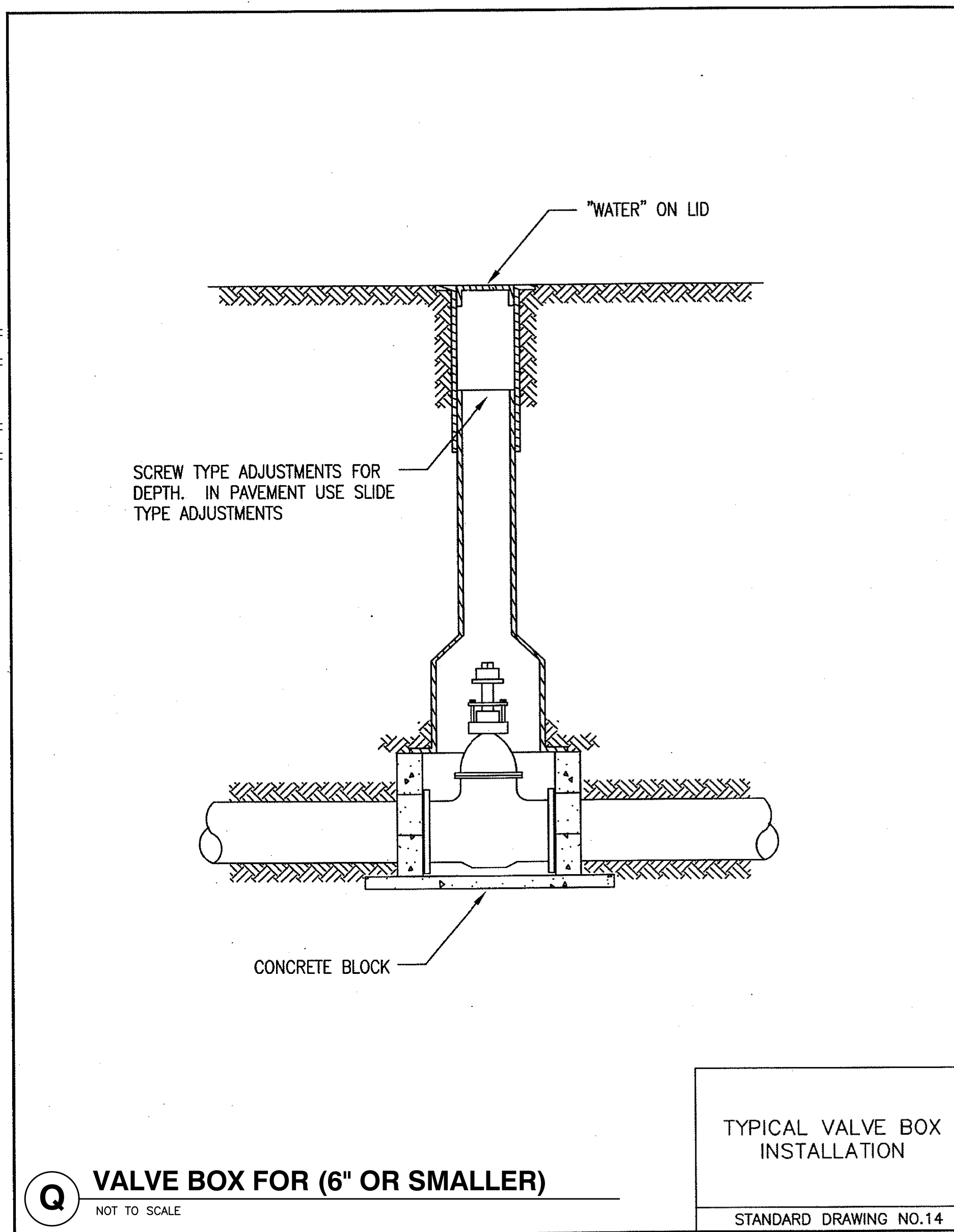


- NOTES:
- REFER TO SECTION 33 11 00 OF THE SPECIFICATIONS.
 - CASING CHOCKS SHALL BE CENTER RESTRAINED POSITION TYPE.
 - INSTALL MINIMUM OF 3 CHOCKS PER 20' CARRIER PIPE SECTION EQUALLY SPACED.
 - ANNULAR SPACE BETWEEN THE CARRIER PIPE AND THE CASING PIPE SHALL NOT BE FILLED WITH ANY MATERIAL.
 - REFER TO MANUFACTURER'S RECOMMENDATION FOR INSTALLATION PROCEDURES.

