SUP

PROJECT ID: 8368-00-70

WITH: N/A

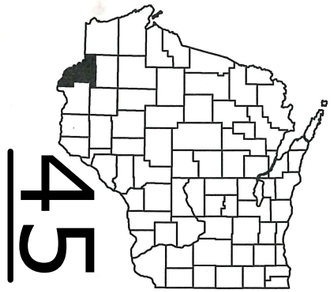
COUNTY: BURNETT

DECEMBER 2026

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
~~Section No.~~	~~4~~	~~Right of Way Plat~~
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
~~Section No.~~	~~8~~	~~Structure Plans~~
~~Section No.~~	~~9~~	~~Computer Earthwork Data~~
Section No.	9	Cross Sections

TOTAL SHEETS = 168



45

N

DESIGN DESIGNATION 8368-00-00

A.A.D.T.	2027	=	290
A.A.D.T.	2047	=	300
D.H.V.		=	N/A
D.D.		=	50/50
T.		=	10% MAX
DESIGN SPEED		=	25 MPH (URBAN) & 40 MPH (RURAL)
ESALS		=	52,000

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

WEBSTER - HERTEL

STH 35 TO GASLYN ROAD

CTH X

BURNETT COUNTY

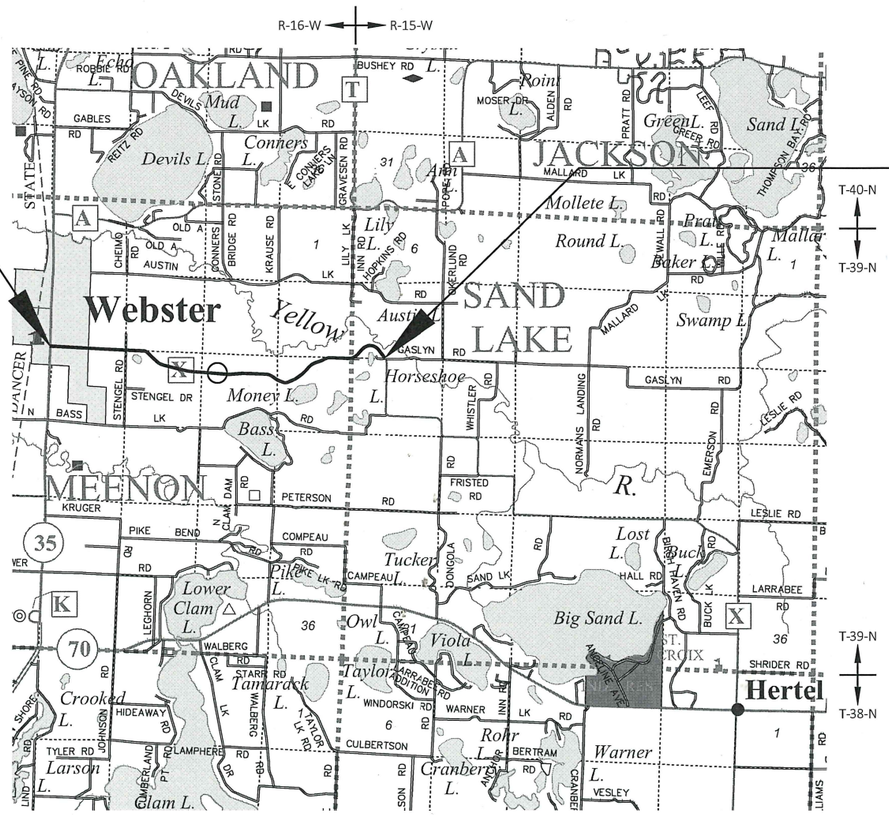
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
8368-00-70	WISC 2027089	1

STATE PROJECT NUMBER

8368-00-70

BEGIN PROJECT
STA 11+22.34
Y = 186,116.03
X = 233,753.19

END PROJECT
STA 258+79.62
Y = 186,199.94
X = 256,827.10



LAYOUT

SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 4.689 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), BURNETT COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 18.

CONVENTIONAL SYMBOLS

PLAN		PROFILE		UTILITIES	
CORPORATE LIMITS		GRADE LINE		ELECTRIC	E
PROPERTY LINE		ORIGINAL GROUND		FIBER OPTIC	FO
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK	GAS	G
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL	SANITARY SEWER	SAN
EXISTING RIGHT OF WAY		GRADE ELEVATION	935.36	STORM SEWER	SS
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)		TELEPHONE	T
SLOPE INTERCEPT				WATER	W
REFERENCE LINE	300'EB'			UTILITY PEDESTAL	
EXISTING CULVERT				POWER POLE	
PROPOSED CULVERT (Box or Pipe)				TELEPHONE POLE	
COMBUSTIBLE FLUIDS	CAUTION				
MARSH AREA					
WOODED OR SHRUB AREA					

ACCEPTED FOR

BURNETT COUNTY

Date 7-29-2026 (Signature and Title of Official)

ORIGINAL PLANS PREPARED BY

COOPER ENGINEERING

WISCONSIN JACOB A. FRIBERG E-43328 RICE LAKE WI PROFESSIONAL ENGINEER

DATE: 7/28/2026 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	COOPER ENGINEERING
Designer	COOPER ENGINEERING
Project Manager	TOU YANG, P.E.
Regional Examiner	NW REGION
Regional Supervisor	TOU YANG, P.E.

APPROVED FOR THE DEPARTMENT

DATE: Digitally signed by Tou X. Yang Date: 2026.07.29 12:51:53-05'00' (Signature)

E

LIST OF STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRES
AGG	AGGREGATE
AH	AHEAD
ADT	AVERAGE DAILY TRAFFIC
AVG.	AVERAGE
ASPH	ASPHALTIC
BK.	BACK
BM	BENCHMARK
△	CENTRAL ANGLE OR DELTA
℄ , C/L	CENTERLINE
C & G	CURB AND GUTTER
CABC	CRUSHED AGGREGATE BASE COURSE
CONC.	CONCRETE
COR	CORNER
CORR	CORRUGATED
CSCP	CORRUGATED STEEL CULVERT PIPE
CSPA	CORRUGATED STEEL PIPE ARCH
CTH	COUNTY TRUNK HIGHWAY
CP.	CULVERT PIPE
CY	CUBIC YARD
CWT.	HUNDREDWEIGHT
DIA	DIAMETER
D	DEGREE OF CURVE
DHV	DESIGN HOURLY VOLUME
DWY	DRIVEWAY
EBS	EXC. BELOW SUB GRADE
ELEV., EL	ELEVATION
ELEC.	ELECTRIC
EXC	EXCAVATION
EXIST	EXISTING
E	EAST
FE	FIELD ENTRANCE
FF.	FACE TO FACE
FL, F/L	FLOW LINE
FS	FULL SUPERELEVATION
G	GARAGE
GN	GRID NORTH
H	HOUSE
HYD	HYDRANT
I	INTERSECTION ANGLE
INTERS	INTERSECTION
INV.	INVERT
IP	IRON PIN OR PIPE
LC	LONG CHORD OF CURVE
LF	LINEAR FOOT
LHF	LEFT HAND FORWARD
L	LENGTH OF CURVE
LT.	LEFT
LS	LUMP SUM
MH	MANHOLE
N	NORTH
NC	NORMAL CROWN
PAVT	PAVEMENT
PC	POINT OF CURVATURE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PP	POWER POLE
PT	POINT OF TANGENCY
R	RANGE , RADIUS
RCCP	REINFORCED CONCRETE CULVERT PIPE
RD	ROAD
REBAR	REINFORCEMENT BAR
REQD	REQUIRED
RDWY	ROADWAY
RHF	RIGHT HAND FORWARD
RL, R/L	REFERENCE LINE
RR	RAILROAD
RT.	RIGHT
R/W	RIGHT-OF-WAY
S	SOUTH
SAN S	SANITARY SEWER
SDD	STANDARD DETAIL DRAWING
SE	SUPER ELEVATION
SF.	SQUARE FEET
SHLDR	SHOULDER
SPECS	SPECIFICATIONS
SQ.	SQUARE
SS.	STORM SEWER
SY.	SQUARE YARD
STH	STATE TRUNK HIGHWAY
ST.	STREET
STA.	STATION
SW	SIDEWALK
T	TANGENT
TC	TOP OF CURB
TL , T/L	TRANSIT LINE
TEL	TELEPHONE
TEMP	TEMPORARY
TLE	TEMPORARY LIMITED EASEMENT
TYP	TYPICAL
USH	UNITED STATES HIGHWAY
UG	UNDERGROUND
V	DESIGN SPEED
VAR.	VARIABLE
VERT	VERTICAL
YD	YARD

UTILITY CONTACTS

COMMUNICATIONS

BRIGHTSPEED
MICHAEL COUGHLIN
1409 JOHN AVENUE
SUPERIOR, WI 54880
PHONE: (980) 376-1865
EMAIL: michael.coughlin@brightspeed.com

ELECTRIC

NORTHWESTERN WI ELECTRIC CO
BILL COOPER
104 SOUTH PINE STREET, P.O. BOX 9
GRANTSBURG, WI 54840
PHONE: (715) 463-1977
EMAIL: billcooper@nweco.com

ELECTRIC

POLK BURNETT ELECTRIC COOP
JASON EVENSON
1001 STATE ROAD 35
CENTURIA, WI 54824
PHONE: (715) 646-2191 EXT 322
EMAIL: jevenson@polkburnett.com

COMMUNICATIONS

SIREN TELEPHONE
KENT BASSETT
7723 W MAIN STREET
SIREN, WI 54872
PHONE: (715) 349-2224
EMAIL: k.basset@sirentel.com

COMMUNICATIONS

STARWIRE TECHNOLOGIES
JOE CREMIN
24060 STATE ROAD 35, P.O. BOX 428
SIREN, WI 54872
PHONE: (877) 679-4242
EMAIL: joe@starwire.net

WATER & SEWER

VILLAGE OF WEBSTER
PETER DENN
7505 MAIN STREET WEST
WEBSTER, WI 54893
PHONE: (715) 566-2522
EMAIL: websterpublicworks@gmail.com

NATURAL GAS

WE ENERGIES
STEVEN CHAVERS
104 W SOUTH STREET
RICE LAKE, WI 54868
PHONE: (715) 234-9605
EMAIL: steven.chavers@we-energies.com
EMERGENCY DISPATCH: 1-800-261-5325

ALL UTILITIES LISTED ARE MEMBERS OF DIGGERS HOTLINE

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

GENERAL NOTES:

NO TREES OR SHRUBS SHALL BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE BEEN DESIGNATED FOR REMOVAL BY THE ENGINEER.

THE LOCATION OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

PAVEMENT MARKING SHALL MEET MUTCD STANDARDS.

APPROXIMATE EXISTING RIGHT OF WAY IS SHOWN FROM AVAILABLE GIS INFORMATION. WHERE GIS RIGHT OF WAY INFORMATION IS UNAVAILABLE, PRESUMED R/W IS SHOWN 33 FT FROM THE EXISTING ROADWAY CENTERLINE.

OTHER CONTACTS

DESIGN CONSULTANT

JACOB FRIBERG
COOPERENGINEERING
2600 COLLEGE DRIVE
RICE LAKE, WI 54868
PHONE: 715-734-7008
EMAIL: jfriberg@cooperengineering.net

BURNETT COUNTY

JEREMY BURTON
HIGHWAY COMMISSIONER
8150 STATE ROAD 70
SIREN, WI 54872
PHONE: 715-349-2285 EXT. 2831
EMAIL: Jeremy.Burton@BurnettCountyWI.gov

WDNR REGIONAL CONTACT

ELSA IMPOLA
WDNR/WISDOT LIASON
810 W MAPLE ST
SPOONER, WI 54801
PHONE: 715-520-6528
EMAIL: Elsag.Impola@wisconsin.gov

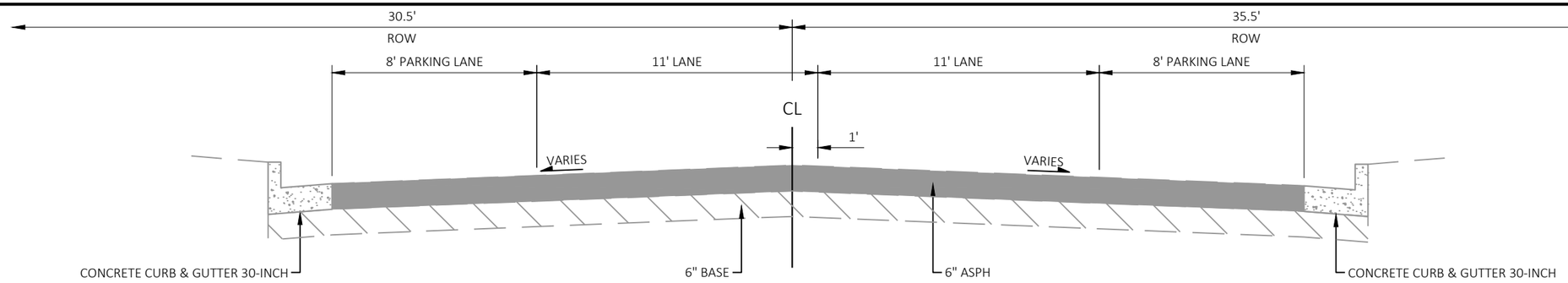
WISDOT NW REGIONAL CONTACT

TOU YANG
NORTHWEST REGION PDS SUPERVISOR
718 W CLAIREMOND AVENUE
EAU CLAIRE, WI 54701
PHONE: 715-833-5570
EMAIL: Tou.Yang@dot.wi.gov

RUNOFF COEFFICIENT TABLE

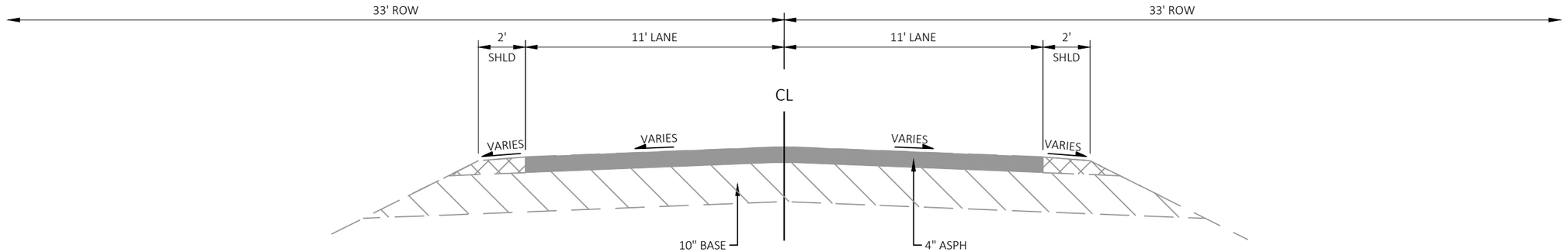
	HYDROLOGIC SOIL GROUP								
	A			B			C		
	SLOPE RANGE (%)			SLOPE RANGE (%)			SLOPE RANGE (%)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36
PAVEMENT:									
ASPHALT	.70 - .95								
CONCRETE	.80 - .95								
BRICK	.70 - .80								
DRIVES, WALKS	.75 - .85								
ROOFS	.75 - .95								
GRAVEL ROADS, SHOULDERS	.40 - .60								

TOTAL PROJECT AREA = 37.51 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 3.75 ACRES



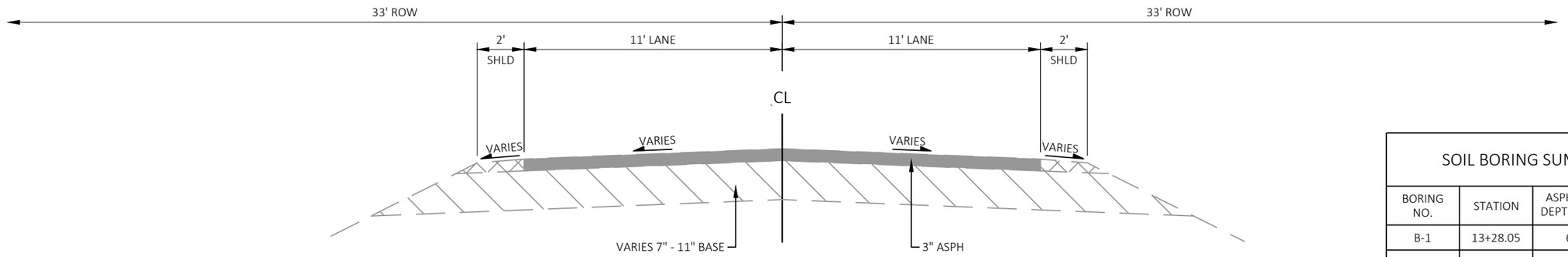
EXISTING URBAN SECTION CTH X

STA 11+22 - 18+77



EXISTING TRANSITIONAL SECTION CTH X

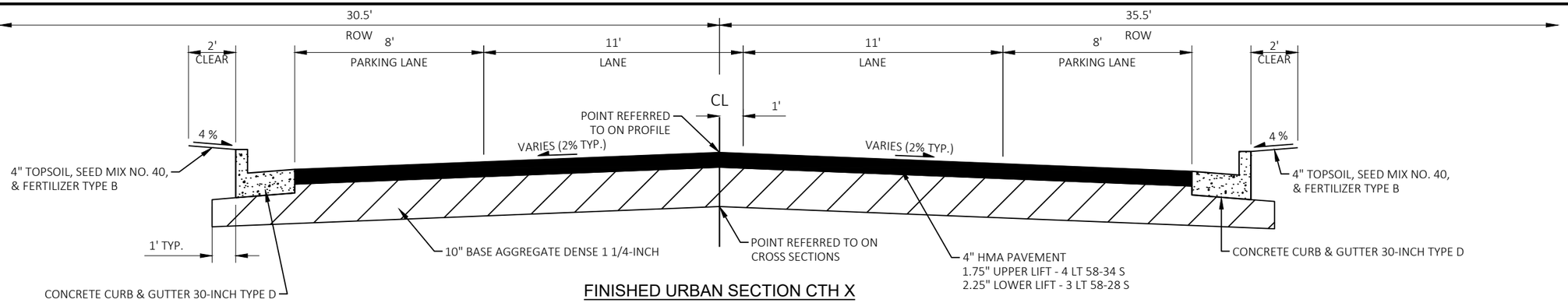
STA 18+77 - 35+95



EXISTING RURAL SECTION CTH X

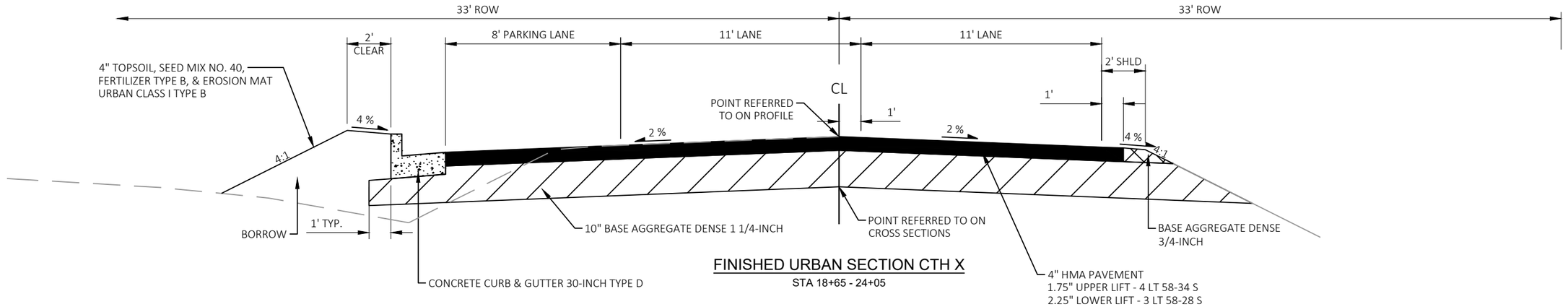
STA 35+95 - 258+80

SOIL BORING SUMMARY			
BORING NO.	STATION	ASPHALT DEPTH (IN)	BASE DEPTH (IN)
B-1	13+28.05	6	6
B-2	27+80.32	4	10
B-3	99+13.41	3	9
B-4	168+21.79	3	7
B-5	223+99.71	3	11



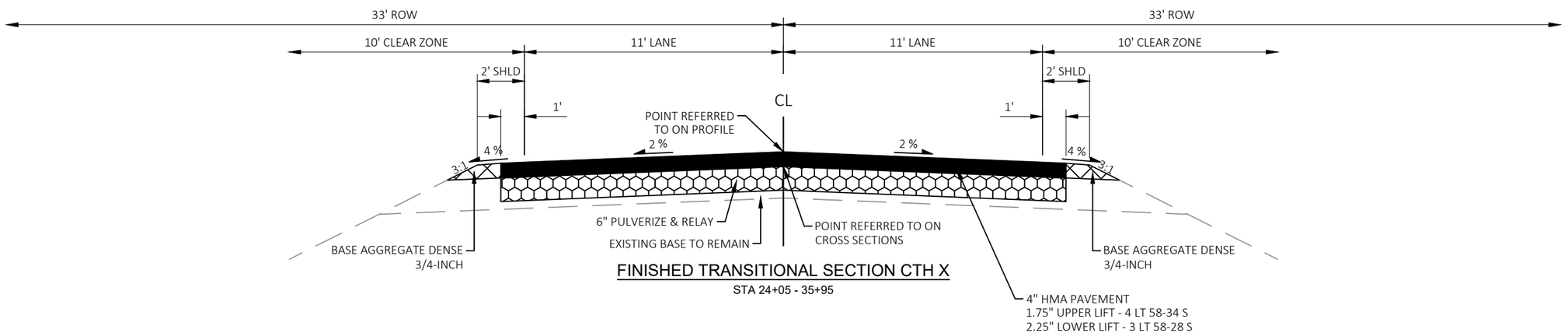
FINISHED URBAN SECTION CTH X

STA 11+22 - 18+65



FINISHED URBAN SECTION CTH X

STA 18+65 - 24+05



FINISHED TRANSITIONAL SECTION CTH X

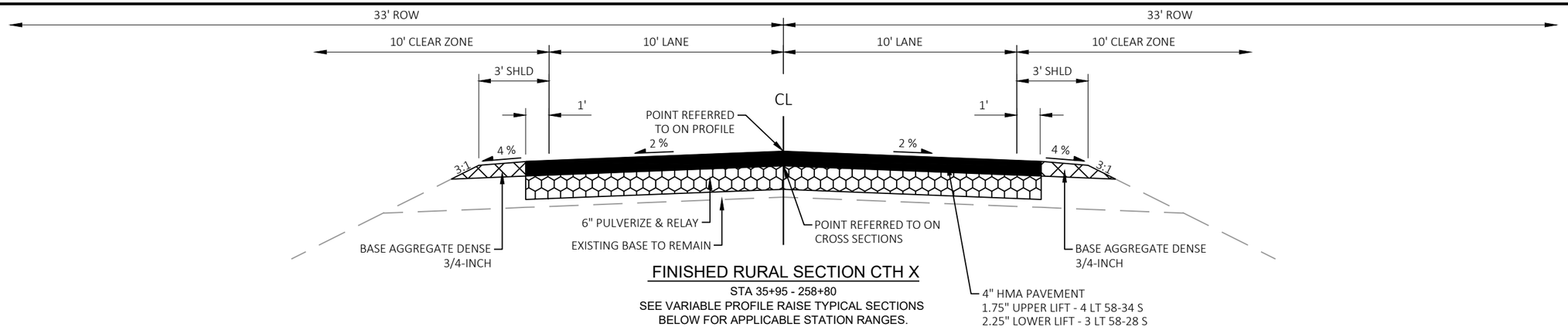
STA 24+05 - 35+95

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	TYPICAL SECTIONS	SHEET 4	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\020301-TS.DWG
LAYOUT NAME - FINISHED 02-5ft

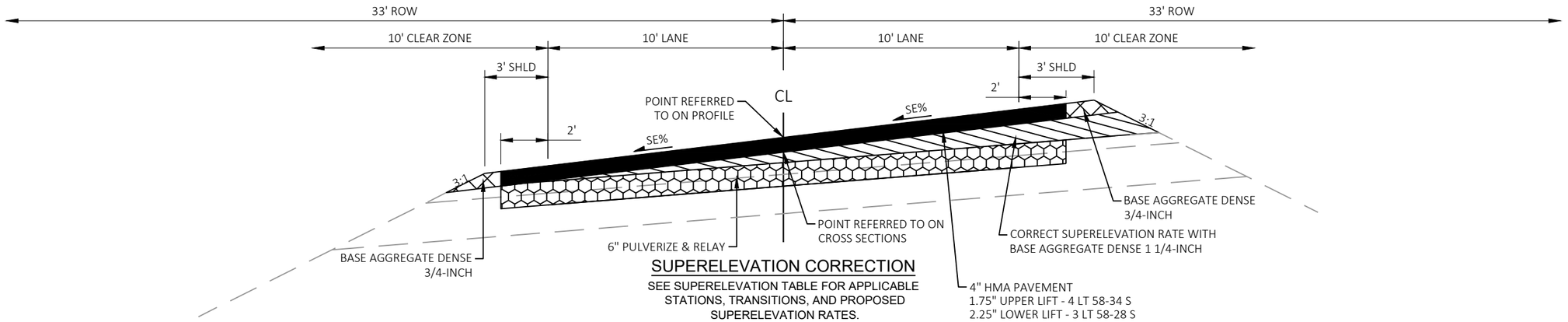
PLOT DATE : 10/20/2026 3:04 PM PLOT BY : JACOB FRIBERG PLOT NAME : PLOT SCALE : 1 IN:5 FT

WISDOT/CADDS SHEET 42



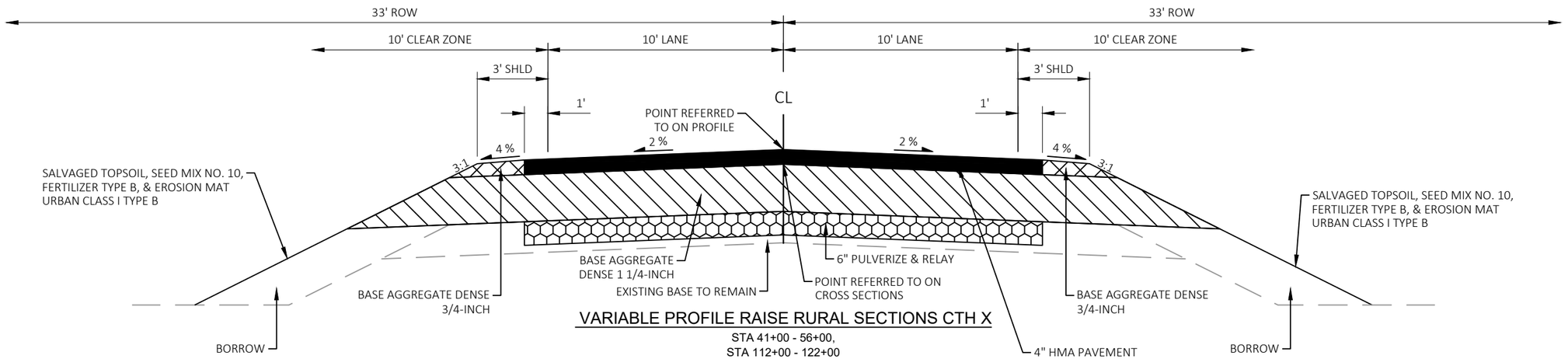
FINISHED RURAL SECTION CTH X

STA 35+95 - 258+80
SEE VARIABLE PROFILE RAISE TYPICAL SECTIONS BELOW FOR APPLICABLE STATION RANGES.



SUPERELEVATION CORRECTION

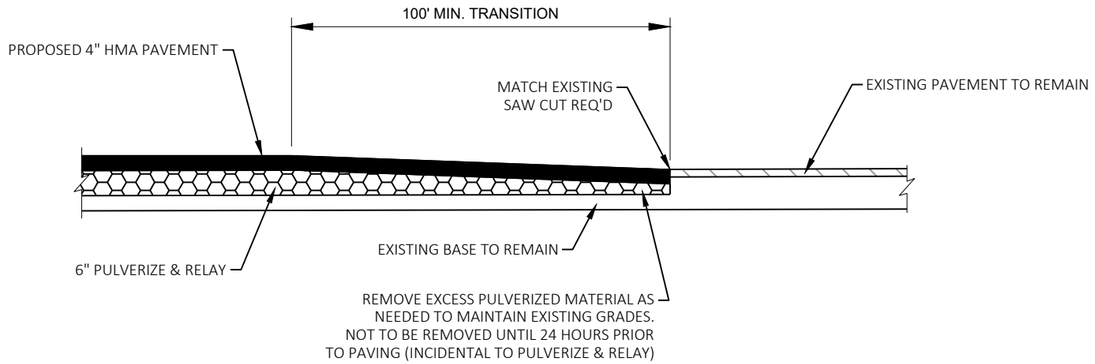
SEE SUPERELEVATION TABLE FOR APPLICABLE STATIONS, TRANSITIONS, AND PROPOSED SUPERELEVATION RATES.



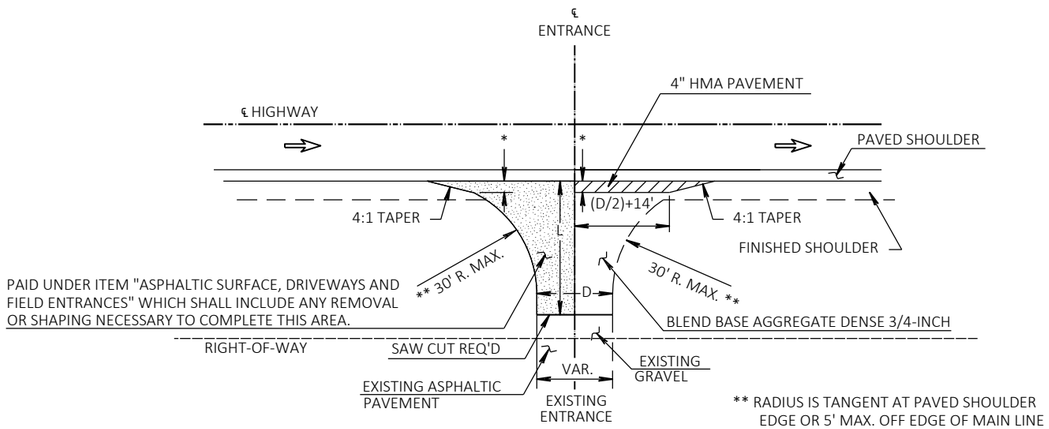
VARIABLE PROFILE RAISE RURAL SECTIONS CTH X

STA 41+00 - 56+00,
STA 112+00 - 122+00
STA 125+00 - 141+00
STA 164+00 - 172+00
STA 216+00 - 229+00

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	TYPICAL SECTIONS	SHEET 5	E



TRANSITION DETAIL
STA 257+80.38 - 258+80.38



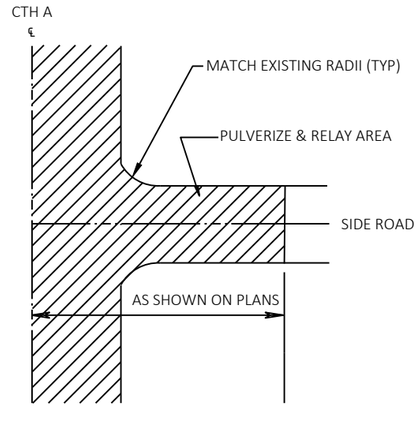
L=5' TYPICAL, EXACT LENGTH TO BE DETERMINED
IN THE FIELD BY THE ENGINEER.
BLEND BACK ON THE ENTRANCE FAR
ENOUGH TO GET A SMOOTH PROFILE.

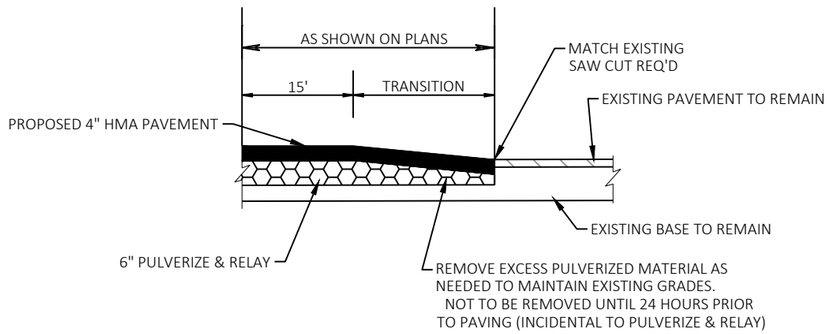
D=DRIVEWAY WIDTH (MATCH EXISTING SURFACE MATERIAL DEPTH AND WIDTH)

** RADIUS IS TANGENT AT PAVED SHOULDER
EDGE OR 5' MAX. OFF EDGE OF MAIN LINE
PAVEMENT WHICH EVER IS LESS.

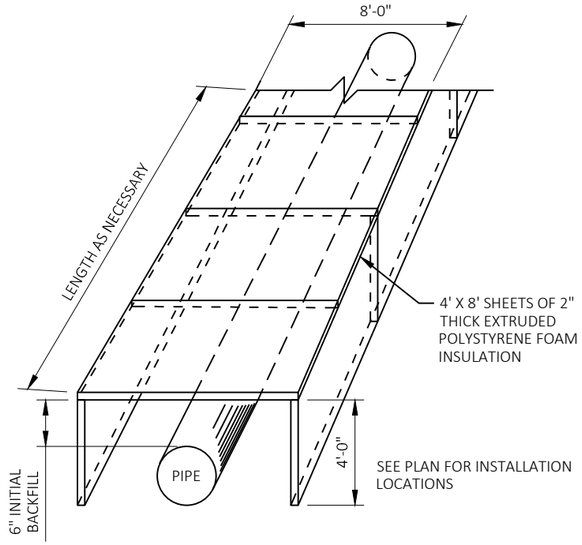
* 3' MAX. OR TO FINISHED SHOULDER
WHICH EVER IS LESS.

RURAL DRIVEWAY DETAIL

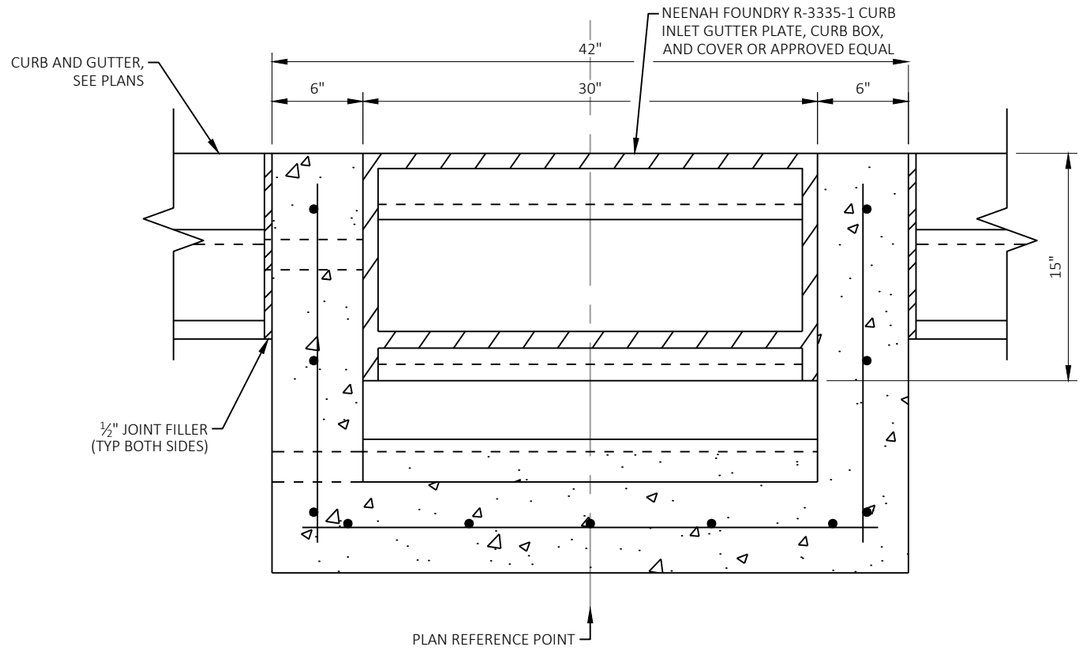




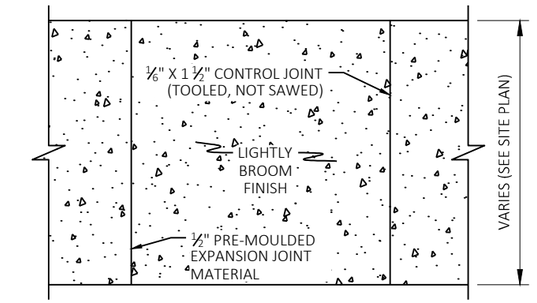
SIDE ROAD DETAIL



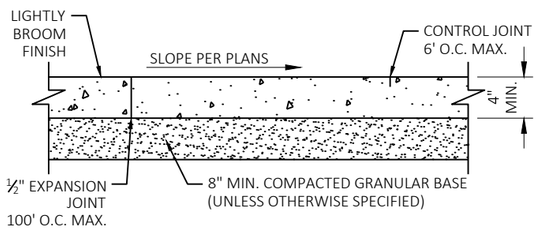
SHALLOW PIPE INSULATION BOARD
NTS



INLETS SPECIAL 32X42-IN - FRONT VIEW
NTS

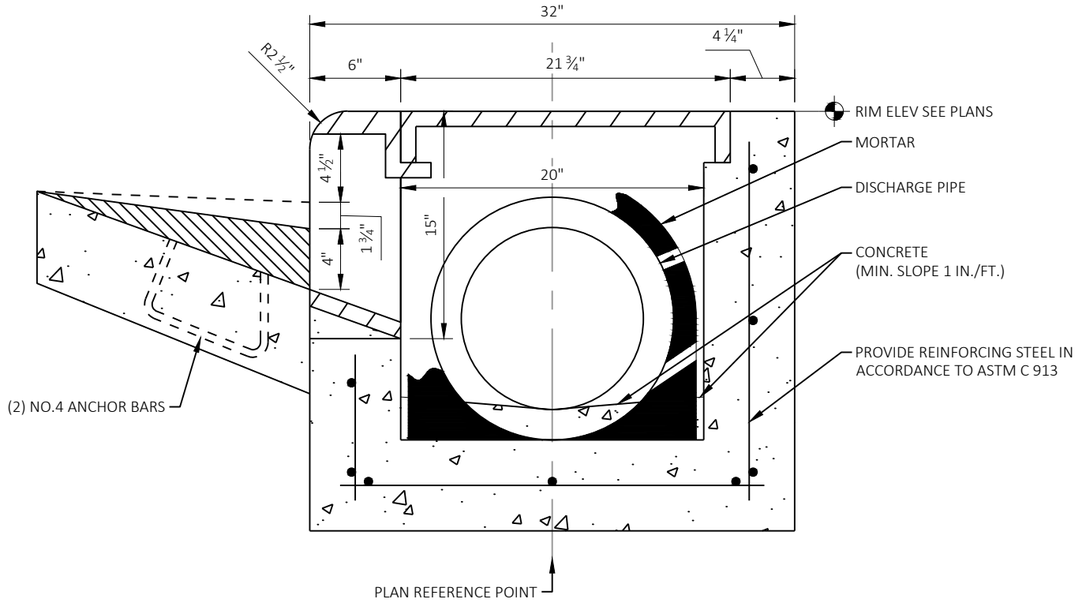


PLAN VIEW



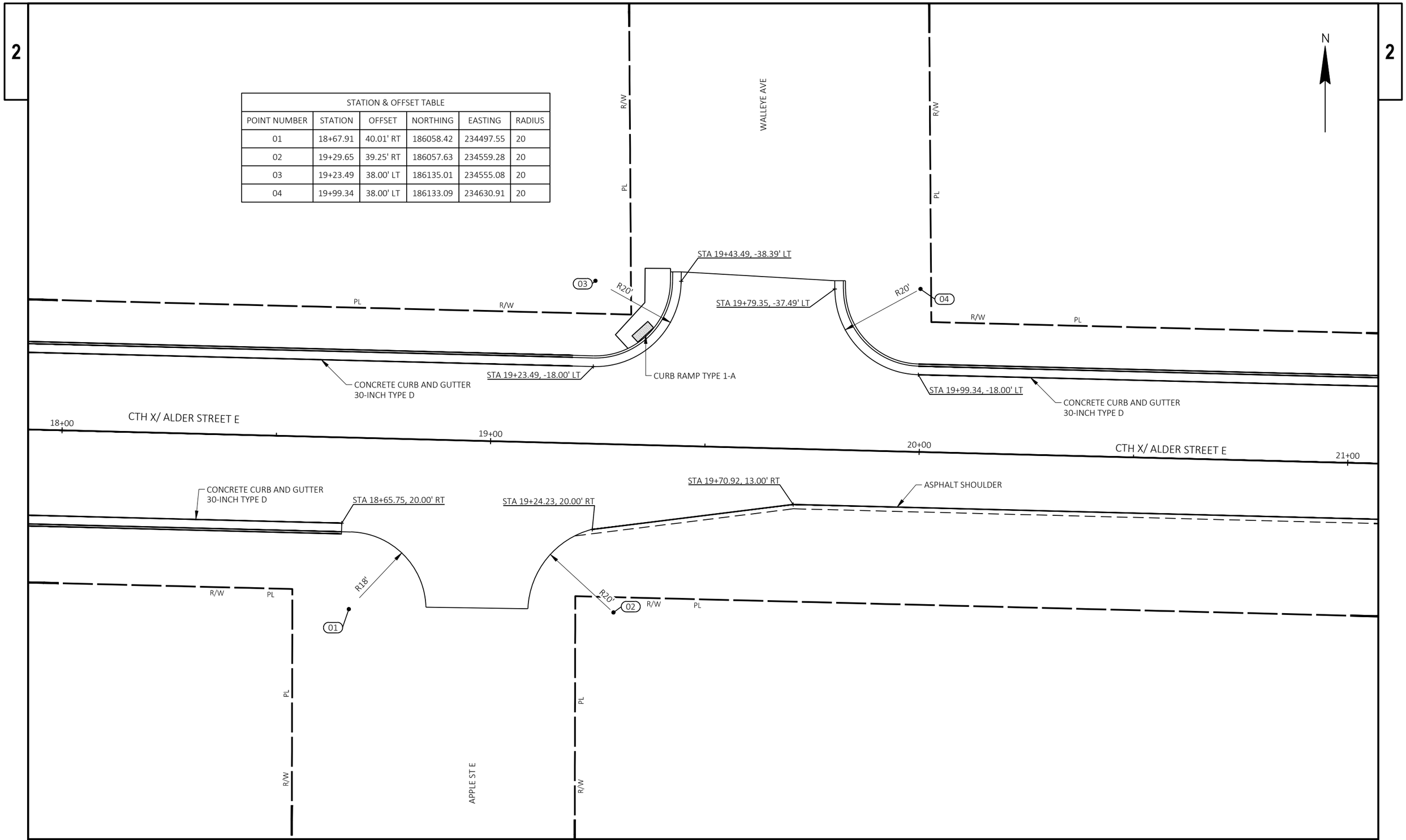
SECTION VIEW

SIDEWALK
NTS



INLETS SPECIAL 32X42-IN - SIDE VIEW
NTS

STATION & OFFSET TABLE					
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING	RADIUS
01	18+67.91	40.01' RT	186058.42	234497.55	20
02	19+29.65	39.25' RT	186057.63	234559.28	20
03	19+23.49	38.00' LT	186135.01	234555.08	20
04	19+99.34	38.00' LT	186133.09	234630.91	20



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	INTERSECTION DETAILS	SHEET 8	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\021101-ID.DWG
LAYOUT NAME - Plan 1 IN 20 FT

PLOT DATE : 7/29/2026 1:46 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

N

STATION & OFFSET TABLE					
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING	RADIUS
10	23+40.55	38.50' LT	186125.30	234971.30	20.5
11	24+22.39	41.42' LT	186127.17	235054.05	30

PERCH AVE

R/W

PL

10

R20.50'

STA 23+60.95, -36.52' LT

CONCRETE CURB AND GUTTER
30-INCH TYPE D

STA 23+40.31, -18.00' LT

CONCRETE CURB AND GUTTER
30-INCH TYPE D

R30'

11

STA 24+03.63, -18.01' LT

STA 24+43.70, -12.00' LT

ASPHALT SHOULDER

CTH X/ ALDER STREET E

23+00

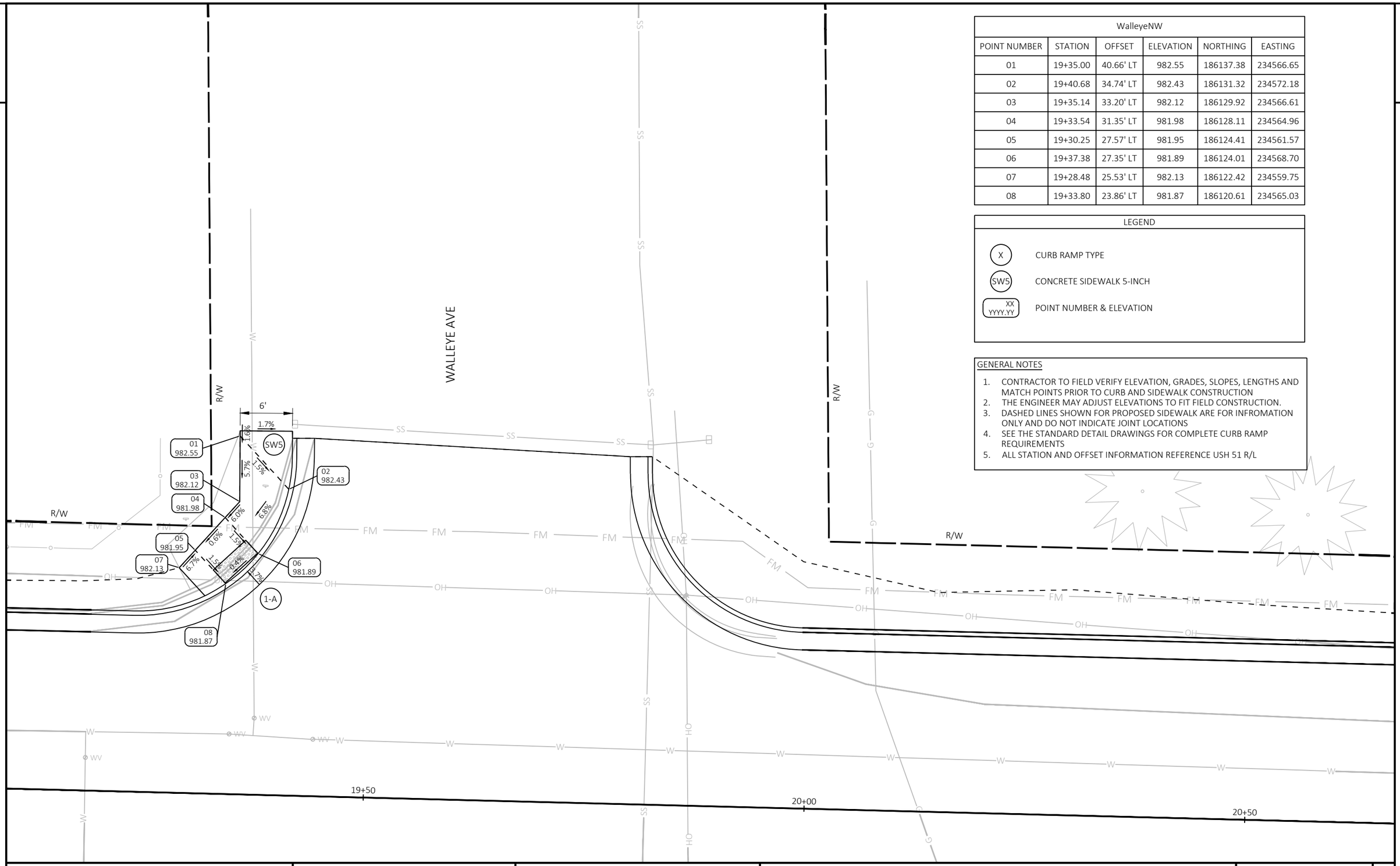
24+00

25+00

ASPHALT SHOULDER

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	INTERSECTION DETAILS	SHEET 9	E

2



WalleyeNW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
01	19+35.00	40.66' LT	982.55	186137.38	234566.65
02	19+40.68	34.74' LT	982.43	186131.32	234572.18
03	19+35.14	33.20' LT	982.12	186129.92	234566.61
04	19+33.54	31.35' LT	981.98	186128.11	234564.96
05	19+30.25	27.57' LT	981.95	186124.41	234561.57
06	19+37.38	27.35' LT	981.89	186124.01	234568.70
07	19+28.48	25.53' LT	982.13	186122.42	234559.75
08	19+33.80	23.86' LT	981.87	186120.61	234565.03

LEGEND

- (X) CURB RAMP TYPE
- (SW5) CONCRETE SIDEWALK 5-INCH
- (XX / YYYY.YY) POINT NUMBER & ELEVATION

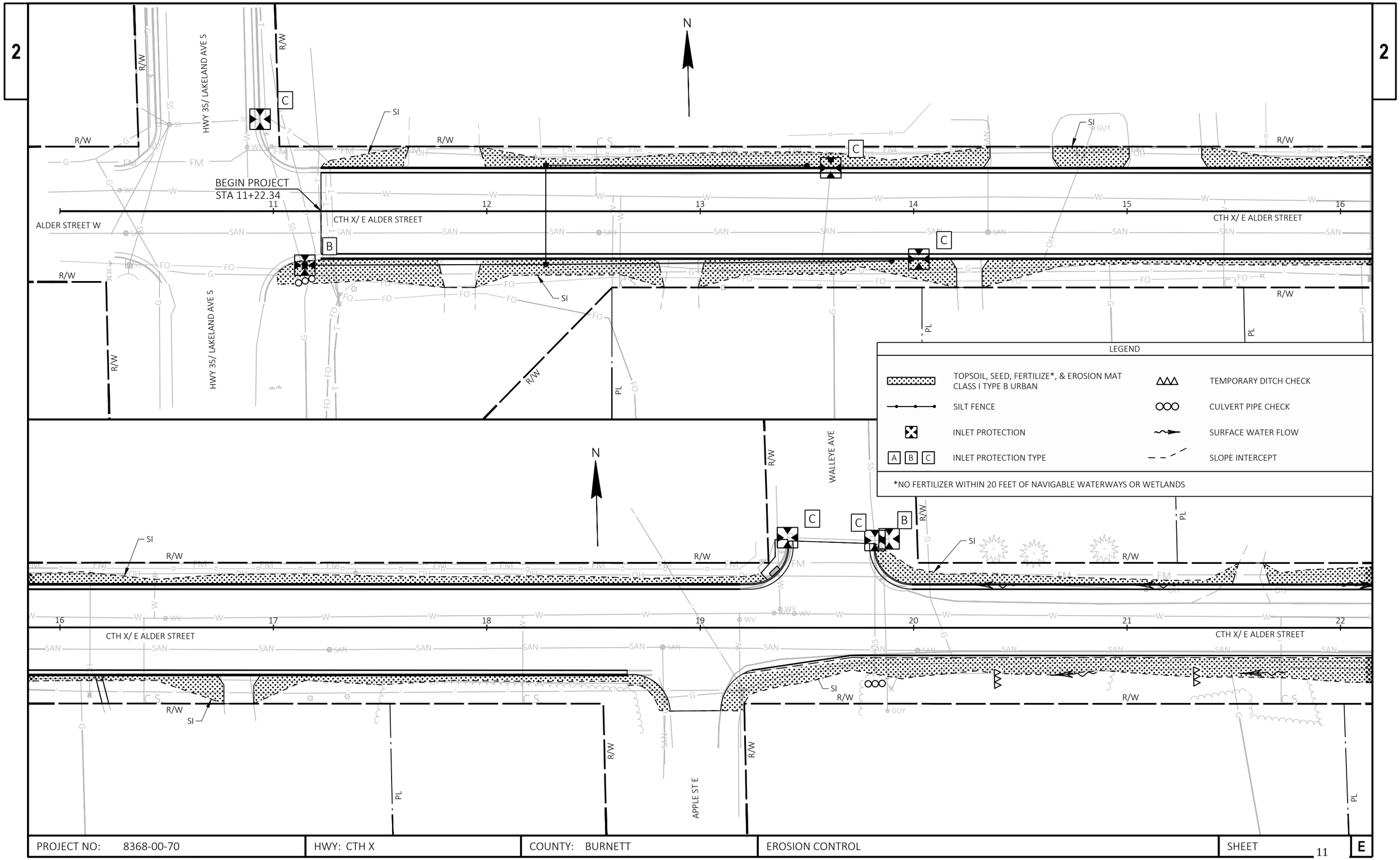
GENERAL NOTES

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFROMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
5. ALL STATION AND OFFSET INFORMATION REFERENCE USH 51 R/L

2

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CURB RAMP DETAILS	SHEET 10	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\023101-CR.DWG
LAYOUT NAME - Plan 1 IN 20 FT
PLOT DATE : 7/29/2026 1:46 PM
PLOT BY : NATHANAEL GATTEN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	EROSION CONTROL	SHEET 11	E

2

TO BE INSTALLED AT THE NEAREST DOWNSTREAM OFF-SITE INLETS. CONTRACTOR TO VERIFY EXACT LOCATIONS IN FIELD PRIOR TO ANY LAND DISTURBANCE.

PERCH AVE

END VARIABLE PROFILE RAISE
STA 24+05.00

CTH X/ E ALDER STREET

WETLAND BOUNDARY

SI

R/W

PL

22 23 24 25 26 27 28

N

CLIMBING TURTLE EXCLUSION FENCE

BEGIN VARIABLE PROFILE RAISE
STA 41+00.00

CTH X

40 41 42 43 44 45 46

LEGEND

TOPSOIL, SEED, FERTILIZE*, & EROSION MAT CLASS I TYPE B URBAN	TEMPORARY DITCH CHECK
SILT FENCE	CULVERT PIPE CHECK
INLET PROTECTION	SURFACE WATER FLOW
A B C INLET PROTECTION TYPE	SLOPE INTERCEPT

*NO FERTILIZER WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS

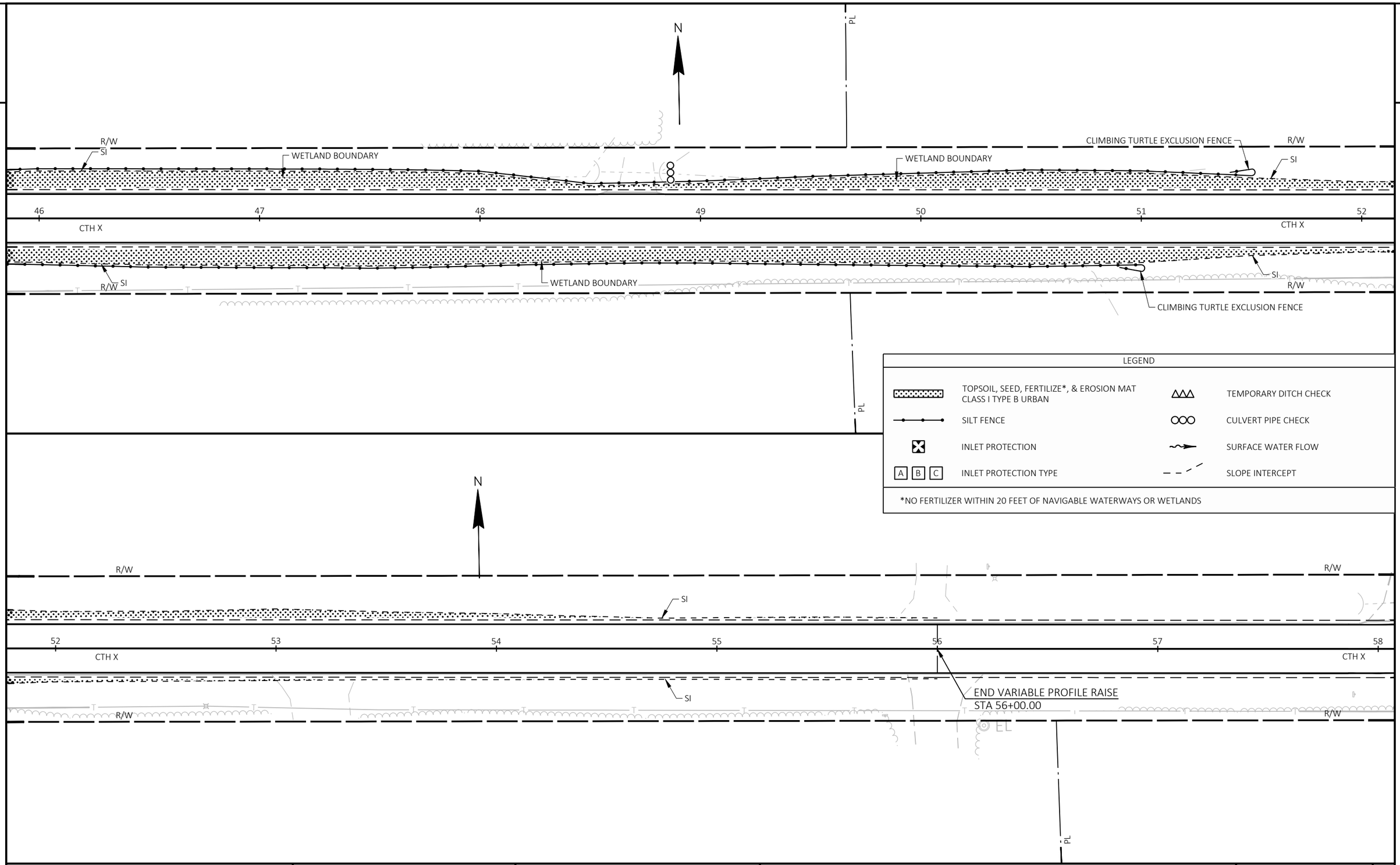
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	EROSION CONTROL	SHEET 12	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\022001-EC.DWG
LAYOUT NAME - ec2

PLOT DATE : 7/29/2026 2:25 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2



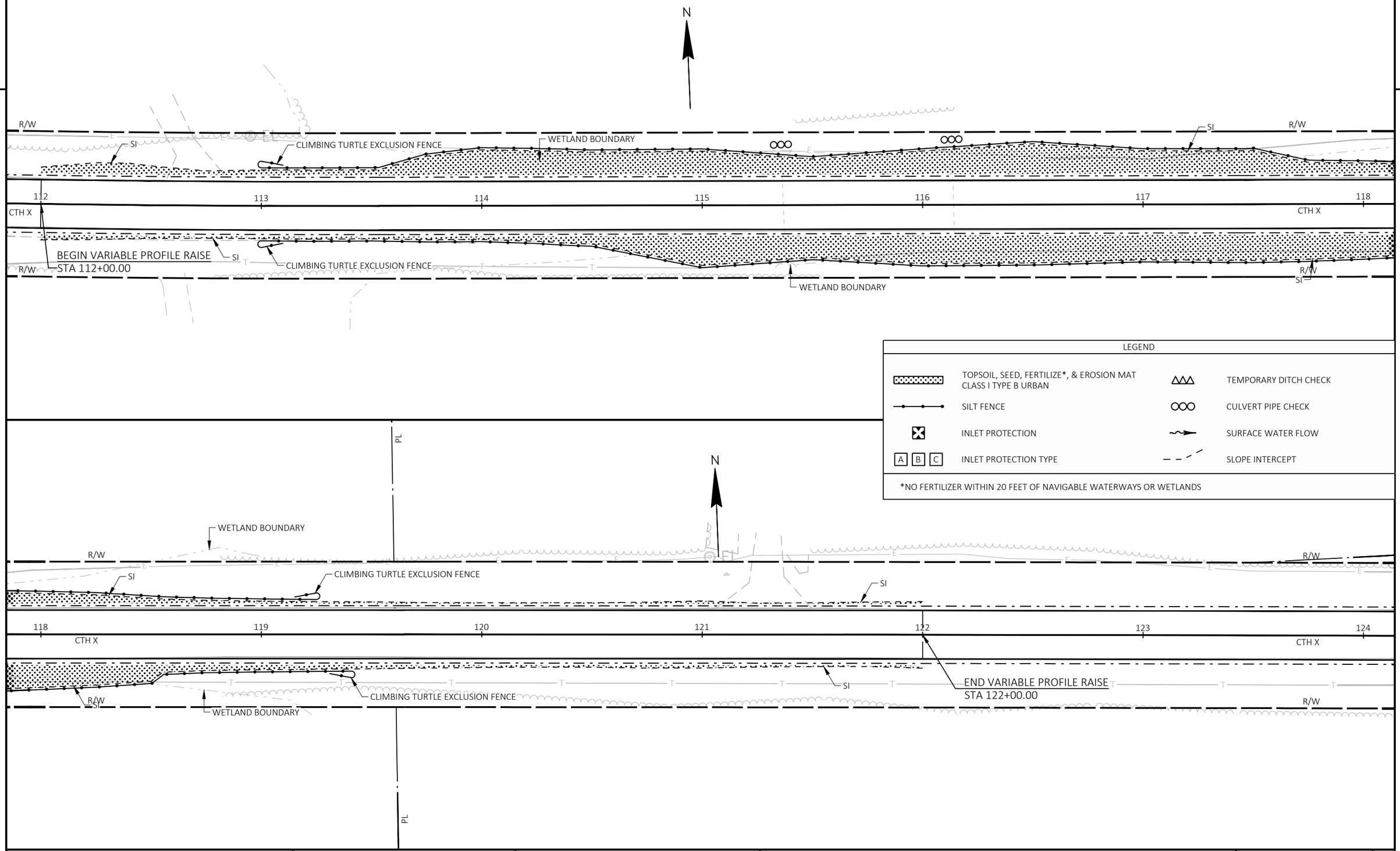
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FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\022001-EC.DWG
LAYOUT NAME - ec3

PLOT DATE : 7/29/2026 2:25 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2



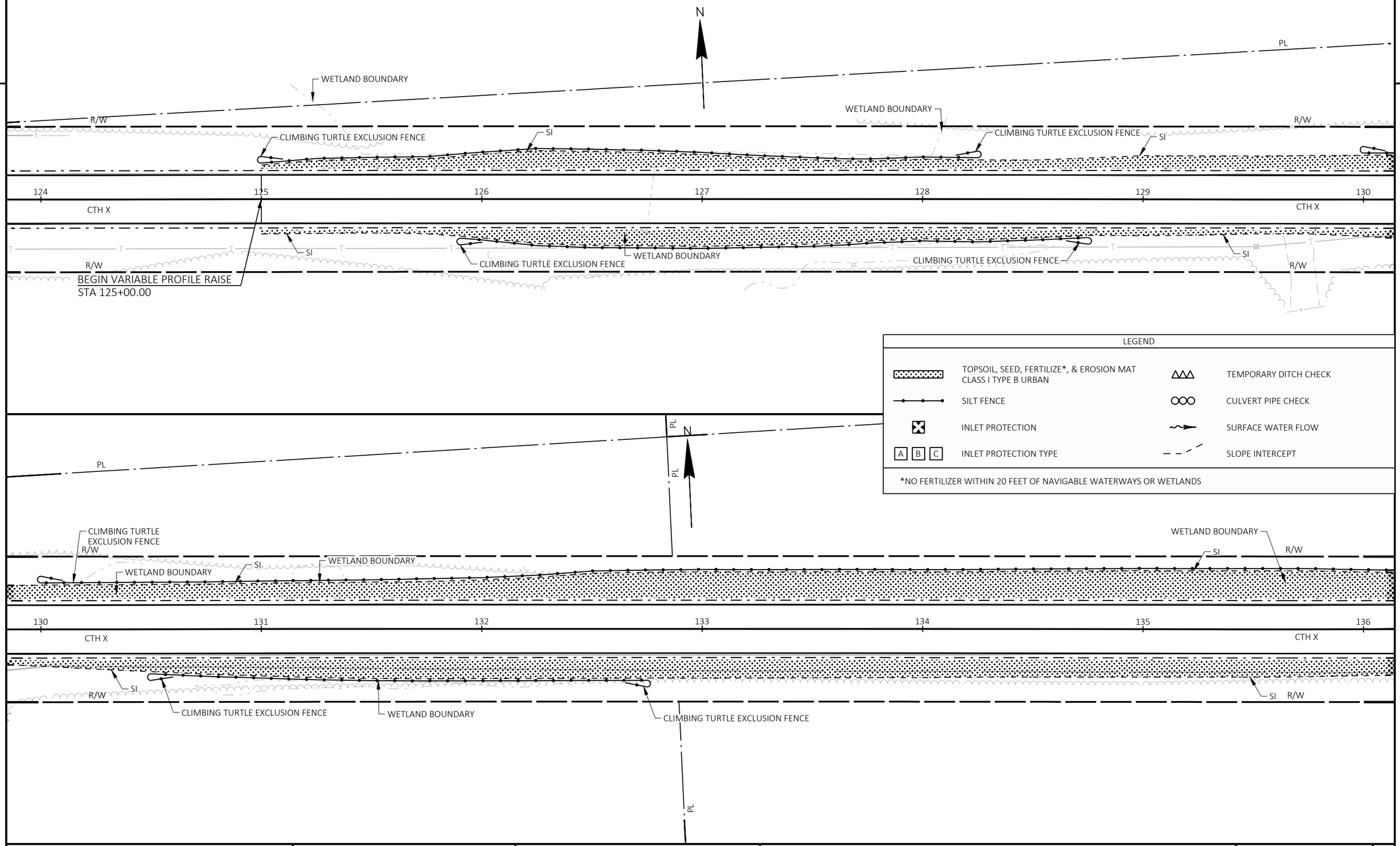
LEGEND

TOPSOIL, SEED, FERTILIZE*, & EROSION MAT CLASS I TYPE B URBAN	TEMPORARY DITCH CHECK
SILT FENCE	CULVERT PIPE CHECK
INLET PROTECTION	SURFACE WATER FLOW
A B C INLET PROTECTION TYPE	SLOPE INTERCEPT

*NO FERTILIZER WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	EROSION CONTROL	SHEET 14	E

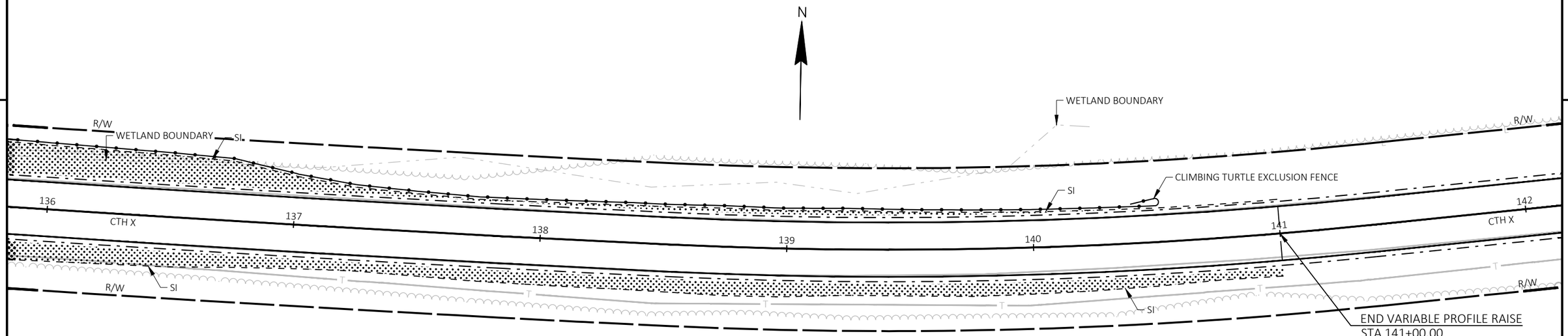
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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	EROSION CONTROL	SHEET 15	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\022001-EC.DWG
LAYOUT NAME - ec5

PLOT DATE : 7/29/2026 2:26 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

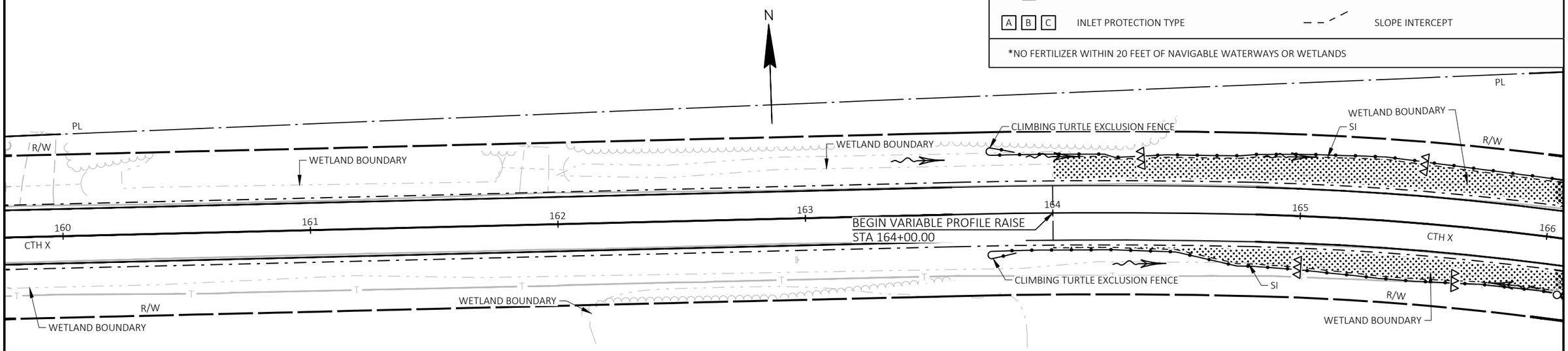


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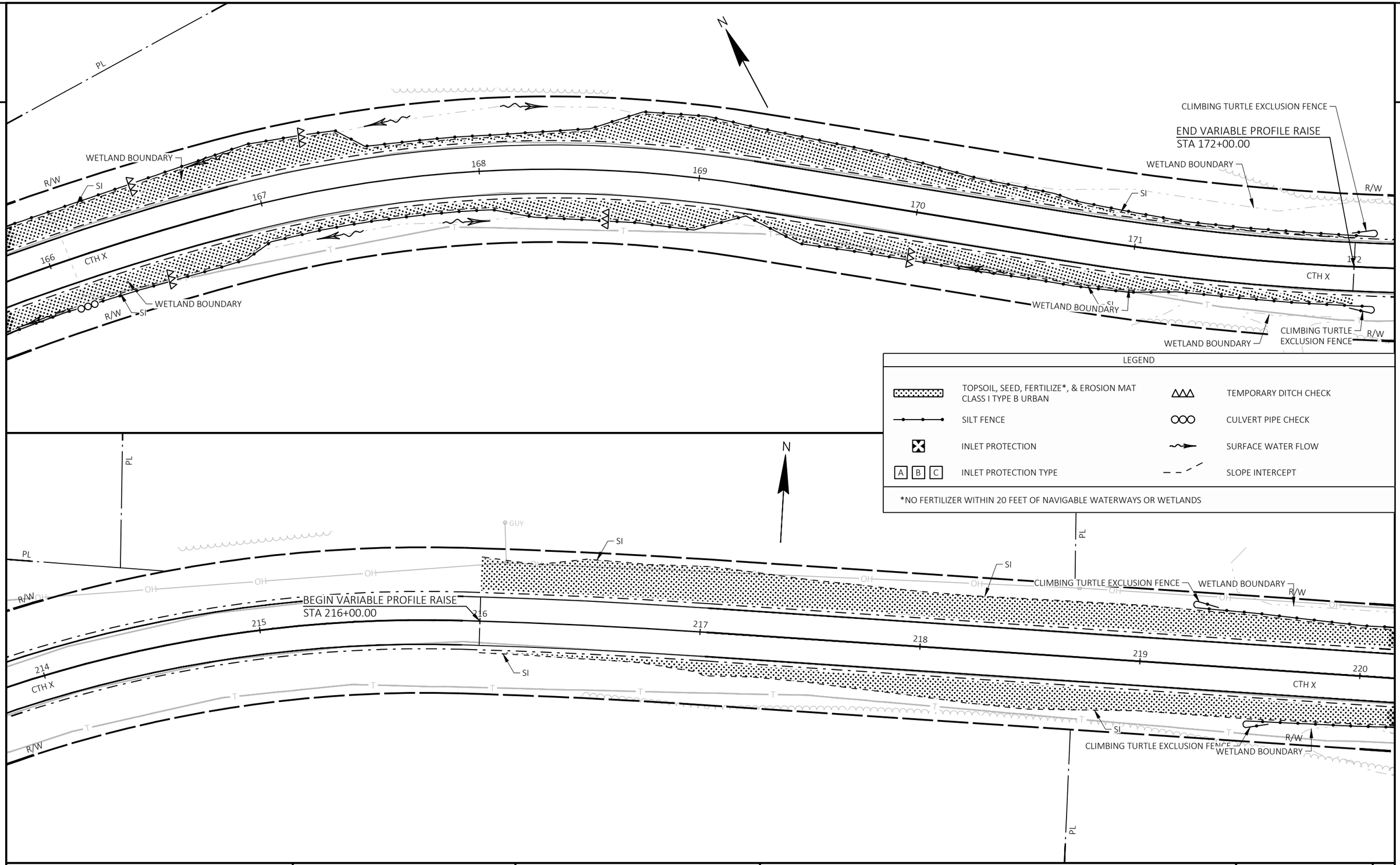
LEGEND

TOPSOIL, SEED, FERTILIZE*, & EROSION MAT CLASS I TYPE B URBAN	TEMPORARY DITCH CHECK
SILT FENCE	CULVERT PIPE CHECK
INLET PROTECTION	SURFACE WATER FLOW
A B C INLET PROTECTION TYPE	SLOPE INTERCEPT

*NO FERTILIZER WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	EROSION CONTROL	SHEET 16	E



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	EROSION CONTROL	SHEET 17	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\022001-EC.DWG
LAYOUT NAME - ec7
PLOT DATE : 7/29/2026 2:26 PM
PLOT BY : NATHANAEL GATTEN
PLOT NAME :
PLOT SCALE : ##########

2

N

R/W
SI
GUY
WETLAND BOUNDARY
R/W
SI
220
221
222
223
224
225
226
CTH X
CTH X
SI
SI
R/W
R/W
WETLAND BOUNDARY
WETLAND BOUNDARY

LEGEND

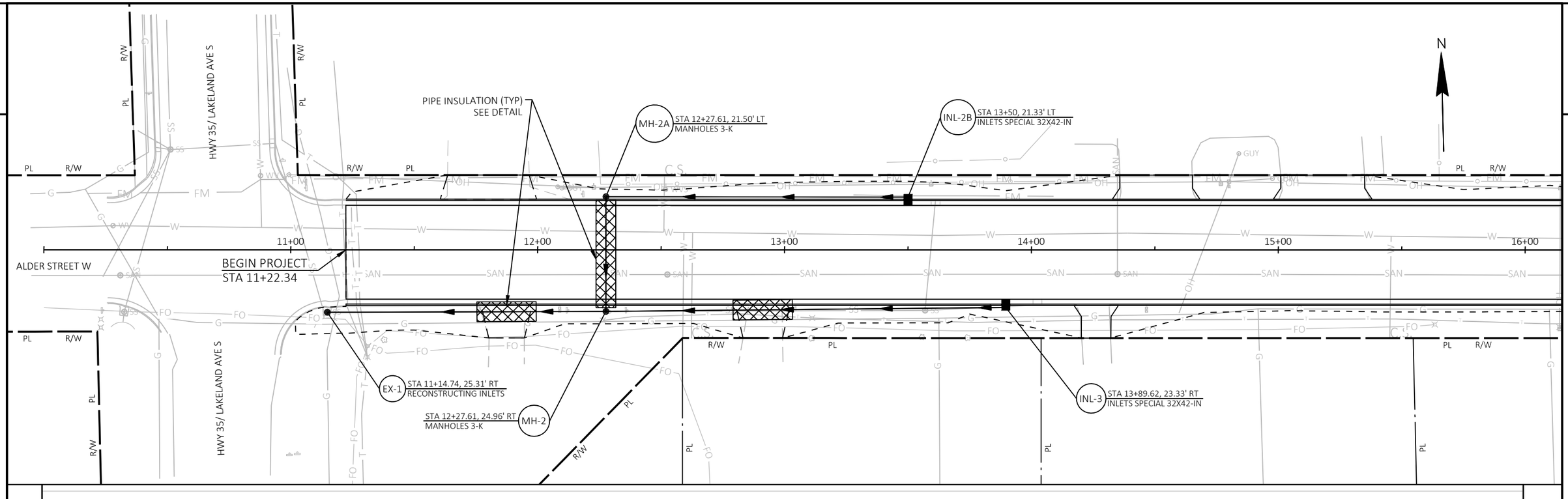
TOPSOIL, SEED, FERTILIZE*, & EROSION MAT CLASS I TYPE B URBAN	TEMPORARY DITCH CHECK
SILT FENCE	CULVERT PIPE CHECK
INLET PROTECTION	SURFACE WATER FLOW
A B C INLET PROTECTION TYPE	SLOPE INTERCEPT

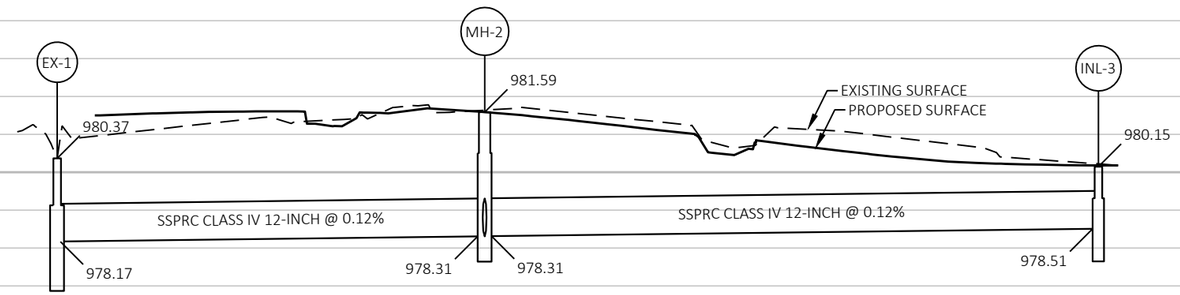
*NO FERTILIZER WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS

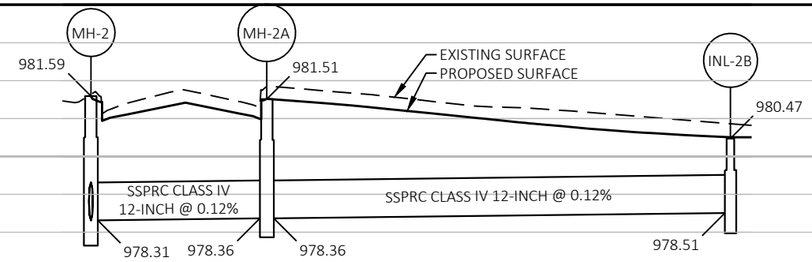
N

R/W
SI
WETLAND BOUNDARY
226
CTH X
227
228
229
230
231
232
CTH X
R/W
SI
R/W
WETLAND BOUNDARY
CLIMBING TURTLE EXCLUSION FENCE
END VARIABLE PROFILE RAISE
STA 229+00.00
CLIMBING TURTLE EXCLUSION FENCE
R/W
R/W
PL
PL

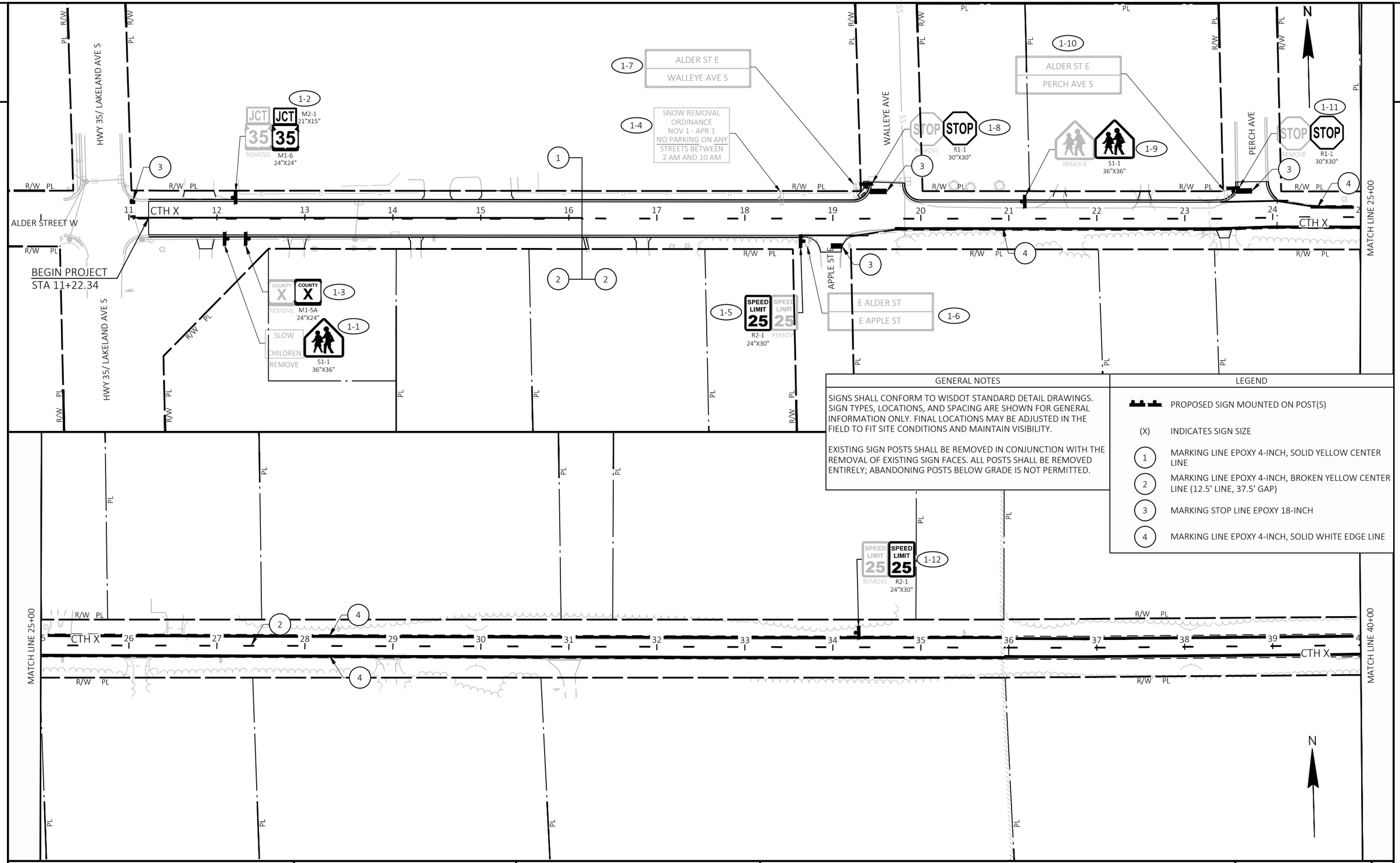
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	EROSION CONTROL	SHEET 18 E





