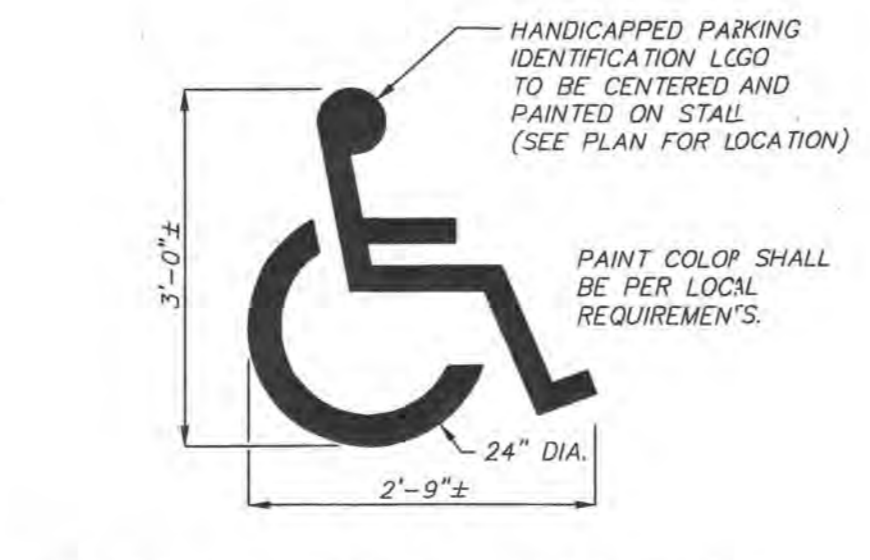
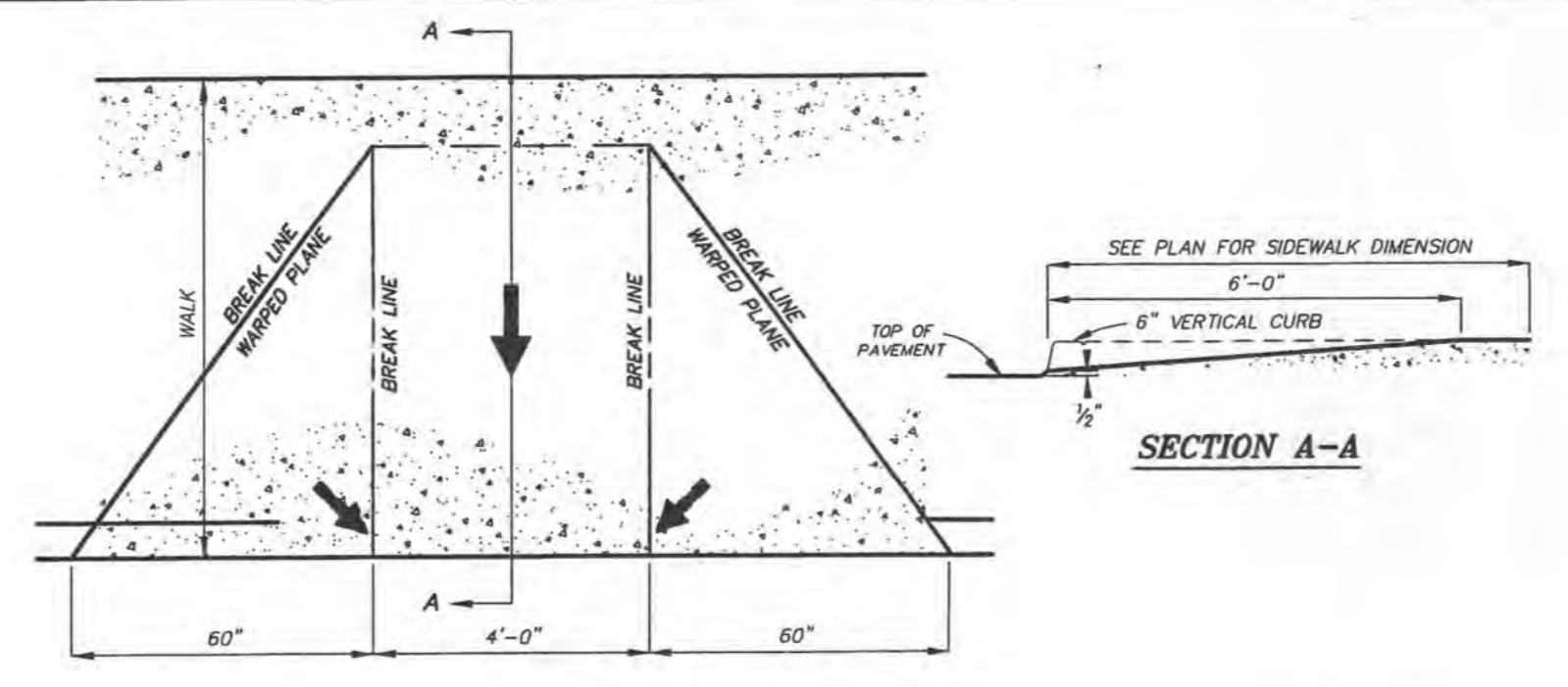


