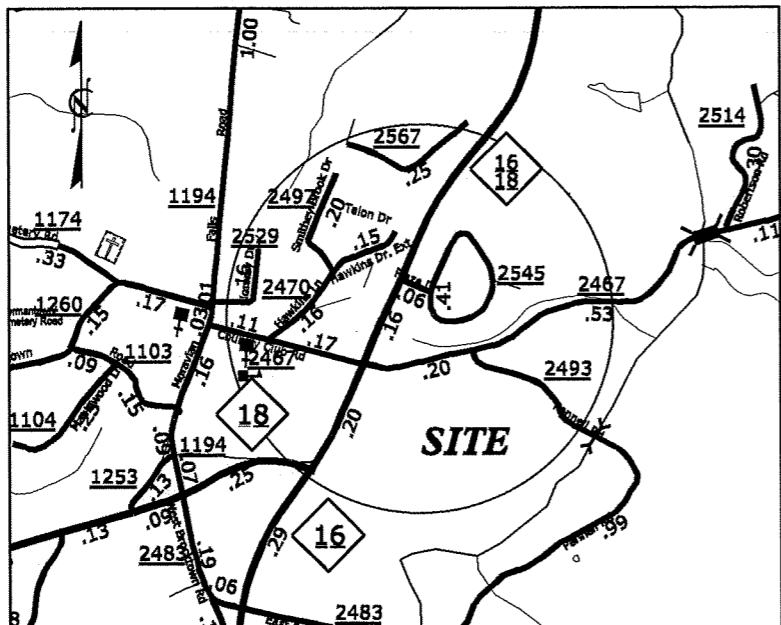


09/08/99

VICINITY MAP



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

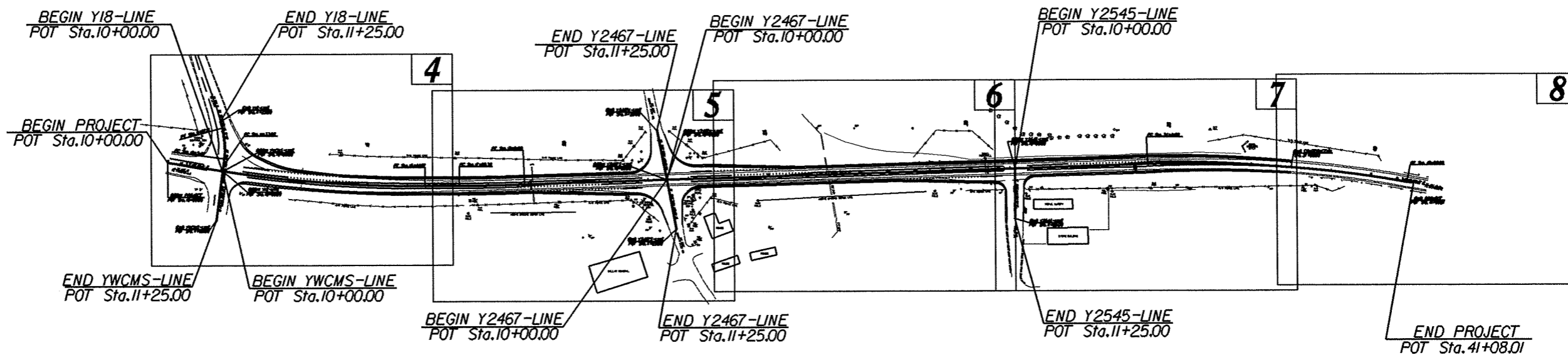
WILKES COUNTY

**LOCATION: HWY 16-18 PROPOSED TURN LANE FOR SR 2545 PLAZA DR.
AND SR 2467 COUNTRY CLUB RD.**

TYPE OF WORK: GRADE, BASE, WIDENING AND PAVE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	SF-4911D	1	8
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
41710.1		ENGINEERING	
41710.2		RW & UTILITY	
41710.3		CONSTRUCTION	

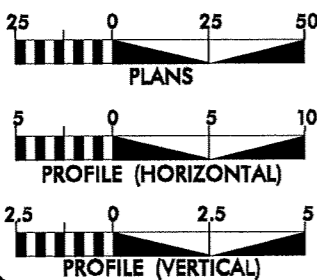
TIP PROJECT:



CONTRACT: DK00047

27-APR-2012 07:46 S:\D\131\1\1\1\Wilkes Hwy 16-18\hwyl6-18_topo_dsn_dis+3_22908.dgn

GRAPHIC SCALES



DESIGN DATA

ADT _____ =
ADT _____ =
DHV = _____ %
D = _____ %
T = _____ %
V = _____ MPH
* TTST = _____ DUAL _____
FUNC CLASS = _____
_____ TIER

PROJECT LENGTH

PROJECT LENGTH _____ 0.58 MILE

Prepared in the Office of:

DIVISION OF HIGHWAYS

709 STATESVILLE RD. NORTH WILKESBORO, NC 28659

2006 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: **MICHAEL A. PETTYJOHN, PE**
DIVISION ENGINEER

LETTING DATE: **DOUG J. TETZLAFF**
DISTRICT ENGINEER

DRAWN BY:

A. L. ADAMS

FIELD WORK:

J. R. HODGES
T. D. HAMILTON
A. L. ADAMS

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**



STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	⊙
Property Corner	⊗
Property Monument	⊠
Parcel/Sequence Number	⑫③
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	-v.v.-
Proposed Wetland Boundary	-v.v.-
Existing Endangered Animal Boundary	-e.a.b.-
Existing Endangered Plant Boundary	-e.p.b.-
Known Soil Contamination: Area or Site	☠ ☠
Potential Soil Contamination: Area or Site	☠ ☠

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	⊙
Well	⊙
Small Mine	⊗
Foundation	⊠
Area Outline	⊠
Cemetery	⊠
Building	⊠
School	⊠
Church	⊠
Dam	⊠

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	⊠
Jurisdictional Stream	-j.s.-
Buffer Zone 1	-b.z. 1-
Buffer Zone 2	-b.z. 2-
Flow Arrow	←
Disappearing Stream	→
Spring	⊙
Wetland	-v.v.-
Proposed Lateral, Tail, Head Ditch	⊠
False Sump	⊠

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	⊙
Switch	⊠
RR Abandoned	-----
RR Dismantled	-----

RIGHT OF WAY:

Baseline Control Point	◆
Existing Right of Way Marker	△
Existing Right of Way Line	-----
Proposed Right of Way Line	-----
Proposed Right of Way Line with Iron Pin and Cap Marker	⊙
Proposed Right of Way Line with Concrete or Granite Marker	⊙
Existing Control of Access	⊙
Proposed Control of Access	⊙
Existing Easement Line	-e-
Proposed Temporary Construction Easement	-e-
Proposed Temporary Drainage Easement	-t.d.e.-
Proposed Permanent Drainage Easement	-p.d.e.-
Proposed Permanent Drainage / Utility Easement	-d.u.e.-
Proposed Permanent Utility Easement	-p.u.e.-
Proposed Temporary Utility Easement	-t.u.e.-
Proposed Aerial Utility Easement	-a.u.e.-

ROADS AND RELATED FEATURES:

Proposed Permanent Easement with Iron Pin and Cap Marker	◆
Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-c-
Proposed Slope Stakes Fill	-f-
Proposed Curb Ramp	⊠
Curb Cut Future Ramp	⊠
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊙
Pavement Removal	⊠

VEGETATION:

Single Tree	⊙
Single Shrub	⊙
Hedge	-----
Woods Line	-----

Orchard	⊙
Vineyard	⊠

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	⊠
Bridge Wing Wall, Head Wall and End Wall	⊠
MINOR:	
Head and End Wall	⊠
Pipe Culvert	⊠
Footbridge	⊠
Drainage Box: Catch Basin, DI or JB	⊠
Paved Ditch Gutter	-----
Storm Sewer Manhole	⊙
Storm Sewer	-----

UTILITIES:

POWER:	
Existing Power Pole	⊙
Proposed Power Pole	⊙
Existing Joint Use Pole	⊙
Proposed Joint Use Pole	⊙
Power Manhole	⊙
Power Line Tower	⊠
Power Transformer	⊠
U/G Power Cable Hand Hole	⊠
H-Frame Pole	⊙
Recorded U/G Power Line	-----
Designated U/G Power Line (S.U.E.*)	-----

TELEPHONE:

Existing Telephone Pole	⊙
Proposed Telephone Pole	⊙
Telephone Manhole	⊙
Telephone Booth	⊠
Telephone Pedestal	⊠
Telephone Cell Tower	⊙
U/G Telephone Cable Hand Hole	⊠
Recorded U/G Telephone Cable	-----
Designated U/G Telephone Cable (S.U.E.*)	-----
Recorded U/G Telephone Conduit	-----
Designated U/G Telephone Conduit (S.U.E.*)	-----
Recorded U/G Fiber Optics Cable	-----
Designated U/G Fiber Optics Cable (S.U.E.*)	-----

WATER:

Water Manhole	⊙
Water Meter	⊙
Water Valve	⊙
Water Hydrant	⊙
Recorded U/G Water Line	-----
Designated U/G Water Line (S.U.E.*)	-----
Above Ground Water Line	-----

TV:

TV Satellite Dish	⊙
TV Pedestal	⊠
TV Tower	⊙
U/G TV Cable Hand Hole	⊠
Recorded U/G TV Cable	-----
Designated U/G TV Cable (S.U.E.*)	-----
Recorded U/G Fiber Optic Cable	-----
Designated U/G Fiber Optic Cable (S.U.E.*)	-----

GAS:

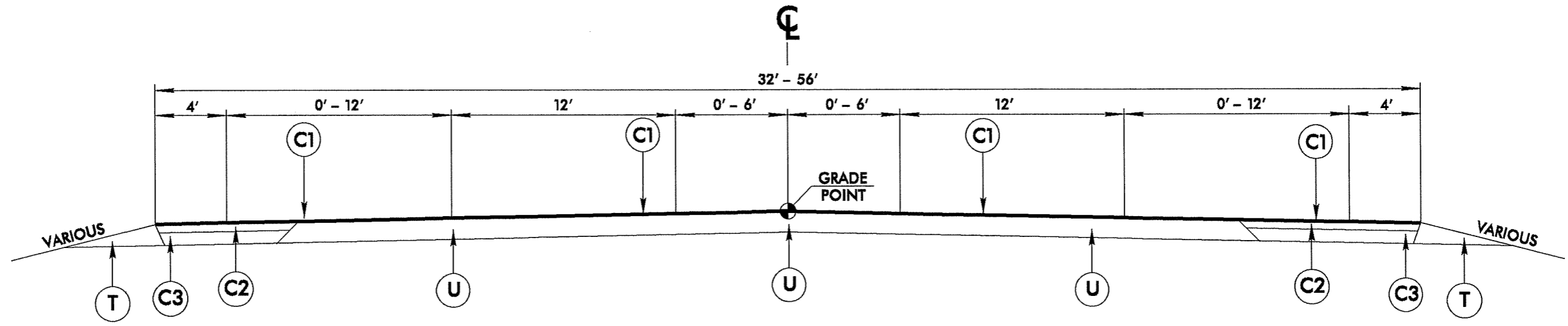
Gas Valve	⊙
Gas Meter	⊙
Recorded U/G Gas Line	-----
Designated U/G Gas Line (S.U.E.*)	-----
Above Ground Gas Line	-----

SANITARY SEWER:

Sanitary Sewer Manhole	⊙
Sanitary Sewer Cleanout	⊙
U/G Sanitary Sewer Line	-----
Above Ground Sanitary Sewer	-----
Recorded SS Forced Main Line	-----
Designated SS Forced Main Line (S.U.E.*)	-----

MISCELLANEOUS:

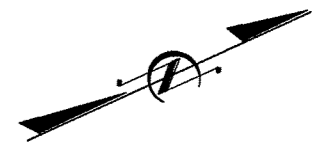
Utility Pole	⊙
Utility Pole with Base	⊠
Utility Located Object	⊙
Utility Traffic Signal Box	⊠
Utility Unknown U/G Line	-----
U/G Tank; Water, Gas, Oil	⊠
Underground Storage Tank, Approx. Loc.	⊠
A/G Tank; Water, Gas, Oil	⊠
Geoenvironmental Boring	⊙
U/G Test Hole (S.U.E.*)	⊙
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.



TYPICAL SECTION (L-LINE)
HWY 16 - 18
(FROM STATION 11+80 TO STATION 41+08)

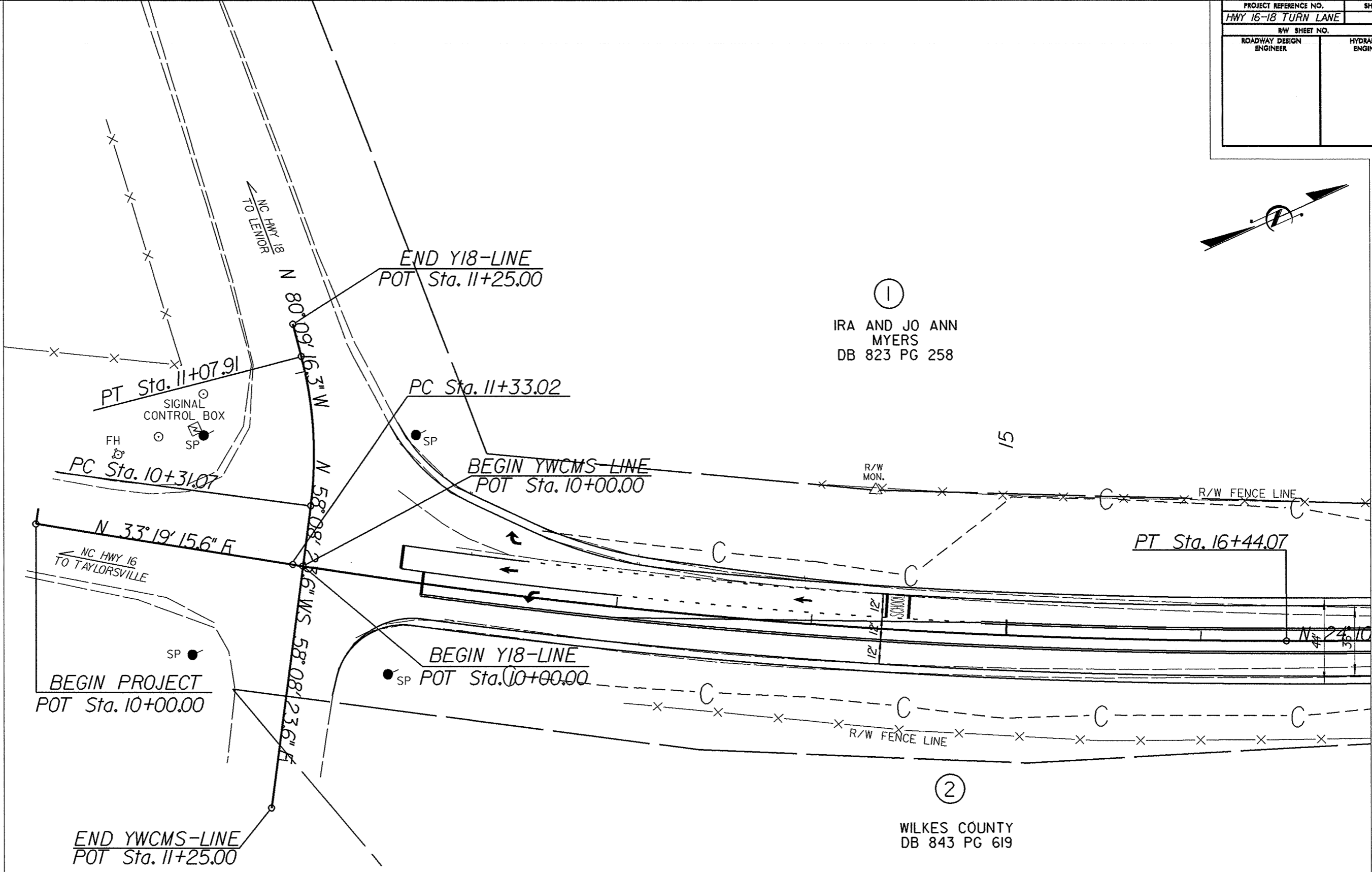
PAVEMENT SCHEDULE	
C1	PROP. TWO LIFTS OF APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
C3	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T	PROPOSED SHOULDER MATERIAL
U	EXISTING PAVEMENT

PROJECT REFERENCE NO.	SHEET NO.
HWY 16-18 TURN LANE	4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



①
 IRA AND JO ANN MYERS
 DB 823 PG 258

②
 WILKES COUNTY
 DB 843 PG 619



-Y18-	-L-
PI Sta 10+69.97	PI Sta 13+89.10
$\Delta = 22^\circ 00' 52.7''$ (LT)	$\Delta = 9^\circ 09' 02.5''$ (LT)
$D = 28^\circ 38' 52.4''$	$D = 1^\circ 47' 26.0''$
$L = 76.85'$	$L = 511.05'$
$T = 38.90'$	$T = 256.08'$
$R = 200.00'$	$R = 3,200.00'$

MATCH LINE SEE SHEET 5

REVISIONS

8/17/99
 27 APR 2002 07:37
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PROJECT REFERENCE NO.	SHEET NO.
HWY 16-18 TURN LANE	5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

