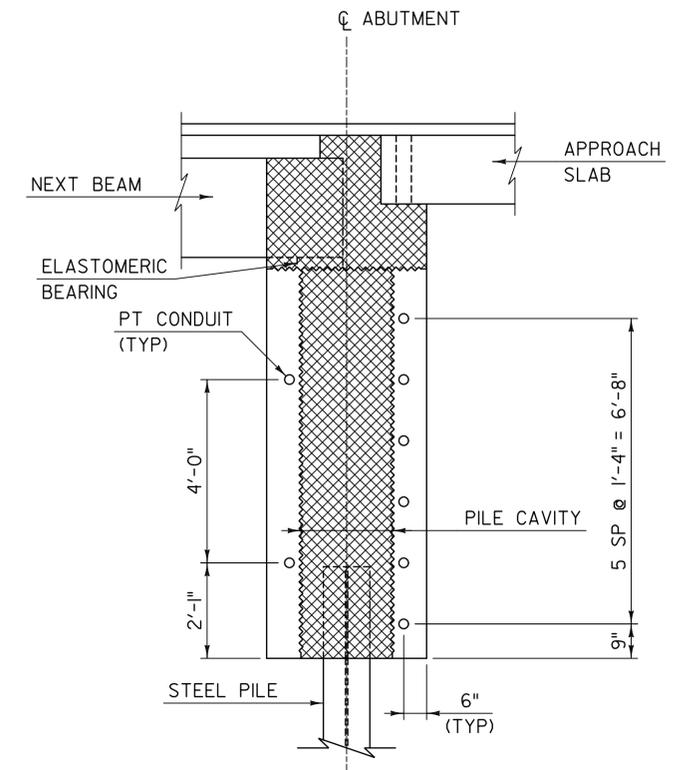
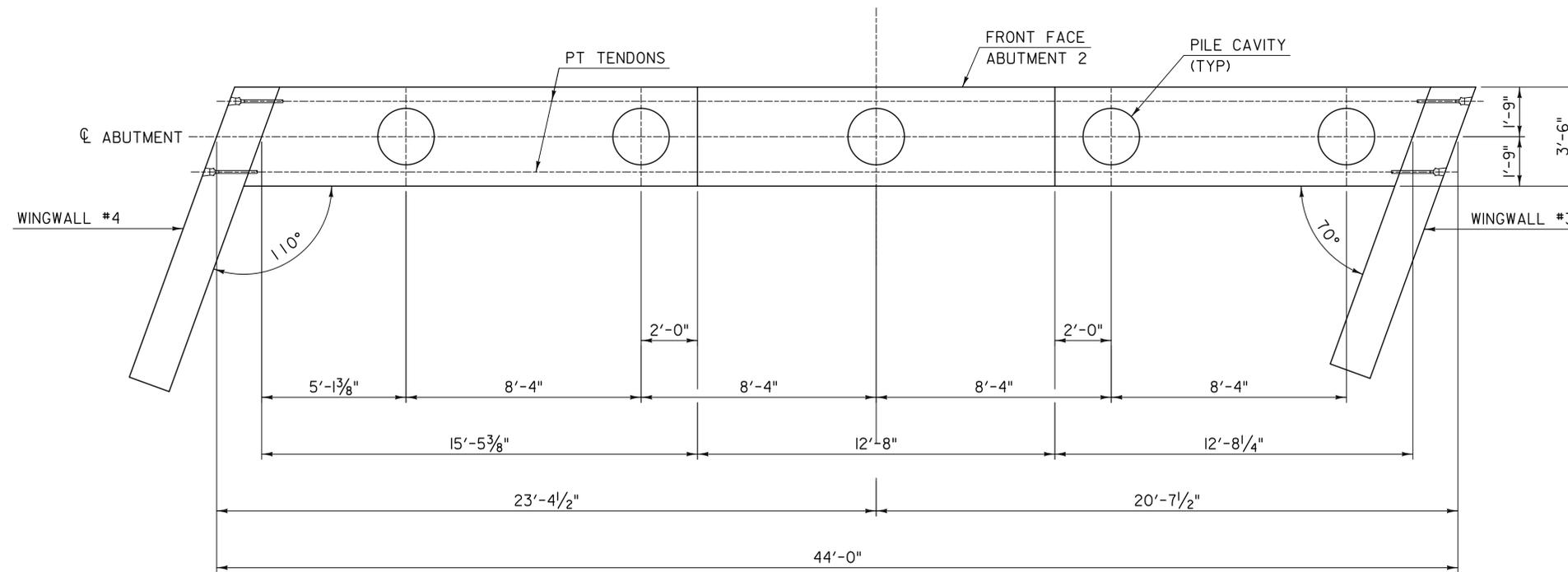


