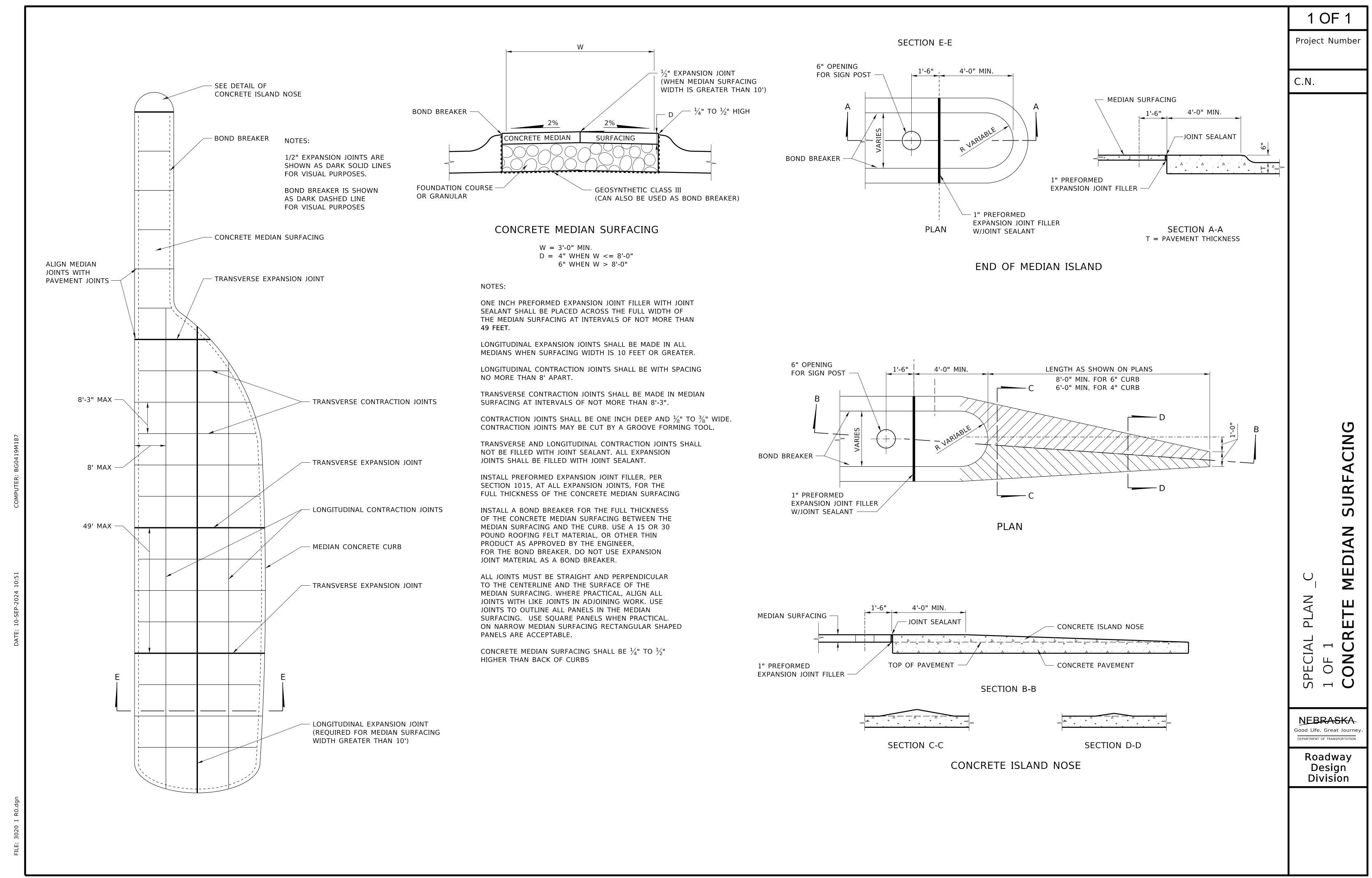
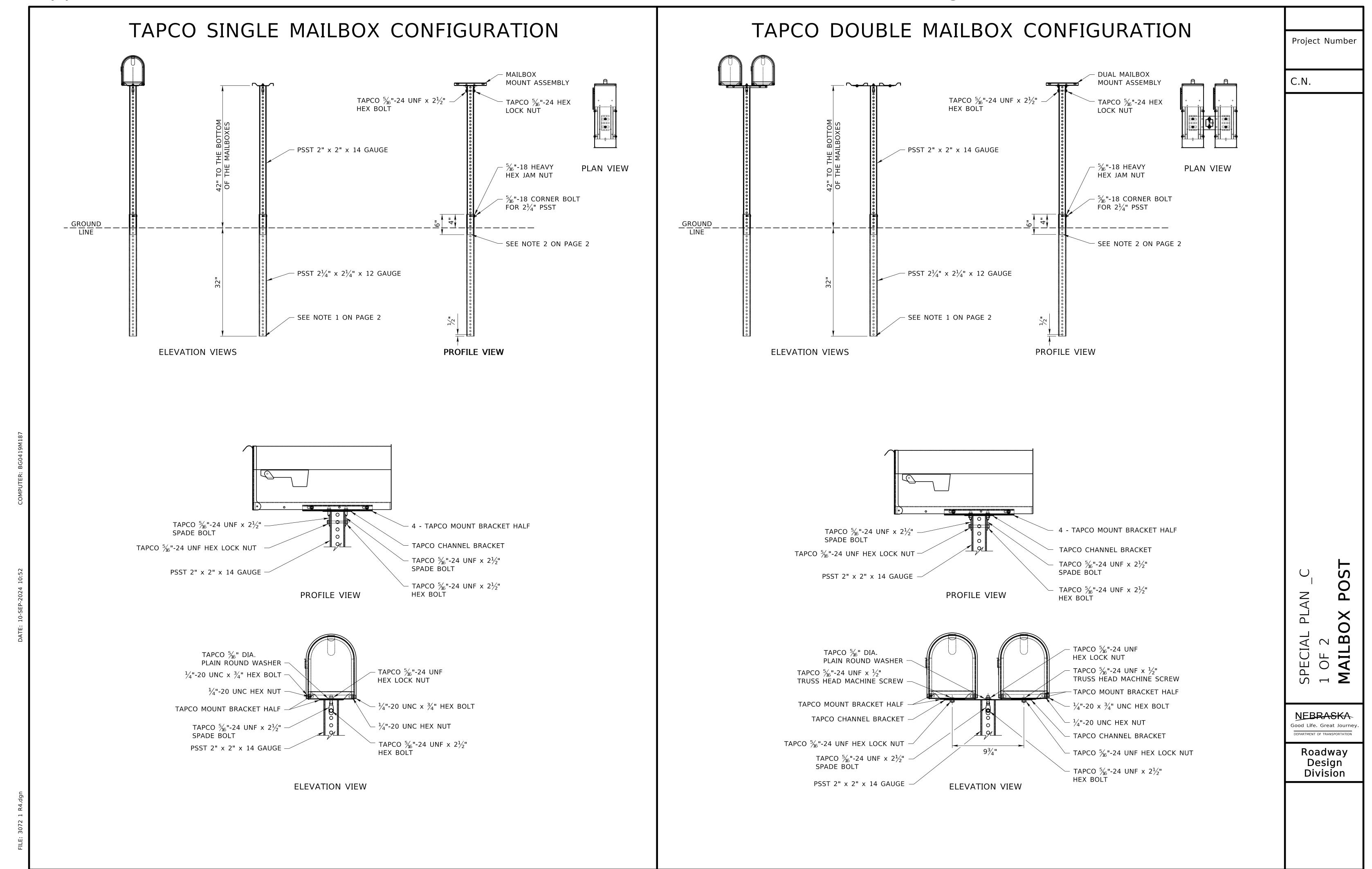
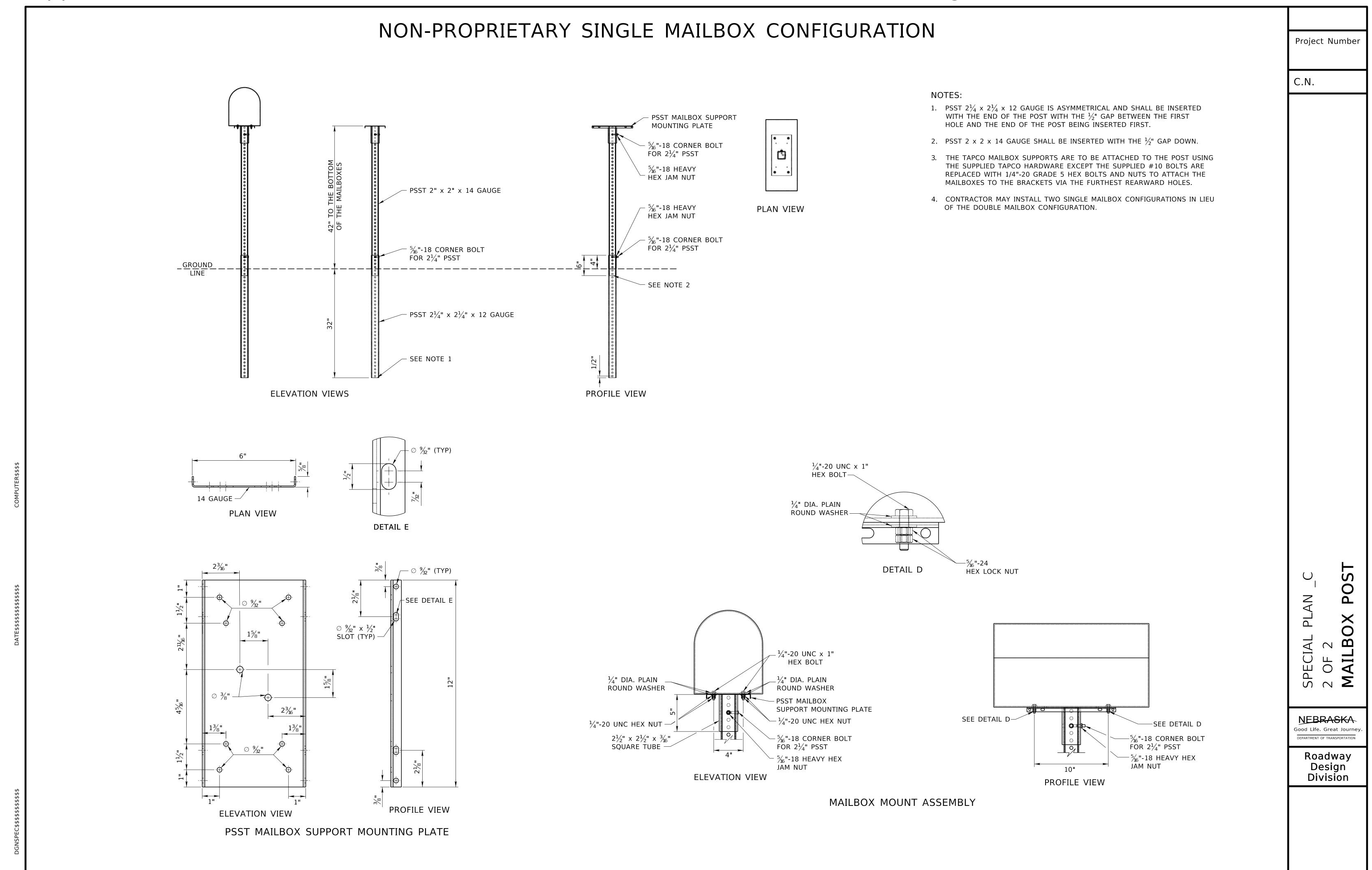
Special Plans Table of Contents

