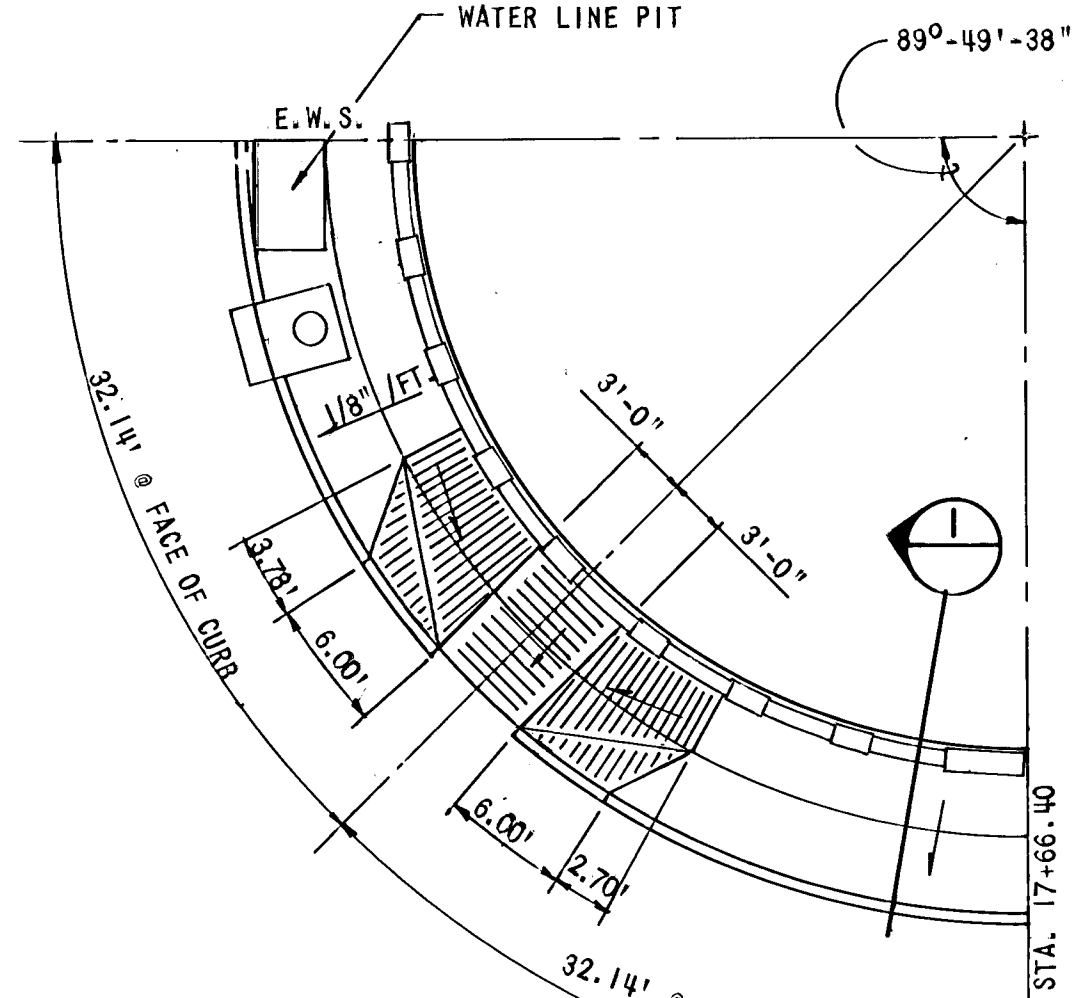
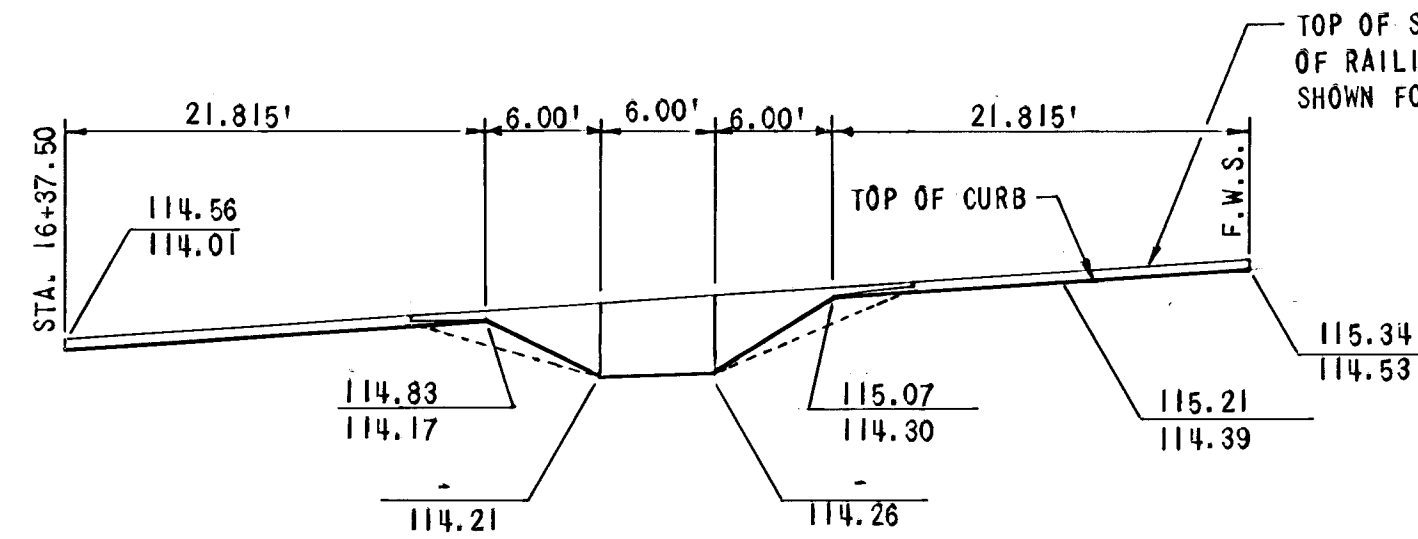


