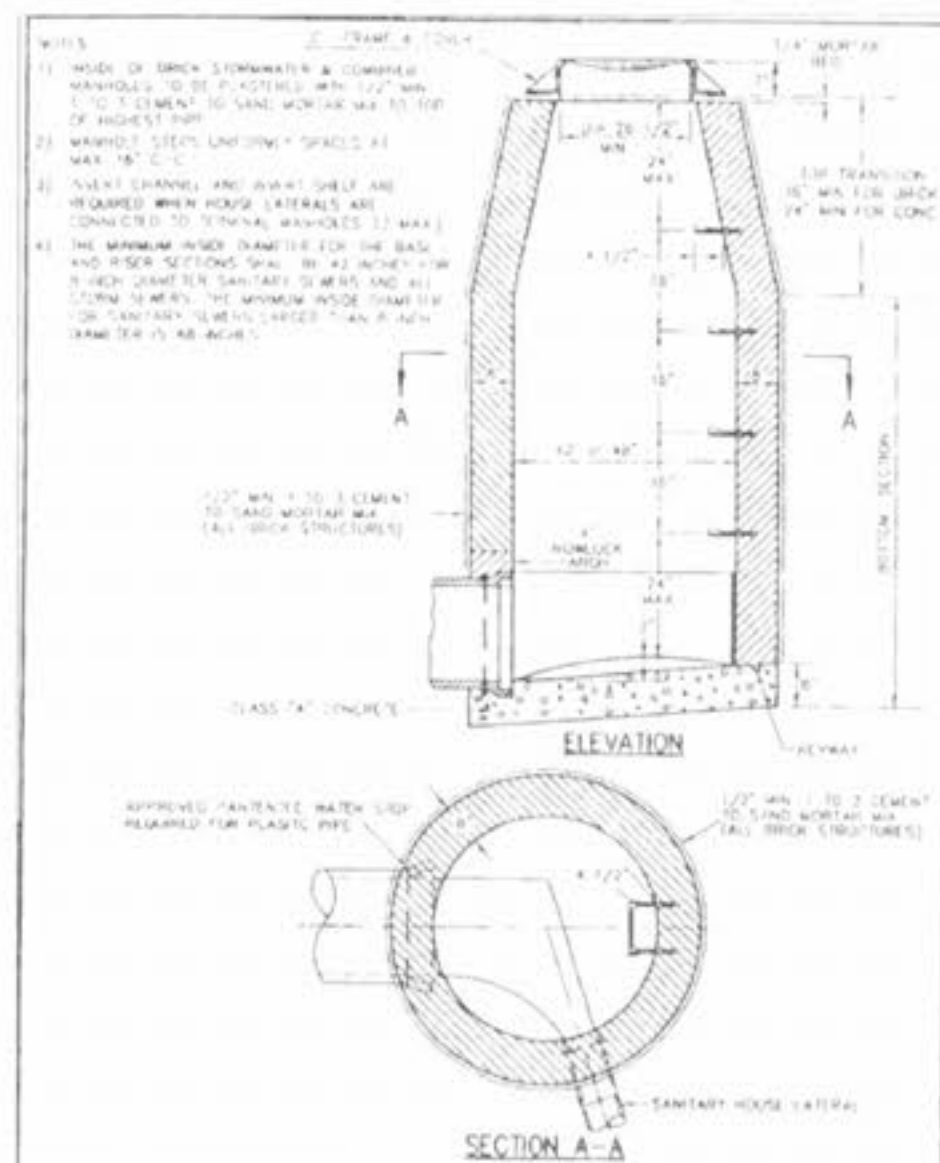
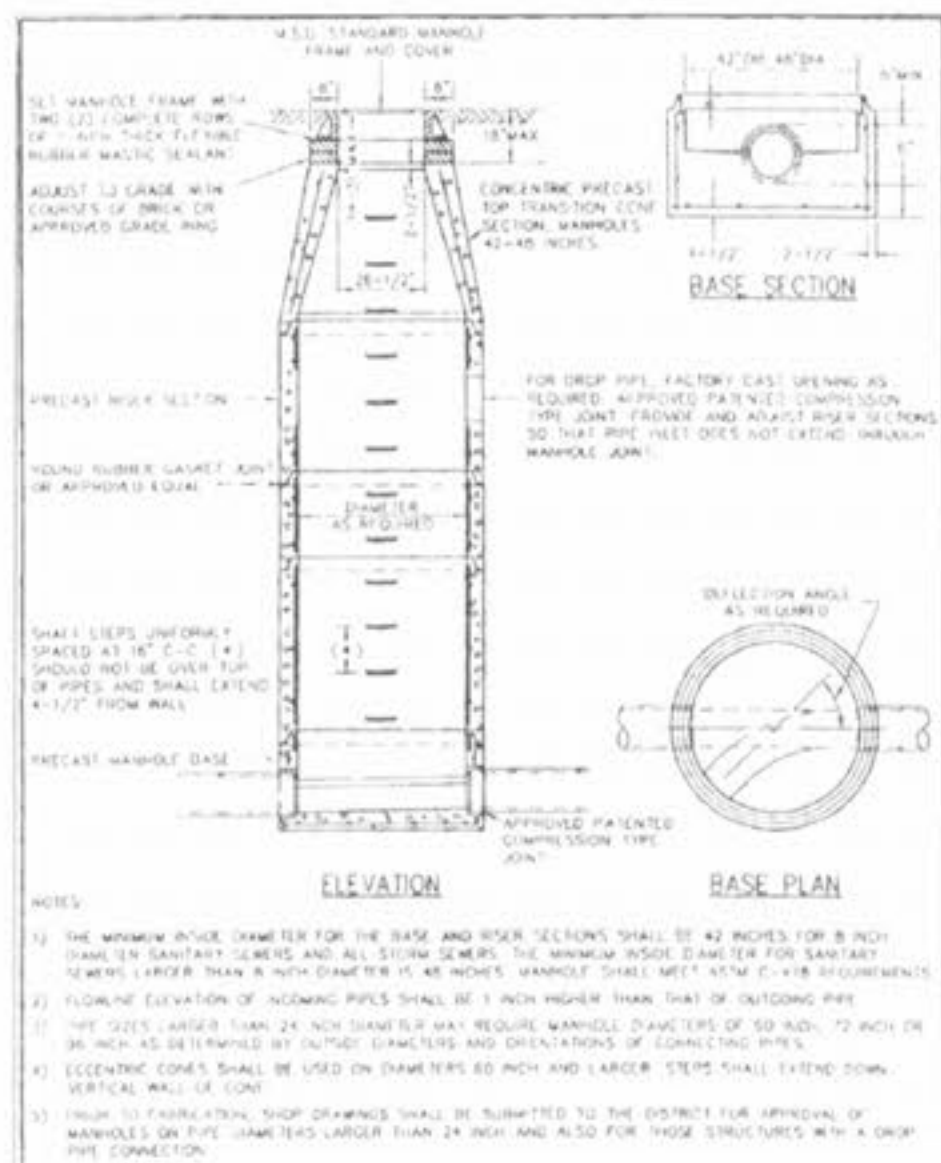


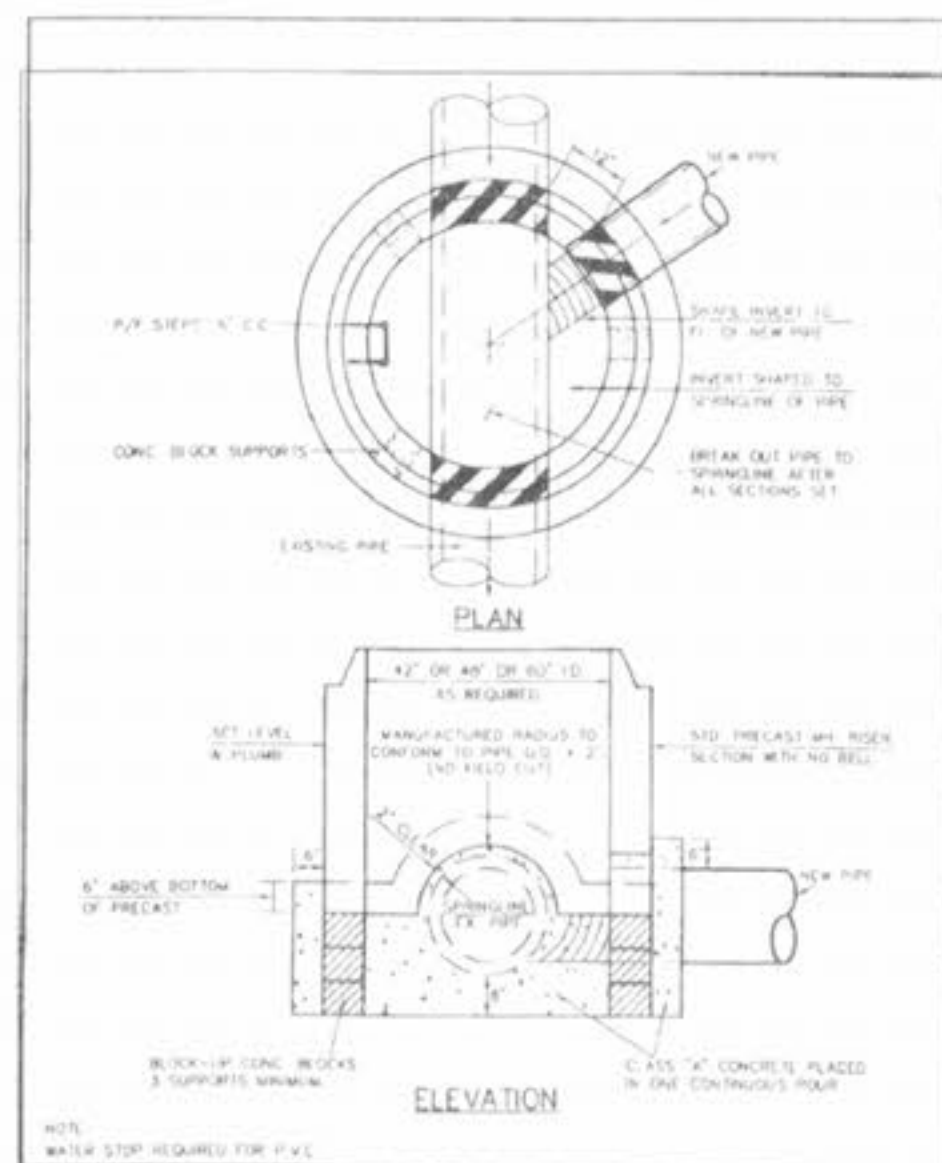
INSIDE FOULWATER DROP MANHOLE (FOR FREE-FALL) METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 19



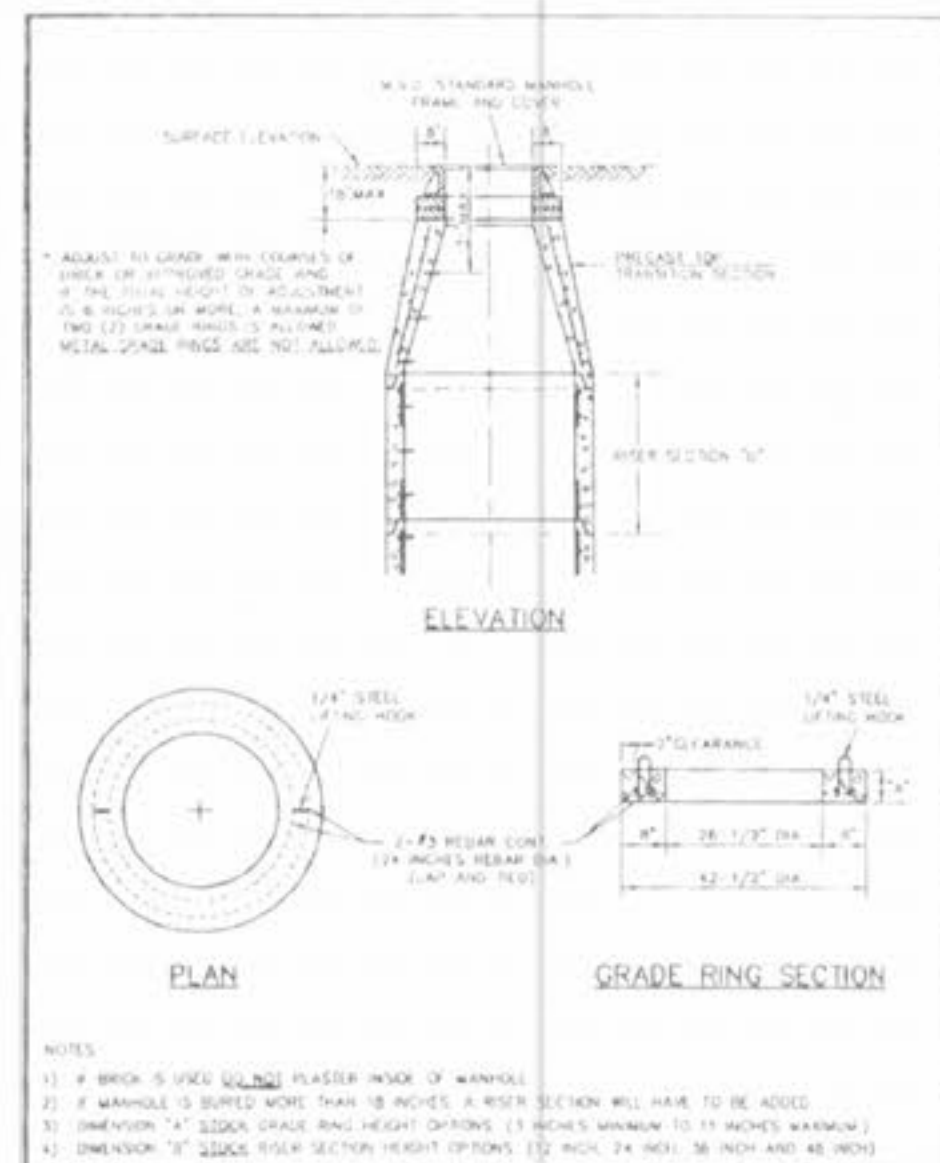
TERMINAL MANHOLE METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 20



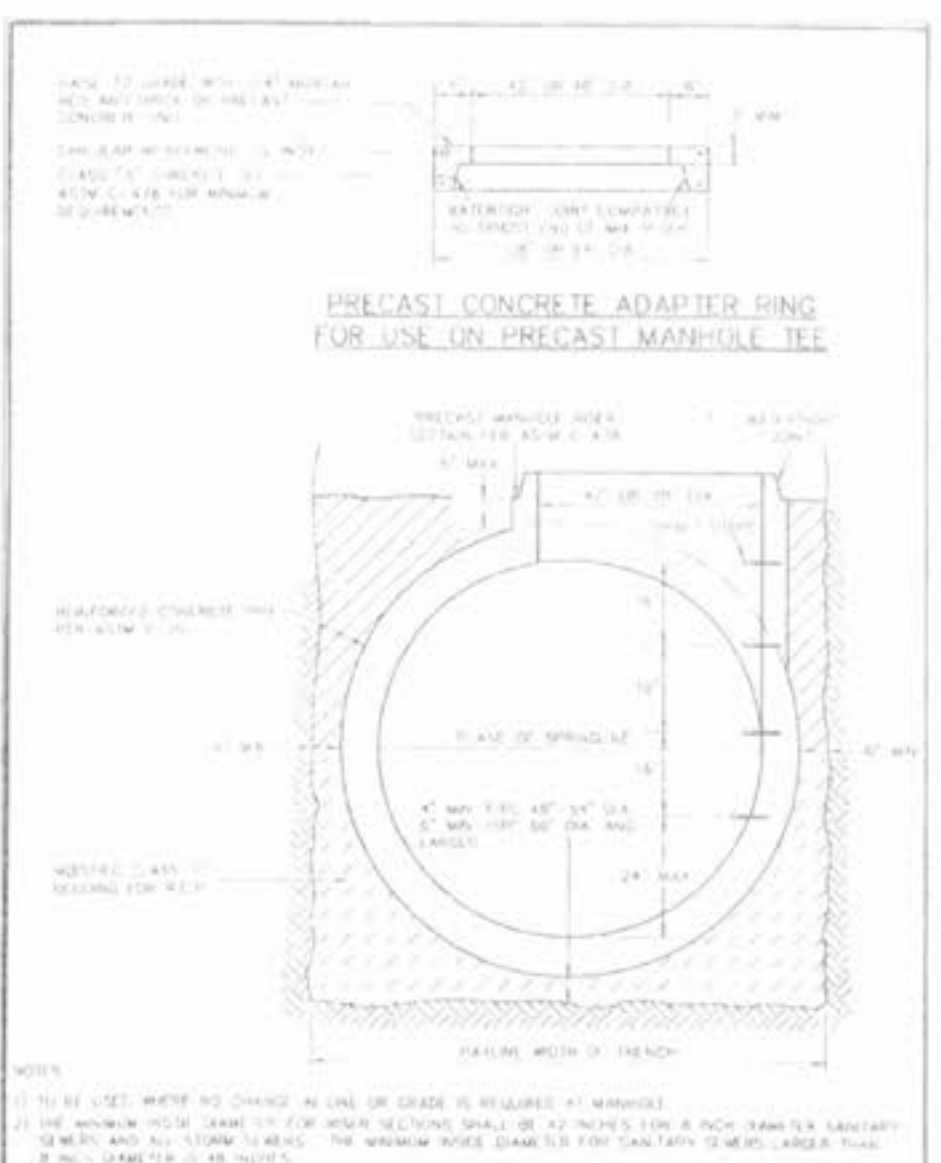
PRECAST CONCRETE MANHOLE METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 21



