

F:\engineering\NCS-07-15-09\Standard Product\TDOT\State Endwalls\TDOT ENDWALLS (INVENTOR DRAWINGS)\3B-30 (TDOT)\3B-30 PRODUCTION DRAWING.idw

NOTE: SEE TDOT STANDARD DRAWING
D-PE-99 FOR REQUIRED STEEL PIPE GRATE DETAILS

TO BE STENCILED:

- CUSTOMER:
- JOB:
- ID: 3B-30
- INV#:
- SO#:
- WEIGHT: 7,500 LBS
- DWG#: D-PE-30A
- ITEM#: 611-07.60
- TDOT
- DAN

PRODUCTION NOTES:

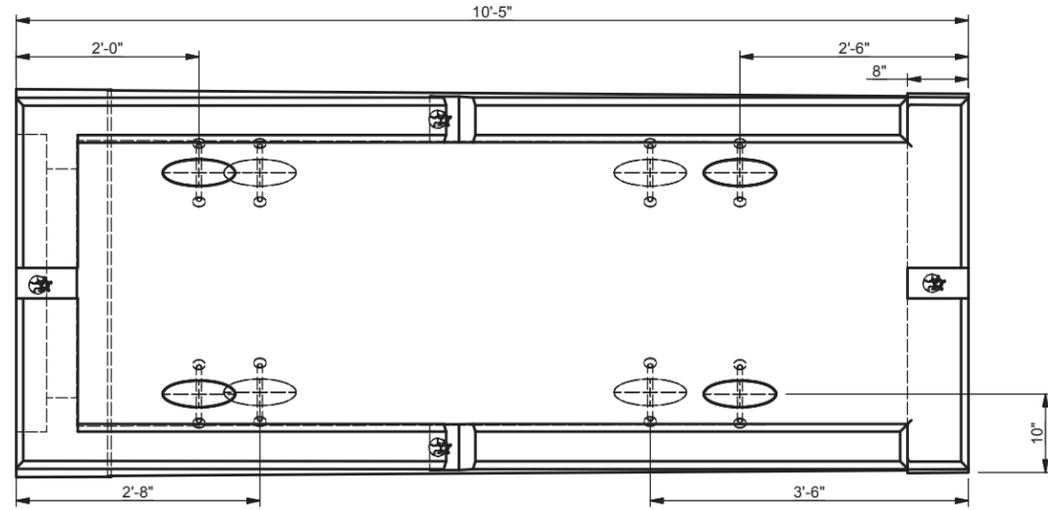
- PM:
- DUE:

STRUCTURAL NOTES:

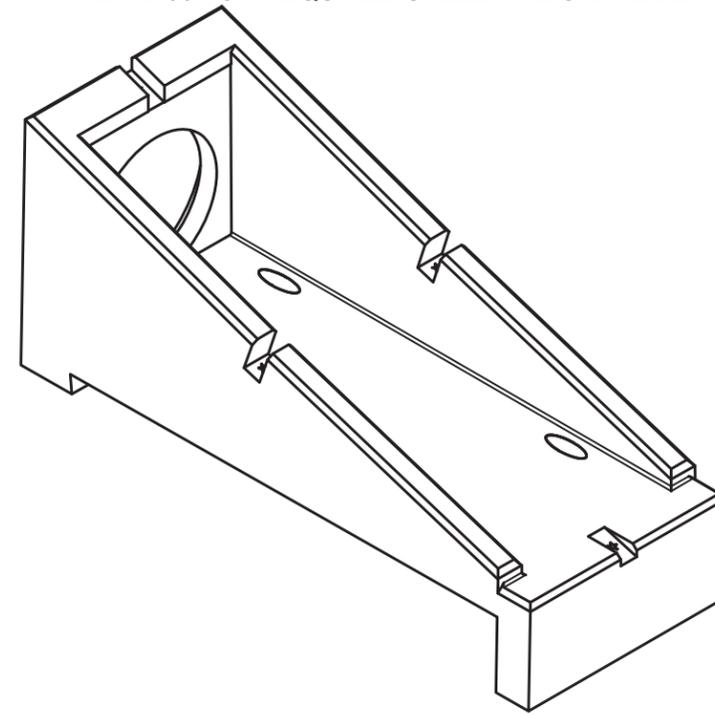
- 1.CONCRETE: 28 DAY COMPRESSIVE STRENGTH $f'_c=4,500$ psi
- 2.REBAR: PER TDOT DRAWING # D-PE-30A
- 3.DESIGN: TDOT SPECIFICATION

