

NETAFIM SOLENOID DRIP VALVE ASSEMBLY MODEL NUMBER PER INSTALLATION NOTE 7 1. SEE DETAIL LS1-0015/1

- 2. DRIP VALVE TO INCLUDE 140 MESH FILTER AND PSI REGULATOR.
- 3. NO SUBSTITUTION WILL BE APPROVED

OLD CASTLE PRECAST CONCRETE VALVE BOX MODEL 37T

- 1. SEE DETAIL LS1-0012/6 2. IRON LID. LID SHALL BE PAINTED PURPLE
- 3. USE MANUFACTURED EXTENSIONS 4. OR EQUAL SUBSTITUTION IF APPROVED

SLEEVE PIPES, SIZE NOTED ON PLAN UNLESS SLEEVE IS EXISTING

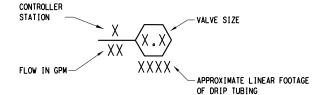
REV AMEND CR DATE DESCRIPTION

CUT AND CAP EXISTING LATERAL PIPE

CUT AND CAP EXISTING MAIN LINE PIPE

RAINBIRD #1402 PRESSURE COMPENSATING BUBBLER NOZZLE TWO PER PLATFORM TREE, SET ON OPPOSITE SIDES OF ROOT BALL

RAINBIRD 1804-SAM-PRS SERIES POP UP SPRAY HEADS WITH HUNTER ⊡ MSBN-50H STREAM BUBBLER NOZZLES. TWO PER TREE IN TURF AND PLANT BEDS. REFER TO DWG No. 5/LS1-0013



INSTALLATION NOTES

- 1. COORDINATE IRRIGATION INSTALLATION WITH PLANTING PLAN AND SITE CONDITIONS TO PROVIDE COMPLETE COVERAGE WITH MINIMUM OVERSPRAY. THE IRRIGATION CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO ENSURE PROPER COVERAGE AT NO ADDITIONAL COST TO THE OWNER. THE IRRIGATION CONTRACTOR SHALL COMPLY WITH ALL LOCAL AND STATE MANDATED IRRIGATION ORDINANCES AND CODES, AND WILL SECURE ALL REQUIRED PERMITS. LICENSED IRRIGATION CONTRACTOR SHALL PAY ANY ASSOCIATED FEES UNLESS OTHERWISE NOTED. ALL LOCAL CODES SHALL PREVAIL OVER ANY DISCREPANCIES HEREIN AND SHALL BE ADDRESSED BEFORE ANY CONSTRUCTION BEGINS.
- 2. EXISTING IRRIGATION CONTROLLER LOCATED WITHIN THE BUS TRANSFER CENTER WILL BE UTILIZED FOR THIS SYSTEM.
- 3. PROVIDE ONE QUICK COUPLER KEY WITH SWIVEL HOSE ELL FOR EVERY SIX QUICK COUPLER VALVES. (MINIMUM ONE SET).
- 4. CONTRACTOR IS TO CONTACT APPROPRIATE AUTHORITIES AND LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
- 5. THE PROPOSED LOCATIONS OF ALL ABOVE-GROUND EQUIPMENT INCLUDING BACKFLOW PREVENTORS. CONTROLLERS AND WEATHER SENSORS SHALL BE STAKED BY THE CONTRACTOR FOR APPROVAL BY THE COTR BEFORE THESE ITEMS ARE INSTALLED.
- 6. ALL HEADS SHALL BE INSTALLED A MINIMUM OF 4" FROM PAVEMENT EDGES. (6" OR GREATER WHERE REQUIRED BY LOCAL CODE) FINAL HEAD ADJUSTMENTS BY THE CONTRACTOR SHALL INCLUDE THE ADDITION OF CHECK VALVES WHERE NEEDED TO PREVENT EXCESSIVE LOW HEAD DRAINAGE. THE CONTRACTOR SHALL BUDGET FOR, AND INSTALL CHECK VALVES FOR UP 10% OF THE TOTAL NUMBER OF HEADS WHEN NEEDED, WITH NO ADDITIONAL COST TO THE OWNER.
- 7. ALL VALVES CONNECTED TO DRIP WITH FLOW OF .25 TO 4.4 GPM SHALL BE NETAFIM ALL VALVES CONNECTED TO DRIP WITH FLOW OF 22 TO 4.4 GFM SHALL DE NETHTIAN LUCZSBOINDOTS-LE SERIES DRIP VALVE ASSEMBLY. VALVES WITH FLOW OF 25 TO 17.6 GALLONS PER MINUTE SHALL BE NETAFIM LVCZ10075-HFHP. ALL DRIP VALVES SHALL INCLUDE PSI REGULATOR AND 140 MESH FILTER
- 8. CONTRACTOR TO REPAIR ALL AREAS DISTURBED BY CONSTRUCTION.

