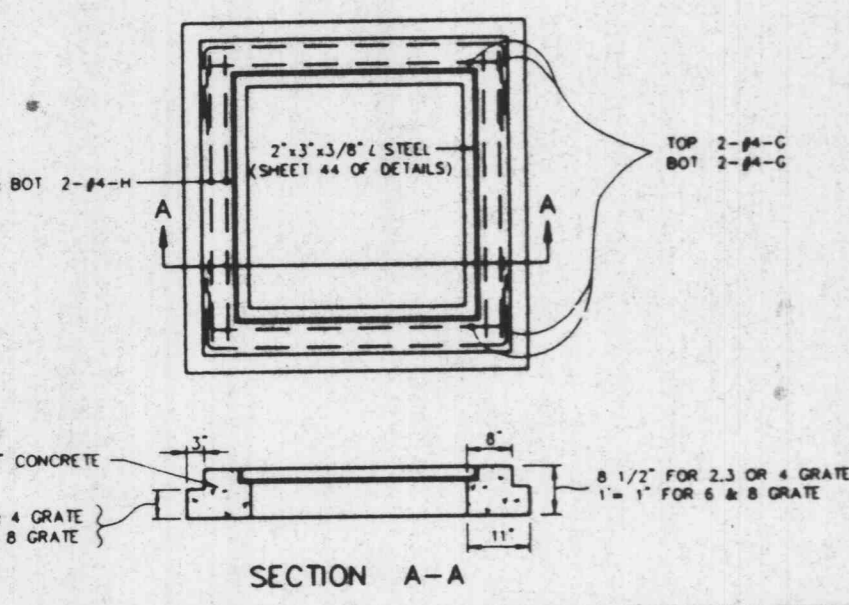


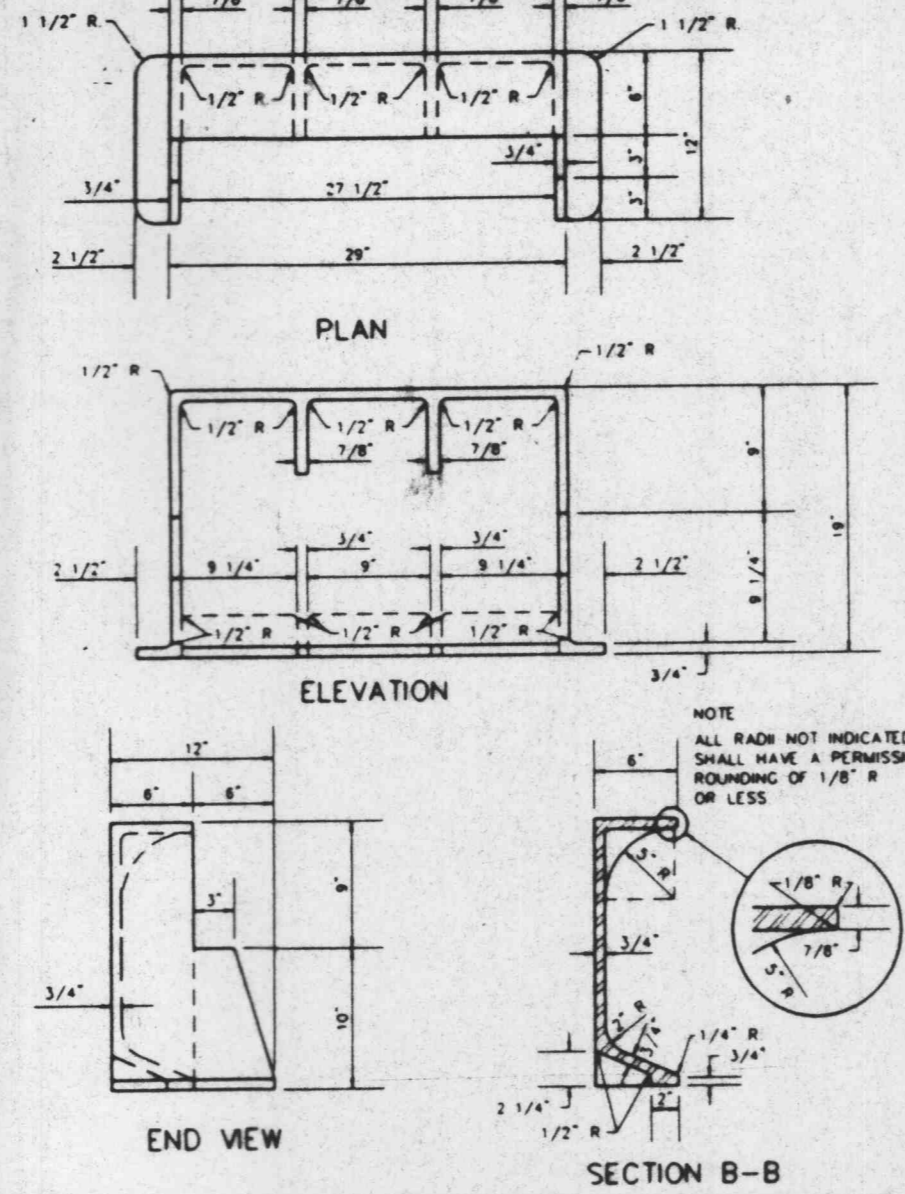
CALL	USE	Ø	STRAIGHT BARS
G-1	2, 3, OR 4 GRATE	3'-4"	
G-2	6 & 8 GRATE	5'-10"	
H-2	2 GRATE	3'-6"	
H-3	3 & 6 GRATE	4'-9"	
H-4	4 & 8 GRATE	6'-0"	



