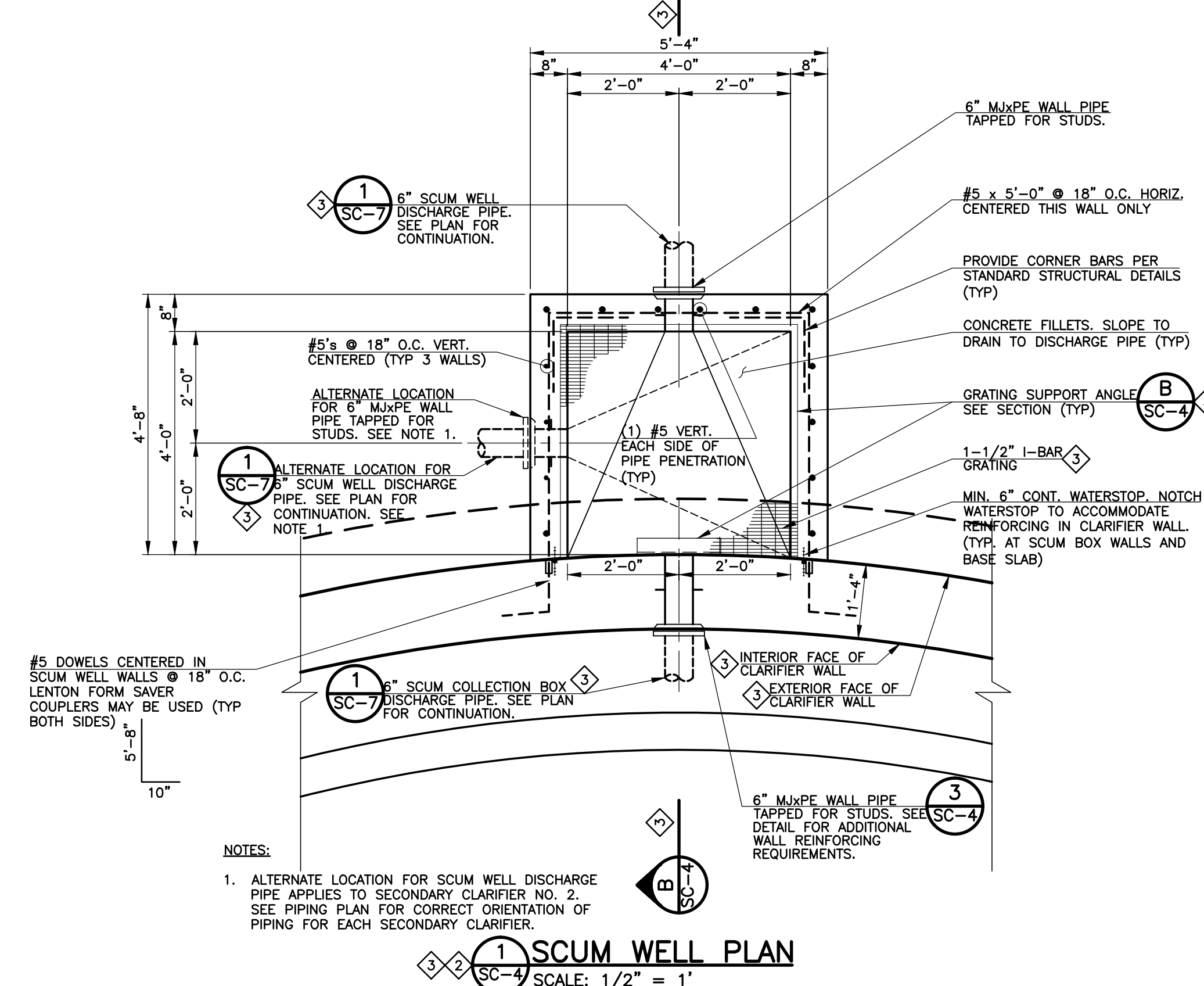


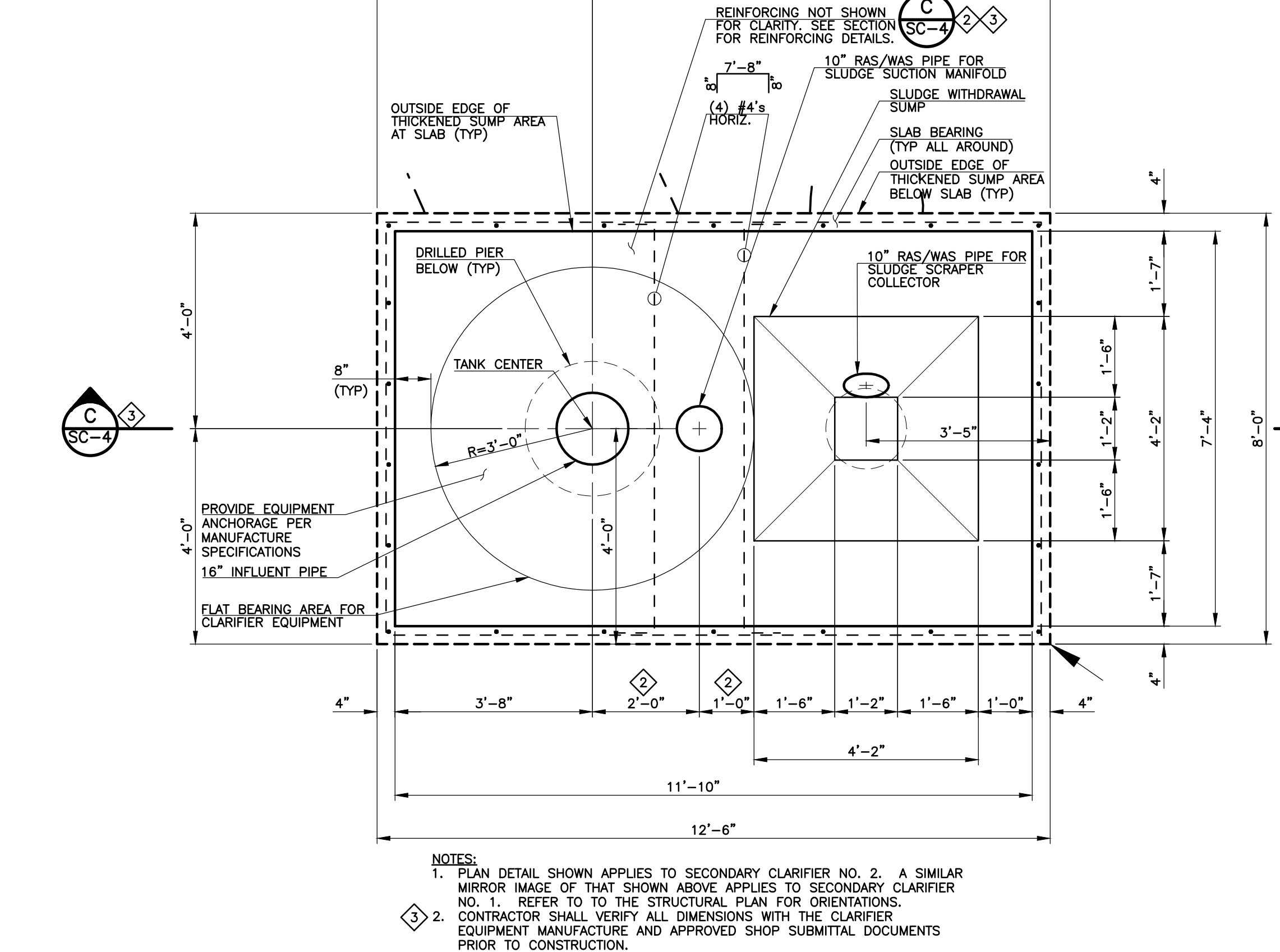
NOTE:
1. THE TOP AND BOTTOM MAT OF REINFORCING IN THE CLARIFIER TANK SLABS SHALL BE LAID IN A SQUARE GRID PATTERN. THE ONLY CIRCUMFERENTIAL BARS ARE THOSE THREE BARS INDICATED IN THE BOTTOM MAT AROUND THE PERIMETER OF THE SLAB.

