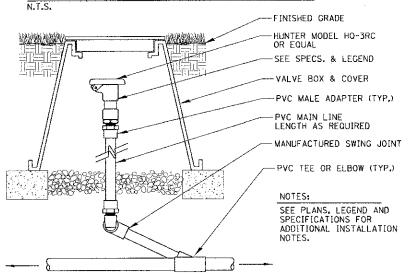


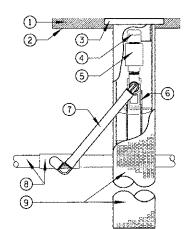
NOTES:

CONTRACTOR SHALL COORDINATE IRRIGATION PIPING WITH PROPOSED ELECTRICAL EQUIPMENT LOCATED INSIDE PLANTER BOXES.

## PLANTER BOX IRRIGATION DETAIL



# QUICK COUPLING VALVE DETAIL



- 1 MULCH
- (2) FINISH GRADE
- (3) GRATED CAP
- (4) HUNTER 0.50 GPM PCB BUBBLER
- (5) HUNTER HCV CHECK VALVE
- (6) PATENTED STRATA ROOT SYSTEM
- (7) HUNTER SWING JOINT
- (8) LATERAL TEE OR ELL/PIPE
- (9) ROOT INTRUSION BARRIER

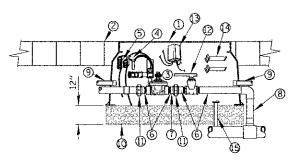
NOTE: INSTALL HUNTER FILTER FABRIC SLEEVE-

# **36" ROOT ZONE WATERING SYSTEM**

CHRISTOPHER B. BURKE

Rosemont, Illinois 60018 (847) 823-0500

USER NAME - kbaldwir

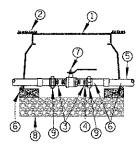


- 1 JACKETED ID WIRE PATH
- ②DBY-(2)
- 3 TWO BLACK WIRES TO VALVE SOLENOID/UP TO 100 FT/30M
- MODEL DUAL-1 DECODER
- (5) DBRY-6 (2)
- (6) JACKETED ID WIRE PATH FROM CONTROLLER ALLOW 5 f+/1.5M SLACK PER DECODER/1/2 ON EITHER SIDE OF DECODER
- (7) CONTROL WIRING IN SCH 40 PVC

- NOTES: 1. ALL DUAL-1 DECODERS SHALL HAVE THE FOLLOWING ADDRESS AND CORRESPONDING COLOR: ADDRESS 1 = 8LACK
- 2. THE MINIMUM RECOMMENDED LEVEL OF PROTECTION IS TO HAVE ONE DECODER GROUNDED AT THE END OF EACH WIRE PATH AND ONE DECODER GROUNDED EVERY 1,000 FT OR 12TH DECODER. FOR HIGHER LEVELS OF PROTECTION, GROUND THE DECODERS MORE FREQUENTLY.

# **DUAL-1 DECODER DETAIL**

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- ① VALVE BOX, TIER 15 OR EQUAL LOADING
- (2) FINISH GRADE
- (3) SCH 80 T.O.E. NIPPLE
- 4 SCH 80 NIPPLE
- (5) MAIN LINE PIPE & FITTINGS
- 6 BRICK SUPPORTS (4)
- 7 FULL PORT BALL VALVE
- (8) ¾" MINUS WASHED GRAVEL
- (9) PVC SLIP UNIONS

# MANUAL ISOLATION VALVE DETAIL

- CONTRACTOR ② FINISH GRADE
  - REMOTE
    CONTROL VALVE
    MODEL ICV-101G
  - (4) WATERPROOF CONNECTORS (2)
  - (5) 18-24" COILED WIRE

  - (7) SCH 80 NIPPLE

  - (9) CONTROL WIRING IN SCH 40 PVC

  - (1) PVC SLIP UNIONS
  - (2) BALL VALVE LINE SIZED (3) MODEL DUAL-1 DECODER

  - (5) QUICK COUPLER

# AUTOMATIC ELECTRIC CONTROL VALVE WITH ISOLATION VALVE DETAIL

# () VALVE BOX, TIER 15 OR EQUAL LOADING WITH BOLTED/GASKETED LID AND "IRRIGATION" LOGO. SIZED TO BE DETERMINED BY

- 6 SCH 80 THREADED ONE END (T.O.E.) ONLY NIPPLE
- (8) MAIN LINE PIPE & FITTINGS
- ₩ MINUS WASHED GRAVEL

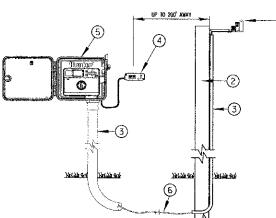
- O DBRY-6 (2) WATERPROOF
  SPLICE CONNECTORS

# 0

- 1 MINIMUM CLEARANCE FOR DOOR OPENING
- (2) MINIMUM VERTICAL CLEARANCE NEEDED FOR HINGE PIN REMOVAL
- 3 I-CORE CONTROLLER MODEL\*IC-600-PL-DUAL48M
- (4) CONTROL WIRE IN ELECTRICAL CONDUIT. SIZE AND TYPE PER LOCAL CODE
- (5) 1" POWER SUPPLY CONDUIT WITH 3/C \*10 J-BOX INSIDE CONTROLLER CONNECT PER LOCAL CODE

MOUNT CONTROLLER WITH LCD SCREEN AT EYE LEVEL. CONTROLLER SHALL BE HARD-WIRED TO GROUNDED 110 VAC SOURCE.

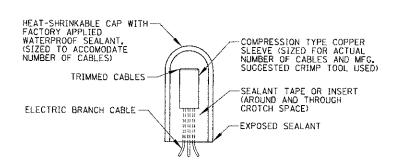
# I-CORE CONTROLLER



- 1 MODEL: SOLAR SYNC SENSOR
- 2 SUITABLE POST, POLE, OR CUTTER MOUNT. MOUNT IN LOCATION WHERE SENSOR CAN RECEIVE FULL SUN, IS OPEN TO RAINFALL AND OUT OF SPRINKLER SPRAY PATTERN
- (3) CONDUIT FOR SOLAR SYNC COMMUNICATION WIRE TO CONTROLLER OR 12" BELOW GRADE
- (4) MODEL SOLAR SYNC MODULE MOUNT LESS THAN 6' AWAY FROM CONTROLLER.
- (5) HUNTER I-CORE CONTROLLER
- (6) CONTROL WIRE

1. COORDINATE LOCATION OF SOLAR SYNC SENSOR WITH CITY.

# **SOLAR SYNC SYSTEM**



# WATERPROOF SPLICE

DESIGNED JPC	REVISED -		IRRIGATION DETAILS (1 OF 1)	F.A.B SECTION COUNTY TOTAL SHEET
DRAWN KWB, JFM	REVISED -	STATE OF ILLINOIS	WILSON STREET	1441 12-00073-01-TL KANE 88 37
CHECKED JPC	REVISED -	DEPARTMENT OF TRANSPORTATION	WILDOW BINELI	CONTRACT NO. 63763
DATE 10/22/2012	REVISED .		SCALE: N.T.S. SHEET 37 OF 88 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT