

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.

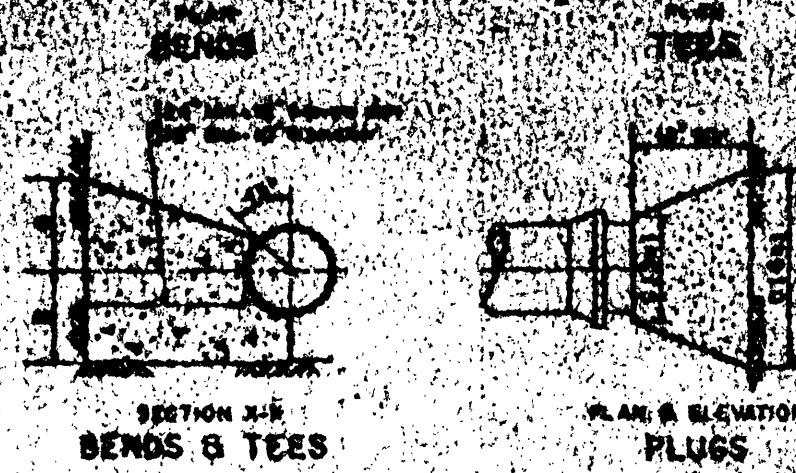
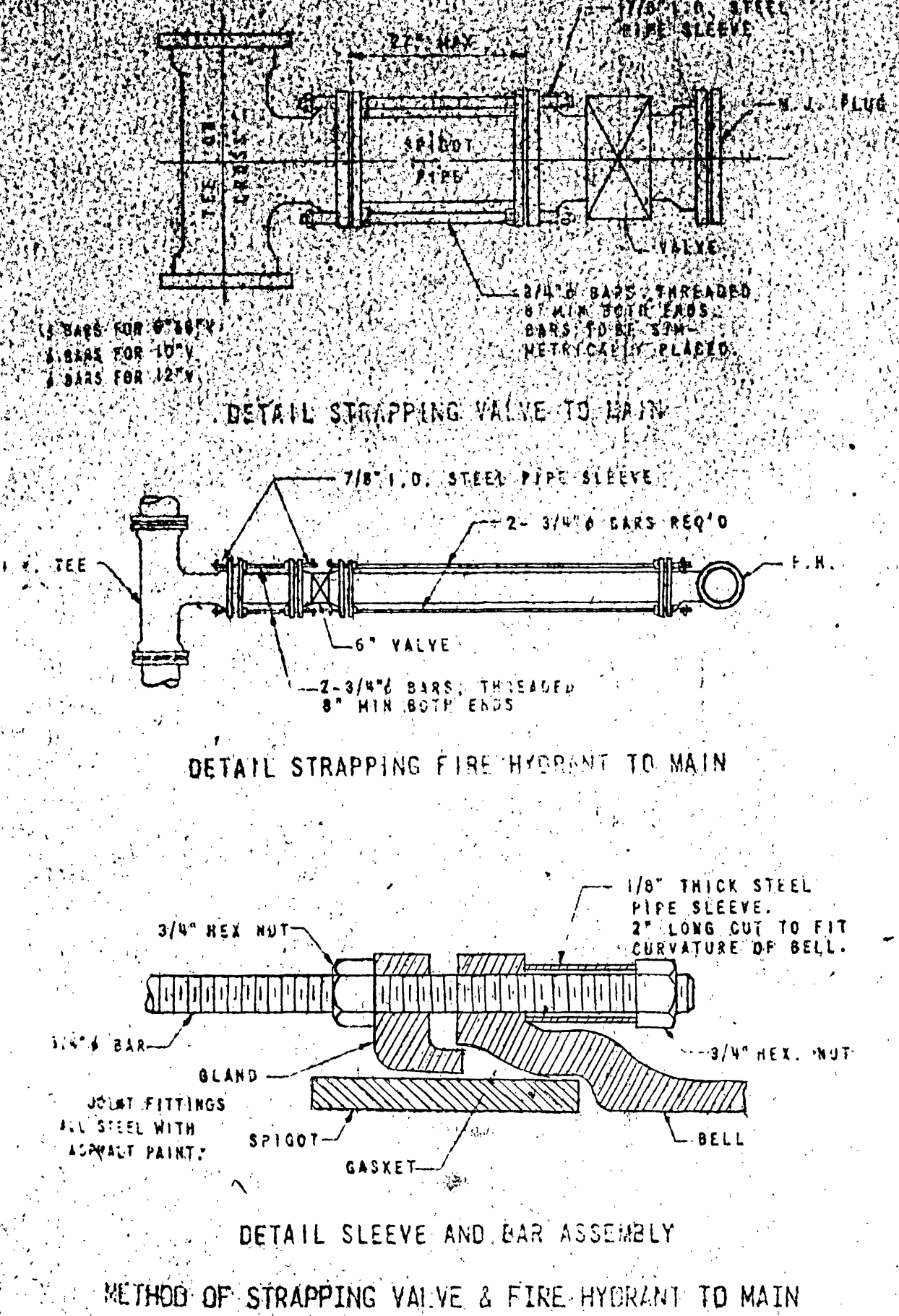
REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
	3	VA.	M-5128 (102) MG-5128 (102) M-5128 (103)	24	U000-128-102, C-501 U000-128-102, C-592 0024 128-103, C-501	18(6)

WATER SUMMARY