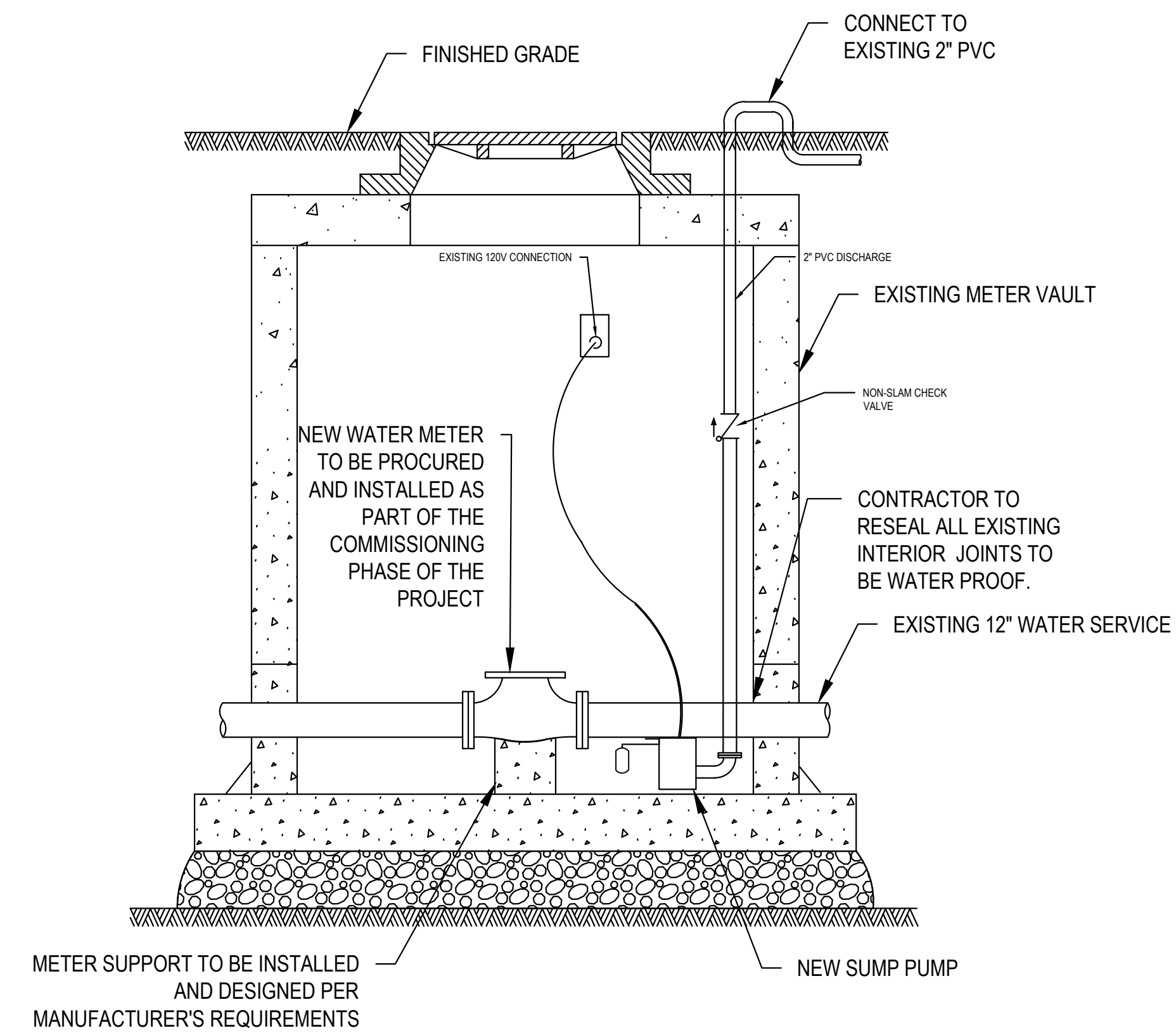
P CASING PIPE TYPICAL DETAIL
NOT TO SCALE



