Signatures

Client Name/ Title	Date
Client Name/ Title	Date



LANDSCAPE **ARCHITECT: Lionheart Places**

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

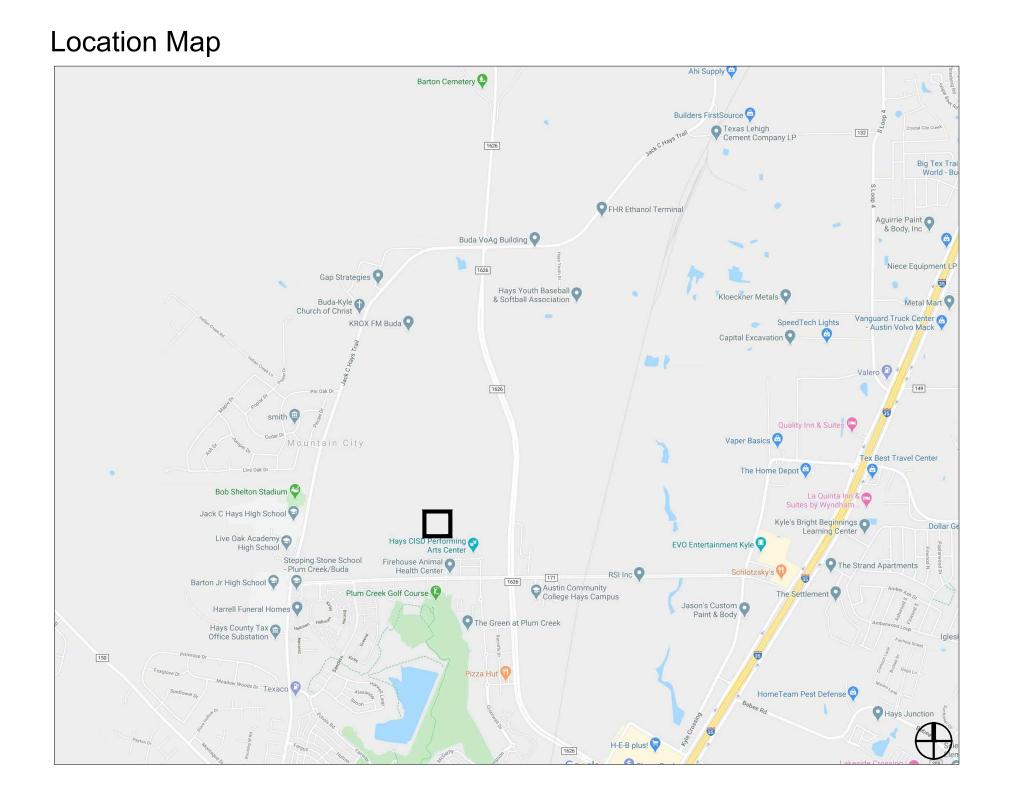
CIVIL & SITE STRUCTURAL **ENGINEER:** Kimley Horn

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

UPTOWN CENTRAL PARK

1.67 Acres Kyle, Texas 78640

07.17.2020 **30% SCHEMATIC DESIGN SET**





Sheet Sheet Title

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L0.02	Gener Refere
L3.01	Materi
	Materi
L3.02	Materi
L3.03	Materi
L3.04	
<u>L5.01</u>	Site Li
L5.02	Site Li
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L5.04	Site Li
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<u>L6.02</u>	Soil Pl
_ <u>L6.03</u>	Soil Pl
_L6.04	Soil Pl
L7.01	Site D
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L5.04 L6.01 L6.02 L6.03 L6.04 L7.01 L7.02 L7.03 L7.04 L7.05	Site D
L7.05	Site D
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L7.09	Site D
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7.10 7.11	Site D
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L9.02	Under
L9.03	Under
L9.04	Under



7800 Shoal Creek Boulevard Suite 100-W Austin, Texas 78757 Tel: 512.546.0200 Contact: Zac Morton

ARCHITECT:

Overland Partners

203 E. Jones Ave. Suite 104 San Antonio, TX 78215 Tel: 210.829.7003 Contact: Michael Monceaux

STRUCTURAL **ENGINEER: Thornton Tomasetti**

804 Las Cimas Parkway Suite 140 Austin, TX 78746 Tel: 972.764.6262 Contact: Robert Rogers

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C1.03	Existing Drainage Area Map
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MEP101 MEP Site Plan

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S001	General Notes
S002	General Notes
S003	General Notes
S004	Lap Splice Schedule
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WATER DESIGN

SD100 Overall Water Features Schematic Design
SD200 Fountain Area & Small Kids Activity Area
SD300 Reflection Pool and Walling Water Area
SD400 Preliminary Pipe Routing Plan

WATER FEATURE:

Water Design

5047 South Galleria Drive Salt Lake City, UT 84123 Tel: 801.261.4009 Contact: Tom Anderson

IRRIGATION DESIGN: Ecoland Design Group

2800 IH 35 Suite 170 Austin, Texas 78704 Tel: 512.344.9204 Contact: Kyle Elliott

1		3
		LAYOUT NOTES
SITE KEYNOTES:	DETAIL / SPEC. SHEET SECTION	 LAYOUT AND VERIFY DIMENSIONS PRIOR TO CONSTRUCTION THE LANDSCAPE ARCHITECT.
		2. FOR DIMENSIONS OF BUILDINGS, GARAGES, TRASH ENCLO ARCHITECTURAL DRAWINGS. COPIES OF THESE DRAWINGS
1.0 PAVEMENTS, RAMPS, CURBS	0 / L0-01 000000	3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE. D
		 WHERE DIMENSIONS ARE CALLED AS "EQUAL," SPACE REF CONSISTENT EDGE.
	(CSI SECTION NUMBER MASTER FORMAT 2 NOTE: MULTIPLE SECTIONS MAY BE REFERENCED.	2004). 5. MEASUREMENTS ARE TO FACE OF BUILDING, WALL OR THE LINES IS INDICATED.
		6. INSTALL INTERSECTING ELEMENTS AT 90 DEGREE ANGLES
	NOTE: MULTIPLE DETAILS MAY BE	 PROVIDE EXPANSION JOINTS WHERE CONCRETE FLATWO CURBS, STEPS AND BUILDING ELEMENTS.
	REFERENCED.	8. ALL WALKWAYS SHALL BE LOCATED FROM FINISHED FACE
UBGROUP TITLE)		9. FENCES, WALLS, AND FOOTINGS SHALL SIT ENTIRELY WIT
1 Text description		GRADING AND DRAINAGE NOTES
2 Text description		 EXISTING UNDERGROUND UTILITIES ARE SHOWN PER AVA AND ELEVATION IN THE FIELD PRIOR TO BEGINNING CONS EXISTING UTILITIES AND BE RESPONSIBLE FOR DAMAGE TO
ANDSCAPE GENERAL NOTES		2. REQUEST INSPECTION AS REQUIRED 48 HOURS IN ADVANC
	S WORK SHALL FIRST EXAMINE THE SITE OF THE PROPOSED IDERSTAND ANY FACILITIES, DIFFICULTIES, AND RESTRICTIONS	NOTED ON THIS SHEET. 3. DEBRIS CREATED BY REMOVAL OPERATIONS BECOME THE
ATTENDING THE EXECUTION OF THE CONTRACT. NO S ERROR, OR NEGLIGENCE, IN CONNECTION WITH THIS F	UBSEQUENT ALLOWANCES SHALL BE MADE DUE TO OMISSION, PROVISION.	LEGALLY DISPOSED OF AWAY FROM THE JOB SITE.
	ALL EXISTING SITE CONDITIONS AND UNDERGROUND UTILIZES, SPONSIBLE FOR BODILY INJURY AND/OR ANY COST INCURRED	 NOTIFY LOCAL UNDERGROUND SERVICE COMPANIES FOR REFER TO STRUCTURAL DRAWINGS FOR CONNECTIONS TO
	S. CONTRACTOR SHALL HAND DIG FOOTINGS, TREE WELLS AND	 REFER TO ARCHITECTURAL DRAWINGS FOR CONNECTIONS TO REFER TO ARCHITECTURAL DRAWINGS FOR WATERPROOF
	ON OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. OR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY	7. REFER TO CIVIL ENGINEER'S DRAWINGS FOR CONNECTION
HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY	Y AND ALL UNDERGROUND UTILITIES.	LANDSCAPE PLANTING NOTES
ANY CONFLICTING INFORMATION SHALL BE BROUGHT LANDSCAPE ARCHITECT SHALL ASSUME THAT THE CO	TO THE ATTENTION OF THE LANDSCAPE ARCHITECT OR THE NTRACTOR HAS INCORPORATED THE SPECIFIED ITEM.	 SOURCE OF BASE SHEETS IS SURVEY PROVIDED BY OTHER REFER TO CIVIL ENGINEER'S UTILITY AND PRECISE GRADIN
DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOW BROUGHT TO THE ATTENTION OF THE LANDSCAPE AR		IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.
NDICATED ON THE DRAWINGS, THE CONTRACTOR SH	OUT OF ANY CONSTRUCTION ELEMENT ON-SITE AND THOSE ALL CONTACT THE OWNER'S AUTHORIZED REPRESENTATIVE	3. VERIFY LOCATIONS OF PERTINENT SITE IMPROVEMENTS IN THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITION INSTRUCTIONS PRIOR TO COMMENCING WORK.
MELY FASHION MAY RESULT IN CONTRACTOR'S RES	S KNOWN TO THE OWNER'S AUTHORIZED REPRESENTATIVE IN A PONSIBILITY TO REMOVE AND REINSTALL ITEMS BUILT TO CHARGE OWNER FOR ITEMS BUILT INCORRECTLY.	 EXACT LOCATIONS OF PLANT MATERIALS TO BE APPROVED TO INSTALLATION. LANDSCAPE ARCHITECT RESERVES THE FIELD.
ONTRACTOR SHALL BE RESPONSIBLE FOR COORDIN /ORK. CONTRACTOR SHALL COORDINATE CONSTRUC IMULTANEOUSLY.	ATION OF SUBCONTRACTORS ACCOMPLISHMENT OF SCOPE OF TION WITH OTHER TRADES WORKING ON THE SITE	 5. VERIFY PLANT COUNTS AND SQUARE FOOTAGES: QUANTIT QUANTITIES ON PLANT LIST DIFFER FROM GRAPHIC INDICA 6. CONTACT THE LOCAL UNDERGROUND UTILITY SERVICES F
	HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE ALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND ITO BE COMPLETE IN PLACE AS SPECIFIED.	 CONTACT THE LOCAL UNDERGROUND UTILITY SERVICES F PERFORM EXCAVATION IN THE VICINITY OF UNDERGROUNI THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE
WHEN INSTALLED AND ACCEPTED. ANY COMMERCIALL	AND FIRST GRADE QUALITY AND SHALL BE IN PRIME CONDITION AND FIRST GRADE QUALITY AND SHALL BE IN PRIME CONDITION AND FIRST GRADE QUALITY AND SHALL BE DELIVERED	8. TREES SHALL BEAR SAME RELATION TO FINISHED GRADE
CONTRACTOR TO CONFORM WITH THE REQUIREMENT	BEARING THE MANUFACTURER'S GUARANTEED ANALYSIS.	9. TREES TO BE PLANTED A MINIMUM OF 4 FEET FROM FACE BY LANDSCAPE ARCHITECT.
THE CONTRACTOR SHALL SHALL GUARANTEE ALL WO	RK AS TO MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE OF PROJECT. THE CONTRACTOR WILL PROVIDE A WRITTEN	10. PROVIDE MATCHING FORMS AND SIZES FOR PLANT MATER THE DRAWINGS.
		11. PRUNE NEWLY PLANTED TREES ONLY AS DIRECTED BY LA
REMOVE ITEMS (SITE STRUCTURES) SHOWN ON THE P	LAN TO THE FULL DEPTH OF THEIR CONSTRUCTION UNLESS	 ALIGN AND EQUALLY SPACE IN ALL DIRECTIONS SHRUBS S FINISH GRADES OF SHRUB AREAS AND LAWNS SHALL BE 1
DESIGNATED TO REMAIN. VERIFY THE LOCATION OF ITEMS (SITE STRUCTURES)	TO REMAIN (TO BE REMOVED) PRIOR TO COMMENCEMENT OF THE	INCLUDING MULCH.
WORK.		14. PROVIDE SPECIFIED EDGING AS DIVIDER BETWEEN ALL PL
ITEMS (SITE STRUCTURES) ENCOUNTERED BELOW GR THE ATTENTION OF THE LANDSCAPE ARCHITECT.	ADE AND NOT SHOWN ON THE DRAWINGS SHALL BE BROUGHT TO	15. LANDSCAPE ARCHITECT TO REVIEW PLANT MATERIALS AT OR SHIPPING OF PLANT MATERIALS.
REMOVE DEMOLISHED MATERIALS FROM SITE. DISPOS	SAL BY BURNING AND/OR BURYING IS PROHIBITED.	16. IF VEGETATION OR TREES OVERHANG ACCESSIBLE ROUTE LANDSCAPE ARCHITECT TO PROVIDE 80" CLEARANCE ABO
CONTACT THE LOCAL UNDERGROUND SERVICE UPDAT DEMOLITION.	TE FOR UTILITY LOCATION AND IDENTIFICATION PRIOR TO	17. CONTRACTOR SHALL WARRANT PLANTS AND TREES FOR C TO REPLACE DEAD MATERIALS AND MATERIALS NOT IN VIO
CONDITIONS; ADDITIONAL UTILITIES NOT SHOWN ON T	THE PLANS MAY VARY IN RELATION TO ACTUAL EXISTING HE DRAWINGS MAY EXIST. VERIFY IN THE FIELD THE DATA SHOWN, THE LANDSCAPE ARCHITECT OR SITE REPRESENTATIVE BEFORE	PERMITS AND ON NOTIFICATION BY LANDSCAPE ARCHITEC TREES, WHICH IN OPINION OF LANDSCAPE ARCHITECT HAV OR SYMMETRY.
PERFORM EXCAVATION IN THE VICINITY OF EXISTING U	JTILITIES BY HAND WHERE APPLICABLE. THE CONTRACTOR IS AUSED BY ANY PERSON, VEHICLE, EQUIPMENT OR TOOL RELATED	18. CONTRACTOR TO REPLACE PLANTS AND TREES WITH SAM COST OF OWNER. PROVIDE ONE-YEAR WARRANTY ON REP THE START OF THE NEXT PLANTING OR DIGGING SEASON. TREES IMMEDIATELY. CONTRACTOR TO PROTECT IRRIGAT
ANDSCAPE LIGHTING NOTES		WORK DURING REPLACEMENT. CONTRACTOR TO REPAIR
COORDINATE WITH MEP PLANS FOR LOGICAL CONTRO	DLLER LOCATIONS.	 WARRANTY EXCLUDES REPLACEMENT OF PLANTS AFTER DROUGHT, DROWNING, HAIL, FREEZE, INSECTS OR DISEAS
COORDINATE ALL BUILDING PENETRATIONS FOR WALL		20. AT THE END OF THE WARRANTY PERIOD, STAKING AND GU
PROVIDE LOW VOLTAGE SYSTEM, WIRING AND CONTR PROVIDE PHOTOCELL AND TIMECLOCK SYSTEM CONT	OLS AS REQUIRED TO PROVIDE A FUNCTIONAL SYSTEM. ROLS.	GATE AND FENCING NOTES 1. CONTRACTOR TO PROVIDE ALL REQUIRED ADA/ACCESSIB
PROVIDE ALL EQUIPMENT INSTRUCTIONS AND WARRA		GATE CONTROL SHALL MEET ADA REQUIREMENTS OR FIR
PROVIDE OWNER WITH FIVE (5) EXTRA OF EACH LAMP	TYPE USED IN THE PROJECT.	2. ALL FENCING SHALL BE CONSTRUCTED WITHIN THE PROP SHOULD OFFSET TO ALLOW POSTS AND FOOTINGS TO SIT
INSTALL ALL EQUIPMENT PER MANUFACTURER'S RECO AND ALL FIXTURES SHALL BE SECURELY IMBEDDED IN	DMMENDATIONS. ALL CONTROLS SHALL BE OUT OF WET AREAS, TO GRADES.	3. ALL FENCE LAYOUT ANGLES ARE ASSUMED TO BE 90. ALL FENCING ABUTS BUILDINGS OR ARCHITECTURAL FEATURI
PROVIDE AS-BUILT WIRING DIAGRAM FOR ALL WIRE RU		4. CONTRACTOR TO WALK SITE AND REVIEW FENCE AND GA
PROVIDE MATERIAL CUT SHEETS AND SUBMITTALS FO	R APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO PURCHASE.	AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. 5. CONTRACTOR TO PROVIDE CUT SHEETS AND SAMPLES FO
. REFER TO MEP FOR ALL 120V LIGHTING CONNECTIONS		5. CONTRACTOR TO PROVIDE CUT SHEETS AND SAMPLES FC PRIOR TO INSTALLATION.
. NO WIRING OR CONDUIT SHALL BE VISIBLE ABOVE GRA	ADE. MAINTAIN A MINIMUM OF 6" COVERAGE.	6. CONTRACTOR TO COORDINATE ALL GATE FOB ACCESS WI

AYOUT NOTES

LAYOUT AND VERIFY DIMENSIONS PRIOR TO CONSTRUCTION. BRING DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.

(4)

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.

WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE. DO NOT SCALE DRAWINGS.

WHERE DIMENSIONS ARE CALLED AS "EQUAL," SPACE REFERENCED ITEMS EQUALLY, MEASURED TO A CONSISTENT EDGE.

MEASUREMENTS ARE TO FACE OF BUILDING, WALL OR THE FIXED SITE IMPROVEMENT. DIMENSIONS TO CENTER LINES IS INDICATED.

INSTALL INTERSECTING ELEMENTS AT 90 DEGREE ANGLES TO EACH OTHER UNLESS OTHERWISE NOTED.

PROVIDE EXPANSION JOINTS WHERE CONCRETE FLATWORK MEETS VERTICAL STRUCTURES SUCH AS WALLS, CURBS, STEPS AND BUILDING ELEMENTS.

ALL WALKWAYS SHALL BE LOCATED FROM FINISHED FACE OF BUILDINGS.

FENCES, WALLS, AND FOOTINGS SHALL SIT ENTIRELY WITHIN PROPERTY LINE.

RADING AND DRAINAGE NOTES

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

REQUEST INSPECTION AS REQUIRED 48 HOURS IN ADVANCE OF PERFORMING ANY WORK UNLESS OTHERWISE NOTED ON THIS SHEET.

DEBRIS CREATED BY REMOVAL OPERATIONS BECOME THE PROPERTY OF THE CONTRACTOR AND IS TO BE LEGALLY DISPOSED OF AWAY FROM THE JOB SITE.

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.

REFER TO CIVIL ENGINEER'S DRAWINGS FOR CONNECTIONS TO DRAINS.

ANDSCAPE PLANTING NOTES

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.

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.

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 FIELD.

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.

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.

TREES SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO EXISTING.

TREES TO BE PLANTED A MINIMUM OF 4 FEET FROM FACE OF BUILDING, OR PAVEMENT, EXCEPT AS APPROVED BY LANDSCAPE ARCHITECT.

PROVIDE MATCHING FORMS AND SIZES FOR PLANT MATERIALS WITHIN EACH SPECIE AND SIZE DESIGNATED ON THE DRAWINGS.

PRUNE NEWLY PLANTED TREES ONLY AS DIRECTED BY LANDSCAPE ARCHITECT.

ALIGN AND EQUALLY SPACE IN ALL DIRECTIONS SHRUBS SO DESIGNATED PER THESE NOTES AND DRAWINGS.

FINISH GRADES OF SHRUB AREAS AND LAWNS SHALL BE 1 1/2 INCHES BELOW ADJACENT PAVING OR HEADER INCLUDING MULCH.

PROVIDE SPECIFIED EDGING AS DIVIDER BETWEEN ALL PLANTING BEDS AND LAWN AREAS.

LANDSCAPE ARCHITECT TO REVIEW PLANT MATERIALS AT SOURCE OR BY PHOTOGRAPHS PRIOR TO DIGGING OR SHIPPING OF PLANT MATERIALS.

IF VEGETATION OR TREES OVERHANG ACCESSIBLE ROUTE, REPOSITION OR PRUNE BACK UNDER DIRECTION OF LANDSCAPE ARCHITECT TO PROVIDE 80" CLEARANCE ABOVE THE WALKING SURFACE.

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 OR SYMMETRY.

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.

WARRANTY EXCLUDES REPLACEMENT OF PLANTS AFTER FINAL ACCEPTANCE BECAUSE OF INJURY BY STORM, DROUGHT, DROWNING, HAIL, FREEZE, INSECTS OR DISEASE.

AT THE END OF THE WARRANTY PERIOD, STAKING AND GUYING MATERIALS SHALL BE REMOVED FROM THE SITE.

ATE AND FENCING NOTES

CONTRACTOR TO PROVIDE ALL REQUIRED ADA/ACCESSIBILITY EQUIPMENT NEEDED FOR GATE OPERATION. ALL GATE CONTROL SHALL MEET ADA REQUIREMENTS OR FIRE CODE IF APPLICABLE.

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.

ALL FENCE LAYOUT ANGLES ARE ASSUMED TO BE 90. ALLOW NO MORE THAN A 3" GAP IN CONDITIONS WHERE FENCING ABUTS BUILDINGS OR ARCHITECTURAL FEATURES.

CONTRACTOR TO WALK SITE AND REVIEW FENCE AND GATE POST LAYOUT IN FIELD WITH OWNER, ARCHITECT, AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

CONTRACTOR TO PROVIDE CUT SHEETS AND SAMPLES FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

CONTRACTOR TO COORDINATE ALL GATE FOB ACCESS WITH ARCHITECT. LANDSCAPE ARCHITECT AND MEP PRIOR TO INSTALLATION.

BRG BS BW CAL CAP CF CHAM CIP CJ CL CLR СМ CO COMP CONC CONST CONT CONTR CU CY DBL DF DEG DEMO DIA DIM DTL DWG FA F.I FL ELEC ENG EQ EQUIP EST E.W. EXIST EXP FF FG FIN FL FOC FT FTG GA GAL GC GEN HORIZ HP HT ID INV INCL INL IRR JT LIN LF LP LT MATL MAX

MEMB

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.

APPROX

ARCH

AVG

B&B

BLDG

BM

BOC

BR

BC

BF

TABLE OF ABBREVIATIONS

MH

MIN

MISC

MTD

MTL

NIC

NO

NOM

NTS

OC

OD

OPP

PAR

PC

PE

PERF

PED

PI

PL

PΤ

PVC

PVMT

PVR

QTY

REF

REINF

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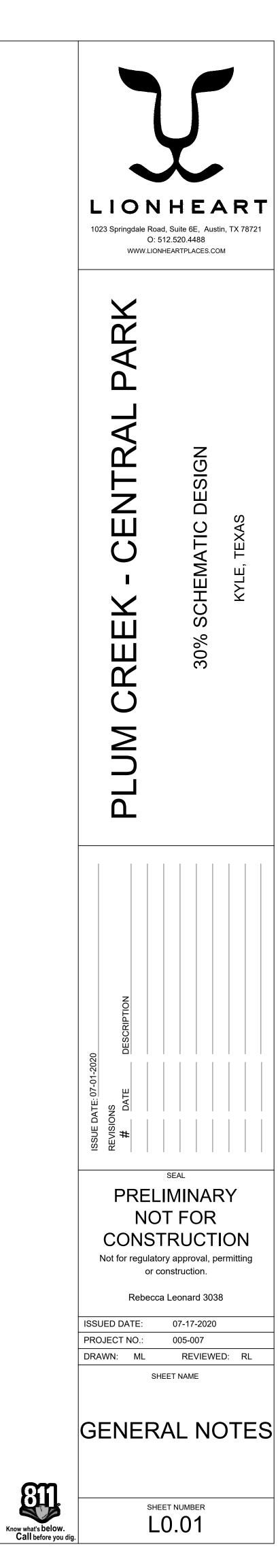
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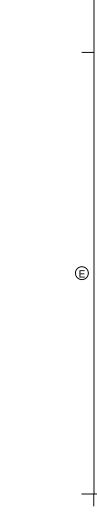
OF ABBREVIATION
APPROXIMATE
ARCHITECT AVERAGE
BALLED AND BURLAPPED
BOTTOM OF CURB BOTTOM OF FOOTING
BUILDING
BENCHMARK
BACK OF CURB BOTTOM OF RAMP
BEARING
BOTTOM OF STEP BOTTOM OF WALL
CALIPER
CAPACITY CUBIC FEET
CHAMFER
CAST IN PLACE
CONTROL JOINT CENTER LINE
CLEARANCE
CENTIMETER
CLEAN OUT COMPACTED
CONCRETE
CONSTRUCTION
CONTINUOUS CONTRACTOR
CUBIC
CUBIC YARD
DOUBLE DIRECTION OF FLOW
DEGREE
DEMOLISH, DEMOLITION DIAMETER
DIMENSION
DETAIL
DRAWING EAST
EACH
EXPANSION JOINT
ELEVATION 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
LINEAR LINEAR FEET
LINEAR FEET
LIGHT
MATERIAL MAXIMUM
MEMBRANE

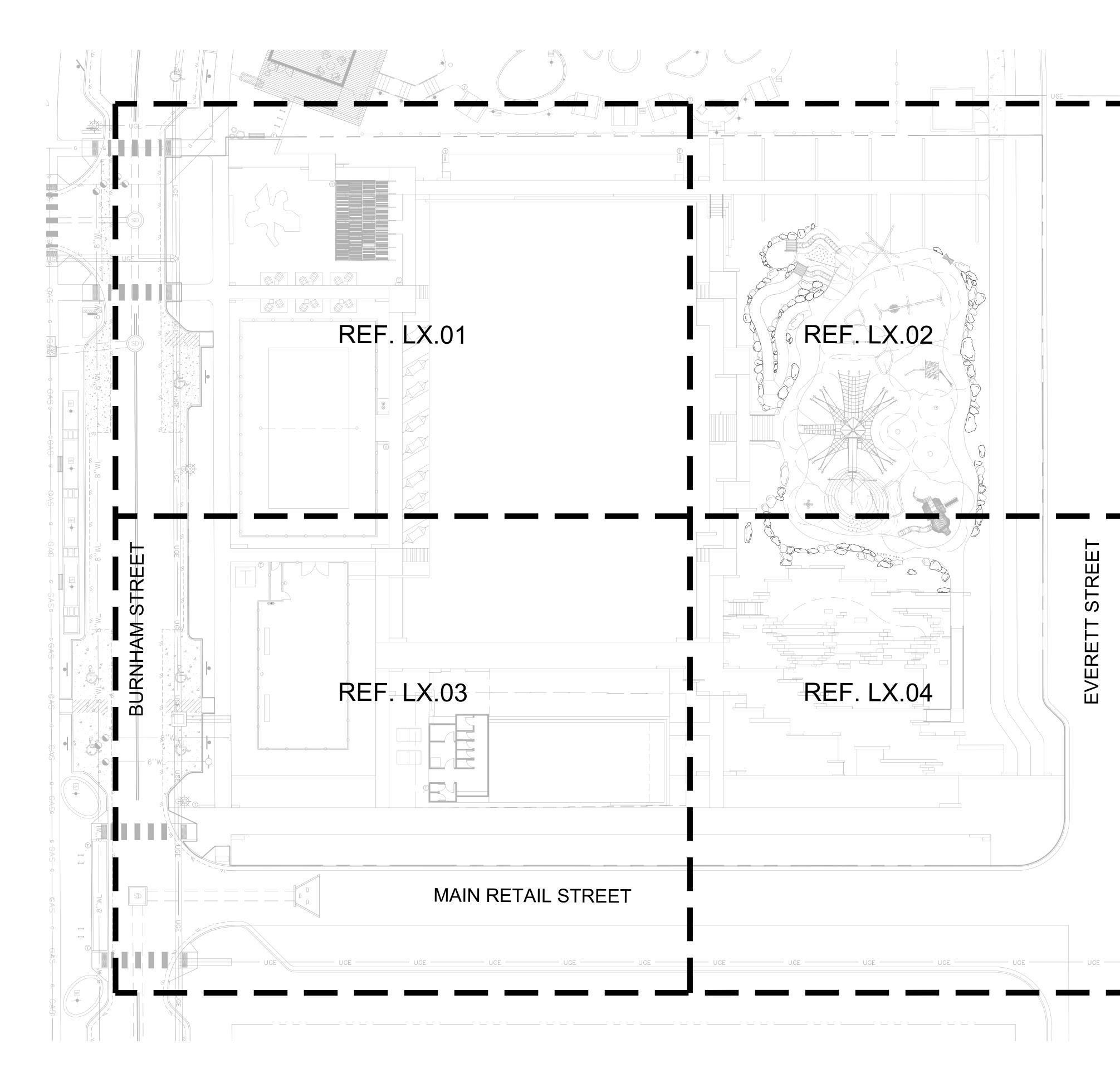
MANHOLE MINIMUM MISCELLANEOUS MOUNTED METAL NORTH NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE ON CENTER OUTSIDE DIAMETER OPPOSITE PARALLEL POINT OF CURVATURE POLYURETHANE PERFORATED PEDESTRIAN POINT OF INTERSECTION PROPERTY LINE POINT, POINT OF TANGENCY POLYVINYL CHLORIDE PAVEMENT PAVER QUANTITY RADIUS RECEPTACLE REFERENCE REINFORCE(D) REMOVE REQUIRED **REVISION, REVISED** RIGHT OF WAY RIGHT SOUTH SANITARY SCHEDULE STORM DRAIN SECTION SQUARE FOOT (FEET) SHEET STORM INLET SIMILAR 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 WEIR LEVEL WELDED WIRE FABRIC YARD



