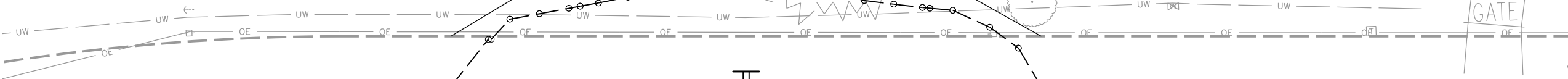


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PEN: ..\\tables\\Pen\\EW_PENTABLE.tbl
USER: CHENAB
DATE: 1/25/2024
DGN: ..\\Plans\\Profile R-299\\Profile R-299.dgn

EARTHWORK QUANTITIES				
STATION TO STATION	EXCAVATION ESTABLISHED QUANTITY (CU YDS)	EMBANKMENT (CU YDS)	BALANCE FACTOR	EXCESS EXCAVATION (CU YDS)
29+00 - 31+00	432	71	1.35	336
THE CONTRACTOR WILL BE REQUIRED TO FURNISH A SITE TO DISPOSE OF EXCESS EXCAVATION NOT INCORPORATED INTO THE PROJECT. THIS MATERIAL WILL BE WASTED OFF THE PROJECT RIGHT-OF-WAY AT AN UPLAND SITE IN CONFORMANCE WITH THE REQUIREMENTS OF BOTH THE APPROVED FLOODPLAIN PERMIT AND THE U.S. ARMY CORPS. OF ENGINEERS PERMIT OBTAINED FOR THE PROJECT. THE EXCAVATED MATERIAL MAY NOT BE SUITABLE FOR BACKFILL OR EMBANKMENT.				
REFER TO SHEET JI (TYPICAL EROSION CONTROL PLAN) FOR LOCATION AND USE OF EROSION CONTROL PRODUCTS.				



LANCASTER COUNTY ENGINEERING	PROJECT NO.	SHEET NO.
	24-22	R-299 PG1
	Date: 10/2023	Drawn: NAB
	Horz. Scale: 1/40 Vert. Scale: 1/10	Checked: VPD Approved: JML

DESIGN DESIGNATION		
DESIGN YEAR: 2023	ADT (2022):	166
NFC/SFC:	LOCAL	LOCAL
MEETS OR EXCEEDS MINIMUM DESIGN STANDARDS OF THE BOARD OF PUBLIC ROADS CLASSIFICATIONS AND STANDARDS.		

CENTERLINE CURVE DATA:
P.I. STA = 26+95.7820
X = 218723.9587
Y = 157785.6232
P.C. STA = 25+22.8703
X = 218567.2358
Y = 157712.5725
P.T. STA = 28+62.2104
X = 218896.7505
Y = 157779.1836
 $\Delta=27^{\circ}07'30.50''$
R=716.7800
L=339.3401'

STA 29+00 LT & RT TO
31+00 LT & RT
INSTALL EROSION CONTROL
CLASS ID: 976 SQ YDS

STA 30+00
BUILD 24" x 58" BROKEN BACK
CULVERT PIPE, TYPE 3, ON 0°
SKEW WITH 24" METAL
HEADWALL ON INLET AND
ROCK RIPRAP FOR OUTLET
PROTECTION.
SPECIAL PLAN 1-C
STANDARD PLAN 411-R2
(1) - 10° ELBOW
EXC: 42 CU YDS

