1 1/2"ø POST-(SCHED. 40)

<u>PLAN</u>

5"x5"x1/4"

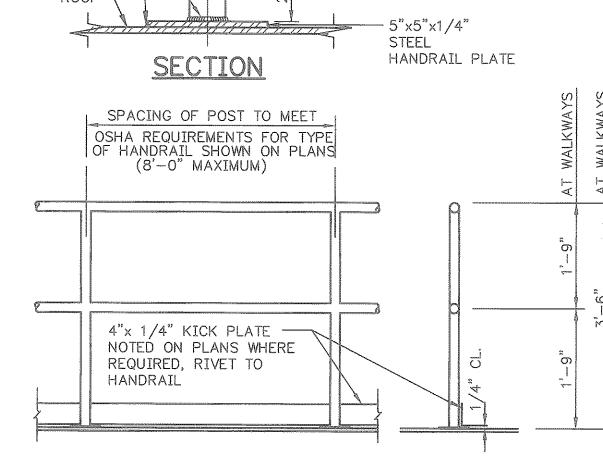
STEEL HANDRAIL PLATE --

1. HEIGHT AND SPACING OF POSTS TO MEET OSHA REQUIREMENTS (8'-0" MAX.)

CONFORM TO REQUIREMENTS OF

2. HANDRAIL, AND STEEL PLATE SHALL SPECIFICATION SECTION 05520.

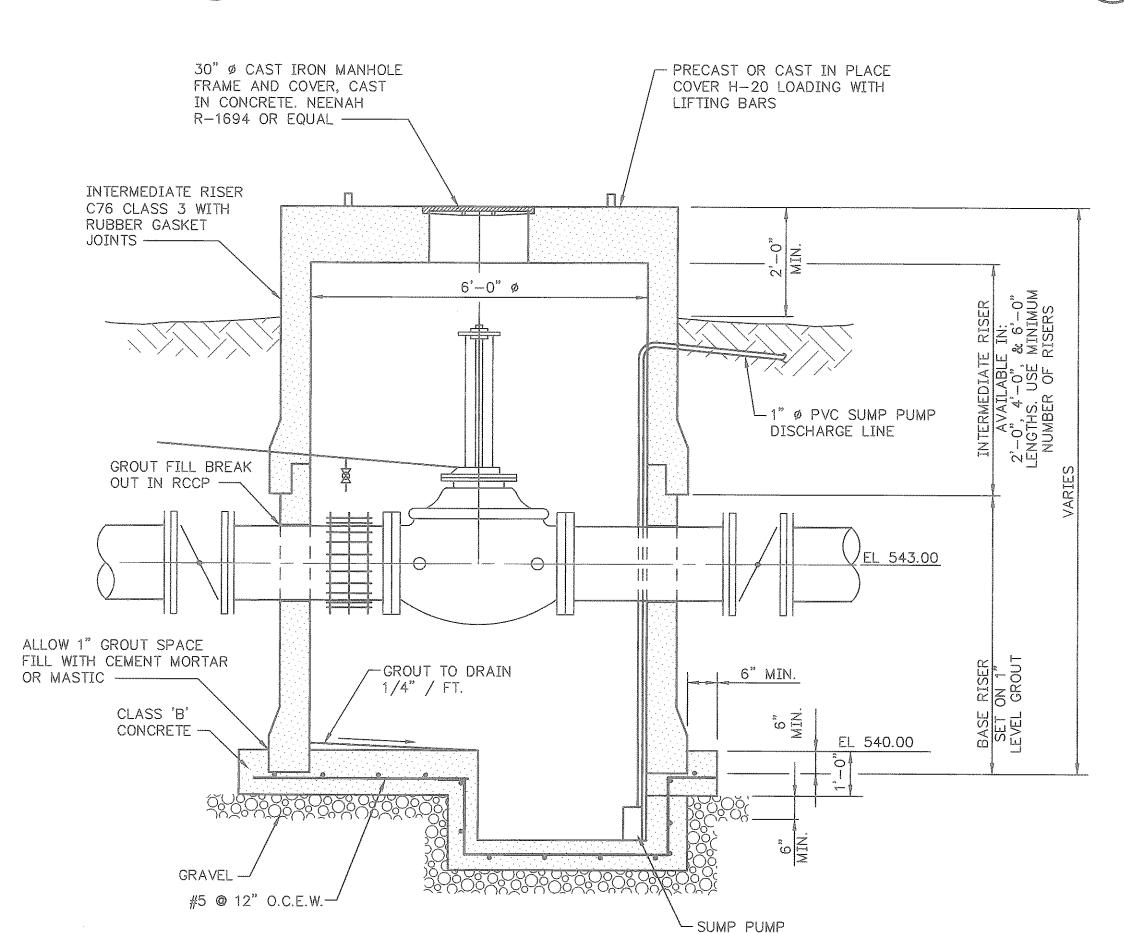
1 1/2" POST (SCHED. 40) FILL SPACE BETWEEN POST AND SLEEVE WITH NON-SHRINK 3/16" GROUT OR WELD STEEL TANK ROOF -- 5"x5"x1/4" STEEL HANDRAIL PLATE SPACING OF POST TO MEET



NOTE: SEE PLANS FOR HANDRAIL LOCATIONS

HANDRAIL DETAIL SCALE: N.T.S.