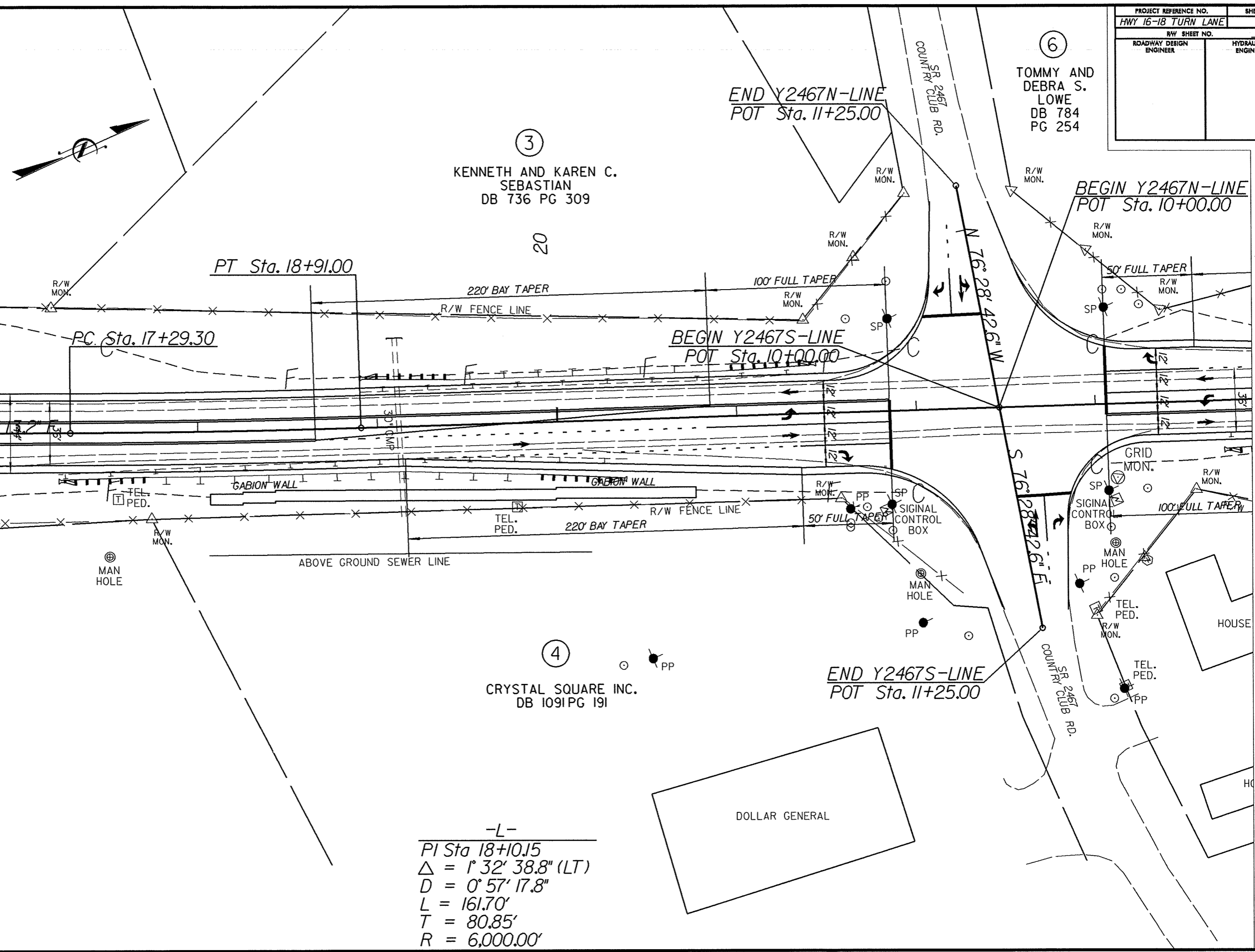
6
TOMMY AND DEBRA S. LOWE
DB 784
PG 254

3
KENNETH AND KAREN C. SEBASTIAN
DB 736 PG 309

4
CRYSTAL SQUARE INC.
DB 1091 PG 191

MATCH LINE SEE SHEET 4

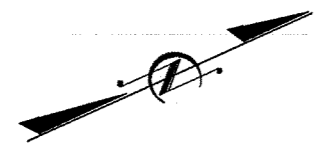
MATCH LINE SEE SHEET 6



REVISIONS

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PROJECT REFERENCE NO.	SHEET NO.
HWY 16-18 TURN LANE	6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



⑥
TOMMY AND DEBRA S. LOWE
DB 784 PG 254

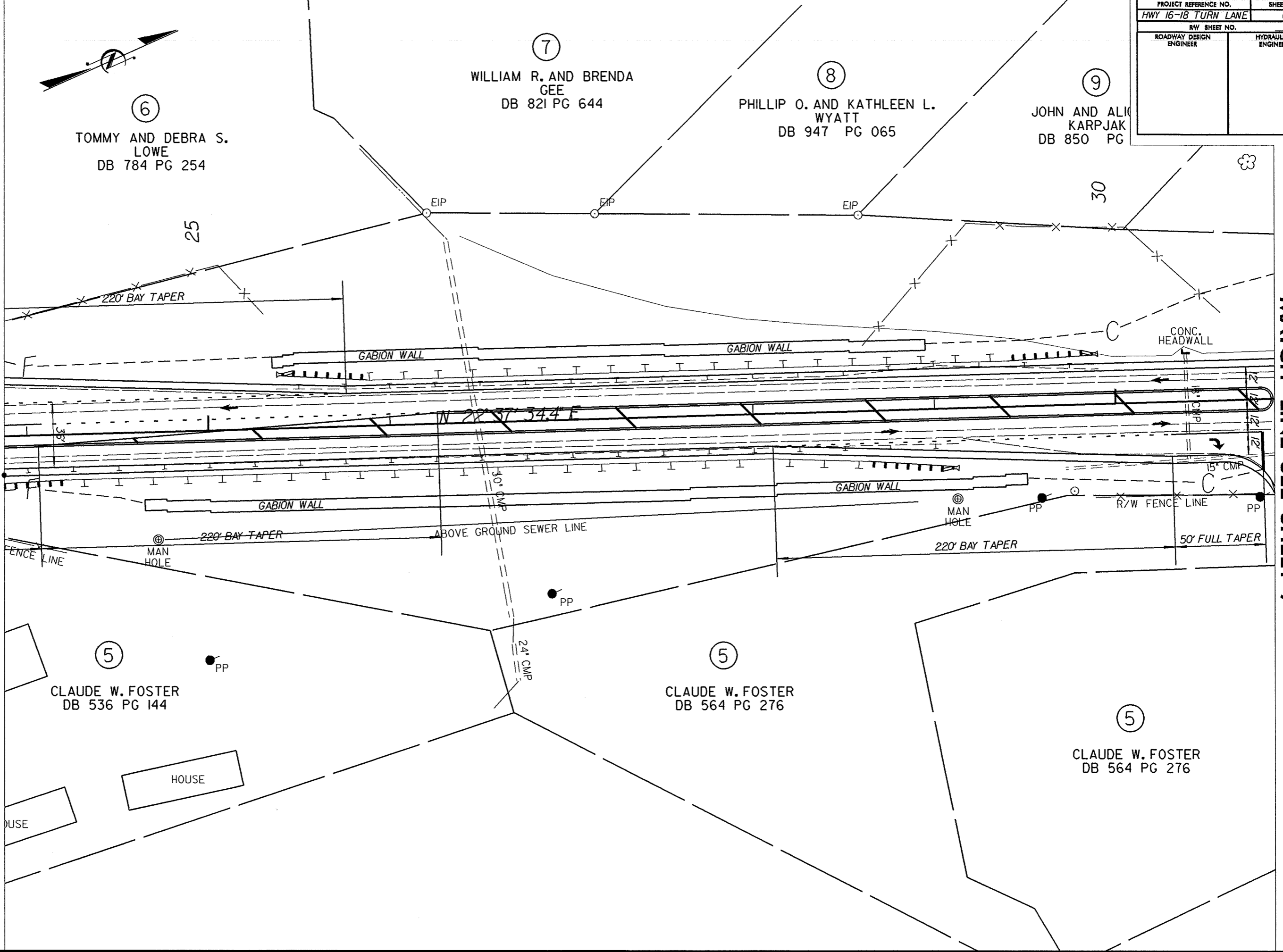
⑦
WILLIAM R. AND BRENDA GEE
DB 821 PG 644

⑧
PHILLIP O. AND KATHLEEN L. WYATT
DB 947 PG 065

⑨
JOHN AND ALI KARPJAK
DB 850 PG

MATCH LINE SEE SHEET 5

MATCH LINE SEE SHEET 7



REVISIONS

8/17/99
27-APR-2012 07:43
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PROJECT REFERENCE NO.	SHEET NO.
HWY 16-18 TURN LANE	7
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

10
THOMAS EARL
AND
SANDRA LAMBERT
HERRELSON
DB 948 PG 460

12
THOMAS GERALD (SR.)
AND JEANETTE B.
STRADER
DB 861 PG 292

13
PATRICIA ANN
CARSON ANDERSON
DB 862 PG 405

14
MARK JAMES AND
PAULA SUZAN
KENNEDY
DB 864 PG 140

15
BRADLEY
P. LUTY
AND
KELLY E.
CONNOR
DB 1063
PG 273

19
JAMIE WAYNE AND MILDRED R.
EDMISTEN
DB 668 PG 342

5
CLAUDE W. FOSTER
DB 872 PG 133

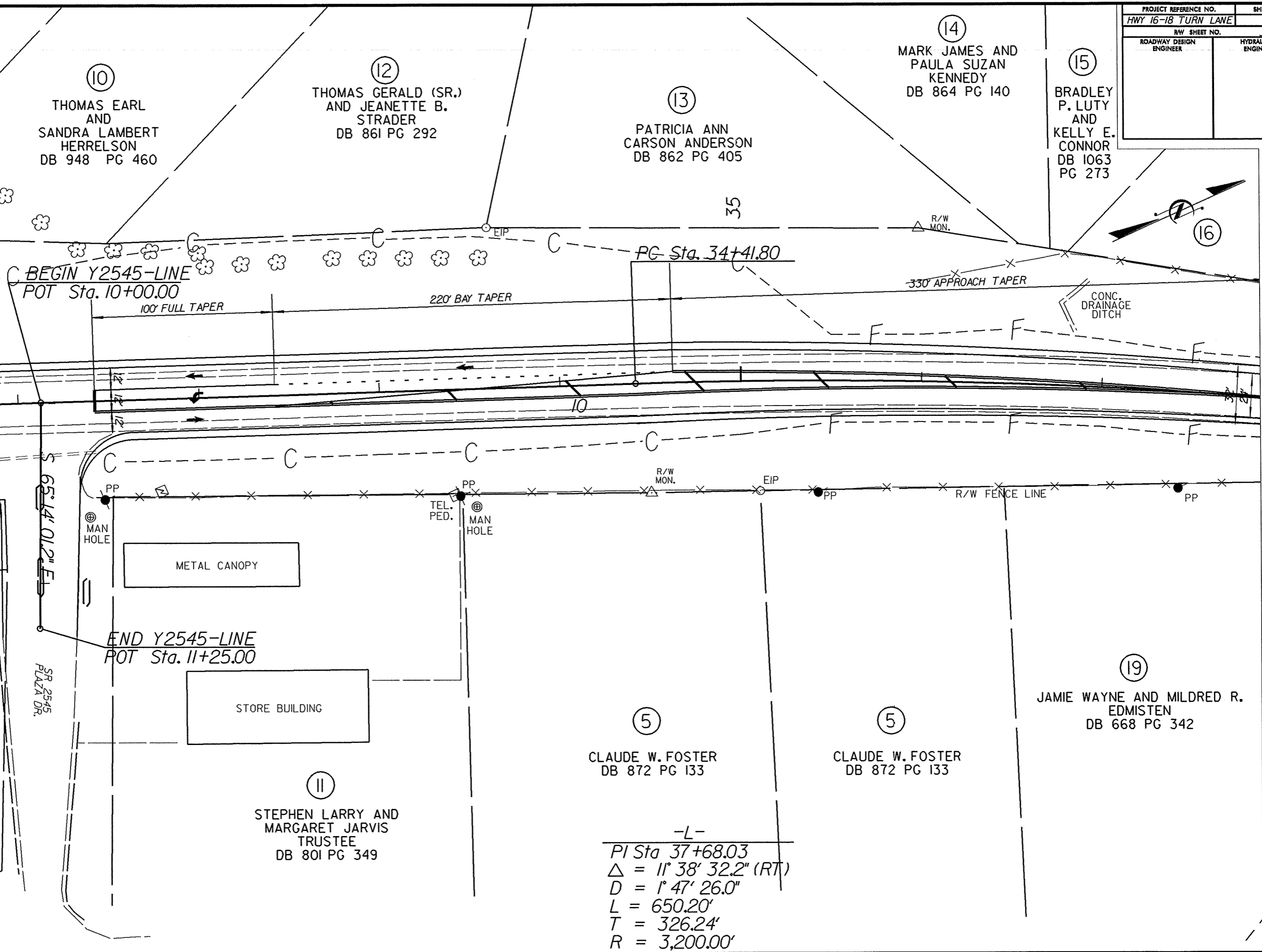
5
CLAUDE W. FOSTER
DB 872 PG 133

11
STEPHEN LARRY AND
MARGARET JARVIS
TRUSTEE
DB 801 PG 349

-L-
PI Sta 37+68.03
 $\Delta = 11^{\circ} 38' 32.2''$ (RT)
 $D = 1^{\circ} 47' 26.0''$
 $L = 650.20'$
 $T = 326.24'$
 $R = 3,200.00'$

MATCH LINE SEE SHEET 6

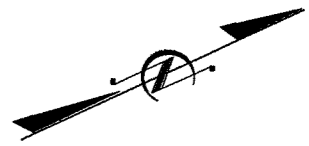
MATCH LINE SEE SHEET 8



REVISIONS

8/17/99
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PROJECT REFERENCE NO. HWY 16-18 TURN LANE	SHEET NO. 8
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE SEE SHEET 7

16

DALE E. AND TERESA T. WADDELL
DB 843 PG 272

17

JAMES O. AND REBA M. CANNON
DB 881 PG 414

18

JOHN M. AND REGINAT LEWIS
DB 837 PG 208

R/W FENCE LINE

END CONSTRUCTION
Sta. 37+00.00

40

PT Sta. 40+92.00

N 34°16'06.6" E
NC HWY 16-18
TO WILKESBORO

END PROJECT
POT Sta. 41+08.01

19

JAMIE WAYNE AND MILDRED R. EDMISTEN
DB 668 PG 342

TEL. PED.

R/W MON.

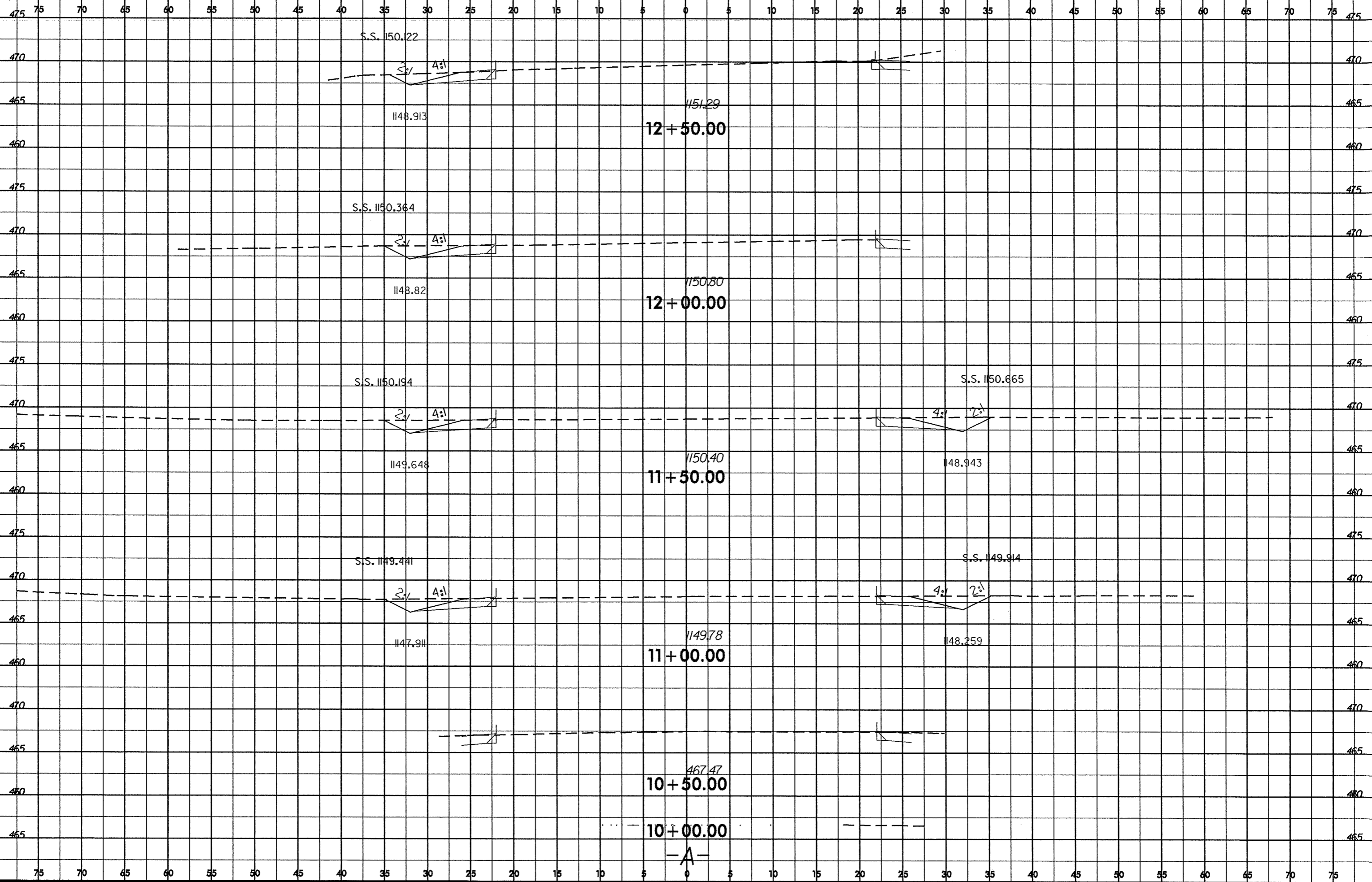
20

GEOFF M. WALTHER
DB 1057 PG 257

REVISIONS

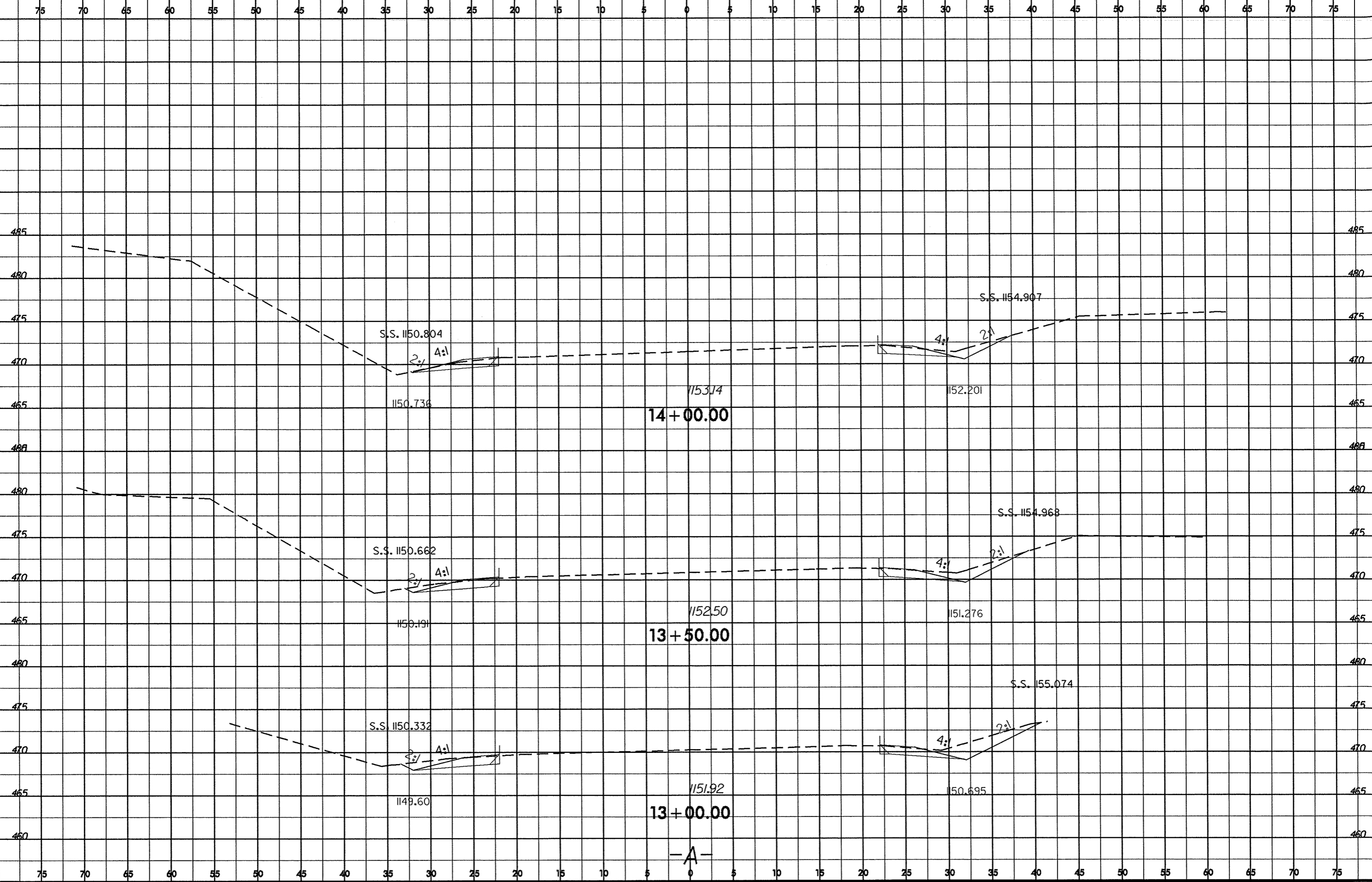
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8/23/99



