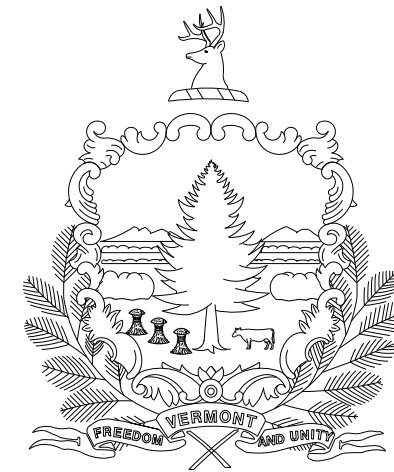


REVIEWER NOTES

1. IT IS ANTICIPATED THAT CHANNEL RIGHT-OF-WAY ACQUISITION WILL BE NECESSARY.
2. THERE ARE EXISTING OVERHEAD UTILITIES WITHIN THE PROJECT AREA WHICH WILL REQUIRE RELOCATION BY OTHERS.

STATE OF VERMONT AGENCY OF TRANSPORTATION

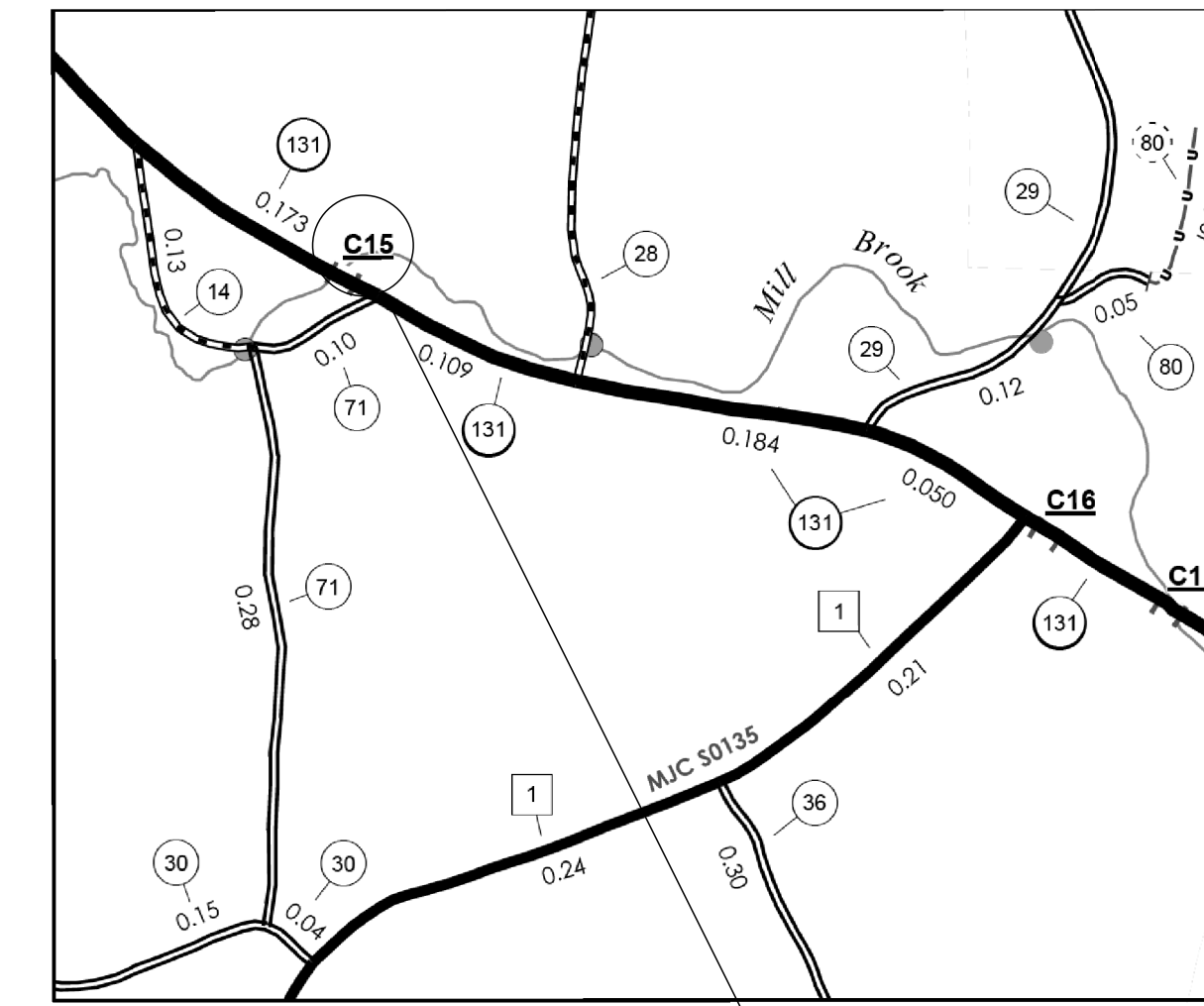


PROPOSED IMPROVEMENT BRIDGE PROJECT

TOWN OF WEATHERSFIELD

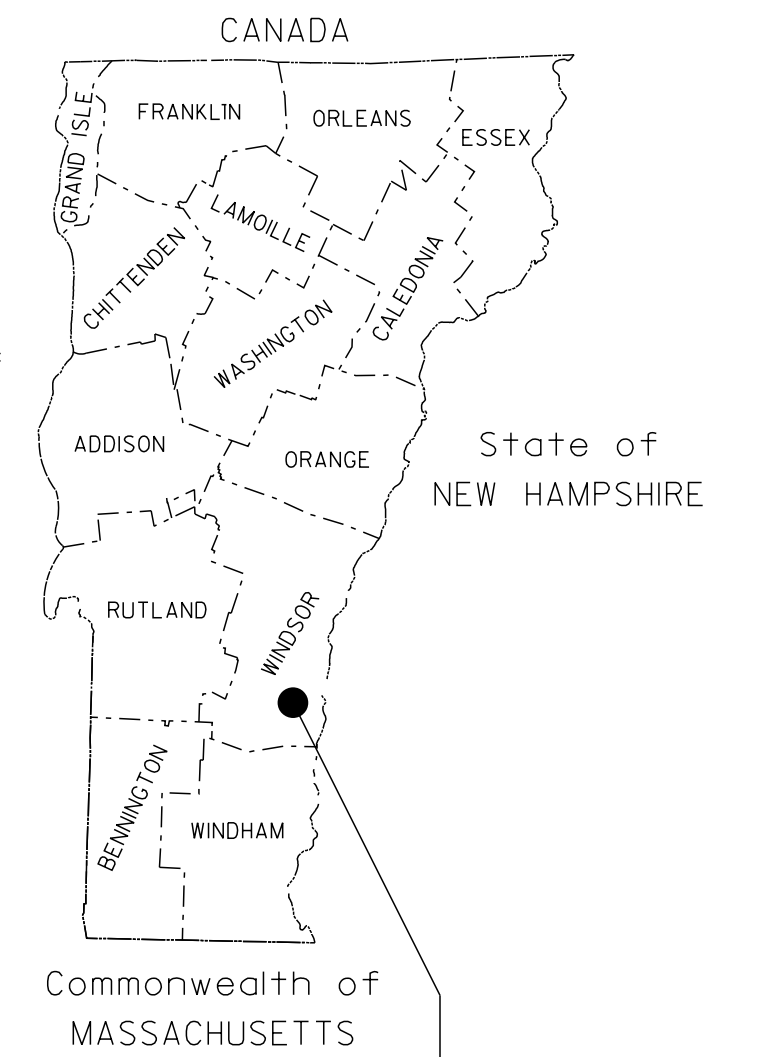
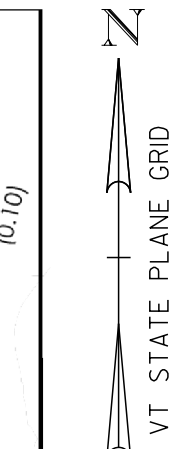
COUNTY OF WINDSOR