BURIED VALVE AND VALVE BOX SCALE: N.T.S.



STANDARD PRECAST MANHOLE

THRUST BLOCK

<u>NOTES</u>

- 1. SEE SPECIFICATIONS FOR INFORMATION ON FLOW METER.
- 2. PROVIDE CONCRETE CRADLE FOR PIPE, ON EITHER SIDE OF THE MANHOLE.
- 3. SUMP PUMP SHALL BE 1/2" HP, 50 GPM @ 25 FT TDH, 120 V, 1ø, AUTOMATIC OPERATION WITH FLOAT SWITCHES. FLOAT SWITCHES SHALL BE PLACED AT 6" AND 12" OFF THE FLOOR OF MANHOLE. SUMP PUMP & SWITCHES SHALL PLUG INTO A RECEPTACLE.

NOTES FOR CAST IN PLACE MANHOLES

- 1. MINIMUM REINFORCEMENT REQUIRED SHALL BE EQUIVALENT TO STEEL USED IN R.C.P. C-76 CLASS III.
- 2. CONCRETE TO BE USED IN CONTINUOUS POUR, MECHANICALLY VIBRATED EVERY 18" DEPTH (MAX.) AND ALLOWED TO CURE FOR A MINIMUM OF 3 DAYS. THERE SHALL BE NO EVIDENCE OF HONEYCOMB INSIDE OR OUTSIDE.

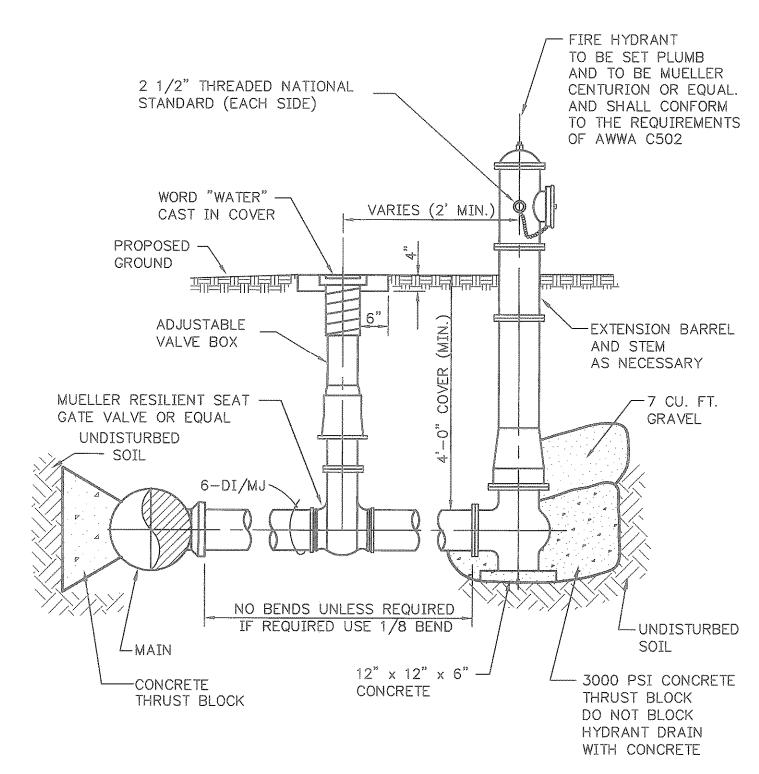
5'-0" (TYP.) (TYP.) BUILDING 1/2" EXPANSION -1/4" WEAKENED JÓINT MATERIAL JÓINTS @ 5' (TYP.) (TYP.)

PLAN

1/2" EXPANSION JOINT MATERIAL @ LOCATIONS -ADJACENT TO STRUCTURE 1/2" EXPANSION JOINT MATERIAL @ LOCATIONS ADJACENT TO CURB BUILDING 1/4" PER FT #4 @ 24" E.W. 2" SAND (TYP. ALL SIDEWALKS) ASTM C33 - 4" PORTLAND CEMENT CONCRETE SIDEWALK IF INDICATED ON PLANS. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND A MINIMUM CEMENT CONTENT OF 5 SACKS PER CU. YD.

SECTION A-A

TYPICAL SIDEWALK DETAIL



FIRE HYDRANT SCALE: N.T.S.

THESE DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION WAS VERIFIED BY THE CONTRACTOR.

SHEET

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DRAWING 3Y, P.E. #51735 & YERBY, INC.

RECORD
PHILIP S. YERE
CHIANG, PATEL

ROCK WALL

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