

LEGEND

1.0 - NOMINAL PIPE SIZE
 O.D. - OUTSIDE DIAMETER OF PIPE
 N - COVER ABOVE TOP OF PIPE
 A - EMBEDMENT BELOW PIPE (SEE TABLE)

TABLE OF EMBEDMENT DEPTHS BELOW PIPE

I.O.	A MIN. SOIL	A MIN. ROCK
2" & SMALLER	3"	6"

LEGEND

■ TAMPED BACKFILL
 ■ COMPACTED BACKFILL
 ■ GRANULAR BEDDING

NOTES:

Granular Bedding shall be crushed rock or pea gravel with not less than 95% passing 1/2" (95% passing 3/4" for 30" and larger pipe) and not less than 95% retained on a #4; to be placed in not more than 6" layers and compacted by slicing with a shovel or vibrating.

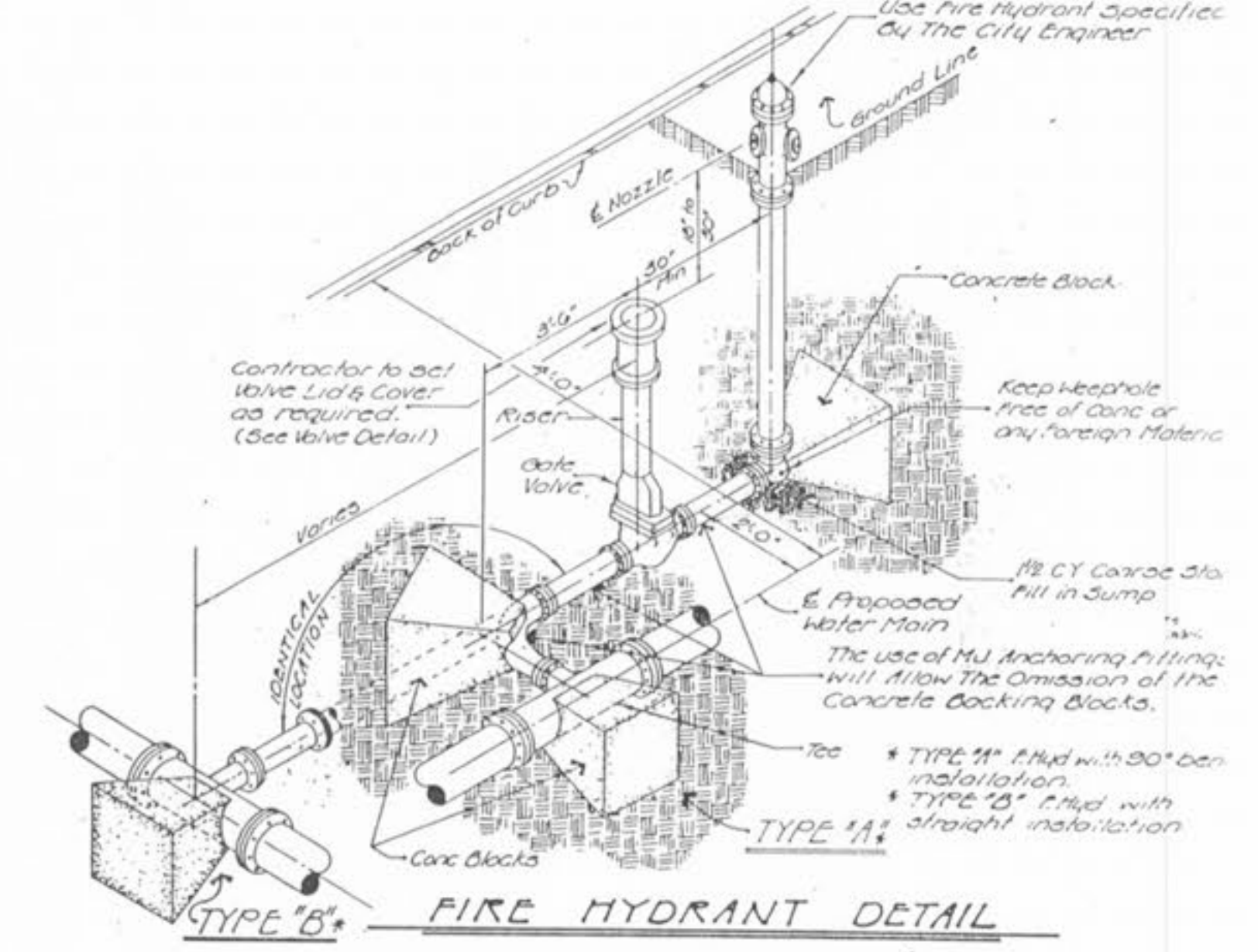
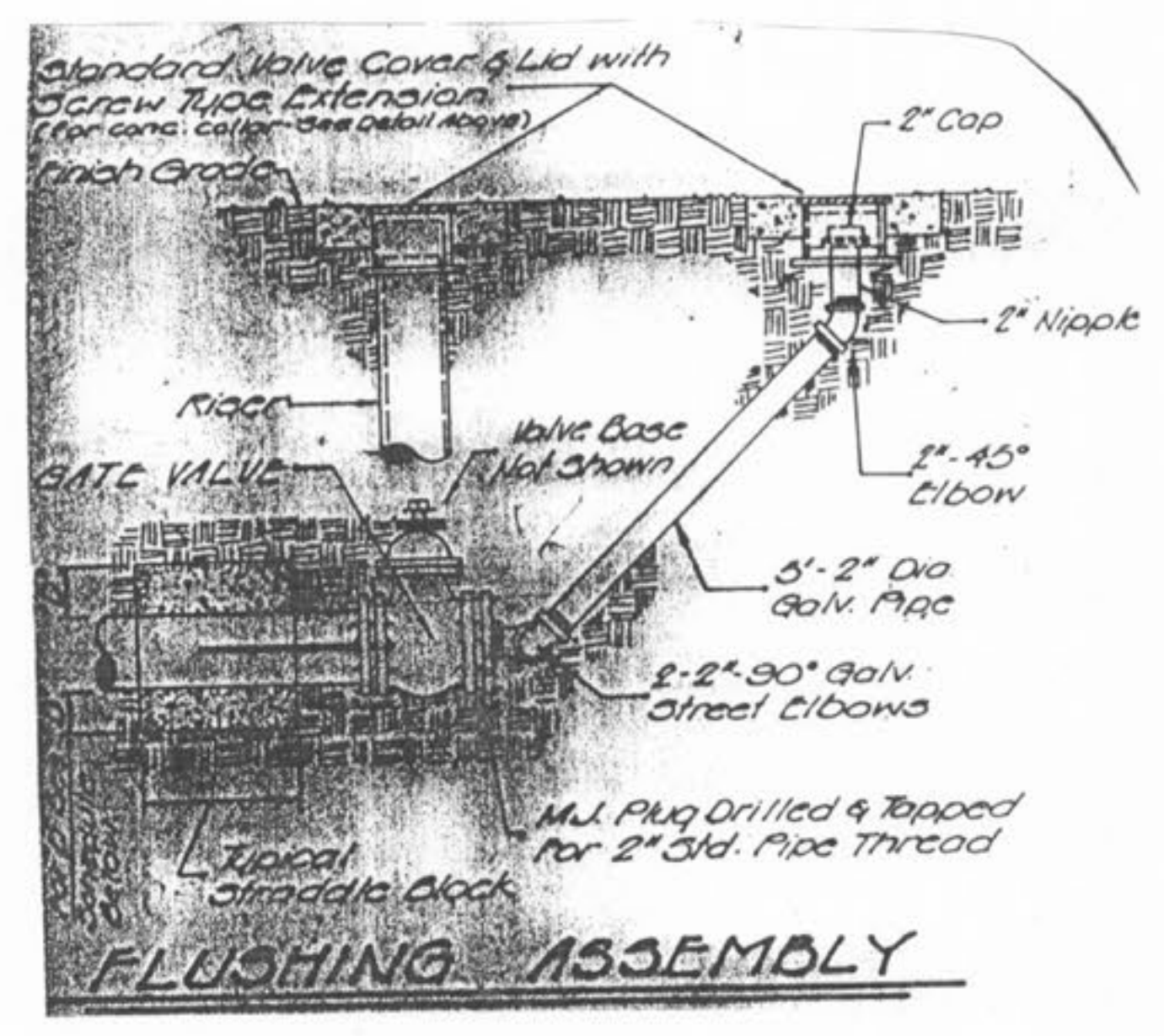
Compacted Backfill shall be finely divided job excavated material free from debris, organic material, and stones, placed in uniform layers not more than 8" thick and tamped around conduit pipe. Granular backfill material may be substituted for all or part of compacted backfill.

Tamped Backfill shall be finely divided job excavated material free from debris, organic material, and stones, hand placed in uniform layers not more than 8" thick and tamped around conduit pipe. Granular backfill material may be substituted for all or part of tamped backfill.

Trench Backfill shall be as required in the "Laying and Backfill" Section of the Detailed Specifications.