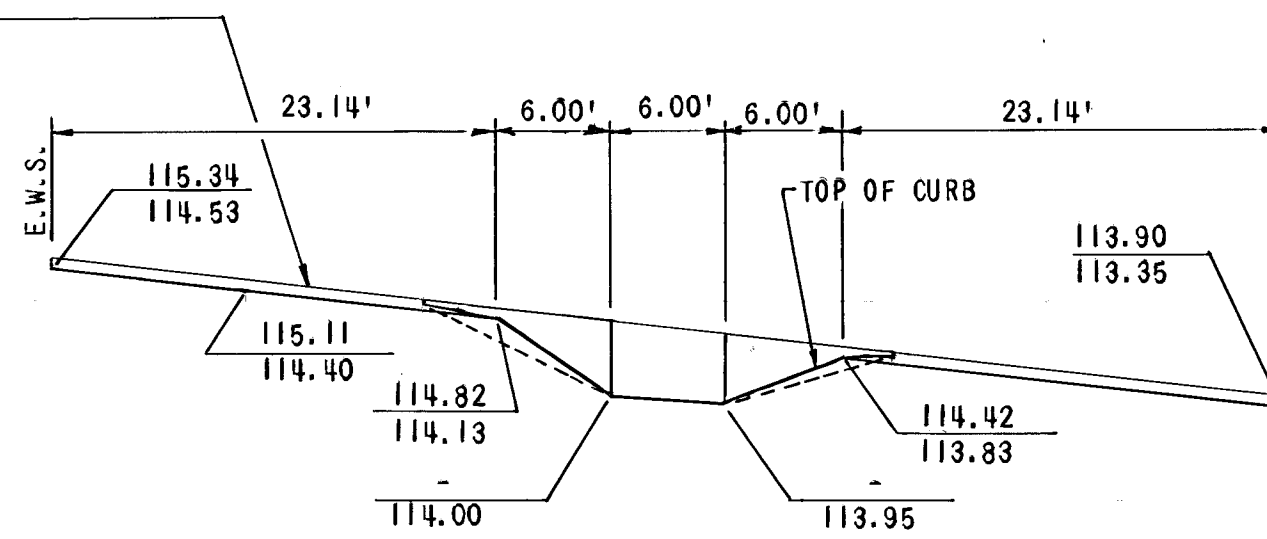
PLAN - N.W. CORNER



PLAN - N.E. CORNER



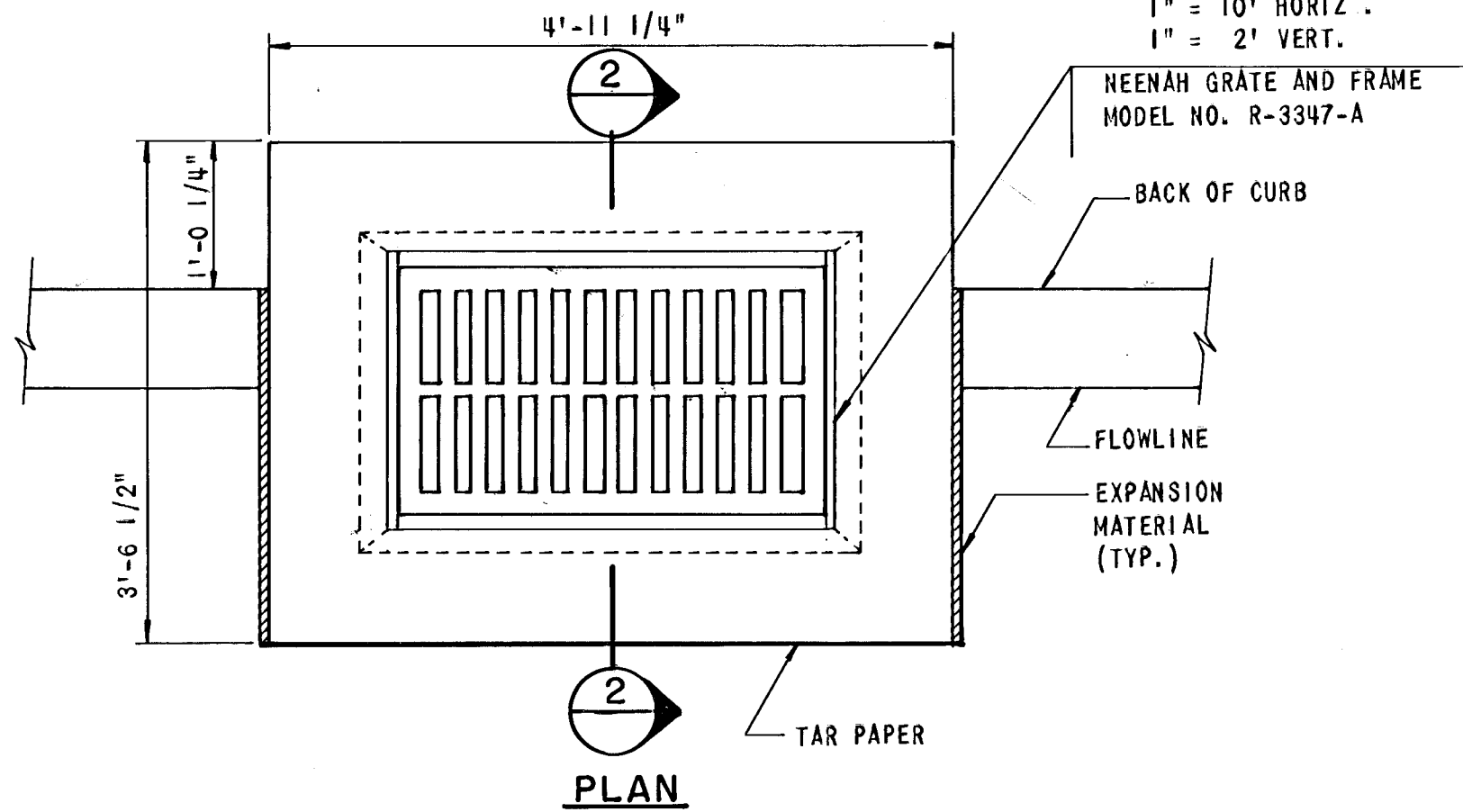
CURB PROFILE



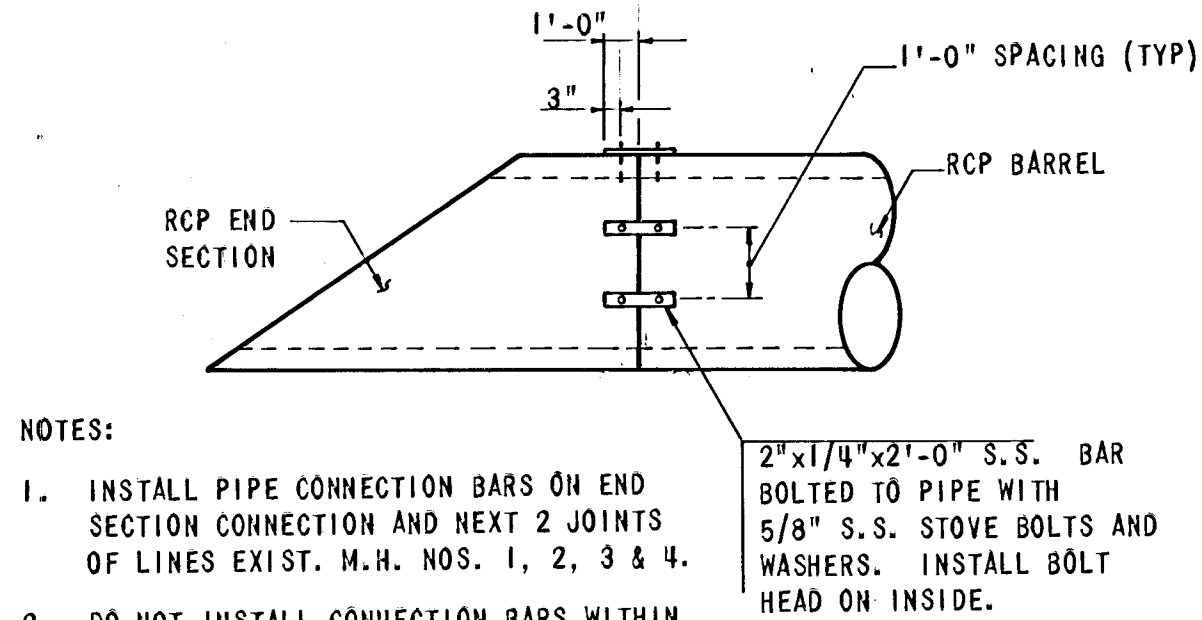
CURB PROFILE

MCLEAN/SENECA NORTH CURB RETURNS

1" = 10' HORIZ.
1" = 2' VERT.



