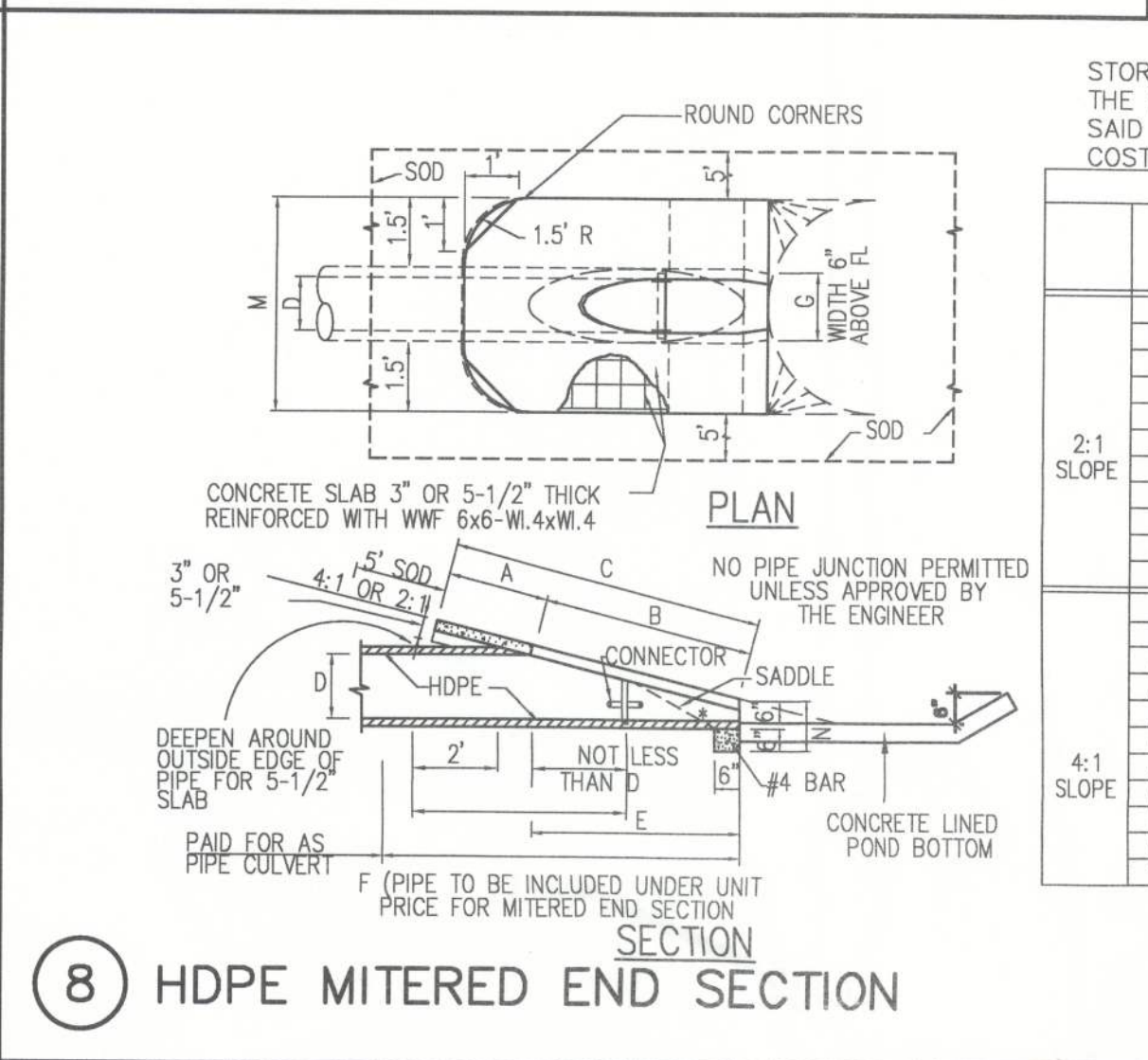
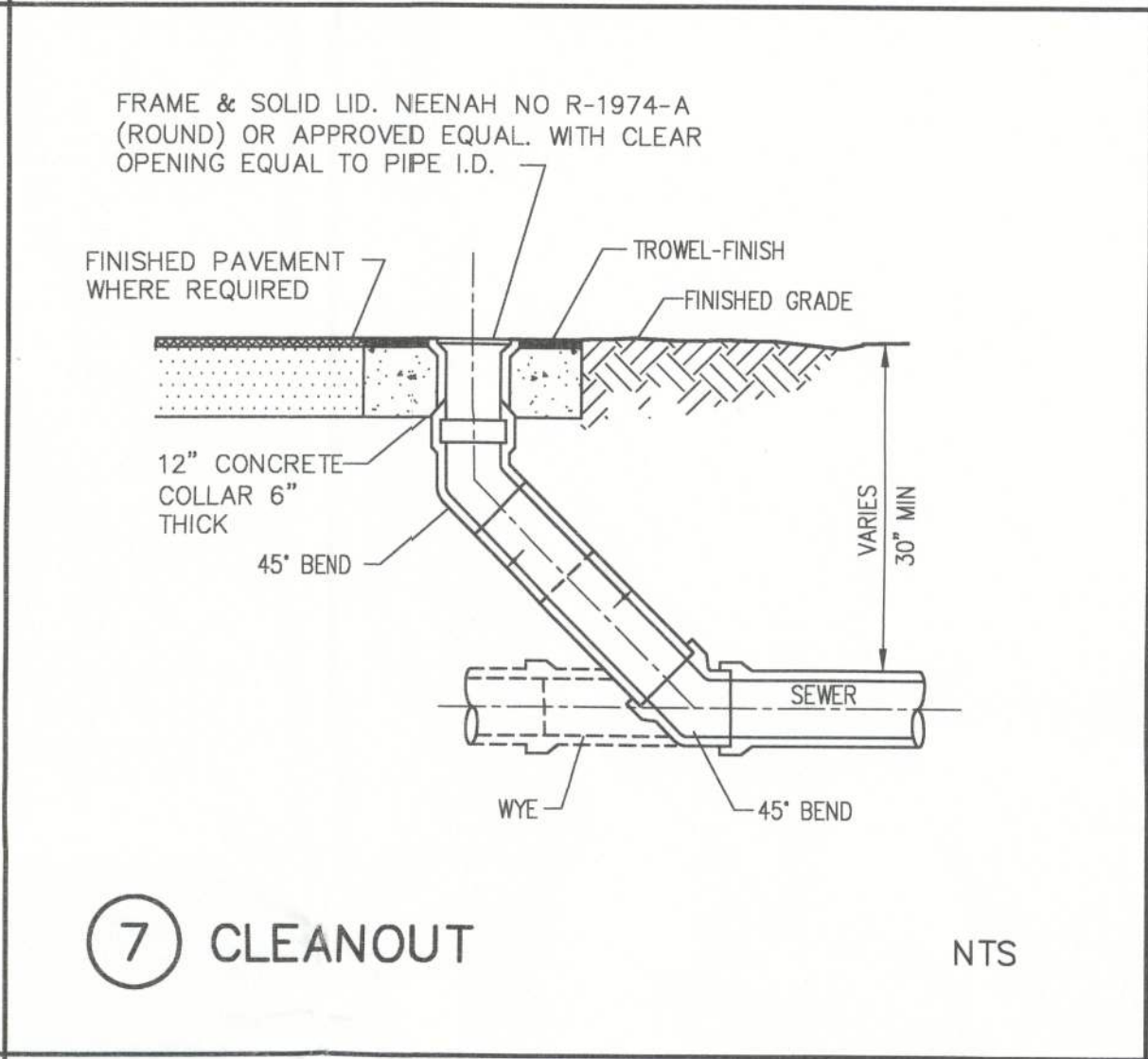
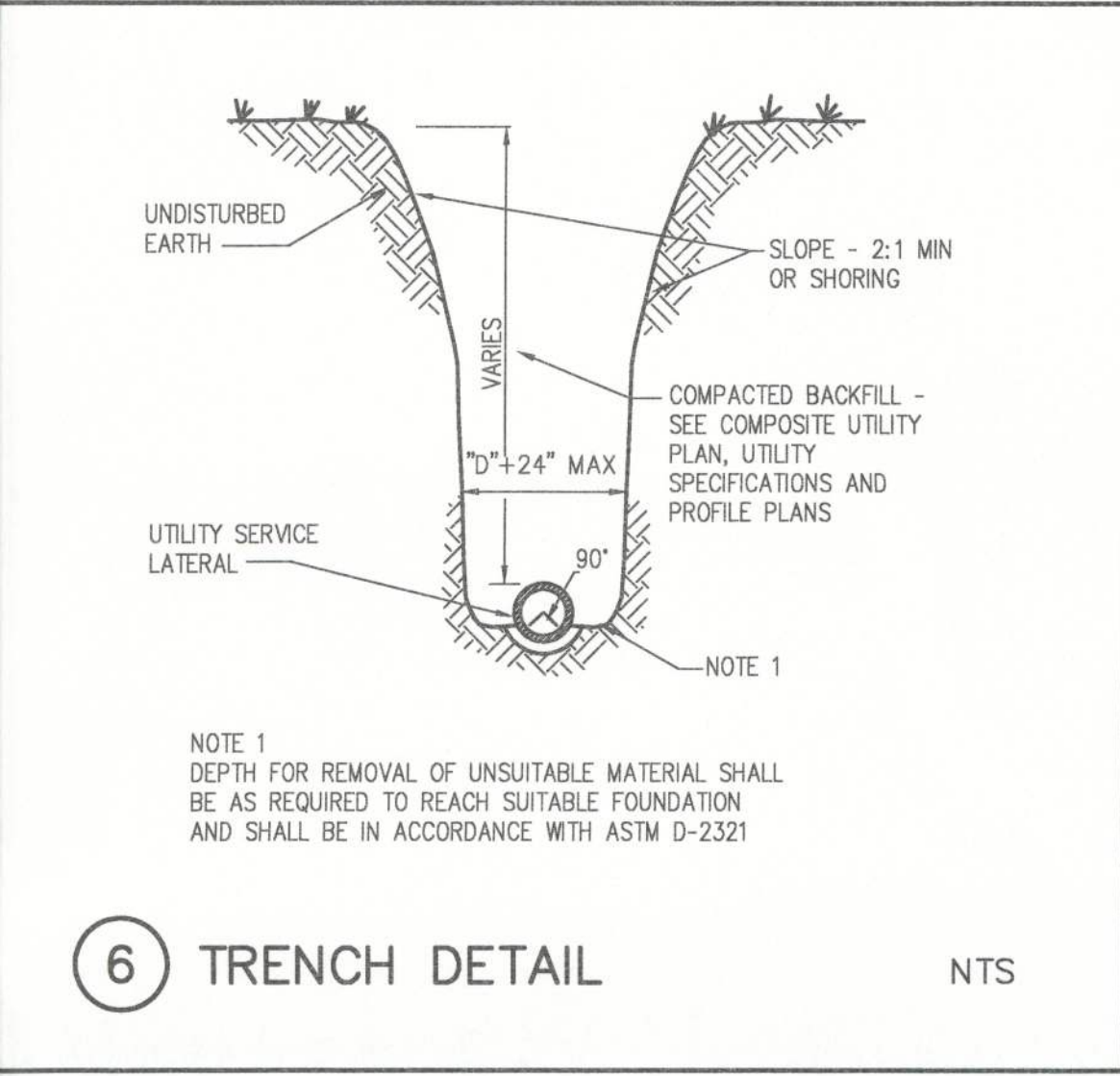