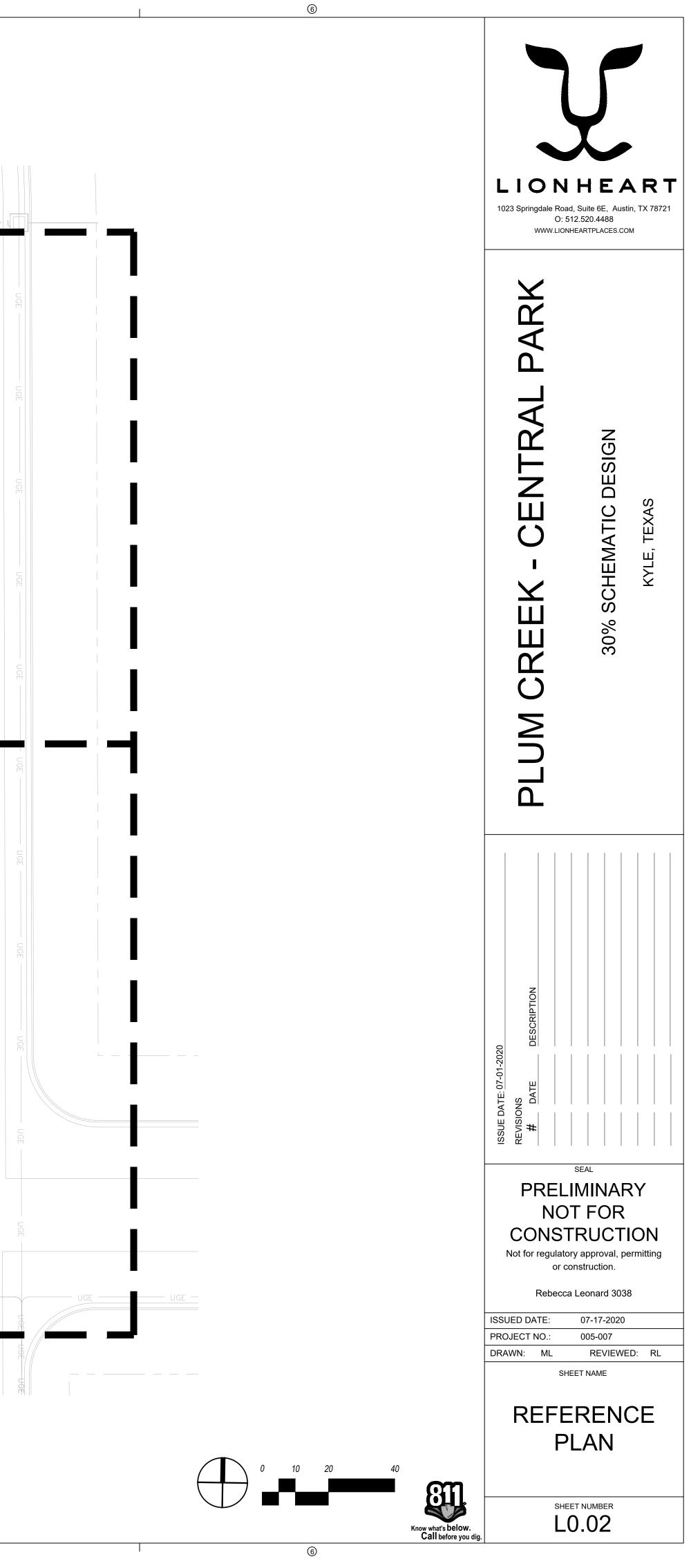
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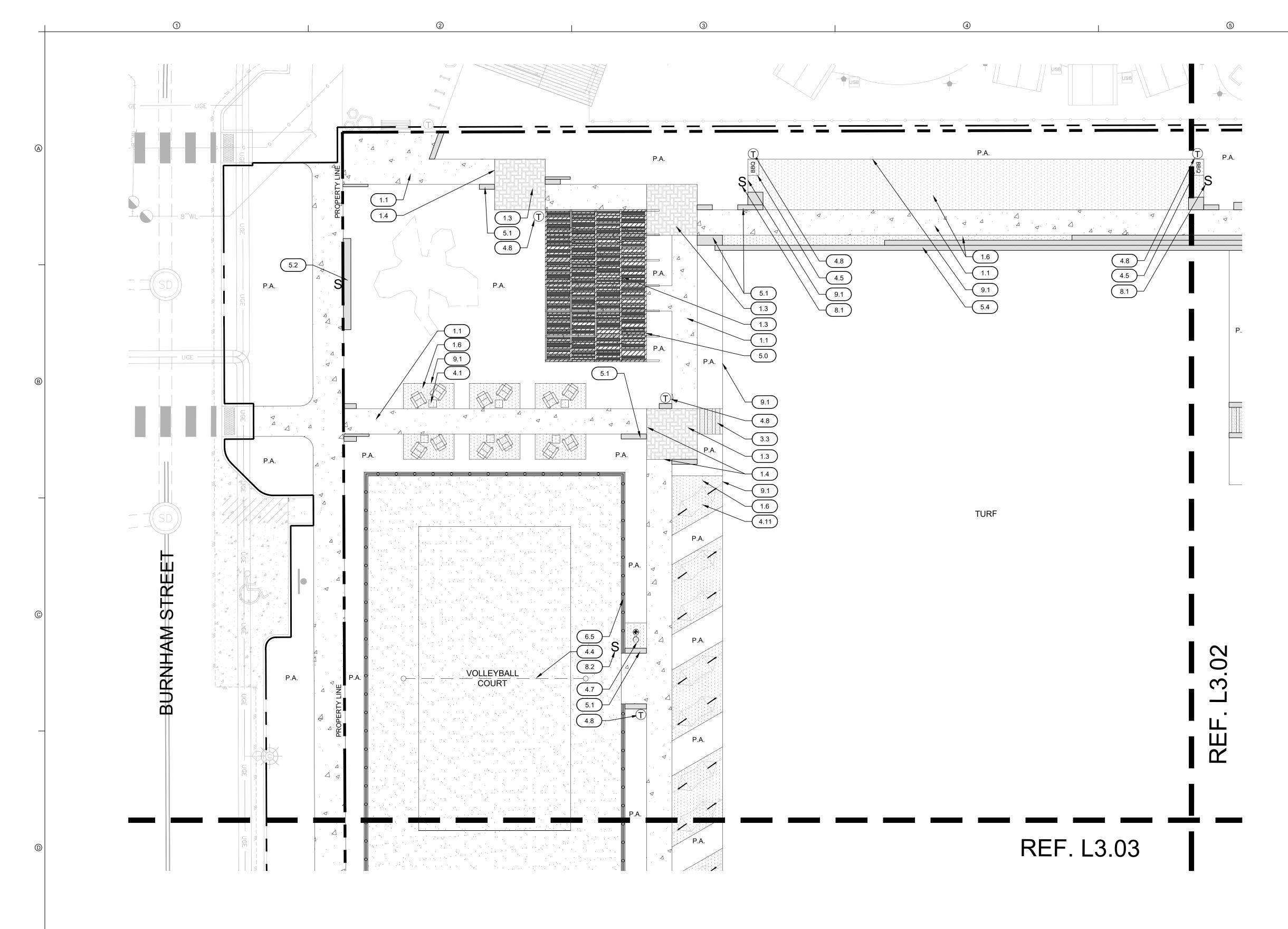




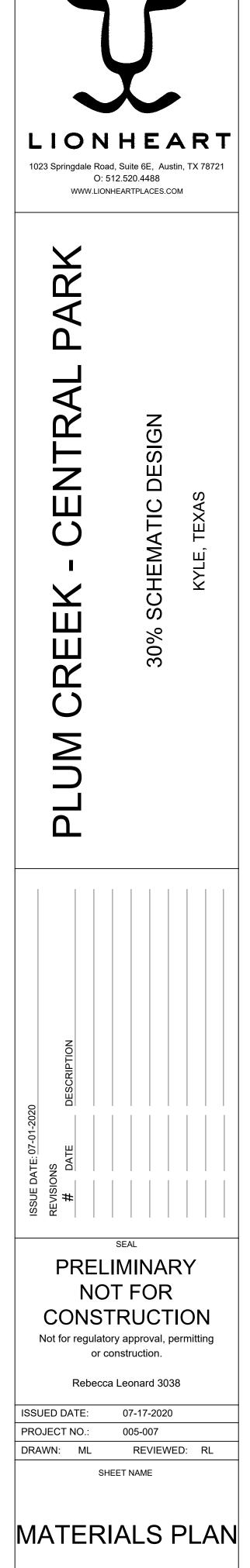
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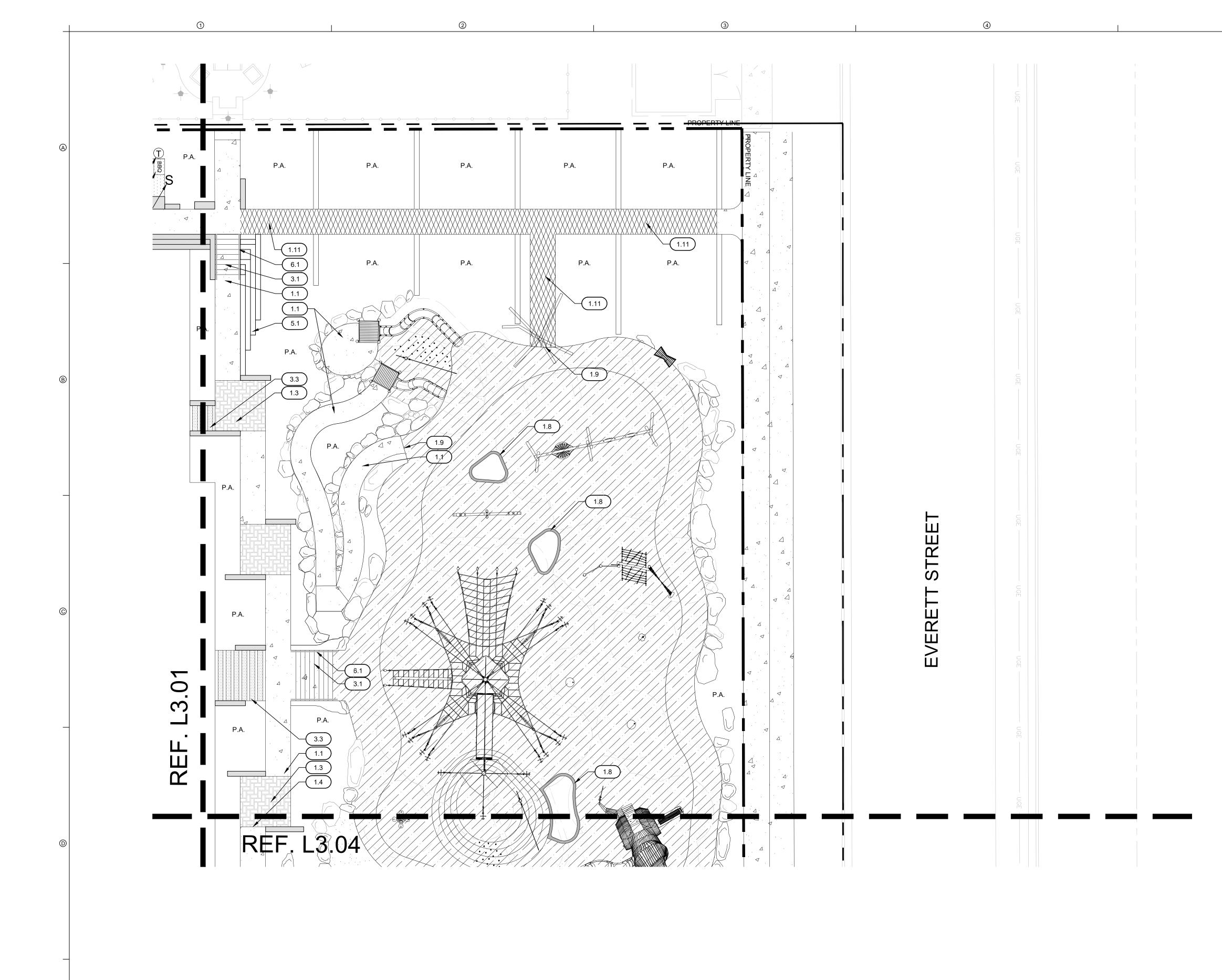


	SITE KEYNOTES		
DETAIL	DETAIL	DETAIL/ SHEET	SPEC. SECTION
NUMBER	1 - PAVEMENT, RAMPS, CURBS	SHEET	SECTION
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.1	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING		1
2.1	EXPANSION JOINT	2/L.701	
2.2		3/L7.01	
	3-STEPS		1
3.1	CONCRETE STAIRS LEUDERS LIMESTONE STEPS @ LAWN	1/L7.02	
3.2 3.3	CONCRETE STEPPING PADS	5/L7.02	
3.3	4 - SITE FURNITURE	1/L7.11	
4.1	COCKTAIL TABLE	1/L7.05	
4.1	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
	5 - SITE WALLS/EMBANKMENTS		1
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
	6 - RAILINGS, BARRIERS, FENCING	ز 	
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06	
6.4	DOG PARK FENCE	3/L7.06	
6.5	VOLLEYBALL FENCE	1/L7.07	
	7 - LIGHTING / ELETRICAL		
7.1	FESTOON LIGHTING	1/L7.12	
7.2	VEHICULAR POLE LIGHTING	2/L7.12	
7.3		3/L7.12	
7.4		4/L7.12	
7.5	DOWN LIGHT PUCK LIGHT	5/L7.12 6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
-	8 - SIGNAGE		1
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE		
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.3	PLANTING SOIL	4/L7.14	
	10 - SECTIONS & ELEVATIONS		
10.1	WEST FACING SECTION	1/L7.14	
10.2	SOUTH FACING SECTION	2/L7.14	1



0 5 10 20 **Bigging Constrained States** Know what's below. Call before you dig.

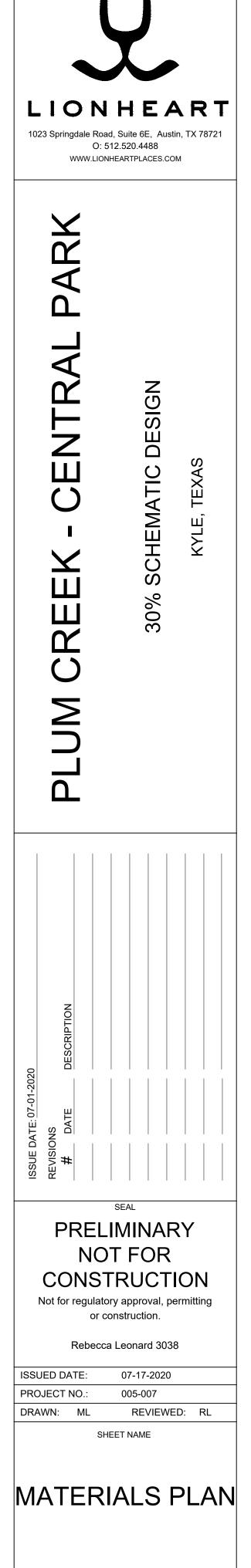




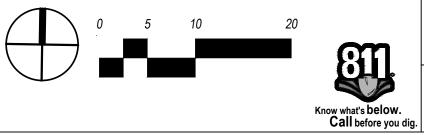


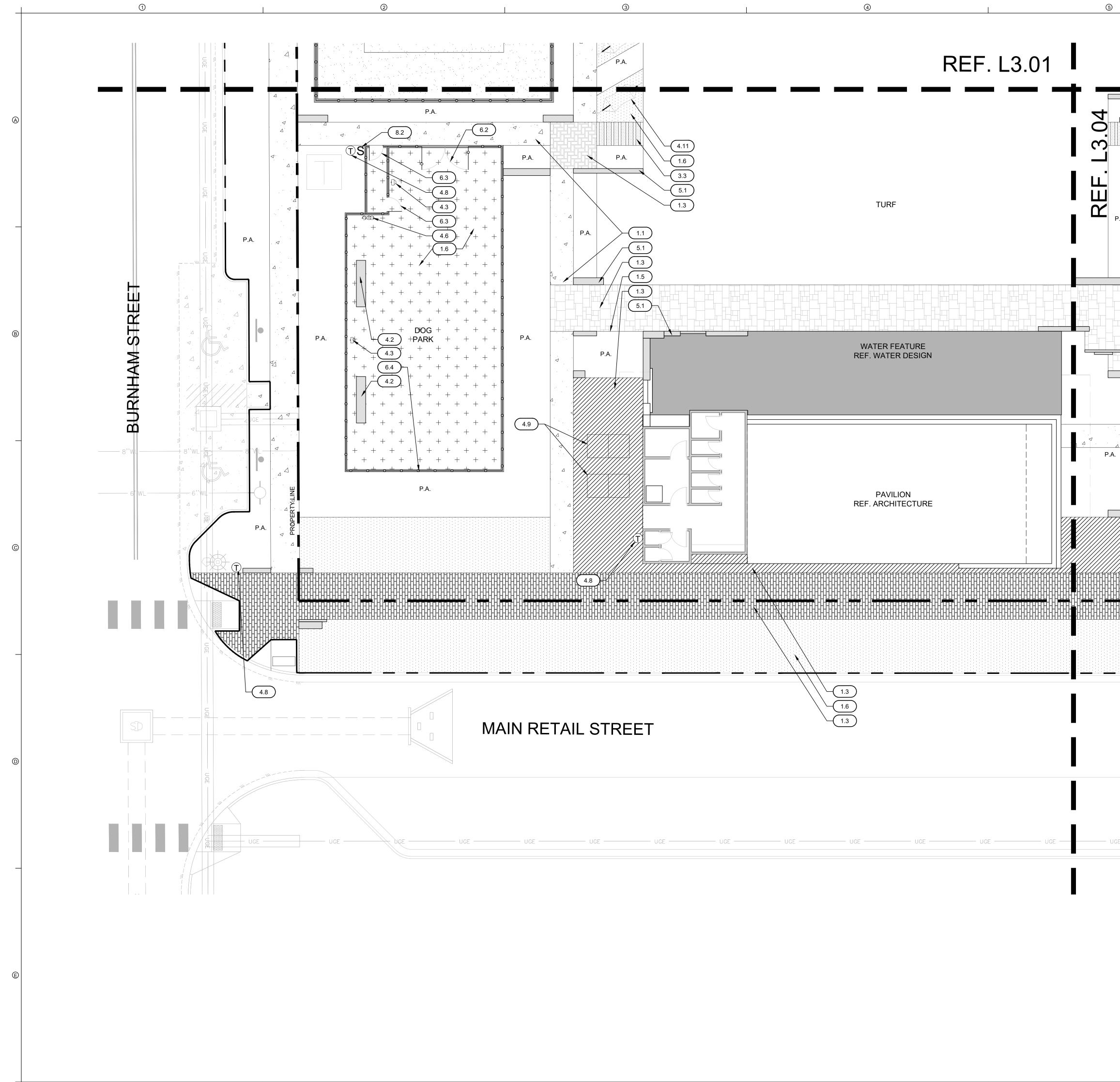
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	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/	
	1 - PAVEMENT, RAMPS, CURBS		
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP GRATE @ RAIN GARDEN	3/L7.03 3/L7.11	
1.11	0	3/L7.11	
.	2 - JOINTING	0.11 - 20 4	
2.1	EXPANSION JOINT	2/L.701	
2.2		3/L7.01	
<u> </u>	3-STEPS	4 11 7 00	1
3.1		1/L7.02	
3.2 3.3	LEUDERS LIMESTONE STEPS @ LAWN CONCRETE STEPPING PADS	5/L7.02	
3.3		1/L7.11	
4.4	4 - SITE FURNITURE COCKTAIL TABLE	1/1 7 05	
4.1	WOOD LOG BENCH	1/L7.05 2/L7.05	
4.2	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
·	5 - SITE WALLS/EMBANKMENTS	·	
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
·	6 - RAILINGS, BARRIERS, FENCINO	G	
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06	
6.4	DOG PARK FENCE	3/L7.06	
6.5	VOLLEYBALL FENCE	1/L7.07	
	7 - LIGHTING / ELETRICAL		
7.1	FESTOON LIGHTING	1/L7.12	
7.2	VEHICULAR POLE LIGHTING	2/L7.12	
7.3	AREA LIGHT	3/L7.12	
7.4	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE		
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE		
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.3	PLANTING SOIL	4/L7.14	
	10 - SECTIONS & ELEVATIONS		
10.1	WEST FACING SECTION	1/L7.14	
10.2	SOUTH FACING SECTION	2/L7.14	



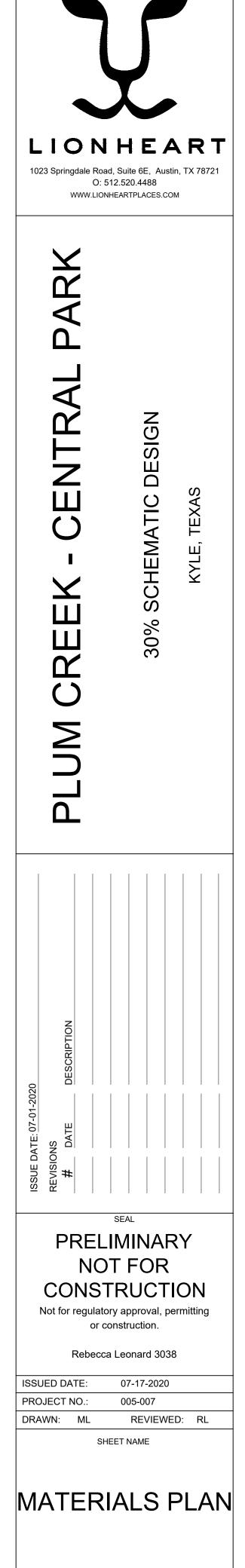
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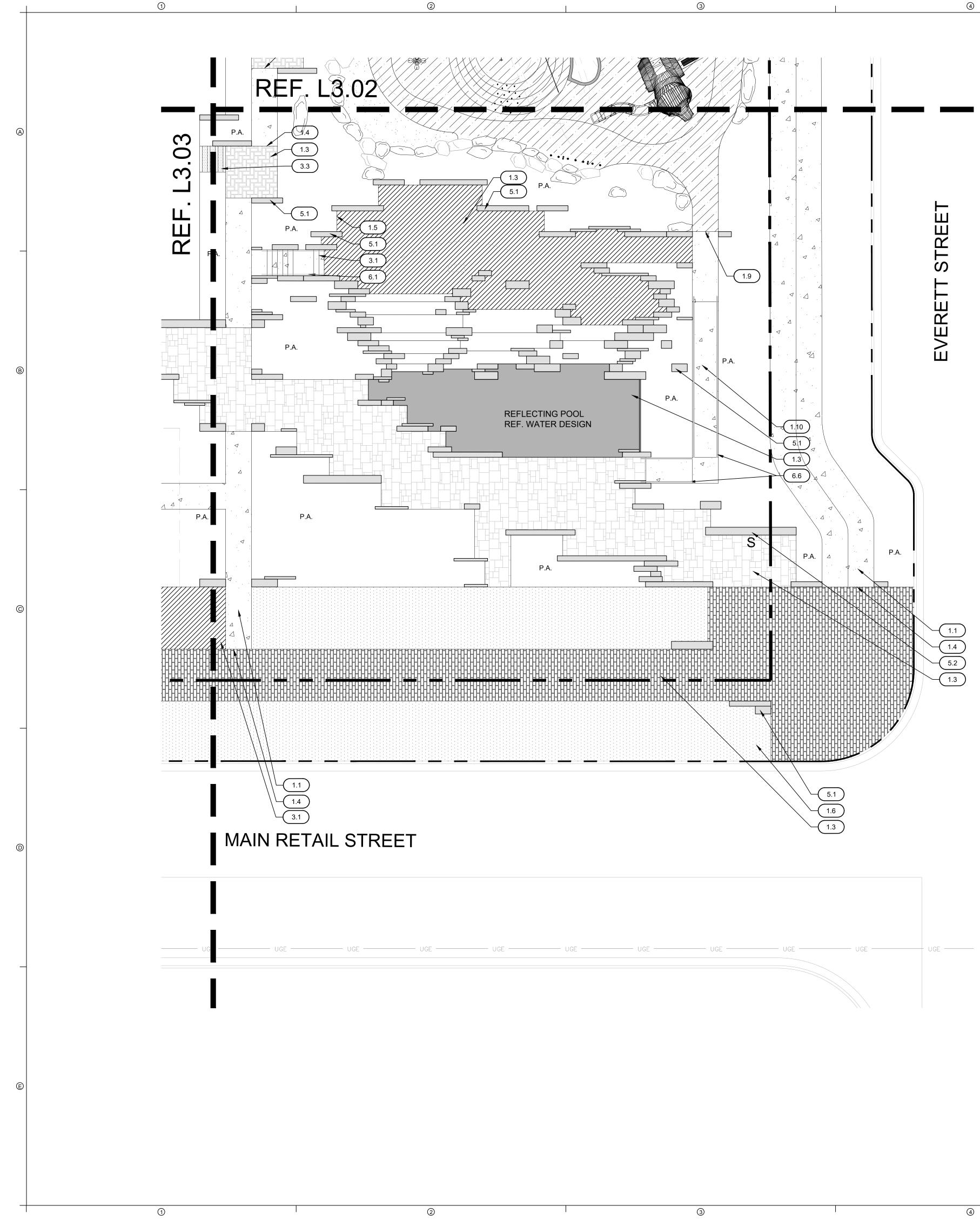
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	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC.
	1 - PAVEMENT, RAMPS, CURBS		Jenor
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING		1
2.1	EXPANSION JOINT	2/L.701	
2.2	CONTROL JOINT	3/L7.01	
	3-STEPS		
3.1	CONCRETE STAIRS	1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
	4 - SITE FURNITURE		
4.1	COCKTAIL TABLE	1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
	5 - SITE WALLS/EMBANKMENTS		
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
	6 - RAILINGS, BARRIERS, FENCINO	3	
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.02	
6.3	SINGLE SWING DOG PARK FENCE GATE	2/L7.06	
6.4	DOG PARK FENCE	3/L7.06	
6.5	VOLLEYBALL FENCE	3/L7.00	
0.5	7 - LIGHTING / ELETRICAL	1/L7.07	
7.4	FESTOON LIGHTING	4/1 7 40	
7.1	VEHICULAR POLE LIGHTING	1/L7.12 2/L7.12	
7.2			
7.3		3/L7.12	
7.4		4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9		3/L7.13	
7.10	PEDESTRIAN LIGHT 8 - SIGNAGE	4/L7.13	
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
0.2	9 - PLANTING AND LANDSCAPE	5/17.05	
9.1	STEEL EDGING	10/L7.01	
9.1	SOLID SOD SOIL	3/L7.14	
9.2	PLANTING SOIL	3/L7.14 4/L7.14	
3.0		4/61.14	
10.4	10 - SECTIONS & ELEVATIONS	4/1 7 4 4	
10.1 10.2	WEST FACING SECTION SOUTH FACING SECTION	1/L7.14 2/L7.14	



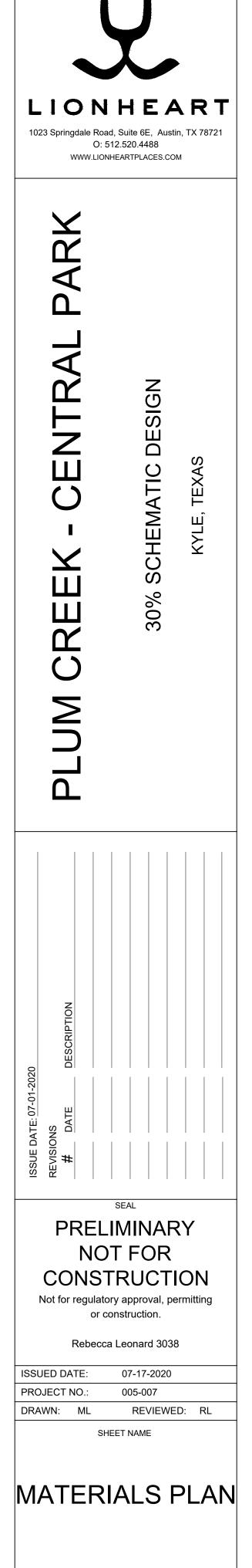
SHEET NUMBER L3.03

Know what's below. Call before you dig.

