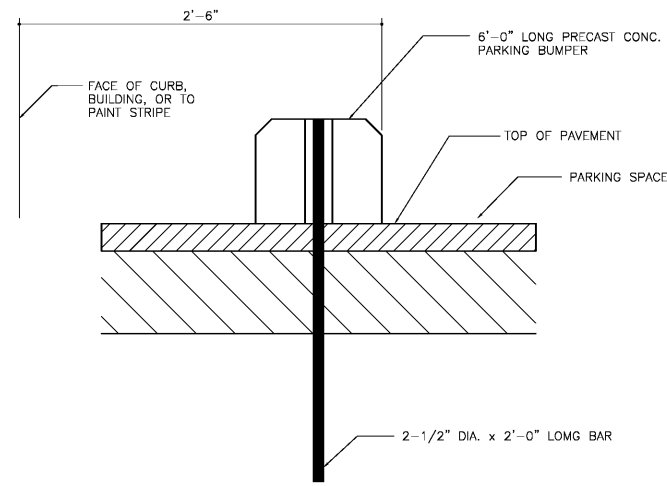
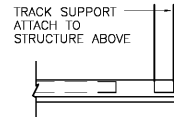
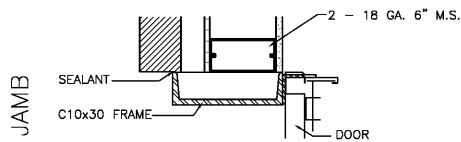
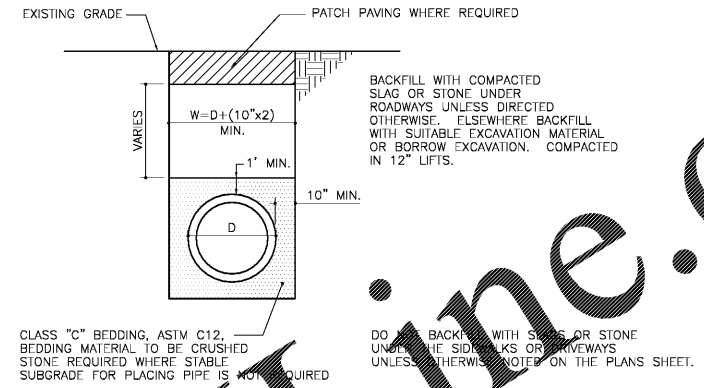


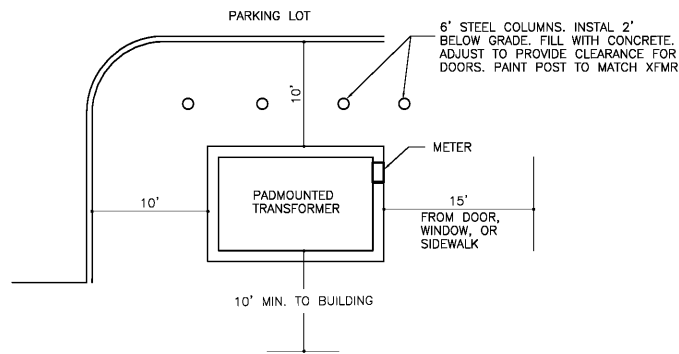
1 OVERHEAD DOOR DETAILS (NOT USED)  
A9-3 SCALE: 1 1/2" = 1'-0"



4 PARKING BLOCK DETAIL  
A9-3 SCALE: NONE



5 PIPE BEDDING DETAIL  
A9-3 SCALE: NONE

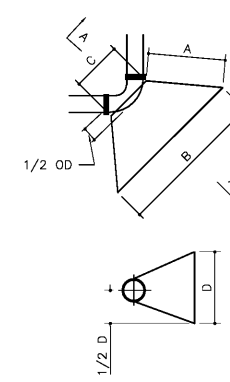


2 PAD MOUNTED XFMR CLEARANCE DETAIL  
A9-3 SCALE: NONE

OPENING WIDTH		FOR EACH 4" WALL THICKNESS	WALL DIMENSION AND REINFORCING				
MIN.	MAX.		STEEL	CONCRETE BLOCK OR CONCRETE			
			DEPTH	4" WALL	6" WALL	8" WALL	12" WALL
—	2'-0"	∠-3 1/2X3X1/4SLV	7 5/8"	1#4	1#4BOT.	1#4BOT.	1#4BOT.
2'-1"	3'-6"	∠-3 1/2X3X1/4SLV	7 5/8"	1#4	1#4BOT.	1#4BOT.	2#5BOT.
3'-7"	5'-0"	∠-3 1/2X3X1/4SLV	7 5/8"	1#4	1#5BOT.	1#5BOT.	2#5BOT.
5'-1"	6'-6"	∠-4X3 1/2X1/4LLV	7 5/8"	—	1#5BOT.	1#7BOT.	2#6BOT.
6'-7"	8'-0"	∠-5X3 1/2X1/4LLV	7 5/8"	—	—	1#8BOT.	2#7BOT.
8'-1"	10'-0"	∠-6X3 1/2X5/16LLV	15 5/8"	—	—	1#8BOT.	—
10'-1"	12'-0"	—	15 5/8"	—	—	1#8BOT.	—

