Pop-up Spray Head
Gear Driven Rotor
Electric Control Valve
VALUE ENGINEERING - DELETE VALVE BOX AND GRAVEL SUMP. SERVICE TEE CHANGED TO CAL-AM SADDLE TEE

Quick Coupling Valve
Gate Valve – smaller than 3"
NOTE:
INSTALL ASSEMBLY TO REST ON GRAVEL SUMP. CONTAIN ENTIRE ASSEMBLY WITHIN BOX. NO VALVE BOX EXTENSIONS ACCEPTED. VALVE BOX TO BE Flush WITH FINISH GRADE.

- BUCKNER FY-75 FILTER WITH 150 MESH SCREEN
- RECTANGULAR VALVE BOX - BRAND LID WITH CONTROLLER AND STATION NUMBER - SEE TECHNICAL SPECIFICATIONS
- SCHRADER VALVE ON PVC TEE
- DRIP TUBING ADAPTER IF REQUIRED
- PVC BALL VALVE
- PRESSURE SUPPLY LINE
- HARDIE 3/4" 700 SERIES CONTROL VALVE
- WILKENS 600 SERIES 3/4" PRESSURE REDUCING VALVE
- 3/4" CRUSHED GRAVEL SUMP - 3 CU. FT.
- PVC UNION

Drip Valve Assembly
NOTE:
INSTALL EMITTERS EQUALLY AROUND ROOTBALL. EMITTERS SHALL BE INSTALLED TO CLEAR FINISHED GRADE BY A MINIMUM OF 1" AND A MAXIMUM OF 2".
FLUSH ALL LINES THOROUGHLY, INCLUDING MICRO-TUBING, PRIOR TO INSTALLING DRIP EMITTERS.
NOTE:
INSTALL EMITTERS ON OPPOSITE SIDES OF ROOTBALL. Emitters are to be installed to clear finish grade by a minimum of 1" and a maximum of 2". Flush all lines thoroughly, including micro-tubing, prior to emitter installation. If planting on a 4:1 slope or greater, install both emitters on uphill side.

Drip – Shrub
Drip Line Blow-out Stub
NOTE:
CONTRACTOR TO GROUND FIELD UNIT ACCORDING TO MANUFACTURER’S SPECIFICATION’S AND GROUNDING RODS SHOWN. CONTRACTOR TO SET UP A SAMPLE PEDESTAL WITH SURGE PROTECTION DEVICES FOR CONSULTANT REVIEW PRIOR TO INSTALLING BALANCE OF FIELD UNITS.

NOTE:
INSTALL A 30AMP DISCONNECT W/ 6.25 AMP FUSE AND 120v DUPLEX RECPTACLE INSIDE PEDESTAL. ALL ELECTRICAL WORK TO CONFORM TO CODE.

STAMP CONTROLLER # IN CONCRETE 2" LETTERING, 1/4" DEEP

FINISH GRADE

8" GROUNDING ROD WITH 10" ROUND VALVE BOX

CONCRETE PAD

2" SWEEP ELL - CONTROL WIRES

1" SWEEP ELL - COMMUNICATION CABLE

1" SWEEP ELL - 120v SERVICE
Hi-pop Spray Head
10" ROUND VALVE BOX
BRAND THE WORD "DRAIN" IN LID-
SEE TECHNICAL SPECIFICATIONS

2" VALVE MARKER

3/4" CRUSHED GRAVEL SUMP
1 CU. FT.

2" CPVC SLEEVE
LENGTH AS REQUIRED

3/4" FxF PVC 90 ELL (2)
3/4"xCL PVC NIPPLE SCH. 80

3/4"x5" PVC NIPPLE SCH. 80

3/4" BRASS GLOBE VALVE

3/4" MxF PVC 90 ELL SCH. 80

SOIL BLANKET COVERING SUMP

3/4"x5" PVC NIPPLE SCH. 80

3/4" CRUSHED GRAVEL SUMP
SEE TECHNICAL SPECIFICATIONS
FOR SUMP SIZE

VALUE ENGINEERING- CHANGE SERVICE TEE TO
cal-AM SADDLE TEE

Manual Drain Valve
NOTE:
CENTER LINE OF AIR RELEASE VALVE SHALL BE 6" TO ONE SIDE OF MAINLINE PIPE EDGE

VALUE ENGINEERING- CHANGE SERVICE TEE TO CAL-AM SADDLE TEE
Thrust Blocks

UNDISTURBED SOIL

6 MIL POLY LINER

GASKETED FITTING

CONCRETE THRUST BLOCK REFER TO SPECIFICATIONS FOR SIZING

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