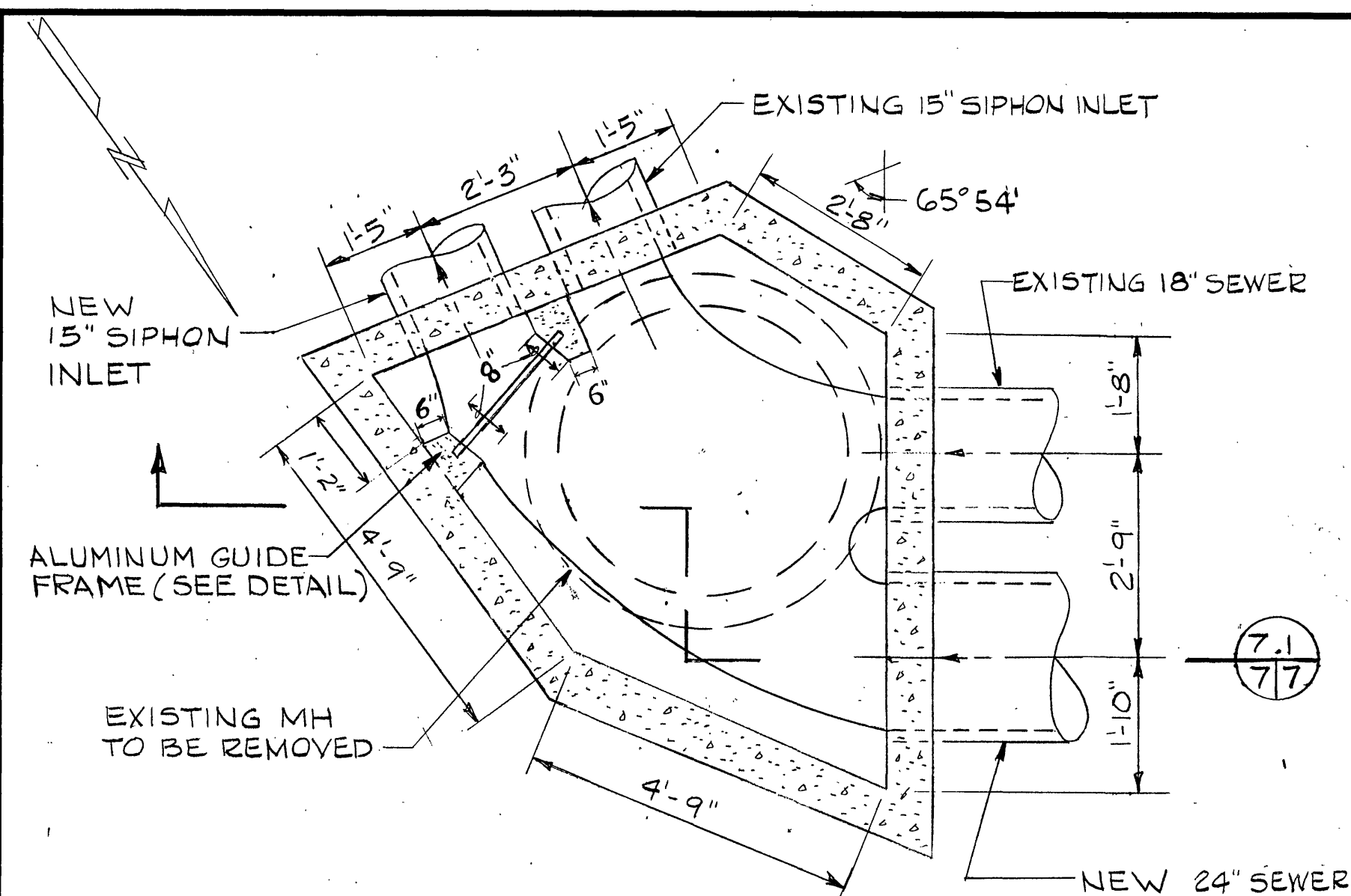
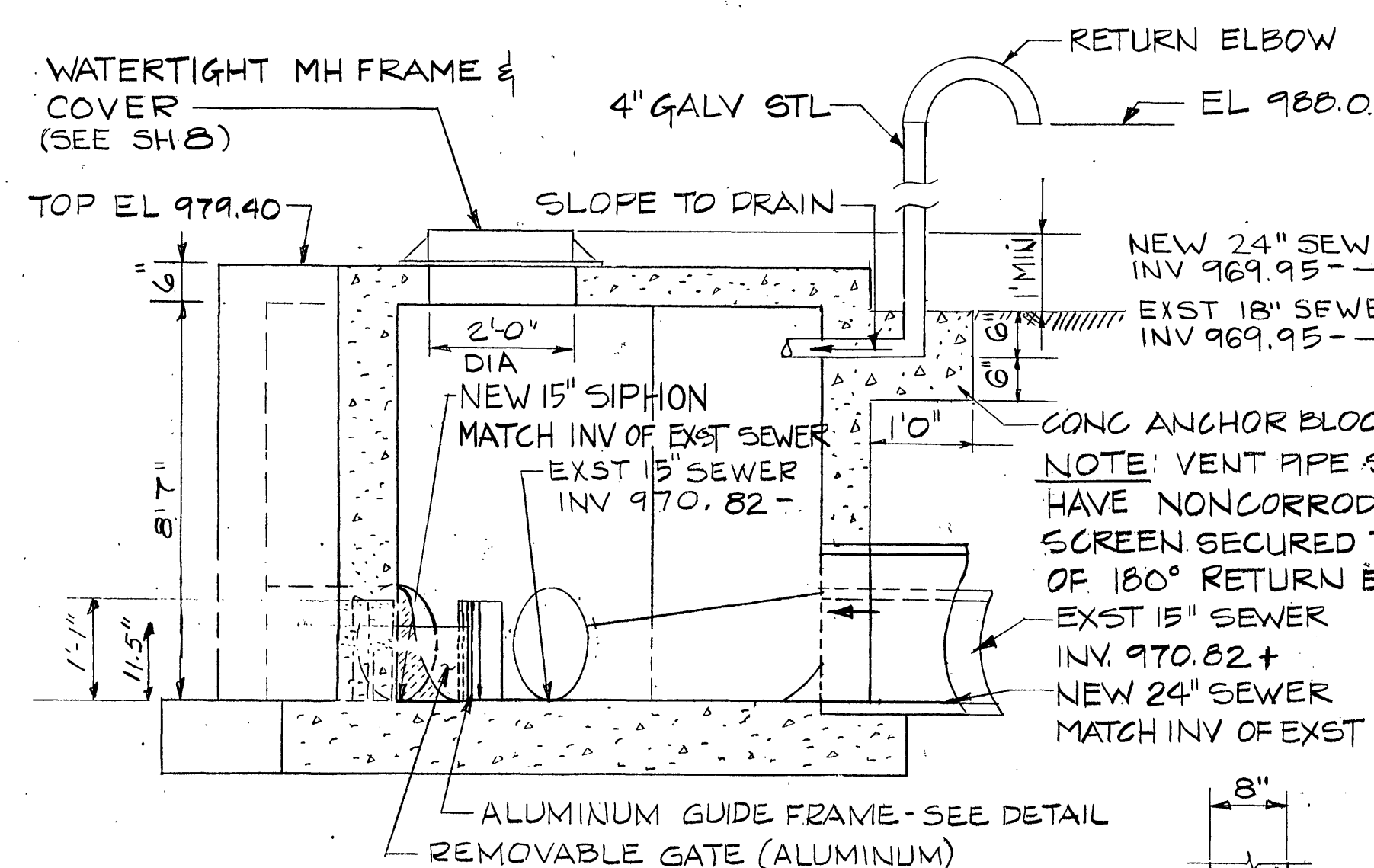


