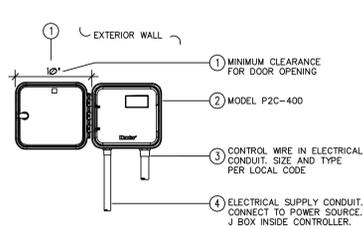
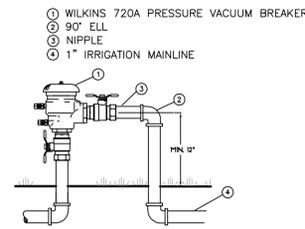


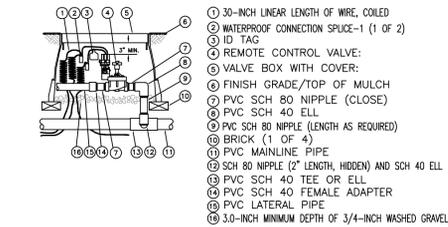
IRRIGATION DETAILS



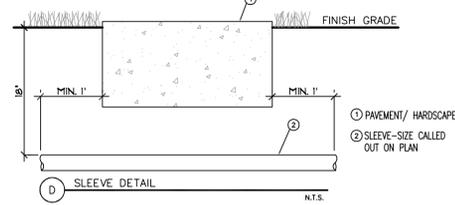
A HUNTER P2C CONTROLLER N.T.S.



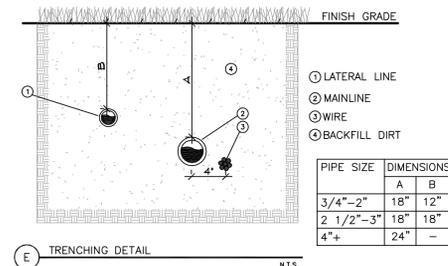
B PRESSURE VACUUM BREAKER N.T.S.



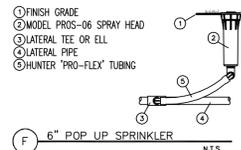
C REMOTE CONTROL VALVE N.T.S.



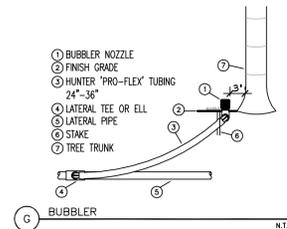
D SLEEVE DETAIL N.T.S.



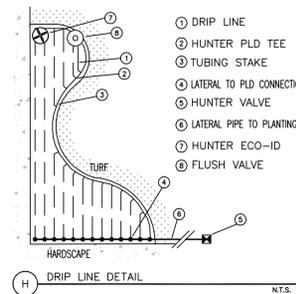
E TRENCHING DETAIL N.T.S.



F 6" POP UP SPRINKLER N.T.S.



G BUBBLER N.T.S.



H DRIP LINE DETAIL N.T.S.

IRRIGATION NOTES

IRRIGATION TO BE INSTALLED ACCORDING TO LOCAL CODES. IRRIGATION PLAN IS TO BE USED AS A GENERAL GUIDE. IT IS UP TO THE CONTRACTOR TO MAKE ADJUSTMENTS WHEN THERE IS AN UNFORESEEN OBSTRUCTION.

WATER SOURCE TO BE FROM PROPOSED 1" WATER METER, TAP INTO BUILDING SERVICE LINE AND ADD BACKFLOW. PROJECT SITE TO INCLUDE ROOF TOP PLANTERS. COORDINATE WITH BUILDER ON SLEEVE LOCATIONS WITHIN WALLS TO RUN A 3/8" COPPER LINE TO ROOF TOP PLANTERS. ENSURE VERTICAL SLEEVE LOCATIONS COME OUT INTO GREENSPACE AREAS FOR FUTURE MAINTENANCE NEEDS.

ALL PIPING IS DESIGNED TO HAVE WATER FLOW VELOCITIES OF 5'/SECOND OR LESS IN ORDER TO LIMIT FRICTION LOSS WITHIN THE SYSTEM. MAINLINE PIPE TO BE SCHEDULE 40, AND ALL LATERAL LINE PIPE IS TO BE CLASS 200. ALL PIPE IS TO BE BURIED TO APPROPRIATE LEVELS FOUND ON DETAIL "E". FITTINGS ARE TO BE SCH. 40 PVC. WHEN APPLICABLE, KEEP ALL PIPE AWAY FROM PROPOSED TREES AND SHRUB BEDS.

PIPE THAT IS LOCATED UNDER HARDSCAPE SHALL BE INSTALLED WITHIN A SCHEDULE 40 SLEEVE THAT IS TWO SIZES LARGER. SLEEVE IS TO BE A MINIMUM OF 24" DEEP AND EXTEND A MINIMUM OF 1' PAST THE HARDSCAPE.

