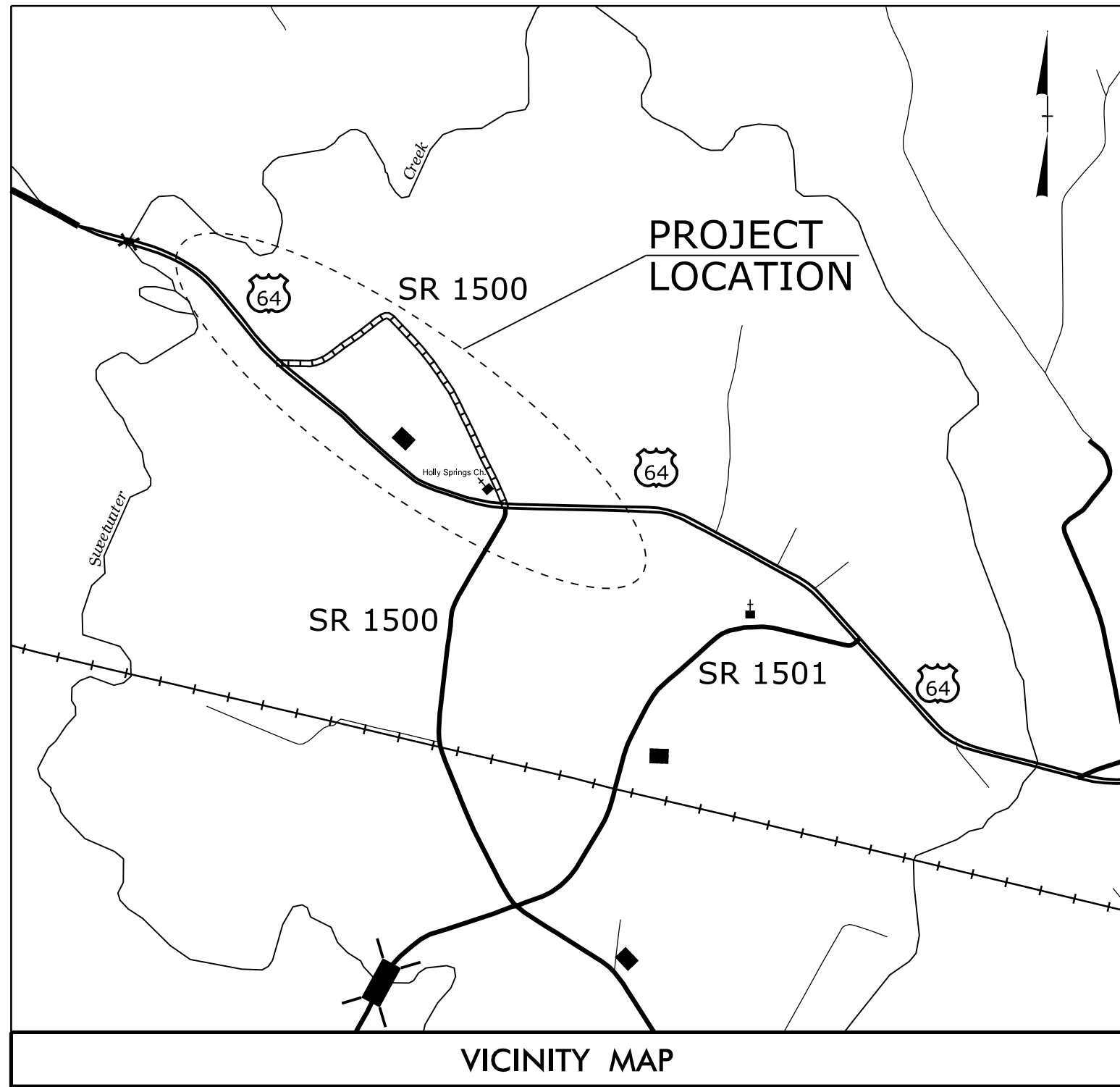


09.05/24

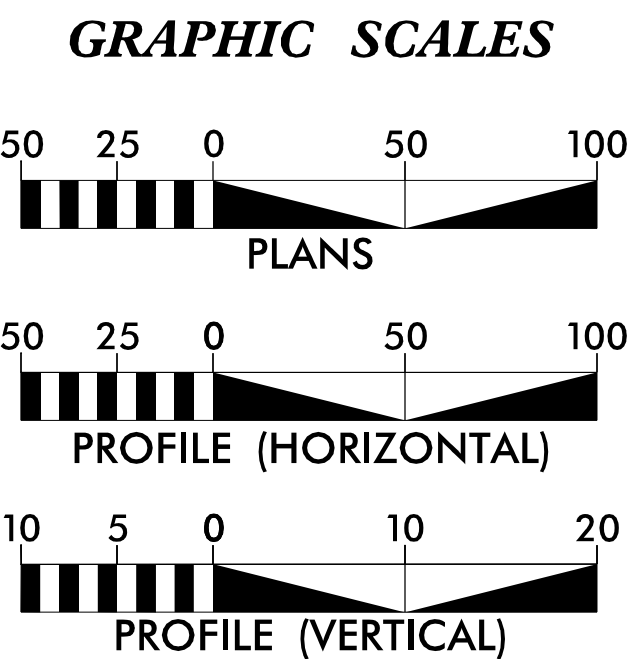
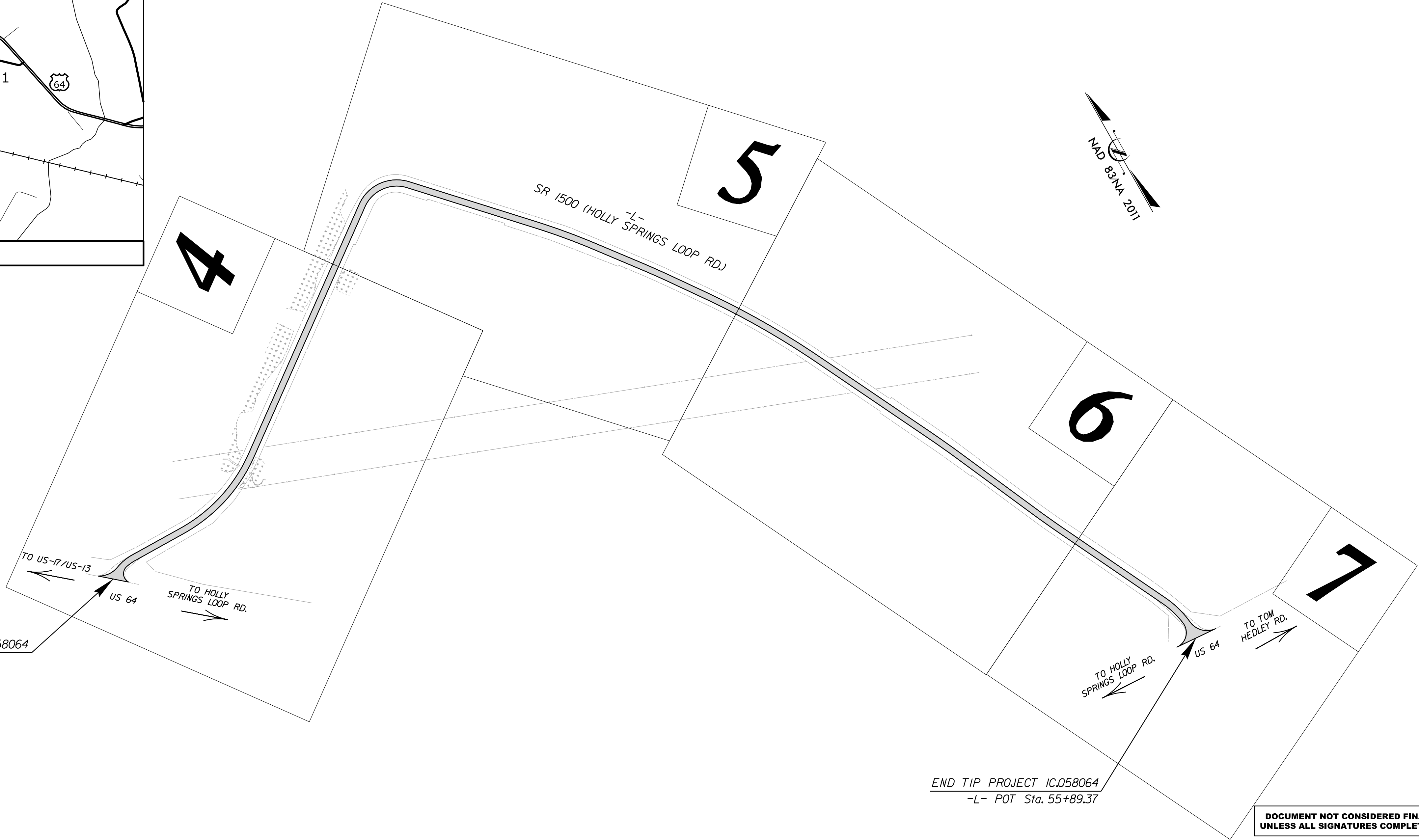
1/29/2024
\\Holly_Springs_Loop_Rdy_tsh.dgn
USER:mrburns

TIP PROJECT: 1C.058064

CONTRACT:



See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols



DESIGN DATA
2024 ADT = <100 VPD
2044 ADT = <100 VPD
K = N/A
D = N/A
T = N/A
V = 30 MPH
FUNC. CLASS. =
RURAL LOCAL
SUB-REGIONAL TIER

PROJECT LENGTH
LENGTH ROADWAY TIP PROJECT 1C.058064 = 0.861 mi.
LENGTH STRUCTURES TIP PROJECT 1C.058064 = 0.000 mi.
TOTAL LENGTH TIP PROJECT 1C.058064 = 0.861 mi.

Prepared in the Offices of:

STEWART
223 S. WEST ST., STE. 1100
RALEIGH, NC 27603
T 919.380.8730
P/E License #1: C-1051
www.stewartinc.com

SUNGATE DESIGN GROUP, P.A.
805 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL 919.882.0247
ENG. FIRM LICENSE NO. C-4890

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

LETTING DATE:

ANDY YOUNG, PE
PROJECT ENGINEER

MICHAEL BURNS, PE
PROJECT DESIGN ENGINEER

JOHN ABEL
NCDOT CONTACT

HYDRAULICS ENGINEER

2/14/2024

DocuSigned by:
Joshua G. Dalton
1089AD8C14984C3...

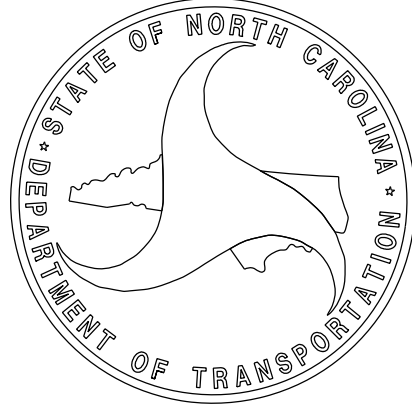
ROADWAY DESIGN ENGINEER

2/14/2024

DocuSigned by:
Andrew P. Young
EF31083D303F4EF...

SEAL 026971
JOSHUA G. DALTON
ENGINEER

SEAL 034407
ANDREW P. YOUNG
ENGINEER



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	1C.058064	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
???	N/A	PE	
???	N/A	CONSTRUCTION	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MARTIN COUNTY

LOCATION: SR 1500 (HOLLY SPRINGS LOOP ROAD) FROM US 64 WBL TO US 64 WBL
TYPE OF WORK: GRADING, DRAINAGE, AND PAVING

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO.		SHEET NO.	
IC.058064		1A	
2/15/2024 ROADWAY DESIGN ENGINEER SEAL 034407 ENGINEER ANDREW R. YOUNG DocuSign Andrew P. Young EF21093D205F4B7  STEWART From License No. C-1053 223 S. West St. Raleigh, NC 27603 T. 919-880-8725 www.stewartinc.com		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
INDEX OF SHEETS		EFF. 01-16-2024 REV.	
SHEET NUMBER	SHEET	2024 ROADWAY ENGLISH STANDARD DRAWINGS	GENERAL NOTES:
1	TITLE SHEET	The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:	2024 SPECIFICATIONS EFFECTIVE: 01-16-2024 REVISED:
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS		GRADE LINE: GRADING AND SURFACING:
1B	CONVENTIONAL SYMBOLS		THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.
2A-1	PAVEMENT SCHEDULE AND TYPICAL SECTIONS		CLEARING:
2C-1	TEMPORARY 1" STEEL COVER DETAIL		CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.
3B-1	ROADWAY SUMMARY		SUPERELEVATION:
3D-1	DRAINAGE SUMMARY		ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.
4 THRU 7	PLAN SHEETS		SHOULDER CONSTRUCTION:
8 THRU 9	PROFILE SHEETS		ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01
TMP-1 THRU TMP-2	TRAFFIC MANAGEMENT PLANS		TEMPORARY SHORING:
EC-1 THRU EC-11	EROSION CONTROL PLANS		SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.
X-1	CROSS-SECTION SUMMARY SHEET		SUBSURFACE PLANS:
X-2 THRU X-23	CROSS-SECTIONS		NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.
		STD.NO. TITLE	
		DIVISION 2 - EARTHWORK	
		200.02 Method of Clearing - Method II	
		225.02 Guide for Grading Subgrade - Secondary and Local	
		225.04 Method of Obtaining Superelevation - Two Lane Pavement	
		DIVISION 3 - PIPE CULVERTS	
		300.01 Method of Pipe Installation	
		310.10 Driveway Pipe Construction	
		DIVISION 5 - SUBGRADE, BASES AND SHOULDERS	
		560.01 Method of Shoulder Construction - High Side of Superelevated Curve - Method I	
		DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
		654.01 Pavement Repairs	
		DIVISION 8 - INCIDENTALS	
		838.01 Concrete Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90 Skew	
		838.11 Brick Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90 Skew	
		838.21 Reinforced Concrete Endwall - for Single 54" Pipe 90 Skew	
		838.45 Notes for Reinforced Concrete Endwall - Std. Dwg 838.21 thru 838.40	
		838.51 Reinforced Brick Endwall - for Single 54" Pipe 90 Skew	
		838.75 Notes for Reinforced Brick Endwall - Std. Dwg 838.51 thru 838.70	
		838.80 Precast Endwalls - 12" thru 72" Pipe 90 Skew	
		876.02 Guide for Rip Rap at Pipe Outlets	

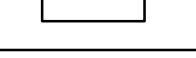
CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

BOUNDARIES AND PROPERTY:

State Line	
County Line	
Township Line	
City Line	
Reservation Line	
Property Line	
Existing Iron Pin (EIP)	
Computed Property Corner	
Existing Concrete Monument (ECM)	
Parcel/Sequence Number	
Existing Fence Line	
Proposed Woven Wire Fence	
Proposed Chain Link Fence	
Proposed Barbed Wire Fence	
Existing Wetland Boundary	
Proposed Wetland Boundary	
Existing Endangered Animal Boundary	
Existing Endangered Plant Boundary	
Existing Historic Property Boundary	
Known Contamination Area: Soil	
Potential Contamination Area: Soil	
Known Contamination Area: Water	
Potential Contamination Area: Water	
Contaminated Site: Known or Potential	

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	
Buffer Zone 1	
Buffer Zone 2	
Flow Arrow	
Disappearing Stream	
Spring	
Wetland	
Proposed Lateral, Tail, Head Ditch	
False Sump	

RAILROADS:

Standard Gauge	
RR Signal Milepost	
Switch	
RR Abandoned	
RR Dismantled	

RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Point	
Primary Horiz and Vert Control Point	
Secondary Horiz and Vert Control Point	
Vertical Benchmark	
Existing Right of Way Monument	
Proposed Right of Way Monument (Rebar and Cap)	
Proposed Right of Way Monument (Concrete)	
Existing Permanent Easement Monument	
Proposed Permanent Easement Monument (Rebar and Cap)	
Existing C/A Monument	
Proposed C/A Monument (Rebar and Cap)	
Proposed C/A Monument (Concrete)	
Existing Right of Way Line	
Proposed Right of Way Line	
Existing Control of Access Line	
Proposed Control of Access Line	
Proposed ROW and CA Line	
Existing Easement Line	
Proposed Temporary Construction Easement	
Proposed Temporary Drainage Easement	
Proposed Permanent Drainage Easement	
Proposed Permanent Drainage/Utility Easement	
Proposed Permanent Utility Easement	
Proposed Temporary Utility Easement	
Proposed Aerial Utility Easement	

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	
Existing Curb	
Proposed Slope Stakes Cut	
Proposed Slope Stakes Fill	
Proposed Curb 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:

* SUE – Subsurface Utility Engineering
LOS – Level of Service – A,B,C or D (Accuracy)

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	
U/G Power Line Test Hole (SUE – LOS A)*	
U/G Power Line (SUE – LOS B)*	
U/G Power Line (SUE – LOS C)*	
U/G Power Line (SUE – LOS D)*	

TELEPHONE:

Existing Telephone Pole	
Proposed Telephone Pole	
Telephone Manhole	
Telephone Pedestal	
Telephone Cell Tower	
U/G Telephone Cable Hand Hole	
U/G Telephone Test Hole (SUE – LOS A)*	
U/G Telephone Cable (SUE – LOS B)*	
U/G Telephone Cable (SUE – LOS C)*	
U/G Telephone Cable (SUE – LOS D)*	
U/G Telephone Conduit (SUE – LOS B)*	
U/G Telephone Conduit (SUE – LOS C)*	
U/G Telephone Conduit (SUE – LOS D)*	
U/G Fiber Optics Cable (SUE – LOS B)*	
U/G Fiber Optics Cable (SUE – LOS C)*	
U/G Fiber Optics Cable (SUE – LOS D)*	

WATER:

Water Manhole	
Water Meter	
Water Valve	
Water Hydrant	
U/G Water Line Test Hole (SUE – LOS A)*	
U/G Water Line (SUE – LOS B)*	
U/G Water Line (SUE – LOS C)*	
U/G Water Line (SUE – LOS D)*	
Above Ground Water Line	

TV:

TV Pedestal	
TV Tower	
U/G TV Cable Hand Hole	
U/G TV Test Hole (SUE – LOS A)*	
U/G TV Cable (SUE – LOS B)*	
U/G TV Cable (SUE – LOS C)*	
U/G TV Cable (SUE – LOS D)*	
U/G Fiber Optic Cable (SUE – LOS B)*	
U/G Fiber Optic Cable (SUE – LOS C)*	
U/G Fiber Optic Cable (SUE – LOS D)*	

GAS:

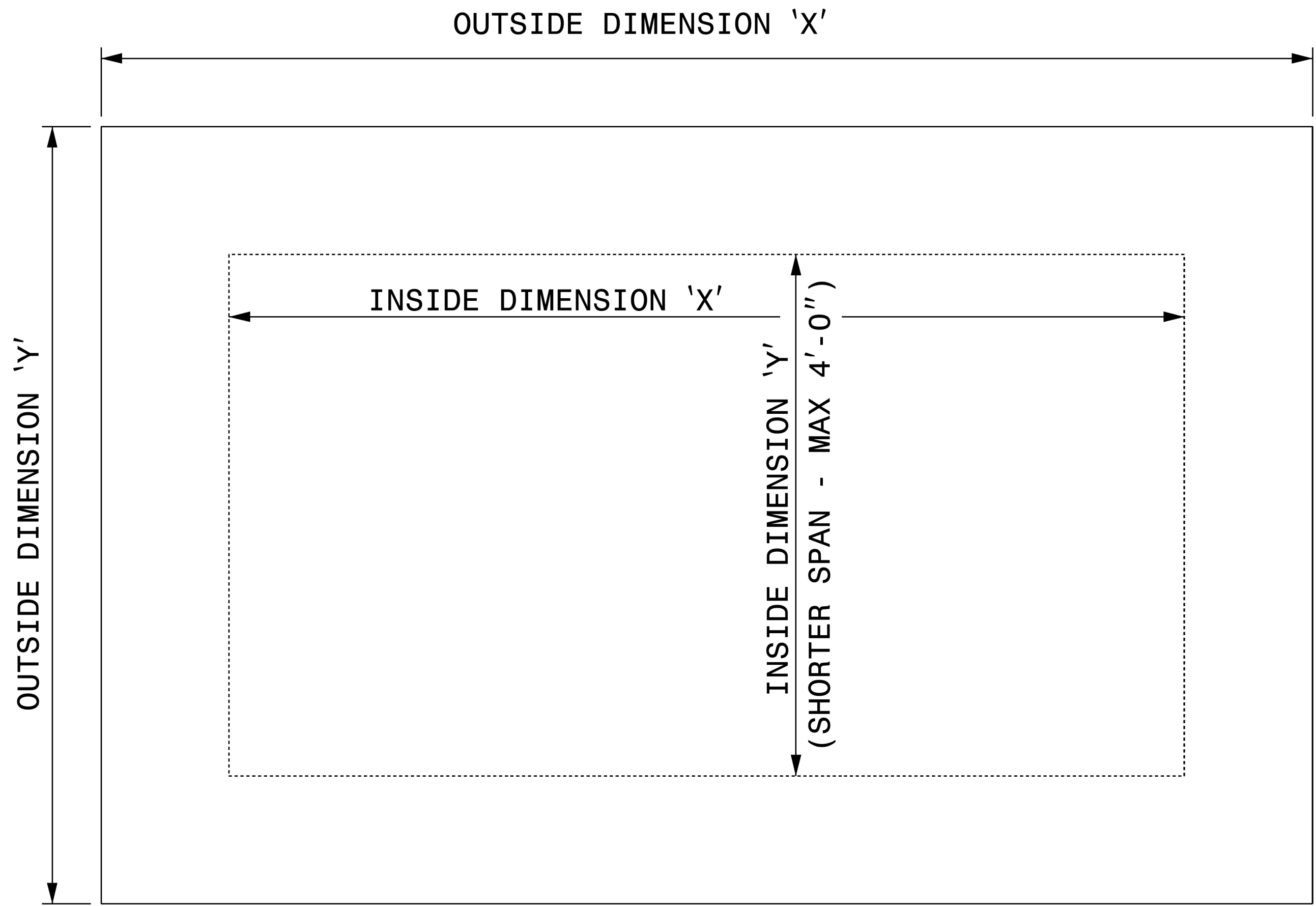
Gas Valve	
Gas Meter	
U/G Gas Line Test Hole (SUE – LOS A)*	
U/G Gas Line (SUE – LOS B)*	
U/G Gas Line (SUE – LOS C)*	
U/G Gas Line (SUE – LOS D)*	
Above Ground Gas Line	

SANITARY SEWER:

Sanitary Sewer Manhole	
Sanitary Sewer Cleanout	
U/G Sanitary Sewer Line	
Above Ground Sanitary Sewer	
SS Force Main Line Test Hole (SUE – LOS A)*	
SS Force Main Line (SUE – LOS B)*	
SS Force Main Line (SUE – LOS C)*	
SS Force Main Line (SUE – LOS D)*	

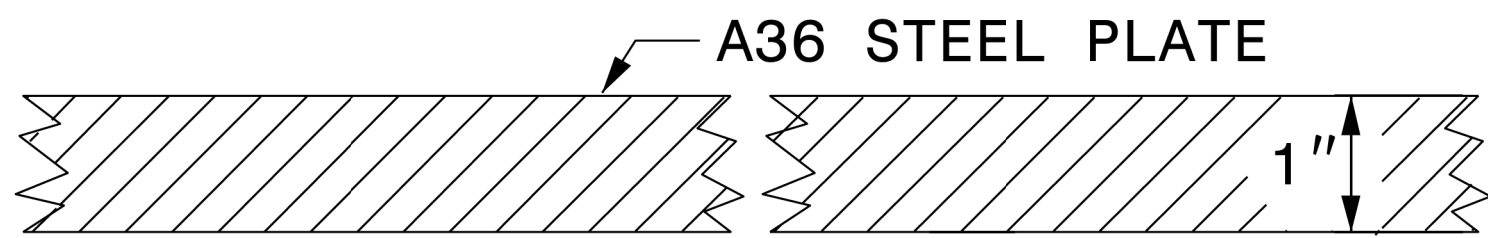
MISCELLANEOUS:

Utility Pole	
Utility Pole with Base	
Utility Located Object	
Utility Traffic Signal Box	
Utility Unknown U/G Line (SUE – LOS B)*	
U/G Tank; Water, Gas, Oil	
Underground Storage Tank, Approx. Loc.	
A/G Tank; Water, Gas, Oil	
Geoenvironmental Boring	
Abandoned According to Utility Records	
End of Information	



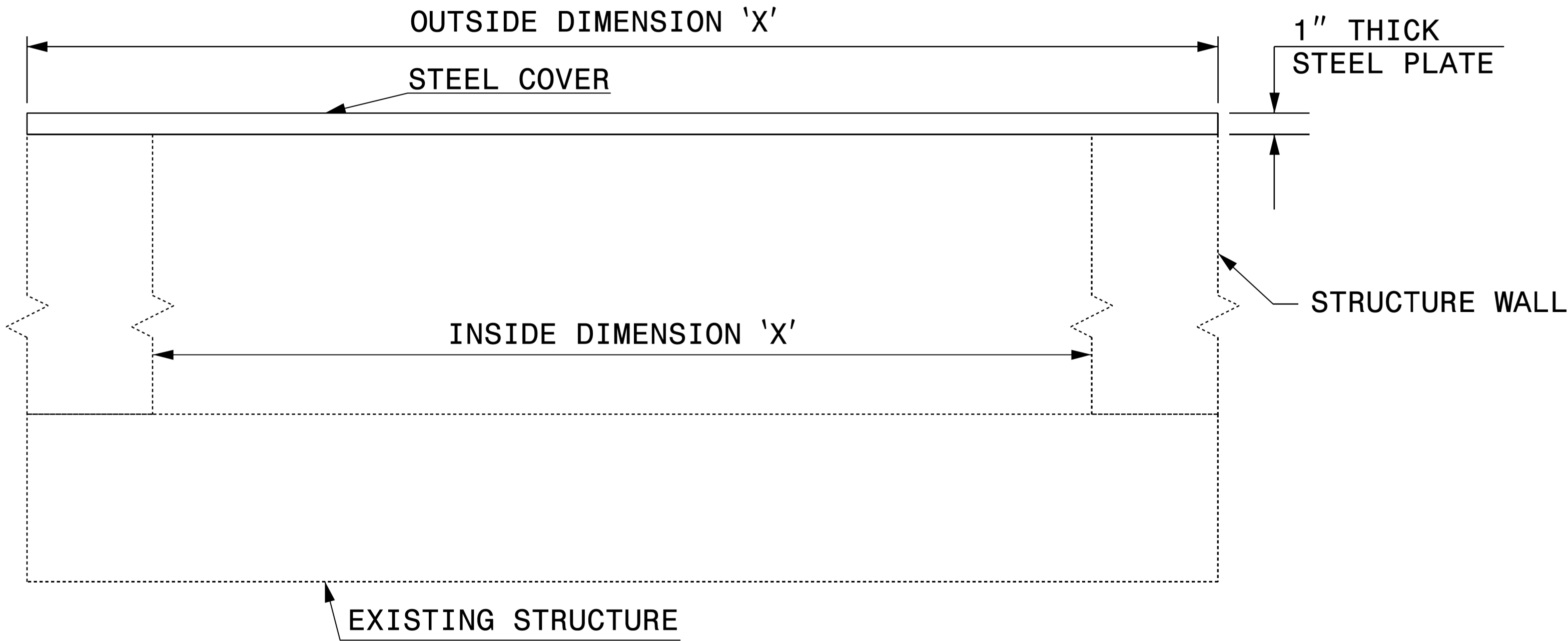
GENERAL NOTES:

- USE GRADE A36 STEEL
- STEEL COVERS ARE FOR TEMPORARY USE DURING PHASE CONSTRUCTION.
- FILL SHALL BE PLACED DIRECTLY OVER THE STEEL PLATES.
- SEE ROADWAY PLANS AND PROVISIONS FOR LOCATIONS
- QUANTITIES TO BE PAID FOR AT THE UNIT PRICE BID PER EACH.



