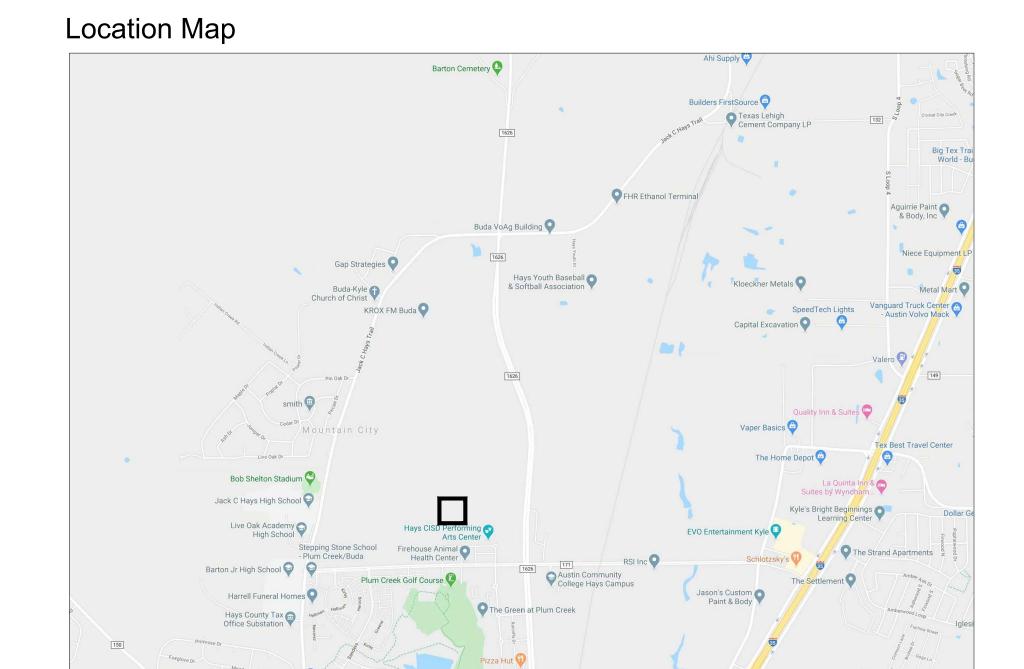
UPTOWN CULTURAL TRAIL

1.67 Acres Kyle, Texas 78640

07.17.2020 30% SCHEMATIC DESIGN SET

Signatures





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Sheet Sheet Tit

Landscape Drawings:

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L7.03 Site Details

Consultant Drawings:

C0.01 KHA General Notes
C0.01 Utility Plan

CLIENT:
City of Kyle

100 W. Center Street
Kyle, TX 78640
Tel: 512.262.1010
Contact: Scott Sellers

LANDSCAPE
ARCHITECT:
Lionheart Places

1023 Springdale Road
Building 6, Suite E
Austin, TX 78721
Tel: 512.520.4488

Contact: Megan Lowry

CIVIL ENGINEER:
Kimley Horn

10814 Jollyville Road
Campus IV, Suite 300
Austin, TX 78759
Tel: 512.969.1696
Contact: Brian Parker

NOTE: MULTIPLE DETAILS MAY BE

REFERENCED.

(SUBGROUP TITLE)

1 Text description **2** Text description

LANDSCAPE GENERAL NOTES

- ANY CONTRACTOR SUBMITTING A PROPOSAL FOR THIS WORK SHALL FIRST EXAMINE THE SITE OF THE PROPOSED WORK AND ALL CONDITIONS AT THE SITE TO FULLY UNDERSTAND ANY FACILITIES, DIFFICULTIES, AND RESTRICTIONS ATTENDING THE EXECUTION OF THE CONTRACT. NO SUBSEQUENT ALLOWANCES SHALL BE MADE DUE TO OMISSION, ERROR, OR NEGLIGENCE, IN CONNECTION WITH THIS PROVISION.
- CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL EXISTING SITE CONDITIONS AND UNDERGROUND UTILIZES, PIPES AND STRUCTURES. CONTRACTOR SHALL BE RESPONSIBLE FOR BODILY INJURY AND/OR ANY COST INCURRED. DUE TO DAMAGE OF OWNER'S PROPERTY OR UTILITIES. CONTRACTOR SHALL HAND DIG FOOTINGS, TREE WELLS AND PLANTING BEDS AS REQUIRED.
- 3. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 4. ANY CONFLICTING INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT OR THE LANDSCAPE ARCHITECT SHALL ASSUME THAT THE CONTRACTOR HAS INCORPORATED THE SPECIFIED ITEM.
- 5. DO NOT WILLINGLY PROCEED WITH CONSTRUCTION OF DESIGN WHEN UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTICE.
- 6. IF CONFLICTS ARISE BETWEEN ACTUAL SIZE AND LAYOUT OF ANY CONSTRUCTION ELEMENT ON-SITE AND THOSE INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL CONTACT THE OWNER'S AUTHORIZED REPRESENTATIVE FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE OWNER'S AUTHORIZED REPRESENTATIVE IN A TIMELY FASHION MAY RESULT IN CONTRACTOR'S RESPONSIBILITY TO REMOVE AND REINSTALL ITEMS BUILT INCORRECTLY OR AT WORST CASE. BECOME UNABLE TO CHARGE OWNER FOR ITEMS BUILT INCORRECTLY.
- 7. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF SUBCONTRACTORS ACCOMPLISHMENT OF SCOPE OF WORK, CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH OTHER TRADES WORKING ON THE SITE SIMULTANEOUSLY.
- 8. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT 72 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES, CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY TO PROVIDE ALL WORK. WORK TO BE COMPLETE IN PLACE AS SPECIFIED.
- ALL MATERIALS SHALL BE OF STANDARD, APPROVED AND FIRST GRADE QUALITY AND SHALL BE IN PRIME CONDITION WHEN INSTALLED AND ACCEPTED. ANY COMMERCIALLY PROCESSED OR PACKAGED MATERIAL SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED PACKAGING BEARING THE MANUFACTURER'S GUARANTEED ANALYSIS.
- 10. CONTRACTOR TO CONFORM WITH THE REQUIREMENTS INCLUDED IN THE GEOTECHNICAL REPORTS.
- 11. THE CONTRACTOR SHALL SHALL GUARANTEE ALL WORK AS TO MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL ACCEPTANCE OF PROJECT. THE CONTRACTOR WILL PROVIDE A WRITTEN GUARANTEE ON HIS LETTERHEAD UPON FINAL INSPECTION.

LANDSCAPE DEMOLITION

- REMOVE ITEMS (SITE STRUCTURES) SHOWN ON THE PLAN TO THE FULL DEPTH OF THEIR CONSTRUCTION UNLESS DESIGNATED TO REMAIN.
- 2. VERIFY THE LOCATION OF ITEMS (SITE STRUCTURES) TO REMAIN (TO BE REMOVED) PRIOR TO COMMENCEMENT OF THE WORK.
- 3. ITEMS (SITE STRUCTURES) ENCOUNTERED BELOW GRADE AND NOT SHOWN ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
- 4. REMOVE DEMOLISHED MATERIALS FROM SITE. DISPOSAL BY BURNING AND/OR BURYING IS PROHIBITED.
- 5. CONTACT THE LOCAL UNDERGROUND SERVICE UPDATE FOR UTILITY LOCATION AND IDENTIFICATION PRIOR TO DEMOLITION.
- 6. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS MAY VARY IN RELATION TO ACTUAL EXISTING CONDITIONS; ADDITIONAL UTILITIES NOT SHOWN ON THE DRAWINGS MAY EXIST. VERIFY IN THE FIELD THE DATA SHOWN, AND CALL ANY DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT OR SITE REPRESENTATIVE BEFORE STARTING WORK.
- 7. PERFORM EXCAVATION IN THE VICINITY OF EXISTING UTILITIES BY HAND WHERE APPLICABLE. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES CAUSED BY ANY PERSON, VEHICLE, EQUIPMENT OR TOOL RELATED

LANDSCAPE LIGHTING NOTES

TO THE EXECUTION OF THE CONTRACT.

- 1. COORDINATE WITH MEP PLANS FOR LOGICAL CONTROLLER LOCATIONS.
- 2. COORDINATE ALL BUILDING PENETRATIONS FOR WALL MOUNTED ACCESSORIES WITH OWNER.
- PROVIDE LOW VOLTAGE SYSTEM, WIRING AND CONTROLS AS REQUIRED TO PROVIDE A FUNCTIONAL SYSTEM.
- 4. PROVIDE PHOTOCELL AND TIMECLOCK SYSTEM CONTROLS.
- 5. PROVIDE ALL EQUIPMENT INSTRUCTIONS AND WARRANTY INFORMATION TO OWNER PRIOR TO ACCEPTANCE.
- 6. PROVIDE OWNER WITH FIVE (5) EXTRA OF EACH LAMP TYPE USED IN THE PROJECT.
- INSTALL ALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. ALL CONTROLS SHALL BE OUT OF WET AREAS, AND ALL FIXTURES SHALL BE SECURELY IMBEDDED INTO GRADES.
- 8. PROVIDE AS-BUILT WIRING DIAGRAM FOR ALL WIRE RUNS PRIOR TO ACCEPTANCE.
- 9. PROVIDE MATERIAL CUT SHEETS AND SUBMITTALS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO PURCHASE.
- 10. REFER TO MEP FOR ALL 120V LIGHTING CONNECTIONS.
- 11. NO WIRING OR CONDUIT SHALL BE VISIBLE ABOVE GRADE. MAINTAIN A MINIMUM OF 6" COVERAGE.

LAYOUT NOTES

- 1. LAYOUT AND VERIFY DIMENSIONS PRIOR TO CONSTRUCTION. BRING DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
- 2. FOR DIMENSIONS OF BUILDINGS, GARAGES, TRASH ENCLOSURES, PATIOS AND RELATED WORK, REFER TO THE ARCHITECTURAL DRAWINGS. COPIES OF THESE DRAWINGS ARE AVAILABLE FROM THE OWNER.
- 3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE. DO NOT SCALE DRAWINGS.
- 4. WHERE DIMENSIONS ARE CALLED AS "EQUAL," SPACE REFERENCED ITEMS EQUALLY, MEASURED TO A CONSISTENT EDGE.
- 5. MEASUREMENTS ARE TO FACE OF BUILDING, WALL OR THE FIXED SITE IMPROVEMENT. DIMENSIONS TO CENTER
- 6. INSTALL INTERSECTING ELEMENTS AT 90 DEGREE ANGLES TO EACH OTHER UNLESS OTHERWISE NOTED.
- 7. PROVIDE EXPANSION JOINTS WHERE CONCRETE FLATWORK MEETS VERTICAL STRUCTURES SUCH AS WALLS, CURBS. STEPS AND BUILDING ELEMENTS.
- 8. ALL WALKWAYS SHALL BE LOCATED FROM FINISHED FACE OF BUILDINGS.
- 9. FENCES, WALLS, AND FOOTINGS SHALL SIT ENTIRELY WITHIN PROPERTY LINE.

GRADING AND DRAINAGE NOTES

- 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN PER AVAILABLE RECORDS. VERIFY THE ACTUAL LOCATION AND ELEVATION IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION OF THE NEW FACILITIES. PROTECT EXISTING UTILITIES AND BE RESPONSIBLE FOR DAMAGE TO UTILITIES ENCOUNTERED DURING CONSTRUCTION
- 2. REQUEST INSPECTION AS REQUIRED 48 HOURS IN ADVANCE OF PERFORMING ANY WORK UNLESS OTHERWISE NOTED ON THIS SHEET.
- 3. DEBRIS CREATED BY REMOVAL OPERATIONS BECOME THE PROPERTY OF THE CONTRACTOR AND IS TO BE LEGALLY DISPOSED OF AWAY FROM THE JOB SITE.
- 4. NOTIFY LOCAL UNDERGROUND SERVICE COMPANIES FOR UTILITY FINDS 48 HOURS PRIOR TO ANY EXCAVATION.
- REFER TO STRUCTURAL DRAWINGS FOR CONNECTIONS TO DRAINS OVER STRUCTURE.
- REFER TO ARCHITECTURAL DRAWINGS FOR WATERPROOFING OF SLAB PENETRATIONS.
- 7. REFER TO CIVIL ENGINEER'S DRAWINGS FOR CONNECTIONS TO DRAINS.

LANDSCAPE PLANTING NOTES

- 1. SOURCE OF BASE SHEETS IS SURVEY PROVIDED BY OTHERS.
- 2. REFER TO CIVIL ENGINEER'S UTILITY AND PRECISE GRADING PLANS FOR UTILITY LOCATION AND FINAL GRADING IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS, CONTACT THE LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.
- 3. VERIFY LOCATIONS OF PERTINENT SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT LANDSCAPE ARCHITECT FOR INSTRUCTIONS PRIOR TO COMMENCING WORK.
- 4. EXACT LOCATIONS OF PLANT MATERIALS TO BE APPROVED BY THE LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST PLANTS TO EXACT LOCATION IN
- 5. VERIFY PLANT COUNTS AND SQUARE FOOTAGES: QUANTITIES ARE PROVIDED AS OWNER INFORMATION ONLY. IF QUANTITIES ON PLANT LIST DIFFER FROM GRAPHIC INDICATIONS, THEN GRAPHICS SHALL PREVAIL.
- CONTACT THE LOCAL UNDERGROUND UTILITY SERVICES FOR UTILITY LOCATION AND IDENTIFICATION.
- 7. PERFORM EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES WITH CARE AND IF NECESSARY, BY HAND. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OR DAMAGE TO UTILITIES SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
- 8. TREES SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO EXISTING.
- 9. TREES TO BE PLANTED A MINIMUM OF 4 FEET FROM FACE OF BUILDING, OR PAVEMENT, EXCEPT AS APPROVED BY LANDSCAPE ARCHITECT.
- 10. PROVIDE MATCHING FORMS AND SIZES FOR PLANT MATERIALS WITHIN EACH SPECIE AND SIZE DESIGNATED ON
- 11. PRUNE NEWLY PLANTED TREES ONLY AS DIRECTED BY LANDSCAPE ARCHITECT.
- 12. ALIGN AND EQUALLY SPACE IN ALL DIRECTIONS SHRUBS SO DESIGNATED PER THESE NOTES AND DRAWINGS.
- 13. FINISH GRADES OF SHRUB AREAS AND LAWNS SHALL BE 1 1/2 INCHES BELOW ADJACENT PAVING OR HEADER INCLUDING MULCH.
- 14. PROVIDE SPECIFIED EDGING AS DIVIDER BETWEEN ALL PLANTING BEDS AND LAWN AREAS.

