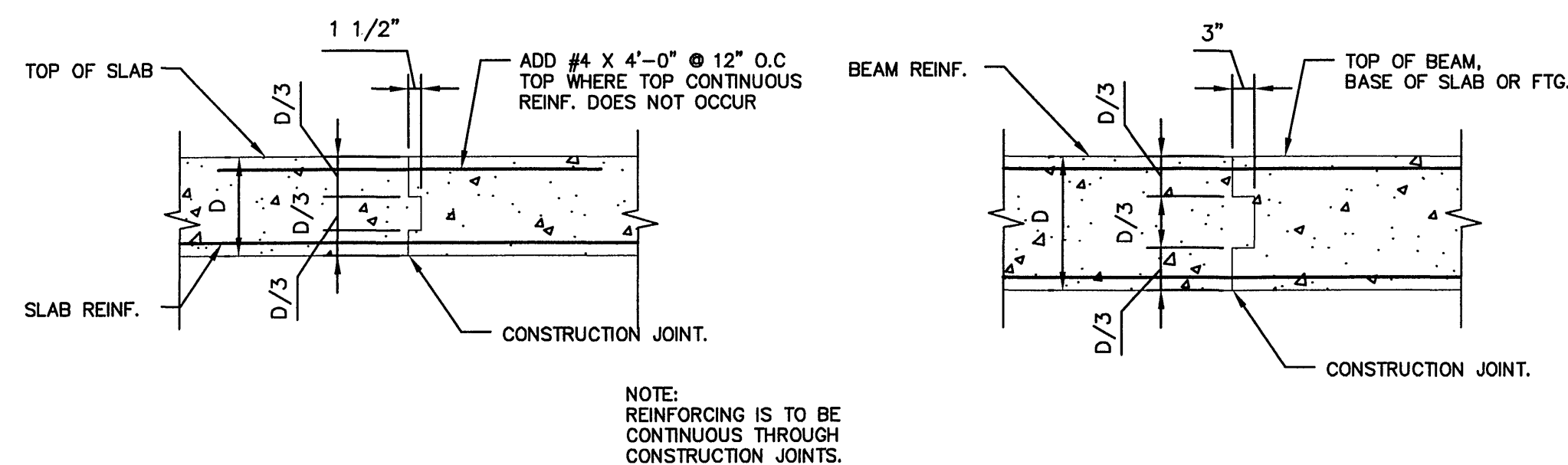


**SLAB NON-CONTINUOUS AT SUPPORT**

**SLAB CONTINUOUS AT SUPPORT**

**TYPICAL DETAIL FOR CONCRETE ONE-WAY SLAB**

SCALE: N.T.S.



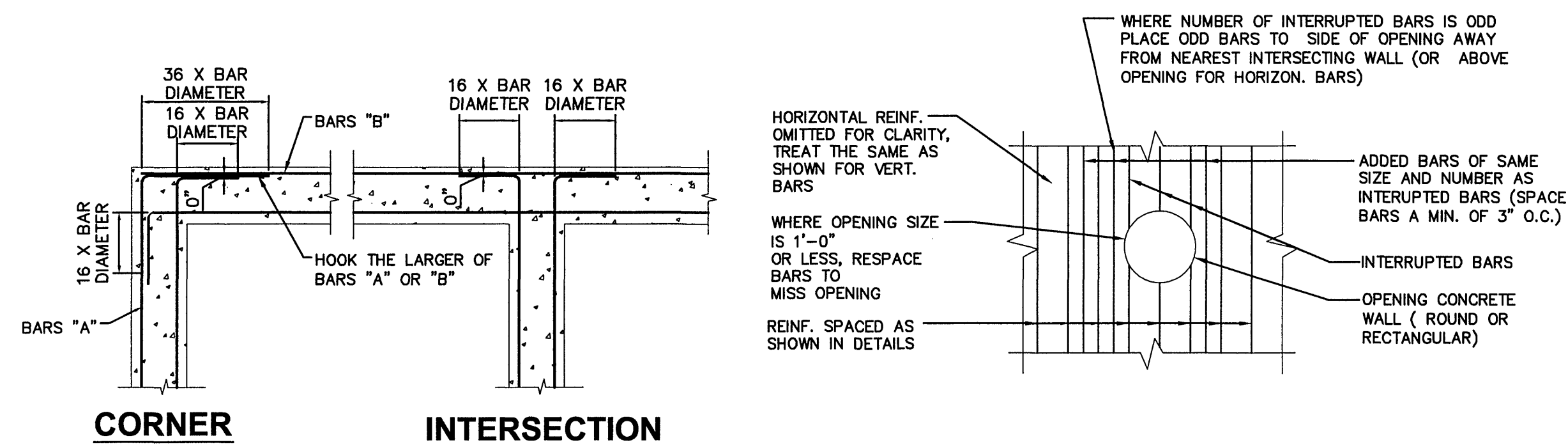
**ELEVATED SLAB**

**BASE SLAB, FOOTING**

**WALL**

**TYPICAL VERTICAL CONSTRUCTION JOINT DETAILS**

SCALE: N.T.S.