ABUTMENT #1 - PLAN
SCALE: 3/8" = 1'-0"



ABUTMENT TYPICAL
SCALE: 1/2" = 1'-0"



ABUTMENT #2 - PLAN
SCALE: 3/8" = 1'-0"

NOTES:

1. GEOMETRY SHOWN HEREIN IS AN UNDERSTANDING OF THE CONTRACTOR'S INTENDED PRECAST ABUTMENT CONSTRUCTION AND IS PROVIDED TO QUALIFY THE POST-TENSIONING DESIGN. DETAILS SHOWN HEREIN ARE INTENDED TO CONVEY TRANSVERSE POST-TENSIONING DESIGN ONLY. ALL GEOMETRY, MILD STEEL REINFORCEMENT, PROJECT NOTES, AND DETAILS NOT SHOWN HEREIN SHALL BE IN ACCORDANCE WITH THE ORIGINAL BRIDGE REPLACEMENT PLAN SET PREPARED BY VTRANS.
2. THERE SHALL BE A SINGLE POST-TENSIONING TENDON PER DUCT. POST-TENSIONING DESIGN VALUES ARE AS FOLLOWS:
 - TENDONS SHALL BE 0.6 INCH DIAMETER, AASHTO M 203 LOW RELAXATION 7-WIRE STRANDS.
 - JACKING FORCE PER TENDON = 42 KIPS.
 - ANCHOR SET SHALL BE 1/4 INCH OR LESS.
 - APPARENT MODULUS OF ELASTICITY (TENDONS) = 28,500 KSI.
3. TENDON STRESSING SEQUENCE SHALL BEGIN NEAR THE CENTER OF THE ABUTMENT AND PROGRESS OUTWARD.
4. PILE CAVITIES SHALL BE FILLED PRIOR TO FULLY STRESSING THE TENDONS. TENDONS MAY BE JACKED TO 3 KIPS EACH PRIOR TO FILLING PILE CAVITIES.

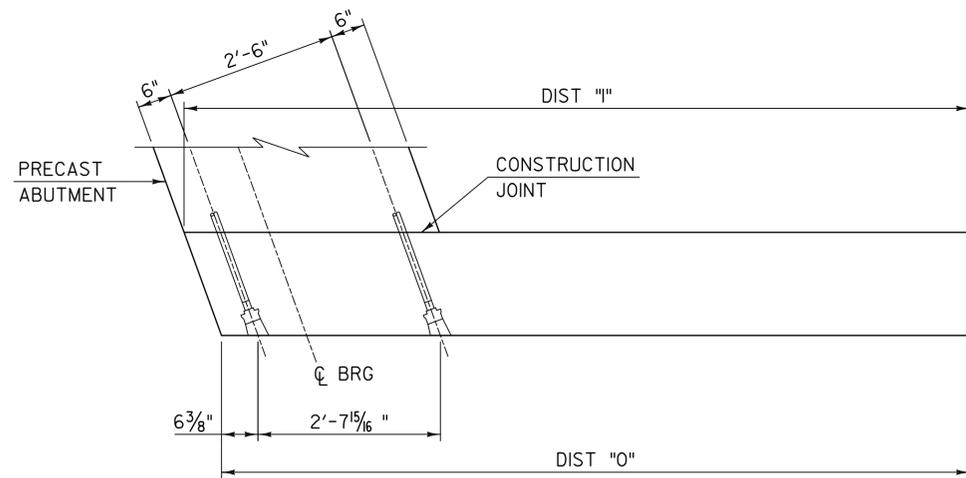


TYLIN INTERNATIONAL

PROJECT NAME: PITTSFIELD
PROJECT NUMBER: ER BRF 022-1(23)

FILE NAME: z86e060bdrabu1.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: J. OLUND
ABUTMENT 1 & 2 PLAN & SECTION

