

SECTION 5-A VALVES

CITY OF SACHSE, TEXAS
DEPARTMENT OF ENGINEERING

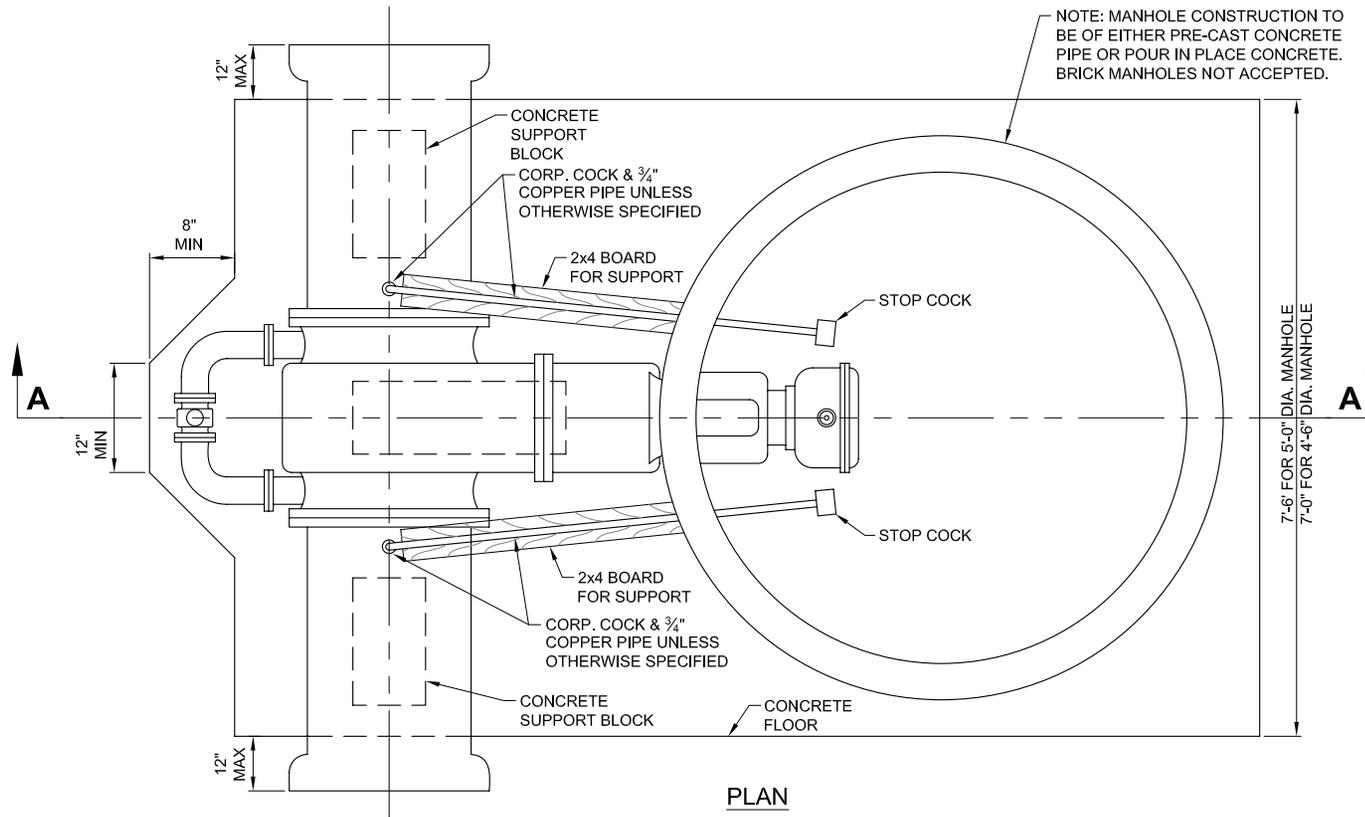
STANDARD CONSTRUCTION DETAILS
WATER DETAILS

VALVES

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HORIZONTAL VALVE INSTALLATION