Q VALVE BOX FOR (6" OR SMALLER)
NOT TO SCALE

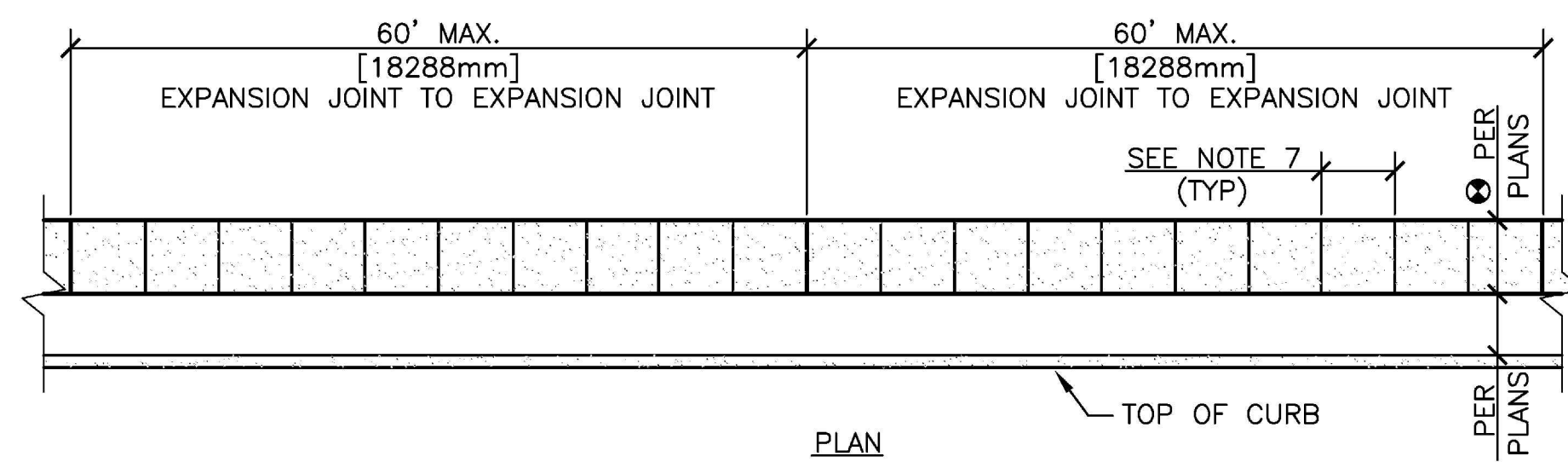
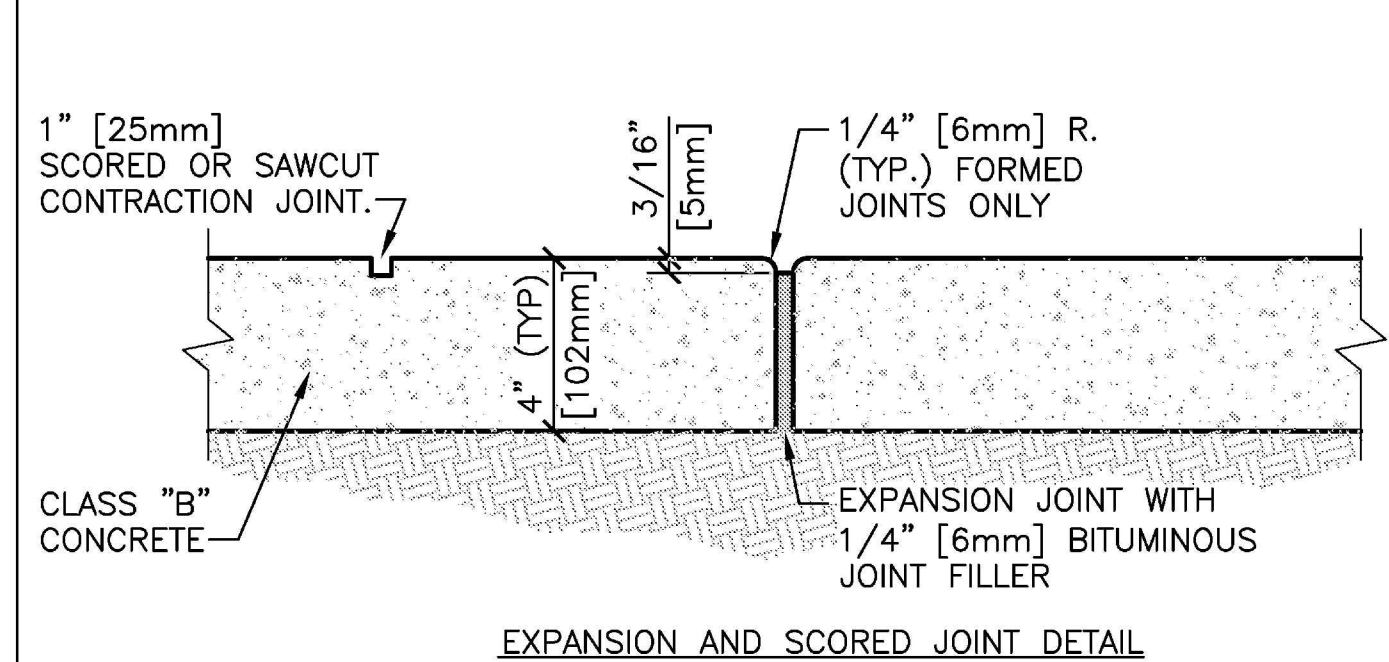
TYPICAL VALVE BOX INSTALLATION