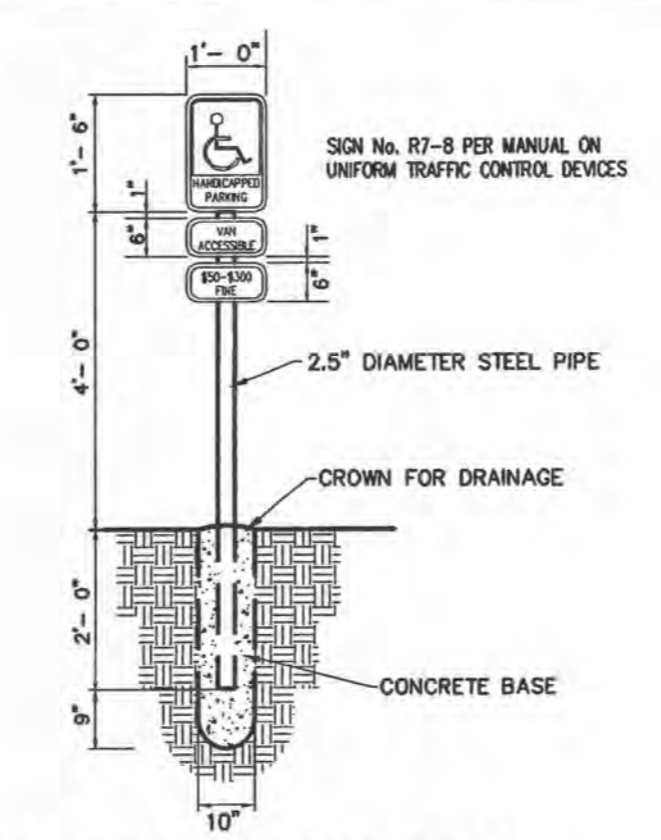
6" ASPHALT CURB



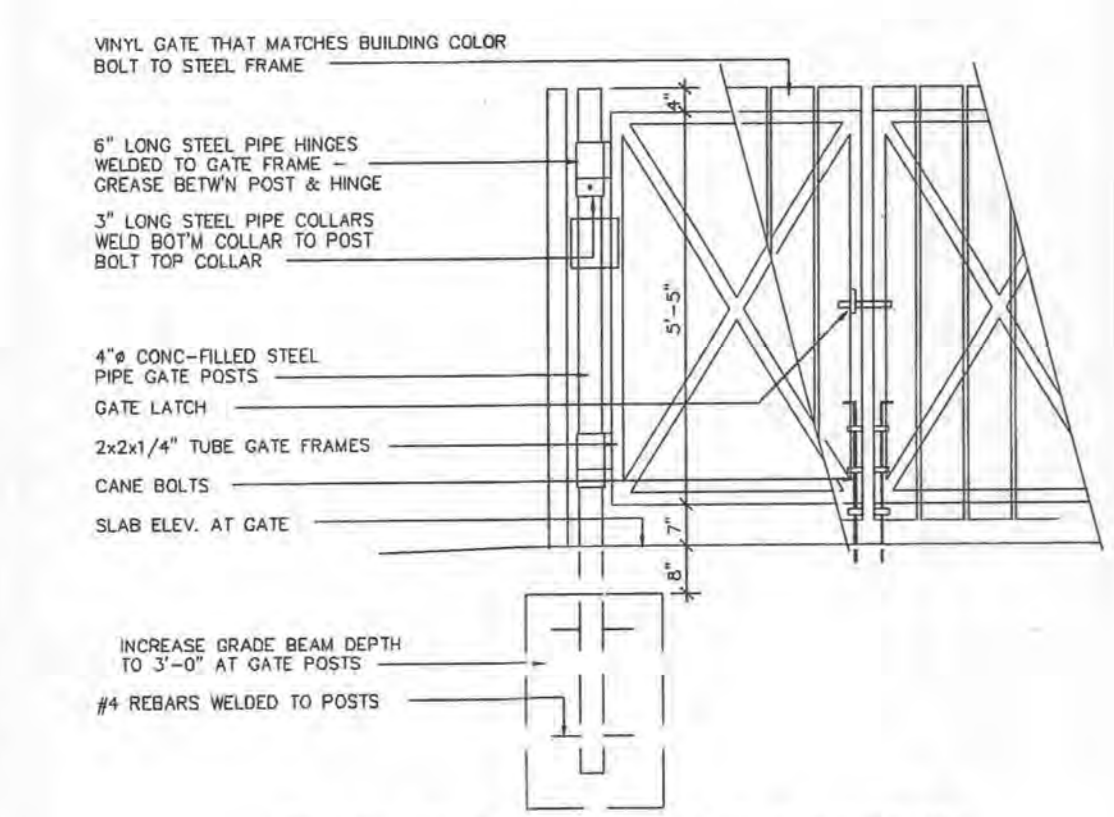
HANDICAPPED PARKING MARKING  
N.T.S.



