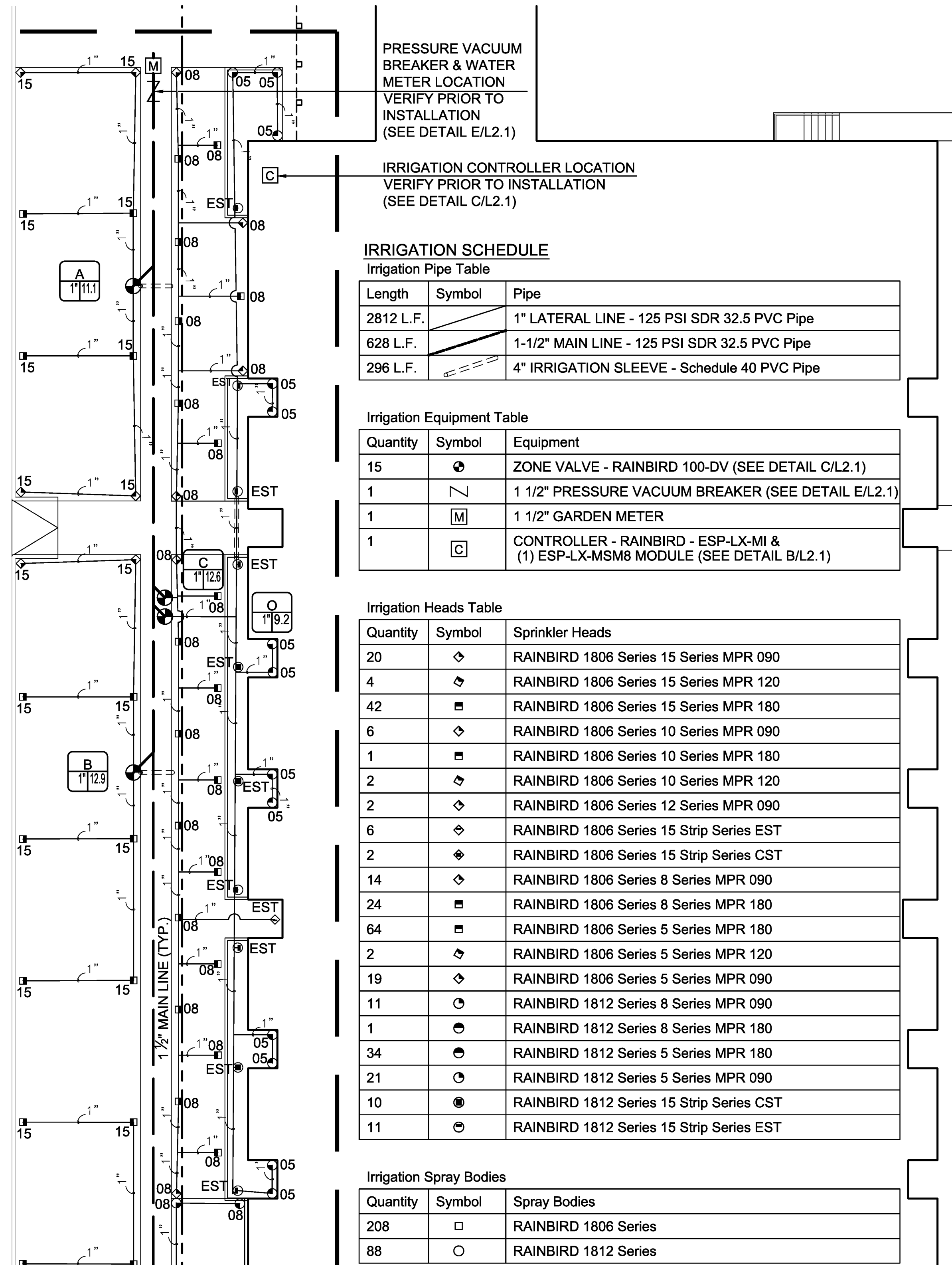


LIMIT OF WORK



PRESSURE VACUUM BREAKER & WATER METER LOCATION
VERIFY PRIOR TO INSTALLATION
(SEE DETAIL E/L2.1)