TAPER NOTES:

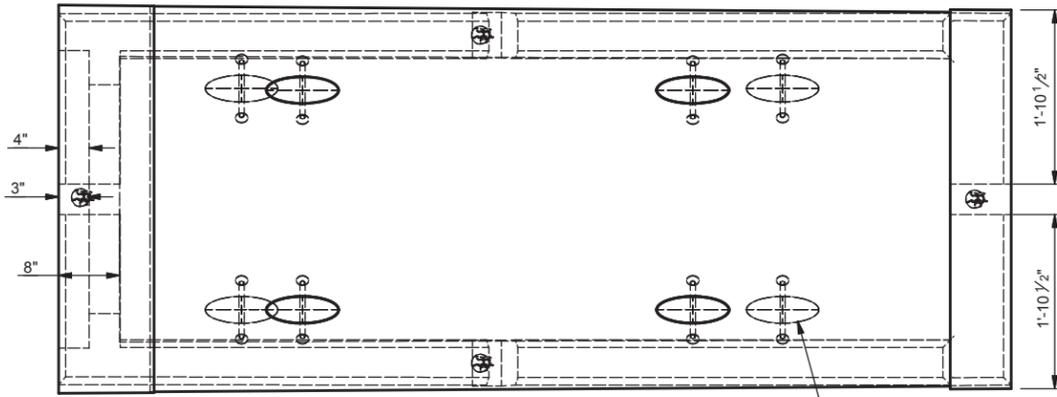
- WALL WIDTH VARIES FROM 6" TO 6 5/8"
- INTERIOR CORE VARIES FROM 3'1" TO 2'11"
- MOLD WIDTH VARIES FROM 4'1" TO 4'4 1/4"



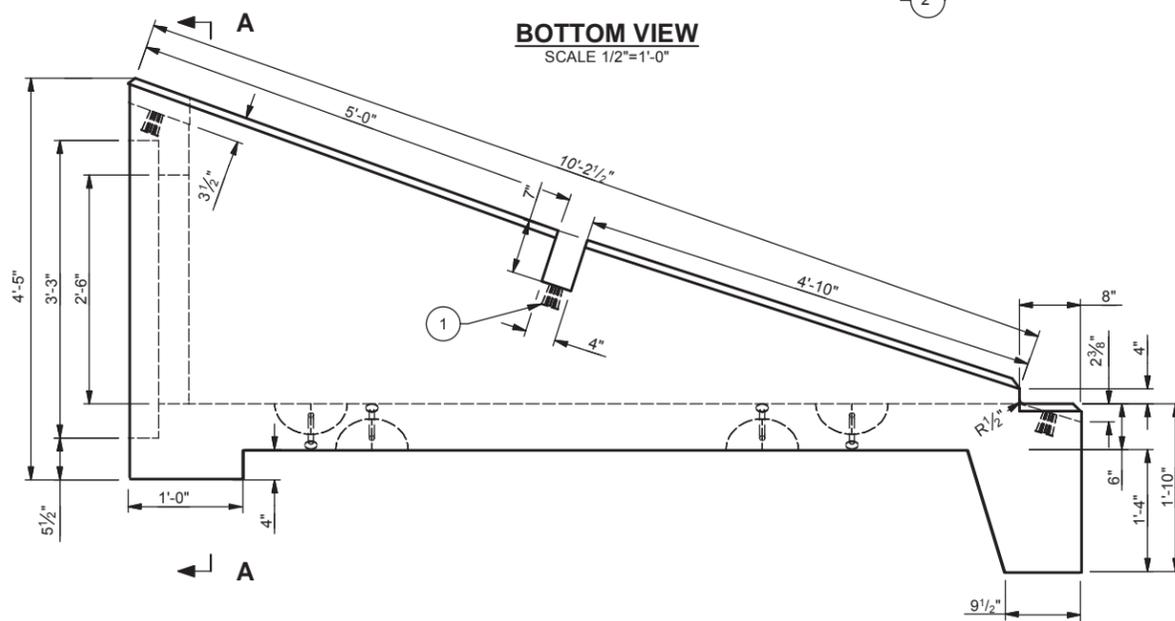
PLAN VIEW
SCALE 1/2"=1'-0"