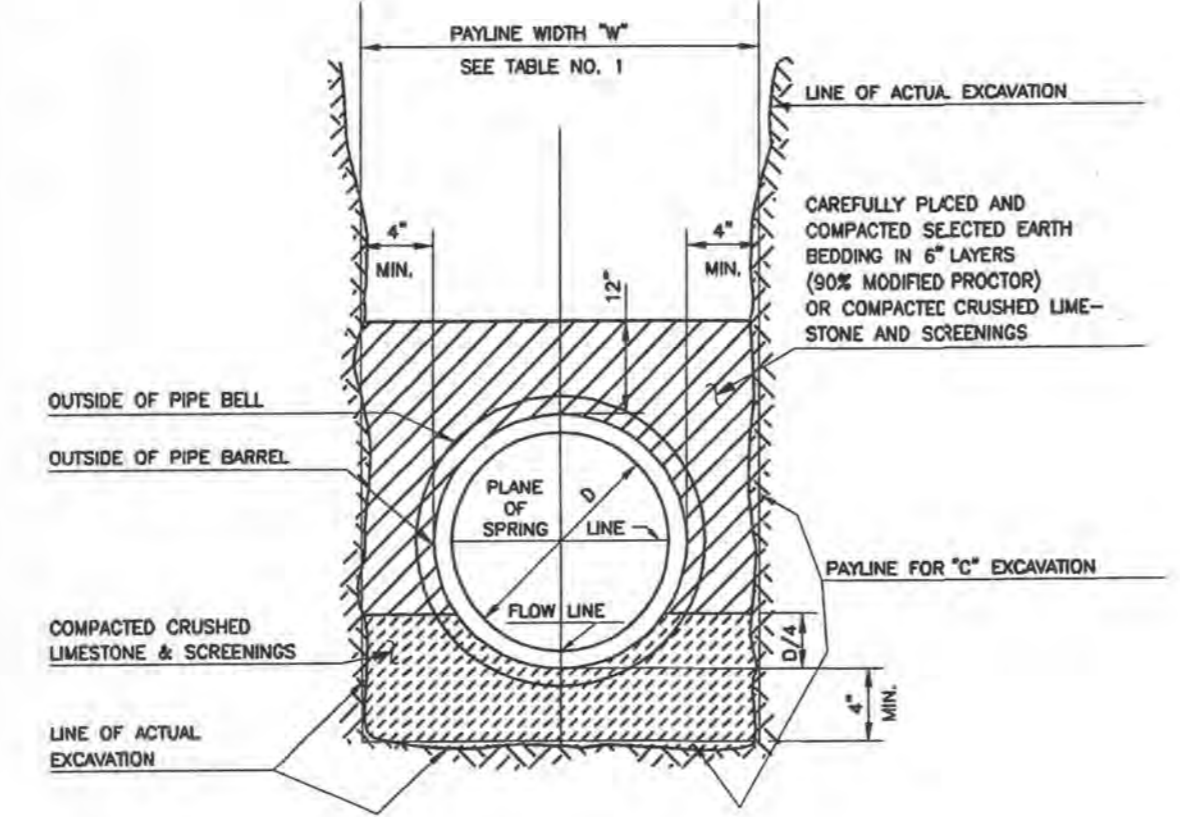
STRAIGHT CURB  
HANDICAPPED RAMP DETAIL  
N.T.S.