STA 30+00 R-299
DA: 7 AC Q10: 14.4 CFS
18" x 34' CMP
REMOVE CULVERT PIPE,
EXC: 91 CU YDS

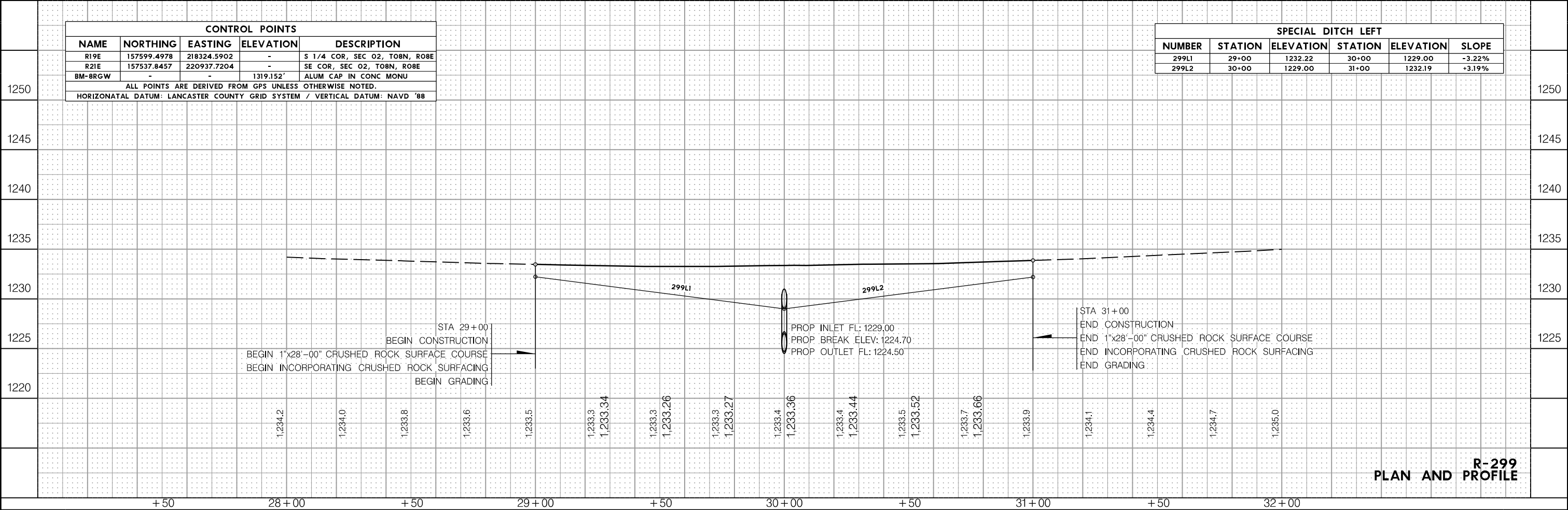
TRACT 2
CLAUDE F. JENSEN & LINDA D REVOCABLE TRUST
LOT 9, I.T.
PERM EASE = 0.01 AC



S.E. 1/4 SEC 02, T 08 N, R 08 E

CONTROL POINTS				
NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
R19E	157599.4978	218324.5902	-	S 1/4 COR, SEC 02, T08N, R08E
R21E	157537.8457	220937.7204	-	SE COR, SEC 02, T08N, R08E
BM-BRGW	-	-	1319.152'	ALUM CAP IN CONC MONU
ALL POINTS ARE DERIVED FROM GPS UNLESS OTHERWISE NOTED.				
HORIZONATAL DATUM: LANCASTER COUNTY GRID SYSTEM / VERTICAL DATUM: NAVD '88				

