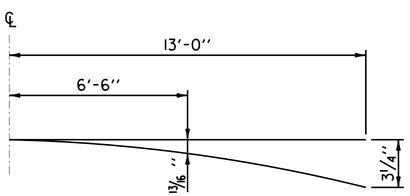
FILE NAME =U:\8659\87D078\Consultants\z87d078ess_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TYPICAL SECTIONS
CHAMPLAIN PARKWAY - SECTION C/6

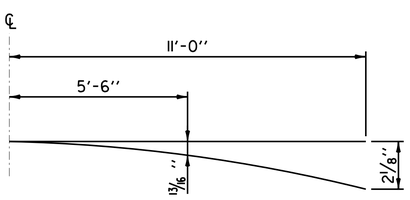
NOTE:

1. THE 1 ON 6 GRADED AREA RIGHT OF THE SHARED-USE PATH SHALL BE 5' WIDE WHERE THE ADJACENT SIDE SLOPE IS STEEPER THAN 1 ON 3.

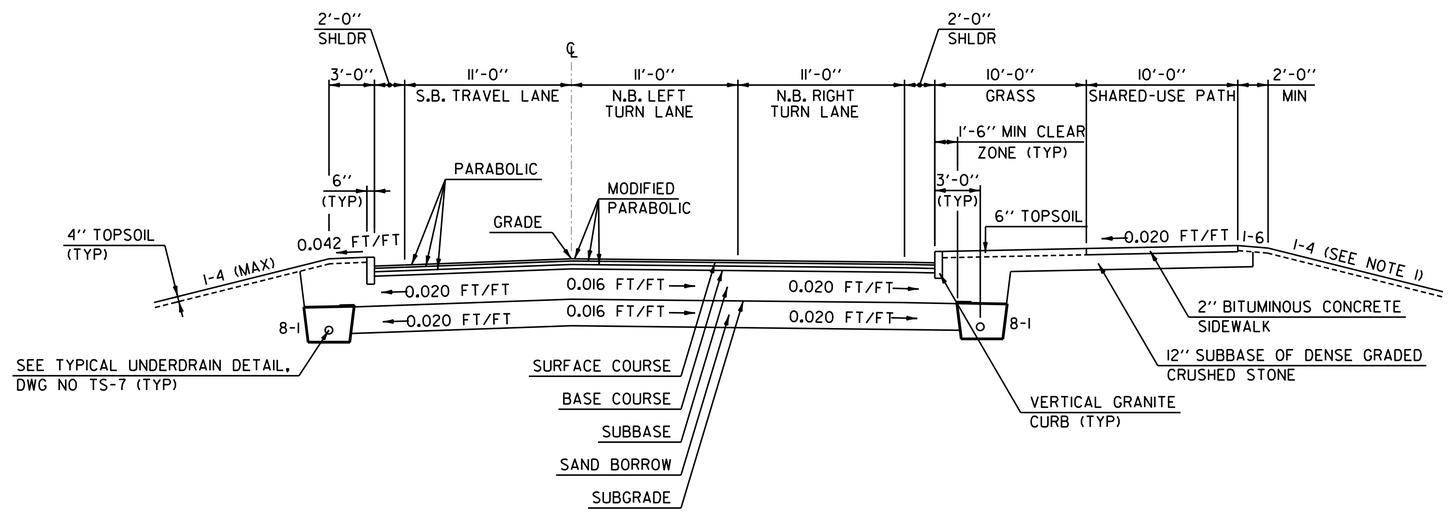
MATERIAL ITEM	THICKNESS TOLERANCE	
PAVEMENT COURSES (TOTAL DEPTH)	±1/4"	4 1/2" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (1 3/4" TYPE IIIS, 2 3/4" TYPE IIS)
SUBBASE	± 1"	3 1/2" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IS)
SAND BORROW	± 1"	24" SUBBASE OF DENSE GRADED CRUSHED STONE
		21" SAND BORROW



PARABOLIC DETAIL



MODIFIED PARABOLIC DETAIL



NORMAL SECTION
CHAMPLAIN PARKWAY
STA 221+25.00 TO STA 223+50.00

NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078typ_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
TYPICAL SECTION SHEET 1 (TS-1)	SHEET 23 OF 339

FILE NAME =U:\96859\870078\Consultants\z87d078typ_c6.dgn
DATE/TIME =2/17/2016
USER =4916

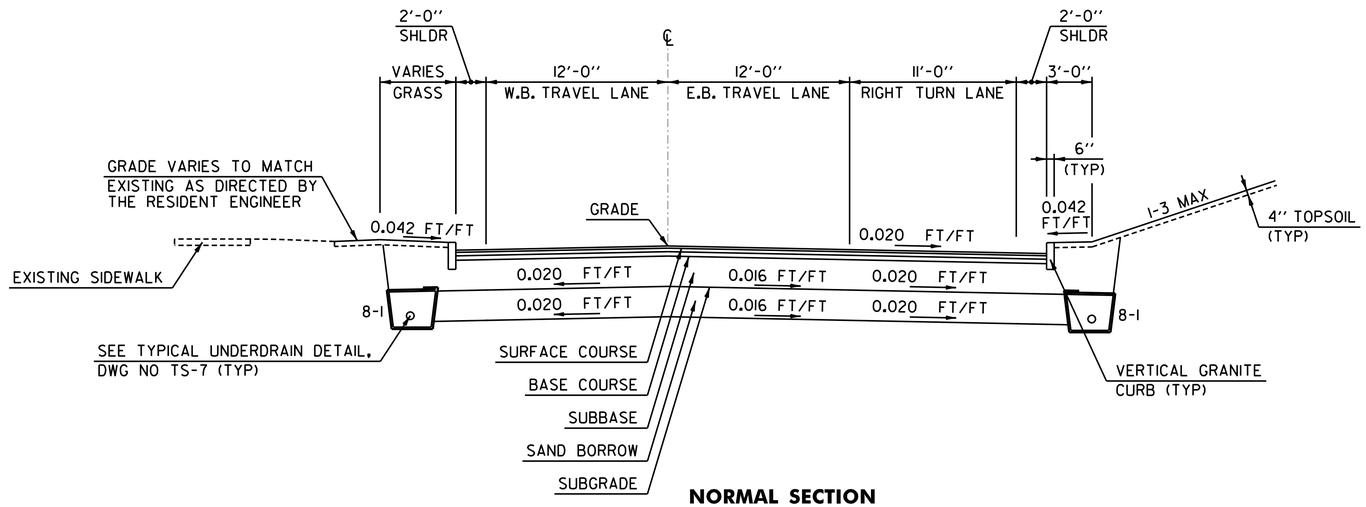
TYPICAL SECTIONS
LAKESIDE AVENUE

NOTE:

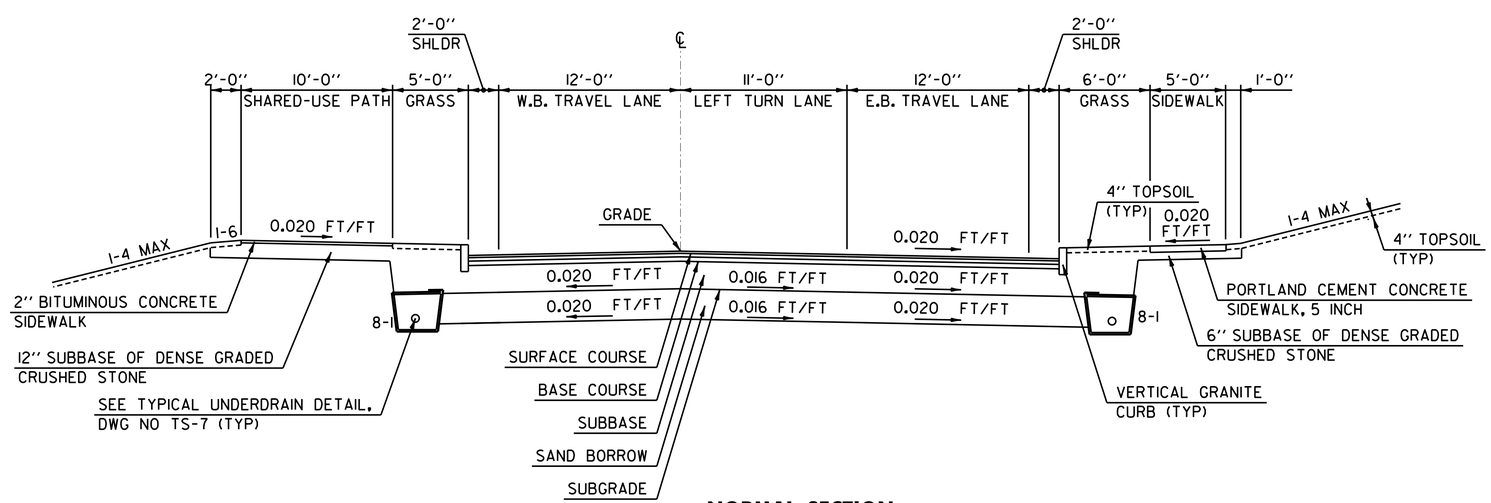
1. THE 1 ON 6 GRADED AREA LEFT OF THE SHARED-USE PATH SHALL BE 5' WIDE WHERE THE ADJACENT SIDE SLOPE IS STEEPER THAN 1 ON 3.

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	±1/4''
SUBBASE	± 1''
SAND BORROW	± 1''

4 1/2" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (1 3/4" TYPE IIIS, 2 3/4" TYPE IIS)
3 1/2" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IS)
24" SUBBASE OF DENSE GRADED CRUSHED STONE
21" SAND BORROW



NORMAL SECTION
LAKESIDE AVENUE
STA LA 106+08.00 TO STA LA 110+06.00



NORMAL SECTION
LAKESIDE AVENUE
STA LA 110+06.00 TO STA LA 114+37.56

NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078typ_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
TYPICAL SECTION SHEET 2 (TS-2)	SHEET 24 OF 339

FILE NAME =U:\8659\87D078\Consultants\z87d078typ_c6.dgn
DATE/TIME =2/17/2016
USER =4916

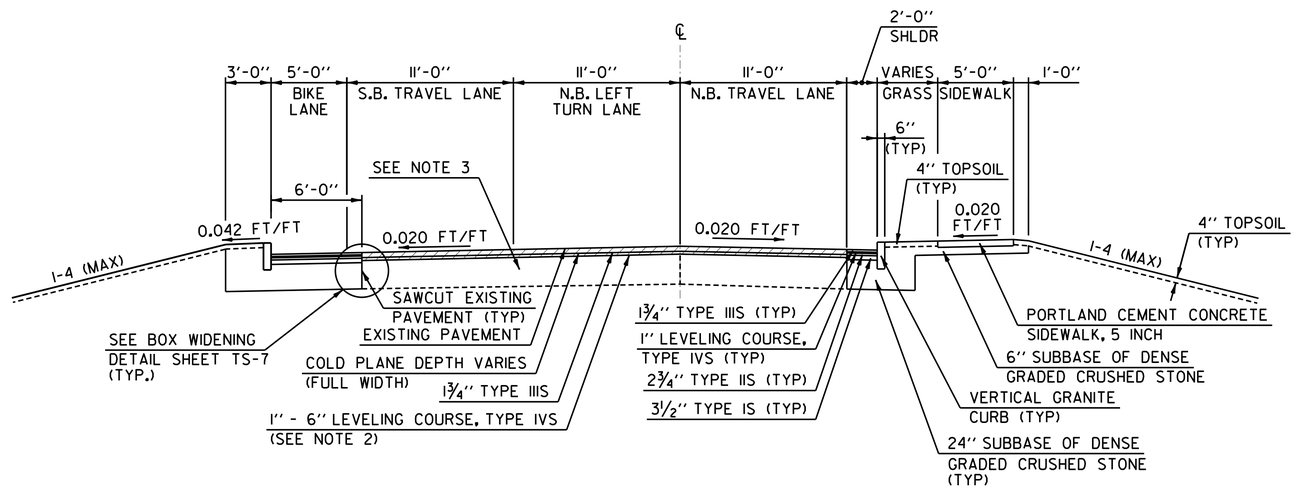
TYPICAL SECTIONS
PINE STREET

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	±1/4''
SUBBASE	± 1''

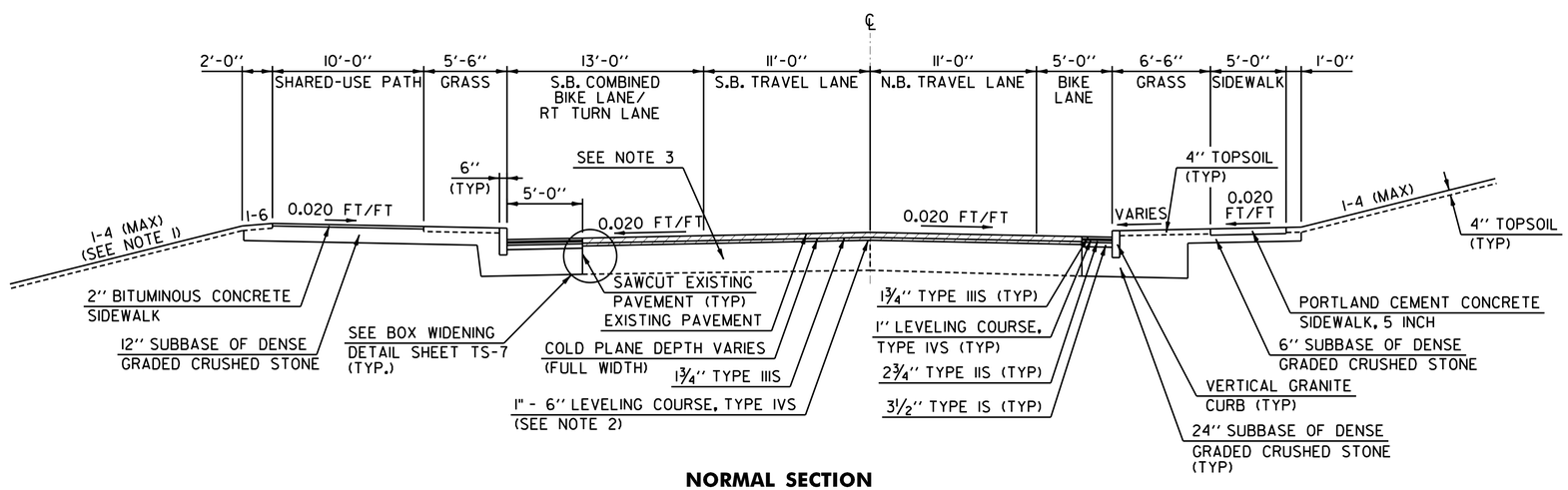
1 3/4" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIIS)
1" - 6" LEVELING COURSE (TYPE IVS)
2 3/4" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIS)
3 1/2'' SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IS)
24'' SUBBASE OF DENSE GRADED CRUSHED STONE

NOTES:

1. THE 1 ON 6 GRADED AREA ADJACENT TO THE SHARED-USE PATH SHALL BE 5' WIDE WHERE THE ADJACENT SIDE SLOPE IS STEEPER THAN 1 ON 3.
2. THE LEVELING COURSE SHALL BE PLACED IN COMPACTED LIFTS NOT TO EXCEED 2''.
3. THE PROPOSED PAVEMENT SHOWN ON DWG TS-7 SHALL BE CONSTRUCTED FULL-DEPTH BETWEEN CURBLINES, ON PINE STREET FROM STA P 13+75.00 TO STA P 16+75.00.



NORMAL SECTION
PINE STREET
STA P 12+25.00 TO STA P 14+49.07



NORMAL SECTION
PINE STREET
STA P 14+49.07 TO STA P 18+00.00

NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078typ_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
TYPICAL SECTION SHEET 3 (TS-3)	SHEET 25 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078typ_c6.dgn
DATE/TIME =2/17/2016
USER =4916

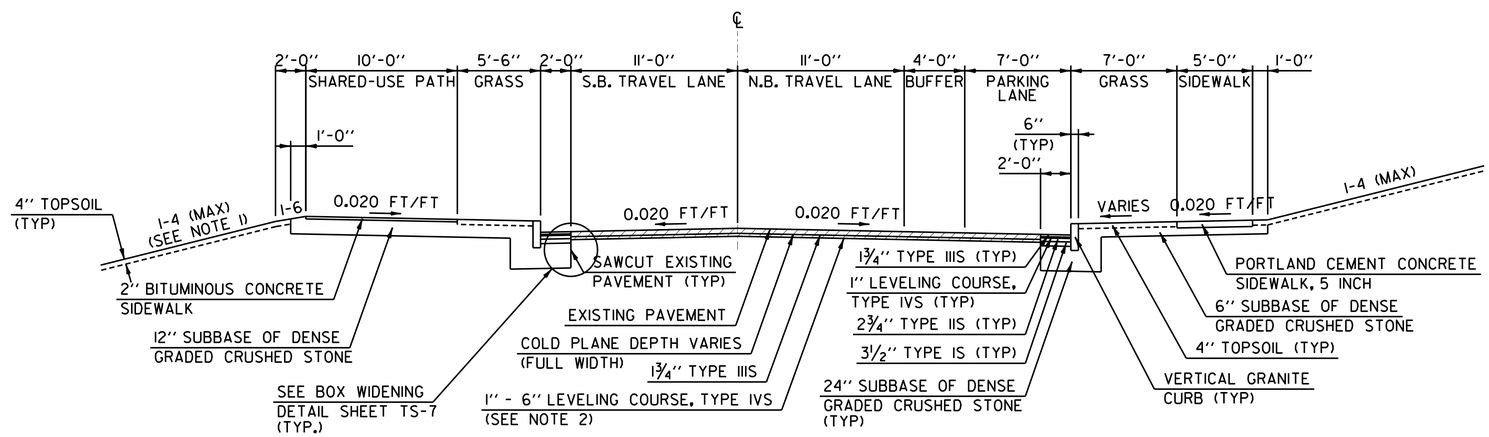
TYPICAL SECTIONS
PINE STREET

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	±1/4''
SUBBASE	± 1''

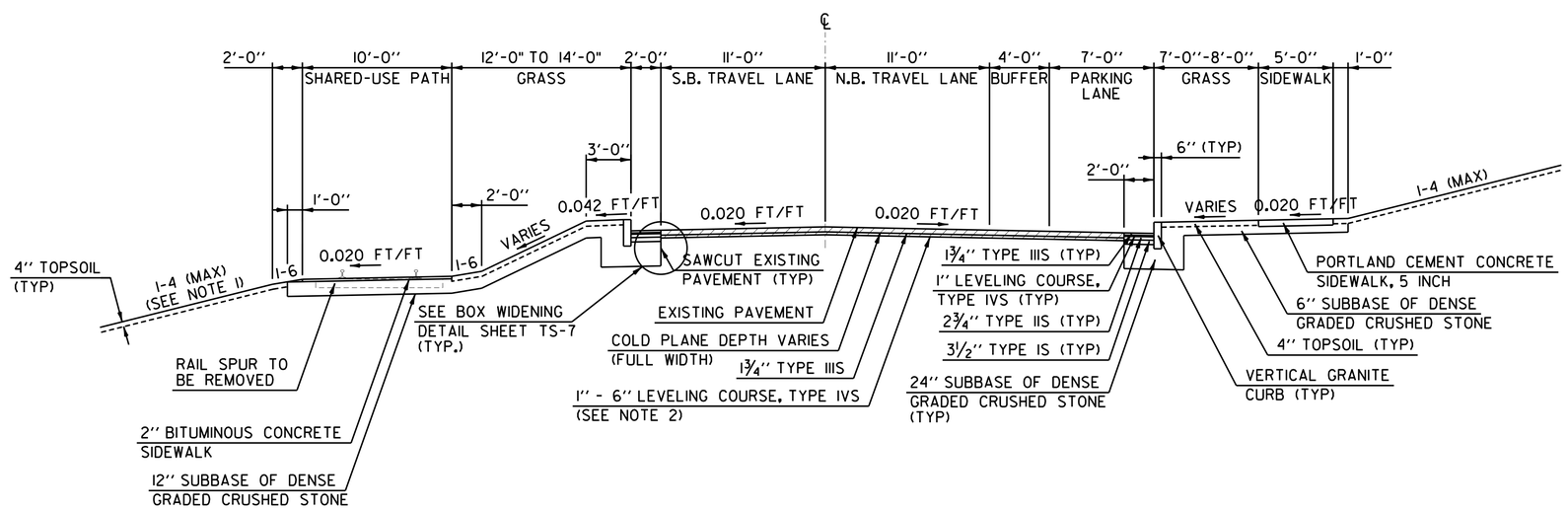
1 3/4" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIIS)
1" - 6" LEVELING COURSE (TYPE IVS)
2 3/4" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIS)
3 1/2'' SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IS)
24'' SUBBASE OF DENSE GRADED CRUSHED STONE

NOTES:

1. THE 1 ON 6 GRADED AREA ADJACENT TO THE SHARED-USE PATH SHALL BE 5' WIDE WHERE THE ADJACENT SIDE SLOPE IS STEEPER THAN 1 ON 3.
2. THE LEVELING COURSE SHALL BE PLACED IN COMPACTED LIFTS NOT TO EXCEED 2''.



PINE STREET
STA P 18+00.00 TO STA P 30+50.00
STA P 48+75.00 TO STA P 49+87.00



PINE STREET
STA P 31+50.00 TO STA P 47+70.00

NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M50001(1) C/6	
FILE NAME: z87d078typ_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
TYPICAL SECTION SHEET 4 (TS-4)	SHEET 26 OF 339

FILE NAME =U:\9659\87D078\Consultants\z87d078typ_c6.dgn
DATE/TIME =2/17/2016
USER =4916

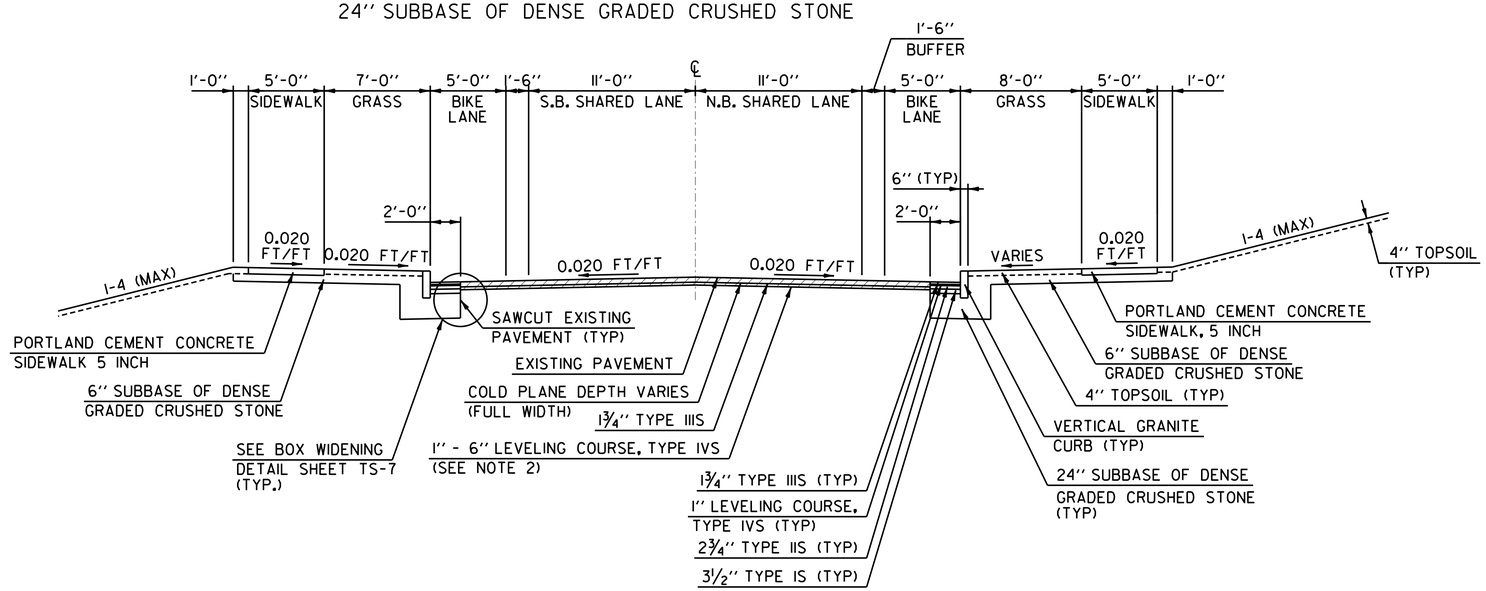
TYPICAL SECTIONS
PINE STREET

NOTE:

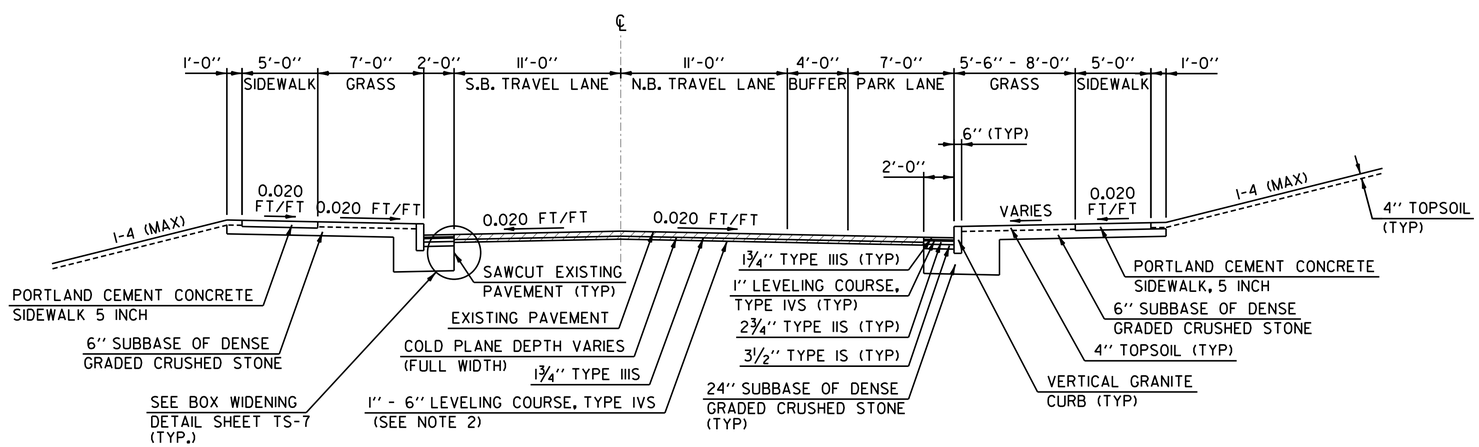
1. THE LEVELING COURSE SHALL BE PLACED IN COMPACTED LIFTS NOT TO EXCEED 2''.

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	±1/4''
SUBBASE	± 1''

1 3/4" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIIS)
1" - 6" LEVELING COURSE (TYPE IVS)
2 3/4" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIS)
3 1/2'' SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IS)
24'' SUBBASE OF DENSE GRADED CRUSHED STONE



PINE STREET
STA P 49+87.00 TO STA P 59+37.94



PINE STREET
STA P 59+37.94 TO STA P 65+35.00

NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078typ_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
TYPICAL SECTION SHEET 5 (TS-5)	SHEET 27 OF 339

FILE NAME =H:\8658\870078\Consultants\z87d078typ.c6.dgn
DATE/TIME =2/17/2016
USER =4916

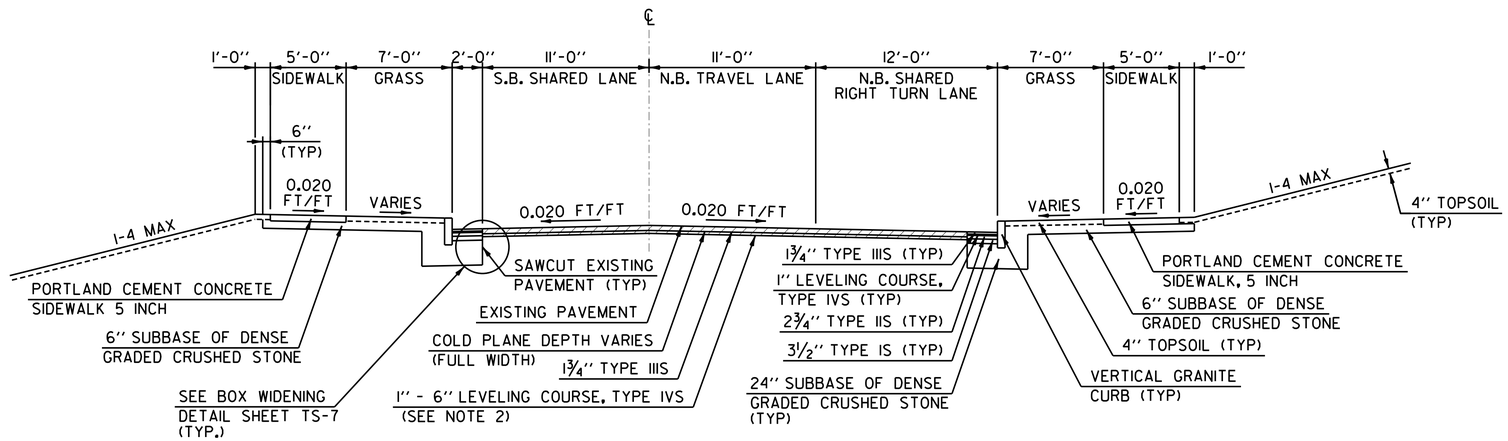
TYPICAL SECTIONS
PINE STREET

NOTE:

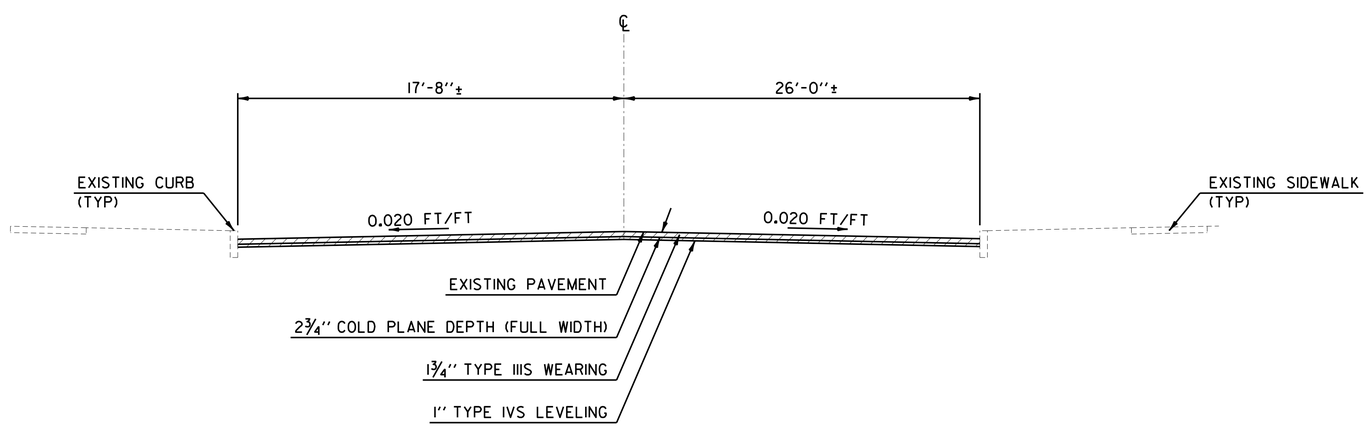
1. THE LEVELING COURSE SHALL BE PLACED IN COMPACTED LIFTS NOT TO EXCEED 2".

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT COURSES (TOTAL DEPTH)	±1/4"
SUBBASE	± 1"

1 3/4" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIIS)
1" - 6" LEVELING COURSE (TYPE IVS)
2 3/4" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIS)
3 1/2" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IS)
24" SUBBASE OF DENSE GRADED CRUSHED STONE



PINE STREET
STA P 66+35.00 TO STA P 67+25.00



PINE STREET
STA P 67+25.00 TO STA P 68+60.00

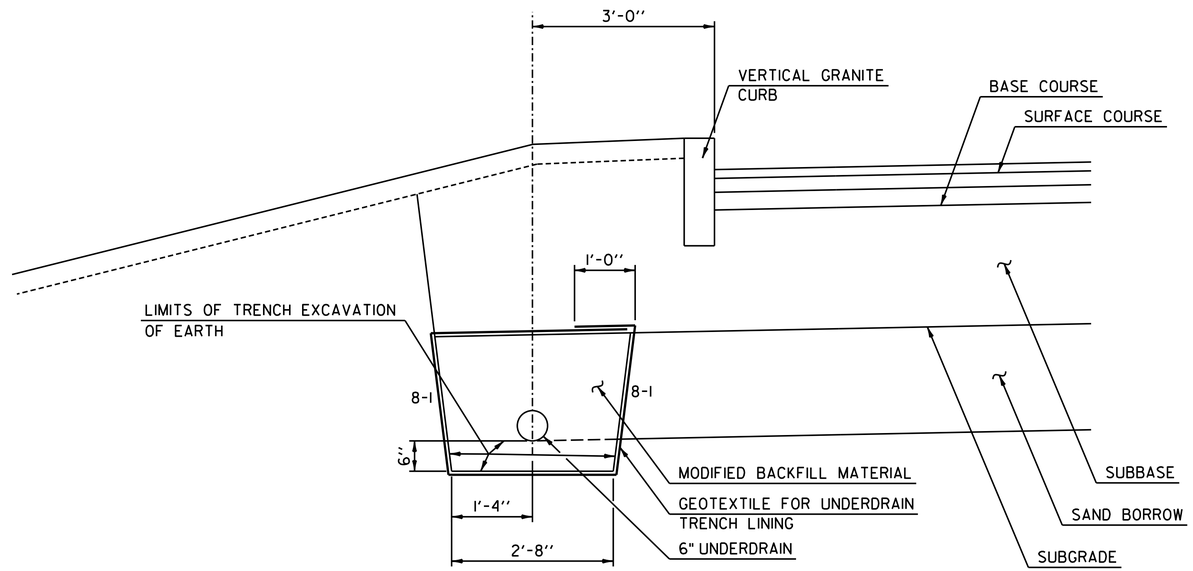
NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078typ_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
TYPICAL SECTION SHEET 6 (TS-6)	SHEET 28 OF 339

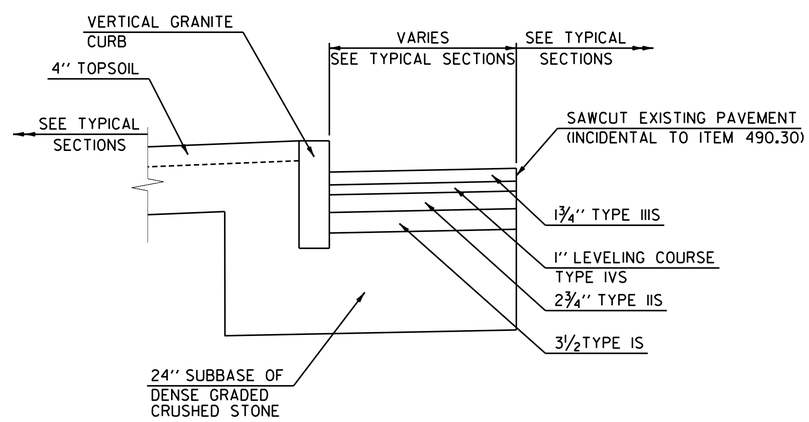
FILE NAME =U:\8659\870878\Consultants\z87d078typ_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TYPICAL SECTIONS
MISCELLANEOUS DETAILS



TYPICAL UNDERDRAIN DETAIL

CHAMPLAIN PARKWAY STA 221+25.00 TO STA 223+50.00
LAKESIDE AVENUE STA LA 106+08.00 TO STA LA 114+37.56



BOX WIDENING DETAIL

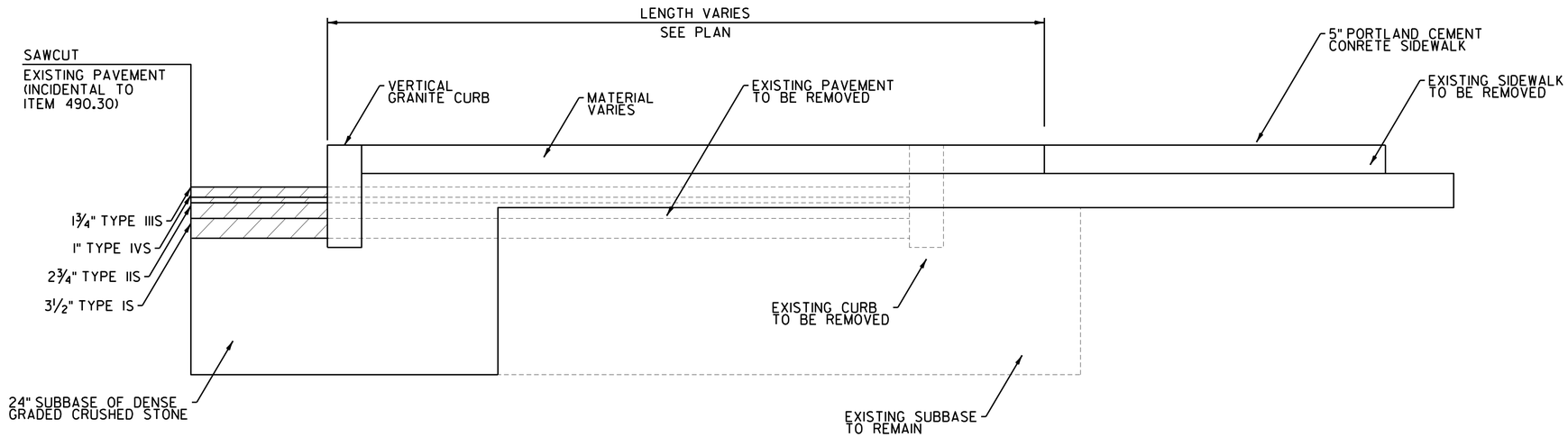
NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078typ_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
TYPICAL SECTION SHEET 7 (TS-7)	SHEET 29 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078typ_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TYPICAL SECTIONS
MISCELLANEOUS DETAILS



TYPICAL CURB EXTENSION DETAIL

NOT TO SCALE

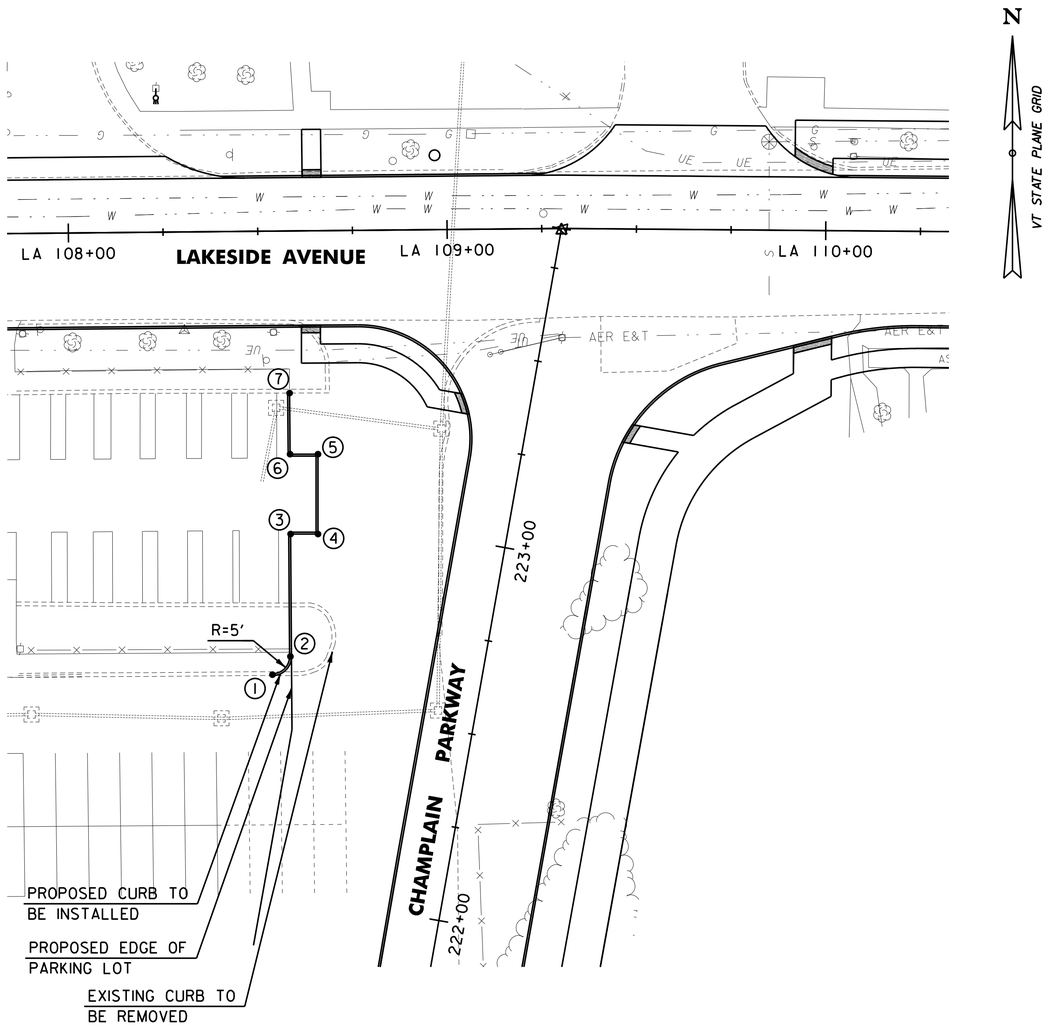
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078typ_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
TYPICAL SECTION SHEET 8 (TS-8)	SHEET 30 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078typ_c6.dgn
DATE/TIME =2/17/2016
USER =4916

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA MD 1+57.0 - STA MD 1+62.0 RT (53.0 LF)

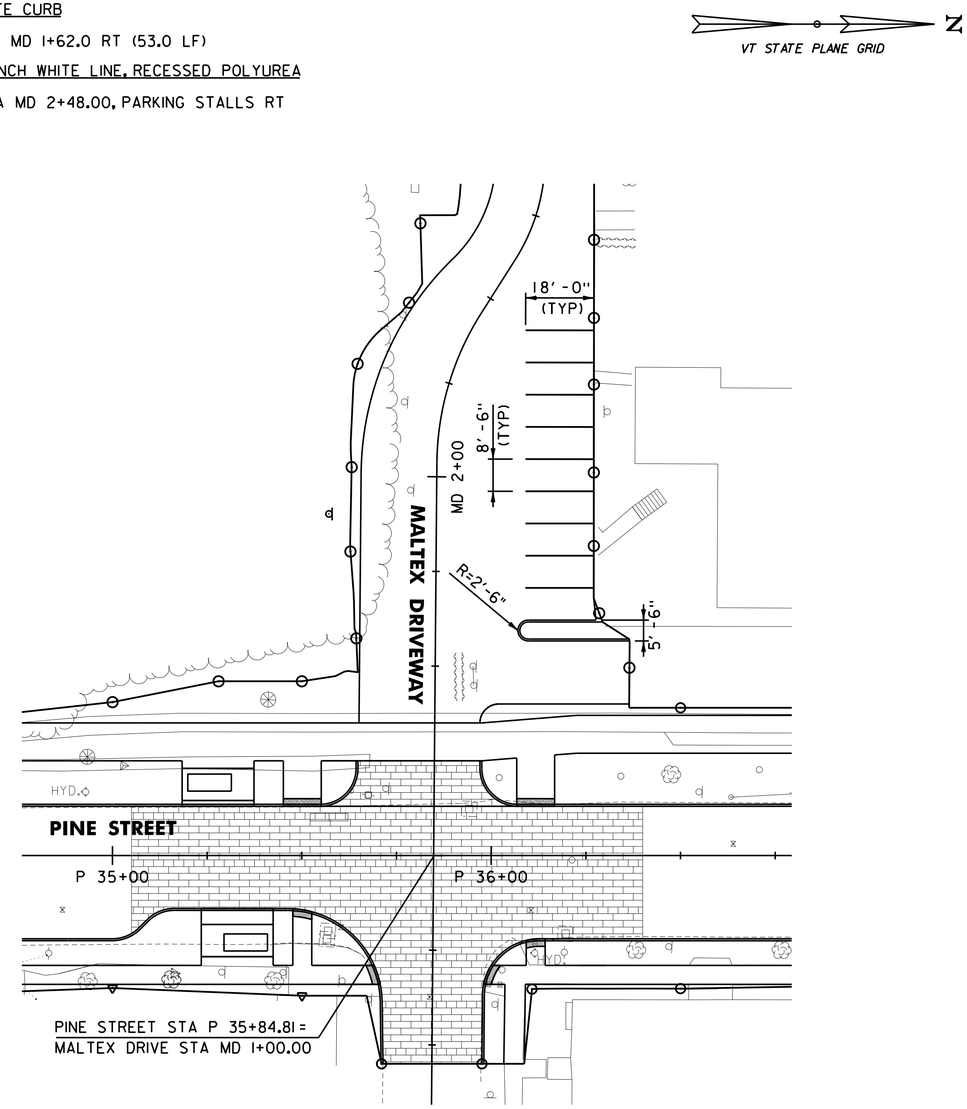
646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
BURLINGTON:
STA MD 1+71.00 - STA MD 2+48.00, PARKING STALLS RT



MILLER PROPERTY
CURB LAYOUT DETAIL

0 20 40
SCALE IN FEET

CURB LAYOUT TABLE		
POINT	NORTHING	EASTING
1	15576.457	53242.699
2	15581.256	53247.449
3	15613.590	53247.497
4	15613.590	53254.724
5	15634.675	53254.724
6	15634.675	53247.348
7	15650.813	53247.235



MALTEX DRIVEWAY LAYOUT DETAIL

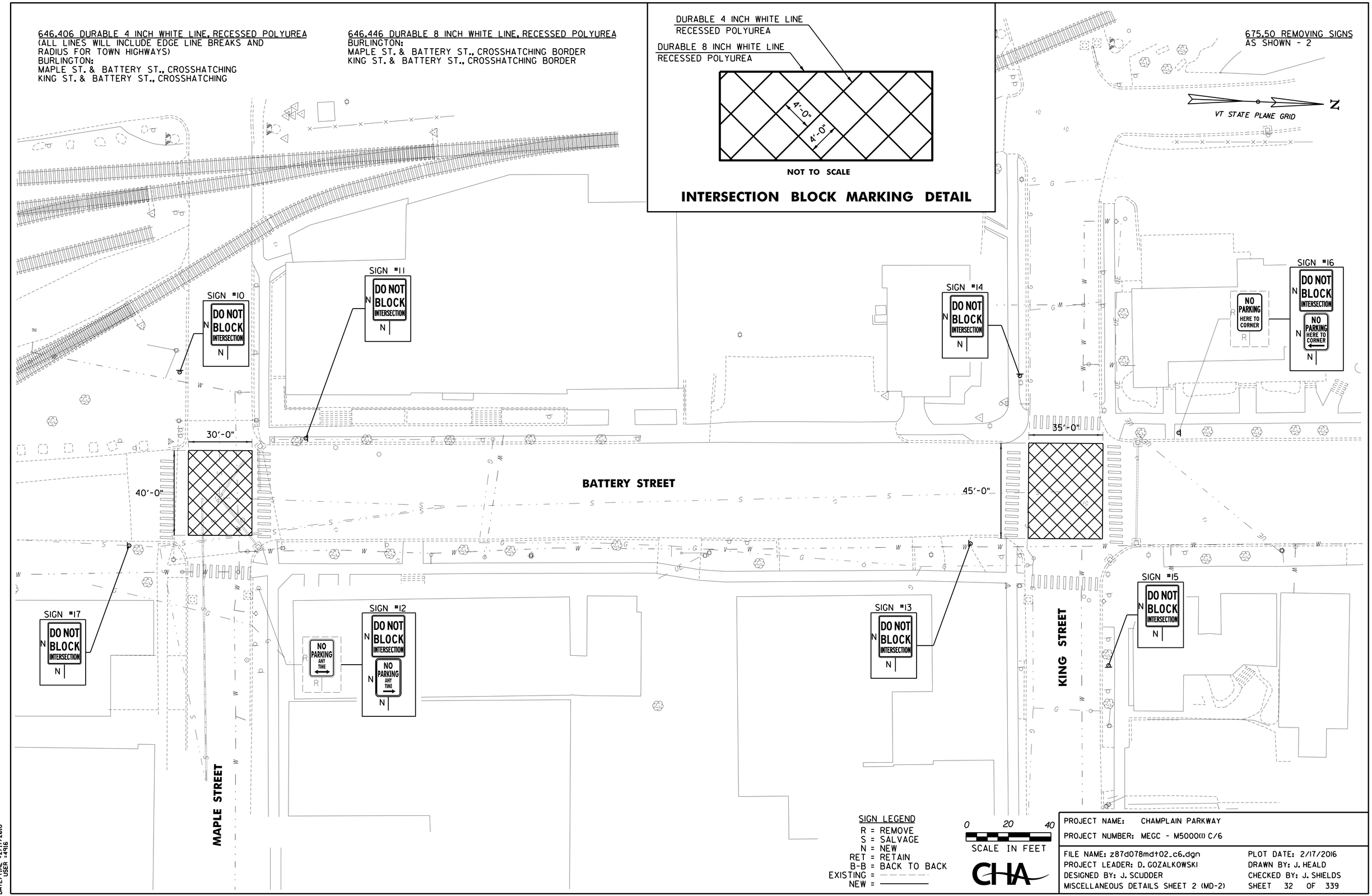
0 20 40
SCALE IN FEET

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

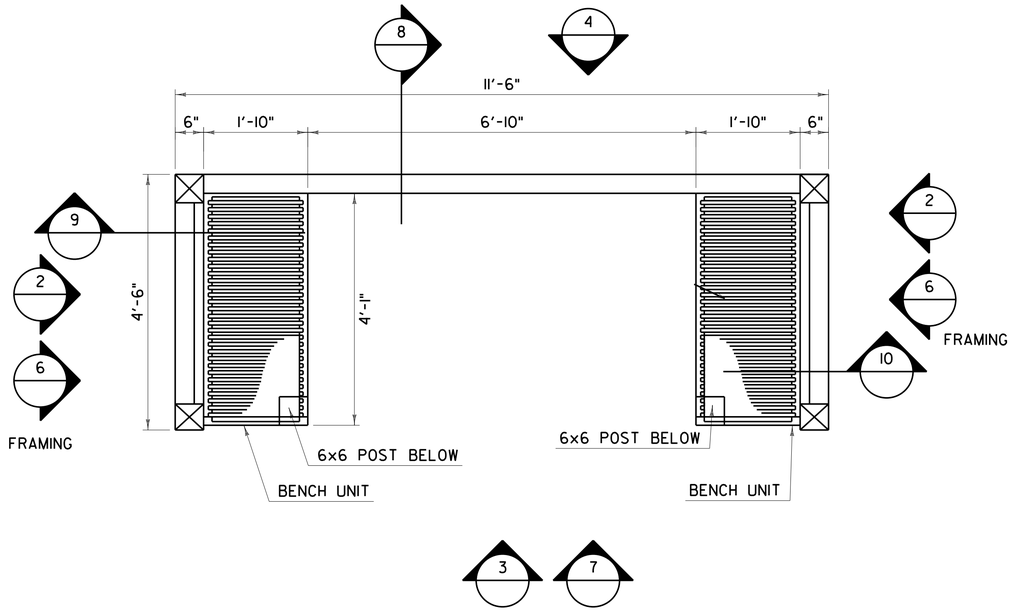
FILE NAME: z87d078md101_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
MISCELLANEOUS DETAILS SHEET 1 (MD-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 31 OF 339

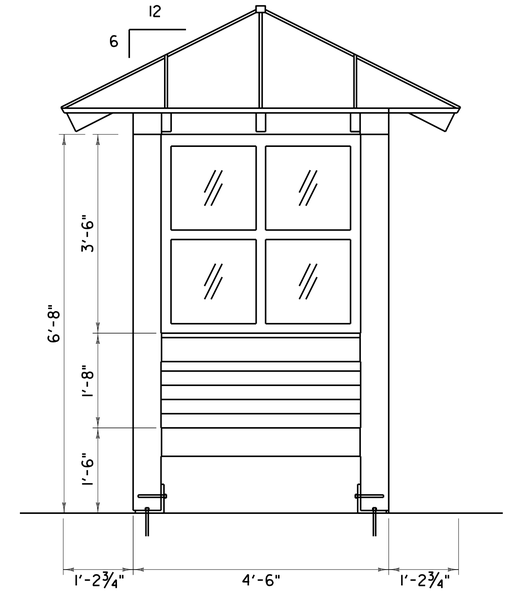
FILE NAME =U:\9659\870078\Consultants\z87d078md01_c6.dgn
DATE/TIME =2/17/2016
USER =4916



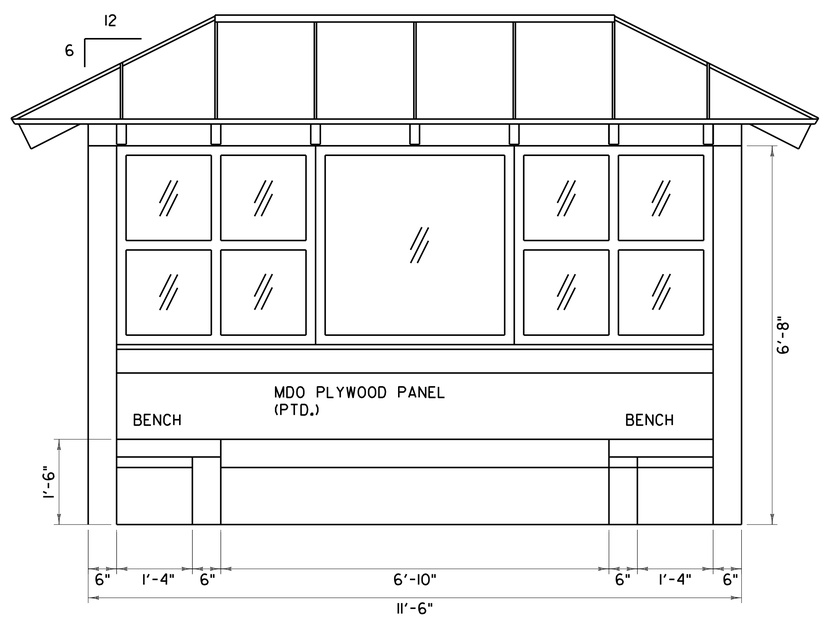
646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
MAPLE ST. & BATTERY ST., CROSSHATCHING
KING ST. & BATTERY ST., CROSSHATCHING
646.446 DURABLE 8 INCH WHITE LINE, RECESSED POLYUREA
BURLINGTON:
MAPLE ST. & BATTERY ST., CROSSHATCHING BORDER
KING ST. & BATTERY ST., CROSSHATCHING BORDER
DURABLE 4 INCH WHITE LINE
RECESSED POLYUREA
DURABLE 8 INCH WHITE LINE
RECESSED POLYUREA
4'-0"
4'-0"
NOT TO SCALE
INTERSECTION BLOCK MARKING DETAIL
675.50 REMOVING SIGNS
AS SHOWN - 2
VT STATE PLANE GRID
N
SIGN #10
DO NOT BLOCK INTERSECTION
SIGN #11
DO NOT BLOCK INTERSECTION
SIGN #14
DO NOT BLOCK INTERSECTION
SIGN #16
DO NOT BLOCK INTERSECTION
NO PARKING HERE TO CORNER
NO PARKING HERE TO CORNER
30'-0"
40'-0"
35'-0"
45'-0"
BATTERY STREET
SIGN #17
DO NOT BLOCK INTERSECTION
SIGN #12
DO NOT BLOCK INTERSECTION
NO PARKING ANY TIME
NO PARKING ANY TIME
SIGN #13
DO NOT BLOCK INTERSECTION
SIGN #15
DO NOT BLOCK INTERSECTION
KING STREET
MAPLE STREET
SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING =
NEW =
0 20 40
SCALE IN FEET
CHA
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6
FILE NAME: z87d078mdt02_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
MISCELLANEOUS DETAILS SHEET 2 (MD-2)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 32 OF 339
FILE NAME =U:\8659\87D078\Consultants\z87d078mdt02_c6.dgn
DATE/TIME =2/17/2016
USER =4916



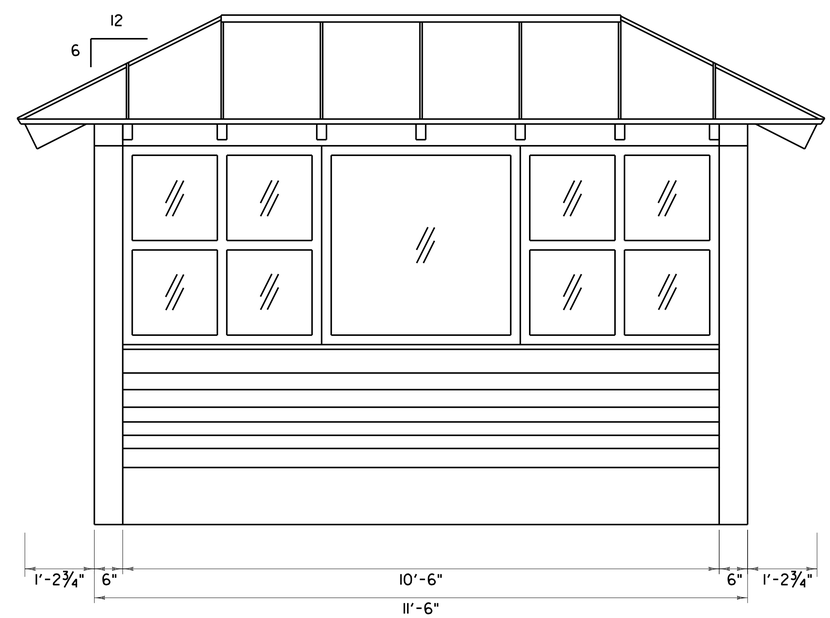
1 FLOOR PLAN
SCALE: 3/8" = 1'-0"



2 END ELEVATION (TYP.)
SCALE: 3/8" = 1'-0"



3 FRONT INTERIOR ELEVATION
SCALE: 3/8" = 1'-0"



4 REAR ELEVATION
SCALE: 3/8" = 1'-0"

BUS SHELTER DETAILS

BURLINGTON: STA P 35+28.00 LT
STA P 35+33.00 RT
STA P 49+60.00 RT

NOTE:

1. BUS SHELTERS TO BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (BUS SHELTER AND FOUNDATION).
2. BUS SHELTER DETAILS PROVIDED BY CCTA. BUS SHELTERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CCTA SPECIFICATIONS.

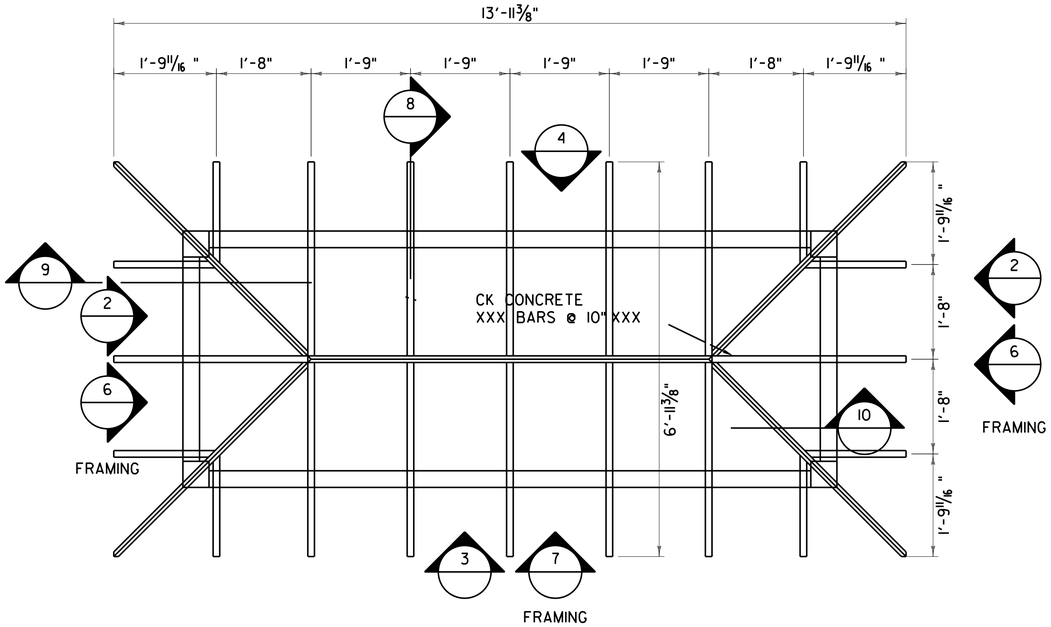
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

CHA

FILE NAME: z87d078md+03_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
MISCELLANEOUS DETAILS SHEET 3 (MD-3)

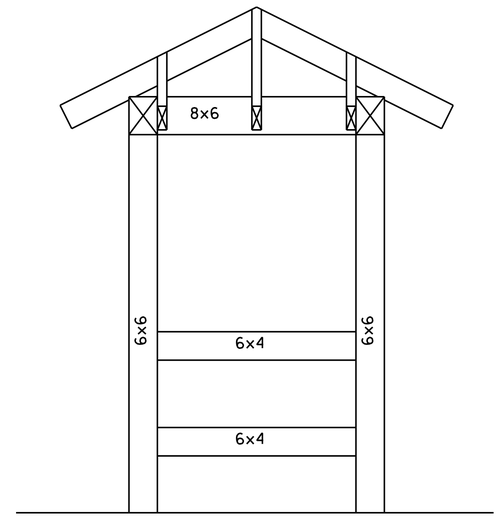
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 33 OF 339

FILE NAME =U:\855\87D078\Consultants\z87d078md03_c6.dgn
DATE/TIME =2/17/2016
USER =4916

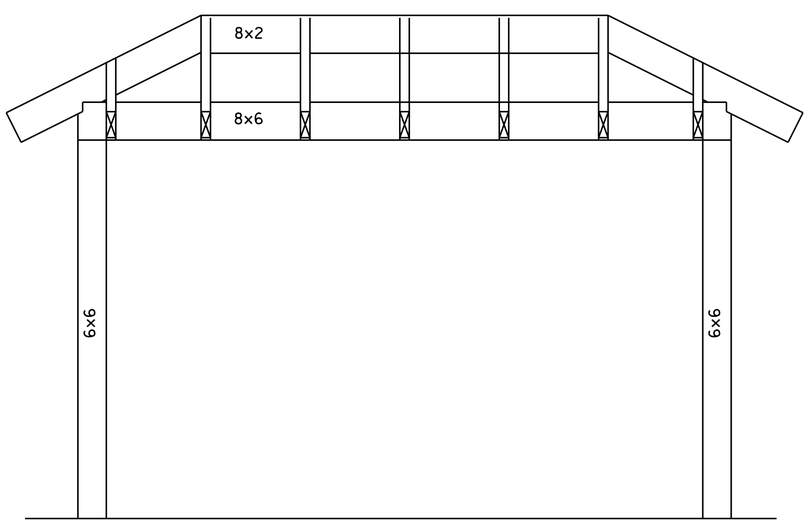


NOTES: - JACK AND COMMON RAFTERS ARE 2x6. - HIP RAFTERS ARE 2x7 - RIDGE BEAM IS 2x8

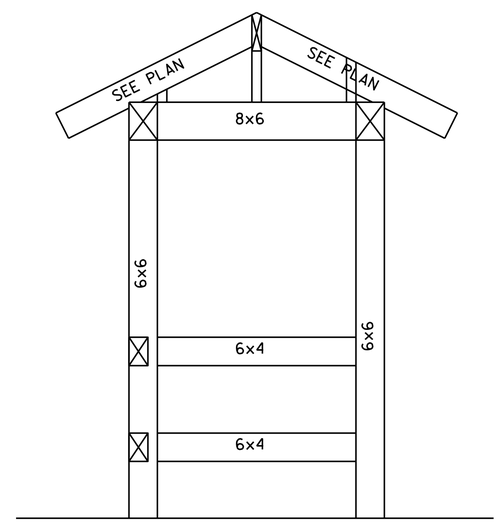
5 ROOF FRAMING
SCALE: 3/8" = 1'-0"



6 END FRAMING-ELEVATION
SCALE: 3/8" = 1'-0"



7 FRONT/REAR FRAMING - ELEVATION
SCALE: 3/8" = 1'-0"



8 END FRAMING-SECTION
SCALE: 3/8" = 1'-0"

BUS SHELTER DETAILS

BURLINGTON: STA P 35+28.00 LT
STA P 35+33.00 RT
STA P 49+60.00 RT

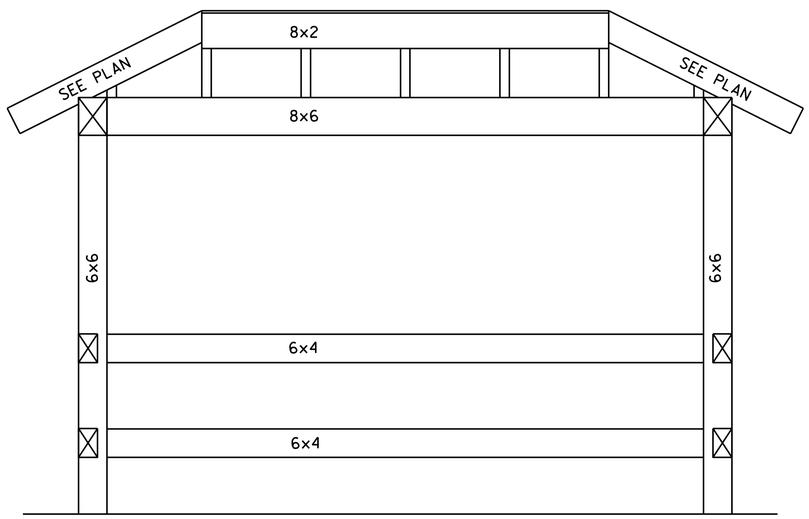
NOTE:

1. BUS SHELTERS TO BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (BUS SHELTER AND FOUNDATION).
2. BUS SHELTER DETAILS PROVIDED BY CCTA. BUS SHELTERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CCTA SPECIFICATIONS.

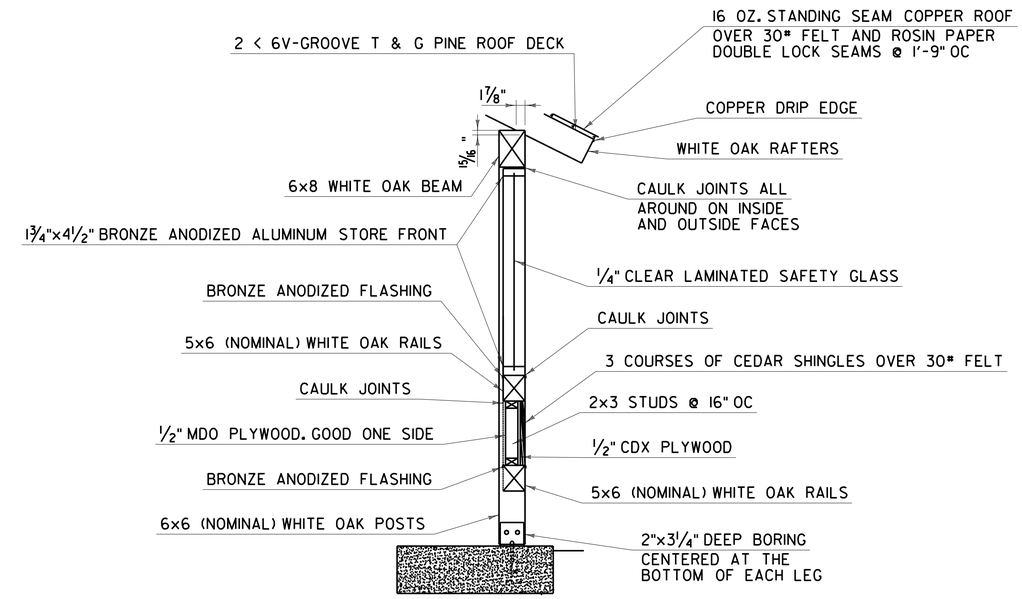
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078md+03_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MISCELLANEOUS DETAILS SHEET 4 (MD-4)	SHEET 34 OF 339

FILE NAME =U:\8659\87D078\Consultants\z87d078md03_c6.dgn
DATE/TIME =2/17/2016
USER =4916



9 FRONT/REAR FRAMING - SECTION
SCALE: 3/8" = 1'-0"



10 WALL SECTION
SCALE: 3/8" = 1'-0"

BUS SHELTER DETAILS

BURLINGTON: STA P 35+28.00 LT
STA P 35+33.00 RT
STA P 49+60.00 RT

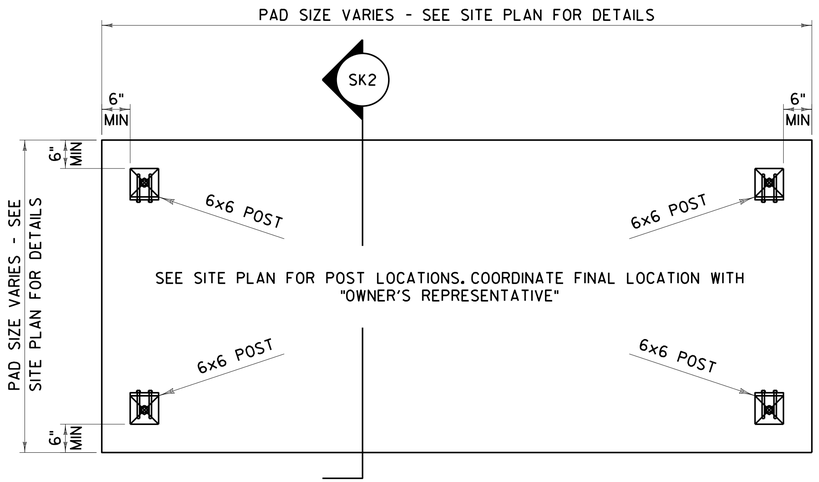
NOTE:

1. BUS SHELTERS TO BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (BUS SHELTER AND FOUNDATION).
2. BUS SHELTER DETAILS PROVIDED BY CCTA. BUS SHELTERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CCTA SPECIFICATIONS.

CHA

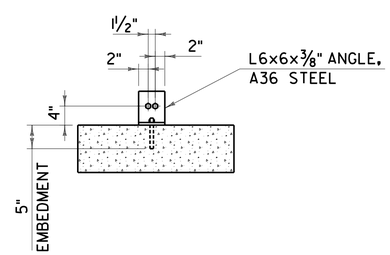
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078md+03_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MISCELLANEOUS DETAILS SHEET 5 (MD-5)	SHEET 35 OF 339

FILE NAME =U:\86559\870878\Consultants\z87d078md+03.c6.dgn
DATE/TIME =2/17/2016
USER =4916

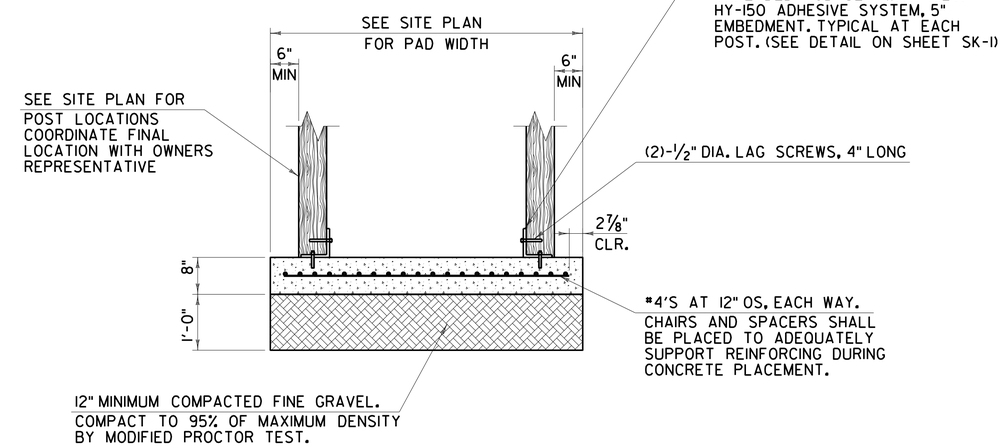


FOUNDATION PLAN
SCALE: 3/8" = 1'-0"

WHERE STANDING WATER, CLAY SOILS, ORGANIC MATERIAL ARE ENCOUNTERED BELOW PROPOSED FOOTING, CONTACT THE OWNERS REPRESENTATIVE FOR ADDITIONAL DIRECTION PRIOR TO PROCEEDING WITH THE PLACEMENT OF CONCRETE.



HOLD DOWN ANGLE
SCALE: 3/8" = 1'-0"



SK-2 FOUNDATION SECTION
SCALE: 3/8" = 1'-0"

BUS SHELTER DETAILS

BURLINGTON: STA P 35+28.00 LT
STA P 35+33.00 RT
STA P 49+60.00 RT

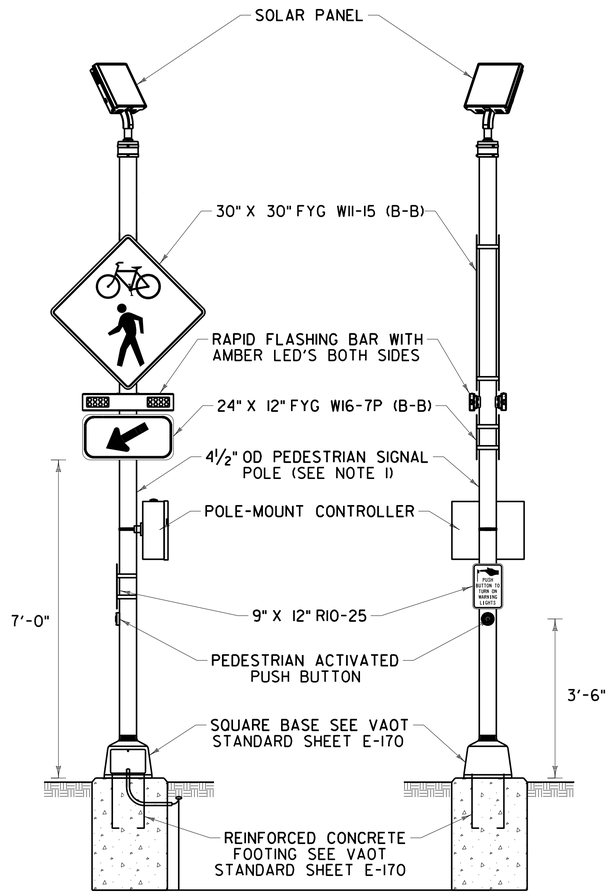
NOTE:

1. BUS SHELTERS TO BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (BUS SHELTER AND FOUNDATION).
2. BUS SHELTER DETAILS PROVIDED BY CCTA. BUS SHELTERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CCTA SPECIFICATIONS.

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078md+03_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MISCELLANEOUS DETAILS SHEET 6 (MD-6)	SHEET 36 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078md03.c6.dgn
DATE/TIME =2/17/2016
USER =4916



SOLAR RECTANGULAR RAPID FLASHING BEACON DETAIL

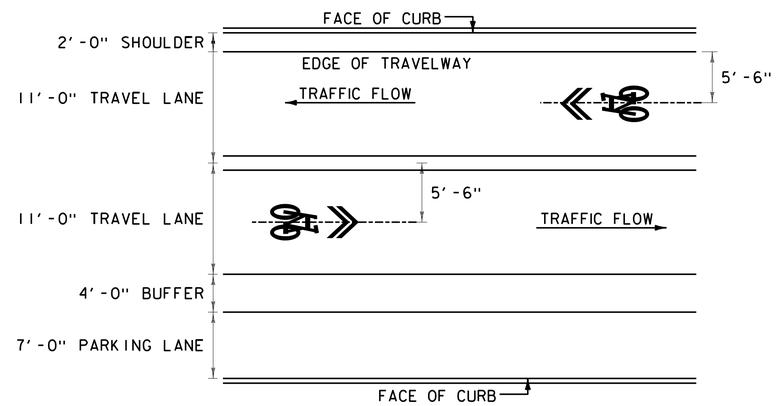
BURLINGTON:

STA P 39+36.0 RT
STA P 39+50.0 LT

NOTES:

1. ALUMINUM POSTS AND BASES SHALL HAVE A SPUN FINISH.

2. SIGNS SHALL BE PAID FOR UNDER ITEM 675.20. ALL OTHER WORK SHALL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (RECTANGULAR RAPID FLASHING BEACON)



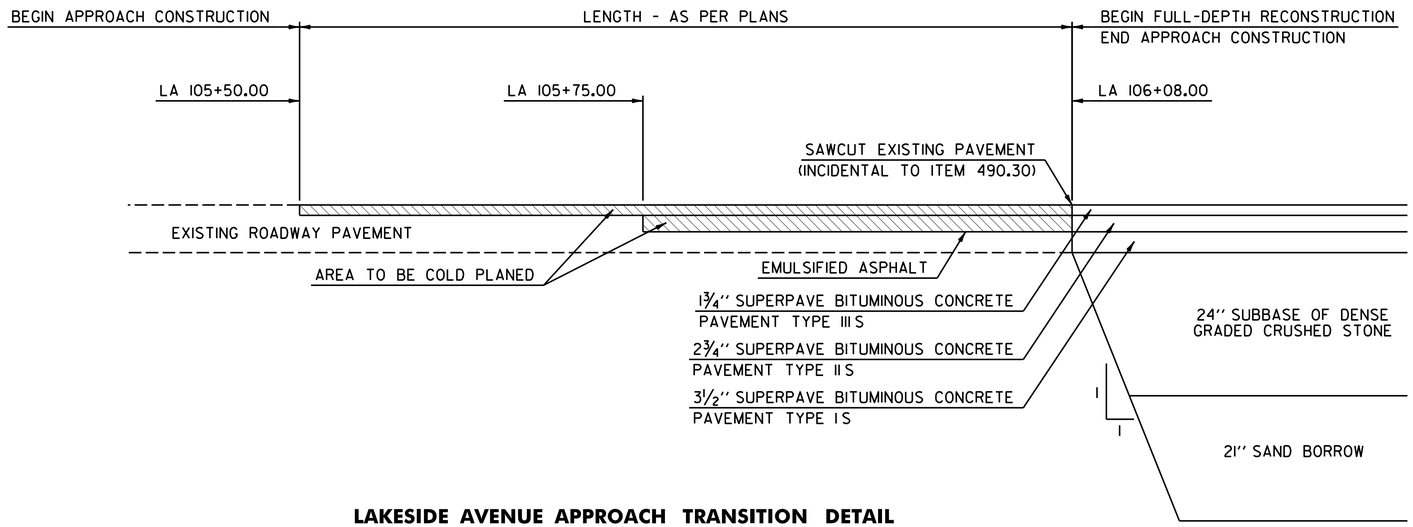
SHARED LANE MARKING PLACEMENT DETAIL

NOT TO SCALE

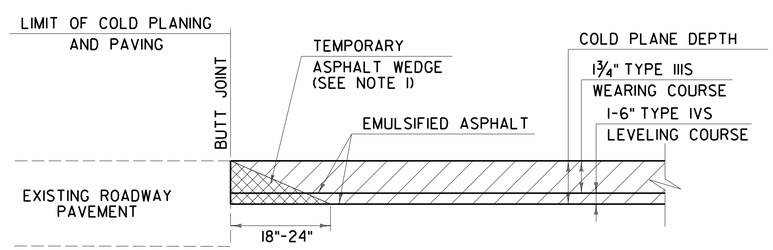
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078md104_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MISCELLANEOUS DETAILSSHEET 7 (MD-7)	SHEET 37 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078md104_c6.dgn
DATE/TIME =2/17/2016
USER =4916



LAKESIDE AVENUE APPROACH TRANSITION DETAIL



COLD PLANE APPROACH TRANSITION DETAIL

LOCUST STREET	STA P 20+41.10
PINE PLACE	STA P 44+79.35
MAPLE STREET	STA P 59+37.94
KING STREET	STA P 63+42.75
MAIN STREET	STA P 67+60.72

NOTE:

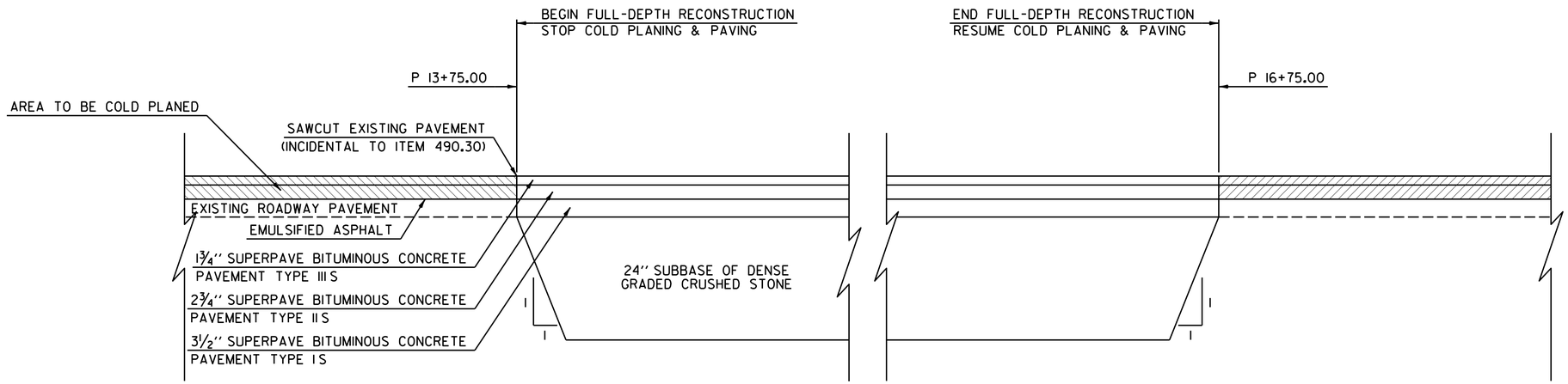
1. TEMPORARY ASPHALT WEDGE SHALL BE REMOVED PRIOR TO PAVING. COST TO BE CONSIDERED INCIDENTAL TO PAVING UNDER ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

NOT TO SCALE

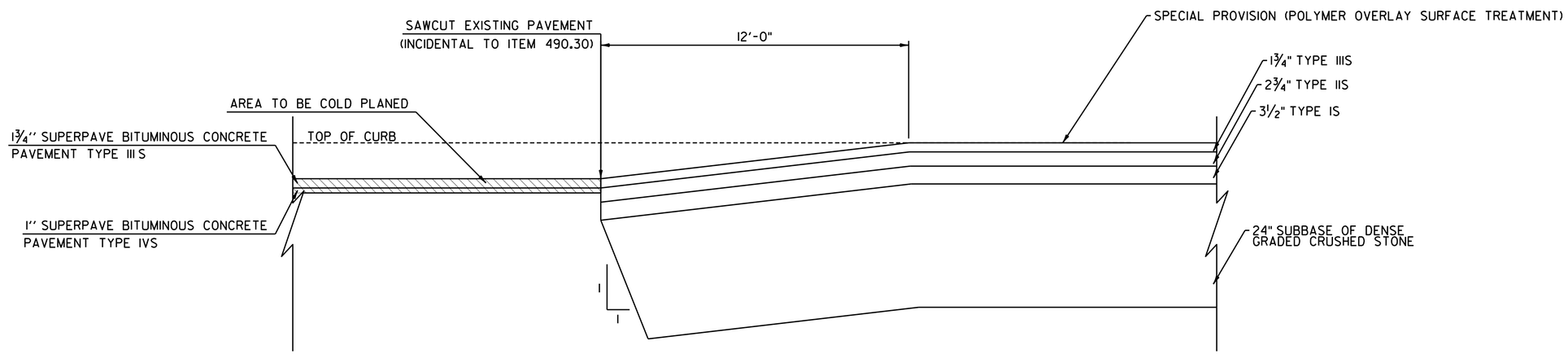
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pd_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PAVING DETAILS SHEET 1 (P-1)	SHEET 38 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078pd_c6.dgn
DATE/TIME =2/17/2016
USER =4916



PINE STREET APPROACH TRANSITION DETAIL



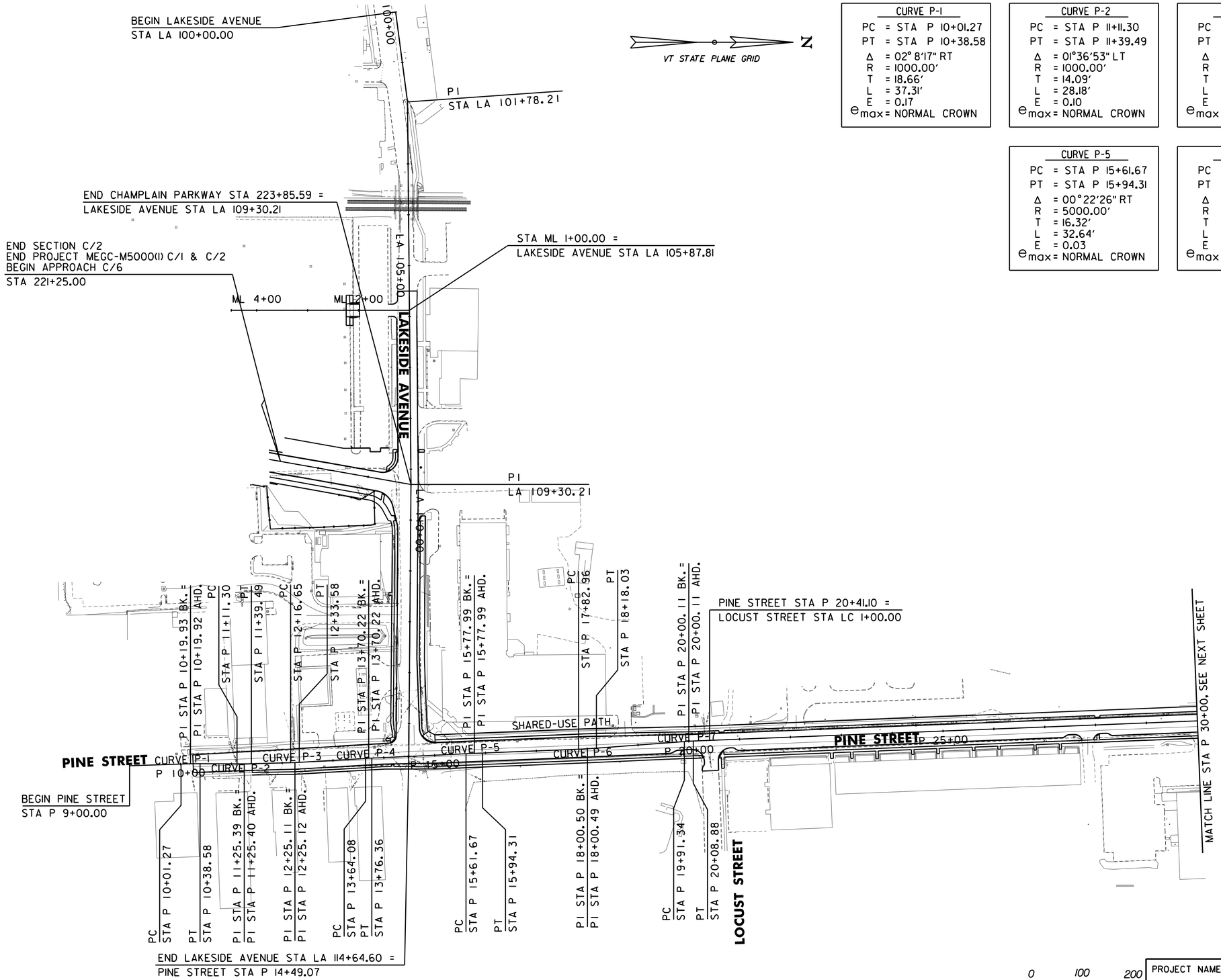
RAISED INTERSECTION TRANSITION DETAIL

NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pd_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PAVING DETAILS SHEET 2 (P-2)	SHEET 39 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078pd_c6.dgn
DATE/TIME =2/17/2016
USER =4916



CURVE P-1	CURVE P-2	CURVE P-3	CURVE P-4
PC = STA P 10+01.27	PC = STA P 11+11.30	PC = STA P 12+16.65	PC = STA P 13+64.08
PT = STA P 10+38.58	PT = STA P 11+39.49	PT = STA P 12+33.58	PT = STA P 13+76.36
Δ = 02° 8'17" RT	Δ = 01°36'53" LT	Δ = 01°56'22" LT	Δ = 00°42'12" RT
R = 1000.00'	R = 1000.00'	R = 500.00'	R = 1000.00'
T = 18.66'	T = 14.09'	T = 8.46'	T = 6.14'
L = 37.31'	L = 28.18'	L = 16.93'	L = 12.28'
E = 0.17	E = 0.10	E = 0.07	E = 0.02
e_{max} = NORMAL CROWN	e_{max} = NORMAL CROWN	e_{max} = NORMAL CROWN	e_{max} = NORMAL CROWN

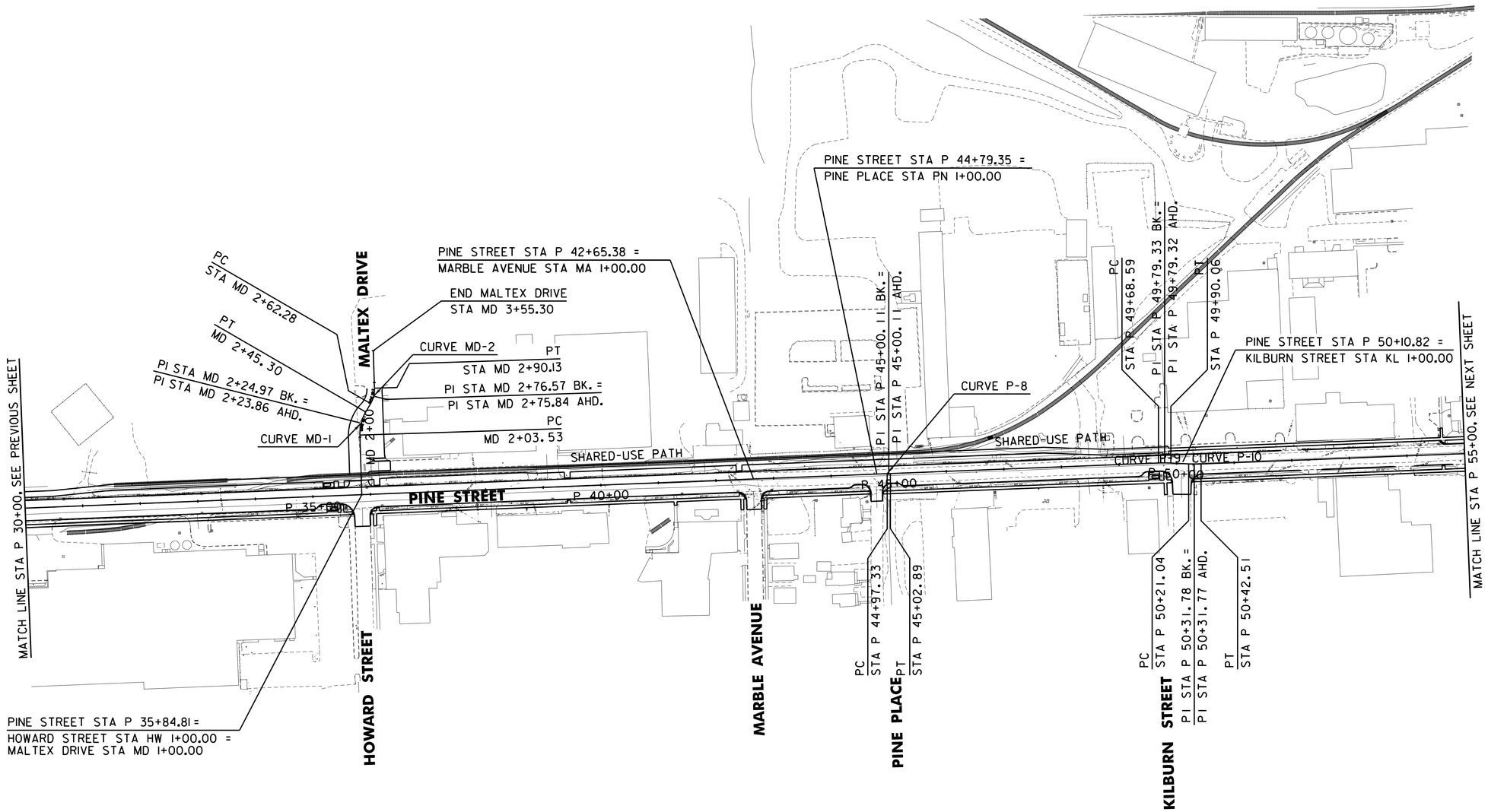
CURVE P-5	CURVE P-6	CURVE P-7
PC = STA P 15+61.67	PC = STA P 17+82.96	PC = STA P 19+91.34
PT = STA P 15+94.31	PT = STA P 18+18.03	PT = STA P 20+08.88
Δ = 00°22'26" RT	Δ = 02° 00'35" LT	Δ = 02°00'35" RT
R = 5000.00'	R = 1000.00'	R = 500.00'
T = 16.32'	T = 17.54'	T = 8.77'
L = 32.64'	L = 35.07'	L = 17.54'
E = 0.03	E = 0.15	E = 0.08
e_{max} = NORMAL CROWN	e_{max} = NORMAL CROWN	e_{max} = NORMAL CROWN

0 100 200
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdralg_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
ALIGNMENT PLAN SHEET 1 (ALN-1)	SHEET 40 OF 339

FILE NAME =U:\8658\870878\Consultants\z87d078bdralg_c6.dgn
DATE/TIME =2/17/2016
USER =4916



CURVE MD-1	
PC	= STA MD 2+03.53
PT	= STA MD 2+45.30
Δ	= 31°54'36" RT
R	= 75.00'
T	= 21.44'
L	= 41.77'
E	= 3.00
e_{max}	= N/A

CURVE MD-2	
PC	= STA MD 2+62.28
PT	= STA MD 2+90.13
Δ	= 31°54'36" LT
R	= 50.00'
T	= 14.29'
L	= 27.85'
E	= 2.00
e_{max}	= N/A

CURVE P-8	
PC	= STA P 44+97.33
PT	= STA P 45+02.89
Δ	= 00°02'44" RT
R	= 7000.00'
T	= 2.78
L	= 5.56
E	= 0.00
e_{max}	= NORMAL CROWN

CURVE P-9	
PC	= STA P 49+68.59
PT	= STA P 49+90.06
Δ	= 04°55'15" RT
R	= 250.00'
T	= 10.74'
L	= 21.47'
E	= 0.23
e_{max}	= NORMAL CROWN

CURVE P-10	
PC	= STA P 50+21.04
PT	= STA P 50+42.51
Δ	= 04°55'15" LT
R	= 250.00'
T	= 10.74'
L	= 21.47'
E	= 0.23
e_{max}	= NORMAL CROWN

0 100 200
SCALE IN FEET

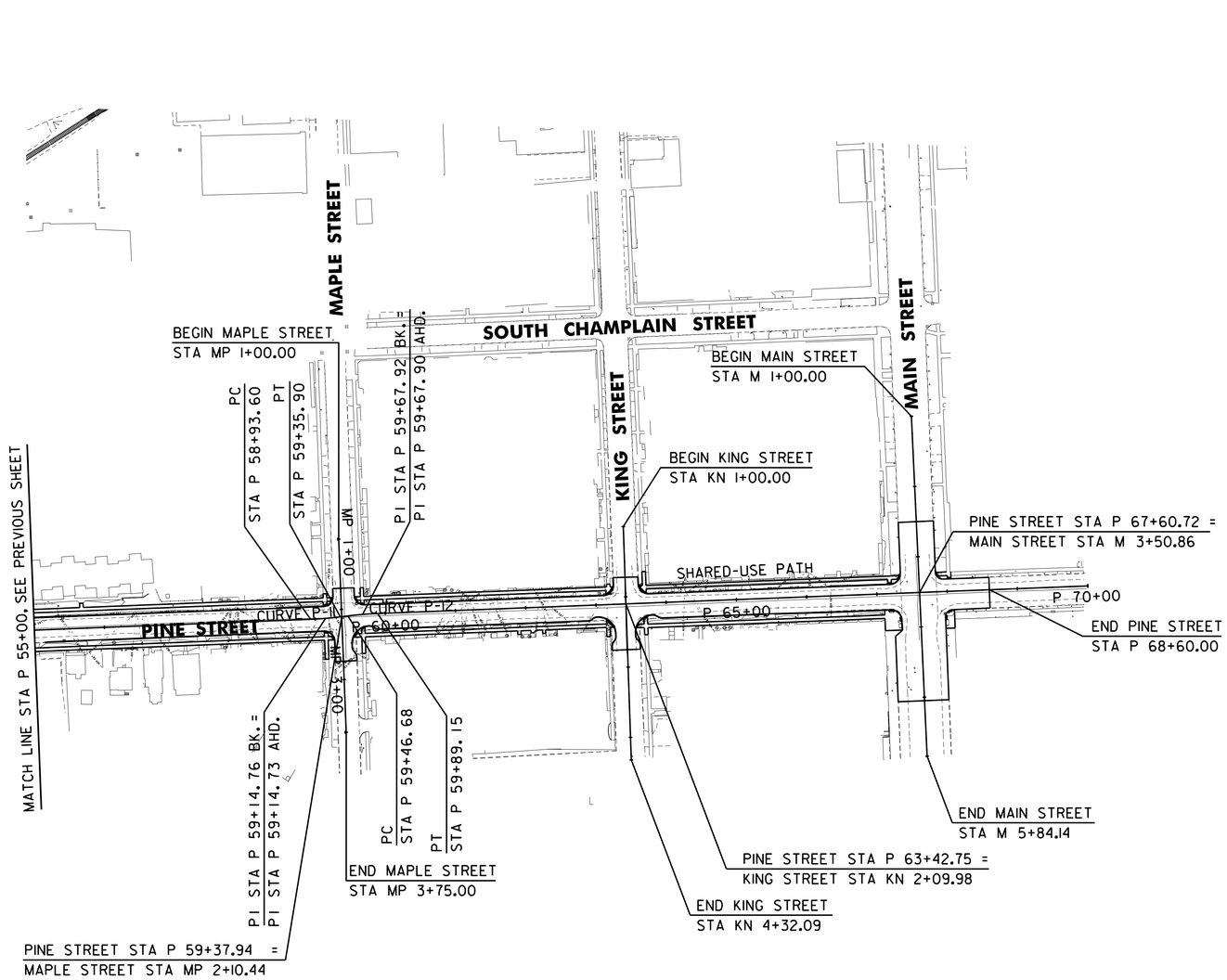
CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdralg_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
ALIGNMENT PLAN SHEET 2 (ALN-2)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 41 OF 339

FILE NAME =U:\86591\870078\Consultants\z87d078bdralg_c6.dgn
DATE/TIME =2/17/2016
USER =4916



CURVE P-11	
PC	= STA P 58+93.60
PT	= STA P 59+55.90
Δ	= 04°50'52" LT
R	= 500.00'
T	= 21.17'
L	= 42.31'
E	= 0.45
e_{max}	= NORMAL CROWN

CURVE P-12	
PC	= STA P 59+46.68
PT	= STA P 59+89.15
Δ	= 04°51'59" RT
R	= 500.00'
T	= 21.25'
L	= 42.47'
E	= 0.45
e_{max}	= NORMAL CROWN

0 100 200
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdralg_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
ALIGNMENT PLAN SHEET 3 (ALN-3)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 42 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdralg_c6.dgn
DATE/TIME =2/17/2016
USER =4916

HORIZONTAL CONTROL TABLE

HCL POINT	COORDINATES		HCL STATION	DESCRIPTION
	NORTH	EAST		
CHAMPLAIN PARKWAY				
BEGIN C/6 CHAMPLAIN PARKWAY	15437.679	53273.556	221+25.00	BEGIN CHAMPLAIN PARKWAY STA 221+25.00
END C/6 CHAMPLAIN PARKWAY / EQUALITY	15694.268	53319.020	223+85.59	END CHAMPLAIN PARKWAY STA 223+85.59 / EQUALITY LAKESIDE AVENUE STA LA 109+30.21
LAKESIDE AVENUE				
BEGIN LAKESIDE AVENUE	15664.004	52390.382	LA 100+00.00	BEGIN LAKESIDE AVENUE STA LA 100+00.00
P.I.	15687.348	52567.052	LA 101+78.21	
EQUALITY / P.I.	15694.268	53319.020	LA 109+30.21	EQUALITY CHAMPLAIN PARKWAY STA 223+85.59
END LAKESIDE AVENUE / EQUALITY	15689.910	53847.142	LA 114+64.60	END LAKESIDE AVENUE STA LA 114+64.60 / EQUALITY PINE STREET STA P 14+49.07
PINE STREET				
BEGIN PINE STREET	15141.140	53871.700	P 9+00.00	BEGIN PINE STREET STA P 9+00.00
P.C. CURVE 1	15242.429	53868.362	P 10+01.27	
P.I. CURVE 1	15261.077	53867.726	P.I. STA P 10+19.93 BK.= P.I. STA P 10+19.92 AHD.	
P.T. CURVE 1	15279.737	53867.787	P 10+38.58	
EQUALITY	15689.860	53853.330	P 14+49.07	EQUALITY LAKESIDE AVENUE LA 114+64.60
P.C. CURVE 2	15352.457	53868.023	P 11+11.30	
P.I. CURVE 2	15366.550	53868.069	P.I. STA P 11+25.39 BK.= P.I. STA P 11+25.40 AHD.	
P.T. CURVE 2	15380.639	53867.718	P 11+39.49	
P.C. CURVE 3	15457.778	53865.794	P 12+16.65	
P.I. CURVE 3	15466.239	53865.583	P.I. STA P 12+25.11 BK.= P.I. STA P 12+25.12 AHD.	
P.T. CURVE 3	15474.688	53865.085	P 12+33.58	
P.C. CURVE 4	15604.971	53857.418	P 13+64.08	
P.I. CURVE 4	15611.099	53857.057	P.I. STA P 13+70.22 BK.= P.I. STA P 13+70.22 AHD.	
P.T. CURVE 4	15617.230	53856.772	P 13+76.36	
P.C. CURVE 5	15802.337	53848.156	P 15+61.67	
P.I. CURVE 5	15818.638	53847.398	P.I. STA P 15+77.99 BK.= P.I. STA P 15+77.99 AHD.	
P.T. CURVE 5	15834.944	53846.745	P 15+94.31	
P.C. CURVE 6	16023.444	53839.205	P 17+82.96	
P.I. CURVE 6	16040.969	53838.504	P.I. STA P 18+00.50 BK.= P.I. STA P 18+00.49 AHD.	
P.T. CURVE 6	16058.459	53837.189	P 18+18.03	
P.C. CURVE 7	16231.279	53824.193	P 19+91.34	
P.I. CURVE 7	16240.024	53823.535	P.I. STA P 20+00.11 BK.= P.I. STA P 20+00.11 AHD.	
P.T. CURVE 7	16248.787	53823.185	P 20+08.88	
EQUALITY	16280.981	53821.897	P 20+41.10	EQUALITY LOCUST STREET STA LC 1+00.00
EQUALITY	17823.460	53760.195	P 35+84.81	EQUALITY MALTEX DRIVE STA MD 1+00.00 / EQUALITY HOWARD STREET STA HW 1+00.00
EQUALITY	18503.482	53732.992	P 42+65.38	EQUALITY MARBLE AVENUE STA MA 1+00.00
EQUALITY	18717.288	53724.440	P 44+79.35	EQUALITY PINE PLACE STA PN 1+00.00
P.C. CURVE 8	18735.246	53723.721	P 44+97.33	
P.I. CURVE 8	18738.026	53723.610	P.I. STA P 45+00.11 BK.= P.I. STA P 45+00.11 AHD.	
P.T. CURVE 8	18740.805	53723.501	P 45+02.89	
P.C. CURVE 9	19206.151	53705.257	P 49+68.59	
P.I. CURVE 9	19216.885	53704.836	P.I. STA P 49+79.33 BK.= P.I. STA P 49+79.32 AHD.	
P.T. CURVE 9	19227.616	53705.337	P 49+90.06	
EQUALITY	19248.347	53706.306	P 50+10.82	EQUALITY KILBURN STREET STA KL 1+00.00
P.C. CURVE 10	19258.556	53706.783	P 50+21.04	
P.I. CURVE 10	19269.287	53707.285	P.I. STA P 50+31.78 BK.= P.I. STA P 50+31.77 AHD.	
P.T. CURVE 10	19280.021	53706.864	P 50+42.51	
EQUALITY	20174.628	53667.290	P 59+37.94	EQUALITY MAPLE STREET STA MP 2+10.44
P.C. CURVE 11	20130.457	53673.522	P 58+93.60	
P.I. CURVE 11	20151.607	53672.692	P.I. STA P 59+14.76 BK.= P.I. STA P 59+14.73 AHD.	

HORIZONTAL CONTROL TABLE

HCL POINT	COORDINATES		HCL STATION	DESCRIPTION
	NORTH	EAST		
P.T. CURVE 11	20172.610	53670.079	P 59+35.90	
P.C. CURVE 12	20183.300	53668.749	P 59+46.68	
P.I. CURVE 12	20204.384	53666.125	P.I. STA P 59+67.92 BK.= P.I. STA P 59+67.90 AHD.	
P.T. CURVE 12	20225.615	53665.300	P 59+89.15	
EQUALITY	20578.958	53651.561	P 63+42.75	EQUALITY KING STREET STA KN 2+09.98
EQUALITY	20996.604	53635.335	P 67+60.72	EQUALITY MAIN STREET STA M 3+50.86
END PINE STREET	21096.226	53631.454	P 68+60.00	END PINE STREET STA P 68+60.00
LOCUST STREET				
BEGIN LOCUST STREET / EQUALITY	16280.981	53821.897	LC 1+00.00	BEGIN LOCUST STREET STA LC 1+00.00 / EQUALITY PINE STREET STA P 20+41.10
END LOCUST STREET	16288.280	54042.434	LC 3+20.66	END LOCUST STREET STA LC 3+20.66
HOWARD STREET				
BEGIN HOWARD STREET / EQUALITY	17823.460	53760.195	HW 1+00.00	BEGIN HOWARD STREET STA HW 1+00.00 / EQUALITY PINE STREET STA P 35+84.81
END HOWARD STREET	17824.461	53991.594	HW 3+31.51	END HOWARD STREET STA 3+31.51
MALTEX DRIVE				
BEGIN MALTEX DRIVE / EQUALITY	17823.460	53760.195	MD 1+00.00	BEGIN MALTEX DRIVE STA MD 1+00.00 / EQUALITY PINE STREET STA P 35+84.81
P.C. CURVE 1	17820.173	53656.718	MD 2+03.53	
P.I. CURVE 1	17819.492	53635.286	P.I. STA MD 2+24.97 BK.= P.I. STA MD 2+23.86 AHD.	
P.T. CURVE 1	17830.242	53616.734	MD 2+45.30	
P.C. CURVE 2	17838.758	53602.036	MD 2+62.28	
P.I. CURVE 2	17845.925	53589.667	P.I. STA MD 2+76.57 BK.= P.I. STA MD 2+75.84 AHD.	
P.T. CURVE 2	17845.471	53575.380	MD 2+90.13	
END MALTEX DRIVE	17843.401	53510.247	MD 3+55.30	END MALTEX DRIVE STA MD 3+55.30
MARBLE AVENUE				
BEGIN MARBLE AVENUE / EQUALITY	18503.482	53732.992	MA 1+00.00	BEGIN MARBLE AVENUE STA MA 1+00.00 / EQUALITY PINE STREET STA P 42+65.38
END MARBLE AVENUE	18507.082	53944.320	MA 3+11.36	END MARBLE AVENUE STA MA 3+11.36
PINE PLACE				
BEGIN PINE PLACE / EQUALITY	18717.288	53724.440	PN 1+00.00	BEGIN PINE PLACE STA PN 1+00.00 / EQUALITY PINE STREET STA P 44+79.35
END PINE PLACE	18718.009	53954.993	PN 3+30.56	END PINE PLACE STA PN 3+30.56
KILBURN STREET				
BEGIN KILBURN STREET / EQUALITY	19248.347	53706.306	KL 1+00.00	BEGIN KILBURN STREET STA KL 1+00.00 / EQUALITY PINE STREET STA P 50+10.82
END KILBURN STREET	19246.949	53818.537	KL 2+14.95	END KILBURN STREET STA KL 2+14.95
MAPLE STREET				
BEGIN MAPLE STREET	20170.358	53559.466	MP 1+00.00	BEGIN MAPLE STREET STA MP 1+00.00
EQUALITY	20174.628	53667.290	MP 2+10.44	EQUALITY PINE STREET STA P 59+37.94
END MAPLE STREET	20181.008	53834.260	MP 3+75.00	END MAPLE STREET STA MP 3+75.00
KING STREET				
BEGIN KING STREET	20575.188	53541.647	KN 1+00.00	BEGIN KING STREET STA KN 1+00.00
EQUALITY	20578.958	53651.561	KN 2+09.98	EQUALITY PINE STREET STA P 63+42.75
END KING STREET	20586.571	53873.539	KN 4+32.09	END KING STREET STA KN 4+32.09
MAIN STREET				
BEGIN MAIN STREET	20985.053	53384.738	M 1+00.00	BEGIN MAIN STREET STA M 1+00.00
EQUALITY	20996.604	53635.335	M 3+50.86	EQUALITY PINE STREET STA P 67+60.72
END MAIN STREET	21007.358	53868.364	M 5+84.14	END MAIN STREET STA M 5+84.14
MILLER DRIVE				
BEGIN MILLER DRIVE / EQUALITY	15691.117	52976.643	ML 1+00.00	BEGIN GILBANE DRIVEWAY STA GD 1+00.00 / EQUALITY LAKESIDE AVENUE STA LA 105+87.81
END MILLER DRIVE	15341.117	52976.665	ML 4+50.00	END GILBANE DRIVEWAY STA ML 4+50.00

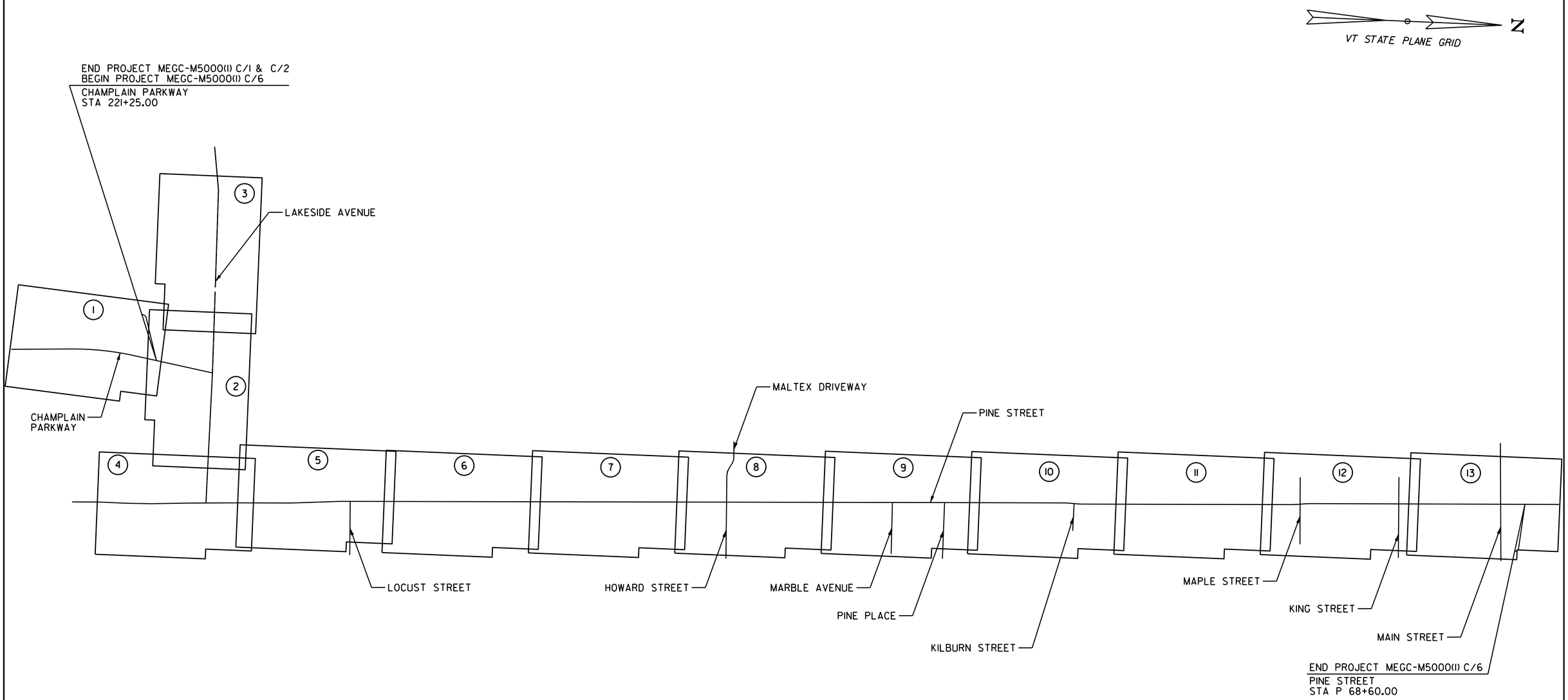
CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078hvc_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
HORIZONTAL CONTROL TABLE SHEET (HC-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 43 OF 339

FILE NAME =H:\8658\870078\Consultants\z87d078hvc_c6.dgn
DATE/TIME =2/17/2016
USER =4916



0 200 400
1 INCH = 200 FEET
@ FULL SIZE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078key_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAYOUT KEY PLAN SHEET (L-1)	SHEET 44 OF 339

FILE NAME =H:\865R\870078\Consultants\z87d078key_c6.dgn
DATE/TIME =2/17/2016
USER =4916

END SECTION C/2
END PROJECT MEGC-M5000(1) C/1 & C/2
BEGIN SECTION C/6
BEGIN PROJECT MEGC-M5000(1) C/6
BEGIN APPROACH
STA 221+25.00

VT STATE PLANE GRID

CITY OF BURLINGTON

MILLER, HARLAINE D.

E53100
N15050

E53200
N15400

CHAMPLAIN PARKWAY

CITY OF BURLINGTON

216+00
217+00
218+00
219+00
220+00
221+00

N 02° 41' 50" W

N 10° 02' 52" E

13'-0"
24'-0"
10'-0"
10'-0"

MATCH LINE STA 221+50.00, DWG P-2

SHARED-USE PATH

CITY OF BURLINGTON

GROCERY_SPUR

B-8

N/F NABISCO INC.

CHAMPLAIN COLLEGE INCORPORATED

STONE SIDEWALK

CONC. CURB

E53400
N15200

WORK TO BE COMPLETED IN SECTION C/2

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA. 221+25.0 - STA. 221+50.0 RT (25.0 LF)
STA. 221+25.0 - STA. 221+50.0 LT (25.0 LF)

618.15 BITUMINOUS CONCRETE SIDEWALK
BURLINGTON:
STA. 221+25.0 - STA. 221+50.0 RT (3.2 TON)

NOTE:

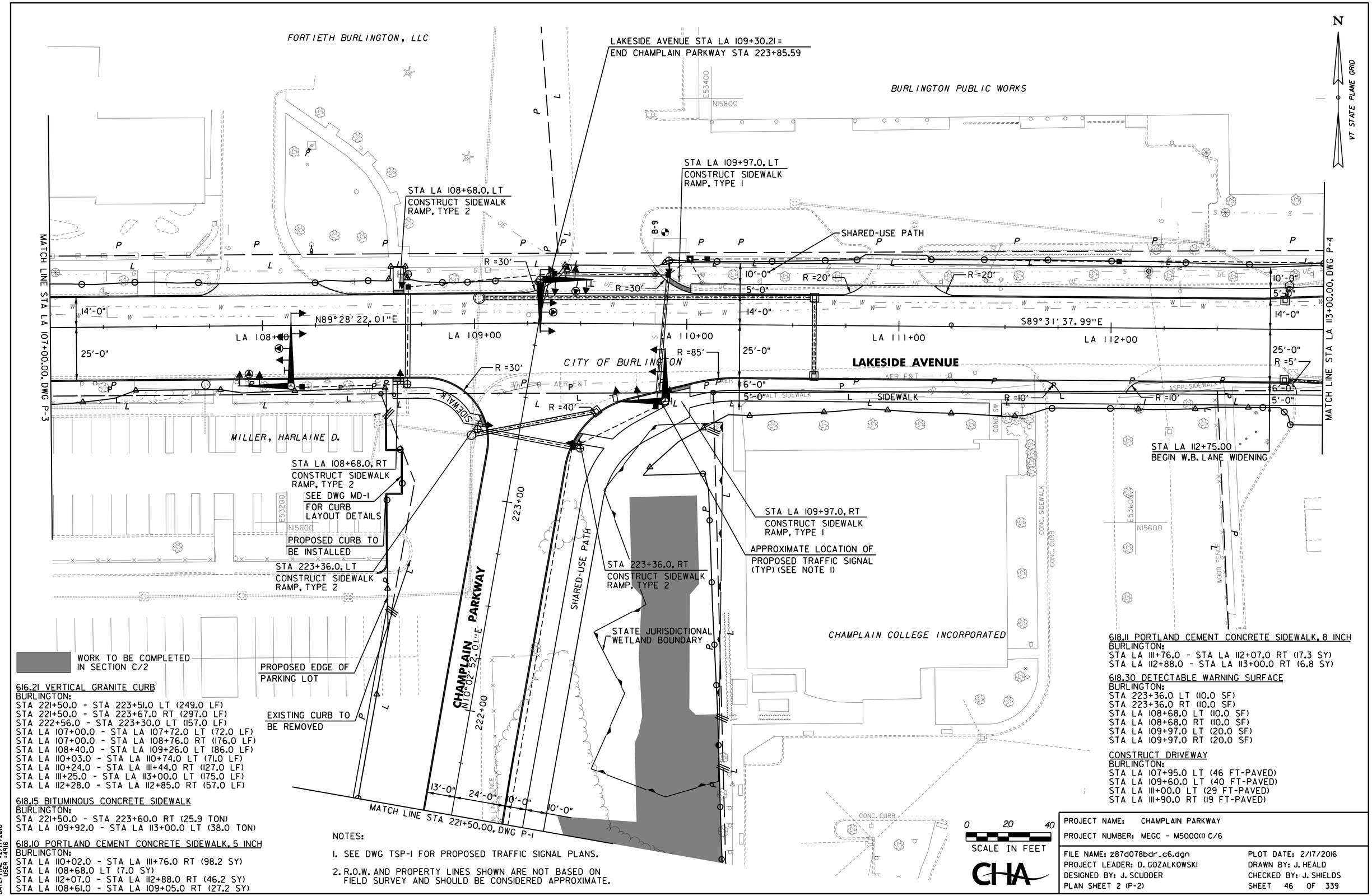
1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 1 (P-1)	SHEET 45 OF 339

FILE NAME =U:\86591.870878\Consultants\z87d078bdr_c6.dgn
DATE/TIME =2/17/2016
USER =4916



616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA 221+50.0 - STA 223+51.0 LT (249.0 LF)
STA 221+50.0 - STA 223+67.0 RT (297.0 LF)
STA 222+56.0 - STA 223+30.0 LT (157.0 LF)
STA LA 107+00.0 - STA LA 107+72.0 LT (72.0 LF)
STA LA 107+00.0 - STA LA 108+76.0 RT (176.0 LF)
STA LA 108+40.0 - STA LA 109+26.0 LT (86.0 LF)
STA LA 110+03.0 - STA LA 110+74.0 LT (71.0 LF)
STA LA 110+24.0 - STA LA 111+44.0 RT (127.0 LF)
STA LA 111+25.0 - STA LA 113+00.0 LT (175.0 LF)
STA LA 112+28.0 - STA LA 112+85.0 RT (57.0 LF)

618.15 BITUMINOUS CONCRETE SIDEWALK
BURLINGTON:
STA 221+50.0 - STA 223+60.0 RT (25.9 TON)
STA LA 109+92.0 - STA LA 113+00.0 LT (38.0 TON)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA LA 110+02.0 - STA LA 111+76.0 RT (98.2 SY)
STA LA 108+68.0 LT (7.0 SY)
STA LA 112+07.0 - STA LA 112+88.0 RT (46.2 SY)
STA LA 108+61.0 - STA LA 109+05.0 RT (27.2 SY)

NOTES:

1. SEE DWG TSP-1 FOR PROPOSED TRAFFIC SIGNAL PLANS.
2. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.

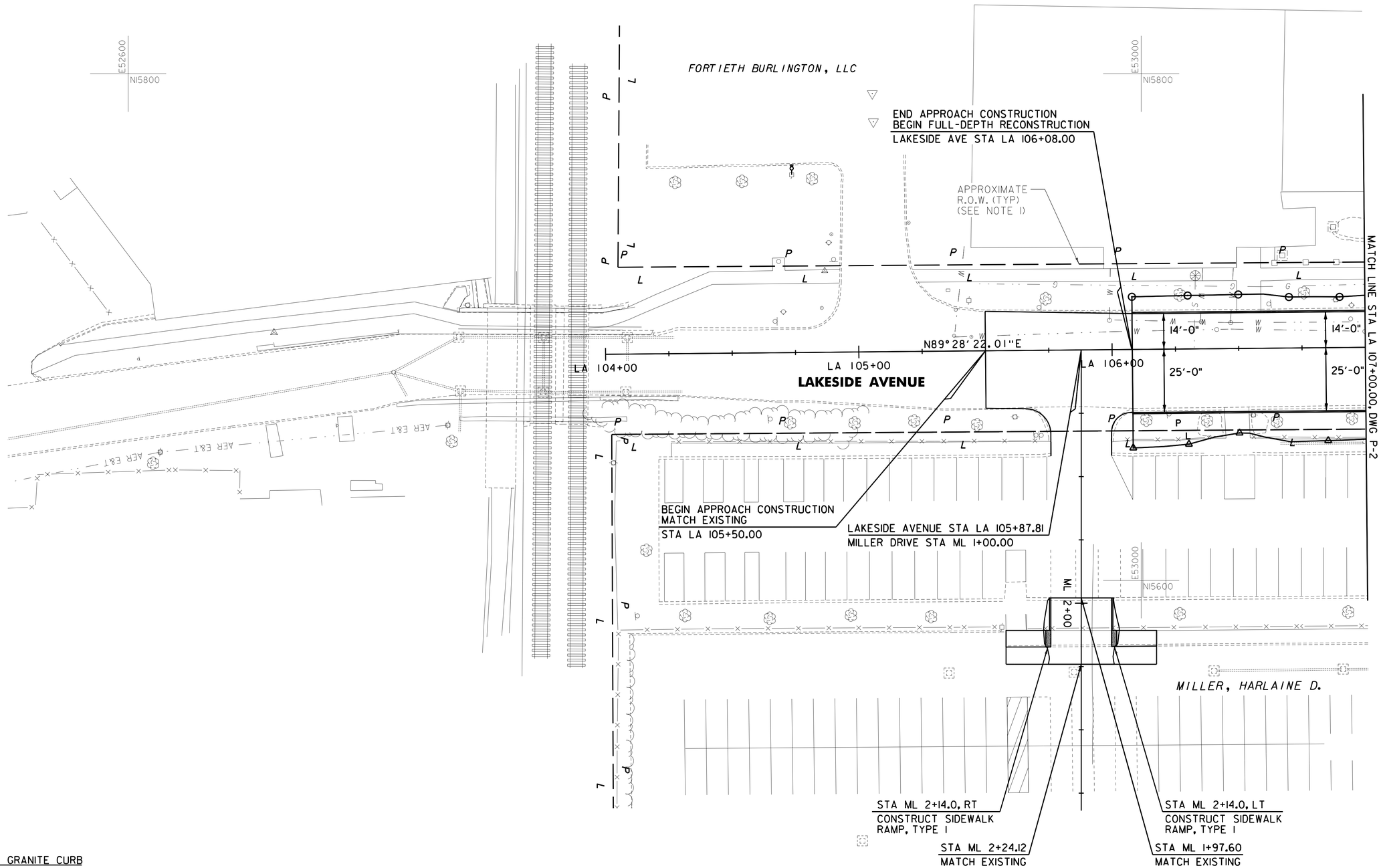
618.11 PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH
BURLINGTON:
STA LA 111+76.0 - STA LA 112+07.0 RT (17.3 SY)
STA LA 112+88.0 - STA LA 113+00.0 RT (6.8 SY)

618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA 223+36.0 LT (10.0 SF)
STA 223+36.0 RT (10.0 SF)
STA LA 108+68.0 LT (10.0 SF)
STA LA 108+68.0 RT (10.0 SF)
STA LA 109+97.0 LT (20.0 SF)
STA LA 109+97.0 RT (20.0 SF)

CONSTRUCT DRIVEWAY
BURLINGTON:
STA LA 107+95.0 LT (46 FT-PAVED)
STA LA 109+60.0 LT (40 FT-PAVED)
STA LA 111+00.0 LT (29 FT-PAVED)
STA LA 111+90.0 RT (19 FT-PAVED)

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 2 (P-2)	SHEET 46 OF 339

FILE NAME = U:\96859\870078\Consultants\z87d078bdr_c6.dgn
DATE/TIME = 2/17/2016
USER = 4916



616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA LA 106+08.0 - STA LA 107+00.0 LT (92.0 LF)
STA LA 106+08.0 - STA LA 107+00.0 RT (92.0 LF)
STA ML 1+98.0 - STA ML 2+11.0 RT (13.0 LF)
STA ML 1+98.0 - STA ML 2+11.0 LT (13.0 LF)

618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA ML 2+14.0 RT (10.0 SF)
STA ML 2+14.0 LT (10.0 SF)

NOTE:

1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.

0 20 40
SCALE IN FEET

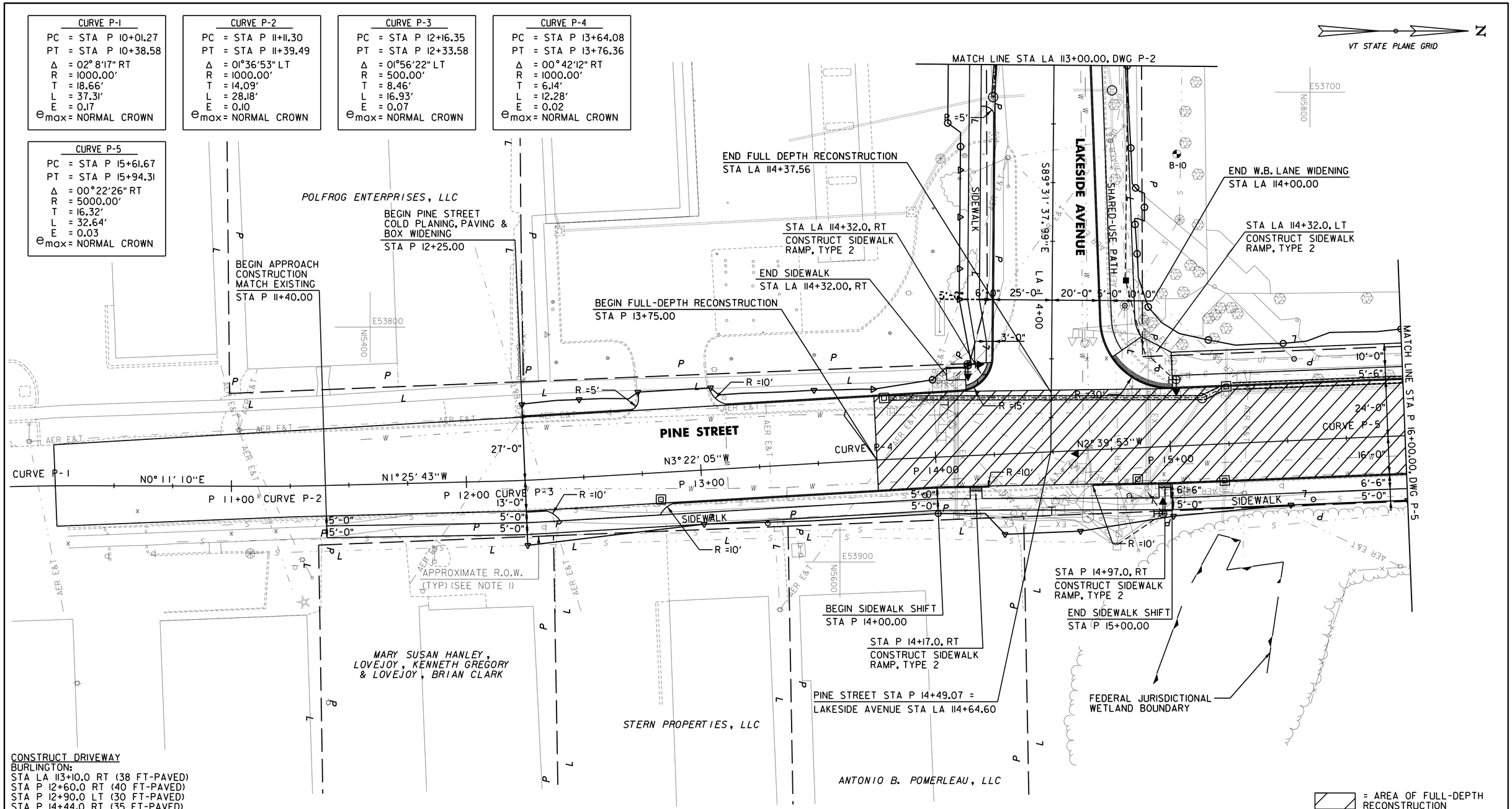
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 3 (P-3)	SHEET 47 OF 339

FILE NAME =U:\9659\87D078\Consultants\z87d078bdr_c6.dgn
DATE/TIME =2/17/2016
USER =4916

CURVE P-1	CURVE P-2	CURVE P-3	CURVE P-4
PC = STA P 10+01.27	PC = STA P 11+11.30	PC = STA P 12+16.35	PC = STA P 13+64.08
PT = STA P 10+38.58	PT = STA P 11+39.49	PT = STA P 12+33.58	PT = STA P 13+76.36
Δ = 02° 8'17" RT	Δ = 01°36'53" LT	Δ = 01°56'22" LT	Δ = 00° 42'12" RT
R = 1000.00'	R = 1000.00'	R = 500.00'	R = 1000.00'
T = 18.66'	T = 14.09'	T = 8.46'	T = 6.14'
L = 37.31'	L = 28.18'	L = 16.93'	L = 12.28'
E = 0.17	E = 0.10	E = 0.07	E = 0.02
e_{max} = NORMAL CROWN	e_{max} = NORMAL CROWN	e_{max} = NORMAL CROWN	e_{max} = NORMAL CROWN

CURVE P-5
PC = STA P 15+61.67
PT = STA P 15+94.31
Δ = 00°22'26" RT
R = 5000.00'
T = 16.32'
L = 32.64'
E = 0.03
e_{max} = NORMAL CROWN



= AREA OF FULL-DEPTH RECONSTRUCTION

CONSTRUCT DRIVEWAY
BURLINGTON:
STA LA 113+10.0 RT (38 FT-PAVED)
STA P 12+60.0 RT (40 FT-PAVED)
STA P 12+90.0 LT (30 FT-PAVED)
STA P 14+44.0 RT (35 FT-PAVED)

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA LA 113+00.0 - STA LA 114+37.0 LT (156.0 LF)
STA LA 113+21.0 - STA LA 114+40.0 RT (126.0 LF)
STA P 12+25.0 - STA P 12+33.0 RT (9.0 LF)
STA P 12+25.0 - STA P 12+72.0 LT (48.0 LF)
STA P 12+87.0 - STA P 14+22.0 RT (135.0 LF)
STA P 13+12.0 - STA P 14+12.0 LT (100.0 LF)
STA P 14+66.0 - STA P 16+00.0 RT (134.0 LF)
STA P 15+02.0 - STA P 16+00.0 LT (98.0 LF)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA LA 113+18.0 - STA LA 114+32.0 RT (73.4 SY)
STA P 11+40.0 - STA P 12+39.0 RT (55.5 SY)
STA P 12+81.0 - STA P 14+28.0 RT (83.9 SY)
STA P 14+60.0 - STA P 16+00.0 RT (81.2 SY)

618.11 PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH
BURLINGTON:
STA LA 113+00.0 - STA LA 113+18.0 RT (10.4 SY)
STA P 12+39.0 - STA P 12+81.0 RT (23.7 SY)
STA P 14+28.0 - STA P 14+60.0 RT (17.8 SY)

618.15 BITUMINOUS CONCRETE SIDEWALK
BURLINGTON:
STA LA 113+00.0 - STA LA 114+35.0 LT (16.7 TON)
STA P 15+34.0 - STA P 16+00.0 LT (8.1 TON)

618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA LA 114+32.0 LT (20.0 SF)
STA LA 114+32.0 RT (2.0 SF)
STA P 14+17.0 RT (10.0 SF)
STA P 14+97.0 RT (10.0 SF)

NOTES:

1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE
2. SEE DWG TSP-2 FOR PROPOSED TRAFFIC SIGNAL PLANS.

0 20 40
SCALE IN FEET

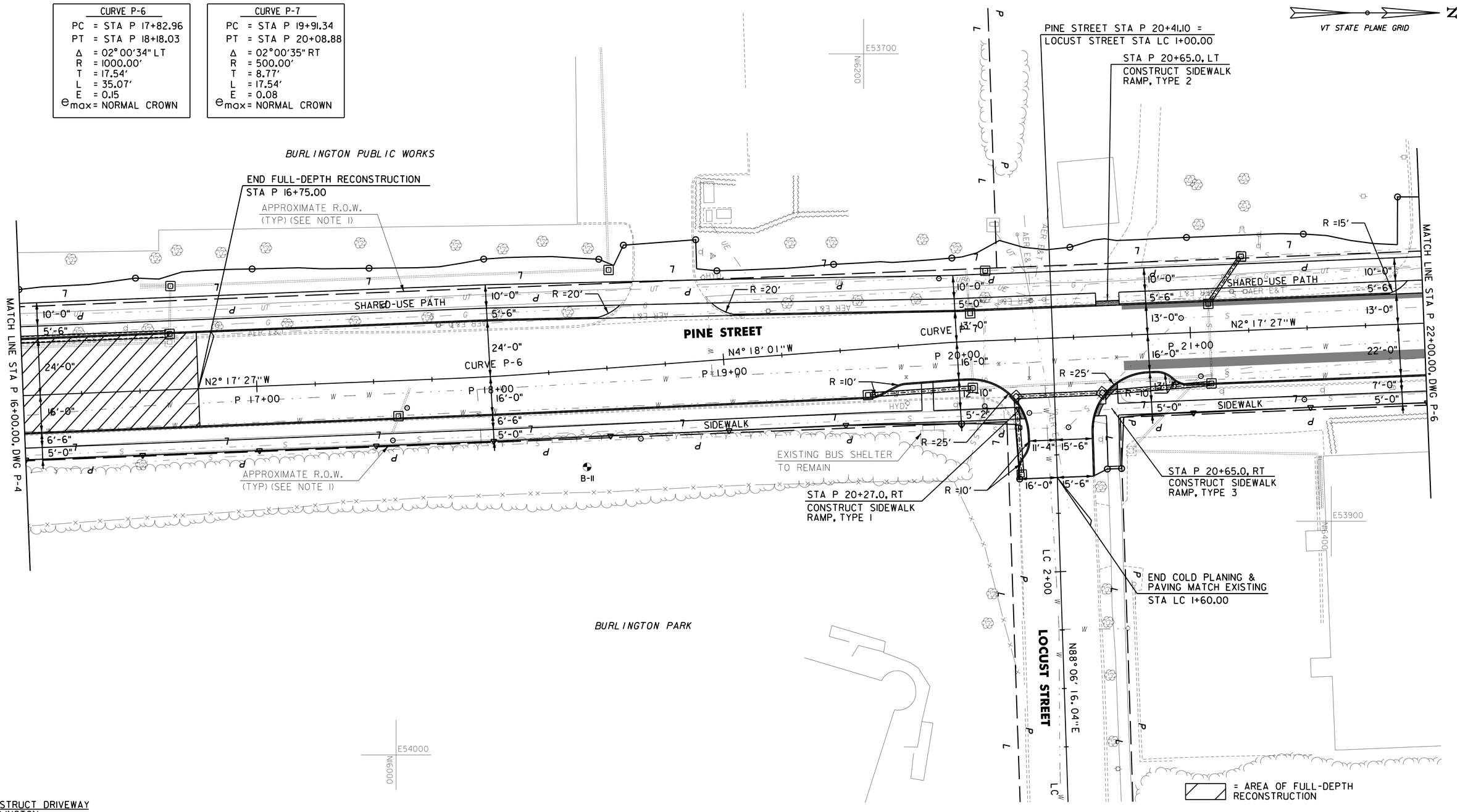
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 4 (P-4)	SHEET 48 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdr_c6.dgn
DATE/TIME =2/17/2016
USER =4916

CURVE P-6	
PC	= STA P 17+82.96
PT	= STA P 18+18.03
Δ	= 02°00'34" LT
R	= 1000.00'
T	= 17.54'
L	= 35.07'
E	= 0.15
e_{max}	= NORMAL CROWN

CURVE P-7	
PC	= STA P 19+91.34
PT	= STA P 20+08.88
Δ	= 02°00'35" RT
R	= 500.00'
T	= 8.77'
L	= 17.54'
E	= 0.08
e_{max}	= NORMAL CROWN



CONSTRUCT DRIVEWAY
BURLINGTON:
STA P 18+75.0 LT (26 FT-PAVED)

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA P 16+00.0 - STA P 18+48.0 LT (248.0 LF)
STA P 16+00.0 - STA P 20+28.0 RT (433.0 LF)
STA P 19+04.0 - STA P 21+86.0 LT (282.0 LF)
STA P 20+58.0 - STA P 22+00.0 RT (147.0 LF)
STA LC 1+29.0 - STA LC 1+60.0 RT (33 LF)
STA LC 1+29.0 - STA LC 1+60.0 LT (32 LF)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA P 16+00.0 - STA P 20+28.0 RT (244.2 SY)
STA P 20+58.0 - STA P 22+00.0 RT (95.4 SY)

900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)
BURLINGTON:
STA P 20+71.0 - STA P 22+00.0 LT, SHOULDER (28.7 SY)
STA P 20+71.0 - STA P 22+00.0 RT, BUFFER (57.3 SY)

618.15 BITUMINOUS CONCRETE SIDEWALK
BURLINGTON:
STA P 16+00.0 - STA P 22+00.0 LT (81.1 TON)

618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA P 20+27.0 RT (10.0 SF)
STA P 20+65.0 RT (20.0 SF)
STA P 20+65.0 LT (20.0 SF)

NOTE:

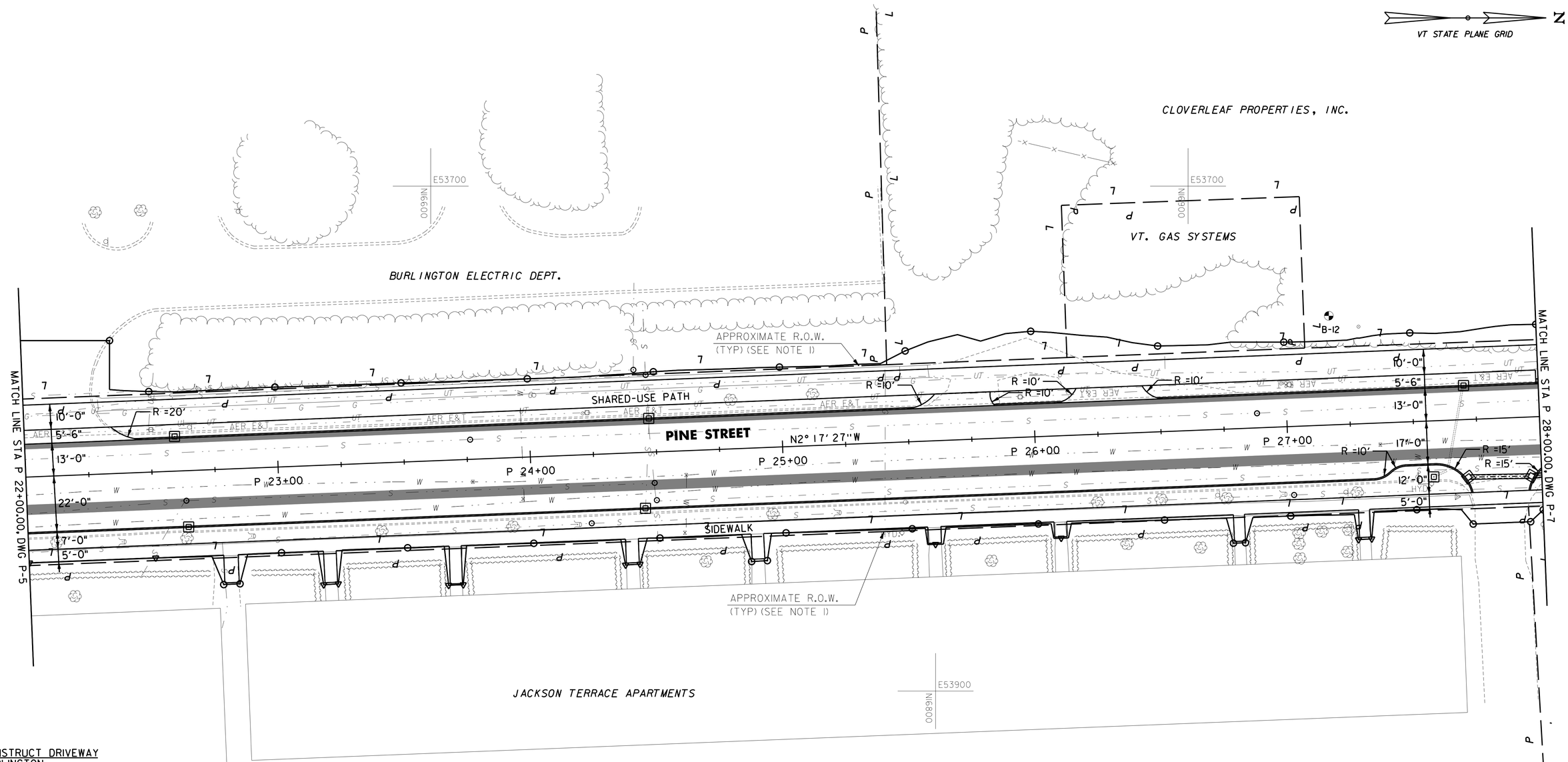
1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 5 (P-5)	SHEET 49 OF 339

FILE NAME =\\855fs\870078\Consultants\z87d078bdr_c6.dgn
DATE/TIME = 2/17/2016
USER = 4916



CONSTRUCT DRIVEWAY
BURLINGTON:
STA P 22+15.0 LT (33 FT-PAVED)
STA P 25+71.0 LT (22 FT-PAVED)
STA P 26+30.0 LT (26 FT-PAVED)
STA P 27+84.0 RT (20 FT-PAVED)

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA P 22+00.0 - STA P 27+73.0 RT (580.0 LF)
STA P 22+44.0 - STA P 25+53.0 LT (309.0 LF)
STA P 25+84.0 - STA P 26+11.0 LT (27.0 LF)
STA P 26+49.0 - STA P 28+00.0 LT (151.0 LF)
STA P 27+95.0 - STA P 28+00.0 RT (12.0 LF)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA P 22+00.0 - STA P 27+72.0 RT (368.4 SY)
STA P 27+95.0 - STA P 28+00.0 RT (3.0 SY)

618.11 PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH
BURLINGTON:
STA P 27+72.0 - STA P 27+95.0 RT (12.3 SY)

618.15 BITUMINOUS CONCRETE SIDEWALK
BURLINGTON:
STA P 22+00.0 - STA P 28+00.0 LT (74.1 TON)

900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)
BURLINGTON:
STA P 22+00.0 - STA P 28+00.0 LT, SHOULDER (133.3 SY)
STA P 22+00.0 - STA P 28+00.0 RT, BUFFER (266.7 SY)

= 900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)

NOTE:

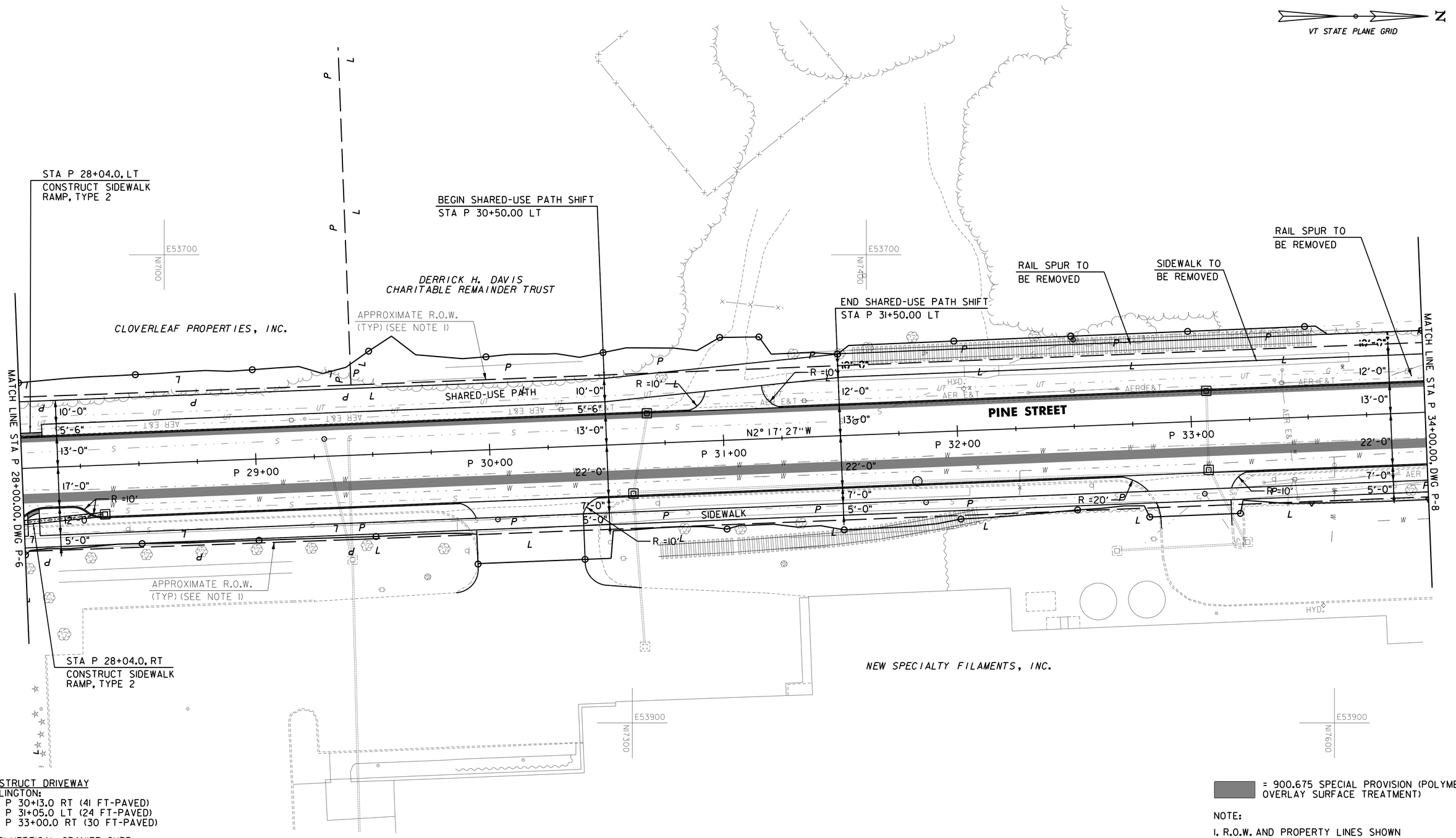
1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 6 (P-6)	SHEET 50 OF 339

FILE NAME =U:\855\87D078\Consultants\z87d078bdr_c6.dgn
DATE/TIME =2/17/2016
USER =4916



CONSTRUCT DRIVEWAY
BURLINGTON:
STA P 30+13.0 RT (41 FT-PAVED)
STA P 31+05.0 LT (24 FT-PAVED)
STA P 33+00.0 RT (30 FT-PAVED)

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA P 28+00.0 - STA P 30+86.0 LT (286.0 LF)
STA P 28+00.0 - STA P 29+87.0 RT (203.0 LF)
STA P 30+45.0 - STA P 32+70.0 RT (218.0 LF)
STA P 31+24.0 - STA P 34+00.0 LT (276.0 LF)
STA P 33+22.0 - STA P 34+00.0 RT (78.0 LF)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA P 28+00.0 - STA P 30+05.0 RT (119.7 SY)
STA P 30+46.0 - STA P 32+81.0 RT (130.8 SY)
STA P 33+16.0 - STA P 34+00.0 RT (46.7 SY)

618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA P 28+04.0 LT (20.0 SF)
STA P 28+04.0 RT (10.0 SF)

618.11 PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH
BURLINGTON:
STA P 30+05.0 - STA P 30+46.0 RT (22.7 SY)
STA P 32+81.0 - STA P 33+16.0 RT (19.7 SY)

618.15 BITUMINOUS CONCRETE SIDEWALK
BURLINGTON:
STA P 28+00.0 - STA P 34+00.0 LT (74.8 TON)

900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)
BURLINGTON:
STA P 28+00.0 - STA P 34+00.0 LT, SHOULDER (133.3 SY)
STA P 28+00.0 - STA P 34+00.0 RT, BUFFER (266.7 SY)

= 900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)

NOTE:

1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.

0 20 40
SCALE IN FEET

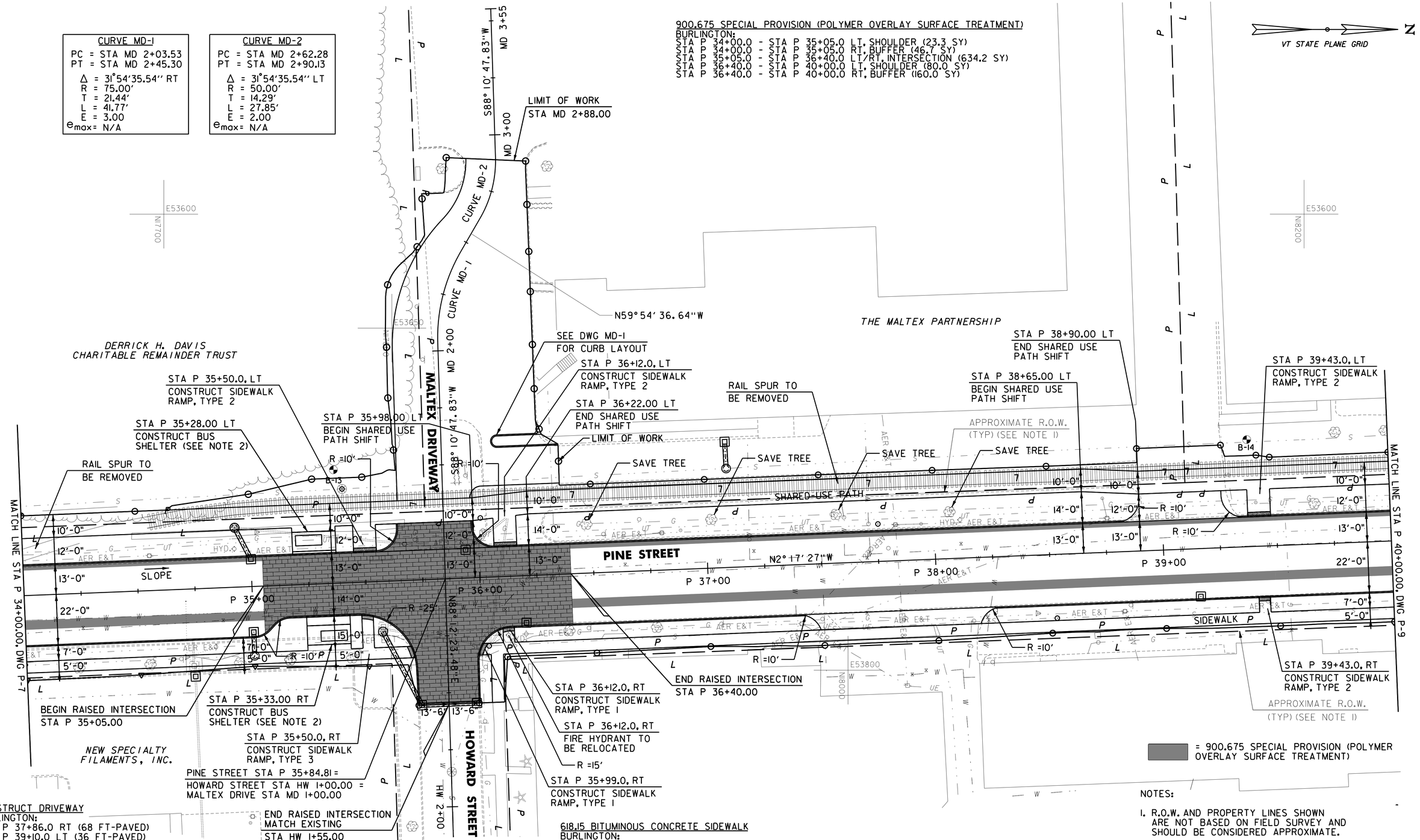
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 7 (P-7)	SHEET 51 OF 339

FILE NAME =U:\86591\870078\Consultants\z87d078bdr_c6.dgn
DATE/TIME =2/17/2016
USER =4916

CURVE MD-1	CURVE MD-2
PC = STA MD 2+03.53	PC = STA MD 2+62.28
PT = STA MD 2+45.30	PT = STA MD 2+90.13
Δ = 31°54'35.54" RT	Δ = 31°54'35.54" LT
R = 75.00'	R = 50.00'
T = 21.44'	T = 14.29'
L = 41.77'	L = 27.85'
E = 3.00	E = 2.00
e_{max} = N/A	e_{max} = N/A

900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)
BURLINGTON:
STA P 34+00.0 - STA P 35+05.0 LT, SHOULDER (23.3 SY)
STA P 34+00.0 - STA P 35+05.0 RT, BUFFER (46.7 SY)
STA P 35+05.0 - STA P 36+40.0 LT/RT, INTERSECTION (634.2 SY)
STA P 36+40.0 - STA P 40+00.0 LT, SHOULDER (80.0 SY)
STA P 36+40.0 - STA P 40+00.0 RT, BUFFER (160.0 SY)



CONSTRUCT DRIVEWAY
BURLINGTON:
STA P 37+86.0 RT (68 FT-PAVED)
STA P 39+10.0 LT (36 FT-PAVED)

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA P 34+00.0 - STA P 35+59.0 LT (159.0 LF)
STA P 34+00.0 - STA P 35+71.0 RT (177.0 LF)
STA P 35+98.0 - STA P 37+42.0 RT (144.0 LF)
STA P 36+04.0 - STA P 38+83.0 LT (279.0 LF)
STA P 38+25.0 - STA P 40+00.0 RT (175.0 LF)
STA P 39+33.0 - STA P 40+00.0 LT (67.0 LF)
STA HW 1+29.0 - STA HW 1+55.0 RT (26.0 LF)
STA HW 1+29.0 - STA HW 1+55.0 LT (26.0 LF)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA P 34+00.0 - STA P 35+71.0 RT (116.5 SY)
STA P 35+18.0 - STA P 35+38.0 LT (7.3 SY)
STA P 35+98.0 - STA P 37+49.0 RT (99.6 SY)
STA P 38+19.0 - STA P 40+00.0 RT (104.6 SY)

618.11 PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH
BURLINGTON:
STA P 37+49.0 - STA P 38+19.0 RT (39.0 SY)

618.15 BITUMINOUS CONCRETE SIDEWALK
BURLINGTON:
STA P 34+00.0 - STA P 40+00.0 LT (78.5 TON)

618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA P 35+50.0 LT (20.0 SF)
STA P 35+50.0 RT (20.0 SF)
STA P 35+99.0 RT (10.0 SF)
STA P 36+12.0 LT (20.0 SF)
STA P 36+12.0 RT (10.0 SF)
STA P 39+43.0 LT (20.0 SF)
STA P 39+43.0 RT (10.0 SF)

NOTES:

1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.

2. SEE SHEET MD-3 TO MD-6 FOR BUS SHELTER DETAIL.

0 20 40
SCALE IN FEET

CHA

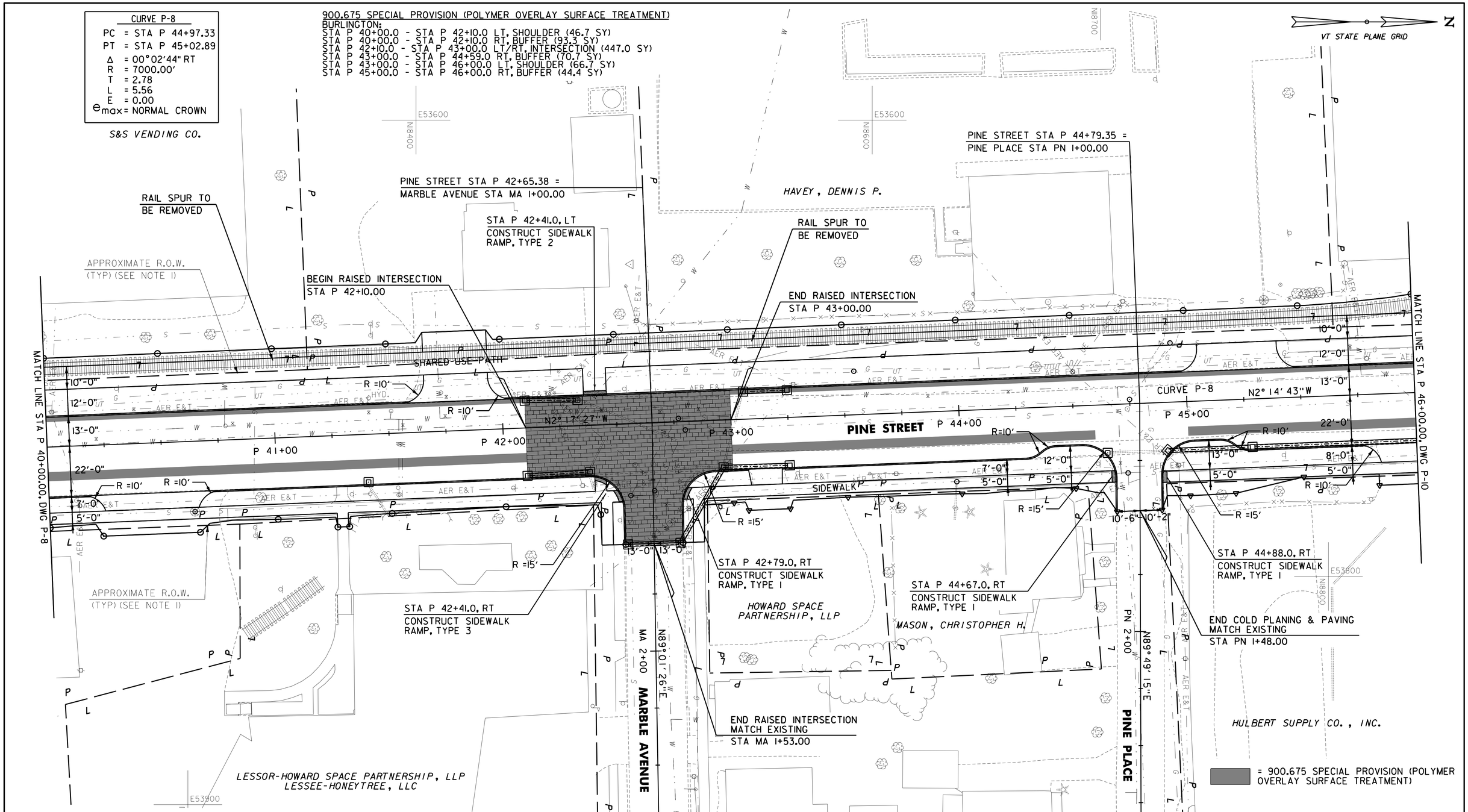
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 8 (P-8)	SHEET 52 OF 339

FILE NAME =U:\86859\870078\Consultants\z87d078bdr_c6.dgn
DATE/TIME = 2/17/2016
USER = 4916

CURVE P-8
PC = STA P 44+97.33
PT = STA P 45+02.89
Δ = 00°02'44" RT
R = 7000.00'
T = 2.78
L = 5.56
E = 0.00
e_{max} = NORMAL CROWN

S&S VENDING CO.