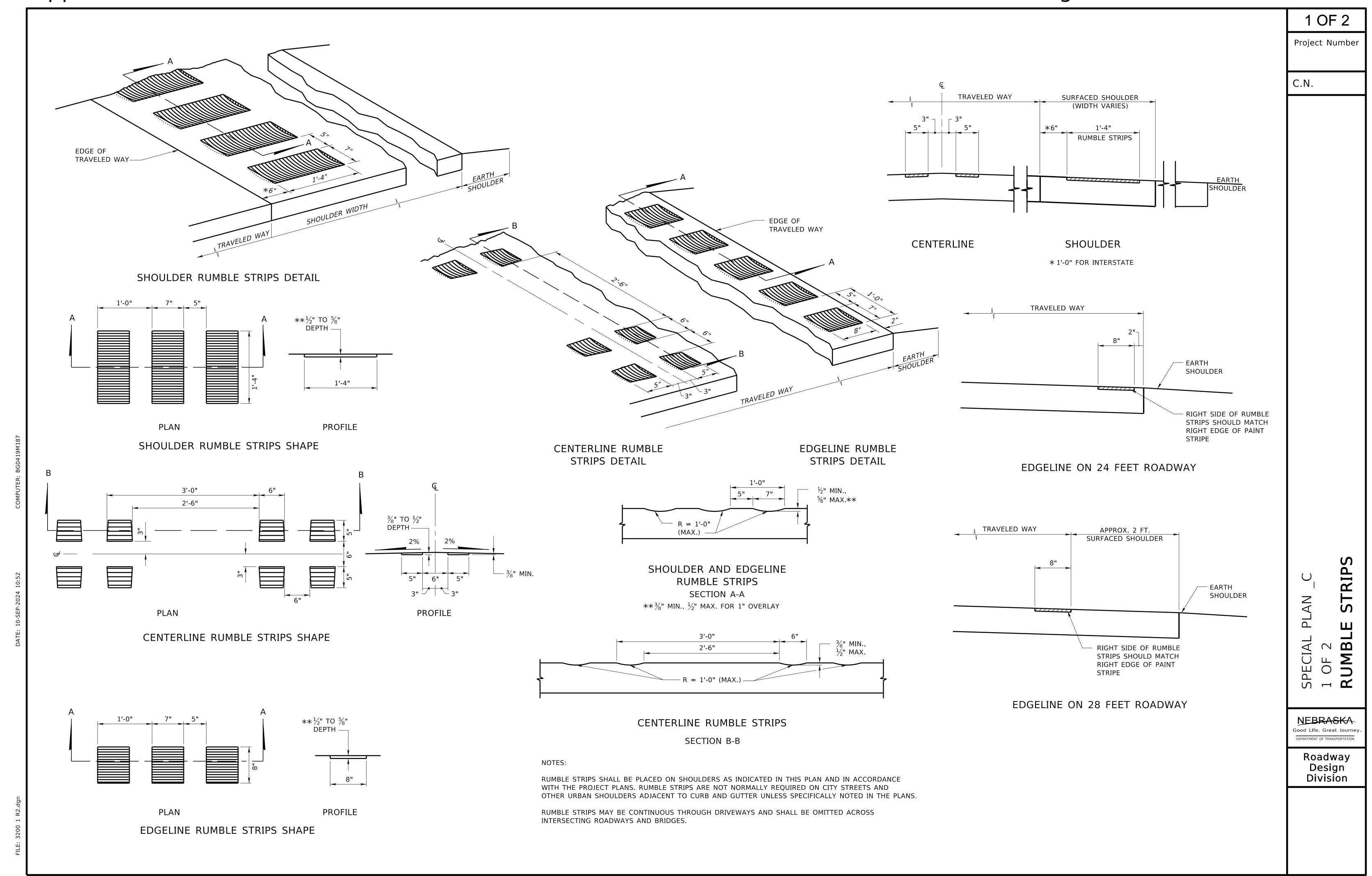
August 1, 2025

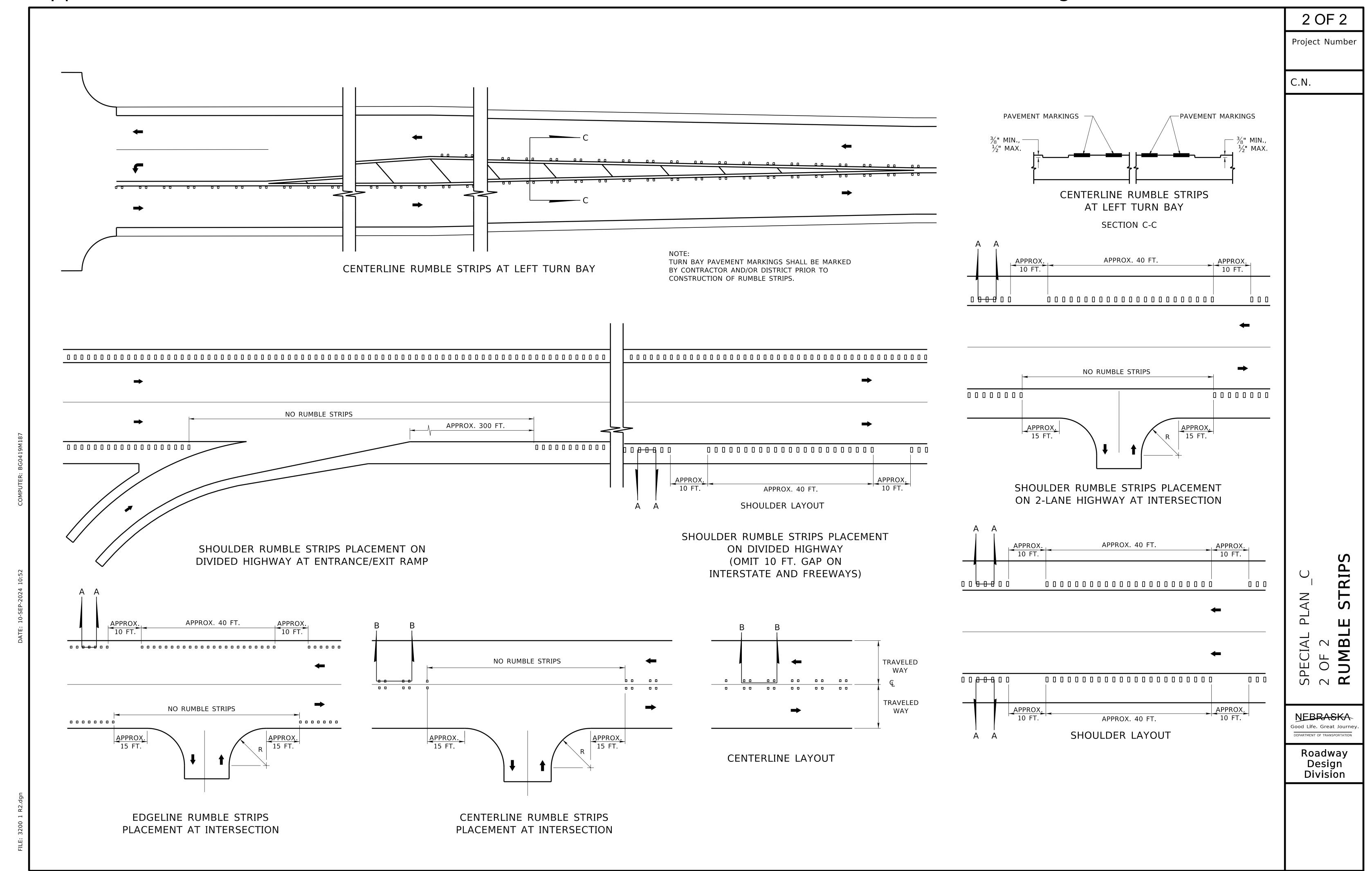
Plan No.	Title	Comments
3020 1 R0	Median Surfacing	
3072 1 R3	Mailbox Post	
3200 1 R2	Rumble Strips	
3300 1 R2	Less Than 8 Inch Concrete Pavement	
4120 1 R2	Safety Sloped End Sections Corrugated Metal and Concrete Pipe	
5102 1 R0	Inlet Protection	
5104 1 R0	Silt Checks All Types	
7300 1 R0	W-Beam Connect to Concrete Protection Barrier	
7380 1 R0	Modified Thrie-Beam End Shoe	AUG 2025 - New Plan
7390 1 R0	Bridge Approach Section 31" to Existing	
7490 1 R0	Weak Post Guardrail - 31"	