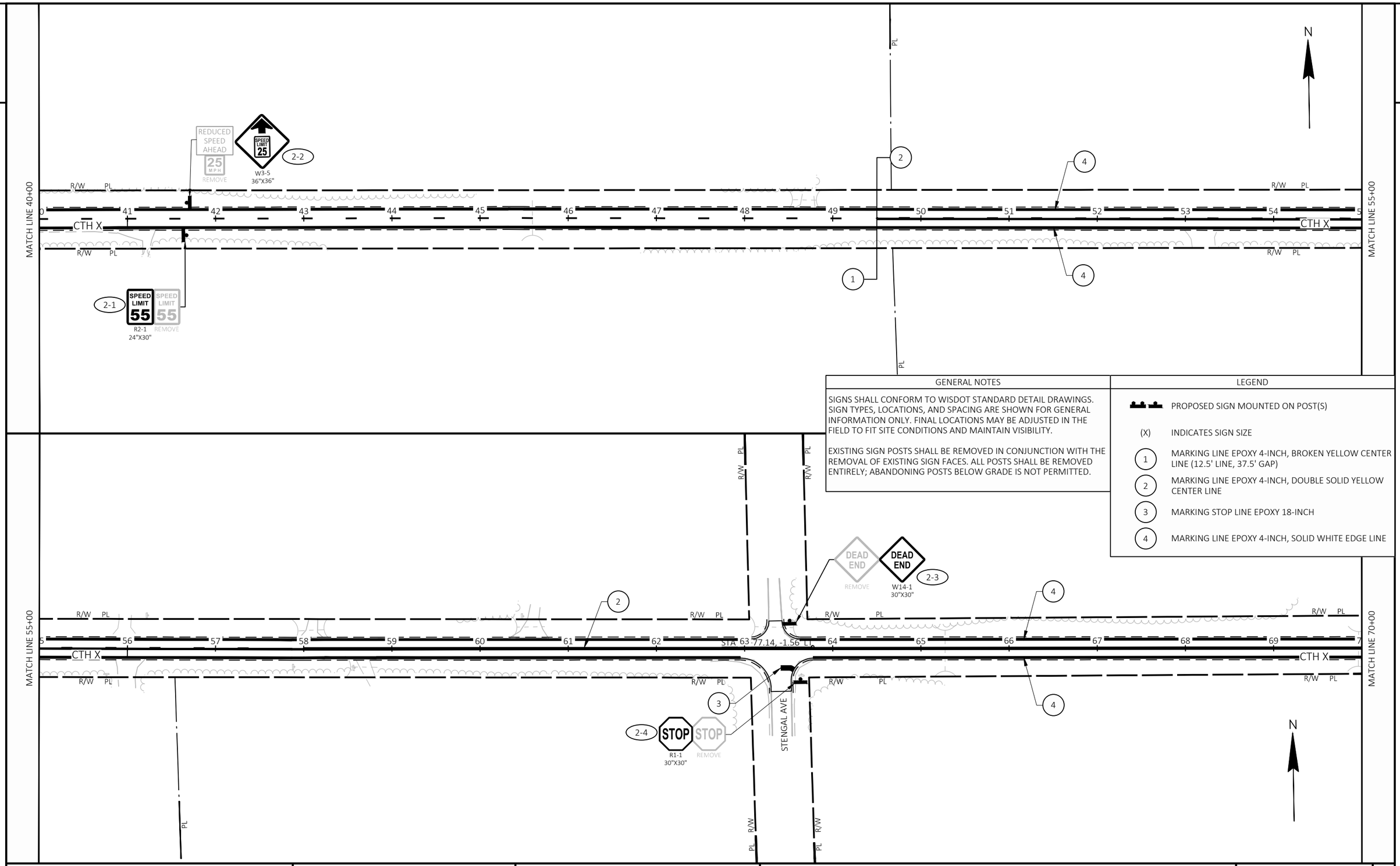


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	STORM SEWER - CTH X	SHEET 19	E



GENERAL NOTES	LEGEND
SIGNS SHALL CONFORM TO WISDOT STANDARD DETAIL DRAWINGS. SIGN TYPES, LOCATIONS, AND SPACING ARE SHOWN FOR GENERAL INFORMATION ONLY. FINAL LOCATIONS MAY BE ADJUSTED IN THE FIELD TO FIT SITE CONDITIONS AND MAINTAIN VISIBILITY. EXISTING SIGN POSTS SHALL BE REMOVED IN CONJUNCTION WITH THE REMOVAL OF EXISTING SIGN FACES. ALL POSTS SHALL BE REMOVED ENTIRELY; ABANDONING POSTS BELOW GRADE IS NOT PERMITTED.	PROPOSED SIGN MOUNTED ON POST(S) (X) INDICATES SIGN SIZE 1 MARKING LINE EPOXY 4-INCH, SOLID YELLOW CENTER LINE 2 MARKING LINE EPOXY 4-INCH, BROKEN YELLOW CENTER LINE (12.5' LINE, 37.5' GAP) 3 MARKING STOP LINE EPOXY 18-INCH 4 MARKING LINE EPOXY 4-INCH, SOLID WHITE EDGE LINE

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PERMANENT SIGNING	SHEET 20	E



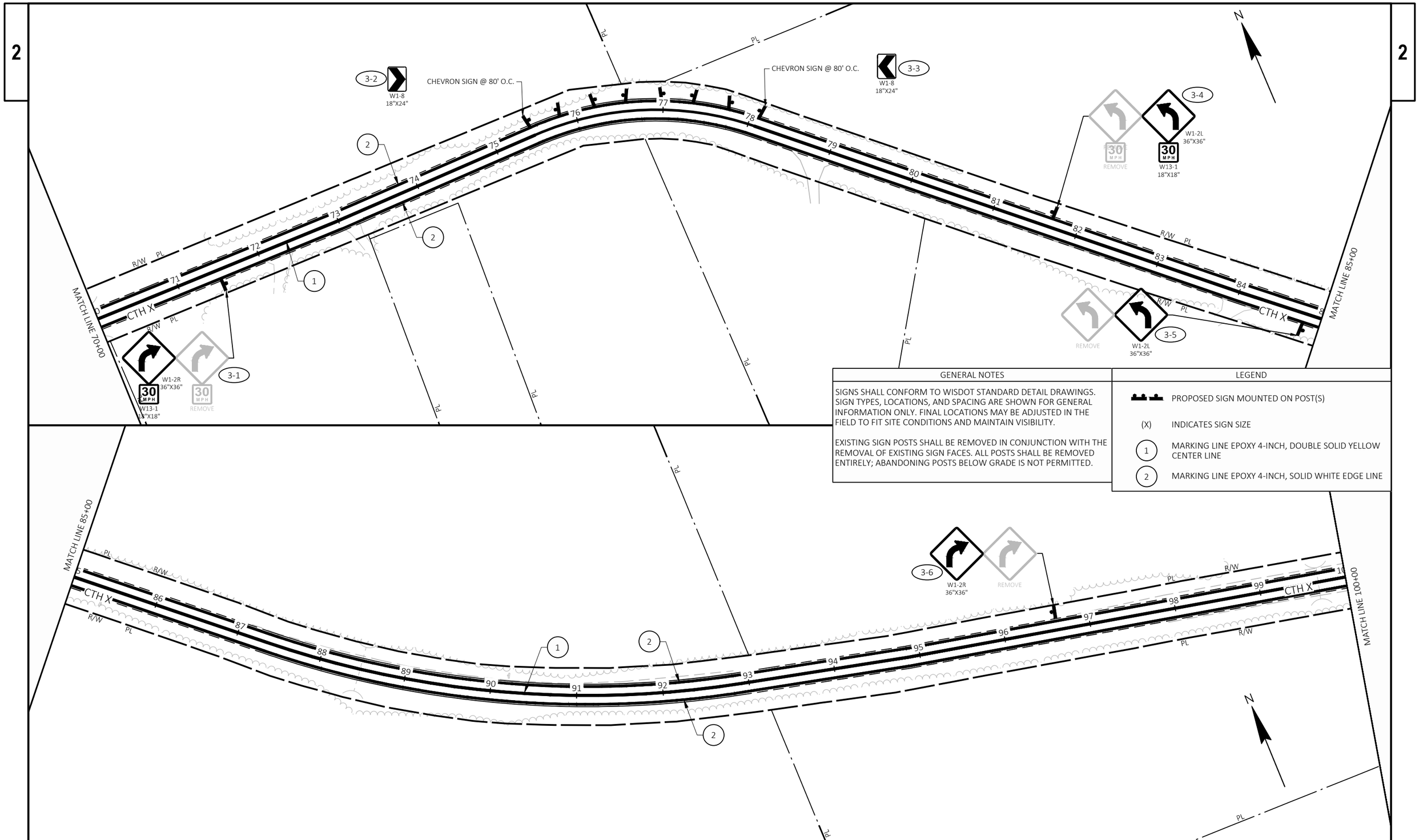
GENERAL NOTES	LEGEND
SIGNS SHALL CONFORM TO WISDOT STANDARD DETAIL DRAWINGS. SIGN TYPES, LOCATIONS, AND SPACING ARE SHOWN FOR GENERAL INFORMATION ONLY. FINAL LOCATIONS MAY BE ADJUSTED IN THE FIELD TO FIT SITE CONDITIONS AND MAINTAIN VISIBILITY. EXISTING SIGN POSTS SHALL BE REMOVED IN CONJUNCTION WITH THE REMOVAL OF EXISTING SIGN FACES. ALL POSTS SHALL BE REMOVED ENTIRELY; ABANDONING POSTS BELOW GRADE IS NOT PERMITTED.	PROPOSED SIGN MOUNTED ON POST(S) (X) INDICATES SIGN SIZE 1 MARKING LINE EPOXY 4-INCH, BROKEN YELLOW CENTER LINE (12.5' LINE, 37.5' GAP) 2 MARKING LINE EPOXY 4-INCH, DOUBLE SOLID YELLOW CENTER LINE 3 MARKING STOP LINE EPOXY 18-INCH 4 MARKING LINE EPOXY 4-INCH, SOLID WHITE EDGE LINE

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PERMANENT SIGNING	SHEET 21	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\023201-PS.DWG
LAYOUT NAME - 2 PS

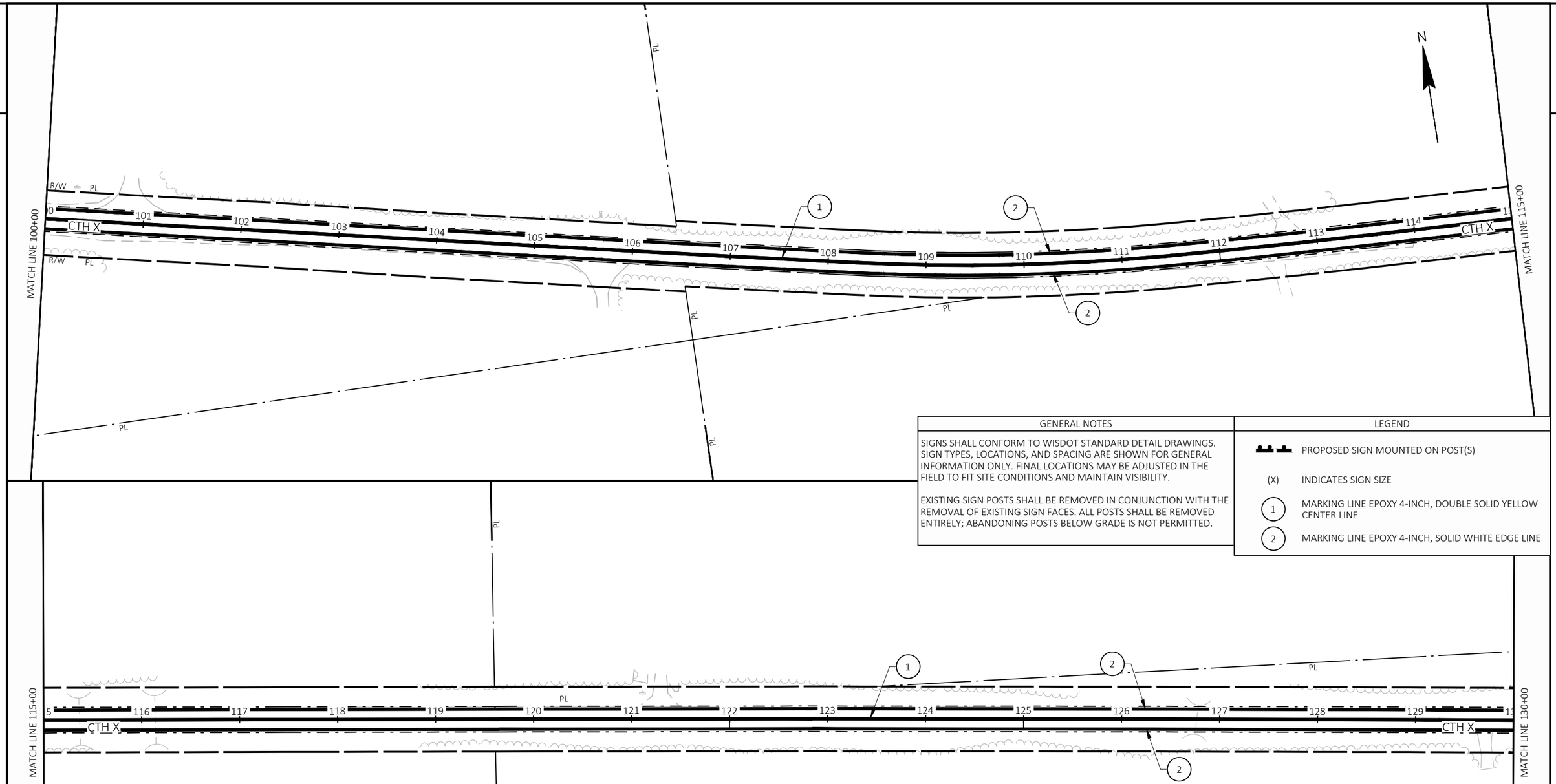
PLOT DATE : 7/29/2026 1:48 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



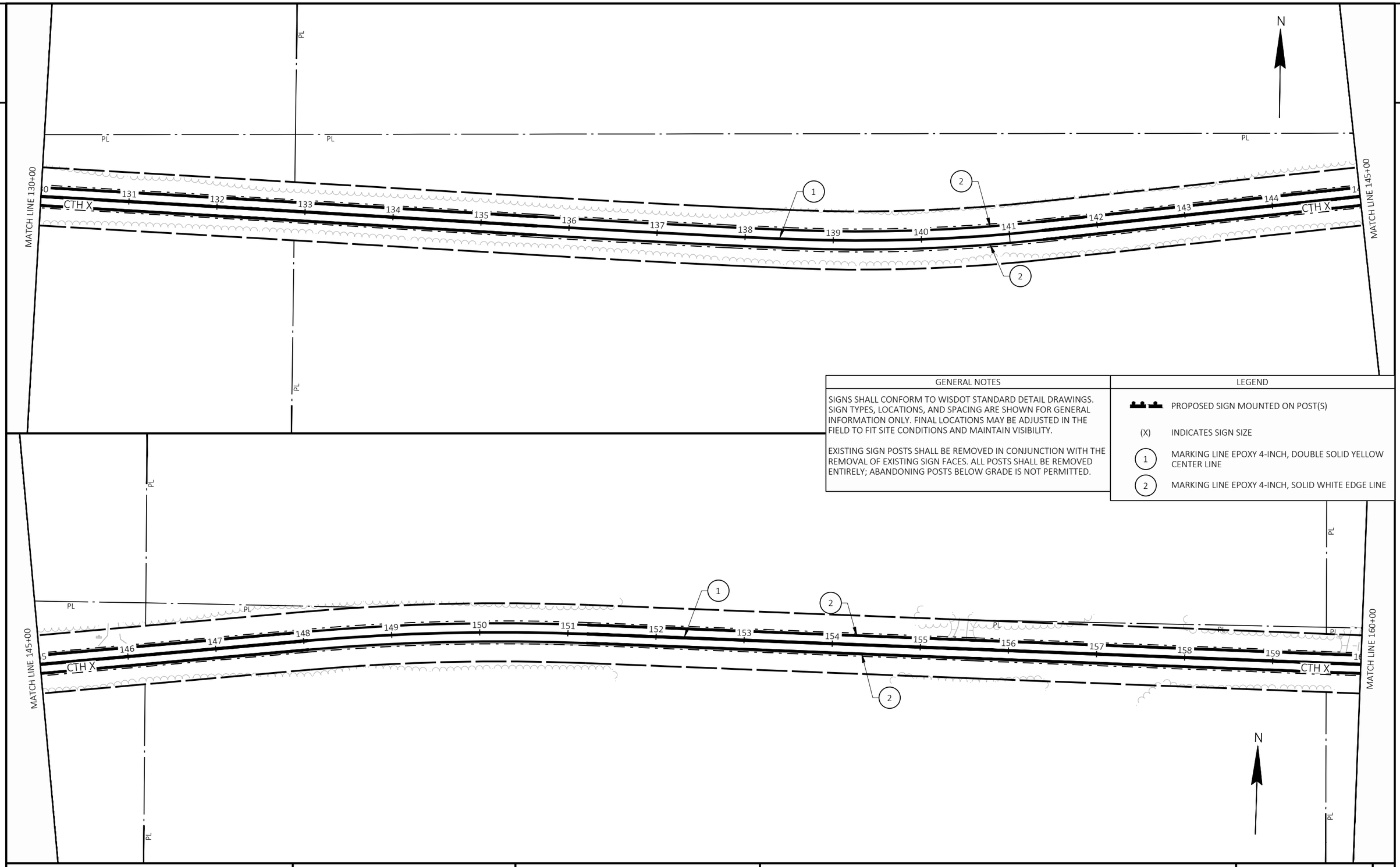
GENERAL NOTES	LEGEND
SIGNS SHALL CONFORM TO WISDOT STANDARD DETAIL DRAWINGS. SIGN TYPES, LOCATIONS, AND SPACING ARE SHOWN FOR GENERAL INFORMATION ONLY. FINAL LOCATIONS MAY BE ADJUSTED IN THE FIELD TO FIT SITE CONDITIONS AND MAINTAIN VISIBILITY. EXISTING SIGN POSTS SHALL BE REMOVED IN CONJUNCTION WITH THE REMOVAL OF EXISTING SIGN FACES. ALL POSTS SHALL BE REMOVED ENTIRELY; ABANDONING POSTS BELOW GRADE IS NOT PERMITTED.	PROPOSED SIGN MOUNTED ON POST(S) (X) INDICATES SIGN SIZE 1 MARKING LINE EPOXY 4-INCH, DOUBLE SOLID YELLOW CENTER LINE 2 MARKING LINE EPOXY 4-INCH, SOLID WHITE EDGE LINE

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PERMANENT SIGNING	SHEET 22	E



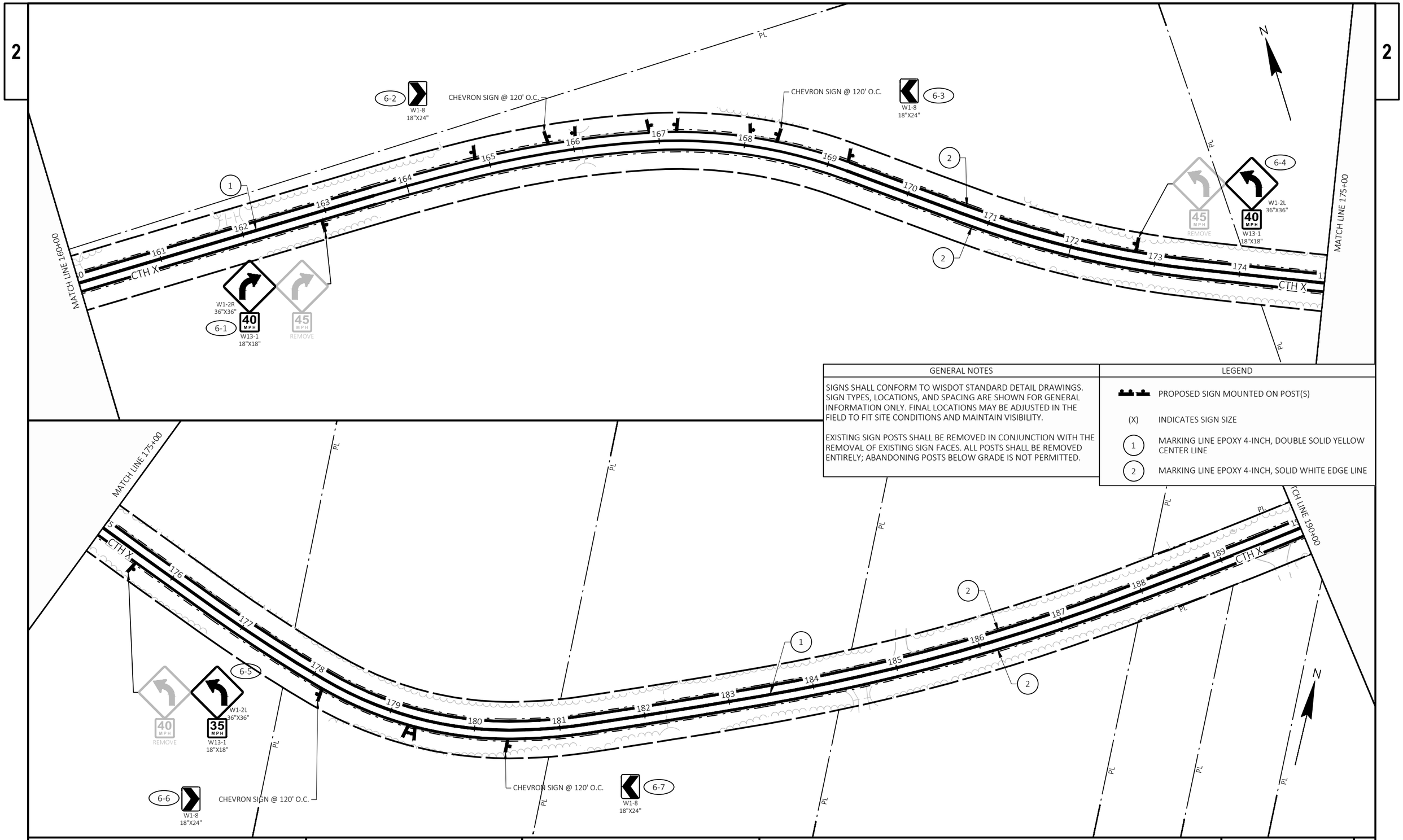
GENERAL NOTES	LEGEND
SIGNS SHALL CONFORM TO WISDOT STANDARD DETAIL DRAWINGS. SIGN TYPES, LOCATIONS, AND SPACING ARE SHOWN FOR GENERAL INFORMATION ONLY. FINAL LOCATIONS MAY BE ADJUSTED IN THE FIELD TO FIT SITE CONDITIONS AND MAINTAIN VISIBILITY. EXISTING SIGN POSTS SHALL BE REMOVED IN CONJUNCTION WITH THE REMOVAL OF EXISTING SIGN FACES. ALL POSTS SHALL BE REMOVED ENTIRELY; ABANDONING POSTS BELOW GRADE IS NOT PERMITTED.	PROPOSED SIGN MOUNTED ON POST(S) (X) INDICATES SIGN SIZE 1 MARKING LINE EPOXY 4-INCH, DOUBLE SOLID YELLOW CENTER LINE 2 MARKING LINE EPOXY 4-INCH, SOLID WHITE EDGE LINE

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PERMANENT SIGNING	SHEET 23	E



GENERAL NOTES	LEGEND
SIGNS SHALL CONFORM TO WISDOT STANDARD DETAIL DRAWINGS. SIGN TYPES, LOCATIONS, AND SPACING ARE SHOWN FOR GENERAL INFORMATION ONLY. FINAL LOCATIONS MAY BE ADJUSTED IN THE FIELD TO FIT SITE CONDITIONS AND MAINTAIN VISIBILITY. EXISTING SIGN POSTS SHALL BE REMOVED IN CONJUNCTION WITH THE REMOVAL OF EXISTING SIGN FACES. ALL POSTS SHALL BE REMOVED ENTIRELY; ABANDONING POSTS BELOW GRADE IS NOT PERMITTED.	PROPOSED SIGN MOUNTED ON POST(S) (X) INDICATES SIGN SIZE 1 MARKING LINE EPOXY 4-INCH, DOUBLE SOLID YELLOW CENTER LINE 2 MARKING LINE EPOXY 4-INCH, SOLID WHITE EDGE LINE

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PERMANENT SIGNING	SHEET 24	E



GENERAL NOTES	LEGEND
SIGNS SHALL CONFORM TO WISDOT STANDARD DETAIL DRAWINGS. SIGN TYPES, LOCATIONS, AND SPACING ARE SHOWN FOR GENERAL INFORMATION ONLY. FINAL LOCATIONS MAY BE ADJUSTED IN THE FIELD TO FIT SITE CONDITIONS AND MAINTAIN VISIBILITY. EXISTING SIGN POSTS SHALL BE REMOVED IN CONJUNCTION WITH THE REMOVAL OF EXISTING SIGN FACES. ALL POSTS SHALL BE REMOVED ENTIRELY; ABANDONING POSTS BELOW GRADE IS NOT PERMITTED.	PROPOSED SIGN MOUNTED ON POST(S) (X) INDICATES SIGN SIZE 1 MARKING LINE EPOXY 4-INCH, DOUBLE SOLID YELLOW CENTER LINE 2 MARKING LINE EPOXY 4-INCH, SOLID WHITE EDGE LINE

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PERMANENT SIGNING	SHEET 25	E

2

2

MATCH LINE 190+00

MATCH LINE 205+00

MATCH LINE 205+00

MATCH LINE 220+00

CTH X

PL

7-1

45 MPH REMOVE

7-2

45 MPH REMOVE

7-3

W1-2R 36"X36"

40 MPH

W13-1 18"X18"

40 MPH REMOVE

7-4

CHEVRON SIGN @ 120' O.C.

W1-8 18"X24"

7-5

CHEVRON SIGN @ 120' O.C.

W1-8 18"X24"

7-6

W1-2L 36"X36"

40 MPH

W13-1 18"X18"

40 MPH REMOVE

1

2

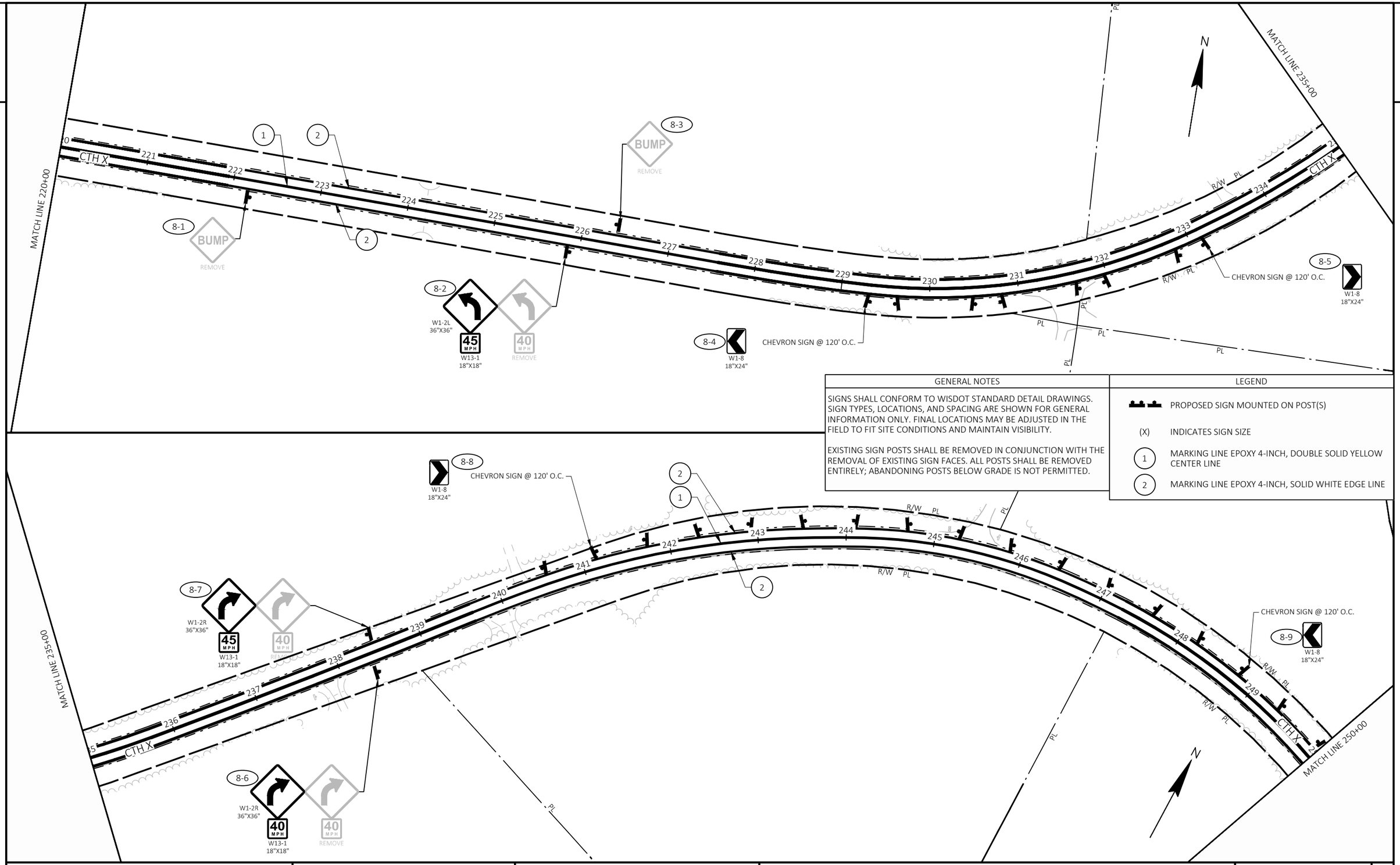
GENERAL NOTES	LEGEND
SIGNS SHALL CONFORM TO WISDOT STANDARD DETAIL DRAWINGS. SIGN TYPES, LOCATIONS, AND SPACING ARE SHOWN FOR GENERAL INFORMATION ONLY. FINAL LOCATIONS MAY BE ADJUSTED IN THE FIELD TO FIT SITE CONDITIONS AND MAINTAIN VISIBILITY. EXISTING SIGN POSTS SHALL BE REMOVED IN CONJUNCTION WITH THE REMOVAL OF EXISTING SIGN FACES. ALL POSTS SHALL BE REMOVED ENTIRELY; ABANDONING POSTS BELOW GRADE IS NOT PERMITTED.	PROPOSED SIGN MOUNTED ON POST(S) (X) INDICATES SIGN SIZE 1 MARKING LINE EPOXY 4-INCH, DOUBLE SOLID YELLOW CENTER LINE 2 MARKING LINE EPOXY 4-INCH, SOLID WHITE EDGE LINE

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PERMANENT SIGNING	SHEET 26	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\023201-PS.DWG
LAYOUT NAME - 7 PS

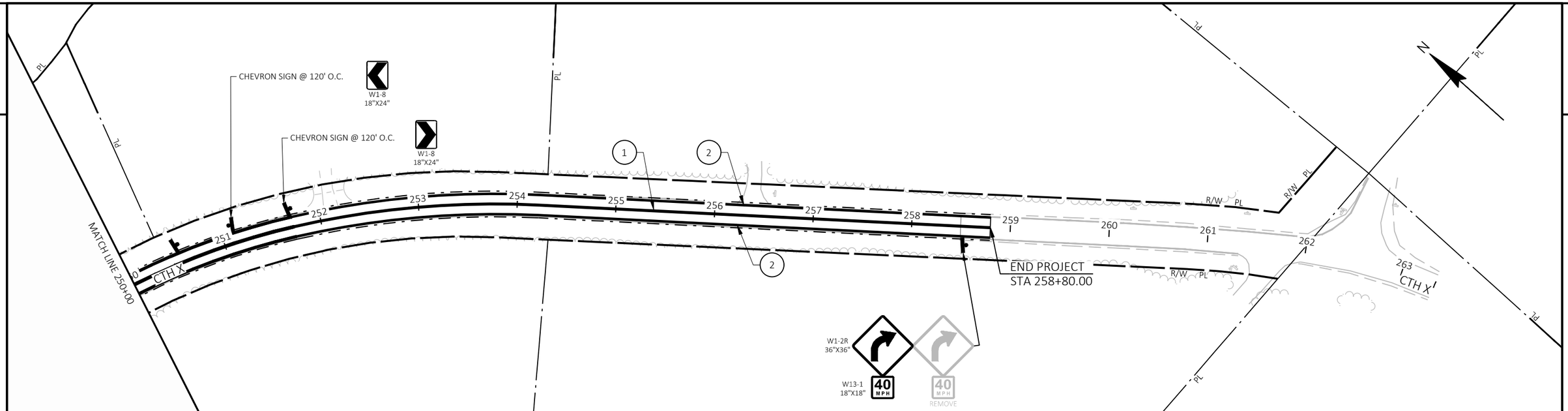
PLOT DATE : 7/29/2026 1:48 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



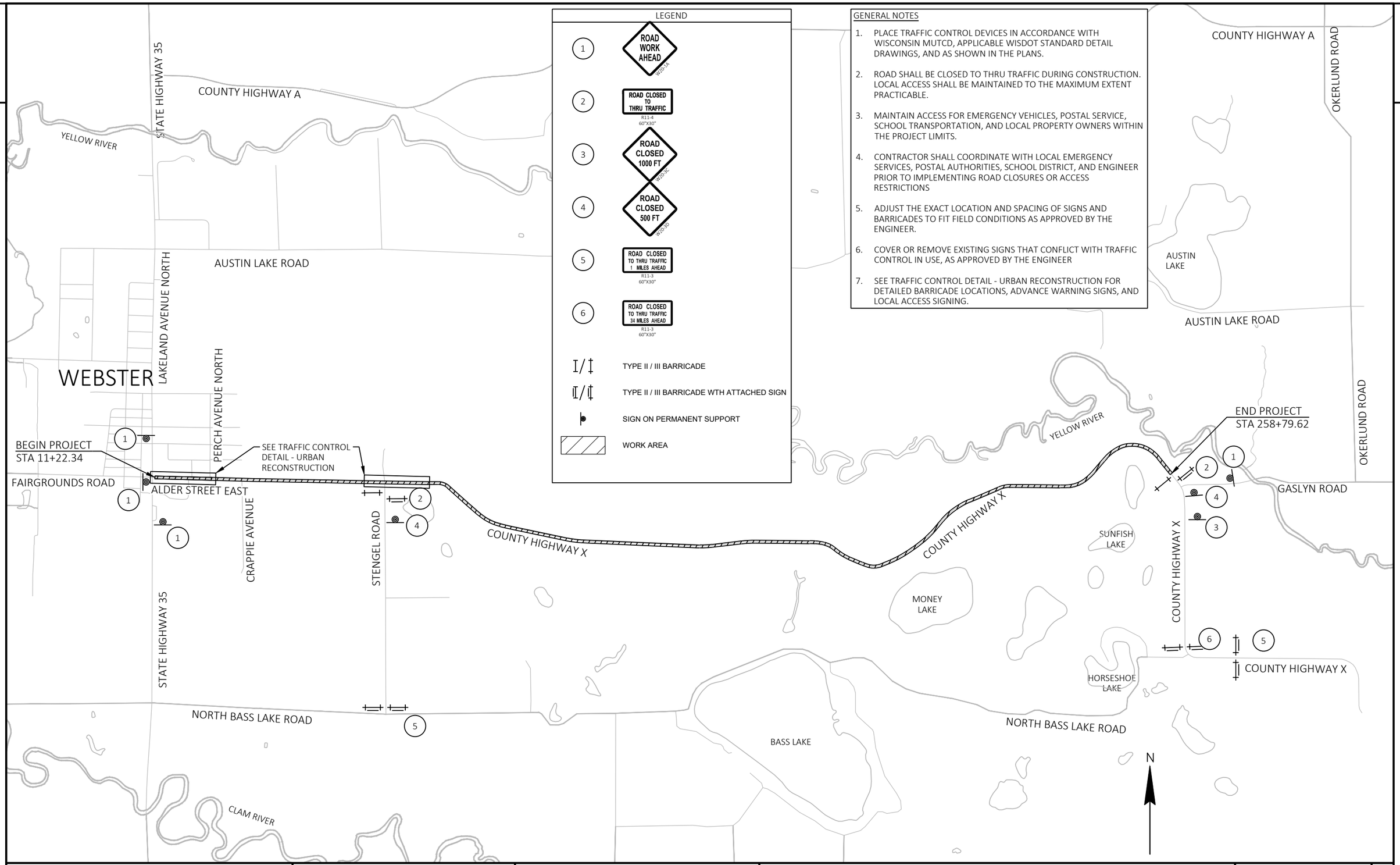
GENERAL NOTES	LEGEND
SIGNS SHALL CONFORM TO WISDOT STANDARD DETAIL DRAWINGS. SIGN TYPES, LOCATIONS, AND SPACING ARE SHOWN FOR GENERAL INFORMATION ONLY. FINAL LOCATIONS MAY BE ADJUSTED IN THE FIELD TO FIT SITE CONDITIONS AND MAINTAIN VISIBILITY. EXISTING SIGN POSTS SHALL BE REMOVED IN CONJUNCTION WITH THE REMOVAL OF EXISTING SIGN FACES. ALL POSTS SHALL BE REMOVED ENTIRELY; ABANDONING POSTS BELOW GRADE IS NOT PERMITTED.	PROPOSED SIGN MOUNTED ON POST(S) (X) INDICATES SIGN SIZE 1 MARKING LINE EPOXY 4-INCH, DOUBLE SOLID YELLOW CENTER LINE 2 MARKING LINE EPOXY 4-INCH, SOLID WHITE EDGE LINE

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PERMANENT SIGNING	SHEET 27	E



GENERAL NOTES
SIGNS SHALL CONFORM TO WISDOT STANDARD DETAIL DRAWINGS. SIGN TYPES, LOCATIONS, AND SPACING ARE SHOWN FOR GENERAL INFORMATION ONLY. FINAL LOCATIONS MAY BE ADJUSTED IN THE FIELD TO FIT SITE CONDITIONS AND MAINTAIN VISIBILITY.
EXISTING SIGN POSTS SHALL BE REMOVED IN CONJUNCTION WITH THE REMOVAL OF EXISTING SIGN FACES. ALL POSTS SHALL BE REMOVED ENTIRELY; ABANDONING POSTS BELOW GRADE IS NOT PERMITTED.

LEGEND	
	PROPOSED SIGN MOUNTED ON POST(S)
(X)	INDICATES SIGN SIZE
1	MARKING LINE EPOXY 4-INCH, DOUBLE SOLID YELLOW CENTER LINE
2	MARKING LINE EPOXY 4-INCH, SOLID WHITE EDGE LINE



LEGEND

1. ROAD WORK AHEAD — W20-1A
2. ROAD CLOSED TO THRU TRAFFIC — R11-4, 60"X30"
3. ROAD CLOSED 1000 FT — W20-2
4. ROAD CLOSED 500 FT — W20-2D
5. ROAD CLOSED TO THRU TRAFFIC 1 MILES AHEAD — R11-3, 60"X30"
6. ROAD CLOSED TO THRU TRAFFIC 3/4 MILES AHEAD — R11-3, 60"X30"

TYPE II / III BARRICADE

TYPE II / III BARRICADE WTH ATTACHED SIGN

SIGN ON PERMANENT SUPPORT

WORK AREA

GENERAL NOTES

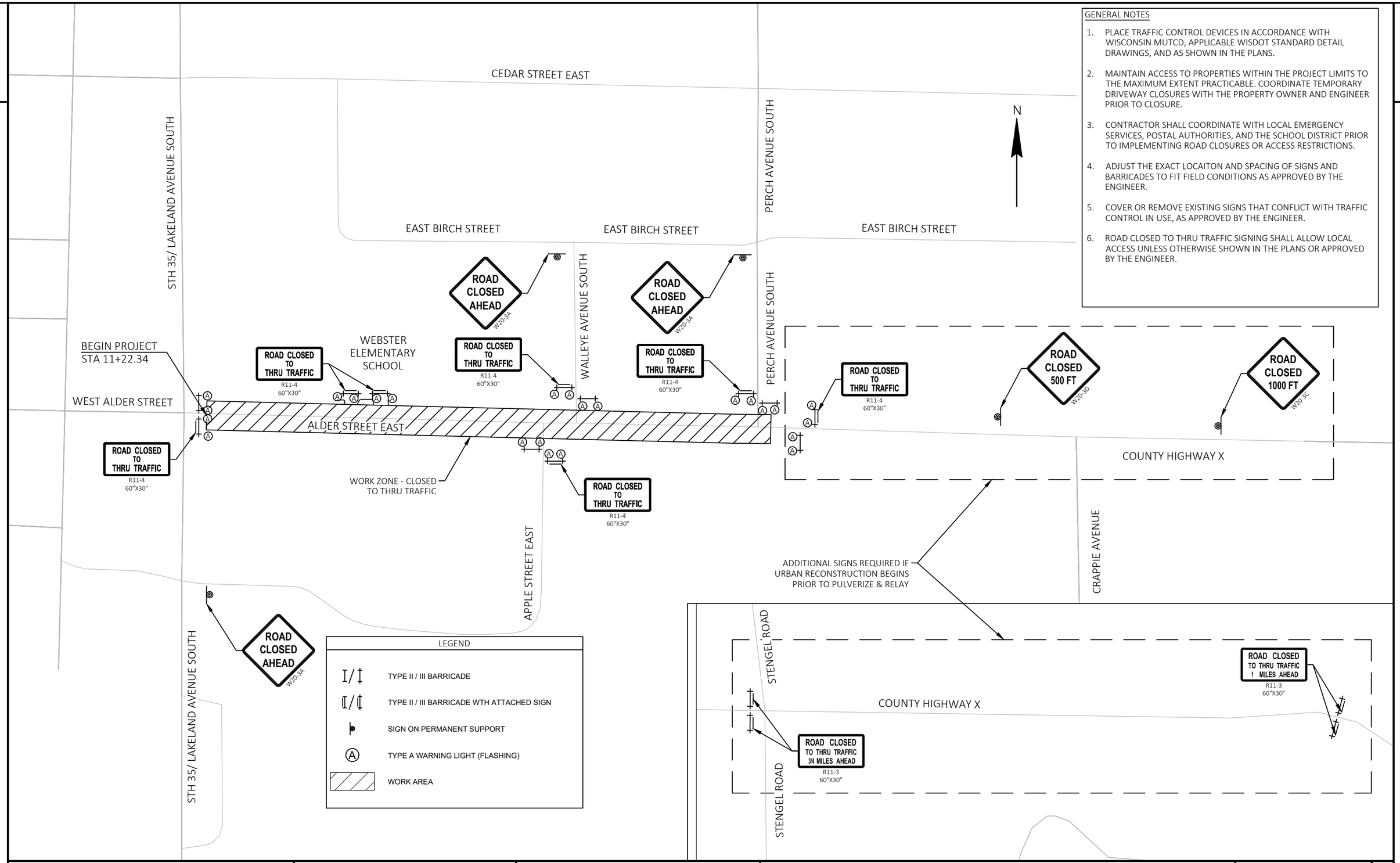
1. PLACE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH WISCONSIN MUTCD, APPLICABLE WISDOT STANDARD DETAIL DRAWINGS, AND AS SHOWN IN THE PLANS.
2. ROAD SHALL BE CLOSED TO THRU TRAFFIC DURING CONSTRUCTION. LOCAL ACCESS SHALL BE MAINTAINED TO THE MAXIMUM EXTENT PRACTICABLE.
3. MAINTAIN ACCESS FOR EMERGENCY VEHICLES, POSTAL SERVICE, SCHOOL TRANSPORTATION, AND LOCAL PROPERTY OWNERS WITHIN THE PROJECT LIMITS.
4. CONTRACTOR SHALL COORDINATE WITH LOCAL EMERGENCY SERVICES, POSTAL AUTHORITIES, SCHOOL DISTRICT, AND ENGINEER PRIOR TO IMPLEMENTING ROAD CLOSURES OR ACCESS RESTRICTIONS
5. ADJUST THE EXACT LOCATION AND SPACING OF SIGNS AND BARRICADES TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
6. COVER OR REMOVE EXISTING SIGNS THAT CONFLICT WITH TRAFFIC CONTROL IN USE, AS APPROVED BY THE ENGINEER
7. SEE TRAFFIC CONTROL DETAIL - URBAN RECONSTRUCTION FOR DETAILED BARRICADE LOCATIONS, ADVANCE WARNING SIGNS, AND LOCAL ACCESS SIGNING.

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	TRAFFIC CONTROL OVERVIEW	SHEET 29	E

2

GENERAL NOTES

1. PLACE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH WISCONSIN MUTCD, APPLICABLE WISDOT STANDARD DETAIL DRAWINGS, AND AS SHOWN IN THE PLANS.
2. MAINTAIN ACCESS TO PROPERTIES WITHIN THE PROJECT LIMITS TO THE MAXIMUM EXTENT PRACTICABLE. COORDINATE TEMPORARY DRIVEWAY CLOSURES WITH THE PROPERTY OWNER AND ENGINEER PRIOR TO CLOSURE.
3. CONTRACTOR SHALL COORDINATE WITH LOCAL EMERGENCY SERVICES, POSTAL AUTHORITIES, AND THE SCHOOL DISTRICT PRIOR TO IMPLEMENTING ROAD CLOSURES OR ACCESS RESTRICTIONS.
4. ADJUST THE EXACT LOCAITON AND SPACING OF SIGNS AND BARRICADES TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
5. COVER OR REMOVE EXISTING SIGNS THAT CONFLICT WITH TRAFFIC CONTROL IN USE, AS APPROVED BY THE ENGINEER.
6. ROAD CLOSED TO THRU TRAFFIC SIGNING SHALL ALLOW LOCAL ACCESS UNLESS OTHERWISE SHOWN IN THE PLANS OR APPROVED BY THE ENGINEER.

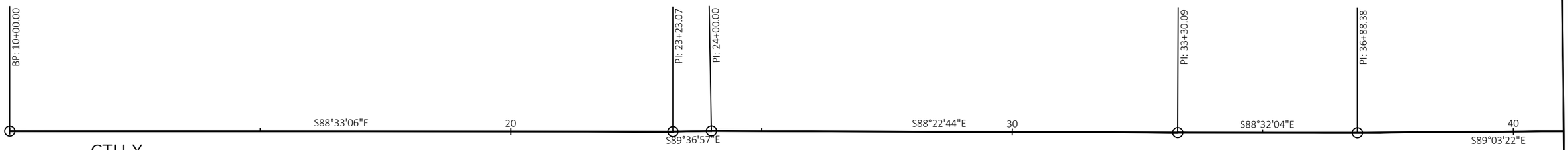


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	TRAFFIC CONTROL - URBAN RECONSTRUCTION	SHEET 30	E

2

2

N



CTH X

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	ALIGNMENT DETAILS	SHEET 31	E

2

N

PI: 45+31.92

50

S88°52'57"E

PI: 57+86.40

60

S89°03'19"E

PI: 70+70.32

70

S89°14'32"E

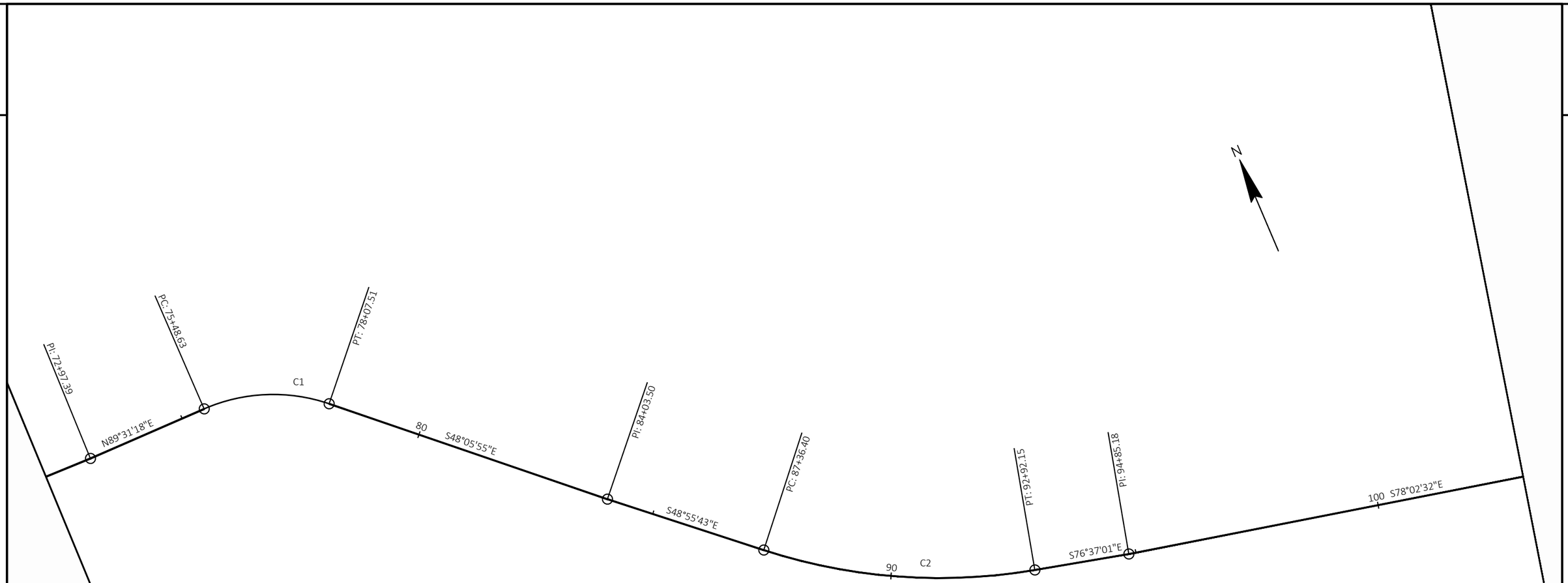
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	ALIGNMENT DETAILS	SHEET 32	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\027201-AD.DWG
LAYOUT NAME - 2 Ali-Desc

PLOT DATE : 7/29/2026 1:48 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

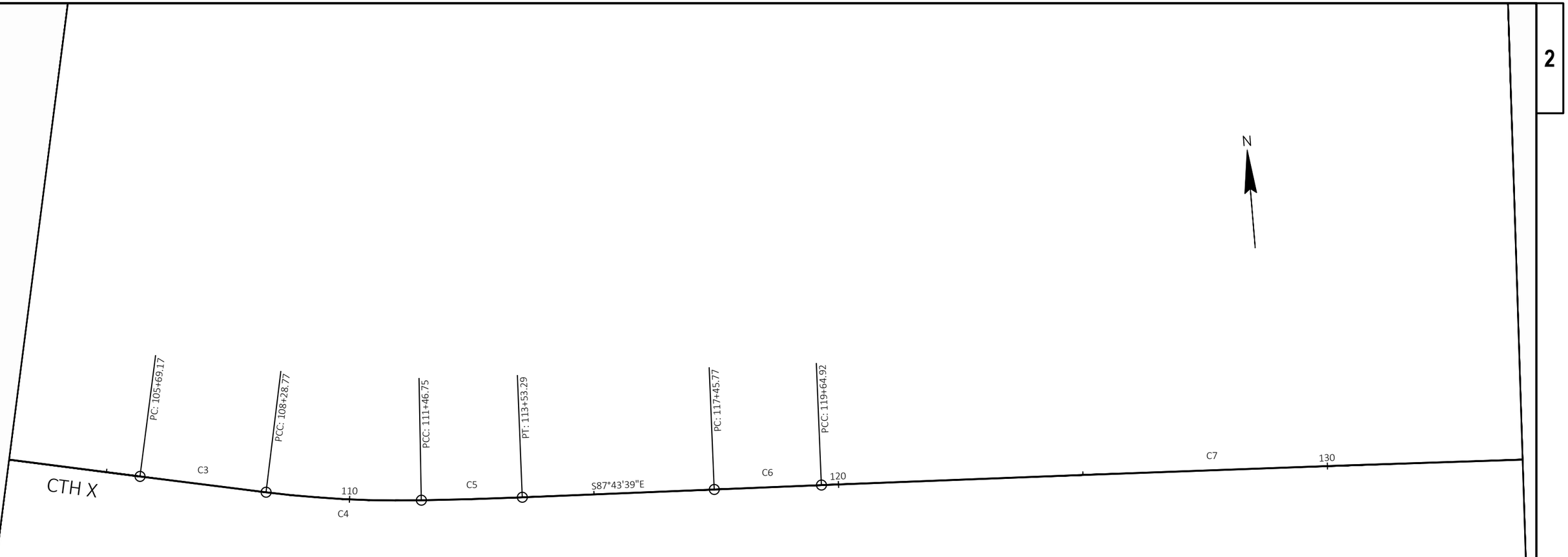


C1
PI STA = 76+84.31
Y = 185991.626
X = 240313.761
DELTA = 42°22'47" RT
D = 16°22'13"
T = 135.68'
L = 258.88'
R = 350.00'
PC STA = 75+48.63
Y = 185990.493
X = 240178.081
PT STA = 78+07.51
Y = 185901.009
X = 240414.750
DB = N89°31'18"E
DA = S48°05'55"E

C2
PI STA = 90+19.81
Y = 185098.059
X = 241322.975
DELTA = 27°41'19" LT
D = 4°58'56"
T = 283.41'
L = 555.75'
R = 1150.00'
PC STA = 87+36.40
Y = 185284.260
X = 241109.315
PT STA = 92+92.15
Y = 185032.462
X = 241598.689
DB = S48°55'43"E
DA = S76°37'01"E

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	ALIGNMENT DETAILS	SHEET 33	E

2



C3
PI STA = 106+98.97
Y = 184736.299
X = 242973.928
DELTA = 0°22'19" LT
D = 0°08'36"
T = 129.80'
L = 259.60'
R = 40000.00'
PC STA = 105+69.17
Y = 184763.192
X = 242846.944
PT STA = 108+28.77
Y = 184710.230
X = 243101.084
DB = S78°02'32"E
DA = S78°24'51"E

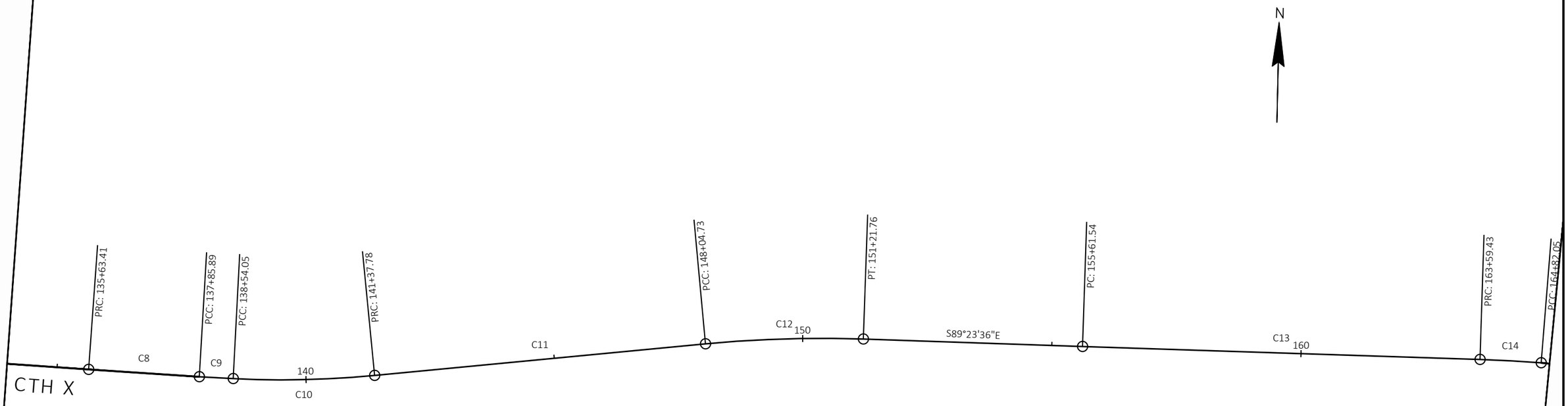
C4
PI STA = 109+88.02
Y = 184678.246
X = 243257.095
DELTA = 8°03'21" LT
D = 2°32'00"
T = 159.26'
L = 317.99'
R = 2261.66'
PC STA = 108+28.77
Y = 184710.230
X = 243101.084
PT STA = 111+46.75
Y = 184668.440
X = 243416.049
DB = S78°24'51"E
DA = S86°28'11"E

C5
PI STA = 112+50.02
Y = 184662.081
X = 243519.123
DELTA = 1°15'27" LT
D = 0°36'32"
T = 103.27'
L = 206.53'
R = 9410.00'
PC STA = 111+46.75
Y = 184668.440
X = 243416.049
PT STA = 113+53.29
Y = 184657.986
X = 243622.312
DB = S86°28'11"E
DA = S87°43'39"E

C6
PI STA = 118+55.34
Y = 184638.077
X = 244123.975
DELTA = 0°00'26" RT
D = 0°00'12"
T = 109.57'
L = 219.15'
R = 1768377.90'
PC STA = 117+45.77
Y = 184642.422
X = 244014.487
PT STA = 119+64.92
Y = 184633.718
X = 244233.463
DB = S87°43'39"E
DA = S87°43'13"E

C7
PI STA = 127+64.17
Y = 184601.926
X = 245032.084
DELTA = 0°32'37" RT
D = 0°02'02"
T = 799.25'
L = 1598.50'
R = 168473.94'
PC STA = 119+64.92
Y = 184633.718
X = 244233.463
PT STA = 135+63.41
Y = 184562.557
X = 245830.367
DB = S87°43'13"E
DA = S87°10'36"E

2



C8
PI STA = 136+74.66
Y = 184557.078
X = 245941.474
DELTA = 0°46'01" LT
D = 0°20'41"
T = 111.24'
L = 222.48'
R = 16623.28'
PC STA = 135+63.41
Y = 184562.557
X = 245830.367
PT STA = 137+85.89
Y = 184553.086
X = 246052.644
DB = S87°10'36"E
DA = S87°56'37"E

C9
PI STA = 138+19.97
Y = 184551.863
X = 246086.699
DELTA = 0°25'29" LT
D = 0°37'24"
T = 34.08'
L = 68.15'
R = 9192.64'
PC STA = 137+85.89
Y = 184553.086
X = 246052.644
PT STA = 138+54.05
Y = 184550.893
X = 246120.763
DB = S87°56'37"E
DA = S88°22'06"E

C10
PI STA = 139+96.18
Y = 184546.845
X = 246262.835
DELTA = 8°31'52" LT
D = 3°00'24"
T = 142.13'
L = 283.73'
R = 1905.58'
PC STA = 138+54.05
Y = 184550.893
X = 246120.763
PT STA = 141+37.78
Y = 184563.919
X = 246403.936
DB = S88°22'06"E
DA = N83°06'02"E

C11
PI STA = 144+71.26
Y = 184603.978
X = 246734.994
DELTA = 0°14'43" RT
D = 0°02'12"
T = 333.47'
L = 666.95'
R = 155875.53'
PC STA = 141+37.78
Y = 184563.919
X = 246403.936
PT STA = 148+04.73
Y = 184642.620
X = 246066.222
DB = N83°06'02"E
DA = N83°20'45"E

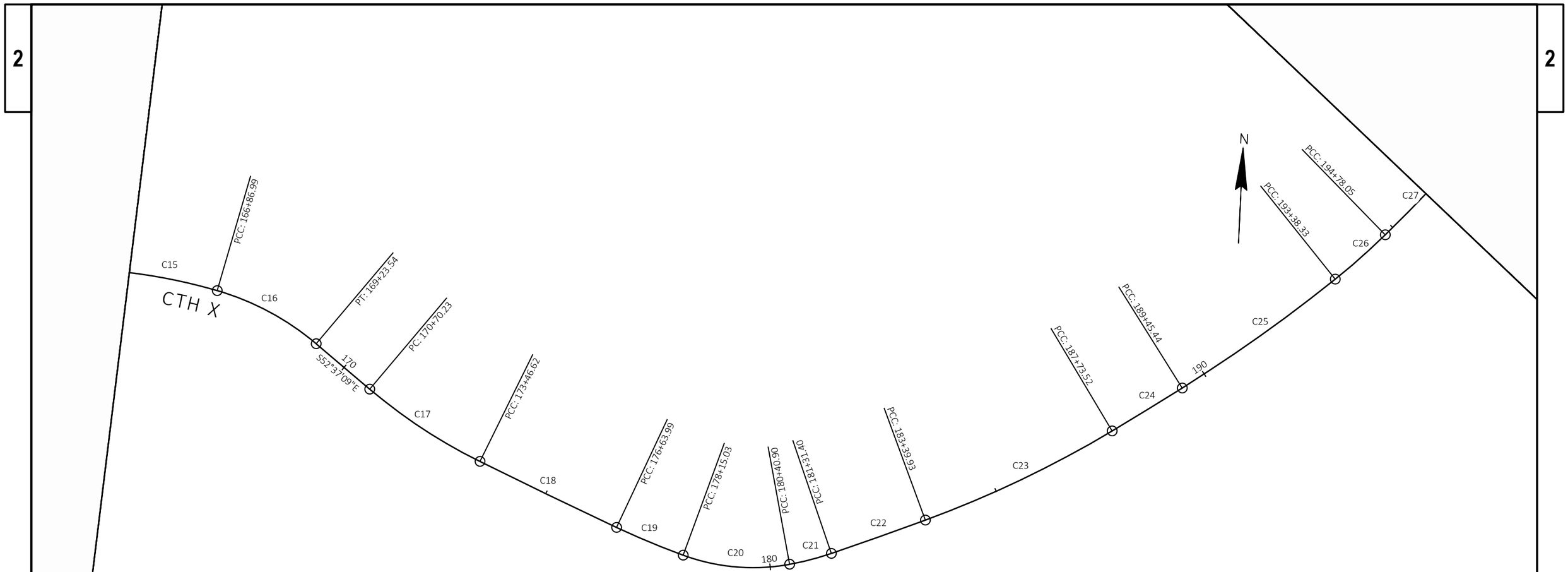
C12
PI STA = 149+63.46
Y = 184661.013
X = 247223.880
DELTA = 7°15'40" RT
D = 2°17'25"
T = 158.73'
L = 317.03'
R = 2501.66'
PC STA = 148+04.73
Y = 184642.620
X = 247066.222
PT STA = 151+21.76
Y = 184659.332
X = 247382.599
DB = N83°20'45"E
DA = S89°23'36"E

C13
PI STA = 159+60.49
Y = 184650.451
X = 248221.282
DELTA = 0°07'09" LT
D = 0°00'54"
T = 398.94'
L = 797.89'
R = 383657.81'
PC STA = 155+61.54
Y = 184654.676
X = 247822.360
PT STA = 163+59.43
Y = 184647.056
X = 248620.212
DB = S89°23'36"E
DA = S89°30'45"E

C14
PI STA = 164+20.76
Y = 184646.534
X = 248681.532
DELTA = 2°49'09" RT
D = 2°17'56"
T = 61.32'
L = 122.62'
R = 2492.21'
PC STA = 163+59.43
Y = 184647.056
X = 248620.212
PT STA = 164+82.05
Y = 184642.997
X = 248742.753
DB = S89°30'45"E
DA = S86°41'36"E

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	ALIGNMENT DETAILS	SHEET 35	E

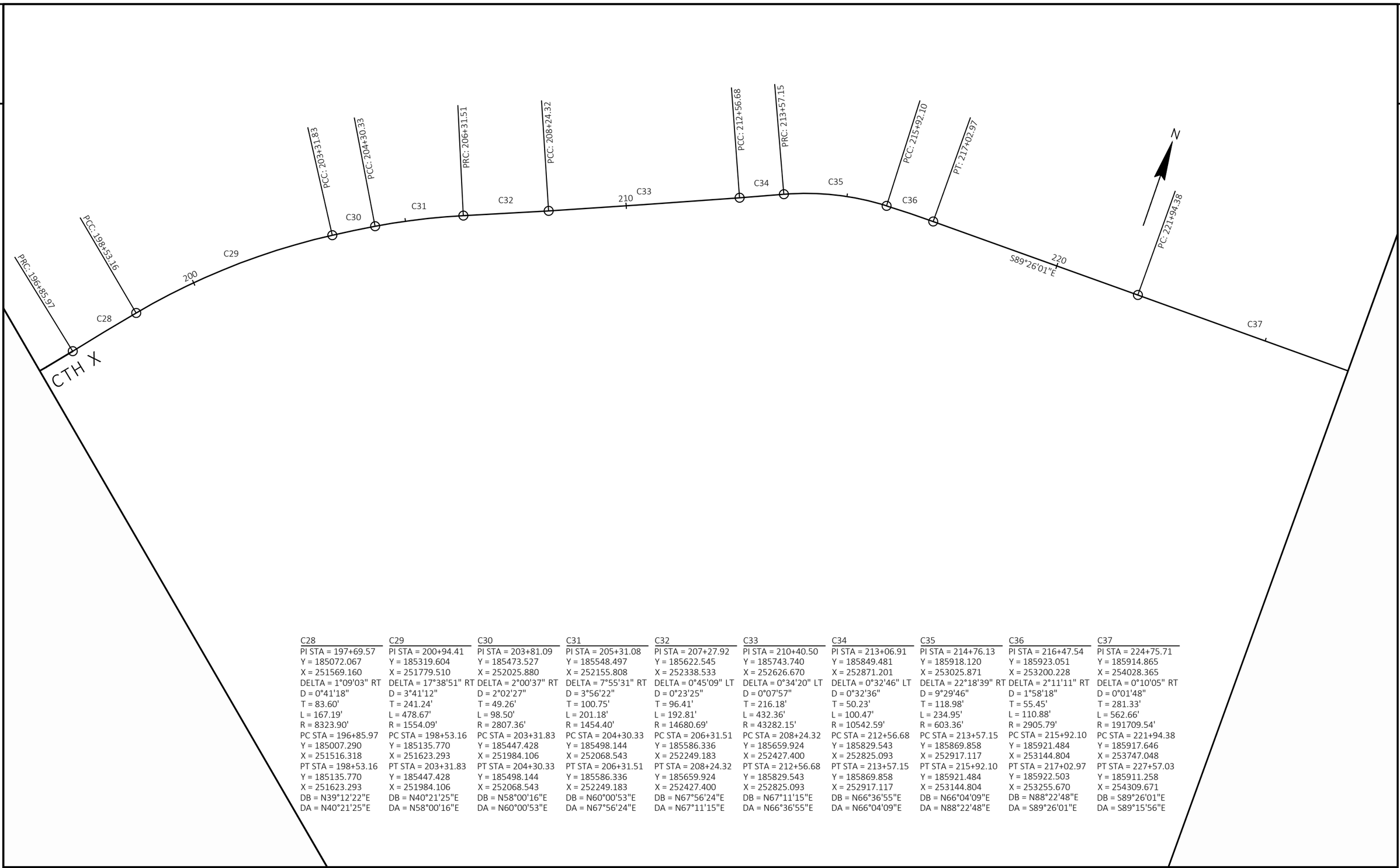
2



C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25	C26	C27
PI STA = 165+84.79	PI STA = 168+07.02	PI STA = 172+09.11	PI STA = 175+05.31	PI STA = 177+39.56	PI STA = 179+30.71	PI STA = 180+86.23	PI STA = 182+35.67	PI STA = 185+57.36	PI STA = 188+59.49	PI STA = 191+42.10	PI STA = 194+08.24	PI STA = 195+82.05
Y = 184637.072	Y = 184585.448	Y = 184339.205	Y = 184220.596	Y = 184131.703	Y = 184074.834	Y = 184111.599	Y = 184166.786	Y = 184292.389	Y = 184460.650	Y = 184622.593	Y = 184799.292	Y = 184926.703
X = 248845.315	X = 249062.018	X = 249384.314	X = 249657.219	X = 249873.957	X = 250056.556	X = 250213.312	X = 250352.358	X = 250648.525	X = 250900.985	X = 251132.607	X = 251332.203	X = 251450.579
DELTA = 10°05'34" RT	DELTA = 23°58'53" RT	DELTA = 13°53'25" LT	DELTA = 1°11'24" LT	DELTA = 5°00'06" LT	DELTA = 30°29'54" LT	DELTA = 8°26'55" LT	DELTA = 1°20'01" LT	DELTA = 10°42'05" LT	DELTA = 1°16'38" LT	DELTA = 6°33'28" LT	DELTA = 5°35'16" LT	DELTA = 3°41'18" LT
D = 4°55'30"	D = 10°08'17"	D = 5°01'32"	D = 0°22'30"	D = 3°18'41"	D = 13°30'08"	D = 9°20'12"	D = 0°38'22"	D = 2°28'05"	D = 0°44'35"	D = 1°40'09"	D = 3°59'57"	D = 1°46'26"
T = 102.73'	T = 120.03'	T = 138.87'	T = 158.69'	T = 75.57'	T = 115.68'	T = 45.33'	T = 104.27'	T = 217.43'	T = 85.96'	T = 196.66'	T = 69.92'	T = 104.00'
L = 204.93'	L = 236.55'	L = 276.39'	L = 317.37'	L = 151.04'	L = 225.88'	L = 90.49'	L = 208.53'	L = 433.60'	L = 171.92'	L = 392.88'	L = 139.72'	L = 207.93'
R = 1163.40'	R = 565.16'	R = 1140.06'	R = 15280.25'	R = 1730.22'	R = 424.34'	R = 613.67'	R = 8959.90'	R = 2321.51'	R = 7712.27'	R = 3432.67'	R = 1432.71'	R = 3229.96'
PC STA = 164+82.05	PC STA = 166+86.99	PC STA = 170+70.23	PC STA = 173+46.62	PC STA = 176+63.99	PC STA = 178+15.03	PC STA = 180+40.90	PC STA = 181+31.40	PC STA = 183+39.93	PC STA = 187+73.52	PC STA = 189+45.44	PC STA = 193+38.33	PC STA = 194+78.05
Y = 184642.997	Y = 184613.265	Y = 184423.517	Y = 184283.850	Y = 184160.378	Y = 184109.233	Y = 184101.249	Y = 184128.320	Y = 184207.497	Y = 184412.975	Y = 184509.907	Y = 184752.947	Y = 184850.513
X = 248742.753	X = 248945.252	X = 249273.961	X = 249511.679	X = 249804.042	X = 249946.106	X = 250169.182	X = 250255.442	X = 250448.352	X = 250829.454	X = 250971.436	X = 251279.853	X = 251379.792
PT STA = 166+86.99	PT STA = 169+23.54	PT STA = 173+46.62	PT STA = 176+63.99	PT STA = 178+15.03	PT STA = 180+40.90	PT STA = 181+31.40	PT STA = 183+39.93	PT STA = 187+73.52	PT STA = 189+45.44	PT STA = 193+38.33	PT STA = 194+78.05	PT STA = 196+85.97
Y = 184613.265	Y = 184512.575	Y = 184283.850	Y = 184160.378	Y = 184109.233	Y = 184101.249	Y = 184128.320	Y = 184207.497	Y = 184412.975	Y = 184509.907	Y = 184752.947	Y = 184850.513	Y = 185007.290
X = 248945.252	X = 249157.398	X = 249511.679	X = 249804.042	X = 249946.106	X = 250169.182	X = 250255.442	X = 250448.352	X = 250829.454	X = 250971.436	X = 251279.853	X = 251379.792	X = 251516.318
DB = S86°41'36"E	DB = S76°36'02"E	DB = S52°37'09"E	DB = S66°30'34"E	DB = S67°41'58"E	DB = S72°42'04"E	DB = N76°48'02"E	DB = N68°21'07"E	DB = N67°01'06"E	DB = N56°19'02"E	DB = N55°02'24"E	DB = N48°28'56"E	DB = N42°53'40"E
DA = S76°36'02"E	DA = S52°37'09"E	DA = S66°30'34"E	DA = S67°41'58"E	DA = S72°42'04"E	DA = N76°48'02"E	DA = N68°21'07"E	DA = N67°01'06"E	DA = N56°19'02"E	DA = N55°02'24"E	DA = N48°28'56"E	DA = N42°53'40"E	DA = N39°12'22"E

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	ALIGNMENT DETAILS	SHEET 36	E

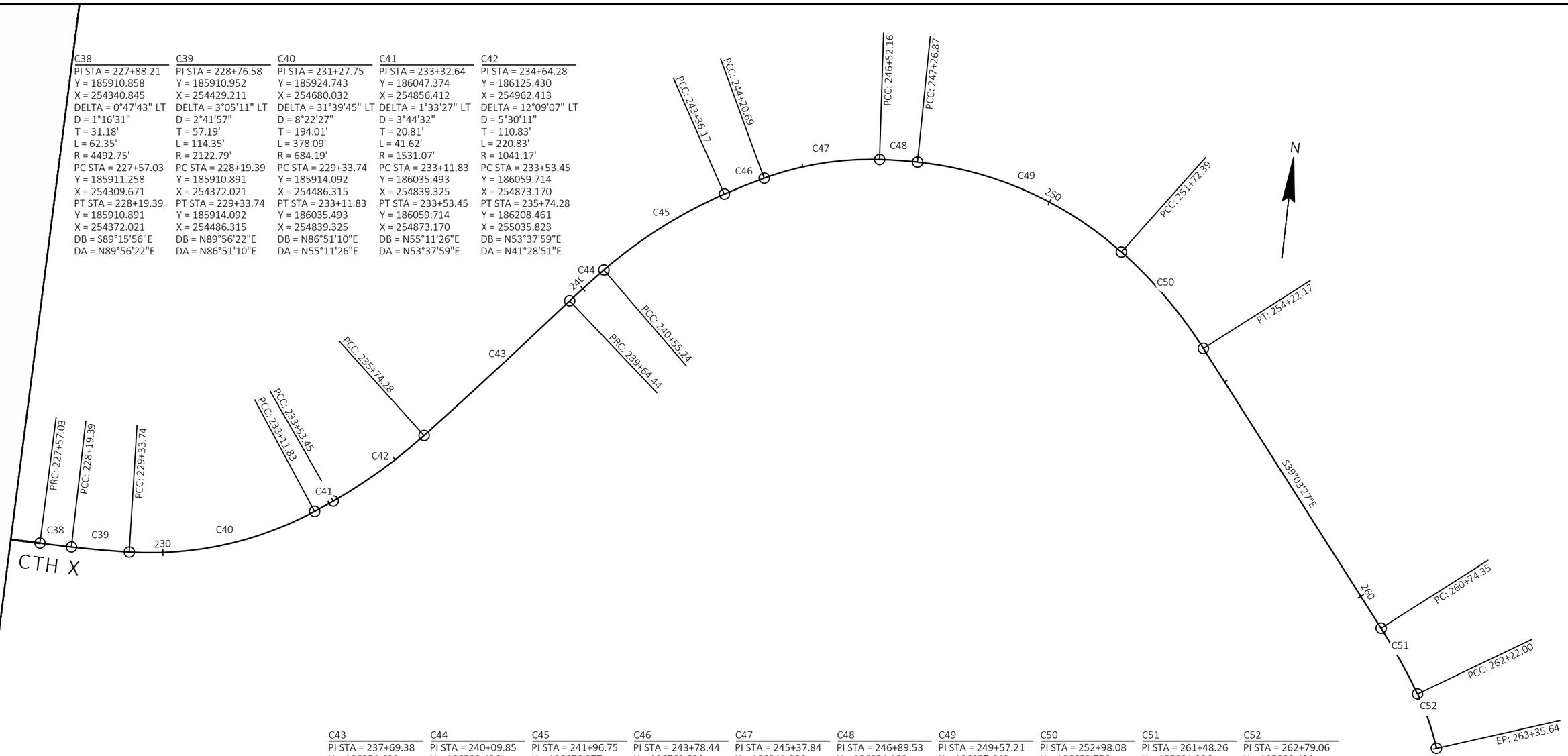
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C28	C29	C30	C31	C32	C33	C34	C35	C36	C37
PI STA = 197+69.57	PI STA = 200+94.41	PI STA = 203+81.09	PI STA = 205+31.08	PI STA = 207+27.92	PI STA = 210+40.50	PI STA = 213+06.91	PI STA = 214+76.13	PI STA = 216+47.54	PI STA = 224+75.71
Y = 185072.067	Y = 185319.604	Y = 185473.527	Y = 185548.497	Y = 185622.545	Y = 185743.740	Y = 185849.481	Y = 185918.120	Y = 185923.051	Y = 185914.865
X = 251569.160	X = 251779.510	X = 252025.880	X = 252155.808	X = 252338.533	X = 252626.670	X = 252871.201	X = 253025.871	X = 253200.228	X = 254028.365
DELTA = 1°09'03" RT	DELTA = 17°38'51" RT	DELTA = 2°00'37" RT	DELTA = 7°55'31" RT	DELTA = 0°45'09" LT	DELTA = 0°34'20" LT	DELTA = 0°32'46" LT	DELTA = 22°18'39" RT	DELTA = 2°11'11" RT	DELTA = 0°10'05" RT
D = 0°41'18"	D = 3°41'12"	D = 2°02'27"	D = 3°56'22"	D = 0°23'25"	D = 0°07'57"	D = 0°32'36"	D = 9°29'46"	D = 1°58'18"	D = 0°01'48"
T = 83.60'	T = 241.24'	T = 49.26'	T = 100.75'	T = 96.41'	T = 216.18'	T = 50.23'	T = 118.98'	T = 55.45'	T = 281.33'
L = 167.19'	L = 478.67'	L = 98.50'	L = 201.18'	L = 192.81'	L = 432.36'	L = 100.47'	L = 234.95'	L = 110.88'	L = 562.66'
R = 8323.90'	R = 1554.09'	R = 2807.36'	R = 1454.40'	R = 14680.69'	R = 43282.15'	R = 10542.59'	R = 603.36'	R = 2905.79'	R = 191709.54'
PC STA = 196+85.97	PC STA = 198+53.16	PC STA = 203+31.83	PC STA = 204+30.33	PC STA = 206+31.51	PC STA = 208+24.32	PC STA = 212+56.68	PC STA = 213+57.15	PC STA = 215+92.10	PC STA = 221+94.38
Y = 185007.290	Y = 185135.770	Y = 185447.428	Y = 185498.144	Y = 185586.336	Y = 185659.924	Y = 185829.543	Y = 185869.858	Y = 185921.484	Y = 185917.646
X = 251516.318	X = 251623.293	X = 251984.106	X = 252068.543	X = 252249.183	X = 252427.400	X = 252825.093	X = 252917.117	X = 253144.804	X = 253747.048
PT STA = 198+53.16	PT STA = 203+31.83	PT STA = 204+30.33	PT STA = 206+31.51	PT STA = 208+24.32	PT STA = 212+56.68	PT STA = 213+57.15	PT STA = 215+92.10	PT STA = 217+02.97	PT STA = 227+57.03
Y = 185135.770	Y = 185447.428	Y = 185498.144	Y = 185586.336	Y = 185659.924	Y = 185829.543	Y = 185869.858	Y = 185921.484	Y = 185922.503	Y = 185911.258
X = 251623.293	X = 251984.106	X = 252068.543	X = 252249.183	X = 252427.400	X = 252825.093	X = 252917.117	X = 253144.804	X = 253255.670	X = 254309.671
DB = N39°12'22"E	DB = N40°21'25"E	DB = N58°00'16"E	DB = N60°00'53"E	DB = N67°56'24"E	DB = N67°11'15"E	DB = N66°36'55"E	DB = N66°04'09"E	DB = N88°22'48"E	DB = S89°26'01"E
DA = N40°21'25"E	DA = N58°00'16"E	DA = N60°00'53"E	DA = N67°56'24"E	DA = N67°11'15"E	DA = N66°36'55"E	DA = N66°04'09"E	DA = N88°22'48"E	DA = S89°26'01"E	DA = S89°15'56"E

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	ALIGNMENT DETAILS	SHEET 37	E

2



C38	C39	C40	C41	C42
PI STA = 227+88.21	PI STA = 228+76.58	PI STA = 231+27.75	PI STA = 233+32.64	PI STA = 234+64.28
Y = 185910.858	Y = 185910.952	Y = 185924.743	Y = 186047.374	Y = 186125.430
X = 254340.845	X = 254429.211	X = 254680.032	X = 254856.412	X = 254962.413
DELTA = 0°47'43" LT	DELTA = 3°05'11" LT	DELTA = 31°39'45" LT	DELTA = 1°33'27" LT	DELTA = 12°09'07" LT
D = 1°16'31"	D = 2°41'57"	D = 8°22'27"	D = 3°44'32"	D = 5°30'11"
T = 31.18'	T = 57.19'	T = 194.01'	T = 20.81'	T = 110.83'
L = 62.35'	L = 114.35'	L = 378.09'	L = 41.62'	L = 220.83'
R = 4492.75'	R = 2122.79'	R = 684.19'	R = 1531.07'	R = 1041.17'
PC STA = 227+57.03	PC STA = 228+19.39	PC STA = 229+33.74	PC STA = 233+11.83	PC STA = 233+53.45
Y = 185911.258	Y = 185910.891	Y = 185914.092	Y = 186035.493	Y = 186059.714
X = 254309.671	X = 254372.021	X = 254486.315	X = 254839.325	X = 254873.170
PT STA = 228+19.39	PT STA = 229+33.74	PT STA = 233+11.83	PT STA = 233+53.45	PT STA = 235+74.28
Y = 185910.891	Y = 185914.092	Y = 186035.493	Y = 186059.714	Y = 186208.461
X = 254372.021	X = 254486.315	X = 254839.325	X = 254873.170	X = 255035.823
DB = S89°15'56"E	DB = N89°56'22"E	DB = N86°51'10"E	DB = N55°11'26"E	DB = N53°37'59"E
DA = N89°56'22"E	DA = N86°51'10"E	DA = N55°11'26"E	DA = N53°37'59"E	DA = N41°28'51"E

C43	C44	C45	C46	C47	C48	C49	C50	C51	C52
PI STA = 237+69.38	PI STA = 240+09.85	PI STA = 241+96.75	PI STA = 243+78.44	PI STA = 245+37.84	PI STA = 246+89.53	PI STA = 249+57.21	PI STA = 252+98.08	PI STA = 261+48.26	PI STA = 262+79.06
Y = 186354.623	Y = 186539.436	Y = 186676.877	Y = 186769.520	Y = 186841.066	Y = 186854.109	Y = 186857.649	Y = 186652.758	Y = 185991.336	Y = 185880.431
X = 255165.049	X = 255318.956	X = 255445.640	X = 255604.362	X = 255746.837	X = 255900.814	X = 256168.500	X = 256459.665	X = 256996.372	X = 257066.052
DELTA = 1°41'40" LT	DELTA = 2°52'52" RT	DELTA = 17°03'41" RT	DELTA = 3°36'25" RT	DELTA = 21°49'19" RT	DELTA = 4°05'03" RT	DELTA = 35°53'30" RT	DELTA = 15°48'31" RT	DELTA = 6°55'00" RT	DELTA = 12°53'30" RT
D = 0°26'03"	D = 3°10'22"	D = 6°04'24"	D = 4°16'05"	D = 9°25'38"	D = 5°28'01"	D = 8°03'22"	D = 6°19'44"	D = 4°41'04"	D = 11°20'39"
T = 195.10'	T = 45.41'	T = 141.51'	T = 42.27'	T = 117.16'	T = 37.37'	T = 230.34'	T = 125.69'	T = 73.92'	T = 57.06'
L = 390.17'	L = 90.80'	L = 280.93'	L = 84.52'	L = 231.48'	L = 74.71'	L = 445.51'	L = 249.79'	L = 147.65'	L = 113.64'
R = 13193.99'	R = 1805.78'	R = 943.41'	R = 1342.47'	R = 607.76'	R = 1048.03'	R = 711.20'	R = 905.30'	R = 1223.10'	R = 505.07'
PC STA = 235+74.28	PC STA = 239+64.44	PC STA = 240+55.24	PC STA = 243+36.17	PC STA = 244+20.69	PC STA = 246+52.16	PC STA = 247+26.87	PC STA = 251+72.39	PC STA = 260+74.35	PC STA = 262+22.00
Y = 186208.461	Y = 186504.542	Y = 186572.825	Y = 186748.211	Y = 186788.490	Y = 186850.955	Y = 186854.603	Y = 186725.092	Y = 186048.732	Y = 185928.748
X = 255035.823	X = 255289.898	X = 255349.732	X = 255567.855	X = 255642.139	X = 255863.577	X = 255938.180	X = 256356.874	X = 256949.798	X = 257035.695
PT STA = 239+64.44	PT STA = 240+55.24	PT STA = 243+36.17	PT STA = 244+20.69	PT STA = 246+52.16	PT STA = 247+26.87	PT STA = 251+72.39	PT STA = 254+22.17	PT STA = 262+22.00	PT STA = 263+35.64
Y = 186504.542	Y = 186572.825	Y = 186748.211	Y = 186788.490	Y = 186850.955	Y = 186854.603	Y = 186725.092	Y = 186555.157	Y = 185928.748	Y = 185826.560
X = 255289.898	X = 255349.732	X = 255567.855	X = 255642.139	X = 255863.577	X = 255938.180	X = 256356.874	X = 256538.863	X = 257035.695	X = 257084.864
DB = N41°28'51"E	DB = N39°47'12"E	DB = N42°40'03"E	DB = N59°43'44"E	DB = N63°20'09"E	DB = N85°09'29"E	DB = N89°14'32"E	DB = S54°51'58"E	DB = S39°03'27"E	DB = S32°08'27"E
DA = N39°47'12"E	DA = N42°40'03"E	DA = N59°43'44"E	DA = N63°20'09"E	DA = N85°09'29"E	DA = N89°14'32"E	DA = S54°51'58"E	DA = S39°03'27"E	DA = S32°08'27"E	DA = S19°14'56"E

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	ALIGNMENT DETAILS	SHEET 38	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\027201-AD.DWG
LAYOUT NAME - 8 Ali-Desc

PLOT DATE : 7/29/2026 1:48 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

SUPERELEVATION TABLE											
CURVE NUMBER	PI STA	RADIUS (FT)	END NORMAL CROWN	LEVEL CROWN	REVERSE CROWN	BEGIN FULL SUPER	END FULL SUPER	REVERSE CROWN	LEVEL CROWN	BEGIN NORMAL CROWN	SE(%)
1	76+84.31	350.00	73+95.62	74+46.62	74+97.62	75+99.62	77+56.51	78+58.51	79+09.51	79+60.51	6
2	90+19.81	1,150.00	85+83.40	86+34.40	86+85.40	87+87.40	92+41.15	93+43.15	93+94.15	94+45.15	6
3	106+98.97	40,000.00	-	-	-	-	-	-	-	-	NC
4	109+88.02	2,261.66	106+99.89	107+50.76	108+01.63	108+67.76	111+07.76	111+73.89	112+24.76	112+75.63	4.6
5	112+50.02	9,410.00	-	-	-	-	-	-	-	-	NC
6	118+55.34	1,768,377.90	-	-	-	-	-	-	-	-	NC
7	127+64.17	168,473.94	-	-	-	-	-	-	-	-	NC
8	136+74.66	16,623.28	-	-	-	-	-	-	-	-	NC
9	138+19.97	9,192.64	137+00.89	137+51.89	138+02.89	138+02.89	138+19.91	-	-	-	2
10	139+96.18	1,905.58	-	-	-	138+96.71	140+95.12	141+71.92	142+23.12	142+74.32	5
11	144+71.26	155,875.53	-	-	-	-	-	-	-	-	NC
12	149+63.46	2,501.66	146+80.23	147+31.39	147+82.55	148+41.39	150+85.10	151+43.93	151+95.10	152+46.26	4.3
13	159+60.49	383,657.81	-	-	-	-	-	-	-	-	NC
14	164+20.76	2,492.21	162+34.93	162+86.10	163+37.26	163+96.10	164+45.39	-	-	-	4.3
15	165+84.79	1,163.40	-	-	-	165+33.05	-	-	-	-	6
16	168+07.02	565.16	-	-	-	-	168+43.89	169+45.89	-	-	6
17	172+09.11	1,140.06	-	-	170+47.89	171+49.89	172+95.62	173+97.62	174+48.62	174+99.62	6
18	175+05.31	15,280.25	-	-	-	-	-	-	-	-	NC
19	177+39.56	1,730.22	175+23.04	175+73.99	176+24.93	177+08.99	177+70.03	-	-	-	5.3
20	179+30.71	424.34	-	-	-	178+66.02	-	-	-	-	6
21	180+86.23	613.67	-	-	-	-	180+80.40	-	-	-	6
22	182+35.67	8,959.90	-	-	-	181+82.40	183+14.51	-	-	-	2
23	185+57.36	2,321.51	-	-	-	183+78.26	187+35.19	-	-	-	4.5
24	188+59.49	7,712.27	-	-	-	187+98.94	189+28.44	-	-	-	2
25	191+42.10	3,432.67	-	-	-	189+75.10	193+08.66	-	-	-	3.5
26	194+08.24	1,432.71	-	-	-	193+86.99	194+29.39	-	-	-	5.7
27	195+82.05	3,229.96	-	-	-	195+09.38	196+06.21	196+49.40	-	-	3.7
28	197+69.57	8,323.90	-	-	197+51.40	197+51.40	198+10.73	-	-	-	2
29	200+94.41	1,554.09	-	-	-	198+99.82	202+85.17	-	-	-	5.5
30	203+81.09	2,807.36	-	-	-	203+66.83	203+95.33	-	-	-	4.1
31	205+31.08	1,454.40	-	-	-	204+78.99	205+82.85	206+77.62	207+28.85	207+80.08	5.7
32	207+27.92	14,680.69	-	-	-	-	-	-	-	-	NC
33	210+40.50	43,282.15	-	-	-	-	-	-	-	-	NC
34	213+06.91	10,542.59	-	-	-	-	-	-	-	-	NC
35	214+76.13	603.36	212+04.14	212+55.14	213+06.14	214+08.14	215+41.10	-	-	-	6
36	216+47.54	2,905.79	-	-	-	216+26.09	216+68.98	217+19.98	217+70.98	218+21.98	4
37	224+75.71	191,709.54	-	-	-	-	-	-	-	-	NC
38	227+88.21	4,492.75	226+56.66	227+07.70	227+58.73	227+81.70	227+94.72	-	-	-	2.9
39	228+76.58	2,122.79	-	-	-	228+59.38	228+93.74	-	-	-	4.7
40	231+27.75	684.19	-	-	-	229+84.73	232+60.84	-	-	-	6
41	233+32.64	1,531.07	-	-	-	233+58.50	233+06.79	-	-	-	5.5
42	234+64.28	1,041.17	-	-	-	234+04.45	235+23.28	236+25.28	236+76.28	237+27.28	6
43	237+69.38	13,193.99	-	-	-	-	-	-	-	-	NC
44	240+09.85	1,805.78	238+24.62	238+75.77	239+26.93	240+08.77	240+10.92	-	-	-	5.2
45	241+96.75	943.41	-	-	-	241+06.24	242+85.17	-	-	-	6
46	243+78.44	1,342.47	-	-	-	243+85.50	243+71.36	-	-	-	5.8
47	245+37.84	607.76	-	-	-	244+71.68	-	-	-	-	6
48	246+89.53	1,048.03	-	-	-	-	-	-	-	-	6
49	249+57.21	711.20	-	-	-	-	-	-	-	-	6
50	252+98.08	905.30	-	-	-	-	253+71.18	254+73.18	255+24.18	255+75.18	6

Estimate Of Quantities

8368-00-70

Line	Item	Item Description	Unit	Total	Qty
0002	204.0150	Removing Curb & Gutter	LF	1,670.000	1,670.000
0004	204.0155	Removing Concrete Sidewalk	SY	20.000	20.000
0006	204.0220	Removing Inlets	EACH	2.000	2.000
0008	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	330.000	330.000
0010	205.0100	Excavation Common	CY	3,200.000	3,200.000
0012	208.0100	Borrow	CY	200.000	200.000
0014	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 8368-00-70	EACH	1.000	1.000
0016	213.0100	Finishing Roadway (project) 01. 8368-00-70	EACH	1.000	1.000
0018	305.0110	Base Aggregate Dense 3/4-Inch	TON	3,670.000	3,670.000
0020	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	14,600.000	14,600.000
0022	325.0100	Pulverize and Relay	SY	57,900.000	57,900.000
0024	374.1010.S	QMP Mill and Relay Compaction	SY	57,900.000	57,900.000
0026	450.4000	HMA Cold Weather Paving	TON	3,700.000	3,700.000
0028	455.0605	Tack Coat	GAL	4,650.000	4,650.000
0030	460.2000	Incentive Density HMA Pavement	DOL	14,900.000	14,900.000
0032	460.5223	HMA Pavement 3 LT 58-28 S	TON	8,400.000	8,400.000
0034	460.5244	HMA Pavement 4 LT 58-34 S	TON	6,500.000	6,500.000
0036	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	50.000	50.000
0038	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	2,000.000	2,000.000
0040	602.0405	Concrete Sidewalk 4-Inch	SF	150.000	150.000
0042	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	10.000	10.000
0044	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	450.000	450.000
0046	611.0430	Reconstructing Inlets	EACH	1.000	1.000
0048	611.0540	Manhole Covers Type K	EACH	2.000	2.000
0050	611.2003	Manholes 3-FT Diameter	EACH	2.000	2.000
0052	611.8110	Adjusting Manhole Covers	EACH	10.000	10.000
0054	612.0902.S	Insulation Board Polystyrene (inch) 01. 2-Inch	SY	170.000	170.000
0056	618.0100	Maintenance and Repair of Haul Roads (project) 01. 8368-00-70	EACH	1.000	1.000
0058	619.1000	Mobilization	EACH	1.000	1.000
0060	624.0100	Water	MGAL	400.000	400.000
0062	625.0100	Topsoil	SY	2,000.000	2,000.000
0064	625.0500	Salvaged Topsoil	SY	10,000.000	10,000.000
0066	628.1504	Silt Fence	LF	11,000.000	11,000.000
0068	628.1520	Silt Fence Maintenance	LF	11,000.000	11,000.000
0070	628.1905	Mobilizations Erosion Control	EACH	4.000	4.000
0072	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000
0074	628.2008	Erosion Mat Urban Class I Type B	SY	12,000.000	12,000.000
0076	628.7010	Inlet Protection Type B	EACH	2.000	2.000
0078	628.7015	Inlet Protection Type C	EACH	9.000	9.000
0080	628.7504	Temporary Ditch Checks	LF	150.000	150.000
0082	628.7555	Culvert Pipe Checks	EACH	15.000	15.000
0084	629.0210	Fertilizer Type B	CWT	3.000	3.000
0086	630.0120	Seeding Mixture No. 20	LB	450.000	450.000
0088	630.0140	Seeding Mixture No. 40	LB	100.000	100.000
0090	630.0500	Seed Water	MGAL	275.000	275.000
0092	634.0612	Posts Wood 4x6-Inch x 12-FT	EACH	54.000	54.000
0094	634.0614	Posts Wood 4x6-Inch x 14-FT	EACH	7.000	7.000
0096	634.0616	Posts Wood 4x6-Inch x 16-FT	EACH	18.000	18.000
0098	637.2210	Signs Type II Reflective H	SF	40.740	40.740

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Line	Item	Item Description	Unit	Total	Qty
0100	637.2230	Signs Type II Reflective F	SF	328.380	328.380
0102	638.2102	Moving Signs Type II	EACH	7.000	7.000
0104	638.2602	Removing Signs Type II	EACH	44.000	44.000
0106	638.3000	Removing Small Sign Supports	EACH	29.000	29.000
0108	638.4000	Moving Small Sign Supports	EACH	4.000	4.000
0110	642.5001	Field Office Type B	EACH	1.000	1.000
0112	643.0300	Traffic Control Drums	DAY	1,300.000	1,300.000
0114	643.0420	Traffic Control Barricades Type III	DAY	4,140.000	4,140.000
0116	643.0705	Traffic Control Warning Lights Type A	DAY	6,980.000	6,980.000
0118	643.0900	Traffic Control Signs	DAY	4,300.000	4,300.000
0120	643.5000	Traffic Control	EACH	1.000	1.000
0122	646.1020	Marking Line Epoxy 4-Inch	LF	90,000.000	90,000.000
0124	646.6120	Marking Stop Line Epoxy 18-Inch	LF	88.000	88.000
0126	648.0100	Locating No-Passing Zones	MI	4.220	4.220
0128	650.4000	Construction Staking Storm Sewer	EACH	4.000	4.000
0130	650.4500	Construction Staking Subgrade	LF	1,285.000	1,285.000
0132	650.5000	Construction Staking Base	LF	16,675.000	16,675.000
0134	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	2,000.000	2,000.000
0136	650.8000	Construction Staking Resurfacing Reference	LF	23,475.000	23,475.000
0138	650.9000	Construction Staking Curb Ramps	EACH	1.000	1.000
0140	650.9500	Construction Staking Sidewalk (project) 01. 8368-00-70	EACH	1.000	1.000
0142	650.9911	Construction Staking Supplemental Control (project) 01. 8368-00-70	EACH	1.000	1.000
0144	650.9920	Construction Staking Slope Stakes	LF	7,485.000	7,485.000
0146	690.0150	Sawing Asphalt	LF	450.000	450.000
0148	690.0250	Sawing Concrete	LF	50.000	50.000
0150	740.0440	Incentive IRI Ride	DOL	8,892.000	8,892.000
0152	999.2100.S	Installing and Maintaining Climbing Turtle Exclusion Fence	LF	11,000.000	11,000.000
0154	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	800.000	800.000
0156	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	600.000	600.000
0158	SPV.0060	Special 01. Adjusting Water Valve Box	EACH	7.000	7.000
0160	SPV.0060	Special 02. Inlet & Cover Special	EACH	2.000	2.000

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CURB & GUTTER SUMMARY

CATEGORY	STATION	TO	STATION	SIDE	REMOVING CURB & GUTTER 204.0150 LF	CONCRETE CURB & GUTTER 30-INCH TYPE D 601.0411 LF	REMARKS
0010	11+22	-	19+24	LT	802	802	
0010	11+22	-	18+77	RT	755	743	
0010	19+61			LT	61	61	WALLEYE AVE
0010	20+00	-	23+41	LT	-	341	
0010	23+77			LT	52	53	PERCH AVE
			TOTAL 0010		1,670	2,000	

SIDEWALK SUMMARY

CATEGORY	STATION	SIDE	REMOVING CONCRETE SIDEWALK 204.0155 SY	CONCRETE SIDEWALK 4-INCH 602.0405 SF	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA 602.0515 SF
0010	16+20	RT	6	40	-
0010	19+35	LT	14	110	10
		TOTAL 0010	20	150	10

STORM SEWER REMOVAL SUMMARY

CATEGORY	STA	TO	STA	REMOVING INLETS 204.0220 EACH	REMOVING STORM SEWER 12-INCH 204.0245 LF
0010	11+15	-	13+57	-	240
0010	13+57	-	13+61	1	45
0010	13+57	-	14+03	1	45
			TOTAL 0010	2	330

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EARTHWORK SUMMARY

CATEGORY	STATION	TO	STATION	SIDE	EXCAVATION COMMON 205.0100 CY	SALVAGED/UNUSEABLE PAVEMENT MATERIAL CY	AVAILABLE MATERIAL CY	UNEXPANDED FILL CY	EXPANDED FILL (FACTOR = 1.25) CY	MASS ORDINATE +/- CY	BORROW 208.0100 CY	REMARKS
0010	11+22	-	24+05	LT/RT	3,200	1,000	2,200	60	75	2,125	-2,125	URBAN RECONSTRUCT
0010	41+00	-	56+00	LT/RT	-	-	-	240	300	-300	300	RAISE ROAD
0010	112+00	-	122+00	LT/RT	-	-	-	340	425	-425	425	RAISE ROAD
0010	125+00	-	141+00	LT/RT	-	-	-	480	600	-600	600	RAISE ROAD
0010	164+00	-	172+00	LT/RT	-	-	-	370	460	-460	460	RAISE ROAD
0010	216+00	-	229+00	LT/RT	-	-	-	430	540	-540	540	RAISE ROAD
				TOTAL 0010	3,200	1,000	2,200	1,920	2,400	-200	200	

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BASE COURSE & ASPHALT SUMMARY

CATEGORY	STATION	TO	STATION	SIDE	ASPHALT THICKNESS (IN)	LAYERS	BASE AGGREGATE DENSE 3/4-INCH 305.0110 TON	BASE AGGREGATE DENSE 1 1/4-INCH 305.0120 TON	PULVERIZE AND RELAY 325.0100 SY	QMP PULVERIZE AND RELAY COMPACTION 374.1020.S SY	HMA COLD WEATHER PAVING 450.4000 TON	TACK COAT 455.0605 GAL	HMA PAVEMENT 3 LT 58-28 S 460.5223 TON	HMA PAVEMENT 4 LT 58-34 S 460.5244 TON	ASPHALTIC SURFACE DIRVEWAYS AND FIELD ENTRANCES 465.0120 TON	WATER 624.0100 MGAL	REMARKS
0010	11+22	-	18+65	LT/RT	4	2	-	2,000	-	-	175	220	400	310	-	30	
0010	18+65	-	24+05	LT/RT	4	2	30	1,165	-	-	100	130	240	185	-	20	
0010	24+05	-	35+95	LT/RT	4	2	120	-	3,200	3,200	175	225	400	310	-	10	
0010	35+95	-	258+80	LT/RT	4	2	3,415	-	54,500	54,500	3,045	3,815	6,890	5,340	-	170	
0010	18+98			RT	4	2	-	75	-	-	10	10	20	15	-	2	APPLE STREET INT.
0010	19+61			LT	4	2	-	55	-	-	5	10	15	10	-	1	WALLEYE AVE INT.
0010	23+77			LT	4	2	-	60	-	-	5	10	15	10	-	1	PERCH AVE INT.
0010	63+35			LT	4	2	-	-	50	50	5	5	10	5	-	1	STENGEL AVE N
0010	63+42			RT	4	2	-	-	150	150	10	10	20	15	-	1	STENGEL AVE S
0010	URBAN DRIVEWAYS						25	-	-	-	-	-	-	-	25	-	
0010	RURAL DRIVEWAYS						80	-	-	-	30	40	70	55	25	-	
0010	SUPERELEVATED CURVES						-	4,735	-	-	140	175	320	245	-	70	
0010	41+00	-	56+00	LT/RT			-	800	-	-	-	-	-	-	-	12	RAISE ROAD
0010	112+00	-	122+00	LT/RT			-	760	-	-	-	-	-	-	-	12	RAISE ROAD
0010	125+00	-	141+00	LT/RT			-	2,830	-	-	-	-	-	-	-	40	RAISE ROAD
0010	164+00	-	172+00	LT/RT			-	645	-	-	-	-	-	-	-	10	RAISE ROAD
0010	216+00	-	229+00	LT/RT			-	1,475	-	-	-	-	-	-	-	20	RAISE ROAD
TOTAL 0010							3,670	14,600	57,900	57,900	3,700	4,650	8,400	6,500	50	400	

STORM SEWER PIPE SUMMARY

CATEGORY	FROM	-	TO	608.0412 SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	612.0902.S INSULATION BOARD POLYSTRYENE 2-INCH SY	DISCHARGE ELEVATION	INLET ELEVATION	SLOPE FT/FT
0010	EX-1	-	MH-2	115	45	978.17	978.31	0.0012
0010	MH-2	-	MH-2A	45	80	978.31	978.36	0.0012
0010	MH-2A	-	INL-2B	125	-	978.36	978.51	0.0012
0010	MH-2	-	INL-3	165	45	978.31	978.51	0.0012
TOTAL 0010				450	170			

STORM SEWER STRUCTURES SUMMARY

CATEGORY	STRUCTURE	STATION	OFFSET*	611.0430 RECONSTRUCTING INLETS EACH	611.0540 MANHOLE COVERS TYPE K EACH	611.2003 MANHOLES 3-FT DIAMETER EACH	SPV.0060.02 INLET & COVER SPECIAL EACH	RIM** ELEVATION	INVERT*** ELEVATION	DEPTH**** FT
0010	EX-1	11+14.74	25.31' RT	1				980.37	977.37	1.76
0010	MH-2	12+27.61	24.96' RT		1	1		981.59	978.14	2.36
0010	MH-2A	12+27.61	21.50' LT		1	1		981.51	978.37	2.23
0010	INL-2B	13+50.00	21.33' LT				1	980.47	978.51	1.29
0010	INL-3	13+89.62	23.33' RT				1	980.15	978.15	1.17
			TOTAL 0010	1	2	2	2			

REMARKS:
*STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE
**RIM ELEV IS AT THE INLET COVER FLANGE LOCATION
***THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE
****DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT - 6-INCH ADJUSTMENT RING HEIGHT

3

ADJUSTING COVERS SUMMARY

CATEGORY	STATION	ADJUSTING MANHOLE COVERS 611.8110 EACH	ADJUSTING WATER VALVE BOX SPV.0060.01 EACH	REMARKS
0010	12+53	1	-	SANITARY MANHOLE
0010	14+35	1	-	SANITARY MANHOLE
0010	16+49	-	1	WATER VALVE
0010	17+26	1	-	SANITARY MANHOLE
0010	18+82	1	-	SANITARY MANHOLE
0007	19+19	-	1	WATER VALVE
0008	19+35	-	1	WATER VALVE
0009	19+38	-	1	WATER VALVE
0010	19+44	-	1	WATER VALVE
0010	20+02	1	-	SANITARY MANHOLE
0010	22+55	1	-	SANITARY MANHOLE
0010	23+83	1	-	SANITARY MANHOLE
0010	24+21	-	1	WATER VALVE
0010	27+84	1	-	SANITARY MANHOLE
0010	30+99	-	1	WATER VALVE
0010	31+84	1	-	SANITARY MANHOLE
0010	35+82	1	-	SANITARY MANHOLE
TOTAL 0010		10	7	

RESTORATION SUMMARY

CATEGORY	STATION TO STATION	SIDE	TOPSOIL 625.0100 SY	SALVAGED TOPSOIL 625.0500 SY	EROSION MAT URBAN CLASS I TYPE B 628.2008 SY	TEMPORARY DITCH CHECKS 628.7504 LF	CULVERT PIPE CHECKS 628.7555 EA	FERTILIZER TYPE B 629.0210 CWT	SEEDING MIX NO. 20 630.0140 LB	SEEDING MIX NO. 40 630.0140 LB	SEED WATER 630.0500 MGAL
0010	11+00 - 24+05	LT/RT	1,550	-	1,550	20	5	0.4	-	70	35
0010	41+00 - 56+00	LT/RT	-	1,400	1,400	-	2	0.1	63	-	30
0010	112+00 - 122+00	LT/RT	-	1,150	1,150	-	2	0.1	52	-	25
0010	125+00 - 141+00	LT/RT	-	2,110	2,110	-	-	0.2	95	-	50
0010	164+00 - 172+00	LT/RT	-	1,075	1,075	90	1	0.1	49	-	25
0010	216+00 - 229+00	LT/RT	-	2,110	2,110	-	1	0.2	95	-	50
0010	UNDISTRIBUTED		450	2,155	2,605	40	4	1.9	96	30	60
		TOTAL 0010	2,000	10,000	12,000	150	15	3	450	100	275

SILT FENCE SUMMARY

CATEGORY	STATION TO STATION	SIDE	SILT FENCE 628.1504 LF	SILT FENCE MAINTENANCE 628.1520 LF	INSTALLING AND MAINTAINING CLIMBING TURTLE EXCLUSION FENCE 999.2100.S LF
0010	41+90 - 51+50	LT	990	990	990
0010	42+75 - 51+00	RT	855	855	855
0010	113+00 - 119+25	LT	655	655	655
0010	113+00 - 119+40	LT	670	670	670
0010	125+00 - 128+25	LT	355	355	355
0010	125+90 - 128+75	RT	315	315	315
0010	130+00 - 140+50	LT	1,080	1,080	1,080
0010	130+50 - 132+75	RT	255	255	255
0010	163+75 - 172+10	LT	865	865	865
0010	163+75 - 172+10	RT	865	865	865
0010	219+25 - 229+05	LT	1,010	1,010	1,010
0010	219+50 - 228+95	RT	975	975	975
0010	UNDISTRIBUTED		2,110	2,110	2,110
		TOTAL 0010	11,000	11,000	11,000

EROSION CONTROL MOBILIZATION SUMMARY

CATEGORY	LOCATION	MOBILIZATIONS EROSION CONTROL 628.1905 EA	MOBILIZATIONS EMERGENCY EROSION CONTROL 628.1910 EA	REMARKS
0010	PROJECT	1	-	TURTLE/SILT FENCE
0010	PROJECT	1	-	INLET/CULVERT PROTECTION
0010	PROJECT	1	-	URBAN RESTORATION
0010	PROJECT	1	-	RURAL RESTORATION
0010	PROJECT	-	2	UNDISTRIBUTED
	TOTAL 0010	4	2	

INLET PROTECTION SUMMARY

CATEGORY	STATION	SIDE	INLET PROTECTION TYPE B 628.7010 EACH	INLET PROTECTION TYPE C 628.7015 EACH	REMARKS
0010	10+93	LT	-	1	
0010	11+14	RT	1	-	
0010	13+50	LT	-	1	NEW INLET
0010	13+61	LT	-	1	
0010	13+90	RT	-	1	NEW INLET
0010	14+03	RT	-	1	
0010	19+43	LT	-	1	
0010	19+81	LT	-	1	
0010	19+88	LT	1	-	
0010	23+60	LT	-	1	
0010	23+94	LT	-	1	
TOTAL 0010			2	9	

3

SIGNS SUMMARY

CATEGORY	SIGN NUMBER	SIGN CODE	COUNT	STATION	SIDE	SIGN SIZE WXH IN.	POSTS WOOD 4X6-INCH X 12-FT 634.0612 EACH	POSTS WOOD 4X6-INCH X 14-FT 634.0614 EACH	POSTS WOOD 4X6-INCH X 16-FT 634.0616 EACH	SIGNS TYPE II REFLECTIVE H 637.2210 SF	SIGNS TYPE II REFLECTIVE F 637.2230 SF	MOVING SIGNS TYPE II 638.2102 EACH	REMOVING SIGNS TYPE II 638.2602 EACH	REMOVING SMALL SIGN SUPPORTS 638.3000 EACH	MOVING SMALL SIGN SUPPORTS 638.4000 EACH	REMARKS
0010	1-1	S1-1	1	12+12	RT	36x36			1		4.69		1	1		
0010	1-2	M1-6	1	12+17	LT	24X24		1		4.00			1	1		
0010		M2-1	1			21X15				2.20			1			
0010	1-3	M1-5-A	1	12+36	RT	24X24		1		4.00			1	1		
0010	1-4			18+39	LT							1			1	SNOW REMOVAL ORDINANCE
0010	1-5	R2-1	1	18+67	RT	24X30		1		5.00			1	1		25
0010	1-6			18+75	RT							2			1	E ALDER ST / E APPLE ST
0010	1-7			19+29	LT							2			1	E ALDER ST / S WALLEYE AVE
0010	1-8	R1-1	1	19+38	LT	30X30		1		5.18			1	1		
0010	1-9	S1-1	1	21+15	LT	36X36			1		4.69		1	1		
0010	1-10			23+51	LT							2			1	E ALDER ST / S PERCH AVE
0010	1-11	R1-1	1	23+56	LT	30X30		1		5.18			1	1		
0010	1-12	R2-1	1	34+26	LT	24X30			1	5.00			1	1		25
0010	2-1	R2-1	1	41+67	RT	24X30			1	5.00			1	1		55
0010	2-2	W3-5	1	41+68	LT	36X36			1		9.00		2	1		25
0010	2-3	W14-1	1	63+51	LT	30X30		1			6.25		1	1		
0010	2-4	R1-1	1	63+64	RT	30X30		1		5.18			1	1		
0010	3-1	W1-2-R	1	71+52	RT	36X36			1		9.00		1	1		
0010		W13-1	1			18X18					2.25		1			30
0010	3-2	W1-8	4	75+49	LT	18X24	4				12.00					
0010	3-3	W1-8	4	78+07	LT	18X24	4				12.00					
0010	3-4	W1-2-L	1	81+65	LT	36X36			1		9.00		1	1		
0010		W13-1	1			18X18					2.25		1			30
0010	3-5	W1-2-L	1	84+83	RT	36X36			1		9.00		1	1		
0010	3-6	W1-2-R	1	96+59	LT	36X36			1		9.00		1	1		
0010	6-1	W1-2-R	1	162+97	RT	36X36			1		9.00		1	1		
0010		W13-1	1			18X18					2.25		1			40
0010	6-2	W1-8	4	165+73	LT	18X24	4				12.00					
0010	6-3	W1-8	4	168+34	LT	18X24	4				12.00					
0010	6-4	W1-2-L	1	172+73	LT	36X36			1		9.00		1	1		
0010		W13-1	1			18X18					2.25		1			40
0010	6-5	W1-2-L	1	175+58	RT	36X36			1		9.00		1	1		
0010		W13-1	1			18X18					2.25		1			35
0010	6-6	W1-8	2	178+15	RT	18X24	2				6.00					
0010	6-7	W1-8	2	180+41	RT	18X24	2				6.00					

3

SIGNS SUMMARY ~CONTINUED~

CATEGORY	SIGN NUMBER	SIGN CODE	COUNT	STATION	SIDE	SIGN SIZE WXH IN.	POSTS WOOD 4X6-INCH X 12-FT 634.0612 EACH	POSTS WOOD 4X6-INCH X 14-FT 634.0614 EACH	POSTS WOOD 4X6-INCH X 16-FT 634.0616 EACH	SIGNS TYPE II REFLECTIVE H 637.2210 SF	SIGNS TYPE II REFLECTIVE F 637.2230 SF	MOVING SIGNS TYPE II 638.2102 EACH	REMOVING SIGNS TYPE II 638.2602 EACH	REMOVING SMALL SIGN SUPPORTS 638.3000 EACH	MOVING SMALL SIGN SUPPORTS 638.4000 EACH	REMARKS
0010	7-1			197+30	RT								2	1		45
0010	7-2			205+45	LT								2	1		45
0010	7-3	W1-2-R	1	209+80	RT	36X36			1		9.00		1	1		
0010		W13-1	1			18X18					2.25		1			40
0010	7-4	W1-8	3	213+57	LT	18X24	3				9.00					
0010	7-5	W1-8	3	215+92	LT	18X24	3				9.00					
0010	7-6	W1-2-L	1	219+27	LT	36X36			1		9.00		1	1		
0010		W13-1	1			18X18					2.25		1			40
0010	8-1			222+21	RT								1	1		
0010	8-2	W1-2-L	1	225+89	RT	36X36			1		9.00		1	1		
0010		W13-1	1			18x18					2.25		1			45
0010	8-3			226+36	LT								1	1		
0010	8-4	W1-8	4	229+34	RT	18X24	4				12.00					
0010	8-5	W1-8	4	233+12	RT	18X24	4				12.00					
0010	8-6	W1-2-R	1	238+41	RT	36X36			1		9.00		1	1		
0010		W13-1	1			18X18					2.25		1			40
0010	8-7	W1-2-R	1	238+43	LT	36X36			1		9.00		1	1		
0010		W13-1	1			18X18					2.25		1			45
0010	8-8	W1-8	9	241+18	LT	18X24	9				27.00					
0010	8-9	W1-8	8	249+93	LT	18X24	8				24.00					
0010	9-1	W1-8	1	252+10	LT	18X24	1				3.00					
0010	9-2	W1-8	2	251+72	LT	18X24	2				6.00					
0010	9-3	W1-2-R	1	258+56	RT	36X36			1		9.00		1	1		
0010		W13-1	1			18X18					2.25		1			40
			91		TOTAL 0010:		54	7	18	40.74	328.38	7	44	29	4	

3

TRAFFIC CONTROL SUMMARY

CATEGORY	CALENDAR DAYS	TRAFFIC CONTROL DRUMS 643.0300 #	TRAFFIC CONTROL DRUMS 643.0300 DAYS	TRAFFIC CONTROL BARRICADES TYPE III 643.0420 #	TRAFFIC CONTROL BARRICADES TYPE III 643.0420 DAYS	TRAFFIC CONTROL WARNING LIGHTS TYPE A 643.0705 #	TRAFFIC CONTROL WARNING LIGHTS TYPE A 643.0705 DAYS	TRAFFIC CONTROL SIGNS 643.0900 #	TRAFFIC CONTROL SIGNS 643.0900 DAYS	REMARKS
0010	130	-	-	-	-	-	-	3	390	ROAD WORK AHEAD BEGIN PROJECT
0010	130	-	-	6	780	12	1,560	7	910	ADVANCE WARNING END PROJECT
0010	130	-	-	4	520	8	1,040	4	520	ADVANCE WARNING STENGEL RD
0010	130	-	-	-	-	-	-	1	130	ROAD WORK AHEAD GASLYN ROAD
0010	130	-	-	10	1,300	20	2,600	9	1,170	URBAN RECONSTRUCTION
0010	40	-	-	6	240	12	480	7	280	URBAN RECONSTRUCTION IF REQUIRE
0010	90	-	-	-	-	-	-	10	900	LOOSE GRAVEL/DIP SIGNS
0010	130	10	1,300	10	1,300	10	1,300	-	-	UNDISTRIBUTED
	TOTAL 0010		1,300		4,140		6,980		4,300	

PAVEMENT MARKING SUMMARY

CATEGORY	STATION	TO	STATION	MARKING LINE EPOXY 4-INCH 646.1020 LF	MARKING LINE EPOXY 4-INCH, YELLOW * LF	MARKING LINE EPOXY 4-INCH, WHITE * LF	MARKING STOP LINE EPOXY 18-INCH 646.2120 LF	LOCATING NO-PASSING ZONES 648.0100 MI	REMARKS
0010	11+05	-	16+15	650	650	-	-	-	CENTERLINE SKIP/SOLID
0010	16+15	-	35+95	510	510	-	-	-	CENTERLINE SKIPS
0010	35+95	-	258+80	-	-	-	-	4.22	RURAL PROJECT
0010	35+95	-	49+50	350	350	-	-	-	ASSUME CENTERLINE SKIPS
0010	49+50	-	58+00	1,075	1,075	-	-	-	ASSUME CENTERLINE SKIP/SOLID
0010	58+00	-	258+80	40,160	40,160	-	-	-	ASSUME DOUBLE YELLOW CENTERLINE
0010	19+78	-	62+95	4,317	-	4,317	-	-	RT EDGE LINE
0010	63+77	-	258+80	19,503	-	19,503	-	-	RT EDGE LINE
0010	24+45	-	258+80	23,435	-	23,435	-	-	LT EDGE LINE
0010	11+05	-		-	-	-	20	-	STH 35/CTH X
0010	19+00	-		-	-	-	14	-	APPLE STREET
0010	19+50	-		-	-	-	18	-	WALLEYE AVE
0010	23+70	-		-	-	-	18	-	PERCH AVE
0010	63+45	-		-	-	-	18	-	STENGEL AVENUE S.
			TOTAL 0010	90,000	42,745	47,255	88	4.22	

*FOR INFORMATION ONLY

3

CONSTRUCTION STAKING SUMMARY

CATEGORY	LOCATION	TO	LOCATION	CONSTRUCTION STAKING STORM SEWER 650.4000 EA	CONSTRUCTION STAKING SUBGRADE 650.4500 LF	CONSTRUCTION STAKING BASE 650.5000 LF	CONSTRUCTION STAKING CURB & GUTTER 650.5500 LF	CONSTRUCTION STAKING RESURFACING REFERENCE 650.8000 LF	CONSTRUCTION STAKING CURB RAMP 650.9000 EA	CONSTRUCTION STAKING SIDEWALK (8368-00-70) 650.9500 EA	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (8368-00-70) 650.9911 EA	CONSTRUCTION STAKING SLOPE STAKES 650.9920 LF	REMARKS
0010	PROJECT			4	-	-	2,000	-	1	1	1	-	SEE OTHER SUMMARY SHEETS FOR LOCATIONS
0010	11+22	-	24+05	-	1,285	1,285	-	-	-	-	-	1,285	URBAN RECONSTRUCTION
0010	24+05	-	258+80	-	-	-	-	23,475	-	-	-	-	RURAL PULVERIZE & RELAY
0010	41+00	-	56+00	-	-	1,500	-	-	-	-	-	1,500	RAISE ROAD SECTION
0010	112+00	-	122+00	-	-	1,000	-	-	-	-	-	1,000	RAISE ROAD SECTION
0010	125+00	-	141+00	-	-	1,600	-	-	-	-	-	1,600	RAISE ROAD SECTION
0010	164+00	-	172+00	-	-	800	-	-	-	-	-	800	RAISE ROAD SECTION
0010	216+00	-	229+00	-	-	1,300	-	-	-	-	-	1,300	RAISE ROAD SECTION
0010	UNDISTRIBUTED			-	-	9,190	-	-	-	-	-	-	SUPER ELEVATION CORRECTION
	TOTAL 0010			4	1,285	16,675	2,000	23,475	1	1	1	7,485	

SAWING SUMMARY

CATEGORY	STATION	SIDE	SAWING ASPHALT 690.0150 LF	SAWING CONCRETE 690.0250 LF	REMARKS
0010	11+22	LT/RT	38	5	BEGIN PROJECT
0010	14+26	RT	12	-	DRIVEWAY
0010	14+50	LT	29	-	DRIVEWAY
0010	15+18	LT	34	-	DRIVEWAY
0010	16+20	RT	-	3	SIDEWALK
0010	16+84	RT	14	-	DRIVEWAY
0010	18+98	RT	24	-	APPLE ST
0010	19+35	LT	-	24	SIDEWALK
0010	19+61	LT	38	-	WALLEYE AVE
0010	23+77	LT	32	5	PERCH AVE
0010	63+35	LT	15	-	STENGEL AVE N
0010	63+42	RT	23	-	STENGEL AVE S
0010	78+83	RT	36	-	DRIVEWAY
0010	100+88	LT	56	-	DRIVEWAY
0010	105+73	RT	66	-	DRIVEWAY
0010	258+80	LT/RT	22	-	END PROJECT
0010	UNDISTRIBUTED		11	13	
	TOTAL 0010		450	50	

NOTES

PROPERTY LINES & OWNER INFORMATION IS FROM BURNETT COUNTY GIS (2024)

SIGNS ARE FOR REFERENCE ONLY

UTILITY LEGEND

1 VILLAGE OF WEBSTER FORCEMAIN, WATER, AND SANITARY

2 NORTHWESTERN WI ELECTRIC CO

3 WE ENERGIES

BEGIN PROJECT
STA 11+22.34
SAWCUT REQUIRED
MATCH EXISTING

STA 11+80, LT, UNIMPROVED, CE
CONSTRUCT DRIVEWAY

CONTROL POINT 21
Y = 186137.166
X = 233830.562
SPIKE

STA 14+50, LT, ASPH, CE
CONSTRUCT DRIVEWAY

STA 15+18, LT, ASPH, CE
CONSTRUCT DRIVEWAY

HWY 35/ LAKELAND AVE S

ALDER STREET W

CTH X/ E ALDER STREET

EXISTING BRIGHTSPEED PEDESTAL TO BE REMOVED PRIOR TO CONSTRUCTION

STA 11+87, RT, GRAVEL, CE
CONSTRUCT DRIVEWAY

CAUTION

STA 12+91, RT, GRAVEL, PE
CONSTRUCT DRIVEWAY

STA 14+26, RT, ASPH, PE
CONSTRUCT DRIVEWAY

STA 12+25 - 19+18 BRIGHTSPEED UTILITY LINE TO BE ABANDONED IN PLACE PRIOR TO CONSTRUCTION

JOSHUA J & JENNA M HENRY

MATCH LINE 16+00

BENCH MARKS

NO.	STATION	ELEV.	DESCRIPTION
21	11+99.15 LT	981.53	SPIKE

BEGIN PROJECT
11+22.34

STA 11+22.34
EL 981.52

VPC STA 11+40.00
VPC EL 981.57

VPI STA 12+00.00
VPI EL 981.75

VPT STA 12+60.00
VPT EL 981.15

VCL = 125.00
K = 95.66

LP STA 13+89.62
LP EL 980.33

0.30%

1.00%

0.30%

EXISTING PROFILE ALONG R/L

PROPOSED DESIGN PROFILE ALONG R/L

HP STA 11+67.24
HP EL 981.61

VCL = 120.00
K = 92.32

VPC STA 12+93.50
VPC EL 980.81

VPI STA 13+56.00
VPI EL 980.18

VPT STA 14+18.50
VPT EL 980.37

EXISTING
PROPOSED

981.52		981.60		981.62	981.60	981.81	981.55	981.58	981.24	981.20	980.75	980.82	980.41	980.71	980.33	980.68	980.47	980.84	980.62	981.00	980.77	981.20	980.92

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 48 E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050101-PP.DWG
LAYOUT NAME - 01

PLOT DATE : 7/29/2026 1:49 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

UTILITY LEGEND	
1	VILLAGE OF WEBSTER FORCEMAIN, WATER, AND SANITARY
2	NORTHWESTERN WI ELECTRIC CO
3	WE ENERGIES

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
22	17+41.80 RT	981.25	SPIKE

STA 12+25 - 19+18 BRIGHTSPEED UTILITY LINE TO BE ABANDONED IN PLACE PRIOR TO CONSTRUCTION

STA 19+35, -32.5' LT SAWCUT REQUIRED MATCH EXISTING

WALLEYE AVE

STA 19+61, -40.0' LT SAWCUT REQUIRED MATCH EXISTING

POWER POLES TO BE RELOCATED BY OTHERS PRIOR TO CONSTRUCTION

STA 21+58, LT, GRAVEL, PE CONSTRUCT DRIVEWAY

MATCH LINE 16+00

MATCH LINE 22+00

CTH X/ E ALDER STREET

CTH X/ E ALDER STREET

STA 16+19, 27.5' RT SAWCUT REQUIRED MATCH EXISTING

STA 16+84, RT, ASPH, PE CONSTRUCT DRIVEWAY

CONTROL POINT 22
Y = 186077.396
X = 234371.890
SPIKE

CAUTION

STA 18+98, 39.0' RT SAWCUT REQUIRED MATCH EXISTING

APPLE ST E

NOTES

PROPERTY LINES & OWNER INFORMATION IS FROM BURNETT COUNTY GIS (2024)

SIGNS ARE FOR REFERENCE ONLY

VCL = 150.01
K = 82.43

VPC STA 20+30.01
VPC EL 984.58

VPI STA 21+25.00
VPI EL 986.60

2.12%

EXISTING PROFILE ALONG R/L
PROPOSED DESIGN PROFILE ALONG R/L

0.30%

HP STA 21+84.12
HP EL 986.22

VCL = 189.98
K = 72.63

VPC STA 18+25.00
VPC EL 981.60

VPI STA 19+00.00
VPI EL 981.83

VPT STA 19+75.00
VPT EL 983.42

EXISTING
PROPOSED

981.20	980.92	981.39	981.07	981.50	981.22	981.61	981.37	981.64	981.52	981.75	981.71	982.03	982.17	982.23	982.92	982.95	983.95	983.75	984.98	984.45	985.73	984.96	986.14	985.17	986.20

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 49	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050101-PP.DWG
LAYOUT NAME - 02

PLOT DATE : 7/29/2026 1:49 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

UTILITY LEGEND

1 VILLAGE OF WEBSTER FORCEMAIN, WATER, AND SANITARY

2 NORTHWESTERN WI ELECTRIC CO

3 WE ENERGIES

MATCH LINE 22+00

MATCH LINE 28+00.02

PERCH AVE

STA 22+54, LT, GRAVEL, PE
CONSTRUCT DRIVEWAY

POWER POLES TO BE
RELOCATED BY OTHERS
PRIOR TO CONSTRUCTION

STA 23+77, -40.3' LT
SAWCUT REQUIRED
MATCH EXISTING
SI

CTH X/ E ALDER STREET

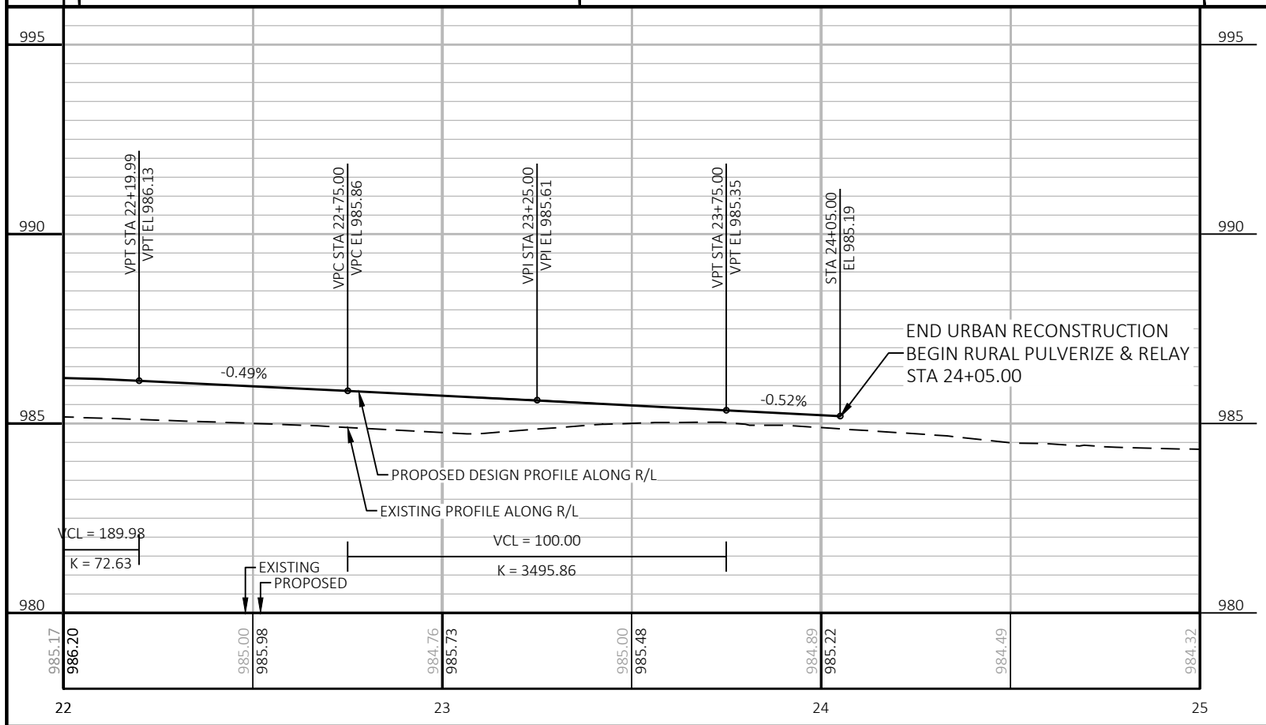
SI

STA 23+46, RT, GRAVEL, PE
CONSTRUCT DRIVEWAY

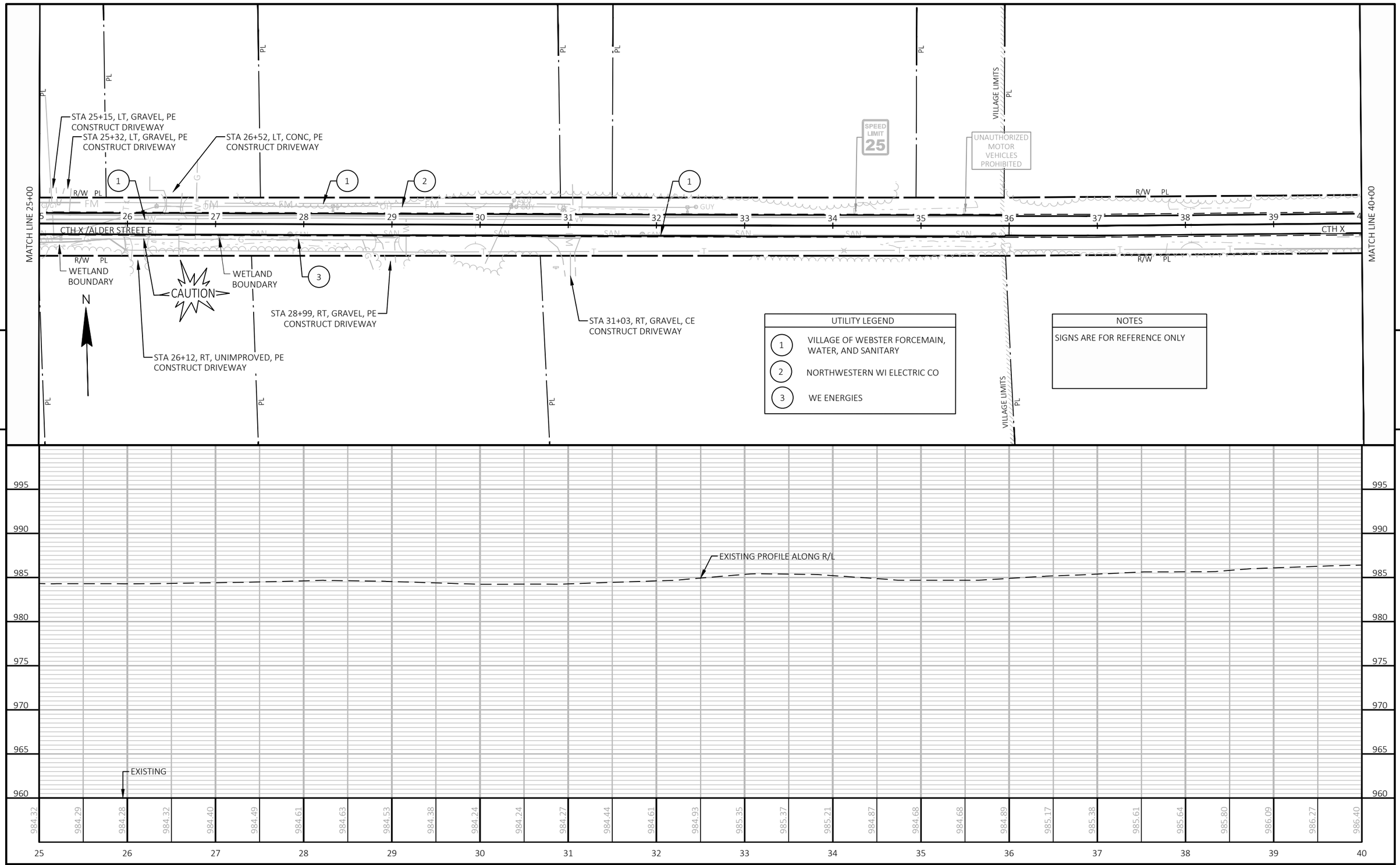
END URBAN RECONSTRUCTION
BEGIN RURAL PULVERIZE & RELAY
STA 24+05.00

CAUTION

N



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 50	E

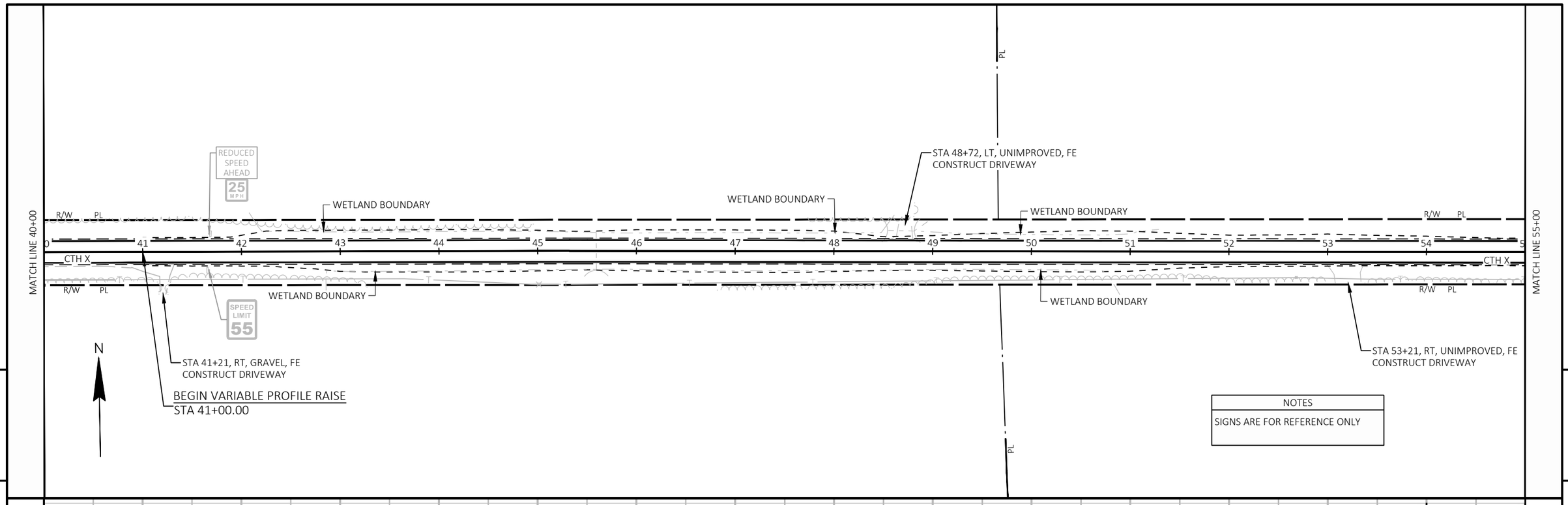


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 51	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 1 PlnProf

PLOT DATE : 7/29/2026 1:49 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 52	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 2 PlnProf

PLOT DATE : 7/29/2026 1:49 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

UTILITY LEGEND	
1	POLK-BURNETT ELECTRIC COOP

NOTES
SIGNS ARE FOR REFERENCE ONLY

MATCH LINE 55+00

MATCH LINE 70+00

STENGEL AVE

STA 55+97, LT, UNIMPROVED, FE
CONSTRUCT DRIVEWAY

STA 58+11, LT, GRAVEL, FE
CONSTRUCT DRIVEWAY

STA 60+63, LT, GRAVEL, PE
CONSTRUCT DRIVEWAY

STA 63+35, -31.3' LT
SAWCUT REQUIRED
MATCH EXISTING

DEAD END

WETLAND BOUNDARY

CTH X

END VARIABLE PROFILE RAISE
STA 56+00.00

STA 56+00, RT, GRAVEL, PE
CONSTRUCT DRIVEWAY

STA 58+79, RT, UNIMPROVED, PE
CONSTRUCT DRIVEWAY

STA 63+42, 48.7' RT
SAWCUT REQUIRED
MATCH EXISTING

N

R/W PL

5

5

VPI STA 55+00.00
VPI EL 988.48

VPT STA 56+00.00
VPT EL 988.68

END VARIABLE PROFILE RAISE
STA 56+00.00

EXISTING PROFILE ALONG R/L

PROPOSED DESIGN PROFILE ALONG R/L

VCL = 200.00

K = 984.15

EXISTING PROFILE ALONG R/L

EXISTING
PROPOSED

988.17	988.43	988.20	988.57	988.35	988.68	988.49	988.46	988.36	988.11	987.68	986.96	985.88	984.03	981.84	979.06	975.94	972.80	970.15	968.37	966.91	965.80	964.95	964.07	963.31	962.64	962.24	961.79	960.92	960.03	959.22	958.47	957.94	957.42
55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70																		

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 53	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 3 PlnProf

PLOT DATE : 7/29/2026 1:49 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTES
SIGNS ARE FOR REFERENCE ONLY

UTILITY LEGEND	
1	POLK-BURNETT ELECTRIC COOP

WETLAND BOUNDARY

R/W PL

CTH X

MATCH LINE 70+00

WETLAND BOUNDARY

STA 72+07, RT, UNIMPROVED, FE
CONSTRUCT DRIVEWAY

STA 73+20, RT, UNIMPROVED, FE
CONSTRUCT DRIVEWAY

STA 78+83, 17.2' RT
SAWCUT REQUIRED
MATCH EXISTING

STA 79+03, RT, ASPH, PE
CONSTRUCT DRIVEWAY

WETLAND BOUNDARY

WETLAND BOUNDARY

STA 83+86, RT, UNIMPROVED, FE
CONSTRUCT DRIVEWAY

CTH X

MATCH LINE 85+00

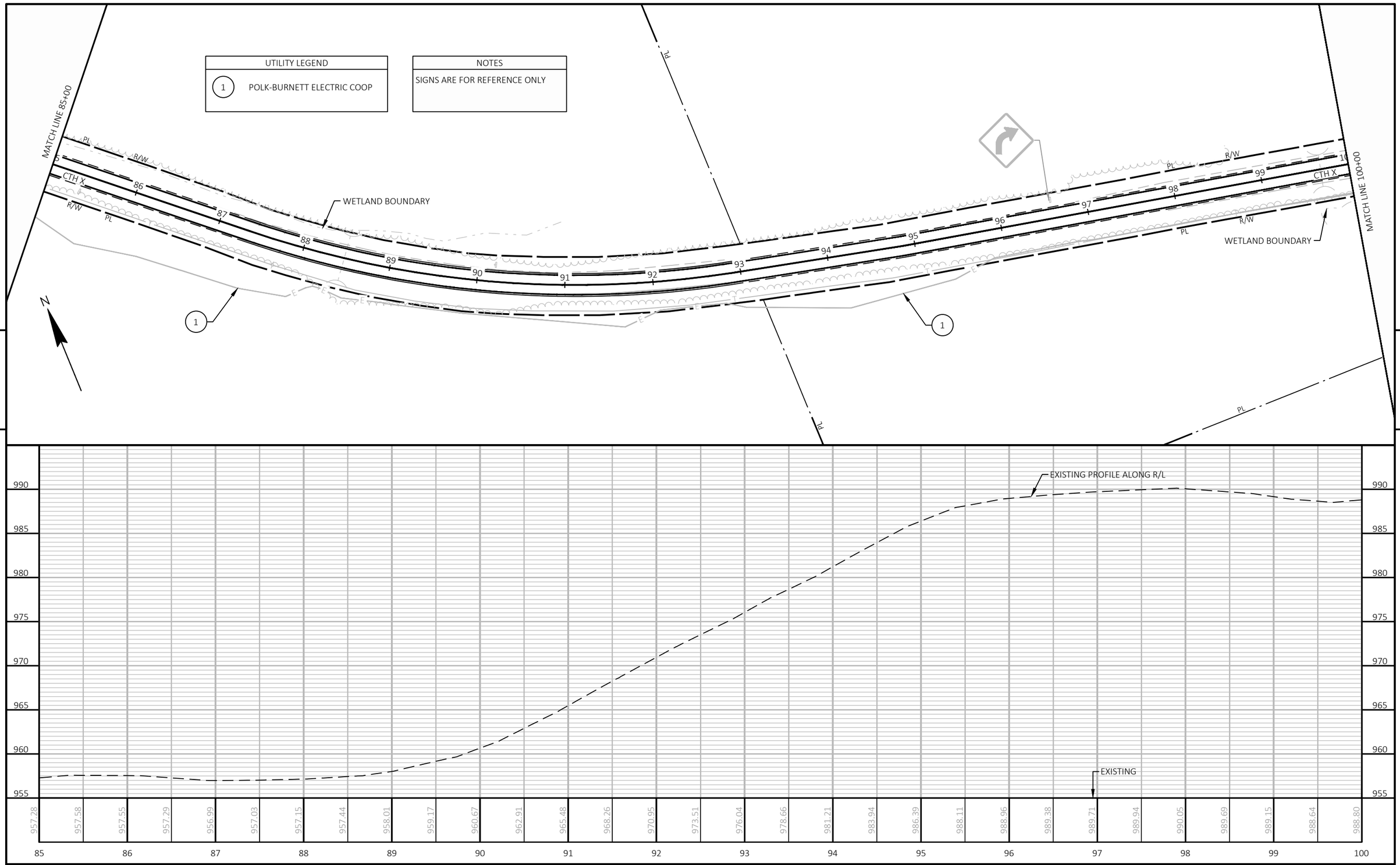
EXISTING PROFILE ALONG R/L

EXISTING

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 54 E

UTILITY LEGEND	
1	POLK-BURNETT ELECTRIC COOP

NOTES
SIGNS ARE FOR REFERENCE ONLY

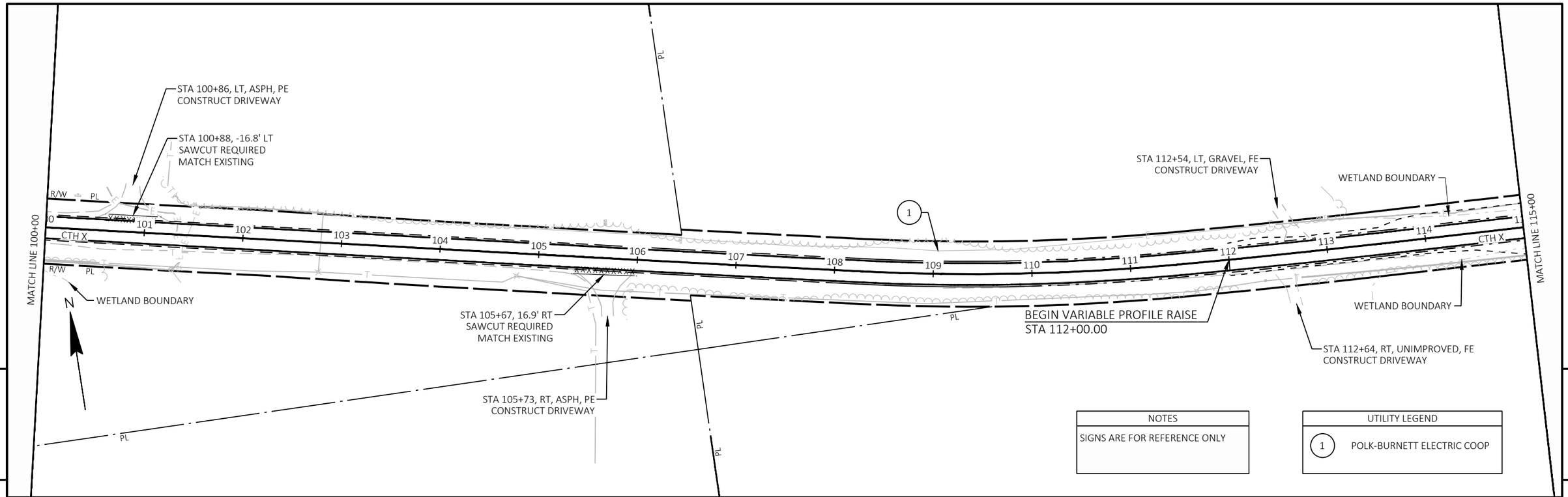


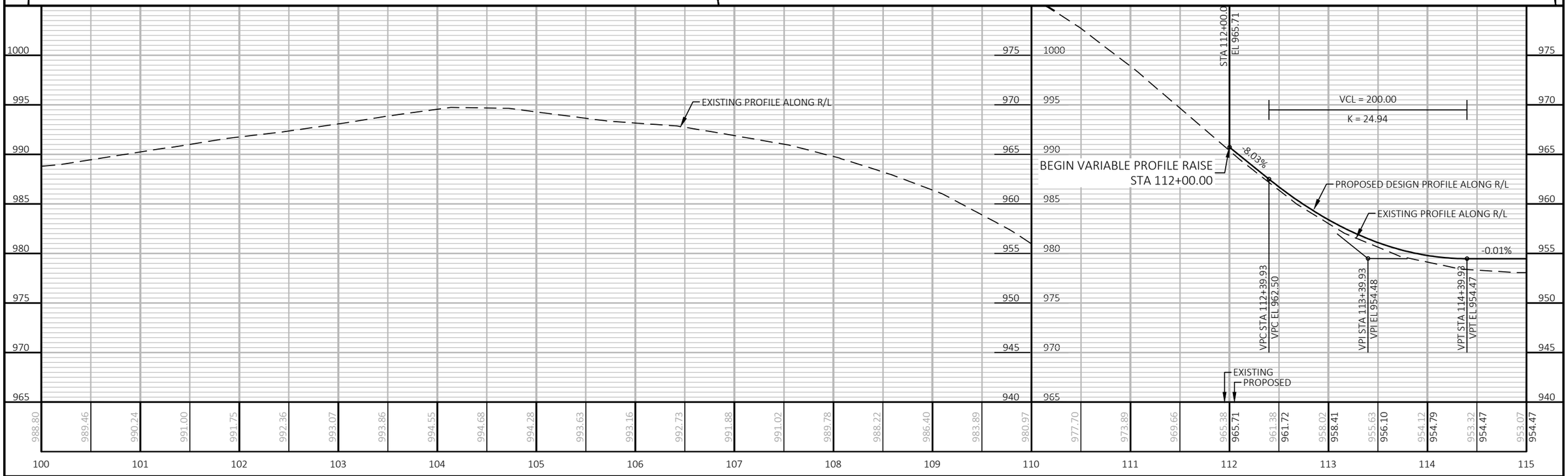
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 55	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 5 PlnProf

PLOT DATE : 7/29/2026 1:49 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

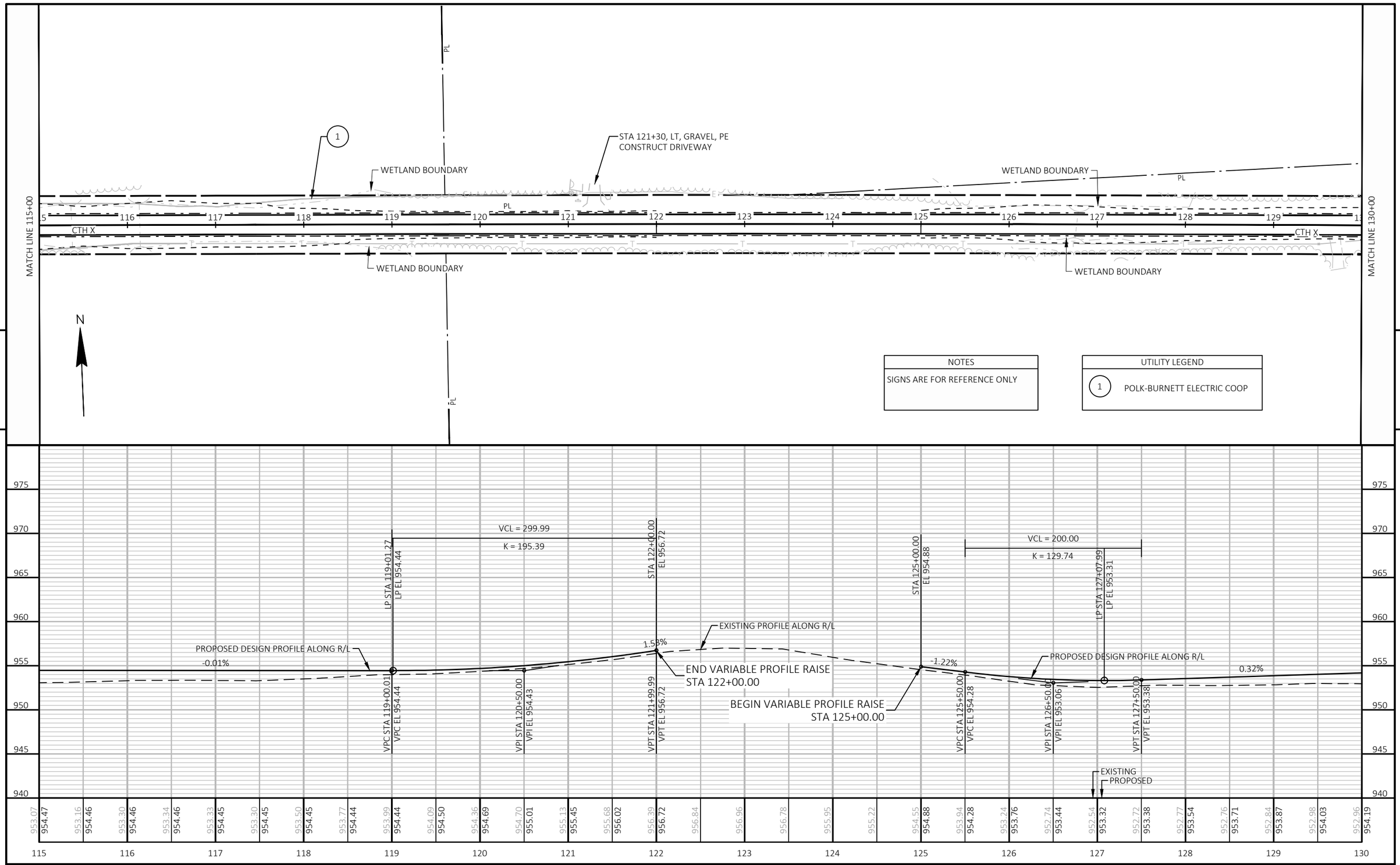




PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 56 E

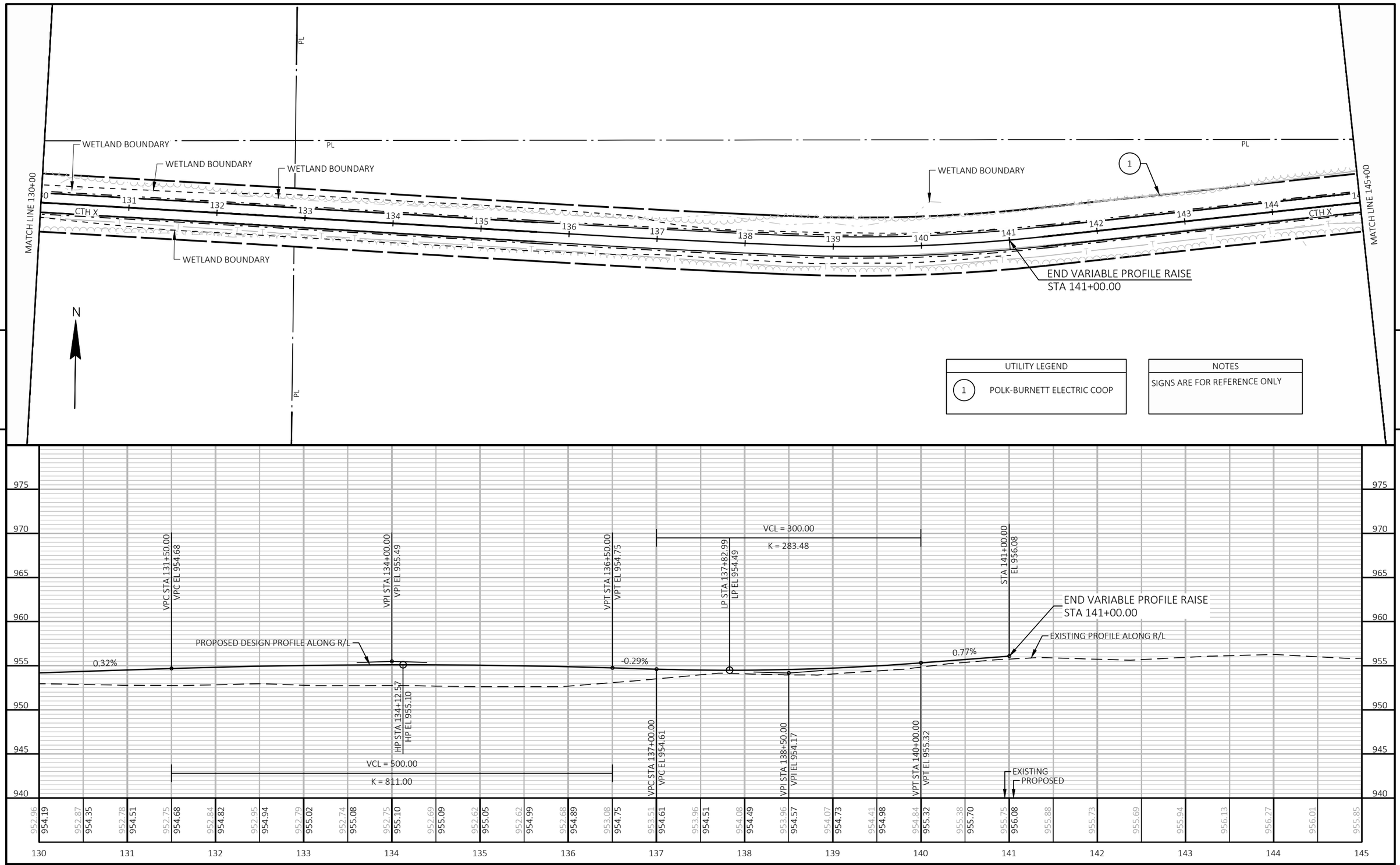
FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 6 PlnProf

PLOT DATE : 7/29/2026 1:49 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 57	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 7 PlnProf
PLOT DATE : 7/29/2026 1:49 PM
PLOT BY : NATHANAEL GATTEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

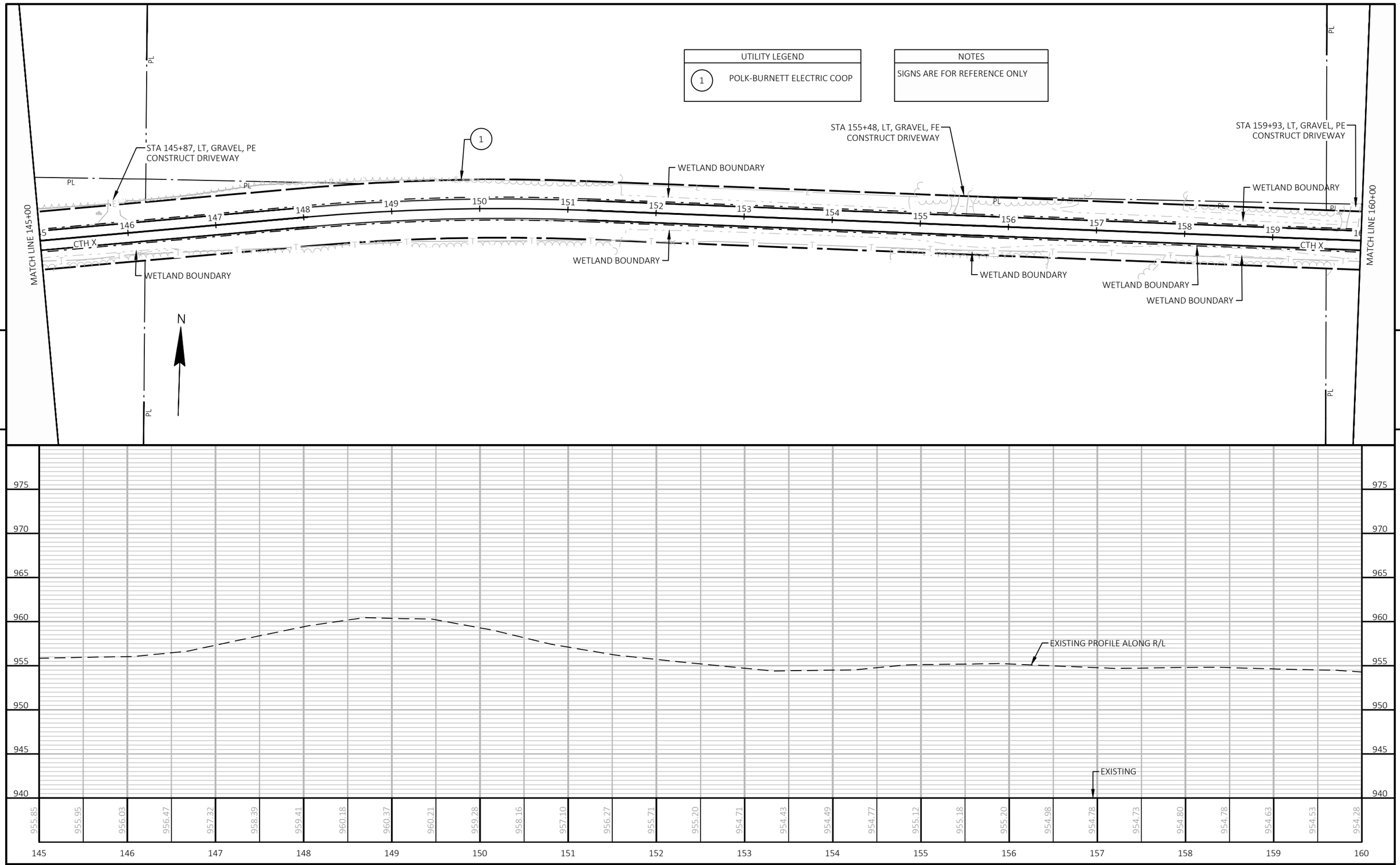


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 58	E

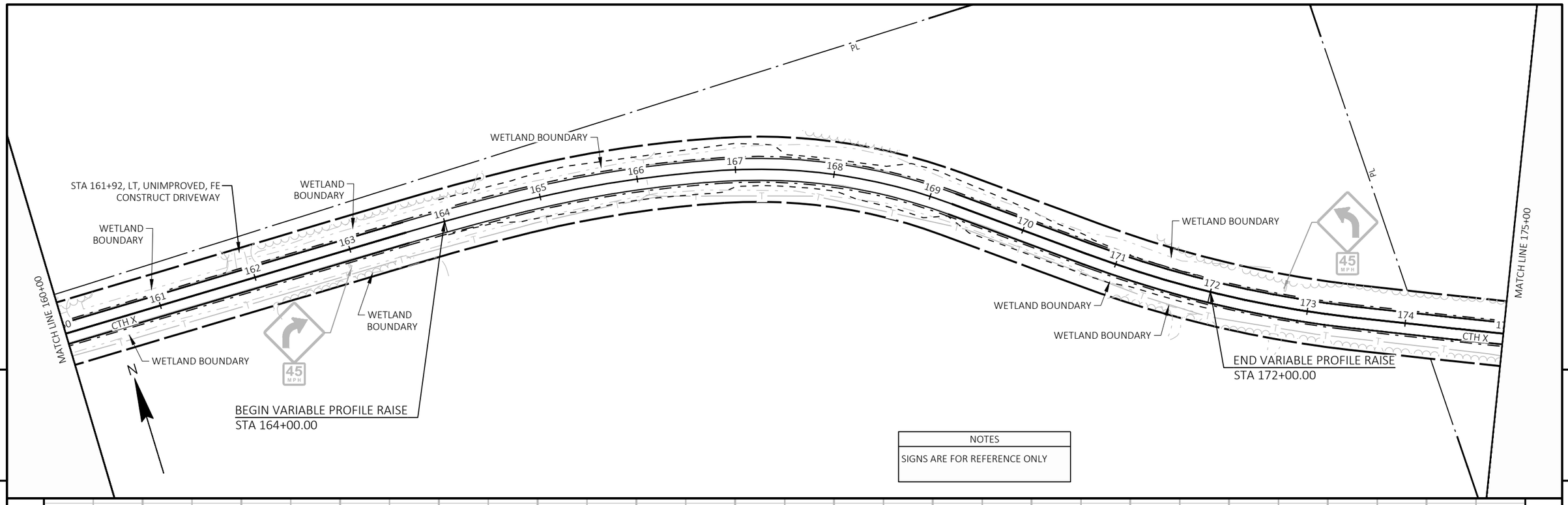
FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 8 PlnProf
PLOT DATE : 7/29/2026 1:49 PM
PLOT BY : NATHANAEL GATTEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