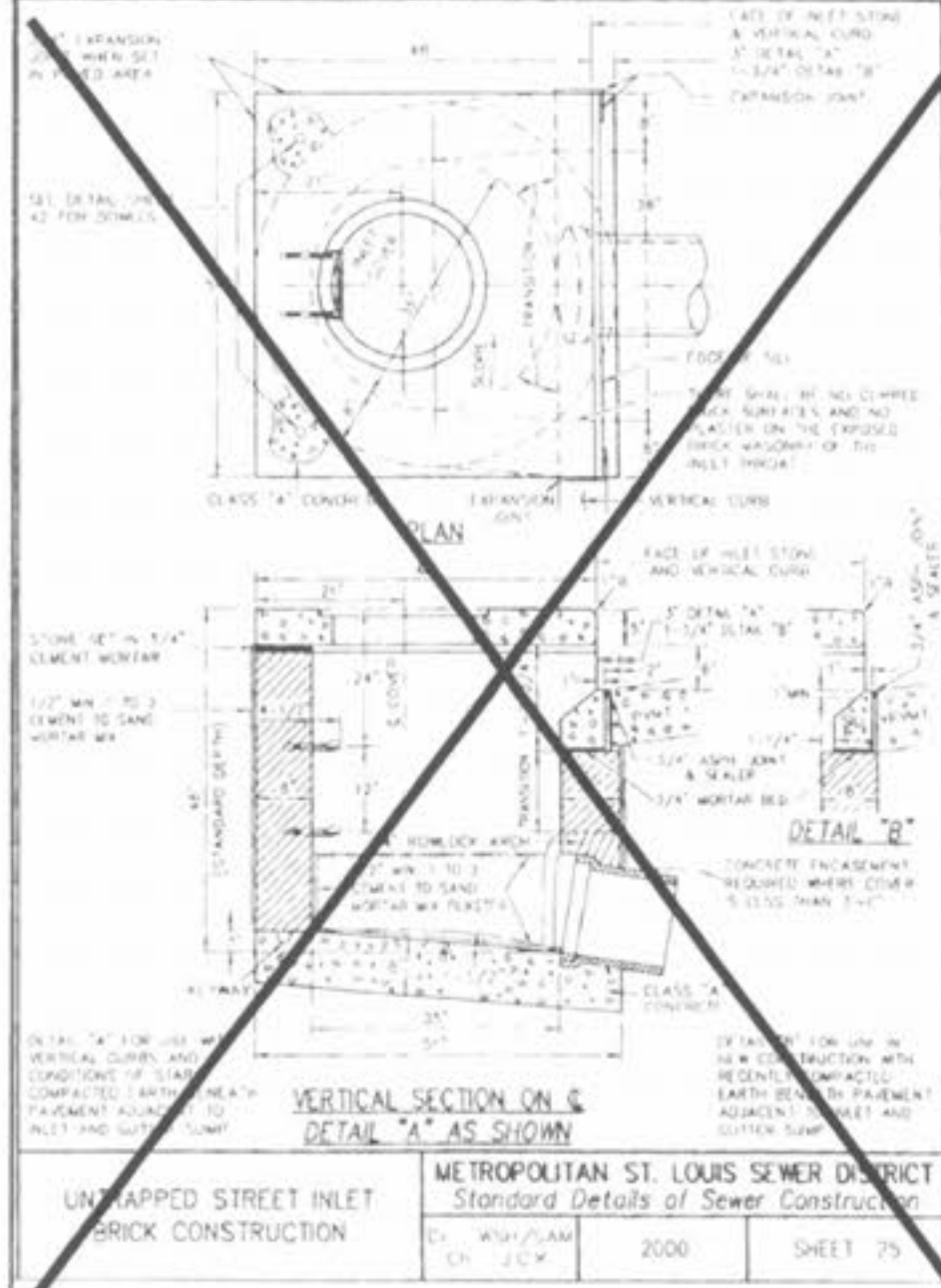
PRECAST MANHOLE ON EXIST. PIPE W/CONTINUOUS FLOW ONLY METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 22



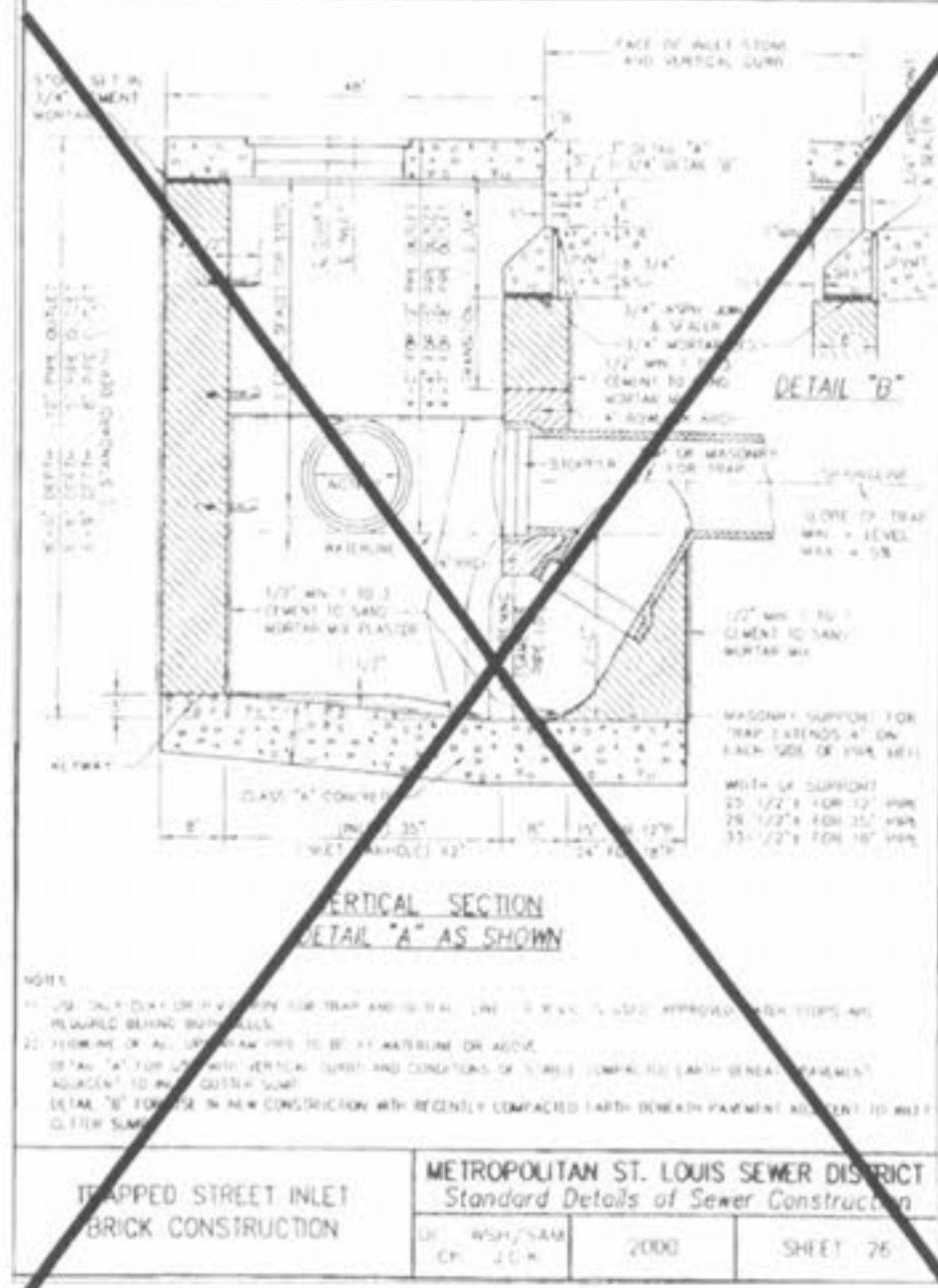
ADJUST TO GRADE METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 23