PLAN

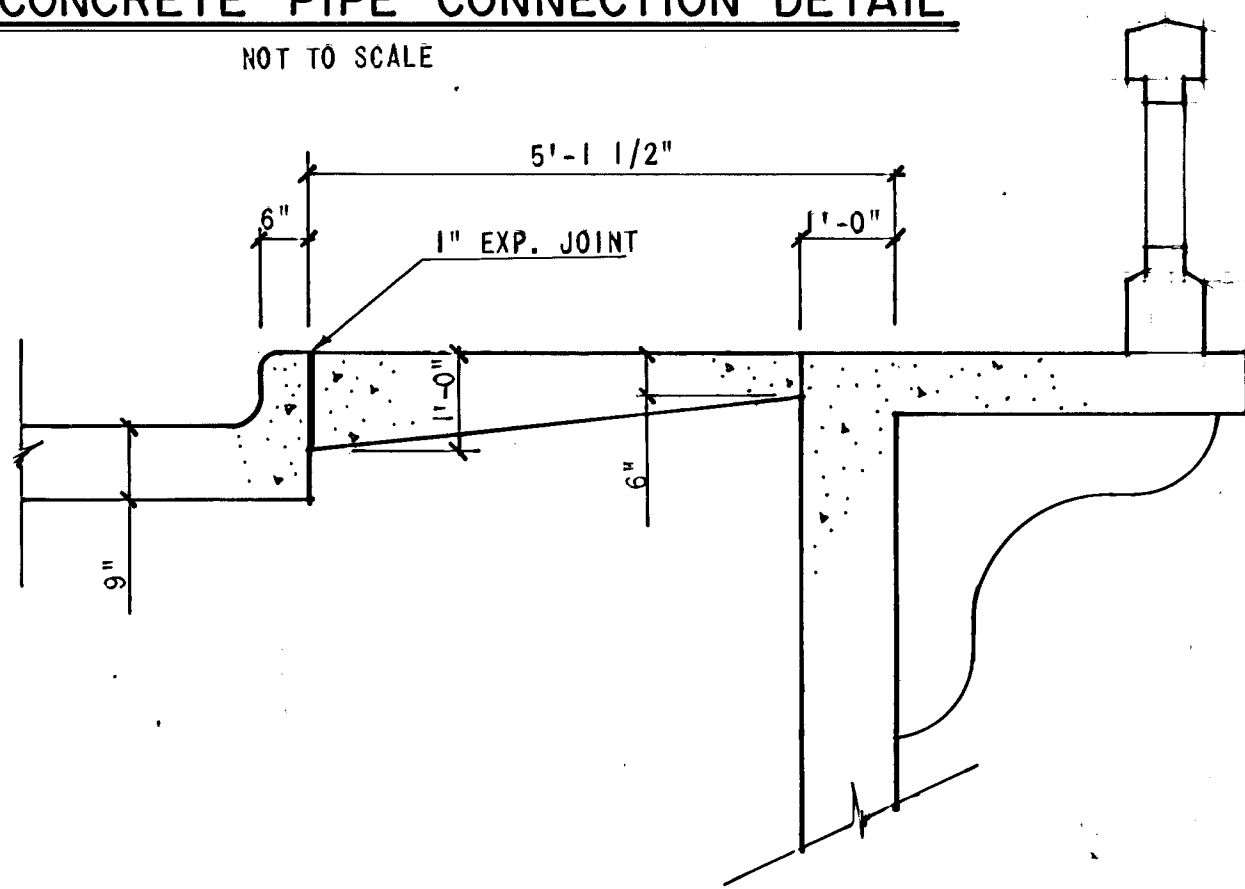


NOTES:

- INSTALL PIPE CONNECTION BARS ON END SECTION CONNECTION AND NEXT 2 JOINTS OF LINES EXIST. M.H. NOS. 1, 2, 3 & 4.
- DO NOT INSTALL CONNECTION BARS WITHIN 1'-0" OF THE PIPE FLOWLINE.
- WORK INCIDENTAL TO PIPE.