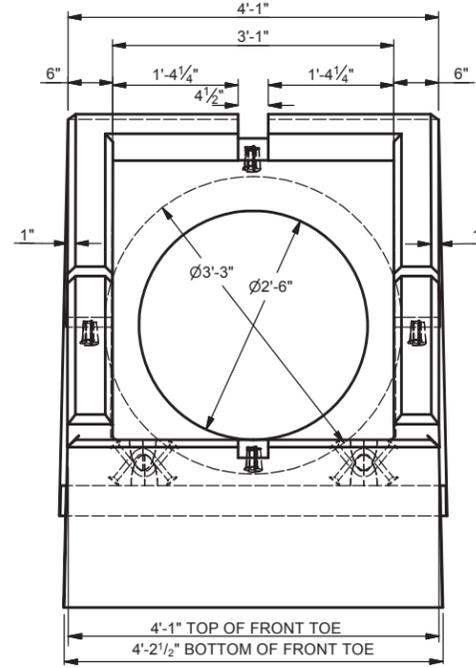
ISOMETRIC VIEW
SCALE 3/8"=1'-0"



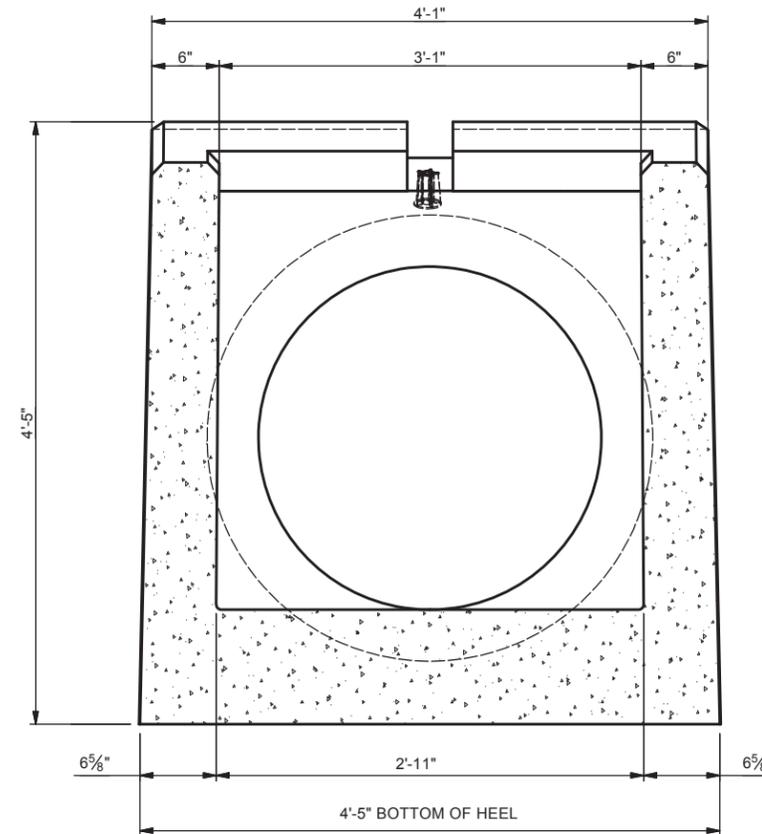
BOTTOM VIEW
SCALE 1/2"=1'-0"



SIDE VIEW
SCALE 1/2"=1'-0"



FRONT VIEW
SCALE 1/2"=1'-0"



SECTION A-A
SCALE 3/4"=1'-0"



APPROVED

WEIGHTS

DPE 3B 30" 7,500 LBS

BILL OF MATERIALS

#	QUANTITY	DESCRIPTION	ITEM #
1	4 EA	AMIFAST 3/4" X 2-7/8" INSERT	7134702
2	8 EA	5CA14 LIFT ANCHORS	7135006
	1.84 YDS	CONCRETE	8204010
	150.0 LBS	#4 BAR	8040400
	20.6 LBS	#7 BAR	8040700



