



BLACK WIRES FROM
MAXI-CABLE
RED WIRES FROM
MAXI-CABLE
BLUE WIRES FROM
FD-401

ACORN CLAMP
UL LISTED
DIRECT BURIAL

5/8" DIA. x 8'-0" (MIN.) UL LISTED
COPPER CLAD GROUND ROD,
TOP TO BE 6" BELOW GRADE.

MAXI-CABLE
COLOR PER SPEC.

DECODER OUTPUT WIRES
WITH RAIN BIRD CONNECTORS

BLACK
ORANGE
RED
BROWN

FINISH GRADE

RAIN BIRD CONNECTORS

JUMBO VALVE BOX

BLACK WIRES FROM
MAXI-CABLE

RED WIRES FROM
MAXI-CABLE

BLUE WIRES FROM
FD-401

FD-401

BRONZE GATE VALVE

GREEN WIRES FROM
FD-401

FITTING AS REQUIRED

MAINLINE

3" GRAVEL
(IF SPECIFIED)

FITTING AS REQUIRED

(X) X 6" SCHEDULE 80
PVC TOE NIPPLE

FITTING AS REQUIRED

PVC PIPE

SOLENOID WIRES

ROTOR

(2) 14-1 PE WIRES PER SOLENOID

RAIN BIRD CONNECTORS

NOTES:

1. AT ALL SPLICE LOCATIONS, INCLUDING DECODERS AND SOLENOIDS, PROVIDE SUFFICIENT SLACK TO ALLOW THE SPLICE TO BE RAISED A MINIMUM OF 24" ABOVE GRADE FOR INSPECTION.
2. FD-401 HAS FOUR (4) DECODER ADDRESSES AND MAY OPERATE ONE (1) SOLENOID PER ADDRESS.
3. ANY OUTPUT WIRES FOR UNUSED ADDRESSES SHALL BE PLACED IN A RAIN BIRD CONNECTOR (ONE PER ADDRESS).
4. LOCATION OF DECODER IS FOR GRAPHICAL PURPOSES. LOCATION OF DECODER AND SPLICES SHALL BE POSITIONED CLOSE TO SPRINKLER CASE AT TIME OF INSTALLATION.

FD-401 FOUR-IN-ONE DECODER IN VALVE BOX

NOT TO SCALE