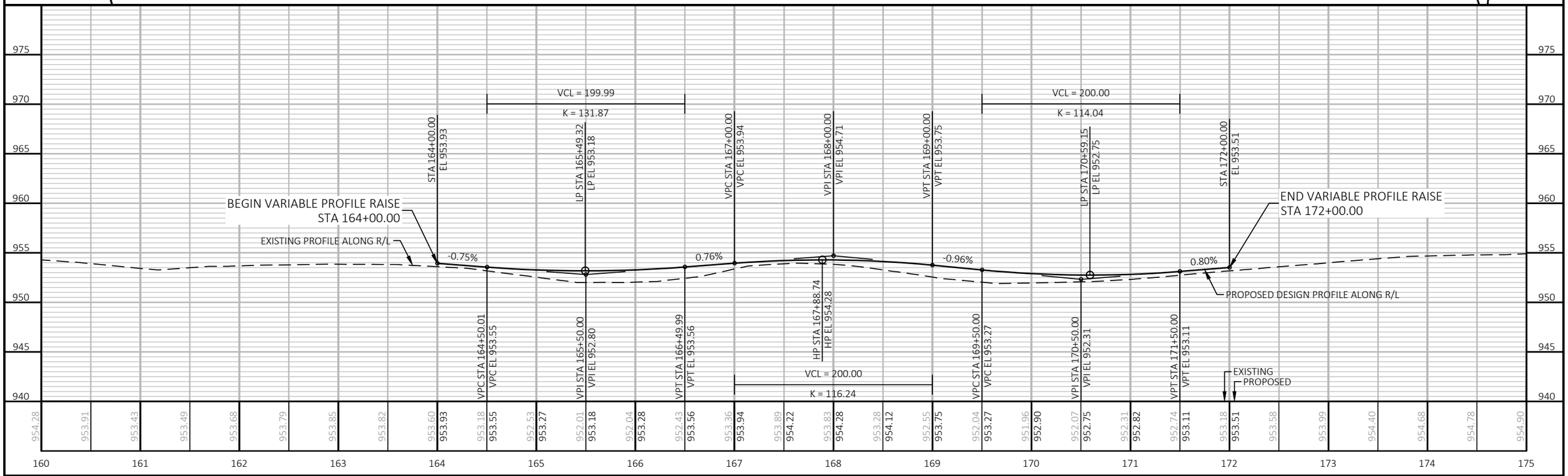
UTILITY LEGEND	
1	POLK-BURNETT ELECTRIC COOP

NOTES
SIGNS ARE FOR REFERENCE ONLY



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 59	E





PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 60	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 10 PlnProf
PLOT DATE : 7/29/2026 1:49 PM
PLOT BY : NATHANAEL GATTEN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

MATCH LINE 175+00

MATCH LINE 190+00

NOTES
SIGNS ARE FOR REFERENCE ONLY

CTH X

40 MPH

N

WETLAND BOUNDARY

WETLAND BOUNDARY

STA 185+16, LT, GRAVEL, FE
CONSTRUCT DRIVEWAY

STA 184+52, RT, UNIMPROVED, FE
CONSTRUCT DRIVEWAY

STA 189+61, RT, GRAVEL, PE
CONSTRUCT DRIVEWAY

UTILITY LEGEND	
1	POLK-BURNETT ELECTRIC COOP

EXISTING PROFILE ALONG R/L

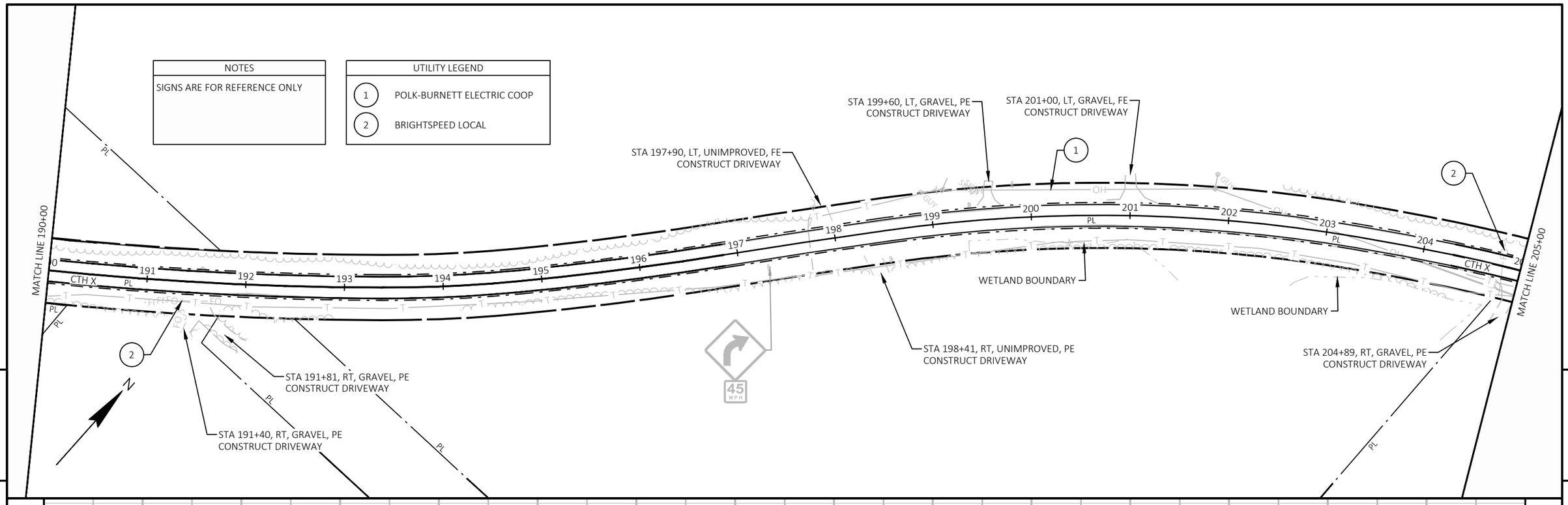
EXISTING

954.90	955.19	955.63	955.83	955.72	955.26	954.73	954.39	954.27	954.35	955.04	955.85	956.27	956.45	956.68	957.21	958.01	958.87	959.74	961.08	962.96	965.17	967.61	969.72	971.28	972.13	972.62	973.06	973.43	973.76	973.54
175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190															

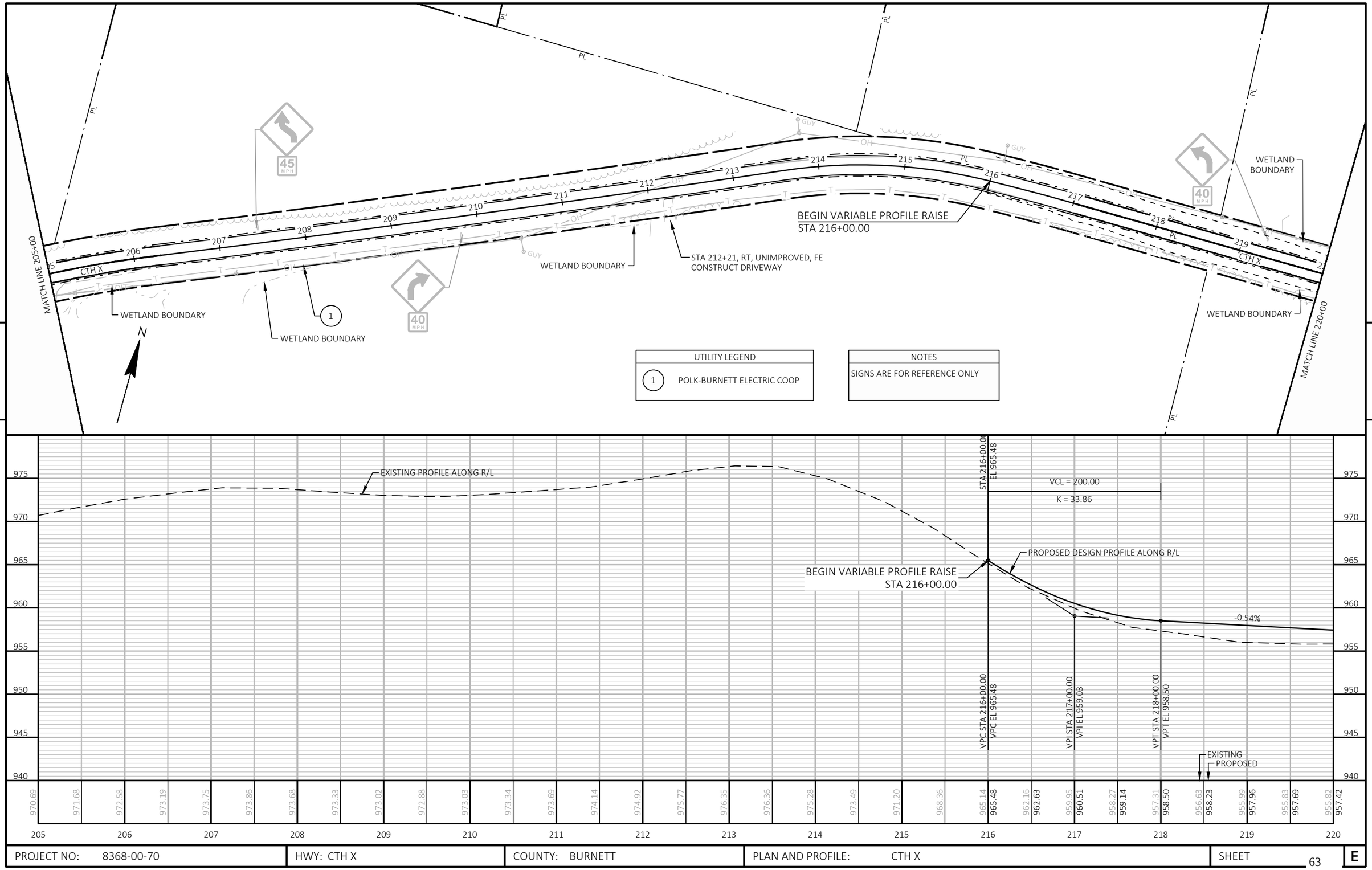
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 61	E

NOTES
SIGNS ARE FOR REFERENCE ONLY

UTILITY LEGEND	
1	POLK-BURNETT ELECTRIC COOP
2	BRIGHTSPEED LOCAL



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 62	E

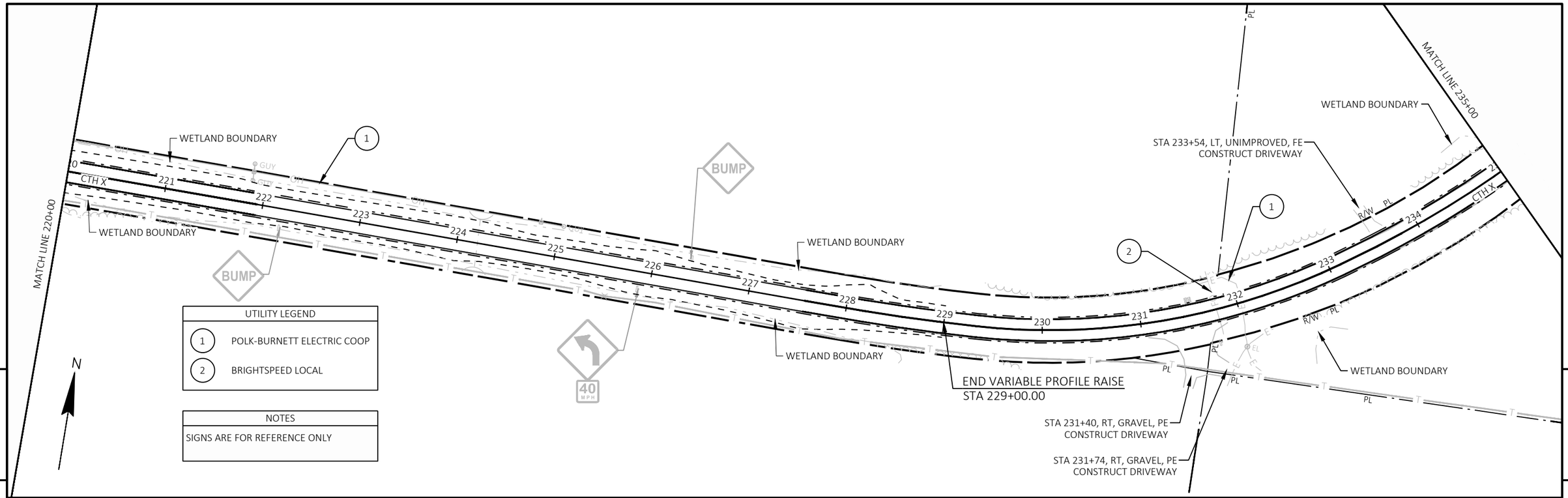


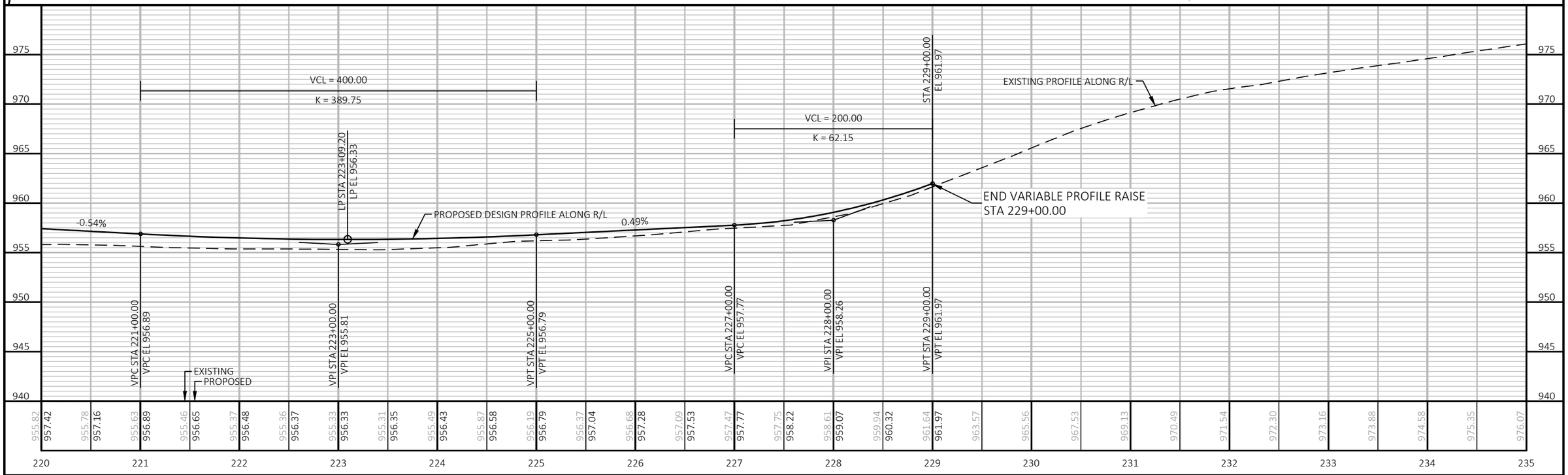
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 63	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 13 PlnProf

PLOT DATE : 7/29/2026 1:50 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 64	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 14 PlnProf

PLOT DATE : 7/29/2026 1:50 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

UTILITY LEGEND	
1	POLK-BURNETT ELECTRIC COOP
2	BRIGHTSPEED LOCAL

NOTES
SIGNS ARE FOR REFERENCE ONLY

MATCH LINE 235+00

MATCH LINE 250+00

CTH X

STA 240+27, LT, UNIMPROVED, FE
CONSTRUCT DRIVEWAY

STA 245+53, LT, GRAVEL, PE
CONSTRUCT DRIVEWAY

STA 239+96, RT, UNIMPROVED, FE
CONSTRUCT DRIVEWAY

STA 237+88, RT, UNIMPROVED, PE
CONSTRUCT DRIVEWAY

WETLAND BOUNDARY

WETLAND BOUNDARY

WETLAND BOUNDARY

40 MPH

40 MPH

R/W PL

PL

EXISTING PROFILE ALONG R/L

EXISTING

1000	995	990	985	980	975	970	965

976.07	976.70	977.29	977.96	978.78	979.62	980.47	981.43	982.32	983.42	984.54	985.53	986.44	987.40	988.18	989.03	990.01	991.18	992.43	993.74	994.80	995.79	996.68	997.42	998.04	998.35	998.70	998.99	999.13	999.01	998.83

235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 65 E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\050201-PN.DWG
LAYOUT NAME - 15 PlnProf

PLOT DATE : 7/29/2026 1:50 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

NOTES
SIGNS ARE FOR REFERENCE ONLY

STA 252+14, LT, UNIMPROVED, FE
CONSTRUCT DRIVEWAY

STA 256+38, LT, GRAVEL, PE
CONSTRUCT DRIVEWAY

END PROJECT
STA 258+79.62
SAWCUT REQUIRED
MATCH EXISTING

MATCH LINE 250+00

CTH X

GAYLYN RD

UTILITY LEGEND	
1	POLK-BURNETT ELECTRIC COOP

40 MPH

EXISTING PROFILE ALONG R/L

END PROJECT
STA 258+79.62

EXISTING

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	PLAN AND PROFILE: CTH X	SHEET 66	E

Standard Detail Drawing List

08A05-22E	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L AND M
08B09-04	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER
08D01-24A	CONCRETE CURB AND GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-23A	CURB RAMPS TYPES 1 AND 1-A
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPES A, B, C AND D
08E15-01	CULVERT PIPE CHECK
09A15-01	DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL
13C19-03	HMA LONGITUDINAL JOINTS
14D01-01	TURTLE EXCLUSION FENCE CLIMBING TURTLE
15C02-10A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-10B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C11-11B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C19-11A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D28-06	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D39-03	TRAFFIC CONTROL, DROP-OFF SIGNING
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL

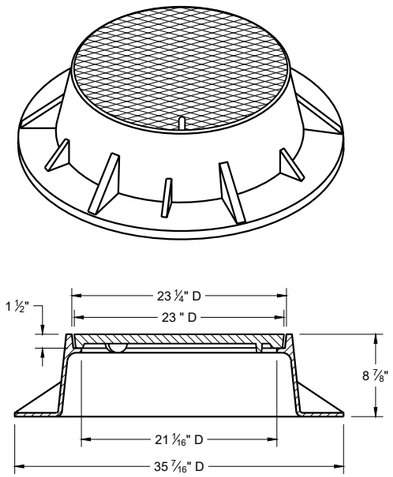
6

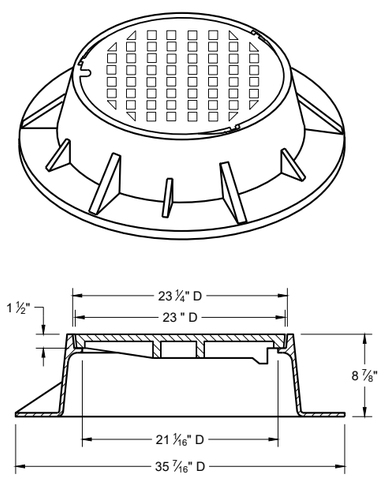
GENERAL NOTES

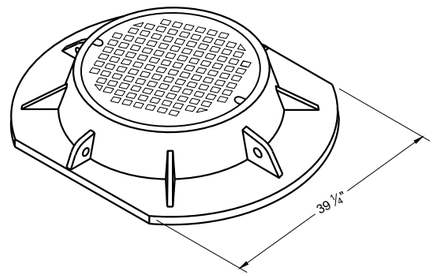
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

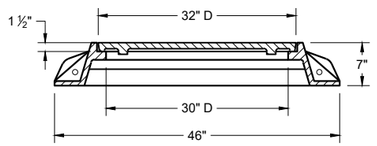
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

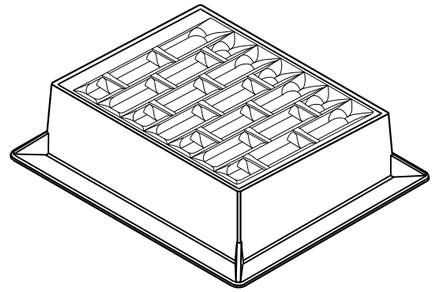


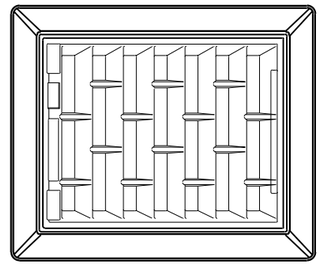


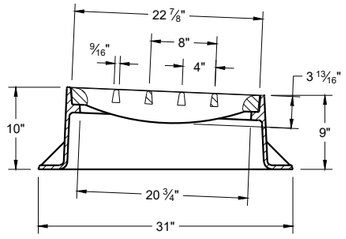


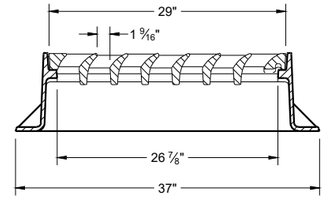


TYPE "K"

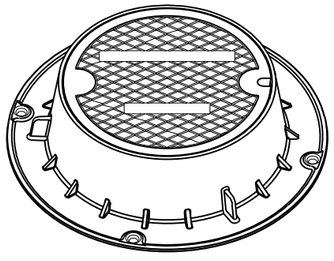


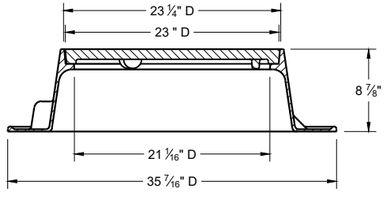






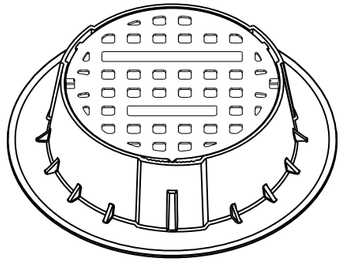
INLET COVER TYPE "BW"

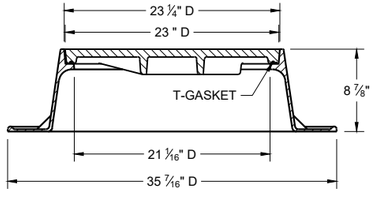




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

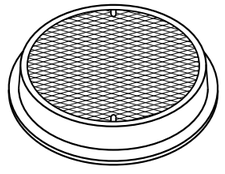


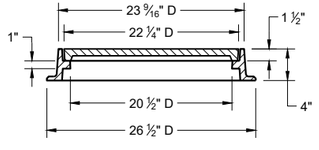


TYPE "J" SPECIAL

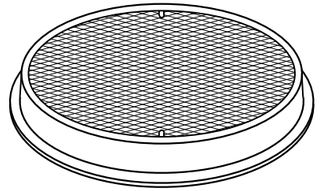
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

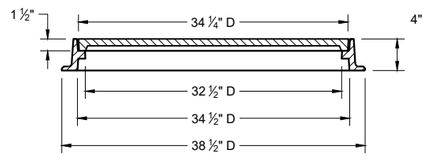
NOTE: EITHER CASTING IS ACCEPTABLE





TYPE "L"





TYPE "M"

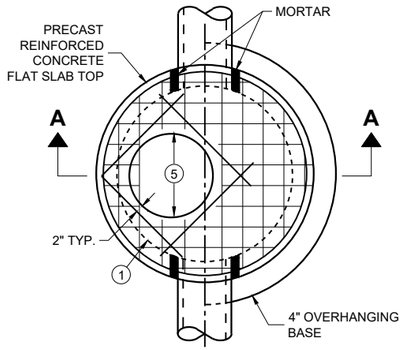
INLET COVERS TYPES BW
MANHOLE COVERS TYPES K, J, J-S, L, AND M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

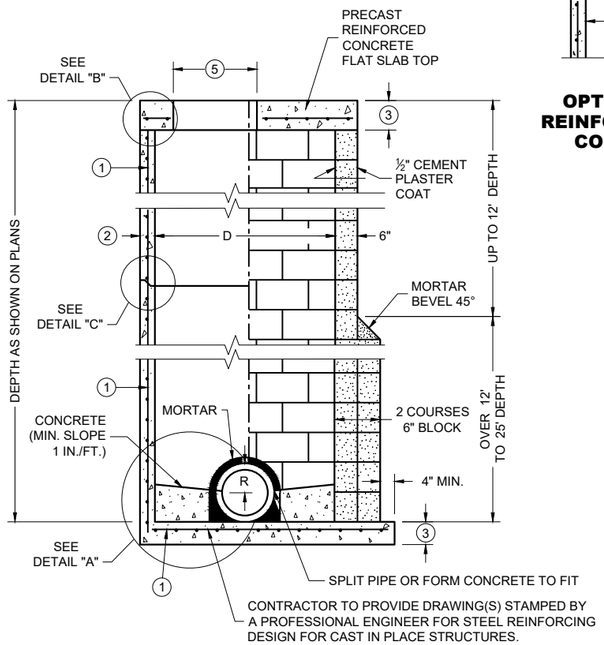
FHWA

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SDD 08A05-22e



PLAN VIEW

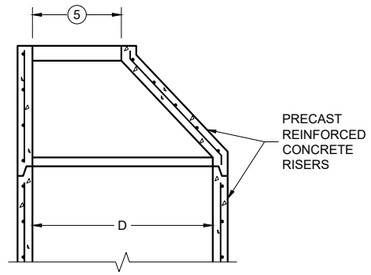
CIRCULAR OPENING



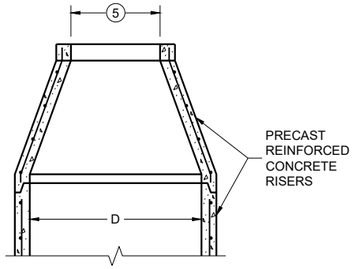
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

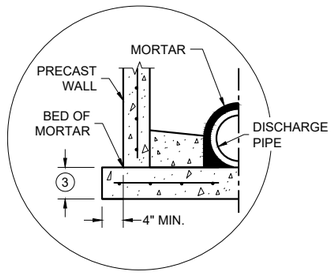
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



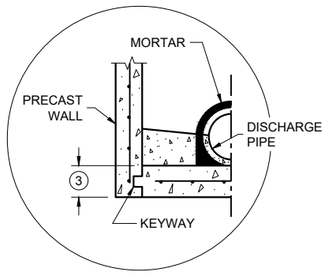
OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

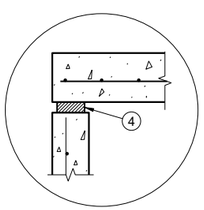


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

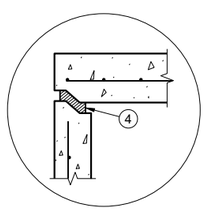


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

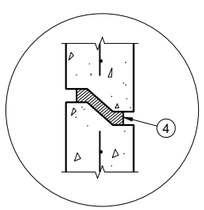
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

DETAIL "C"

MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) (5) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42 *	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES. SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL IMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

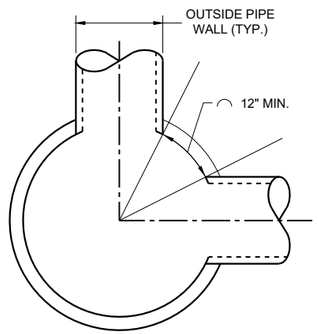
(1) FOR PRECAST MANHOLES AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(2) SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES

(3) SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.

(5) SEE MANHOLE COVER OPENING MATRIX.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

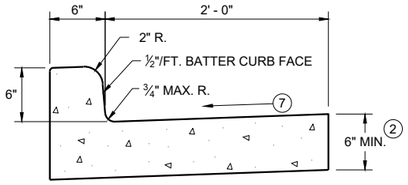
FHWA

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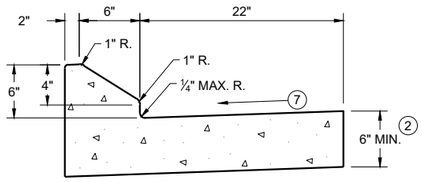
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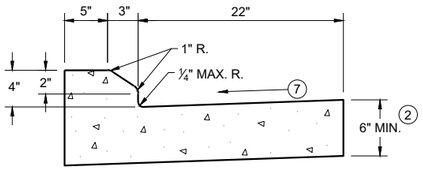
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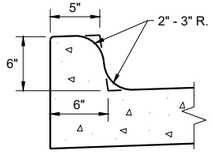
TYPES A (1) & D



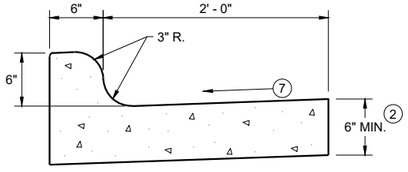
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

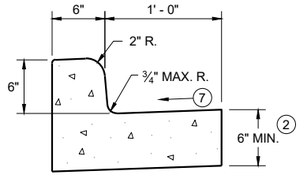


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



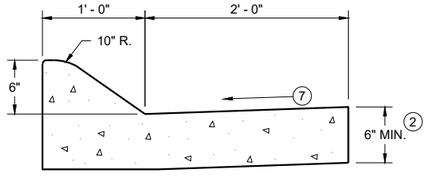
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

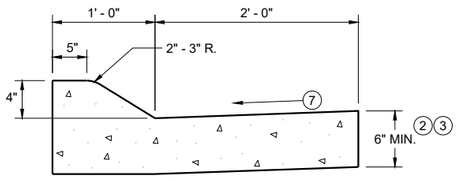


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

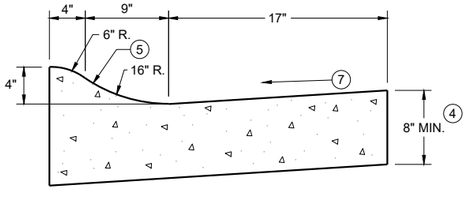


6" SLOPED CURB TYPES A (1) & D



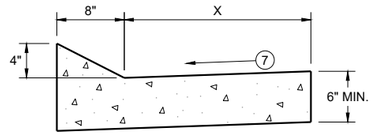
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T
CONCRETE CURB AND GUTTER 30"

TBT & TBTT	X
30"	22"
36"	28"

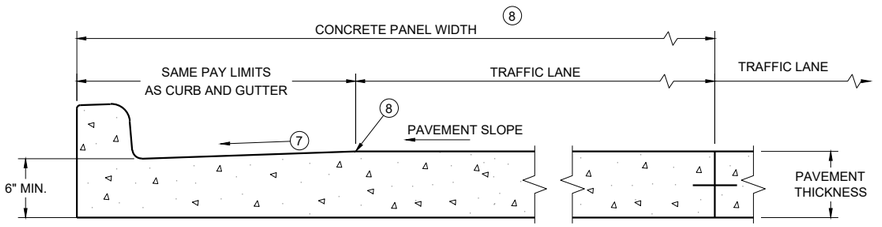


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

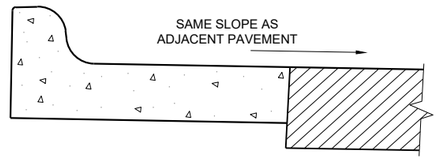
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

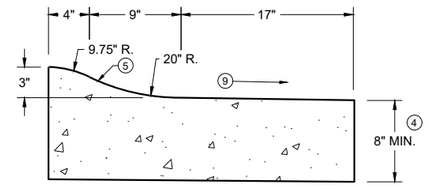
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

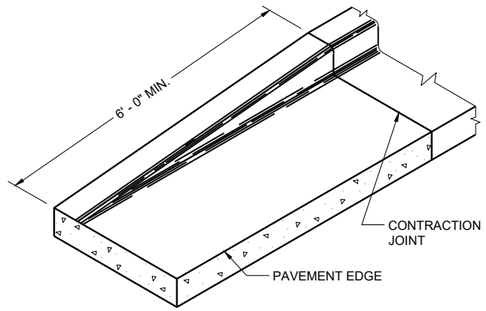
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



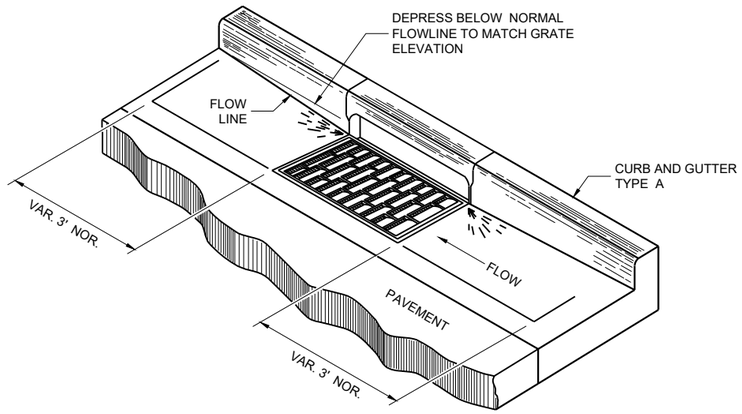
3" SLOPED CURB TYPES R (1) & T

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

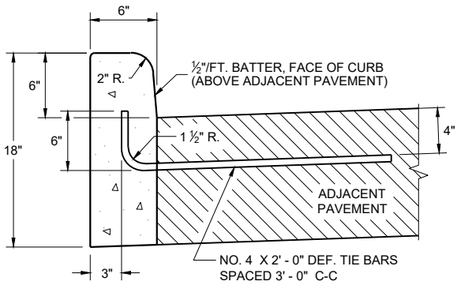
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

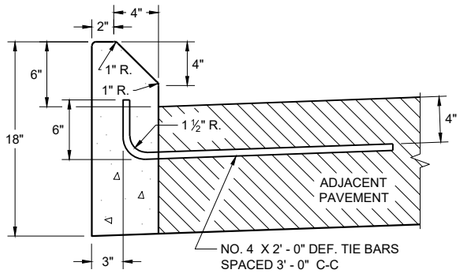
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

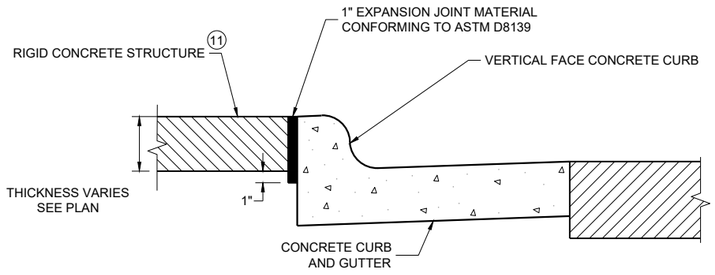


TYPES A (1) & D

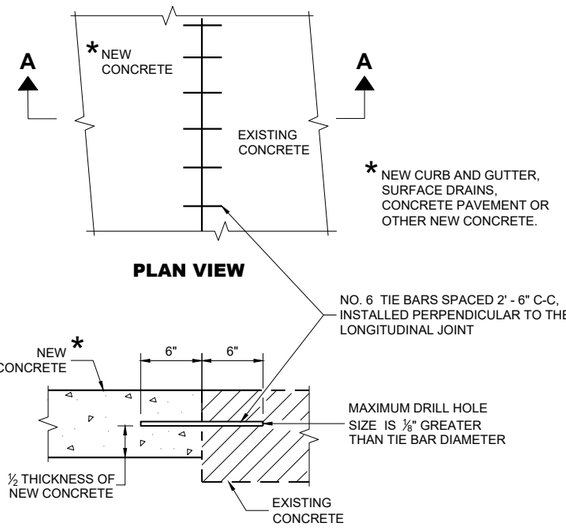


TYPES G (1) & J

CONCRETE CURB



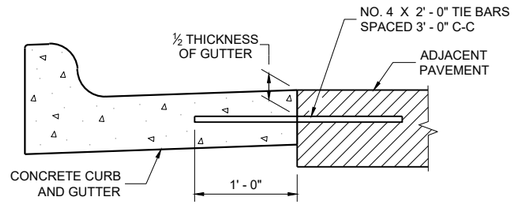
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



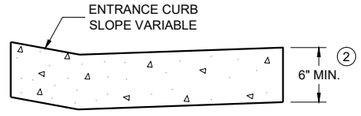
PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

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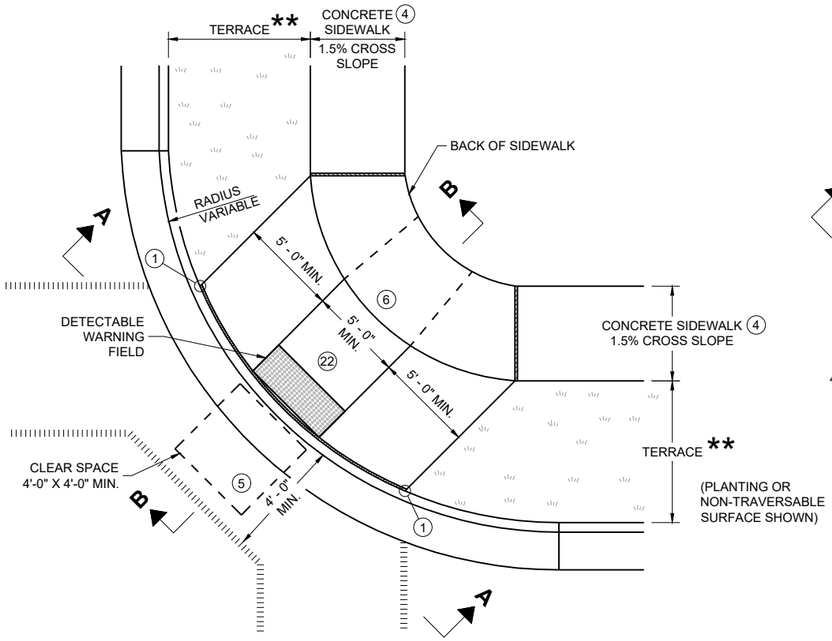
APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6

SDD 08D01-24b

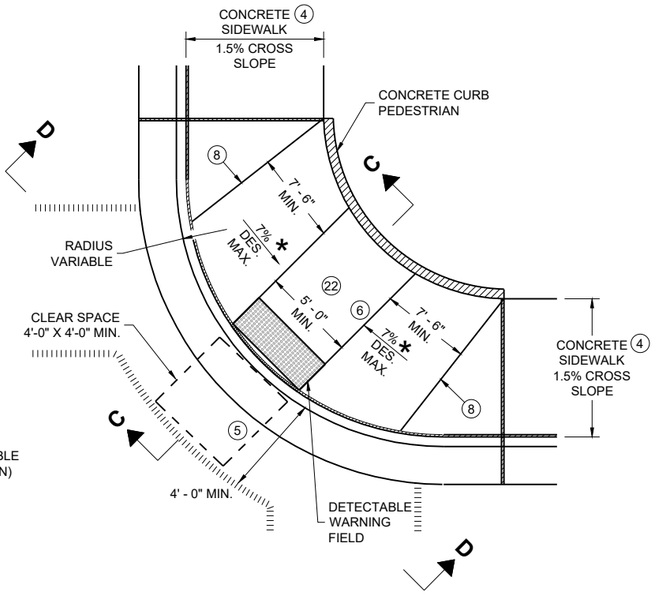
SDD 08D01-24b



PLAN VIEW

CURB RAMP TYPE 1

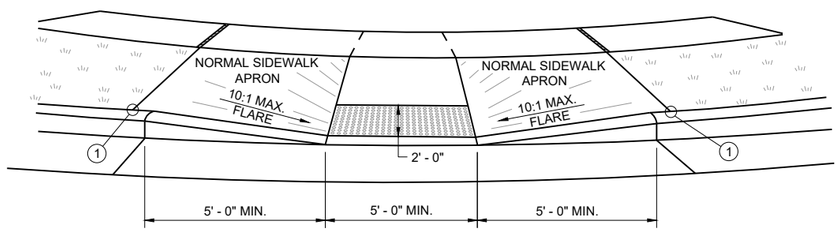
(CENTER OF CORNER RADIUS)



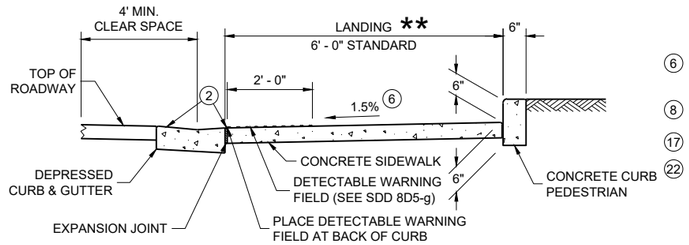
PLAN VIEW

CURB RAMP TYPE 1 - A

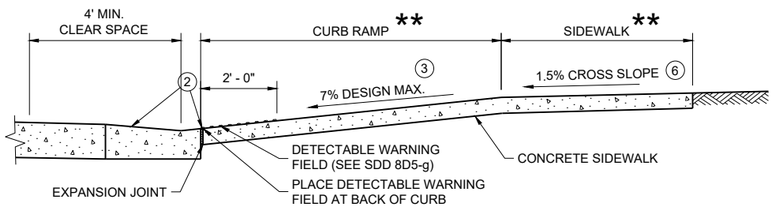
(NO TERRACE)



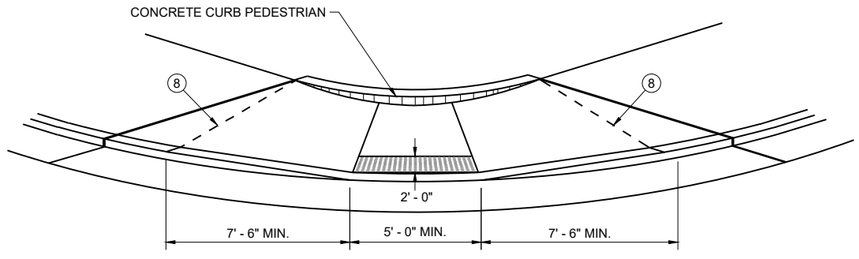
VIEW A - A FOR TYPE 1



SECTION C - C FOR TYPE 1 - A



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE CURB RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF CURB RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE CURB RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A CLEAR SPACE IN THE STREET AND GUTTER AREA. WHEN THE GUTTER CROSS SLOPE EXCEEDS 2.1%, CONSTRUCT THE CLEAR SPACE IN THE STREET AREA AND THE 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE. FOR RECONSTRUCTION AND MODERNIZATION PROJECTS THE CLEAR SPACE SLOPE PARALLEL TO THE CURBLINE SHOULD BE 2.1% MAX FOR CROSSINGS THAT ARE STOP AND YIELD CONTROLLED, AND 5% MAX FOR THOSE THAT ARE SIGNAL CONTROLLED. FOR PERPETUATION AND REHABILITATION PROJECTS THE SLOPE OF THE CLEAR SPACE PARALLEL TO THE CURBLINE WILL MATCH THE ROADWAY LONGITUDINAL SLOPE. THE SLOPE OF THE CLEAR SPACE PERPENDICULAR TO THE CURBLINE WILL MATCH THE ROADWAY CROSS SLOPE BUT SHOULD NOT EXCEED 5% UNLESS THE ROADWAY IS SUPERELEVATED (WHEN SUPERELEVATED THE ROADWAY CROSS SLOPE SHOULD MATCH THE SUPERELEVATION).

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

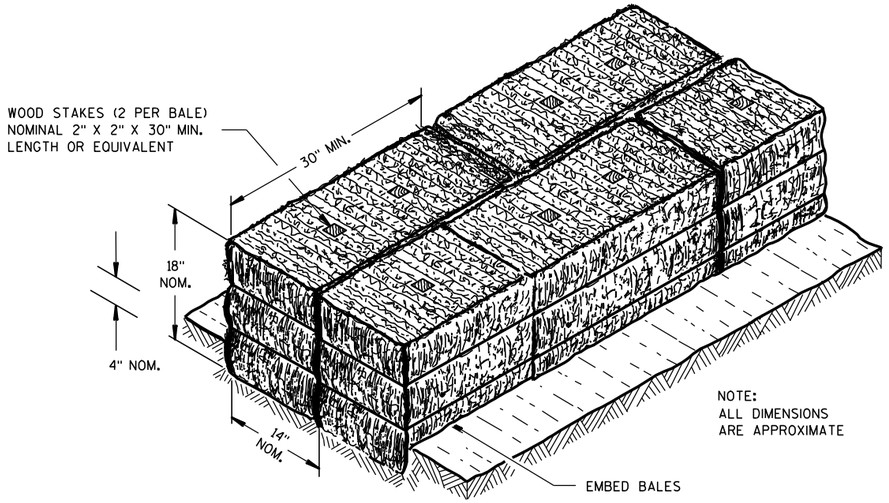
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

LEGEND

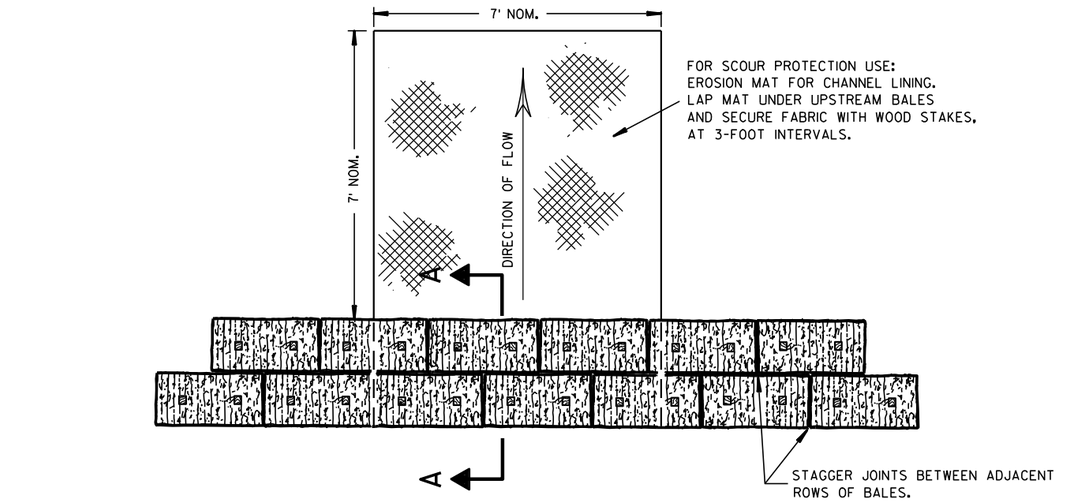
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS TYPE 1 AND 1-A

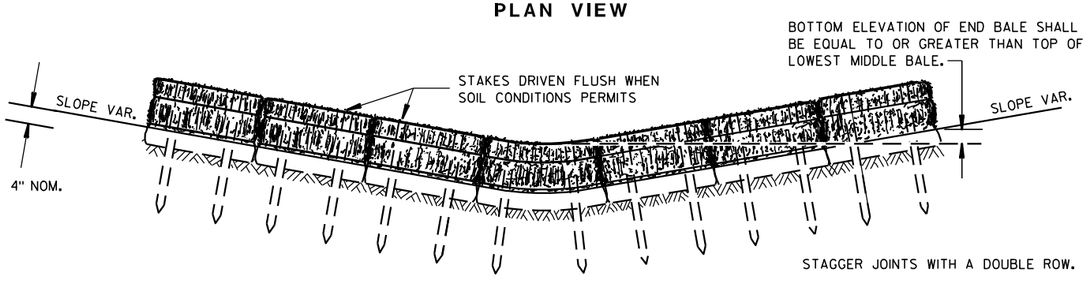
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SECTION A-A



PLAN VIEW



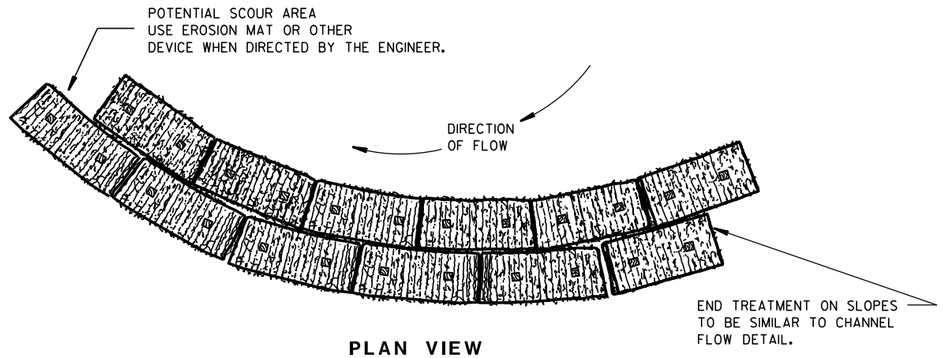
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

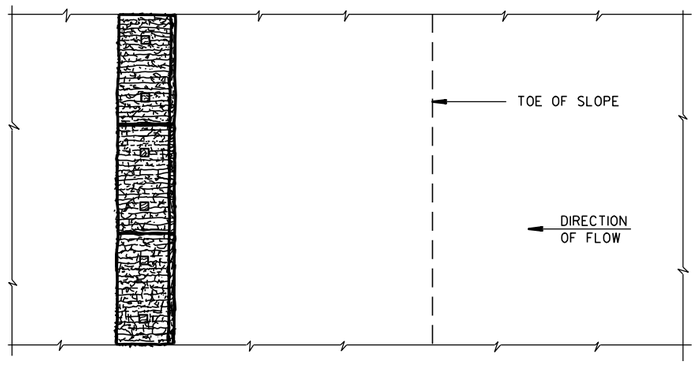
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

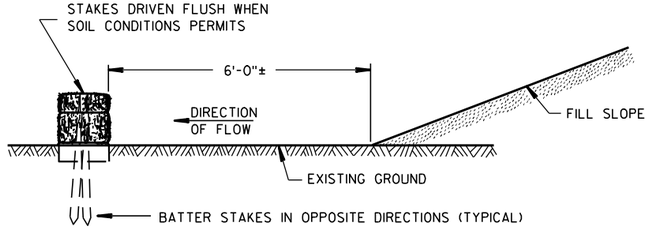


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

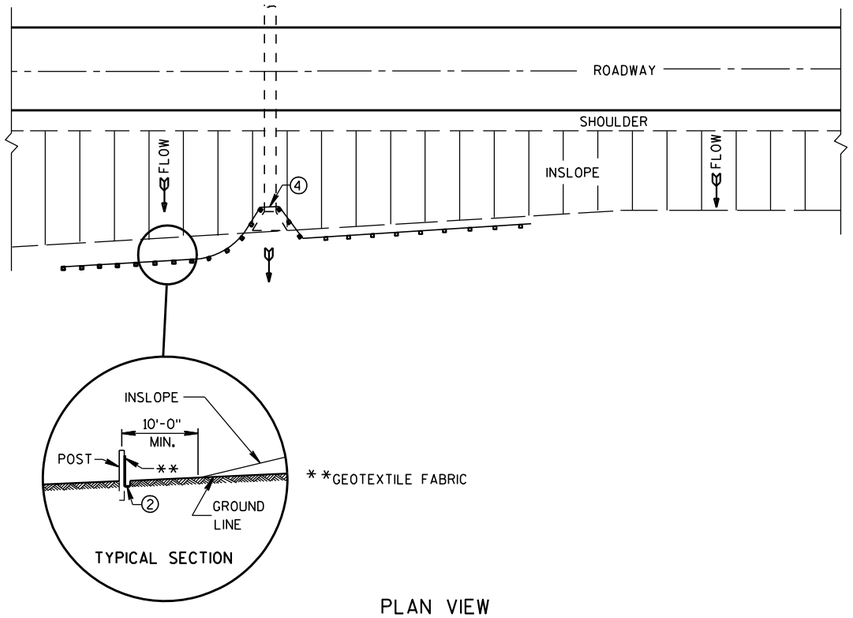
6/04/02 DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

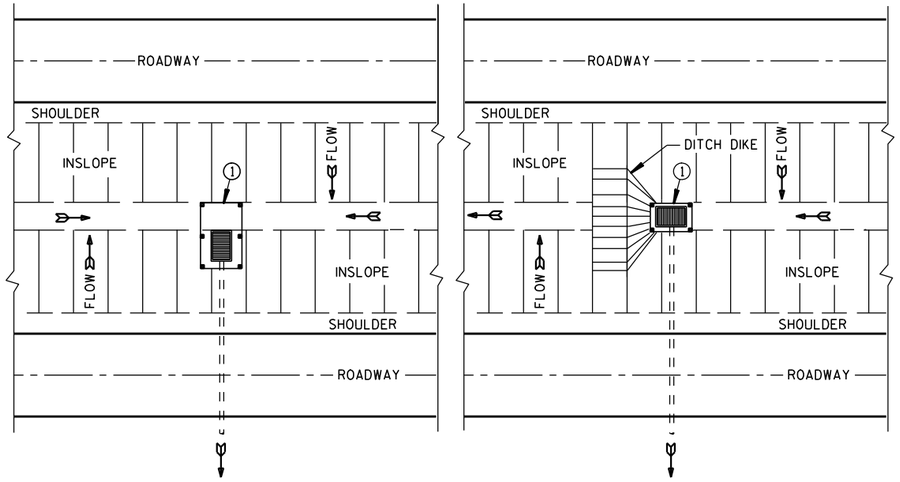
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S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



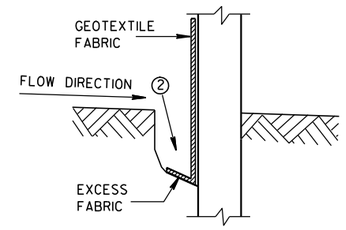
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

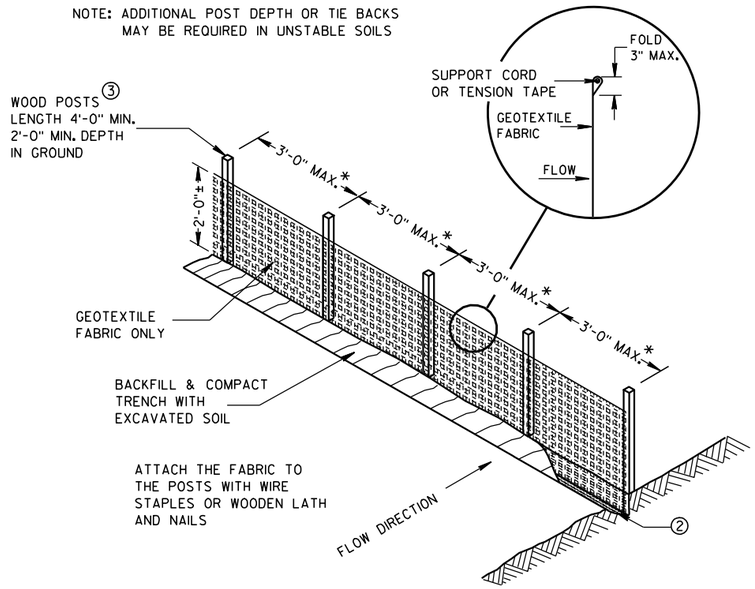
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

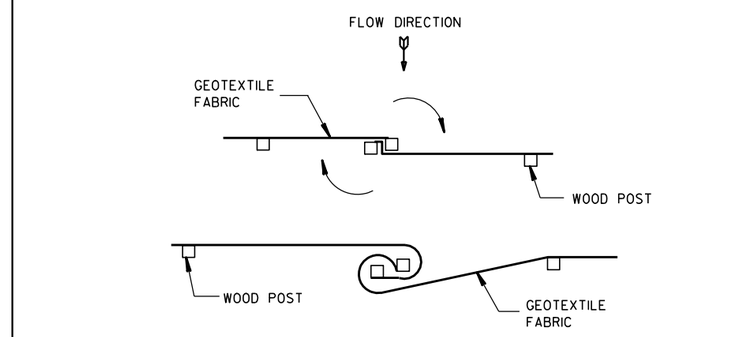
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



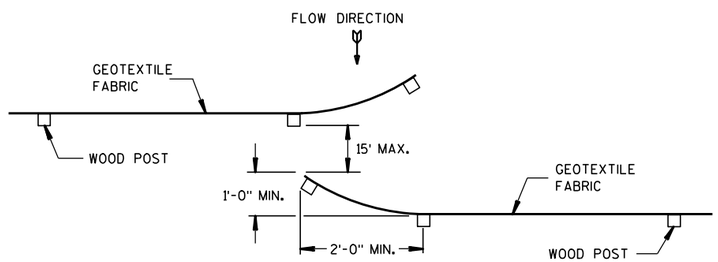
TRENCH DETAIL



SILT FENCE

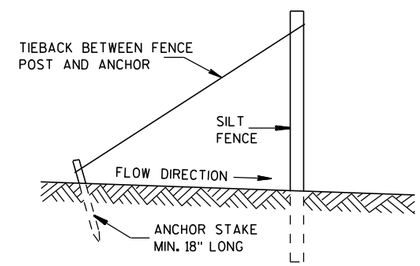


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

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DEPARTMENT OF TRANSPORTATION

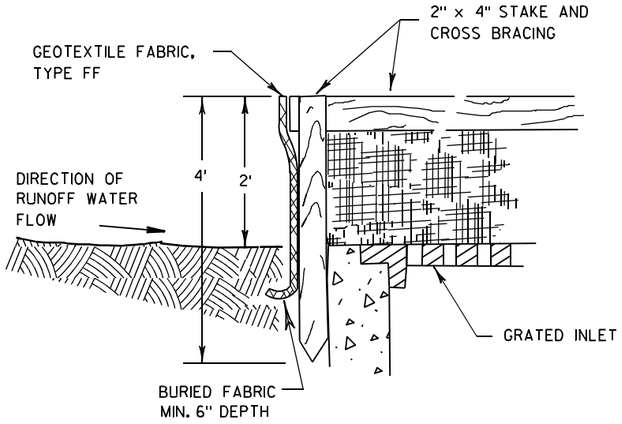
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

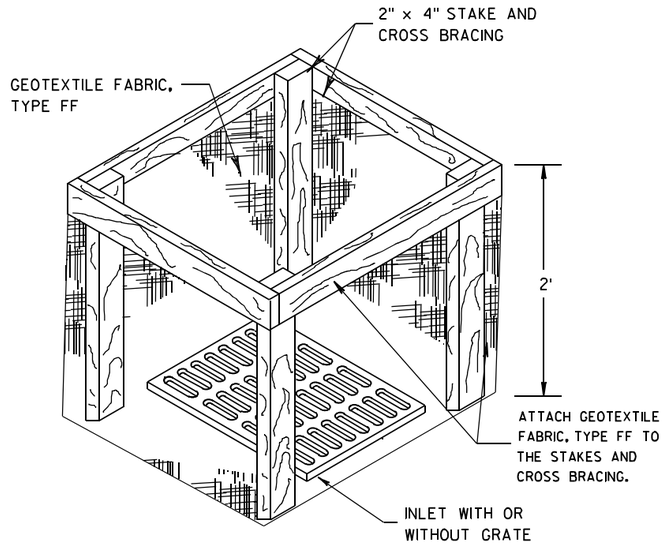
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S.D.D. 8 E 9-6

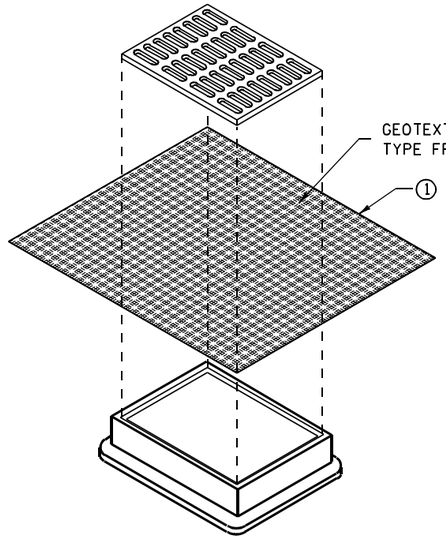
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S.D.D. 8 E 9-6



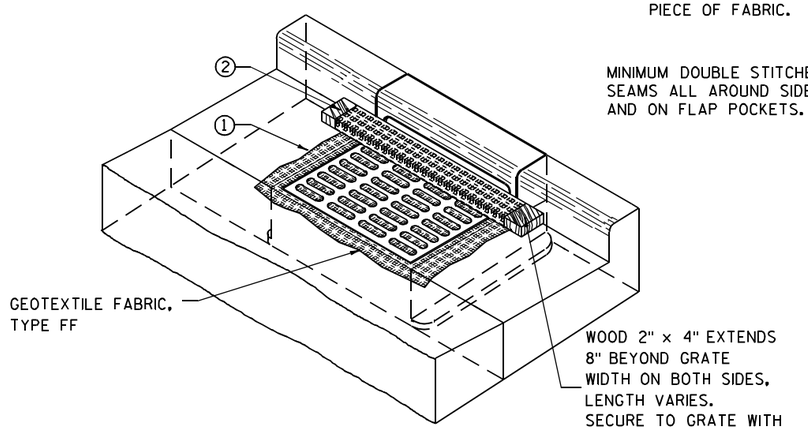


INLET PROTECTION, TYPE A

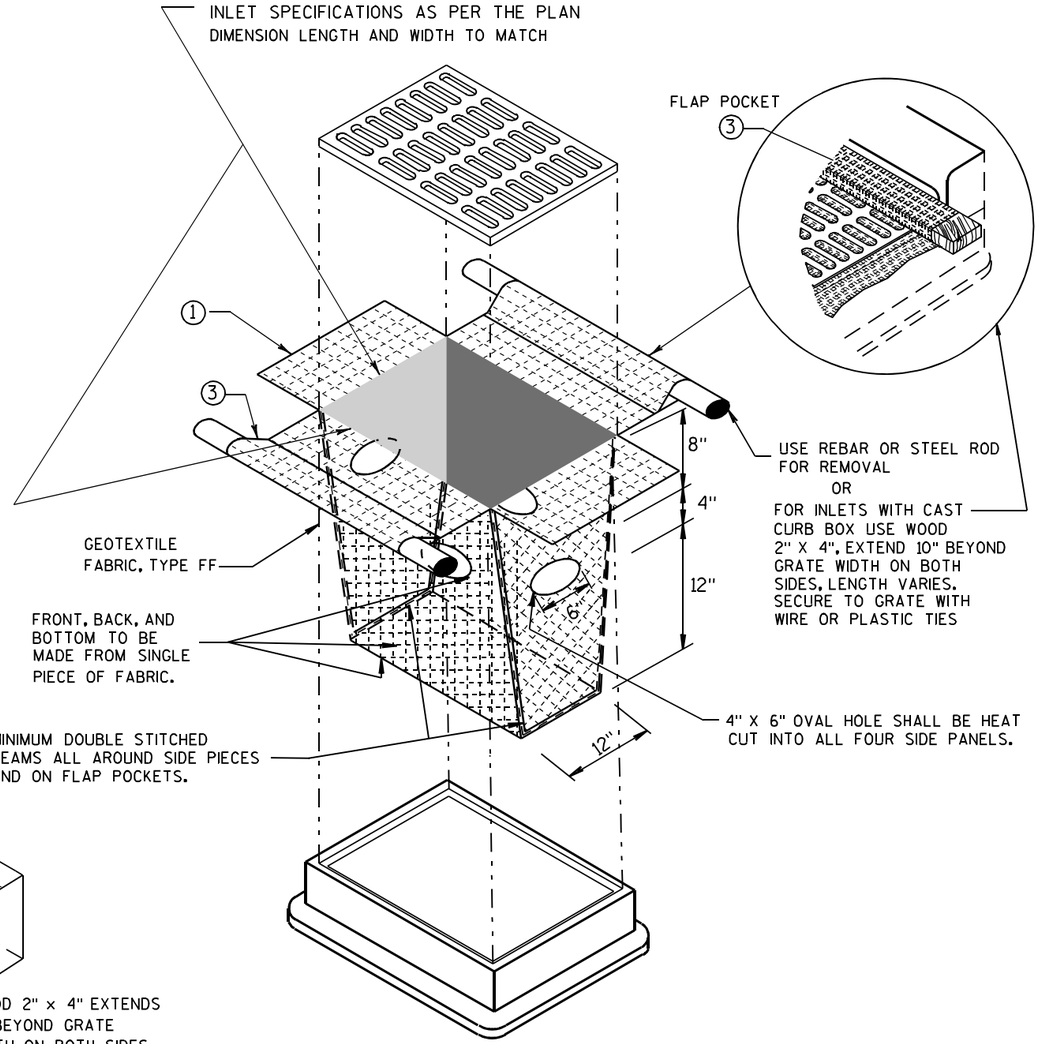


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

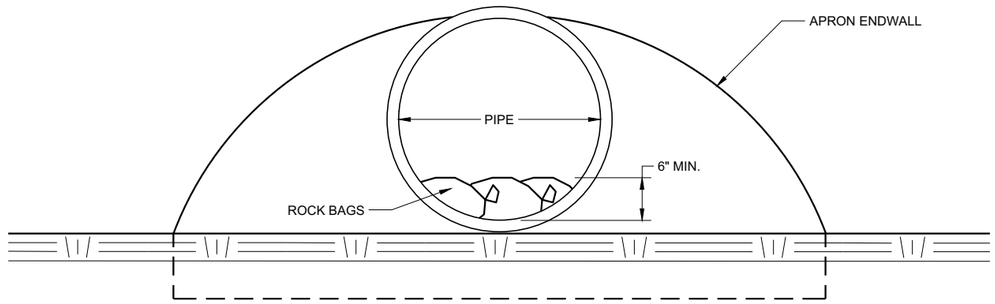
FHWA

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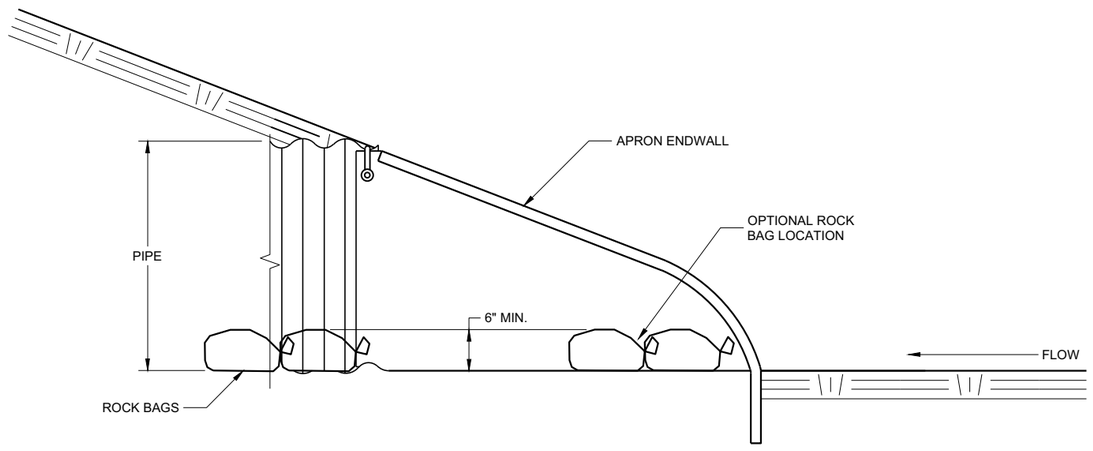
S.D.D. 8 E 10-2

6

S.D.D. 8 E 10-2



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

6

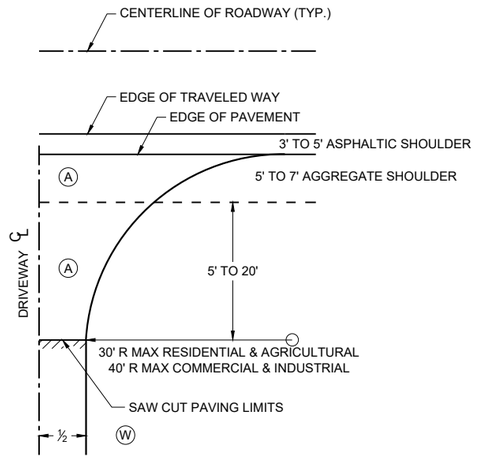
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SDD 08E15 - 01

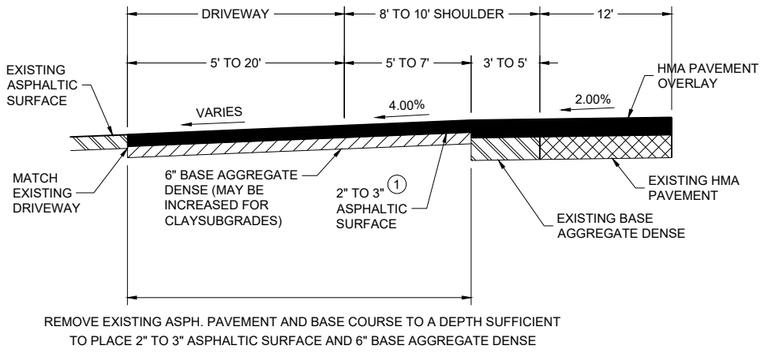
GENERAL NOTES

(1) DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.



PLAN VIEW

HALF SECTION



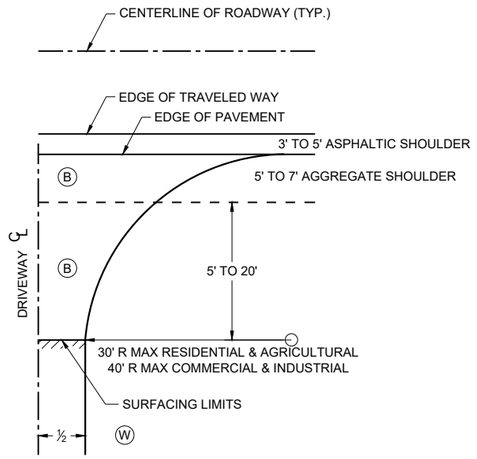
PROFILE VIEW

RURAL ENTRANCE WITH ASPHALTIC SURFACE RESURFACING PROJECTS

(A) : PAID FOR AS ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES. (TON)

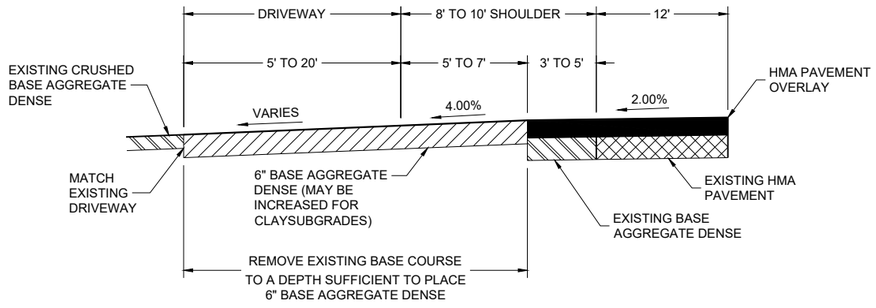
(B) : PAID FOR AS BASE AGGREGATE DENSE 1 1/4" (TON)

(W) : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
- ~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
- ~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.



PLAN VIEW

HALF SECTION



PROFILE VIEW

RURAL ENTRANCE WITH AGGREGATE SURFACE 6" BASE AGGREGATE DENSE RESURFACING PROJECTS

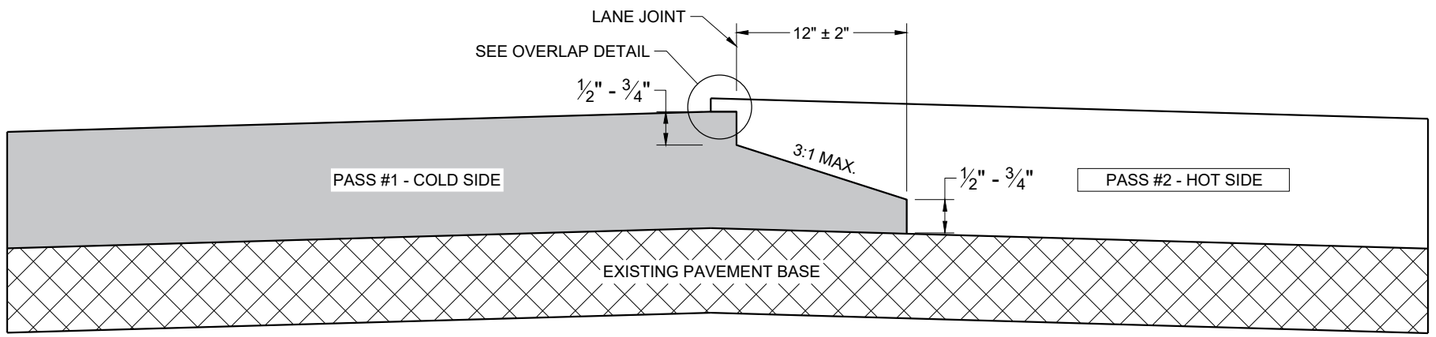
DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

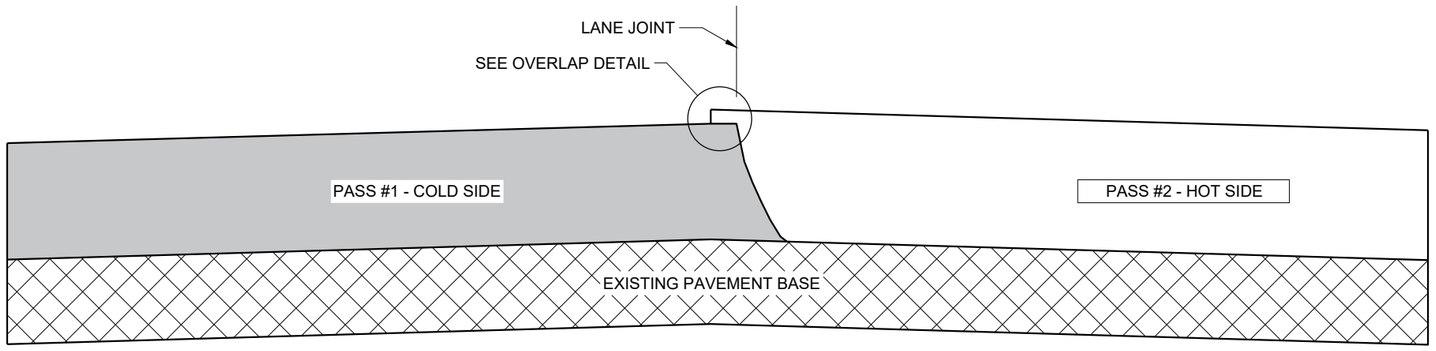
APPROVED
November 2025 (DATE)
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

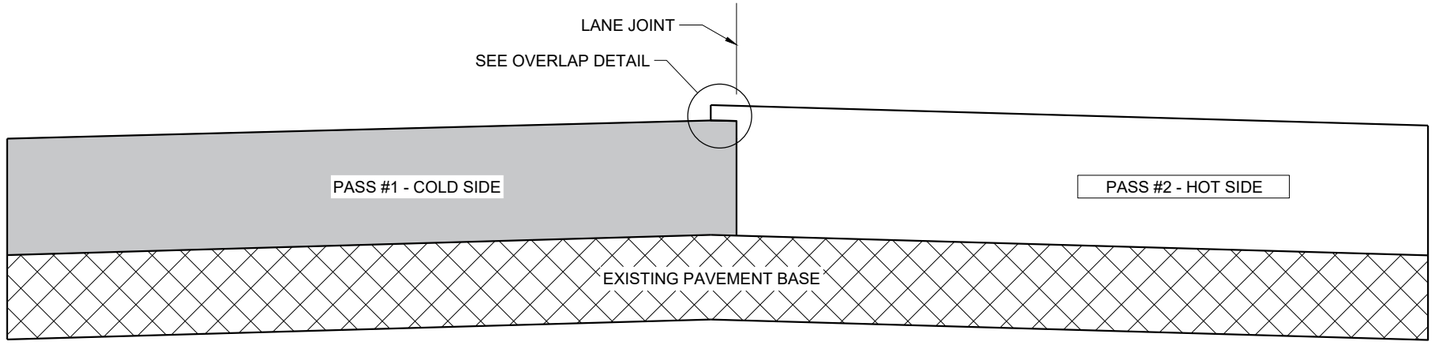
6
SDD 09A15-01



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

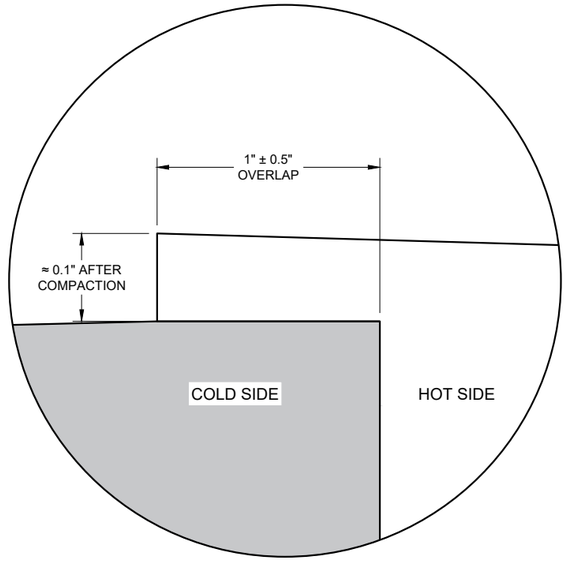
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

6

SDD 13C19 - 03

SDD 13C19 - 03

HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

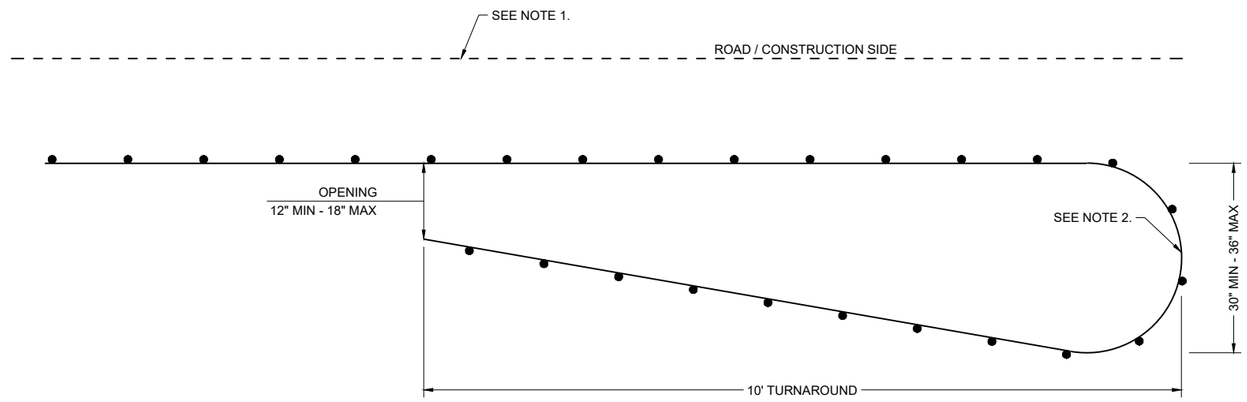
/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA

GENERAL NOTES:

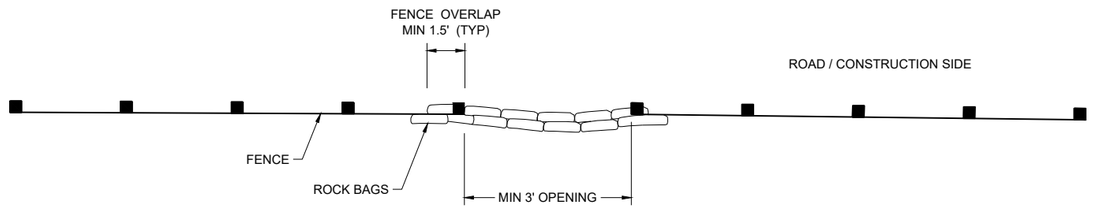
1. WHERE SILT FENCE IS REQUIRED, IT SHALL BE PLACED ON THE CONSTRUCTION SIDE OF THE EXCLUSION FENCING, OR COMBINED WITH THE EXCLUSION FENCING AS ALLOWED IN THE SPECIFICATIONS. STAKES ON THIS DETAIL ARE OPPOSITE OF STANDARD SILT FENCE FOR SEDIMENT CONTROL.
2. PLACE TURNAROUNDS AT ALL TERMINI ENDS OF THE EXCLUSION FENCING.
3. IF TEMPORARY ACCESS POINTS ARE NEEDED DURING CONSTRUCTION THAT REQUIRE OPENINGS IN THE EXCLUSION FENCING, ACCESS OPENINGS SHOULD BE TIGHTLY SECURED WITH BALES OF HAY OR STRAW WHENEVER CONSTRUCTION RELATED ACTIVITIES ARE NOT OCCURRING. REINSTALL EXCLUSION FENCING WHEN THE WORK REQUIRING THE TEMPORARY ACCESS OPENING IS COMPLETED.
4. THE FENCE CAP MAY BE A 6" UNDER DRAIN PIPE, SLIT DOWN THE CENTER AND PLACED OVER THE FENCE. COMMERCIALLY AVAILABLE SAFETY CAPS WITH A LIP MAY BE USED. OTHER DNR APPROVED METHODS TO PREVENT TURTLES FROM PASSING OVER THE TOP OF THE FENCE MAY BE USED.

   SECURELY FASTEN THE CAP TO PREVENT IT FROM BEING DISLODGED.