ROUTE NO : VT 131 ; BRIDGE NO : 15



LOCATION MAP

State of
NEW YORK



Commonwealth of
MASSACHUSETTS

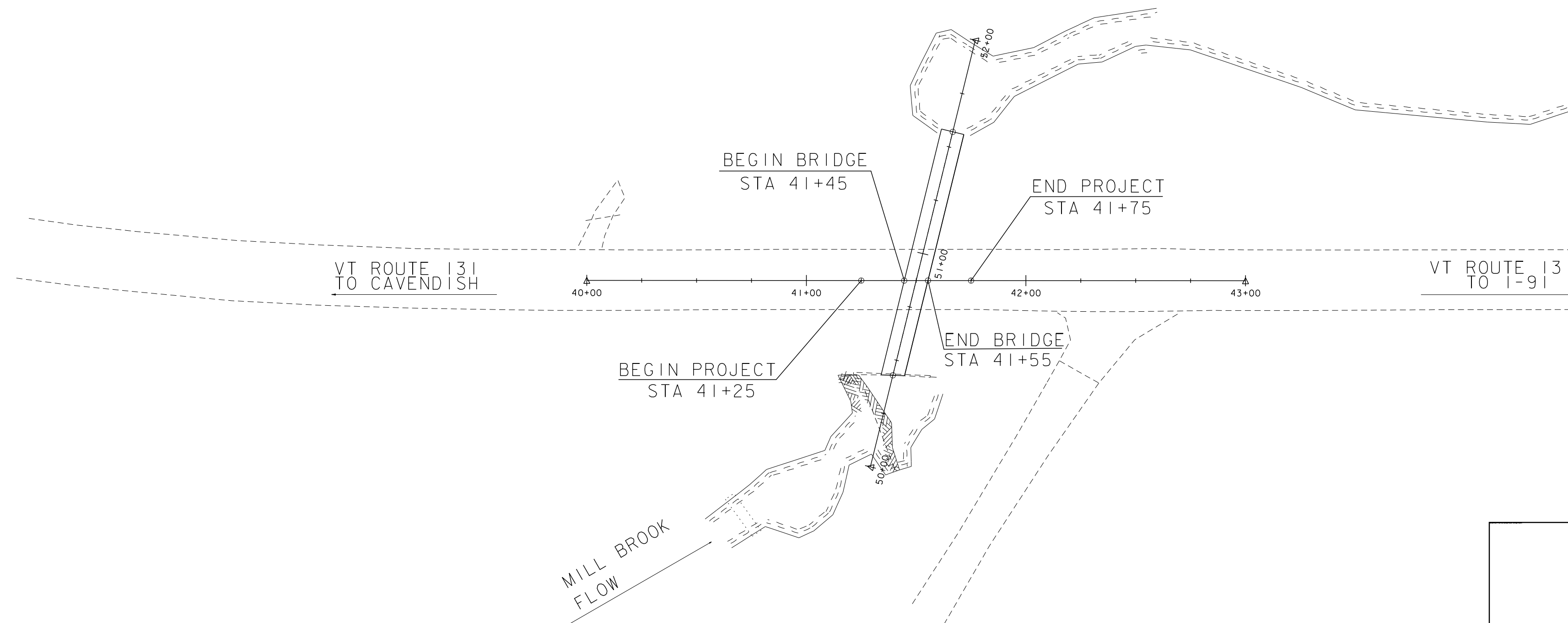
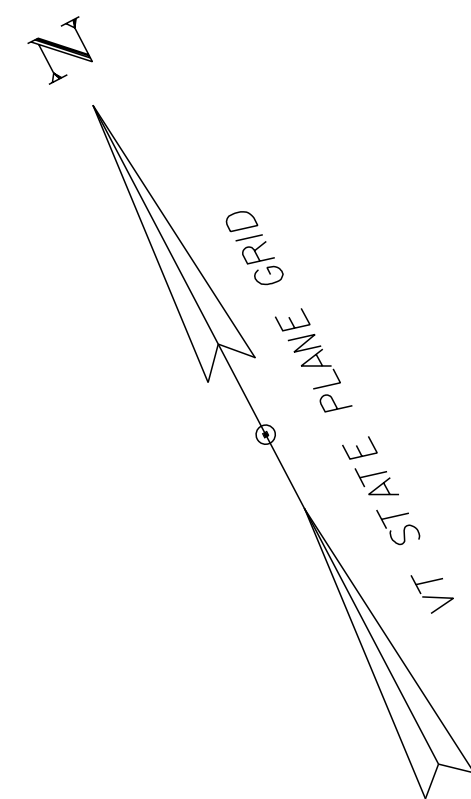
WEATHERSFIELD
STP 0146 (16)

PROJECT LOCATION: APPROXIMATELY 0.33 MILES WEST OF INTERSECTION WITH VT 131 AND TH-1.

PROJECT DESCRIPTION: THE PROJECT SHALL CONSIST OF LINING THE EXISTING CULVERT WITH A NEW CULVERT AND GROUTING SPACE IN BETWEEN, AND MINOR HEADWALL REPAIRS.

LENGTH OF STRUCTURE: 11 FEET

LENGTH OF PROJECT: 50 FEET



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 2 | |
| SURVEYED BY : | VTRANS |
| SURVEYED DATE : | 02/21/2014 |
| DATUM | |
| VERTICAL | NAVD88 |
| HORIZONTAL | NAVD83 (1996) |

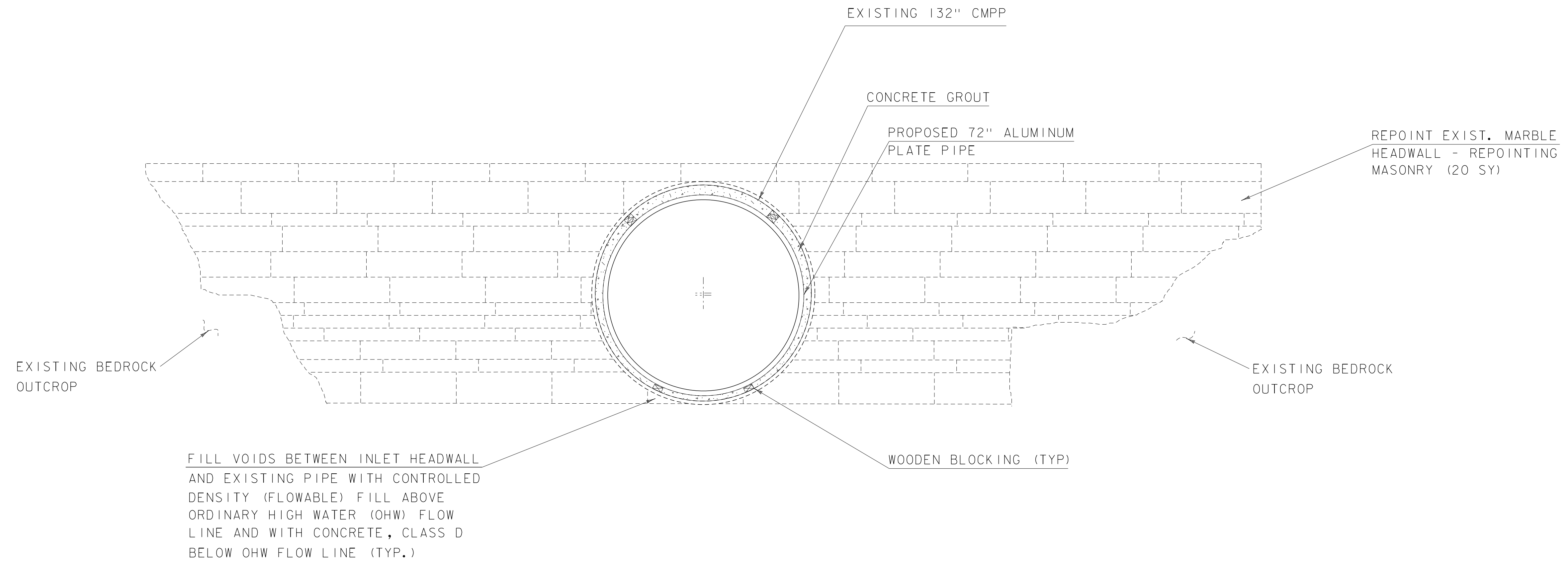
CONCEPTUAL PLANS JULY-14-2016

SCALE 1" = 40' - 0"
40 0 40



GM2 Associates, Inc.
197 Loudon Road, Suite 310
Concord, NH 03301
Tel: 603-856-7854
Fax: 603-856-7855

| | |
|------------------------------|---------------|
| DIRECTOR OF PROJECT DELIVERY | |
| APPROVED _____ | DATE _____ |
| PROJECT MANAGER : N. WARK | |
| PROJECT NAME : | WEATHERSFIELD |
| PROJECT NUMBER : | STP 0146 (16) |
| SHEET 1 OF 10 SHEETS | |