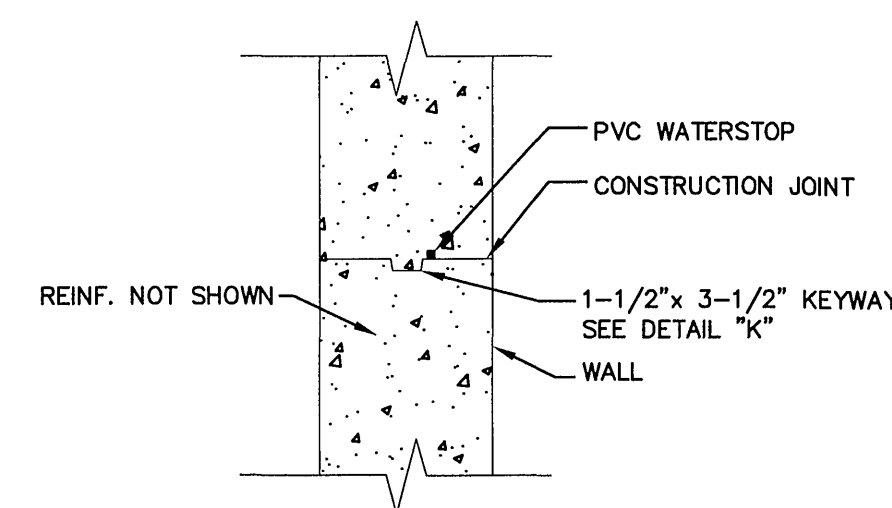
**TYPICAL DETAILS SHOWING CONTINUOUS REINFORCING AT CONERS & INTERSECTIONS**

NO SCALE

**TYPICAL DETAIL SHOWING REINFORCING AT OPENINGS IN CONCRETE WALLS (OPNG > 1'-6")**

NO SCALE

CONCRETE TANK WALL SCHEDULE																
STRUCTURE	SECTION	W	F	t	d <sub>o</sub>	d <sub>i</sub>	D <sub>o</sub>	V <sub>o</sub>	H <sub>o</sub>	D <sub>i</sub>	V <sub>i</sub>	H <sub>i</sub>	CL <sub>o</sub>	CL <sub>i</sub>	B	G
PUMP STATION	3	12"	12"	1'-6"	4'-0"	4'-0"	#5 @ 6"	#5 @ 6"	#5 @ 12"	#5 @ 12"	#5 @ 12"	#5 @ 12"	1 1/2"	2"	#5 @ 12"	#5 @ 12"
REMARKS: SEE NOTE #1, SEE NOTE #6																



NOTES:

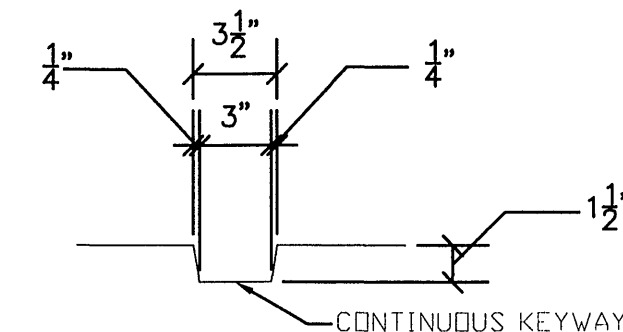
1. PROVIDE PVC WATERSTOPS WHERE LIQUIDS ARE CONTAINED.
2. SPLICES IN WATERSTOPS SHALL BE MADE BY BUTTING ENDS OF PIECES TOGETHER. DO NOT OVERLAP PIECES.
3. HORIZONTAL CONSTRUCTION JOINT GRAPHICALLY SHOWN. VERTICAL CONSTRUCTION JOINT SIMILAR.