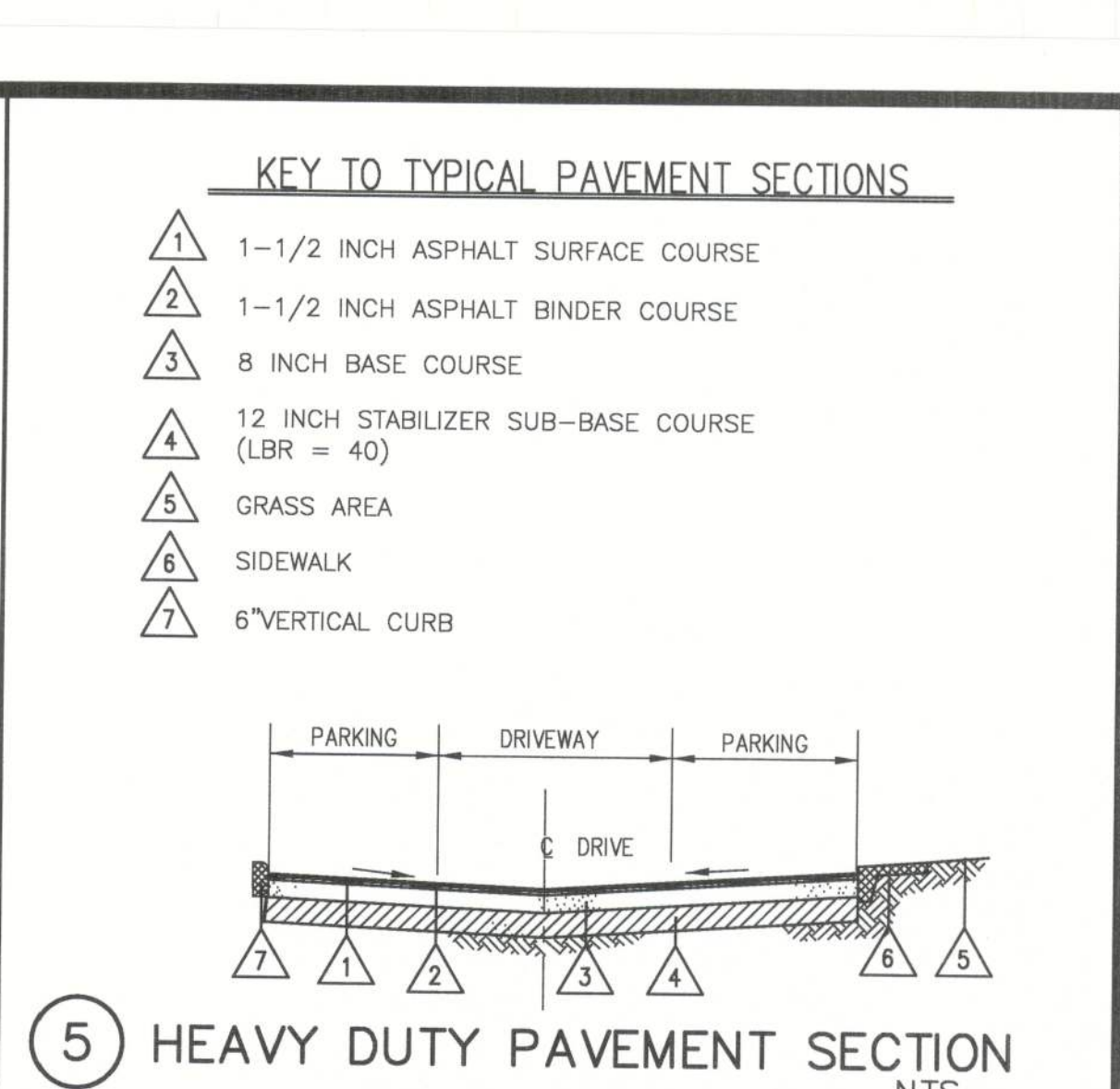
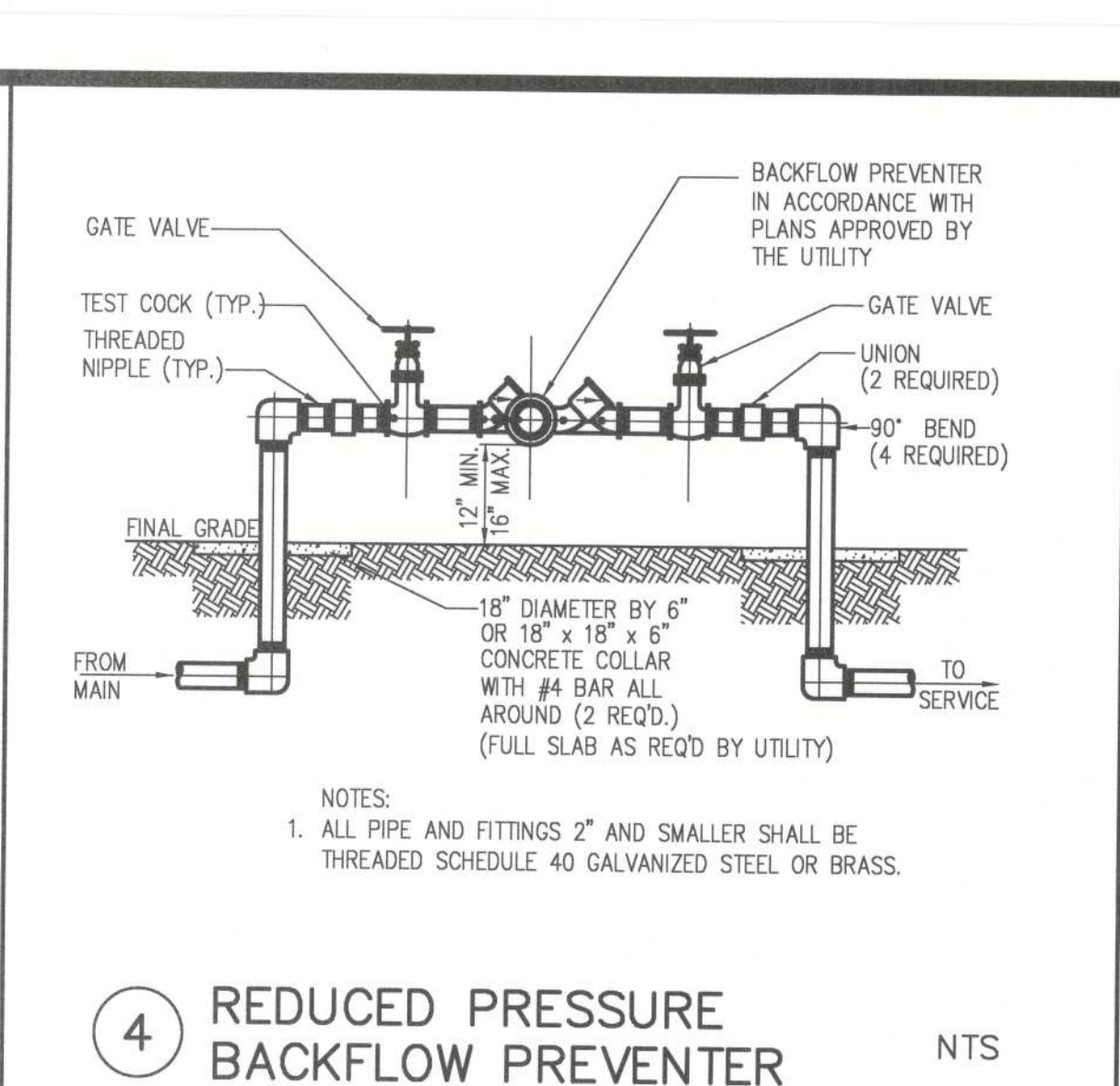