TYPICAL SECTION

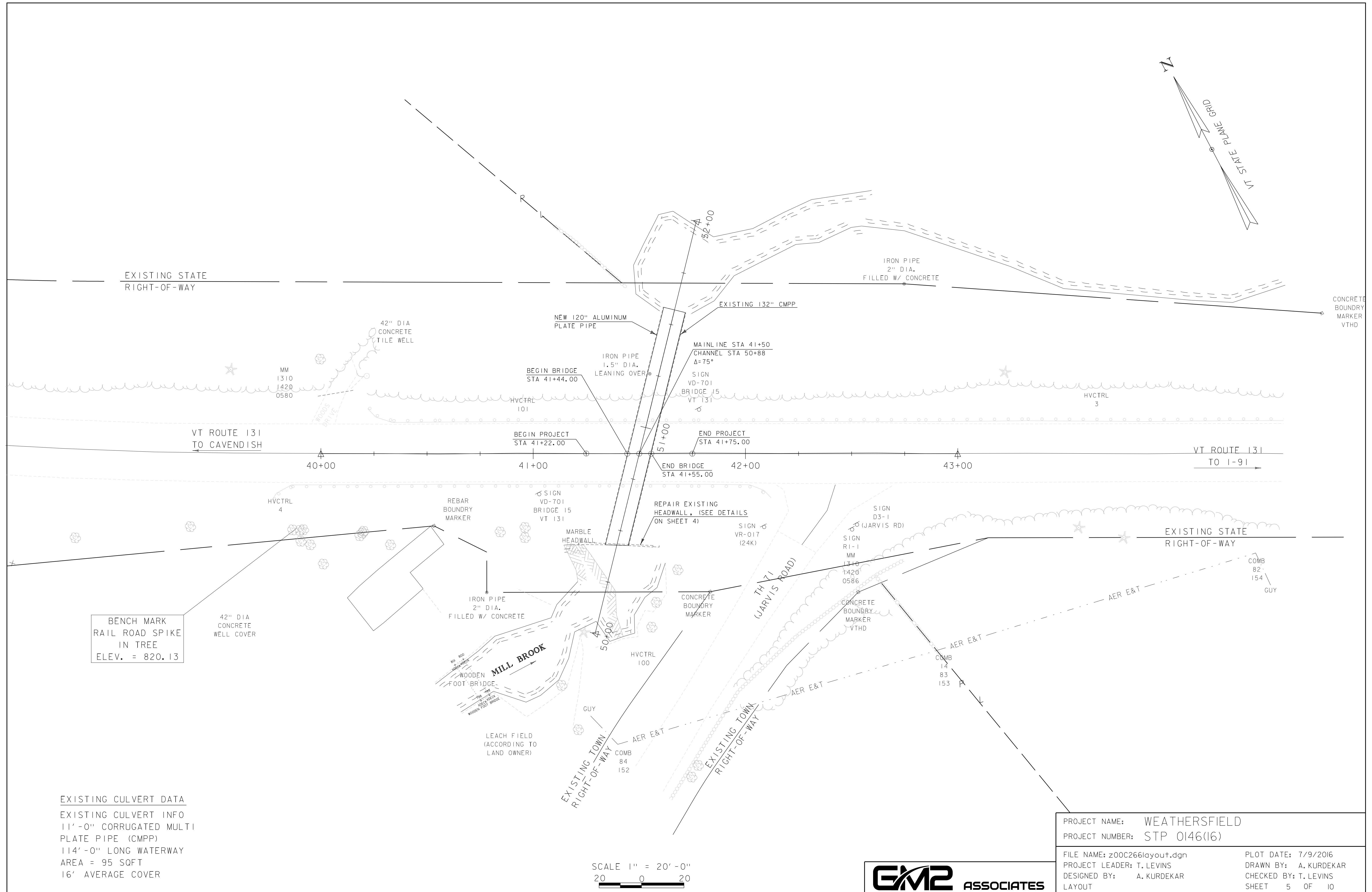
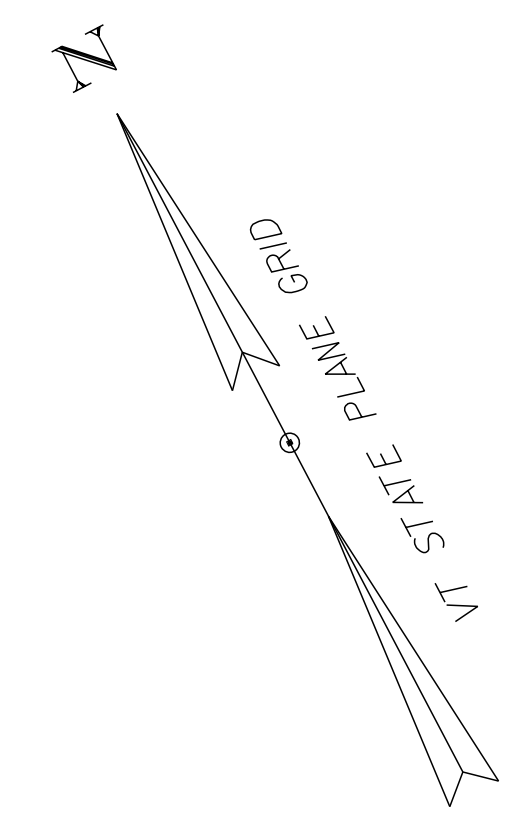
NOT TO SCALE

NOTE:

THE CONCRETE GROUT BETWEEN THE PIPES SHALL BE BEVELED AT THE INLET END. THE PROPOSED LINER PIPE SHALL BE SIX INCHES SHORTER THAN THE EXISTING PIPE TO CONSTRUCT THE BEVELED INLET.

| | |
|-----------------|---------------------|
| PROJECT NAME: | WEATHERSFIELD |
| PROJECT NUMBER: | STP 0146(16) |
| FILE NAME: | z00c266+typical.dgn |
| PROJECT LEADER: | T. LEVINS |
| DESIGNED BY: | A. KURDEKAR |
| TYPICAL SECTION | |
| PLOT DATE: | 7/5/2016 |
| DRAWN BY: | A. KURDEKAR |
| CHECKED BY: | T. LEVINS |
| SHEET | 3 OF 10 |





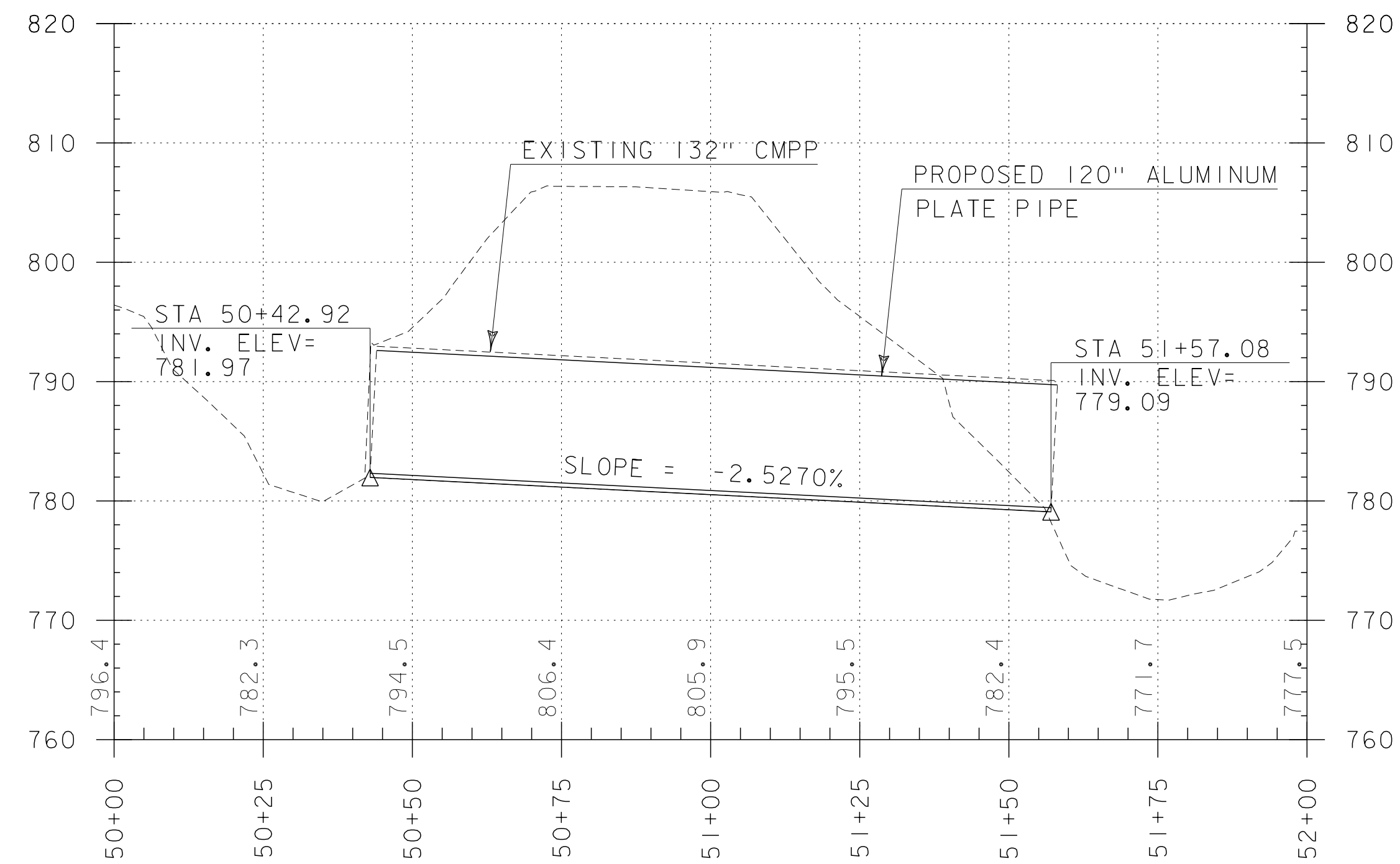
BENCH MARK
RAIL ROAD SPIKE
IN TREE
ELEV. = 820.13