STEEL REQUIREMENTS FOR GRATE INLET SEAT

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

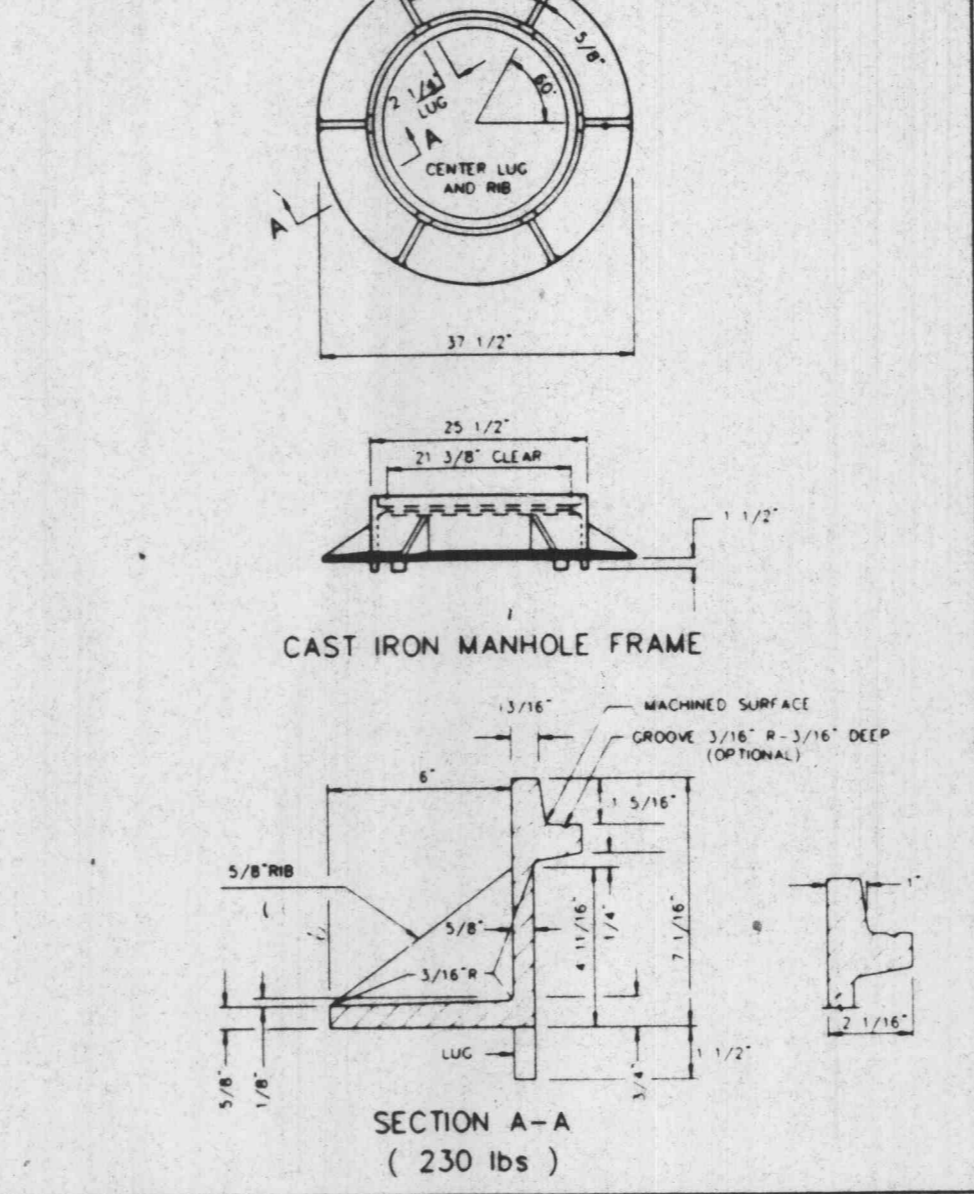
Dr. W.S.H. 1992 SHEET 46



CAST IRON SIDE INTAKE UNIT FOR GRATED INLETS 249 LBS.

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Standard Details of Sewer Construction