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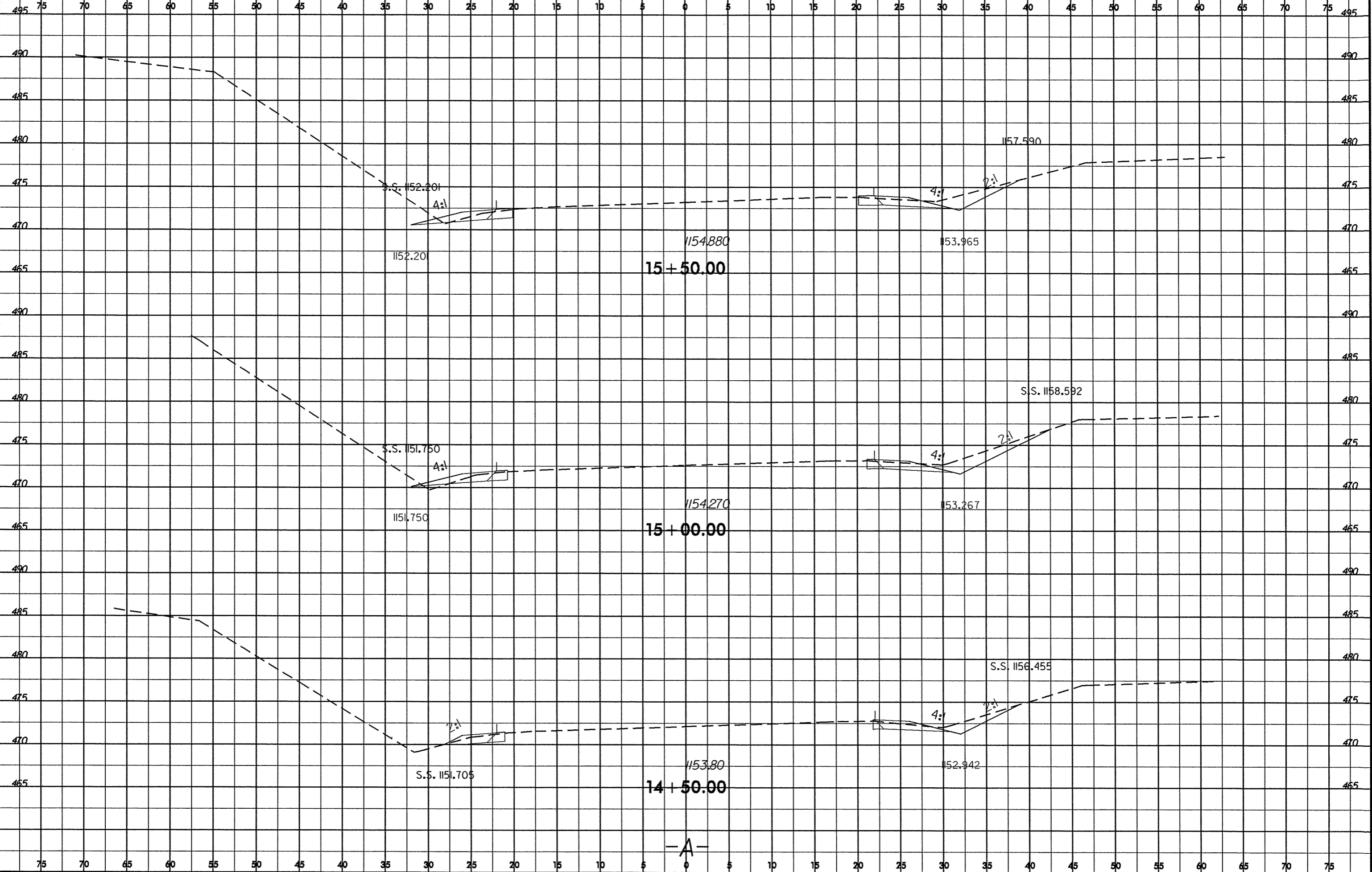
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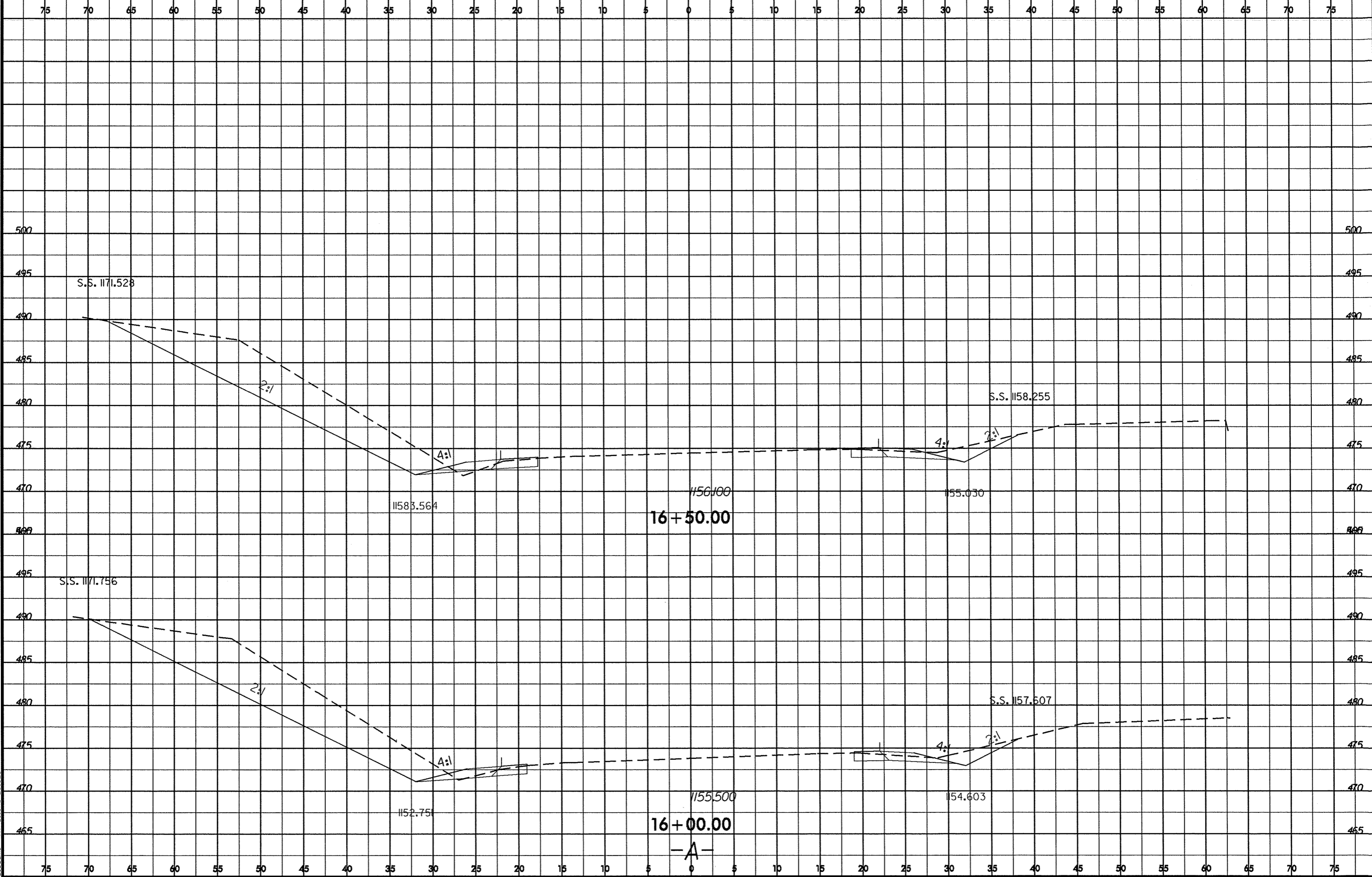
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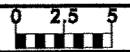
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8/23/99
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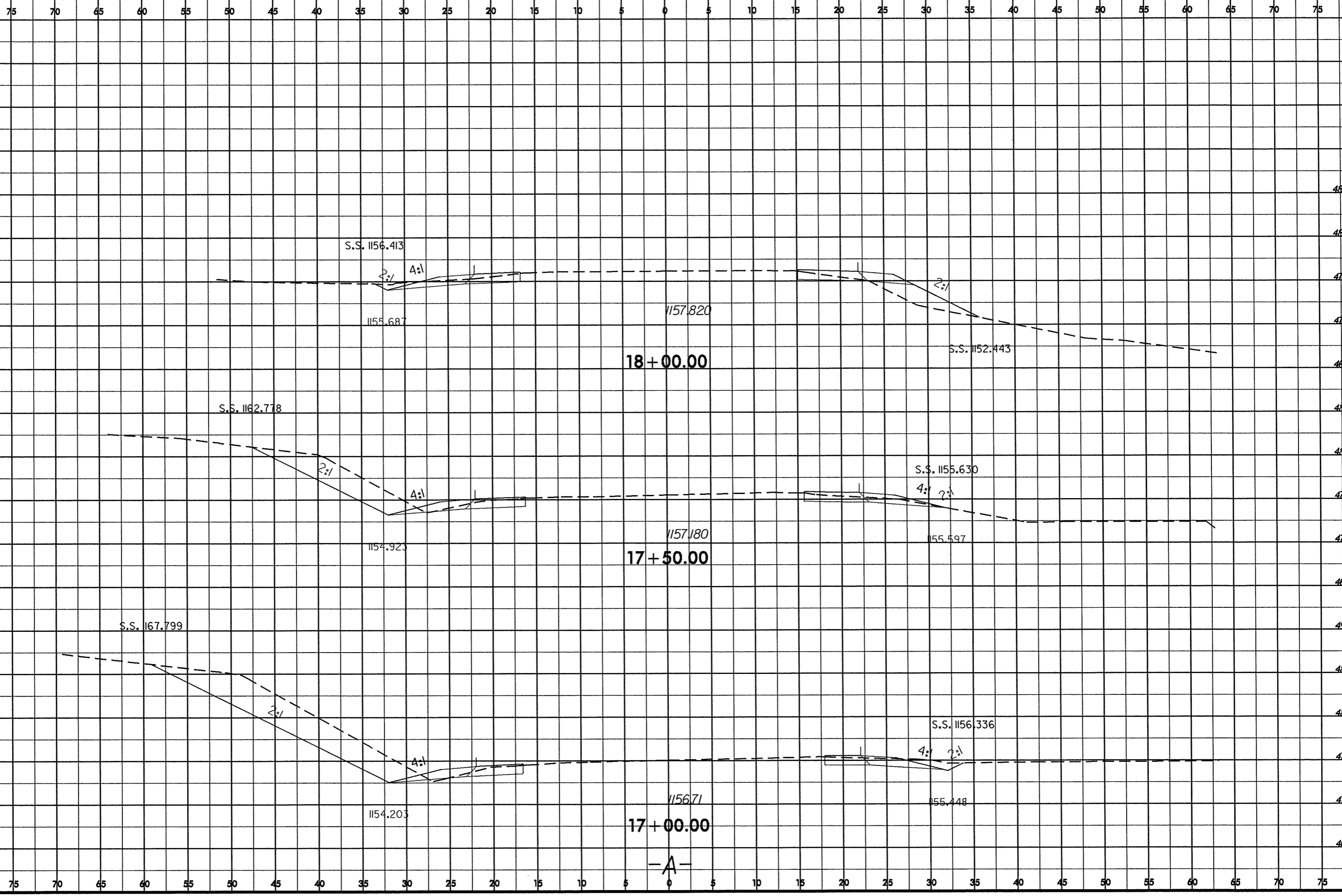


8/23/99



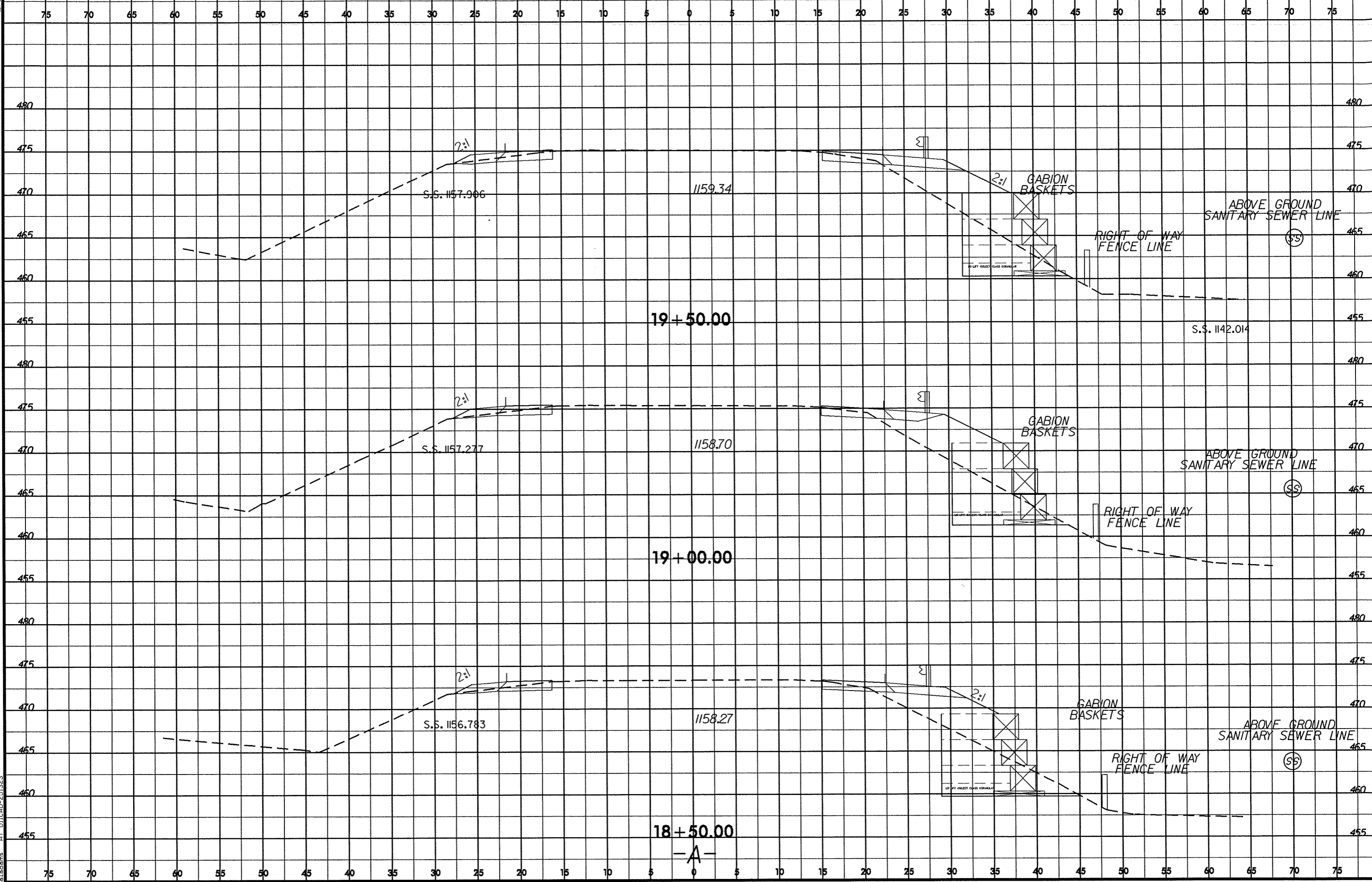
PROJ. REFERENCE NO.
SF-4911D

SHEET NO.
X-5



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8/23/99



S.S. 1157.906

1159.34

GABION BASKETS

ABOVE GROUND SANITARY SEWER LINE

RIGHT OF WAY FENCE LINE

(SS)

19+50.00

S.S. 1142.014

S.S. 1157.277

1158.70

GABION BASKETS

ABOVE GROUND SANITARY SEWER LINE

RIGHT OF WAY FENCE LINE

(SS)

19+00.00

S.S. 1156.783

1158.27

GABION BASKETS

ABOVE GROUND SANITARY SEWER LINE

RIGHT OF WAY FENCE LINE

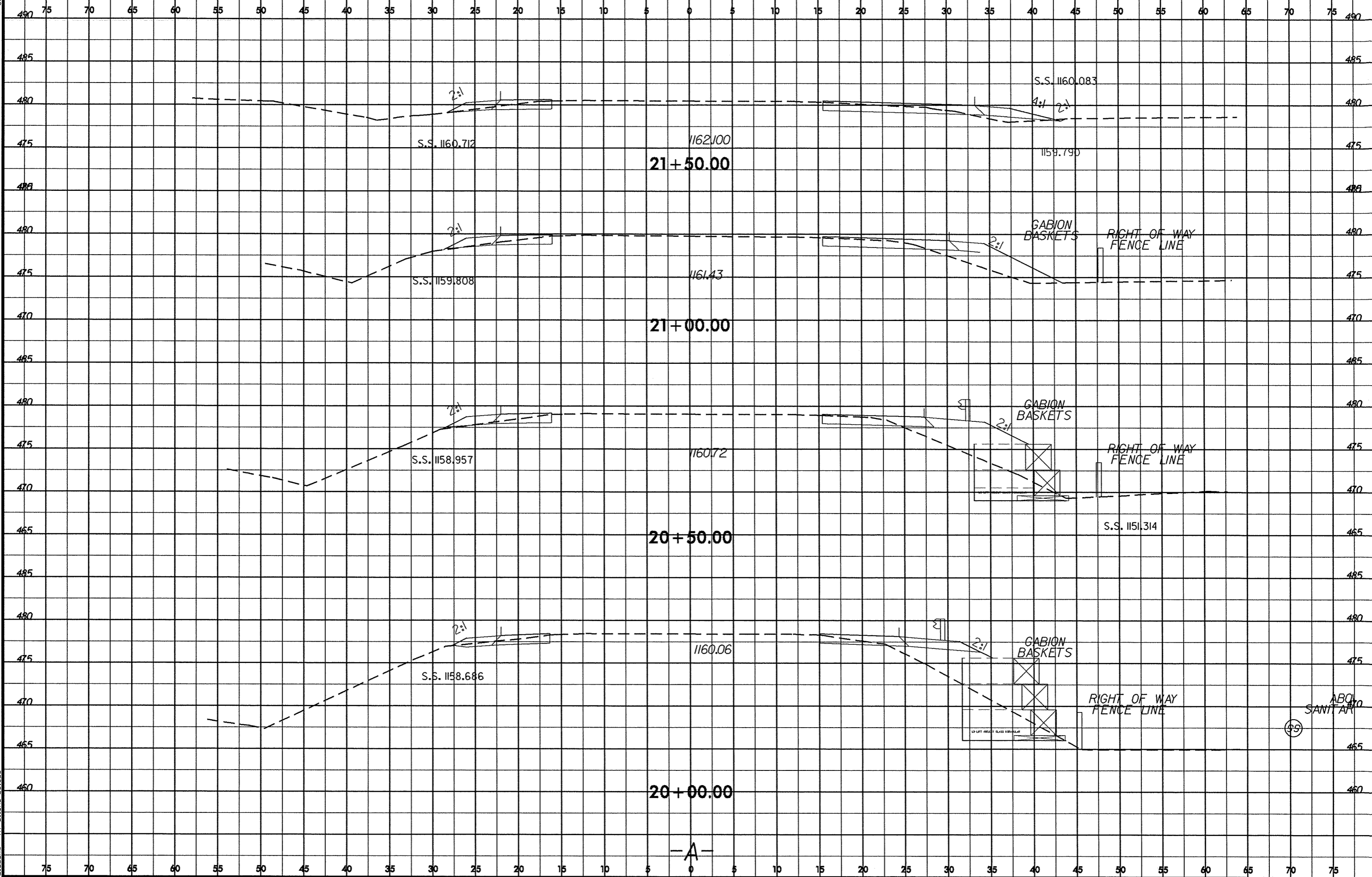
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18+50.00

