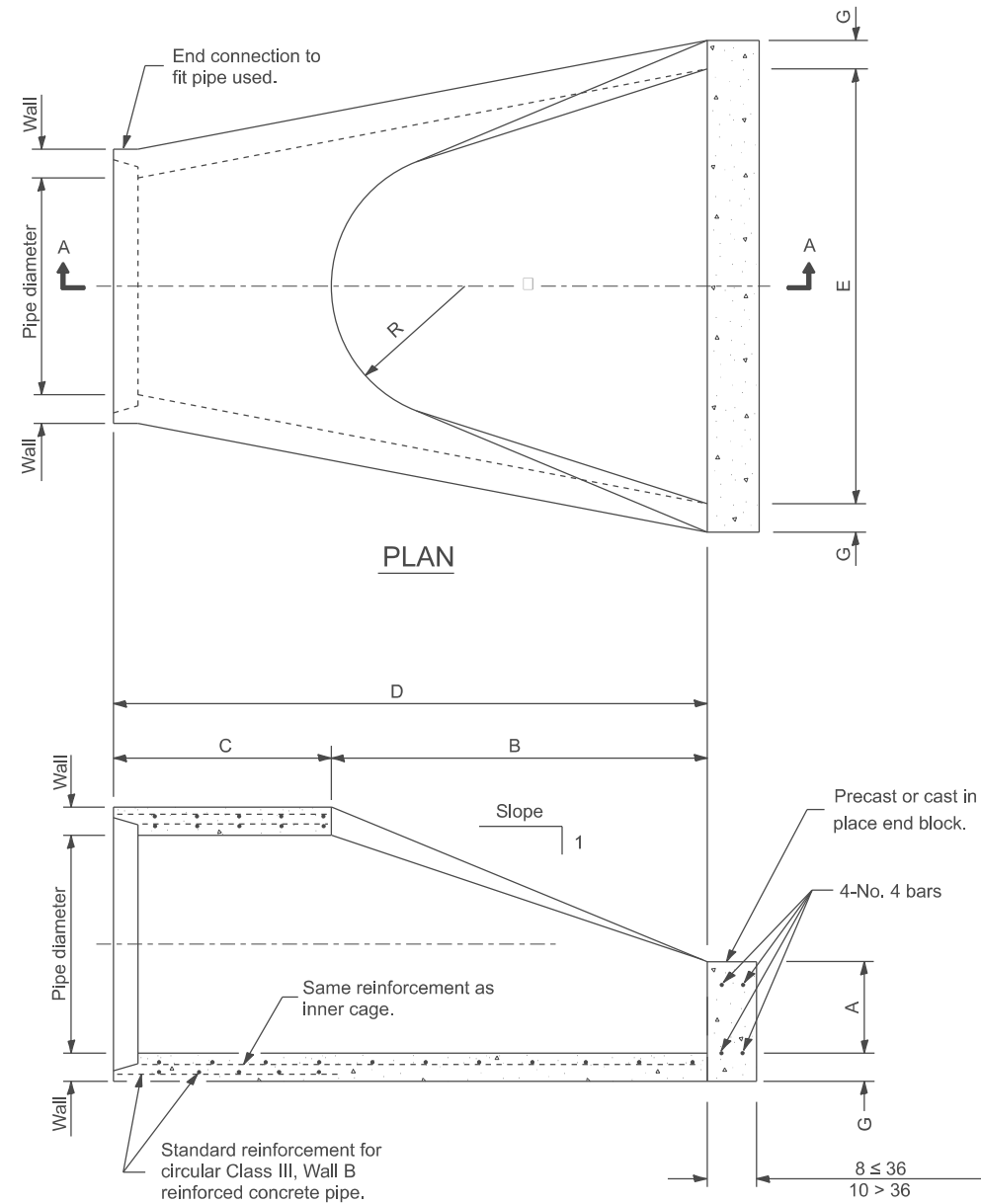
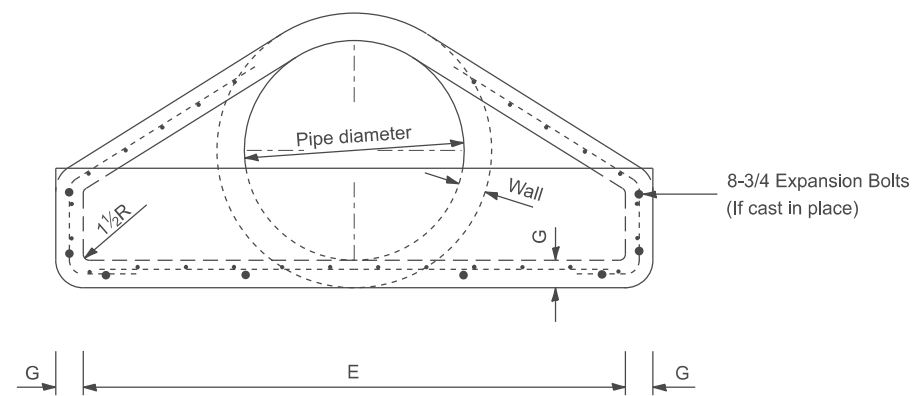