NO. 5 x 1'-6" TIE BARS (TIE BAR SPACING SHOWN ELSEWHERE ON PLANS) TO BE DRILLED AND EPOXIED INTO EXISTING SLAB

LONGITUDINAL CONSTRUCTION JOINT

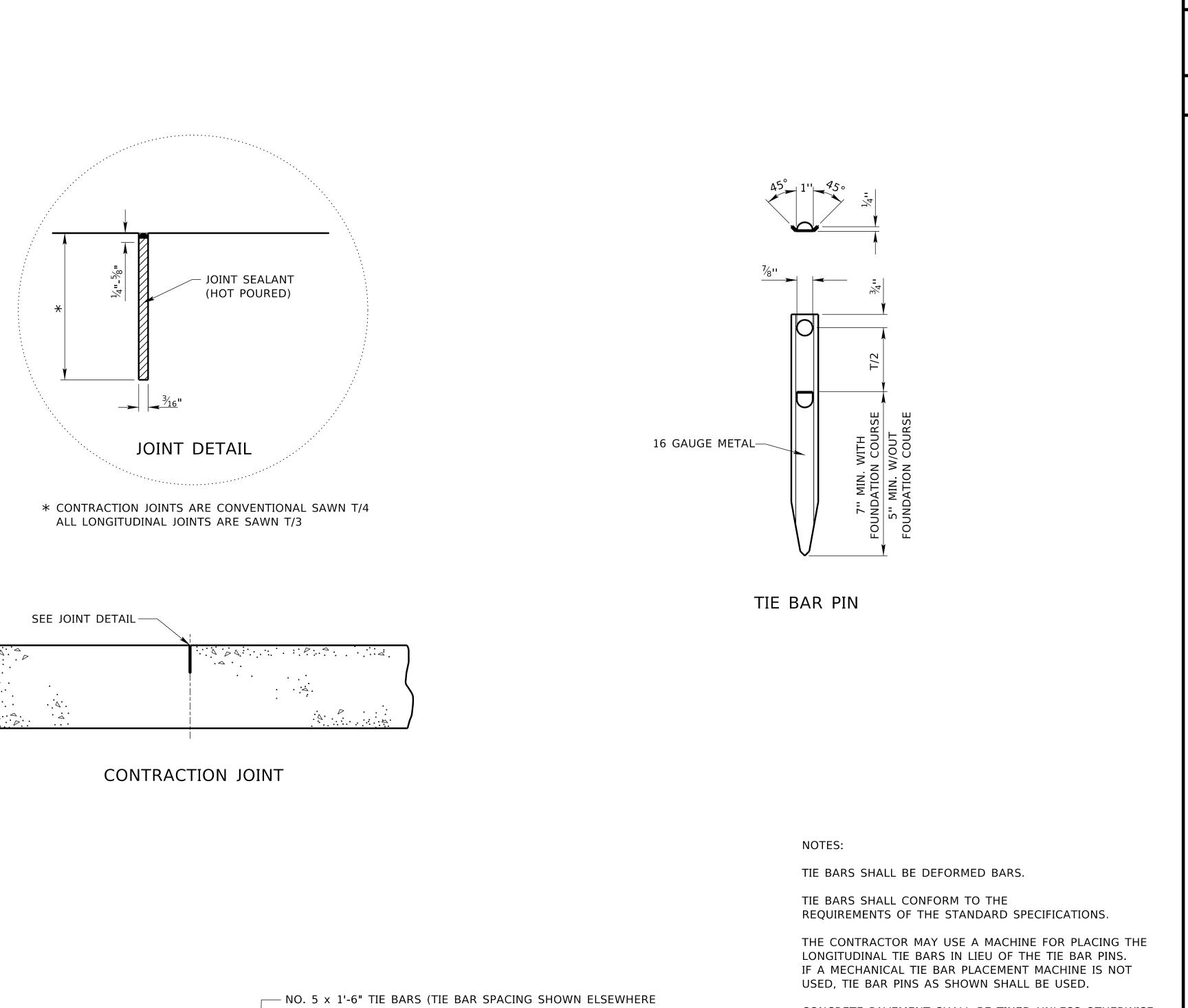
TRANSVERSE CONSTRUCTION JOINT

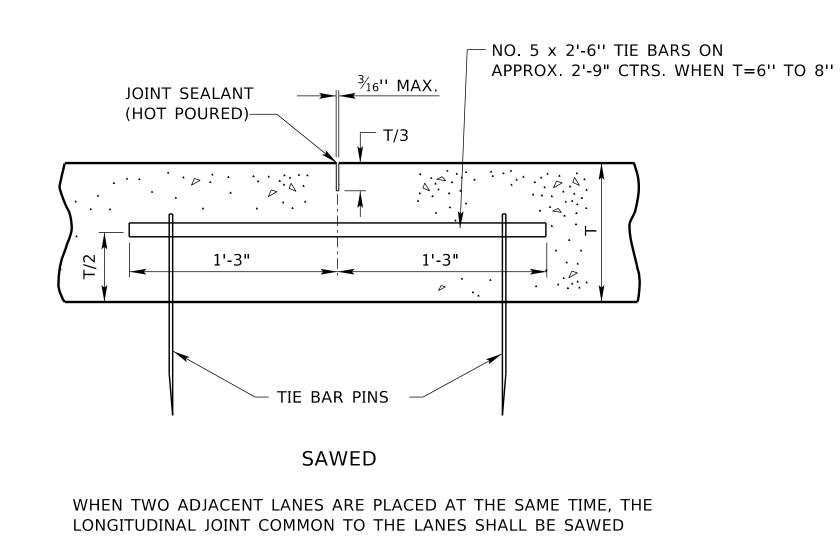
SEE JOINT DETAIL-

NO. 5 x 1'-6" TIE BARS ON APPROX. 1'-0" CTRS.

SEE JOINT DETAIL-

TO BE DRILLED AND EPOXIED INTO EXISTING SLAB -

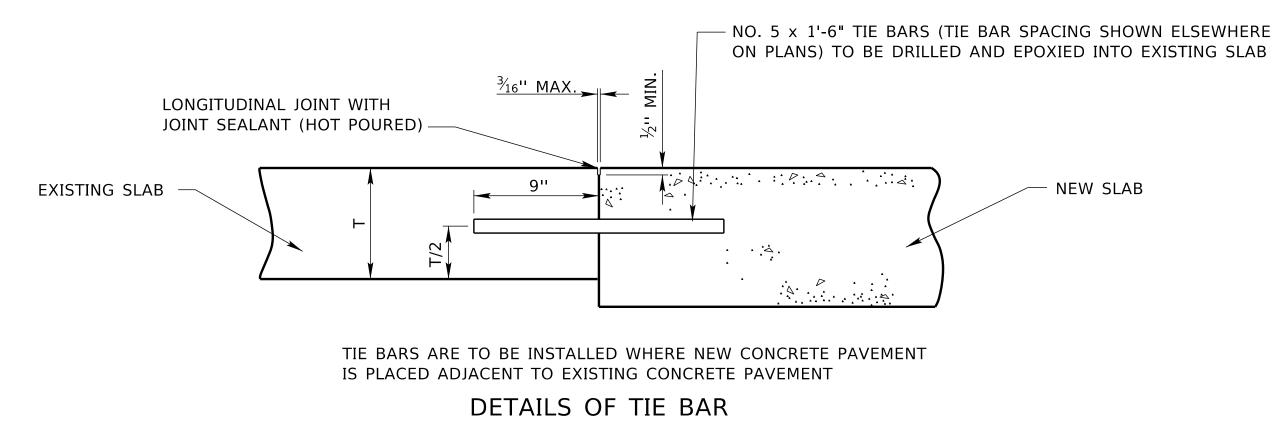




LONGITUDINAL JOINTS

NO TIE BARS SHALL BE CLOSER THAN 1'-3" TO A TRANSVERSE JOINT. ALL LONGITUDINAL JOINTS

BETWEEN LANES AND BETWEEN LANES AND SHOULDERS MUST BE TIED. MEDIAN SHOULD NOT BE TIED.