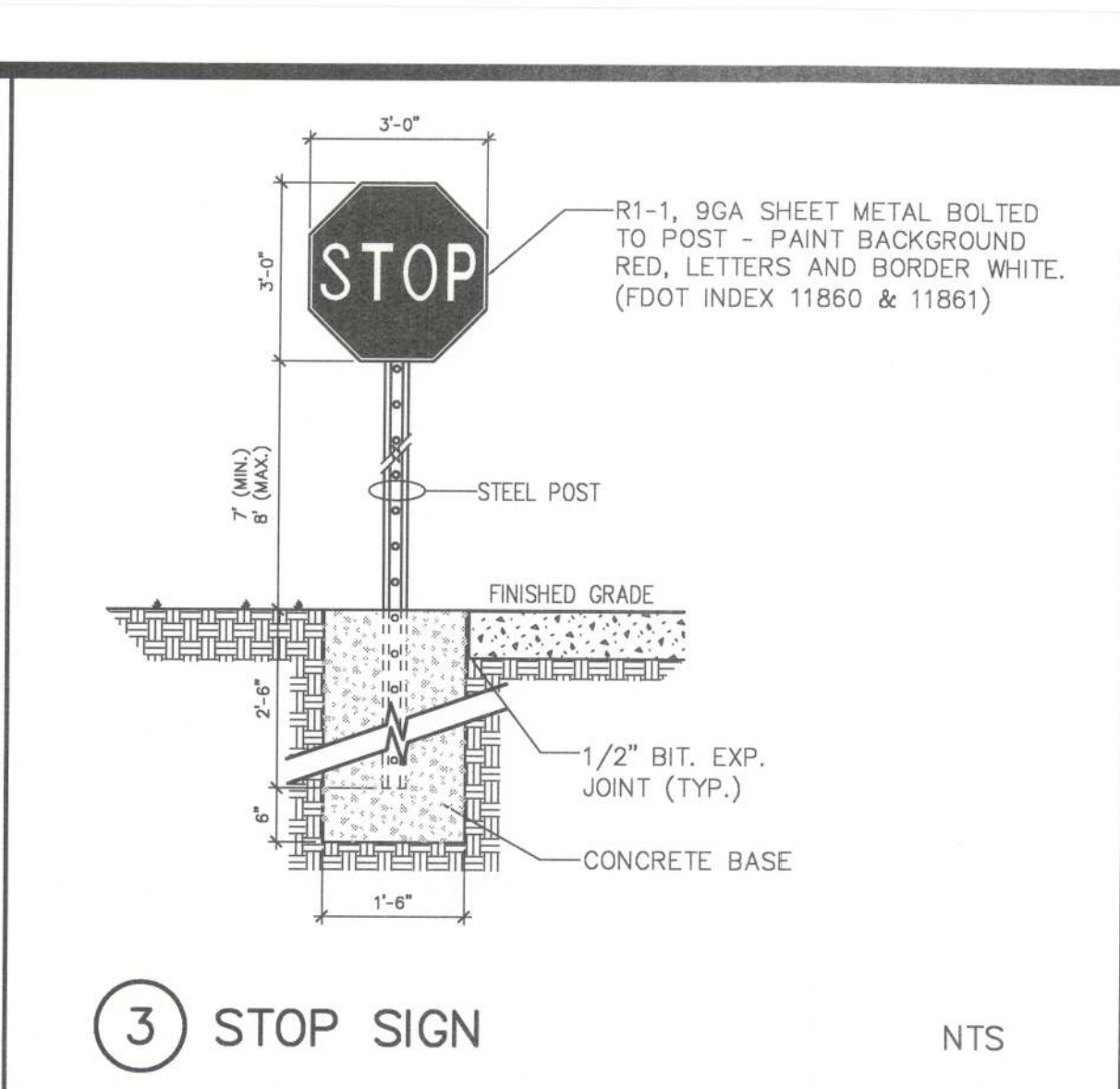
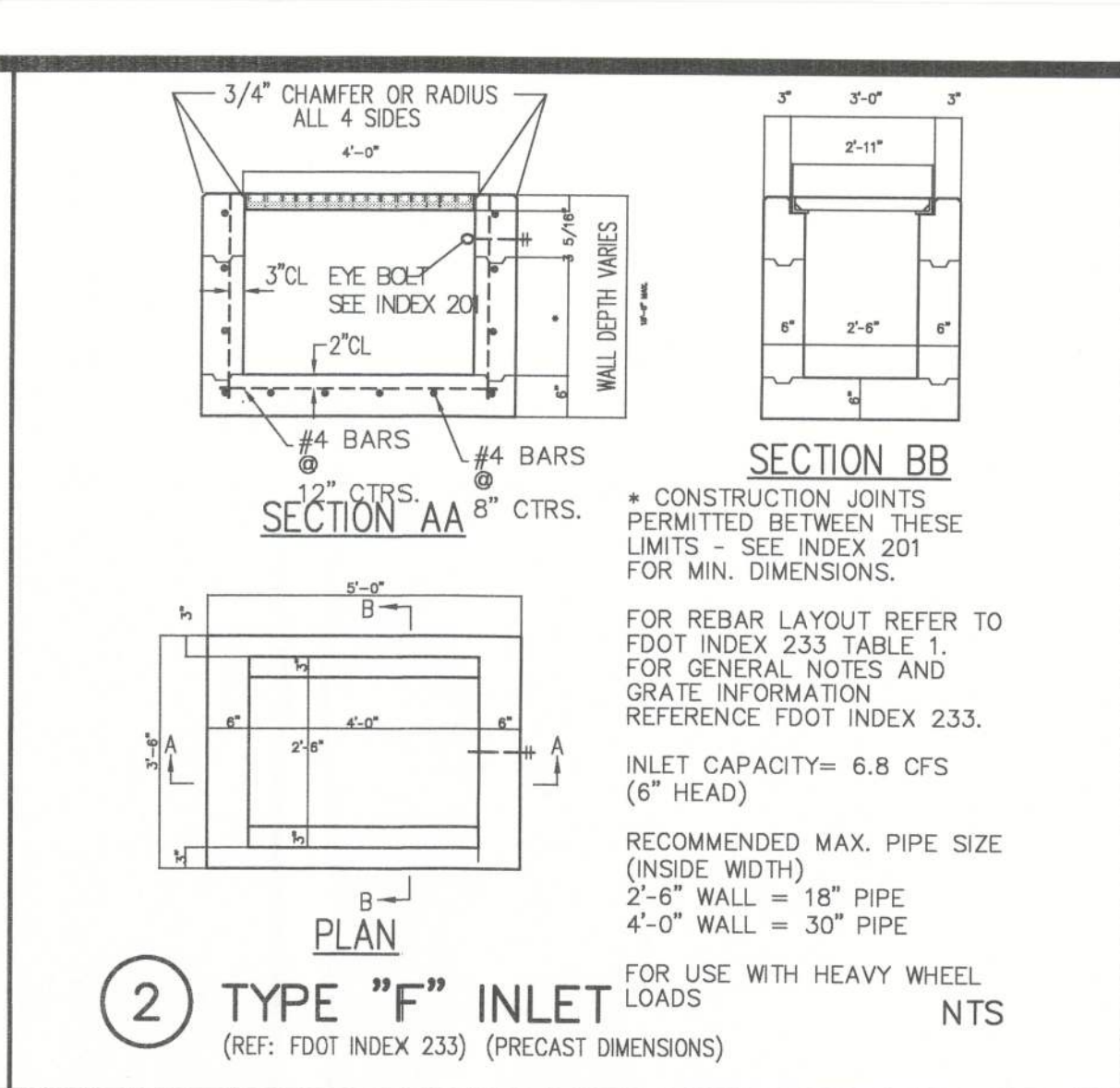
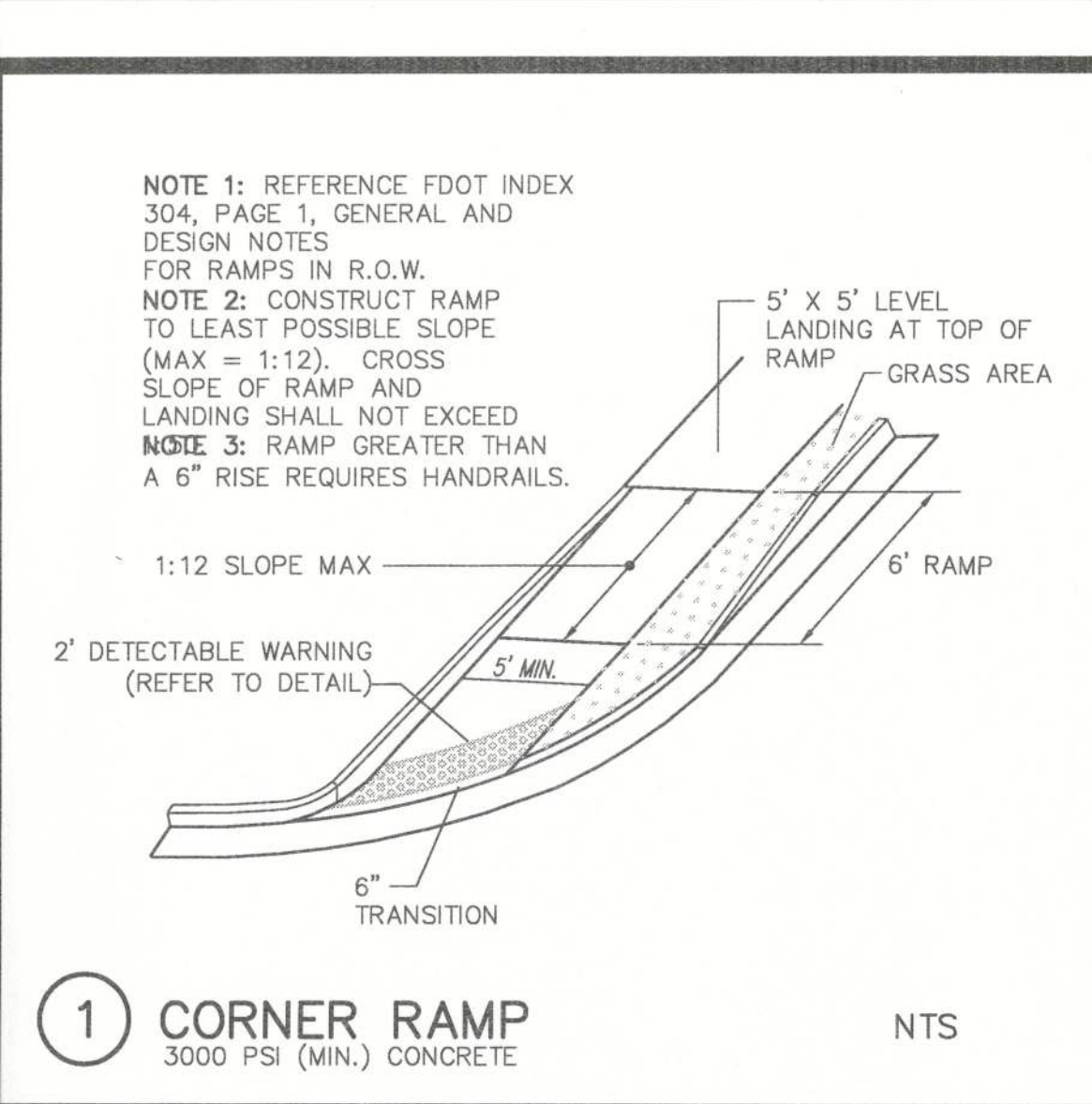