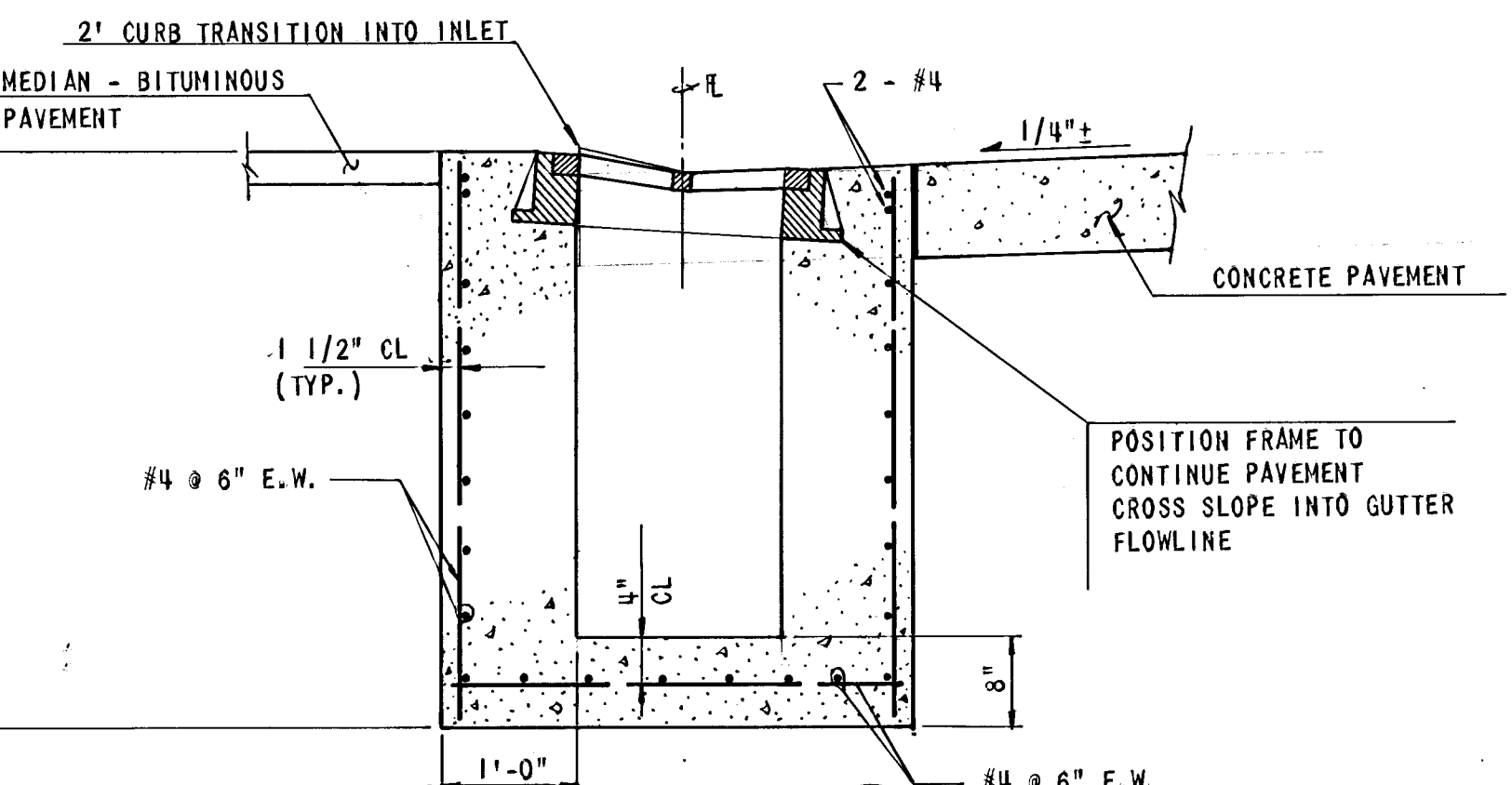
CONCRETE PIPE CONNECTION DETAIL

NOT TO SCALE

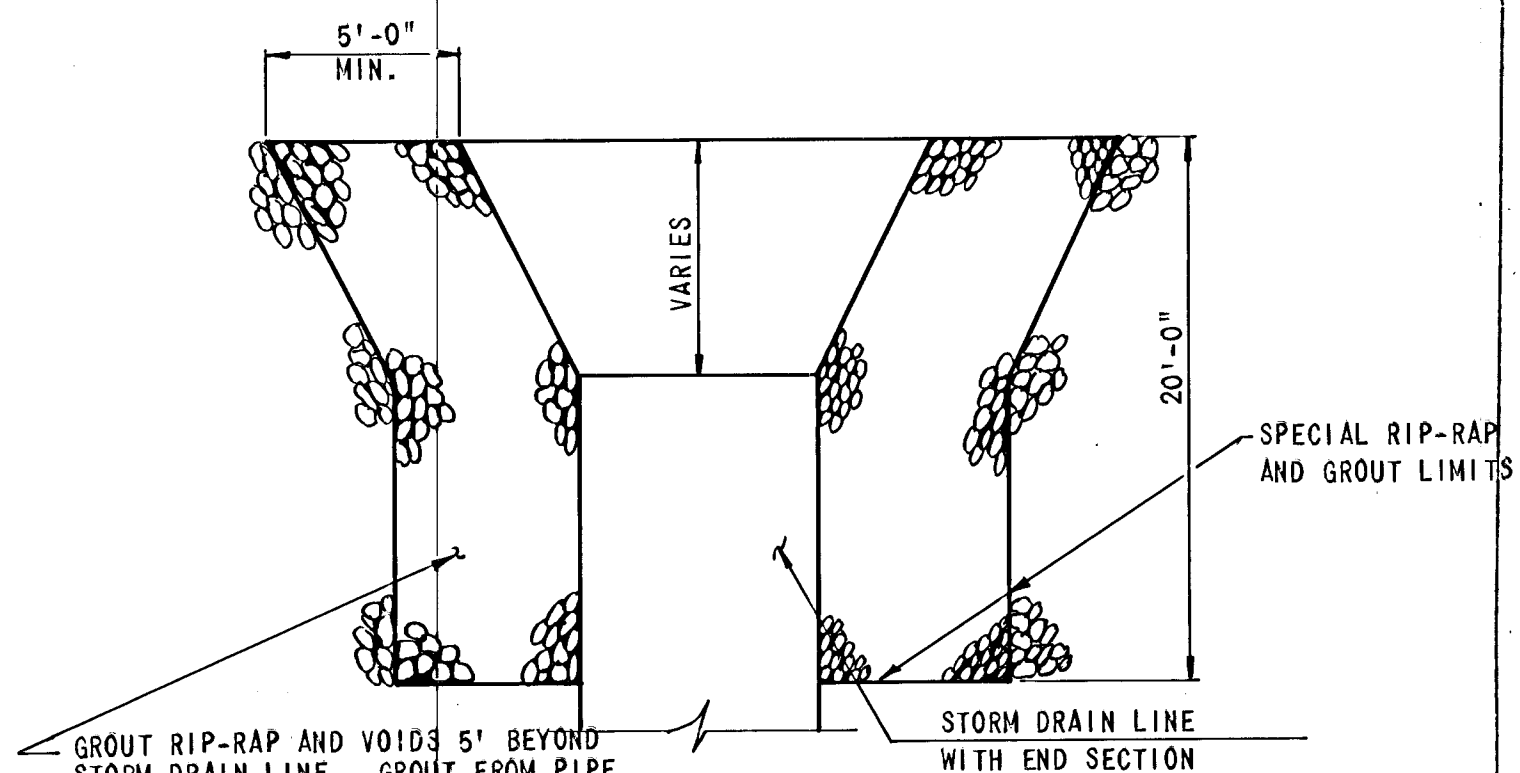


SIDEWALK SECTION

NOT TO SCALE



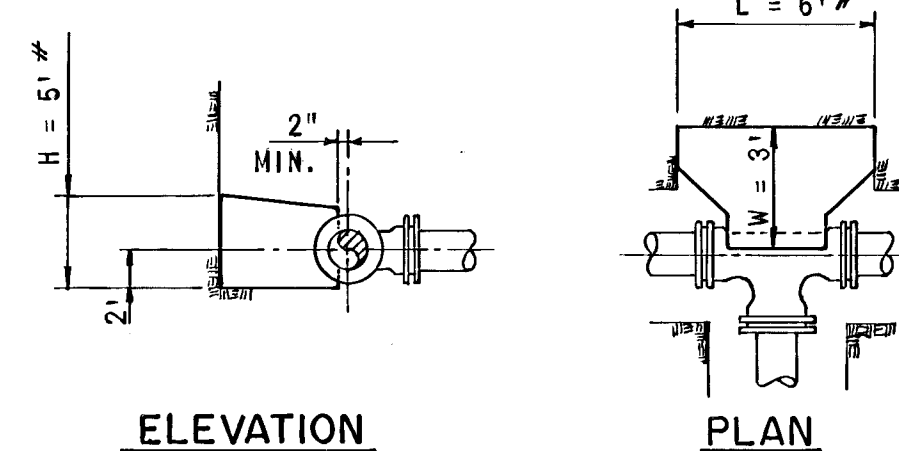
SPECIAL MEDIAN INLET DETAIL



PLAN

STORM DRAIN PROTECTION

NOT TO SCALE



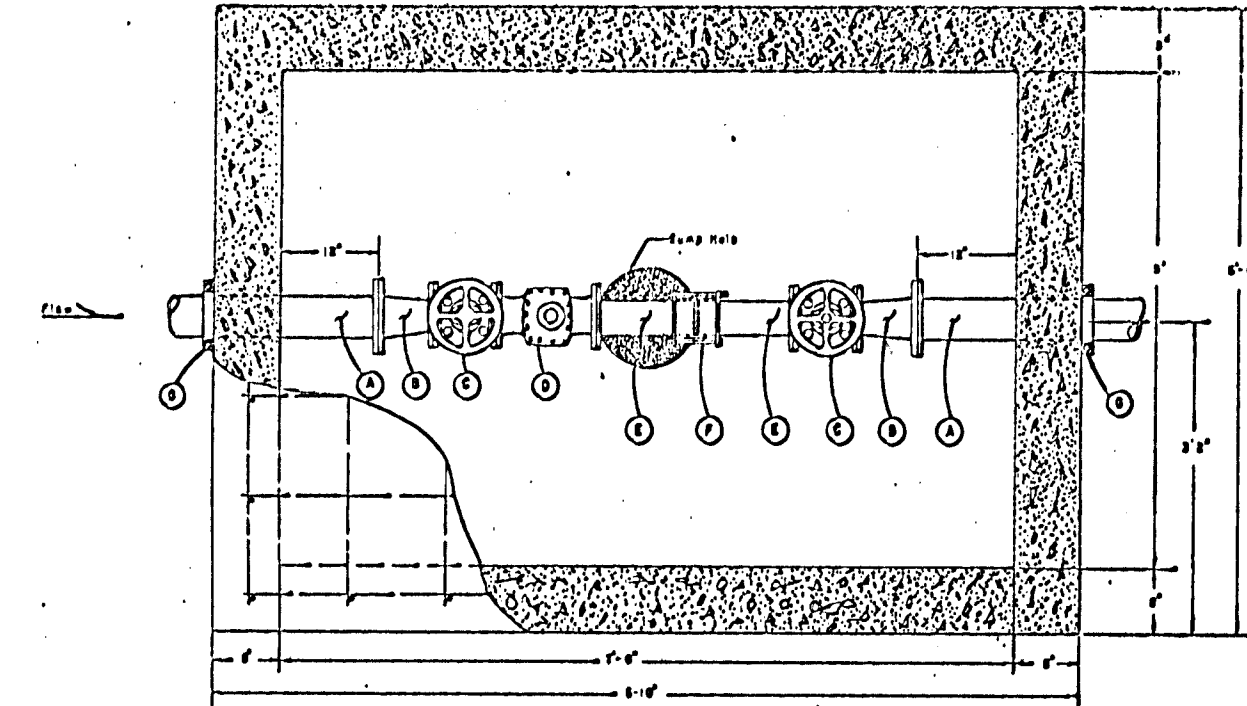
ELEVATION

PLAN

THRUST BLOCK DETAILS

NOT TO SCALE