CONCRETE PAVEMENT SHALL BE TINED UNLESS OTHERWISE SHOWN IN THE PLANS. PAVEMENT PLACED ADJACENT TO R.R. TRACKS REQUIRES

3-EXPANSION JOINTS SPACED AT APPROX. 49'-6" INTERVALS.

EXPANSION JOINTS SHALL NOT BE SKEWED.

T= PAVEMENT THICKNESS

NEBRASKA Good Life. Great Journey DEPARTMENT OF TRANSPORTATION

1 OF 2

Project Number

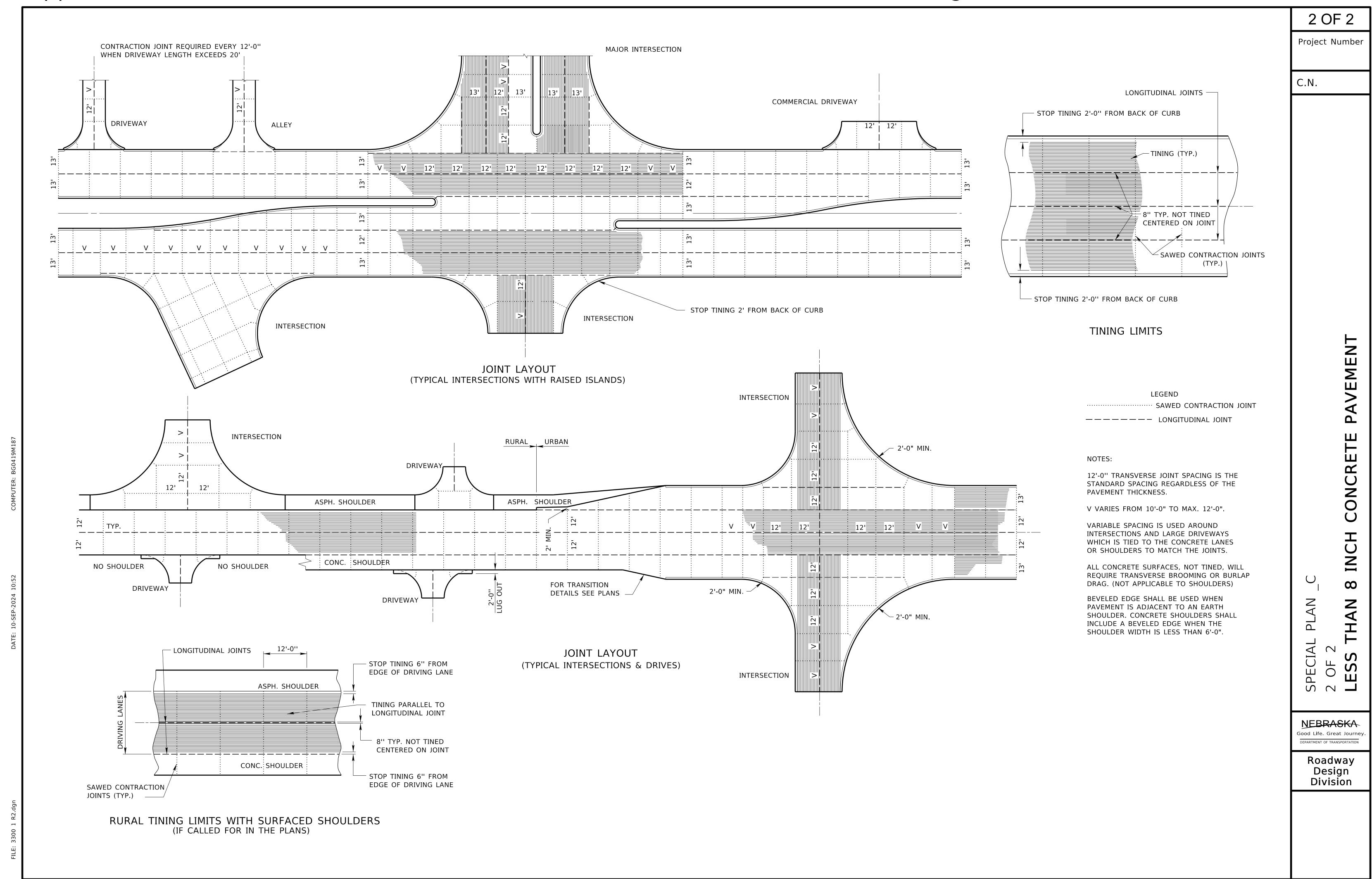
PAVEMENT

CONCR

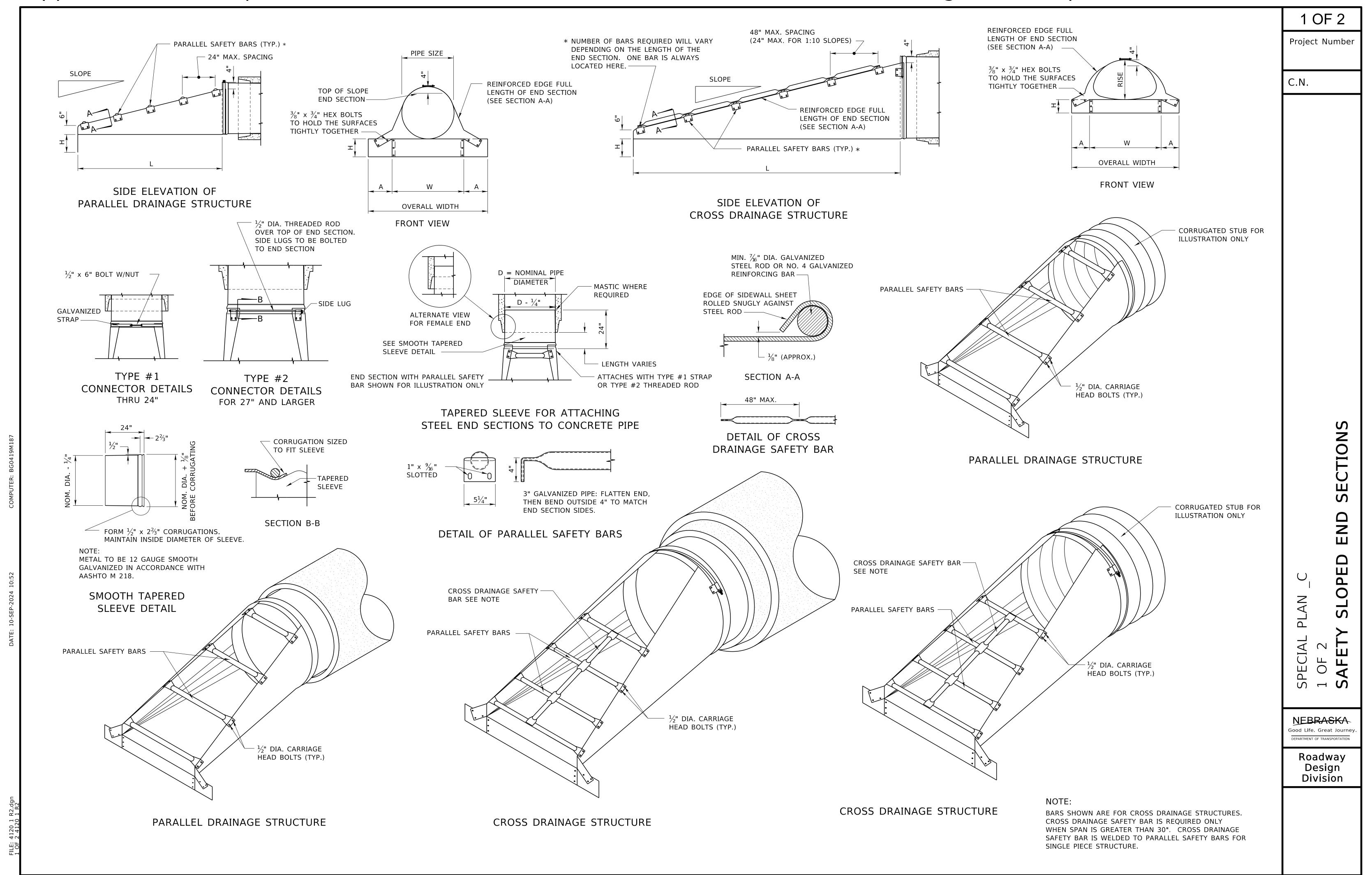
INCH

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Roadway Design Division



Effective Letting Date: Sept 16



Effective Letting Date: Sept 16

2 OF 2

Project Number

	METAL END SECTIONS FOR CONCRETE PIPE														
PIPE DIA. (IN.)	MIN.		DIMEN	ISIONS	5 (IN.)	L DIMENSIONS									
	IN.	GAUGE	А	Н	W	OVERALL WIDTH	SLOPE	LENGTH (IN.)	SLOPE	LENGTH (IN.)					
15	.064	16	8	6	21	37	1:4	20	1:6	30					
18	.064	16	8	6	24	40	1:4	32	1:6	48					
24	.064	16	8	6	30	46	1:4	56	1:6	84					
30	.109	12	12	9	36	60	1:4	80	1:6	120					
36	.109	12	12	9	42	66	1:4	104	1:6	156					
42	.109	12	12	12	48	80	1:4	128	1:6	192					
48	.109	12	12	12	54	86	1:4	152	1:6	228					
54	.109	12	12	12	30	92	1:4	176	1:6	264					
60	109	12	12	12	66	98	1 ⋅ Δ	200	1.6	300					