900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)
BURLINGTON:
STA P 40+00.0 - STA P 42+10.0 LT, SHOULDER (46.7 SY)
STA P 40+00.0 - STA P 42+10.0 RT, BUFFER (93.3 SY)
STA P 42+10.0 - STA P 43+00.0 LT/RT, INTERSECTION (447.0 SY)
STA P 43+00.0 - STA P 44+59.0 RT, BUFFER (70.7 SY)
STA P 43+00.0 - STA P 46+00.0 LT, SHOULDER (66.7 SY)
STA P 45+00.0 - STA P 46+00.0 RT, BUFFER (44.4 SY)



618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA P 42+41.0 LT (20.0 SF)
STA P 42+41.0 RT (20.0 SF)
STA P 42+79.0 RT (10.0 SF)
STA P 44+67.0 RT (10.0 SF)
STA P 44+88.0 RT (10.0 SF)

CONSTRUCT DRIVEWAY
BURLINGTON:
STA P 40+45.0 RT (41 FT-PAVED)
STA P 41+80.0 LT (28 FT-PAVED)
STA P 43+15.0 RT (14 FT-PAVED)
STA P 45+20.0 LT (35 FT-PAVED)
STA P 46+00.0 RT (26 FT-PAVED)

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA P 40+00.0 - STA P 40+18.0 RT (18.0 LF)
STA P 40+00.0 - STA P 41+59.0 LT (159.0 LF)
STA P 40+72.0 - STA P 42+52.0 RT (185.0 LF)
STA P 42+01.0 - STA P 44+98.0 LT (297.0 LF)
STA P 42+77.0 - STA P 43+07.0 RT (35.0 LF)
STA P 43+22.0 - STA P 44+68.0 RT (158.0 LF)
STA P 44+88.0 - STA P 45+77.0 RT (102.0 LF)
STA P 45+47.0 - STA P 46+00.0 LT (53.0 LF)
STA MA 1+34.0 - STA MA 1+53.0 LT (19.0 LF)
STA MA 1+34.0 - STA MA 1+53.0 RT (19.0 LF)
STA PN 1+34.0 - STA PN 1+48.0 LT (14.0 LF)
STA PN 1+34.0 - STA PN 1+48.0 RT (14.0 LF)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA P 40+00.0 - STA P 40+25.0 RT (13.7 SY)
STA P 40+65.0 - STA P 42+52.0 RT (119.9 SY)
STA P 42+77.0 - STA P 44+68.0 RT (115.6 SY)
STA P 44+88.0 - STA P 45+84.0 RT (53.6 SY)

618.11 PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH
BURLINGTON:
STA P 40+25.0 - STA P 40+65.0 RT (22.8 SY)
STA P 45+84.0 - STA P 46+00.0 RT (8.8 SY)

618.15 BITUMINOUS CONCRETE SIDEWALK
BURLINGTON:
STA P 40+00.0 - STA P 46+00.0 LT (75.6 TON)

NOTE:
1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.

0 20 40
SCALE IN FEET

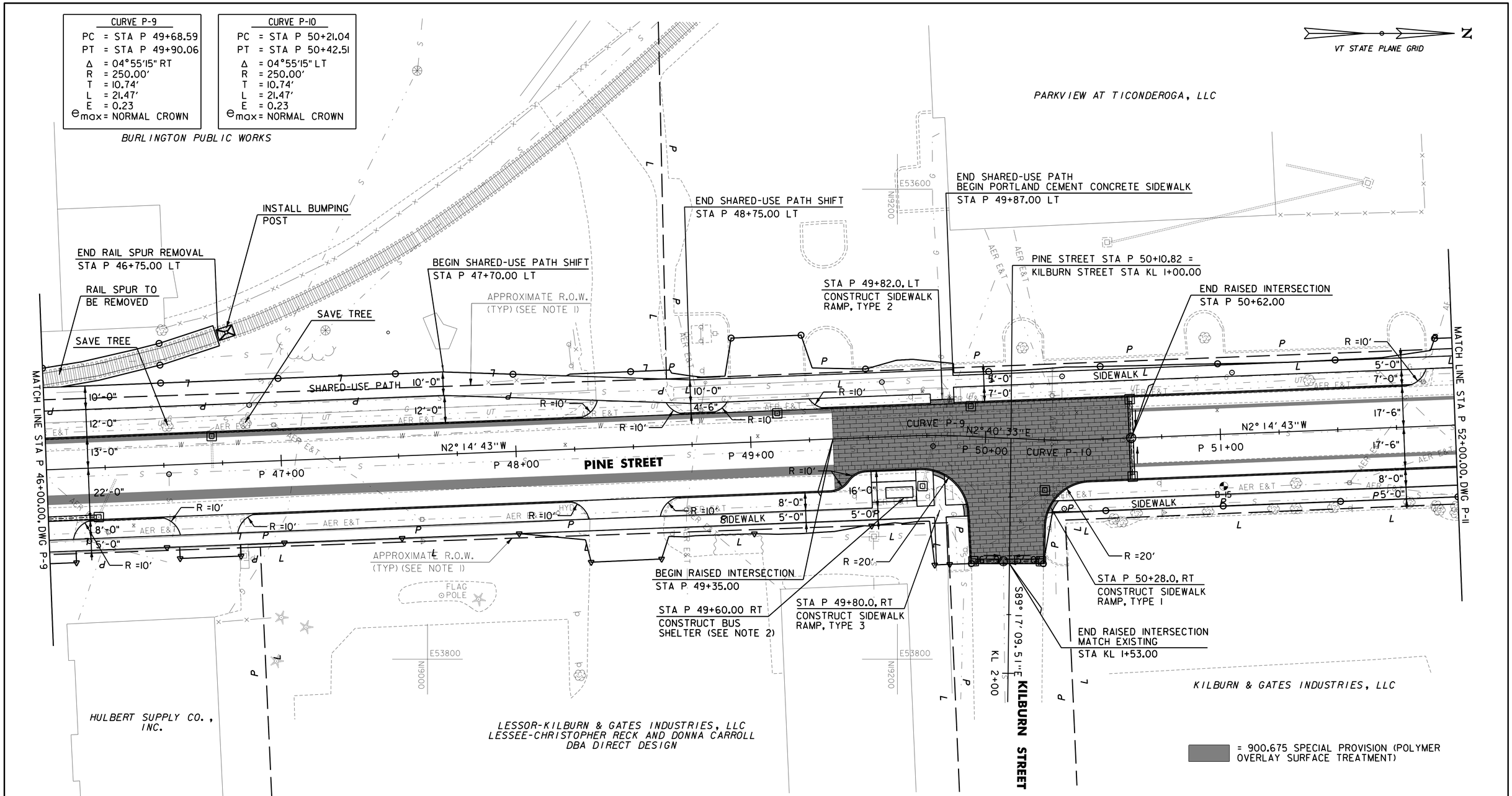
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 9 (P-9)	SHEET 53 OF 339

FILE NAME =U:\9659\87D078\Consultants\z87d078bdr_c6.dgn
DATE/TIME =2/17/2016
USER =4916

CURVE P-9	
PC	= STA P 49+68.59
PT	= STA P 49+90.06
Δ	= 04°55'15" RT
R	= 250.00'
T	= 10.74'
L	= 21.47'
E	= 0.23
e_{max}	= NORMAL CROWN

CURVE P-10	
PC	= STA P 50+21.04
PT	= STA P 50+42.51
Δ	= 04°55'15" LT
R	= 250.00'
T	= 10.74'
L	= 21.47'
E	= 0.23
e_{max}	= NORMAL CROWN



CONSTRUCT DRIVEWAY
BURLINGTON:
STA P 46+68.0 RT (24 FT-PAVED)
STA P 48+45.0 RT (30 FT-PAVED)
STA P 48+50.0 LT (26 FT-PAVED)
STA P 49+10.0 LT (31 FT-PAVED)
STA P 52+00.0 LT (20 FT-PAVED)

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA P 46+00.0 - STA P 48+23.0 LT (223.0 LF)
STA P 46+17.0 - STA P 46+49.0 RT (32.0 LF)
STA P 46+87.0 - STA P 48+23.0 RT (136.0 LF)
STA P 48+67.0 - STA P 49+95.0 RT (138.0 LF)
STA P 48+70.0 - STA P 48+85.0 LT (15.0 LF)
STA P 49+31.0 - STA P 51+82.0 LT (251.0 LF)
STA P 50+24.0 - STA P 52+00.0 RT (176.0 LF)
STA KL 1+33.0 - STA KL 1+53.0 LT (20.0 LF)
STA KL 1+33.0 - STA KL 1+53.0 RT (20.0 LF)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA P 46+10.0 - STA P 46+56.0 RT (25.6 SY)
STA P 46+80.0 - STA P 48+30.0 RT (83.3 SY)
STA P 48+60.0 - STA P 49+95.0 RT (107.3 SY)
STA P 49+87.0 - STA P 51+88.0 LT (111.8 SY)
STA P 50+24.0 - STA P 52+00.0 RT (97.8 SY)

618.11 PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH
BURLINGTON:
STA P 46+00.0 - STA P 46+10.0 RT (5.7 SY)
STA P 46+56.0 - STA P 46+80.0 RT (13.6 SY)
STA P 48+30.0 - STA P 48+60.0 RT (16.9 SY)
STA P 51+88.0 - STA P 52+00.0 LT (6.6 SY)

618.15 BITUMINOUS CONCRETE SIDEWALK
BURLINGTON:
STA P 46+00.0 - STA P 49+87.0 LT (47.8 TON)

900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)
BURLINGTON:
STA P 46+00.0 - STA P 49+35.0 LT, SHOULDER (74.4 SY)
STA P 46+00.0 - STA P 49+35.0 RT, BUFFER (148.9 SY)
STA P 49+35.0 - STA P 50+62.0 LT/RT, INTERSECTION (585.9 SY)
STA P 50+62.0 - STA P 52+00.0 LT, BUFFER (23.0 SY)
STA P 50+62.0 - STA P 52+00.0 RT, BUFFER (23.0 SY)

618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA P 49+80.0 RT (20.0 SF)
STA P 49+82.0 LT (20.0 SF)
STA P 50+28.0 RT (10.0 SF)

NOTES:

1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.
2. SEE SHEET MD-3 TO MD-6 FOR BUS SHELTER DETAILS.

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MECC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 10 (P-10)	SHEET 54 OF 339

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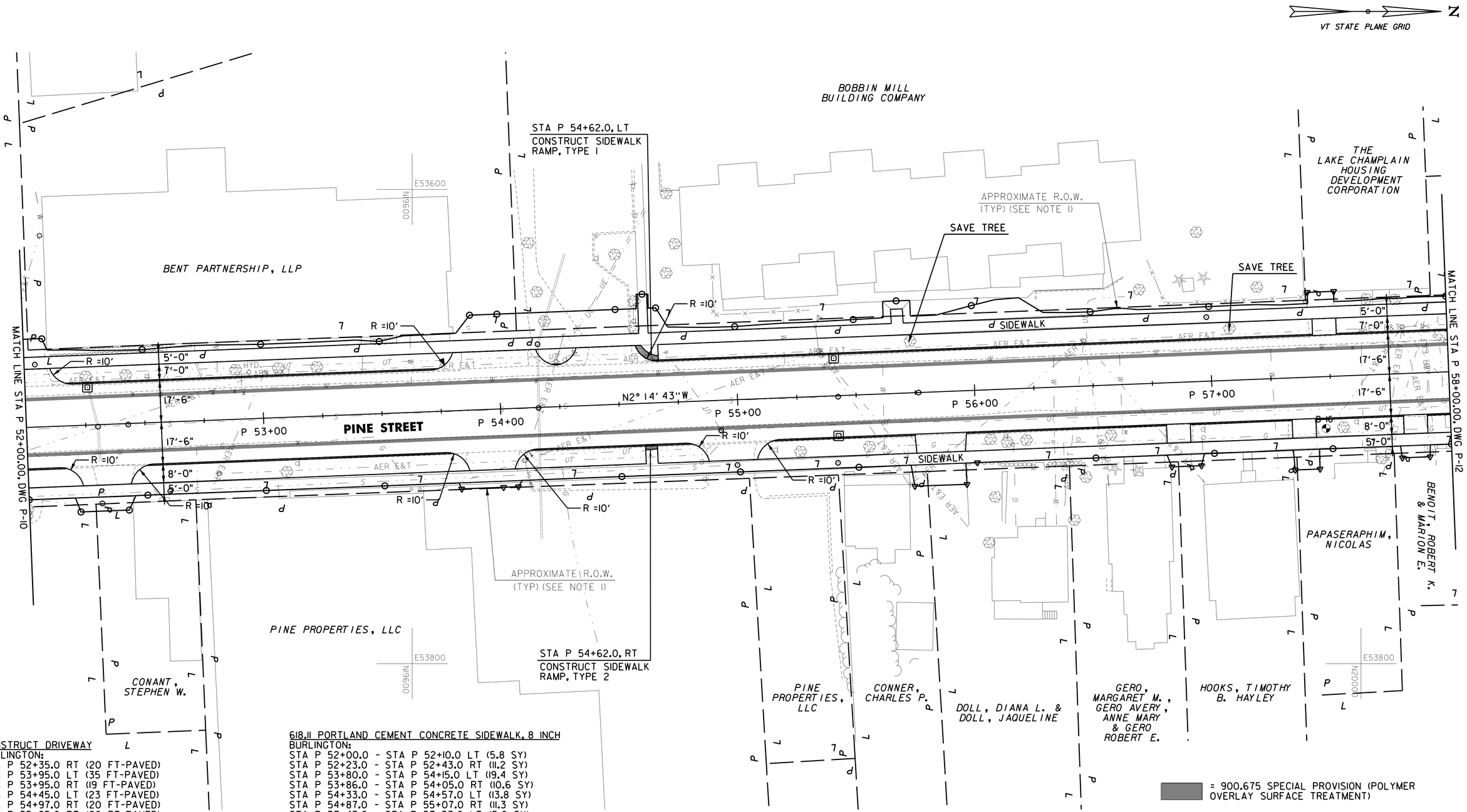


CONSTRUCT DRIVEWAY
BURLINGTON:
STA P 52+35.0 RT (20 FT-PAVED)
STA P 53+95.0 LT (35 FT-PAVED)
STA P 53+95.0 RT (19 FT-PAVED)
STA P 54+45.0 LT (23 FT-PAVED)
STA P 54+97.0 RT (20 FT-PAVED)
STA P 55+85.0 RT (20 FT-PAVED)
STA P 56+85.0 RT (10 FT-PAVED)
STA P 57+38.0 RT (10 FT-PAVED)
STA P 57+48.0 LT (10 FT-PAVED)
STA P 57+85.0 RT (10 FT-PAVED)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA P 52+00.0 - STA P 52+23.0 RT (12.8 SY)
STA P 52+10.0 - STA P 53+80.0 LT (94.4 SY)
STA P 52+43.0 - STA P 53+86.0 RT (79.4 SY)
STA P 54+05.0 - STA P 54+87.0 RT (50.0 SY)
STA P 54+15.0 - STA P 54+33.0 LT (10.0 SY)
STA P 54+57.0 - STA P 57+43.0 LT (173.0 SY)
STA P 55+07.0 - STA P 58+00.0 RT (162.8 SY)
STA P 57+53.0 - STA P 58+00.0 LT (26.1 SY)

618.11 PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH
BURLINGTON:
STA P 52+00.0 - STA P 52+10.0 LT (5.8 SY)
STA P 52+23.0 - STA P 52+43.0 RT (11.2 SY)
STA P 53+80.0 - STA P 54+15.0 LT (19.4 SY)
STA P 53+86.0 - STA P 54+05.0 RT (10.6 SY)
STA P 54+33.0 - STA P 54+57.0 LT (13.8 SY)
STA P 54+87.0 - STA P 55+07.0 RT (11.3 SY)
STA P 57+43.0 - STA P 57+53.0 LT (5.6 SY)

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA P 52+00.0 - STA P 52+16.0 RT (16.0 LF)
STA P 52+17.0 - STA P 53+74.0 LT (157.0 LF)
STA P 52+50.0 - STA P 53+79.0 RT (129.0 LF)
STA P 54+12.0 - STA P 54+80.0 RT (68.0 LF)
STA P 54+22.0 - STA P 54+26.0 LT (4.0 LF)
STA P 54+57.0 - STA P 57+43.0 LT (286.0 LF)
STA P 55+14.0 - STA P 55+73.0 RT (59.0 LF)
STA P 55+96.0 - STA P 56+80.0 RT (84.0 LF)
STA P 56+90.0 - STA P 57+33.0 RT (43.0 LF)
STA P 57+43.0 - STA P 57+80.0 RT (37.0 LF)
STA P 57+53.0 - STA P 58+00.0 LT (47.0 LF)
STA P 57+90.0 - STA P 58+00.0 RT (10.0 LF)

900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)
BURLINGTON:
STA P 52+00.0 - STA P 58+00.0 LT, BUFFER (100.0 SY)
STA P 52+00.0 - STA P 58+00.0 RT, BUFFER (100.0 SY)

618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA P 54+62.0 LT (20.0 SF)
STA P 54+62.0 RT (10.0 SF)

= 900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)

NOTE:

1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.

0 20 40
SCALE IN FEET

CHA

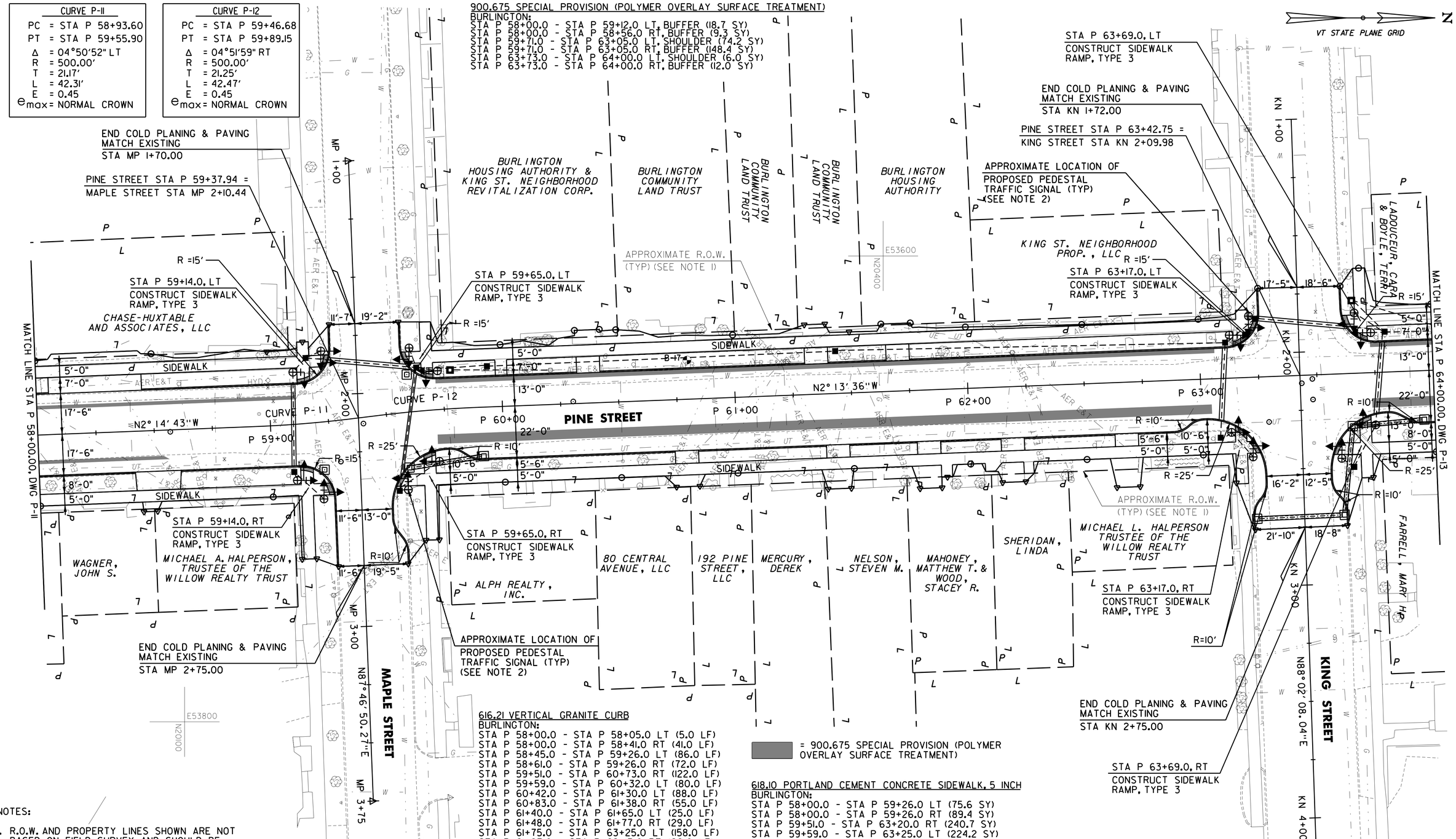
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 11 (P-11)	SHEET 55 OF 339

FILE NAME =L:\BSSR\87D078\Consultants\z87d078bdr_c6.dgn
DATE/TIME = 2/17/2016
USER =4916

CURVE P-11	
PC	= STA P 58+93.60
PT	= STA P 59+55.90
Δ	= 04°50'52" LT
R	= 500.00'
T	= 21.17'
L	= 42.31'
E	= 0.45
e_{max}	= NORMAL CROWN

CURVE P-12	
PC	= STA P 59+46.68
PT	= STA P 59+89.15
Δ	= 04°51'59" RT
R	= 500.00'
T	= 21.25'
L	= 42.47'
E	= 0.45
e_{max}	= NORMAL CROWN

900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)
BURLINGTON:
STA P 58+00.0 - STA P 59+12.0 LT, BUFFER (18.7 SY)
STA P 58+00.0 - STA P 58+56.0 RT, BUFFER (9.3 SY)
STA P 59+71.0 - STA P 63+05.0 LT, SHOULDER (74.2 SY)
STA P 59+71.0 - STA P 63+05.0 RT, BUFFER (148.4 SY)
STA P 63+73.0 - STA P 64+00.0 LT, SHOULDER (6.0 SY)
STA P 63+73.0 - STA P 64+00.0 RT, BUFFER (12.0 SY)



NOTES:

1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.
2. SEE DWGS TSP-3 AND TSP-4 FOR PROPOSED TRAFFIC SIGNAL PLANS.

CONSTRUCT DRIVEWAY
BURLINGTON:
STA P 58+25.0 LT (40 FT-PAVED)
STA P 58+50.0 RT (20 FT-PAVED)
STA P 60+37.0 LT (10 FT-PAVED)
STA P 60+78.0 RT (10 FT-PAVED)
STA P 61+35.0 LT (10 FT-PAVED)
STA P 61+43.0 RT (10 FT-PAVED)
STA P 61+70.0 LT (10 FT-PAVED)
STA P 61+82.0 RT (10 FT-PAVED)
STA P 62+18.0 RT (10 FT-PAVED)
STA P 62+68.0 RT (10 FT-PAVED)

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA P 58+00.0 - STA P 58+05.0 LT (5.0 LF)
STA P 58+00.0 - STA P 58+41.0 RT (41.0 LF)
STA P 58+45.0 - STA P 59+26.0 LT (86.0 LF)
STA P 58+61.0 - STA P 59+26.0 RT (72.0 LF)
STA P 59+51.0 - STA P 60+73.0 RT (122.0 LF)
STA P 59+59.0 - STA P 60+32.0 LT (80.0 LF)
STA P 60+42.0 - STA P 61+30.0 LT (88.0 LF)
STA P 60+83.0 - STA P 61+38.0 RT (55.0 LF)
STA P 61+40.0 - STA P 61+65.0 LT (25.0 LF)
STA P 61+48.0 - STA P 61+77.0 RT (29.0 LF)
STA P 61+75.0 - STA P 63+25.0 LT (158.0 LF)
STA P 61+87.0 - STA P 62+13.0 RT (26.0 LF)
STA P 62+23.0 - STA P 62+62.0 RT (39.0 LF)
STA P 62+72.0 - STA P 63+20.0 RT (60.0 LF)
STA P 63+60.0 - STA P 64+00.0 RT (53.0 LF)
STA P 63+61.0 - STA P 64+00.0 LT (44.0 LF)
STA MP 1+70.0 - STA MP 1+83.0 LT (13.0 LF)
STA MP 1+70.0 - STA MP 1+83.0 RT (13.0 LF)
STA MP 2+43.0 - STA MP 2+75.0 RT (32.0 LF)
STA MP 2+40.0 - STA MP 2+75.0 LT (36.0 LF)
STA KN 1+72.0 - STA KN 1+85.0 LT (13.0 LF)
STA KN 1+72.0 - STA KN 1+85.0 RT (13.0 LF)
STA KN 2+44.0 - STA KN 2+75.0 LT (35.0 LF)
STA KN 2+44.0 - STA KN 2+75.0 RT (35.0 LF)

= 900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA P 58+00.0 - STA P 59+26.0 LT (75.6 SY)
STA P 58+00.0 - STA P 59+26.0 RT (89.4 SY)
STA P 59+51.0 - STA P 63+20.0 RT (240.7 SY)
STA P 59+59.0 - STA P 63+25.0 LT (224.2 SY)
STA P 63+60.0 - STA P 64+00.0 RT (35.0 SY)
STA P 63+61.0 - STA P 64+00.0 LT (35.2 SY)

618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA P 59+14.0 LT (20.0 SF)
STA P 59+14.0 RT (20.0 SF)
STA P 59+65.0 LT (20.0 SF)
STA P 59+65.0 RT (20.0 SF)
STA P 63+17.0 LT (20.0 SF)
STA P 63+17.0 RT (20.0 SF)
STA P 63+69.0 LT (20.0 SF)
STA P 63+69.0 RT (20.0 SF)

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 12 (P-12)	SHEET 56 OF 339

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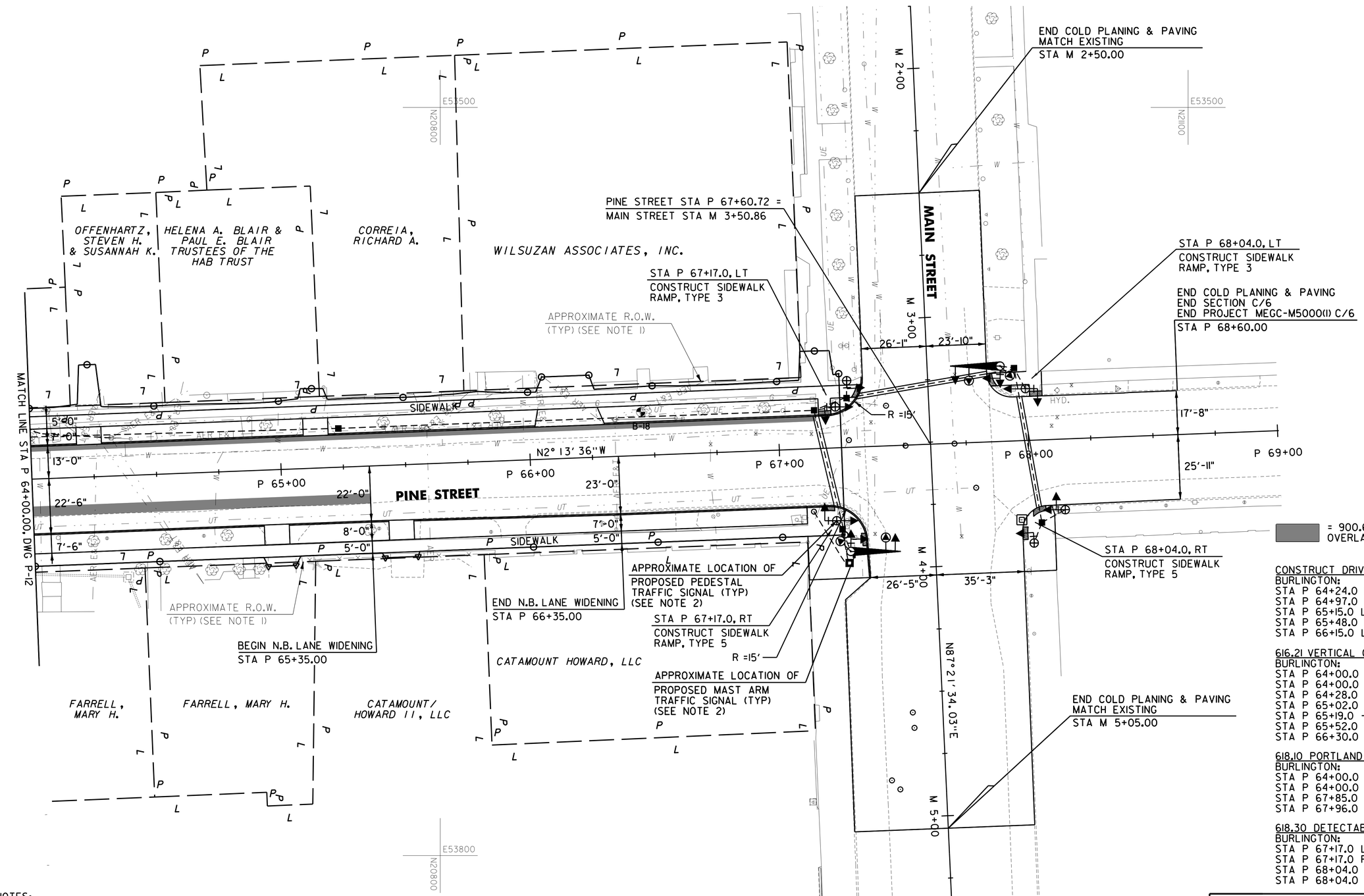

= 900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)

CONSTRUCT DRIVEWAY
BURLINGTON:
STA P 64+24.0 LT (10 FT-PAVED)
STA P 64+97.0 RT (10 FT-PAVED)
STA P 65+15.0 LT (10 FT-PAVED)
STA P 65+48.0 RT (10 FT-PAVED)
STA P 66+15.0 LT (24 FT-PAVED)

616.21 VERTICAL GRANITE CURB
BURLINGTON:
STA P 64+00.0 - STA P 64+18.0 LT (18.0 LF)
STA P 64+00.0 - STA P 64+92.0 RT (92.0 LF)
STA P 64+28.0 - STA P 65+09.0 LT (81.0 LF)
STA P 65+02.0 - STA P 65+42.0 RT (40.0 LF)
STA P 65+19.0 - STA P 66+02.0 LT (83.0 LF)
STA P 65+52.0 - STA P 67+34.0 RT (204.0 LF)
STA P 66+30.0 - STA P 67+34.0 LT (112.0 LF)

618.10 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
BURLINGTON:
STA P 64+00.0 - STA P 67+34.0 LT (186.7 SY)
STA P 64+00.0 - STA P 67+34.0 RT (245.5 SY)
STA P 67+85.0 - STA P 68+06.0 LT (14.5 SY)
STA P 67+96.0 - STA P 68+09.0 RT (35.1 SY)

618.30 DETECTABLE WARNING SURFACE
BURLINGTON:
STA P 67+17.0 LT (20.0 SF)
STA P 67+17.0 RT (20.0 SF)
STA P 68+04.0 LT (20.0 SF)
STA P 68+04.0 RT (20.0 SF)

NOTES:

1. R.O.W. AND PROPERTY LINES SHOWN ARE NOT BASED ON FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE.
2. SEE DWG TSP-5 FOR PROPOSED TRAFFIC SIGNAL PLANS.

900.675 SPECIAL PROVISION (POLYMER OVERLAY SURFACE TREATMENT)
BURLINGTON:
STA P 64+00.0 - STA P 67+17.0 LT, SHOULDER (70.4 SY)
STA P 64+00.0 - STA P 65+35.0 RT, BUFFER (60.0 SY)

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PLAN SHEET 13 (P-13)	SHEET 57 OF 339

CHA

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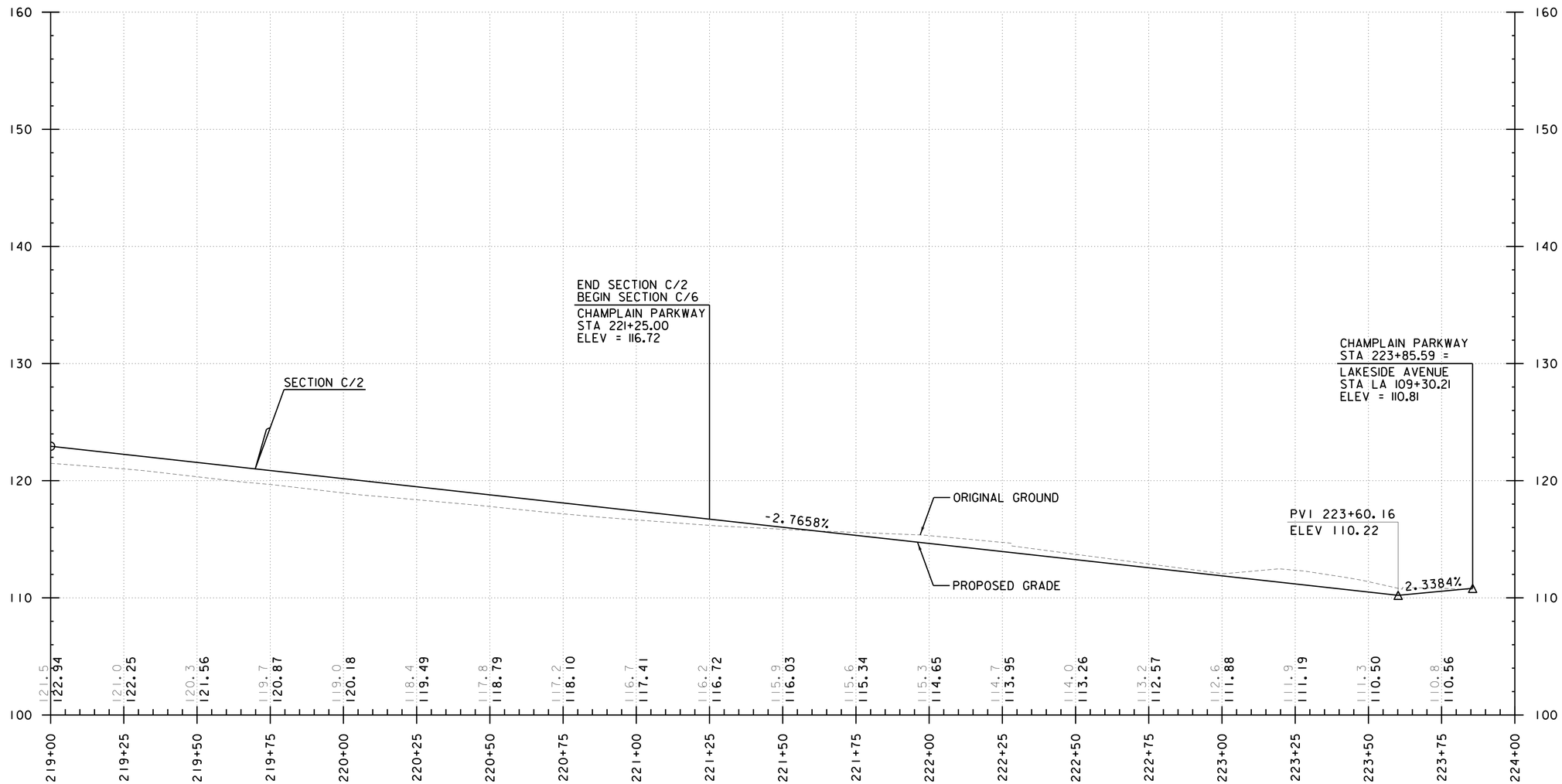
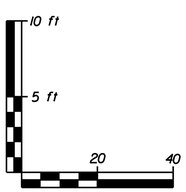


CHAMPLAIN PARKWAY



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PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 1 (PRO-1)	SHEET 58 OF 339

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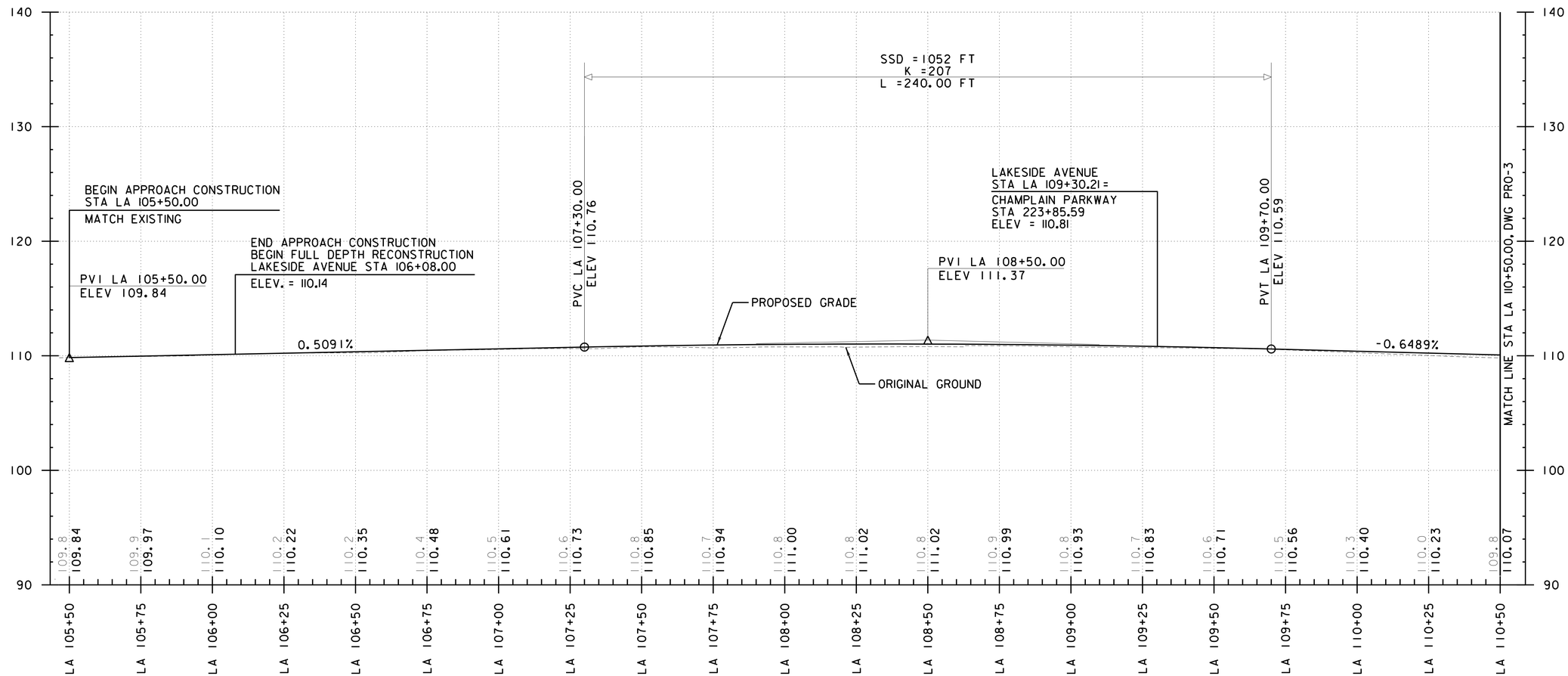
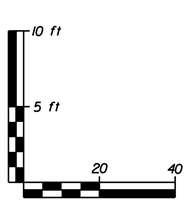


LAKESIDE AVENUE



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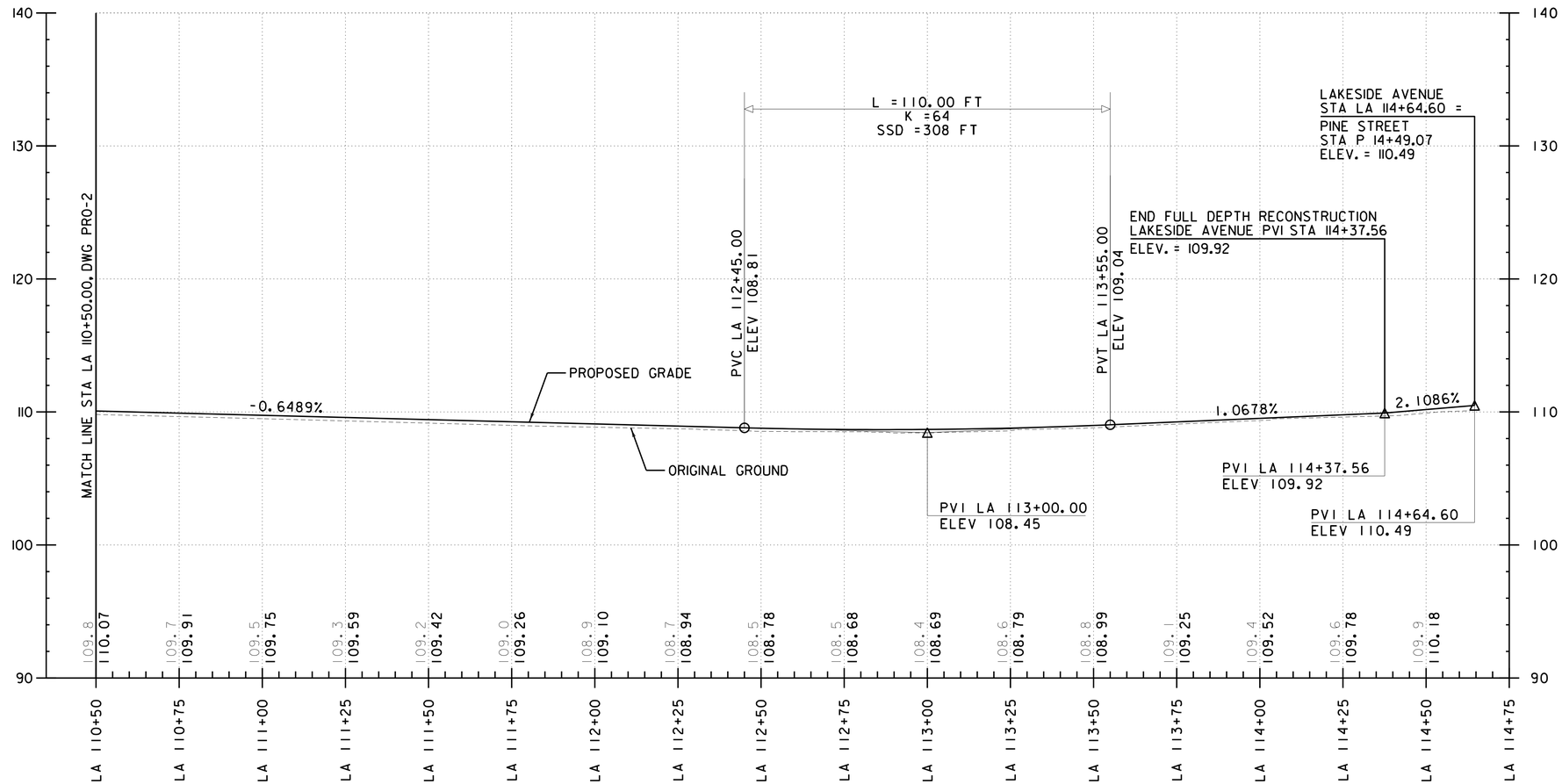
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 2 (PRO-2)	SHEET 59 OF 339



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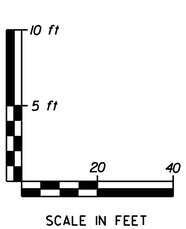

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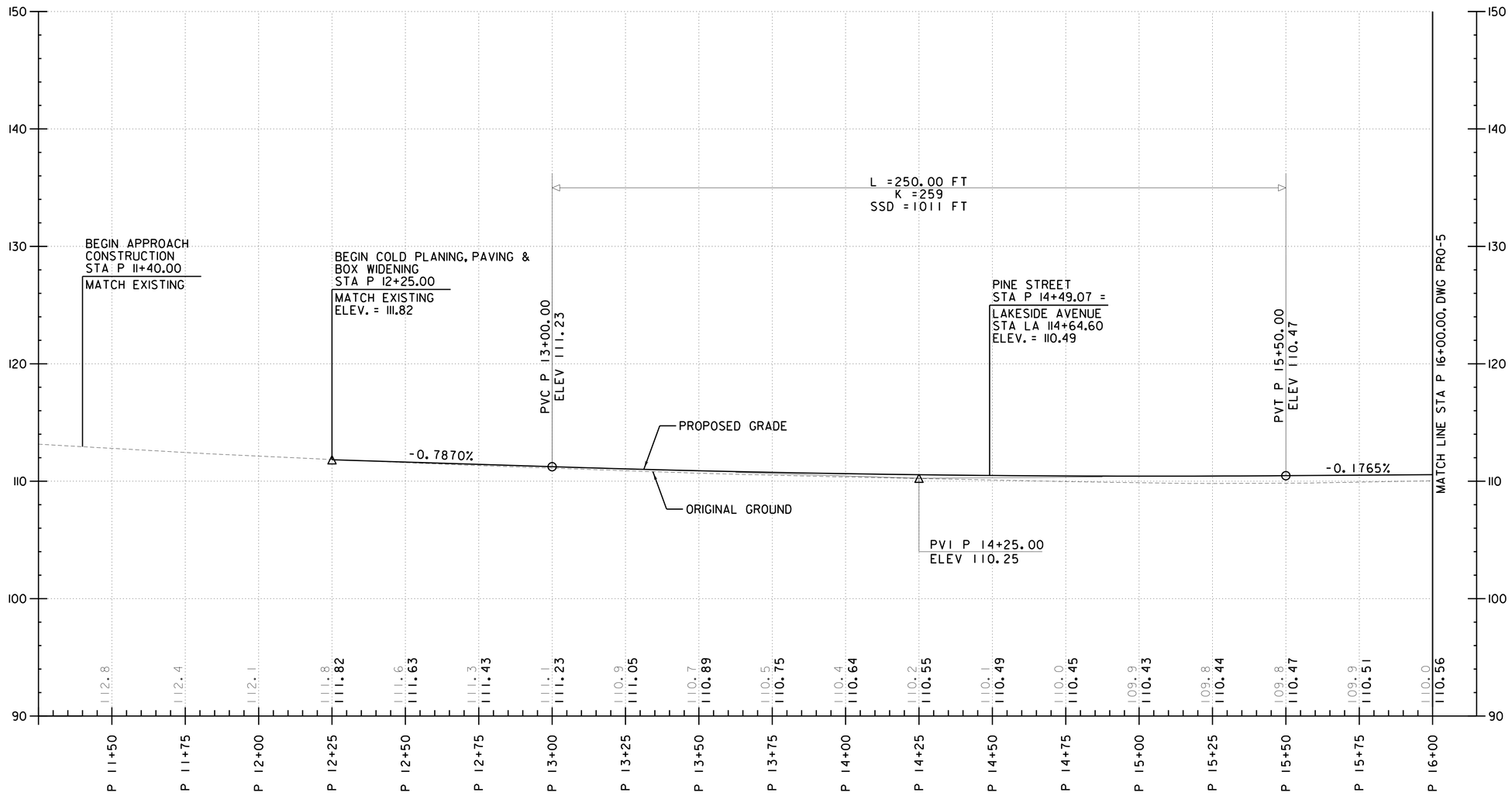
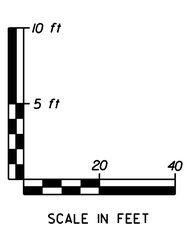
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 3 (PRO-3)	SHEET 60 OF 339

CHA



PINE STREET



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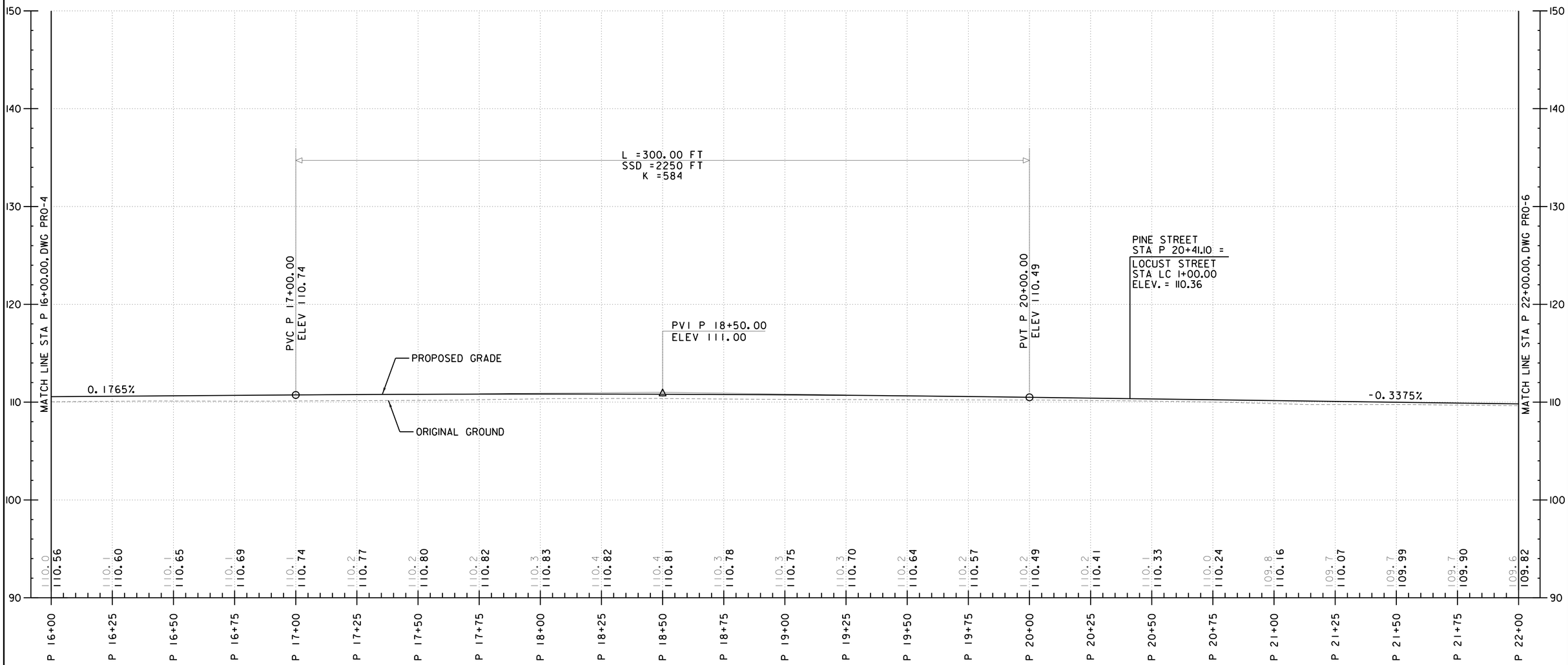
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 4 (PRO-4)	SHEET 61 OF 339

CHA



PINE STREET

10 ft
5 ft
20
40
SCALE IN FEET

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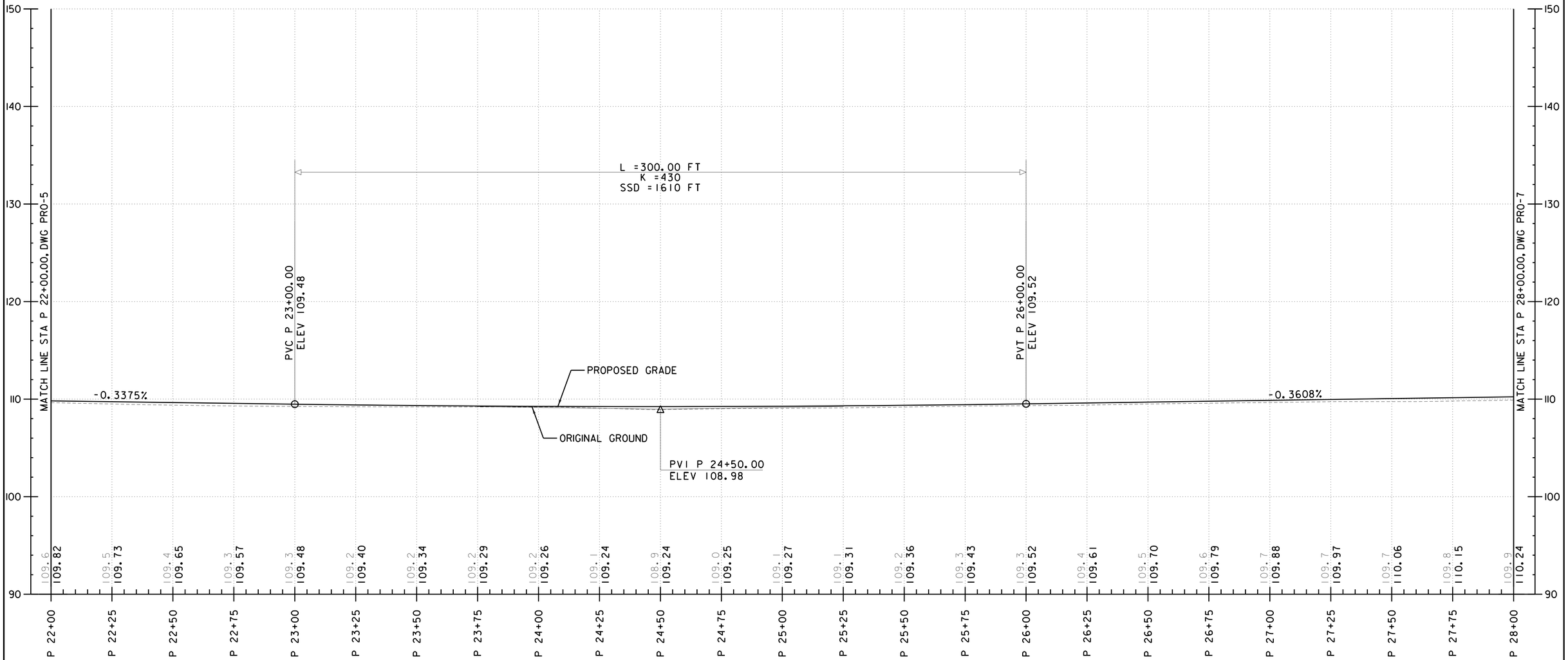
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 5 (PRO-5)	SHEET 62 OF 339



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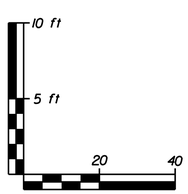

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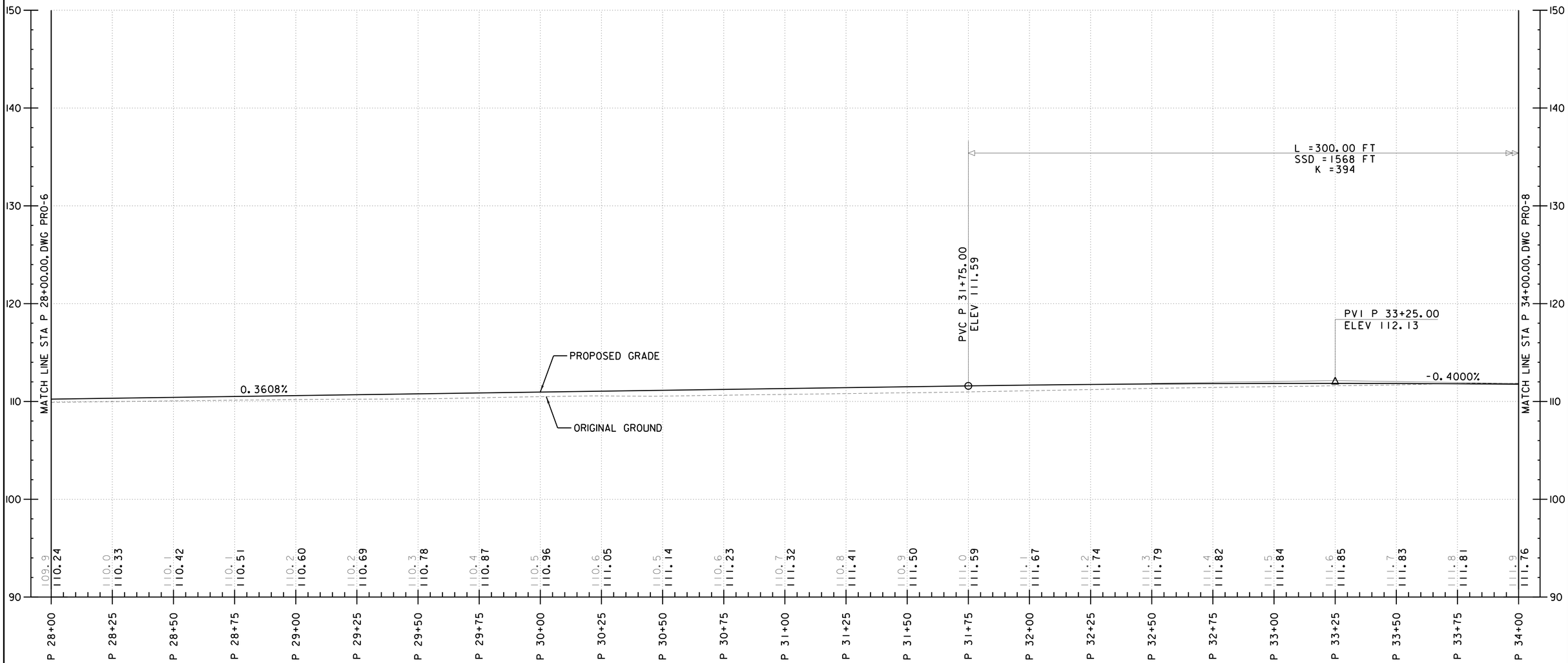
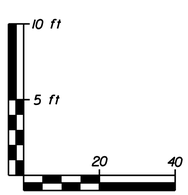
USER =4916

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 6 (PRO-6)	SHEET 63 OF 339

CHA



PINE STREET



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PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 7 (PRO-7)	SHEET 64 OF 339

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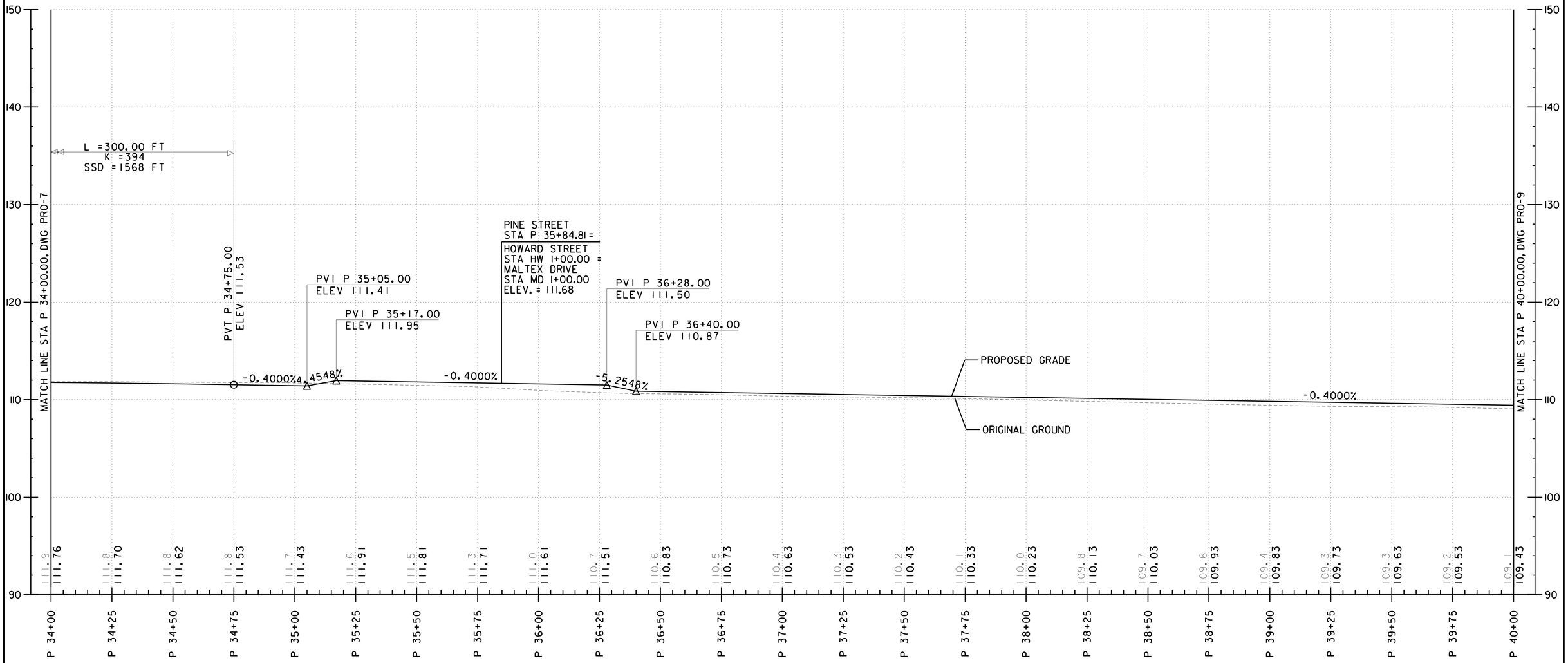
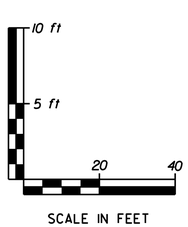


PINE STREET



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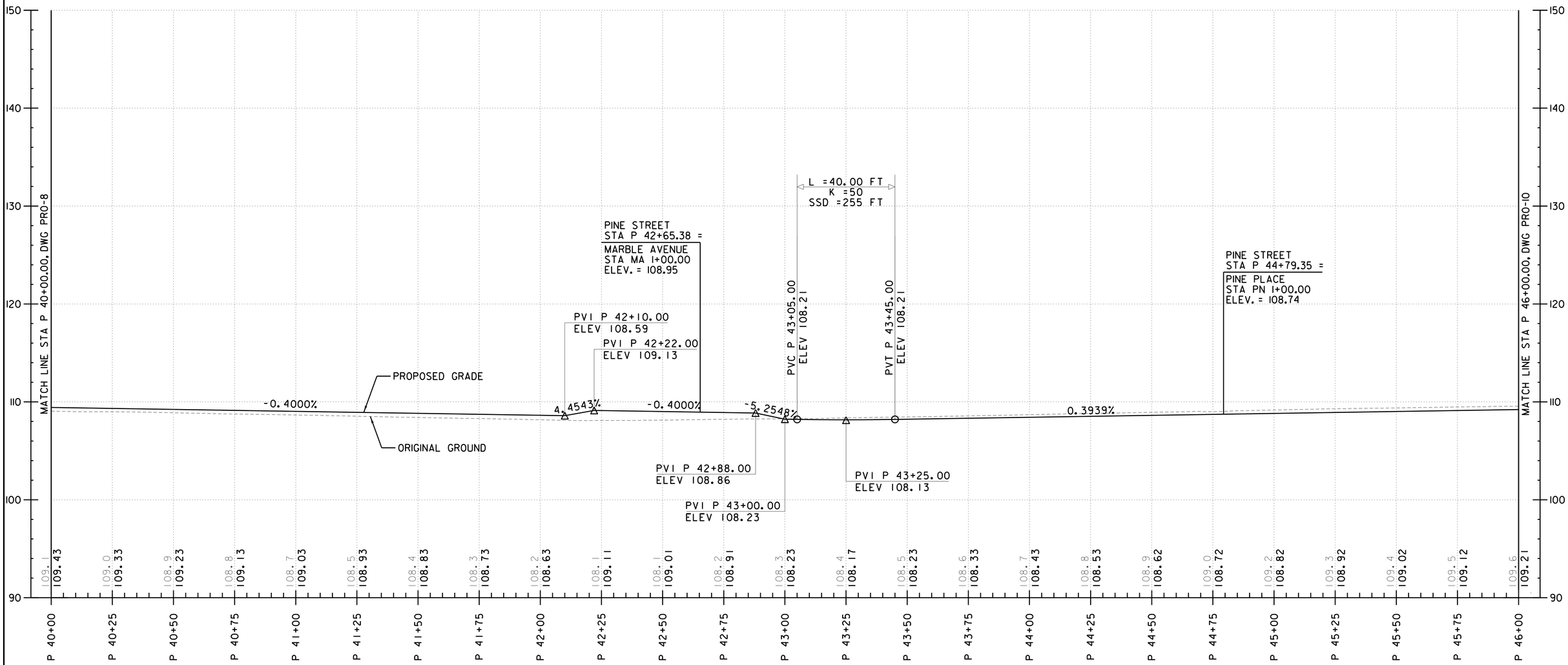
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 8 (PRO-8)	SHEET 65 OF 339



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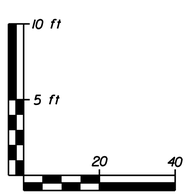

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PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 9 (PRO-9)	SHEET 66 OF 339

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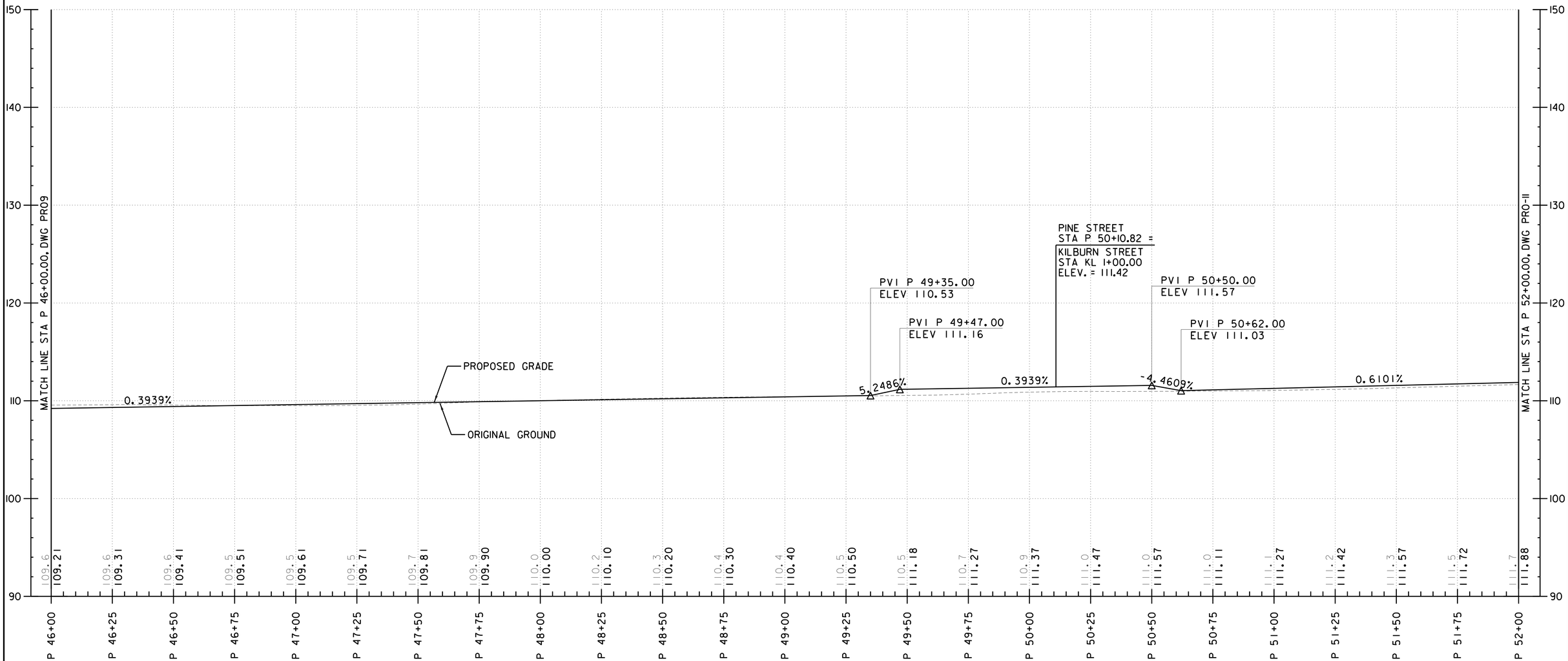

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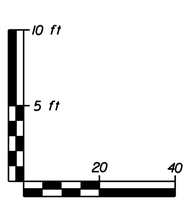

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PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 10 (PRO-10)	SHEET 67 OF 339

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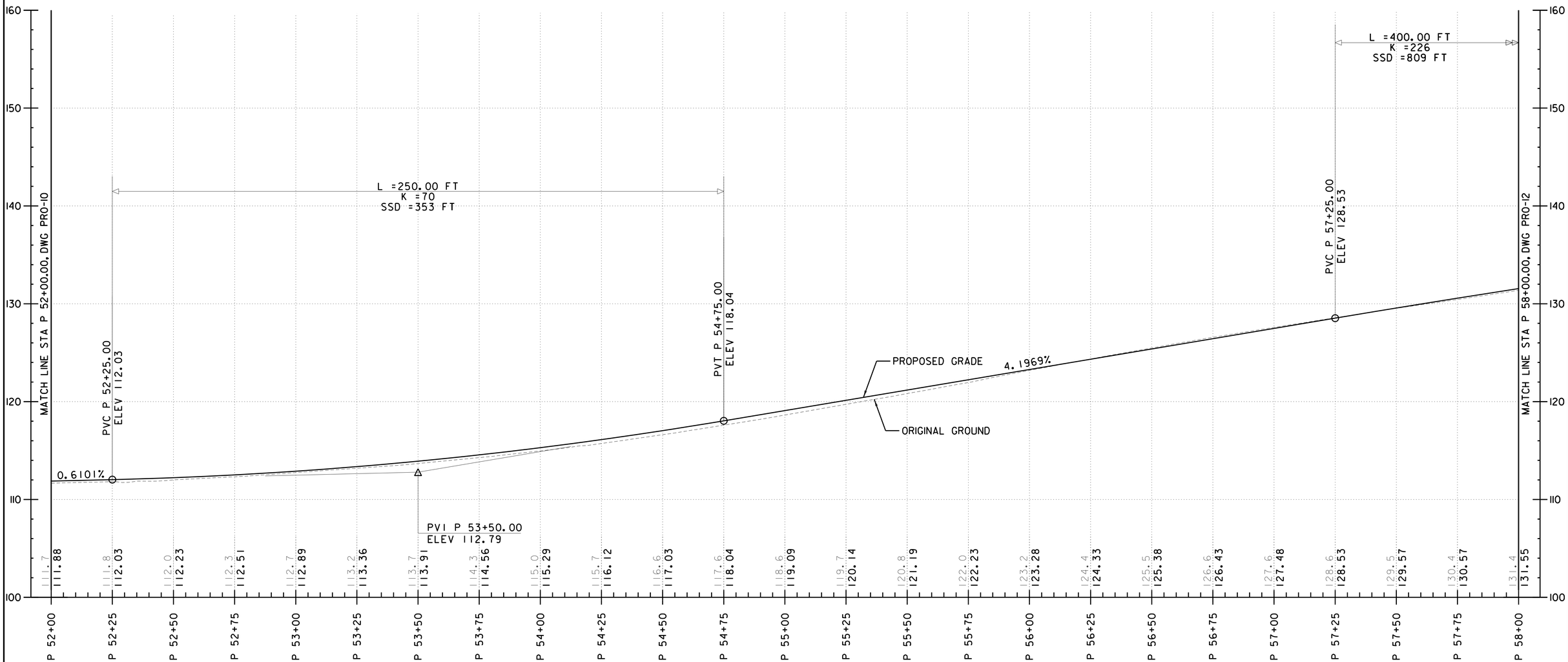

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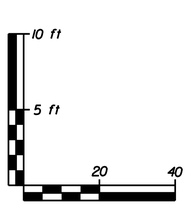

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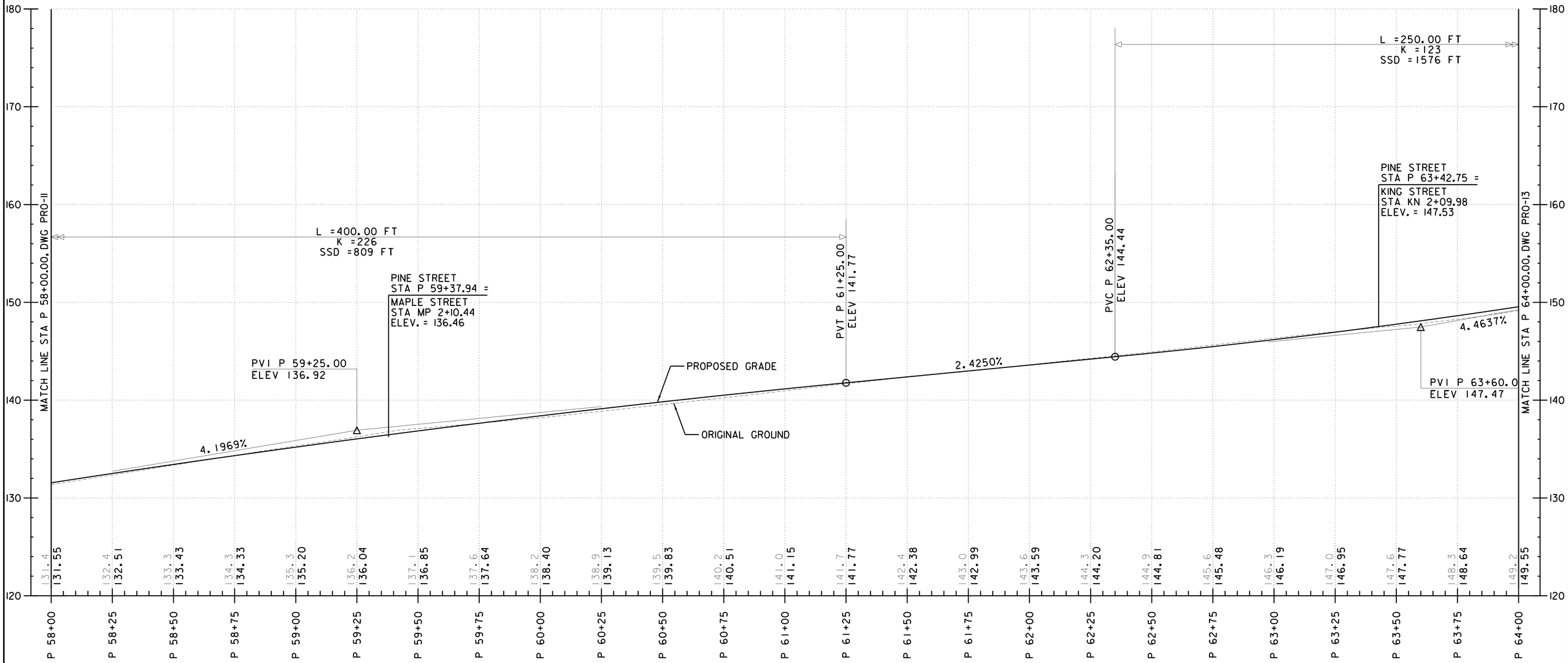
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET II (PRO-II)	SHEET 68 OF 339



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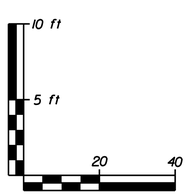

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PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 12 (PRO-12)	SHEET 69 OF 339

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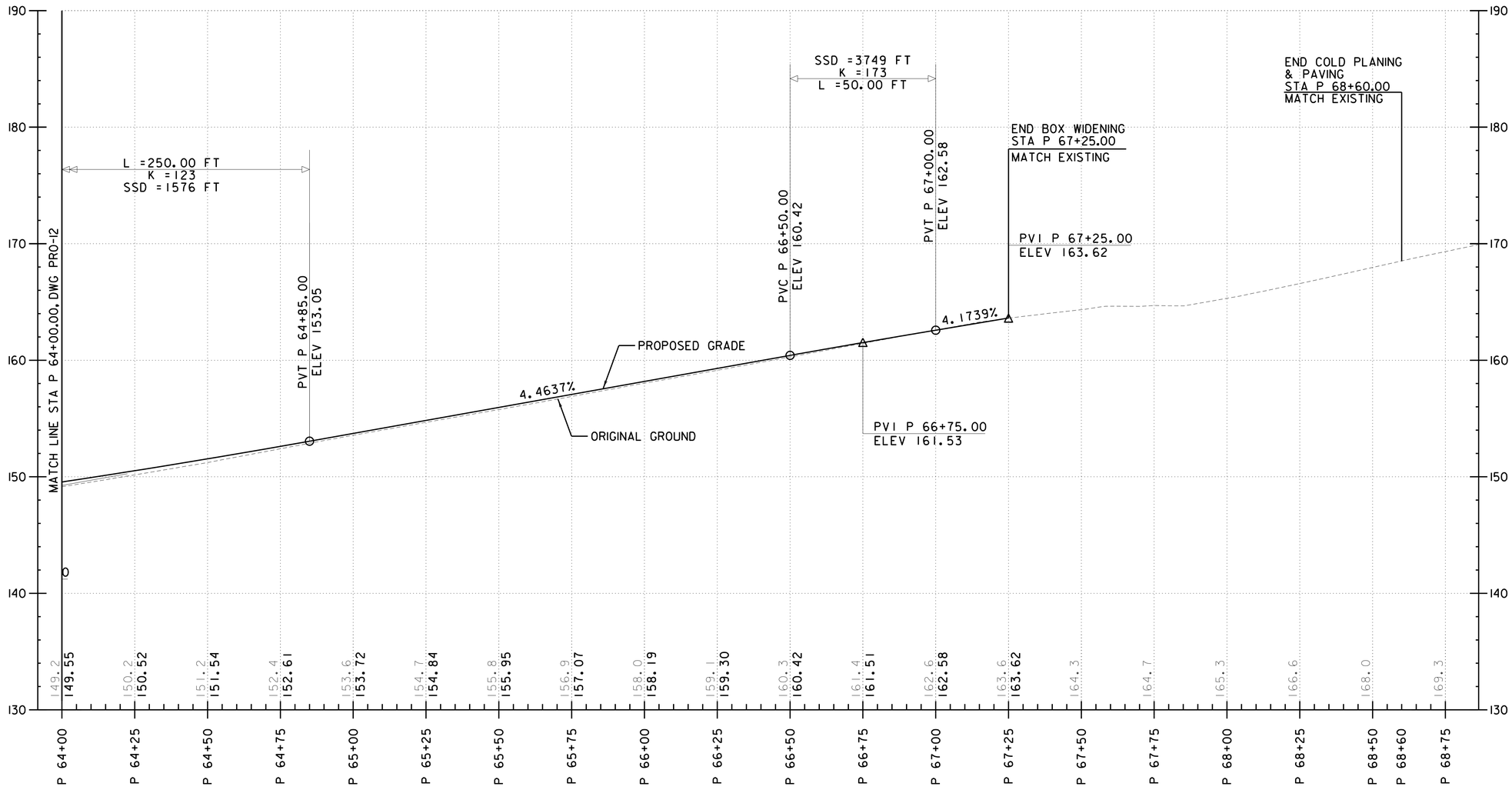

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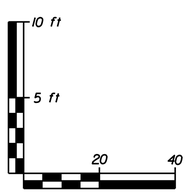

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PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 13 (PRO-13)	SHEET 70 OF 339

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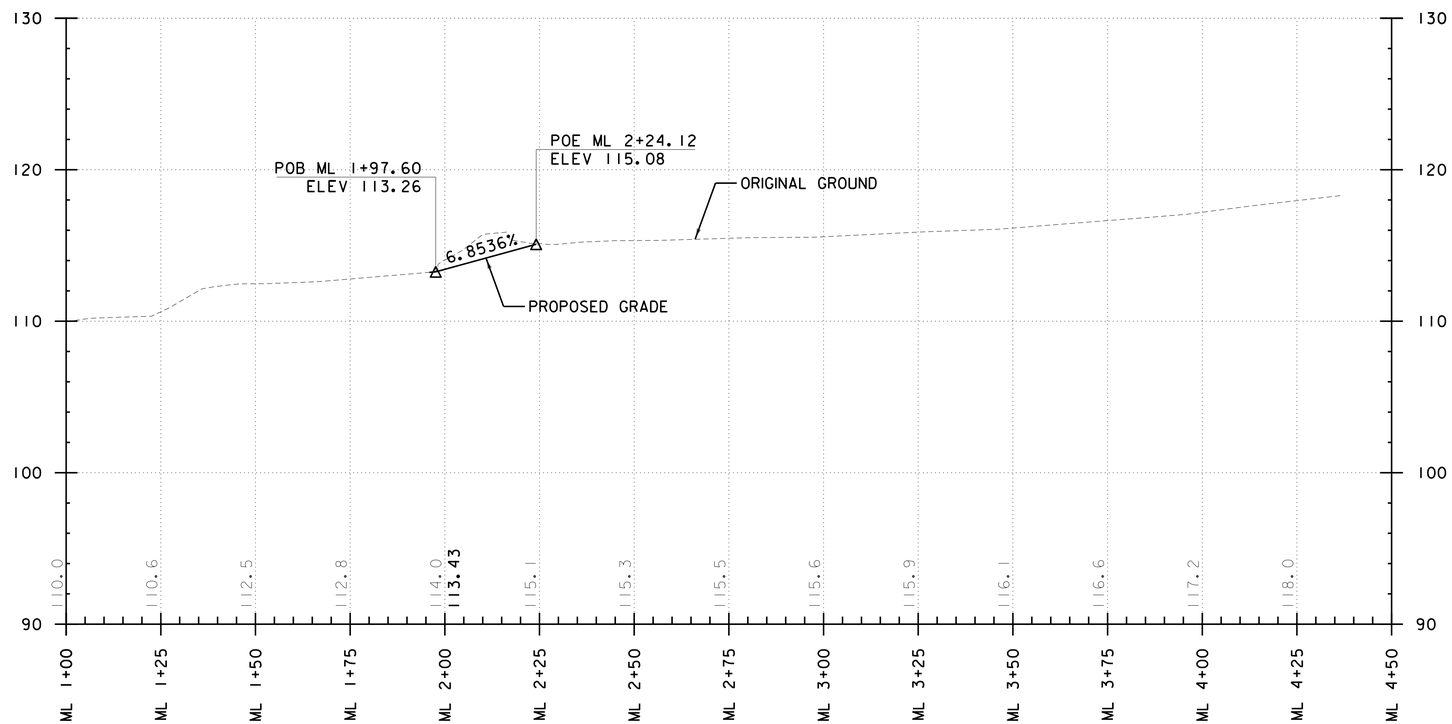
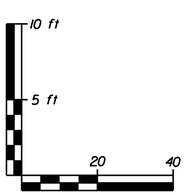


MILLER DRIVEWAY



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PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 14 (PRO-14)	SHEET 71 OF 339

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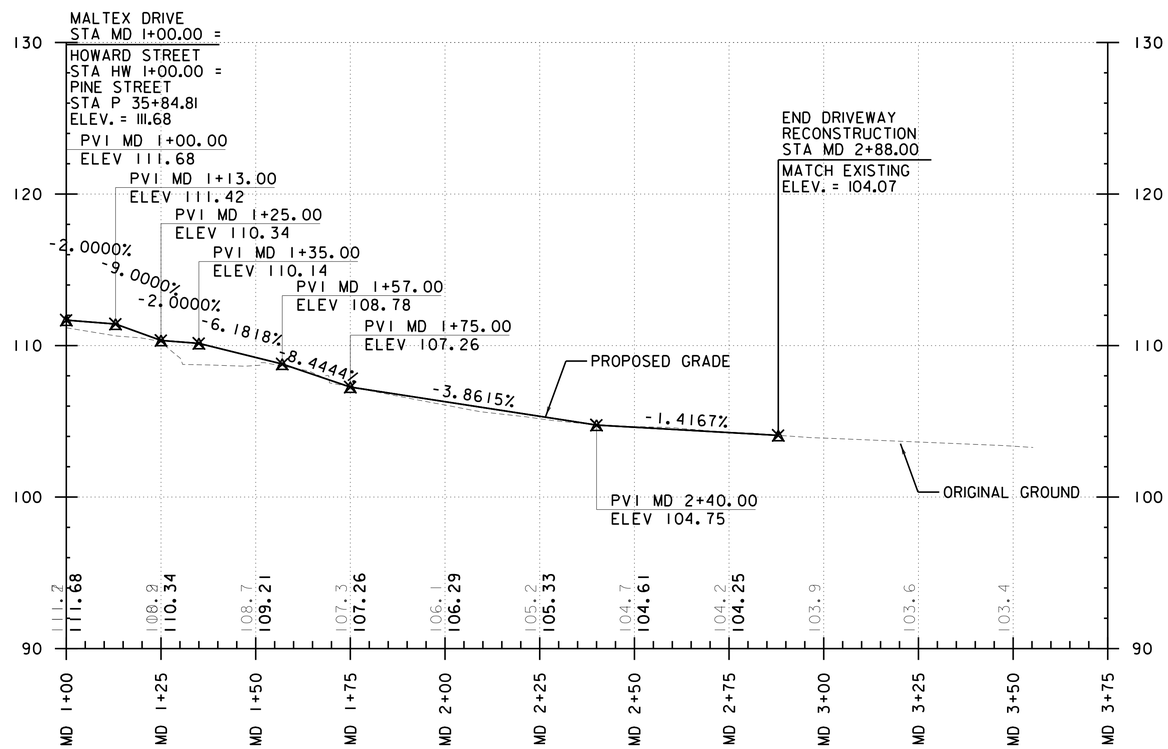

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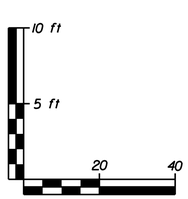

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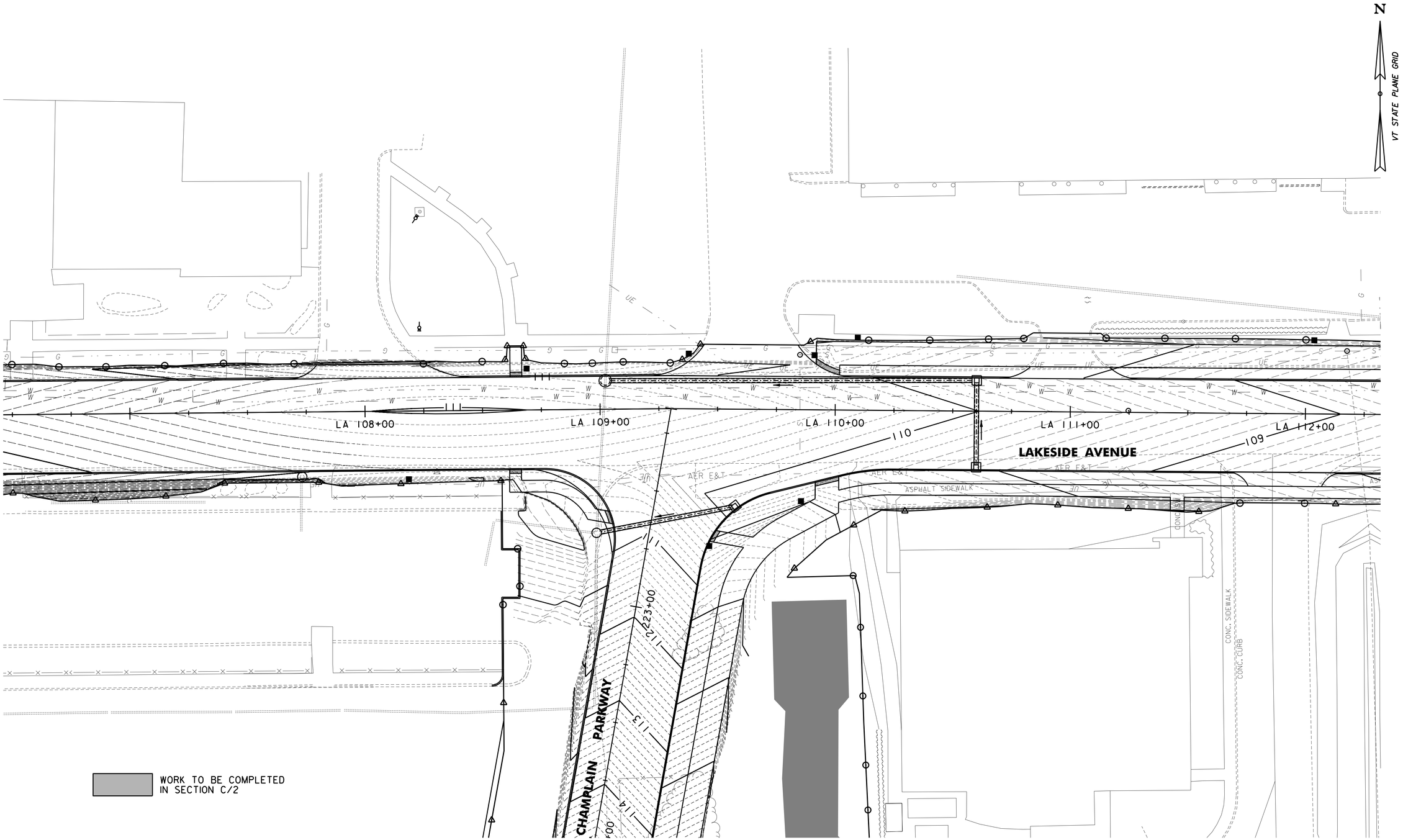
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078pro_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PROFILE SHEET 15 (PRO-15)	SHEET 72 OF 339



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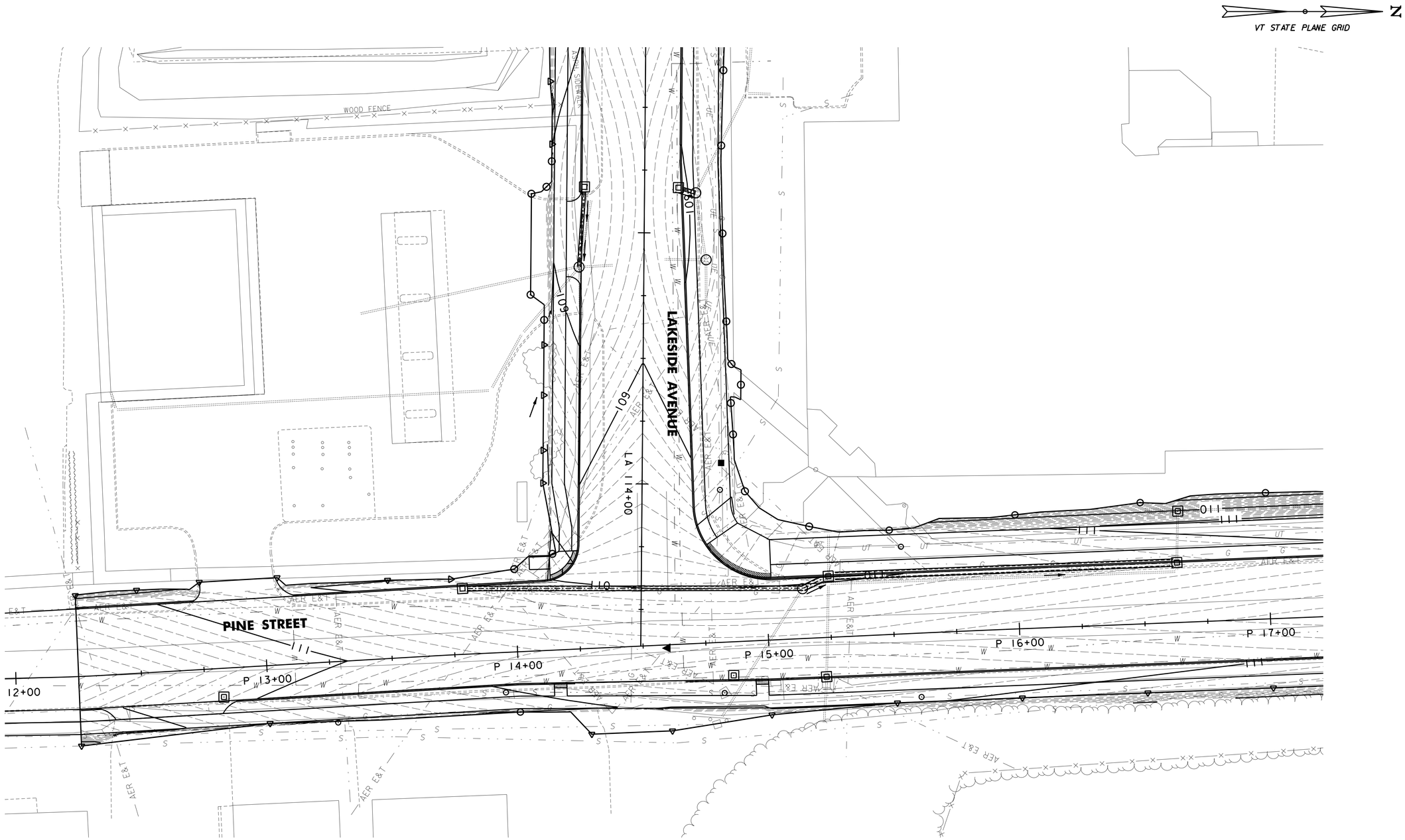
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078gr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE GRADING PLAN SHEET (GR-1)	SHEET 73 OF 339

FILE NAME =U:\86859\870078\Consultants\z87d078gr_c6.dgn
DATE/TIME =2/17/2016
USER =4916



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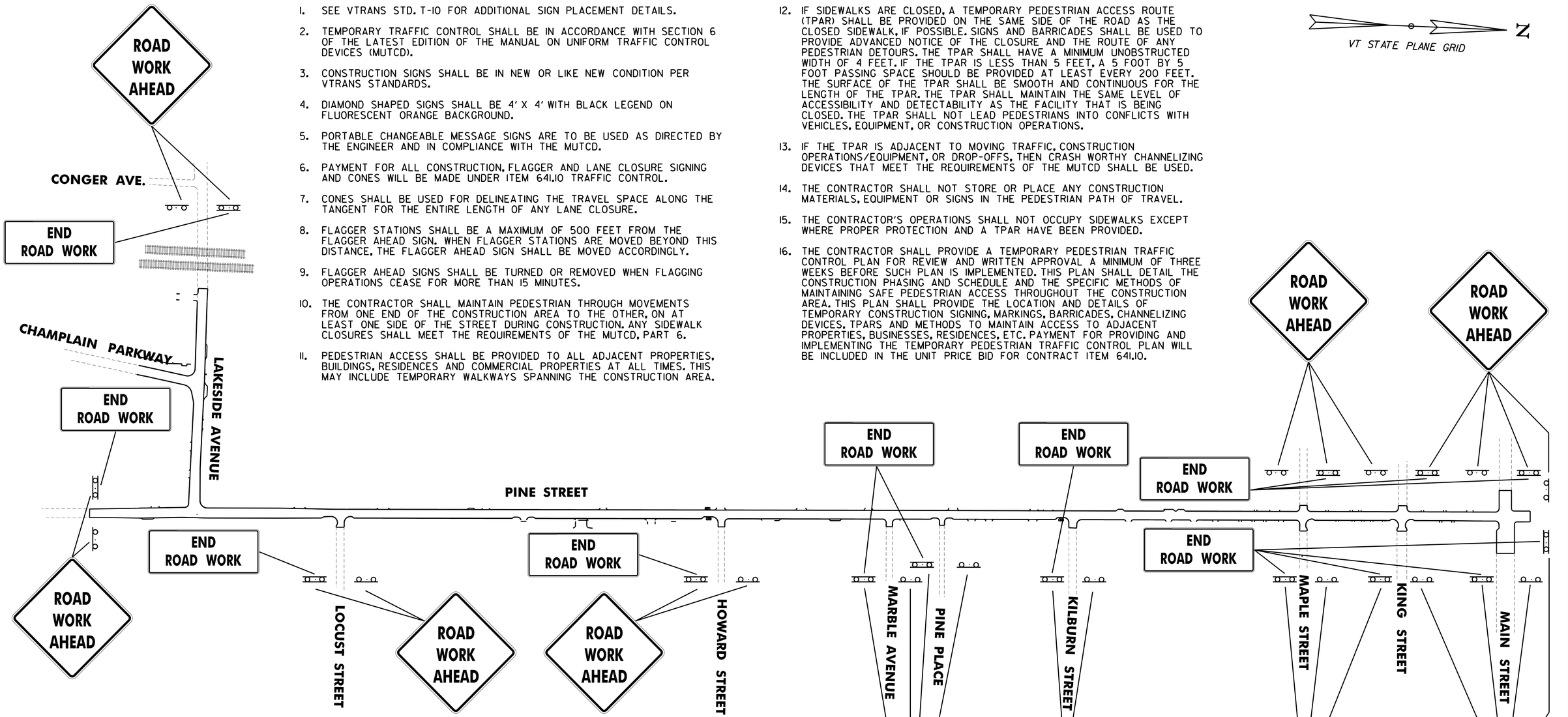
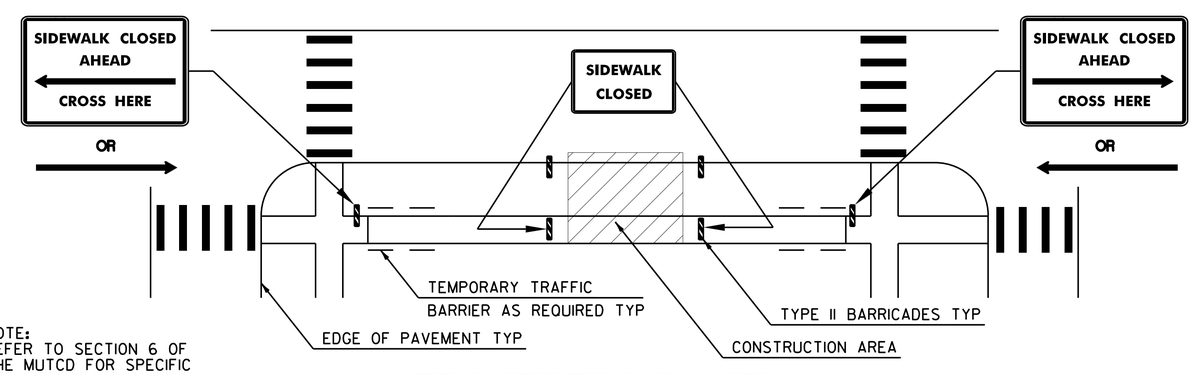
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078gr_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST GRADING PLAN SHEET (GR-2)	SHEET 74 OF 339

FILE NAME =U:\96859\87D078\Consultants\z87d078gr_c6.dgn
DATE/TIME = 2/17/2016
USER =4916

NOTES:

1. SEE VTRANS STD. T-10 FOR ADDITIONAL SIGN PLACEMENT DETAILS.
2. TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VTRANS STANDARDS.
4. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
5. PORTABLE CHANGEABLE MESSAGE SIGNS ARE TO BE USED AS DIRECTED BY THE ENGINEER AND IN COMPLIANCE WITH THE MUTCD.
6. PAYMENT FOR ALL CONSTRUCTION, FLAGGER AND LANE CLOSURE SIGNING AND CONES WILL BE MADE UNDER ITEM 641.10 TRAFFIC CONTROL.
7. CONES SHALL BE USED FOR DELINEATING THE TRAVEL SPACE ALONG THE TANGENT FOR THE ENTIRE LENGTH OF ANY LANE CLOSURE.
8. FLAGGER STATIONS SHALL BE A MAXIMUM OF 500 FEET FROM THE FLAGGER AHEAD SIGN. WHEN FLAGGER STATIONS ARE MOVED BEYOND THIS DISTANCE, THE FLAGGER AHEAD SIGN SHALL BE MOVED ACCORDINGLY.
9. FLAGGER AHEAD SIGNS SHALL BE TURNED OR REMOVED WHEN FLAGGING OPERATIONS CEASE FOR MORE THAN 15 MINUTES.
10. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, ON AT LEAST ONE SIDE OF THE STREET DURING CONSTRUCTION. ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE MUTCD, PART 6.
11. PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES AND COMMERCIAL PROPERTIES AT ALL TIMES. THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.
12. IF SIDEWALKS ARE CLOSED, A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK, IF POSSIBLE. SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCED NOTICE OF THE CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET, A 5 FOOT BY 5 FOOT PASSING SPACE SHOULD BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE SMOOTH AND CONTINUOUS FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFLICTS WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.
13. IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROP-OFFS, THEN CRASH WORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE MUTCD SHALL BE USED.
14. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.
15. THE CONTRACTOR'S OPERATIONS SHALL NOT OCCUPY SIDEWALKS EXCEPT WHERE PROPER PROTECTION AND A TPAR HAVE BEEN PROVIDED.
16. THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN FOR REVIEW AND WRITTEN APPROVAL A MINIMUM OF THREE WEEKS BEFORE SUCH PLAN IS IMPLEMENTED. THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPARS AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES, RESIDENCES, ETC. PAYMENT FOR PROVIDING AND IMPLEMENTING THE TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.10.





NOTE:
REFER TO SECTION 6 OF THE MUTCD FOR SPECIFIC REQUIREMENTS FOR PEDESTRIAN CROSSOVERS.

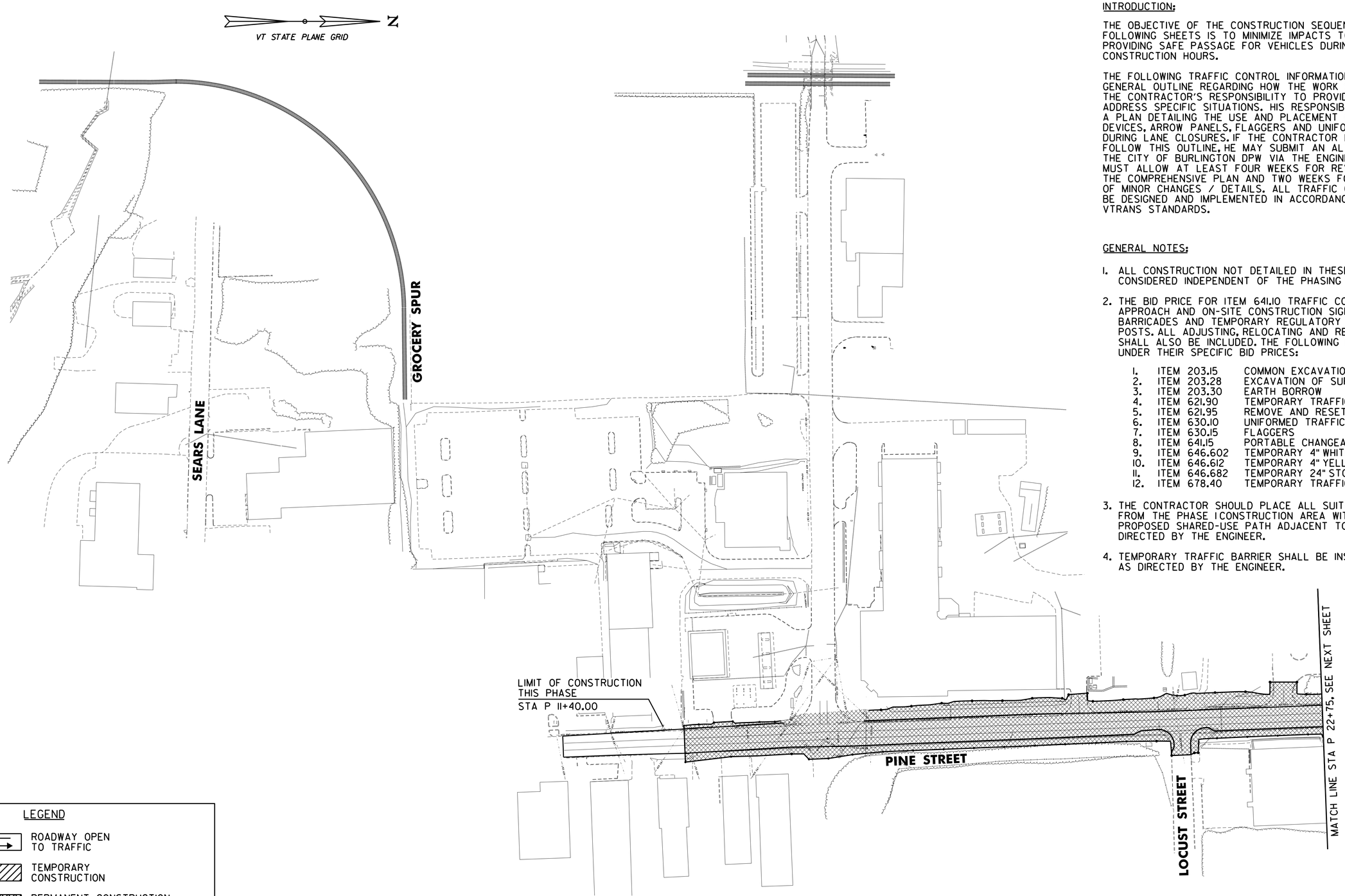
TYPICAL PEDESTRIAN CROSSOVER
(NOT TO SCALE)

NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078cas_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
CONSTRUCTION APPROACH SIGNING SHEET (CAS-1)	SHEET 75 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078cas_c6.dgn
DATE/TIME =2/17/2016
USER =4916



INTRODUCTION:

THE OBJECTIVE OF THE CONSTRUCTION SEQUENCING SHOWN ON THE FOLLOWING SHEETS IS TO MINIMIZE IMPACTS TO TRAFFIC FLOW WHILE PROVIDING SAFE PASSAGE FOR VEHICLES DURING AND AFTER CONSTRUCTION HOURS.

THE FOLLOWING TRAFFIC CONTROL INFORMATION IS INTENDED TO BE A GENERAL OUTLINE REGARDING HOW THE WORK SHOULD PROCEED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SPECIFIC DETAILS TO ADDRESS SPECIFIC SITUATIONS. HIS RESPONSIBILITY INCLUDES PROVIDING A PLAN DETAILING THE USE AND PLACEMENT OF SIGNS, CHANNELIZING DEVICES, ARROW PANELS, FLAGGERS AND UNIFORMED TRAFFIC OFFICERS DURING LANE CLOSURES. IF THE CONTRACTOR DOES NOT WISH TO FOLLOW THIS OUTLINE, HE MAY SUBMIT AN ALTERNATE PROPOSAL TO THE CITY OF BURLINGTON DPW VIA THE ENGINEER. THE CONTRACTOR MUST ALLOW AT LEAST FOUR WEEKS FOR REVIEW AND APPROVAL OF THE COMPREHENSIVE PLAN AND TWO WEEKS FOR REVIEW AND APPROVAL OF MINOR CHANGES / DETAILS. ALL TRAFFIC CONTROL DEVICES MUST BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH THE MUTCD AND VTRANS STANDARDS.

GENERAL NOTES:

1. ALL CONSTRUCTION NOT DETAILED IN THESE SEQUENCING PLANS IS CONSIDERED INDEPENDENT OF THE PHASING SHOWN.

2. THE BID PRICE FOR ITEM 641.10 TRAFFIC CONTROL SHALL INCLUDE ALL APPROACH AND ON-SITE CONSTRUCTION SIGNS, BARRELS, CONES, BARRICADES AND TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS. ALL ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES SHALL ALSO BE INCLUDED. THE FOLLOWING ITEMS SHALL BE PAID FOR UNDER THEIR SPECIFIC BID PRICES:

1.	ITEM 203.15	COMMON EXCAVATION
2.	ITEM 203.28	EXCAVATION OF SURFACES AND PAVEMENTS
3.	ITEM 203.30	EARTH BORROW
4.	ITEM 621.90	TEMPORARY TRAFFIC BARRIER
5.	ITEM 621.95	REMOVE AND RESET TEMPORARY TRAFFIC BARRIER
6.	ITEM 630.10	UNIFORMED TRAFFIC OFFICERS
7.	ITEM 630.15	FLAGGERS
8.	ITEM 641.15	PORTABLE CHANGEABLE MESSAGE SIGN
9.	ITEM 646.602	TEMPORARY 4" WHITE LINE, PAINT
10.	ITEM 646.612	TEMPORARY 4" YELLOW LINE, PAINT
11.	ITEM 646.682	TEMPORARY 24" STOP BAR, PAINT
12.	ITEM 678.40	TEMPORARY TRAFFIC SIGNAL SYSTEM

3. THE CONTRACTOR SHOULD PLACE ALL SUITABLE EXCAVATION MATERIAL FROM THE PHASE 1 CONSTRUCTION AREA WITHIN THE LIMITS OF THE PROPOSED SHARED-USE PATH ADJACENT TO POTASH BROOK AS DIRECTED BY THE ENGINEER.

4. TEMPORARY TRAFFIC BARRIER SHALL BE INSTALLED AND MAINTAINED AS DIRECTED BY THE ENGINEER.

LEGEND

- ROADWAY OPEN TO TRAFFIC
- TEMPORARY CONSTRUCTION
- PERMANENT CONSTRUCTION THIS PHASE
- EXISTING OR TEMPORARY ROADWAYS TO BE REMOVED
- ITEM 621.90 TEMPORARY TRAFFIC BARRIER
- TYPE III BARRICADE

NOTES:

1. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES AT ALL TIMES DURING CONSTRUCTION.

2. PINE STREET CONSTRUCTION TO BE COMPLETED UTILIZING SHORT DURATION ALTERNATING ONE-WAY TRAFFIC.

0 80 160
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrcspl_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
CNST. SEQUENCING PHASE 1 SHEET 1 (CSP-1)	SHEET 76 OF 339

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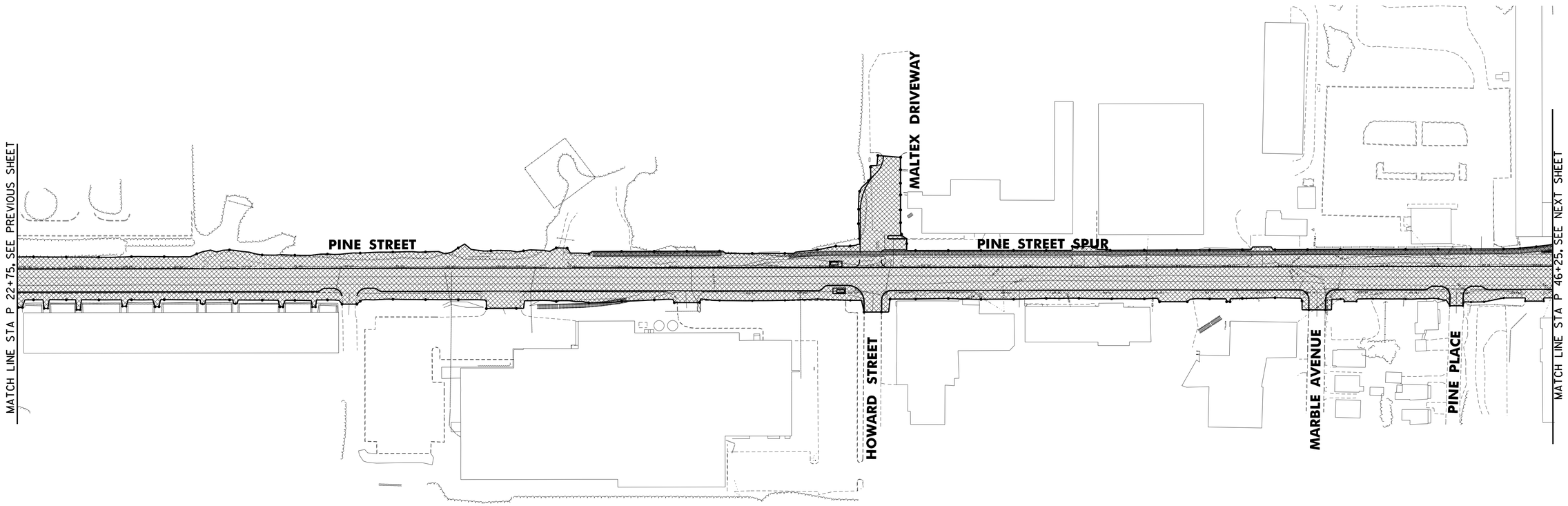

LEGEND

- ROADWAY OPEN TO TRAFFIC
- TEMPORARY CONSTRUCTION
- PERMANENT CONSTRUCTION THIS PHASE
- EXISTING OR TEMPORARY ROADWAYS TO BE REMOVED
- ITEM 621.90 TEMPORARY TRAFFIC BARRIER
- TYPE III BARRICADE

NOTES:

1. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
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0 80 160
SCALE IN FEET

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PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrcspl_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
CNST. SEQUENCING PHASE 1 SHEET 2 (CSP-2)	SHEET 77 OF 339

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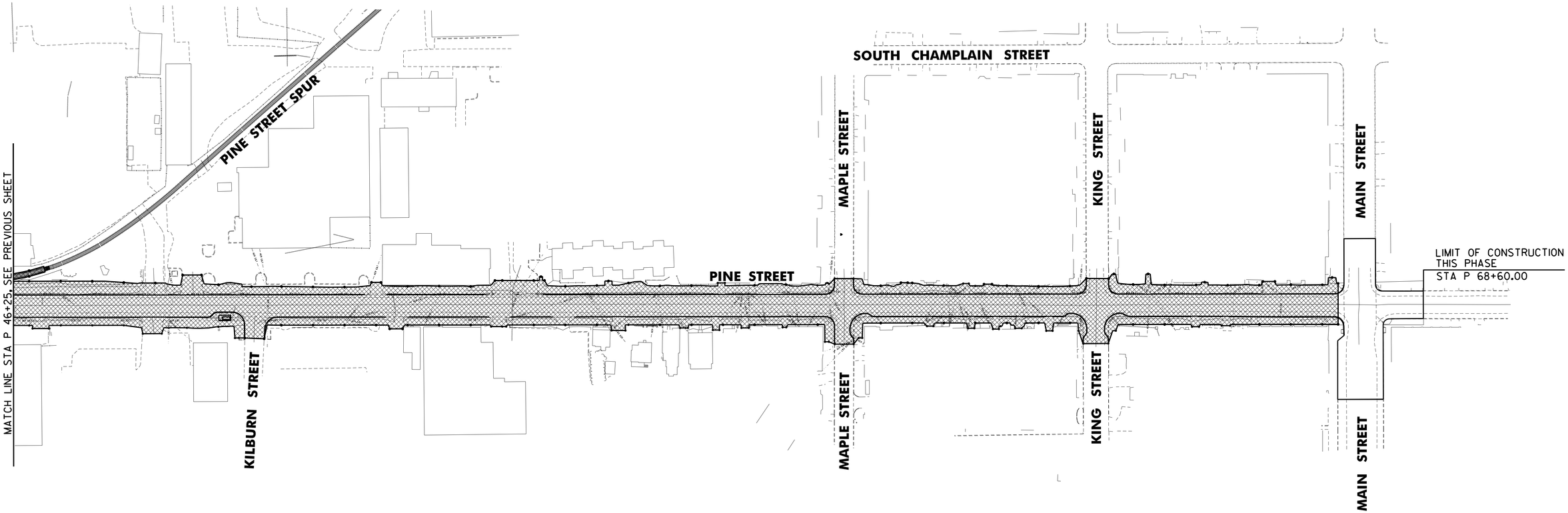

LEGEND

- ROADWAY OPEN TO TRAFFIC
- TEMPORARY CONSTRUCTION
- PERMANENT CONSTRUCTION THIS PHASE
- EXISTING OR TEMPORARY ROADWAYS TO BE REMOVED
- ITEM 621.90 TEMPORARY TRAFFIC BARRIER
- TYPE III BARRICADE

NOTES:

1. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
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SCALE IN FEET

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PROJECT NAME: CHAMPLAIN PARKWAY	
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FILE NAME: z87d078bdrcspl_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
CNST. SEQUENCING PHASE I SHEET 3 (CSP-3)	SHEET 78 OF 339

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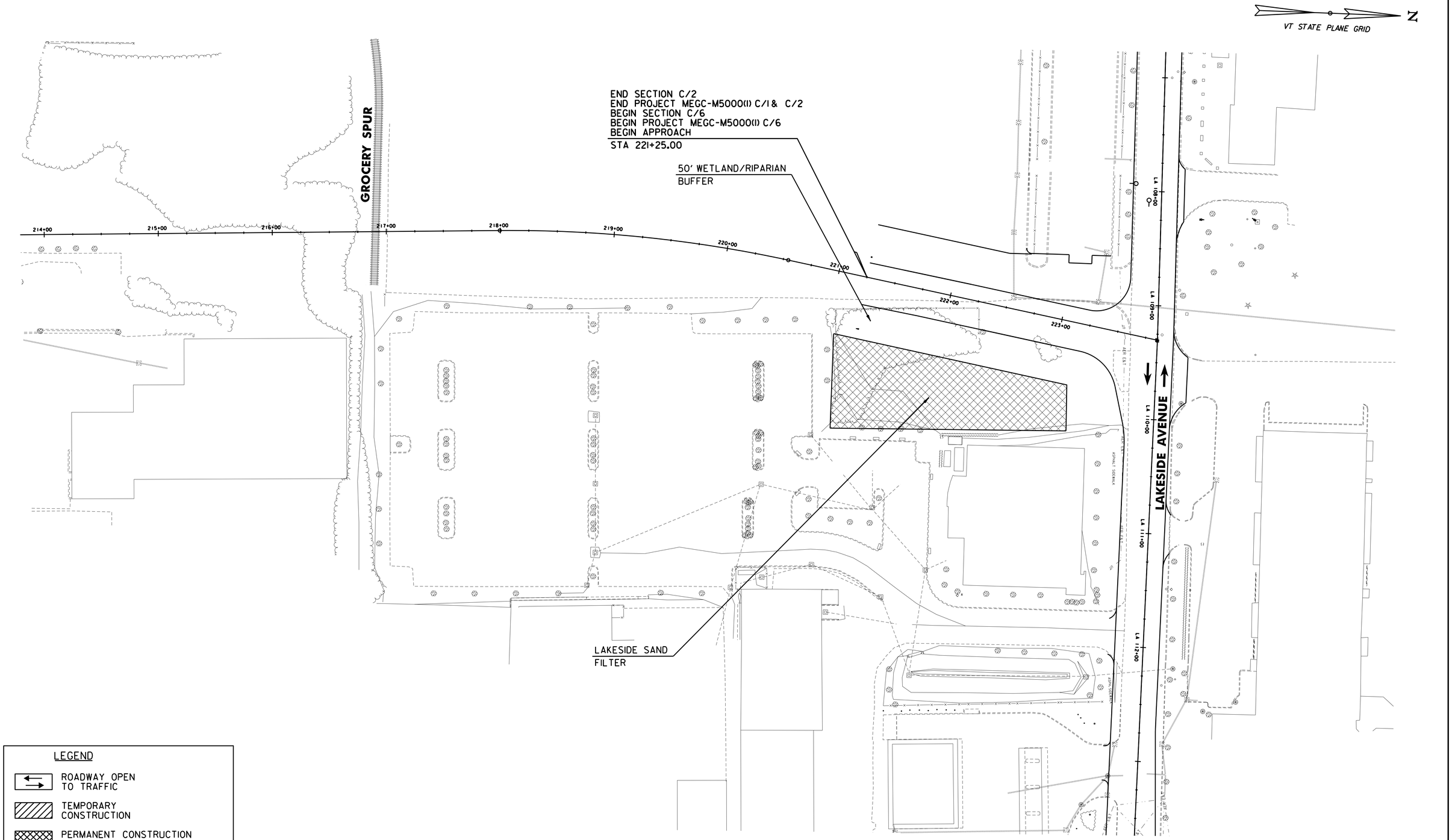
USER =4916



LEGEND

- ROADWAY OPEN TO TRAFFIC
- TEMPORARY CONSTRUCTION
- PERMANENT CONSTRUCTION THIS PHASE
- EXISTING OR TEMPORARY ROADWAYS TO BE REMOVED
- ITEM 621.90 TEMPORARY TRAFFIC BARRIER
- TYPE III BARRICADE

0 40 80
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrcsp2_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
CNST. SEQUENCING PHASE 2 SHEET (CSP-4)	SHEET 79 OF 339

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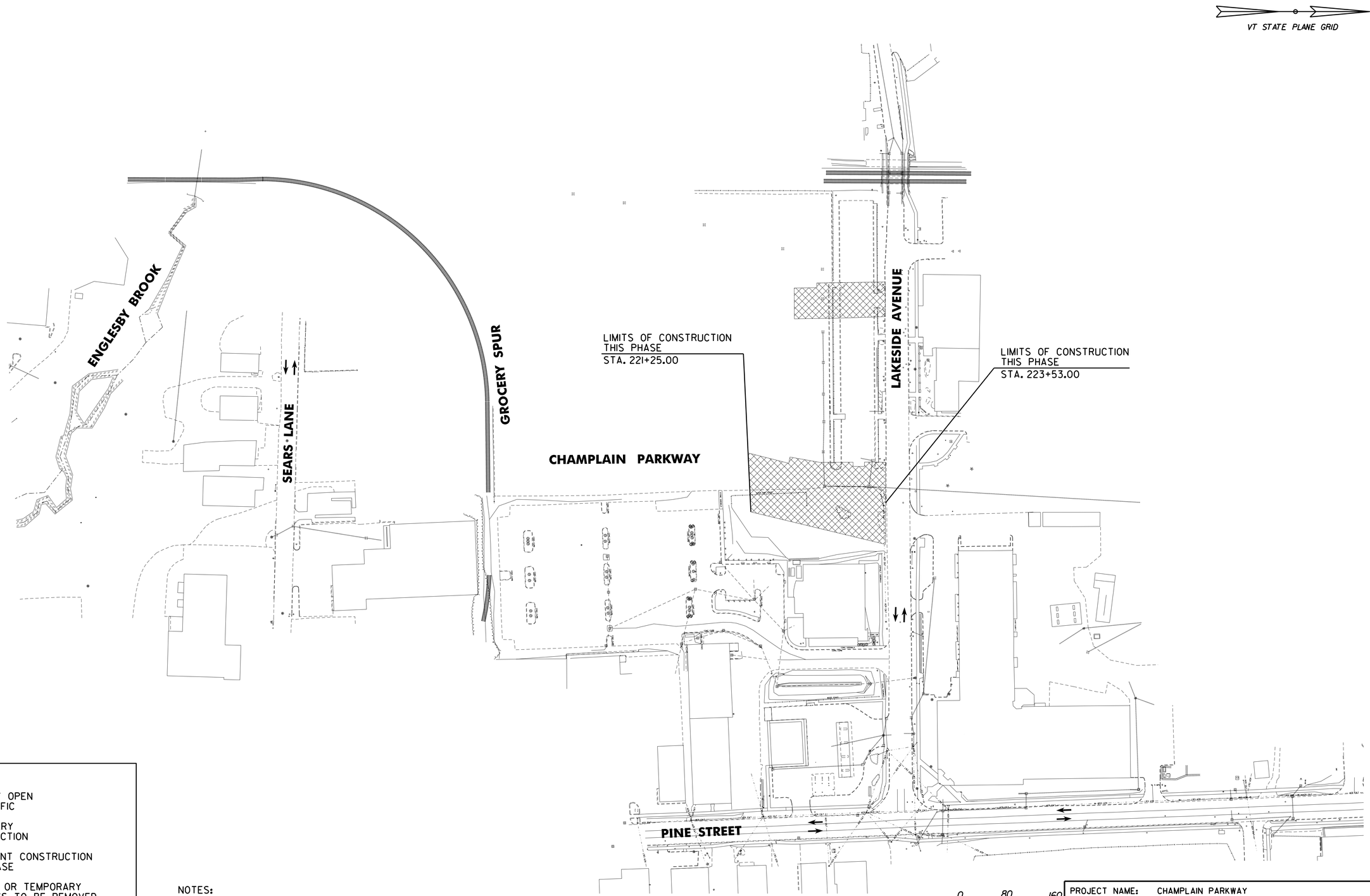

LEGEND

- ROADWAY OPEN TO TRAFFIC
- TEMPORARY CONSTRUCTION
- PERMANENT CONSTRUCTION THIS PHASE
- EXISTING OR TEMPORARY ROADWAYS TO BE REMOVED
- ITEM 621.90 TEMPORARY TRAFFIC BARRIER
- TYPE III BARRICADE

NOTES:

1. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
2. TEMPORARY TRAFFIC BARRIER SHALL BE INSTALLED AND MAINTAINED AS DIRECTED BY THE ENGINEER.

0 80 160
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrcsp3_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
CNST. SEQUENCING PHASE 3 SHEET (CSP-5)	SHEET 80 OF 339

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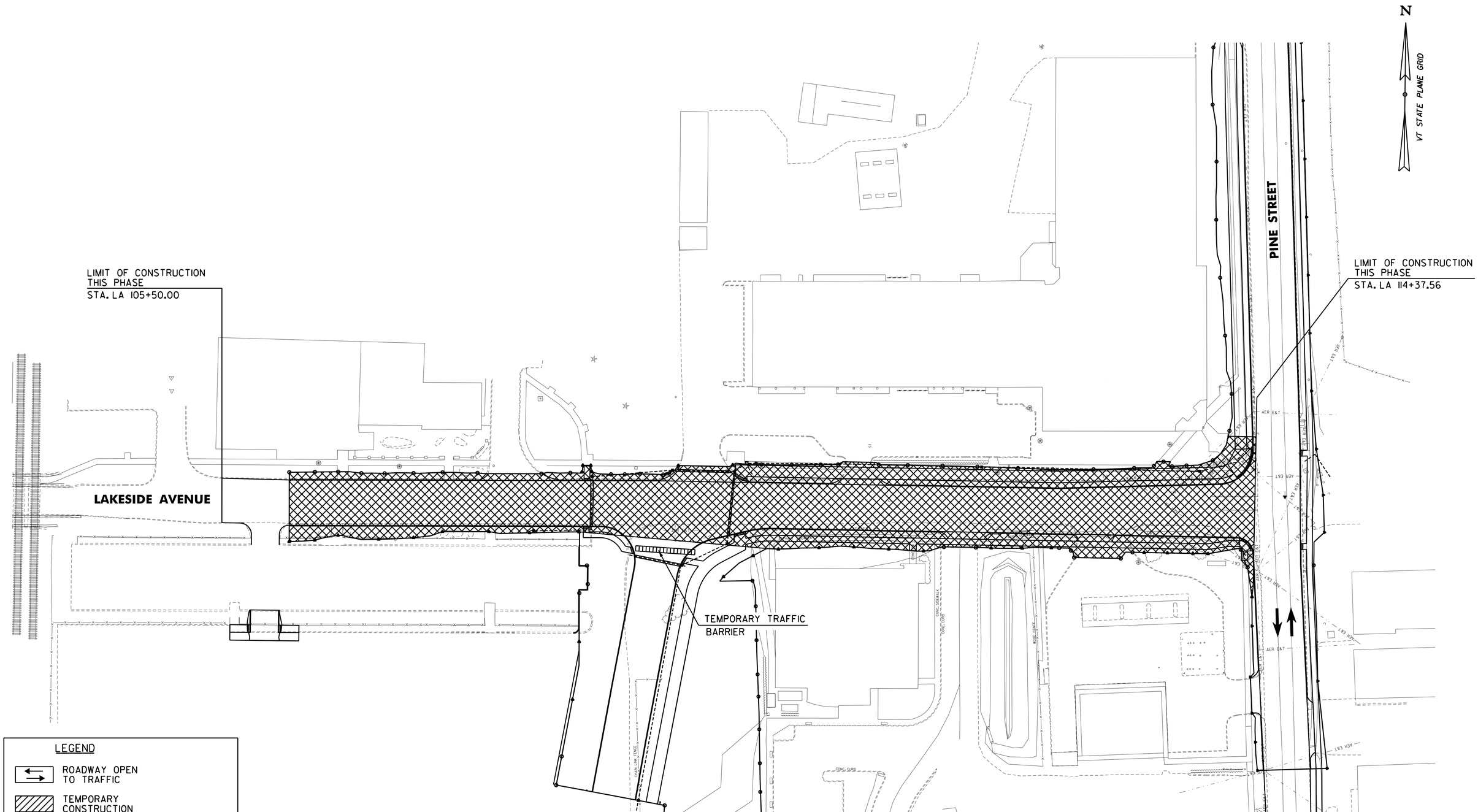
DATE/TIME =2/17/2016
USER =4916



LEGEND

- ROADWAY OPEN TO TRAFFIC
- TEMPORARY CONSTRUCTION
- PERMANENT CONSTRUCTION THIS PHASE
- EXISTING OR TEMPORARY ROADWAYS TO BE REMOVED
- ITEM 621.90 TEMPORARY TRAFFIC BARRIER
- TYPE III BARRICADE

NOTES:

1. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
2. TEMPORARY TRAFFIC BARRIER SHALL BE INSTALLED AND MAINTAINED AS DIRECTED BY THE ENGINEER.

0 40 80
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrcsp4_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
CNST. SEQUENCING PHASE 4 SHEET (CSP-6)	SHEET 81 OF 339

FILE NAME =U:\8659\87D078\Consultants\z87d078bdrcsp4_c6.dgn
DATE/TIME =2/17/2016
USER =4916

GENERAL NOTES, STORM & UTILITY PLANS:

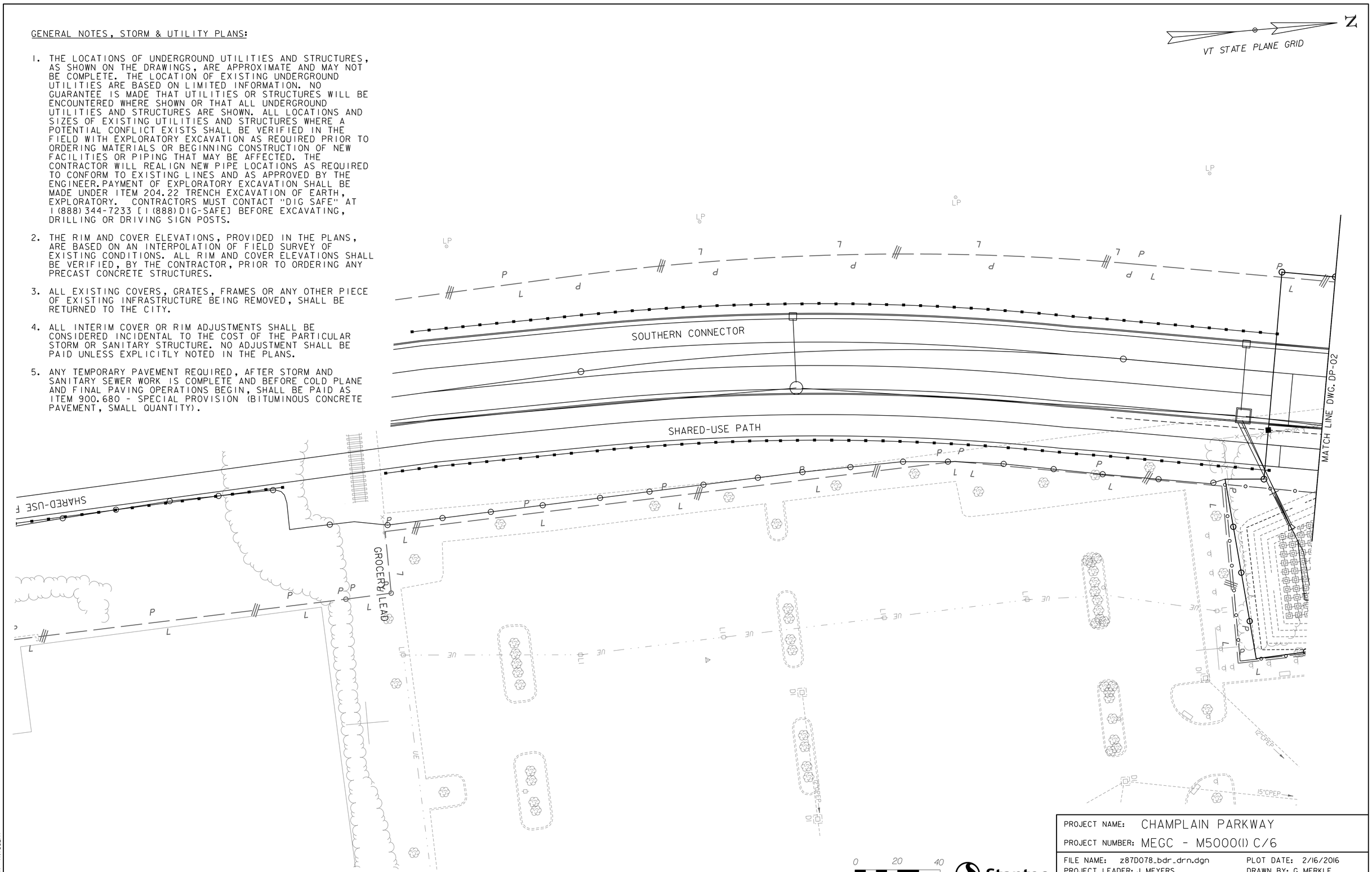
1. THE LOCATIONS OF UNDERGROUND UTILITIES AND STRUCTURES, AS SHOWN ON THE DRAWINGS, ARE APPROXIMATE AND MAY NOT BE COMPLETE. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE BASED ON LIMITED INFORMATION. NO GUARANTEE IS MADE THAT UTILITIES OR STRUCTURES WILL BE ENCOUNTERED WHERE SHOWN OR THAT ALL UNDERGROUND UTILITIES AND STRUCTURES ARE SHOWN. ALL LOCATIONS AND SIZES OF EXISTING UTILITIES AND STRUCTURES WHERE A POTENTIAL CONFLICT EXISTS SHALL BE VERIFIED IN THE FIELD WITH EXPLORATORY EXCAVATION AS REQUIRED PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION OF NEW FACILITIES OR PIPING THAT MAY BE AFFECTED. THE CONTRACTOR WILL REALIGN NEW PIPE LOCATIONS AS REQUIRED TO CONFORM TO EXISTING LINES AND AS APPROVED BY THE ENGINEER. PAYMENT OF EXPLORATORY EXCAVATION SHALL BE MADE UNDER ITEM 204.22 TRENCH EXCAVATION OF EARTH, EXPLORATORY. CONTRACTORS MUST CONTACT "DIG SAFE" AT 1(888)344-7233 [1(888)DIG-SAFE] BEFORE EXCAVATING, DRILLING OR DRIVING SIGN POSTS.

2. THE RIM AND COVER ELEVATIONS, PROVIDED IN THE PLANS, ARE BASED ON AN INTERPOLATION OF FIELD SURVEY OF EXISTING CONDITIONS. ALL RIM AND COVER ELEVATIONS SHALL BE VERIFIED, BY THE CONTRACTOR, PRIOR TO ORDERING ANY PRECAST CONCRETE STRUCTURES.

3. ALL EXISTING COVERS, GRATES, FRAMES OR ANY OTHER PIECE OF EXISTING INFRASTRUCTURE BEING REMOVED, SHALL BE RETURNED TO THE CITY.

4. ALL INTERIM COVER OR RIM ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PARTICULAR STORM OR SANITARY STRUCTURE. NO ADJUSTMENT SHALL BE PAID UNLESS EXPLICITLY NOTED IN THE PLANS.

5. ANY TEMPORARY PAVEMENT REQUIRED, AFTER STORM AND SANITARY SEWER WORK IS COMPLETE AND BEFORE COLD PLANE AND FINAL PAVING OPERATIONS BEGIN, SHALL BE PAID AS ITEM 900.680 - SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY).



Stantec

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87D078_bdr_drn.dgn	PLOT DATE: 2/16/2016
PROJECT LEADER: J. MEYERS	DRAWN BY: G. MERKLE
DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
DP-01	SHEET 84 OF 339

FILE NAME = V:\1951\active\195110058\Facilities CG\Design\z87D078_bdr_drn.dgn
DATE/TIME = 2/16/2016
USER = $NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. LA 112+84 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. LA 109+85 LT
STA. LA 111+25 LT
STA. LA 112+18 LT

629.20 ADJUST ELEVATION OF GATE VALVE

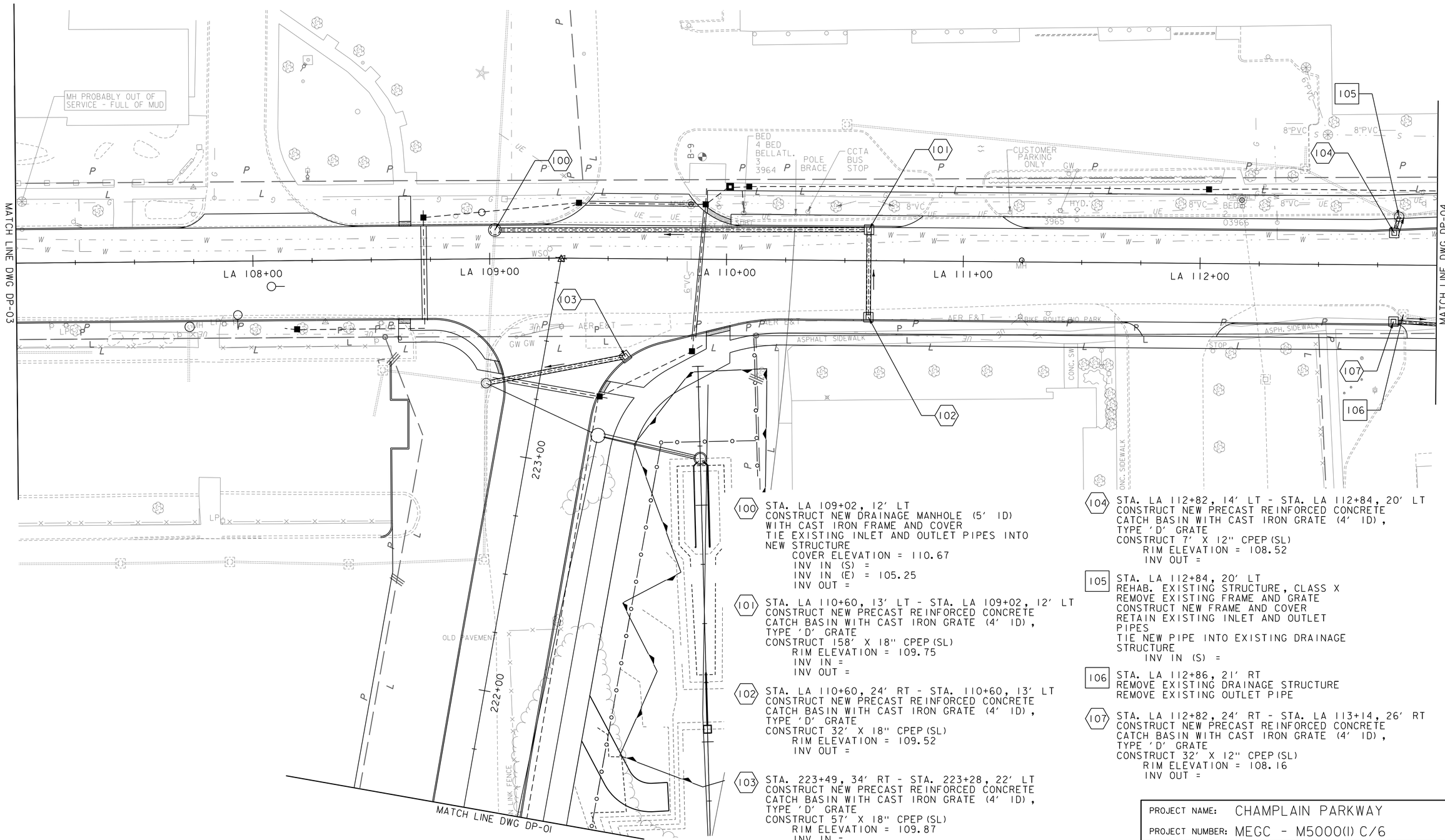
STA. LA 107+03 LT
STA. LA 109+25 LT
STA. LA 111+48 LT

629.29 RELOCATE HYDRANT

STA. LA 111+48 LT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF WATER SHUT OFF)

STA. LA 112+27 LT



100 STA. LA 109+02, 12' LT
CONSTRUCT NEW DRAINAGE MANHOLE (5' ID)
WITH CAST IRON FRAME AND COVER
TIE EXISTING INLET AND OUTLET PIPES INTO
NEW STRUCTURE
COVER ELEVATION = 110.67
INV IN (S) =
INV IN (E) = 105.25
INV OUT =

101 STA. LA 110+60, 13' LT - STA. LA 109+02, 12' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE
CATCH BASIN WITH CAST IRON GRATE (4' ID),
TYPE 'D' GRATE
CONSTRUCT 158' X 18" CPEP(SL)
RIM ELEVATION = 109.75
INV IN =
INV OUT =

102 STA. LA 110+60, 24' RT - STA. 110+60, 13' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE
CATCH BASIN WITH CAST IRON GRATE (4' ID),
TYPE 'D' GRATE
CONSTRUCT 32' X 18" CPEP(SL)
RIM ELEVATION = 109.52
INV OUT =

103 STA. 223+49, 34' RT - STA. 223+28, 22' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE
CATCH BASIN WITH CAST IRON GRATE (4' ID),
TYPE 'D' GRATE
CONSTRUCT 57' X 18" CPEP(SL)
RIM ELEVATION = 109.87
INV IN =
INV OUT =

104 STA. LA 112+82, 14' LT - STA. LA 112+84, 20' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE
CATCH BASIN WITH CAST IRON GRATE (4' ID),
TYPE 'D' GRATE
CONSTRUCT 7' X 12" CPEP(SL)
RIM ELEVATION = 108.52
INV OUT =

105 STA. LA 112+84, 20' LT
REHAB. EXISTING STRUCTURE, CLASS X
REMOVE EXISTING FRAME AND GRATE
CONSTRUCT NEW FRAME AND COVER
RETAIN EXISTING INLET AND OUTLET
PIPES
TIE NEW PIPE INTO EXISTING DRAINAGE
STRUCTURE
INV IN (S) =

106 STA. LA 112+86, 21' RT
REMOVE EXISTING DRAINAGE STRUCTURE
REMOVE EXISTING OUTLET PIPE

107 STA. LA 112+82, 24' RT - STA. LA 113+14, 26' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE
CATCH BASIN WITH CAST IRON GRATE (4' ID),
TYPE 'D' GRATE
CONSTRUCT 32' X 12" CPEP(SL)
RIM ELEVATION = 108.16
INV OUT =

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87D078_bdr_drn.dgn	PLOT DATE: 2/16/2016
PROJECT LEADER: J. MEYERS	DRAWN BY: G. MERKLE
DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
DP-02	SHEET 85 OF 339

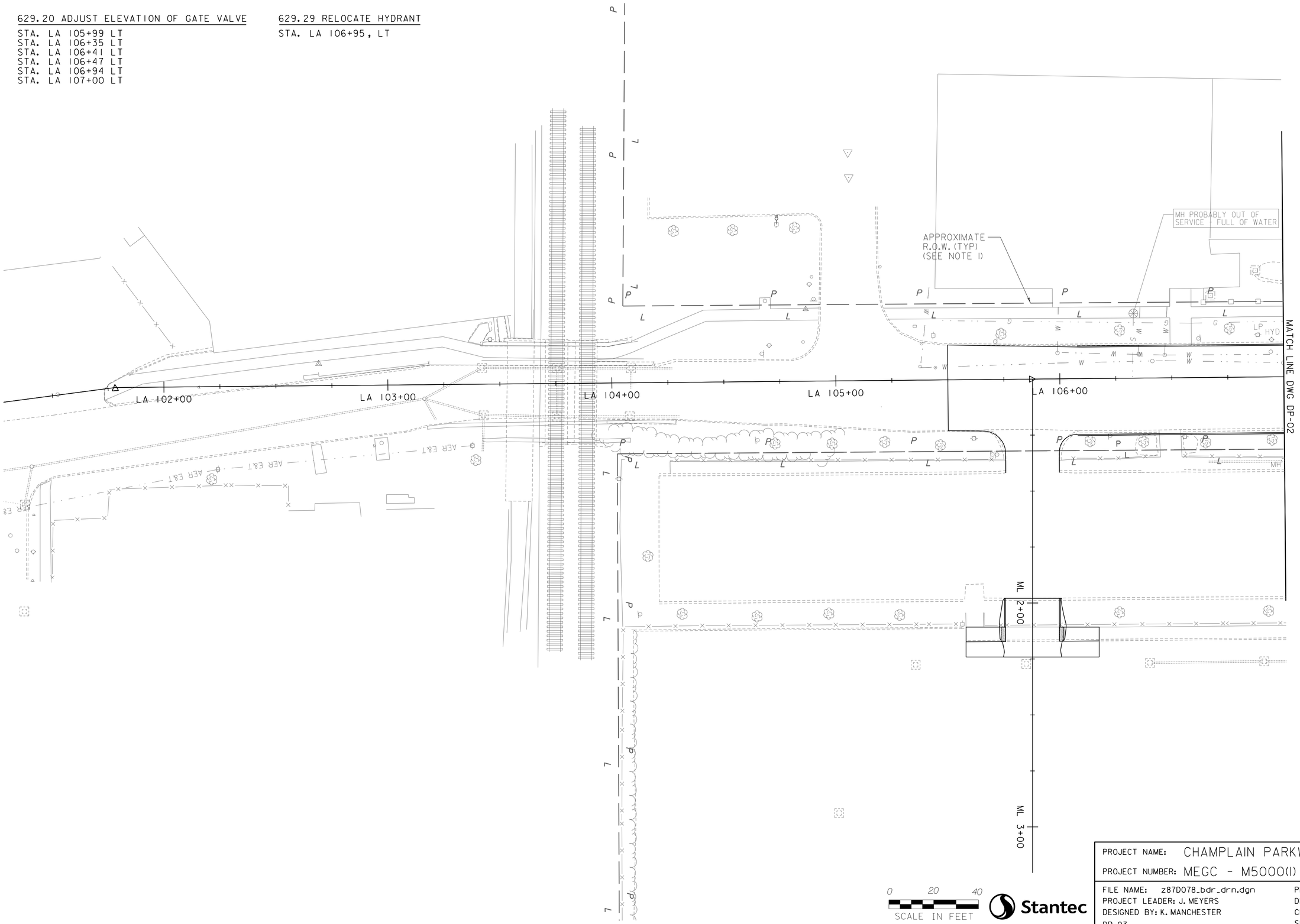
FILE NAME =V:\1951\active\195110058\Facilities CE\Design\z87D078_bdr_drn.dgn
DATE/TIME =2/16/2016
USER =$NTUSER$

629.20 ADJUST ELEVATION OF GATE VALVE

STA. LA 105+99 LT
STA. LA 106+35 LT
STA. LA 106+41 LT
STA. LA 106+47 LT
STA. LA 106+94 LT
STA. LA 107+00 LT

629.29 RELOCATE HYDRANT

STA. LA 106+95, LT



Stantec

PROJECT NAME: CHAMPLAIN PARKWAY

PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87D078_bdr_drn.dgn
PROJECT LEADER: J. MEYERS
DESIGNED BY: K. MANCHESTER
DP-03

PLOT DATE: 2/16/2016
DRAWN BY: G. MERKLE
CHECKED BY: G. SANTY
SHEET 86 OF 339

FILE NAME =H:\195\active\195100058\Facilities CG\Design\z87D078_bdr_drn.dgn
DATE/TIME =2/16/2016
USER =$NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. P 12+82 RT
STA. P 14+85 RT
STA. P 15+15 LT
STA. LA 113+14 RT

629.29 RELOCATE HYDRANT

STA. P 14+96 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF TELEPHONE MANHOLE)

STA. P 15+54 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

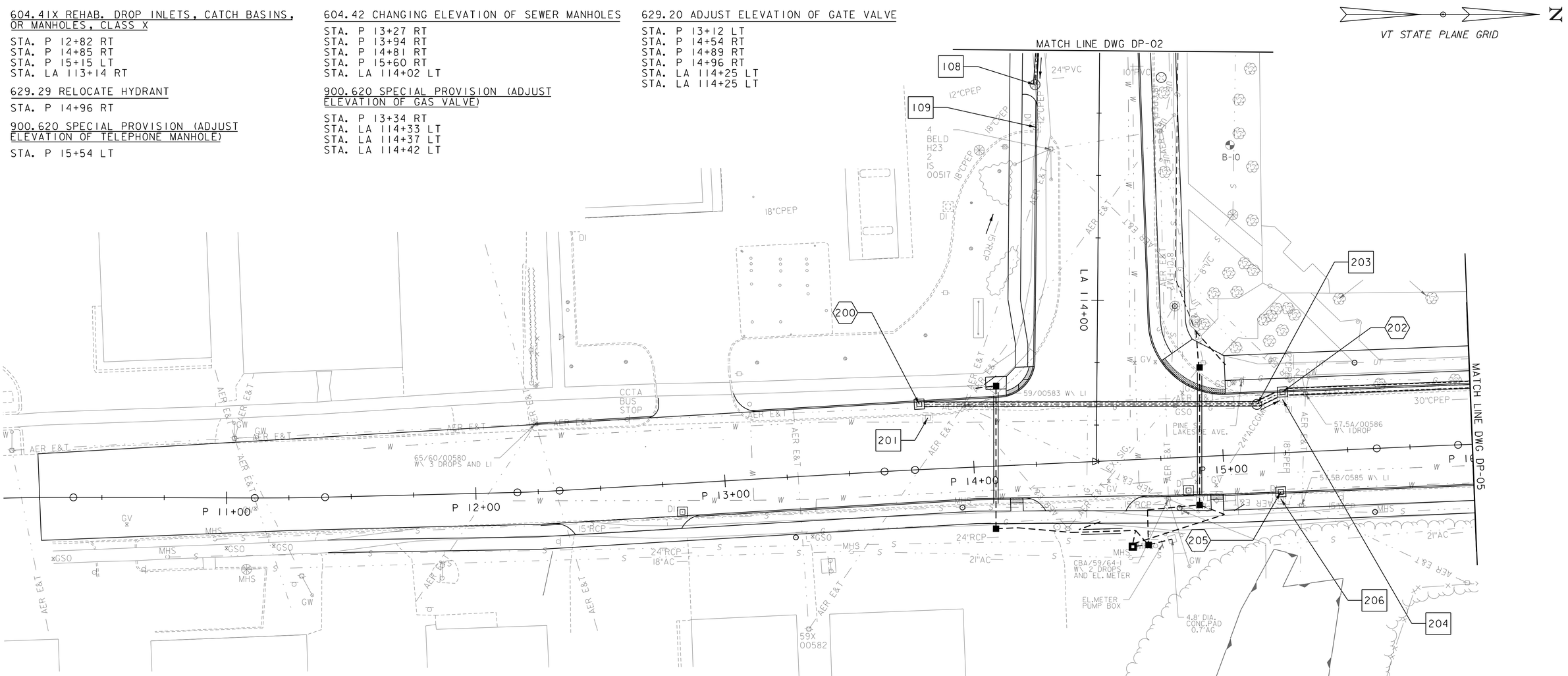
STA. P 13+27 RT
STA. P 13+94 RT
STA. P 14+81 RT
STA. P 15+60 RT
STA. LA 114+02 LT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF GAS VALVE)

STA. P 13+34 RT
STA. LA 114+33 LT
STA. LA 114+37 LT
STA. LA 114+42 LT

629.20 ADJUST ELEVATION OF GATE VALVE

STA. P 13+12 LT
STA. P 14+54 RT
STA. P 14+89 RT
STA. P 14+96 RT
STA. LA 114+25 LT
STA. LA 114+25 LT



108 STA. LA 113+14, 26' RT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPES INTO EXISTING STRUCTURE

109 STA. LA 113+31, 25' RT
REMOVE EXISTING DRAINAGE STRUCTURE
REMOVE EXISTING OUTLET PIPE

200 STA. P 13+79, 27' LT - STA. P 15+15, 20' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4' ID), TYPE 'D' GRATE
CONSTRUCT 136' X 15" CPEP(SL)
RIM ELEVATION = 110.33
INV OUT =

201 STA. LA 113+83, 15' RT
REMOVE EXISTING DRAINAGE STRUCTURE
REMOVE EXISTING OUTLET PIPE

202 STA. P 15+25, 24' LT - STA. P 16+64, 24' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (6' ID), TYPE 'D' GRATE
CONSTRUCT 139' X 30" CPEP(SL)
TIE EXISTING INLET PIPES INTO NEW STRUCTURE
RIM ELEVATION = 110.65
INV IN (S) =
INV OUT =

203 STA. P 15+15, 20' LT - STA. P 15+25, 24' LT
REHAB. EXISTING STRUCTURE, CLASS X
REMOVE EXISTING OUTLET PIPE
CONSTRUCT 11' X 24" CPEP(SL)
INV OUT =

204 STA. P 15+25, 14' LT
REMOVE EXISTING DRAINAGE STRUCTURE
REMOVE EXISTING OUTLET PIPE

205 STA. P 15+22, 16' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4' ID), TYPE 'D' GRATE
TIE EXISTING PIPE INTO NEW STRUCTURE
RIM ELEVATION = 109.96

206 STA. P 15+22, 25' RT
REMOVE EXISTING DRAINAGE STRUCTURE
TIE EXISTING INLET AND OUTLET PIPES INTO NEW STRUCTURE

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87D078_bdr_drn.dgn
PROJECT LEADER: J. MEYERS
DESIGNED BY: K. MANCHESTER
DP-04

PLOT DATE: 2/16/2016
DRAWN BY: G. MERKLE
CHECKED BY: G. SANTY
SHEET 87 OF 339

FILE NAME =V:\195I\active\195I00058\Facilities CE\Design\z87D078_bdr_drn.dgn
DATE/TIME =2/16/2016
USER =$NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. P 17+60 RT
STA. P 18+52 LT
STA. P 20+06 RT
STA. P 20+13 LT
STA. P 21+08 RT
STA. P 21+23 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. P 17+57 RT
STA. P 17+64 RT
STA. P 18+63 RT
STA. P 20+11 RT
STA. P 20+30 RT
STA. P 20+46 RT
STA. P 20+96 LT
STA. P 21+04 RT
STA. P 21+48 RT

629.20 ADJUST ELEVATION OF GATE VALVE

STA. P 18+95 RT
STA. P 19+78 RT
STA. P 20+18 RT
STA. P 20+30 RT
STA. P 20+37 RT
STA. P 20+68 RT

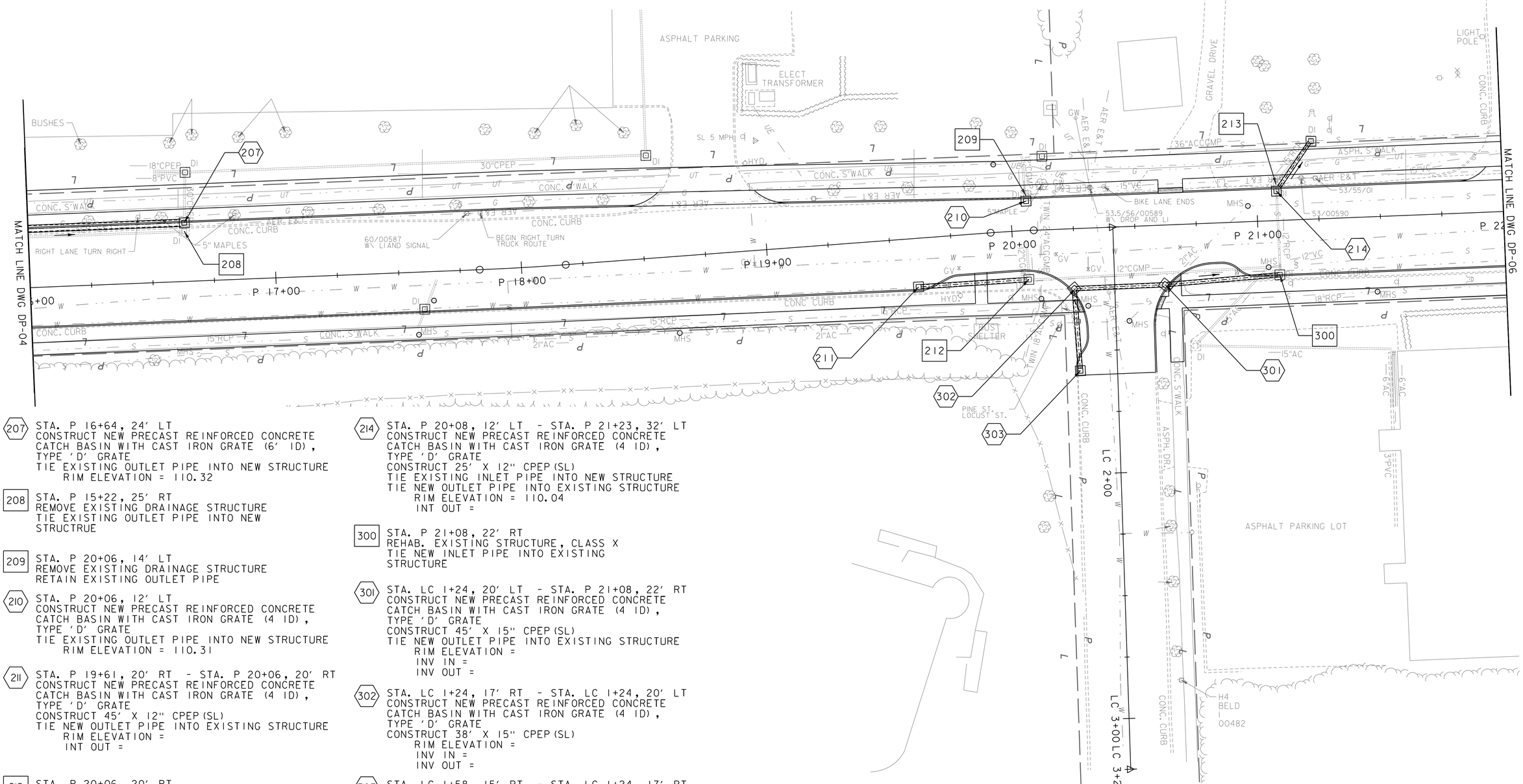
629.29 RELOCATE HYDRANT

STA. P 19+78 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF TELEPHONE MANHOLE)

STA. P 19+93 LT

VT STATE PLANE GRID



207 STA. P 16+64, 24' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (6' ID), TYPE 'D' GRATE
TIE EXISTING OUTLET PIPE INTO NEW STRUCTURE
RIM ELEVATION = 110.32

208 STA. P 15+22, 25' RT
REMOVE EXISTING DRAINAGE STRUCTURE
TIE EXISTING OUTLET PIPE INTO NEW STRUCTRUE

209 STA. P 20+06, 14' LT
REMOVE EXISTING DRAINAGE STRUCTURE
RETAIN EXISTING OUTLET PIPE

210 STA. P 20+06, 12' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
TIE EXISTING OUTLET PIPE INTO NEW STRUCTURE
RIM ELEVATION = 110.31

211 STA. P 19+61, 20' RT - STA. P 20+06, 20' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 45' X 12" CPEP(SL)
TIE NEW OUTLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION =
INT OUT =

212 STA. P 20+06, 20' RT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE

213 STA. P 20+08, 15' LT
REMOVE EXISTING DRAINAGE STRUCTURE
REMOVE EXISTING OUTLET PIPE
RETAIN EXISTING INLET PIPE

214 STA. P 20+08, 12' LT - STA. P 21+23, 32' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 25' X 12" CPEP(SL)
TIE EXISTING INLET PIPE INTO NEW STRUCTURE
TIE NEW OUTLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION = 110.04
INT OUT =

300 STA. P 21+08, 22' RT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE

301 STA. LC 1+24, 20' LT - STA. P 21+08, 22' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 45' X 15" CPEP(SL)
TIE NEW OUTLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION =
INV IN =
INV OUT =

302 STA. LC 1+24, 17' RT - STA. LC 1+24, 20' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 38' X 15" CPEP(SL)
RIM ELEVATION =
INV IN =
INV OUT =

303 STA. LC 1+58, 15' RT - STA. LC 1+24, 17' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 32' X 12" CPEP(SL)
RIM ELEVATION =
INV IN =
INV OUT =

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87D078_bdr_drn.dgn
PROJECT LEADER: J. MEYERS
DESIGNED BY: K. MANCHESTER
DP-05

PLOT DATE: 2/16/2016
DRAWN BY: G. MERKLE
CHECKED BY: G. SANTY
SHEET 88 OF 339

FILE NAME =V:\195\active\195100058\Facilities CG\Design\z87D078_bdr_drn.dgn
DATE/TIME =2/16/2016
USER =$NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. P 22+59 LT
STA. P 22+64 RT
STA. P 22+45 RT
STA. P 24+47 LT
STA. P 27+57 RT
STA. P 27+70 LT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF WATER SHUT OFF)

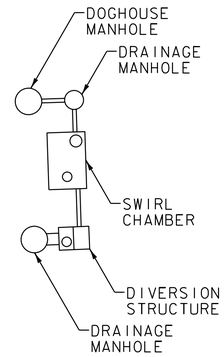
STA. P 24+60 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. P 22+63 LT
STA. P 23+76 LT
STA. P 24+23 RT
STA. P 24+42 LT
STA. P 24+47 LT
STA. P 24+49 RT
STA. P 24+49 RT
STA. P 26+88 LT
STA. P 27+02 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF GAS VALVE)

STA. P 24+02 LT
STA. P 25+41 LT
STA. P 26+57 LT
STA. P 26+57 LT
STA. P 28+00 LT



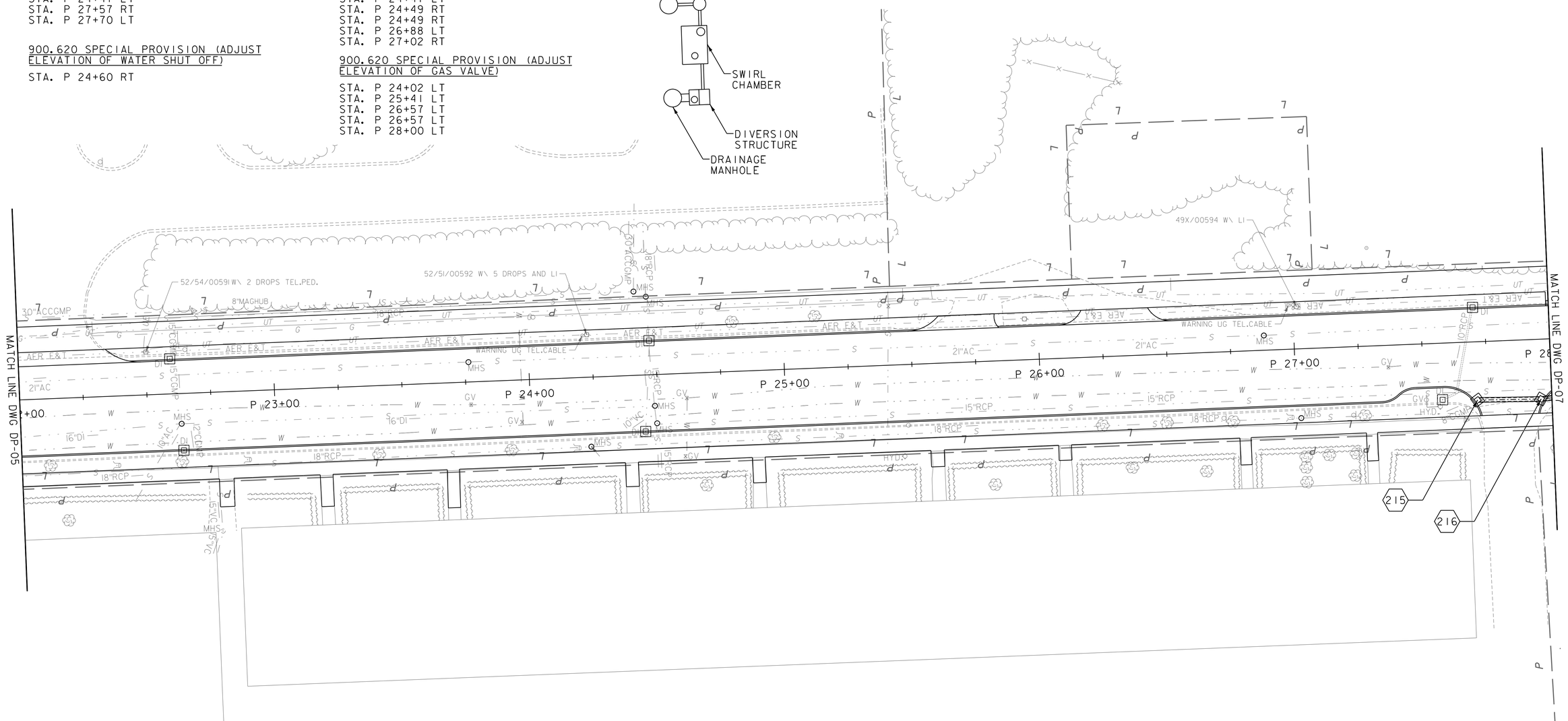
629.20 ADJUST ELEVATION OF GATE VALVE

STA. P 23+96 RT
STA. P 24+61 RT
STA. P 27+36 RT
STA. P 27+51 RT

629.29 RELOCATE HYDRANT

STA. P 27+56 RT

VT STATE PLANE GRID



215 STA. P 27+71, 23' RT - STA. P 27+96, 23' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE
CATCH BASIN WITH CAST IRON GRATE (4 ID),
TYPE 'D' GRATE
CONSTRUCT 23' X 15" CPEP(SL)
RIM ELEVATION =
INV OUT =