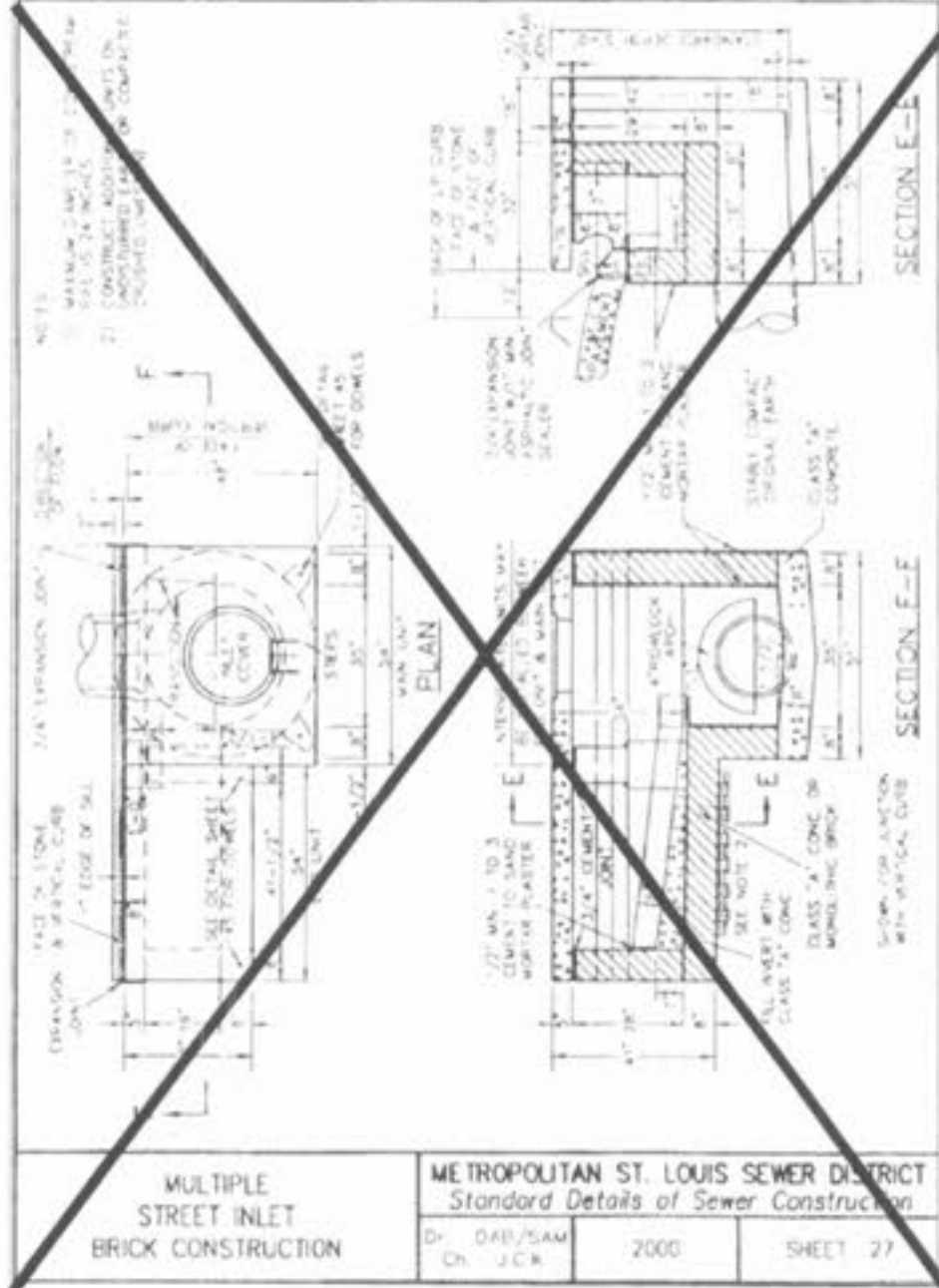
TYPICAL PRECAST MANHOLE TEE FOR REINFORCED CONCRETE PIPE SEWERS 48 INCH AND LARGER IN DIAMETER METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 24



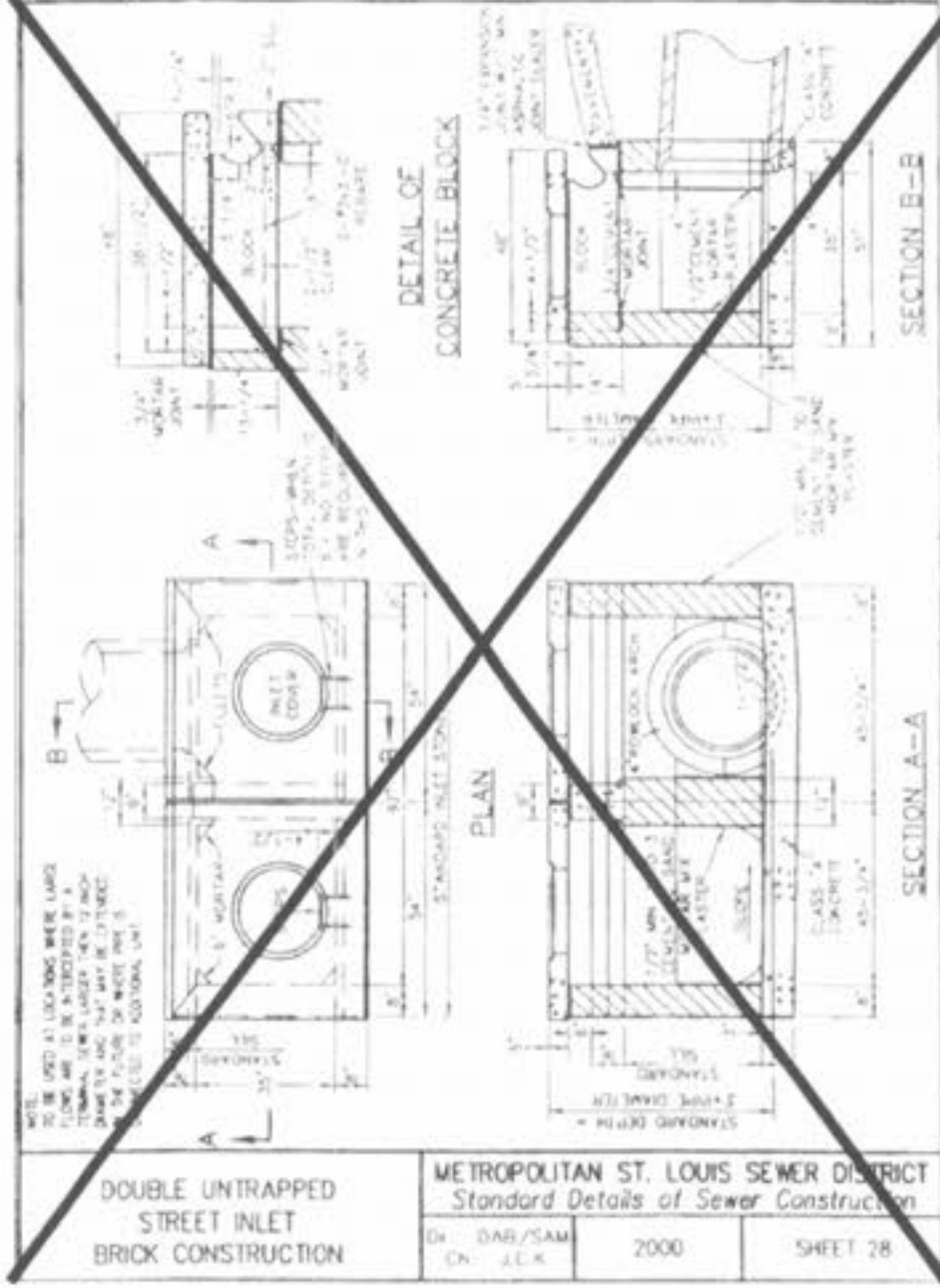
UNTRAPPED STREET INLET BRICK CONSTRUCTION METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 25