	METAL END SECTIONS FOR ELLIPTICAL PIPE														
EQUIV.	CDAN	DICE	MIN.	ТНІСК.	DIMENSIONS (IN.)					L DIMENSIONS					
DIA. (IN.)	SPAN (IN.)	RISE (IN.)	IN.	GAUGE	А	Н	W	OVERALL WIDTH	SLOPE	LENGTH (IN.)	SLOPE	LENGTH (IN.)			
18	23	14	.064	16	8	6	29	45	1:4	16	1:6	24			
24	30	19	.064	16	8	6	36	52	1:4	36	1:6	54			
30	38	24	.079	14	12	9	44	68	1:4	56	1:6	84			
36	45	29	.109	12	16	12	51	83	1:4	76	1:6	114			
42	53	34	.109	12	16	12	59	91	1:4	96	1:6	144			
48	60	38	.109	12	16	12	66	98	1:4	112	1:6	168			
54	68	43	.109	12	16	12	74	106	1:4	132	1:6	198			
60	76	48	.109	12	16	12	80	112	1:4	152	1:6	228			

	METAL END SECTIONS FOR CIRCULAR PIPE														
PIPE	MIN.		DIMEN	ISIONS	5 (IN.)	L DIMENSIONS									
DIA. (IN.)	IN.	GAUGE	А	Н	W	OVERALL WIDTH	SLOPE	LENGTH (IN.)	SLOPE	LENGTH (IN.)					
15	.064	16	8	6	21	37	1:4	20	1:6	30					
18	.064	16	8	6	24	40	1:4	32	1:6	48					
24	.064	16	8	6	30	46	1:4	56	1:6	84					
30	.109	12	12	9	36	60	1:4	80	1:6	120					
36	.109	12	12	9	42	66	1:4	104	1:6	156					
42	.109	12	12	12	48	80	1:4	128	1:6	192					
48	.109	12	12	12	54	86	1:4	152	1:6	228					
54	.109	12	12	12 30		92	1:4	176	1:6	264					
60	.109	12	12	12	66	98	1:4	200	1:6	300					

	METAL END SECTIONS FOR ELLIPTICAL PIPE														
EQUIV.	CDAN	DICE	MIN.	THICK.		DIMEN	ISIONS	5 (IN.)		L DIME	NSIONS				
DIA. (IN.)	SPAN (IN.)	RISE (IN.)	IN.	GAUGE	А	Н	W	OVERALL WIDTH	SLOPE	LENGTH (IN.)	SLOPE	LENGTH (IN.)			
18	23	15	.064	16	8	6	27	43	1:4	20	1:6	30			
24	30	20	.064	16	16 8		34	50	1:4	40	1:6	60			
30	38	24	.079	14	12	9	41	65	1:4	56	1:6	84			
36	45	29	.109	12	16	9	48	72	1:4	76	1:6	114			
42	53	33	.109	12	16	12	55	87	1:4	92	1:6	138			
48	60	38	.109	12	16	12	63	95	1:4	112	1:6	168			
54	68	43	.109	12	16	12	70	102	1:4	132	1:6	198			
60	76	47	.109	12	16	12	77	109	1:4	148	1:6	222			
72	83	57	.109	12	16	12	89	121	1:4	188	1:6	282			

	VΙ	ETAL I	TAL END SECTIONS FOR CIRCULAR PIPE												
PIPE		MIN.	ГНІСК.		DIMEN	ISIONS	5 (IN.)	L DIMENSIONS							
DIA. (IN.)		IN.	GAUGE	А	Н	W	OVERALL WIDTH	SLOPE	LENGTH (IN.)						
15		.109	12	8	6	21	37	1:10	70						
18		.109	12	8	6	24	40	1:10	100						
24		.109	12	8	6	30	46	1:10	160						

ı														
	METAL END SECTIONS FOR ARCHED PIPE													
	EQUIV.	CDAN	DICE	MIN.	ГНІСК.		DIMEN	ISIONS	5 (IN.)	L DIMI	L DIMENSIONS			
	DIA. (IN.)	SPAN (IN.)	RISE (IN.)	IN.	GAUGE	А	Η	W	OVERALL WIDTH	SLOPE	LENGTH (IN.)			
	18	21	15	.109	12	8	6	27	43	1:10	70			
	24	28	20	.109	12	8	6	34	50	1:10	120			

NOTES:

GALVANIZED STEEL SHALL MEET AASHTO SPECIFICATIONS.

CONNECTORS:

ROUND SIZES THRU 24" ATTACH TO PIPE WITH TYPE #1 STRAPS. ALL OTHER SIZES ATTACH WITH TYPE #2 RODS AND LUGS.

TOE PLATE EXTENSIONS:

WHEN REQUIRED, TOE PLATE EXTENSIONS ARE TO BE THE SAME GAUGE AS END SECTION. DIMENSIONS SHALL BE OVERALL WIDTH LESS 6 INCHES BY 8 INCHES

SAFETY BARS:

SAFETY BARS SHALL BE SCHEDULE 40 GALVANIZED STEEL PIPE. PIPE TO BE GALVANIZED AFTER FORMING.

MISCELLANEOUS DETAILS:

SLOTTED HOLES FOR SAFETY BAR ATTACHMENT SHALL BE PROVIDED FOR ALL END SECTIONS.

S 1

NEBRASKA.

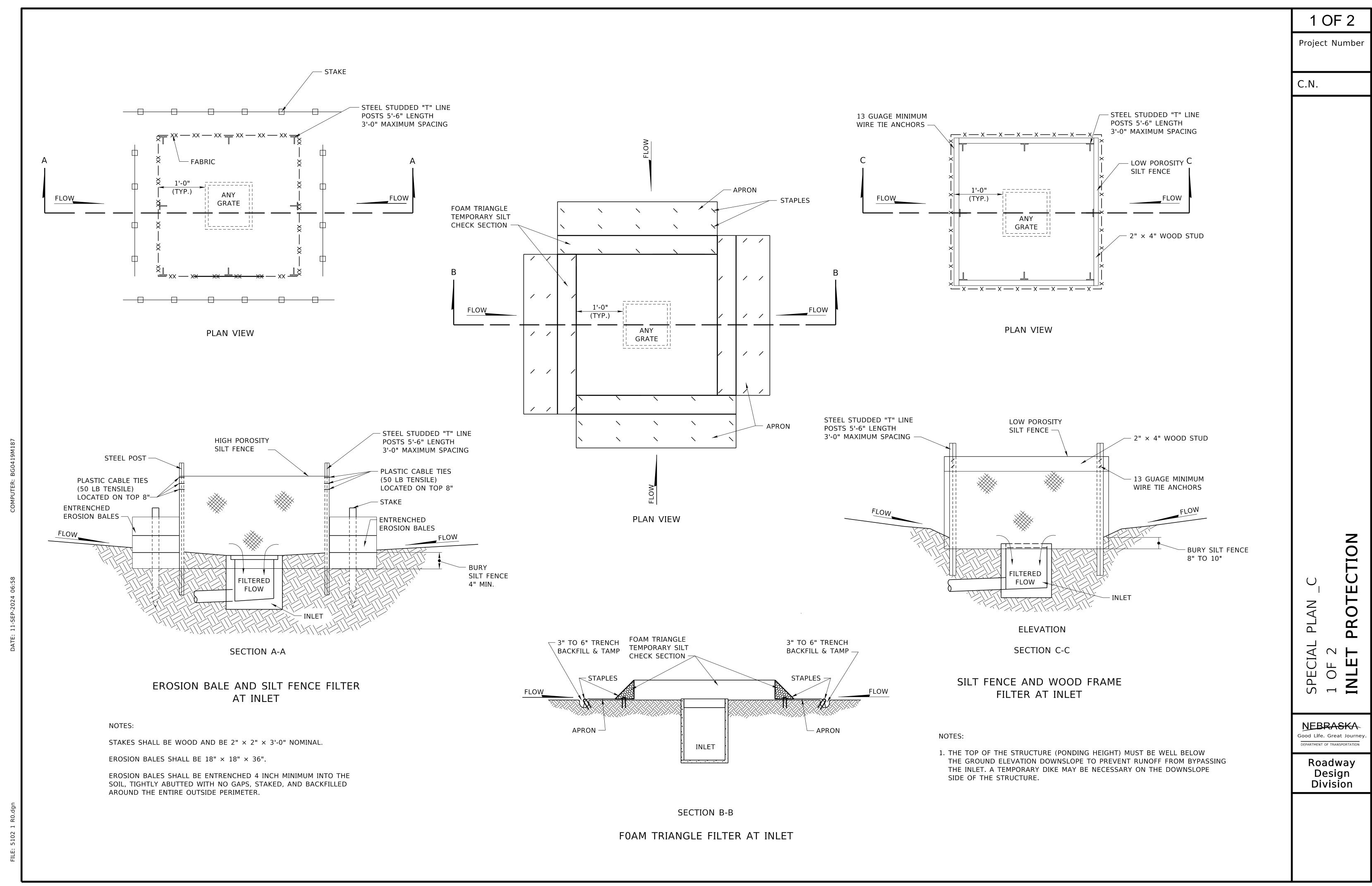
Good Life. Great Journey.