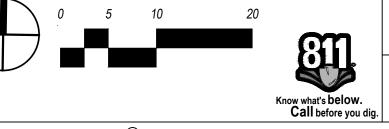


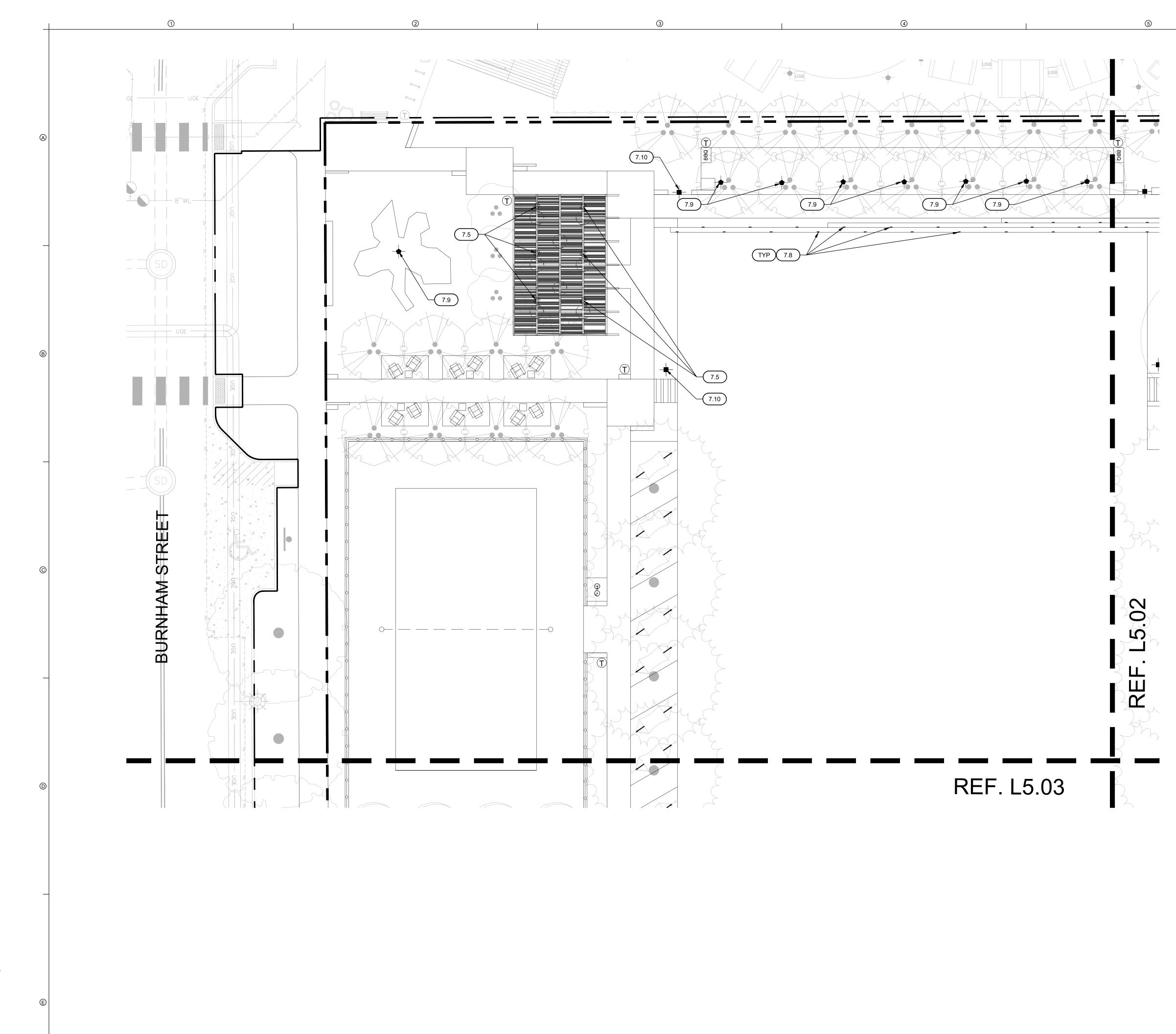
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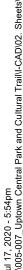
	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	
	1 - PAVEMENT, RAMPS, CURBS		
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6		8/L7.01	
1.7 1.8	DECOMPOSED GRANITE @ PLANTING CURBING @ RUBBERIZED FALL SURFACE	9/L7.01 2/L7.02	
1.0	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.02	
1.10	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING	0,	
2.1	EXPANSION JOINT	2/L.701	
2.2	CONTROL JOINT	3/L7.01	
	3-STEPS	0,21101	
3.1	CONCRETE STAIRS	1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
	4 - SITE FURNITURE		
4.1	COCKTAIL TABLE	1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8		3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING CUSTOM HAMMOCK	1/L7.09 2/L7.11	
4.11	5 - SITE WALLS/EMBANKMENTS	2/27.11	
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.02	
0.2	6 - RAILINGS, BARRIERS, FENCING		
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2 6.3	DOUBLE SWING DOG PARK FENCE GATE SINGLE SWING DOG PARK FENCE	1/L7.06 2/L7.06	
6.4	DOG PARK FENCE	3/L7.06	
6.5	VOLLEYBALL FENCE	1/L7.07	
0.0	7 - LIGHTING / ELETRICAL	.,	
7.1	FESTOON LIGHTING	1/L7.12	
7.2	VEHICULAR POLE LIGHTING	2/L7.12	
7.3	AREA LIGHT	3/L7.12	
7.4	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9		3/L7.13	
7.10	PEDESTRIAN LIGHT 8 - SIGNAGE	4/L7.13	
0.1	BBQ RULES SIGNAGE	0/1 7 00	
8.1		2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
0.4	9 - PLANTING AND LANDSCAPE	401 7 04	
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL PLANTING SOIL	3/L7.14 4/L7.14	
03	FLANTING JUL	4/L/.14	1
9.3			
9.3	10 - SECTIONS & ELEVATIONS WEST FACING SECTION	1/L7.14	



SHEET NUMBER L3.04

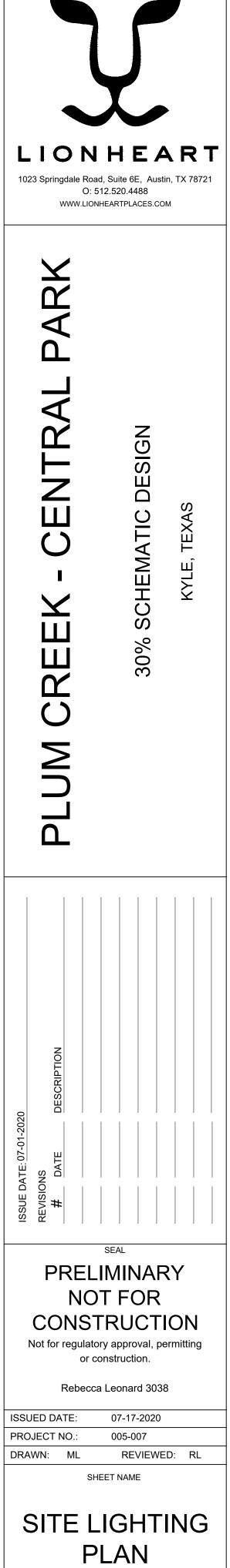






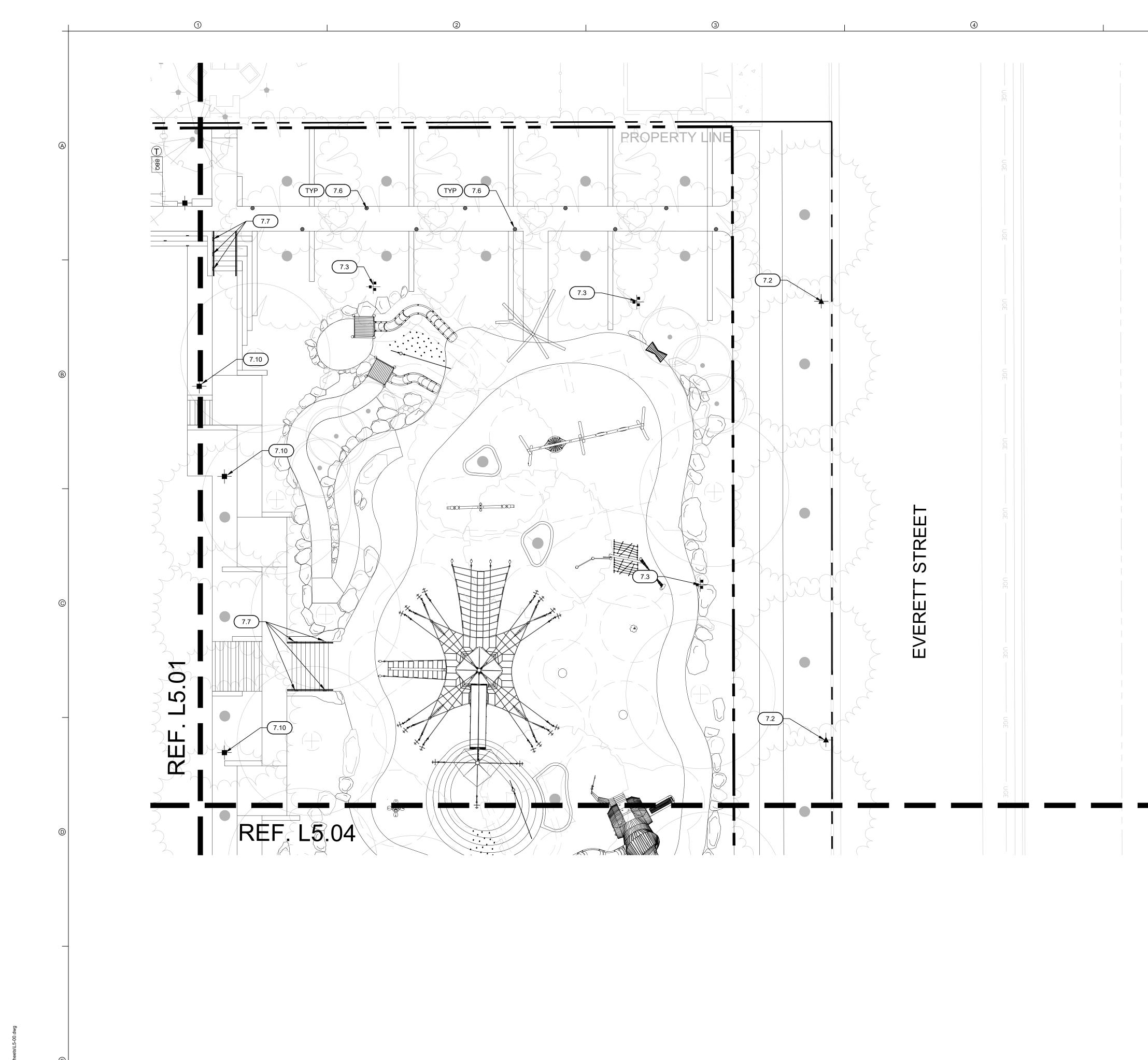
	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC. SECTION
	1 - PAVEMENT, RAMPS, CURBS	011221	0201101
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING	1	
2.1	EXPANSION JOINT	2/L.701	
2.2	CONTROL JOINT	3/L7.01	
	3-STEPS		
3.1	CONCRETE STAIRS	1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
	4 - SITE FURNITURE		
4.1	COCKTAIL TABLE	1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8		3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK 5 - SITE WALLS/EMBANKMENTS	2/L7.11	
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.02	
0.2	6 - RAILINGS, BARRIERS, FENCING	1/1/.04	
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE		
6.3	SINGLE SWING DOG PARK FENCE GATE	1/L7.06 2/L7.06	
6.4	DOG PARK FENCE	3/L7.06	
6.5	VOLLEYBALL FENCE	1/L7.07	
0.0	7 - LIGHTING / ELETRICAL	1/1/.07	
7.1	FESTOON LIGHTING	1/L7.12	
7.1	VEHICULAR POLE LIGHTING	2/L7.12	
7.2	AREA LIGHT	3/L7.12	
7.3	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	4/L7.12 5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE		1
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE		1
9.1	STEEL EDGING	10/L7.01	
9.1	SOLID SOD SOIL	3/L7.14	
9.2	PLANTING SOIL	3/L7.14 4/L7.14	
5.5	10 - SECTIONS & ELEVATIONS	/L/.14	
	IU - JECHUNJ & ELEVATIONS		
10.1	WEST FACING SECTION	1/L7.14	

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sheet number



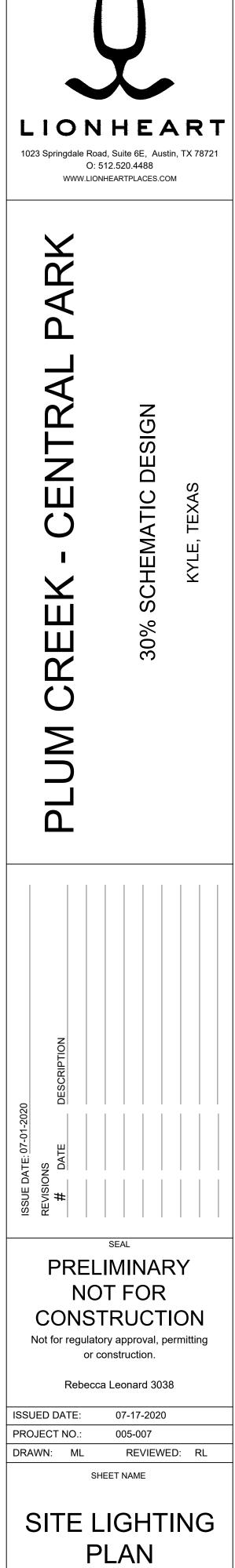
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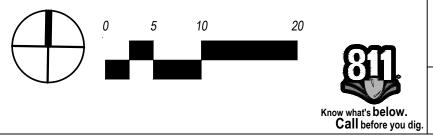
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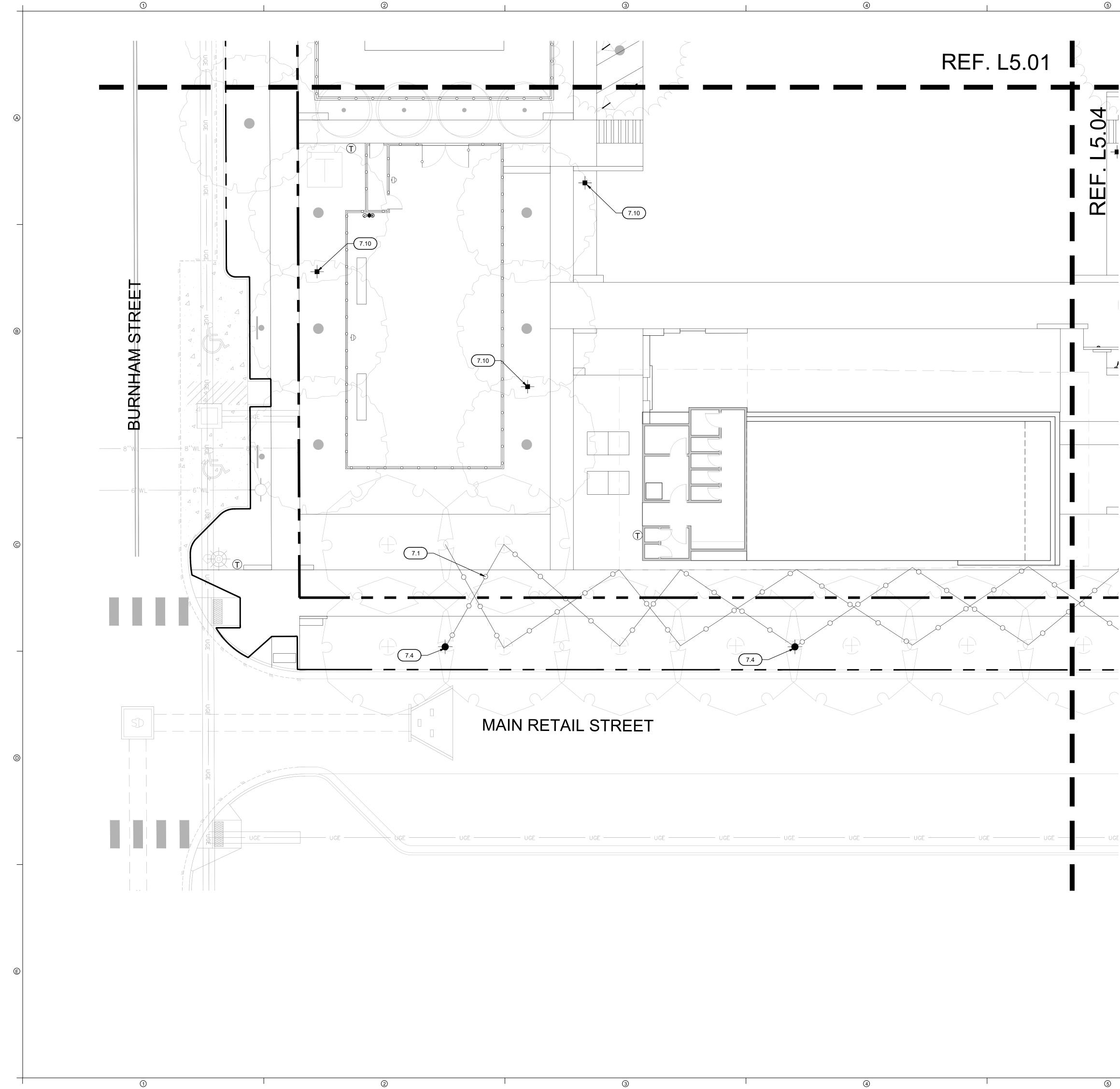
	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC. SECTION
NOWIDER	1 - PAVEMENT, RAMPS, CURBS	ONLET	SECTION
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.1	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING		
2.1	EXPANSION JOINT	2/L.701	
2.2	CONTROL JOINT	3/L7.01	
	3-STEPS		
3.1	CONCRETE STAIRS	1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
	4 - SITE FURNITURE		
4.1	COCKTAIL TABLE	1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK 5 - SITE WALLS/EMBANKMENTS	2/L7.11	
5.1		4/1 7 00	
5.1	LIMESTONE BLOCK BLADE WALL SIGNAGE	1/L7.02	
J.Z	6 - RAILINGS, BARRIERS, FENCING	1/L7.04	
	• •		1
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06	
6.4	DOG PARK FENCE	3/L7.06	
6.5		1/L7.07	
- 4	7 - LIGHTING / ELETRICAL	4 11 - 40	1
7.1		1/L7.12	
7.2	VEHICULAR POLE LIGHTING AREA LIGHT	2/L7.12	
7.3	CULTURAL TRAIL LIGHT	3/L7.12 4/L7.12	
7.4	DOWN LIGHT	4/L7.12 5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE	1	1
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE	1	1
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.3	PLANTING SOIL	4/L7.14	
	10 - SECTIONS & ELEVATIONS	1	1
10.1	WEST FACING SECTION	1/L7.14	
		2/L7.14	

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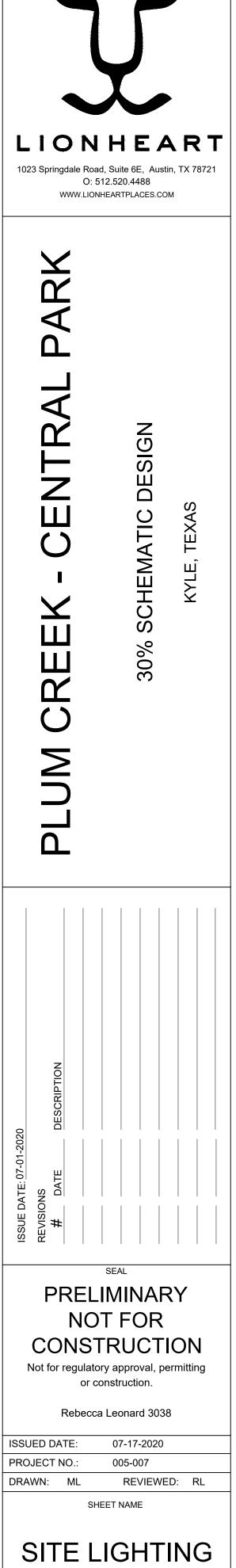
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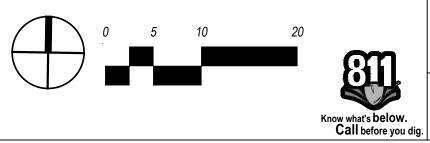