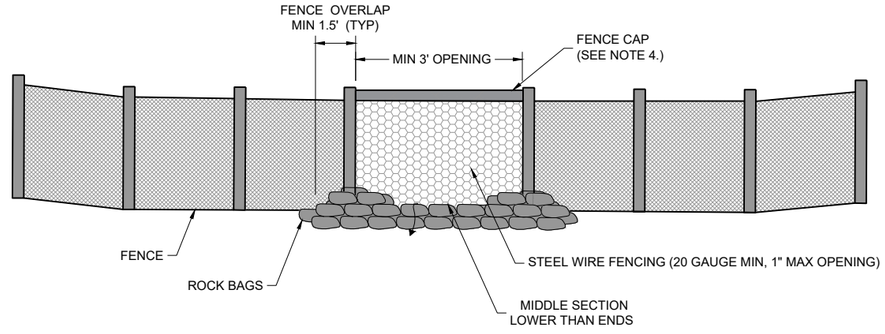


PLAN VIEW

CLIMBING TURTLE EXCLUSION FENCE DETAIL



PLAN VIEW



FRONT VIEW

CLIMBING TURTLE FENCE RELIEF DETAIL

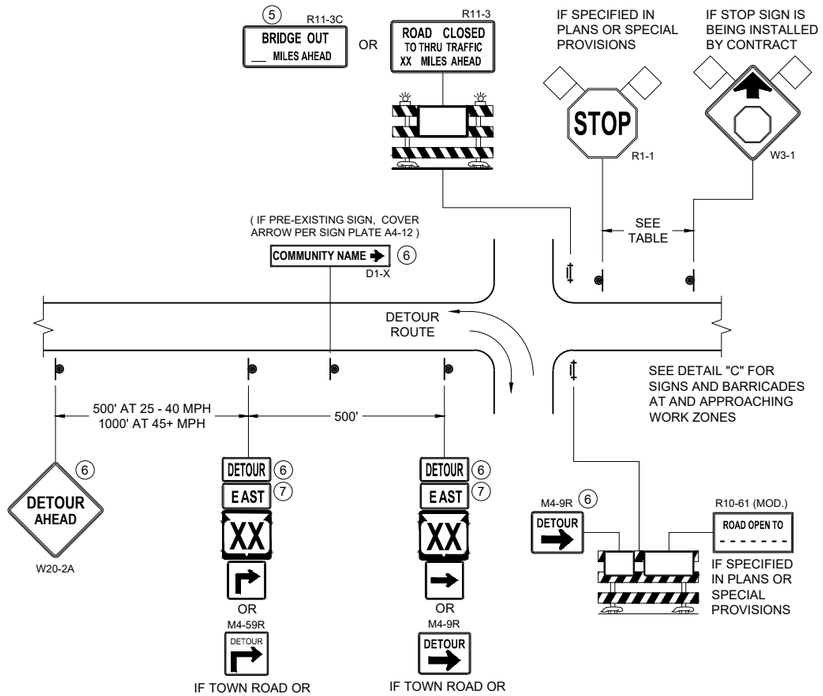
TURTLE EXCLUSION FENCE
CLIMBING TURTLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
AUGUST 2025
DATE

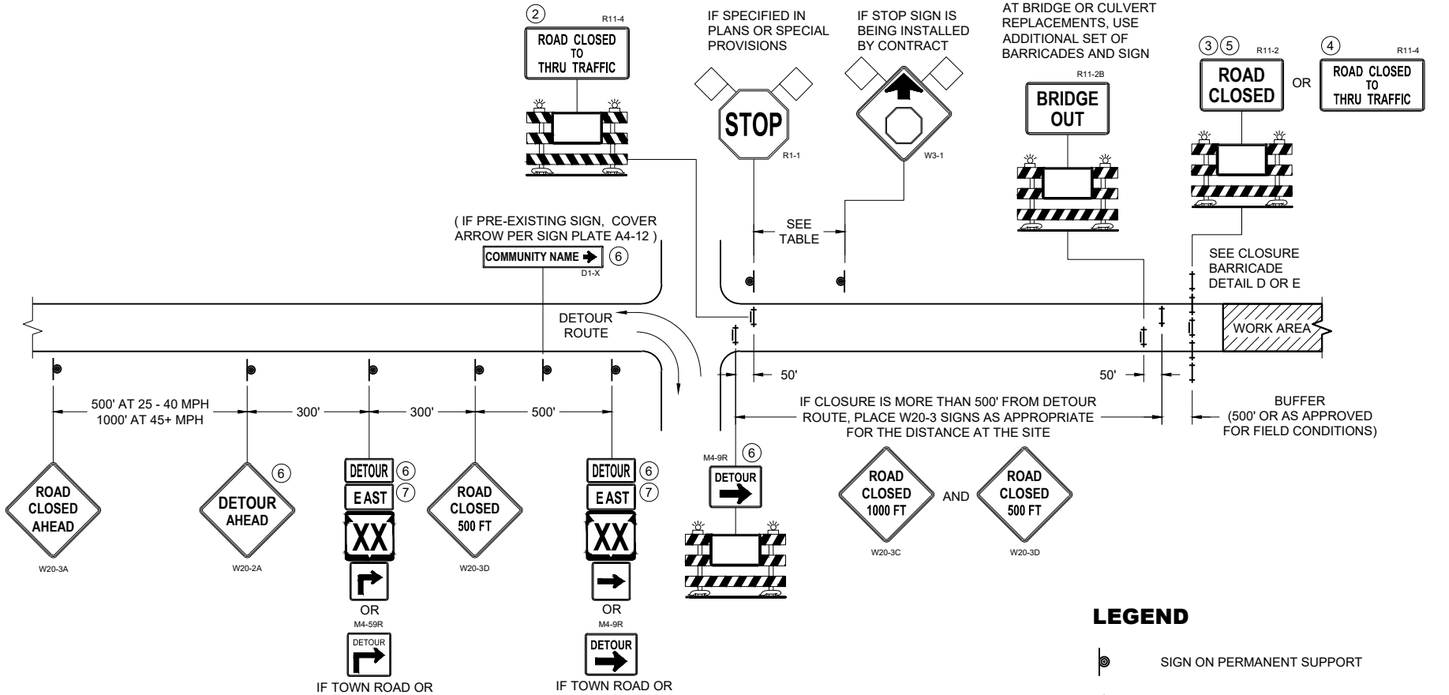
/S/ ALYSSA BARRETTE
CHIEF STATEWIDE ENVIRONMENTAL SERVICES
BUREAU OF TECHNICAL SER

FHWA



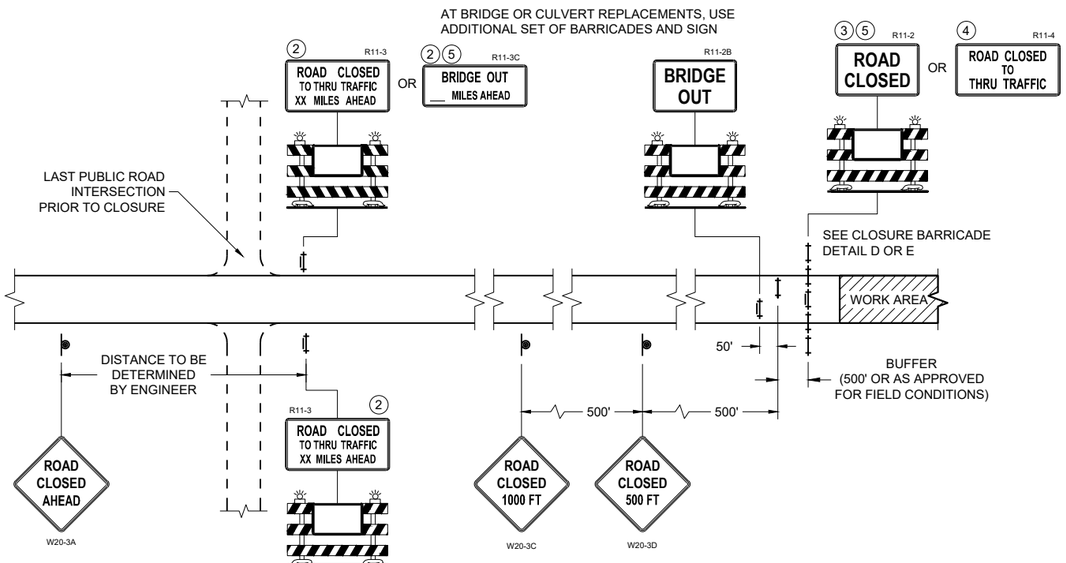
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES (1) THROUGH (7)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1

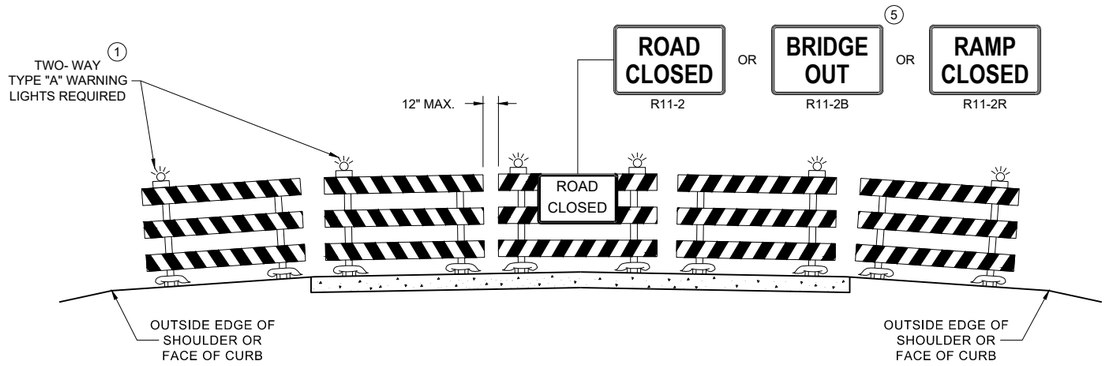
BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

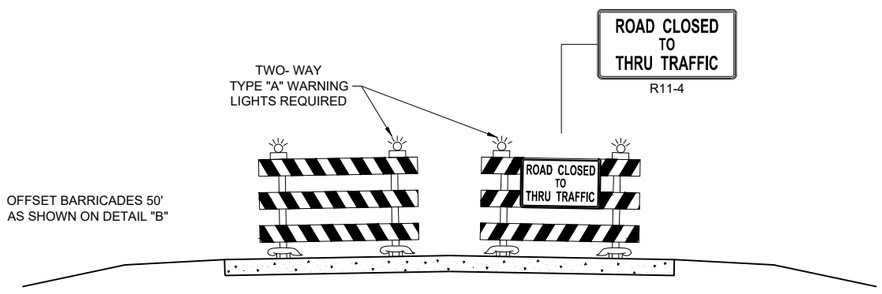
6
SDD 15C02-10a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

PARTIAL NUMBERS ON SIGNS SHALL BE DISPLAYED AS A WHOLE NUMBER(AS NEEDED) FOLLOWED BY A FRACTION. SIGNS SHALL NOT DISPLAY NUMBERS IN DECIMAL FORM.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

SIGNS PLACED ON TYPE III BARRICADES THAT ARE SIZES OTHER THAN 48"X30" SHALL HAVE A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE.

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

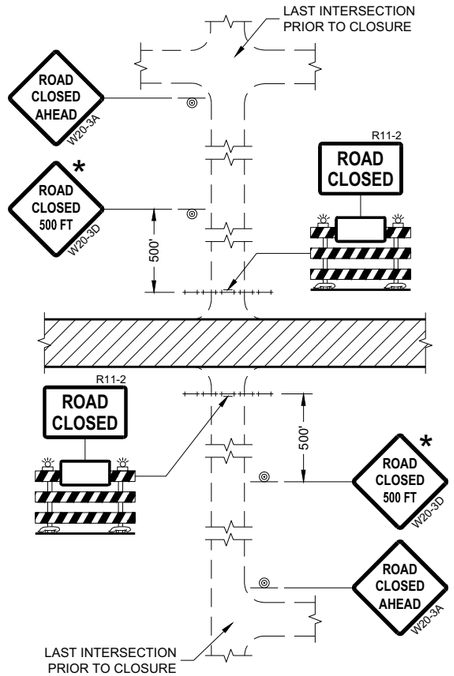
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

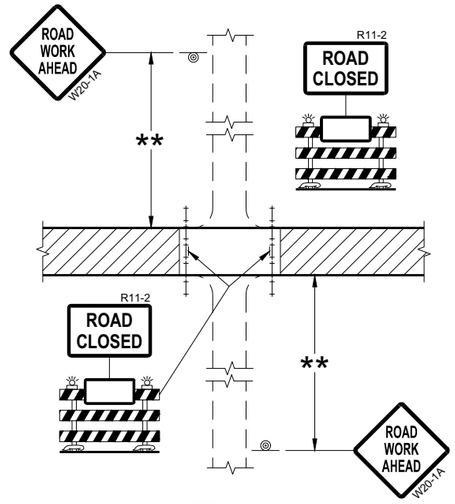
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SDD 15C02-10b



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

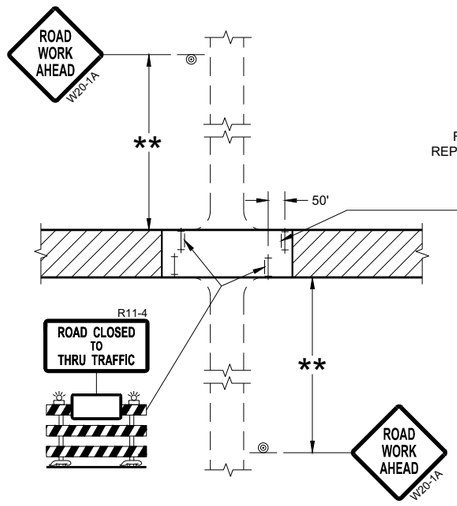
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

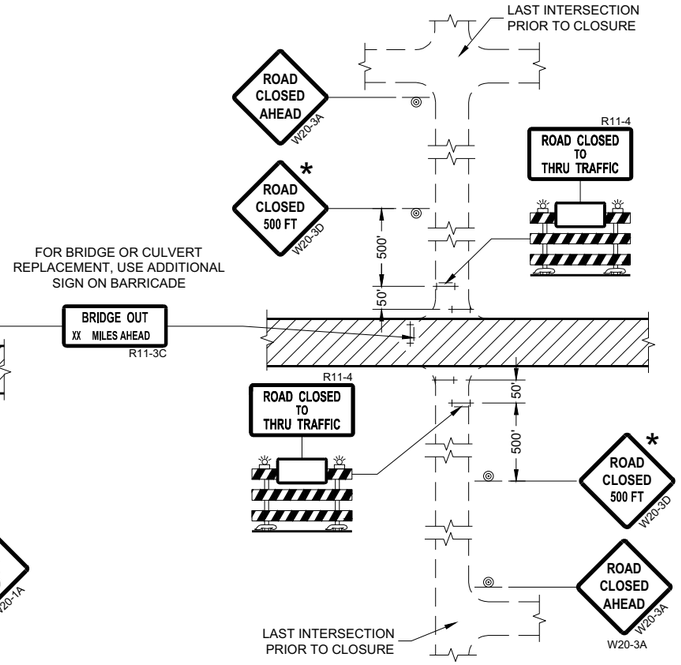
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.





DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6
SDD 15C03 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

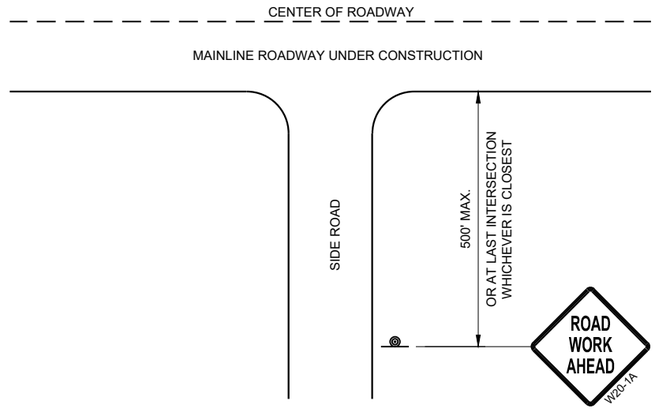
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



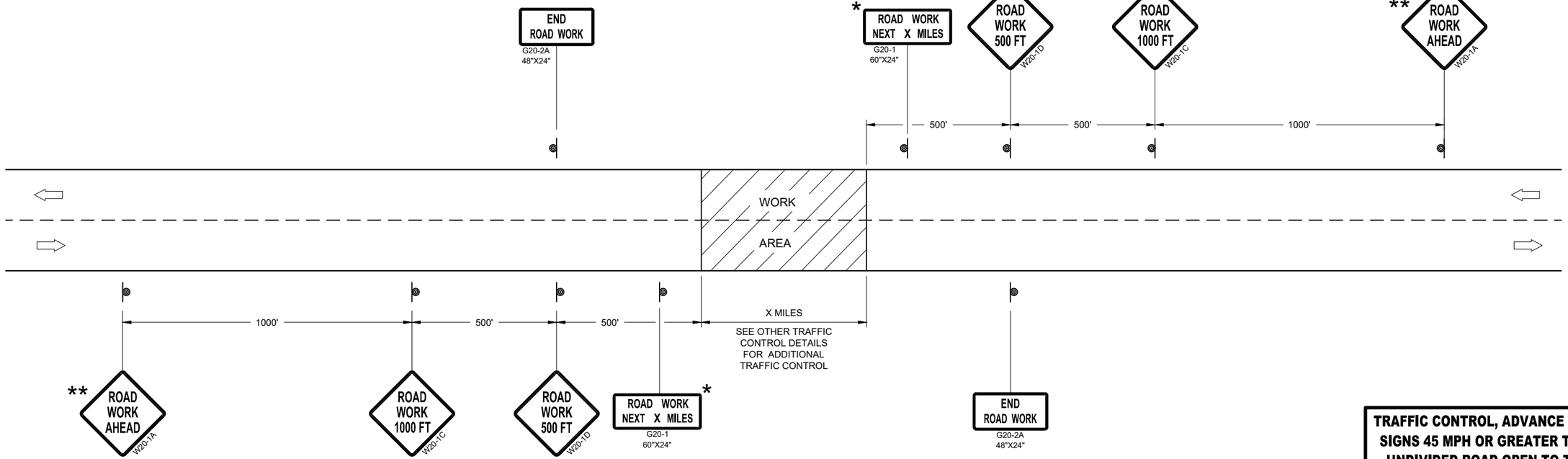
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C04 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

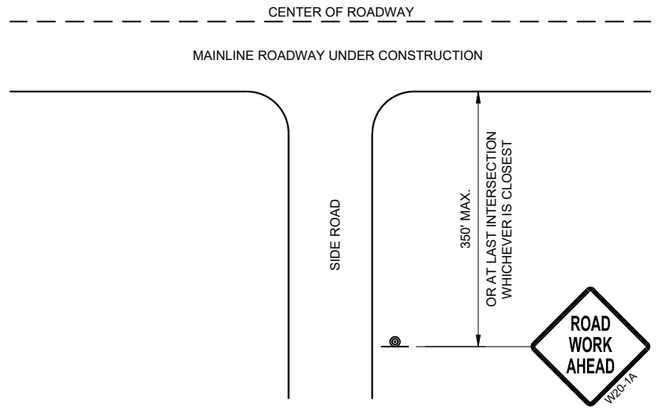
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



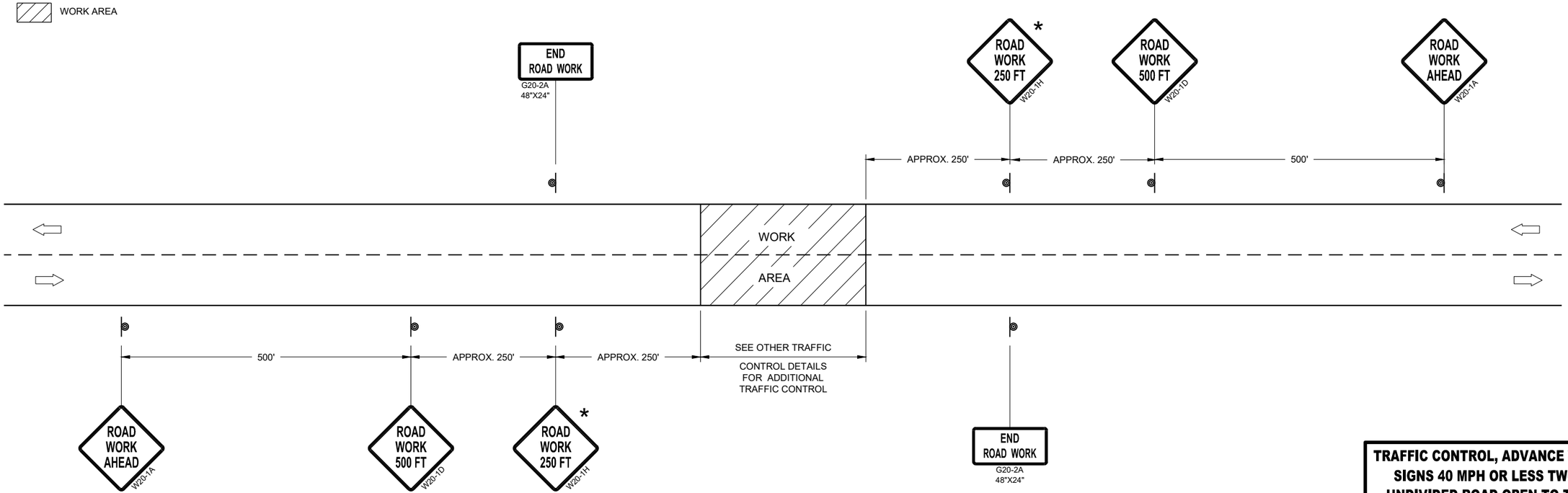
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C05 - 05

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

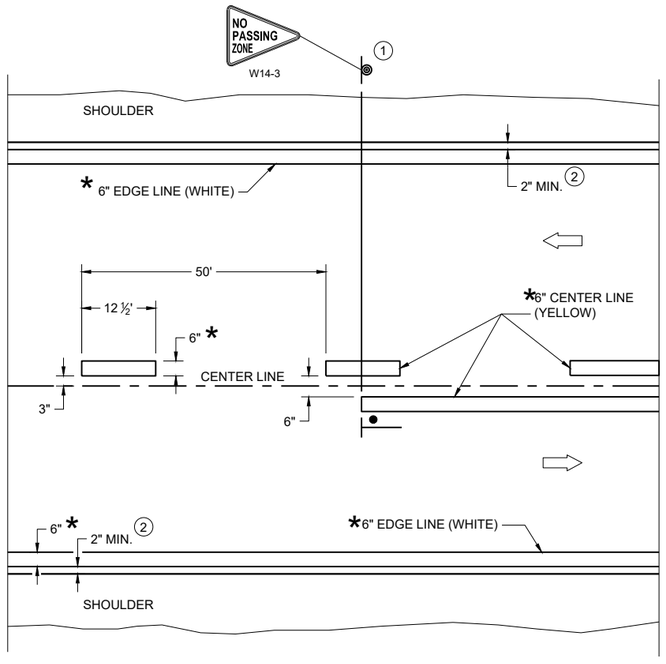
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

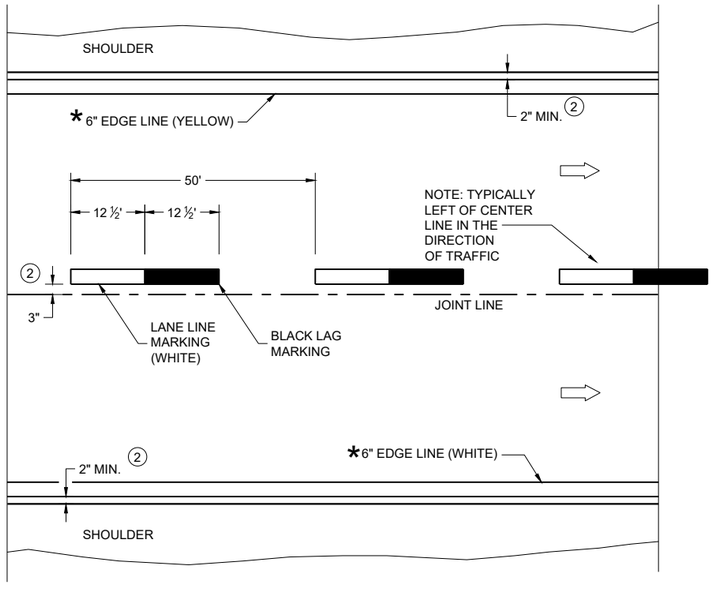
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

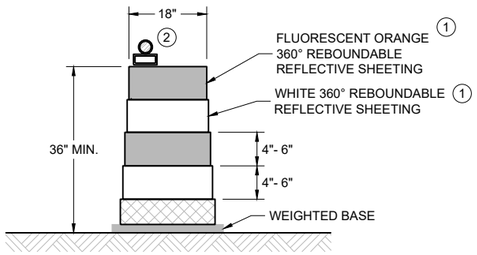
PERMANENT LONGITUDINAL PAVEMENT MARKINGS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED December 2024 DATE	/S/ Jeannie Silver Statewide Pavement Marking Engineer
FHWA	

6
SDD 15C08-24a

GENERAL NOTES

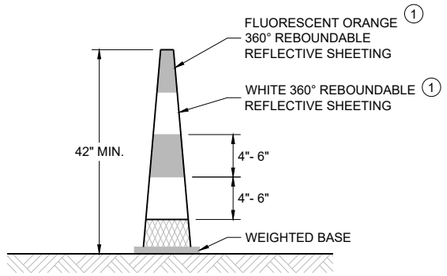
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

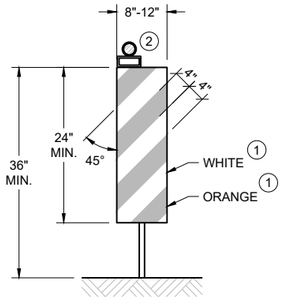
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

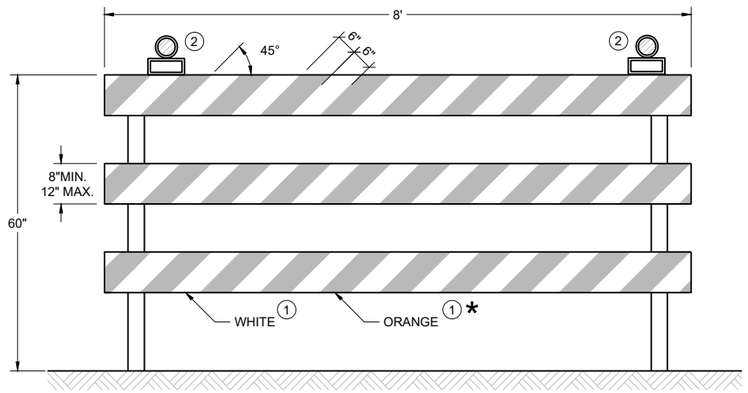
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6
SDD 15C11-11b

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

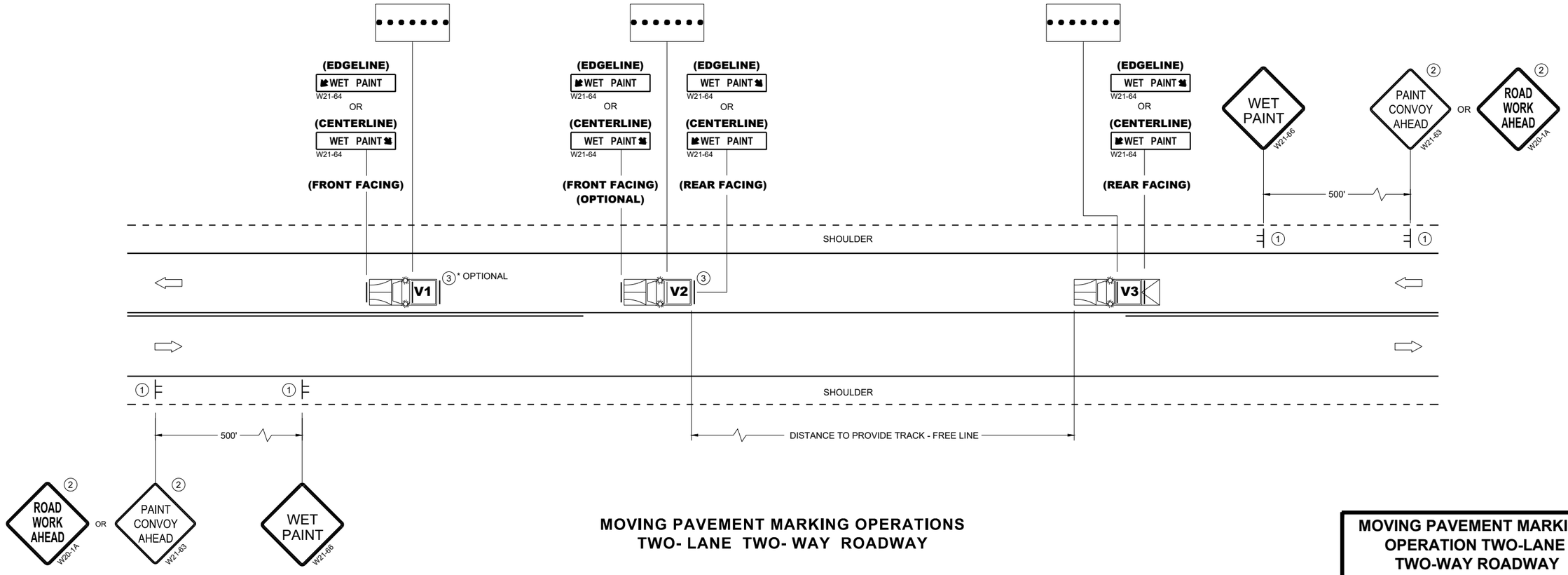
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY MAJOR INTERSECTION.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.

(3) V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — STATE ELECTRICAL ENGINEER

FHWA

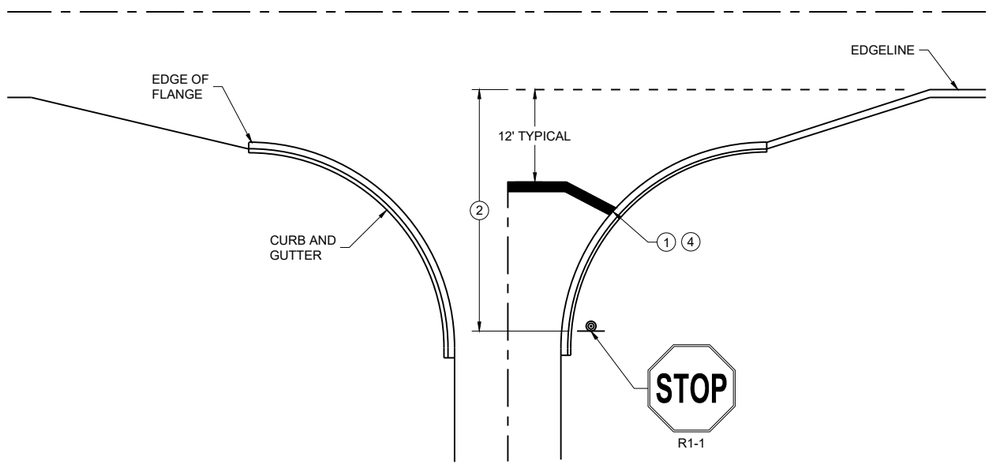
6

SDD 15C19-11a

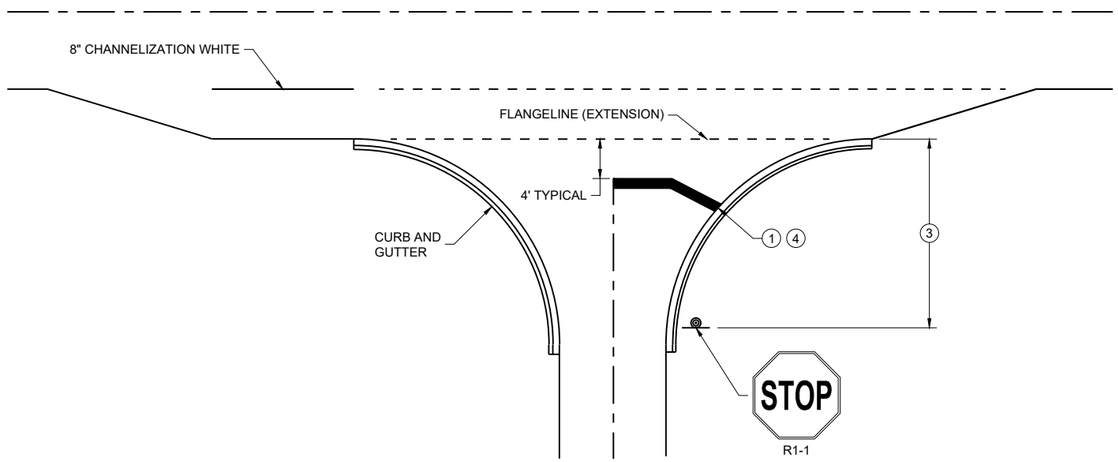
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

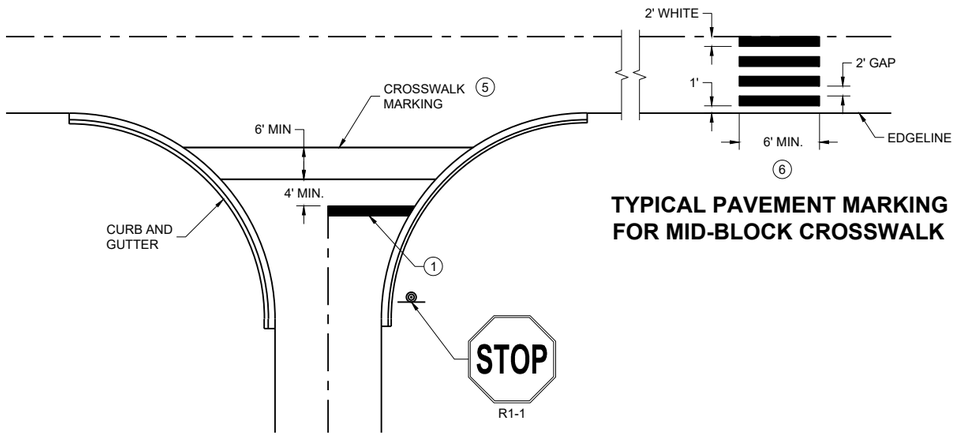
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

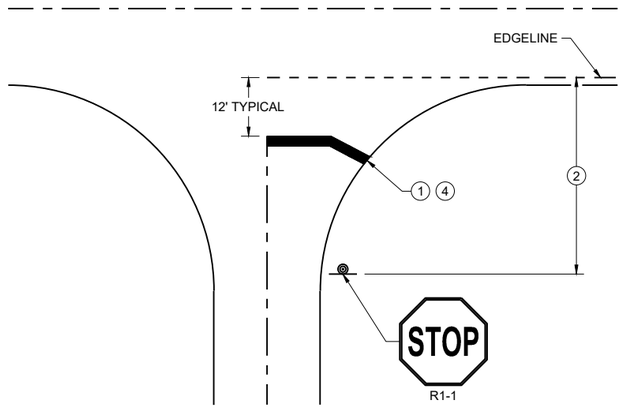


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK (5)

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

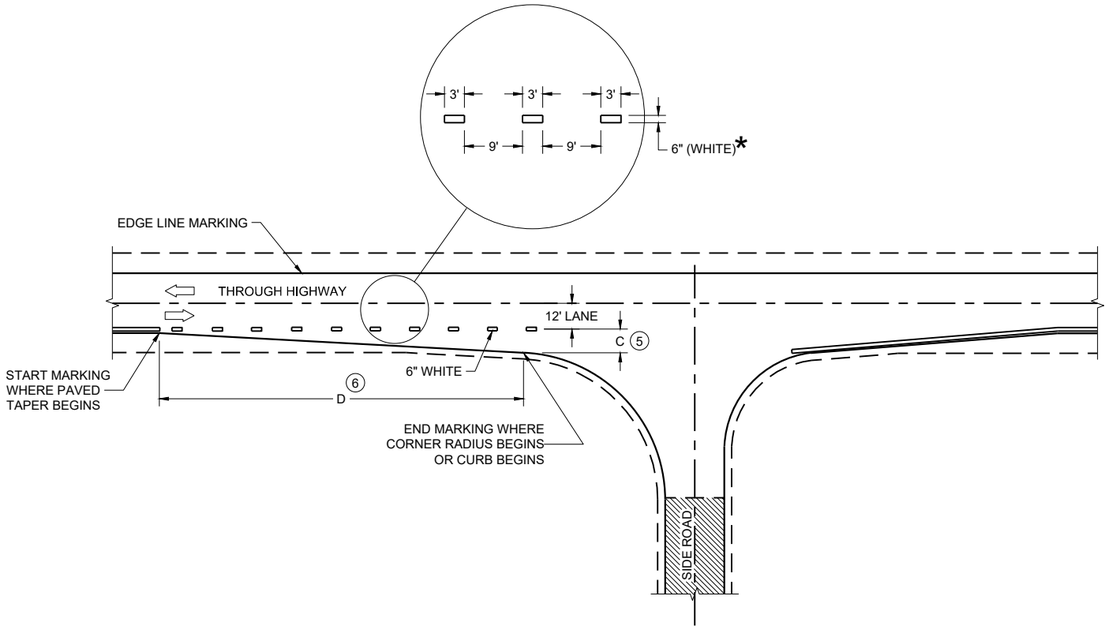
March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

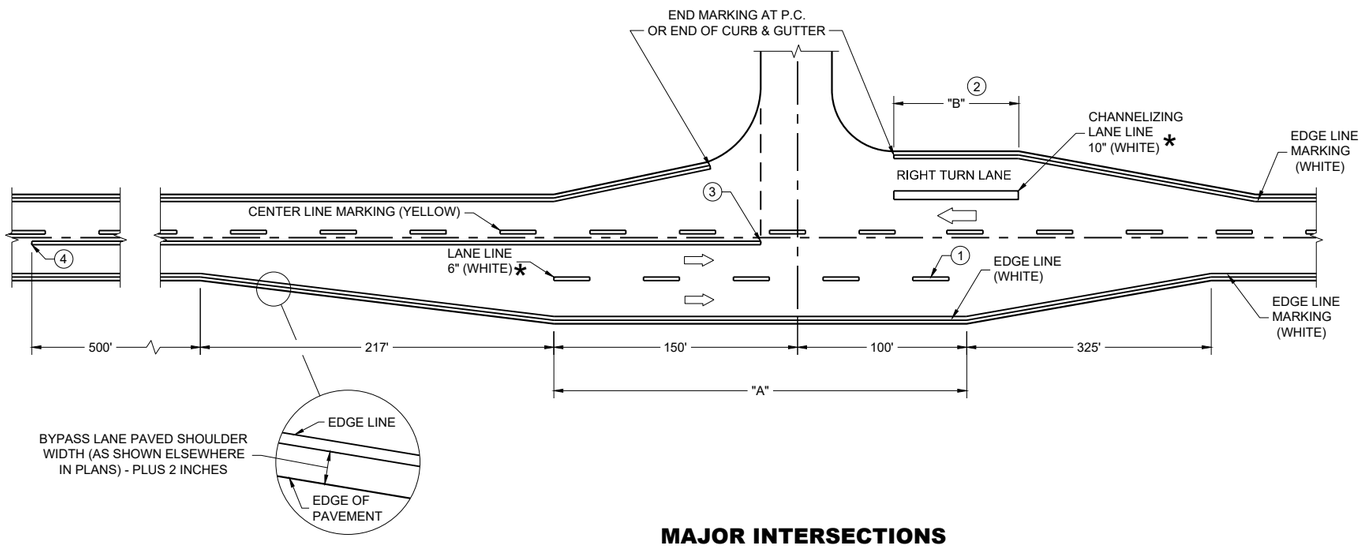
FHWA

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SDD 15C33-05



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

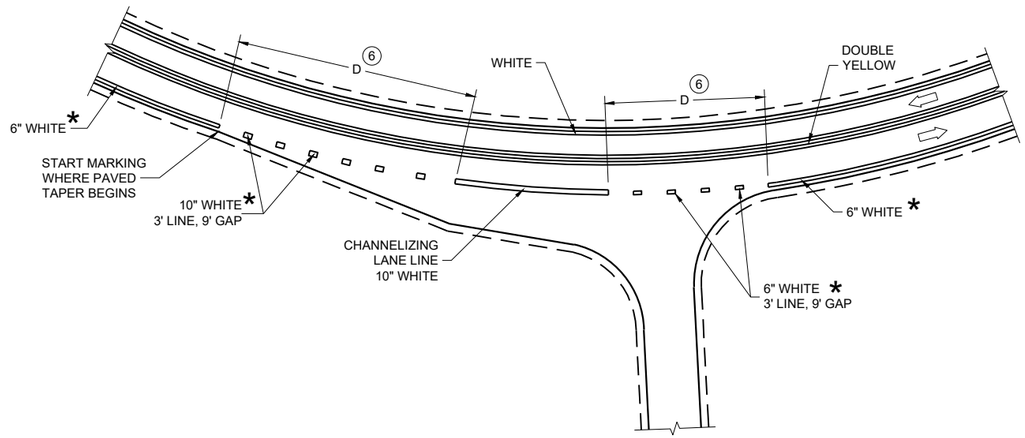
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C35-06a

SDD 15C35-06a

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

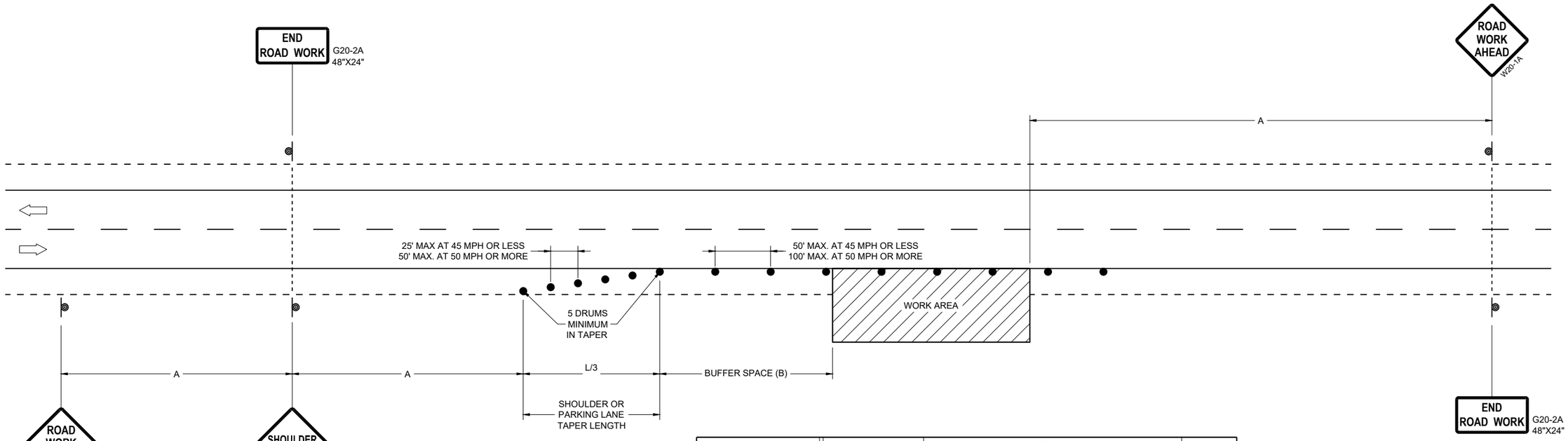
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	155
30	200'	15	20	25	30	35	40	200
35	350'	20	27	34	40	47	54	250
40	350'	26	35	44	53	62	70	305
45	500'	45	59	74	89	104	119	360
50	500'	50	66	83	99	116	132	425
55	500'	54	73	91	109	127	145	495

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

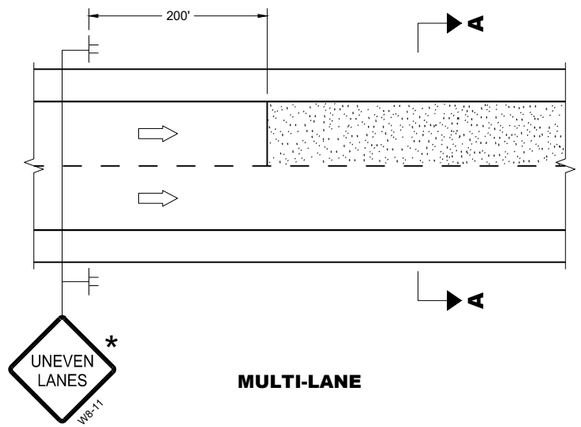
APPROVED
May 2026
DATE

/S/ ANDREW HEIDTKE
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

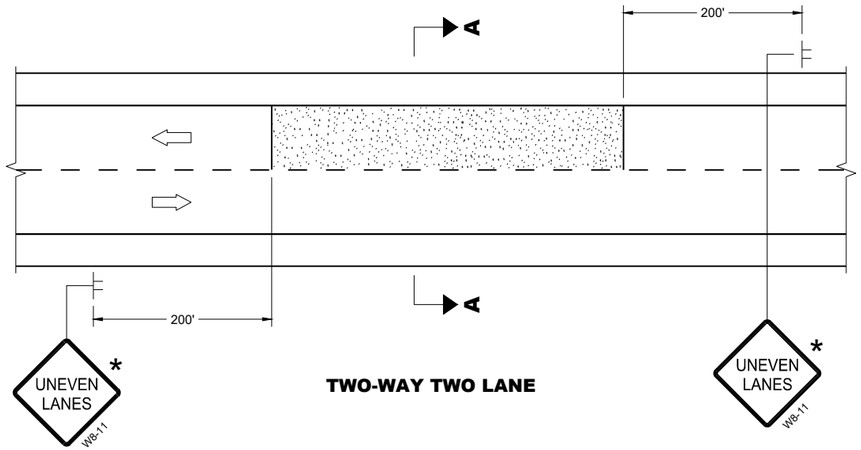
FHWA

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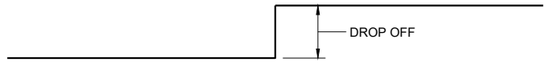
SDD 15D28-06



MULTI-LANE

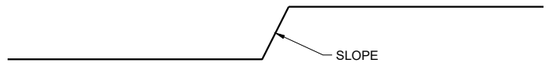


TWO-WAY TWO LANE

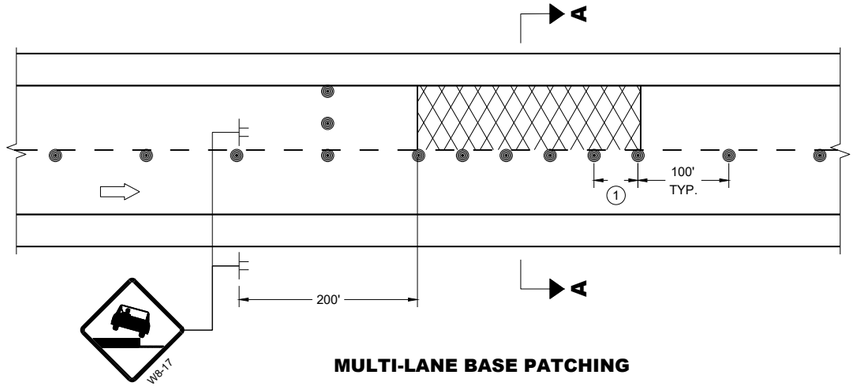


SECTION A - A

OR



SECTION A - A



MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

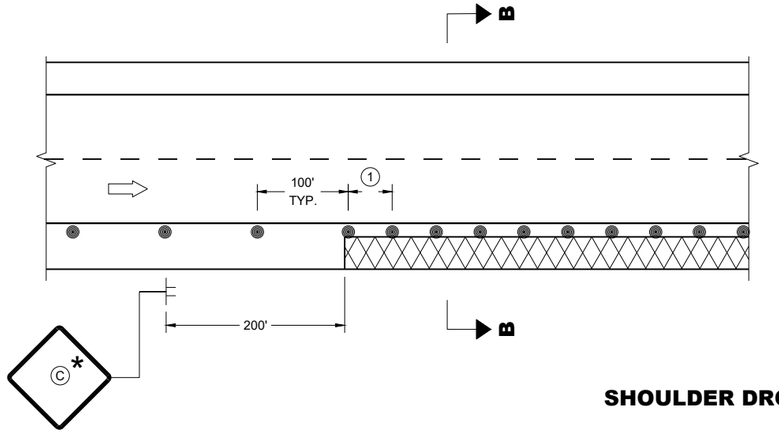
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

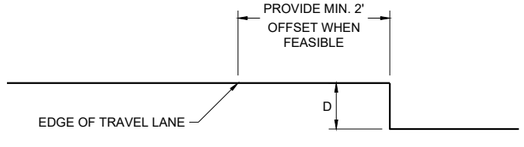
(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE



SHOULDER DROP-OFFS



SECTION B - B

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP - OFF W8-9A
	PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6
SDD 15D39-03

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

(1) PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED OR LOOSE GRAVEL SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

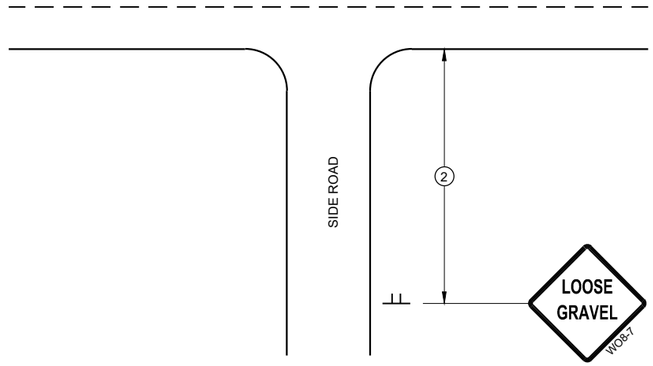
(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

(3) ADD WO8-1 OR WO8-2 SIGN WHEN THE CONDITION IS PRESENT.

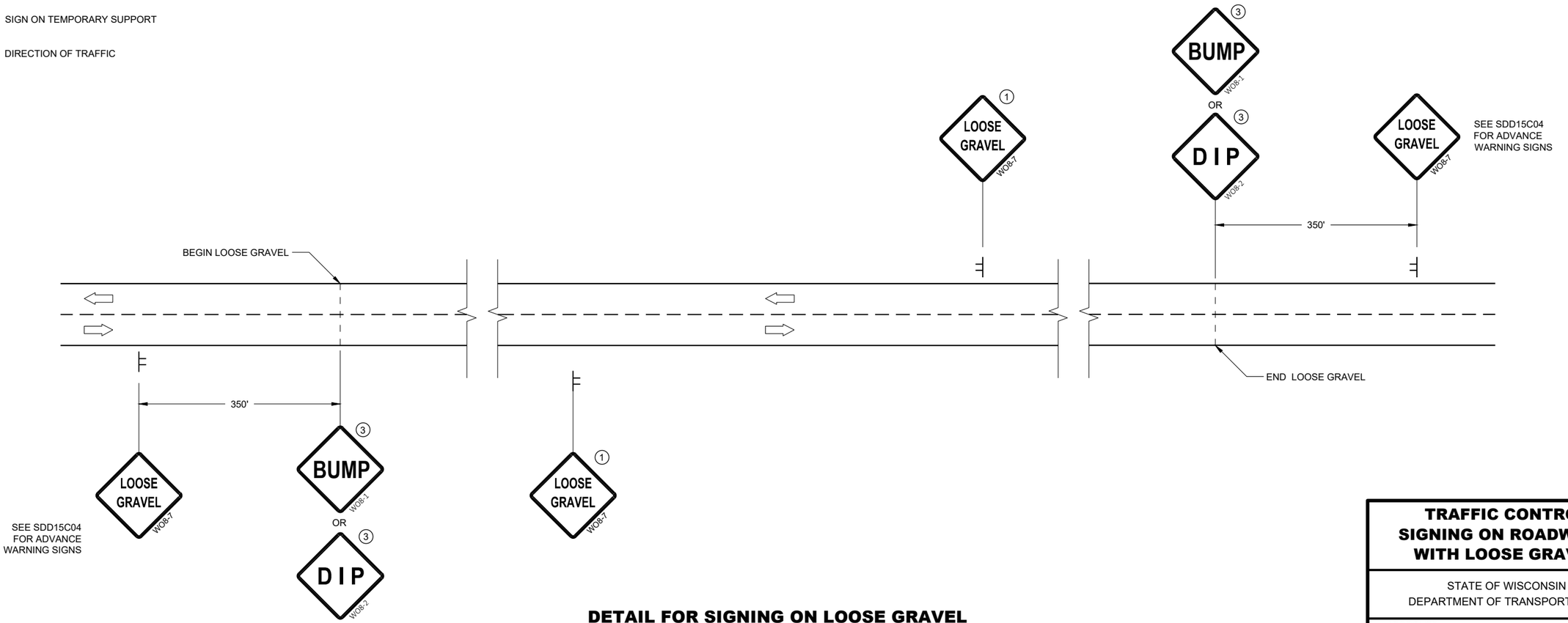
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON LOOSE GRAVEL OR CHIP SEALED SURFACES

TRAFFIC CONTROL SIGNING ON ROADWAYS WITH LOOSE GRAVEL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15D45 - 03

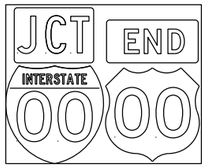
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SDD 15D45 - 03

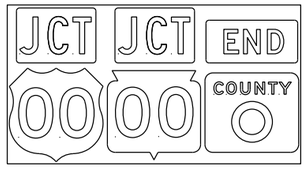
TYPICAL ASSEMBLIES



J1-1



J1-2



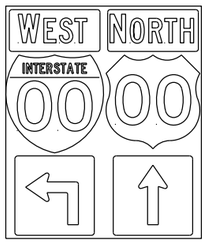
J1-3



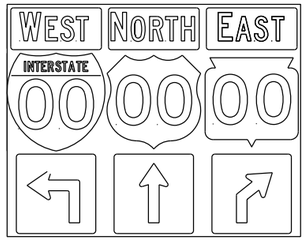
JR1-1



J2-1



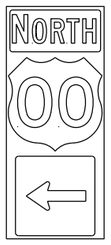
J2-2



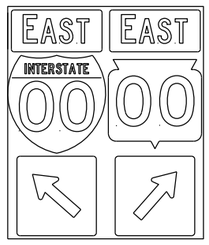
J2-3



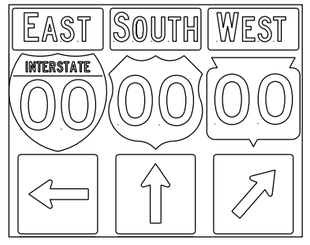
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



J3-1



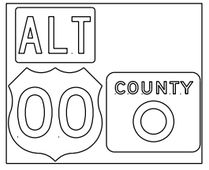
J3-2



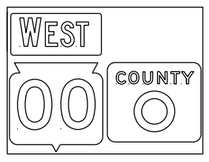
J3-3



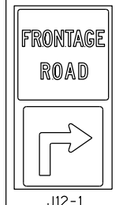
J4-1



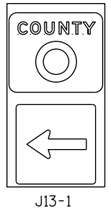
J4-2



J4-2



J12-1



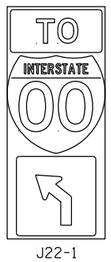
J13-1



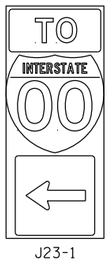
J32-1



J33-1



J22-1



J23-1



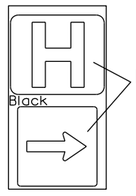
JR13-1



JR23-1



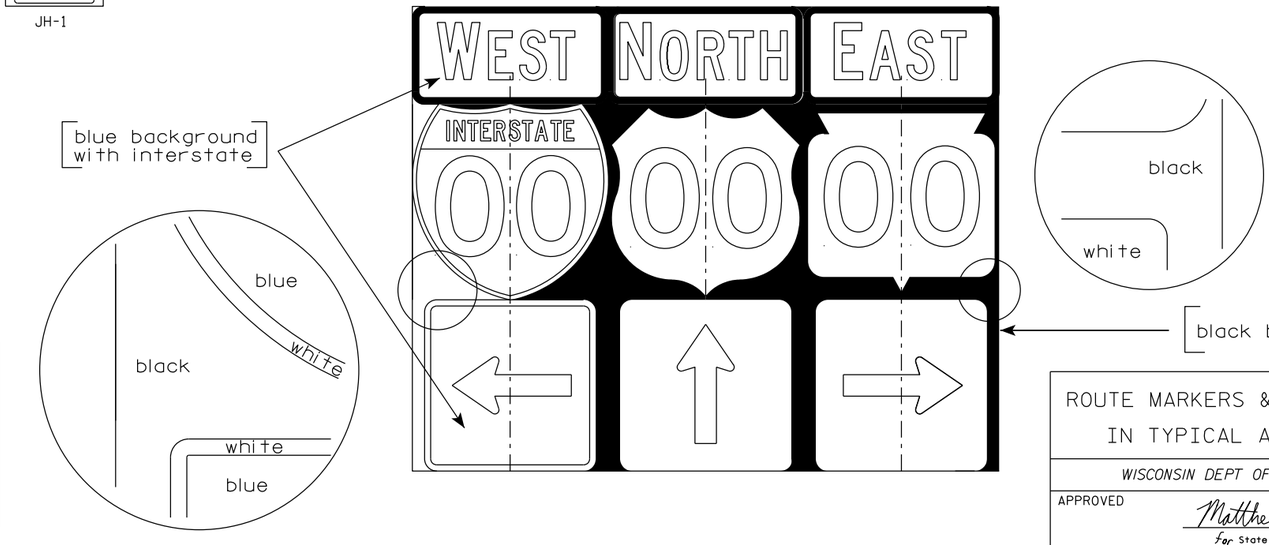
JR99-1



JH-1

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 4
3. Message Series - See Note 4
4. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
5. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
6. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
7. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
8. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. All Vertical J Assemblies are given a Sign Code of JV
10. For JV Assemblies that have a mixture of Interstate and Non-Interstate shields, arrows and cardinals shall be white on blue.
11. For JV Assemblies that have a mixture of Non-Interstate and Auto-Tour shields, arrows and cardinals shall be black on white.



ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/23 PLATE NO. A2-1S.10

PROJECT NO:

SHEET NO: 93 E

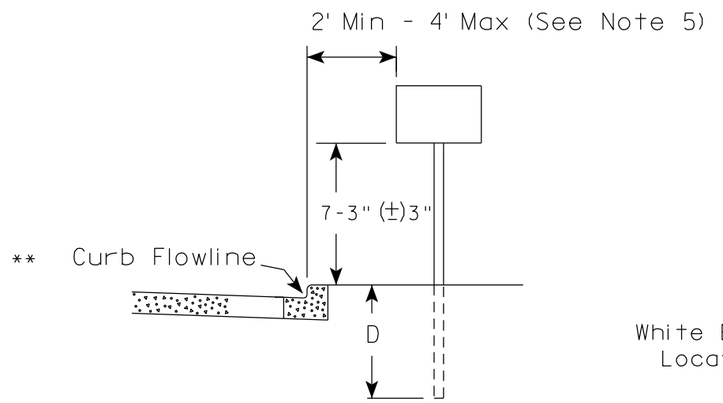
FILE NAME : C:\CAEfiles\Projects\tr_stdplate_A21S.dgn PLOT DATE : 7-JUN 2023 9:14 PLOT BY : mscj9h PLOT NAME :

WISDOT/CADDS SHEET 42

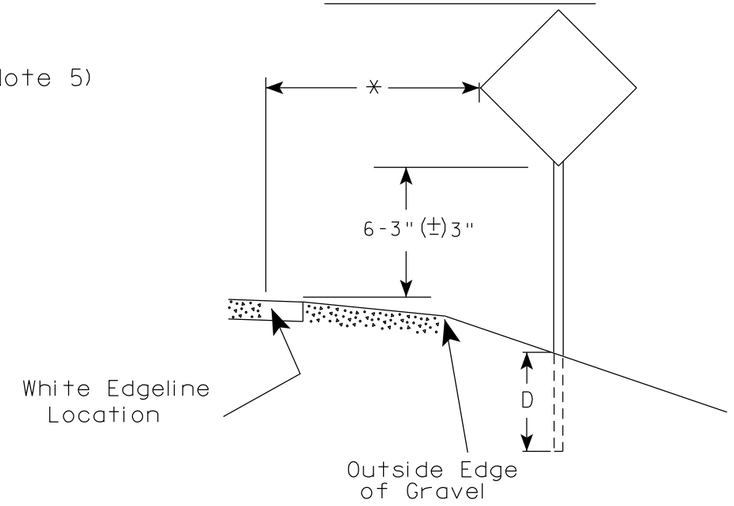
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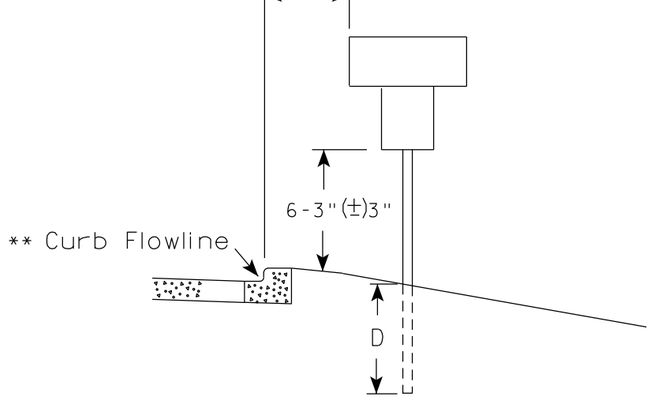
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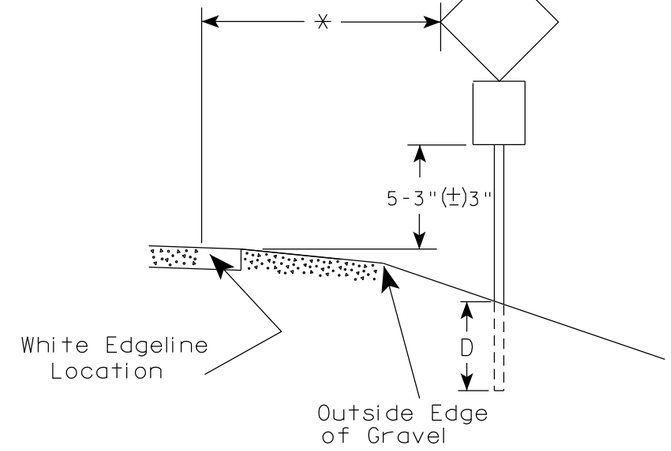
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

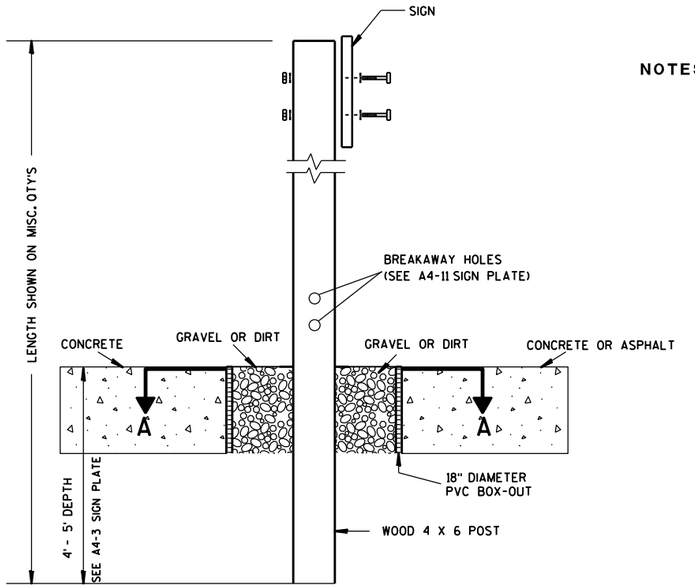
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

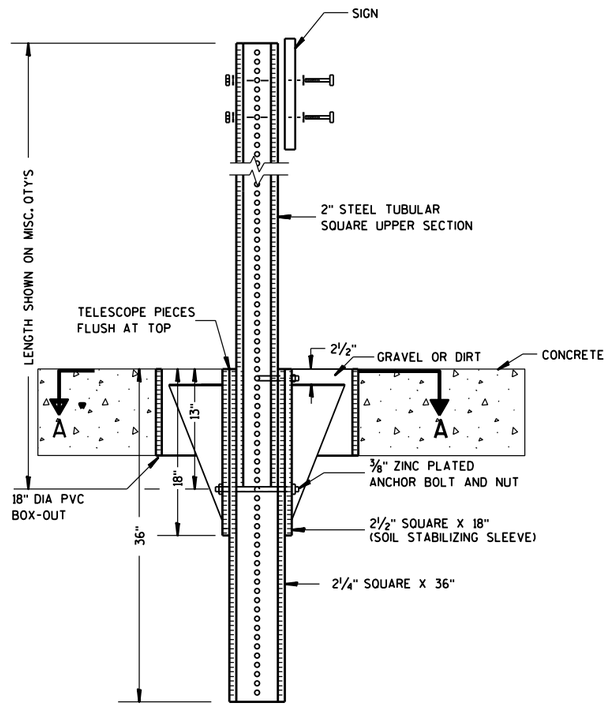
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 94	E



ELEVATION VIEW

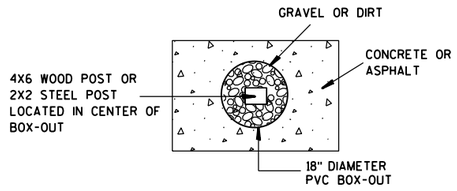
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

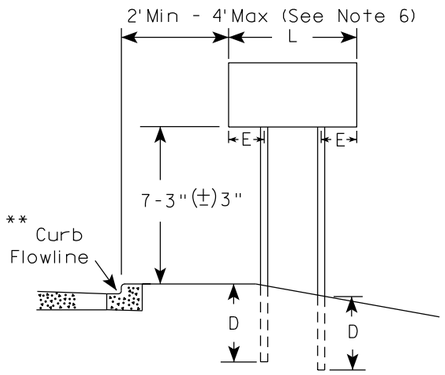
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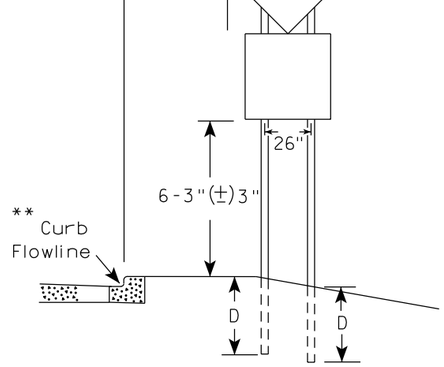
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

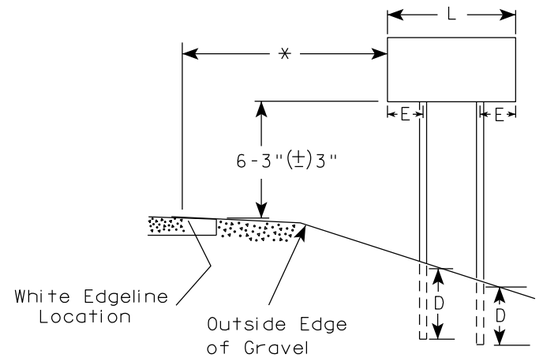
URBAN AREA

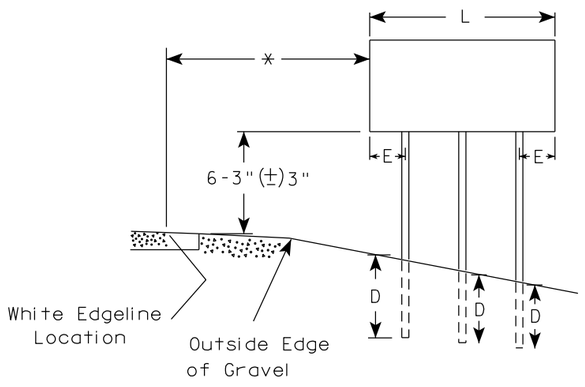


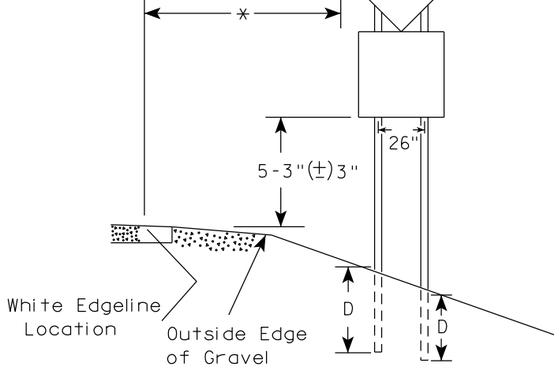


48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

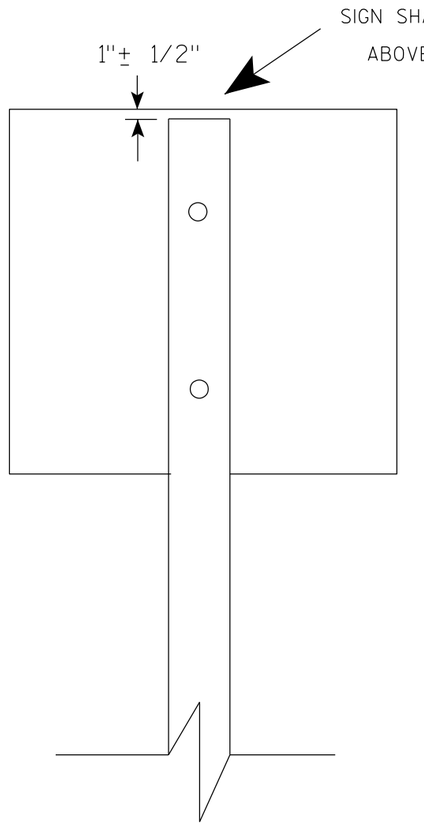
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

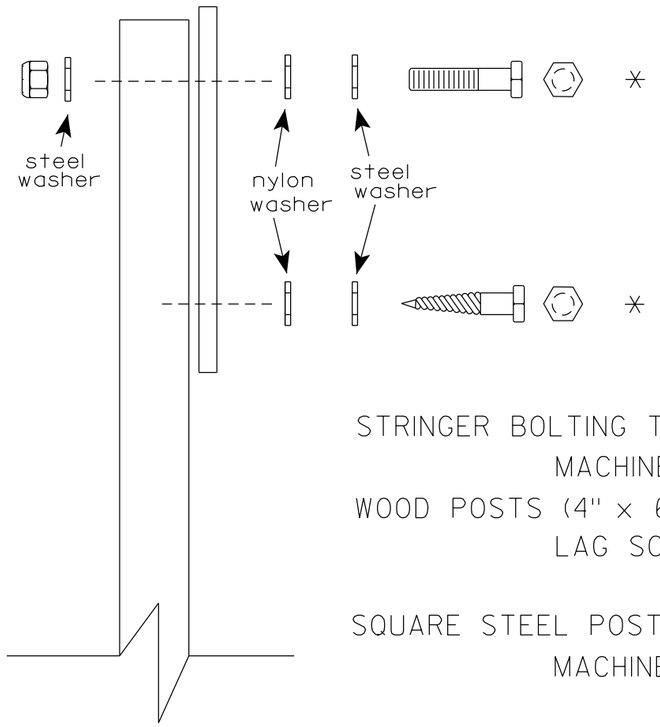
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 96	E





Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

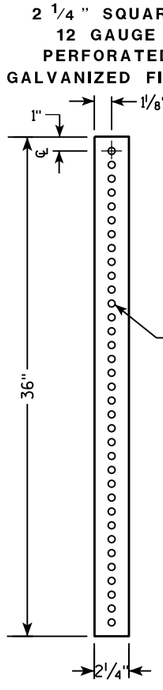
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

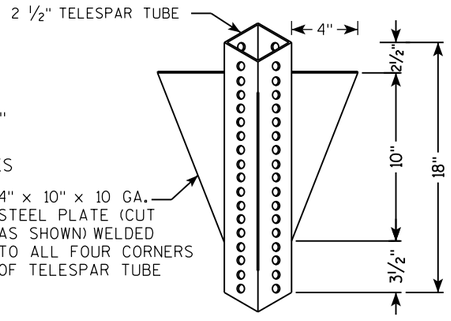
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

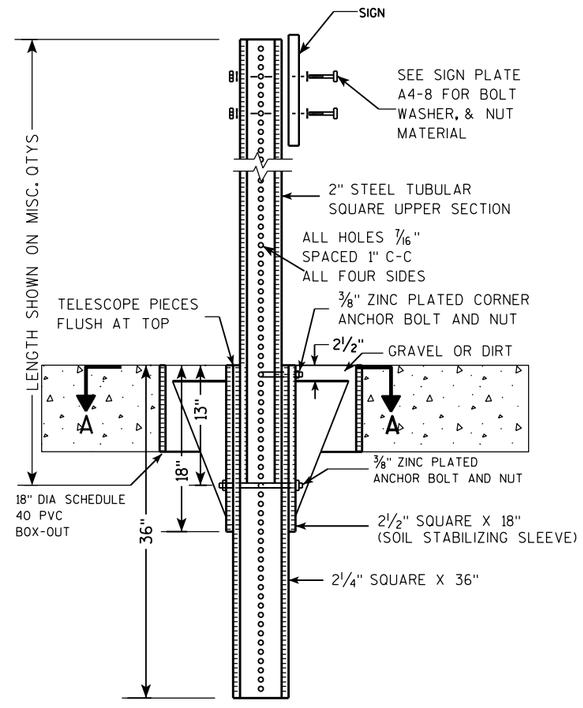
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



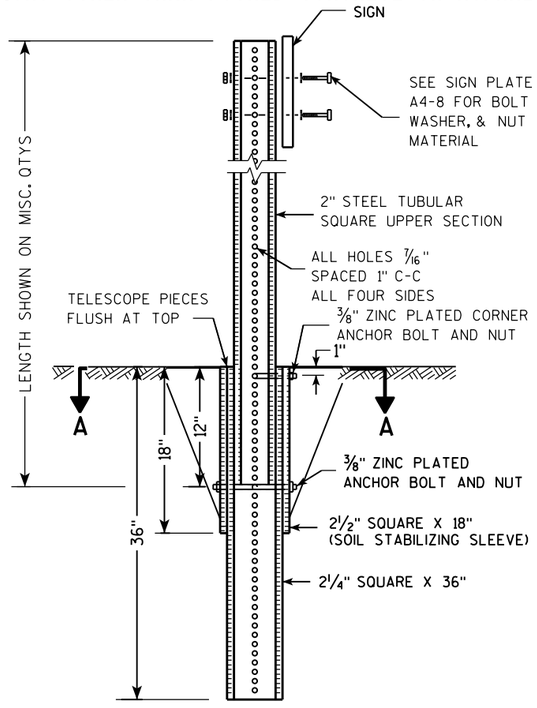
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

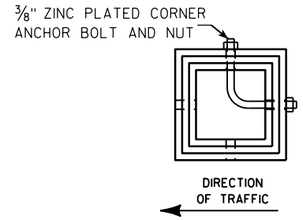


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

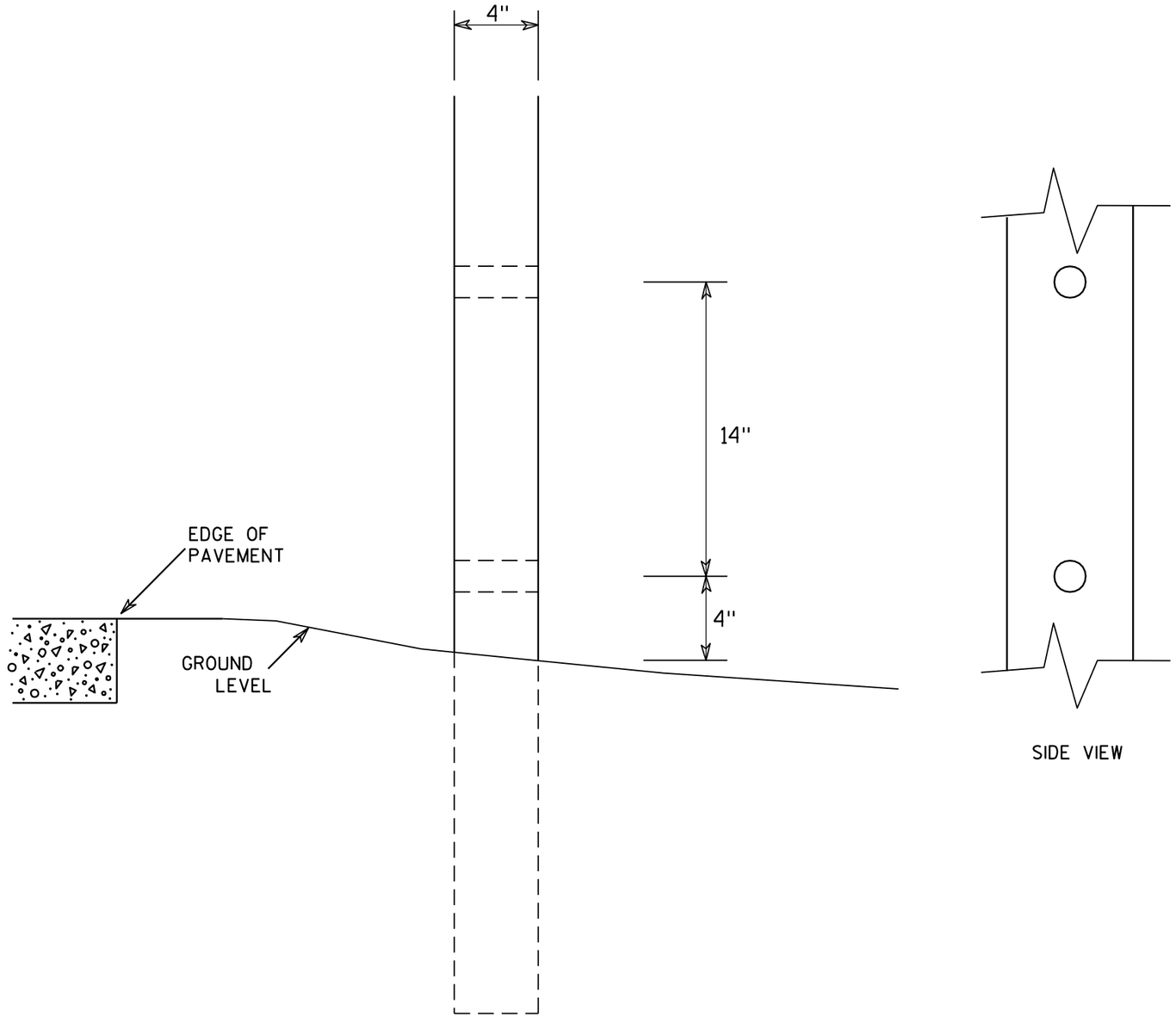
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 98 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

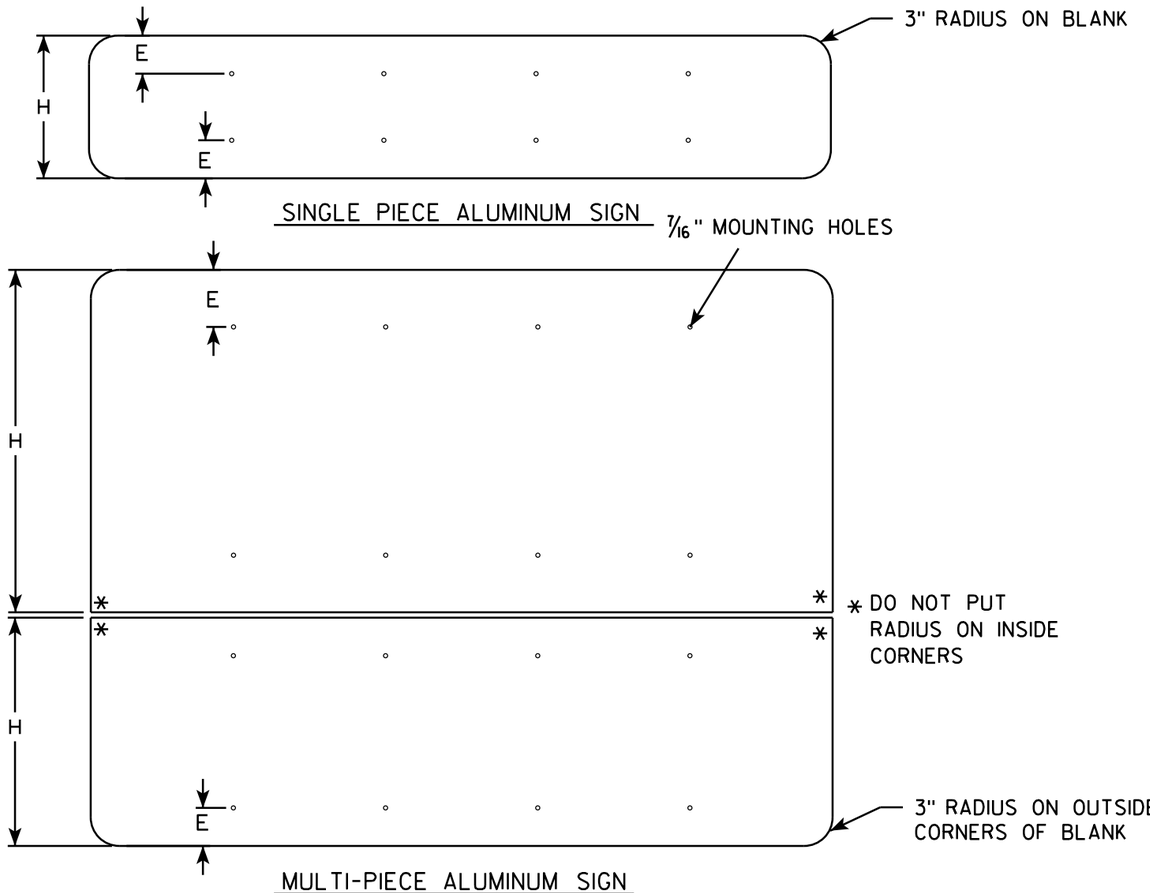
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

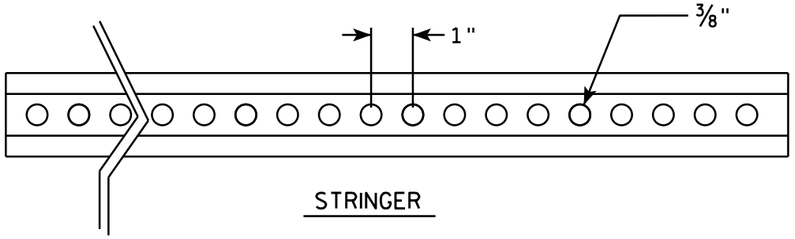
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GENERAL NOTES

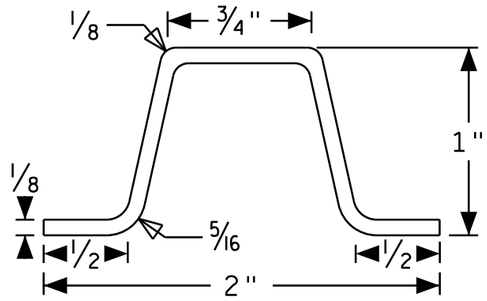
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

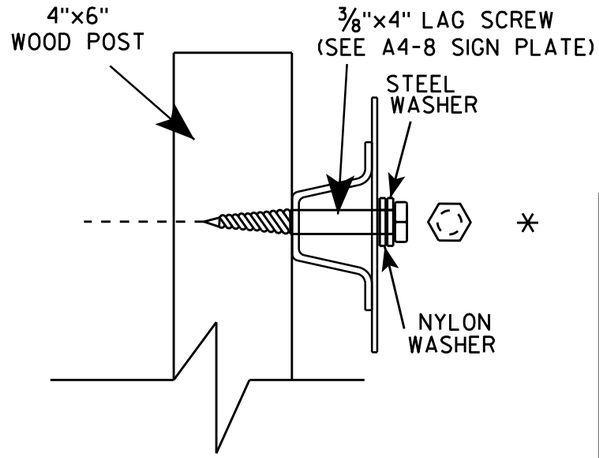


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

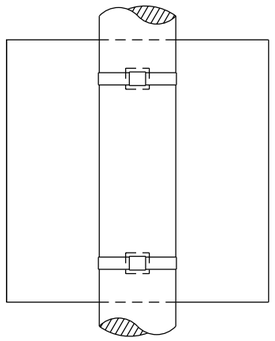
DATE 4/26/16 PLATE NO A4-18.1

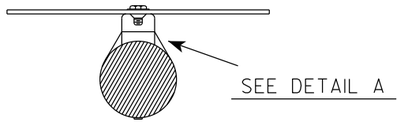
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

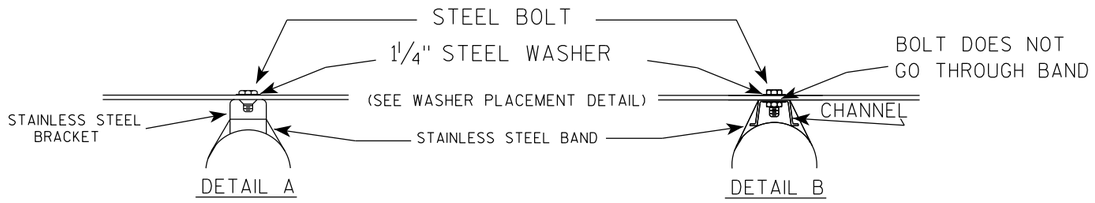
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BANDING

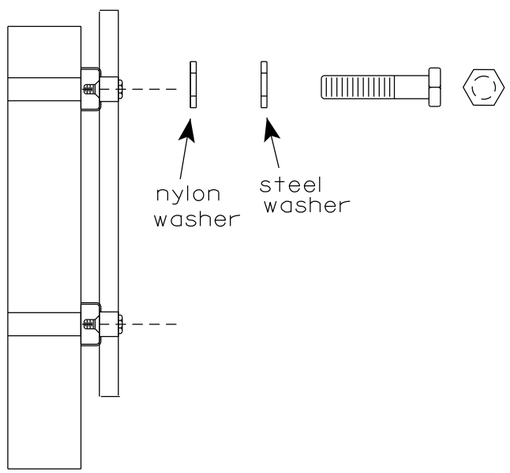
SINGLE SIGN







WASHER PLACEMENT

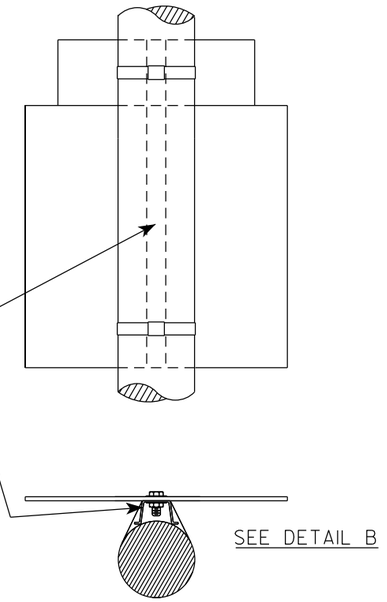


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

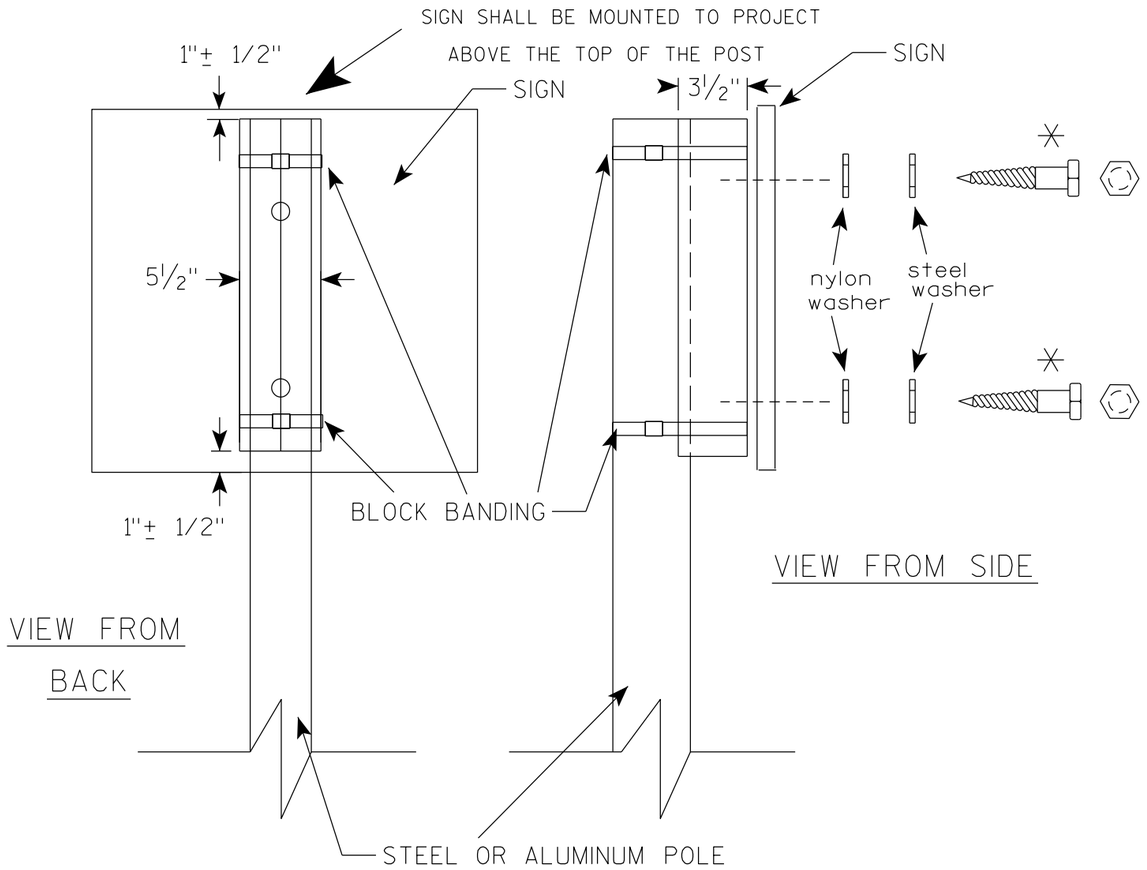
DATE 6/10/19 PLATE NO. A5-9.4

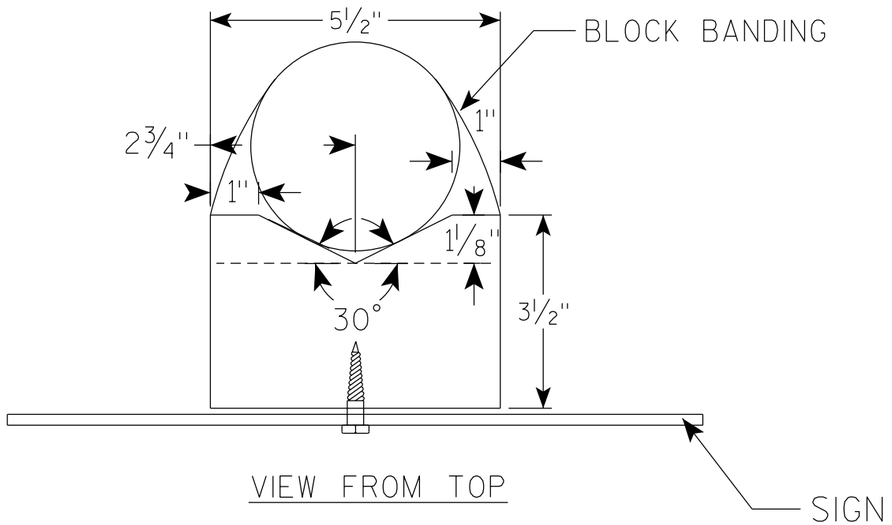
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 101	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

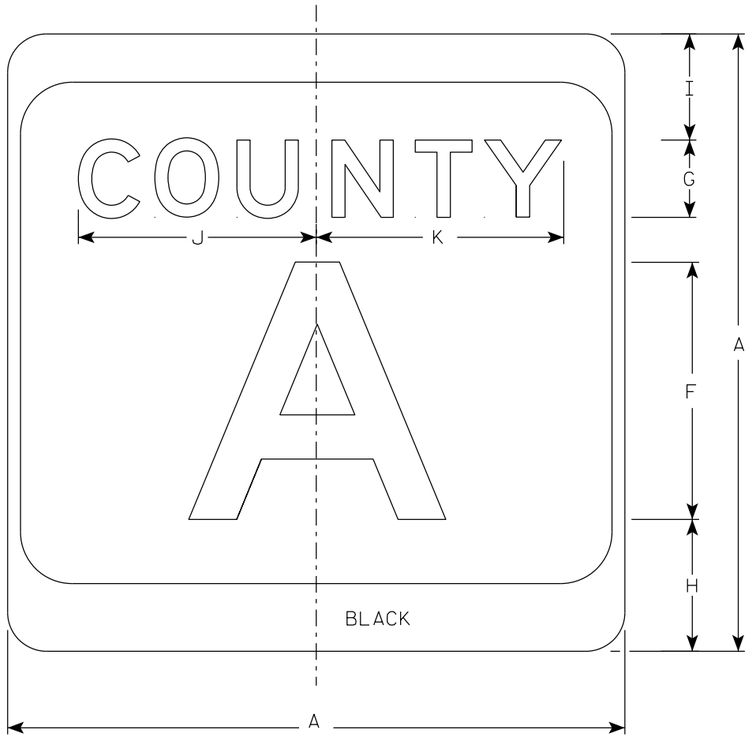
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

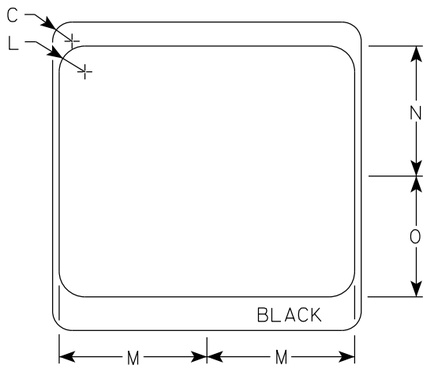
DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 102 E

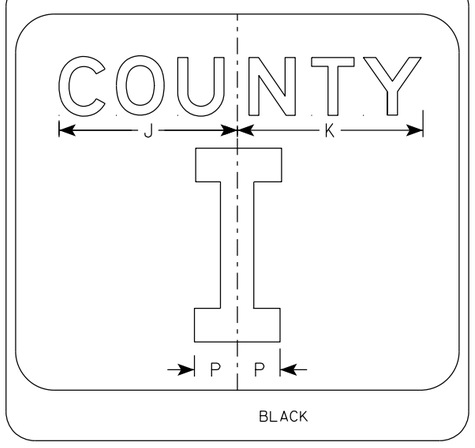


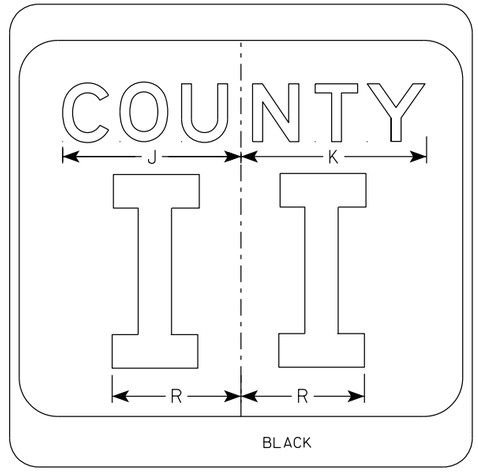
M1-5A



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White & Black
   Message - Black
3. Message Series - see Note 4
4. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
5. Substitute appropriate letters & optically center to achieve proper balance.





SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

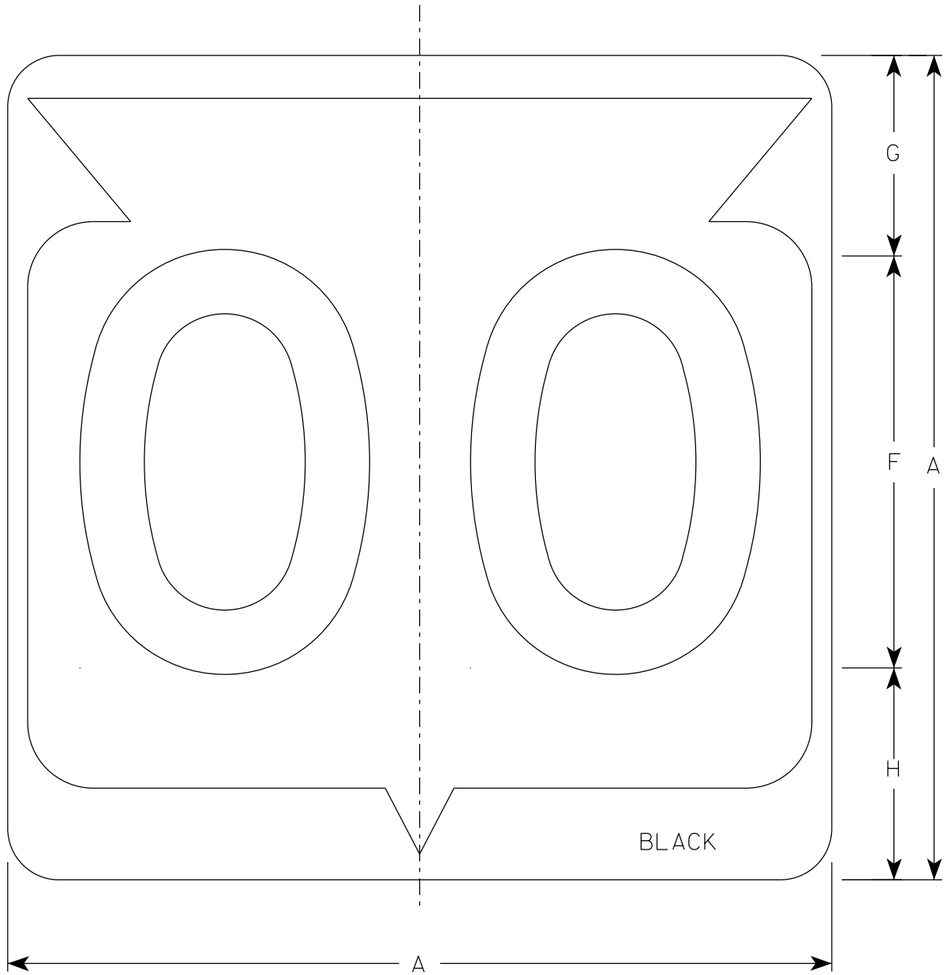
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-5A.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M15A.dgn PLOT DATE : 8-NOV 2022 8:26 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

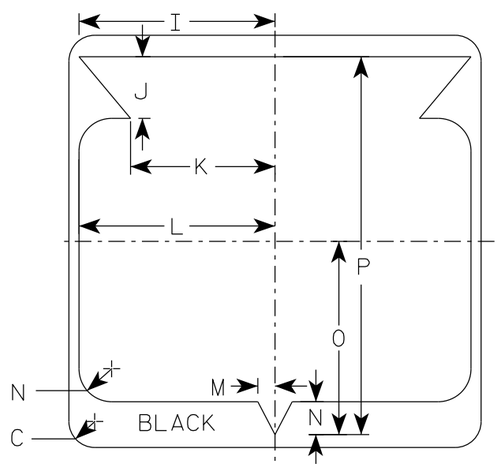
7



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
2M	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

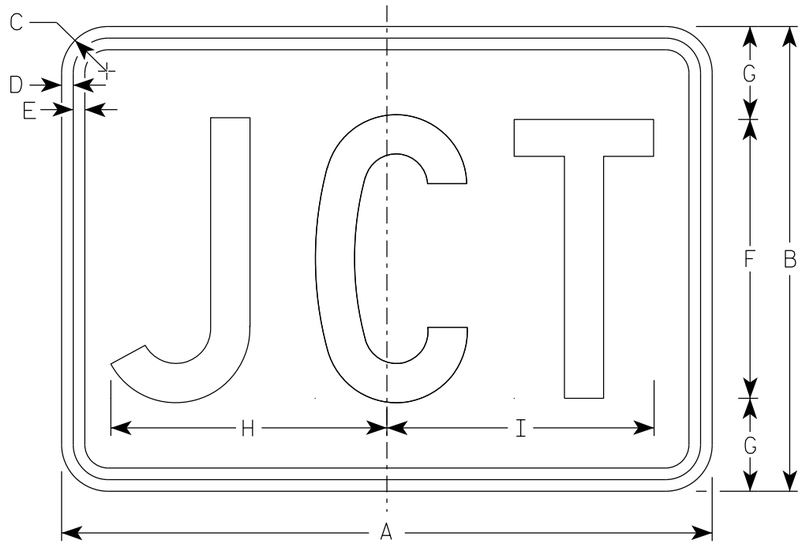
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

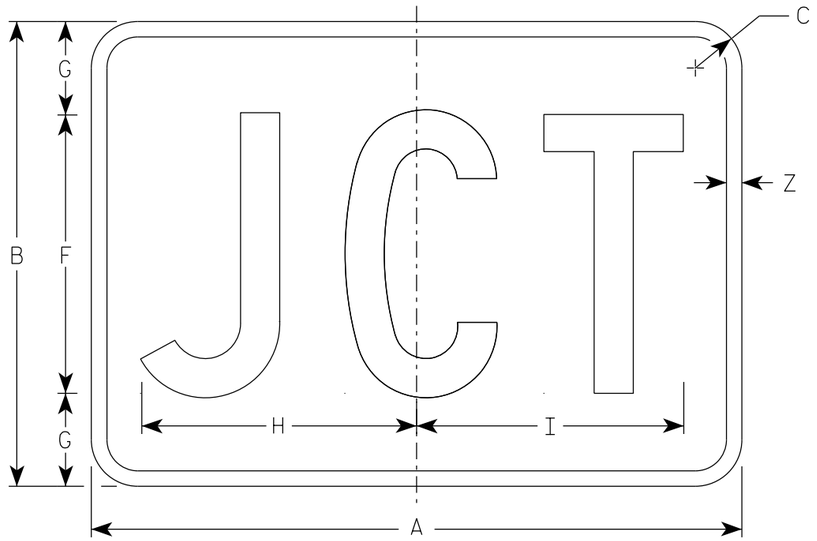
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 104	E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
2M	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
3	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
4	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
5	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40

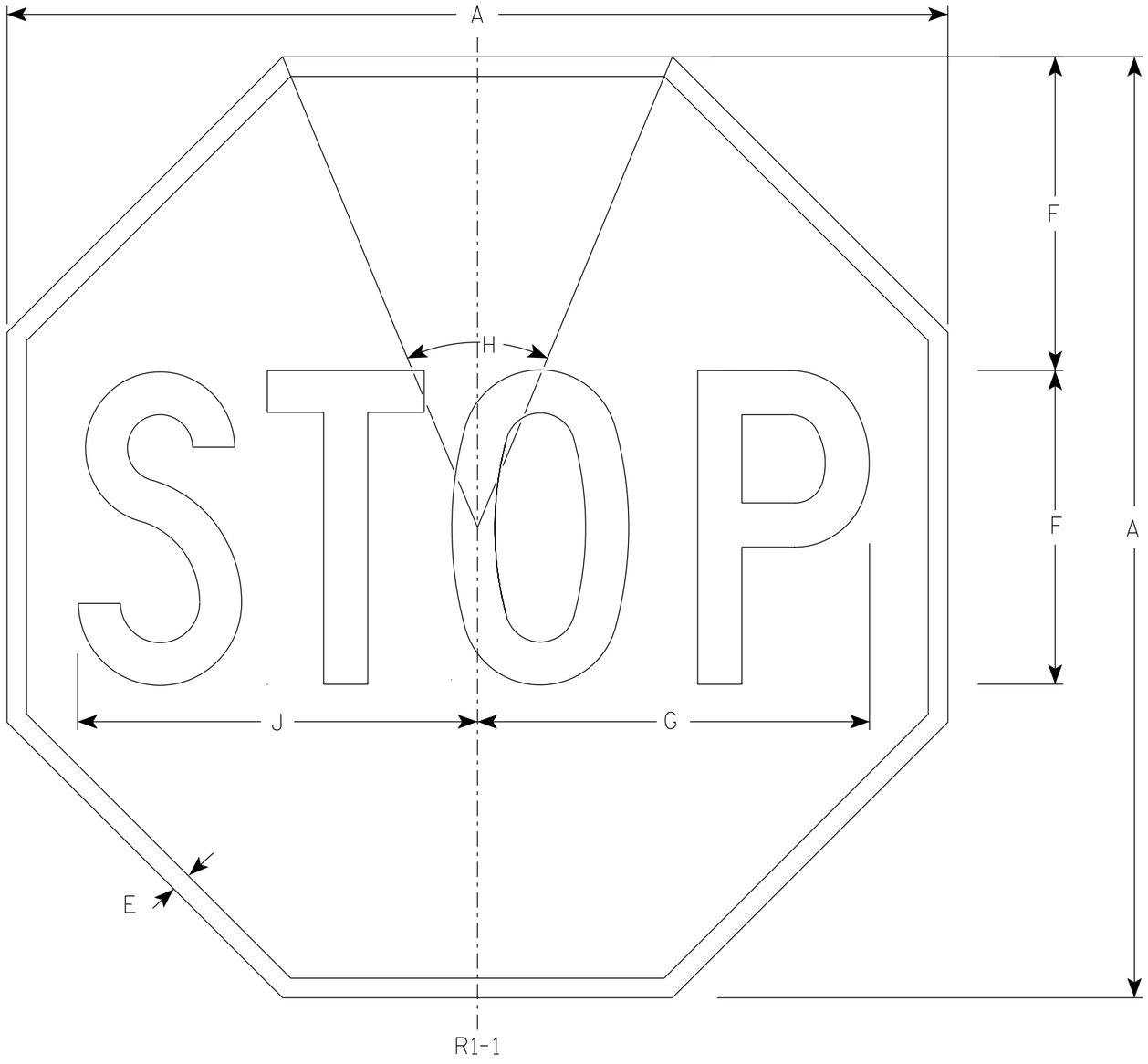
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M2-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 105 | E



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86

STANDARD SIGN
R1-1

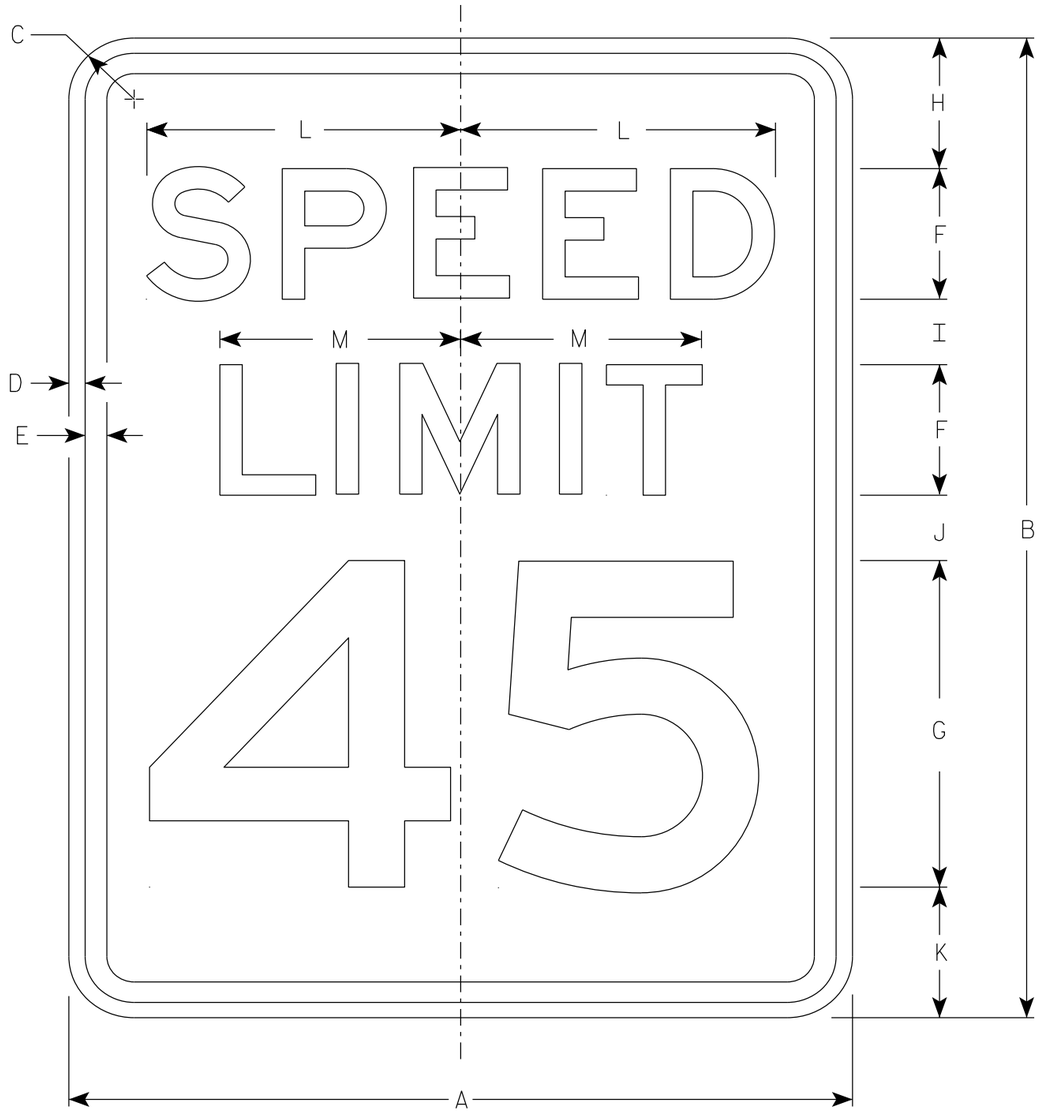
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/9/2025 PLATE NO. R1-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 106 E

7



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

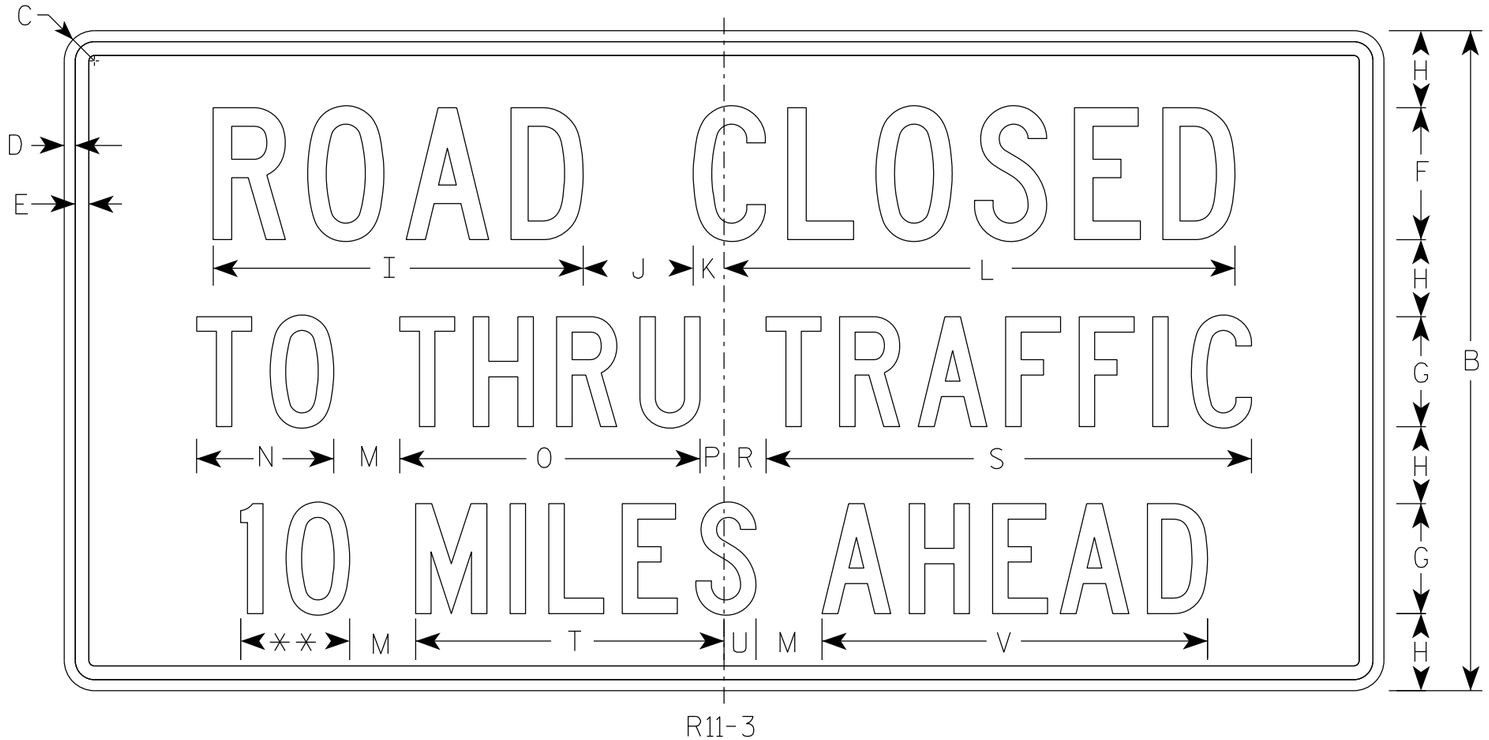
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 107 | E

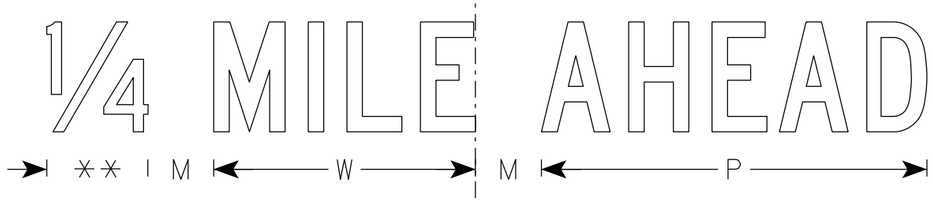
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

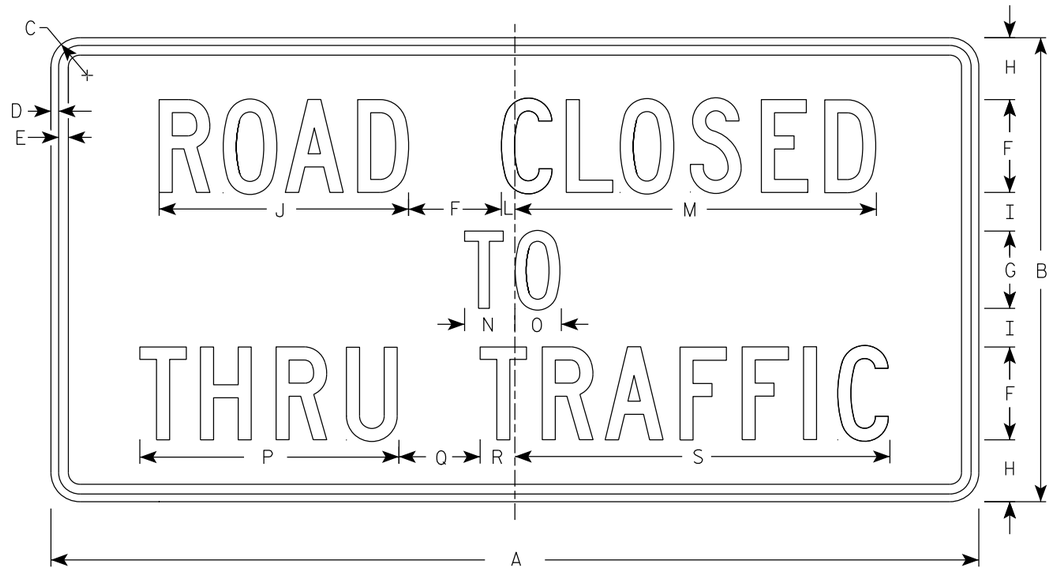
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 108 E



R11-4

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

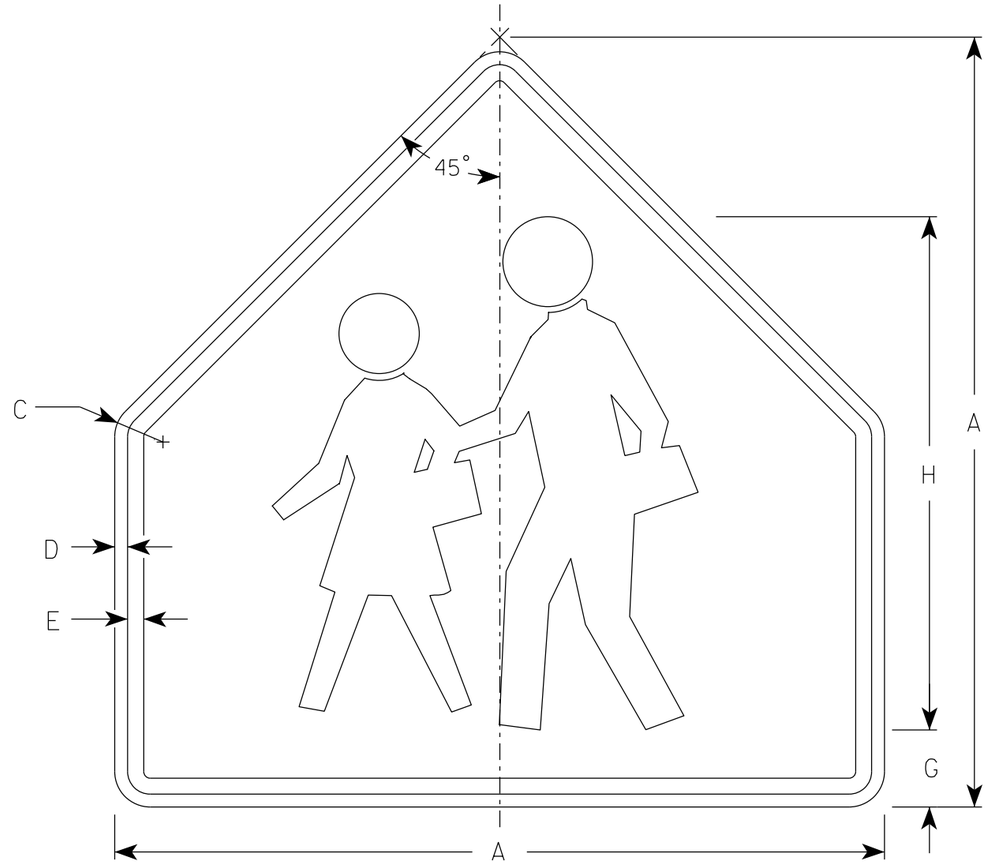
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-4.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 109 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black



S1-1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		3	20																			4.69
2S	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
2M	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		1 7/8	3/4	1		4 3/4	32																			12
5																											

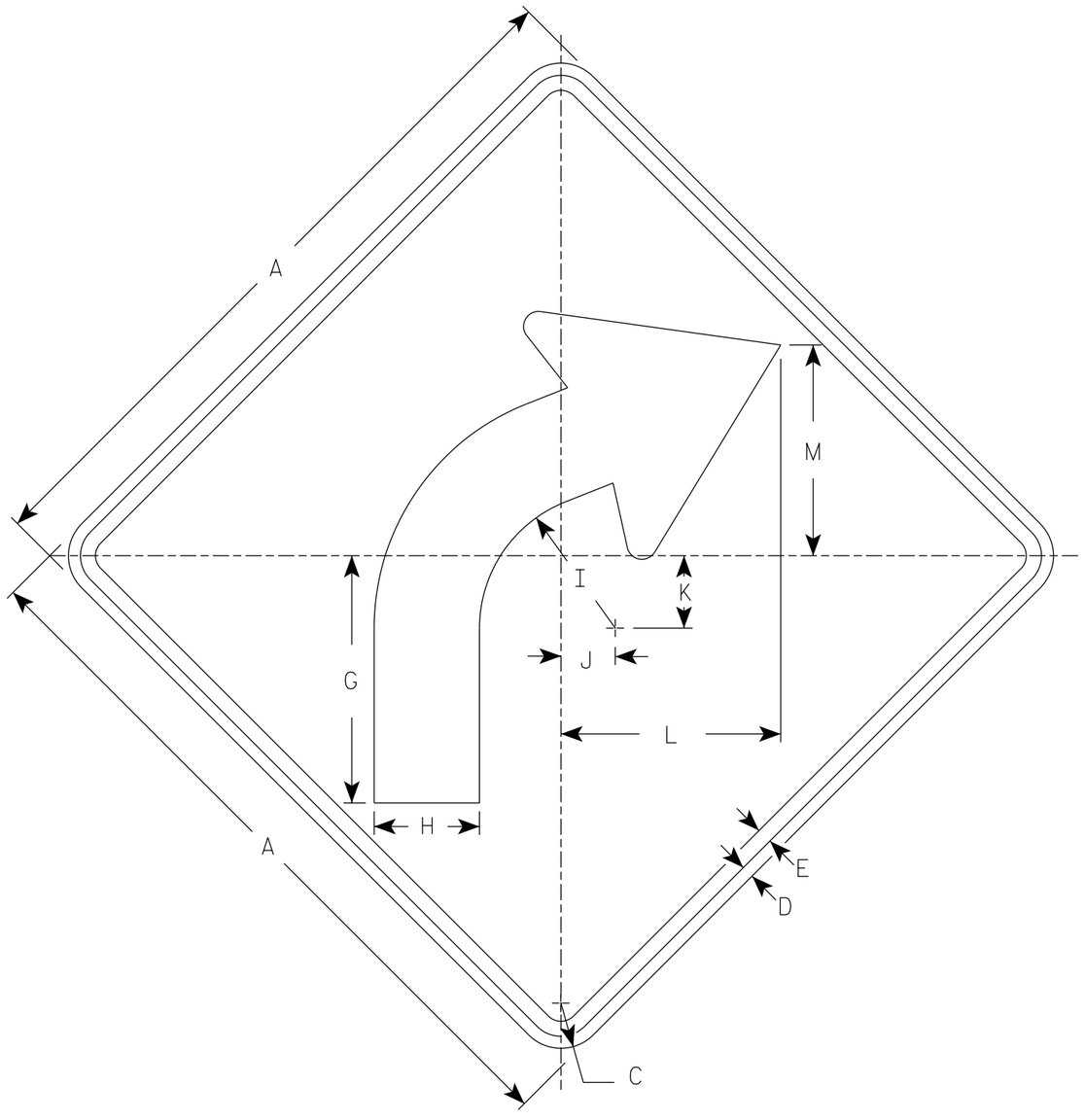
STANDARD SIGN
S1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/16/2023 PLATE NO. S1-1.9

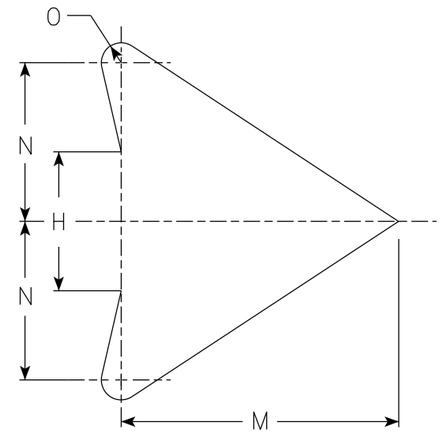
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W1-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 7/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
3	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
4	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
5	48		3	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

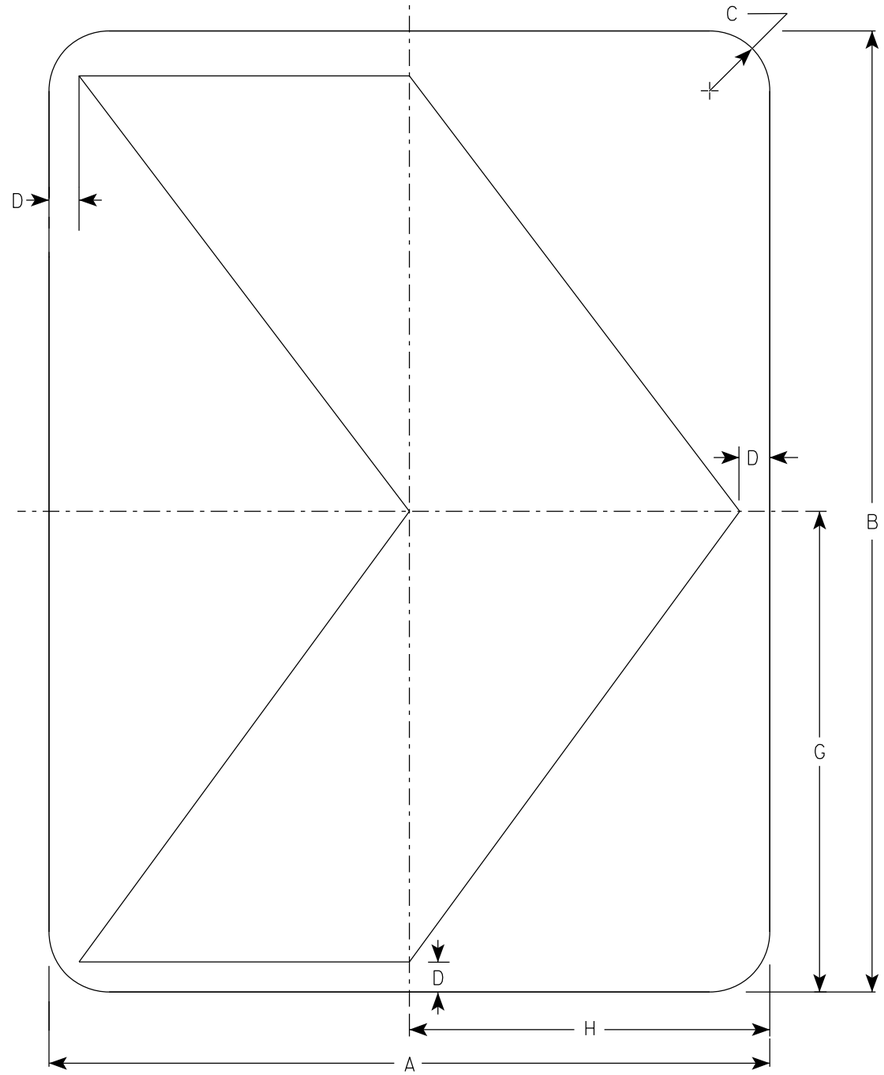
STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/2023 PLATE NO. W1-2.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 111	E



W1-8

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 ½	½			9	6																			1.5
2S	18	24	1 ½	¾			12	9																			3.0
2M	18	24	1 ½	¾			12	9																			3.0
3	24	30	1 ½	1			15	12																			5.0
4	30	36	1 ⅞	1 ¼			18	15																			7.5
5	36	48	1 ⅞	1 ½			24	18																			12.0

STANDARD SIGN
W1-8

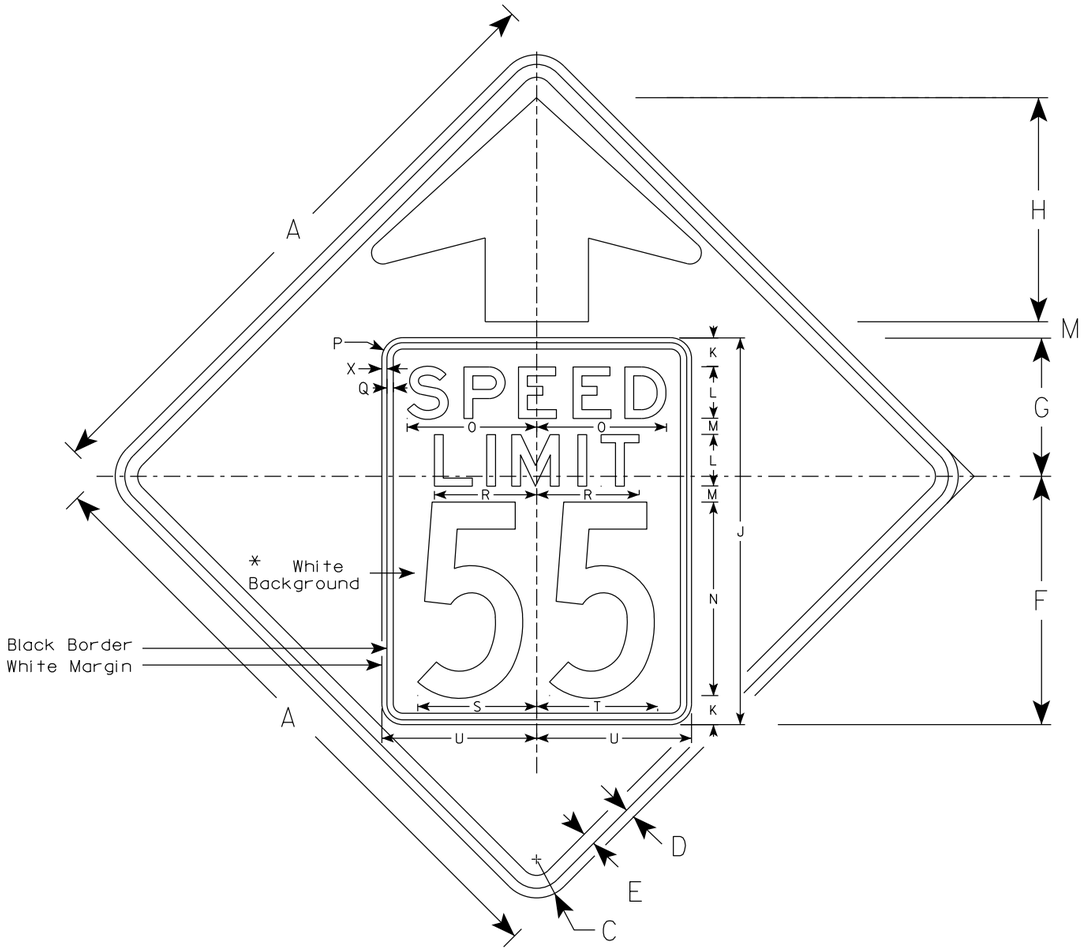
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/11/2023 PLATE NO. W1-8.7

PROJECT NO:

SHEET NO: 112 E

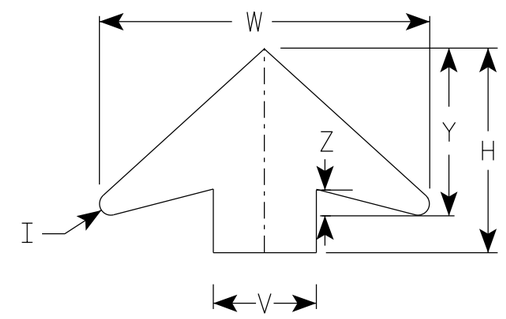


W3-5

NOTES

1. Sign is Type II - See Note 2 for Sheeting Type
2. Color: *
   Background - Yellow* (Type F Reflective)
   Message - Black
3. Message Series - C for numbers Series E for wording
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White Background with black message (Type SH Reflective)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
2M	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
3	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
4	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
5	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0

STANDARD SIGN
W3-5

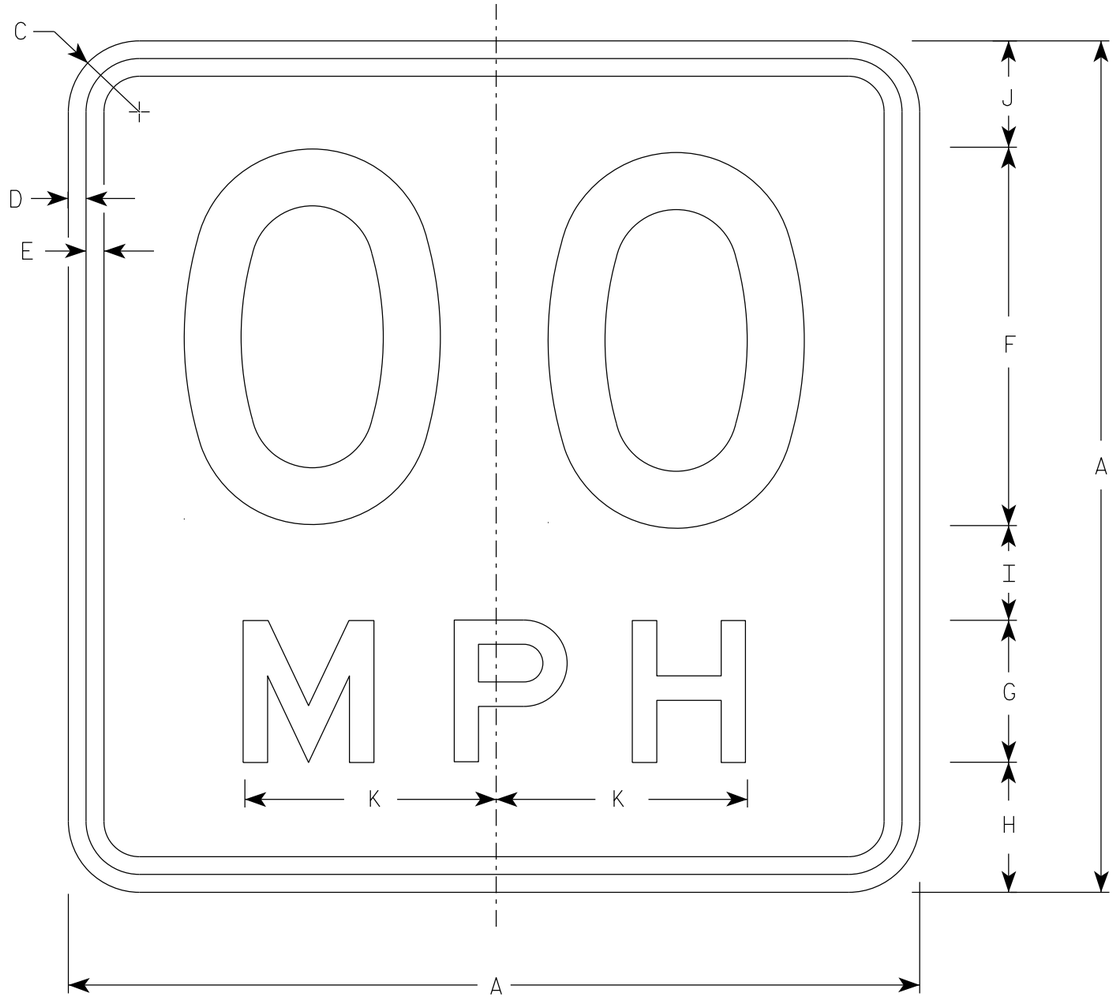
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/30/2023 PLATE NO. W3-5.7

PROJECT NO:

SHEET NO: 113 E



W13-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See Note 5
4. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
5. Line 1 is Series D
   Line 2 is Series E

* For 30" x 30" Warning Signs, use 18" x 18" W13-1 signs.
For 36" x 36" Warning Signs, use 24" x 24" W13-1 signs.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
* 2S	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
* 2M	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
3	24		1 1/2	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
4	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
5	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

STANDARD SIGN
W13-1

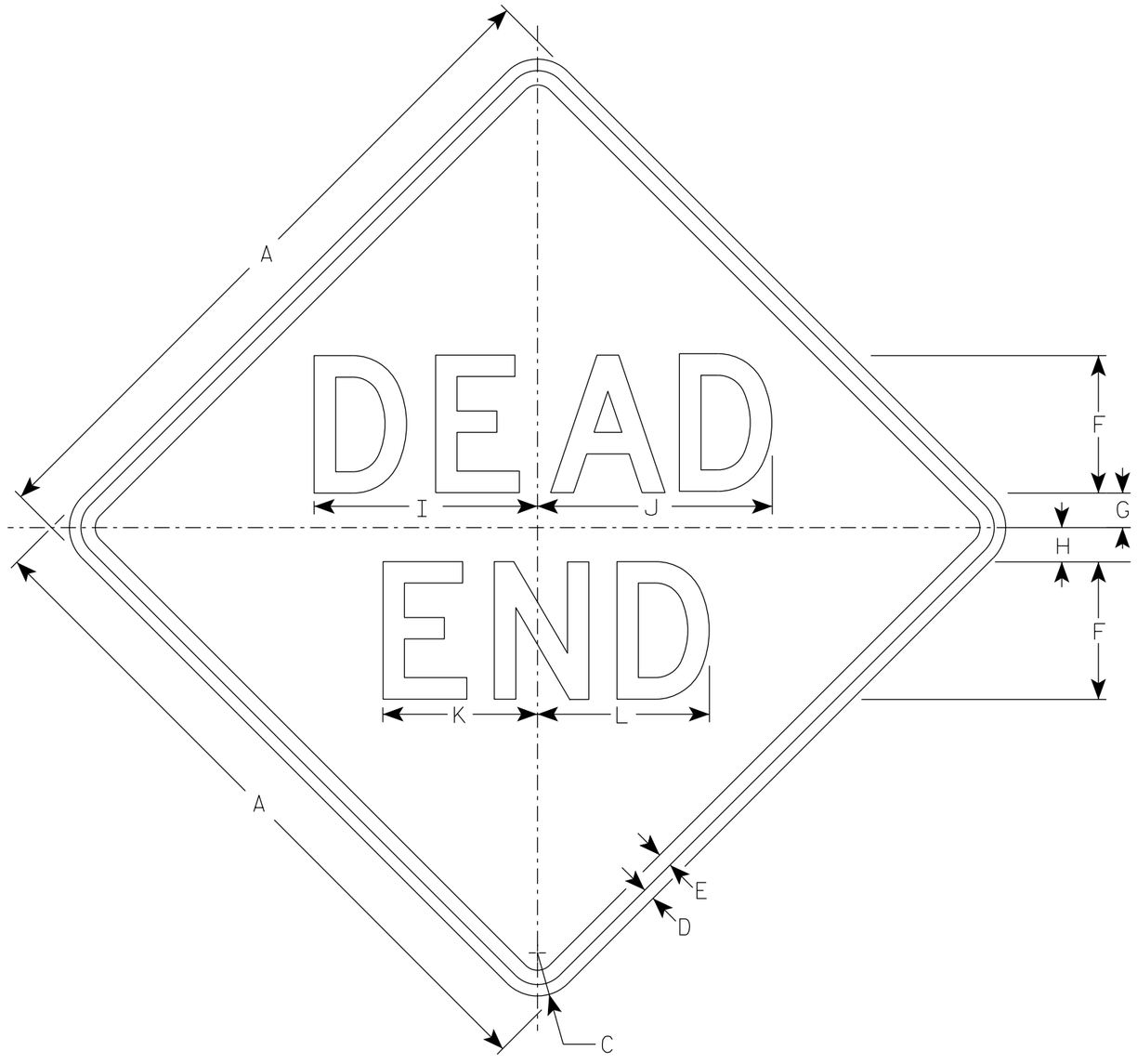
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/8/2024 PLATE NO. W13-1.17

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W131.dgn PLOT DATE : 8-Jan 2024 11:07 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W14-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Areq sq. ft.
1	24		1 1/2	3/8	1/2	5	1	2	8 1/4	8 5/8	5 5/8	6 1/4															4.0
2S	30		1 7/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
2M	30		1 7/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
3	36		2 1/4	5/8	3/4	7	2	3	11 3/8	12	7 7/8	8 3/4															9.0
4																											
5																											

STANDARD SIGN
W14-1

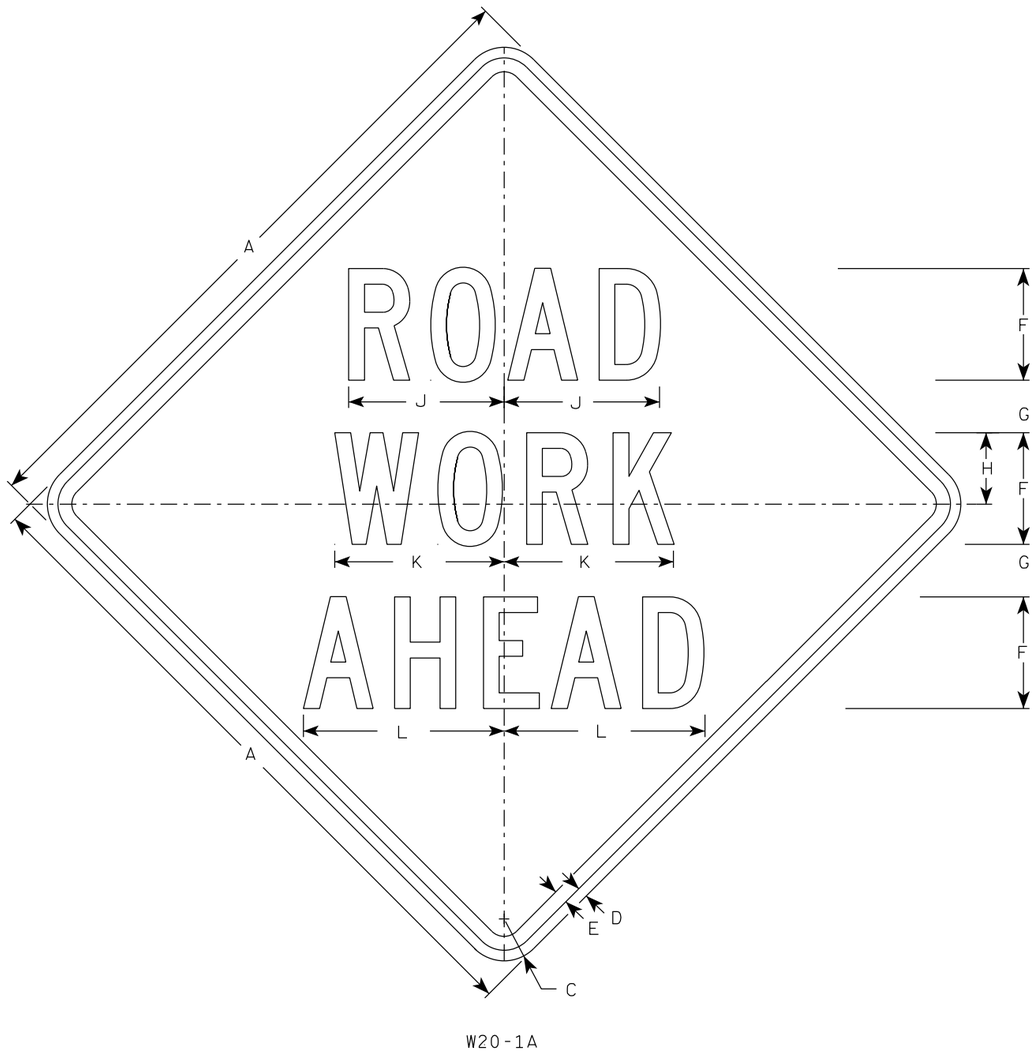
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

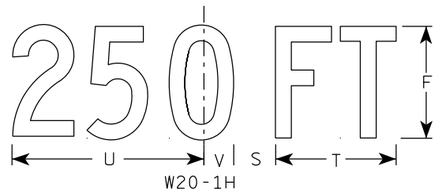
DATE 1/8/2024 PLATE NO. W14-1.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

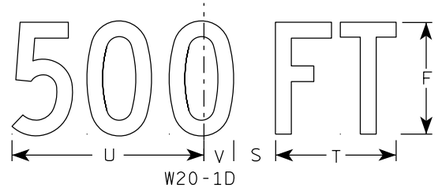
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W141.dgn PLOT DATE : 8-Jan 2024 2:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W20-1A



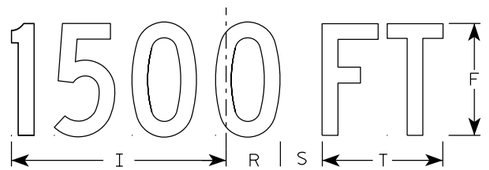
W20-1H



W20-1D



W20-1C



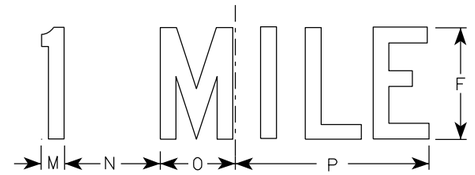
W20-1B

NOTES

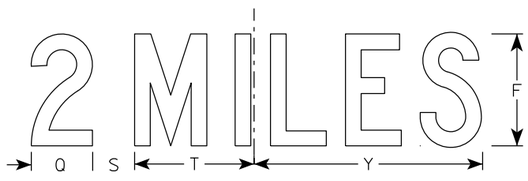
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



W20-1F



W20-1E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

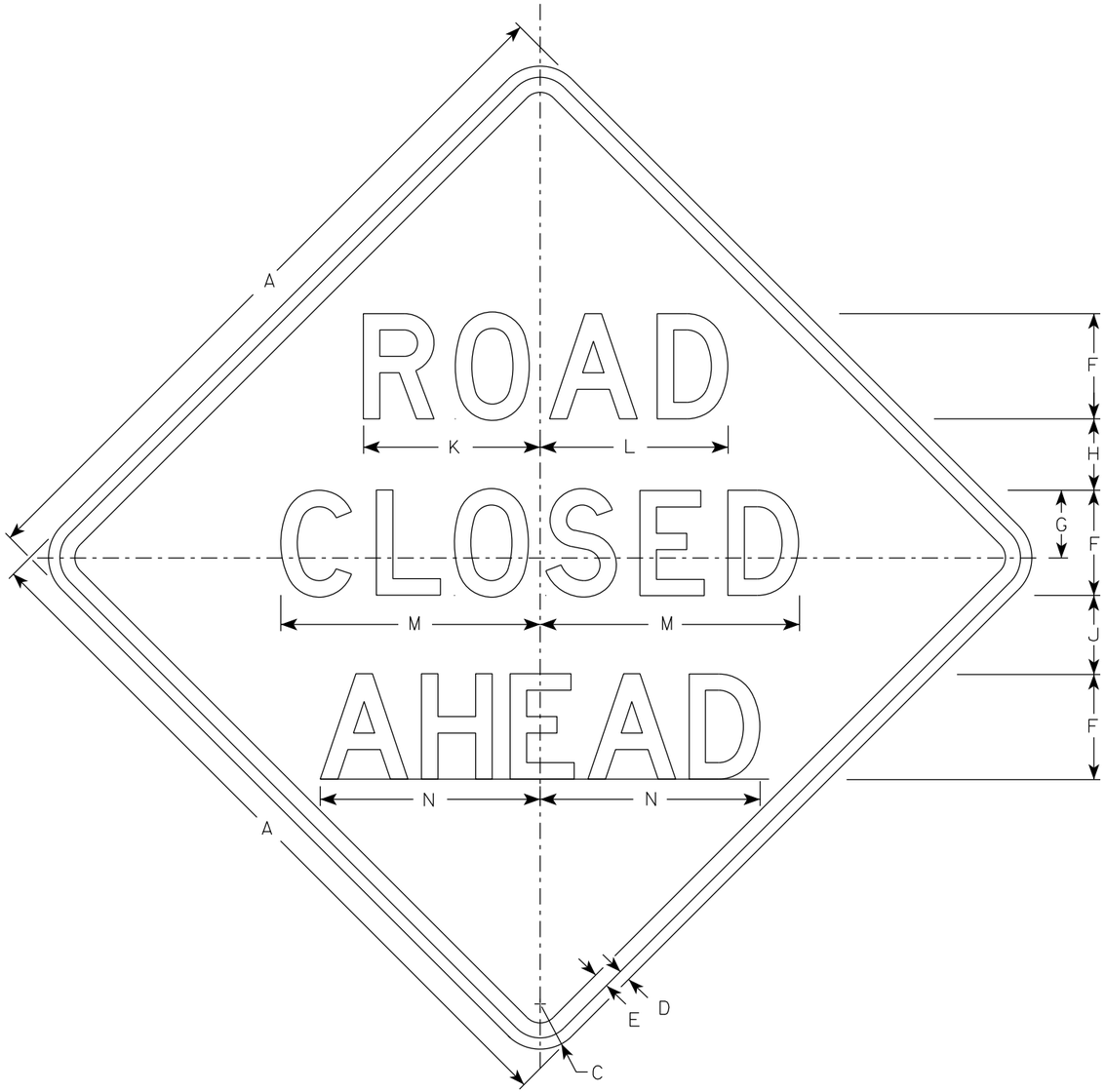
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

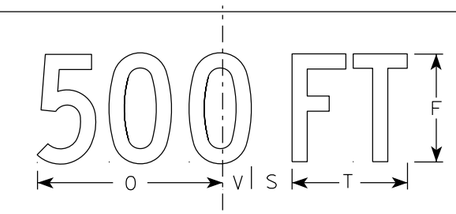
DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

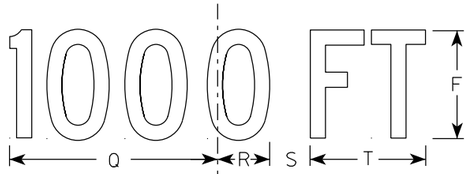
SHEET NO: 116 E



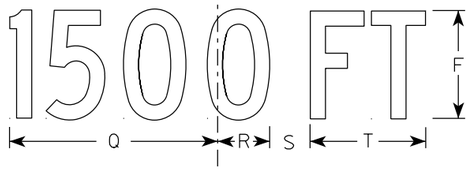
W20-3A



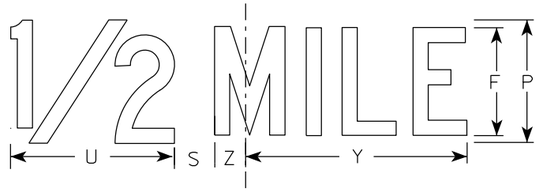
W20-3D



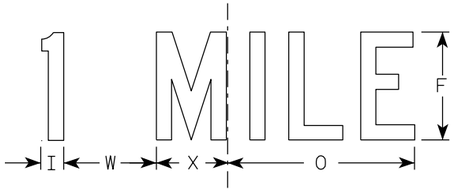
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

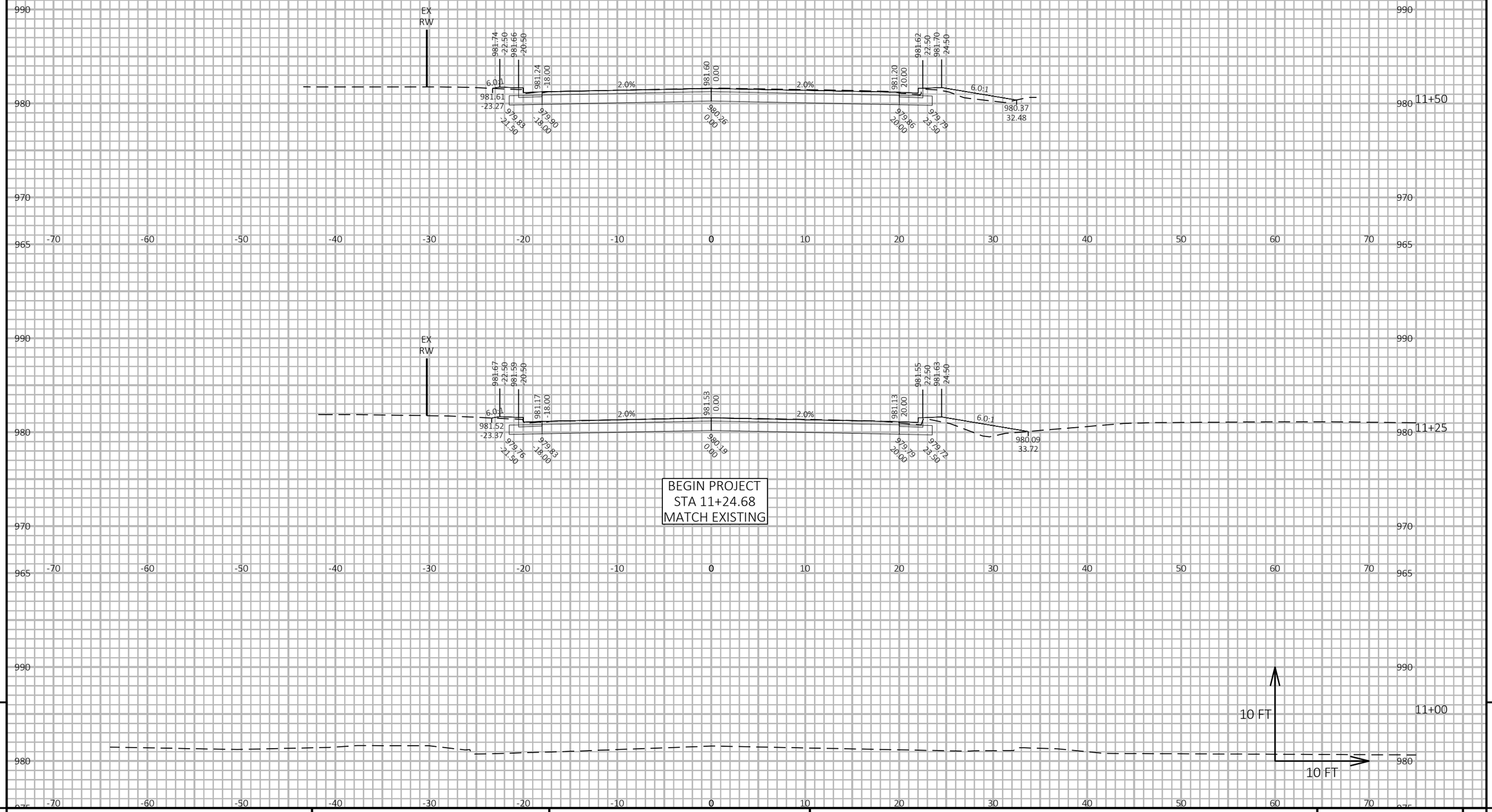
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

7



9

9

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 118	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 1 XS

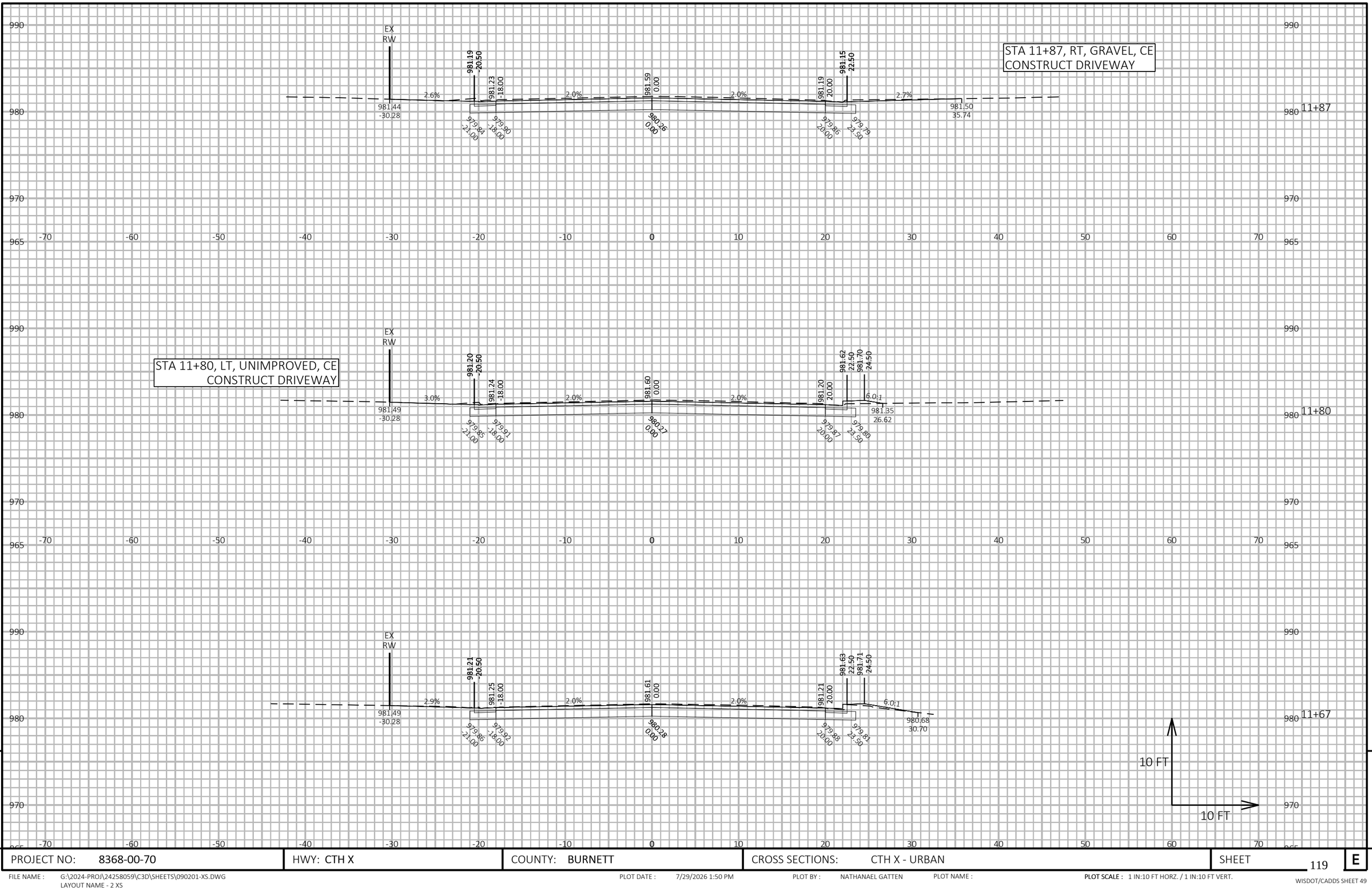
PLOT DATE : 7/29/2026 1:50 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

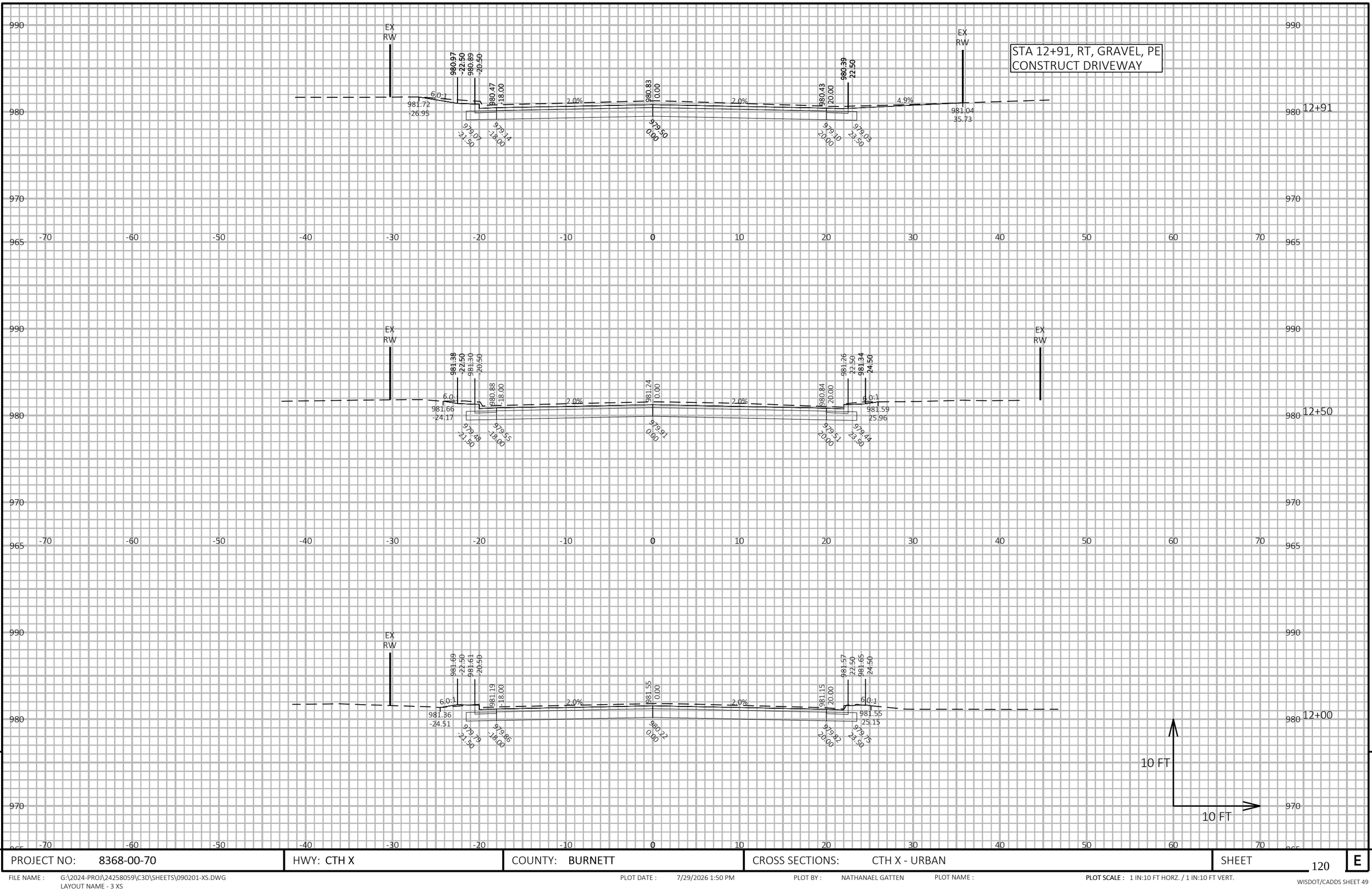


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 119	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 2 XS

PLOT DATE : 7/29/2026 1:50 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

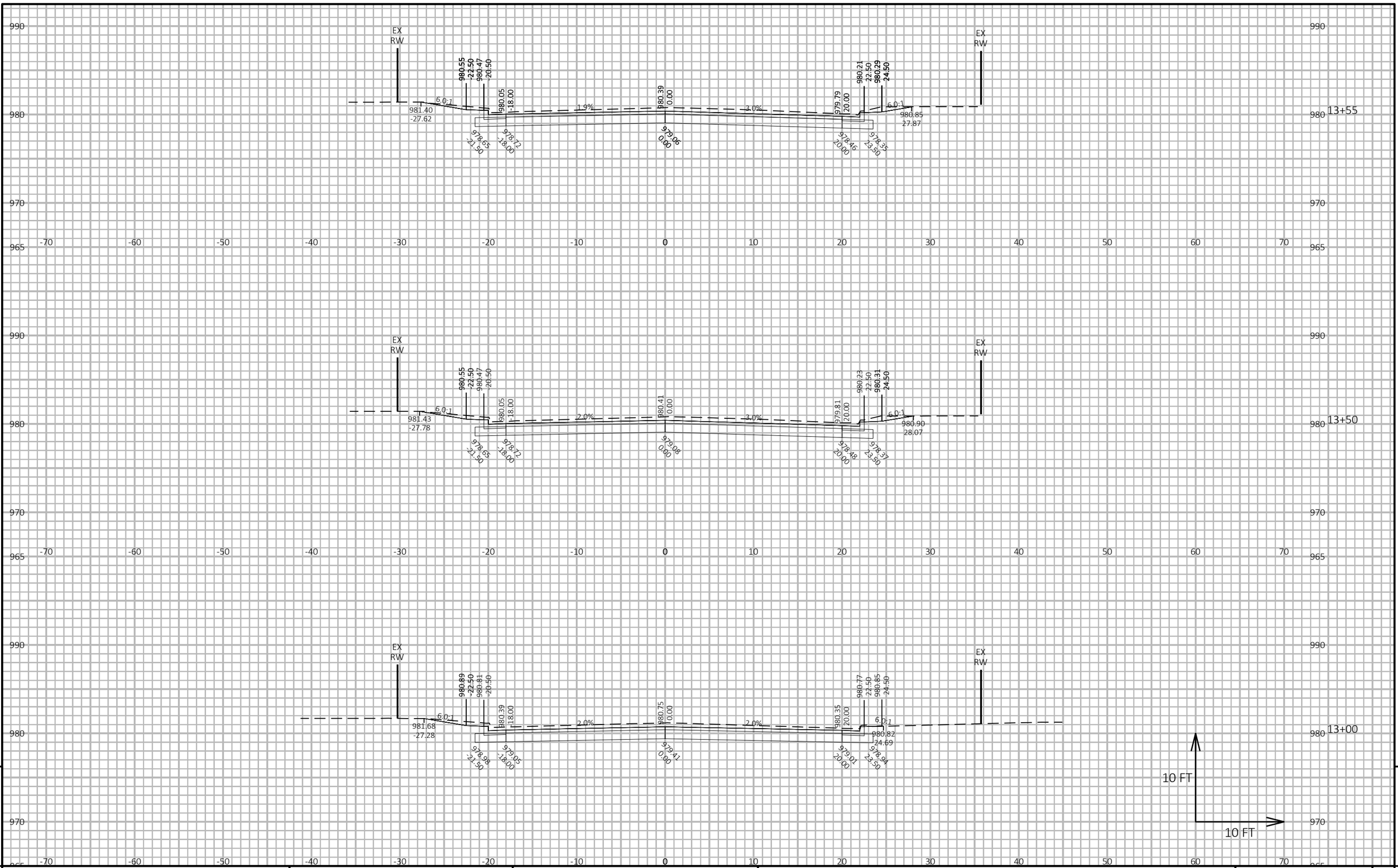


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 120	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 3 XS

PLOT DATE : 7/29/2026 1:50 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 121	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 4 XS

