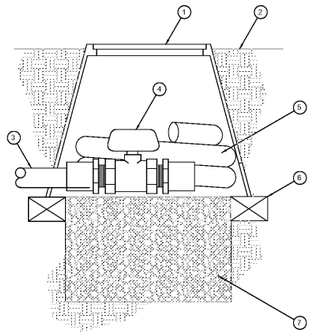
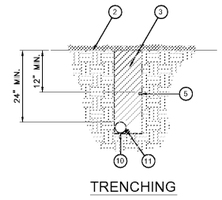
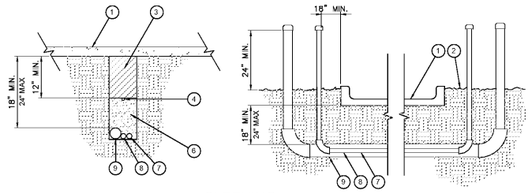


1. 10" ROUND PLASTIC VALVE BOX WITH LOCKABLE LID, "CARSON" OR APPROVED EQUAL
2. FINISH GRADE - TOP OF VALVE BOX TO BE 2" ABOVE FINISH GRADE IN PLANTER AREAS
3. DRIP EXHAUST HEADER
4. BALL VALVE, LINE SIZE
5. 3' COILED LENGTH OF LINE SIZE: FLEX HOSE: SOLVENT WELD TO VALVE
6. RED BRICK TYPICAL, 3 REQUIRED
7. 6" DEEP LAYER OF PEA GRAVEL

M FLUSH VALVE
SCALE: NTS



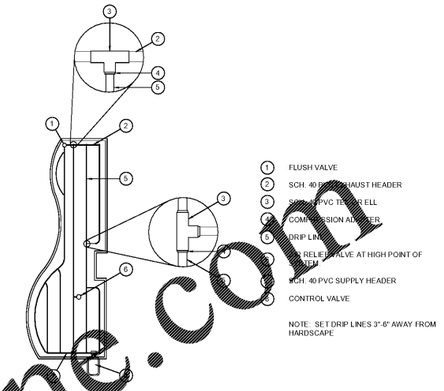
TRENCHING



SLEEVING

2. FINISH GRADE
3. TRENCH BACKFILL
4. LOCATOR WIRE W/BURIED CAUTION TAPE
5. PVC IRRIGATION LATERAL - BURIED MIN. 12" BELOW GRADE
6. SAND BACKFILL
7. SCH. 40 PVC LATERAL SLEEVE - SEE PLANS FOR SIZE
8. SCH. 40 PVC WIRE SLEEVE FOR CONTROL WIRES, MIN. 2" DIA.
9. SCH. 40 PVC MAINLINE SLEEVE - SEE PLANS FOR SIZE
10. PVC IRRIGATION MAINLINE
11. CONTROL WIRES - TAPE TO MAINLINE AT 10' INTERVALS
12. PVC CAP, SOLVENT WELDED

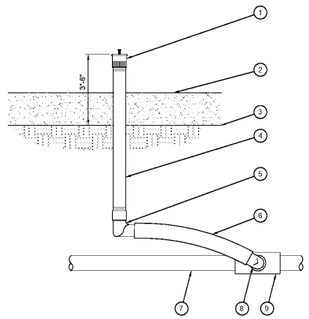
J PIPE AND SLEEVE INSTALLATION
SCALE: NTS



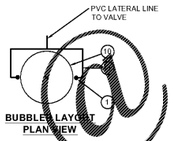
1. FLUSH VALVE
2. SCH. 40 DRIP EXHAUST HEADER
3. SCH. 40 PVC TEE OR ELL
4. COMPRESSION ADAPTER
5. DRIP LINE
6. AIR RELIEF VALVE AT HIGH POINT OF SYSTEM
7. SCH. 40 PVC SUPPLY HEADER
8. CONTROL VALVE