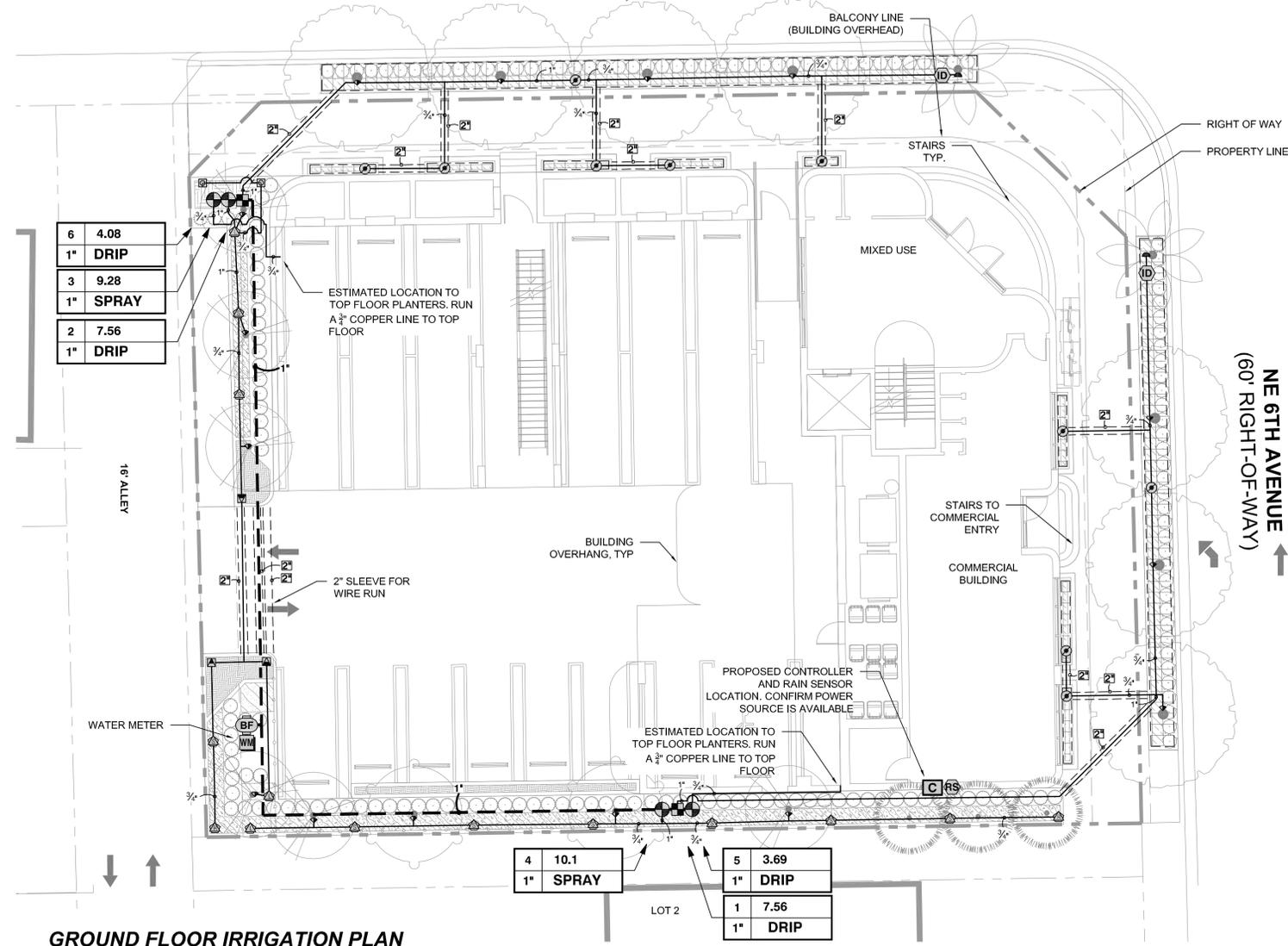
ZONE VALVES ARE TO BE PLACED WITHIN A VALVE BOX WITH GRAVEL AT THE BOTTOM (DETAIL "C"). WHEN MULTIPLE VALVE BOXES ARE GROUPED TOGETHER, THEY SHOULD BE IN THE SAME ORIENTATION AND EVENLY ALIGNED. PLACE VALVE BOXES LEVEL TO THE GROUND AND IN MULCHED AREAS WHEN POSSIBLE.

ALL SPRAY EMITTERS SHALL BE PLACED TO AVOID OVER SPRAYING ONTO WALLS, ROADS, SIDEWALKS, OR OTHER STRUCTURES. SPRAY HEADS TO BE A MINIMUM OF 4" OFF PAVED AREAS, AND 12" OFF WALLS. ANY PVC PIPE ABOVE GROUND TO BE PAINTED BLACK OR DARK GREEN. DESIGN IS BASED ON 100% HEAD TO HEAD COVERAGE AND THE CONTRACTOR IS RESPONSIBLE TO ENSURE PROPER COVERAGE OCCURS.