SECTION VIEW OF STEEL TOP PLATE

PLAN VIEWS



ELEVATION VIEWS

2/14/2024



Drawn by:
Nicole M. Hecker
5884323D34164C5...

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS
AND DEVELOPMENT UNIT**
Office 919-707-6950 FAX 919-250-4119

**DETAIL OF TEMPORARY
1" STEEL COVER**

ORIGINAL BY: E.E. WARD DATE: 2-2-98
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: eric:/usr/details/metric/stand/stlcvr2.dgn

SUMMARY OF EARTHWORK

IN CUBIC YARDS

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste
-L- Sta. 10+42.45	-L- Sta. 55+89.37	1,101	4,708	3,607	0
SUBTOTAL:		1,101	4,708	3,607	0
TOTAL:		1,101	4,708	3,607	0
PROJECT TOTAL:		1,101	4,708	3,607	0
EST. 5% REPLACE TOPSOIL ON BORROW PIT				180	
GRAND TOTAL:		1,101	4,708	3,787	0
SAY:		1,160		3,980	

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, will be paid for at the contract lump sum price for grading.

Note: Earthwork quantities are calculated by the Roadway Design Engineer. These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineer.

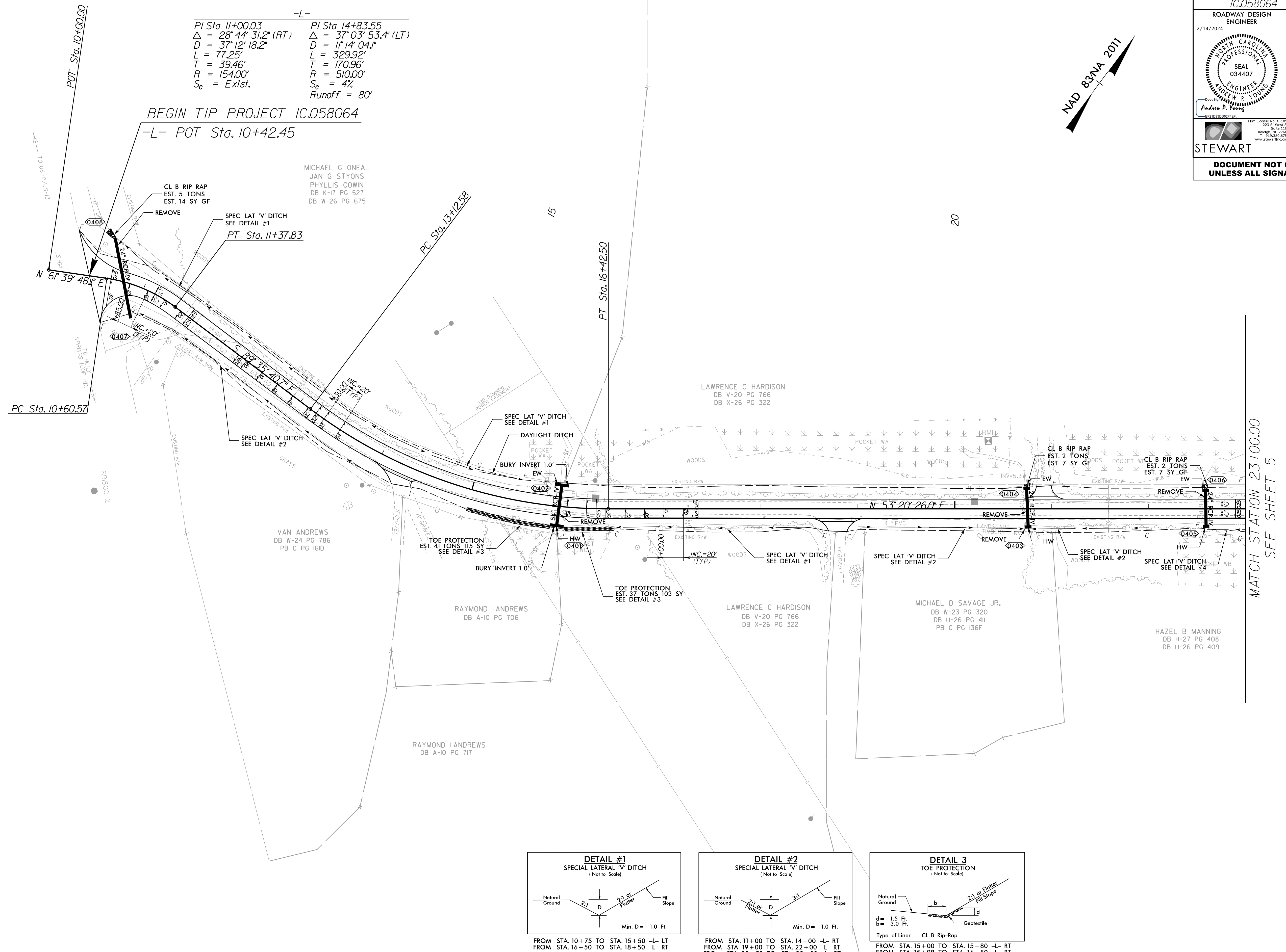
REVISIONS

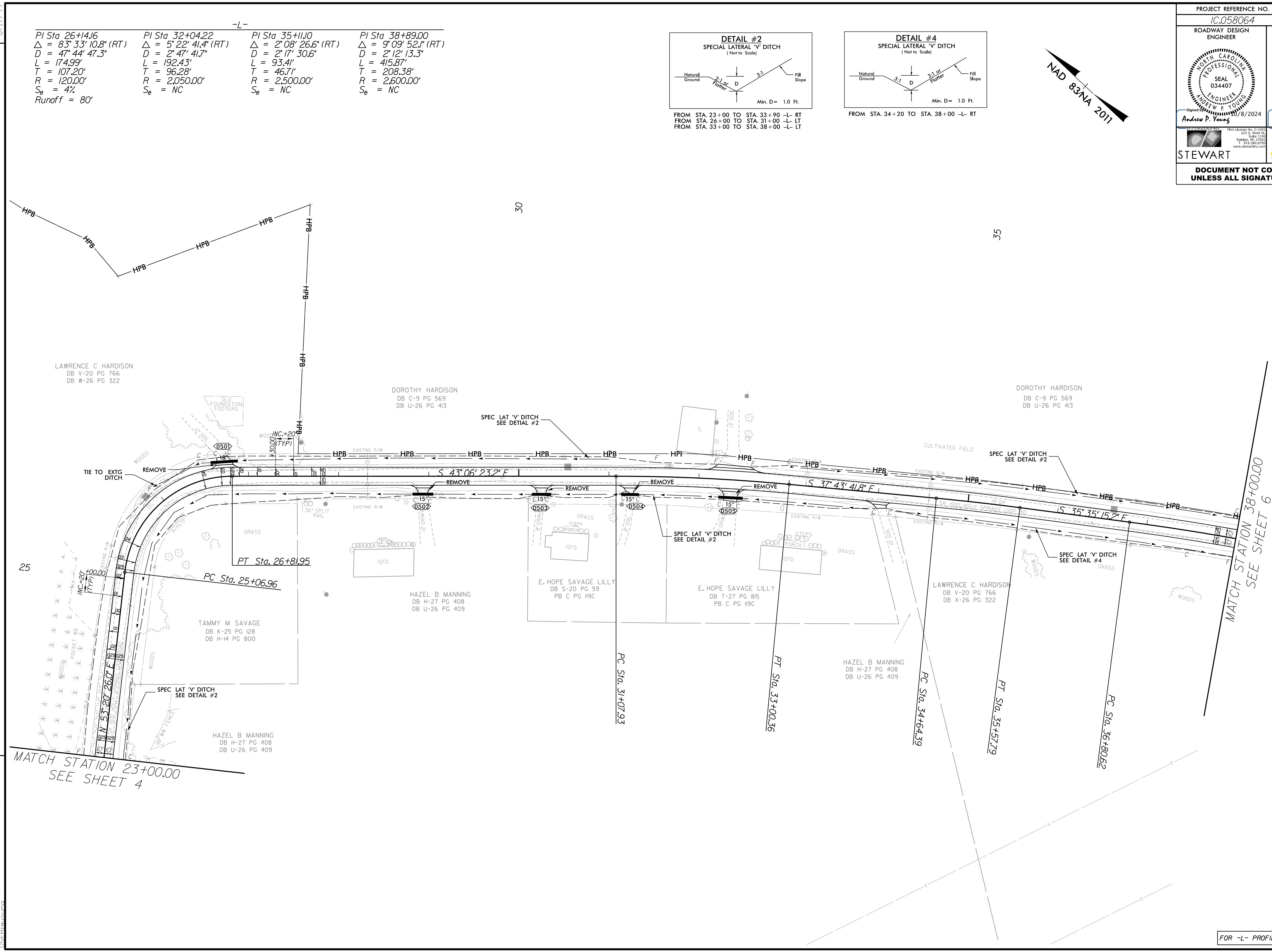
STATION	LOCATION (L/RT OR CL)	STRUCTURE NO.		TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL
		FROM	TO				
		THICKNESS OR GAUGE					
-L- 15 + 91	RT	0401		5.3			
		0401	0402		5.3	4.8	
-L- 15 + 92	LT	0402		4.8			
TOTAL							

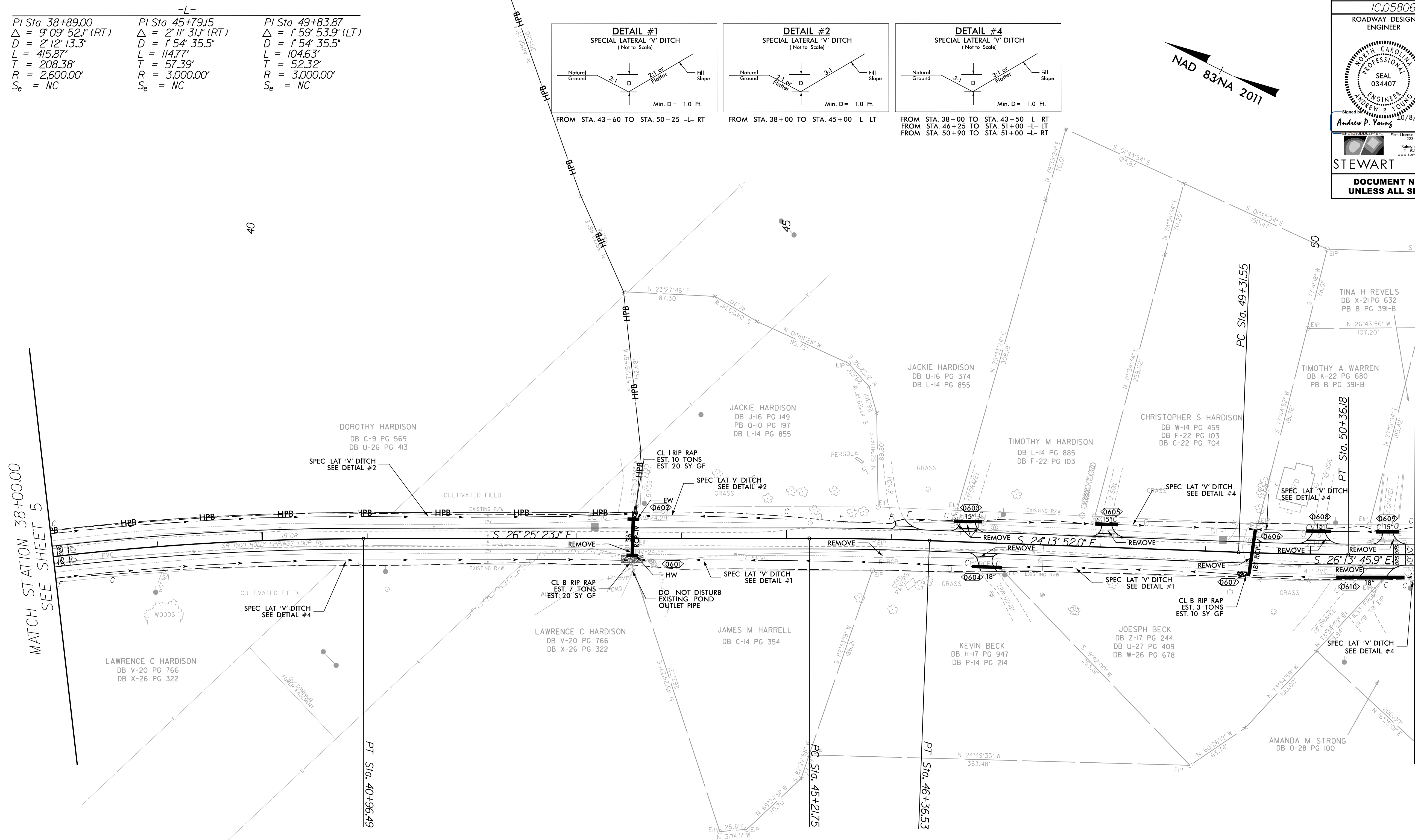
***SUB-REGIONAL & REGIONAL
LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 54" & OVER)***

NOTE: Invert Elevations are for Bid Purposes only and shall not be used for project construction stakeout. See "Standard Specifications For Roads and Structures, Section 300-5".

PIPE REMOVE UNFT.	<u>ABBREVIATIONS</u>	
	C.B.	CATCH BASIN
	N.D.I.	NARROW DROP INLET
	D.I.	DROP INLET
	G.D.I.	GRATED DROP INLET
	G.D.I. (N.S.)	GRATED DROP INLET (NARROW SLOT)
	J.B.	JUNCTION BOX
	M.H.	MANHOLE
	T.B.D.I.	TRAFFIC BEARING DROP INLET
	T.B.J.B.	TRAFFIC BEARING JUNCTION BOX
	REMARKS	
	REMOVE EXTG. 48" CMP	







REVISIONS

1/25/2024
Holly-Spr
LISER:mbirds

DETAIL #4
SPECIAL LATERAL 'V' DITCH
 (Not to Scale)

Natural Ground

2:1

D

3:1 or Flatter

Fill Slope

Min. D = 1.0 Ft.

NAD 83/NA 2011


 Film License No. C-1051
 223 S. West St.
 Suite 1100
 Raleigh, NC 27603
 T 919.380.8755
 www.stewartinc.com

STEWART


SUNGATE DESIGN GROUP, P.A.
 905 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27606
 TEL (919) 899-2243
 FAX (919) 899-2243

MATCH STATION 51+00.00
SEE SHEET 6

TINA H REVELS
DB X-2 PG 632
PB B PG 391-B

TINA H REVELS
DB S-24 PG 637
PB B PG 391-B

KAYTHYN W HARDISON
DB X-2 PG 635
DB G-28 PG 692
PB B PG 391-B

SPEC LAT 'V' DITCH
SEE DETAIL #4

HOLLY SPRINGS UNITED METHODIST CHURCH
DB B-21 PG 914

SPEC LAT 'V' DITCH
SEE DETAIL #4

AMANDA M STRONG
DB O-28 PG 100

HOLLY SPRINGS UNITED METHODIST CHURCH
DB TT PG 139
DB U-26 PG 407

PC Sta. 54+31.85

PT Sta. 55+89.67

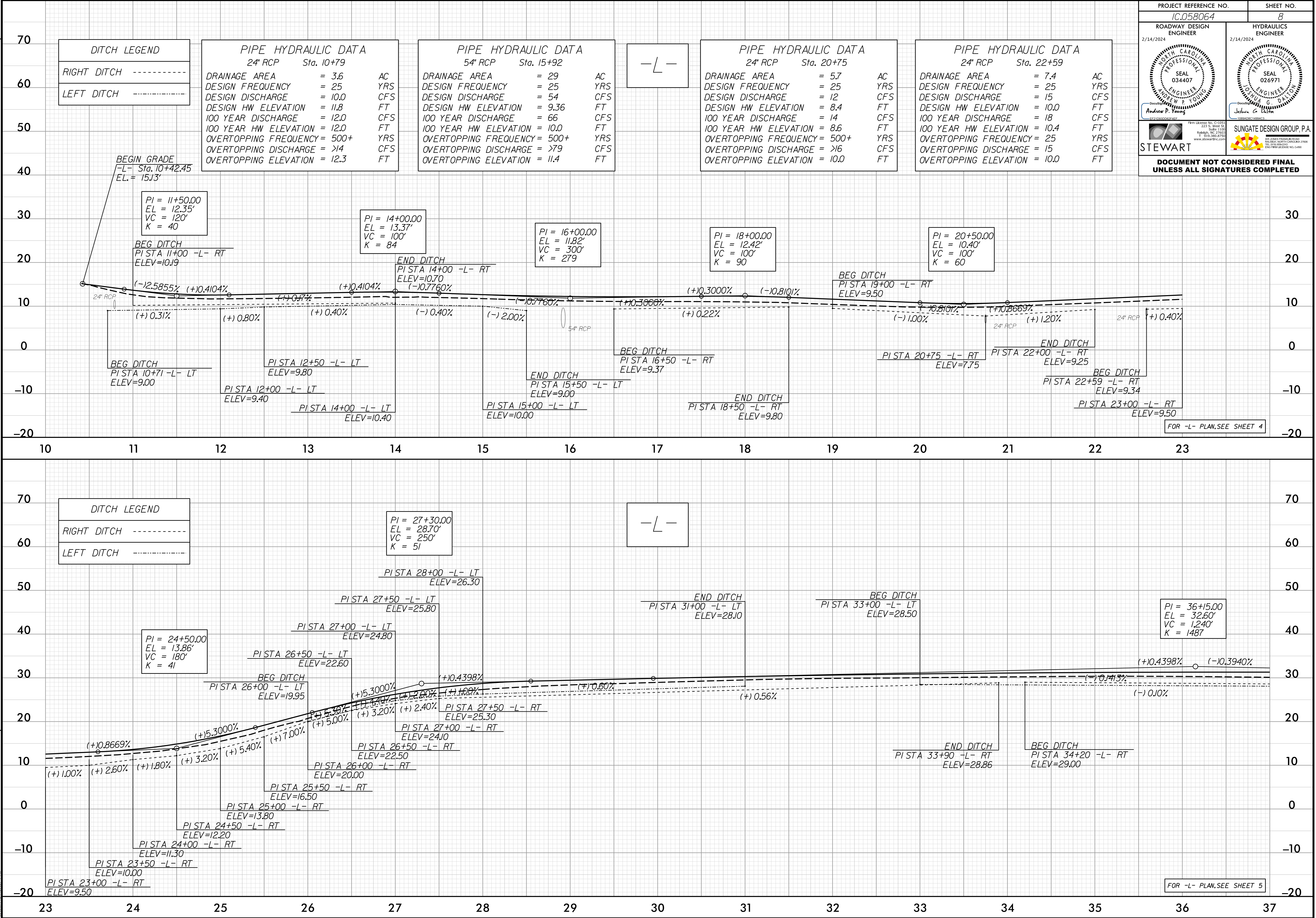
END TIP PROJECT IC.058064
-L-POC Sta. 55+89.37

FOR -L- PROFILE, SEE SHEET 9

5/14/99

REVISIONS

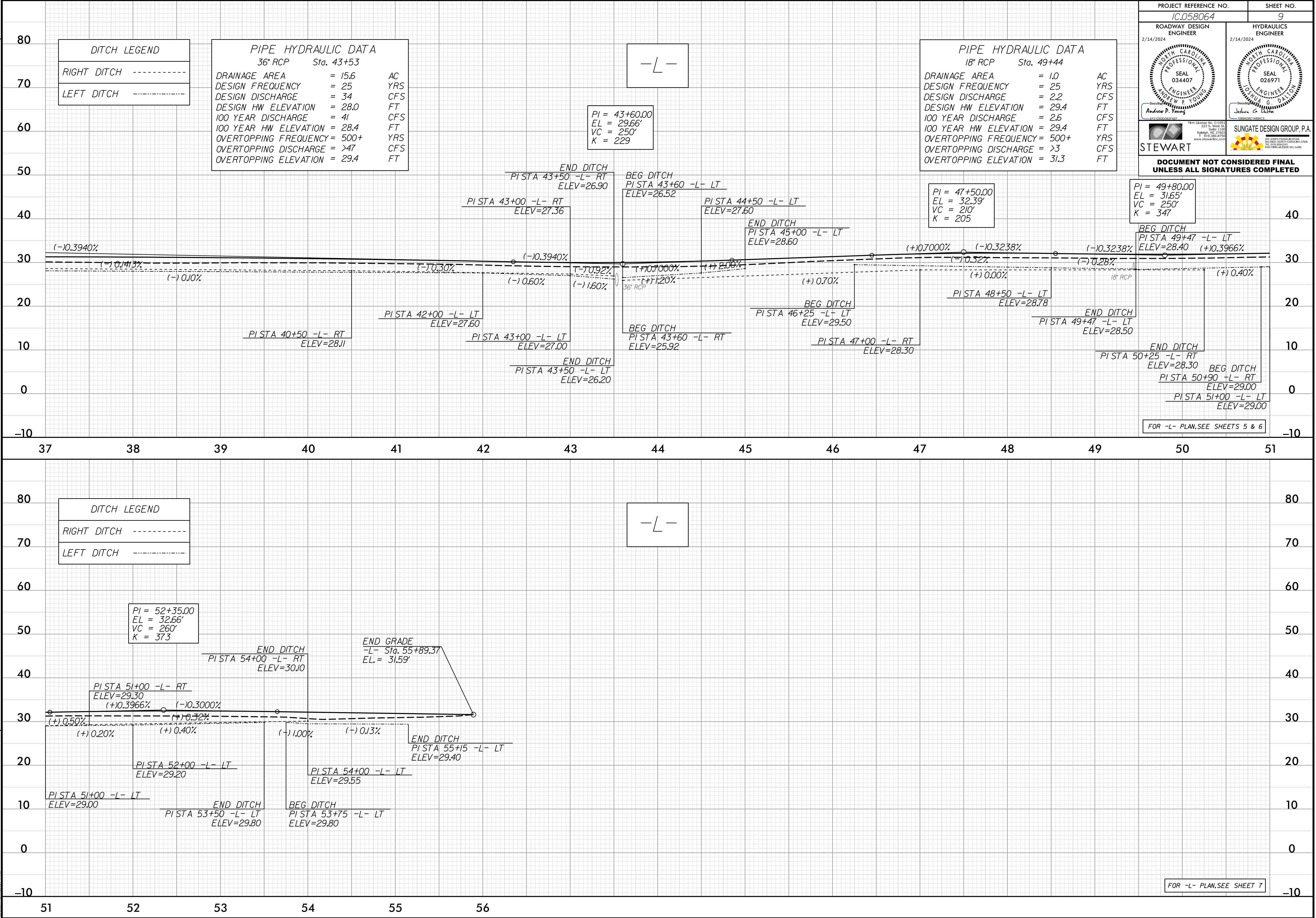
I:\25\2024_Springs-Loop-Rdy.pfl.08.dgn
11/26/2024



5/14/99

REVISIONS

1/25/2024 Springs Loop Rd.dgn
JST/BRB



PROJECT REFERENCE NO. 1C.058064		SHEET NO. 9	
ROADWAY DESIGN ENGINEER 2/14/2024		HYDRAULICS ENGINEER 2/14/2024	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

PI = 43+60.00
EL = 29.66'
VC = 250'
K = 229

PI = 47+50.00
EL = 32.39'
VC = 210'
K = 205

PI = 49+80.00
EL = 31.65'
VC = 250'
K = 347

PI = 52+35.00
EL = 32.66'
VC = 260'
K = 373

END DITCH
PI STA 43+50 -L- RT
ELEV=26.90

BEG DITCH
PI STA 43+60 -L- LT
ELEV=26.52

PI STA 44+50 -L- LT
ELEV=27.60

END DITCH
PI STA 45+00 -L- LT
ELEV=28.60

BEG DITCH
PI STA 46+25 -L- LT
ELEV=29.50

PI STA 47+00 -L- RT
ELEV=28.30

END DITCH
PI STA 48+50 -L- LT
ELEV=28.78

END DITCH
PI STA 49+47 -L- LT
ELEV=28.50

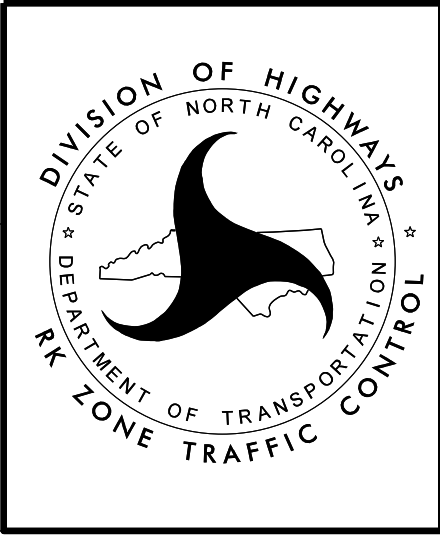
END DITCH
PI STA 50+25 -L- RT
ELEV=28.30

BEG DITCH
PI STA 50+90 -L- RT
ELEV=29.00

PI STA 51+00 -L- LT
ELEV=29.00

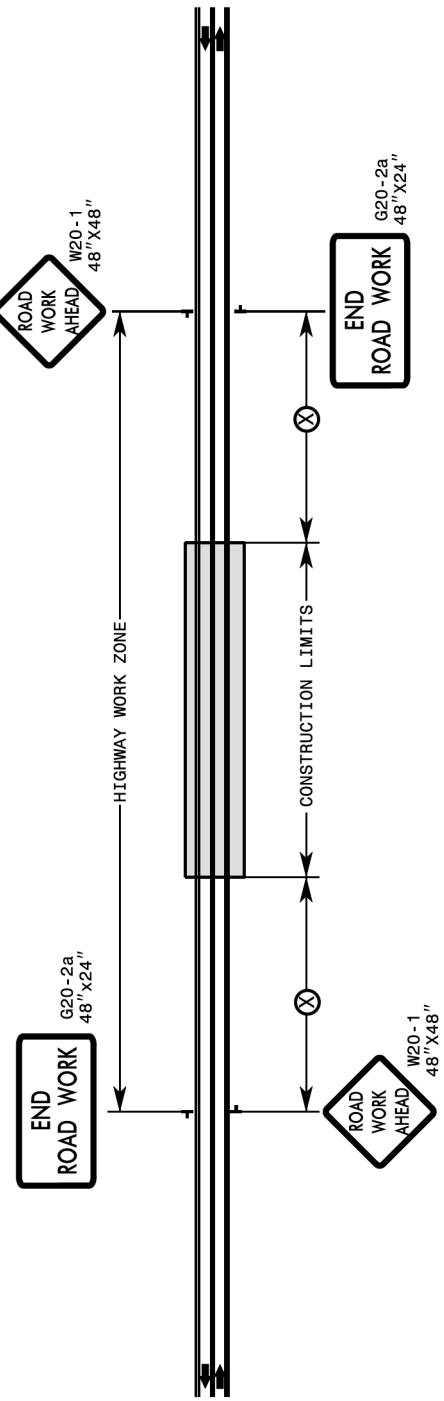
FOR -L- PLAN, SEE SHEETS 5 & 6

FOR -L- PLAN, SEE SHEET 7



DETAILS

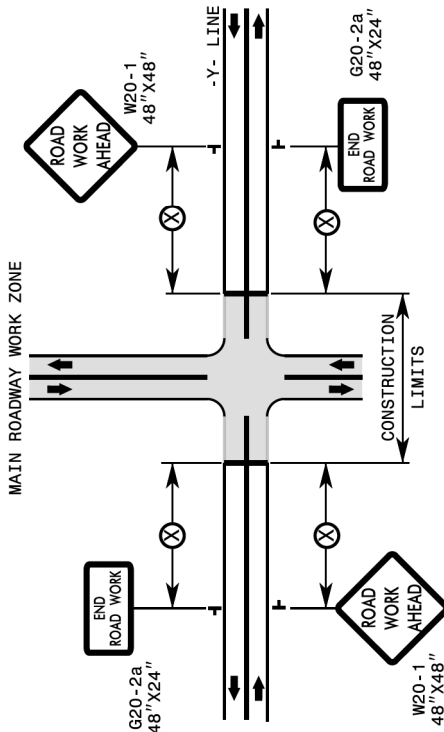
TWO-WAY UNDIVIDED (L-LINES)



POSTED SPEED LIMIT (MPH)	RECOMMENDED MINIMUM SIGN SPACING
≤ 50	500'
55	1000'

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAYS INTERSECTING ALONG TWO-WAY UNDIVIDED WORK ZONE (Y-LINES)



NO STATIONARY-Y- LINE ADVANCE WARNING STORAGE IS REQUIRED UNLESS THERE IS MORE THAN 1000' OF CONSTRUCTION ALONG THE -Y- LINE.