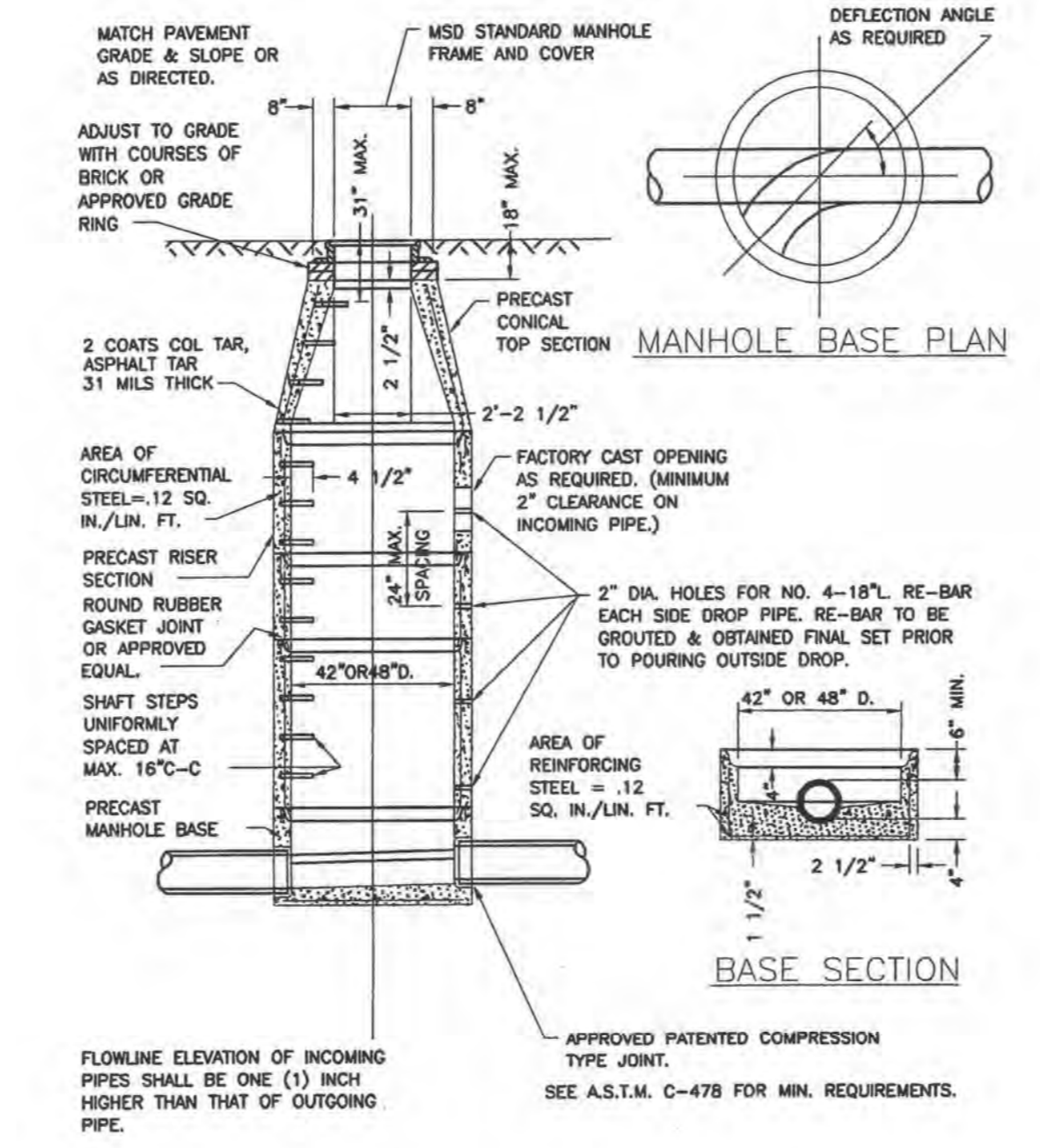
HANDICAPPED SIGN DETAIL  
N.T.S.