EXISTING CULVERT DATA
EXISTING CULVERT INFO
11'-0" CORRUGATED MULTI
PLATE PIPE (CMPP)
114'-0" LONG WATERWAY
AREA = 95 SQFT
16' AVERAGE COVER

SCALE 1" = 20'-0"
20 0 20

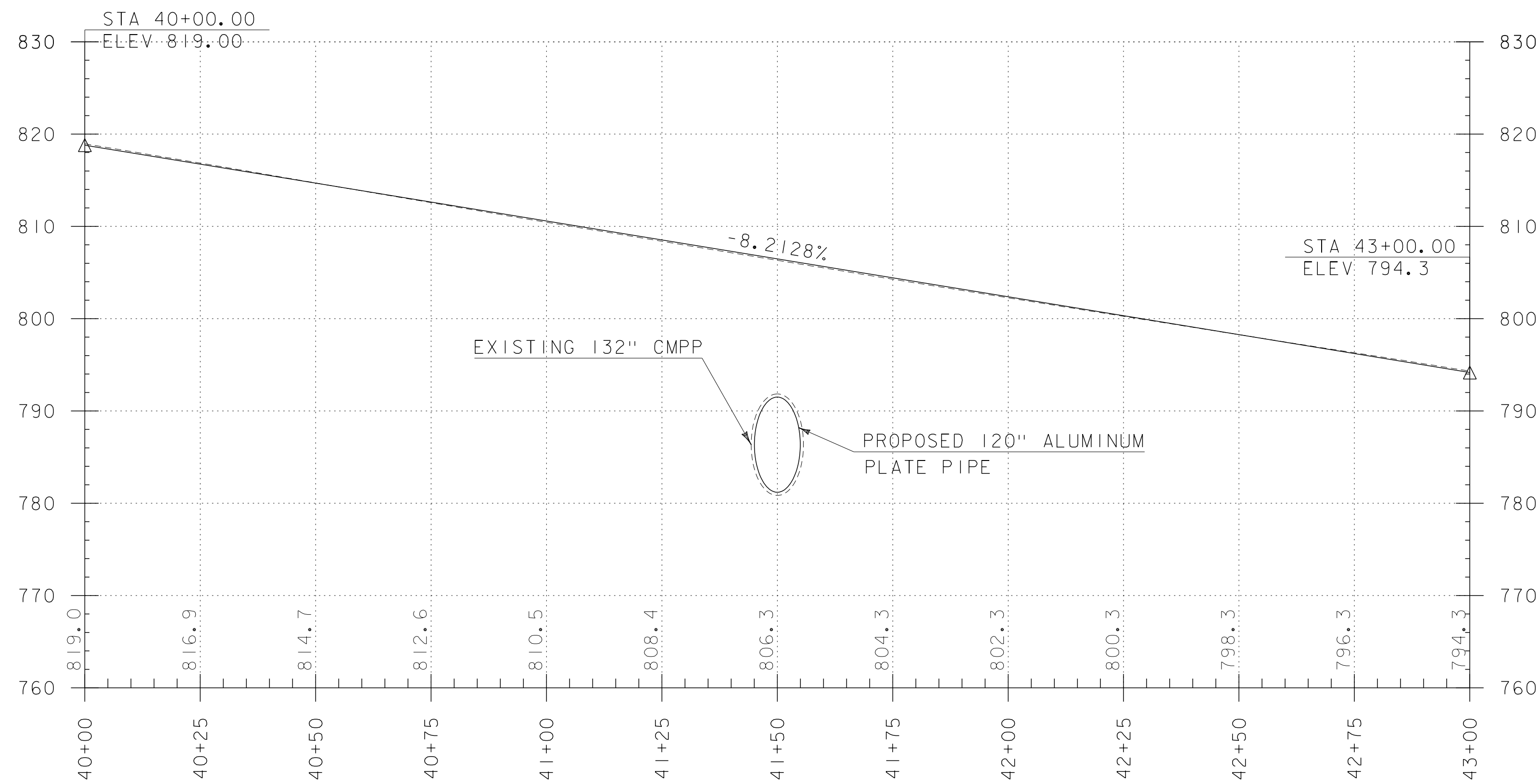


| | |
|-----------------|-------------------|
| PROJECT NAME: | WEATHERSFIELD |
| PROJECT NUMBER: | STP 0146(16) |
| FILE NAME: | z00C266layout.dgn |
| PROJECT LEADER: | T. LEVINS |
| DESIGNED BY: | A. KURDEKAR |
| LAYOUT | |
| PLOT DATE: | 7/9/2016 |
| DRAWN BY: | A. KURDEKAR |
| CHECKED BY: | T. LEVINS |
| SHEET | 5 OF 10 |



CULVERT PROFILE

HORIZONTAL SCALE 1" = 20'
 VERTICAL SCALE 1" = 10'



VT 131 PROFILE

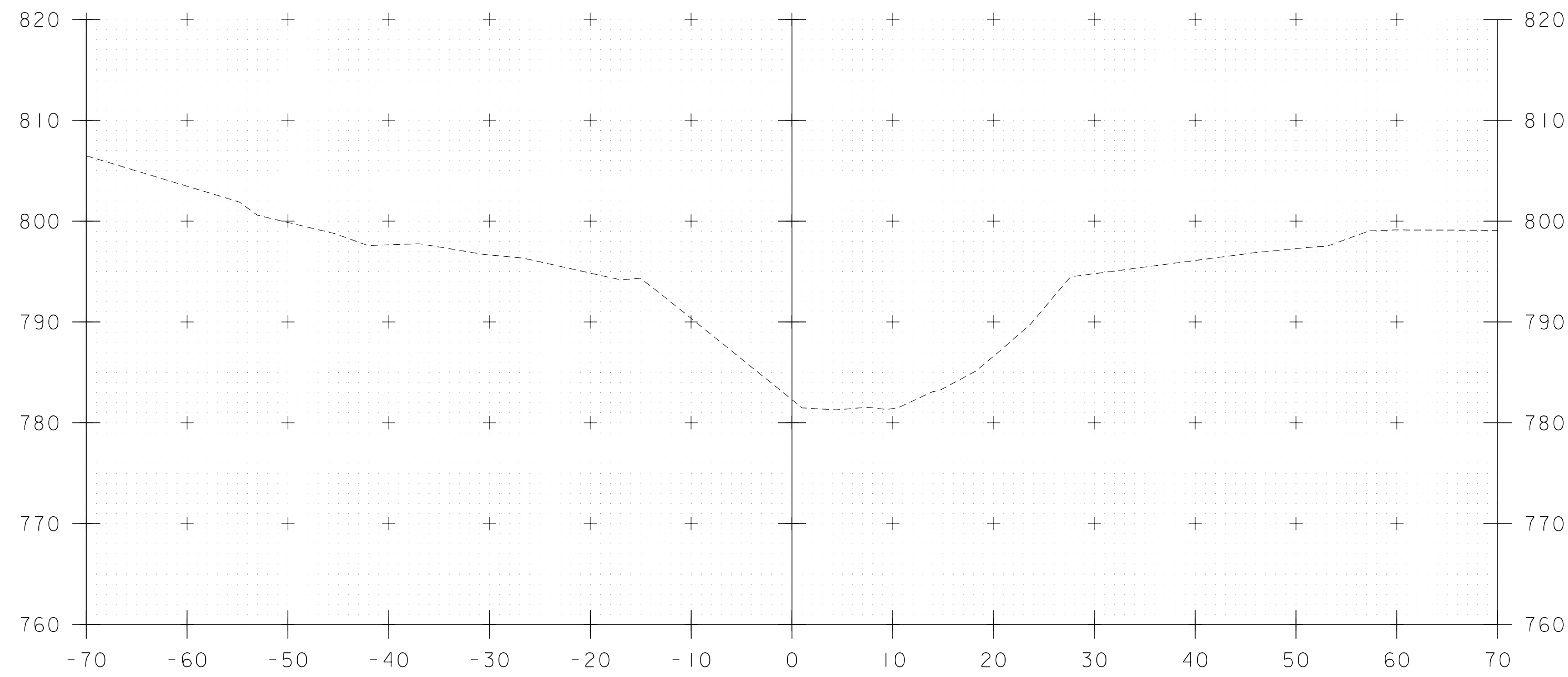
HORIZONTAL SCALE 1" = 20'
 VERTICAL SCALE 1" = 10'

NOTES:

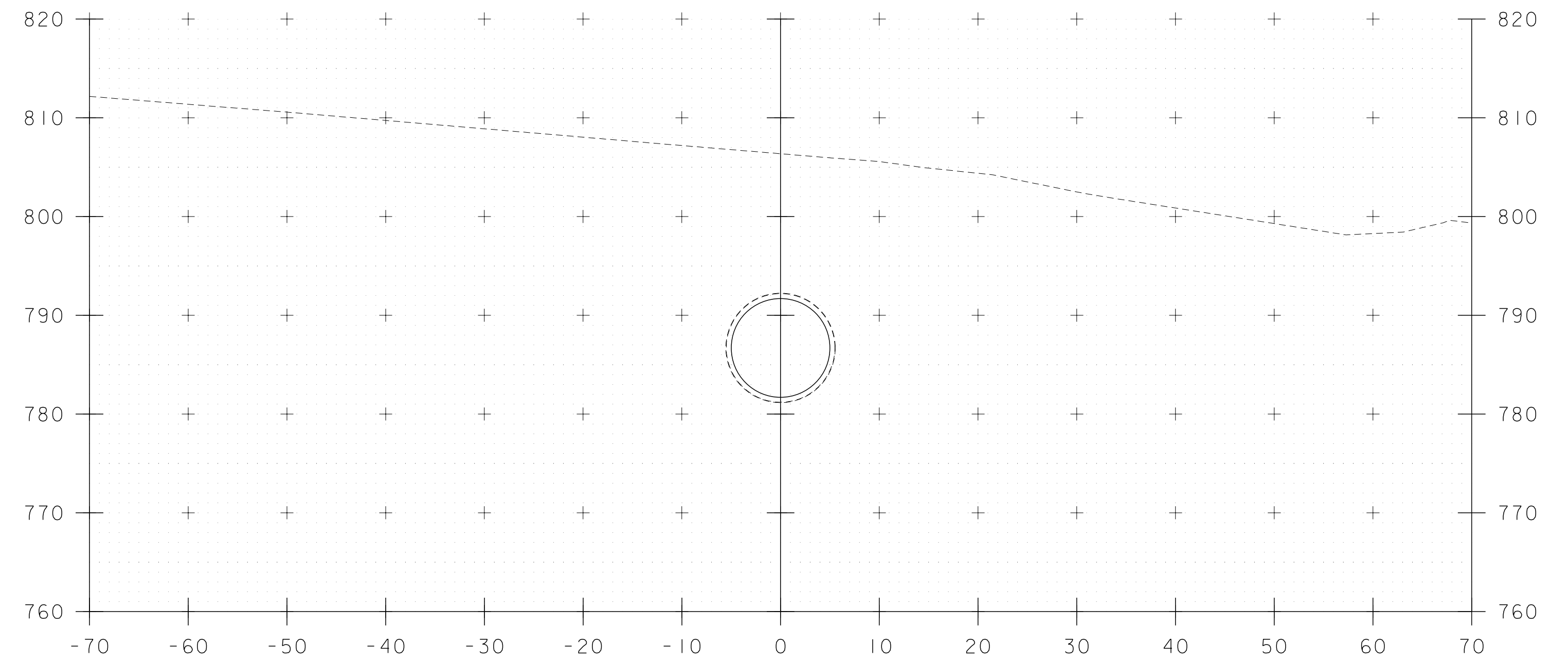
1. ELEVATIONS SHOWN TO THE NEAREST TENTH ARE EXISTING GROUND ALONG C.
2. ELEVATIONS SHOWN TO THE NEAREST HUNDREDTH ARE FINISH GRADE ALONG C.

| | |
|-----------------|--------------------|
| PROJECT NAME: | WEATHERSFIELD |
| PROJECT NUMBER: | STP 0146(16) |
| FILE NAME: | z00c266profile.dgn |
| PROJECT LEADER: | T. LEVINS |
| DESIGNED BY: | A. KURDEKAR |
| PROFILE | |
| PLOT DATE: | 7/5/2016 |
| DRAWN BY: | A. KURDEKAR |
| CHECKED BY: | T. LEVINS |
| SHEET | 6 OF 10 |