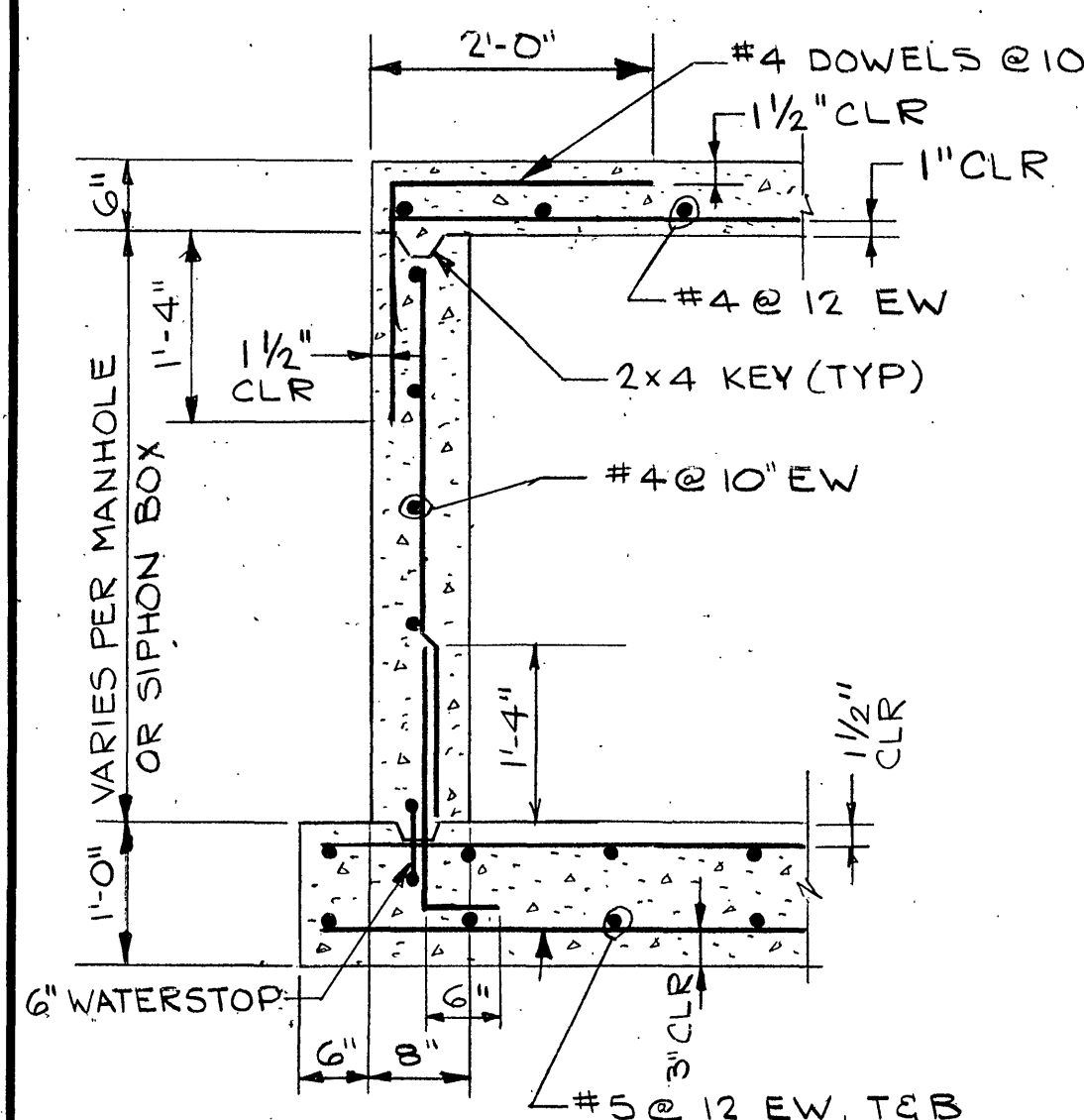


PLAN WITH TOP REMOVED



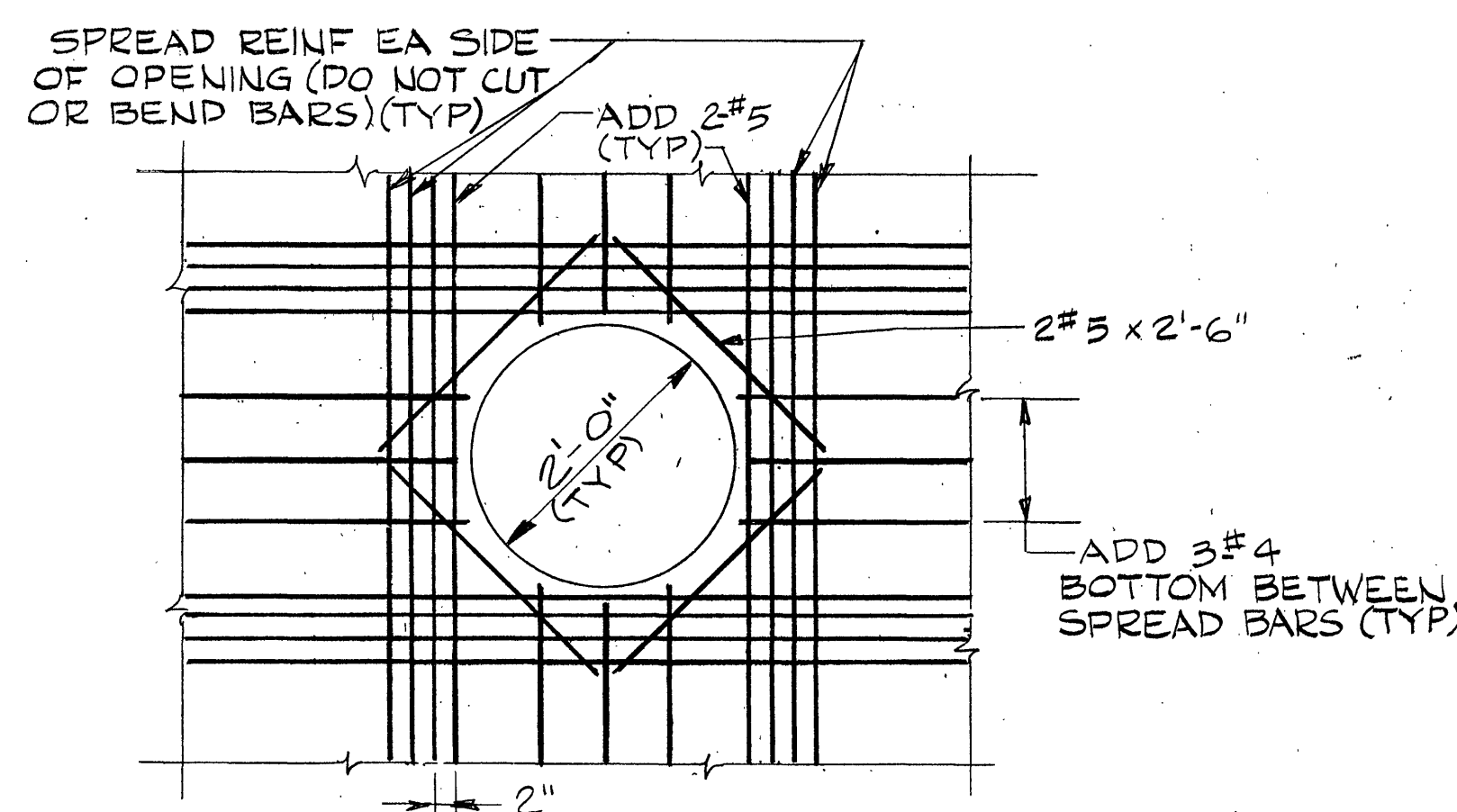
