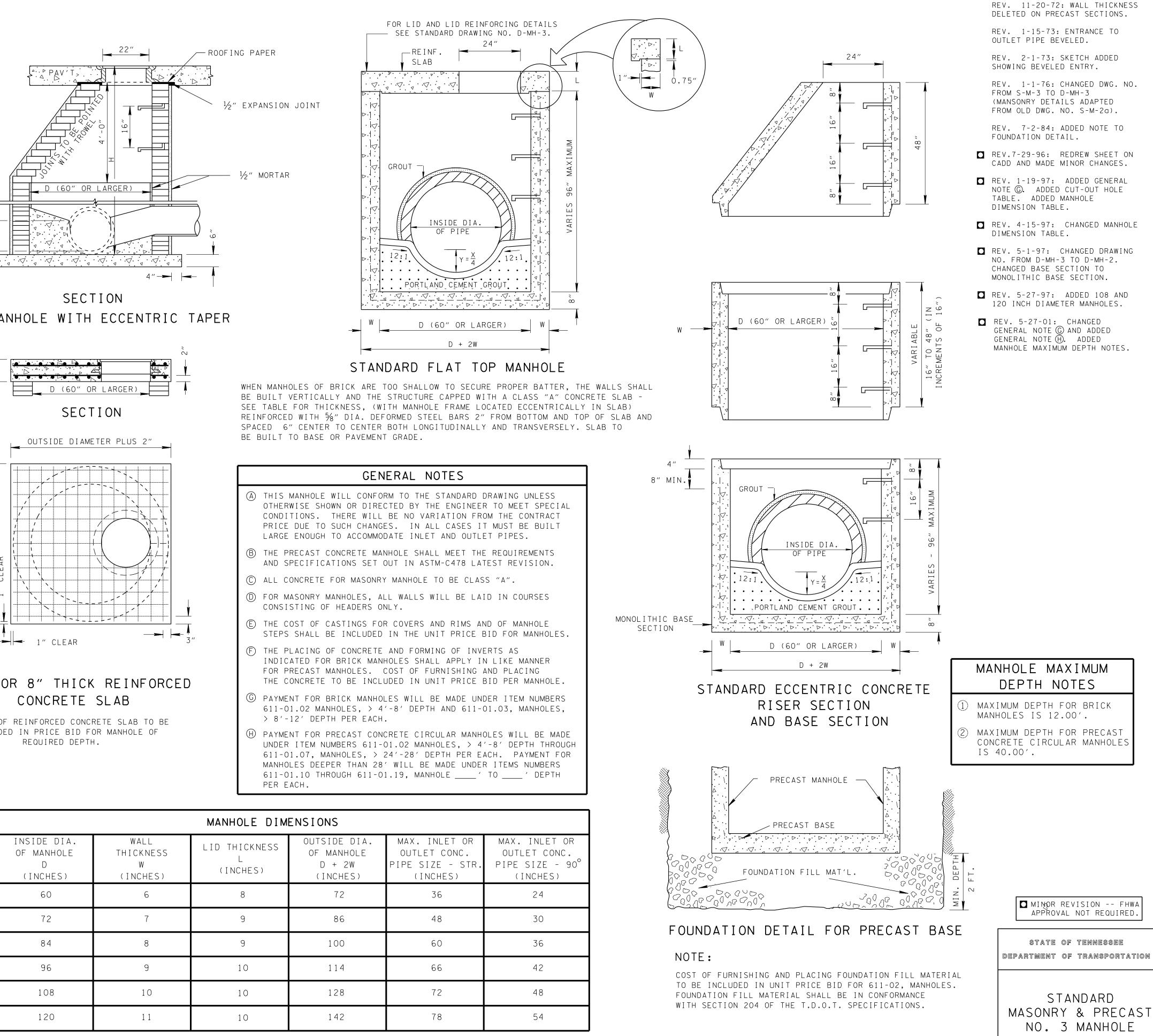
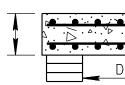