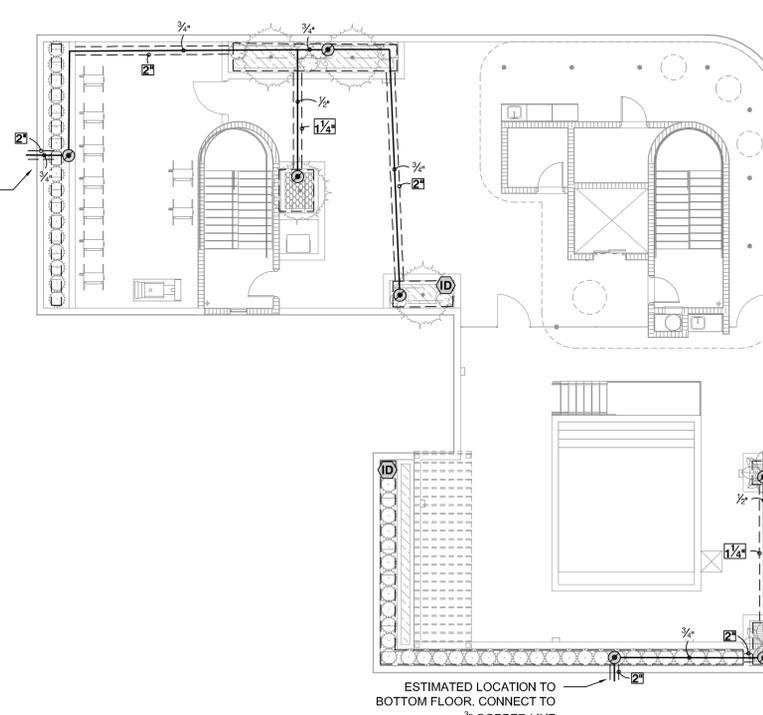
BUBBLERS ARE TO BE USED ON TREES AND PALMS. ALL FUNNY PIPE SHALL BE BURIED BELOW GRADE LEVEL AND STAKED JUST BELOW THE BUBBLER TO AVOID TRIPPING HAZARDS. ENSURE THAT ALL NEWLY PLANTED TREES WITH BUBBLERS HAVE A 4" HEIGHT SOIL BERM TO AVOID RUNOFF WATER.

DRIP IRRIGATION TO BE USED FOR SMALL PLANTING AREAS. STAKE DOWN AS NEEDED. USE DRIP ZONE KIT FOR GROUND LEVEL ZONES. USE HUNTER HY-100 FILTER ON ROOF TOP PLANTER ZONES. ADD DRAIN VALVE AND ECO-ID AT END OF DRILINE.

NE 4TH STREET
(65' RIGHT-OF-WAY)



GROUND FLOOR IRRIGATION PLAN



ROOF TOP IRRIGATION PLAN

IRRIGATION SPECIFICATIONS

SYMBOL	MANUFACTURER/MODEL	QTY
	Hunter PROS-00 Strip Series	14
	Hunter PROS-12 Strip Series	3
	Hunter PROS-12 8 Series	2
	Hunter PCN Bubbler	17
	Hunter PCZ-101-40 1" Drip Control Valve Kit. 1in. PGV globe valve with 1in. HY100 filter system. Pressure Regulation: 40psi.	2
	Pipe Transition Point above grade. Pipe transition point from PVC lateral to drip tubing with riser to above grade installation.	17
	Hunter ECO-ID ECO-ID: 1/2" FPT connection with 12-60 PSI operating pressure.	4
	Area to Receive Dripline: Hunter HDL-09-12-PC Hunter Dripline with 0.9 GPH flow. Emitters at 12" O.C. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern. Install with Hunter PLD barbed or PLD-LOC fittings.	895 s.f.
	Hunter PGV-100G 1"	4
	Zurn 720A 1" Backflow	1
	Hunter P2C-400 Controller w/ (1) PCM 300 Module	1
	Hunter WR-CLIK Rain Sensor	1
	Water Meter 1"	1
	Irrigation Lateral Line: PVC Class 200 SDR 21	-
	Irrigation Mainline: PVC Schedule 40 1"	140 l.f.
	Pipe Sleeve: PVC Schedule 40 1 1/4"	27 l.f.
	Pipe Sleeve: PVC Schedule 40 2"	205 l.f.



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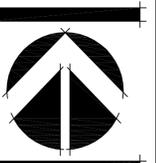
398 NE 6TH AVENUE

DELRAY BEACH, FLORIDA

IRRIGATION PLAN, DETAILS, NOTES, AND SPECIFICATIONS

DATE: 9/16/2024
DRAWN BY: TP
JOB NO.: 24-089
SCALE: 1" = 10'-0"
FILENAME: 398 NE 6 Ave Irr.

REVISIONS:
9/21/2024
3/28/2025



SHEET:

70-1