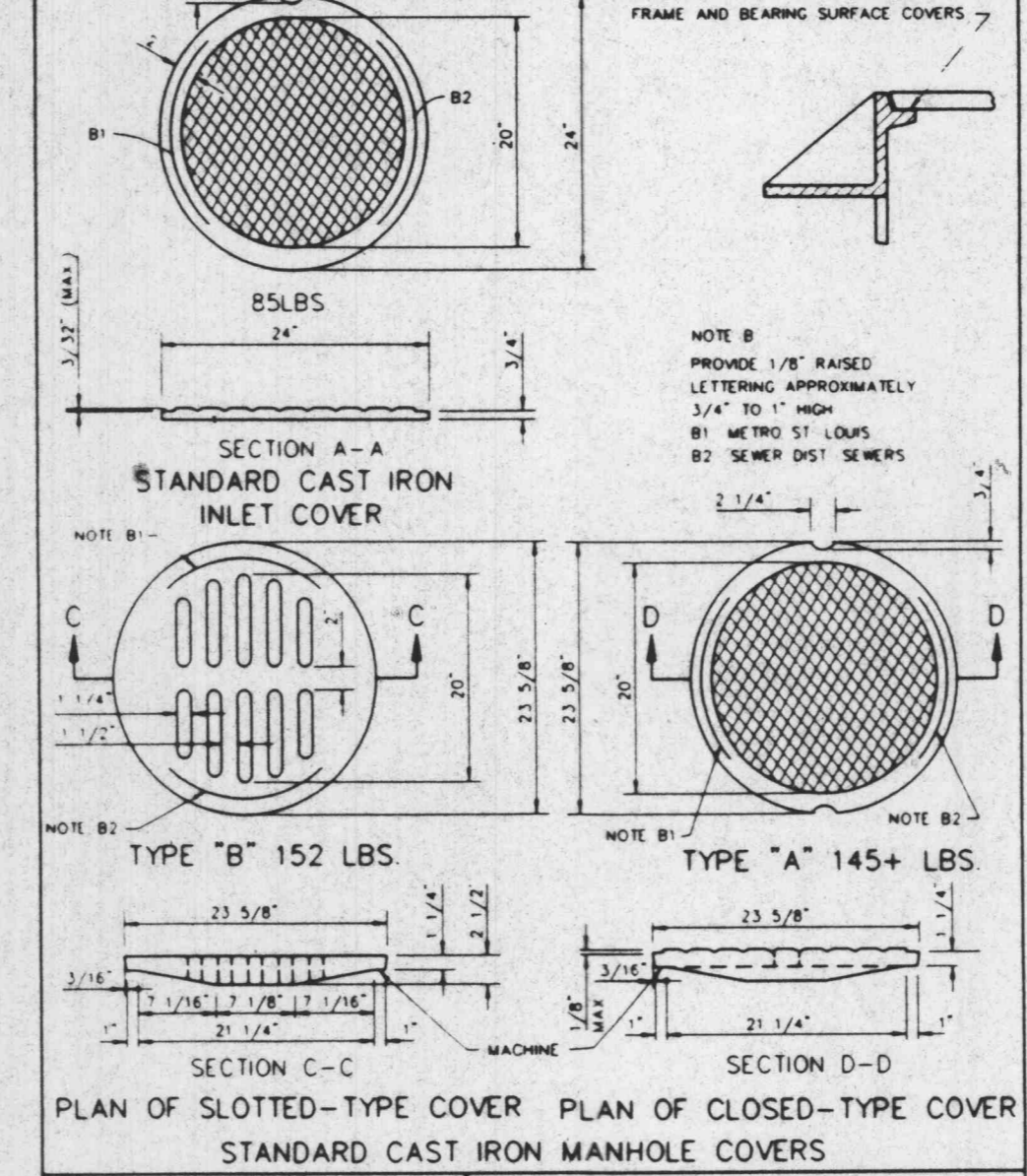
Dr. R.G.W. 1992 SHEET 47



CAST IRON MANHOLE FRAME

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

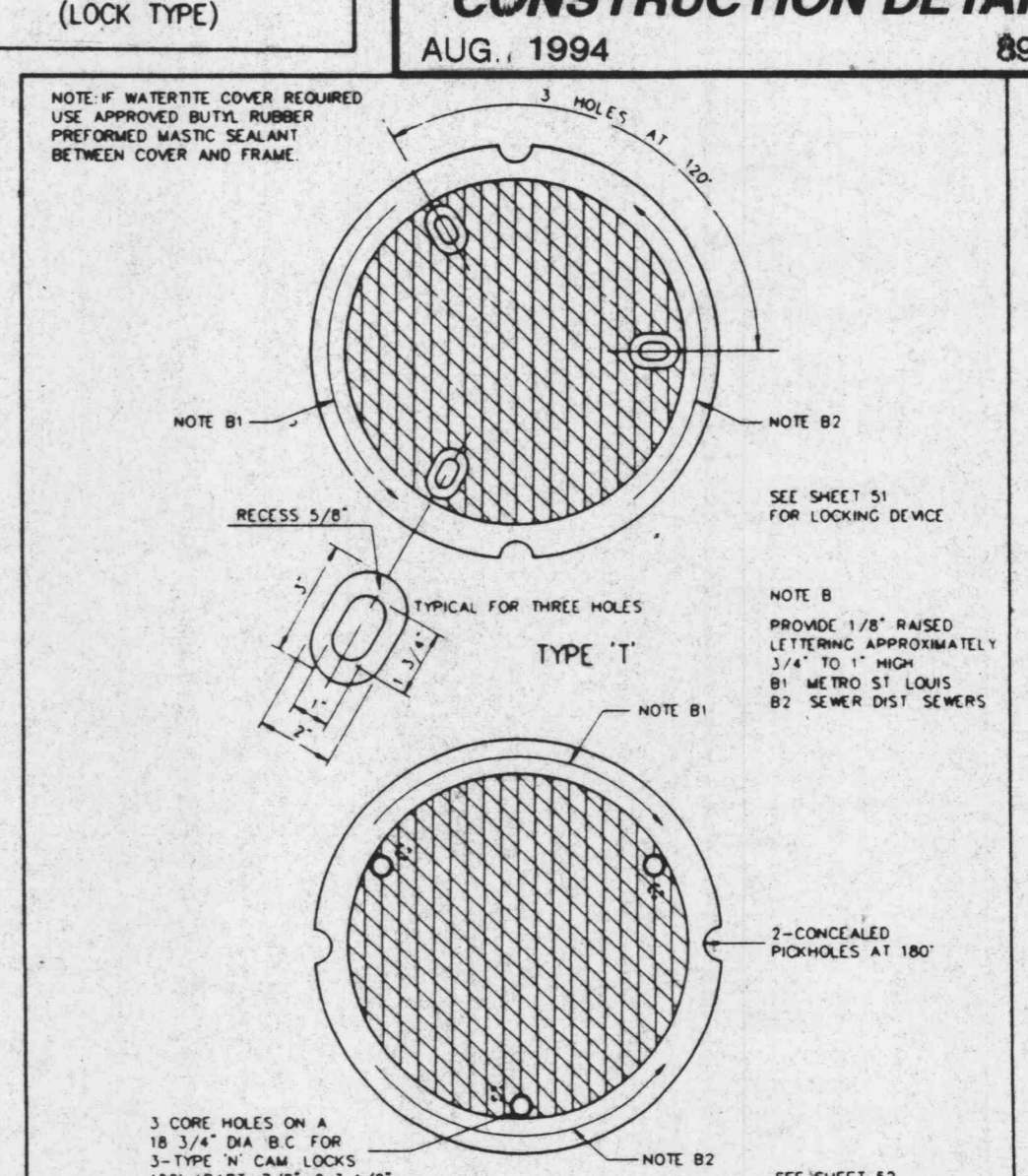
Dr. D.A.B. 1992 SHEET 48



CAST IRON COVERS MANHOLES AND INLETS

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Standard Details of Sewer Construction

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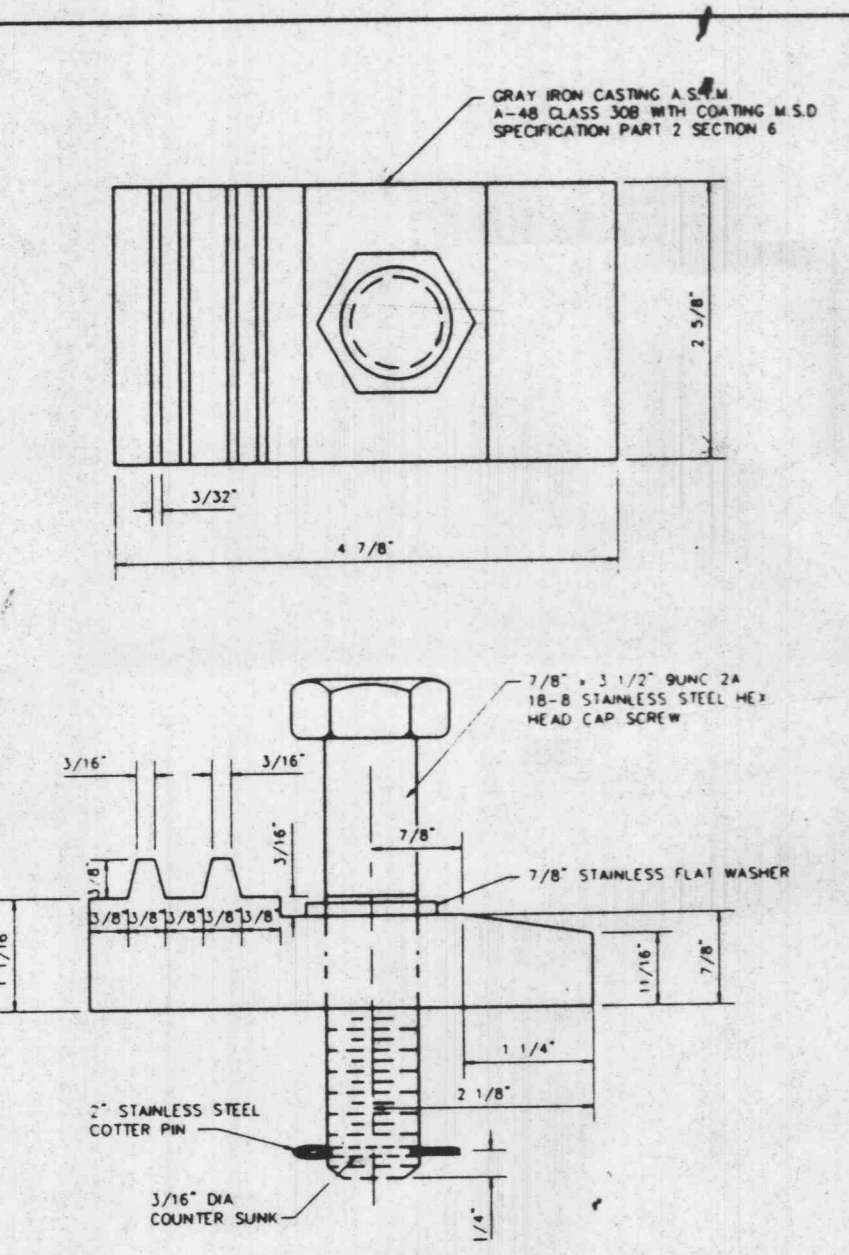


CAST IRON MANHOLE COVERS (LOCK TYPE)