NOTE: SET DRIP LINES 3"-6" AWAY FROM HARDSCAPE

I SUBSURFACE DRIP LINE LAYOUT
SCALE: NOT TO SCALE

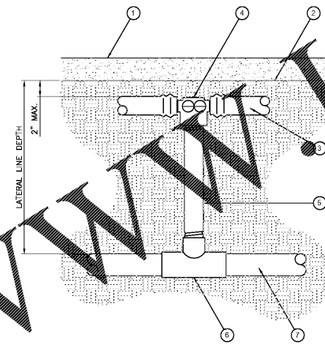


1. BUBBLER PER LEGEND - 2 PER TREE
2. MULCH
3. FINISH GRADE/TOP OF MULCH
4. UV RADIATION RESISTANT 1/2-INCH PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
5. 1/2-INCH FEMALE NPT x 0.490-INCH BARB ELBOW
6. SWING PIPE, 12-INCH LENGTH
7. PVC LATERAL PIPE
8. 1/2-INCH MALE NPT x .490-INCH BARB ELBOW
9. SCH 40 TEE OR ELL
10. EDGE OF ROOTBALL
11. PVC LATERAL LINE - 3/4"



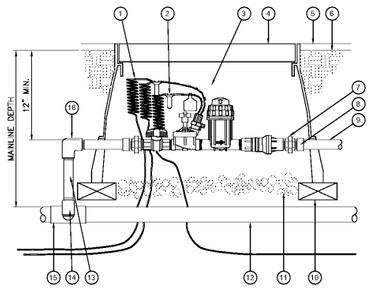
BUBBLER LAYOUT PLAN VIEW

N BUBBLER - TREE
SCALE: NTS



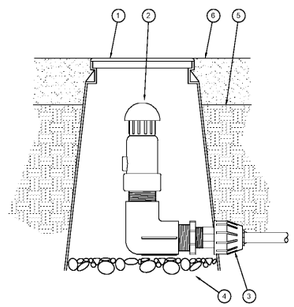
1. TOP OF MULCH
2. FINISH GRADE
3. DRIP LINE PER PLAN
4. INSERT TEE OR ELBOW
5. SCH. 80 PVC NIPPLE (LINE SIZE)
6. SCH. 40 PVC TEE (SST)
7. SCH. 40 PVC SUPPLY HEADER (SIZE PER PLAN)

K SUBSURFACE DRIPLINE CONNECTION
SCALE: NOT TO SCALE



1. 30-INCH LINEAR LENGTH OF WIRE, COILED
2. WATERPROOF CONNECTION (ANY APPROVED)
3. REMOTE CONTROL VALVE ASSEMBLY
4. JUMBO PLASTIC VALVE BOX BY CARSON (OR EQUAL)
5. TOP OF MULCH
6. FINISHED GRADE -1" BELOW TOP OF BOX IN TURF AREAS, 2" IN SHRUB AREAS
7. PVC UNION (2)
8. PVC SCH 40 MALE ADAPTER (2)
9. PVC LATERAL PIPE
10. BRICK (1 OF 4)
11. 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
12. PVC MAINLINE PIPE
13. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
14. SCH. 40 PVC ELL
15. SCH. 40 PVC TEE OR ELL
16. SCH. 40 PVC THREADED ELL

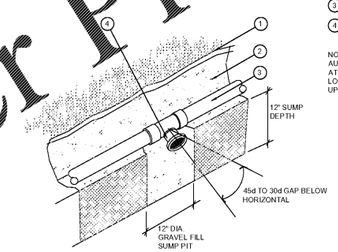
I DRIP CONTROL ZONE KIT
SCALE: NTS



1. VALVE BOX PER PLAN
2. AIR RELIEF VALVE PER PLAN
3. ADAPTERS PER MANUFACTURER
4. PEA GRAVEL, 3" DEPTH
5. FINISH GRADE
6. TOP OF MULCH

NOTE: INSTALL AT HIGHEST POINT(S) IN SYSTEM.

L AIR RELIEF VALVE
SCALE: NTS



1. FINISH GRADE
2. PIPE TRENCH
3. LATERAL LINE PIPE
4. AUTOMATIC DRAIN VALVE

NOTE:
AUTOMATIC VALVES ARE TO BE LOCATED AT LOW POINTS OF LATERAL LINES. LOCATE END DRAIN VALVE 12" UPSTREAM FROM LAST HEAD.

O AUTOMATIC DRAIN VALVE
SCALE: NOT TO SCALE

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IRRIGATION DETAILS

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