



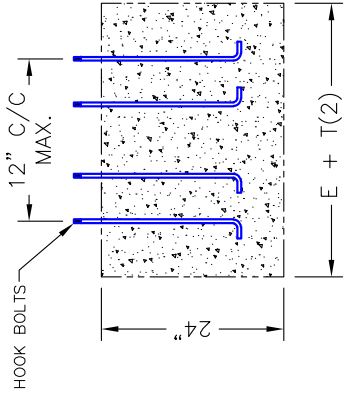
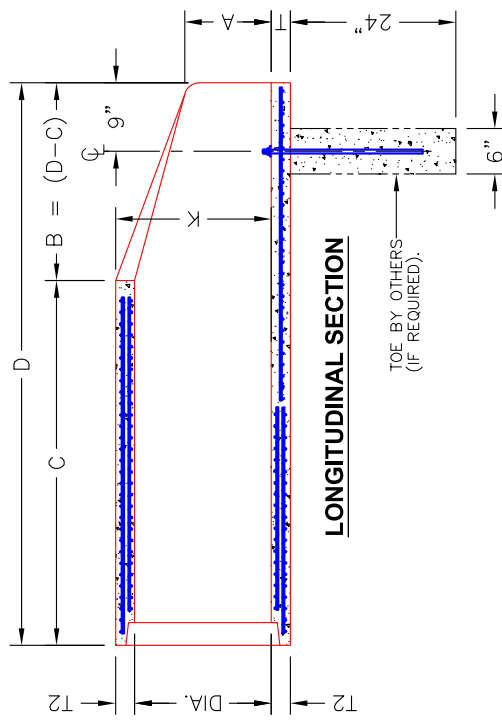
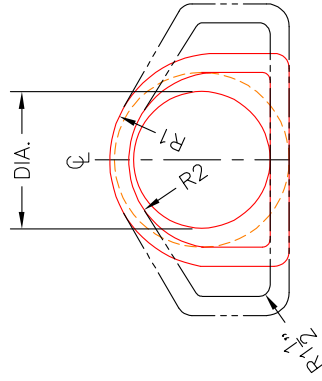
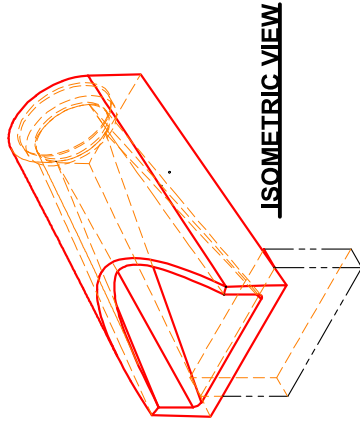
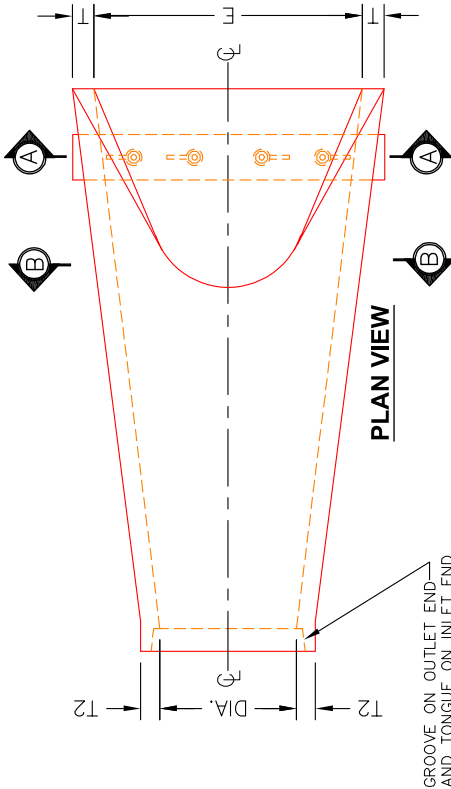
Structure ID: FES 500 (2)

P1 FES12S

12" - FLARED END SECTION SPIGOT (INLET) F/F

NOTES:

1. ALL INDIANA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS SHALL BE MET OR EXCEEDED. FLARED END SECTION WILL ALSO BE MANUFACTURED AND TESTED IN ACCORDANCE WITH ASTM C-76 OR ASTM C-655 AND ASHTO M-170 SPECIFICATIONS.
2. ALL PIPE JOINTS MEET ASTM C-443 AND C-361 SPECIFICATIONS.
3. INSTALL REINFORCED CONCRETE PIPE PER ASTM C-1479-STANDARD PRACTICE FOR INSTALLATION OF PRECAST CONCRETE PIPE.
4. FLARED END SECTION REINFORCING IS IN ACCORDANCE WITH ASTM C-76.
5. WEIGHT SHOWN IS CALCULATED USING 150 LBS. PER CUBIC FT. UNIT WEIGHT OF CLASS A CONCRETE.
6. CONCRETE TOE ANCHOR TO BE FIELD POURED BY OTHERS, IF REQUIRED.



SECTION A-A

CONCRETE PIPE TOE ANCHOR
 (POURED ON SITE BY OTHERS, IF REQUIRED)

TABLE OF DIMENSIONS

DIA.	T (MIN.)	T2 (MIN.)	A (±1")	B (±1")	C (±1")	D (±1")	E (±1")	K (FT.)	R1	R2	APPROX. WEIGHT (LBS.)
12"	2"	4"	6"	1'-11"	4'-3"	6'-2"	2'-0"	1.34'	10 1/8"	9"	1,400
15"	2 1/2"	4 7/8"	7 1/2"	2'-3"	4'-0"	6'-3"	2'-6"	1.63'	12 1/2"	11"	1,950
18"	2 3/4"	4 13/8"	9"	2'-1"	4'-1"	6'-2"	3'-0"	1.93'	15 1/2"	12"	2,510
24"	3"	5 13/8"	12"	3'-7"	2'-8"	6'-3"	4'-0"	2.48'	16 1/8"	14"	3,740
30"	3 3/4"	6 3/8"	15"	4'-5"	1'-10"	6'-3"	5'-0"	3.05'	18 1/2"	15"	4,930
36"	4"	7 7/8"	17"	5'-2"	3'-1"	8'-3"	6'-0"	3.75'	24 1/8"	20"	6,800



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INDOT PRECAST CONCRETE
 FLARED END SECTION

DRAWING NO.: ET-INDOT-300 | DATE: 05-05-25

REVIEWED BY: J.H. ROSS, PE | DRAWN BY: N. RICHARDS
 WEB: WWW.ICASTINC.COM | SCALE: NTS

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