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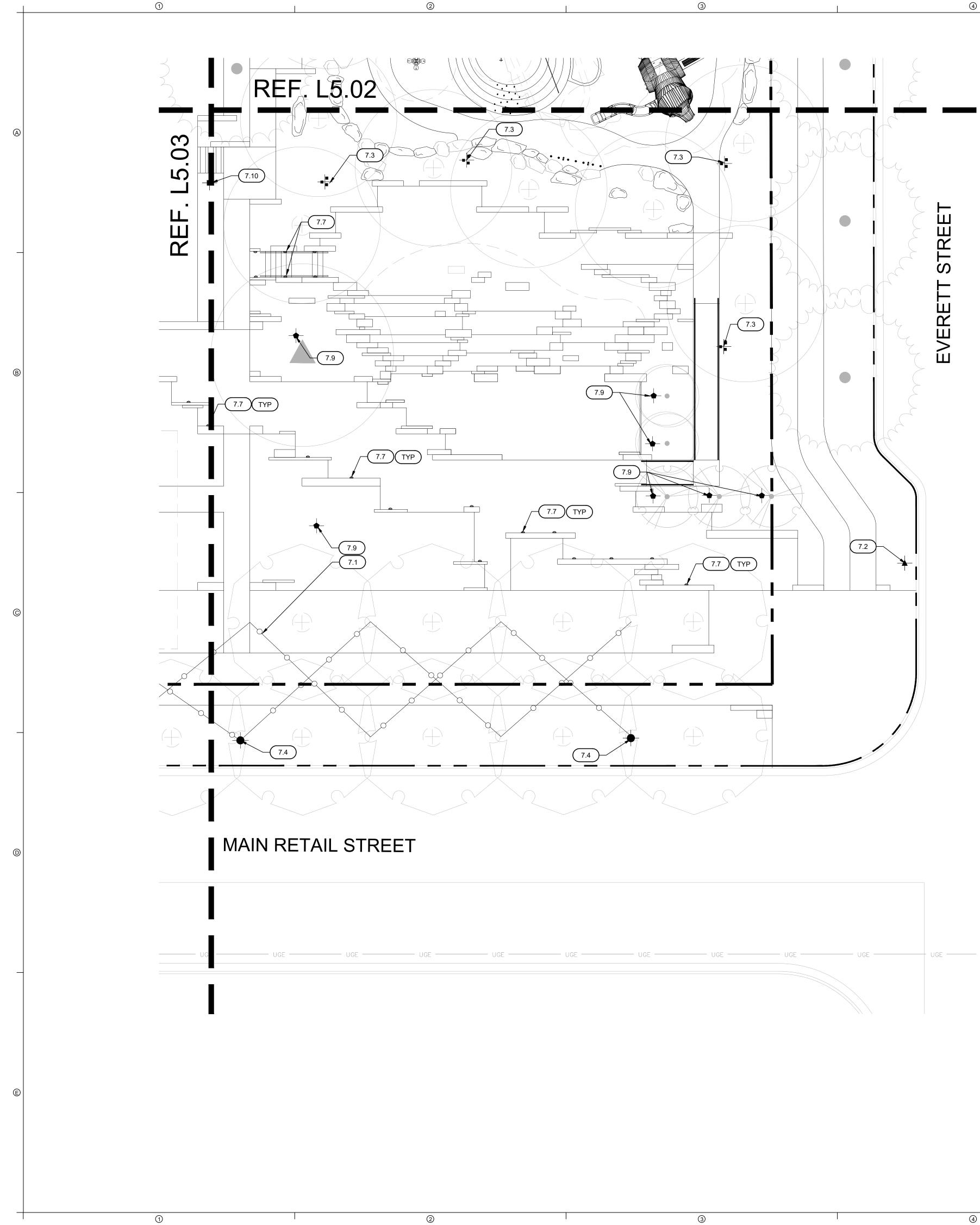
1 - PAVEMENT, RAMPS, CURBS 1.1 CAST IN PLACE CONCRETE 1/L7.01 1.2 CAST IN PLACE CONCRETE 0/L7.01 1.3 PAVERS 5/L7.01 1.4 PAVERS 5/L7.01 1.5 PAVERS 0/L7.01 1.6 DECOMPOSED GRANITE 0/L7.01 1.6 DECOMPOSED GRANITE 0/L7.01 1.7 DECOMPOSED GRANITE 0/L7.02 1.8 CURBING @ RUBBERIZED FALL SURFACE 3/L7.02 1.10 ADA RAMP 3/L7.03 1.11 GRATE @ RUBBERIZED FALL SURFACE 3/L7.02 1.10 ADA RAMP 3/L7.01 1.11 GRATE @ RUBBERIZED FALL SURFACE 3/L7.02 1.11 GRATE @ RUBBERIZED FALL SURFACE 3/L7.01 2.2 CONTROL JOINT 3/L7.01 3.2 LEUDERS LIMESTONE STEPS 1/L7.11 4.1 CONCRETE STEPPING PADS 1/L7.10 3.2 LEUDERS SUMESTONE STEPS @ LAWN 6/L7.05 4.3 MUTT MIT STATION 3/L7.05 4.4	DETAIL		DETAIL/	SPEC.
1.1 CAST IN PLACE CONCRETE 1/L7.01 1.2 CAST IN PLACE CONCRETE 4/L7.01 1.3 PAVERS 5/L7.01 1.4 PAVERS @ CLANTING 7/L7.01 1.5 PAVERS @ PLANTING 7/L7.01 1.6 DECOMPOSED GRANITE 8/L7.01 1.7 DECOMPOSED GRANITE 8/L7.01 1.8 CURBING @ RUBBERIZED FALL SURFACE 2/L7.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/L7.03 1.11 GRATE @ RUBBERIZED FALL SURFACE 3/L7.01 2.1 EXPANSION JOINT 2/L.701 2.2 CONTROL_JOINT 3/L7.01 3.1 CONCRETE STAIRS 1/L7.02 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/L7.02 3.3 CONCRETE STAIRS 1/L7.01 4.1 COCKTAIL TABLE 1/L7.01 4.2 WOOD LOG BENCH 2/L7.05 4.3 MUTT MITT STATION 3/L7.03 4.4 VOLLEYBALL NET 2/L7.05 4.4 VOLLEYBALL NET 2/L7.05	NUMBER	DETAIL	SHEET	SECTIO
12 CAST IN PLACE CONCRETE @ CURB 4/L7.01 1.3 PAVERS 5/L7.01 1.4 PAVERS @ CONCRETE 6/L7.01 1.5 PAVERS @ CONCRETE 6/L7.01 1.6 DECOMPOSED GRANITE 8/L7.01 1.6 DECOMPOSED GRANITE 8/L7.01 1.7 DECOMPOSED GRANITE 8/L7.02 1.8 CURBING @ RUBBERIZED FALL SURFACE 2/L7.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/L7.03 1.10 ADA RAMP 3/L7.03 1.11 GRATE @ RUB RAISED FALL SURFACE 3/L7.01 2.2 CONTROL JOINT 3/L7.01 2.2 CONTROL JOINT 3/L7.01 3.3 CONCRETE STAIRS 1/L7.02 3.4 CONCRETE STAIRS 1/L7.01 4.2 CONCRETE STEPPING PADS 1/L7.11 4.1 COCKTAIL TABLE 1/L7.05 4.2 WOOD LOG BENCH 2/L7.05 4.3 MUTT MIT STATION 3/L7.07 4.4 VOLLEYBALL NET 2/L7.06 <		1 - PAVEMENT, RAMPS, CURBS		
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1.4 PAVERS @ CONCRETE 6/L7.01 1.5 PAVERS @ PLANTING 7/L7.01 1.6 DECOMPOSED GRANITE 8/L7.01 1.7 DECOMPOSED GRANITE 9/L7.01 1.8 CURBING @ RUBBERIZED FALL SURFACE 2/L7.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 2/L7.02 1.10 ADA RAMP 3/L7.03 1.11 GRATE @ RAIN GARDEN 3/L7.01 2.1 EXPANSION JOINT 2/L.701 2.2 CONTROL JOINT 3/L7.01 3.1 CONCRETE STAIRS 1/L7.02 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/L7.02 3.3 CONCRETE STEPING PADS 1/L7.11 4 SITE FURNITURE 1/L7.05 4.1 COCKTAIL TABLE 1/L7.05 4.2 WOOD LOG BENCH 2/L7.05 4.3 MUTT MIT STATION 3/L7.03 4.4 VOLLEYBALL NET 2/L7.07 4.5 BEQ GRILL 3/L7.05 4.4 VOLLEYBALL NET 2/L7.06 4.7	1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.5 PAVERS@PLANTING 7/L7.01 1.6 DECOMPOSED GRANITE 8/L7.01 1.7 DECOMPOSED GRANITE 8/L7.02 1.8 CURRING @ RUBBERIZED FALL SURFACE 2/L7.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/L7.03 1.10 ADA RAMP 3/L7.03 1.11 GRATE @ RAIN GARDEN 3/L7.01 2.2 CONTROL JOINT 2/L.701 2.2 CONTROL JOINT 3/L7.01 3.1 CONCRETE STEPS 1/L7.02 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/L7.02 3.3 CONCRETE STEPPING PADS 1/L7.01 4 SITE FURNITURE 1/L7.05 4.1 COKTAIL TABLE 1/L7.05 4.2 WOOD LOG BENCH 2/L7.05 4.3 MUTT MITT STATION 3/L7.06 4.4 VOLLEYBALL NET 2/L7.06 4.4 VOLLEYBALL NET 2/L7.06 4.5 BBQ GRILL 3/L7.07 4.6 DOG PARK WATER FOUNTAIN 1/L7.08 4.7	1.3	PAVERS	5/L7.01	
1.6 DECOMPOSED GRANITE 8/17.01 1.7 DECOMPOSED GRANITE 8/17.01 1.8 CURBING @ RUBBERIZED FALL SURFACE 3/17.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/17.02 1.10 ADA RAMP 3/17.02 1.11 GRATE @ RAIN GARDEN 3/17.03 1.11 GRATE @ RAIN GARDEN 3/17.01 2.1 EXPANSION JOINT 2/1.701 2.2 CONTROL JOINT 3/1.701 3.1 CONCRETE STAIRS 1/17.01 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/17.02 3.3 CONCRETE STEP PING PADS 1/17.11 4 SITE FURNITURE 1/17.05 4.1 COCKTAIL TABLE 1/17.05 4.2 WOOD LOG BENCH 2/17.05 4.3 MUTT MITT STATION 3/17.03 4.4 VOLLEYBALL NET 2/17.06 4.3 MUTT MITT STATION 3/17.06 4.4 VOLLEYBALL NET 2/17.06 4.5 BBQ GRILL 3/17.07 4.6<	1.4	¥	6/L7.01	
1.7 DECOMPOSED GRANITE @ PLANTING 9/17.01 1.8 CURBING @ RUBBERIZED FALL SURFACE 2/17.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/17.03 1.10 ADA RAMP 3/17.03 1.11 GRATE @ RAIN GARDEN 3/17.03 1.11 GRATE @ RAIN GARDEN 3/17.01 2.2 CONTROL JOINT 2/1.701 2.2 CONTROL JOINT 3/1.7.01 3.1 CONCRETE STAIRS 1/1.7.02 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/1.7.02 3.3 CONCRETE STEPPING PADS 1/17.11 4 - SITE FURNITURE 4.1 COKTALL TABLE 1/17.05 4.2 WOOD LOG BENCH 2/17.05 4.3 MUTT MITT STATION 3/1.7.01 4.4 VOLLEYBALL NET 2/17.07 4.5 BBQ GRILL 3/1.7.07 4.6 DOG PARK WATER FOUNTAIN 1/17.08 4.7 WATER FOUNTAIN 2/1.7.07 4.8 TRASH RECEPTACLE 3/1.7.08 4.9		C	7/L7.01	
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4 - SITE FURNITURE 4.1 COCKTAIL TABLE 1/L7.05 4.2 WOOD LOG BENCH 2/L7.05 4.3 MUTT MIT STATION 3/L7.06 4.4 VOLLEYBALL NET 2/L7.07 4.5 BBQ GRILL 3/L7.07 4.6 DOG PARK WATER FOUNTAIN 1/L7.08 4.7 WATER FOUNTAIN 2/L7.08 4.8 TRASH RECEPTACLE 3/L7.08 4.9 PING PONG TABLE 4/L7.08 4.10 SWING 1/L7.09 4.11 CUSTOM HAMMOCK 2/L7.11 SITE WALLS/EMBANKMENTS 5.1 LIMESTONE BLOCK 1/L7.02 5.2 BLADE WALL SIGNAGE 1/L7.04 GE RAILINGS, BARRIERS, FENCING 6.1 HANDRAIL @ CONCRETE STAIRS 4/L7.02 6.2 DOUBLE SWING DOG PARK FENCE 2/L7.06 6.3 SINGLE SWING DOG PARK FENCE 3/L7.06 6.4 DOG PARK POLE LIGHTING 1/L7.12 7.1 FESTOON LIGHTING 1/L7.12 7.2		<u> </u>		
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7.3 AREA LIGHT 3/L7.12 7.4 CULTURAL TRAIL LIGHT 4/L7.12 7.5 DOWN LIGHT 5/L7.12 7.6 PUCK LIGHT 6/L7.12 7.7 RECESSED WALL LIGHT 1/L7.13 7.8 RECESSED STEP LIGHT 2/L7.13 7.9 UPLIGHT 3/L7.13 7.10 PEDESTRIAN LIGHT 4/L7.13 8 - SIGNAGE 8.1 BBQ RULES SIGNAGE 2/L7.03 8.2 PARK RULES SIGNAGE 5/L7.05 9 - PLANTING AND LANDSCAPE 9.1 STEEL EDGING 10/L7.01 9.2 SOLID SOD SOIL 3/L7.14 9.3 PLANTING SOIL 4/L7.14				
7.5 DOWN LIGHT 5/L7.12 7.6 PUCK LIGHT 6/L7.12 7.7 RECESSED WALL LIGHT 1/L7.13 7.8 RECESSED STEP LIGHT 2/L7.13 7.9 UPLIGHT 3/L7.13 7.10 PEDESTRIAN LIGHT 4/L7.13 8 - SIGNAGE 8.1 BBQ RULES SIGNAGE 2/L7.03 8.2 PARK RULES SIGNAGE 5/L7.05 9 - PLANTING AND LANDSCAPE 9.1 STEEL EDGING 10/L7.01 9.2 SOLID SOD SOIL 3/L7.14 9.3 PLANTING SOIL 4/L7.14	7.3			
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7.8 RECESSED STEP LIGHT 2/L7.13 7.9 UPLIGHT 3/L7.13 7.10 PEDESTRIAN LIGHT 4/L7.13 8 - SIGNAGE 8.1 BBQ RULES SIGNAGE 2/L7.03 8.2 PARK RULES SIGNAGE 5/L7.05 9 - PLANTING AND LANDSCAPE 9.1 STEEL EDGING 10/L7.01 9.2 SOLID SOD SOIL 3/L7.14 9.3 PLANTING SOIL 4/L7.14	7.6	PUCK LIGHT	6/L7.12	
7.9 UPLIGHT 3/L7.13 7.10 PEDESTRIAN LIGHT 4/L7.13 8 - SIGNAGE 2/L7.03 8.1 BBQ RULES SIGNAGE 2/L7.03 8.2 PARK RULES SIGNAGE 5/L7.05 9 - PLANTING AND LANDSCAPE 9 9.1 STEEL EDGING 10/L7.01 9.2 SOLID SOD SOIL 3/L7.14 9.3 PLANTING SOIL 4/L7.14	7.7		1/L7.13	
7.10 PEDESTRIAN LIGHT 4/L7.13 8 - SIGNAGE 2/L7.03 8.1 BBQ RULES SIGNAGE 2/L7.03 8.2 PARK RULES SIGNAGE 5/L7.05 9 - PLANTING AND LANDSCAPE 9.1 STEEL EDGING 10/L7.01 9.2 SOLID SOD SOIL 3/L7.14 9.3 PLANTING SOIL 4/L7.14	-			
8 - SIGNAGE8.1BBQ RULES SIGNAGE2/L7.038.2PARK RULES SIGNAGE5/L7.059 - PLANTING AND LANDSCAPE9.1STEEL EDGING10/L7.019.2SOLID SOD SOIL3/L7.149.3PLANTING SOIL4/L7.1410 - SECTIONS & ELEVATIONS				
8.1 BBQ RULES SIGNAGE 2/L7.03 8.2 PARK RULES SIGNAGE 5/L7.05 9 - PLANTING AND LANDSCAPE 9.1 STEEL EDGING 10/L7.01 9.2 SOLID SOD SOIL 3/L7.14 9.3 PLANTING SOIL 4/L7.14 10 - SECTIONS & ELEVATIONS	7.10		4/L7.13	
8.2 PARK RULES SIGNAGE 5/L7.05 9 - PLANTING AND LANDSCAPE 9.1 STEEL EDGING 10/L7.01 9.2 SOLID SOD SOIL 3/L7.14 3/L7.14 9.3 PLANTING SOIL 4/L7.14 10 - SECTIONS & ELEVATIONS		8 - SIGNAGE		
9 - PLANTING AND LANDSCAPE 9.1 STEEL EDGING 10/L7.01 9.2 SOLID SOD SOIL 3/L7.14 9.3 PLANTING SOIL 4/L7.14 10 - SECTIONS & ELEVATIONS	8.1	BBQ RULES SIGNAGE	2/L7.03	
9 - PLANTING AND LANDSCAPE 9.1 STEEL EDGING 10/L7.01 9.2 SOLID SOD SOIL 3/L7.14 9.3 PLANTING SOIL 4/L7.14 10 - SECTIONS & ELEVATIONS	8.2	PARK RULES SIGNAGE	5/L7.05	
9.1 STEEL EDGING 10/L7.01 9.2 SOLID SOD SOIL 3/L7.14 9.3 PLANTING SOIL 4/L7.14 10 - SECTIONS & ELEVATIONS		9 - PLANTING AND LANDSCAPE	1	1
9.2 SOLID SOD SOIL 3/L7.14 9.3 PLANTING SOIL 4/L7.14 10 - SECTIONS & ELEVATIONS	9.1		10/L7 01	
9.3 PLANTING SOIL 4/L7.14 10 - SECTIONS & ELEVATIONS				+
10 - SECTIONS & ELEVATIONS				
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10.1 WEST FACING SECTION 1/L7.14	10.1		1/1 7 14	





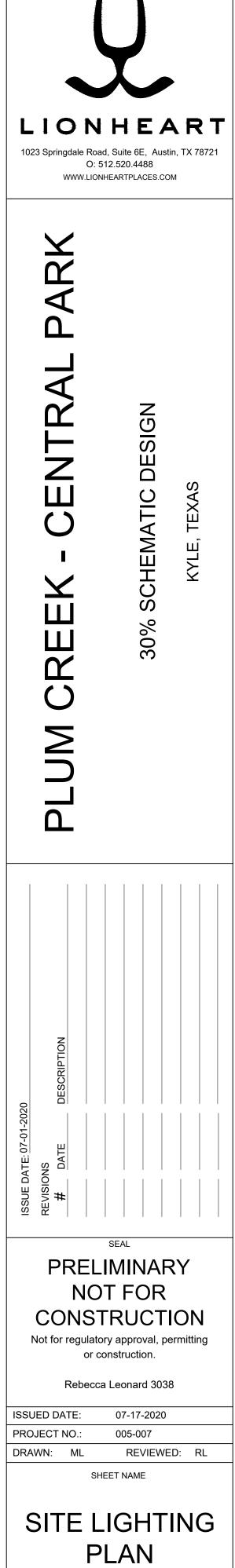
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SHEET NUMBER L5.03

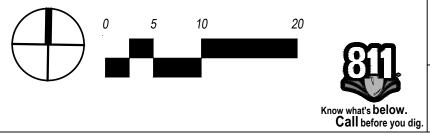


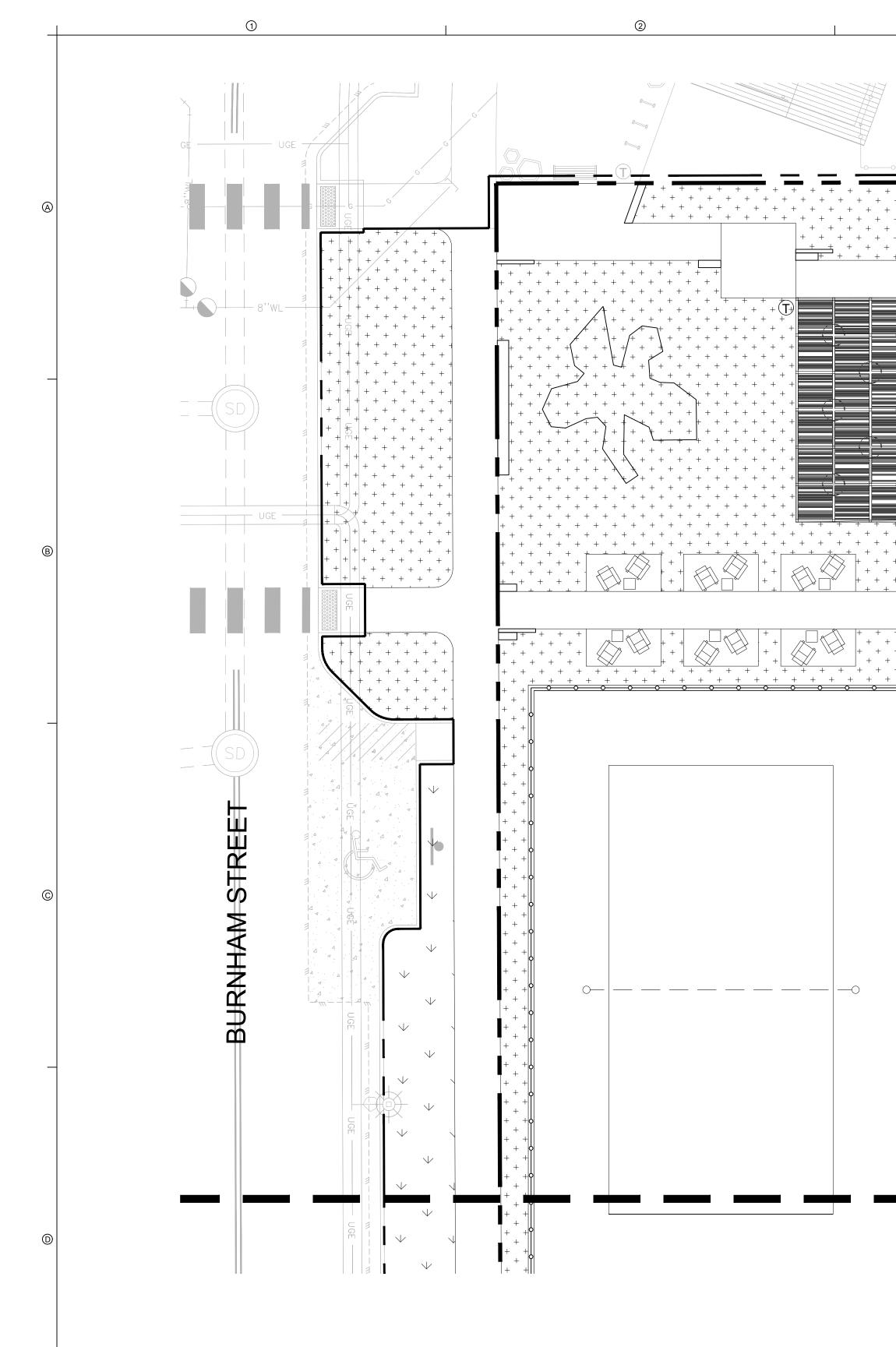
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	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC. SECTION
NONIDEIX	1 - PAVEMENT, RAMPS, CURBS	UNLLI	SECTION
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
1	2 - JOINTING		
2.1	EXPANSION JOINT	2/L.701	
2.2	CONTROL JOINT	3/L7.01	
	3-STEPS		
3.1	CONCRETE STAIRS	1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
	4 - SITE FURNITURE		
4.1	COCKTAIL TABLE	1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
	5 - SITE WALLS/EMBANKMENTS		
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
	6 - RAILINGS, BARRIERS, FENCING	i	
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06	
6.4	DOG PARK FENCE	3/L7.06	
6.5	VOLLEYBALL FENCE	1/L7.07	
I_	7 - LIGHTING / ELETRICAL		
7.1	FESTOON LIGHTING	1/L7.12	
7.2	VEHICULAR POLE LIGHTING	2/L7.12	
7.3	AREA LIGHT	3/L7.12	
7.4	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE		
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE	1	
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.3	PLANTING SOIL	4/L7.14	
	10 - SECTIONS & ELEVATIONS		
10.1	WEST FACING SECTION	1/L7.14	
10.2	SOUTH FACING SECTION	2/L7.14	
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SHEET NUMBER L5.04





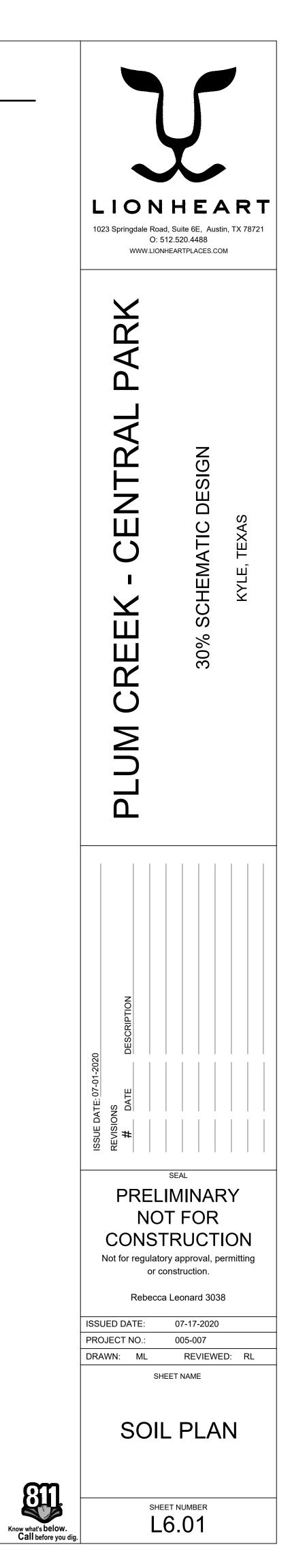
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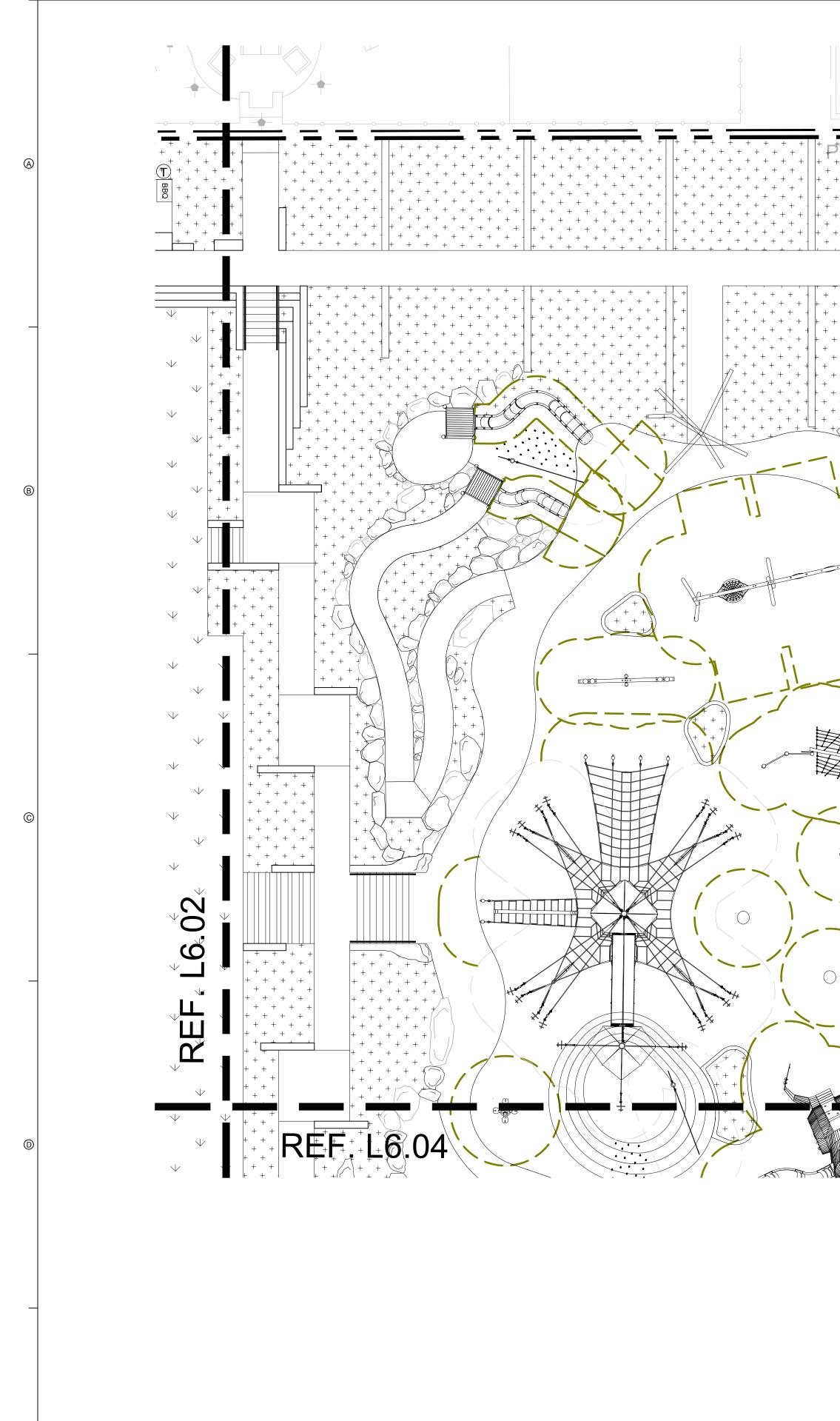
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Soil Legend:

LAWN SOIL AREA, REF. DETAIL 3 ON SHEET L3.14

PLANTING SOIL AREA, REF. DETAIL 4 ON SHEET L3.14





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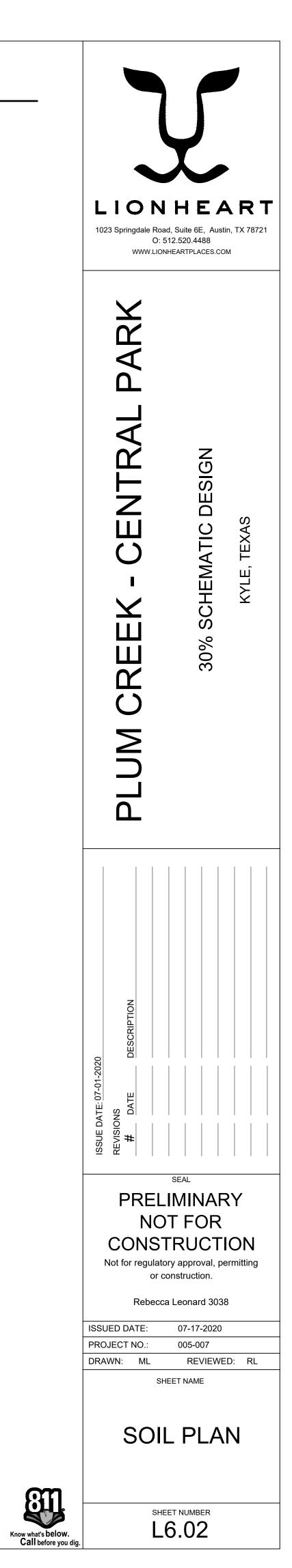
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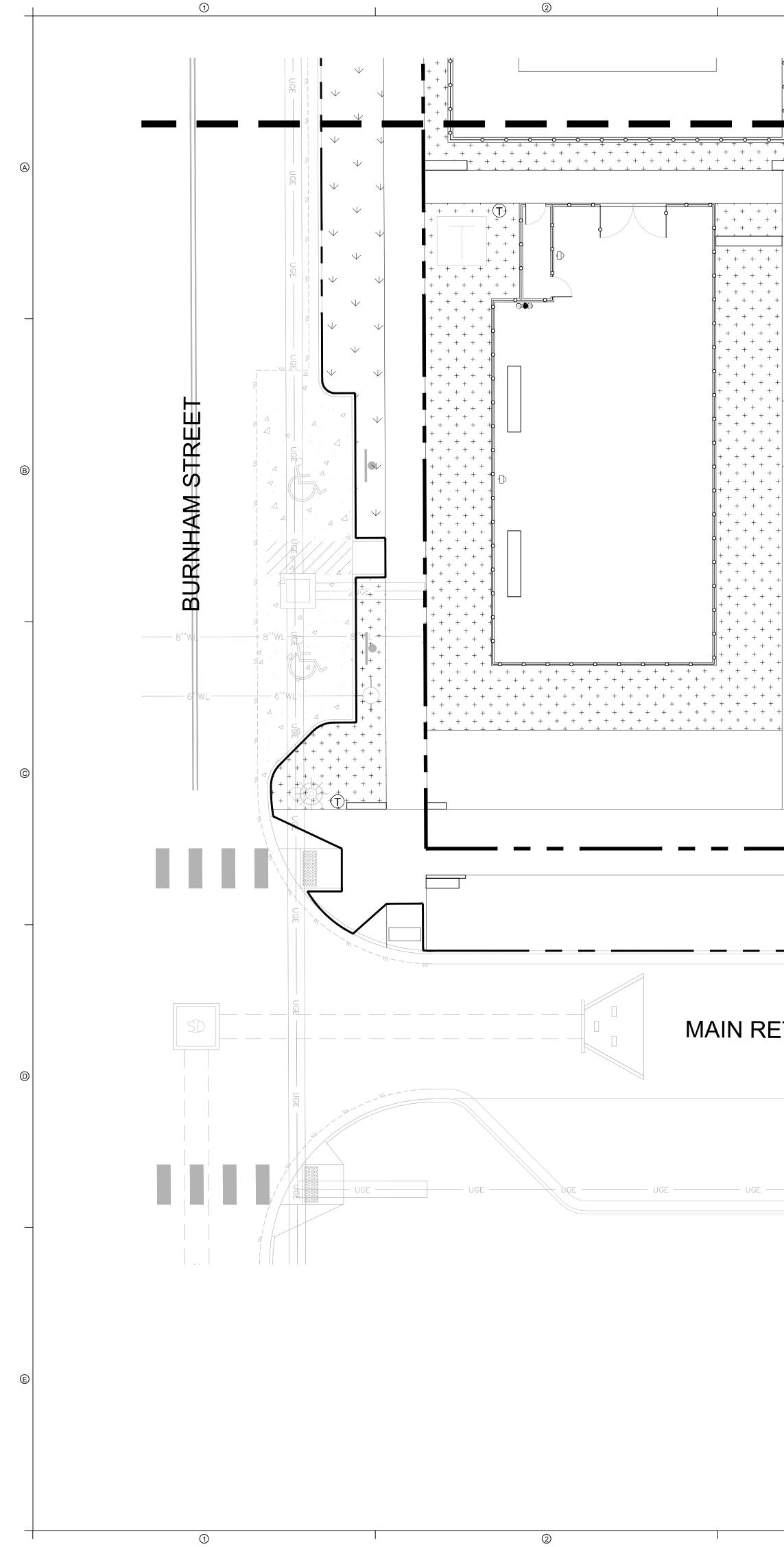
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LAWN SOIL AREA, REF. DETAIL 3 ON SHEET L3.14