IRRIGATION CONTROLLER LOCATION
VERIFY PRIOR TO INSTALLATION
(SEE DETAIL C/L2.1)

IRRIGATION SCHEDULE

Irrigation Pipe Table

Length	Symbol	Pipe
2812 L.F.		1" LATERAL LINE - 125 PSI SDR 32.5 PVC Pipe
628 L.F.		1-1/2" MAIN LINE - 125 PSI SDR 32.5 PVC Pipe
296 L.F.		4" IRRIGATION SLEEVE - Schedule 40 PVC Pipe

Irrigation Equipment Table

Quantity	Symbol	Equipment
15	⊙	ZONE VALVE - RAINBIRD 100-DV (SEE DETAIL C/L2.1)
1	⊞	1 1/2" PRESSURE VACUUM BREAKER (SEE DETAIL E/L2.1)
1	M	1 1/2" GARDEN METER
1	C	CONTROLLER - RAINBIRD - ESP-LX-MI & (1) ESP-LX-MSM8 MODULE (SEE DETAIL B/L2.1)

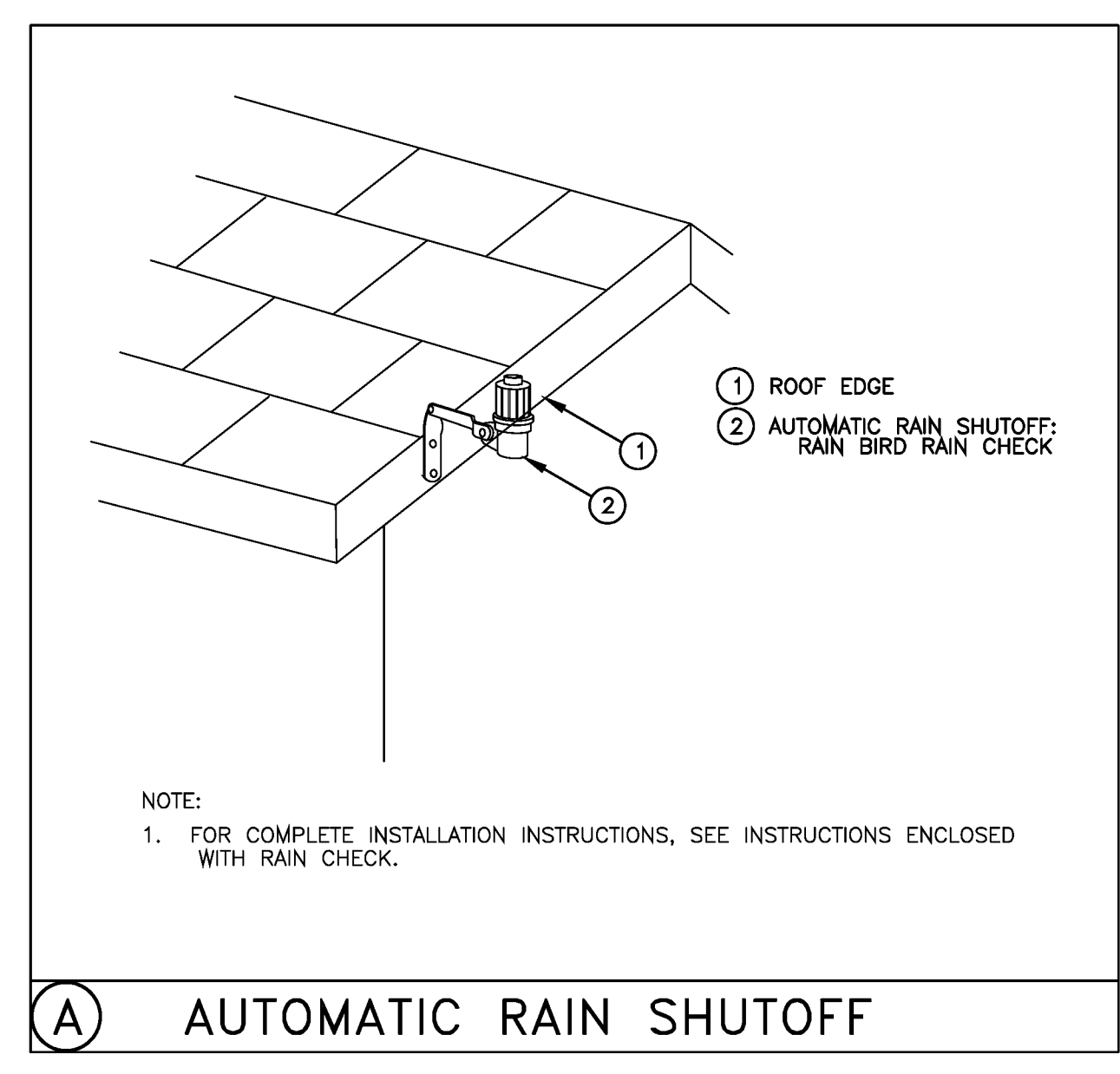
Irrigation Heads Table

Quantity	Symbol	Sprinkler Heads
20	⊕	RAINBIRD 1806 Series 15 Series MPR 090
4	⊕	RAINBIRD 1806 Series 15 Series MPR 120
42	⊕	RAINBIRD 1806 Series 15 Series MPR 180
6	⊕	RAINBIRD 1806 Series 10 Series MPR 090
1	⊕	RAINBIRD 1806 Series 10 Series MPR 180
2	⊕	RAINBIRD 1806 Series 10 Series MPR 120
2	⊕	RAINBIRD 1806 Series 12 Series MPR 090
6	⊕	RAINBIRD 1806 Series 15 Strip Series EST
2	⊕	RAINBIRD 1806 Series 15 Strip Series CST
14	⊕	RAINBIRD 1806 Series 8 Series MPR 090
24	⊕	RAINBIRD 1806 Series 8 Series MPR 180
64	⊕	RAINBIRD 1806 Series 5 Series MPR 180
2	⊕	RAINBIRD 1806 Series 5 Series MPR 120
19	⊕	RAINBIRD 1806 Series 5 Series MPR 090
11	⊕	RAINBIRD 1812 Series 8 Series MPR 090
1	⊕	RAINBIRD 1812 Series 8 Series MPR 180
34	⊕	RAINBIRD 1812 Series 5 Series MPR 180
21	⊕	RAINBIRD 1812 Series 5 Series MPR 090
10	⊕	RAINBIRD 1812 Series 15 Strip Series CST
11	⊕	RAINBIRD 1812 Series 15 Strip Series EST

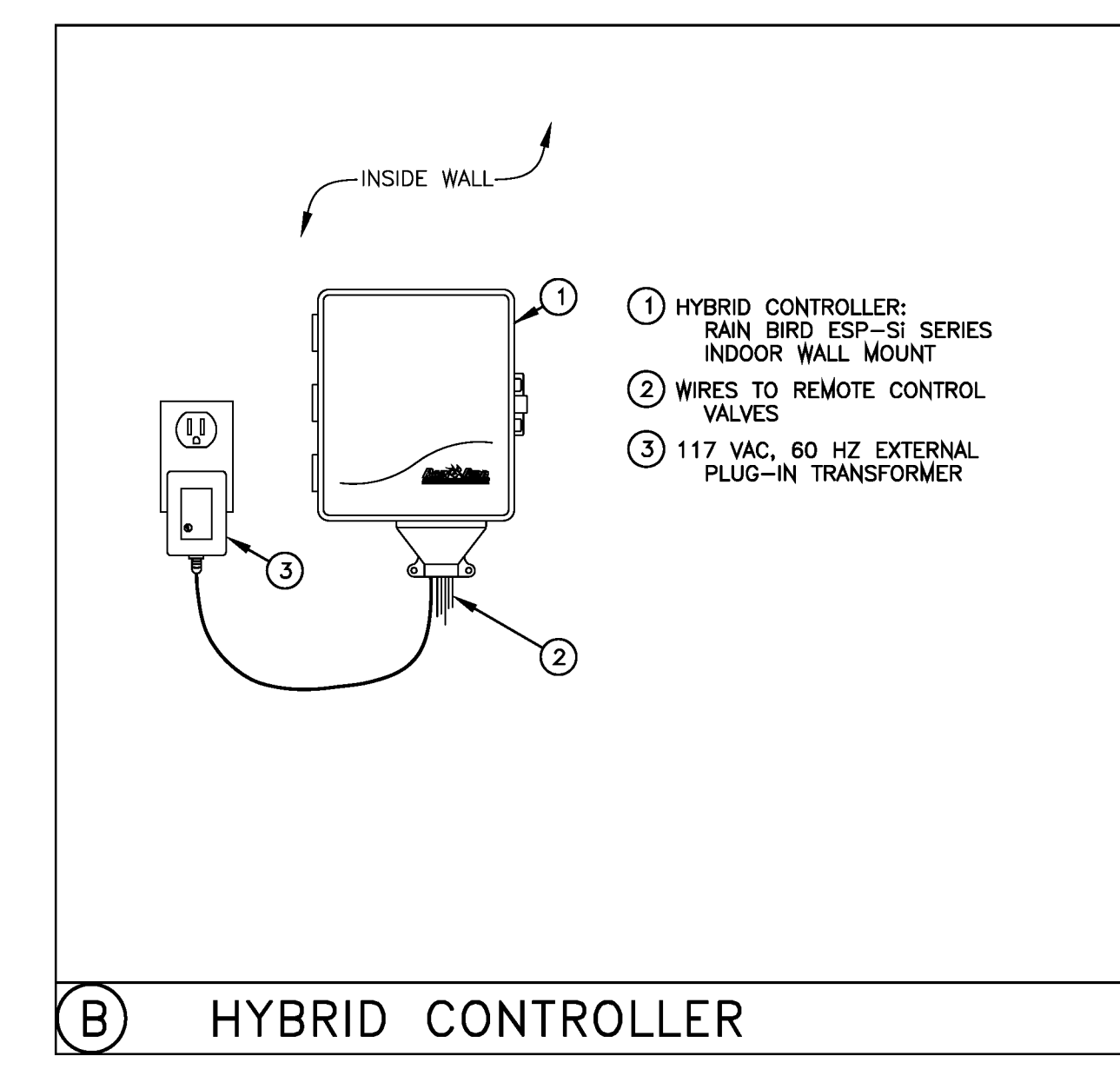
Irrigation Spray Bodies

Quantity	Symbol	Spray Bodies
208	□	RAINBIRD 1806 Series
88	○	RAINBIRD 1812 Series

