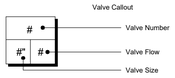
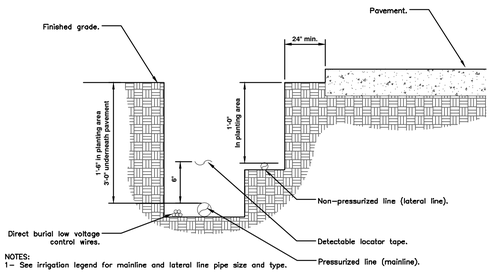
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
2Q 2H 2TQ 2F 4Q 4H 4TQ 4F	RAIN BIRD 1806-SAM SQ SERIES TURF SPRAY 6.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	3	30
Q H F	RAIN BIRD 1806-SAM 5 SERIES MPR TURF SPRAY 6.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	4	30
Q T H F	RAIN BIRD 1806-SAM 8 SERIES MPR TURF SPRAY 6.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	39	30
Q T H F	RAIN BIRD 1806-SAM 10 SERIES MPR TURF SPRAY 6.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	23	30
Q T H TQ F	RAIN BIRD 1806-SAM 12 SERIES MPR TURF SPRAY 6.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	13	30
Q T H TQ F	RAIN BIRD 1806-SAM 15 SERIES MPR TURF SPRAY 6.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	7	30
4 6 8 10 12 15 18	RAIN BIRD 1806-SAM ADJ TURF SPRAY 6.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	54	30
Q H F	RAIN BIRD 1812-SAM 5 SERIES MPR SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	8	30
Q T H F	RAIN BIRD 1812-SAM 8 SERIES MPR SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	17	30
Q T H F	RAIN BIRD 1812-SAM 10 SERIES MPR SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	2	30
4 6 8 10 12 15 18	RAIN BIRD 1812-SAM ADJ SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE.	16	30
2Q 2H 2TQ 2F 4Q 4H 4TQ 4F	RAIN BIRD 1806-SAM SQ SERIES SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET ON FIXED RISER. WITH SEAL-A-MATIC CHECK VALVE.	14	30
Q H F	RAIN BIRD 1806-SAM 5 SERIES MPR SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET ON FIXED RISER. WITH SEAL-A-MATIC CHECK VALVE.	31	30
Q T H F	RAIN BIRD 1806-SAM 8 SERIES MPR SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET ON FIXED RISER. WITH SEAL-A-MATIC CHECK VALVE.	6	30
4 6 8 10 12 15 18	RAIN BIRD 1806-SAM ADJ SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET ON FIXED RISER. WITH SEAL-A-MATIC CHECK VALVE.	14	30
2Q 2H 2TQ 2F 4Q 4H 4TQ 4F	RAIN BIRD 1806-SAM SQ SERIES SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	5	30
EST LCS RCS CST SST	RAIN BIRD 1806-SAM-PRS 15 STRIP SERIES SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	51	30
1401 1402 1404	RAIN BIRD 1800-1400 FLOOD FIXED FLOW RATE 0.25 GPM - 2.0 GPM, FULL CIRCLE BUBBLER, 1/2IN. FIPT.	79	20
CST Q H F	RAIN BIRD 1806-SAM-PRS-5 SERIES STREAM STREAM BUBBLER 6.0IN. POPUP WITH CHECK VALVE AND PRESSURE REGULATOR.	9	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	RAIN BIRD PEB-PRS-D 1IN., 1-1/2IN., 2IN. PLASTIC INDUSTRIAL REMOTE CONTROL VALVE. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION. WITH PRESSURE REGULATOR MODULE.	11	
BF	FEBCO 825Y 2" REDUCED PRESSURE BACKFLOW PREVENTER	1	
C	RAIN BIRD ESPLXME2 12 STATION TRADITIONALLY-WIRED, COMMERCIAL CONTROLLER. INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE.	1	
RS	RAIN BIRD RSD-BEX RAIN SENSOR, WITH METAL LATCHING BRACKET, EXTENSION WIRE.	1	
M	WATER METER 2" 2" CITY POTABLE WATER METER	1	
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	5,186 LF	
	IRRIGATION MAINLINE: PVC SCHEDULE 40	804.2 LF	
	PIPE SLEEVE: PVC CLASS 200 SDR 21	242.2 LF	

Valve Callout





NOTES:
1- See irrigation legend for mainline and lateral line pipe size and type.
2- Direct burial control wires shall be installed in Sch. 40 PVC electrical conduit if required.
3- 2-wire irrigation wire shall be installed in Sch. 40 PVC electrical conduit.
4- Detectable locator tape shall be located six inches (6") above the entire mainline run.