COORDINATION WITH EXISTING IRRIGATION

- 1. THE CONTRACTOR SHALL VISIT THE SITE BEFORE CONSTRUCTION BEGINS TO BECOME FAMILIAR WITH THE EXISTING SYSTEM LAYOUT, REPOUTE, REPAIR, OR REINSTALL EXISTING EQUIPMENT. INCLUDING MAINLINE AND CONTROL WIRES AS REQUIRED TO MAINTAIN CONTINUED AUTOMATIC OPERATION OF ALL AREAS OUTSIDE THE LIMITS OF WORK. PROTECT EXISTING EQUIPMENT WITHIN THE LIMITS OF WORK WHICH IS INTENDED TO REMAIN.
- 2. LICENSED IRRIGATION CONTRACTOR SHALL RE-WORK EXISTING IRRIGATION TO INCLUDE AND ACCOUNT FOR NEW PLANTINGS AND SITE IMPROVEMENTS. RE-WORKED IRRIGATION SHALL BE INSTALLED ACCORDING TO STATE SPECIFICATIONS.
- 3. LICENSED IRRIGATION CONTRACTOR SHALL ENSURE THAT THE IRRIGATION CONNECTION TO THE EXISTING MAINLINE AND RPZ MEETS THE CURRENT ADDISON STANDARDS. IF REQUIRED, LICENSED IRRIGATION CONTRACTOR SHALL UPDATE THE EXISTING IRRIGATION POINT OF CONNECTION TO THE MOST CURRENT ADDISON STANDARDS AND TEST THE EXISTING BACKFLOW DEVICE TO ENSURE THE EXISTING BACKFLOW DEVICE IS FUNCTIONING PROPERLY. LICENSED IRRIGATION CONTRACTOR SHALL REPLACE EXISTING BACKFLOW DEVICE IF IT FAILS THE

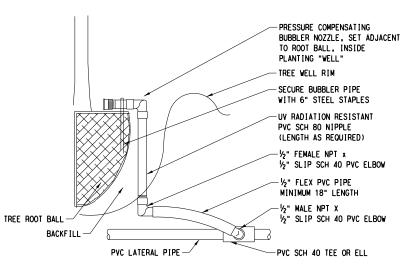
COORDINATION WITH EXISTING TREES

NO MACHINE TRENCHING SHALL BE PERMITTED WITHIN THE ROOT ZONE OF EXISTING TREES. HAND-DIG ONLY, WITHIN THE ROOT ZONES OF EXISTING TREES. NO ROOTS OVER 1" DIAMETER SHALL BE CUT. STAKE ALL PROPOSED TRENCH ROUTES NEAR EXISTING TREES FOR APPROVAL BY THE COTR BEFORE DIGGING BEGINS.

SLEEVING

REFER TO SPEC 02976 IRRIGATION SLEEVES 2.1.A:

- 1. SLEEVE MATERIAL UNDER PAVEMENT OR LANDSCAPE: ASTM D1785, POLYVINYL CHLORIDE PIPE. SCHEDULE 40, WITH ASTM D2466 SCHEDULE 40 FITTINGS.
- 2. SLEEVE MATERIAL UNDER TRACKS: ASTM D1785, POLYVINYL CHLORIDE PIPE, SCHEDULE 80, WITH ASTM D2467 SCHEDULE 80 FITTINGS.



RAINBIRD #1402 SERIES TREE BUBBLER IN GRATES

PART RELEASED FOR CONSTRUCTION

DART DESIGN REVIEW MANAGER

ANY REVIEW BY THE AUTHORITY IS FOR THE BENEFIT OF THE AUTHORITY ONLY, AND THE AUTHORITY'S STAMP DOES NOT SUBSTANTIATE THE ADEQUACY OR ACCEPTABILITY OF THE DESIGN OR RELIEVE THE DESIGN-BUILDER FROM RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS OR OF ITS OBLIGATION TO COMPLY WITH ALL CONTRACT REQUIREMENTS.