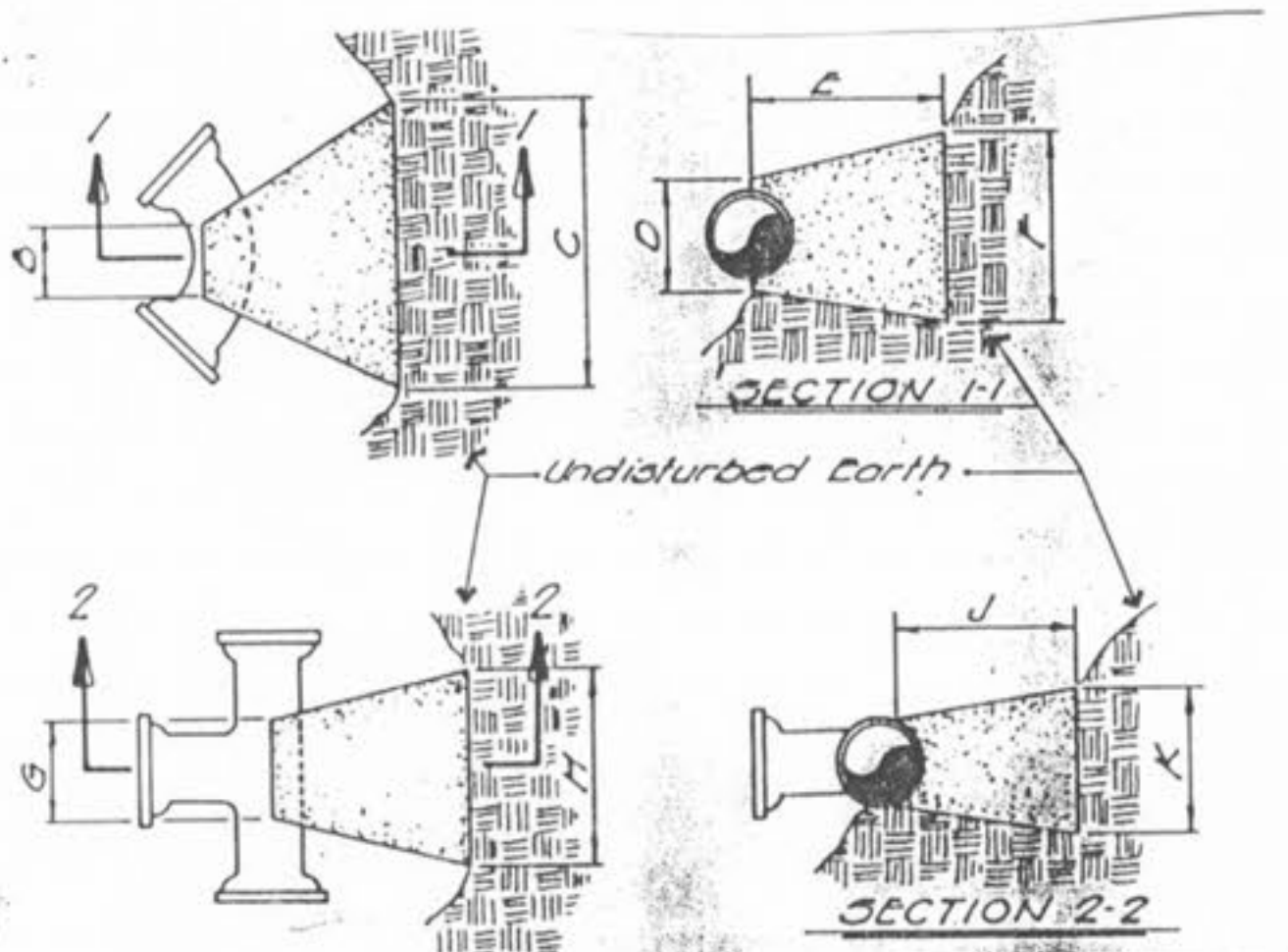
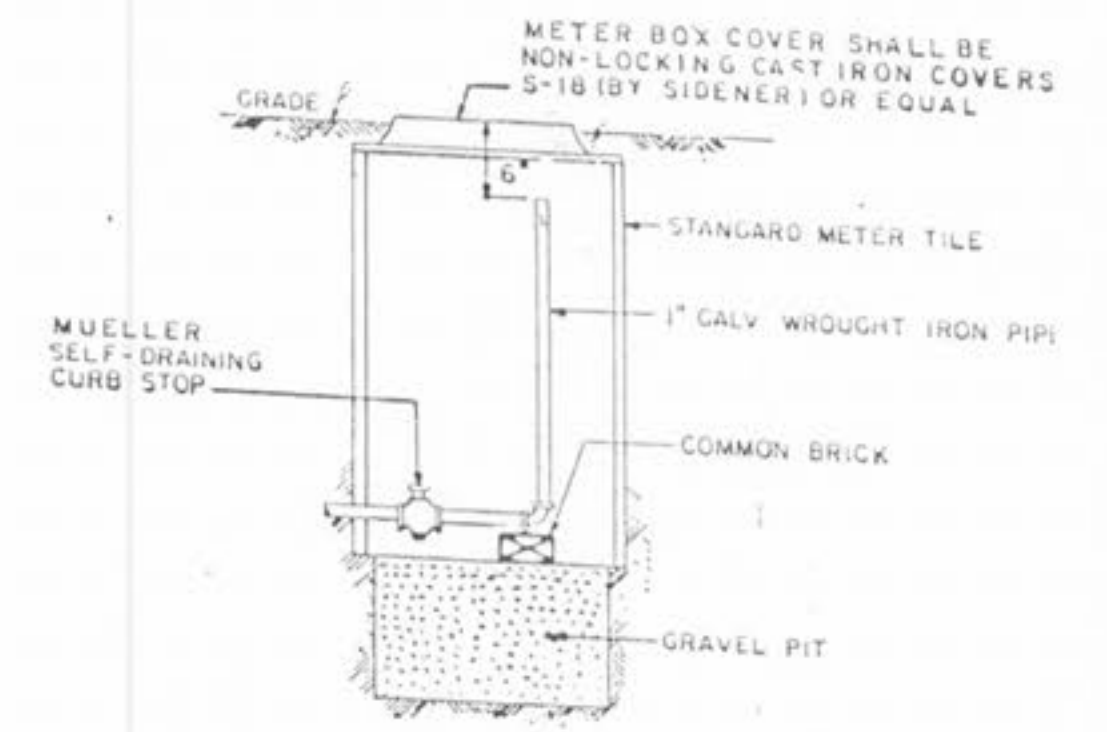
