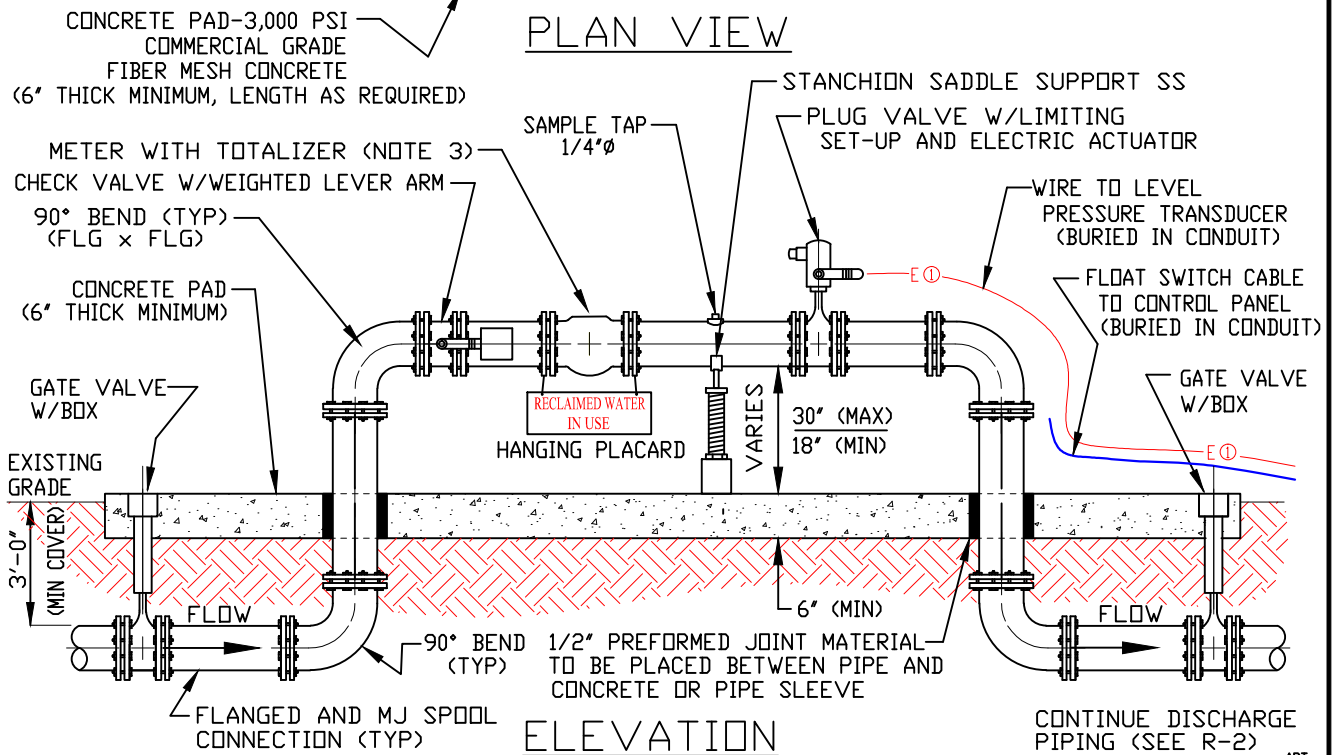


PLAN VIEW



ELEVATION

NOTES

1. ALL ABOVE GROUND PIPING & FITTINGS TO BE FLANGED AND DUCTILE IRON.
2. ALL ABOVE GROUND PIPING, FITTINGS AND VALVE BOX LIDS SHALL BE PAINTED PANTONE PURPLE (522C).
3. PROVIDE A HANGING PLACARD WITH THE WORDS "RECLAIMED WATER IN USE."
4. PROPELLER OR MAG METER SHALL BE LINKED TO IRCDUS REMOTE TRANSMITTING UNIT (RTU) FOR REMOTE MONITORING BY IRCDUS. THE METER SHALL REPORT IN GALLONS PER MINUTE. PLUG VALVE SHALL BE REMOTELY ACTUATED VIA IRCDUS AND BY PRESSURE TRANSDUCER IN LAKE. PLUG VALVE SHALL REPORT "PERCENTAGE OPEN" POSITION. INTEGRATE ALL LOGIC WITH IRCDUS SCADA SYSTEM.
4. ALL MATERIALS ARE TO BE PER IRCDUS APPROVED MANUFACTURERS' PRODUCT LIST.
5. A TELEMETRY AND MONITORING DEVICE IS REQUIRED AT DISCHARGE. DEVICE TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
6. ELECTRICAL PANEL SHALL BE PER LIFT STATION ELECTRICAL PANEL, SEE DETAIL S-17, S-18 AND S-19. ELECTRICAL PANEL TO BE LOCATED AS CLOSE TO METER AS PRACTICAL.

INDIAN RIVER COUNTY
DEPARTMENT OF
UTILITY SERVICES



RECLAIMED WATER
METER/VALVE
ASSEMBLY DETAIL

DRAWING
NO.
R-1

MARCH 2018