SC-5 SECONDARY CLARIFIER WALL SECTION
SCALE: 1/2" = 1'



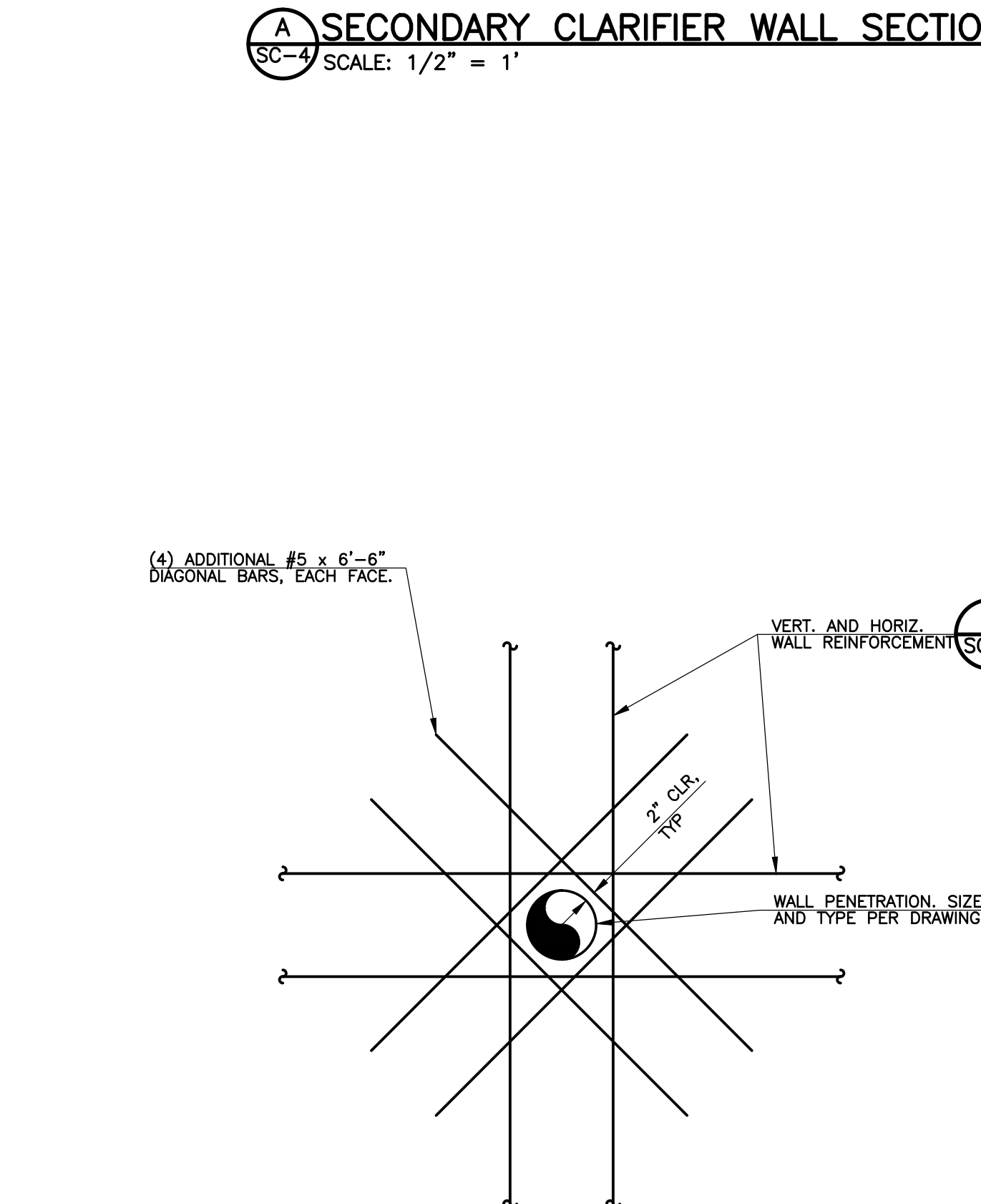
NOTES:
1. ALTERNATE LOCATION FOR SCUM WELL DISCHARGE PIPE APPLIES TO SECONDARY CLARIFIER NO. 2. SEE PIPING PLAN FOR CORRECT ORIENTATION OF PIPING FOR EACH SECONDARY CLARIFIER.