- NOTES: 1. DO NOT USE THIS SCHEDULE IF CONCENTRATED LOAD IS APPLIED TO LINTEL.  
2. PROVIDE 1"-4"(MIN.) BEARING AT EACH END FOR MASONRY.  
3. PROVIDE 8"(MIN.) BEARING AT EACH END FOR STEEL.

SEE MECH'L DWGS. & ARCH'L DWGS. FOR QUANTITY & LOCATION OF OPENING AT DOORS, WINDOWS, LOUVERS, VENTS AND RECESSED OPENINGS.



BEND	SIZE	A (FT)	B (FT)	C (IN)	D (FT)	VOLUME (CU.YD)	THRUST (LBS)
11-1/4"	6"	1.0	2.0	6	1.0	0.04	1,385
	8"	1.0	2.0	7	1.0	0.05	2,400
	10"	1.0	2.0	9	1.0	0.07	3,830
	12"	1.0	2.5	11	1.5	0.12	5,550
	14"	2.0	2.5	11	2.0	.24	7,550
	16"	2.0	2.5	12	2.0	0.26	9,860
22-1/2"	20"	2.0	3.5	15	2.5	0.48	15,400
	24"	2.0	4.0	18	3.0	0.70	22,185
	6"	1.0	2.0	6	1.0	0.04	2,760
	8"	1.0	2.0	7	1.5	0.06	4,905
	10"	1.0	2.0	9	2.0	0.10	7,665
	12"	1.0	3.0	11	2.0	0.16	11,040
45"	14"	2.0	3.5	11	2.5	0.37	15,025
	16"	2.0	3.5	12	3.0	0.45	19,625
	20"	2.0	4.0	15	4.0	0.74	30,665
	24"	3.0	5.0	18	4.5	1.47	44,160
	6"	1.0	2.0	6	1.5	0.06	5,415
	8"	1.0	2.5	7	2.0	0.10	9,625
90"	10"	2.0	3.5	9	2.5	0.31	15,040
	12"	2.0	3.5	11	3.0	0.41	21,655
	14"	2.0	4.0	11	3.75	0.56	29,475
	16"	3.0	5.0	12	4.0	1.45	38,495
	20"	4.0	6.0	15	5.0	2.06	60,145
	24"	3.0	7.5	18	6.5	3.35	91,610
TEES AND PLUGS	6"	1.0	2.5	12	2.0	0.13	10,005
	8"	1.7	3.25	14	2.0	0.27	12,565
	10"	2.0	4.0	18	2.5	0.50	19,635
	12"	2.5	4.5	20	3.25	0.91	28,275
	14"	3.0	5.0	24	4.0	1.41	38,485
	16"	3.0	5.0	26	5.0	1.77	50,265
TEES AND PLUGS	20"	4.0	7.0	32	5.75	3.69	78,540
	24"	6.0	9.0	40	6.5	7.94	113,100

- NOTES:  
1. SOIL CONDITIONS SHALL BE VERIFIED BY THE ENGINEER BEFORE THRUST BLOCK DESIGN IS IMPLEMENTED.  
DESIGN DATA  
1. DIMENSION OF THRUST BLOCK IN FEET BASED ON 2000 POUNDS PER SQUARE FOOT SOIL BEARING PRESSURE. ACTUAL INSIDE DIAMETER OF D.I.P., CLASS 50, P.S.I. TEST PRESSURE.  
2. CONCRETE SHALL BE CLASS A, 3000 P.S.I.  
3. UNDER ADVERSE CONSTRUCTION CONDITIONS, CONCRETE SHALL BE "HIGH EARLY" TYPE.



SMITH DESIGN GROUP, INC.  
20 WEST HAWKESON STREET  
LAGRANGE, GEORGIA 30240  
706-882-5511 www.SDGarch.net

REVISIONS	
DATE	DESCRIPTION

PROJECT:  
VERNON ROAD FIRE STATION  
VERNON ROAD  
LAGRANGE GEORGIA

TITLE:  
DETAILS

MODIFIED DATE:      JOB NO:  
ISSUED DATE:      1731  
FOR BID AND PERMIT      SHEET:  
07 MAY 2018      A9-3

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