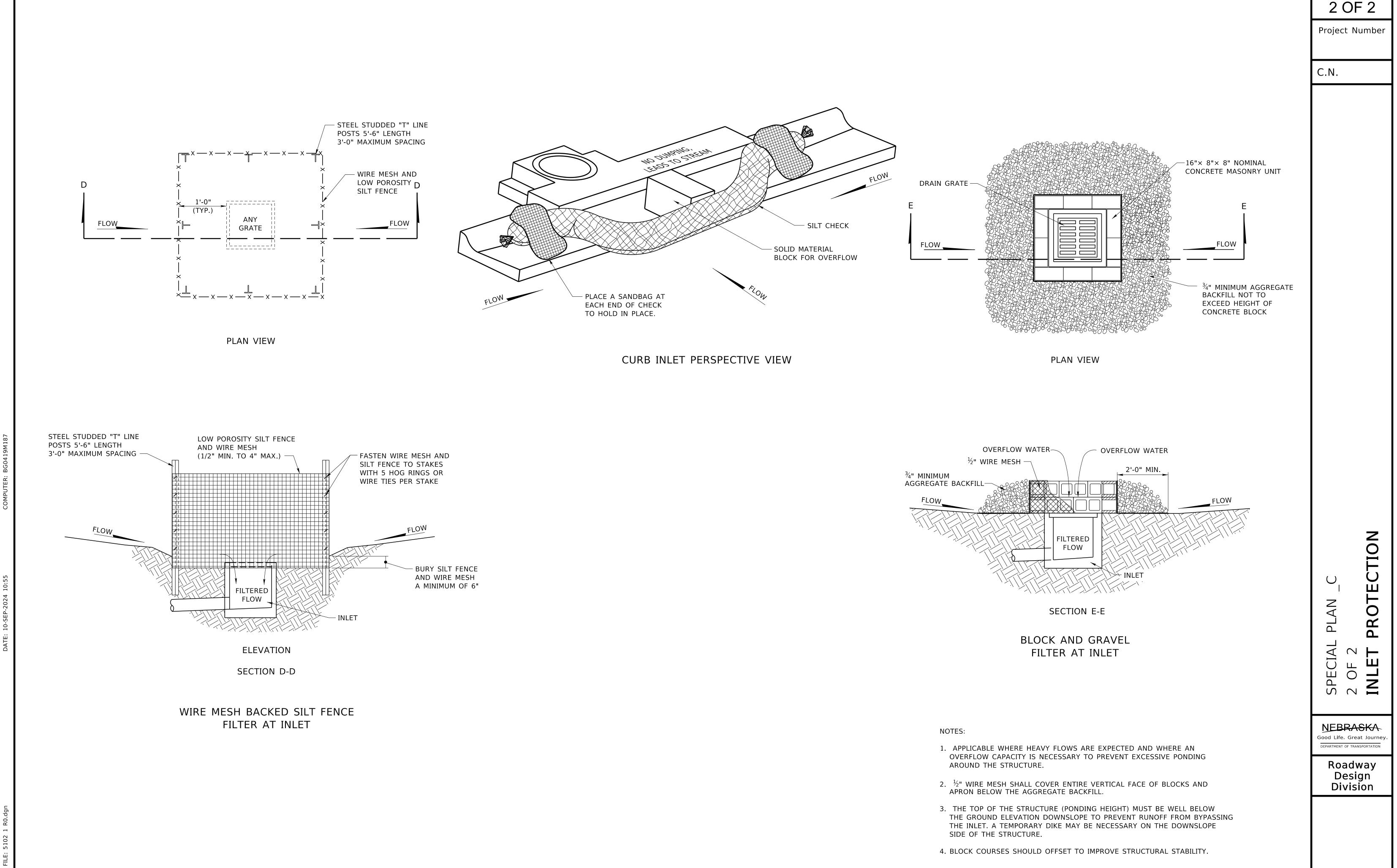
DEPARTMENT OF TRANSPORTATION

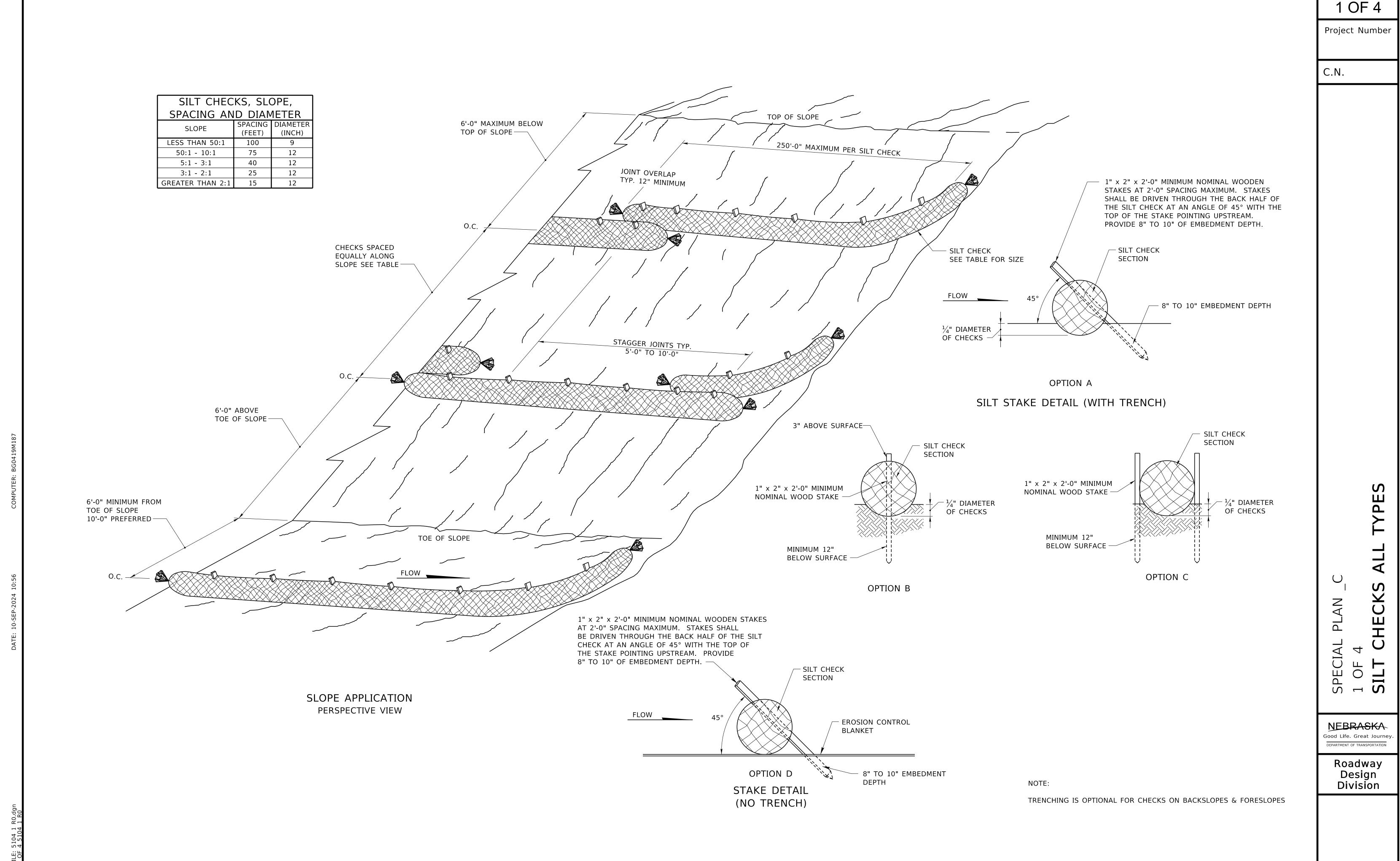
Roadway Design

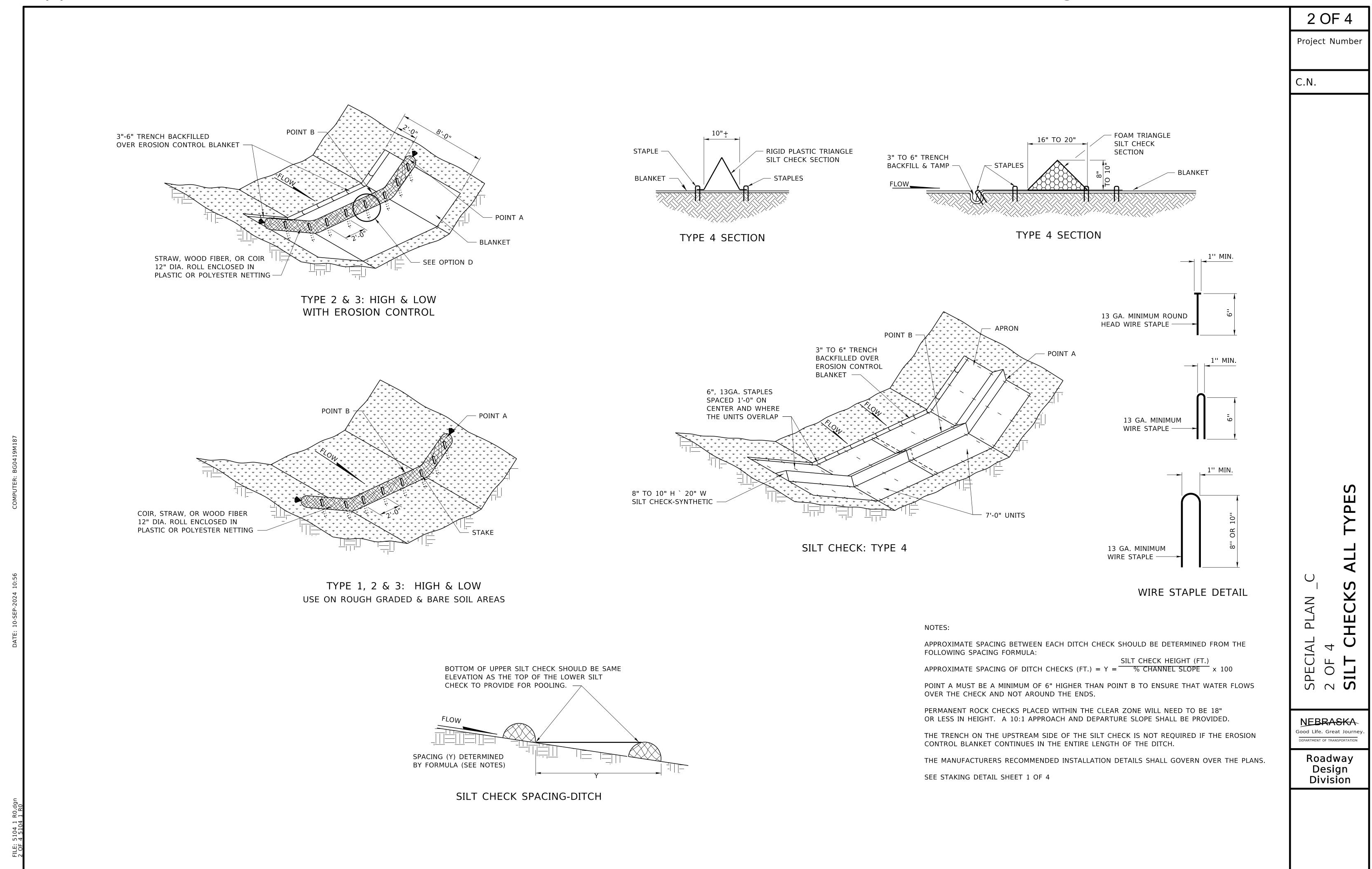
Division