CITY OF SACHSE, TEXAS
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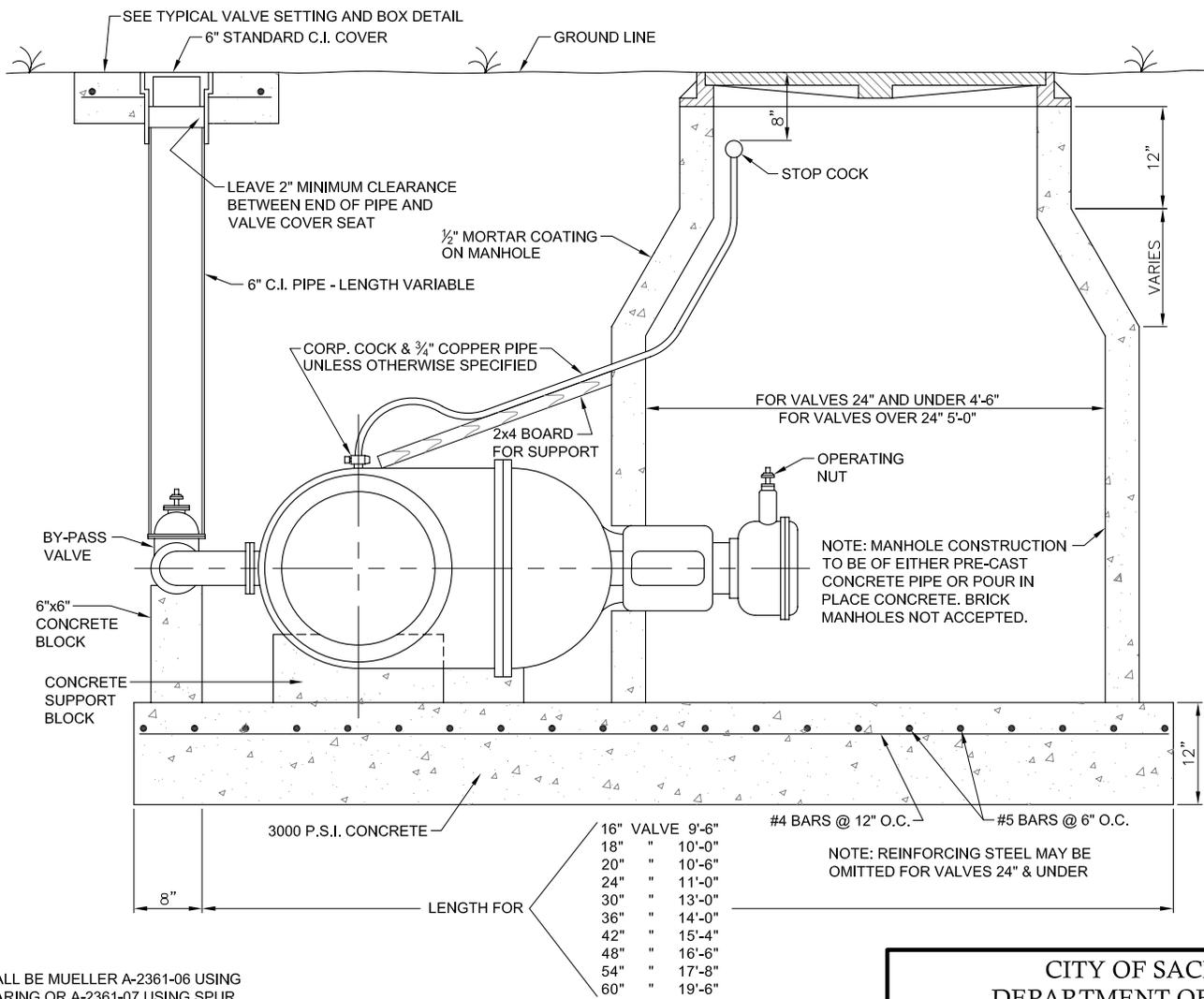
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VALVE SHALL BE MUELLER A-2361-06 USING BEVEL GEARING OR A-2361-07 USING SPUR GEARING OR APPROVED EQUAL