216 STA. STA. P 27+96, 23' RT - STA. P 28+35, 27' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE
CATCH BASIN WITH CAST IRON GRATE (4 ID),
TYPE 'D' GRATE
CONSTRUCT 37' X 15" CPEP(SL)
RIM ELEVATION =
INV IN =
INV OUT =

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87D078_bdr_drn.dgn	PLOT DATE: 2/16/2016
PROJECT LEADER: J. MEYERS	DRAWN BY: G. MERKLE
DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
DP-06	SHEET 89 OF 339

FILE NAME =Y:\195\active\195100058\Facilities GG\Design\z870078_bdr_drn.dgn
DATE/TIME =2/16/2016
USER =$NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. P 30+61 RT
STA. P 30+68 LT
STA. P 31+82 RT
STA. P 33+07 LT
STA. P 33+07 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF WATER SHUT OFF)

STA. P 32+26 RT
STA. P 33+60 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. P 29+29 LT
STA. P 30+02 RT
STA. P 31+56 LT
STA. P 31+85 RT
STA. P 32+51 LT
STA. P 33+04 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF GAS VALVE)

STA. P 33+65 LT

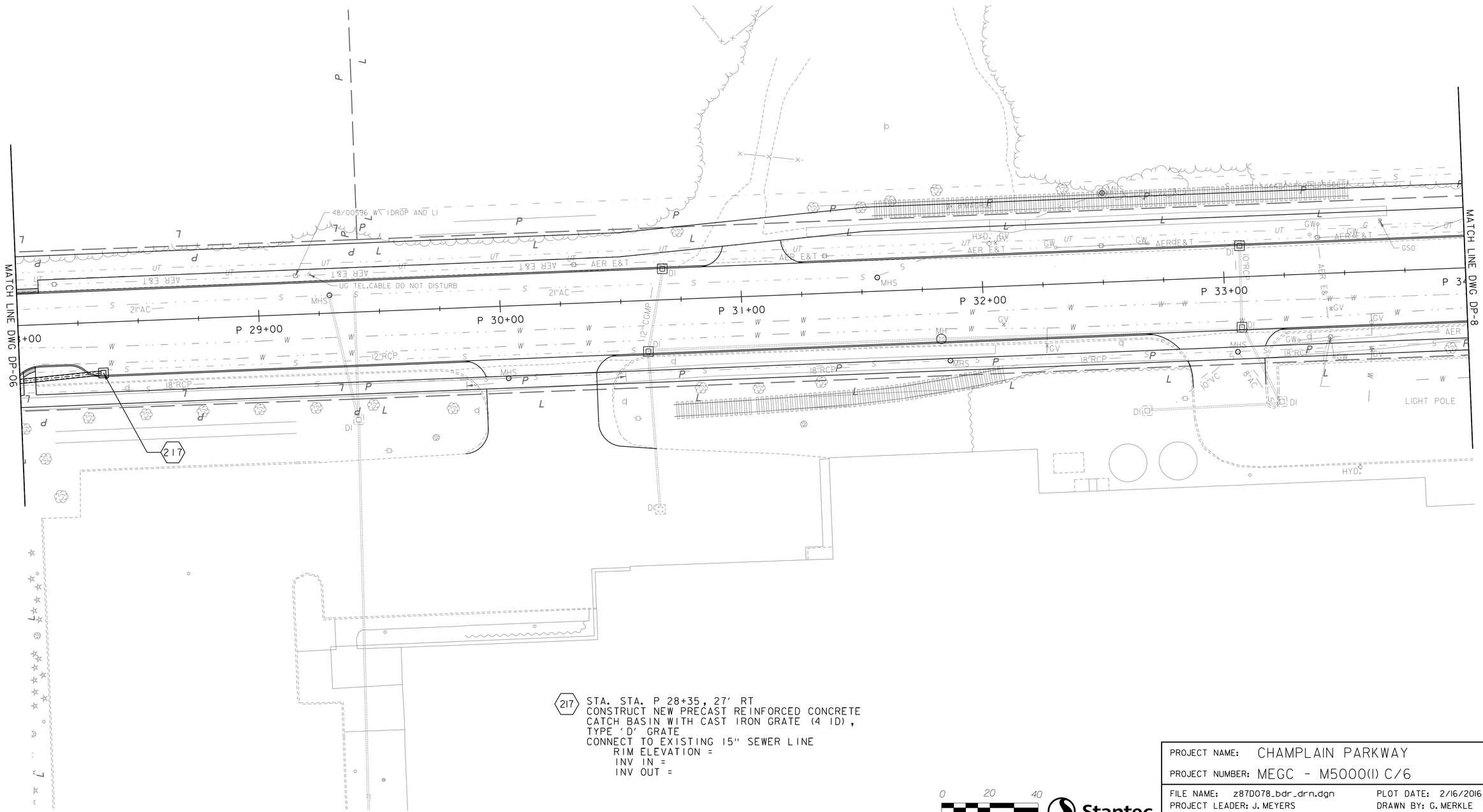
629.20 ADJUST ELEVATION OF GATE VALVE

STA. P 32+06 LT
STA. P 32+08 RT
STA. P 33+44 RT
STA. P 33+60 RT

629.29 RELOCATE HYDRANT

STA. P 32+03 LT

VT STATE PLANE GRID



217 STA. STA. P 28+35, 27' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE
CATCH BASIN WITH CAST IRON GRATE (4 ID),
TYPE 'D' GRATE
CONNECT TO EXISTING 15" SEWER LINE
RIM ELEVATION =
INV IN =
INV OUT =

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87D078_bdr_drn.dgn	PLOT DATE: 2/16/2016
PROJECT LEADER: J. MEYERS	DRAWN BY: G. MERKLE
DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
DP-07	SHEET 90 OF 339

FILE NAME =V:\195I\active\195I00058\Facilities CE\Design\z87D078_bdr_drn.dgn
DATE/TIME =2/16/2016
USER =$NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. P 34+93 LT
STA. P 35+57 RT
STA. P 35+94 LT
STA. P 36+20 RT
STA. P 39+15 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF WATER SHUT OFF)

STA. P 36+11 RT
STA. P 38+22 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. P 35+41 LT
STA. P 36+01 LT
STA. P 36+03 RT
STA. P 37+75 LT
STA. P 38+52 RT

629.20 ADJUST ELEVATION OF GATE VALVE

STA. P 34+25 RT
STA. P 34+87 RT
STA. P 35+60 RT
STA. P 36+10 RT
STA. P 36+21 RT
STA. P 36+64 LT
STA. P 37+19 LT
STA. P 37+20 LT
STA. P 37+60 LT
STA. P 37+69 RT
STA. P 37+70 LT
STA. P 37+71 LT
STA. P 37+72 LT
STA. P 37+79 LT

629.29 RELOCATE HYDRANT

STA. P 34+94 LT
STA. P 36+12 RT
STA. P 38+10 LT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF GAS VALVE)

STA. P 36+02 LT
STA. P 36+02 RT
STA. P 36+34 LT
STA. P 36+71 LT
STA. P 38+16 RT
STA. P 38+22 RT

VT STATE PLANE GRID

N

218 STA. P 34+73, 34' RT
REMOVE EXISTING DRAINAGE STRUCTURE
RETAIN EXISTING INLET AND OUTLET PIPES

219 STA. P 34+74, 38' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
TIE EXISTING INLET AND OUTLET PIPES INTO NEW STRUCTURE
RIM ELEVATION = 112.02

220 STA. P 35+00, 12' LT - STA. P 34+93, 26' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 14' X 12" CPEP(SL)
RIM ELEVATION =
INV. OUT =

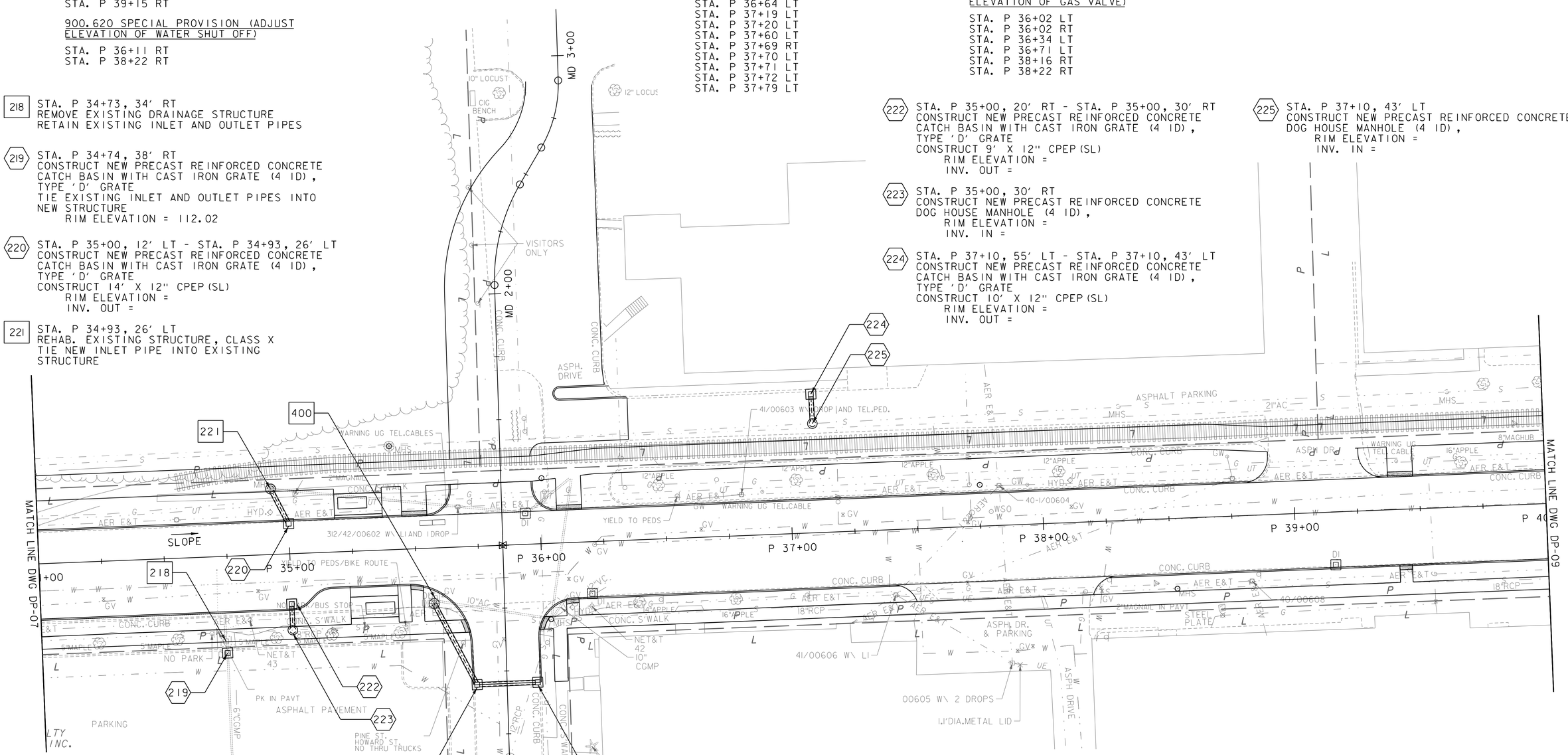
221 STA. P 34+93, 26' LT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE

222 STA. P 35+00, 20' RT - STA. P 35+00, 30' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 9' X 12" CPEP(SL)
RIM ELEVATION =
INV. OUT =

223 STA. P 35+00, 30' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE DOG HOUSE MANHOLE (4 ID),
RIM ELEVATION =
INV. IN =

224 STA. P 37+10, 55' LT - STA. P 37+10, 43' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 10' X 12" CPEP(SL)
RIM ELEVATION =
INV. OUT =

225 STA. P 37+10, 43' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE DOG HOUSE MANHOLE (4 ID),
RIM ELEVATION =
INV. IN =



400 STA. P 35+57, 32' RT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION =
INV. IN =

401 STA. HW 1+55, 12' RT - STA. P 35+57, 22' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 30' X 15" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

402 STA. HW 1+55, 12' LT - STA. HW 1+55, 12' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 22' X 15" CPEP(SL)
RIM ELEVATION =
INV. OUT =

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87D078_bdr_drn.dgn	PLOT DATE: 2/16/2016
PROJECT LEADER: J. MEYERS	DRAWN BY: G. MERKLE
DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
DP-08	SHEET 91 OF 339

FILE NAME =W:\195110058\Facilities CS\Design\z87D078_bdr_drn.dgn
DATE/TIME = 2/16/2016
USER =$NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. P 41+40 RT
STA. P 42+33 LT
STA. P 42+37 RT
STA. P 42+96 RT
STA. P 43+06 LT
STA. P 44+64 RT
STA. PN 1+22 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF WATER SHUT OFF)

STA. P 40+39 LT
STA. P 41+53 RT
STA. P 41+53 RT
STA. P 42+24 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. P 40+64 RT
STA. P 42+55 RT
STA. P 42+65 RT
STA. P 42+77 LT
STA. P 42+80 RT
STA. P 43+98 RT
STA. P 44+73 RT
STA. P 44+75 LT
STA. P 44+94 LT

629.20 ADJUST ELEVATION OF GATE VALVE

STA. P 40+22 LT
STA. P 40+78 LT
STA. P 40+82 LT
STA. P 41+41 LT
STA. P 41+51 LT
STA. P 41+56 LT
STA. P 41+73 LT
STA. P 41+75 LT
STA. P 41+76 LT
STA. P 42+23 LT
STA. P 42+44 LT
STA. P 42+63 LT
STA. P 42+69 LT
STA. P 42+70 RT
STA. P 42+86 LT
STA. P 43+87 LT
STA. P 44+22 LT
STA. P 44+70 RT
STA. P 44+74 RT

629.29 RELOCATE HYDRANT

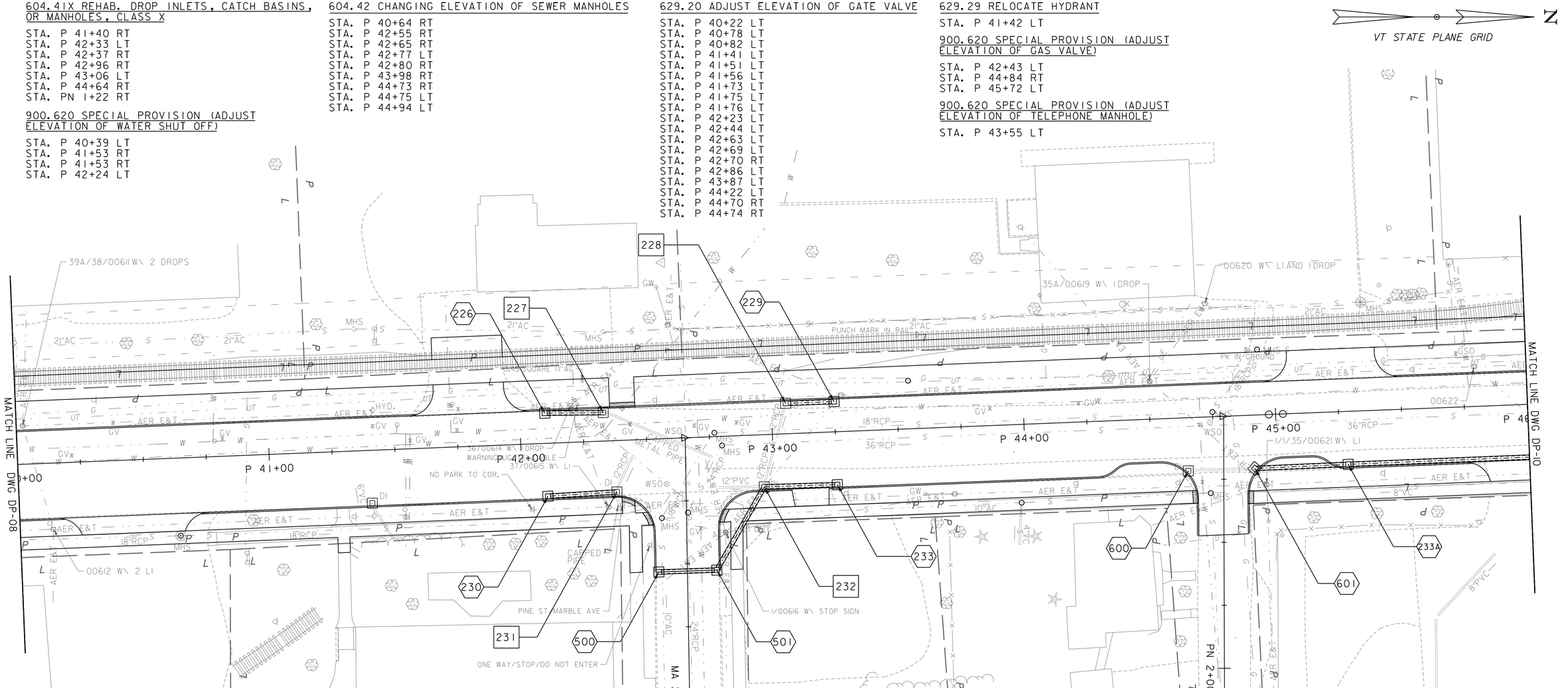
STA. P 41+42 LT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF GAS VALVE)

STA. P 42+43 LT
STA. P 44+84 RT
STA. P 45+72 LT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF TELEPHONE MANHOLE)

STA. P 43+55 LT



226 STA. P 42+10, 12' LT - STA. P 42+33, 11' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 22' X 12" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

227 STA. P 42+33, 11' LT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION =
INV. IN =

228 STA. P 43+06, 11' LT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION =
INV. IN =

229 STA. P 43+25, 12' LT - STA. P 43+06, 12' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 18' X 12" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

230 STA. P 42+10, 21' RT - STA. P 42+37, 20' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 26' X 12" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

231 STA. P 42+37, 11' RT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION =
INV. IN =

232 STA. P 42+96, 11' RT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION =
INV. IN =

233 STA. P 43+25, 21' RT - STA. P 42+96, 21' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 28' X 12" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

500 STA. MA 1+53, 11' RT - STA. MA 1+53, 11' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 21' X 15" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

501 STA. MA 1+53, 11' LT - STA. P 42+96, 11' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 36' X 15" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

600 STA. PN 1+22, 14' RT
REHAB. EXISTING STRUCTURE, CLASS X
RIM ELEVATION =
INV. IN =

601 STA. PN 1+21, 12' LT - STA. P 45+28, 21' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 35' X 18" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

233A STA. P 45+28, 21' RT - STA. P 46+21, 21' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 91' X 18" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87D078_bdr_drn.dgn	PLOT DATE: 2/16/2016
PROJECT LEADER: J. MEYERS	DRAWN BY: G. MERKLE
DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
DP-09	SHEET 92 OF 339

FILE NAME =\\195\active\195100058\Facilities GG\Design\z87D078_bdr_drn.dgn
DATE/TIME = 2/16/2016
USER = $NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. P 46+21 RT
STA. P 46+71 LT
STA. P 49+12 LT
STA. P 49+72 RT
STA. P 49+94 LT
STA. P 50+24 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF WATER SHUT OFF)

STA. P 46+36 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. P 46+17 RT
STA. P 46+52 RT
STA. P 46+87 LT
STA. P 49+57 LT
STA. P 49+77 RT
STA. P 50+32 RT
STA. P 50+33 LT
STA. P 51+06 LT

629.20 ADJUST ELEVATION OF GATE VALVE

STA. P 48+21 LT
STA. P 49+03 LT
STA. P 49+74 LT
STA. P 50+13 RT
STA. P 50+39 LT
STA. P 50+99 LT

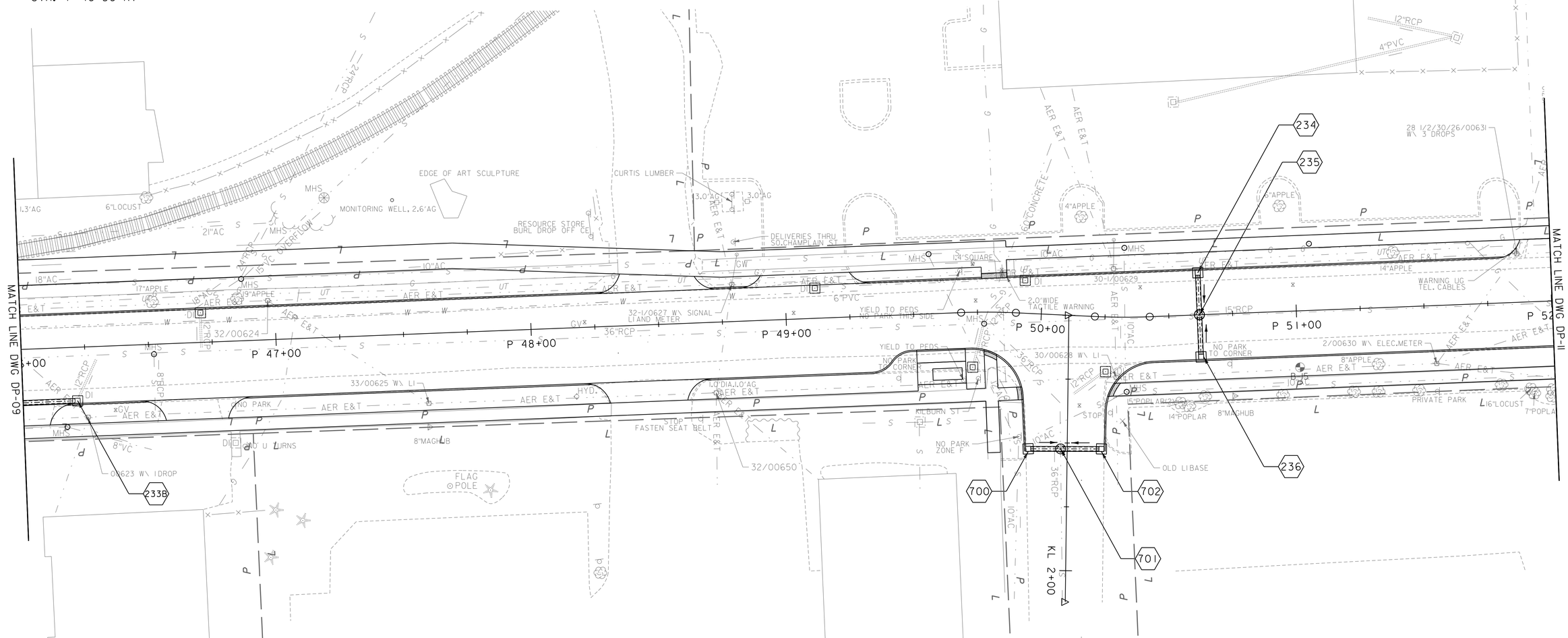
629.29 RELOCATE HYDRANT

STA. P 48+17 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF GAS VALVE)

STA. P 49+74 LT
STA. P 49+85 LT
STA. P 51+68 LT

VT STATE PLANE GRID



233B STA. P 46+21, 21' RT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION =
INV. IN =

234 STA. P 50+62, 17' LT - STA. P 50+62, CL
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 14' X 15" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

235 STA. P 50+62, CL
CONSTRUCT NEW PRECAST REINFORCED CONCRETE DOG HOUSE MANHOLE (4 ID),
RIM ELEVATION =
INV. IN =
INV. IN =

236 STA. P 50+62, 17' RT - STA. P 50+62, CL
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 14' X 15" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

600 STA. KL 1+55, 15' RT - STA. KL 1+55, 3' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 10' X 15" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

601 STA. KL 1+55, 3' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE DOG HOUSE MANHOLE (4 ID),
RIM ELEVATION =
INV. IN =
INV. IN =

602 STA. KL 1+55, 13' LT - STA. KL 1+52, 3' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 14' X 15" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87D078_bdr_drn.dgn	PLOT DATE: 2/16/2016
PROJECT LEADER: J. MEYERS	DRAWN BY: G. MERKLE
DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
DP-10	SHEET 93 OF 339

FILE NAME =V:\1951\active\195110058\Facilities C6\Design\z87D078_bdr_drn.dgn
DATE/TIME =2/16/2016
USER =$NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. P 52+26 LT
STA. P 55+41 LT
STA. P 55+42 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF WATER SHUT OFF)

STA. P 56+63 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF TELEPHONE MANHOLE)

STA. P 54+92 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. P 52+04 LT
STA. P 52+30 RT
STA. P 52+30 RT
STA. P 52+43 LT
STA. P 52+59 RT
STA. P 54+16 RT
STA. P 54+16 LT
STA. P 54+99 RT
STA. P 55+41 RT
STA. P 55+42 RT
STA. P 55+76 RT
STA. P 56+99 LT

629.20 ADJUST ELEVATION OF GATE VALVE

STA. P 52+45 LT
STA. P 52+79 LT
STA. P 52+88 LT
STA. P 52+92 LT
STA. P 54+15 LT
STA. P 57+60 LT

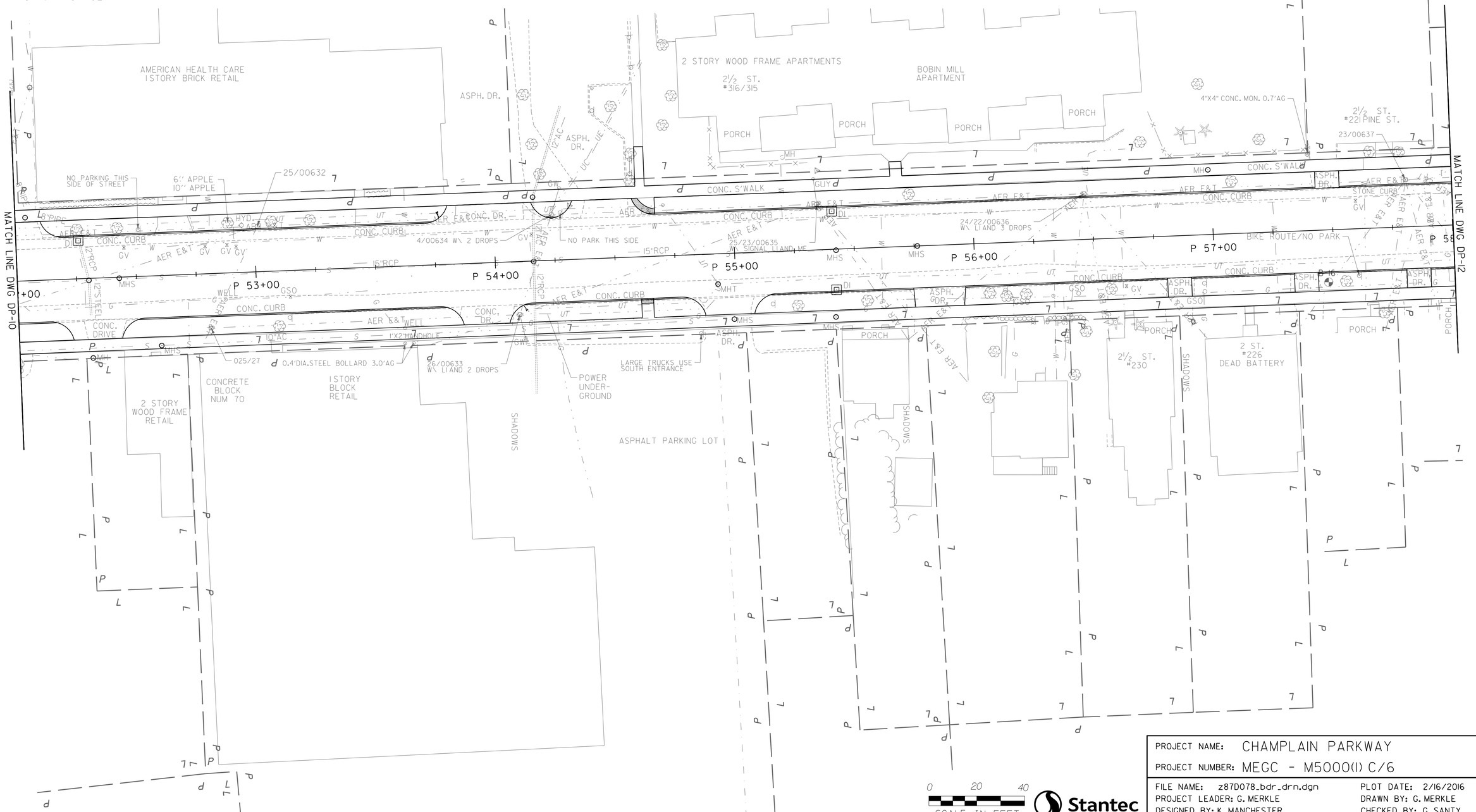
629.29 RELOCATE HYDRANT

STA. P 52+94 LT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF GAS VALVE)

STA. P 52+87 RT
STA. P 53+14 RT
STA. P 53+61 RT
STA. P 56+15 RT
STA. P 56+32 RT
STA. P 56+43 RT
STA. P 56+95 RT

VT STATE PLANE GRID



0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87D078_bdr_drn.dgn	PLOT DATE: 2/16/2016
PROJECT LEADER: G. MERKLE	DRAWN BY: G. MERKLE
DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
DP-11	SHEET 94 OF 339

FILE NAME =V:\1951\active\195110058\Facilities CG\Design\z87D078_bdr_drn.dgn
DATE/TIME = 2/16/2016
USER =$NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. P 59+22 RT
STA. P 59+59 LT
STA. P 59+59 RT
STA. P 63+65 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF WATER SHUT OFF)

STA. P 58+76 RT
STA. P 60+50 RT
STA. P 60+87 LT
STA. P 60+90 RT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. P 58+57 RT
STA. P 59+40 RT
STA. P 60+30 LT
STA. P 63+43 RT
STA. P 63+48 RT
STA. P 63+48 RT

629.20 ADJUST ELEVATION OF GATE VALVE

STA. P 58+79 RT
STA. P 58+99 LT
STA. P 59+01 LT
STA. P 59+02 RT
STA. P 59+10 LT
STA. P 59+13 LT
STA. P 59+15 LT
STA. P 59+52 LT
STA. P 59+53 RT
STA. P 59+58 LT
STA. P 59+60 LT
STA. P 62+00 LT
STA. P 63+13 LT
STA. P 63+50 LT
STA. P 63+53 RT
STA. P 63+74 LT
STA. P 63+79 LT

629.29 RELOCATE HYDRANT

STA. P 58+99 LT
STA. P 63+79 LT

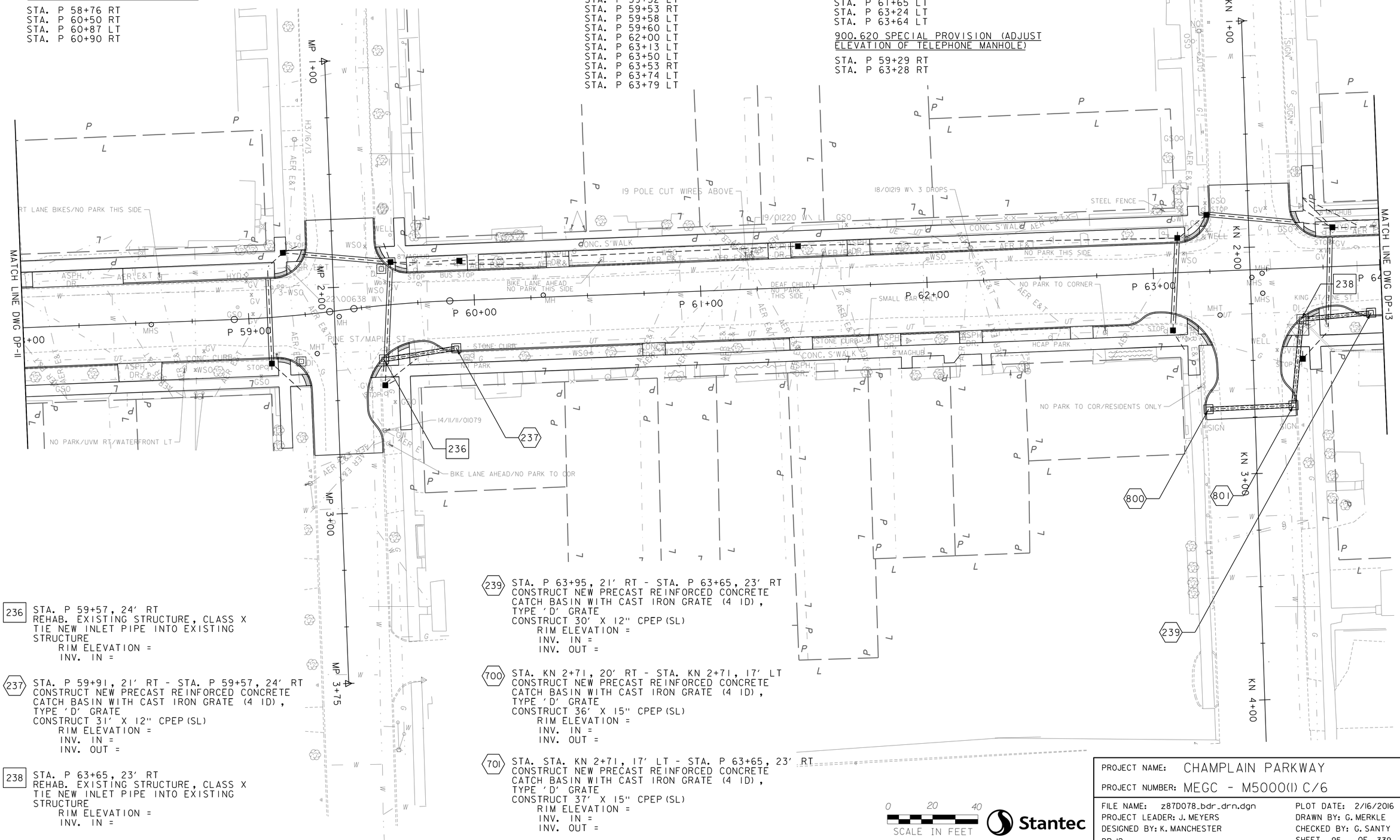
900.620 SPECIAL PROVISION (ADJUST ELEVATION OF GAS VALVE)

STA. P 58+12 RT
STA. P 59+04 RT
STA. P 61+65 LT
STA. P 63+24 LT
STA. P 63+64 LT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF TELEPHONE MANHOLE)

STA. P 59+29 RT
STA. P 63+28 RT

VT STATE PLANE GRID



236 STA. P 59+57, 24' RT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION =
INV. IN =

237 STA. P 59+91, 21' RT - STA. P 59+57, 24' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 31' X 12" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

238 STA. P 63+65, 23' RT
REHAB. EXISTING STRUCTURE, CLASS X
TIE NEW INLET PIPE INTO EXISTING STRUCTURE
RIM ELEVATION =
INV. IN =

239 STA. P 63+95, 21' RT - STA. P 63+65, 23' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 30' X 12" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

700 STA. KN 2+71, 20' RT - STA. KN 2+71, 17' LT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 36' X 15" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

701 STA. STA. KN 2+71, 17' LT - STA. P 63+65, 23' RT
CONSTRUCT NEW PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4 ID), TYPE 'D' GRATE
CONSTRUCT 37' X 15" CPEP(SL)
RIM ELEVATION =
INV. IN =
INV. OUT =

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87D078_bdr_drn.dgn
PROJECT LEADER: J. MEYERS
DESIGNED BY: K. MANCHESTER
DP-12

PLOT DATE: 2/16/2016
DRAWN BY: G. MERKLE
CHECKED BY: G. SANTY
SHEET 95 OF 339

FILE NAME =V:\1951\active\195110058\Facilities CG\Design\z87D078_bdr_drn.dgn
DATE/TIME = 2/16/2016
USER =$NTUSER$

604.41X REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS X

STA. P 67+96 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF WATER SHUT OFF)

STA. P 66+72 RT
STA. P 66+74 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF GAS VALVE)

STA. P 64+56 LT
STA. P 64+58 LT
STA. P 65+78 LT
STA. P 66+15 LT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF TELEPHONE MANHOLE)

STA. P 67+78 RT

900.620 SPECIAL PROVISION (ADJUST ELEVATION OF ELECTRIC MANHOLE)

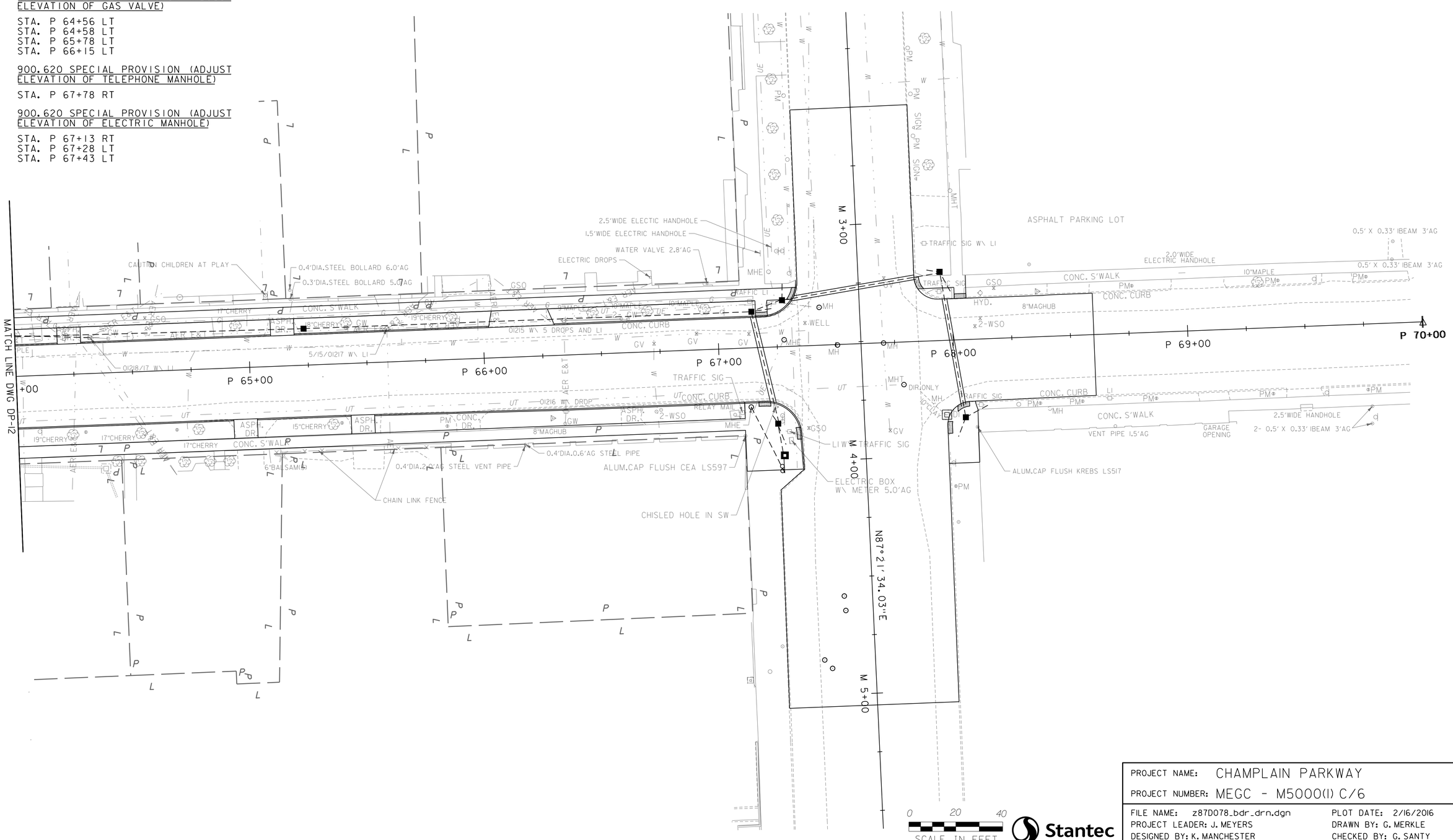
STA. P 67+13 RT
STA. P 67+28 LT
STA. P 67+43 LT

604.42 CHANGING ELEVATION OF SEWER MANHOLES

STA. M 4+58 RT
STA. M 4+64 RT
STA. M 4+85 RT
STA. M 4+89 RT
STA. P 67+50 CL
STA. P 67+70 CL

629.20 ADJUST ELEVATION OF GATE VALVE

STA. M 3+23 LT
STA. M 3+88 LT
STA. P 66+72 LT
STA. P 67+37 LT
STA. P 67+37 RT
STA. P 68+09 LT
STA. P 68+11 LT



Stantec

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87D078_bdr_drn.dgn	PLOT DATE: 2/16/2016
PROJECT LEADER: J. MEYERS	DRAWN BY: G. MERKLE
DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
DP-13	SHEET 96 OF 339

FILE NAME =H:\1951\active\195110058\Facilities CE\Design\z87D078_bdr_drn.dgn
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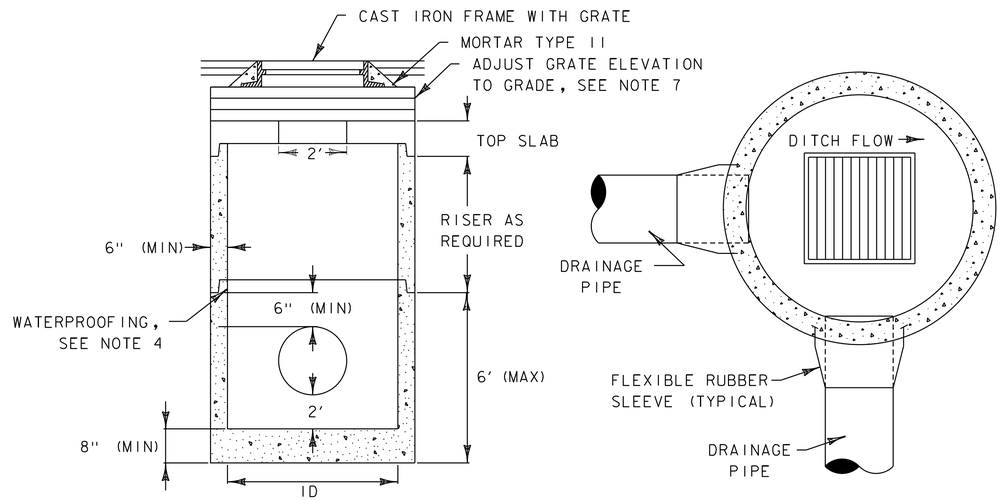


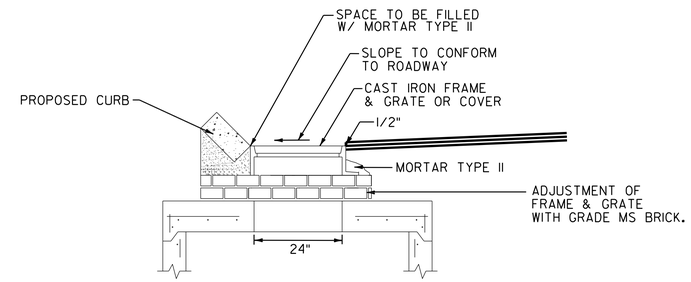
ELEVATION VIEW **PLAN VIEW**

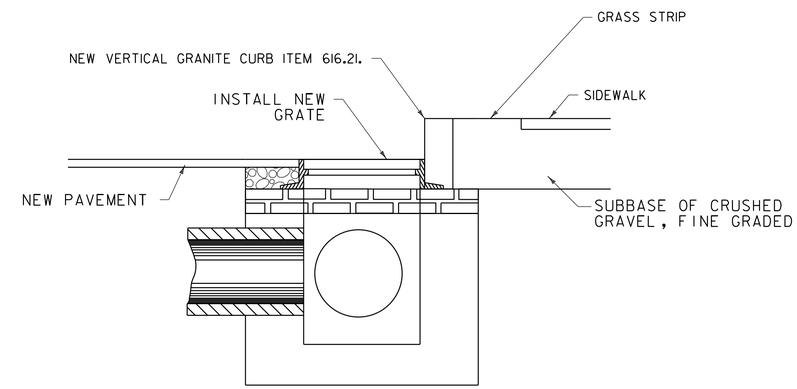
PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON COVER

NOT TO SCALE

NOTES:

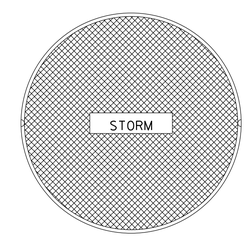
1. PRECAST CONCRETE SECTIONS SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND ASTM C-478.
2. MINIMUM CONCRETE COMPRESSIVE STRENGTH: 4000 PSI AT 28-DAYS.
3. STEEL REINFORCING SHALL CONFORM TO ASTM A185 OR A82 FOR HS25 LOADING.
4. THE PRECAST CATCH BASIN SECTION SHALL BE COATED WITH A DAMP PROOFING OR SHALL BE CAST WITH A WATERPROOFING CONCRETE ADMIXTURE.
5. FACE OF PIPE SHALL NOT PROJECT MORE THAN 2" OR LESS THAN 1" FROM INSIDE WALL OF STRUCTURE.
6. ALL STRUCTURES WITH MULTIPLE PIPES SHALL HAVE A MINIMUM OF 1' OF OUTSIDE SURFACE BETWEEN HOLES, NO MORE THAN 75% OF A HORIZONTAL CROSS-SECTION SHALL BE HOLES, AND THERE SHALL BE NO HOLES CLOSER THAN 6" TO JOINTS. THE STRUCTURE SHALL BE UPSIZED SHOULD THE PRECAST CONCRETE MANUFACTURER DEEM IT NECESSARY. NO ADDITIONAL PAYMENT WILL BE MADE FOR INCREASED STRUCTURE DIAMETER.
7. FITTING FRAME TO FINAL GRADE MAY BE DONE WITH PRECAST CONCRETE GRADE RINGS OR BUILDING BRICK. NUMBER OF COURSES AS REQUIRED, 12" MAXIMUM.
8. ALL PIPE INVERTS AND PENETRATION ANGLES SHALL BE FIELD VERIFIED PRIOR TO PRECASTING.
9. PRECAST SECTIONS SHALL HAVE A TONGUE AND GROOVE JOINT. EACH JOINT SHALL BE ASSEMBLED USING AN APPROVED BUTYL MASTIC SEALANT.
10. PROVIDE FLEXIBLE RUBBER SLEEVES CONFORMING TO ASTM C-923, RESILIENT, OF SIZE REQUIRED, FOR EACH PIPE CONNECTING TO EACH STRUCTURE. SLEEVES SHALL BE SET INTO PRECAST STRUCTURE BY THE MANUFACTURER FOR ALL PIPE PENETRATIONS.
11. CATCH BASIN GRATE ORIENTATION SHALL BE IN ACCORDANCE WITH VTRANS STANDARD DRAWING D-11 FOR TYPE D OR TYPE E GRATES.
12. TRENCH EXCAVATION FOR INSTALLATION OF CATCH BASINS SHALL BE INCIDENTAL TO ITEM 204.20, TRENCH EXCAVATION OF EARTH.





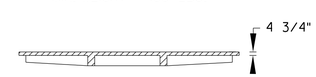
REHAB D.I.

NOT TO SCALE

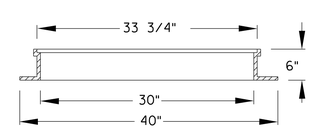


COVER PLATE

MIN. WEIGHT = 150 LBS.



COVER SECTION



FRAME SECTION

MIN. WEIGHT = 250 LBS.

CATCH BASIN FRAME AND COVER DETAIL

N.T.S.

NOTES:

1. THESE DETAILS MAY NOT DEPICT ALL EXISTING CONDITIONS FOR ALL EXISTING D.I.'S. REHABILITION MAY VARY, AS DIRECTED BY THE ENGINEER.
2. REMOVE EXISTING GRANITE CURB, DROP INLET TOPS, PEDESTALS AND DROP INLET WALLS TO ACCOMMODATE NEW BRICKS, D.I. COVERS, FRAMES AND GRATES TO MAINTAIN EXISTING FLOW LINES (SEE VTrans STANDARD D-8 FOR EXISTING D.I. DETAILS).
3. REDUCE BRICK COURSES AS NECESSARY TO MAINTAIN EXISTING FLOW ALONG THE GUTTER.
4. SEE VTRANS STANDARDS D-8 & D-9 FOR CONCRETE TOP DETAIL, AND D-15 AND D-16 FOR GRATE DETAILS. IN AREAS WHERE CURB IS NOT ADJACENT TO THE GRATE, PROVIDE A CONCRETE TOP AS SHOWN ON STANDARD D-6.
5. ALL REMOVAL AND RECONSTRUCTION, INCLUDING ALL MATERIALS, LABOR AND INCIDENTIALS WILL BE PAID FOR UNDER ITEM 604.415 OR 604.418.

DRAINAGE DETAIL SHEET #1	PROJECT NAME: CHAMPLAIN PARKWAY	
	PROJECT NUMBER: MEGC - M5000(1)	
	FILE NAME: z87d078_frm.dgn	PLOT DATE: 2/16/2016
	PROJECT LEADER: J. MEYERS	DRAWN BY: G. MERKLE
	DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
	DWG NO: DD-01	SHEET 97 OF 339

FILE NAME =H:\195\active\195100058\Facilities GC\Design\z87d078.frm.dgn
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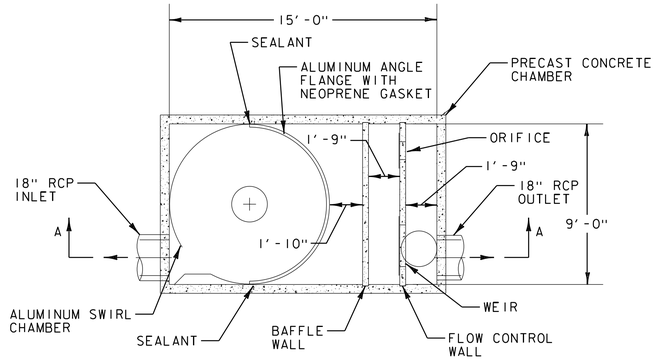
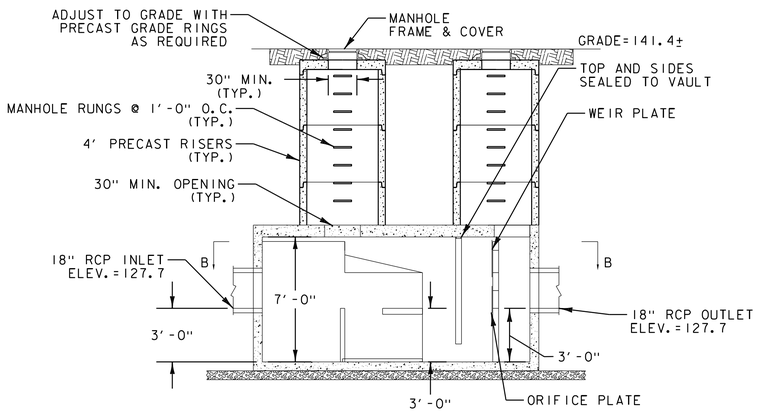


SWIRL CHAMBER PLAN VIEW B–B

SCALE=1/4"=1'-0"



SWIRL CHAMBER SECTION VIEW A–A

SCALE=1/4"=1'-0"

STORMWATER MANAGEMENT DETAIL SHEET #1	PROJECT NAME: CHAMPLAIN PARKWAY	
	PROJECT NUMBER: MEGC - M5000(1)	
	FILE NAME: z87d078_frm.dgn	PLOT DATE: 2/16/2016
	PROJECT LEADER: J. MEYERS	DRAWN BY: G. MERKLE
	DESIGNED BY: K. MANCHESTER	CHECKED BY: G. SANTY
	DWG NO: SWM-01	SHEET 98 OF 339

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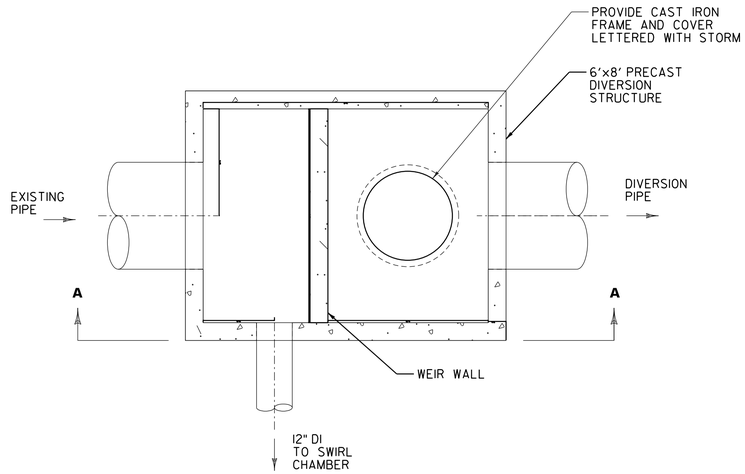
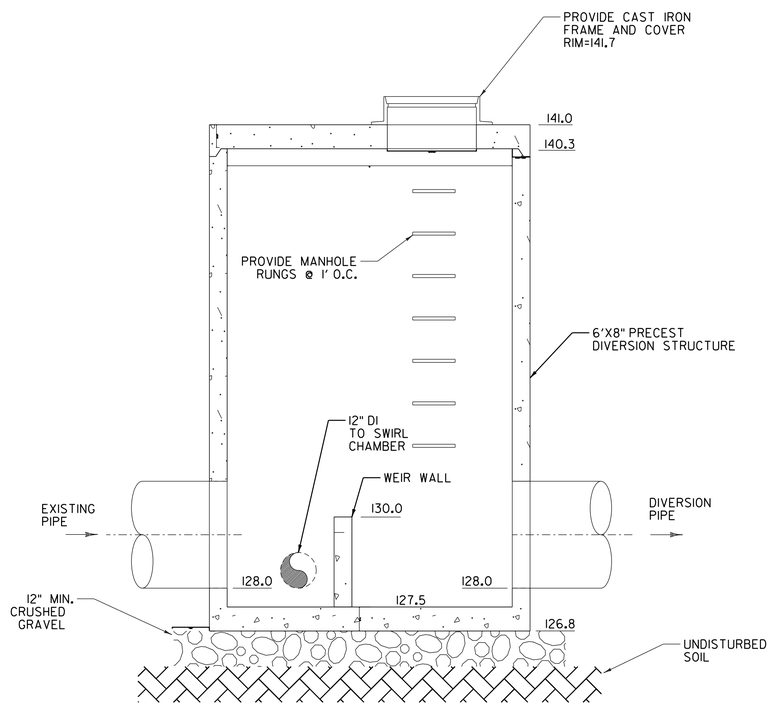


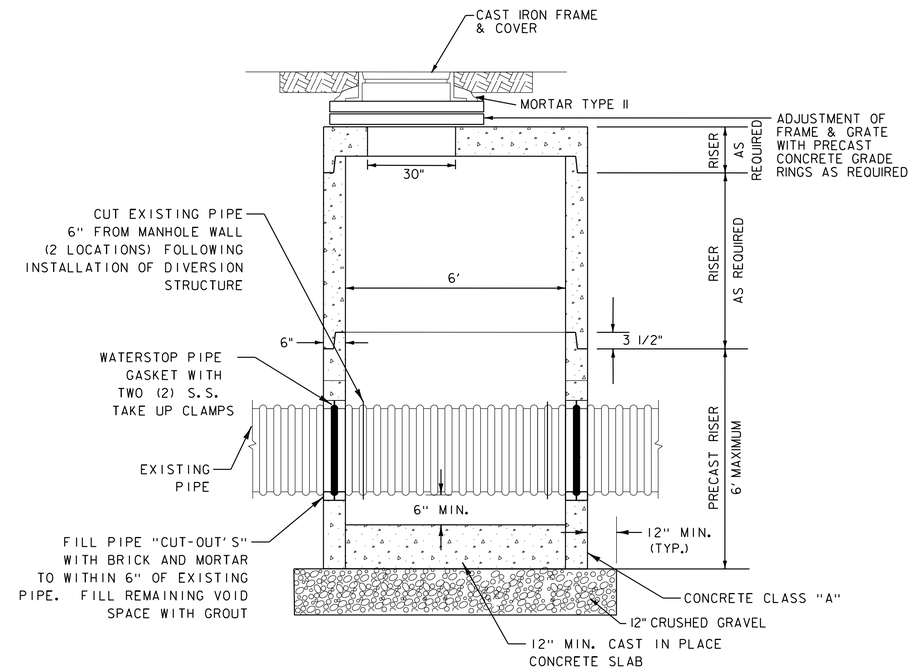
PLAN



SECTION A–A

DIVERSION STRUCTURE

N.T.S.



DOGHOUSE MANHOLE

SCALE: N.T.S.

STORMWATER MANAGEMENT DETAIL SHEET #2	PROJECT NAME: CHAMPLAIN PARKWAY PROJECT NUMBER: MEGC - M5000(1)
	FILE NAME: z87d078_frm.dgn PROJECT LEADER: J. MEYERS DESIGNED BY: K. MANCHESTER DWG NO: SWM-02
	PLOT DATE: 2/16/2016 DRAWN BY: G. MERKLE CHECKED BY: G. SANTY SHEET 99 OF 339

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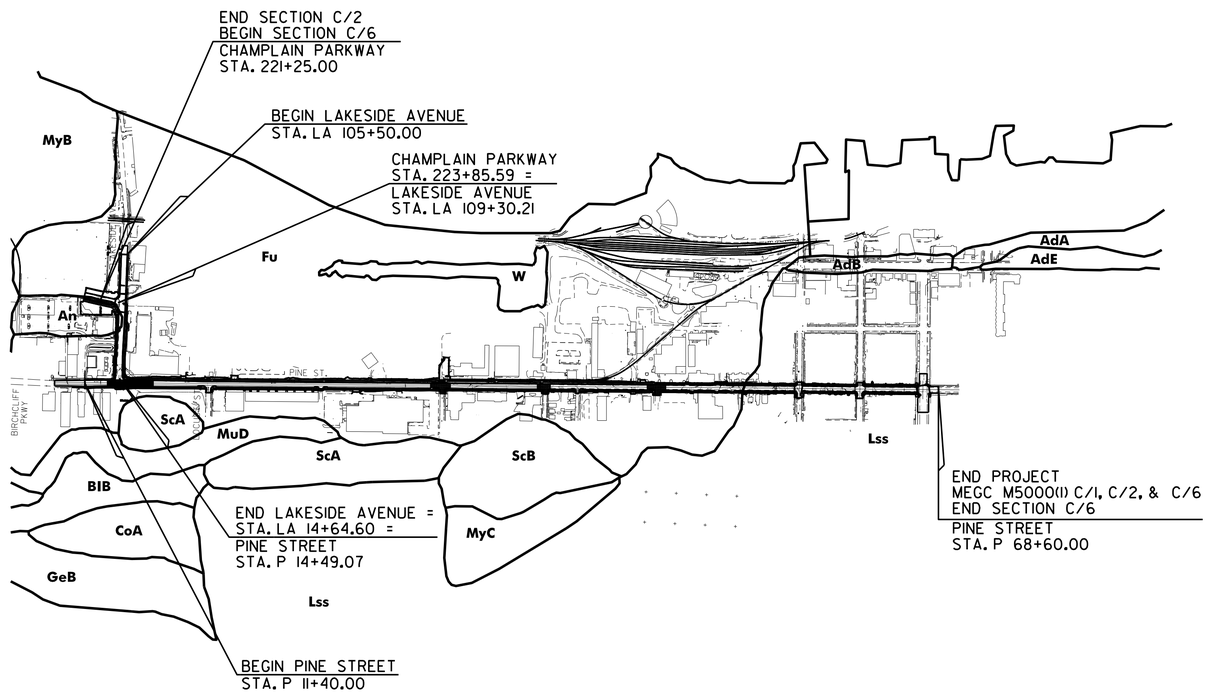
DATE/TIME = 2/16/2016
USER =$NTUSER$

SOIL LEGEND

MAP UNIT TYPE	NAME	SLOPES (%)	"K" FACTOR	EROSION RISK
An	Alluvial land	N/A	-	-
BIA	Belgrade and Eldridge soils	0-3	0.24-0.49	LOW/MEDIUM
BIB	Belgrade and Eldridge soils	3-8	0.24-0.49	MEDIUM/HIGH
BIC	Belgrade and Eldridge soils	8-15	0.24-0.49	MEDIUM/HIGH
BID	Belgrade and Eldridge soils	15-25	0.24-0.49	HIGH
EwA	Enosburg and Whately soils	0-3	0.24	LOW
EwB	Enosburg and Whately soils	3-8	0.24	MEDIUM
FaC	Farmington extremely rocky loam	5-20	0.32	HIGH
Fu	Fill land	N/A	-	-
Hf	Hadley very fine sandy loam	0-3	0.49	MEDIUM
MuD	Munson and Belgrade silt loams	12-25	0.49	HIGH
MyB	Munson and Raynham silt loams	2-6	0.49	MEDIUM/HIGH
ScA	Scantic Silt Loam	0-2	0.32	LOW
VeD	Vergennes Clay	12-25	0.49	HIGH
Lss	Limits of Detailed Soil Survey	-	-	-

NOTES:

1. TABLE ONLY LISTS THOSE SOILS DIRECTLY EFFECTED BY THE CONSTRUCTION OF THIS PROJECT.
2. MAP UNIT TYPE IS FROM THE SOIL SURVEY OF CHITTENDEN COUNTY, VERMONT PREPARED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE'S NATIONAL RESOURCES CONSERVATION SERVICE (NRCS).



NOTE:

1. SEE PREVIOUS SHEET FOR SOIL MAP KEY.

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078soil02_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SOIL MAP SHEET (S-2)	SHEET 104 OF 339

FILE NAME =U:\855\87D078\Consultants\z87d078soil02_c6.dgn
DATE/TIME =2/17/2016
USER =4916

CHAMPLAIN PARKWAY
MEGC – M5000(1) C/6 EROSION AND SEDIMENT CONTROL PLAN

NARRATIVE

1. PROJECT DESCRIPTION

THIS PROJECT IS LOCATED IN THE CITIES OF BURLINGTON AND SOUTH BURLINGTON, CHITTENDEN COUNTY, VERMONT. THE C/6 PORTION OF THIS PROJECT BEGINS AT A POINT JUST SOUTH OF LAKESIDE AVENUE, EXTENDS TO LAKESIDE AVENUE, EAST AND WEST ALONG LAKESIDE AVENUE FOR 0.161 MILE, THEN NORTHERLY ALONG PINE STREET FOR 1.074 MILES TO THE INTERSECTION WITH MAIN STREET. WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE CONSTRUCTION OF SECTION C/6 WHICH INCLUDES TYING-IN THE CHAMPLAIN PARKWAY TO LAKESIDE AVENUE, RECONSTRUCTION OF LAKESIDE AVENUE INCLUDING SIDEWALKS, COLD PLANING AND PAVING PINE STREET INCLUDING SIDEWALKS, AND THE CONSTRUCTION OF A SHARED-USE PATH ALONG PINE STREET. WORK TO BE PERFORMED ALSO INCLUDES WATER, SEWER, AND UTILITY RELOCATIONS, THE CONSTRUCTION OF A SHARED-USE PATH AND INCIDENTAL ITEMS. IT IS ANTICIPATED THAT CONSTRUCTION WILL START ON THIS PROJECT IN THE SUMMER OF 2018 AND CONTINUE THROUGH TO THE FALL OF 2019.

2. SITE INVENTORY AND ANALYSIS

A. SITE DRAINAGE CHARACTERISTICS:

THE CHAMPLAIN PARKWAY PROJECT AREA LIES WITHIN A FAIRLY FLAT URBAN AREA LOCATED IN THE CITY OF BURLINGTON EAST OF LAKE CHAMPLAIN IN THE LAKE CHAMPLAIN WATERSHED AREA. THE MAJORITY OF EXISTING SURFACE RUNOFF WITHIN THE PROJECT AREA IS COLLECTED AND CONVEYED THROUGH EXISTING DRAINAGE SYSTEMS LOCATED ALONG THE PROJECT CORRIDOR. THESE EXISTING DRAINAGE SYSTEMS EVENTUALLY OUTLET INTO LAKE CHAMPLAIN DIRECTLY OR THROUGH EITHER ONE OF TWO IMPAIRED WATERWAYS LOCATED WITHIN THE PROJECT LIMITS THAT EVENTUALLY OUTFALL INTO LAKE CHAMPLAIN. DUE TO THE CLOSE PROXIMITY OF LAKE CHAMPLAIN AND THE EXISTING IMPAIRED WATERWAYS LOCATED WITHIN THE PROJECT, BOTH TEMPORARY AND PERMANENT EROSION PREVENTION AND SEDIMENT CONTROL MEASURES WERE DESIGNED TO TRAP AND TREAT ALL SURFACE RUNOFF WATERS WITHIN THE PROJECT AREAS BEFORE OUTLETTING INTO THE EXISTING WATERWAYS. THE PLANNED MEASURES SHALL PROTECT THE EXISTING IMPAIRED WATERWAYS FROM ADDED IMPACTS.

B. DRAINAGE, WATERWAYS, BODIES OF WATER

THERE ARE NUMEROUS EXISTING DRAINAGE SYSTEMS LOCATED WITHIN THE PROJECT LIMITS AND THROUGHOUT THE SURROUNDING AREAS THAT EVENTUALLY FLOW INTO LAKE CHAMPLAIN WHICH IS LOCATED TO THE WEST OF THE PROJECT AREA. SOME FEDERAL CLASS II WETLANDS ALSO EXIST WITHIN THE PROJECT LIMITS. ONE OF THESE BEING THE PINE STREET BARGE CANAL. DUE TO THE EXISTING IMPAIRED WATERWAYS LOCATED WITHIN THE PROJECT LIMITS, SEVERAL DRAINAGE SYSTEMS WILL BE CONSTRUCTED WITH BOTH TEMPORARY AND PERMANENT EROSION PREVENTION AND SEDIMENT CONTROL MEASURES BEING IMPLEMENTED TO TRAP AND TREAT ALL SURFACE RUNOFF WATERS WITHIN THE PROJECT AREA BEFORE BEING RELEASED INTO THE EXISTING IMPAIRED WATERWAYS PROTECTING THEM FROM FURTHER IMPACTS. BOTH IMPAIRED WATERWAYS SHALL HAVE CONTINUOUS MONITORING BOTH UPSTREAM AND DOWNSTREAM FOR SEDIMENT AND POLLUTANTS THROUGHOUT THE DURATION OF THE PROJECT.

C. TOPOGRAPHY:

THE EXISTING SITE TOPOGRAPHY IN SECTION C/6 CONSISTS OF EXISTING URBAN ROADS LINED WITH A MIX OF RESIDENTIAL AND COMMERCIAL BUILDINGS WITH DIRECT ACCESS TO THE ROADWAYS. IN ADDITION THERE ARE ABOVE GROUND UTILITIES AND UNDERGROUND SEWER, WATER AND GAS UTILITIES PRESENT WITHIN THE PROJECT AREA. THERE IS ALSO A RAIL LINE TO THE WEST OF THE PROJECT AREA THAT RUNS PARALLEL TO THE PROPOSED ALIGNMENT. SINCE THE CONSTRUCTION OF THIS PROJECT WILL ALTER SOME OF THE TOPOGRAPHY THROUGHOUT THE PROJECT AREA TO INCORPORATE ADDITIONAL IMPERVIOUS PAVED SURFACE, THE TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES HAVE BEEN DESIGNED TO EFFECTIVELY REDUCE/ELIMINATE SOIL EROSION UNTIL ALL SLOPES CAN BE STABILIZED. IN ADDITION TO THE TEMPORARY EROSION PREVENTION MEASURES BEING IMPLEMENTED, PERMANENT SEDIMENT BASINS WILL BE CONSTRUCTED PRIOR TO CONSTRUCTING THE PROPOSED ROAD AT VARIOUS POINTS ALONG THE PROJECT CORRIDOR TO FURTHER TREAT SURFACE RUNOFF WATERS DURING AND AFTER ALL CONSTRUCTION HAS BEEN COMPLETED.

D. VEGETATION:

THE VEGETATION LOCATED WITHIN SECTION C/6 CONSIST PRIMARILY OF GRASSED/LAWN AREAS IN THE MORE RESIDENTIAL SECTIONS OF THE PROJECT. IN ADDITION, THERE ARE SOME SMALL AREAS OF TREES AND SHRUBS THAT TYPICALLY SEPARATE THE RESIDENTIAL AREAS FROM THE COMMERCIAL AREAS. AS A RESULT OF THIS PROJECT THE VEGETATION LOCATED ALONG THE PROPOSED ALIGNMENT WILL BE CLEARED FOR THE NEW PAVED ROAD SURFACE. SEVERAL STORMWATER DRAINAGE SYSTEMS WILL BE CONSTRUCTED WITH BOTH TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES BEING IMPLEMENTED TO TRAP AND TREAT ALL SURFACE RUNOFF WATERS WITHIN THE PROJECT AREAS BEFORE BEING RELEASED INTO THE EXISTING WATERWAYS DURING AND AFTER ALL CONSTRUCTION HAS BEEN COMPLETED.

E. SOILS

THE MAJORITY OF THE SOILS LOCATED WITHIN THE THE C/6 SECTION HAVE BEEN CLASSIFIED AS FILL LAND. THE REMAINDER HAS NOT BEEN MAPPED BY THE NRCS. SEE DWG.'S S-1 & S-2 FOR A MAP AND TABLE DEPICTING ALL OF THE NRCS MAPPED SOILS LOCATED ALONG THE PROJECT CORRIDOR.

F. PROXIMITY TO NATURAL OR MAN-MADE WATER FEATURES:

LAKE CHAMPLAIN IS APPROXIMATELY 0.750 MILE TO THE WEST OF THE PROJECT AREA. DUE TO THE CLOSE PROXIMITY OF LAKE CHAMPLAIN, BOTH TEMPORARY AND PERMANENT EROSION PREVENTION AND SEDIMENT CONTROL MEASURES WERE DESIGNED TO TRAP AND TREAT ALL SURFACE RUNOFF WATERS WITHIN THE PROJECT AREA BEFORE OUTLETTING INTO THE EXISTING WATERWAYS. THE PLANNED MEASURES SHALL PROTECT THE EXISTING IMPAIRED WATERWAYS FROM ADDED IMPACTS. BOTH IMPAIRED WATERWAYS SHALL HAVE A CONTINUOUS MONITORING PROGRAM THROUGHOUT THE DURATION OF THE PROJECT.

3. GRADING PLAN AND TIMETABLE

A. DESCRIPTION OF PROPOSED GRADING AND SEASONAL LIMITATIONS

THIS PROJECT HAS BEEN DIVIDED INTO FOUR PHASES OF CONSTRUCTION TO MINIMIZE THE AMOUNT OF EXPOSED EARTH THAT WILL TAKE PLACE OVER THE TWO ANTICIPATED CONSTRUCTION SEASONS BEGINNING IN THE SUMMER OF 2016. ALL SEASONAL LIMITATIONS FOR MATERIALS AND WORK PER THE VERMONT AGENCY OF TRANSPORTATION'S (AGENCY) STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011 AND THE VERMONT AGENCY OF NATURAL RESOURCES (ANR) GENERAL PERMIT 3-9020 (2008) FOR STORMWATER RUNOFF FROM LARGE CONSTRUCTION SITES SHALL BE ADHERED TO AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR ON-SITE PLAN COORDINATOR. ALL PHASES OF CONSTRUCTION HAVE BEEN ARRANGED SUCH THAT THEY CAN BE COMPLETED USING ON-SITE MATERIALS FOR ALL EMBANKMENTS.

B. TIME TABLE OF ALL MAJOR CONSTRUCTION OPERATIONS:

SEE DWG. ECN-3 FOR DETAILED DESCRIPTIONS OF THE VARIOUS PHASES OF CONSTRUCTION.

4. EROSION PREVENTION AND SEDIMENT CONTROL PLAN AND TIMETABLE

A. DESCRIPTION OF THE STRATEGIES OF THE EROSION PREVENTION PLAN AND WHY IT WILL BE EFFECTIVE IN PROTECTING WATER RESOURCES:

THE CONCEPT BEHIND THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN IS TO PREVENT/ELIMINATE SOIL EROSION FROM OCCURRING DURING THE VARIOUS PHASES OF CONSTRUCTION AND TO TREAT ALL ON-SITE STORMWATER RUNOFF PRIOR TO BEING RELEASED INTO THE EXISTING WATERWAYS. THE VARIOUS METHODS OF TEMPORARY SOIL EROSION CONTROL MEASURES BEING EMPLOYED ON THIS PROJECT ARE SILT FENCE, NATURAL FIBER EROSION MATTING, CHECK DAMS AND DRAINAGE SYSTEM INLET PROTECTION. IN ADDITION TO THE TEMPORARY MEASURES, ALL PERMANENT SLOPES SHALL BE STABILIZED WITH SEED AND MULCH PRIOR TO THE COMPLETION OF THE PROJECT WITHIN THE SEASONAL LIMITATIONS. PERMANENT SEDIMENT TRAPS ARE ALSO BEING CONSTRUCTED AT VARIOUS POINTS ALONG THE PROJECT CORRIDOR TO PROVIDE CONTINUOUS STORMWATER TREATMENT DURING AND AFTER ALL CONSTRUCTION ACTIVITIES HAVE CEASED BY CORRECTLY INSTALLING ALL OF THE TEMPORARY AND PERMANENT EROSION PREVENTION MEASURES PER THIS PLAN DURING THE VARIOUS PHASES OF CONSTRUCTION, THE CONTRACTOR SHALL BE ABLE TO TREAT ALL ON-SITE STORMWATER RUNOFF AND CONTAIN ALL POLLUTANTS ON-SITE PRIOR TO RELEASING WATERS INTO THE EXISTING WATERWAYS.

B. DESCRIPTION OF SEEDING AND MULCHING PLAN:

ALL AREAS OF DISTURBANCE MUST HAVE TEMPORARY STABILIZATION WITHIN 7 DAYS OF INITIAL DISTURBANCE. AFTER THIS TIME, ANY DISTURBANCE IN THE AREA MUST BE STABILIZED AT THE END OF EACH WORK DAY. THE FOLLOWING EXCEPTIONS APPLY:

- STABILIZATION IS NOT REQUIRED IF WORK IS TO CONTINUE IN THE AREA WITHIN THE NEXT 24 HOURS AND THERE IS NO PRECIPITATION FORECAST FOR THE NEXT 24 HOURS.
- STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION (I.E. NO OUTLET) WITH A DEPTH OF 2 FEET OR GREATER (E.G. HOUSE FOUNDATION EXCAVATION, UTILITY TRENCHES).

FOR PERMANENT STABILIZATION, AREAS THAT REACH FINAL GRADE MUST BE SEEDED AND MULCHED WITHIN 48 HOURS OF REACHING FINAL GRADE.

THERE SHALL BE NO MORE THAN 5 ACRES OF CONCURRENT EARTH DISTURBANCE AT ANYTIME, EXCLUDING AREAS WITH TEMPORARY STABILIZATION.

C. DESCRIPTION OF STRUCTURAL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES:

PROJECT DEMARCATION FENCE - INSTALLED ALONG THE PERIMETER OF THE ENTIRE PROJECT DURING THE DIFFERENT PHASES OF CONSTRUCTION TO KEEP EQUIPMENT FROM ENTERING PROTECTED AREAS.

SILT FENCE - INSTALLED ALONG THE TOE AND AT INTERMEDIATE POINTS ALONG FILL SLOPES PER THE DETAIL DWG. ECD-1.

NATURAL FIBER EROSION MATTING - INSTALLED ON SLOPES 1-3 OR GREATER AND DITCH CHANNELS PER THE DETAIL ON DWG. ECD-2.

CHECK DAMS - PREFABRICATED AND STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOW PER THE DETAIL ON DWG. ECD-2.

DRAINAGE STRUCTURE INLET PROTECTION - INSTALLED AROUND ALL EXISTING AND NEWLY CONSTRUCTED DROP INLETS PER THE DETAIL ON DWG. ECD-1.

CULVERT INLET PROTECTION - INSTALLED AT THE ENDS OF ALL EXISTING AND NEWLY CONSTRUCTED CULVERTS PER THE DETAIL ON DWG. ECD-1.

PERMANENT SEDIMENT BASINS - DESIGNED PER VERMONT STORMWATER MANAGEMENT MANUAL AND EPA GUIDELINES AT VARIOUS POINTS ALONG THE PROJECT CORRIDOR TO TREAT ALL RUNOFF WATER FROM THE PROJECT AREA PRIOR TO BEING RELEASED INTO THE EXISTING WATERWAYS.

BARRIER FENCE - INSTALLED ALONG THE PERIMETER OF THE ENTIRE PROJECT WITHIN 100' OF AN ACTIVE WATER COURSE DURING THE DIFFERENT PHASES OF CONSTRUCTION TO KEEP EQUIPMENT FROM ENTERING PROTECTED AREAS.

SILT FENCE, WOVEN WIRE REINFORCED - INSTALLED ALONG THE TOE AND AT INTERMEDIATE POINTS ALONG FILL SLOPES WITHIN 100' OF AN ACTIVE WATER COURSE PER THE DETAIL ON DWG. ECD-1.

D. DESIGN CALCULATIONS FOR ALL TEMPORARY AND PERMANENT STRUCTURAL CONTROL MEASURES:

PERMANENT EROSION PREVENTION AND SEDIMENT CONTROL MEASURE DESIGN CALCULATIONS:

SEE THE STORMWATER DISCHARGE PERMIT 3368-INDS.RA ISSUED BY ANR OCTOBER 11, 2012 FOR ALL DESIGN CALCULATIONS FOR THE PERMANENT EROSION PREVENTION AND SEDIMENT CONTROL MEASURES USED ON THIS PROJECT.

E. DESCRIPTION OF THE INSPECTION, MAINTENANCE, AND RECORDS PROGRAM FOR ALL CONTROL MEASURES:

THE CONTRACTOR SHALL DESIGNATE SOMEONE WHO WILL BE DIRECTLY RESPONSIBLE FOR THE INSPECTION, MAINTENANCE AND RECORD KEEPING FOR EROSION PREVENTION AND SEDIMENT CONTROL MEASURES PER ITEM 652.20 MONITORING EPSC PLAN. INSPECTION OF SOIL EROSION AND POLLUTION CONTROL MEASURES SHALL BE INSPECTED EVERY SEVEN (7) DAYS AND AFTER EVERY STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR THROUGH OUT THE DURATION OF THE CONTRACT. REPAIRS SHALL BE MADE AS NEEDED WHEN DAMAGE TO THE MEASURES HAVE BEEN DISCOVERED AND SEDIMENT SHALL BE REMOVED WHEN THE STORAGE VOLUME OF AN EROSION CONTROL MEASURE IS REACHING ONE HALF OF ITS INTENDED CAPACITY OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED PER ITEM 652.30 MAINTENANCE OF EPSC PLAN.

F. IDENTIFICATION, BASIC QUALIFICATIONS, AND CONTACT NUMBER FOR ON-SITE PLAN COORDINATOR:

THE ON-SITE EROSION PREVENTION AND SEDIMENT CONTROL PLAN COORDINATOR FOR THIS PROJECT SHALL BE DETERMINED PRIOR TO ANY CONSTRUCTION ACTIVITIES.

GENERAL NOTES FOR EROSION PREVENTION AND SEDIMENT CONTROL

1. THE EROSION PREVENTION & SEDIMENT CONTROL PLANS (EPSC) ARE MEANT AS A GUIDELINE FOR PREVENTING EROSION AND CONTROLLING SEDIMENT AS REQUIRED BY THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011 AND THE VERMONT AGENCY OF NATURAL RESOURCES (ANR) STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION AND SEDIMENT CONTROL. THE WORK OUTLINED IN THESE NOTES CONSISTS OF APPLYING MEASURES THROUGHOUT THE LIFE OF THE PROJECT TO CONTROL EROSION AND MINIMIZE THE SEDIMENTATION OF RIVERS, STREAMS AND/OR IMPOUNDMENTS SUCH AS LAKES AND RESERVOIRS. THE MEASURES CONSIST OF STABILIZATION AND STRUCTURAL PRACTICES, STORM WATER CONTROLS AND OTHER MISCELLANEOUS POLLUTION PREVENTION CONTROLS.

2. THE PERMITTEE SHALL AMEND THIS PLAN PRIOR TO IMPLEMENTING ANY CHANGES IN THE DESIGN, CONSTRUCTION, OPERATION OR OTHER PROCEDURE WHICH WOULD SIGNIFICANTLY INCREASE THE RISK OF EROSION AND THE DISCHARGE OF SEDIMENT TO WATERS OF THE STATE OR IF THE PLAN PROVES TO BE INEFFECTIVE IN PREVENTING EROSION AND CONTROLLING THE DISCHARGE OF SEDIMENT OR DOES NOT MEET THE MINIMUM REQUIREMENTS OF THE PERMIT. CHANGES IN THE PROJECT SCHEDULE THAT SIGNIFICANTLY INCREASE THE LENGTH OF EXPOSURE OF SOILS OR THAT REDUCE THE ISOLATION DISTANCE BETWEEN DISTURBANCE AREAS AND STATE WATERS ARE INCLUDED IN THIS CATEGORY. THE AMENDED PORTIONS OF THE PLAN SHALL BE FILED WITH THE ANR ALONG WITH AN EXPLANATION OF THE REASONS FOR THE CHANGES. IF BORROW OR SPOIL AREAS ARE TO BE USED THAT WERE NOT INCLUDED IN THE ORIGINAL PLAN, A PLAN AMENDMENT IS REQUIRED BEFORE USE OF SUCH AREAS; THIS APPLIES EVEN IF THE AREAS ARE OFF SITE, EXCEPT FOR BORROW AREAS THAT ARE OPERATING UNDER A 10 V.S.A. CHAPTER 151 ("ACT 250") PERMIT. THE REQUIREMENT TO FILE THE AMENDED PLAN IS NOT INTENDED TO DELAY THE IMPLEMENTATION OF REASONABLE AND EFFECTIVE STEPS TO CONTROL EROSION DUE TO UNFORESEEN CIRCUMSTANCES, WHERE INACTION WOULD SIGNIFICANTLY DEGRADE WATER QUALITY.

3. COORDINATE THE INSTALLATION, USE, AND REMOVAL OF EROSION PREVENTION AND SEDIMENT CONTROL MEASURES WITH ROADWAY CONSTRUCTION ACTIVITIES TO ASSURE ECOLOGICAL, EFFECTIVE, AND CONTINUOUS EROSION AND SEDIMENT CONTROL. EMPLOY TEMPORARY STABILIZATION PRACTICES IN INCREMENTAL STAGES AS CONSTRUCTION PROCEEDS.

4. INSPECTION OF SOIL EROSION AND POLLUTION CONTROL MEASURES, SHALL BE DONE EVERY SEVEN (7) DAYS AND AFTER EVERY STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. REPAIRS SHALL BE MADE AS NEEDED WHEN DAMAGE TO MEASURES ARE DISCOVERED AND SEDIMENT SHALL BE REMOVED WHEN THE STORAGE VOLUME OF AN EROSION CONTROL MEASURE IS APPROACHING ONE HALF OF ITS INTENDED CAPACITY OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

5. INSTALL ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES AS SHOWN IN THE EPSC PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. DO NOT MODIFY THE TYPE, SIZE, OR LOCATION OF ANY CONTROL OR PRACTICE WITHOUT APPROVAL FROM THE ON-SITE PLAN COORDINATOR.

6. ALL AREAS OF DISTURBANCE MUST HAVE TEMPORARY STABILIZATION WITHIN 7 DAYS OF INITIAL DISTURBANCE. AFTER THIS TIME, ANY DISTURBANCE IN THE AREA MUST BE STABILIZED AT THE END OF EACH WORK DAY. THE FOLLOWING EXCEPTIONS APPLY:
   - STABILIZATION IS NOT REQUIRED IF WORK IS TO CONTINUE IN THE AREA WITHIN THE NEXT 24 HOURS AND THERE IS NO PRECIPITATION FORECAST FOR THE NEXT 24 HOURS.
   - STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION (I.E. NO OUTLET) WITH A DEPTH OF 2 FEET OR GREATER (E.G. HOUSE FOUNDATION EXCAVATION, UTILITY TRENCHES).

   FOR PERMANENT STABILIZATION, AREAS THAT REACH FINAL GRADE MUST BE SEEDED AND MULCHED WITHIN 48 HOURS OF REACHING FINAL GRADE.

   THERE SHALL BE NO MORE THAN 5 ACRES OF CONCURRENT EARTH DISTURBANCE AT ANYTIME, EXCLUDING AREAS WITH TEMPORARY STABILIZATION.

7. THE CONTRACTOR SHALL MONITOR THE WATER QUALITY OF ENGLESBY BROOK & POTASH BROOK UPSTREAM AND DOWNSTREAM OF THE CONSTRUCTION AREA AFTER EVERY STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. ALL CONSTRUCTION ACTIVITIES SHALL CEASE IF A DIFFERENCE OF 10 NTU'S IS MEASURED AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR DAMAGE AND REPAIRED AS NECESSARY. IF ADDITIONAL EROSION PREVENTION & SEDIMENT CONTROL MEASURES ARE REQUIRED AS DIRECTED BY THE ON-SITE PLAN COORDINATOR THEY SHALL BE INSTALLED PER THIS PLAN AND PAID FOR UNDER THEIR RESPECTIVE ITEMS.

8. THE CONTRACTOR SHALL STORE ALL MATERIALS IN ANY OF THE PROPOSED STAGING AREAS, WITH A MAXIMUM SLOPE OF 1-2 FOR ALL STOCKPILES AND THEY SHALL BE PROTECTED WITH ALL NECESSARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

9. THE CONTRACTOR SHALL GRADE AND TRIM ALL SLOPES AS THE EXCAVATION PROGRESSES AND SEED ALL SLOPES AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

10. THE CONTRACTOR SHALL HAVE A HYDROSEEDER AND/OR A MULCHING MACHINE AVAILABLE ON THE PROJECT SITE OR AVAILABLE AT ONE WEEK'S NOTICE (MAXIMUM) UNTIL THE PERMANENT SEEDING IS COMPLETED.

11. WHERE STONE FILL IS SHOWN AT STREAM LOCATIONS IT SHALL BE PLACED CONCURRENT WITH EXCAVATION/FILLING OPERATIONS.

12. SILT FENCE SHALL BE INSTALLED IN FILL AREAS PRIOR TO COMMENCING FILL OPERATIONS.

13. THE ON-SITE PLAN COORDINATOR FOR THE DURATION OF THE PROJECT SHALL BE DETERMINED PRIOR TO ANY CONSTRUCTION ACTIVITIES.

GENERAL NOTES FOR EROSION PREVENTION AND SEDIMENT CONTROL CONT.

14. THE LIMIT OF SOIL DISTURBANCE TYPICALLY CORRESPONDS TO 10 FEET BEYOND THE TOE OF SLOPE OR TOP OF CUT AS IT IS SHOWN ON THE PLANS. IN AREAS WHERE THE CURRENT PHASE CONSTRUCTION DOES NOT INVOLVE EARTHWORK, THE LIMIT OF DISTURBANCE IS ASSUMED TO BE THE HATCHING LIMIT AS IT IS SHOWN ON THE PLANS.

15. CONTROL ONLY SEDIMENT LADEN RUNOFF GENERATED BY THE PROJECT SITE. SEPARATE AND QUICKLY ROUTE CLEAN OFFSITE RUNOFF THROUGH THE PROJECT BY USING EARTH DIVERSION BERMS, DIVERSION CHANNELS, AND CULVERTS. A TEMPORARY LINING MATERIAL MAY BE REQUIRED WHERE THE CONTRACTOR PROVIDES TEMPORARY CHANNELS TO KEEP CONTRACTOR'S WORK SITES FREE FROM WATER DURING CONSTRUCTION AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

16. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO THE WATERS OF THE UNITED STATES FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR THE WATERS OF THE UNITED STATES. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO THE WATERS OF THE UNITED STATES ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH WOULD CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM THE WATERS OF THE UNITED STATES, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM TO PROTECT AND MAINTAIN STREAM WATER QUALITY.

17. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF THE UNITED STATES, NOR SHALL WASHING FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLANDS OR WATERS OF THE UNITED STATES.

18. THE CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE WHEREEVER CONSTRUCTION EQUIPMENT IS ANTICIPATED TO ENTER AND EXIT THE CONSTRUCTION AREAS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

19. DO NOT DRIVE CONSTRUCTION EQUIPMENT ACROSS FLOWING WATERWAYS.

20. DO NOT ALLOW CONSTRUCTION VEHICLES TO TRACK SEDIMENT OFFSITE OF THE PROJECT LIMITS.

21. DO NOT ALLOW ANY CONSTRUCTION EQUIPMENT TO ACCESS OR OPERATE ON THE DOWN SLOPE SIDE OF PERIMETER CONTROL MEASURES.

22. DO NOT ALLOW ANY CROSSING OF A FLOWING STREAM OR DISTURBANCE OF THE EXISTING STREAM BANK BY CONSTRUCTION EQUIPMENT, EXCEPT AS AUTHORIZED BY THE ON-SITE PLAN COORDINATOR.

23. IN GENERAL, PRESERVE EXISTING VEGETATION, TREES, AND SHRUBS WHEN POSSIBLE, AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

24. ADDITIONAL CONTROLS AND PROTECTION OF THE ENVIRONMENT NOT SHOWN ON THE PLANS MAY BE WARRANTED DURING CONSTRUCTION AND SHALL BE INCORPORATED INTO THE PROJECT AS REQUIRED AND DIRECTED BY THE ON-SITE PLAN COORDINATOR.

25. STAGING AREAS LOCATED ON EXISTING GROUND SHALL BE ESTABLISHED ON STABILIZED CRUSHED STONE.

26. ROLLED EROSION CONTROL MATTING SHALL BE NATURAL FIBER.

WINTER STABILIZATION.

IF CONSTRUCTION ACTIVITIES INVOLVING EARTH DISTURBANCE CONTINUE PAST OCTOBER 15 OR BEGIN BEFORE APRIL 15, THE FOLLOWING MUST BE INCORPORATED INTO THE EPSC PLAN:

1. ENLARGED ACCESS POINTS, STABILIZED TO PROVIDE FOR SNOW STOCKPILING.
2. LIMITS OF DISTURBANCE MOVED OR REPLACED TO REFLECT BOUNDARY OF WINTER WORK.
3. A SNOW MANAGEMENT PLAN INCLUDING ADEQUATE STORAGE AND CONTROL OF SNOWMELT, REQUIRING CLEARED SNOW TO BE STORED DOWN GRADIENT OF ALL AREAS OF DISTURBANCE AND PROHIBITING STORAGE OF SNOW IN STORMWATER TREATMENT STRUCTURES.
4. A MINIMUM 25 FOOT BUFFER SHALL BE MAINTAINED FROM PERIMETER CONTROLS SUCH AS SILT FENCE TO ALLOW FOR SNOW CLEARING AND MAINTENANCE.
5. IN AREAS OF DISTURBANCE WITHIN 100 FEET OF A RECEIVING WATER, SILT FENCE SHALL BE REINFORCED OR ELSE REPLACED WITH PERIMETER DIKES, SWALES, OR OTHER PRACTICES RESISTANT TO THE FORCES OF SNOW LOADS.
6. DRAINAGE STRUCTURES SHALL BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS.
7. THE CONTRACTOR SHALL INSTALL SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE AHEAD OF GROUND FREEZING.
8. WHERE MULCH IS THE SELECTED STABILIZATION MEASURE, USE DOUBLE THE STANDARD RATE OF MULCH.
9. THE REQUIREMENT FOR NETTING OR OTHER APPROACH TO ANCHOR MULCH TO PREVENT REMOVAL BY WIND.
10. TO ENSURE COVER OF DISTURBED SOIL IN ADVACE OF A MELT EVENT, AREAS OF DISTURBED SOIL MUST BE STABILIZED AT THE END OF EACH WORK DAY, WITH THE FOLLOWING EXCEPTIONS:
    a. IF NO PRECIPITATION WITHIN 24 HOURS IS FORECAST AND WORK WILL RESUME IN THE SAME DISTURBED AREA WITHIN 24 HOURS, DAILY STABILIZATION IS NOT NECESSARY.
    b. DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS HOUSE FOUNDATIONS OR OPEN UTILITY TRENCHES.
11. REMOVE SNOW OR ICE TO LESS THAN 1 INCH THICKNESS PRIOR TO STABILIZATION.

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DATE/TIME = 2/17/2016
USER = 4916

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078ecn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
EPSC GENERAL NOTES SHEET 2 (ECN-2)	SHEET 106 OF 339

CONSTRUCTION SEQUENCING

PHASE 1- JUNE 2018 - FEBRUARY 2019

1. INSTALL ALL PERIMETER CONTROLS PRIOR TO BEGINNING ANY WORK AND INSTALL ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES NEEDED WITHIN THE PHASE 1CONSTRUCTION LIMITS.
2. INSTALL PROPOSED TRAFFIC SIGNALS ALONG PINE STREET AT THE INTERSECTIONS OF MAPLE STREET, KING STREET, AND MAIN STREET.
3. BOX WIDEN AND INSTALL PROPOSED SIDEWALK AND SHARED-USE PATH AS SHOWN IN THE PLANS.
4. ALL SLOPES SHALL BE STABILIZED IN ACCORDANCE WITH GENERAL NOTE #6 OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
5. COLD PLANE AND PAVE PINE STREET AS SHOWN IN THE PLANS.
6. REMOVE ALL UNNECESSARY TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES INCLUDING PERIMETER CONTROLS AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

PHASE 2 - JUNE 2018 - FEBRUARY 2019

1. INSTALL ALL PERIMETER CONTROLS PRIOR TO BEGINNING ANY WORK AND INSTALL ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES NEEDED WITHIN THE PHASE 2 CONSTRUCTION LIMITS.
2. CONSTRUCT THE PERMANENT LAKESIDE SAND FILTER AND ALL PROPOSED DRAINAGE STRUCTURES AND PIPES LOCATED WITHIN THIS PHASE OF CONSTRUCTION. AREAS UPGRADIENT OF THE LAKESIDE SAND FILTER SHOULD BE STABILIZED PRIOR TO THE INSTALLATION OF THE FILTER MATERIAL. INSTALL ALL NECESSARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES TO PROTECT THE PERMANENT FEATURES AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
3. REMOVE ALL UNNECESSARY TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES INCLUDING PERIMETER CONTROLS AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

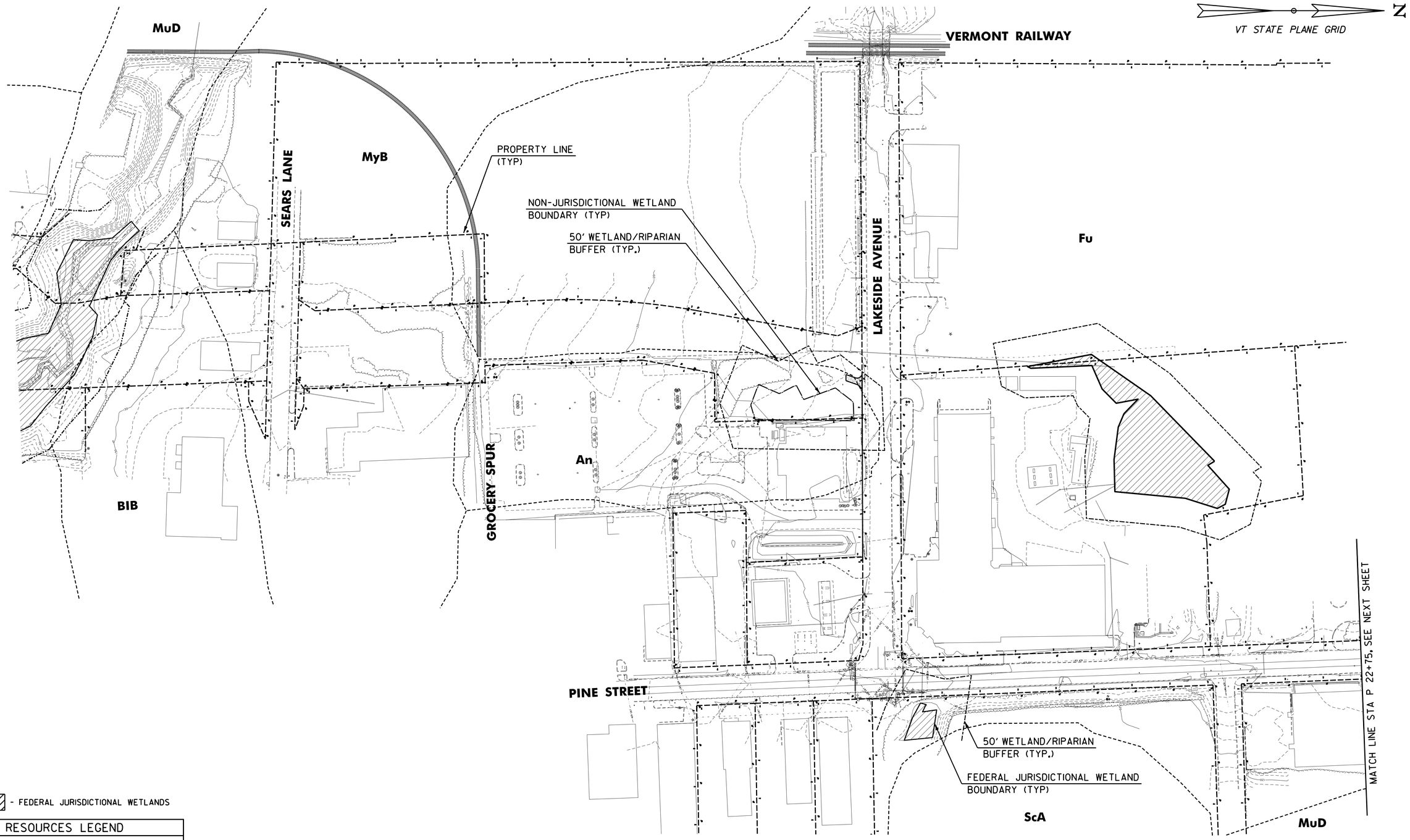
CONSTRUCTION SEQUENCING CONT.

PHASE 3 - MARCH 2019 - JULY 2019

1. INSTALL ALL PERIMETER CONTROLS PRIOR TO BEGINNING ANY WORK AND INSTALL ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES NEEDED WITHIN THE PHASE 3 CONSTRUCTION LIMITS.
2. CONSTRUCT THE PROPOSED DRAINAGE STRUCTURES AND PIPES LOCATED WITHIN THIS PHASE OF CONSTRUCTION. INSTALL ALL NECESSARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES TO PROTECT THE PERMANENT FEATURES AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
3. CONSTRUCT INTERSECTION OF CHAMPLAIN PARKWAY AND LAKESIDE AVENUE WITHIN THE LIMITS OF THIS PHASE OF CONSTRUCTION. ALL SLOPES SHALL BE STABILIZED IN ACCORDANCE WITH GENERAL NOTE #6, THE VERMONT STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION AND SEDIMENT CONTROL, OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
4. REMOVE ALL UNNECESSARY TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES INCLUDING PERIMETER CONTROLS AS DIRECTED BY THE ON-SITE PROJECT COORDINATOR.

PHASE 4 - JULY 2019 - OCTOBER 2019

1. INSTALL ALL PERIMETER CONTROLS PRIOR TO BEGINNING ANY WORK AND INSTALL ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES NEEDED WITHIN THE PHASE 4 CONSTRUCTION LIMITS.
2. CONSTRUCT THE PROPOSED DRAINAGE STRUCTURES AND PIPES LOCATED WITHIN THIS PHASE OF CONSTRUCTION. INSTALL ALL NECESSARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES TO PROTECT THE PERMANENT FEATURES AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
3. RECONSTRUCT LAKESIDE AVENUE AS SHOWN IN THE PLANS. ALL SLOPES SHALL BE STABILIZED IN ACCORDANCE WITH GENERAL NOTE #6, THE VERMONT STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION AND SEDIMENT CONTROL, OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
4. REMOVE ALL UNNECESSARY TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES INCLUDING PERIMETER CONTROLS AS DIRECTED BY THE ON-SITE PROJECT COORDINATOR.
5. THE CONTRACTOR SHALL REMOVE ALL UNNECESSARY EXCESS MATERIALS FROM WITHIN THE ENTIRE CHAMPLAIN PARKWAY SECTION C/6 PROJECT AREA AND DISPOSE OF THEM AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.
6. THE CONTRACTOR SHALL PLACE THE TOP COURSE OF PAVEMENT ON THE ENTIRE CHAMPLAIN PARKWAY SECTION C/6 AND ANY OF THE SIDE LINES BEING RECONSTRUCTED. ALL OTHER MISCELLANEOUS ITEMS SHALL BE COMPLETED AS SHOWN IN THE CONTRACT PLANS.
7. THE CONTRACTOR SHALL REMOVE ALL REMAINING TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES INCLUDING PERIMETER CONTROLS ONCE ALL AREAS HAVE BEEN STABILIZED AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.



- FEDERAL JURISDICTIONAL WETLANDS

RESOURCES LEGEND	
----------	SOILS BOUNDARY
——▲——	WETLANDS
-·-·-·-·-	50' RIPARIAN/WETLAND BUFFER ZONE
(XX)	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

NOTE:

1. SEE DWG'S S-1 AND S-2 FOR SOIL MAP DETAILS.

0 80 160
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdreroex_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC EXISTING CONDITIONS SHEET 1 (EXP-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 108 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdreroex.c6.dgn
DATE/TIME =2/17/2016
USER =4916

VT STATE PLANE GRID

N

PROPERTY LINE (TYP)

Fu

MALTEX DRIVEWAY

PINE STREET SPUR

PINE STREET

MATCH LINE STA P 22+75, SEE PREVIOUS SHEET

MATCH LINE STA P 46+25, SEE NEXT SHEET

MuD

ScA

ScA

ScA

HOWARD STREET

ScB

MARBLE AVENUE

PINE PLACE

LEGEND

- ROADWAY OPEN TO TRAFFIC
- TEMPORARY CONSTRUCTION
- PERMANENT CONSTRUCTION THIS PHASE
- EXISTING OR TEMPORARY ROADWAYS TO BE REMOVED
- ITEM 621.90 TEMPORARY TRAFFIC BARRIER
- TYPE III BARRICADE

RESOURCES LEGEND

- SOILS BOUNDARY
- WETLANDS
- 50' RIPARIAN/WETLAND BUFFER ZONE
- XX SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 80 160

SCALE IN FEET

CHA

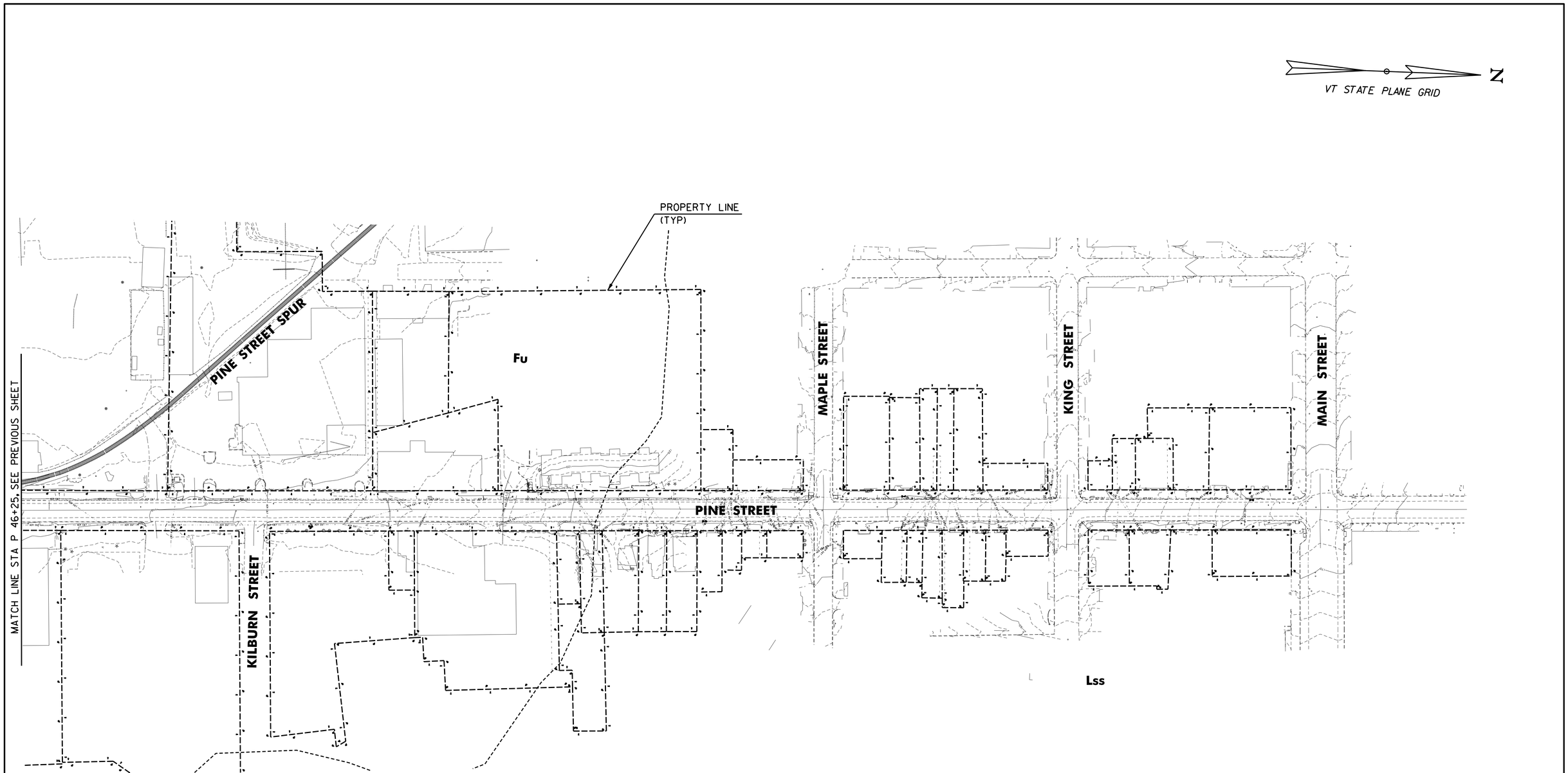
PROJECT NAME: CHAMPLAIN PARKWAY

PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdreroex_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC EXISTING CONDITIONS SHEET 2 (EXP-2)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 109 OF 339

FILE NAME =U:\8658\870078\Consultants\z87d078bdreroex.c6.dgn
DATE/TIME =2/17/2016
USER =4916



RESOURCES LEGEND	
----------	SOILS BOUNDARY
—▲—	WETLANDS
-·-·-·-	50' RIPARIAN/WETLAND BUFFER ZONE
(XX)	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 80 160
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdreroex_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC EXISTING CONDITIONS SHEET 3 (EXP-3)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 110 OF 339

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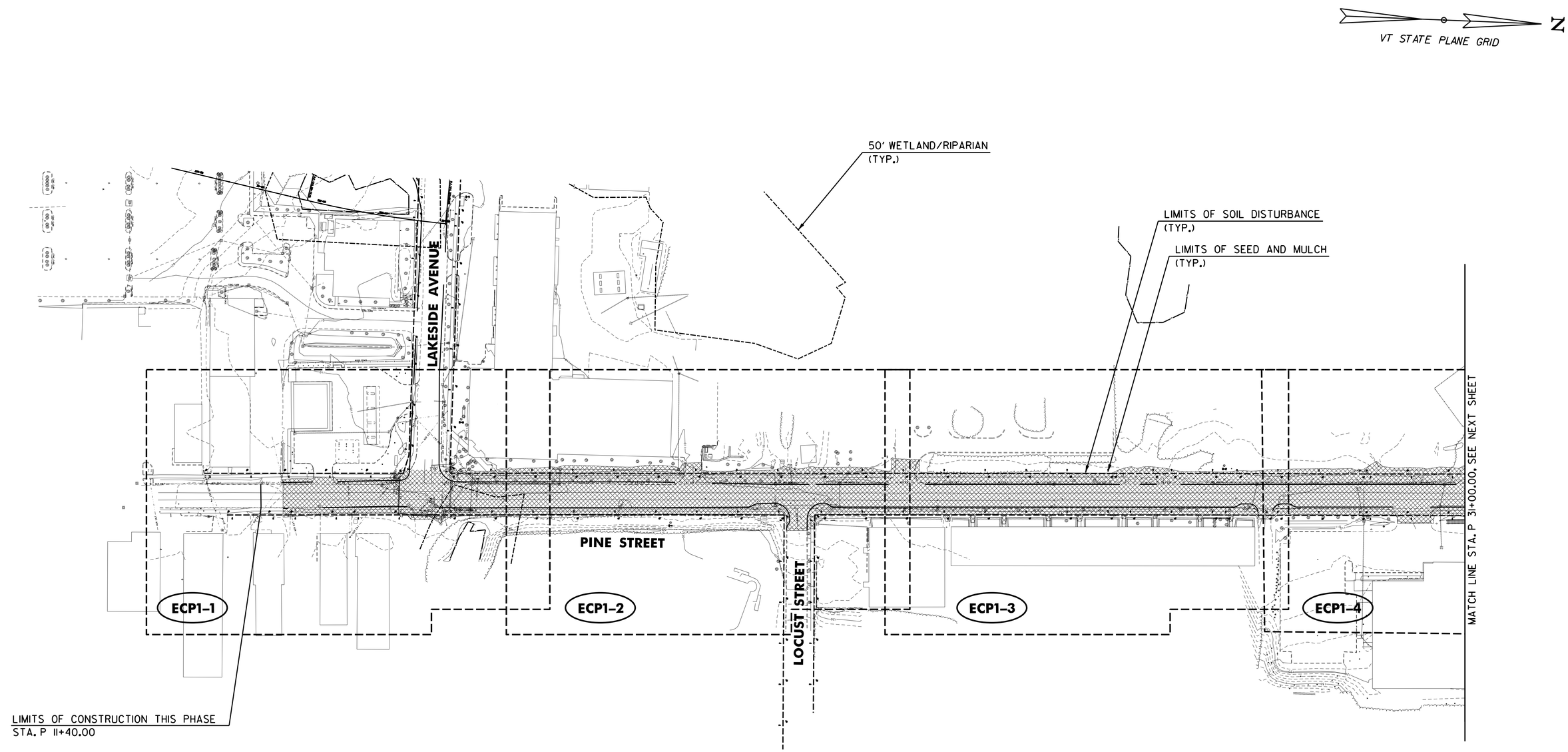
DATE/TIME =2/17/2016
USER =4916



NOTE:

1. SEE DWG ECK2A-1 FOR CONSTRUCTION STAGING AREA LOCATION.

CONSTRUCTION SEQUENCES		
PHASE	SCHEDULE	DISTURBANCE AREA (ACRES)
		SOIL DISTURBANCE
1	JUNE 2018 - FEBRUARY 2019	4.4

- CURRENT PHASE CONSTRUCTION

0 80 160
SCALE IN FEET

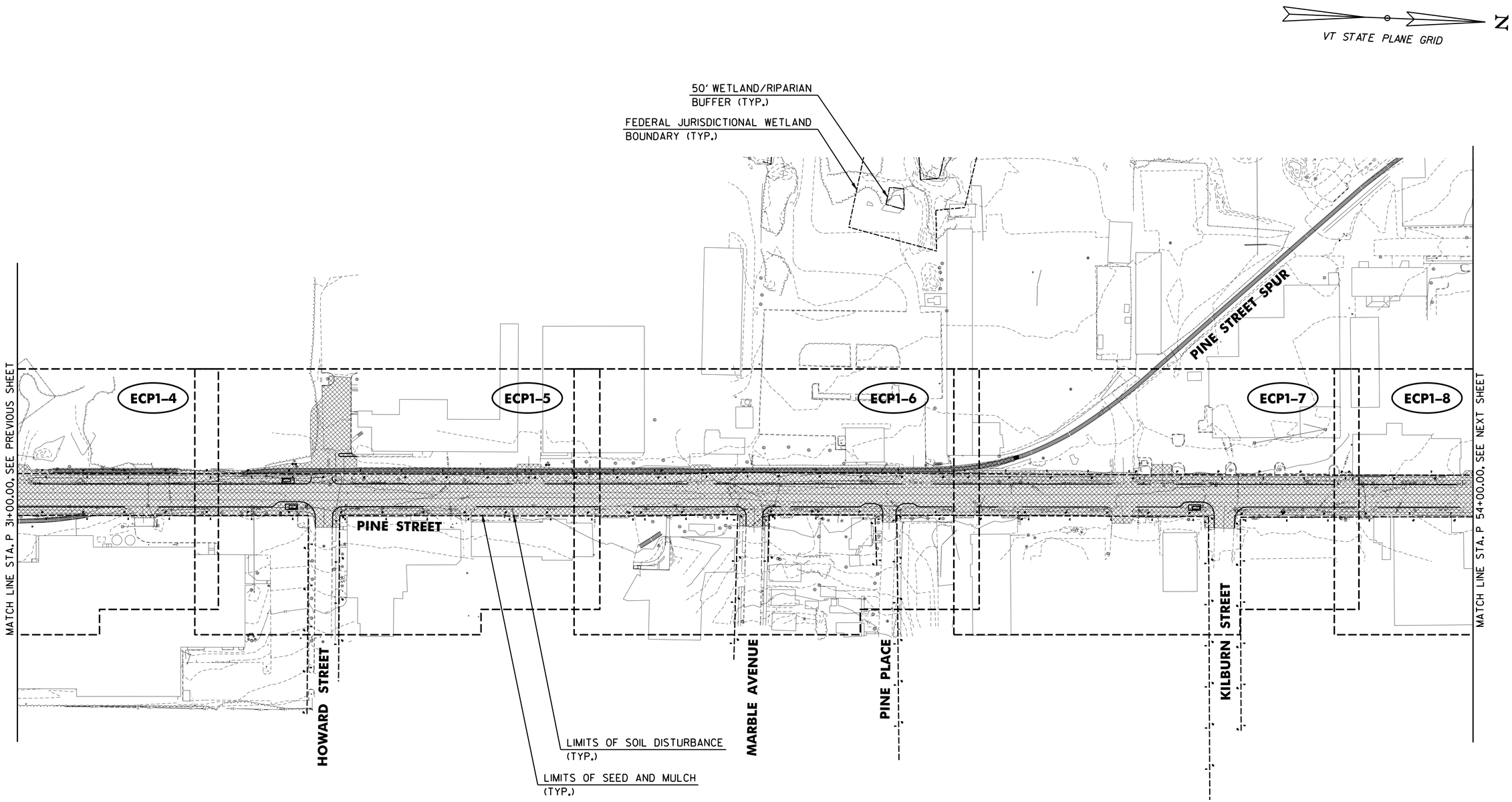
CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdreckeyl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN SEQUENCING PHASE 1 SHEET 1 (ECK1-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 111 OF 339

FILE NAME =U:\8655\870078\Consultants\z87d078bdreckeyl_c6.dgn
DATE/TIME = 2/17/2016
USER = 4916



- CURRENT PHASE CONSTRUCTION

0 80 160
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdreckeyl_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
EPSC PLAN SEQUENCING PHASE 1 SHEET 2 (ECK1-2)	SHEET 112 OF 339

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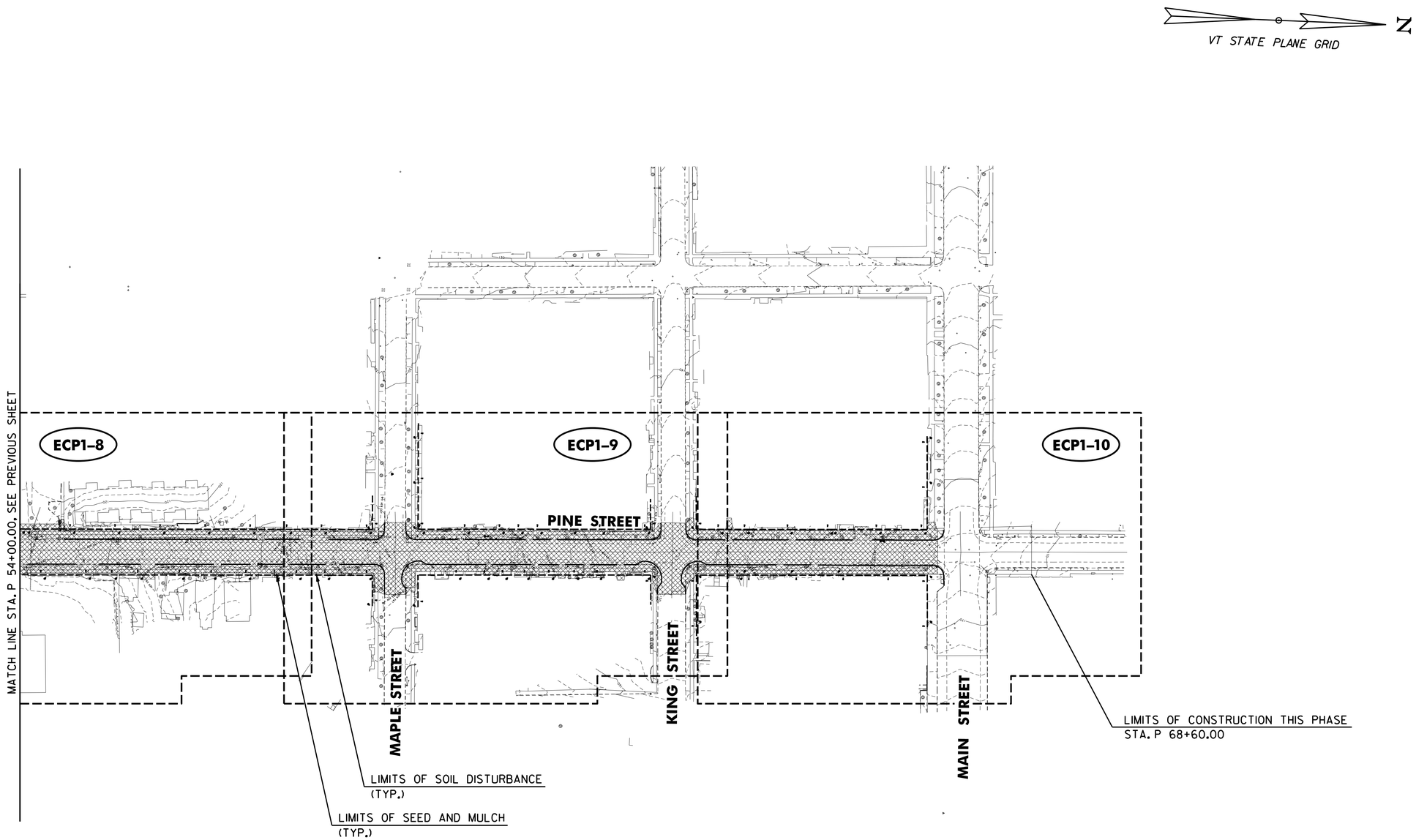
DATE/TIME =2/17/2016
USER =4916



- CURRENT PHASE CONSTRUCTION

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SCALE IN FEET

CHA

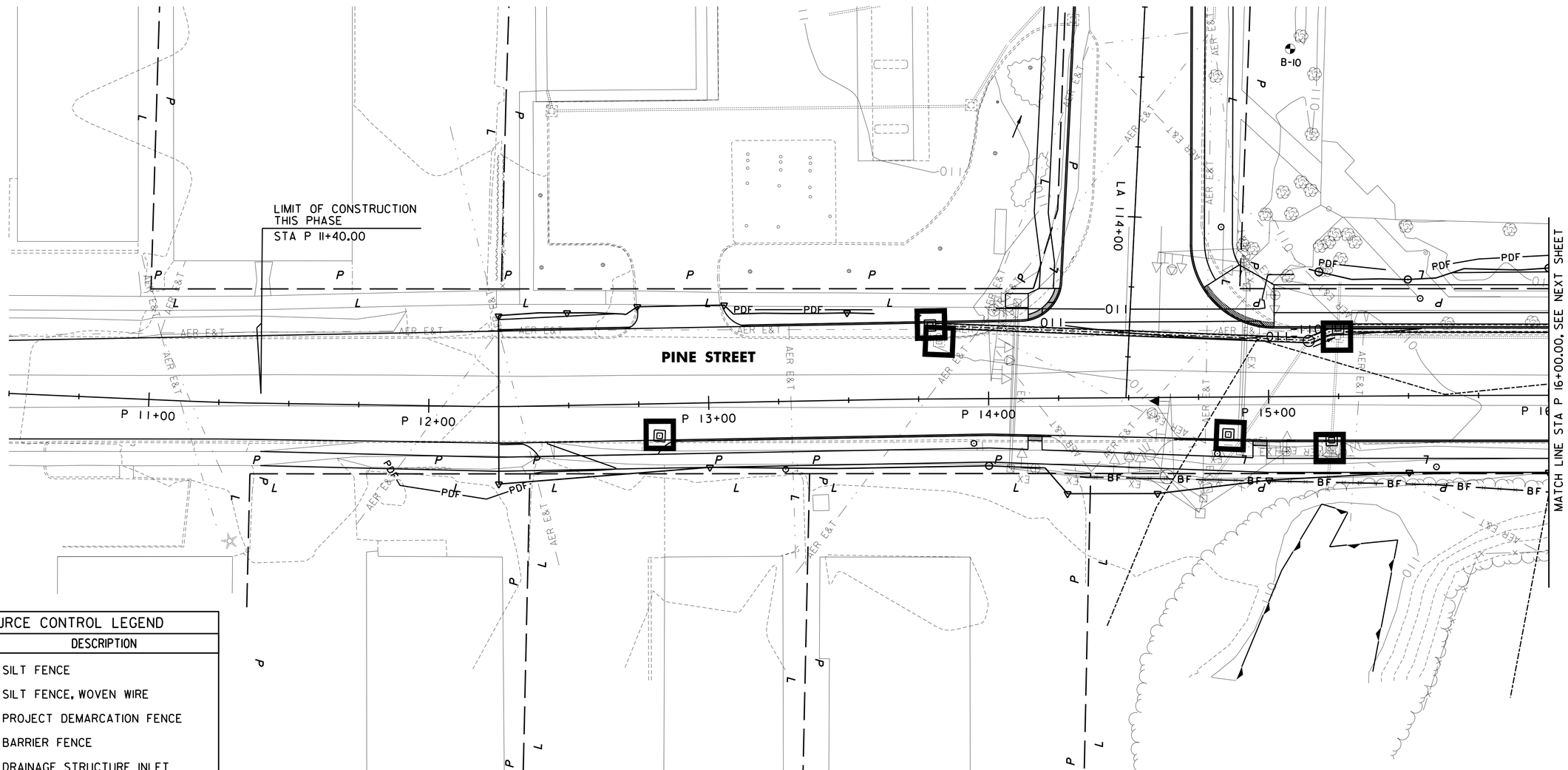
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdreckeyl_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
EPSC PLAN SEQUENCING PHASE I SHEET 3 (ECKI-3)	SHEET 113 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdreckeyl_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.41 INLET PROTECTION DEVICE, TYPE II
STA P 12+82.0 RT
STA P 13+79.0 RT
STA P 13+83.0 LT
STA P 14+86.0 RT
STA P 15+22.0 RT
STA P 15+25.0 LT

653.50 BARRIER FENCE
STA P 14+32.0 - STA 16+00.0 RT (168 LF)

653.55 PROJECT DEMARCATION FENCE
STA P 11+84.0 - STA P 12+36.0 RT (59 LF)
STA P 13+09.0 - STA P 13+60.0 LT (51 LF)
STA P 15+18.0 - STA P 15+42.0 LT (25 LF)
STA P 15+58.0 - STA P 16+00.0 LT (43 LF)



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
PDF	PROJECT DEMARCATION FENCE
BF	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
PD	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrecl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE I SHEET I (ECPI-I)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 114 OF 339

FILE NAME =U:\8658\870078\Consultants\z87d078bdrecl.c6.dgn
DATE/TIME =2/17/2016
USER =4916

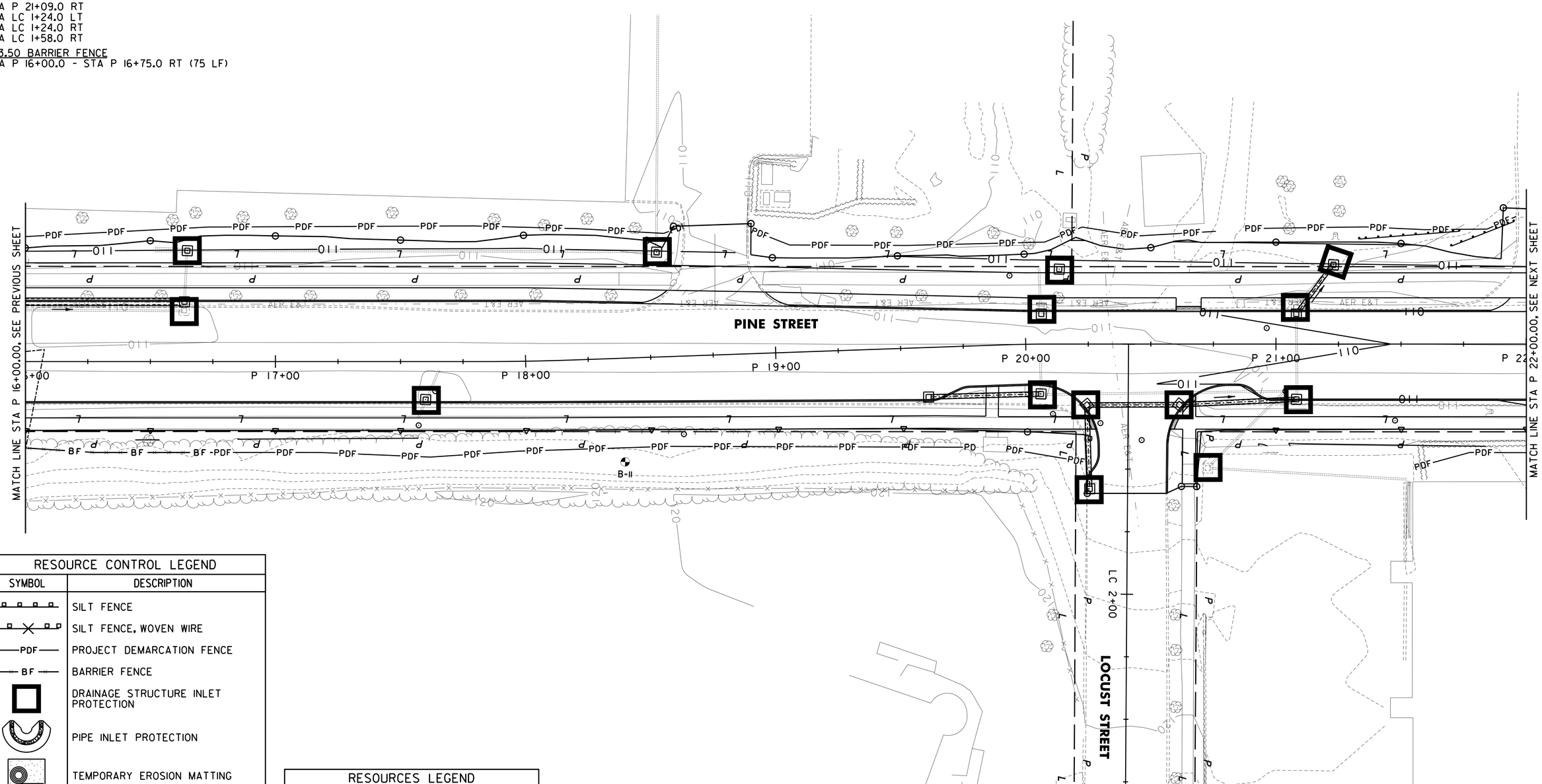
653.40 INLET PROTECTION DEVICE, TYPE I
STA P 16+65.0 LT
STA P 18+52.0 LT
STA P 20+73.0 RT
STA P 21+24.0 LT

653.41 INLET PROTECTION DEVICE, TYPE II
STA P 16+64.0 LT
STA P 17+60.0 RT
STA P 20+06.0 LT
STA P 20+06.0 RT
STA P 20+13.0 LT
STA P 21+08.0 LT
STA P 21+09.0 RT
STA LC 1+24.0 LT
STA LC 1+24.0 RT
STA LC 1+58.0 RT

653.50 BARRIER FENCE
STA P 16+00.0 - STA P 16+75.0 RT (75 LF)

653.55 PROJECT DEMARCATION FENCE
STA P 16+00.0 - STA P 18+63.0 LT (265 LF)
STA P 16+75.0 - STA P 19+82.0 RT (305 LF)
STA P 18+90.0 - STA P 20+76.0 LT (189 LF)
STA P 19+92.0 - STA P 20+24.0 RT (33 LF)
STA P 20+87.0 - STA P 21+96.0 LT (110 LF)
STA P 21+55.0 - STA P 22+00.0 RT (47 LF)

649.51 GEOTEXTILE FOR SILT FENCE
STA P 21+33.0 - STA P 21+73.0 LT (12 SY)
STA P 21+70.0 - STA P 21+95.0 LT (8 SY)



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
PDF	PROJECT DEMARCATION FENCE
BF	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
PD	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

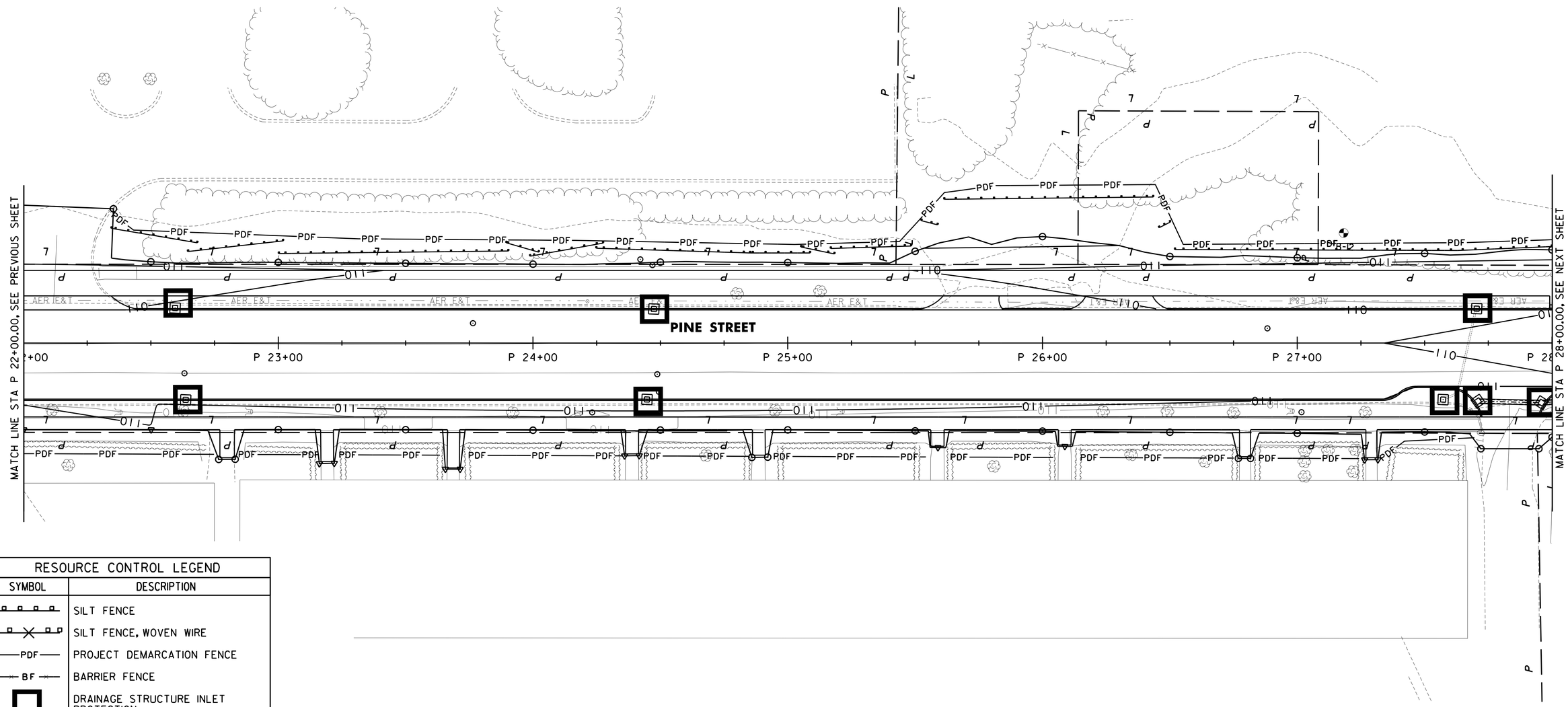
FILE NAME: z87d078bdrecl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE I SHEET 2 (ECPI-2)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 115 OF 339

FILE NAME =U:\865R\870078\Consultants\z87d078bdrecl_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.41 INLET PROTECTION DEVICE, TYPE II
STA P 22+61.0 LT
STA P 22+64.0 RT
STA P 24+45.0 RT
STA P 24+47.0 LT
STA P 27+58.0 RT
STA P 27+70.0 LT
STA P 27+71.0 RT
STA P 27+96.0 RT

653.55 PROJECT DEMARCATION FENCE
STA P 22+00.0 - STA P 22+74.0 RT (74 LF)
STA P 22+34.0 - STA P 28+00.0 LT (591 LF)
STA P 22+84.0 - STA P 23+16.0 RT (32 LF)
STA P 23+23.0 - STA P 23+63.0 RT (40 LF)
STA P 23+74.0 - STA P 24+35.0 RT (60 LF)
STA P 24+43.0 - STA P 24+84.0 RT (42 LF)
STA P 24+94.0 - STA P 25+54.0 RT (50 LF)
STA P 25+63.0 - STA P 26+04.0 RT (41LF)
STA P 26+14.0 - STA P 26+75.0 RT (61LF)
STA P 26+84.0 - STA P 27+24.0 RT (40 LF)
STA P 27+32.0 - STA P 27+69.0 RT (39 LF)

649.51 GEOTEXTILE FOR SILT FENCE
STA P 22+34.0 - STA P 22+68.0 LT (10 SY)
STA P 22+65.0 - STA P 23+02.0 LT (11 SY)
STA P 23+00.0 - STA P 23+90.0 LT (27 SY)
STA P 23+89.0 - STA P 24+02.0 LT (4 SY)
STA P 23+99.0 - STA P 24+27.0 LT (8 SY)
STA P 24+25.0 - STA P 25+09.0 LT (25 SY)
STA P 25+05.0 - STA P 25+18.0 LT (4 SY)
STA P 25+17.0 - STA P 25+48.0 LT (9 SY)
STA P 25+52.0 - STA P 25+59.0 LT (2 SY)
STA P 25+61.0 - STA P 26+43.0 LT (24 SY)
STA P 26+46.0 - STA P 26+50.0 LT (1SY)
STA P 26+52.0 - STA P 28+00.0 LT (44 SY)



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
PDF	PROJECT DEMARCATION FENCE
BF	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
PD	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

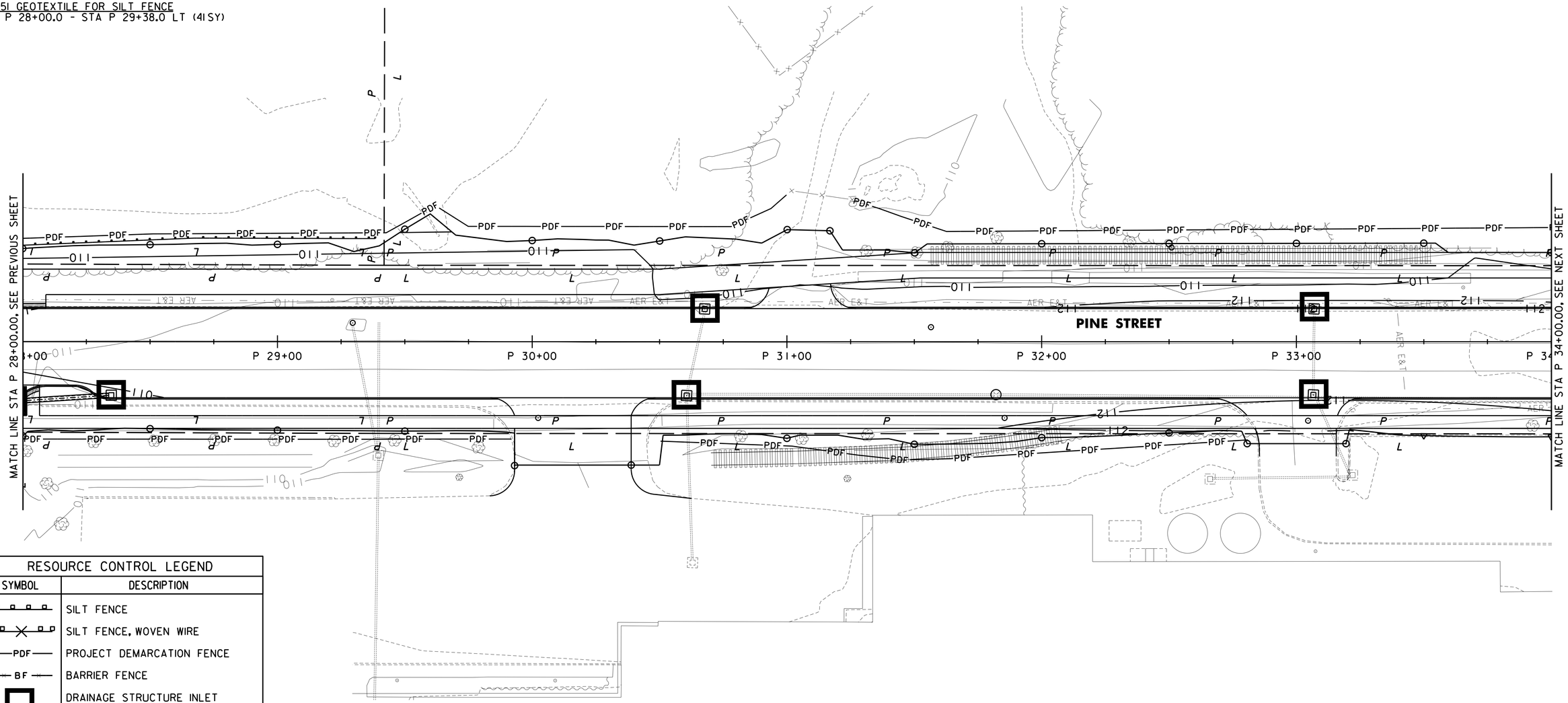
FILE NAME: z87d078bdrecl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE I SHEET 3 (ECPI-3)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 116 OF 339

FILE NAME =U:\9659\870078\Consultants\z87d078bdrecl_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.41 INLET PROTECTION DEVICE, TYPE II
STA P 28+35.0 RT
STA P 30+61.0 RT
STA P 30+68.0 LT
STA P 33+07.0 RT
STA P 33+07.0 LT

653.55 PROJECT DEMARCATION FENCE
STA P 28+00.0 - STA P 29+92.0 RT (191 LF)
STA P 28+00.0 - STA P 31+01.0 LT (310 LF)
STA P 30+50.0 - STA P 32+81.0 RT (231 LF)
STA P 31+26.0 - STA P 34+00.0 LT (291 LF)

649.51 GEOTEXTILE FOR SILT FENCE
STA P 28+00.0 - STA P 29+38.0 LT (41 SY)



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
—PDF—	PROJECT DEMARCATION FENCE
—BF—	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
—PD—	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

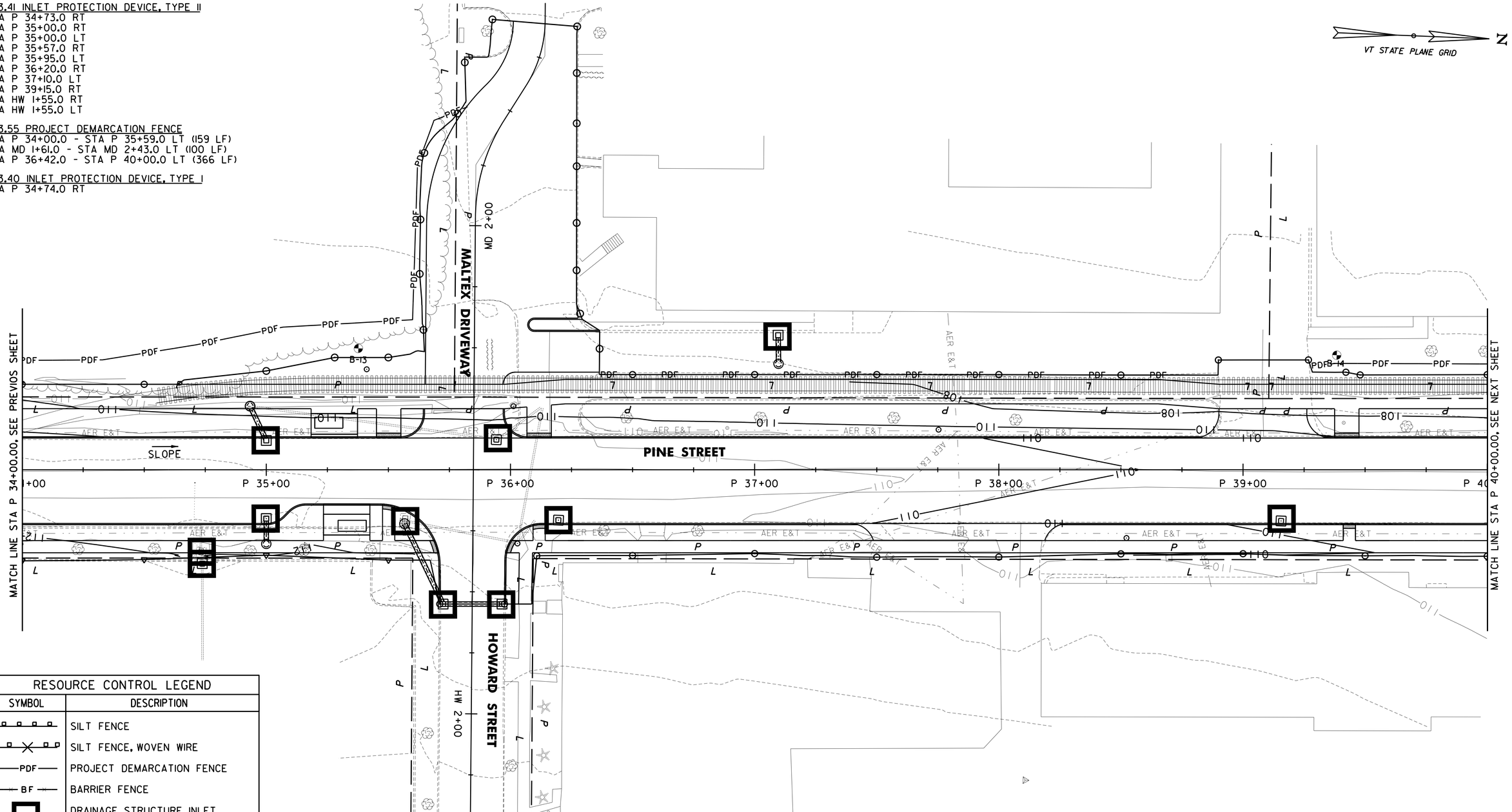
FILE NAME: z87d078bdrecl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE I SHEET 4 (ECPI-4)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 117 OF 339

FILE NAME =U:\86659\870878\Consultants\z87d078bdrecl_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.41 INLET PROTECTION DEVICE, TYPE II
STA P 34+73.0 RT
STA P 35+00.0 RT
STA P 35+00.0 LT
STA P 35+57.0 RT
STA P 35+95.0 LT
STA P 36+20.0 RT
STA P 37+10.0 LT
STA P 39+15.0 RT
STA HW 1+55.0 RT
STA HW 1+55.0 LT

653.55 PROJECT DEMARCATION FENCE
STA P 34+00.0 - STA P 35+59.0 LT (159 LF)
STA MD 1+61.0 - STA MD 2+43.0 LT (100 LF)
STA P 36+42.0 - STA P 40+00.0 LT (366 LF)

653.40 INLET PROTECTION DEVICE, TYPE I
STA P 34+74.0 RT



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
PDF	PROJECT DEMARCATION FENCE
BF	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
PD	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

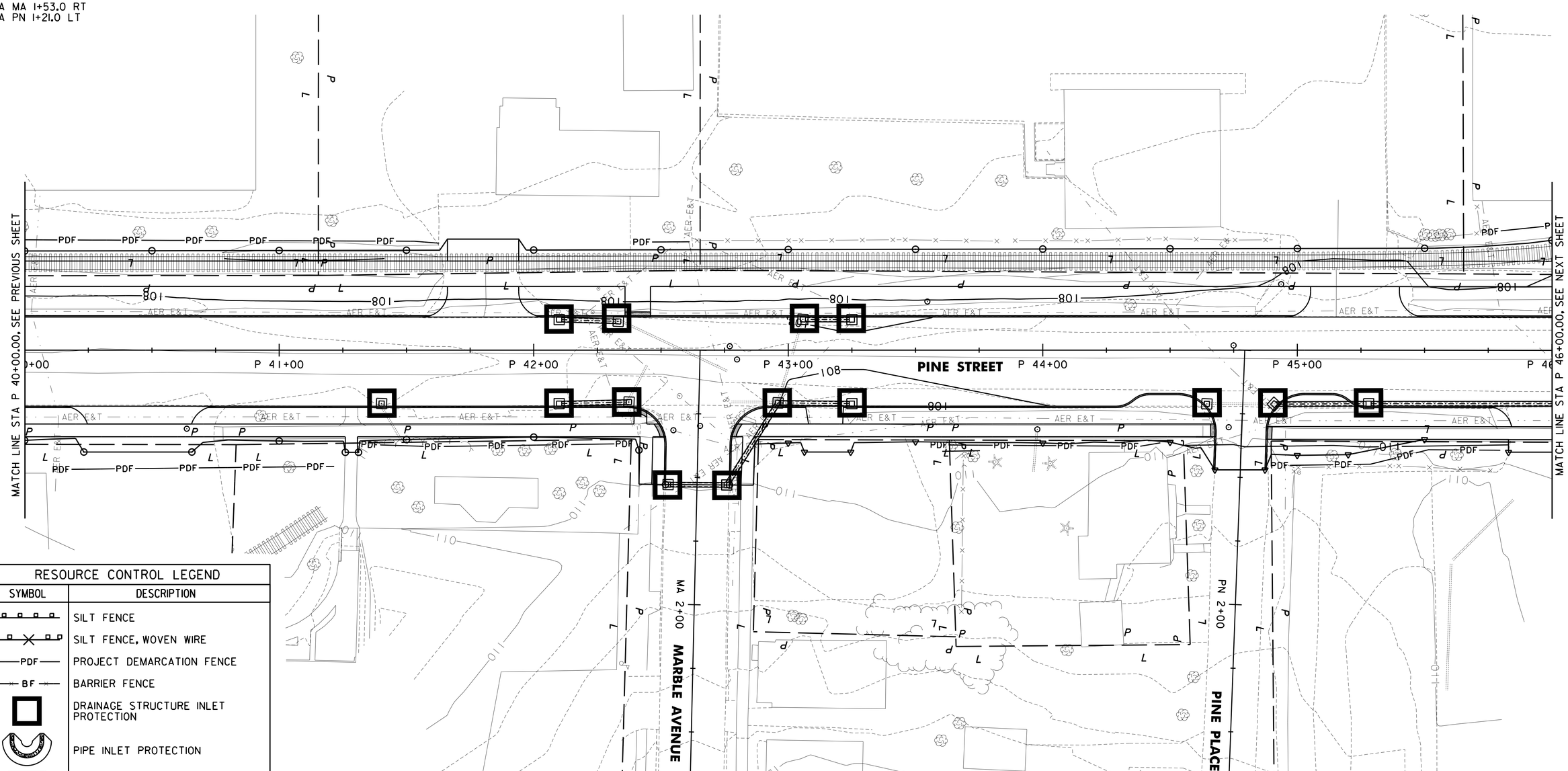
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrecl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE I SHEET 5 (ECPI-5)
PLOT DATE: 2/18/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 118 OF 339

FILE NAME =U:\86591\870078\Consultants\z87d078bdrecl_c6.dgn
DATE/TIME =2/18/2016
USER =4916

653.41 INLET PROTECTION DEVICE, TYPE II
STA P 41+40.0 RT
STA P 42+10.0 RT
STA P 42+10.0 LT
STA P 42+33.0 LT
STA P 42+37.0 RT
STA P 42+96.0 RT
STA P 43+06.0 LT
STA P 43+25.0 LT
STA P 43+25.0 RT
STA P 44+64.0 RT
STA P 45+28.0 RT
STA MA 1+53.0 LT
STA MA 1+53.0 RT
STA PN 1+21.0 LT

653.55 PROJECT DEMARCATION FENCE
STA P 40+00.0 - STA P 41+63.0 LT (163 LF)
STA P 40+10.0 - STA P 41+21.0 RT (111 LF)
STA P 41+32.0 - STA P 42+40.0 RT (108 LF)
STA P 42+38.0 - STA P 42+61.0 LT (23 LF)
STA P 43+55.0 - STA P 44+46.0 RT (91 LF)
STA P 44+89.0 - STA P 45+80.0 RT (91 LF)
STA P 45+72.0 - STA P 46+00.0 LT (28 LF)



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
—PDF—	PROJECT DEMARCATION FENCE
—BF—	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
—PD—	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

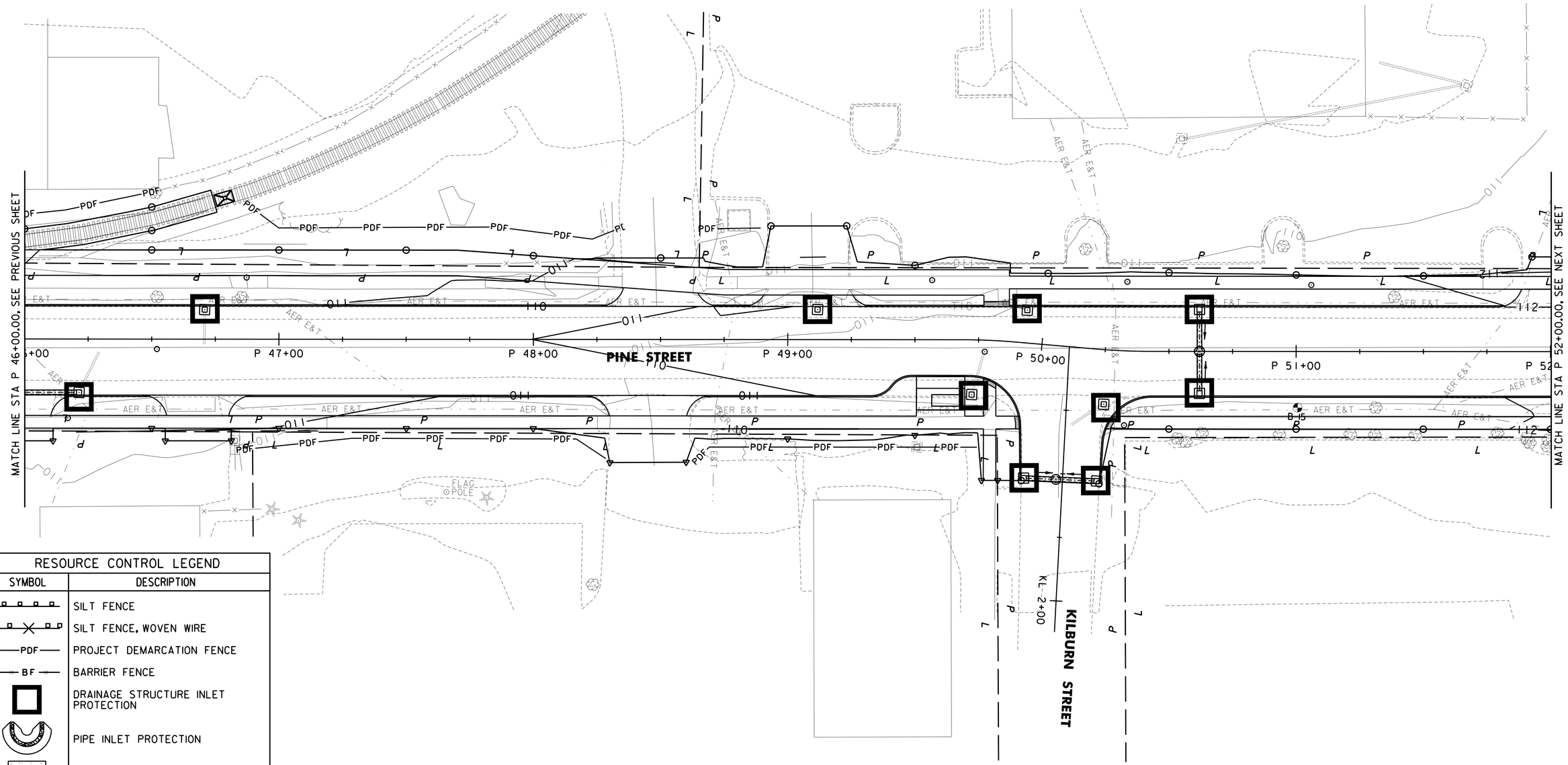
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrecl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE I SHEET 6 (ECPI-6)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 119 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078bdrecl_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.41 INLET PROTECTION DEVICE, TYPE II
STA P 46+22.0 RT
STA P 46+71.0 LT
STA P 49+12.0 LT
STA P 49+73.0 RT
STA P 49+94.0 LT
STA P 50+25.0 RT
STA P 50+62.0 RT
STA P 50+62.0 LT
STA KL 1+55.0 RT
STA KL 1+55.0 LT

653.55 PROJECT DEMARCATION FENCE
STA P 46+00.0 - STA P 46+53.0 LT (53 LF)
STA P 46+87.0 - STA P 48+36.0 LT (160 LF)
STA P 46+83.0 - STA P 48+28.0 RT (148 LF)
STA P 48+64.0 - STA P 48+91.0 LT (27 LF)
STA P 48+63.0 - STA P 49+74.0 RT (114 LF)



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
PDF	PROJECT DEMARCATION FENCE
BF	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
PD	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

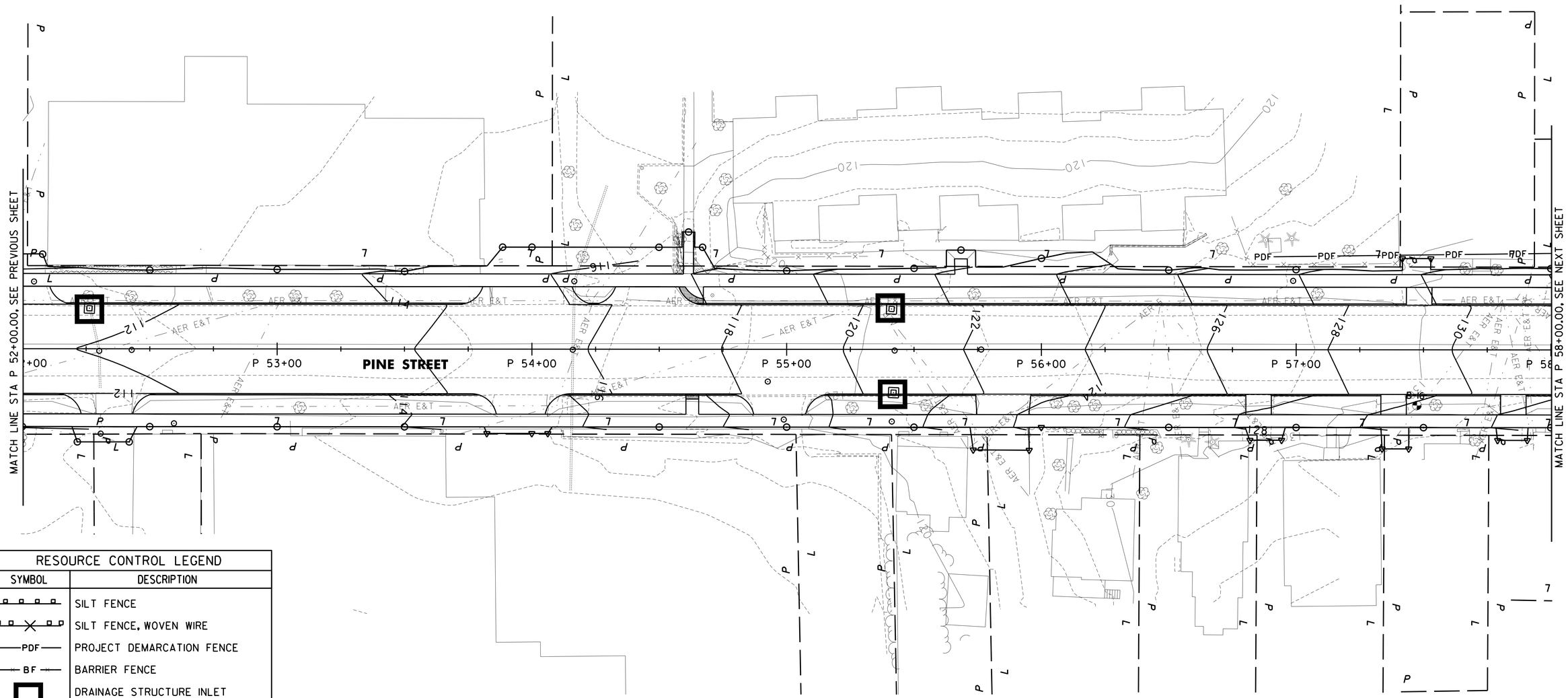
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrecl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE I SHEET 7 (ECPI-7)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 120 OF 339

FILE NAME =U:\865R\870078\Consultants\z87d078bdrecl_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.41 INLET PROTECTION DEVICE, TYPE II
STA P 52+26.0 LT
STA P 55+40.0 LT
STA P 55+42.0 RT

653.55 PROJECT DEMARCATION FENCE
STA P 56+83.0 - STA P 58+00.0 LT (117 LF)



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
—PDF—	PROJECT DEMARCATION FENCE
—BF—	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
—PD—	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

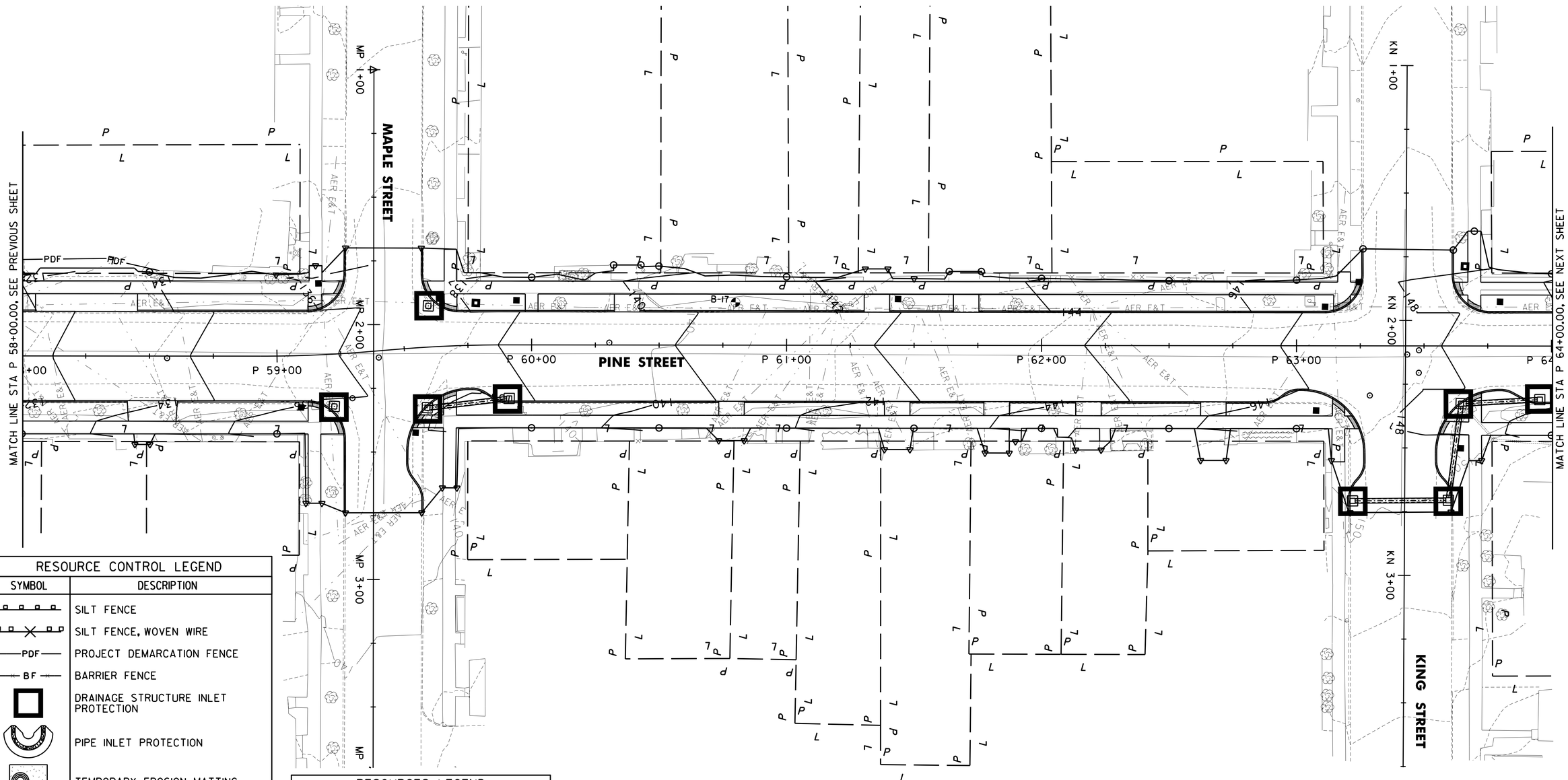
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrecl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE I SHEET 8 (ECPI-8)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 121 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdrecl_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.41 INLET PROTECTION DEVICE, TYPE II
STA P 59+22.0 RT
STA P 59+59.0 RT
STA P 59+59.0 LT
STA P 59+91.0 RT
STA P 63+63.0 RT
STA P 63+95.0 RT
STA KN 2+71.0 RT
STA KN 2+72.0 LT

653.55 PROJECT DEMARCATION FENCE
STA P 58+00.0 - STA P 58+54.0 LT (54 LF)



RESOURCE CONTROL LEGEND

SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
—PDF—	PROJECT DEMARCATION FENCE
—BF—	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
—PD—	PERIMETER DIKE OR SWALE

RESOURCES LEGEND

----------	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
(XX)	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

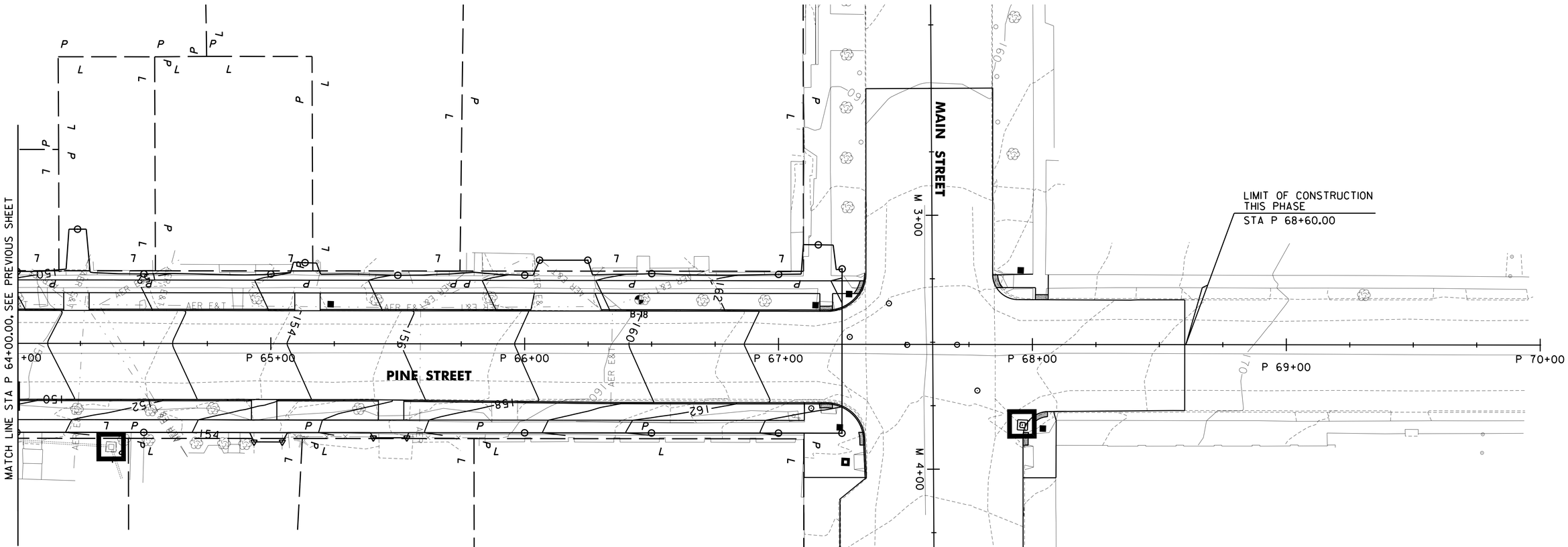
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrecl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE I SHEET 9 (ECPI-9)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 122 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdrecl_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.41 INLET PROTECTION DEVICE, TYPE II
STA P 67+96.0 RT

653.40 INLET PROTECTION DEVICE, TYPE I
STA P 64+37.0 RT



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
—PDF—	PROJECT DEMARCATION FENCE
—BF—	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
—PD—	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

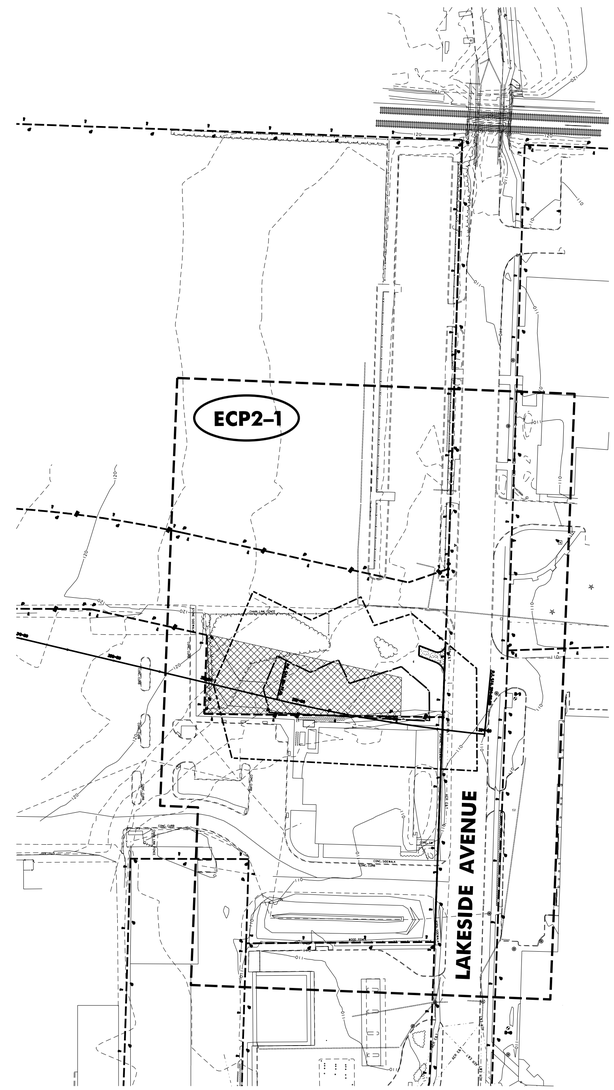
FILE NAME: z87d078bdrecl_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE I SHEET 10 (ECPI-10)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 123 OF 339

FILE NAME =U:\86558\870078\Consultants\z87d078bdrecl_c6.dgn
DATE/TIME =2/17/2016
USER =4916

VT STATE PLANE GRID

N



CONSTRUCTION SEQUENCES		
PHASE	SCHEDULE	DISTURBANCE AREA (ACRES)
		SOIL DISTURBANCE
2	JUNE 2018 - FEBRUARY 2019	0.3

- CURRENT PHASE CONSTRUCTION

0 80 160
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdreckey2_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN SEQUENCING PHASE 2 (ECK2-1)

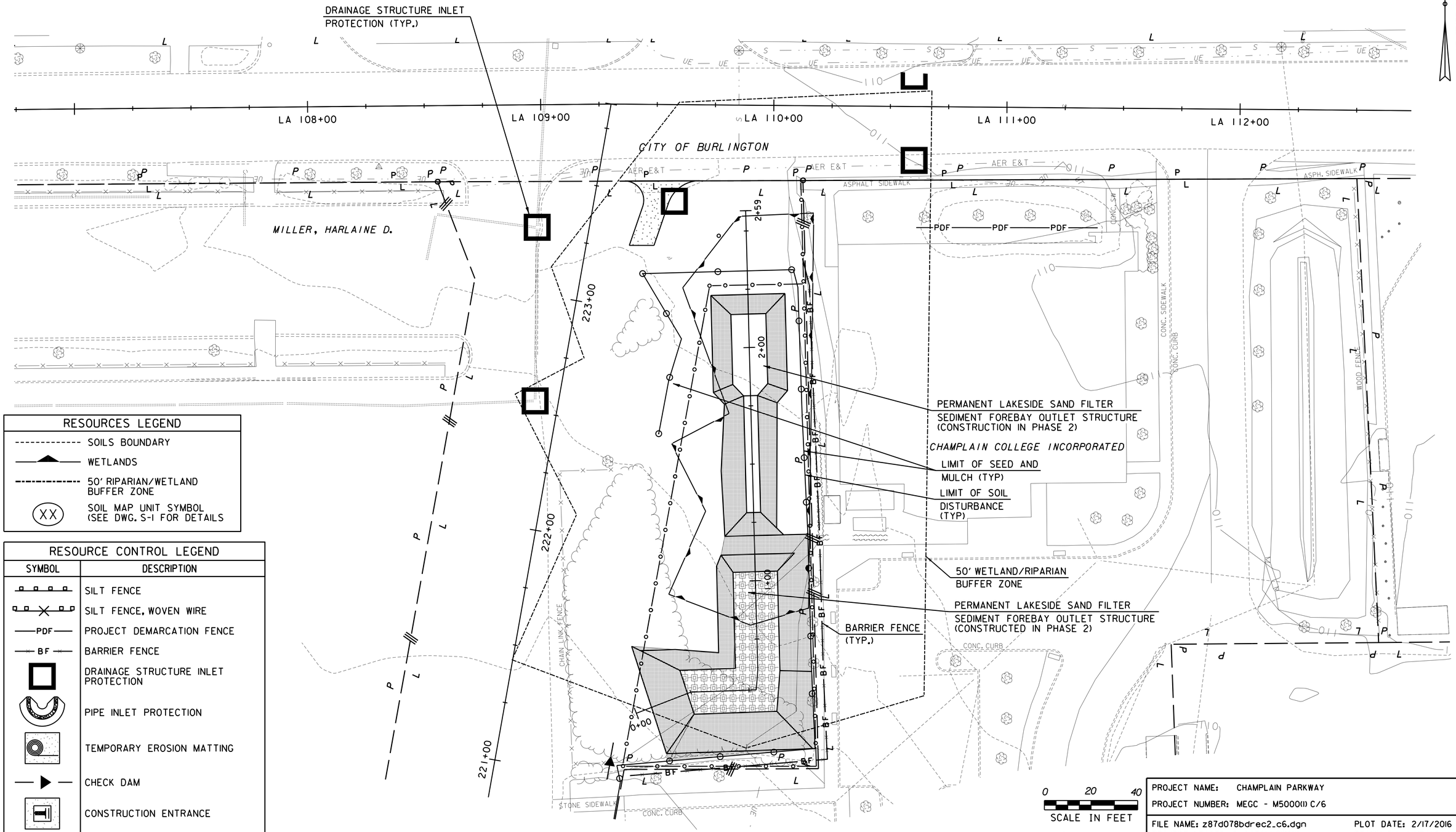
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 124 OF 339

FILE NAME =U:\9659\870078\Consultants\z87d078bdreckey2_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.41 INLET PROTECTION, TYPE II
STA 222+55.0 LT
STA 223+28.0 LT

653.25 TEMPORARY STONE CHECK DAM, TYPE I
STA 221+08.0 RT

653.50 BARRIER FENCE
STA 220+75.0 - STA 223+25.0 RT (323 LF)



RESOURCES LEGEND

- SOILS BOUNDARY
- WETLANDS
- 50' RIPARIAN/WETLAND BUFFER ZONE
- (XX) SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

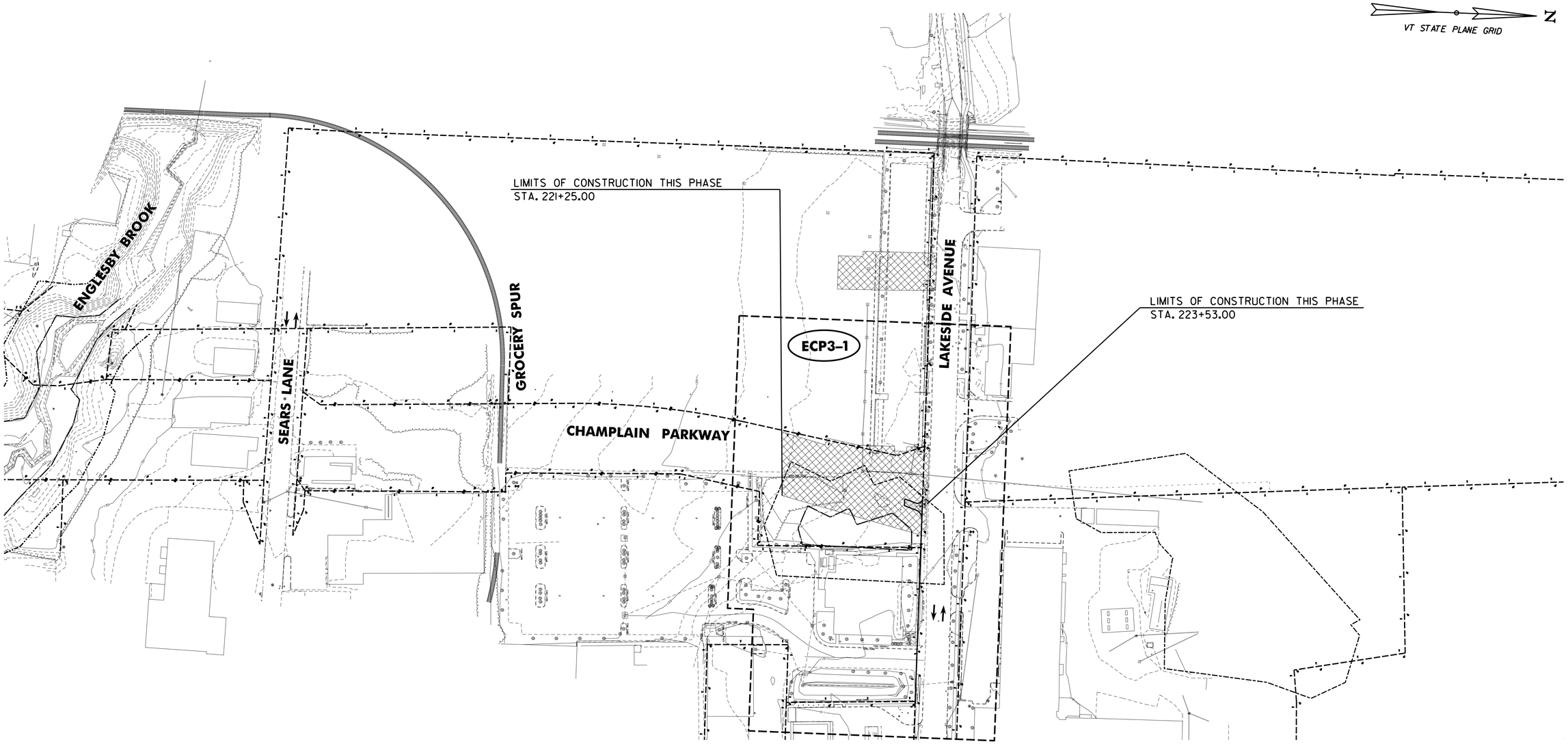
RESOURCE CONTROL LEGEND

SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
—PDF—	PROJECT DEMARCATION FENCE
—BF—	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
—PD—	PERIMETER DIKE OR SWALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrec2_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
EPSC PLAN DETAIL PHASE 2 (ECP2-1)	SHEET 125 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdrec2.c6.dgn
DATE/TIME =2/17/2016
USER =4916



CONSTRUCTION SEQUENCES		
PHASE	SCHEDULE	DISTURBANCE AREA (ACRES)
		SOIL DISTURBANCE
3	MARCH 2019 - JULY 2019	0.2

- CURRENT PHASE CONSTRUCTION

0 80 160
SCALE IN FEET

CHA

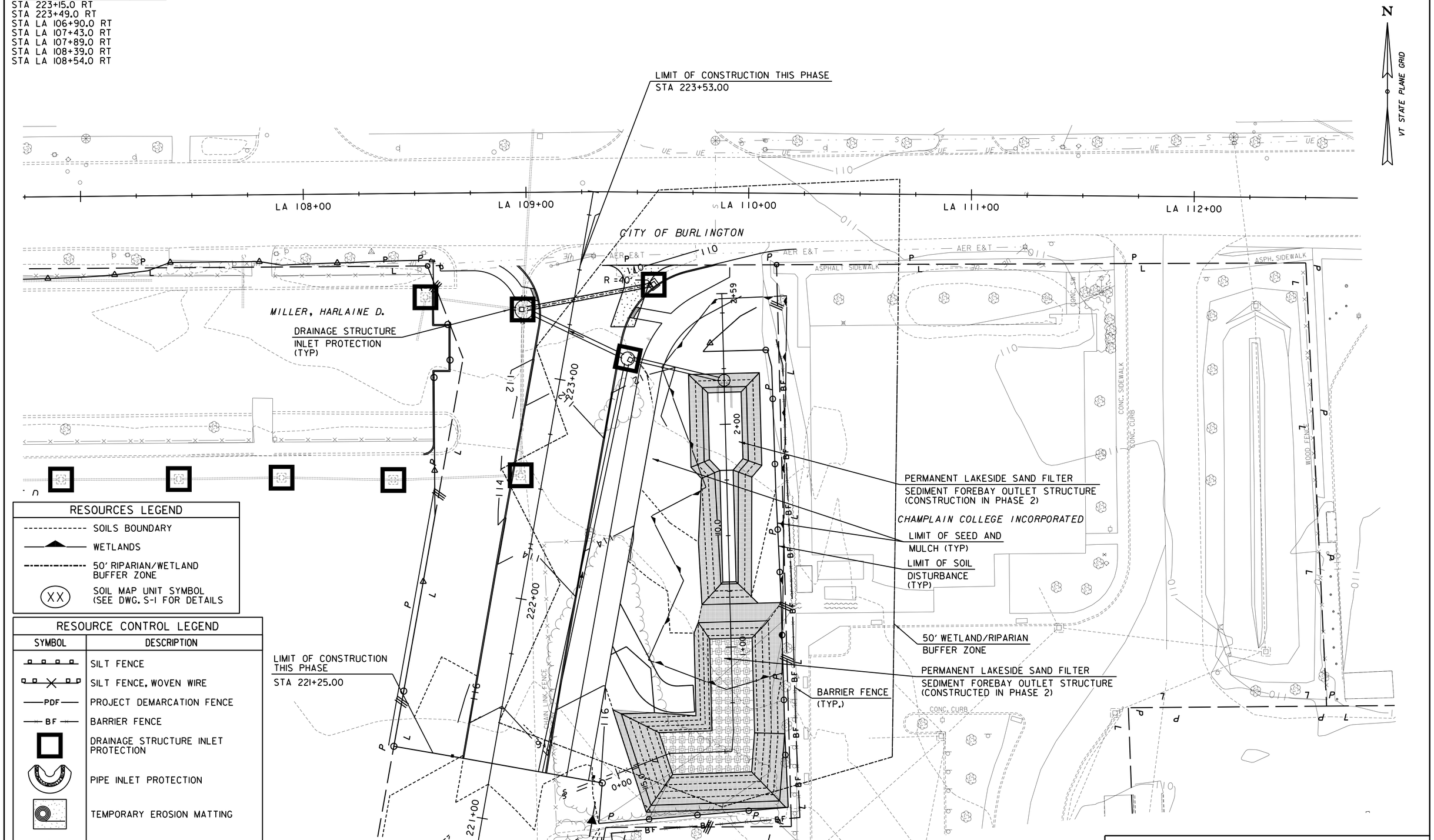
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdreckey3_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN SEQUENCING PHASE 3 (ECK3-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 126 OF 339

FILE NAME =U:\855\870078\Consultants\z87d078bdreckey3_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.41 INLET PROTECTION, TYPE II
STA 223+15.0 RT
STA 223+49.0 RT
STA LA 106+90.0 RT
STA LA 107+43.0 RT
STA LA 107+89.0 RT
STA LA 108+39.0 RT
STA LA 108+54.0 RT



RESOURCES LEGEND

- SOILS BOUNDARY
- WETLANDS
- 50' RIPARIAN/WETLAND BUFFER ZONE
- XX — SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

RESOURCE CONTROL LEGEND

SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
—PDF—	PROJECT DEMARCATION FENCE
—BF—	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
—PD—	PERIMETER DIKE OR SWALE

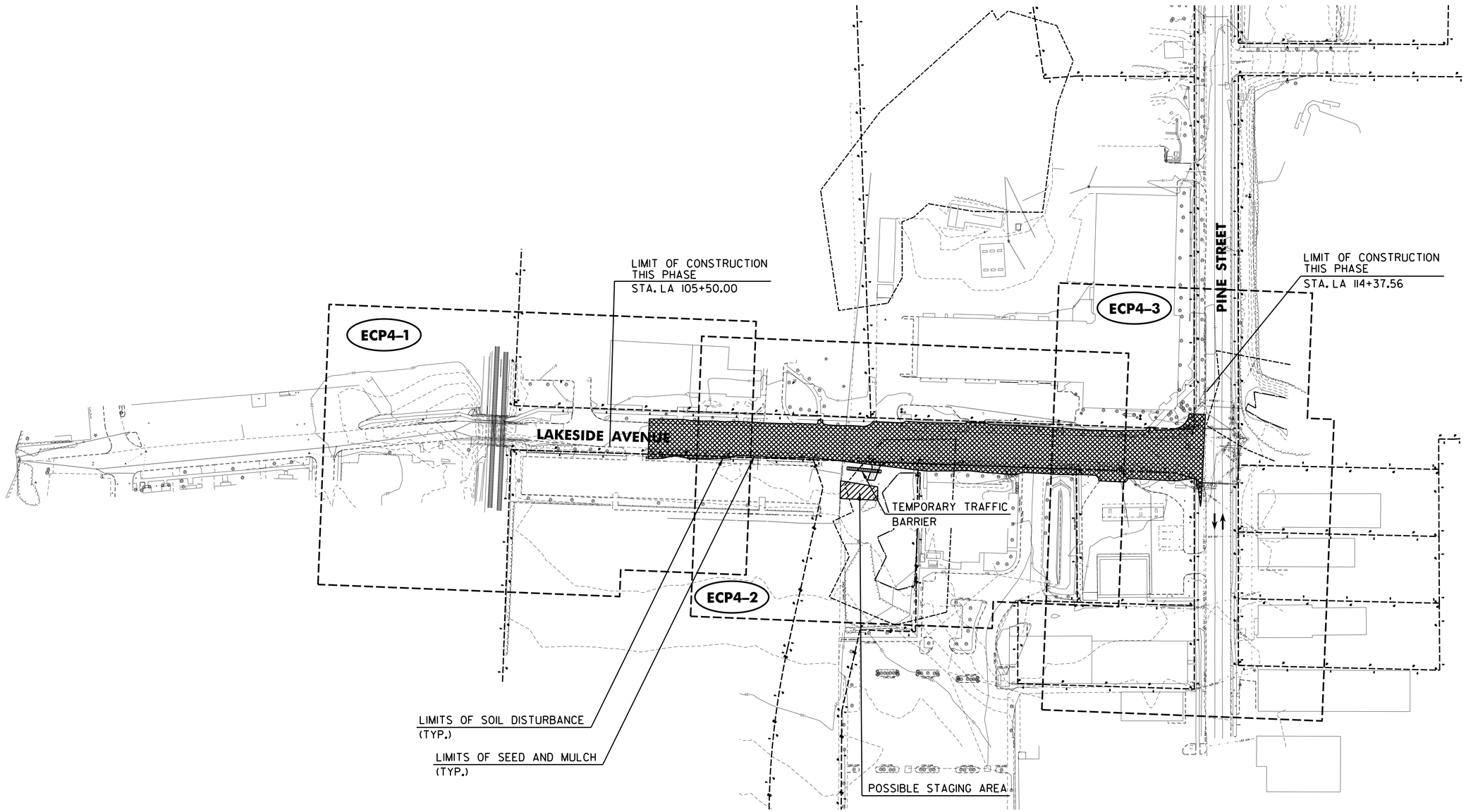
CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrec3_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE 3 (ECP3-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 127 OF 339

FILE NAME =U:\86589\870078\Consultants\z87d078bdrec3.c6.dgn
DATE/TIME =2/17/2016
USER =4916



CONSTRUCTION SEQUENCES		
PHASE	SCHEDULE	DISTURBANCE AREA (ACRES)
		SOIL DISTURBANCE
4	JULY 2019 - OCTOBER 2019	1.3

- CURRENT PHASE CONSTRUCTION

0 80 160
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

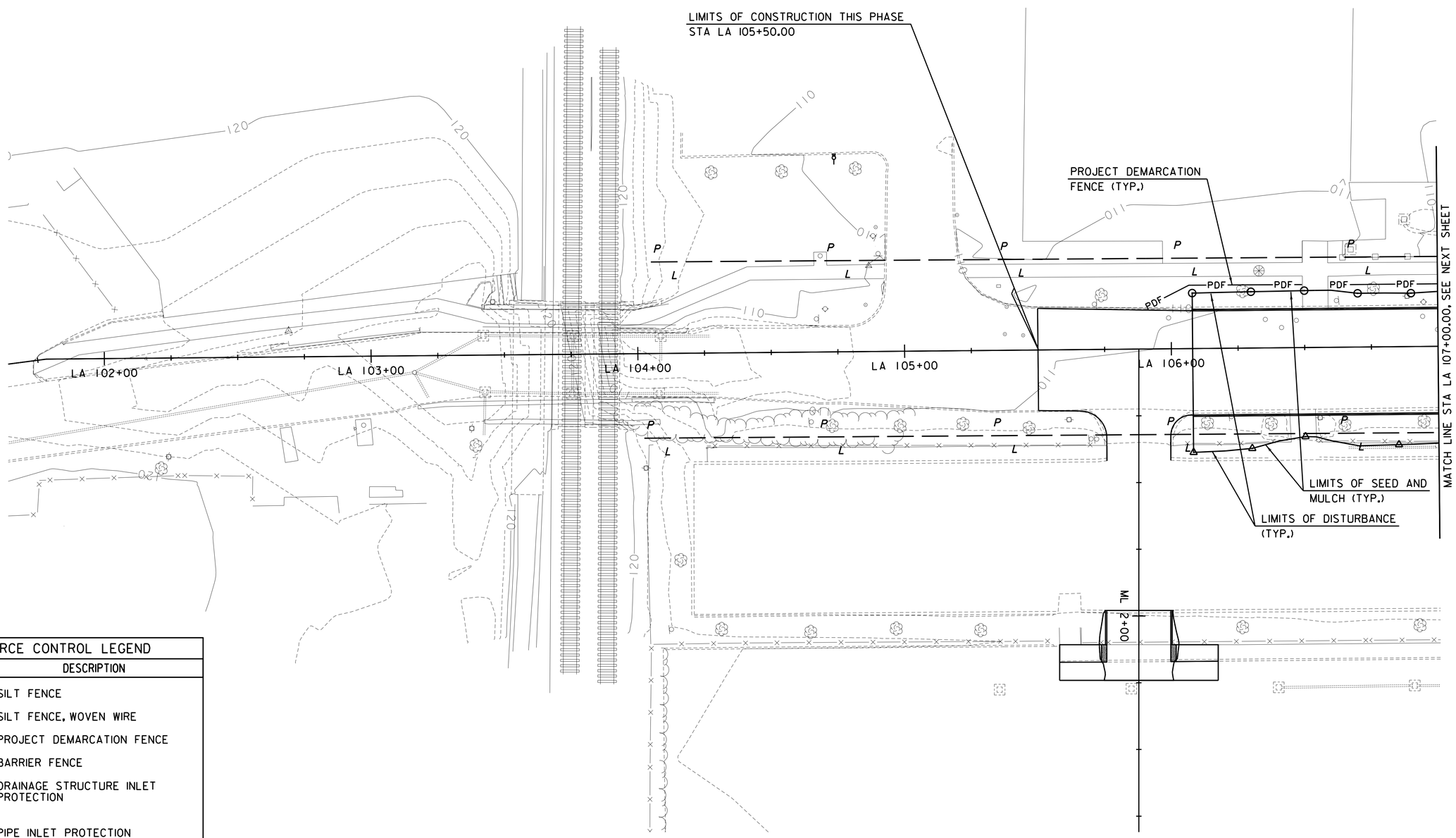
FILE NAME: z87d078bdreckey4_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN SEQUENCING PHASE 4 (ECK4-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 128 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdreckey4_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.55 PROJECT DEMARCATION FENCE
STA LA 105+90.0 - STA LA 106+49.0 LT (61LF)
STA LA 106+59.0 - STA LA 107+00.0 LT (41LF)

653.41 INLET PROTECTION, TYPE II
STA LA 106+39.0 RT



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
PDF	PROJECT DEMARCATION FENCE
BF	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
PD	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

0 20 40
SCALE IN FEET

CHA

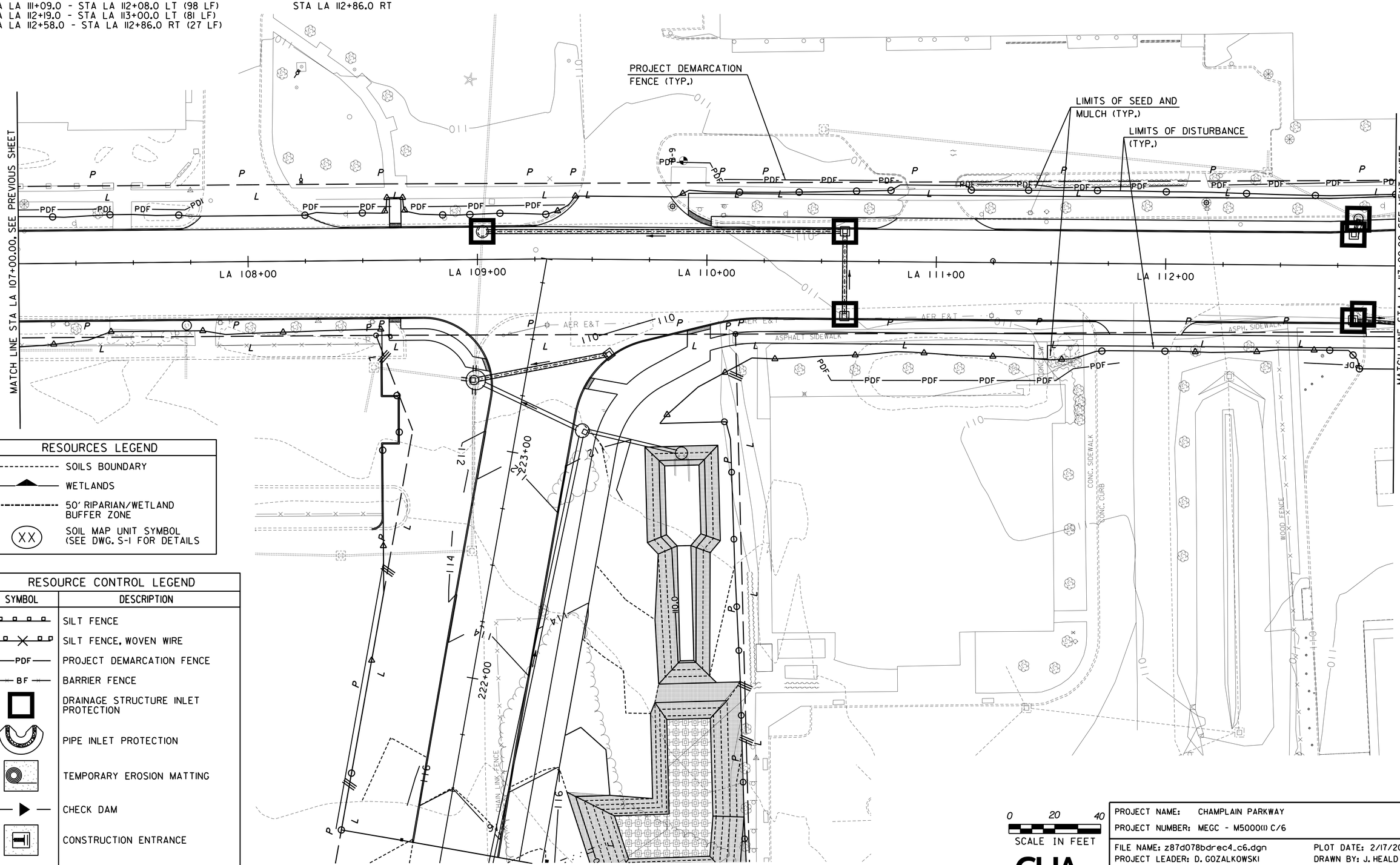
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrec4_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE 4 SHEET 1 (ECP4-1)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 129 OF 339

FILE NAME =U:\8656\870078\Consultants\z87d078bdrec4_c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.55 PROJECT DEMARCATION FENCE
STA LA 107+00.0 - STA LA 107+40.0 LT (40 LF)
STA LA 107+50.0 - STA LA 107+80.0 LT (31 LF)
STA LA 108+24.0 - STA LA 108+63.0 LT (39 LF)
STA LA 108+71.0 - STA LA 109+38.0 LT (68 LF)
STA LA 109+78.0 - STA LA 110+83.0 LT (109 LF)
STA LA 110+50.0 - STA LA 111+80.0 RT (138 LF)
STA LA 111+09.0 - STA LA 112+08.0 LT (98 LF)
STA LA 112+19.0 - STA LA 113+00.0 LT (81 LF)
STA LA 112+58.0 - STA LA 112+86.0 RT (27 LF)

653.41 INLET PROTECTION DEVICE, TYPE II
STA LA 109+02.0 LT
STA LA 110+60.0 LT
STA LA 110+60.0 RT
STA LA 112+00.0 RT
STA LA 112+00.0 LT
STA LA 112+84.0 LT
STA LA 112+86.0 RT



RESOURCES LEGEND

- SOILS BOUNDARY
- WETLANDS
- 50' RIPARIAN/WETLAND BUFFER ZONE
- (XX) SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

RESOURCE CONTROL LEGEND

SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
—PDF—	PROJECT DEMARCATION FENCE
—BF—	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
—PD—	PERIMETER DIKE OR SWALE

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrec4_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE 4 SHEET 2 (ECP4-2)

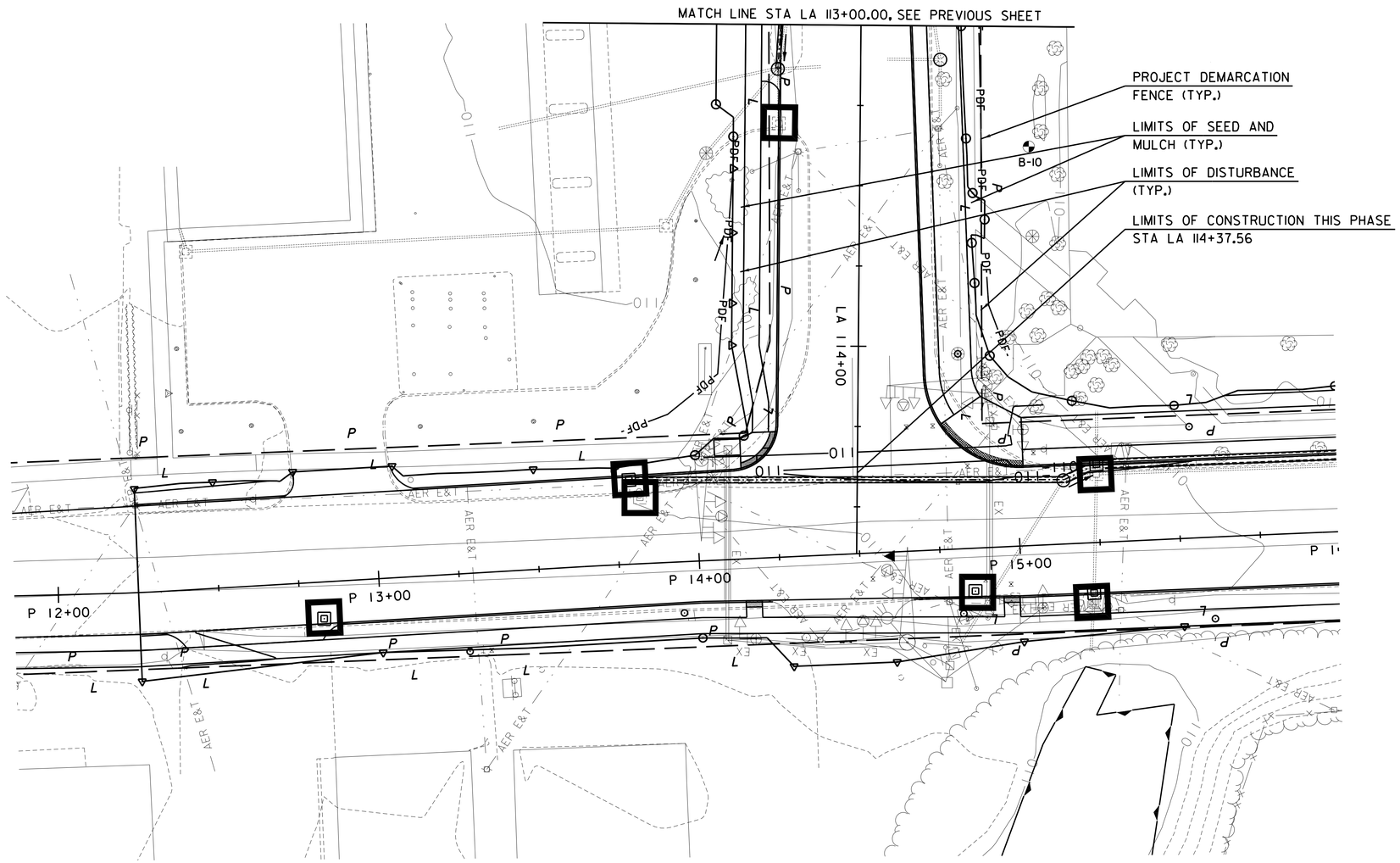
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 130 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078bdrec4.c6.dgn
DATE/TIME =2/17/2016
USER =4916

653.55 PROJECT DEMARCATION FENCE
STA LA 113+00.0 - STA LA 113+52.0 LT (52 LF)
STA LA 113+36.0 - STA LA 114+27.0 LT (109 LF)
STA LA 113+70.0 - STA LA 114+03.0 LT (34 LF)

653.41 INLET PROTECTION DEVICE, TYPE II
STA LA 113+31.0 RT

VT STATE PLANE GRID



RESOURCE CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SILT FENCE
	SILT FENCE, WOVEN WIRE
PDF	PROJECT DEMARCATION FENCE
BF	BARRIER FENCE
	DRAINAGE STRUCTURE INLET PROTECTION
	PIPE INLET PROTECTION
	TEMPORARY EROSION MATTING
	CHECK DAM
	CONSTRUCTION ENTRANCE
PD	PERIMETER DIKE OR SWALE

RESOURCES LEGEND	
	SOILS BOUNDARY
	WETLANDS
	50' RIPARIAN/WETLAND BUFFER ZONE
XX	SOIL MAP UNIT SYMBOL (SEE DWG. S-1 FOR DETAILS

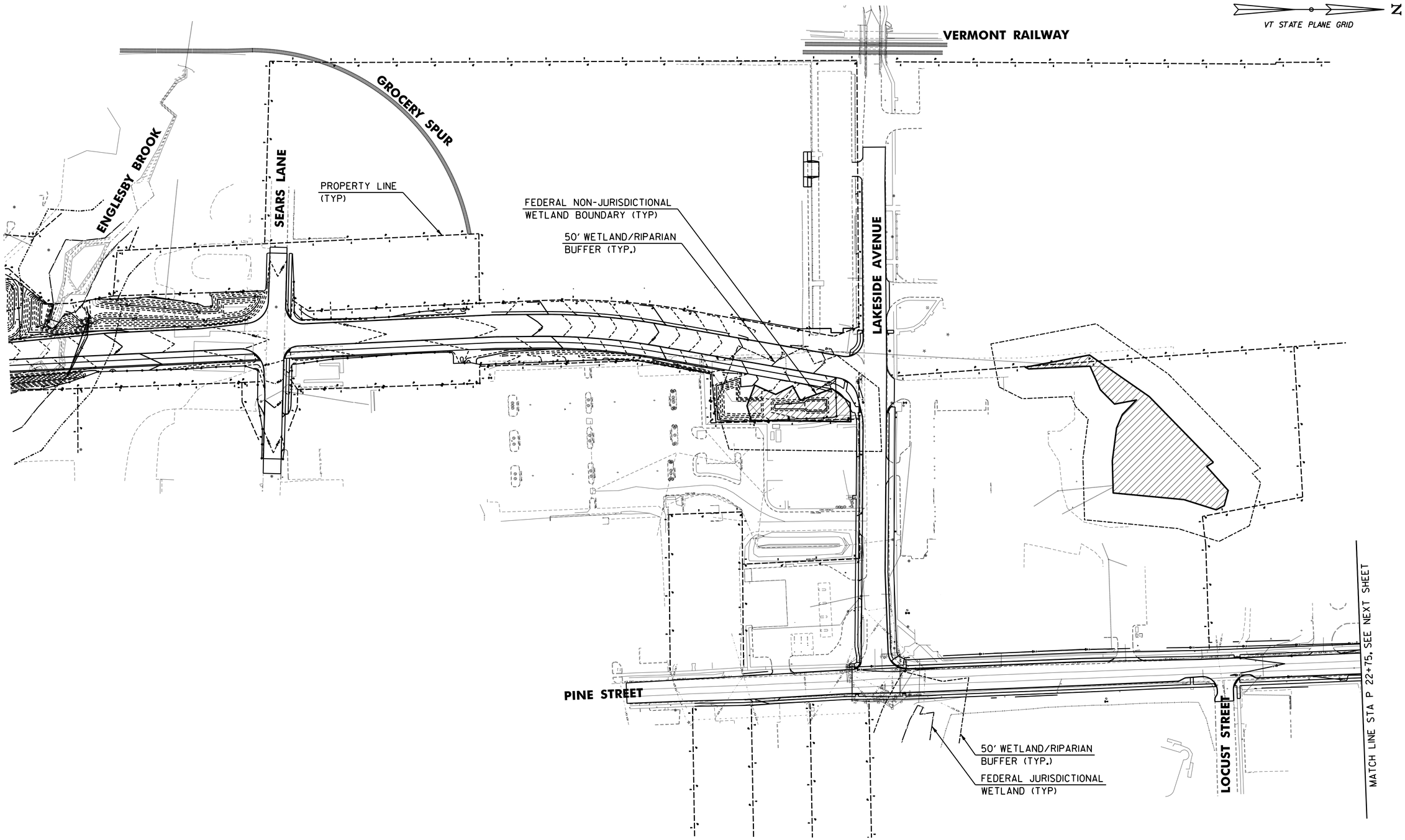
0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrec4_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC PLAN DETAIL PHASE 4 SHEET 3 (ECP4-3)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 131 OF 339

FILE NAME =U:\8658\870078\Consultants\z87d078bdrec4_c6.dgn
DATE/TIME =2/17/2016
USER =4916



0 80 160
SCALE IN FEET

CHA

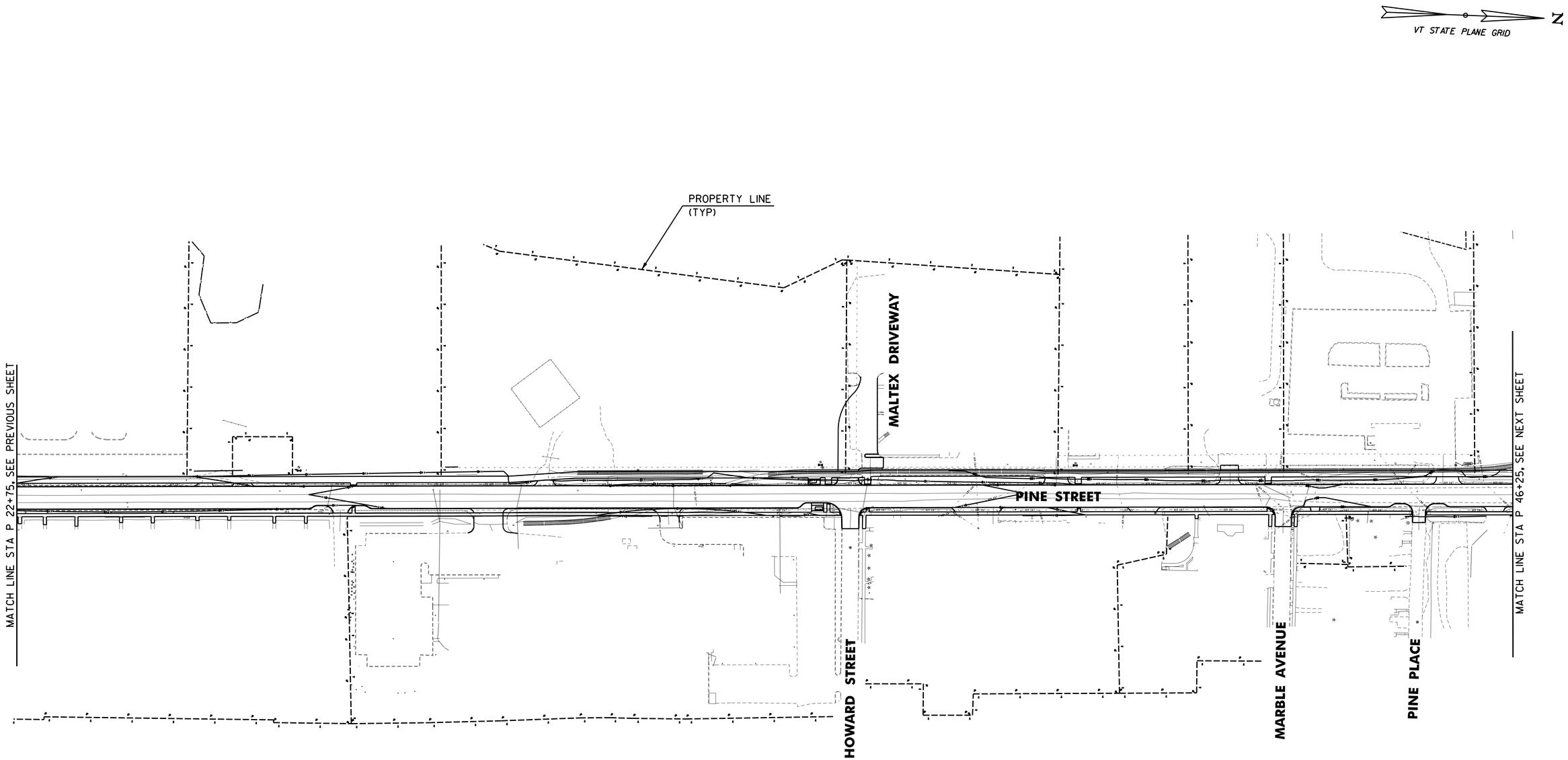
- FEDERAL JURISDICTIONAL WETLANDS

NOTE:

1. SEE DWG'S S-1 AND S-2 FOR SOIL MAP DETAILS.

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrerofin_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
EPSC FINAL CONDITIONS SHEET 1 (FCP-1)	SHEET 132 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078bdrerofin_c6.dgn
DATE/TIME =2/17/2016
USER =4916

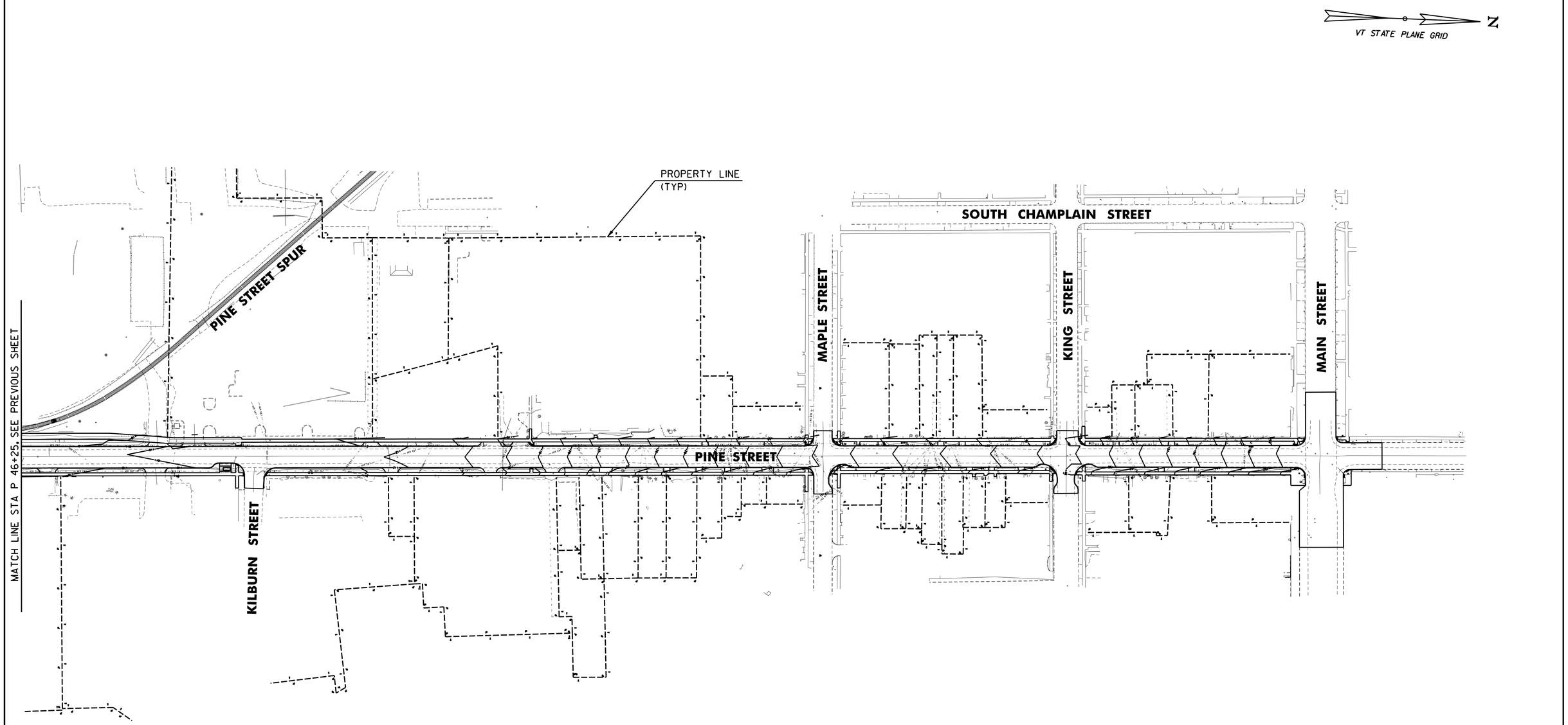


0 80 160
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrerofin_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
EPSC FINAL CONDITIONS SHEET 2 (FCP-2)	SHEET 133 OF 339

FILE NAME =U:\8658\87D078\Consultants\z87d078bdrerofin_c6.dgn
DATE/TIME =2/17/2016
USER =4916

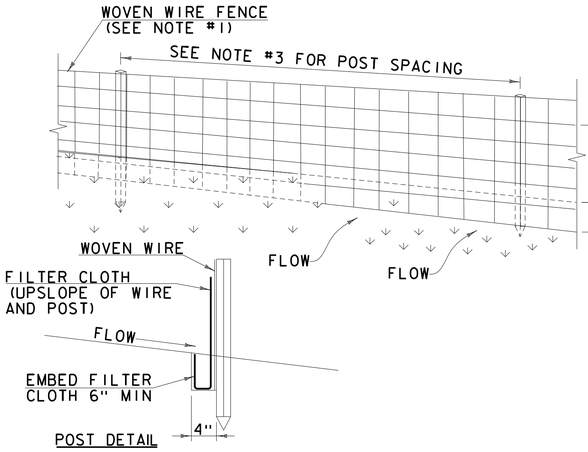


0 80 160
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrerofin_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
EPSC FINAL CONDITIONS SHEET 3 (FCP-3)	SHEET 134 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdrerofin_c6.dgn
DATE/TIME =2/17/2016
USER =4916



SYMBOL

SILT FENCE

SILT FENCE
WOVEN WIRE

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE REINFORCED FENCE IS REQUIRED WITHIN 100' UPSLOPE OF RECEIVING WATERS WHEN THE PROJECT FALLS UNDER A CONSTRUCTION STORMWATER PERMIT. WOVEN WIRE SHALL BE A MIN. 14 GAUGE WITH A 6" MAX. MESH OPENING.
2. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI100X, STABILINKA T140N OR APPROVED EQUIVALENT.
3. POST SPACING FOR WIRE-BACKED FENCE SHALL BE 10' MAXIMUM. FOR FILTER-CLOTH FENCE, WHEN ELONGATION IS >50%, POST SPACING SHALL NOT EXCEED 4' AND WHEN ELONGATION IS <50%, POST SPACING SHALL NOT EXCEED 6'.
4. WOVEN WIRE FENCE IS TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES. FILTER CLOTH IS TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY 6" AND FOLDED.
6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN SEDIMENT REACHES HALF OF FABRIC HEIGHT.

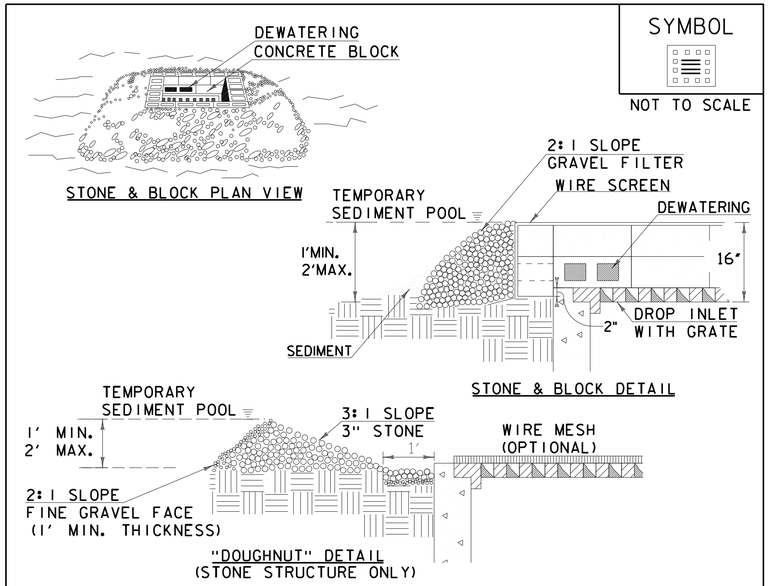
ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SILT FENCE

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 649 AND AS SHOWN IN THE PLANS FOR GEOTEXTILE FOR SILT FENCE (PAY ITEM 649.51) ~~OR GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED (PAY ITEM 649.515).~~

REVISIONS	
MARCH 21, 2008	WHF
DECEMBER 11, 2008	WHF
JANUARY 13, 2009	WHF



SYMBOL

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2" MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
2. HARDWARE CLOTH OR ½" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL ½"- ¾" IN DIAMETER PLACED 2" BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
4. FOR STONE STRUCTURES ONLY, A 1' THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3" STONE AS SHOWN ON THE DRAWINGS.
5. MAXIMUM DRAINAGE AREA 1 ACRE

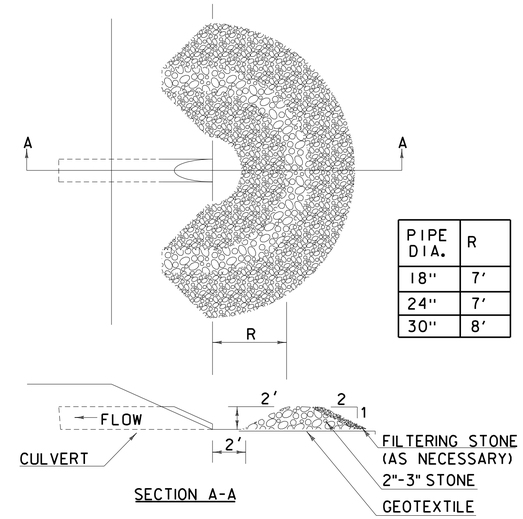
ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

STONE & BLOCK DROP INLET PROTECTION

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR INLET PROTECTION DEVICE, TYPE I (PAY ITEM 653.40).

REVISIONS	
MARCH 6, 2008	WHF
JANUARY 13, 2009	WHF



PIPE DIA.	R
18"	7'
24"	7'
30"	8'

SYMBOL

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. USE 2" TO 3" STONE. FILTERING STONE SHALL BE 3/4".
2. PLACE STONE OVER GEOTEXTILE.
3. ONCE THE AREAS UPSTREAM FROM THE CHECK DAM ARE STABILIZED WITH VEGETATION, THE SEDIMENT TRAPPED BEHIND THE DAM SHALL BE DISPOSED OF IN AN APPROVED WASTE AREA.
4. THE CHECK DAM(S) SHALL BE FLATTENED AND GRADED IN A MANNER WHICH PROTECTS THE AREA FROM EROSION AND CHANNEL BLOCKAGE . (GEOTEXTILE MUST BE REMOVED).
5. THE GEOTEXTILE MUST BE DISPOSED OF APPROPRIATELY.
6. THE AREA CONTRIBUTING TO THE CHECK DAM SHALL NOT EXCEED 4 ACRES.

ADAPTED FROM DETAILS PROVIDED BY: ILLINOIS USDA-NRCS
ORIGINALLY DEVELOPED BY USDA-NRCS

PIPE INLET PROTECTION

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR INLET PROTECTION DEVICE, TYPE I (PAY ITEM 653.40).

REVISIONS	
MARCH 6, 2008	WHF
JANUARY 13, 2009	WHF

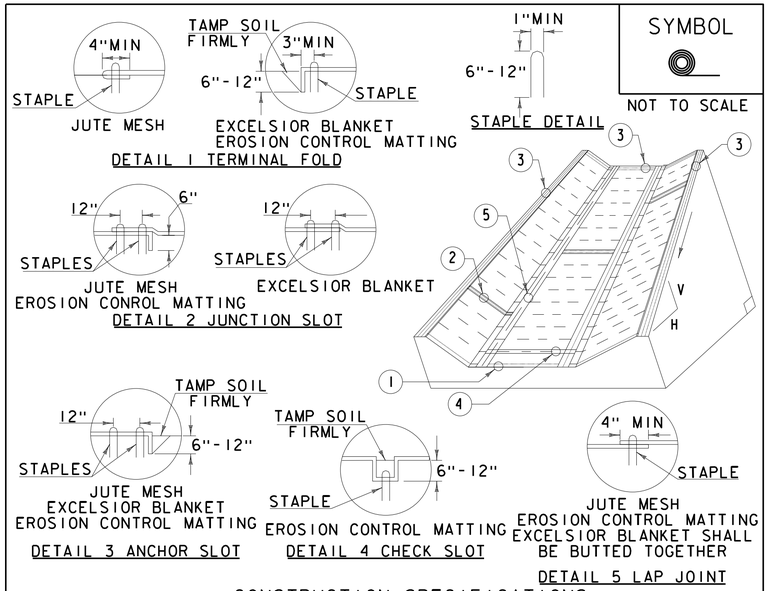
CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ecd_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC DETAILS SHEET 1 (ECD-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 135 OF 339

FILE NAME =U:\8655\870078\Consultants\z87d078ecd_c6.dgn
DATE/TIME =2/17/2016
USER =4916



SYMBOL

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

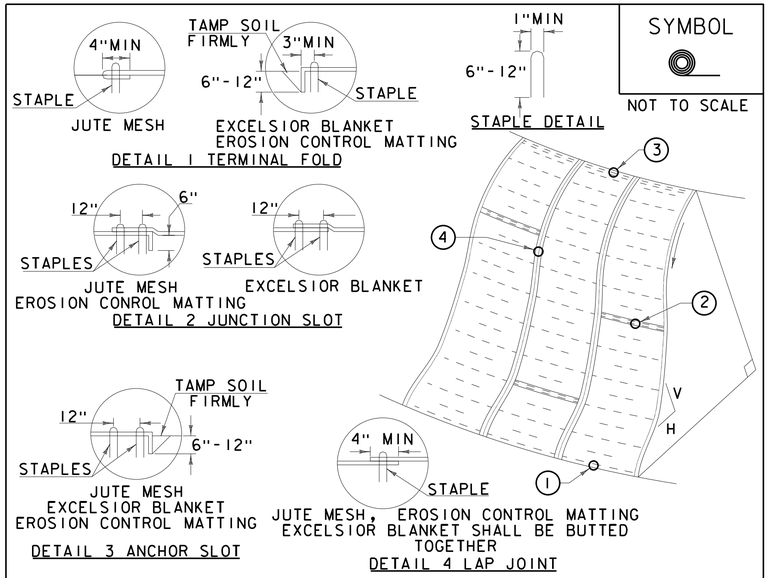
1. EROSION MATTING, CHECK SLOTS, SHALL BE SPACED IN DITCH CHANNEL SO THAT ONE OCCURS WITHIN EACH 50' ON SLOPES OF MORE THAN 4% AND LESS THAN 6%. ON SLOPES OF 6% OR MORE, THEY SHALL BE SPACED SO THAT ONE OCCURS WITHIN EACH 25'.
2. APPLY FERTILIZER, LIME SEED PRIOR TO PLACING MATTING.
3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4'X225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4'X150' ROLL OF MATERIAL.
4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

ROLLED EROSION CONTROL PRODUCT (RECP) DITCH

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 AND AS SHOWN IN THE PLANS FOR TEMPORARY EROSION MATTING (PAY ITEM 653.20) OR PERMANENT EROSION MATTING (PAY ITEM 653.21).

REVISIONS	
MARCH 8, 2007	JMF
APRIL 16, 2007	WHF
JANUARY 13, 2009	WHF



SYMBOL

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

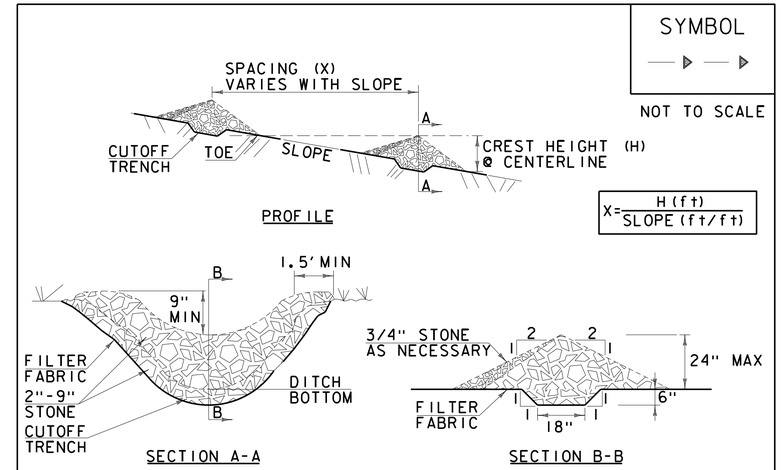
1. APPLY TO SLOPES GREATER THAN 3H: 1V OR WHERE NECESSARY TO AID IN ESTABLISHING VEGETATION.
2. APPLY FERTILIZER, LIME SEED PRIOR TO PLACING MATTING.
3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4'X225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4'X150' ROLL OF MATERIAL.
4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

ROLLED EROSION CONTROL PRODUCT (RECP) SIDE SLOPE

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 AND AS SHOWN IN THE PLANS FOR TEMPORARY EROSION MATTING (PAY ITEM 653.20) OR PERMANENT EROSION MATTING (PAY ITEM 653.21).

REVISIONS	
APRIL 16, 2007	JMF
JANUARY 13, 2009	WHF



CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION.
2. CHECK DAMS SHALL BE SPACED SO THAT THE ELEVATION OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE UPSTREAM DAM.
3. 3/4" FILTERING STONE MAY BE ADDED TO THE FACE OF THE CHECK DAM AS NECESSARY.
4. EXTEND THE STONE A MINIMUM OF 1.5' BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
5. PROTECT CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
6. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
7. MAXIMUM DRAINAGE AREA 2 ACRES.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CHECK DAM

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR TEMPORARY STONE CHECK DAM, TYPE I (PAY ITEM 653.25)

REVISIONS	
MARCH 21, 2008	WHF
JANUARY 8, 2009	WHF

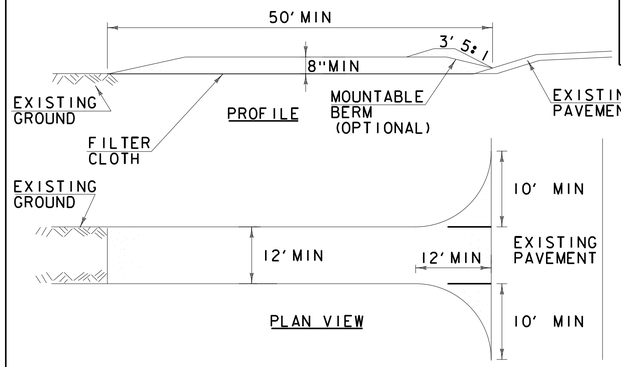
FILE NAME =U:\96591\870078\Consultants\z87d078ecd.c6.dgn
DATE/TIME =2/17/2016
USER =4916

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ecd_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC DETAILS SHEET 2 (ECD-2)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 136 OF 339



SYMBOL

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. STONE SIZE- USE 1-4" STONE, RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH- NOT LESS THAN 50' (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' MINIMUM LENGTH APPLIES).
3. THICKNESS- NOT LESS THAN 8".
4. WIDTH- 12' MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24' IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE MUST BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
6. SURFACE WATER- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED ACCORDING TO PERMIT REQUIREMENTS.

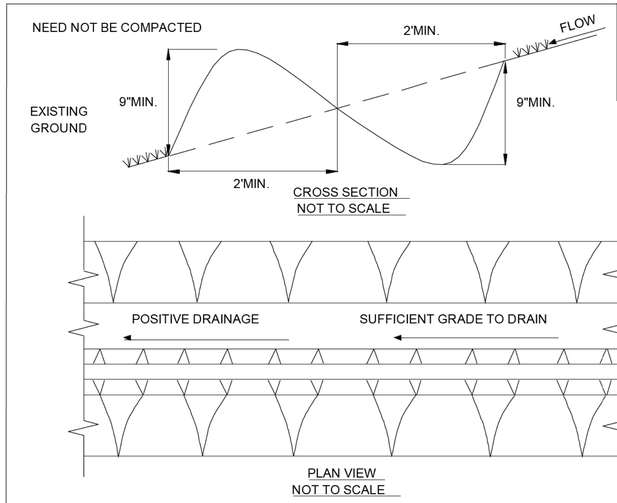
ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

STABILIZED CONSTRUCTION ENTRANCE

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR VEHICLE TRACKING PAD (PAY ITEM 653.35) OR AS SPECIFIED IN THE CONTRACT.

REVISIONS	
MARCH 24, 2008	WHF
JANUARY 13, 2009	WHF



SYMBOL

—— PD ——

CONSTRUCTION SPECIFICATIONS

1. ALL PERIMETER DIKE/SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSION VELOCITY.
4. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE STANDARD.
5. STABILIZATION OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE DONE IN ACCORDANCE WITH THE STANDARD AND SPECIFICATIONS FOR TEMPORARY SEEDING AND MULCHING, AND SHALL BE DONE WITHIN 7 DAYS.
6. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT AND AS REQUIRED BY PERMIT.

MAX. DRAINAGE AREA LIMIT: 2 ACRES

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PERIMETER DIKE OR SWALE

VAOT LOW GROW/FINE FESCUE MIX

	LBS/AC					
WEIGHT	BROADCAST	HYDROSEED	NAME	LATIN NAME	GERM	PURITY
38%	57	95	CREEPING RED FESCUE	FESTUCA RUBRA VAR. RUBRA	90%	98%
29%	43.5	72.5	HARD FESCUE	FESTUCA LONGIFOLIA	85%	95%
15%	22.5	37.5	CHEWINGS FESCUE	FESTUCA RUBRA VAR. COMMUTATA	87%	95%
15%	22.5	37.5	ANNUAL RYEGRASS	LOLIUM MULTIFLORUM	90%	95%
3%	4.5	7.5	INERTS			
100%	150	250				

VAOT RURAL AREA MIX

	LBS/AC					
WEIGHT	BROADCAST	HYDROSEED	NAME	LATIN NAME	GERM	PURITY
37.5%	22.5	45	CREEPING RED FESCUE	FESTUCA RUBRA VAR. RUBRA	85%	98%
37.5%	22.5	45	TALL FESCUE	FESTUCA ARUNDINACEA	90%	95%
5.0%	3	6	RED TOP	AGROSTIS GIGANTEA	90%	95%
15.0%	9	18	WHITE FIELD CLOVER	TRIFOLIUM REPENS	85%	98%
5.0%	3	6	ANNUAL RYE GRASS	LOLIUM MULTIFLORUM	85%	95%
100%	60	120				

GENERAL AMENDMENT GUIDANCE

FERTILIZER	LIME	
10/20/10	AG LIME	PELLITIZED
500 LBS/AC	2 TONS/AC	1 TONS/AC

CONSTRUCTION GUIDANCE

1. SEED MIX: THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER ON WHICH SEED MIX TO USE.
2. SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED UPLAND (NON WETLAND) AREAS DISTURBED BY THE CONTRACTOR.
3. ALL SEED MIXTURES: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
4. FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER.
5. HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
6. HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED PROPOSED FOR USE WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED.
7. TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

ADAPTED FROM VTRANS TECHNICAL LANDSCAPE MANUAL FOR ROADWAYS AND TRANSPORTATION FACILITIES

TURF ESTABLISHMENT

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.15)

REVISIONS	
JANUARY 12, 2015	WHF

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078ecd_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
EPSC DETAILS SHEET 3 (ECD-3)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 137 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078ecd_c6.dgn
DATE/TIME =2/17/2016
USER =4916

VAOT URBAN LAWN MIX						
	LBS/AC					
WEIGHT	BROADCAST	HYDROSEED	NAME	LATIN NAME	GERM	PURITY
42.5%	34	68	CREEPING RED FESCUE	FESTUCA RUBRA X RUBRA	85%	98%
20.0%	16	32	PERENNIAL RYE GRASS	LOLIUM PERENNE	90%	95%
32.5%	26	52	KENTUCKY BLUE GRASS	POA PRATENSIS	85%	85%
5.0%	4	8	ANNUAL RYE GRASS	LOLIUM MULTIFLORUM	85%	95%
100%	80	160				

GENERAL AMENDMENT GUIDANCE		
FERTILIZER	LIME	
10/20/10	AG LIME	PELLITIZED
500 LBS/AC	2 TONS/AC	1 TONS/AC

CONSTRUCTION GUIDANCE

1. SEED MIX: THE URBAN AREA MIX SHALL NOT BE USED IN WETLANDS OR ANY WATERS OF THE STATE OF VERMONT.
2. SEED MIX: USE ONLY AS INDICATED IN THE PLANS.
3. SEED MIX: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
4. FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
5. HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
6. HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED
7. TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

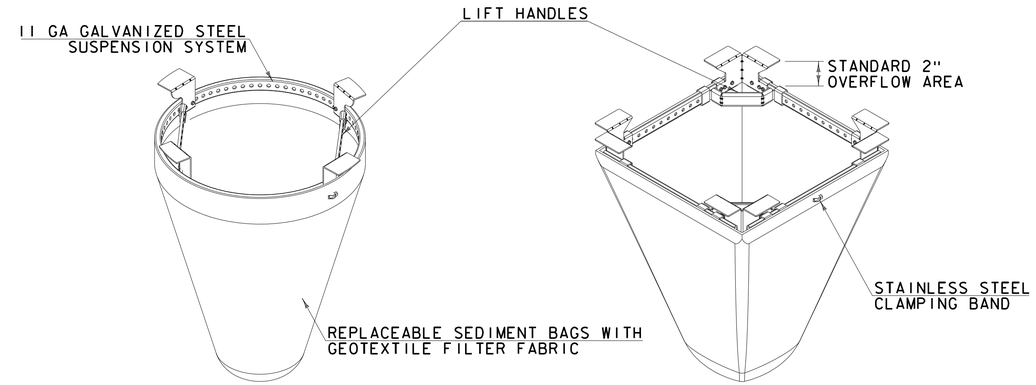
ADAPTED FROM VTRANS TECHNICAL LANDSCAPE MANUAL FOR ROADWAYS AND TRANSPORTATION FACILITIES

TURF ESTABLISHMENT

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.15)

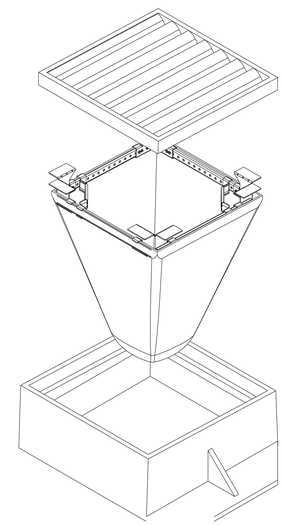
REVISIONS	
JANUARY 22, 2015	WHF

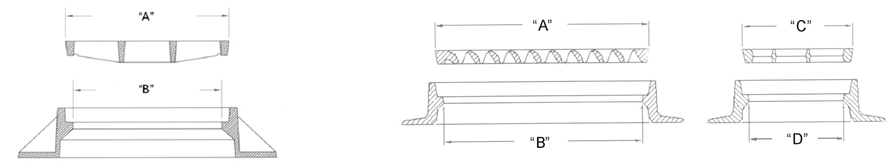
FILTERS FOR TEMPORARY INLET PROTECTION



TYPICAL ROUND INLET FILTER

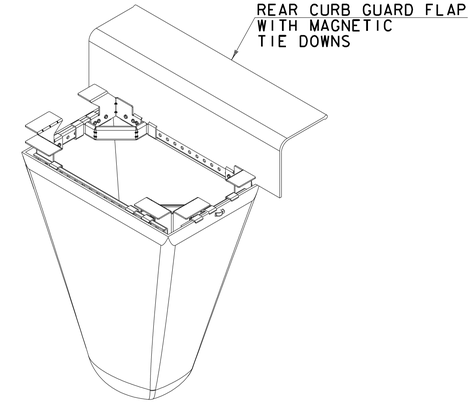
TYPICAL RECTANGULAR INLET FILTER



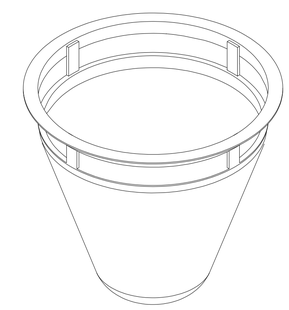


INSTALLATION:

1. REMOVE GRATE
2. DROP INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE



COMBINATION INLET FILTER FOR CURB HOODS



STAINLESS STEEL ROUND INLET FILTERS for NYLOPLAST CASTINGS

NOTES:

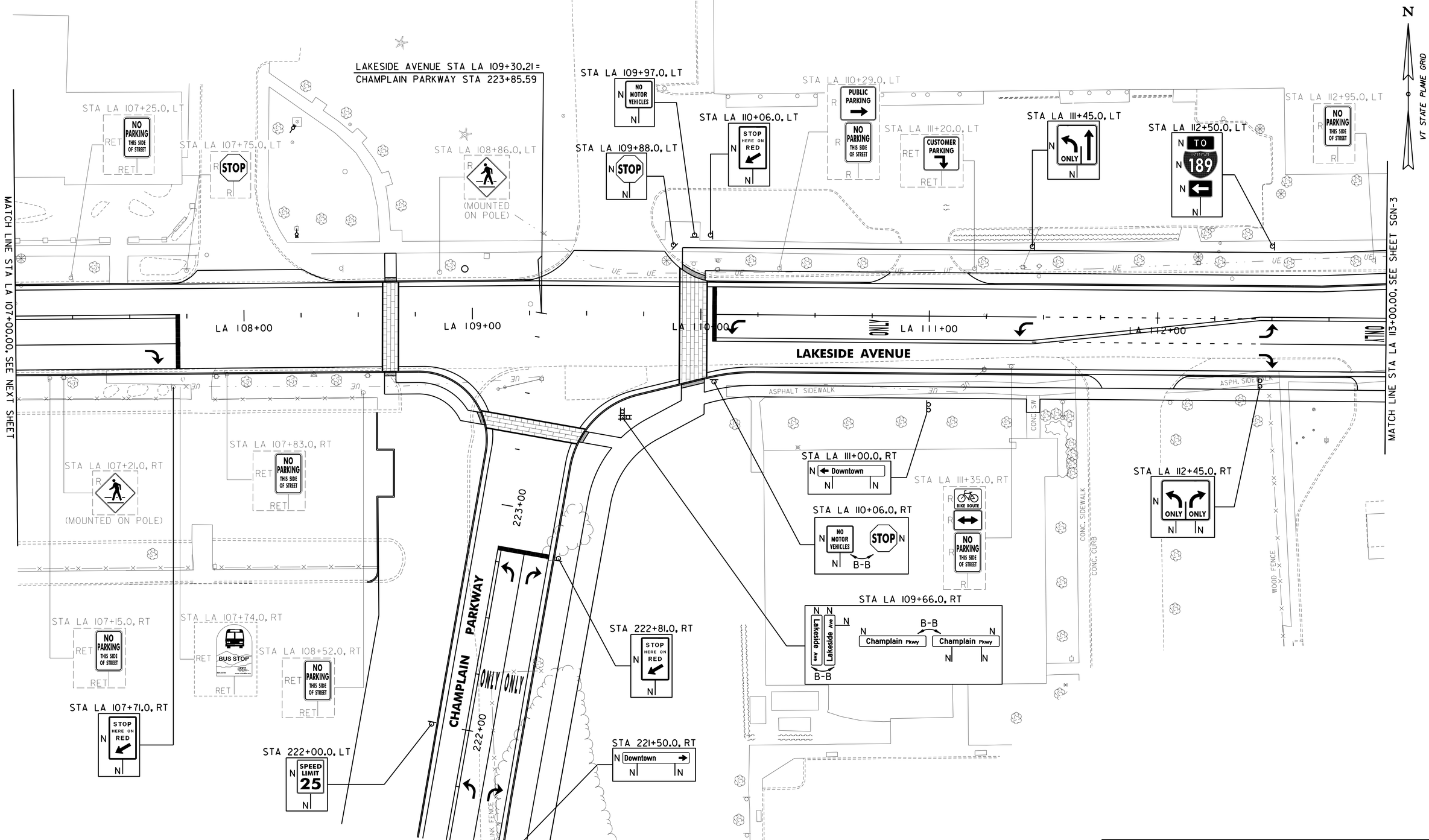
1. ALL FRAMING IS CONSTRUCTED OF CORROSION RESISTANT STEEL (ZINC PLATED OR GALVANIZED) FOR 7 YEAR MINIMUM SERVICE LIFE.

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078ecd_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
EPSC DETAILS SHEET 4 (ECD-4)	SHEET 138 OF 339

FILE NAME =U:\8689\870078\Consultants\z87d078ecd_c6.dgn
DATE/TIME = 2/17/2016
USER =4916

675.50 REMOVING SIGNS
AS SHOWN - 9



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

0 20 40
SCALE IN FEET

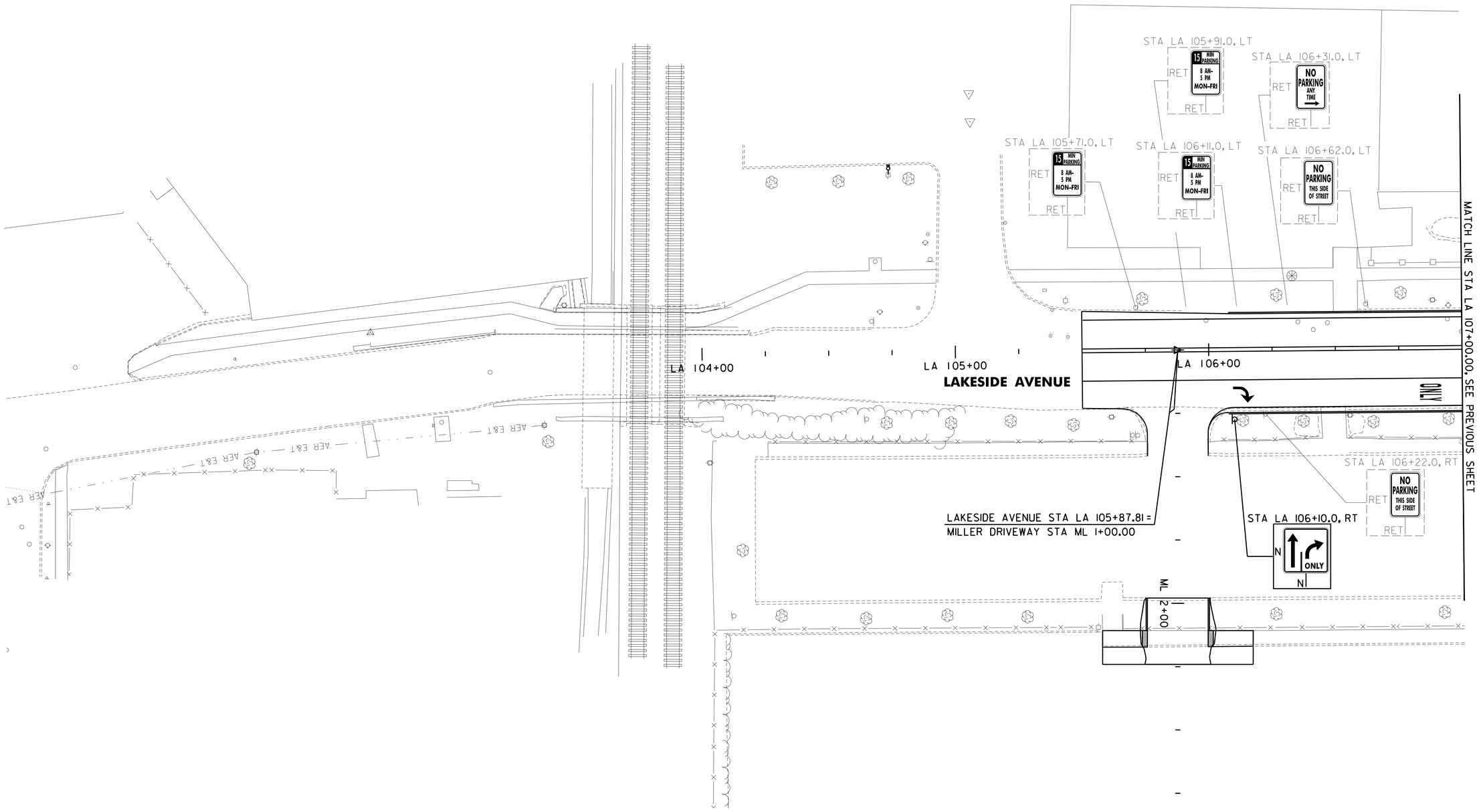
CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrsgn_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
SIGNING PLAN SHEET 1 (SGN-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 139 OF 339

FILE NAME =U:\8656\870078\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME =2/17/2016
USER =4916



SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

0 20 40
SCALE IN FEET

CHA

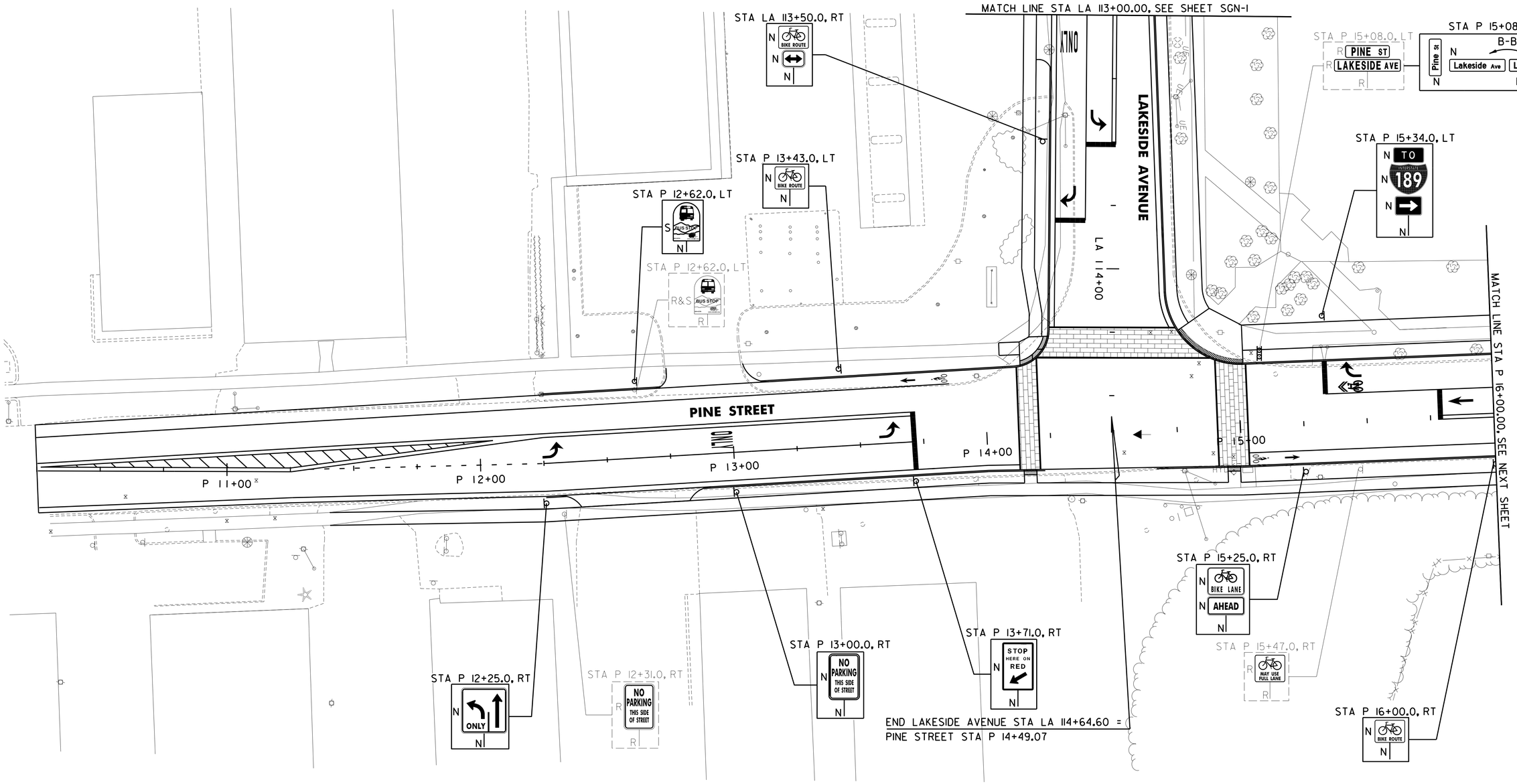
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 2 (SGN-2)	SHEET 140 OF 339

FILE NAME =U:\8656\870078\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME =2/17/2016
USER =4916

675.50 REMOVING SIGNS
AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1

VT STATE PLANE GRID



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

0 20 40
SCALE IN FEET

CHA

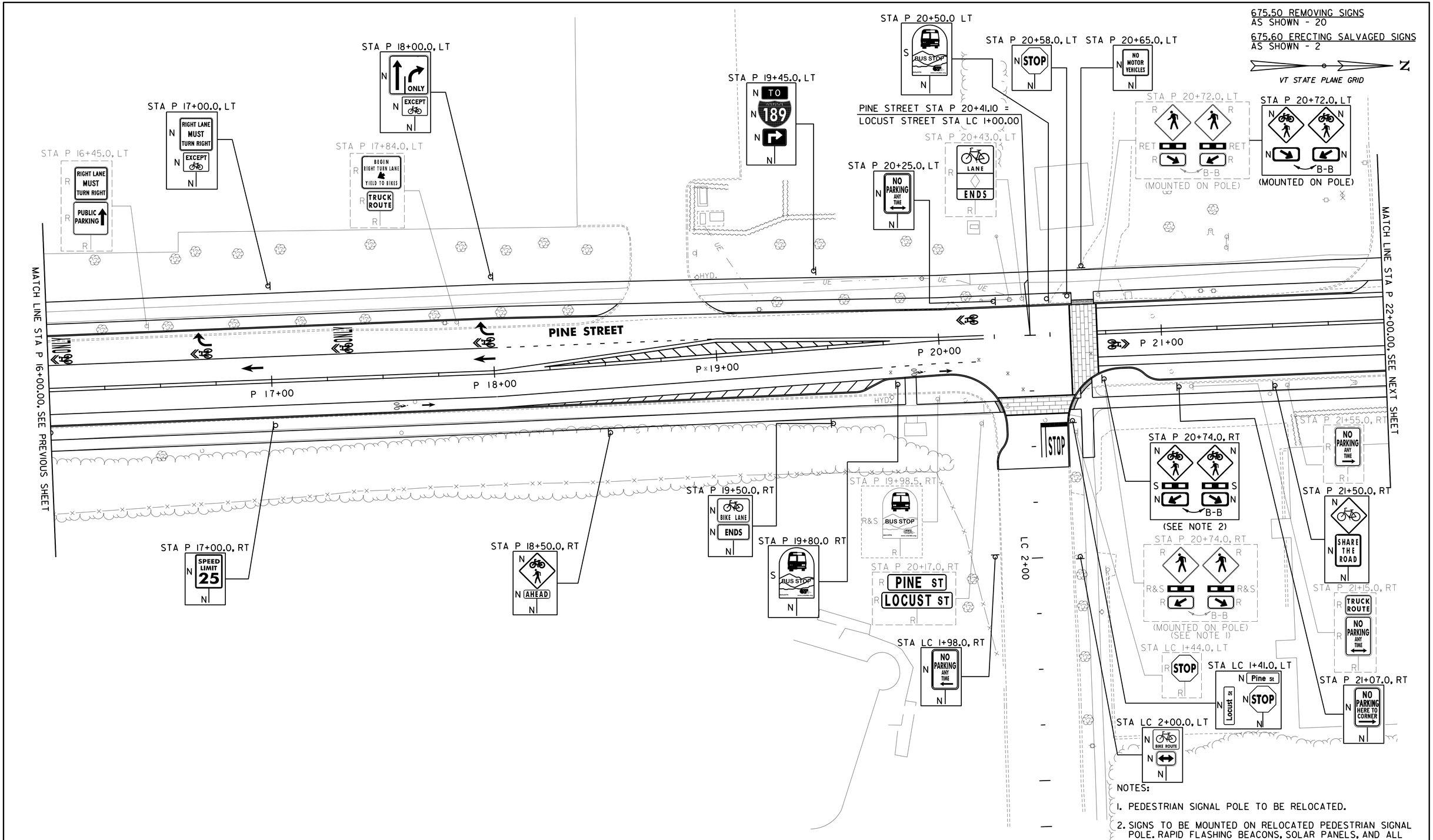
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 3 (SGN-3)	SHEET 141 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME =2/17/2016
USER =4916

675.50 REMOVING SIGNS
AS SHOWN - 20

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2

VT STATE PLANE GRID



NOTES:

1. PEDESTRIAN SIGNAL POLE TO BE RELOCATED.
2. SIGNS TO BE MOUNTED ON RELOCATED PEDESTRIAN SIGNAL POLE. RAPID FLASHING BEACONS, SOLAR PANELS, AND ALL ASSOCIATED WIRING TO BE RELOCATED WITH POLE.

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

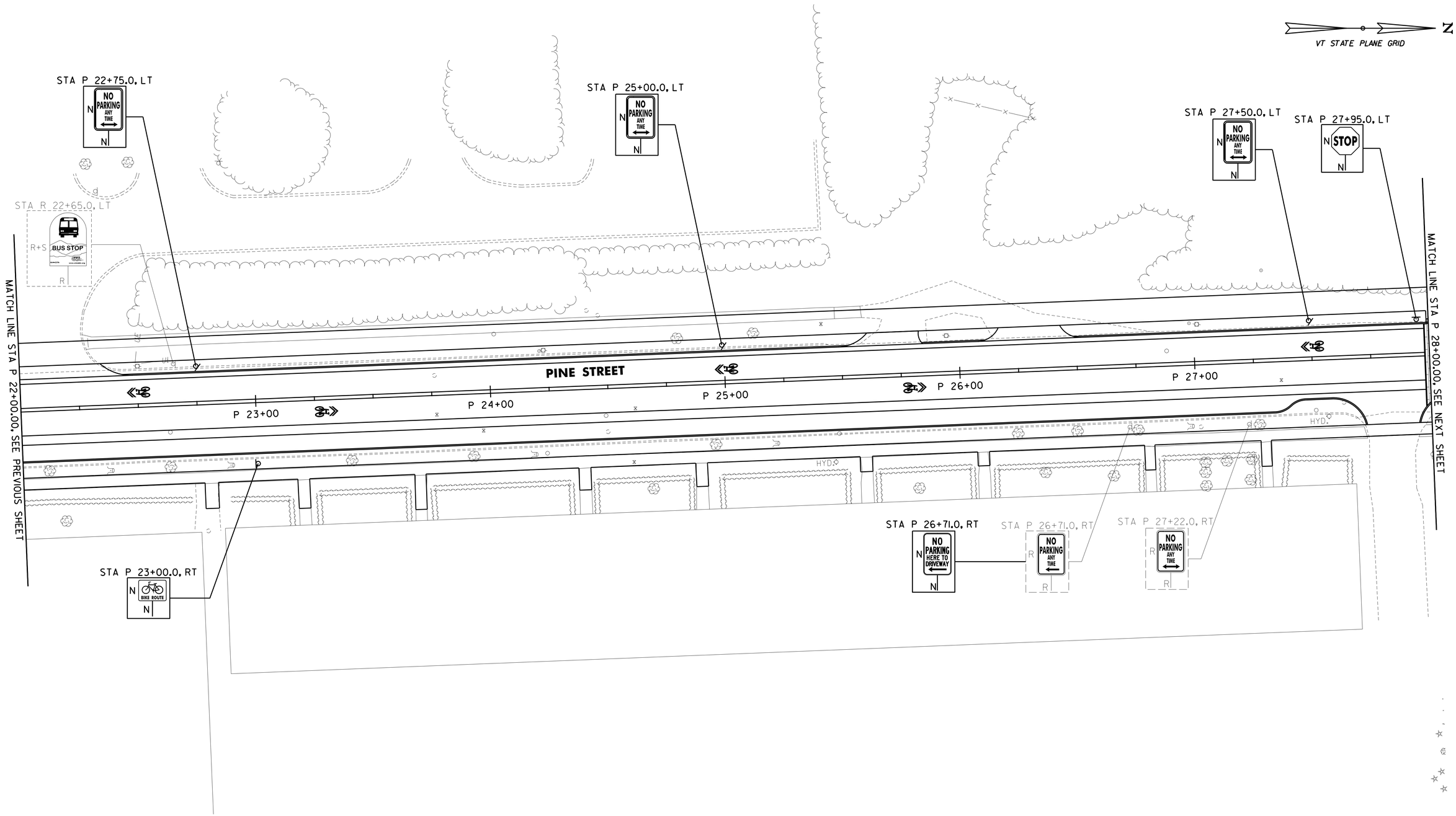
0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 4 (SGN-4)	SHEET 142 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME =2/17/2016
USER =4916

675.50 REMOVING SIGNS
AS SHOWN - 3



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = — — — — —
NEW = ————

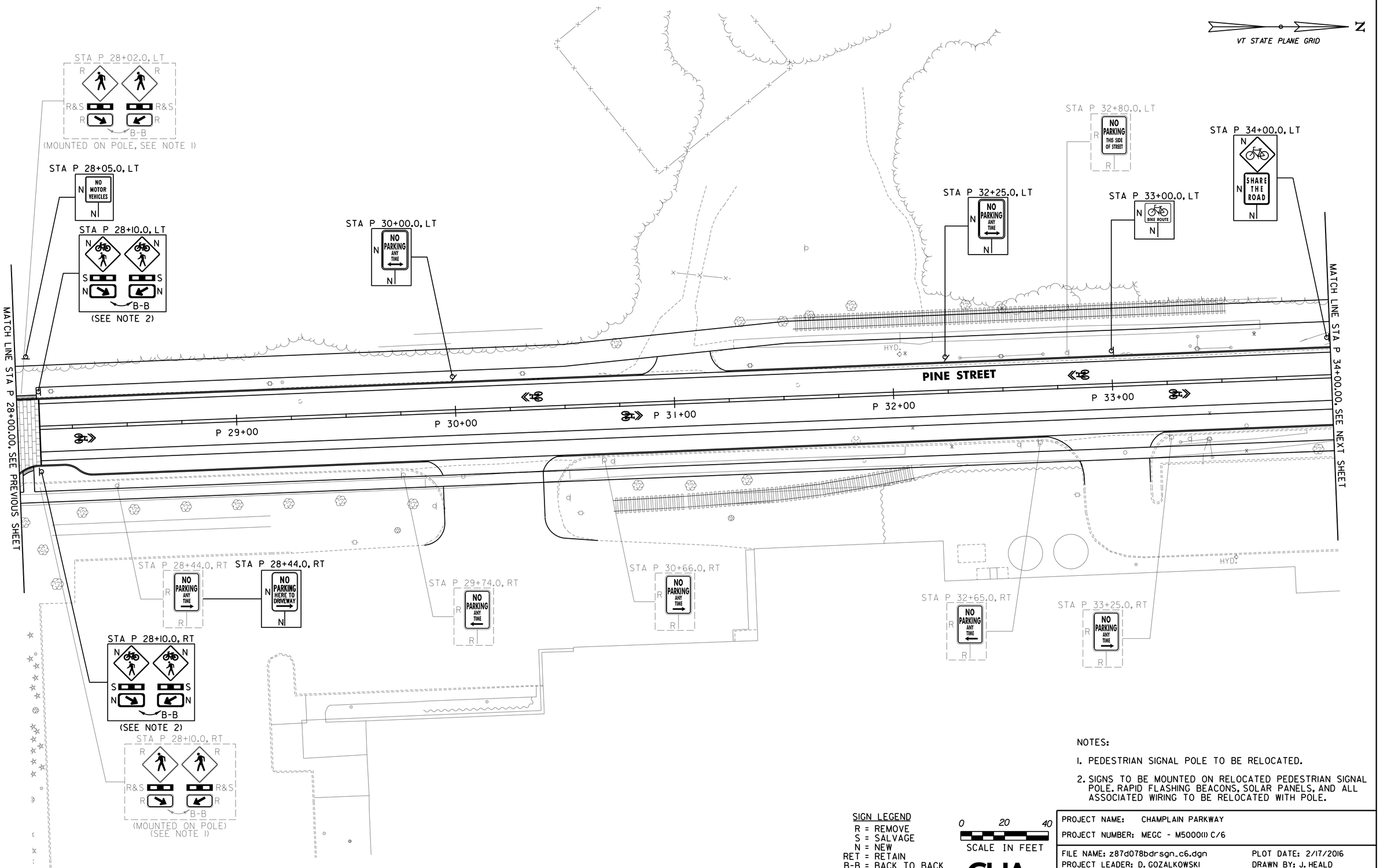
0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 5 (SGN-5)	SHEET 143 OF 339

FILE NAME =U:\8659\87D078\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME =2/17/2016
USER =4916

675.50 REMOVING SIGNS
AS SHOWN - 14



NOTES:

1. PEDESTRIAN SIGNAL POLE TO BE RELOCATED.
2. SIGNS TO BE MOUNTED ON RELOCATED PEDESTRIAN SIGNAL POLE. RAPID FLASHING BEACONS, SOLAR PANELS, AND ALL ASSOCIATED WIRING TO BE RELOCATED WITH POLE.

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = — — — — —
NEW = ————

0 20 40
SCALE IN FEET

CHA

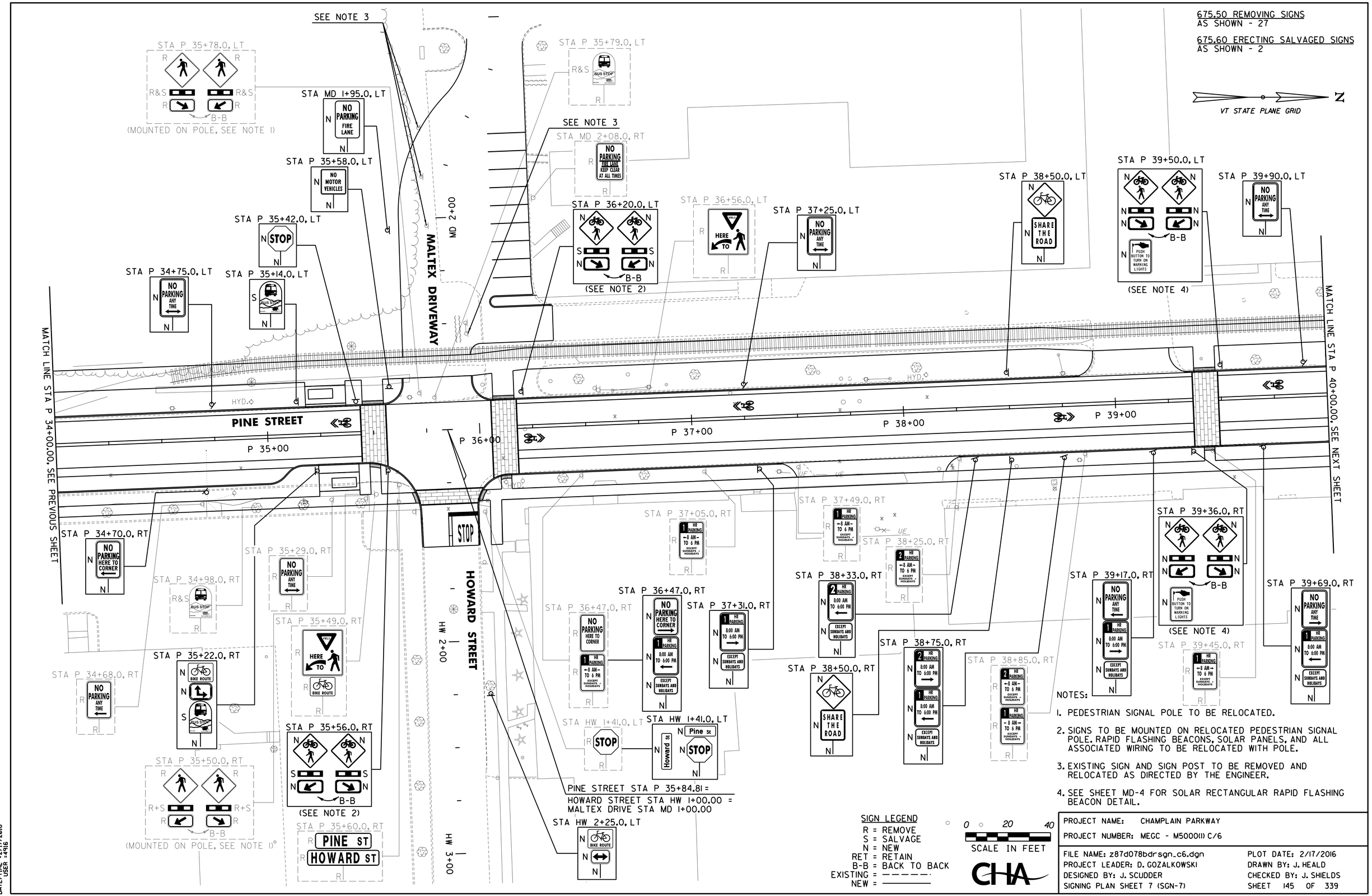
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 6 (SGN-6)	SHEET 144 OF 339

FILE NAME =U:\8555\87D078\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME =2/17/2016
USER =4916

675.50 REMOVING SIGNS
AS SHOWN - 27

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2

VT STATE PLANE GRID



NOTES:

1. PEDESTRIAN SIGNAL POLE TO BE RELOCATED.
2. SIGNS TO BE MOUNTED ON RELOCATED PEDESTRIAN SIGNAL POLE. RAPID FLASHING BEACONS, SOLAR PANELS, AND ALL ASSOCIATED WIRING TO BE RELOCATED WITH POLE.
3. EXISTING SIGN AND SIGN POST TO BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER.
4. SEE SHEET MD-4 FOR SOLAR RECTANGULAR RAPID FLASHING BEACON DETAIL.

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

0 20 40
SCALE IN FEET

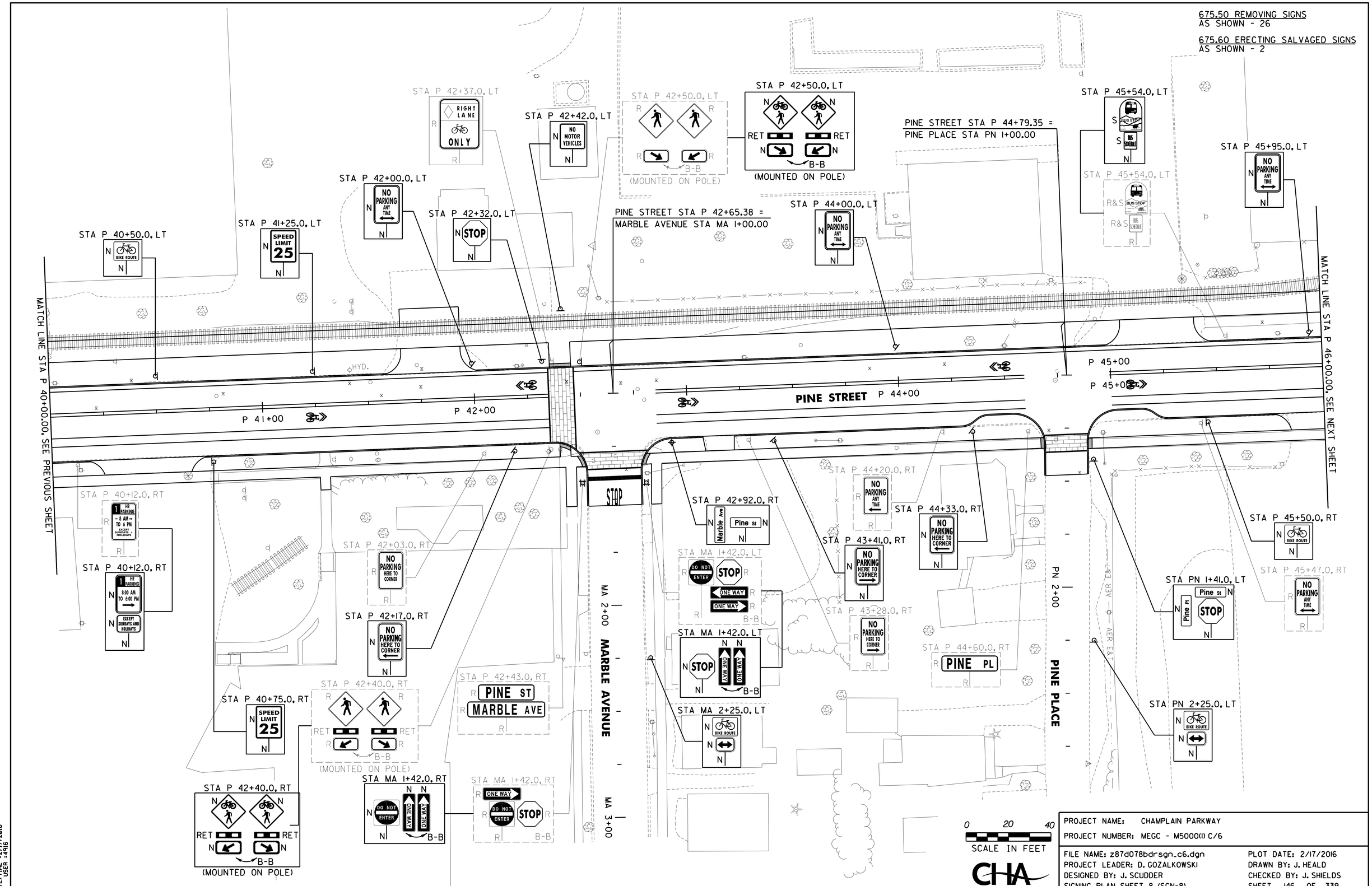
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 7 (SGN-7)	SHEET 145 OF 339

FILE NAME =U:\8659\87D078\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME = 2/17/2016
USER =4916

675.50 REMOVING SIGNS
AS SHOWN - 26

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



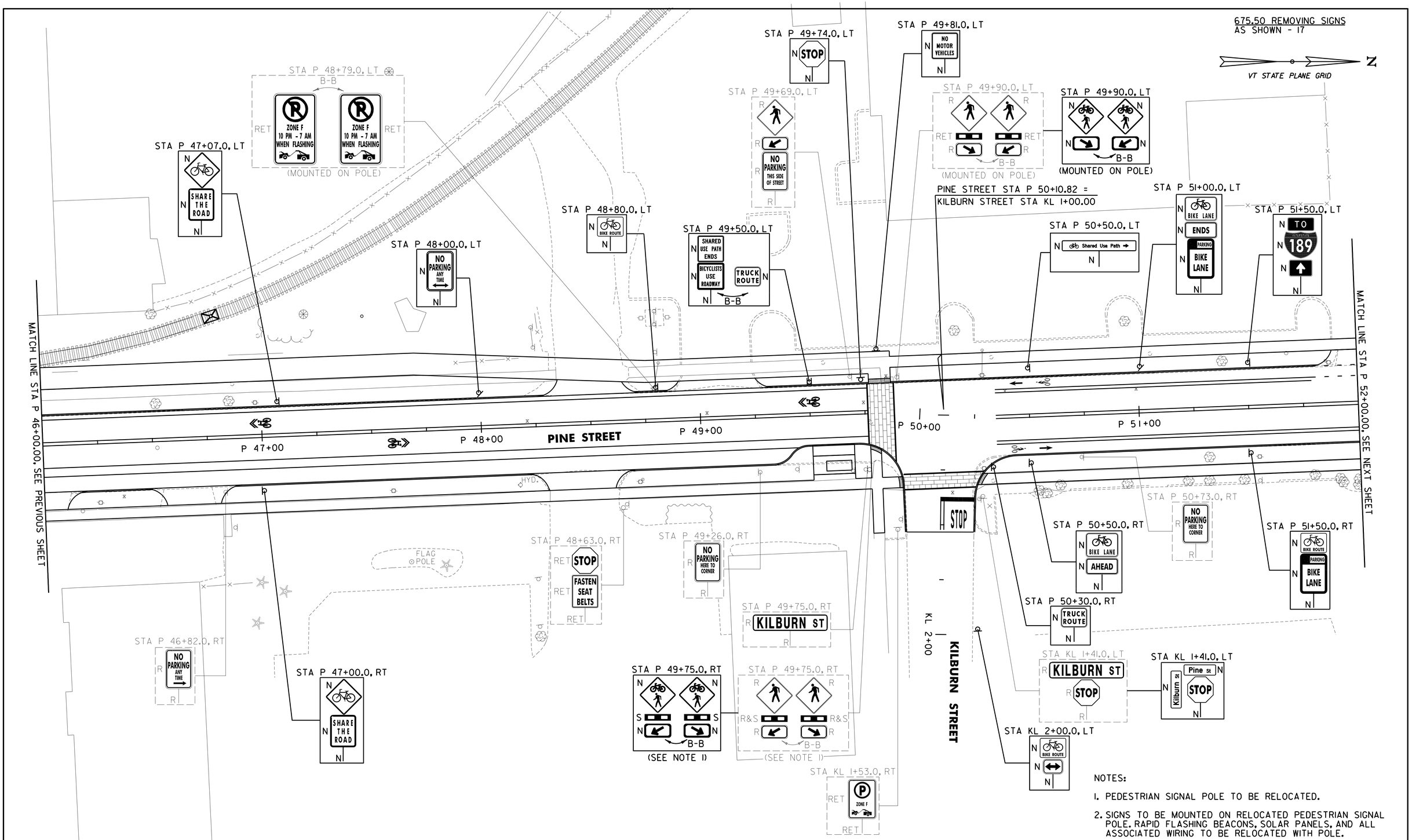
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 8 (SGN-8)	SHEET 146 OF 339

FILE NAME =\\9659\87D078\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME = 2/17/2016
USER = 4916

675.50 REMOVING SIGNS
AS SHOWN - 17

VT STATE PLANE GRID

N



NOTES:

1. PEDESTRIAN SIGNAL POLE TO BE RELOCATED.
2. SIGNS TO BE MOUNTED ON RELOCATED PEDESTRIAN SIGNAL POLE. RAPID FLASHING BEACONS, SOLAR PANELS, AND ALL ASSOCIATED WIRING TO BE RELOCATED WITH POLE.

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

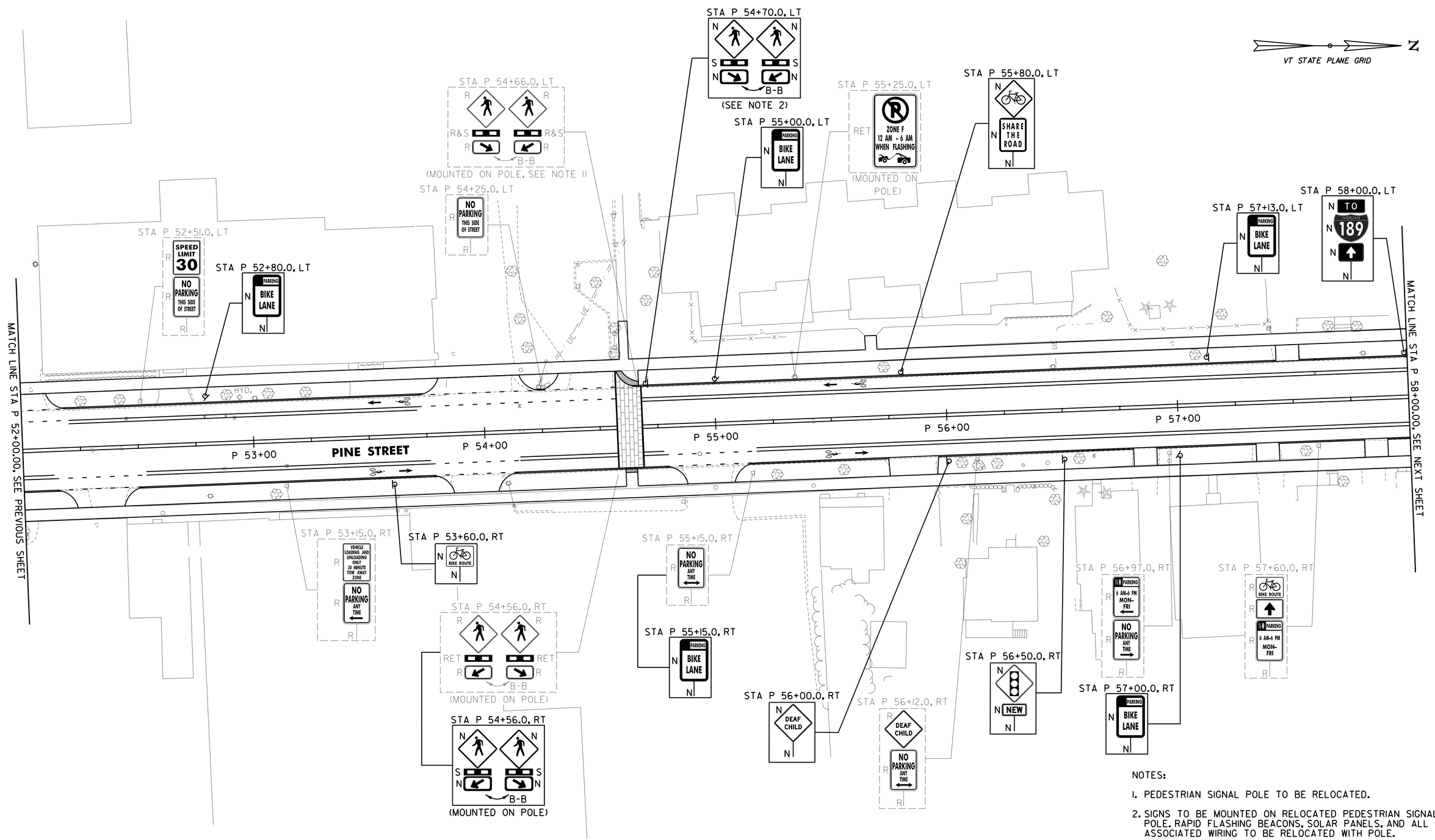
0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 9 (SGN-9)	SHEET 147 OF 339

FILE NAME =U:\8656\870078\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME = 2/17/2016
USER =4916

675.50 REMOVING SIGNS
AS SHOWN - 21



NOTES:

1. PEDESTRIAN SIGNAL POLE TO BE RELOCATED.
2. SIGNS TO BE MOUNTED ON RELOCATED PEDESTRIAN SIGNAL POLE. RAPID FLASHING BEACONS, SOLAR PANELS, AND ALL ASSOCIATED WIRING TO BE RELOCATED WITH POLE.

SIGN LEGEND

R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

0 20 40
SCALE IN FEET

CHA

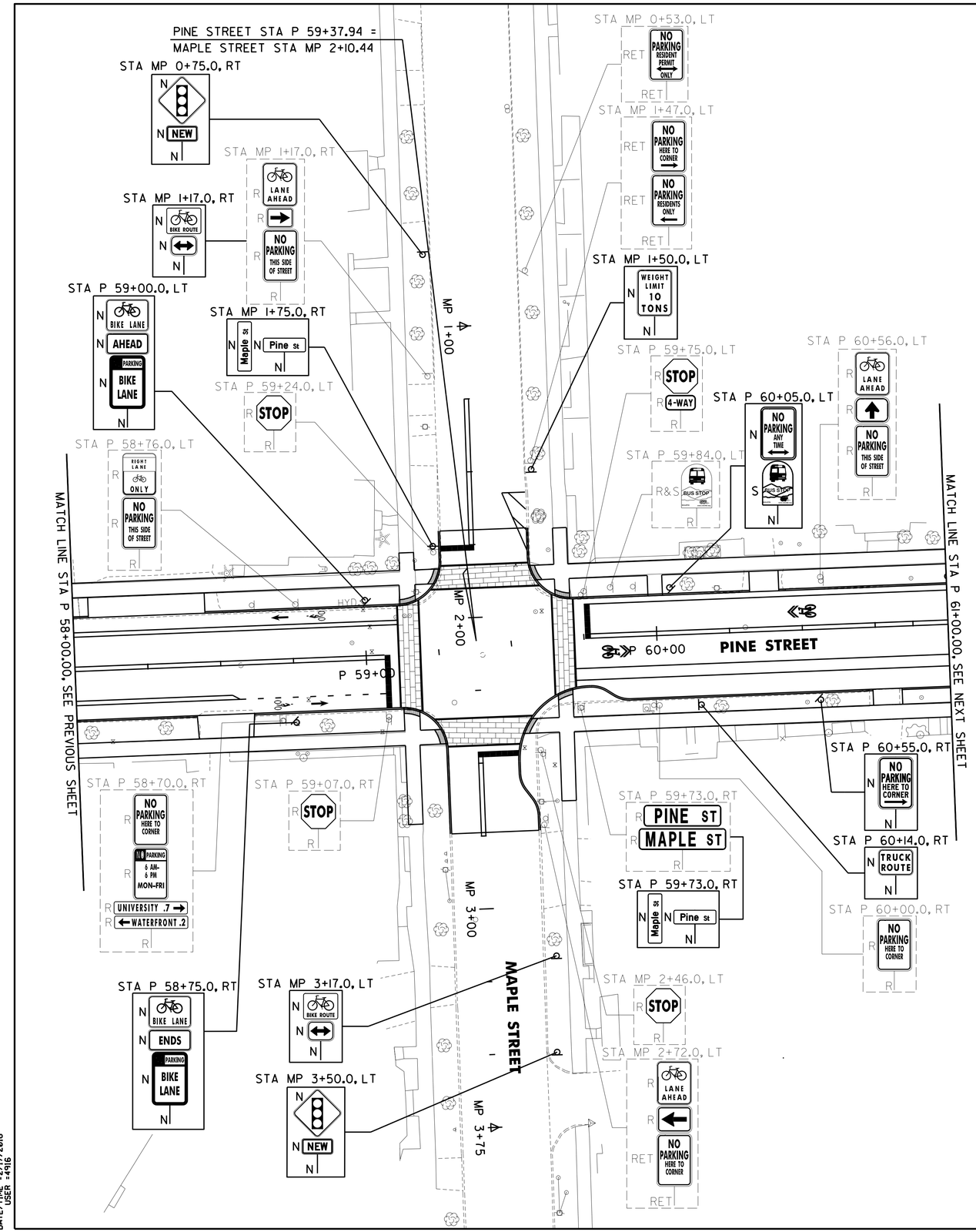
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 10 (SGN-10)	SHEET 148 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME =2/17/2016
USER =4916

675.50 REMOVING SIGNS
AS SHOWN - 23

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1

VT STATE PLANE GRID



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

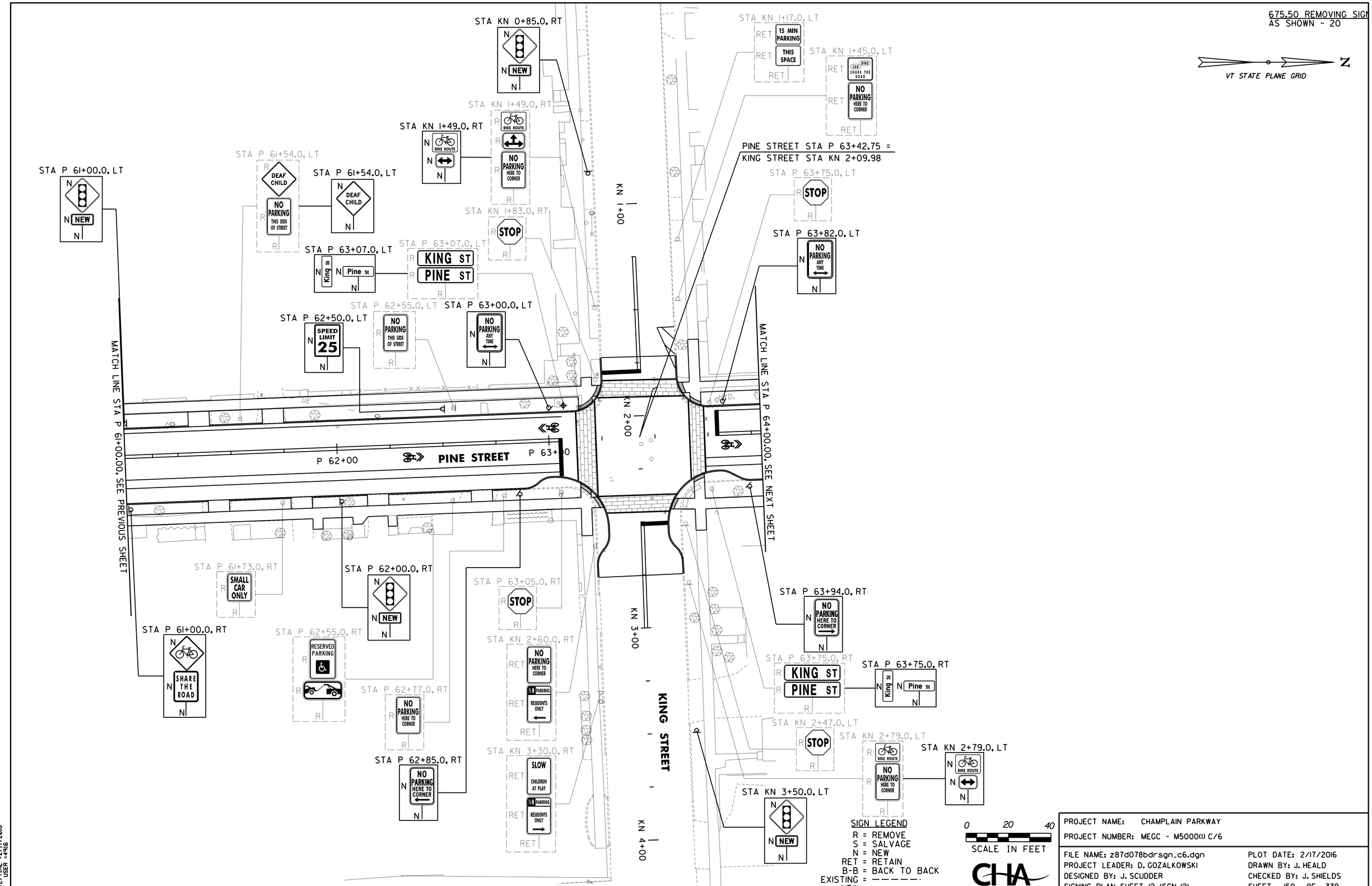
0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET II (SGN-II)	SHEET 149 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME =2/17/2016
USER =4916

675.50 REMOVING SIGN
AS SHOWN - 20

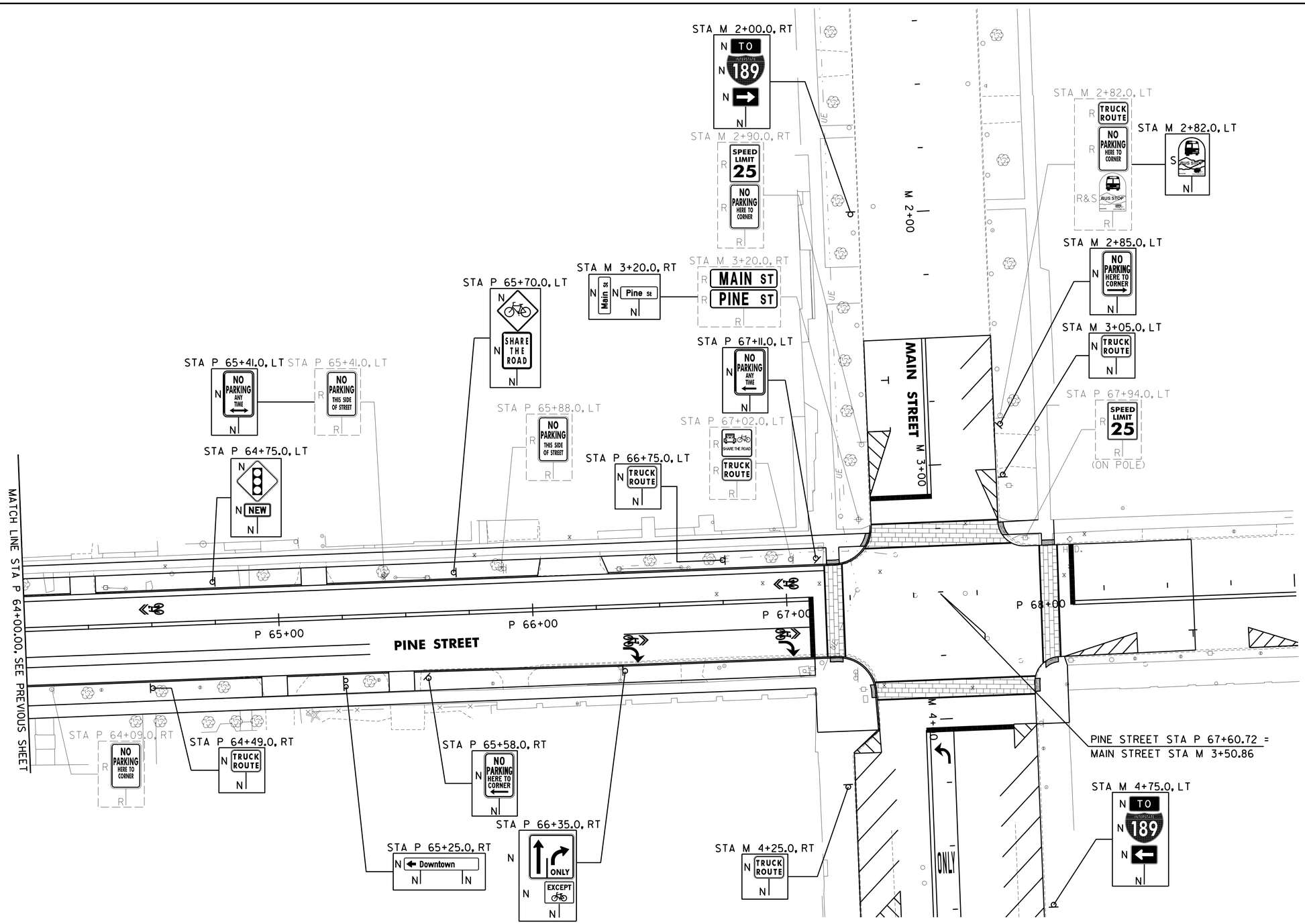


PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 12 (SGN-12)	SHEET 150 OF 339

FILE NAME =U:\8655\870078\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME =2/17/2016
USER =4916

675.50 REMOVING SIGNS
AS SHOWN - 13

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

0 20 40
SCALE IN FEET

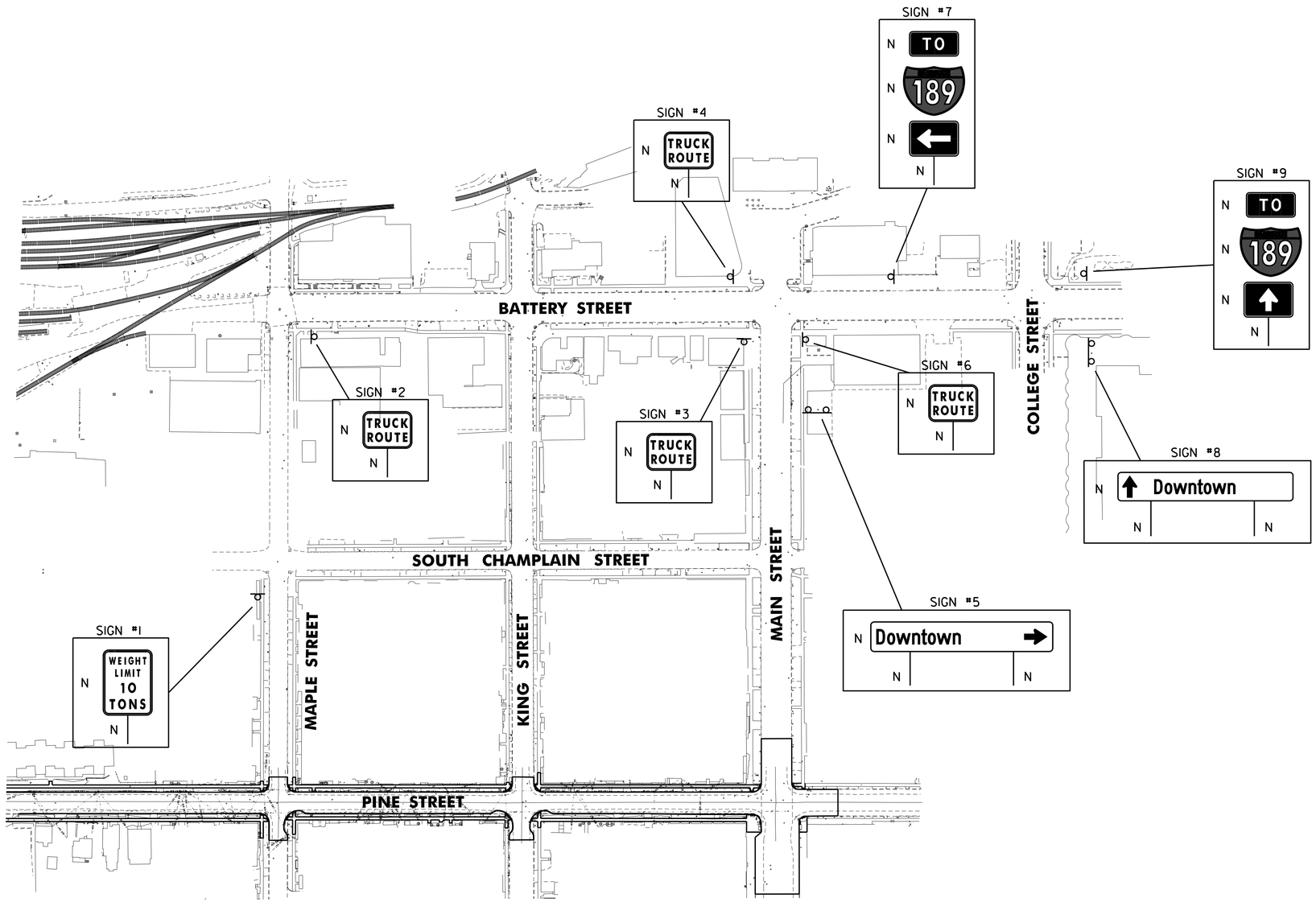
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrsgn_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGNING PLAN SHEET 13 (SGN-13)	SHEET 151 OF 339

FILE NAME =U:\8655\870078\Consultants\z87d078bdrsgn_c6.dgn
DATE/TIME =2/17/2016
USER =4916

VT STATE PLANE GRID

N



0 100 200
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078oss_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
OFF-SITE SIGNING PLAN SHEET (OSS-1)	SHEET 152 OF 339

FILE NAME =H:\865R\870078\Consultants\z87d078oss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA 221+25.00 - STA 223+32.00 EDGE LINE LT & RT
STA 221+25.00 - STA 222+82.00 SOLID LANE LINE RT
STA LA 107+00.00 - STA LA 113+00.00 EDGE LINE LT & RT
STA LA 107+00.00 - STA LA 107+72.00 SOLID LANE LINE RT
STA LA 110+05.00 - STA LA 111+45.00 SOLID LANE LINE C/L
STA LA 111+45.00 - STA LA 112+45.00 DOTTED LANE LINE C/L
STA LA 111+45.00 - STA LA 112+45.00 DOTTED LANE LINE RT
STA LA 112+45.00 - STA LA 113+00.00 SOLID LANE LINE RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA LA 107+00.00 - STA LA 113+00.00 EDGE LINE LT & RT
STA LA 107+00.00 - STA LA 107+72.00 SOLID LANE LINE RT
STA LA 110+05.00 - STA LA 111+45.00 SOLID LANE LINE C/L
STA LA 111+45.00 - STA LA 112+45.00 DOTTED LANE LINE C/L
STA LA 111+45.00 - STA LA 112+45.00 DOTTED LANE LINE RT
STA LA 112+45.00 - STA LA 113+00.00 SOLID LANE LINE RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
BURLINGTON:
STA 221+25.00 - STA 222+82.00 DOUBLE SOLID C/L
STA LA 107+00.00 - STA LA 107+72.00 DOUBLE SOLID C/L
STA LA 110+05.00 - STA LA 112+45.00 DOUBLE SOLID RT
STA LA 112+45.00 - STA LA 113+00.00 DOUBLE SOLID C/L

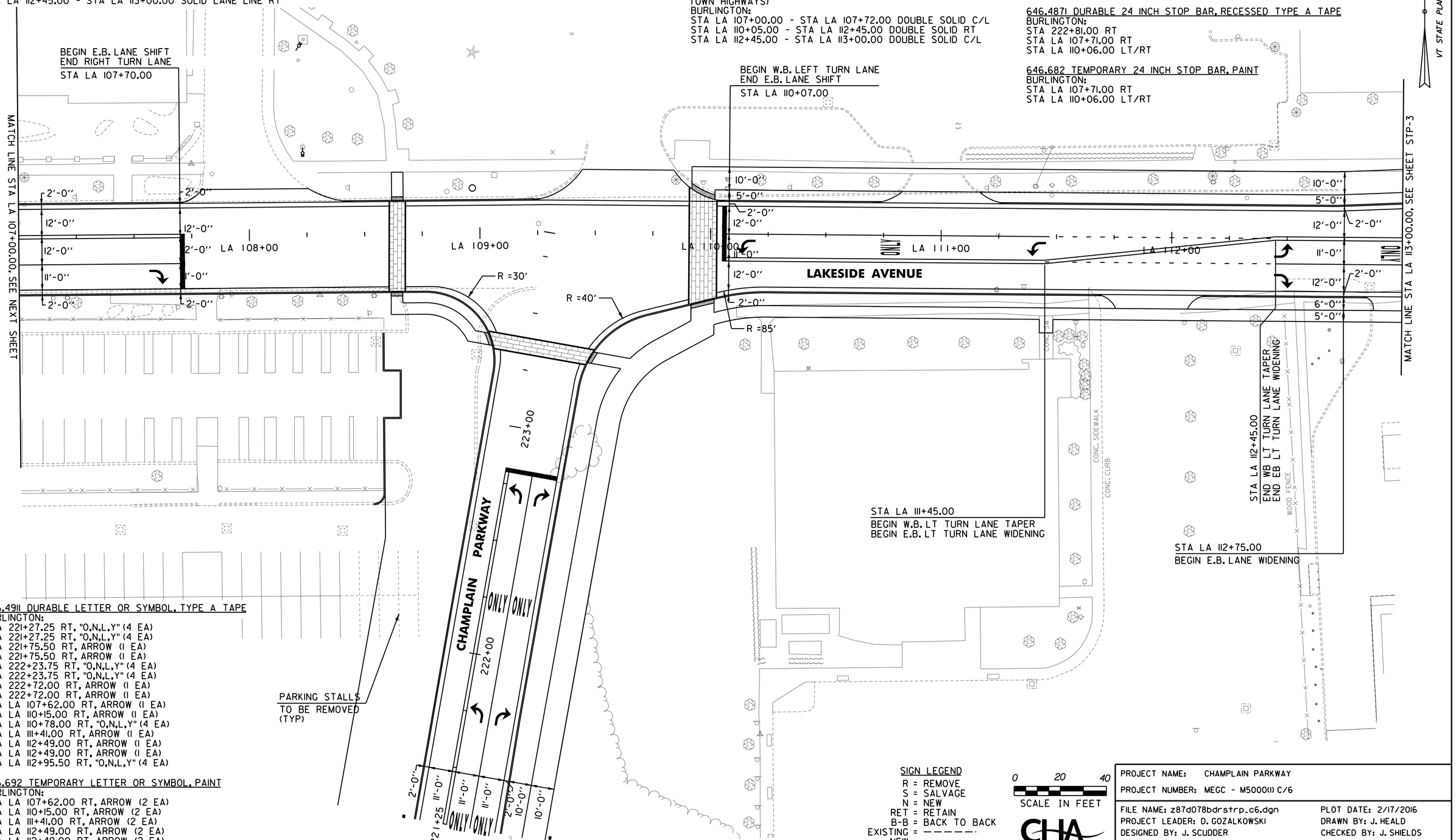
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
BURLINGTON:
STA LA 107+00.00 - STA LA 107+72.00 DOUBLE SOLID C/L
STA LA 110+05.00 - STA LA 112+45.00 DOUBLE SOLID RT
STA LA 112+45.00 - STA LA 113+00.00 DOUBLE SOLID C/L

646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA LA 108+68.00 LT/RT
STA LA 109+97.00 LT/RT

900.640 SPECIAL PROVISION (DURABLE CROSSWALK MARKING, INLAID THERMOPLASTIC)
BURLINGTON:
STA LA 223+36.00 LT/RT
STA LA 108+68.00 LT/RT
STA LA 109+97.00 LT/RT

646.4871 DURABLE 24 INCH STOP BAR, RECESSED TYPE A TAPE
BURLINGTON:
STA 222+81.00 RT
STA LA 107+71.00 RT
STA LA 110+06.00 LT/RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BURLINGTON:
STA LA 107+71.00 RT
STA LA 110+06.00 LT/RT



646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA 221+27.25 RT, "O,N,L,Y" (4 EA)
STA 221+27.25 RT, "O,N,L,Y" (4 EA)
STA 221+75.50 RT, ARROW (1 EA)
STA 221+75.50 RT, ARROW (1 EA)
STA 222+23.75 RT, "O,N,L,Y" (4 EA)
STA 222+23.75 RT, "O,N,L,Y" (4 EA)
STA 222+72.00 RT, ARROW (1 EA)
STA 222+72.00 RT, ARROW (1 EA)
STA LA 107+62.00 RT, ARROW (1 EA)
STA LA 110+15.00 RT, ARROW (1 EA)
STA LA 110+78.00 RT, "O,N,L,Y" (4 EA)
STA LA 111+41.00 RT, ARROW (1 EA)
STA LA 112+49.00 RT, ARROW (1 EA)
STA LA 112+49.00 RT, ARROW (1 EA)
STA LA 112+95.50 RT, "O,N,L,Y" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA LA 107+62.00 RT, ARROW (2 EA)
STA LA 110+15.00 RT, ARROW (2 EA)
STA LA 111+41.00 RT, ARROW (2 EA)
STA LA 112+49.00 RT, ARROW (2 EA)
STA LA 112+49.00 RT, ARROW (2 EA)

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = — — — — —
NEW = ————

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrstrp_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
STRIPING PLAN SHEET 1 (STP-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 153 OF 339

FILE NAME =U:\86591\870878\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA LA 105+50.00 - STA LA 107+00.00 EDGE LINE LT & RT
STA LA 105+50.00 - STA LA 107+00.00 SOLID LANE LINE RT

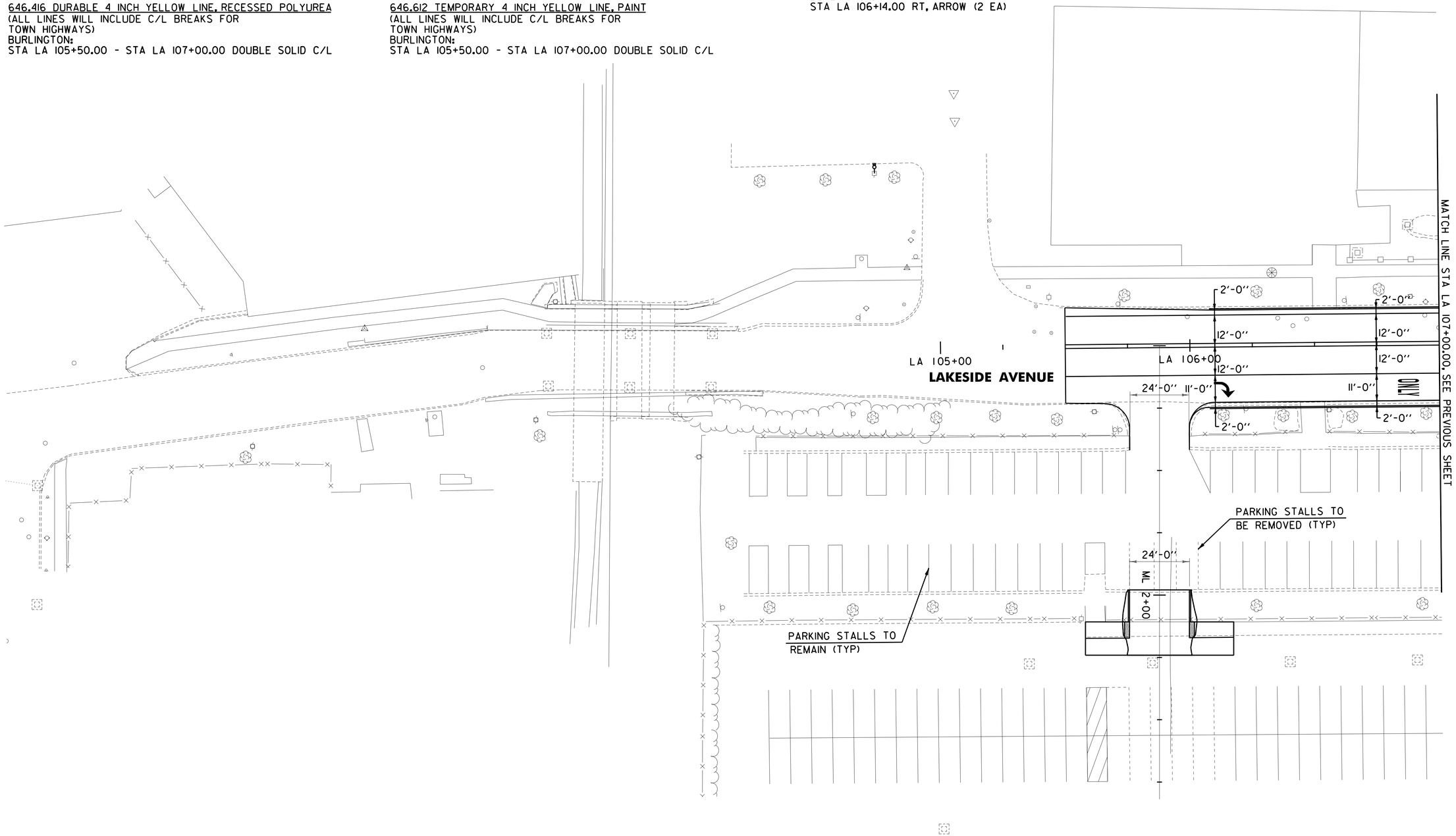
646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
BURLINGTON:
STA LA 105+50.00 - STA LA 107+00.00 DOUBLE SOLID C/L

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA LA 105+50.00 - STA LA 107+00.00 EDGE LINE LT & RT
STA LA 105+50.00 - STA LA 107+00.00 SOLID LANE LINE RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
BURLINGTON:
STA LA 105+50.00 - STA LA 107+00.00 DOUBLE SOLID C/L

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA LA 106+14.00 RT, ARROW (1 EA)
STA LA 106+88.00 RT, "O,N,L,Y" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA LA 106+14.00 RT, ARROW (2 EA)



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrstrp_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
STRIPING PLAN SHEET 2 (STP-2)	SHEET 154 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA LA 113+00.00 - STA LA 114+23.00 EDGE LINE LT & RT
STA LA 113+00.00 - STA LA 113+82.00 SOLID LANE LINE RT
STA P 10+25.00 - STA P 14+12.00 EDGE LINE RT
STA P 11+25.00 - STA P 12+25.00 DOTTED LANE LINE C/L
STA P 12+25.00 - STA P 13+72.00 SOLID LANE LINE C/L
STA P 15+33.00 - STA P 16+00.00 SOLID LANE LINE LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA LA 113+00.00 - STA LA 114+23.00 EDGE LINE LT & RT
STA LA 113+00.00 - STA LA 113+82.00 SOLID LANE LINE RT
STA P 10+25.00 - STA P 14+12.00 EDGE LINE RT
STA P 11+25.00 - STA P 12+25.00 DOTTED LANE LINE C/L
STA P 12+25.00 - STA P 13+72.00 SOLID LANE LINE C/L
STA P 15+33.00 - STA P 16+00.00 SOLID LANE LINE LT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 10+25.00 - STA P 13+86.00 BIKE LANE EDGE LINE LT
STA P 15+03.00 - STA P 16+00.00 BIKE LANE EDGE LINE RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA LA 114+30.00 LT/RT
STA P 14+16.00 LT/RT
STA P 14+97.00 LT/RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA LA 113+00.00 - STA LA 113+52.00 DOUBLE SOLID C/L
STA P 10+25.00 - STA P 12+25.00 DOUBLE SOLID MEDIAN LT & C/L
STA P 12+25.00 - STA P 13+72.00 DOUBLE SOLID LT
STA P 15+78.00 - STA P 16+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA LA 113+00.00 - STA LA 113+52.00 DOUBLE SOLID C/L
STA P 10+25.00 - STA P 12+25.00 DOUBLE SOLID MEDIAN LT & C/L
STA P 12+25.00 - STA P 13+72.00 DOUBLE SOLID LT
STA P 15+78.00 - STA P 16+00.00 DOUBLE SOLID C/L

646.456 DURABLE 8 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 10+25.00 - STA P 12+25.00 HATCHED MEDIAN LT

900.640 SPECIAL PROVISION (DURABLE CROSSWALK
MARKING, INLAID THERMOPLASTIC)
BURLINGTON:
STA LA 114+30.00 LT/RT
STA P 14+16.00 LT/RT
STA P 14+97.00 LT/RT

646.4871 DURABLE 24 INCH STOP BAR, RECESSED TYPE A TAPE
BURLINGTON:
STA LA 113+51.00 RT
STA LA 113+81.00 RT
STA P 13+71.00 LT & RT
STA P 15+34.00 LT
STA P 15+79.00 LT

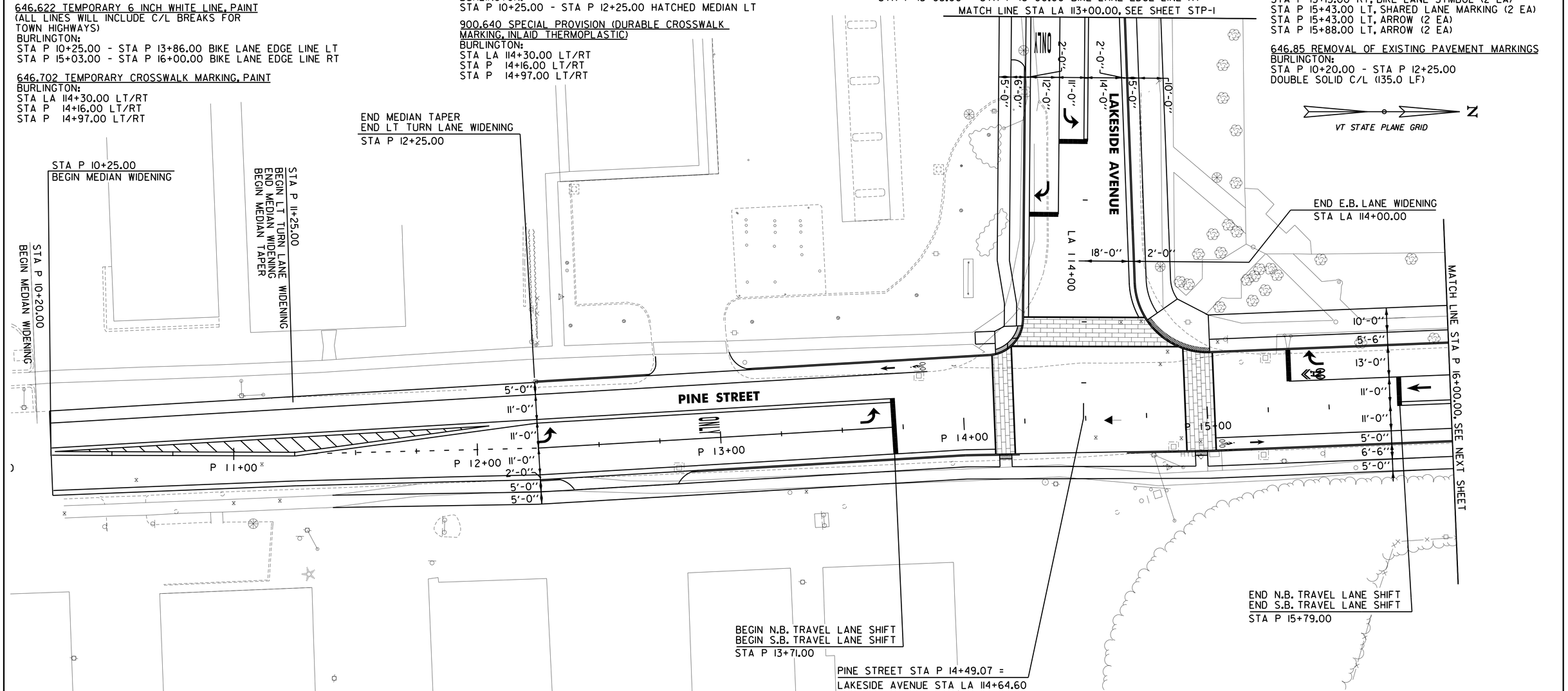
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BURLINGTON:
STA LA 113+51.00 RT
STA LA 113+81.00 RT
STA P 13+71.00 LT & RT
STA P 15+34.00 LT
STA P 15+79.00 LT

646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 10+25.00 - STA P 13+86.00 BIKE LANE EDGE LINE LT
STA P 15+03.00 - STA P 16+00.00 BIKE LANE EDGE LINE RT

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA LA 113+10.50 RT, "O,N,L,Y" (4 EA)
STA LA 113+42.00 RT, ARROW (1 EA)
STA LA 113+72.00 RT, ARROW (1 EA)
STA P 12+29.00 LT, ARROW (1 EA)
STA P 12+95.50 LT, "O,N,L,Y" (4 EA)
STA P 13+62.00 LT, ARROW (1 EA)
STA P 13+76.00 LT, BIKE LANE SYMBOL (1 EA)
STA P 15+13.00 RT, BIKE LANE SYMBOL (1 EA)
STA P 15+43.00 LT, SHARED LANE MARKING (1 EA)
STA P 15+43.00 LT, ARROW (1 EA)
STA P 15+88.00 LT, ARROW (1 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA LA 113+42.00 RT, ARROW (2 EA)
STA LA 113+72.00 RT, ARROW (2 EA)
STA P 12+29.00 LT, ARROW (2 EA)
STA P 13+62.00 LT, ARROW (2 EA)
STA P 13+76.00 LT, BIKE LANE SYMBOL (2 EA)
STA P 15+13.00 RT, BIKE LANE SYMBOL (2 EA)
STA P 15+43.00 LT, SHARED LANE MARKING (2 EA)
STA P 15+43.00 LT, ARROW (2 EA)
STA P 15+88.00 LT, ARROW (2 EA)

646.85 REMOVAL OF EXISTING PAVEMENT MARKINGS
BURLINGTON:
STA P 10+20.00 - STA P 12+25.00
DOUBLE SOLID C/L (135.0 LF)



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrstrp_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
STRIPING PLAN SHEET 3 (STP-3)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 155 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdrstrp.c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 16+00.00 - STA P 18+00.00 SOLID LANE LINE LT
STA P 18+00.00 - STA P 19+00.00 DOTTED LANE LINE LT
STA P 18+00.00 - STA P 19+77.00 NO PARKING EDGE LINE RT
STA P 20+71.00 - STA P 22+00.00 EDGE LINE LT & RT
STA P 20+71.00 - STA P 22+00.00 SOLID BUFFER LINE RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 16+00.00 - STA P 18+00.00 SOLID LANE LINE LT
STA P 18+00.00 - STA P 19+00.00 DOTTED LANE LINE LT
STA P 18+00.00 - STA P 19+77.00 NO PARKING EDGE LINE RT
STA P 20+71.00 - STA P 22+00.00 EDGE LINE LT & RT
STA P 20+71.00 - STA P 22+00.00 SOLID BUFFER LINE RT

646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 16+00.00 - STA P 19+72.00 BIKE LANE LINE RT
STA P 19+72.00 - STA P 20+20.00 DOTTED BIKE LANE LINE RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 16+00.00 - STA P 19+72.00 BIKE LANE LINE RT
STA P 19+72.00 - STA P 20+20.00 DOTTED BIKE LANE LINE RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 16+00.00 - STA P 18+00.00 DOUBLE SOLID C/L
STA P 18+00.00 - STA P 20+00.00 DOUBLE SOLID MEDIAN LT & C/L
STA P 20+00.00 - STA P 22+00.00 DOUBLE SOLID C/L
STA LC 1+40 - STA LC 1+55.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 16+00.00 - STA P 18+00.00 DOUBLE SOLID C/L
STA P 18+00.00 - STA P 20+00.00 DOUBLE SOLID MEDIAN LT & C/L
STA P 20+00.00 - STA P 22+00.00 DOUBLE SOLID C/L
STA LC 1+40.00 - STA LC 1+55.00 DOUBLE SOLID C/L

646.4871 DURABLE 24 INCH STOP BAR, RECESSED TYPE A TAPE
BURLINGTON:
STA LC 1+41.00 LT

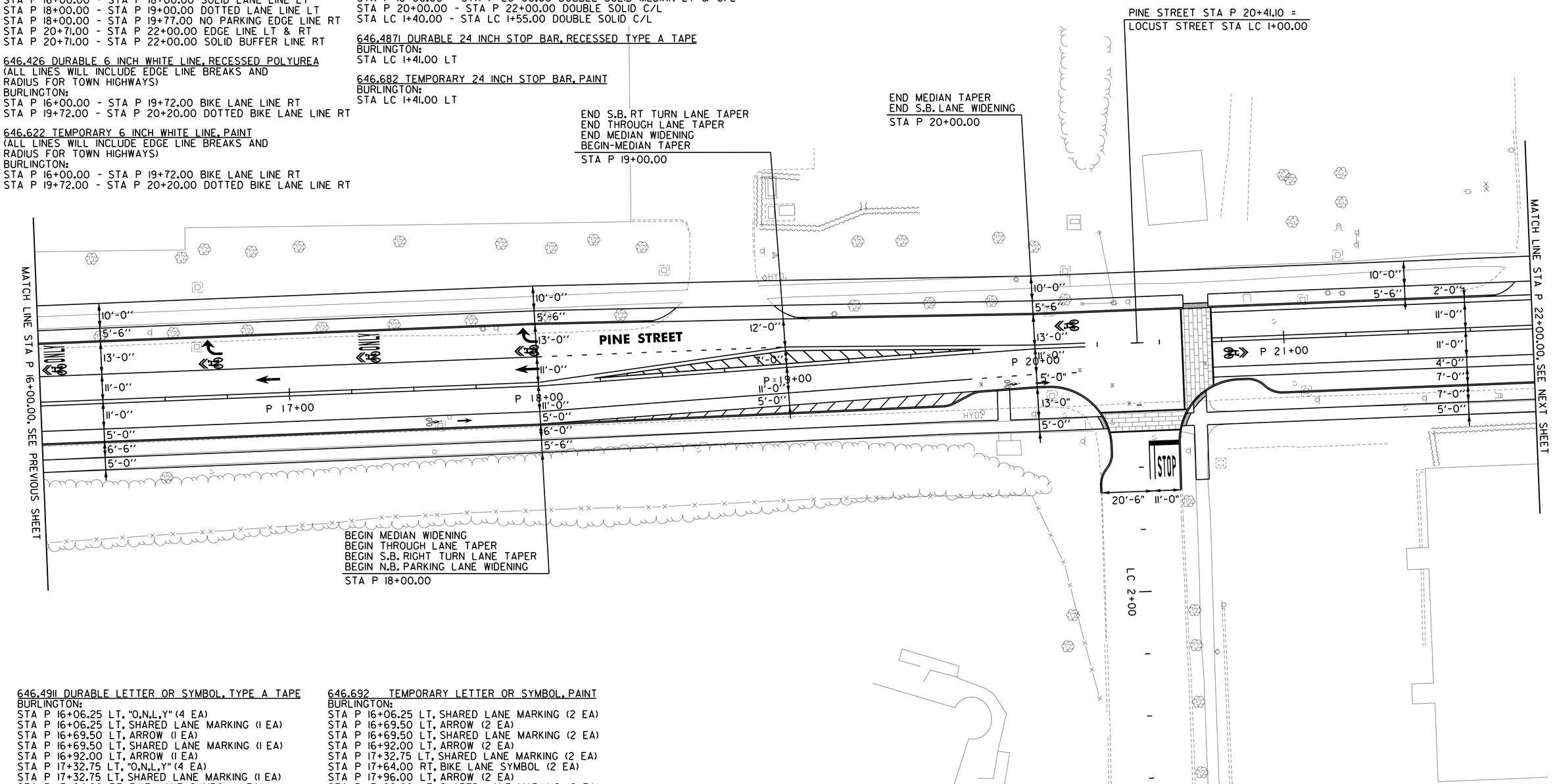
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BURLINGTON:
STA LC 1+41.00 LT

646.446 DURABLE 8 INCH WHITE LINE, RECESSED POLYUREA
BURLINGTON:
STA P 18+00.00 - STA P 19+77.00 HATCHED AREA RT

646.456 DURABLE 8 INCH YELLOW LINE, RECESSED POLYUREA
BURLINGTON:
STA P 18+00.00 - STA P 20+00.00 HATCHED MEDIAN LT & RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA P 20+41.10 RT, LOCUST STREET
STA P 20+65.00 LT & RT

900.640 SPECIAL PROVISION (DURABLE CROSSWALK
MARKING, INLAID THERMOPLASTIC)
BURLINGTON:
STA P 20+41.10 RT, LOCUST STREET
STA P 20+65.00 LT & RT



646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA P 16+06.25 LT, "O,N,L,Y" (4 EA)
STA P 16+06.25 LT, SHARED LANE MARKING (1 EA)
STA P 16+69.50 LT, ARROW (1 EA)
STA P 16+69.50 LT, SHARED LANE MARKING (1 EA)
STA P 16+92.00 LT, ARROW (1 EA)
STA P 17+32.75 LT, "O,N,L,Y" (4 EA)
STA P 17+32.75 LT, SHARED LANE MARKING (1 EA)
STA P 17+64.00 RT, BIKE LANE SYMBOL (1 EA)
STA P 17+96.00 LT, ARROW (1 EA)
STA P 17+96.00 LT, SHARED LANE MARKING (1 EA)
STA P 17+96.00 LT, ARROW (1 EA)
STA P 19+95.00 RT, BIKE LANE SYMBOL (1 EA)
STA P 20+13.00 LT, SHARED LANE MARKING (1 EA)
STA LC 1+50.00 LT, "S,T,O,P" (4 EA)
STA P 20+80.00 RT, SHARED LANE MARKING (1 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA P 16+06.25 LT, SHARED LANE MARKING (2 EA)
STA P 16+69.50 LT, ARROW (2 EA)
STA P 16+69.50 LT, SHARED LANE MARKING (2 EA)
STA P 16+92.00 LT, ARROW (2 EA)
STA P 17+32.75 LT, SHARED LANE MARKING (2 EA)
STA P 17+64.00 RT, BIKE LANE SYMBOL (2 EA)
STA P 17+96.00 LT, ARROW (2 EA)
STA P 17+96.00 LT, SHARED LANE MARKING (2 EA)
STA P 17+96.00 LT, ARROW (2 EA)
STA P 19+95.00 RT, BIKE LANE SYMBOL (2 EA)
STA P 20+13.00 LT, SHARED LANE MARKING (2 EA)
STA LC 1+50.00 LT, "S,T,O,P" (8 EA)
STA P 20+80.00 RT, SHARED LANE MARKING (2 EA)