SC-7 SCUM WELL PLAN
SCALE: 1/2" = 1'



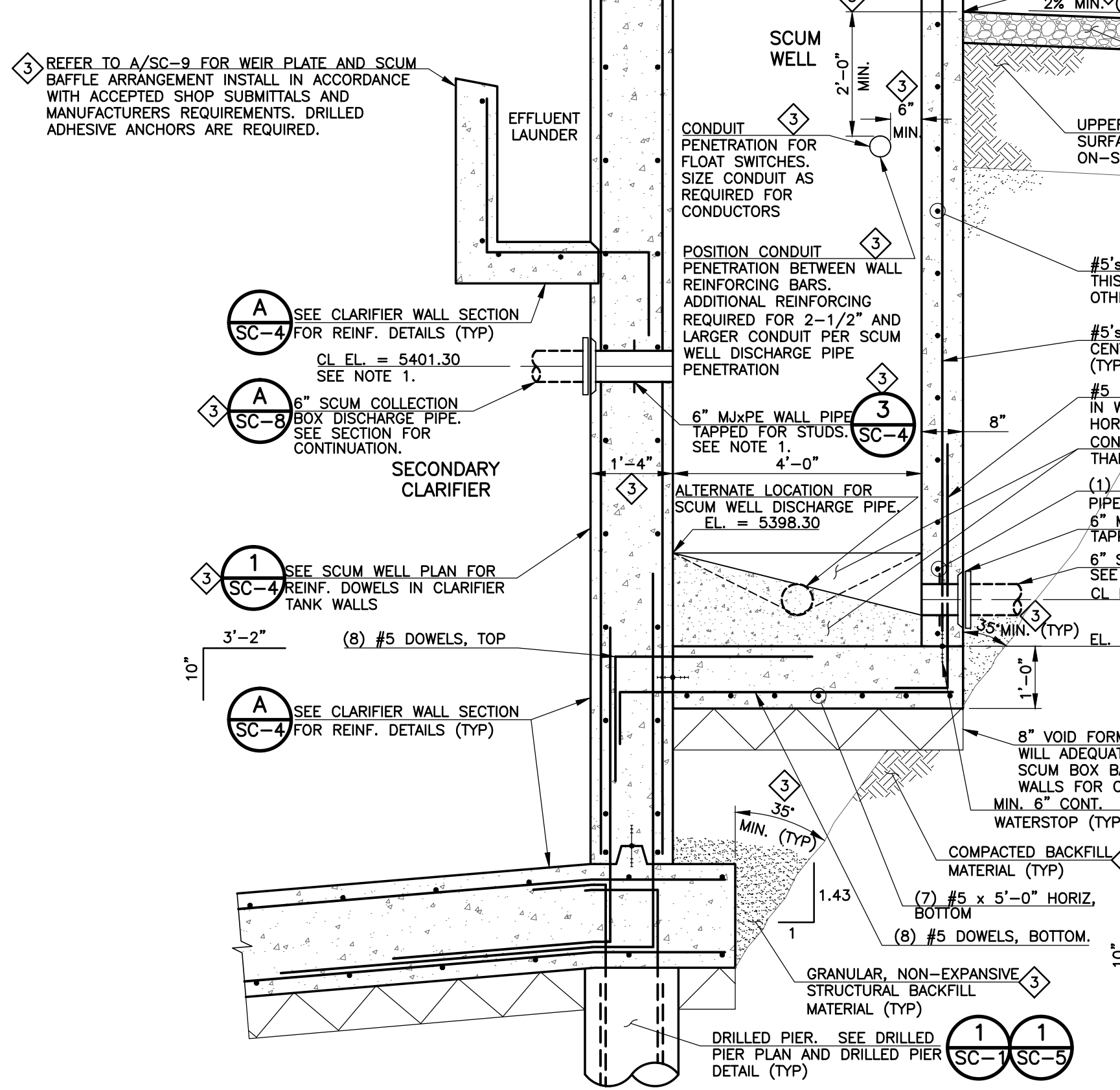
NOTES:
1. PLAN DETAIL SHOWN APPLIES TO SECONDARY CLARIFIER NO. 2. A SIMILAR MIRROR IMAGE OF THAT SHOWN ABOVE APPLIES TO SECONDARY CLARIFIER NO. 1. REFER TO THE STRUCTURAL PLAN FOR ORIENTATIONS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH THE CLARIFIER EQUIPMENT MANUFACTURE AND APPROVED SHOP SUBMITTAL DOCUMENTS PRIOR TO CONSTRUCTION.

