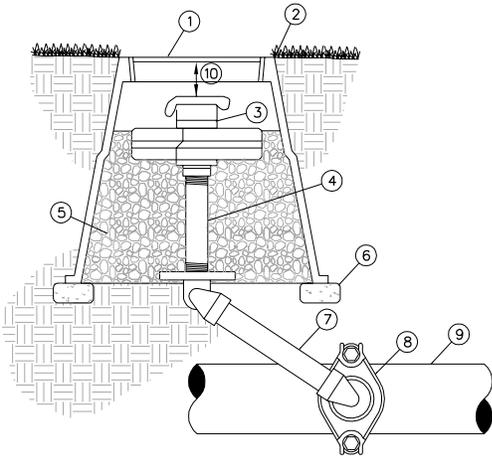


- ① INLINE FILTER - SEE IRRIGATION EQUIPMENT SCHEDULE
- ② 3/4" BRASS HOSE BIB (W/ SADDLE OR TEE)
- ③ FL WAFER BUTTERFLY VALVE 4" AND LARGER FULL PORT APOLLO BALL VALVE 3" AND SMALLER
- ④ FINISH GRADE
- ⑤ CONCRETE THRUST BLOCKS (TYP). WRAP PIPES W/ 10 MIL TAPE. CAST AGAINST UNDISTURBED SOIL
- ⑥ FILTER ENCLOSURE - SEE IRRIGATION EQUIPMENT SCHEDULE (INSTALL PER MANUFACTURER'S SPECIFICATIONS)
- ⑦ MAIN LINE - SEE IRRIGATION SCHEDULE FOR SIZE AND MATERIAL
- ⑧ FLxPE, SPOOL LENGTH AS REQUIRED (TYP 4" AND LARGER) BRASS NIPPLE LENGTH AS REQUIRED (TYP 3" AND SMALLER)
- ⑨ ELBOW AND FLANGE ADAPTER AS NEEDED
- ⑩ 4" THICK CONCRETE PAD (SIZE AS REQUIRED)
- ⑪ ACTION UNION (ON NON FLANGED PIPE)
- ⑫ 20' LENGTH OF RUBBER HOSE FOR DRAINING

MANUAL STEEL FILTER ASSEMBLY

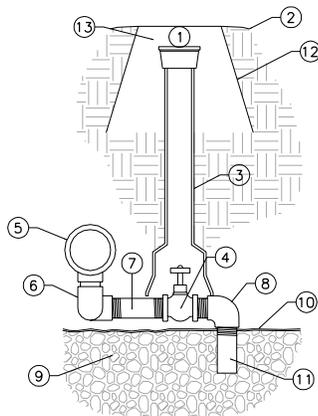
NTS



- ① 10" ROUND GREEN PLASTIC VALVE BOX W/ BOLT LOCK, CARSON-BROOKS 910 OR EQUAL
- ② FLUSH WITH GRADE
- ③ QUICK COUPLING VALVE - SEE EQUIPMENT SCHEDULE
- ④ BRASS NIPPLE, LENGTH AS REQUIRED
- ⑤ CLEAN PEA GRAVEL
- ⑥ CONCRETE PAVERS ONLY
- ⑦ 12" LASCO UNITIZED SWING JOINT W/ BRASS INSERT STABILIZER ELBOW, OR 12" SPEARS SWING JOINT RISER ASSEMBLY W/ BRASS FEMALE THREAD 90° ELL OUTLET
- ⑧ 3" AND LARGER, DUCTILE IRON SERVICE SADDLE W/ S.S. STRAP (SIDE MOUNTED, SIZE AS REQUIRED) 2 1/2" AND SMALLER, USE PVC SCH 80 TEE AND 90° (SIDE MOUNTED, SIZE AS REQUIRED)
- ⑨ PVC MAIN LINE
- ⑩ 3" MIN. 6" MAX. CLEARANCE

QUICK COUPLING VALVE ASSEMBLY

NTS



- ① ADJUSTABLE CURB BOX W/ BOLT LID. CARSON-BROOKS 250 OR EQUAL
- ② FINISH GRADE
- ③ ADJUST HEIGHT AS REQUIRED
- ④ 3/4" VALVE (SEE IRRIGATION EQUIP. SHC.)
- ⑤ PVC MAINLINE & SERVICE TEE
- ⑥ (2)-1/2"x1/2" 90° ELL (2)-3/4" x CLOSE PVC NIPPLE
- ⑦ 3/4"x12" PVC SCH 80 NIPPLE
- ⑧ 3/4" 90° STREET ELL
- ⑨ 3/4" ROCK SUMP - 6 C.F. MIN. SIZE
- ⑩ FILTER FABRIC COVERING SUMP
- ⑪ 3/4" x 6" PVC SCH 80 TOE NIPPLE
- ⑫ 10" ROUND GREEN PLASTIC VALVE BOX, CARSON-BROOKS 910 OR EQUAL AT TOP OF GRADE
- ⑬ 3" TO 6" CLEAR SPACE

MANUAL DRAIN VALVE

NTS



IRRIGATION FILTER AND VALVE DETAILS

LINDON CITY
100 NORTH STATE

STANDARD DRAWING NUMBER: **24b**
 CAD DWG: LC_StdDwg.dwg
 PLOT SCALE: 1:500
 DRAWN BY: CJC
 CHECKED BY: MLC
 ADOPTED DATE: 01 FEB 11

STATEMENT OF USE			
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REVISION			
NO.	DESCRIPTION	BY	APPR. DATE