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M50001(1) C/6

FILE NAME: z87d078bdrstrp_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
STRIPING PLAN SHEET 4 (STP-4)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 156 OF 339

FILE NAME =U:\8658\970078\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 22+00.00 - STA P 28+00.00 DOUBLE SOLID C/L

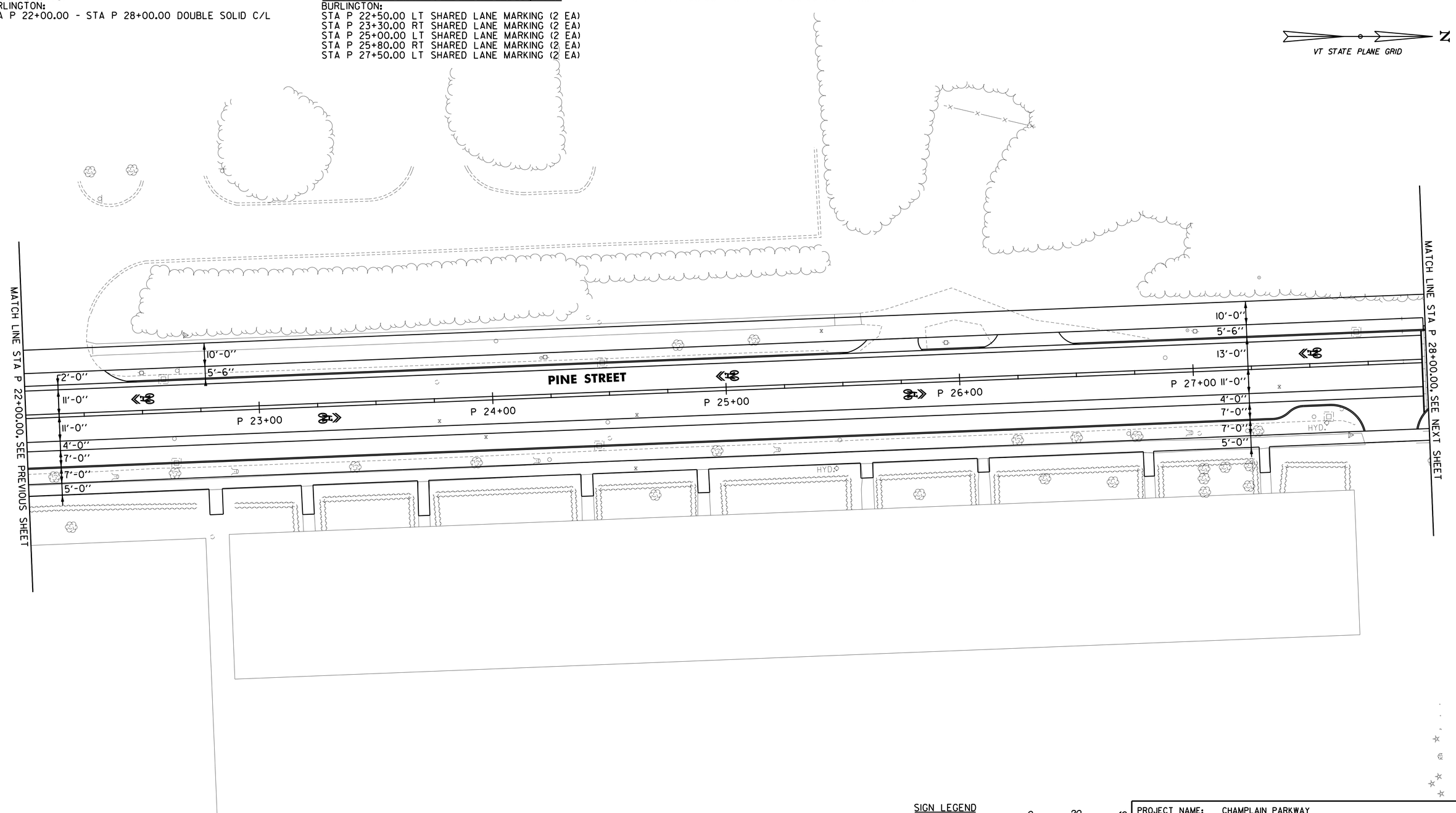
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 22+00.00 - STA P 28+00.00 DOUBLE SOLID C/L

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA P 22+50.00 LT SHARED LANE MARKING (1 EA)
STA P 23+30.00 RT SHARED LANE MARKING (1 EA)
STA P 25+00.00 LT SHARED LANE MARKING (1 EA)
STA P 25+80.00 RT SHARED LANE MARKING (1 EA)
STA P 27+50.00 LT SHARED LANE MARKING (1 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA P 22+50.00 LT SHARED LANE MARKING (2 EA)
STA P 23+30.00 RT SHARED LANE MARKING (2 EA)
STA P 25+00.00 LT SHARED LANE MARKING (2 EA)
STA P 25+80.00 RT SHARED LANE MARKING (2 EA)
STA P 27+50.00 LT SHARED LANE MARKING (2 EA)

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
BURLINGTON:
STA P 22+00.00 - STA P 28+00.00 EDGE LINE LT & RT
STA P 22+00.00 - STA P 28+00.00 SOLID BUFFER LINE RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
BURLINGTON:
STA P 22+00.00 - STA P 28+00.00 EDGE LINE LT & RT
STA P 22+00.00 - STA P 28+00.00 SOLID BUFFER LINE RT



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrstrp_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
STRIPING PLAN SHEET 5 (STP-5)	SHEET 157 OF 339

FILE NAME =U:\8659\87D078\Consultants\z87d078bdrstrp.c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 28+00.00 - STA P 34+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 28+00.00 - STA P 34+00.00 DOUBLE SOLID C/L

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA P 28+30.00 RT SHARED LANE MARKING (1 EA)
STA P 30+35.00 LT SHARED LANE MARKING (1 EA)
STA P 30+80.00 RT SHARED LANE MARKING (1 EA)
STA P 32+85.00 LT SHARED LANE MARKING (1 EA)
STA P 33+30.00 RT SHARED LANE MARKING (1 EA)

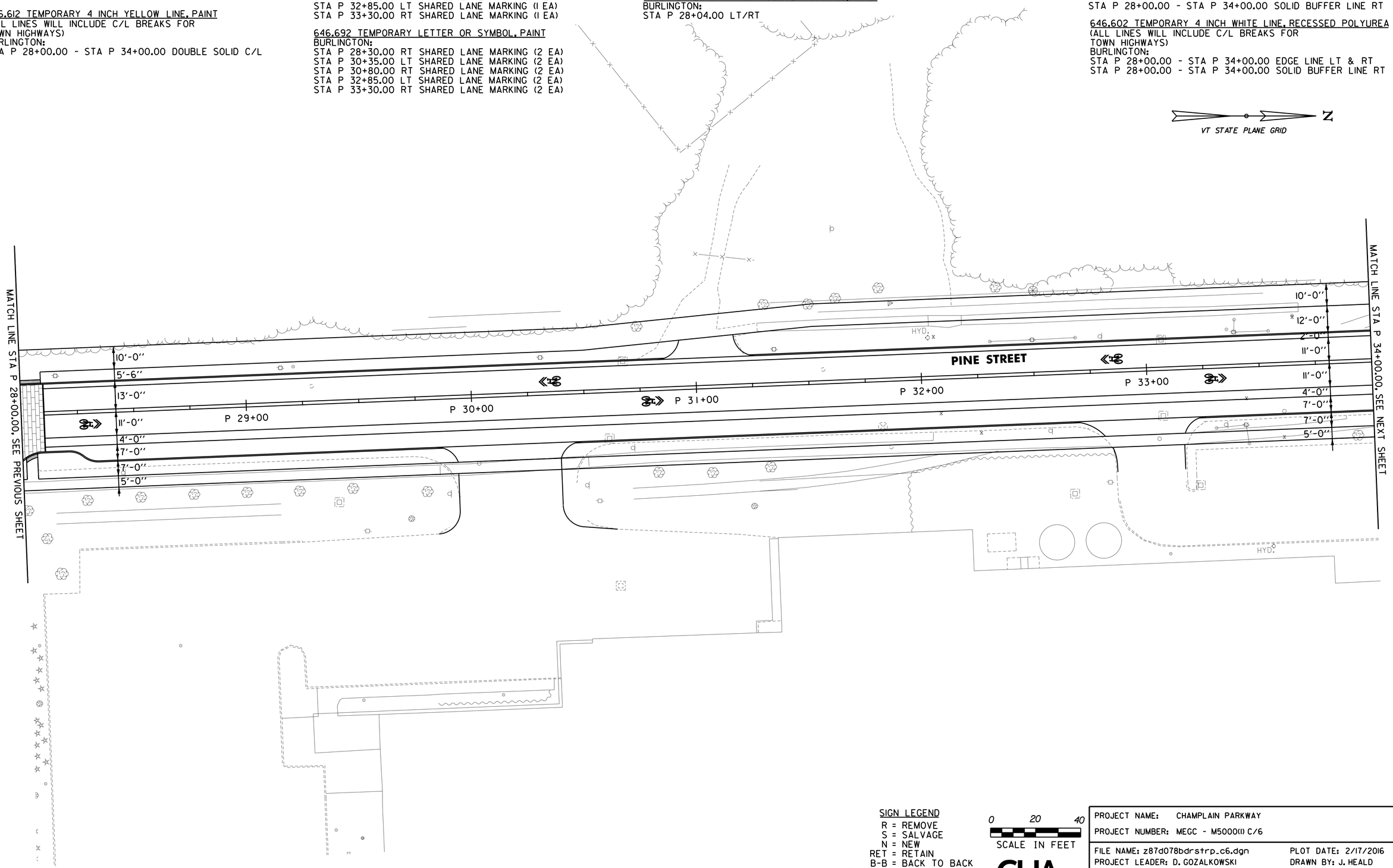
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA P 28+30.00 RT SHARED LANE MARKING (2 EA)
STA P 30+35.00 LT SHARED LANE MARKING (2 EA)
STA P 30+80.00 RT SHARED LANE MARKING (2 EA)
STA P 32+85.00 LT SHARED LANE MARKING (2 EA)
STA P 33+30.00 RT SHARED LANE MARKING (2 EA)

900.640 SPECIAL PROVISION (DURABLE CROSSWALK MARKINGS, INLAID THERMOPLASTIC)
BURLINGTON:
STA P 28+04.00 LT/RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA P 28+04.00 LT/RT

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 28+00.00 - STA P 34+00.00 EDGE LINE LT & RT
STA P 28+00.00 - STA P 34+00.00 SOLID BUFFER LINE RT

646.602 TEMPORARY 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 28+00.00 - STA P 34+00.00 EDGE LINE LT & RT
STA P 28+00.00 - STA P 34+00.00 SOLID BUFFER LINE RT



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrstrp_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
STRIPING PLAN SHEET 6 (STP-6)	SHEET 158 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 34+00.0 - STA P 40+00.00 DOUBLE SOLID C/L
STA HW 1+39.00 - STA HW 1+55.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 34+00.0 - STA P 40+00.00 DOUBLE SOLID C/L
STA HW 1+39.00 - STA HW 1+55.00 DOUBLE SOLID C/L

900.640 SPECIAL PROVISION (DURABLE CROSSWALK MARKING, INLAID THERMOPLASTIC)
BURLINGTON:
STA P 35+50.00 LT & RT
STA P 35+84.81 RT, HOWARD STREET
STA P 36+12.00 LT & RT
STA P 39+43.00 LT & RT

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 34+00.00 - STA P 40+00.00 EDGE LINE LT & RT
STA P 34+00.00 - STA P 40+00.00 SOLID BUFFER LINE RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 34+00.00 - STA P 40+00.00 EDGE LINE LT & RT
STA P 34+00.00 - STA P 40+00.00 SOLID BUFFER LINE RT

646.4871 DURABLE 24 INCH STOP BAR, RECESSED TYPE A TAPE
BURLINGTON:
STA HW 1+40.00 LT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BURLINGTON:
STA HW 1+40.00 LT

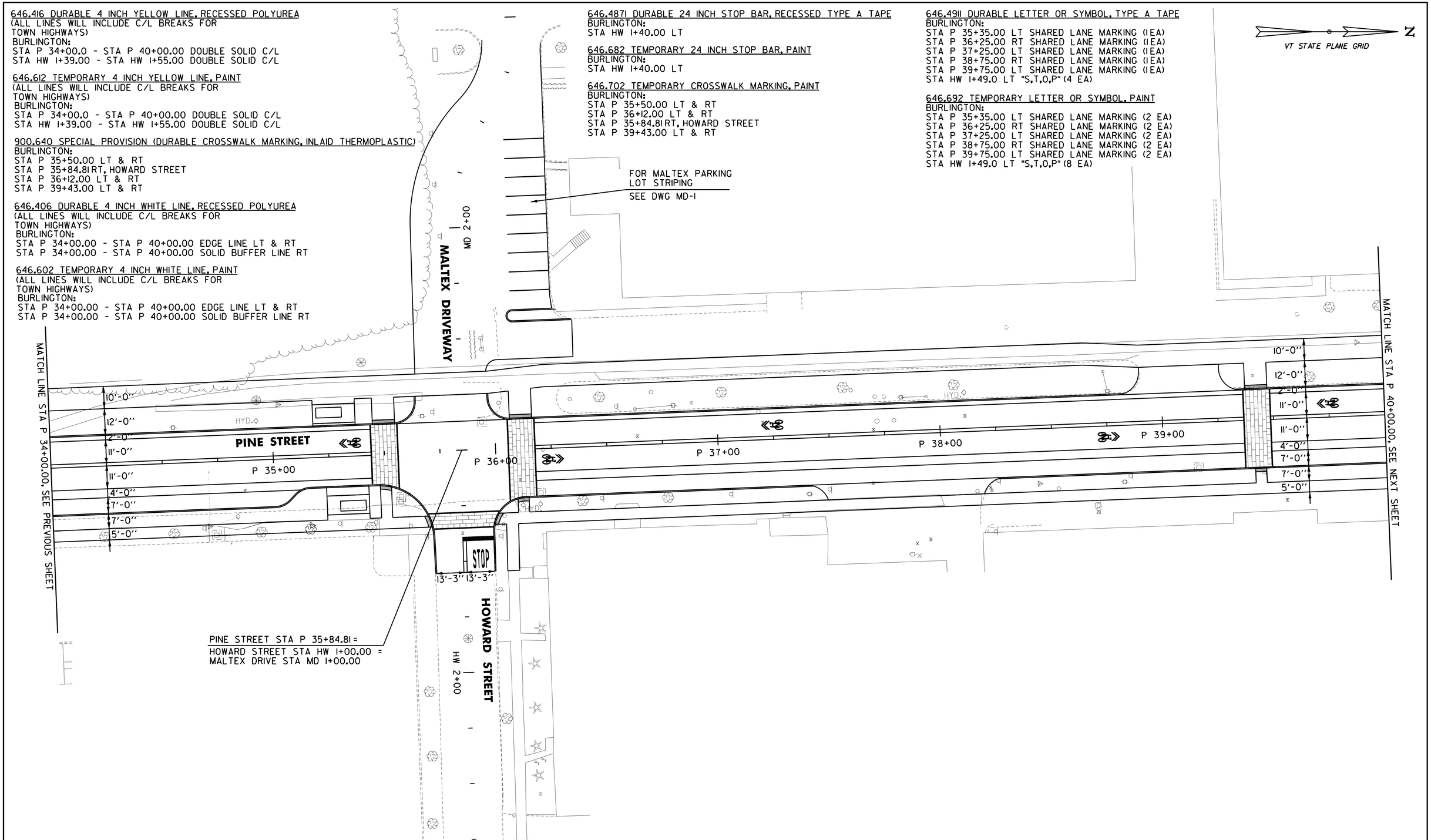
646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA P 35+50.00 LT & RT
STA P 36+12.00 LT & RT
STA P 35+84.81 RT, HOWARD STREET
STA P 39+43.00 LT & RT

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA P 35+35.00 LT SHARED LANE MARKING (1 EA)
STA P 36+25.00 RT SHARED LANE MARKING (1 EA)
STA P 37+25.00 LT SHARED LANE MARKING (1 EA)
STA P 38+75.00 RT SHARED LANE MARKING (1 EA)
STA P 39+75.00 LT SHARED LANE MARKING (1 EA)
STA HW 1+49.0 LT "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA P 35+35.00 LT SHARED LANE MARKING (2 EA)
STA P 36+25.00 RT SHARED LANE MARKING (2 EA)
STA P 37+25.00 LT SHARED LANE MARKING (2 EA)
STA P 38+75.00 RT SHARED LANE MARKING (2 EA)
STA P 39+75.00 LT SHARED LANE MARKING (2 EA)
STA HW 1+49.0 LT "S,T,O,P" (8 EA)

FOR MALTEX PARKING
LOT STRIPING
SEE DWG MD-1

VT STATE PLANE GRID



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrstrp_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
STRIPING PLAN SHEET 7 (STP-7)	SHEET 159 OF 339

FILE NAME =U:\8659\87D078\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 40+00.00 - STA P 46+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 40+00.00 - STA P 46+00.00 DOUBLE SOLID C/L

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 40+00.00 - STA P 46+00.00 EDGE LINE LT & RT
STA P 40+00.00 - STA P 46+00.00 SOLID BUFFER LINE RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 40+00.00 - STA P 46+00.00 EDGE LINE LT & RT
STA P 40+00.00 - STA P 46+00.00 SOLID BUFFER LINE RT

646.4871 DURABLE 24 INCH STOP BAR, RECESSED TYPE A TAPE
BURLINGTON:
STA MA 1+40.00 LT/RT

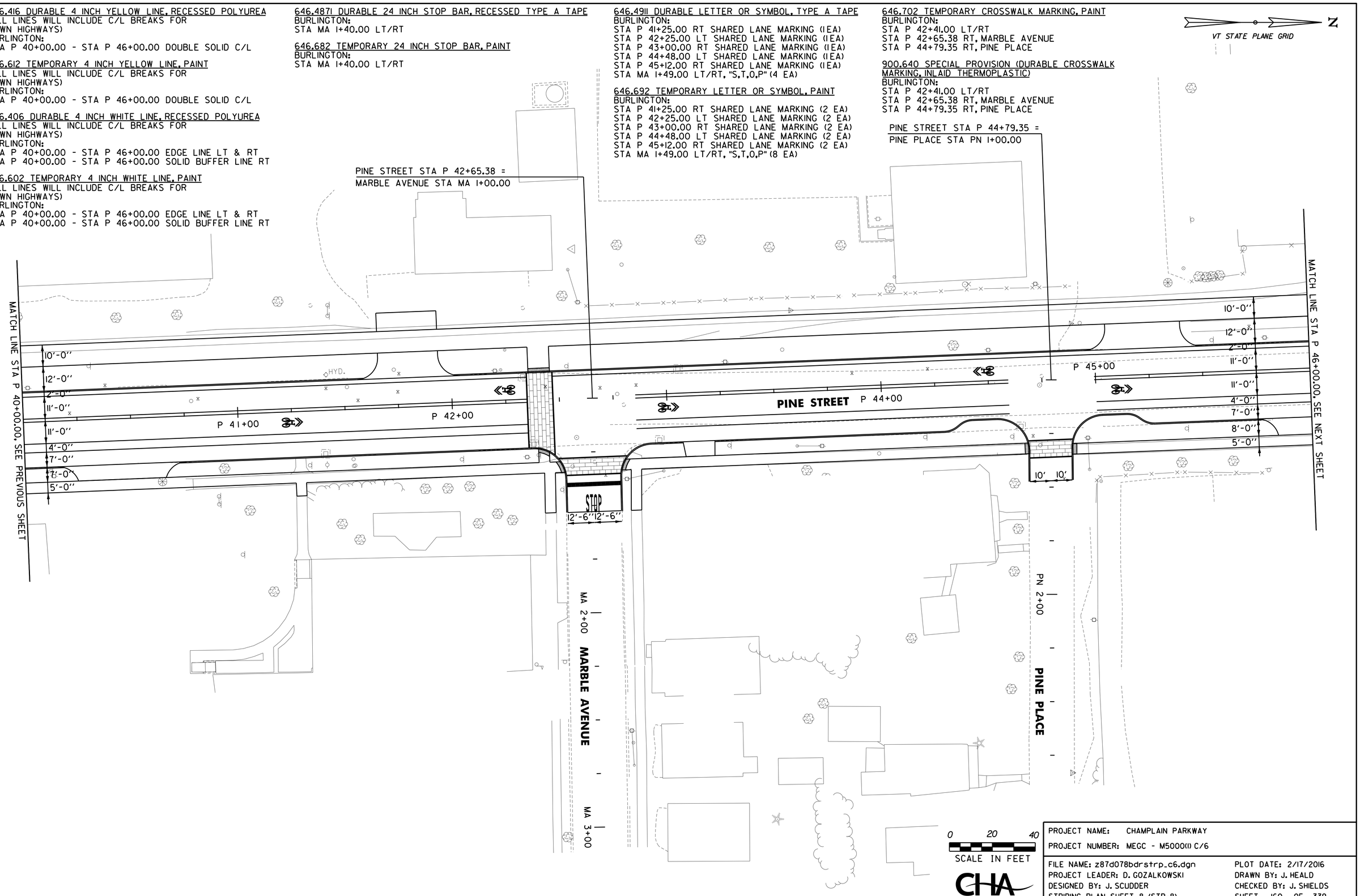
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BURLINGTON:
STA MA 1+40.00 LT/RT

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA P 41+25.00 RT SHARED LANE MARKING (1 EA)
STA P 42+25.00 LT SHARED LANE MARKING (1 EA)
STA P 43+00.00 RT SHARED LANE MARKING (1 EA)
STA P 44+48.00 LT SHARED LANE MARKING (1 EA)
STA P 45+12.00 RT SHARED LANE MARKING (1 EA)
STA MA 1+49.00 LT/RT, "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA P 41+25.00 RT SHARED LANE MARKING (2 EA)
STA P 42+25.00 LT SHARED LANE MARKING (2 EA)
STA P 43+00.00 RT SHARED LANE MARKING (2 EA)
STA P 44+48.00 LT SHARED LANE MARKING (2 EA)
STA P 45+12.00 RT SHARED LANE MARKING (2 EA)
STA MA 1+49.00 LT/RT, "S,T,O,P" (8 EA)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA P 42+41.00 LT/RT
STA P 42+65.38 RT, MARBLE AVENUE
STA P 44+79.35 RT, PINE PLACE

900.640 SPECIAL PROVISION (DURABLE CROSSWALK
MARKING, INLAID THERMOPLASTIC)
BURLINGTON:
STA P 42+41.00 LT/RT
STA P 42+65.38 RT, MARBLE AVENUE
STA P 44+79.35 RT, PINE PLACE



PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrstrp_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
STRIPING PLAN SHEET 8 (STP-8)	SHEET 160 OF 339

FILE NAME =U:\9659\87D078\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 46+00.00 - STA P 52+00.00 DOUBLE SOLID C/L
STA KL 1+37.00 - STA KL 1+52.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 46+00.00 - STA P 52+00.00 DOUBLE SOLID C/L
STA KL 1+37.00 - STA KL 1+52.00 DOUBLE SOLID C/L

900.640 SPECIAL PROVISION (DURABLE CROSSWALK MARKING, INLAID THERMOPLASTIC)
BURLINGTON:
STA P 49+82.00 LT/RT
STA P 50+10.82 RT, KILBURN STREET

646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
BURLINGTON:
STA P 50+35.00 - STA P 51+79.00 BIKE LANE LINE LT
STA P 50+35.00 - STA P 52+00.00 BIKE LANE LINE RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
BURLINGTON:
STA P 50+35.00 - STA P 51+79.00 BIKE LANE LINE LT
STA P 50+35.00 - STA P 52+00.00 BIKE LANE LINE RT

646.4871 DURABLE 24 INCH STOP BAR, RECESSED TYPE A TAPE
BURLINGTON:
STA KL 1+38.00 LT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BURLINGTON:
STA KL 1+38.00 LT

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA KL 1+47.00 LT, "S,T,O,P" (4 EA)
STA P 47+00.00 LT SHARED LANE MARKING (1 EA)
STA P 47+61.00 RT SHARED LANE MARKING (1 EA)
STA P 49+50.00 LT SHARED LANE MARKING (1 EA)
STA P 50+50.00 LT, BIKE LANE SYMBOL (1 EA)
STA P 50+50.00 RT, BIKE LANE SYMBOL (1 EA)

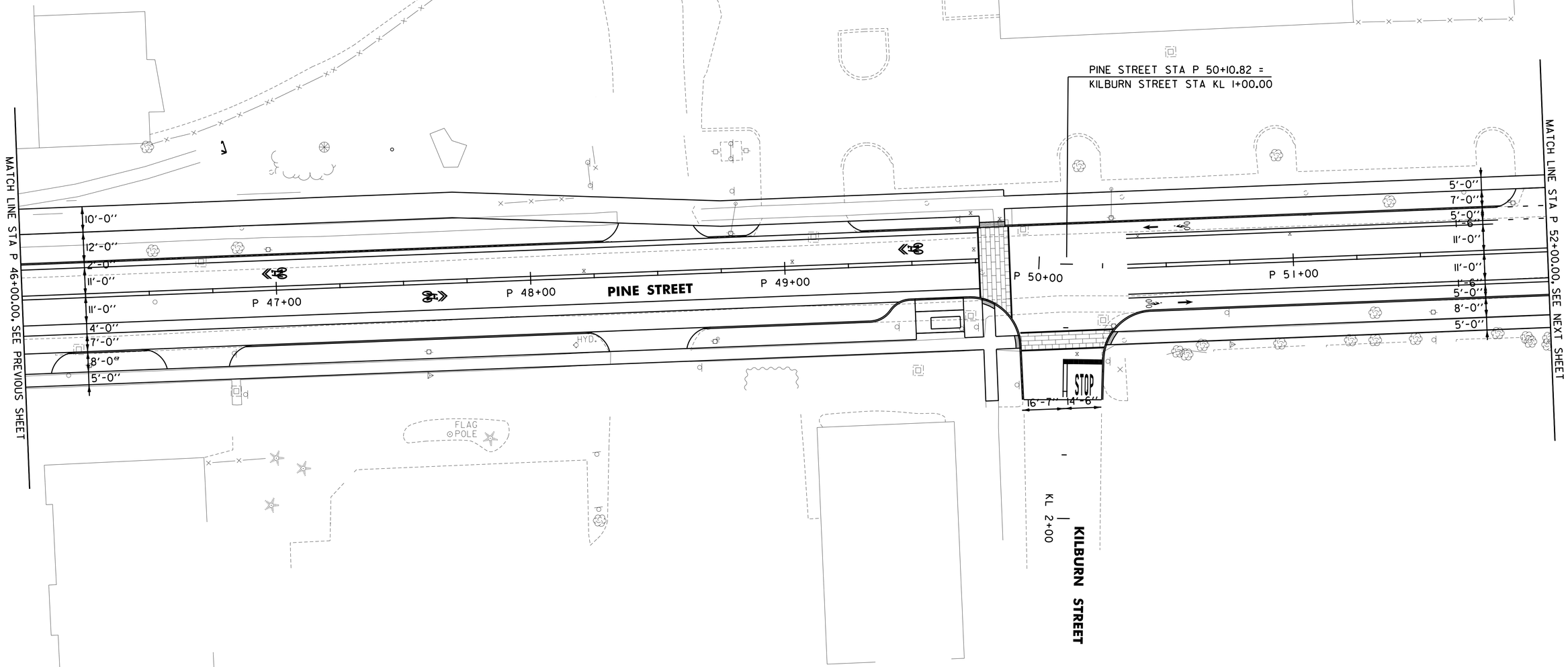
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA KL 1+47.00 LT, "S,T,O,P" (8 EA)
STA P 47+00.00 LT SHARED LANE MARKING (2 EA)
STA P 47+61.00 RT SHARED LANE MARKING (2 EA)
STA P 49+50.00 LT SHARED LANE MARKING (2 EA)
STA P 50+50.00 LT, BIKE LANE SYMBOL (2 EA)
STA P 50+50.00 RT, BIKE LANE SYMBOL (2 EA)

646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA P 49+82.00 LT/RT
STA P 50+10.82 RT, KILBURN STREET

VT STATE PLANE GRID
N

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
BURLINGTON:
STA P 46+00.00 - STA P 49+76.00 EDGE LINE LT & RT
STA P 46+00.00 - STA P 49+44.00 SOLID BUFFER LINE RT
STA P 50+35.00 - STA P 51+79.00 BIKE LANE LINE LT
STA P 50+35.00 - STA P 52+00.00 BIKE LANE LINE RT
STA P 51+79.00 - STA P 52+00.00 DOTTED BIKE LANE LINE LT
STA P 51+79.00 - STA P 52+00.00 DOTTED BIKE LANE LINE LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
BURLINGTON:
STA P 46+00.00 - STA P 49+76.00 EDGE LINE LT & RT
STA P 46+00.00 - STA P 49+44.00 SOLID BUFFER LINE RT
STA P 50+35.00 - STA P 51+79.00 BIKE LANE LINE LT
STA P 50+35.00 - STA P 52+00.00 BIKE LANE LINE RT
STA P 51+79.00 - STA P 52+00.00 DOTTED BIKE LANE LINE LT
STA P 51+79.00 - STA P 52+00.00 DOTTED BIKE LANE LINE LT



SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrstrp_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
STRIPING PLAN SHEET 9 (STP-9)	SHEET 161 OF 339

FILE NAME =U:\8655\870078\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 52+00.00 - STA P 52+20.00 DOTTED BIKE LANE LINE LT
STA P 52+00.00 - STA P 52+20.00 DOTTED BIKE LANE LINE LT
STA P 52+00.00 - STA P 52+13.00 BIKE LANE LINE RT
STA P 52+13.00 - STA P 52+53.00 DOTTED BIKE LANE LINE RT
STA P 52+13.00 - STA P 52+53.00 DOTTED BIKE LANE LINE RT
STA P 52+20.00 - STA P 53+71.00 BIKE LANE LINE LT
STA P 52+53.00 - STA P 53+76.00 BIKE LANE LINE RT
STA P 53+71.00 - STA P 54+57.00 DOTTED BIKE LANE LINE LT
STA P 53+71.00 - STA P 54+57.00 DOTTED BIKE LANE LINE LT
STA P 53+76.00 - STA P 54+15.00 DOTTED BIKE LANE LINE RT
STA P 53+76.00 - STA P 54+15.00 DOTTED BIKE LANE LINE RT
STA P 54+15.00 - STA P 54+77.00 BIKE LANE LINE RT
STA P 54+57.00 - STA P 58+00.00 BIKE LANE LINE LT
STA P 54+77.00 - STA P 55+17.00 DOTTED BIKE LANE LINE RT
STA P 54+77.00 - STA P 55+17.00 DOTTED BIKE LANE LINE RT
STA P 55+17.00 - STA P 58+00.00 BIKE LANE LINE RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 52+00.00 - STA P 52+20.00 DOTTED BIKE LANE LINE LT
STA P 52+00.00 - STA P 52+20.00 DOTTED BIKE LANE LINE LT
STA P 52+00.00 - STA P 52+13.00 BIKE LANE LINE RT
STA P 52+13.00 - STA P 52+53.00 DOTTED BIKE LANE LINE RT
STA P 52+13.00 - STA P 52+53.00 DOTTED BIKE LANE LINE RT
STA P 52+20.00 - STA P 53+71.00 BIKE LANE LINE LT
STA P 52+53.00 - STA P 53+76.00 BIKE LANE LINE RT
STA P 53+71.00 - STA P 54+57.00 DOTTED BIKE LANE LINE LT
STA P 53+71.00 - STA P 54+57.00 DOTTED BIKE LANE LINE LT
STA P 53+76.00 - STA P 54+15.00 DOTTED BIKE LANE LINE RT
STA P 53+76.00 - STA P 54+15.00 DOTTED BIKE LANE LINE RT
STA P 54+15.00 - STA P 54+77.00 BIKE LANE LINE RT
STA P 54+57.00 - STA P 58+00.00 BIKE LANE LINE LT
STA P 54+77.00 - STA P 55+17.00 DOTTED BIKE LANE LINE RT
STA P 54+77.00 - STA P 55+17.00 DOTTED BIKE LANE LINE RT
STA P 55+17.00 - STA P 58+00.00 BIKE LANE LINE RT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 52+00.00 - STA P 58+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 52+00.00 - STA P 58+00.00 DOUBLE SOLID C/L

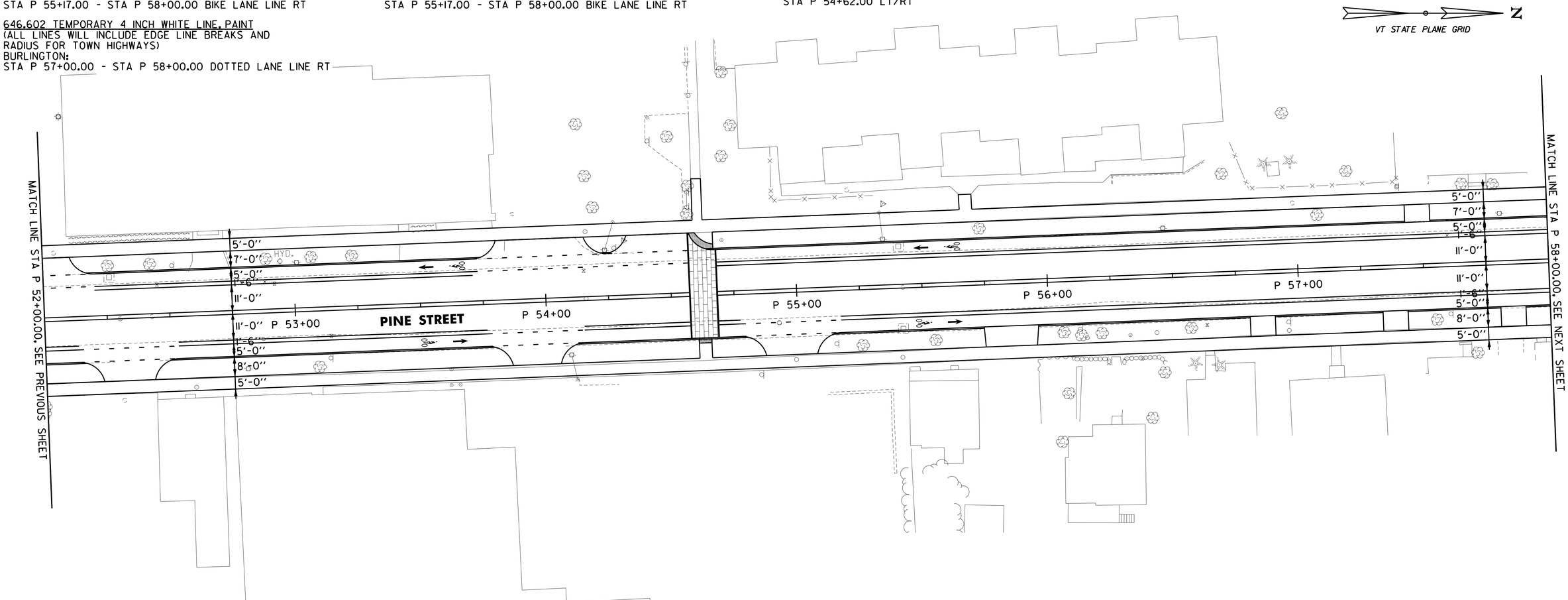
900.640 SPECIAL PROVISION (DURABLE
CROSSWALK MARKING, INLAID THERMOPLASTIC)
BURLINGTON:
STA P 54+62.00 LT/RT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA P 54+62.00 LT/RT

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA P 53+59.00 LT, BIKE LANE SYMBOL (1 EA)
STA P 53+59.00 RT, BIKE LANE SYMBOL (1 EA)
STA P 55+56.00 LT, BIKE LANE SYMBOL (1 EA)
STA P 55+56.00 RT, BIKE LANE SYMBOL (1 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA P 53+59.00 LT, BIKE LANE SYMBOL (2 EA)
STA P 53+59.00 RT, BIKE LANE SYMBOL (2 EA)
STA P 55+56.00 LT, BIKE LANE SYMBOL (2 EA)
STA P 55+56.00 RT, BIKE LANE SYMBOL (2 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 57+00.00 - STA P 58+00.00 DOTTED LANE LINE RT



646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 52+00.00 - STA P 52+13.00 BIKE LANE LINE RT
STA P 52+20.00 - STA P 53+71.00 BIKE LANE LINE LT
STA P 52+53.00 - STA P 53+76.00 BIKE LANE LINE RT
STA P 54+15.00 - STA P 54+77.00 BIKE LANE LINE RT
STA P 54+57.00 - STA P 58+00.00 BIKE LANE LINE LT
STA P 55+17.00 - STA P 58+00.00 BIKE LANE LINE RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 52+00.00 - STA P 52+13.00 BIKE LANE LINE RT
STA P 52+20.00 - STA P 53+71.00 BIKE LANE LINE LT
STA P 52+53.00 - STA P 53+76.00 BIKE LANE LINE RT
STA P 54+15.00 - STA P 54+77.00 BIKE LANE LINE RT
STA P 54+57.00 - STA P 58+00.00 BIKE LANE LINE LT
STA P 55+17.00 - STA P 58+00.00 BIKE LANE LINE RT

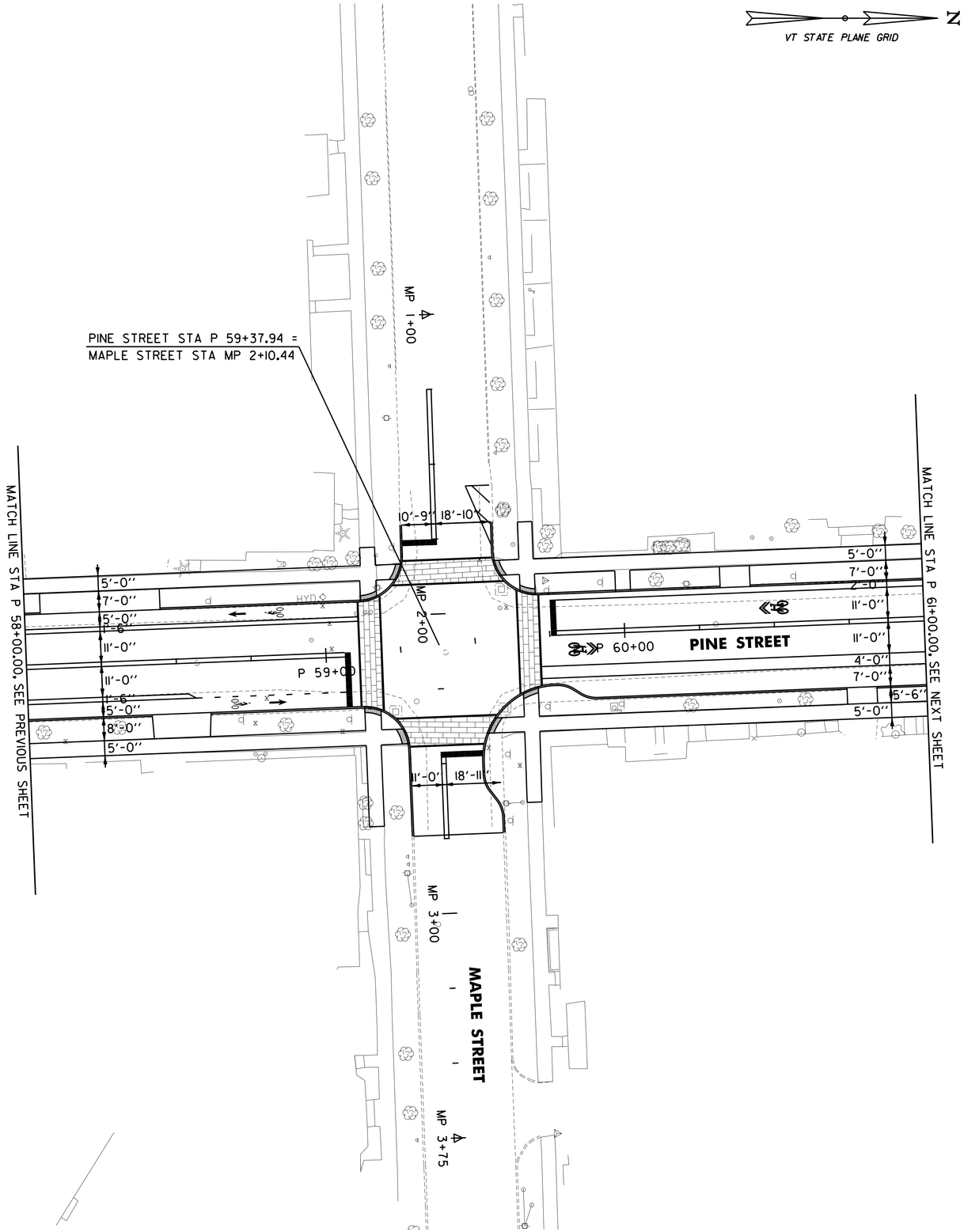
SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = — — — — —
NEW = ————

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrstrp_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
STRIPING PLAN SHEET 10 (STPI-10)	SHEET 162 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME =2/17/2016
USER =4916



646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 58+00.00 - STA P 59+11.00 BIKE LANE LINE LT
STA P 58+00.00 - STA P 58+56.00 BIKE LANE LINE RT
STA P 58+56.00 - STA P 59+08.00 DOTTED BIKE LANE LINE RT
STA P 59+71.00 - STA P 61+00.00 EDGE LINE RT
STA P 59+71.00 - STA P 61+00.00 SOLID BUFFER LINE RT
STA P 59+75.00 - STA P 61+00.00 EDGE LINE LT
STA MP 1+58.00 - STA MP 1+78.00 NO PARKING ZONE, LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 58+00.00 - STA P 59+11.00 BIKE LANE LINE LT
STA P 58+00.00 - STA P 58+56.00 BIKE LANE LINE RT
STA P 58+56.00 - STA P 59+08.00 DOTTED BIKE LANE LINE RT
STA P 59+71.00 - STA P 61+00.00 EDGE LINE RT
STA P 59+71.00 - STA P 61+00.00 SOLID BUFFER LINE RT
STA P 59+75.00 - STA P 61+00.00 EDGE LINE LT
STA MP 1+58.00 - STA MP 1+78.00 NO PARKING ZONE, LT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA P 59+14.00 LT/RT
STA P 59+37.94 LT, MAPLE STREET
STA P 59+37.94 RT, MAPLE STREET
STA P 59+67.00 LT/RT

646.4871 DURABLE 24 INCH STOP BAR, RECESSED TYPE A TAPE
BURLINGTON:
STA P 59+07.00 RT
STA P 59+76.00 LT
STA MP 1+76.00 RT
STA MP 2+47.00 LT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BURLINGTON:
STA P 59+07.00 RT
STA P 59+76.00 LT
STA MP 1+76.00 RT
STA MP 2+47.00 LT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 58+00.00 - STA P 61+00.00 DOUBLE SOLID C/L
STA MP 1+25.00 - STA MP 1+77.00 DOUBLE SOLID C/L
STA MP 2+46.00 - STA MP 2+75.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 58+00.00 - STA P 61+00.00 DOUBLE SOLID C/L
STA MP 1+25.00 - STA MP 1+77.00 DOUBLE SOLID C/L
STA MP 2+46.00 - STA MP 2+75.00 DOUBLE SOLID C/L

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA P 58+77.00 LT, BIKE LANE SYMBOL (1 EA)
STA P 58+77.00 RT, BIKE LANE SYMBOL (1 EA)
STA P 59+86.00 RT SHARED LANE MARKING (1 EA)
STA P 60+50.00 LT SHARED LANE PARKING (1 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA P 58+77.00 LT, BIKE LANE SYMBOL (2 EA)
STA P 58+77.00 RT, BIKE LANE SYMBOL (2 EA)
STA P 59+86.00 RT SHARED LANE MARKING (2 EA)
STA P 60+50.00 LT SHARED LANE PARKING (2 EA)

900.640 SPECIAL PROVISION (DURABLE
CROSSWALK MARKING, INLAID THERMOPLASTIC)
BURLINGTON:
STA P 59+14.00 LT/RT
STA P 59+37.94 LT, MAPLE STREET
STA P 59+37.94 RT, MAPLE STREET
STA P 59+67.00 LT/RT

646.426 DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 58+00.00 - STA P 59+11.00 BIKE LANE LINE LT
STA P 58+00.00 - STA P 58+56.00 BIKE LANE LINE RT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 58+00.00 - STA P 59+11.00 BIKE LANE LINE LT
STA P 58+00.00 - STA P 58+56.00 BIKE LANE LINE RT

646.466 DURABLE 8 INCH WHITE LINE, RECESSED POLYUREA
BURLINGTON:
STA MP 1+58.00 - STA MP 1+78.00 LT, NO PARKING ZONE

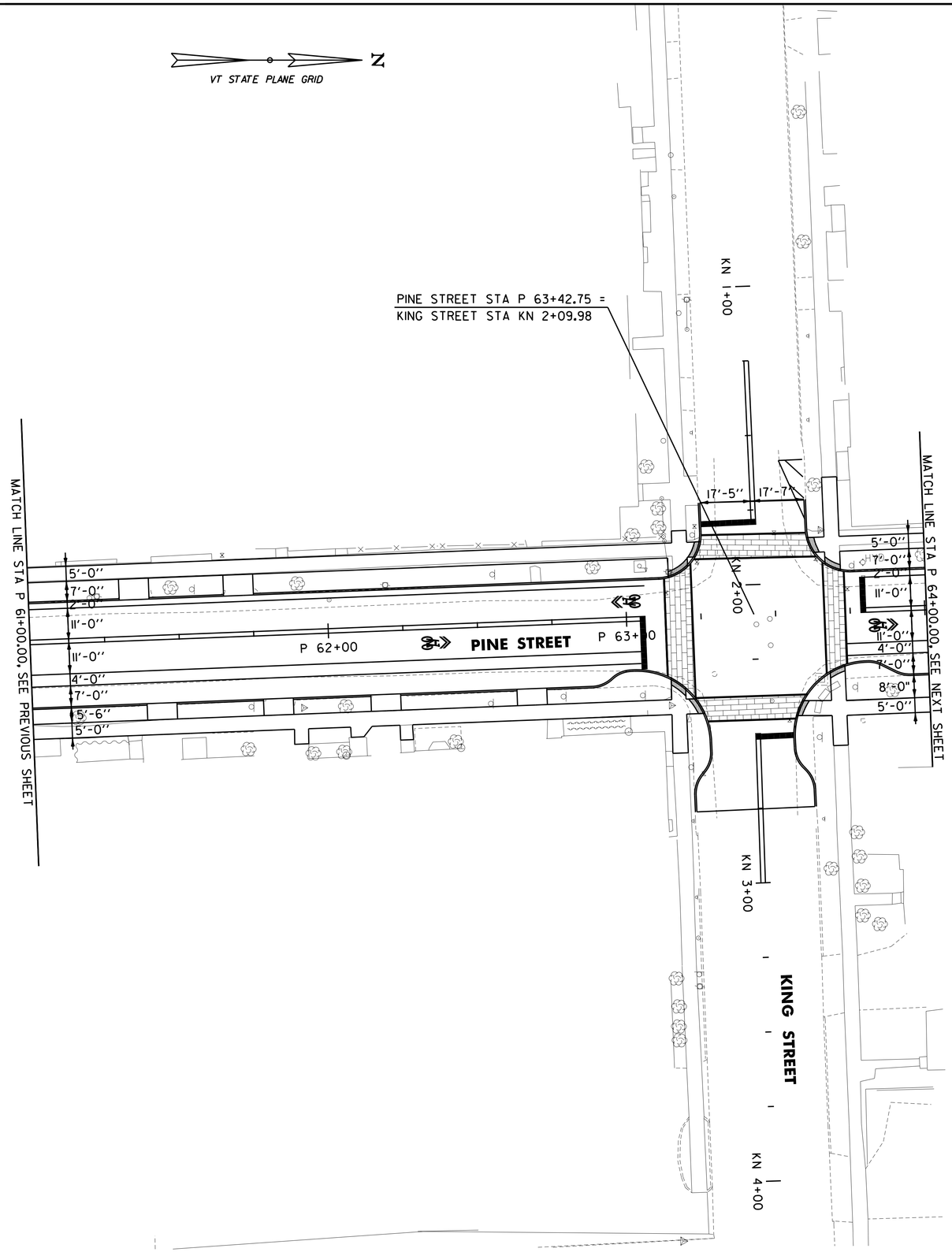
SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ———

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrstrp_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
STRIPING PLAN SHEET 11 (STP-11)	SHEET 163 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME =2/17/2016
USER =4916



646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 61+00.00 - STA P 64+00.00 EDGE LINE LT & RT
STA P 61+00.00 - STA P 64+00.00 SOLID BUFFER LINE RT
STA KN 1+59.00 - STA KN 1+79.00 NO PARKING ZONE, LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 61+00.00 - STA P 64+00.00 EDGE LINE LT & RT
STA P 61+00.00 - STA P 64+00.00 SOLID BUFFER LINE RT
STA KN 1+59.00 - STA KN 1+79.00 NO PARKING ZONE, LT

646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA P 63+17.00 LT/RT
STA P 63+42.75 LT, KING STREET
STA P 63+42.75 RT, KING STREET
STA P 63+69.00 LT/RT

646.4871 DURABLE 24 INCH STOP BAR, RECESSED TYPE A TAPE
BURLINGTON:
STA P 63+05.00 RT
STA P 63+79.00 LT
STA KN 1+79.00 RT
STA KN 2+51.00 LT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BURLINGTON:
STA P 63+05.00 RT
STA P 63+79.00 LT
STA KN 1+79.00 RT
STA KN 2+51.00 LT

646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 61+00.00 - STA P 64+00.00 DOUBLE SOLID C/L
STA KN 1+25.00 - STA KN 1+80.00 DOUBLE SOLID C/L
STA KN 2+50.00 - STA KN 3+00.00 DOUBLE SOLID C/L

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR
TOWN HIGHWAYS)
BURLINGTON:
STA P 61+00.00 - STA P 64+00.00 DOUBLE SOLID C/L
STA KN 1+25.00 - STA KN 1+80.00 DOUBLE SOLID C/L
STA KN 2+50.00 - STA KN 3+00.00 DOUBLE SOLID C/L

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA P 62+36.00 RT SHARED LANE MARKING (1 EA)
STA P 63+00.00 LT SHARED LANE MARKING (1 EA)
STA P 63+85.00 RT SHARED LANE MARKING (1 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA P 62+36.00 RT SHARED LANE MARKING (2 EA)
STA P 63+00.00 LT SHARED LANE MARKING (2 EA)
STA P 63+85.00 RT SHARED LANE MARKING (2 EA)

900.640 SPECIAL PROVISION (DURABLE
CROSSWALK MARKING, INLAID THERMOPLASTIC)
BURLINGTON:
STA P 63+17.00 LT/RT
STA P 63+42.75 LT, KING STREET
STA P 63+42.75 RT, KING STREET
STA P 63+69.00 LT/RT

646.466 DURABLE 8 INCH WHITE LINE, RECESSED POLYUREA
BURLINGTON:
STA KN 1+59.00 - STA KN 1+79.00 LT, NO PARKING ZONE

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrstrp_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
STRIPING PLAN SHEET 12 (STP-12)	SHEET 164 OF 339

FILE NAME =U:\8655\870078\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

646.406 DURABLE 4 INCH WHITE LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 64+00.00 - STA P 65+35.00 SOLID BUFFER LINE RT
STA P 64+00.00 - STA P 65+35.00 EDGE LINE RT
STA P 64+00.00 - STA P 67+15.00 EDGE LINE LT
STA P 66+35.00 - STA P 67+10.00 SOLID LANE LINE, RT
STA P 68+08.00 - STA P 68+37.00 NO PARKING ZONE, RT
STA P 68+37.00 - STA P 68+81.00 PARKING STALLS, RT
STA P 68+81.00 - STA P 69+04.00 NO PARKING ZONE, RT
STA M 2+51.00 - STA M 2+87.00 PARKING STALLS, LT
STA M 2+64.00 - STA M 2+86.00 PARKING STALLS, RT
STA M 2+86.00 - STA M 3+11.00 NO PARKING ZONE, RT
STA M 3+02.00 - STA M 3+23.00 NO PARKING ZONE, LT
STA M 4+03.00 - STA M 4+12.00 NO PARKING ZONE, RT
STA M 4+03.00 - STA M 4+12.00 NO PARKING ZONE, LT
STA M 4+03.00 - STA M 5+05.00 SOLID LANE LINE, C/L
STA M 4+12.00 - STA M 4+67.00 PARKING STALLS, RT
STA M 4+12.00 - STA M 5+03.00 PARKING STALLS, LT
STA M 4+67.00 - STA M 4+93.00 NO PARKING ZONE, RT
STA M 5+05.00 - STA M 5+64.00 DOTTED LANE LINE, C/L

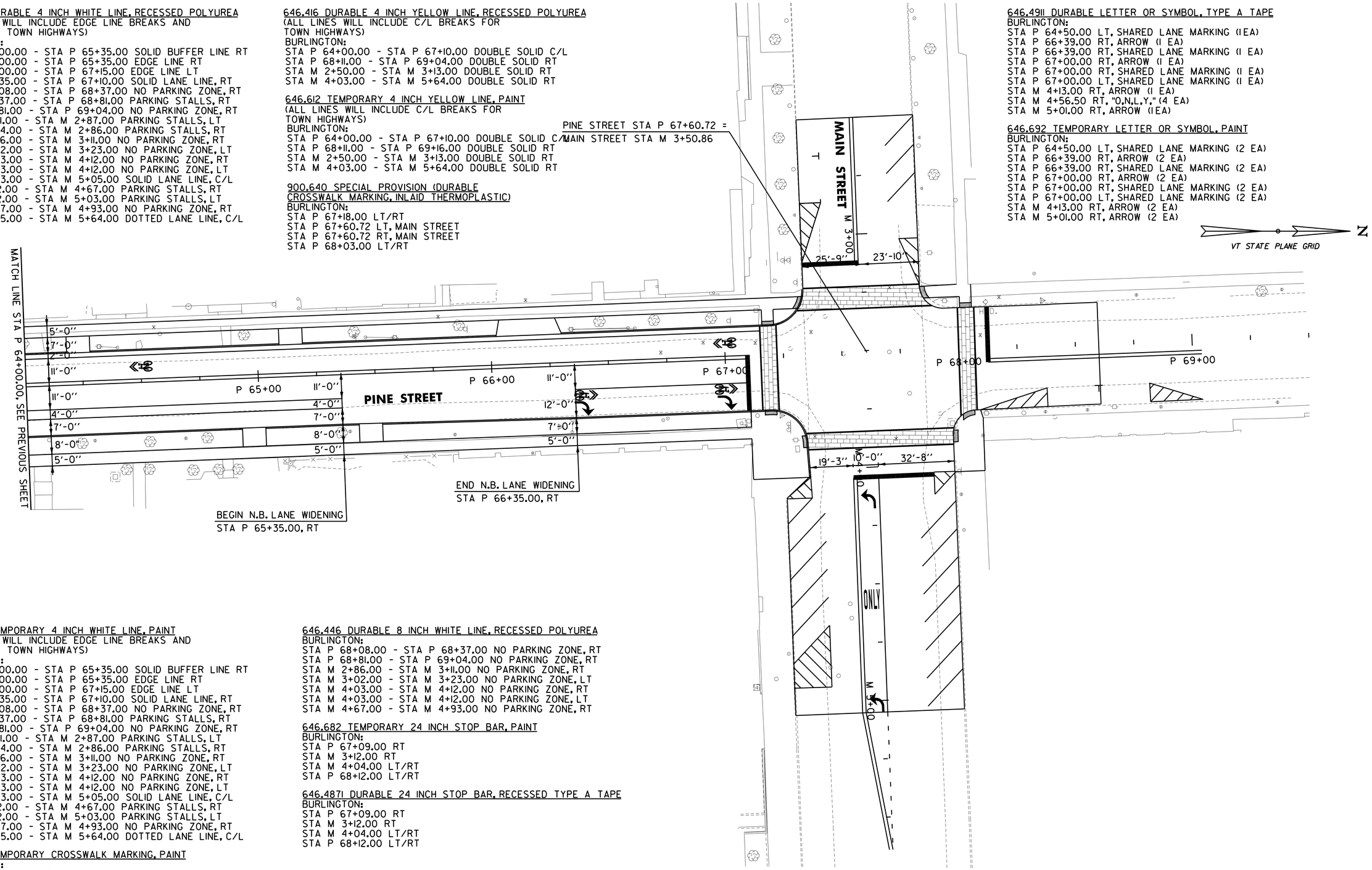
646.416 DURABLE 4 INCH YELLOW LINE, RECESSED POLYUREA
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 64+00.00 - STA P 67+10.00 DOUBLE SOLID C/L
STA P 68+11.00 - STA P 69+04.00 DOUBLE SOLID RT
STA M 2+50.00 - STA M 3+13.00 DOUBLE SOLID RT
STA M 4+03.00 - STA M 5+64.00 DOUBLE SOLID RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 64+00.00 - STA P 67+10.00 DOUBLE SOLID C/L
STA P 68+11.00 - STA P 69+16.00 DOUBLE SOLID RT
STA M 2+50.00 - STA M 3+13.00 DOUBLE SOLID RT
STA M 4+03.00 - STA M 5+64.00 DOUBLE SOLID RT

900.640 SPECIAL PROVISION (DURABLE CROSSWALK MARKING, INLAID THERMOPLASTIC)
BURLINGTON:
STA P 67+18.00 LT/RT
STA P 67+60.72 LT, MAIN STREET
STA P 67+60.72 RT, MAIN STREET
STA P 68+03.00 LT/RT

646.4911 DURABLE LETTER OR SYMBOL, TYPE A TAPE
BURLINGTON:
STA P 64+50.00 LT, SHARED LANE MARKING (1 EA)
STA P 66+39.00 RT, ARROW (1 EA)
STA P 66+39.00 RT, SHARED LANE MARKING (1 EA)
STA P 67+00.00 RT, ARROW (1 EA)
STA P 67+00.00 RT, SHARED LANE MARKING (1 EA)
STA P 67+00.00 LT, SHARED LANE MARKING (1 EA)
STA M 4+13.00 RT, ARROW (1 EA)
STA M 4+56.50 RT, "O.N.L.Y." (4 EA)
STA M 5+01.00 RT, ARROW (1 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
BURLINGTON:
STA P 64+50.00 LT, SHARED LANE MARKING (2 EA)
STA P 66+39.00 RT, ARROW (2 EA)
STA P 66+39.00 RT, SHARED LANE MARKING (2 EA)
STA P 67+00.00 RT, ARROW (2 EA)
STA P 67+00.00 RT, SHARED LANE MARKING (2 EA)
STA P 67+00.00 LT, SHARED LANE MARKING (2 EA)
STA M 4+13.00 RT, ARROW (2 EA)
STA M 5+01.00 RT, ARROW (2 EA)



646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
BURLINGTON:
STA P 64+00.00 - STA P 65+35.00 SOLID BUFFER LINE RT
STA P 64+00.00 - STA P 65+35.00 EDGE LINE RT
STA P 64+00.00 - STA P 67+15.00 EDGE LINE LT
STA P 66+35.00 - STA P 67+10.00 SOLID LANE LINE, RT
STA P 68+08.00 - STA P 68+37.00 NO PARKING ZONE, RT
STA P 68+37.00 - STA P 68+81.00 PARKING STALLS, RT
STA P 68+81.00 - STA P 69+04.00 NO PARKING ZONE, RT
STA M 2+51.00 - STA M 2+87.00 PARKING STALLS, LT
STA M 2+64.00 - STA M 2+86.00 PARKING STALLS, RT
STA M 2+86.00 - STA M 3+11.00 NO PARKING ZONE, RT
STA M 3+02.00 - STA M 3+23.00 NO PARKING ZONE, LT
STA M 4+03.00 - STA M 4+12.00 NO PARKING ZONE, RT
STA M 4+03.00 - STA M 4+12.00 NO PARKING ZONE, LT
STA M 4+03.00 - STA M 5+05.00 SOLID LANE LINE, C/L
STA M 4+12.00 - STA M 4+67.00 PARKING STALLS, RT
STA M 4+12.00 - STA M 5+03.00 PARKING STALLS, LT
STA M 4+67.00 - STA M 4+93.00 NO PARKING ZONE, RT
STA M 5+05.00 - STA M 5+64.00 DOTTED LANE LINE, C/L

646.702 TEMPORARY CROSSWALK MARKING, PAINT
BURLINGTON:
STA P 67+18.00 LT/RT
STA P 67+60.72 LT, MAIN STREET
STA P 67+60.72 RT, MAIN STREET
STA P 68+03.00 LT/RT

646.85 REMOVAL OF EXISTING PAVEMENT MARKINGS
BURLINGTON:
STA M 5+05.00 - STA M 5+64.00, DOUBLE SOLID C/L (43 SF)

646.446 DURABLE 8 INCH WHITE LINE, RECESSED POLYUREA
BURLINGTON:
STA P 68+08.00 - STA P 68+37.00 NO PARKING ZONE, RT
STA P 68+81.00 - STA P 69+04.00 NO PARKING ZONE, RT
STA M 2+86.00 - STA M 3+11.00 NO PARKING ZONE, RT
STA M 3+02.00 - STA M 3+23.00 NO PARKING ZONE, LT
STA M 4+03.00 - STA M 4+12.00 NO PARKING ZONE, RT
STA M 4+03.00 - STA M 4+12.00 NO PARKING ZONE, LT
STA M 4+67.00 - STA M 4+93.00 NO PARKING ZONE, RT

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
BURLINGTON:
STA P 67+09.00 RT
STA M 3+12.00 RT
STA M 4+04.00 LT/RT
STA P 68+12.00 LT/RT

646.4871 DURABLE 24 INCH STOP BAR, RECESSED TYPE A TAPE
BURLINGTON:
STA P 67+09.00 RT
STA M 3+12.00 RT
STA M 4+04.00 LT/RT
STA P 68+12.00 LT/RT

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrstrp_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
STRIPING PLAN SHEET 13 (STP-13)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 165 OF 339

FILE NAME =U:\8656\870078\Consultants\z87d078bdrstrp_c6.dgn
DATE/TIME = 2/17/2016
USER = 4916

TRAFFIC SIGN SUMMARY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	TUBULAR STEEL • (in) FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
221+50.0, RT	Downtown →	1	72	12	6.00					2					X		X																SIGN ID CODE VD1-1		SDS-1	
222+00.0, LT	SPEED LIMIT 25	1	24	30	5.00					1					X		X																	R2-1		
222+81.0, RT	STOP HERE ON RED ↙	1	24	36	6.00					1					X		X																	R10-6		
LA 106+10.0, RT	↑ ↱ ONLY	1	30	30	6.25					1					X		X																SIGN ID CODE VR-921			E-145A
LA 107+71.0, RT	STOP HERE ON RED ↙	1	24	36	6.00					1					X		X																	R10-6		
LA 109+66.0, RT	Lakeside Ave Lakeside Ave	1 1	54 54	12 12	4.50 4.50					3					X		X																BACK-TO-BACK SIGN ID CODE D3-1 SIGN ID CODE D3-1		SDS-1 SDS-1	
	Champlain Pkwy Champlain Pkwy	1 1	72 72	12 12	6.00 6.00																												BACK-TO-BACK SIGN ID CODE D3-1 SIGN ID CODE D3-1		SDS-1 SDS-1	
LA 109+88.0, LT	STOP	1	18	18	2.25					1					X		X																	R1-1		
LA 109+97.0, LT	NO MOTOR VEHICLES	1	24	24	4.00					1					X		X																	R5-3		
				TOTALS	SF 56.50	SF	EA.	SF			LF	LF	LF	LF	LF 154	LF	EA			EA.	LB	LB	LB	LB	EA.	EA.								

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 1 (TSS-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 166 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL		
											NO. OF	FLANGED CHANNEL			SQUARE STEEL (in)					TUBULAR ALUMINUM • (in)			TUBULAR STEEL • (in)					W-SHAPE STEEL						
												lb/ft			1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS				1.12	2.0	3.0	lb/ft 1.88	2.42	3.35			lb/ft 1.3	1.7	1.7		lb/ft 7.6	9.0	10.8	14.6	24"	30"						
LA 110+06.0, LT	STOP HERE ON RED	1	24	36	6.00						1					X		X															RIO-6		
LA 110+06.0, RT	STOP / NO MOTOR VEHICLES	1 1	18 24	18 24	2.25 4.00						1					X		X														BACK-TO-BACK	RI-1 R5-3		
LA 111+00.0, RT	← Downtown	1	72	12	6.00						2					X		X														SIGN ID CODE VDI-1		SDS-1	T-93
LA 111+45.0, LT	↰↑ ONLY	1	30	30	6.25						1					X		X														SIGN ID CODE VR-921L			E-145A
LA 112+45.0, RT	↰ ONLY ↱ ONLY	1	36	30	7.50						2					X		X														SIGN ID CODE VR-925			E-145A
LA 112+50.0, LT	TO	1	24	12	2.00						1						X	X														WHITE ON BLUE	M4-5		
	INTERSTATE 189	1	30	24	5.00																											WHITE/RED ON BLUE	MI-1		
	←	1	21	15	2.19																											WHITE ON BLUE	M6-IL		
LA 113+50.0, RT	BIKE ROUTE	1	24	18	3.00						1					X		X															DII-1		
	↔	1	12	9	0.75																											WHITE ON GREEN	M6-4		
												LF	LF	LF	LF	LF 112	LF 14		EA					LB	LB	LB	LB								
		TOTALS			SF 44.94	SF	EA.	SF				LF			LF 126								EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 2 (TSS-2)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 167 OF 339

FILE NAME =H:\BESR\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST	NEW SIGN POSTS																				REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS		NO. OF	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)				TUBULAR ALUMINUM • (in)			TUBULAR STEEL • (in)					W-SHAPE STEEL				SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
											1.12	2.0	3.0	1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35		3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE				
P 12+25.0, RT	ONLY	1	30	30	6.25					1					X		X													SIGN ID CODE VR-921L			E-145A
P 12+62.0, LT	BUS STOP						1			1					X		X													SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
P 13+00.0, RT	NO PARKING THIS SIDE OF STREET	1	12	18	1.50					1					X		X															SDS-2	
P 13+43.0, LT	BIKE ROUTE	1	24	18	3.00					1					X		X														D11-1		
P 13+71.0, RT	STOP HERE ON RED	1	24	36	6.00					1					X		X														R10-6		
P 15+08.0, LT	Pine St	1	36	12	3.00					2					X		X													DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
	Lakeside Ave Lakeside Ave	1 1	54 54	12 12	4.50 4.50																									BACK-TO-BACK SIGN ID CODE D3-1 SIGN ID CODE D3-1		SDS-1 SDS-1	
P 15+25.00, RT	BIKE LANE	1	24	18	3.00					1					X		X														R3-17		
	AHEAD	1	24	8	1.33																										R3-17aP		
											LF	LF	LF	LF	LF 112	LF	EA					LB	LB	LB	LB								
	TOTALS				SF 33.08	SF	EA. 1	SF			LF			LF 112							EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 3 (TSS-3)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 168 OF 339

FILE NAME =U:\8659\87D078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 4

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																					REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS			NO. OF	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft					TUBULAR ALUMINUM • (in) lb/ft			TUBULAR STEEL • (in) lb/ft					W-SHAPE STEEL				SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE				
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6	24"	30"						
P 15+34.0, LT	TO	1	24	12	2.00						1						X	X														WHITE ON BLUE	M4-5		
	INTERSTATE 189	1	30	24	5.00																											WHITE/RED ON BLUE	MI-1		
	→	1	21	15	2.19																											WHITE ON BLUE	M6-1R		
P 16+00.0, RT	BIKE ROUTE	1	24	18	3.00						1					X		X															DII-1		
P 17+00.0, LT	RIGHT LANE MUST TURN RIGHT	1	30	30	6.25						1					X		X															R3-7R		
	EXCEPT	1	24	18	3.00																													SDS-2	
P 17+00.0, RT	SPEED LIMIT 25	1	24	30	5.00						1					X		X															R2-1		
P 18+00.0, LT	ONLY	1	30	30	6.25						1					X		X														SIGN ID CODE VR-921			E-145A
	EXCEPT	1	24	18	3.00																													SDS-2	
P 18+50.0, RT		1	30	30	6.25						1						X	X														SIGN SHALL BE FLUORESCENT YELLOW GREEN	WII-15		
	AHEAD	1	24	12	2.00																											SIGN SHALL BE FLUORESCENT YELLOW GREEN	WI6-9P		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF 56	LF 28	EA						LB	LB	LB	LB								
		TOTALS			SF 43.94	SF	EA.	SF				LF			LF 84								EA.	LB				EA.	EA.						

FILE NAME =U:\8658\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 4 (TSS-4)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 169 OF 339

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TRAFFIC SIGN SUMMARY SHEET 5

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	TUBULAR STEEL • (in) FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
P 19+45.0, LT	TO	1	24	12	2.00					1						X	X																WHITE ON BLUE	M4-5		
	INTERSTATE 189	1	30	24	5.00																												WHITE/RED ON BLUE	M1-1		
	→	1	21	15	2.19																												WHITE ON BLUE	M6-1R		
P 19+50.0, RT	BIKE LANE	1	24	18	3.00					1					X		X																	R3-17		
	ENDS	1	24	8	1.33																													R3-17bP		
P 19+80.0, RT	BUS STOP						1			1					X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
P 20+25.0, LT	NO PARKING ANY TIME ↔	1	12	18	1.50					1					X		X																	R7-1		
P 20+50.0, LT	BUS STOP						1			1					X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
P 20+58.0, LT	STOP	1	18	18	2.25					1					X		X																	R1-1		
P 20+65.0, LT	NO MOTOR VEHICLES	1	24	24	4.00					1					X		X																	R5-3		
				TOTALS	SF 21.27	SF	EA. 2	SF			LF	LF	LF	LF	LF 84	LF 14	EA				EA.	LB	LB	LB	LB	EA.	EA.								

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 5 (TSS-5)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 170 OF 339

CHA

FILE NAME =U:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 6

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL		
											NO. OF	FLANGED CHANNEL			SQUARE STEEL (in)					TUBULAR ALUMINUM • (in)			TUBULAR STEEL • (in)					W-SHAPE STEEL				SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
		WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS					lb/ft			1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE				
												1.12	2.0	3.0	lb/ft					lb/ft				lb/ft				24"	30"						
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
P 20+72.0, LT		1 1	30 30	30 30	6.25 6.25																											BACK-TO-BACK	WII-15 WII-15		
		1 1	24 24	12 12	2.00 2.00																											BACK-TO-BACK	WI6-7PL WI6-7PR		
																																PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
P 20+74.0, RT		1 1	30 30	30 30	6.25 6.25																											BACK-TO-BACK	WII-15 WII-15		
		1 1	24 24	12 12	2.00 2.00																											BACK-TO-BACK	WI6-7PR WI6-7PL		
																																PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
P 21+07.0, RT		1	12	18	1.50						1					X		X																SDS-2	
P 21+50.0, RT		1	30	30	6.25						1						X	X														SIGN SHALL BE FLUORESCENT YELLOW GREEN	WII-1		
		1	18	24	3.00																											SIGN SHALL BE FLUORESCENT YELLOW GREEN	WI6-1P		
P 22+75.0, LT		1	12	18	1.50						1					X		X															R7-1		
P 23+00.0, RT		1	24	18	3.00						1					X		X															DII-1		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."		TOTALS			SF 48.25	SF	EA.	SF				LF	LF	LF	LF	LF 42	LF 14		EA				EA.	LB	LB	LB	LB		EA.	EA.				

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 6 (TSS-6)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 171 OF 339

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FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 7

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																						REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS			NO. OF	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft					TUBULAR ALUMINUM • (in) lb/ft			TUBULAR STEEL • (in) lb/ft					W-SHAPE STEEL				SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE				
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
P 25+00.0, LT	NO PARKING ANY TIME	1	12	18	1.50						1					X		X															R7-1		
P 26+71.0, RT	NO PARKING HERE TO DRIVEWAY	1	12	18	1.50						1					X		X																SDS-2	
P 27+50.0, LT	NO PARKING ANY TIME	1	12	18	1.50						1					X		X															R7-1		
P 27+95.0, LT	STOP	1	18	18	2.25						1					X		X															R1-1		
P 28+05.0, LT	NO MOTOR VEHICLES	1	24	24	4.00						1					X		X															R5-3		
P 28+10.0, LT		1 1	30 30	30 30	6.25 6.25																											BACK-TO-BACK	W11-15 W11-15		
		1 1	24 24	12 12	2.00 2.00																											BACK-TO-BACK	W16-7PR W16-7PL		
																																PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
P 28+10.0, RT		1 1	30 30	30 30	6.25 6.25																											BACK-TO-BACK	W11-15 W11-15		
		1 1	24 24	12 12	2.00 2.00																											BACK-TO-BACK	W16-7PL W16-7PR		
																																PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF 70	LF	EA						LB	LB	LB	LB								
		TOTALS			SF 43.75	SF	EA.	SF				LF			LF 70								EA.	LB				EA.	EA.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 7 (TSS-7)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 172 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 8

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	TUBULAR STEEL • (in) FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
P 28+44.0, RT	NO PARKING HERE TO DRIVEWAY	1	12	18	1.50					1					X		X																			SDS-2
P 30+00.0, LT	NO PARKING ANY TIME	1	12	18	1.50					1					X		X																	R7-1		
P 32+25.0, LT	NO PARKING ANY TIME	1	12	18	1.50					1					X		X																	R7-1		
P 33+00.0, LT	BIKE ROUTE	1	24	18	3.00					1					X		X																	DII-1		
P 34+00.0, LT		1	30	30	6.25					1						X	X																SIGN SHALL BE FLUORESCENT YELLOW GREEN	WII-1		
	SHARE THE ROAD	1	18	24	3.00																												SIGN SHALL BE FLUORESCENT YELLOW GREEN	WI6-IP		
P 34+70.0, RT	NO PARKING HERE TO CORNER	1	12	18	1.50					1					X		X																		SDS-2	
P 34+75.0, LT	NO PARKING ANY TIME	1	12	18	1.50					1					X		X																	R7-1		
P 35+14.0, LT	BUS STOP						1			1					X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											LF	LF	LF	LF	LF 98	LF 14		EA					LB	LB	LB	LB								
		TOTALS		SF 19.75	SF	EA. 1	SF				LF			LF 112							EA.		LB				EA.	EA.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 8 (TSS-8)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 173 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 9

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																					SIGN DETAIL		
											NO. OF	FLANGED CHANNEL			SQUARE STEEL (in)					TUBULAR ALUMINUM • (in)			TUBULAR STEEL • (in)					W-SHAPE STEEL						
												lb/ft			1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE			
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS				1.12	2.0	3.0	lb/ft					lb/ft				lb/ft				24"	30"					
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6							
P 35+22.0, RT	BIKE ROUTE	1	24	18	3.00						1					X		X															DII-1		
		1	12	9	0.75																											WHITE ON GREEN	M6-6		
	BUS STOP						1																									SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
P 35+42.0, LT	STOP	1	18	18	2.25						1					X		X															RI-1		
P 35+56.0, RT		1 1	30 30	30 30	6.25 6.25																											BACK-TO-BACK	WII-15 WII-15		
		1 1	24 24	12 12	2.00 2.00																											BACK-TO-BACK	W16-7PL W16-7PR		
																																PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
P 35+58.0, LT	NO MOTOR VEHICLES	1	24	24	4.00						1					X		X															R5-3		
P 36+20.0, LT		1 1	30 30	30 30	6.25 6.25																											BACK-TO-BACK	WII-15 WII-15		
		1 1	24 24	12 12	2.00 2.00																											BACK-TO-BACK	W16-7PR W16-7PL		
																																PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF 42	LF		EA					LB	LB	LB	LB							
		TOTALS			SF 43.00	SF	EA. 1	SF				LF			LF 42								EA.	LB				EA.	EA.					

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 9 (TSS-9)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 174 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 10

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	TUBULAR STEEL • (in) FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
P 36+47.0, RT	NO PARKING HERE TO CORNER	1	12	18	1.50					1					X		X																		SDS-2
	1 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50																											1-HOUR PARKING 8:00 AM TO 6:00 PM	R7-108		
	EXCEPT SUNDAYS AND HOLIDAYS	1	12	9	0.75																														SDS-2
P 37+25.0, LT	NO PARKING ANY TIME	1	12	18	1.50					1					X		X																	R7-1		
P 37+31.0, RT	1 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50					1					X		X															1-HOUR PARKING 8:00 AM TO 6:00 PM	R7-108		
	EXCEPT SUNDAYS AND HOLIDAYS	1	12	9	0.75																														SDS-2
P 38+33.0, RT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50					1						X	X															2-HOUR PARKING 8:00 AM TO 6:00 PM	R7-108		
	EXCEPT SUNDAYS AND HOLIDAYS	1	12	9	0.75																														SDS-2
P 38+50.0, LT		1	30	30	6.25					1						X	X															SIGN SHALL BE FLUORESCENT YELLOW GREEN	W11-1		
	SHARE THE ROAD	1	18	24	3.00																											SIGN SHALL BE FLUORESCENT YELLOW GREEN	W16-1P		
P 38+50.0, RT		1	30	30	6.25					1						X	X															SIGN SHALL BE FLUORESCENT YELLOW GREEN	W11-1		
	SHARE THE ROAD	1	18	24	3.00																											SIGN SHALL BE FLUORESCENT YELLOW GREEN	W16-1P		
				TOTALS	SF 28.25	SF	EA.	SF			LF	LF	LF	LF	LF 42	LF 42	EA				EA.	LB	LB	LB	LB	EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 10 (TSS-10)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 175 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 11

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																						REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS			NO. OF	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft					TUBULAR ALUMINUM • (in) lb/ft			TUBULAR STEEL • (in) lb/ft				W-SHAPE STEEL				SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE				
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6	24"	30"						
P 38+75.0, RT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50						1					X		X															2-HOUR PARKING 8:00 AM TO 6:00 PM	R7-108		
	1 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50																												1-HOUR PARKING 8:00 AM TO 6:00 PM	R7-108		
	EXCEPT SUNDAYS AND HOLIDAYS	1	12	9	0.75																														SDS-2	
P 39+17.0, RT	NO PARKING ANY TIME	1	12	18	1.50						1					X		X																R7-1		
	1 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50																												1-HOUR PARKING 8:00 AM TO 6:00 PM	R7-108		
	EXCEPT SUNDAYS AND HOLIDAYS	1	12	9	0.75																														SDS-2	
P 39+36.0, RT		1 1	30 30	30 30	6.25 6.25																												BACK-TO-BACK SIGNS SHALL BE FLUORESCENT YELLOW-GREEN SIGNS TO BE MOUNTED ON NEW PEDESTRIAN SIGNAL POLE	W11-15 W11-15		
		1 1	24 24	12 12	2.00 2.00																												BACK-TO-BACK SIGNS SHALL BE FLUORESCENT YELLOW-GREEN SIGNS TO BE MOUNTED ON NEW PEDESTRIAN SIGNAL POLE	W16-7PL W16-7PR		
	PUSH BUTTON TO TURN ON WARNING LIGHTS	1	9	12	0.75																												SIGN TO BE MOUNTED ON NEW PEDESTRIAN SIGNAL POLE	R10-25		
P 39+50.0, LT		1 1	30 30	30 30	6.25 6.25																												BACK-TO-BACK SIGNS SHALL BE FLUORESCENT YELLOW-GREEN SIGNS TO BE MOUNTED ON NEW PEDESTRIAN SIGNAL POLE	W11-15 W11-15		
		1 1	24 24	12 12	2.00 2.00																												BACK-TO-BACK SIGNS SHALL BE FLUORESCENT YELLOW-GREEN SIGNS TO BE MOUNTED ON NEW PEDESTRIAN SIGNAL POLE	W16-7PR W16-7PL		
	PUSH BUTTON TO TURN ON WARNING LIGHTS	1	9	12	0.75																												SIGN TO BE MOUNTED ON NEW PEDESTRIAN SIGNAL POLE	R10-25		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF 28	LF		EA					LB	LB	LB	LB								
		TOTALS			SF 42.00	SF	EA.	SF				LF			LF 28								EA.	LB				EA.	EA.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 11 (TSS-11)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 176 OF 339

CHA

FILE NAME =U:\B65R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 12

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	TUBULAR STEEL • (in) FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
P 39+69.0, RT	NO PARKING ANY TIME ⟷	1	12	18	1.50					1					X		X																	R7-1		
	1 HR PARKING 8:00 AM TO 6:00 PM ←	1	12	18	1.50																											1-HOUR PARKING 8:00 AM TO 6:00 PM	R7-108		
	EXCEPT SUNDAYS AND HOLIDAYS	1	12	9	0.75																													SDS-2	
P 39+90.0, LT	NO PARKING ANY TIME ⟷	1	12	18	1.50					1					X		X																	R7-1		
P 40+12.0, RT	1 HR PARKING 8:00 AM TO 6:00 PM →	1	12	18	1.50					1					X		X															1-HOUR PARKING 8:00 AM TO 6:00 PM	R7-108		
	EXCEPT SUNDAYS AND HOLIDAYS	1	12	9	0.75																													SDS-2	
P 40+50.0, LT	BIKE ROUTE	1	24	18	3.00					1					X		X																	D11-1		
P 40+75.0, RT	SPEED LIMIT 25	1	24	30	5.00					1					X		X																	R2-1		
P 41+25.0, LT	SPEED LIMIT 25	1	24	30	5.00					1					X		X																	R2-1		
P 42+00.0, LT	NO PARKING ANY TIME ⟷	1	12	18	1.50					1					X		X																	R7-1		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											LF	LF	LF	LF	LF 98	LF	EA					LB	LB	LB	LB								
		TOTALS		SF 22.00	SF	EA.	SF				LF			LF 98							EA.	LB				EA.	EA.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 12 (TSS-12)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 177 OF 339

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FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 13

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35			TUBULAR ALUMINUM • (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM • (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM • (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL • (in) FOUND-ATION	TUBULAR STEEL • (in) 3.0 lb/ft 7.6	TUBULAR STEEL • (in) 3.5 lb/ft 9.0	TUBULAR STEEL • (in) 4.0 lb/ft 10.8	TUBULAR STEEL • (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
P 42+17.0, RT	NO PARKING HERE TO CORNER	1	12	18	1.50						1					X		X																		SDS-2
P 42+32.0, LT	STOP	1	18	18	2.25						1					X		X																		R1-1
P 42+40.0, RT		1 1	30 30	30 30	6.25 6.25																												BACK-TO-BACK	W11-15 W11-15		
		1 1	24 24	12 12	2.00 2.00																												BACK-TO-BACK	W16-7PL W16-7PR		
																																	PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
P 42+42.0, LT	NO MOTOR VEHICLES	1	24	24	4.00						1					X		X																		R5-3
P 42+50.0, LT		1 1	30 30	30 30	6.25 6.25																												BACK-TO-BACK	W11-15 W11-15		
		1 1	24 24	12 12	2.00 2.00																												BACK-TO-BACK	W16-7PR W16-7PL		
																																	PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
P 42+92.0, RT	Marble Ave	1	42	12	3.50						1					X		X																DOUBLE SIDED SIGN SIGN ID CODE D3-1		SDS-1	
	Pine St	1	36	12	3.00																												DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											LF	LF	LF	LF	LF 56	LF		EA					LB	LB	LB	LB									
		TOTALS		SF 47.25	SF	EA.	SF				LF			LF 56							EA.		LB				EA.	EA.							

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 13 (TSS-13)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 178 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 14

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																						REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS			NO. OF	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft					TUBULAR ALUMINUM • (in) lb/ft			TUBULAR STEEL • (in) lb/ft					W-SHAPE STEEL				SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE				
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6	24"	30"						
P 43+41.0, RT	NO PARKING HERE TO CORNER	1	12	18	1.50						1					X		X																	SDS-2	
P 44+00.0, LT	NO PARKING ANY TIME	1	12	18	1.50						1					X		X																R7-1		
P 44+33.0, RT	NO PARKING HERE TO CORNER	1	12	18	1.50						1					X		X																	SDS-2	
P 45+50.0, RT	BIKE ROUTE	1	24	18	3.00						1					X		X																D11-1		
P 45+54.0, LT	BUS STOP						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
	BUS SCHEDULE						1																										SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
P 45+95.0, LT	NO PARKING ANY TIME	1	12	18	1.50						1					X		X																R7-1		
P 47+07.0, LT		1	30	30	6.25						1						X	X															SIGN SHALL BE FLUORESCENT YELLOW-GREEN	W11-1		
	SHARE THE ROAD	1	18	24	3.00																												SIGN SHALL BE FLUORESCENT YELLOW-GREEN	W16-1P		
												LF	LF	LF	LF	LF 84	LF 14	EA						LB	LB	LB	LB								
		TOTALS			SF 18.25	SF	EA. 2	SF				LF			LF 98								EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 14 (TSS-14)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 179 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 15

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																					REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS			NO. OF	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft					TUBULAR ALUMINUM • (in) lb/ft			FOUND-ATION	TUBULAR STEEL • (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0								
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6	24"	30"						
P 47+00.0, RT		1	30	30	6.25						1						X	X														SIGN SHALL BE FLUORESCENT YELLOW-GREEN	W11-1		
	SHARE THE ROAD	1	18	24	3.00																											SIGN SHALL BE FLUORESCENT YELLOW-GREEN	W16-1P		
P 48+00.0, LT	NO PARKING ANY TIME	1	12	18	1.50						1					X		X															R7-1		
P 48+80.0, LT	BIKE ROUTE	1	24	18	3.00						1					X		X															D11-1		
P 49+50.0, LT	SHARED USE PATH ENDS	1	24	24	4.00						1					X		X																SDS-2	
	BICYCLISTS USE ROADWAY	1	24	24	4.00																													SDS-2	
	TRUCK ROUTE	1	24	18	3.00																											BACK-TO-BACK	R14-1		
P 49+74.0, LT	STOP	1	18	18	2.25						1					X		X															R1-1		
P 49+75.0, RT		1 1	30 30	30 30	6.25 6.25																											BACK-TO-BACK	W11-15 W11-15		
		1 1	24 24	12 12	2.00 2.00																											BACK-TO-BACK	W16-7PL W16-7PR		
																																PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF 56	LF 14		EA					LB	LB	LB	LB								
		TOTALS			SF 43.50	SF	EA.	SF				LF			LF 70								EA.	LB				EA.	EA.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 15 (TSS-15)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 180 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 16

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																				REMARKS	SIGN DETAIL		
											NO. OF	FLANGED CHANNEL			SQUARE STEEL (in)					TUBULAR ALUMINUM • (in)			TUBULAR STEEL • (in)					W-SHAPE STEEL				SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												lb/ft			1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE				
												1.12	2.0	3.0	lb/ft 1.88	2.42	3.35			lb/ft 1.3	1.7	1.7		lb/ft 7.6	9.0	10.8	14.6	24''	30''						
P 49+81.0, LT	NO MOTOR VEHICLES	1	24	24	4.00						1					X		X															R5-3		
P 49+90.0, LT		1 1	30 30	30 30	6.25 6.25																										BACK-TO-BACK	W11-15 W11-15		
		1 1	24 24	12 12	2.00 2.00																										BACK-TO-BACK	W16-7PR W16-7PL		
																															PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
P 50+30.0, RT	TRUCK ROUTE	1	24	18	3.00						1					X		X														R14-1		
P 50+50.0, LT	Shared Use Path →	1	42	6	1.75						1					X		X													SIGN ID CODE D1-1c		SDS-2	
P 50+50.0, RT	BIKE LANE	1	24	18	3.00						1					X		X														R3-17		
	AHEAD	1	24	8	1.33																											R3-17aP		
P 51+00.0, LT	BIKE LANE	1	24	18	3.00						1					X		X														R3-17		
	ENDS	1	24	8	1.33																											R3-17bP		
	NO PARKING BIKE LANE	1	12	18	1.50																											R7-9		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF 70	LF	EA					LB	LB	LB	LB								
		TOTALS			SF 35.41	SF	EA.	SF				LF			LF 70							EA.	LB				EA.	EA.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 16 (TSS-16)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 181 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 17

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																						REMARKS	SIGN DETAIL		
											NO. OF	FLANGED CHANNEL			SQUARE STEEL (in)					TUBULAR ALUMINUM • (in)			TUBULAR STEEL • (in)					W-SHAPE STEEL					SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS				lb/ft			1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
												1.12	2.0	3.0	lb/ft					lb/ft				lb/ft				24"	30"							
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
P 51+50.0, LT	TO	1	24	12	2.00						1						X	X															WHITE ON BLUE	M4-5		
	INTERSTATE 189	1	30	24	5.00																												WHITE/RED ON BLUE	M1-1		
	↑	1	21	15	2.19																												WHITE ON BLUE	M6-3		
P 51+50.0, RT	BIKE ROUTE	1	24	18	3.00						1					X		X																D11-1		
	NO PARKING BIKE LANE	1	12	18	1.50																													R7-9		
P 52+80.0, LT	NO PARKING BIKE LANE	1	12	18	1.50						1					X		X																R7-9		
P 53+60.0, RT	BIKE ROUTE	1	24	18	3.00						1					X		X																D11-1		
P 54+56.0, RT	↙ ↘	1 1	30 30	30 30	6.25 6.25																												BACK-TO-BACK	W11-2 W11-2		
	↙ ↘	1 1	24 24	12 12	2.00 2.00																												BACK-TO-BACK	W16-7PL W16-7PR		
																																	PROPOSED SIGNS SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.			
P 54+70.0, LT	↙ ↘	1 1	30 30	30 30	6.25 6.25																												BACK-TO-BACK SIGN SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.	W11-2 W11-2		
	↘ ↙	1 1	24 24	12 12	2.00 2.00																												BACK-TO-BACK SIGN SHALL BE FLUORESCENT YELLOW GREEN AND SHALL BE MOUNTED ON EXISTING PEDESTRIAN SIGNAL POLE.	W16-7PR W16-7PL		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF 42	LF 14		EA					LB	LB	LB	LB									
		TOTALS			SF 51.19	SF	EA.	SF				LF			LF 56								EA.	LB				EA.	EA.							

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 17 (TSS-17)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 182 OF 339

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FILE NAME =U:\8658\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 18

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
P 55+00.0, LT	NO PARKING BIKE LANE	1	12	18	1.50					1					X		X																		R7-9		
P 55+15.0, RT	NO PARKING BIKE LANE	1	12	18	1.50					1					X		X																		R7-9		
P 55+80.0, LT		1	30	30	6.25					1						X	X																	SIGN SHALL BE FLUORESCENT YELLOW-GREEN	W11-1		
	SHARE THE ROAD	1	18	24	3.00																													SIGN SHALL BE FLUORESCENT YELLOW-GREEN	W16-1P		
P 56+00.0, RT	DEAF CHILD	1	30	30	6.25					1					X		X																			SDS-2	
P 56+50.0, RT		1	30	30	6.25					1						X	X																		W3-3		
	NEW	1	24	12	2.00																														W16-15P		
P 57+00.0, RT	NO PARKING BIKE LANE	1	12	18	1.50					1					X		X																		R7-9		
P 57+13.0, LT	NO PARKING BIKE LANE	1	12	18	1.50					1					X		X																		R7-9		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											LF	LF	LF	LF	LF 70	LF 28		EA				LB	LB	LB	LB								
		TOTALS		SF 29.75	SF	EA.	SF				LF			LF 98					EA.			LB				EA.	EA.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 18 (TSS-18)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS

FILE NAME =H:\8658\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 19

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	TUBULAR STEEL • (in) FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
P 58+00.0, LT	TO	1	24	12	2.00					1						X	X																WHITE ON BLUE	M4-5		
	INTERSTATE 189	1	30	24	5.00																												WHITE/RED ON BLUE	MI-1		
	↑	1	21	15	2.19																												WHITE ON BLUE	M6-3		
P 58+75.0, RT	BIKE LANE	1	24	18	3.00					1					X		X																	R3-17		
	ENDS	1	24	8	1.33																													R3-17bP		
	NO PARKING BIKE LANE	1	12	18	1.50																													R7-9		
P 59+00.0, LT	BIKE LANE	1	24	18	3.00					1					X		X																	R3-17		
	AHEAD	1	24	8	1.33																													R3-17aP		
	NO PARKING BIKE LANE	1	12	18	1.50																													R7-9		
P 59+73.0, RT	Maple St	1	42	12	3.50					1					X		X																DOUBLE SIDED SIGN SIGN ID CODE D3-1		SDS-1	
	Pine St	1	36	12	3.00																												DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
P 60+05.0, LT	NO PARKING ANY TIME	1	12	18	1.50					1					X		X																	R7-1		
	BUS STOP						1																										SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
											LF	LF	LF	LF	LF 56	LF 14		EA					LB	LB	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."			TOTALS	SF 28.85	SF	EA. 1	SF				LF			LF 70							EA.		LB				EA.	EA.							

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 19 (TSS-19)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 184 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 20

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35			TUBULAR ALUMINUM • (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM • (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM • (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL • (in) FOUND-ATION	TUBULAR STEEL • (in) 3.0 lb/ft 7.6	TUBULAR STEEL • (in) 3.5 lb/ft 9.0	TUBULAR STEEL • (in) 4.0 lb/ft 10.8	TUBULAR STEEL • (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
P 60+14.0, RT	TRUCK ROUTE	1	24	18	3.00					1					X		X																	R14-1		
P 60+55.0, RT	NO PARKING HERE TO CORNER	1	12	18	1.50					1					X		X																		SDS-2	
P 61+00.0, LT		1	30	30	6.25					1						X	X																	W3-3		
	NEW	1	24	12	2.00																													W16-15P		
P 61+00.0, RT		1	30	30	6.25					1						X	X																SIGN SHALL BE FLUORESCENT YELLOW-GREEN	W11-1		
	SHARE THE ROAD	1	18	24	3.00																												SIGN SHALL BE FLUORESCENT YELLOW-GREEN	W16-1P		
P 61+54.0, LT	DEAF CHILD	1	30	30	6.25					1					X		X																		SDS-2	
P 62+00.0, RT		1	30	30	6.25					1						X	X																	W3-3		
	NEW	1	24	12	2.00																													W16-15P		
P 62+50.0, LT	SPEED LIMIT 25	1	24	30	5.00					1					X		X																	R2-1		
				TOTALS	SF 41.50	SF	EA.	SF			LF	LF	LF	LF	LF 56	LF 42		EA			EA.	LB	LB	LB	LB	EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 20 (TSS-20)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 185 OF 339

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FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 21

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																						REMARKS	SIGN DETAIL		
											NO. OF	FLANGED CHANNEL			SQUARE STEEL (in)					TUBULAR ALUMINUM • (in)			TUBULAR STEEL • (in)					W-SHAPE STEEL							
												lb/ft			1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE			DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
		WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS				1.12	2.0	3.0	lb/ft 1.88	2.42	3.35			lb/ft 1.3	1.7	1.7		lb/ft 7.6	9.0	10.8	14.6	24"	30"				SHS = FHWA STANDARD HIGHWAY SIGNS BOOK			
P 62+85.0, RT	NO PARKING HERE TO CORNER	1	12	18	1.50						1					X		X																	SDS-2	
P 63+00.0, LT	NO PARKING ANY TIME	1	12	18	1.50						1					X		X																R7-1		
P 63+07.0, LT	King St	1	36	12	3.00						1					X		X															DOUBLE SIDED SIGN SIGN ID CODE D3-1		SDS-1	
	Pine St	1	36	12	3.00																												DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
P 63+75.0, RT	King St	1	36	12	3.00						1					X		X															DOUBLE SIDED SIGN SIGN ID CODE D3-1		SDS-1	
	Pine St	1	36	12	3.00																												DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
P 63+82.0, LT	NO PARKING ANY TIME	1	12	18	1.50						1					X		X																R7-1		
P 63+94.0, RT	NO PARKING HERE TO CORNER	1	12	18	1.50						1					X		X																	SDS-2	
P 64+49.0, RT	TRUCK ROUTE	1	24	18	3.00						1					X		X																R14-1		
												LF	LF	LF	LF	LF 98	LF		EA				LB	LB	LB	LB									
		TOTALS			SF 21.00	SF	EA.	SF				LF			LF 98							EA.	LB				EA.	EA.							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 21 (TSS-21)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 186 OF 339

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FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 22

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35			TUBULAR ALUMINUM • (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM • (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM • (in) 4.0 MOD lb/ft 1.7	FOUND-ATION	TUBULAR STEEL • (in) 3.0 lb/ft 7.6	TUBULAR STEEL • (in) 3.5 lb/ft 9.0	TUBULAR STEEL • (in) 4.0 lb/ft 10.8	TUBULAR STEEL • (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
P 64+75.0, LT		1	30	30	6.25					1						X	X																		W3-3		
	NEW	1	24	12	2.00																														W16-15P		
P 65+25.0, RT	← Downtown	1	72	12	6.00					2					X		X																	SIGN ID CODE VD1-1		SDS-1	T-93
P 65+41.0, LT	NO PARKING ANY TIME ↔	1	12	18	1.50					1					X		X																		R7-1		
P 65+58.0, RT	NO PARKING HERE TO CORNER ←	1	12	18	1.50					1					X		X																			SDS-2	
P 65+70.0, LT		1	30	30	6.25					1						X	X																	SIGN SHALL BE FLUORESCENT YELLOW-GREEN	W11-1		
	SHARE THE ROAD	1	18	24	3.00																													SIGN SHALL BE FLUORESCENT YELLOW-GREEN	W16-1P		
P 66+35.0, RT	↑ ↱ ONLY	1	30	30	6.25					1					X		X																	SIGN ID CODE VR-921			E-145A
	EXCEPT	1	24	18	3.00																															SDS-2	
P 66+75.0, LT	TRUCK ROUTE	1	24	18	3.00					1					X		X																		R14-1		
											LF	LF	LF	LF	LF 84	LF 28		EA					LB	LB	LB	LB									
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."				TOTALS	SF 38.75	SF	EA.	SF			LF			LF 112							EA.		LB				EA.	EA.							

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 22 (TSS-22)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS

FILE NAME =U:\8658\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 23

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
P 67+11.0, LT	NO PARKING ANY TIME	1	12	18	1.50					1					X		X																		R7-1		
LC 1+41.0, LT	Locust St	1	42	12	3.50					1					X		X																	DOUBLE SIDED SIGN SIGN ID CODE D3-1		SDS-1	
	Pine St	1	36	12	3.00																													DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
	STOP	1	30	30	6.25																														R1-1		
LC 1+98.0, RT	NO PARKING ANY TIME	1	12	18	1.50					1					X		X																		R7-1		
LC 2+00.0, LT	BIKE ROUTE	1	24	18	3.00					1					X		X																		DI1-1		
	↔	1	12	9	0.75																													WHITE ON GREEN	M6-4		
HW 1+41.0, LT	Howard St	1	42	12	3.50					1					X		X																	DOUBLE SIDED SIGN SIGN ID CODE D3-1		SDS-1	
	Pine St	1	36	12	3.00																													DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
	STOP	1	30	30	6.25																														R1-1		
HW 2+25.0, LT	BIKE ROUTE	1	24	18	3.00					1					X		X																		DI1-1		
	↔	1	12	9	0.75																													WHITE ON GREEN	M6-4		
				TOTALS	SF 36.00	SF	EA.	SF			LF	LF	LF	LF	LF 84	LF	EA				EA.	LB	LB	LB	LB	EA.	EA.								

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 23 (TSS-23)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 188 OF 339

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FILE NAME =H:\BESR\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 24

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
MA 1+42.0, LT	ONE WAY	1	36	12	3.00					1					X		X																	BACK-TO-BACK TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.	R6-1		
	ONE WAY	1	36	12	3.00																													TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.	R6-1		
	STOP	1	30	30	6.25																														R1-1		
MA 1+42.0, RT	ONE WAY	1	36	12	3.00					1					X		X																	BACK-TO-BACK TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.	R6-1		
	ONE WAY	1	36	12	3.00																													TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.	R6-1		
	DO NOT ENTER	1	30	30	6.25																														R5-1		
MA 2+25.0, LT	BIKE ROUTE	1	24	18	3.00					1					X		X																		DII-1		
	↔	1	12	9	0.75																													WHITE ON GREEN	M6-4		
PN 1+41.0, LT	Pine Pl	1	36	12	3.00					1					X		X																	DOUBLE SIDED SIGN SIGN ID CODE D3-1		SDS-1	
	Pine St	1	36	12	3.00																													DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
	STOP	1	30	30	6.25																														R1-1		
PN 2+25.0, LT	BIKE ROUTE	1	24	18	3.00					1					X		X																		DII-1		
	↔	1	12	9	0.75																													WHITE ON GREEN	M6-4		
				TOTALS	SF 44.25	SF	EA.	SF			LF	LF	LF	LF	LF 70	LF		EA			EA.	LB	LB	LB	LB			EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 24 (TSS-24)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 189 OF 339

FILE NAME =H:\BESR\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 25

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																							SIGN DETAIL		
											NO. OF	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft					TUBULAR ALUMINUM • (in) lb/ft			TUBULAR STEEL • (in) lb/ft				W-SHAPE STEEL				REMARKS	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
		WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS					1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK			
KL 1+41.0, LT	Kilburn St	1	42	12	3.50						1					X		X														DOUBLE SIDED SIGN SIGN ID CODE D3-1		SDS-1	
	Pine St	1	36	12	3.00																											DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
	STOP	1	30	30	6.25																													R1-1		
KL 2+00.0, LT	BIKE ROUTE	1	24	18	3.00						1					X		X																D11-1		
	↔	1	12	9	0.75																											WHITE ON GREEN	M6-4		
MP 0+75.0, RT		1	30	30	6.25						1						X	X																W3-3		
	NEW	1	24	12	2.00																													W16-15P		
MP 1+17.0, RT	BIKE ROUTE	1	24	18	3.00						1					X		X																D11-1		
	↔	1	12	9	0.75																											WHITE ON GREEN	M6-4		
MP 1+50.0, LT	WEIGHT LIMIT 10 TONS	1	24	30	5.00						1					X		X																R12-1		
MP 1+75.0, RT	Maple St	1	42	12	3.50						1					X		X														DOUBLE SIDED SIGN SIGN ID CODE D3-1		SDS-1	
	Pine St	1	36	12	3.00																											DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."			TOTALS	SF 40.00	SF	EA.	SF		LF LF LF						LF LF 70 LF 14 EA									LB LB LB LB											
									LF						LF 84								EA.	LB					EA.	EA.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 25 (TSS-25)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 190 OF 339

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FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 26

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																					REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS			NO. OF	FLANGED CHANNEL lb/ft			SQUARE STEEL (in)					TUBULAR ALUMINUM • (in)			TUBULAR STEEL • (in)					W-SHAPE STEEL					DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE	SHS = FHWA STANDARD HIGHWAY SIGNS BOOK			
															lb/ft					lb/ft				lb/ft				24"	30"						
															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
MP 3+17.0, LT	BIKE ROUTE	1	24	18	3.00						1					X		X															D11-1		
	↔	1	12	9	0.75																											WHITE ON GREEN	M6-4		
MP 3+50.0, LT		1	30	30	6.25						1						X	X															W3-3		
	NEW	1	24	12	2.00																												W16-15P		
KN 0+85.0, RT		1	30	30	6.25						1						X	X															W3-3		
	NEW	1	24	12	2.00																												W16-15P		
KN 1+49.0, RT	BIKE ROUTE	1	24	18	3.00						1					X		X															D11-1		
	↔	1	12	9	0.75																											WHITE ON GREEN	M6-4		
KN 2+79.0, LT	BIKE ROUTE	1	24	18	3.00						1					X		X															D11-1		
	↔	1	12	9	0.75																											WHITE ON GREEN	M6-4		
KN 3+50.0, LT		1	30	30	6.25						1						X	X															W3-3		
	NEW	1	24	12	2.00																												W16-15P		
												LF	LF	LF	LF	LF 42	LF 42		EA					LB	LB	LB	LB								
				TOTALS	SF 36.00	SF	EA.	SF				LF			LF 84								EA.	LB				EA.	EA.						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 26 (TSS-26)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 191 OF 339

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FILE NAME =U:\8659\87D078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 27

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
MAIN ST: M 2+00.0, RT	TO	1	24	12	2.00					1						X	X																	WHITE ON BLUE	M4-5		
	INTERSTATE 189	1	30	24	5.00																													WHITE/RED ON BLUE	MI-1		
	→	1	21	15	2.19																													WHITE ON BLUE	M6-1R		
M 2+82.0, LT	BUS STOP						1			1					X		X																	SALVAGED SIGN TO BE MOUNTED ON NEW POST	-	-	-
M 2+85.0, LT	NO PARKING HERE TO CORNER	1	12	18	1.50					1					X		X																			SDS-2	
M 3+05.0, LT	TRUCK ROUTE	1	24	18	3.00					1					X		X																		R14-1		
M 3+20.0, RT	Main St	1	36	12	3.00					1					X		X																	DOUBLE SIDED SIGN SIGN ID CODE D3-1		SDS-1	
	Pine St	1	36	12	3.00																													DOUBLE-SIDED SIGN SIGN ID CODE D3-1 TOP MOUNTING BRACKET REQUIRED TO INSTALL SIGN. COSTS OF BRACKET ARE INCIDENTAL TO SIGN POST.		SDS-1	
M 4+25.0, RT	TRUCK ROUTE	1	24	18	3.00					1					X		X																		R14-1		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											LF	LF	LF	LF	LF 70	LF 14	EA						LB	LB	LB	LB									
		TOTALS		SF 22.69	SF	EA. 1	SF				LF				LF 84						EA.		LB				EA.	EA.							

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 27 (TSS-27)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 192 OF 339

CHA

FILE NAME =H:\865R\87D078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 28

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
MAIN ST: M 4+75.0, LT	TO	1	24	12	2.00					1						X	X																	WHITE ON BLUE	M4-5		
	INTERSTATE 189	1	30	24	5.00																													WHITE/RED ON BLUE	MI-1		
	←	1	21	15	2.19																													WHITE ON BLUE	M6-1L		
MALTEX DRIVEWAY: MD 1+95.0, LT	NO PARKING FIRE LANE	1	12	18	1.50					1					X		X																			SDS-2	
OFFSITE SIGNING: SIGN #1	WEIGHT LIMIT 10 TONS	1	24	30	5.00					1					X		X																		RI2-1		
SIGN #2	TRUCK ROUTE	1	24	18	3.00					1					X		X																		RI4-1		
SIGN #3	TRUCK ROUTE	1	24	18	3.00					1					X		X																		RI4-1		
SIGN #4	TRUCK ROUTE	1	24	18	3.00					1					X		X																		RI4-1		
SIGN #5	Downtown →	1	72	12	6.00					2					X		X																	SIGN ID CODE VDI-1		SDS-1	
SIGN #6	TRUCK ROUTE	1	24	18	3.00					1					X		X																		RI4-1		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											LF	LF	LF	LF	LF 112	LF 14		EA					LB	LB	LB	LB									
		TOTALS		SF 33.69	SF	EA.	SF				LF			LF 126							EA.		LB				EA.	EA.							

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 28 (TSS-28)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 193 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 29

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	TUBULAR STEEL • (in) FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
OFFSITE SIGNING: SIGN #7	TO	1	24	12	2.00					1						X	X																WHITE ON BLUE	M4-5		
	189	1	30	24	5.00																												WHITE/RED ON BLUE	MI-1		
	←	1	21	15	2.19																												WHITE ON BLUE	M6-1L		
SIGN #8	↑ Downtown	1	72	12	6.00					2					X		X																SIGN ID CODE VD1-1		SDS-1	
SIGN #9	TO	1	24	12	2.00					1						X	X																WHITE ON BLUE	M4-5		
	189	1	30	24	5.00																												WHITE/RED ON BLUE	MI-1		
	↑	1	21	15	2.19																												WHITE ON BLUE	M6-3		
SIGN #10	DO NOT BLOCK INTERSECTION	1	24	30	5.00					1					X		X																	RIO-7		
SIGN #11	DO NOT BLOCK INTERSECTION	1	24	30	5.00					1					X		X																	RIO-7		
SIGN #12	DO NOT BLOCK INTERSECTION	1	24	30	5.00					1					X		X																	RIO-7		
	NO PARKING ANY TIME →	1	12	18	1.50																													R7-1		
			TOTALS	SF 40.88	SF	EA.	SF				LF	LF	LF	LF	LF 70	LF 28	EA				EA.	LB	LB	LB	LB										

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 29 (TSS-29)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 194 OF 339

CHA

FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 30

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																						REMARKS	SIGN DETAIL		
			WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS			NO. OF	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft					TUBULAR ALUMINUM • (in) lb/ft			TUBULAR STEEL • (in)					W-SHAPE STEEL				SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	DETAIL IN SHS	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7	FOUND-ATION	7.6	9.0	10.8	14.6	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE				
OFFSITE SIGNING: SIGN #13	DO NOT BLOCK INTERSECTION	1	24	30	5.00						1					X		X															RIO-7		
SIGN #14	DO NOT BLOCK INTERSECTION	1	24	30	5.00						1					X		X															RIO-7		
SIGN #15	DO NOT BLOCK INTERSECTION	1	24	30	5.00						1					X		X															RIO-7		
SIGN #16	DO NOT BLOCK INTERSECTION	1	24	30	5.00						1					X		X															RIO-7		
	NO PARKING HERE TO CORNER	1	12	18	1.50																													SDS-2	
SIGN #17	DO NOT BLOCK INTERSECTION	1	24	30	5.00						1					X		X															RIO-7		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF 70	LF	EA						LB	LB	LB	LB								
		TOTALS			SF 26.50	SF	EA.	SF				LF			LF 70								EA.	LB				EA.	EA.						

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 30 (TSS-30)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS

FILE NAME =U:\8658\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGN SUMMARY SHEET 31

STATE OF VERMONT
AGENCY OF TRANSPORTATION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST		NEW SIGN POSTS NO. OF	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	SQUARE STEEL (in) lb/ft 2.0 (2.42)	SQUARE STEEL (in) lb/ft 2.5 (3.35)			TUBULAR ALUMINUM • (in) lb/ft 3.0 (1.3)	TUBULAR ALUMINUM • (in) lb/ft 4.0 (1.7)	TUBULAR ALUMINUM • (in) lb/ft 4.0 MOD (1.7)	FOUND-ATION	TUBULAR STEEL • (in) lb/ft 3.0 (7.6)	TUBULAR STEEL • (in) lb/ft 3.5 (9.0)	TUBULAR STEEL • (in) lb/ft 4.0 (10.8)	TUBULAR STEEL • (in) lb/ft 5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE		REMARKS SHS = FHWA STANDARD HIGHWAY SIGNS BOOK	SIGN DETAIL DETAIL IN SHS	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
	SUBTOTAL DWG TSS-1			56.50		-									154	-																				
	SUBTOTAL DWG TSS-2			44.94		-									112	14																				
	SUBTOTAL DWG TSS-3			33.08		1									112	-																				
	SUBTOTAL DWG TSS-4			43.94		-									56	28																				
	SUBTOTAL DWG TSS-5			21.27		2									84	14																				
	SUBTOTAL DWG TSS-6			48.25		-									42	14																				
	SUBTOTAL DWG TSS-7			43.75		-									70	-																				
	SUBTOTAL DWG TSS-8			19.75		1									98	14																				
	SUBTOTAL DWG TSS-9			43.00		1									42	-																				
	SUBTOTAL DWG TSS-10			28.25											42	42																				
	SUBTOTAL DWG TSS-11			42.00											28	-																				
	SUBTOTAL DWG TSS-12			22.00											98	-																				
	SUBTOTAL DWG TSS-13			47.25		-									56	-																				
	SUBTOTAL DWG TSS-14			18.25		2									84	14																				
	SUBTOTAL DWG TSS-15			43.50		-									56	14																				
	SUBTOTAL DWG TSS-16			35.41											70	-																				
	SUBTOTAL DWG TSS-17			51.19											42	14																				
	SUBTOTAL DWG TSS-18			29.75											70	28																				
	SUBTOTAL DWG TSS-19			28.85		1									56	14																				
	SUBTOTAL DWG TSS-20			41.50		-									56	42																				
	SUBTOTAL DWG TSS-21			21.00		-									98	-																				
	SUBTOTAL DWG TSS-22			38.75											84	28																				
	SUBTOTAL DWG TSS-23			36.00											84	-																				
	SUBTOTAL DWG TSS-24			44.25											70	-																				
	SUBTOTAL DWG TSS-25			40.00		-									70	14																				
	SUBTOTAL DWG TSS-26			36.00		1									42	42																				
	SUBTOTAL DWG TSS-27			22.69		-									70	14																				
	SUBTOTAL DWG TSS-28			33.69											112	14																				
	SUBTOTAL DWG TSS-29			40.88											70	28																				
	SUBTOTAL DWG TSS-30			26.50											70	-																				
	ROUNDING			0.81											2	8																				
	TOTALS			SF 1083.00	SF	EA. 9	SF				LF	LF	LF	LF	LF 2200	LF 400		EA			EA.	LB	LB	LB	LB	EA.	EA.								

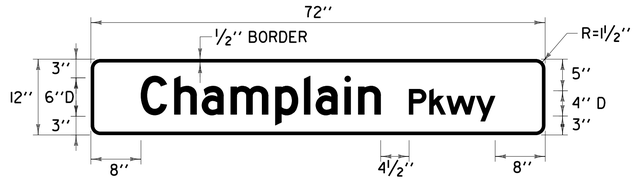
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tss_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGN SUMMARY SHEET 31 (TSS-31)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS

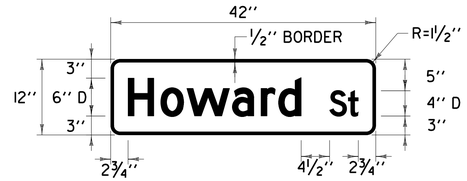
FILE NAME =H:\865R\870078\Consultants\z87d078tss_c6.dgn
DATE/TIME =2/17/2016
USER =4916



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

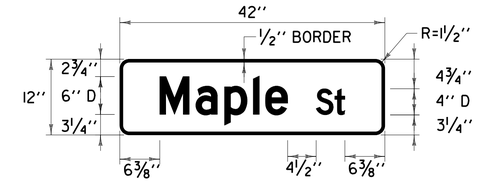
LOCATION: STA LA 109+60.0, RT
STA LA 109+60.0, RT



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

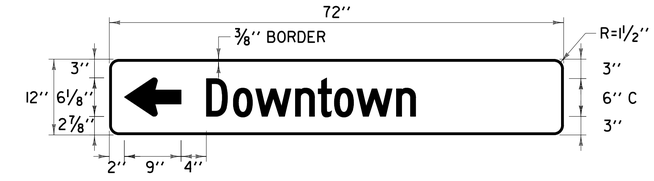
LOCATION: STA HW 1+41.0, LT (DOUBLE SIDED)



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

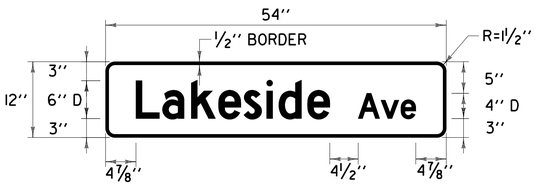
LOCATION: STA MP 1+75.0, RT (DOUBLE SIDED)
STA P 59+73.0, RT (DOUBLE SIDED)



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD T-93

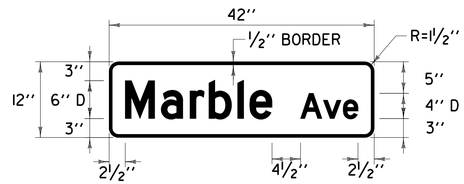
LOCATION: STA LA 111+00.0, RT.
STA P 65+25.0, RT



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

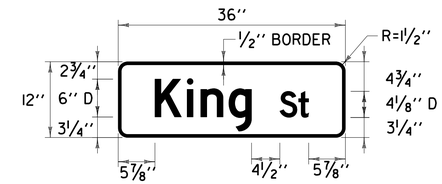
LOCATION: STA LA 109+60.0, RT
STA LA 109+60.0, RT
STA P 15+08.0, LT
STA P 15+08.0, LT



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

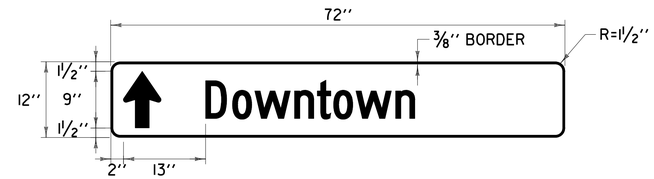
LOCATION: STA P 42+92.0, RT (DOUBLE SIDED)



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

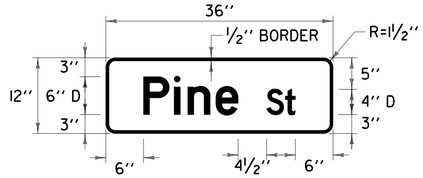
LOCATION: STA P 63+07.0, LT (DOUBLE SIDED)
STA P 63+75.0, RT (DOUBLE SIDED)



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD T-93

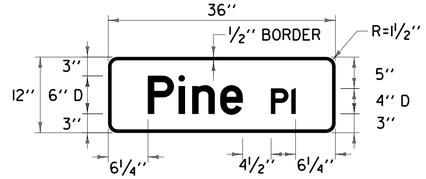
LOCATION: OFF-SITE SIGN #8



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

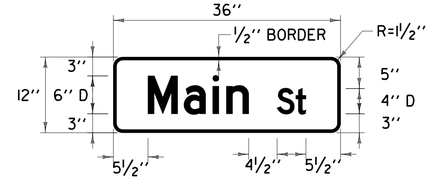
LOCATION: STA P 15+08.0, LT (DOUBLE SIDED)
STA LC 1+41.0, LT (DOUBLE SIDED)
STA HW 1+41.0, LT (DOUBLE SIDED)
STA P 42+92.0, RT (DOUBLE SIDED)
STA PN 1+41.0, LT (DOUBLE SIDED)
STA KL 1+41.0, LT (DOUBLE SIDED)
STA MP 1+75.0, RT (DOUBLE SIDED)
STA P 59+73.0, RT (DOUBLE SIDED)
STA P 63+07.0, LT (DOUBLE SIDED)
STA P 63+75.0, RT (DOUBLE SIDED)
STA M 3+20.0, RT (DOUBLE SIDED)



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

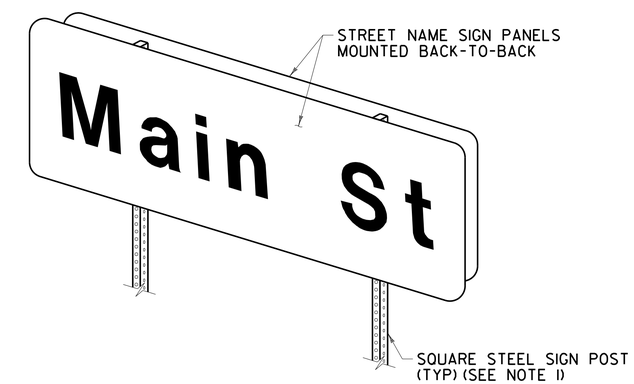
LOCATION: STA PN 1+41.0, LT (DOUBLE SIDED)



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

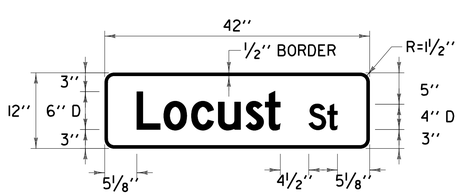
LOCATION: STA M 3+20.0, RT (DOUBLE SIDED)



TWO POST STREET NAME SIGN INSTALLATION FOR STREET NAME >42''

NOTE:

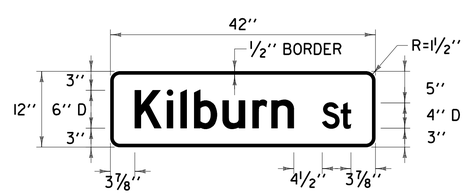
1. SEE VTRANS STD T-45 FOR SQUARE STEEL SIGN POST DETAILS & POST SPACING REQUIREMENTS.



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

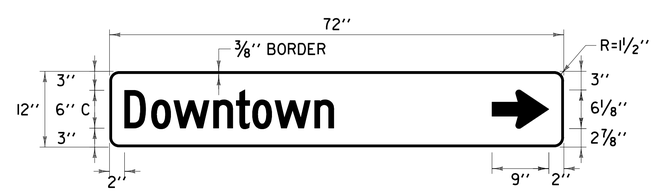
LOCATION: STA LC 1+41.0, LT (DOUBLE SIDED)



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.125 INCH THICK, OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND A 0.090 INCH WEB

LOCATION: STA KL 1+41.0, LT (DOUBLE SIDED)



COLOR: WHITE BORDER & TEXT (REFLECTORIZED)
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: PER VAOT STANDARD T-93

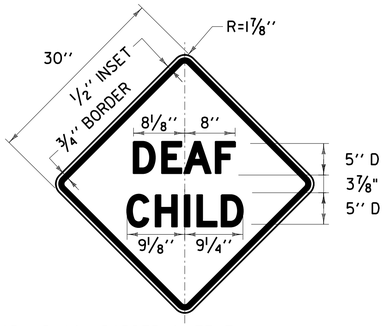
LOCATION: STA 221+50.0, RT
OFF-SITE SIGN #5

NOT TO SCALE

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078sds_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGN DETAIL SHEET 1 (SDS-1)	SHEET 197 OF 339

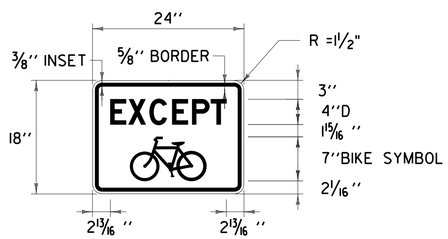
FILE NAME =\\855\87D078\Consultants\z87d078sds_c6.dgn
DATE/TIME =2/17/2016
USER =4916



COLOR: BLACK BORDER & TEXT
YELLOW BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.080 INCH THICK

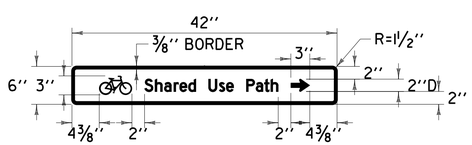
LOCATION: STA P 56+00.0, RT
STA P 61+54.0, LT



COLOR: BLACK BORDER & TEXT
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.080 INCH THICK, HIGH DENSITY OVERLAID PLYWOOD 5/8 INCH THICK, OR 14 GAUGE GALVANIZED FLAT SHEET STEEL.

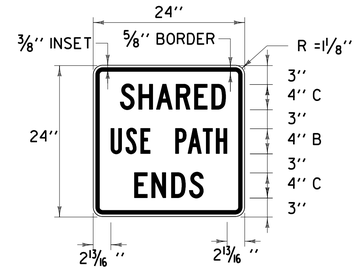
LOCATION: STA P 17+00.0, LT
STA P 18+00.0, LT
STA P 66+35.0, RT



COLOR: WHITE BORDER & TEXT
GREEN BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.080 INCH THICK, HIGH DENSITY OVERLAID PLYWOOD 5/8 INCH THICK, OR 14 GAUGE GALVANIZED FLAT SHEET STEEL.

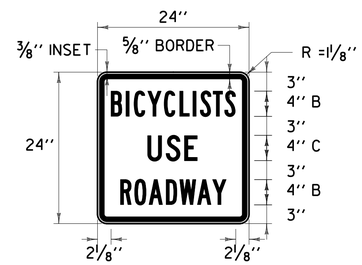
LOCATION: STA P 50+50.0, LT



COLOR: BLACK BORDER & TEXT
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.080 INCH THICK, HIGH DENSITY OVERLAID PLYWOOD 5/8 INCH THICK, OR 14 GAUGE GALVANIZED FLAT SHEET STEEL.

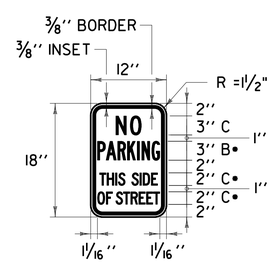
LOCATION: STA P 49+50.0, LT



COLOR: BLACK BORDER & TEXT
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.080 INCH THICK, HIGH DENSITY OVERLAID PLYWOOD 5/8 INCH THICK, OR 14 GAUGE GALVANIZED FLAT SHEET STEEL.

LOCATION: STA P 49+50.0, LT

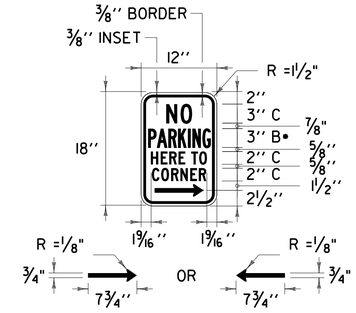


• 50% REDUCTION IN SPACING

COLOR: RED BORDER & TEXT (REFLECTORIZED)
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.060 INCH THICK

LOCATION: STA P 13+00.0, RT

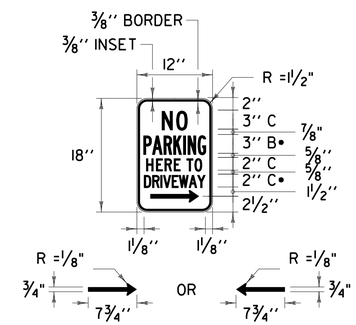


• 50% REDUCTION IN STANDARD SPACING

COLOR: RED BORDER & TEXT (REFLECTORIZED)
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.060 INCH THICK

LOCATION: STA P 21+07.0, RT
STA P 34+70.0, RT
STA P 36+47.0, RT
STA P 42+17.0, RT
STA P 43+41.0, RT
STA P 44+33.0, RT
STA P 60+55.0, RT
STA P 62+85.0, RT
STA P 63+94.0, RT
STA P 65+58.0 RT
STA M 2+85.0, LT
OFF-SITE SIGN #16

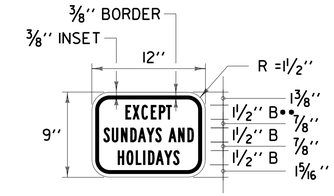


• 50% REDUCTION IN STANDARD SPACING

COLOR: RED BORDER & TEXT (REFLECTORIZED)
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.060 INCH THICK

LOCATION: STA P 26+71.0, RT
STA P 28+44.0, RT

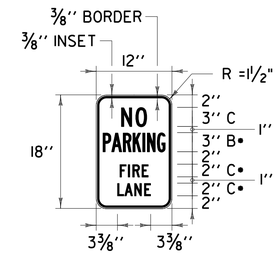


•• 20% INCREASE IN STANDARD SPACING

COLOR: GREEN BORDER & TEXT (REFLECTORIZED)
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.060 INCH THICK

LOCATION: STA P 36+47.0, RT
STA P 37+31.0, RT
STA P 38+33.0, RT
STA P 38+75.0, RT
STA P 39+17.0, RT
STA P 39+69.0, RT
STA P 40+12.0, RT



• 50% REDUCTION IN STANDARD SPACING

COLOR: RED BORDER & TEXT (REFLECTORIZED)
WHITE BACKGROUND (REFLECTORIZED)

MATERIAL: FLAT SHEET ALUMINUM 0.060 INCH THICK

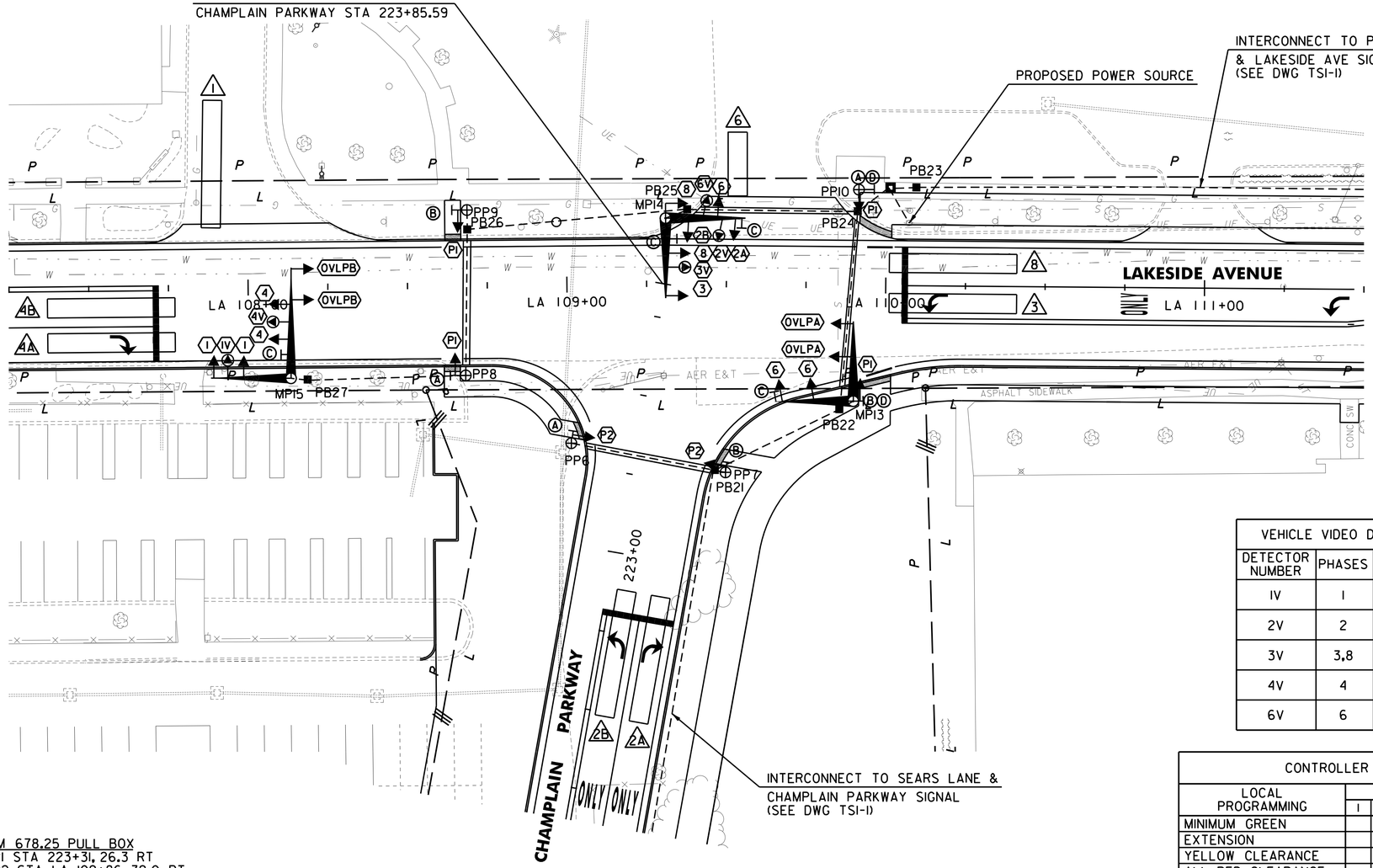
LOCATION: STA MD 1+95.0, LT

NOT TO SCALE

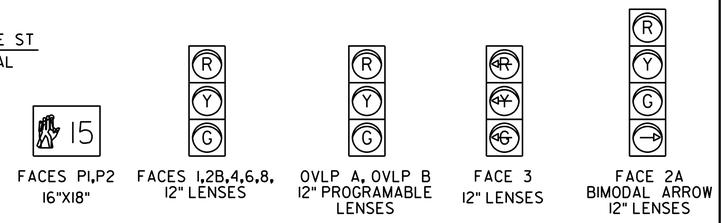
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078sds_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
SIGN DETAIL SHEET 2 (SDS-2)	SHEET 198 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078sds_c6.dgn
DATE/TIME =2/17/2016
USER =4916



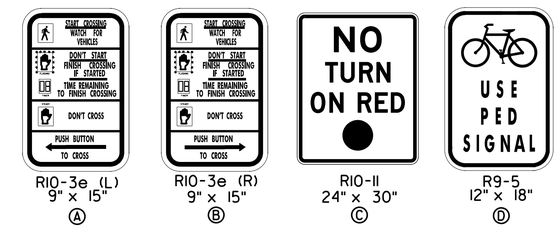
SIGNAL FACE ARRANGEMENT



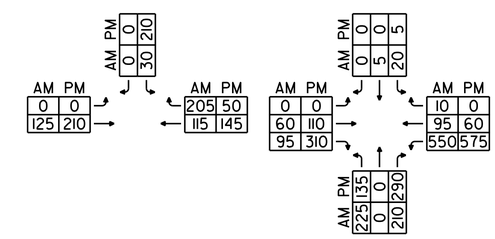
N

VT STATE PLANE GRID

SIGN DETAILS



ETC WEEKDAY TRAFFIC VOLUMES



VEHICLE VIDEO DETECTION		
DETECTOR NUMBER	PHASES	DETECTION AREA
1V	1	1
2V	2	2A,2B
3V	3,8	3,8
4V	4	4A,4B
6V	6	6

CONTROLLER TIMING CHART									
LOCAL PROGRAMMING	PHASE								
	1	2	3	4	5	6	7	8	9
MINIMUM GREEN									
EXTENSION									
YELLOW CLEARANCE									
ALL RED CLEARANCE									
MAX. GREEN 1									
MAX. GREEN 11 *									
OVLP A GREEN EXT									
OVLP B GREEN EXT									
WALK									
FLASHING DON'T WALK									
RECALL									
MEMORY									

*MAX. GREEN 11 IN EFFECT 3:30 PM - 6:00 PM ONLY.

EXISTING	NEW	LEGEND
		MAST ARM POLE (MP)
		STRAIN POLE (SP)
		CONTROLLER CABINET
		PULL BOX (PB) / JUNCTION BOX (JB)
		SIGNAL HEAD
		VIDEO DETECTOR
EX		CONDUIT
		CONDUIT SLEEVE
		DETECTION ZONE
		PEDESTAL POST (PP)
		MAST ARM MOUNTED SIGN
		STANCHION
		ANTENNA & PREEMPTION TELL-TALE LIGHT
		LUMINAIRE

ITEM 678.25 PULL BOX
PB21 STA 223+31, 26.3 RT
PB22 STA LA 109+86, 39.0 RT
PB23 STA LA 110+09, 30.8 LT
PB24 STA LA 109+91, 23.1 LT
PB25 STA LA 109+38, 23.4 LT
PB26 STA LA 108+69, 17.6 LT
PB27 STA LA 108+19, 29.3 RT

MAST ARM POLE
MP13 STA LA 109+90, 36.4 RT
MP14 STA LA 109+31, 20.6 LT
MP15 STA LA 108+13, 28.6 RT

PEDESTAL POLE
PP6 STA 222+31, 19.7 LT
PP7 STA 222+87, 29.5 RT
PP8 STA LA 108+68, 28.2 RT
PP9 STA LA 108+69, 23.7 LT
PP10 STA LA 109+91, 30.0 LT

ITEM 678.23 WIRED CONDUIT
(3") (PVC)
PB26 TO PB25 - 70 FT
PB25 TO MP14 - 8 FT
PB25 TO PB24 - 53 FT (2 RUNS)
PB24 TO CONTROLLER - 13 FT (2 RUNS)

ITEM 678.30 ELECTRICAL CONDUIT
SLEEVE (6") (PVC)
(ONLY ON ROADWAY SEGMENT OF RUN)
PP8 TO PB26 - 39 FT
PB21 TO PP6 - 40 FT
PB22 TO PB24 - 52 FT
PB25 TO PB24 - 47 FT (2 RUNS)

CONTROLLER
STA LA 110+01, 30.7 LT

POWER SOURCE
STA LA 110+07, 20.0 LT

ITEM 678.23 WIRED CONDUIT
(2") (PVC)
MP15 TO PB27 - 6 FT
PB27 TO PP8 - 50 FT
PP8 TO PB26 - 46 FT
PB26 TO PP9 - 6 FT
PB24 TO PP10 - 7 FT
CONTROLLER TO PB23 - 8 FT
CONTROLLER TO POWER SOURCE - 12 FT
PB22 TO PB24 - 62 FT
PB22 TO MP13 - 5 FT
PB22 TO PB21 - 43 FT
PB21 TO PP7 - 4 FT
PB21 TO PP6 - 46 FT

NOTES:

1. THIS PLAN SHEET SHALL ONLY BE USED AS A GUIDE FOR VIDEO DETECTOR PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
2. VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMAL AND PHASING IS NOT EFFECTED. DETECTION ZONES SHALL EXTEND 5 FEET PAST THE STOP BAR.
3. VIDEO DETECTION AREAS 1, 2A, 2B, 3, 4A, 4B, 6, AND 8 ARE IN NON-LOCK PRESENCE MODE.
4. SEE DWG MXS-1 FOR MAST ARM CROSS SECTIONS.
5. SEE DWG TRAFFIC SIGNAL TABLE (SHEET 200) FOR ADDITIONAL TABLES.
6. CROSSWALK MARKINGS ARE NOT SHOWN, SEE DWG STP-1 FOR STRIPING PLANS.

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

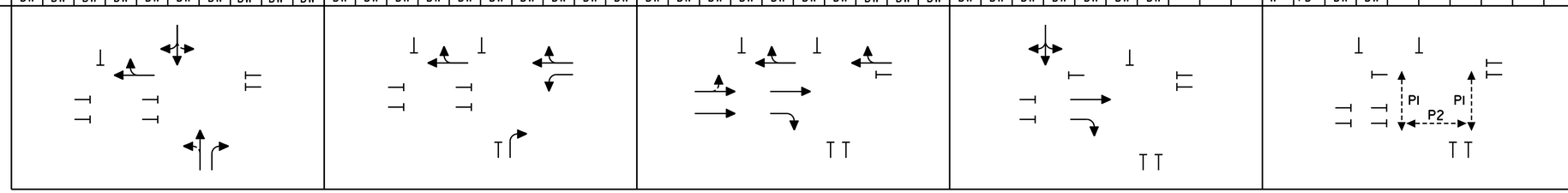
FILE NAME: z87d078bdrtsp_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGNAL PLAN SHEET 1 (TSP-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 199 OF 339

FILE NAME = U:\8659\870078\Consultants\z87d078bdr-tsp_c6.dgn
DATE/TIME = 2/17/2016
USER = 4916

TABLE OF CHANGE SEQUENCE (LAKESIDE AVENUE & CHAMPLAIN PARKWAY)

FACE	PHASE 2 + 6										PHASE 3 + 8										PHASE 4 + 8										PHASE 1										PHASE 9 (PED)										FLASHING OPERATION
	R/W	CLEAR TO 3 + 8			CLEAR TO 4 + 8			OTHERS			R/W	CLEAR TO 4 + 8			CLEAR TO 2 + 6			OTHERS			R/W	CLEAR TO 1			CLEAR TO 9			OTHERS			R/W	CLEAR TO 4+8			OTHERS						R/W	CLEAR TO ALL									
1	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	Y	R	R				R	R	R	R							FR
2A	G	Y	R	R	Y	R	R	Y	R	R	R/~~G~~	R/~~Y~~	R	R	R/~~G~~	R/~~G~~	R/~~G~~	R/~~Y~~	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R				R	R	R	R							FR
2B	G	Y	R	R	Y	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R				R	R	R	R							FR
3	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~G~~	~~Y~~	~~R~~	~~R~~	~~Y~~	~~R~~	~~R~~	~~Y~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~	~~R~~				~~R~~	~~R~~	~~R~~	~~R~~							B
4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	Y	R	R	Y	R	R	R	R	R	R	R	R				R	R	R	R							FY
6	G	Y	R	R	Y	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R				R	R	R	R							FR
8	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	R	Y	R	R	G	Y	R	R	Y	R	R	Y	R	R	R	R	R	R	R	R				R	R	R	R							FY
OVLP A	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	G	Y	R	G	Y	R	G	G	G	G	G	Y	R				R	R	R	R							FY
OVLP B	G	G	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	Y	R	G	G	Y	R	G	Y	R	G	G	G	R	R	R	R	R	R	R				R	R	R	R							FY
P1	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW				W*	FD*	DW	DW							B
P2	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW				W*	FD*	DW	DW							B



W = STEADY MAN SYMBOL, FD = FLASHING HAND SYMBOL, DW = STEADY HAND SYMBOL, B = BLANK,
R = RED INDICATION, Y = YELLOW INDICATION, G = GREEN INDICATION
* = INDICATIONS WILL BE DW WHEN THERE IS NO PEDESTRIAN ACTUATION.

LIST OF MAJOR EQUIPMENT

EQUIPMENT ITEM 678.15 (LAKESIDE AVENUE & CHAMPLAIN PARKWAY)		QTY.
DUAL MAST ARM POLE		3
PEDESTAL POST		5
12" TRAFFIC SIGNAL HEAD WITH VISOR, DISCONNECT & MOUNTING HARDWARE	3 - SECTION	11
	3 - SECTION W/ PROGRAMMABLE LENSES	4
	4 - SECTION	1
16"x18" LED PEDESTRIAN HEAD WITH VISOR & MOUNTING HARDWARE (HAND/MAN SYMBOLS WITH COUNTDOWN TIMER)	SIDE MOUNT	1
	POST TOP MOUNT	5
CONTROLLER/CABINET		1
AUDIBLE PEDESTRIAN PUSHBUTTON WITH SIGN		6
OVERHEAD TRAFFIC SIGN WITH MOUNTING HARDWARE		4
BIKE CROSSING SIGN WITH MOUNTING HARDWARE		2

EQUIPMENT ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM)	QTY.
VIDEO DETECTOR CAMERA ASSEMBLY WITH INTEGRATED MVP	5
VIDEO DETECTOR CIP	1
VIDEO DETECTOR CABLE	900'
VIDEO DETECTOR CAMERA MOUNTING BRACKET	5

EQUIPMENT		QTY.	ITEM
WIRED CONDUIT	(2") (PVC)	295'	678.23
	(3") (PVC)	210'	
PULL BOX - STANDARD		7	678.25
ELECTRICAL CONDUIT SLEEVE (6") (PVC)		225'	678.30

THE QUANTITIES LISTED ABOVE ARE APPROXIMATE AND ARE FURNISHED FOR INFORMATION ONLY. MISCELLANEOUS (UNLISTED) WIRE, CABLE, HARDWARE, ETC. ARE REQUIRED TO PROVIDE FOR A FUNCTIONING TRAFFIC SIGNAL SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE NUMBER OF ITEMS AND TYPES OF EQUIPMENT REQUIRED.

FILE NAME =U:\86591\870878\Consultants\z87d078tst_c6.dgn
DATE/TIME =2/17/2016
USER =4916

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078tst_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGNAL TABLE SHEET (TST-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 200 OF 339

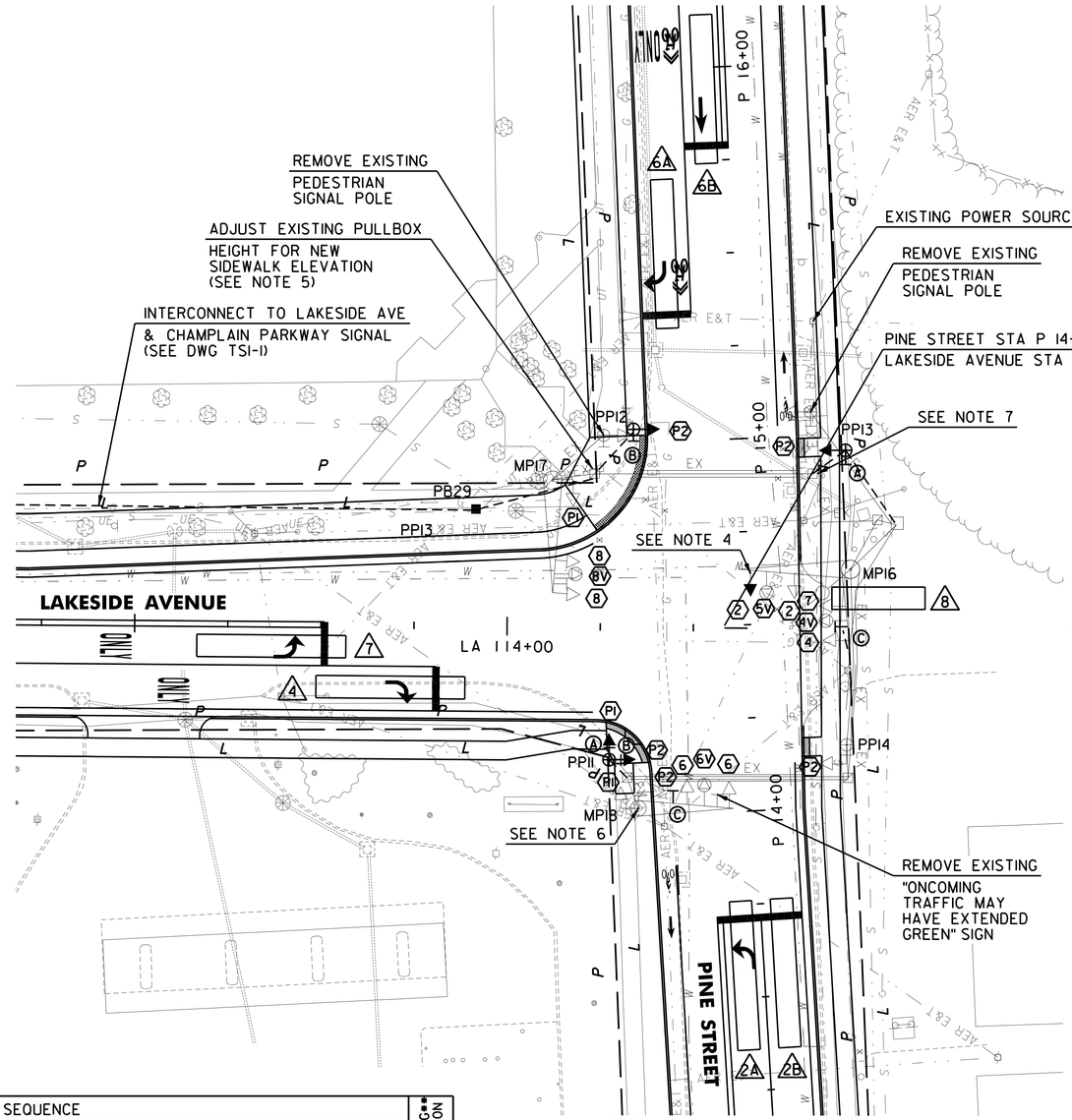
EXISTING	NEW	LEGEND
		MAST ARM POLE (MP)
		STRAIN POLE (SP)
		CONTROLLER CABINET
		PULL BOX (PB) / JUNCTION BOX (JB)
		SIGNAL HEAD
		VIDEO DETECTOR
EX		CONDUIT
		CONDUIT SLEEVE
		DETECTION ZONE
		PEDESTAL POST (PP)
		MAST ARM MOUNTED SIGN
		STANCHION
		ANTENNA & PREEMPTION TELL-TALE LIGHT
		LUMINAIRE

LIST OF MAJOR EQUIPMENT

EQUIPMENT ITEM 678.15 (PINE STREET & LAKESIDE AVENUE)		QTY.
PEDESTAL POST		3
12" TRAFFIC SIGNAL HEAD WITH VISOR, DISCONNECT & MOUNTING HARDWARE	3 - SECTION	1
16"x18" LED PEDESTRIAN HEAD WITH VISOR & MOUNTING HARDWARE (HAND/MAN SYMBOLS WITH COUNTDOWN TIMER)	POST TOP MOUNT	4
AUDIBLE PEDESTRIAN PUSHBUTTON WITH SIGN		4
OVERHEAD TRAFFIC SIGN WITH MOUNTING HARDWARE		2

EQUIPMENT	QTY.	ITEM
WIRED CONDUIT (2") (PVC)	91'	678.23
PULL BOX - STANDARD	1	678.25

THE QUANTITIES LISTED ABOVE ARE APPROXIMATE AND ARE FURNISHED FOR INFORMATION ONLY. MISCELLANEOUS (UNLISTED) WIRE, CABLE, HARDWARE, ETC. ARE REQUIRED TO PROVIDE FOR A FUNCTIONING TRAFFIC SIGNAL SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE NUMBER OF ITEMS AND TYPES OF EQUIPMENT REQUIRED.



ITEM 678.25 PULL BOX
PB29 STA LA 113+91, 31.4 LT

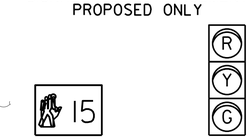
CONTROLLER
STA P 14+75, 48.1 RT

MAST ARM POLE
MPI6 STA P 14+63, 34.7 RT (EXISTING)
MPI7 STA P 14+92, 43.7 LT (EXISTING)
MPI8 STA P 14+02, 25.9 LT (EXISTING)

PEDESTAL POLE
PPI1 STA P 14+16, 33.0 LT
PPI2 STA P 15+03, 21.2 LT
PPI3 STA P 14+95, 35.3 RT
PPI4 STA P 14+16, 31.0 RT (EXISTING)

ITEM 678.23 WIRED CONDUIT (2") (PVC)
PB29 TO EXISTING PB NW QUAD - 33'
PPI2 TO EXISTING PB NW QUAD - 16'
PPI3 TO CONTROLLER - 24'
PPI1 TO EXISTING PB SW QUAD - 7'
PPI3 TO EXISTING PB NE QUAD - 11'

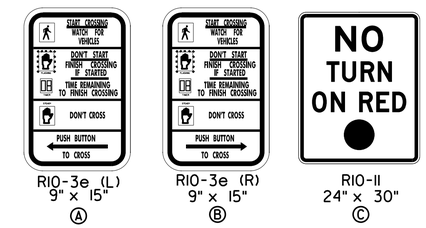
SIGNAL FACE ARRANGEMENT PROPOSED ONLY



FACES P1,P2 16" x 18"

FACE 2 12" LENSES

SIGN DETAILS PROPOSED ONLY



R10-3e (L) 9" x 15" Ⓐ
R10-3e (R) 9" x 15" Ⓑ
R10-11 24" x 30" Ⓒ

CONTROLLER TIMING CHART

LOCAL PROGRAMMING	PHASE 1	2	3	4	5	6	7	8	9
MINIMUM GREEN									
EXTENSION									
YELLOW CLEARANCE									
ALL RED CLEARANCE									
MAX. GREEN I									
MAX. GREEN II *									
WALK									
FLASHING DON'T WALK									
RECALL									
MEMORY									

*MAX. GREEN II IN EFFECT 3:30 PM - 6:00 PM ONLY.

VEHICLE VIDEO DETECTION •

DETECTOR NUMBER	PHASES	DETECTION AREA
5V ••	2	2A,2B
4V	4	4, 7
6V	6	6A, 6B
8V	8	8

• EXISTING VIDEO DETECTORS SHALL REMAIN. PHASING SHALL BE UPDATED AS NOTED.

•• EXISTING PHASE 5 DETECTION AREA SHALL BE CHANGED TO DETECT PHASE 2 ONLY.

ETC WEEKDAY TRAFFIC VOLUMES

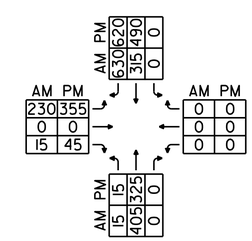
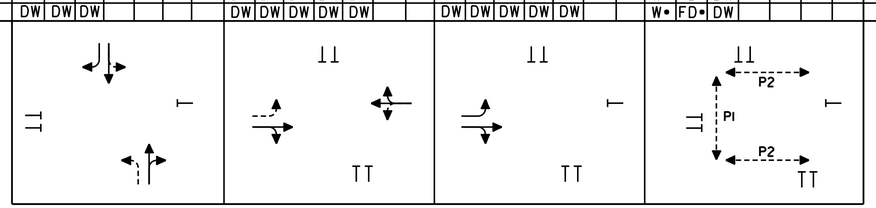


TABLE OF CHANGE SEQUENCE

FACE	PHASE 2 + 6 R/W	CLEAR TO ALL		PHASE 4 + 8 R/W	CLEAR TO 4+7	CLEAR TO OTHER		PHASE 4 + 7 R/W	CLEAR TO 4+8	CLEAR TO OTHER		PHASE 9 (PED) R/W	CLEAR TO ALL		FLASHING•• OPERATION
2	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	FY
4	R	R	R	G	G	G	Y	R	G	G	Y	R	R	R	FR
6	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	FY
7	R	R	R	G	G	G	Y	R	G/~~G~~	G/~~Y~~	G/~~Y~~	R	R	R	FR
8	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R	FR
P1	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W•	FD•	DW	B
P2	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W•	FD•	DW	B



W = STEADY MAN SYMBOL, FD = FLASHING HAND SYMBOL, DW = STEADY HAND SYMBOL,
B = BLANK, R = RED INDICATION, Y = YELLOW INDICATION, G = GREEN INDICATION
• = INDICATIONS WILL BE DW WHEN THERE IS NO PEDESTRIAN ACTUATION.
•• = 12:00 AM TO 6:00 AM

NOTES:

1. VIDEO DETECTION AREAS 2A, 2B, 4, 6A, 6B, 7, AND 8 ARE IN NON-LOCK PRESENCE MODE.
2. SEE DWG MXS-2 FOR MAST ARM CROSS SECTIONS.
3. CROSSWALK MARKINGS ARE NOT SHOWN, SEE DWG STP-3 FOR STRIPING PLANS.
4. THE EXISTING 4 - SECTION HEAD 5 SHALL BE REPLACED WITH A 3 - SECTION HEAD.
5. NEW CONDUIT SHALL BE PROVIDED BETWEEN PULLBOX 29 AND THE EXISTING PULLBOX IN THE NW QUAD FOR THE TRAFFIC SIGNAL INTERCONNECT. THE INTERCONNECT WIRING SHALL BE PULLED THROUGH THE EXISTING CONDUIT SYSTEM TO THE EXISTING CONTROLLER.
6. REMOVE EXISTING PEDESTRIAN SIGNAL EQUIPMENT ON MPI8. ANY HOLES ON MPI8 SHALL BE REPAIRED.
7. NEW WIRING SHALL BE PULLED THROUGH MODIFIED CONDUIT SYSTEM FOR EXISTING MPI7 AND PPI2.
8. SIGNAL EQUIPMENT REMOVAL SHALL BE REMOVED UNDER ITEM 678.45.

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrtsp_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGNAL PLAN SHEET 2 (TSP-2)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 201 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078bdr-tsp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

LIST OF MAJOR EQUIPMENT

EQUIPMENT ITEM 678.15 (PINE STREET & MAPLE STREET)		QTY.
PEDESTAL POST		8
12" TRAFFIC SIGNAL HEAD WITH VISOR, DISCONNECT & MOUNTING HARDWARE	3 - SECTION	8
16"x18" LED PEDESTRIAN HEAD WITH VISOR & MOUNTING HARDWARE (HAND/MAN SYMBOLS WITH COUNTDOWN TIMER)	SIDE MOUNT	7
	POST TOP MOUNT	1
CONTROLLER/CABINET		1
AUDIBLE PEDESTRIAN PUSHBUTTON WITH SIGN		8

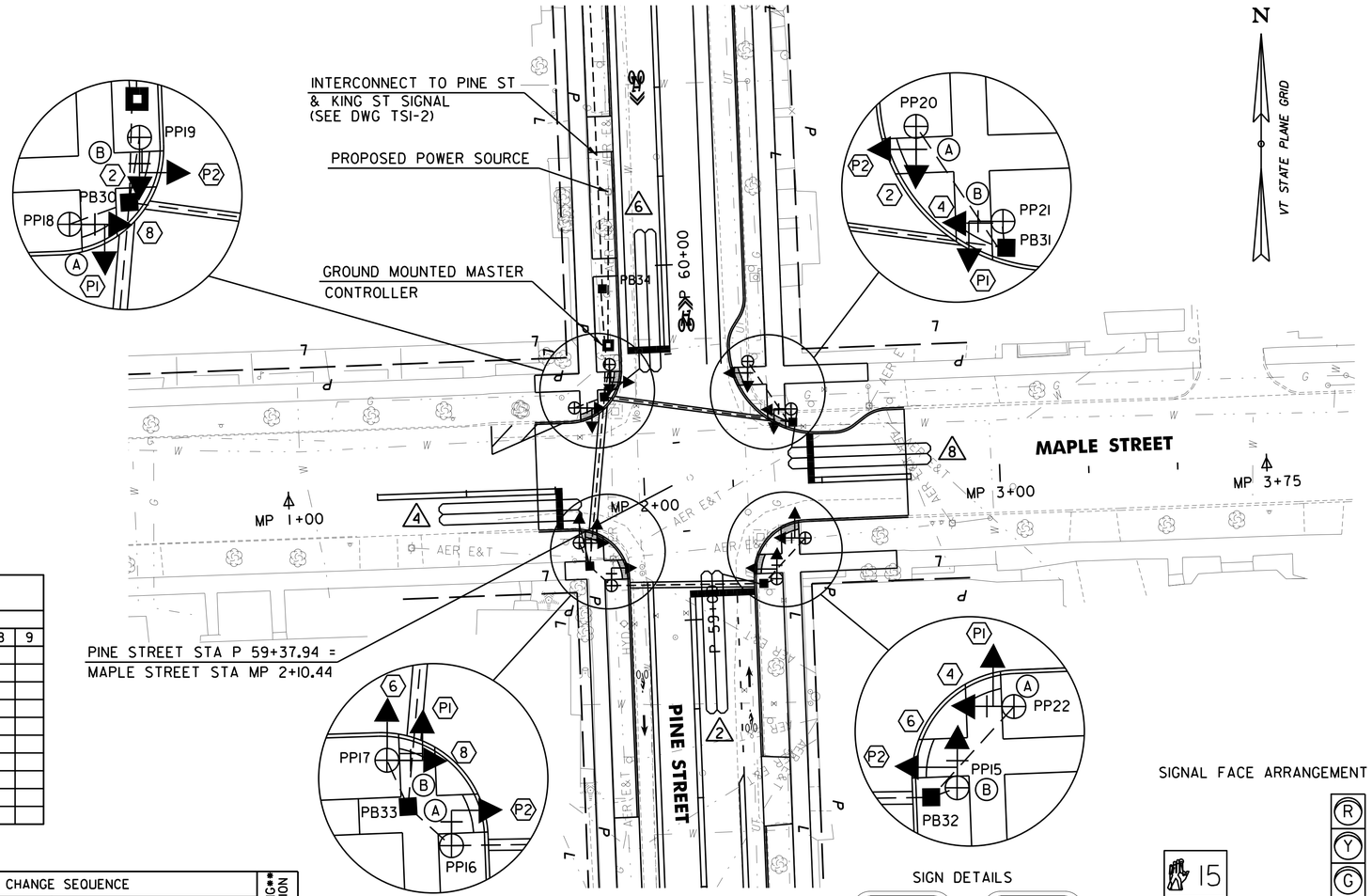
EQUIPMENT		QTY.	ITEM
VEHICLE LOOP DETECTOR (SAWCUT QUANTITY ONLY)		550'	678.22
WIRED CONDUIT	(1-1/2") (PVC)	23'	678.23
	(2") (PVC)	236'	
	(3") (PVC)	78'	
PULL BOX - STANDARD		5	678.25
ELECTRICAL CONDUIT SLEEVE (6") (PVC)		114'	678.30

THE QUANTITIES LISTED ABOVE ARE APPROXIMATE AND ARE FURNISHED FOR INFORMATION ONLY. MISCELLANEOUS (UNLISTED) WIRE, CABLE, HARDWARE, ETC. ARE REQUIRED TO PROVIDE FOR A FUNCTIONING TRAFFIC SIGNAL SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE NUMBER OF ITEMS AND TYPES OF EQUIPMENT REQUIRED.

CONTROLLER TIMING CHART

LOCAL PROGRAMMING	PHASE 1	2	3	4	5	6	7	8	9
MINIMUM GREEN									
EXTENSION									
YELLOW CLEARANCE									
ALL RED CLEARANCE									
MAX. GREEN I									
MAX. GREEN II*									
WALK									
FLASHING DON'T WALK									
RECALL									
MEMORY									

*MAX. GREEN II IN EFFECT 3:30 PM - 6:00 PM ONLY.



ITEM 678.25 PULL BOX
PB30 STA P 59+63, 18.1 LT
PB31 STA P 59+54, 34.6 RT
PB32 STA P 59+09, 24.6 RT
PB33 STA P 59+16, 24.1 LT
PB34 STA P 59+94, 17.5 LT

PEDESTAL POLE
PP15 STA P 59+10, 28.3 RT
PP16 STA P 59+10, 18.2 LT
PP17 STA P 59+23, 26.8 LT
PP18 STA P 59+61, 26.6 LT
PP19 STA P 59+72, 16.4 LT
PP20 STA P 59+72, 22.6 RT
PP21 STA P 59+58, 34.1 RT
PP22 STA P 59+21, 36.7 RT

ITEM 678.23 WIRED CONDUIT (2") (PVC)
PB32 TO PP22 - 17 FT
PB32 TO PP15 - 4 FT
PB32 TO PP16 - 43 FT
PP16 TO PB33 - 9 FT
PB33 TO PP17 - 7 FT
PB30 TO PP18 - 9 FT
PB30 TO PP19 - 9 FT
CONTROLLER TO POWER SOURCE - 43 FT
CONTROLLER TO PB34 - 16 FT
PB30 TO PB31 - 54 FT
PB31 TO PP20 - 21 FT
PB31 TO PP21 - 4 FT

ITEM 678.23 WIRED CONDUIT (3") (PVC)
PB33 TO PB30 - 48 FT
PB30 TO CONTROLLER - 15 FT (2 RUNS)

ITEM 678.23 WIRED CONDUIT (1½") (PVC)
PB30 - 6 FT (1 RUN)
PB31 - 3 FT (1 RUN)
PB32 - 3 FT (1 RUN)
PB33 - 11 FT (1 RUN)

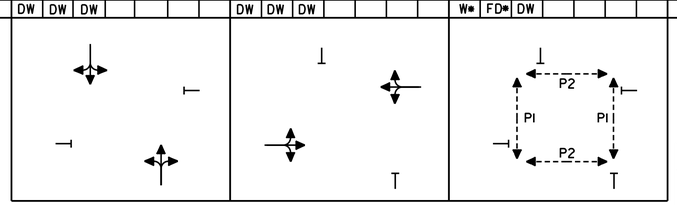
ITEM 678.30 ELECTRICAL CONDUIT SLEEVE (6") (PVC)
(ONLY ON ROADWAY SEGMENT OF RUN)
PB32 TO PP26 - 36 FT
PB30 TO PB31 - 44 FT
PB33 TO PB30 - 34 FT

CONTROLLER
STA P 59+78, 16.4 LT

POWER SOURCE
STA P 60+21, 14.8 LT

TABLE OF CHANGE SEQUENCE

FACE	PHASE 2 + 6 R/W	CLEAR TO ALL			PHASE 4 + 8 R/W	CLEAR TO ALL			PHASE 9 (PED) R/W	CLEAR TO ALL			FLASHING** OPERATION
2	G	Y	R		R	R	R		R	R	R		FY
4	R	R	R		G	Y	R		R	R	R		FR
6	G	Y	R		R	R	R		R	R	R		FY
8	R	R	R		G	Y	R		R	R	R		FR
PI	DW	DW	DW		DW	DW	DW		W*	FD*	DW		B
P2	DW	DW	DW		DW	DW	DW		W*	FD*	DW		B

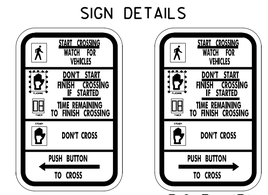


W = STEADY MAN SYMBOL, FD = FLASHING HAND SYMBOL, DW = STEADY HAND SYMBOL, B = BLANK,
R = RED INDICATION, Y = YELLOW INDICATION, G = GREEN INDICATION
* = INDICATIONS WILL BE DW WHEN THERE IS NO PEDESTRIAN ACTUATION.
** = 12:00 AM TO 6:00 AM

NOTES:

1. SEE SHEET MXS-3 FOR PEDESTAL POLE CROSS SECTIONS.
2. CROSSWALK MARKINGS ARE NOT SHOWN, SEE DWG STP-11 FOR STRIPING PLANS.

SIGN DETAILS

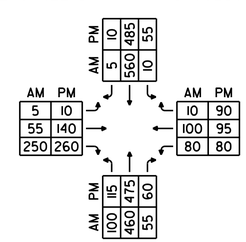


R10-3e (L) 9" x 15" (A)
R10-3e (R) 9" x 15" (B)

SIGNAL FACE ARRANGEMENT

FACES P1,P2 16" x 18"
FACES 2,4,6,8 12" LENSES

ETC WEEKDAY TRAFFIC VOLUMES



EXISTING	NEW	LEGEND
		MAST ARM POLE (MP)
		STRAIN POLE (SP)
		CONTROLLER CABINET
		PULL BOX (PB) / JUNCTION BOX (JB)
		SIGNAL HEAD
		VIDEO DETECTOR
EX		CONDUIT
		CONDUIT SLEEVE
		LOOP DETECTOR
		PEDESTAL POST (PP)
		MAST ARM MOUNTED SIGN
		STANCHION
		ANTENNA & PREEMPTION TELL-TALE LIGHT
		LUMINAIRE

TEST RESULTS

VEHICLE LOOP DETECTORS								INDUCTANCE (uH)		RESISTANCE Ω @ 25°C		(MΩ)
LANE	LOOP NO.	SIZE	TYPE	NO. TURNS	CALL Ø	MODE	AMP.	CALCULATED	MEASURED	CALCULATED	MEASURED	LEAKAGE TO GROUND
NB LTR	2	6' x 40'	LONG	2	2	PRESENCE	NON-DELAY	374		1.02		
EB LTR	4	6' x 40'	LONG	2	4	PRESENCE	NON-DELAY	355		0.78		
SB LTR	6	6' x 40'	LONG	2	6	PRESENCE	NON-DELAY	343		0.63		
WB LTR	8	6' x 40'	LONG	2	8	PRESENCE	NON-DELAY	358		0.81		

ALL CALCULATED VALUES ARE AT THE CONTROLLER. MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.

0 20 40
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrtsp_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGNAL PLAN SHEET 3 (TSP-3)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 202 OF 339

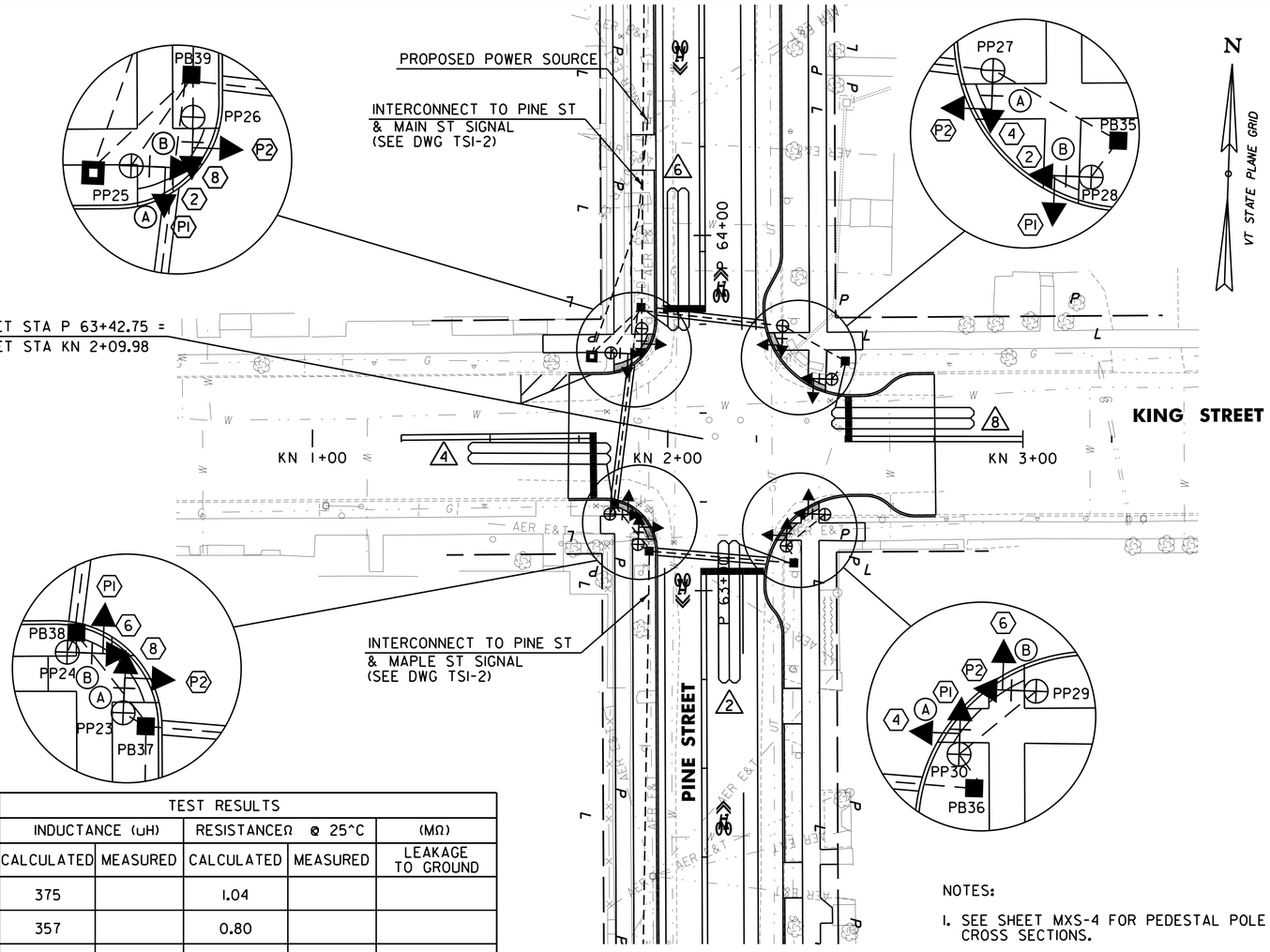
FILE NAME =U:\8659\870078\Consultants\z87d078bdr-tsp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

LIST OF MAJOR EQUIPMENT

EQUIPMENT ITEM 678.15 (PINE STREET & KING STREET)		QTY.
PEDESTAL POST		8
12'' TRAFFIC SIGNAL HEAD WITH VISOR, DISCONNECT & MOUNTING HARDWARE	3 - SECTION	8
16''x18'' LED PEDESTRIAN HEAD WITH VISOR & MOUNTING HARDWARE (HAND/MAN SYMBOLS WITH COUNTDOWN TIMER)	SIDE MOUNT	8
CONTROLLER/CABINET		1
AUDIBLE PEDESTRIAN PUSHBUTTON WITH SIGN		8

EQUIPMENT		QTY.	ITEM
VEHICLE LOOP DETECTOR (SAWCUT QUANTITY ONLY)		570	678.22
WIRED CONDUIT	(1-1/2") (PVC)	25'	678.23
	(2") (PVC)	241'	
	(3") (PVC)	96'	
PULL BOX - STANDARD		5	678.25
ELECTRICAL CONDUIT SLEEVE (6") (PVC)		100'	678.30

THE QUANTITIES LISTED ABOVE ARE APPROXIMATE AND ARE FURNISHED FOR INFORMATION ONLY. MISCELLANEOUS (UNLISTED) WIRE, CABLE, HARDWARE, ETC. ARE REQUIRED TO PROVIDE FOR A FUNCTIONING TRAFFIC SIGNAL SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE NUMBER OF ITEMS AND TYPES OF EQUIPMENT REQUIRED.



ITEM 678.25 PULL BOX
PB35 STA P 63+64, 40.1 RT
PB36 STA P 63+07, 25.4 RT
PB37 STA P 63+11, 15.3 LT
PB38 STA P 63+24, 25.1 LT
PB39 STA P 63+79, 17.2 LT

PEDESTAL POLE
PP23 STA P 63+13, 18.5 LT
PP24 STA P 63+21, 26.3 LT
PP25 STA P 63+67, 25.9 LT
PP26 STA P 63+73, 17.1 LT
PP27 STA P 63+74, 22.5 RT
PP28 STA P 63+59, 36.3 RT
PP29 STA P 63+21, 34.2 RT
PP30 STA P 63+12, 23.3 RT

ITEM 678.23 WIRED CONDUIT (2'') (PVC)
PB36 TO PP30 - 5 FT
PB36 TO PB37 - 41 FT
PB37 TO PP23 - 4 FT
PB37 TO PB38 - 17 FT
PB38 TO PP24 - 3 FT
PB39 TO PP25 - 15 FT
PB39 TO PP26 - 6 FT
CONTROLLER TO POWER SOURCE - 69 FT
PB39 TO PP27 - 40 FT
PP27 TO PB 35 - 20 FT
PB35 TO PP28 - 7 FT
PP30 TO PP29 - 14 FT

ITEM 678.23 WIRED CONDUIT (3'') (PVC)
PB38 TO PB39 - 56 FT
PB39 TO CONTROLLER - 20 FT (2 RUNS)

ITEM 678.23 WIRED CONDUIT (1½'') (PVC)
PB35 - 10 FT (1 RUN)
PB36 - 8 FT (1 RUN)
PB38 - 2 FT (1 RUN)
PB39 - 5 FT (1 RUN)

ITEM 678.30 ELECTRICAL CONDUIT SLEEVE (6'') (PVC)
(ONLY ON ROADWAY SEGMENT OF RUN)
PB37 TO PP27 - 31 FT
PB38 TO PB39 - 38 FT
PB36 TO PB37 - 31 FT

CONTROLLER
STA P 63+66, 31.3 LT

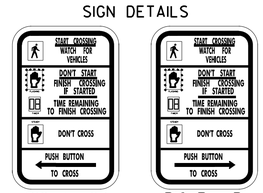
POWER SOURCE
STA P 64+32, 15.3 LT

VEHICLE LOOP DETECTORS								TEST RESULTS				
								INDUCTANCE (uH)		RESISTANCE Ω @ 25^C		(MΩ)
LANE	LOOP NO.	SIZE	TYPE	NO. TURNS	CALL Ø	MODE	AMP.	CALCULATED	MEASURED	CALCULATED	MEASURED	LEAKAGE TO GROUND
NB LTR	2	6' x 40'	LONG	2	2	PRESENCE	NON-DELAY	375		1.04		
EB LTR	4	6' x 40'	LONG	2	4	PRESENCE	NON-DELAY	357		0.80		
SB LTR	6	6' x 40'	LONG	2	6	PRESENCE	NON-DELAY	342		0.61		
WB LTR	8	6' x 40'	LONG	2	8	PRESENCE	NON-DELAY	359		0.83		
								ALL CALCULATED VALUES ARE AT THE CONTROLLER. MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.				

NOTES:

1. SEE SHEET MXS-4 FOR PEDESTAL POLE CROSS SECTIONS.
2. CROSSWALK MARKINGS ARE NOT SHOWN. SEE DWG STP-12 FOR STRIPING PLANS.

SIGN DETAILS

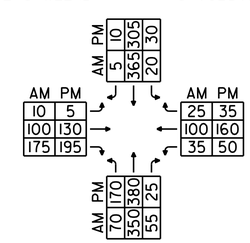


R10-3e (L) 9'' x 15'' Ⓐ

R10-3e (R) 9'' x 15'' Ⓑ

EXISTING	NEW	LEGEND
		MAST ARM POLE (MP)
		STRAIN POLE (SP)
		CONTROLLER CABINET
		PULL BOX (PB) / JUNCTION BOX (JB)
		SIGNAL HEAD
		VIDEO DETECTOR
EX		CONDUIT
		CONDUIT SLEEVE
		LOOP DETECTOR
		PEDESTAL POST (PP)
		MAST ARM MOUNTED SIGN
		STANCHION
		ANTENNA & PREEMPTION TELL-TALE LIGHT
		LUMINAIRE

ETC WEEKDAY TRAFFIC VOLUMES



| TABLE OF CHANGE SEQUENCE | | | | | | | |

LIST OF MAJOR EQUIPMENT

EQUIPMENT ITEM 678.15 (PINE STREET & MAIN STREET)		QTY.
CANTILEVER POLE WITH MAST ARM		2
PEDESTAL POST		6
12" TRAFFIC SIGNAL HEAD WITH VISOR, DISCONNECT & MOUNTING HARDWARE	3 - SECTION	8
16"x18" LED PEDESTRIAN HEAD WITH VISOR & MOUNTING HARDWARE (HAND/MAN SYMBOLS WITH COUNTDOWN TIMER)	SIDE MOUNT	6
	POST TOP MOUNT	2
CONTROLLER/CABINET		1
AUDIBLE PEDESTRIAN PUSHBUTTON WITH SIGN		8

CONTROLLER TIMING CHART

LOCAL PROGRAMMING	PHASE 1	2	3	4	5	6	7	8	9
MINIMUM GREEN									
EXTENSION									
YELLOW CLEARANCE									
ALL RED CLEARANCE									
MAX. GREEN 1									
MAX. GREEN 11 *									
WALK									
FLASHING DON'T WALK									
RECALL									
MEMORY									

*MAX. GREEN 11 IN EFFECT 3:30 PM - 6:00 PM ONLY.

EQUIPMENT		QTY.	ITEM
WIRED CONDUIT	(2") (PVC)	153'	678.23
	(3") (PVC)	159'	
PULL BOX - STANDARD		5	678.25
ELECTRICAL CONDUIT SLEEVE (6") (PVC)		135'	678.30

EQUIPMENT ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM)	QTY.
VIDEO DETECTOR CAMERA ASSEMBLY WITH INTEGRATED MVP	4
VIDEO DETECTOR CIP	1
VIDEO DETECTOR PORT MASTER	1
VIDEO DETECTOR CABLE	475'
VIDEO DETECTOR CAMERA MOUNTING BRACKET	4

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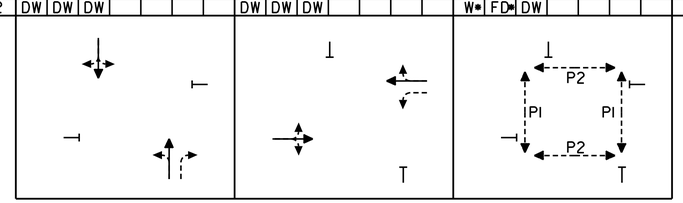
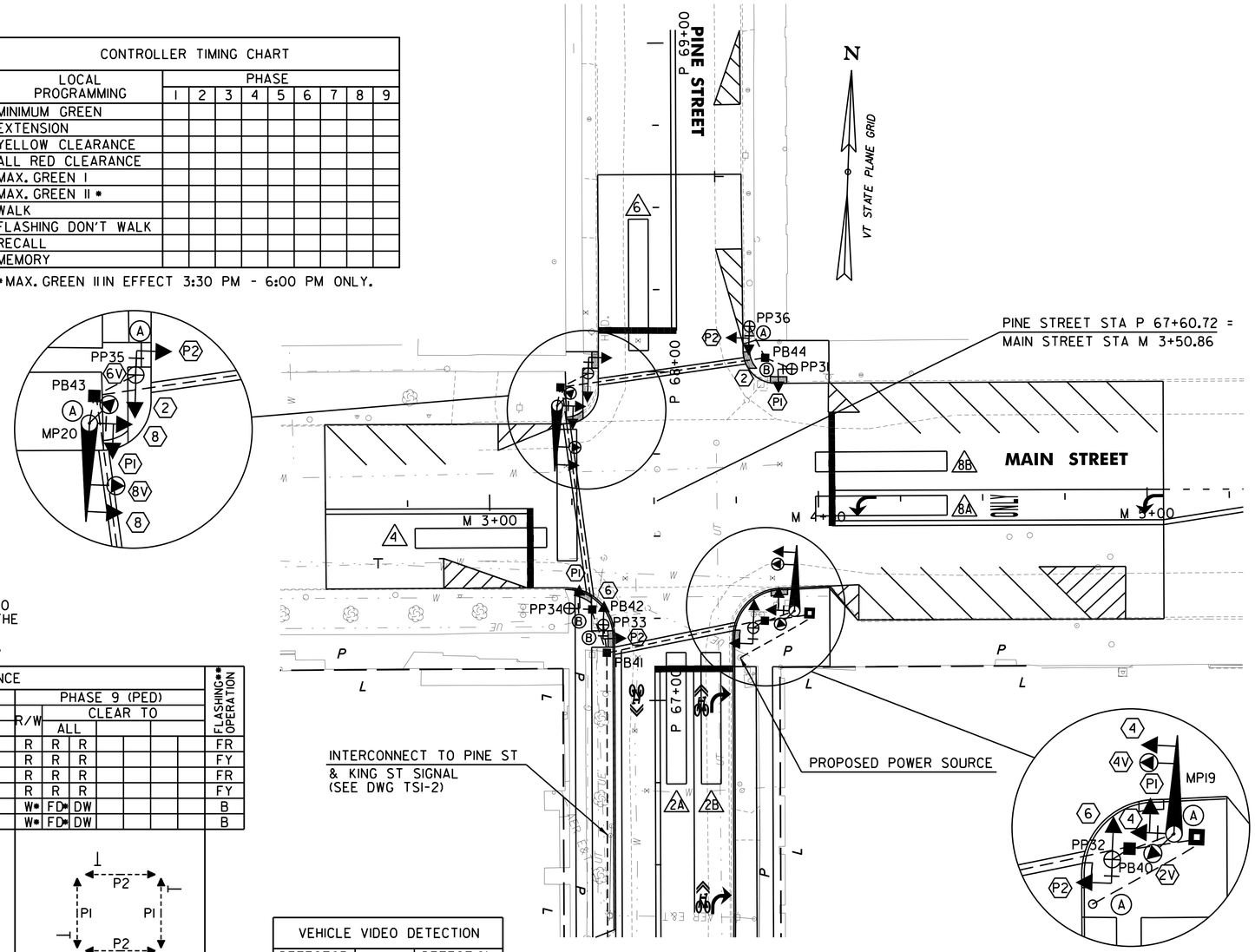
TABLE OF CHANGE SEQUENCE

FACE	PHASE 2 + 6 R/W	CLEAR TO ALL		PHASE 4 + 8 R/W	CLEAR TO ALL		PHASE 9 (PED) R/W	CLEAR TO ALL		FLASHING** OPERATION
2	G	Y	R	R	R	R	R	R	R	FR
4	R	R	R	G	Y	R	R	R	R	FY
6	G	Y	R	R	R	R	R	R	R	FR
8	R	R	R	G	Y	R	R	R	R	FY
P1	DW	DW	DW	DW	DW	DW	W*	FD*	DW	B
P2	DW	DW	DW	DW	DW	DW	W*	FD*	DW	B



W = STEADY MAN SYMBOL, FD = FLASHING HAND SYMBOL, DW = STEADY HAND SYMBOL, B = BLANK,
R = RED INDICATION, Y = YELLOW INDICATION, G = GREEN INDICATION
* = INDICATIONS WILL BE DW WHEN THERE IS NO PEDESTRIAN ACTUATION.
** = 12:00 AM TO 6:00 AM



ITEM 678.25 PULL BOX
PB40 STA P 67+24, 32.7 RT
PB41 STA P 67+14, 15.4 LT
PB42 STA P 67+27, 20.0 LT
PB43 STA P 67+95, 29.2 LT
PB44 STA P 68+04, 33.1 RT

MAST ARM POLE
MP19 STA P 67+27, 41.7 RT
MP20 STA P 67+89, 30.2 LT

PEDESTAL POLE
PP31 STA P 68+00, 41.2 RT
PP32 STA P 67+22, 29.2 RT
PP33 STA P 67+23, 16.4 LT
PP34 STA P 67+28, 26.8 LT
PP35 STA P 67+99, 20.8 LT
PP36 STA P 68+13, 28.4 RT

ITEM 678.23 WIRED CONDUIT (2") (PVC)
PB44 TO PP31 - 9 FT
PB44 TO PP36 - 11 FT
PB44 TO PB43 - 63 FT
PB43 TO PP35 - 9 FT
PB43 TO MP20 - 6 FT
PB42 TO PP34 - 7 FT
PB41 TO PP33 - 9 FT
PB40 TO PP32 - 4 FT
PB40 TO MP19 - 10 FT
CONTROLLER TO POWER SOURCE - 25 FT

ITEM 678.23 WIRED CONDUIT (3") (PVC)
PB41 TO PB40 - 49 FT
PB42 TO PB41 - 14 FT
PB 43 TO PB42 - 68 FT
PB40 TO CONTROLLER - 14 FT (2 RUNS)

ITEM 678.30 ELECTRICAL CONDUIT SLEEVE (6") (PVC)
(ONLY ON ROADWAY SEGMENT OF RUN)
PB44 TO PB43 - 45 FT
PB43 TO PB42 - 53 FT
PB41 TO PB40 - 37 FT

CONTROLLER
STA P 67+26, 46.5 RT

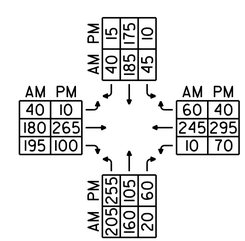
POWER SOURCE
STA P 67+13, 25.2 RT

EXISTING	NEW	LEGEND
		MAST ARM POLE (MP)
		STRAIN POLE (SP)
		CONTROLLER CABINET
		PULL BOX (PB) / JUNCTION BOX (JB)
		SIGNAL HEAD
		VIDEO DETECTOR
EX		CONDUIT
		CONDUIT SLEEVE
		DETECTION ZONE
		PEDESTAL POST (PP)
		MAST ARM MOUNTED SIGN
		STANCHION
		ANTENNA & PREEMPTION TELL-TALE LIGHT
		LUMINAIRE

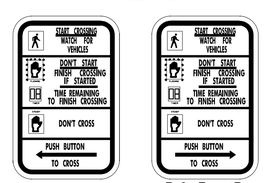
VEHICLE VIDEO DETECTION

DETECTOR NUMBER	PHASES	DETECTION AREA
2V	2	2A,2B
4V	4	4
6V	6	6
8V	8	8A,8B

ETC WEEKDAY TRAFFIC VOLUMES



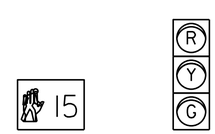
SIGN DETAILS



R10-3e (L)
9" x 15"
(A)

R10-3e (R)
9" x 15"
(B)

SIGNAL FACE ARRANGEMENT



FACES P1,P2
16"X18"

FACES 2,4,6,8
12" LENSES

NOTES:

1. THIS PLAN SHEET SHALL ONLY BE USED AS A GUIDE FOR VIDEO DETECTOR PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
2. VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMAL AND PHASING IS NOT EFFECTED. DETECTION ZONES SHALL EXTEND 5 FEET PAST THE STOP BAR.
3. VIDEO DETECTION AREAS 2A, 4, 6, 8A AND 8B ARE IN NON-LOCK PRESENCE MODE. VIDEO DETECTION AREA 2B IS IN DELAY MODE, 5 SECONDS, NON-LOCK.
4. SEE SHEET MXS-5 FOR MAST ARM AND PEDESTAL POLE CROSS SECTIONS.
5. CROSSWALK MARKINGS ARE NOT SHOWN, SEE DWG STP-13 FOR STRIPING PLANS.
6. THE EXISTING SIGNAL SHALL BE REMOVED UNDER ITEM 678.45. ALL EXISTING POLES, SIGNAL HEADS, PULL BOXES, AND CONTROLLER SHALL BE RETURNED TO THE CITY OF BURLINGTON DEPARTMENT OF PUBLIC WORKS.

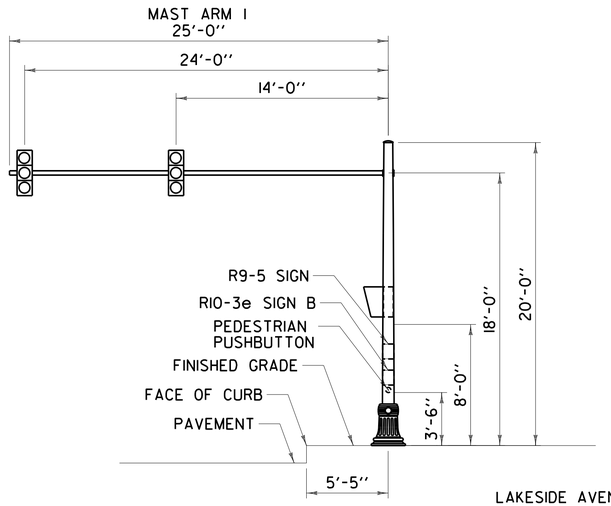
0 20 40
SCALE IN FEET

CHA

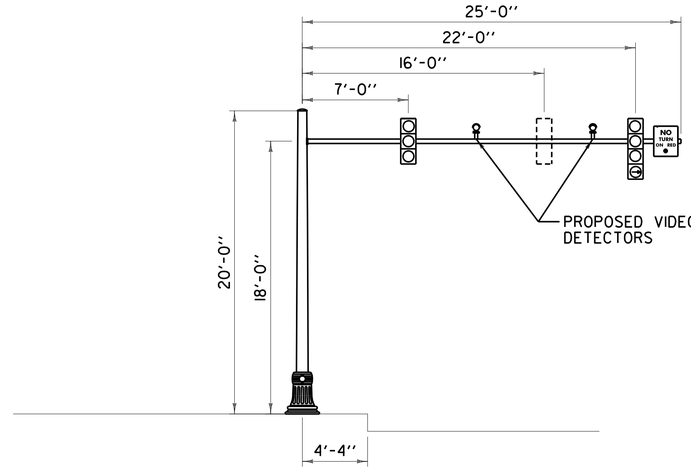
PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrtsp_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGNAL PLAN SHEET 5 (TSP-5)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 204 OF 339

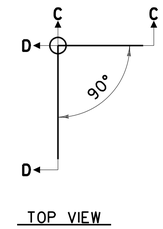
FILE NAME =U:\86591\870878\Consultants\z87d078bdrtsp_c6.dgn
DATE/TIME =2/17/2016
USER =4916

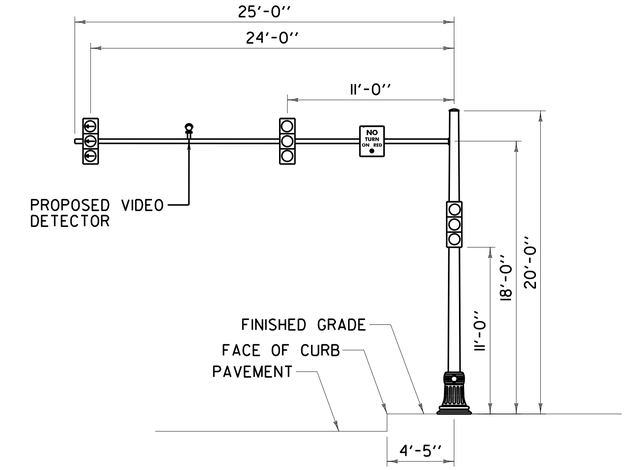


SECTION A–A (LOOKING EAST)

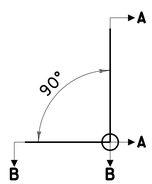


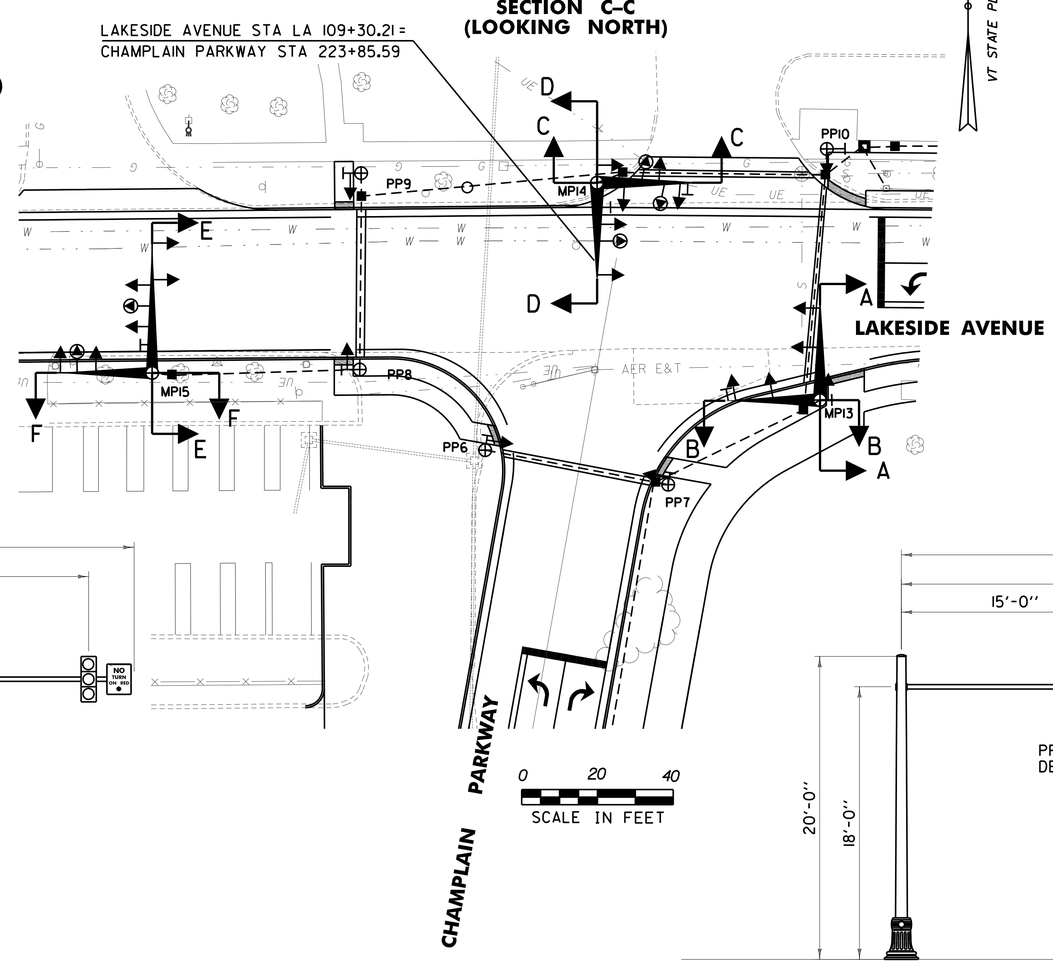
SECTION C–C (LOOKING NORTH)

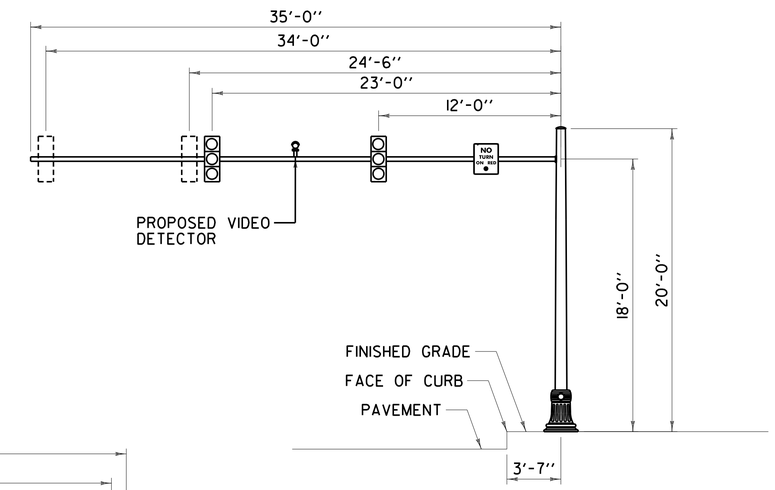




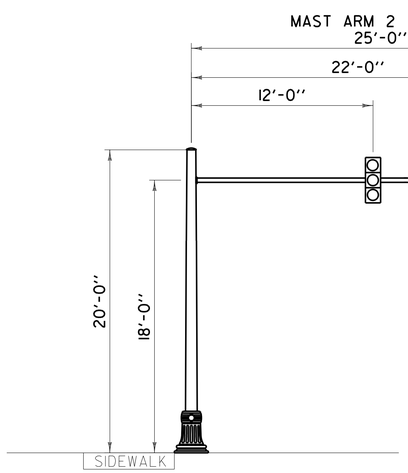
SECTION D–D (LOOKING WEST)



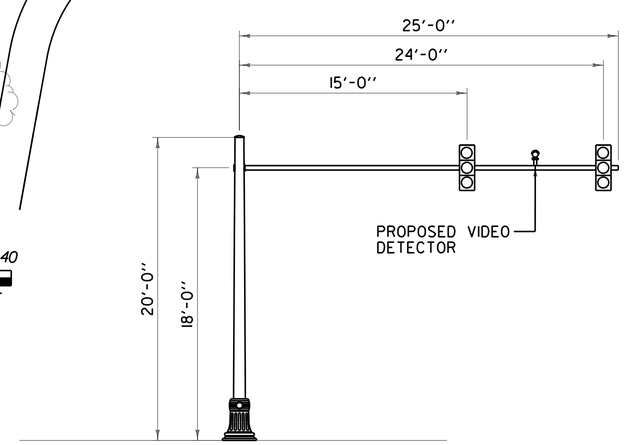




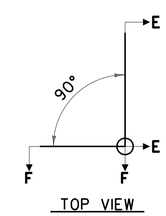
SECTION E–E (LOOKING EAST)



SECTION B–B (LOOKING SOUTH)



SECTION F–F (LOOKING SOUTH)



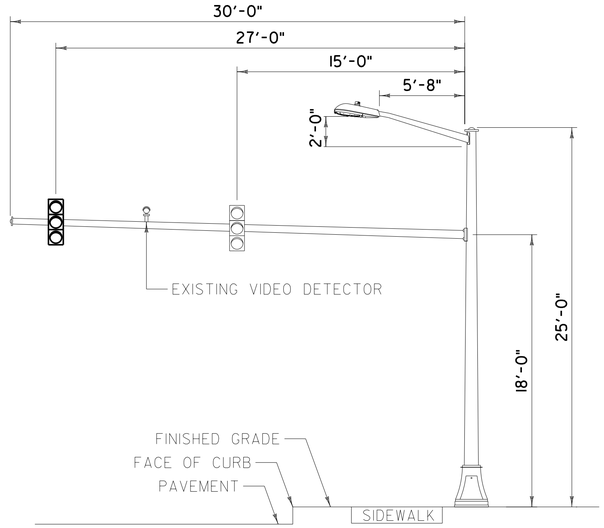
NOTE:

1. ALL MAST ARMS SHALL HAVE A 3% CAMBER.

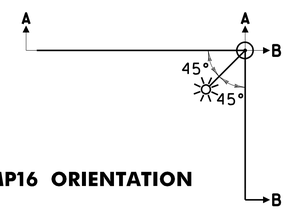
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrmxs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MAST ARM CROSS SECTIONS SHEET 1 (MXS-1)	SHEET 205 OF 339

CHA

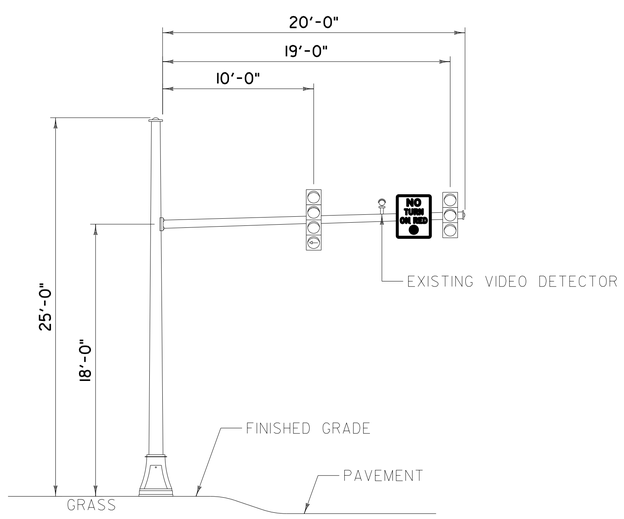
FILE NAME =U:\8659\870878\Consultants\z87d078bdrmxs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



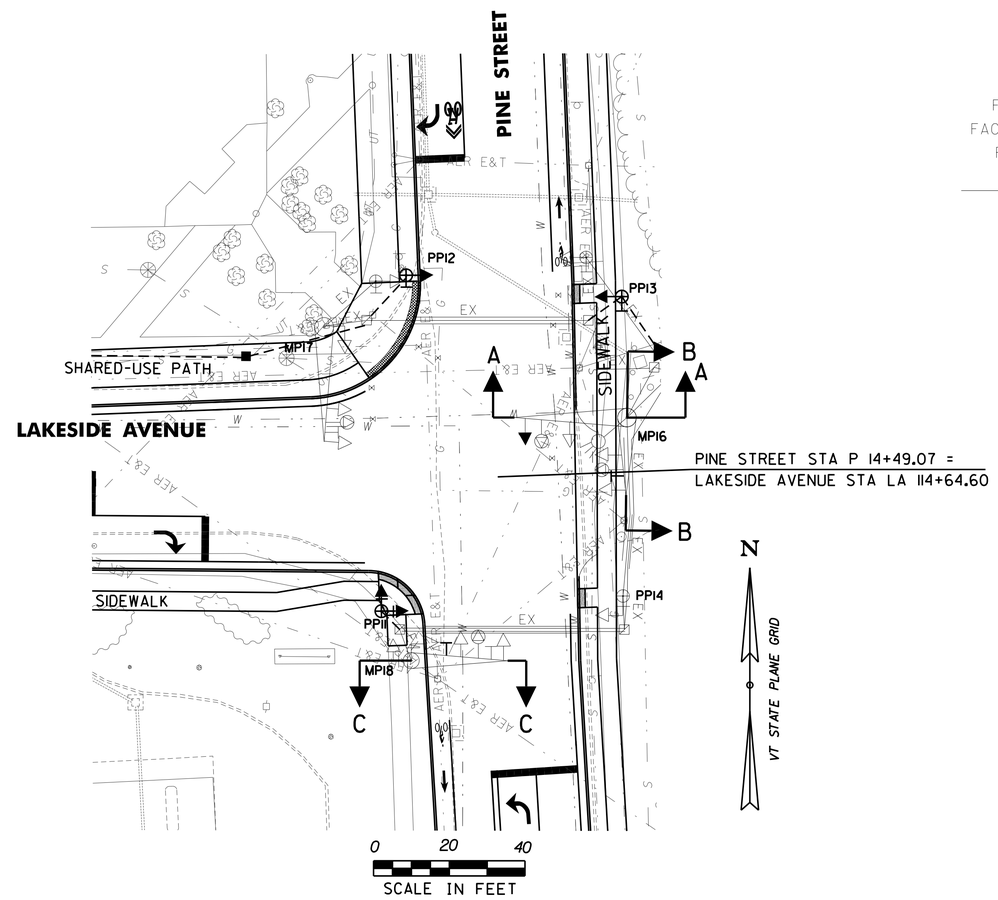
SECTION A–A
MP16 (LOOKING NORTH)

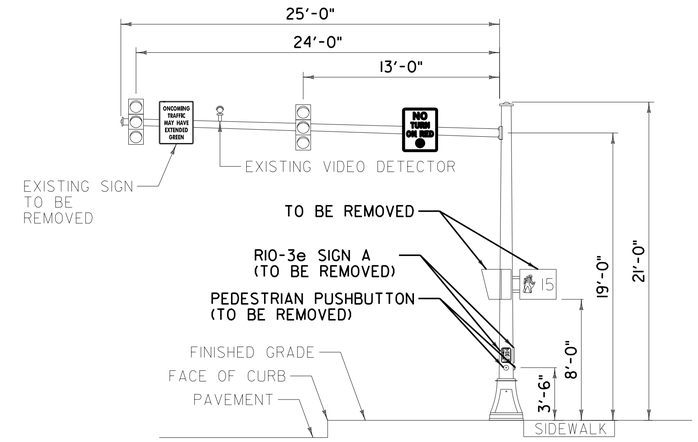


MP16 ORIENTATION



SECTION B–B
MP16 (LOOKING EAST)





SECTION C–C
MP18 (LOOKING SOUTH)

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrmxs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MAST ARM CROSS SECTIONS SHEET 2 (MXS-2)	SHEET 206 OF 339

CHA

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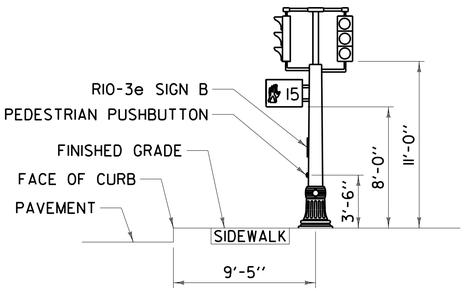
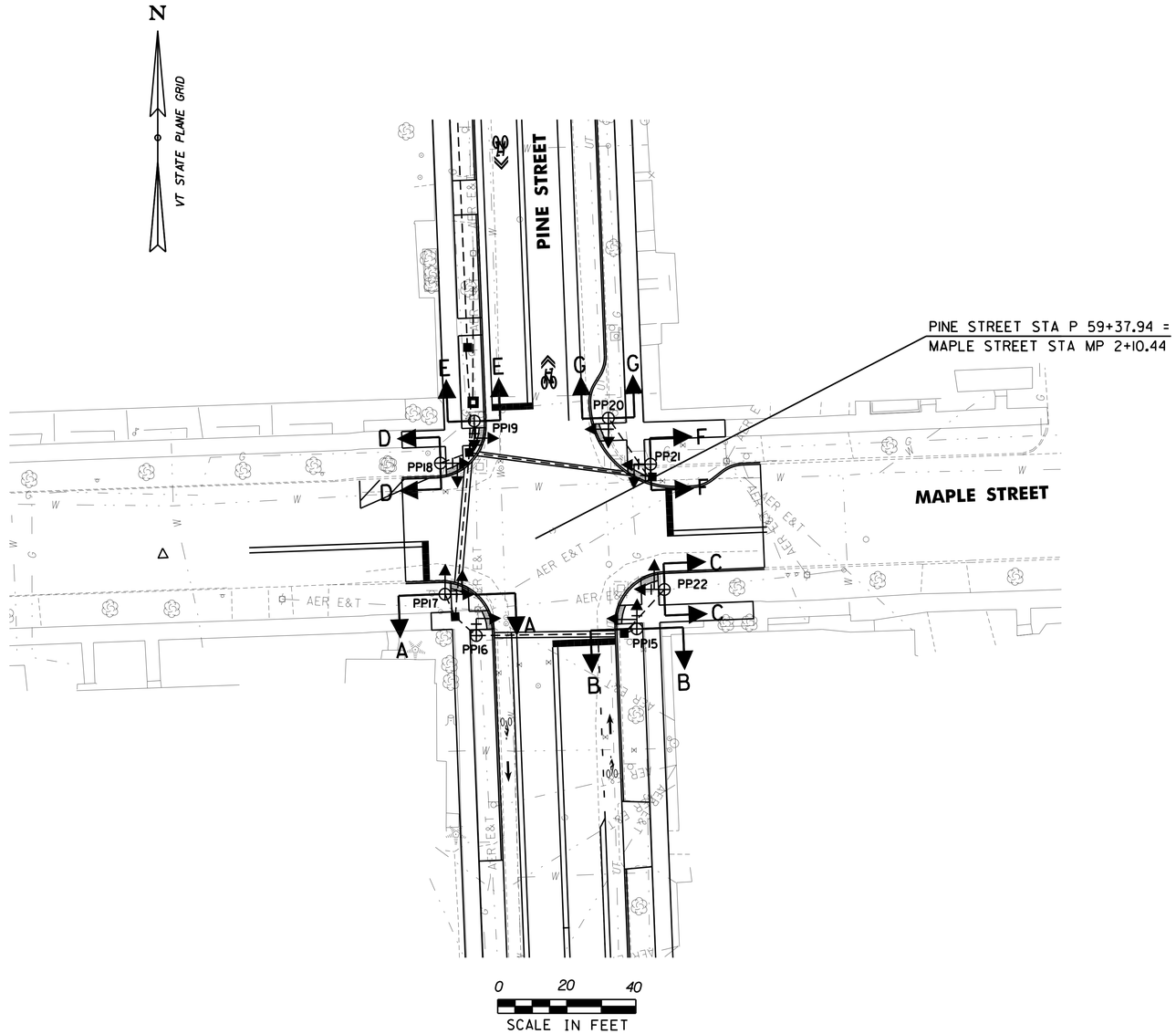
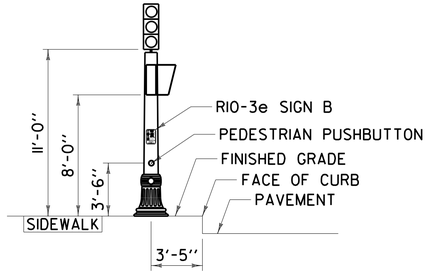
DATE/TIME =2/17/2016
USER =4916

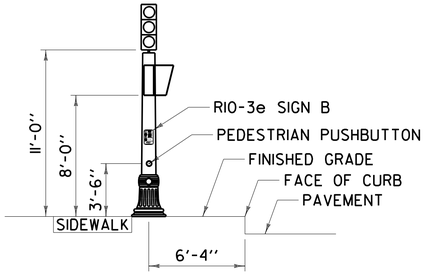


SECTION A–A
PP17
(LOOKING SOUTH)

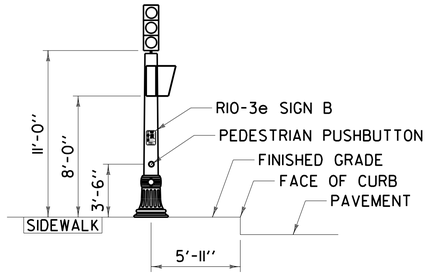




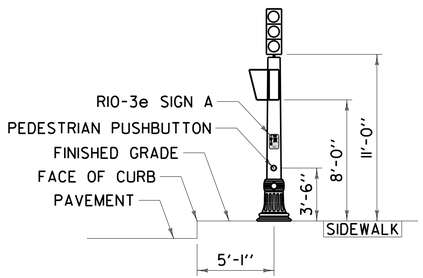
SECTION E–E
PP19
(LOOKING NORTH)



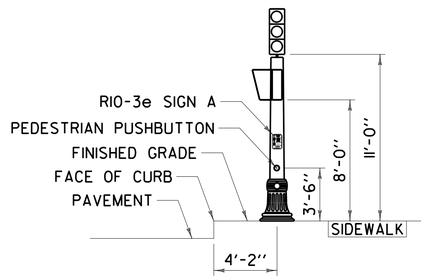
SECTION B–B
PP15
(LOOKING SOUTH)



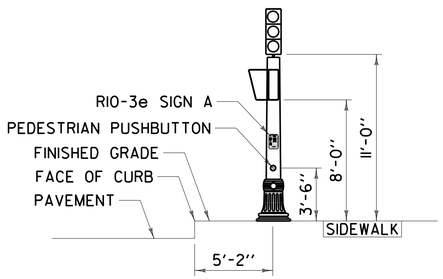
SECTION F–F
PP21
(LOOKING EAST)



SECTION C–C
PP22
(LOOKING EAST)



SECTION D–D
PP18
(LOOKING WEST)

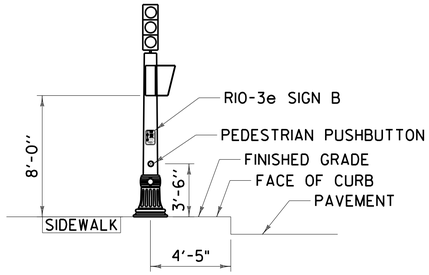


SECTION G–G
PP20
(LOOKING NORTH)

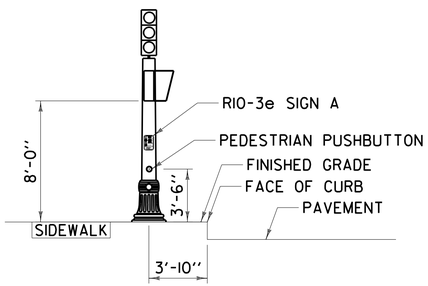
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078bdrmxs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MAST ARM CROSS SECTIONS SHEET 3 (MXS-3)	SHEET 207 OF 339

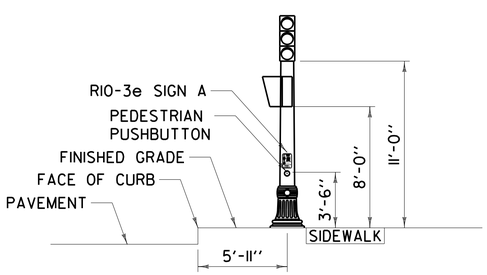
FILE NAME =\\365R\870078\Consultants\z87d078bdrmxs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



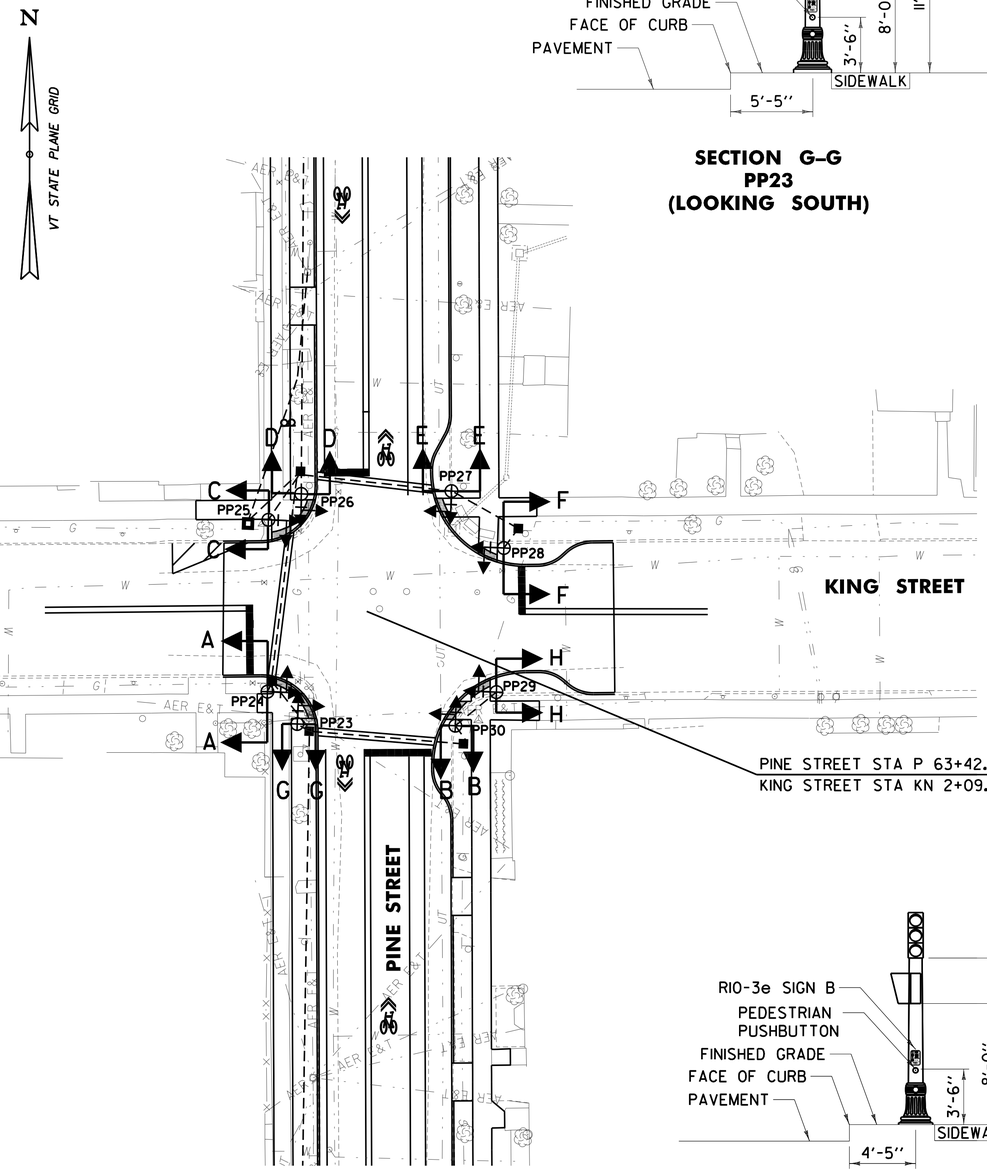
SECTION A–A
PP24
(LOOKING WEST)

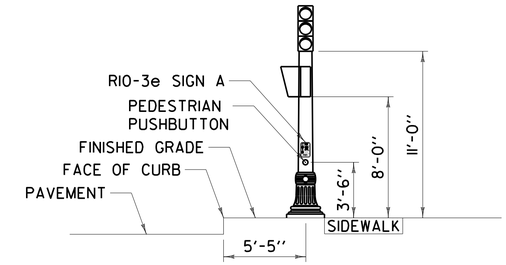


SECTION B–B
PP31
(LOOKING SOUTH)

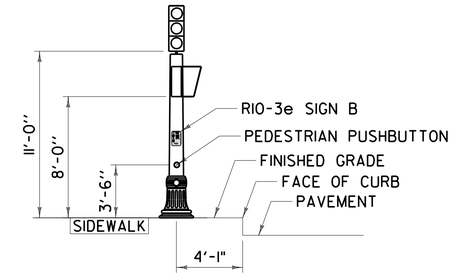


SECTION C–C
PP25
(LOOKING WEST)

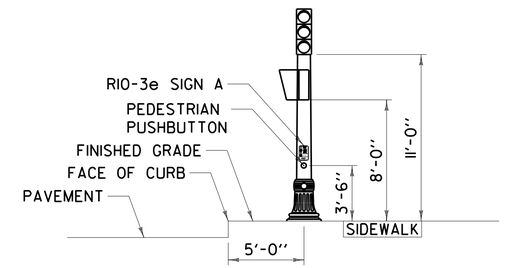




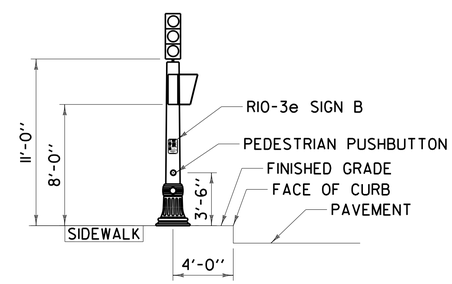
SECTION G–G
PP23
(LOOKING SOUTH)



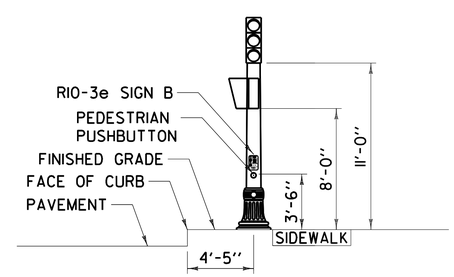
SECTION F–F
PP28
(LOOKING EAST)



SECTION E–E
PP27
(LOOKING NORTH)



SECTION D–D
PP26
(LOOKING NORTH)

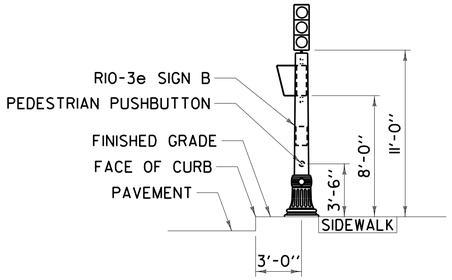


SECTION H–H
PP29
(LOOKING EAST)

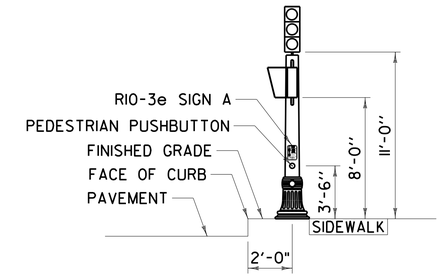
PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M50001(1) C/6	
FILE NAME: z87d078bdrmxs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MAST ARM CROSS SECTIONS SHEET 4 (MXS-4)	SHEET 208 OF 339

CHA

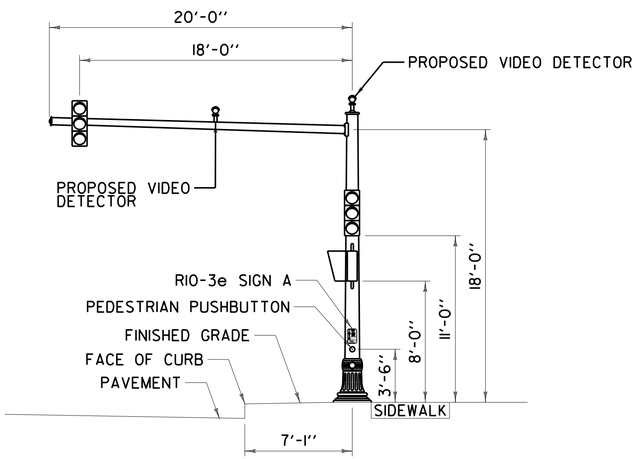
FILE NAME =U:\8659\870078\Consultants\z87d078bdrmxs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



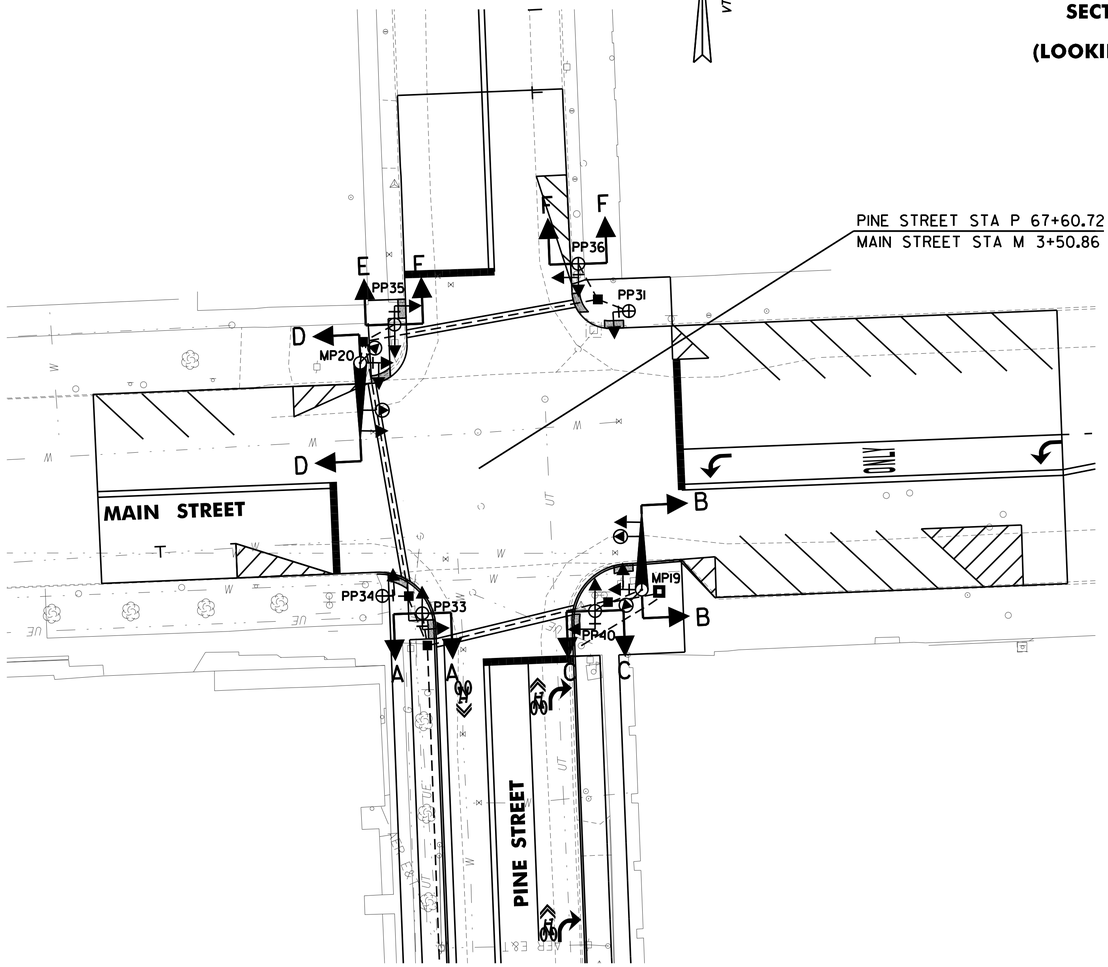
SECTION A–A
PP33
(LOOKING SOUTH)

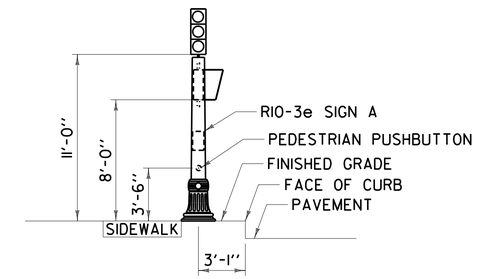


SECTION F–F
PP36
(LOOKING NORTH)

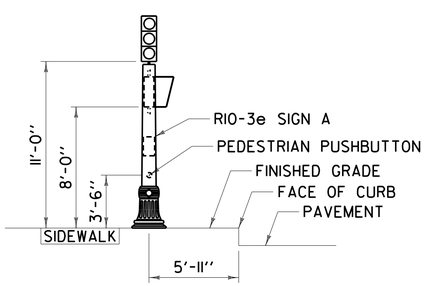


SECTION B–B
MP19
(LOOKING EAST)

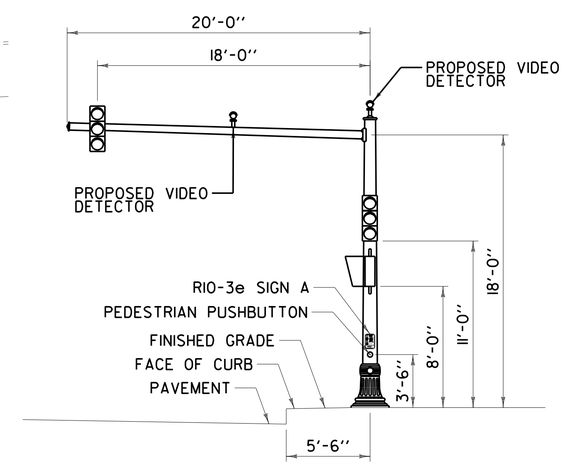




SECTION E–E
PP34
(LOOKING NORTH)



SECTION C–C
PP40
(LOOKING SOUTH)



SECTION D–D
MP20
(LOOKING WEST)

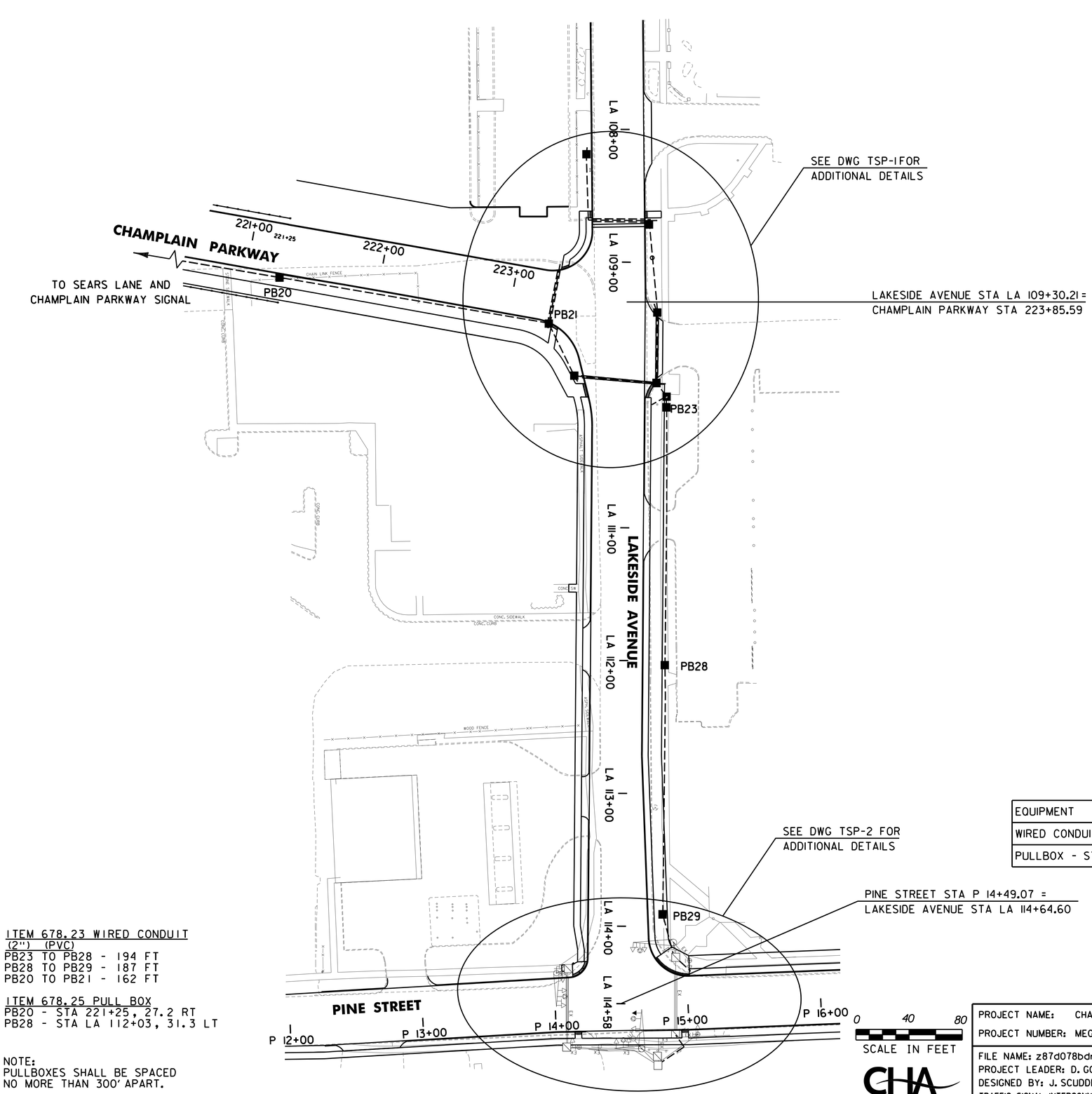
NOTE:

1. ALL MAST ARMS SHALL HAVE A 3% CAMBER.

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M50000(1) C/6	
FILE NAME: z87d078bdrmxs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MAST ARM CROSS SECTIONS SHEET 5 (MXS-5)	SHEET 209 OF 339

FILE NAME =H:\8656\870078\Consultants\z87d078bdrmxs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



EXISTING	NEW	LEGEND
		MAST ARM POLE (MP)
		STRAIN POLE (SP)
		CONTROLLER CABINET
		PULL BOX (PB) / JUNCTION BOX (JB)
		SIGNAL HEAD
EX		CONDUIT
		CONDUIT SLEEVE
		VEHICLE LOOPS
		PEDESTAL POST (PP)
		MAST ARM MOUNTED SIGN
		STANCHION
		ANTENNA & PREEMPTION TELL-TALE LIGHT
		LUMINAIRE

ITEM 678.23 WIRED CONDUIT
(2") (PVC)
PB23 TO PB28 - 194 FT
PB28 TO PB29 - 187 FT
PB20 TO PB21 - 162 FT

ITEM 678.25 PULL BOX
PB20 - STA 221+25, 27.2 RT
PB28 - STA LA 112+03, 31.3 LT

NOTE:
PULLBOXES SHALL BE SPACED
NO MORE THAN 300' APART.

EQUIPMENT	QTY.	ITEM
WIRED CONDUIT (2") (PVC)	543'	678.23
PULLBOX - STANDARD	2	678.25

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrtsi_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGNAL INTERCONNECT PLAN SHEET 1 (TSI-1)
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 210 OF 339

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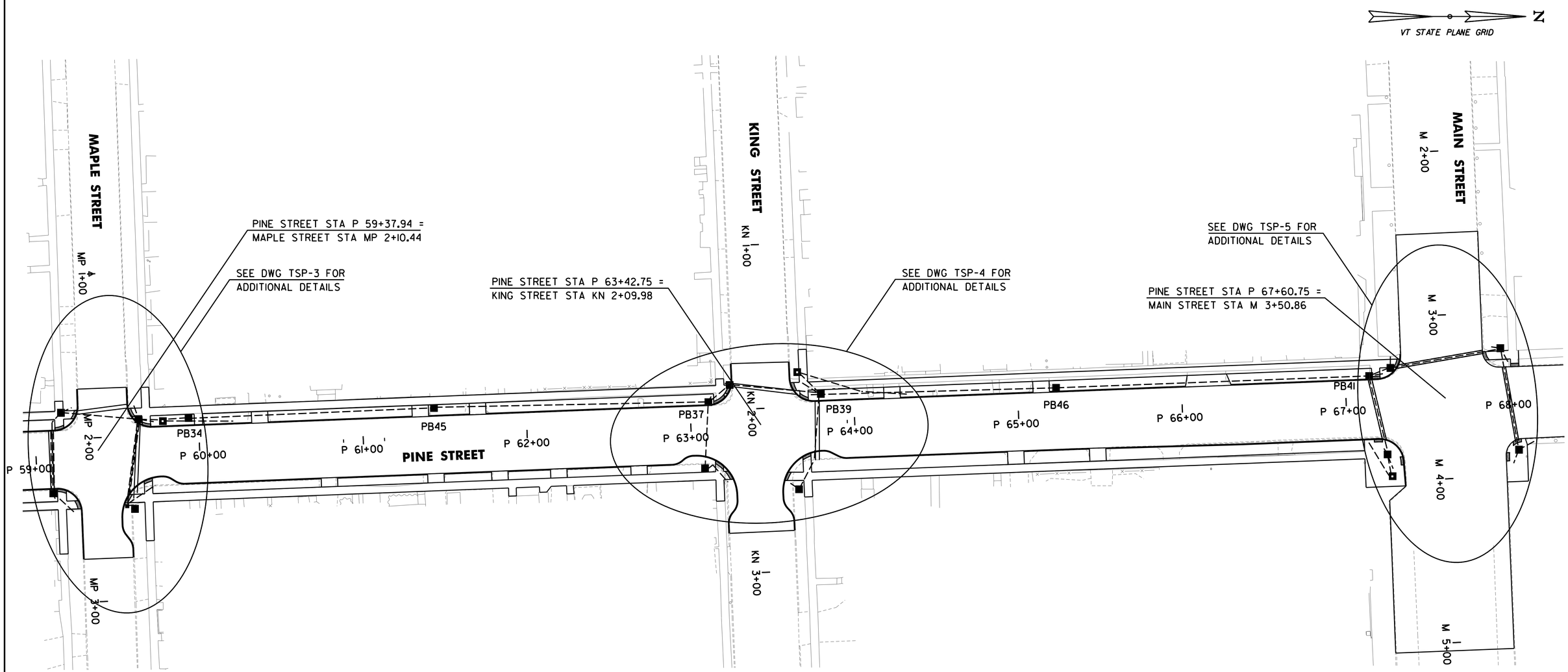
FILE NAME =U:\8659\870078\Consultants\z87d078bdrtsi_c6.dgn
DATE/TIME =2/17/2016
USER =4916



EXISTING	NEW	LEGEND
		MAST ARM POLE (MP)
		STRAIN POLE (SP)
		CONTROLLER CABINET
		PULL BOX (PB) / JUNCTION BOX (JB)
		SIGNAL HEAD
EX		CONDUIT
		CONDUIT SLEEVE
		VEHICLE LOOPS
		PEDESTAL POST (PP)
		MAST ARM MOUNTED SIGN
		STANCHION
		ANTENNA & PREEMPTION TELL-TALE LIGHT
		LUMINAIRE

ITEM 678.23 WIRED CONDUIT
(2") (PVC)
PB34 TO PB45 - 150 FT
PB45 TO PB37 - 168 FT
PB39 TO PB46 - 144 FT
PB46 TO PB41 - 191 FT

ITEM 678.25 - PULL BOX
PB45 - STA P 61+43, 18.4' LT
PB46 - STA P 65+23, 15.6' LT

NOTE:
PULLBOXES SHALL BE SPACED
NO MORE THAN 300' APART.

EQUIPMENT	QTY	ITEM
WIRED CONDUIT (2") (PVC)	653'	678.23
PULLBOX - STANDARD	2	678.25

0 30 60
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY
PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078bdrtsi_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
TRAFFIC SIGNAL INTERCONNECT PLAN SHEET 2 (TSI-2)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 211 OF 339

FILE NAME =U:\8659\87D078\Consultants\z87d078bdrtsi_c6.dgn
DATE/TIME =2/17/2016
USER =4916

TRAFFIC SIGNAL NOTES

A. NEW EQUIPMENT

1. ALL SIGNAL HEADS SHALL HAVE POLYCARBONATE VISORS AND BODIES. SIGNAL BODIES, FACES, AND VISORS SHALL BE BLACK. THE INSIDE OF VISORS SHALL BE FLAT BLACK. ALL LENSES SHALL BE LED UNLESS SPECIFIED OTHERWISE IN THE PLANS.

2. TRAFFIC SIGNAL CONTROLLER & CABINET.
THE CONTROLLER SHALL MEET TYPE 170 SPECIFICATIONS AS STATED IN THE CITY OF BURLINGTON TRAFFIC SIGNAL SPECIFICATIONS. W41KS AS PROVIDED BY WAPITI MICRO SYSTEMS CORPORATION SHALL BE USED AS THE TRAFFIC SOFTWARE IN THE 170 CONTROLLER. THE CONTROLLER SHALL BE THE STANDARD TYPE 170E WITH AT LEAST 2K OF ON BOARD RAM AND FOUR SERIAL PORTS. EACH 170E CONTROLLER SHALL BE SUPPLIED WITH A 412C PROM MODULE OR AN INTERNAL M170E MODULE WITH EQUIVALENT FUNCTIONALITY CONFIGURED TO RUN W41KS. THE CABINET SHALL MEET THE TYPE 170 SPECIFICATIONS AND BE A DOUBLE -DOOR 336 TYPE, MOUNTED ON A 24"X24"X12" ALUMINUM RISER. CABINETS SHALL BE UNPAINTED BARE ALUMINUM, FURNISHED WITH STANDARD #2 CORBIN LOCKS. CABINETS SHALL HAVE A MINIMUM OF TWO SPARE LOAD SWITCH POSITIONS. CONFLICT MONITORS SUPPLIED WITH EACH CABINET SHALL BE THE PLUS TYPE, WITH THE CABINET AND MONITOR BEING CONFIGURED FOR RED OUTPUT MONITORING. REFER TO THE CITY OF BURLINGTON TRAFFIC SIGNAL SPECIFICATIONS FOR APPROVED VENDORS.

3. ALL NEW EQUIPMENT SHALL MEET OR EXCEED NEMA TS-2 STANDARDS AND IMSA OR ITE SPECIFICATIONS, WHERE APPLICABLE.

4. THE METER AND DISCONNECT ARE TO BE MOUNTED ON THE SIDE OF THE CABINET.

5. THE PEDESTRIAN PUSH BUTTONS SHALL BE AN APS ADVISOR ACCESSIBLE PEDESTRIAN SIGNAL OR APPROVED EQUAL.

6. PEDESTRIAN PUSHBUTTONS SHALL BE LOCATED NEAR CURB RAMPS AND POSITIONED SUCH THAT A PERSON IN A WHEEL CHAIR CAN ACTIVATE THE SIGNAL WITHOUT HAVING TO STOP ON THE CURB RAMP. THE LOCATION OF THE PEDESTRIAN PUSHBUTTONS IS DEPENDANT ON THE CONFIGURATION OF THE CURB RAMP. THE CURB RAMP SHOULD BE LAID OUT PRIOR TO THE INSTALLATION OF THE PEDESTRIAN PUSHBUTTON POLE.

B. SIGNAL OPERATION

1. SIGNAL TIMING SHOWN ON THE PLANS MAY REQUIRE FINE-TUNING IN THE FIELD BASED ON TRAFFIC OBSERVATION AND/OR ADDITIONAL FIELD STUDIES.

2. FULL OPERATION SHALL NOT BE INITIATED EXCEPT IN THE PRESENCE OF THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE.

3. ALL SIGNALS SHALL DWELL ON THE MAIN STREET THROUGH MOVEMENT UNLESS OTHERWISE NOTED.

C. PULLBOXES AND JUNCTION BOXES

1. PULLBOXES AND JUNCTION BOXES ARE DETAILED ON VTRANS' STANDARD E - 173. MINIMUM JUNCTION BOX SIZE SHALL BE 18" X 12" X 12" (A X B X C), OR LARGER AS REQUIRED BY THE ELECTRICAL CODE.

D. TRAFFIC SIGNAL CONDUIT

1. ALL TRAFFIC SIGNAL CONDUIT SHALL BE PVC, WITH SCHEDULE 40 MINIMUM USED UNDERGROUND AND SCHEDULE 80 USED ABOVE GROUND.

2. MINIMUM CONDUIT SIZES SHALL BE:
   A) 1-1/2" FOR LOOP LEAD-INS
   B) 2" FOR ALL OTHERS
   SEE CHART ON VTRANS' STANDARD E-172 FOR DESIGN VALUES

3. WHEN CONDUIT IS PLACED BELOW THE ROADWAY OR ACROSS SIDE ROADS, IT SHALL BE PLACED IN A PVC ELECTRICAL CONDUIT SLEEVE, SIZE AS SHOWN ON THE PLANS (6 INCH MINIMUM)

4. THE MINIMUM DEPTH BELOW THE ROADWAY SURFACE FOR THE PLACEMENT OF SLEEVES & CONDUIT SHALL BE 3 FEET. THE MINIMUM DEPTH BELOW SIDEWALK/SHARED-USE PATH OR GROUND FOR THE PLACEMENT OF SLEEVES AND CONDUIT SHALL BE 2 FEET.

5. SIX INCH WIDE RED PLASTIC MARKING TAPE SHALL BE PLACED IN THE EXCAVATED TRENCH 6 TO 12 INCHES BELOW THE FINISHED GRADE FOR ALL CONDUIT AND SLEEVE RUNS EXCEPT THOSE JACKED UNDER THE ROADWAY.

6. OPEN CUTS IN EXISTING BITUMINOUS CONCRETE PAVEMENT REQUIRED TO PLACE THE 6" PVC ELECTRICAL CONDUIT SLEEVE SHALL BE PERFORMED IN ACCORDANCE WITH VTRANS' STANDARD D-20. A SAWCUT SHALL BE PERFORMED IN THE EXISTING PAVEMENT SURFACE PRIOR TO EXCAVATION. MATERIAL BELOW SUBGRADE TO BE REPLACED WITH EXCAVATED MATERIAL, OR AS DIRECTED B THE ENGINEER. ALL BACKFILL MATERIAL SHALL BE MADE IN SIX (6) INCH MAXIMUM LIFTS AND COMPACTED TO NOT LESS THAN 95% MAXIMUM DRY DENSITY. PAYMENT WILL BE CONSIDERED SUBSIDIARY TO ITEM 678.15. THE BITUMINOUS CONCRETE PAVEMENT PLACED SUBSEQUENT TO THE INSTALLATION OF THE 6" PVC ELECTRICAL SLEEVE AND BACKFILL MATERIAL WILL BE PAID UNDER ITEM 678.15 AND WILL CONSIST OF THE FOLLOWING:

   2" SURFACE COURSE, TYPE III
   (AS DIRECTED BY THE CITY ENGINEER)
   3" BINDER COURSE, TYPE II
   (AS DIRECTED BY CITY ENGINEER)
   4" BASE COURSE, TYPE I

E. GENERAL

1. ALL ELECTRICAL WORK AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL OF THE CITY OF BURLINGTON ELECTRICAL INSPECTOR. ALL WORK MUST MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE BURLINGTON ELECTRIC DEPARTMENT SPECIFICATIONS.

2. ALL WIRES IN SIGNAL BASES SHALL BE JOINED BY USING A CORRECTLY SIZED WIRE NUT.

3. AFTER FINAL PROJECT ACCEPTANCE, THE TRAFFIC SIGNAL INSTALLATION SHALL BECOME THE PROPERTY AND RESPONSIBILITY OF THE CITY OF BURLINGTON.

4. THE CONTRACTOR SHALL ACQUIRE ALL NECESSARY PERMITS AND MAKE ALL NECESSARY ARRANGEMENTS WITH THE UTILITY COMPANY TO PROVIDE A PERMANENT POWER SUPPLY TO THE SIGNAL AND STREET LIGHTING EQUIPMENT IF APPLICABLE. THE METER SOCKET SHALL BE INSTALLED ON THE CABINET. THE ROUTING OF POWER TO THE INTERSECTION SHALL BE SUCH THAT THE CITY OF BURLINGTON HAS FULL RESPONSIBILITY FROM THE TRANSFORMER THROUGH THE SIGNAL. NO INTERVENING CONTROLLER IDENTIFICATION OWNERSHIP/RESPONSIBILITY SHALL BE ALLOWED.

5. THE CONTRACTOR SHALL ESTABLISH THE LOCATIONS OF THE UNDERGROUND UTILITIES AND SUPPORT AND PROTECT ALL LINES ENCOUNTERED IN THE TRENCHING AND EXCAVATION OPERATION.

6. THE CONTRACTOR SHALL COMPLY WITH THE CITY OF BURLINGTON TRAFFIC SIGNAL SPECIFICATIONS.

F. TRAFFIC CONTROL

1. DURING CONSTRUCTION A MINIMUM OF ONE-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT NIGHT, ON WEEKENDS AND HOLIDAYS, DURING PEAK TRAFFIC AND WHENEVER POSSIBLE DURING CONSTRUCTION. AT THE DISCRETION OF THE CITY OF BURLINGTON DPW (OR OTHER DESIGNATED CITY REPRESENTATIVE), UNIFORMED TRAFFIC CONTROL OFFICERS OR TRAINED FLAGPERSONS SHALL DIRECT TRAFFIC, WHENEVER REQUIRED.

2. TRAFFIC CONTROL SIGNING AND CHANNELIZING DEVICES SHALL BE IN ACCORDANCE WITH THE APPROPRIATE VTRANS' STANDARD DRAWINGS AND THE MUTCD.

3. AFTER SIGNAL INSTALLATION, ALL HEADS MUST BE COVERED (TURNING SHALL NOT BE ALLOWED) UNTIL TURN ON. THE METHOD OF COVERING SHALL BE AS FOLLOWS:

   ALL NEW TRAFFIC AND PEDESTRIAN SIGNAL HEADS WHICH HAVE BEEN INSTALLED BUT NOT PLACED IN EITHER FLASHING OR FULL OPERATION SHALL BE COVERED. EXISTING SIGNAL HEADS WHICH ARE PLACED OUT OF SERVICE IN ORDER TO PERFORM WORK ON THE SIGNAL SYSTEM SHALL ALSO BE COVERED, EXCEPT WHEN SUCH WORK CAN BE COMPLETED IN A RELATIVELY SHORT PERIOD OF TIME (SEVERAL HOURS) AND TRAFFIC CONTROL HAS BEEN PROVIDED FOR.

   THE SIGNAL COVERS SHALL CONSIST OF A ONE PIECE PLASTIC BAG HAVING A MINIMUM THICKNESS OF 4 MIL. THE BAG SHALL BE OPAQUE. THE COVER SHALL SLIP OVER THE ENTIRE SIGNAL HEAD AND SHALL BE SECURELY TIED AT THE OPENING WITH A ROPE OF SUFFICIENT SIZE AND STRENGTH TO SECURE THE COVER. AN INTERMEDIATE ROPE OF THE SAME MATERIAL SHALL BE DRAWN AROUND THE CENTER OF THE COVER TO PREVENT EXCESS FLAPPING IN THE WIND.

   A DRAIN HOLE SHALL BE MADE AT THE BOTTOM OF THE BAG TO ALLOW THE ESCAPE OF MOISTURE. NO TAPE OR ADHESIVE WILL BE ALLOWED TO BE ATTACHED TO ANY SURFACE OF THE SIGNAL HOUSING OR LENSES. ALL COVERS SHALL BE PLACED IN A NEAT WORKMANLIKE MANNER. ANY COVER WHICH IS TORN OR MISSING SHALL BE IMMEDIATELY REPLACED. PAYMENT FOR THE COVERS, THEIR PLACEMENT, AND REMOVAL AND ALL INCIDENTALS FOR COMPLETION OF THE WORK SHALL BE CONSIDERED SUBSIDIARY TO THE INSTALLATION OF THE TRAFFIC SIGNAL.

4. THE CONTRACTOR SHALL NOT WORK WITHIN THE HIGHWAY ROW WITHOUT THE APPROPRIATE CONSTRUCTION SIGNING IN PLACE, AS SHOWN ON VTRANS STANDARD SHEETS AND THE MUTCD.

5. THE CONTRACTOR SHALL ONLY RESTRICT PINE STREET TRAFFIC TO ONE LANE BETWEEN 6 PM AND 9 PM MONDAY THROUGH FRIDAY OR BETWEEN 7 AM AND 9 PM ON SATURDAY.

G. EXISTING SIGNAL REMOVAL

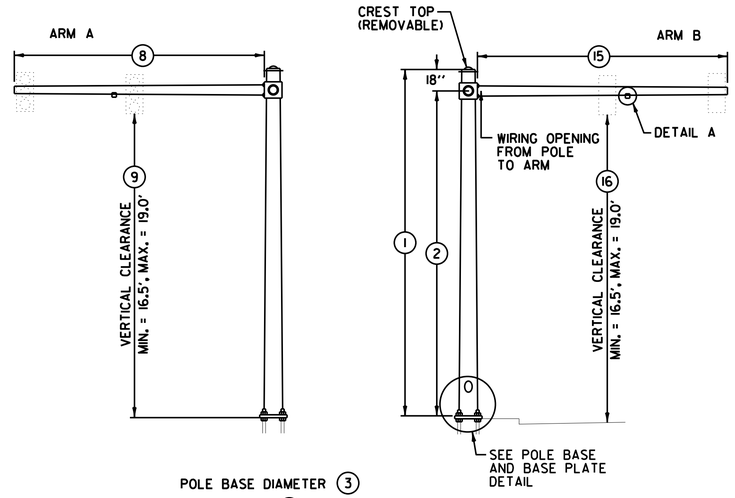
1. EXISTING SIGNAL POLE BASES SHALL BE REMOVED TO THE GROUND SURFACE. THE DISTURBED GROUND SHALL BE RESTORED TO MATCH THE SURROUNDING GROUND SURFACE FINISH.

2. ALL SALVAGED TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO THE CITY OF BURLINGTON.

H. VEHICLE LOOP DETECTORS

1. SEE STD E-172.

2. ALL LOOP AND LEAD-IN WIRE SHALL BE #12 AWG.



POLE BASE DIAMETER (3)

POLE GAUGE (4)

POLE TAPER RATE (5)

ARM A DIAMETER (10)

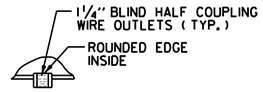
ARM A GAUGE (11)

ARM A TAPER RATE (12)

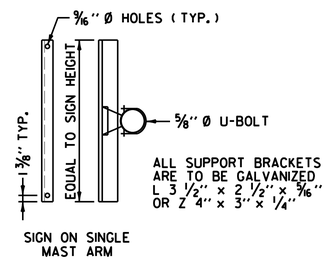
ARM B DIAMETER (17)

ARM B GAUGE (18)

ARM B TAPER RATE (19)

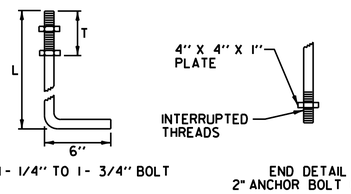


DETAIL A

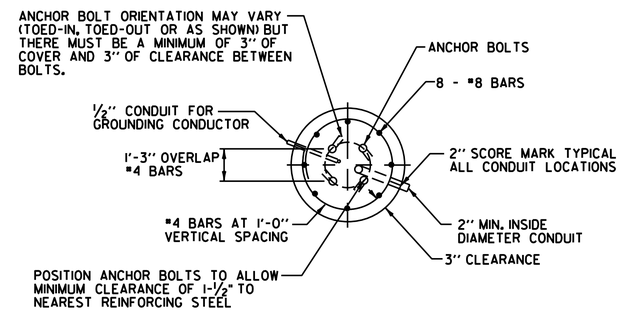


SIGN BRACKET DETAILS

ANCHOR BOLT DETAIL		
SIZE	L(IN)	T(IN)
1- 1/4" X 48"	42	8
1- 1/2" X 60"	54	9
1- 3/4" X 90"	84	9
2" X 96"	96	9

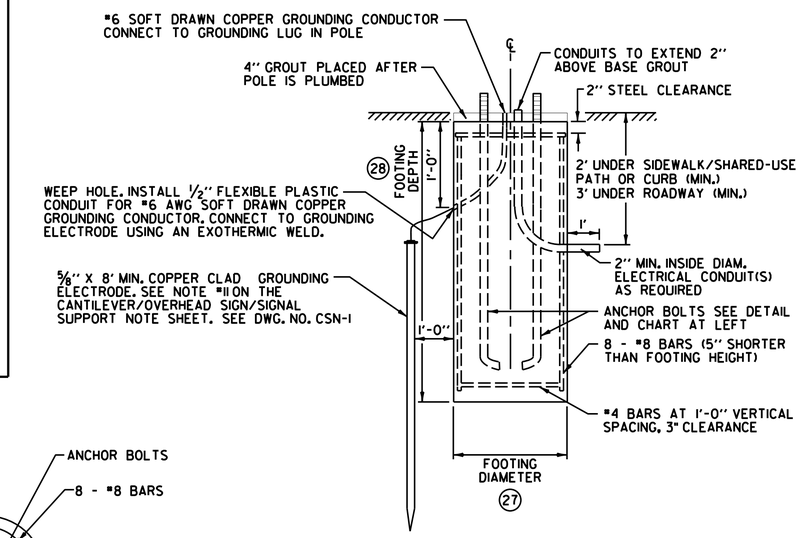


ANCHOR BOLT DETAIL

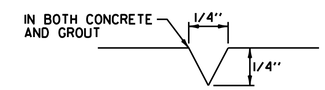


SECTION

CANTILEVER FOOTING DETAIL

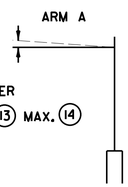


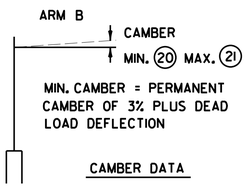
ELEVATION



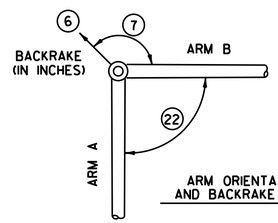
USED FOR CONDUIT LOCATION,
SEE SECTION DETAIL AT LEFT

2" SCORE MARK DETAIL





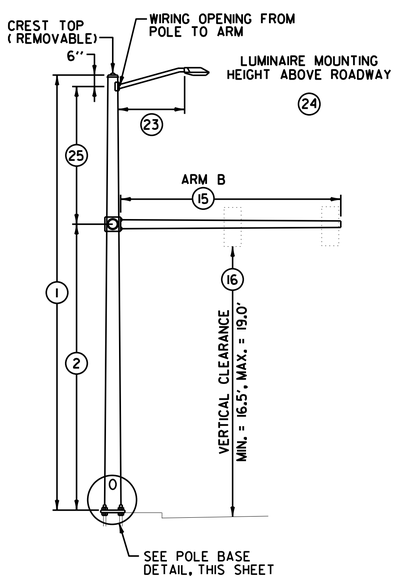
CAMBER DATA

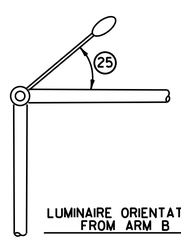


ARM ORIENTATION
AND BACKRAKE DATA

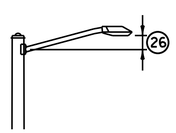
SEE CANTILEVER / OVERHEAD SIGN / SIGNAL SUPPORTS
NOTE SHEET FOR ADDITIONAL INFORMATION

SEE DRAWINGS MXS-1 TO MXS-5 FOR CROSS SECTIONS

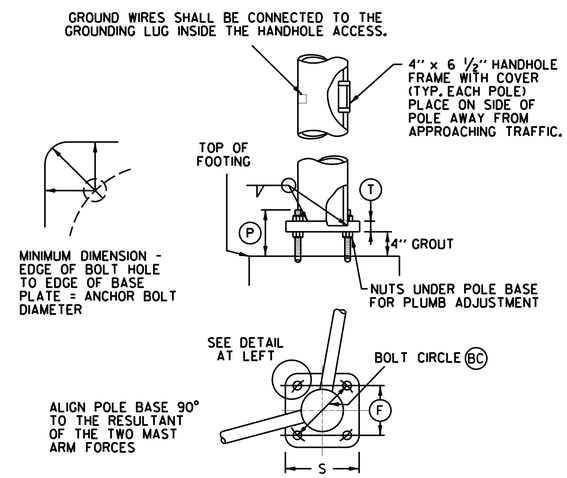




LUMINAIRE ORIENTATION
FROM ARM B



LUMINAIRE ARM RISE



POLE BASE AND BASE PLATE DETAIL

PROJECT NAME: CHAMPLAIN PARKWAY

PROJECT NUMBER: MEGC - M5000(1) C/6

FILE NAME: z87d078mad_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
MAST ARM CANTILEVER/FOOTING DETAIL SHEET 1 (MAD-1)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 213 OF 339

FILE NAME =U:\8658\870078\Consultants\z87d078mad_c6.dgn
DATE/TIME =2/17/2016
USER =4916

SEE DRAWINGS MXS-1 TO MXS-5 FOR CROSS SECTIONS

	STRUCTURE DIMENSIONS																																
	POLE DATA							ARM DATA														LIGHTING DATA				FOOTING DATA		BASE PLATE / BOLT DATA					
POLE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	BC	F	S	T	P	ANCHOR BOLT SIZE
MP13																																		
MP14																																		
MP15																																		
MP16																																		
MP17																																		
MP18																																		
MP19																																		
MP20																																		

PROJECT NAME: CHAMPLAIN PARKWAY

PROJECT NUMBER: MEGC - M50001(1) C/6

FILE NAME: z87d078mad_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
MAST ARM CANTILEVER/FOOTING DETAIL SHEET 2 (MAD-2)

PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 214 OF 339

FILE NAME =U:\8655\870078\Consultants\z87d078mad_c6.dgn
DATE/TIME =2/17/2016
USER =4916

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR CONSTRUCTION", DATED 2011, WITH CURRENT MODIFICATIONS AND AS MODIFIED IN THE SPECIAL PROVISIONS.

2. OVERHEAD SIGN/SIGNAL SUPPORTS SHALL CONFORM TO AASHTO'S PUBLICATION ENTITLED "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS", DATED 2009 OR ITS LATEST REVISION.

3. ADDITIONAL DESIGN CRITERIA ARE AS FOLLOWS:

   CONCRETE f_c = 1400 PSI f'_c = 3500 PSI
   REINFORCING f_s = 24000 PSI (GRADE 60)
   FOOTING SOIL PRESSURE : 3000 PSF (MAXIMUM)

   WIND LOAD AND ICE LOAD PER AASHTO "STANDARD SPECIFICATIONS"

4. ANCHOR BOLTS

   FOUR STAINLESS STEEL ANCHOR BOLTS WITH TWO HEXAGON NUTS, ONE WASHER AND ONE LOCK WASHER PER BOLT SHALL BE FURNISHED WITH EACH POLE. ANCHOR BOLT PLATES, WHEN USED, SHALL ALSO BE STAINLESS STEEL. SEE SUB-SECTION 714.09.

5. FLANGE BOLTS

   ALL FLANGE BOLTS AND HEX NUTS SHALL BE HIGH STRENGTH STEEL AND SHALL CONFORM TO ASTM A325. THE FLANGE BOLTS SHALL BE CAPABLE OF RESISTING 133% OF THE FULL DESIGN STRESS OF THE TUBE AT ITS YIELD STRENGTH STRESS.

6. HORIZONTAL AND VERTICAL MEMBERS

   STEEL TUBES SHALL BE FORMED AND WELDED WITH ONE CONTINUOUS LONGITUDINAL WELD ONLY. AFTER FORMING AND WELDING THEY SHALL BE COLD ROLLED TO ENSURE UNIFORMITY OF SIZE AND SMOOTHNESS OF WELD. THEY SHALL HAVE A MINIMUM YIELD STRENGTH OF 48,000 PSI. THERE SHALL BE NO TRANSVERSE WELDING EXCEPT AT THE FLANGE CONNECTIONS AND POLE BASE PLATES, WHERE THE TUBES SHALL TELESCOPE THE FLANGES AND PLATES AND BE CONTINUOUSLY WELDED BOTH SIDES INSIDE AND OUT TO WITHSTAND THE FULL TRANSFER OF THE BENDING STRENGTH TO THE BOLTS. OPTIONALLY, THE MEMBERS MAY BE A SERIES OF TWO OR THREE DIFFERENT DIAMETER PIPES WELDED TOGETHER.

7. GALVANIZING

   ALL STEEL COMPONENTS, EXCEPT CONCRETE REINFORCING AND STAINLESS STEEL HARDWARE, ARE TO BE HOT DIPPED GALVANIZED AFTER FABRICATION. THE ASSEMBLIES SHALL BE DESIGNED AND FABRICATED TO PERMIT GALVANIZING ON ALL INTERIOR AND EXTERIOR SURFACES AND SHALL BE FREE OF POCKETS AND OTHER STRUCTURAL OBSTRUCTIONS THAT WILL NOT PERMIT PROPER DEPOSITION OF ZINC COATING. GALVANIZING SHALL BE IN ACCORDANCE WITH ASTM A123 AND A153.

8. WELDING

   A. ALL DESIGN DETAILS, WORKMANSHIP, PROCEDURES AND INSPECTION SHALL CONFORM WITH SUB-SECTION 506.10.

   B. ALL WELDS SHALL BE AT LEAST AS STRONG AS THE MATERIAL(S) BEING WELDED.

9. FOOTINGS

   A. FOOTINGS SHALL BE DESIGNED TO RESIST LOADS EQUAL TO, OR GREATER THAN, THE MAXIMUM LOADS THAT THE POLE IS DESIGNED FOR.

   B. THREE TYPES OF FOUNDATIONS, AS OUTLINED IN AASHTO STANDARD SPECIFICATIONS (SEE NOTE 2) SECTION 1.8.2 (C) SHALL BE ALLOWED.

      1. DRILLED SHAFTS
      2. SPREAD FOOTINGS
      3. PILES.

   C. DRILLED SHAFT FOOTINGS SHALL BE POURED IN DRILLED SHAFTS AGAINST UNDISTURBED MATERIAL. THE TOP TWO FEET OF SOIL SHALL BE NEGLECTED FOR DESIGN PURPOSES. THE MAXIMUM FOOTING DIAMETER SHALL BE THREE FEET AND THE MAXIMUM DEPTH SHALL BE TWELVE FEET. IF THESE LIMITS ARE EXCEEDED OR IF THE SOIL IS NOT CAPABLE OF A BEARING PRESSURE OF 3000 PSF, A SPREAD FOOTING SHALL BE USED.

   D. AS AN ALTERNATIVE TO THE DRILLED HOLES, FOOTINGS MAY BE POURED IN EXCAVATED HOLES USING THE PROPER FORMS, WHICH MUST BE REMOVED. THE EXCAVATED HOLES SHALL BE AT LEAST TWO FEET CLEAR OF THE FOOTING SIDES AND ONE FOOT DEEPER THAN THE FOOTING. CARE SHALL BE TAKEN TO AVOID EXCAVATING AROUND THE TOP OF THE FOOTING. THE BACKFILL MATERIAL SHALL BE COMPACTED AS DESCRIBED IN SUB-SECTION 204.08. DESIGN LIMITS AS FOR AUGERED FOOTING APPLY.

   E. WHEN THE DESIGN DEPTH OF A FOOTING CANNOT BE OBTAINED DUE TO UNFORSEEN FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OBTAIN A REVISED FOOTING DETAIL FROM THE ENGINEER.

   F. ANY BACKFILL PLACED ADJACENT TO THE FOOTING SHALL BE GRANULAR MATERIAL MEETING THE REQUIREMENTS FOR GRANULAR BACKFILL FOR STRUCTURES, SUB-SECTION 704.08. CONCRETE FOR FOOTING SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE, CLASS B, SECTION 501, STRUCTURAL CONCRETE. GROUT MATERIAL SHALL BE NON-SHRINKING MORTAR CONFORMING TO SUB-SECTION 707.03 (MORTAR TYPE IV).

   G. SIGNALS/SIGNS SHALL BE INSTALLED AND LEVELED AND POLES SHALL BE PLUMB PRIOR TO PLACING GROUT UNDER POLE BASE.

9. SHOP DRAWINGS (6 COPIES OF EACH) SHALL BE SUBMITTED TO THE CITY OF BURLINGTON DEPARTMENT OF PUBLIC WORKS FOR APPROVAL PRIOR TO FABRICATION. THE SHOP DRAWINGS SHALL INCLUDE THE FOLLOWING INFORMATION:

   A. DETAILED DRAWING OF EACH COMPONENT OF THE STRUCTURE.

   B. MATERIAL SPECIFICATION FOR EACH COMPONENT OF THE STRUCTURE, EITHER BY COMPLETE SPECIFICATION OR REFERENCE TO APPLICABLE ASTM STANDARDS.

   C. NOTATION OF PROJECT NAME, PROJECT NUMBER, ROUTE NUMBER, AND STRUCTURE STATIONING (TO BE INCLUDED ON EACH SHEET).

   D. DETAILS FOR LOCATION OF SIGNS/SIGNALS AND ATTACHMENT HARDWARE FOR THE SUPPORT STRUCTURE.

   E. ALL ELEVATIONS AND DIMENSIONS NECESSARY TO PROVIDE A COMPLETE SET OF RECORD PLANS.

   F. DEAD LOAD DEFLECTION AND CAMBER INFORMATION.

   G. WELDING DETAILS AND PROCEDURES ARE REQUIRED FOR ALL WELDS. PROCEDURES SHALL BE SUBMITTED FOR APPROVAL WITH REFERENCE TO EACH WELD IDENTIFIED ON THE SHOP DRAWINGS (SEE SUB-SECTION 506.10).

10. EACH OVERHEAD TRAFFIC SIGNAL/SIGN SUPPORT SHALL BE GROUNDED. THE GROUND SHALL CONSIST OF:

    A. AN INTERNAL GROUND LUG OPPOSITE THE HAND HOLE.

    B. A #6 (MIN.) SOFT DRAWN COPPER GROUNDING ELECTRODE CONDUCTOR.

    C. A 5/8" X 8' (MIN.) COPPER CLAD GROUNDING ELECTRODE. THE RESISTANCE TO GROUND SHALL BE 25 OHMS OR LESS. ADDITIONAL GROUNDING ELECTRODES MAY BE REQUIRED (MINIMUM SPACING SHALL BE 6').

11. WHEN A POWER SERVICE, METER AND DISCONNECT ARE ATTACHED TO A POLE, THERE SHALL BE A CONTINUOUS GROUNDING ELECTRODE CONDUCTOR FROM THE METER AND DISCONNECT WHICH MAY RUN INTERNAL TO THE UPRIGHT, THROUGH THE 1/2" FLEXIBLE TUBING IN THE CONCRETE BASE TO THE REQUIRED GROUNDING ELECTRODE(S). THE GROUNDING ELECTRODE CONDUCTOR FROM THE POLE GROUNDING LUG, CONTROLLER CABINET AND/OR LUMINAIRE MAY ATTACH TO THIS CONTINUOUS GROUNDING ELECTRODE CONDUCTOR FROM THE SERVICE METER AND DISCONNECT. THE CONTRACTOR SHALL PERFORM A RESISTANCE TO GROUND TEST ON THE CONTINUOUS GROUNDING ELECTRODE CONDUCTOR FROM THE SERVICE METER AND DISCONNECT AND PROVIDE A WRITTEN STATEMENT TO THE AREA ELECTRICAL INSPECTOR THAT THE GROUNDING ELECTRODE CONDUCTOR IS CONTINUOUS FROM THE SERVICE METER AND DISCONNECT AND THE RESISTANCE TO GROUND IS 25 OHMS OR LESS.

12. THE COST OF SIGNAL/SIGN SUPPORTS, INCLUDING ALL HARDWARE, SIGN BRACKETS, AND FOOTINGS SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RESPECTIVE ITEM 678.15 CORRESPONDING TO EACH INTERSECTION. THESE COMPONENTS SHALL CONFORM TO ALL APPLICABLE PROVISIONS OF SECTIONS 678, AND 679.

13. HORIZONTAL MEMBERS SHALL BE CAMBERED AND THE VERTICAL POLES BACKRAKED (WHERE APPLICABLE) TO THE ANTICIPATED DEAD LOAD DEFLECTION PLUS THE CAMBER, IF ANY, SPECIFIED ON THE PLANS.

14. AN EQUIVALENT ALTERNATE DESIGN MAY BE SUBSTITUTED FOR THE DETAILS AND MATERIALS SHOWN.

15. THE DETAILS OF DESIGN FOR THE STRUCTURE AND FOOTINGS ARE TO BE SUPPLIED BY THE CONTRACTOR AND/OR BY THE MANUFACTURER. THE STRUCTURE SHALL BE DESIGNED TO RESIST THE MAXIMUM LOADING AS OUTLINED IN THE AASHTO STANDARD SPECIFICATIONS (SEE NOTE 2). ALL DETAILS OF THE STRUCTURE AND THE FOOTING SHALL BE CHECKED AND STAMPED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF VERMONT OR ELIGIBLE TO PRACTICE ENGINEERING IN THE STATE OF VERMONT UNDER THE TRANSIENT PRACTICE PROVISIONS OF TITLE 26 VSA SECTION 1181a. PRIOR TO SUBMITTAL OF THE SHOP DRAWINGS TO THE CITY OF BURLINGTON.

16. IN ADDITION TO THE SHOP DRAWINGS OUTLINED IN NOTE 9 THE CONTRACTOR SHALL SUBMIT ALL DESIGN CALCULATIONS TO THE CITY OF BURLINGTON DEPARTMENT OF PUBLIC WORKS, SHOWING THE FOLLOWING INFORMATION FOR EACH OF THE VERTICAL AND HORIZONTAL COMPONENTS OF THE STRUCTURE AND FOOTING:

    A. THE DESIGN AXIAL AND SHEAR FORCES AND BENDING AND TORSIONAL MOMENTS.

    B. THE DESIGN AXIAL, BENDING AND SHEAR STRESSES AND THE COMBINED STRESS RATIO.

    C. VIBRATION AND FATIGUE CALCULATIONS AS SET FORTH IN SECTION 9 OF THE AASHTO PUBLICATION REFERENCED IN NOTE 2.

    D. THE ALLOWABLE AXIAL, BENDING, AND SHEAR STRESSES.

    E. ITEMS A,B,D - SHALL BE SHOWN FOR EACH OF THE GROUP LOADINGS (I,II,III) AND FOR THE BASIC WIND LOAD APPLIED TO THE TWO CASES OUTLINED IN THE AASHTO STANDARD SPECIFICATIONS (SEE NOTE 2) SECTION 1.2.5 (D)(4).

    F. FAILURE TO SUPPLY THE PROPER DESIGN INFORMATION SHALL BE CAUSE FOR REJECTION OF THE STRUCTURE.

    G. A MINIMUM OF FOUR (4) WEEKS SHALL BE REQUIRED FOR REVIEW BY THE CITY OF BURLINGTON DEPARTMENT OF PUBLIC WORKS.

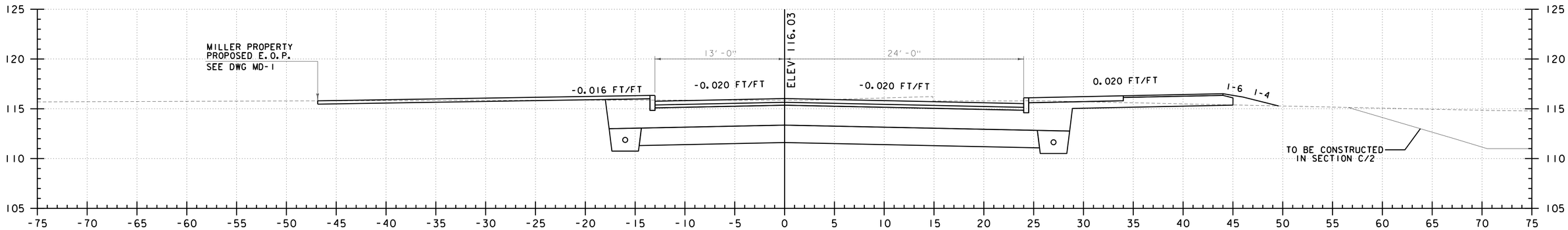
17. THE CONTRACTOR/MANUFACTURER SHALL BE RESPONSIBLE FOR COMPLETION OF THE STRUCTURE AND FOOTING DATA ON THE DETAIL SHEET(S).

18. THE TRAFFIC SIGNALS SHALL BE MOUNTED TO THE ARM OR POLE USING A FIXED MOUNT SYSTEM AS SHOWN ON STANDARD E-171C, UNLESS OTHERWISE NOTED ON THE CROSS SECTION SHEET.

19. BASE PLATES SHALL BE STAMPED WITH THE VERTICAL POLE DIAMETER, HEIGHT, YIELD STRENGTH, GAUGE AND THE HORZONTAL MEMBER DIAMETER, LENGTH, YIELD STRENGTH, GAUGE. ALTERNATELY, THE INFORMATION MAY BE STAMPED ON A METAL TAG RIVETED TO THE POLE NEAR THE HANDHOLE.

20. SEE STANDARD E-171A FOR ADDITIONAL NOTES.

21. SEE DRAWINGS TSP-1 TO TSP-5 FOR INTERSECTION LAYOUTS.



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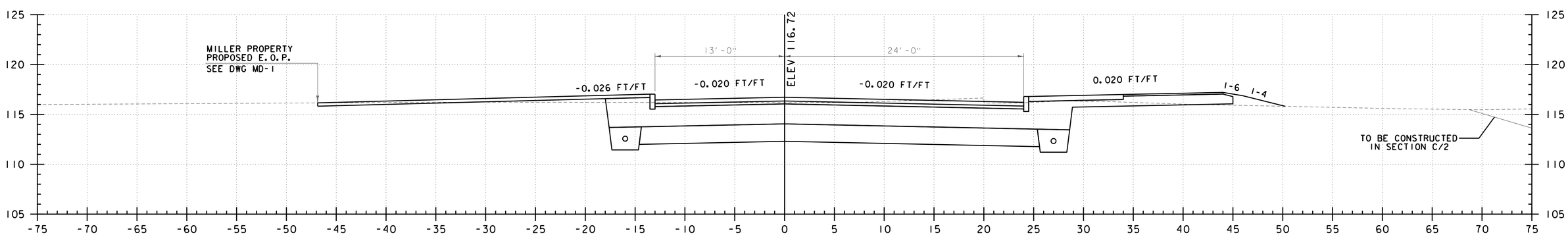

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SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
CHAMPLAIN PRKWY CROSS SECTION SHEET 1 (XS-1)	SHEET 216 OF 339

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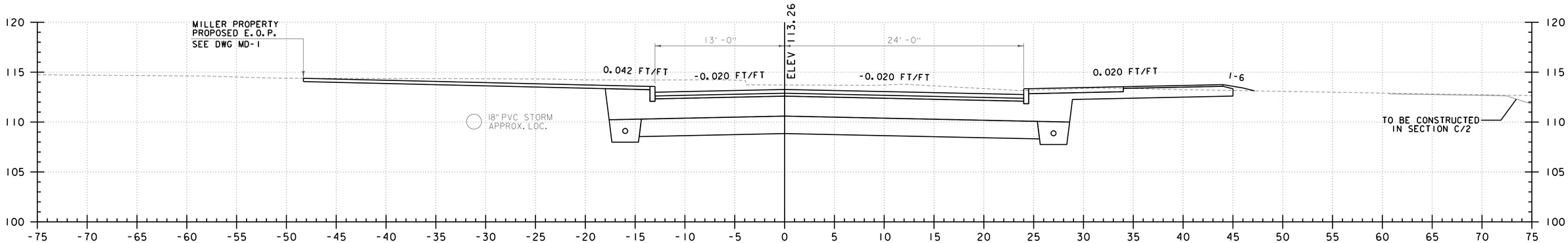

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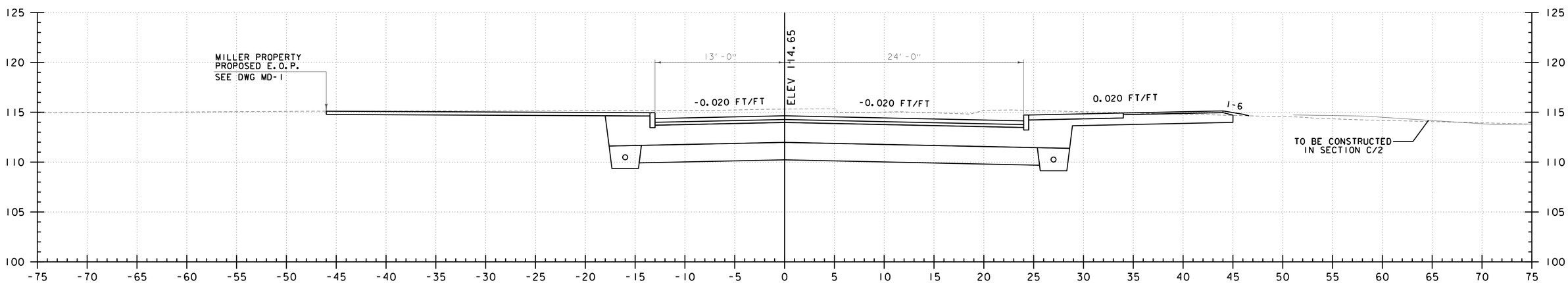

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PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
CHAMPLAIN PRKWY CROSS SECTION SHEET 2 (XS-2)	SHEET 217 OF 339

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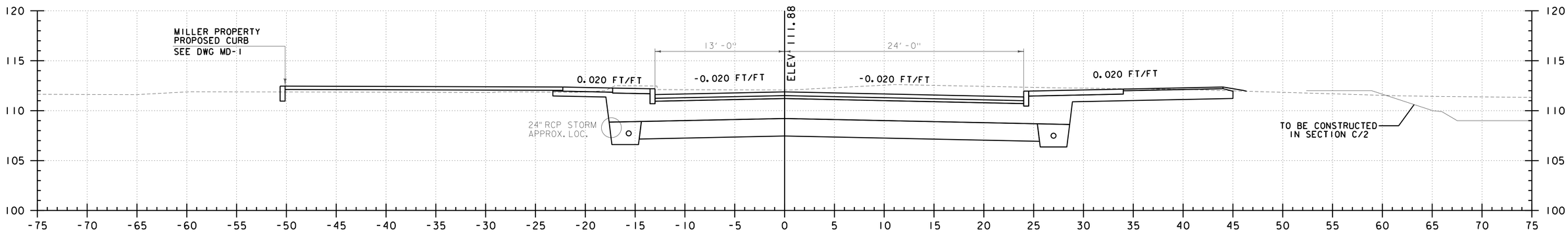

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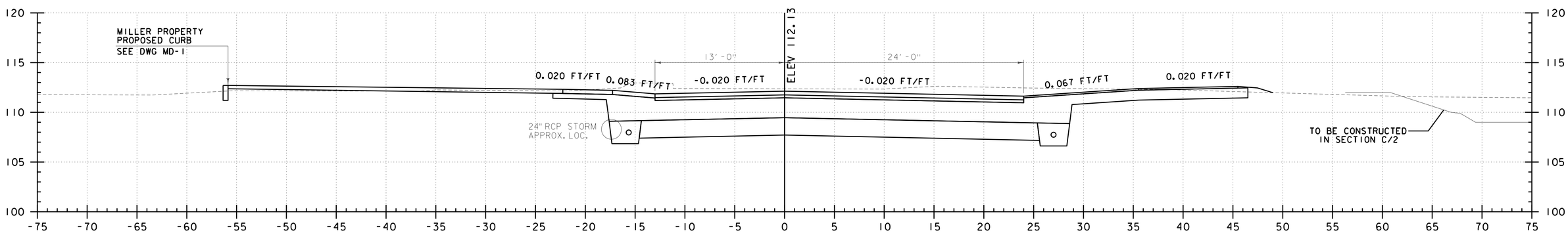

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PROJECT NUMBER: MEGC - M50001(1) C/6

FILE NAME: z87d078xs_c6.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. SCUDDER
PLOT DATE: 2/17/2016
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
CHAMPLAIN PRKWY CROSS SECTION SHEET 3 (XS-3)SHEET 218 OF 339

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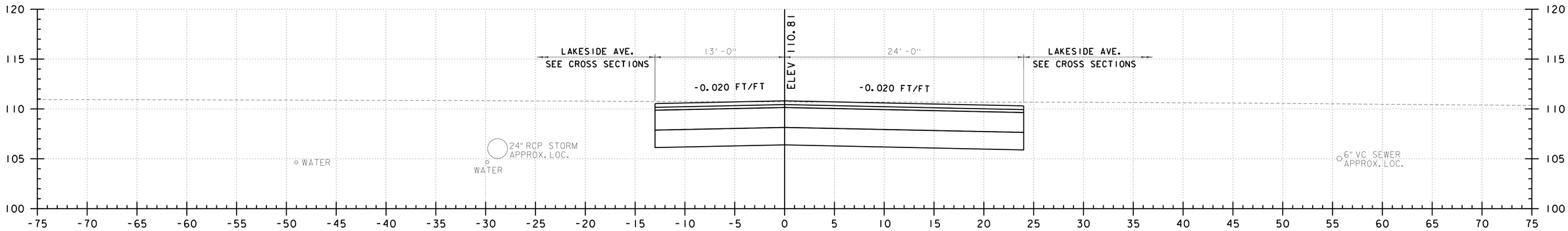

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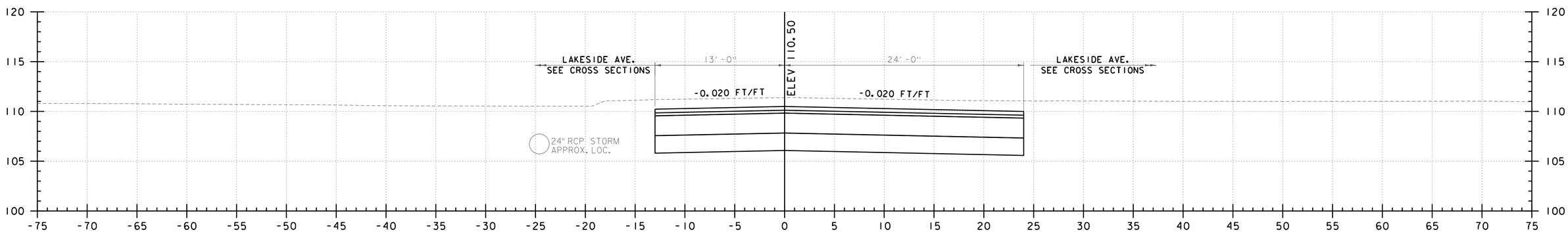

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PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
CHAMPLAIN PRKWY CROSS SECTION SHEET 4 (XS-4)	SHEET 219 OF 339

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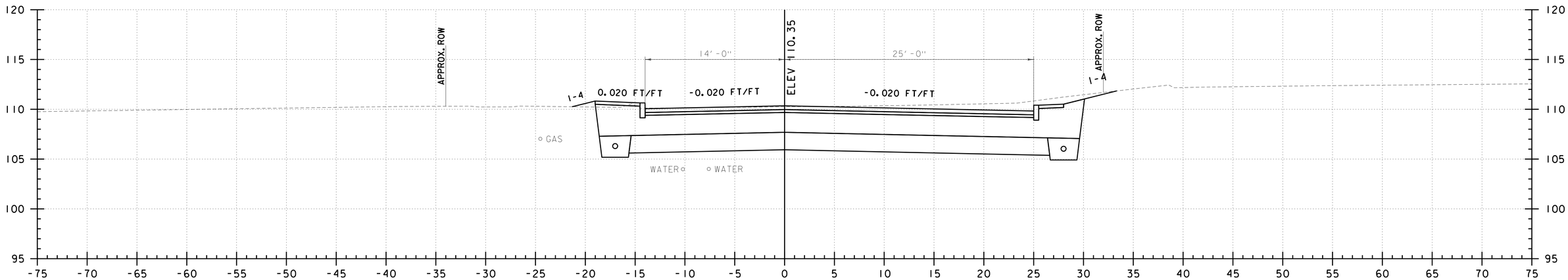

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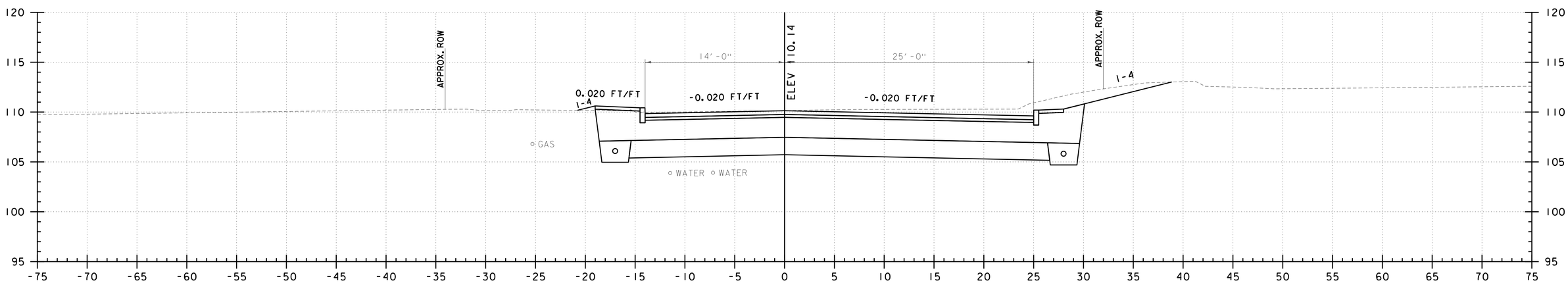

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PROJECT NUMBER: MEGC - M50001(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 1 (XS-5)	SHEET 220 OF 339

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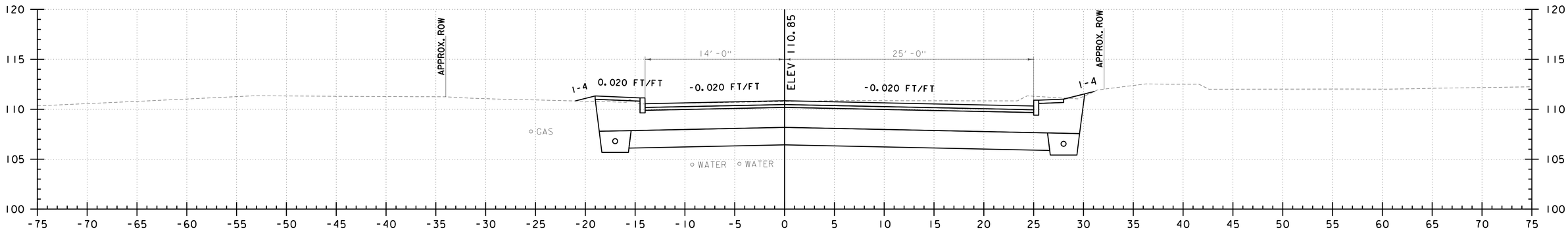

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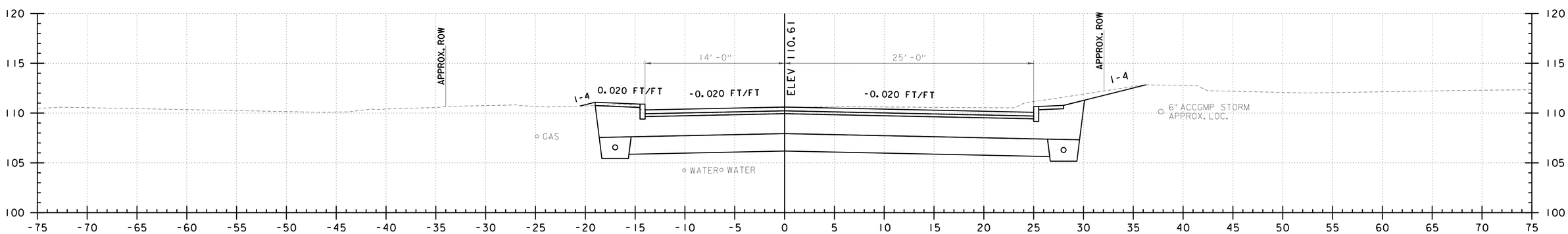

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PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 2 (XS-6)	SHEET 221 OF 339

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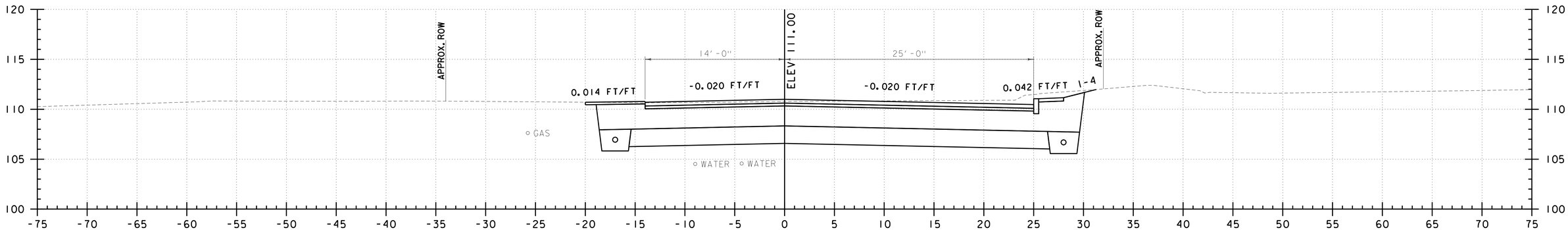

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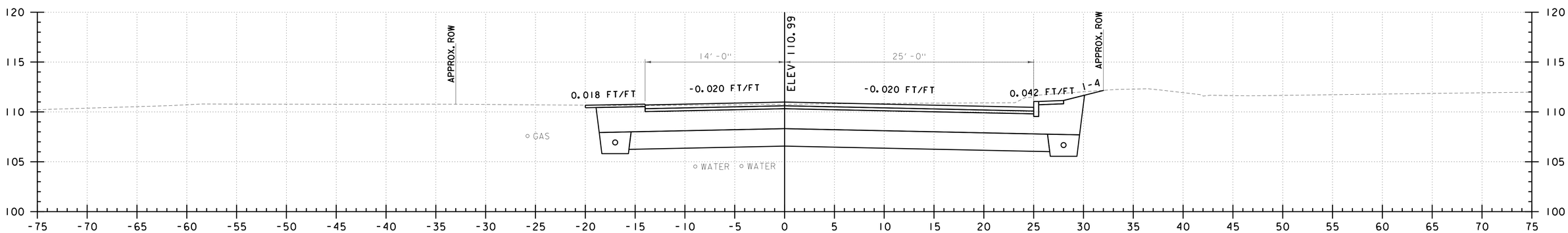

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PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 3 (XS-7)	SHEET 222 OF 339

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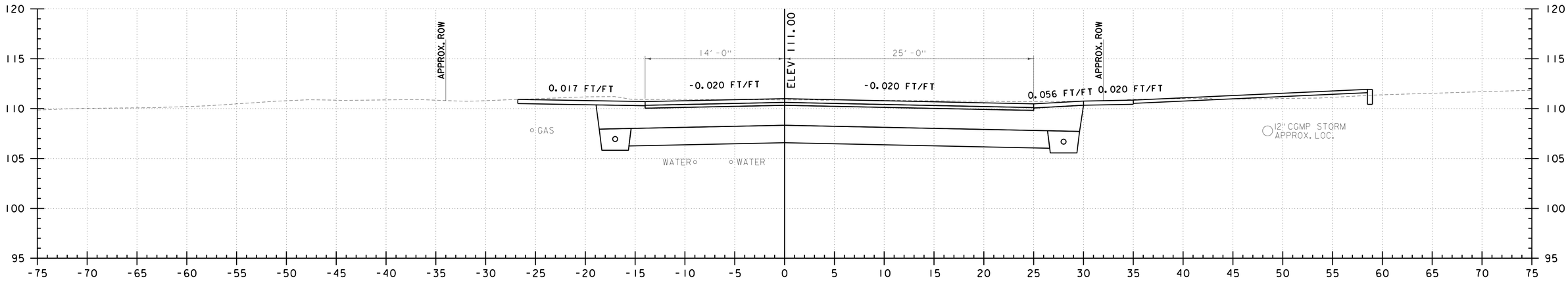

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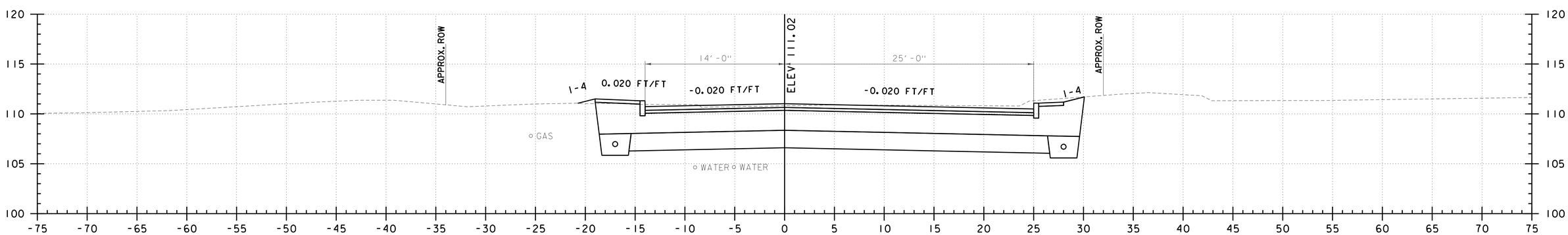

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PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 4 (XS-8)	SHEET 223 OF 339

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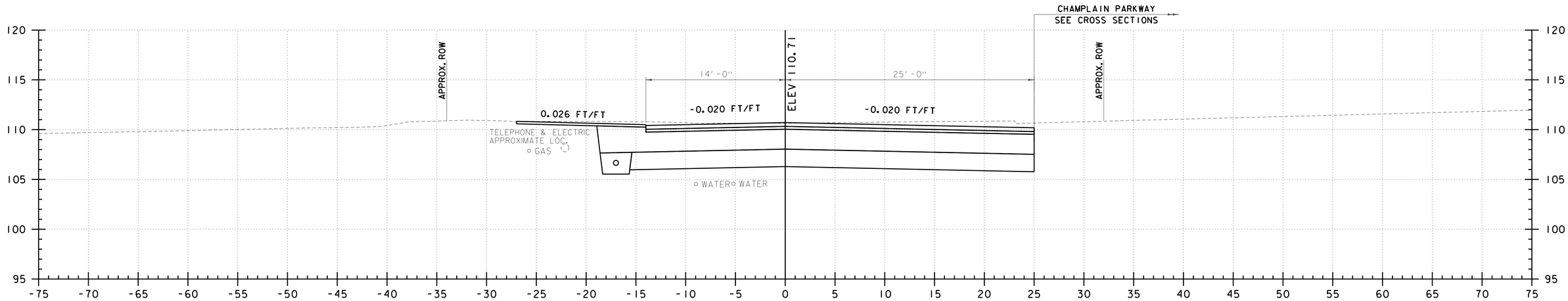

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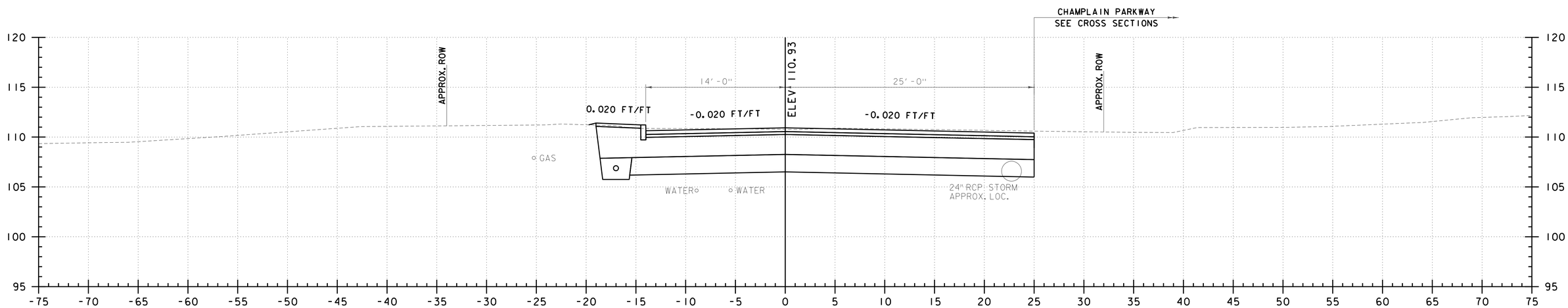

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PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 5 (XS-9)	SHEET 224 OF 339

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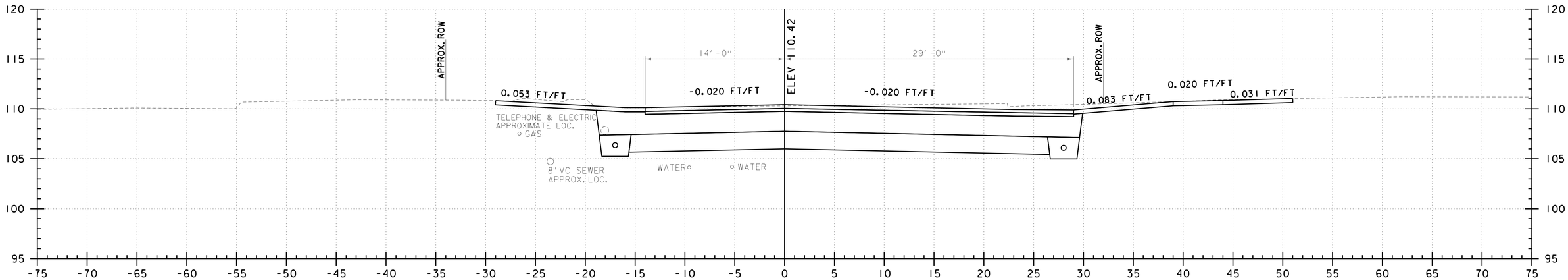

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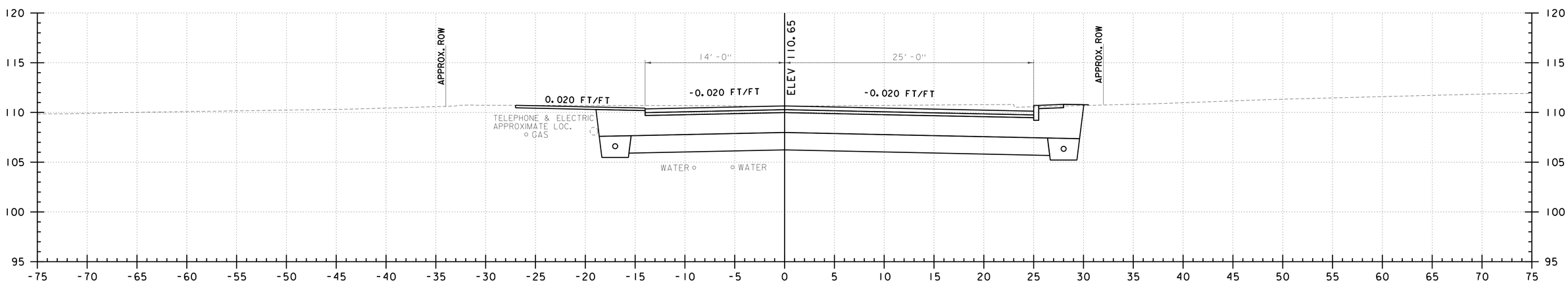

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PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 6 (XS-10)	SHEET 225 OF 339

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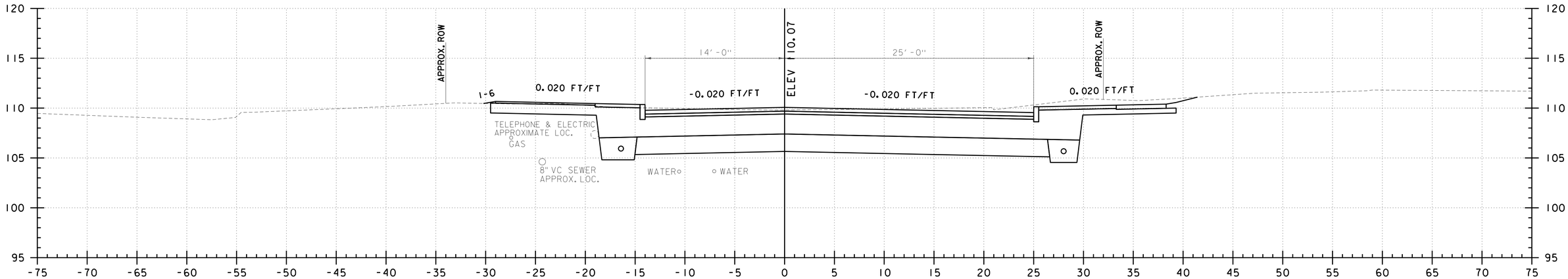

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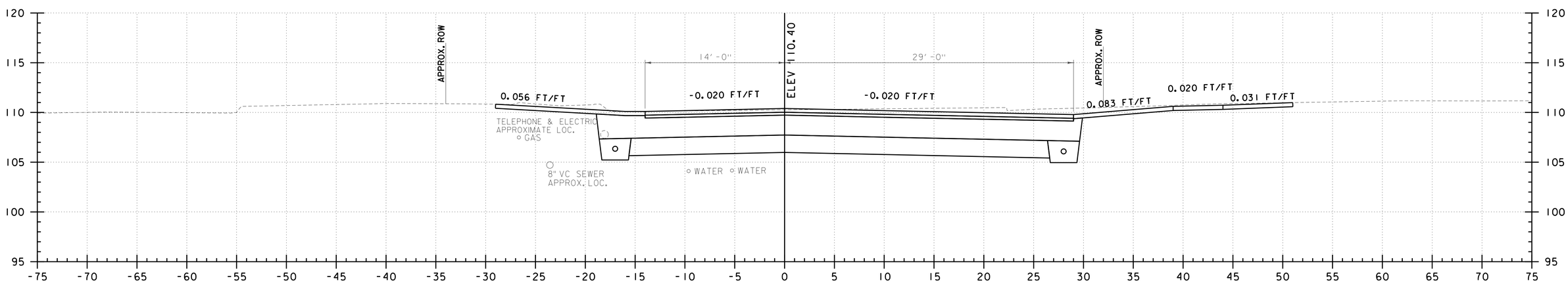

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FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 7 (XS-11)	SHEET 226 OF 339

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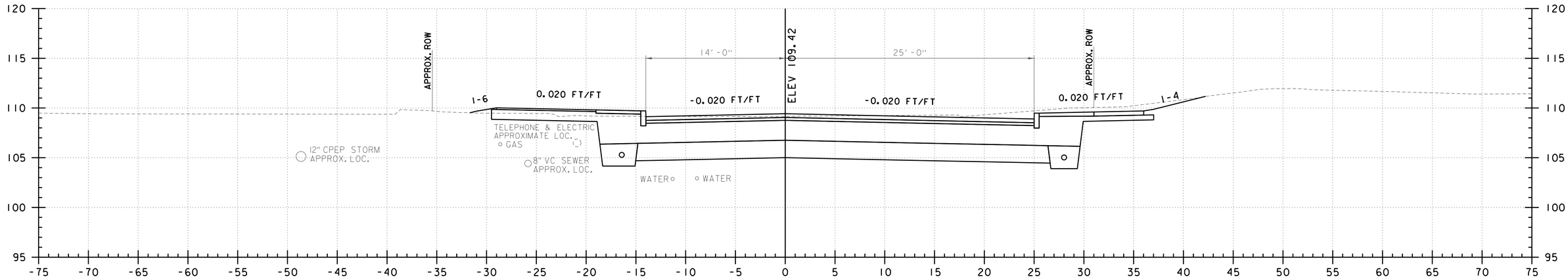

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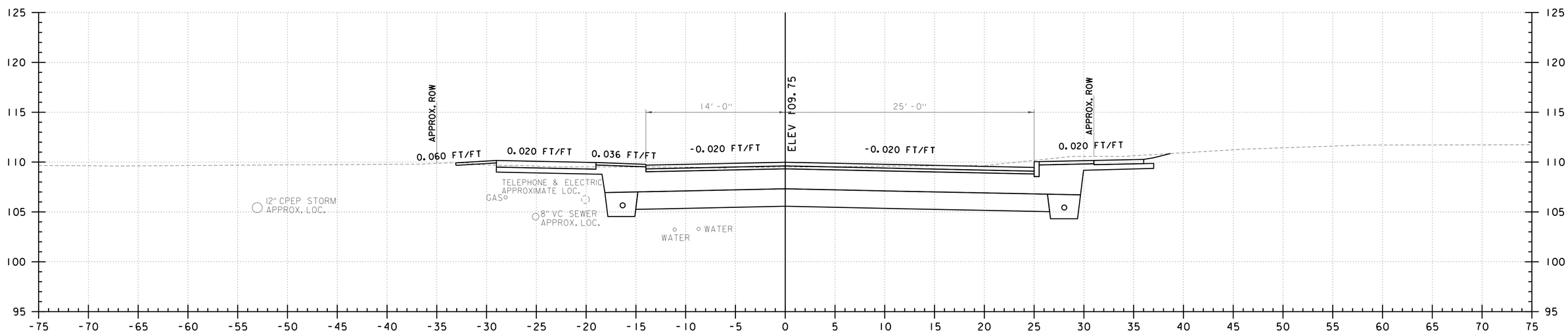

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FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 8 (XS-12)	SHEET 227 OF 339

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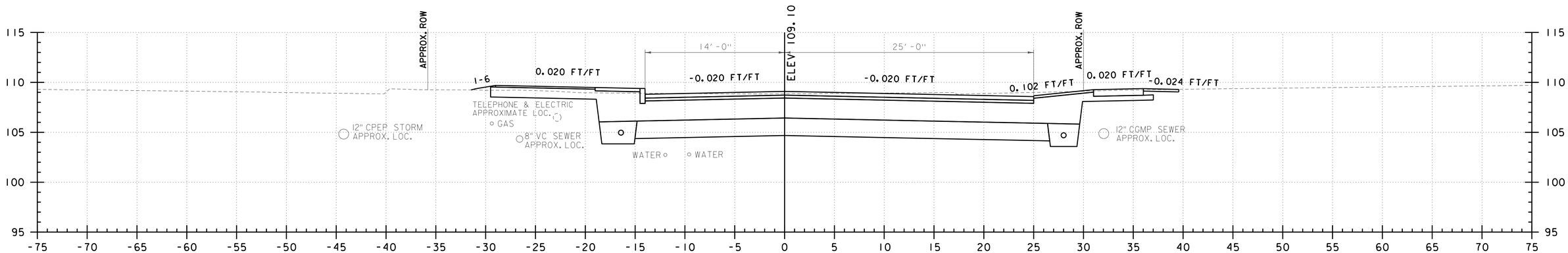

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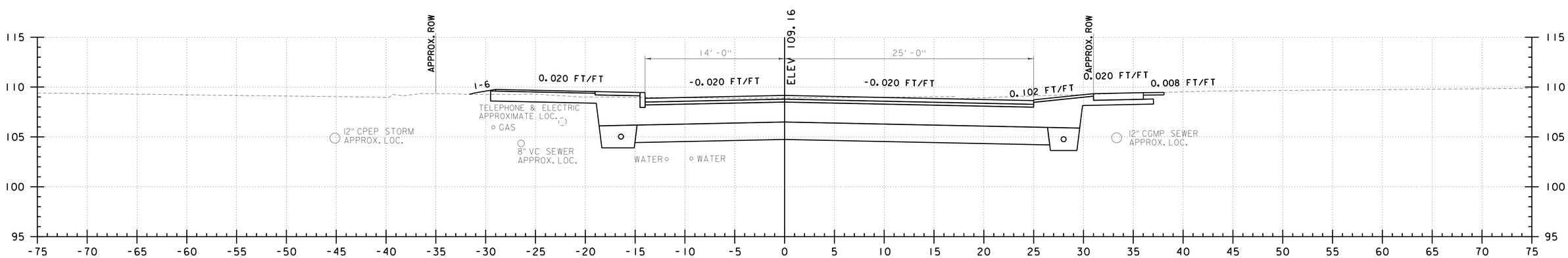


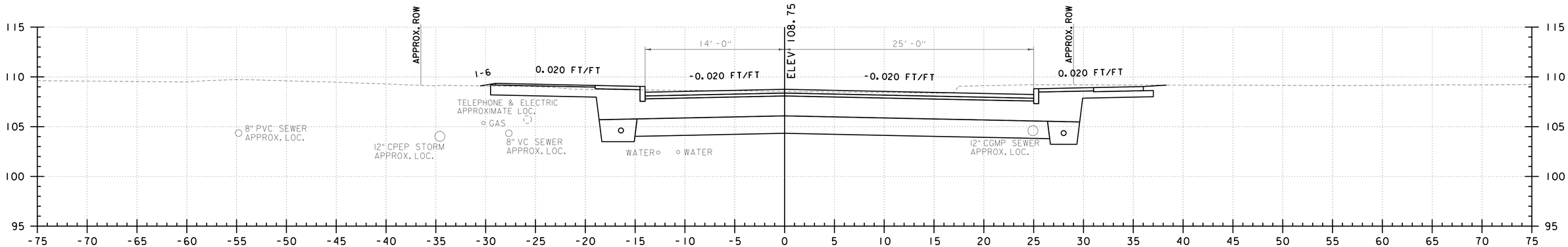
LA 111+90
LAKESIDE AVE.

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 9 (XS-13)	SHEET 228 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



LA 112+55
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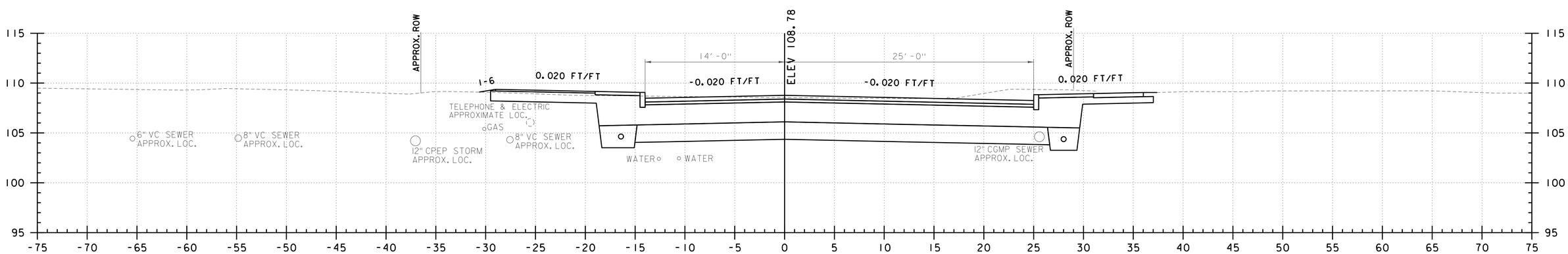

LA 112+50
LAKESIDE AVE.

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 10 (XS-14)	SHEET 229 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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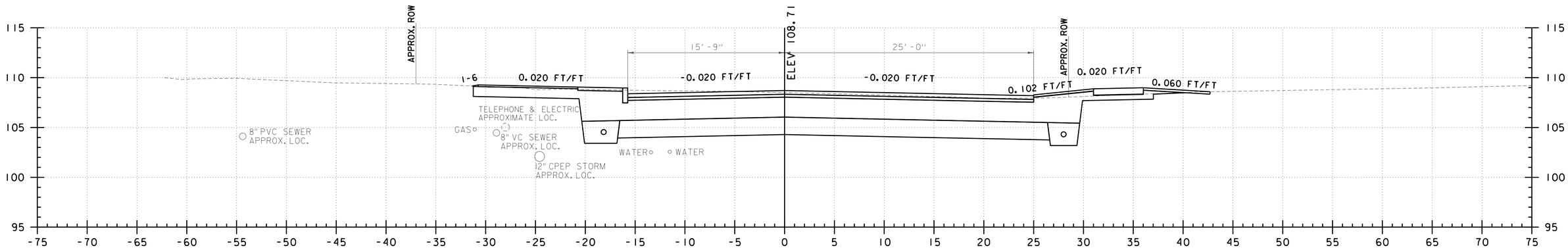

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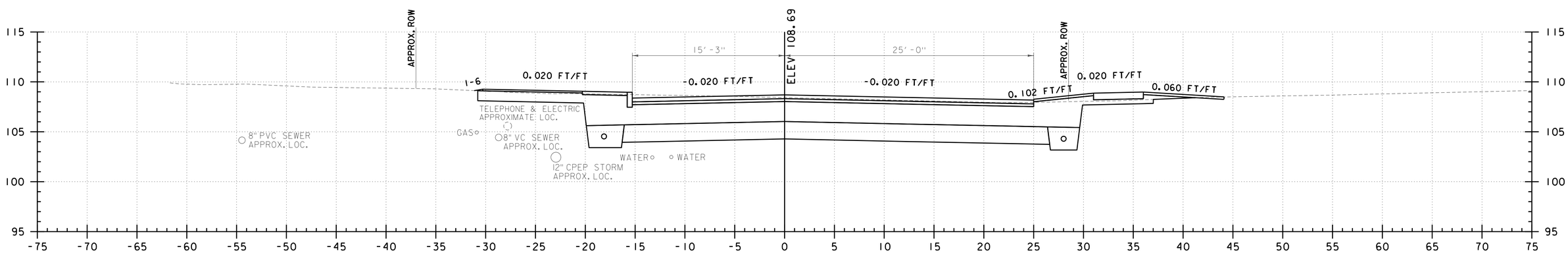

LA 113+00
LAKESIDE AVE.

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET II (XS-15)	SHEET 230 OF 339

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DATE/TIME =2/17/2016
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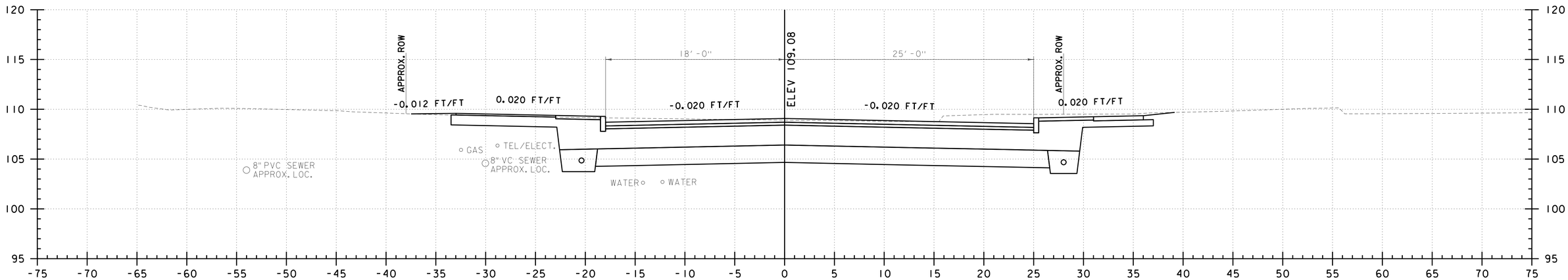

LA 113+59
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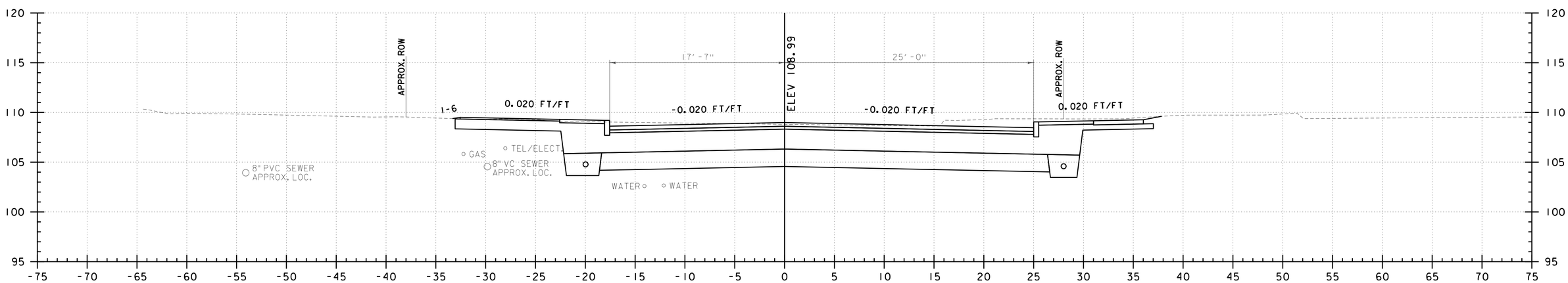

LA 113+50
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0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 12 (XS-16)	SHEET 231 OF 339

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DATE/TIME =2/17/2016
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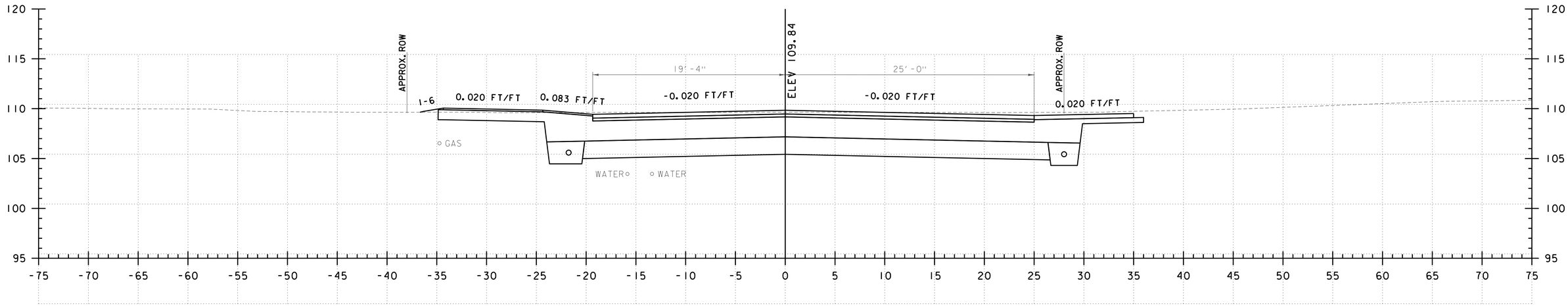
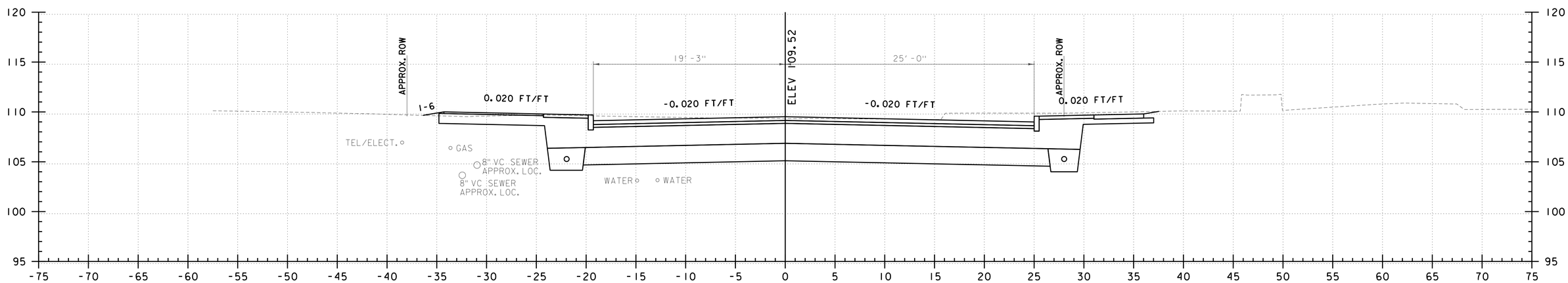


LA 114+30
LAKESIDE AVE.



LA 114+00
LAKESIDE AVE.

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 13 (XS-17)	SHEET 232 OF 339

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DATE/TIME =2/17/2016
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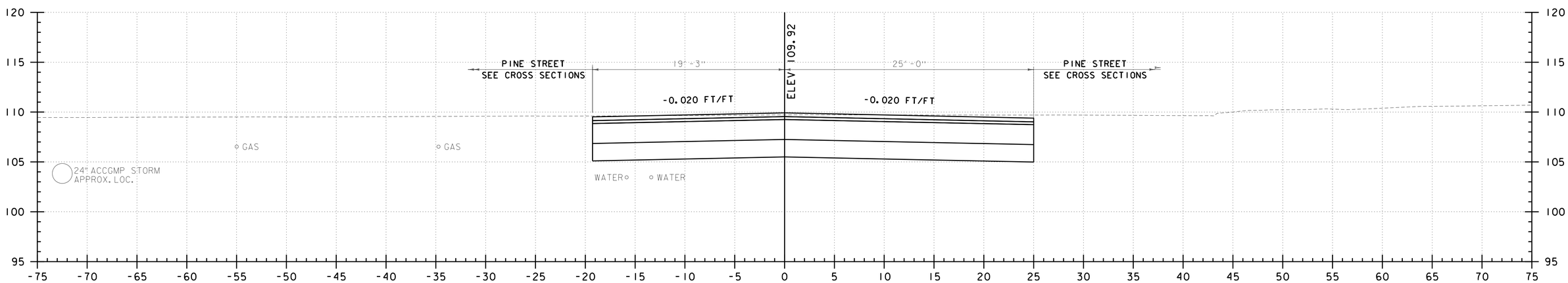

LA 114+37.56
LAKESIDE AVE.