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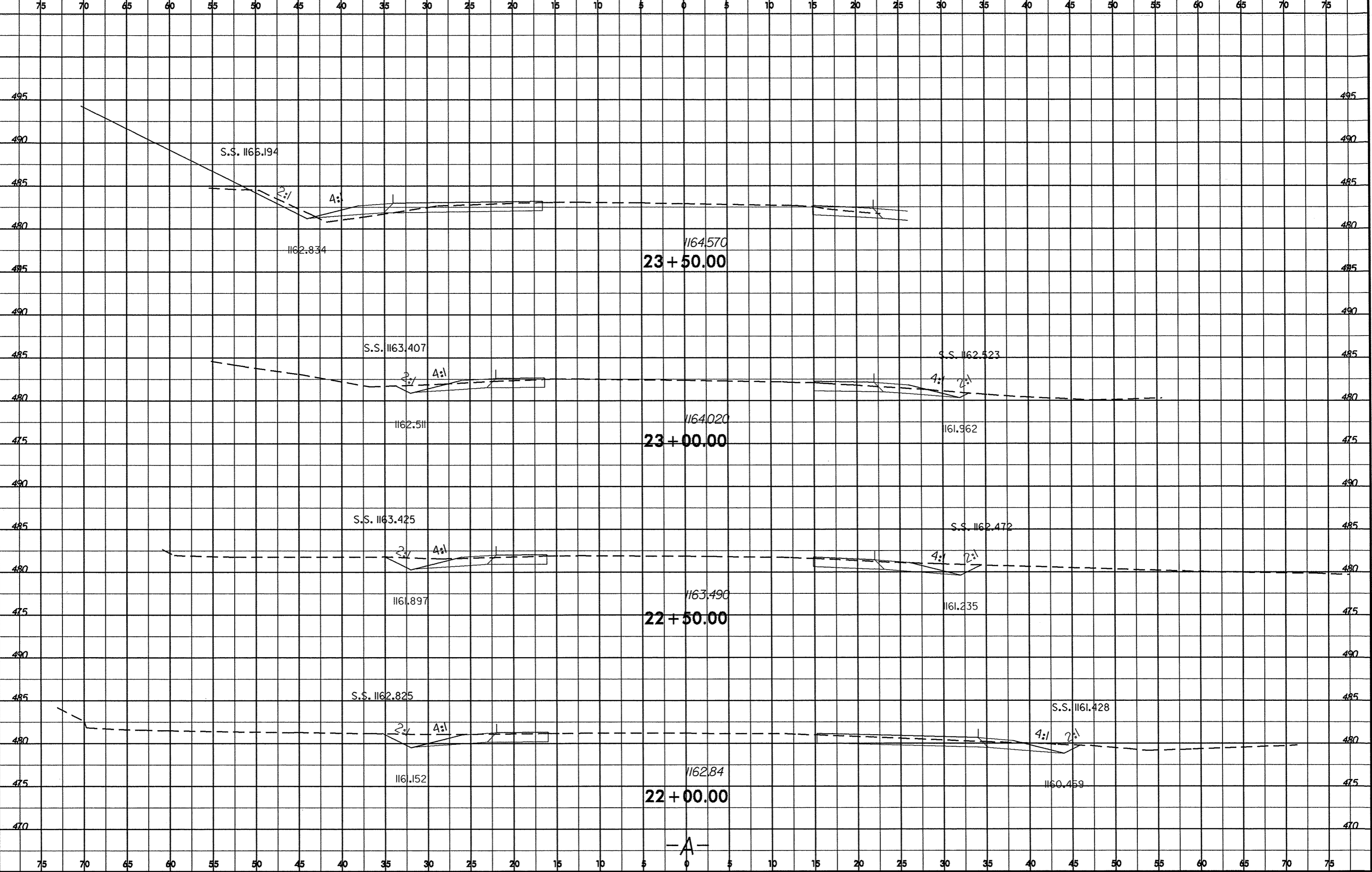
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 Plotter: AT

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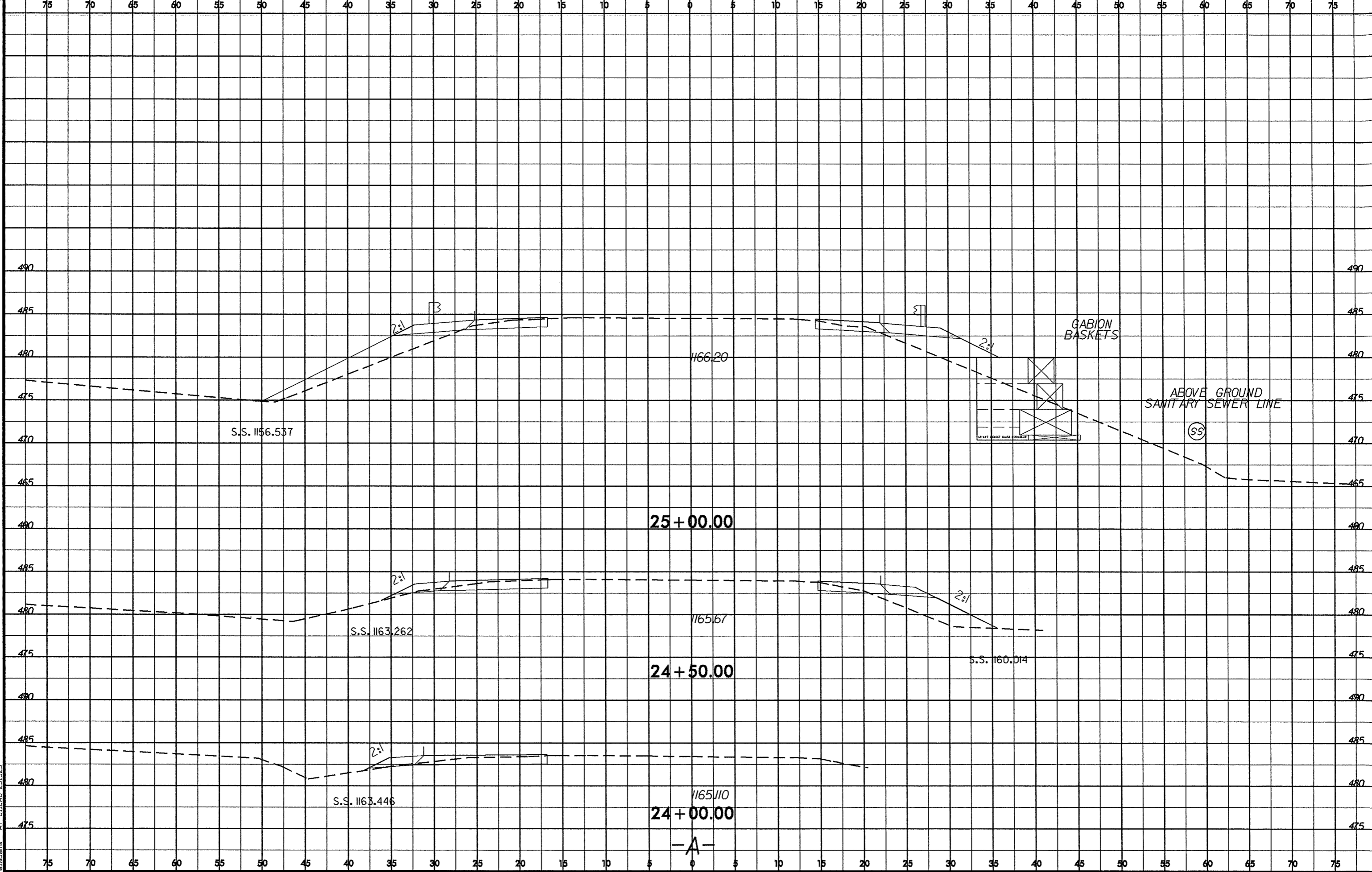
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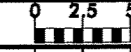


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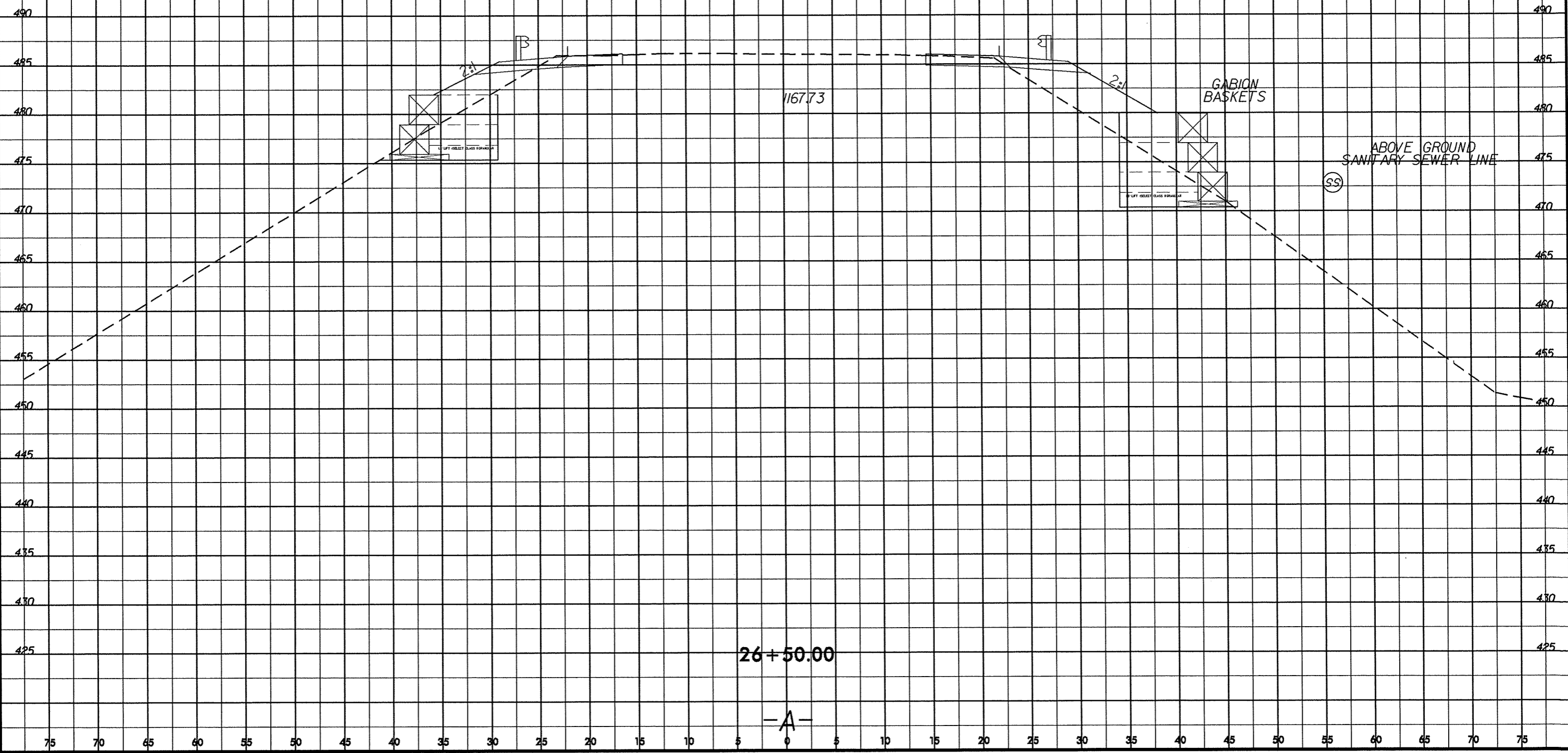
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aladams



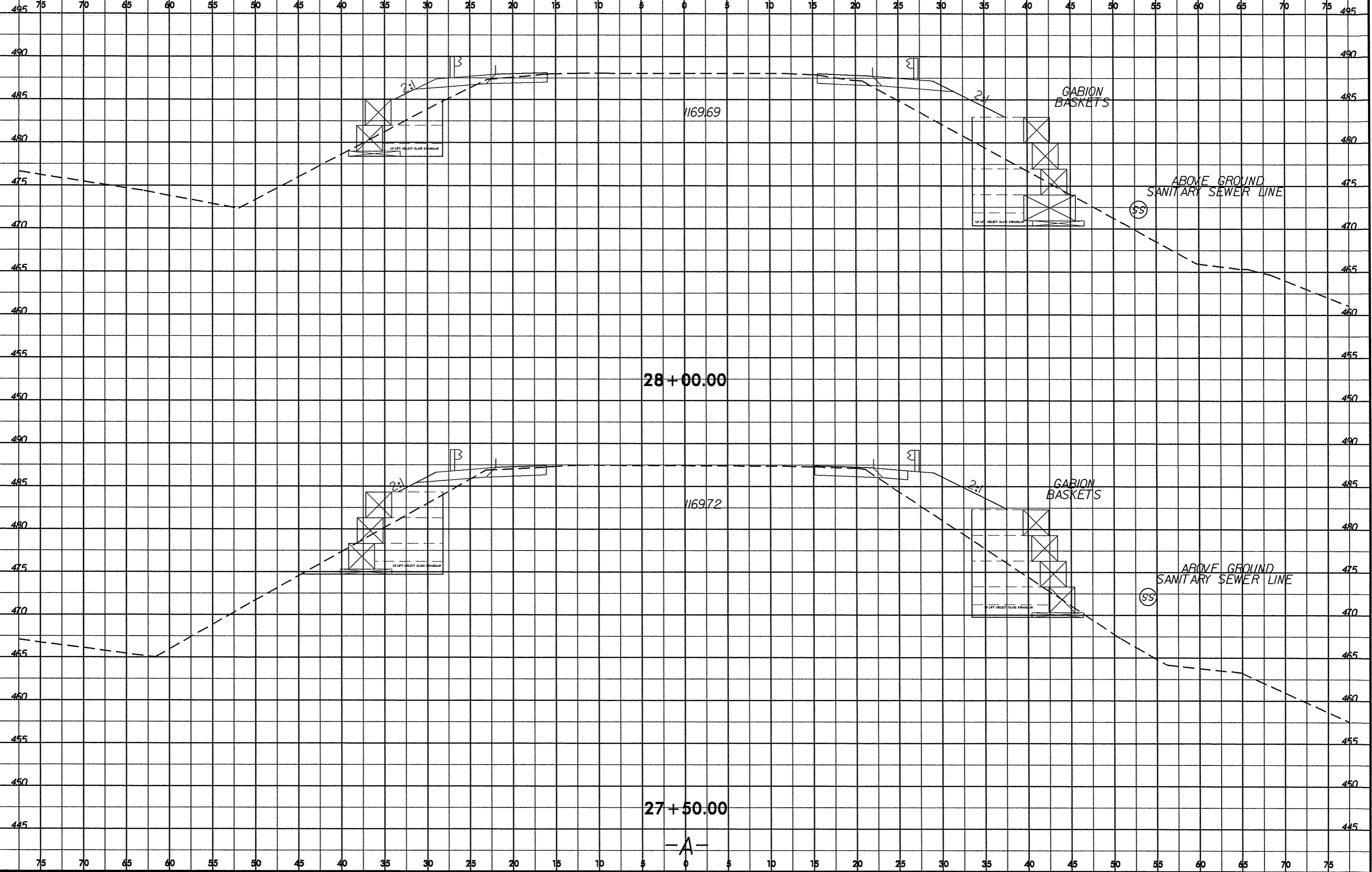


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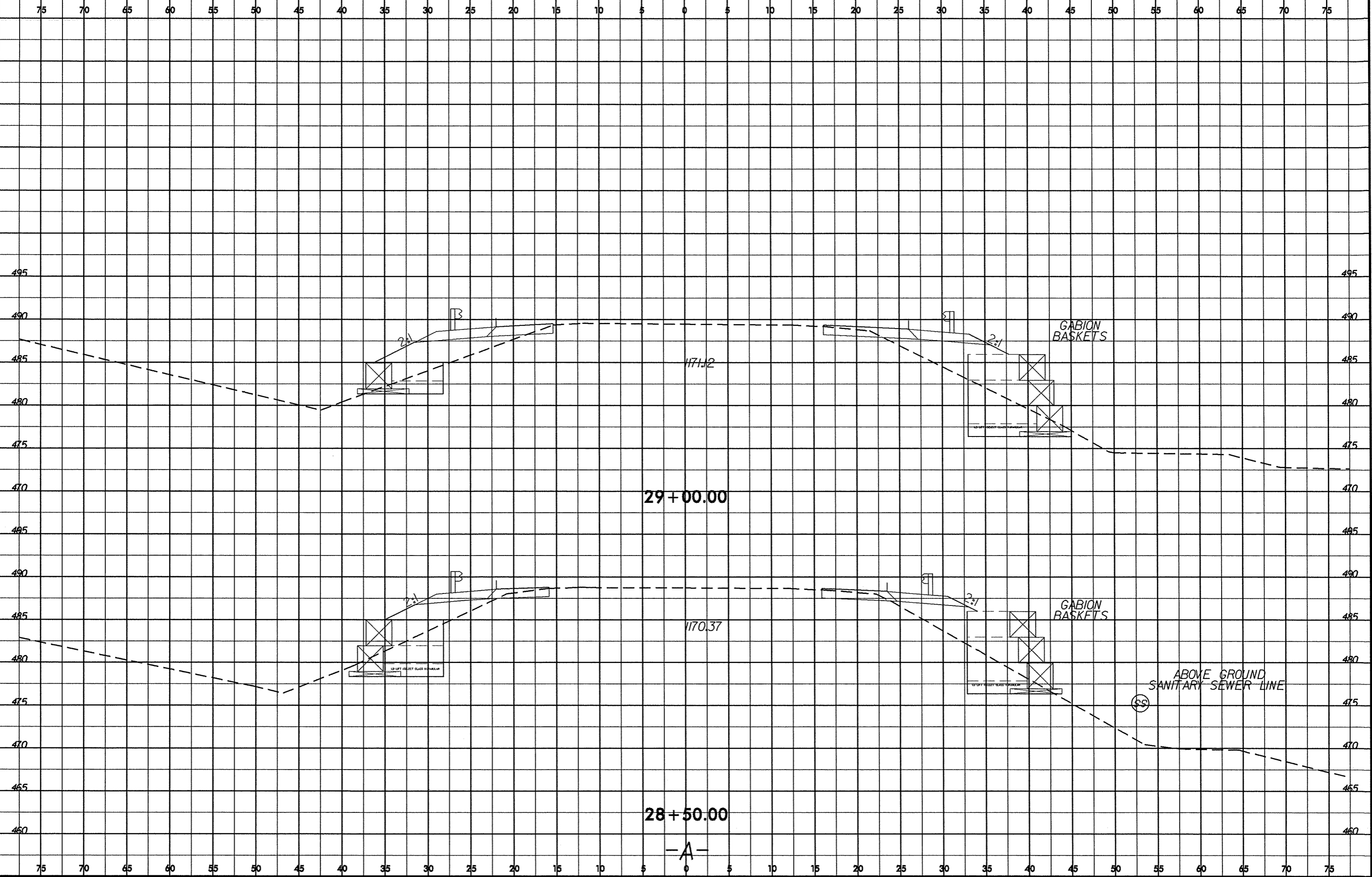
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8/23/99