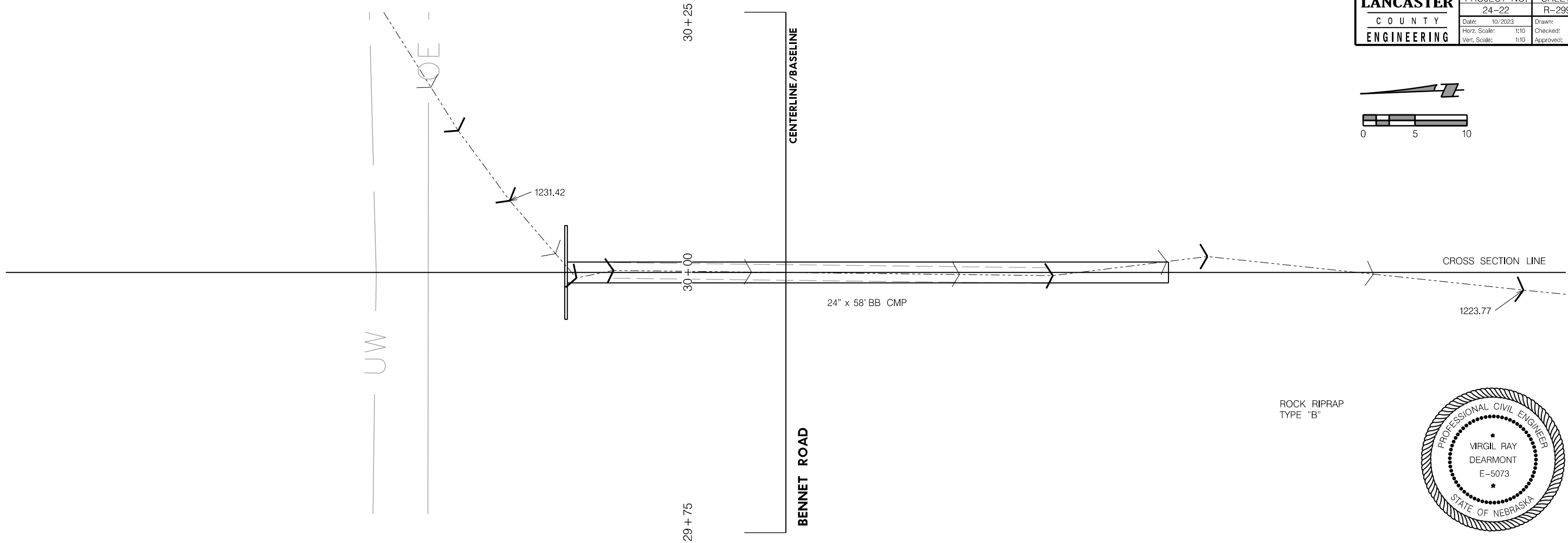
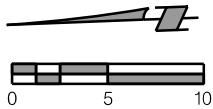
SPECIAL DITCH LEFT					
NUMBER	STATION	ELEVATION	STATION	ELEVATION	SLOPE
299L1	29+00	1232.22	30+00	1229.00	-3.22%
299L2	30+00	1229.00	31+00	1232.19	+3.19%



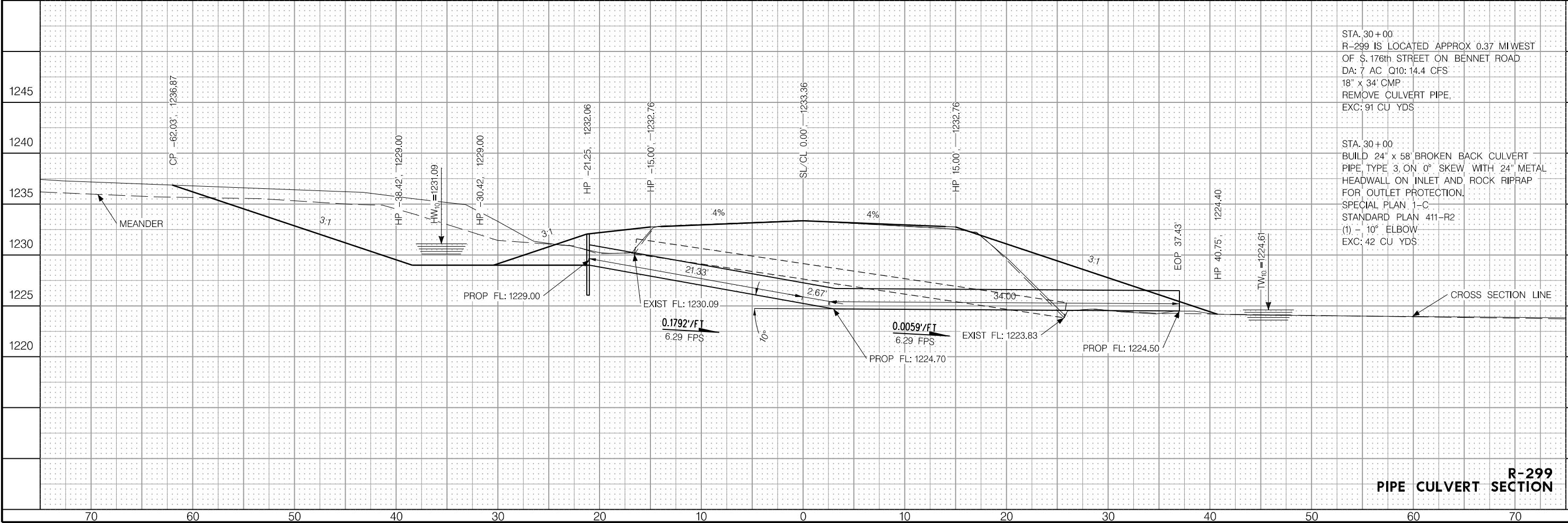
R-299
PLAN AND PROFILE

PROJ: R-299.dwg
PEN: ..\\ables\\Pen\\EW_PENTABLE.tbl
USER: CHENAB
DATE: 1/11/2024
DGN: ..\\Storm Drainage\\R-299SD00.DGN