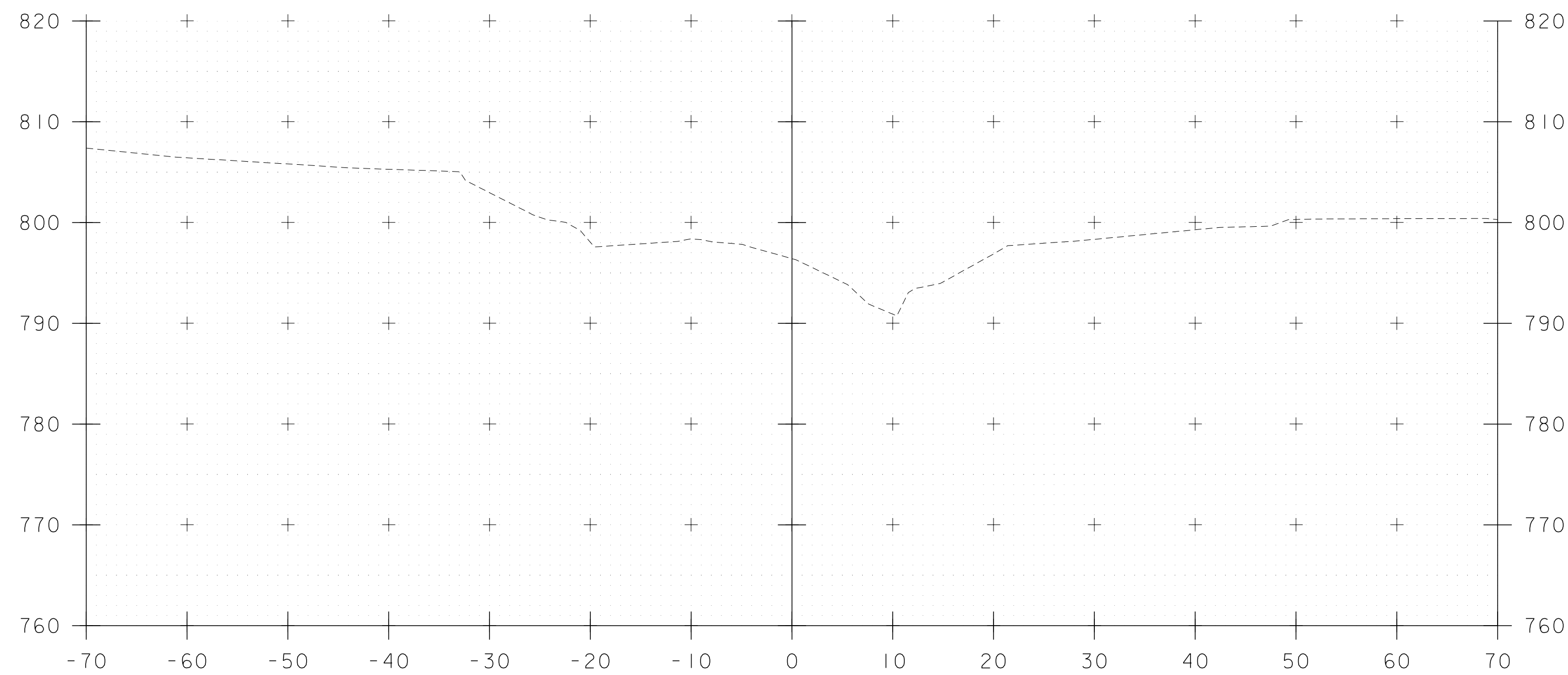




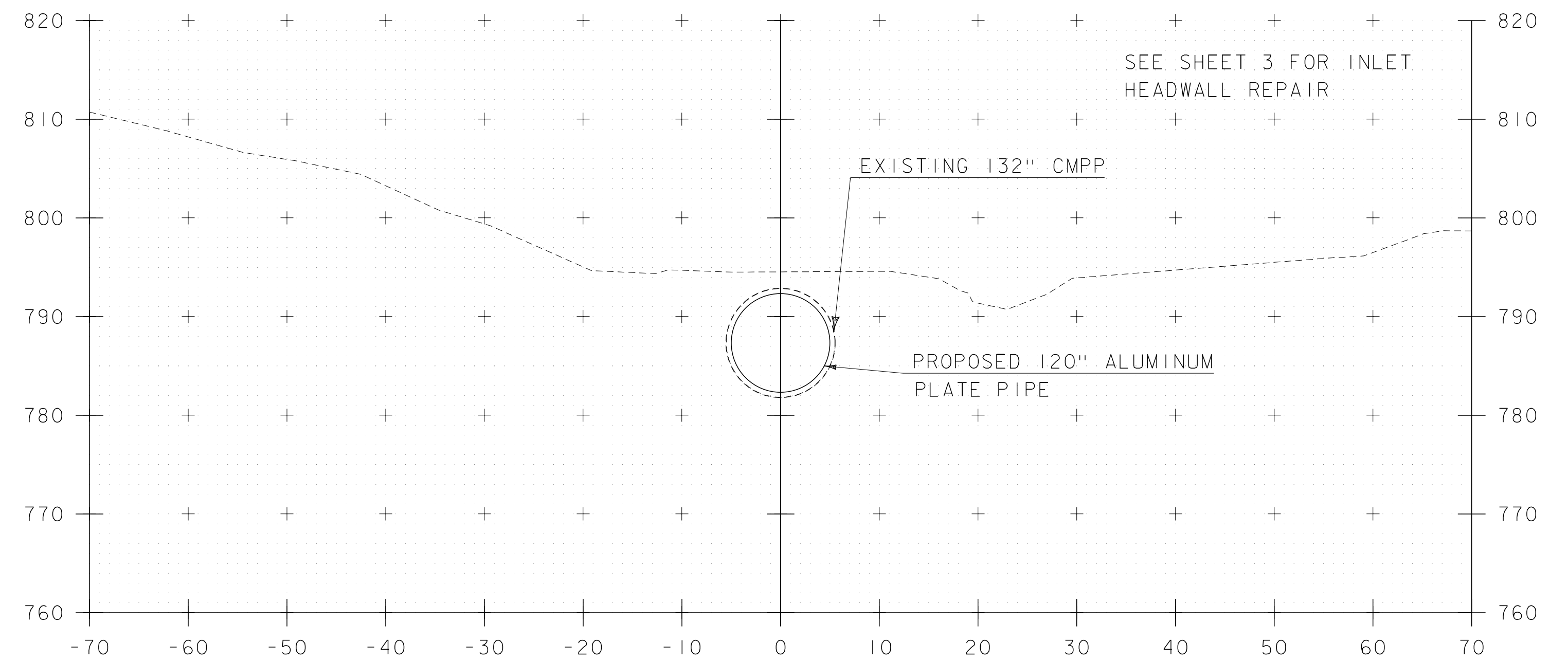
50+25



50+75



50+00



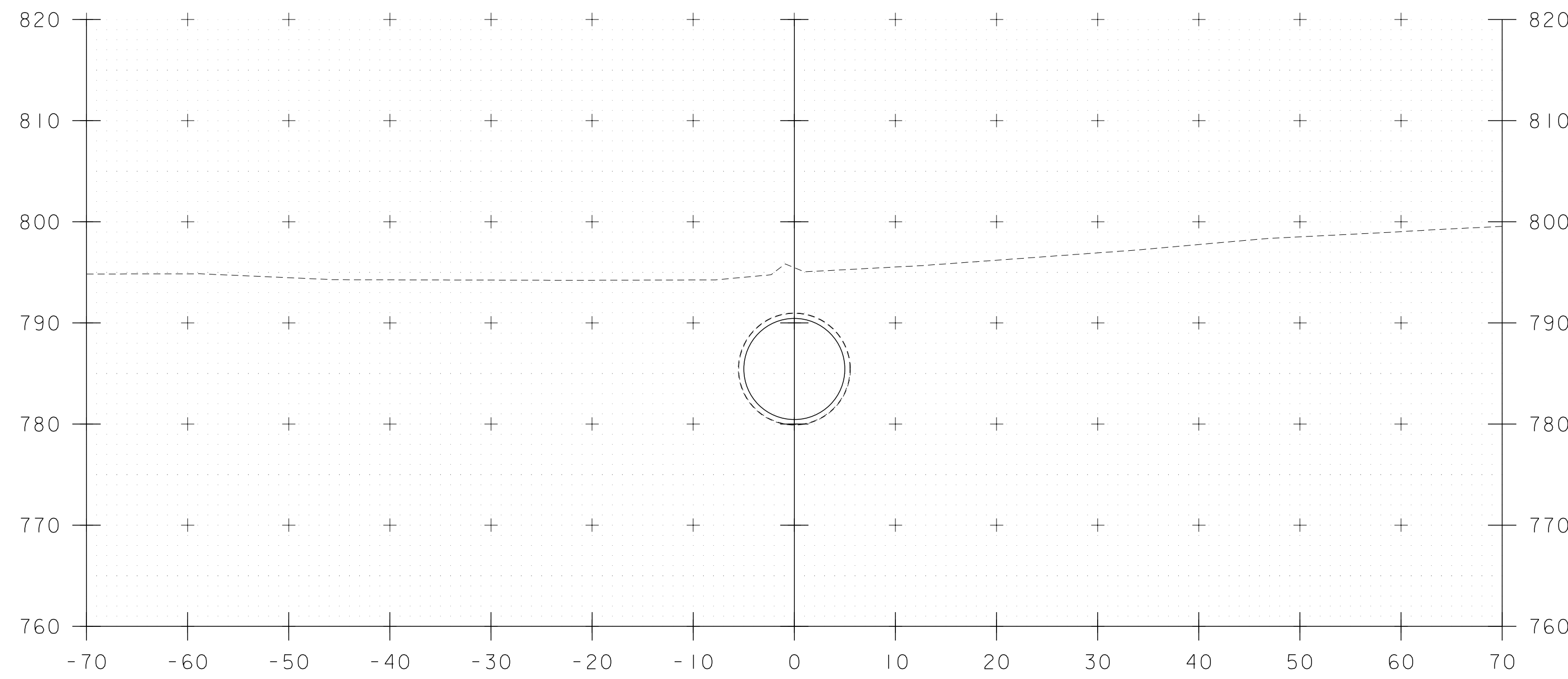
50+50

STA. 50+00 TO STA. 50+75

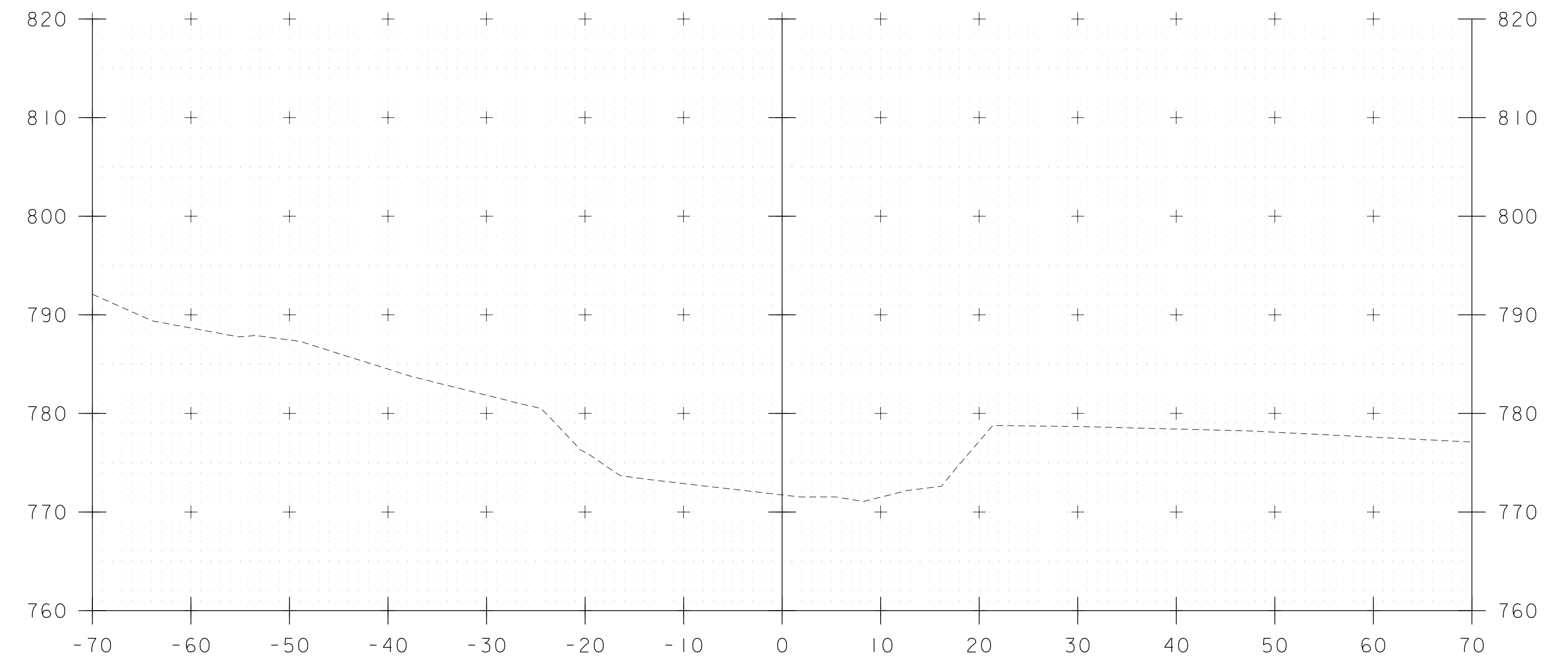
SCALE 1" = 10'-0"