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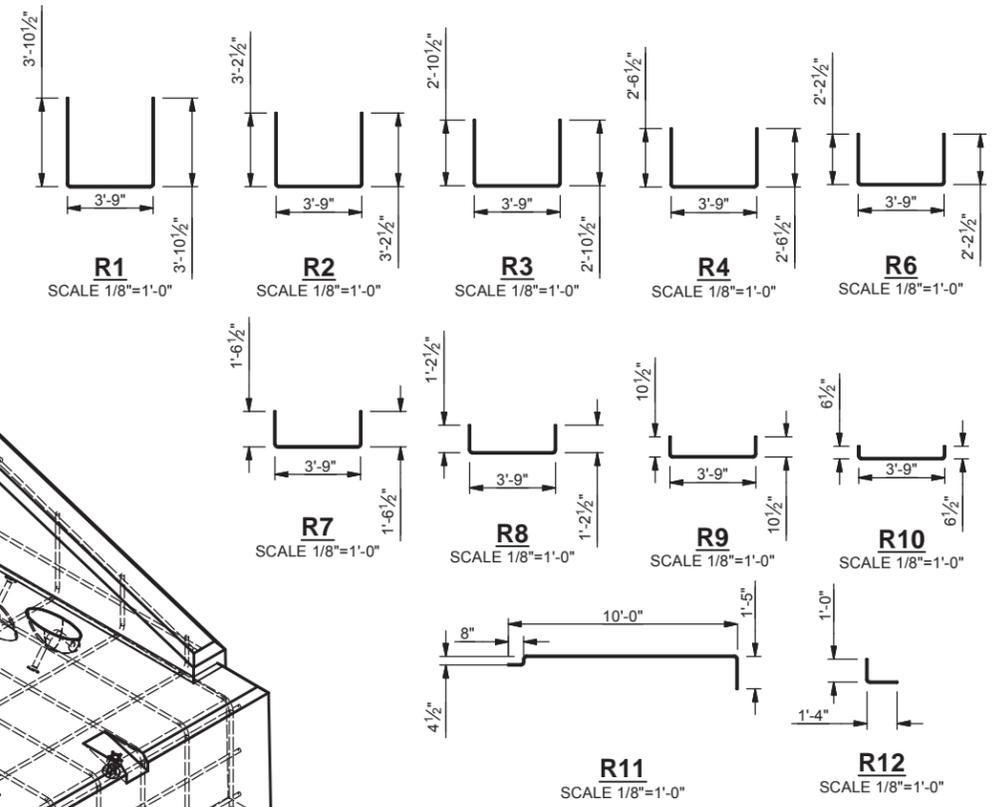
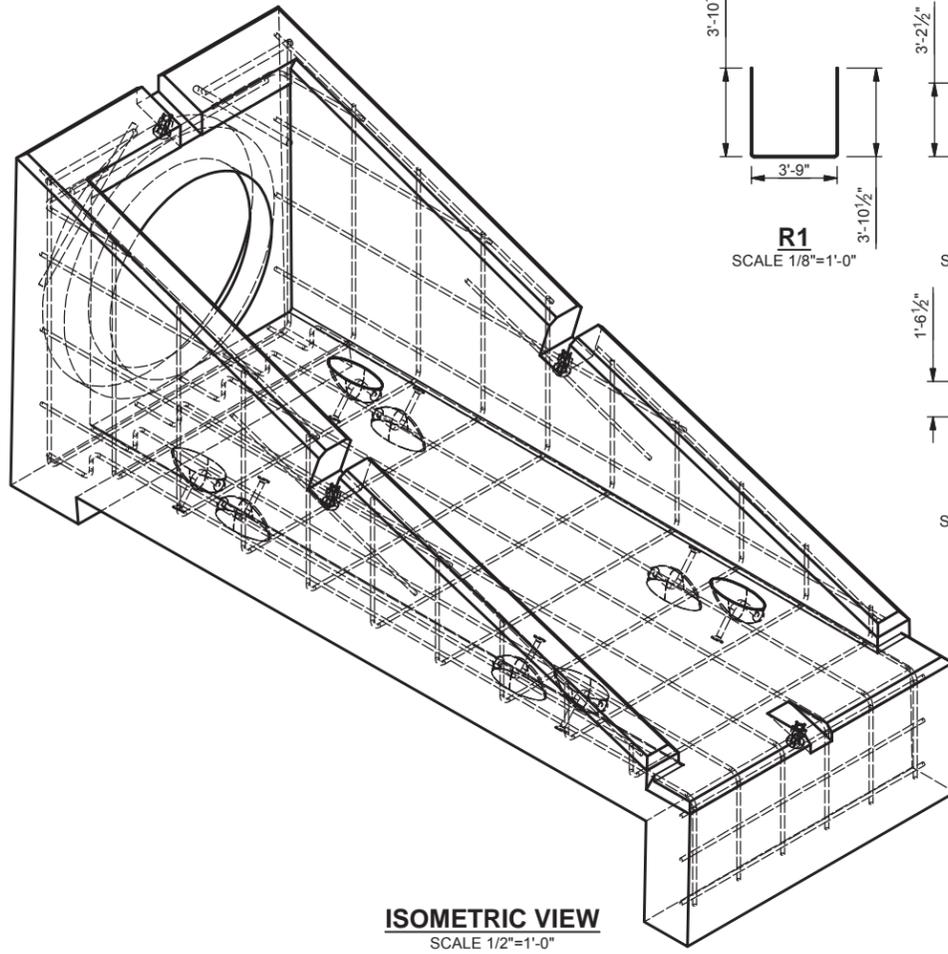