LANCASTER C O U N T Y ENGINEERING	PROJECT NO.	SHEET NO.
	24-22	R-299 PG2
	Date: 10/2023	Drawn: NAB
	Horz. Scale: 1:10 Vert. Scale: 1:10	Checked: VPD Approved: JML



ROCK RIPRAP
TYPE "B"



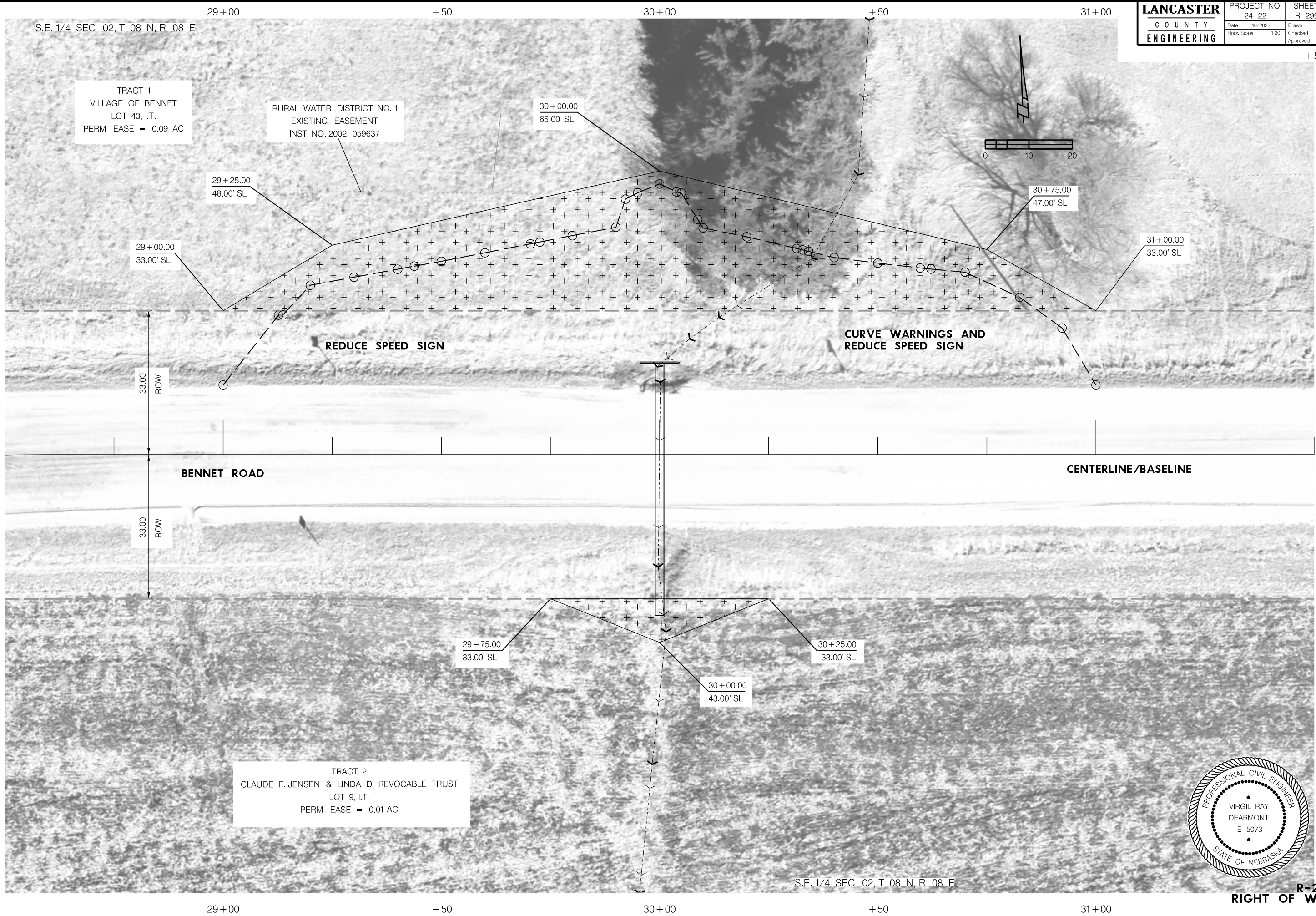
STA. 30+00
R-299 IS LOCATED APPROX 0.37 MI WEST
OF S. 176th STREET ON BENNET ROAD
DA: 7 AC Q10: 14.4 CFS
18" x 34' CMP
REMOVE CULVERT PIPE,
EXC: 91 CU YDS