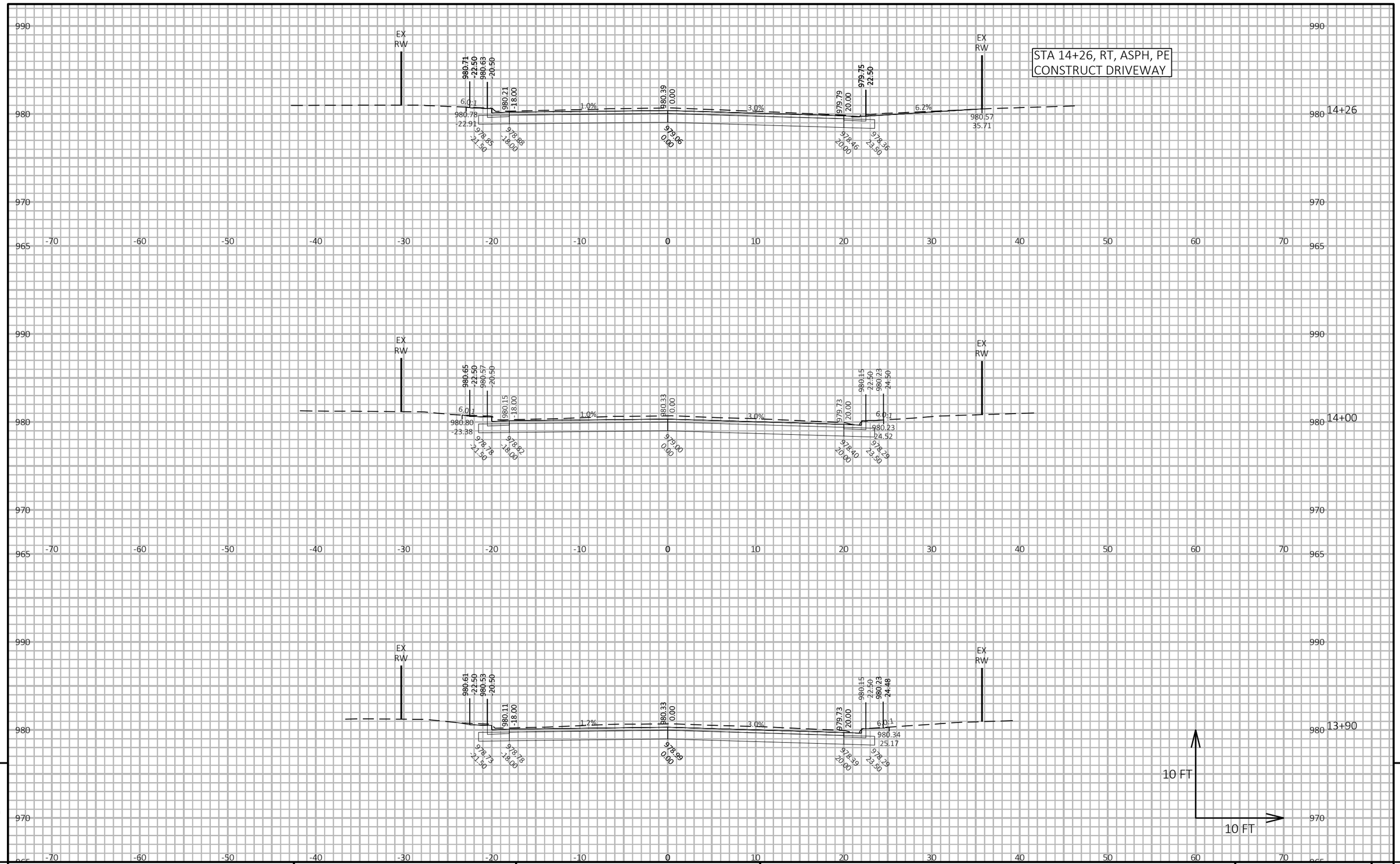
PLOT DATE : 7/29/2026 1:50 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



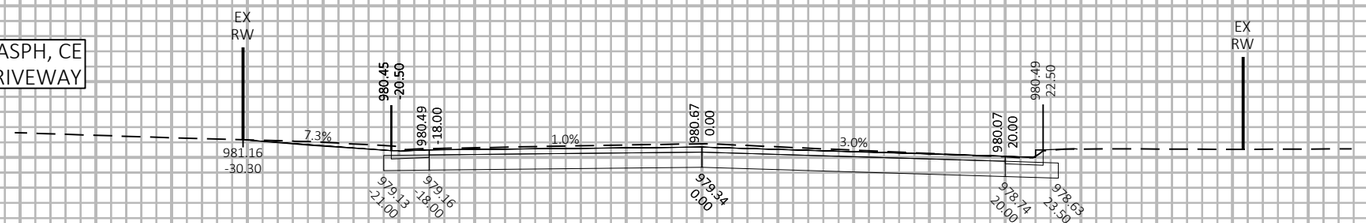
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 122	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 5 XS

PLOT DATE : 7/29/2026 1:50 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

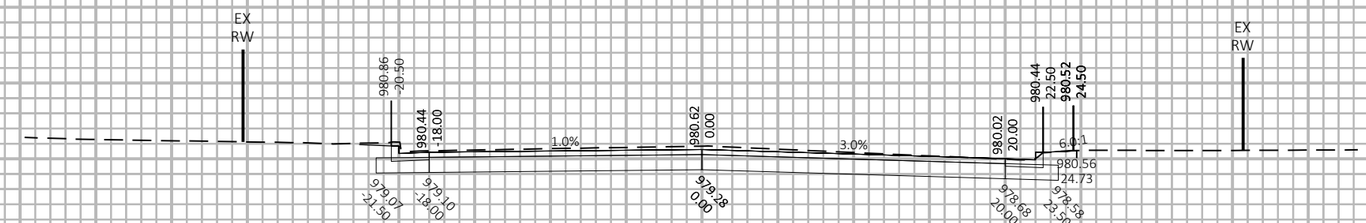
WISDOT/CADDS SHEET 49

STA 15+18, LT, ASPH, CE
CONSTRUCT DRIVEWAY



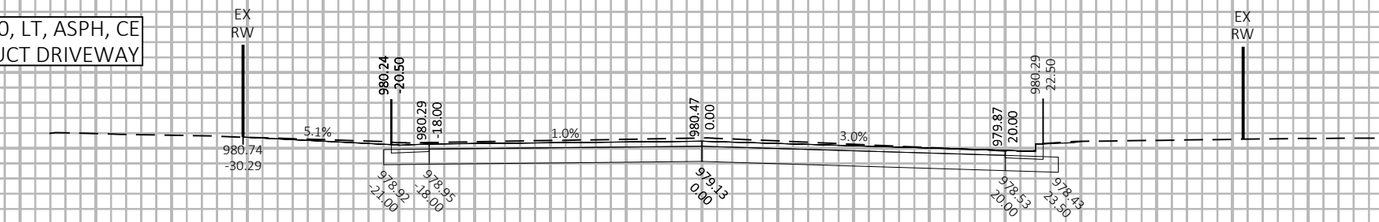
15+18

STA 15+00, LT, ASPH, CE
CONSTRUCT DRIVEWAY

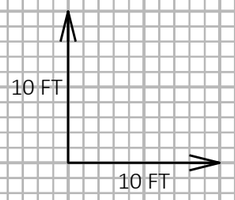


15+00

STA 14+50, LT, ASPH, CE
CONSTRUCT DRIVEWAY



14+50

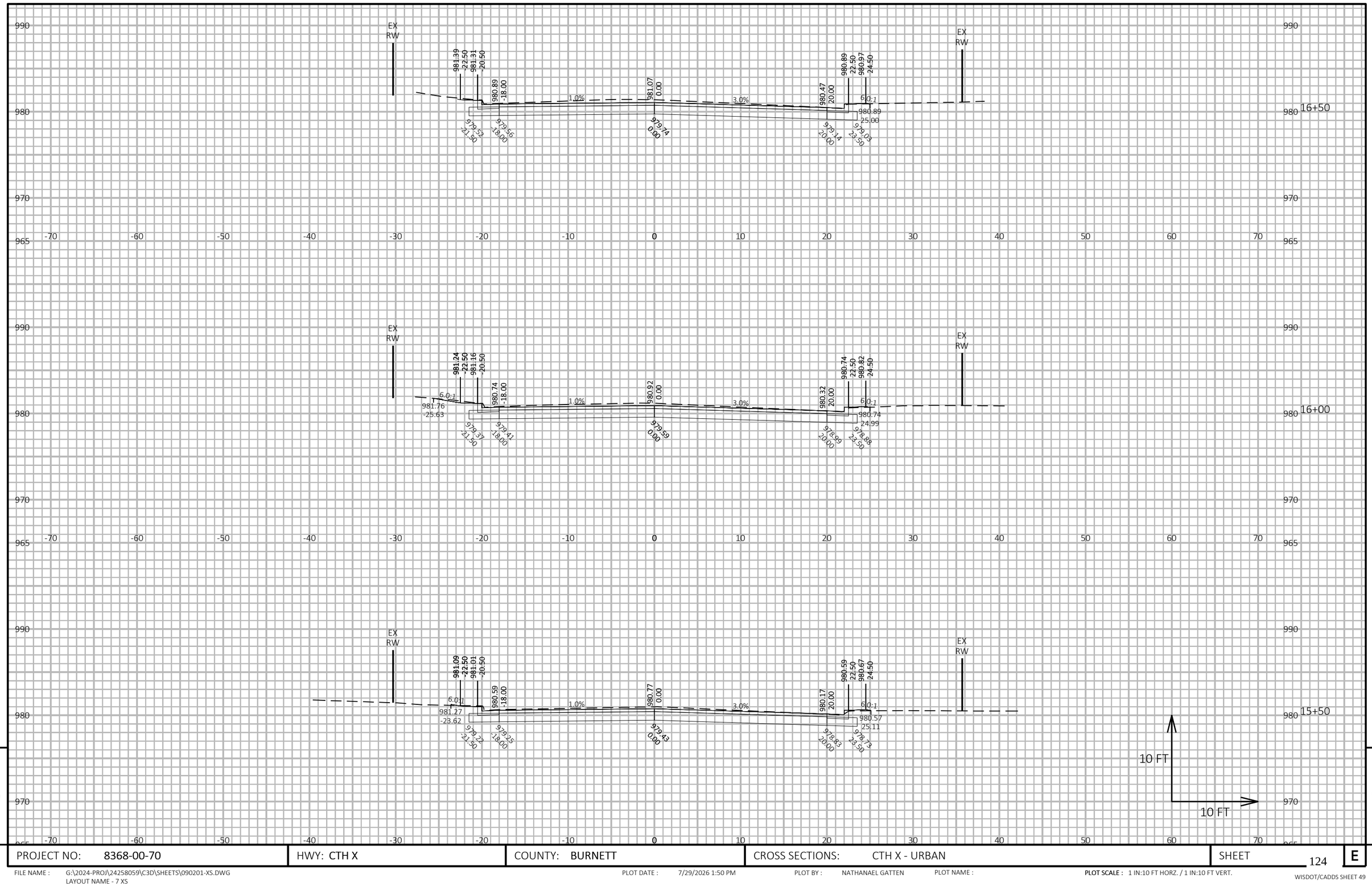


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 123	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 6 XS

PLOT DATE : 7/29/2026 1:50 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

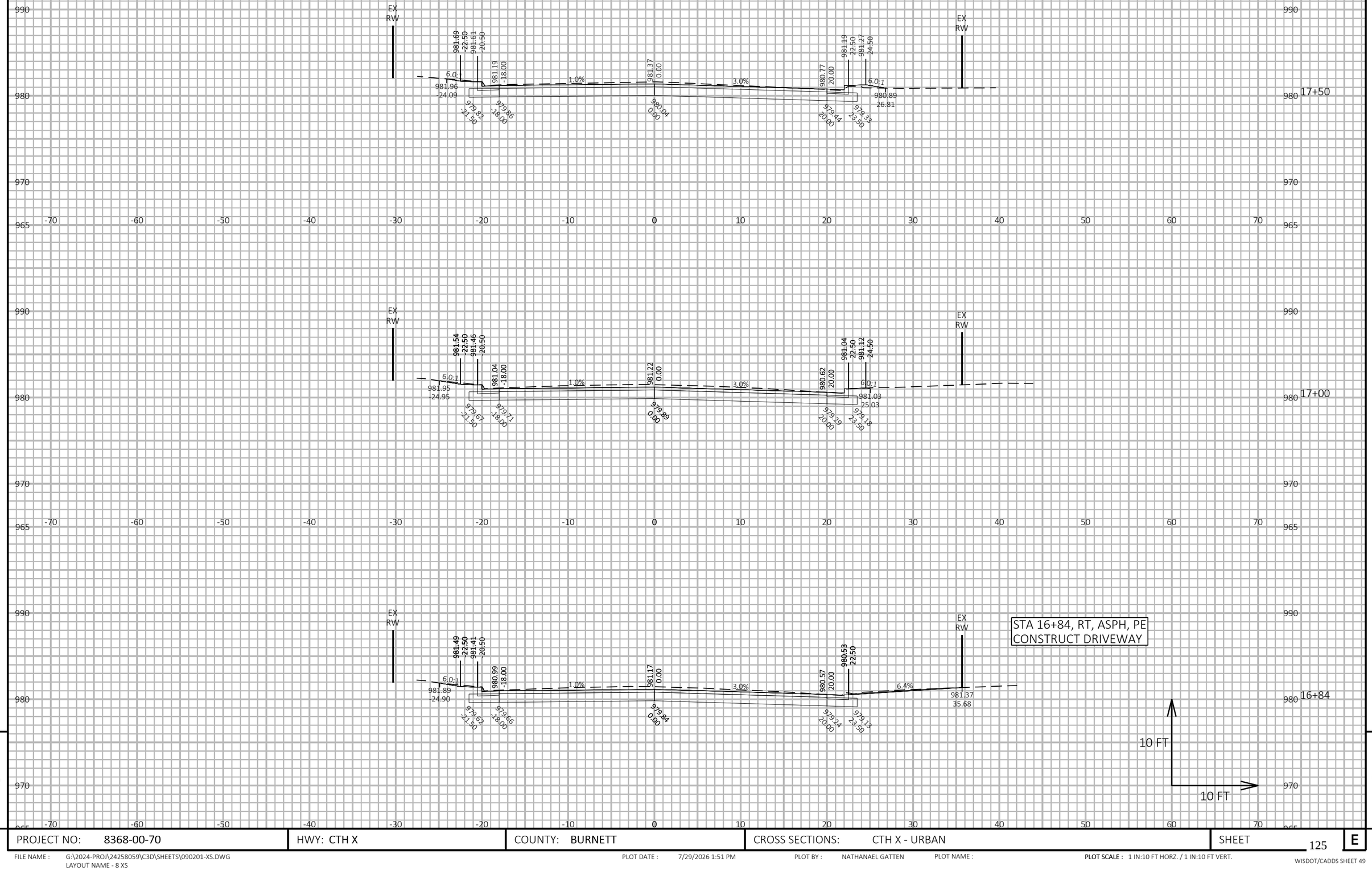
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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 124	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 7 XS

PLOT DATE : 7/29/2026 1:50 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

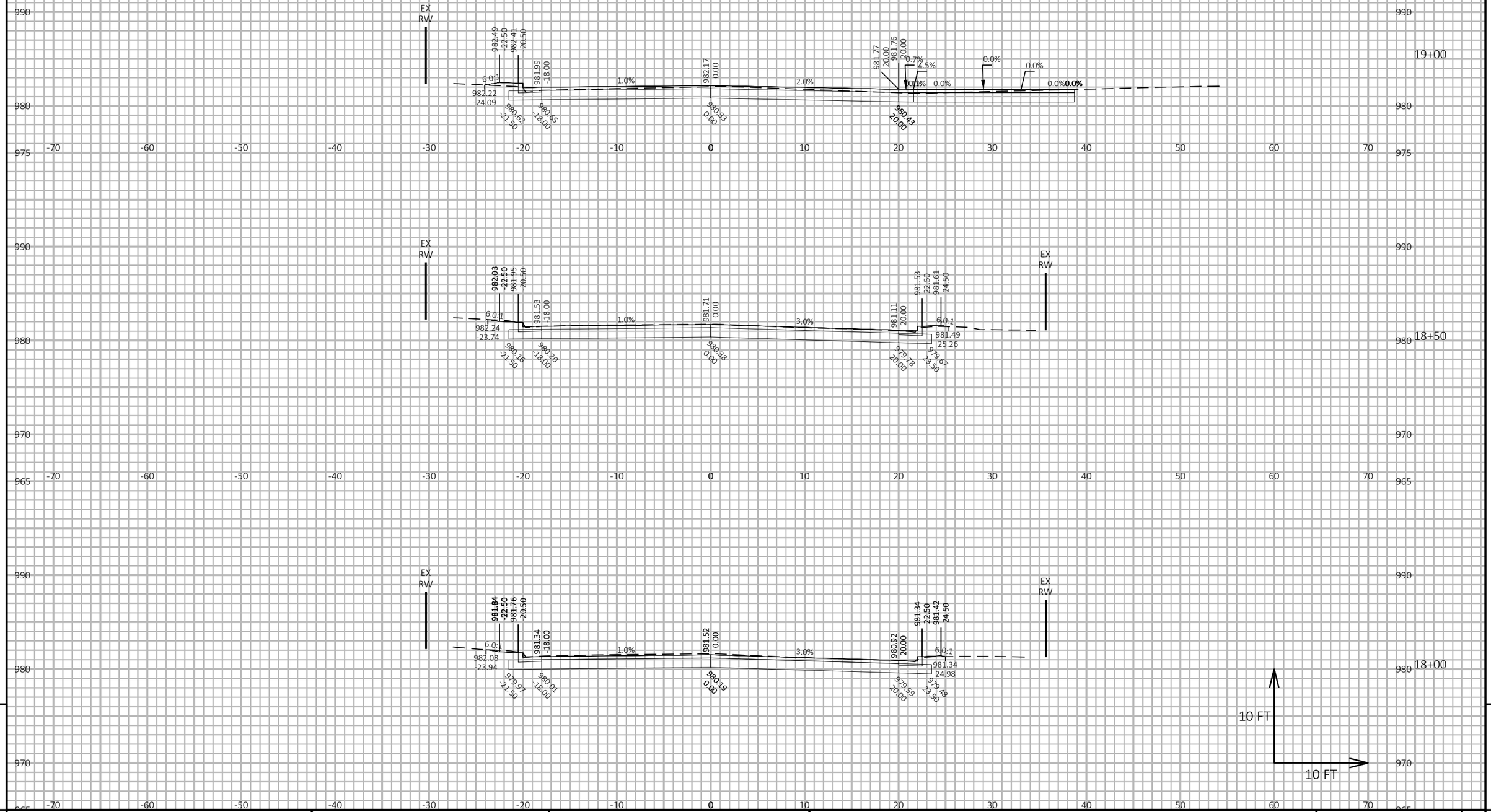


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 125	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 8 XS

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

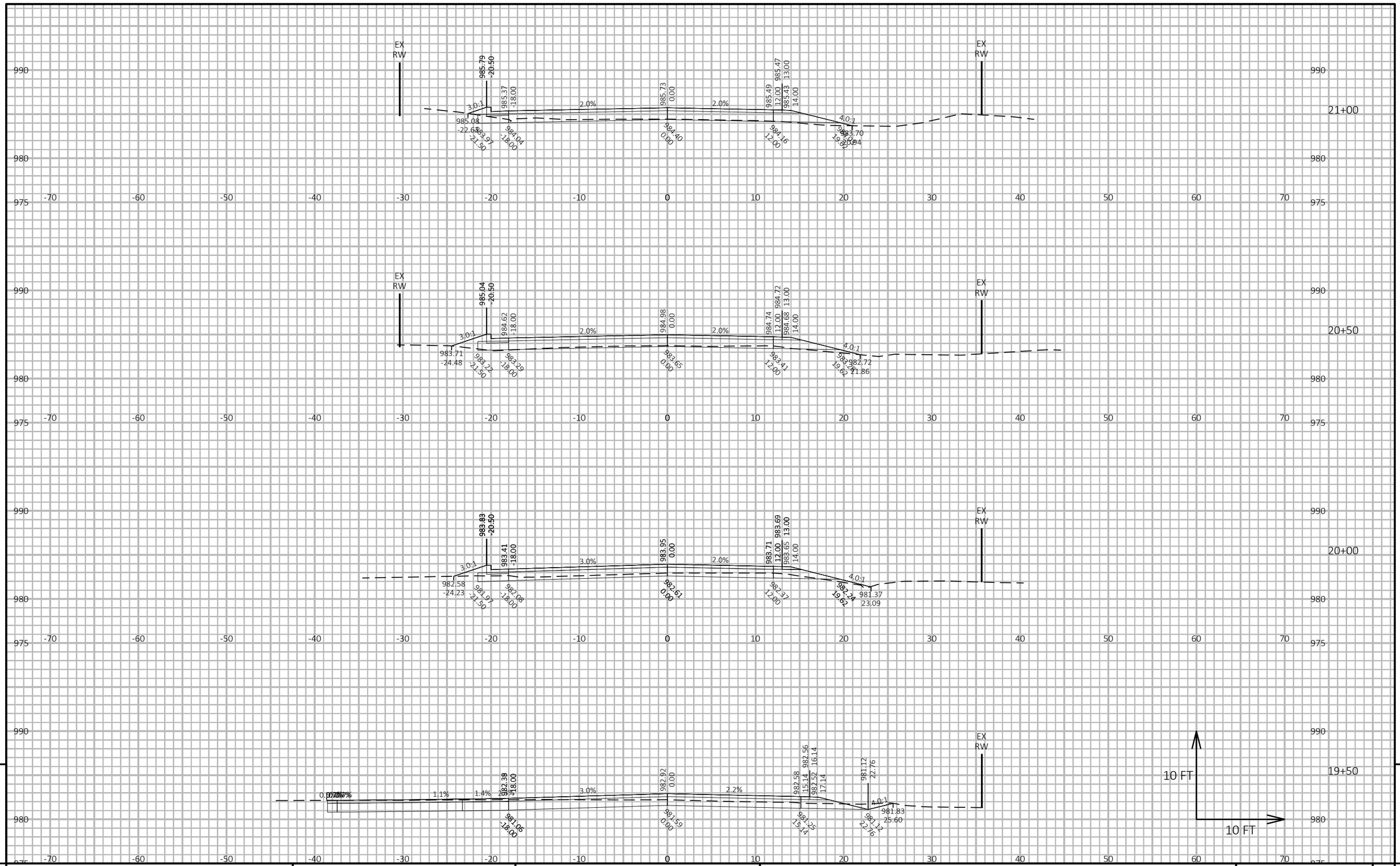


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 126	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 9 XS

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 127 E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 10 XS

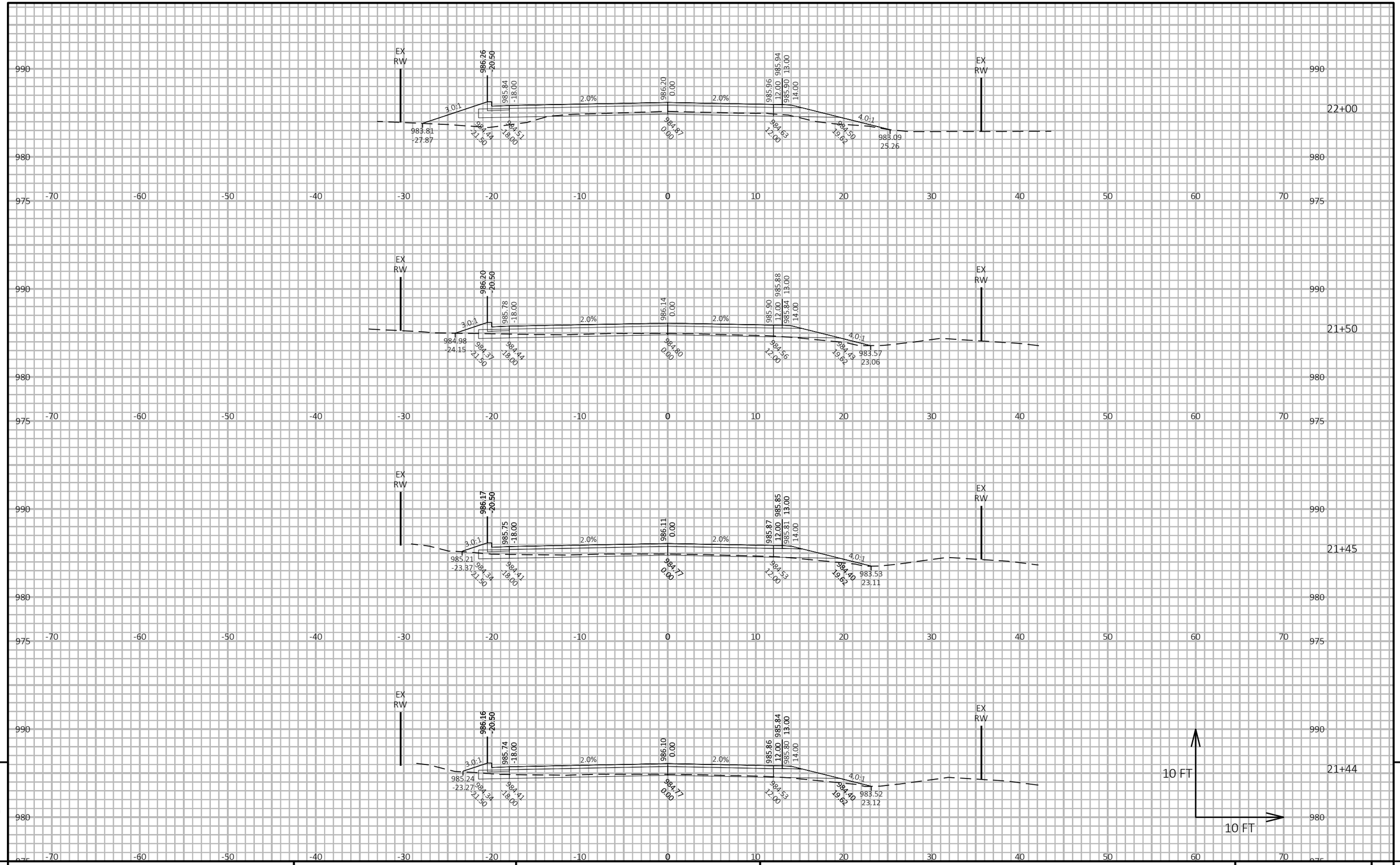
PLOT DATE : 7/29/2026 1:51 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

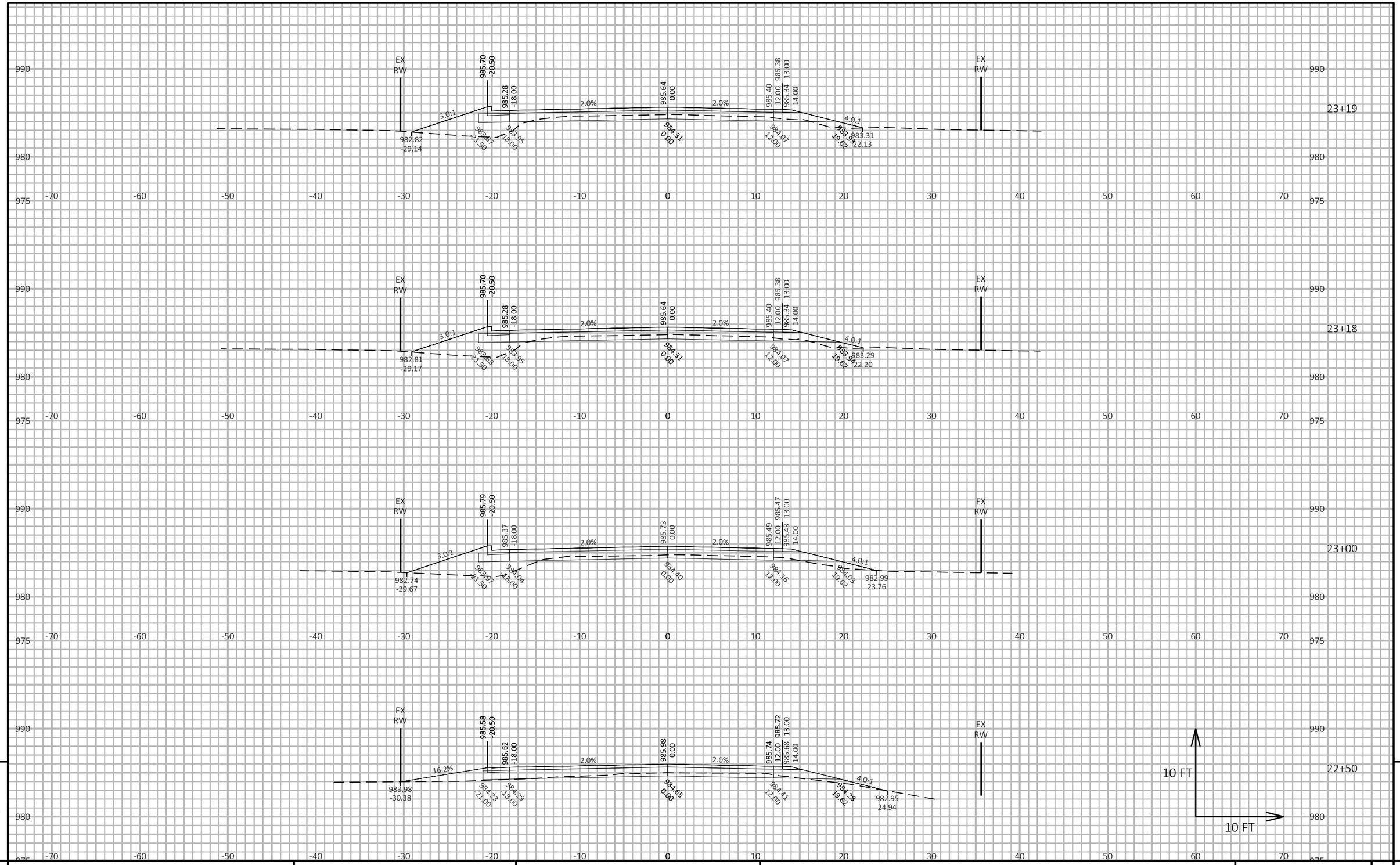


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 128	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 11 XS

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 129	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 12 XS

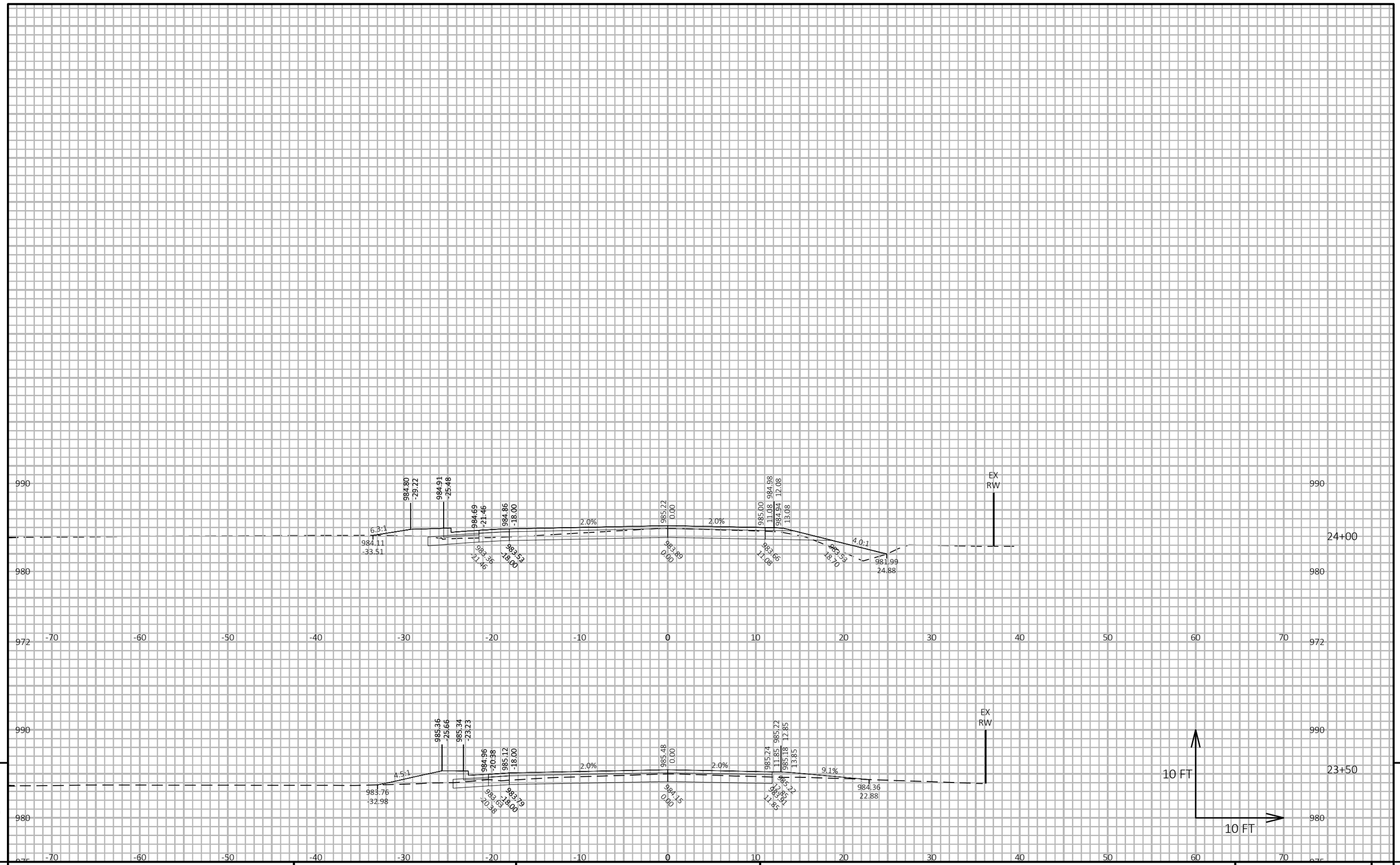
PLOT DATE : 7/29/2026 1:51 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - URBAN	SHEET 130	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 13 XS

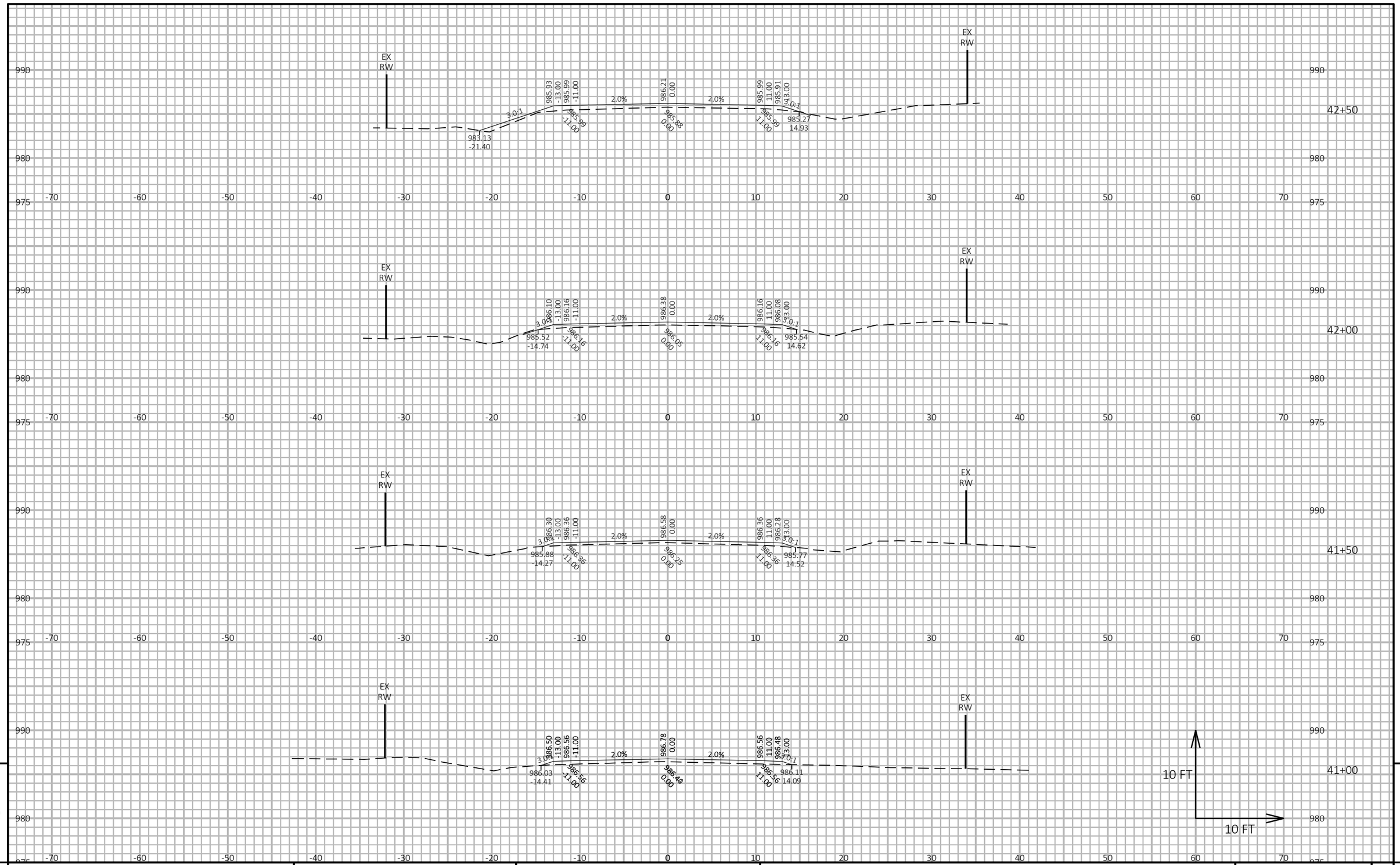
PLOT DATE : 7/29/2026 1:51 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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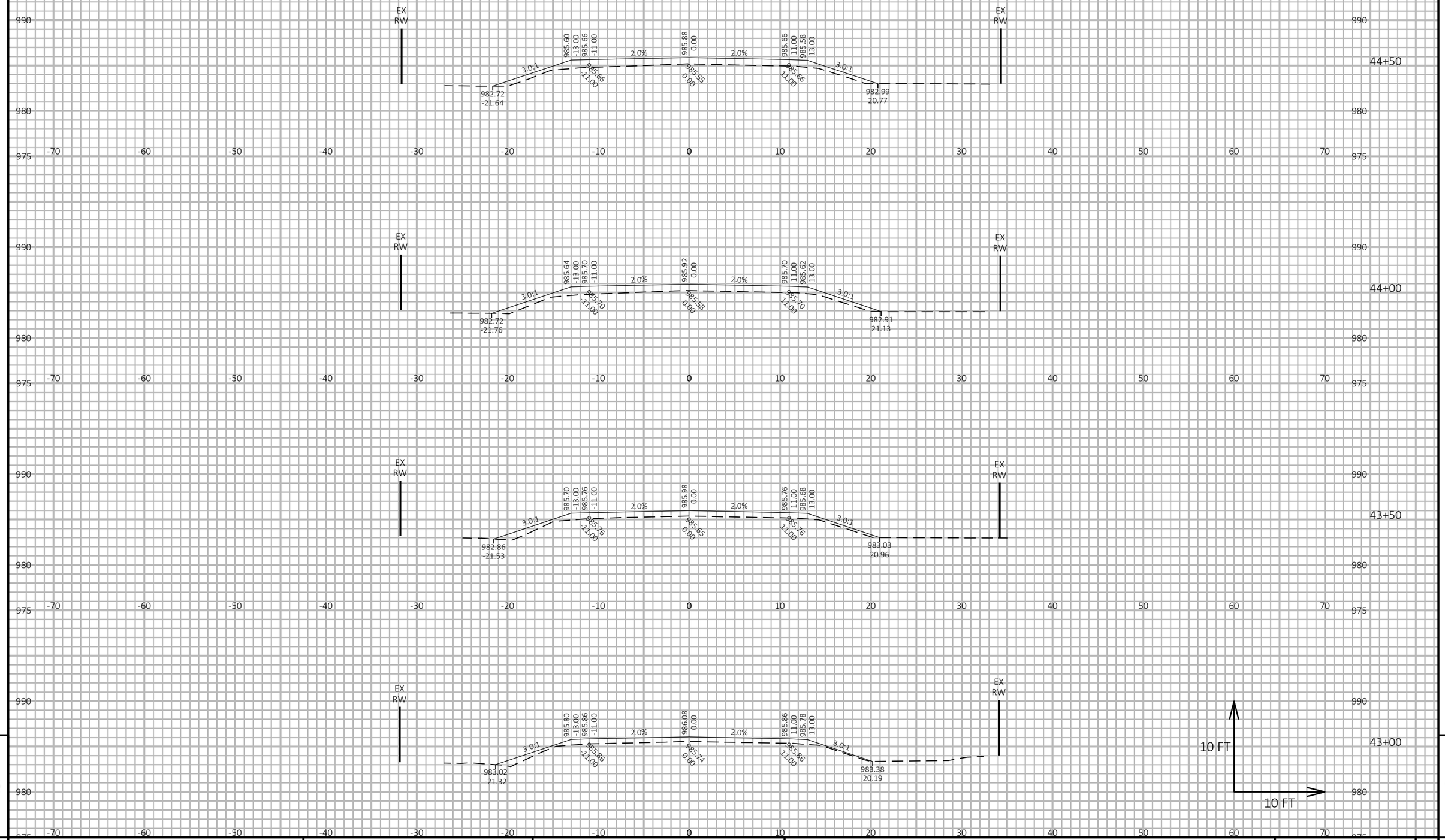
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 131	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 112

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 132	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 113

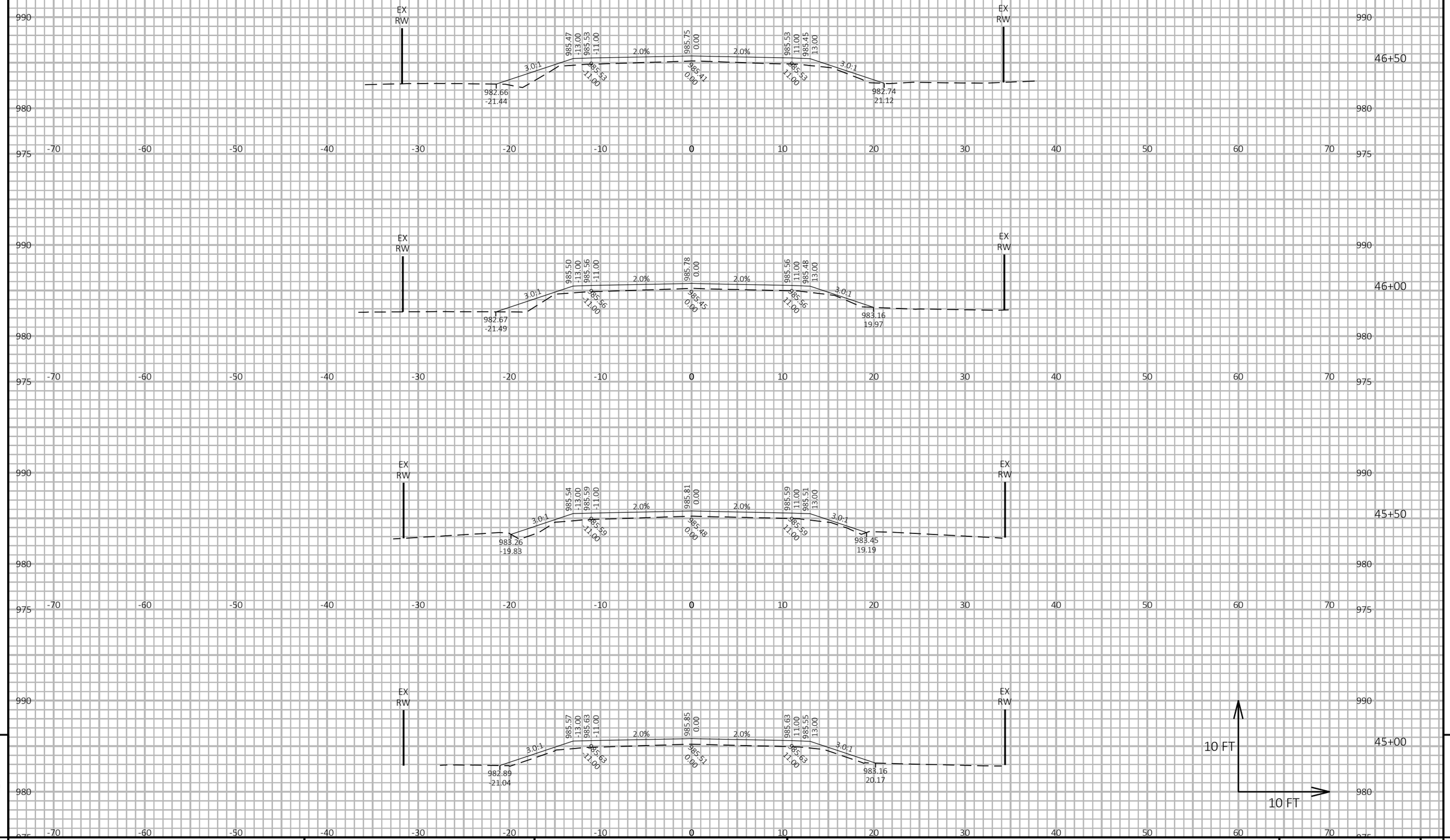
PLOT DATE : 7/29/2026 1:51 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 133	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 114

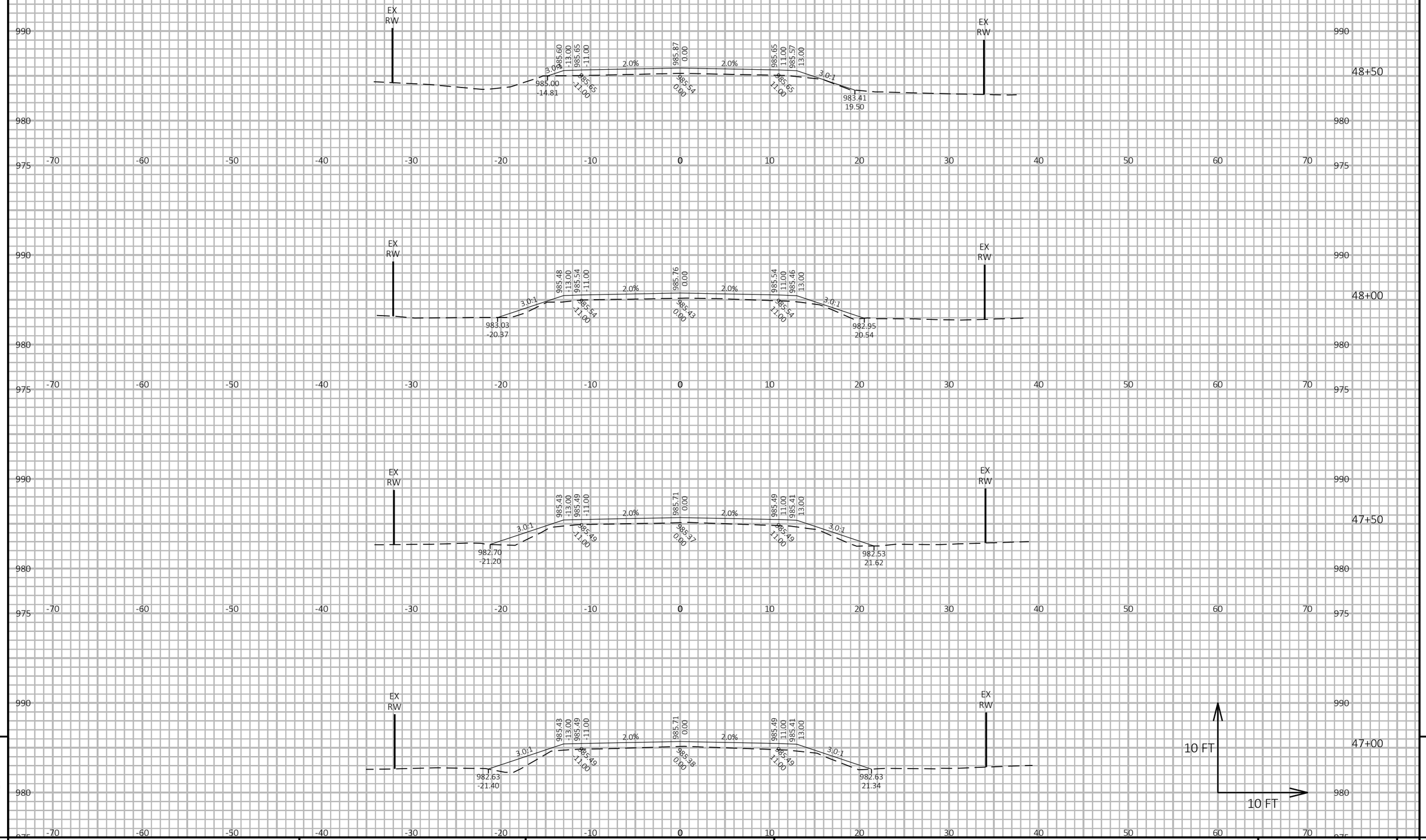
PLOT DATE : 7/29/2026 1:51 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 134	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 115

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 135	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 116

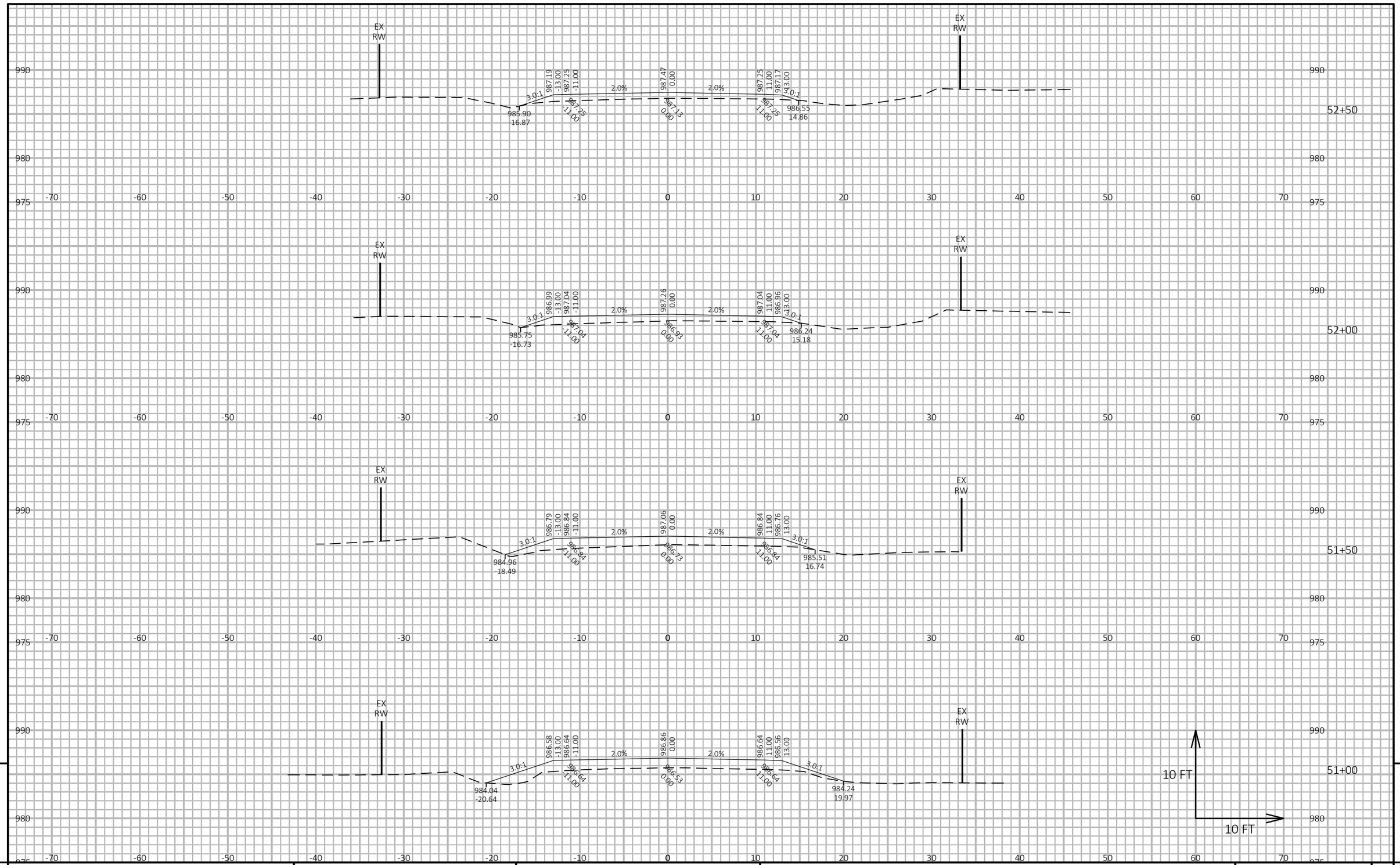
PLOT DATE : 7/29/2026 1:51 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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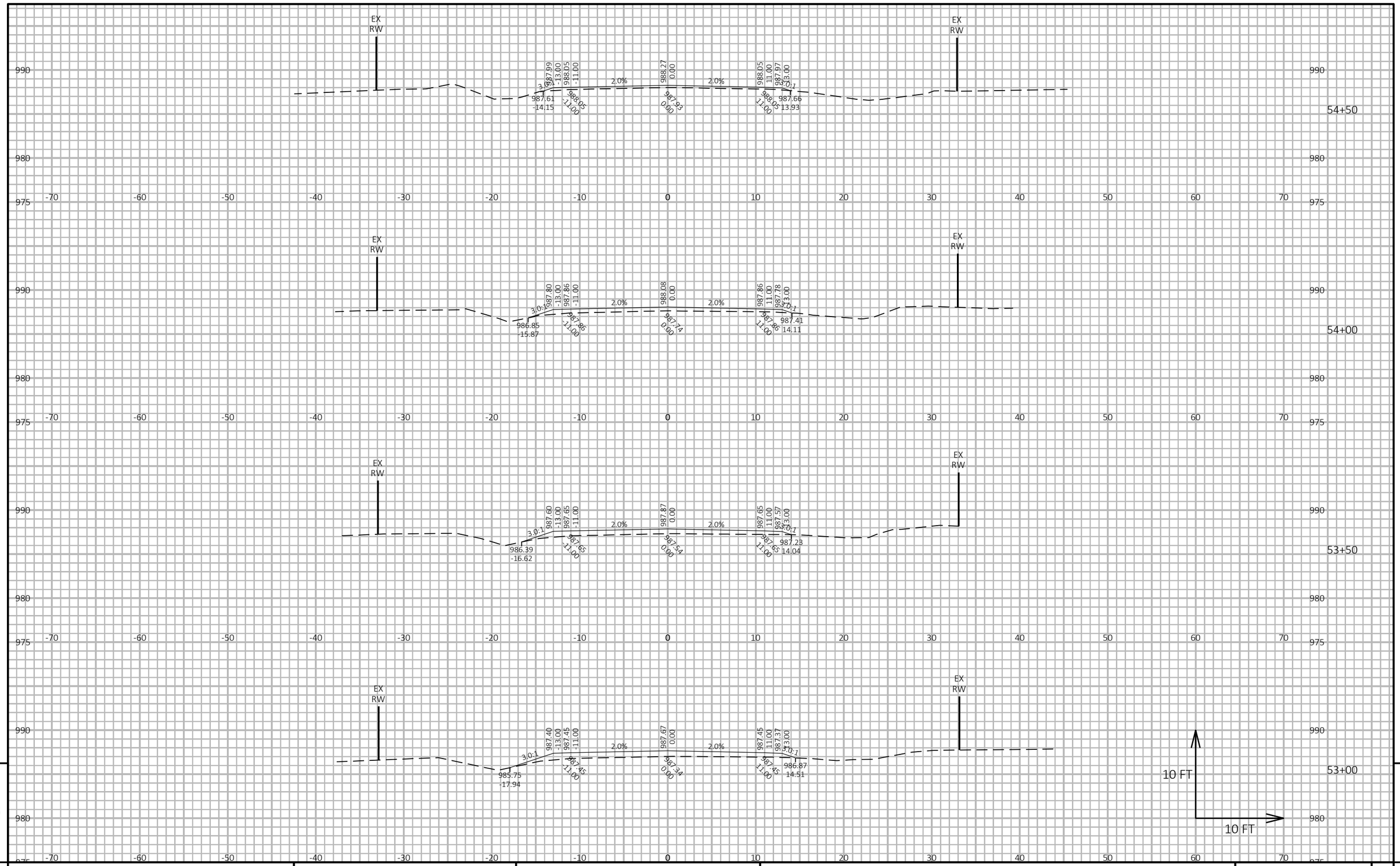
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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 136	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 117

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

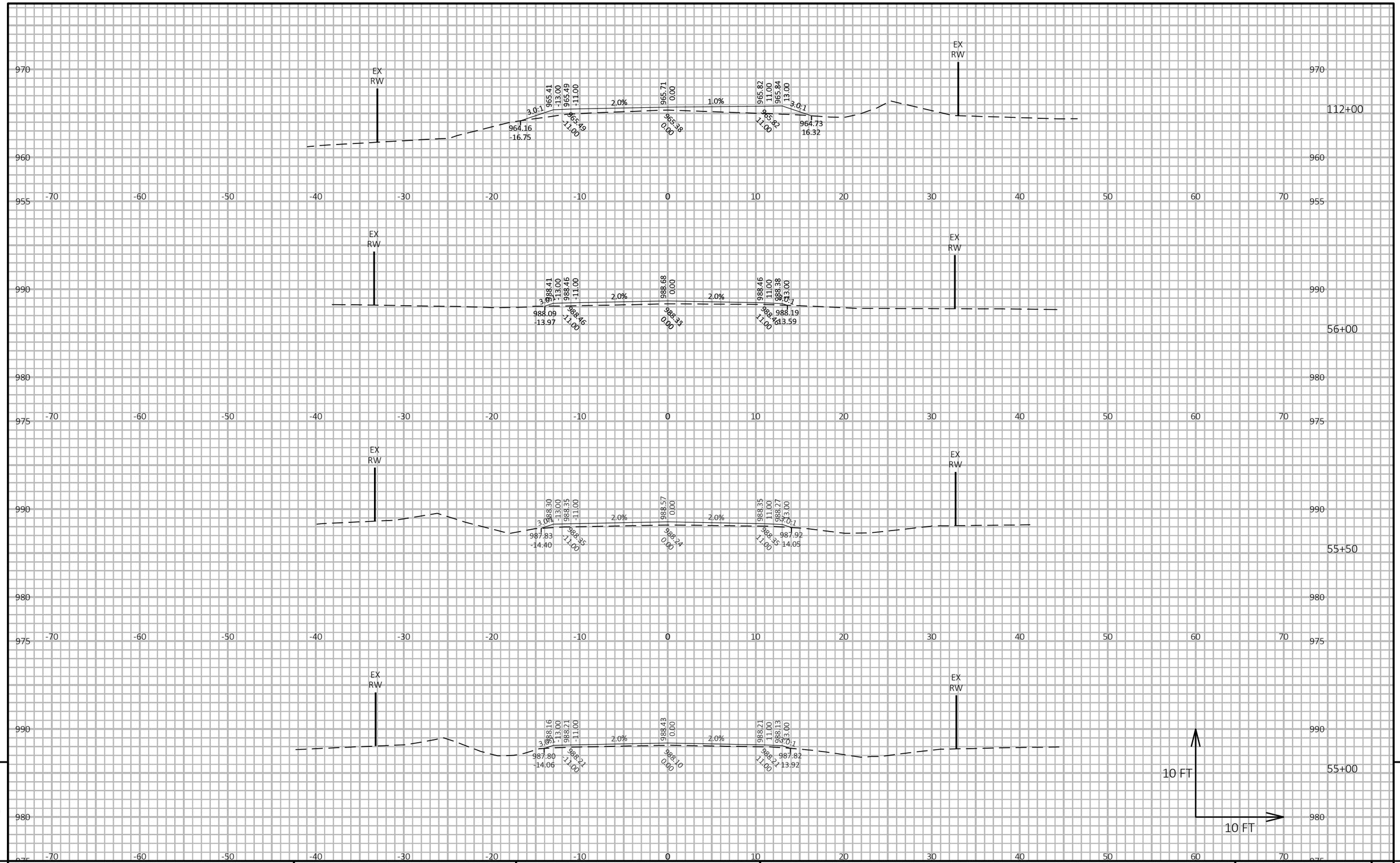
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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 137	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 118

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

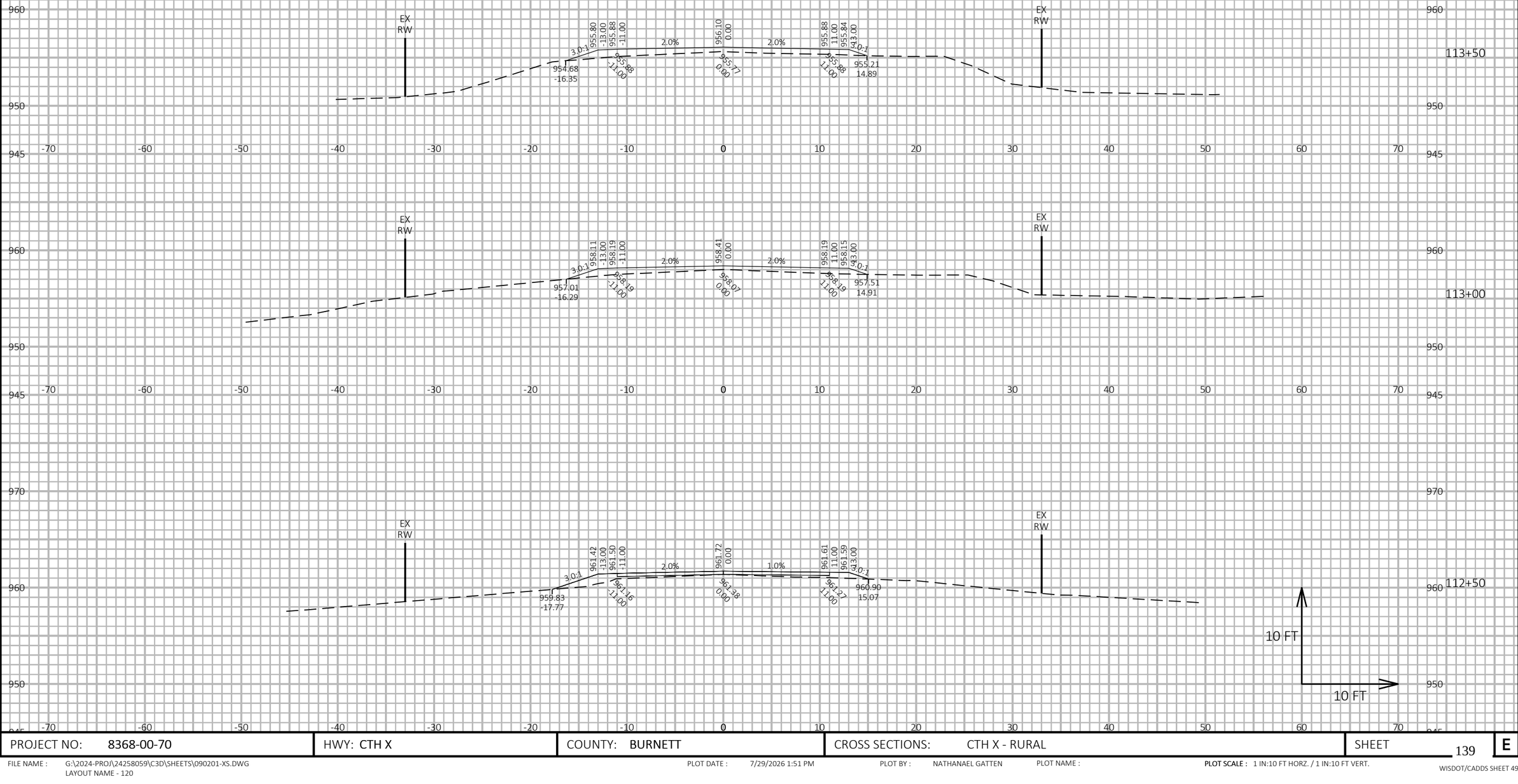


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 138	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 119

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

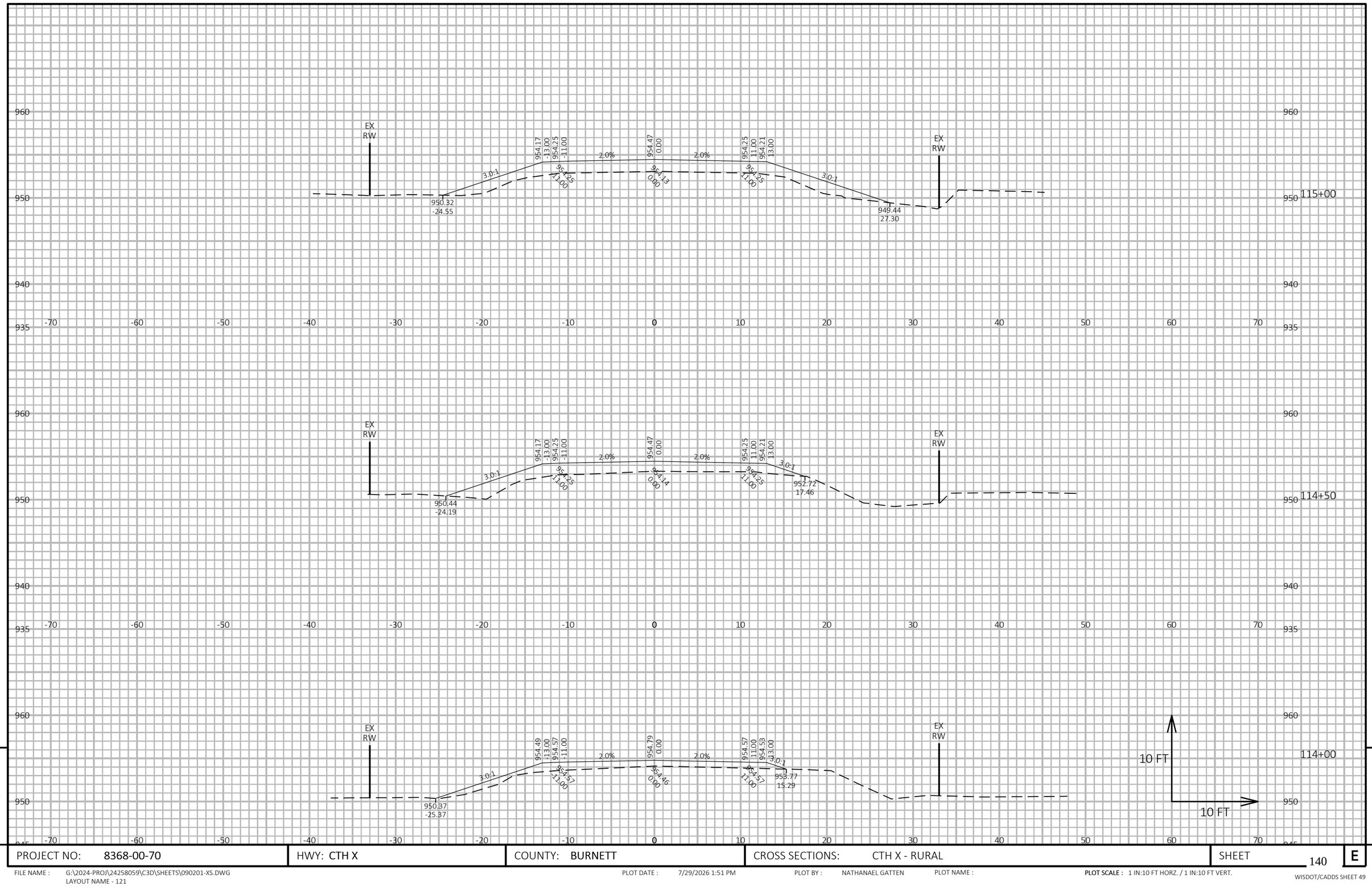


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 139	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 120

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



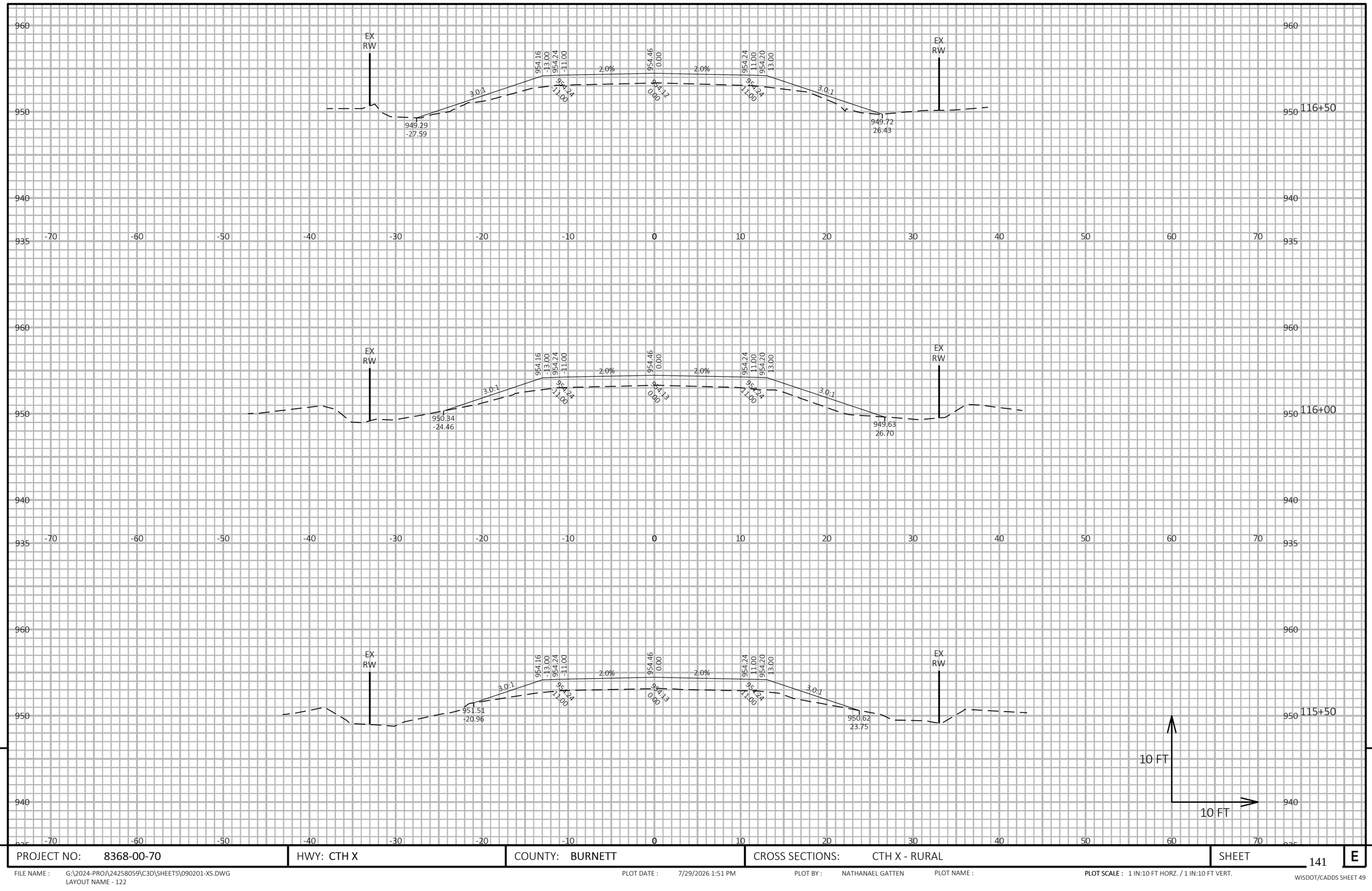
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 140	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 121

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

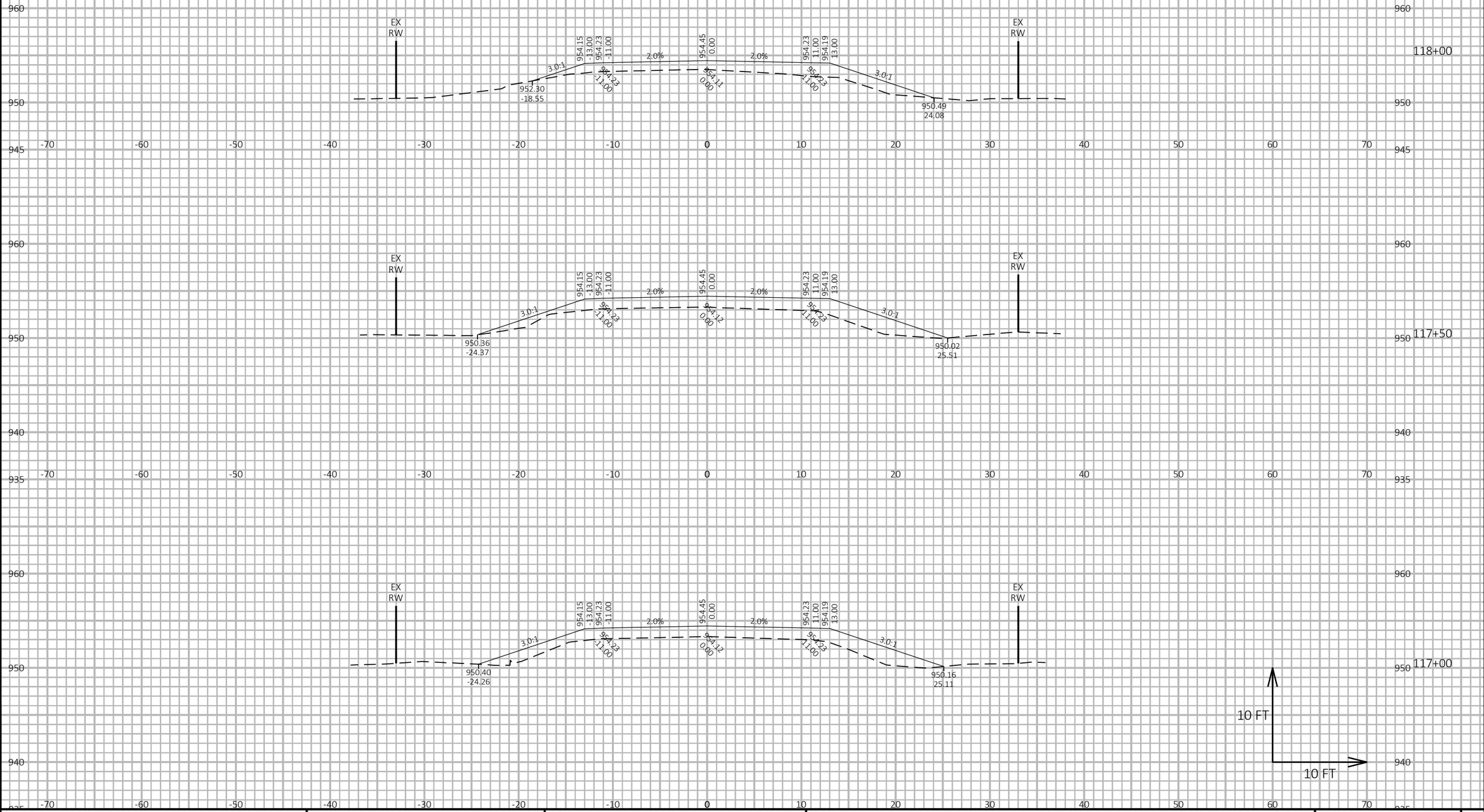


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 141	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 122

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



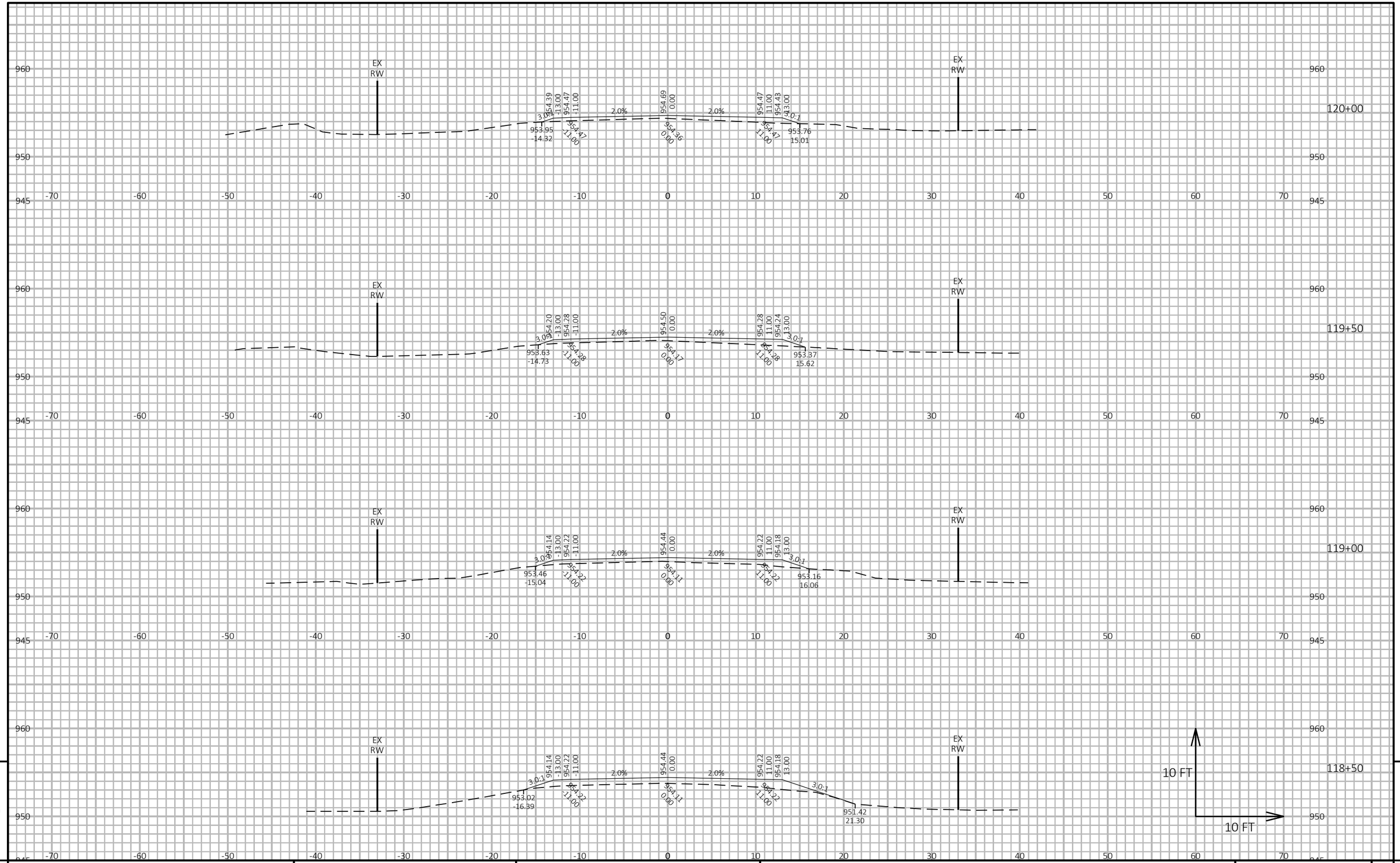
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 142	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 123

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 143	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 124