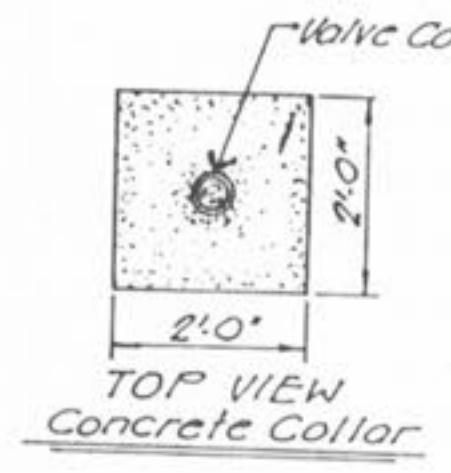
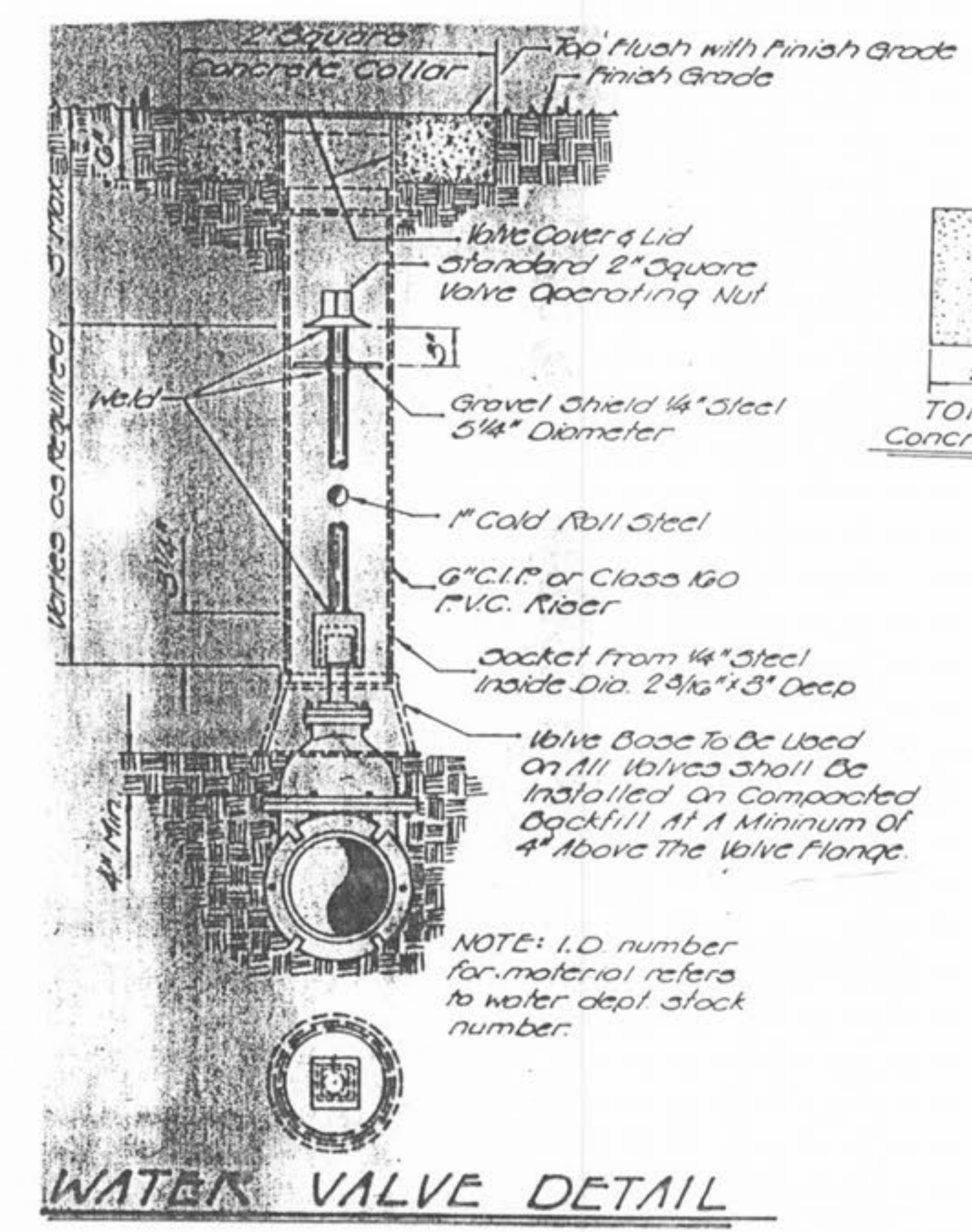