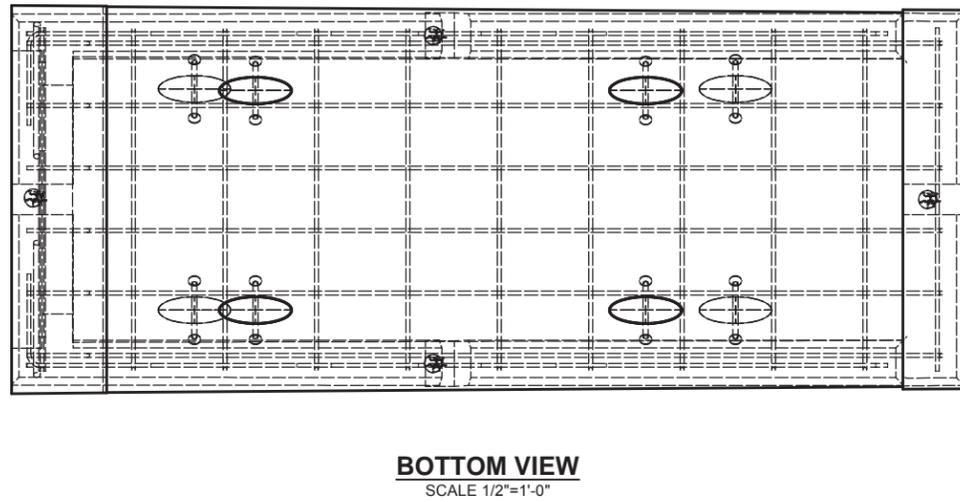
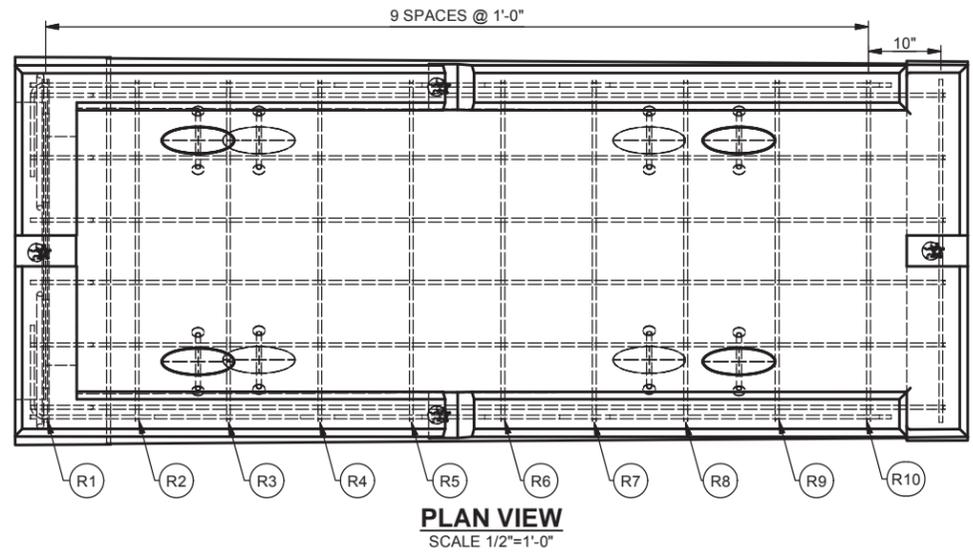
3:1 D-PE-30A