GENERAL NOTES

- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK UNLESS COVERED.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT LONGER THAN 72 CONSECUTIVE HOURS.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- ERECT SIGNS PER RSD 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATIONS FOR WORK ZONE SIGNS.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH RSD. 1110.01.
- DO NOT BACK BRACE SIGN SUPPORTS.

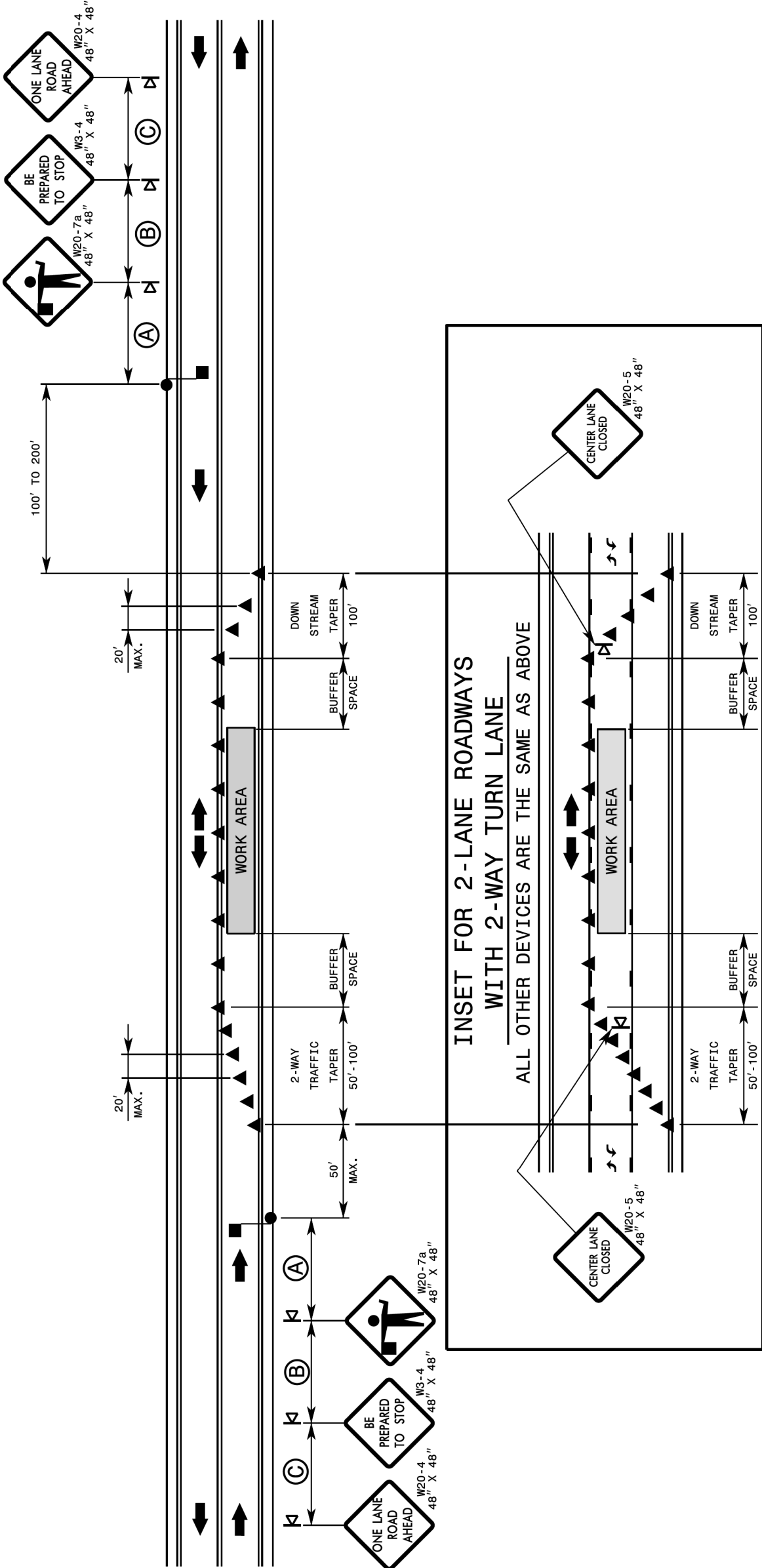
ROADWAY STANDARD DRAWING FOR
WORK ZONE ADVANCE WARNING SIGNS FOR TWO-WAY UNDIVIDED FACILITIES

1-24

LEGEND
↑ STATIONARY SIGN
→ DIRECTION OF TRAFFIC FLOW

SHEET 3 OF 3
1101.01

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.



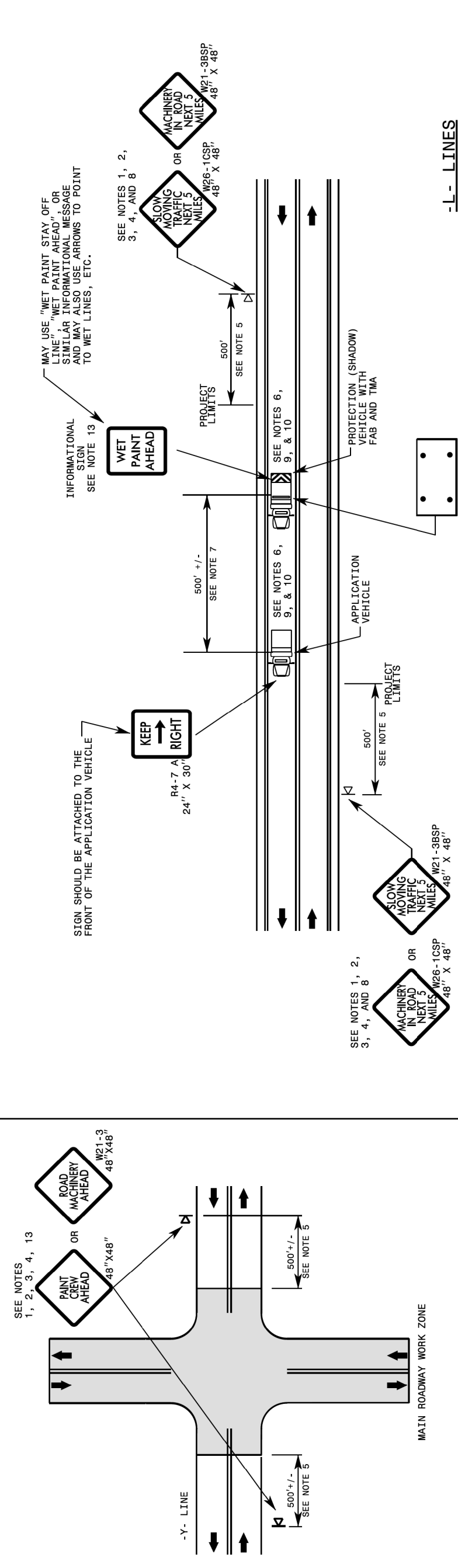
INSET FOR 2-LANE ROADWAYS WITH 2-WAY TURN LANE

ROADWAY STANDARD DRAWING FOR
TEMPORARY LANE CLOSURES

LEGEND
↑ FLAGGER
→ CONE
K PORTABLE SIGN
→ DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 19
1101.02

- GENERAL NOTES FOR FLAGGING OPERATIONS**
- REFER TO RSD. 1101.11, SHEETS 1 & 4, FOR "L" DISTANCE AND SIGN SPACING.
 - INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
 - RESPONSE TO TRAFFIC: ADVISE TRAFFIC OF THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
 - FOR POSTED SPEED LIMITS BELOW 45 MPH, CHANNELIZING DEVICE SPACING SHALL BE 20 FEET IN THE TAPER AND THE SAFETY AND 40 FEET IN THE TANGENTS. FOR POSTED SPEED LIMITS GREATER THAN 45 MPH, CHANNELIZING DEVICES SHALL BE 40 FEET IN THE TAPER AND THE TANGENTS AND 20 FEET IN THE TANGENTS.
 - END LANE CLOSURES SHALL BE SPACED SUCH THAT STOPPING SIGHT DISTANCE IS PROVIDED TO THE FLAGGER (REFER TO RSD. 1101.01, SHEET 2).
 - DO NOT STOP ALL DIRECTIONS OF TRAFFIC FOR MORE THAN 5 MINUTES AT A TIME.
 - DRUMS OR SKINNY DRUMS MAY BE USED IN LIEU OF CONES. REFER TO RSD. 1180.01 FOR SKINNY DRUM REQUIREMENTS.
 - SIGNALS ARE LOCATED AT INTERSECTIONS AFFECTED BY THE LANE CLOSURE. SIGNALS ARE LOCATED AT INTERSECTIONS WITH FLAGGER AHEAD SIGNS (G20-7A) INTERSECTIONS PLACE SIGNALS IN THE FLASH MODE AND USE LAW ENFORCEMENT.
 - REFER TO THE CURRENT MUTCD FOR FLAGGER CONTROL, REQUIREMENTS, AND PROCEDURES.
 - DO NOT EXCEED A 1 MILE LANE CLOSURE LENGTH UNLESS OTHERWISE SHOWN IN THE TMP OR AS DIRECTED BY THE ENGINEER.
- GENERAL NOTES FOR PILOT CAR OPERATIONS**
- USE PILOT CARS WHEN DIRECTED BY THE ENGINEER.
 - IF ROADWAY WIDTH IS LESS THAN 20 FEET (EOP TO EOP), CONES MAY NOT BE REQUIRED ALONG THE WORK AREA IF USING A PILOT CAR.
 - CONES ARE ALWAYS REQUIRED IN THE UPSTREAM AND DOWNSTREAM TAPERS.
 - MOUNT SIGN G20-4 "PILOT CAR FOLLOW ME" AT A CONSPICUOUS POSITION ON THE REAR OF THE PILOT VEHICLE.
 - UNLESS APPROVED BY THE ENGINEER, DO NOT INSTALL MORE THAN ONE (1) LANE CLOSURE MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
 - ADVISE RESIDENTS AND BUSINESSSES WITHIN THE LANE CLOSURE LIMITS ABOUT METHODS OF SAFE EGRESS AND CROSSING FROM DRIVEWAYS DURING FLAGGING AND PILOT CAR OPERATIONS.



GENERAL NOTES

- THE FOLLOWING OPTIONS MAY BE USED FOR ADVANCE WARNING SIGNS:
A. TRUCK MOUNTED SIGNS
B. TRUCK MOUNTED CHANGEABLE MESSAGE SIGN (CMS)
C. PORTABLE MOUNTED ADVANCE WARNING SIGNS (MUST CIRCLE TO PICK UP SIGNS)
D. PORTABLE CHANGEABLE MESSAGE SIGN (CMS) (MUST CIRCLE TO PICK UP SIGNS)
 - IF SPACE LIMITATIONS ON SHOULDER PROHIBIT A 48" X 48" SIGN, A SMALLER SIGN CAN BE USED WITH APPROVAL FROM ENGINEER.
 - SIGNS ON VEHICLES SHOULD BE MOUNTED A MINIMUM OF ONE (1) FOOT FROM THE GROUND AND SHOULD NOT BLOCK THE MOTORIST'S SIGHT OF THE FLASHING ARROW BOARD AND/OR WARNING LIGHT(S).
 - GROUND MOUNTED ADVANCED WARNING SIGNS SHOULD BE MOUNTED A MINIMUM OF ONE (1) FOOT FROM THE GROUND TO BOTTOM OF SIGN.
 - SIGN SPACING SHOULD BE ADJUSTED FOR HORIZONTAL AND VERTICAL CURVES, ETC. TO IMPROVE SIGHT DISTANCES.
 - ADDITIONAL VEHICLES SHOULD BE USED IN WORK CARAVAN TO FACILITATE DRYING OF PAVEMENT MARKING MATERIAL (TMAS ARE OPTIONAL ON THESE ADDITIONAL VEHICLES) . HOWEVER, THE FIRST VEHICLE MOTORISTS SEE IN THE TRAVEL LANE SHALL HAVE A TMA.
 - ADJUST DISTANCE AS NEEDED TO PREVENT MOTORISTS FROM ENTERING SPACE BETWEEN THE APPLICATION AND PROTECTION VEHICLE. DISTANCE CAN BE LENGTHENED TO ACCOMMODATE SIGHT DISTANCE NEEDS.
 - WORK ZONE SHOULD NOT EXCEED FIVE (5) MILES IN LENGTH. ROUND UP MILEAGE TO NEXT WHOLE MILE.
 - RADIO COMMUNICATION BETWEEN VEHICLES IS REQUIRED.
- GENERAL NOTES**
- IF WORK IS PERFORMED AT NIGHT, THE WORK AREA MUST BE ILLUMINATED WITH MACHINE AND/OR TOWER LIGHTS AS APPROVED BY THE ENGINEER.
 - ALL TRAFFIC CONTROL DEVICES WILL BE CONSIDERED INCIDENTAL TO THE PAY ITEMS FOR PAVEMENT MARKING AND MARKERS.
 - INFORMATIONAL SIGNS SHOULD BE ACTIVITY SPECIFIC, I.E. "PAINT CHEN IN ROAD". SIGNS MAY BE RECTANGULAR OR DIAMOND SHAPE. SIGN SIZE SHOULD BE BASED ON THE MOTORIST ABILITY TO RECOGNIZE SIGN WHEN TRAVELING FIVE (5) MILES ABOVE POSTED SPEED LIMIT.
 - IF A LEAD VEHICLE IS ADDED TO OPERATION, IT SHOULD HAVE THE SAME ADVANCE WARNING SIGNS AS THE APPLICATION VEHICLE SHOWN BELOW.

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
TEMPORARY LANE CLOSURES

LEGEND
K PORTABLE SIGN
→ DIRECTION OF TRAFFIC FLOW
→ APPLICATION VEHICLE WITH WARNING LIGHT(S)
→ PROTECTION VEHICLE WITH TRUCK MOUNTED ATTENUATOR (TMA) AND WARNING LIGHT(S)
→ FLASHING ARROW BOARD (36" X 48" MIN.), CAUTION MODE"

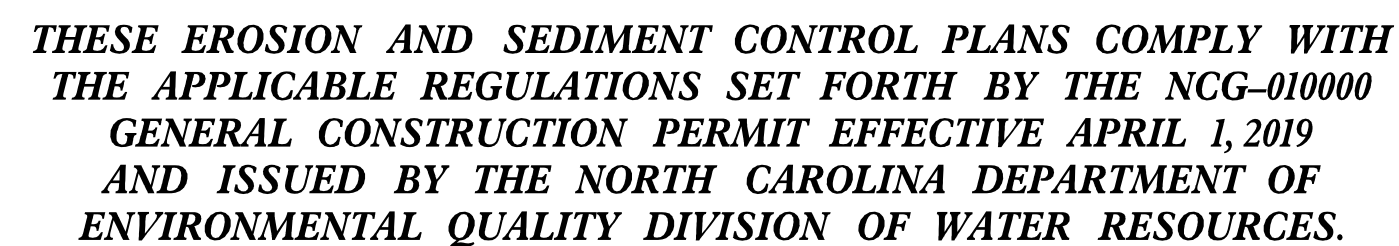
SHEET 14 OF 19
1101.02

7/2/99



MARTIN COUNTY

NAD 83 NA 2011



#3195
LEVEL III CERTIFICATION NO.

The "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2024 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
1C.058064	EC-02
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

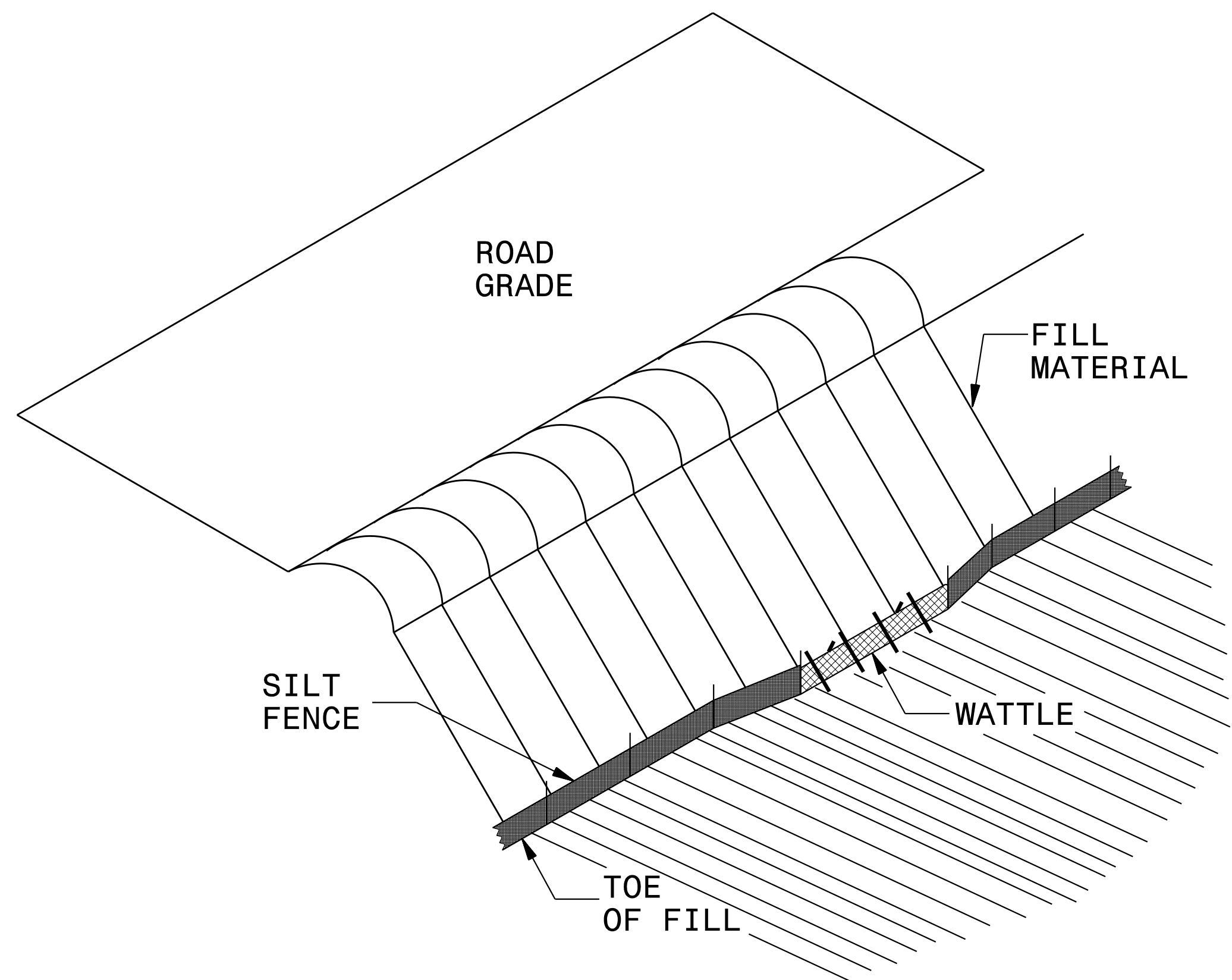
EROSION & SEDIMENT CONTROL LEGEND

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	
1630.04	Stilling Basin	
1630.05	Temporary Diversion	
1630.06	Special Stilling Basin	
1630.07	Skimmer Basin	
1630.08	Tiered Skimmer Basin	
1630.09	Earthen Dam with Skimmer	
	Infiltration Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	
1632.02	Type B	
1632.03	Type C	

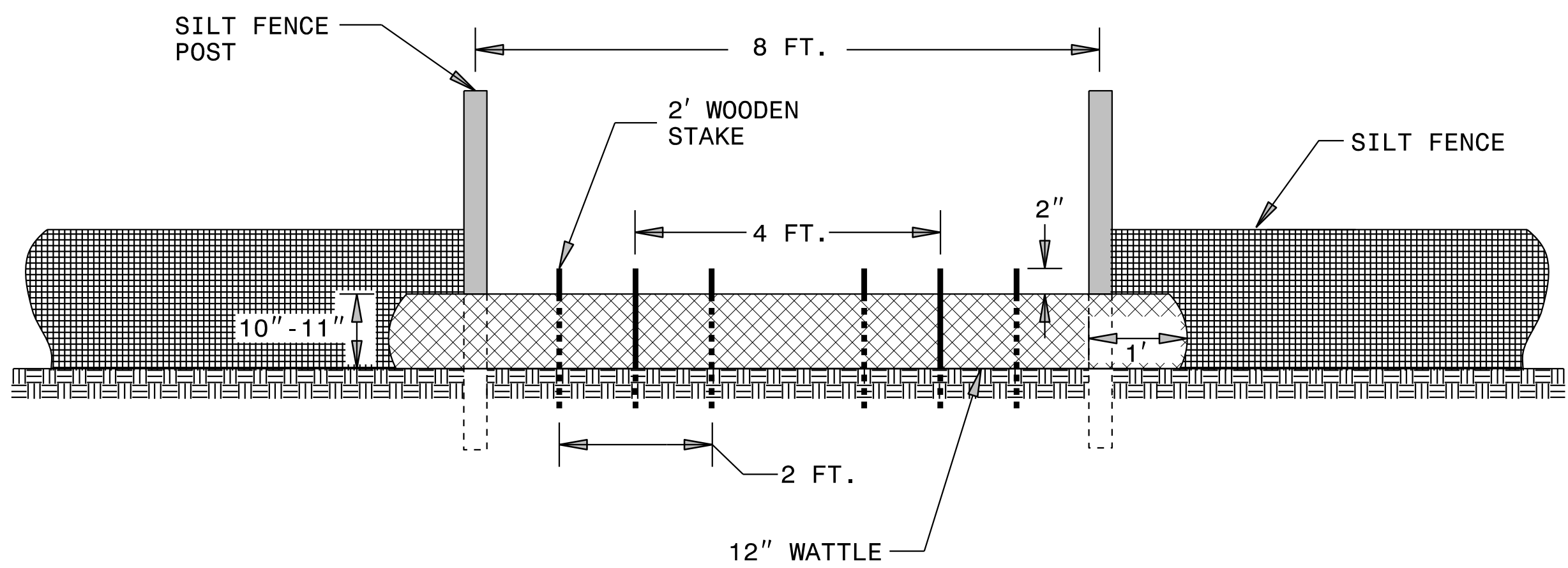
Std. #	Description	Symbol
1633.01	Temporary Rock Silt Check Type A	
1633.02	Temporary Rock Silt Check Type B	
1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1634.01	Temporary Rock Sediment Dam Type A	
1634.02	Temporary Rock Sediment Dam Type B	
1635.01	Rock Pipe Inlet Sediment Trap Type A	
1635.02	Rock Pipe Inlet Sediment Trap Type B	
1636.01	Excelsior Wattle Check	
1636.01	Excelsior Wattle Check with Flocculant	
1636.01	Coir Fiber Wattle Check	
1636.01	Coir Fiber Wattle Check with Flocculant	
1636.02	Silt Fence Excelsior Wattle Break	
	Silt Fence Coir Fiber Wattle Break	
1636.03	Excelsior Wattle Barrier	
1636.03	Coir Fiber Wattle Barrier	

SILT FENCE COIR FIBER WATTLE BREAK DETAIL

PROJECT REFERENCE NO.		SHEET NO.
IC.058064		EC-2A
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	



ISOMETRIC VIEW



VIEW FROM SLOPE

NOTES:

USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE AND LENGTH OF 10 FT.

EXCAVATE A 1 TO 2 INCH TRENCH FOR WATTLE TO BE PLACED.

DO NOT PLACE WATTLE ON TOE OF SLOPE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO GROUND.