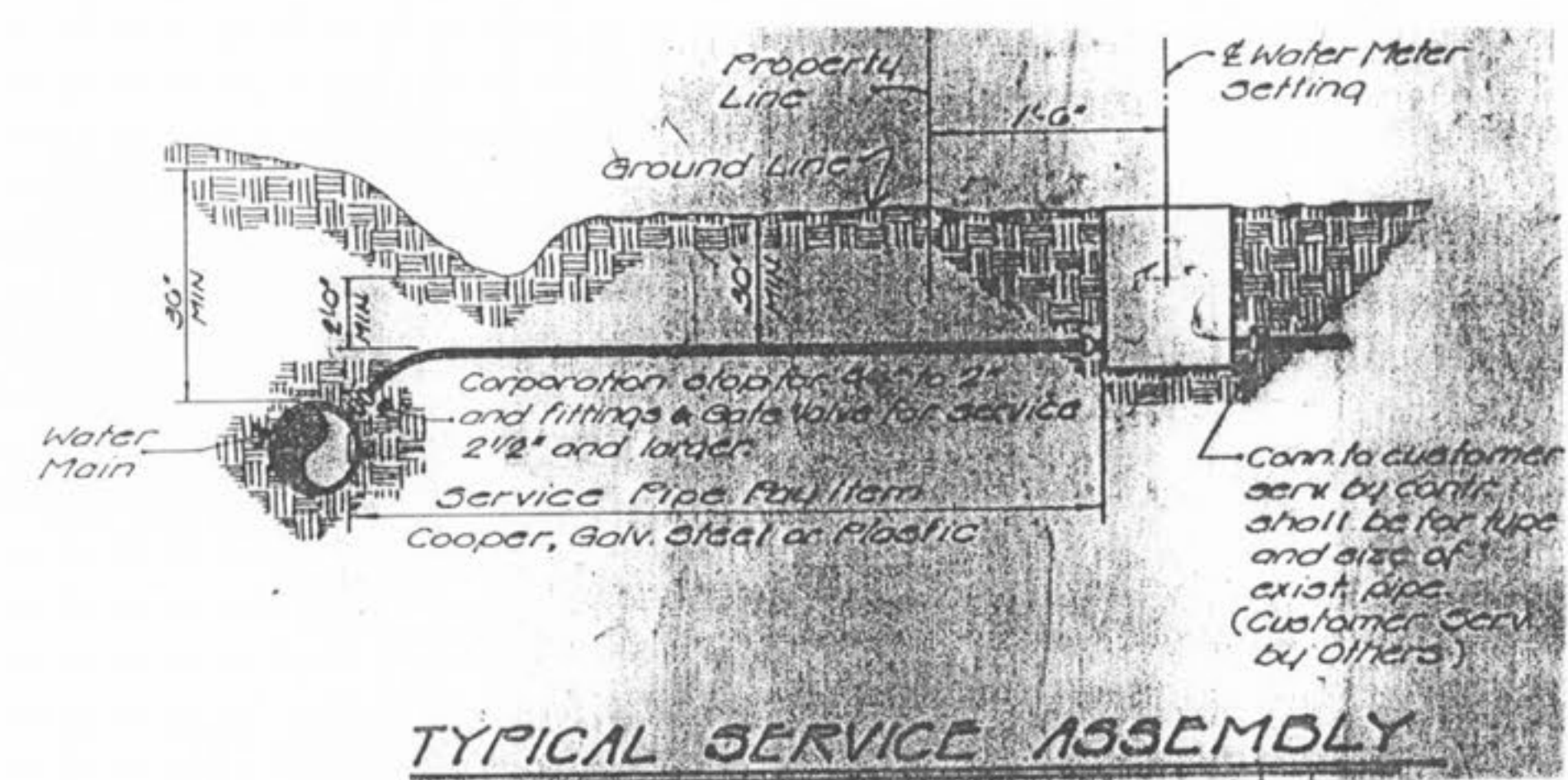
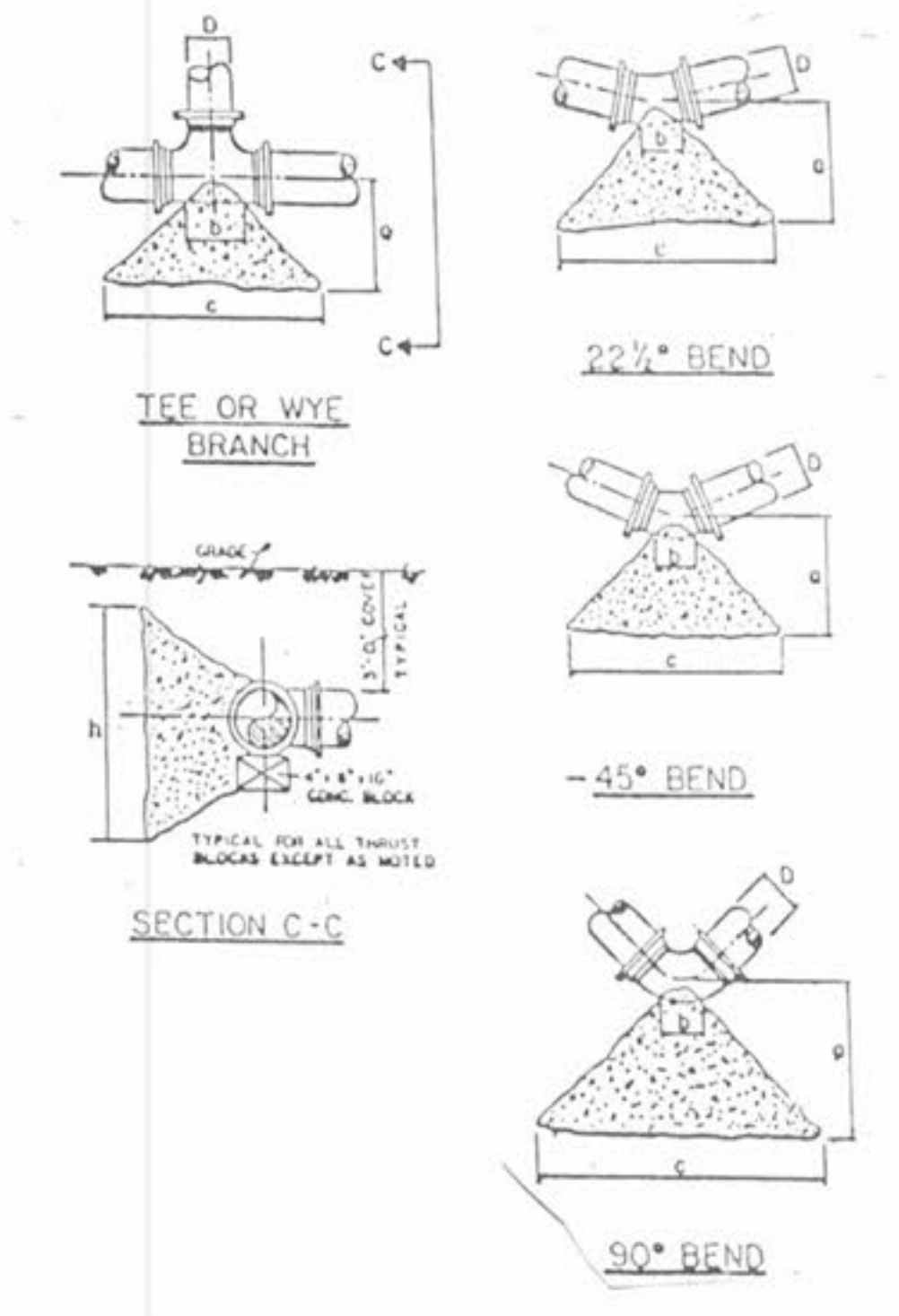
Embedment: The type of embedment to be used shall be as specified in the plans and specifications.