SECTION 7.1

SIPHON INLET BOX
NO SCALE

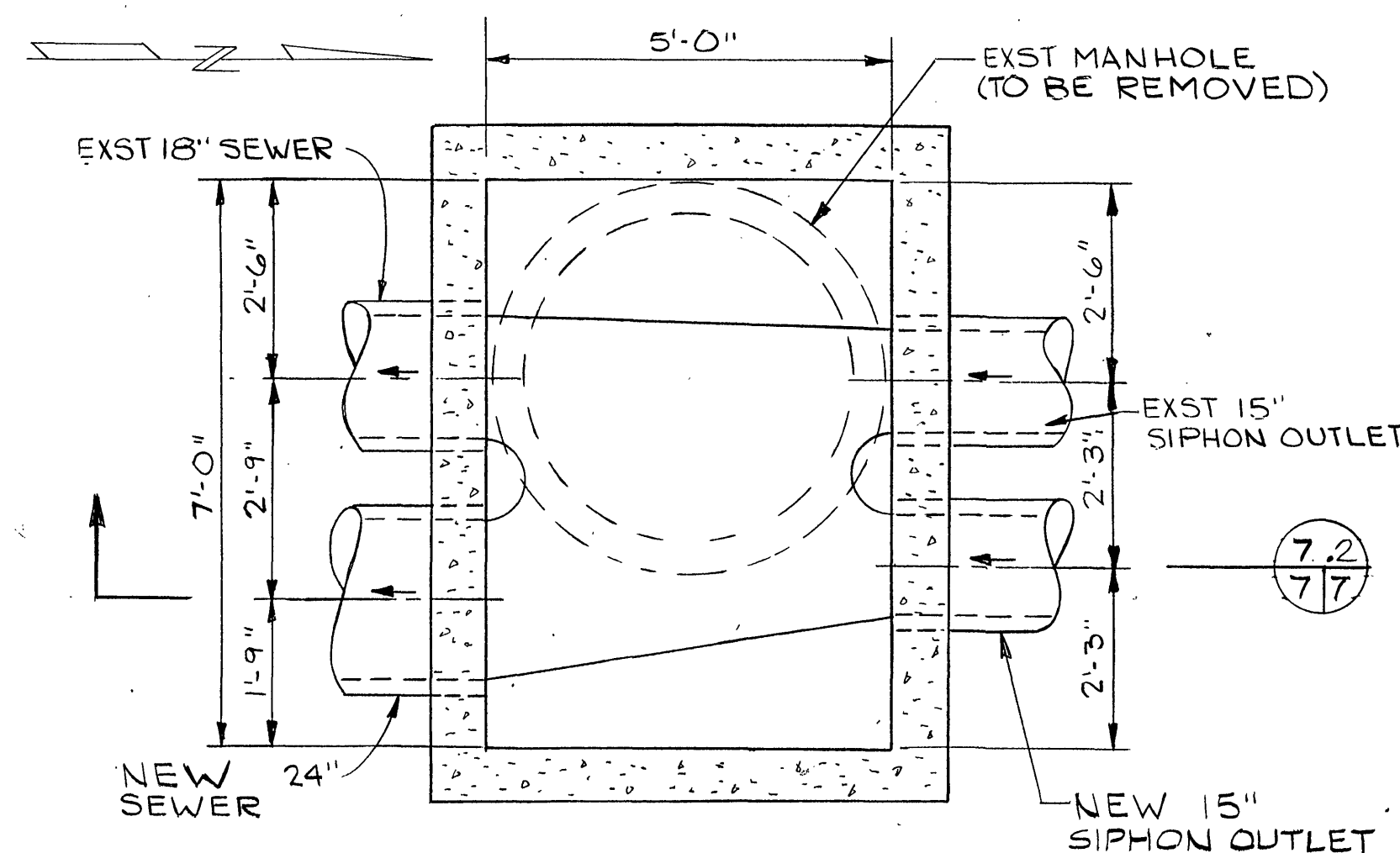


TYP CONCRETE WALL SECTION