TDOT
TENNESSEE

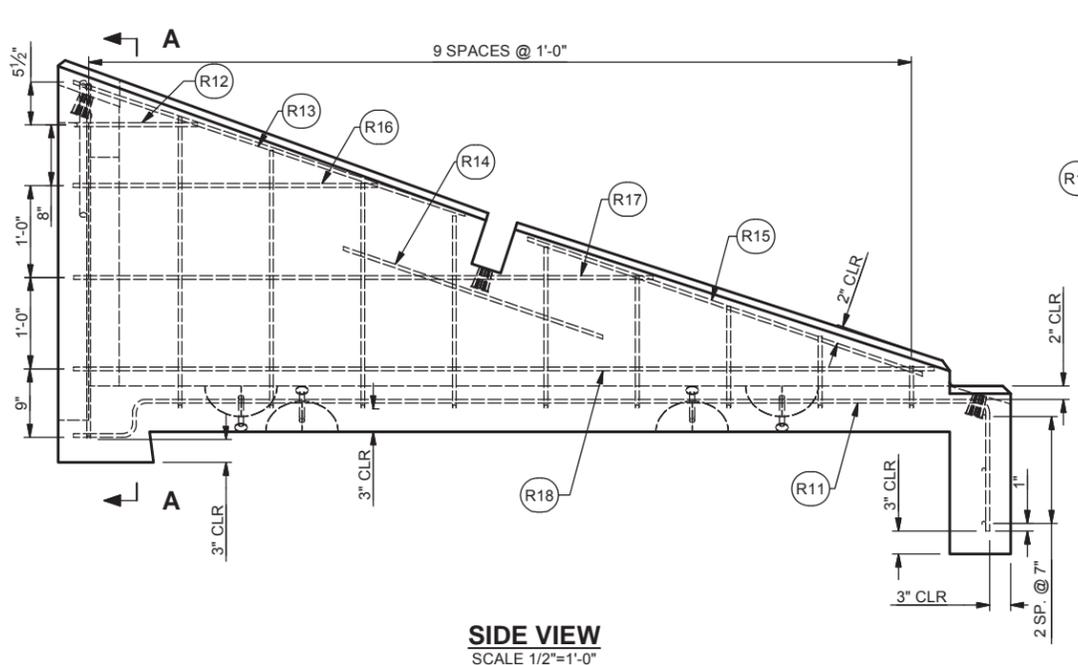
CUSTOMER
STOCK

DATE	SALES	DRAWN	ENGINEER	CHECKED	SALES ORDER
7/3/2013		CMM	TDOT		
REVISION	SHEET				
DRAWING NUMBER 3B-30 PRODUCTION DRAWING.idw	1 OF 1				