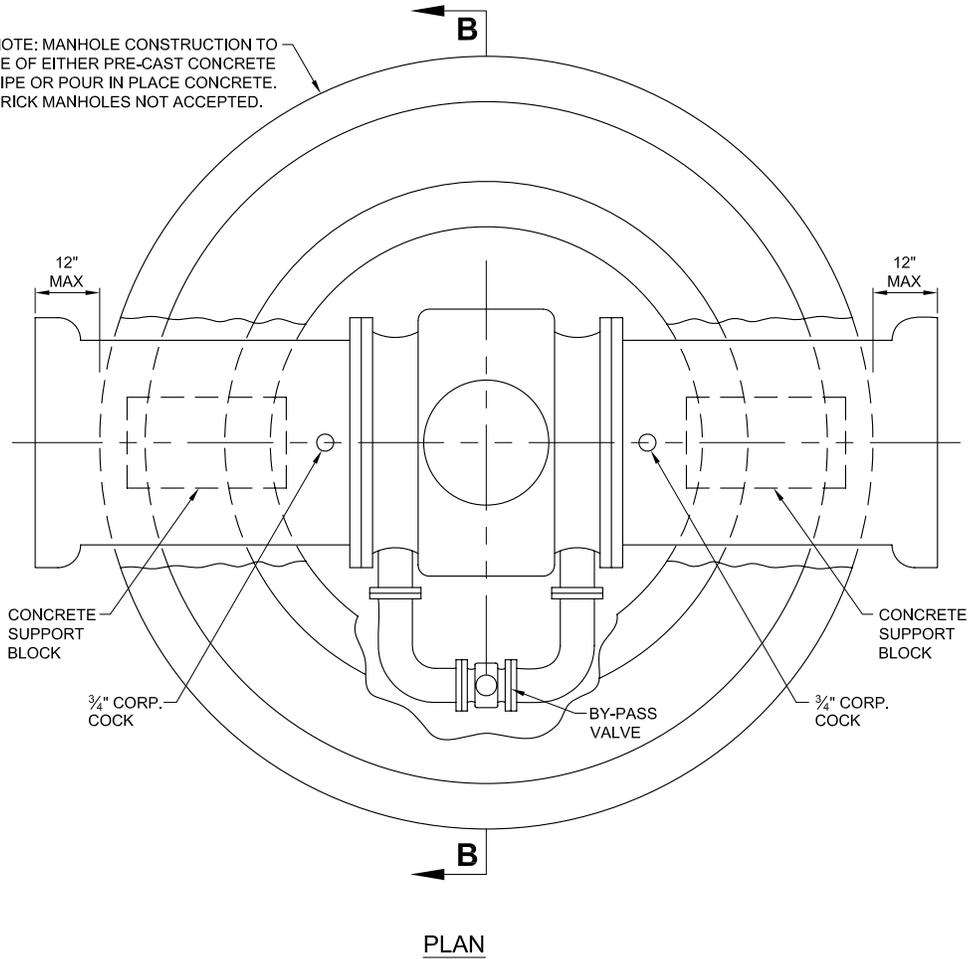
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HORIZONTAL VALVE INSTALLATION

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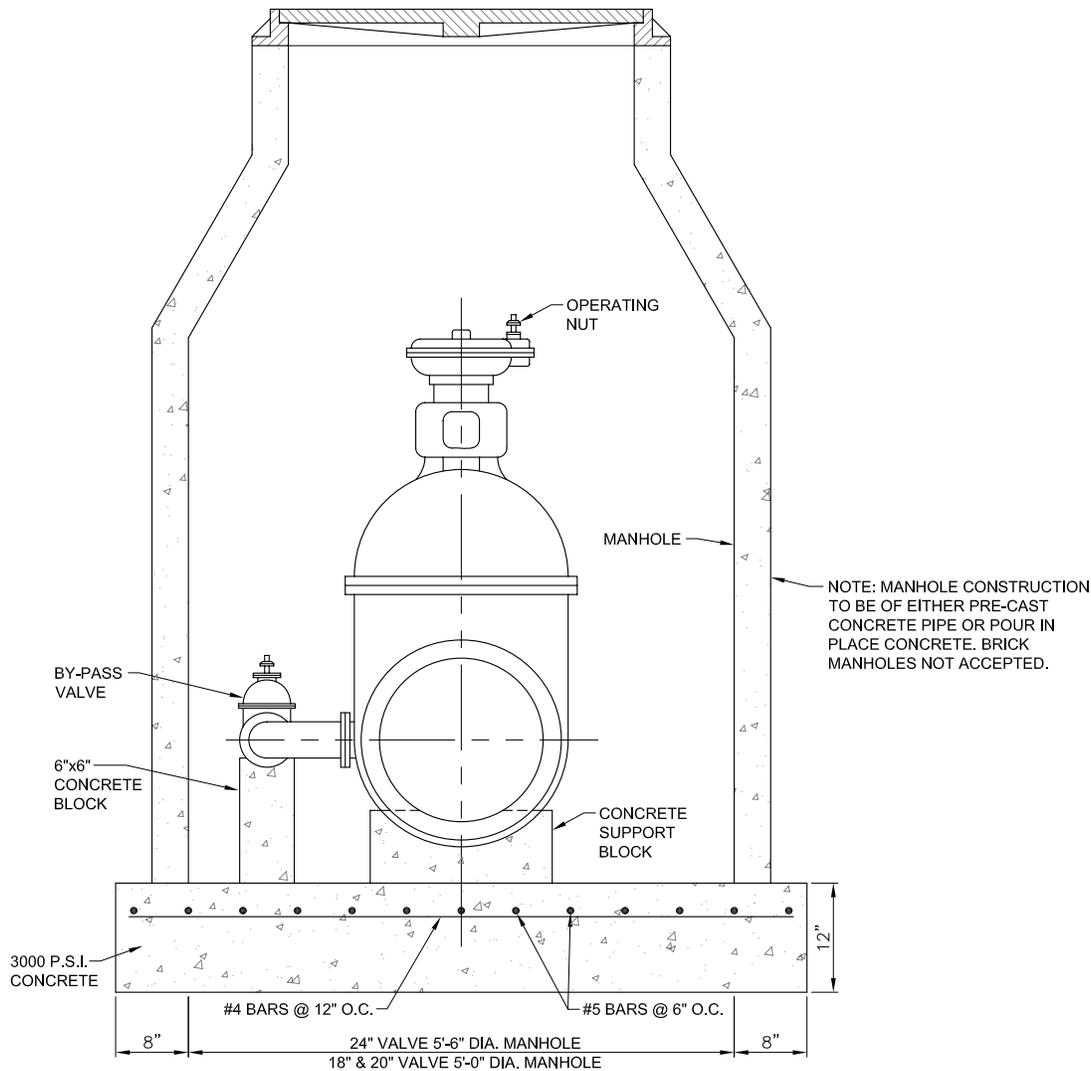
SEC 5-A, PG 03