GLEN EAGLE CONSTRUCTION DETAILS  
AUG. 1994 89-204

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

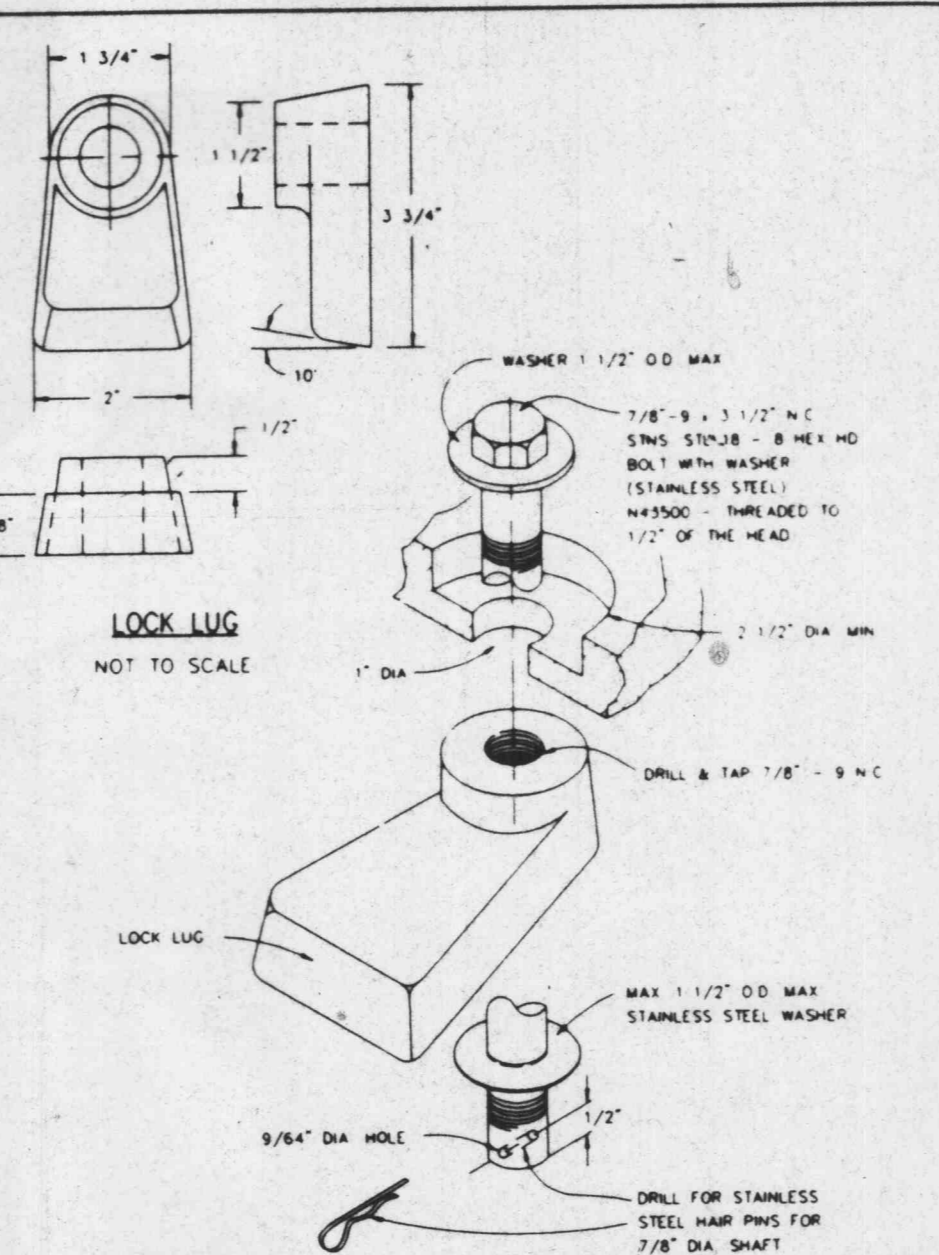
Dr. W.S.H. 1992 SHEET 50



LOCKING DEVICE FOR TYPE T LOCK TYPE MANHOLE COVER

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

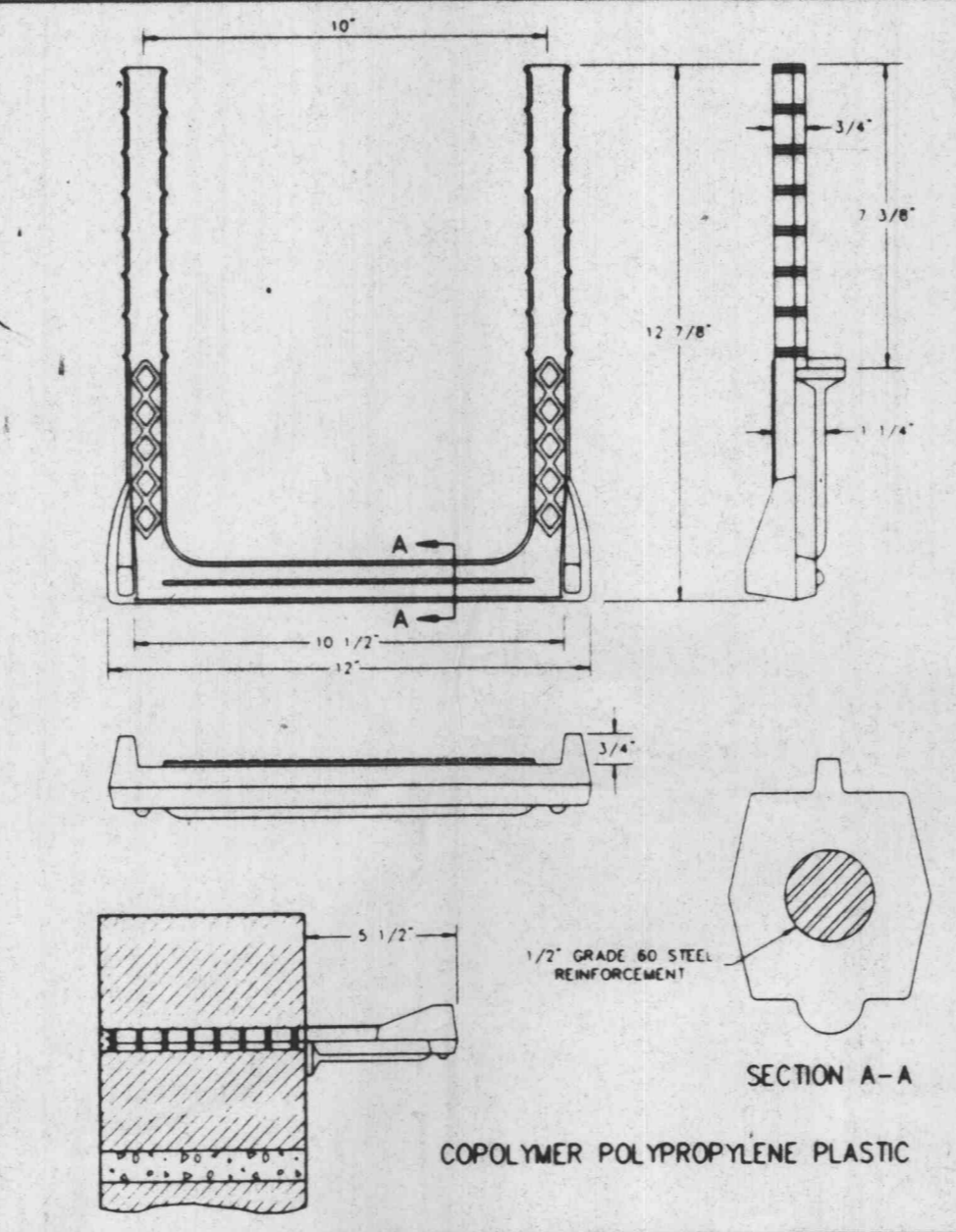