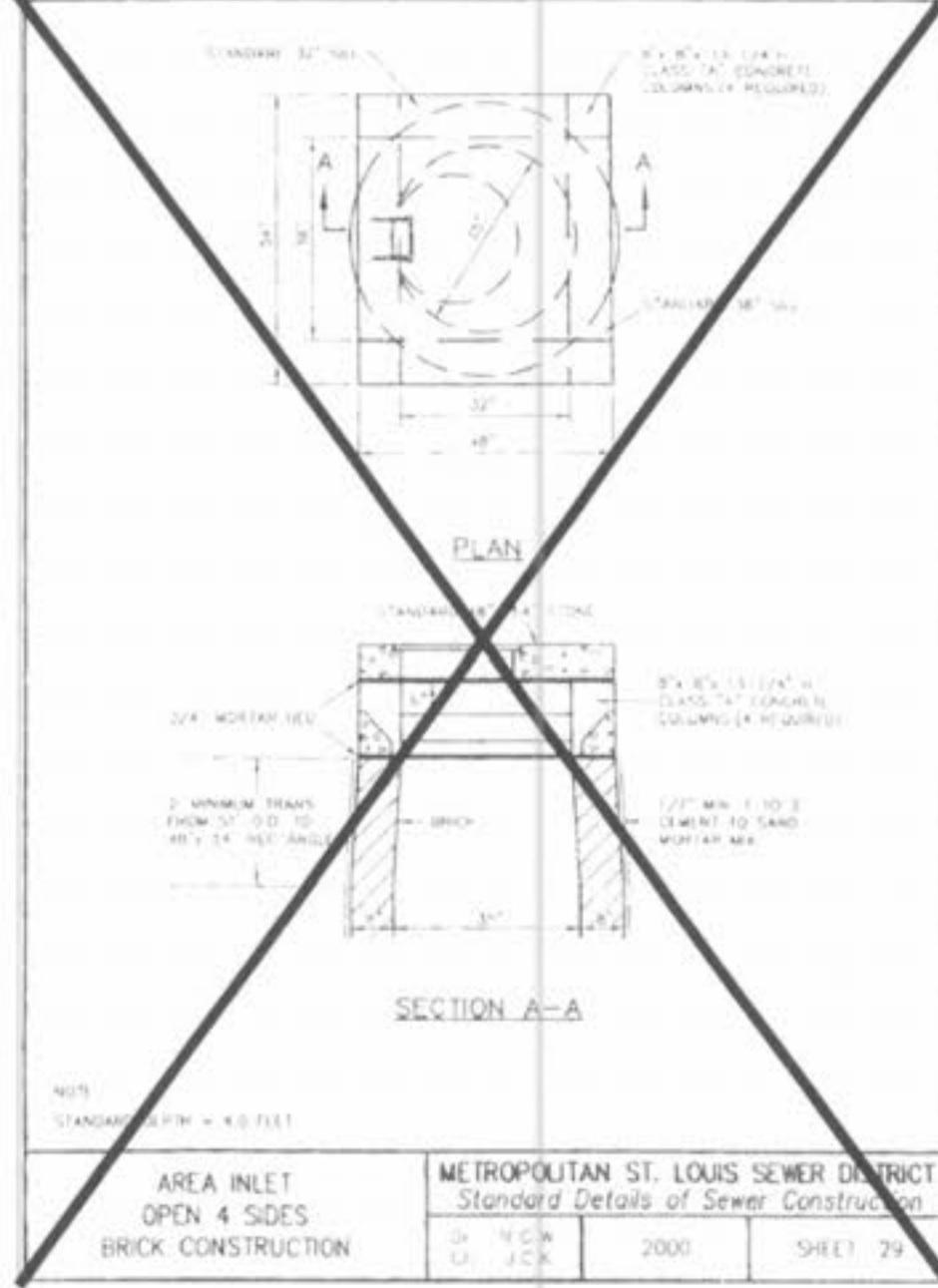
TRAPPED STREET INLET BRICK CONSTRUCTION METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 26



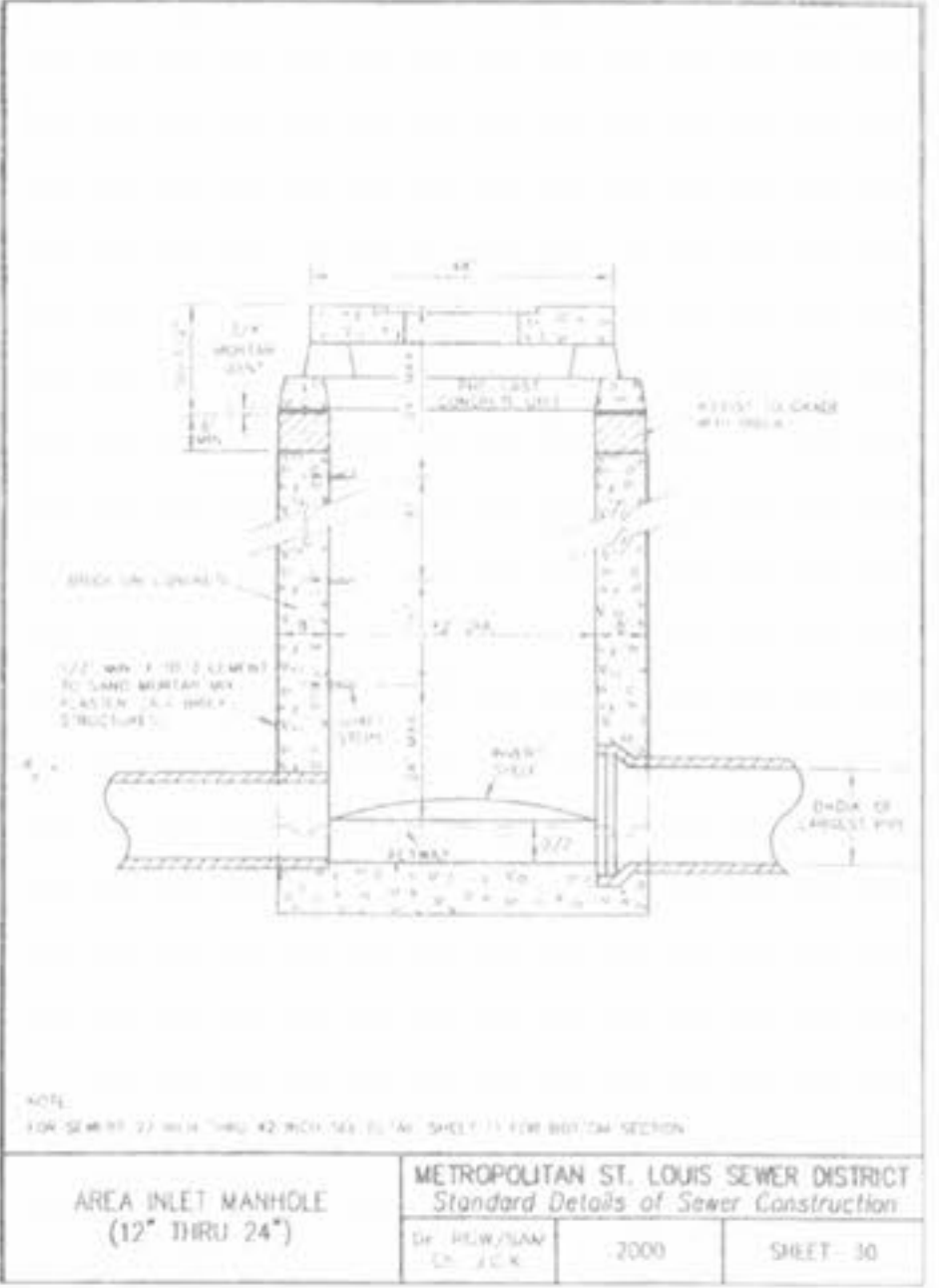
MULTIPLE STREET INLET BRICK CONSTRUCTION METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 27