NOTE: MANHOLE CONSTRUCTION TO BE OF EITHER PRE-CAST CONCRETE PIPE OR POUR IN PLACE CONCRETE. BRICK MANHOLES NOT ACCEPTED.



VERTICAL VALVE INSTALLATION

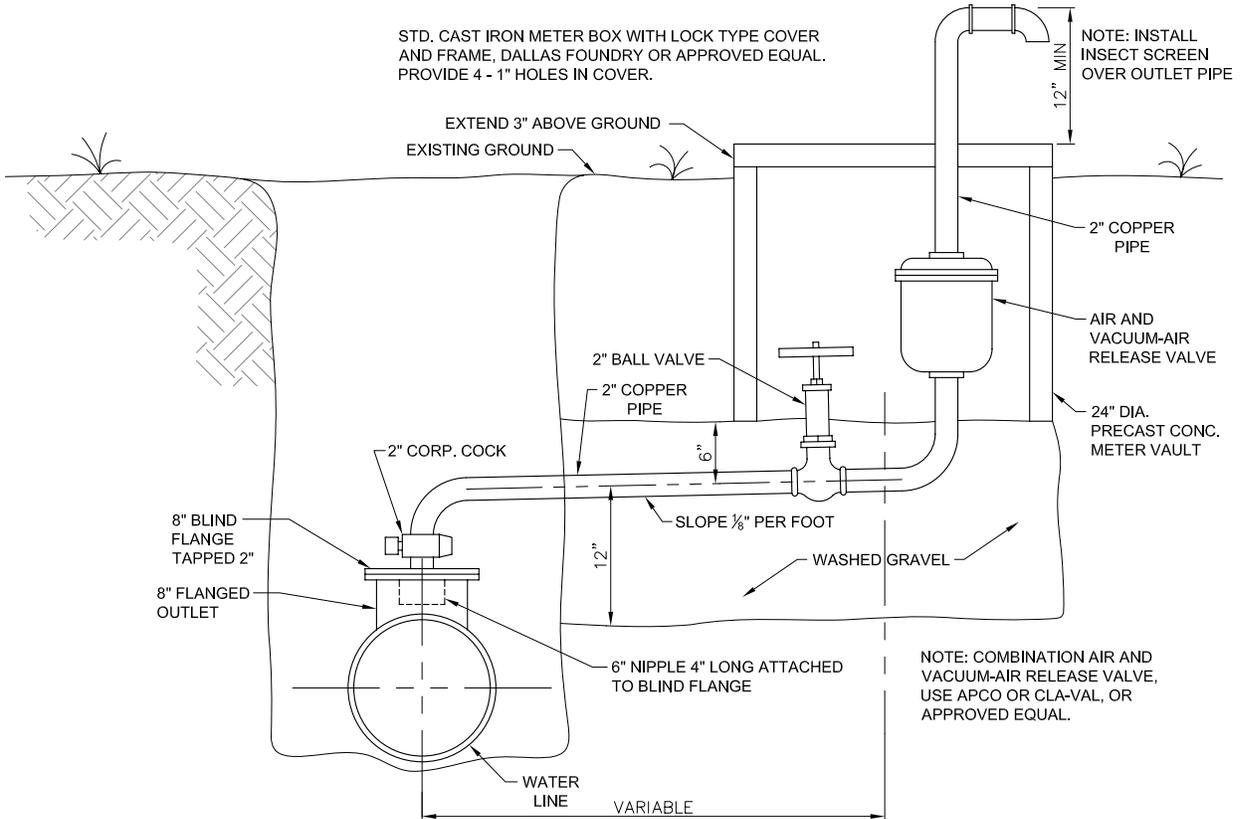
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SECTION B-B