LANDSCAPE ARCHITECT TO PROVIDE 80" CLEARANCE ABOVE THE WALKING SURFACE.

- 15. LANDSCAPE ARCHITECT TO REVIEW PLANT MATERIALS AT SOURCE OR BY PHOTOGRAPHS PRIOR TO DIGGING
- OR SHIPPING OF PLANT MATERIALS.
- 17. CONTRACTOR SHALL WARRANT PLANTS AND TREES FOR ONE YEAR AFTER FINAL ACCEPTANCE. CONTRACTOR TO REPLACE DEAD MATERIALS AND MATERIALS NOT IN VIGOROUS, THRIVING CONDITION AS SOON AS WEATHER PERMITS AND ON NOTIFICATION BY LANDSCAPE ARCHITECT. CONTRACTOR TO REPLACE PLANTS, INCLUDING TREES, WHICH IN OPINION OF LANDSCAPE ARCHITECT HAVE PARTIALLY DIED THEREBY DAMAGING SHAPE, SIZE

16. IF VEGETATION OR TREES OVERHANG ACCESSIBLE ROUTE, REPOSITION OR PRUNE BACK UNDER DIRECTION OF

- OR SYMMETRY. 18. CONTRACTOR TO REPLACE PLANTS AND TREES WITH SAME KIND AND SIZE AS ORIGINALLY PLANTED, AT NO COST OF OWNER. PROVIDE ONE-YEAR WARRANTY ON REPLACEMENT PLANTS. THESE SHOULD BE REPLACED AT THE START OF THE NEXT PLANTING OR DIGGING SEASON. IN SUCH CASES, CONTRACTOR IS TO REMOVE DEAD
- TREES IMMEDIATELY. CONTRACTOR TO PROTECT IRRIGATION SYSTEM AND OTHER PIPING CONDUIT OR OTHER WORK DURING REPLACEMENT. CONTRACTOR TO REPAIR ANY DAMAGE IMMEDIATELY.
- 19. WARRANTY EXCLUDES REPLACEMENT OF PLANTS AFTER FINAL ACCEPTANCE BECAUSE OF INJURY BY STORM, DROUGHT, DROWNING, HAIL, FREEZE, INSECTS OR DISEASE.
- 20. AT THE END OF THE WARRANTY PERIOD, STAKING AND GUYING MATERIALS SHALL BE REMOVED FROM THE SITE.

GATE AND FENCING NOTES

FENCING ABUTS BUILDINGS OR ARCHITECTURAL FEATURES.

AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

- 1. CONTRACTOR TO PROVIDE ALL REQUIRED ADA/ACCESSIBILITY EQUIPMENT NEEDED FOR GATE OPERATION. ALL GATE CONTROL SHALL MEET ADA REQUIREMENTS OR FIRE CODE IF APPLICABLE.
- 2. ALL FENCING SHALL BE CONSTRUCTED WITHIN THE PROPERTY LINE. CENTERLINES FOR FENCE LAYOUTS SHOULD OFFSET TO ALLOW POSTS AND FOOTINGS TO SIT WITHIN THE PROPERTY LINE.
- 3. ALL FENCE LAYOUT ANGLES ARE ASSUMED TO BE 90. ALLOW NO MORE THAN A 3" GAP IN CONDITIONS WHERE
- 4. CONTRACTOR TO WALK SITE AND REVIEW FENCE AND GATE POST LAYOUT IN FIELD WITH OWNER, ARCHITECT,
- 5. CONTRACTOR TO PROVIDE CUT SHEETS AND SAMPLES FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 6. CONTRACTOR TO COORDINATE ALL GATE FOB ACCESS WITH ARCHITECT, LANDSCAPE ARCHITECT AND MEP PRIOR TO INSTALLATION.

TABLE OF ABBREVIATIONS

APPROX APPROXIMATE

	APPROXIMATE	MH	MANHOLE
ARCH	ARCHITECT	MIN	MINIMUM
AVG	AVERAGE	MISC	MISCELLANEOUS
B&B	BALLED AND BURLAPPED	MTD	MOUNTED
BC	BOTTOM OF CURB	MTL	METAL
BF	BOTTOM OF FOOTING	N	NORTH
BLDG	BUILDING	NIC	NOT IN CONTRACT
BM	BENCHMARK	NO	NUMBER
BOC	BACK OF CURB	NOM	NOMINAL
BR	BOTTOM OF RAMP	NTS	NOT TO SCALE
BRG	BEARING	OC	ON CENTER
	BOTTOM OF STEP	OD	OUTSIDE DIAMETER
BS			
BW	BOTTOM OF WALL	OPP	OPPOSITE
CAL	CALIPER	PAR	PARALLEL
CAP	CAPACITY	PC	POINT OF CURVATURE
CF	CUBIC FEET	PE	POLYURETHANE
CHAM	CHAMFER	PERF	PERFORATED
CIP	CAST IN PLACE	PED	PEDESTRIAN
		PI	POINT OF INTERSECTION
CJ	CONTROL JOINT		
CL	CENTER LINE	PL	PROPERTY LINE
CLR	CLEARANCE	PT	POINT, POINT OF TANGENCY
CM	CENTIMETER	PVC	POLYVINYL CHLORIDE
CO	CLEAN OUT	PVMT	PAVEMENT
		PVR	PAVER
COMP	COMPACTED	QTY	
CONC	CONCRETE		QUANTITY
CONST	CONSTRUCTION	R	RADIUS
CONT	CONTINUOUS	RECEP	RECEPTACLE
CONTR		REF	REFERENCE
	CONTRACTOR	REINF	
CU	CUBIC	REM	REINFORCE(D)
CY	CUBIC YARD		REMOVE
DBL	DOUBLE	REQ'D	REQUIRED
DF	DIRECTION OF FLOW	REV	REVISION, REVISED
		ROW	RIGHT OF WAY
DEG	DEGREE	RT	
DEMO	DEMOLISH, DEMOLITION	S	RIGHT
DIA	DIAMETER	SAN	SOUTH
DIM	DIMENSION		SANITARY
DTL	DETAIL	SCH	SCHEDULE
DWG	DRAWING	SD	STORM DRAIN
		SEC	
E	EAST	SF	SECTION
EA	EACH	SHT	SQUARE FOOT (FEET)
EJ	EXPANSION JOINT		SHEET
		SI	STORM INLET
FI	ELEVATION		- · - · · · · · · · · · · · · · · · · ·
EL	ELEVATION ELECTRICAL	SIM	SIMILAR
ELEC	ELECTRICAL	SIM SNT	SIMILAR
ELEC ENG	ELECTRICAL ENGINEER	SNT	SEALANT
ELEC	ELECTRICAL	SNT SPECS	SEALANT SPECIFICATIONS
ELEC ENG	ELECTRICAL ENGINEER EQUAL	SNT SPECS SQ	SEALANT
ELEC ENG EQ EQUIP	ELECTRICAL ENGINEER EQUAL EQUIPMENT	SNT SPECS SQ ST	SEALANT SPECIFICATIONS SQUARE
ELEC ENG EQ EQUIP EST	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE	SNT SPECS SQ ST SY	SEALANT SPECIFICATIONS SQUARE STORM SEWER
ELEC ENG EQ EQUIP EST E.W.	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY	SNT SPECS SQ ST SY STA	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD
ELEC ENG EQ EQUIP EST E.W. EXIST	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING	SNT SPECS SQ ST SY	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION
ELEC ENG EQ EQUIP EST E.W. EXIST EXP	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY	SNT SPECS SQ ST SY STA STD	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD
ELEC ENG EQ EQUIP EST E.W. EXIST	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING	SNT SPECS SQ ST SY STA STD STL	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION
ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION	SNT SPECS SQ ST SY STA STD STL STRL	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL
ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE	SNT SPECS SQ ST SY STA STD STL STRL SYM	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL
ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF FG FIN	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL
ELEC ENG EQUIP EST E.W. EXIST EXP FF FG FIN	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE	SNT SPECS SQ ST SY STA STD STL STRL SYM	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM
ELEC ENG EQUIP EST E.W. EXIST EXP FF FG FIN FL	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB
ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB
ELEC ENG EQUIP EST E.W. EXIST EXP FF FG FIN FL	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET)	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB
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ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT FTG GA	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK
ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT FTG GA GAL	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE GALVANIZED	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC TOPO	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK TOP OF CONCRETE
ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT GA GAL GC	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE GALVANIZED GENERAL CONTRACT(OR)	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC TOPO TSL	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK TOP OF CONCRETE TOPOGRAPHY
ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT GA GAL GC GEN	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE GALVANIZED	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC TOPO	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK TOP OF CONCRETE TOPOGRAPHY TOP OF SLAB
ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT GA GAL GC	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE GALVANIZED GENERAL CONTRACT(OR)	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC TOPO TSL TRAS	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK TOP OF CONCRETE TOPOGRAPHY
ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT GA GAL GC GEN	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE GALVANIZED GENERAL HORIZONTAL	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC TOPO TSL TRAS TR	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK TOP OF CONCRETE TOPOGRAPHY TOP OF SLAB
ELEC ENG EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT FTG GA GAL GC GEN HORIZ HP	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE GALVANIZED GENERAL HORIZONTAL HIGH POINT	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC TOPO TSL TRAS TR TS	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK TOP OF CONCRETE TOPOGRAPHY TOP OF SLAB TRANSFORMER TOP OF RAMP
ELEC ENG EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT FTG GA GAL GC GEN HORIZ HP	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE GALVANIZED GENERAL HORIZONTAL HIGH POINT HEIGHT	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC TOPO TSL TRAS TR TS TW	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK TOP OF CONCRETE TOPOGRAPHY TOP OF SLAB TRANSFORMER TOP OF RAMP TOP OF STEP
ELEC ENG EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT FTG GAL GC GEN HORIZ HP HT ID	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE GALVANIZED GENERAL HORIZONTAL HIGH POINT HEIGHT INSIDE DIAMETER	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC TOPO TSL TRAS TR TS TW TYP	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK TOP OF CONCRETE TOPOGRAPHY TOP OF SLAB TRANSFORMER TOP OF STEP TOP OF WALL
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ELEC ENG EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT FTG GAL GC GEN HORIZ HP HT ID INV IN INCL	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE GALVANIZED GENERAL HORIZONTAL HIGH POINT HEIGHT INSIDE DIAMETER INVERT ELEVATION INCH(ES)	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC TOPO TSL TRAS TR TS TW TYP VAR	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK TOP OF CONCRETE TOPOGRAPHY TOP OF SLAB TRANSFORMER TOP OF RAMP TOP OF STEP TOP OF WALL TYPICAL
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ELEC ENG EQUIP EST EXIST EXP FF FG N FL C FTTG GAL GEN HP HT D IN INCL IRR JIN LF	ELECTRICAL ENGINEER EQUAL EQUIPMENT ESTIMATE EACH WAY EXISTING EXPANSION, EXPOSED FINISHED FLOOR ELEVATION FINISHED GRADE FINISH FLOW LINE FACE OF CURB FOOT (FEET) FOOTING GAUGE GALVANIZED GENERAL CONTRACT(OR) GENERAL HORIZONTAL HIGH POINT HEIGHT INSIDE DIAMETER INVERT ELEVATION INCH(ES) INCLUDE(D) INLET IRRIGATION JOINT	SNT SPECS SQ ST SY STA STD STL STRL SYM T&B TBC TC TF THK TOC TOPO TSL TRAS TR TS TW TYP VAR VERT VEH VOL W/O WT WL	SEALANT SPECIFICATIONS SQUARE STORM SEWER SQUARE YARD STATION STANDARD STEEL STRUCTURAL SYMMETRICAL TOP AND BOTTOM TOP OF BACK CURB TOP OF CURB TOP OF FOOTING THICK TOP OF CONCRETE TOPOGRAPHY TOP OF SLAB TRANSFORMER TOP OF RAMP TOP OF STEP TOP OF WALL TYPICAL VARIES VERTICAL VEHICLE VOLUME WITH WITHOUT WEIGHT
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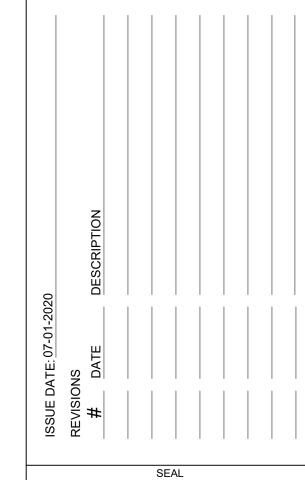
MANHOLE

LANDSCAPE ARCHITECTS REQ'D. FIELD OBSERVATION WORK

1. THESE LANDSCAPE ARCHITECTURAL CONSTRUCTION DOCUMENTS WERE PREPARED FOR THE OWNER WITH THE UNDERSTANDING THAT THE OWNER WILL USE LIONHEART PLACES LLC TO PROVIDE 'FULL' CONTRACT SERVICES INCLUDING CONSTRUCTION OBSERVATION. FAILURE TO USE LIONHEART PLACES LLC TO COMPLETE THE CONSTRUCTION OBSERVATION SERVICES SET FORTH HEREIN WILL SIGNIFICANTLY INCREASE THE RISK OF LOSS RESULTING FROM MISINTERPRETATION OF THE DESIGN INTENT, UNAUTHORIZED MODIFICATIONS, AND FAILURE TO DETECT ERRORS AND OMISSIONS IN THE PLANS AND SPECIFICATIONS BEFORE THEY BECOME COSTLY MISTAKES. IN THE EVENT THAT LIONHEART PLACES LLC DOES NOT COMPLETE THE FIELD OBSERVATION SERVICES AS DESCRIBED HEREIN, THE OWNER, OR SUBSEQUENT OWNER (INDIVIDUALS OR CORPORATIONS WHO HAVE PURCHASED THESE PLANS WITH THE PROJECT), AGREES TO HOLD HARMLESS, INDEMNIFY, AND DEFEND LIONHEART PLACES LLC FROM AND AGAINST ANY AND ALL CLAIMS.