Sheet No.	12" D.I. WATER MAIN	8" D.I. WATER MAIN	6" D.I. WATER MAIN	4" D.I. WATER MAIN	3/4" WATER SERV. LINE	20" STUB ENCASEMENT PIPE	12" GATE VALVE & VAULT	8" GATE VALVE & VAULT	6" GATE VALVE & VAULT	Relocate Existing Fire Hydrant	12"x6" Tapping Sleeve & Valve & Vault
	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	Each	Each	Each	Each	Each
18(1)	690		118				4			1	
18(2)	790		156		30		3		1	1	
18(3)						135					
18(4)		1,000	81		40			1	2	1	
18(5)			316	150	140				1	1	1
TOTAL	1,480	1,000	671	150	210	135	7	1	4	4	1

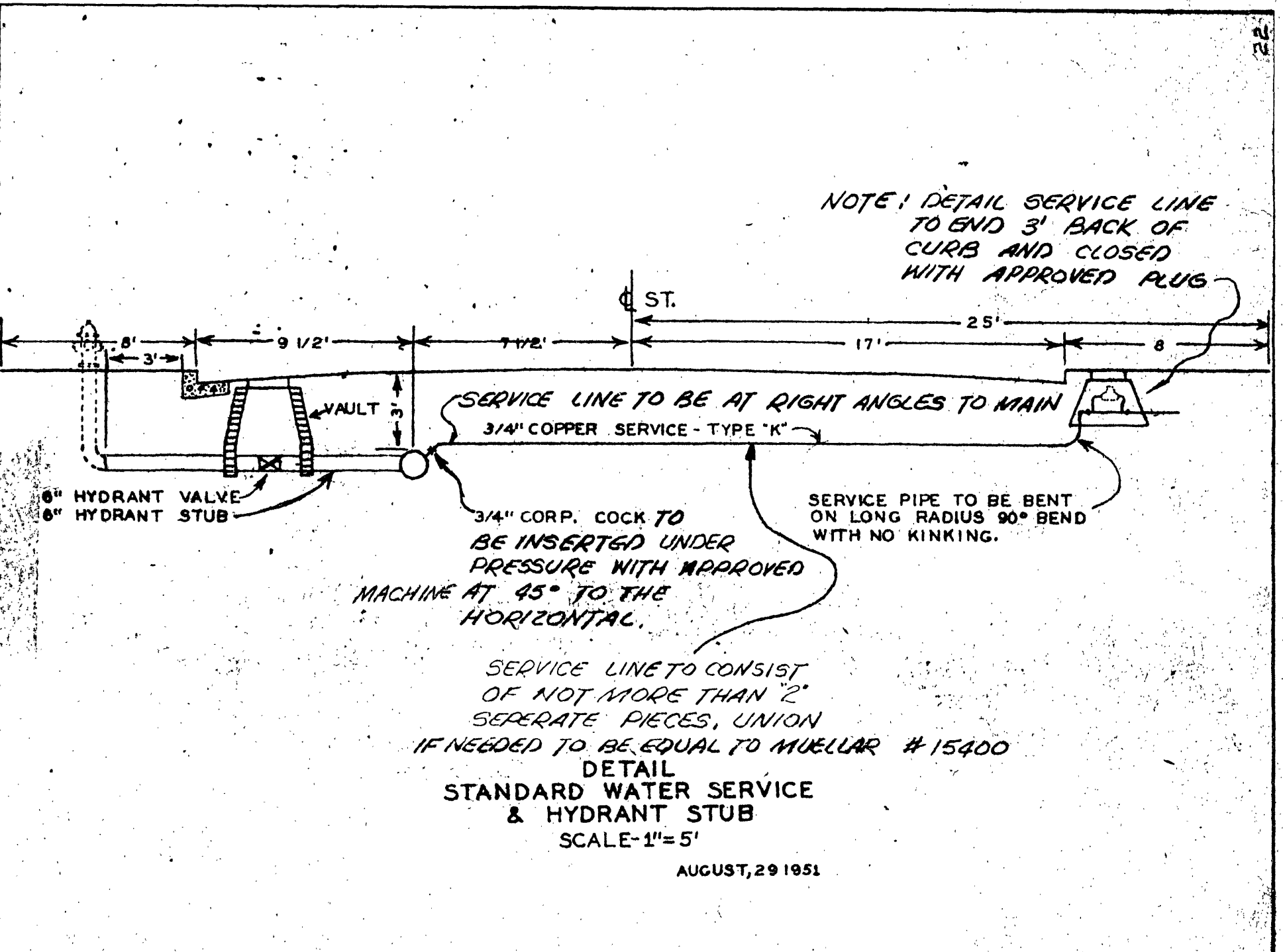
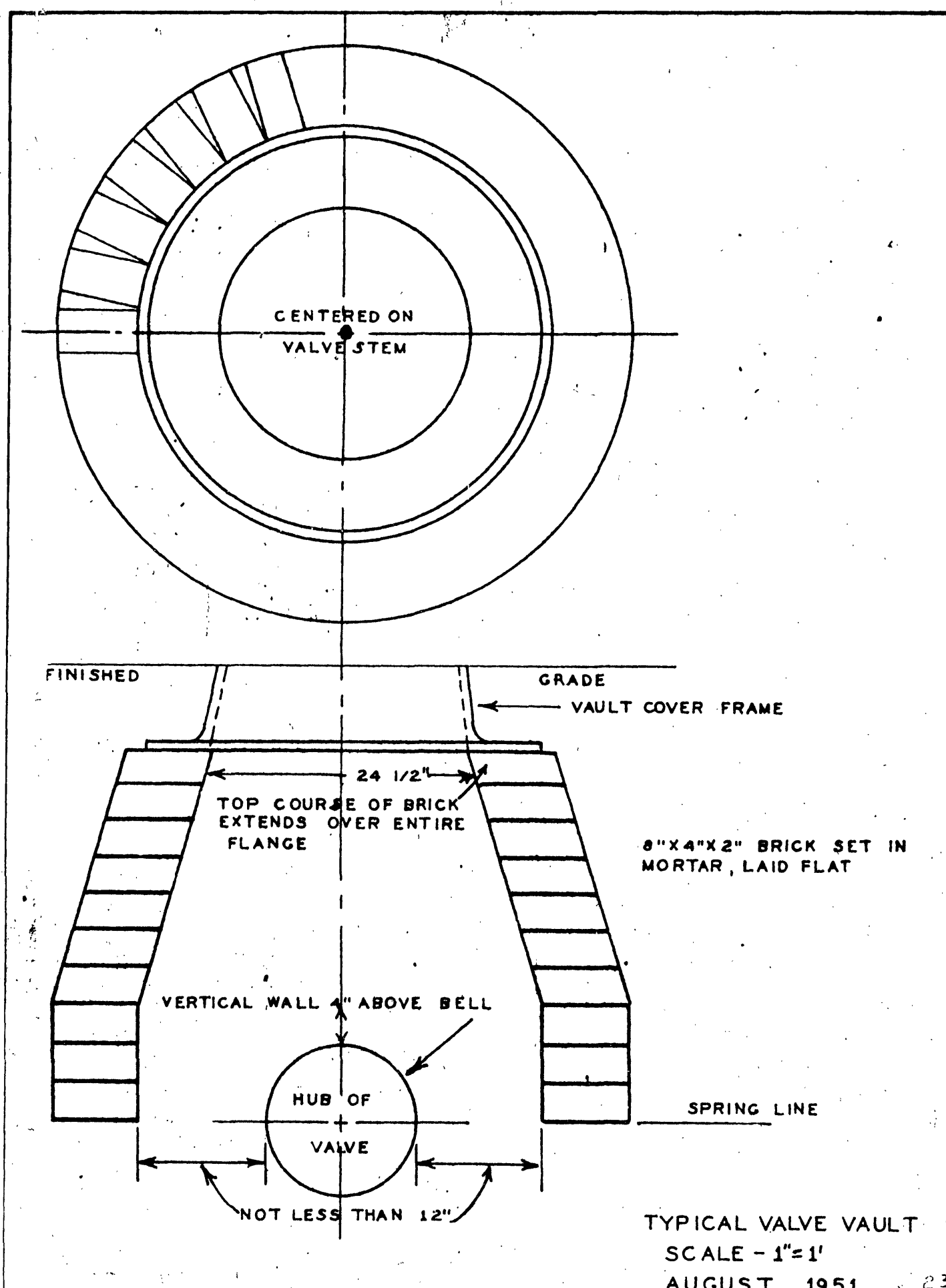
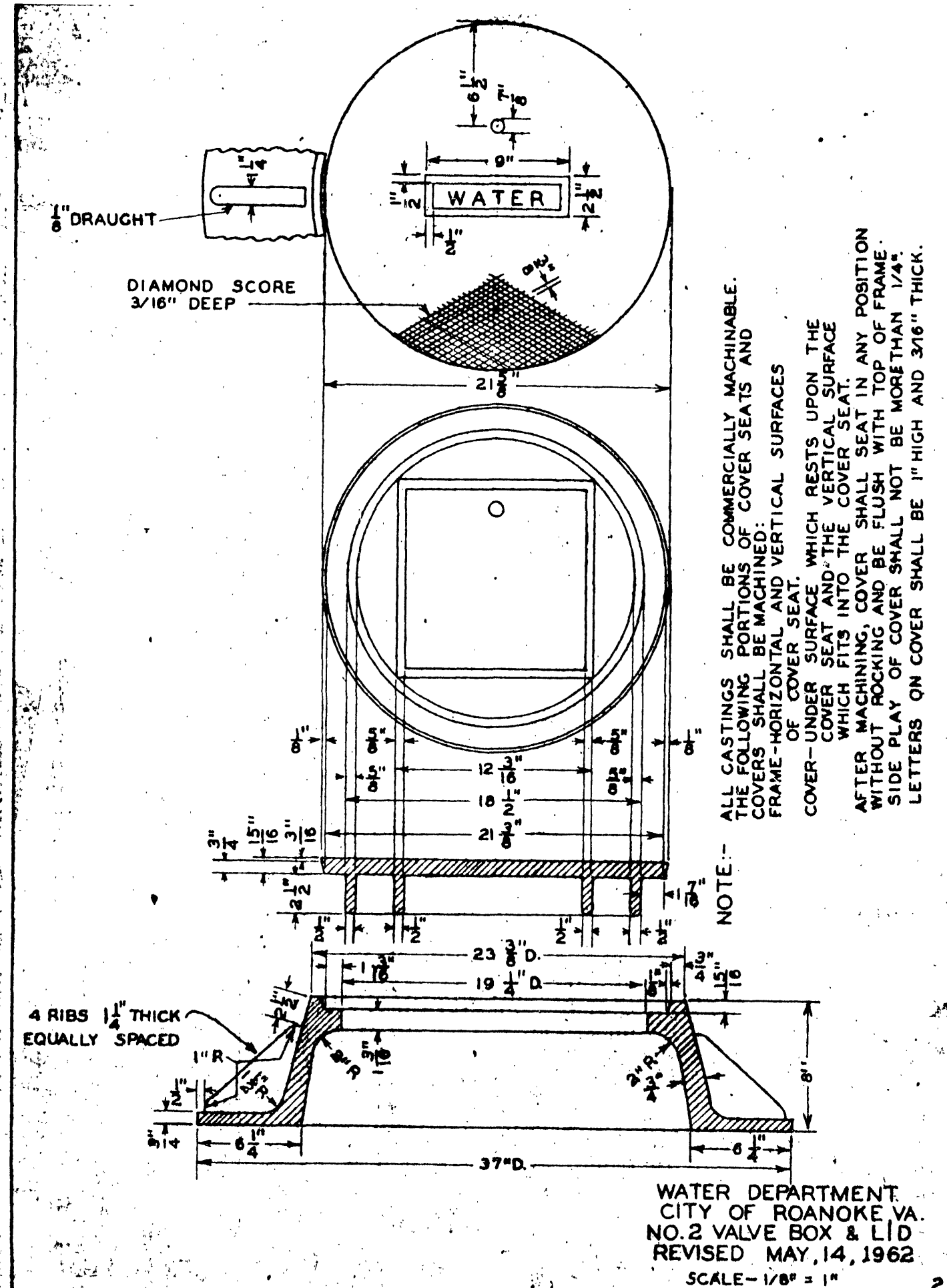
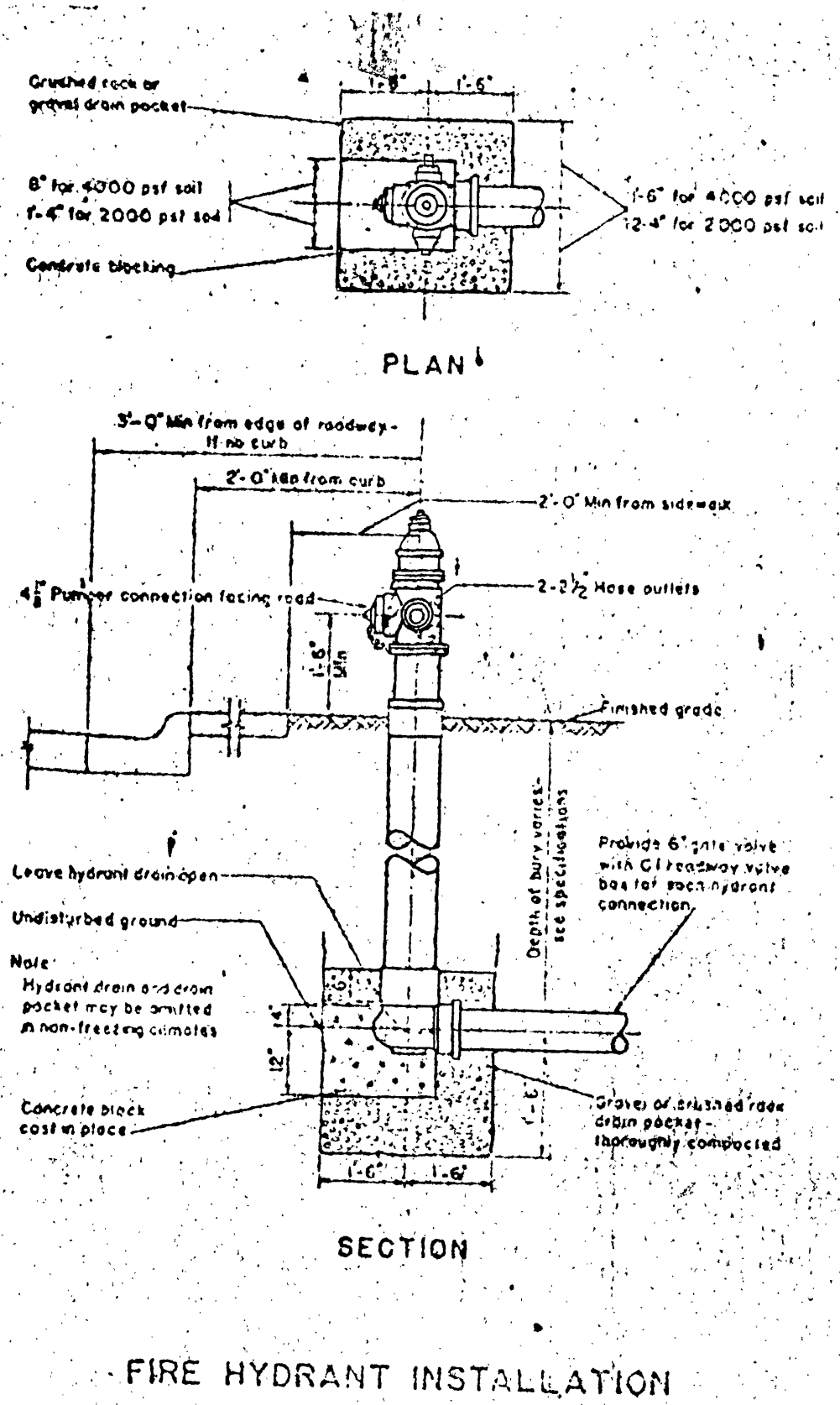