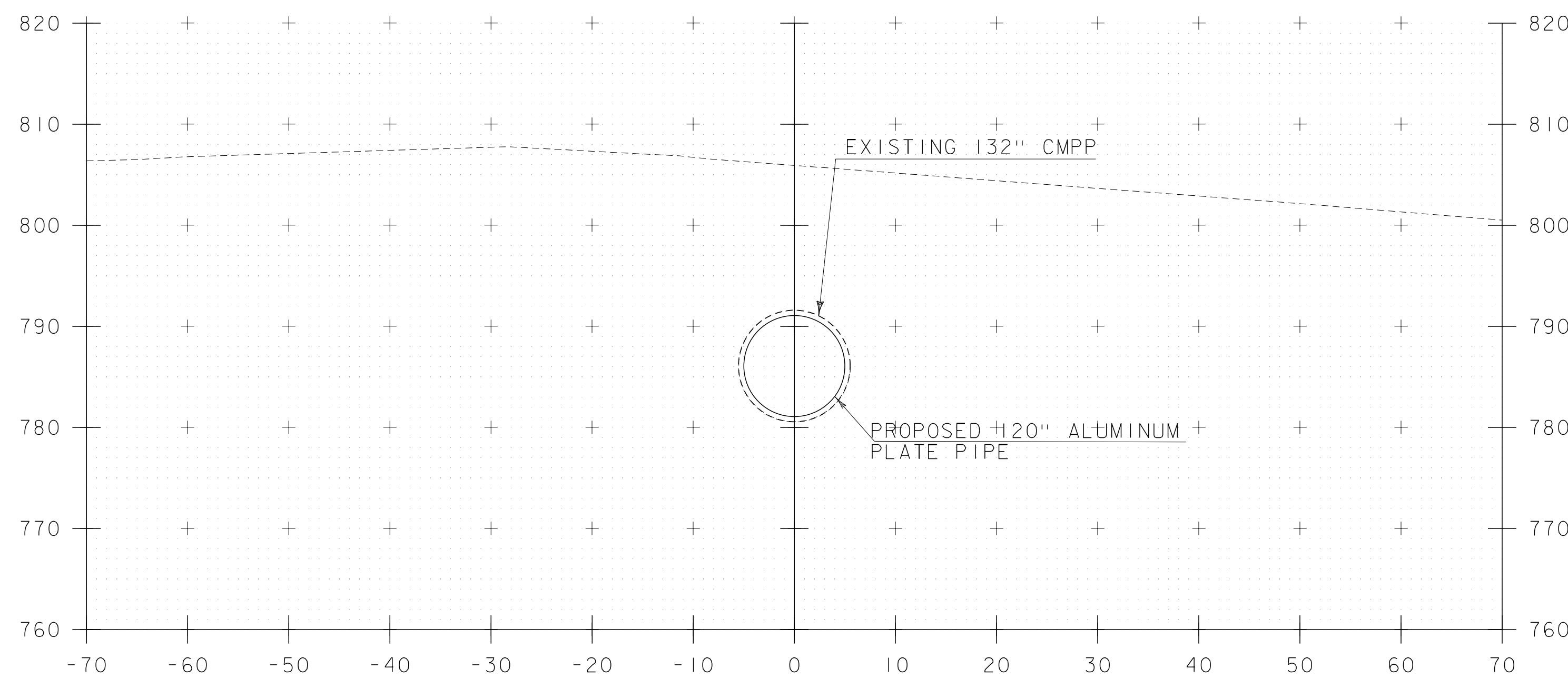
| | | | | | |
|-----------------|---------------|--------------------------|---------------|-------------|-------------|
| PROJECT NAME: | WEATHERSFIELD | FILE NAME: | z00c266xs.dgn | PLOT DATE: | 7/5/2016 |
| PROJECT NUMBER: | STP 0146(16) | PROJECT LEADER: | T. LEVINS | DRAWN BY: | A. KURDEKAR |
| | | DESIGNED BY: | A. KURDEKAR | CHECKED BY: | T. LEVINS |
| | | CHANNEL CROSS SECTIONS I | | SHEET | 7 OF 10 |