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8/23/99



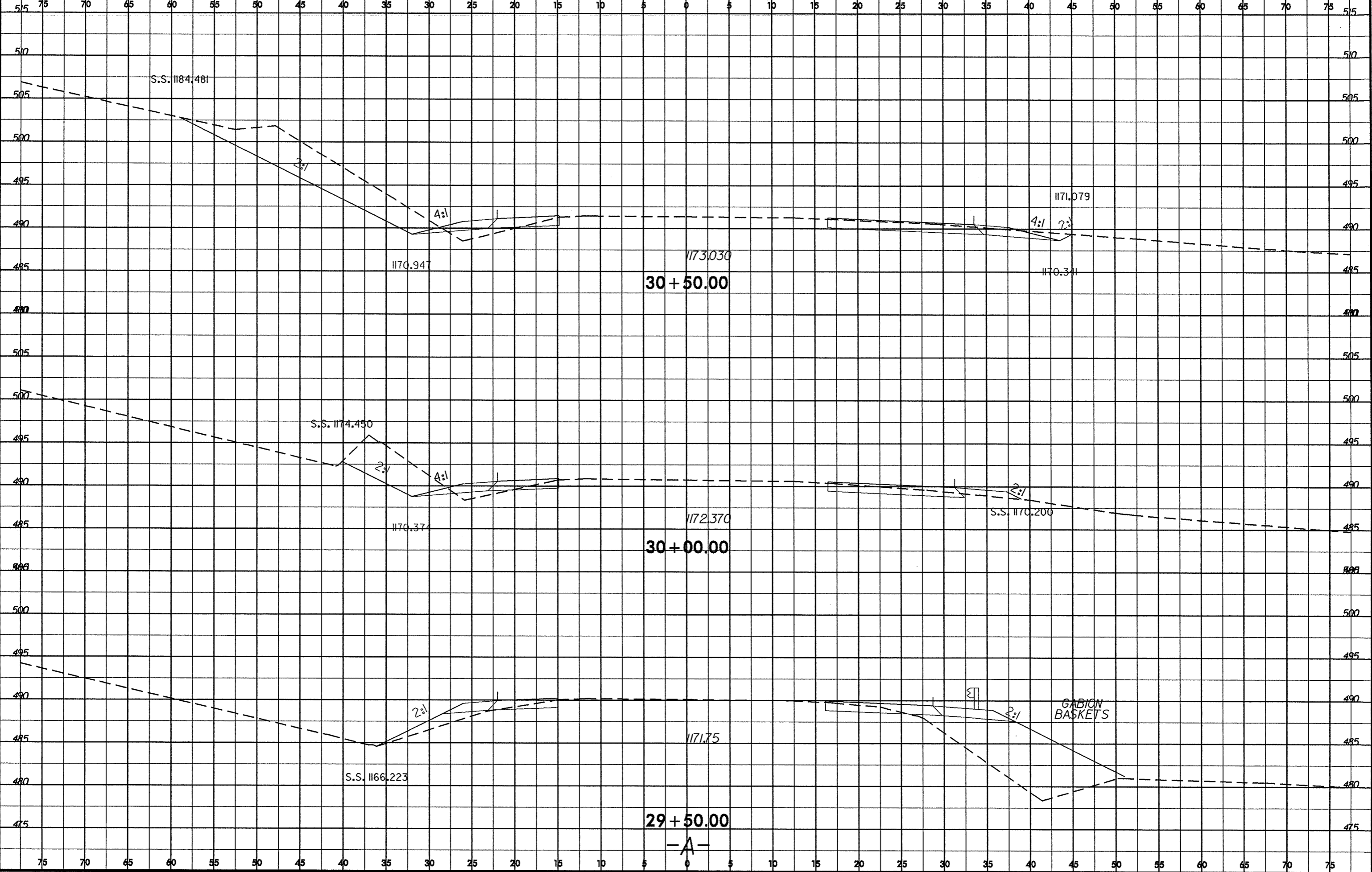
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29 + 00.00

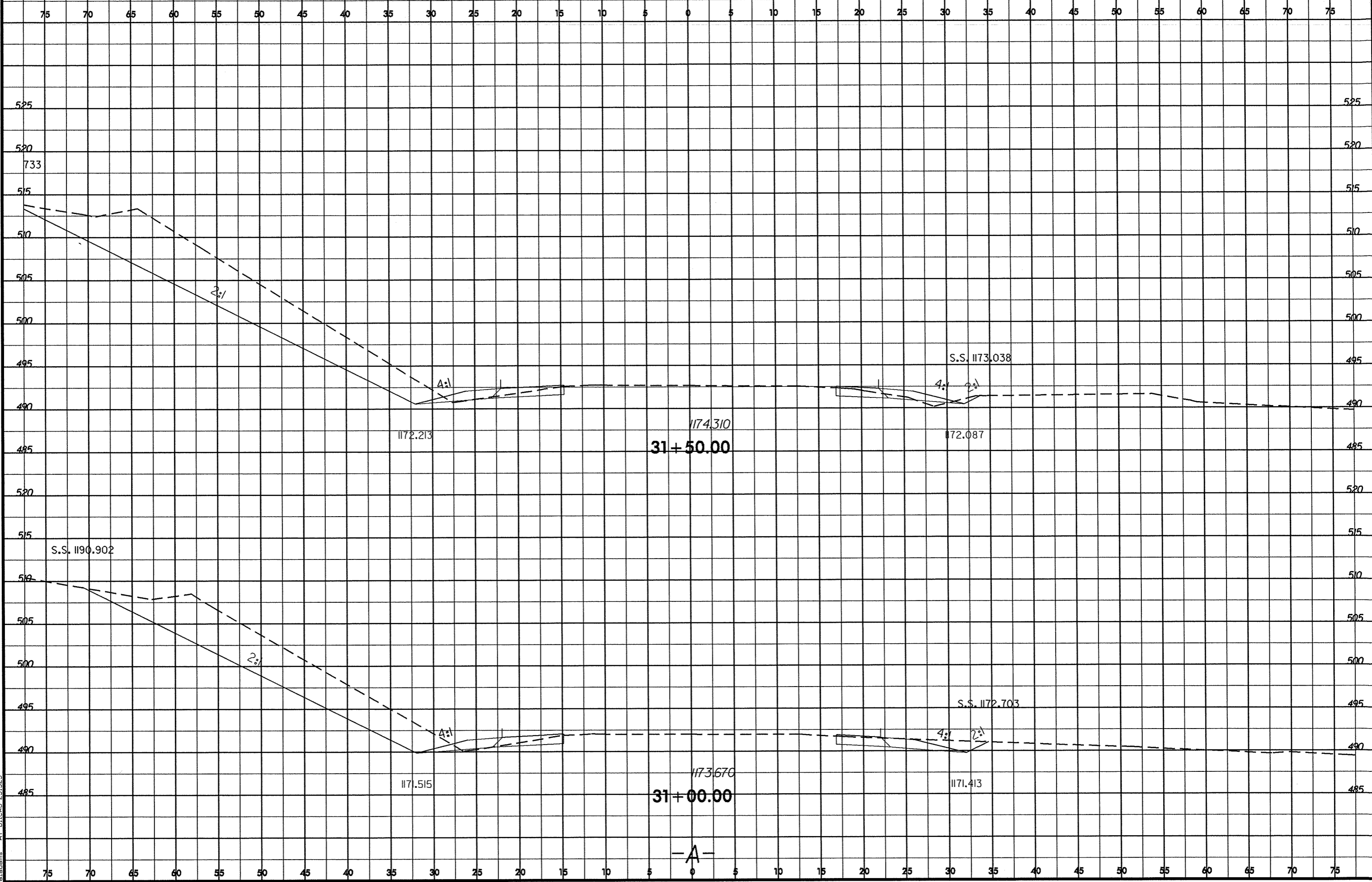
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8/23/19
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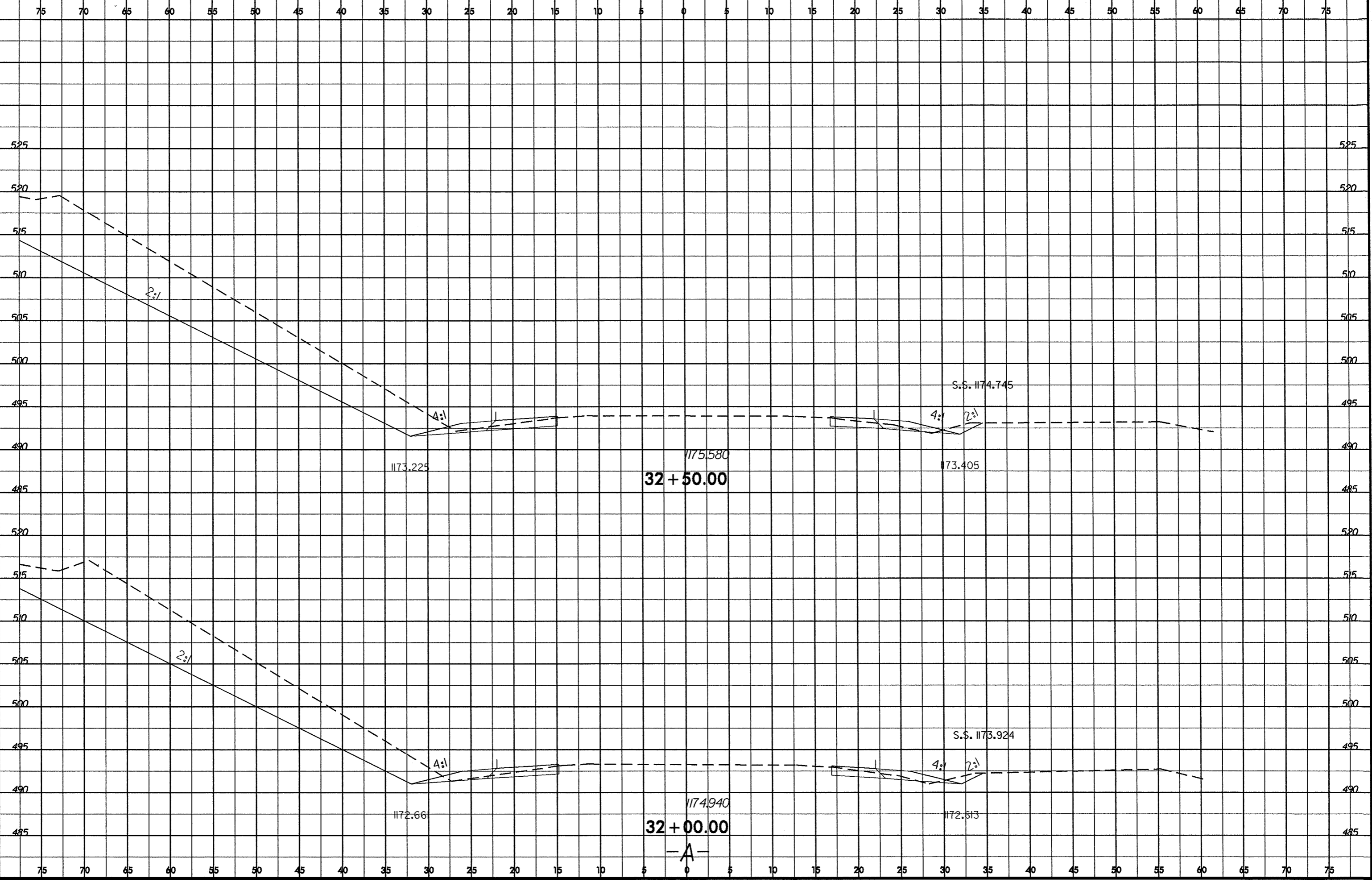