1 IRRIGATION TRENCHING
1 1/2" = 1'-0"

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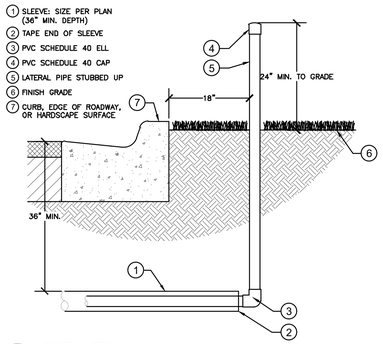
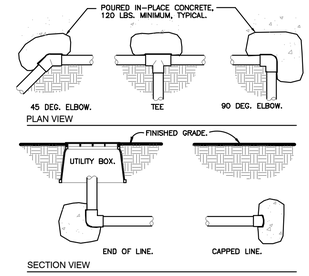
FX-IR-FX-AUXEQ-08



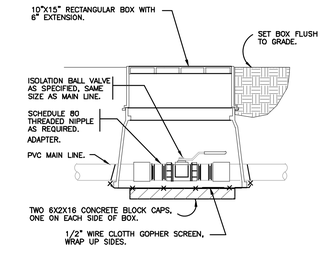
2 PIPE SLEEVING
1" = 1'-0"

328409.76-32



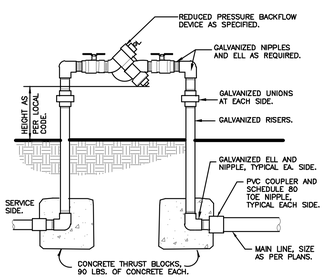
3 THRUST BLOCKING
3/4" = 1'-0"

FX-IR-FX-AUXEQ-11



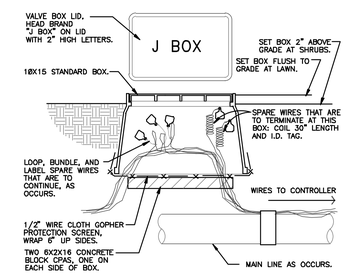
4 BRASS BALL ISOLATION VALVE
1 1/2" = 1'-0"

FX-IR-FX-ISOV-02



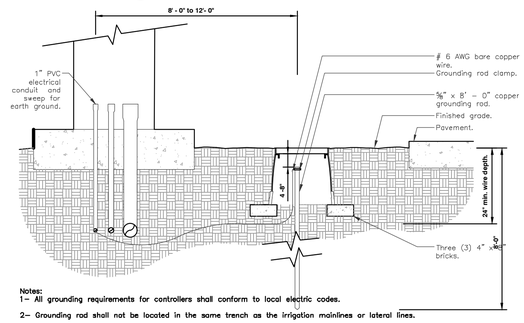
5 REDUCED PRESSURE BACKFLOW DEVICE
1" = 1'-0"

FX-IR-FX-BACK-03



6 WIRE BUNDLE JUNCTION BOX
1 1/2" = 1'-0"

FX-IR-FX-AUXEQ-16



Notes:
1- All grounding requirements for controllers shall conform to local electric codes.
2- Grounding rod shall not be located in the same trench as the irrigation mainlines or lateral lines.
3- Valve box shall be wrapped with a minimum 3 mil thick plastic and secured to the valve box using duct tape or electrical tape.
4- Install grounding rod per the controller manufacturer's specifications and recommendations.