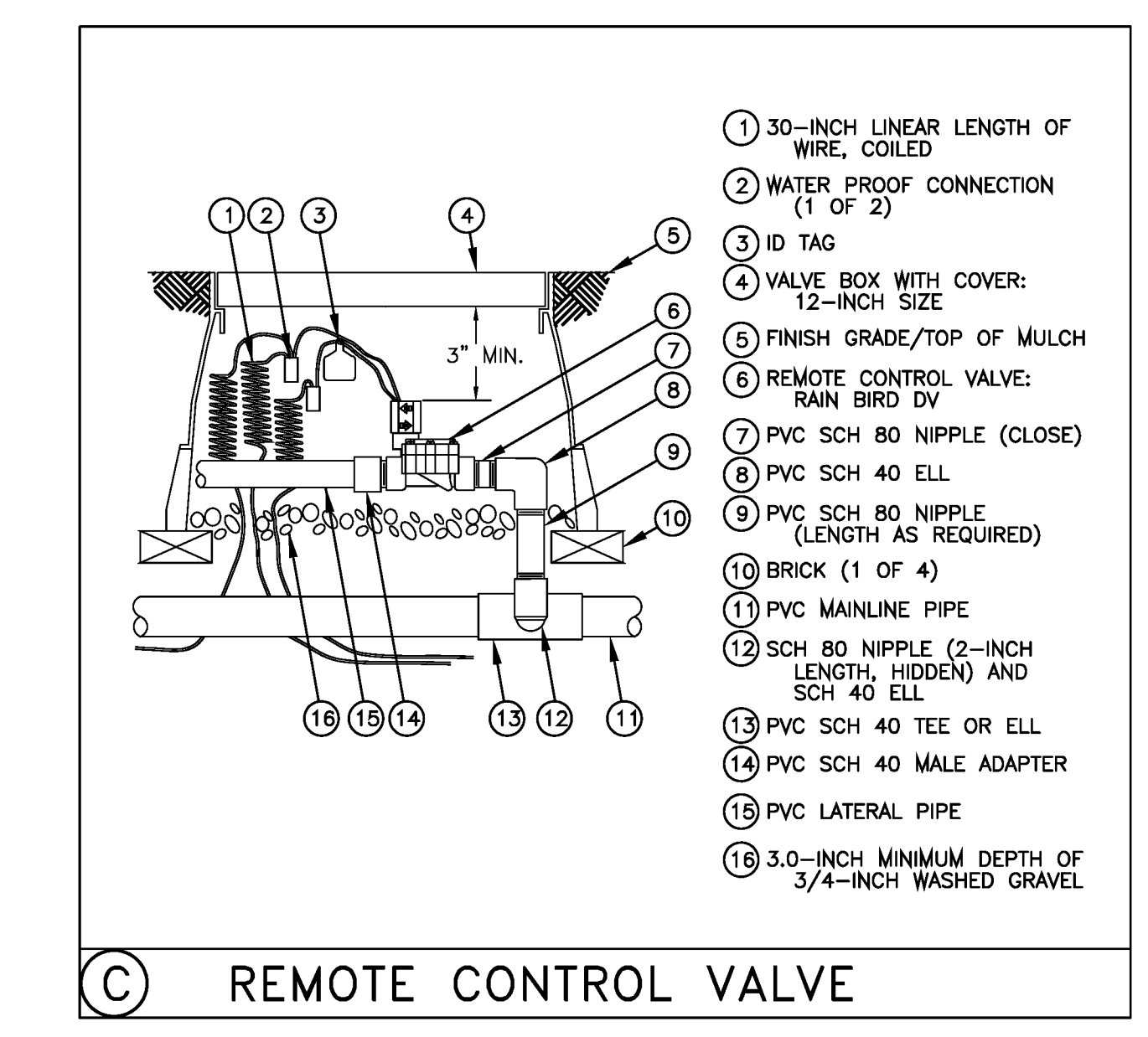
1 1/2" MAIN LINE TO BE LOCATED IN LANDSCAPE AREAS ONLY
SHOWN UNDER WALKWAY FOR PURPOSES OF CLARITY