8/23/99

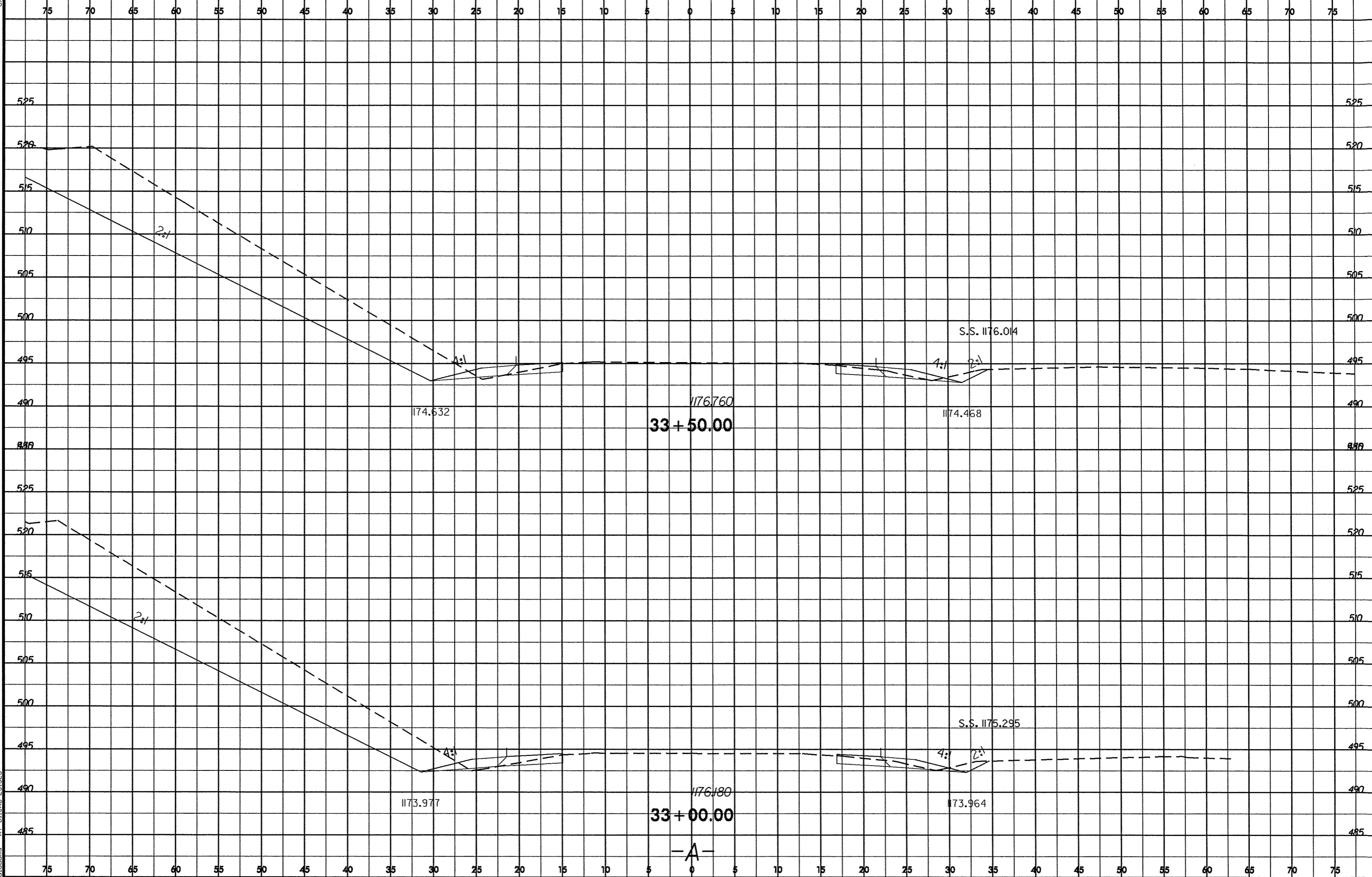


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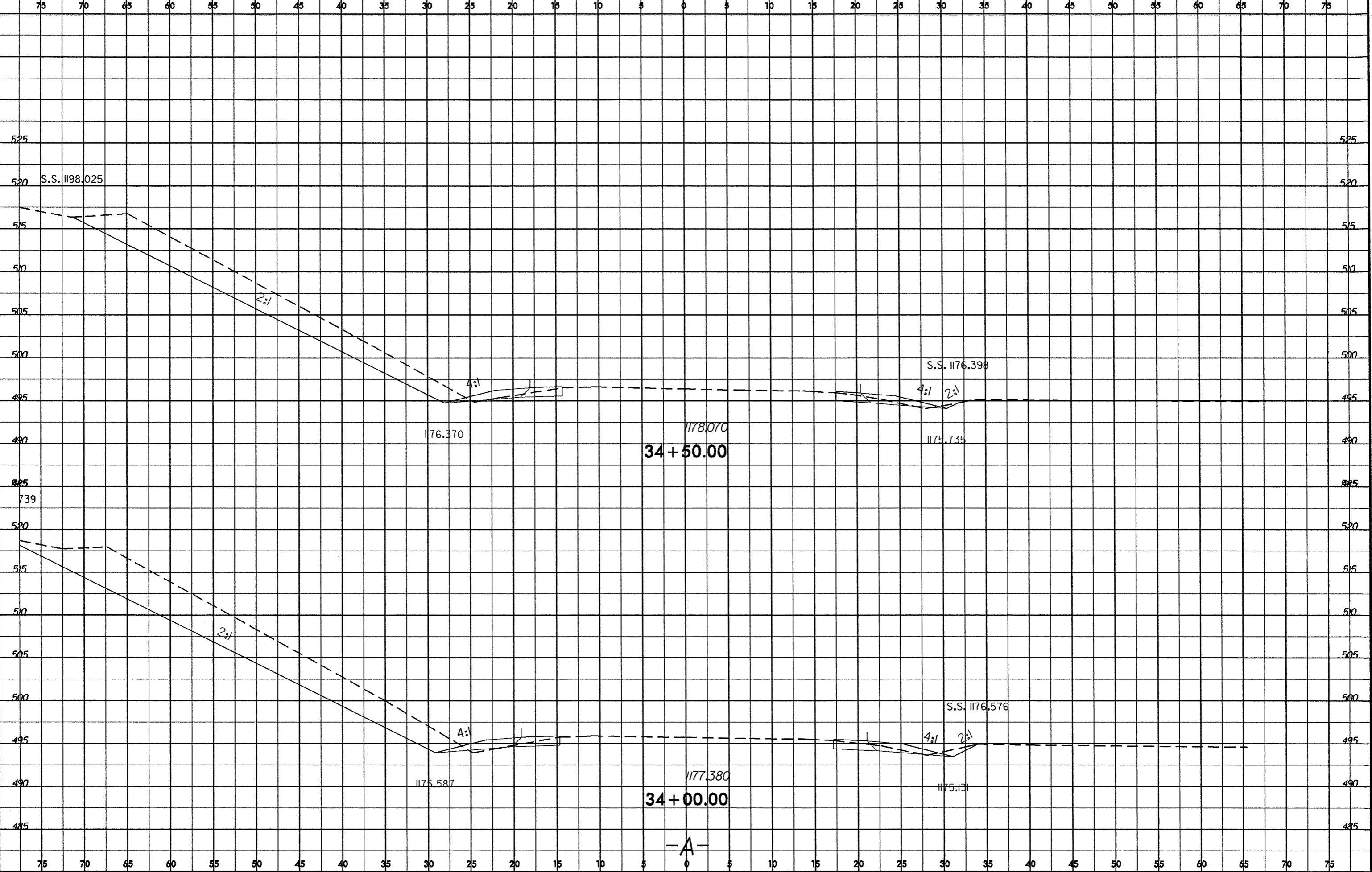
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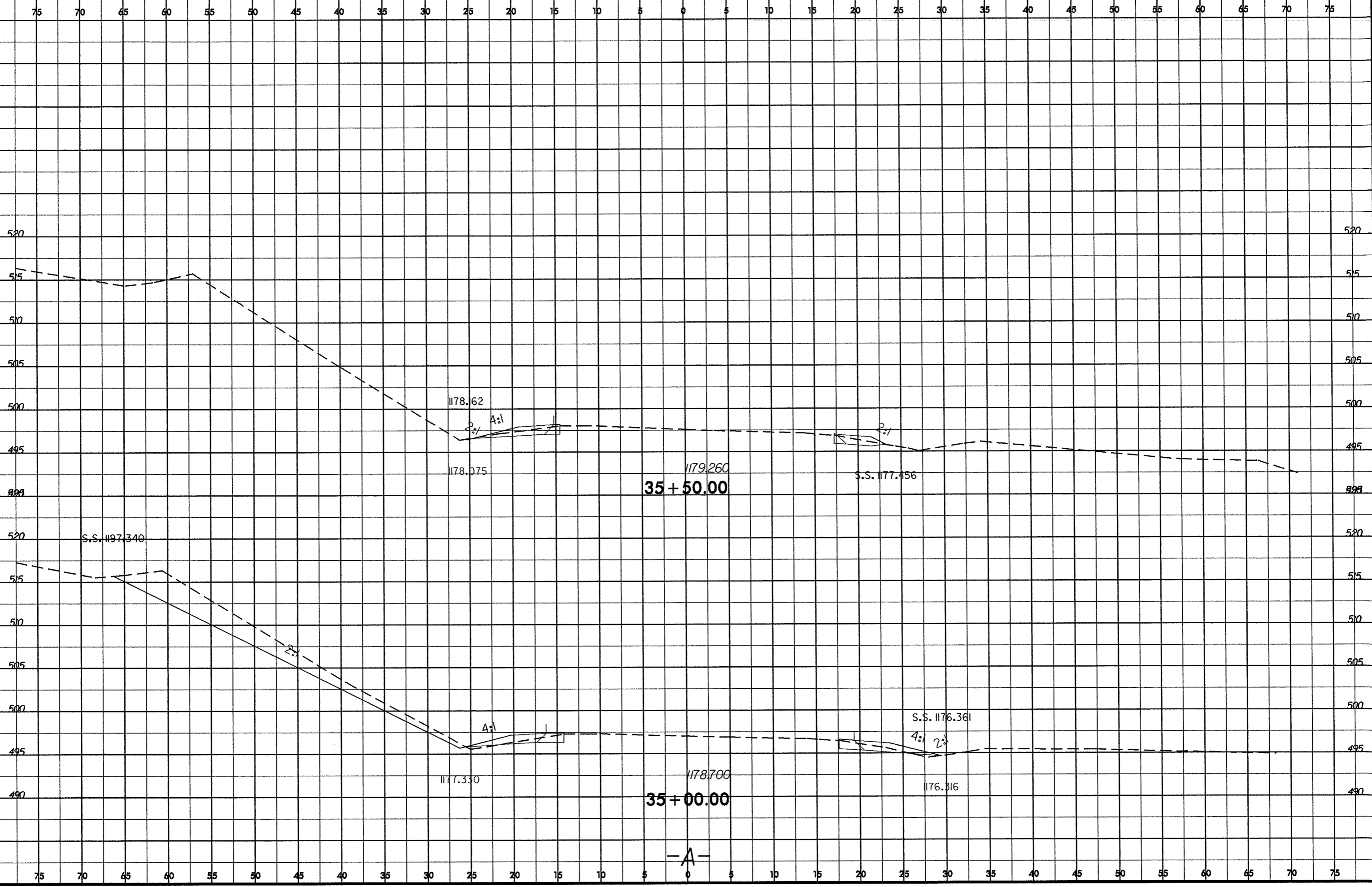
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8/23/99



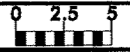
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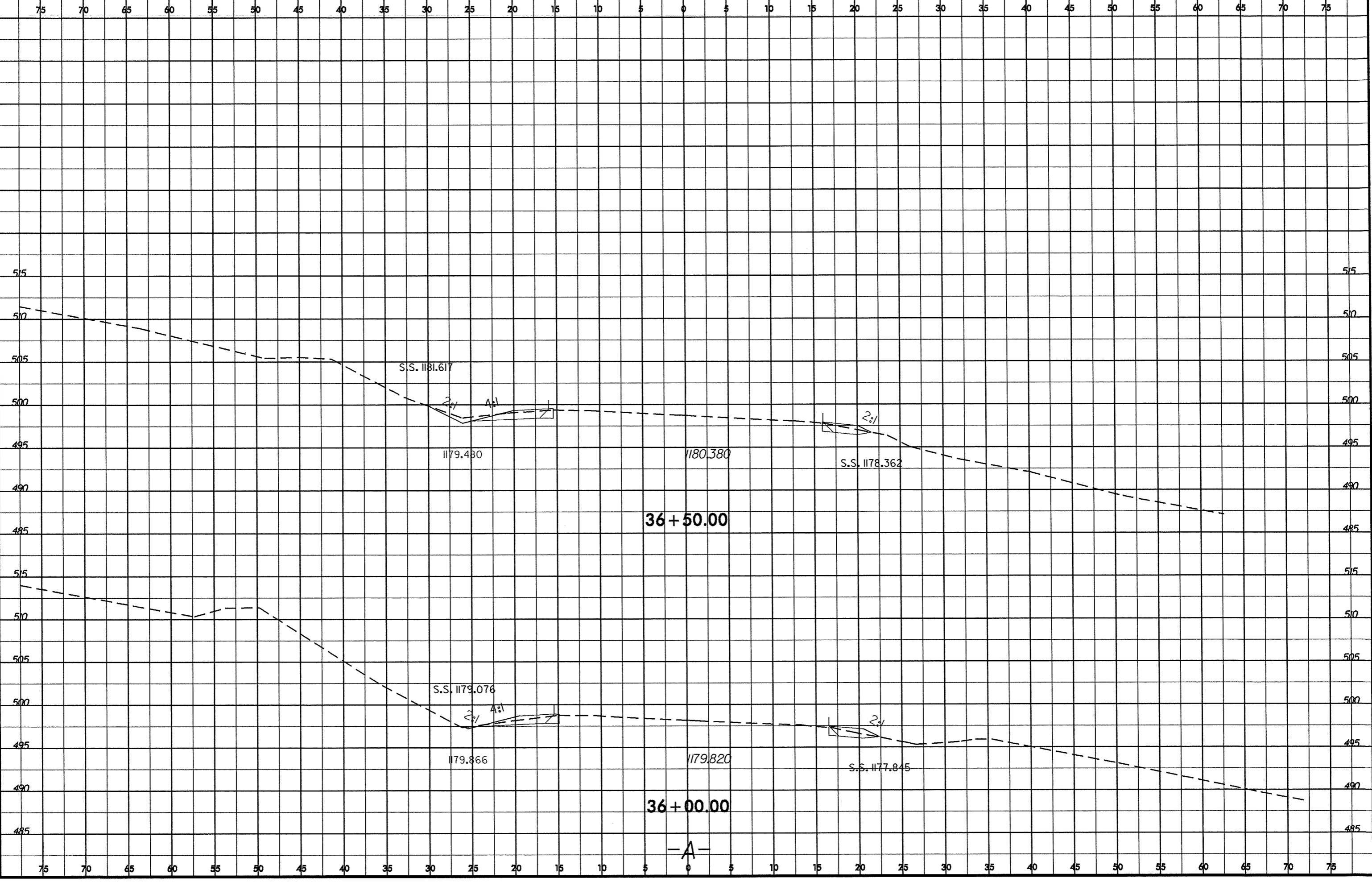


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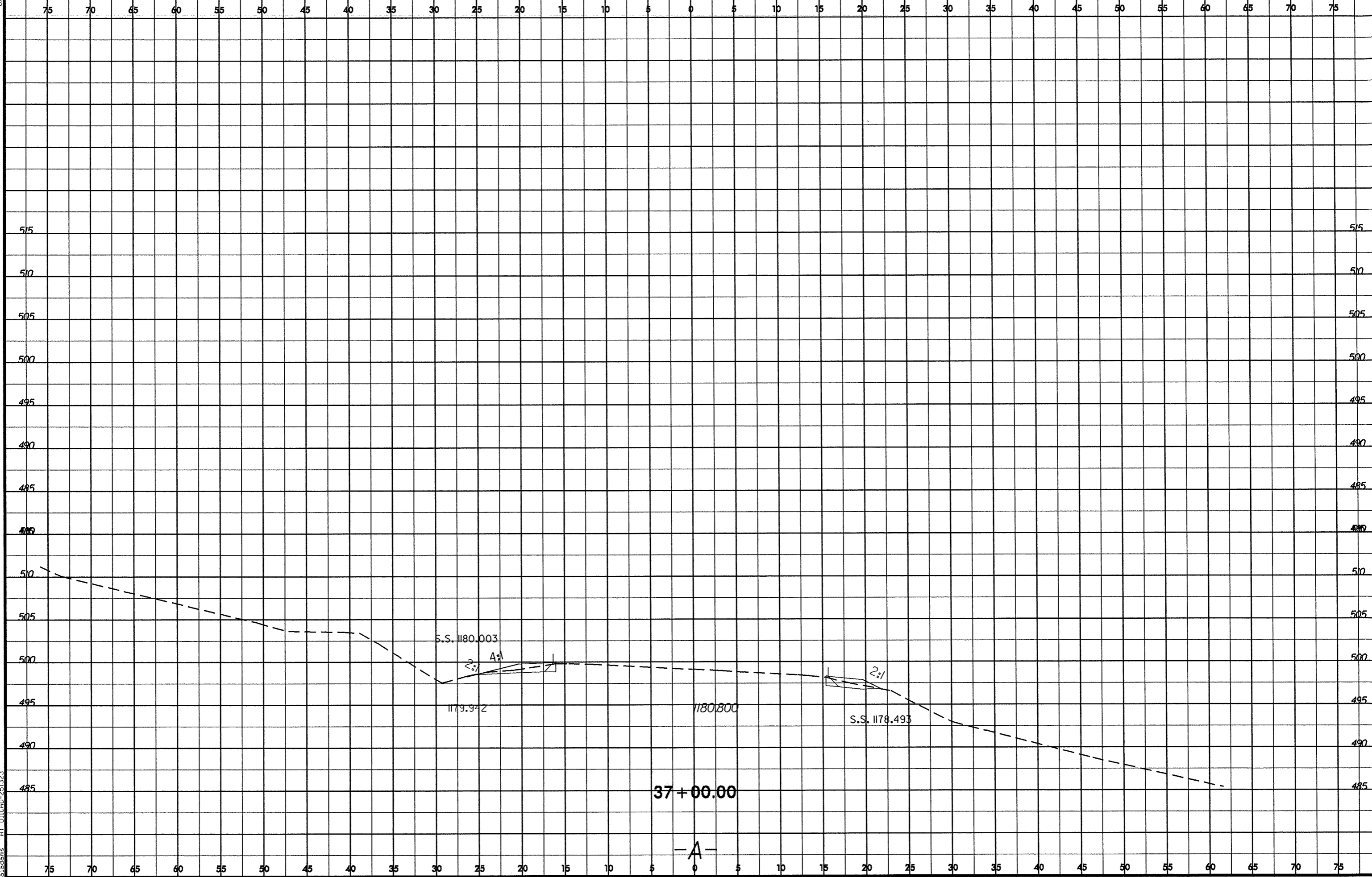
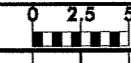
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PROJ. REFERENCE NO. SF-4911D SHEET NO. X-21



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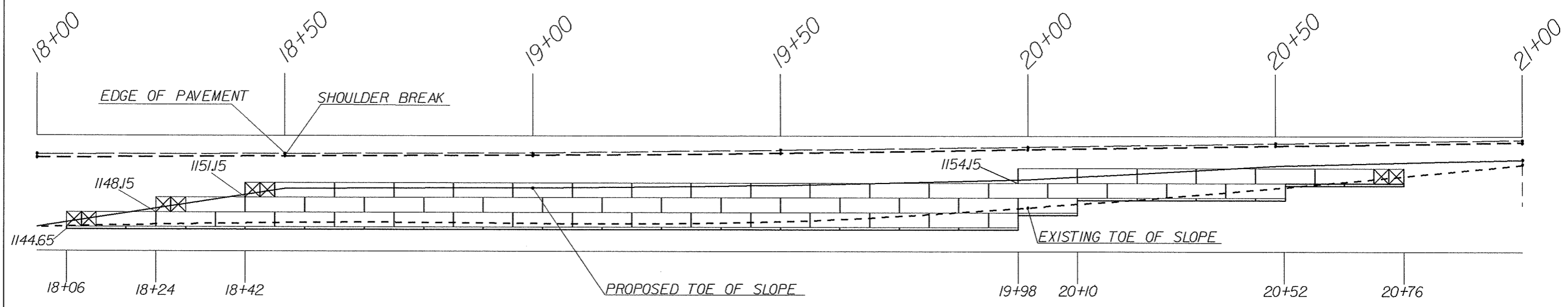
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8/17/99

PROJECT REFERENCE NO. SF-49110	SHEET NO. D1
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

HWY 16-18

GABION BASKET DETAIL FOR STATIONS 18+00 TO 21+00 RIGHT SIDE



GABION BASKETS

9 - 6' X 3' X 3'
 53 - 12' X 3' X 3'
 TOTAL CAPACITY = 240 CUBIC YARDS
 CALCULATED CLASS B RIP RAP TONNAGE = 390

RENO MATTRESSES

1 - 6' X 6' X 6"
 22 - 12' X 6' X 6"
 TOTAL CAPACITY = 32.3 CUBIC YARDS
 CALCULATED CLASS A RIP RAP TONNAGE = 50

NOTE: ALL PROPOSED ELEVATIONS ON BASKETS ARE ASSUMED FROM SURVEY DATA

NOT TO SCALE

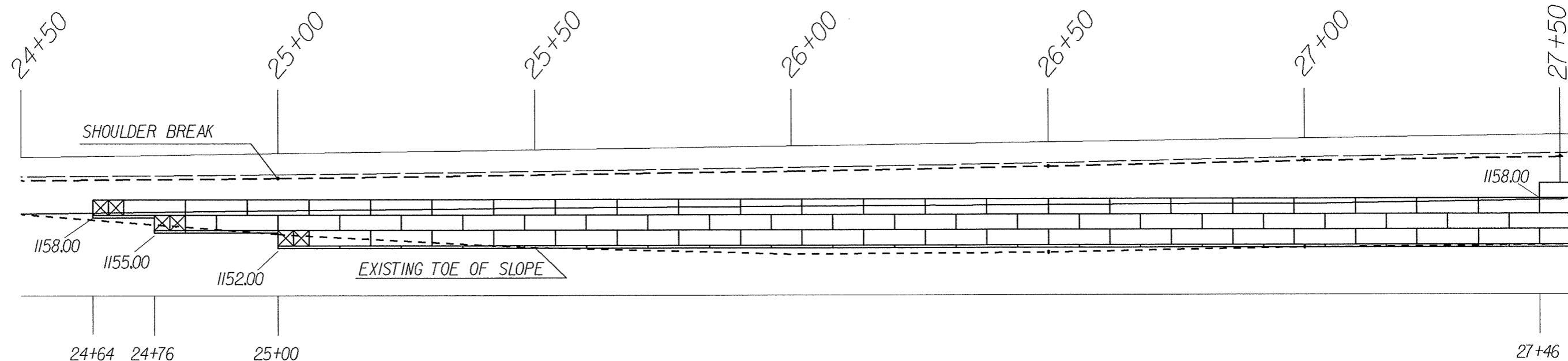
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8/17/99

PROJECT REFERENCE NO. SF-49110	SHEET NO. D2A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