SCALE: 3/4" = 1'-0"

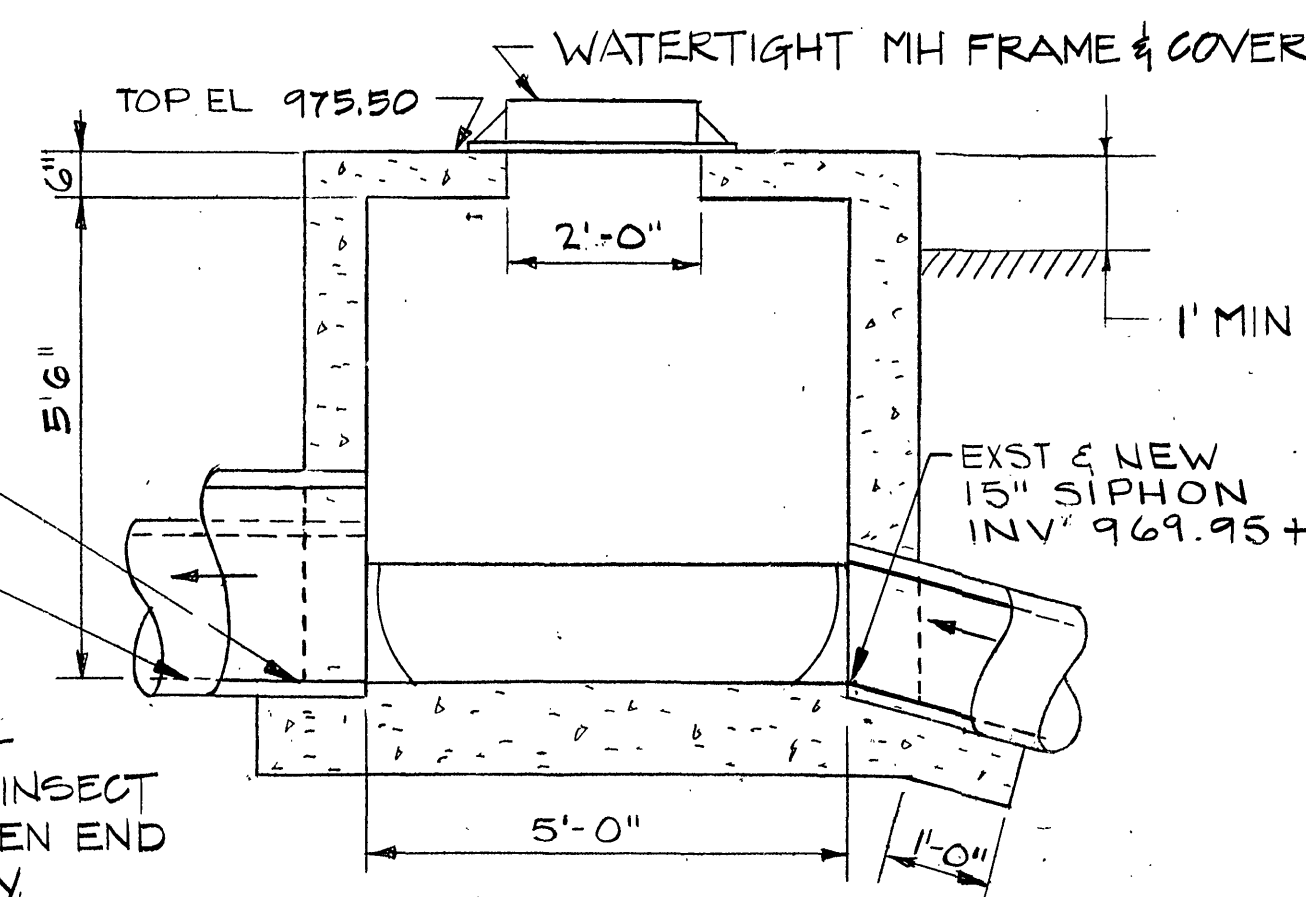
PLAN-TYPICAL CORNER DETAIL
SCALE: 3/4" = 1'-0"