STA. 30+00
BUILD 24" x 58' BROKEN BACK CULVERT
PIPE, TYPE 3, ON 0° SKEW WITH 24" METAL
HEADWALL ON INLET AND ROCK RIPRAP
FOR OUTLET PROTECTION.
SPECIAL PLAN 1-C
STANDARD PLAN 411-R2
(1) - 10° ELBOW
EXC: 42 CU YDS

R-299
PIPE CULVERT SECTION

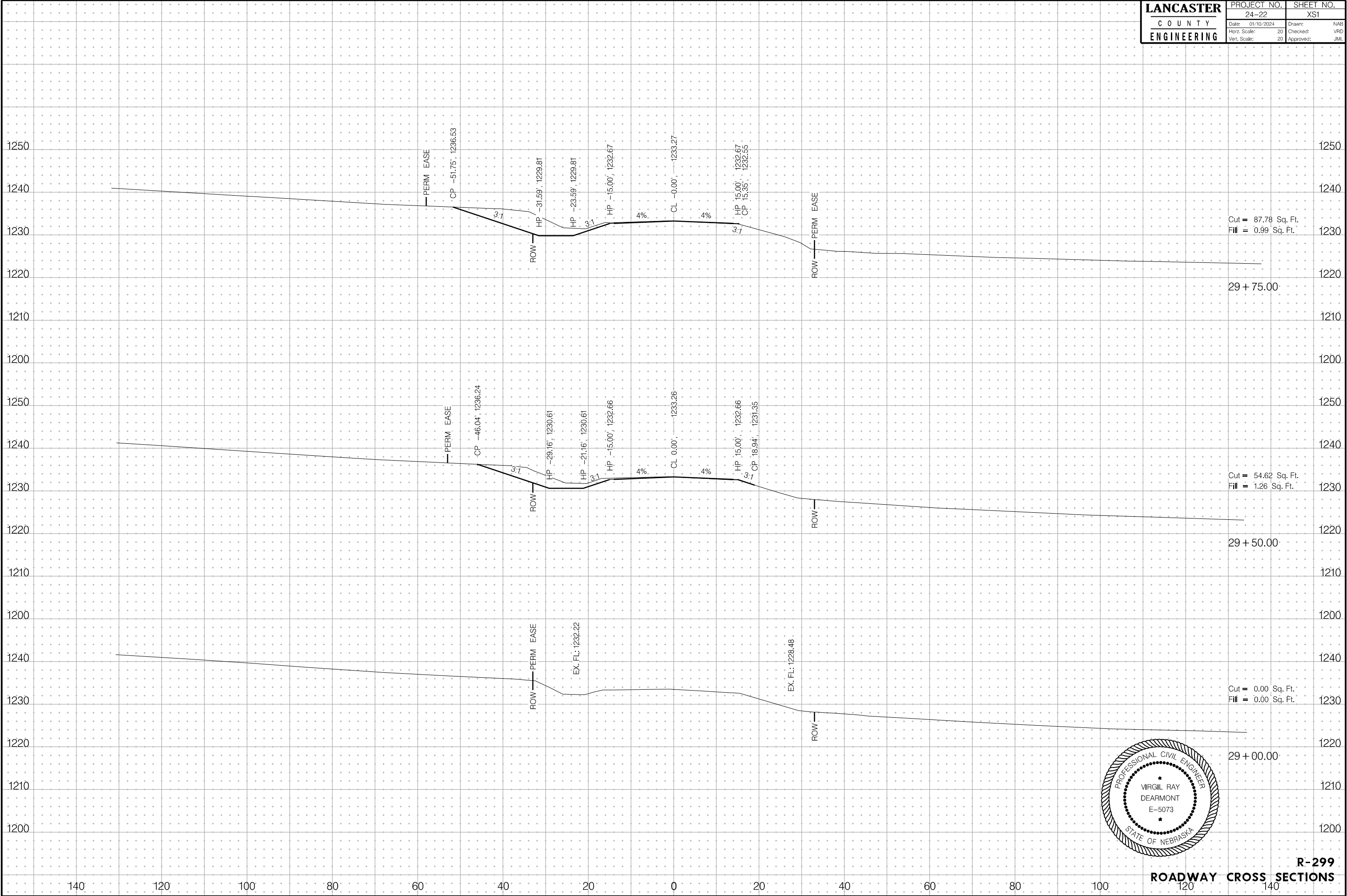
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PEN: ..\\tables\\Pen\\BW_PENTABLE.tbl
USER: CFENAB
DATE: 1/19/2024
DGN: ..\\Sheets\\ROW\\R-299RW01.DGN