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
LAKESIDE AVE CROSS SECTION SHEET 14 (XS-18)	SHEET 233 OF 339

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DATE/TIME =2/17/2016
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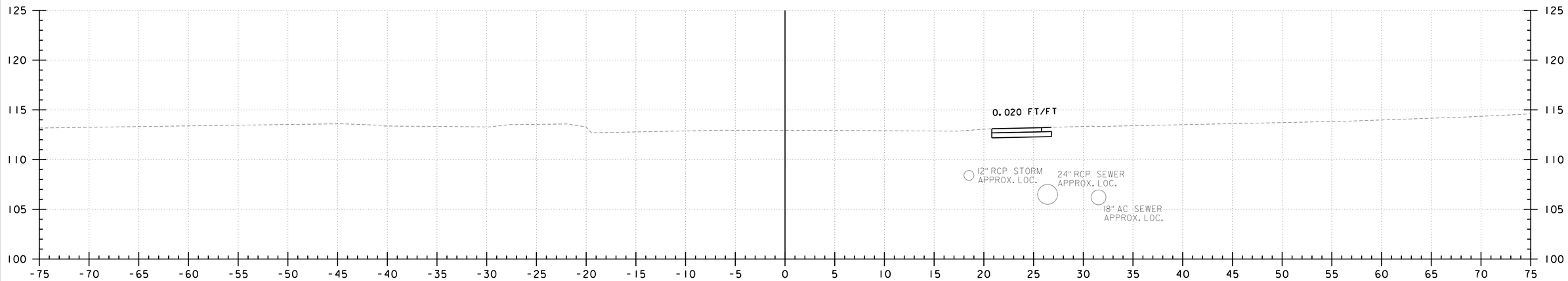

P 11+40
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 1 (XS-19)	SHEET 234 OF 339

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DATE/TIME =2/17/2016
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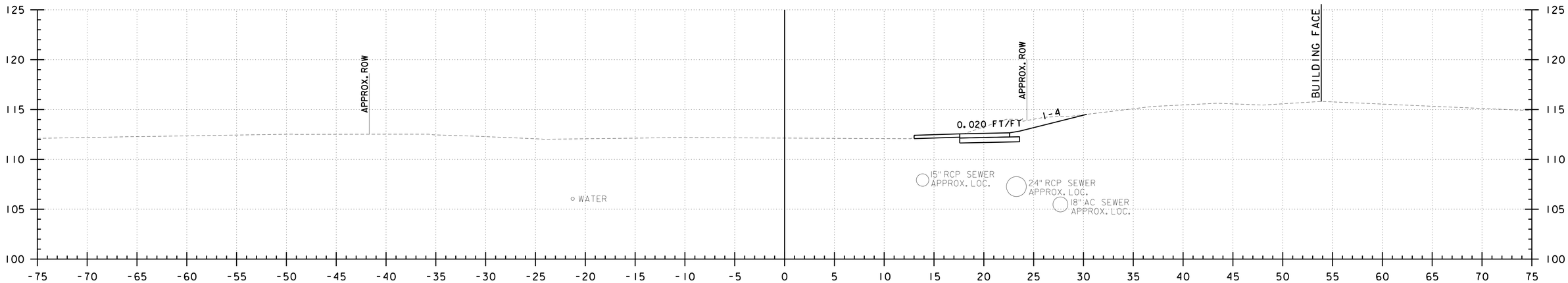
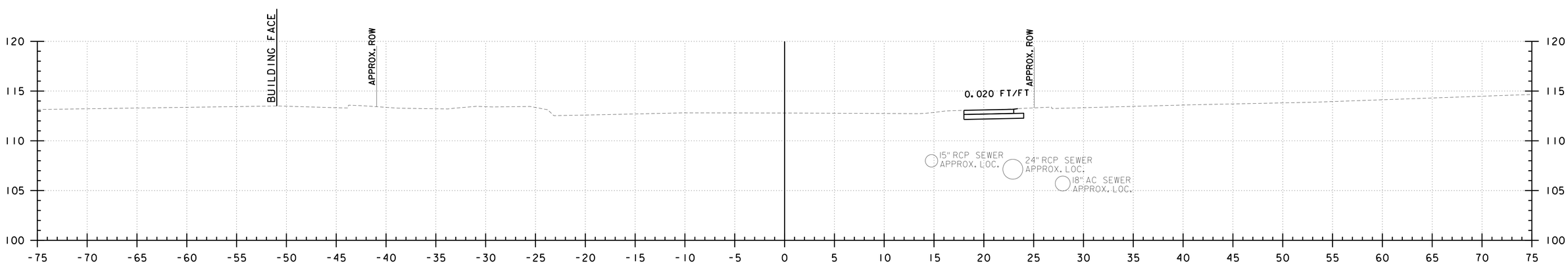


P 12+00
PINE STREET



P 11+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 2 (XS-20)	SHEET 235 OF 339

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DATE/TIME =2/17/2016
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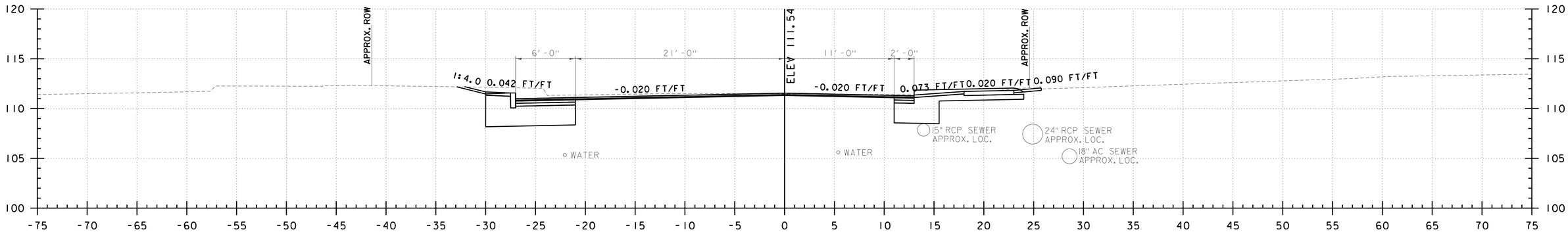
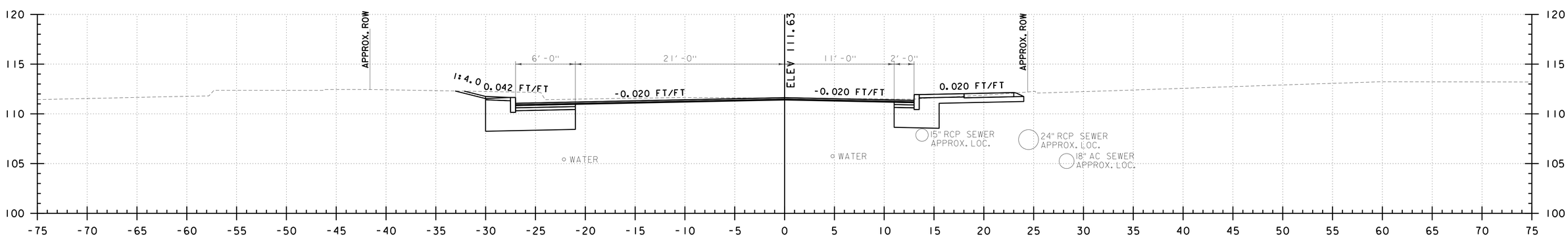


P 12+60
PINE STREET



P 12+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 3 (XS-21)	SHEET 236 OF 339

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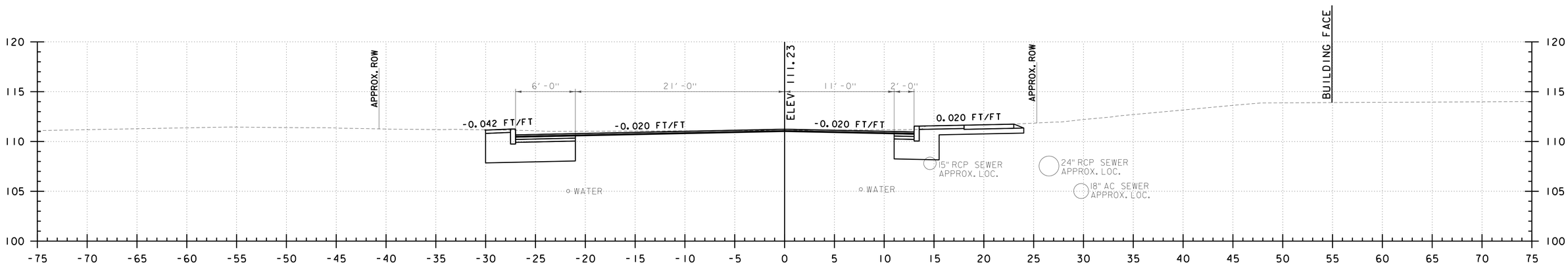
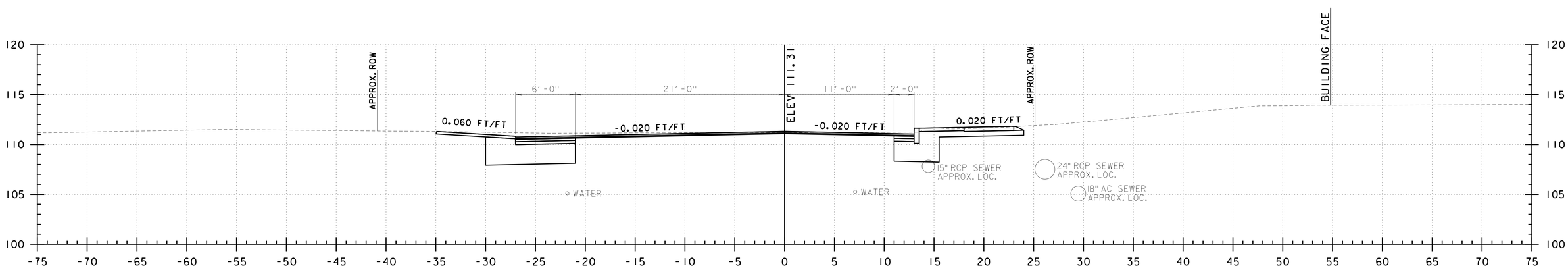


P 13+00
PINE STREET



P 12+90
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 4 (XS-22)	SHEET 237 OF 339

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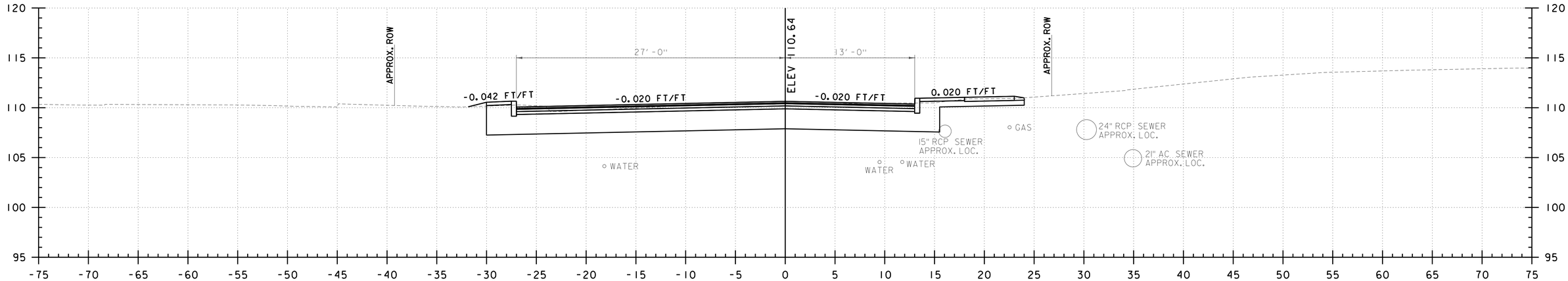
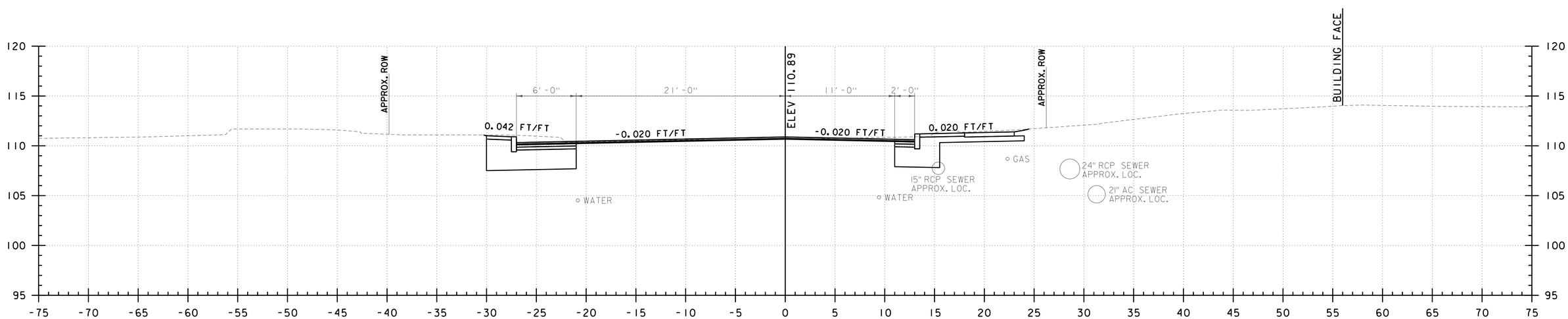
DATE/TIME =2/17/2016
USER =4916



P 14+00
PINE STREET



P 13+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 5 (XS-23)	SHEET 238 OF 339

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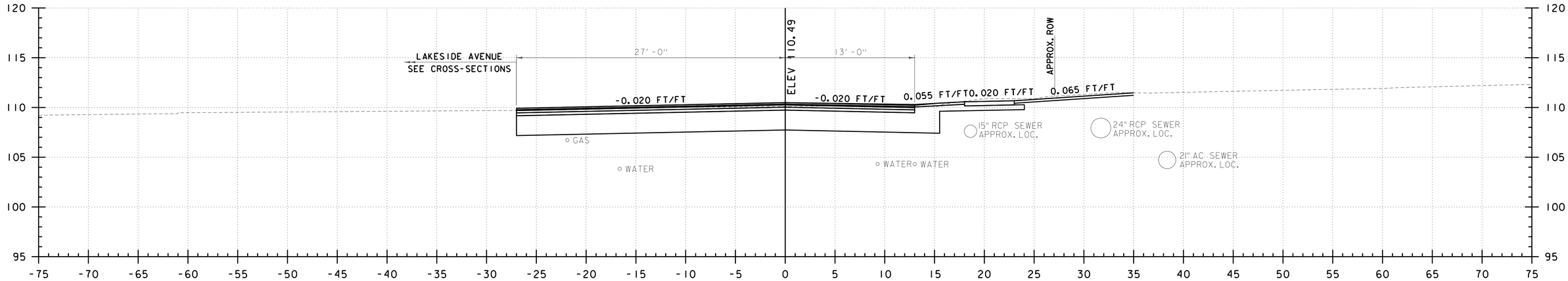
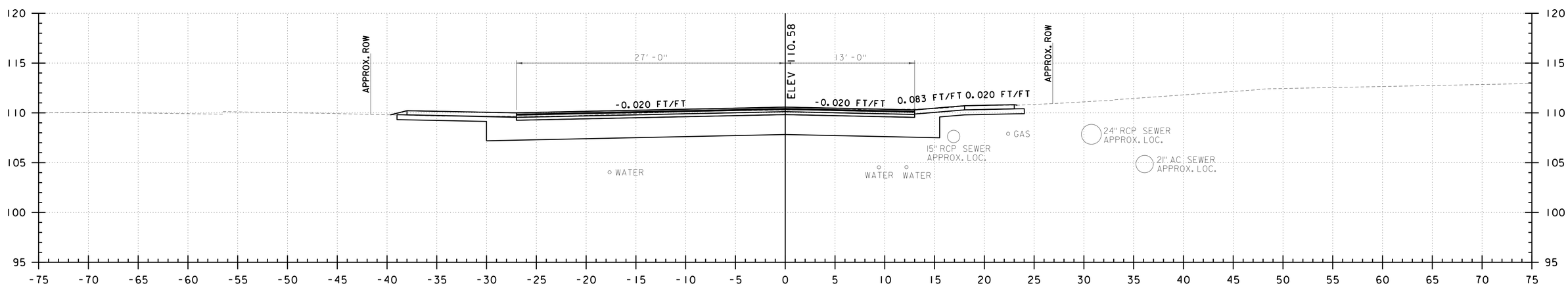


P 14+50
PINE STREET



P 14+17
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 6 (XS-24)	SHEET 239 OF 339

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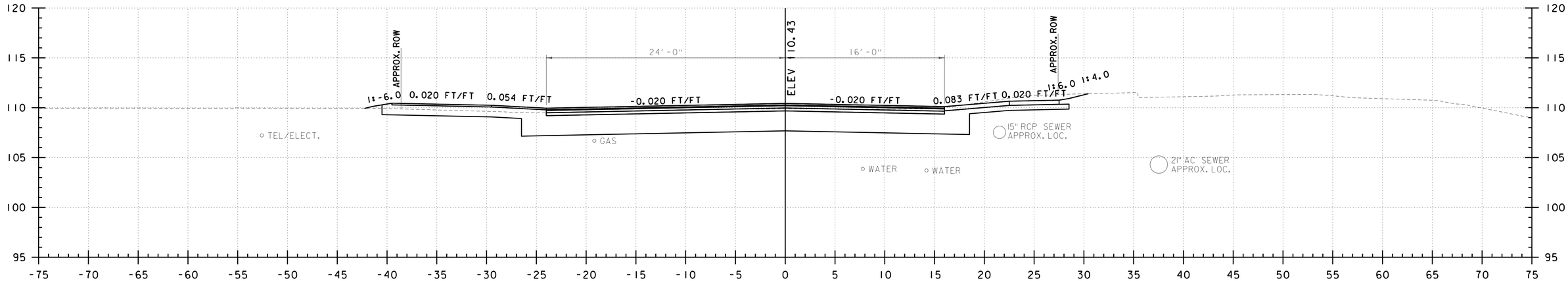
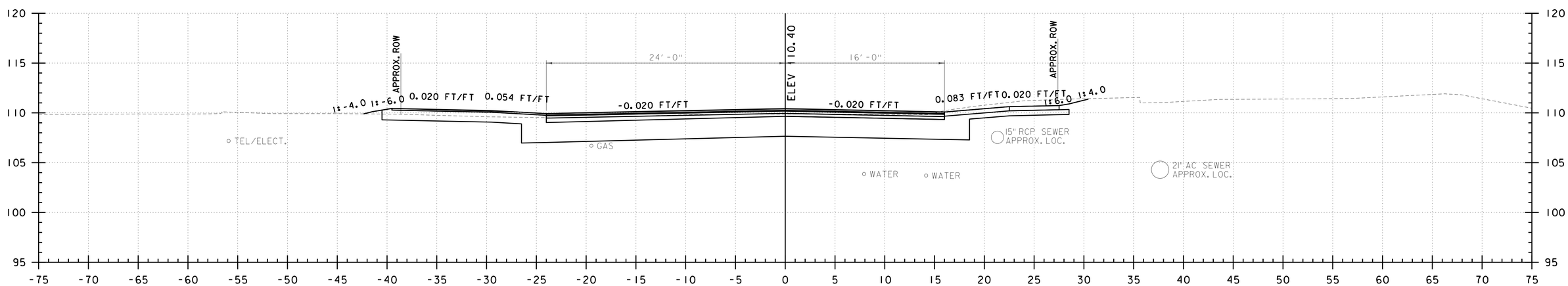


P 15+00
PINE STREET



P 14+97
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 7 (XS-25)	SHEET 240 OF 339

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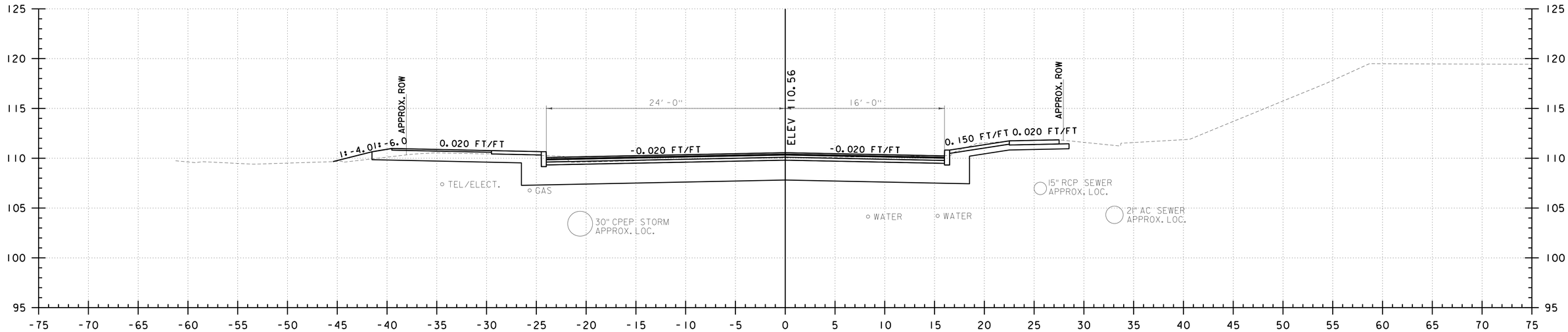
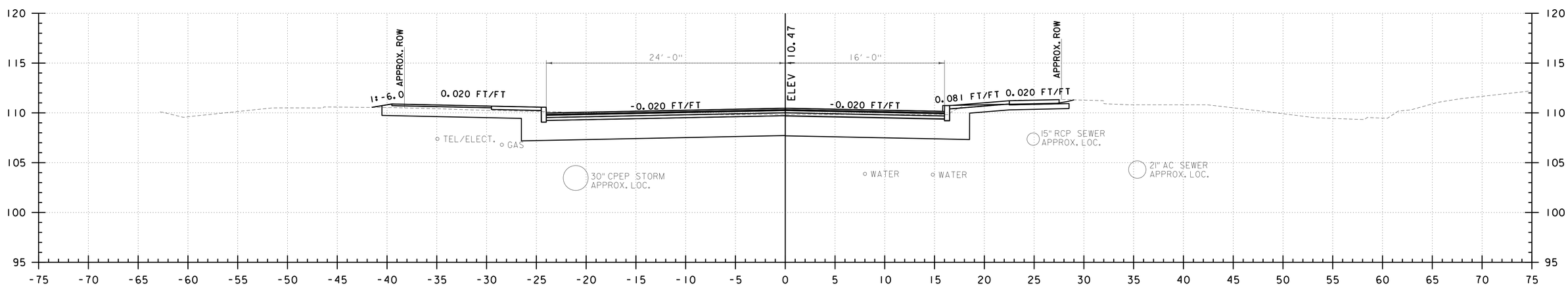
DATE/TIME =2/17/2016
USER =4916



P 16+00
PINE STREET



P 15+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 8 (XS-26)	SHEET 241 OF 339

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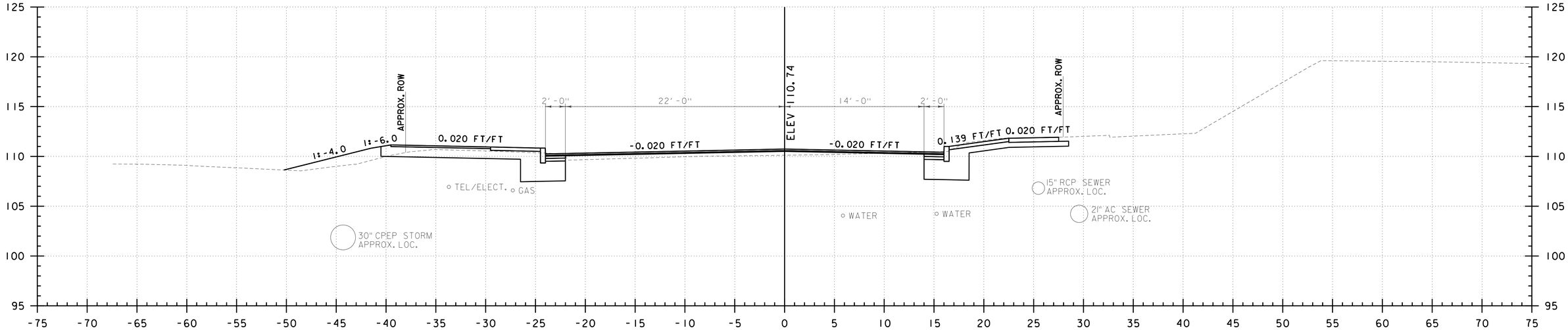
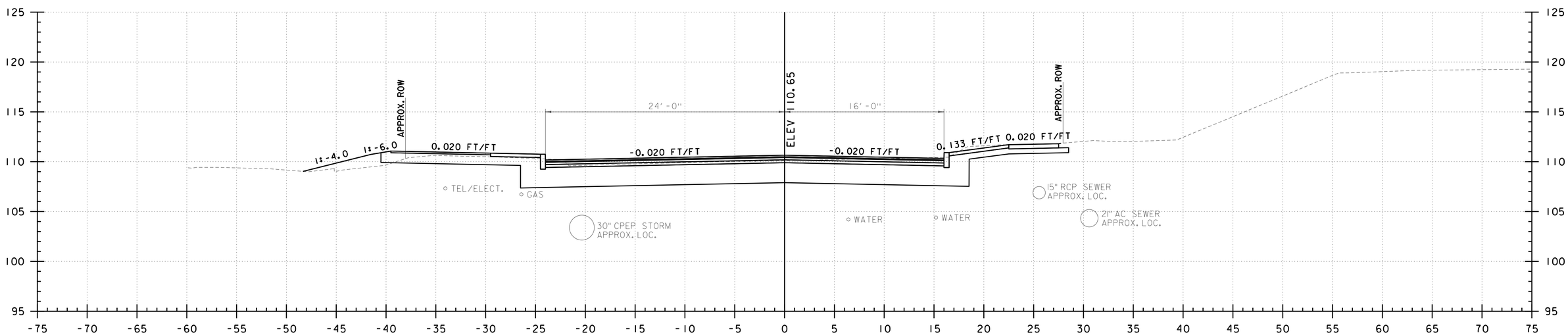
DATE/TIME =2/17/2016
USER =4916



P 17+00
PINE STREET



P 16+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 9 (XS-27)	SHEET 242 OF 339

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DATE/TIME =2/17/2016
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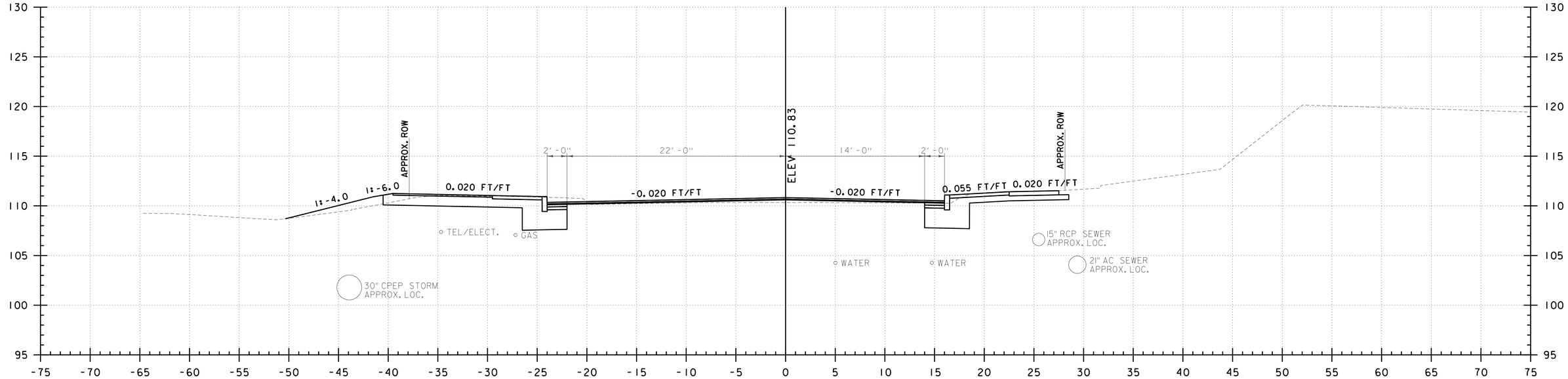
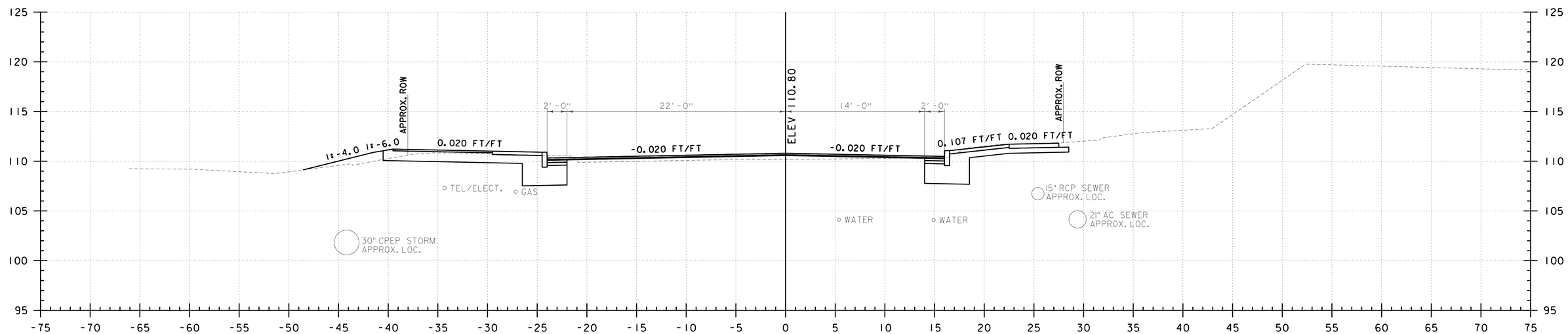


P 18+00
PINE STREET



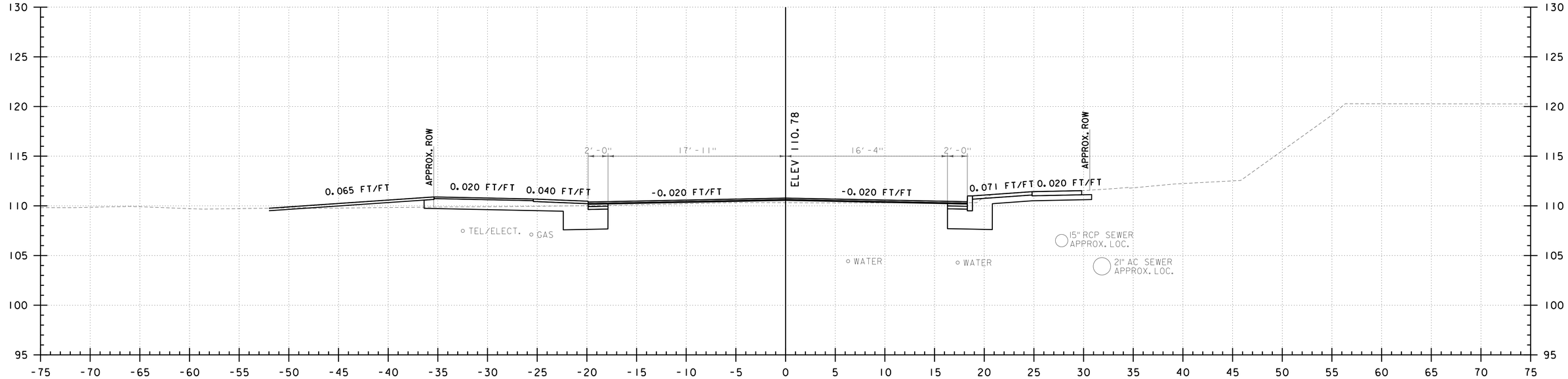
P 17+50
PINE STREET

0 5 10
SCALE IN FEET

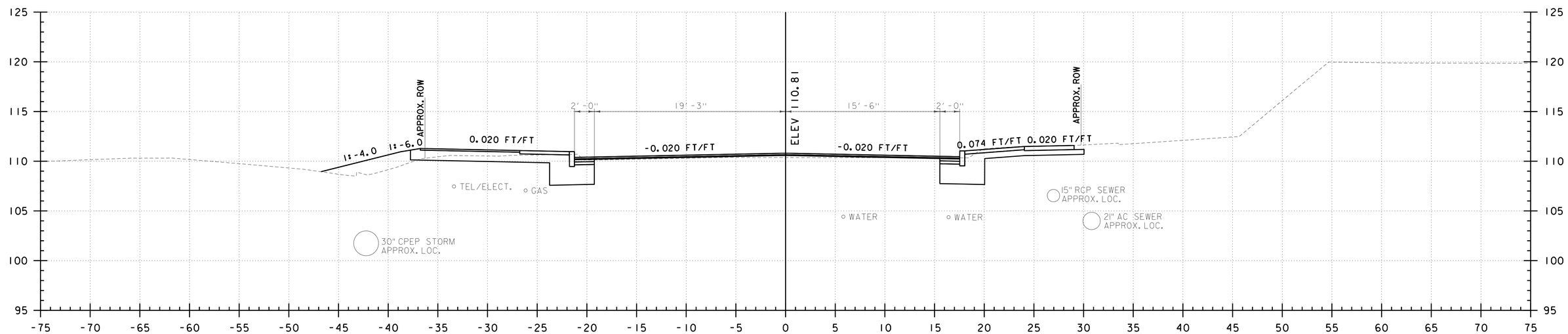
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 10 (XS-28)	SHEET 243 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 18+75
PINE STREET



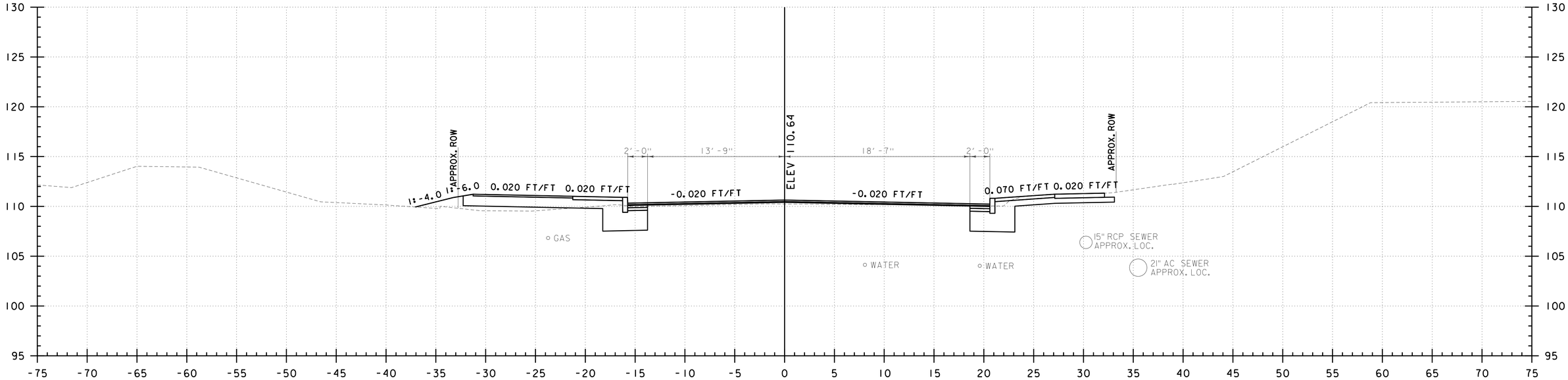
P 18+50
PINE STREET

0 5 10
SCALE IN FEET

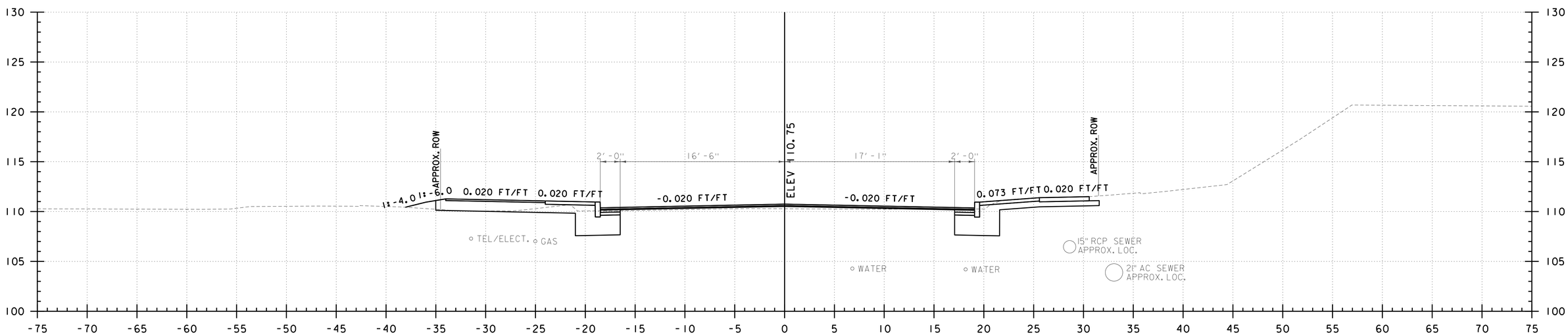
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET II (XS-29)	SHEET 244 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 19+50
PINE STREET



P 19+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 12 (XS-30)	SHEET 245 OF 339

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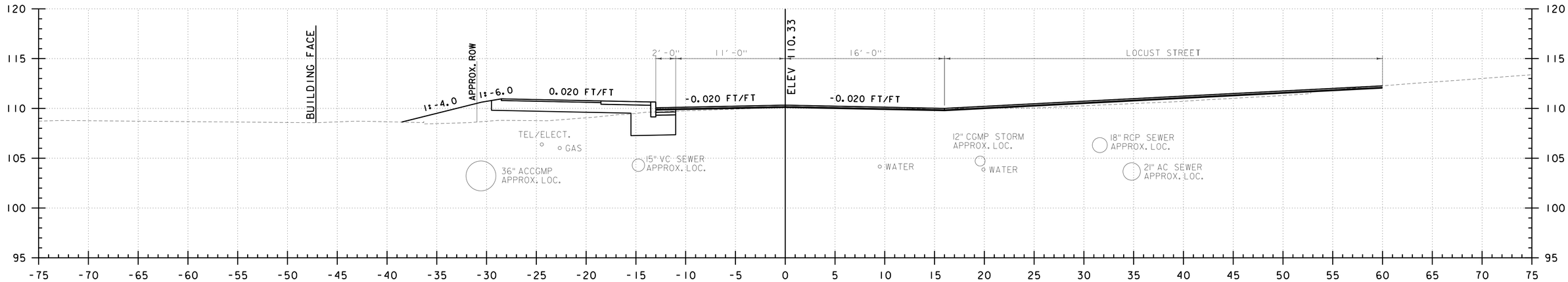
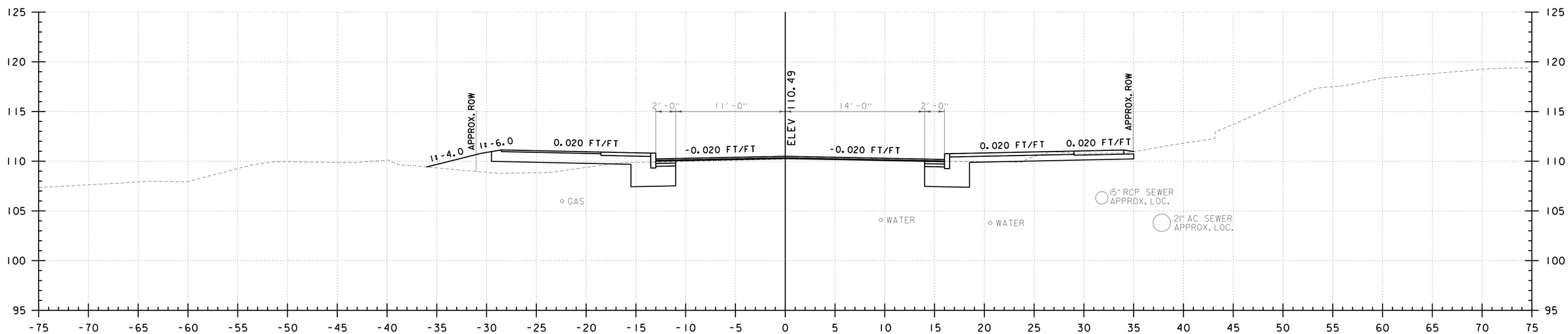


P 20+50
PINE STREET



P 20+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 13 (XS-31)	SHEET 246 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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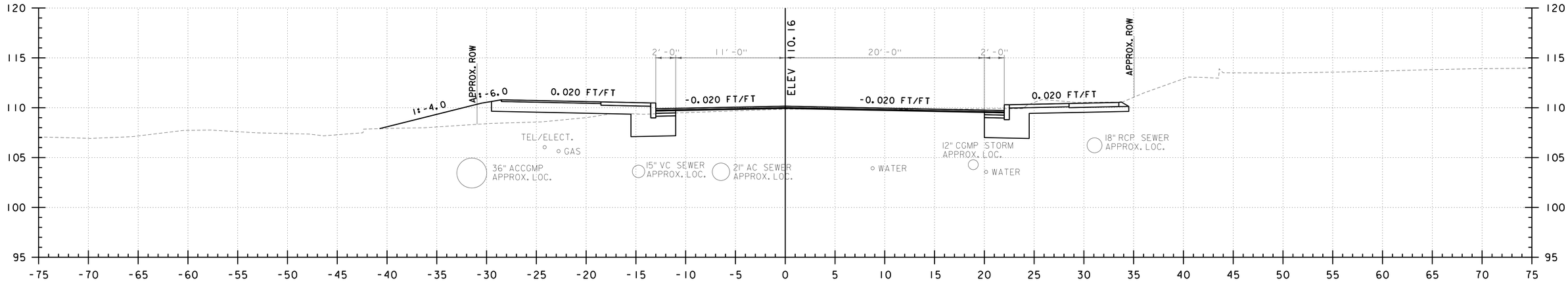
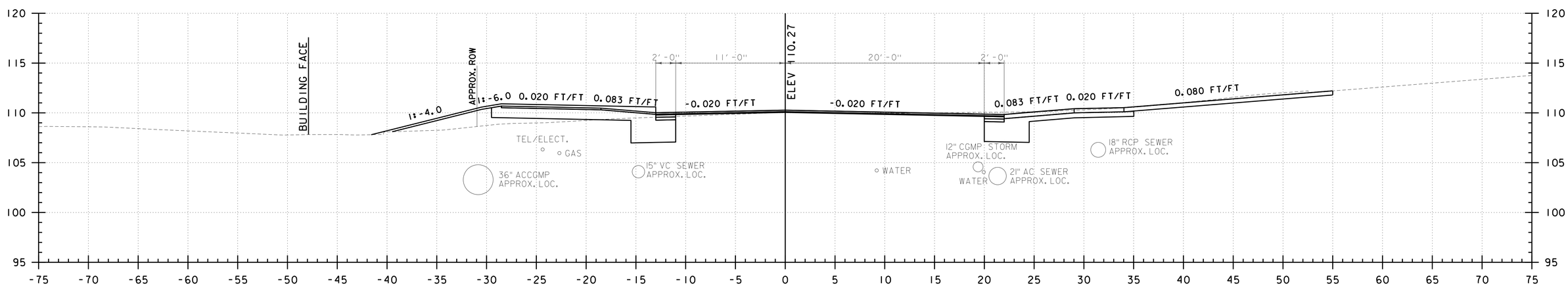


P 21+00
PINE STREET



P 20+65
PINE STREET

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SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 14 (XS-32)	SHEET 247 OF 339

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DATE/TIME =2/17/2016
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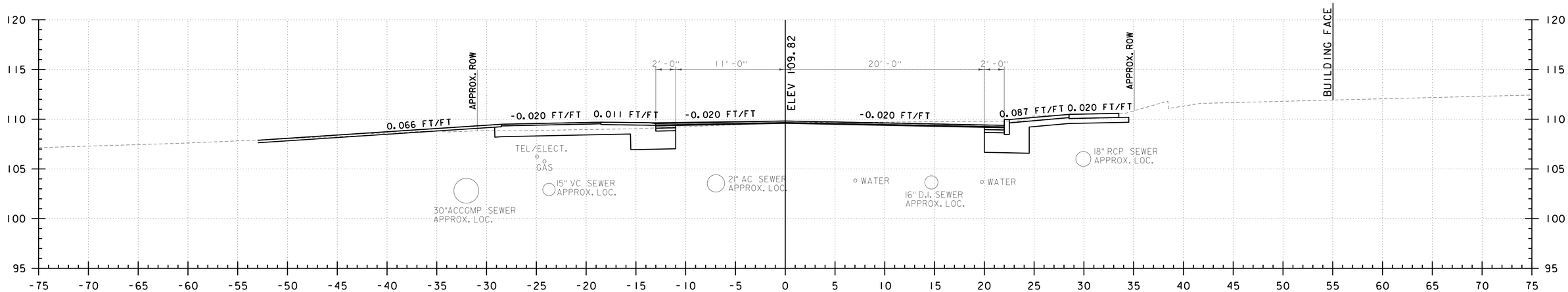
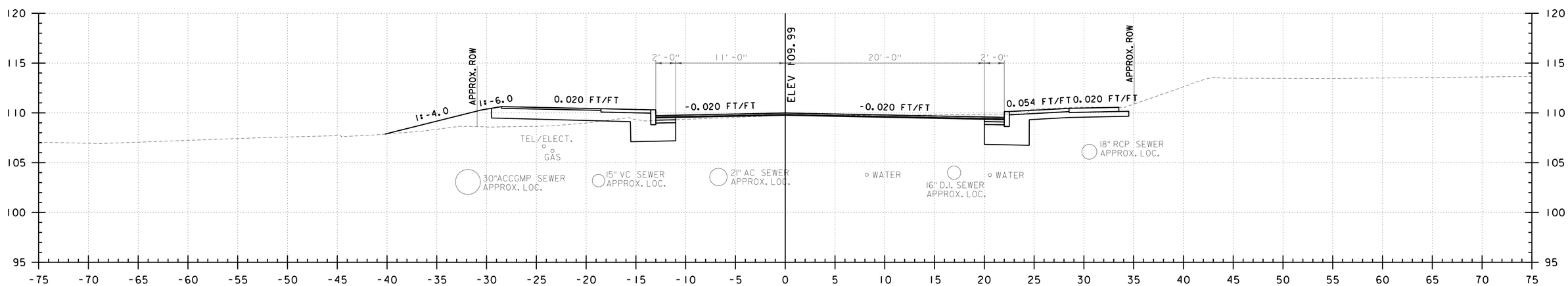


P 22+00
PINE STREET



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PINE STREET

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SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 15 (XS-33)	SHEET 248 OF 339

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DATE/TIME =2/17/2016
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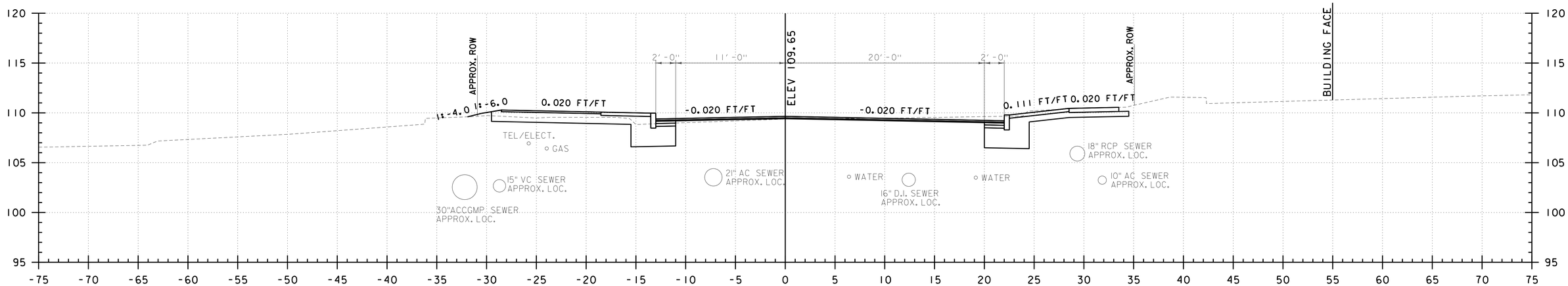

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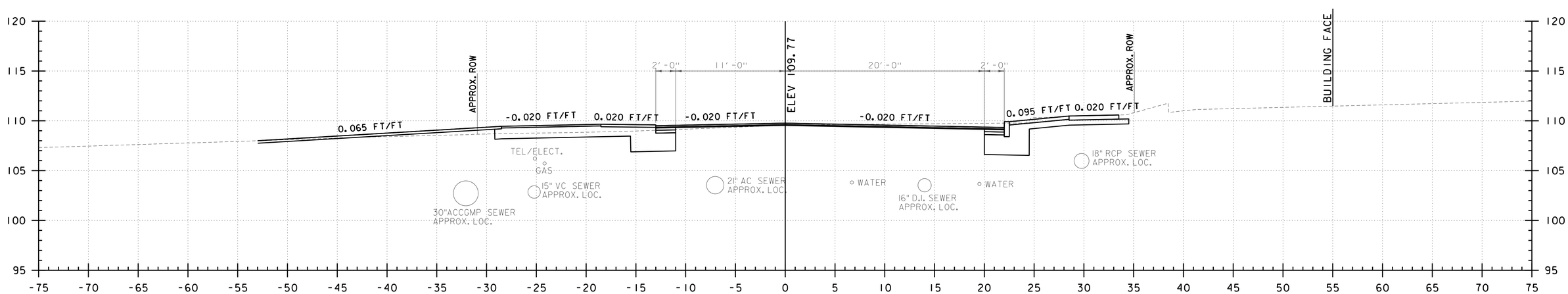

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SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 16 (XS-34)	SHEET 249 OF 339

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DATE/TIME =2/17/2016
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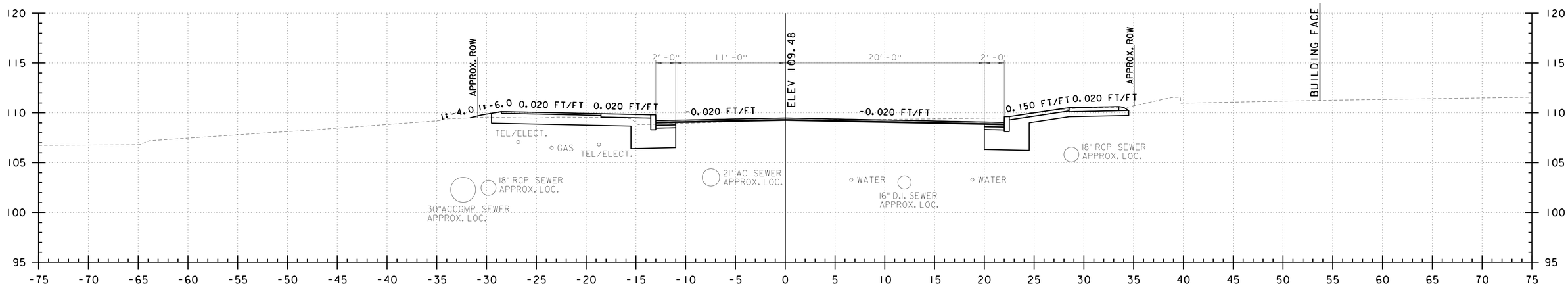
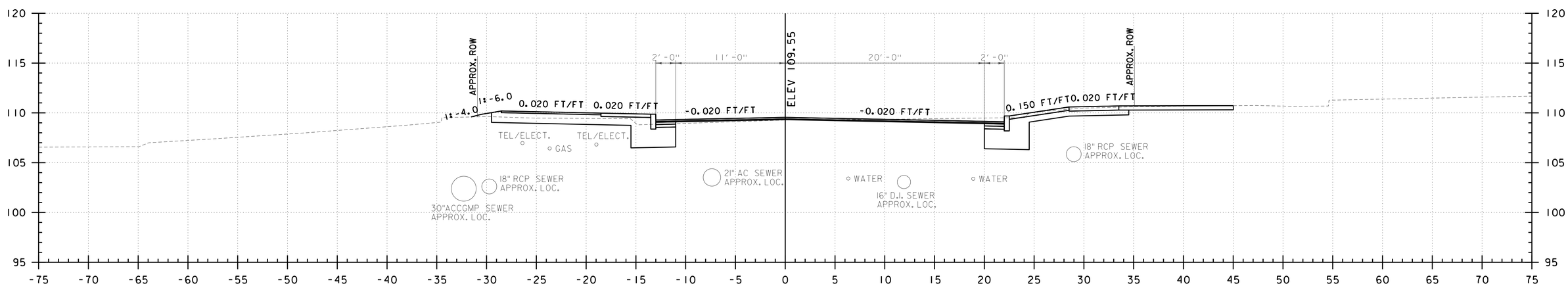


P 23+00
PINE STREET



P 22+80
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SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 17 (XS-35)	SHEET 250 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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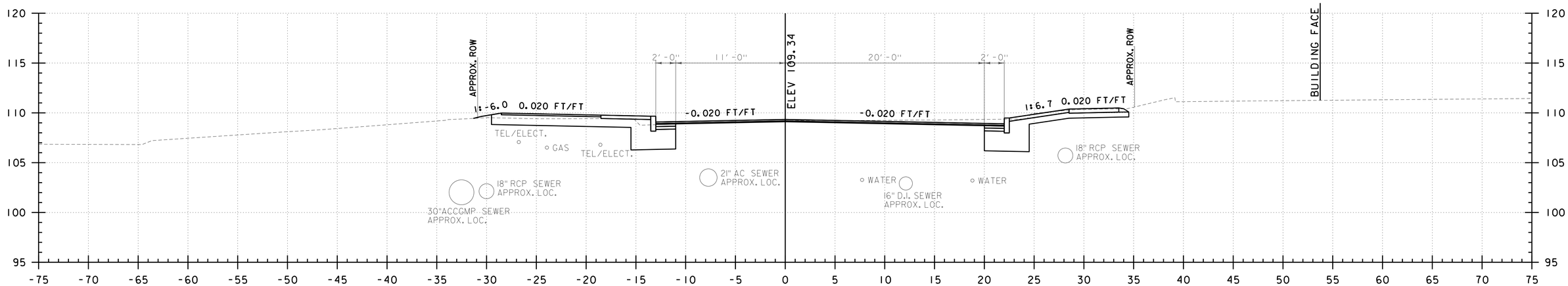

P 23+50
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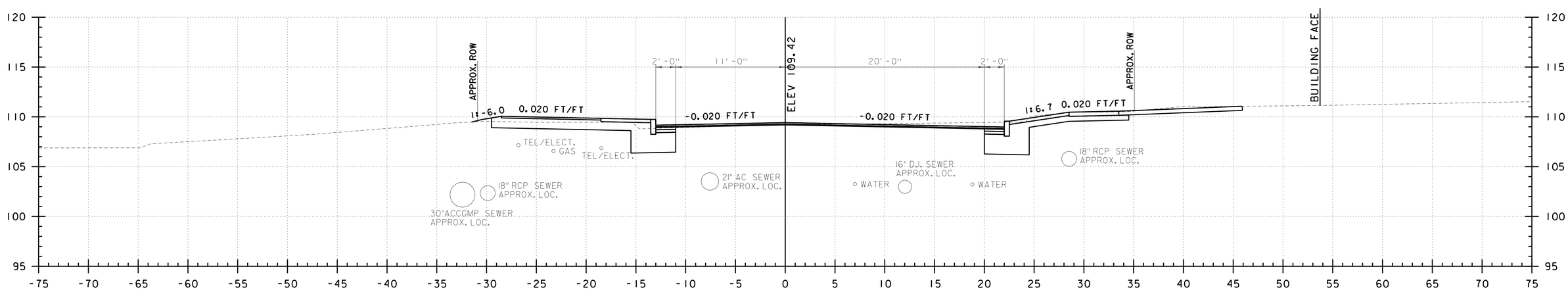

P 23+19
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SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 18 (XS-36)	SHEET 251 OF 339

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DATE/TIME =2/17/2016
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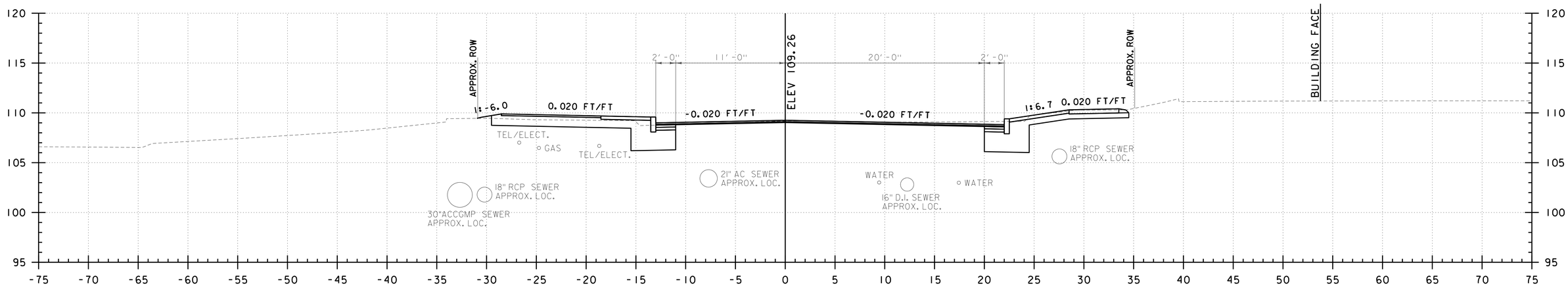
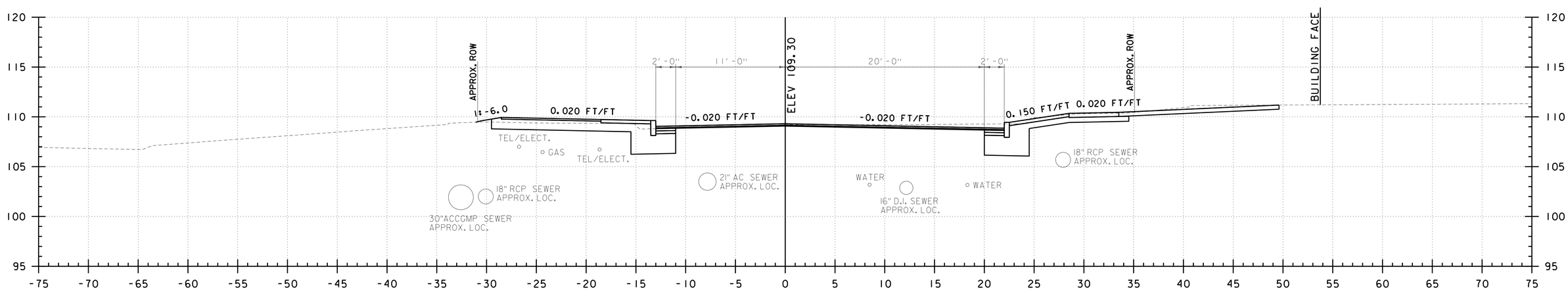


P 24+00
PINE STREET



P 23+69
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 19 (XS-37)	SHEET 252 OF 339

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DATE/TIME =2/17/2016
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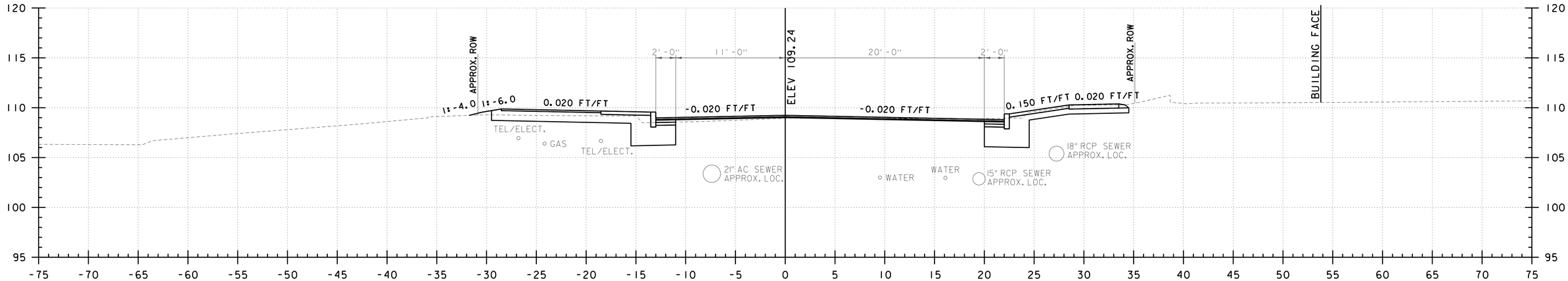

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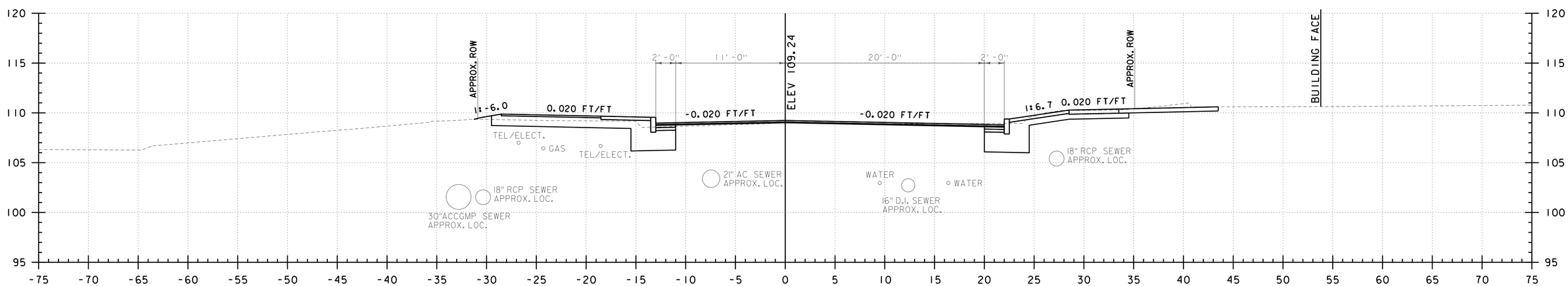

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SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 20 (XS-38)	SHEET 253 OF 339

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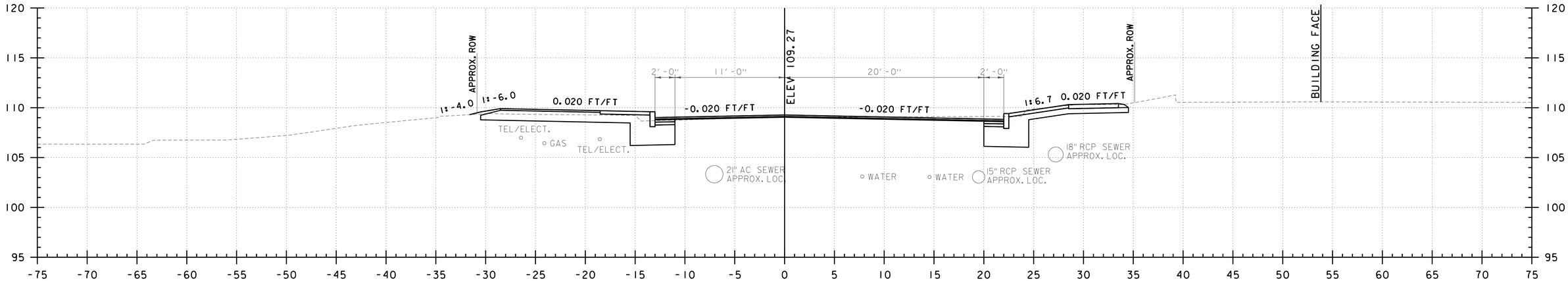

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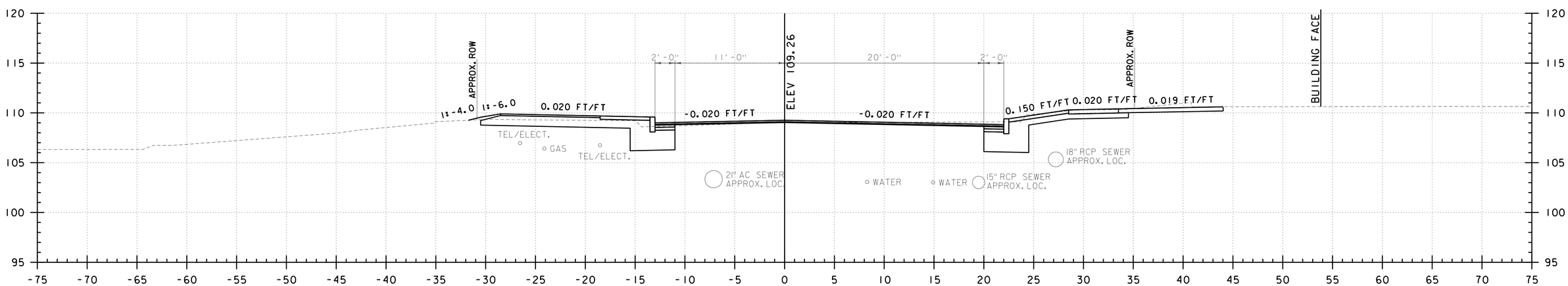

P 24+89
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 21 (XS-39)	SHEET 254 OF 339

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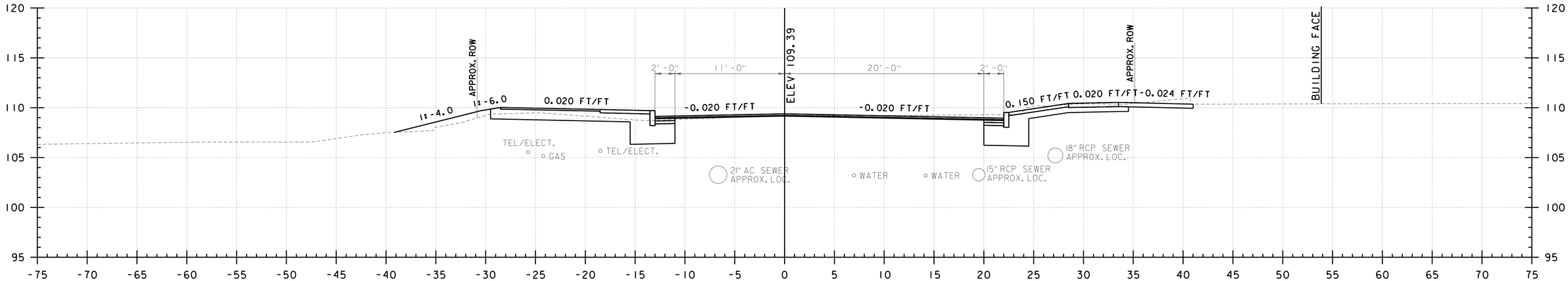

P 25+59
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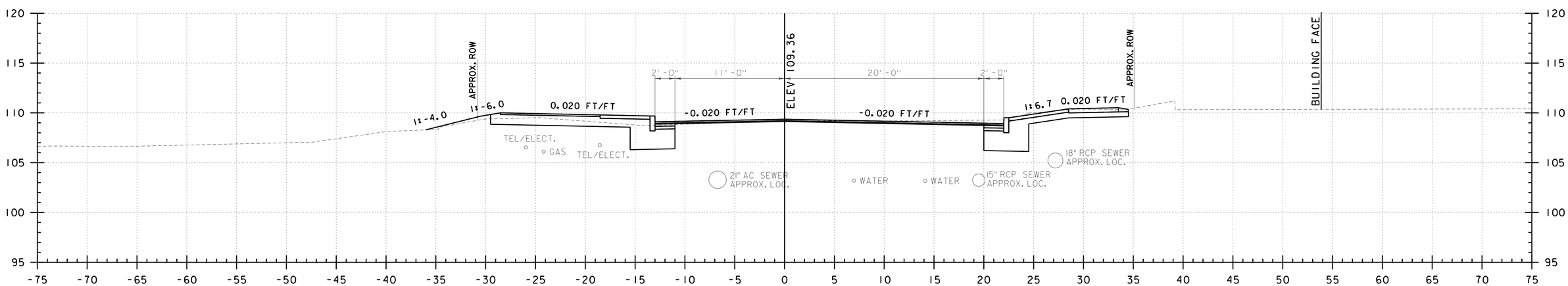

P 25+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 22 (XS-40)	SHEET 255 OF 339

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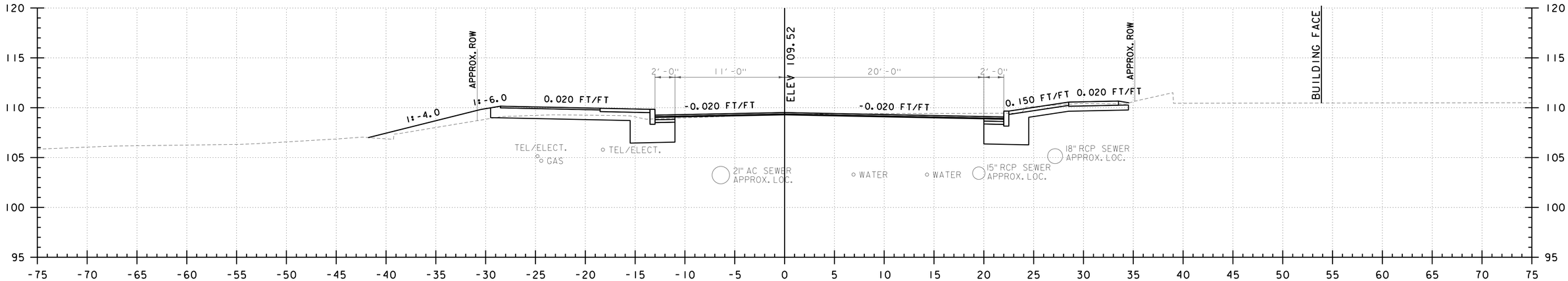

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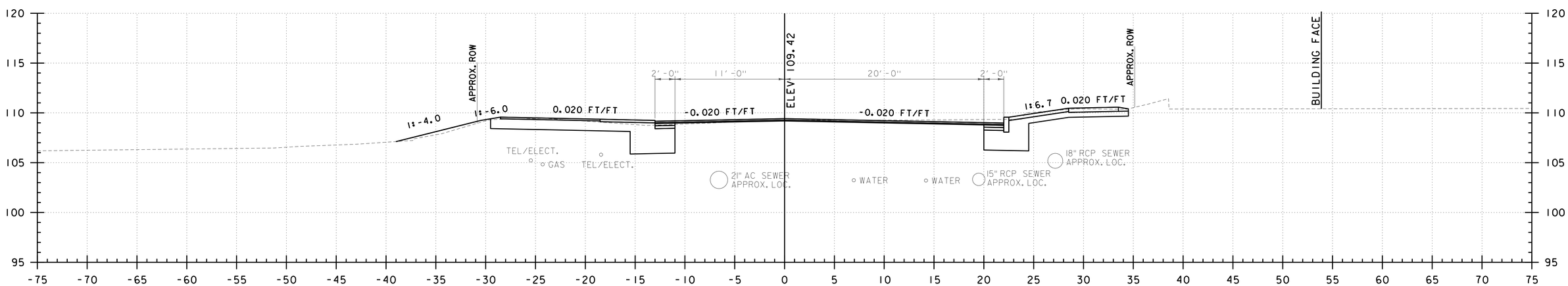

P 25+71
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 23 (XS-41)	SHEET 256 OF 339

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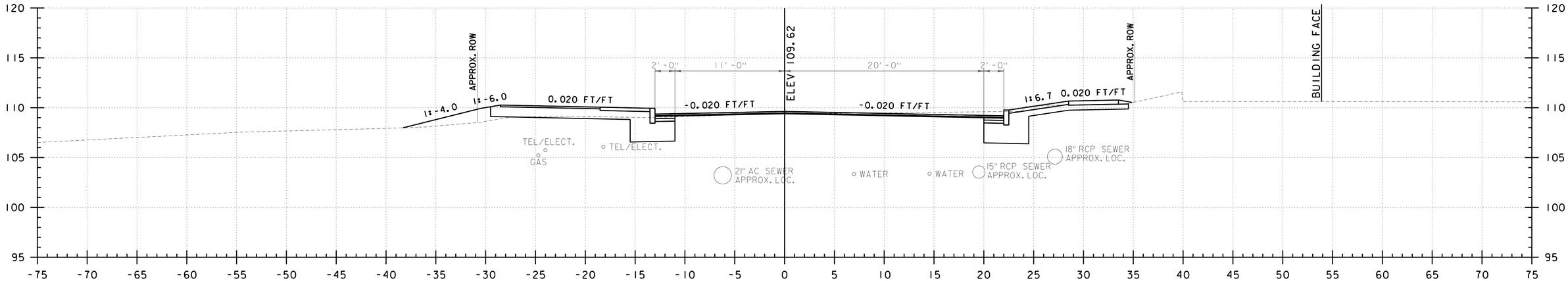

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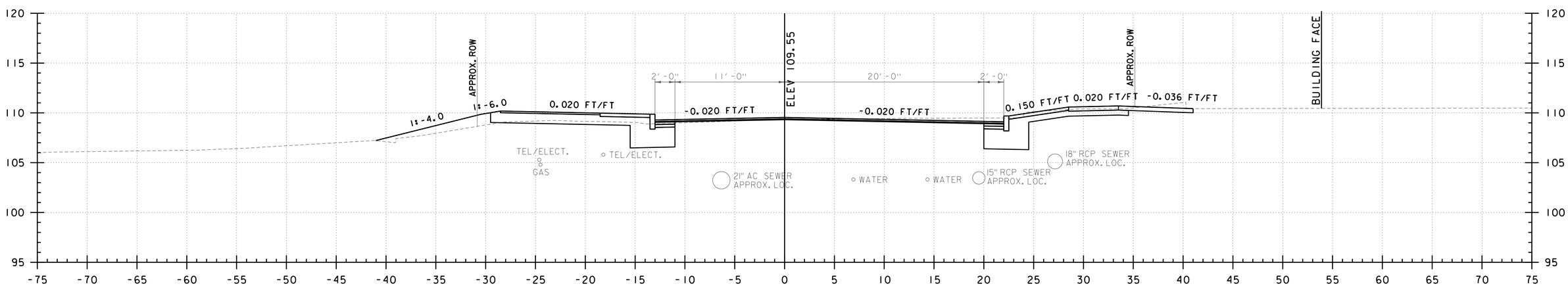

P 26+08
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 24 (XS-42)	SHEET 257 OF 339

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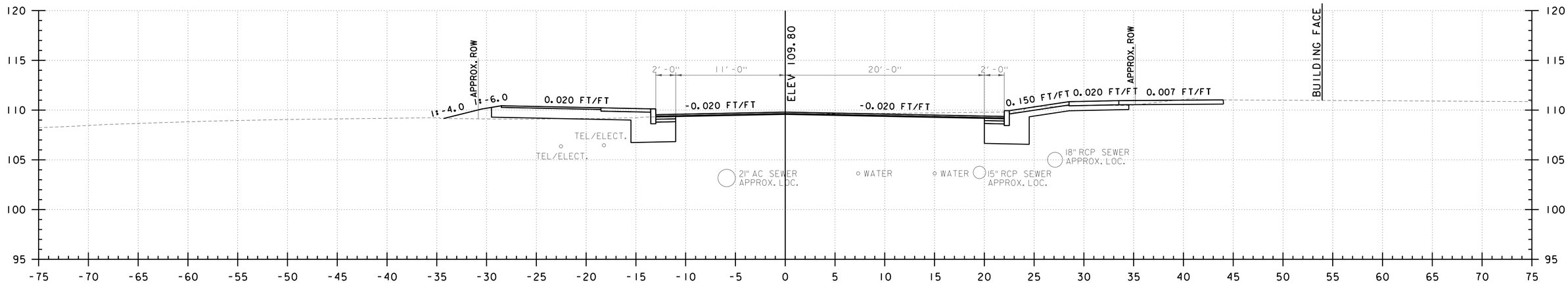

P 26+79
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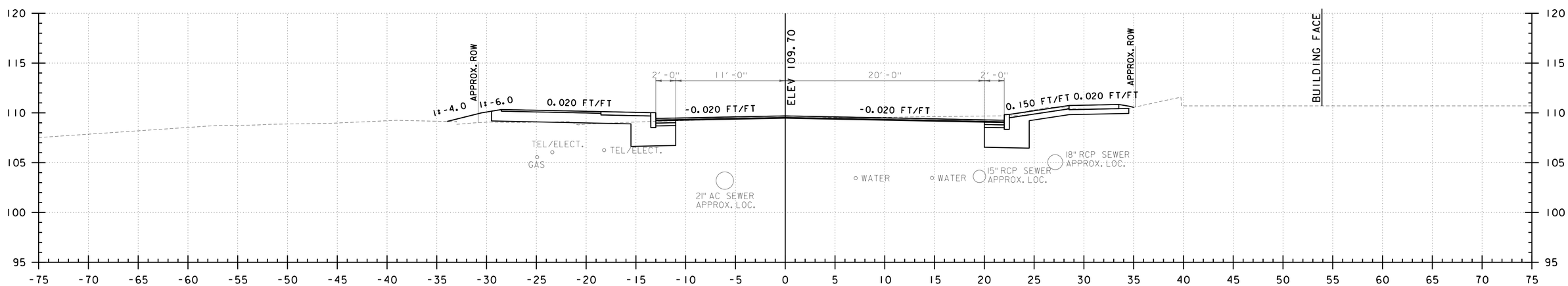

P 26+50
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SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 25 (XS-43)	SHEET 258 OF 339

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DATE/TIME =2/17/2016
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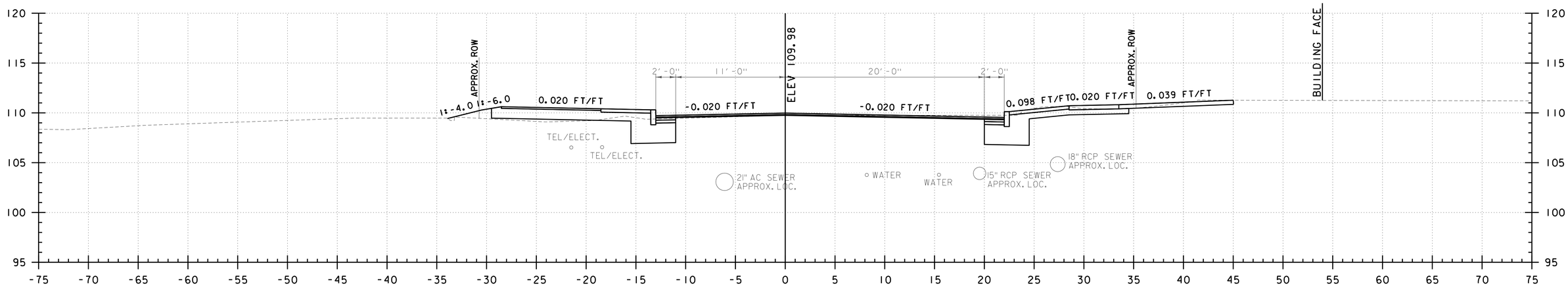

P 27+29
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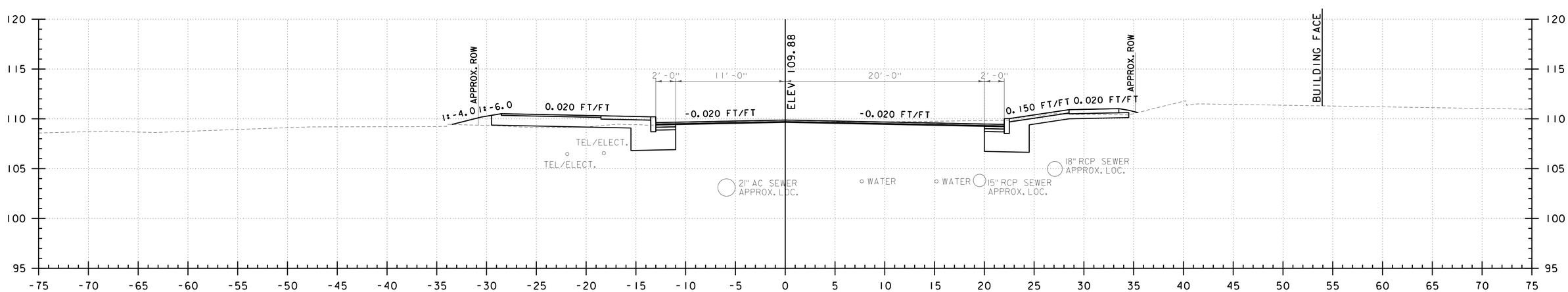

P 27+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 26 (XS-44)	SHEET 259 OF 339

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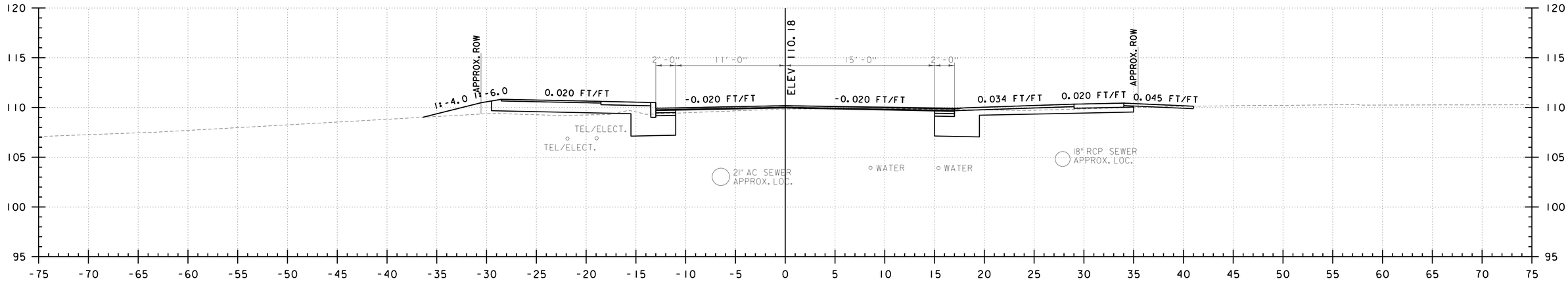
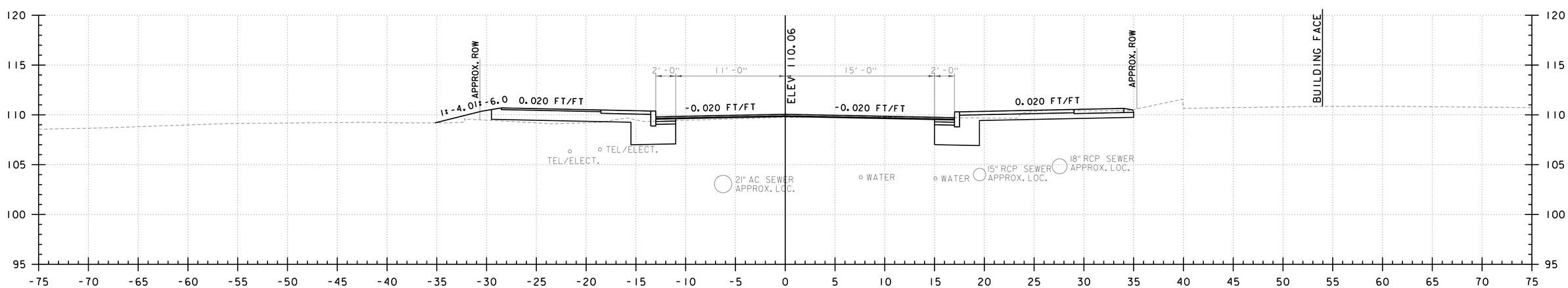


P 27+84
PINE STREET



P 27+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 27 (XS-45)	SHEET 260 OF 339

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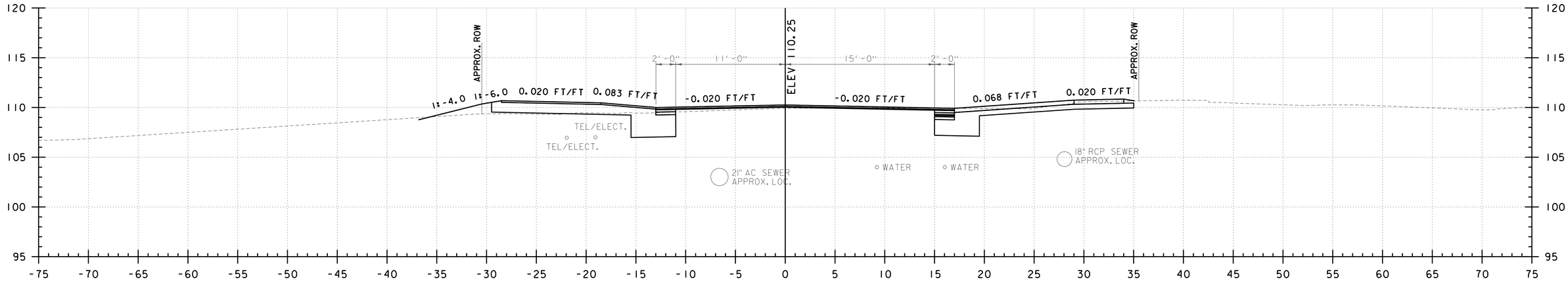
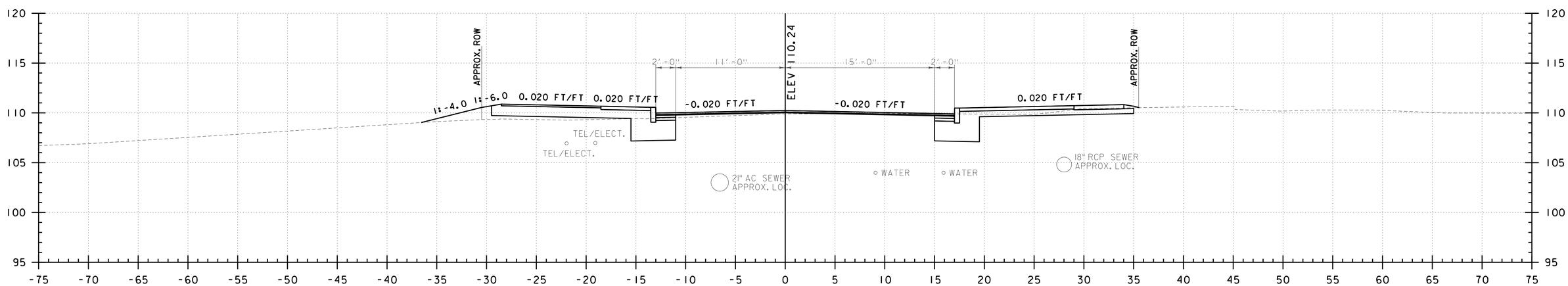
DATE/TIME =2/17/2016
USER =4916



P 28+04
PINE STREET



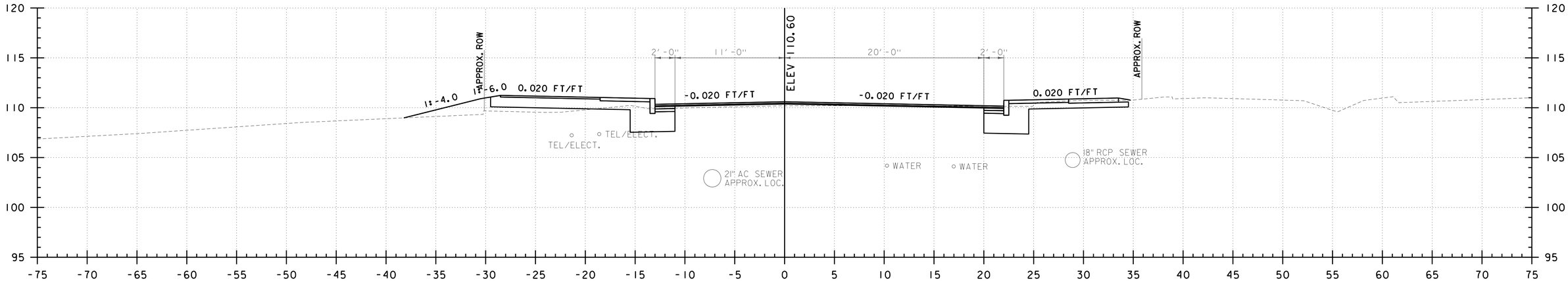
P 28+00
PINE STREET

0 5 10
SCALE IN FEET

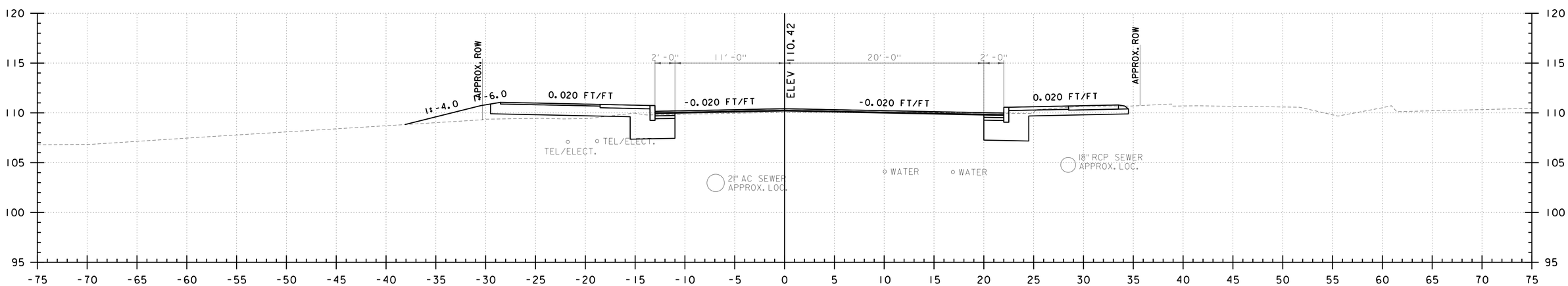
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 28 (XS-46)	SHEET 261 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 29+00
PINE STREET



P 28+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 29 (XS-47)	SHEET 262 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
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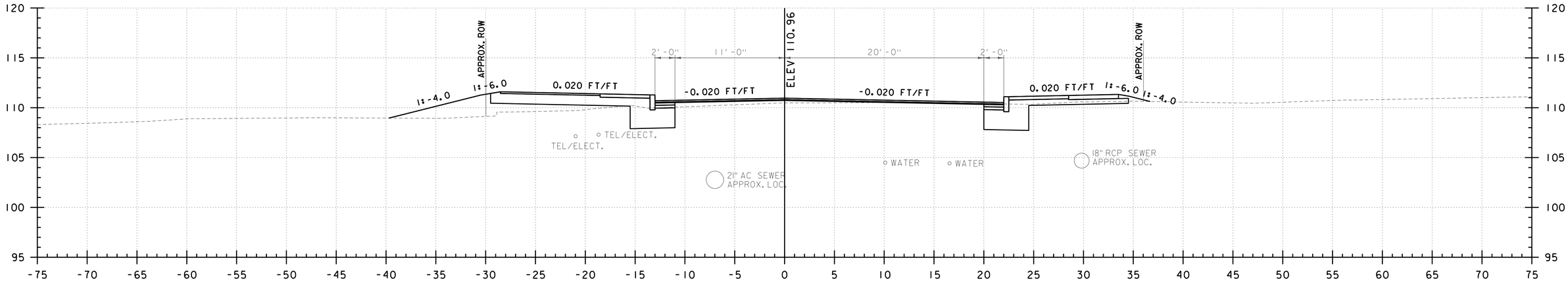
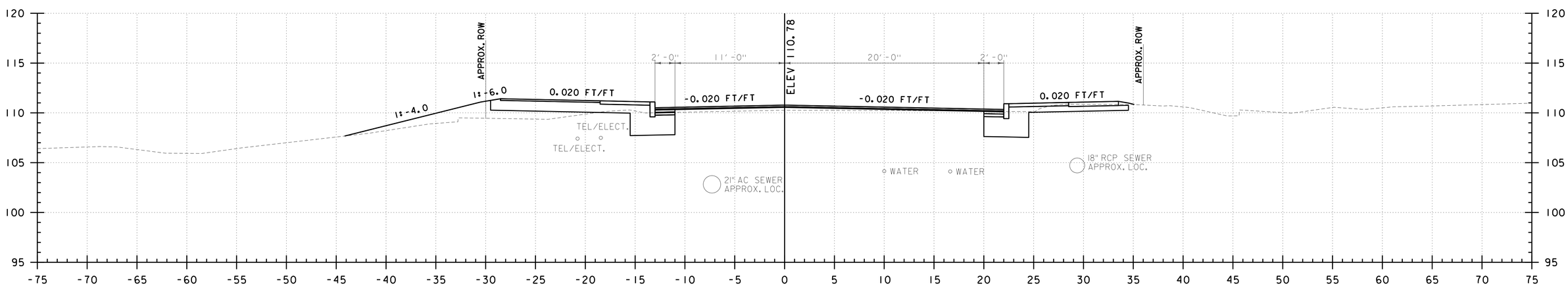
USER =4916



P 30+00
PINE STREET



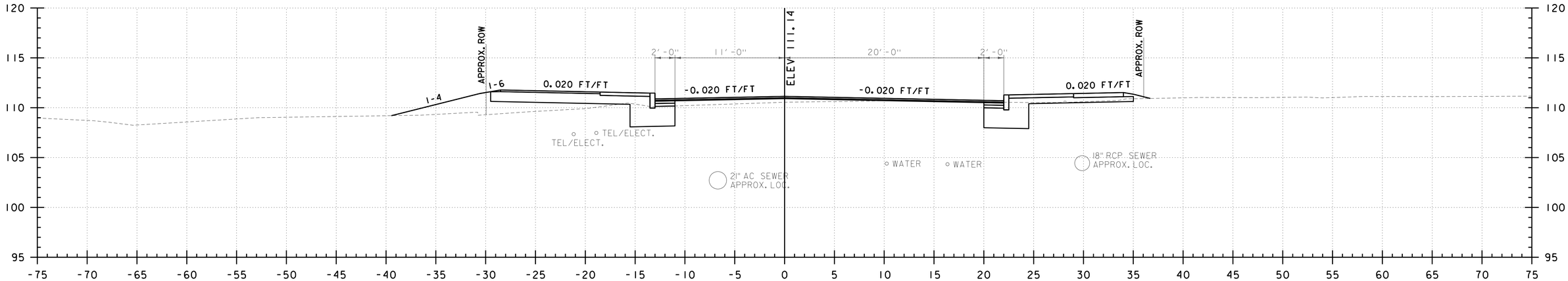
P 29+50
PINE STREET

0 5 10
SCALE IN FEET

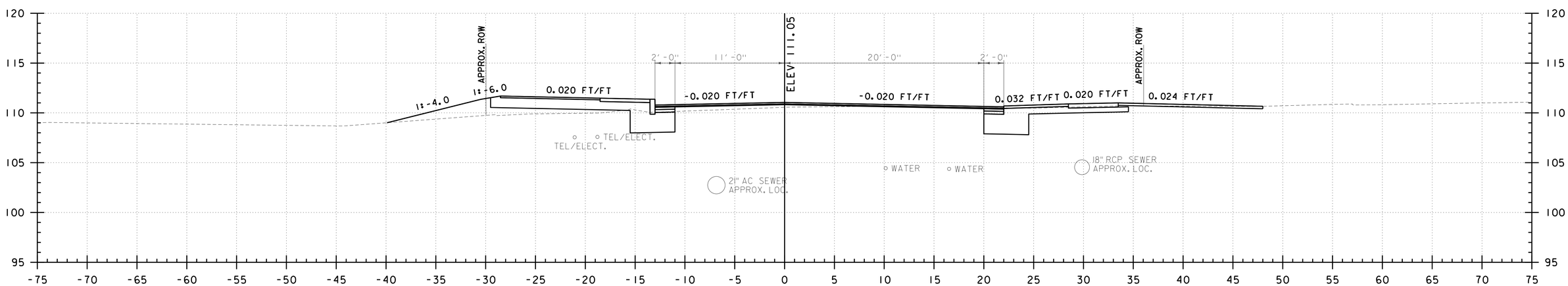
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 30 (XS-48)	SHEET 263 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 30+50
PINE STREET



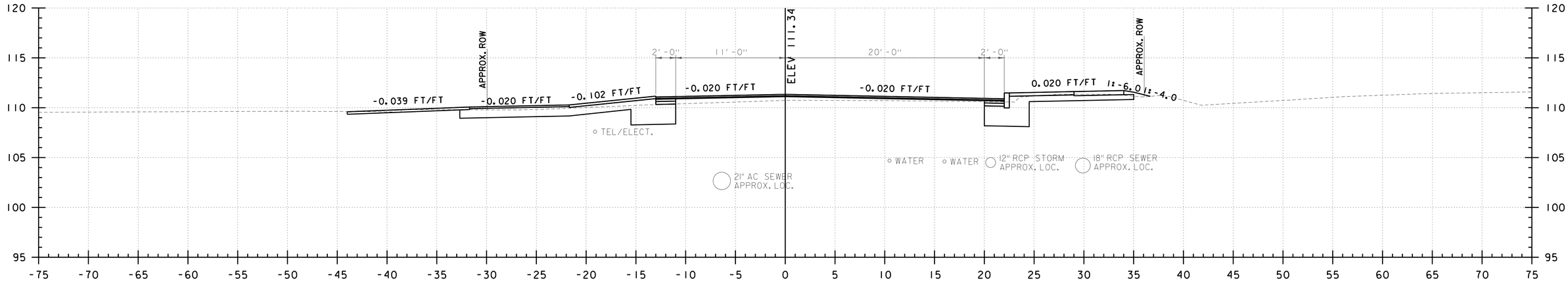
P 30+13
PINE STREET

0 5 10
SCALE IN FEET

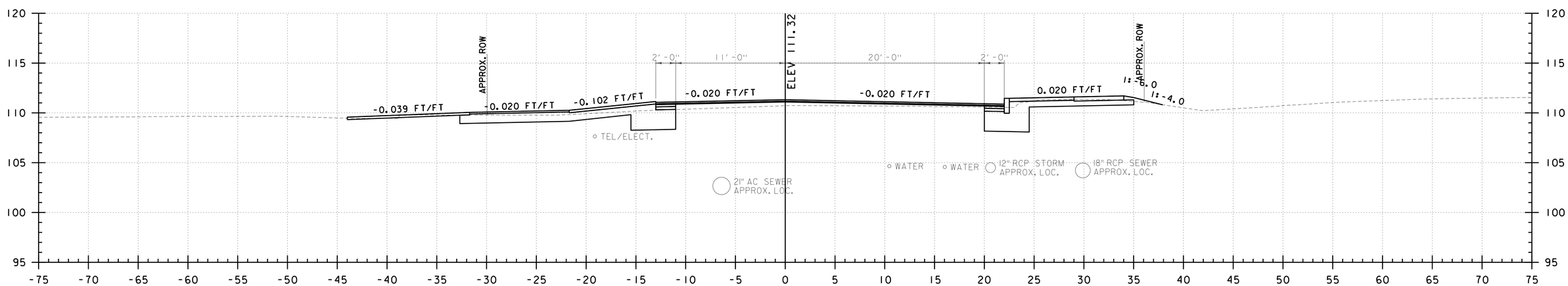
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 31 (XS-49)	SHEET 264 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 31+05
PINE STREET



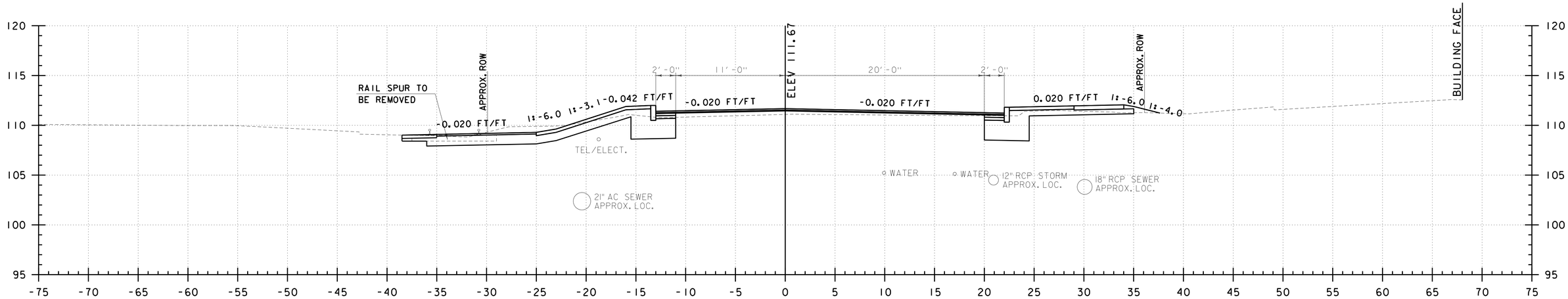
P 31+00
PINE STREET

0 5 10
SCALE IN FEET

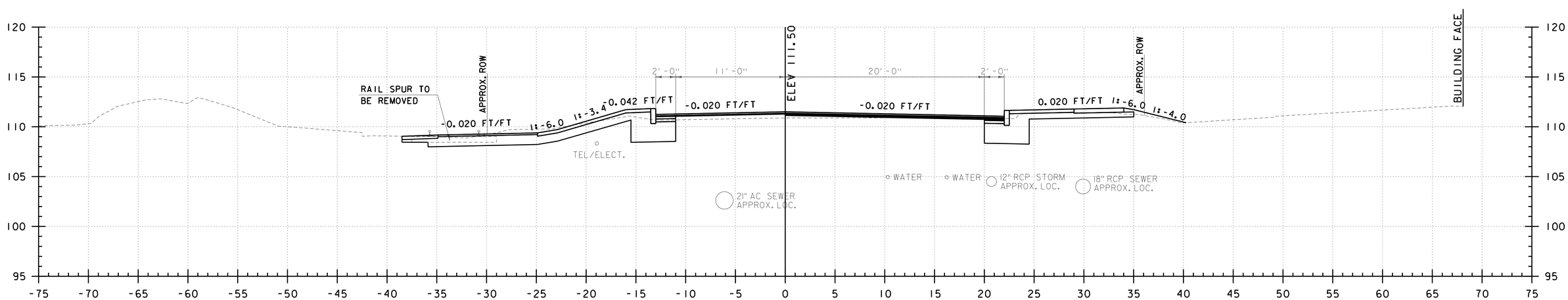
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 32 (XS-50)	SHEET 265 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 32+00
PINE STREET



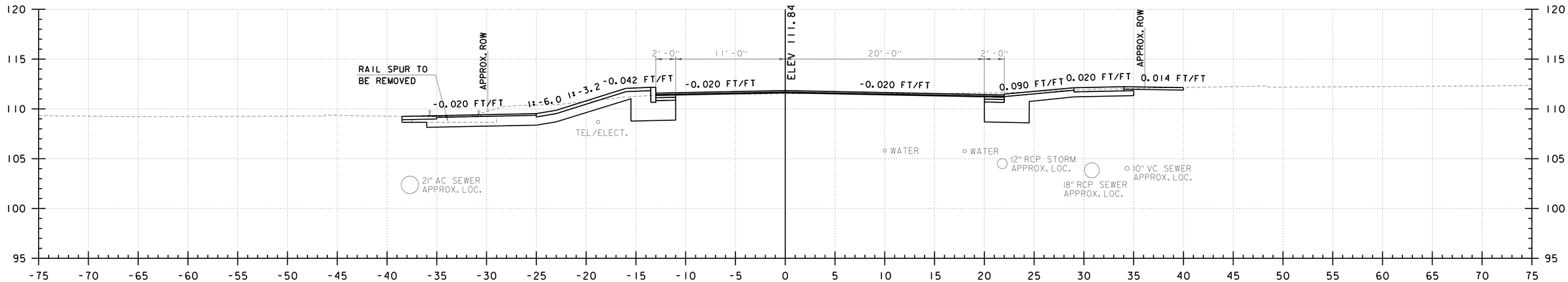
P 31+50
PINE STREET

0 5 10
SCALE IN FEET

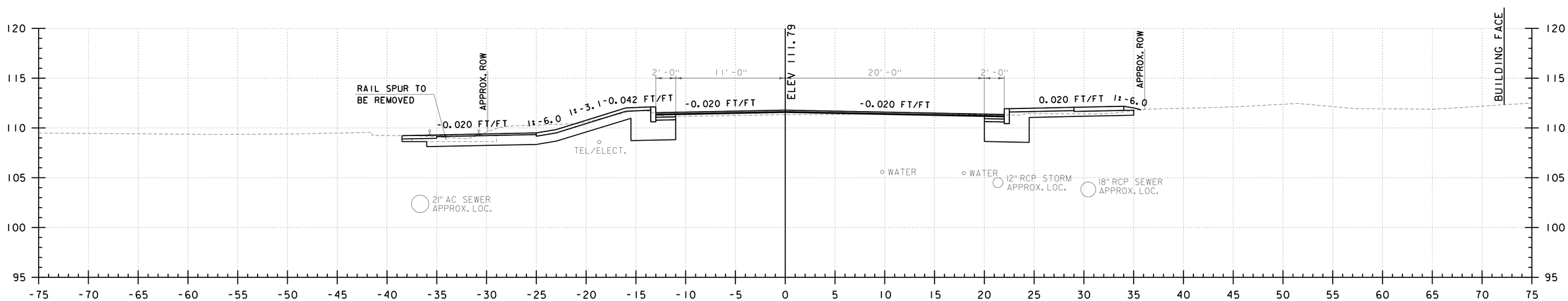
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 33 (XS-51)	SHEET 266 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 33+00
PINE STREET



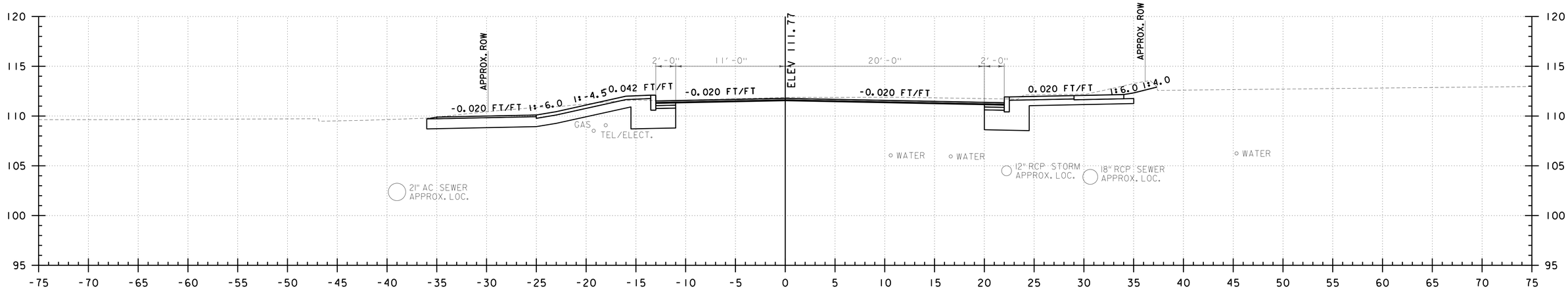
P 32+50
PINE STREET

0 5 10
SCALE IN FEET

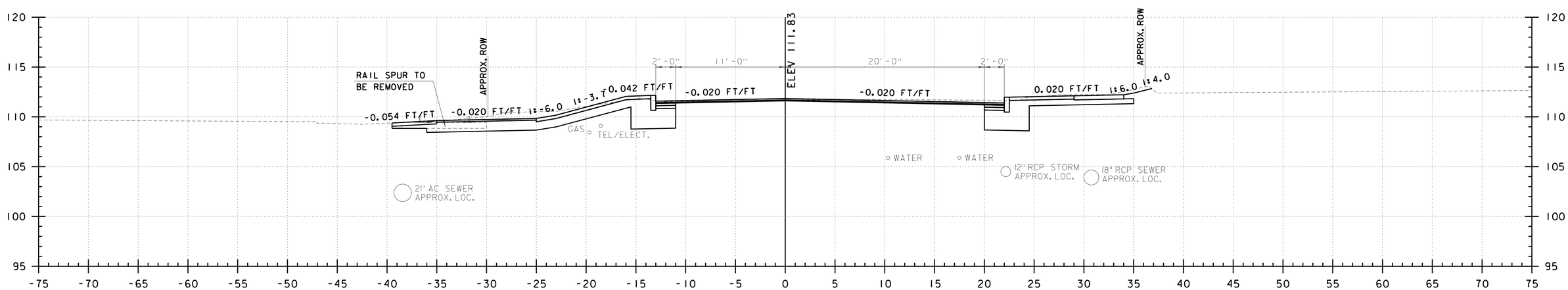
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 34 (XS-52)	SHEET 267 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 33+90
PINE STREET



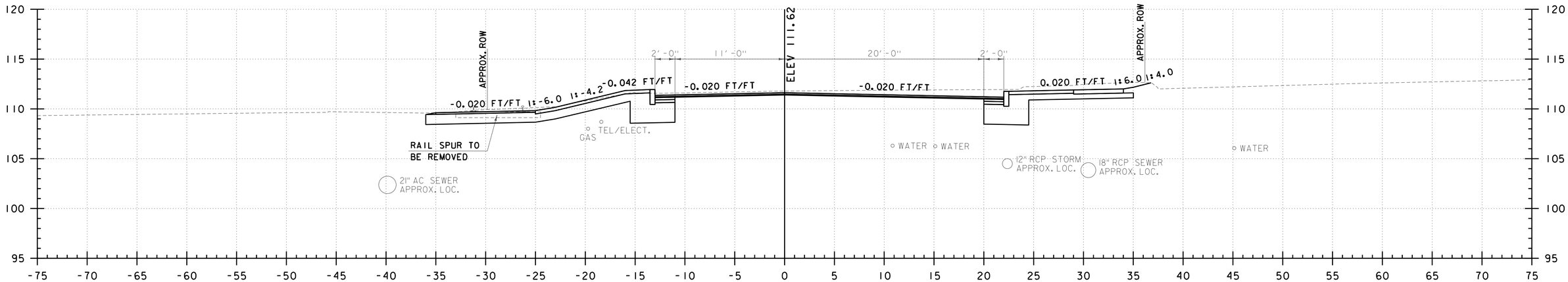
P 33+50
PINE STREET

0 5 10
SCALE IN FEET

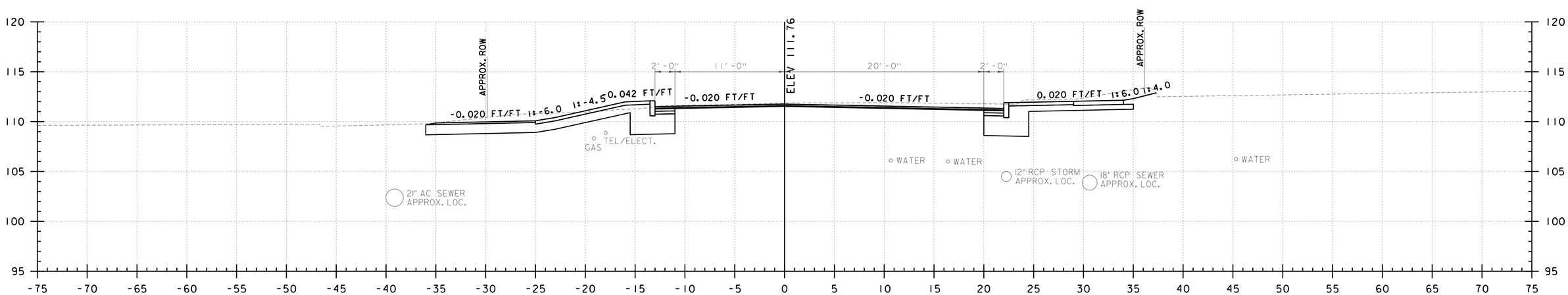
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 35 (XS-53)	SHEET 268 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 34+50
PINE STREET



P 34+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 36 (XS-54)	SHEET 269 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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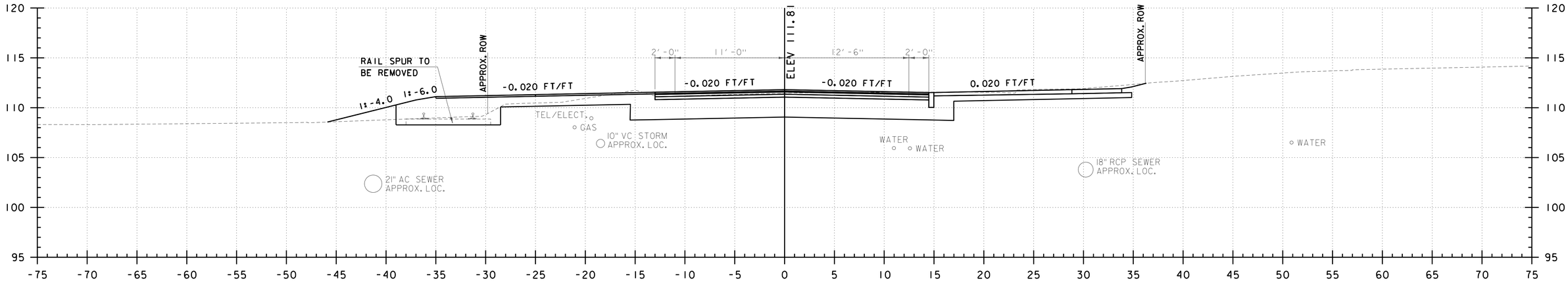
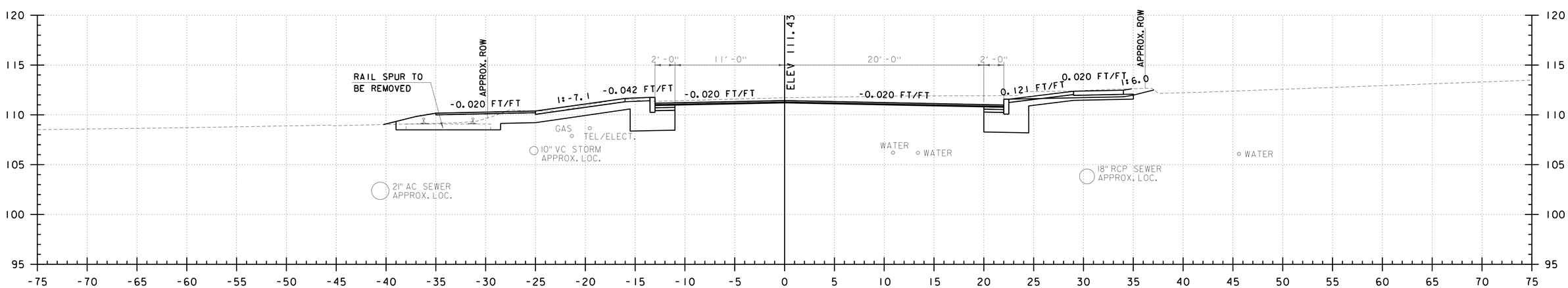


P 35+50
PINE STREET



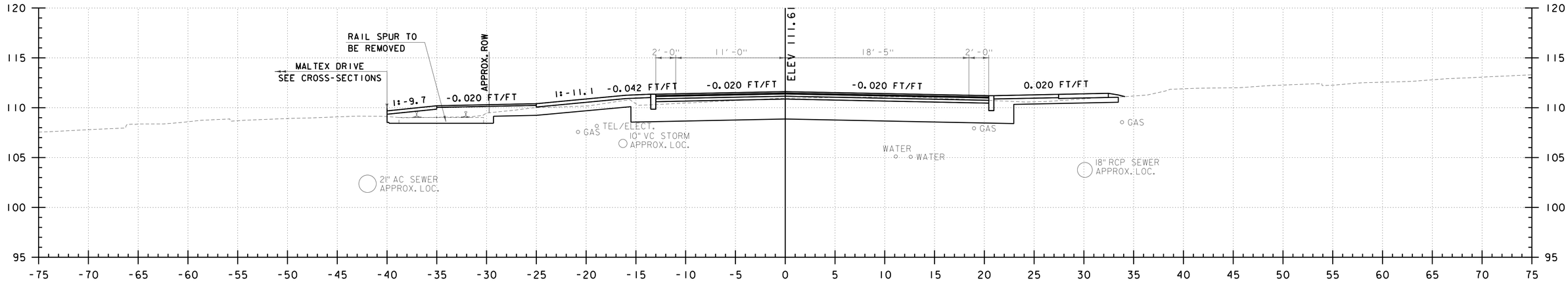
P 35+00
PINE STREET

0 5 10
SCALE IN FEET

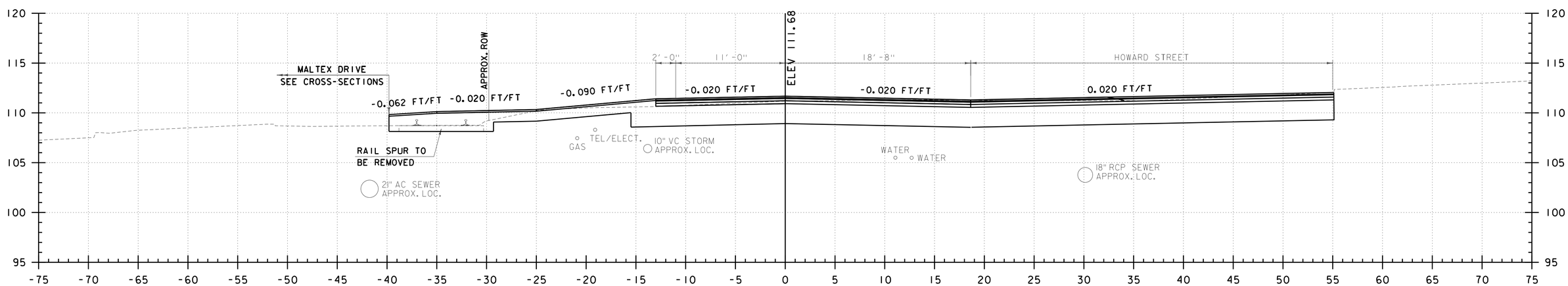
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 37 (XS-55)	SHEET 270 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 36+00
PINE STREET



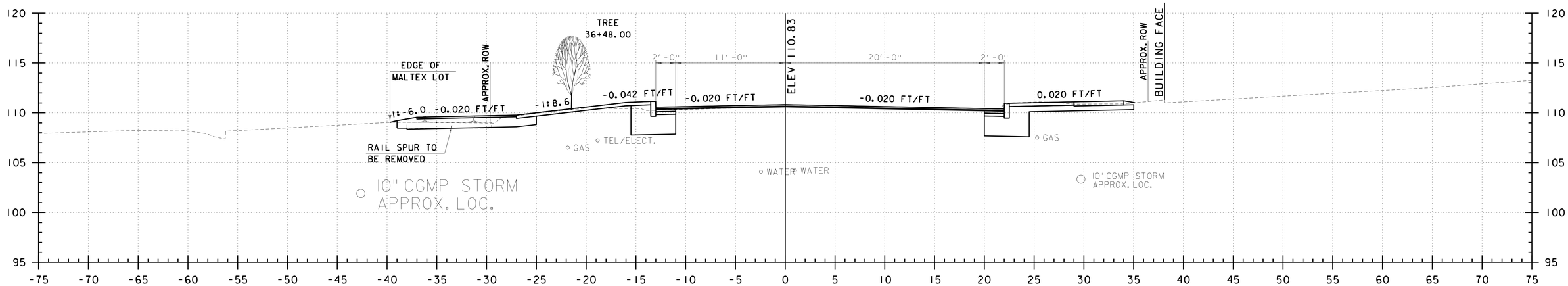
P 35+84.81
PINE STREET

0 5 10
SCALE IN FEET

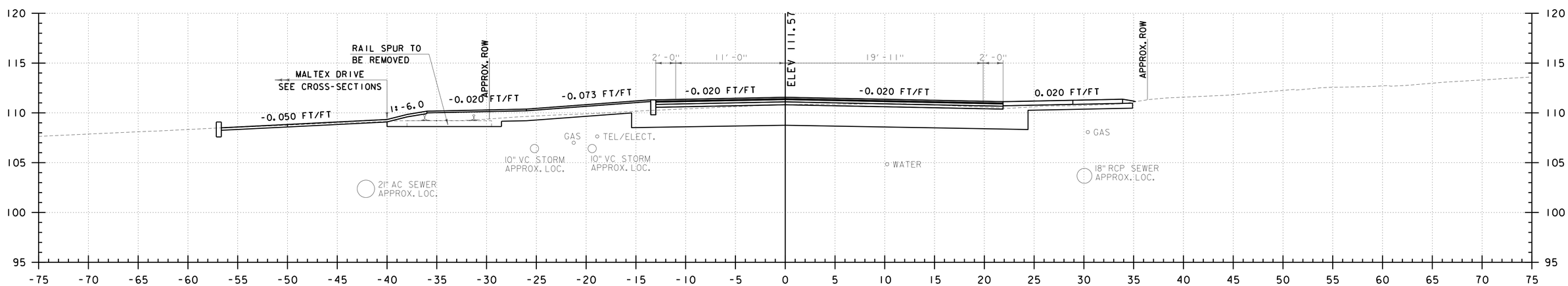
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 38 (XS-56)	SHEET 271 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 36+50
PINE STREET



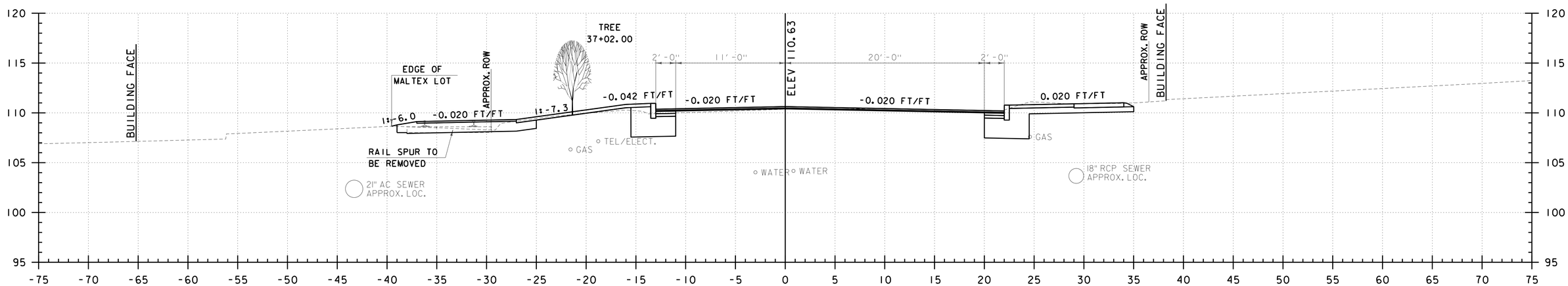
P 36+12
PINE STREET

0 5 10
SCALE IN FEET

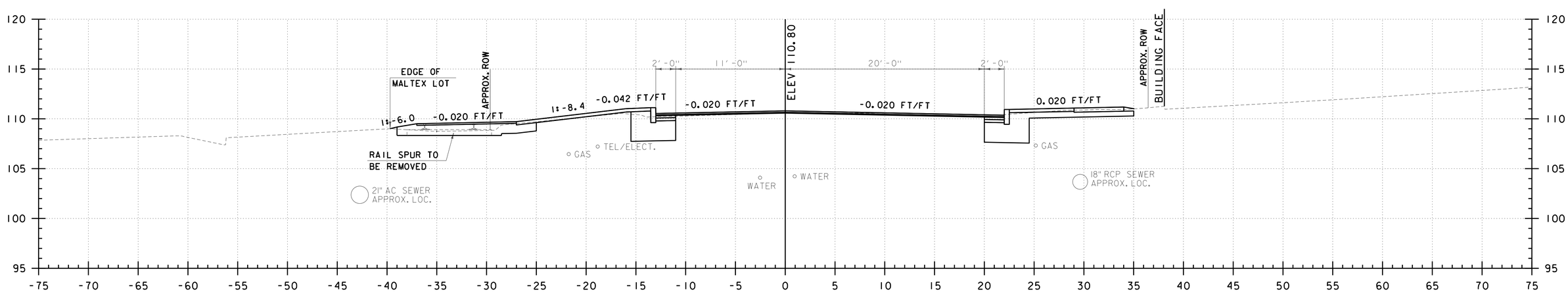
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/18/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 39 (XS-57)	SHEET 272 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/18/2016
USER =5375



P 37+00
PINE STREET



P 36+58
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 40 (XS-58)	SHEET 273 OF 339

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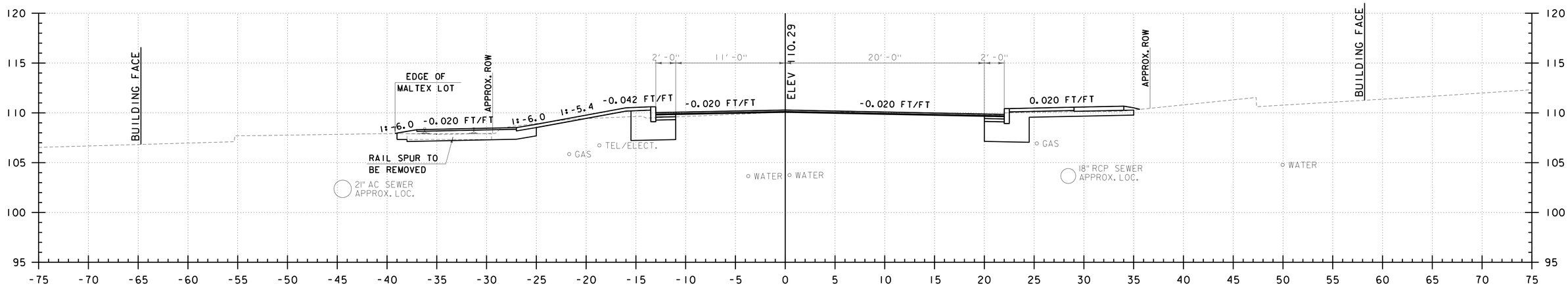
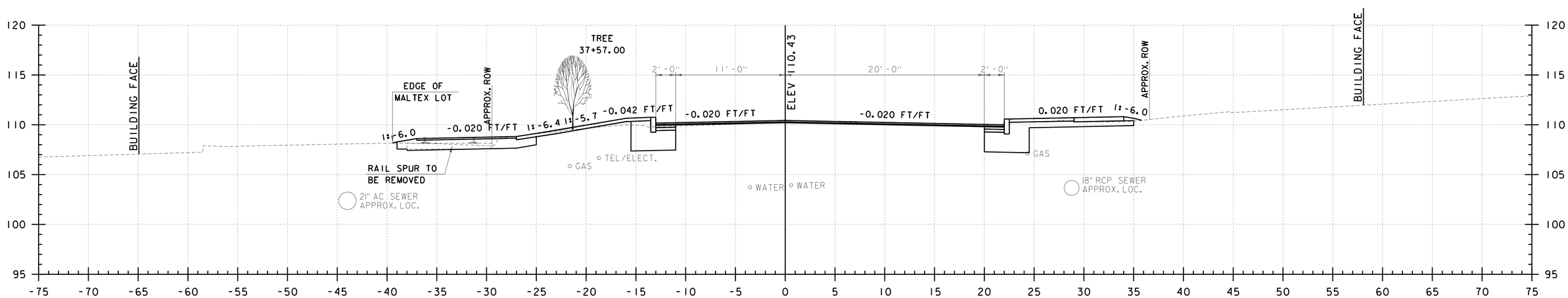
DATE/TIME =2/17/2016
USER =4916



P 37+86
PINE STREET



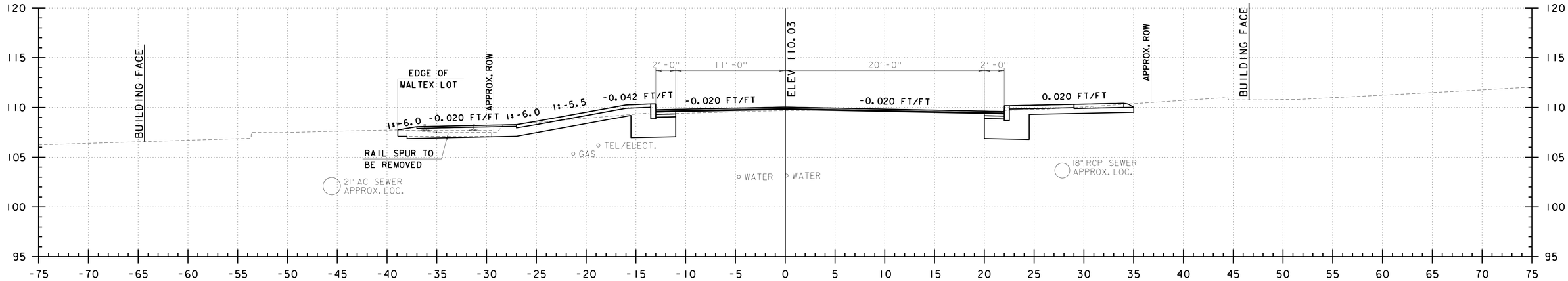
P 37+50
PINE STREET

0 5 10
SCALE IN FEET

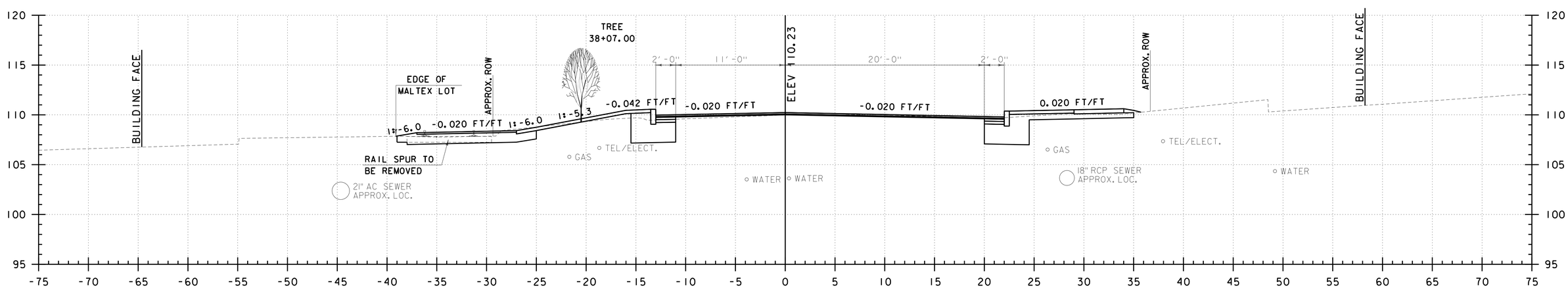
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 41 (XS-59)	SHEET 274 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 38+50
PINE STREET



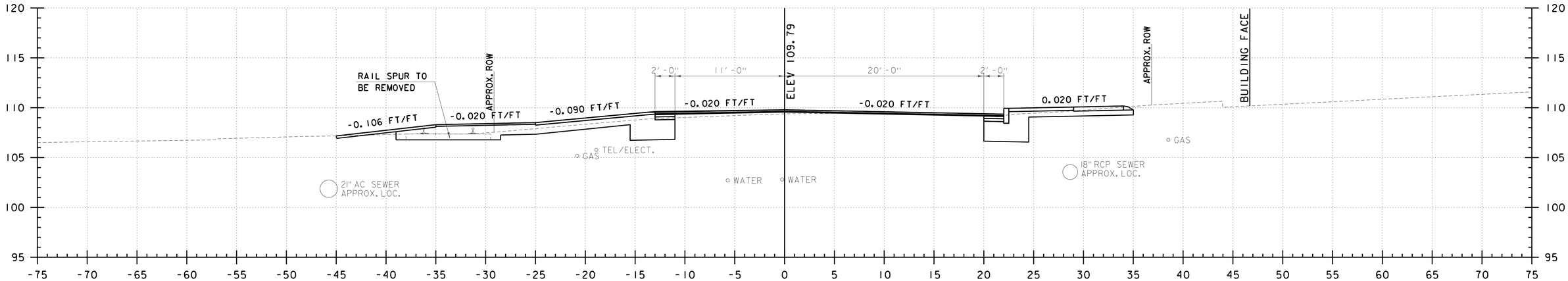
P 38+00
PINE STREET

0 5 10
SCALE IN FEET

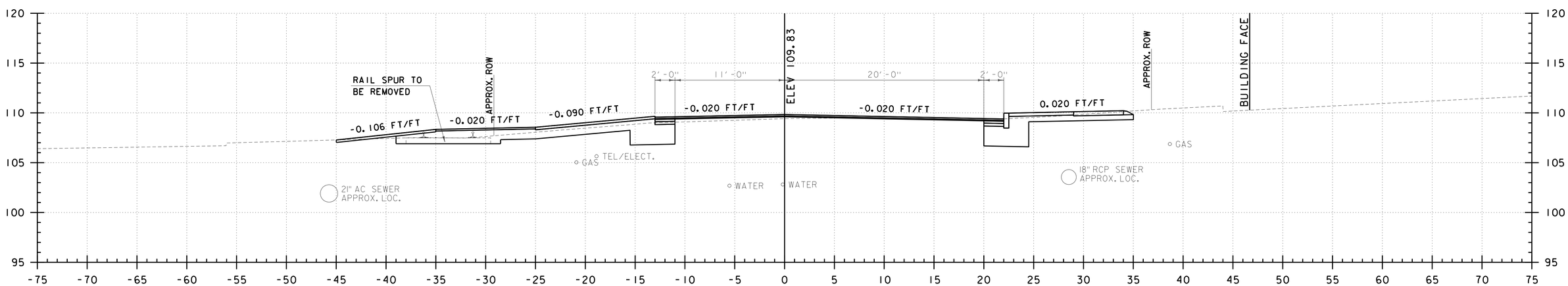
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 42 (XS-60)	SHEET 275 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 39+10
PINE STREET



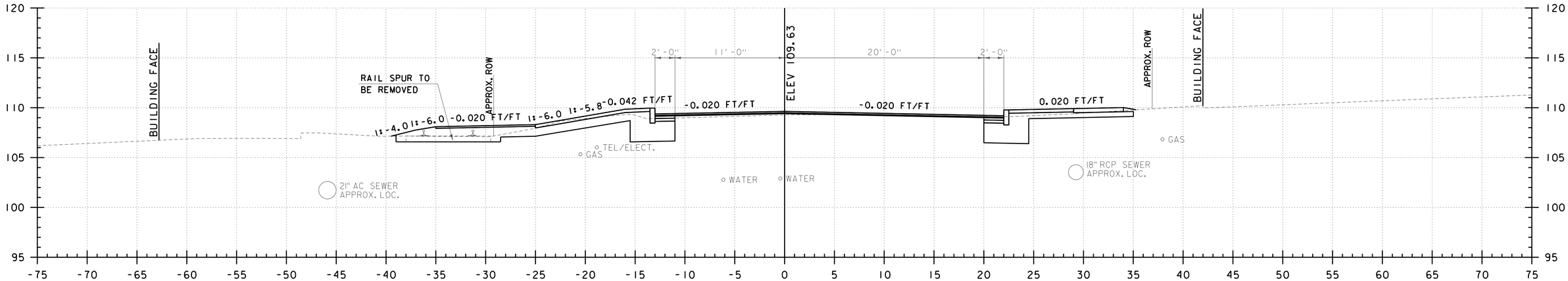
P 39+00
PINE STREET

0 5 10
SCALE IN FEET

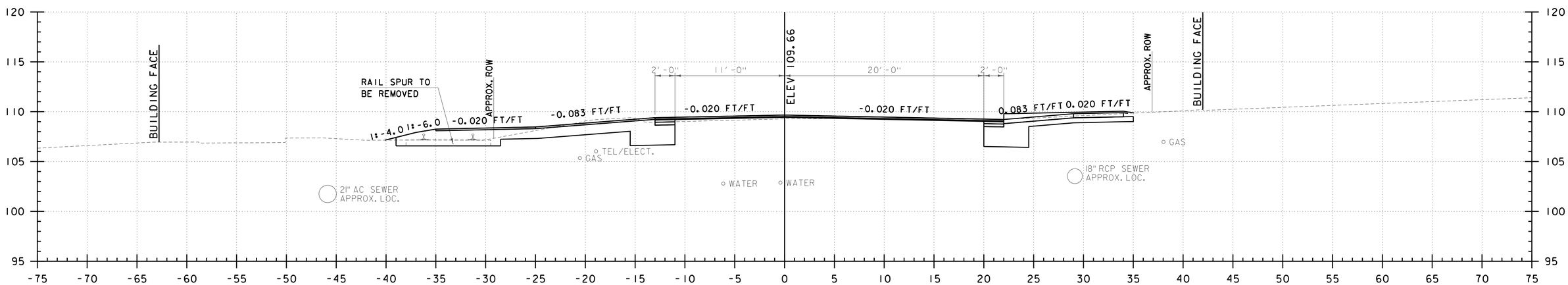
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 43 (XS-61)	SHEET 276 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 39+50
PINE STREET



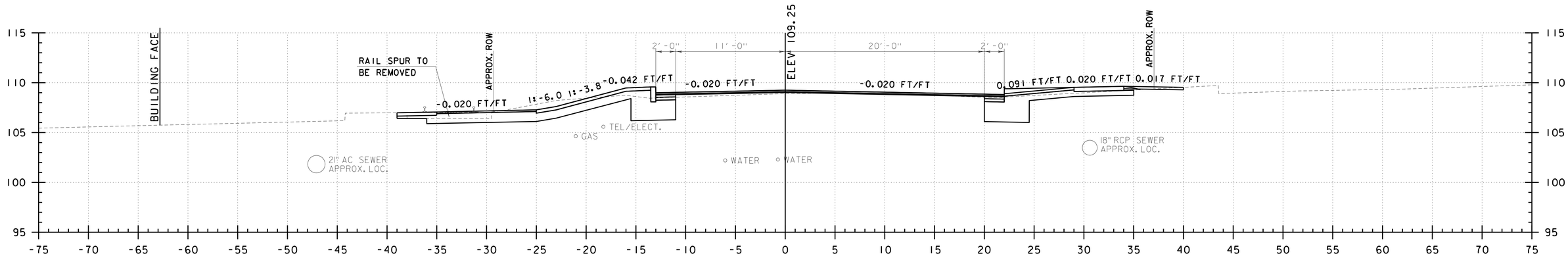
P 39+43
PINE STREET

0 5 10
SCALE IN FEET

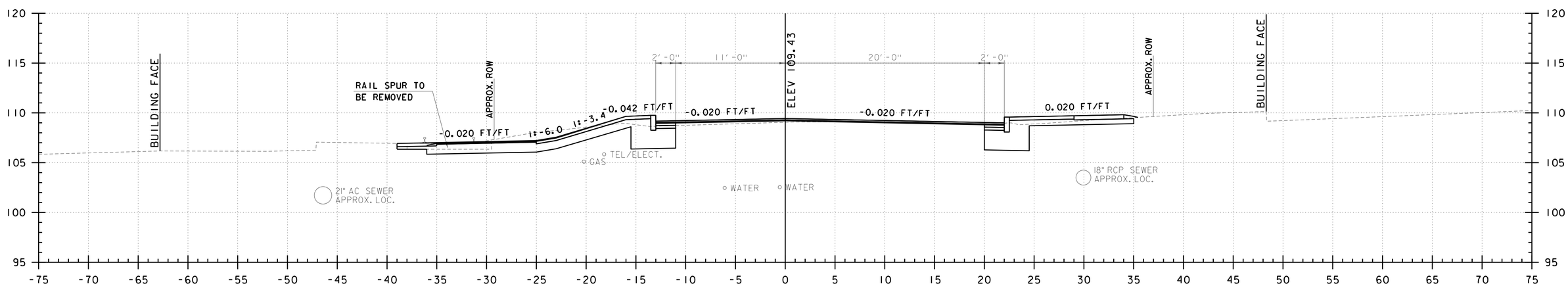
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 44 (XS-62)	SHEET 277 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 40+45
PINE STREET



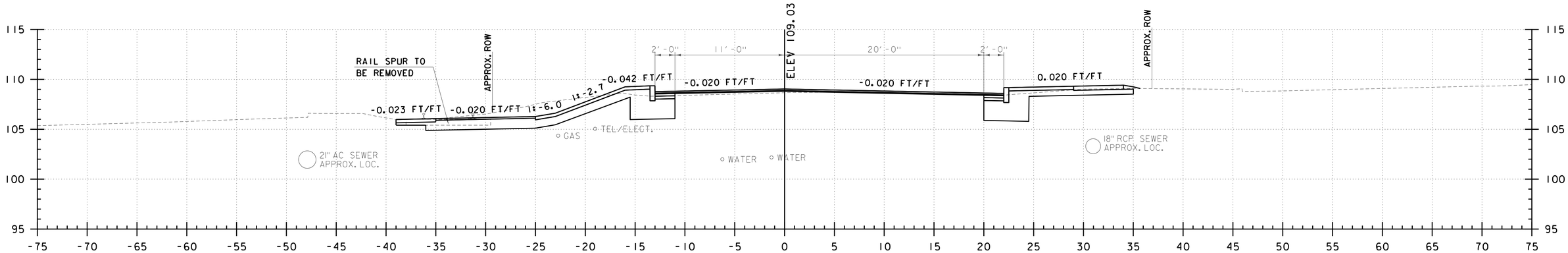
P 40+00
PINE STREET

0 5 10
SCALE IN FEET

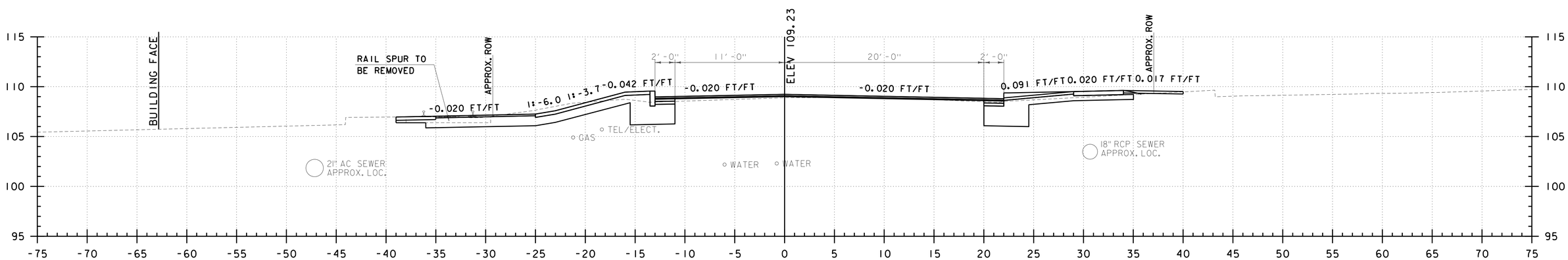
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 45 (XS-63)	SHEET 278 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 41+00
PINE STREET



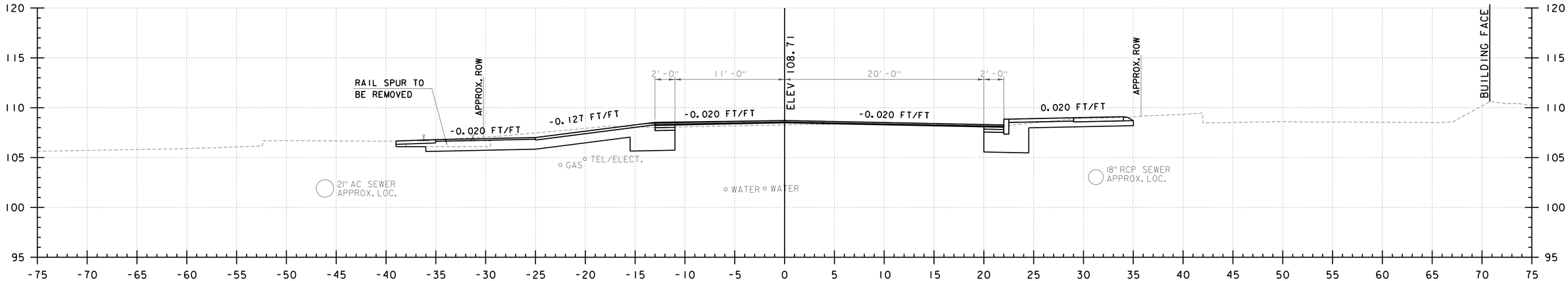
P 40+50
PINE STREET

0 5 10
SCALE IN FEET

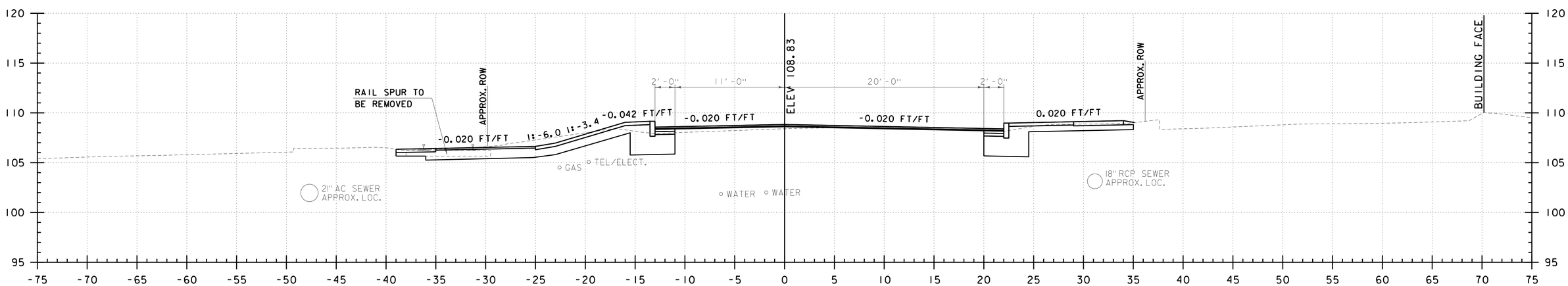
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 46 (XS-64)	SHEET 279 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 41+80
PINE STREET



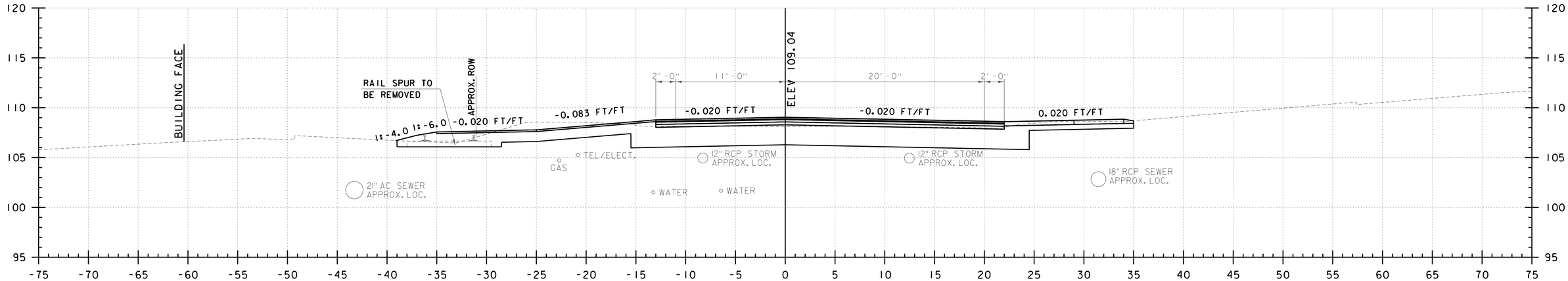
P 41+50
PINE STREET

0 5 10
SCALE IN FEET

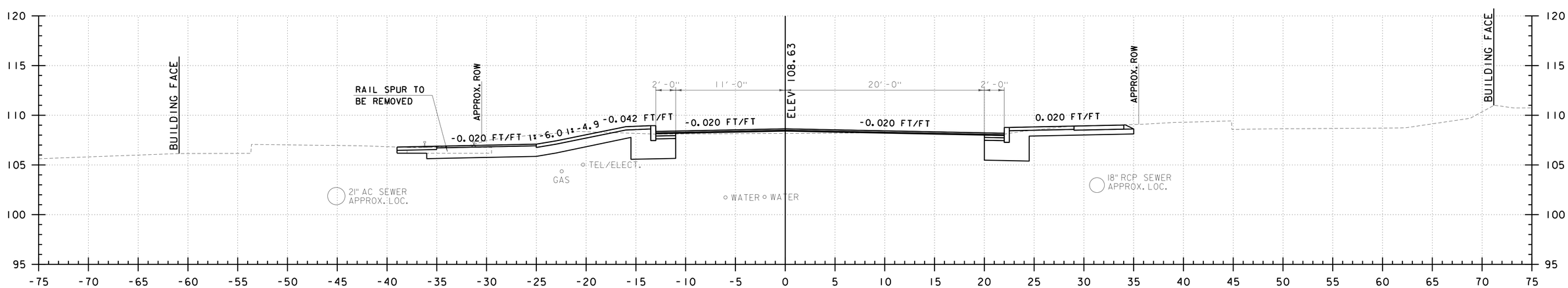
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 47 (XS-65)	SHEET 280 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 42+41
PINE STREET



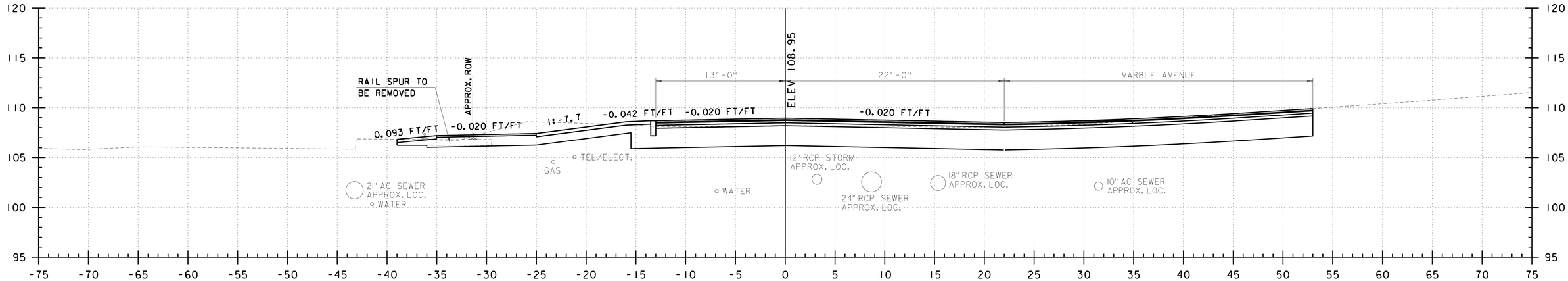
P 42+00
PINE STREET

0 5 10
SCALE IN FEET

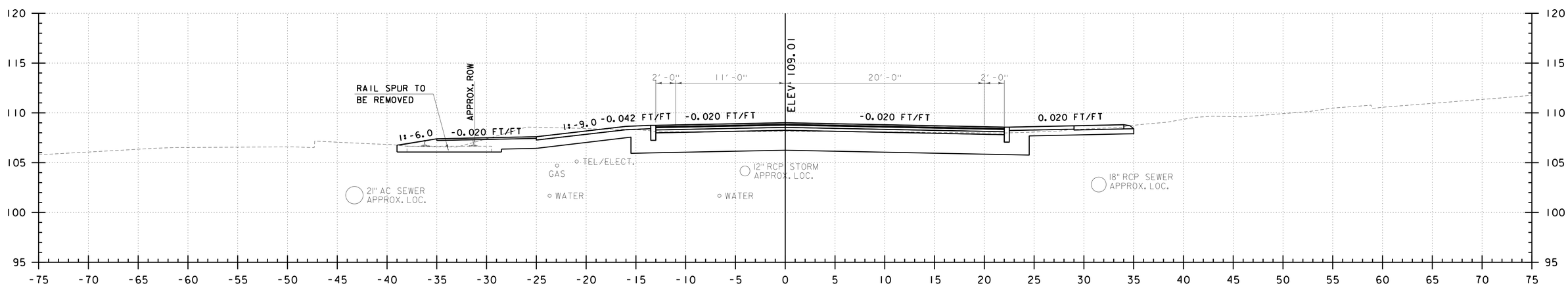
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 48 (XS-66)	SHEET 281 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 42+65.38
PINE STREET



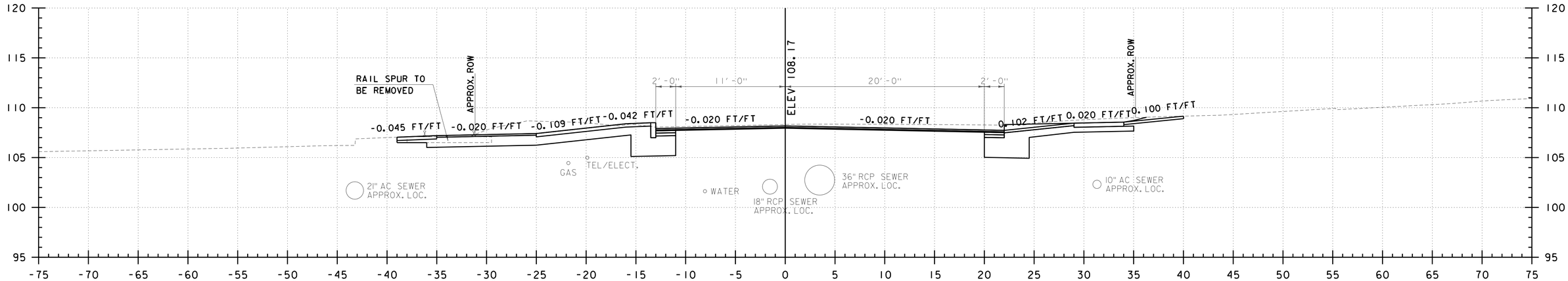
P 42+50
PINE STREET

0 5 10
SCALE IN FEET

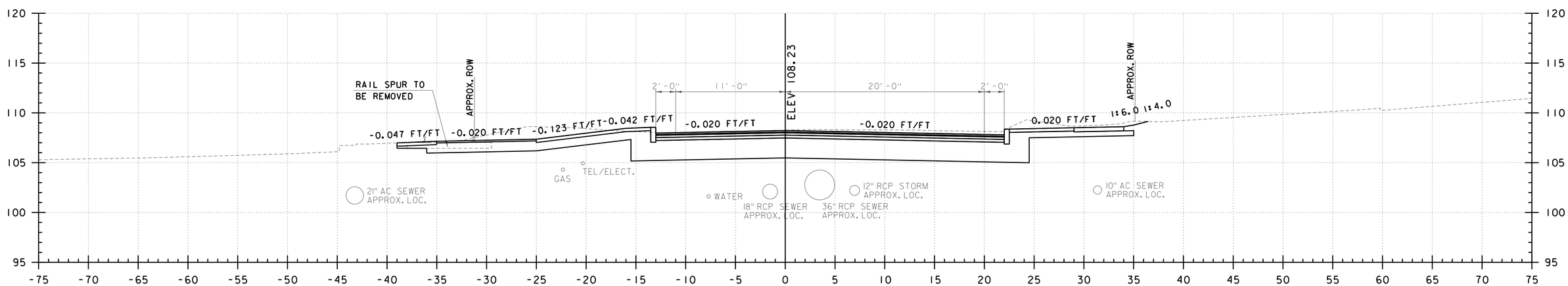
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 49 (XS-67)	SHEET 282 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 43+15
PINE STREET



P 43+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 50 (XS-68)	SHEET 283 OF 339

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DATE/TIME =2/17/2016
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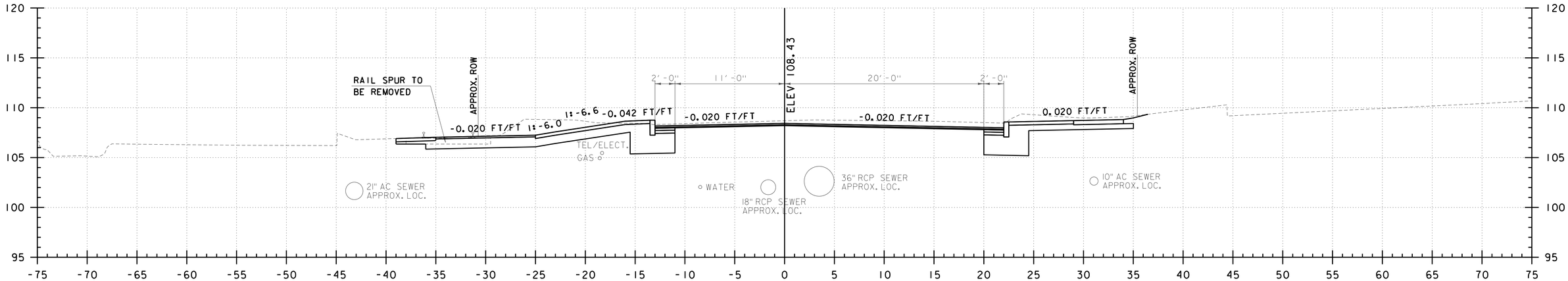
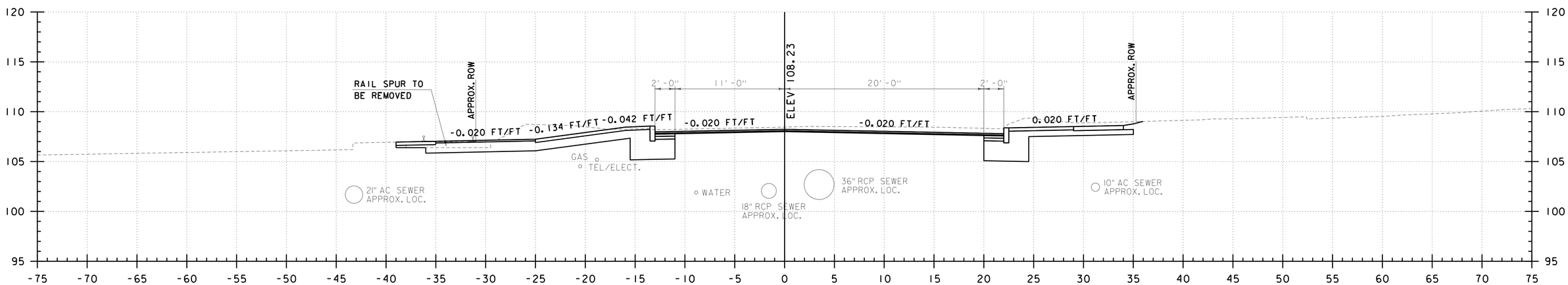


P 44+00
PINE STREET



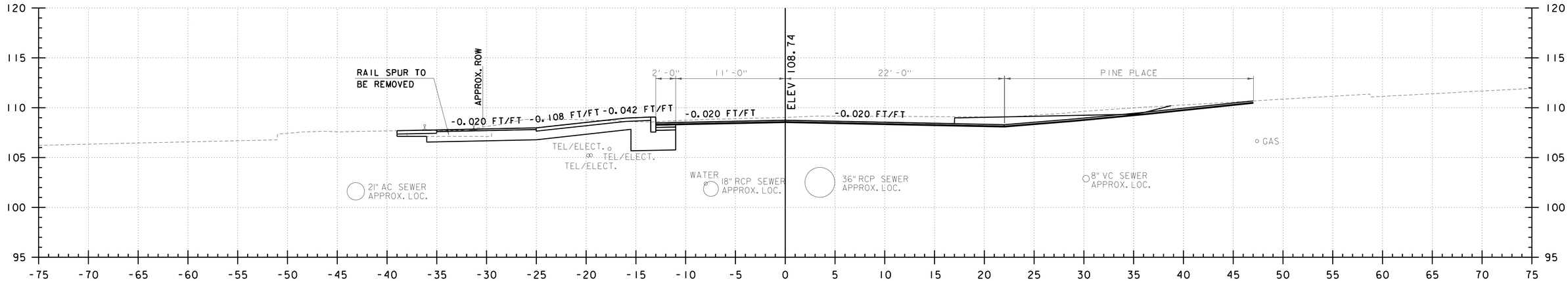
P 43+50
PINE STREET

0 5 10
SCALE IN FEET

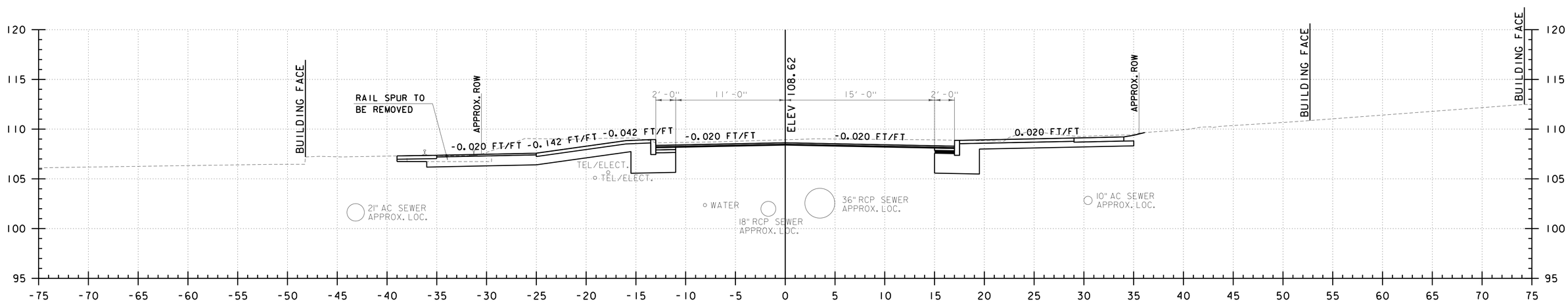
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 51 (XS-69)	SHEET 284 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 44+79.35
PINE STREET



P 44+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 52 (XS-70)	SHEET 285 OF 339

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DATE/TIME =2/17/2016
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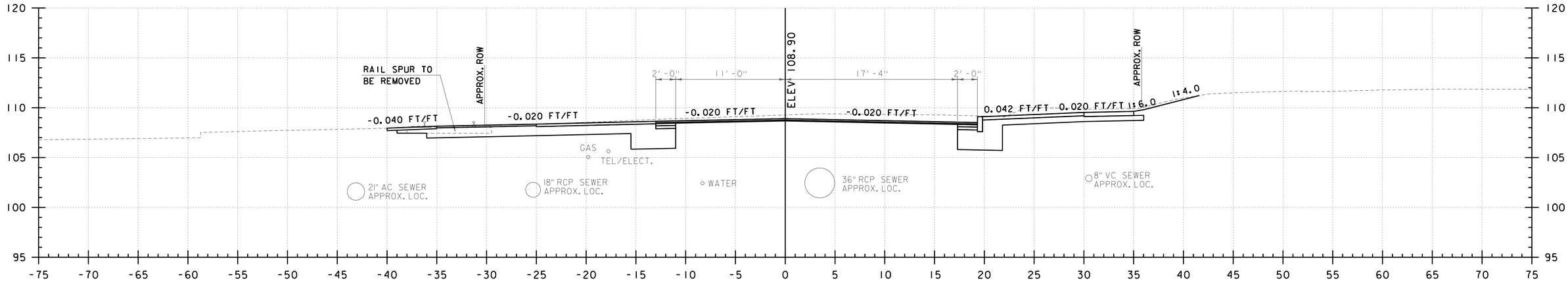
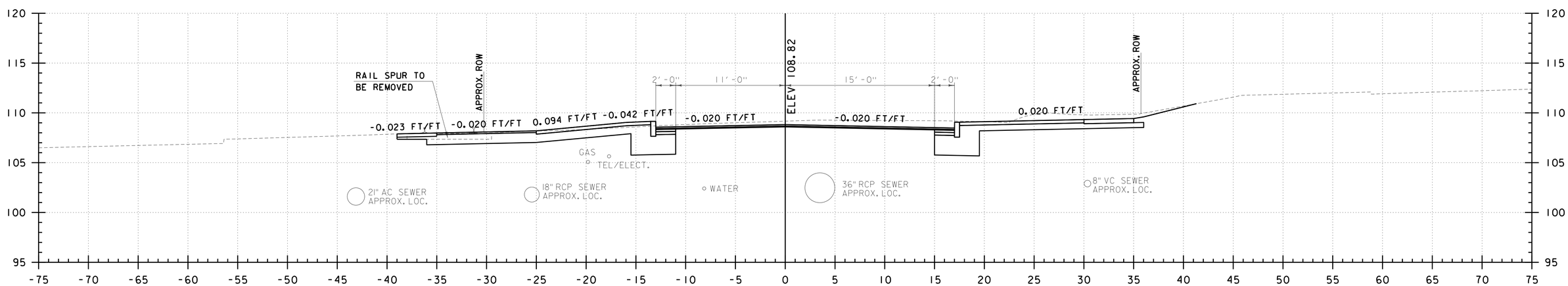


