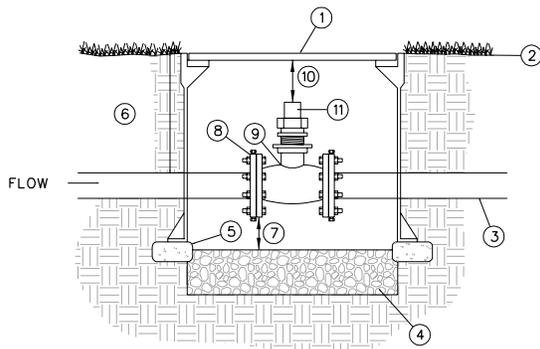


- ① PVC LATERAL LINE
- ② 3" MIN. 6" MAX. CLEARANCE
- ③ COUPLER SCH. 80 SLIP TO SLIP
- ④ VALVE BOX W/ BOLT LOCK (CARSON-BROOKS OR APPROVED EQUAL) SIZE AS PER VALVE SIZE: 1" VALVE = 18" STANDARD 1419 BOX 1/2"-2" VALVE = 18" JUMBO 1220 BOX
- ⑤ PROVIDE 24" EXPANSION LOOP AT EACH WIRE CONNECTOR IN BOX
- ⑥ FINISH GRADE
- ⑦ WATER TIGHT WIRE CONNECTORS (TYP)
- ⑧ VALVE - RAIN BIRD PESB VALVE
- ⑨ BRASS GATE VALVE (MUELLER, MATCO, NIBCO)
- ⑩ PVC SCH. 80 ELL
- ⑪ PVC SCH. 80 PIPE, SOLVENT WELDED, LENGTH AS REQUIRED
- ⑫ WIRES TO CONTROLLER, TAPE AND BUNDLE EVERY 10' - SEE TRENCH DETAIL
- ⑬ MAIN LINE
- ⑭ 4" MIN. DEPTH 3/4" WASHED GRAVEL
- ⑮ 4" MIN. CLEARANCE REQUIRED
- ⑯ CONCRETE PAVERS ONLY
- ⑰ PVC SCH. 80 TEE (OR ELL OR DUCTILE IRON SERVICE TEE)
- ⑱ ACTION UNIO - PART 18010-XX PART 18011-XX PART 18012-XX

NOTES:
 1. ONLY ONE VALVE PER BOX.
 2. PLACE BOXES A MINIMUM OF 2' APART.
 3. USE BOX EXTENSIONS AS REQUIRED.

CONTROL VALVE ASSEMBLY

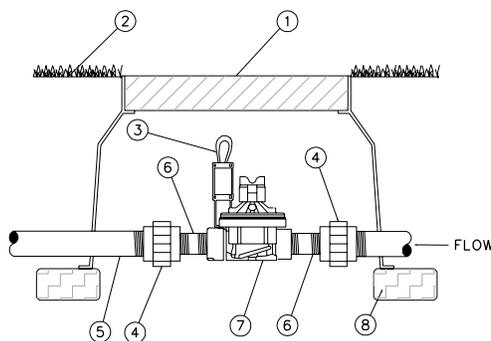
NTS



- ① 10" ROUND GREEN PLASTIC VALVE BOX W/ BOLT LOCK, CARSON-BROOKS OR EQUAL, MARKED "G.V." IN 2" WHITE LETTERS
- ② FINISH GRADE
- ③ PVC MAIN LINE
- ④ 4" MIN. DEPTH PEA GRAVEL
- ⑤ CONCRETE PAVERS ONLY
- ⑥ DEPTH - SEE NOTES
- ⑦ 5" MIN. CLEARANCE
- ⑧ PVC FLANGE ADAPTER (TYP.)
- ⑨ FLANGED GATE VALVE - SEE IRRIGATION EQUIPMENT SCHEDULE
- ⑩ 3" MIN. 6" MAX. CLEARANCE
- ⑪ HANDLE OR 2" SQUARE OPERATING NUT

GATE VALVE (FLANGED 3" AND LARGER)

NTS



- ① 18" JUMBO 1220 VALVE BOX W/ BOLT LOCK (CARSON-BROOKS OR APPROVED EQUAL)
- ② FINISH GRADE
- ③ WIRES TO SITE INTERFACE 18 GAUGE MIN. WIRE SIZE
- ④ ACTION UNION
- ⑤ PVC MAINLINE
- ⑥ SCH 80 NIPPLE
- ⑦ MASTER VALVE
- ⑧ CONCRETE PAVERS ONLY

MASTER VALVE ASSEMBLY

NTS



STATEMENT OF USE
 THIS DOCUMENT AND ANY ILLUSTRATIONS HEREON ARE PROVIDED AS STANDARD CONSTRUCTION DETAILS WITHIN LINDON CITY. DEVIATION FROM THIS DOCUMENT REQUIRES APPROVAL OF LINDON CITY, LINDON CITY CORPORATION AND J-U-B ENGINEERS CAN NOT BE HELD LIABLE FOR MISUSE OR CHANGES REGARDING THIS DOCUMENT.

REVISION			
NO.	DESCRIPTION	BY	APPR. DATE



IRRIGATION VALVE DETAILS

LINDON CITY
 100 NORTH STATE

STANDARD DRAWING NUMBER: **24a**
 CAD DWG: LC_StdDwg.dwg
 PLOT SCALE: 1:300
 DRAWN BY: CJC
 DESIGN BY: MLC
 CHECKED BY: MLC
 ADOPTED DATE: 01 FEB 11