7 GROUNDING ROD
1 1/2" = 1'-0"

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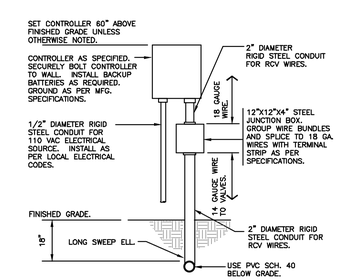
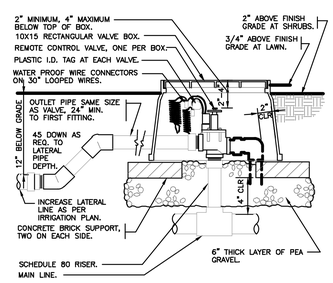
FX-IR-FX-AUXEQ-01



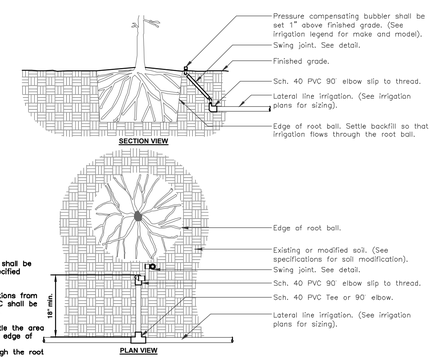
8 WALL MOUNT CONTROLLER
1" = 1'-0"

FX-IR-FX-CONT-08



9 ELECTRIC REMOTE CONTROL VALVE
1 1/2" = 1'-0"

FX-IR-FX-RCV-04



Notes:
1- All irrigation fittings shall be Sch. 40 PVC unless specified otherwise.
2- All threaded connections from Sch. 40 to Sch. 80 PVC shall be made using teflon tape.
3- Contractor shall settle the area around the bubbler and edge of the root ball so that all irrigation flows through the root ball.

10 IRRIGATION BUBBLER W/ LAYOUT
3/4" = 1'-0"

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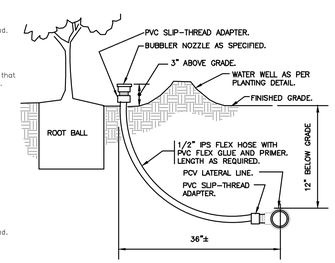
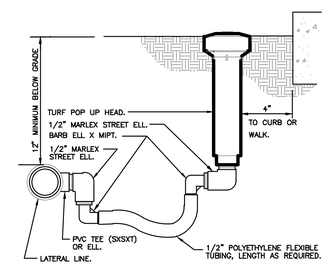
FX-IR-FX-BUBB-04



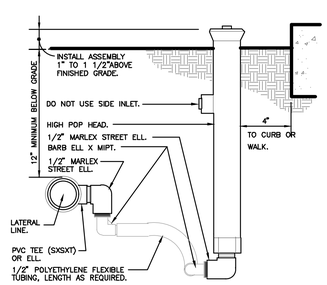
11 BUBBLER ON FLEX HOSE RISER
3" = 1'-0"

FX-IR-FX-HEAD-13



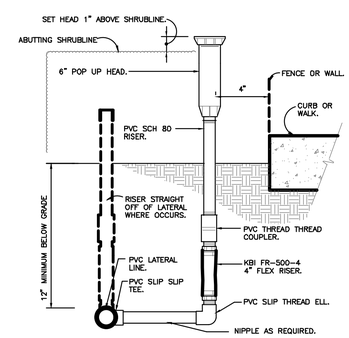
12 TURF SPRAY FLEX ASSEMBLY
3" = 1'-0"

FX-IR-FX-HEAD-05



13 SHRUB SPRAY HIGHPOP W/FLEX ASSEMBLY
3" = 1'-0"

FX-IR-FX-HEAD-09



14 SHRUB POP-UP SPRAY ON FIXED RISER
3" = 1'-0"

DETAIL-FILE

AAL
Architectural Alliance Landscape
612 SW 4th Ave., Fort Lauderdale, FL 33315 LC0000237
TEL: 954-764-8858 EMAIL: BEluell@arcbell.net
JAMES BRADFORD ELUELL REGISTERED LANDSCAPE ARCHITECT LA 0001777 STATE OF FLORIDA

Revision Dates

SUBMITTAL SET
POMPANO BEACH MARINA
701 SOUTH FEDERAL HIGHWAY
POMPANO BEACH, FLORIDA 33062

Sheet Description
IRRIGATION SCHEDULE & DETAILS

Release Date
06-27-2025

Project Number
2453

Drawing Number
L-310

Sheet 2 OF 3

DRC
PZ24-12000020
07/15/2026