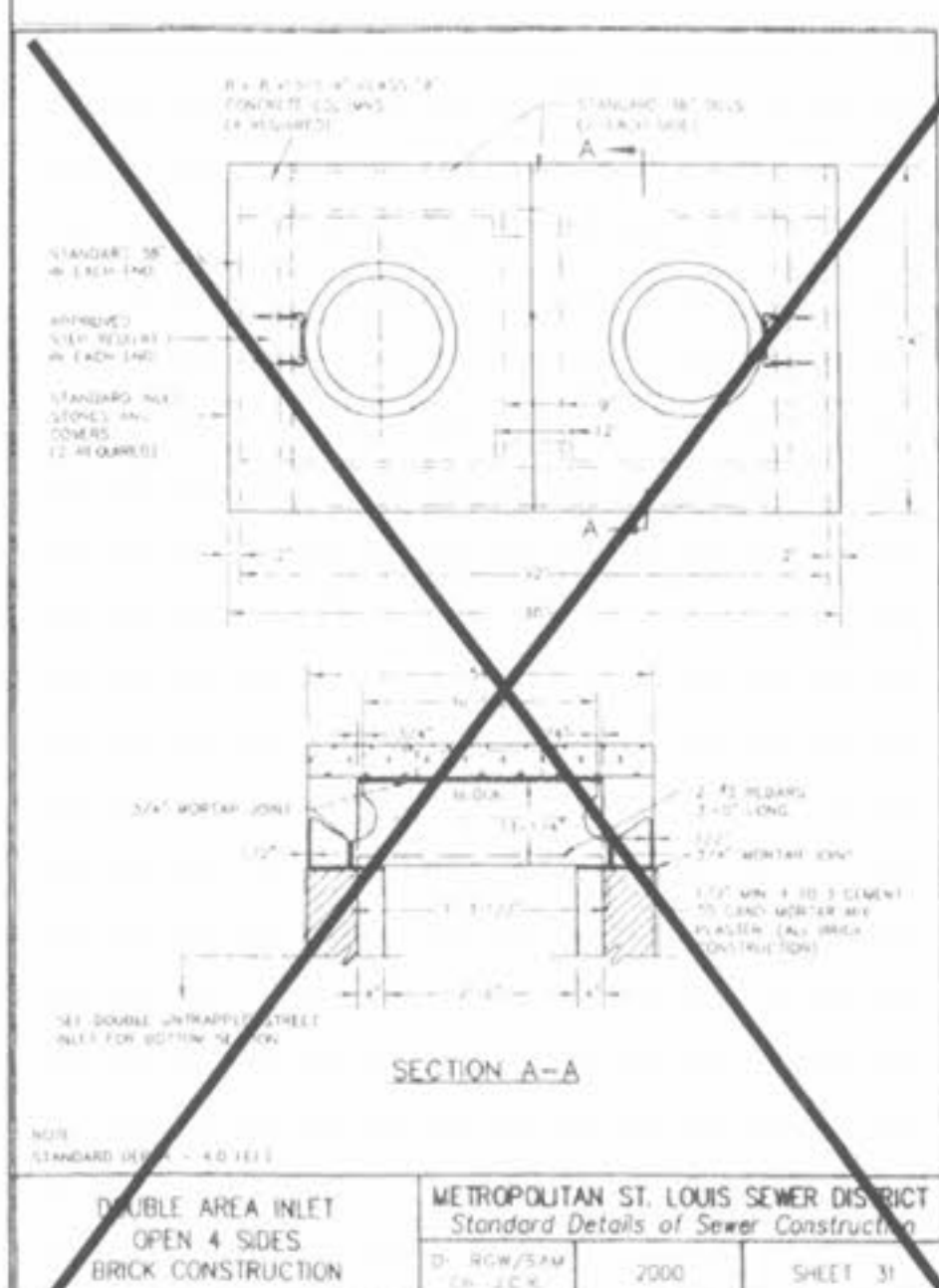
DOUBLE UNTRAPPED STREET INLET BRICK CONSTRUCTION METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 28



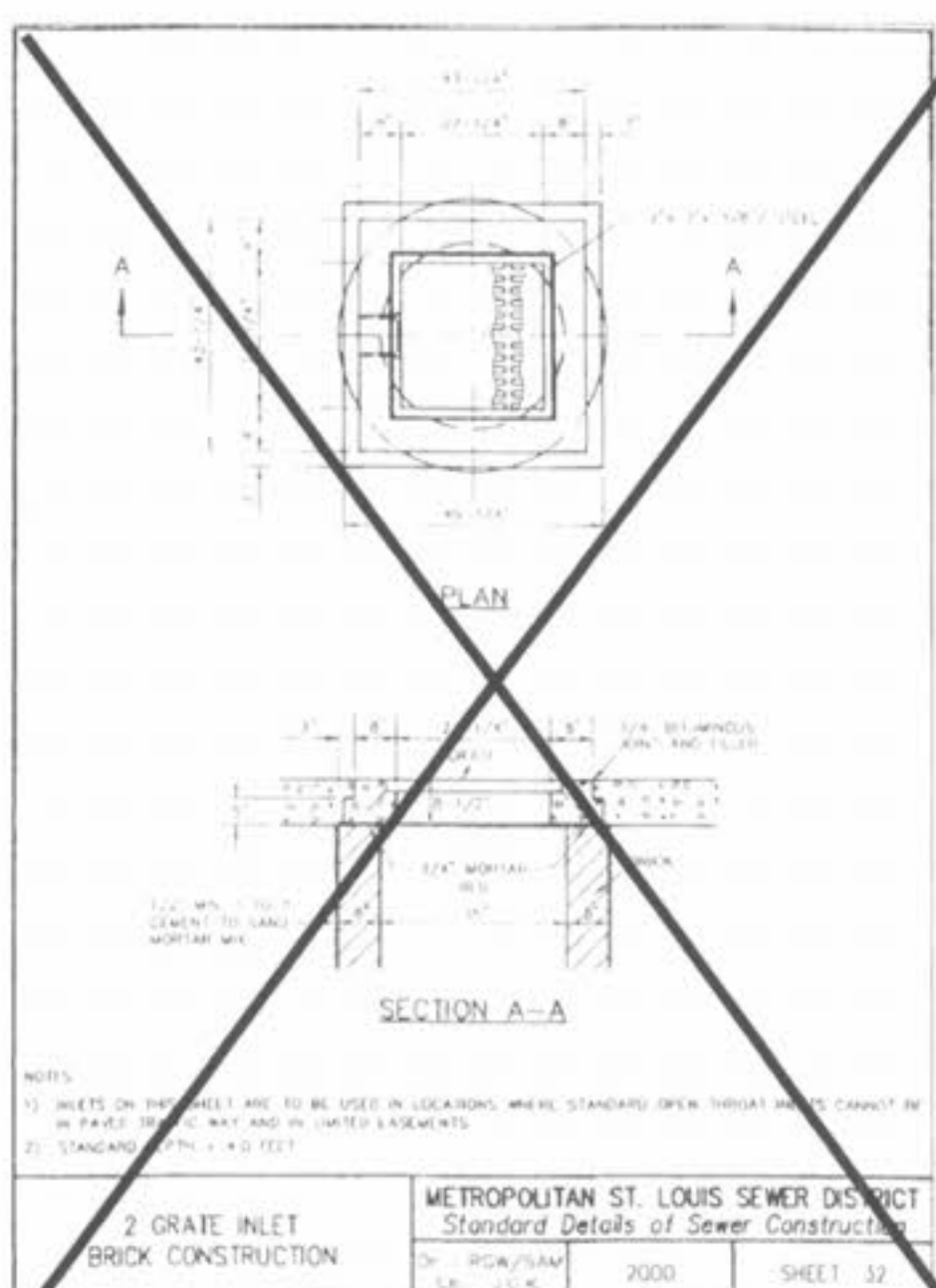
AREA INLET OPEN 4 SIDES BRICK CONSTRUCTION METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 29