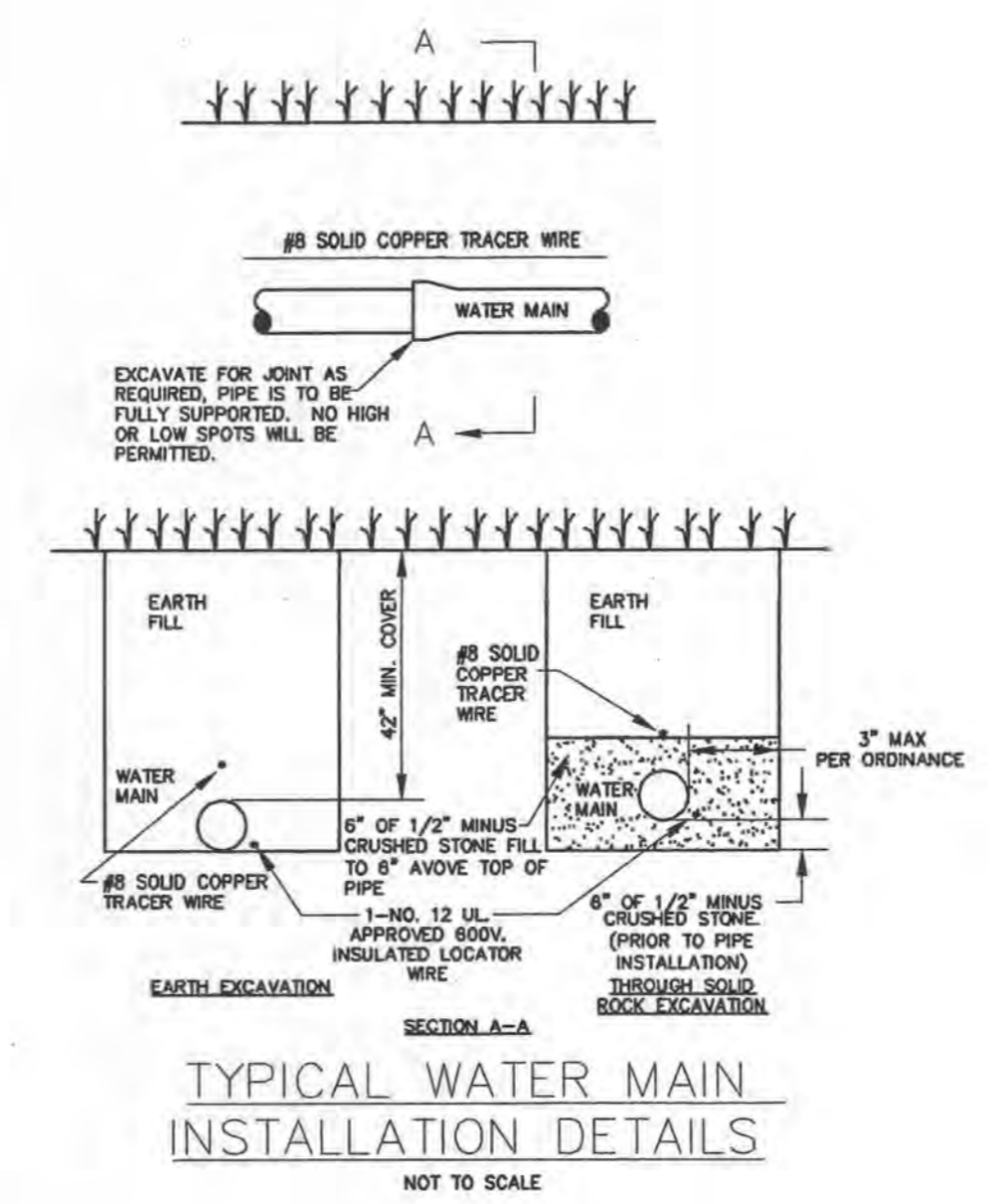
TRASH ENCLOSURE GATE ELEVATION  
N.T.S.