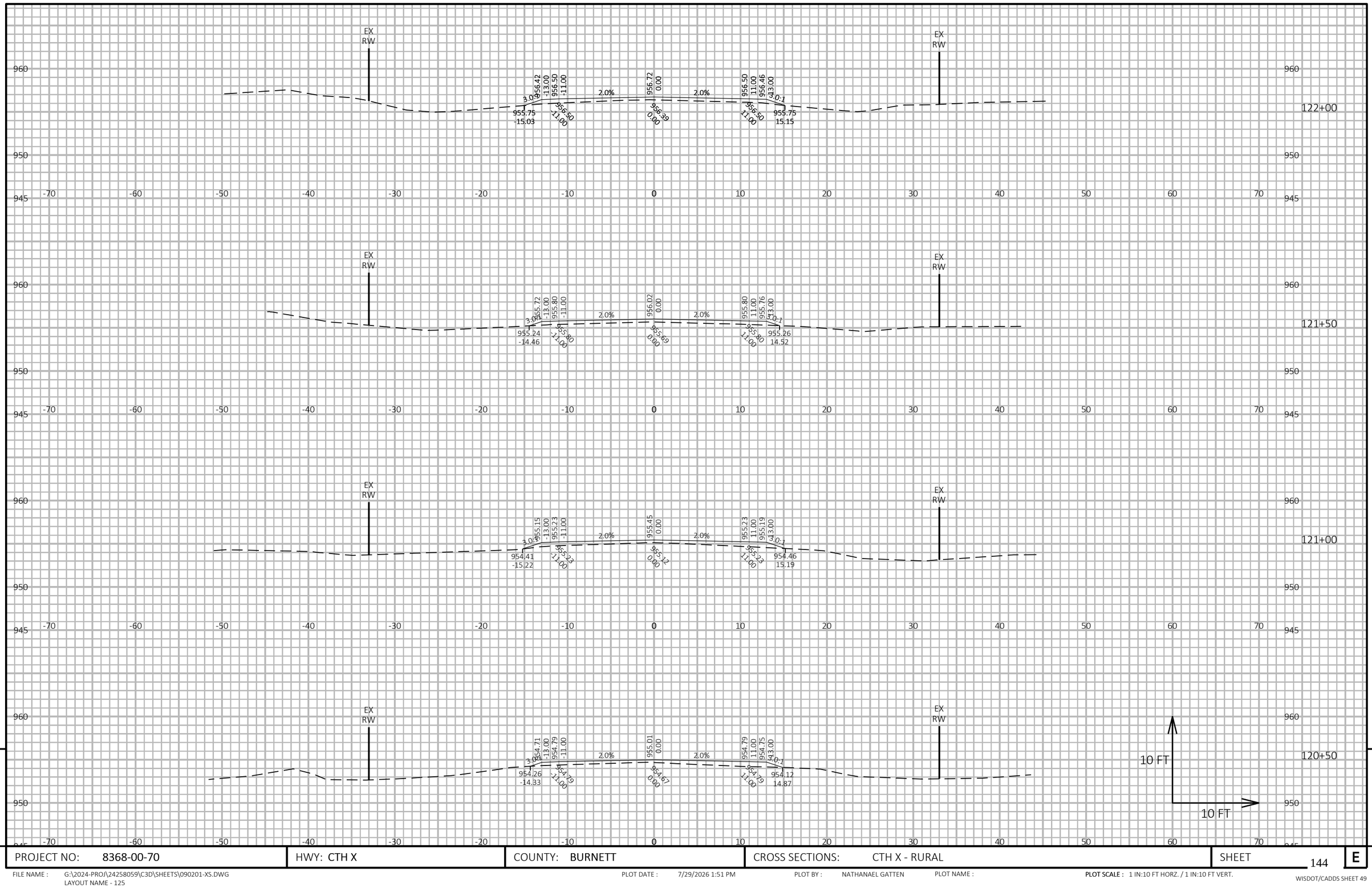
PLOT DATE : 7/29/2026 1:51 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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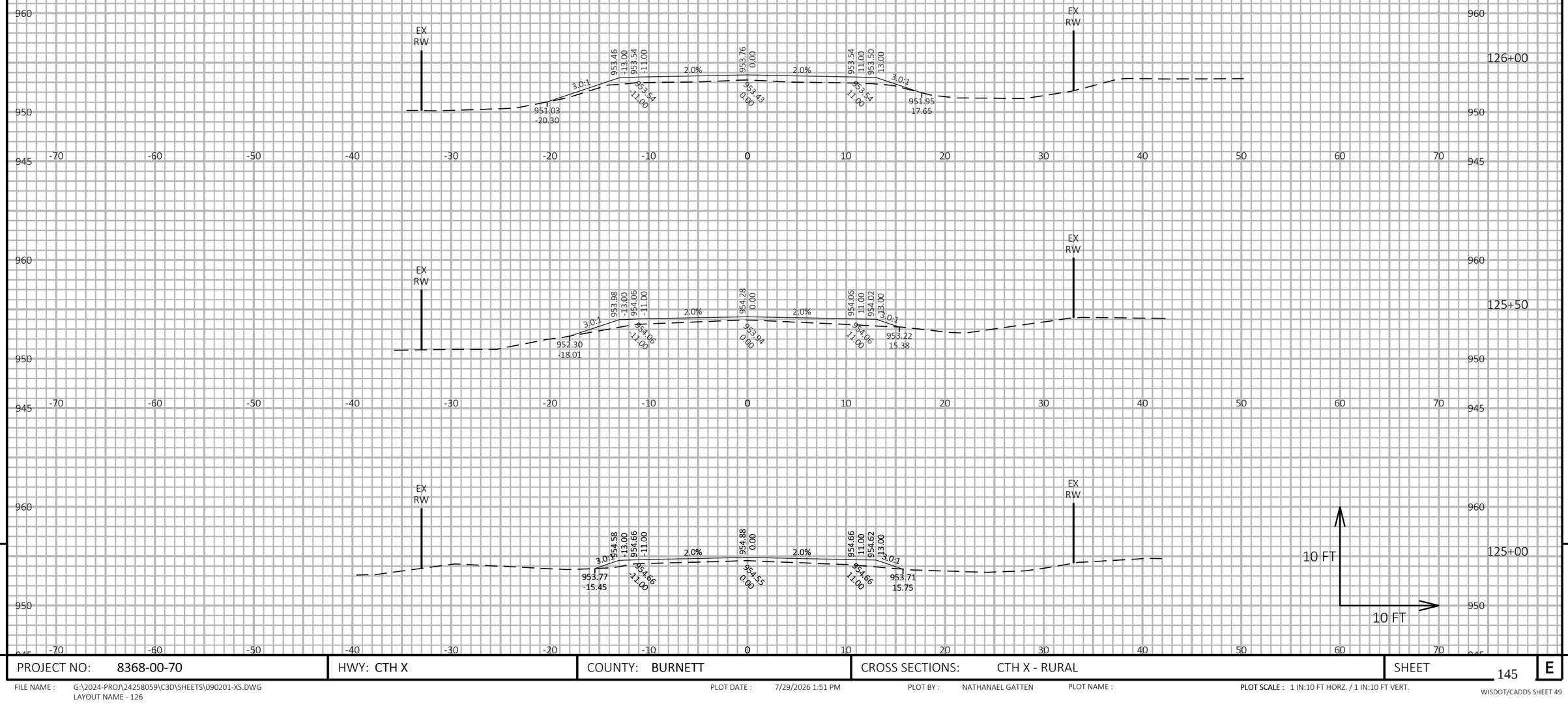
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 144	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 125

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 145	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 126

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

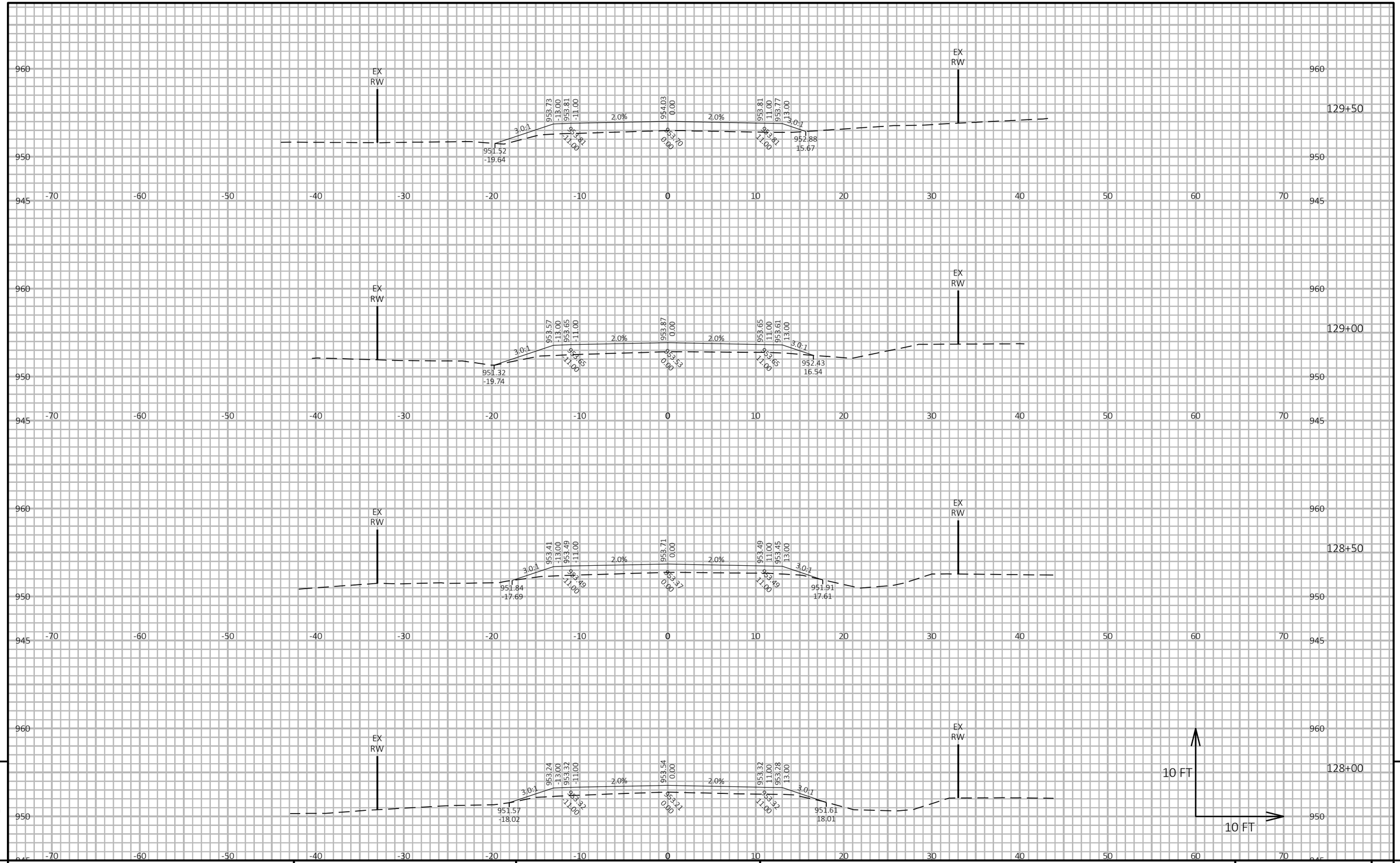
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 146	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 127

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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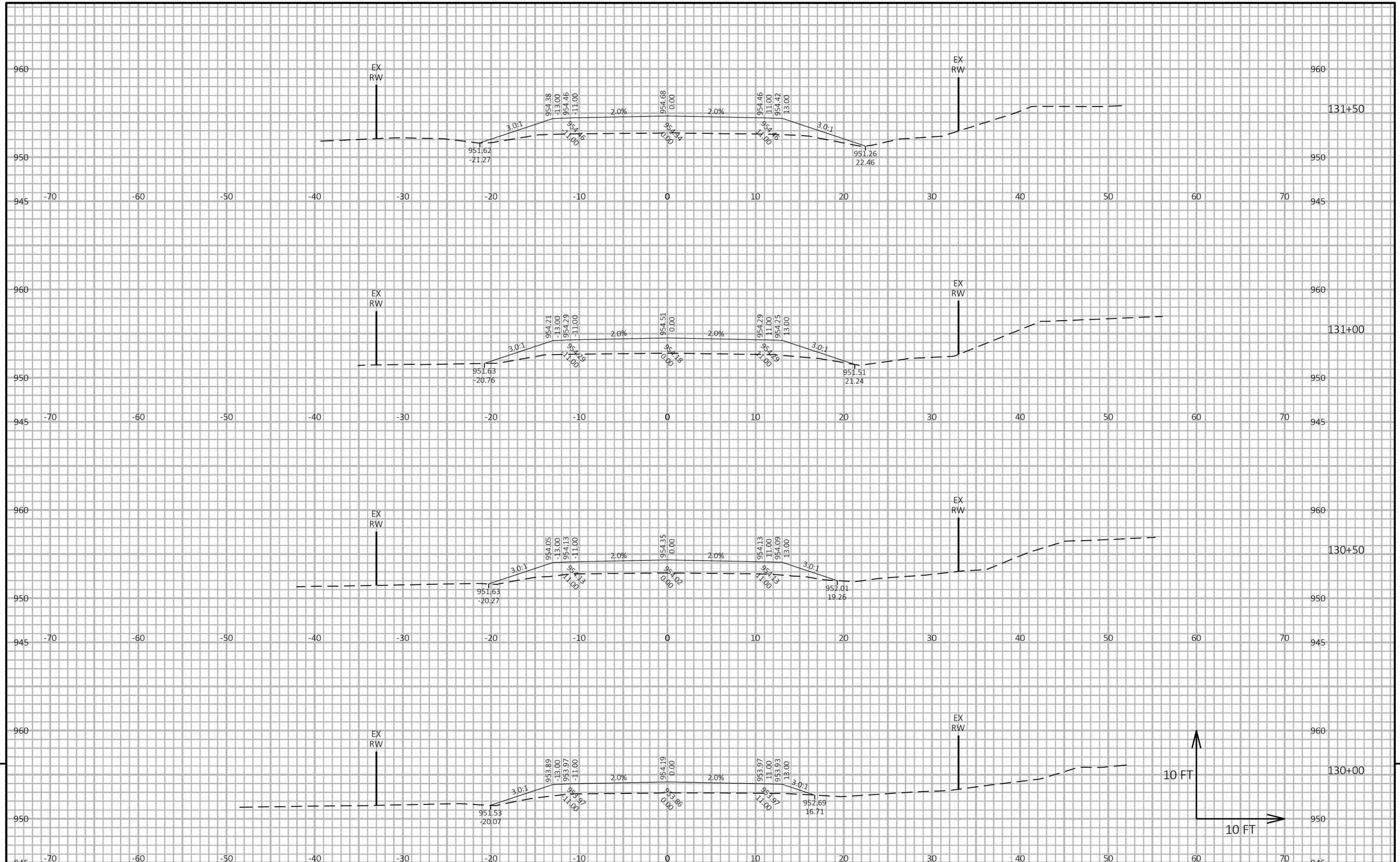
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 147	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 128

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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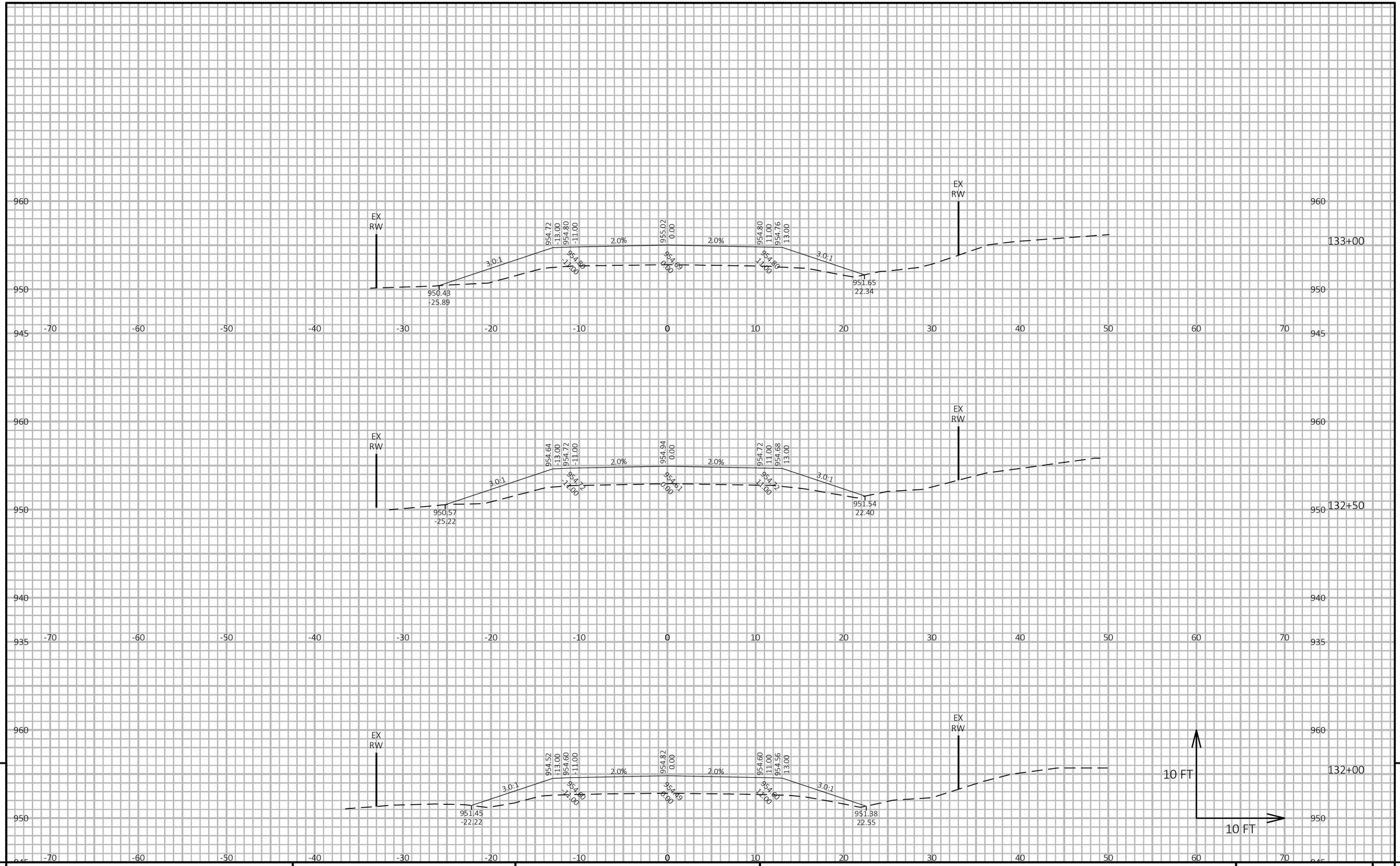
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 148	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 129

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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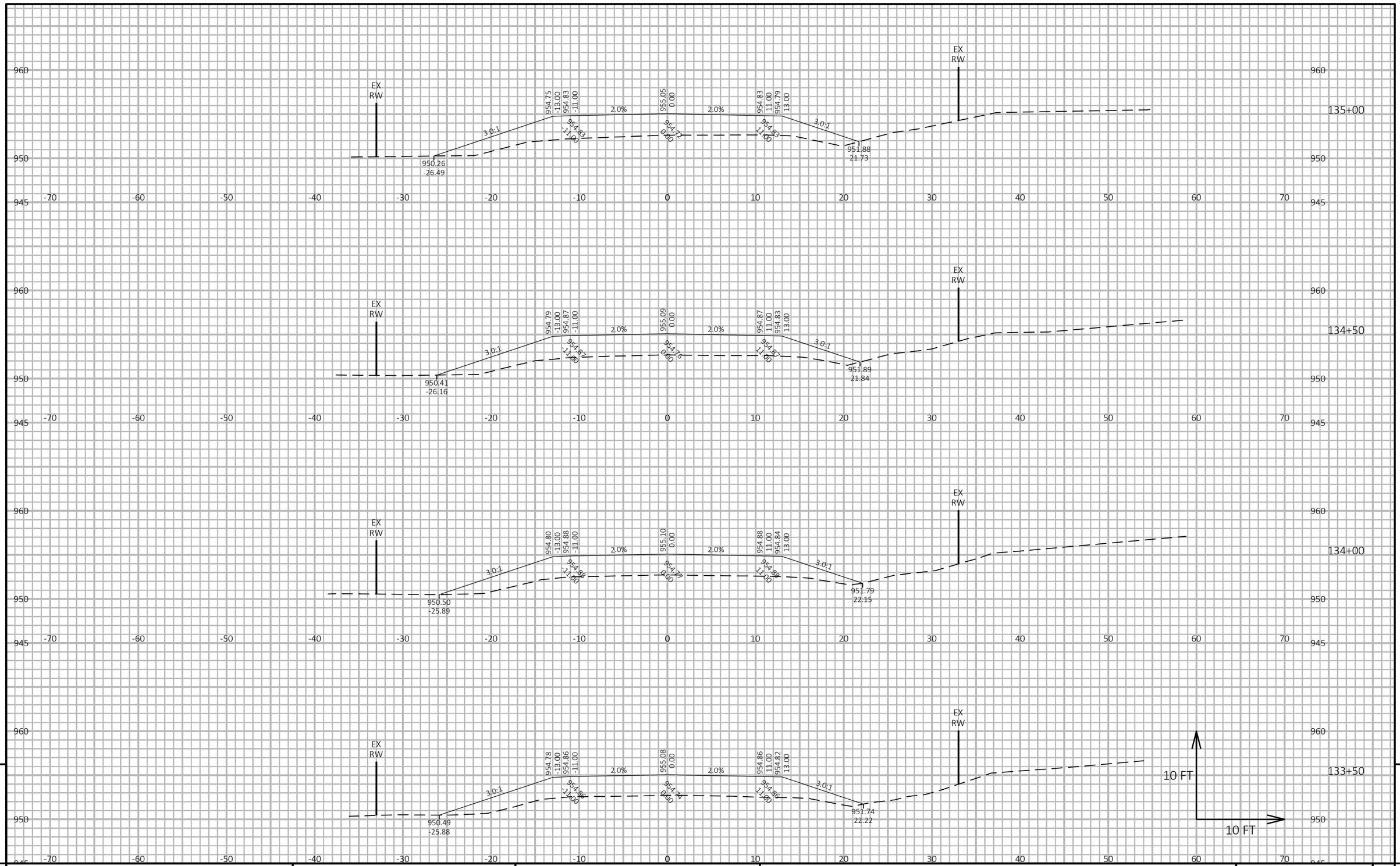
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 149	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 130

PLOT DATE : 7/29/2026 1:51 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 150	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 131

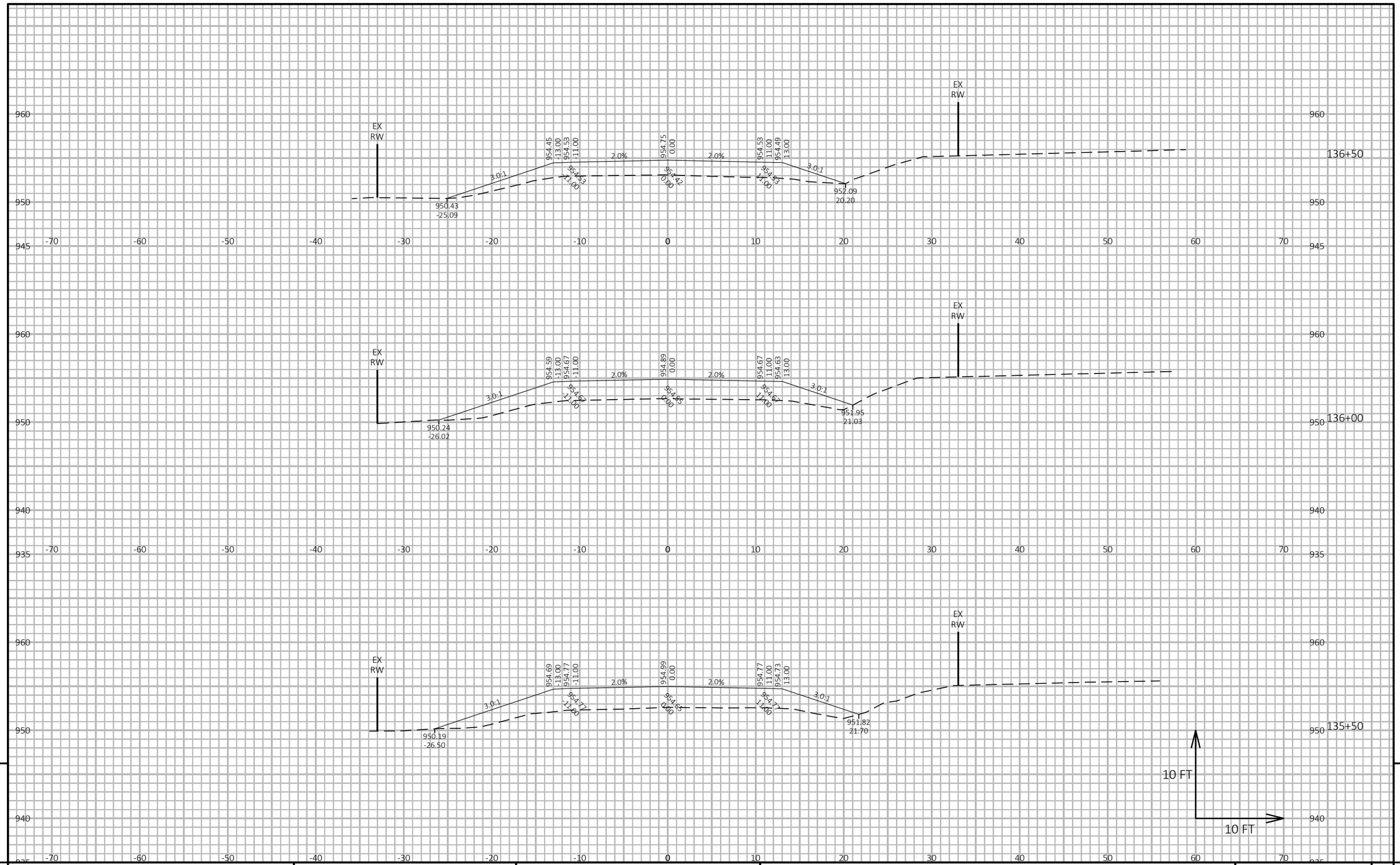
PLOT DATE : 7/29/2026 1:52 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

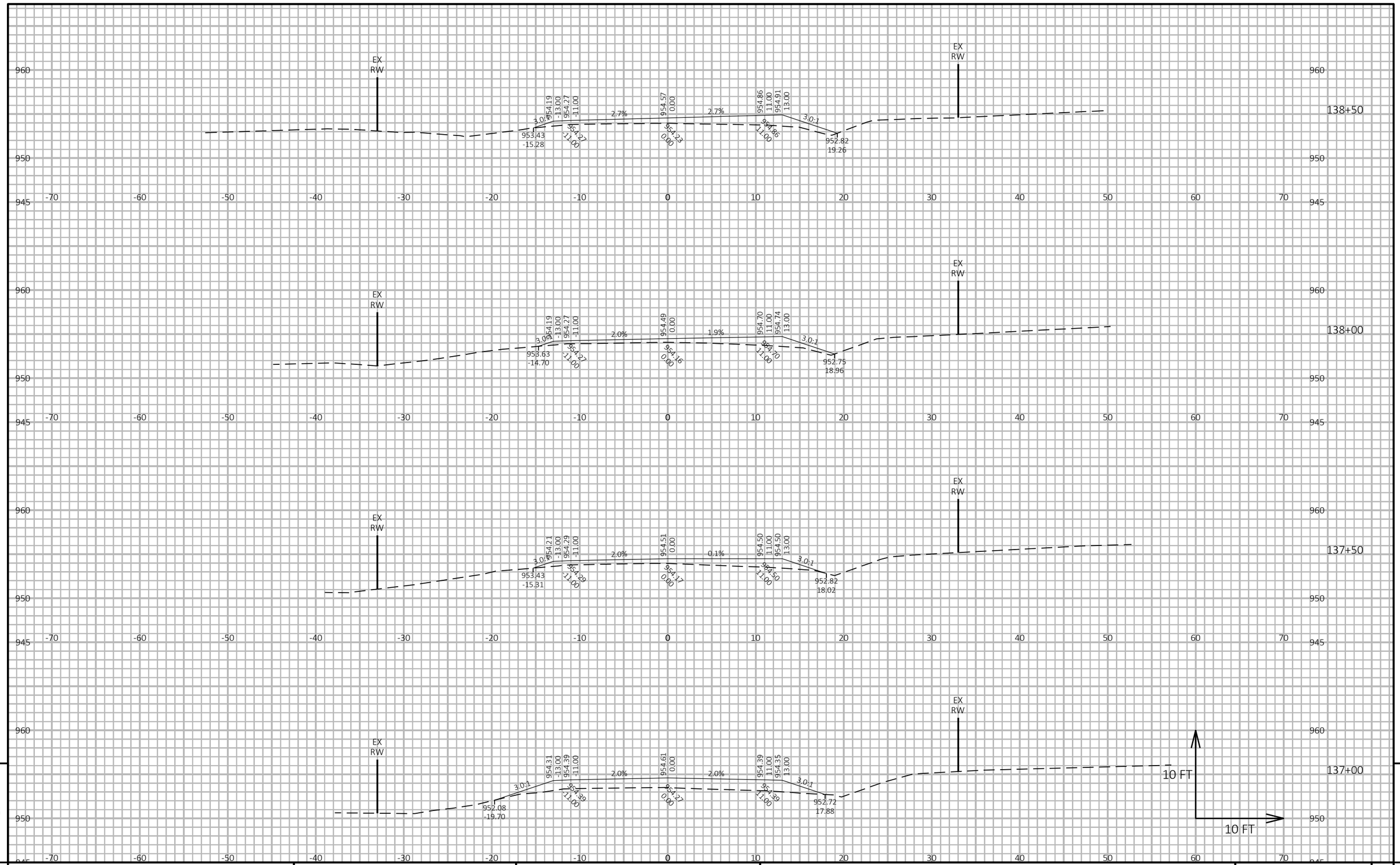


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 151 E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 132

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

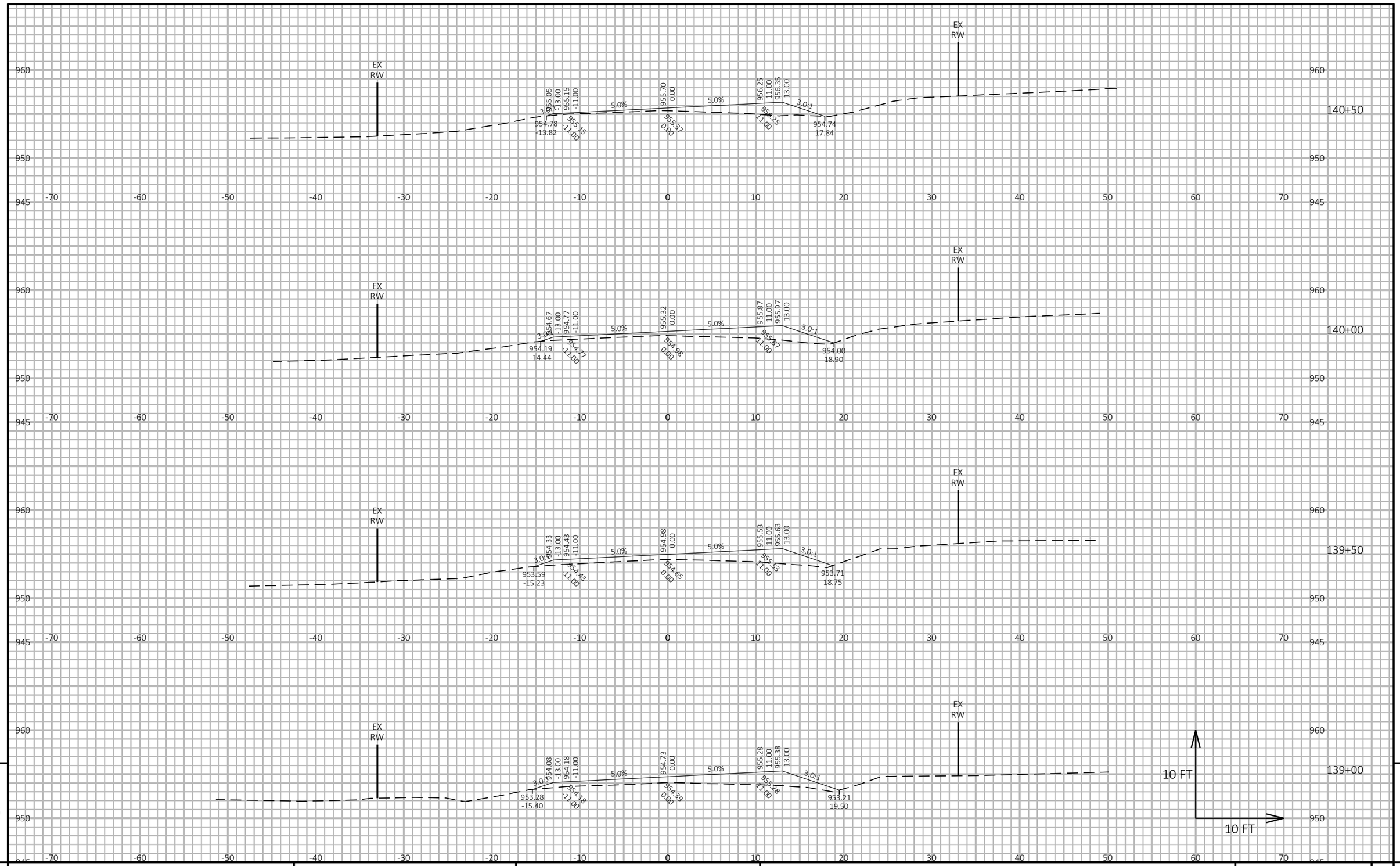


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 152	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 133

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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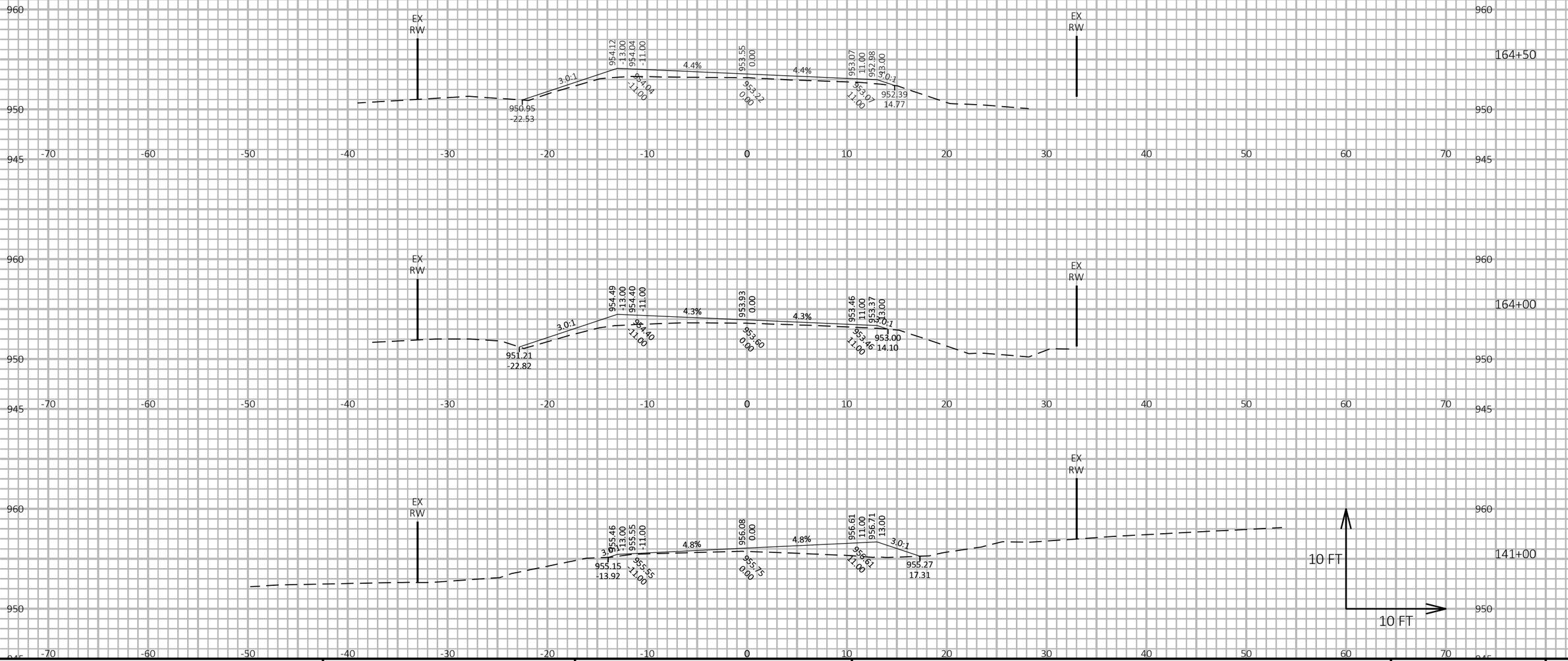
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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 153	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 134

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 154	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 135

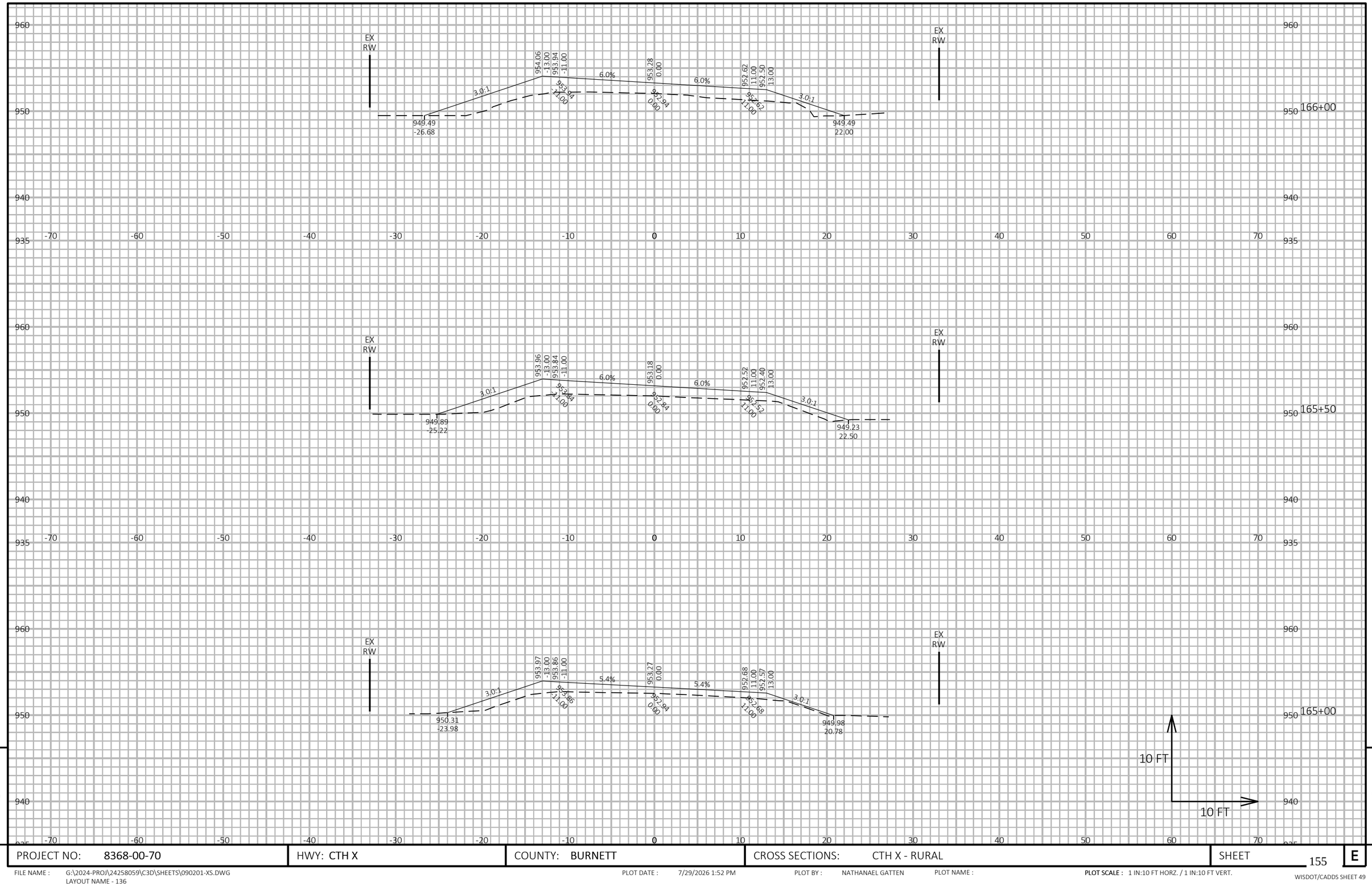
PLOT DATE : 7/29/2026 1:52 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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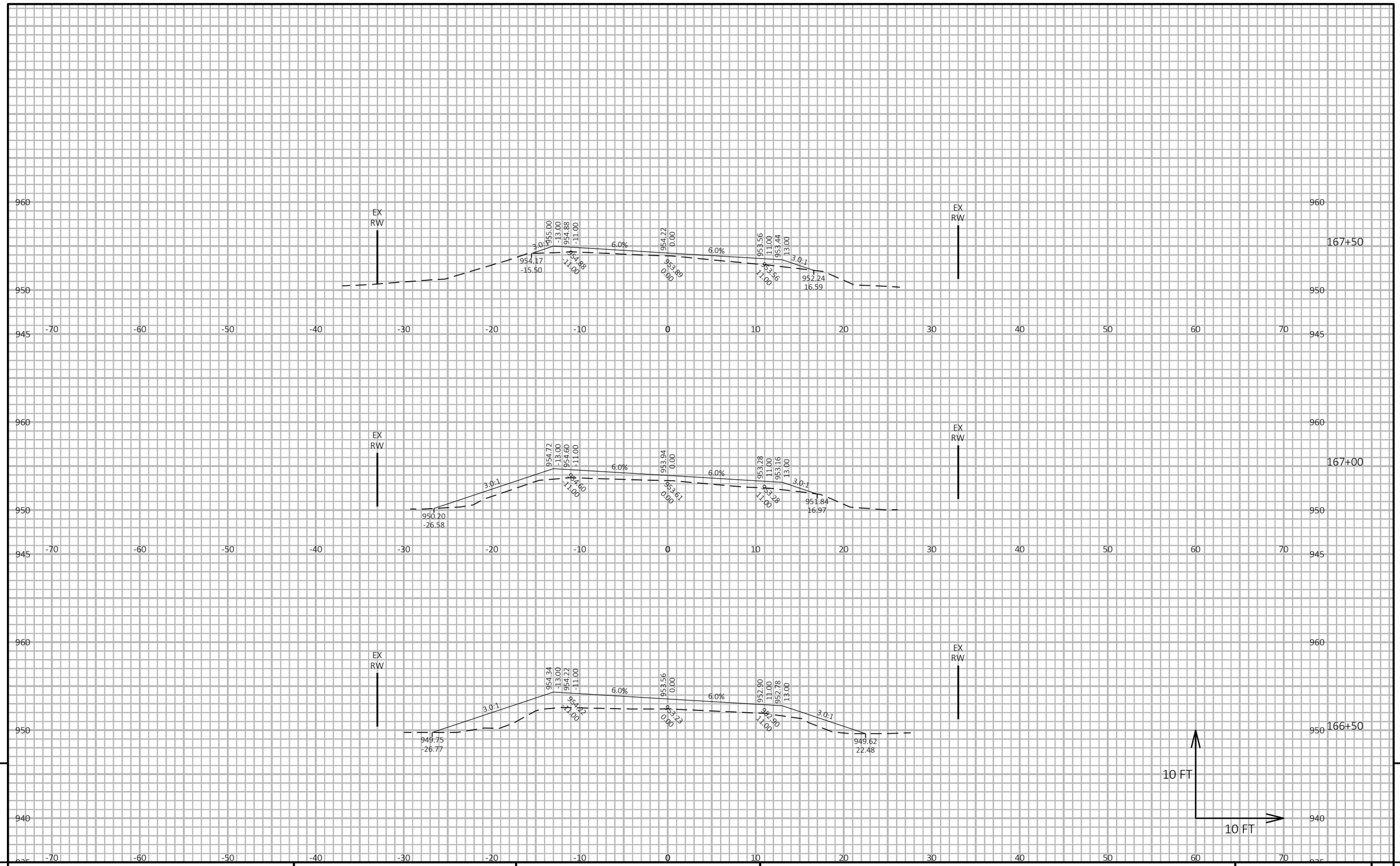
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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 155	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 136

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 156	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 137

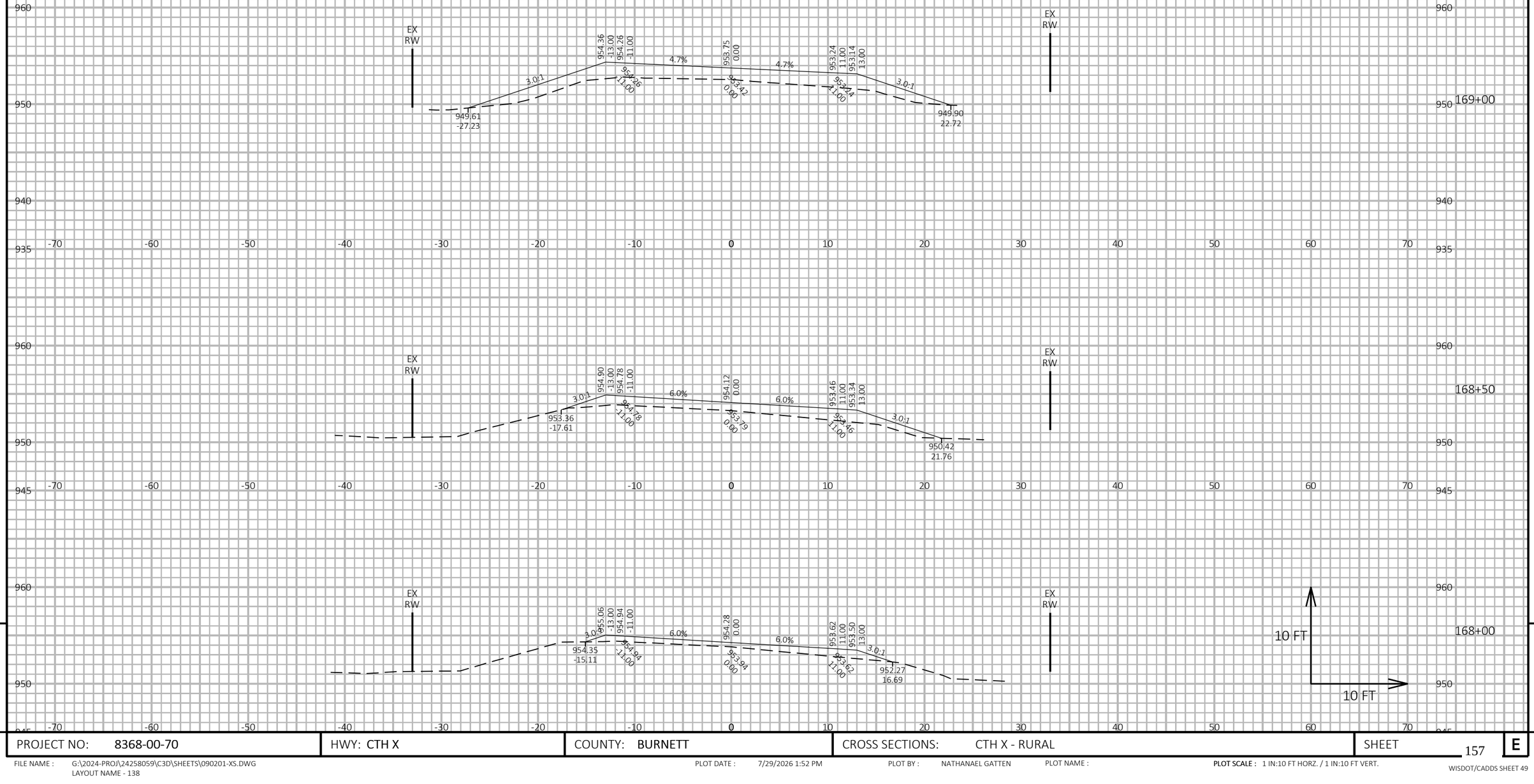
PLOT DATE : 7/29/2026 1:52 PM

PLOT BY : NATHANAEL GATTEN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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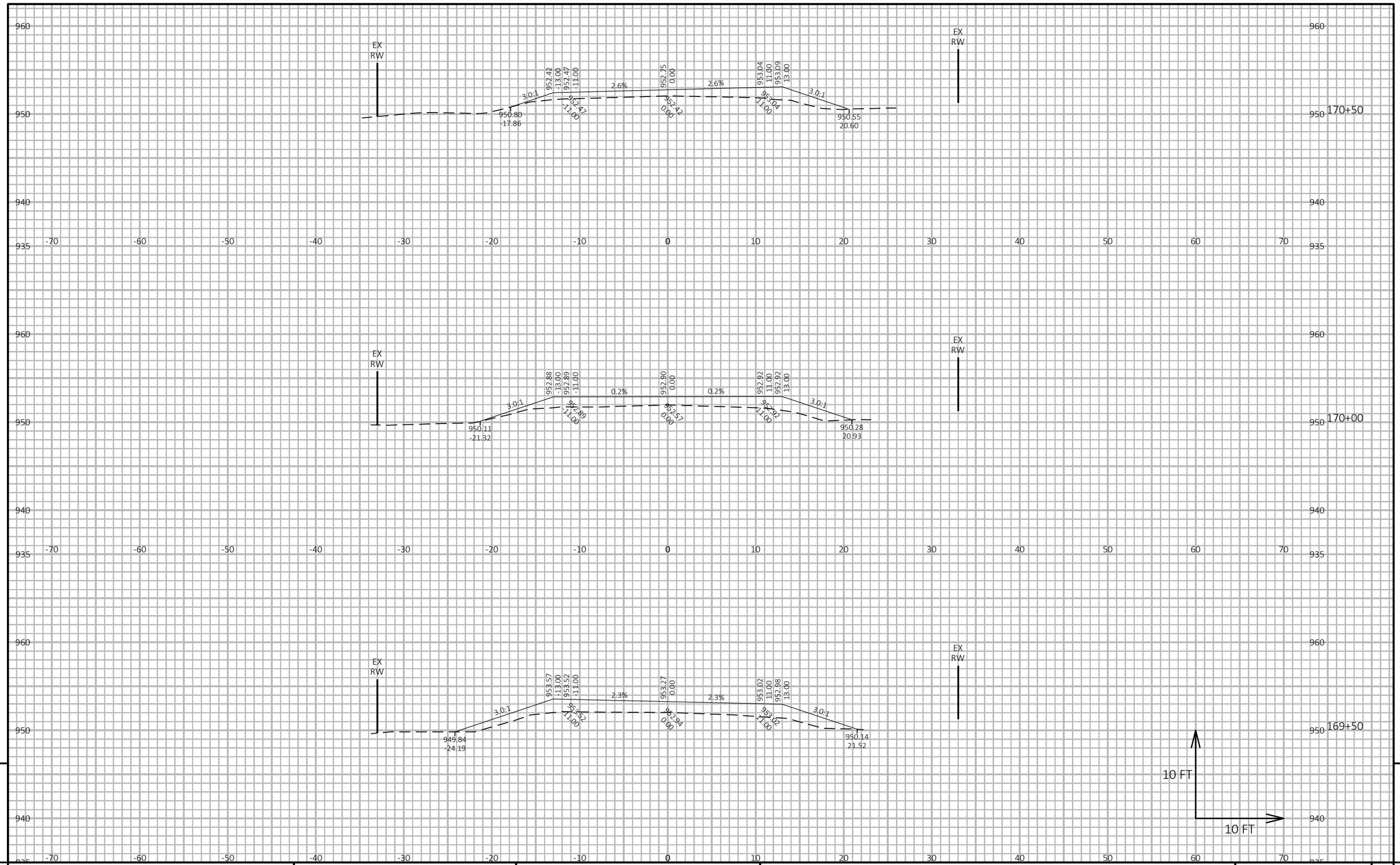
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 157	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 138

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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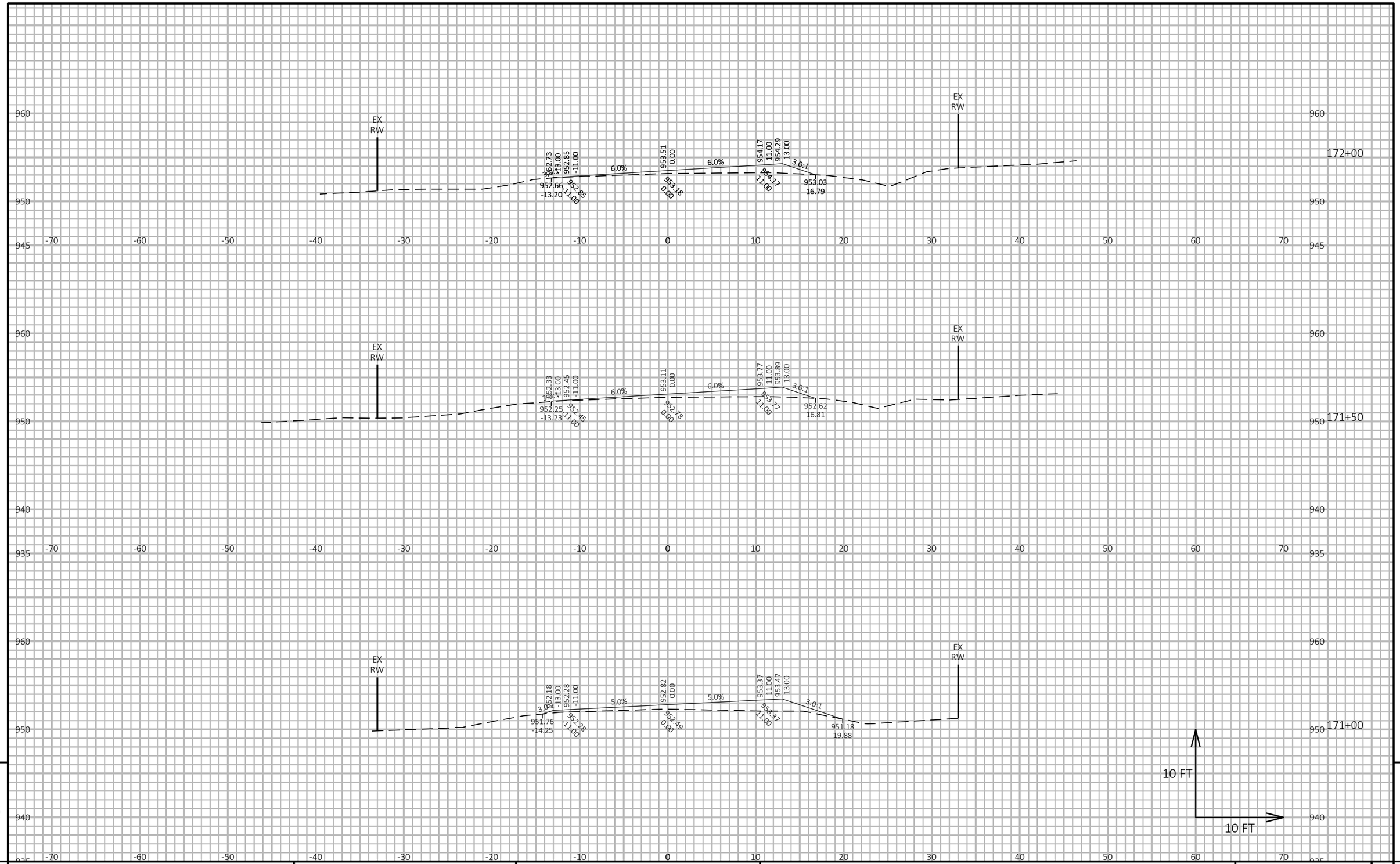
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 158	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 139

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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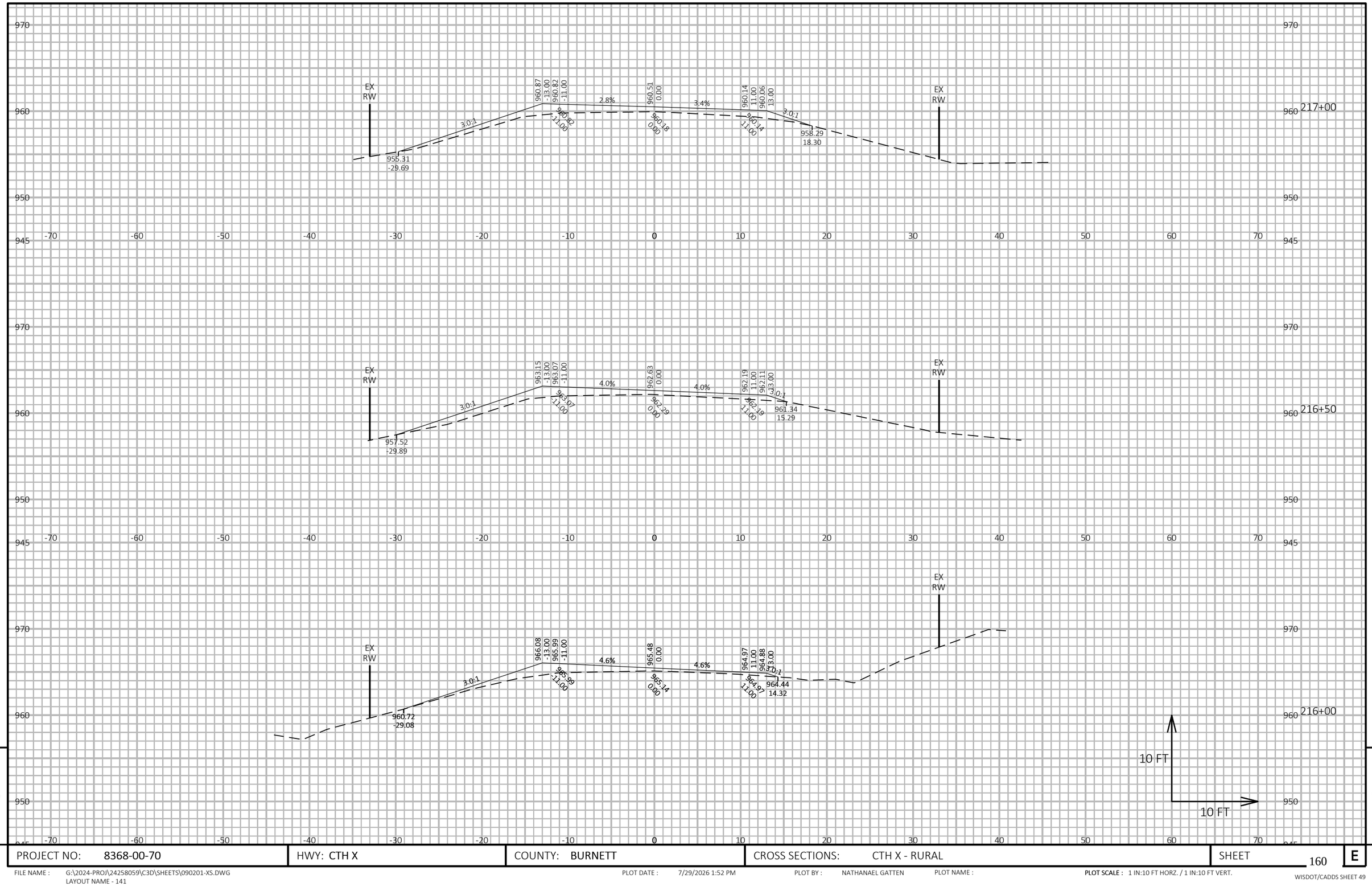
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 159	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 140

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

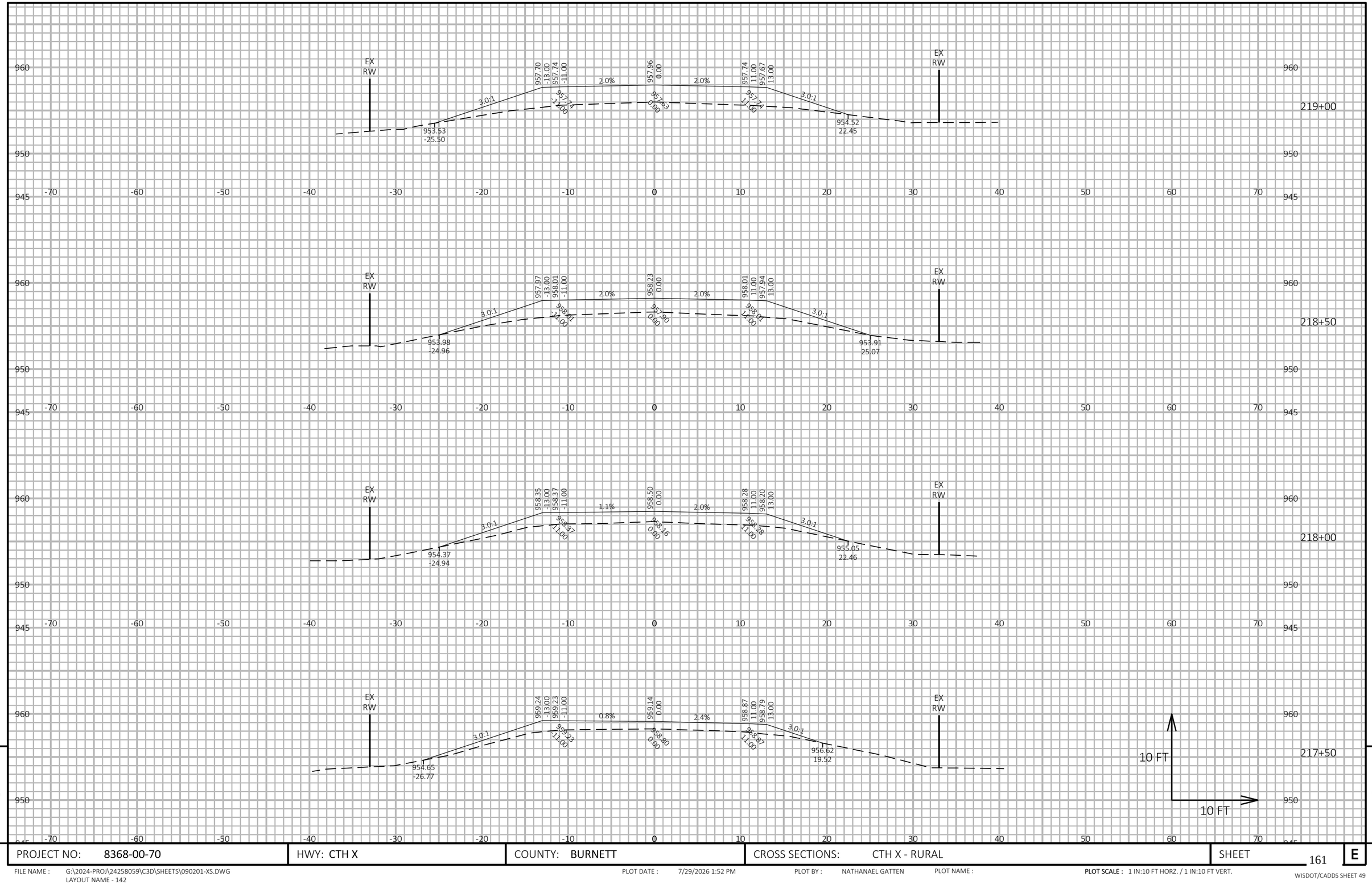


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 160	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 141

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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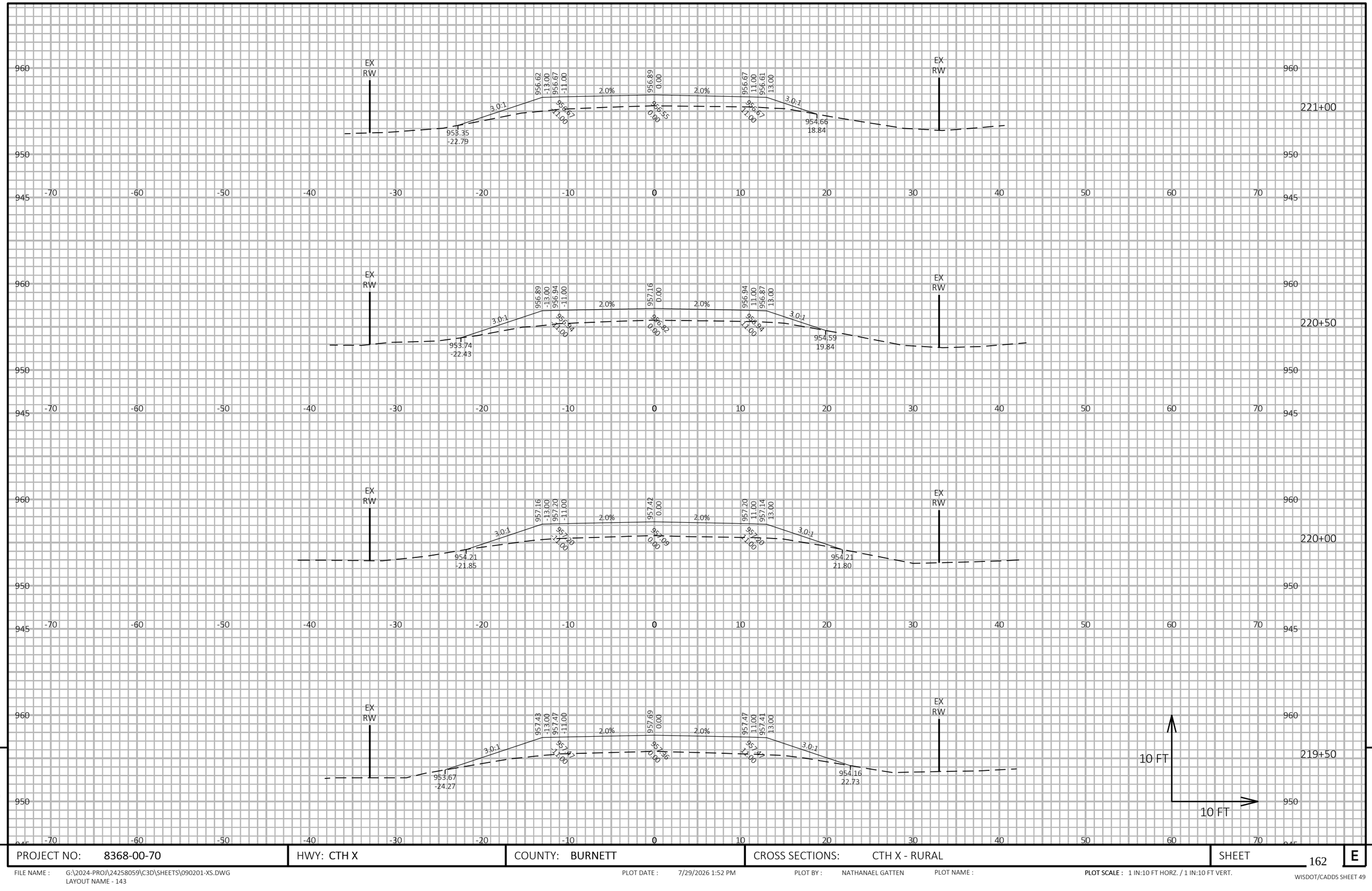
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 161	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 142

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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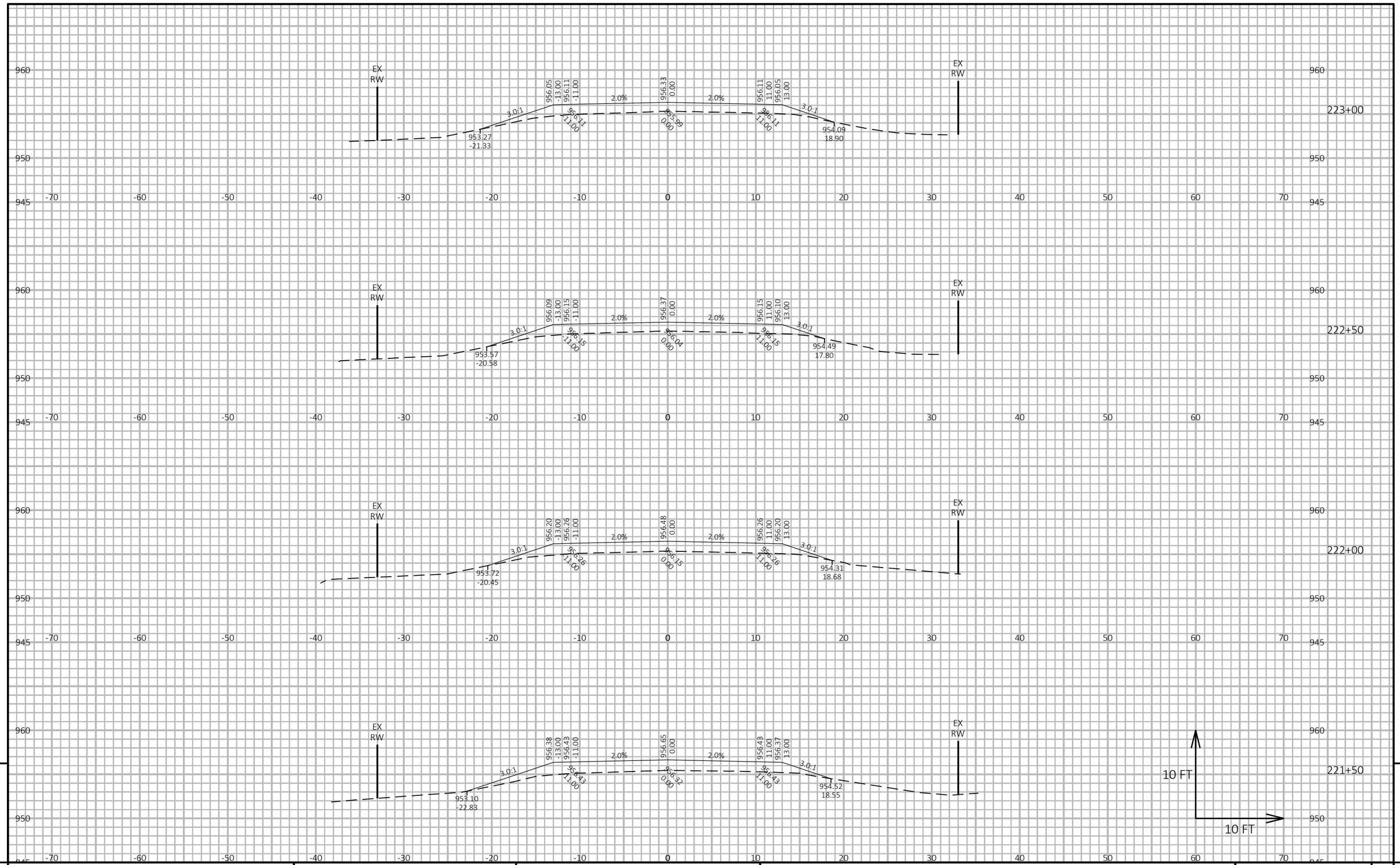
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 162	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 143

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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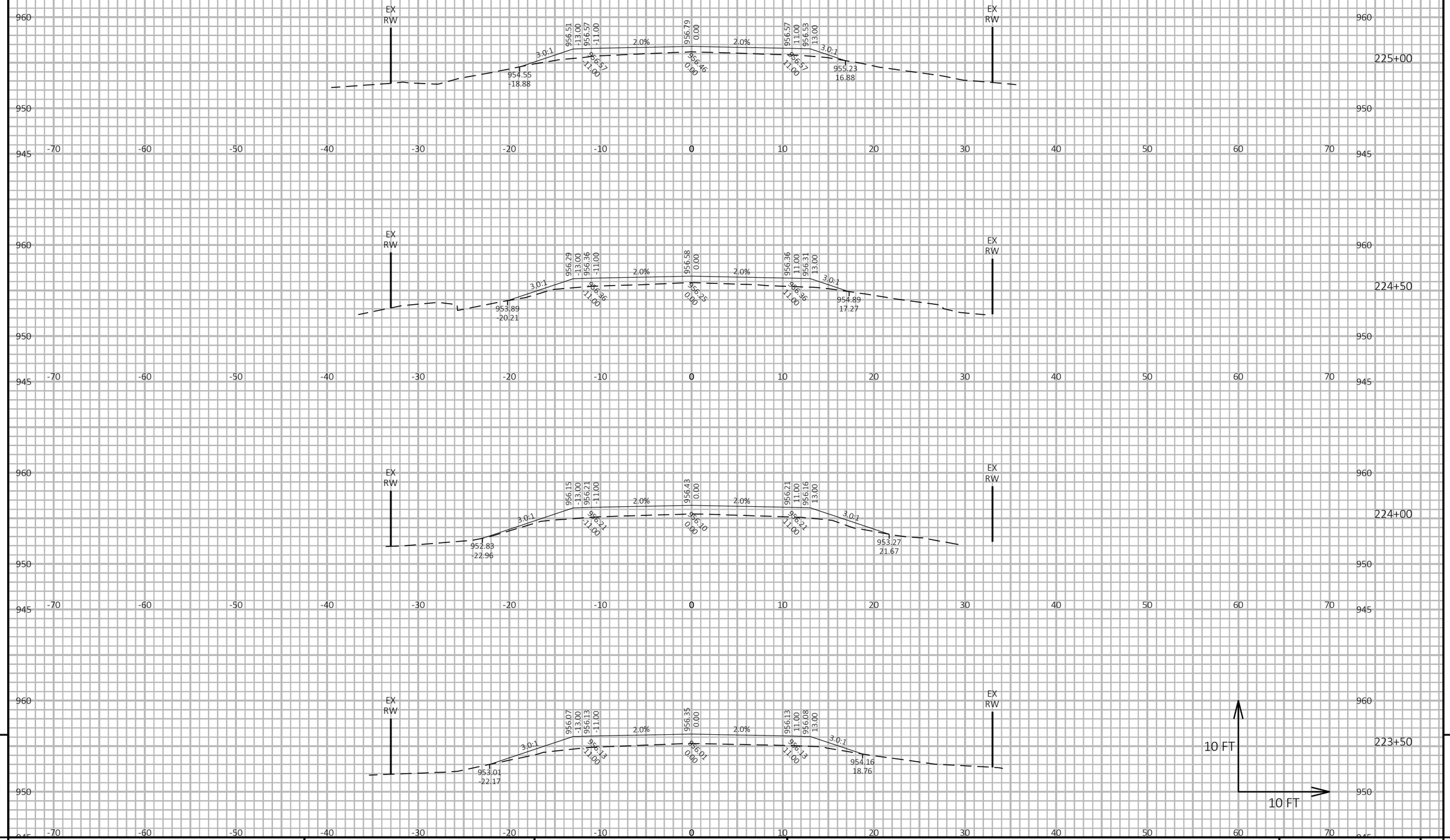
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 163	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 144

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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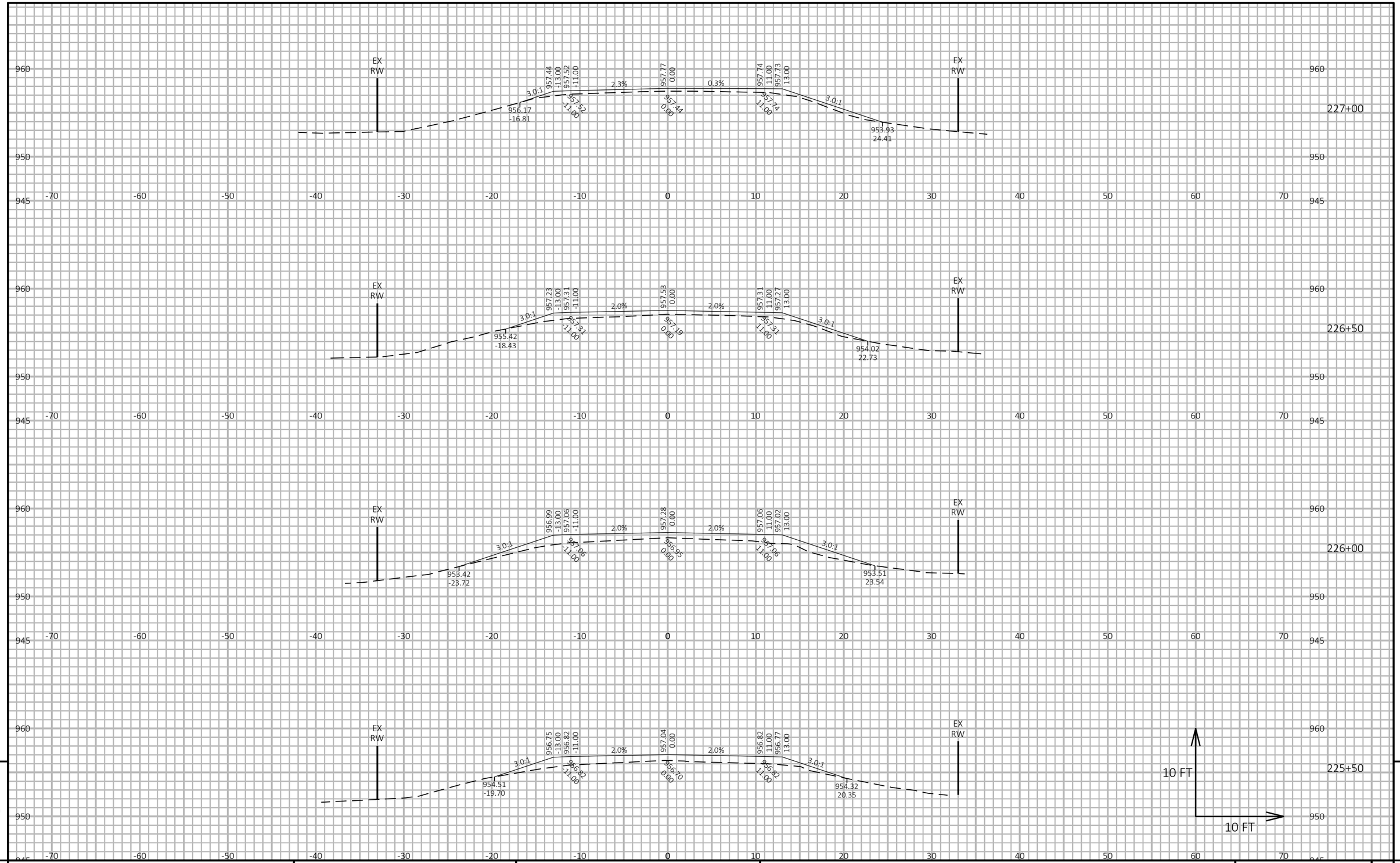
PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 164	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 145

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

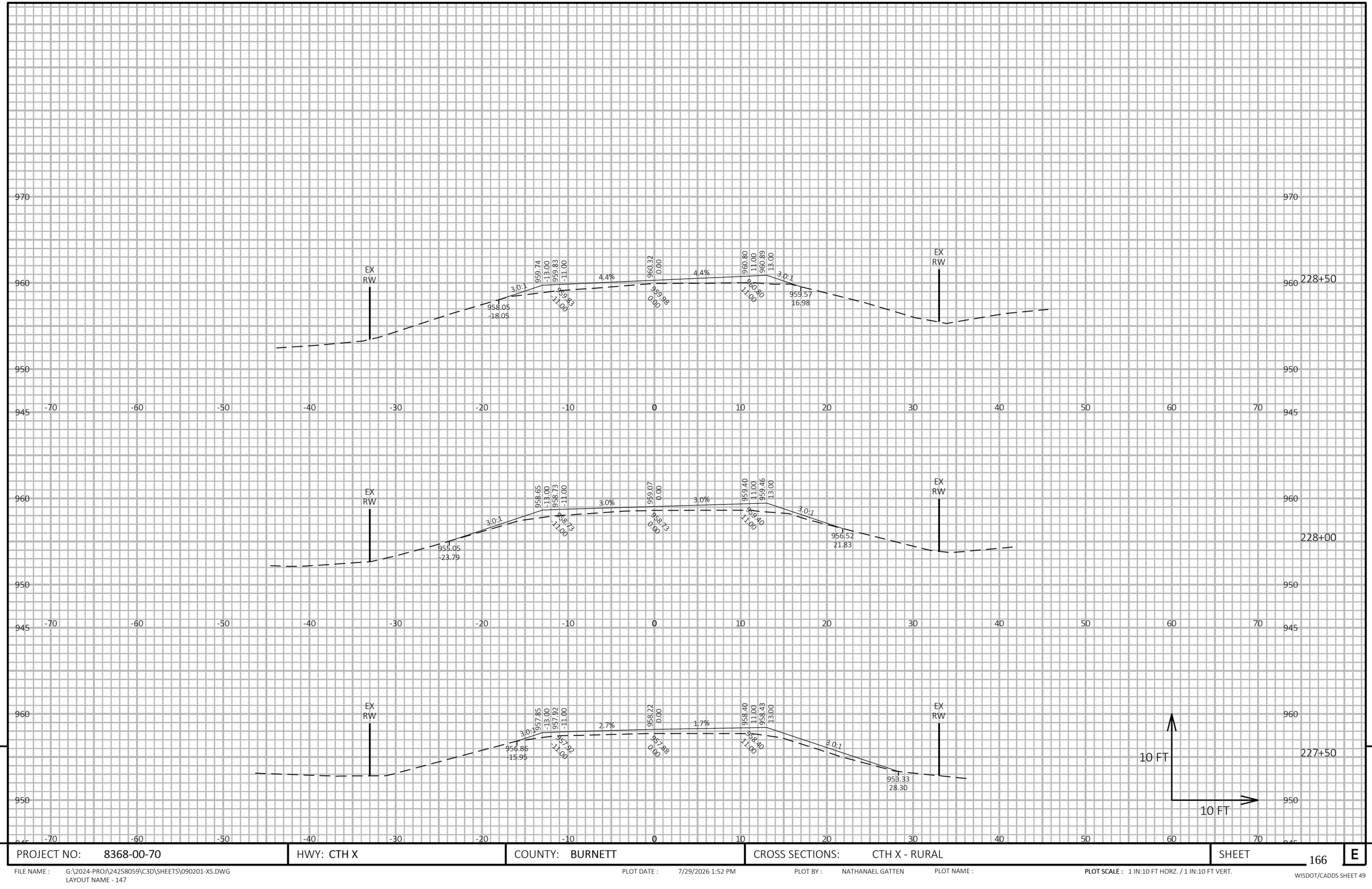


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 165 E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 146

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

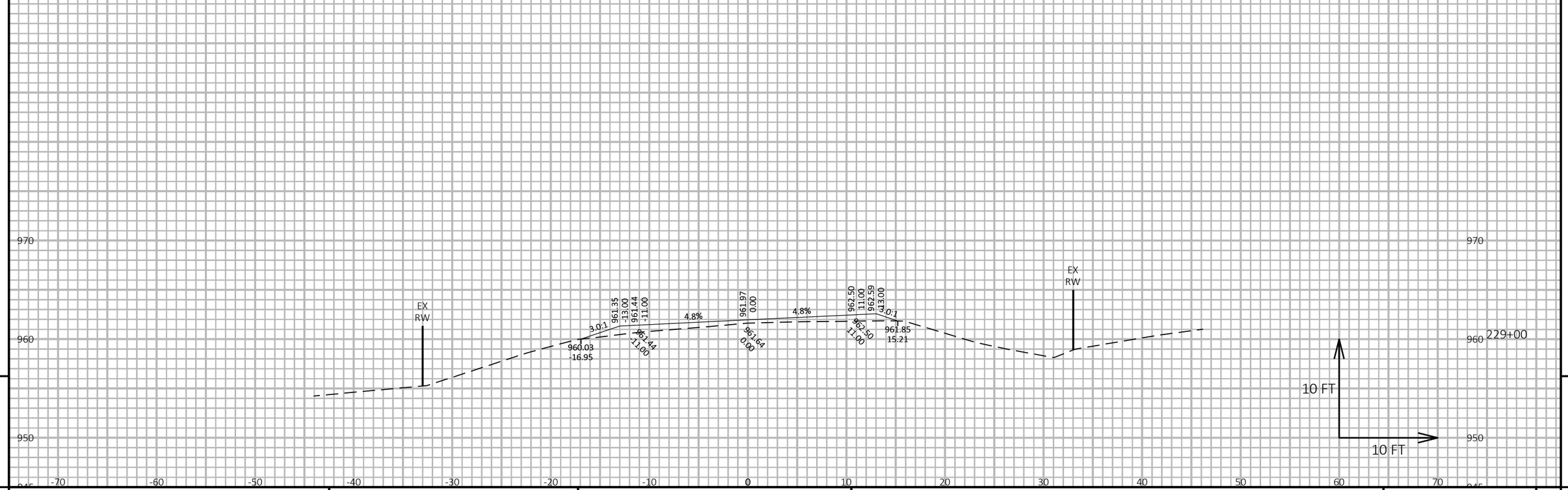


PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 166	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 147

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8368-00-70	HWY: CTH X	COUNTY: BURNETT	CROSS SECTIONS: CTH X - RURAL	SHEET 167	E

FILE NAME : G:\2024-PROJ\24258059\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 148

PLOT DATE : 7/29/2026 1:52 PM PLOT BY : NATHANAEL GATTEN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

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