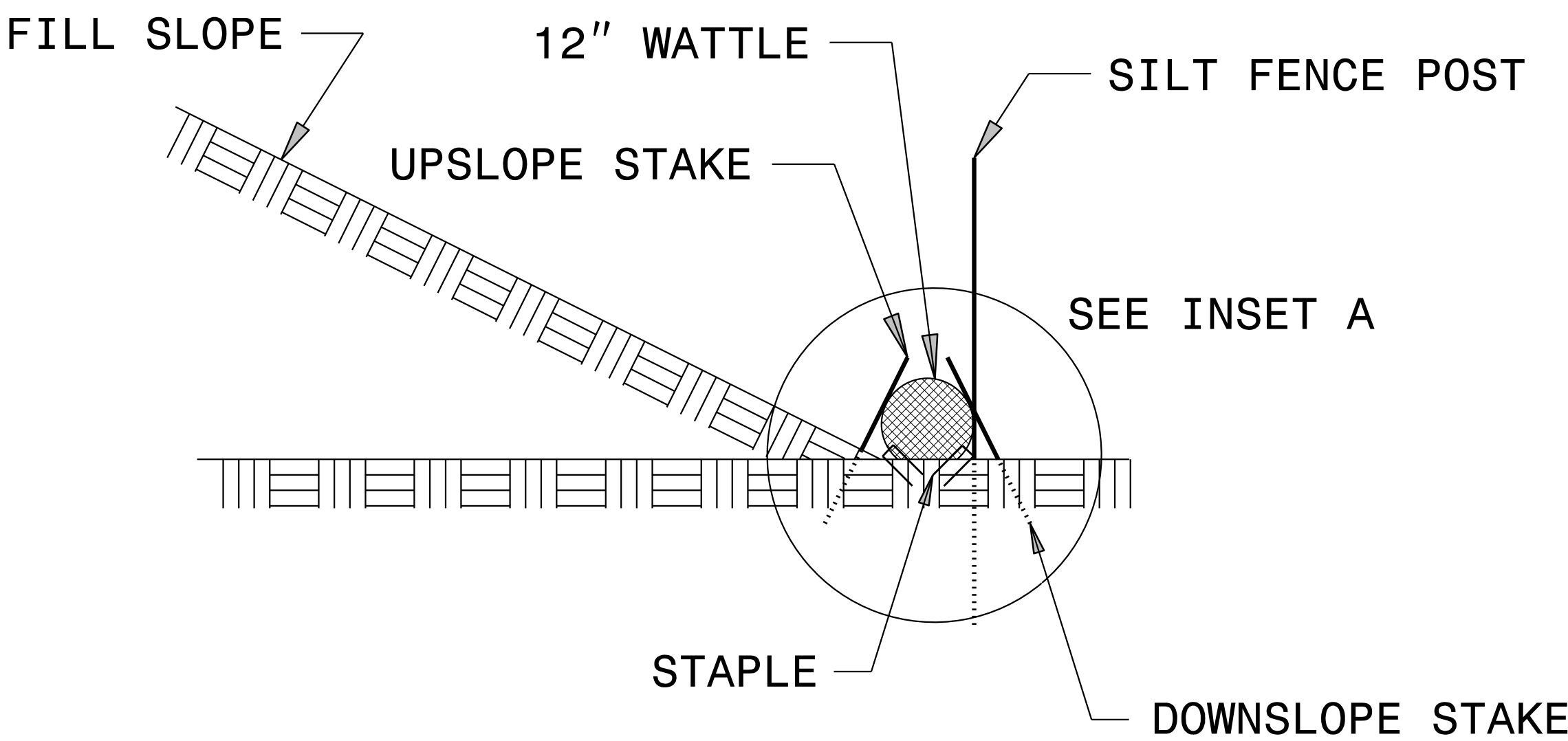
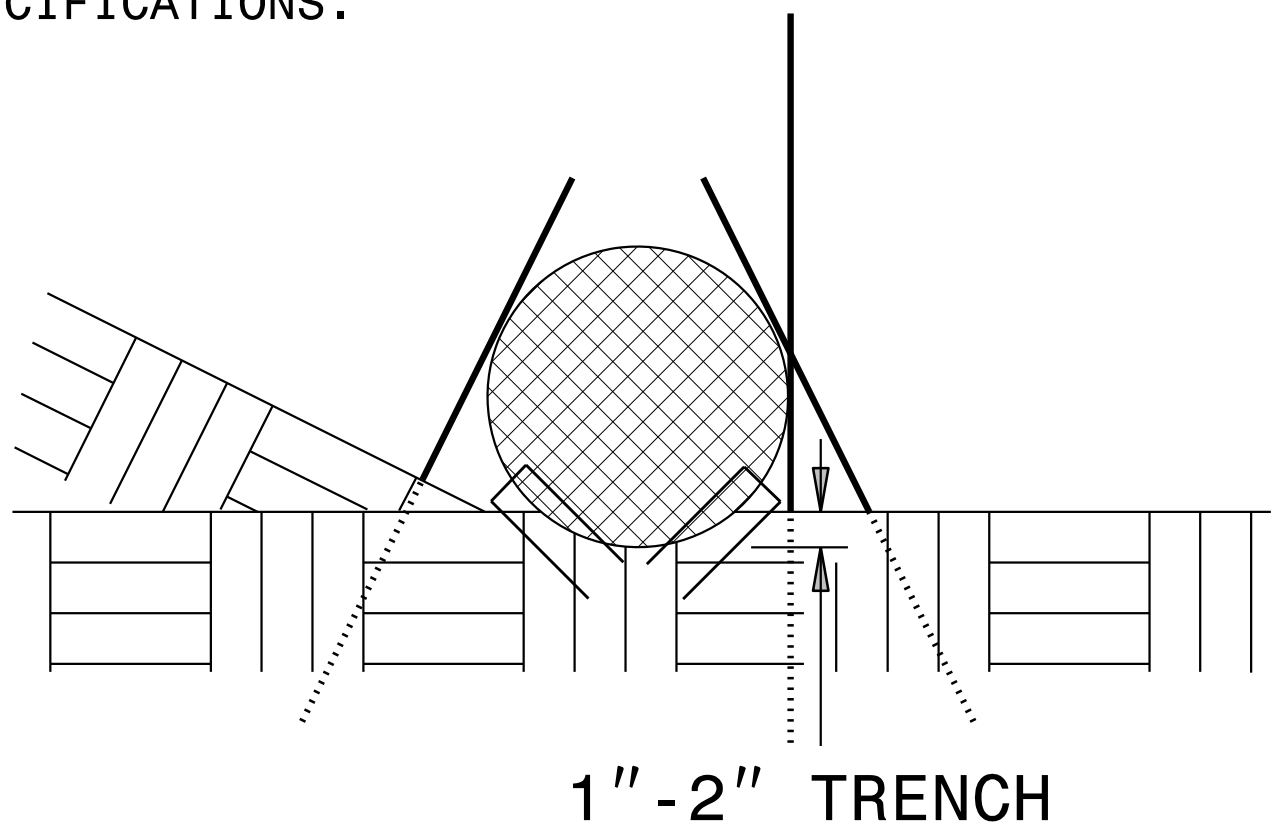
PROVIDE STAPLES MADE OF 11 GUAGE STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 6" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

WATTLE INSTALLATION CAN BE ON OUTSIDE OF THE SILT FENCE AS DIRECTED.

INSTALL TEMPORARY SILT FENCE IN ACCORDANCE WITH SECTION 1605 OF THE STANDARD SPECIFICATIONS.

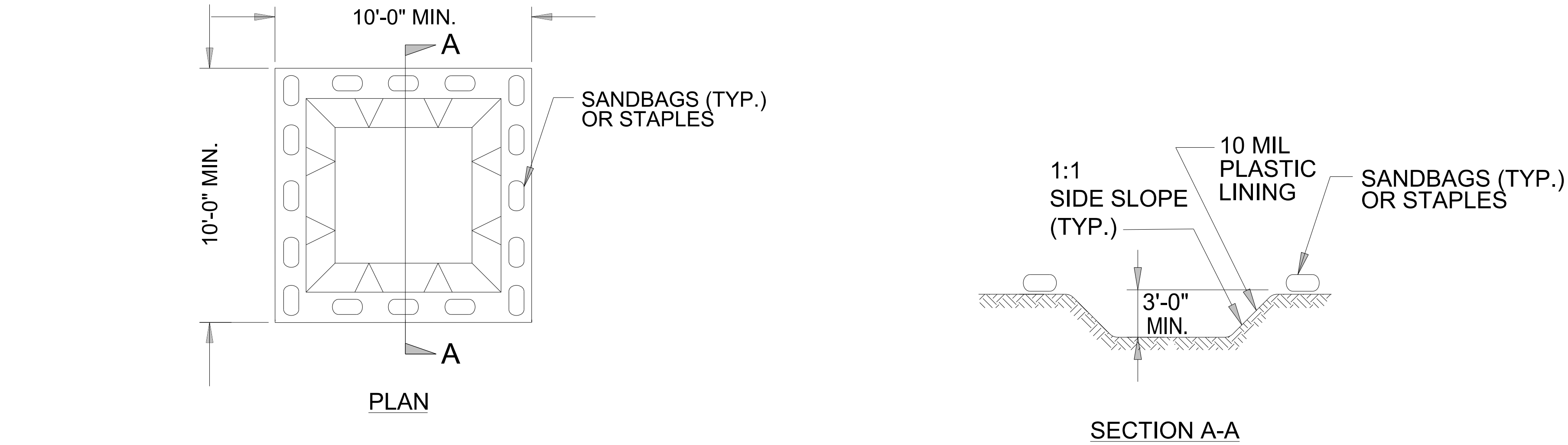
INSET A



SIDE VIEW

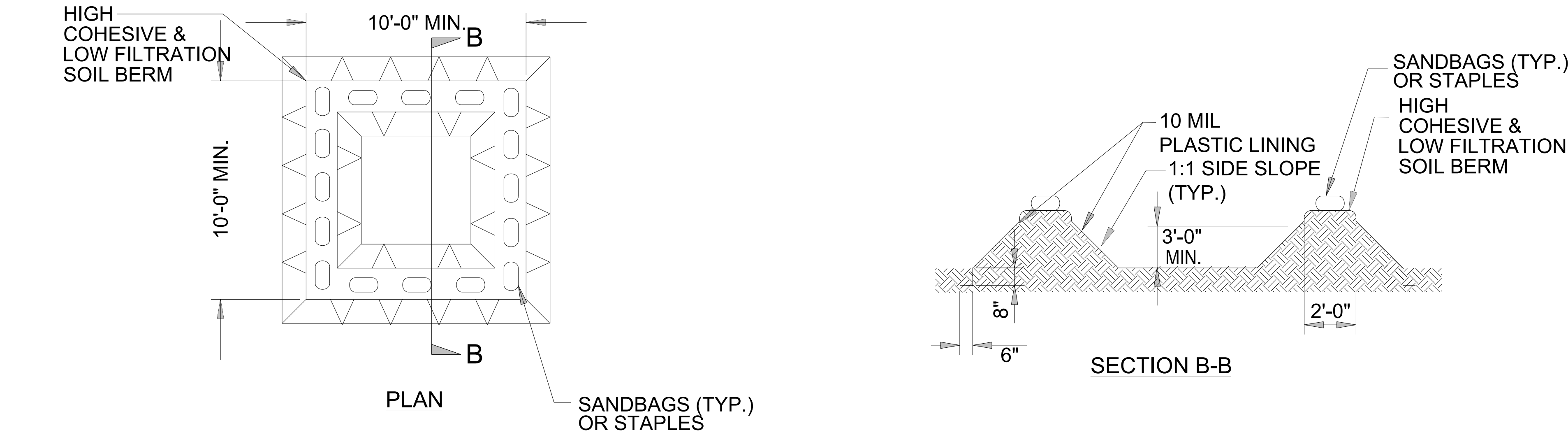
ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

PROJECT REFERENCE NO.	SHEET NO.
IC.058064	EC-2B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

BELOW GRADE WASHOUT STRUCTURE
NOT TO SCALE



- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

ABOVE GRADE WASHOUT STRUCTURE
NOT TO SCALE

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
1C.058064	EC-3
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION SUMMARY SHEET

MATTING FOR EROSION CONTROL

[illegible]

MATTING FOR EROSION CONTROL (EXCELSIOR)

[illegible]

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
1C.058064	EC-3A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION TIMEFRAMES

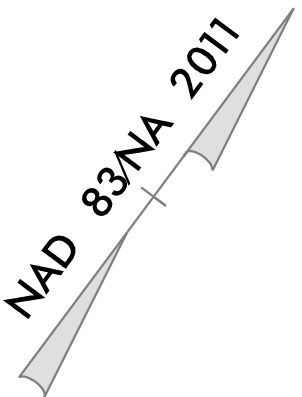
SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH WITH SLOPES STEEPER THAN 4:1. 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES

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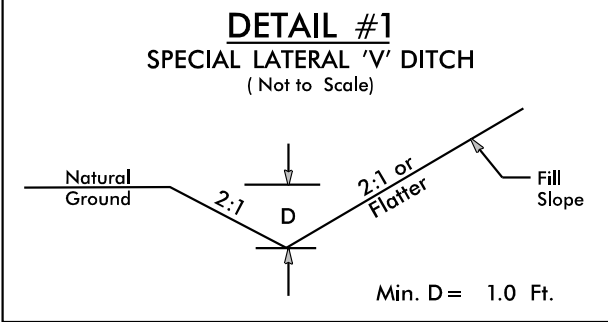
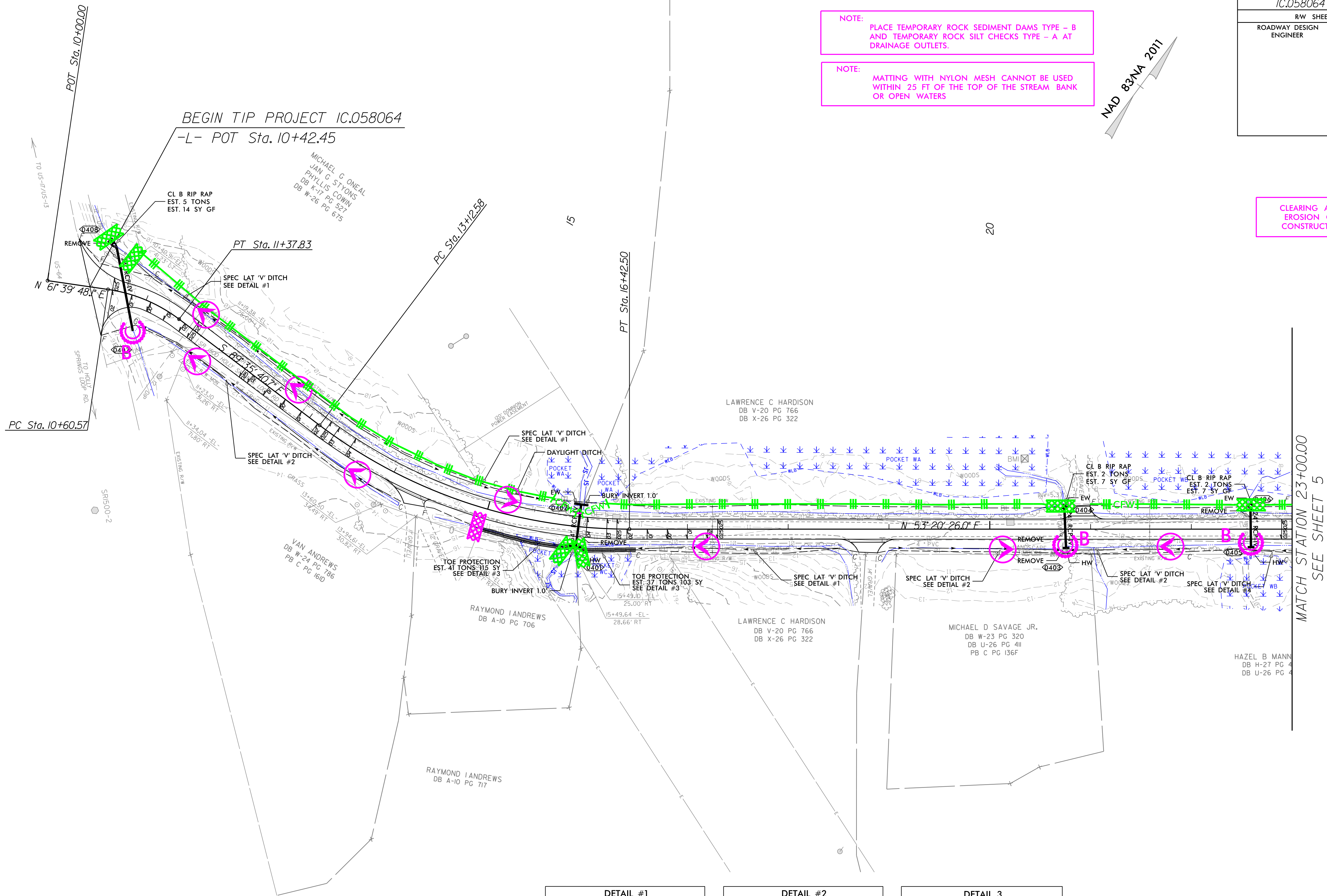
PROJECT REFERENCE NO.	SHEET NO.
IC.058064	EC-04/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

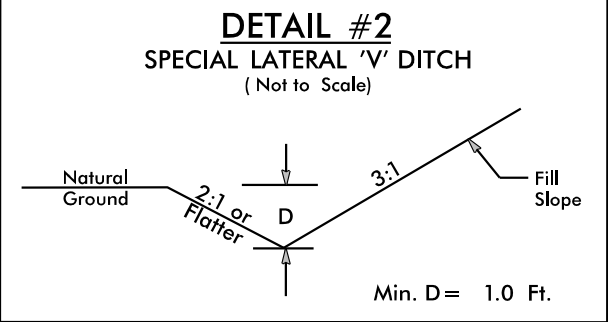
NOTE:
MATTING WITH NYLON MESH CANNOT BE USED
WITHIN 25 FT OF THE TOP OF THE STREAM BANK
OR OPEN WATERS



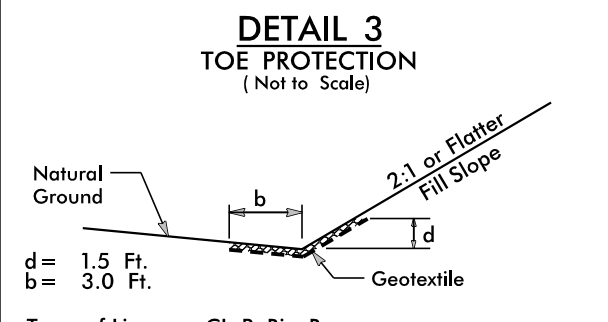
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 04



FROM STA. 10+75 TO STA. 15+50 -L- LT
FROM STA. 16+50 TO STA. 18+50 -L- RT



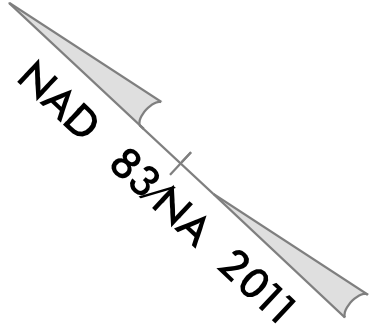
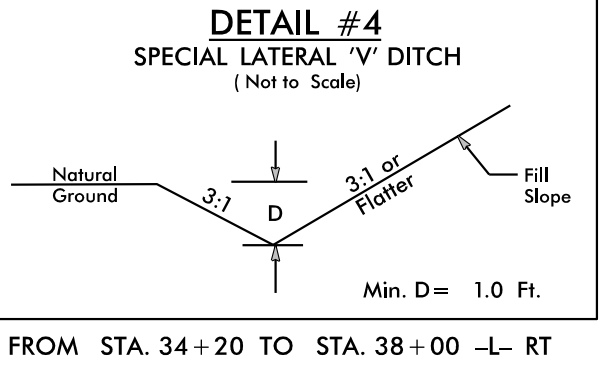
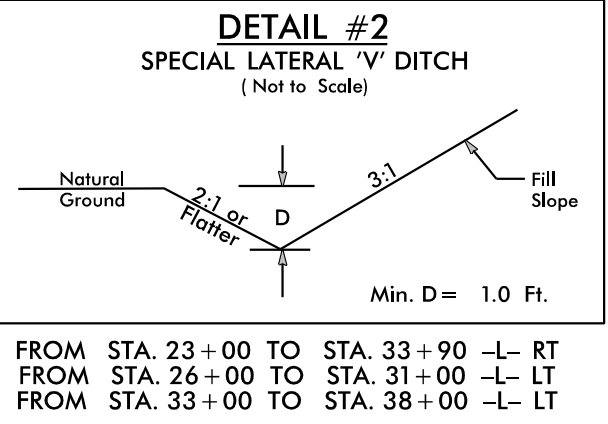
FROM STA. 11+00 TO STA. 14+00 -L- RT
FROM STA. 19+00 TO STA. 22+00 -L- RT
FROM STA. 22+59 TO STA. 23+00 -L- RT



FROM STA. 15+00 TO STA. 15+80 -L- RT
FROM STA. 15+98 TO STA. 16+50 -L- RT

7/2/99

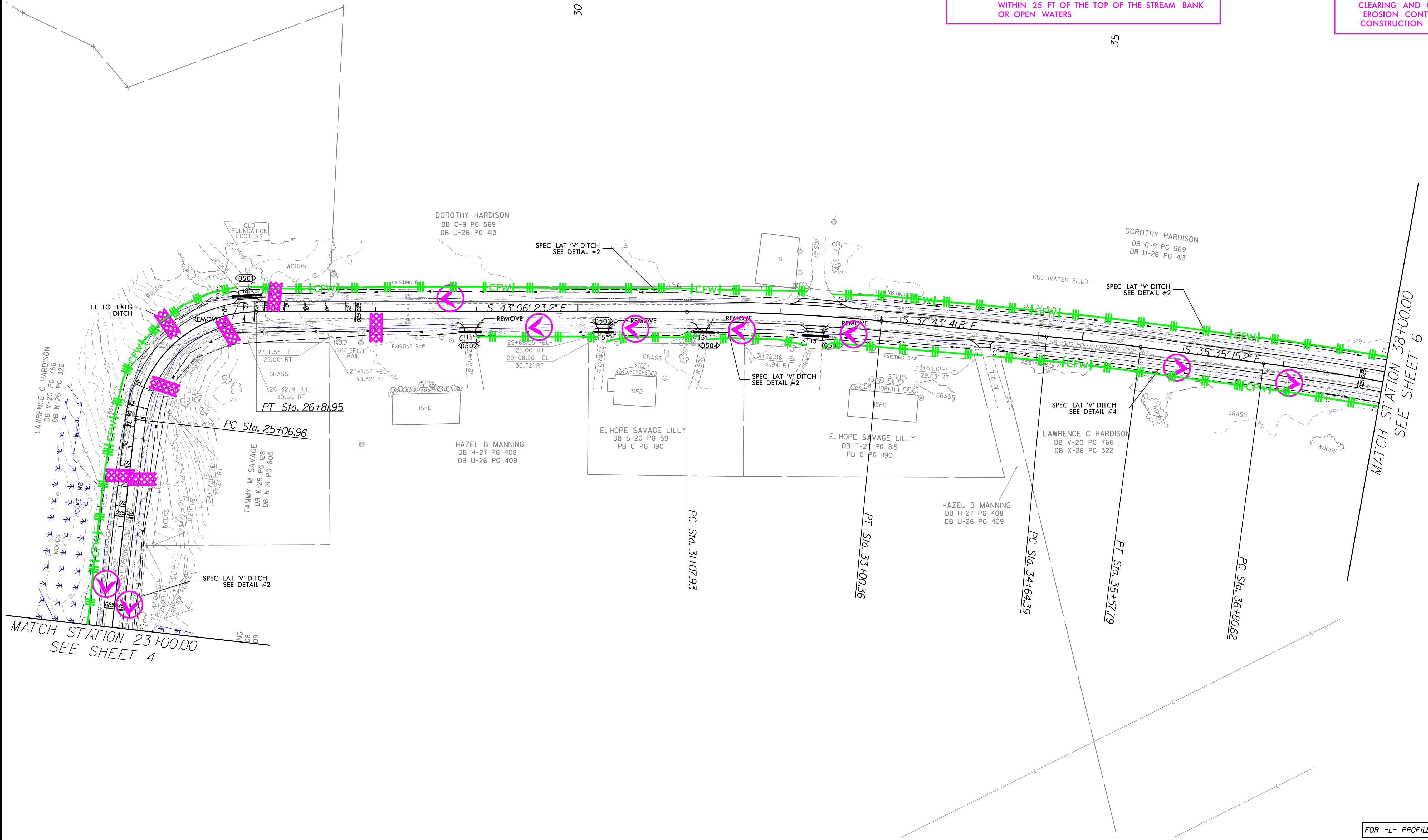
PROJECT REFERENCE NO.	SHEET NO.
1C.058064	EC-05/CONST.05
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

NOTE:
MATTING WITH NYLON MESH CANNOT BE USED
WITHIN 25 FT OF THE TOP OF THE STREAM BANK
OR OPEN WATERS

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 05

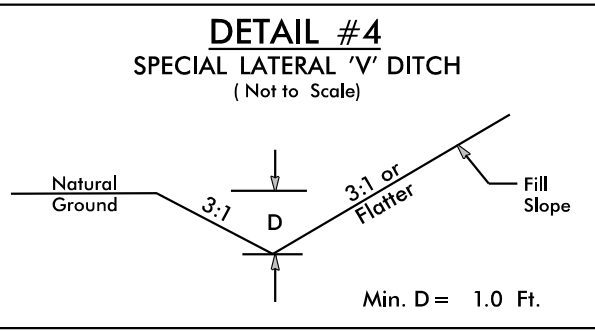
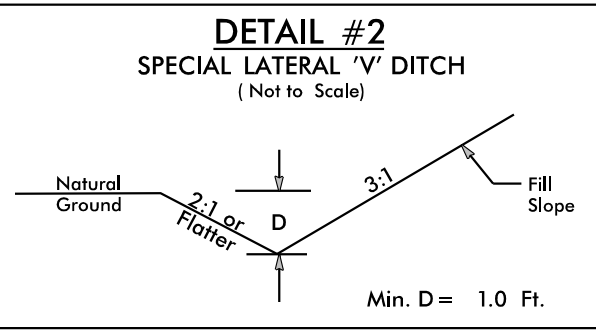
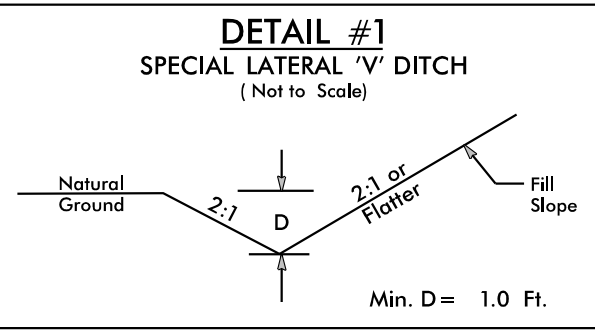


7/2/99

PROJECT REFERENCE NO.	SHEET NO.
1C.058064	EC-06/CONST.06
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

