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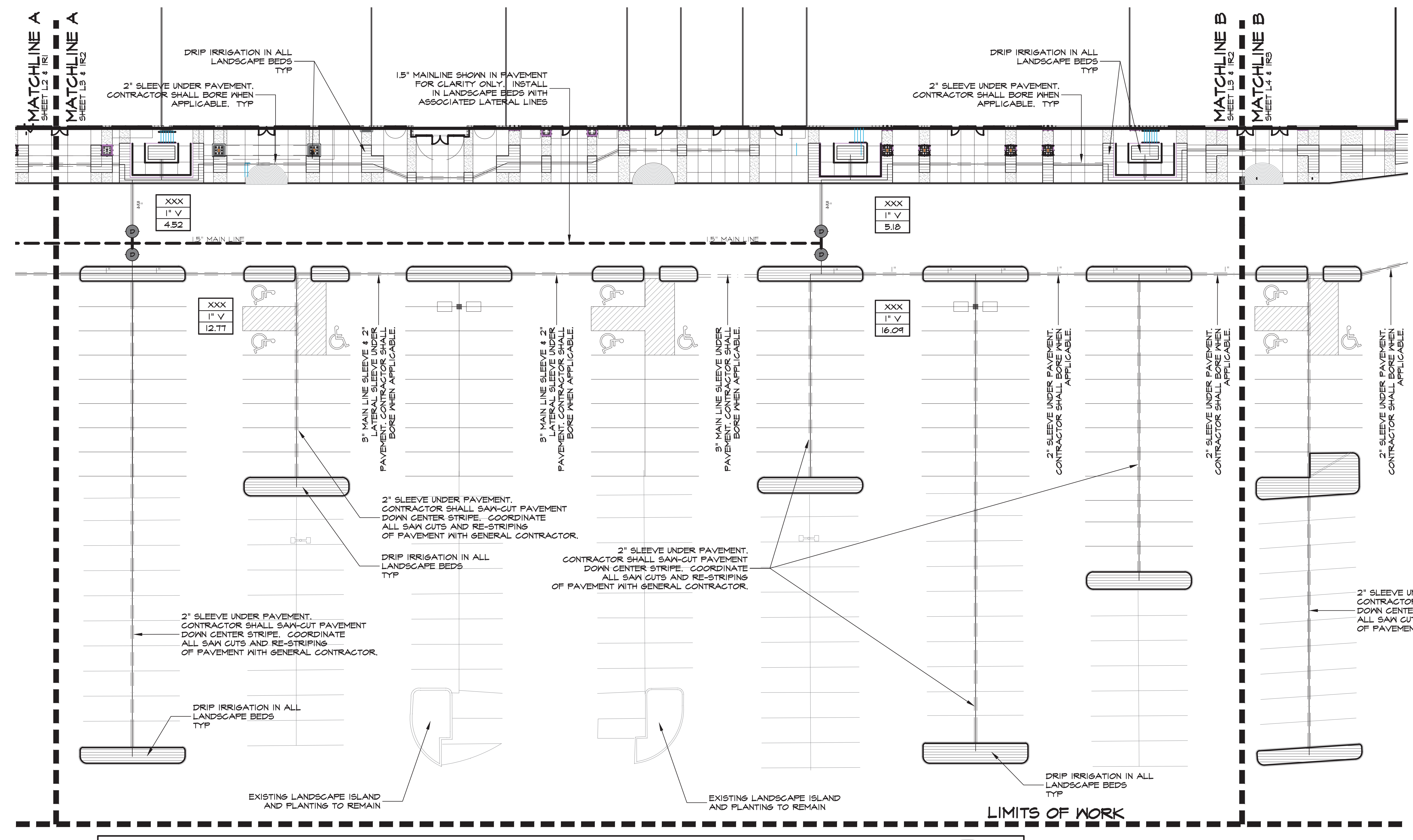
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CROSSROADS MALL
RENOVATION
6534 WESSLEY STREET
GREENVILLE, TEXAS 75001

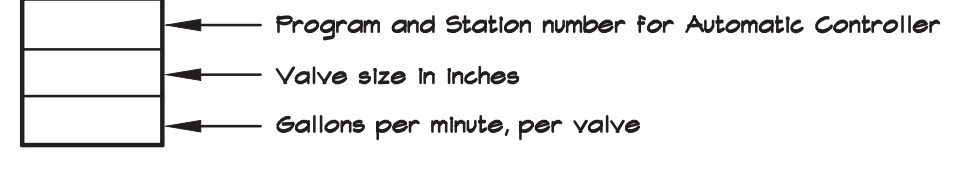
Crossroads
GREENVILLE PROPERTIES LTD.
10850 WILCHIRE BLVD.
SUITE 1050
LOS ANGELES, CA 90024

DATE: June 16, 2011
PROJECT NO.: 809501
DRAWN BY:
CHECKED BY:



IRRIGATION LEGEND AND SCHEDULE

SYM	DESCRIPTION	MANUFACTURER	MODEL	SIZE / NOZZLE	NOTES
☐	AUTOMATIC CONTROLLER	EXISTING	EXISTING VERIFY LOCATION	N/A	INSTALL EXPANSION PACK AS NECESSARY TO ACCOMMODATE PROPOSED ZONES.
⊕	DRIP IRRIGATION CONTROL VALVE	HUNTER	ICZ	1"	INSTALL PER DETAIL IN 10" ROUND BOX w/ BOLT DOWN LID. ROUT AND PAINT VALVE NUMBER ON LID.
⊖	DRIP IRRIGATION	HUNTER	PLD-06-18	N/A	INSTALL PER DETAIL w/ 30 PSI AT OUTFLOW OF DRIP ZONE VALVE.
M	EXISTING WATER METER	----	PER CITY	Refer to Plan for Size	INSTALLED BY GENERAL CONTRACTOR
⊕	DOUBLE CHECK VALVE	Febeo	850-BV Series	Line Size	FURNISH AND INSTALL PER LOCAL CODE BY LICENSED IRRIGATION CONTRACTOR.
I	ISOLATION VALVE	Nbco	4T-1B	Line Size	INSTALL PER DETAIL IN 12"x11" RECTANGULAR BOX w/ BOLT DOWN LID. ROUT AND PAIN VALVE NUMBER ON LID.
Y	WYE STRAINER	Febeo	4650	Line Size	INSTALL PER DETAIL IN 12"x11" RECTANGULAR BOX w/ BOLT DOWN LID. ROUT AND PAIN VALVE NUMBER ON LID.
M	MASTER VALVE	Hunter	PSV-PS	Line Size	INSTALL PER DETAIL IN 12"x11" RECTANGULAR BOX w/ BOLT DOWN LID. ROUT AND PAIN VALVE NUMBER ON LID.
---	IRRIGATION SLEEVE	----	SCH. 40 w/ 1/2" SA. FULL WIRE IN SLEEVE	Refer to Plan for Size	DRIVEN/RY SLEEVES INSTALLED BY GENERAL CONTRACTOR. SIDEWALK SLEEVES INSTALLED BY IRRIGATION CONTRACTOR.
---	IRRIGATION MAIN LINE	----	CLASS 200	Refer to Plan for Size	18" INSTALLATION DEPTH
---	IRRIGATION LATERAL LINE	----	CLASS 200	Refer to Plan for Size	12" INSTALLATION DEPTH



SITE SPECIFIC NOTES:

- VALVES & PIPING SHOWN IN PAVING FOR CLARITY ONLY. INSTALL IN ADJACENT LANDSCAPE AREA.
- ALL LATERAL LINES ARE 3/4" CLASS 200 PVC UNLESS OTHERWISE NOTED ON PLAN.
- SLEEVES INTENDED FOR LATERAL LINES ARE TO BE ONE-TWO INCH SLEEVE AND ARE TO BE NO MORE THAN A DEPTH OF TWO FEET BELOW TOP OF CURB. SLEEVES SHOULD EXTEND A MINIMUM OF 2'-0" BEYOND CURB. THE IRRIGATION CONTRACTOR SHALL INSPECT THE CURRENT IRRIGATION SYSTEM AND ESTABLISH WHETHER THE SYSTEM NEEDS TO BE UPDATED TO COMPLY WITH ALL CITY AND STATE CODES BEFORE SUBMITTING BID FOR SERVICES.
- IRRIGATION CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR WHEN BORING AND SAW-CUTTING FOR SLEEVE INSTALLATION. REFER TO ARCHITECTURE AND CIVIL PLANS FOR ALL PROPOSED DEMOLITION AND SPECIFICATIONS OF PAVING MATERIALS. THE GENERAL CONTRACTOR SHALL APPROVE ALL SAW-CUT LOCATIONS ON SITE BEFORE ANY CUTTING SHALL TAKE PLACE.
- IRRIGATION CONTRACTOR TO INSTALL DRIP IRRIGATION 6" FROM CURB EDGES WITH EIGHTEEN INCH ROW SPACINGS AND EIGHTEEN INCH EMITTER SPACINGS PER HUNTER SPECIFICATIONS.
- 48 HOURS BEFORE IRRIGATION CONSTRUCTION BEGINS, INSTALLERS MUST CALL (800) DIG-TESS.

IRRIGATION NOTES:

- Provide a complete, functioning automatic Irrigation system including labor, materials, fees, taxes, equipment, and other costs incidental to accomplishing work.
- Acquire written approval from Landscape Architect or Licensed Irrigator for material substitutes prior to commencing the installation.
- Locate existing underground utilities or obstacles prior to commencing installation. Repair damage to utilities or finishes resulting from work at no additional expense to Owner.
- Piping is diagrammatic and shown for clarity only. Adjust as required for existing utilities, obstructions, tree root balls, etc.
- Install work in accordance with applicable local codes and ordinances.
- Coordinate sleeve and conduit requirements with General Contractor.
- Locate each end of Irrigation sleeves dimensionally on the Record "As Built" Drawings.
- Irrigation Contractor shall be responsible for damage to plant material due to system failure from inferior workmanship during the installation of plants and maintenance period.
- Extend one extra control wire to farthest valve, routed parallel to common ground wire with installation of lead and common wires.
- Control wire shall be direct burial, 600 volt, single conductor, solid copper, plastic insulated cable, rated for direct burial applications, UF, UL, approved, 14 gauge minimum lead and common ground return wire unless notes otherwise. Color of insulation as follows:
11. Lead Wire: any color (same color), except white or orange
12. Common Ground Wire: white (color)
13. Extra Control Wire: orange (color)
- All P.V.C. main line and lateral lines shall receive coverage as follows:
14.1. 18" minimum cover for main lines
14.2. 12" minimum cover for lateral lines
- Make final electrical connection of controller per local electrical code. Provide all necessary fuse boxes, conduit, fittings, connectors or other electrical devices to make connection. Owner shall provide electrical service within 10 linear feet of controller location unless noted otherwise on drawings.
- Connect remote sensors to controller with ground wire in series prior to connecting to remote control valves.
- Owner or Landscape Architect shall determine final controller location.
- All PVC pipe and fittings are to be primed with purple PVC primer solvent before applying PVC cement in accordance with the Uniform Plumbing Code.