P 45+20
PINE STREET



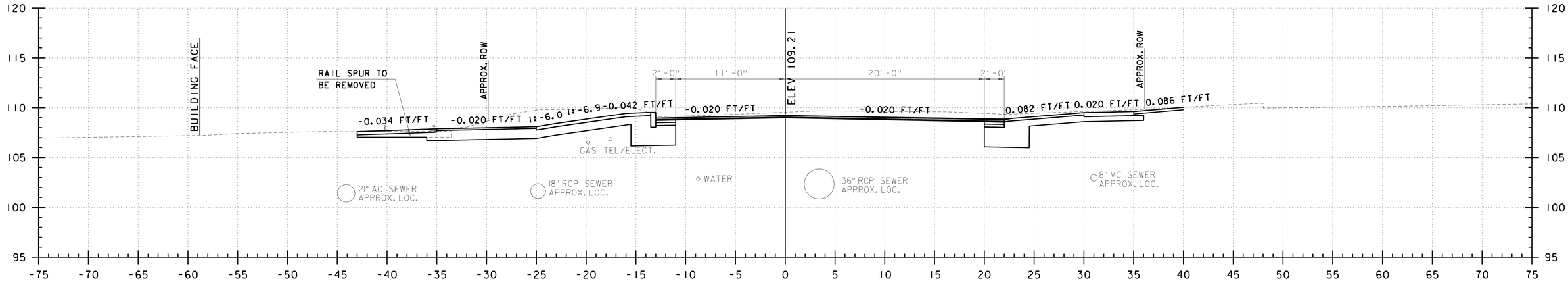
P 45+00
PINE STREET

0 5 10
SCALE IN FEET

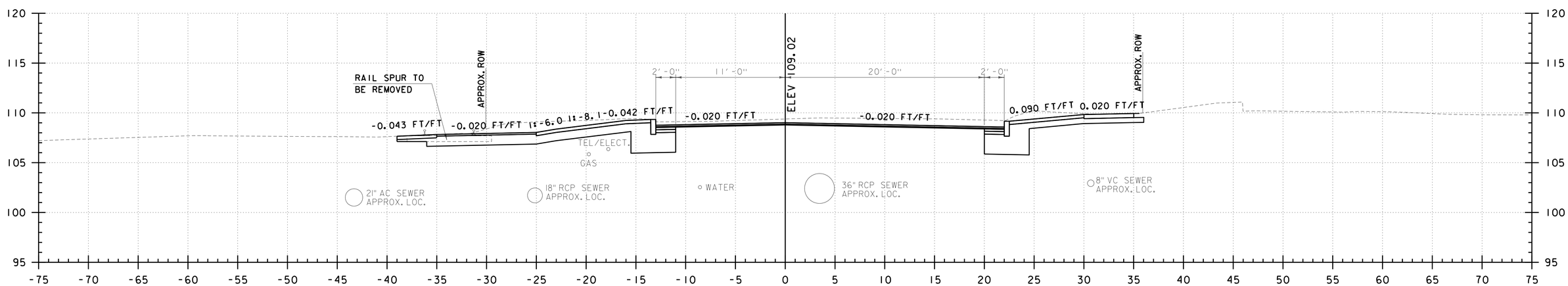
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 53 (XS-71)	SHEET 286 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 46+00
PINE STREET



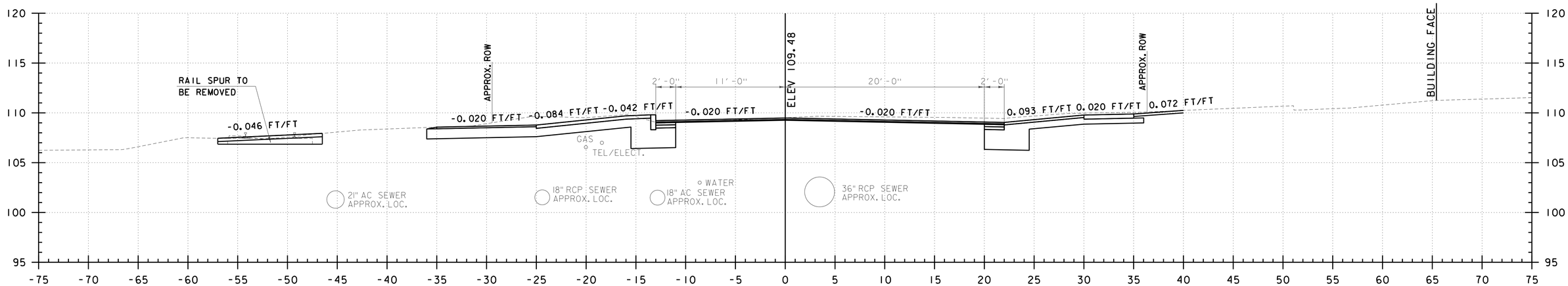
P 45+50
PINE STREET

0 5 10
SCALE IN FEET

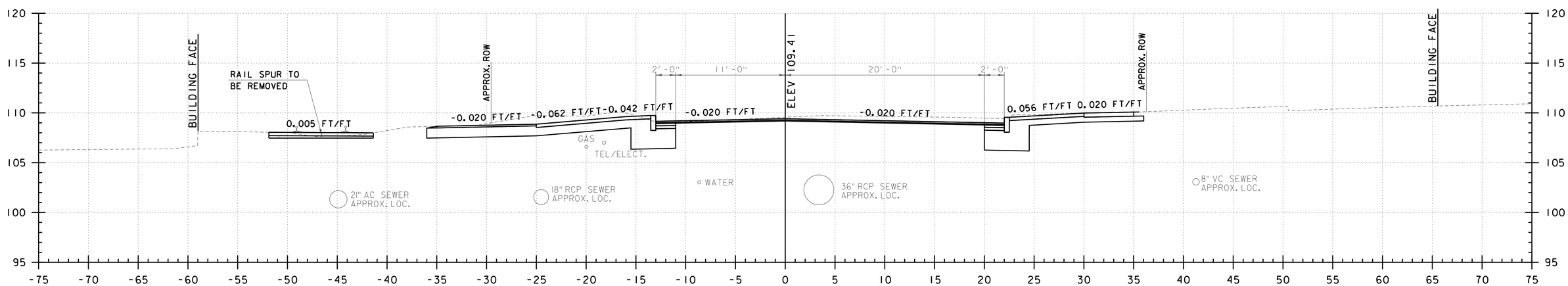
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 54 (XS-72)	SHEET 287 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 46+68
PINE STREET



P 46+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 55 (XS-73)	SHEET 288 OF 339

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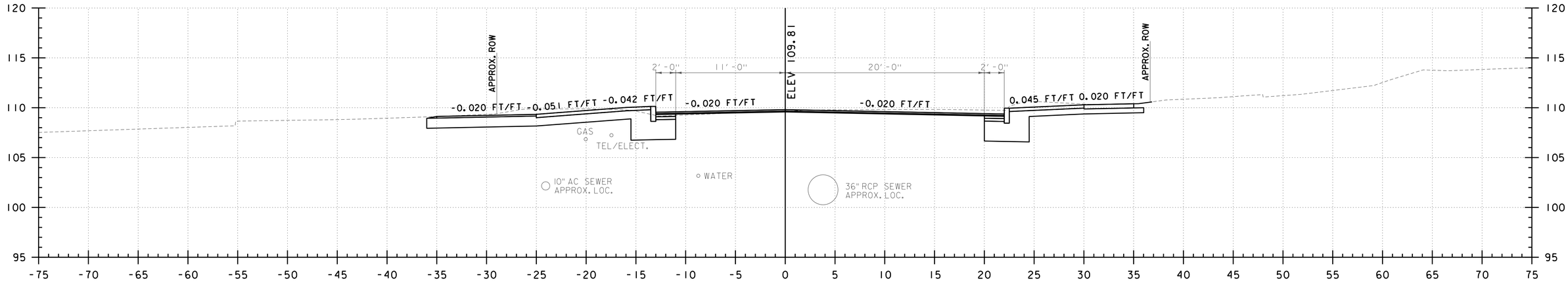
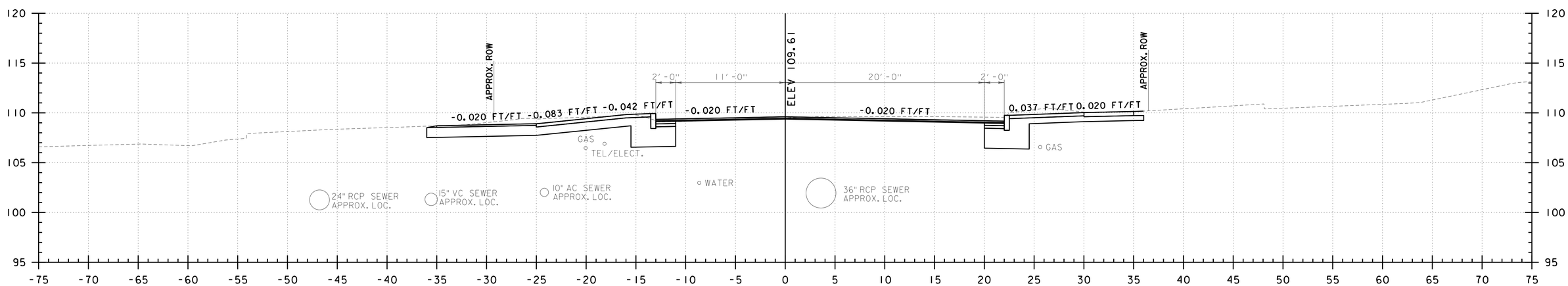
DATE/TIME =2/17/2016
USER =4916



P 47+50
PINE STREET



P 47+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 56 (XS-74)	SHEET 289 OF 339

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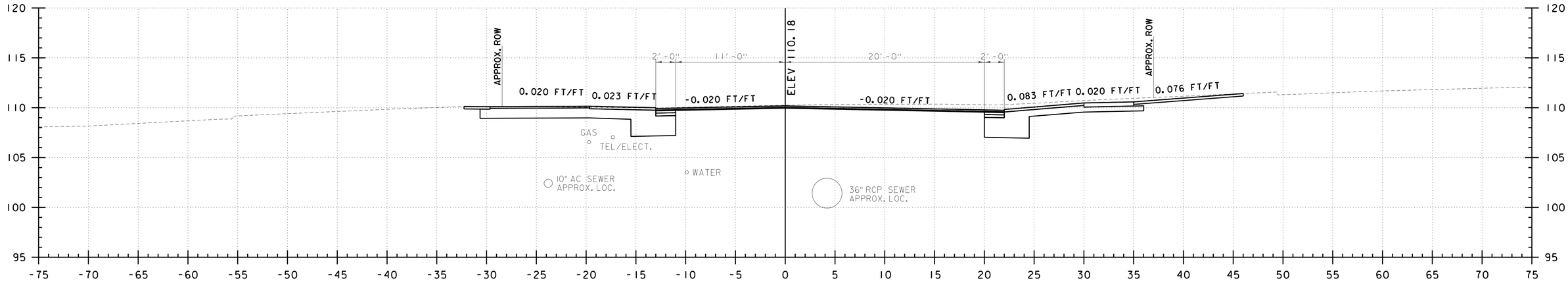
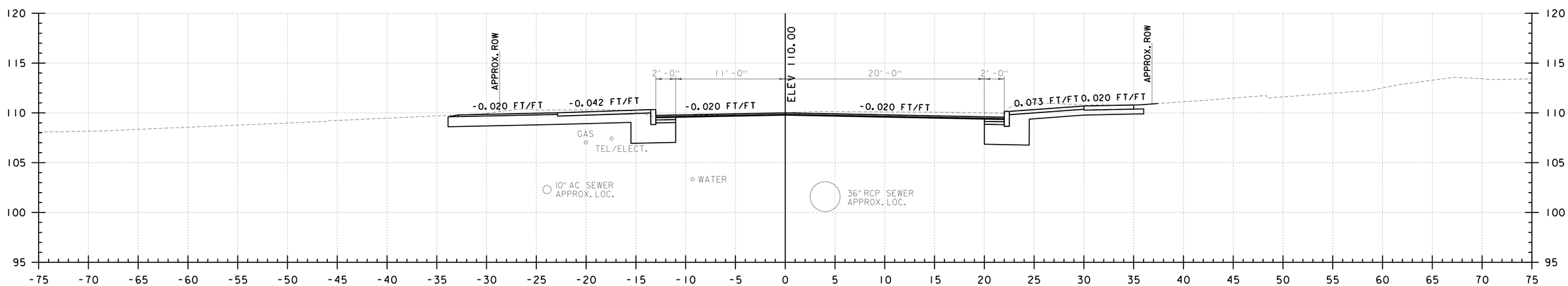
DATE/TIME =2/17/2016
USER =4916



P 48+45
PINE STREET



P 48+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 57 (XS-75)	SHEET 290 OF 339

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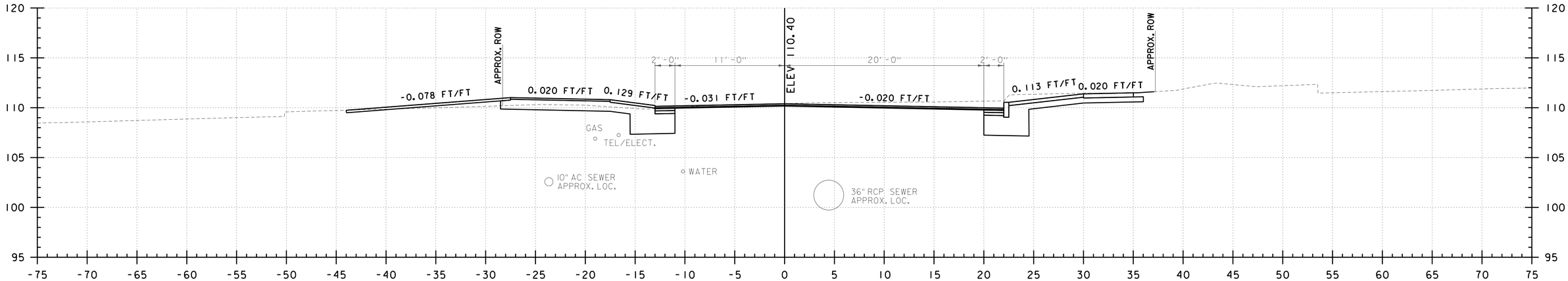
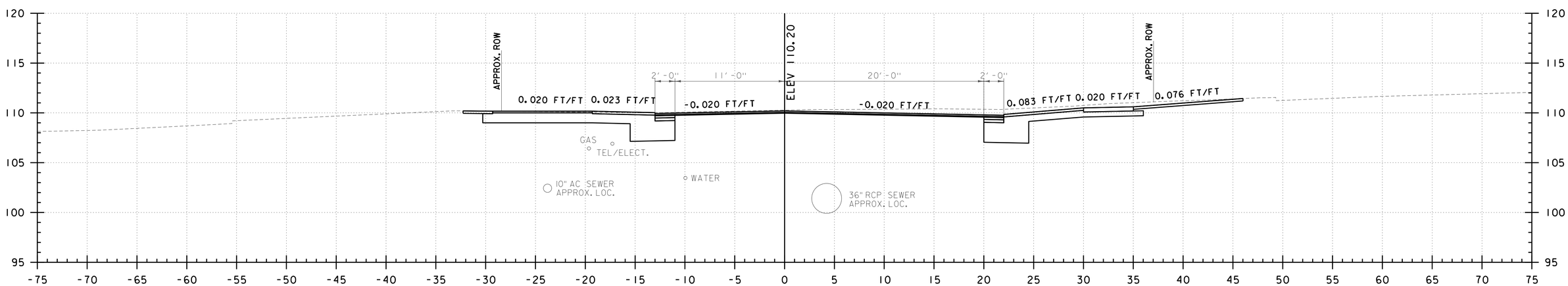
DATE/TIME =2/17/2016
USER =4916



P 49+00
PINE STREET



P 48+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 58 (XS-76)	SHEET 291 OF 339

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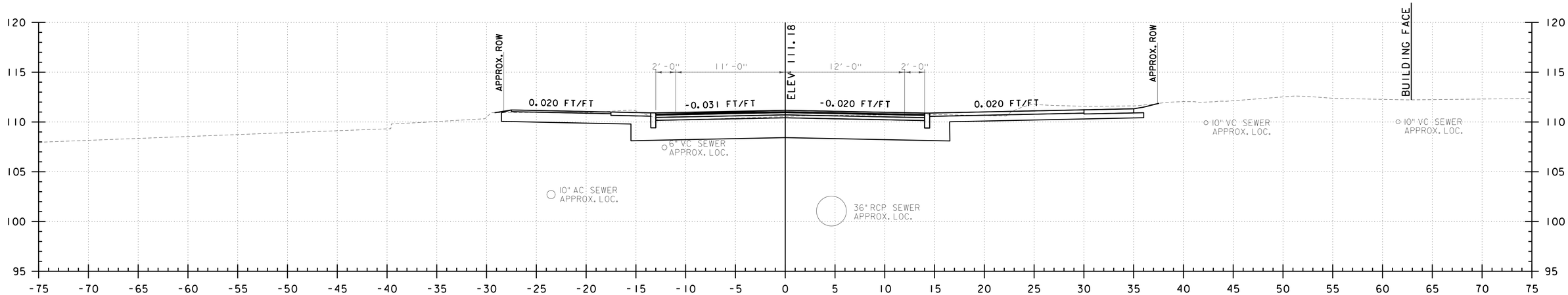
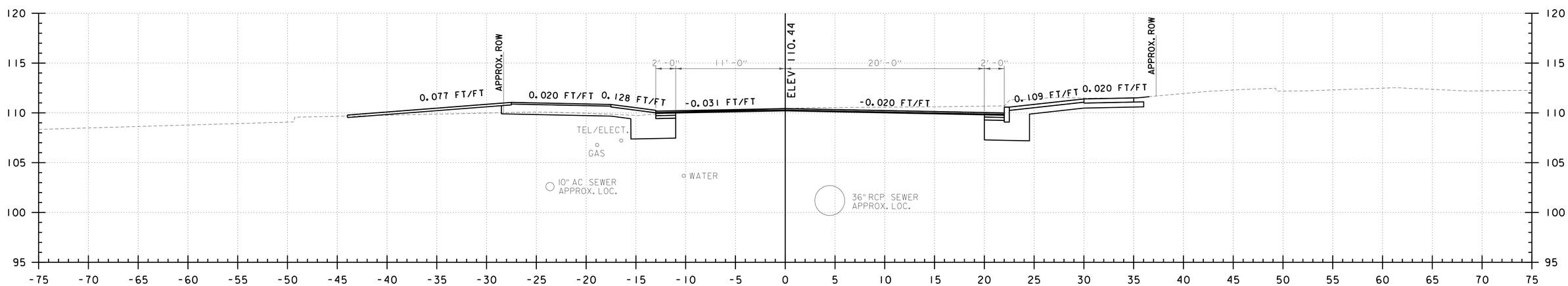
DATE/TIME =2/17/2016
USER =4916



P 49+50
PINE STREET



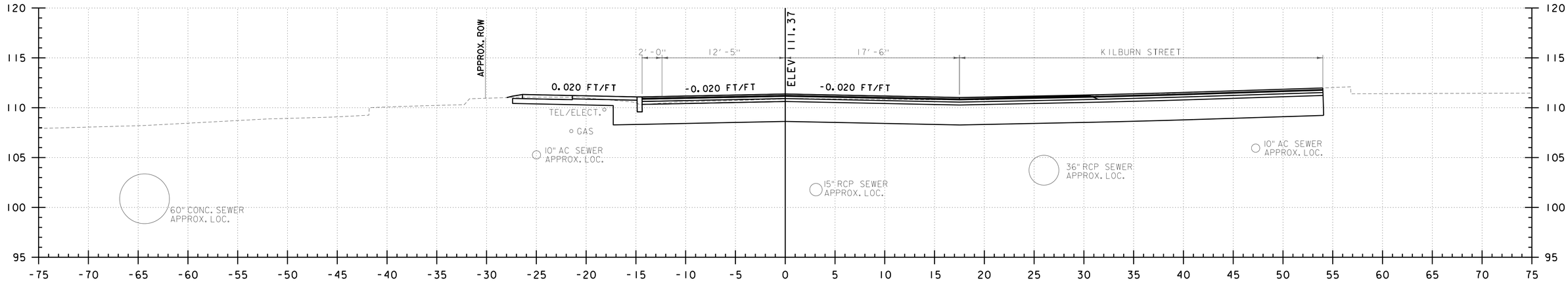
P 49+10
PINE STREET

0 5 10
SCALE IN FEET

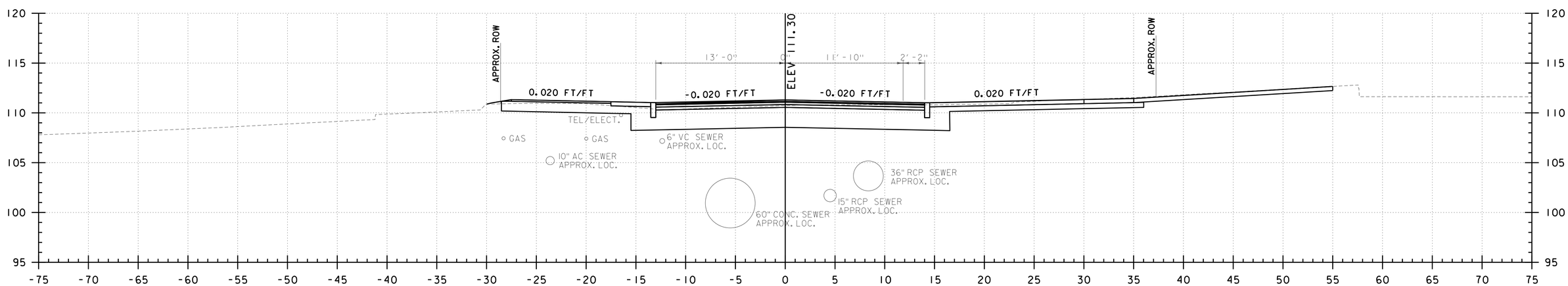
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 59 (XS-77)	SHEET 292 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 50+00
PINE STREET



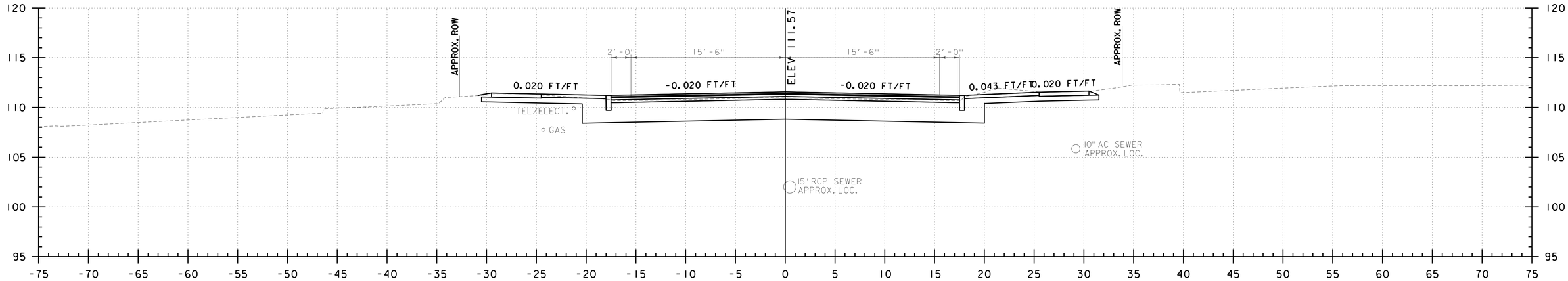
P 49+81
PINE STREET

0 5 10
SCALE IN FEET

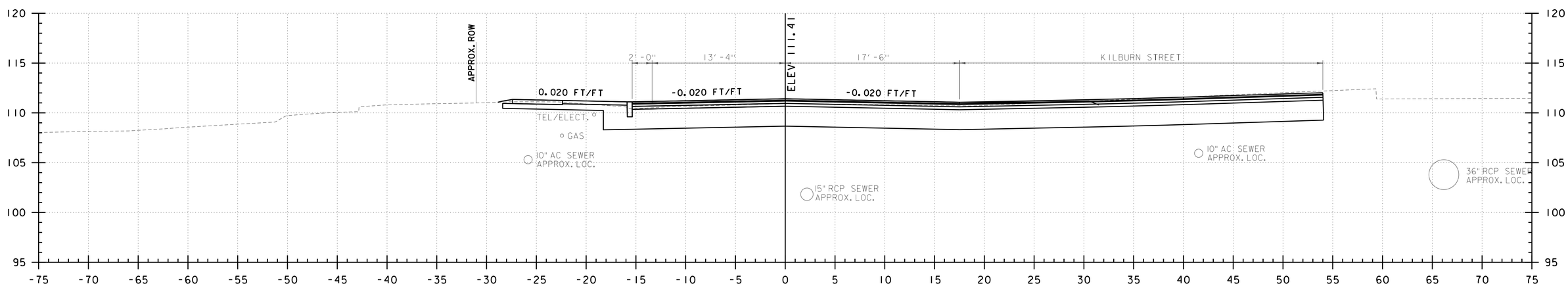
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 60 (XS-78)	SHEET 293 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 50+50
PINE STREET



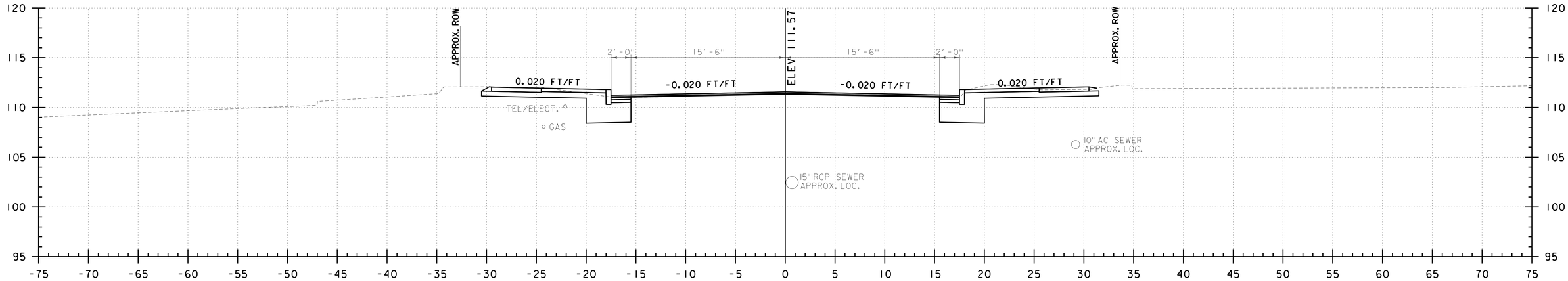
P 50+10.83
PINE STREET

0 5 10
SCALE IN FEET

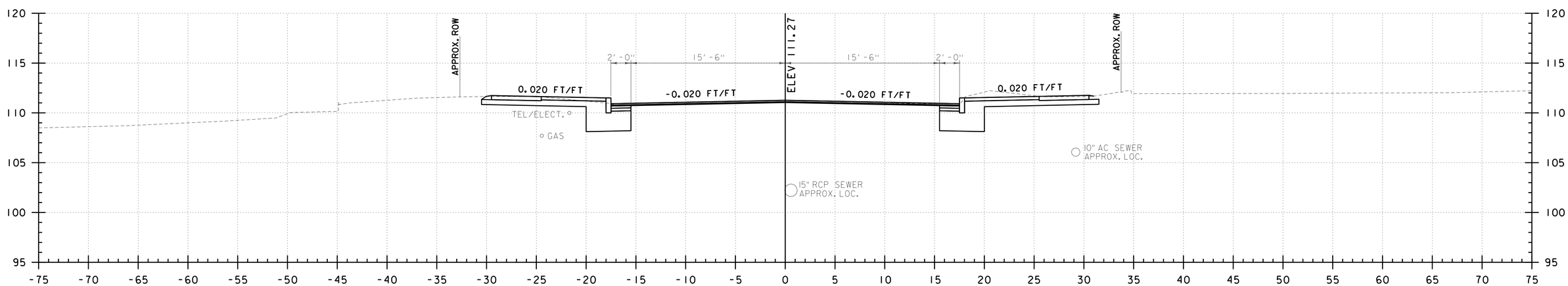
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 61 (XS-79)	SHEET 294 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 51+50
PINE STREET



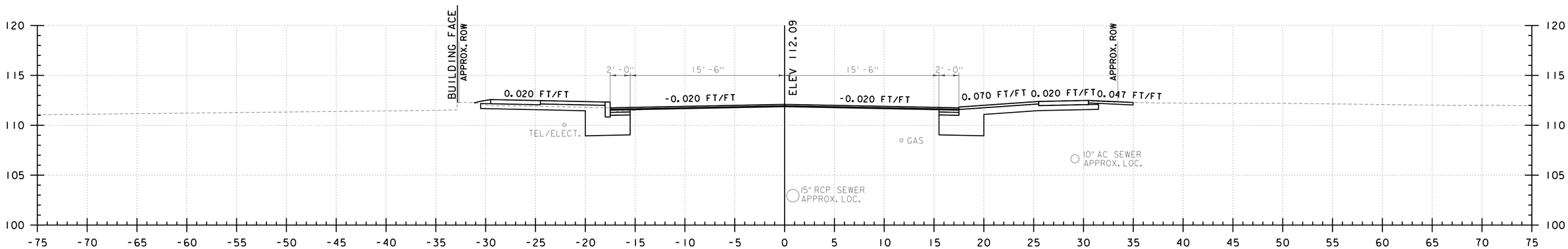
P 51+00
PINE STREET

0 5 10
SCALE IN FEET

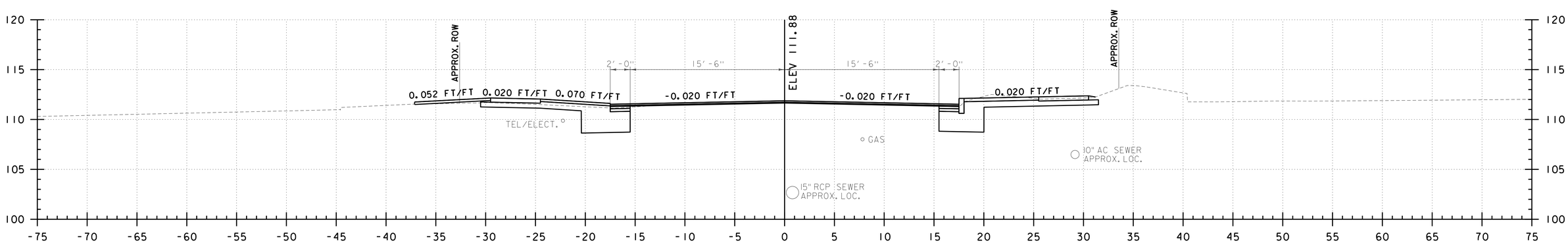
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 62 (XS-80)	SHEET 295 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 52+35
PINE STREET



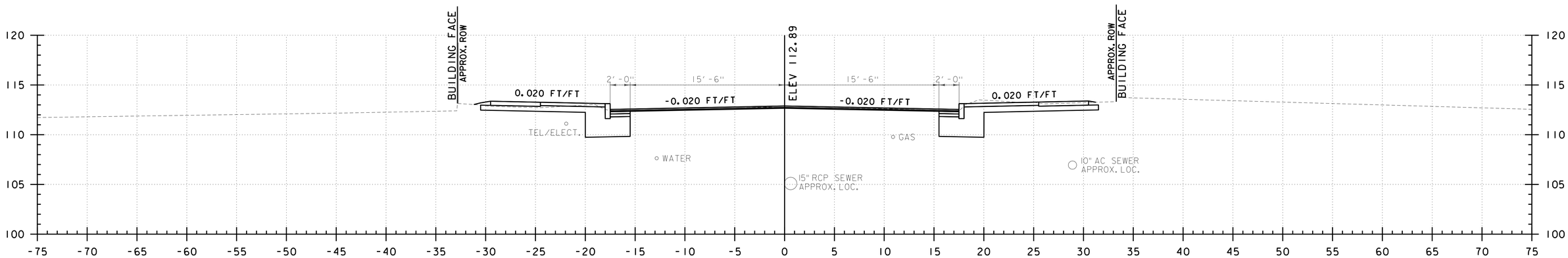
P 52+00
PINE STREET

0 5 10
SCALE IN FEET

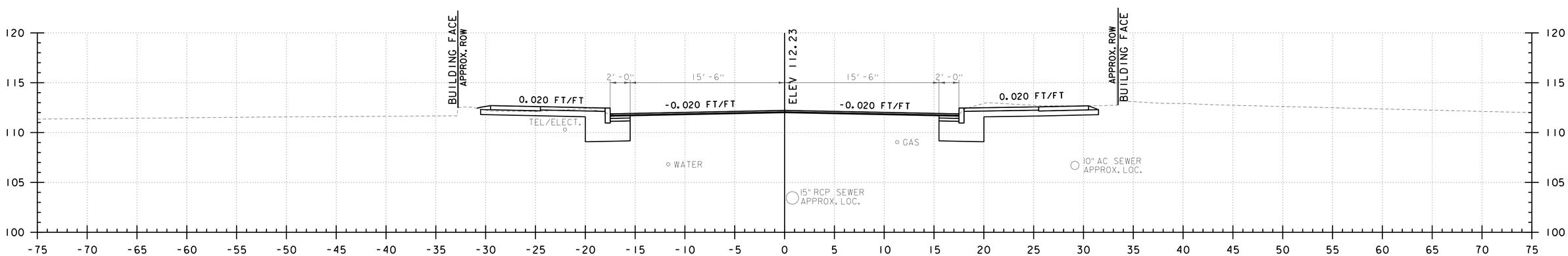
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 63 (XS-81)	SHEET 296 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 53+00
PINE STREET



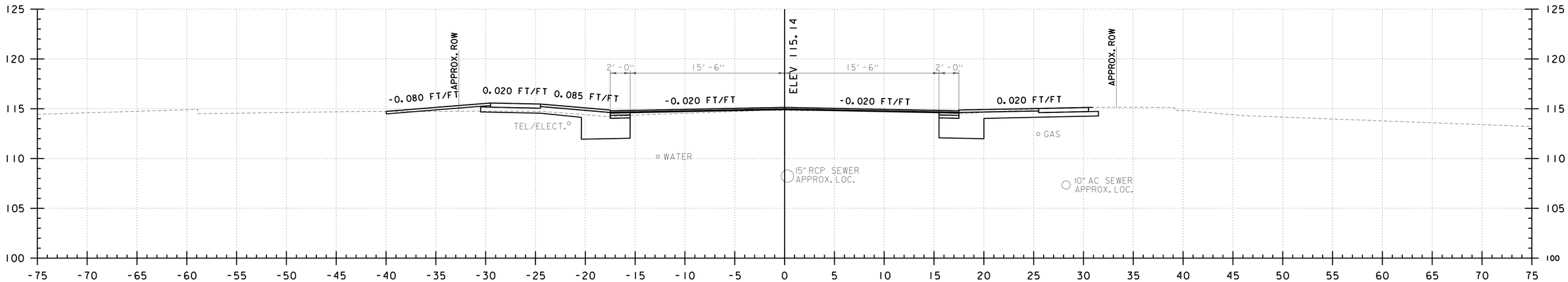
P 52+50
PINE STREET

0 5 10
SCALE IN FEET

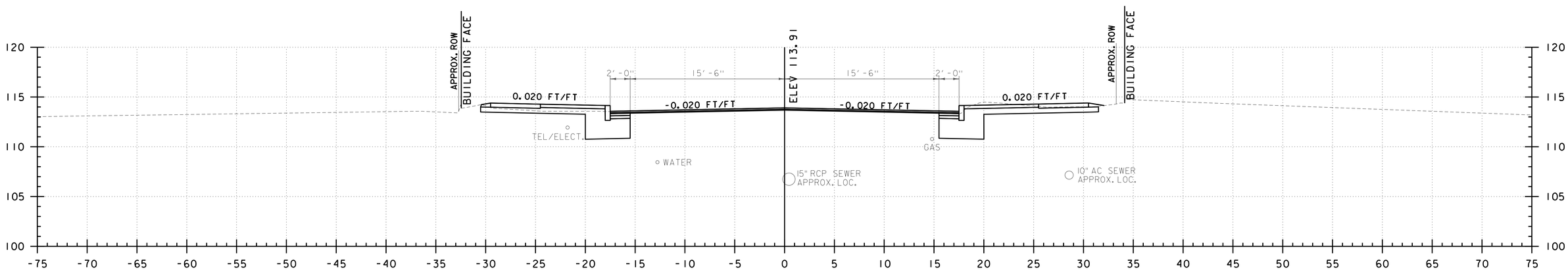
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 64 (XS-82)	SHEET 297 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 53+95
PINE STREET



P 53+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 65 (XS-83)	SHEET 298 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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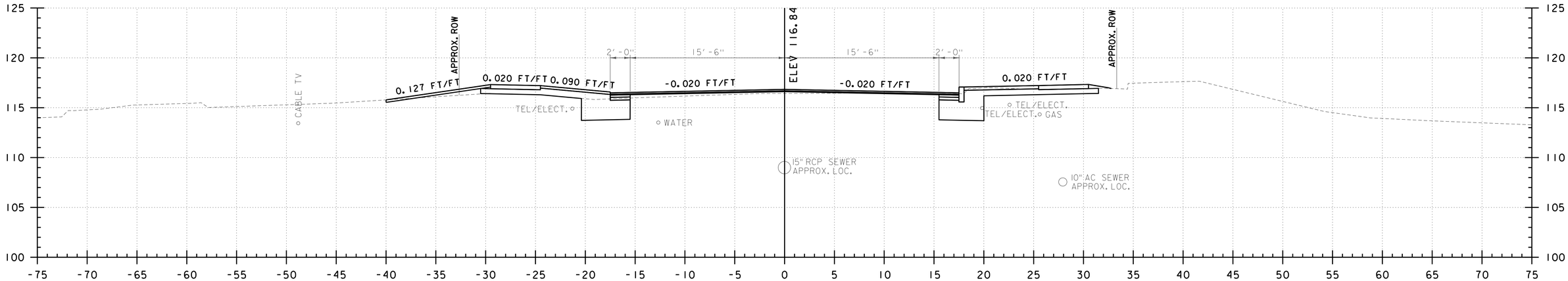
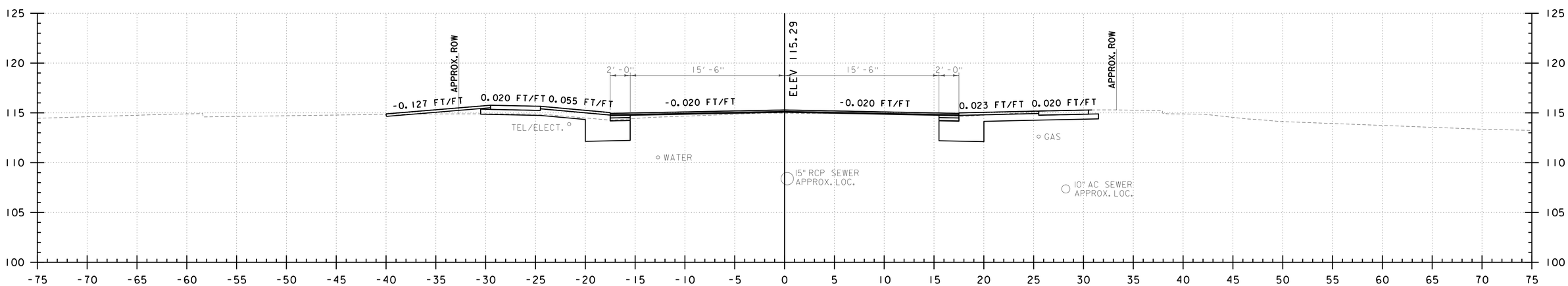


P 54+45
PINE STREET



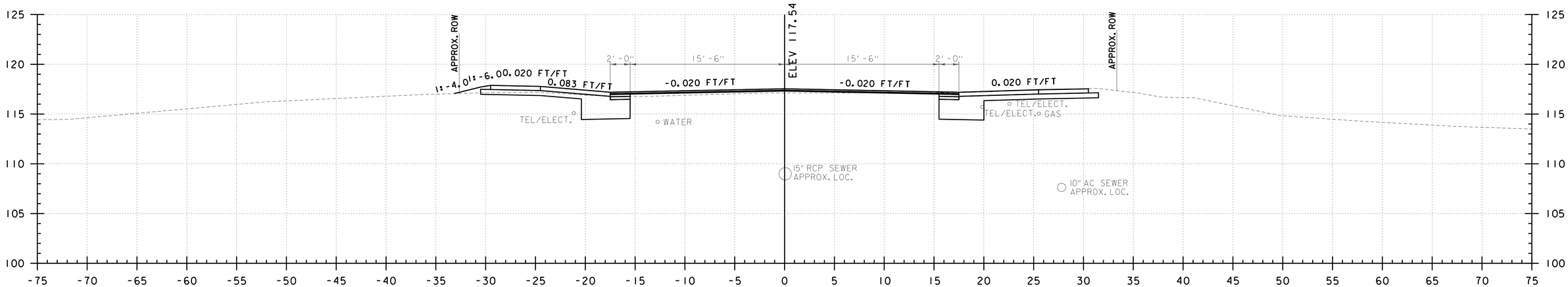
P 54+00
PINE STREET

0 5 10
SCALE IN FEET

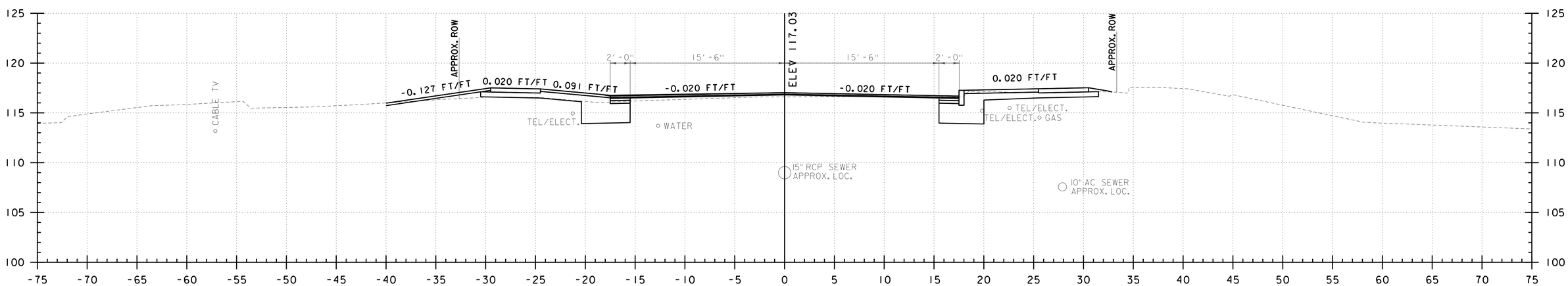
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 66 (XS-84)	SHEET 299 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 54+63
PINE STREET



P 54+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 67 (XS-85)	SHEET 300 OF 339

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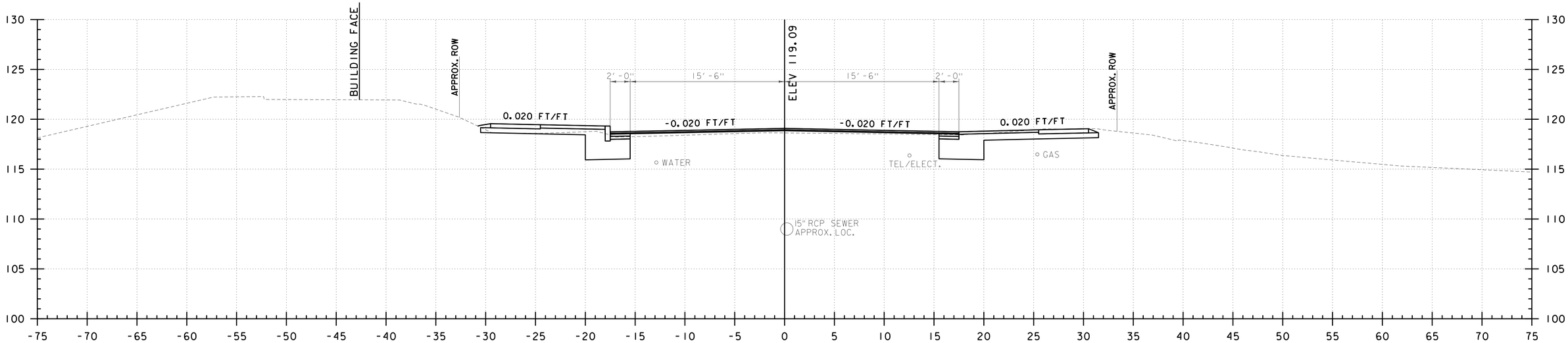
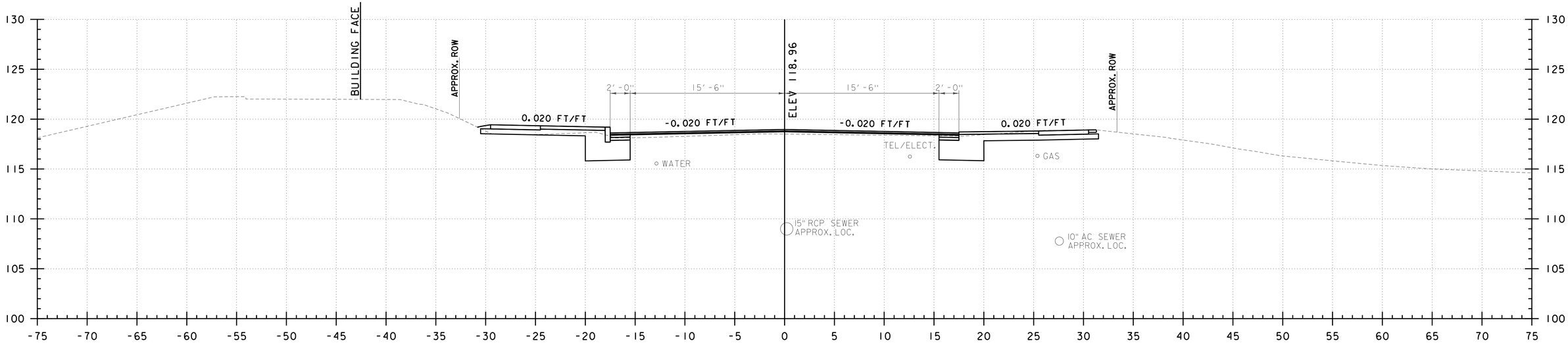
DATE/TIME =2/17/2016
USER =4916



P 55+00
PINE STREET



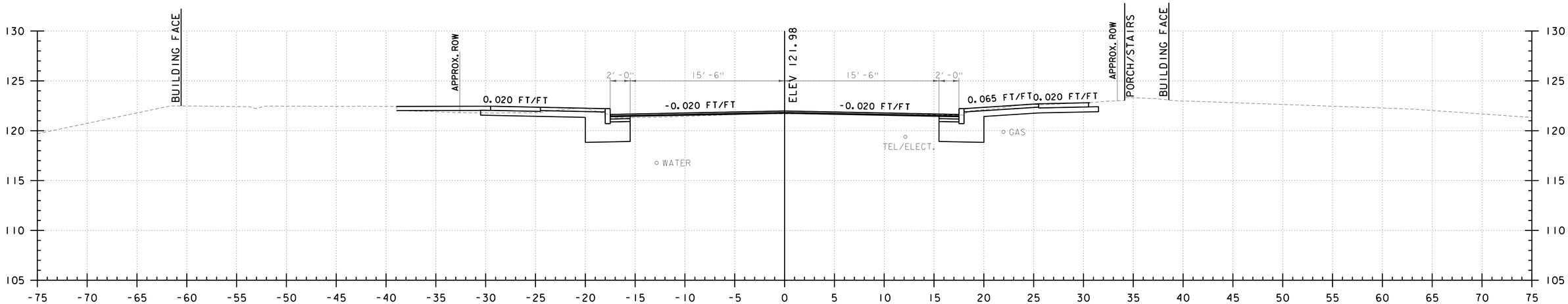
P 54+97
PINE STREET

0 5 10
SCALE IN FEET

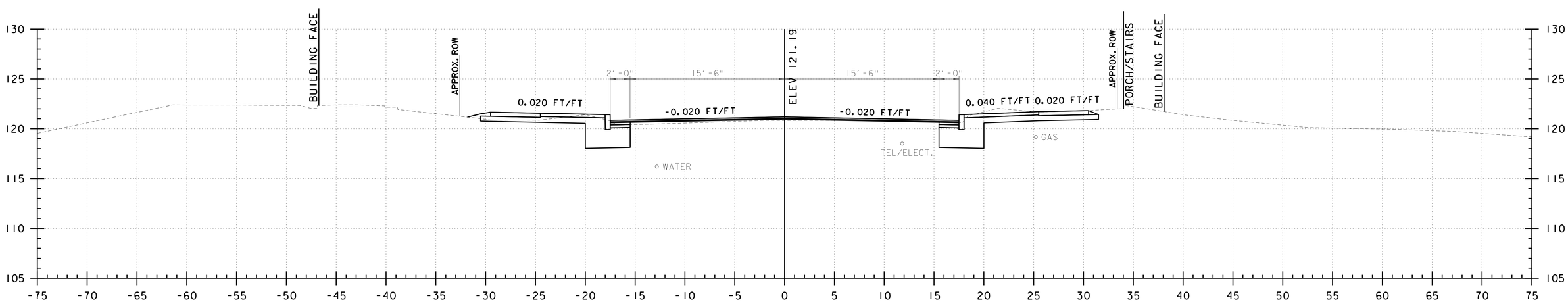
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M50001(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 68 (XS-86)	SHEET 301 OF 339

FILE NAME =U:\8659\870078\Consultants\z87d078xs_c6.dgn
DATE/TIME = 2/17/2016
USER = 4916



P 55+69
PINE STREET



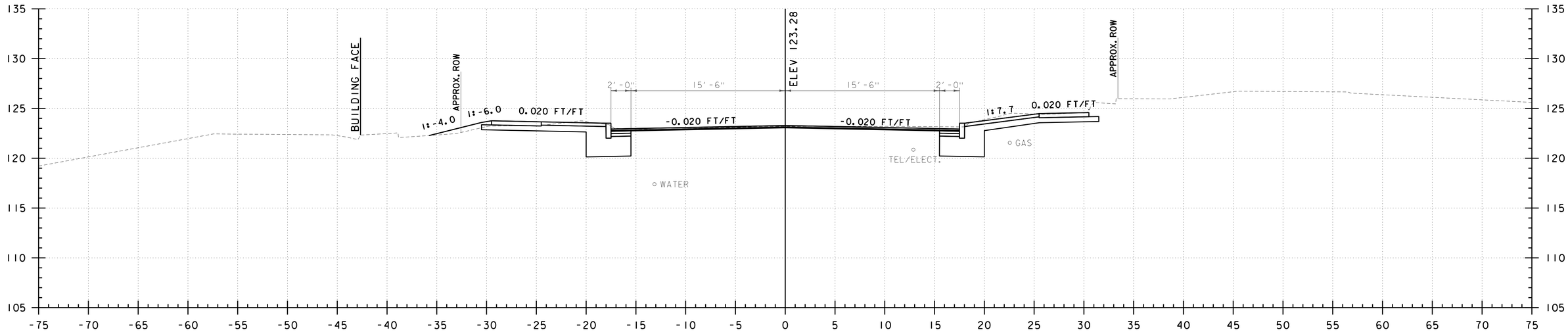
P 55+50
PINE STREET

0 5 10
SCALE IN FEET

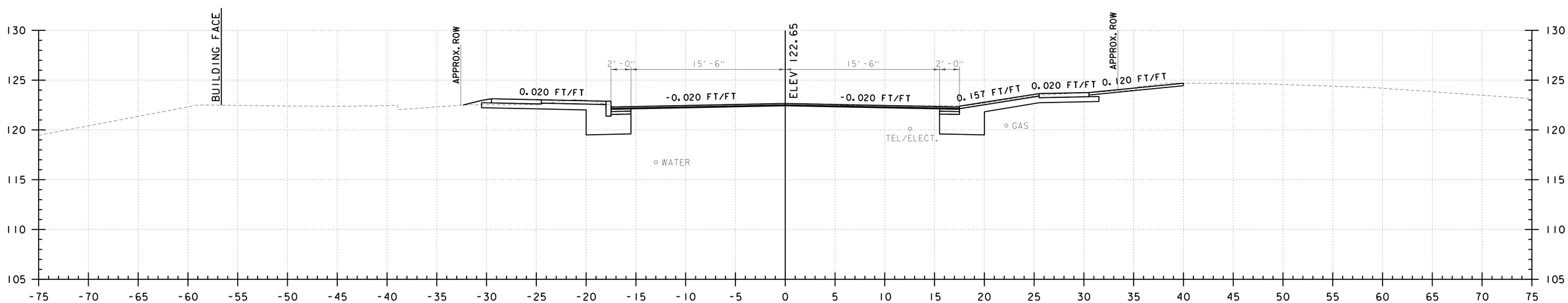
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 69 (XS-87)	SHEET 302 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 56+00
PINE STREET



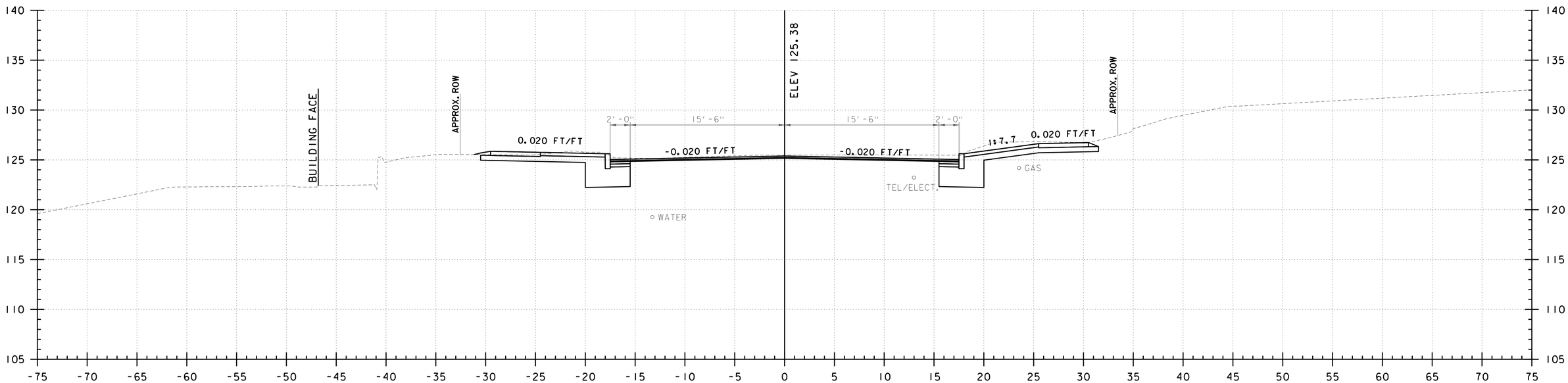
P 55+85
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 70 (XS-88)	SHEET 303 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 56+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M50001(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 71 (XS-89)	SHEET 304 OF 339

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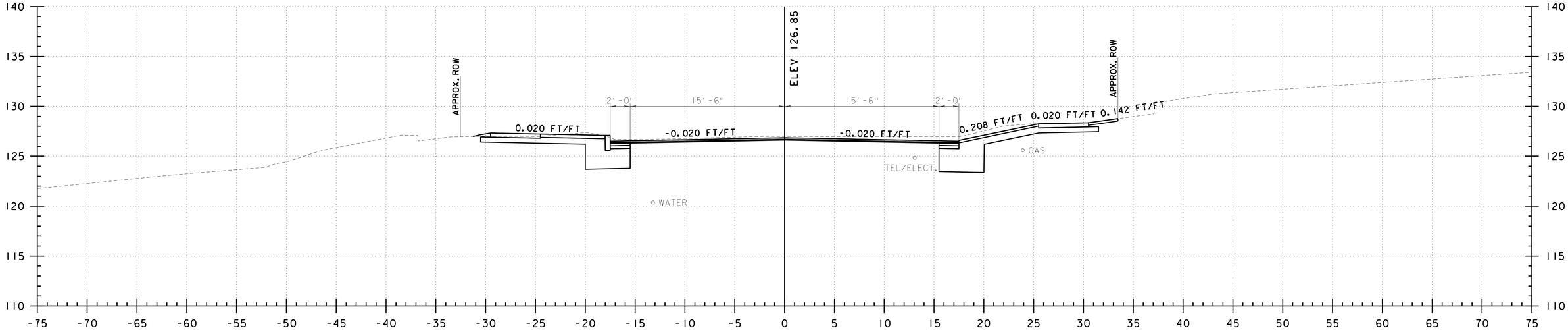
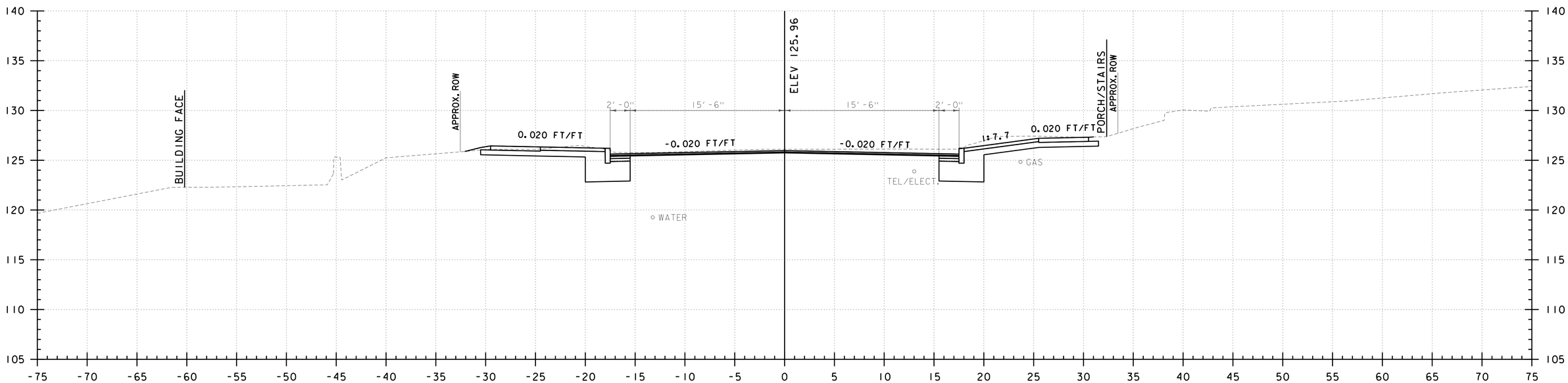


P 56+85
PINE STREET



P 56+64
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M50000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 72 (XS-90)	SHEET 305 OF 339

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DATE/TIME =2/17/2016
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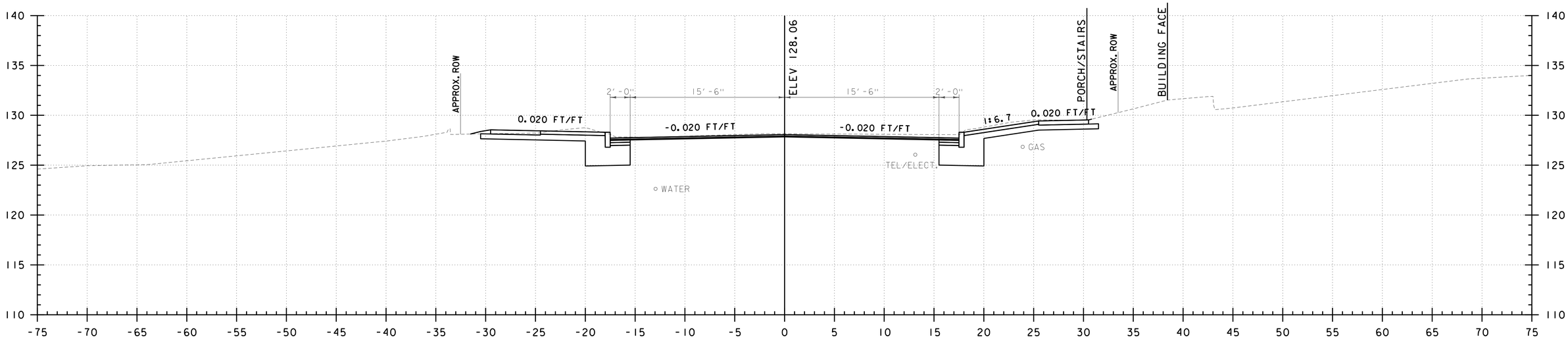
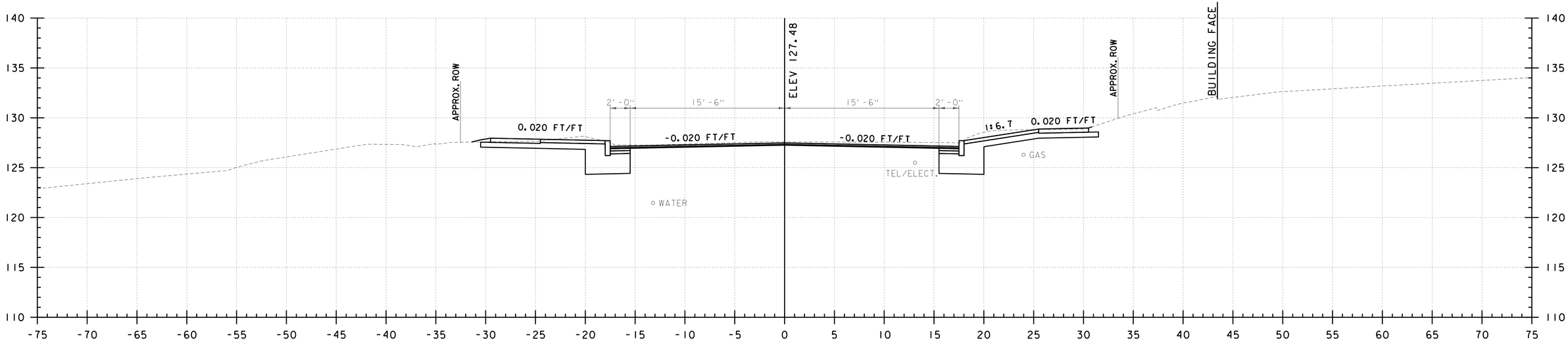


P 57+14
PINE STREET



P 57+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M50001) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 73 (XS-91)	SHEET 306 OF 339

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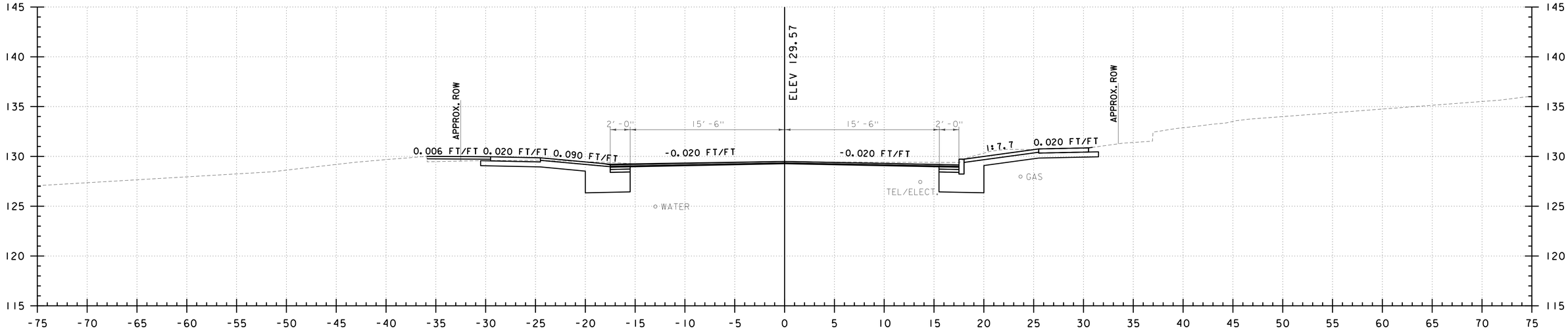
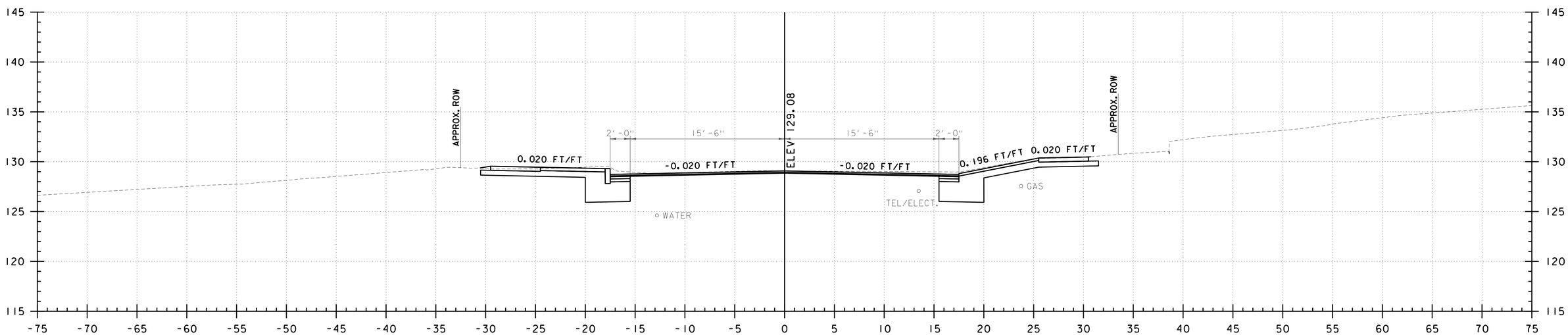


P 57+48
PINE STREET



P 57+38
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 74 (XS-92)	SHEET 307 OF 339

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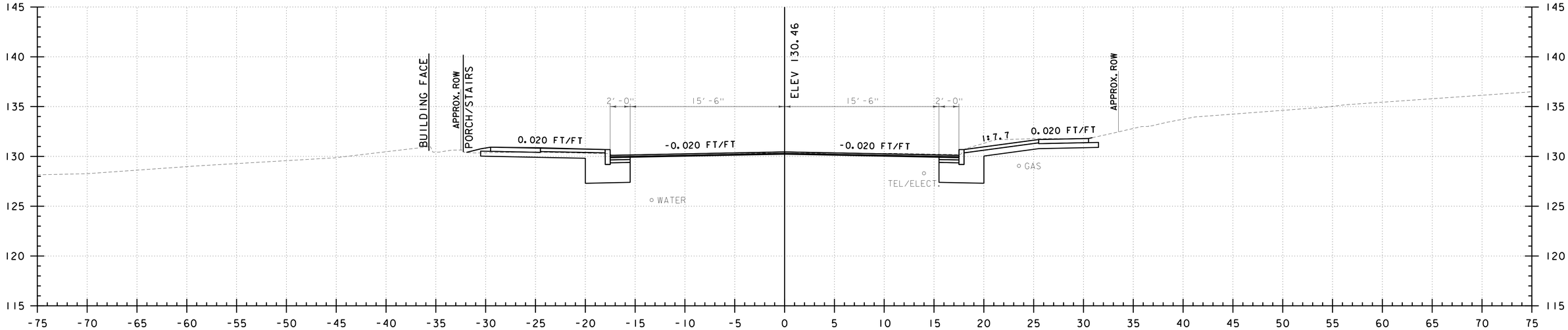
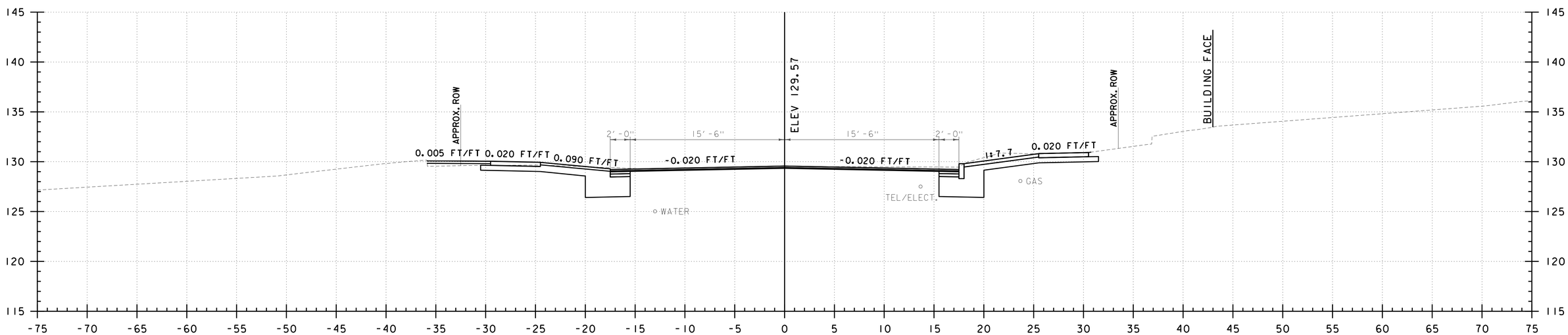
DATE/TIME =2/17/2016
USER =4916



P 57+72
PINE STREET



P 57+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 75 (XS-93)	SHEET 308 OF 339

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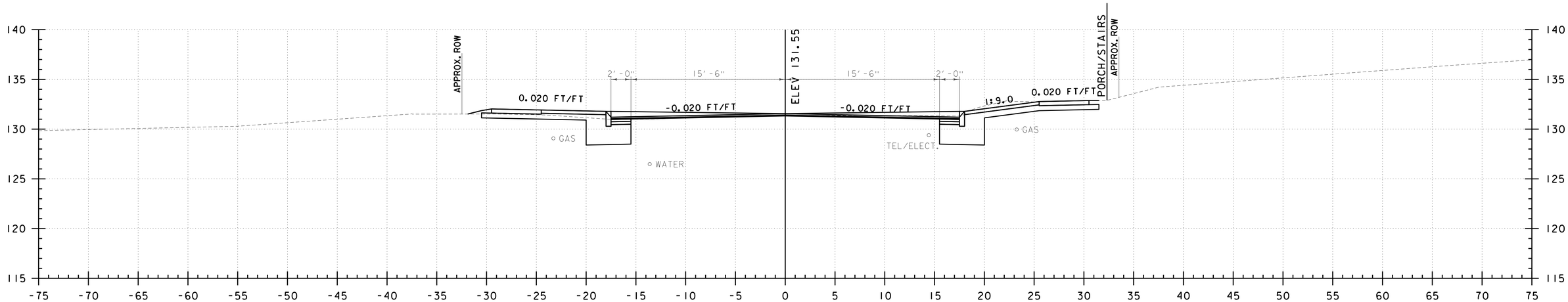
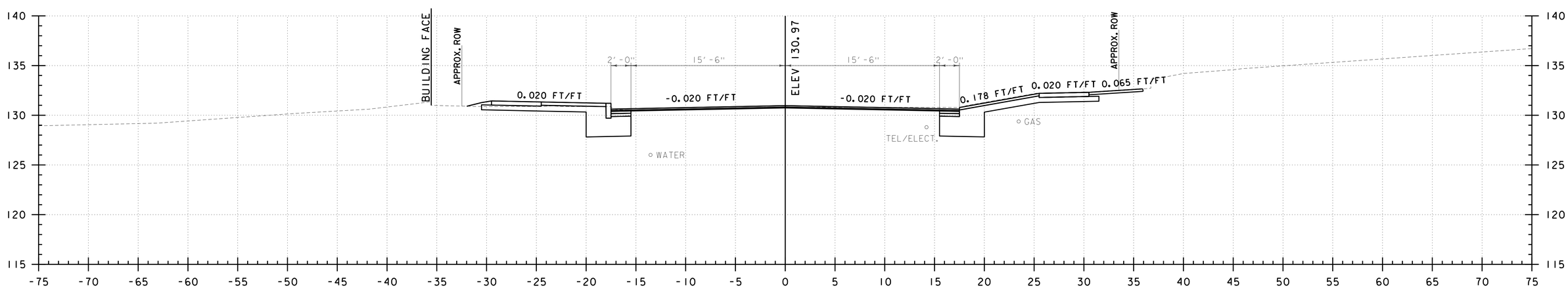
DATE/TIME =2/17/2016
USER =4916



P 58+00
PINE STREET



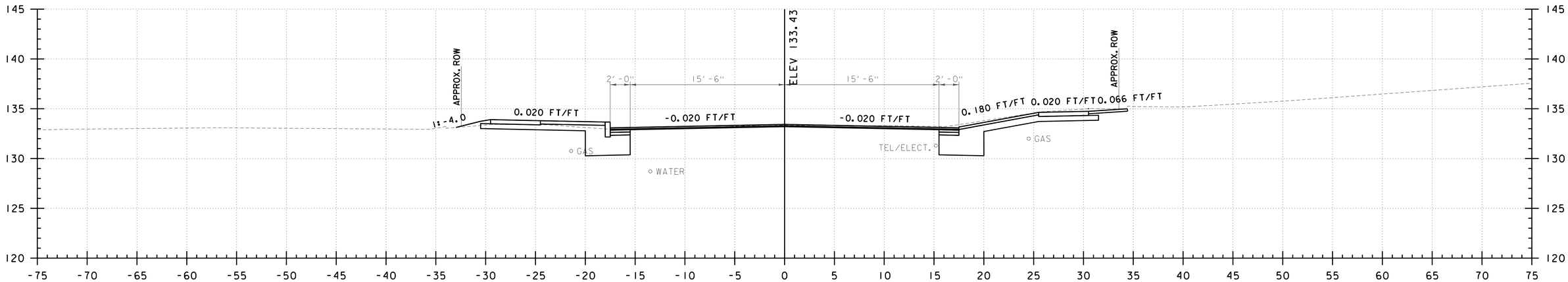
P 57+85
PINE STREET

0 5 10
SCALE IN FEET

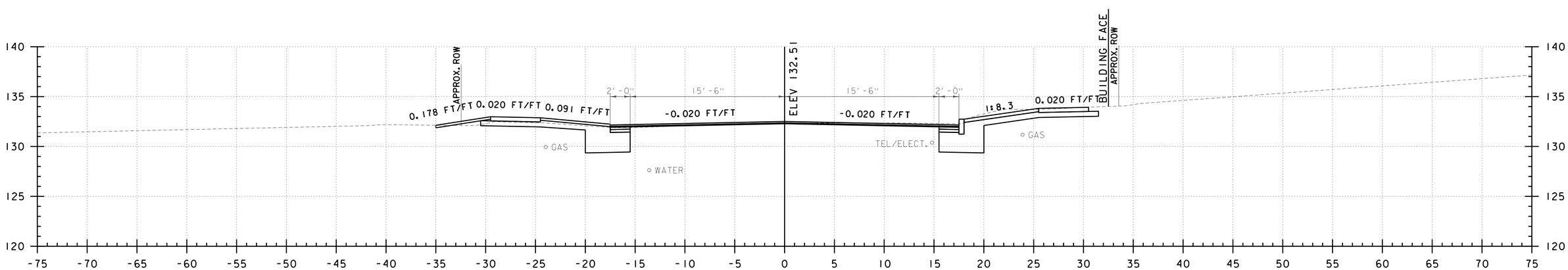
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 76 (XS-94)	SHEET 309 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 58+50
PINE STREET



P 58+25
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 77 (XS-95)	SHEET 310 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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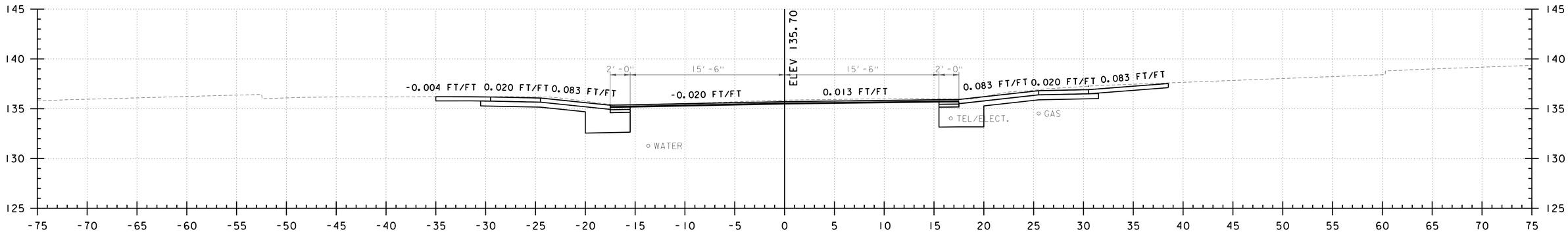
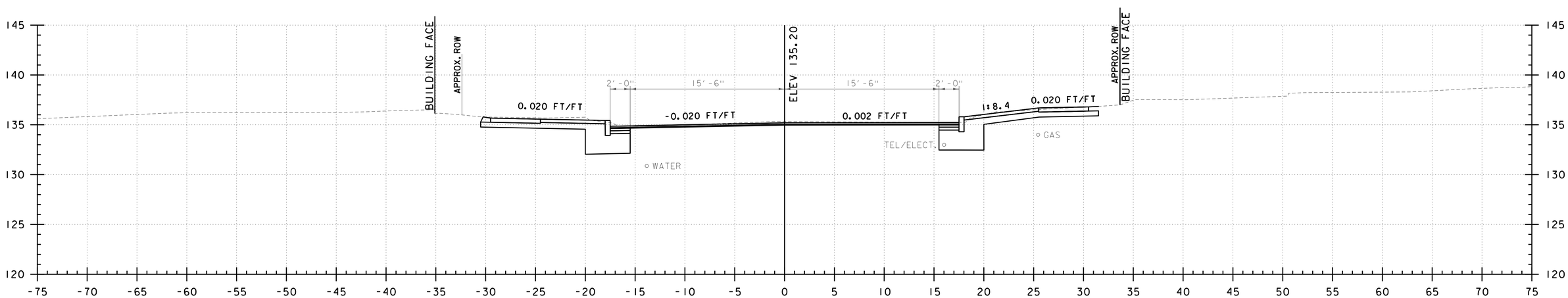


P 59+15
PINE STREET



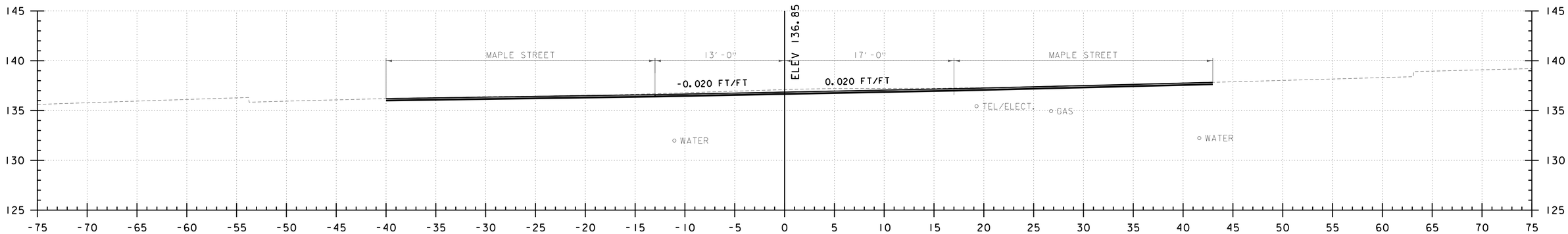
P 59+00
PINE STREET

0 5 10
SCALE IN FEET

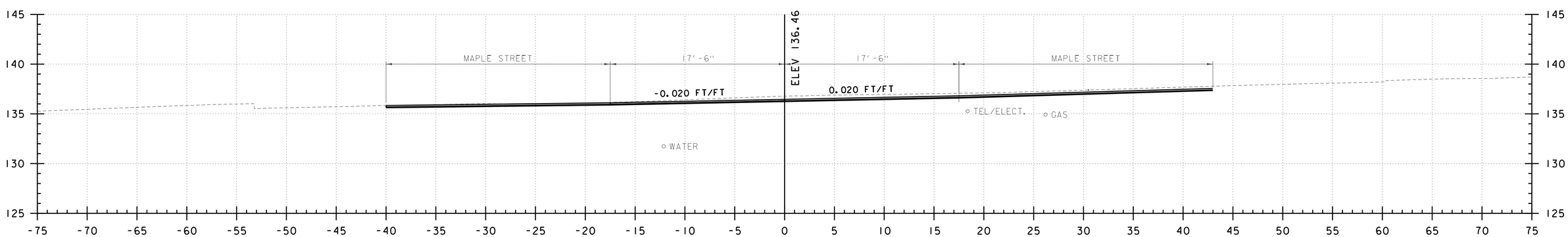
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 78 (XS-96)	SHEET 311 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 59+50
PINE STREET



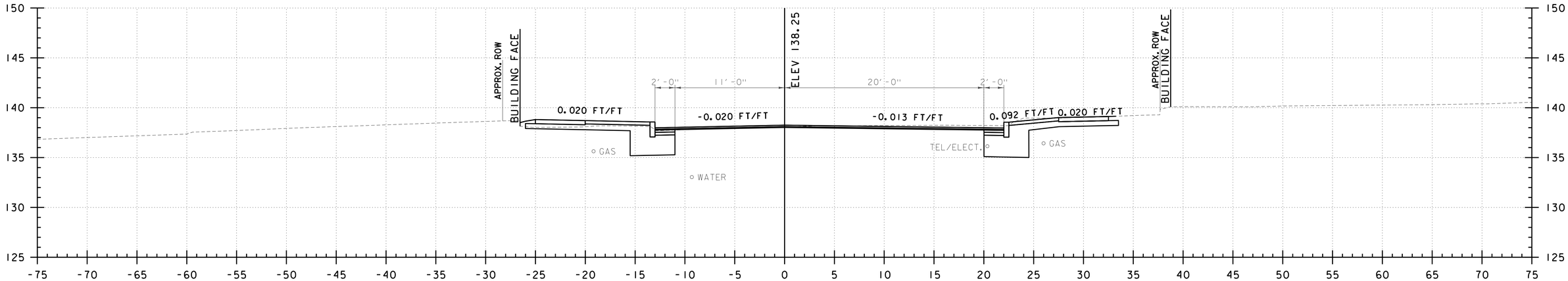
P 59+37.95
PINE STREET

0 5 10
SCALE IN FEET

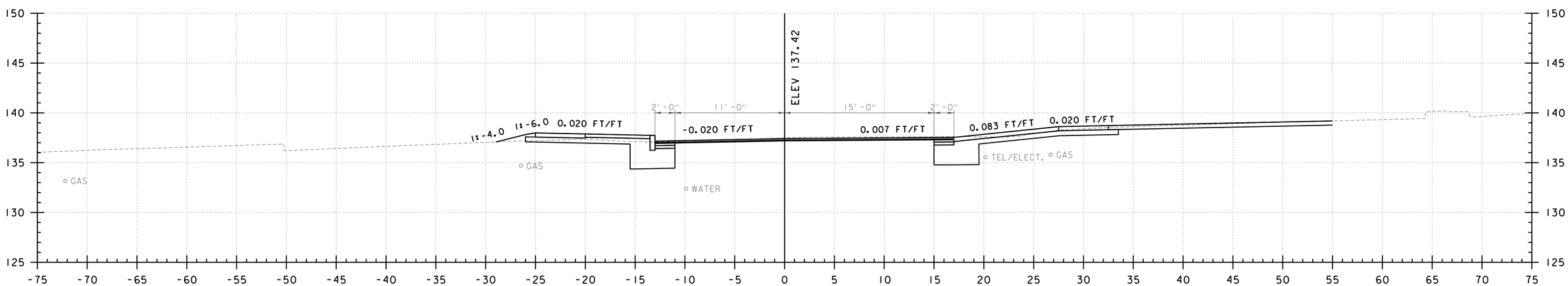
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 79 (XS-97)	SHEET 312 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 59+95
PINE STREET



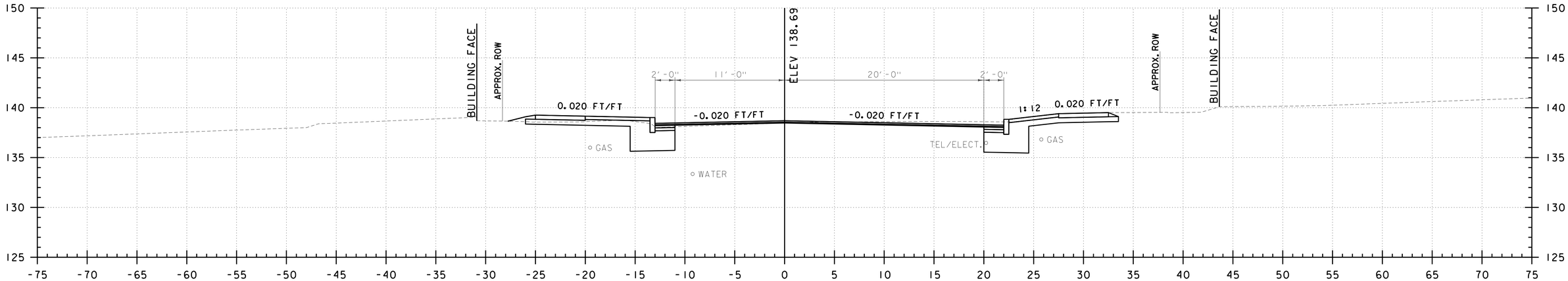
P 59+68
PINE STREET

0 5 10
SCALE IN FEET

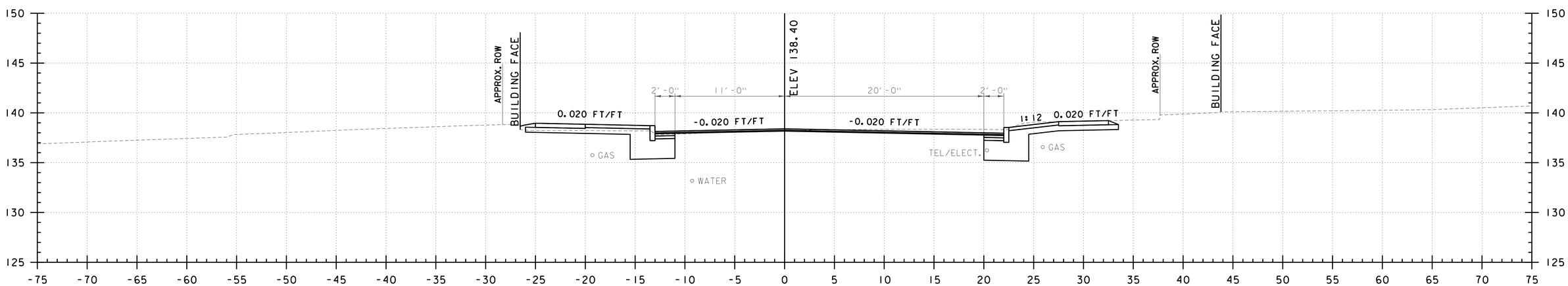
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 80 (XS-98)	SHEET 313 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 60+10
PINE STREET



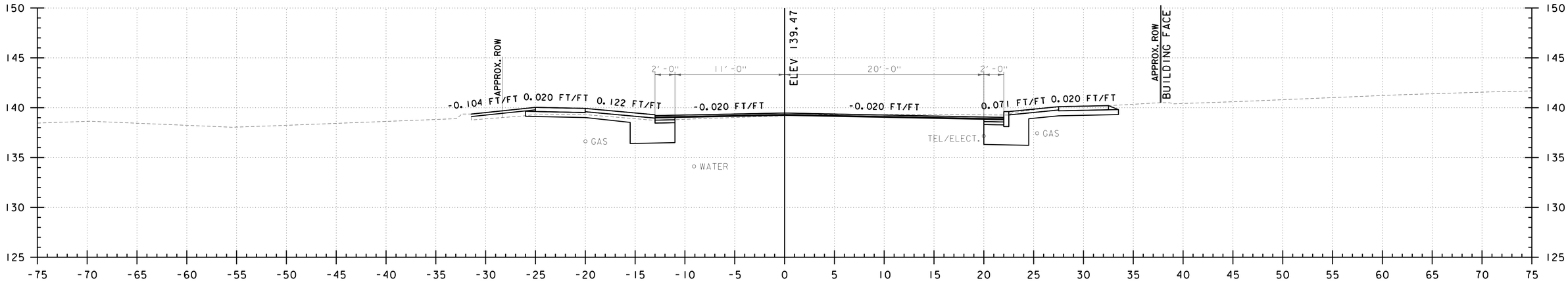
P 60+00
PINE STREET

0 5 10
SCALE IN FEET

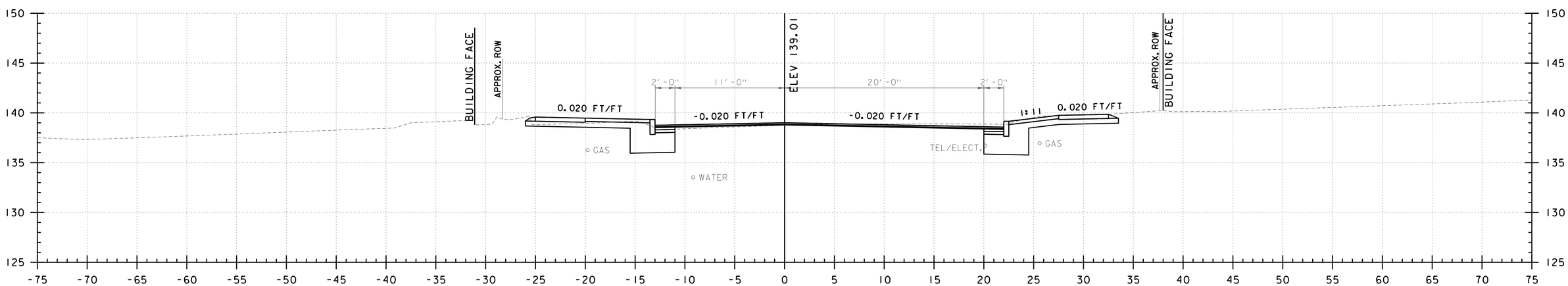
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 81 (XS-99)	SHEET 314 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 60+37
PINE STREET



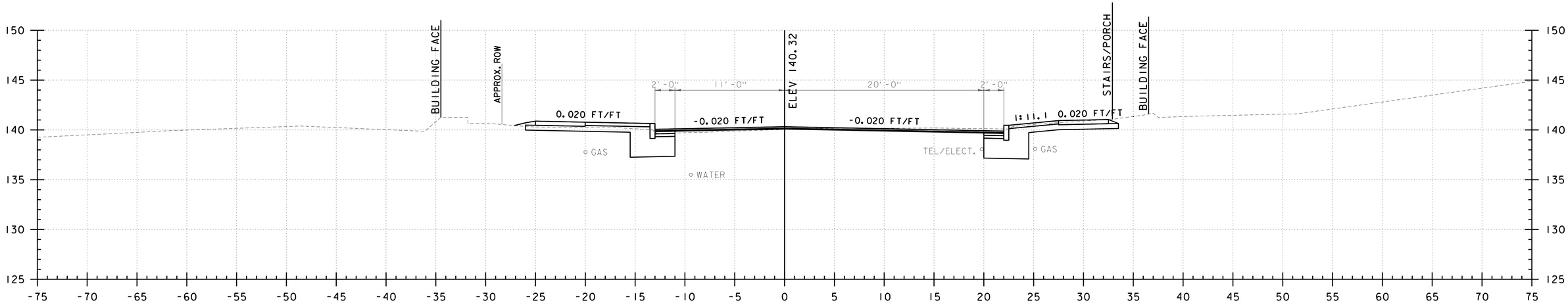
P 60+21
PINE STREET

0 5 10
SCALE IN FEET

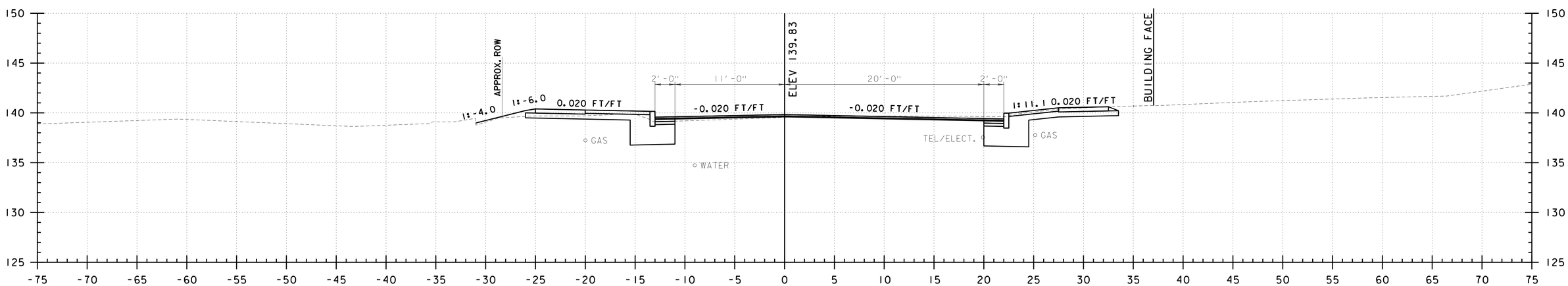
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 82 (XS-100)	SHEET 315 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 60+68
PINE STREET



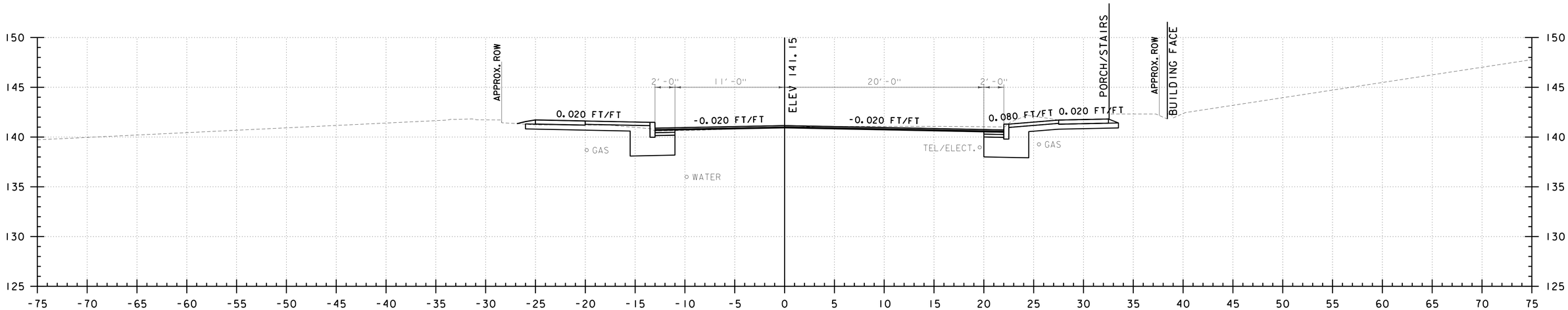
P 60+50
PINE STREET

0 5 10
SCALE IN FEET

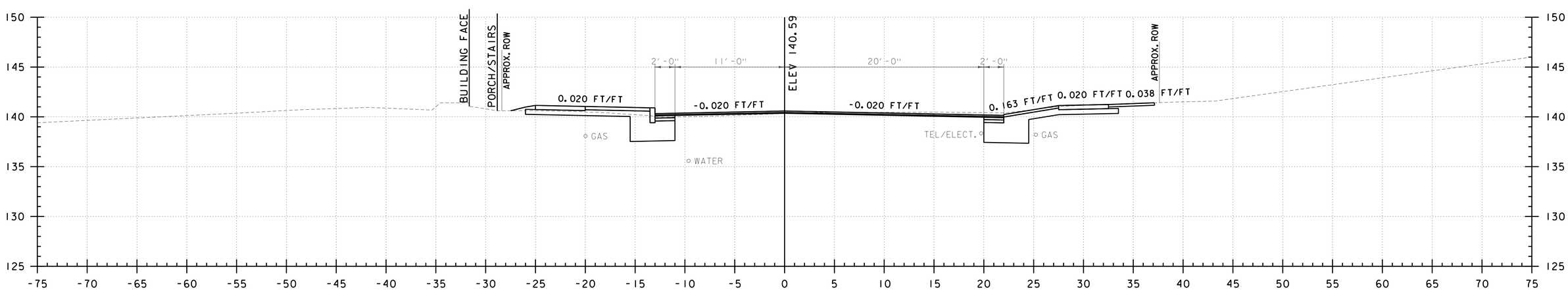
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 83 (XS-101)	SHEET 316 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 61+00
PINE STREET



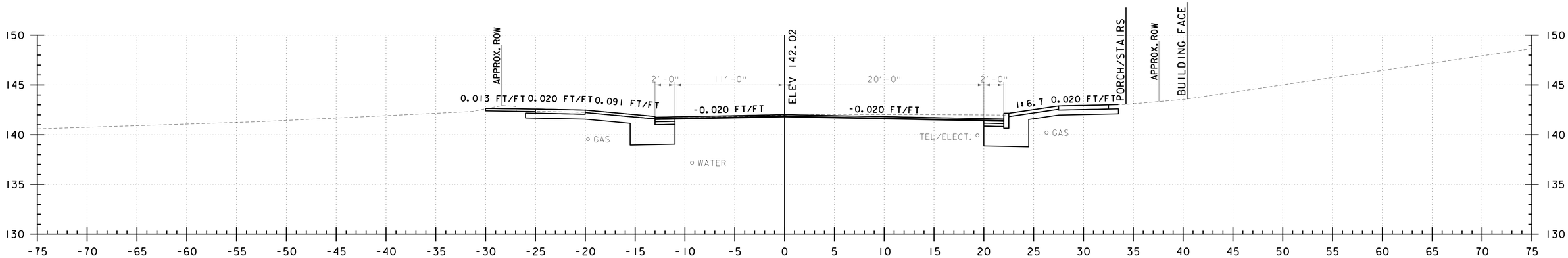
P 60+78
PINE STREET

0 5 10
SCALE IN FEET

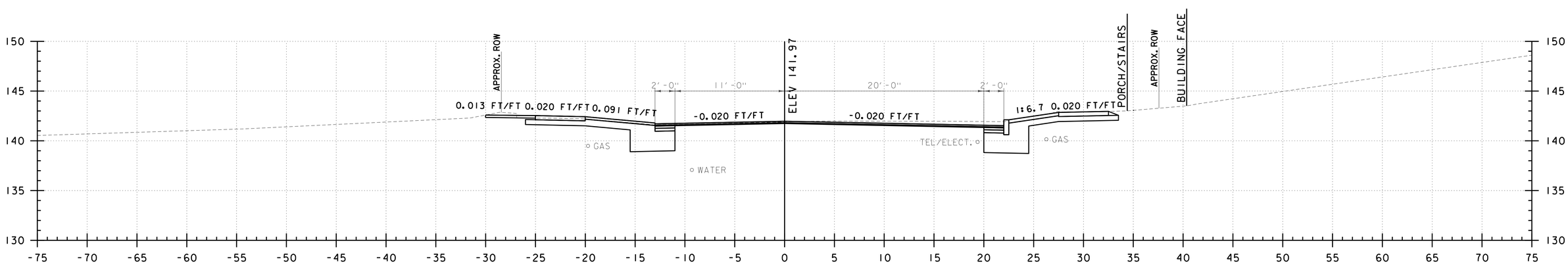
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 84 (XS-102)	SHEET 317 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 61+35
PINE STREET



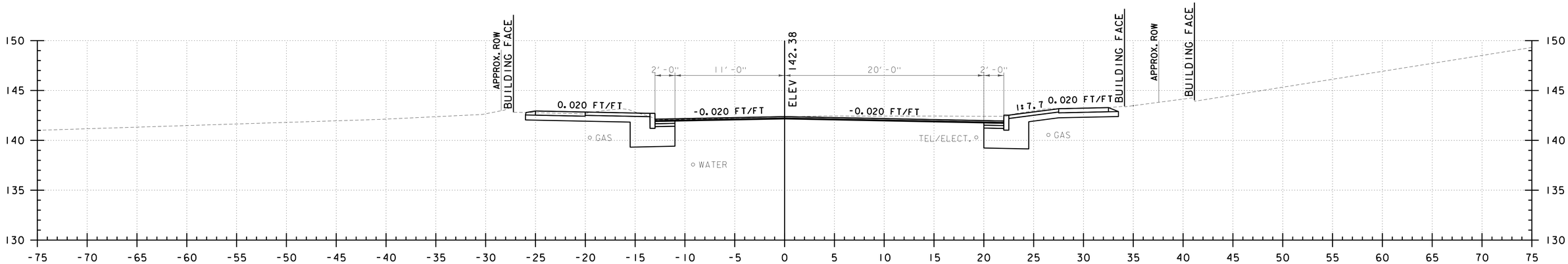
P 61+33
PINE STREET

0 5 10
SCALE IN FEET

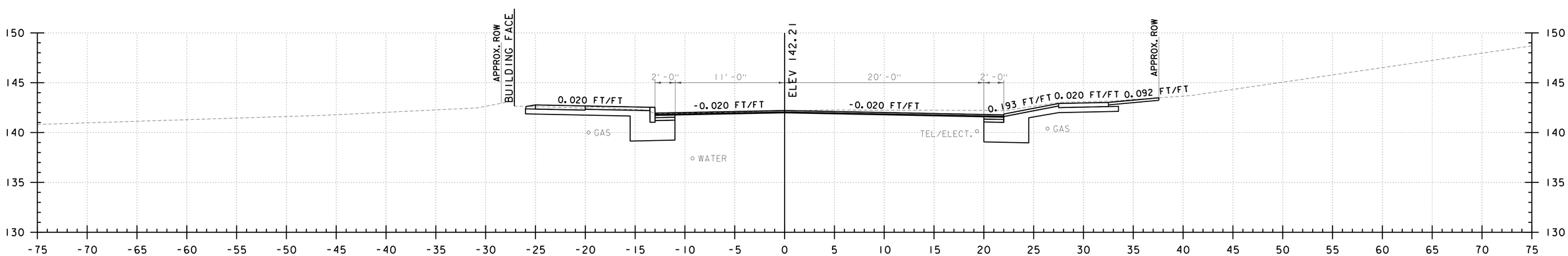
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 85 (XS-103)	SHEET 318 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 61+50
PINE STREET



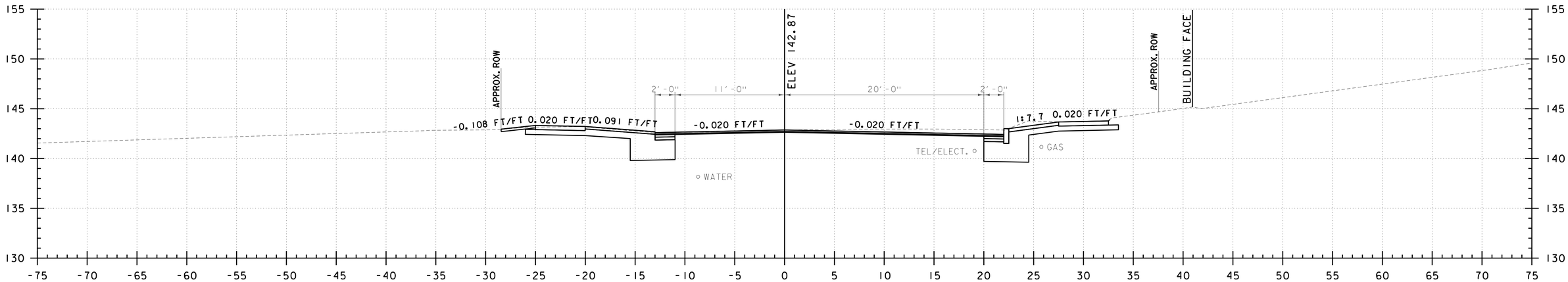
P 61+43
PINE STREET

0 5 10
SCALE IN FEET

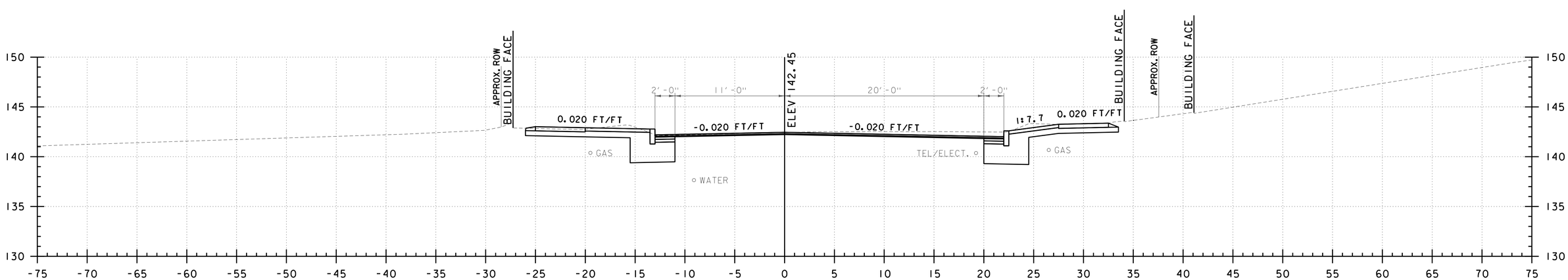
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M50001(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 86 (XS-104)	SHEET 319 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 61+70
PINE STREET



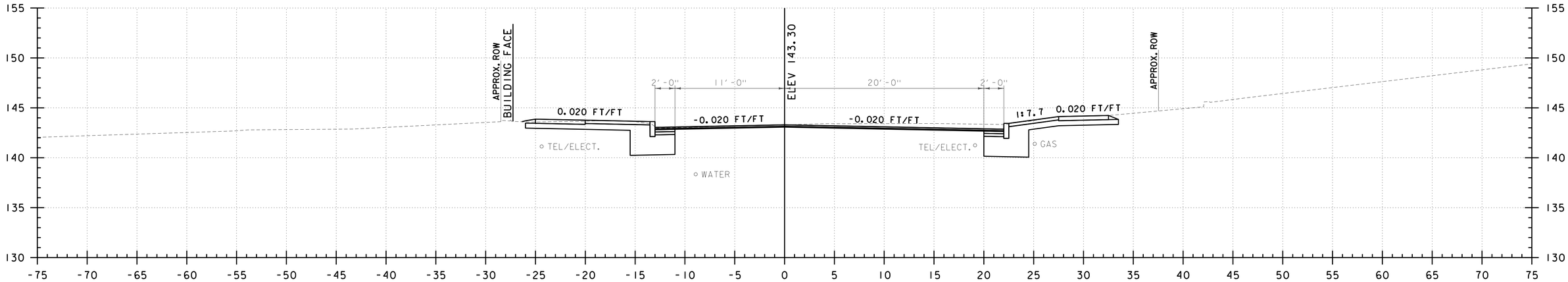
P 61+53
PINE STREET

0 5 10
SCALE IN FEET

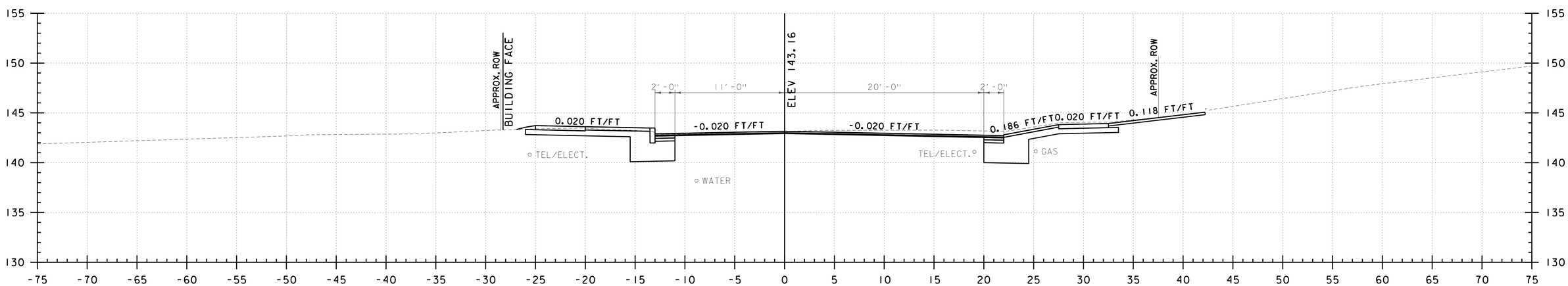
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 87 (XS-105)	SHEET 320 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 61+88
PINE STREET



P 61+82
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 88 (XS-106)	SHEET 321 OF 339

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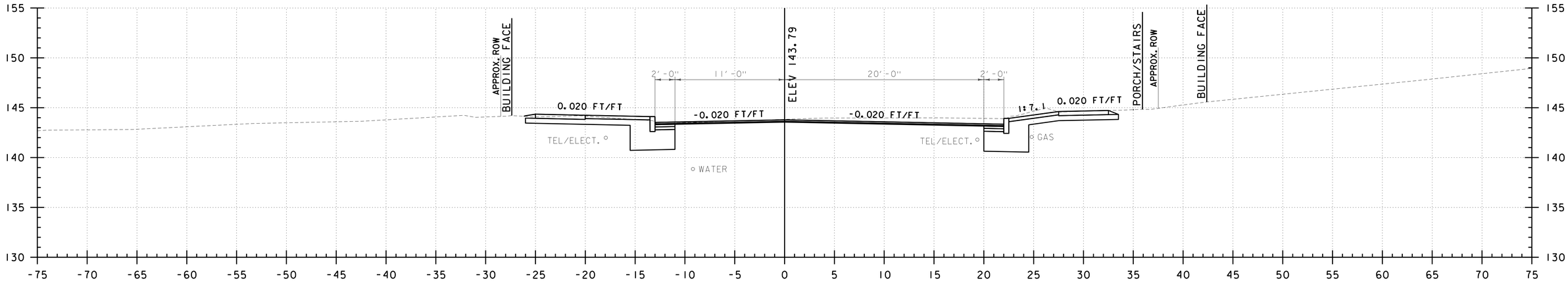
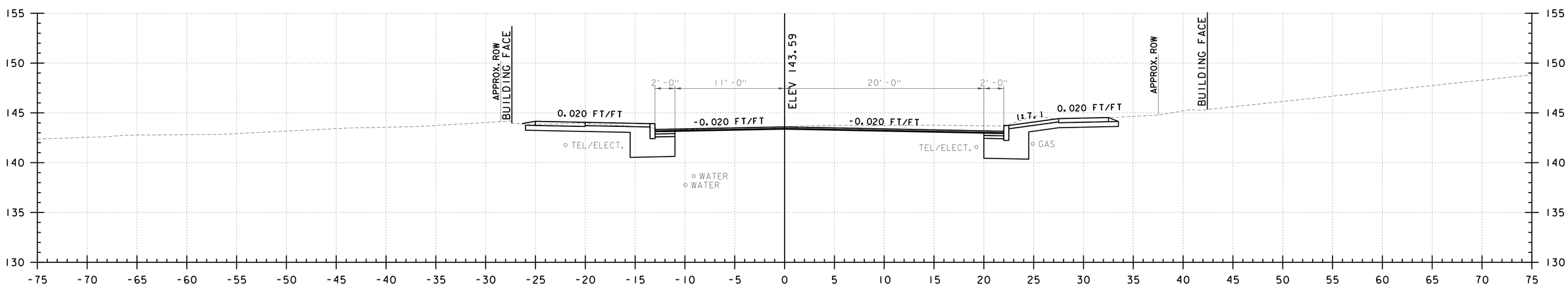
DATE/TIME =2/17/2016
USER =4916



P 62+08
PINE STREET



P 62+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 89 (XS-107)	SHEET 322 OF 339

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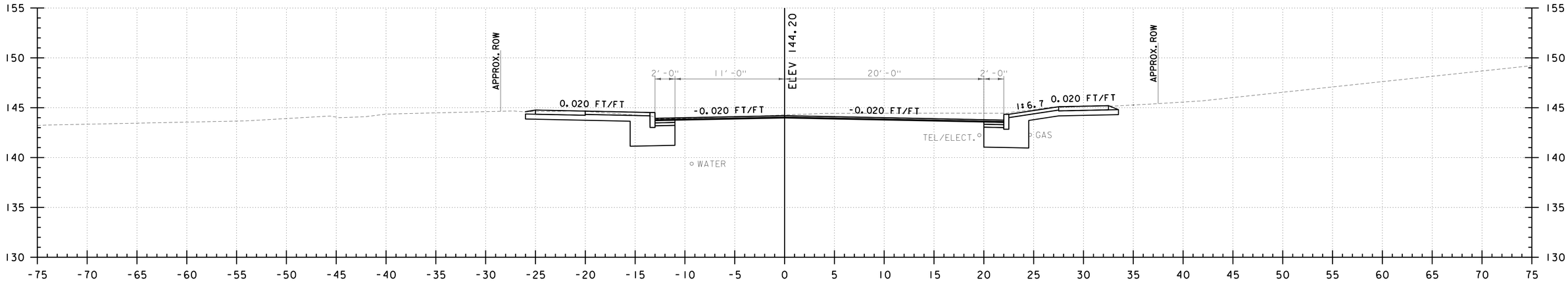
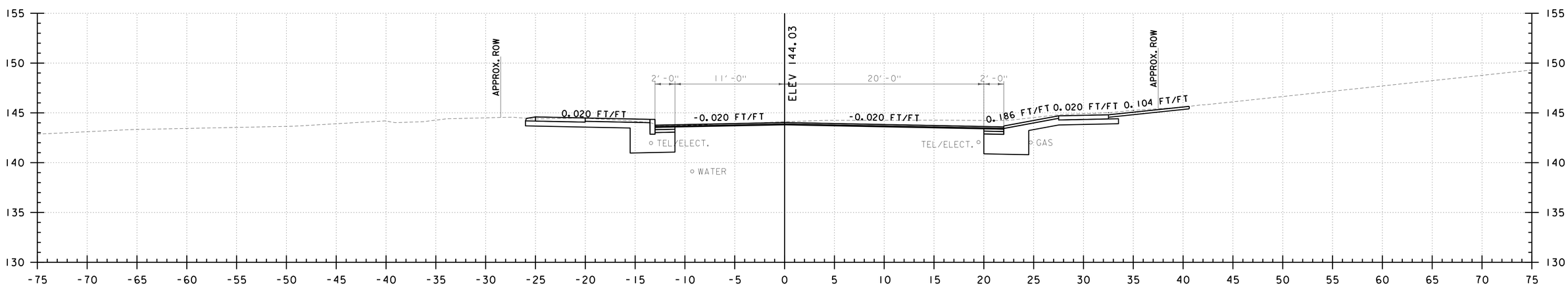
DATE/TIME =2/17/2016
USER =4916



P 62+25
PINE STREET



P 62+18
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 90 (XS-108)	SHEET 323 OF 339

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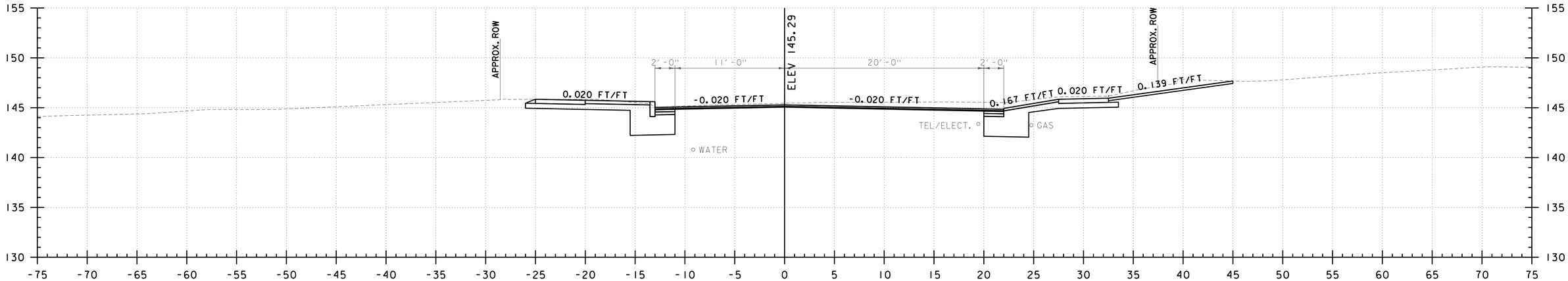
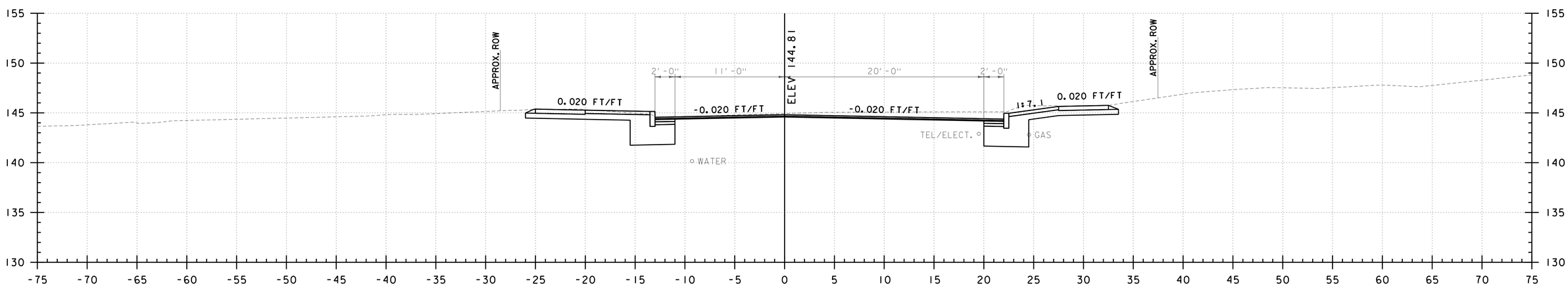
DATE/TIME =2/17/2016
USER =4916



P 62+68
PINE STREET



P 62+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 91 (XS-109)	SHEET 324 OF 339

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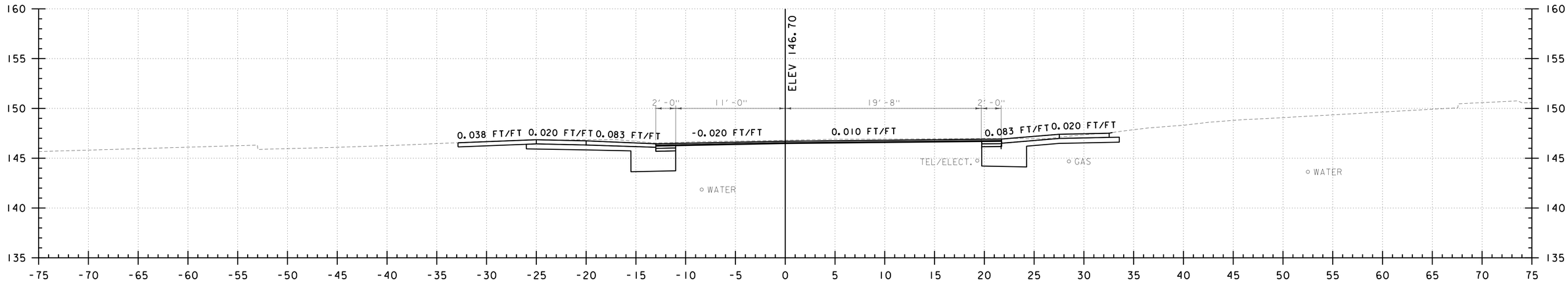
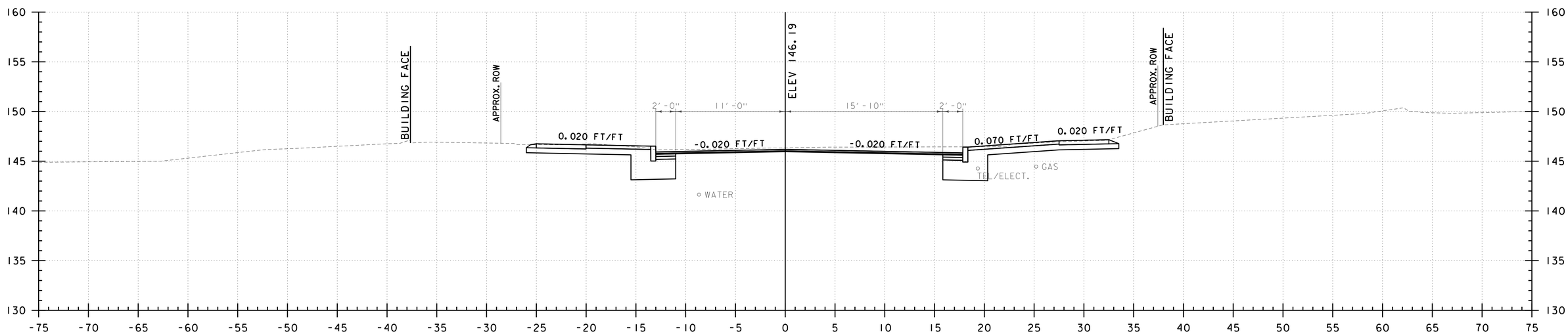
DATE/TIME =2/17/2016
USER =4916



P 63+17
PINE STREET



P 63+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 92 (XS-110)	SHEET 325 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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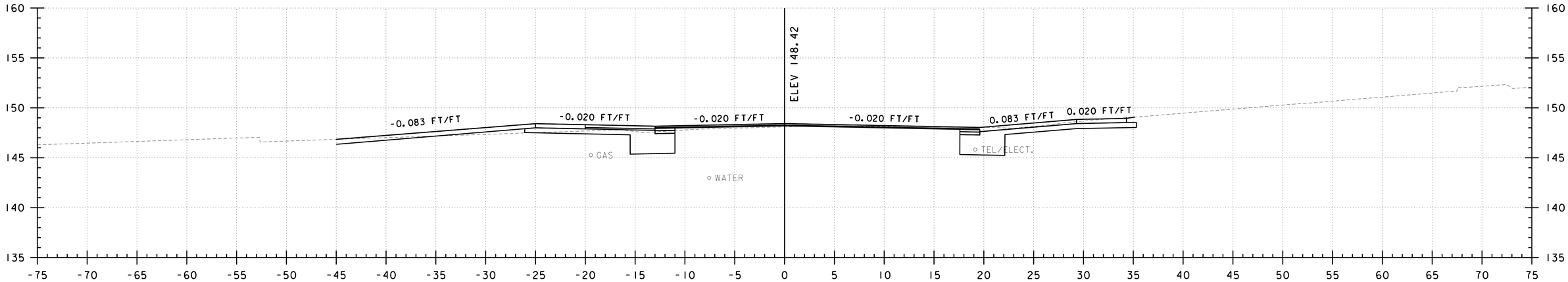
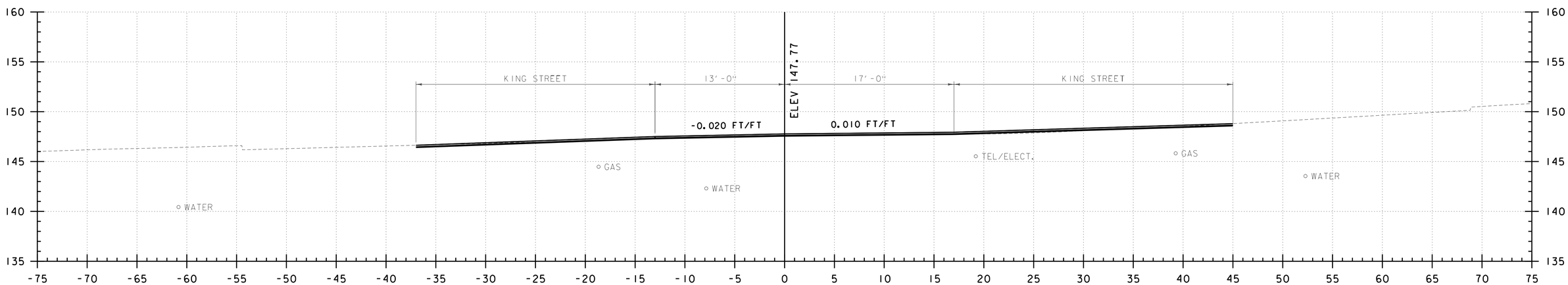


P 63+69
PINE STREET



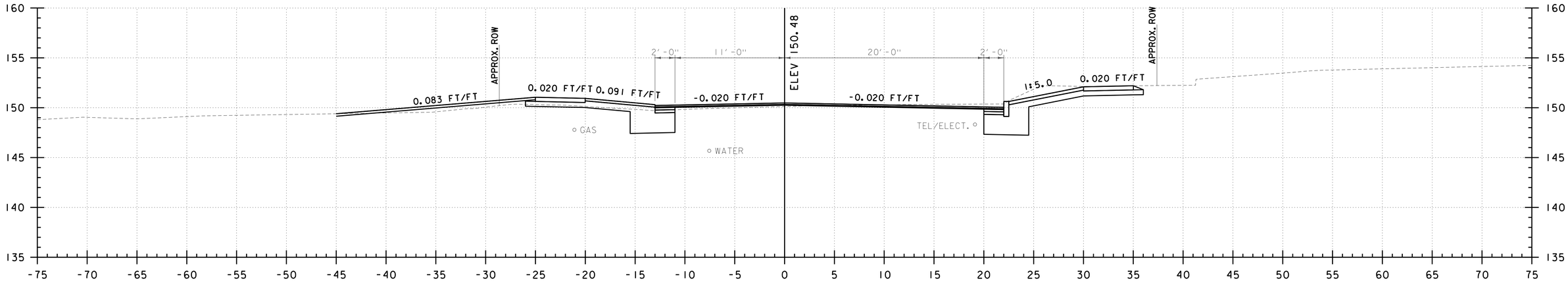
P 63+50
PINE STREET

0 5 10
SCALE IN FEET

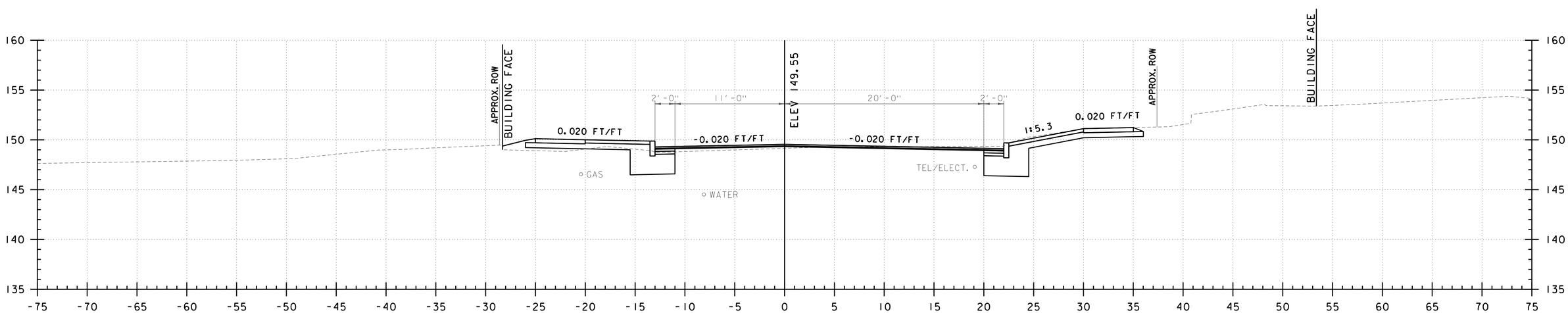
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 93 (XS-111)	SHEET 326 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 64+24
PINE STREET



P 64+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 94 (XS-112)	SHEET 327 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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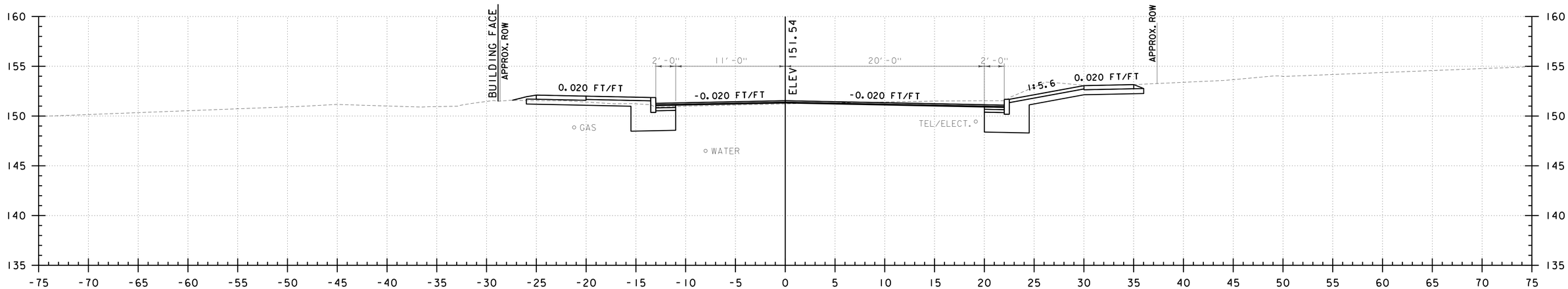
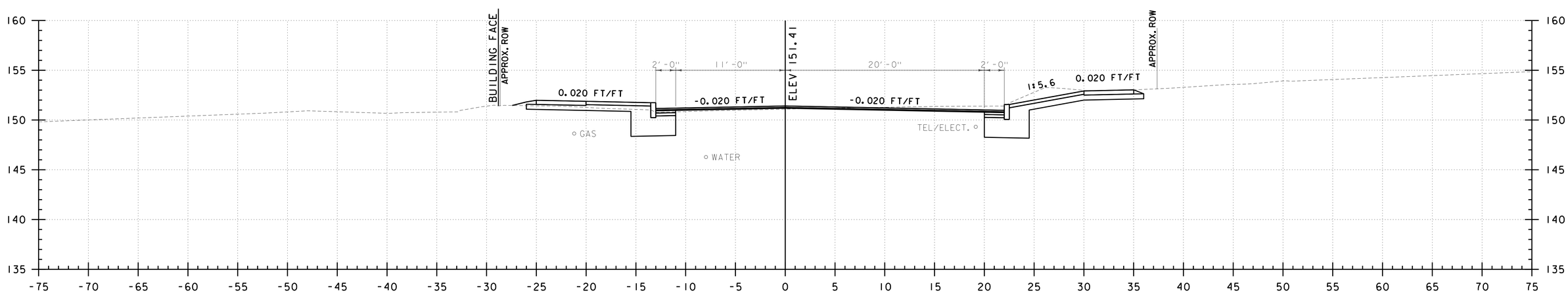


P 64+50
PINE STREET



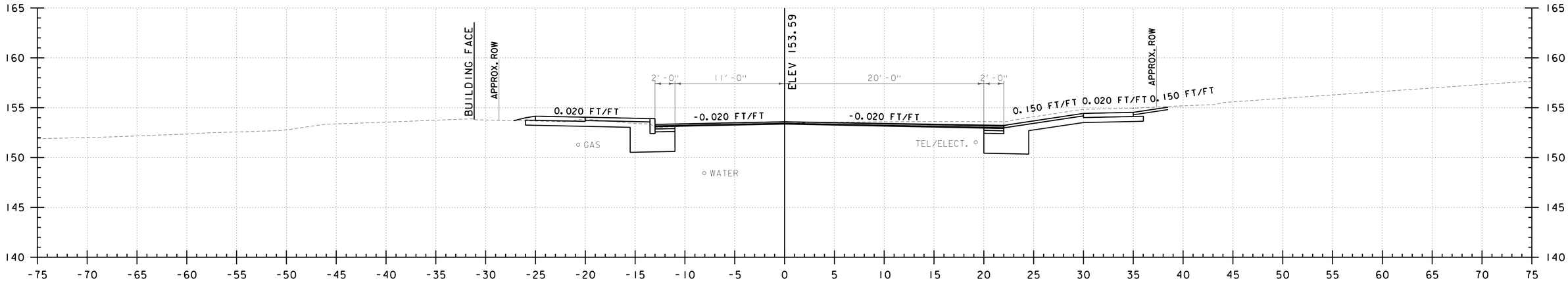
P 64+47
PINE STREET

0 5 10
SCALE IN FEET

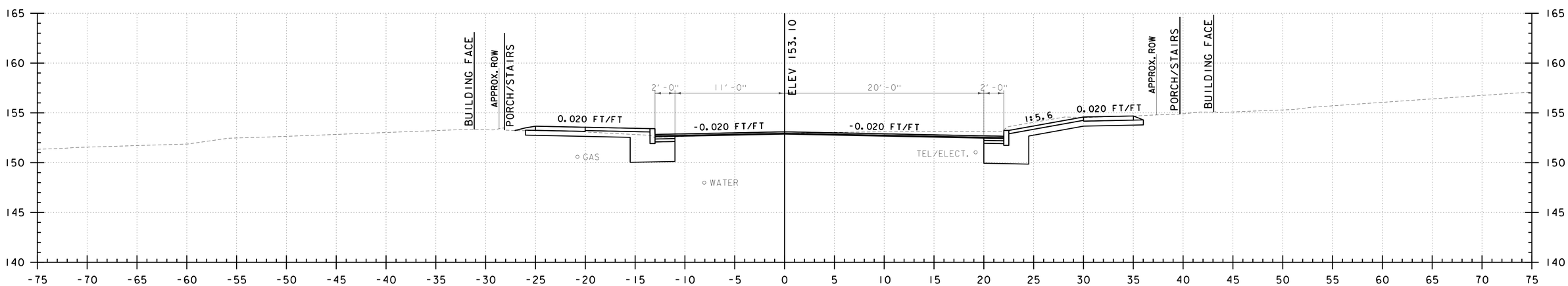
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 95 (XS-113)	SHEET 328 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 64+97
PINE STREET



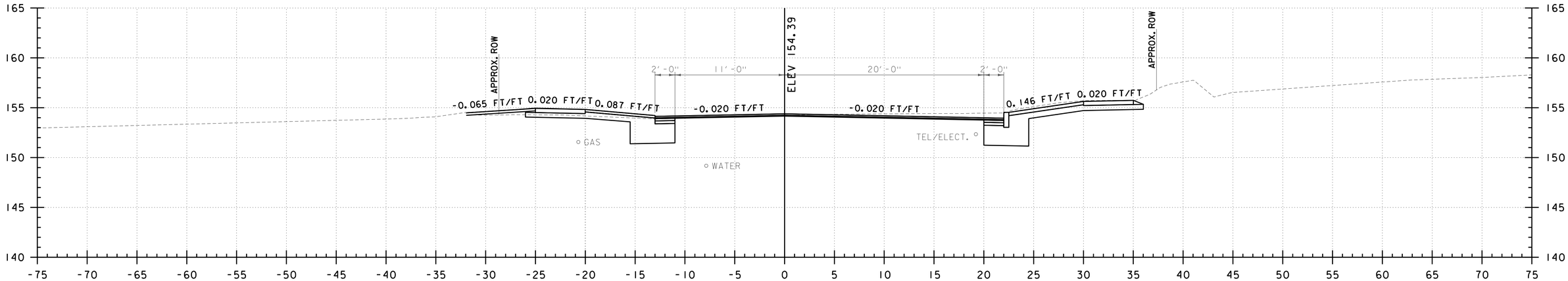
P 64+86
PINE STREET

0 5 10
SCALE IN FEET

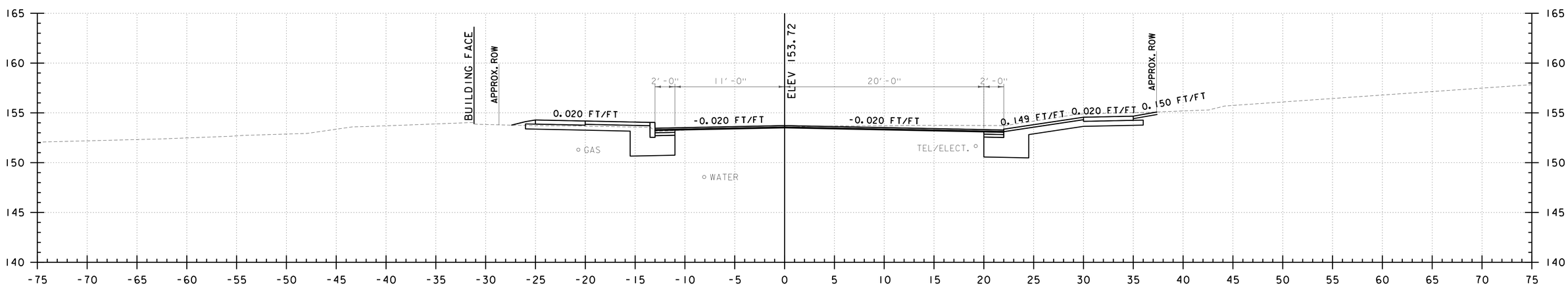
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 96 (XS-114)	SHEET 329 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 65+15
PINE STREET



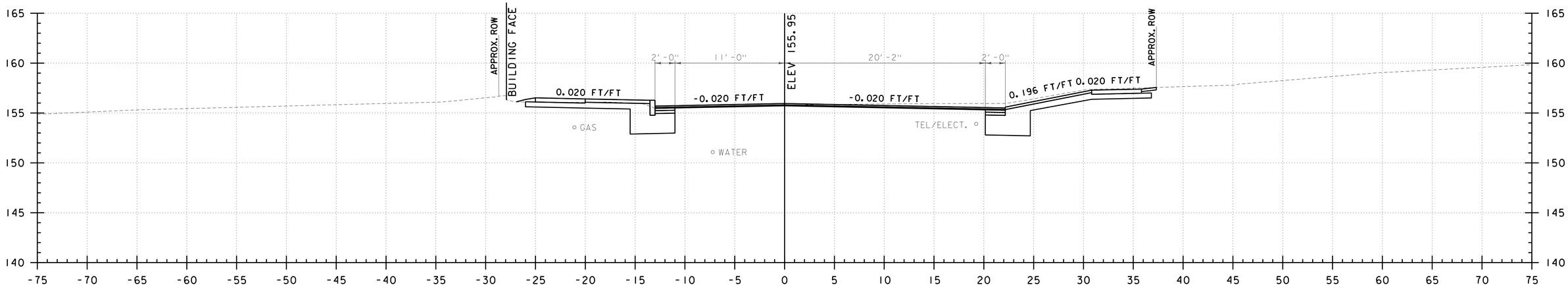
P 65+00
PINE STREET

0 5 10
SCALE IN FEET

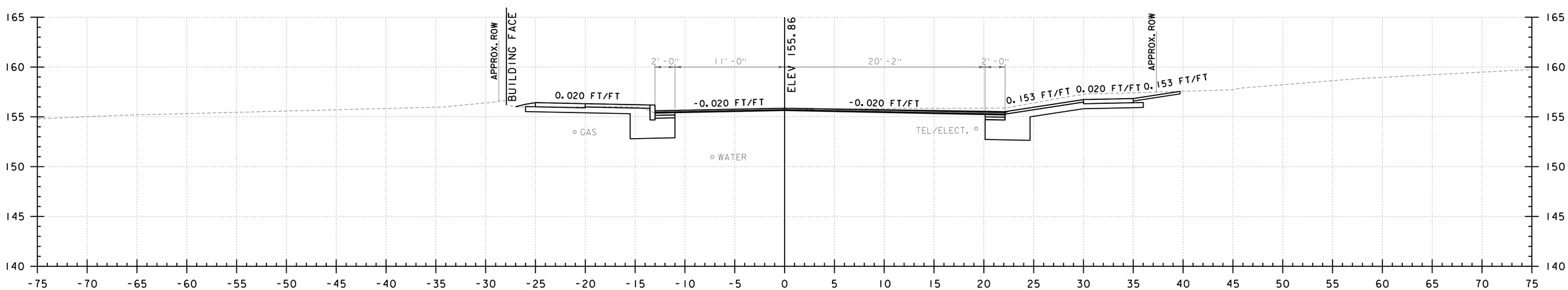
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 97 (XS-115)	SHEET 330 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 65+50
PINE STREET



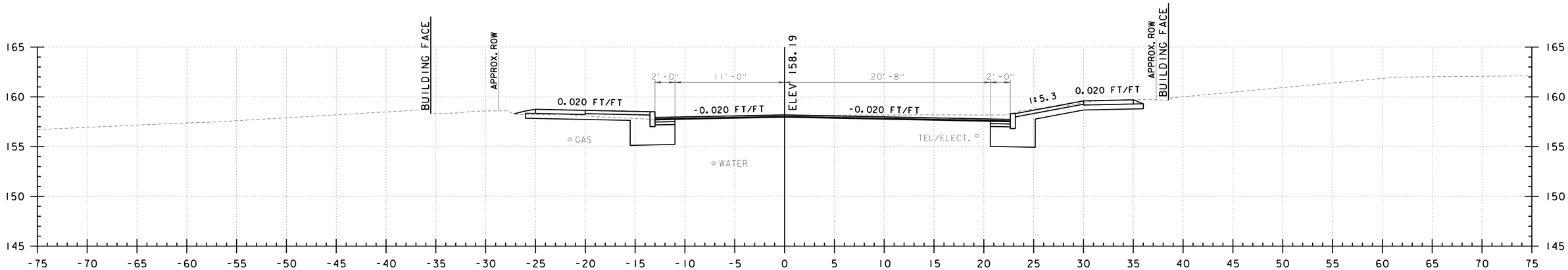
P 65+48
PINE STREET

0 5 10
SCALE IN FEET

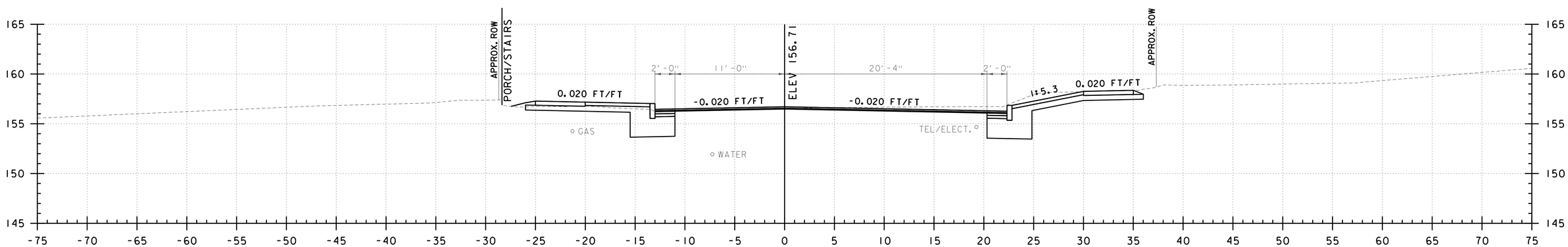
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 98 (XS-116)	SHEET 331 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 66+00
PINE STREET



P 65+67
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 99 (XS-117)	SHEET 332 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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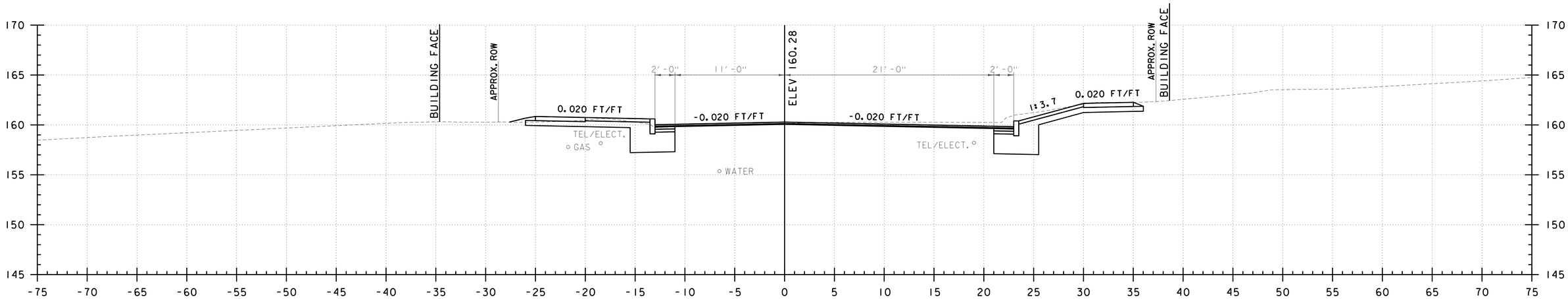
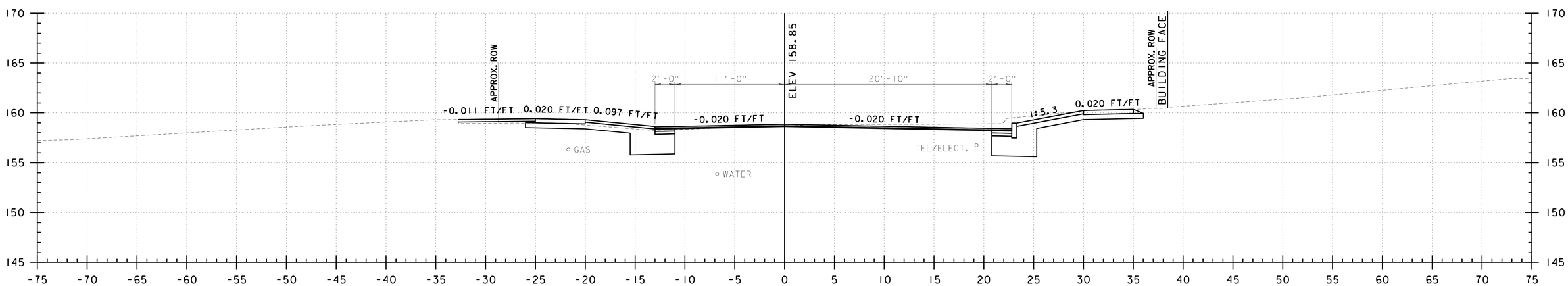


P 66+47
PINE STREET



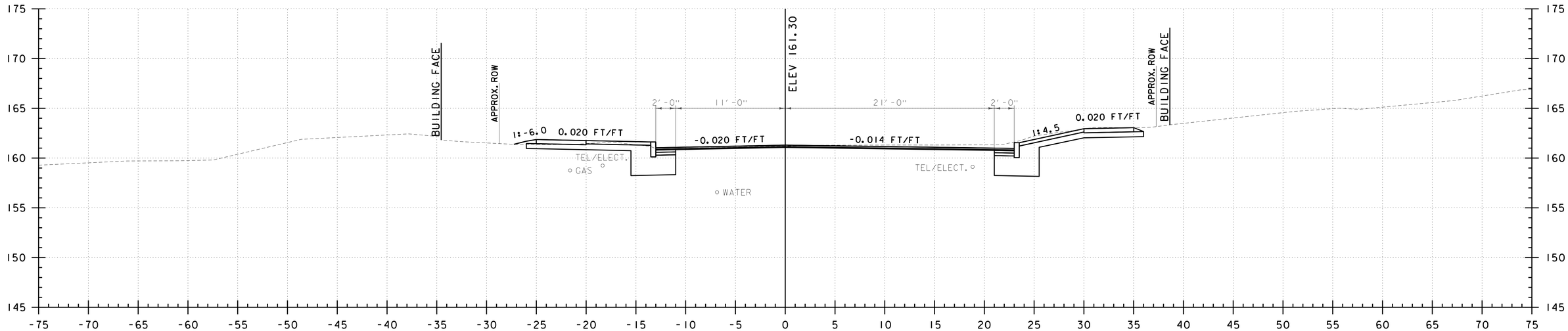
P 66+15
PINE STREET

0 5 10
SCALE IN FEET

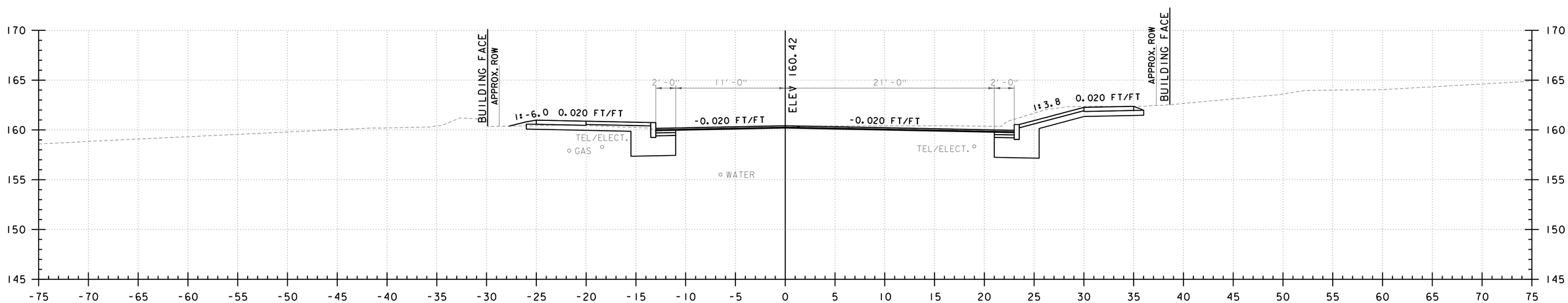
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 100 (XS-118)	SHEET 333 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 66+70
PINE STREET



P 66+50
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 101 (XS-119)	SHEET 334 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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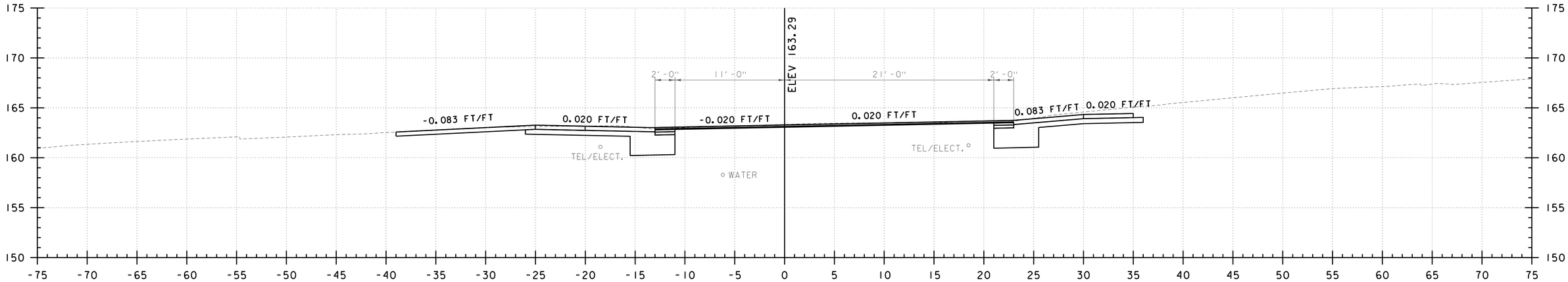
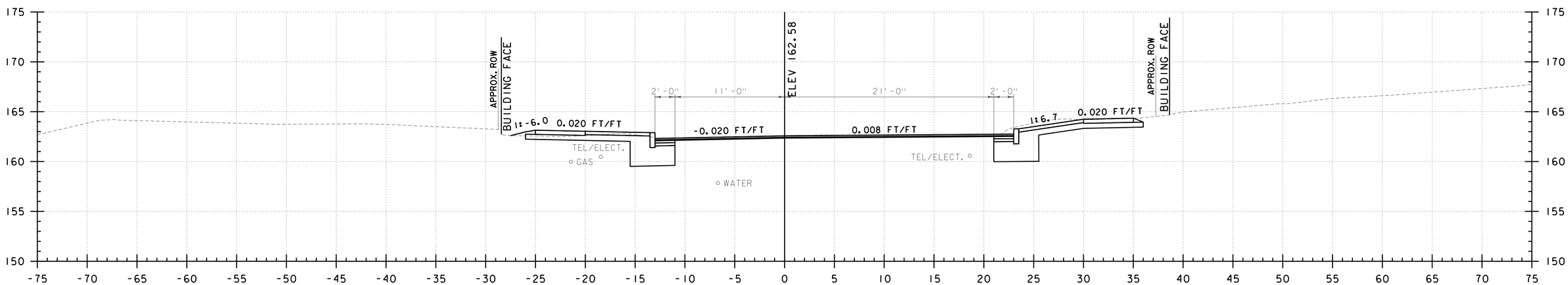


P 67+17
PINE STREET



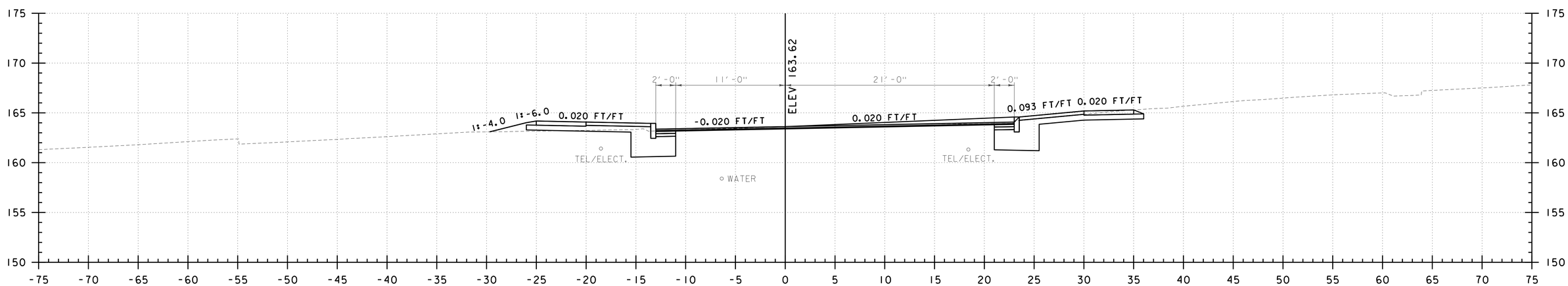
P 67+00
PINE STREET

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 102 (XS-120)	SHEET 335 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



P 67+25
PINE STREET

0 5 10
SCALE IN FEET

CHA

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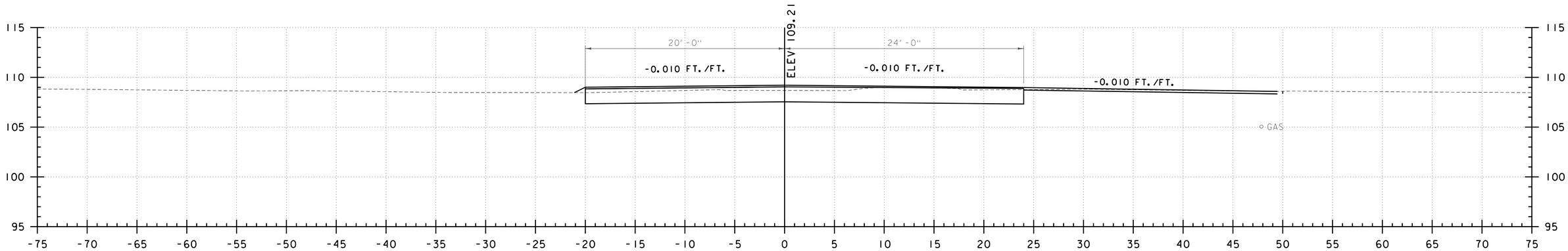
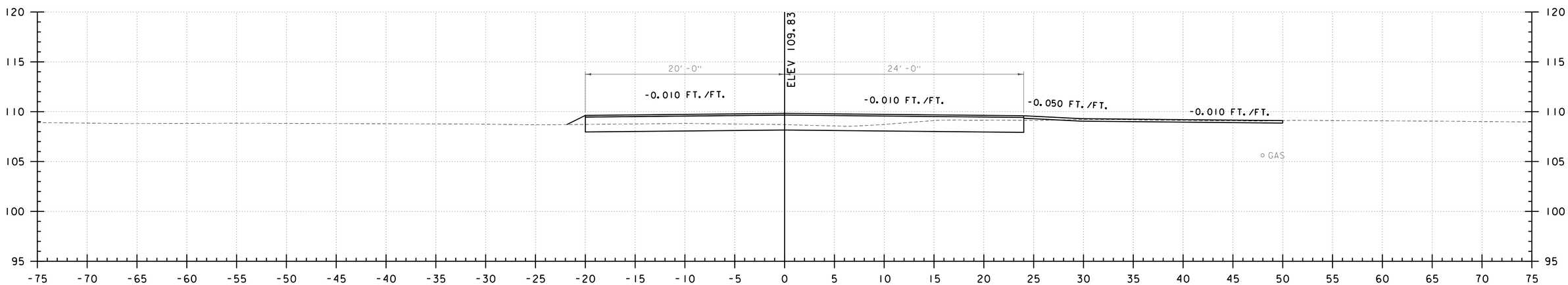
PROJECT NUMBER: MEGC - M50001(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
PINE ST CROSS SECTION SHEET 103 (XS-121)	SHEET 336 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



MD 1+50
MALTEX DRIVEWAY



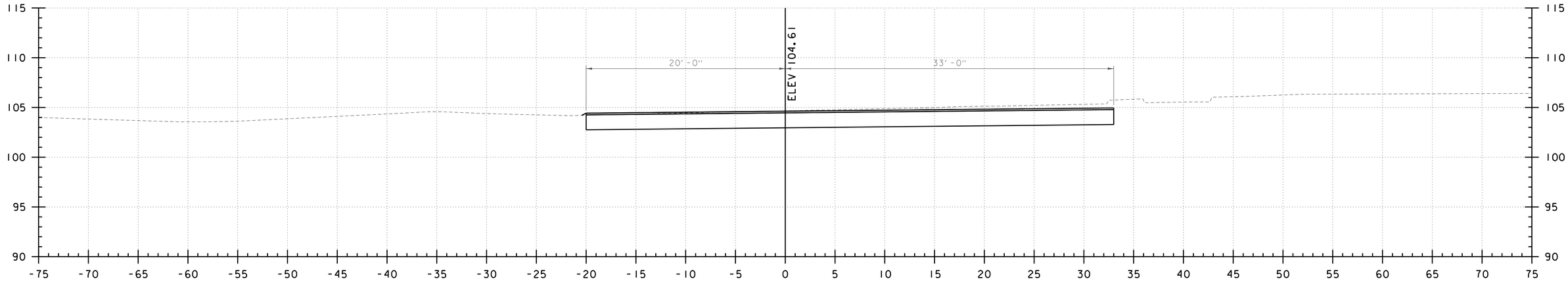
MD 1+40
MALTEX DRIVEWAY

0 5 10
SCALE IN FEET

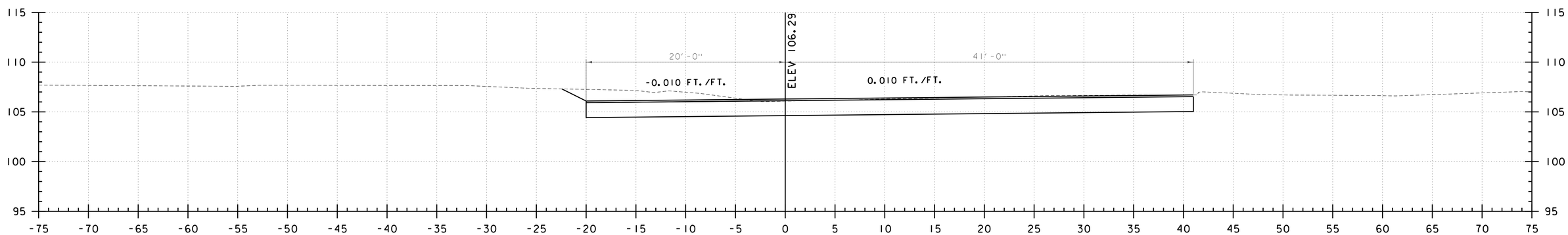
CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MALTEX DRIVE CROSS SECTION SHEET 1 (XS-122)	SHEET 337 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



MD 2+50
MALTEX DRIVEWAY



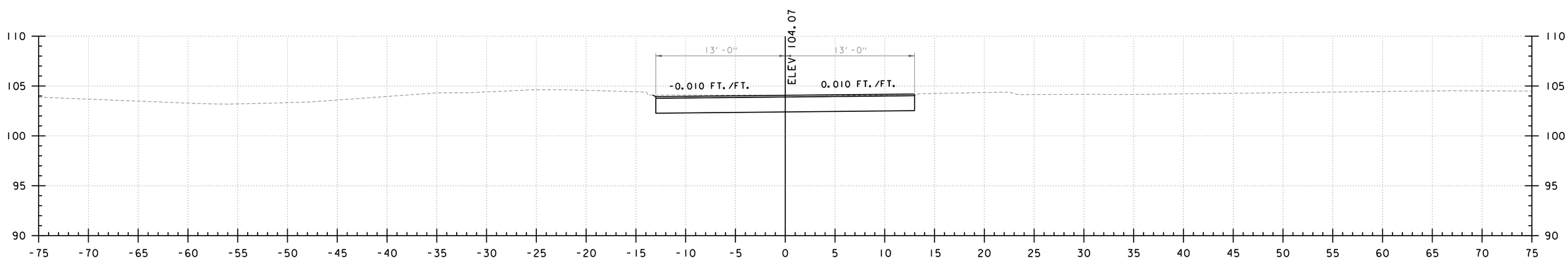
MD 2+00
MALTEX DRIVEWAY

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MALTEX DRIVE CROSS SECTION SHEET 2 (XS-123)	SHEET 338 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
USER =4916



MD 2+88
MALTEX DRIVEWAY

0 5 10
SCALE IN FEET

CHA

PROJECT NAME: CHAMPLAIN PARKWAY	
PROJECT NUMBER: MEGC - M5000(1) C/6	
FILE NAME: z87d078xs_c6.dgn	PLOT DATE: 2/17/2016
PROJECT LEADER: D. GOZALKOWSKI	DRAWN BY: J. HEALD
DESIGNED BY: J. SCUDDER	CHECKED BY: J. SHIELDS
MALTEX DRIVE CROSS SECTION SHEET 3 (XS-124)	SHEET 339 OF 339

FILE NAME =U:\8659\870878\Consultants\z87d078xs_c6.dgn
DATE/TIME =2/17/2016
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