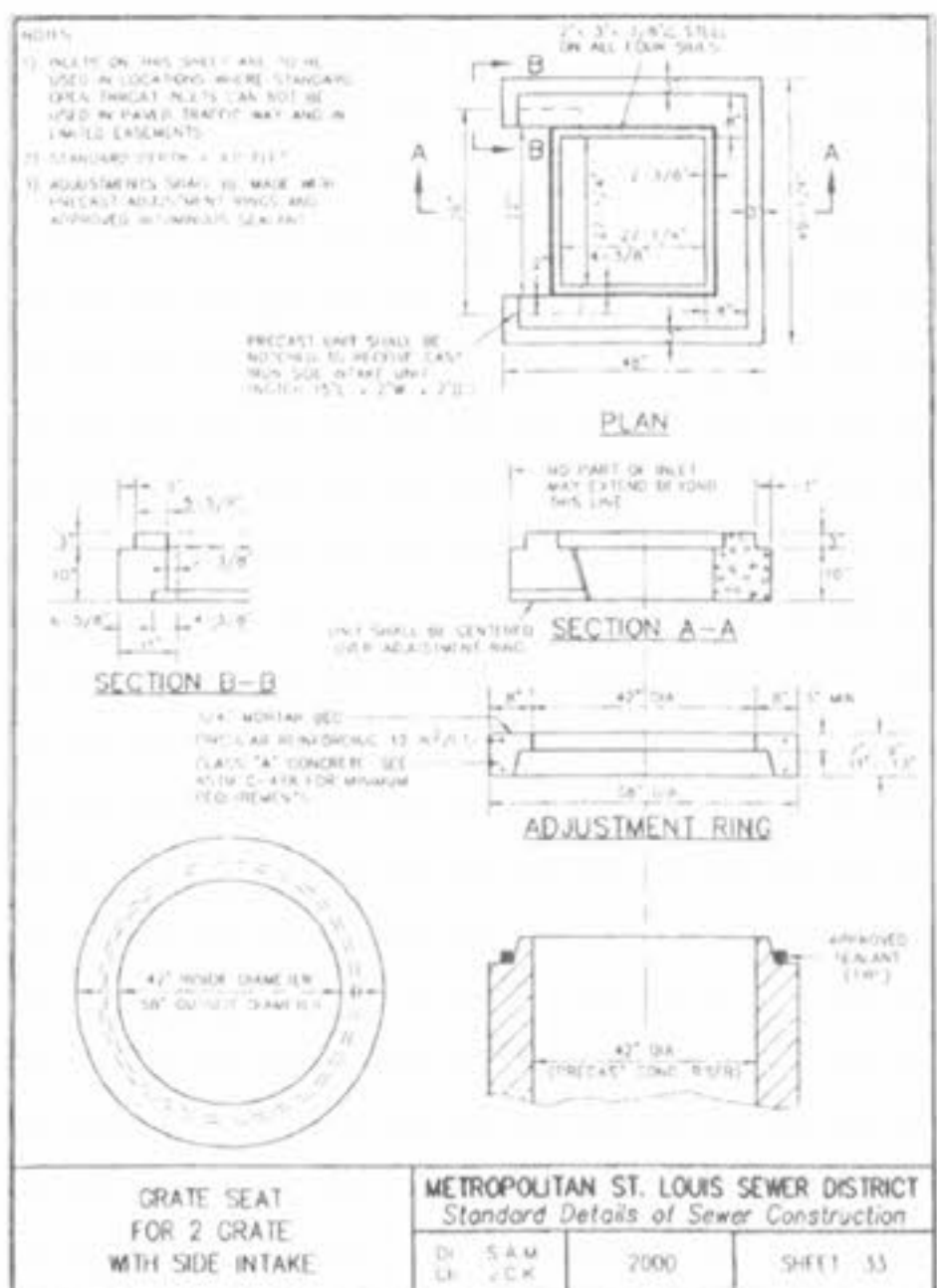
AREA INLET MANHOLE (12\"/>



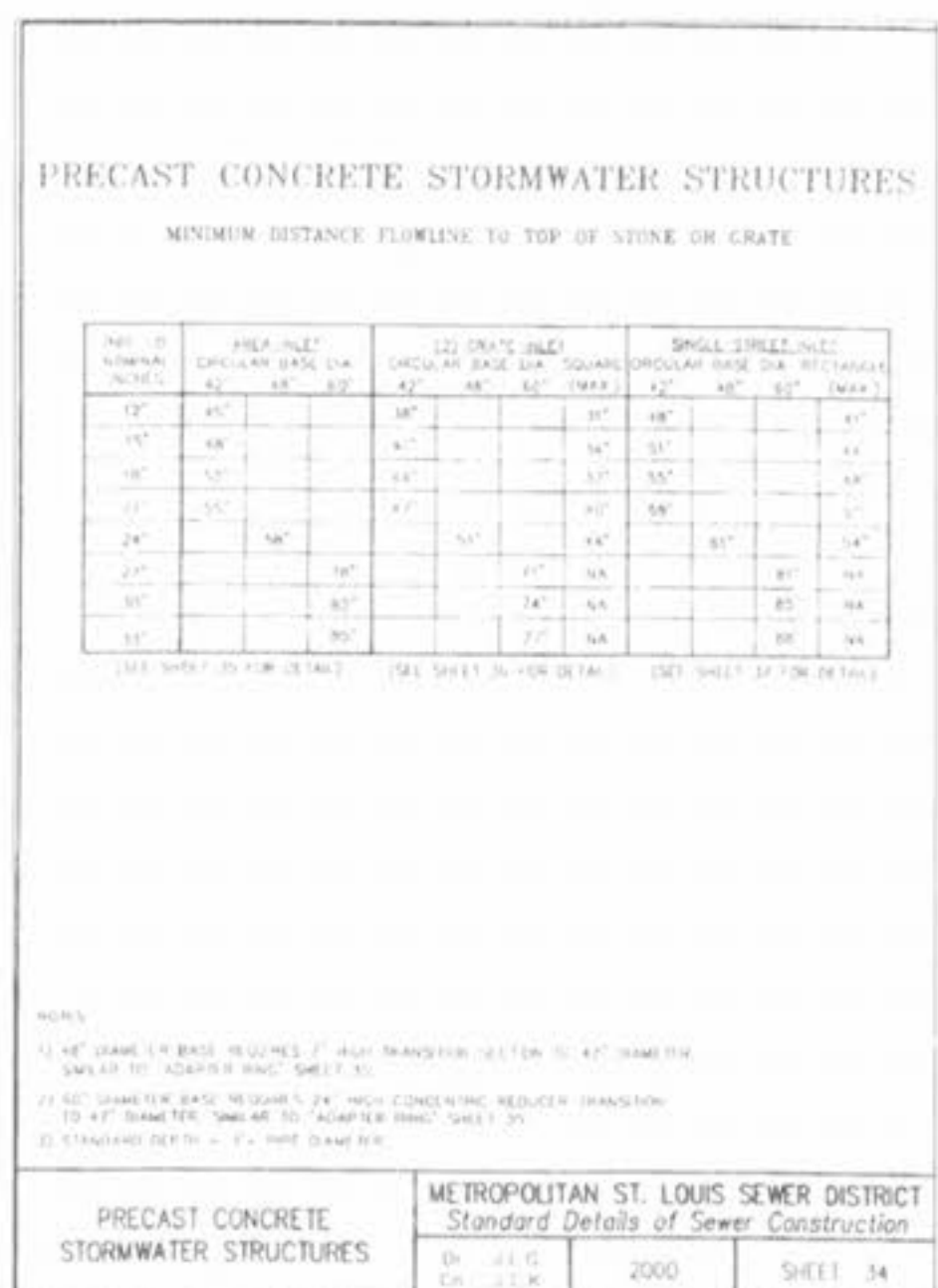
DOUBLE AREA INLET OPEN 4 SIDES BRICK CONSTRUCTION METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 31