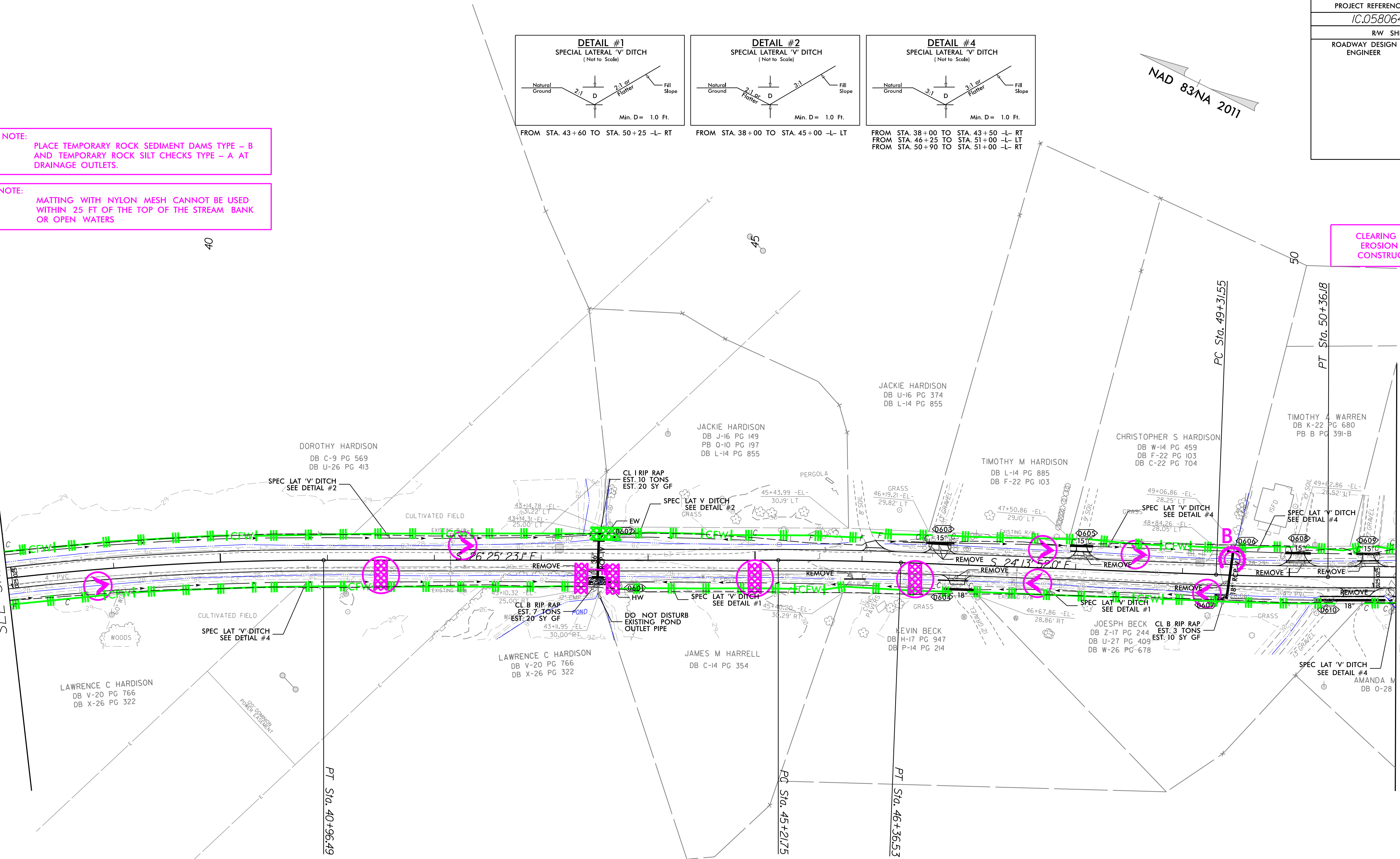
NOTE: MATTING WITH NYLON MESH CANNOT BE USED WITHIN 25 FT OF THE TOP OF THE STREAM BANK OR OPEN WATERS



NAD 83NA 2011

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 06

MATCH STATION 38+00.00
SEE SHEET 5

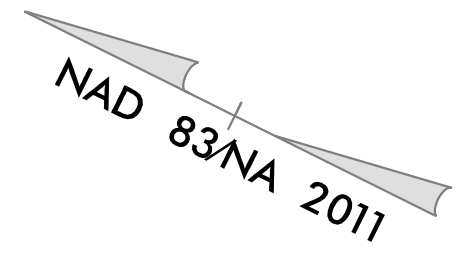
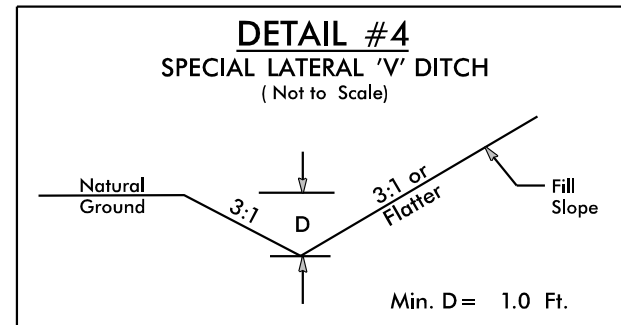


MATCH STATION 51+00.00
SEE SHEET 7

7/2/99

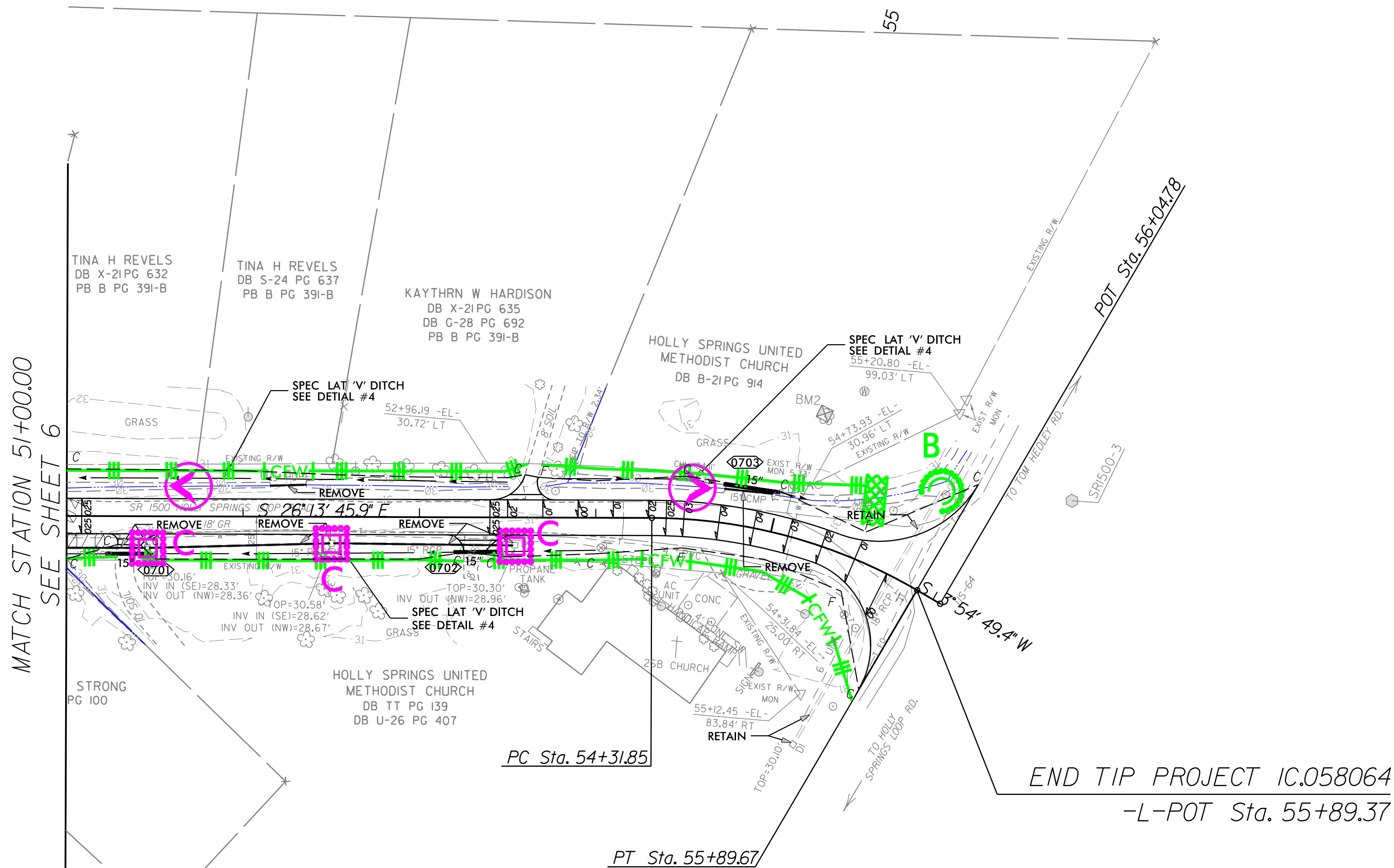
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

NOTE: MATTING WITH NYLON MESH CANNOT BE USED WITHIN 25 FT OF THE TOP OF THE STREAM BANK OR OPEN WATERS



PROJECT REFERENCE NO.		SHEET NO.	
IC.058064		EC-07/CONST.07	
R/W SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

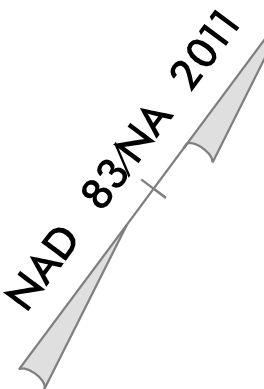
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 07



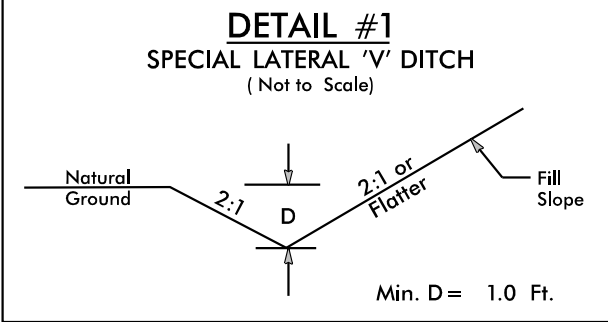
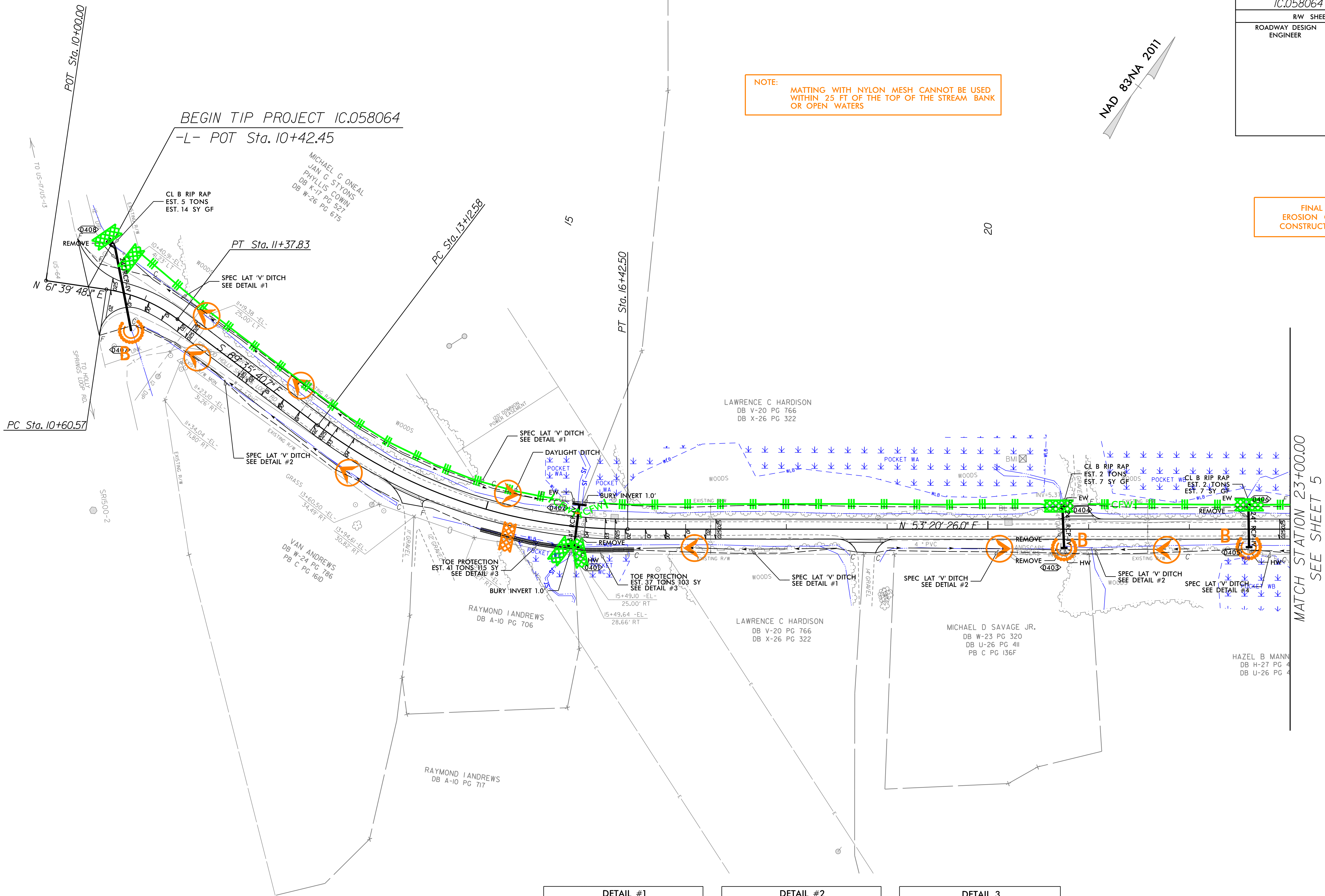
7/2/99

PROJECT REFERENCE NO.	SHEET NO.
IC.058064	EC-08/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

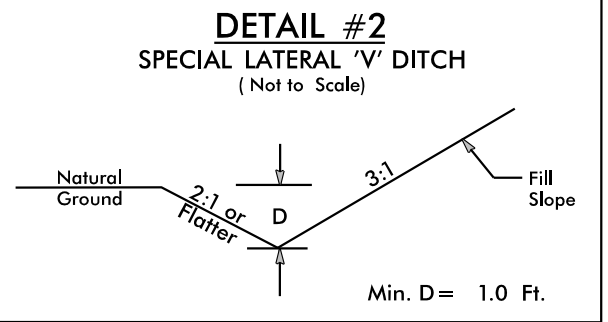
NOTE: MATTING WITH NYLON MESH CANNOT BE USED WITHIN 25 FT. OF THE TOP OF THE STREAM BANK OR OPEN WATERS



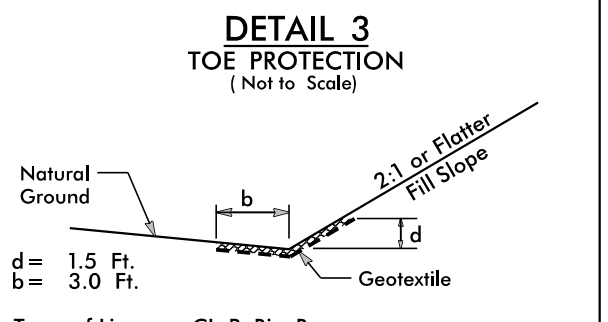
FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 04



FROM STA. 10+75 TO STA. 15+50 -L- LT
FROM STA. 16+50 TO STA. 18+50 -L- RT



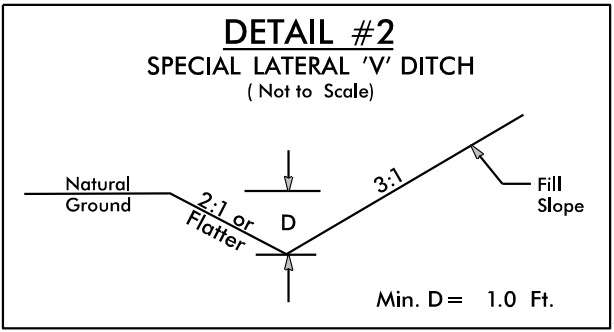
FROM STA. 11+00 TO STA. 14+00 -L- RT
FROM STA. 19+00 TO STA. 22+00 -L- RT
FROM STA. 22+59 TO STA. 23+00 -L- RT



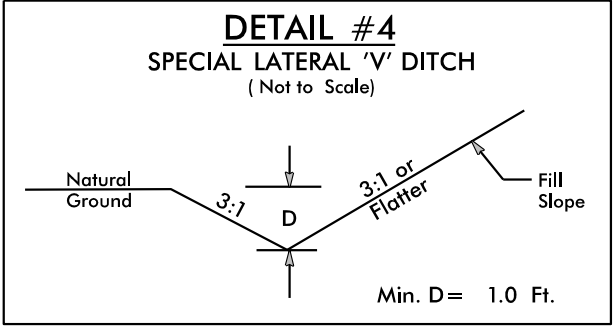
Type of Liner = CL B Rip-Rap
FROM STA. 15+00 TO STA. 15+80 -L- RT
FROM STA. 15+98 TO STA. 16+50 -L- RT

7/2/99

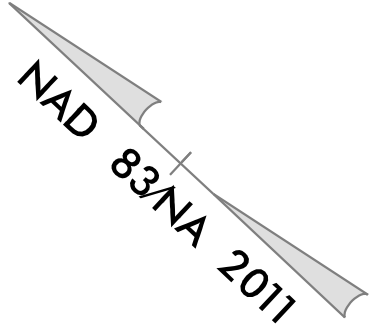
PROJECT REFERENCE NO.	SHEET NO.
1C.058064	EC-09/CONST.05
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



FROM STA. 23+00 TO STA. 33+90 -L- RT
FROM STA. 26+00 TO STA. 31+00 -L- LT
FROM STA. 33+00 TO STA. 38+00 -L- LT

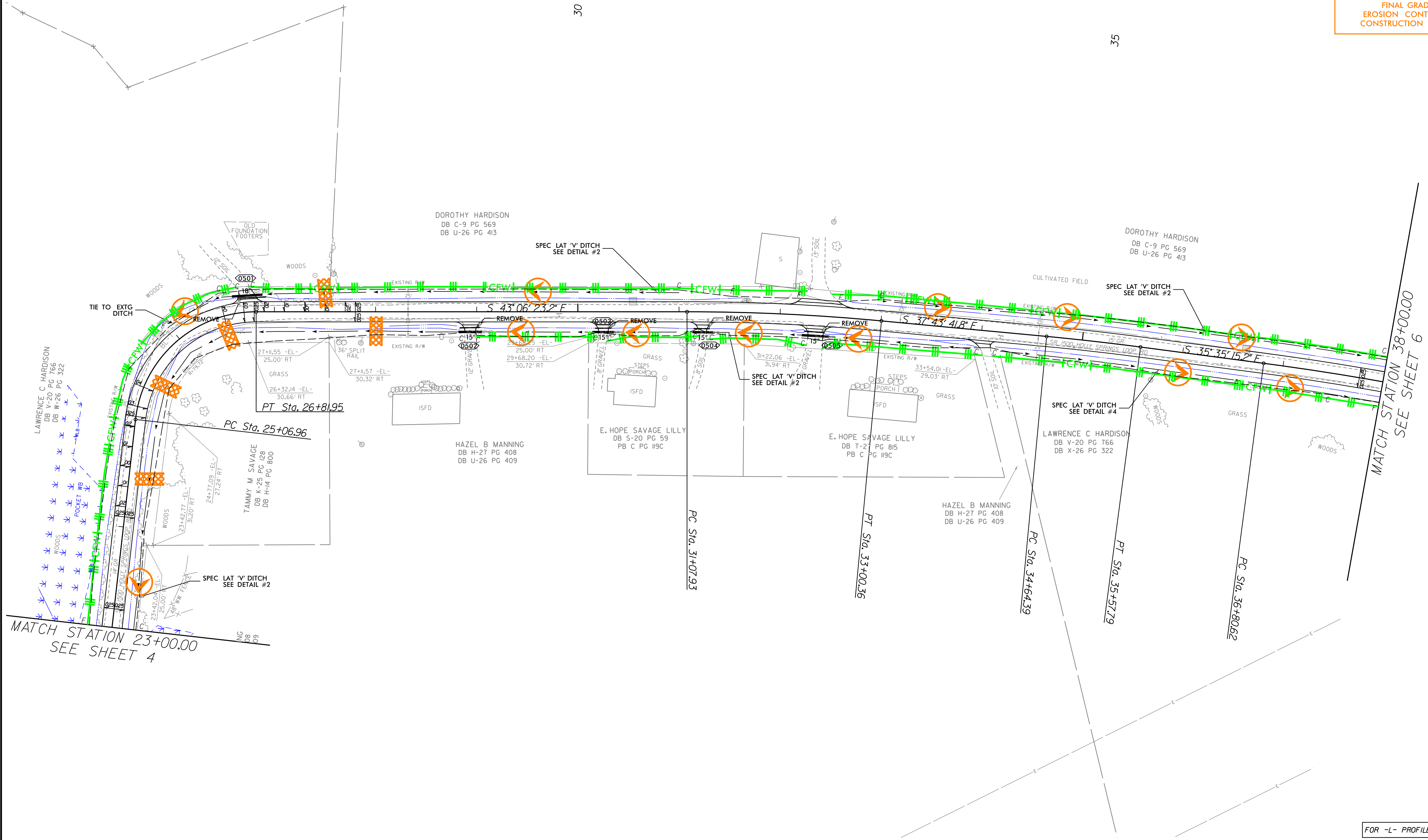


FROM STA. 34+20 TO STA. 38+00 -L- RT



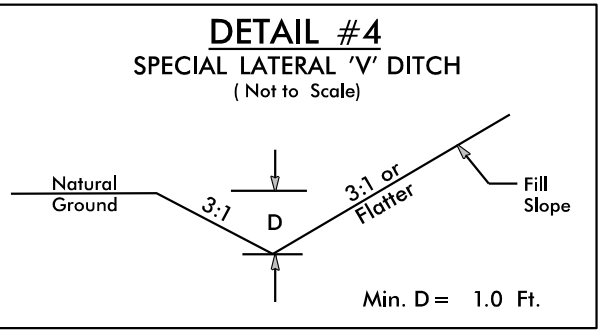
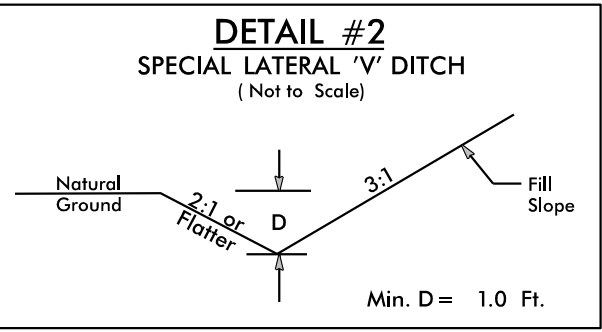
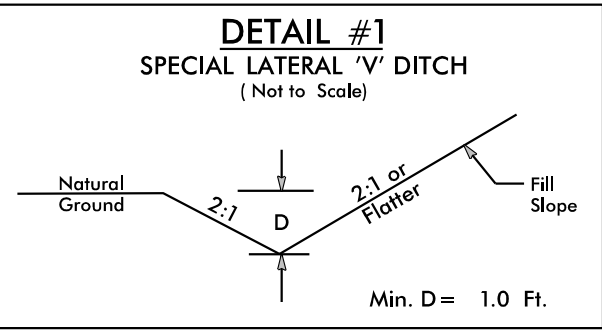
NOTE: MATTING WITH NYLON MESH CANNOT BE USED WITHIN 25 FT OF THE TOP OF THE STREAM BANK OR OPEN WATERS

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 05



7/2/99

PROJECT REFERENCE NO.	SHEET NO.
1C.058064	EC-10/CONST.06
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



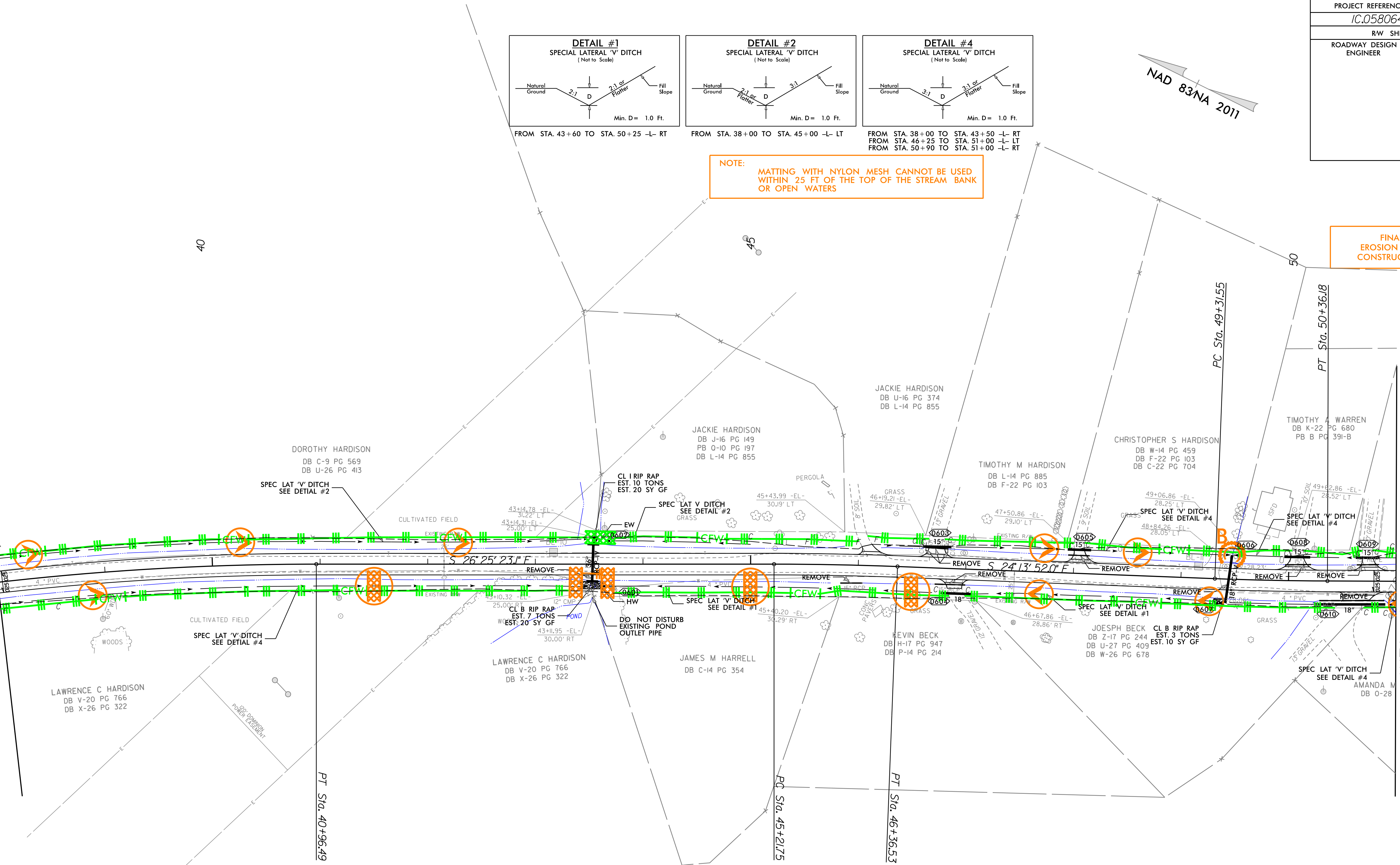
NAD 83NA 2011

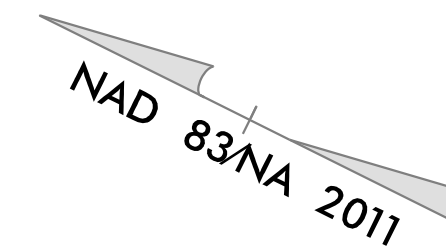
NOTE: MATTING WITH NYLON MESH CANNOT BE USED WITHIN 25 FT OF THE TOP OF THE STREAM BANK OR OPEN WATERS

