

#### GENERAL NOTES:

- ALL VALVES SHALL BE PLACED IN A VALVE BOX.
- WHEN APPLICABLE, KEEP ALL MAIN LATERAL LINES OUT OF SHRUB BEDS AND AWAY FROM TREES.
- BACKFILL ALL TRENCHES FREE OF DEBRIS, COMPACT TO ORIGINAL DENSITY, FLUSH ALL LINES, USE SCREENS IN ALL HEADS AND ADJUST HEADS FOR PROPER COVERAGE AVOIDING EXCESS WATER ON WALLS, WALKS, ETC.
- ALL DETAILS ARE GRAPHICALLY SHOWN ONLY. ALL QUANTITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INSTALLATION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASSURE COMPLETE OVERLAPPING COVERAGE. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER AND LANDSCAPE ARCHITECT BEFORE PROCEEDING.
- CODES AND LOCAL REGULATIONS SHALL TAKE PRECEDENCE OVER THESE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY.
- THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO MAKE MINOR FIELD CHANGES, THE CONTRACTOR MAY FIELD ADJUST SPRAY NOZZLE SELECTION TO PROVIDE 100% MINIMUM COVERAGE.
- CONTRACTOR SHALL PROVIDE THE OWNER WITH AN ACCURATE AS-INSTALLED PLAN(S) AT COMPLETION SHOWING MAIN LINES, WIRING, VALVES CROSSINGS, ETC. USING DIMENSIONS FROM FIXED DATUMS.
- CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- ALL HEADS SHALL BE A MINIMUM OF 6" FROM THE EDGE OF DRIVING SURFACES, WALKWAYS, OR BUILDINGS.
- ALL EXPOSED STAND PIPES SHALL BE PAINTED DARK GREEN OR BLACK.

BACK FLOW VALVE:  
A. BACK FLOW VALVE SHALL BE TYPE AS SPECIFIED BY LOCAL CODE, AND INSTALLED PER LOCAL CODE.

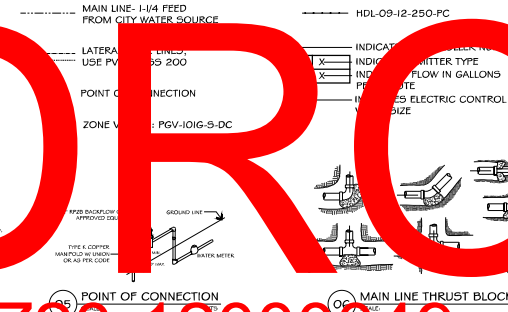
#### IRRIGATION NOTES:

- PIPING:
- MAIN LINES: PVC SDR 26, CLASS 160 SOLVENT WELD.
  - ZONE LINES: PVC, SCHEDULE 40, ALL SOLVENT WELD.
  - SLEEVES & SUCTION LINES: PVC, SCHEDULE 40.
  - FABRICATION: TO MANUFACTURER SPECIFICATIONS. USE BLUE OR GRAY PVC CEMENT, SQUARE CUT, CLEAN AND PRIME ALL JOINTS.
  - ALLOW ALL MAIN LINES TO CURE FOR 24 HOURS BEFORE PRESSURING.
  - ALL PIPE, FITTINGS AND SOLVENTS CONFORM TO LATEST ASTM SPECS.
- DEPTH OF LINES:
- MAIN LINE & WIRING = 18 IN. DEPTH, MIN.
  - SLEEVING UNDER PAVEMENT = 24 IN. DEPTH, MIN.
  - SUCTION LINE = 24 IN. DEPTH, NOMINAL
  - ZONE LINES 1 1/2 IN. AND SMALLER = 10 IN. DEPTH, MIN.
- CONTROL WIRES:
- AWG 14 FOR ALL HOT WIRES AND AWG 12 FOR COMMON.
  - SOLID COPPER TYPE UF UL LISTED FOR DIRECT BURIAL.
  - RUN WIRES UNDER THE MAIN LINE AND TAPE EVERY 20 FEET.
  - SPLICE WIRES ONLY IN A VALVE BOX. ALL SPLICES SHALL BE MOISTURE PROOF USING SNAP TIE OR DBY UL CONNECTORS.
  - COMMON SHALL BE WHITE, HOT SHALL BE RED OR COLOR CODED.
  - SPLICE SHALL BE BLACK. RUN IN CONDUIT WHERE NO MAIN LINE RUNS.
- RAIN SENSOR:
- RAIN SENSOR SHALL BE TYPE AS SPECIFIED BY LOCAL CODE, AND INSTALLED PER LOCAL CODE.

#### NOZZLE SCHEDULE

QTY.	MANUFACTURER	NOZZLE SYMBOL	SPRAY TYPE	NOZZLE	RADIUS	FLOW	PSI
2	HUNTER		PROS-OG	6A-90	6"	0.40	40
13	HUNTER		PROS-OG	6A-180	6"	0.68	40
5	HUNTER		PROS-OG	8A-90	9"	0.50	40
19	HUNTER		PROS-OG	8A-180	9"	1.00	40
7	HUNTER		PROS-OG	S5-530	5'X30"	1.50	40
31	HUNTER		N/A	PCB-10	N/A	1.00	40
5	HUNTER		PROS-OG	MP1000-90	14"	0.21	40
15	HUNTER		PROS-OG	MP1000-180	14"	0.42	40
8	HUNTER		PROS-OG	MP2000-180	19"	0.77	40

#### IRRIGATION LEGEND:



4 OR 6" POP-UP SPRAY / BUBBLER DETAIL

POINT OF CONNECTION

MAIN LINE THRUST BLOCKS

SHRUB RISER SPRAY DETAIL

ZONE VALVE DETAIL

POP-UP BODY (PROS-04) WITH FLEX TUBING

NEW DUMPSTER 6X10 CONTAINER

VEHICLE LIFT

EXISTING CONCRETE

NEW CONCRETE

MAIN LINES

LAWN

CONC. WALK

EXISTING TWO STORY BUILDING #1 (8,000 SF.)

NEW TWO STORY BUILDING #3 (6,672 SF. TOTAL INDOOR VEHICLE DISPLAY AREA)

MODIFIED ONE STORY BUILDING #2 (3,505 SF.)

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