HWY 16-18

GABION BASKET DETAIL FOR STATIONS 24+50 TO 30+00 RIGHT SIDE



MATCH LINE SEE DETAIL D2B

GABION BASKETS

15 - 6' X 3' X 3'
 17 - 12' X 3' X 3'
 TOTAL CAPACITY = 498 CUBIC YARDS
 CALCULATED CLASS B RIP RAP TONNAGE = 810

RENO MATTRESSES

2 - 6' X 6' X 6"
 42 - 12' X 6' X 6"
 TOTAL CAPACITY = 105 CUBIC YARDS
 CALCULATED CLASS A RIP RAP TONNAGE = 150

NOTE: ALL PROPOSED ELEVATIONS ON BASKETS ARE ASSUMED FROM SURVEY DATA

NOT TO SCALE

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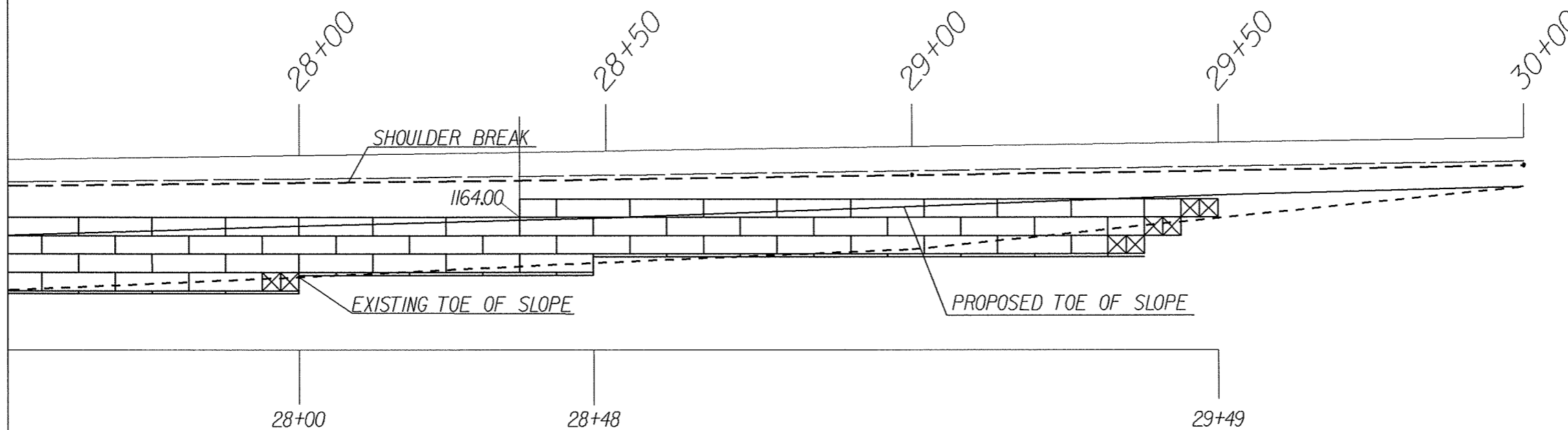
HWY 16-18

GABION BASKET DETAIL FOR

STATIONS 24+50 TO 30+00 RIGHT SIDE

PROJECT REFERENCE NO. <i>SF-49110</i>	SHEET NO. <i>D2B</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATCH LINE SEE. DETAIL D2A



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Author: [unreadable]

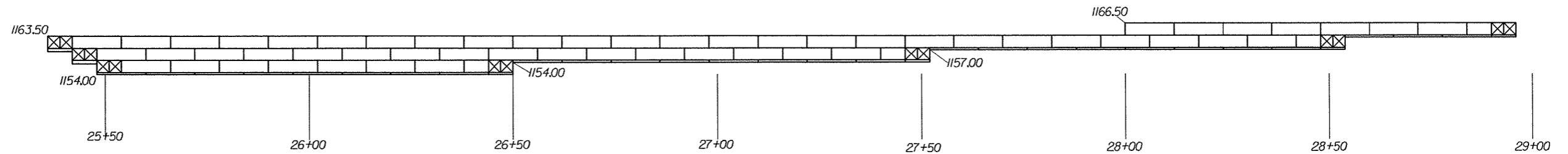
NOTE: ALL PROPOSED ELEVATIONS ON BASKETS ARE ASSUMED FROM SURVEY DATA

NOT TO SCALE

HWY 16-18

GABION BASKET DETAIL FOR STATIONS 25+00 TO 29+00 LEFT SIDE

PROJECT REFERENCE NO. <i>SF-49110</i>	SHEET NO. <i>D3</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



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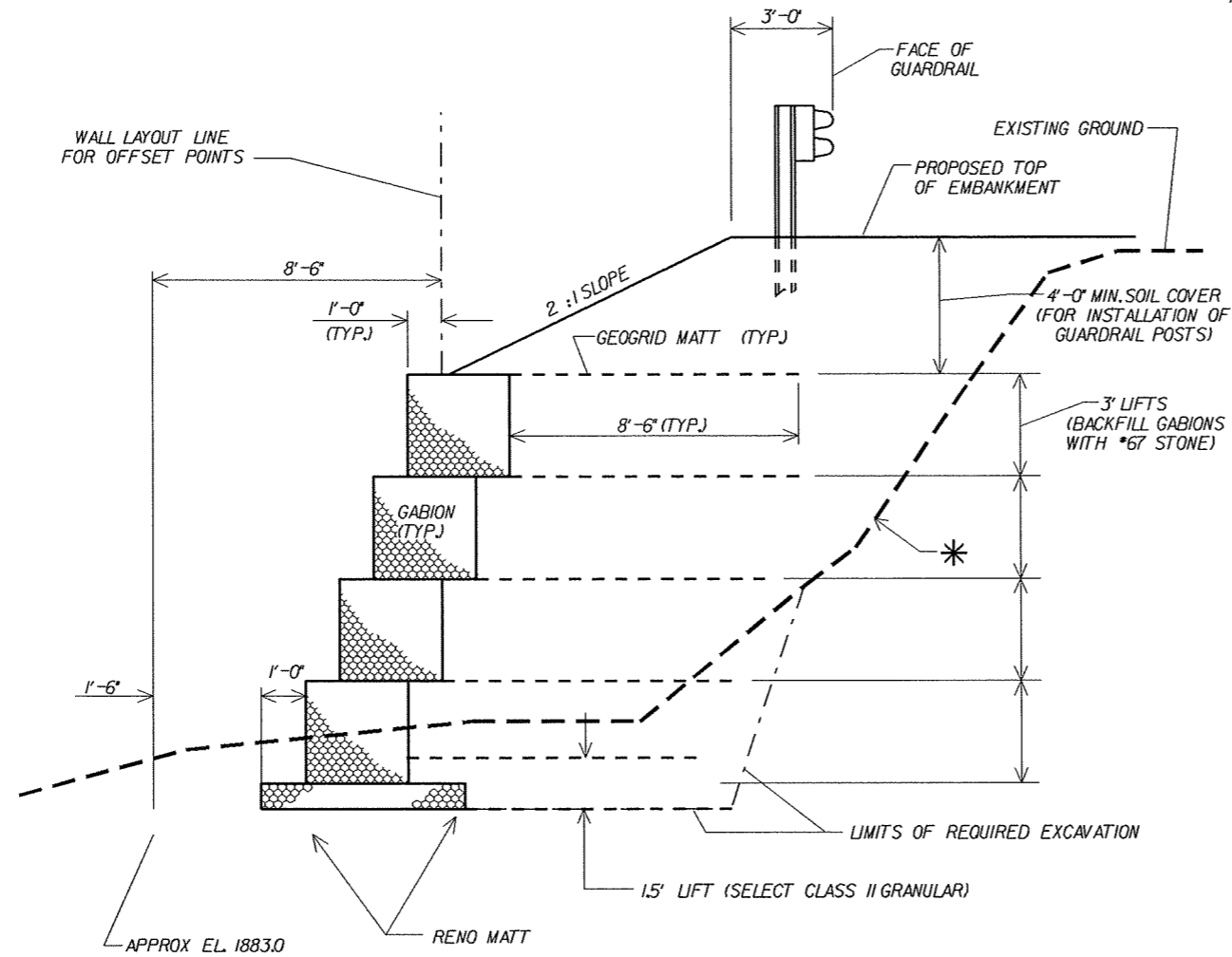
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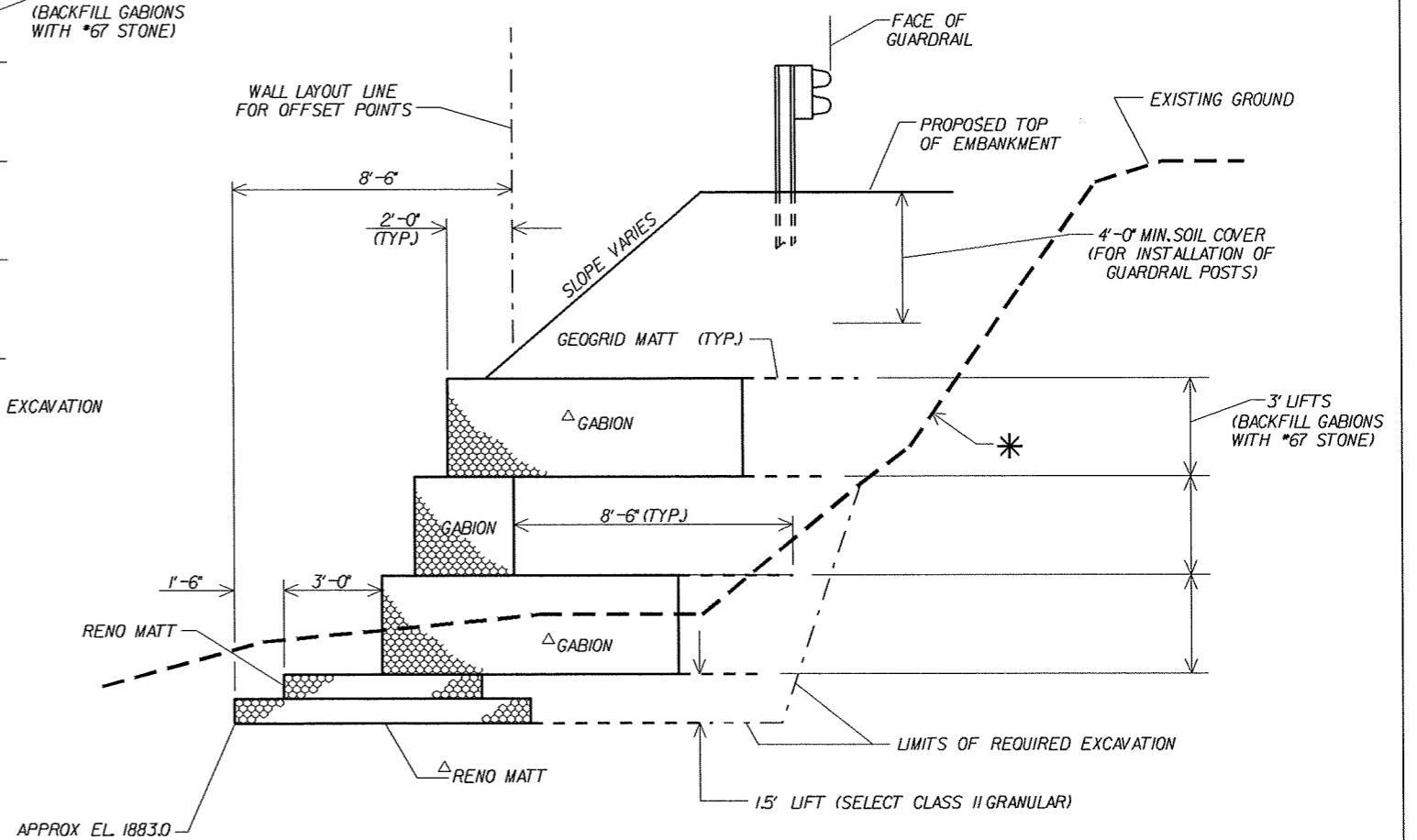
PROJECT REFERENCE NO.		SF-49110		SHEET NO.		D4	
ROADWAY DESIGN ENGINEER				HYDRAULICS ENGINEER			

CONSTRUCTION SEQUENCE:

- LAYOUT WALL LOCATION ALONG CURVE OF WALL.
- EXCAVATE DOWN TO ELEVATION 1883.0 AND INSTALL ANY SHORING THAT MIGHT BE NECESSARY.
- PLACE AND FILL WITH STONE BOTTOM LEVEL RENO MATTS ACCORDING TO WALL ELEVATION DESIGN. KEY INTO SLOPE RENO MATTS AS SHOWN ON PLANS.
- BACKFILL RENO MATTS WITH SELECT CLASS II GRANULAR.
- PLACE GEO-GRID AND ATTACH TO RENO MATTS.
- PLACE NEXT LEVEL OF RENO MATTS AND ATTACH TO BOTTOM LAYER. FILL MATTS WITH STONE.
- REPEAT SAME PROCESS WITH GABIONS UNTIL DESIRED LEVEL IS ACHIEVED.



TYPICAL SECTION THRU WALL



SECTION A-A THRU WALL

SHOWING RENO MATTS AND GABIONS KEYED INTO SLOPE

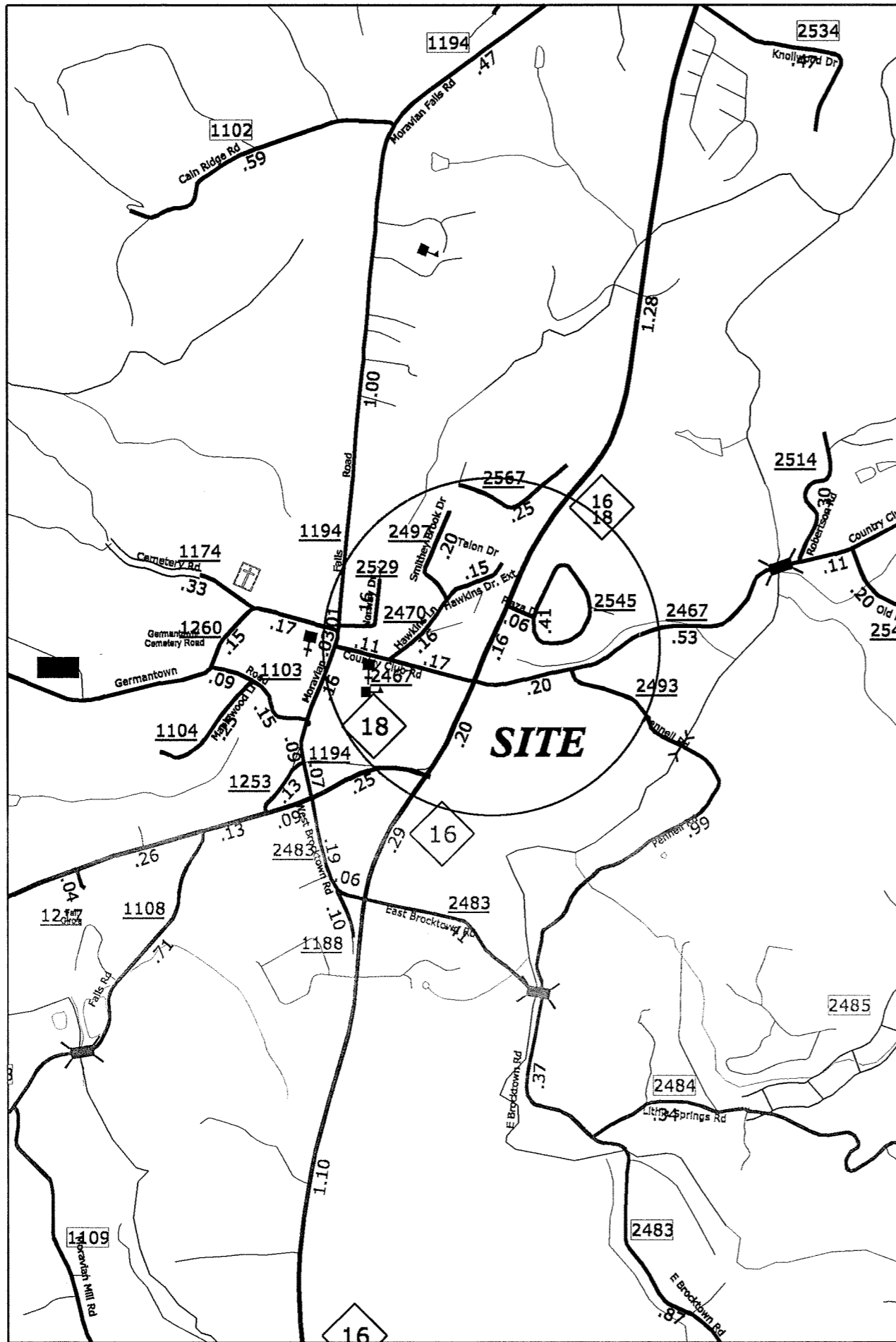
NOTES:

- GABIONS ARE TO FILLED WITH CLASS A RIP RAP AS DIRECTED BY THE ENGINEER.

* EXISTING SLOPE THAT HAS BEEN CLEARED AND GRUBBED TO BE OVERLAD WITH GEO-FABRIC TO AID IN SLOPE STABILIZATION

△ GABIONS OR RENO MATTS THAT ARE KEYED INTO SLOPE

VICINITY MAP



PROJECT REFERENCE NO.	SHEET NO.
HWY 16-18 TURN LANE	EC 1
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WILKES COUNTY

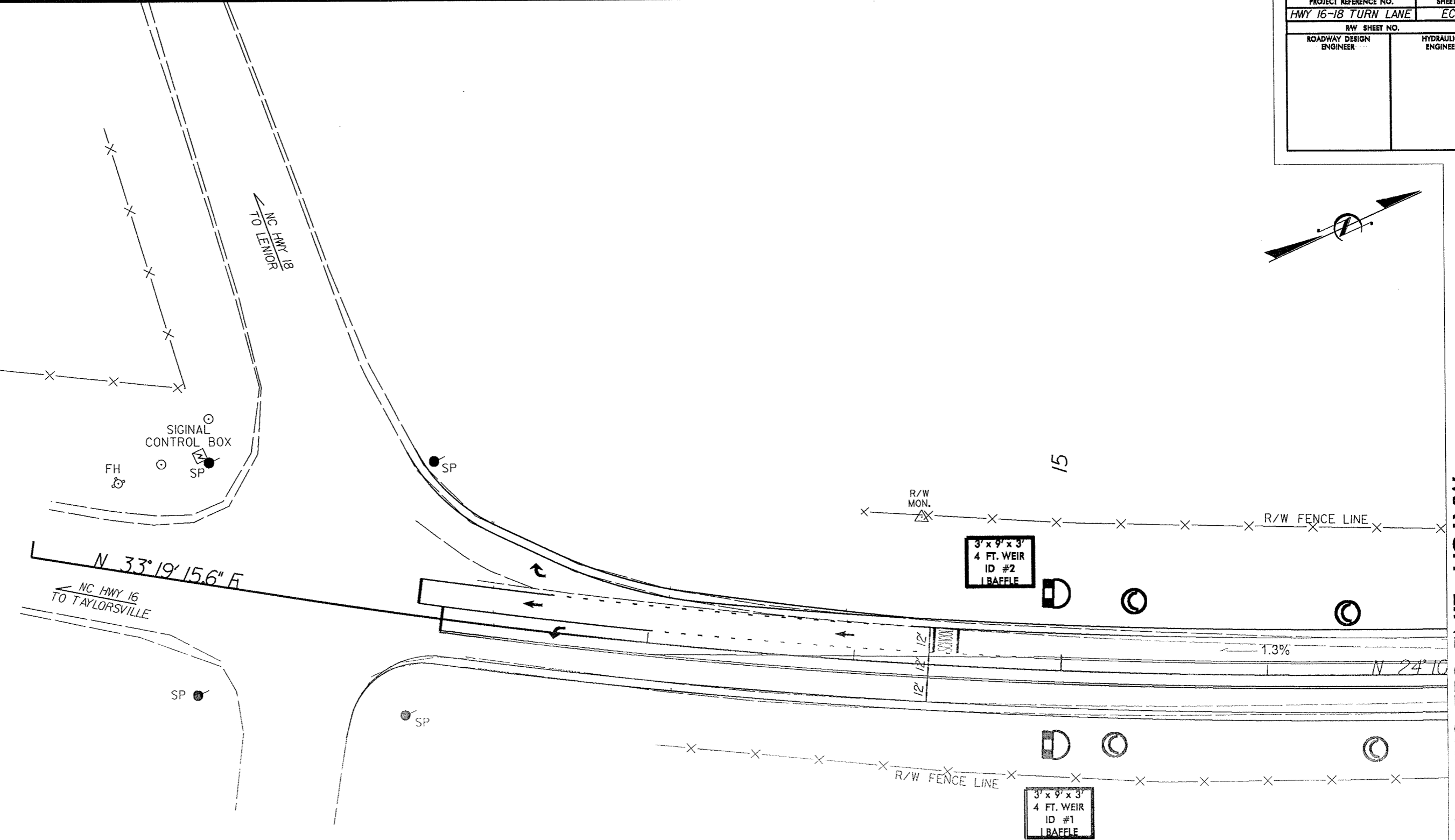
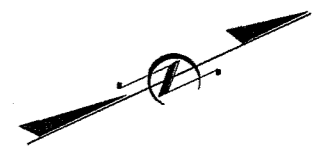
EROSION CONTROL PLANS FOR NC HWY 16-18 TURN LANE