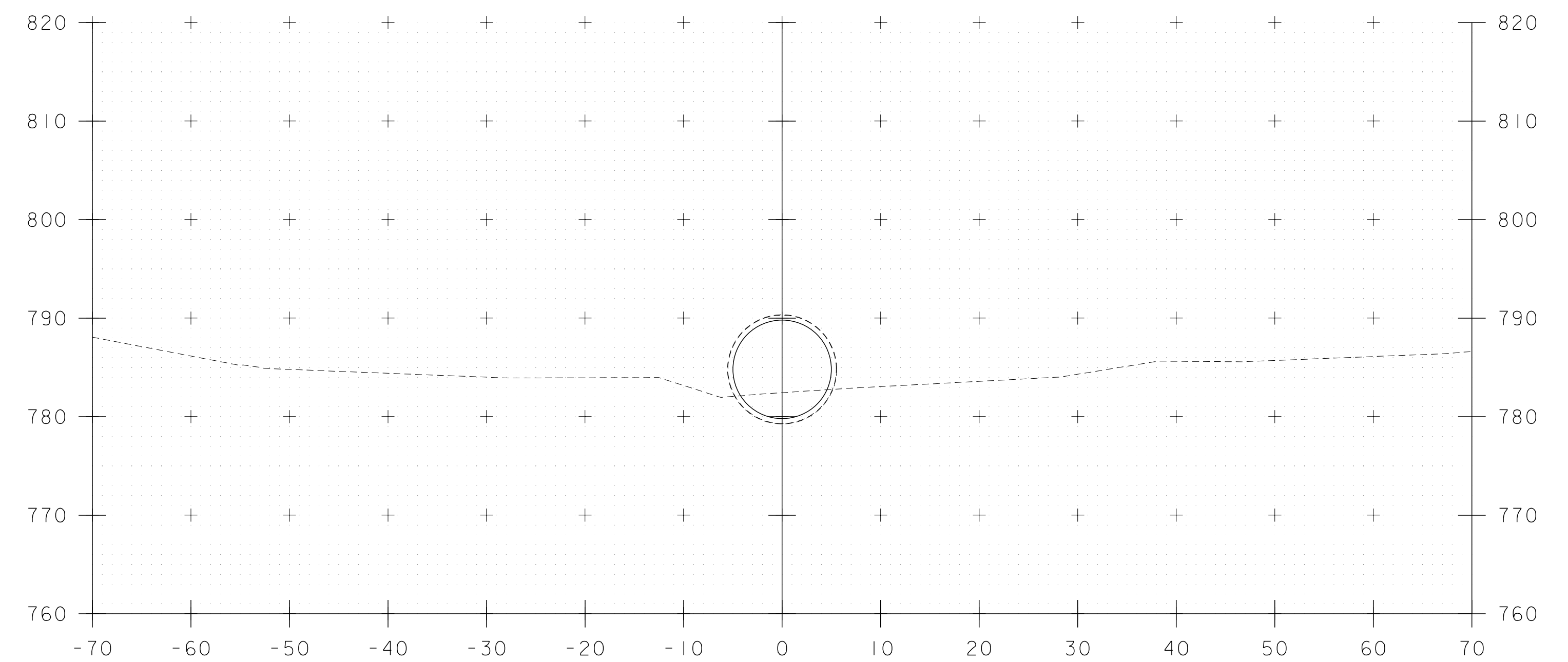
51+25



51+75



51+00



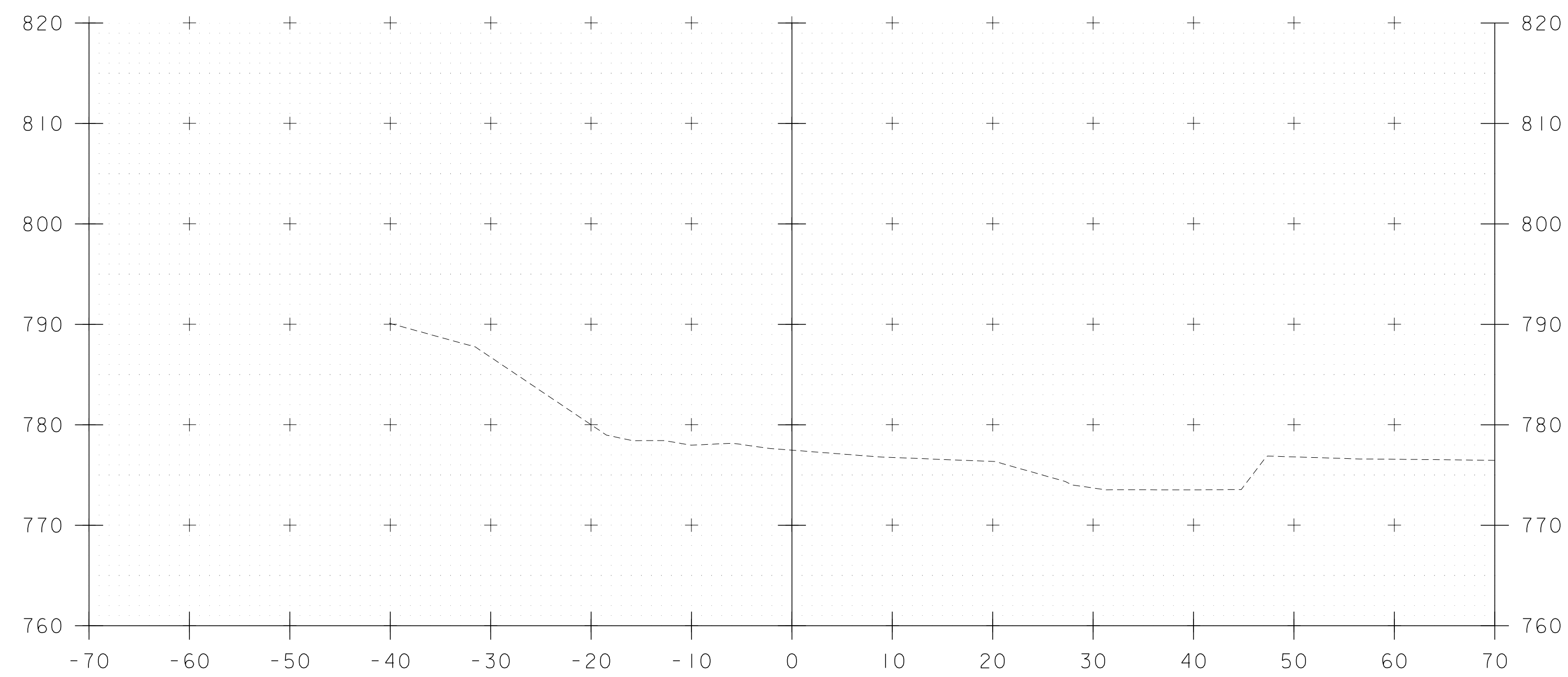
51+50

STA. 51+00 TO STA. 51+75

SCALE 1" = 10'-0"



| | | | |
|--------------------------|---------------|--------------|-------------|
| PROJECT NAME: | WEATHERSFIELD | PLOT DATE: | 7/9/2016 |
| PROJECT NUMBER: | STP 0146(16) | DRAWN BY: | A. KURDEKAR |
| FILE NAME: | z00c266xs.dgn | DESIGNED BY: | A. KURDEKAR |
| PROJECT LEADER: | T. LEVINS | CHECKED BY: | T. LEVINS |
| CHANNEL CROSS SECTIONS 2 | | SHEET | 8 OF 10 |



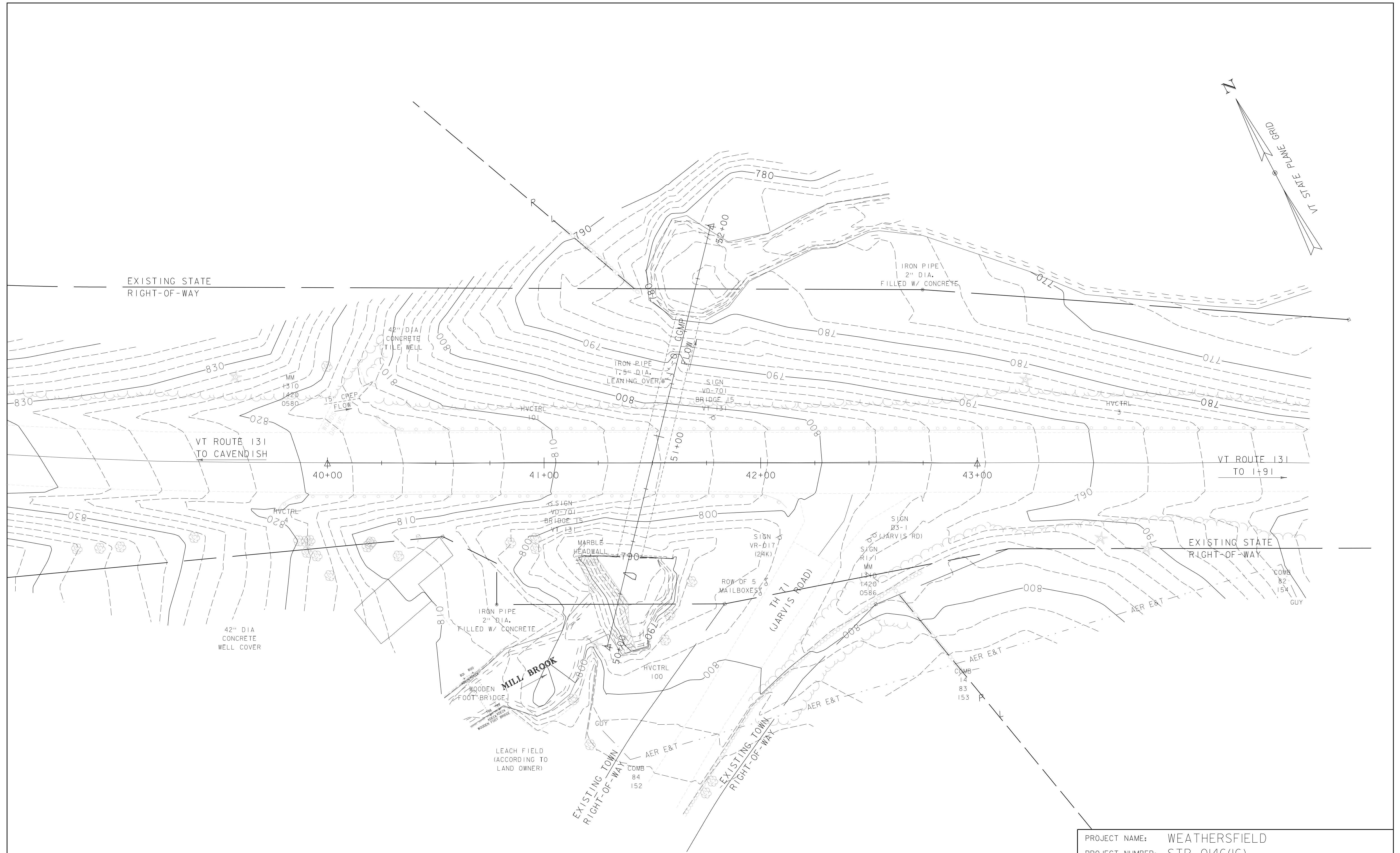
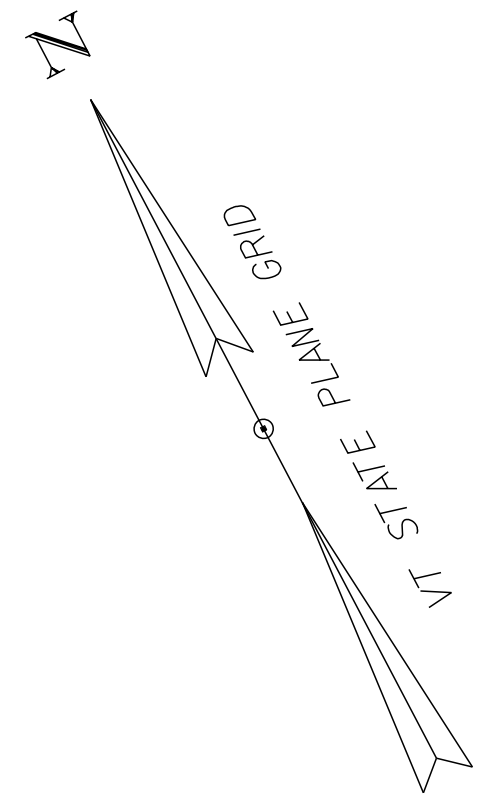
52+00

SCALE 1" = 10'-0"

STA. 52+00 TO STA. 52+00



| | |
|------------------------------|-----------------------|
| PROJECT NAME: WEATHERSFIELD | PLOT DATE: 7/9/2016 |
| PROJECT NUMBER: STP 0146(16) | DRAWN BY: A. KURDEKAR |
| FILE NAME: z00c266xs.dgn | CHECKED BY: T. LEVINS |
| PROJECT LEADER: T. LEVINS | SHEET 9 OF 10 |
| DESIGNED BY: A. KURDEKAR | |
| CHANNEL CROSS SECTIONS 3 | |



SCALE 1" = 20'-0"
20 0 20



| | |
|--------------------|---------------------|
| PROJECT NAME: | WEATHERSFIELD |
| PROJECT NUMBER: | STP 0146(16) |
| FILE NAME: | z00c266resource.dgn |
| PROJECT LEADER: | T. LEVINS |
| DESIGNED BY: | A. KURDEKAR |
| RESOURCE SITE PLAN | |
| PLOT DATE: | 7/5/2016 |
| DRAWN BY: | A. KURDEKAR |
| CHECKED BY: | T. LEVINS |
| SHEET | 10 OF 10 |