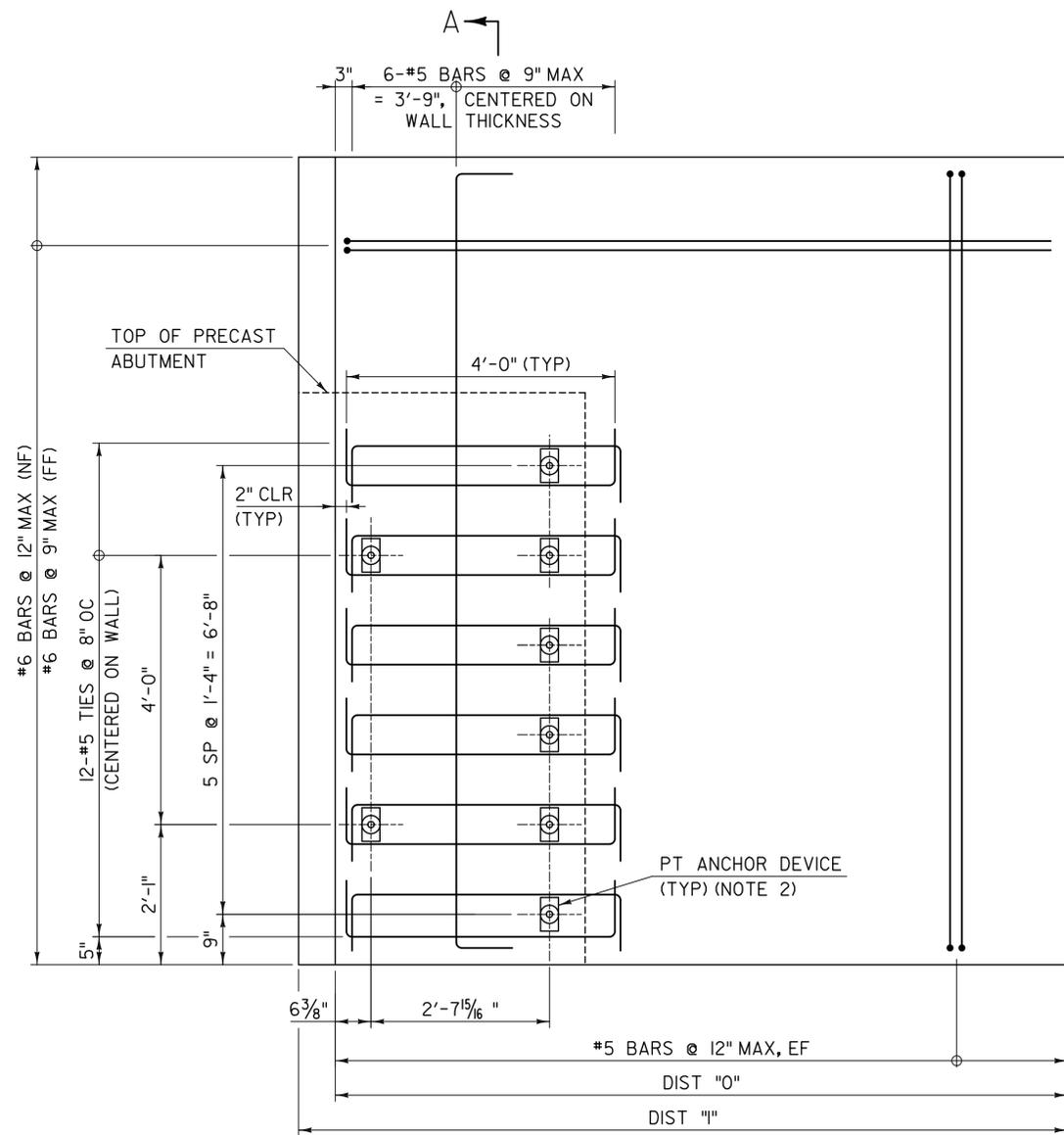
PLOT DATE: 3/3/2014
DRAWN BY: S. MORGAN
CHECKED BY: D. MYERS
SHEET 1 OF 2



WWI PLAN

SCALE: 3/4" = 1'-0"