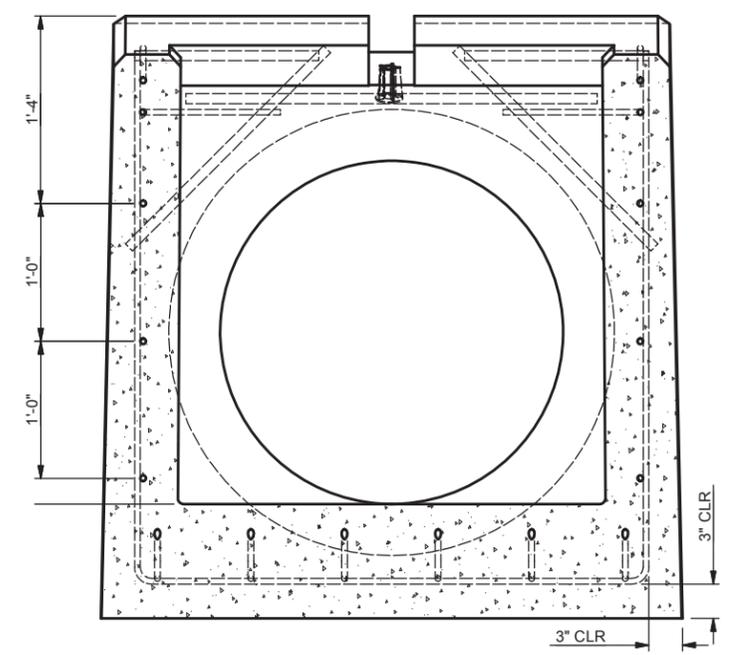
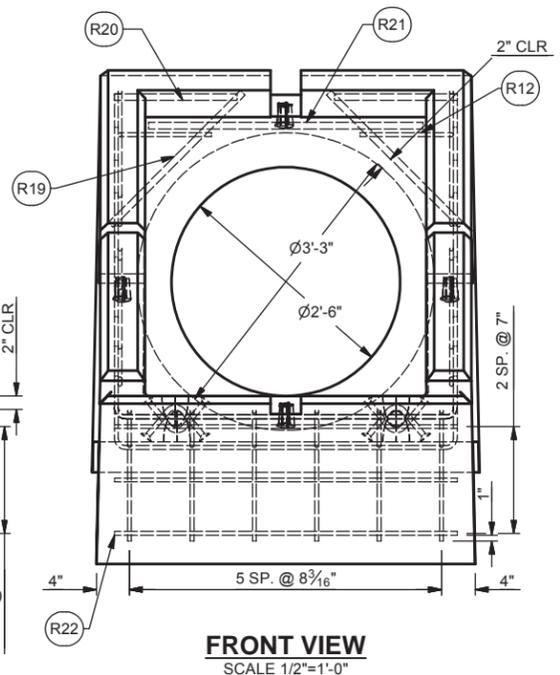
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*REBAR BENDS HAVE BEEN ACCOUNTED FOR**



*BAR R17 INTERSECTING MATERIAL 1**



Table

#	QTY	MATERIAL	LENGTH	SHAPE
R1	1	#4 BAR	11'-4 1/2"	U BAR
R2	1	#4 BAR	10'-0 1/2"	U BAR
R3	1	#4 BAR	9'-4 1/2"	U BAR
R4	1	#4 BAR	8'-8 1/2"	U BAR
R5	1	#4 BAR	8'-0 1/2"	U BAR
R6	1	#4 BAR	7'-4 1/2"	U BAR
R7	1	#4 BAR	6'-8 1/2"	U BAR
R8	1	#4 BAR	6'-0 1/2"	U BAR
R9	1	#4 BAR	5'-4 1/2"	U BAR
R10	1	#4 BAR	4'-8 1/2"	U BAR
R11	6	#4 BAR	11'-5 3/4"	BENT
R12	2	#4 BAR	2'-4"	LBAR
R13	2	#4 BAR	4'-6 1/4"	STR
R14	2	#4 BAR	3'-0"	STR
R15	2	#4 BAR	4'-6 3/4"	STR
R16	2	#4 BAR	3'-4"	STR
R17	2	#4 BAR	6'-4"	STR
R18	2	#4 BAR	9'-3"	STR
R19	2	#7 BAR	2'-0"	STR
R20	2	#7 BAR	1'-6 1/2"	STR
R21	1	#7 BAR	3'-0"	STR
R22	3	#4 BAR	3'-9"	STR



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3:1 D-PE-30A

TDOT
TENNESSEE

CUSTOMER STOCK

DATE	SALES	DRAWN	ENGINEER	CHECKED	SALES ORDER
7/3/2013		CMM	TDOT		

DRAWING NUMBER: 3B-30 STEEL DRAWING.idw

REVISION	SHEET
DATE	1 OF 1