CONTRACT SHEET No. 64 OF 67

> COTTON BELT REGIONAL RAIL LINE SECTION CB-2

ADDISON STATION IRRIGATION LEGEND AND NOTES

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J. POLE CHECKED G. WEBB J. POLE 23 SEP 2

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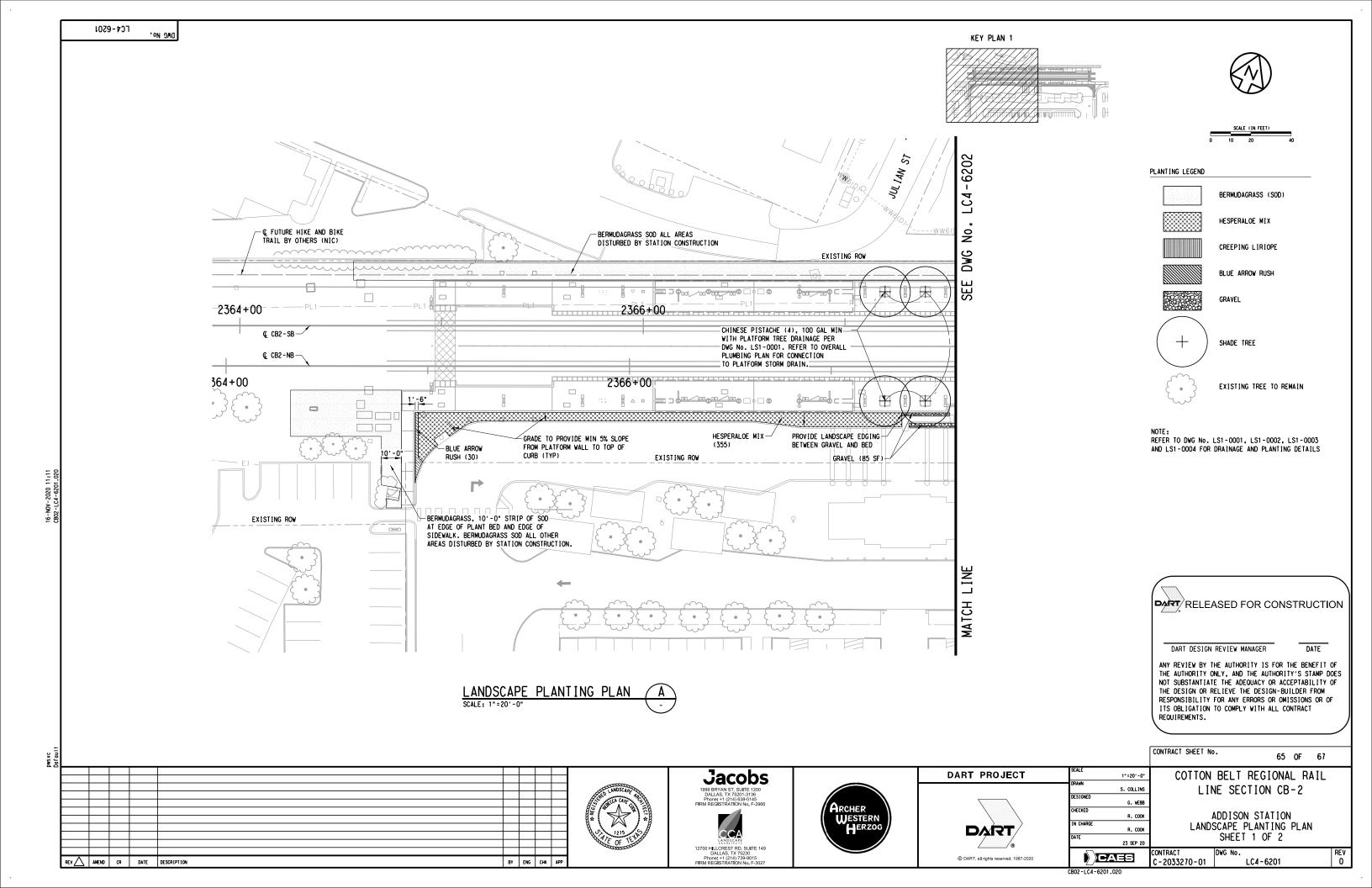