Approved Date: JUL 13 Effective Letting Date: APR 14







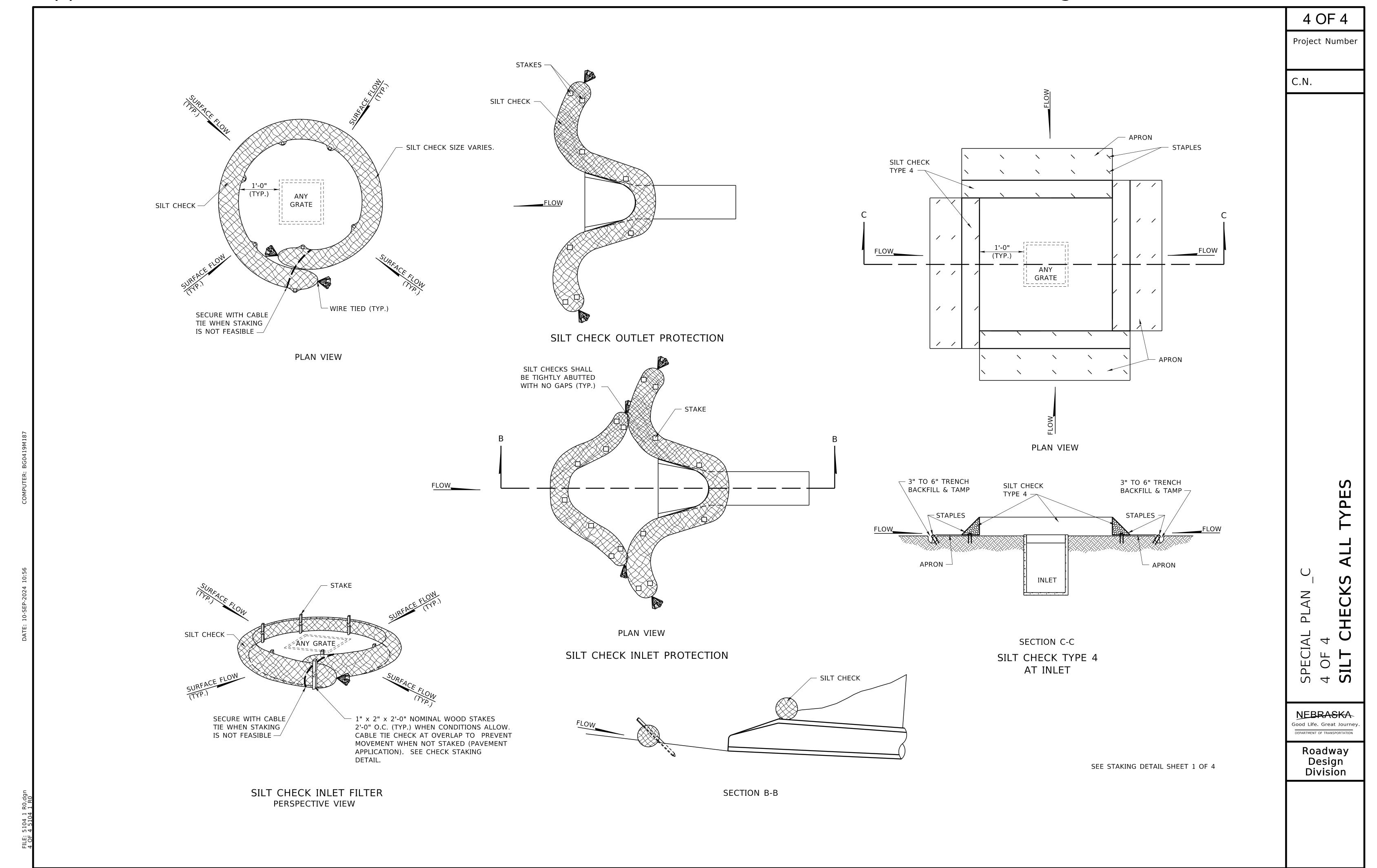


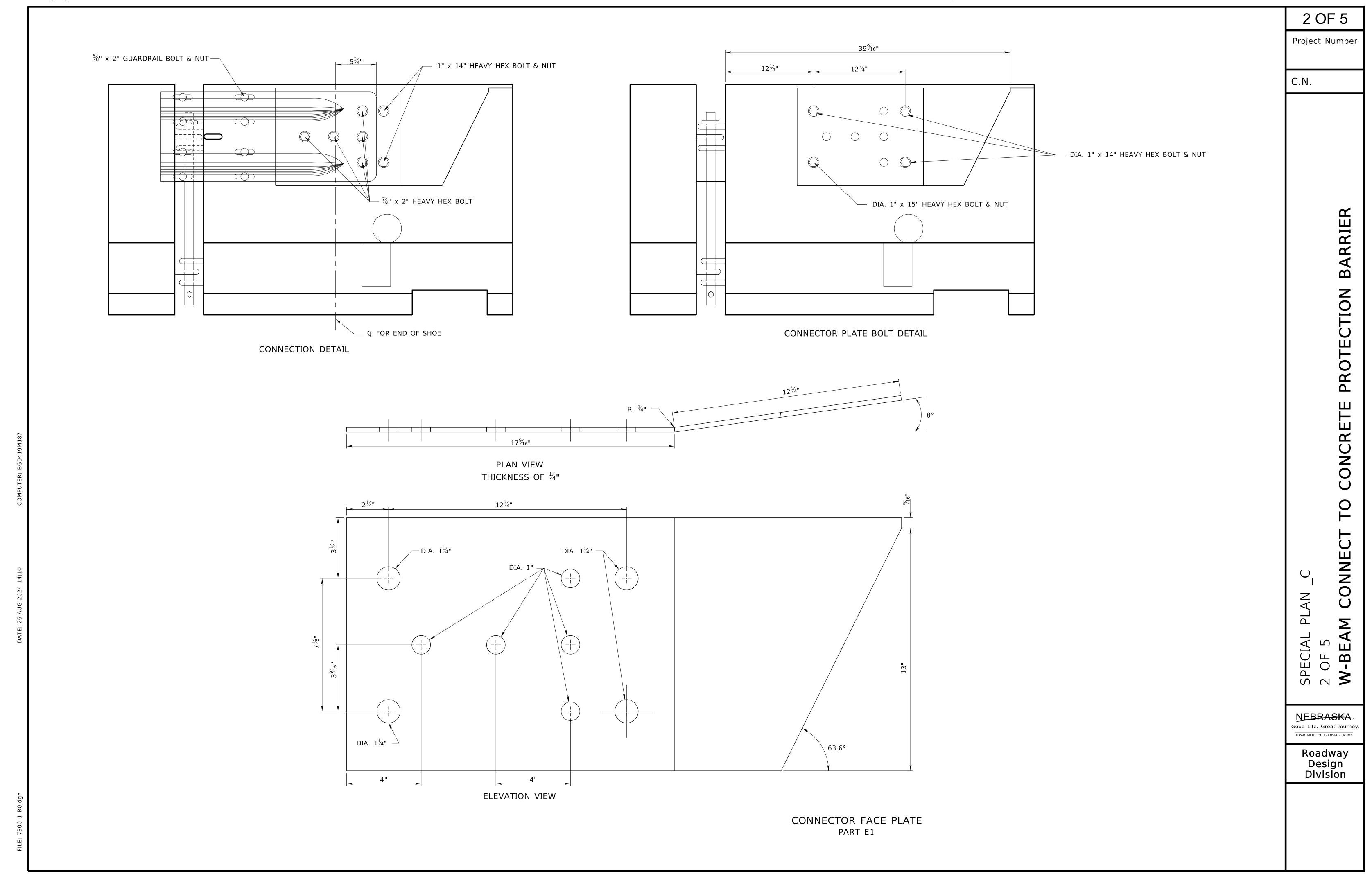
EXCAVATED TO THE WIDTH OF THE DITCH AND

SECTION A-A

NO DIRECT PAYMENT WILL BE MADE.