Dr. R.C.W. 1992 SHEET 51



LOCKING DEVICE FOR TYPE N LOCK TYPE MANHOLE COVER

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

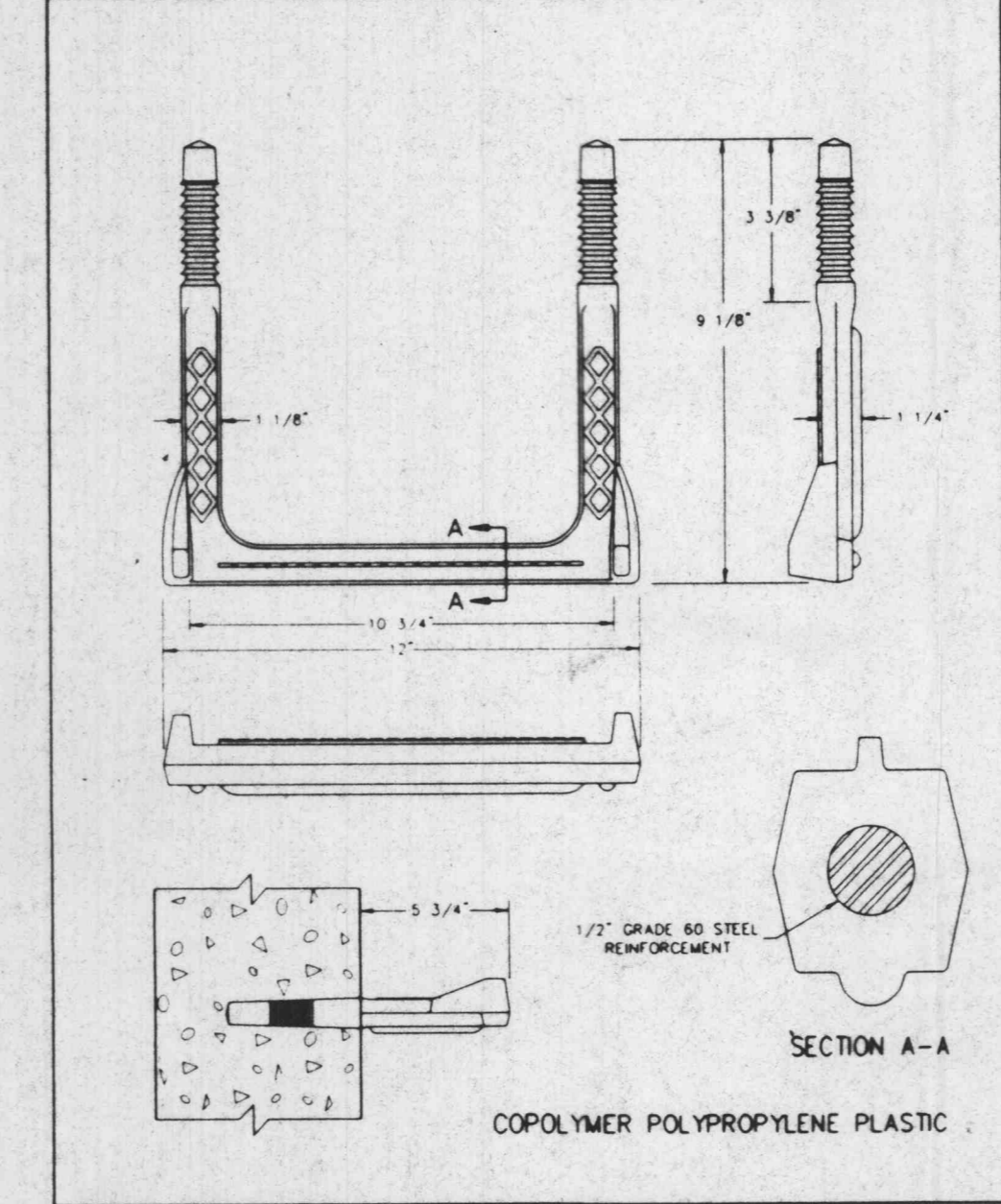
Dr. J.L.G. 1992 SHEET 52



PSI-B MANHOLE STEP INTO JOINT

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