FINAL GRADING EROSION CONTROL FOR CONSTRUCTION SHEET 06

MATCH STATION 38+00.00
SEE SHEET 5

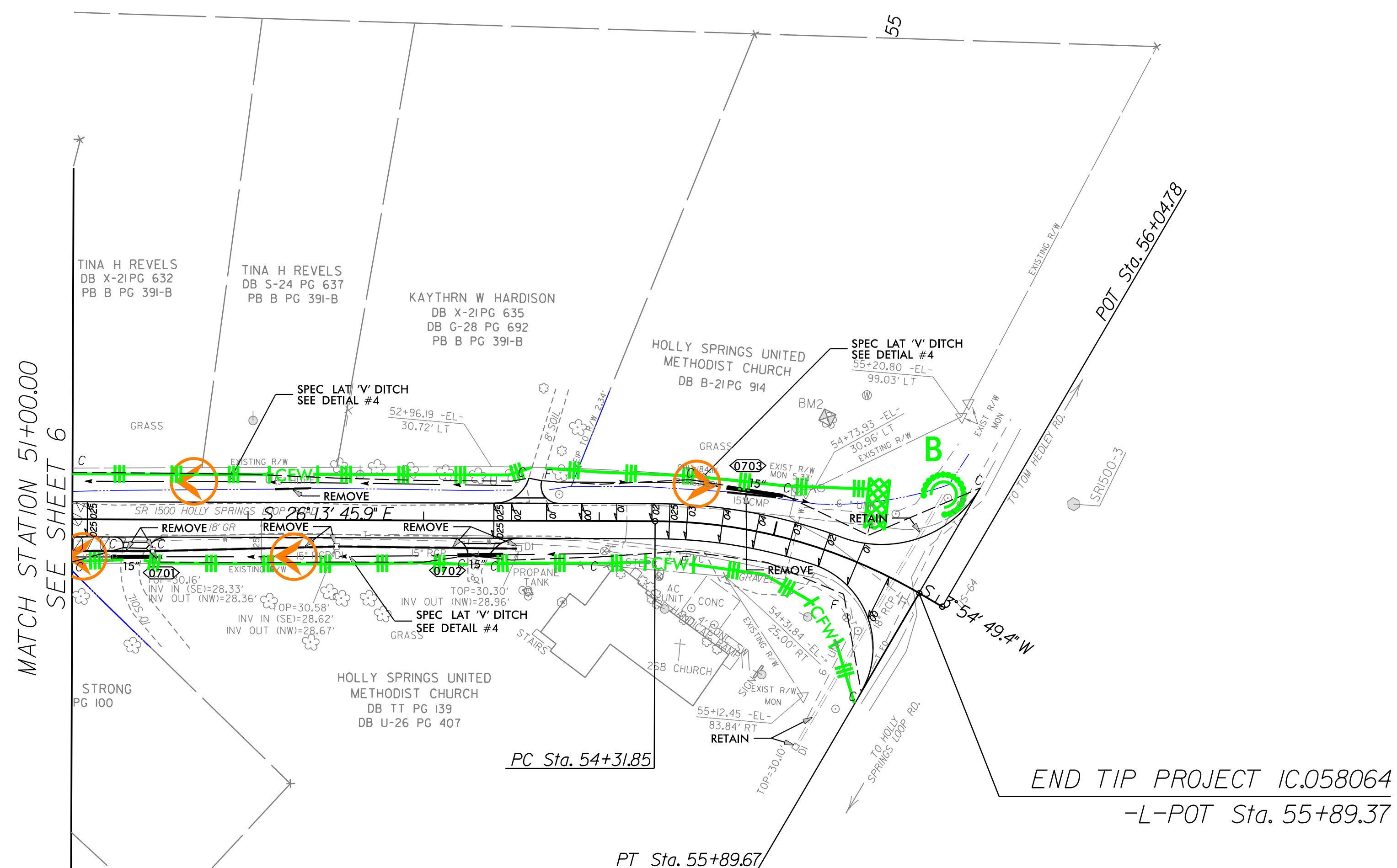
MATCH STATION 51+00.00
SEE SHEET 7





FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 07

NOTE: MATTING WITH NYLON MESH CANNOT BE USED WITHIN 25 FT OF THE TOP OF THE STREAM BANK OR OPEN WATERS



8/17/99

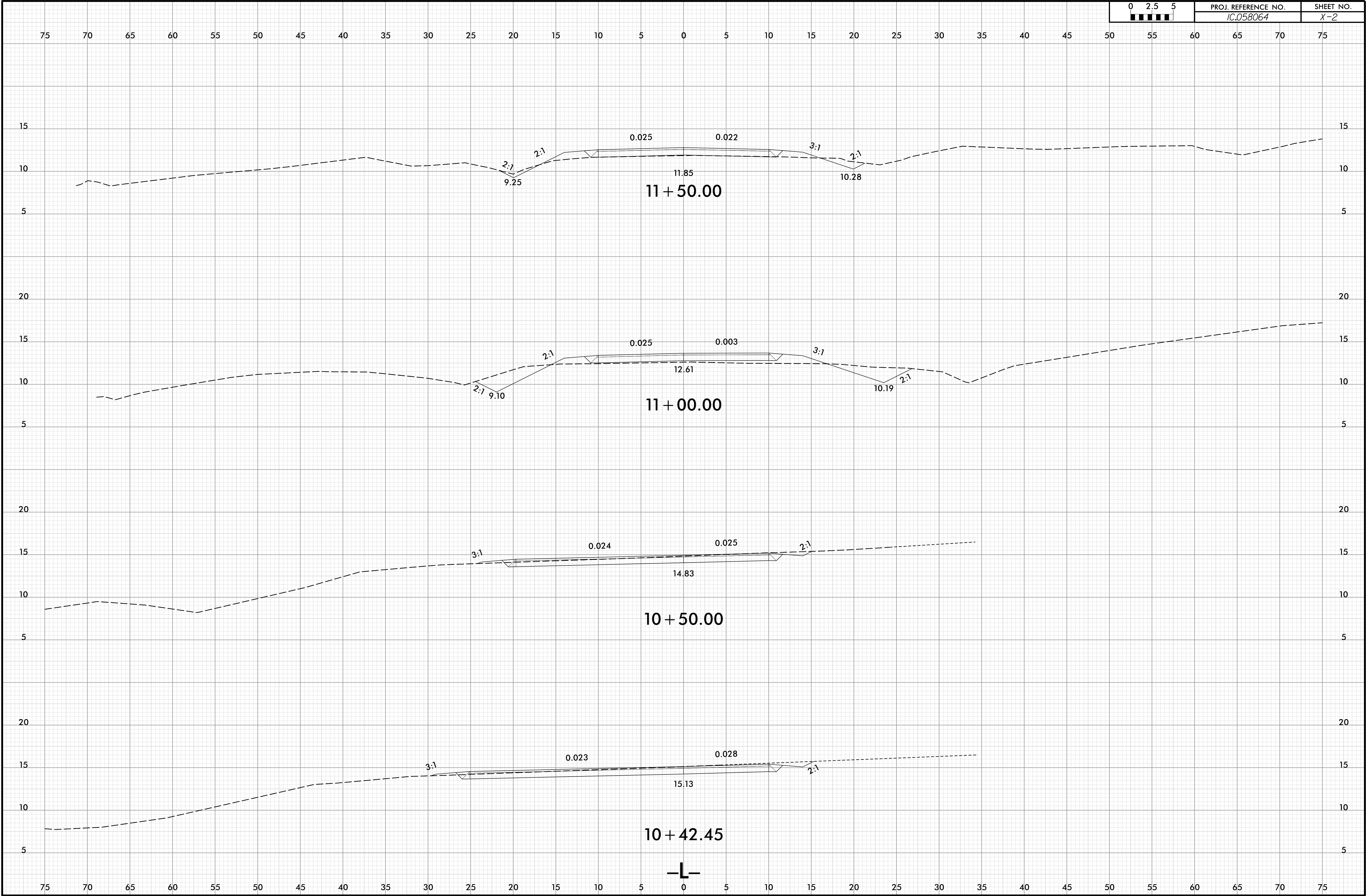
I:\25\2024
11612_Springs_Loop_Rd.dwg
11612.dwg

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS						PROJECT REFERENCE NO. 1C.058064	SHEET NO. X-1
NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT						CROSS-SECTION SUMMARY	
Station -L-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station -L-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Approximate quantities only. Unclassified excavation, borrow excavation, shoulder borrow, fine grading, clearing and grubbing, breaking of existing pavement and removal of existing pavement will be paid for at the lump sum price for "Grading".	
10+42.45	0	0	36+50.00	9	47		
10+50.00	8	0	37+00.00	6	55		
11+00.00	40	11	37+50.00	5	64		
11+50.00	21	16	38+00.00	4	71		
12+00.00	7	16	38+50.00	5	72		
12+50.00	5	28	39+00.00	6	66		
13+00.00	4	43	39+50.00	6	56		
13+50.00	6	54	40+00.00	10	45		
14+00.00	5	51	40+50.00	15	40		
14+50.00	5	31	41+00.00	18	39		
15+00.00	5	28	41+50.00	17	38		
15+50.00	2	19	42+00.00	11	39		
16+00.00	0	39	42+50.00	7	42		
16+50.00	0	75	43+00.00	7	44		
17+00.00	3	67	43+50.00	6	56		
17+50.00	6	65	44+00.00	19	60		
18+00.00	5	75	44+50.00	32	50		
18+50.00	2	75	45+00.00	31	45		
19+00.00	2	61	45+50.00	30	38		
19+50.00	3	53	46+00.00	31	21		
20+00.00	2	44	46+50.00	31	21		
20+50.00	3	31	47+00.00	30	34		
21+00.00	3	26	47+50.00	24	44		
21+50.00	4	36	48+00.00	26	48		
22+00.00	5	47	48+50.00	25	46		
22+50.00	2	51	49+00.00	19	44		
23+00.00	1	57	49+50.00	21	42		
23+50.00	2	59	50+00.00	28	32		
24+00.00	2	53	50+50.00	26	20		
24+50.00	4	58	51+00.00	21	20		
25+00.00	6	75	51+50.00	19	27		
25+50.00	5	77	52+00.00	14	31		
26+00.00	6	56	52+50.00	10	35		
26+50.00	22	33	53+00.00	7	40		
27+00.00	30	29	53+50.00	7	41		
27+50.00	21	37	54+00.00	5	46		
28+00.00	12	49	54+50.00	2	50		
28+50.00	7	53	55+00.00	1	37		
29+00.00	12	37	55+50.00	6	16		
29+50.00	15	26	55+89.37	91	2		
30+00.00	14	26					
30+50.00	14	21					
31+00.00	14	19					
31+50.00	12	18					
32+00.00	9	19					
32+50.00	6	20					
33+00.00	5	28					
33+50.00	6	34					
34+00.00	5	29					
34+50.00	6	29					
35+00.00	8	37					
35+50.00	10	39					
36+00.00	11	42					

8/23/99



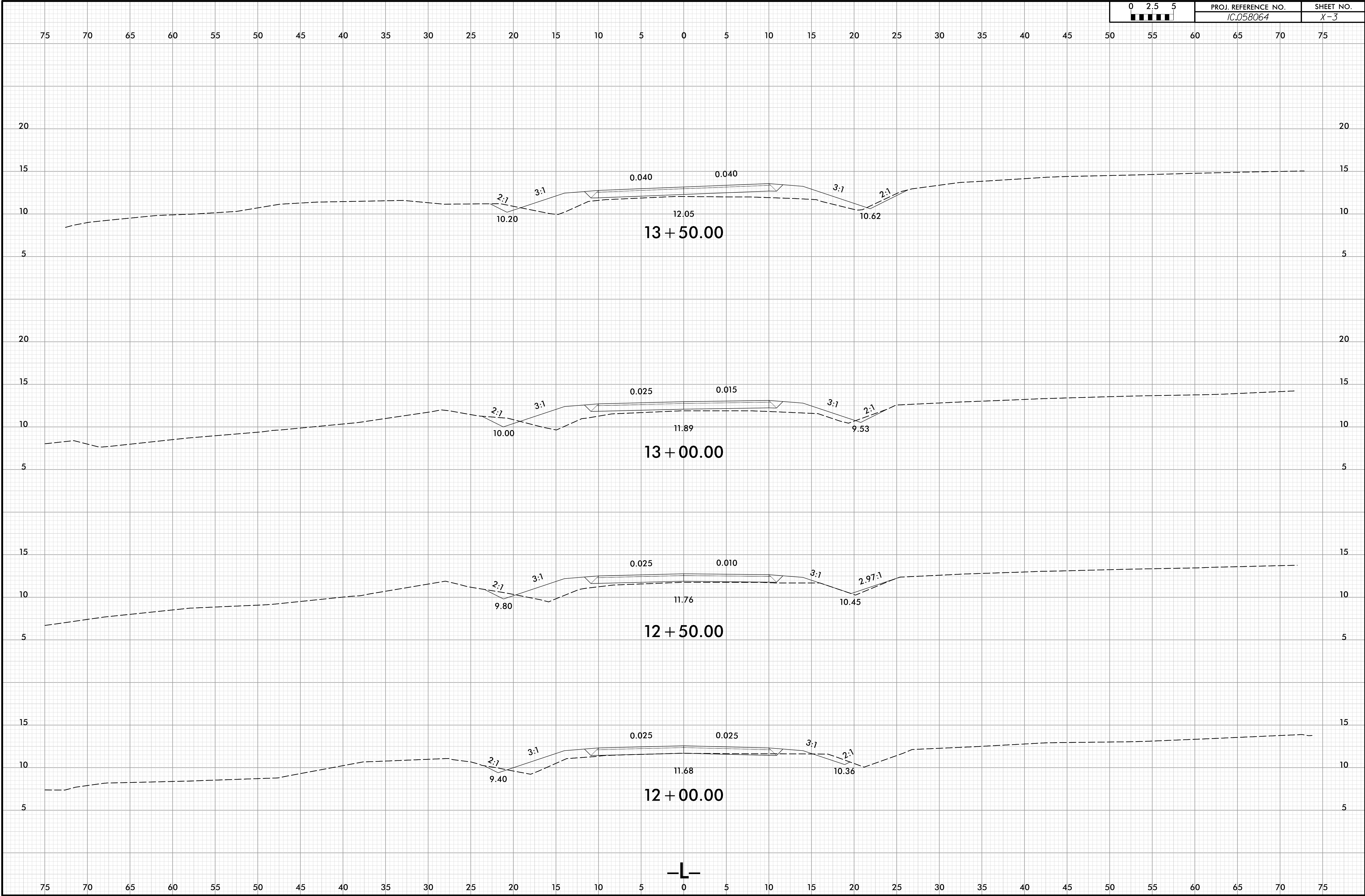
PROJ. REFERENCE NO.	SHEET NO.
1C.058064	X-2