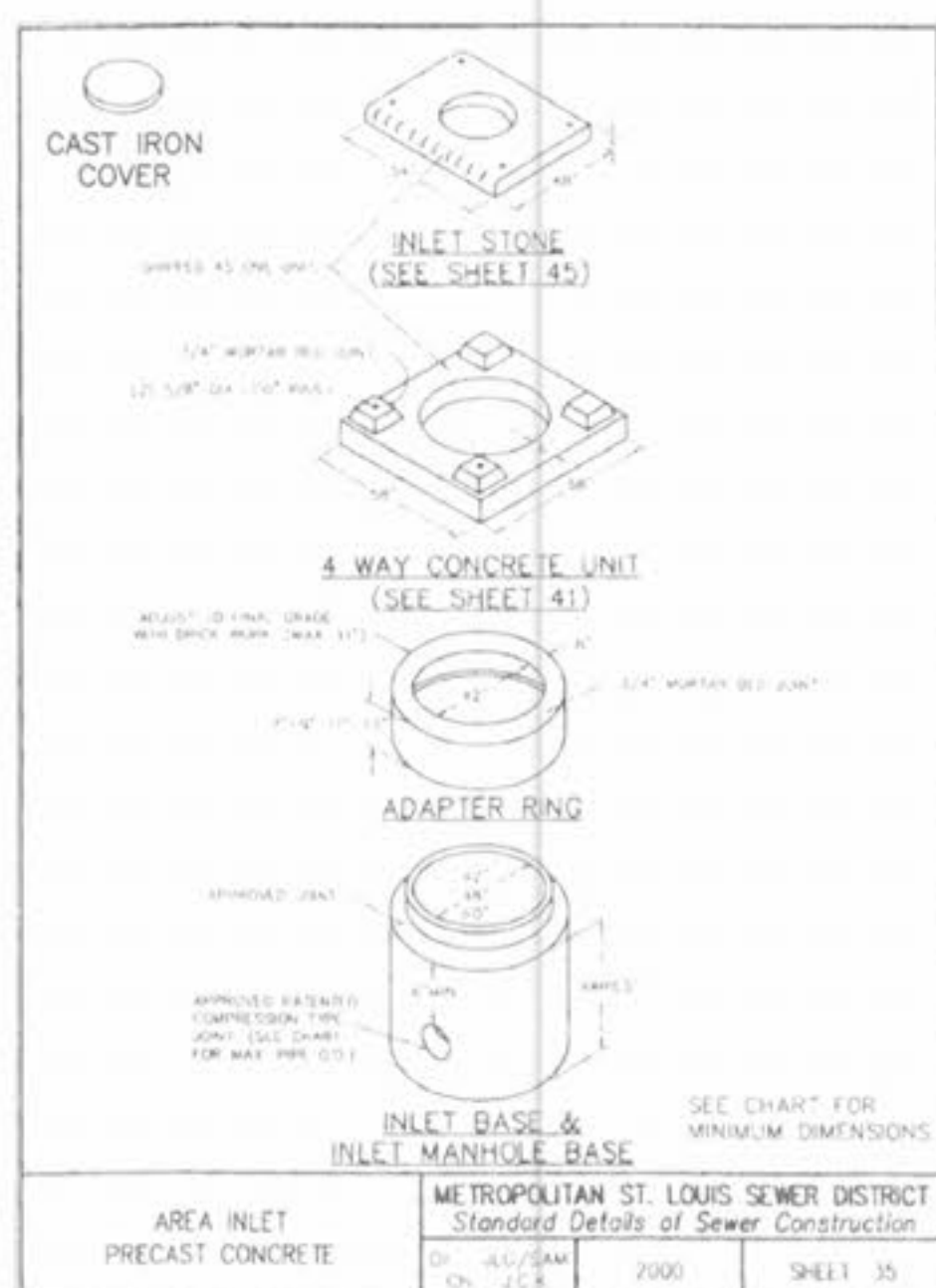
2 GRATE INLET BRICK CONSTRUCTION METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 32



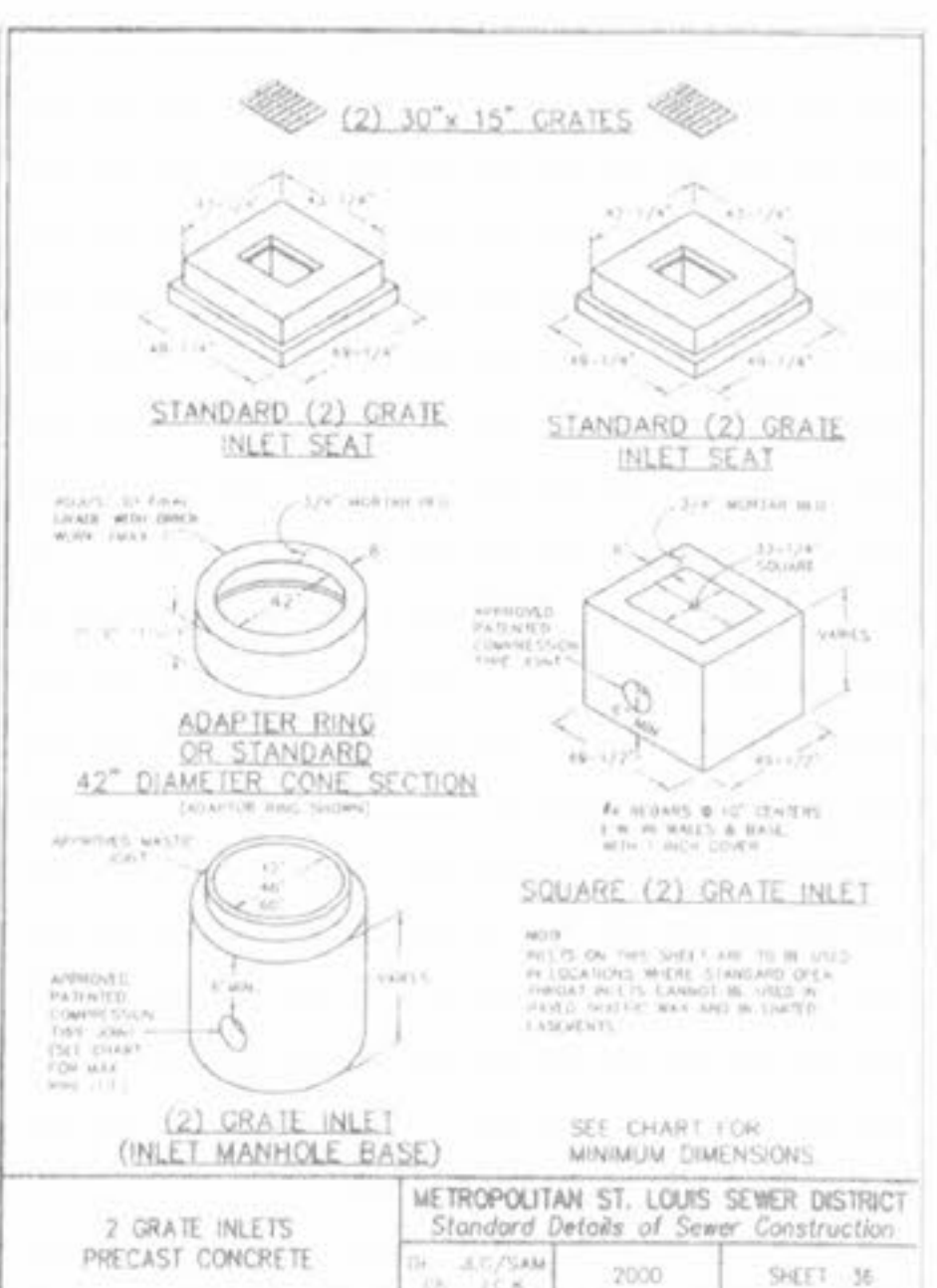
GRATE SEAT FOR 2 GRATES WITH SIDE INTAKE METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 33



PRECAST CONCRETE STORMWATER STRUCTURES METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 34



AREA INLET PRECAST CONCRETE METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 35



2 GRATE INLETS PRECAST CONCRETE METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction SHEET 36

ISSUE	REMARKS/DATE
1	03-01-04 FIRST SUBMITTAL
2	06-15-04 REVISED PER CITY COMMENTS
3	07-20-04 REVISED PER CITY COMMENTS
4	08-04-04 REVISED PER CITY COMMENTS
5	08-12-04 REVISED PER PWS&Z COMMENTS

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PROJECT:	NO. 03 06 147
DRAWN:	M.S.D. SHEET
DESIGNED:	CD4
CHECKED:	MSD CONSTRUCTION DETAILS
SHEET TITLE:	MSD CONSTRUCTION DETAILS