LIONHEART 1023 Springdale Road, Suite 6E, Austin, TX 78721

O: 512.520.4488 WWW.LIONHEARTPLACES.COM



PRELIMINARY NOT FOR CONSTRUCTION

Not for regulatory approval, permitting or construction.

Rebecca Leonard 3038

ISSUED DATE: 07-01-2020 PROJECT NO.: 005-007 DRAWN: ML REVIEWED: RL

GENERAL NOTES

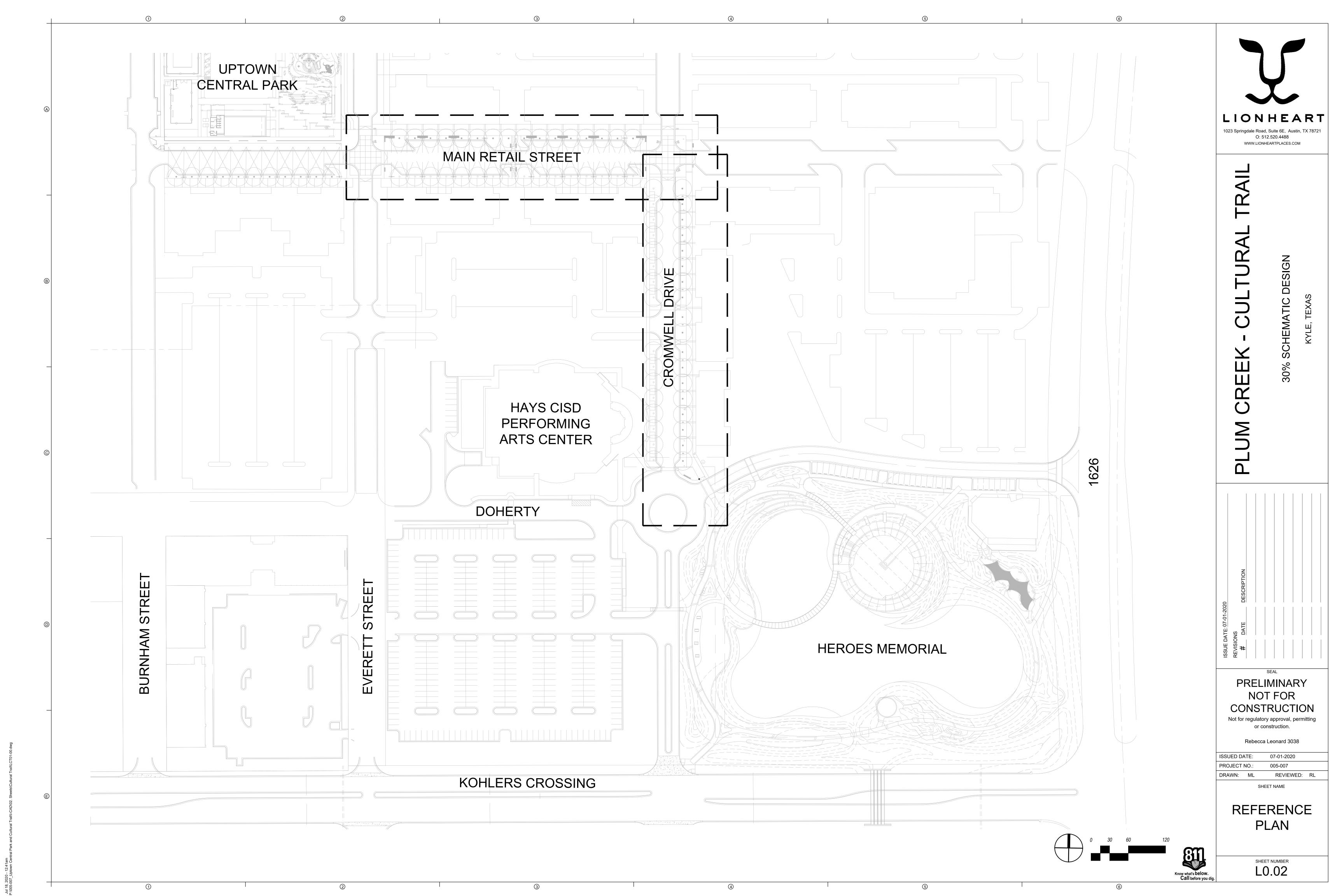


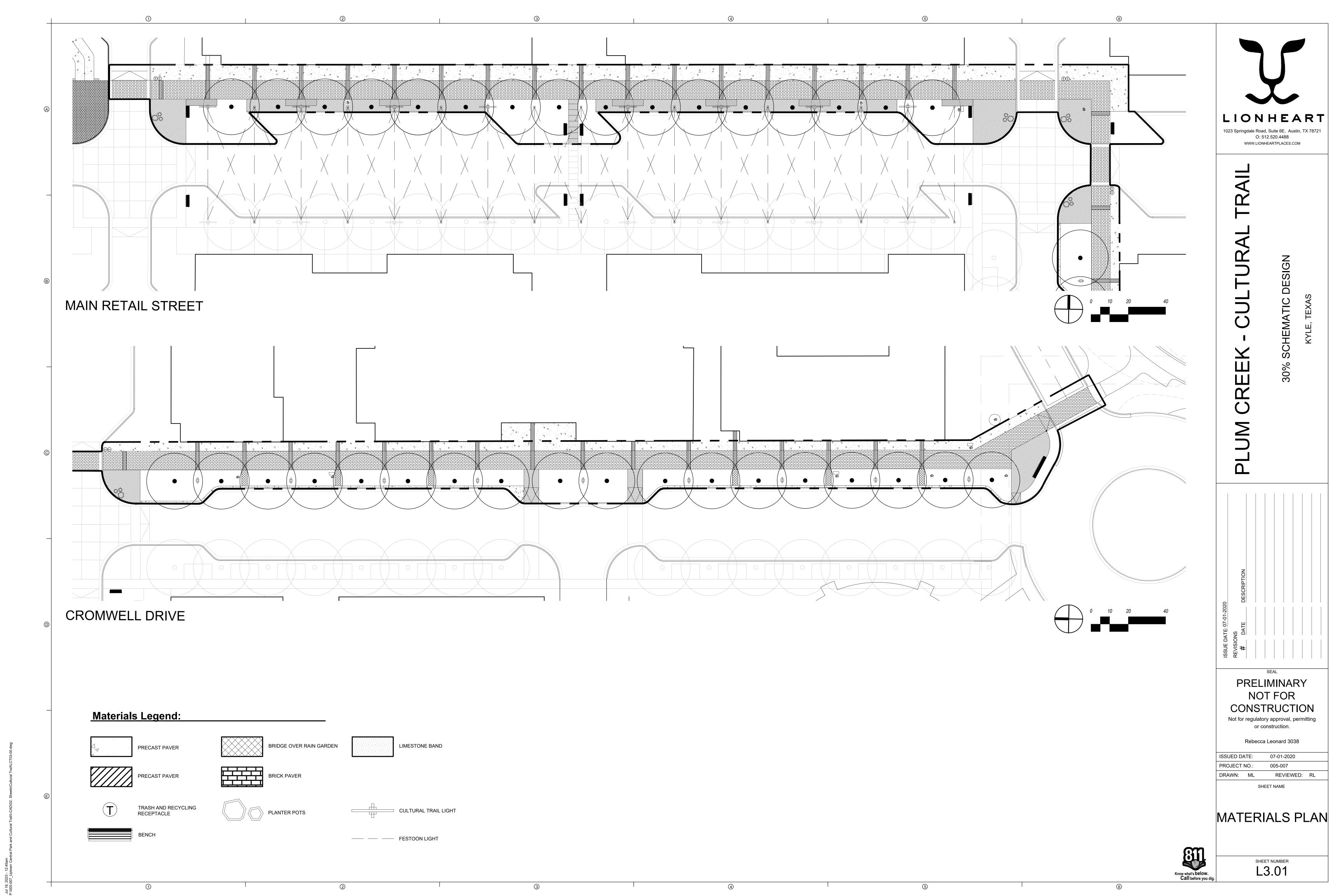
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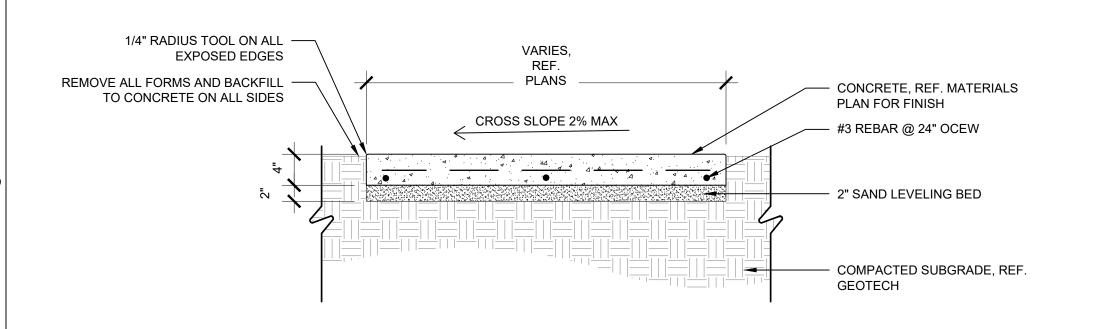
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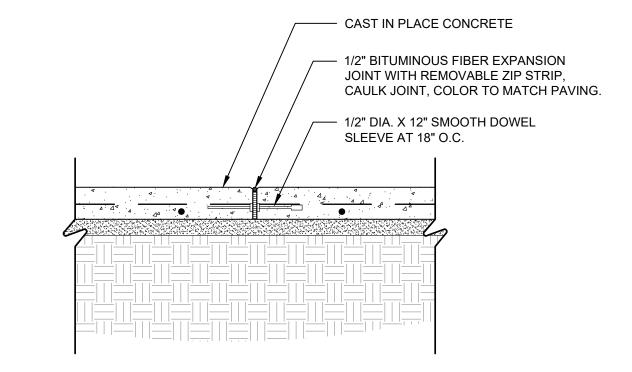
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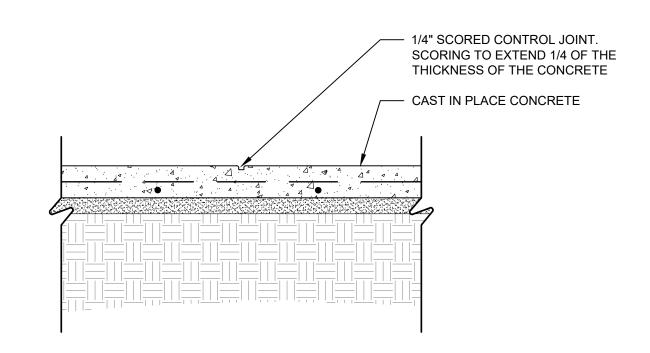
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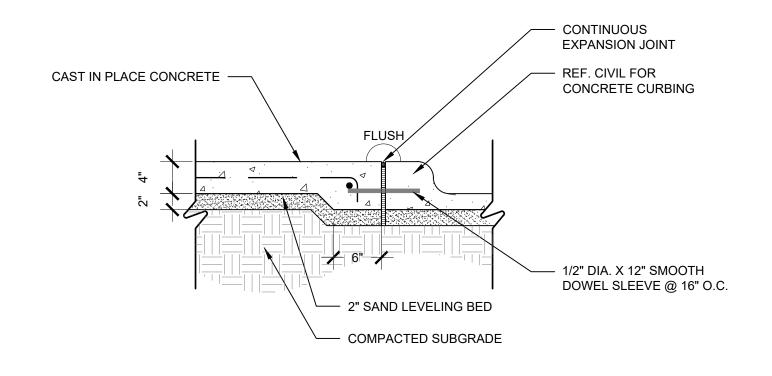


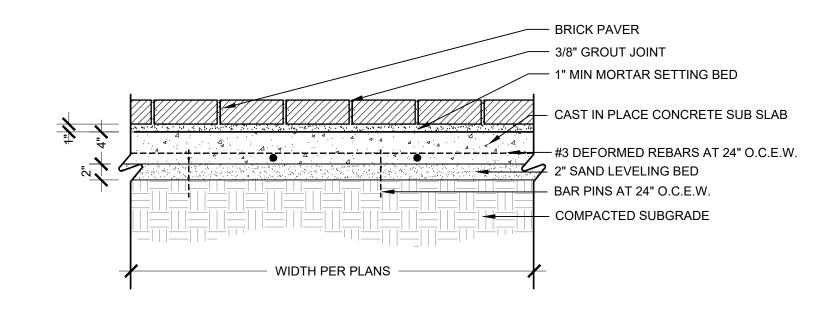
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1 CAST IN PLACE CONCRETE



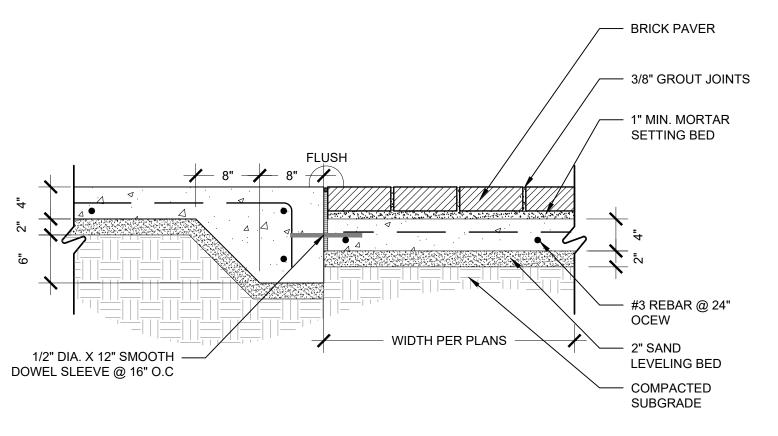


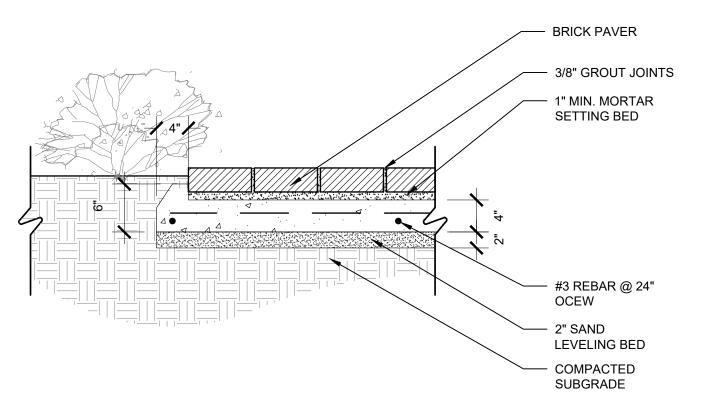




4 CONCRETE PAVING @ CURB







6 PAVERS @ CONCRETE

7 PAVERS @ PLANTING

3



UKAL IKAIL

30% SCHEMATIC DESIGN

DESCRIPTION

PRELIMINARY
NOT FOR
CONSTRUCTION

or construction.