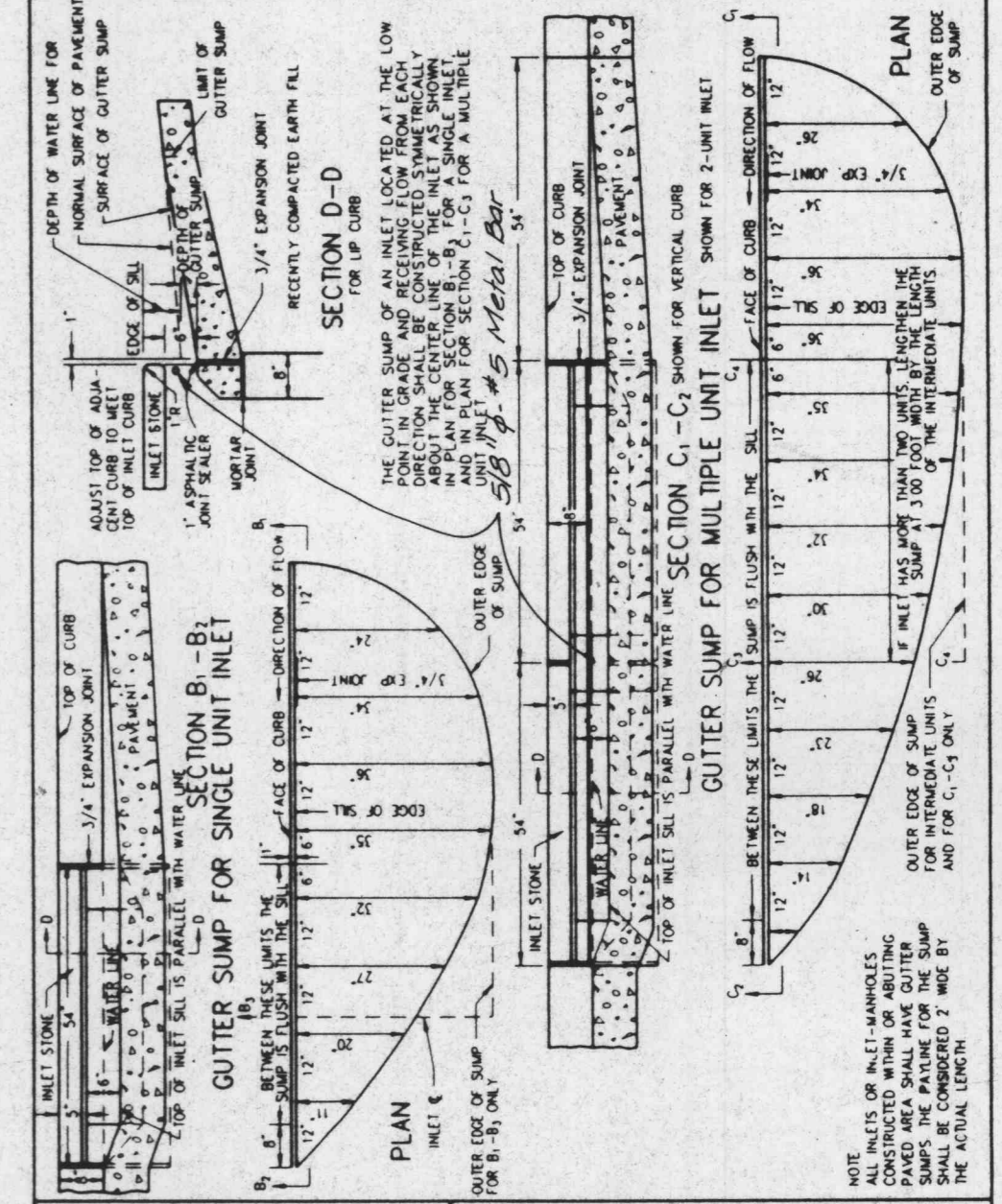
Dr. W.S.H. 1992 SHEET 53



MANHOLE STEP FOR PRECAST MANHOLE

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Standard Details of Sewer Construction

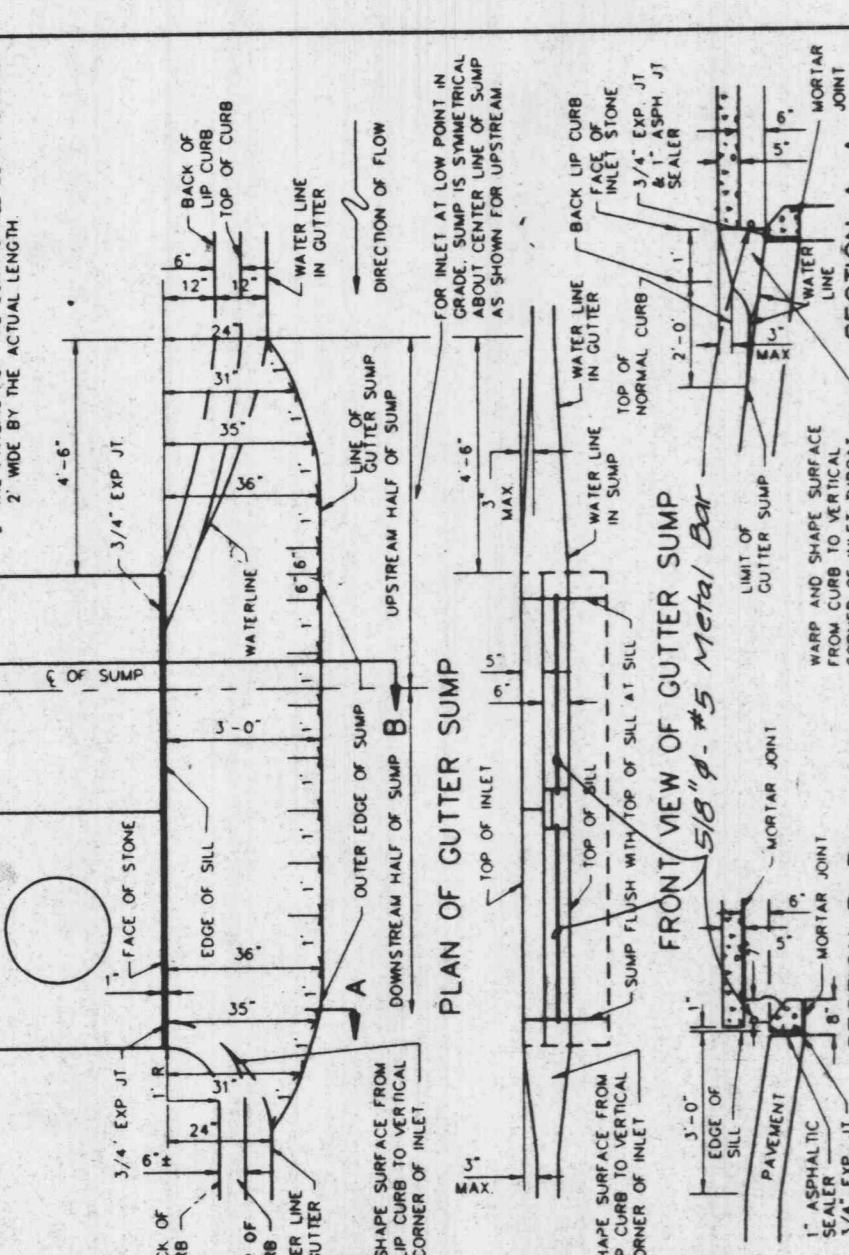
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GUTTER SUMPS FOR VERTICAL CURB