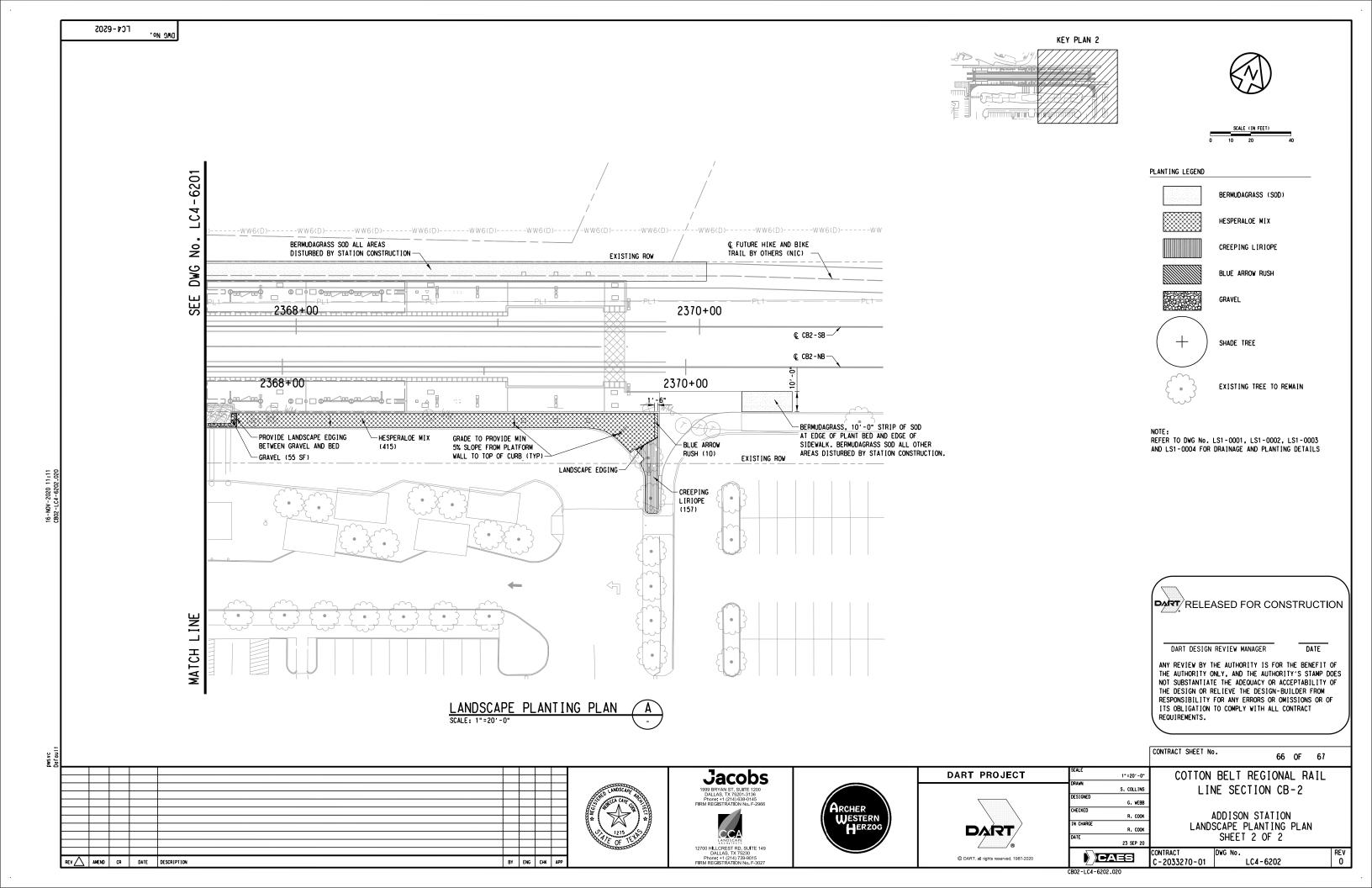
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LC8-6202