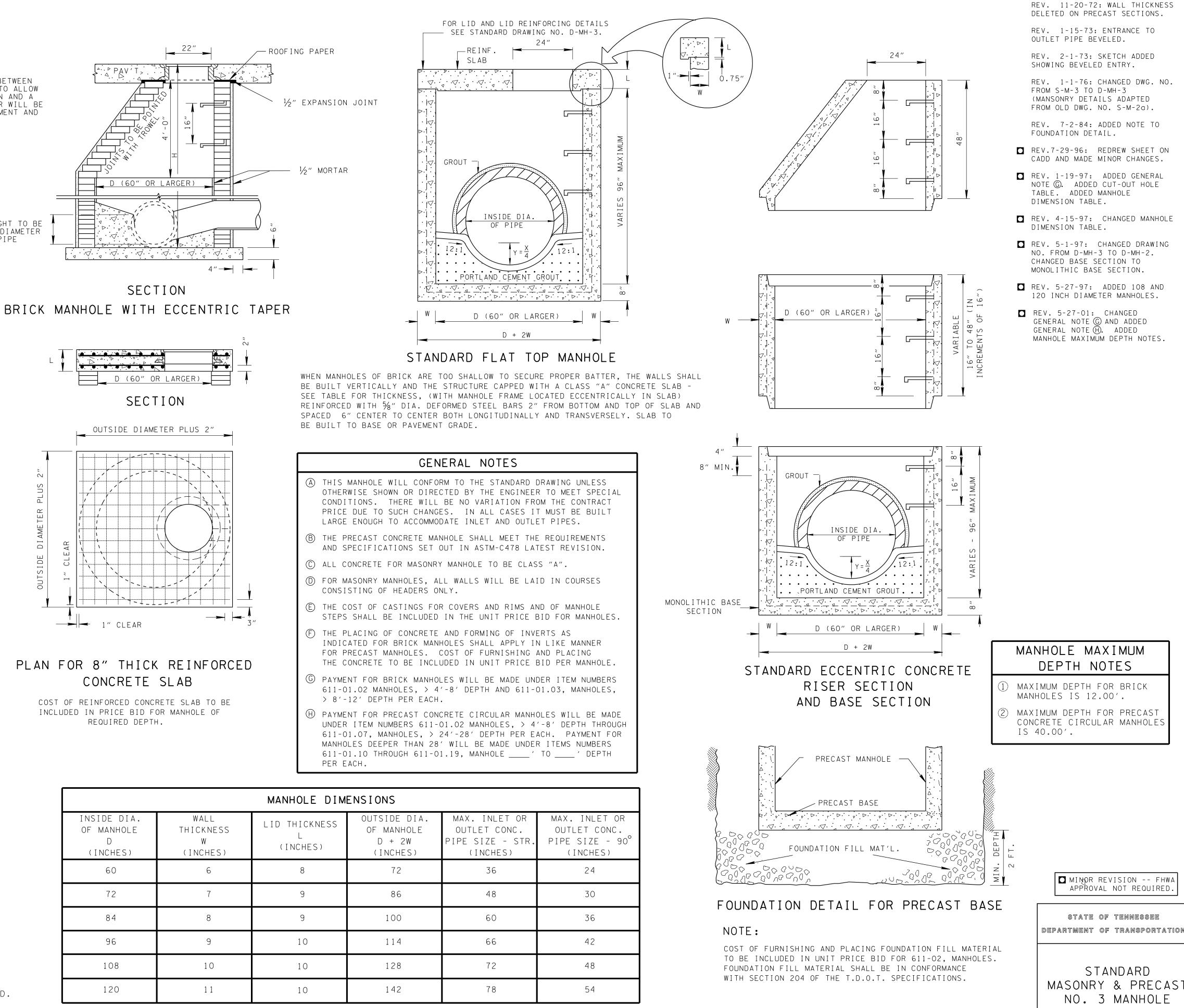
TYPICAL PLANS

CUT-OUT	HOLES FOR 1	INLET & OUTL	ET PIPES		
I NS I DE D I AME TE R	DIAMETER OF CUT-OUT HOLES (INCHES)				
(X) OF PIPE (INCHES)	CONCRETE PIPE	CORRUGATED METAL PIPE	POLYETHYLENE PIPE		
18	26	21	24		
24	32	27	31		
30	40	33	39		
36	47	40	45		
42	54	46	50		
48	61	52	56		
54	68	58			
60	75	64			
66	82	70			
72	90	76	76		
78	96	82			