PLANTING SOIL AREA, REF. DETAIL 4 ON SHEET L3.14







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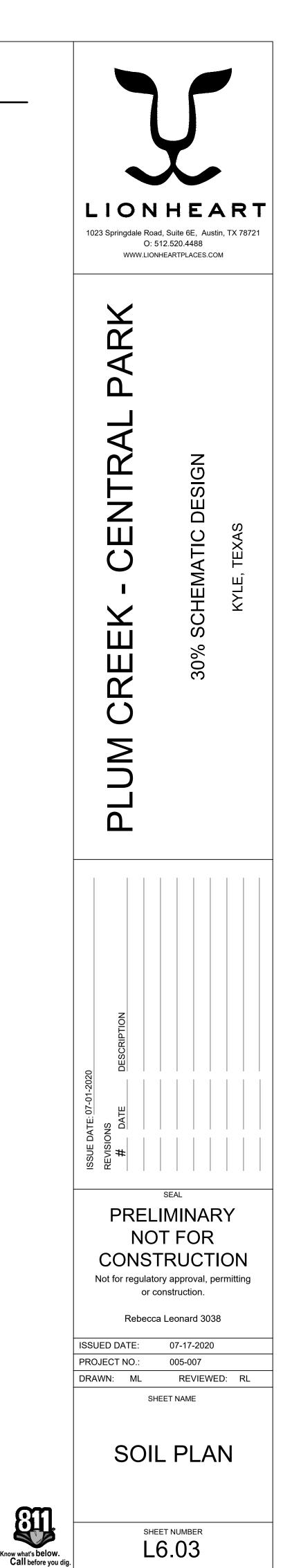
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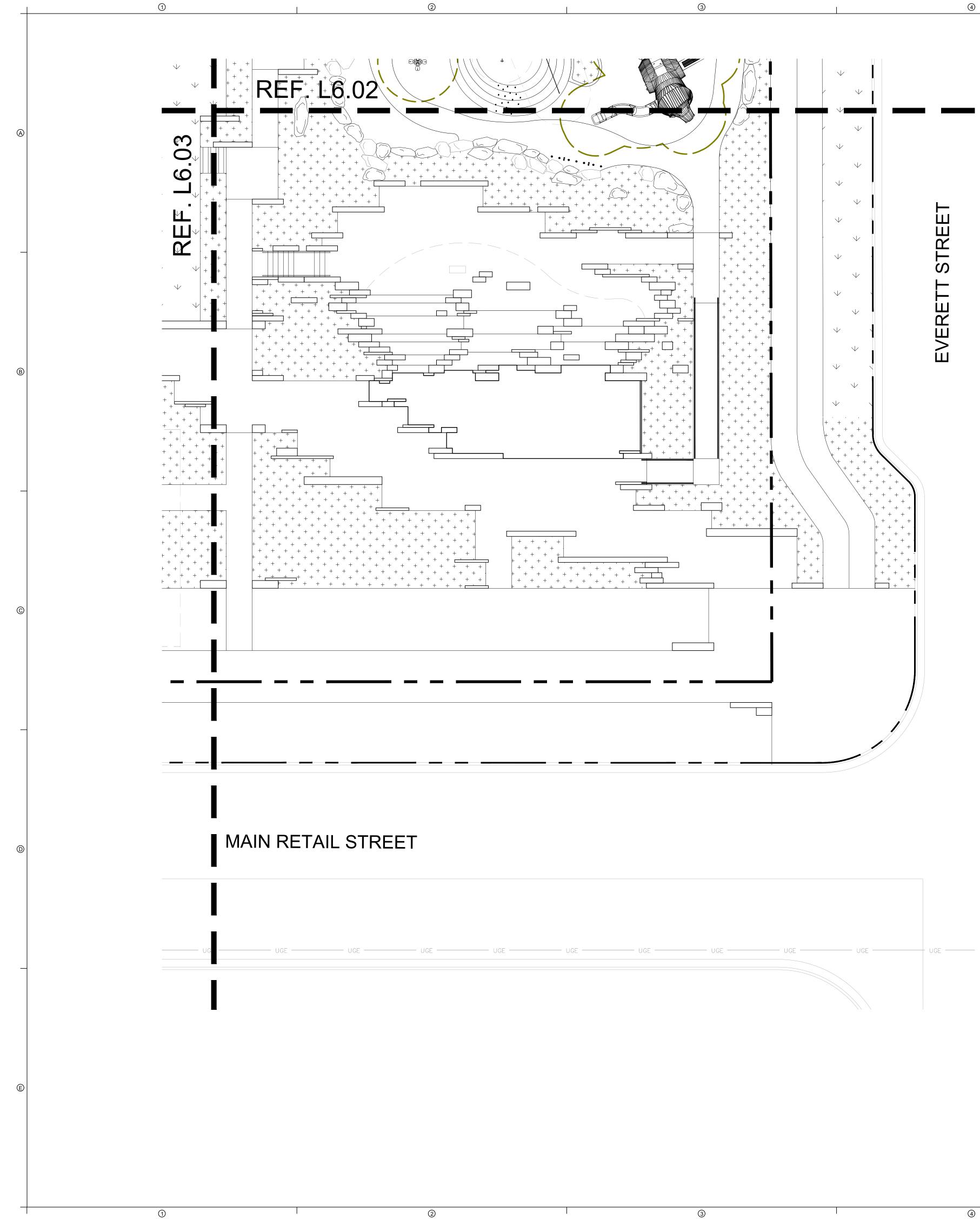
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LAWN SOIL AREA, REF. DETAIL 3 ON SHEET L3.14

PLANTING SOIL AREA, REF. DETAIL 4 ON SHEET L3.14



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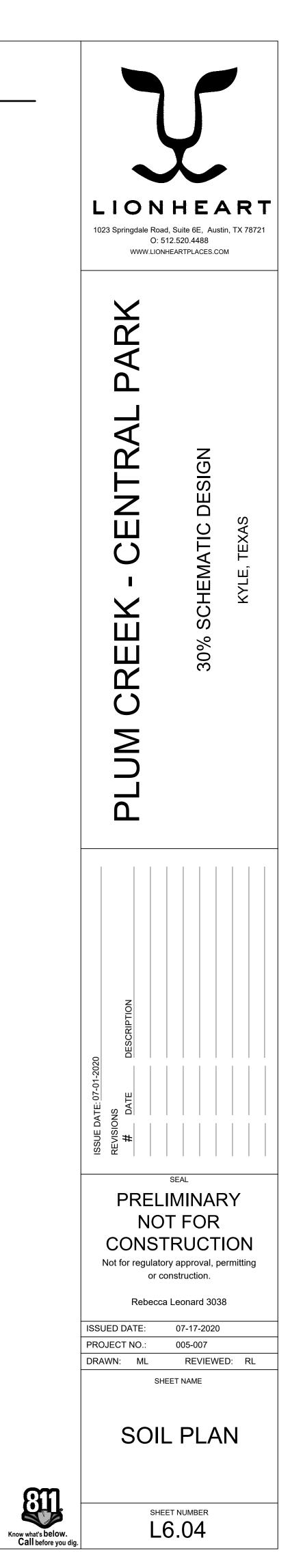
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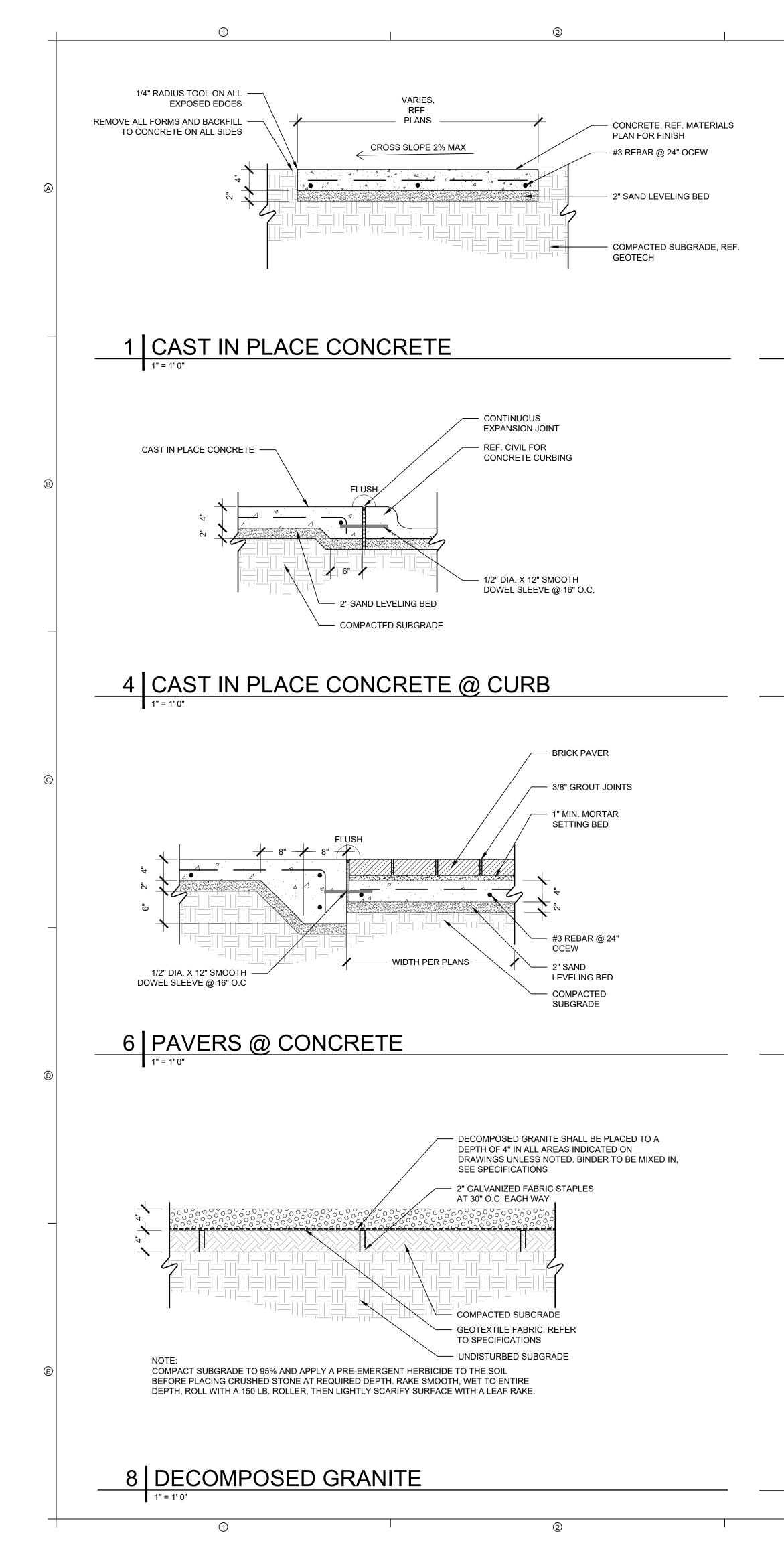
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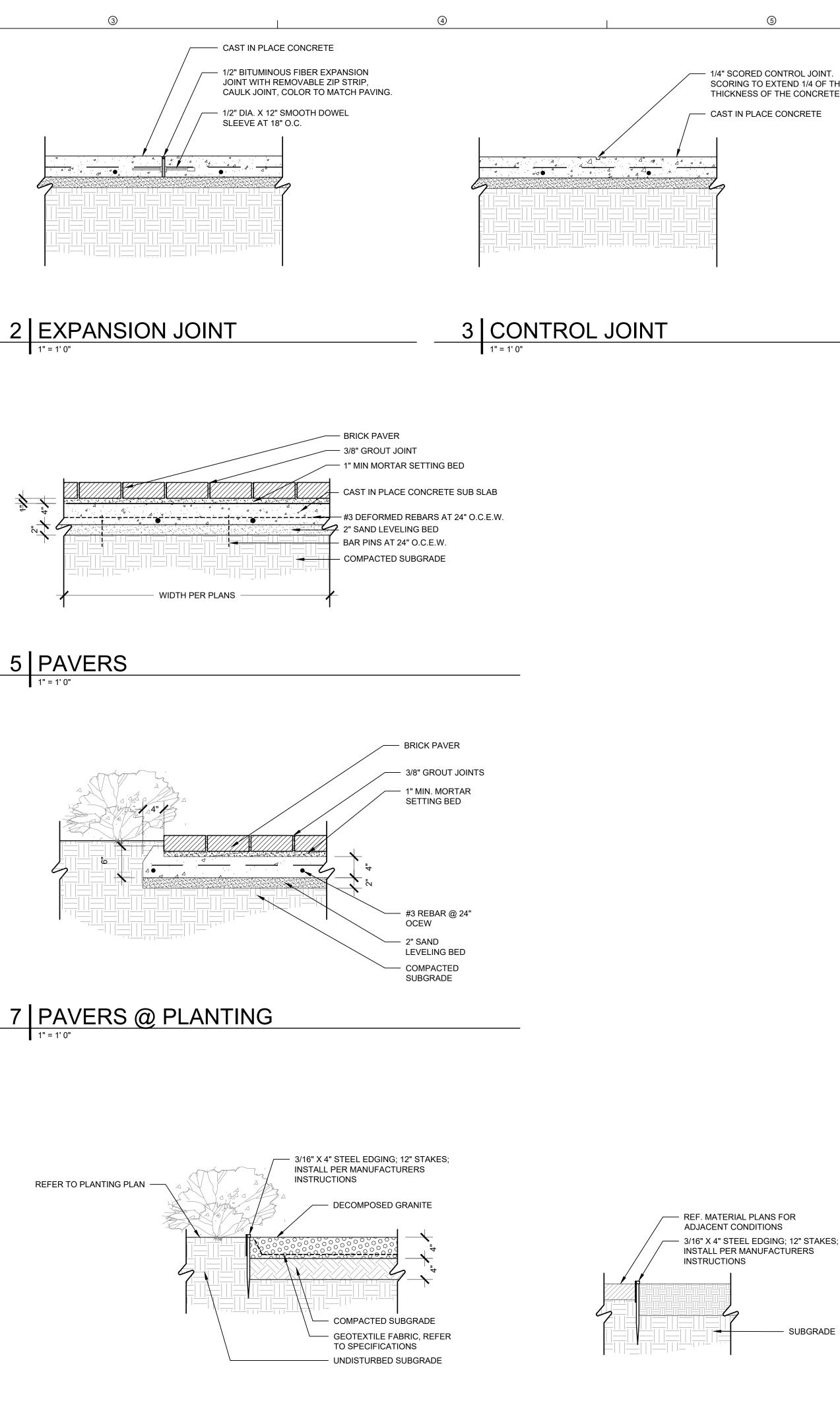
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LAWN SOIL AREA, REF. DETAIL 3 ON SHEET L3.14

PLANTING SOIL AREA, REF. DETAIL 4 ON SHEET L3.14







9 DECOMPOSED GRANITE @ PLANTING 1" = 1' 0"

3

10 STEEL EDGING 1" = 1' 0"

ROL JOINT. ND 1/4 OF THE E CONCRETE	
NCRETE	

	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC.
	1 - PAVEMENT, RAMPS, CURBS		
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
a (2 - JOINTING		1
2.1	EXPANSION JOINT	2/L.701	
2.2		3/L7.01	
0.4		4/1 7 00	
3.1	CONCRETE STAIRS LEUDERS LIMESTONE STEPS @ LAWN	1/L7.02	
3.2		5/L7.02	
3.3		1/L7.11	
1 1		1/1 7 05	
4.1	COCKTAIL TABLE WOOD LOG BENCH	1/L7.05 2/L7.05	
4.2	MUTT MITT STATION	3/L7.05	
4.3	VOLLEYBALL NET	2/L7.07	
4.4	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
I	5 - SITE WALLS/EMBANKMENTS		1
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
I	6 - RAILINGS, BARRIERS, FENCING	G	1
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE		
6.3		1/L7.06	
6.4	SINGLE SWING DOG PARK FENCE DOG PARK FENCE	2/L7.06 3/L7.06	
6.5	VOLLEYBALL FENCE	1/L7.07	
0.0	7 - LIGHTING / ELETRICAL	1/27.07	
7.1	FESTOON LIGHTING	1/L7.12	
7.2	VEHICULAR POLE LIGHTING	2/L7.12	
7.3	AREA LIGHT	3/L7.12	
7.4	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE		
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
I	9 - PLANTING AND LANDSCAPE		
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.3	PLANTING SOIL	4/L7.14	
	10 - SECTIONS & ELEVATIONS		
10.1	WEST FACING SECTION	1/L7.14	
10.1			

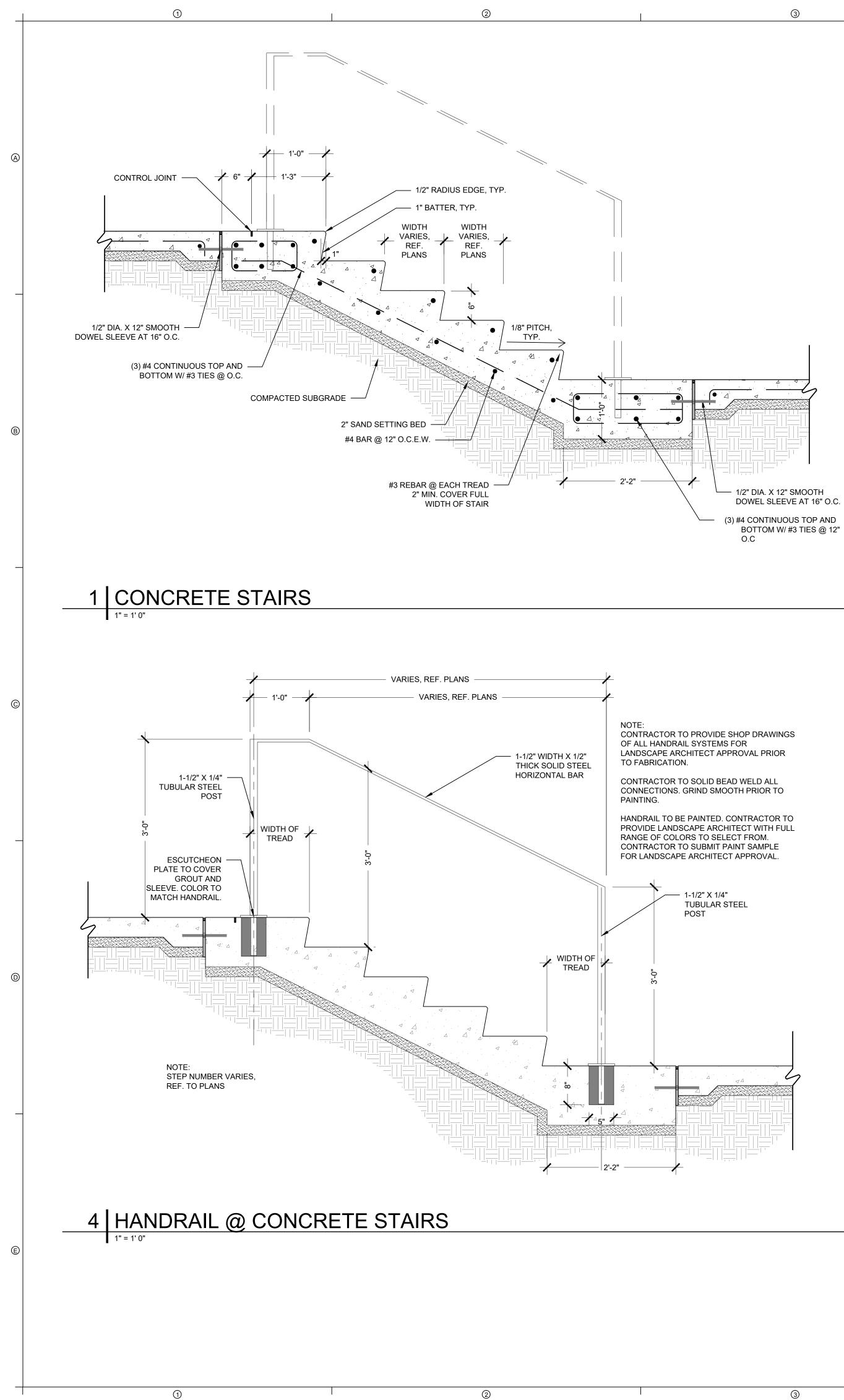
6

LIONHEART 1023 Springdale Road, Suite 6E, Austin, TX 78721 O: 512.520.4488 WWW.LIONHEARTPLACES.COM R X く Ω Ľ SCHEMATIC DESIGN CENT S TEXA KYLE, $\mathbf{\mathbf{Y}}$ Ш 30% Ц Ш Ш \bigcirc N SEAL PRELIMINARY NOT FOR CONSTRUCTION Not for regulatory approval, permitting or construction. Rebecca Leonard 3038 ISSUED DATE: 07-17-2020 PROJECT NO .: 005-007 DRAWN: ML REVIEWED: RL SHEET NAME SITE DETAILS