**TYPICAL WATERSTOP DETAIL**

NO SCALE

ONE-WAY CONCRETE SLAB SCHEDULE			
TYPE	SLAB THICKNESS	MAIN REINF. BOTTOM	REMARKS
CS-1	6"	#4 @ 12" O.C.	
CS-2	8"	#4 @ 10" O.C.	
CS-3	8"	#4 @ 8" O.C.	
CS-4	8"	#5 @ 10" O.C.	
CS-5	6"	#4 @ 12" O.C.	
CS-6	5"	#5 @ 8" O.C.	
CS-7	10"	#5 @ 6" O.C.	

SLAB NOTE:  
UNLESS OTHERWISE NOTED THE FOLLOWING TEMPERATURE REINFORCING SHALL BE PLACED AT RIGHT ANGLES TO MAIN BOTTOM REINFORCING IN ONE-WAY REINFORCED CONCRETE SLABS.  
SLAB THICKNESS  
UP TO 5"-----#3 @ 10" O.C.  
5 1/2" TO 8"-----#4 @ 12" O.C.  
8" TO 12"-----#5 @ 12" O.C.

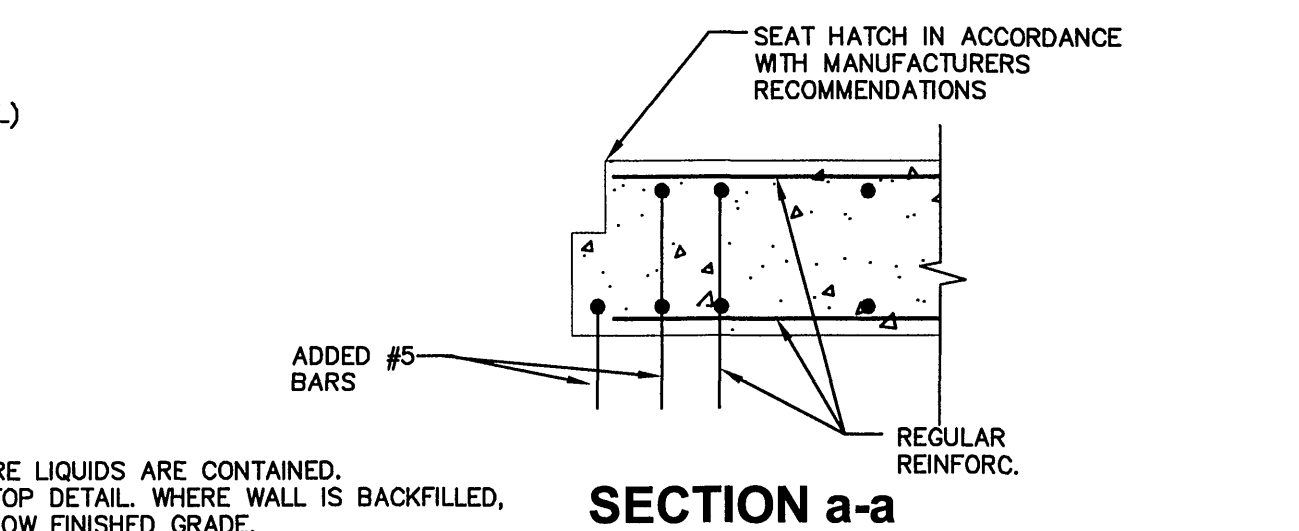


**DETAIL 'K'**

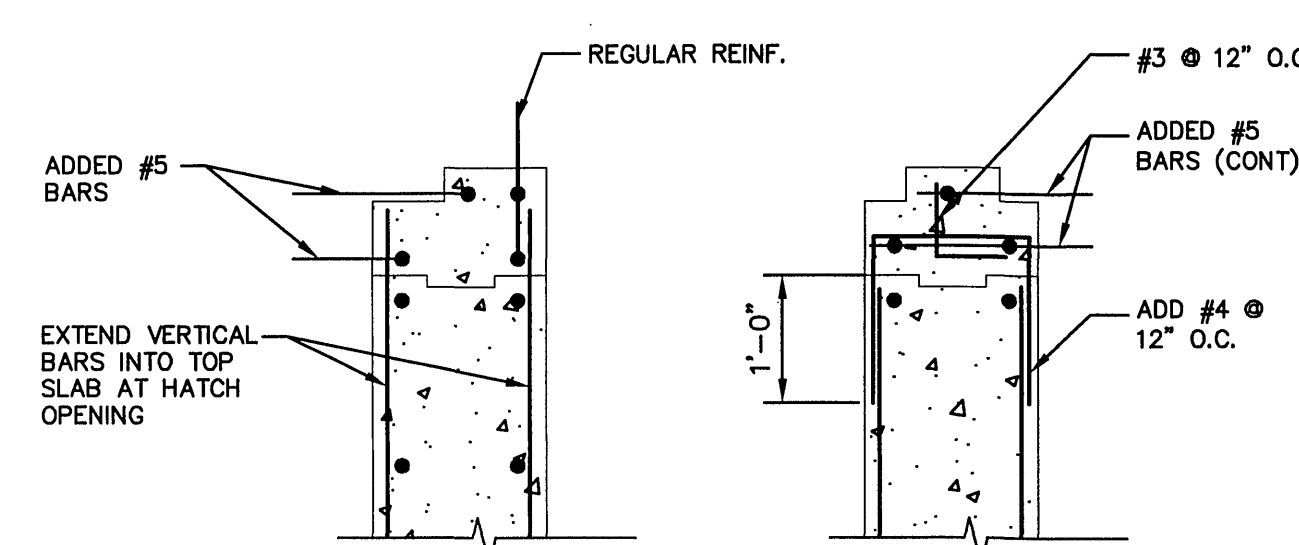
N.T.S.