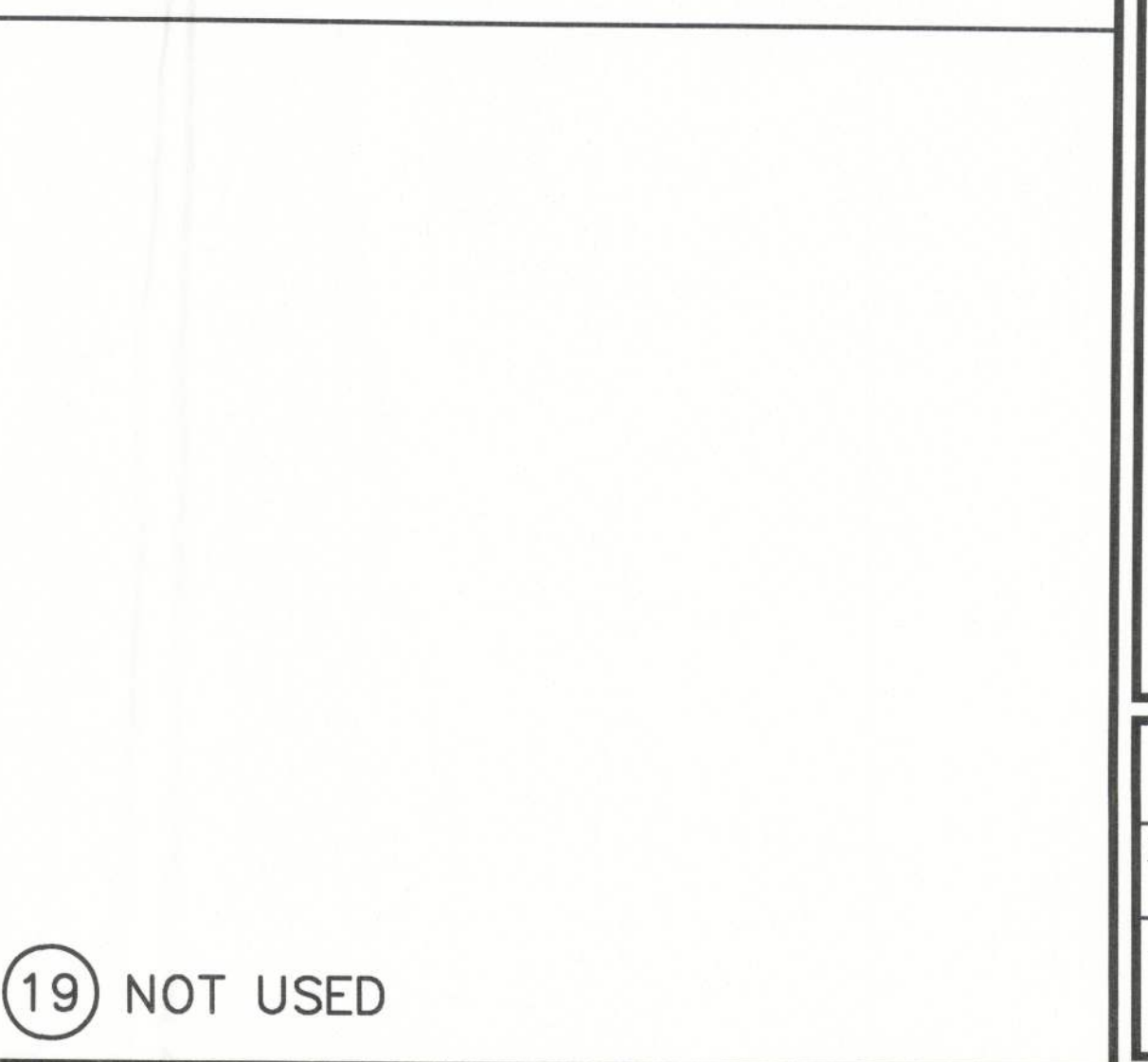
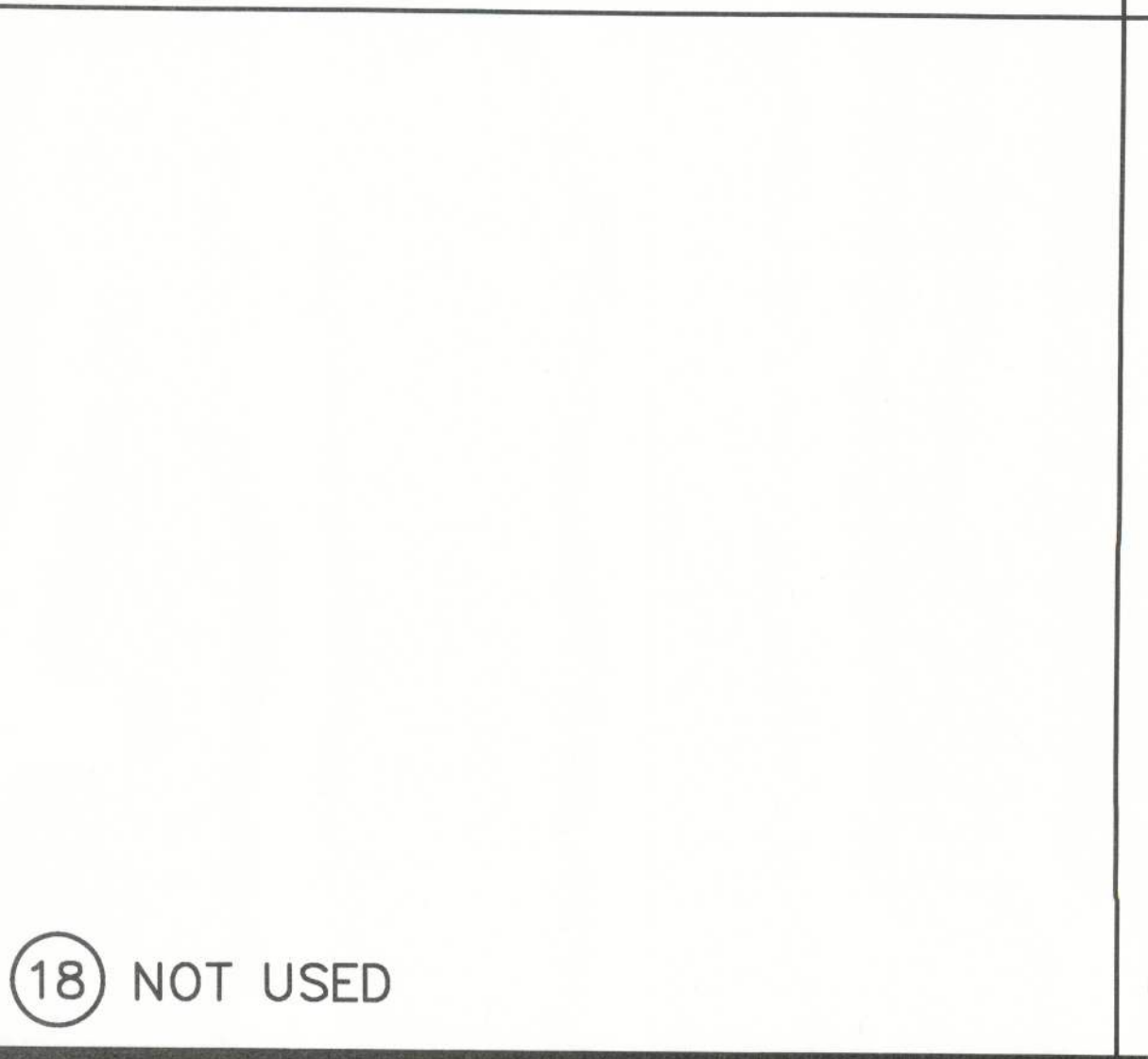
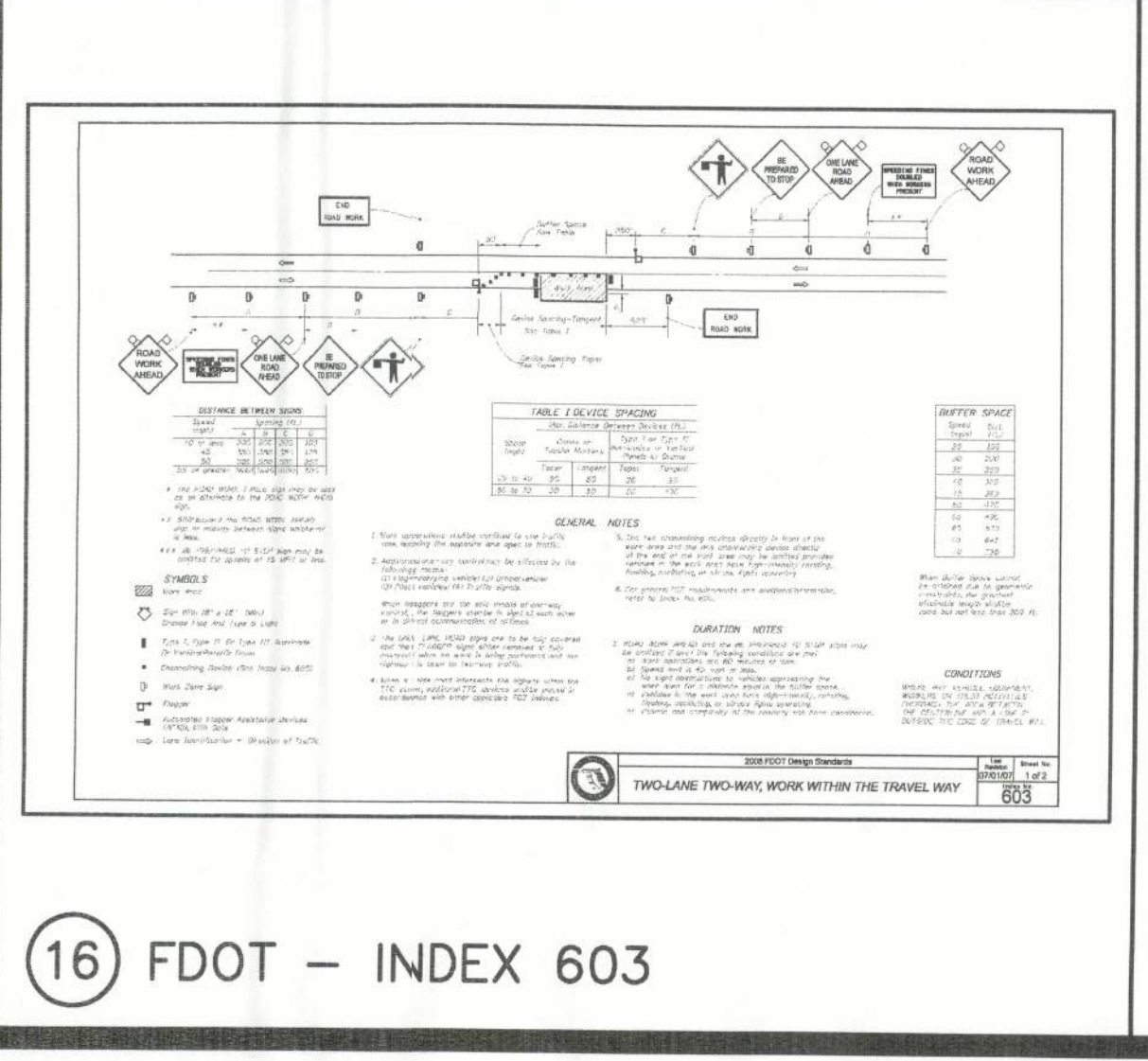
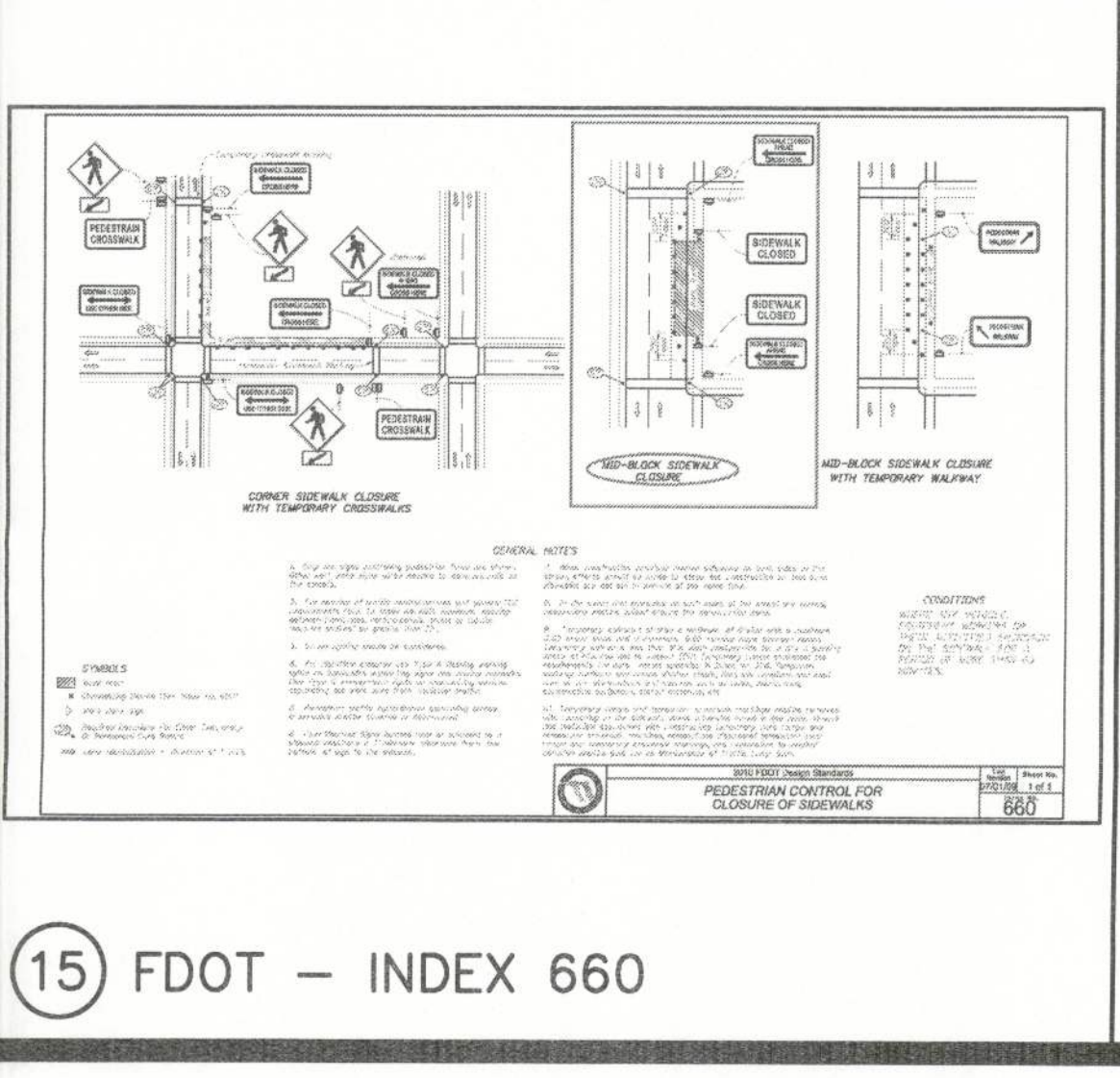
