



REVIEW AND COORDINATION

NOT FOR CONSTRUCTION

DIRECTORYIRRIGATION SCHEDULEIR-1IRRIGATION NOTESIR-1IRRIGATION PLANSIR-2IRRIGATION DETAILSIR-3 - IR-5IRRIGATION CHARTSIR-6

0 15' 30' 1 1 30' NORTH SCALE: 1"=30'

1

PEAK FLOW REQUIREMENT: 12 GPM REQUIRED STATIC PRESSURE: 100 PSI CONTRACTOR SHALL TIE ONTO 3/4" COPPER STUB-OUT DOWNSTREAM OF METER PIT AT 54" DEPTH IN THIS APPROXIMATE LOCATION. CONNECT TO EXISTING 3/4" STUB AND EXTEND 3/4" TYPE K SOFT COPPER AT 54" MINIMUM DEPTH TO BACKFLOW PREVENTER LOCATION. INSTALL ONE 3/4" STOP AND WASTE VALVE, ONE 3/4" REDUCED PRESSURE BACKFLOW PREVENTER WITH PRESSURE REDUCING VALVE AND PROTECTIVE ENCLOSURE, ONE MANUAL DRAIN VALVE, ONE FLOW SENSOR, ONE MASTER VALVE, ONE QUICK COUPLING VALVE, ONE GATE VALVE AND EXTEND PVC MAINLINE AS SHOWN. SET PRV AT 75 PSI. CONNECT FLOW SENSOR AND MASTER VALVE TO ASSOCIATED CONTROLLER VIA TWO-WIRE COMMUNICATION CABLE PER MANUFACTURER'S REQUIREMENTS. SEE DETAIL SHEET FOR REQUIRED PIPE LENGTHS UPSTREAM AND DOWNSTREAM OF FLOW SENSING UNIT . SEE DETAIL SHEET FOR REQUIRED PIPE LENGTHS UPSTREAM AND DOWNSTREAM OF FLOW SENSING UNIT . MORK SHALL CONFORM TO LOCAL CODE. FEES, PERMITS AND INSPECTIONS ASSOCIATED WITH WORK ARE TO BE OBTAINED AND PAID FOR BY CONTRACTOR. FINAL BACKFLOW PREVENTER LOCATION SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

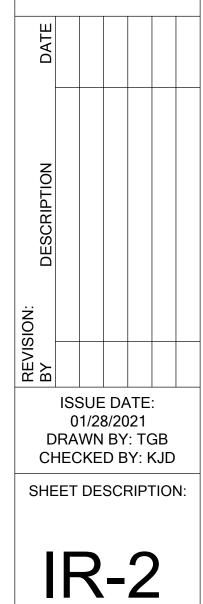
CONTROLLER LOCATION "A"

WALL MOUNT ONE CONTROLLER (REFER TO SCHEDULE FOR MODEL & STATION COUNT), REMOTE READY, AT INDICATED LOCATION. 120 VOLT POWER IS AVAILABLE WITHIN 20 LF. OF CONTROLLER LOCATION FROM BUILDING. ELECTRICAL WIRE/CONDUIT AND POWER CONNECTION TO CONTROLLER IS BY CONTRACTOR WITH WORK CONFORMING TO LOCAL CODES. CONNECT FLOW SENSOR WITH 2-WIRE SENSOR DECODER AND MASTER VALVE WITH 2-WIRE SINGLE STATION DECODER. FINAL CONTROLLER LOCATION SHALL BE APPROVED BY OWNER OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. ALL CONTROL WIRING WITHIN BUILDING SHALL BE INSTALLED IN EMT CONDUIT. MOUNT ONE WEATHER SENSOR ON BUILDING WHERE THERE IS 20 FT. OF CLEARANCE FROM ANY OVERHANG OR OBSTRUCTING FEATURE. INSTALL WEATHER SENSOR RECEIVER ON EXTERNAL WAL CONNECT SENSOR RECEIVER WIRES TO IRRIGATION CONTROLLER SENSOR PORT THROUGH CONDUT. FINAL WEATHER SENSOR LOCATION SHALL BE APPROVED BY OWNER OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

POINT OF CONNECTION #1 - 3/4"



17 MILE HOUSE ARAPAHOE COUNTY OPEN SPACE



SHEET 2 OF 6