TANK WALL SCHEDULE NOTES:

1. BAR SPACING GIVEN IN THE SCHEDULE INDICATES CENTER TO CENTER SPACING IN INCHES.
2. ALL BASE SLAB AND HORIZONTAL WALL REINFORCING TO BE CONTINUOUS. BARS 40 FEET OR LESS IN LENGTH SHALL NOT BE SPLICED. SPLICES, WHERE REQUIRED, SHALL BE ALTERNATED.
3. CONCRETE WALLS SHALL NOT BE BACKFILLED UNTIL THE CONCRETE IN THE BASE SLAB, WALL, TOP SLAB (WHERE PRESENT) AND COMPRESSIVE SUPPORT ELEMENTS (WHERE PRESENT) HAS ATTAINED A MIN. STRENGTH OF 95% F<sub>c</sub>.
4. "CL<sub>o</sub>" AND "CL<sub>i</sub>" IN SCHEDULE DENOTES CLEAR DISTANCE FROM FACE OF WALL INDICATED TO REINFORCING STEEL.
5. A 1'-0" THICK BED OF POROUS FILL (#57 STONE) SHALL BE PROVIDED BENEATH ALL BASE SLABS.
6. SEE THIS SHEET FOR ONE-WAY SLAB SCHEDULE AND DETAILS.
7. SEE THIS SHEET FOR TYPICAL DETAILS.