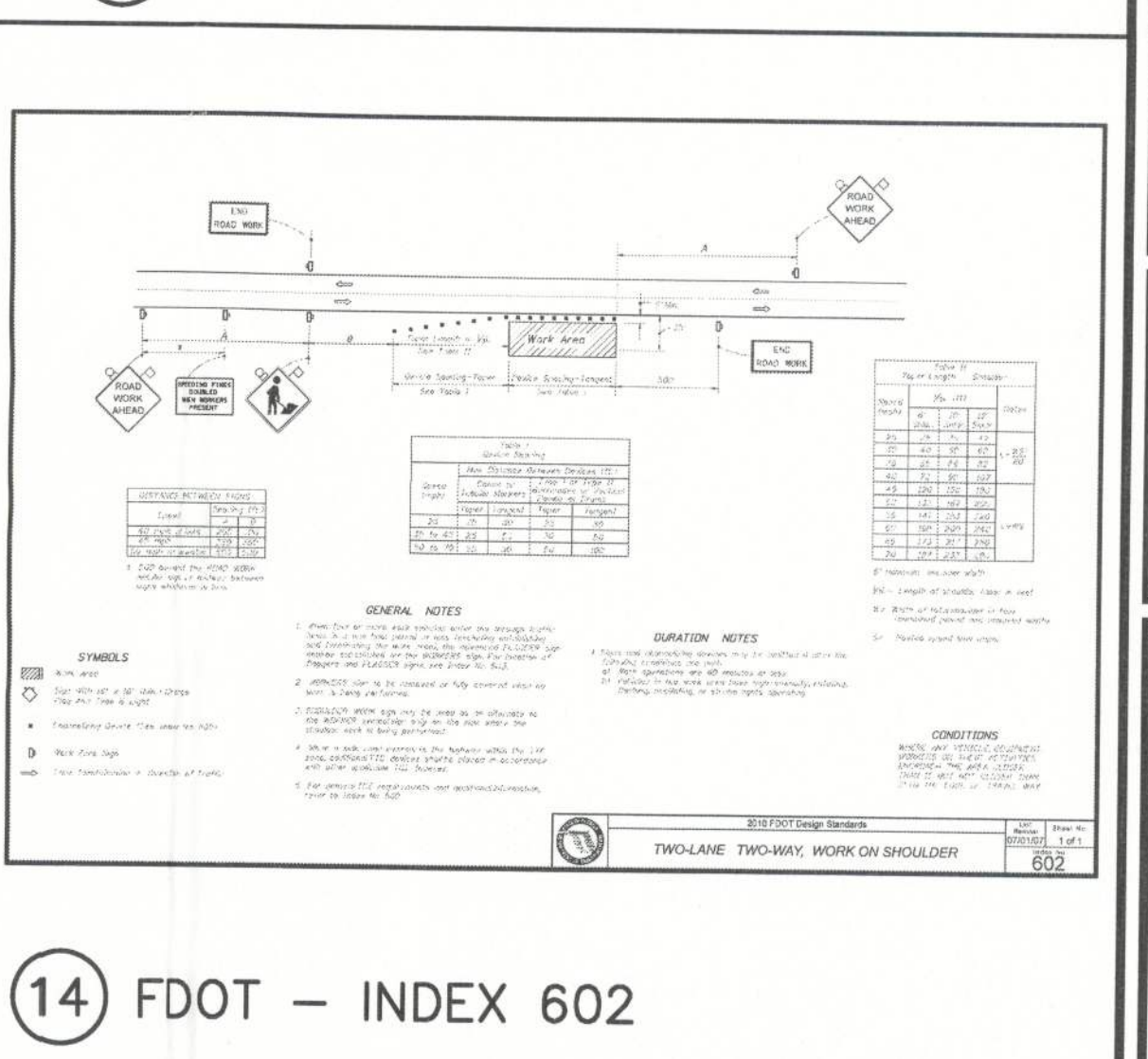
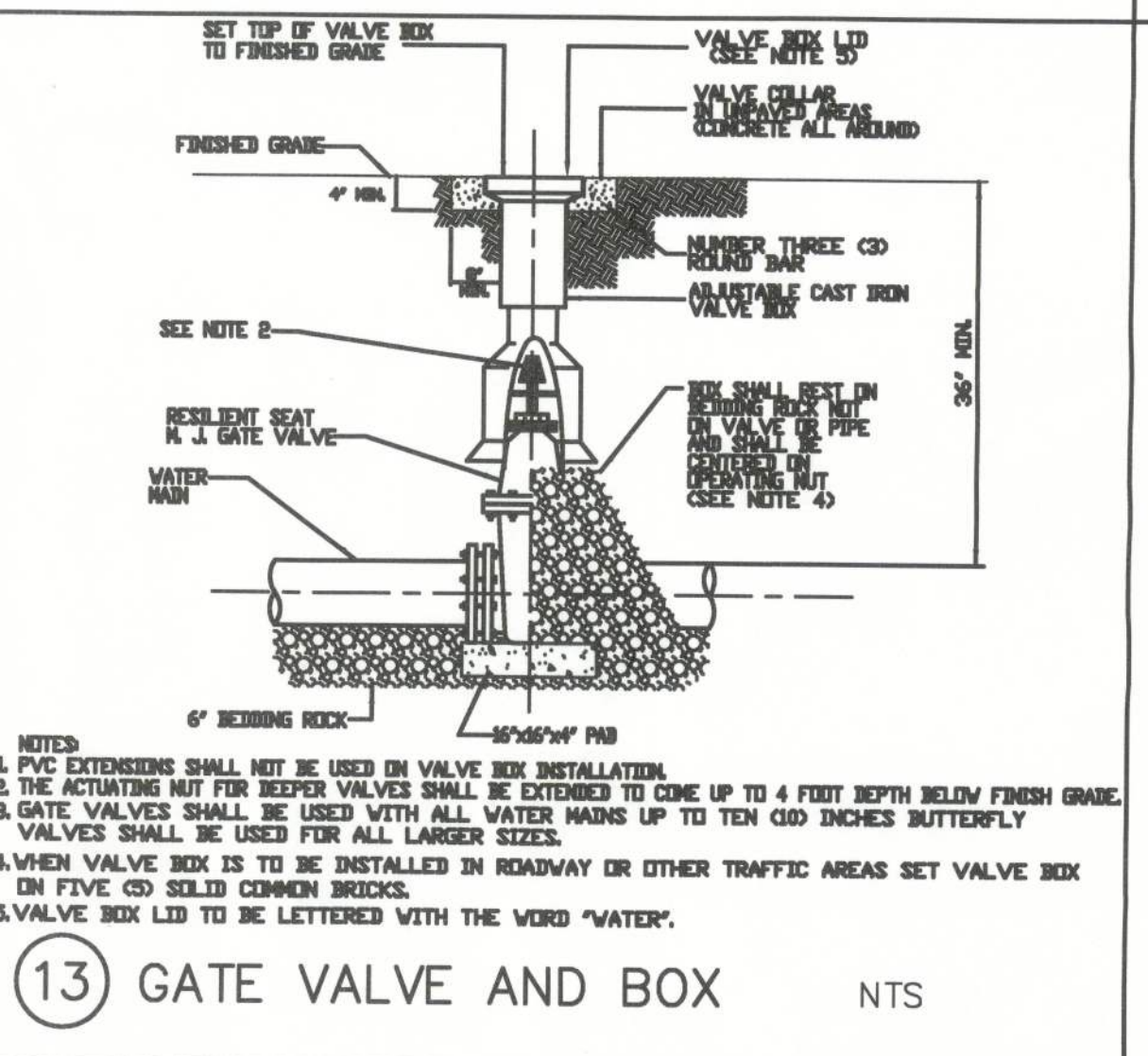
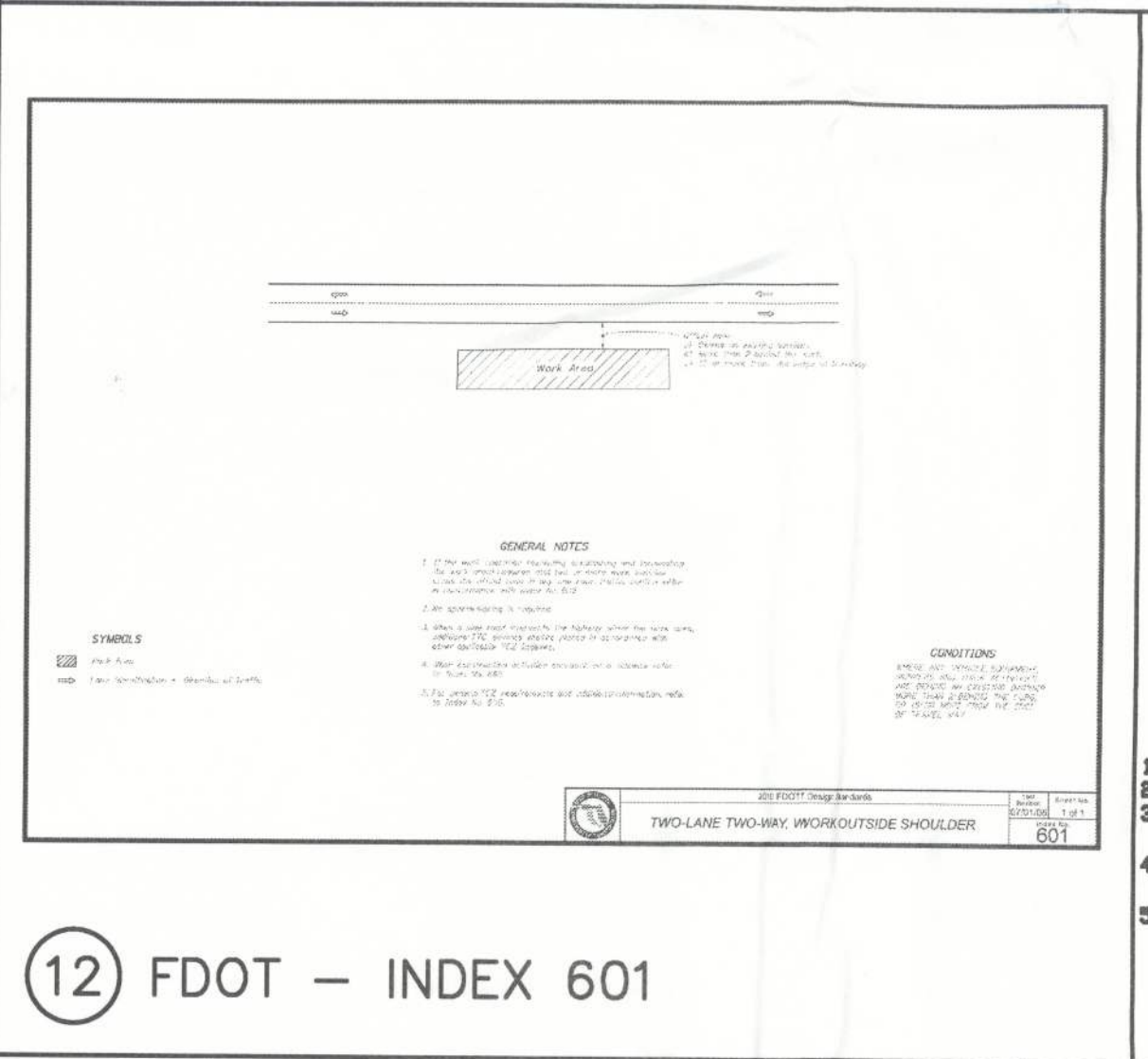
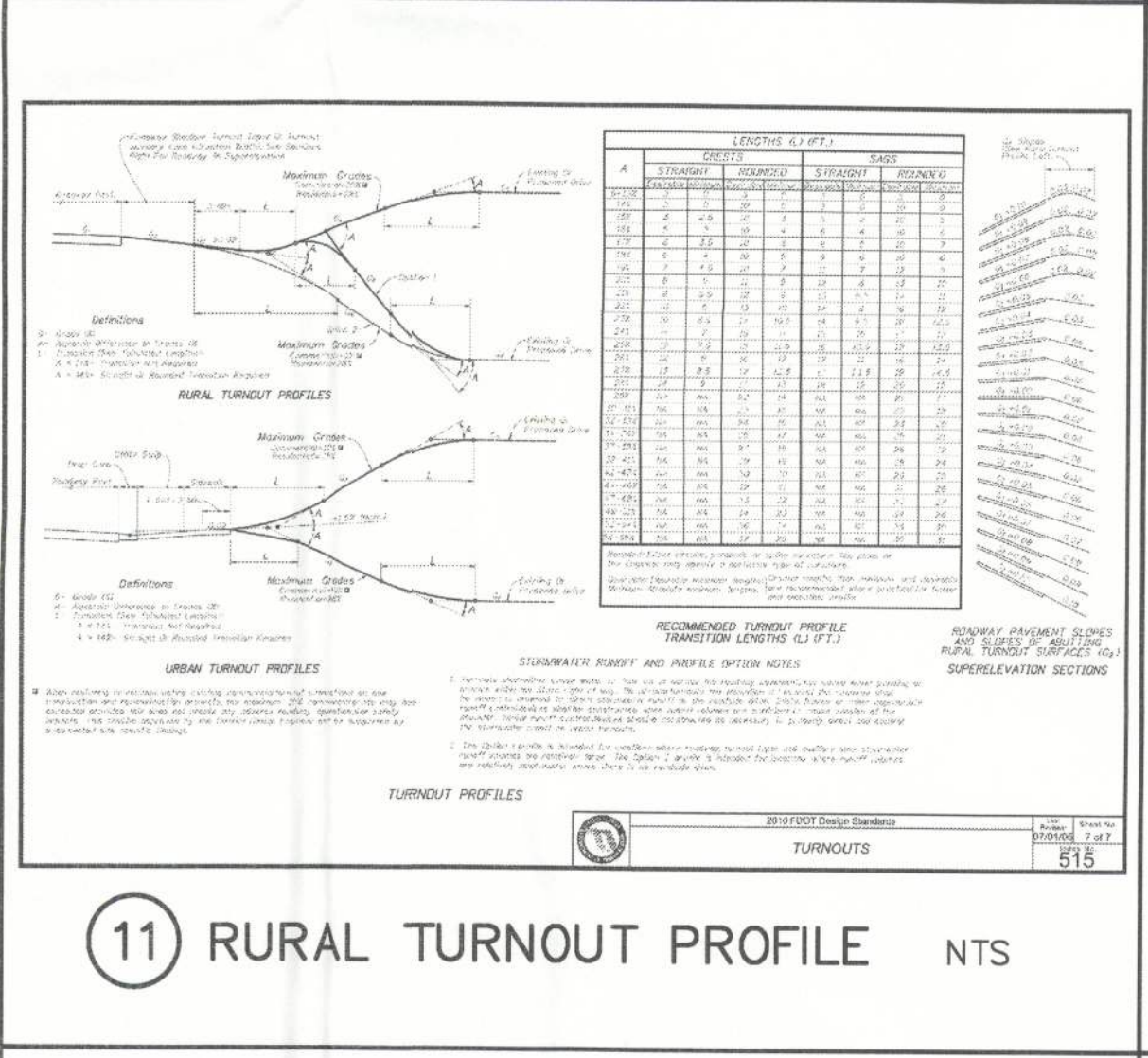