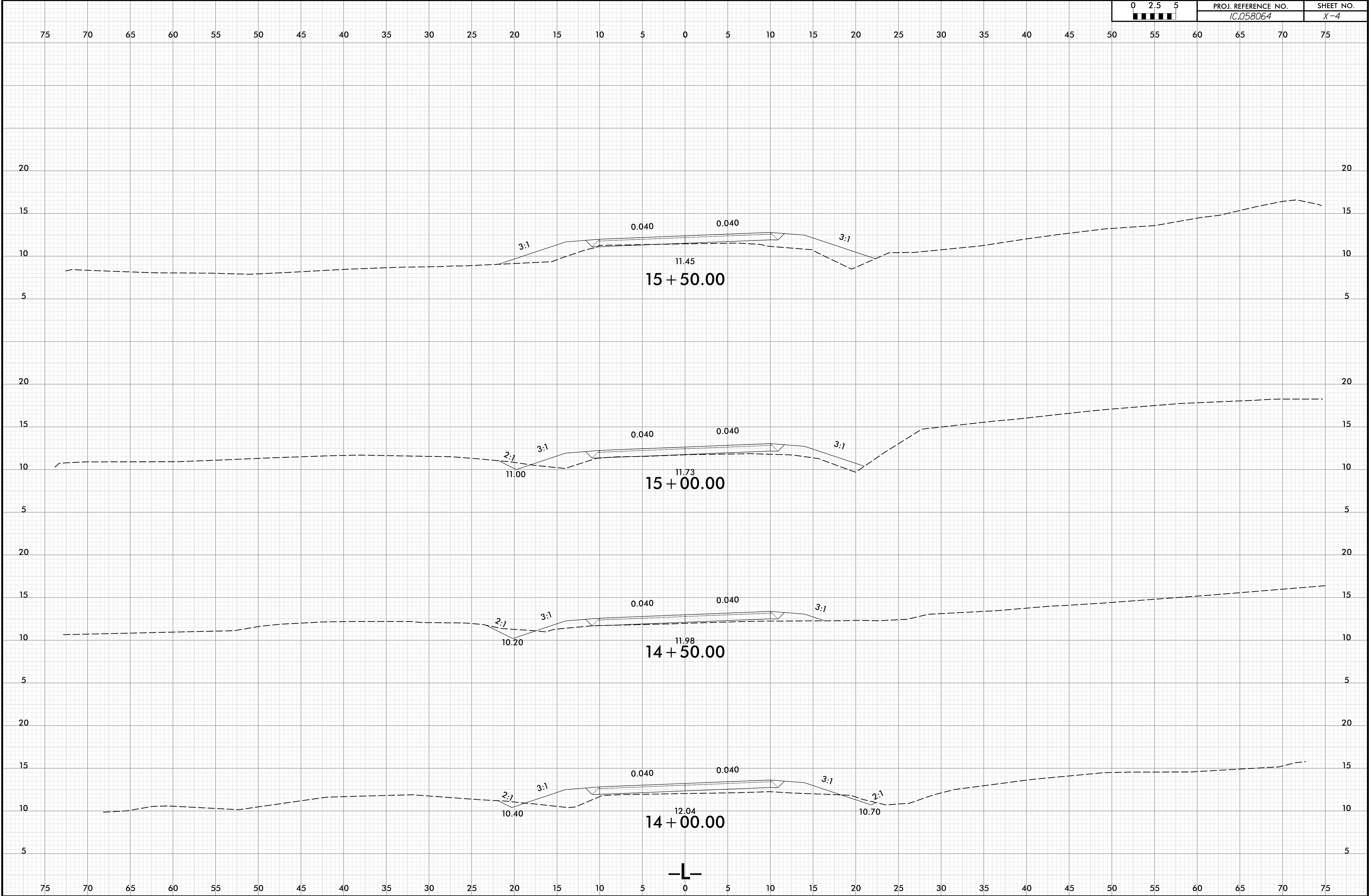
8/23/99



PROJ. REFERENCE NO.	SHEET NO.
1C.058064	X-3

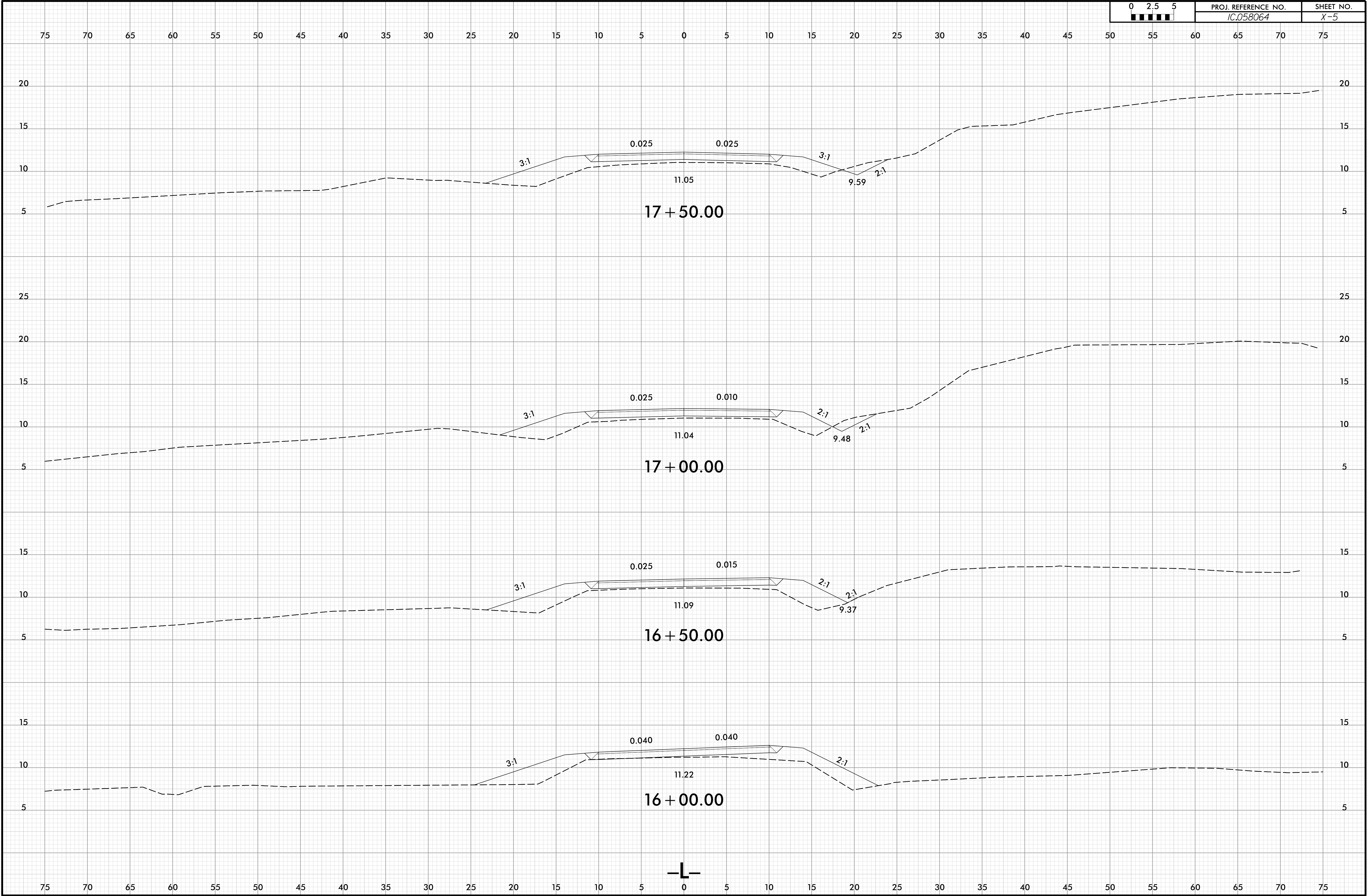


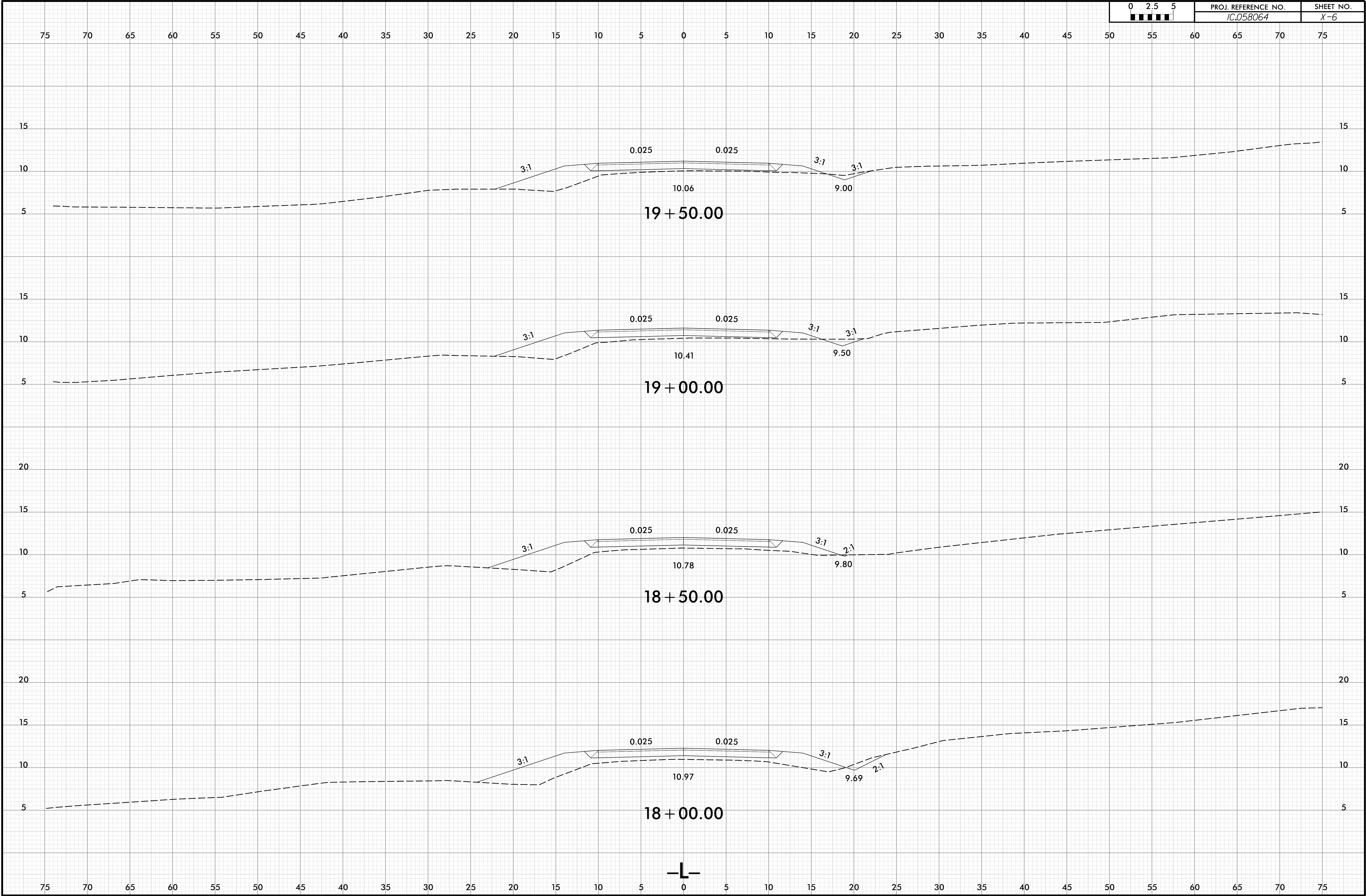
8/23/99

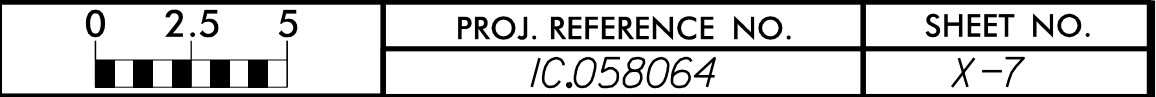


8/23/99

1/25/2024
115-Holly Springs Loop Rd - xpl.dgn
115-Holly Springs



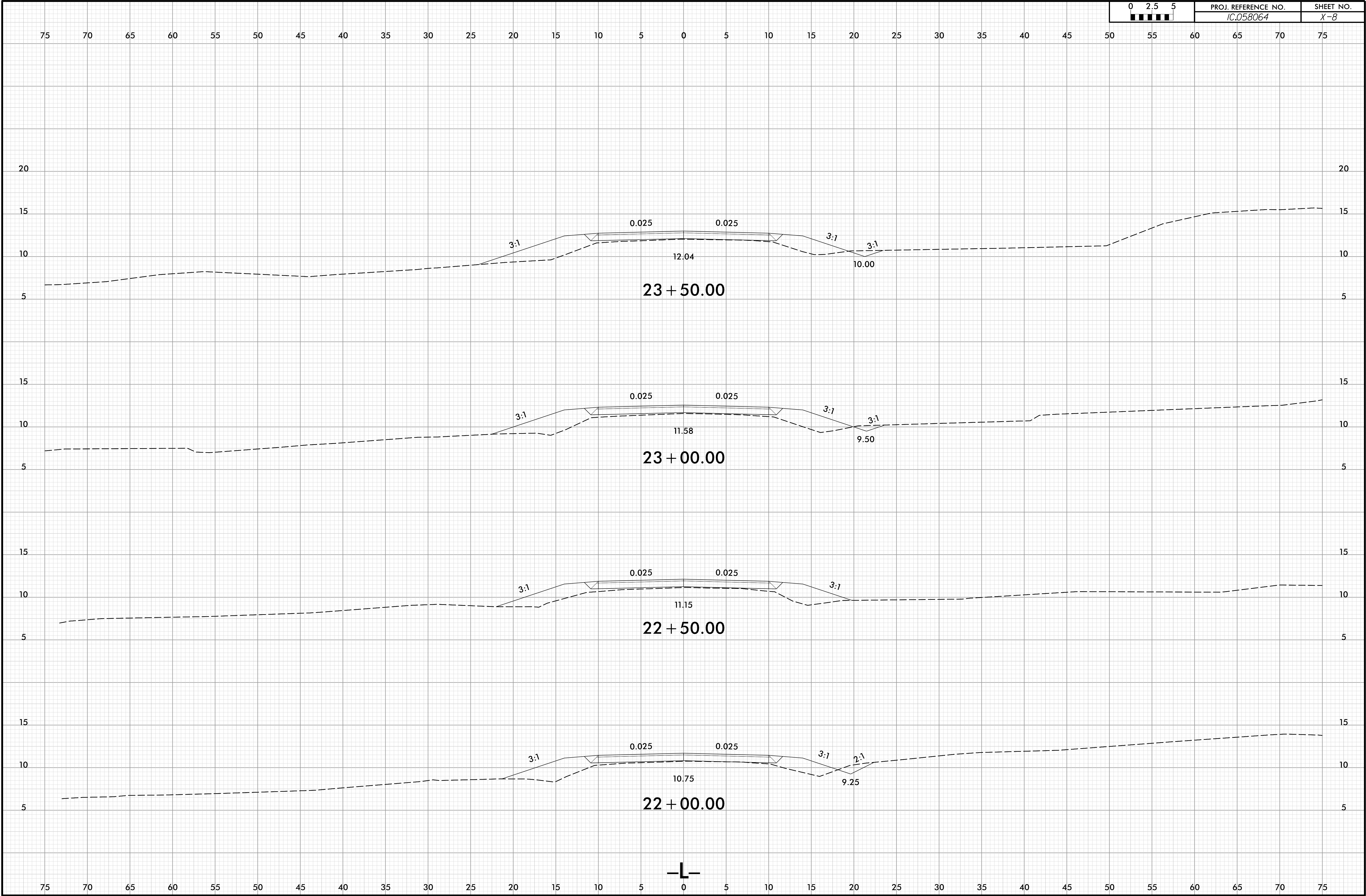


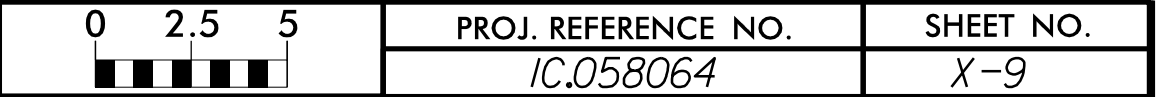


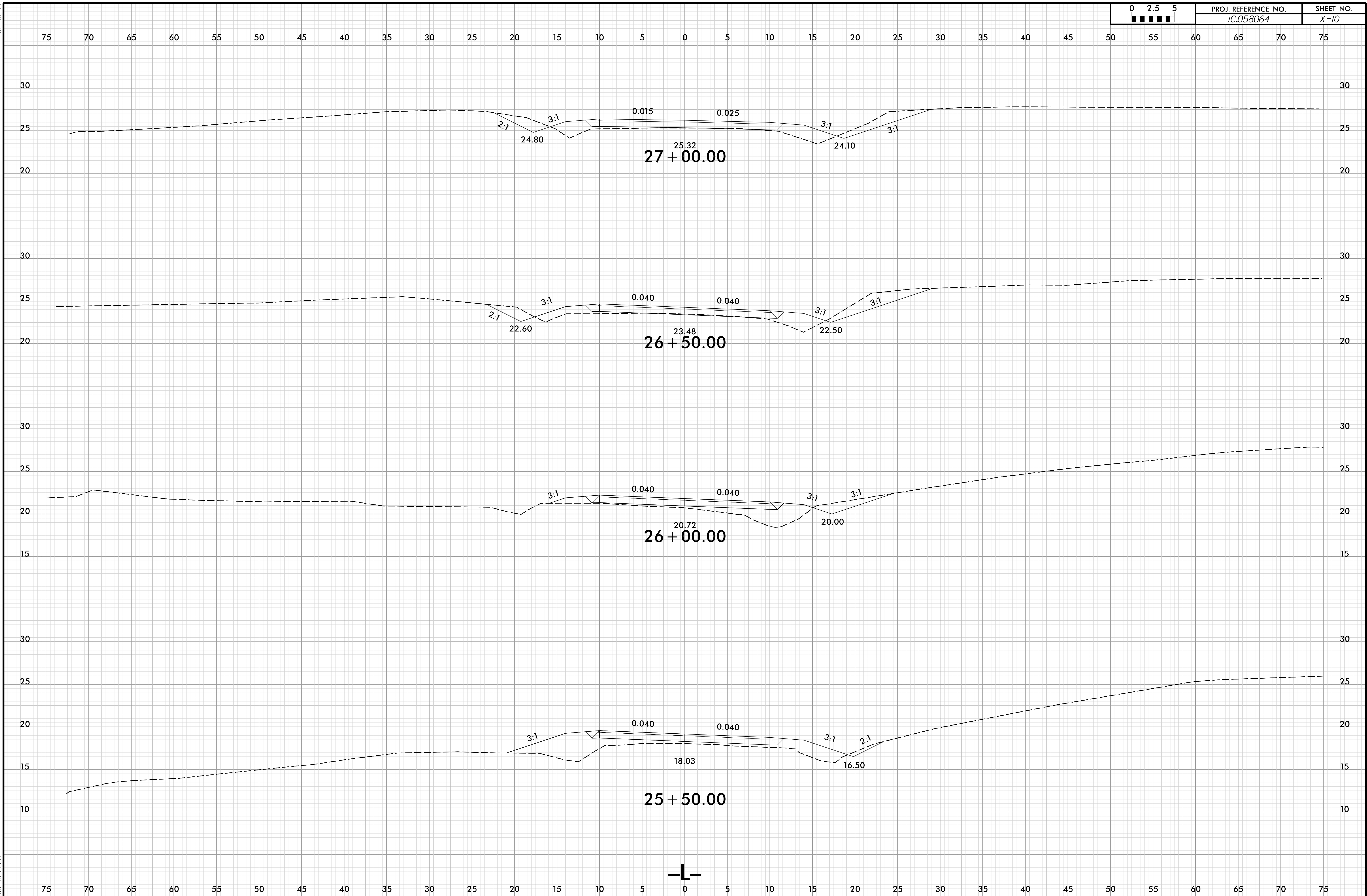
8/23/99



PROJ. REFERENCE NO.	SHEET NO.
1C.058064	X-8

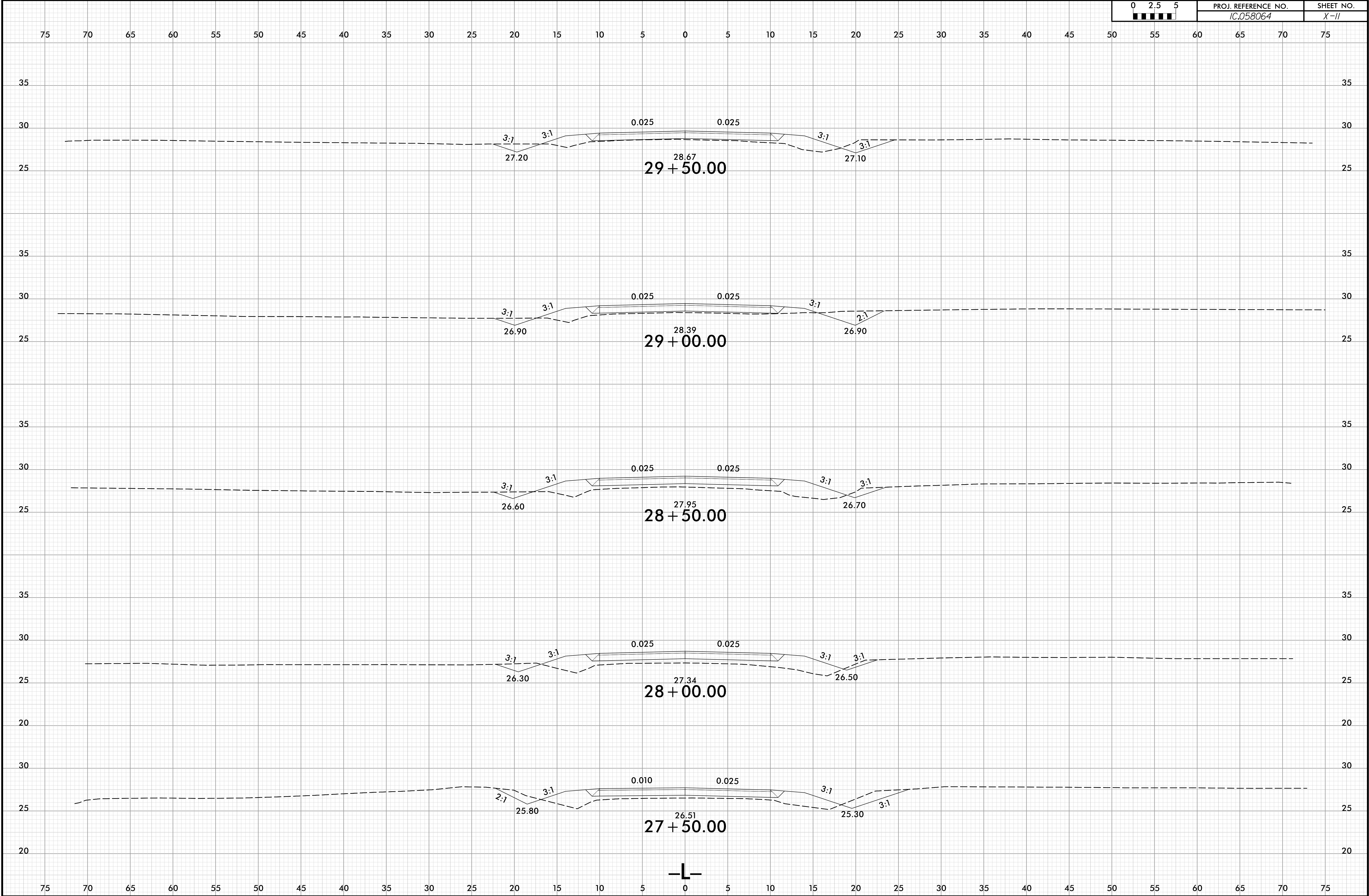






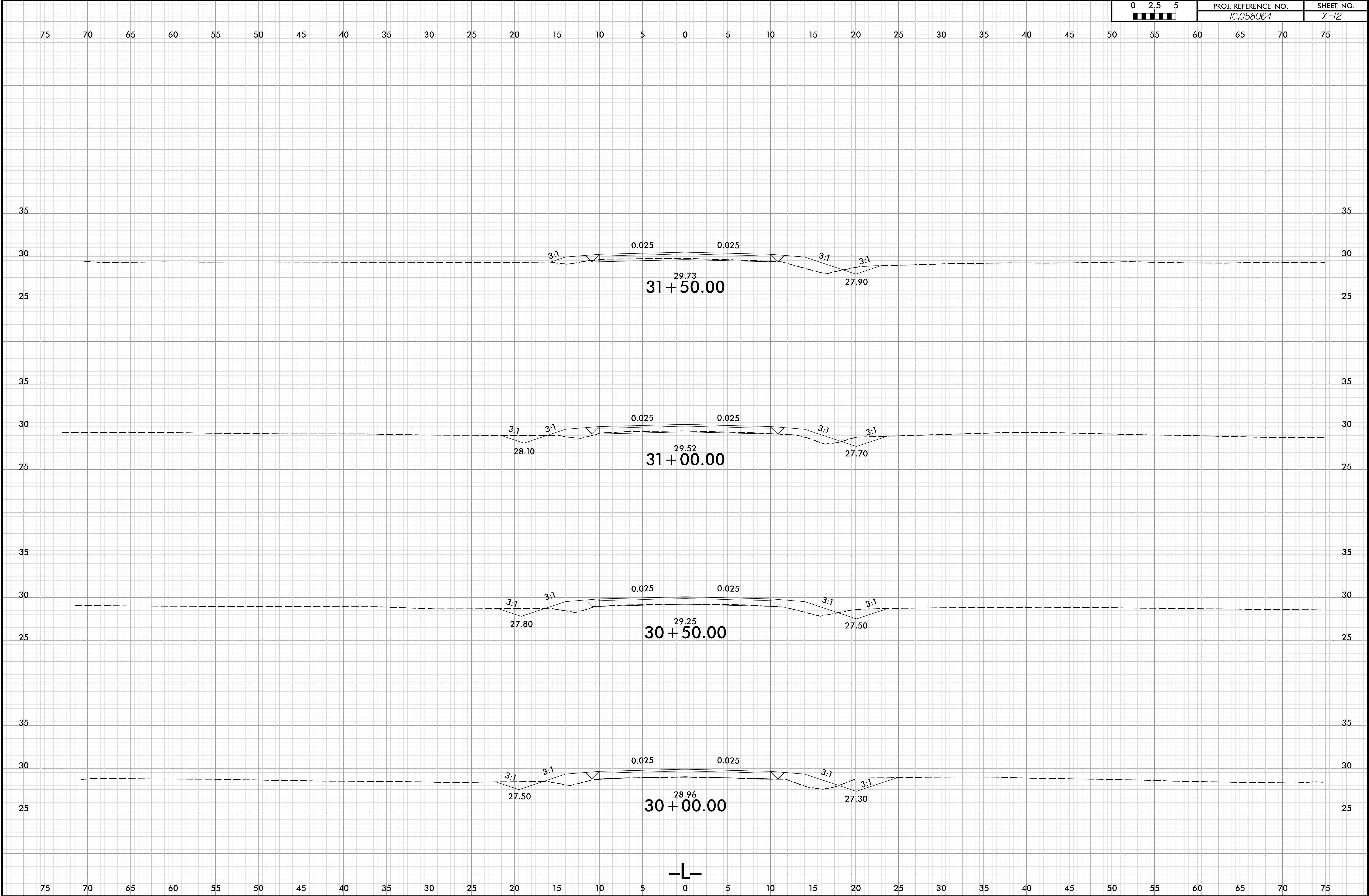
8/23/99

02.55 0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	1C.058064	X-11



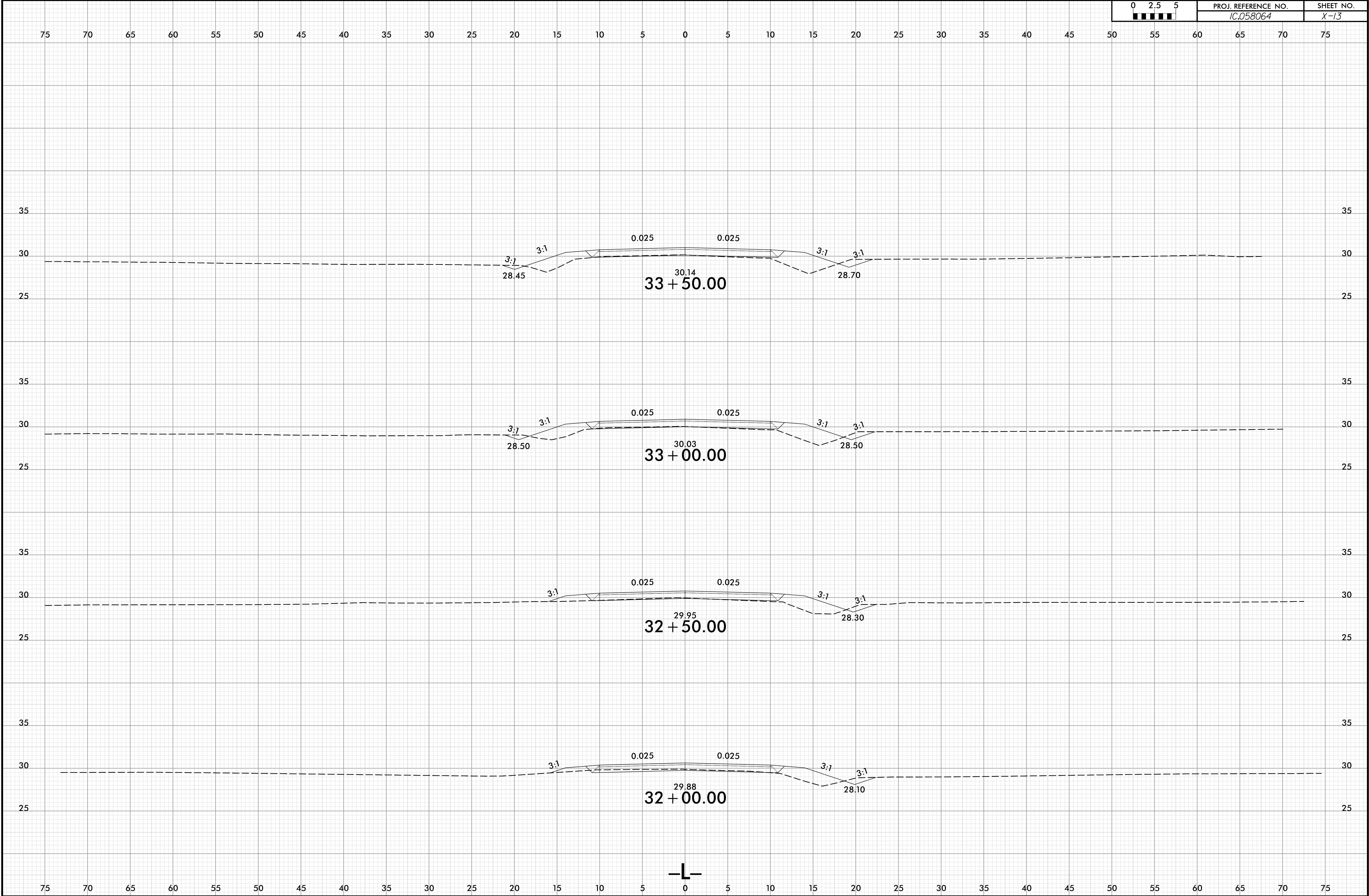
8/23/99

02.55 0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	1C.058064	X-12



8/23/99

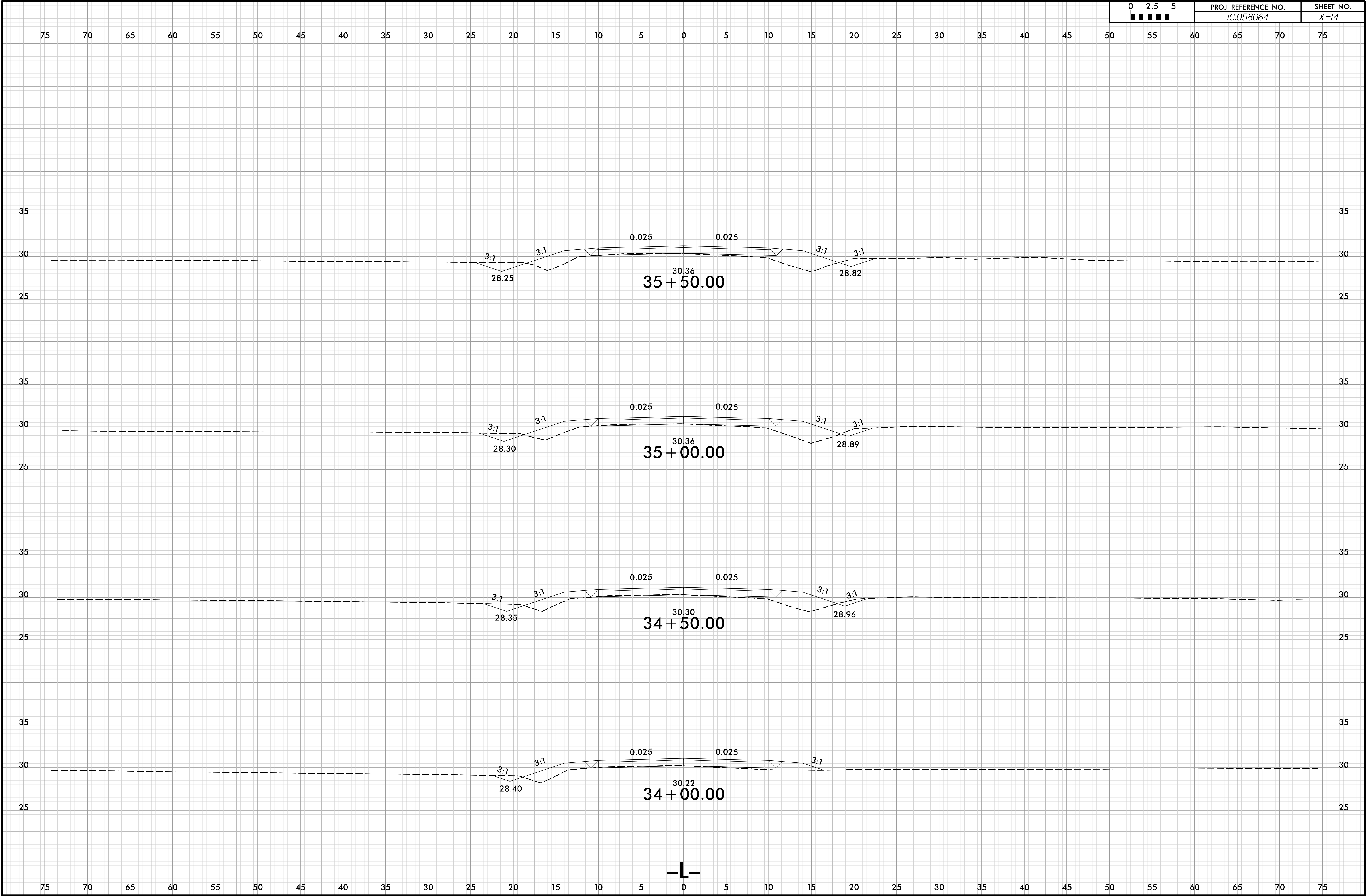
02.55 0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	1C.058064	X-13