SC-4 SECONDARY CLARIFIER THICKENED SUMP DETAIL
SCALE: 1/2" = 1'



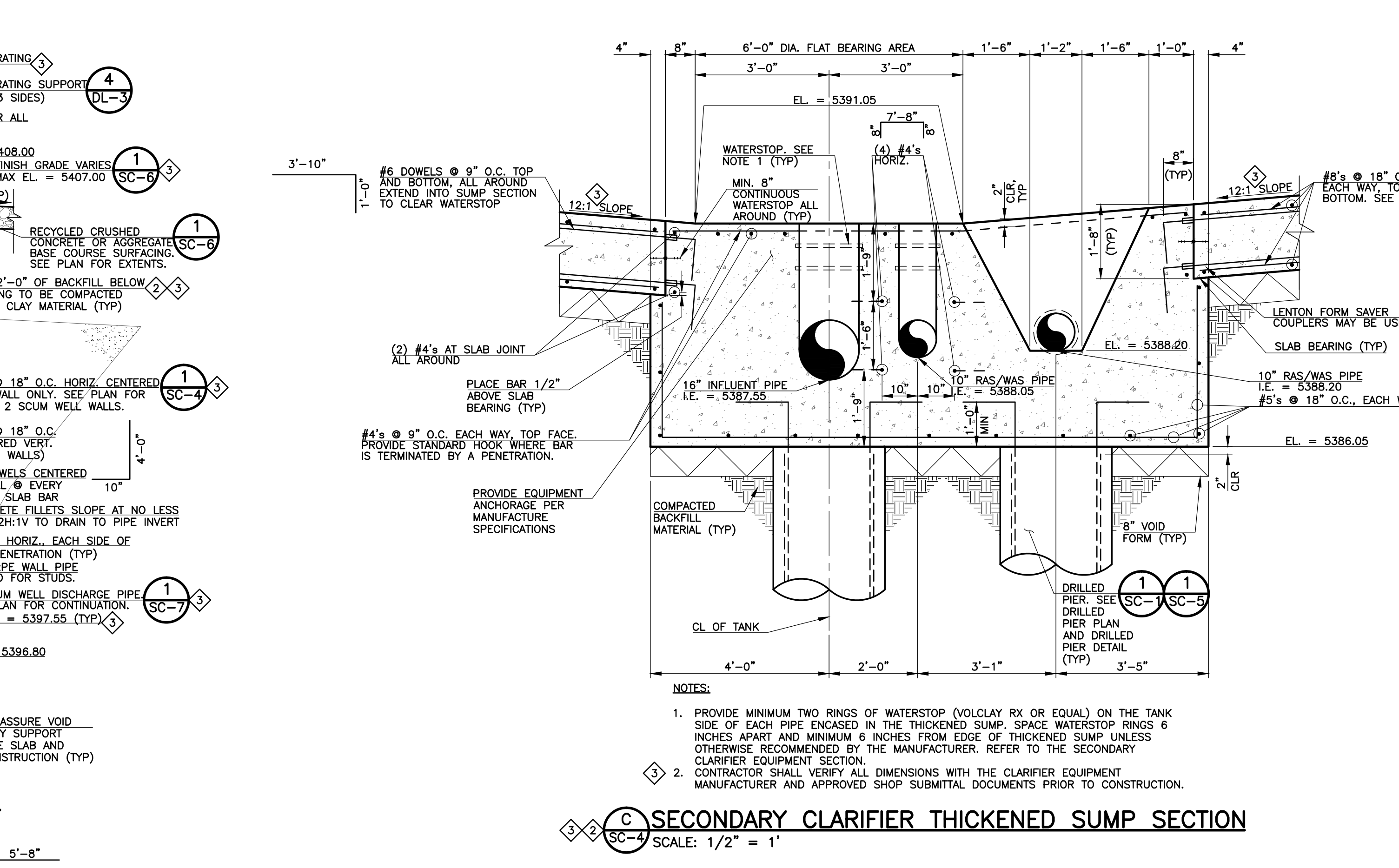
NOTE:
1. ADDITIONAL REINFORCING REQUIREMENTS SHOWN ABOVE APPLIES TO ALL PENETRATIONS IN THE SECONDARY CLARIFIER WALLS THAT ARE 1"-2" IN DIAMETER OR LESS.