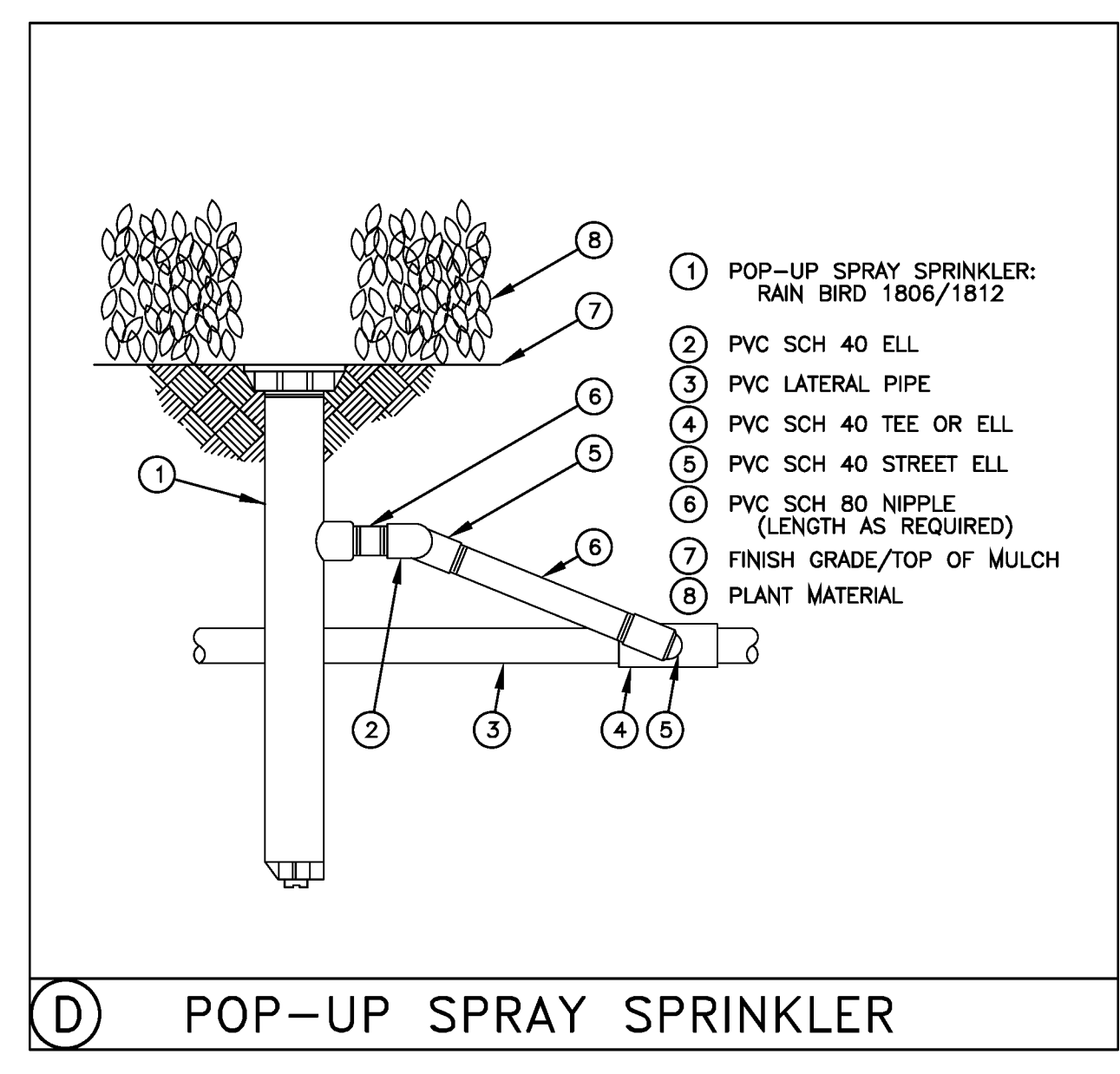
A AUTOMATIC RAIN SHUTOFF



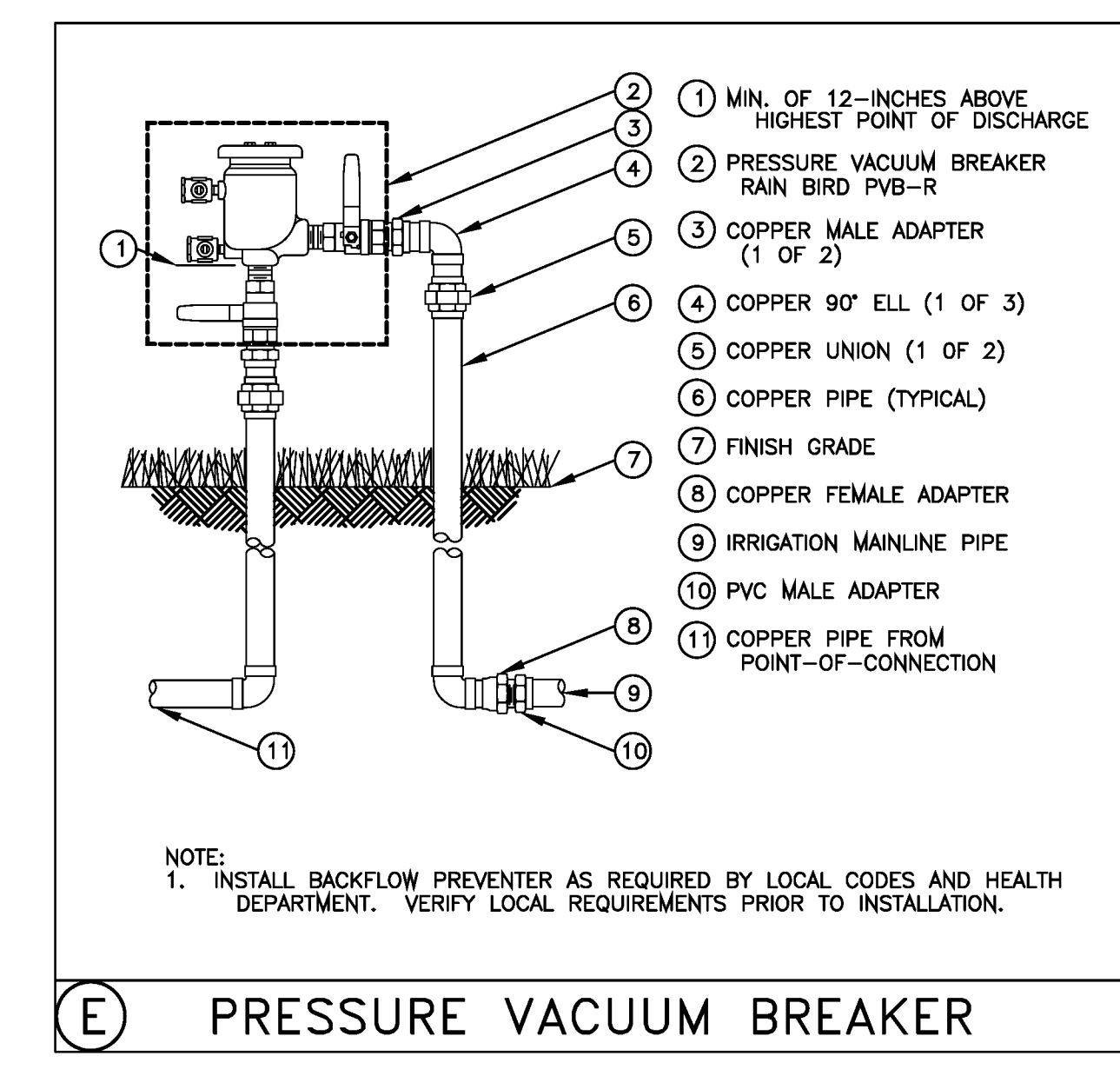
B HYBRID CONTROLLER



C REMOTE CONTROL VALVE



D POP-UP SPRAY SPRINKLER



E PRESSURE VACUUM BREAKER

IRRIGATION GENERAL NOTES:

- DRAWING IS DIAGRAMMATIC.
- THE CONTROLLER LOCATION SHALL BE DETERMINED BY THE OWNER AT THE TIME OF INSTALLATION.
- THE CONTRACTOR SHALL VERIFY ALL MATERIAL QUANTITIES PRIOR TO BIDDING.
- THE INSTALLING CONTRACTOR SHALL LOCATE ANY UNDERGROUND UTILITIES PRIOR TO ANY TRENCHING AND SHALL USE ALL NECESSARY PRECAUTIONS REQUIRED TO PREVENT DAMAGING ANY UNDERGROUND UTILITIES.
- THE INSTALLING CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF SLEEVES AND CONDUIT ON SITE.
- ALL CONTROL WIRING SHALL BE UL/UF 14 GA. FOR DIRECT BURIAL. ALL SPLICES SHALL BE MADE IN VALVE OR SPLICE BOXES ONLY, USING WATERPROOF CONNECTORS.
- THE CONTRACTOR SHALL REFER TO THE LANDSCAPE DRAWINGS FOR TREE AND LARGE SHRUB LOCATIONS.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS PRIOR TO COMMENCEMENT OF WORK.
- ALL IRRIGATION INSTALLATION SHALL CONFIRM TO LOCAL CODES AND REGULATIONS; THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL APPLICABLE FEES AND PERMITS.
- IRRIGATION LINES AND EQUIPMENT SHOWN OUTSIDE THE PROPERTY LINES, LANDSCAPE AREAS, AND/OR SLEEVES IS DONE SO FOR CLARITY ONLY.
- THE IRRIGATION SYSTEM MAXIMUM DEMAND IS 14.94 GPM @ 30 PSI. THE INSTALLING CONTRACTOR IS TO VERIFY THE STATIC PRESSURE AT THE TIME THE SYSTEM IS TO OPERATE. IF THE STATIC PRESSURE IS FOUND TO BE BELOW THE SPECIFIED LIMITS A CENTRIFUGAL PUMP MAY HAVE TO BE INSTALLED TO BRING THE OPERATING PRESSURE UP.
- ALL ROTOR AND SPRAY HEADS ARE TO BE INSTALLED USING SWING PIPE AND SWING FITTINGS.
- SPRAY HEADS IN TURF AREAS ARE TO BE 6" POP-UPS, SPRAY HEADS LOCATED IN SHRUB BEDS ARE TO BE 6" OR 12" POP-UPS DEPENDING ON THE PLANT HEIGHTS IN THAT AREA.
- ALL VALVES ARE TO BE INSTALLED IN APPROPRIATELY SIZED PLASTIC VALVE BOXES. THE BOX IS TO BE MARKED WITH ITS CORRESPONDING STATION NUMBER.
- ALL SLEEVES ARE TO BE SCH. 40 PVC PIPE AND ARE TO BE A MIN. 2x THE DIAMETER OF THE PIPE THAT THEY ENSLEEVE.
- THE BACK FLOW PREVENTER IS TO BE INSTALLED AS PER LOCAL CODES AND REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL MATERIAL QUANTITIES.

FIELD ADJUSTMENTS MAY BE REQUIRED DUE TO FUTURE CHANGES TO PARKING AREA

PARKING

4" IRRIGATION SLEEVE (TYP.)
SCH. 40 P.V.C.

1 1/2" MAIN LINE TO BE LOCATED IN LANDSCAPE AREAS ONLY
SHOWN UNDER WALKWAY FOR PURPOSES OF CLARITY



\$ (gender, *chngmnts, *M, *chngmnt, *chngmnts)
 \$ (edits, OLD, NEW, Y, - H, M, mm, /mm)

Eskew+Dumez+Ripple
 ARCHITECTURE
 ENVIRONMENTS
 URBAN DESIGN

TRANSFIGURATION OF THE LORD
 CHURCH RENOVATIONS
 2212 PRENTISS AVENUE
 NEW ORLEANS, LOUISIANA 70122

Date: 7 JULY 2010



E+D+R No. 09007
 Drawn By: TWS
 Drawing Title:
 IRRIGATION PLAN

Sheet No:

L2.1