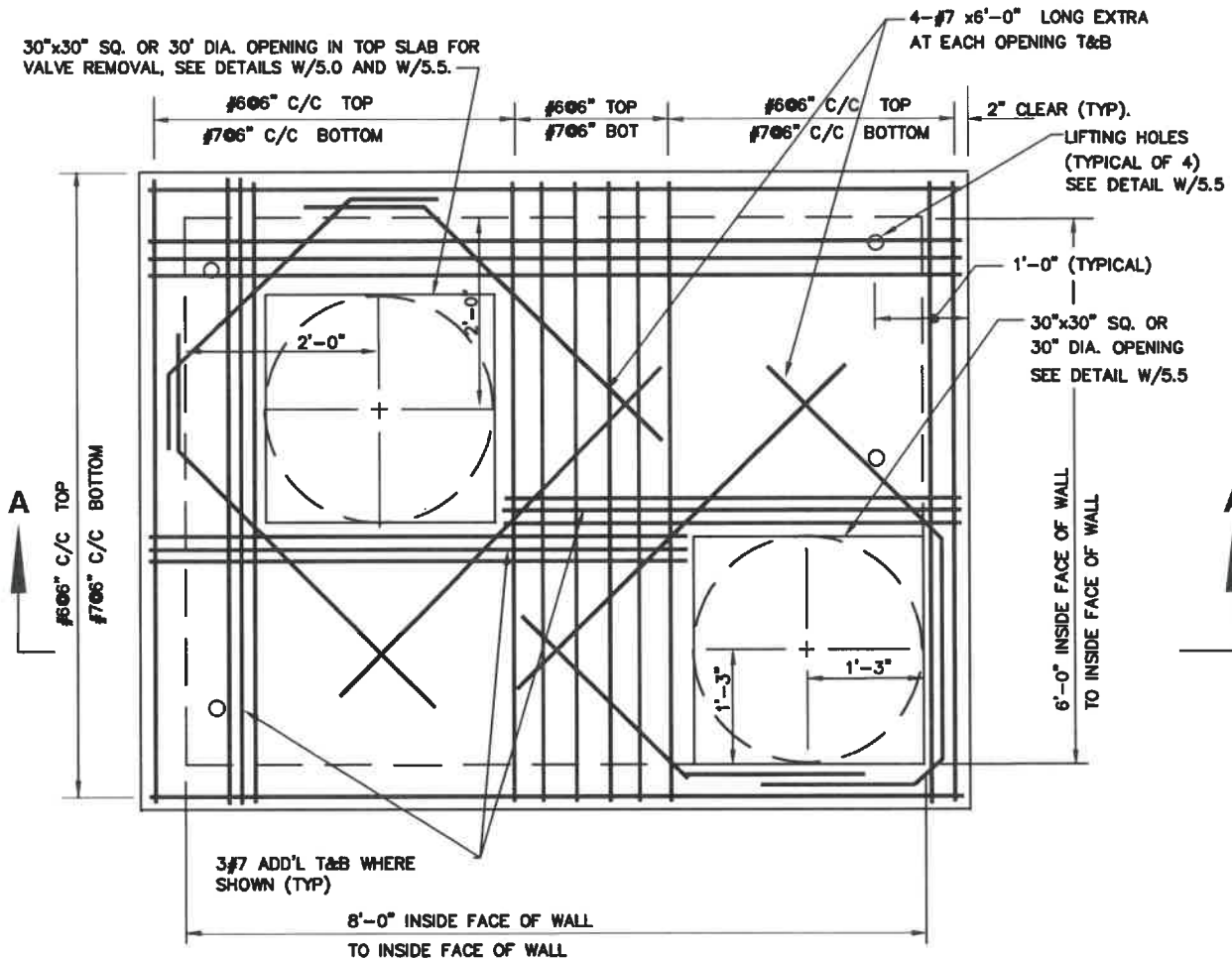
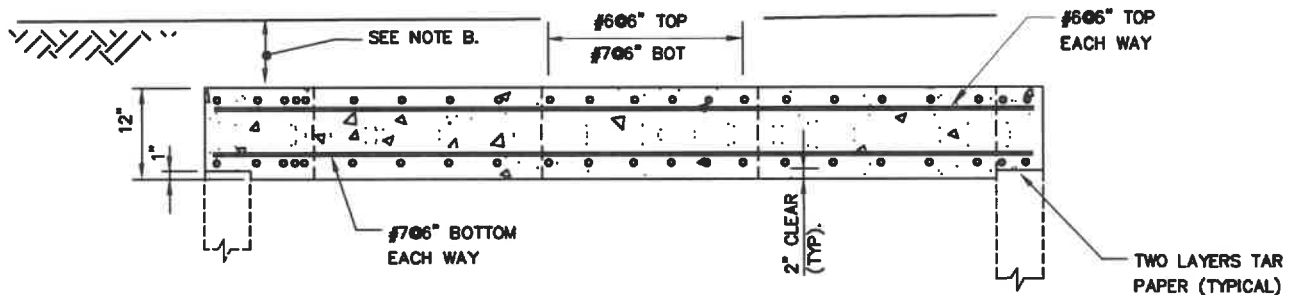


30"x30" SQ. OR 30' DIA. OPENING IN TOP SLAB FOR VALVE REMOVAL, SEE DETAILS W/5.0 AND W/5.5.



PLAN



SECTION A-A

CAST IN PLACE CONCRETE TOP SLAB NOTES:

1. $f'_c = 4000$ PSI. @ 28 DAYS
2. $f_y = 60,000$ PSI.
3. TOP SLABS ARE DESIGNED FOR THE FOLLOWING CONDITIONS:
 - a). H20LL + 0% IMPACT+ 3.5' MAXIMUM EARTH COVER
 - b). H20LL + 30% IMPACT+ 1' EARTH COVER
4. CONTRACTOR MAY USE PRECAST TOP SLABS, SEE SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS.

NOTE:

- A. FOR DETAILS OF FM METERS SEE DETAILS W/5.0, W/5.0b, DETECTOR CHECK VALVE SEE W/12.0 AND ULTRASONIC METER SEE W/14.0.
- B. 2'-6" MAXIMUM COVER OVER TOP SLAB, FOR MINIMUM COVER, SEE DETAIL W/5.5

WASHINGTON
SUBURBAN
SANITARY
COMMISSION

APPROVED: 7-26-21
M. H. Harmon
Chief Engineer

STANDARD DETAIL
CAST IN PLACE CONCRETE
TOP SLAB FOR FM METER
COMPOUND, ULTRASONIC METER
AND DETECTOR CHECK VAULTS

W
5.24