QTY	COMMON NAME / SCIENTIFIC NAME	SIZE	REMARKS
TREES			
4	CHINESE PISTACHE / PISTACIA CHINENSIS (MALE ONLY)	4" CALIPER MIN 100 GAL	12'-14' HEIGHT, 8'-10' SPREAD, FULL, SINGLE STRAIGHT LEADER, SPECIMEN GRADE, MATCHED, TREE TRUNK TYPE 1
SHRUBS, GROUN	NDCOVERS, PERENNIALS		
	HESPERALOE MIX		PLANT EACH SPECIES LISTED BELOW IN GROUPINGS OF 3 TO 7 THAT ARE PLACED RANDOMLY THROUGHOUT THE MIX.
96	11% RED YUCCA / HESPERALOE PARVIFLORA	5 GAL	27" OC, MIN 18" HEIGHT, TRIANGULAR SPACED, HEAVILY ROOTED
417	48% YELLOW YUCCA / HESPERALOE PARVIFLORA 'YELLOW'	5 GAL	27" OC, MIN 18" HEIGHT, TRIANGULAR SPACED, HEAVILY ROOTED
131	15% DESERT DUSK RED YUCCA HESPERALOE PARVIFLORA 'MSWNPERMA' PP# 28909 DESERT DUSK	5 GAL	27" OC, MIN 18" HEIGHT, TRIANGULAR SPACED, HEAVILY ROOTED
113	13% DESERT FLAMENCO RED YUCCA HESPERALOE PARVIFLORA 'DESERT FLAMENCO'	5 GAL	27" OC, MIN 18" HEIGHT, TRIANGULAR SPACED, HEAVILY ROOTED
113	13% PINK PARADE HESPERALOE / HESPERALOE X 'PERFU' 'PINK PARADE' PP* 21,728	5 GAL	27" OC, MIN 18" HEIGHT, TRIANGULAR SPACED, HEAVILY ROOTED
157	CREEPING LIRIOPE / LIRIOPE SPICATA	4" POT	18" OC TRIANGULAR SPACED, HEAVILY ROOTED
40	BLUE ARROW RUSH / JUNCUS INFLEXUS "BLUE ARROW"	1 GAL	18" OC IN ROW, MIN 12" HEIGHT, TRIANGULAR SPACED, HEAVILY ROOTED
TURF GRASS			
FIELD VERIFY	BERMUDAGRASS / CYNODON DACTYLON COMMON OR CULTIVAR	SOLID SOD	REFER TO SPECS, PROVIDE IN IRRIGATED AREAS. TIF 419 OR OTHER CULTIVAR AS APPROVED BY COTR
MATERIALS			
FIELD VERIFY	COMPOST	CY	ORGANIC, WELL-DECOMPOSED, AT TURF AREAS, TREES, AND PLANTING BEDS, REFER TO SPECS AND DETAILS
FIELD VERIFY	MULCH (HARDWOOD)	CY	3° DEPTH TOPDRESSING AT TREES AND PLANTING BEDS, REFER TO SPECS AND DETAILS
FIELD VERIFY	TOPSOIL	CY	REFER TO SPECS AND DETAILS FOR DEPTHS
FIELD VERIFY	STEEL EDGING	LF	COMMERCIAL GRADE, COLOR: BLACK, REFER TO SPECS AND DETAILS
FIELD VERIFY	GRAVEL	СҮ	CRUSHED SILVERMIST AGGREGATE, 3½" DEPTH, 5%" TO 3¼" MIN SIZE, AS SUPPLIED BY JEWELL CUSTOM STONE SUPPLY, DALLAS, TX OR EQUAL APPROVED BY COTR

NOTE:

ADJUST PLANT SPACING TO PROVIDE FULL COVERAGE AND THE QUANTITY OF PLANTS SPECIFIED ON THE PLANS. IF ADDITIONAL PLANTS ARE REQUIRED TO ACHIEVE FULL COVERAGE OF BEDS, NOTIFY THE COTR IMMEDIATELY FOR DIRECTION PRIOR TO INSTALLING PLANTS.

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CONTRACT SHEET No.

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COTTON BELT REGIONAL RAIL

LC8-6201

LINE SECTION CB-2

ADDISON STATION PLANT AND MATERIAL LIST

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NO SCALE

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REV AMEND CR DATE DESCRIPTION BY ENG CHK APP



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