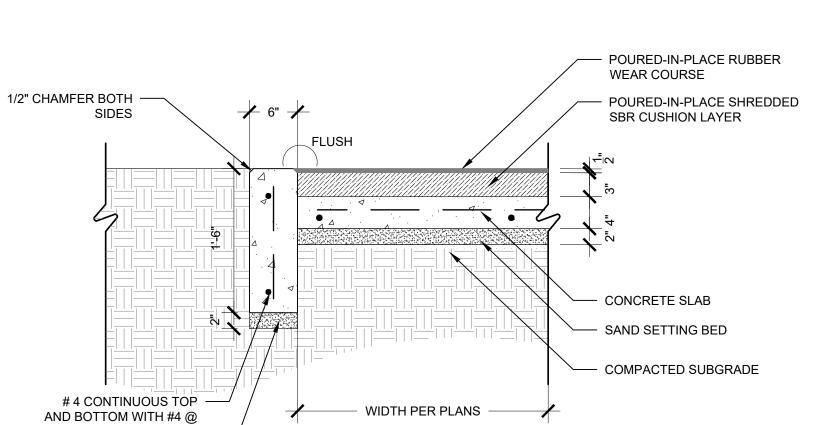
— SUBGRADE





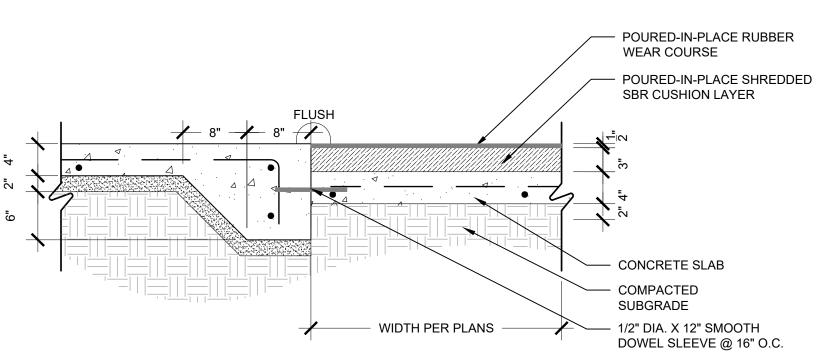


12" O.C. VERTICAL SAND SETTING BED

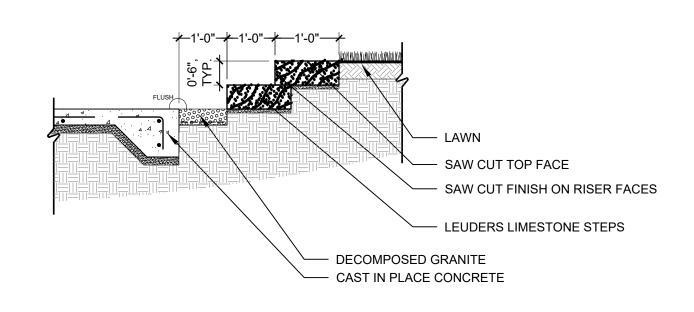


2 CURBING @ RUBBERIZED FALL SURFACE 1" = 1' 0"

- WIDTH PER PLANS ------



3 CONCRETE @ RUBBERIZED FALL SURFACE $1^{\circ} = 1^{\circ} 0^{\circ}$

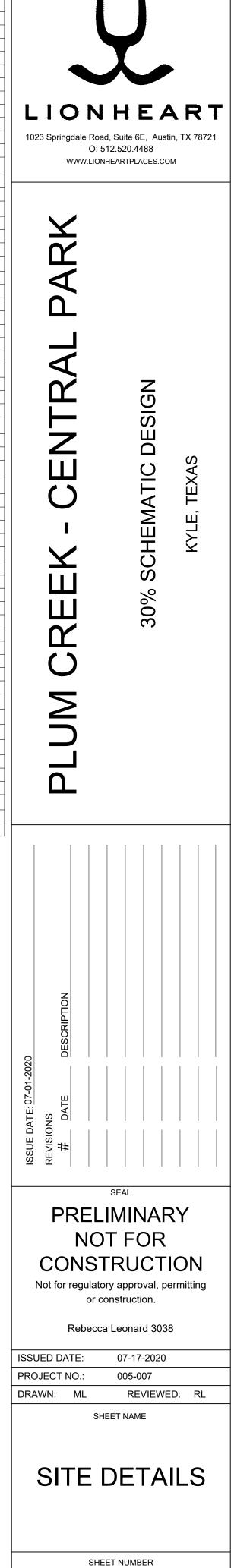


5 LEUDERS LIMESTONE STEPS @ LAWN

RUBBER	
SHREDDED	

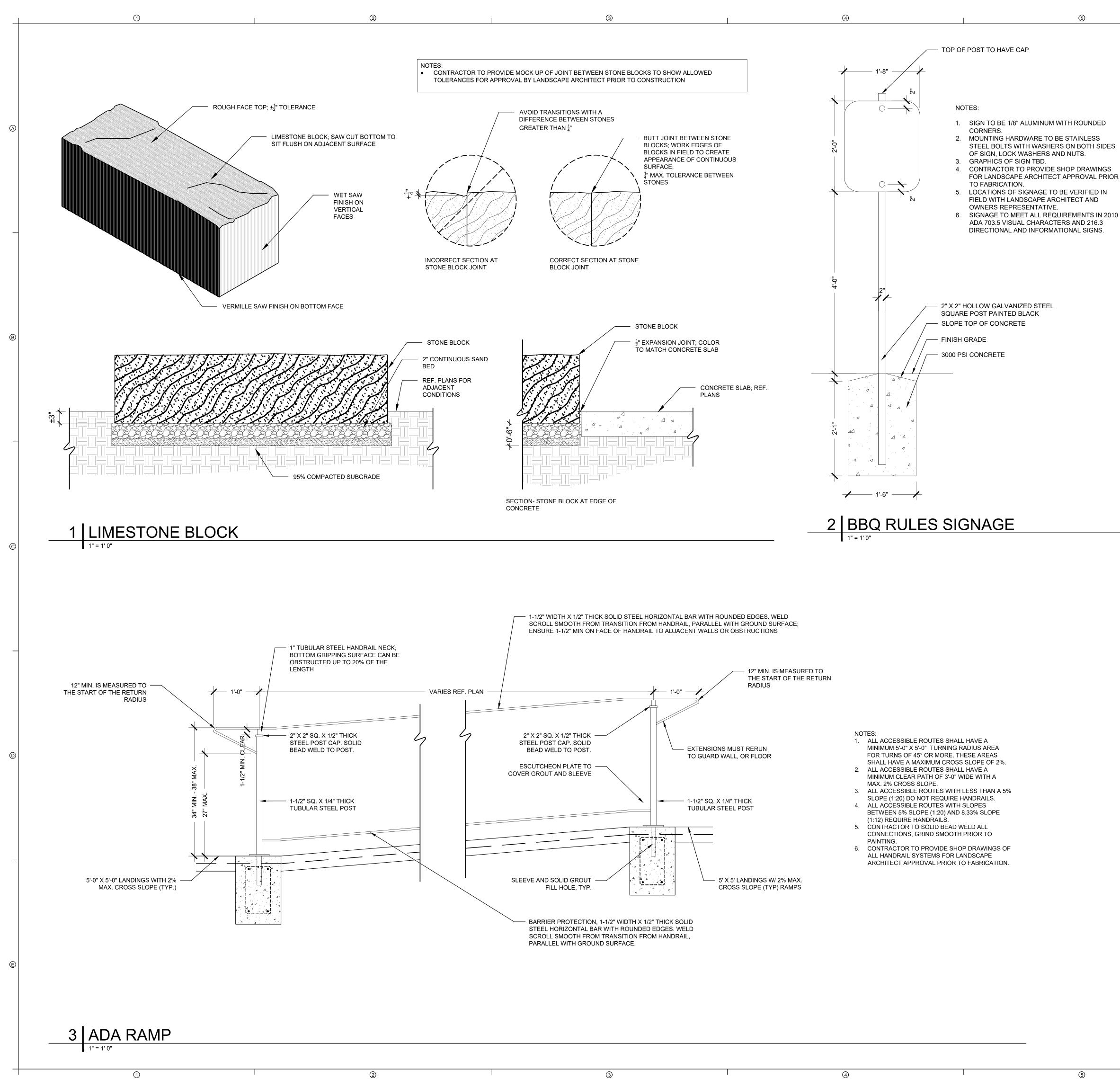
DETAIL	DETAIL	DETAIL/	SPEC.
UMBER		SHEET	SECTION
	1 - PAVEMENT, RAMPS, CURBS		
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8		2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10		3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING		
2.1	EXPANSION JOINT	2/L.701	
2.2	CONTROL JOINT	3/L7.01	
	3-STEPS		
3.1	CONCRETE STAIRS	1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
	4 - SITE FURNITURE		
4.1	COCKTAIL TABLE	1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
	5 - SITE WALLS/EMBANKMENTS		
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
	6 - RAILINGS, BARRIERS, FENCING	5	
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06	
6.4		3/L7.06	
6.5		1/L7.07	
- 4	7 - LIGHTING / ELETRICAL	4 11 7 4 0	
7.1		1/L7.12	
7.2		2/L7.12	
7.3		3/L7.12	
7.4		4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT RECESSED WALL LIGHT	6/L7.12	
7.7		1/L7.13	
7.8 7.9		2/L7.13 3/L7.13	
7.9	UPLIGHT PEDESTRIAN LIGHT		
1.10		4/L7.13	
0.1	8 - SIGNAGE	0/1 7 00	
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE		
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.3	PLANTING SOIL	4/L7.14	
	10 - SECTIONS & ELEVATIONS		
10.1	WEST FACING SECTION	1/L7.14	

6



Know what's below. Call before you dig.

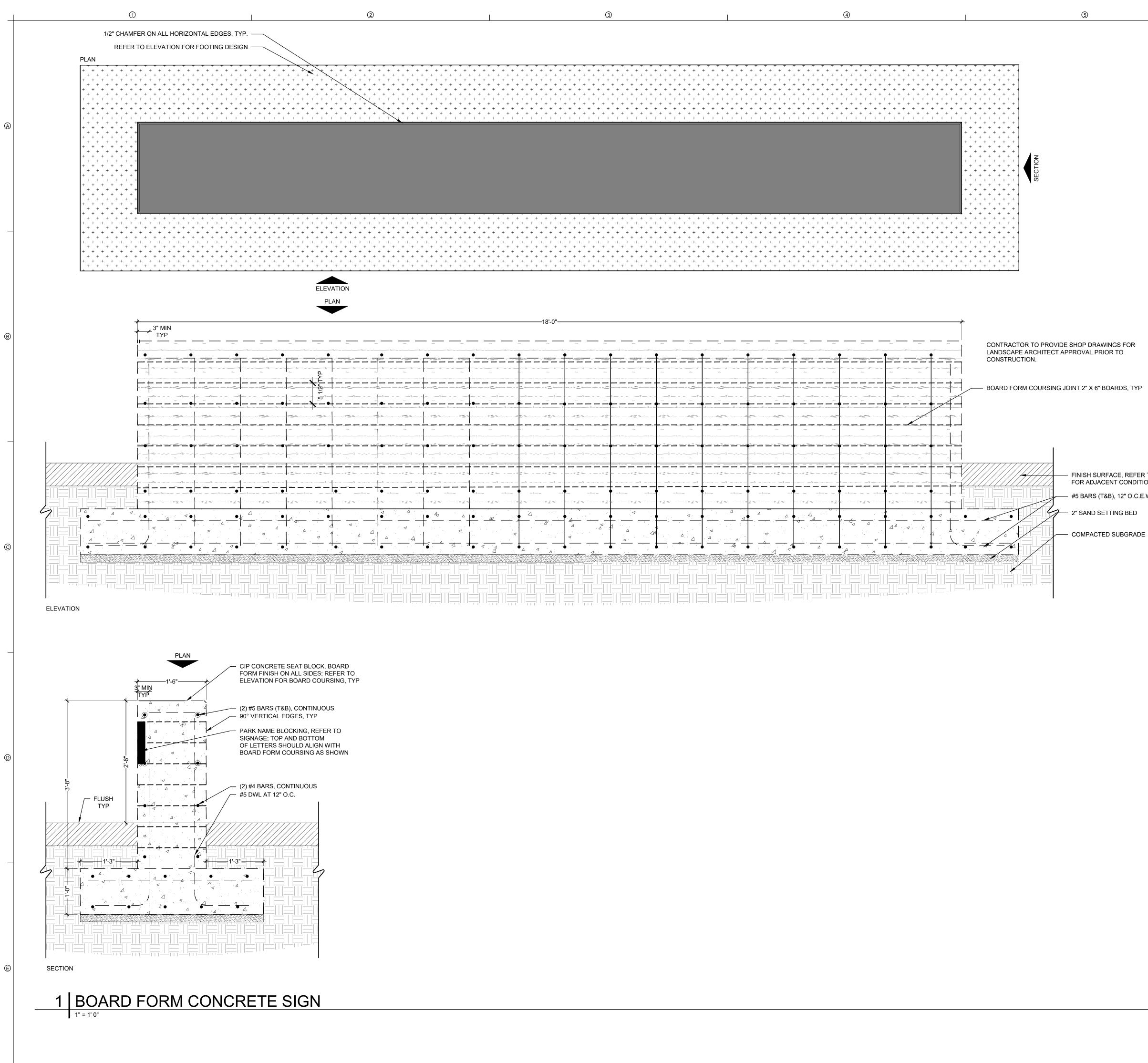
L7.02



	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC. SECTION
-	1 - PAVEMENT, RAMPS, CURBS	1	1
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING		
2.1	EXPANSION JOINT	2/L.701	
2.1	CONTROL JOINT	3/L7.01	
2.2		3/L7.01	
0.4		4/1 7 00	,
3.1		1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
	4 - SITE FURNITURE	1 m = -	,
4.1	COCKTAIL TABLE	1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
	5 - SITE WALLS/EMBANKMENTS		
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
	6 - RAILINGS, BARRIERS, FENCING		
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE		
		1/L7.06	
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06	
6.4 6.5	DOG PARK FENCE VOLLEYBALL FENCE	3/L7.06 1/L7.07	
0.5		I/L7.07	
	7 - LIGHTING / ELETRICAL	411 - 10	
7.1	FESTOON LIGHTING	1/L7.12	
7.2	VEHICULAR POLE LIGHTING	2/L7.12	
7.3		3/L7.12	
7.4		4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE	1	
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE	1	
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.2	PLANTING SOIL	4/L7.14	
9.0	10 - SECTIONS & ELEVATIONS	7/∟/.14	
10.1		1/L7.14	
10.1	WEST FACING SECTION SOUTH FACING SECTION		
10.2	SUUTE FACING SECTION	2/L7.14	

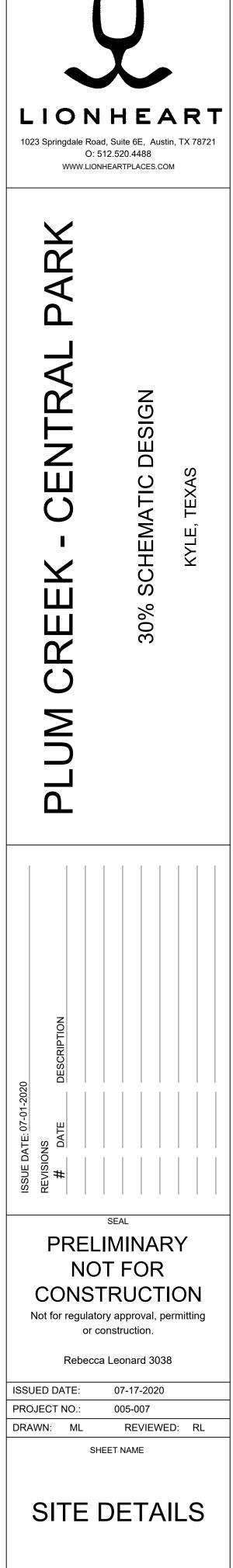
LIONHEART 1023 Springdale Road, Suite 6E, Austin, TX 78721 O: 512.520.4488 WWW.LIONHEARTPLACES.COM M M ESIG Ζ Ш C) CHEMATIC TEX \mathbf{C} ш Σ S 30% Ц Ш С \mathbf{C} \geq SEAL PRELIMINARY NOT FOR CONSTRUCTION Not for regulatory approval, permitting or construction. Rebecca Leonard 3038 ISSUED DATE: 07-17-2020 PROJECT NO .: 005-007 DRAWN: ML REVIEWED: RL SHEET NAME SITE DETAILS SHEET NUMBER L7.03

Know what's below. Call before you dig.



2

	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC. SECTION
	1 - PAVEMENT, RAMPS, CURBS		0201101
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10		3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING		
2.1	EXPANSION JOINT	2/L.701	
2.2		3/L7.01	
0.4	3-STEPS	4 11 - 00	1
3.1		1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3		1/L7.11	
4.1	4 - SITE FURNITURE COCKTAIL TABLE	1/L7.05	
4.1	WOOD LOG BENCH	2/L7.05	
4.2	MUTT MITT STATION	3/L7.05	
4.3	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
	5 - SITE WALLS/EMBANKMENTS		
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
	6 - RAILINGS, BARRIERS, FENCIN	G	
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06	
6.4	DOG PARK FENCE	3/L7.06	
6.5	VOLLEYBALL FENCE	1/L7.07	
	7 - LIGHTING / ELETRICAL		1
7.1	FESTOON LIGHTING	1/L7.12	
7.2	VEHICULAR POLE LIGHTING	2/L7.12	
7.3	AREA LIGHT	3/L7.12	
7.4	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT UPLIGHT	2/L7.13 3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE		1
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
0.2		5/17.00	
9.1	9 - PLANTING AND LANDSCAPE STEEL EDGING	10/1 7 04	
9.1	SOLID SOD SOIL	10/L7.01 3/L7.14	
9.2	PLANTING SOIL	3/L7.14 4/L7.14	
.7.1		+/∟1.14	
0.0			
10.1	10 - SECTIONS & ELEVATIONS WEST FACING SECTION	1/L7.14	



DUARDS, ITP	

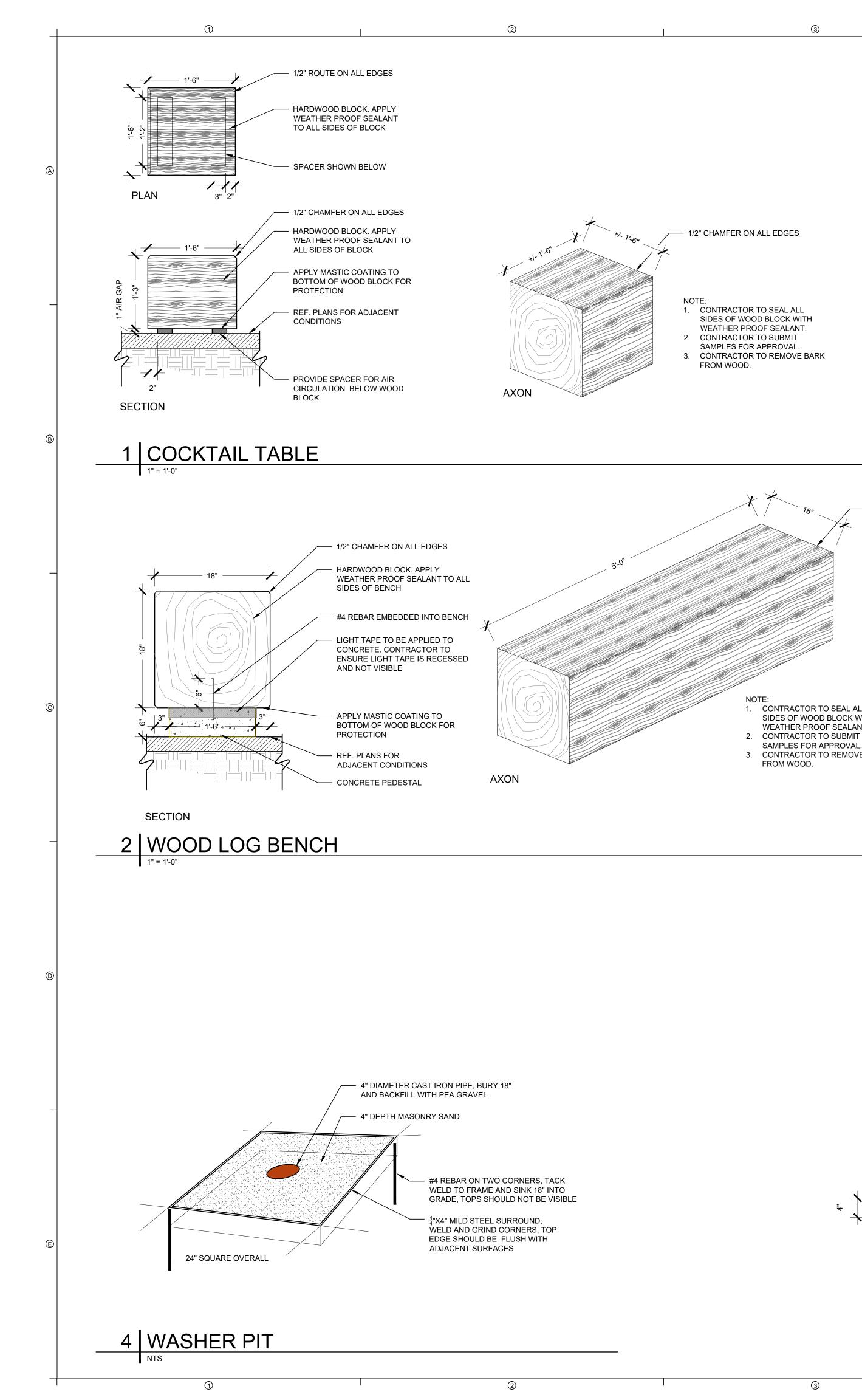
— FINISH SURFACE, REFER TO PLANS FOR ADJACENT CONDITIONS, TYP

– #5 BARS (T&B), 12" O.C.E.W.

6

Know what's below. Call before you dig.

SHEET NUMBER L7.04





— 1/2" CHAMFER ON ALL EDGES

NOTE:

1. CONTRACTOR TO SEAL ALL

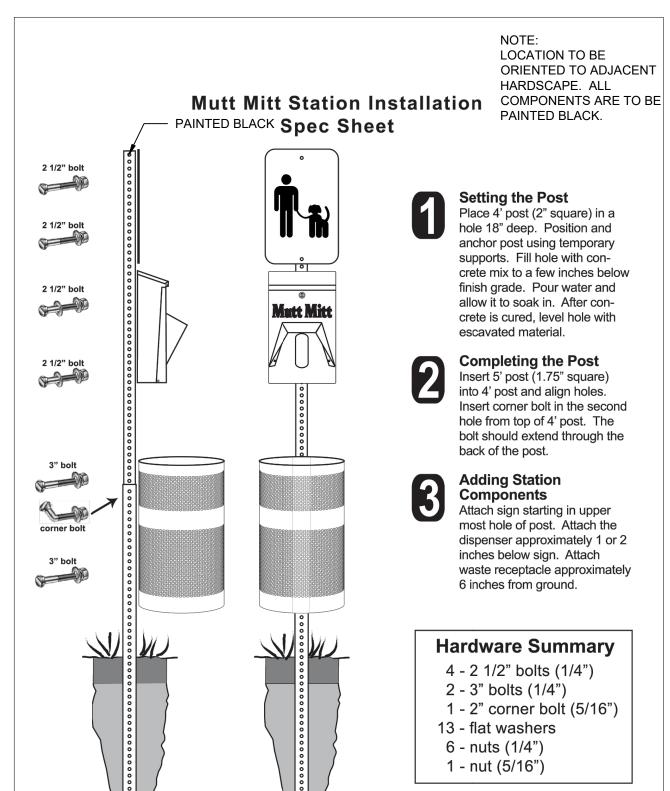
SIDES OF WOOD BLOCK WITH

WEATHER PROOF SEALANT.

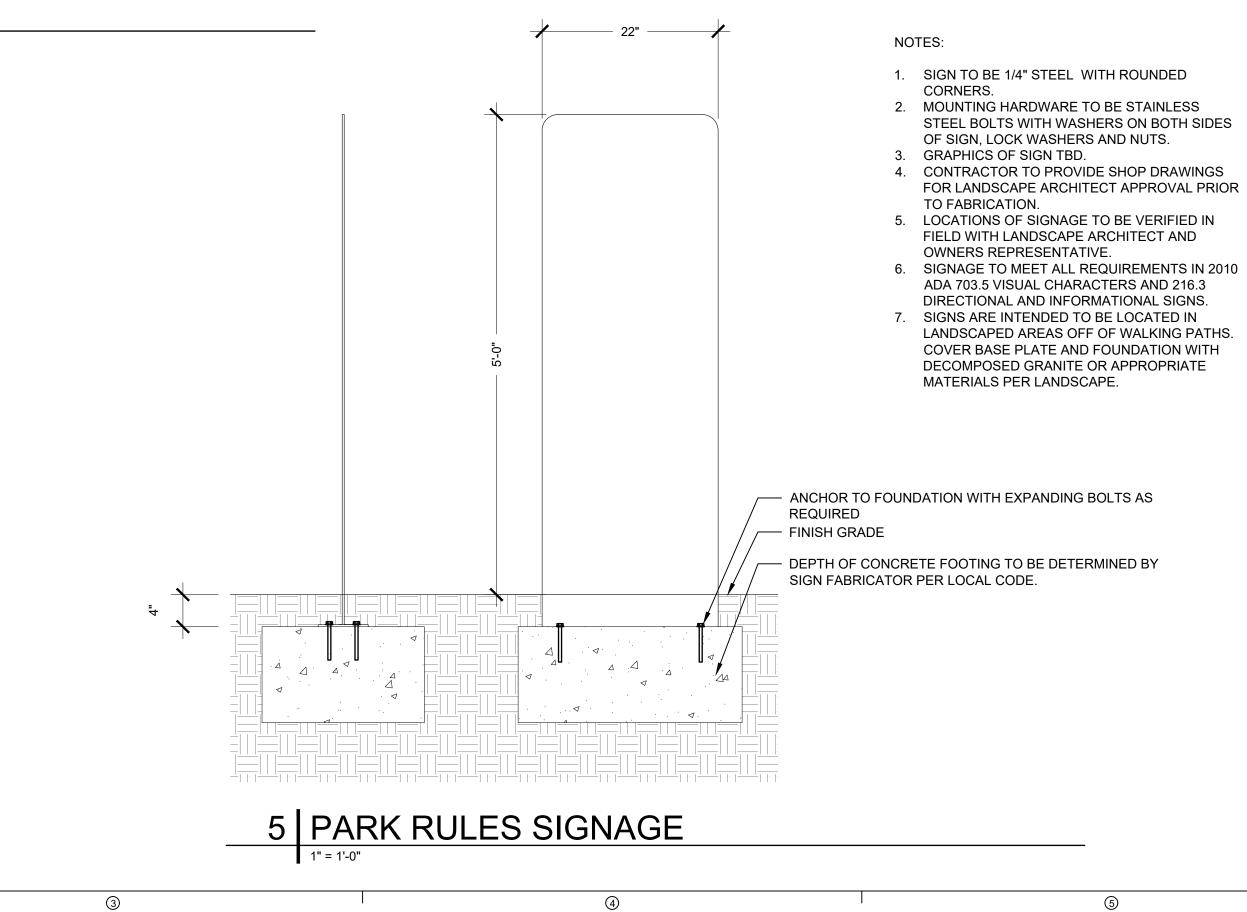
SAMPLES FOR APPROVAL. 3. CONTRACTOR TO REMOVE BARK

FROM WOOD.

(4)



3 MUTT MITT STATION



SITE KEYNOTES							
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC. SECTION				
	1 - PAVEMENT, RAMPS, CURBS						
1.1	CAST IN PLACE CONCRETE	1/L7.01					
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01					
1.3	PAVERS	5/L7.01					
1.4	PAVERS @ CONCRETE	6/L7.01					
1.5	PAVERS @ PLANTING	7/L7.01					
1.6	DECOMPOSED GRANITE DECOMPOSED GRANITE @ PLANTING	8/L7.01					
1.7 1.8	CURBING @ RUBBERIZED FALL SURFACE	9/L7.01 2/L7.02					
1.0	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02					
1.10		3/L7.03					
1.11	GRATE @ RAIN GARDEN	3/L7.11					
	2 - JOINTING	0,21111					
2.1	EXPANSION JOINT	2/L.701					
2.2	CONTROL JOINT	3/L7.01					
	3-STEPS						
3.1	CONCRETE STAIRS	1/L7.02					
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02					
3.3	CONCRETE STEPPING PADS	1/L7.11					
	4 - SITE FURNITURE						
4.1	COCKTAIL TABLE	1/L7.05					
4.2	WOOD LOG BENCH	2/L7.05					
4.3	MUTT MITT STATION	3/L7.05					
4.4	VOLLEYBALL NET	2/L7.07					
4.5	BBQ GRILL	3/L7.07					
4.6	DOG PARK WATER FOUNTAIN	1/L7.08					
4.7		2/L7.08					
4.8 4.9	TRASH RECEPTACLE PING PONG TABLE	3/L7.08 4/L7.08					
4.9	SWING	4/L7.08					
4.11	CUSTOM HAMMOCK	2/L7.11					
	5 - SITE WALLS/EMBANKMENTS	2,2111					
5.1	LIMESTONE BLOCK	1/L7.02					
5.2	BLADE WALL SIGNAGE	1/L7.04					
	6 - RAILINGS, BARRIERS, FENCING	ì					
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02					
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06					
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06					
6.4	DOG PARK FENCE	3/L7.06					
6.5	VOLLEYBALL FENCE	1/L7.07					
	7 - LIGHTING / ELETRICAL						
7.1	FESTOON LIGHTING	1/L7.12					
7.2	VEHICULAR POLE LIGHTING	2/L7.12					
7.3	AREA LIGHT	3/L7.12					
7.4		4/L7.12					
7.5	DOWN LIGHT	5/L7.12					
7.6	PUCK LIGHT RECESSED WALL LIGHT	6/L7.12 1/L7.13					
7.7	RECESSED WALL LIGHT	2/L7.13					
7.8	UPLIGHT	3/L7.13					
7.10	PEDESTRIAN LIGHT	4/L7.13					
	8 - SIGNAGE		1				
8.1	BBQ RULES SIGNAGE	2/L7.03					
8.2	PARK RULES SIGNAGE	5/L7.05					
	9 - PLANTING AND LANDSCAPE	5.21.00	1				
9.1	STEEL EDGING	10/L7.01					
9.2	SOLID SOD SOIL	3/L7.14					
9.3	PLANTING SOIL	4/L7.14					
	10 - SECTIONS & ELEVATIONS						
10.1	WEST FACING SECTION	1/L7.14					
10.2	SOUTH FACING SECTION	2/L7.14					