1/25/2024
115-Holly Springs Loop Rd - xpl.dgn
115-Holly Springs

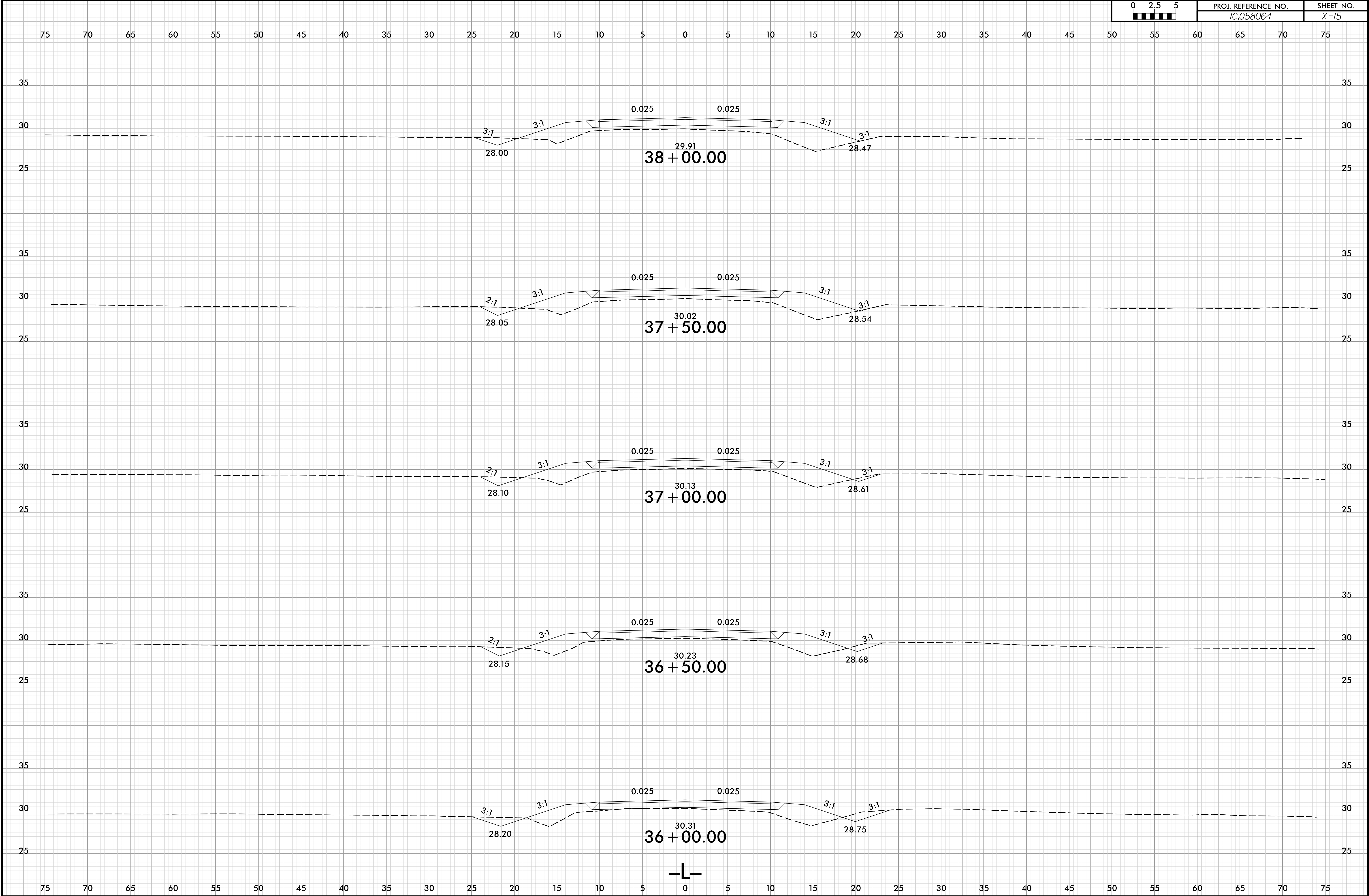
8/23/99

02.55 0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	1C.058064	X-14



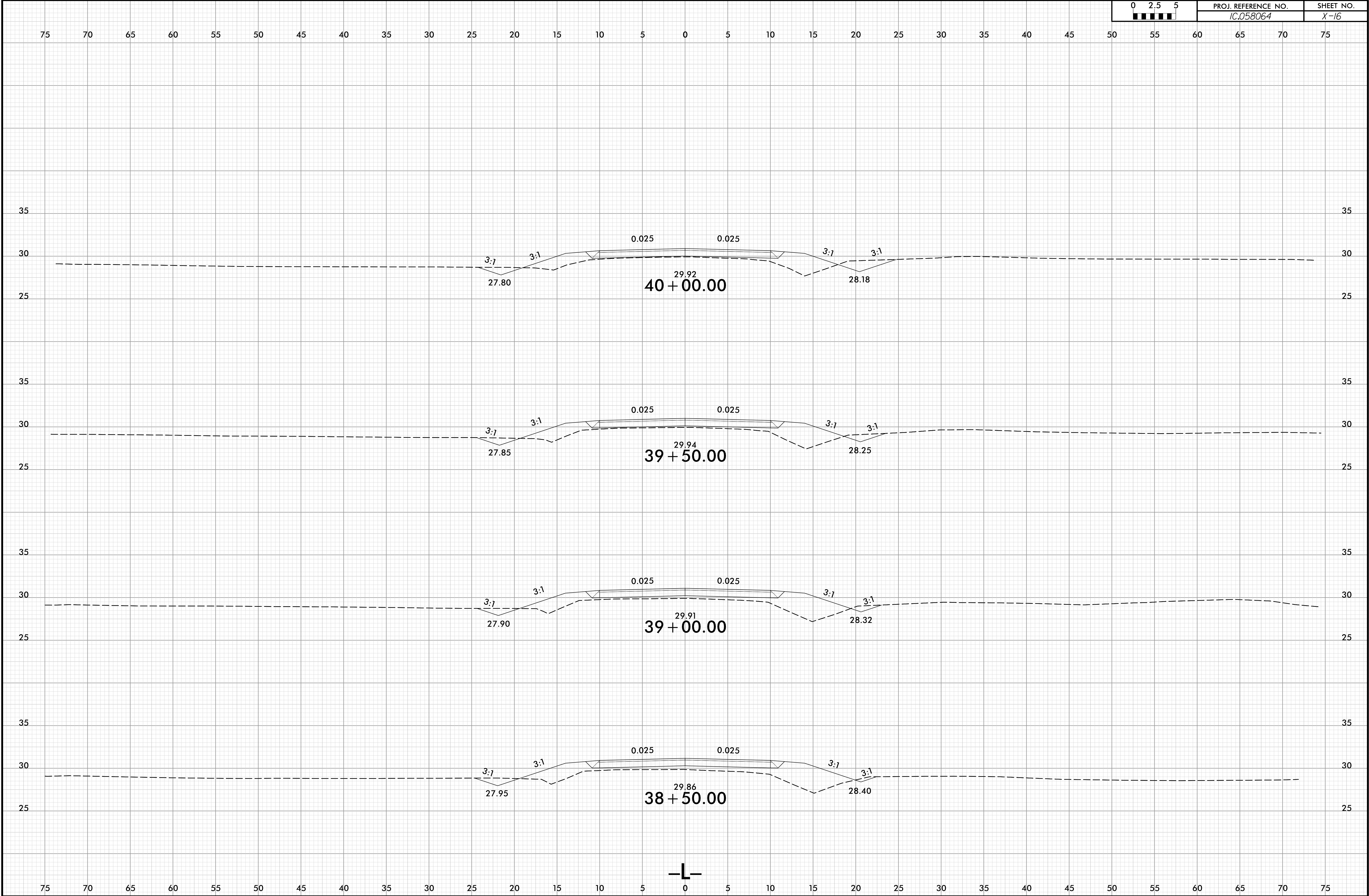
8/23/99

02.55 0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	1C.058064	X-15



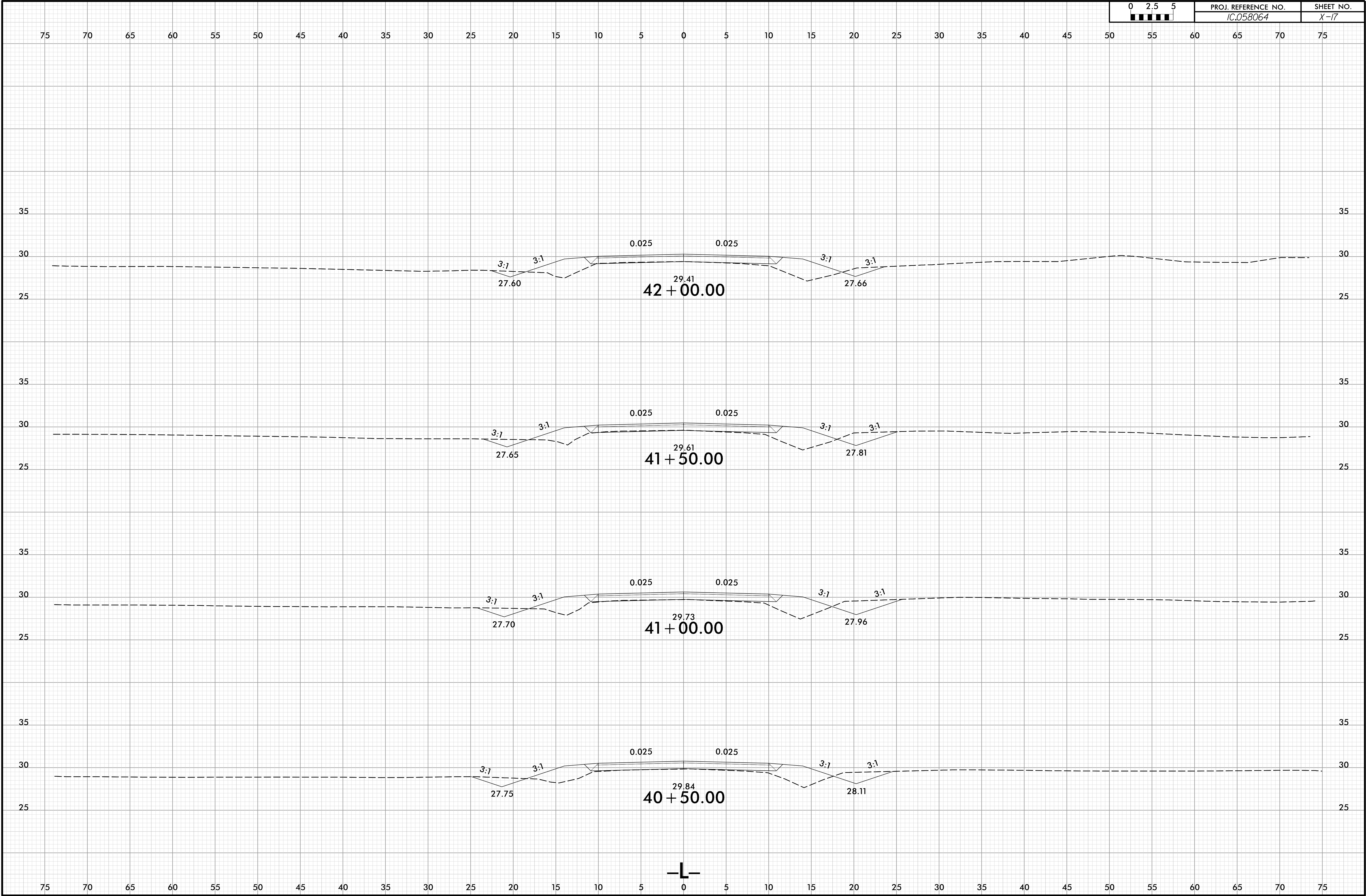
8/23/99

02.55 0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	1C.058064	X-16

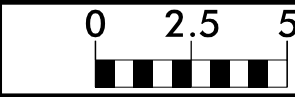


8/23/99

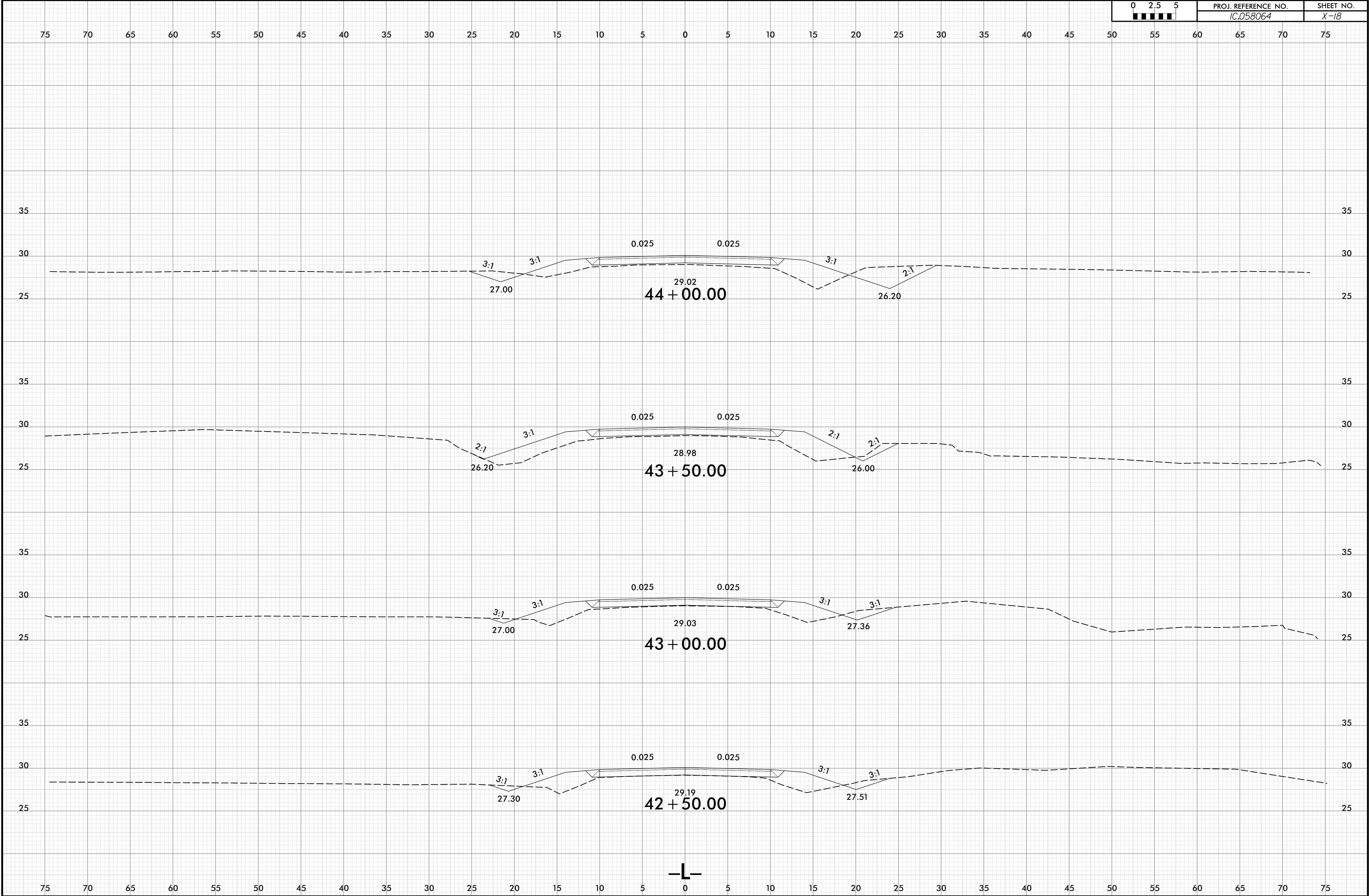
02.55 0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	1C.058064	X-17



8/23/99



PROJ. REFERENCE NO.	SHEET NO.
1C.058064	X-18

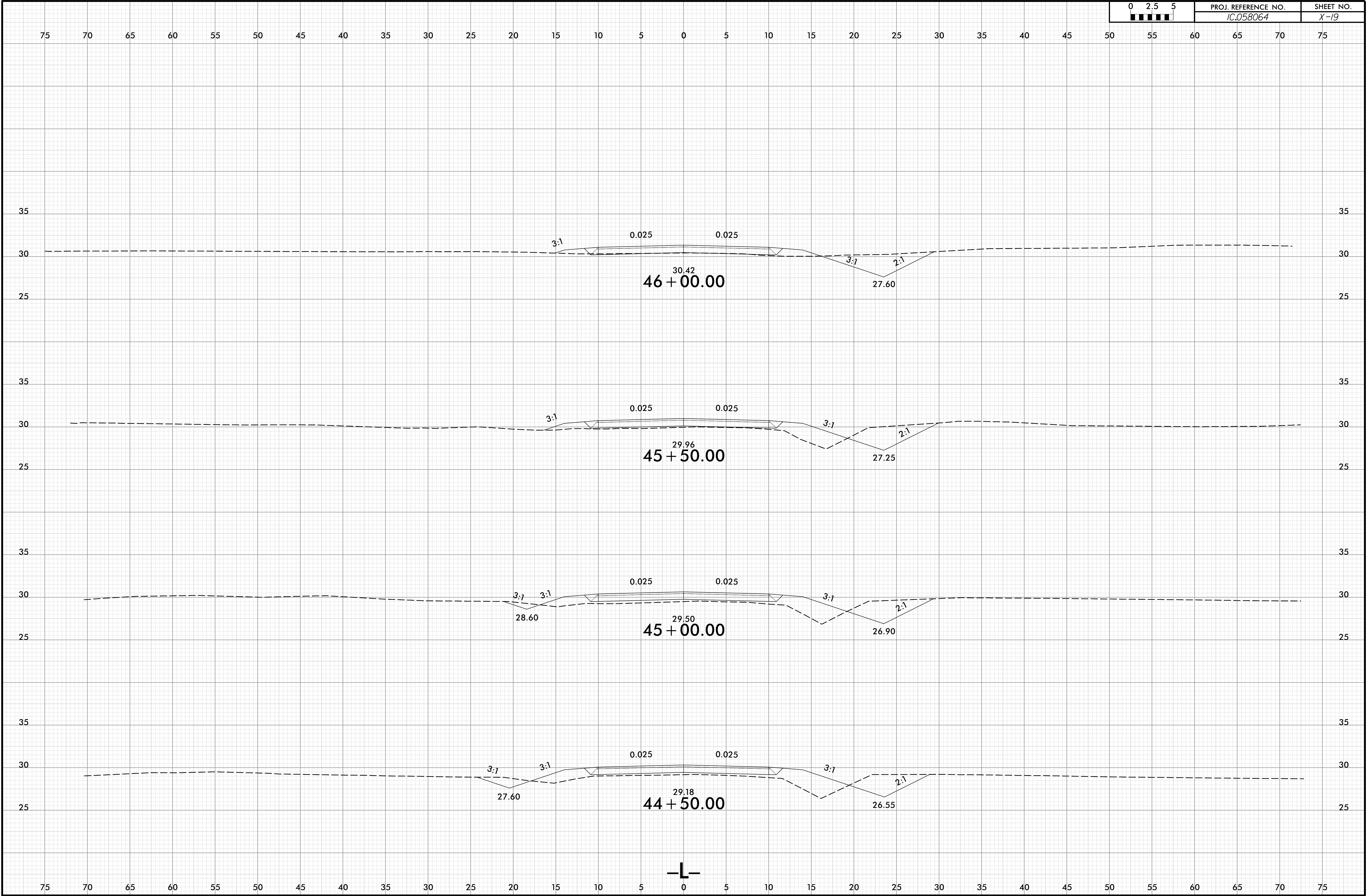


1/25/2024
115 Holly Springs Loop Rd, xpl.dgn
115 Holly Springs

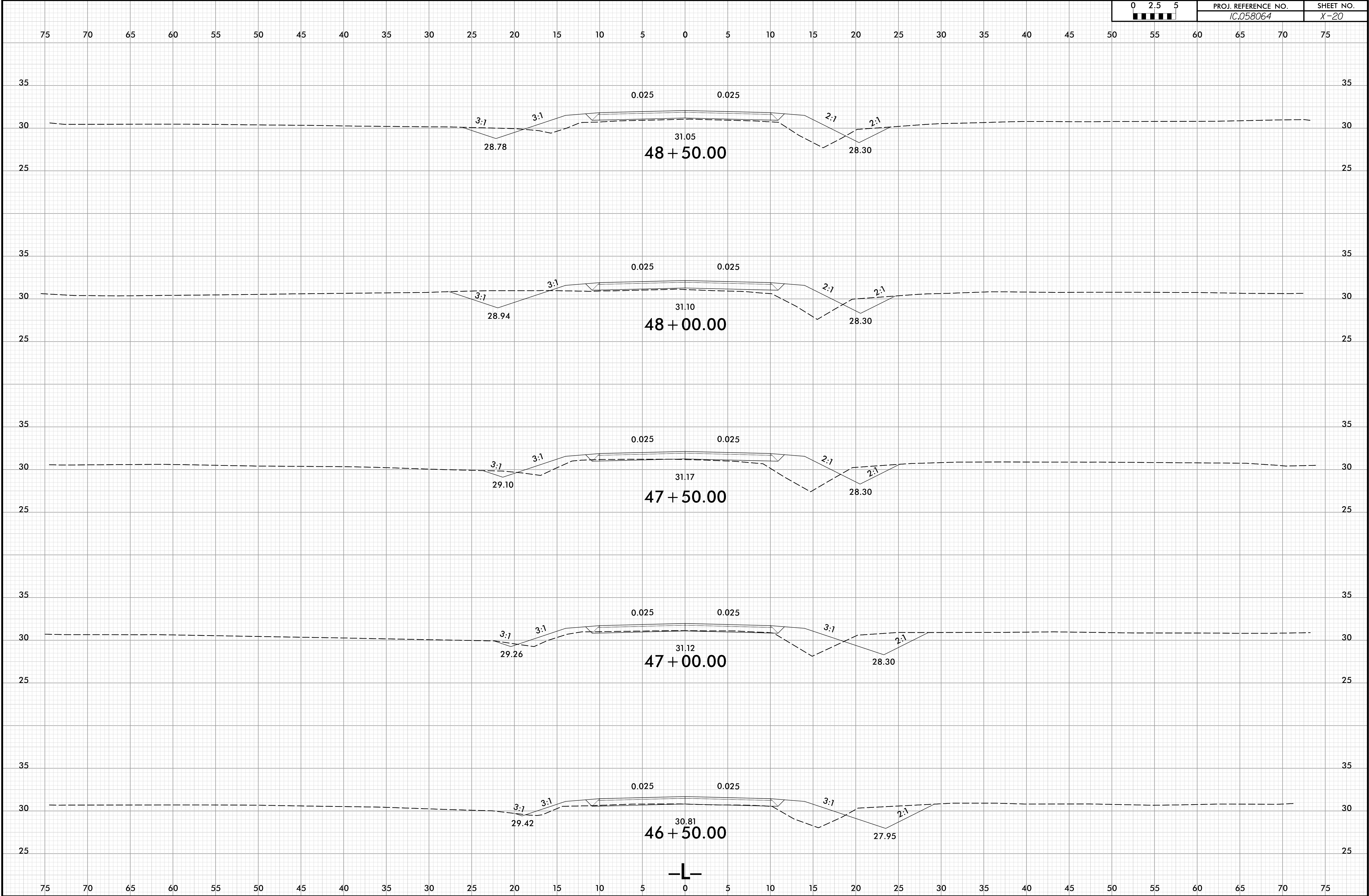
8/23/99



PROJ. REFERENCE NO.	SHEET NO.
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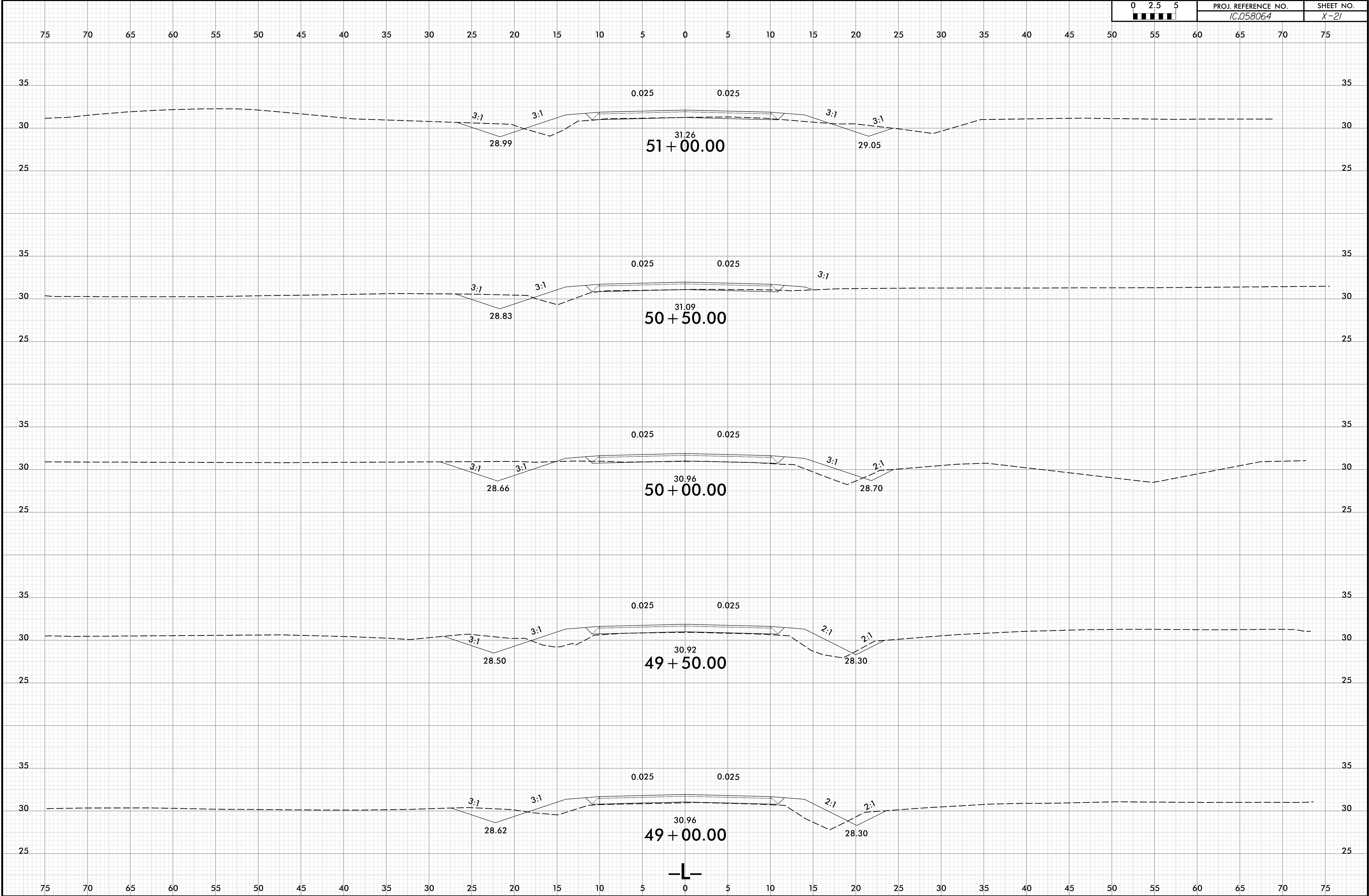


8/23/99



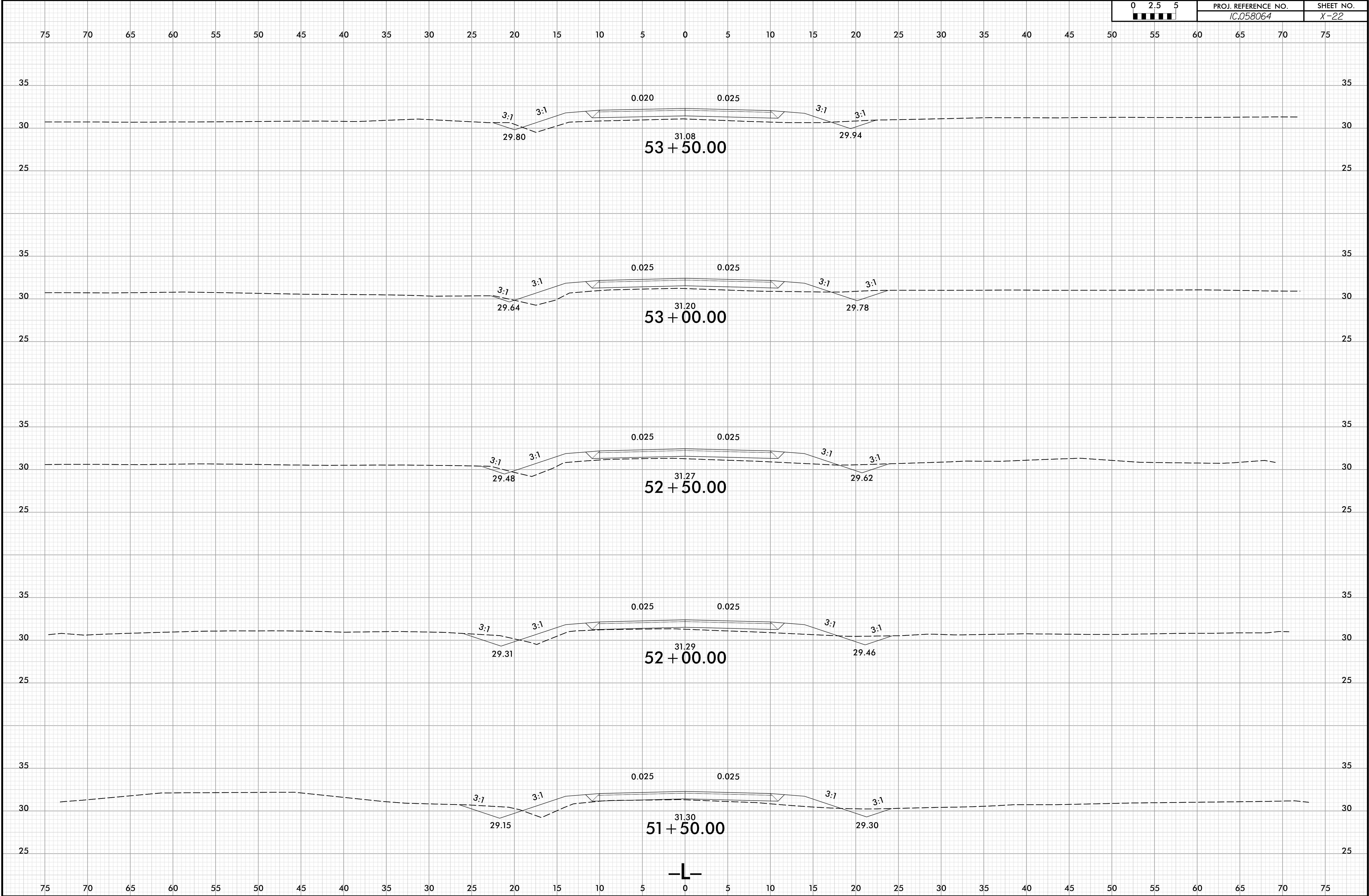
8/23/99

PROJ. REFERENCE NO.			SHEET NO.	
1C.058064			X-21	



8/23/99

02.55 0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	1C.058064	X-22



8/23/99

02.55	PROJ. REFERENCE NO.	SHEET NO.
	1C.058064	X-23