Rebecca Leonard 3038

Not for regulatory approval, permitting

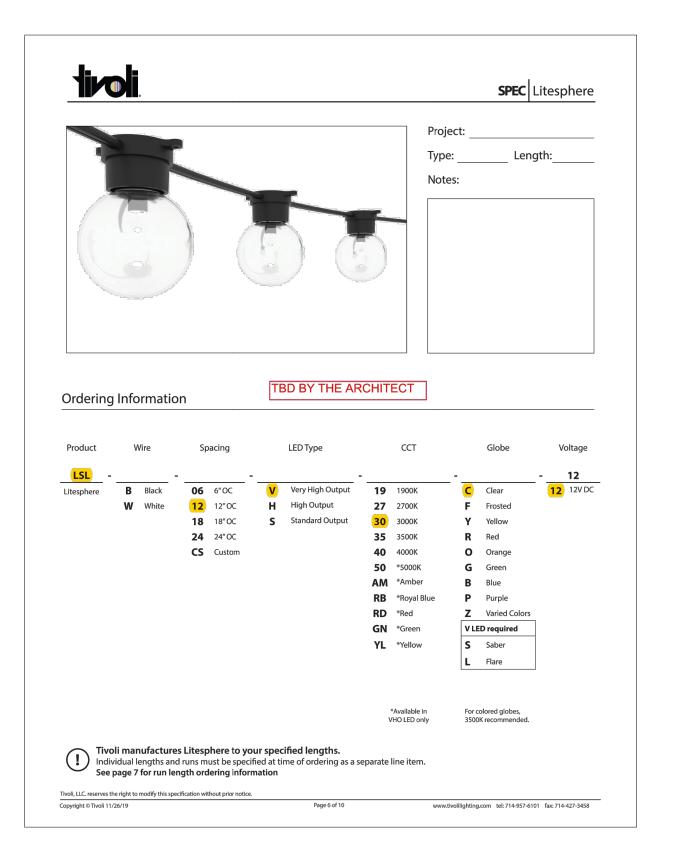
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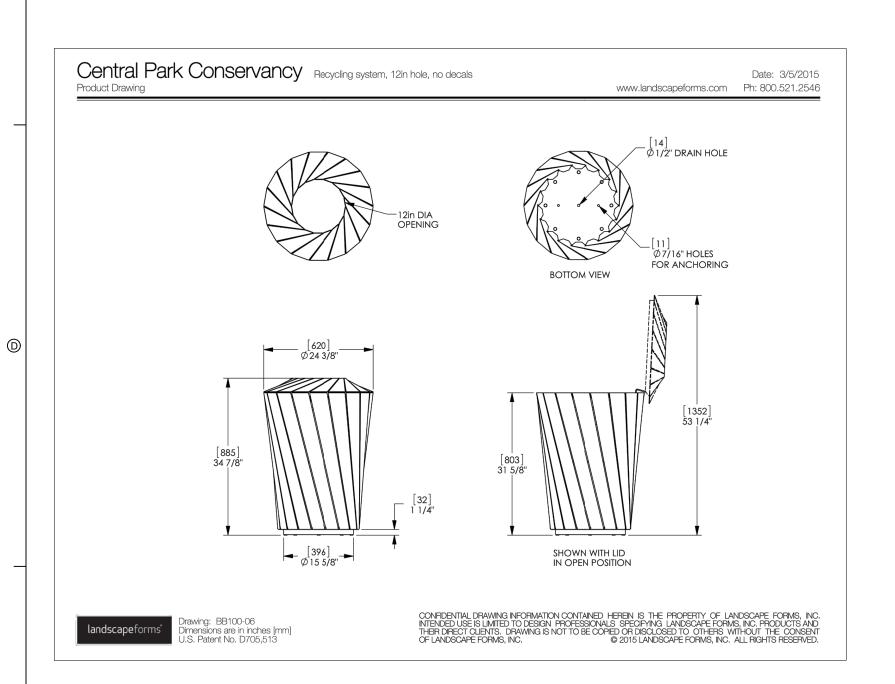
SITE DETAILS



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1704	
L/.U1	





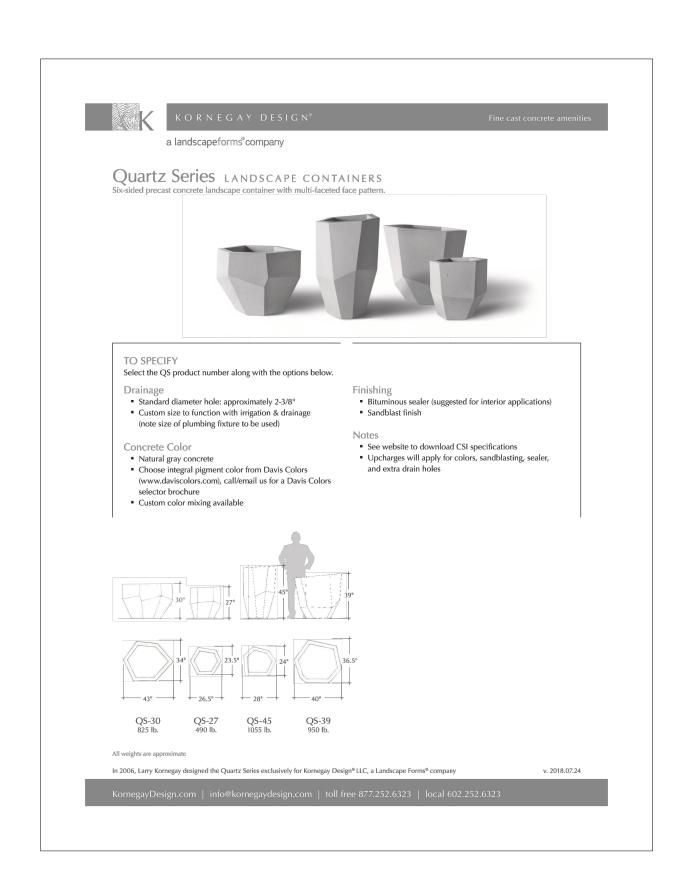


4 TRASH AND RECYCLING RECEPTACLE

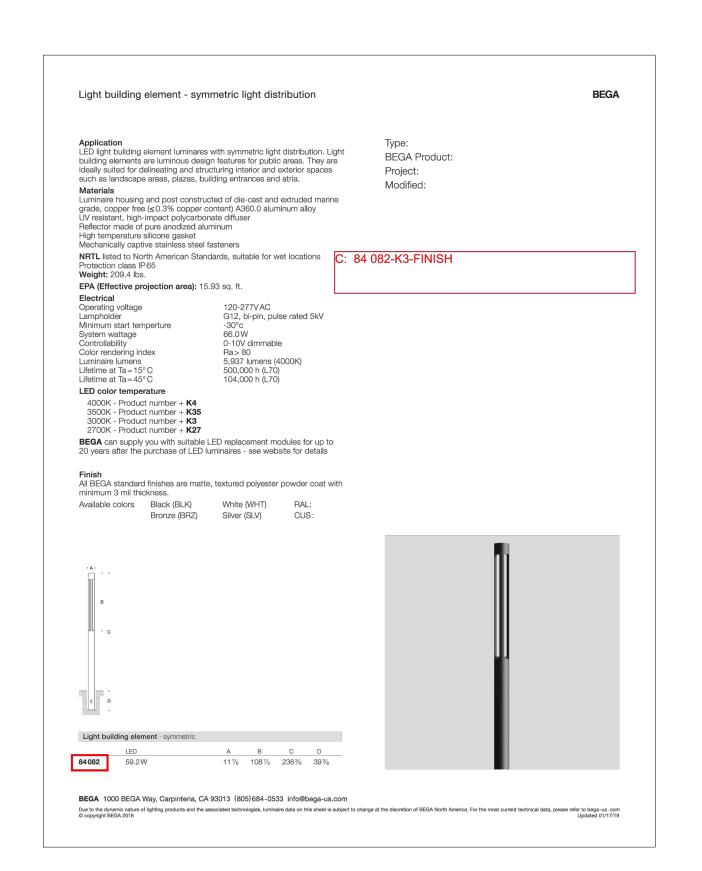


2 VEHICULAR POLE LIGHTING

B: MA10-L1L120-TYP3-VOLTAGE-FINISH-PMA-PTA25-FINISH



5 | PLANTER POTS



3 CULTURAL TRAIL LIGHT

1" = 1' 0"



(5)

5 BENCH



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ESIGN CHEMATIC 30%

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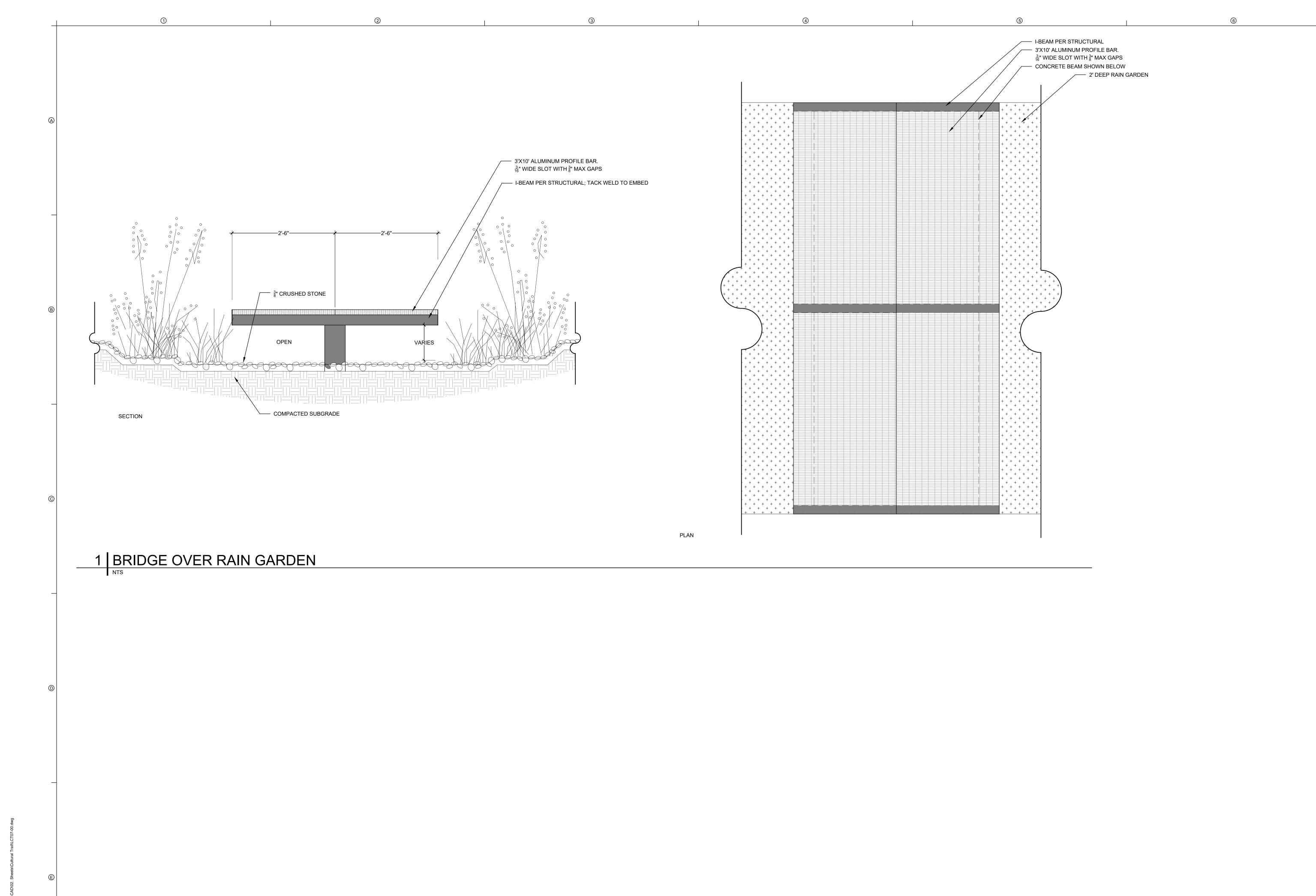
SHEET NAME

ISSUED DATE: 07-01-2020 PROJECT NO.: 005-007 DRAWN: ML REVIEWED: RL

SITE DETAILS



SHEET NUMBER L7.02



3



REEK - CULTURAL 1

S
DATE DESCRIPTION

PRELIMINARY
NOT FOR
CONSTRUCTION
Not for regulatory approval, permitting

Rebecca Leonard 3038

or construction.