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

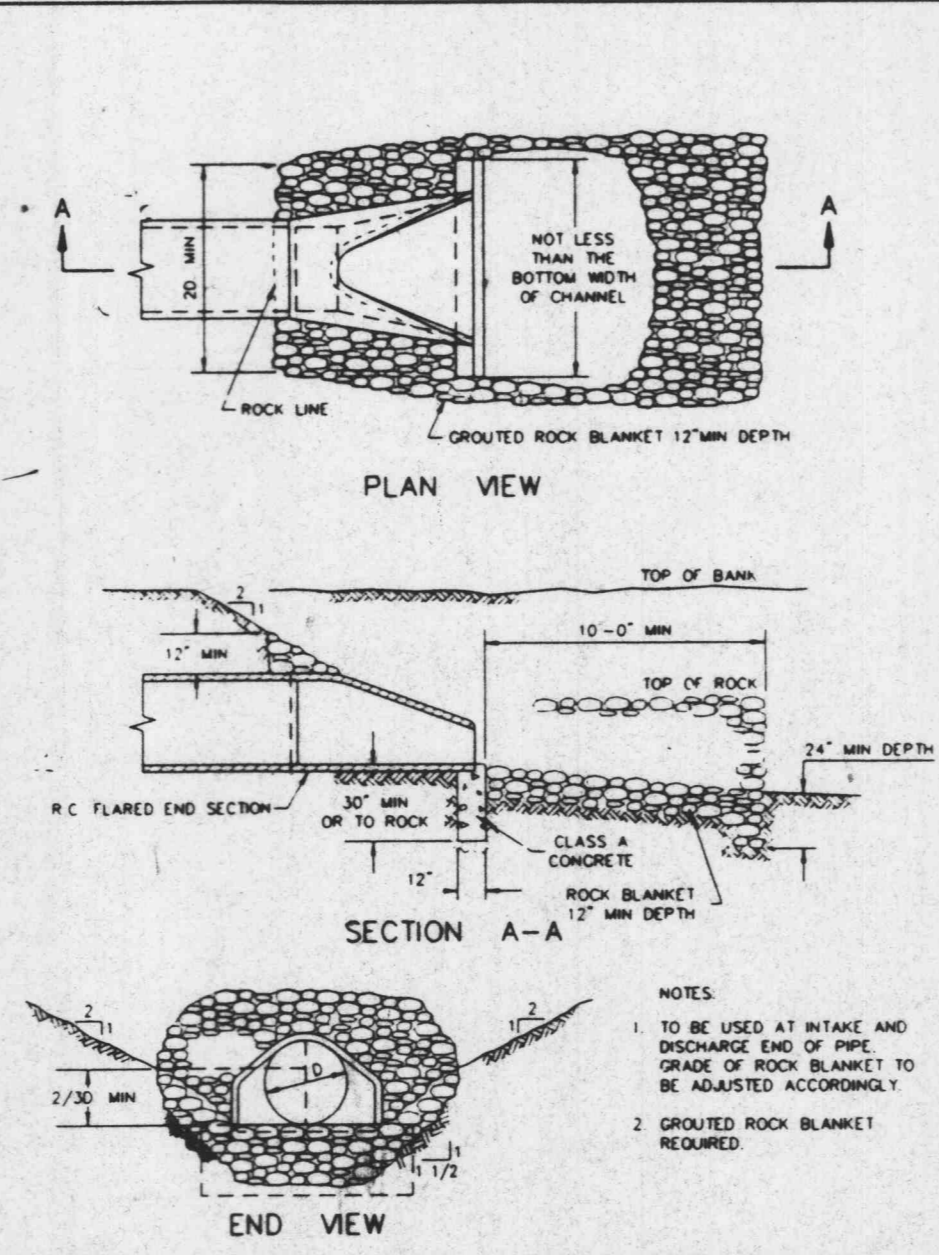
Dr. W.S.H. 1992 SHEET 55



GUTTER SUMP FOR CURB

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

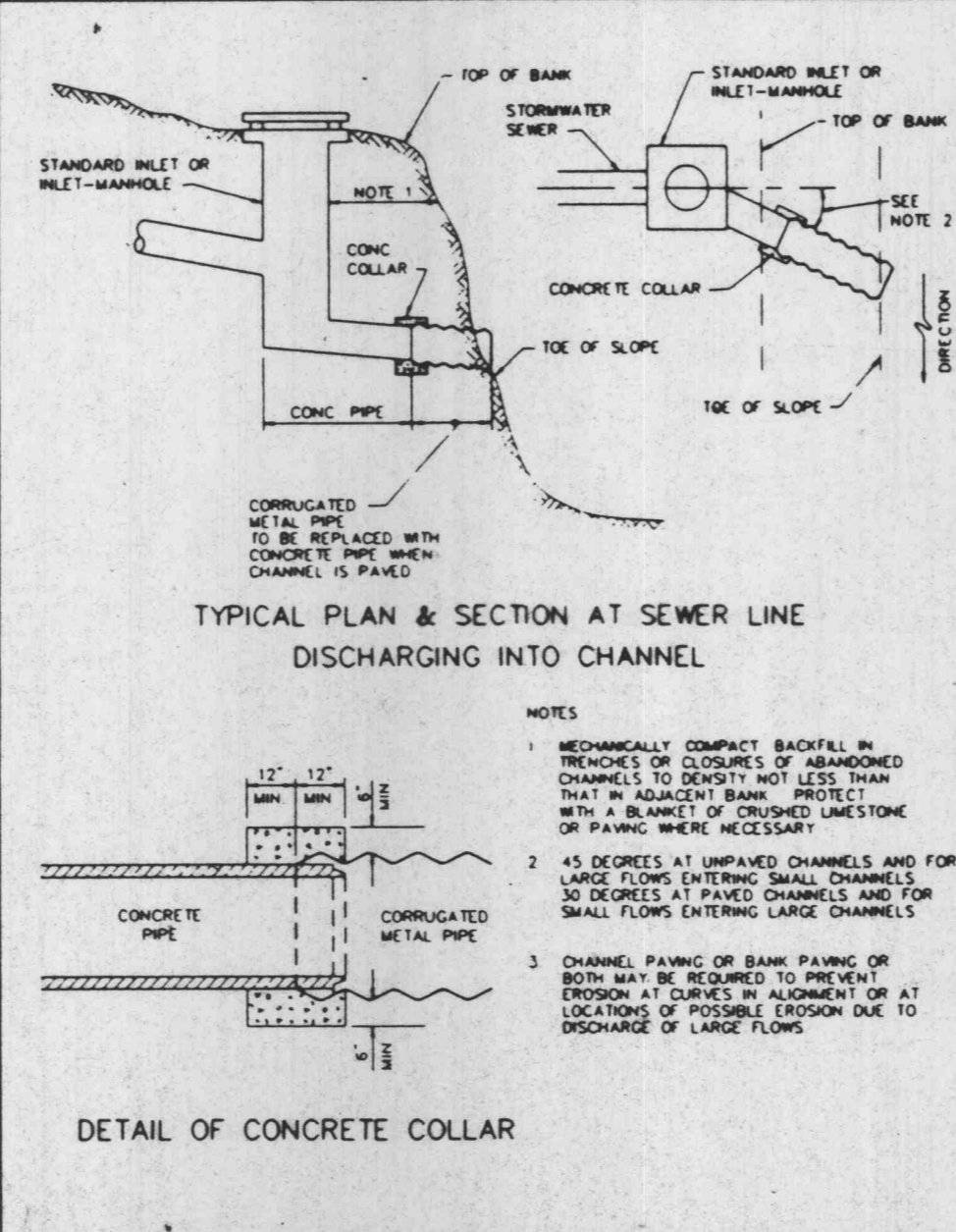
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FLARED END SECTION

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Standard Details of Sewer Construction