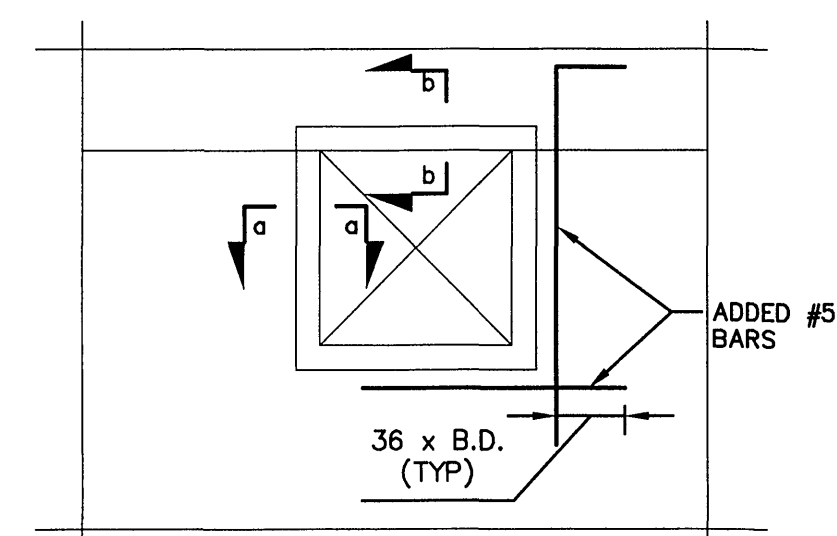
**SECTION a-a**



**SINGLE HATCH**

**DOUBLE HATCH**

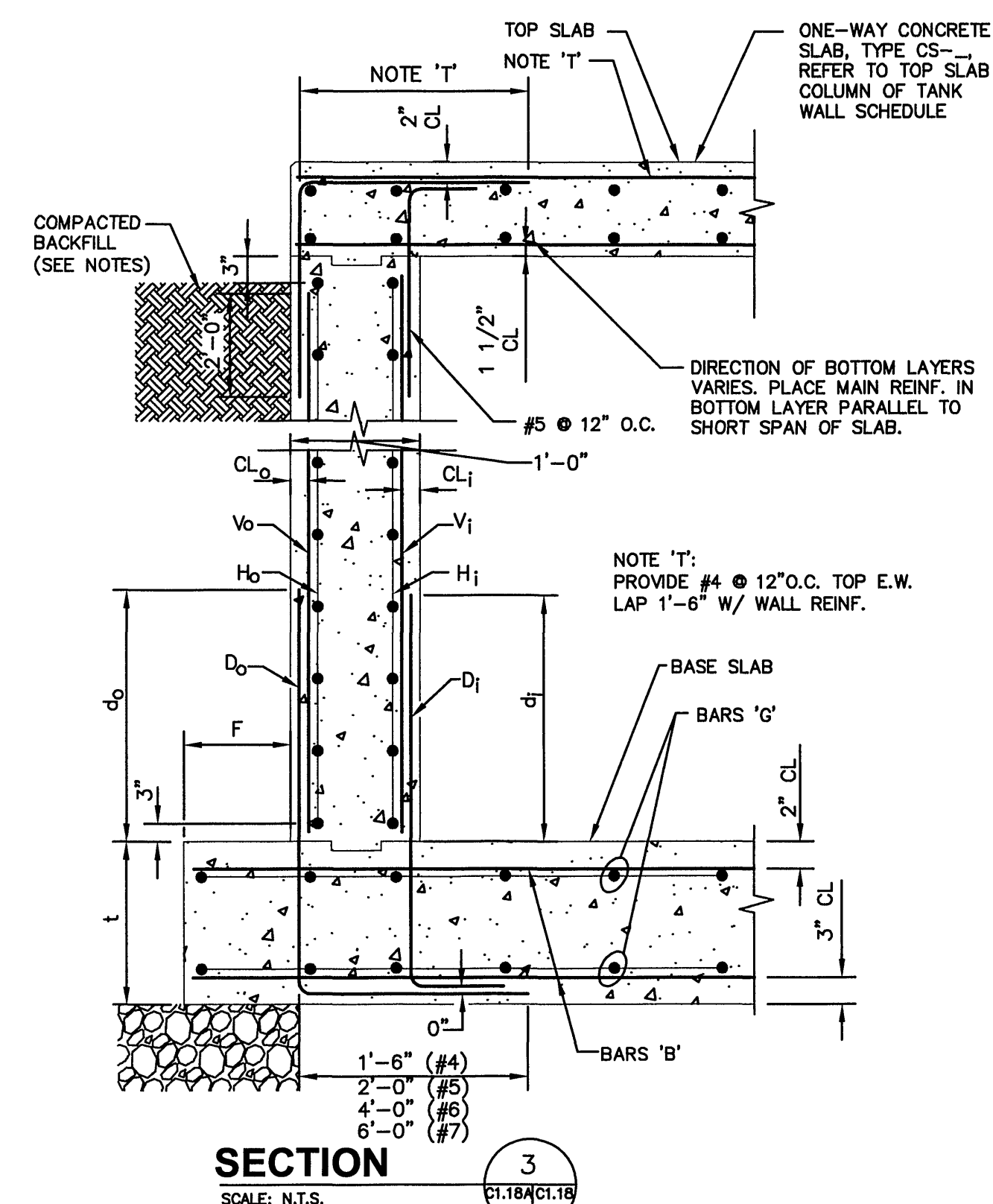
**SECTION b-b**



**PLAN**

**TYPICAL DETAILS FOR HATCH OPENING IN TOP SLAB**

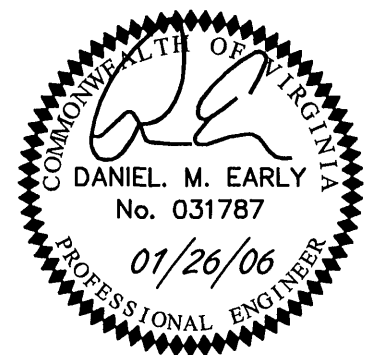
NO SCALE



**SECTION**

SCALE: N.T.S.

3  
C1.18A/C1.18



**ACS DESIGN**

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**LAKEWATCH PLANTATION  
COMMUNITY SEWER SYSTEM  
PHASE 1  
FRANKLIN COUNTY, VIRGINIA**

DRAWN BY: AH

DESIGNED BY: DME

CHECKED BY: DME

DATE: JAN. 26, 2006

SCALE: AS NOTED

REVISIONS

NO.	DATE	REVISION	COMMENT

SHEET No.

**C1.18A**

EFFLUENT STORAGE  
TANK DETAILS  
JOB No. 05076