SC-3 ADDITIONAL REINFORCING AT PIPE PENETRATIONS IN SECONDARY CLARIFIER WALLS
SCALE: 1/2" = 1'-0"



NOTES:
1. VERIFY PIPE ELEVATION WITH SECONDARY CLARIFIER EQUIPMENT PROVIDED.
2. SEE NOTE AT 1/SC-4 FOR WATERSTOP ACCOMMODATIONS.

SC-8 SCUM WELL SECTION
SCALE: 1/2" = 1'



NOTES:
1. PROVIDE MINIMUM TWO RINGS OF WATERSTOP (VOLCLAY RX OR EQUAL) ON THE TANK SIDE OF EACH PIPE ENCASED IN THE THICKENED SUMP. SPACE WATERSTOP RINGS 6 INCHES APART AND MINIMUM 6 INCHES FROM EDGE OF THICKENED SUMP UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER. REFER TO THE SECONDARY CLARIFIER EQUIPMENT SECTION.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH THE CLARIFIER EQUIPMENT MANUFACTURER AND APPROVED SHOP SUBMITTAL DOCUMENTS PRIOR TO CONSTRUCTION.

SC-4 SECONDARY CLARIFIER THICKENED SUMP SECTION
SCALE: 1/2" = 1'

REVISIONS		
NO.	DATE	DESCRIPTION
1	08/24/2010	ISSUED FOR EARTHWORK QUOTE
2	10/29/2010	ISSUED FOR EXCAVATION AROUND SECONDARY CLARIFIER TANKS
3	03/30/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (SECONDARY CLARIFIER COMPLEX)
4	06/10/2011	ISSUED FOR CONSTRUCTION (SECONDARY CLARIFIER COMPLEX)

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STRUCTURAL SECTIONS AND DETAILS
HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY
LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN: MAM/SKC
DESIGNED: JP
CHECKED: MG
DATE: 2010
PROJECT NO.: 20166.362
GMS FILE NO.: 2599

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SC-4
OF
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