PIPE BEDDING CLASS "C"  
(FOR ALL PIPE EXCEPT REINFORCED CONCRETE PIPE)

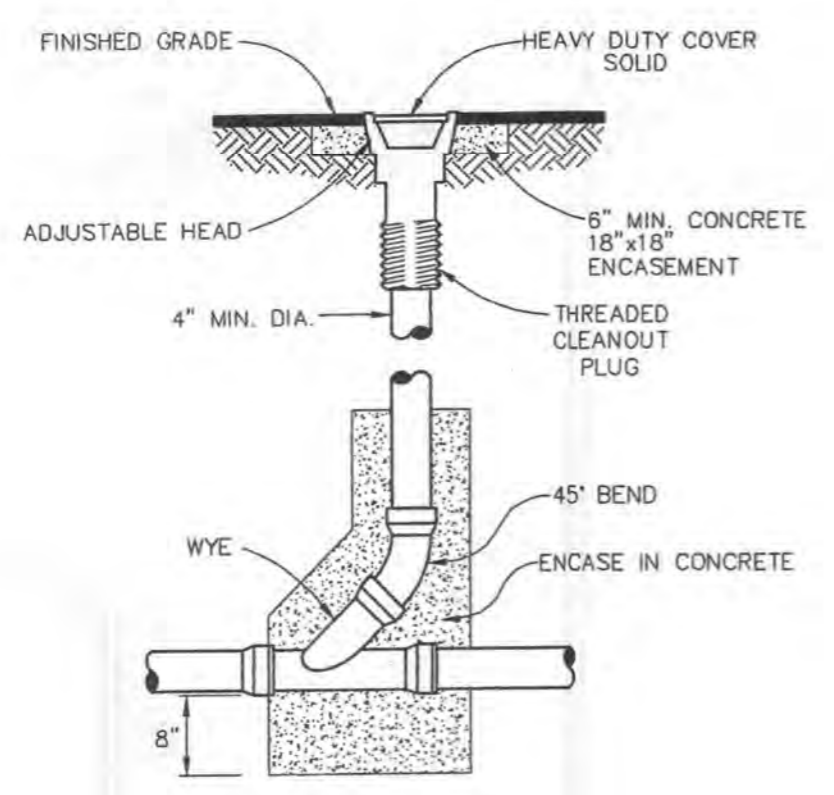


PRE-CAST CONCRETE MANHOLE  
FOR SEWERS  
8" THROUGH 12"



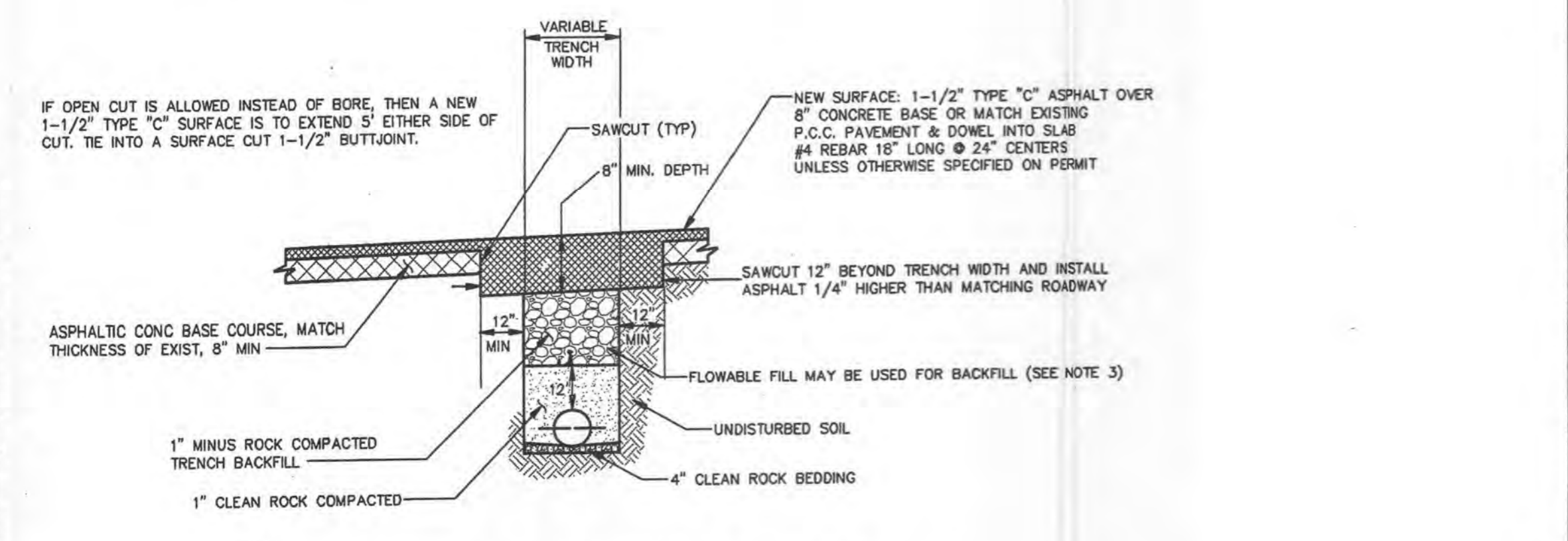
TYPICAL WATER MAIN  
INSTALLATION DETAILS  
NOT TO SCALE

ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (Inches)	Payline Width of Trench (Inches)	Payline Width of Trench (Feet)	Pay-quantity ex. ft. per ft. of Pipe (Concrete Encasement)	Inside Diameter of Pipe (Inches)	Payline Width of Trench (Inches)	Payline Width of Trench (Feet)	Pay-quantity ex. ft. per ft. of Pipe (Concrete Encasement)
4	28	2.33	3.50				
6	28	2.33	3.46				
8	28	2.33	3.70				
10	28	2.33	3.88				
12	28	2.33	3.98				
15	32	2.67	4.89				
18	35	2.92	5.63	14 X 23	41	3.42	5.94
21	39	3.25	6.41				
24	42	3.50	7.39	19 X 30	49	4.08	7.68
27	45	3.75	8.18	22 X 34	53	4.42	8.61
30	48	4.08	9.30	24 X 38	58	4.83	9.70
33	53	4.42	10.33	27 X 42	62	5.17	10.71
36	56	4.67	11.43	29 X 45	66	5.50	11.72
39	61	5.00	12.45	32 X 49	71	5.92	13.14
42	63	5.25	13.38	34 X 53	75	6.25	14.05
48	70	5.83	15.67	38 X 60	83	6.92	16.18
54	77	6.42	18.18	42 X 68	92	7.67	18.81
60	84	7.00	20.73	48 X 76	101	8.42	21.59
66	91	7.58	23.45	53 X 83	109	9.08	24.35
72	98	8.17	26.37	58 X 91	118	9.83	27.45
78	105	8.75	29.39	63 X 98	126	10.50	30.50
84	112	9.33	32.57	68 X 106	135	11.25	33.91
90	119	9.92	35.90	72 X 113	143	11.92	36.99
96	126	10.50	39.37	77 X 121	152	12.67	40.69
102	133	11.08	42.99	82 X 128	160	13.33	44.45
108	140	11.67	46.73	87 X 136	168	14.00	47.79
114	147	12.25	50.68	92 X 143	176	14.67	51.70
120	154	12.83	54.72	97 X 151	185	15.42	56.01
126	161	13.42	58.92				
132	168	14.00	63.27	108 X 168	202	16.83	64.48
144	182	15.17	72.40	116 X 180	216	18.17	73.59



