6" DIAMETER, SCHEDULE 80 STEEL PIPE FILLED WITH CONCRETE

PAINT POST
SAFETY YELLOW

GROUND

POURED
CONCRETE

#5 BAR 12" LONG THRU PIPE 3'-6"

1'-6" SQ.

BOLLARD SECTION VIEW

BOLLARD (TYPICAL).
SEE "BOLLARD SECTION VIEW" & "SCHEMATIC VIEW" (THIS SHEET).

STANDARD VALVE BOX

BOLLARD (TYPICAL).
SEE "BOLLARD SECTION VIEW" & "SCHEMATIC VIEW" (THIS SHEET).

CONCRETE PAD

GROUND

M.J.D.I. 45° BEND, RESTRAINED

PROVIDE THRUST BLOCKING

MEGA-LUG OR APPROVED EQUAL
(TYPICAL OF FIVE JOINTS)

BYPASS PUMPING CONNECTION
SECTION VIEW

GATE VALVE ON BRANCH LINE

M.J.D.I. 45° BEND RESTRANDED

FORCE MAIN

YWE

BLOCKING

NOTES:
1. THE PIGGING/BYPASS CONNECTION SHALL BE LOCATED WITHIN 50 FEET OF THE PUMP STATION VALVE VAULT.
2. ALL PIPING WITHIN THE BYPASS ASSEMBLY SHALL BE INTERIOR COATED WITH PROTECTO 401.
3. ALL BURIED PIPES, VALVES, AND FITTINGS SHALL BE DUCTILE IRON AND RESTRANDED WITH WEDGE ACTION RETAINER GLANDS AND BLOCKING AS SHOWN.
4. ALL PIPING FOR THE PIGGING/BYPASS CONNECTION SHALL BE THE SAME DIAMETER AS THE FORCE MAIN.

STANDARD FORCE MAIN PIGGING & BYPASS CONNECTION

EFFECTIVE: 01/05/17

DETAIL No.

07200.07

(SHEET 1 OF 2)