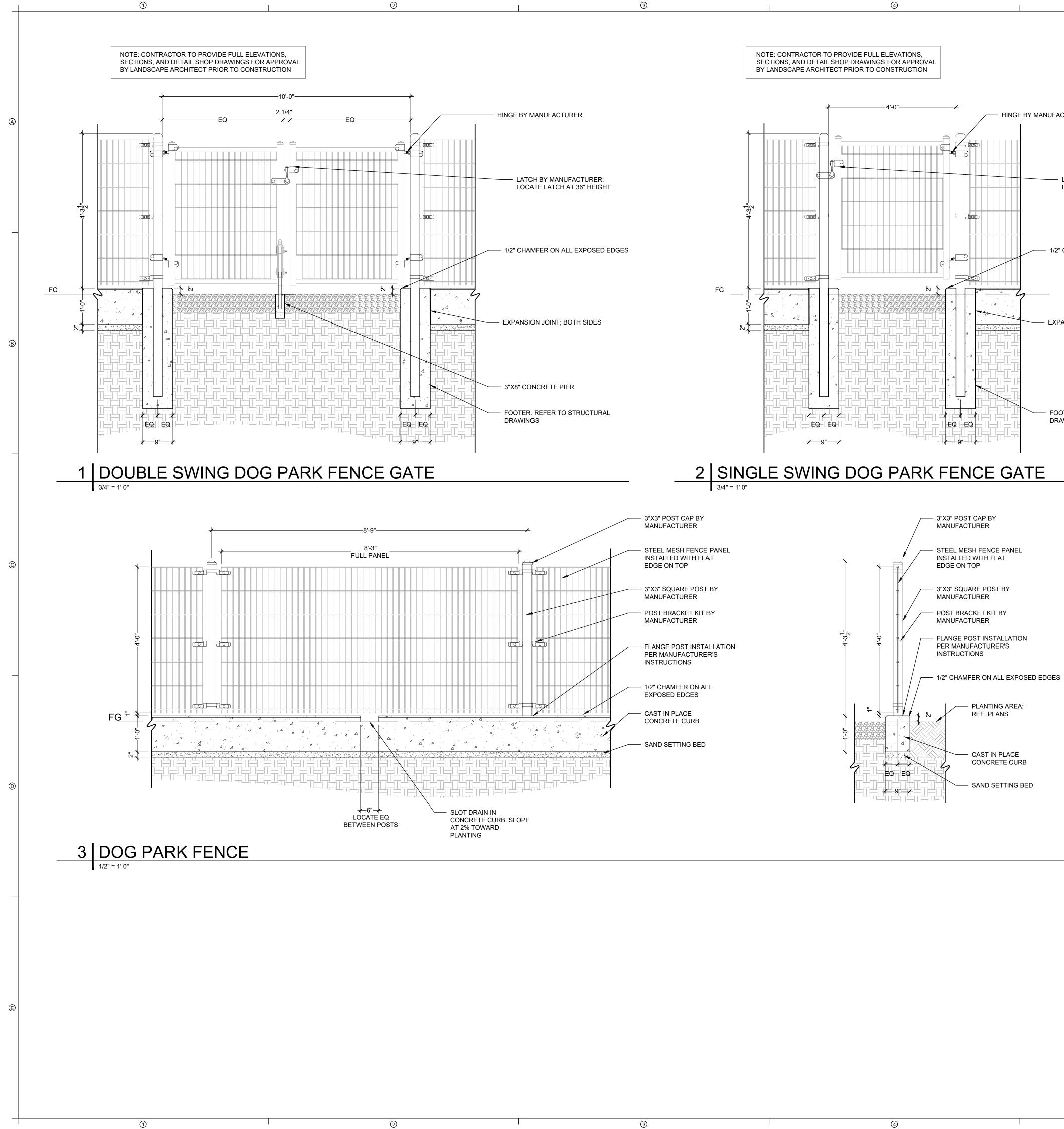
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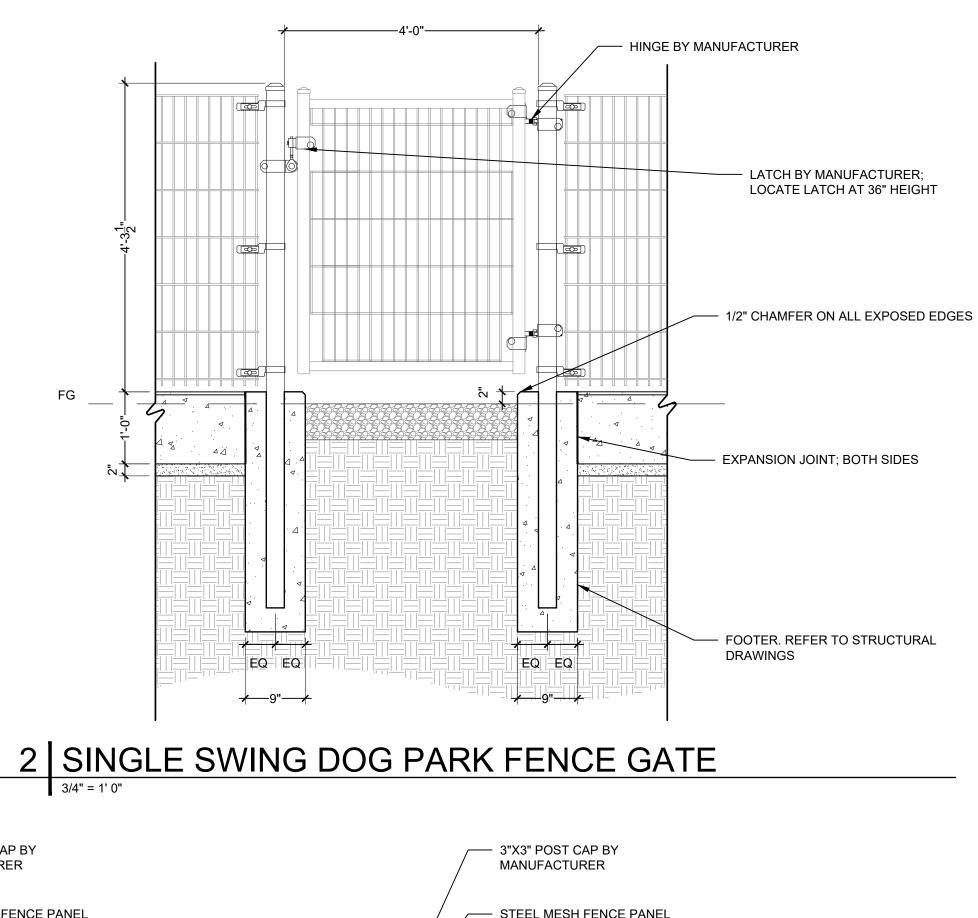
LIONHEART 1023 Springdale Road, Suite 6E, Austin, TX 78721 O: 512.520.4488 WWW.LIONHEARTPLACES.COM M Ω DESIGN Ŷ Ζ Ш ဟ CHEMATIC TEX \bigcirc щ К X S Ш 30% Ц \bigcirc \geq SEAL PRELIMINARY NOT FOR CONSTRUCTION Not for regulatory approval, permitting or construction. Rebecca Leonard 3038 ISSUED DATE: 07-17-2020 PROJECT NO .: 005-007 DRAWN: ML REVIEWED: RL SHEET NAME

SITE DETAILS



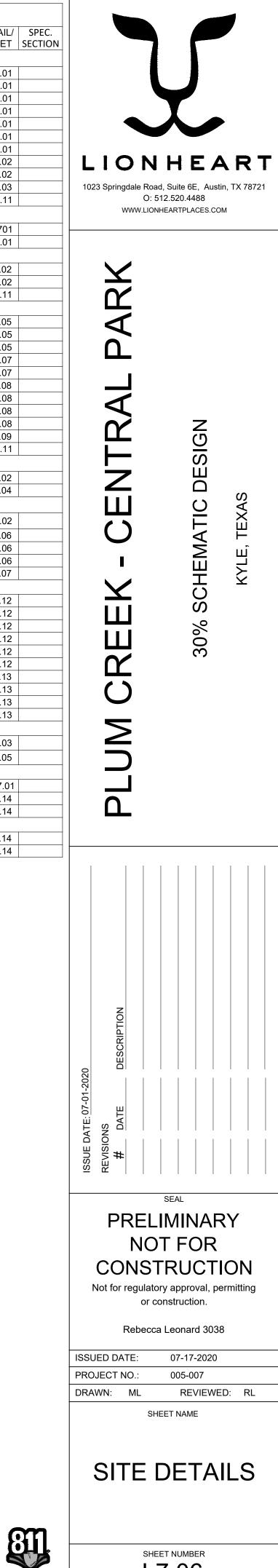






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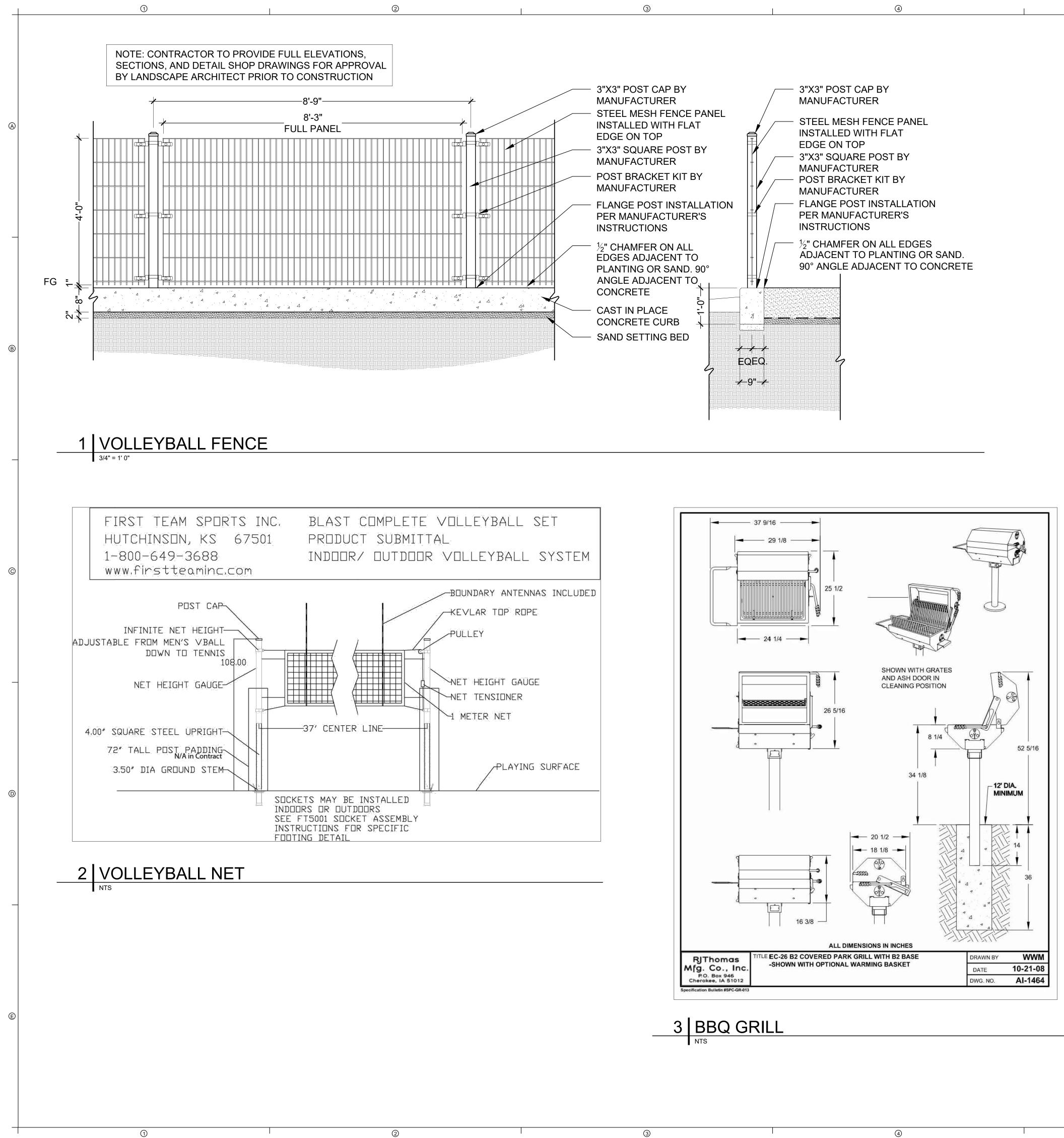
DETAIL	DETAIL	DETAIL/	
NUMBER		SHEET	SECTION
	1 - PAVEMENT, RAMPS, CURBS		1
1.1		1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS PAVERS @ CONCRETE	5/L7.01	
1.4 1.5	PAVERS @ CONCRETE PAVERS @ PLANTING	6/L7.01 7/L7.01	
1.5	DECOMPOSED GRANITE	8/L7.01	
1.0	DECOMPOSED GRANITE	9/L7.01	
1.7	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.0	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.02	
1.10	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING	0/2/11	
2.1	EXPANSION JOINT	2/L.701	
2.2	CONTROL JOINT	3/L7.01	
	3-STEPS	0/2/.01	
3.1	CONCRETE STAIRS	1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
0.0	4 - SITE FURNITURE	", E 7.11	
4.1		1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
I	5 - SITE WALLS/EMBANKMENTS		
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
I	6 - RAILINGS, BARRIERS, FENCING	G	
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06	
6.4	DOG PARK FENCE	3/L7.06	
6.5	VOLLEYBALL FENCE	1/L7.07	
I_	7 - LIGHTING / ELETRICAL		1
7.1	FESTOON LIGHTING	1/L7.12	
7.2	VEHICULAR POLE LIGHTING	2/L7.12	
7.3	AREA LIGHT	3/L7.12	
7.4	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE		
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE		1
	STEEL EDGING	10/L7.01	
9.1		3/L7.14	
9.1 9.2	SOLID SOD SOIL		
	SOLID SOD SOIL PLANTING SOIL	4/L7.14	
9.2	PLANTING SOIL		
9.2			



L7.06

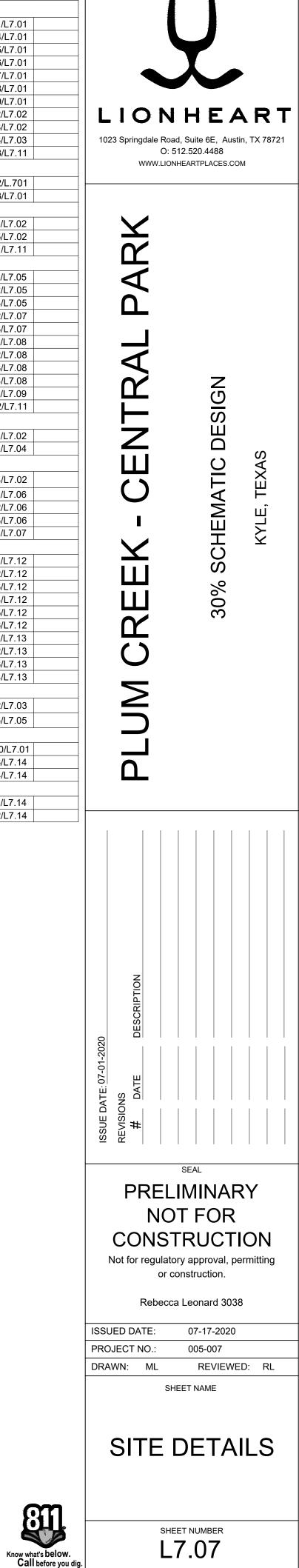
Know what's below. Call before you dig.

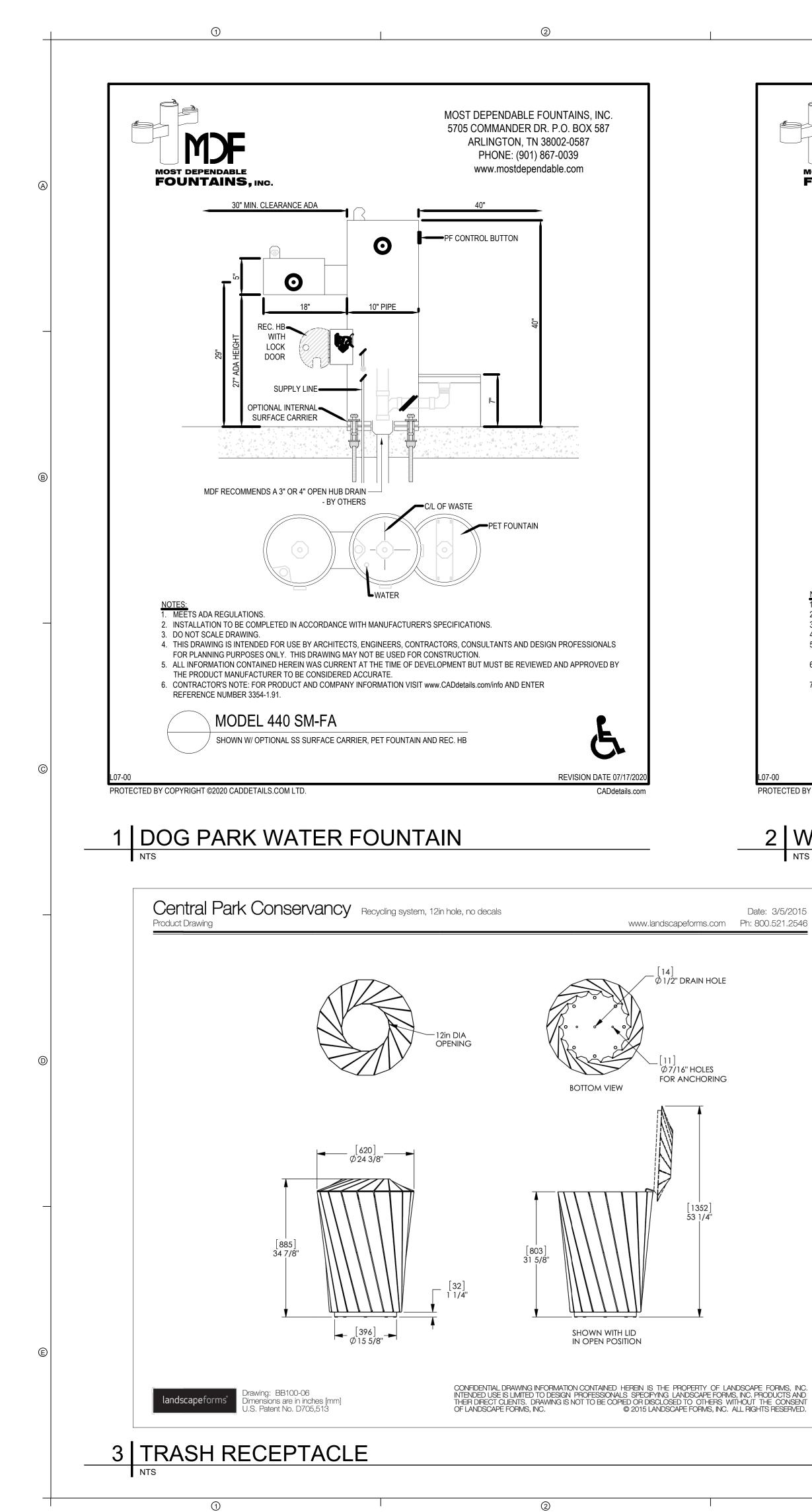




(5)

	SITE KEYNOTES		
DETAIL	DETAIL	DETAIL/	
NUMBER		SHEET	SECTION
	1 - PAVEMENT, RAMPS, CURBS		1
1.1		1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS PAVERS @ CONCRETE	5/L7.01	
1.4	PAVERS @ CONCRETE PAVERS @ PLANTING	6/L7.01	
1.5 1.6	DECOMPOSED GRANITE	7/L7.01 8/L7.01	
1.0	DECOMPOSED GRANITE DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.7	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.0	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.03	
1.10	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING	0/2/11	
2.1	EXPANSION JOINT	2/L.701	
2.1	CONTROL JOINT	3/L7.01	
2.2	3-STEPS	J/L7.01	
3.1	CONCRETE STAIRS	1/1 7 00	
3.1	LEUDERS LIMESTONE STEPS @ LAWN	1/L7.02 5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
5.5	4 - SITE FURNITURE	1/6/.11	
4.1	COCKTAIL TABLE	1/L7.05	
4.1	WOOD LOG BENCH	2/L7.05	
4.2	MUTT MITT STATION	3/L7.05	
4.3	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
	5 - SITE WALLS/EMBANKMENTS		
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
	6 - RAILINGS, BARRIERS, FENCINO	3	1
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3 6.4	SINGLE SWING DOG PARK FENCE DOG PARK FENCE	2/L7.06	
6.5	VOLLEYBALL FENCE	3/L7.06 1/L7.07	
0.5	7 - LIGHTING / ELETRICAL	1/1/.0/	
7.1	FESTOON LIGHTING	1/L7.12	
7.1	VEHICULAR POLE LIGHTING	2/L7.12	
7.3	AREA LIGHT	3/L7.12	
7.4	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE		
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE		1
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.3	PLANTING SOIL	4/L7.14	
	10 - SECTIONS & ELEVATIONS		1
10.1	WEST FACING SECTION	1/L7.14	
10.1	SOUTH FACING SECTION	2/L7.14	
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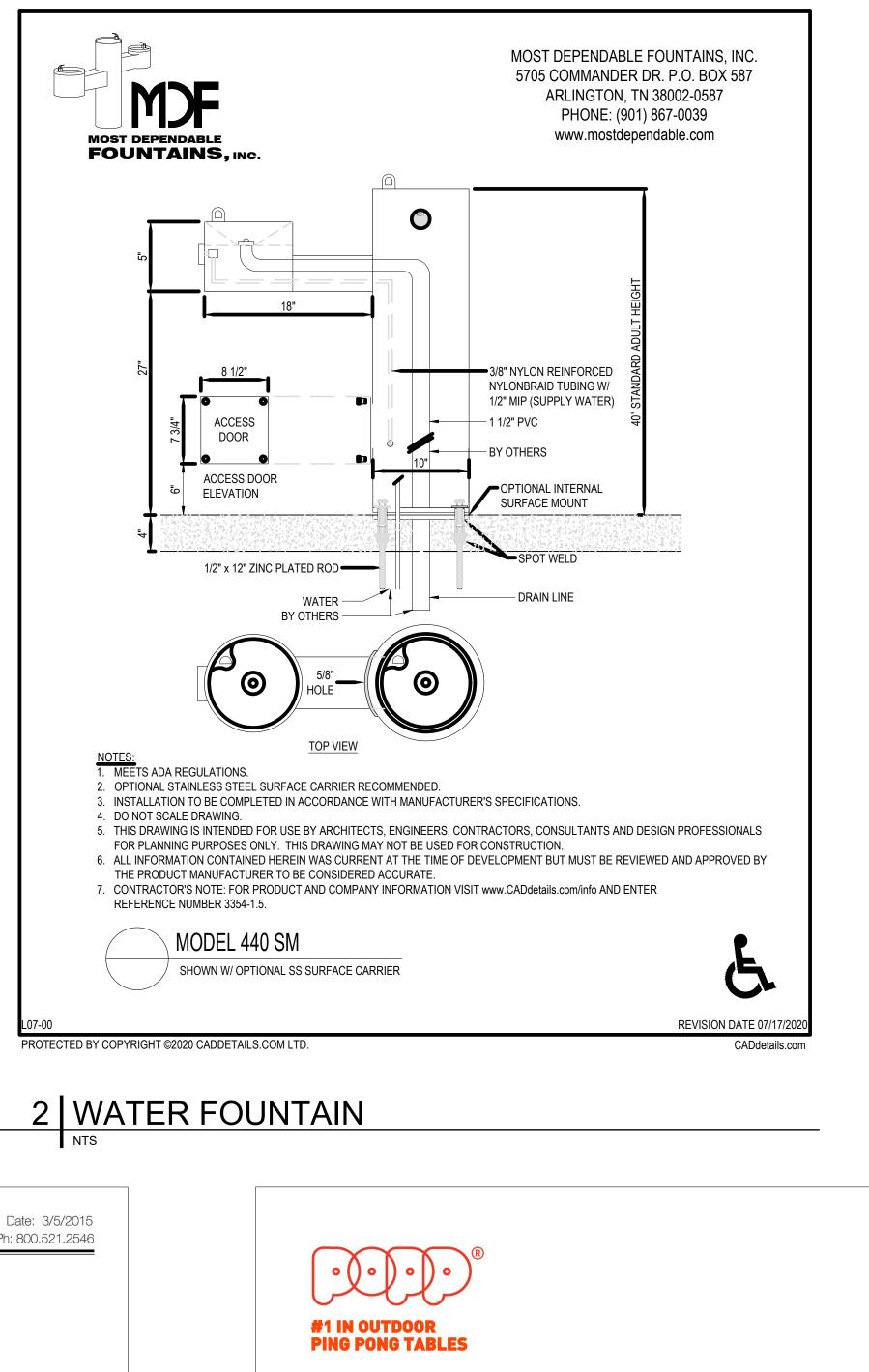
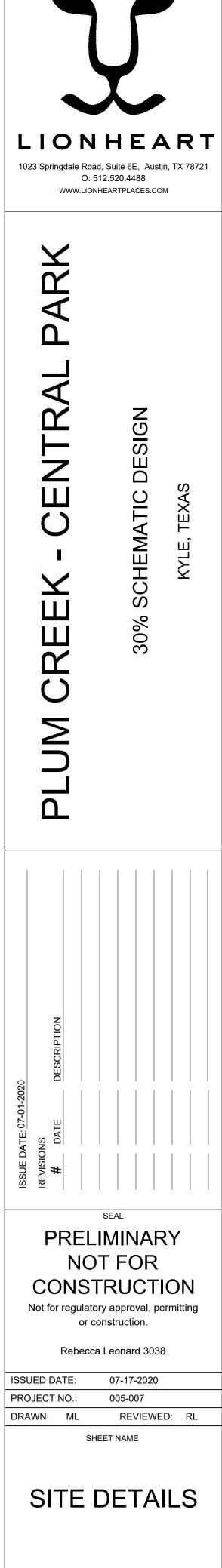


Table Top: Pastel Blue RAL 5024 Frame: Gray Aluminum RAL 9007 Net: Gray Aluminum RAL 9007 Colors and designs shown are representative only POPP is a registered trademark of Public Outdoor LLC. Public Outdoor is the owner of all registered and may vary on finished tables. Please contact and protected designs. Copyright © 2019 Public POPP or your local sales representative if color Outdoor LLC. All rights reserved. samples are required. 4 PING PONG TABLE

3

	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/	SPEC. SECTION
NUIVIDER	1 - PAVEMENT, RAMPS, CURBS		SECTION
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.1	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING		
2.1	EXPANSION JOINT	2/L.701	
2.2	CONTROL JOINT	3/L7.01	
	3-STEPS		
3.1	CONCRETE STAIRS	1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
	4 - SITE FURNITURE		
4.1	COCKTAIL TABLE	1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6 4.7	DOG PARK WATER FOUNTAIN WATER FOUNTAIN	1/L7.08 2/L7.08	
4.7	TRASH RECEPTACLE	3/L7.08	
4.0	PING PONG TABLE	4/L7.08	
4.9	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
	5 - SITE WALLS/EMBANKMENTS		
5.1		1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.02	
0.2	6 - RAILINGS, BARRIERS, FENCING		
0.4	HANDRAIL @ CONCRETE STAIRS		
6.1		4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06	
6.4 6.5	DOG PARK FENCE VOLLEYBALL FENCE	3/L7.06 1/L7.07	
0.5	7 - LIGHTING / ELETRICAL	1/L7.07	
7.1	FESTOON LIGHTING	1/L7.12	
7.1	VEHICULAR POLE LIGHTING	2/L7.12	
7.3	AREA LIGHT	3/L7.12	
7.4	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE		
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE		
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.3	PLANTING SOIL	4/L7.14	
	10 - SECTIONS & ELEVATIONS		
10.1	WEST FACING SECTION	1/L7.14	
10.2	SOUTH FACING SECTION	2/L7.14	

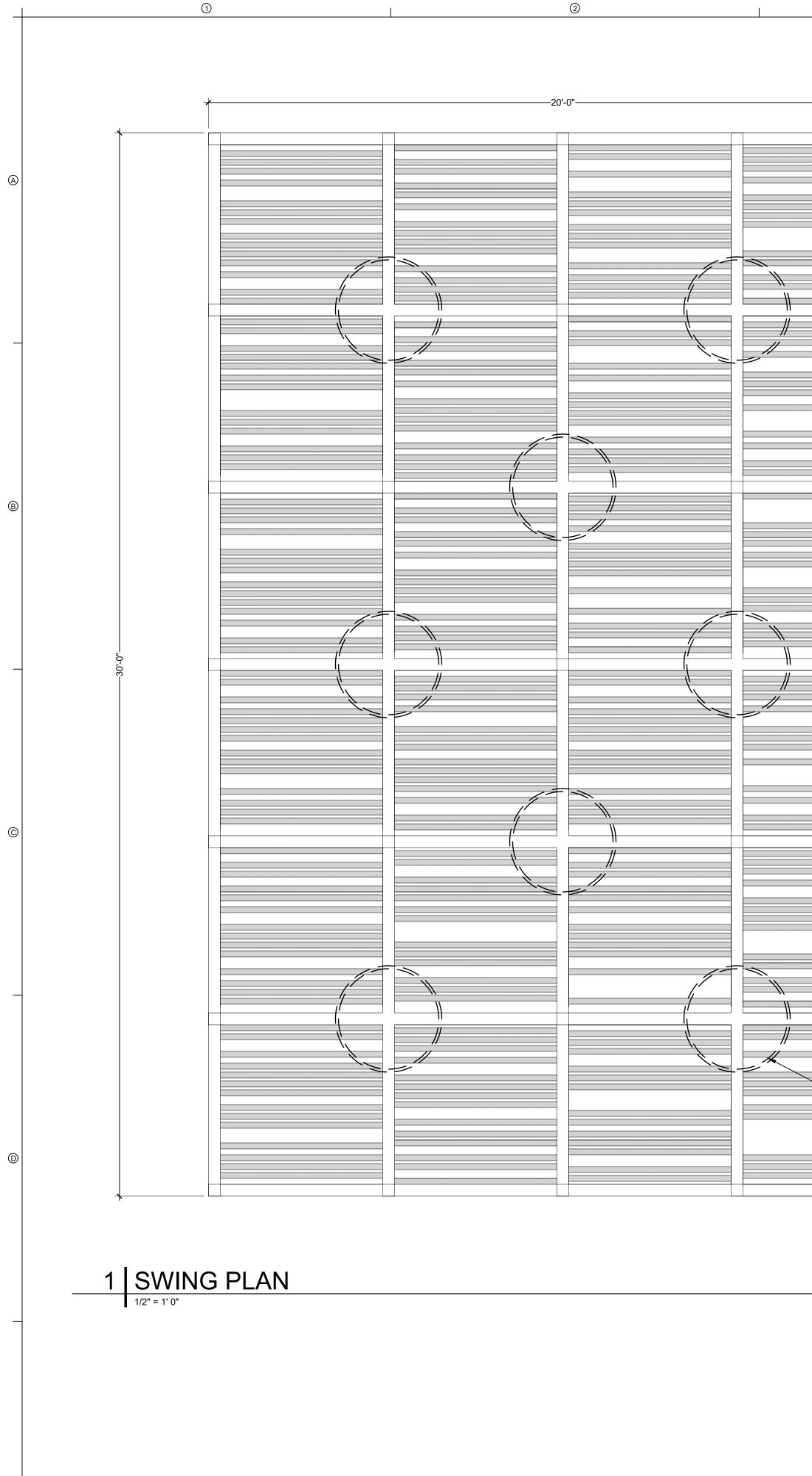
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Know what's below. Call before you dig.