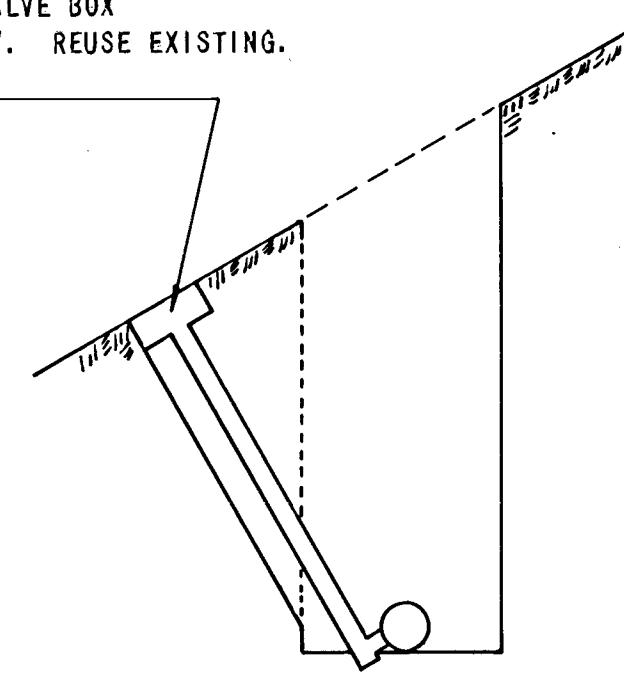
NOTE: L x H = 30 SQ. FT. MIN.



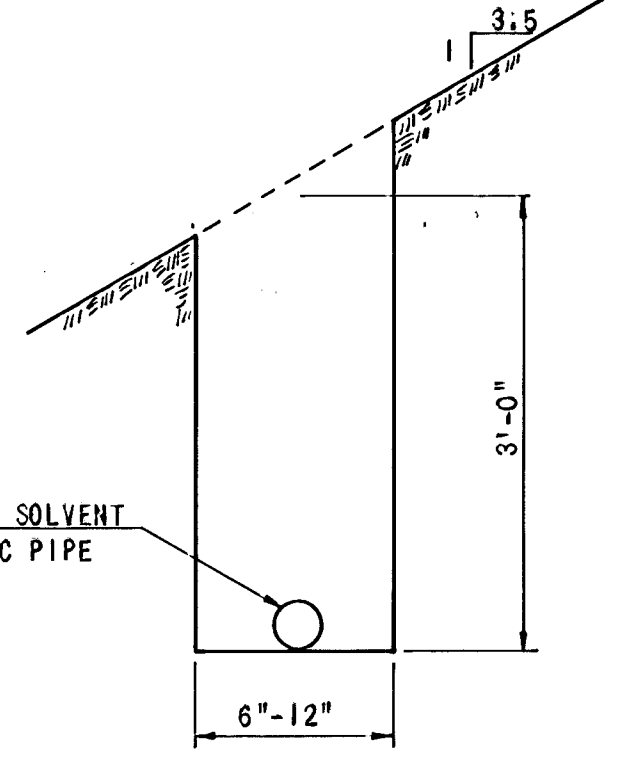
STANDARD VALVE VAULT DETAIL

NOT TO SCALE

MURDOCK VALVE BOX
M-6100, 1". REUSE EXISTING.