LANCASTER	PROJECT NO.	SHEET NO.
C O U N T Y	24-22	R-299 PG3
ENGINEERING	Date: 10/2023 Horz. Scale: 1/20	Drawn: NAB Checked: VRD Approved: JML



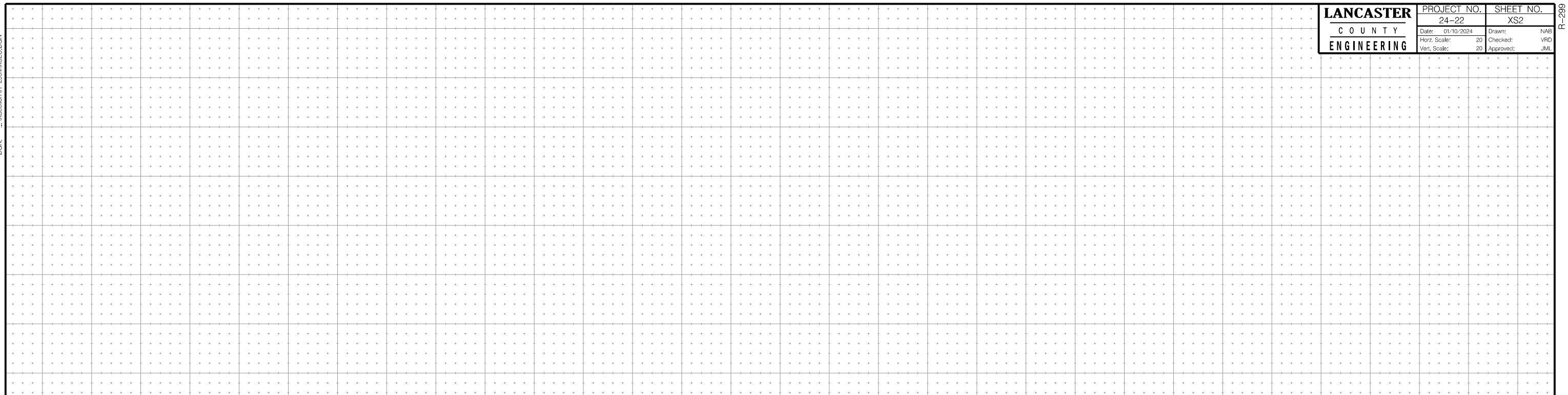
PROJ: R-299.dwg
PEN: ..\\tables\\Pen\\EW_PENTABLE.tbl
USER: CFENAB
DATE: 1/10/2024
DGN: ..\\XSection\\R-299\\In\\SEC.DGN

LANCASTER C O U N T Y ENGINEERING	PROJECT NO.	SHEET NO.
	24-22	XS1
	Date: 01/10/2024 Horz. Scale: 20 Vert. Scale: 20	Drawn: NAB Checked: VPD Approved: JML



STA. 29+00.00 TO STA. 29+75.00

R-299
ROADWAY CROSS SECTIONS



A circular professional engineer seal for the State of Nebraska. The outer ring contains the text "PROFESSIONAL CIVIL ENGINEER" at the top and "STATE OF NEBRASKA" at the bottom, separated by two stars. The inner circle contains the name "VIRGIL RAY DEARMONT" and the license number "E-5073", also separated by two stars.