ISSUED DATE: 07-01-2020
PROJECT NO.: 005-007

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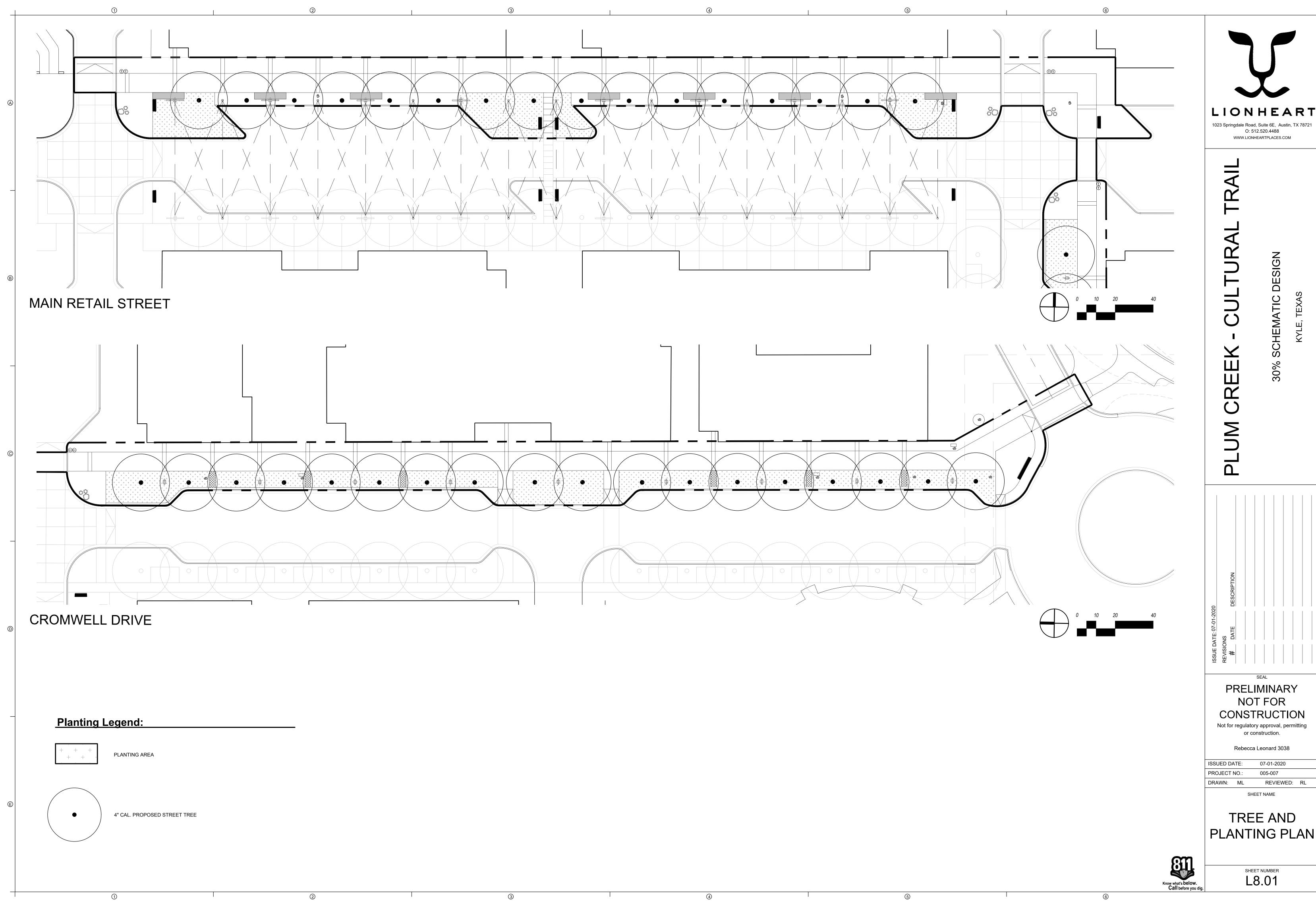
SHEET NAME

SITE DETAILS



(5)

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PRELIMINARY NOT FOR CONSTRUCTION

07-01-2020 REVIEWED: RL

PLANTING PLAN

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE PLANS, CITY (OR TOWN) STANDARD DETAILS AND SPECIFICATIONS. THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE CITY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING

SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION AND DETAIL SHALL BE FOLLOWED. THE CONTRACTOR SHALL COMPLY WITH CITY (OR TOWN) "GENERAL NOTES" FOR CONSTRUCTION, IF EXISTING AND REQUIRED BY THE 12. ALL STAGING, STOCKPILES, SPOIL, AND STORAGE SHALL BE PRESERVED WHENEVER POSSIBLE AND GRADING IMPACT TO THEM HELD TO A MINIMUM. CITY. FOR INSTANCES WHERE THEY CONFLICT WITH THESE KH GENERAL NOTES, THEN THE MORE RESTRICTIVE SHALL APPLY. 3. THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES' SPECIFICATIONS AND REQUIREMENTS.

THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE TOPOGRAPHIC SURVEY PREPARED BY THE PROJECT SURVEYOR, AND ARE BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS. 6. THE CONTRACTOR SHALL REVIEW AND VERIEY THE EXISTING TOPOGRAPHIC SURVEY SHOWN ON THE PLANS REPRESENTS EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES FOUND TO THE OWNER AND ENGINEER

7. IF THE CONTRACTOR DOES NOT ACCEPT THE EXISTING TOPOGRAPHIC SURVEY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY AT THEIR OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO THE OWNER AND ENGINEER FOR REVIEW.

8 CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SURVEYING AND STAKING 9. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL, INCLUDING BENCHMARKS PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS. PROPERTY LINES AND CORNERS SHALL BE HELD AS THE HORIZONTAL CONTROL. 10. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT 18. CONTRACTOR SHALL INSTALL A TEMPORARY SEDIMENT BASIN FOR ANY ON-SITE DRAINAGE AREAS THAT ARE GREATER THAN 10 AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE ARCHITECT, ENGINEER, AND IF APPLICABLE THE CITY AND OWNER, NO CONSIDERATION WILL BE GIVEN TO CHANGE PLANS, THEN THE CONTRACTOR SHALL ARRANGE FOR AN APPROPRIATE DESIGN TO BE PROVIDED. ORDERS FOR WHICH THE CITY, ENGINEER, AND OWNER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM. 19. ALL FINES IMPOSED FOR SEDIMENT OR DIRT DISCHARGED FROM THE SITE SHALL BE PAID BY THE RESPONSIBLE CONTRACTOR 11. CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, ARCHITECTURAL, AND OTHER PLANS PRIOR 20. WHEN SEDIMENT OR DIRT HAS CLOGGED THE CONSTRUCTION ENTRANCE VOID SPACES BETWEEN STONES OR DIRT IS BEING TO COMMENCING CONSTRUCTION. OWNER/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING WITH

12.IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK TO HAVE THEM LOCATE THEIR EXISTING UTILITIES CONSTRUCTION ENTRANCE. PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO 21. TEMPORARY SEEDING OR OTHER APPROVED STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE OF ANY THOSE IN THE GEOTECHNICAL REPORT, THEN THE MORE RESTRICTIVE SHALL BE FOLLOWED. BEGINNING CONSTRUCTION

14. CONTRACTOR SHALL USE EXTREME CAUTION AS THE SITE CONTAINS VARIOUS KNOWN AND UNKNOWN PUBLIC AND PRIVATE UTILITIES. MATERIAL, AND TRASH AS CONSTRUCTION PROGRESSES. 15. THE LOCATIONS. ELEVATIONS. DEPTH. AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY MAPS AND PLANS, AND ARE CONSIDERED APPROXIMATE AND INCOMPLETE. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY THE PRESENCE, LOCATION, ELEVATION, DEPTH, AND DIMENSION OF EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE ENGINEER SHALL BE NOTIFIED WHEN A PROPOSED IMPROVEMENT CONFLICTS WITH AN EXISTING UTILITY.

16. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY ADJUSTMENTS AND RELOCATIONS OF EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, ADJUSTING EXISTING MANHOLES TO MATCH PROPOSED GRADE. RELOCATING EXISTING POLES AND GUY WIRES THAT ARE LOCATED IN PROPOSED DRIVEWAYS, ADJUSTING THE STORM WATER DISCHARGE AUTHORIZATION: HORIZONTAL OR VERTICAL ALIGNMENT OF EXISTING UNDERGROUND UTILITIES TO ACCOMMODATE PROPOSED GRADE OR CROSSING 1. CONTRACTOR SHALL COMPLY WITH ALL TCEQ AND EPA STORM WATER POLLUTION PREVENTION REQUIREMENTS WITH A PROPOSED UTILITY, AND ANY OTHERS THAT MAY BE ENCOUNTERED THAT ARE UNKNOWN AT THIS TIME AND NOT SHOWN ON 2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS

17. CONTRACTOR SHALL ARRANGE FOR OR PROVIDE, AT ITS EXPENSE, ALL GAS, TELECOMMUNICATIONS, CABLE, OVERHEAD AND UNDERGROUND POWER LINE AND UTILITY POLE ADJUSTMENTS NEEDED. 18. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF FRANCHISE UTILITIES THAT ARE NECESSARY FOR ON-SITE AND OFF-SITE CONSTRUCTION AND SERVICE TO THE PROPOSED DEVELOPMENT 19. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTORS' FAILURE TO EXACTLY LOCATE AND 4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF PRESERVE ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED

BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN THE REQUIRED THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK. 20.BRACING OF UTILITY POLES MAY BE REQUIRED BY THE UTILITY COMPANIES WHEN TRENCHING OR EXCAVATING IN CLOSE PROXIMITY 6. A COPY OF THE SWPPP, INCLUDING NOI, SITE NOTICE, CONTRACTOR CERTIFICATIONS, AND ANY REVISIONS, SHALL BE SUBMITTED TO 15.REFER TO CITY STANDARD DETAILS AND SPECIFICATIONS FOR JOINT LAYOUT PLAN REQUIREMENTS FOR PUBLIC PAVEMENT.

TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR, WITH NO SEPARATE PAY ITEM FOR THIS WORK. THE COST IS INCIDENTAL TO THE PAY ITEM. 21. CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL LINES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL AND UTILITY OWNER REGULATIONS PERTAINING

22.THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS, APPROVALS, AND BONDS PRIOR TO CONSTRUCTION. 23.THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, DEMOLITION

CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS. 24.ALL SHOP DRAWINGS AND OTHER DOCUMENTS THAT REQUIRE ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF CONSTRUCTION OF THAT ITEM, SO THAT NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND

RESPONSE IS AVAILABLE 25.ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO USE OF THE FACILITY AND THE FINAL CONNECTION OF SERVICES. 26.CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.

27.CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES. 28.ALL SYMBOLS SHOWN ON THESE PLANS (E.G. FIRE HYDRANT, METERS, VALVES, INLETS, ETC....) ARE FOR PRESENTATION OF 25.CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT ONLY AND ARE NOT TO SCALE. CONTRACTOR SHALL COORDINATE FINAL SIZES AND LOCATIONS WITH APPROPRIATE CITY INSPECTOR. IMPROVEMENTS, UTILITIES, ETC. TO ACCOMPLISH THIS GOAL ARE THE RESPONSIBILITY OF THE CONTRACTOR. 29. THE SCOPE OF WORK FOR THE CIVIL IMPROVEMENTS SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. REFERENCE THE BUILDING PLANS (E.G. ARCHITECTURAL, STRUCTURAL, MEP) FOR AREAS WITHIN 5-FEET OF THE BUILDING AND WITHIN IMPLEMENTING THE DEMOLITION PLANS

THE BUILDING FOOTPRINT 30.REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ALL FINAL BUILDING DIMENSIONS 31.THE PROPOSED BUILDING FOOTPRINT(S) SHOWN IN THESE PLANS WAS PROVIDED TO KIMLEY-HORN AND ASSOCIATES, INC. (KH) BY c. GEOTECHNICAL REPORT PROVIDED BY THE OWNER. THE PROJECT ARCHITECT AT THE TIME THESE PLANS WERE PREPARED. IT MAY NOT BE THE FINAL CORRECT VERSION BECAUSE THE d. OTHER REPORTS THAT ARE APPLICABLE AND AVAILABLE BUILDING DESIGN WAS ONGOING. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFIRMING THE FINAL CORRECT VERSION OF 5. CONTRACTOR SHALL CONTACT THE OWNER TO VERIFY WHETHER ADDITIONAL REPORTS OR AMENDMENTS TO THE ABOVE CITED THE BUILDING FOOTPRINT WITH THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO LAYOUT. DIMENSIONS AND/OR COORDINATES REPORTS HAVE BEEN PREPARED AND TO OBTAIN/REVIEW/AND COMPLY WITH THE RECOMMENDATION OF SUCH STUDIES PRIOR TO SHOWN ON THESE PLANS WERE BASED ON THE ABOVE STATED ARCHITECTURAL FOOTPRINT, AND ARE THEREFORE A PRELIMINARY STARTING ANY WORK ON THE SITE.

ESENTS (E.G. SLAB, OUTSIDE WALL, MASONRY LEDGE, ETC.....) AND TO CONFIRM ITS FINAL POSITION ON THE SITE BASED ON THE FINAL ARCHITECTURAL FOOTPRINT, CIVIL DIMENSION CONTROL PLAN, SURVEY BOUNDARY AND/OR PLAT. ANY DIFFERENCES FOUND SHALL BE REPORTED TO KH IMMEDIATELY 32.ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING

SUBSEQUENT ADDENDA. 33.CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. MATERIALS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND COMPLY WITH CITY STANDARD SPECIFICATIONS AND GEOTECHNICAL REPORT. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR

TESTING MATERIALS. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR MATERIALS TESTING. 34.ALL COPIES OF MATERIALS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING 35.IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE MATERIALS WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS

36.DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED CURB ELEVATION. BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING. 37.ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS OUTSIDE OF THE WORK AREA WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR

LIDS, FIRE HYDRANTS, COMMUNICATION BOXES/PEDESTALS, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT 39. THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY OR PUBLIC IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: FENCES, WALLS, SIGNS, PAVEMENT, CURBS, UTILITIES, SIDEWALKS, GRASS, TREES, LANDSCAPING, AND IRRIGATION SYSTEMS, ETC.... TO ORIGINAL CONDITION OR BETTER AT NO COST TO THE OWNER.

INCLUDING AS NECESSARY GRADING, LANDSCAPING, CULVERTS, AND PAVEMENT. 41.THE CONTRACTOR SHALL SALVAGE ALL EXISTING POWER POLES, SIGNS, WATER VALVES, FIRE HYDRANTS, METERS, ETC... THAT ARE TO BE RELOCATED DURING CONSTRUCTION. 42.CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING

40.ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION OR BET

EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES. 43.THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONA ENGINEER IN THE STATE OF TEXAS. TO THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY. 14.THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.