VALVE BOX DETAIL

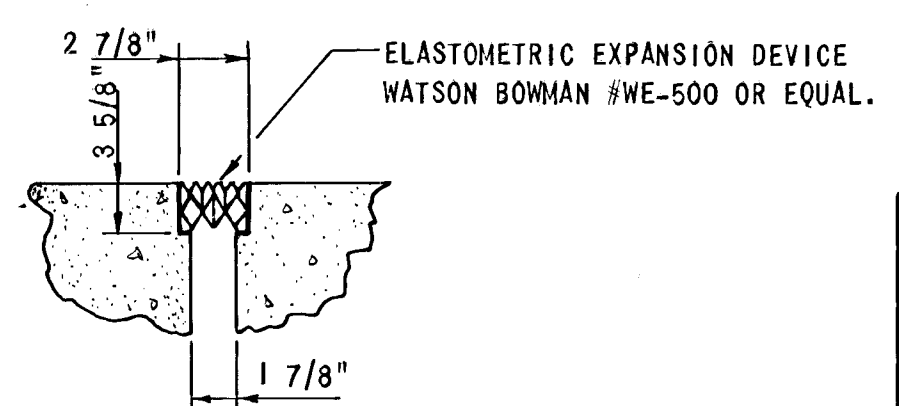


TRENCHING DETAIL

SPRINKLER SYSTEM BILL OF MATERIALS		
ITEM	QUANTITY	REMARKS
1" MURDOCK VALVE BOX	5	REUSE EXISTING
2" PVC	290(±) LF	
3" PVC	300(±) LF	
4" METER YOKE VAULT CLAMP	2	
3" FLEX COUPLING	1	
3"x12" CI CL FLXPE SPOOL	1	
3" ROCKWELL W350 DI 31800 METER (350 GPM)	1	
3" FL VALVE (WHEEL OPER.)	2	
4"x3" CL FL REDUCER	2	
4" CI CL FLXPE PIPE OR SCH. 80 PVC	16 LF	
WICHITA CITY STD. 3" METER VAULT	1	

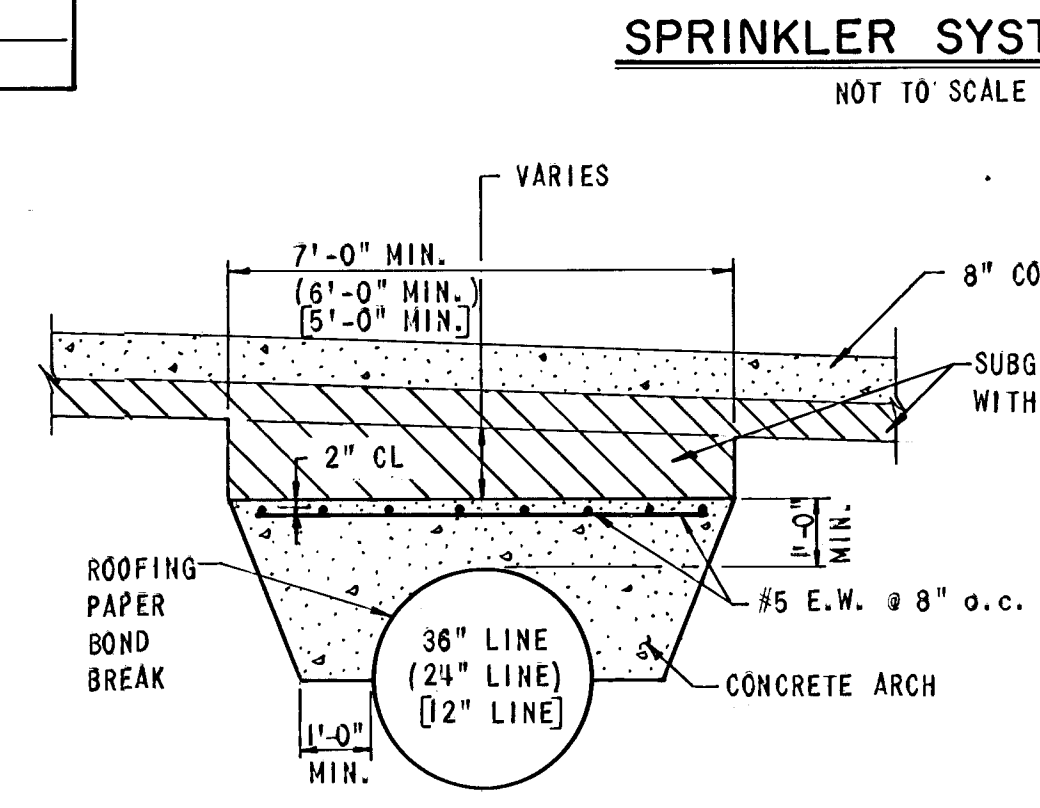
WATER MAIN CONCRETE ARCH LOCATIONS		
LINE SIZE	LOCATIONS *	CONC. QUANTITY CU. FT./LIN. FT. (APPROX)
24"	11+00 TO 17+28	9.0
24"	2+10 TO 3+00, SENECA	9.0
36"	10+86 TO 22+75	12.6
12"	1+75 TO 2+38, SENECA	4.1