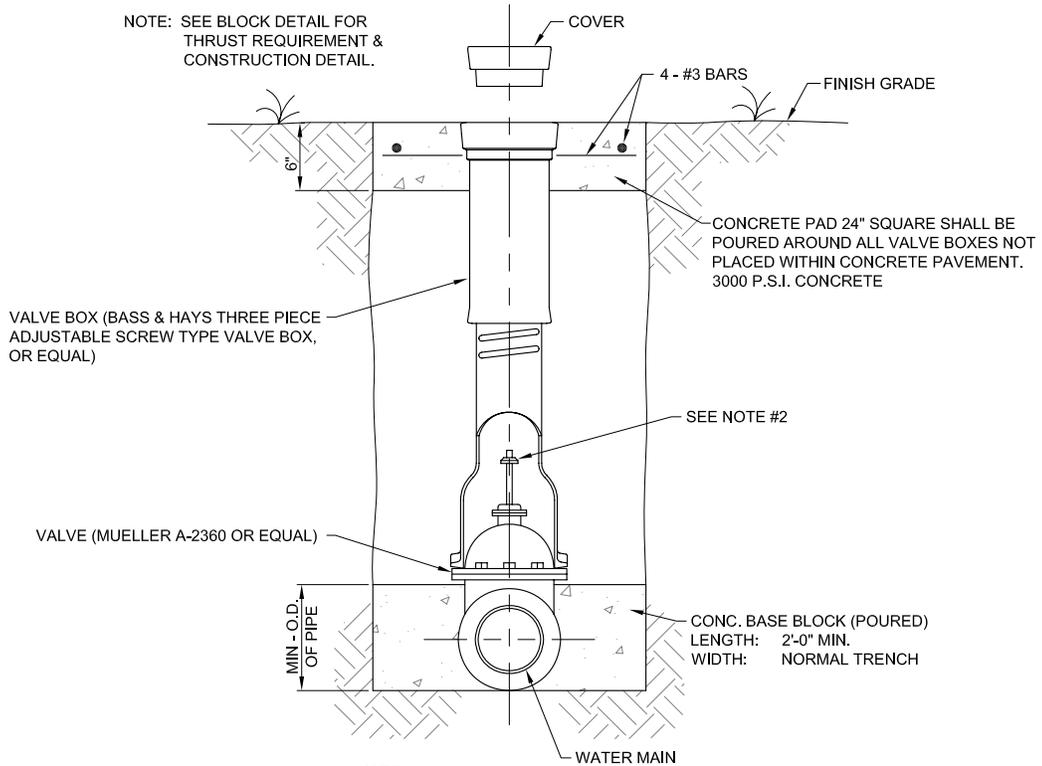
VERTICAL VALVE INSTALLATION

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TYPICAL AIR AND VACUUM - AIR RELEASE VALVE INSTALLATION

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NOTE:

1. 6" - 12" GATE VALVES SHALL BE IN ACCORDANCE WITH AWWA STANDARD C-509-80 OR LATEST THEREOF. ALL VALVES SHALL BE MUELLER A-2360 OR APPROVED EQUAL. ALL VALVES LARGER THAN 12" MUST BE APPROVED BY THE CITY.
2. A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE THAT HAS AN OPERATING NUT IN EXCESS OF 4 FEET BELOW THE TOP OF VALVE BOX. THIS EXTENSION SHALL BE OF SUFFICIENT LENGTH TO ENSURE THAT THE TOP OF EXTENSION IS WITHIN 4' OF VALVE BOX LID.

TYPICAL VALVE SETTING AND BOX

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