45.SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. 46.THESE PLANS DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES. AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE ENGINEER'S SEAL HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY

47.SIGNS RELATED TO SITE OPERATION OR SAFETY ARE NOT INCLUDED IN THESE PLANS. 48.CONTRACTOR OFFICE AND STAGING AREA SHALL BE AGREED ON BY THE OWNER AND CONTRACTOR PRIOR TO BEGINNING OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING REQUIREMENTS FOR THE CONSTRUCTION OFFICE, TRAILER, 15. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING STORAGE, AND STAGING OPERATIONS AND LOCATIONS.

49.LIGHT POLES, SIGNS, AND OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN ACCESSIBLE ROUTES. 50.ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "TEXAS MANUAL ON UNIFORM

TRAFFIC CONTROL DEVICES" 51.TOP RIM ELEVATIONS OF ALL EXISTING AND PROPOSED MANHOLES SHALL BE COORDINATED WITH TOP OF PAVEMENT OR FINISHED 18.REFER TO DIMENSION CONTROL PLAN, AND PLAT FOR HORIZONTAL DIMENSIONS. GRADE AND SHALL BE ADJUSTED TO BE FLUSH WITH THE ACTUAL FINISHED GRADE AT THE TIME OF PAVING. 52.CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED VALVES, FIRE HYDRANTS, AND OTHER UTILITY APPURTENANCES TO MATCH ACTUAL FINISHED GRADES AT THE TIME OF PAVING.

OFFICIALS, INCLUDING BUILDING OFFICIAL, ENGINEERING INSPECTOR, AND FIRE MARSHALL TO LEARN OF ANY REQUIREMENTS. 54.CONTRACTOR IS RESPONSIBLE FOR PREPARATION, SUBMITTAL, AND APPROVAL BY THE CITY OF A TRAFFIC CONTROL PLAN PRIOR TO THE START OF CONSTRUCTION, AND THEN THE IMPLEMENTATION OF THE PLAN.

55.CONTRACTOR SHALL KEEP A NEAT AND ACCURATE RECORD OF CONSTRUCTION, INCLUDING ANY DEVIATIONS OR VARIANCES FROM 21.ALL COPIES OF SOILS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING

56. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT PLANS TO THE ENGINEER AND CITY IDENTIFYING ALL DEVIATIONS AND VARIATIONS FROM THESE PLANS MADE DURING CONSTRUCTION.

THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL AND WATER QUALITY REQUIREMENTS, LAWS, AND ORDINANCES THAT APPLY TO THE CONSTRUCTION SITE LAND DISTURBANCE 2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE "TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS

POLLUTANT DISCHARGE ELIMINATION SYSTEM TXR 150000". 3. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING. OF LAND DISTURBANCE

5. CONTRACTOR IS SOLELY RESPONSIBLE FOR INSTALLATION, IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL EROSION 26. THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY CONTROL DEVICES, BEST MANAGEMENT PRACTICES (BMPS), AND FOR UPDATING THE EROSION CONTROL PLAN DURING CONSTRUCTION AS FIELD CONDITIONS CHANGE.

6. CONTRACTOR SHALL DOCUMENT THE DATES OF INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL FOR EACH BMP EMPLOYED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE. AS STORM SEWER INLETS ARE INSTALLED ON-SITE, TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED AT EACH INLET

8. THE EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE AREA IT PROTECTS HAS BEEN PERMANENTLY STABILIZED. CONTRACTOR SHALL PROVIDE ADEQUATE EROSION CONTROL DEVICES NEEDED DUE TO PROJECT PHASING. 10. CONTRACTOR SHALL OBSERVE THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES AND MAKE FIELD ADJUSTMENTS AND

MODIFICATIONS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE SITE. IF THE EROSION CONTROL DEVICES DO NOT

EFFECTIVELY CONTROL EROSION AND PREVENT SEDIMENTATION FROM WASHING OFF THE SITE, THEN THE CONTRACTOR SHALL NOTIFY THE ENGINEER 1.OFF-SITE SOIL BORROW, SPOIL, AND STORAGE AREAS (IF APPLICABLE) ARE CONSIDERED AS PART OF THE PROJECT SITE AND MUST 31.CONTRACTOR SHALL REFER TO THE LANDSCAPING AND TREE PRESERVATIONS PLANS FOR ALL INFORMATION AND DETAILS ALSO COMPLY WITH THE EROSION CONTROL REQUIREMENTS FOR THIS PROJECT. THIS INCLUDES THE INSTALLATION OF BMP'S TO CONTROL EROSION AND SEDIMENTATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED AREAS PRIOR TO32.NO TREE SHALL BE REMOVED UNLESS A TREE REMOVAL PERMIT HAS BEEN ISSUED BY THE CITY, OR CITY HAS OTHERWISE FINAL APPROVAL OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP AND EROSION CONTROL PLAN TO INCLUDE BMPS FOR ANY OFF-SITE THAT ARE NOT ANTICIPATED OR SHOWN ON THE EROSION CONTROL PLAN. QUALITY. PROTECTIVE MEASURES SHALL BE PROVIDED IF NEEDED TO ACCOMPLISH THIS REQUIREMENT, SUCH AS COVERING OR ENCIRCLING THE AREA WITH AN APPROPRIATE BARRIER.

13. CONTRACTORS SHALL INSPECT ALL EROSION CONTROL DEVICES. BMPS. DISTURBED AREAS. AND VEHICLE ENTRY AND EXIT AREAS

WEEKLY AND WITHIN 24 HOURS OF ALL RAINFALL EVENTS OF 0.5 INCHES OR GREATER, AND KEEP A RECORD OF THIS INSPECTION IN THE SWPPP BOOKLET IF APPLICABLE, TO VERIFY THAT THE DEVICES AND EROSION CONTROL PLAN ARE FUNCTIONING PROPERLY. 14. CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT ALL PRIMARY POINTS OF ACCESS IN ACCORDANCE WITH CITY SPECIFICATIONS. CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION TRAFFIC USES THE STABILIZED ENTRANCE AT RETAINING WALLS: ALL TIMES FOR ALL INGRESS/EGRESS 15. SITE ENTRY AND EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING AND FLOWING OF SEDIMENT AND AT THE TOP AND BOTTOM OF THE WALL

DIRT ONTO OFF-SITE ROADWAYS. ALL SEDIMENT AND DIRT FROM THE SITE THAT IS DEPOSITED ONTO AN OFF-SITE ROADWAY SHALL 2. RETAINING WALL TYPE OR SYSTEM SHALL BE SELECTED BY THE OWNER 16. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS THAT ARE A RESULT OF THE CONSTRUCTION, AS REQUESTED BY OWNER AND CITY. AT A MINIMUM, THIS SHOULD OCCUR ONCE PER DAY FOR THE BY A LICENSED ENGINEER AND ARE NOT PART OF THIS PLAN SET. **OFF-SITE ROADWAYS** 17. WHEN WASHING OF VEHICLES IS REQUIRED TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, IT SHALL BE DONE IN AN AREA

STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP BMP. ACRES, PER TCEQ AND CITY STANDARDS. IF NO ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN ON THESE PAVIN TRACKED ONTO A ROADWAY. THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASH-DOWN OPERATION SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL 2. ALL PRIVATE ON-SITE PAVING SUBGRADE SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR SEDIMENTATION. PERIODIC RE-GRADING OR NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE

AREA, UNLESS ADDITIONAL CONSTRUCTION IN THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE. 13. CONTRACTOR SHALL CALL TEXAS 811 AN ADEQUATE AMOUNT OF TIME PRIOR TO COMMENCING CONSTRUCTION OR ANY EXCAVATION. 22. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING CONSTRUCTION, ALWAYS CLEANING UP DIRT, LOOSE

> 23.UPON COMPLETION OF FINE GRADING, ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. STABILIZATION IS ACHIEVED WHEN THE AREA IS EITHER COVERED BY PERMANENT IMPERVIOUS STRUCTURES, SUCH AS BUILDINGS, SIDEWALK, PAVEMENT, OR A UNIFORM PERENNIAL VEGETATIVE COVER. 24.AT THE CONCLUSION OF THE PROJECT, ALL INLETS, DRAIN PIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES AFFECTED BY THE CONSTRUCTION SHALL BE DREDGED, AND THE SEDIMENT GENERATED BY THE PROJECT SHALL BE REMOVED AND DISPOSED IN 7.

ACCORDANCE WITH APPLICABLE REGULATIONS

POLLUTANT DISCHARGE ELIMINATION SYSTEM TXR 150000.

3. THE CONTRACTOR SHALL ENSURE THAT ALL PRIMARY OPERATORS SUBMIT A NOI TO TCEQ AT LEAST SEVEN DAYS PRIOR TO COMMENCING CONSTRUCTION (IF APPLICABLE), OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION. ALL PRIMARY OPERATORS SHALL PROVIDE A COPY OF THE SIGNED NOI TO THE OPERATOR OF ANY MS4 (TYPICALLY THE CITY) RECEIVING DISCHARGE FROM THE SITE.

APPLICABLE, INCLUDING POSTING SITE NOTICE, INSPECTIONS, DOCUMENTATION, AND SUBMISSION OF ANY INFORMATION REQUIRED 13. CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR FIRE LANES, PARKING STALLS, HANDICAPPED PARKING BY THE TCEQ AND EPA (E.G. NOI) CONTRACTOR CERTIFICATION STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP.

THE CITY BY THE CONTRACTOR AND SHALL BE RETAINED ON-SITE DURING CONSTRUCTION. 7. A NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO TCEO BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL UNPAVED AREAS AND AREAS NOT COVERED BY STRUCTURES, A TRANSFER OF OPERATIONAL CONTROL HAS OCCURRED, OR THE OPERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT SHALL BE PROVIDED TO 18. THE MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS SHALL BE 2 FEET. THE OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THE SITE.

GEOTECHNICAL REPORT AND ADDENDA, PROJECT AND CITY SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED 1. KH IS NOT RESPONSIBLE FOR THE MEANS SPECIFICALLY DICTATE TO THE CONTRARY, ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE ORIENTED SO THIS PRELIMINARY DEMOLITION PLAN SIMPLY INDICATES THE KNOWN OBJECTS ON THE SUBJECT TRACT THAT ARE TO BE

DEMOLISHED AND REMOVED FROM THE SITE. 2. KH DOES NOT WARRANT OR REPRESENT THAT THE PLAN. WHICH WAS PREPARED BASED ON SURVEY AND UTILITY INFORMATION PROVIDED BY OTHERS, SHOWS ALL IMPROVEMENTS AND UTILITIES, THAT THE IMPROVEMENTS AND UTILITIES ARE SHOWN ACCURATELY, OR THAT THE UTILITIES SHOWN CAN BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ITS OWN SITE FHA) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE RECONNAISSANCE TO SCOPE ITS WORK AND TO CONFIRM WITH THE OWNERS OF IMPROVEMENTS AND UTILITIES THE ABILITY AND PROCESS FOR THE REMOVAL OF THEIR FACILITIES. . THIS PLAN IS INTENDED TO GIVE A GENERAL GUIDE TO THE CONTRACTOR. NOTHING MORE, THE GOAL OF THE DEMOLITION IS TO

4. CONTRACTOR IS STRONGLY CAUTIONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING AND

a. ENVIRONMENTAL SITE ASSESSMENT PROVIDED BY THE OWNER. ASBESTOS BUILDING INSPECTION REPORT(S) PROVIDED BY THE OWNER

THE SITE, DETERMINE THE APPLICABLE REGULATIONS, RECEIVE THE REQUIRED PERMITS AND AUTHORIZATIONS, AND COMPLY.

7. KH DOES NOT REPRESENT THAT THE REPORTS AND SURVEYS REFERENCED ABOVE ARE ACCURATE, COMPLETE, OR COMPREHENSIVE OF CURB INLETS AND GRATE INLETS AND ALL UTILITIES CROSSING THE STORM SEWER. SHOWING ALL ITEMS THAT WILL NEED TO BE DEMOLISHED AND REMOVED. 8. SURFACE PAVEMENT INDICATED MAY OVERLAY OTHER HIDDEN STRUCTURES, SUCH AS ADDITIONAL LAYERS OF PAVEMENT, FOUNDATIONS OR WALLS, THAT ARE ALSO TO BE REMOVED.