NOTE: STATIONS ARE APPROXIMATE, EXACT LOCATIONS TO BE FIELD LOCATED

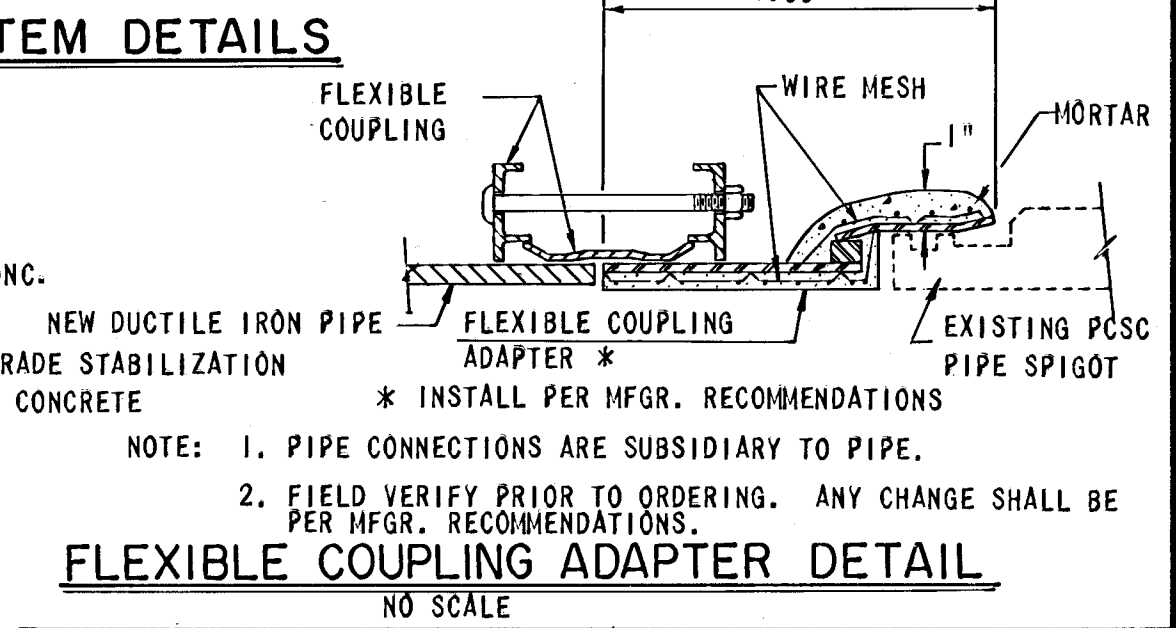


EXPANSION DEVICE DETAIL

NO SCALE



SECTION WATER MAIN CONC. PROTECTION



FLEXIBLE COUPLING ADAPTER DETAIL

NOTE: 1. PIPE CONNECTIONS ARE SUBSIDIARY TO PIPE.
2. FIELD VERIFY PRIOR TO ORDERING. ANY CHANGE SHALL BE PER MFG. RECOMMENDATIONS.

WICHITA, KANSAS
McLEAN AT SENECA INTERSECTION IMPROVEMENTS
MISCELLANEOUS DETAILS
CITY OF WICHITA PROJECT NO. 472-76-245-81199-000-000-001

REVISION	DATE	BY

DESIGN: JMO, DRAWN: DFP

WILSON & COMPANY
 ENGINEERS & ARCHITECTS
 WICHITA - KANSAS
 DATE: OCT. 1983
 FILE NO.: 82-324A
 SHEET NO.: 5 OF 37

- NOTES:
- When the standard vault dimensions are not applicable, such as when additional space is required for special pipe fittings, additional manholes, etc., the equipment shall design a vault with the required dimensions.
 - When it becomes necessary to locate a vault in an area where it will be subjected to traffic loads, the vault shall be designed to satisfy the conditions set forth in Ordinance No. 12-188, Paragraph 2024, of the City of Wichita, Kansas.
 - The vault may be poured concrete, cast-in-place (vaults shall comply with the 3000 P.S.I. concrete) or cast-in-place concrete or other approved material.
 - Vault location to be determined by Water Dept. prior to construction.
 - Manhole rings shall be in City & Bailey #4 or Type #1, Double Flange, Inc. #3500 with face holes of 24" x 24" with 1/2" lip to be continuous through vault and joint no less than 2' from exterior wall of vault. Water Department shall furnish and install all fittings within the vault.
 - The Contractor shall provide an outlet flange connection on valves 10' from inlet wall. Inlet and outlet wall openings shall be provided by the contractor and shall be in alignment with the manhole. Inlet and outlet pipe to be cast-in-place concrete, per Water Department Spec. #1433 or schedule 80 A.P.C. pipe to be continuous through vault and joint no less than 2' from exterior wall of vault. Water Department shall furnish and install all pipe of meter vault above Water Department record of City R.O.W.

4" METER YOKE VAULT CLAMPS	
1	2" Flex Coupling
2	3" CI CL FLXPE SPOOL
3	3" ROCKWELL W350 DI 31800 METER (350 GPM)
4	3" FL VALVE (WHEEL OPER.)
5	3" CI CL FLXPE PIPE OR SCH. 80 PVC
6	3" CI CL FLXPE PIPE OR SCH. 80 PVC
7	3" CI CL FLXPE PIPE OR SCH. 80 PVC
8	3" CI CL FLXPE PIPE OR SCH. 80 PVC
9	3" CI CL FLXPE PIPE OR SCH. 80 PVC
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49	3" CI CL FLXPE PIPE OR SCH. 80 PVC
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