REINF AT OPENING IN SLAB
SCALE: 3/4" = 1'-0"

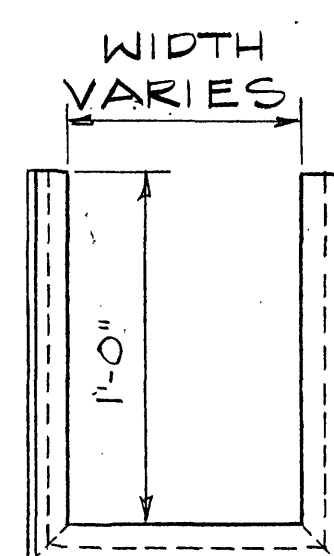


PLAN WITH TOP REMOVED

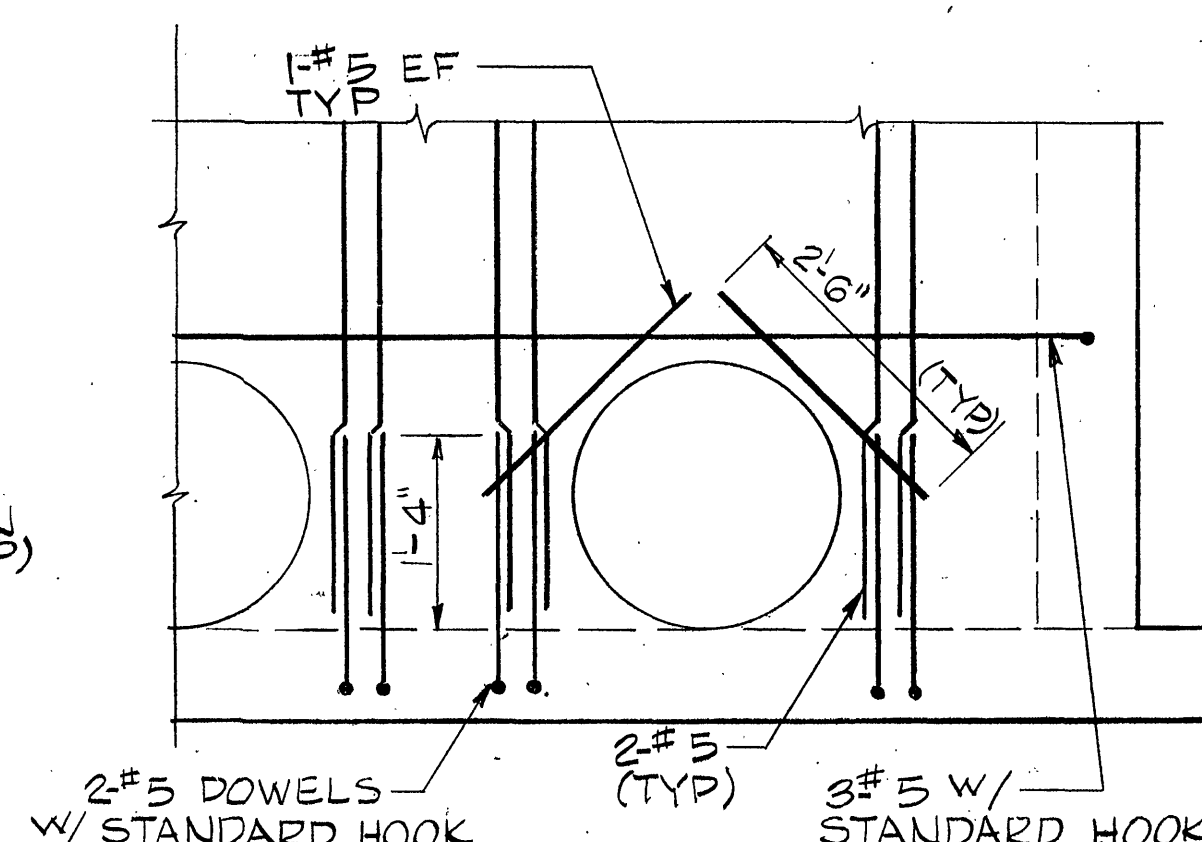


SECTION 7.2

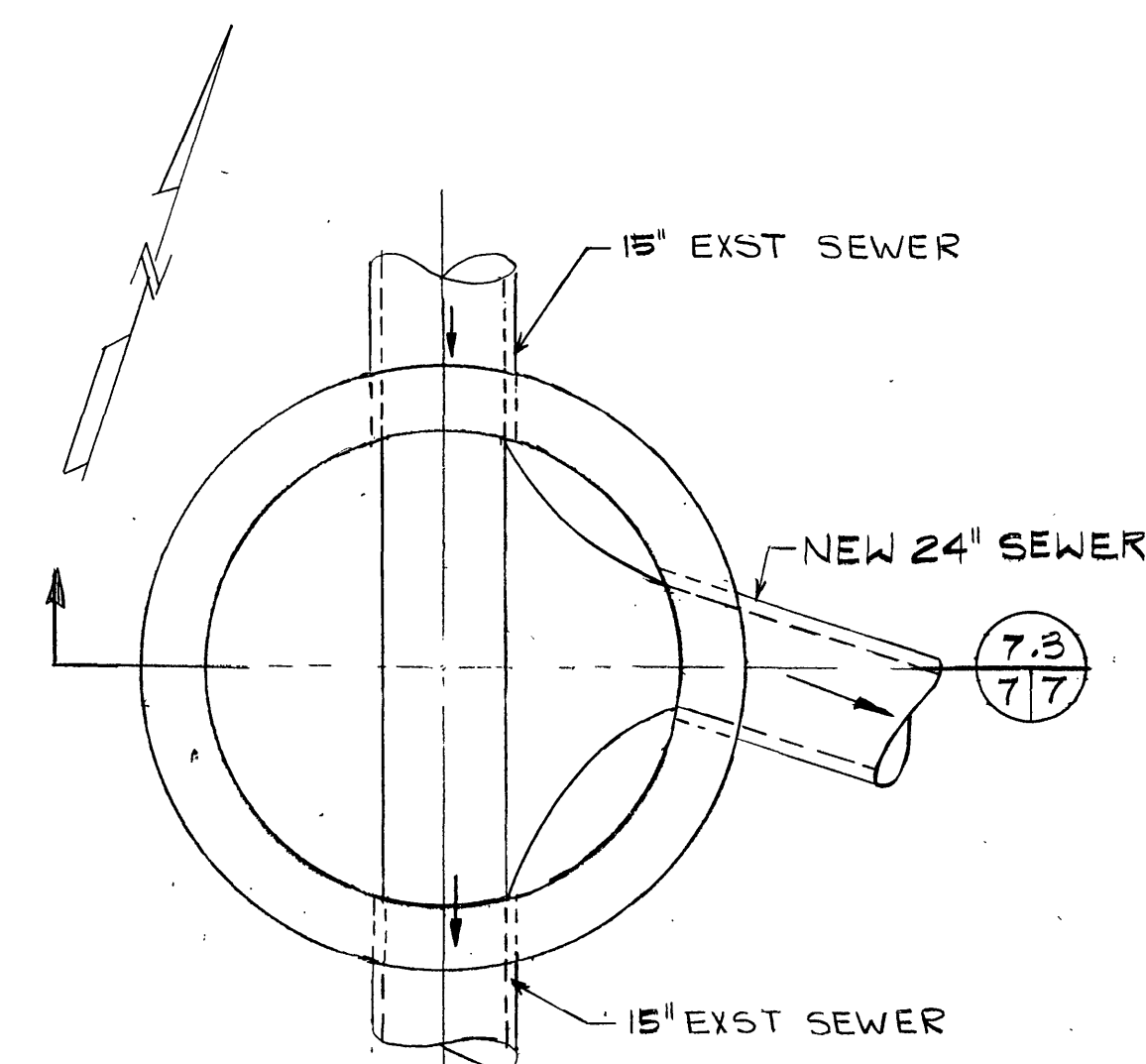
SIPHON OUTLET BOX
NO SCALE



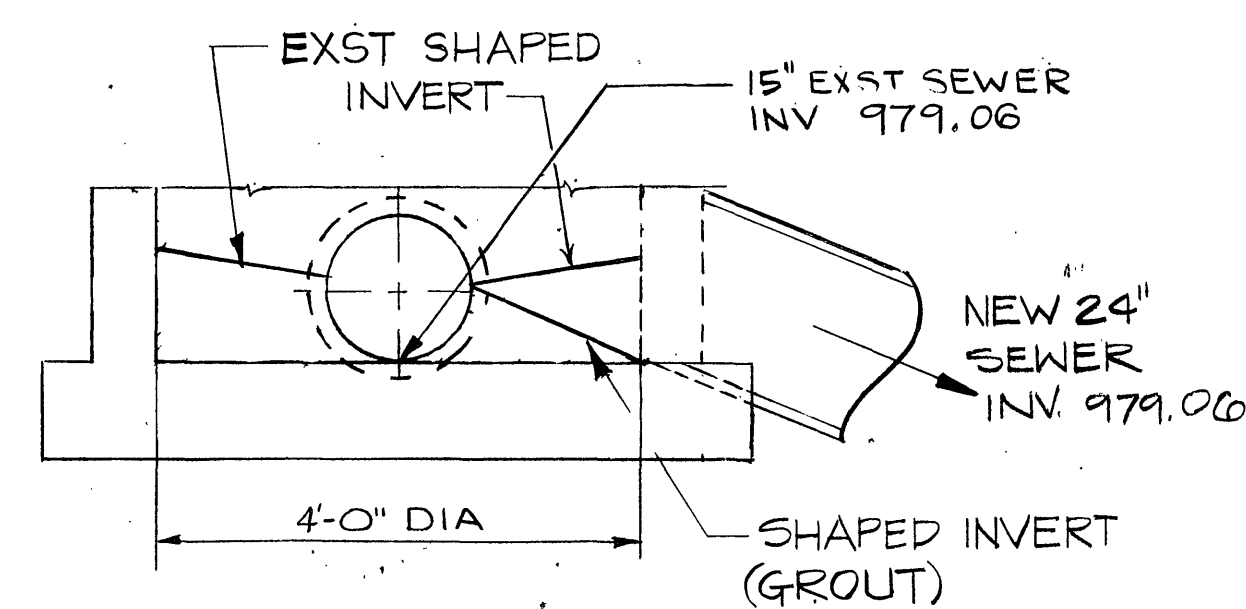
ALUMINUM GUIDE FRAME DETAILS
NO SCALE



TYPICAL REINF AT OPENINGS
IN CONCRETE WALLS
NO SCALE

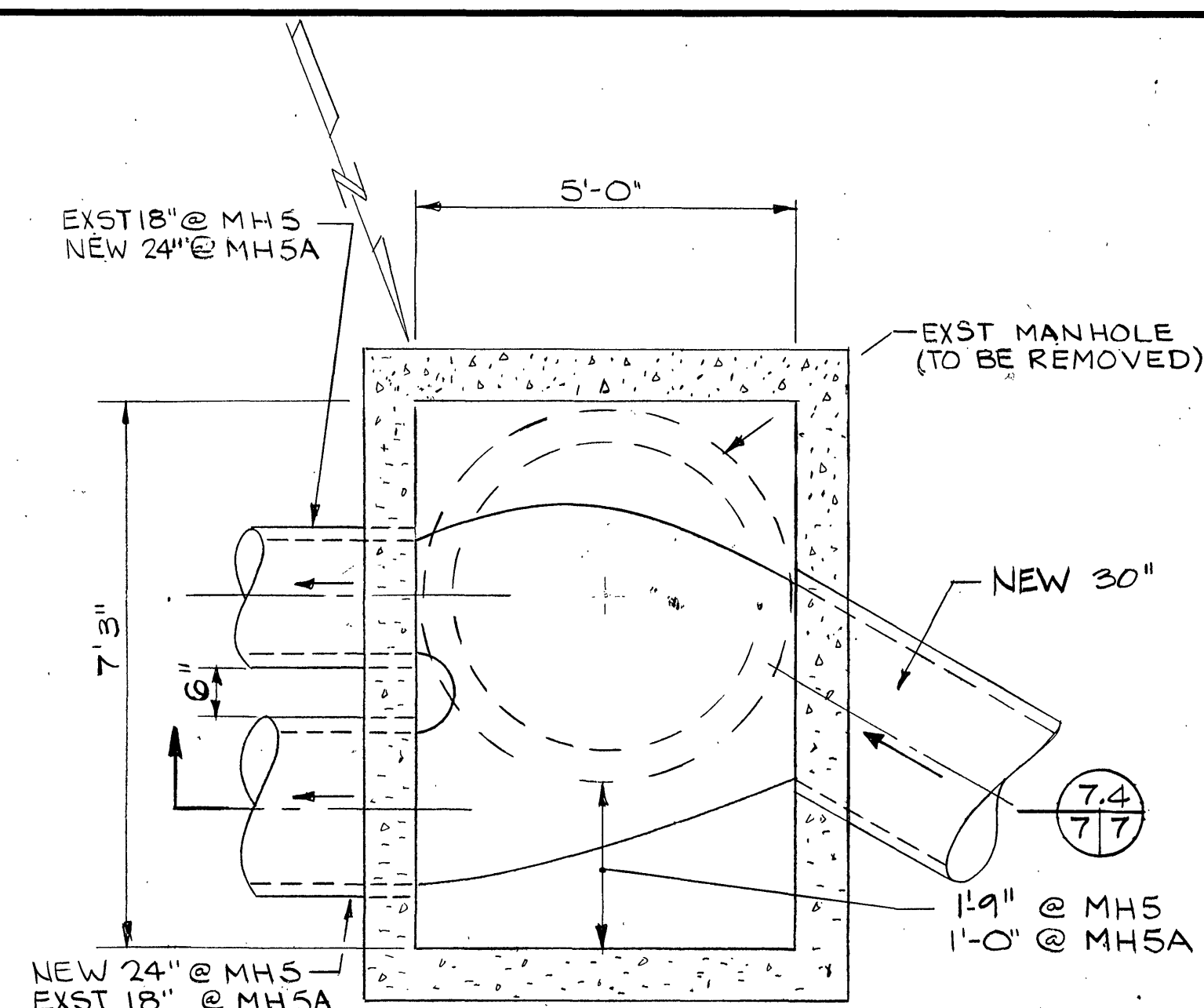


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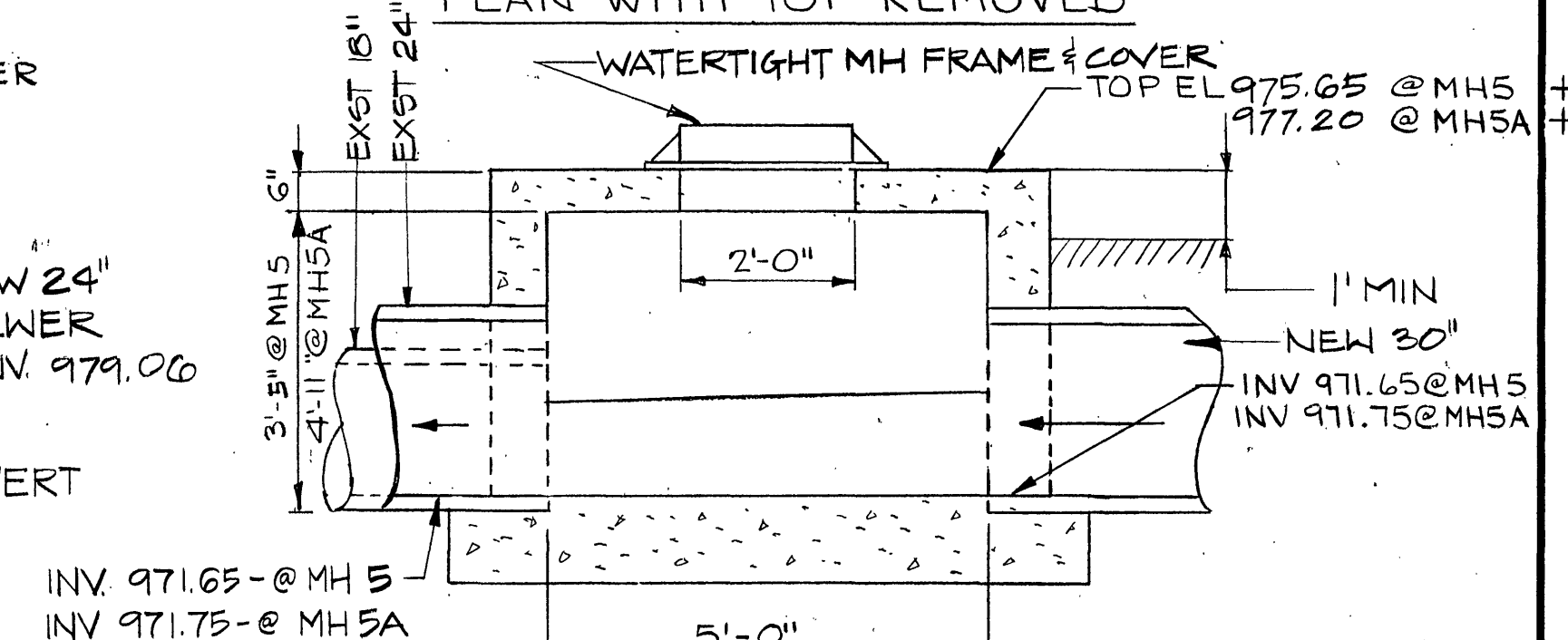


SECTION 7.3