STANDARD DRAWING NO.14



- NOTES:
- CONTRACTOR TO REMOVE EXISTING SUMP PUMP AND FLOAT SYSTEM FROM METER VAULT.
 - CONTRACTOR TO INSTALL NEW SUMP PUMP AND FLOAT CONTROLS. BASIS OF DESIGN TO BE WEIL 2 INCH SUBMERSIBLE PUMP MODEL 1455 WITH WEIL MODEL 8245 TETHERED SWITCH FLOAT CONTROL.
 - CONTRACTOR TO CONNECT THE NEW SUMP PUMP TO THE EXISTING 115V OUTLET IN THE METER VAULT. CONTRACTOR MUST VERIFY THE EXISTING ELECTRICAL INFRASTRUCTURE HAS THE CAPACITY FOR THE NEW SUMP PUMP AND THE WATER METER PRIOR TO PURCHASING THE EQUIPMENT.
 - SUMP PUMP DISCHARGE TO BE 2 INCH PVC.
 - CONTRACTOR TO ROUTE SUMP DISCHARGE PIPING WITH IN LINE CHECK VALVE.
 - CONTRACTOR TO CONNECT THE NEW SUMP PUMP DISCHARGE TO THE EXISTING PVC LINE OUTSIDE OF THE EXISTING METER VAULT. PIPING TO BE BURIED OR FLAGGED TO AVOID LAWN MAINTENANCE DAMAGE.
 - CONTRACTOR TO INSTALL GROUNDING WIRE DIRECTLY TO EARTH/GRADE PER MANUFACTURER'S REQUIREMENTS.
 - CONTRACTOR TO INSTALL RADIO FREQUENCY WATER METER CONNECTION PER THE LOCAL WATER UTILITIES REQUIREMENTS.

T EXISTING METER VAULT DETAIL



- NOTES:
- EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
 - ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
 - 1" DEEP CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 15' [4572mm] OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
 - FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6mm] RADIUS.
 - SCORED JOINTS SHALL BE 1/4" [6mm] DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
 - CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
 - 1/4" DEEP SCORED JOINTS (TYP) SPACED AT 6' [1829mm] OR EQUAL TO SIDEWALK WIDTH.

S CONCRETE SIDEWALK
NTS

DETAIL TITLE / CONCRETE SIDEWALK
SCALE: NONE
DATE ISSUED: DECEMBER 2008
CAD DETAIL NO.: SD320523-18.DWG
Department of Veterans Affairs

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PHASE 3A - 100% CONSTRUCTION DOCUMENTS: JULY 29, 2016

Drawing Title PHASE 3A WATER MAIN DETAILS	
Approved: Division Chief	Approved: Service Director

Project Title VA HINES MEDICAL CENTER REPLACE EXISTING WATER MAINS PROJECT	
Building Number	Checked: JBL
Location HINES, ILLINOIS	Drawn: TPM

Date JULY 29, 2016
Project No. VA#5328-135-0032 HGA#3931-001-00
DRAWING NO. CU402
Dwg. ___ Of ___

Office of Facilities Management

Department of Veterans Affairs