Division





BACK ELEVATION VIEW

CONNECTOR PLATE WELD DETAIL

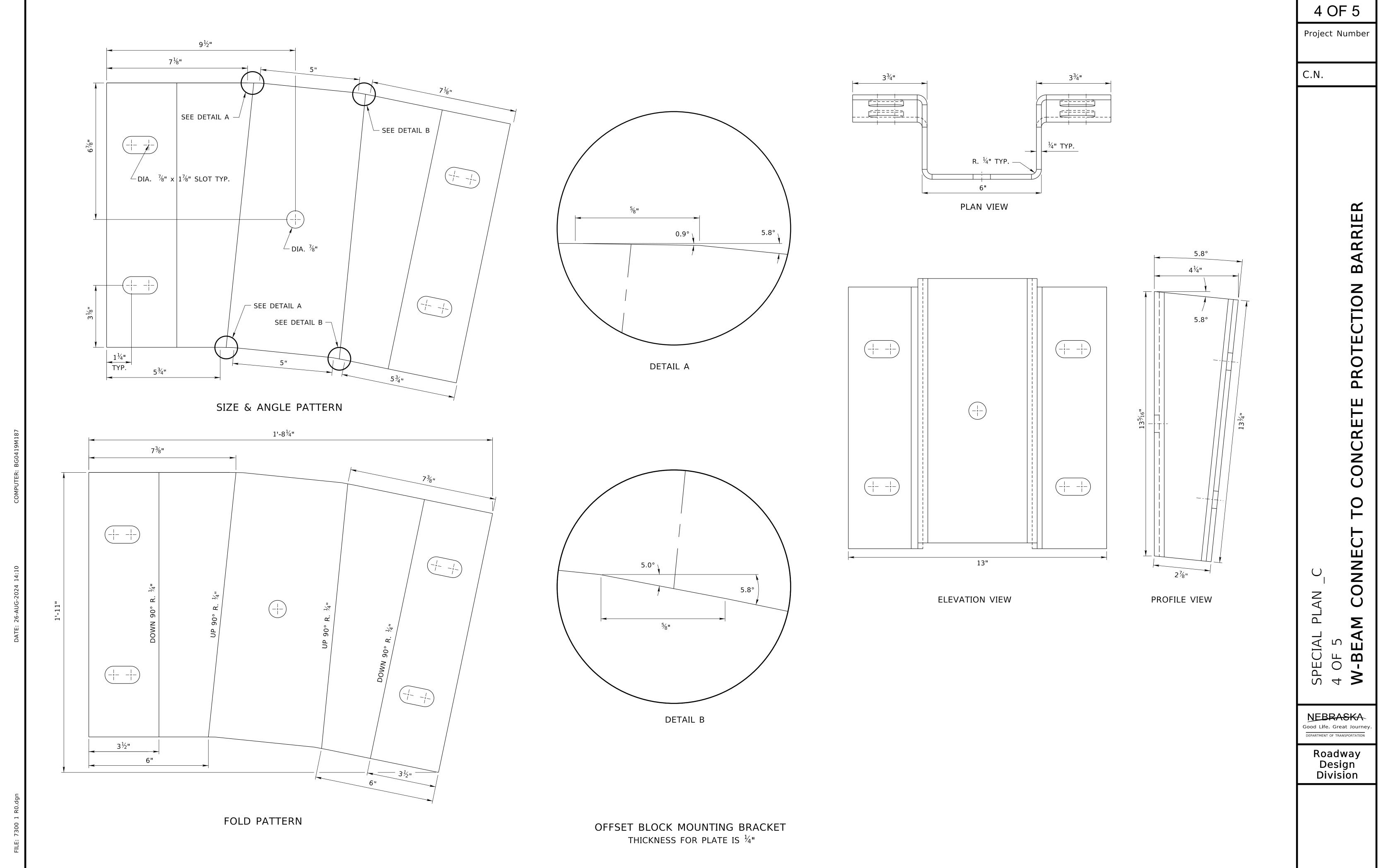
PROFILE VIEW

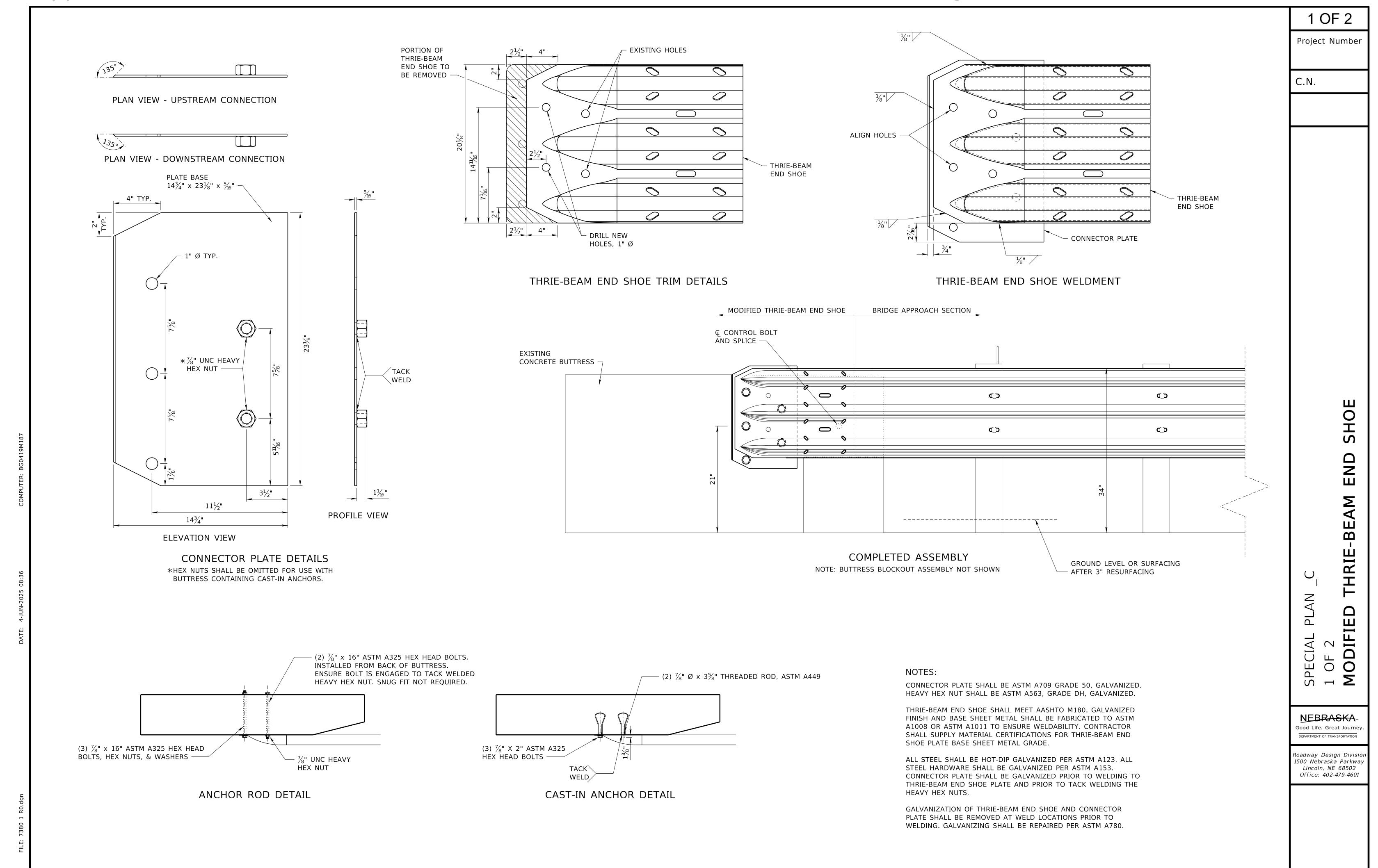
2½"

12³⁄4"

BACK ELEVATION VIEW

CONNECTOR PLATE DETAIL





Effective Letting Date: AUG 25