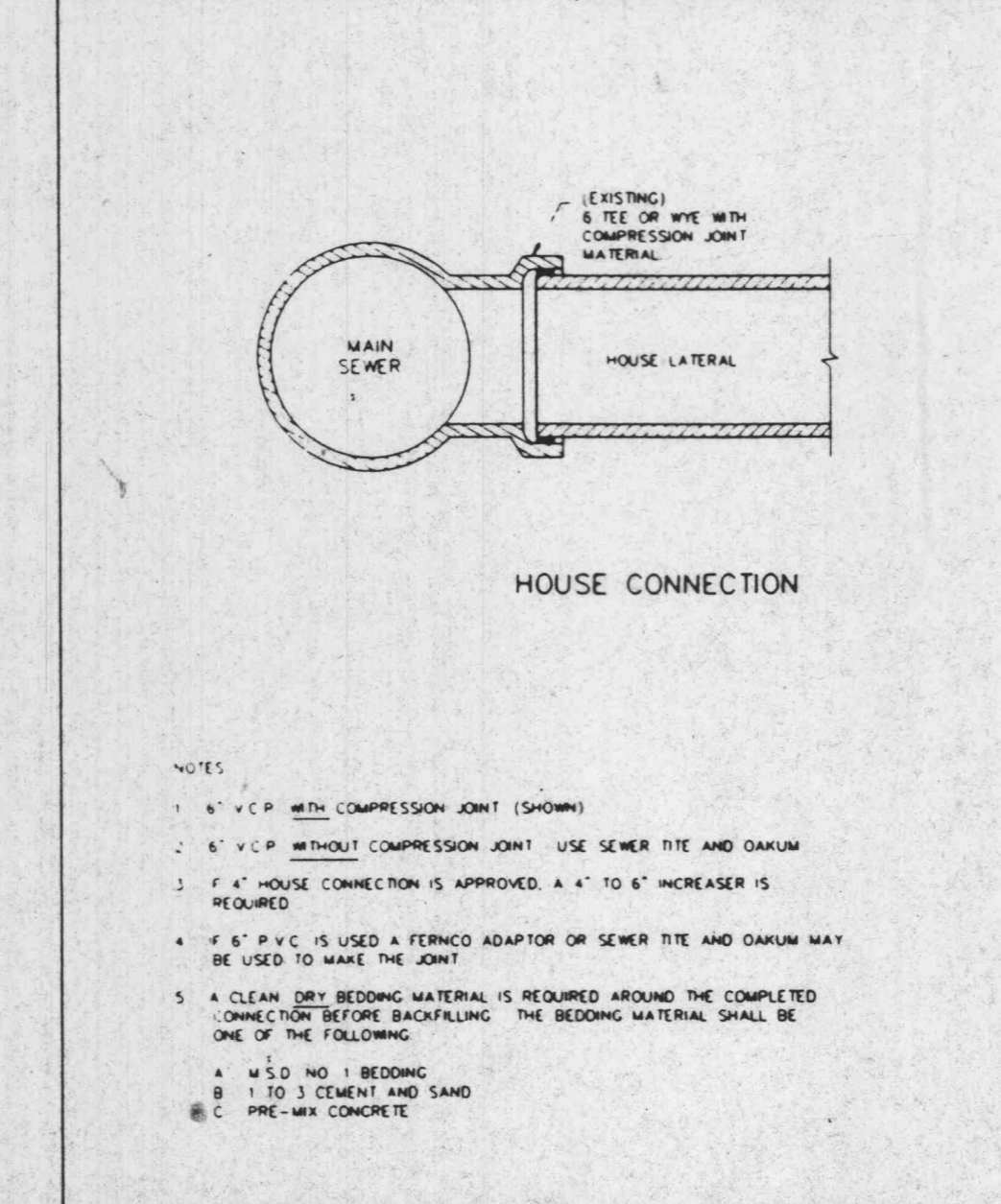
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STORMWATER CHANNELS

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

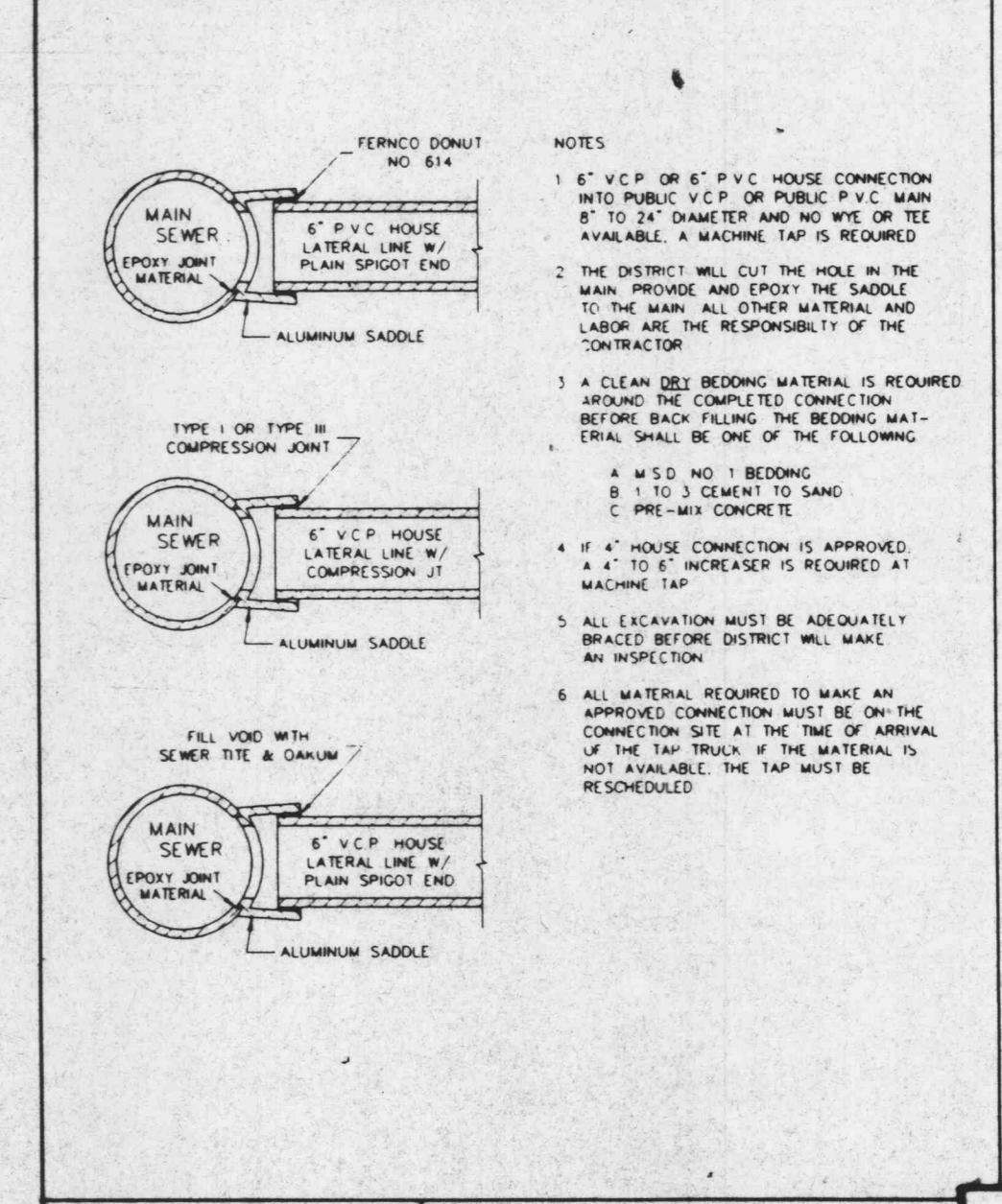
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HOUSE CONNECTION TO EXISTING TEE OR WYE

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Dr. D.A.B. 1992 SHEET 59



MACHINE TAP

METROPOLITAN ST. LOUIS SEWER DISTRICT  
Standard Details of Sewer Construction

Dr. W.S.H. 1992 SHEET 60