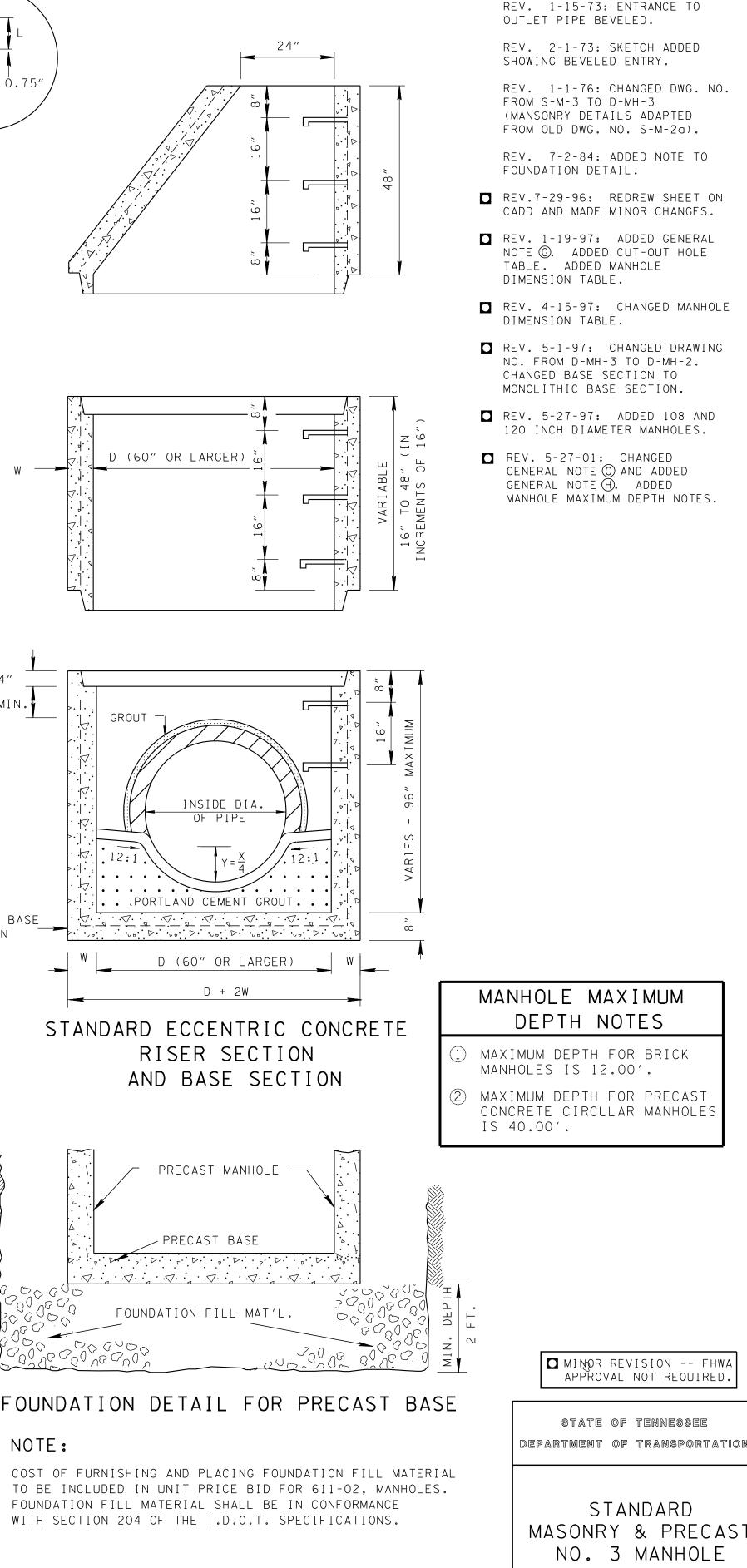
CUT-OUT HOLES FOR PRECAST STRUCTURES TO BE CORED OR FORMED IN ORDER TO OBTAIN A SMOOTH EDGED HOLE. SCORED OR ETCHED HOLES WITH REINFORCING STEEL LEFT UNCUT WILL NOT BE PERMITTED.







MANHOLE DIMENSIONS							
INSIDE DIA. OF MANHOLE D (INCHES)	WALL THICKNESS W (INCHES)	LID THICKNESS L (INCHES)	OUTSIDE DIA. OF MANHOLE D + 2W (INCHES)	MAX. INLET OR OUTLET CONC. PIPE SIZE - STR. (INCHES)	MAX. INLET OR OUTLET CONC. PIPE SIZE - 90° (INCHES)		
60	6	8	72	36	24		
72	7	9	86	48	30		
84	8	9	100	60	36		
96	9	10	114	66	42		
108	10	10	128	72	48		
120	1 1	10	142	78	54		



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