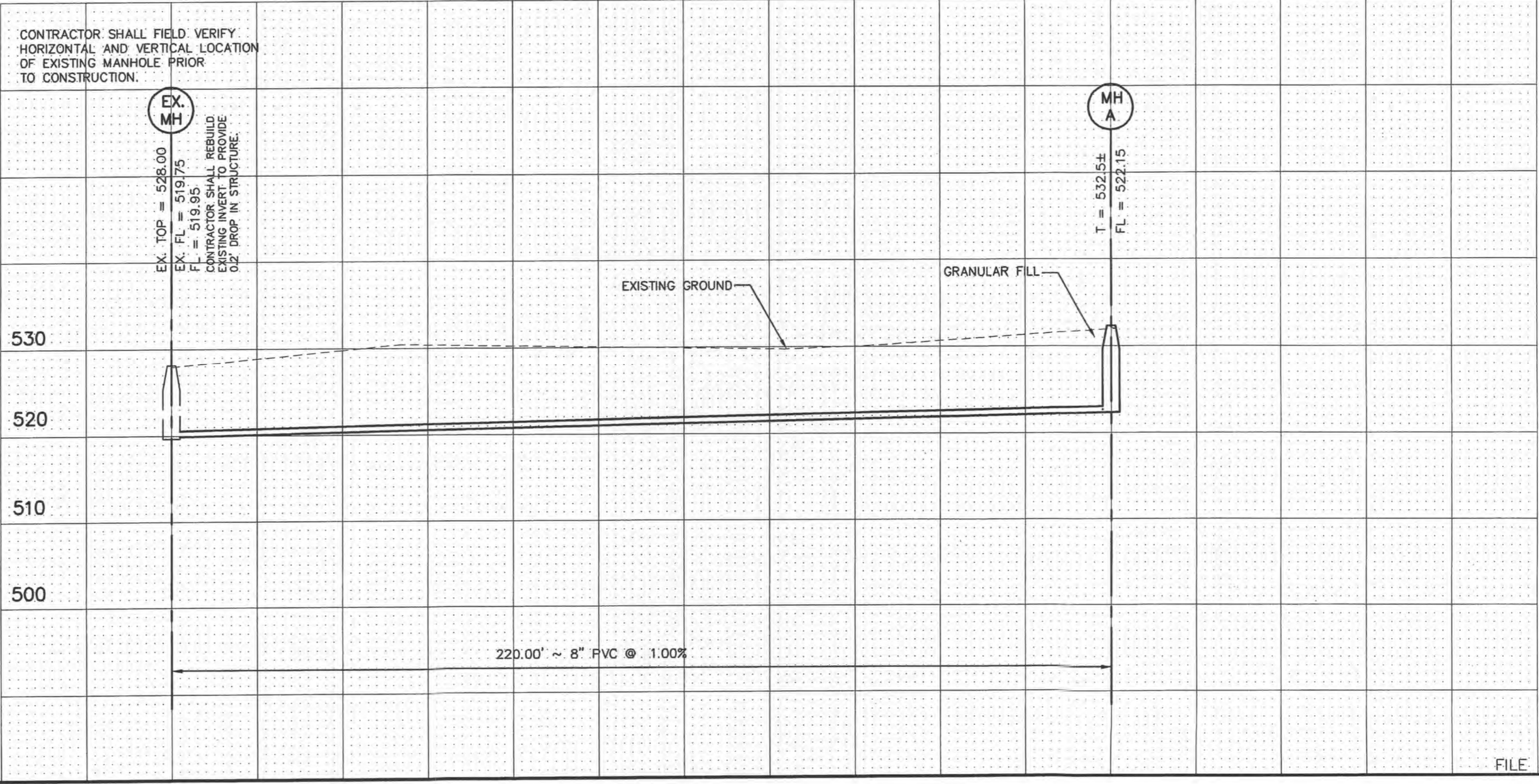
CLEANOUT DETAIL  
N.T.S.

TABLE NO. 1  
PAYLINE WIDTHS OF TRENCH AND  
PAY-QUANTITIES OF CONCRETE



- NOTES:
- CONTRACTOR TO OBTAIN RIGHT-OF-WAY CONSTRUCTION UTILITY PERMIT FROM THE CITY OF O'FALLON AND NOTIFY THEM FOR INSPECTION AT 536-378-5599 PRIOR TO ANY REPAIRS.
  - TRAFFIC CONTROL PER MODOT STANDARDS SHALL BE IMPLEMENTED.
  - ACTUAL TRENCH SLOPE TO BE DETERMINED BY CONTRACTOR IN ACCORDANCE WITH OSHA STANDARDS.
  - THE 12" SAWCUT BEYOND THE TRENCH WIDTH MAY BE OMITTED IF FLOWABLE FILL IS USED FOR BACKFILL.

STREET TRENCHING DETAIL  
AND CROSSING SECTION  
NOT TO SCALE



**PICKETT RAY & SILVER**  
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**BUTTON AUTO BODY  
SEWER PROFILE/DETAILS  
OF FALLON, MISSOURI**

1010 BRAMBLETT RD.  
OF FALLON, MO 63366  
(636) 978-2545

Prepared For:  
**Mr. Alan Button**

REVISIONS	NO.	DATE	DESCRIPTION
	06-17-03		PER CITY OF O'FALLON
	10-17-03		PER CITY OF O'FALLON

**ENGINEERS AUTHENTICATION**  
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authorized by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthorized.

**PICKETT, RAY & SILVER, INC.**  
STATE OF MISSOURI  
REGISTERED PROFESSIONAL ENGINEERS  
ERIC SCOTT KIRCHNER  
EX-0104815

DRAWN	J.M.W.	DATE	11-04-02
CHECKED	D.W.B.	DATE	11-04-02
PROJECT #	89107.ALBU.OOC		
TASK #	1	FIELD BOOK	1989J

**BUTTON AUTO BODY  
SEWER PROFILE/  
CONSTRUCTION DETAILS**  
SHEET 3 OF 3  
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