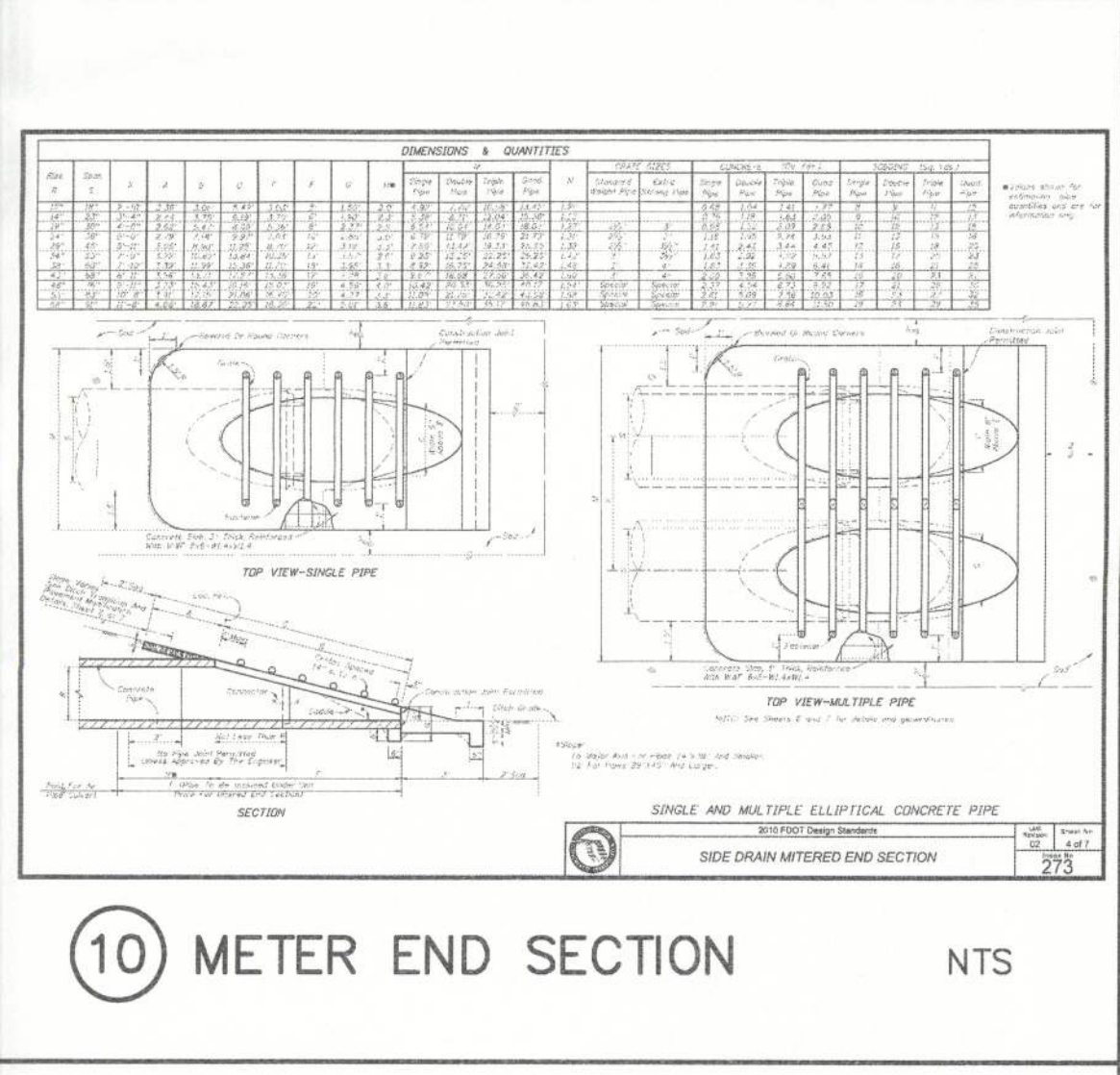
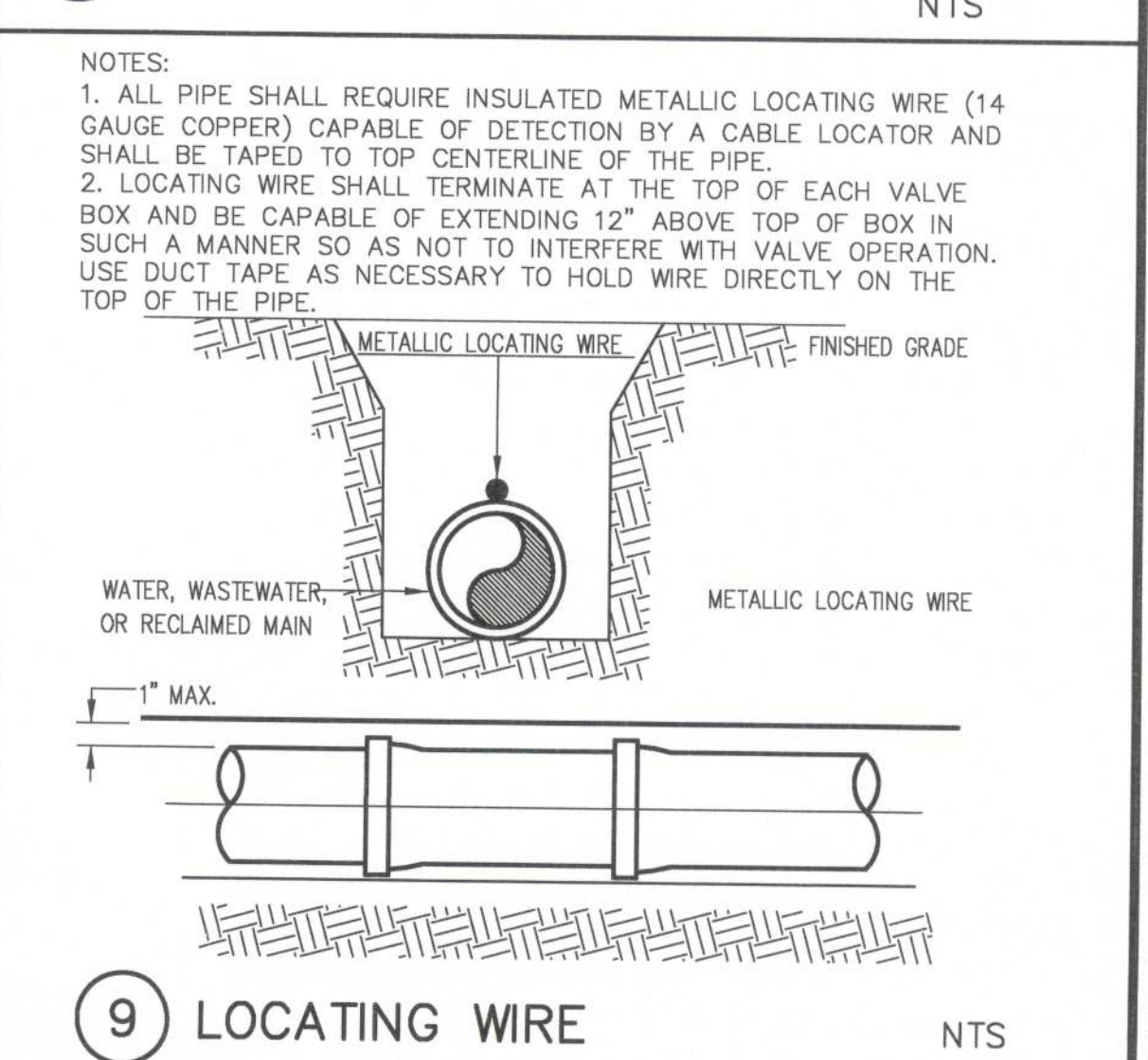
MAN SEWER PIPE LENGTHS NOTED IN THE DRAWINGS REFLECT ONLY PIPE ITSELF. WHERE A MITERED END SECTION IS INSTALLED ON PIPE, ITS ADDITIONAL PIPE LENGTH SHALL BE INCLUDED IN THE COST OF THE MITERED END SECTION.