WATER MAIN EMBEDMENT



STRADDLE BLOCK DIMENSIONS (INCHES)

PIPE SIZE	1 1/2"	2"	3"	4"	6"	8"	10"	12"	15"	18"	24"	30"	36"
W	4	5	6	8	10	12	14	16	18	20	24	28	32
H	4	5	6	8	10	12	14	16	18	20	24	28	32
D	4	5	6	8	10	12	14	16	18	20	24	28	32
C	4	5	6	8	10	12	14	16	18	20	24	28	32
A	4	5	6	8	10	12	14	16	18	20	24	28	32
B	4	5	6	8	10	12	14	16	18	20	24	28	32



TEES

TEES	B	H	J	K
6" x 6" x 6"	12"	24"	24"	48"
8" x 8" x 8"	12"	24"	24"	48"
10" x 10" x 10"	12"	24"	24"	48"
12" x 12" x 12"	12"	24"	24"	48"
12" x 12" x 18"	12"	30"	24"	48"
12" x 12" x 24"	12"	30"	24"	48"

CUBIC FEET OF CONCRETE REQUIRED

BEND	1 1/2"	2"	3"	4"	6"	8"	10"	12"
90°	1.7	2.9	3.5	3.5	5.0	5.0	5.0	5.0
45°	3.7	3.9	3.7	3.7	5.0	5.0	5.0	5.0

TEES

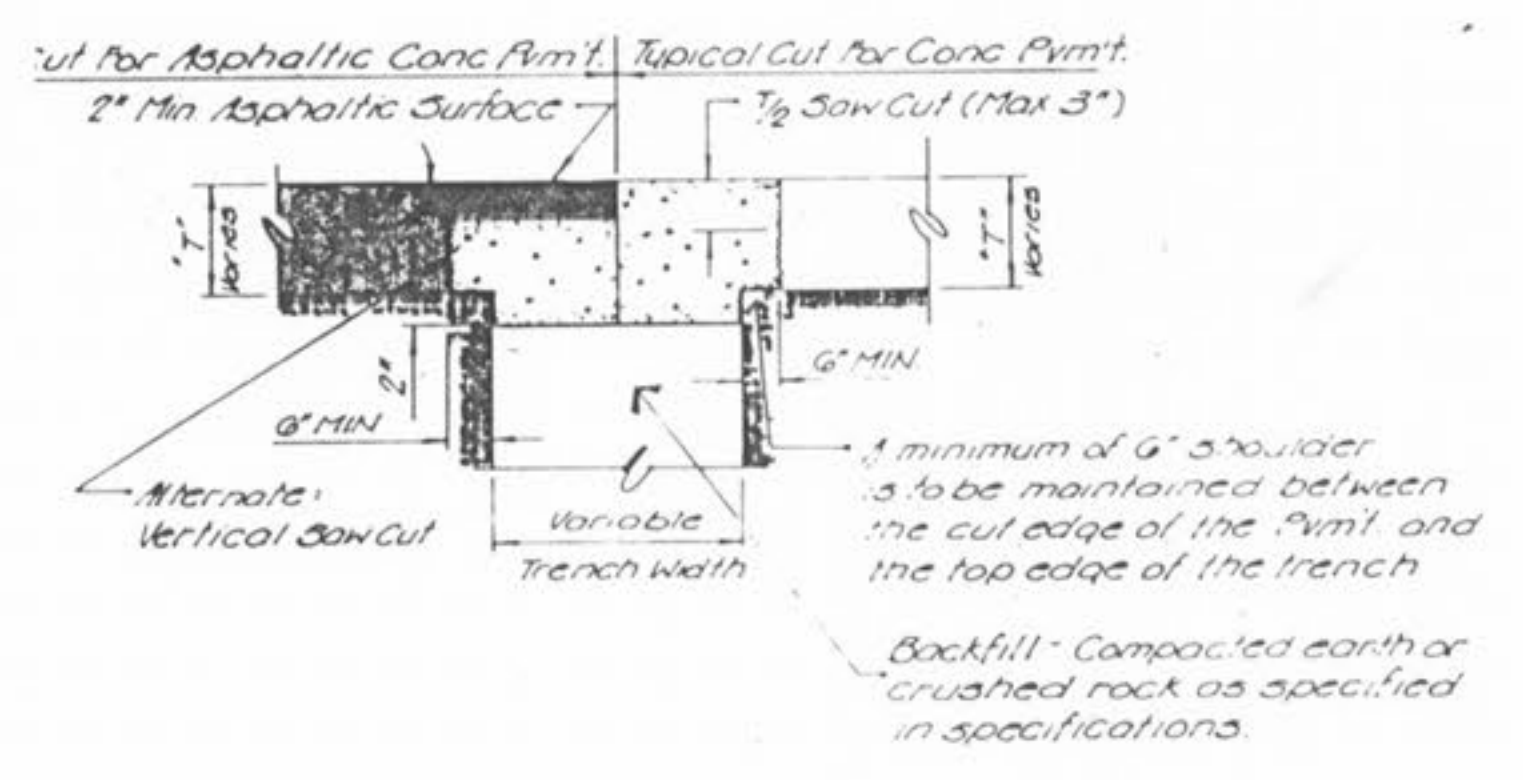
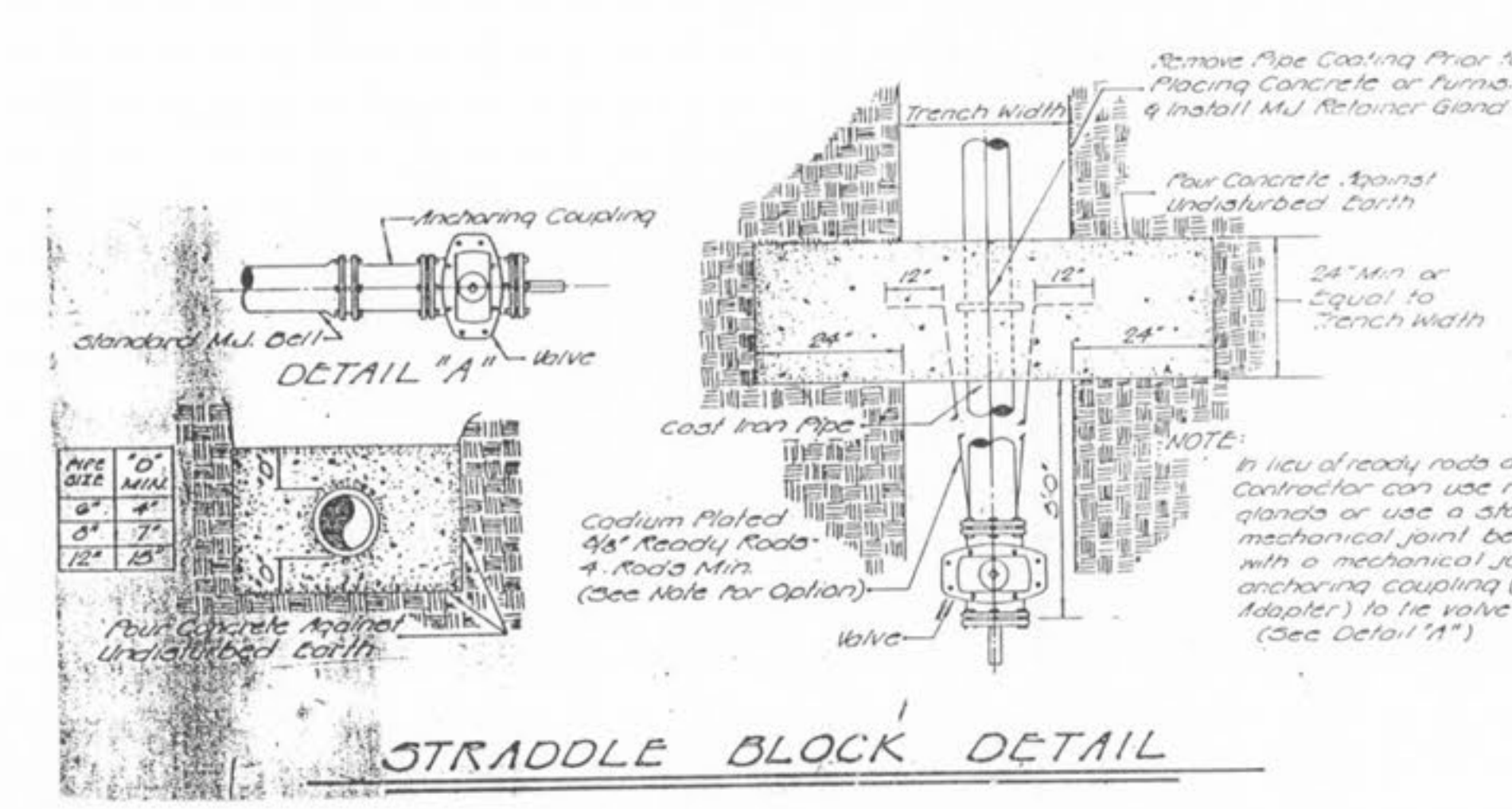
TEE X	6"	8"	12"	PLUS
6"	4.0	3.0	4.0	4.0
8"	4.0	3.0	5.0	5.0
12"	4.0	3.0	10.0	10.0

NOTES:

1. 2" & 4" FITTINGS EQUIVALENT TO 6" FITTINGS.

2. TAPPING SLEEVES TO HAVE BACKING BLOCKS SAME SIZE AS REQUIRED FOR TEES.

BACKING BLOCKS



PAVEMENT REPAIR DETAIL

SUNSET RIDGE ESTATES

DATE: 4/10/96 JOB NO.: 95-541 DRAWN BY: TWF
 DESIGN: JOY SCALE: NONE

WATER DETAIL SHEET

REV: SHEET: 53 OF 56

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