- 1-Class II, Pipe To Be 18' In Length With Mechanical Or Push-On Type Joint, Cement Lined Fittings Or Specials To Be Mechanical Joint, Class 250, Cement Lined.
- 2-Type "K" Copper Tubing - Corporation Cock Equal To Mueller #H-15400 With 3/4" Inlet And Outlet Thread.
- 3-Grade "B", Wall Thickness Of 0.312 Inches
- 4-Equal To Mueller A-2480-20 With Operating Nut Turning Right To Open, Said Nut To Be Marked With An Arrow, And The Word "Open."
- 5-Equal To Mueller H-616 Mechanical Type Joint.

WORK TO BE 100% CITY OF ROANOKE COST



TYPE	4" D.I.	6" D.I.	8" D.I.	12" D.I.	18" D.I.
1	1	1	1	1	1
2	1	1	1	1	1
3	1	1	1	1	1
4	1	1	1	1	1
5	1	1	1	1	1
6	1	1	1	1	1
7	1	1	1	1	1
8	1	1	1	1	1
9	1	1	1	1	1
10	1	1	1	1	1
11	1	1	1	1	1
12	1	1	1	1	1
13	1	1	1	1	1
14	1	1	1	1	1
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43	1	1	1	1	1
44	1	1	1	1	1
45	1	1	1	1	1
46	1	1	1	1	1
47	1	1	1	1	1
48	1	1	1	1	1
49	1	1	1	1	1
50	1	1	1	1	1

THRUST BLOCKS FOR WATER MAINS



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