DIMENSIONS AND QUANTITIES

D	A	B	C	E	F	G	M			
							SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD.
15"	1.92	2.18	4.10	2.06	5'	1.22	4.63	7.21	9.79	
18"	1.87	2.14	4.21	2.56	6'	1.41	4.92	7.75	10.58	
24"	2.06	3.85	5.91	3.56	7'	1.73	5.50	8.92	12.33	
30"	2.15	4.95	7.10	4.56	8'	2.00	6.08	10.33	14.58	
36"	2.25	6.08	8.33	5.56	9'	2.24	6.67	11.75	16.83	
42"	2.34	7.21	9.55	6.56	10'	2.43	7.25	13.25	19.25	
48"	2.43	8.33	10.76	7.56	11'	2.65	7.83	14.58	21.33	
54"	2.52	9.44	11.96	8.56	12'	2.83	8.42	16.08	23.75	
60"	2.62	10.56	13.18	9.56	14'	3.00	9.00	17.50	26.00	
66"	2.71	11.68	14.39	10.56	15'	3.18	9.58	18.75	27.92	
72"	2.80	12.80	15.60	11.56	16'	3.30	10.16	20.16	30.16	
15"	2.27	4.09	6.36	4.03	8'	1.22	4.63	7.21	9.79	
18"	2.36	5.12	7.48	5.03	9'	1.41	4.92	7.75	10.58	
24"	2.53	7.18	9.71	7.03	11'	1.73	5.50	8.92	12.33	
30"	2.70	9.25	11.95	9.03	13'	2.00	6.08	10.33	14.58	
36"	2.87	11.31	14.18	11.03	15'	2.24	6.67	11.75	16.83	
42"	3.05	13.37	16.42	13.03	17'	2.43	7.25	13.25	19.25	
48"	3.22	15.43	18.65	15.03	19'	2.65	7.83	14.58	21.33	
54"	3.39	17.49	20.88	17.03	21'	2.83	8.42	16.08	23.75	
60"	3.56	19.55	23.11	19.03	23'	3.00	9.00	17.50	26.00	
66"	3.73	21.62	25.35	21.03	25'	3.18	9.58	18.75	27.92	
72"	3.91	22.68	26.59	23.03	27'	3.30	10.16	20.16	30.16	

* SLOPE: 4:1 MITER - TO C PIPE FOR PIPES 18" AND SMALLER
2:1 FOR PIPES 24" AND LARGER

NTS



Stephens Barrios
Road Bridge Development Civil Engineering

By: _____
Revision/Issue: _____
Date: _____
No: _____

SEAL

JOAQUIN A. MOJICA, PE
PE No. 60488

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407-266-2610

PARKLAND ENGINEERING GROUP

FAMILY DOLLAR

7270-7350 S.W. U.S. HWY. 27
FT. WHITE, FLORIDA

UTILITY & DRAINAGE DETAILS

Date: 11/18/11
Project #: 12-001
Sheet: C5.0