Cut = 80.65 Sq. Ft. +
Fill = 2.15 Sq. Ft. + +

Cut = 140.41 Sq. Ft.
Fill = 68.88 Sq. Ft.

 $30 + 25.00$

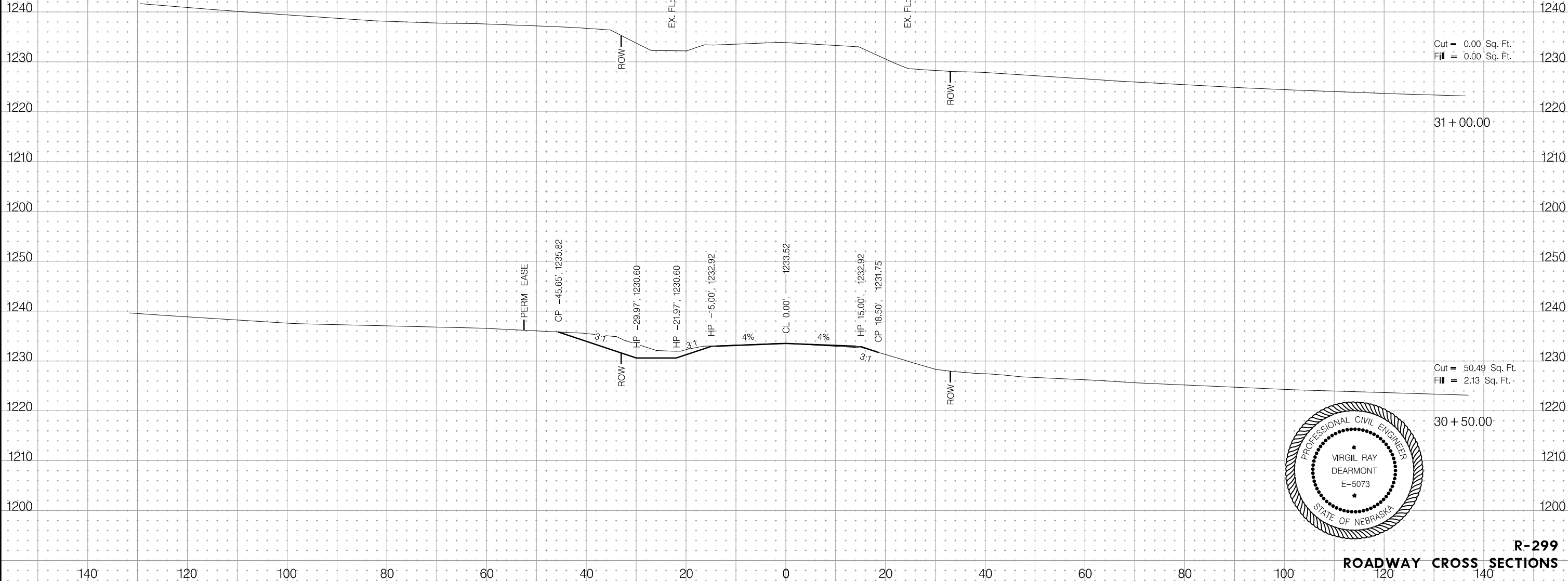
30 + 00.00

R-299
CTIONS

STA. 30+00.00 TO STA. 30+25.00

PROJ: R-299.dwg
PEN: ..\\ables\\Pen\\EW_PENTABLE.tbl
USER: CFENAB
DATE: 1/10/2024
DGN: ..\\Section\\R-299\\In\\SEC.DGN

LANCASTER C O U N T Y ENGINEERING	PROJECT NO.	SHEET NO.
	24-22	XS3
	Date: 01/10/2024	Drawn: NAB
	Horz. Scale: 20	Checked: VPD
	Vert. Scale: 20	Approved: JML



R-299

STA. 30+50.00 TO STA. 31+00.00

R-299