MODEL: SHT\_PLAN  
 FILE NAME: C:\Bentley\CONNECT10110\Organization\ChilIDOT\_Standards\CivilIDOT\_Sheets.cad



SECTION A-A



END VIEW

PIPE DIA.	APPROX. QTY. lbs	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
12	530	2	4	24	4'-0 <sup>7</sup> / <sub>8</sub> "	6'-0 <sup>7</sup> / <sub>8</sub> "	24	2	9	1:2.4
15	740	2 <sup>1</sup> / <sub>4</sub>	6	27	3'-10"	6'-1"	30	2 <sup>1</sup> / <sub>4</sub>	11	1:2.4
18	990	2 <sup>1</sup> / <sub>2</sub>	9	27	3'-10"	6'-1"	36	2 <sup>1</sup> / <sub>2</sub>	12	1:2.4
21	1280	2 <sup>3</sup> / <sub>4</sub>	9	35	38	6'-1"	3'-6"	2 <sup>3</sup> / <sub>4</sub>	13	1:2.4
24	1520	3	9 <sup>1</sup> / <sub>2</sub>	3'-7 <sup>1</sup> / <sub>2</sub> "	30	6'-1 <sup>1</sup> / <sub>2</sub> "	4'-0"	3	14	1:2.5
27	1930	3 <sup>1</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	4'-0"	25 <sup>1</sup> / <sub>2</sub>	6'-1 <sup>1</sup> / <sub>2</sub> "	4'-6"	3 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	1:2.4
30	2190	3 <sup>1</sup> / <sub>2</sub>	12	4'-6"	19 <sup>3</sup> / <sub>4</sub>	6'-1 <sup>3</sup> / <sub>4</sub> "	5'-0"	3 <sup>1</sup> / <sub>2</sub>	15	1:2.5
33	3200	3 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>2</sub>	4'-10 <sup>1</sup> / <sub>2</sub> "	39 <sup>1</sup> / <sub>4</sub>	8'-1 <sup>3</sup> / <sub>4</sub> "	5'-6"	3 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>2</sub>	1:2.5
36	4100	4	15	5'-3"	34 <sup>3</sup> / <sub>4</sub>	8'-1 <sup>3</sup> / <sub>4</sub> "	6'-0"	4	20	1:2.5
42	5380	4 <sup>1</sup> / <sub>2</sub>	21	5'-3"	35	8'-2"	6'-6"	4 <sup>1</sup> / <sub>2</sub>	22	1:2.5
48	6550	5	24	6'-0"	26	8'-2"	7'-0"	5	22	1:2.5
54	8240	5 <sup>1</sup> / <sub>2</sub>	27	5'-5"	35	8'-4"	7'-6"	5 <sup>1</sup> / <sub>2</sub>	24	1:2.0
60	8730	6	35	5'-0"	39	8'-3"	8'-0"	5	*	1:1.9
66	10710	6 <sup>1</sup> / <sub>2</sub>	30	6'-0"	27	8'-3"	8'-6"	5 <sup>1</sup> / <sub>2</sub>	*	1:1.7
72	12520	7	36	6'-6"	21	8'-3"	9'-0"	6	*	1:1.8
78	14770	7 <sup>1</sup> / <sub>2</sub>	36	7'-6"	21	9'-3"	9'-6"	6 <sup>1</sup> / <sub>2</sub>	*	1:1.8
84	18160	8	36	7'-6 <sup>1</sup> / <sub>2</sub> "	21	9'-3 <sup>1</sup> / <sub>2</sub> "	10'-0"	6 <sup>1</sup> / <sub>2</sub>	*	1:1.6

\* Radius as furnished by manufacturer

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches unless otherwise noted.

USER NAME = Eric.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PRECAST REINFORCED CONCRETE FLARED DROP BOX END SECTION

SCALE: NOT TO SCALE SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DISTRICT 4 DETAIL NO. 542301		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				