MODIFICATION OF EXST MH 13
NO SCALE



PLAN WITH TOP REMOVED



SECTION 7.4

JUNCTION BOX MH 5 (5A SIMILAR)
NO SCALE

GENERAL NOTES

1. MATERIALS
CONCRETE CLASS $F_c = 4000$ PSI
REINFORCING BARS
ASTM A 615 GRADE 60, DEFORMED $F_y = 60$ KSI
FOUNDATION BEARING CAPACITY: 2000 PSF
2. UNIT WEIGHT OF WATER $\gamma_w = 62.5$ PCF
3. ALL REINFORCEMENT SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACT 315-80 UNLESS OTHERWISE SHOWN. MINIMUM SPLICE LENGTHS AND EMBEDMENT LENGTHS SHALL BE AS TABULATED THEREIN.
4. UNLESS OTHERWISE SHOWN, REINFORCEMENT AT WALL CORNERS AND INTERSECTIONS SHALL BE DETAILED AS SHOWN ON FIG 11 OF ACT 315-80. CORNER REINF SHALL BE DETAILED AS SHOWN FOR OUTSIDE LOADED CORNERS. INTERSECTIONS SHALL BE DETAILED WITHOUT DIAGONAL REINF. ALL LAP SPLICES SHALL BE CLASS C.
5. UNLESS OTHERWISE NOTED, PROVIDE CONCRETE PROTECTION FOR ALL REINFORCING IN ACCORDANCE WITH PARAGRAPH 7.7 OF BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACT 315-83).
6. PROVIDE DOWELS TO MATCH REINFORCEMENT IN ALL FOOTINGS, WALLS AND SLABS.
7. SPREAD REINFORCEMENT AT OPENINGS AND SLEEVES UNLESS OTHERWISE SHOWN. DO NOT CUT REINFORCEMENT.
8. MH5A SIMILAR TO MH5 EXCEPT MH WALL IS PERPENDICULAR TO THE 20" SEWER.

REVISION	DATE	DESCRIPTION	BY	APP
DESIGNED	SSJ/BE	MASON CREEK INTERCEPTOR SEWER CITY OF SALEM, VIRGINIA		
DRAWN	JLS			
CHECKED	MLB/			
APPROVED	gap			
SUBMITTED	gaf	SIPHON AND JUNCTION BOX DETAILS		
HAYES, SEAY, MATTERN & MATTERN ARCHITECTS - ENGINEERS - PLANNERS ROANOKE, VIRGINIA		SCALE AS NOTED DATE AUG 1986	COMM. NO. 4212 B SHEET 7	

