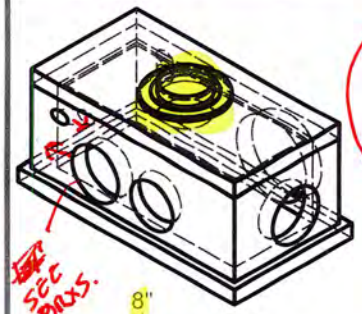
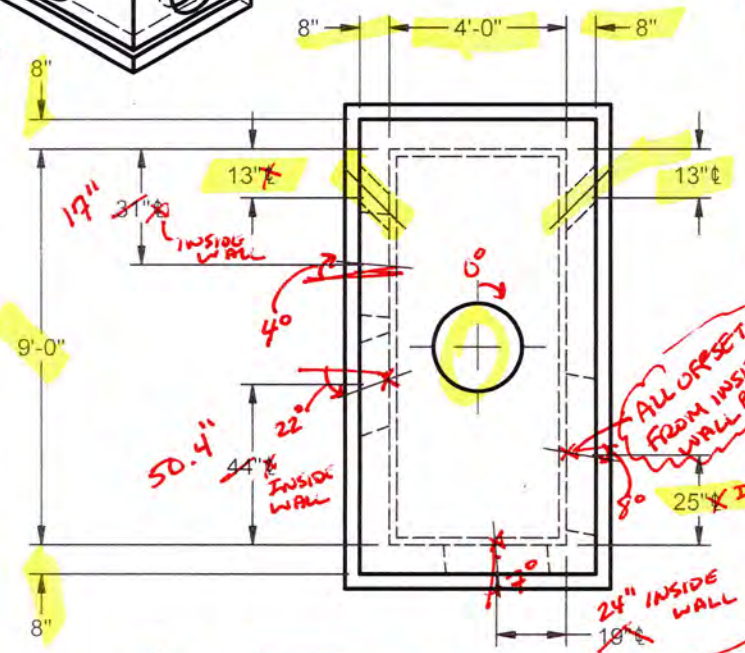
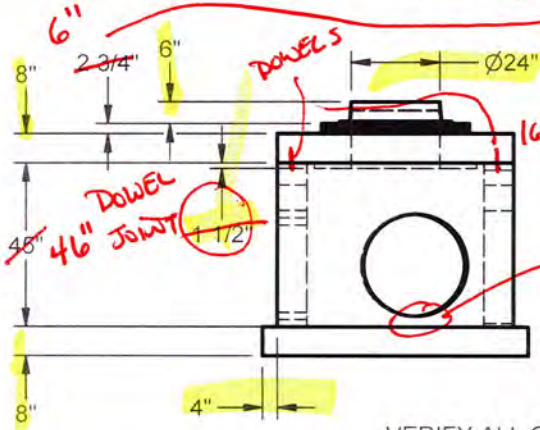


DUE TO NOT HAVING 6" OF CONCRETE ABOVE THE HOLE OPENINGS IN WALL, FDOT WILL REQUIRE THIS SHOP DRAWING TO BE APPROVED BY THE EOR PRIOR TO MANUFACTURE.

N

NOT PROJECT NORTH





FG =	164.28
TA =	163.78
TTS =	~~163.55~~ 163.28
TPW1 =	~~162.88~~ 162.62
ITB =	~~159.13~~ 158.80
APTB =	~~4.65~~ 4.98

VERIFY ALL OFFSETS

1 EA CAST USF R&C 170-XB~FDOT~STORM

FDOT INDEX #200/201 STORM MANHOLE # S-106

1 ea

SPECIFICATIONS	
1	BASE STEEL - #3 @ 5" Short;#4 @ 10" Long(Top);
2	WALL STEEL- #4 @ 12" Vert; #4 @ 6" Hor(In Mat);#4 @ 12" Vert;#4 @ 6" Hor(Ot Mat)
3	TOP SLAB - #3 @ 5" Short;#4 @ 10" Long(Top);
4	
5	
6	4000 PSI All wall steel 3" cover (2" for double mat), 2" cover for slabs.
7	Provide 1-#4 bar reinforcement ea side of openings and 2-#4 bars at 3" min. spacing above openings

SPECIAL NOTES:

0 FDOT STAMP REQUIRED

1 FLAT TOP

PC #	WEIGHT	PIECE DESCRIPTION	PRODUCT CODE
		PER INDEX 201 SHEET 3 OF 5, INCREASING THE UP ELEVATION TO 6" (HOLE RISE) ALLOWS THE CONCRETE ABOVE THE HOLE OPENING TO BE ZERO, USING DOWEL JOINTS.	
		INCREASE ADJUSTMENT TO STAY OUT OF CONCRETE ROAD TOP OF PIPE WILL BE CLOSE TO ~~BOT~~ BOTTOM OF 8" SLAB (0" BLANKOUT ON TOP OF 30" RCP)	
2	5734 (30" RCP	048L x 108W x 08Wall x 08H, TopSlab	SS08408408S008N
1	15105	048L x 108W x 08Wall x 045H, MonoBaseExt	SS08408408B048X

PC #	DEG/ DIR	PIPE SIZE	PIPE INVERT	HOLE SIZE (INSIDE WALL OFFSET)	BOOT TYPE	HOLE INVERT	HOLE RAISE
1	E	4 PVC	162.00	7H x 18W (C/L 13 Off N Wall)	NONE	161.88	~~33"~~ 37"
1	E 98°	30 RCP	159.80	42 (C/L 25 Off S Wall)	NONE	159.3	~~2"~~ 6"
1	S 193°	18 RCP	159.80	28 (C/L 19 Off E Wall) 24"	NONE	159.38	~~3"~~ 7"
1	W 248°	18 PVC	159.93	24 (C/L 44 Off S Wall) 50"	NONE	159.68	~~6 1/2"~~ 10 1/2"
1	W 274°	18 RCP	159.80	28 (C/L 31 Off N Wall) 17"	NONE	159.38	~~3"~~ 7"
1	W	4 PVC	162.00	7H x 18W (C/L 13 Off N Wall)	NONE	161.88	~~33"~~ 37"

INSURE NOT CONFLICT W/ 18" RCP

FDOT 434986-1-52-01

STRAIGHT AHEAD CONSTRUCTION

FORTERRA | PIPE & PRECAST

DESIGN BY:	MTT
DATE:	5/11/2018
SCALE:	1:50
ORDER #:	10960723
REVISED DATE:	REV BY:

10960723S-106.idw

5/11/2018

S-072-072-08-00-MH-T-JS-M-0-0

CONCRETE SERVICES

☑ APPROVED

☐ APPROVED AS CORRECTED

☐ REVISE AND RESUBMIT

☐ REJECTED

☐ FOR INFORMATION ONLY

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

BY Roy Arias DATE 5/18/2018

COMPREHENSIVE ENGINEERING SERVICES, INC.

☐ No exceptions taken ☐ Amend and Resubmit

☑ Make corrections noted ☐ Rejected (See Remarks)

Review and comments do not relieve the contractor of responsibility for substantial conformance with the contract plans and specifications.

BY: CRC DATE: 5/23/18