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.02	Silt Basin Type B	
1630.03	Temporary Silt Ditch	
1630.05	Temporary Diversion	
1630.06	Special Stilling Basin	
1632.03	Rock Inlet Sediment Trap Type C	
1633.01	Temporary Rock Silt Check Type-A	
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	
1633.02	Temporary Rock Silt Check Type-B	
	Wattle	
	Wattle with Polyacrylamide (PAM)	
1634.02	Temporary Rock Sediment Dam Type-B	
1635.01	Rock Pipe Inlet Sediment Trap Type-A	

REVISIONS

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PROJECT REFERENCE NO. HWY 16-18 TURN LANE	SHEET NO. EC 2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE SEE SHEET 5

REVISIONS

8/17/99
01-MAR-2012 10:04 AM
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MATTING IS REQUIRED FOR DITCH LINE

ALL SECTIONS ARE UNDER THE 30 DAY DESIGN AND MUST BE PERMANENTLY STABILIZED WITHIN 30 DAYS OF THE TIME CLEARING AND GRUBBING BEGINS.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

HORIZONTAL SCALE 1" = 50'

CHRIS ABSHER
LEVEL IIIA NAME

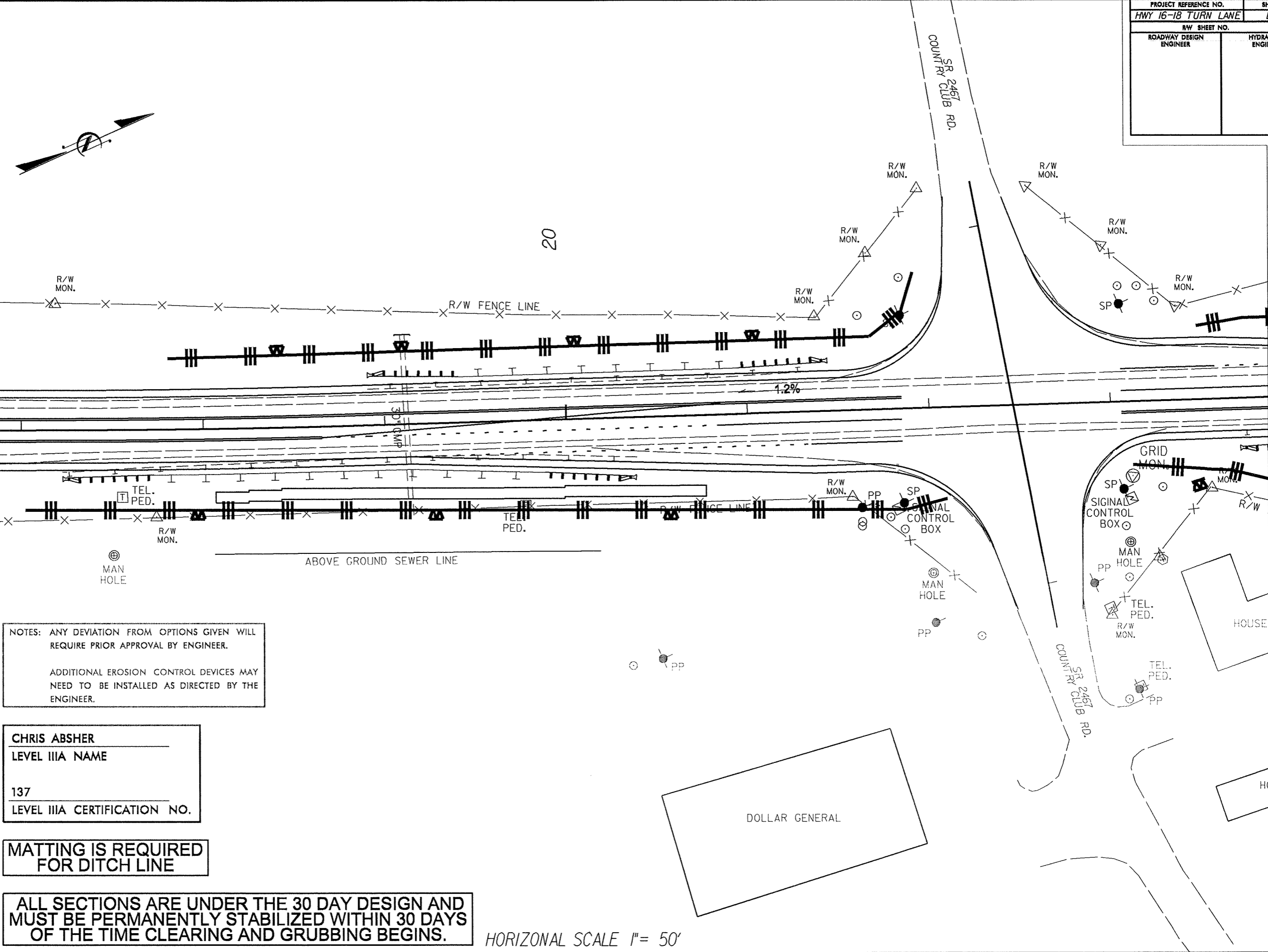
137
LEVEL IIIA CERTIFICATION NO.

PROJECT REFERENCE NO.	SHEET NO.
HWY 16-18 TURN LANE	EC 3
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

8/17/99

MATCH LINE SEE SHEET 4

MATCH LINE SEE SHEET 6



NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

CHRIS ABSHER
LEVEL IIIA NAME

137
LEVEL IIIA CERTIFICATION NO.

MATTING IS REQUIRED FOR DITCH LINE

ALL SECTIONS ARE UNDER THE 30 DAY DESIGN AND MUST BE PERMANENTLY STABILIZED WITHIN 30 DAYS OF THE TIME CLEARING AND GRUBBING BEGINS.

HORIZONTAL SCALE 1" = 50'

REVISIONS

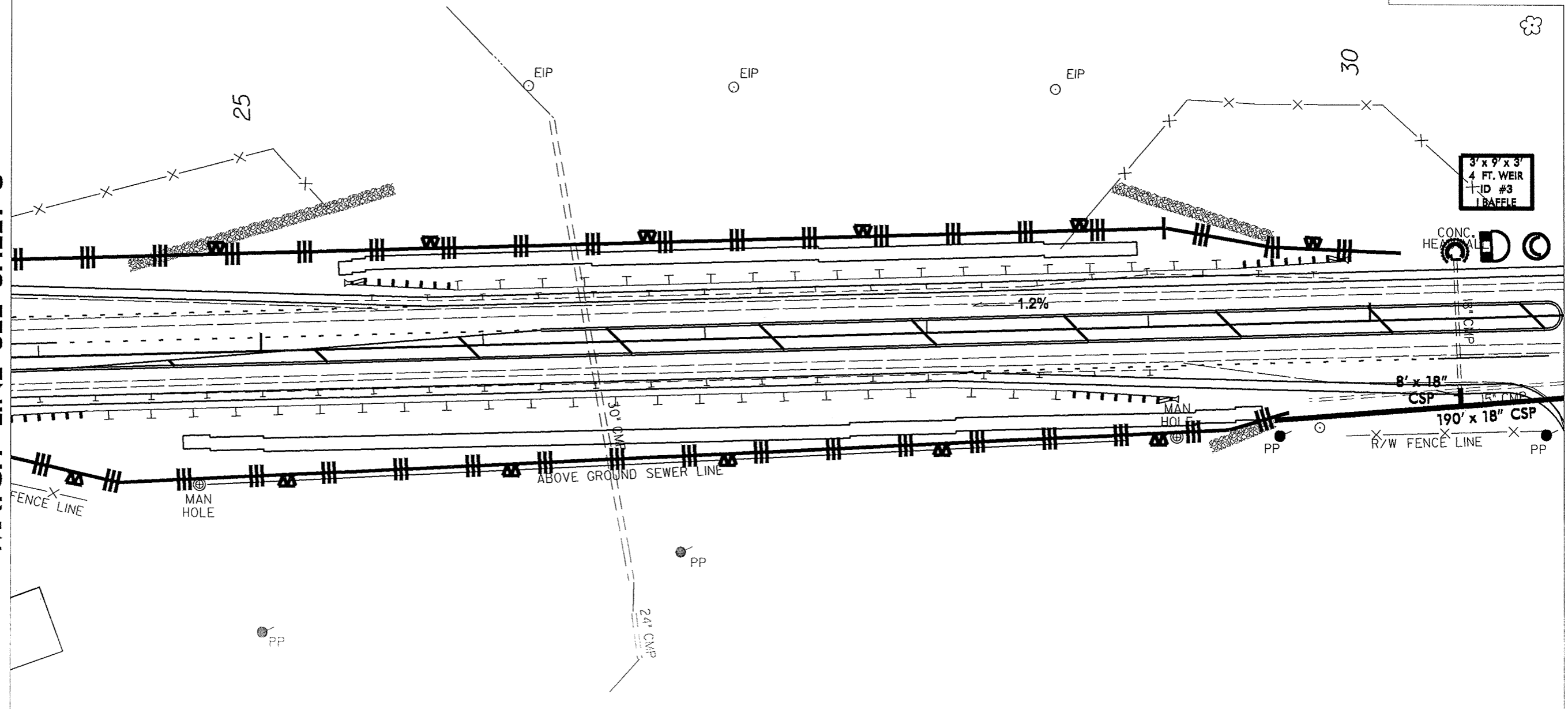
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PROJECT REFERENCE NO. HWY 16-18 TURN LANE	SHEET NO. EC 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE SEE SHEET 5

MATCH LINE SEE SHEET 7



3' x 9' x 3'
4 FT. WEIR
ID #3
1 BAFFLE

CONC. HEADWALL

8' x 18" CSP
190' x 18" CSP

ABOVE GROUND SEWER LINE

MAN HOLE

MAN HOLE

FENCE LINE

R/W FENCE LINE

HOUSE

HOUSE

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MATTING IS REQUIRED FOR DITCH LINE

CHRIS ABSHER
LEVEL IIIA NAME

137
LEVEL IIIA CERTIFICATION NO.

HORIZONTAL SCALE 1" = 50'

REVISIONS

8/17/98
R:\MAR-2012\Jill R\New_Roy\Pos\02\0201\16-18\16-18-14_EC.dsn.dwg
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PROJECT REFERENCE NO.	SHEET NO.
HWY 16-18 TURN LANE	7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

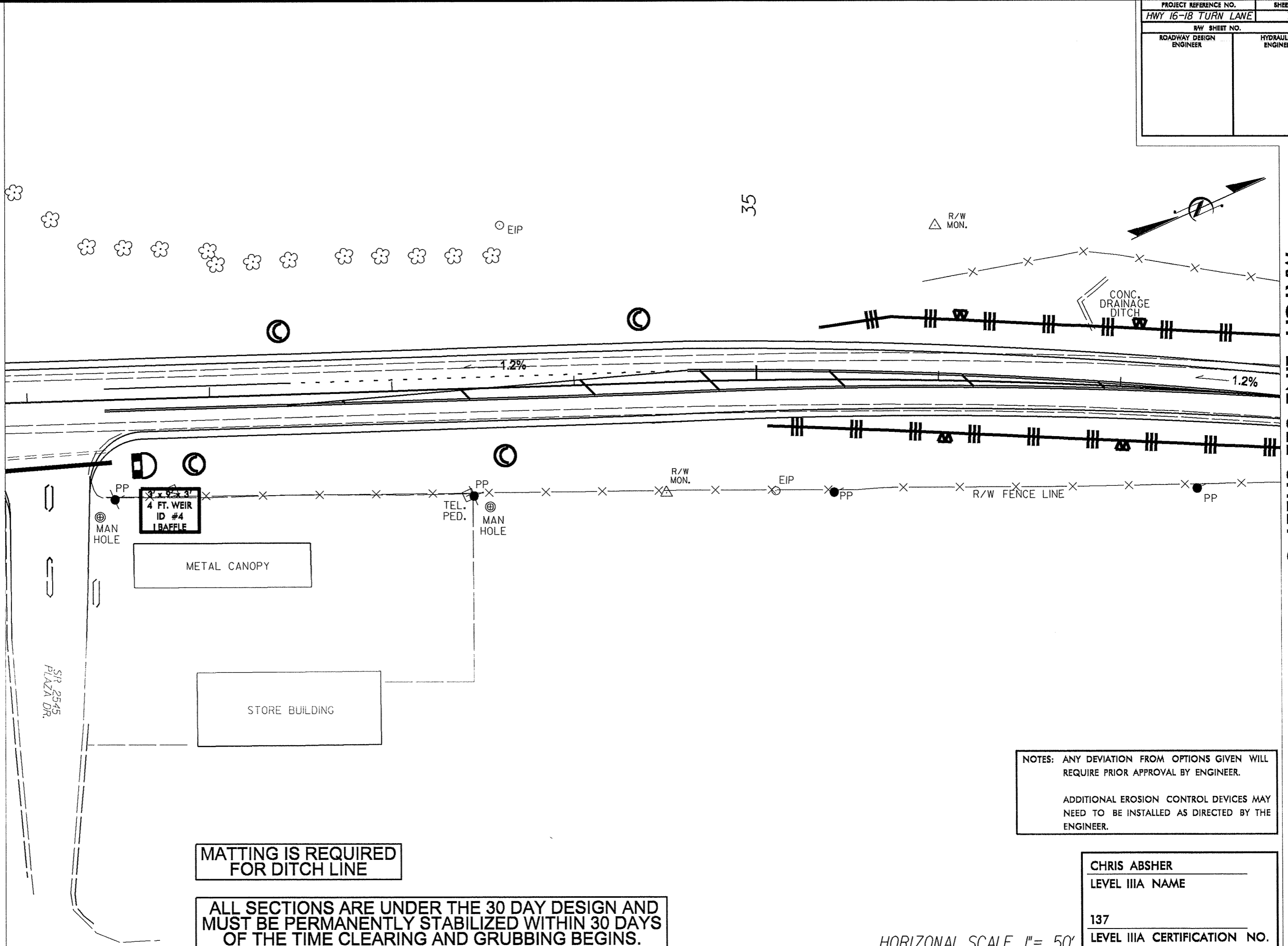
8/17/99

REVISIONS

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MATCH LINE SEE SHEET 6

MATCH LINE SEE SHEET 8



NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

MATTING IS REQUIRED FOR DITCH LINE

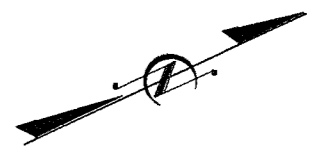
ALL SECTIONS ARE UNDER THE 30 DAY DESIGN AND MUST BE PERMANENTLY STABILIZED WITHIN 30 DAYS OF THE TIME CLEARING AND GRUBBING BEGINS.

CHRIS ABSHER
 LEVEL IIIA NAME

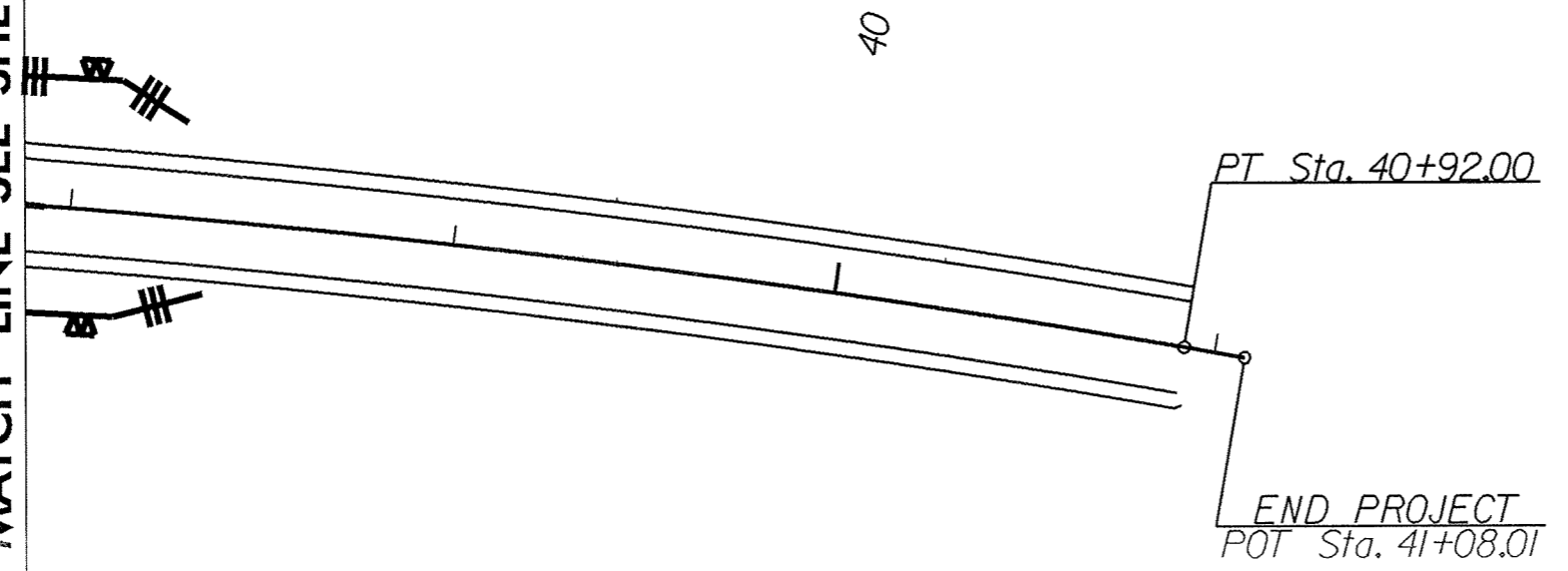
137
 LEVEL IIIA CERTIFICATION NO.

HORIZONTAL SCALE 1" = 50'

PROJECT REFERENCE NO.	SHEET NO.
HWY 16-18 TURN LANE	EC 6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE SEE SHEET 7



REVISIONS

8/17/99
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MATTING IS REQUIRED FOR DITCH LINE

ALL SECTIONS ARE UNDER THE 30 DAY DESIGN AND MUST BE PERMANENTLY STABILIZED WITHIN 30 DAYS OF THE TIME CLEARING AND GRUBBING BEGINS.

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ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

CHRIS ABSHER
LEVEL IIIA NAME

137
LEVEL IIIA CERTIFICATION NO.

HORIZONTAL SCALE 1" = 50'