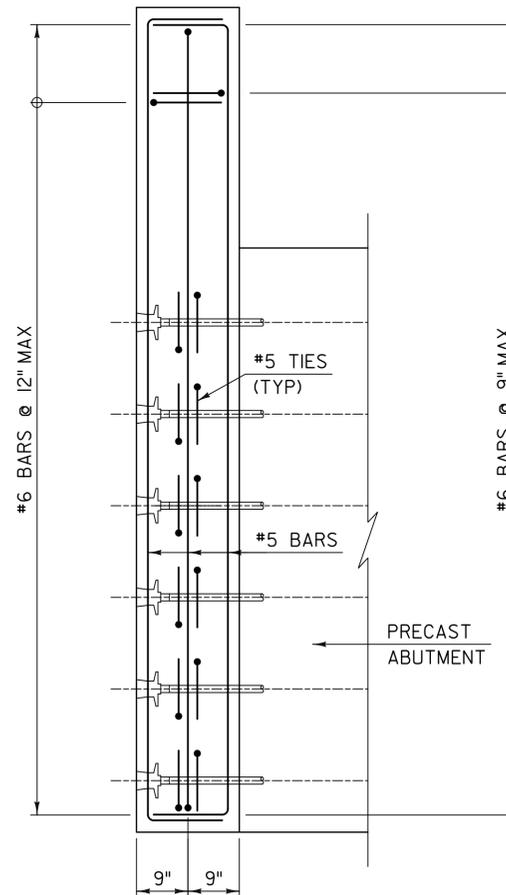
(REINFORCING STEEL NOT SHOWN FOR CLARITY)



WWI ELEVATION

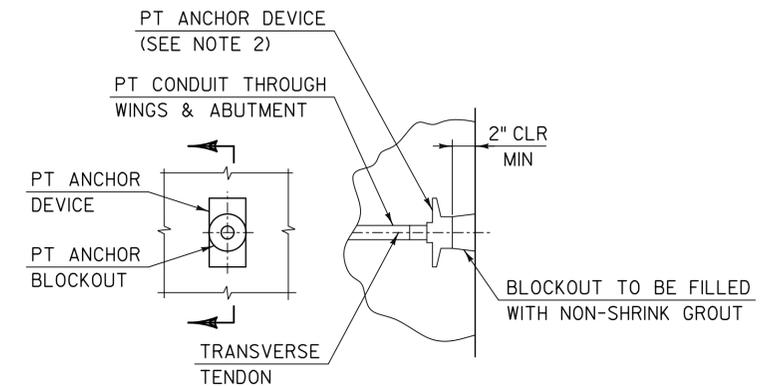
SCALE: 3/4" = 1'-0"

WINGWALL DIMENSIONS				
	WINGWALL 1	WINGWALL 2	WINGWALL 3	WINGWALL 4
DIST "1"	11'-8 3/4"	10'-8 1/4"	10'-8 1/4"	11'-8 3/4"
DIST "0"	11'-2 1/4"	11'-2 3/4"	11'-2 3/4"	11'-2 1/4"



SECTION A-A WWI TYPICAL

SCALE: 3/4" = 1'-0"



TRANSVERSE TENDON ANCHORAGE DETAIL

NOT TO SCALE

NOTES:

1. WWI SHOWN, OTHERS SHALL BE SIMILAR.
2. POST-TENSIONING ANCHOR DEVICE SHALL BE DYWIDAG ANCHOR CASTING GTISI-06 OR SIMILAR.
3. PRECAST WINGWALL MILD STEEL REINFORCEMENT SHOWN SHALL BE USED IN PLACE OF REINFORCEMENT DETAILED IN THE ORIGINAL PLAN SET.
4. DIMENSIONS AND ELEVATIONS NOT SHOWN SHALL BE CONSISTENT WITH THE ORIGINAL PLAN SET.



TYLIN INTERNATIONAL

PROJECT NAME:	PITTSFIELD	FILE NAME:	z86e060bdrabutdet.dgn	PLOT DATE:	3/3/2014
PROJECT NUMBER:	ER BRF 022-1(23)	PROJECT LEADER:	J. OLUND	DRAWN BY:	S. MORGAN
		DESIGNED BY:	T. POULIN	CHECKED BY:	J. OLUND
		WINGWALL DETAILS		SHEET	2 OF 2