. THE CONTRACTOR AND GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS. INCLUDING GRADES AND DIMENSIONS BEFORE START OF CONSTRUCTION. THE CIVIL ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF 8. ALL PVC TO RCP CONNECTIONS AND ALL STORM PIPE CONNECTIONS ENTERING STRUCTURES OR OTHER STORM PIPES SHALL HAVE A

THE 2. CONTRACTOR SHALL OBTAIN ANY REQUIRED GRADING PERMITS FROM THE CITY. 3. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREA REFLECT TOP OF PAVEMENT SURFACE. IN LOCATIONS ALONG A CURB LINE, ADD 6-INCHES (OR THE HEIGHT OF THE CURB) TO THE PAVING GRADE FOR TOP OF

4. PROPOSED SPOT ELEVATIONS AND CONTOURS OUTSIDE THE PAVEMENT ARE TO TOP OF FINISHED GRADE 5. PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN CASE OF DISCREPANCY. ALL FINISHED GRADES SHALL TRANSITION UNIFORMLY BETWEEN THE FINISHED ELEVATIONS SHOWN

38.THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, MANHOLES, POLES, GUY WIRES, VALVE COVERS, VAULT 7. CONTOURS AND SPOT GRADES SHOWN ARE ELEVATIONS OF TOP OF THE FINISHED SURFACE. WHEN PERFORMING THE GRADING OPERATIONS, THE CONTRACTOR SHALL PROVIDE AN APPROPRIATE ELEVATION HOLD-DOWN ALLOWANCE FOR THE THICKNESS OF PAVEMENT, SIDEWALK, TOPSOIL, MULCH, STONE, LANDSCAPING, RIP-RAP AND ALL OTHER SURFACE MATERIALS THAT WILL CONTRIBUTE TO THE TOP OF FINISHED GRADE. FOR EXAMPLE, THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF THE PAVEMENT SECTION 8. NO REPRESENTATIONS OF EARTHWORK QUANTITIES OR SITE BALANCE ARE MADE BY THESE PLANS. THE CONTRACTOR SHALL

> PROVIDE THEIR OWN EARTHWORK CALCULATION TO DETERMINE THEIR CONTRACT QUANTITIES AND COST. ANY SIGNIFICANT VARIANCE FROM A BALANCED SITE SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER. ALL GRADING AND EARTHWORK SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING POND NOTES SUBSEQUENT ADDENDA. 10. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL 2. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR

> WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE 1. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START TESTING TO ENSURE THE POND LINER MATERIAL PLACED IS WATERTIGHT. OF GRADING. REFERENCE EROSION CONTROL PLAN, DETAILS, GENERAL NOTES, AND SWPPP FOR ADDITIONAL INFORMATION AND 4. STORM SEWER PIPES AND HEADWALLS THAT CONNECT TO A POND INTENDED TO HOLD WATER INDEFINITELY SHALL BE INSTALLED REQUIREMENTS. 12.BEFORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF THE PROJECT'S PROPERTY 5. ANY GRAVEL OR OTHER PERVIOUS EMBEDMENT AROUND PIPES OR OUTFALL STRUCTURES NEAR THE POND SHALL BE ELIMINATED

> LINE AND SITE IMPROVEMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED TO EARTHWORK 13. CONTRACTOR TO DISPOSE OF ALL EXCESS EXCAVATION MATERIALS IN A MANNER THAT ADHERES TO LOCAL, STATE AND FEDERAL 6. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE WATER LEVEL FOLLOWING COMPLETION AND FILLING OF THE POND LAWS AND REGULATIONS. THE CONTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH THE RECEIVING LANDOWNER'S APPROVAL TO DO SO.

14. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING. CONTRACTOR SHALL REFER TO LANDSCAPE ARCHITECTURE PLANS FOR SPECIFICATIONS AND REQUIREMENTS FOR TOPSOIL. EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES. 16.NO EARTHWORK FILL SHALL BE PLACED IN ANY EXISTING DRAINAGE WAY, SWALE, CHANNEL, DITCH, CREEK, OR FLOODPLAIN FOR ANY WATER AND WASTEWATER

REASON OR ANY LENGTH OF TIME, UNLESS THESE PLANS SPECIFICALLY INDICATE THIS IS REQUIRED. 17. TEMPORARY CULVERTS MAY BE REQUIRED IN SOME LOCATIONS TO CONVEY RUN-OFF 19. THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND CONDITION FILL PER THE PROJECT GEOTECHNICAL

ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO 53. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SEQUENCING AND PHASING, AND SHALL CONTACT THE APPROPRIATE CITY 20. CONTRACTOR IS RESPONSIBLE FOR ALL SOILS ALL UTILITY SERVICES ENTERING THE BUILDING. TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND SHALL COMPLY WITH CITY STANDARD SPECIFICATIONS AND THE GEOTECHNICAL REPORT. SOILS TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY 5. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF FOR TESTING SOILS. THE OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR SOILS TESTING

> 22.IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE SOILS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS 23.THE SCOPE OF WORK FOR CIVIL IMPROVEMENT SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. CONTRACTOR 8. FIRE SPRINKLER LINES SHALL BE DESIGNED AND INSTALLED BY A LICENSED FIRE SPRINKLER CONTRACTOR, AND COMPLY TO THE SHALL REFER TO THE GEOTECHNICAL REPORT AND STRUCTURAL PLANS AND SPECIFICATIONS FILL, CONDITIONING, AND PREPARATION IN THE BUILDING PAD.

24.DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED 10. CONTRACTOR SHALL TAKE REQUIRED SANITARY PRECAUTIONS, FOLLOWING ANY CITY, TCEQ, AND AWWA STANDARDS, TO KEEP BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO 25. CONTRACTOR SHALL ENSURE THAT SUFFICIENT POSITIVE SLOPE AWAY FROM THE BUILDING PAD IS ACHIEVED FOR ENTIRE 4. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROPOSED BUILDING(S) DURING GRADING OPERATIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR

OBSERVES THAT THIS WILL NOT BE ACHIEVED, THE CONTRACTOR SHALL CONTACT THE ENGINEER TO REVIEW THE LOCATION. SPRINKLING WATER, OR BY OTHER MEANS APPROVED BY THE CITY, AT NO ADDITIONAL COST TO THE OWNER. NEEDED FOR GRADING OPERATIONS AND TO ACCOMMODATE PROPOSED GRADE, INCLUDING THE UNKNOWN UTILITIES NOT SHOWN ON THESE PLANS. CONTRACTOR SHALL REFER TO THE GENERAL NOTES "OVERALL" SECTION THESE PLANS FOR ADDITIONAL

28.EXISTING TREE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES FOUND IN THE FIELD THAT AFFECT THE GRADING PLAN TO THE CIVIL ENGINEER. 29.CONTRACTOR SHALL FIELD VERIFY ALL PROTECTED TREE LOCATIONS. INDIVIDUAL PROTECTED TREE CRITICAL ROOT ZONES. AND PROPOSED SITE GRADING, AND NOTIFY THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH THE TREE PRESERVATION PLAN BY THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING THE WORK.

30. TREE PROTECTION MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY STANDARD TREE PROTECTION DETAILS AND THE WORK SHALL BE CONSIDERED AS A SUBSIDIARY COST TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. APPROVED TREE PRESERVATION PLANS BY THE LANDSCAPE ARCHITECT REGARDING EXISTING TREES TO BE REMOVED AND PRESERVED.

CONFIRMED IN WRITING THAT ONE IS NOT NEEDED FOR THE TREE(S) 33.NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE

34.AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING AND INADEQUATE SLOPE FOR DRAINAGE. ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE 23.ALL WATER AND WASTEWATER SHALL BE TESTED IN ACCORDANCE WITH THE CITY, AWWA, AND TCEQ STANDARDS AND

INTENDED STRUCTURE TO CONVEY STORMWATER RUNOFF. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND ENGINEER IF ANY SPECIFICATIONS. AT A MINIMUM, THIS SHALL CONSIST OF THE FOLLOWING: AREAS OF POOR DRAINAGE ARE DISCOVERED 35.CONTRACTOR FIELD ADJUSTMENT OF PROPOSED SPOT GRADES IS ALLOWED, IF THE APPROVAL OF THE CIVIL ENGINEER IS OBTAINED. SHALL COORDINATE WITH THE CITY FOR THEIR REQUIRED PROCEDURES AND SHALL ALSO COMPLY WITH TCEQ REGULATIONS.

RETAINING WALLS SHOWN ARE FOR SITE GRADING PURPOSES ONLY, AND INCLUDE ONLY LOCATION AND SURFACE SPOT ELEVATIONS INSPECTION SHALL BE PERFORMED AND PROVIDED TO THE CITY AND OWNER ON A DVD.

. RETAINING WALL DESIGN SHALL BE PROVIDED BY OTHERS AND SHALL FIT IN THE WALL ZONE OR LOCATION SHOWN ON THESE PLANS. STRUCTURAL DESIGN AND PERMITTING OF RETAINING WALLS, RAILINGS, AND OTHER WALL SAFETY DEVICES SHALL BE PERFORMED 4. RETAINING WALL DESIGN SHALL MEET THE INTENT OF THE GRADING PLAN AND SHALL ACCOUNT FOR ANY INFLUENCE ON ADJACENT BUILDING FOUNDATIONS, UTILITIES, PROPERTY LINES AND OTHER CONSTRUCTABILITY NOTES. 5. RETAINING WALL ENGINEER SHALL CONSULT THESE PLANS AND THE GEOTECHNICAL REPORT FOR POTENTIAL CONFLICTS.

ALL PAVING MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS. THE CITY STANDARD DETAILS AND SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE CITY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION/DETAIL SHALL BE FOLLOWED. LATEST EDITION). INCLUDING ALL ADDENDA.

3. ALL FIRELANE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARDS AND DETAILS. IF THESE ARE DIFFERENT THAN 4 ALL PUBLIC PAVING AND PAVING SURGRADE SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS 5. CONTRACTOR IS RESPONSIBLE FOR ALL PAVING AND PAVING SUBGRADE TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL PAVING AND PAVING SUBGRADE TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING PAVING AND SUBGRADE. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR PAVING AND PAVING SUBGRADE TESTING. 6. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW. BY THE STANDARD TESTING PROCEDURES OF THE PAVING AND PAVING SUBGRADE THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS. . DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING. IF NONE IS CURRENTLY EXISTING.

8. CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BASED ON THE CITY STANDARD CONSTRUCTION DETAIL AND SPECIFICATIONS. PRIVATE CURB RAMPS ON THE SITE (I.E. OUTSIDE PUBLIC STREET RIGHT-OF-WAY) SHALL CONFORM TO ADA AND TAS STANDARDS 10. ALL ACCESSIBLE RAMPS, CURB RAMPS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA AND TAS STANDARDS, LATEST

EDITION. 11. ANY COMPONENTS OF THE PROJECT SUBJECT TO RESIDENTIAL USE SHALL ALSO CONFORM TO THE FAIR HOUSING ACT, AND COMPLY WITH THE FAIR HOUSING ACT DESIGN MANUAL BY THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT. 12.CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT TO MATCH EXISTING PAVEMENT WITH A SMOOTH, FLUSH, CONNECTION. SYMBOLS. AND MISCELLANEOUS STRIPING WITHIN PARKING LOT AND AROUND BUILDING AS SHOWN ON THE PLANS. ALL PAINT AND PAVEMENT MARKINGS SHALL ADHERE TO CITY AND OWNER STANDARDS.

14. REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT PLAN REQUIREMENTS FOR PRIVATE PAVEMENT 16. ALL REINFORCING STEEL SHALL CONFORM TO THE GEOTECHNICAL REPORT, CITY STANDARDS, AND ASTM A-615, GRADE 60, AND SHALL BE SUPPORTED BY BAR CHAIRS. CONTRACTOR SHALL USE THE MORE STRINGENT OF THE CITY AND GEOTECHNICAL STANDARDS

17. ALL JOINTS SHALL EXTEND THROUGH THE CURB. 19. CONTRACTOR SHALL SUBMIT A JOINTING PLAN TO THE ENGINEER AND OWNER PRIOR TO BEGINNING ANY OF THE PAVING WORK. 20.ALL SAWCUTS SHALL BE FULL DEPTH FOR PAVEMENT REMOVAL AND CONNECTION TO EXISTING PAVEMENT 21.FIRE LANES SHALL BE MARKED AND LABELED AS A FIRELANE PER CITY STANDARDS

THEY ARE READILY VISIBLE TO THE ONCOMING TRAFFIC FOR WHICH THEY ARE INTENDED. 23.CONTRACTOR IS RESPONSIBLE FOR INSTALLING NECESSARY CONDUIT FOR LIGHTING, IRRIGATION, ETC. PRIOR TO PLACEMENT OF PAVEMENT, ALL CONSTRUCTION DOCUMENTS (CIVIL, MEP. LANDSCAPE, IRRIGATION, AND ARCHITECT) SHALL BE CONSULTED. 24.BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA, TAS, AND ROUTES. IN NO CASE SHALL AN ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPE EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.0 PERCENT. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0 PERCENT SLOPE IN ANY DIRECTION TO VERIFY THAT ADA/TAS SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA AND TAS SLOPE

COMPLIANCE ISSUES.

ALL STORM SEWER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND

2. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM SEWER. 3. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM LOCATION OF THE BUILDING. THE CONTRACTOR IS SOLELY RESPONSIBLE TO VERIFY WHAT PART OF THE BUILDING THE BUILDI

4. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION 5. FLOW LINE, TOP-OF-CURB, RIM, THROAT, AND GRATE ELEVATIONS OF PROPOSED INLETS SHALL BE VERIFIED WITH THE GRADING PLAN AND FIELD CONDITIONS PRIOR TO THEIR INSTALLATION.

6. ALL PUBLIC STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS. 7. ALL PRIVATE STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE.

CONCRETE COLLAR AND BE GROUTED TO ASSURE THE CONNECTION IS WATERTIGHT. 9. ALL PUBLIC STORM SEWER LINES SHALL BE MINIMUM CLASS III RCP. PRIVATE STORM SEWER LINES 18-INCHES AND GREATER SHALL BE CLASS III RCP OR OTHER APPROVED MATERIAL 10. WHERE COVER EXCEEDS 20-FEET OR IS LESS THAN 2-FEET, CLASS IV RCP SHALL BE USED. 11.IF CONTRACTOR PROPOSES TO USE HDPE OR PVC IN LIEU OF RCP FOR PRIVATE STORM SEWER, CONTRACTOR SHALL SUBMIT

TECHNICAL DATA TO THE OWNER, ENGINEER AND CITY ENGINEER/INSPECTOR FOR APPROVAL PRIOR TO ORDERING THE MATERIAL. ANY PROPOSED HDPE AND PVC SHALL BE WATERTIGHT 12. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES.

13.EMBEDMENT FOR ALL STORM SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS. 14. ALL WYE CONNECTIONS AND PIPE BENDS ARE TO BE PREFABRICATED AND INSTALLED PER MANUFACTURERS SPECIFICATIONS. 15.USE 4 FOOT JOINTS WITH BEVELED ENDS IF RADIUS OF STORM SEWER IS LESS THAN 100 FEET. 16. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS. TO THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY. 17. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.

THE WATER AND WASTEWATER IMPROVEMENTS.

. ANY PONDS THAT ARE INTENDED TO HOLD WATER INDEFINITELY SHALL BE CONSTRUCTED WATERTIGHT. POND LINER SPECIFICATIONS. 3. A GEOTECHNICAL ENGINEER SHALL REVIEW AND APPROVE ALL POND LINER MATERIAL, PLACEMENT PROCEDURES, AND PROVIDE

WITH WATERTIGHT JOINTS TO AT LEAST 1-FOOT ABOVE THE NORMAL POOL WATER SURFACE ELEVATION. FOR AT LEAST 20-FEET FROM THE POND SO NO ROUTE FOR WATER TO LEAK THROUGH THE EMBEDMENT MATERIAL IS PROVIDED. BACKFILL IN THESE AREAS SHALL BE OF IMPERVIOUS MATERIAL SHALL BE MONITORED BY THE CONTRACTOR FOR AT LEAST 60 DAYS TO OBSERVE WATER INFLOW, OUTFLOW, AND CALCULATE EVAPORATION TO VERIFY THAT THE POND IS WATERTIGHT.

7. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE POND WATER LEVEL SHALL ALSO BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION SO THAT IT REMAINS FULL TO ITS DESIGN WATER LEVEL, AND IS NOT LOWERED, AS THIS MAY DRY-OUT THE POND LINER AND RISK ITS WATERTIGHT PROPERTIES.

ALL WATER AND WASTEWATER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS. 2. CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING WATER AND

WASTEWATER FACILITIES THAT ARE TO BE CONNECTED TO, PRIOR TO START OF CONSTRUCTION OF ANY WATER OR WASTEWATER CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED 3. CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF 4. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF ALL UTILITY CROSSINGS PRIOR TO THE INSTALLATION OF ANY PIPE.

6. ALL PUBLIC WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS. 7. ALL PRIVATE WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.

APPLICABLE CODES AND INSPECTIONS REQUIRED. THESE PLANS WERE PREPARED WITHOUT THE BENEFIT OF THE FIRE SPRINKLER DESIGN. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES. 9. EMBEDMENT FOR ALL WATER AND WASTEWATER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS. WATER PIPE AND FITTINGS CLEAN AND CAPPED AT TIMES WHEN INSTALLATION IS NOT IN PROGRESS I1.CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL WATER AND WASTEWATER LINES.

12. ALL WATER AND WASTEWATER SERVICES SHALL TERMINATE 5-FEET OUTSIDE THE BUILDING. UNLESS NOTED OTHERWISE

13. CONTRACTOR SHALL COMPLY WITH CITY REQUIREMENTS FOR WATER AND WASTEWATER SERVICE DISRUPTIONS AND THE AMOUNT OF PRIOR NOTICE THAT IS REQUIRED, AND SHALL COORDINATE DIRECTLY WITH THE APPROPRIATE CITY DEPARTMENT. 14. CONTRACTOR SHALL SEQUENCE WATER AND WASTEWATER CONSTRUCTION TO AVOID INTERRUPTION OF SERVICE TO SURROUNDING 27.CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS 15.CONTRACTOR SHALL MAINTAIN WATER SERVICE AND WASTEWATER SERVICE TO ALL CUSTOMERS THROUGHOUT CONSTRUCTION (IF NECESSARY. BY USE OF TEMPORARY METHODS APPROVED BY THE CITY AND OWNER). THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

16. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL WATER AND WASTEWATER LINES CROSSING THE PROJECT. THE CONTRACTOR

SHALL REPAIR ALL DAMAGED LINES IMMEDIATELY. ALL REPAIRS OF EXISTING WATER MAINS, WATER SERVICES, SEWER MAINS, AND SANITARY SEWER SERVICES ARE SUBSIDIARY TO THE WORK, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. 17. VALVE ADJUSTMENTS SHALL BE CONSTRUCTED SUCH THAT THE COVERS ARE AT FINISHED SURFACE GRADE OF THE PROPOSED 18. THE ENDS OF ALL EXISTING WATER MAINS THAT ARE CUT, BUT NOT REMOVED, SHALL BE PLUGGED AND ABANDONED IN PLACE. THIS

19. ALL FIRE HYDRANTS, VALVES, TEES, BENDS, WYES, REDUCERS, FITTINGS, AND ENDS SHALL BE MECHANICALLY RESTRAINED AND/OR THRUST BLOCKED TO CITY STANDARDS. 20.CONTRACTOR SHALL INSTALL A FULL SEGMENT OF WATER OR WASTEWATER PIPE CENTERED AT ALL UTILITY CROSSINGS SO THAT THE JOINTS ARE GREATER THAN 9-FEET FROM THE CROSSING

21.ALL CROSSINGS AND LOCATIONS WHERE WASTEWATER IS LESS THAN 9-FEET FROM WATER, WASTEWATER CONSTRUCTION AND MATERIALS SHALL COMPLY WITH TCEQ CHAPTER 217.53.

22.ALL CROSSING AND LOCATIONS WHERE WATER IS LESS THAN 9-FEET FROM WASTEWATER, WATER CONSTRUCTION AND MATERIALS SHALL COMPLY WITH TCEQ CHAPTER 290.44.

a. ALL WATERLINES SHALL BE HYDROSTATICALLY TESTED AND CHLORINATED BEFORE BEING PLACED INTO SERVICE. CONTRACTOR b. WASTEWATER LINES AND MANHOLES SHALL BE PRESSURE TESTED. CONTRACTOR SHALL COORDINATE WITH THE CITY FOR THEIR REQUIRED PROCEDURES AND SHALL ALSO COMPLY WITH TCEQ REGULATIONS. AFTER COMPLETION OF THESE TESTS, A TELEVISION 24.CONTRACTOR SHALL INSTALL DETECTABLE WIRING OR MARKING TAPE A MINIMUM OF 12" ABOVE WATER AND WASTEWATER

MARKING TAPE SHALL COMPLY WITH CITY STANDARDS, AND SHALL BE INCLUDED IN THE COST OF THE WATER AND WASTEWATER 25.DUCTILE IRON PIPE SHALL BE PROTECTED FROM CORROSION BY A LOW-DENSITY POLYETHYLENE LINER WRAP THAT IS AT LEAST A SINGLE LAYER OF 8-MIL. ALL DUCTILE IRON JOINTS SHALL BE BONDED. 26. WATERLINES SHALL BE INSTALLED AT NO LESS THAN THE MINIMUM COVER REQUIRED BY THE CITY

LINES. MARKER DECALS SHALL BE LABELED "CAUTION - WATER LINE", OR "CAUTION - SEWER LINE". DETECTABLE WIRING AND

27.CONTRACTOR SHALL PROVIDE CLEAN-OUTS FOR PRIVATE SANITARY SEWER LINES AT ALL CHANGES IN DIRECTION AND 100-FOOT INTERVALS, OR AS REQUIRED BY THE APPLICABLE PLUMBING CODE. CLEAN-OUTS REQUIRED IN PAVEMENT OR SIDEWALKS SHALL HAVE CAST IRON COVERS FLUSH WITH FINISHED GRADE. 28.CONTRACTOR SHALL PROVIDE BACKWATER VALVES FOR PLUMBING FIXTURES AS REQUIRED BY THE APPLICABLE PLUMBING CODE

(E.G. FLOOR ELEVATION OF FIXTURE UNIT IS BELOW THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER). CONTRACTOR SHALL REVIEW BOTH MEP AND CIVIL PLANS TO CONFIRM WHERE THESE ARE REQUIRED. 29. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS. TO THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY.

ABBREVIATIONS AND DEFINITIONS AMERICANS WITH DISABILITIES ACT AWWA AMERICAN WATER WORKS ASSOCIATION BACK TO BACK BEGIN CURVE BACK OF CURB BCR BEGIN CURB RETURN BEST MANAGEMENT PRACTICE BOC BACK OF CURB BVCE BEGIN VERTICAL CURVE ELEVATION BVCS BEGIN VERTICAL CURVE STATION BOTTOM OF WALL CFS CUBIC FEET PER SECOND CITY CITY, TOWN, OR OTHER APPLICABLE LOCAL GOVERNMENT JURISDICTION C/L CENTERLINE CENTERLIN CONC CONCRETE CUBIC YARD DEMO DEMOLITION DECOMPOSED GRANIT DTL DETAIL EΑ EACH END CURVE END CURB RETUR EXISTING GROUND ELEVATION ELEC ELECTRICAL / ELECTRICITY ELEV ELEVATION EPA UNITES STATES ENVIRONMENTAL PROTECTION AGENCY **EVCE** END VERTICAL CURVE ELEVATION **EVCS** END VERTICAL CURVE STATION EX. FXISTING FACE TO FACE FINISHED GROUND FIRE HYDRANT FLOW LINE **FACE OF CURE** FEET HYDRAULIC GRADE LINE KIMLEY-HORN AND ASSOCIATES, INC. KIMLEY-HORN AND ASSOCIATES, INC. LATERAL

30. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.

LINEAR FEET LEFT MAYIMIIN MATCH EXISTING ELEVATION MINUTE / MINIMUM

NOTICE OF INTENT, REF. TCEQ GENERAL PERMIT NOTICE OF TERMINATION, REF. TCEQ GENERAL PERMIT NOT TO SCALE NTS ON CENTER OFFSET OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

POINT OF CURVATURE PORTLAND CEMENT CONCRETE / POINT OF COMPOUND CURVATURE PROPOSED GRADE LINE POINT OF INFLECTION

PROF **PROPOSED** PRC POINT OF REVERSE CURVATURE POUNDS PER SQUARE INCH POINT OF TANGENCY PVC POLYVINYL CHLORIDE POINT OF VERTICAL INFLECTION

PAVEMENT RCP REINFORCED CONCRETE PIPE ROW RIGHT OF WAY RIGHT SQUARE FEET SANITARY SEWER

WTR

WATER

WASTEWATER

SANITARY SEWER MANHOLE STA STATION STANDARD STD SQUARE YARD

ARCHITECTURAL BARRIERS TEXAS ACCESSIBILITY STANDARDS TOP OF CURB TEXAS COMMISSION OF ENVIRONMENTAL QUALITY

TEMPORARY TEXAS DEPARTMENT OF TRANSPORTATION TXMUTCD TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES TOP OF WALL TYPICAL VERTICAL CURVE

BENCHMARKS

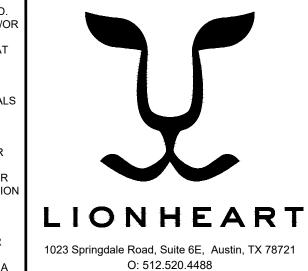
BM 64686 N: 13923529 46 E: 2323257.04 LAT: N030° 01' 45.6" LON: W097° 52' 44.0" ELEV.= 794.13'(NAVD 8 (FOUND MAG NAIL & DISC) N: 13923561.89 E: 2323624.69 LAT: N030° 01' 45.9"

LON: W097° 52' 39.9"

ELEV.= 791.44'(NAVD 88

(FOUND MAG NAIL & DISC)

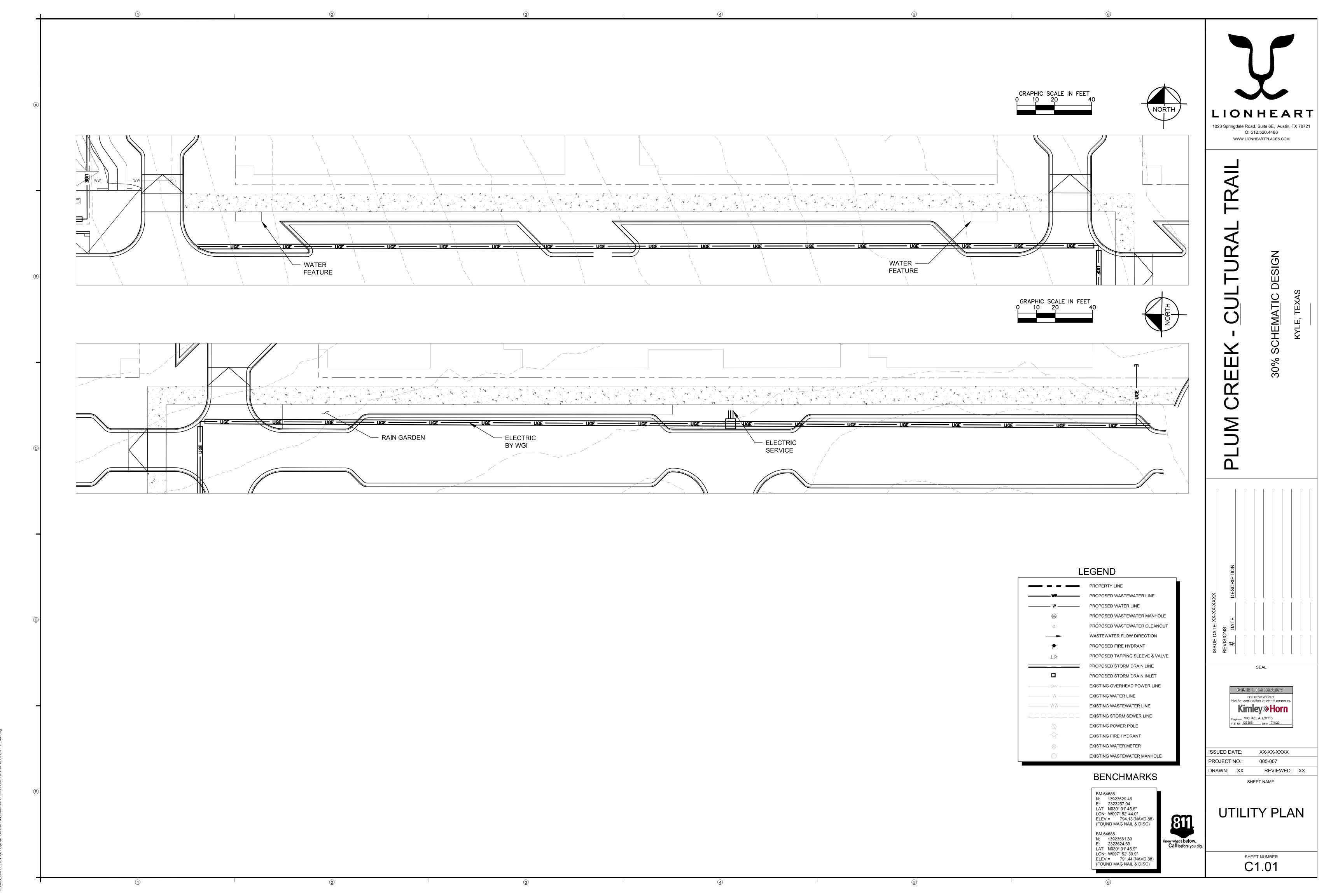




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