SHEET NUMBER

L7.08





_____2'-6"______/

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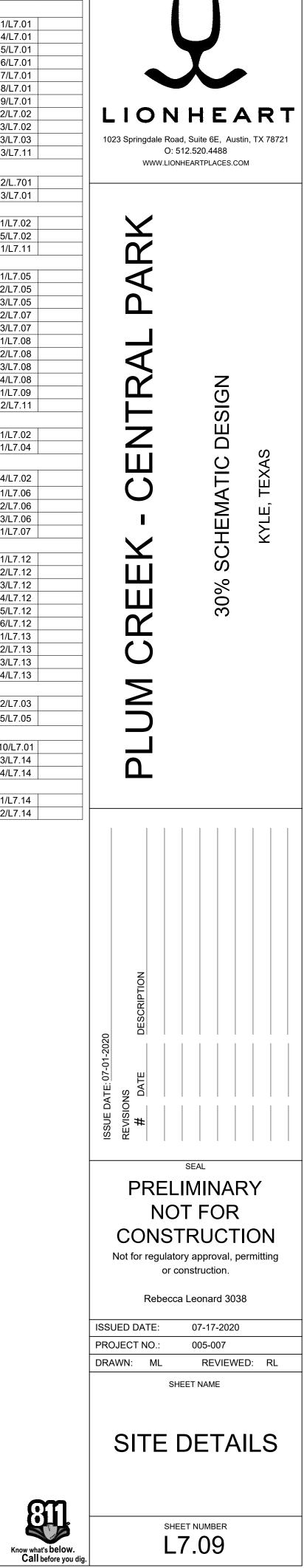
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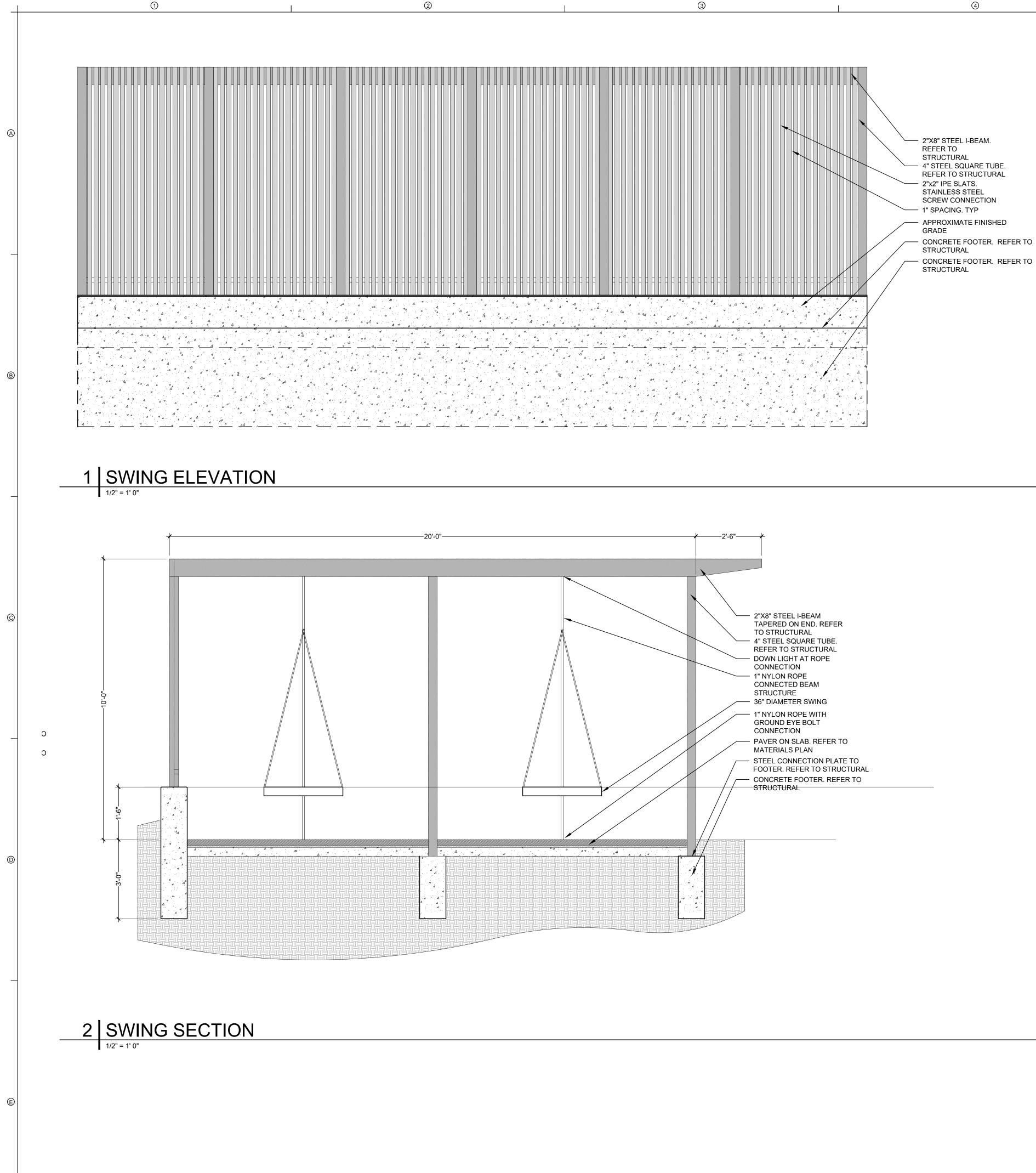
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 — 2"X8" STEEL I-BEAM.
 REFER TO
 STRUCTURAL
 — 4" STEEL SQUARE TUBE.
 REFER TO STRUCTURAL - 2"X2" IPE SLATS. SPACING VARIES — 36" DIAMETER SWING

3

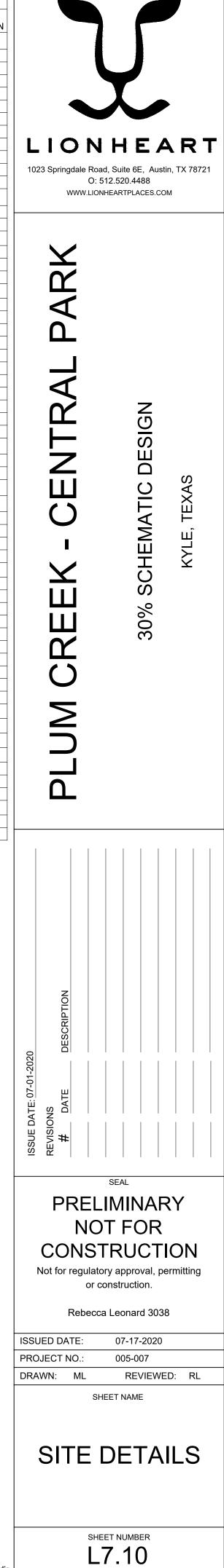
	SITE KEYNOTES		
DETAIL	DETAIL	DETAIL/	
NUMBER		SHEET	SECTION
	1 - PAVEMENT, RAMPS, CURBS		1
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6		8/L7.01	
1.7		9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE ADA RAMP	3/L7.02	
1.10	GRATE @ RAIN GARDEN	3/L7.03	
1.11	2 - JOINTING	3/L7.11	
		0 11 704	1
2.1	EXPANSION JOINT	2/L.701	
2.2	CONTROL JOINT	3/L7.01	
	3-STEPS		1
3.1	CONCRETE STAIRS	1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
	4 - SITE FURNITURE		
4.1	COCKTAIL TABLE	1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6	DOG PARK WATER FOUNTAIN	1/L7.08	
4.7	WATER FOUNTAIN	2/L7.08	
4.8	TRASH RECEPTACLE	3/L7.08	
4.9	PING PONG TABLE	4/L7.08	
4.10	SWING	1/L7.09	
4.11	CUSTOM HAMMOCK	2/L7.11	
	5 - SITE WALLS/EMBANKMENTS		
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.04	
	6 - RAILINGS, BARRIERS, FENCIN	3	
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06	
6.4	DOG PARK FENCE	3/L7.06	
6.5	VOLLEYBALL FENCE	1/L7.07	
	7 - LIGHTING / ELETRICAL		
7.1	FESTOON LIGHTING	1/L7.12	
7.2	VEHICULAR POLE LIGHTING	2/L7.12	
7.2	AREA LIGHT	3/L7.12	
7.4	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE		
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
0.2	9 - PLANTING AND LANDSCAPE	0/11.00	
		401 7 01	1
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.3		4/L7.14	
	10 - SECTIONS & ELEVATIONS	4 11	
10.1	WEST FACING SECTION	1/L7.14	
10.2	SOUTH FACING SECTION	2/L7.14	



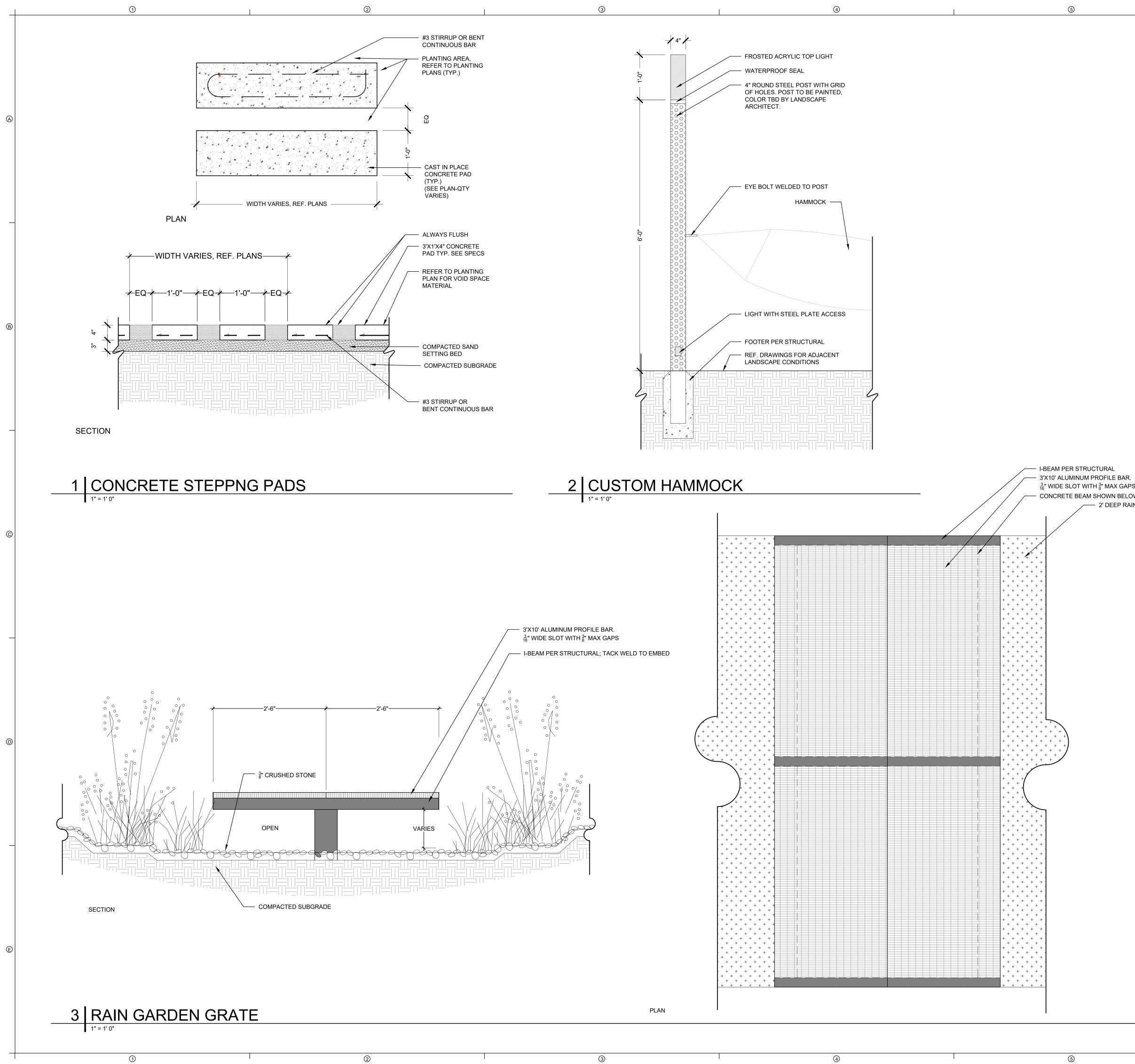


DETAIL DETAIL SPEC. SPEC. 1 - PAVEMENT, RAMPS, CURBS 1.1 CAST IN PLACE CONCRETE 1/L7.01 1.2 CAST IN PLACE CONCRETE 1/L7.01 1 1.3 PAVERS 5/L7.01 1 1.4 PAVERS 6/L7.01 1 1.5 PAVERS 6/L7.01 1 1.6 DECOMPOSED GRANITE 8/L7.01 1 1.8 CURBING @ RUBBERIZED FALL SURFACE 2/L7.02 1 1.9 CONCRETE @ RAING ARADEN 3/L7.03 1 1.10 ADA RAMP 3/L7.03 1 2.1 EXPANSION JOINT 2/L7.02 1 2.1 EXPANSION JOINT 3/L7.01 1 3.1 CONCRETE STAIRS 1/L7.02 1 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/L7.02 1 3.3 CONCRETE STAIRS 1/L7.01 1 1 4.1 CONCRETE STAIRS 1/L7.01 1 1 4.2 WOOD LOG BENCH 2/L7.05 1		SITE KEYNOTES			
1.1 CAST IN PLACE CONCRETE 1/L7.01 1.2 CAST IN PLACE CONCRETE 6U.7.01 1.3 PAVERS 5U.7.01 1.4 PAVERS 6U.7.01 1.5 PAVERS 6U.7.01 1.6 DECOMPOSED GRANITE 0L7.01 1.6 DECOMPOSED GRANITE 0L7.01 1.7 DECOMPOSED GRANITE 0L7.02 1.8 CURBING RUBBERIZED FALL SURFACE 2U.7.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 2U.7.02 1.10 ADA RAMP 3U.7.03 11.11 CONCRETE GRUBERIZED FALL SURFACE 2U.7.02 1.11 GRATE @ RAIN GRADEN 3U.7.11 CONCRETE STEPS 3.1 CONCRETE STEPS 1/L7.02 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/L7.02 3.3 CONCRETE STEPPING PADS 1/L7.11 4 - STTE FUNNITURE 4.1 COCKTAIL TABLE 1/L7.02 4.2 WOOD LOG BENCH 2/L7.03 4.4 VOLLEYBALL NET <td< th=""><th> </th><th>DETAIL</th><th></th><th>SPEC. SECTION</th></td<>		DETAIL		SPEC. SECTION	
1.2 CAST IN PLACE CONCRETE @ CURB 4/1.701 1.3 PAVERS 5/1.701 1.4 PAVERS @ CONCRETE 6/1.701 1.5 PAVERS @ PLANTING 7/1.701 1.6 DECOMPOSED GRANITE 8/1.701 1.7 DECOMPOSED GRANITE 8/1.701 1.8 CURBING @ RUBBERIZED FALL SURFACE 2/1.702 1.10 ADA RAMP 3/1.703 1.11 GRATE @ RUBBERIZED FALL SURFACE 3/1.703 2.1 EXPANSION JOINT 2/1.701 2.2 CONTROL JOINT 3/1.701 3.1 CONCRETE STAIRS 1/1.702 3.2 LEUDERS LIMESTONE STEPPING PADS 1/1.711 4 SITE FURNITURE 1/1.705 4.1 COCKTAIL TABLE 1/1.705 4.2 WOOD LOG DENCH 2/1.705 4.3 MUTT INT STATION 3/		1 - PAVEMENT, RAMPS, CURBS			
1.3 PAVERS 5/L7.01 1.4 PAVERS @ CONCRETE 6/L7.01 1.5 PAVERS @ PLANTING 7/L7.01 1.6 DECOMPOSED GRANITE 8/L7.01 1.7 DECOMPOSED GRANITE 8/L7.01 1.8 CURBING @ RUBBERIZED FALL SURFACE 2/L7.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/L7.03 1.10 DAR AMP 3/L7.03 1.11 GRATE @ RAIN GARDEN 3/L7.01 2. JOINTING 2.1 EXPANSION JOINT 2/L.701 2. CONTROL JOINT 3.1 CONCRETE STAIRS 1/L7.02 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/L7.02 3.3 CONCRETE FURPINICRE 1/L7.05 4.1 COCKTAIL TABLE 1/L7.05 4.2 WOOD LOG BENCH 2/L7.05 4.3 MUTT MITT STATION 3/L7.06 4.4 VOLLEYBALL NET 2/L7.07 4.6 DOG PARK WATER FOUNTAIN 1/L7.08 4.7 WATER FOUNTAIN 1/L7.08 </td <td>1.1</td> <td>CAST IN PLACE CONCRETE</td> <td>1/L7.01</td> <td></td>	1.1	CAST IN PLACE CONCRETE	1/L7.01		
1.4 PAVERS @ CONCRETE 6L7.01 1.5 PAVERS @ PLANTING 7/L7.01 1.6 DECOMPOSED GRAINTE 8/L7.01 1.7 DECOMPOSED GRAINTE 8/L7.01 1.8 CURBING @ RUBBERIZED FALL SURFACE 2/L7.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/L7.03 1.10 ADA RAMP 3/L7.03 1.11 GRATE @ RAIN GARDEN 3/L7.01 2.1 EXPANSION JOINT 2/L.701 2.2 CONTROL JOINT 3/L7.02 3.3 CONCRETE STAIRS 1/L7.02 3.4 CONCRETE STAIRS 1/L7.02 3.3 CONCRETE STEPPING PADS 1/L7.11 4 SITE FURNITURE 4.1 CONCRETE STAIRS 1/L7.05 4.2 WOOD LOG BENCH 2/L7.05 4.3 MUTT INTT STATION 3/L7.03 4.4 VOLLEYBALL NET 2/L7.07 4.5 BBO GRILL 3/L7.03 4.7 WATER FOUNTAIN 2/L7.08 4.8 TRASH RECEPTACLE <t< td=""><td>1.2</td><td>CAST IN PLACE CONCRETE @ CURB</td><td>4/L7.01</td><td></td></t<>	1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01		
1.5 PAVERS @ PLANTING 7/L7.01 1.6 DECOMPOSED GRANITE 8/L7.01 1.7 DECOMPOSED GRANITE 8/L7.01 1.8 CURBING @ RUBBERIZED FALL SURFACE 2/L7.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/L7.03 1.11 GRATE @ RAMP 3/L7.03 1.11 GRATE @ RAIN GARDEN 3/L7.01 2.1 EXPANSION JOINT 2/L.701 2.2 CONTROL JOINT 3/L7.03 3.1 CONCRETE STAIRS 1/L7.02 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/L7.02 3.3 CONCRETE STAIRS 1/L7.11 4 - SITE FURNITURE 1/L7.05 4.1 COCKTAIL TABLE 1/L7.05 4.2 WOOD LOG BENCH 2/L7.06 4.3 MUTT MIT STATION 3/L7.03 4.4 VOLLEYBALL NET 2/L7.07 4.5 BBQ GRILL 3/L7.03 4.7 WATER FOUNTAIN 1/L7.08 4.7 WATER FOUNTAIN 1/L7.08 4.7	1.3	PAVERS	5/L7.01		
1.6 DECOMPOSED GRANITE 8/L7.01 1.7 DECOMPOSED GRANITE @ PLANTING 9/L7.01 1.8 CURBING @ RUBBERIZED FALL SURFACE 3/L7.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/L7.02 1.10 ADA RAMP 3/L7.03 1.11 GRATE @ RAIN GARDEN 3/L7.01 2 - JOINTING 2.1 EXPANSION JOINT 2/L.701 2.1.00 CONTROL JOINT 3.1.0 CONCRETE STAIRS 1/L7.02 3.3 CONCRETE STEPING PADS 1/L7.11 4 - SITE FURNITURE 4.1.00 CONCRETE STEPING PADS 1/L7.01 4.2.2 WOOD LOG BENCH 2/L7.05 3.3 CONCRETE STEPING PADS 1/L7.01 4.1 CONCRETE STEPING PADS 1/L7.01 4.1 CONCRETE STAIRS 1/L7.05 4.1 CONCRETE STAINS 4.1 CONCRETE STAINS 4.1 1/L7.06	1.4	PAVERS @ CONCRETE	6/L7.01		
1.7 DECOMPOSED GRANITE @ PLANTING 9/L7.01 1.8 CURBING @ RUBBERIZED FALL SURFACE 2/L7.02 1.10 ADA RAMP 3/L7.03 1.10 GARTE @ RUBBERIZED FALL SURFACE 3/L7.03 1.11 GRATE @ RAMP 3/L7.03 1.10 ADA RAMP 3/L7.03 1.11 GRATE @ RAMP 3/L7.01 2.1 EXPANSION JOINT 2/L.701 2.2 CONTROL JOINT 3/L7.01 3.1 CONCRETE STAIRS 1/L7.02 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/L7.02 3.3 CONCRETE STAIRS 1/L7.01 4 STEP FURNTURE 1/L7.05 4.1 COCKTAIL TABLE 1/L7.05 4.2 WOOD LOG BENCH 2/L7.07 4.3 MUTT MITT STATION 3/L7.08 4.4 VOLLEYBALL NET 2/L7.07 4.6 DOG PARK WATER FOUNTAIN 1/L7.08 4.7 WATER FOUNTAIN 1/L7.08 4.7 WATER FOUNTAIN 1/L7.08 4.8	1.5	-	7/L7.01		
1.8 CURBING @ RUBBERIZED FALL SURFACE 2/L7.02 1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/L7.03 1.11 GRATE @ RAIN GARDEN 3/L7.11 2 - JOINTING 2.1 EXPANSION JOINT 2/L.701 3.1 CONTROL JOINT 3/L7.01 3.1 CONCRETE STAIRS 1/L7.02 3.3 CONCRETE STEPS 3.1 CONCRETE STEPS 3.1 CONCRETE STEPS PLAWN 5/L7.02 3.3 CONCRETE STEPSINO PADS 1/L7.11 4 SITE FURNITURE 4.1 COCKTAIL TABLE 1/L7.05 4.2 WOOD LOG BENCH 2/L7.05 4.1 COCKTAIL TABLE 1/L7.04 4.1 COCKTAIL TABLE 1/L7.05 4.1 COCKTAIL TABLE 1/L7.05 4.1 COCKTAIL TABLE 1/L7.06 4.1 COCKTAIL TABLE 1/L7.06 <td colsp<="" td=""><td></td><td></td><td>8/L7.01</td><td></td></td>	<td></td> <td></td> <td>8/L7.01</td> <td></td>			8/L7.01	
1.9 CONCRETE @ RUBBERIZED FALL SURFACE 3/L7.02 1.10 ADA RAMP 3/L7.03 1.11 GRATE @ RAIN GARDEN 3/L7.03 2.1 EXPANSION JOINT 2/L.701 2.2 CONTROL JOINT 3/L7.01 3.3 CONCRETE STAIRS 1/L7.02 3.1 CONCRETE STAIRS 1/L7.02 3.2 LEUDERS LIMESTONE STEPS @ LAWN 5/L7.02 3.3 CONCRETE STEPPINO PADS 1/L7.11 4 STE FURNITURE 1/L7.05 4.1 COCKTAIL TABLE 1/L7.05 4.2 WOOD LOG BENCH 2/L7.05 4.3 MUTT MITT STATION 3/L7.05 4.4 VOLLEYBALL NET 2/L7.07 4.6 DOC PARK WATER FOUNTAIN 1/L7.08 4.7 WATER FOUNTAIN 2/L7.08 4.8 TRASH RECEPTACLE 3/L7.08 4.9 PING PONG TABLE 4/L7.08 4.10 SWING 1/L7.09 4.11 CUSTOM HAMMOCK 2/L7.11 5.1 LIMESTONE		-			
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4.11 CUSTOM HAMMOCK 2/L7.11 5 - SITE WALLS/EMBANKMENTS 5.1 LIMESTONE BLOCK 1/L7.02 5.2 BLADE WALL SIGNAGE 1/L7.04 6 - RAILINGS, BARRIERS, FENCING 6.1 HANDRAIL @ CONCRETE STAIRS 4/L7.02 6.2 DOUBLE SWING DOG PARK FENCE GATE 1/L7.06 6.3 SINGLE SWING DOG PARK FENCE 2/L7.06 6.4 DOG PARK FENCE 3/L7.06 6.5 VOLLEYBALL FENCE 1/L7.07 T LIGHTING / ELETRICAL 7.1 FESTOON LIGHTING 1/L7.12 7.2 VEHICULAR POLE LIGHTING 2/L7.12 7.3 AREA LIGHT 3/L7.12 7.4 CULTURAL TRAIL LIGHT 4/L7.12 7.5 DOWN LIGHT 6/L7.12 7.6 PUCK LIGHT 1/L7.13 7.8 RECESSED STEP LIGHT 2/L7.13 7.9 UPLIGHT 3/L7.13 7.10 PEDESTRIAN LIGHT 4/L7.13 SIGNAGE 8.1 BBQ RULES SIGNAGE 5/L7.05 <td></td> <td></td> <td>-</td> <td></td>			-		
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10.1 WEST FACING SECTION 1/L7.14	9.3		4/L7.14		
				1	
10.2SOUTH FACING SECTION2/L7.14					
	10.2	SOUTH FACING SECTION	2/L7.14		

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Know what's below. Call before you dig.



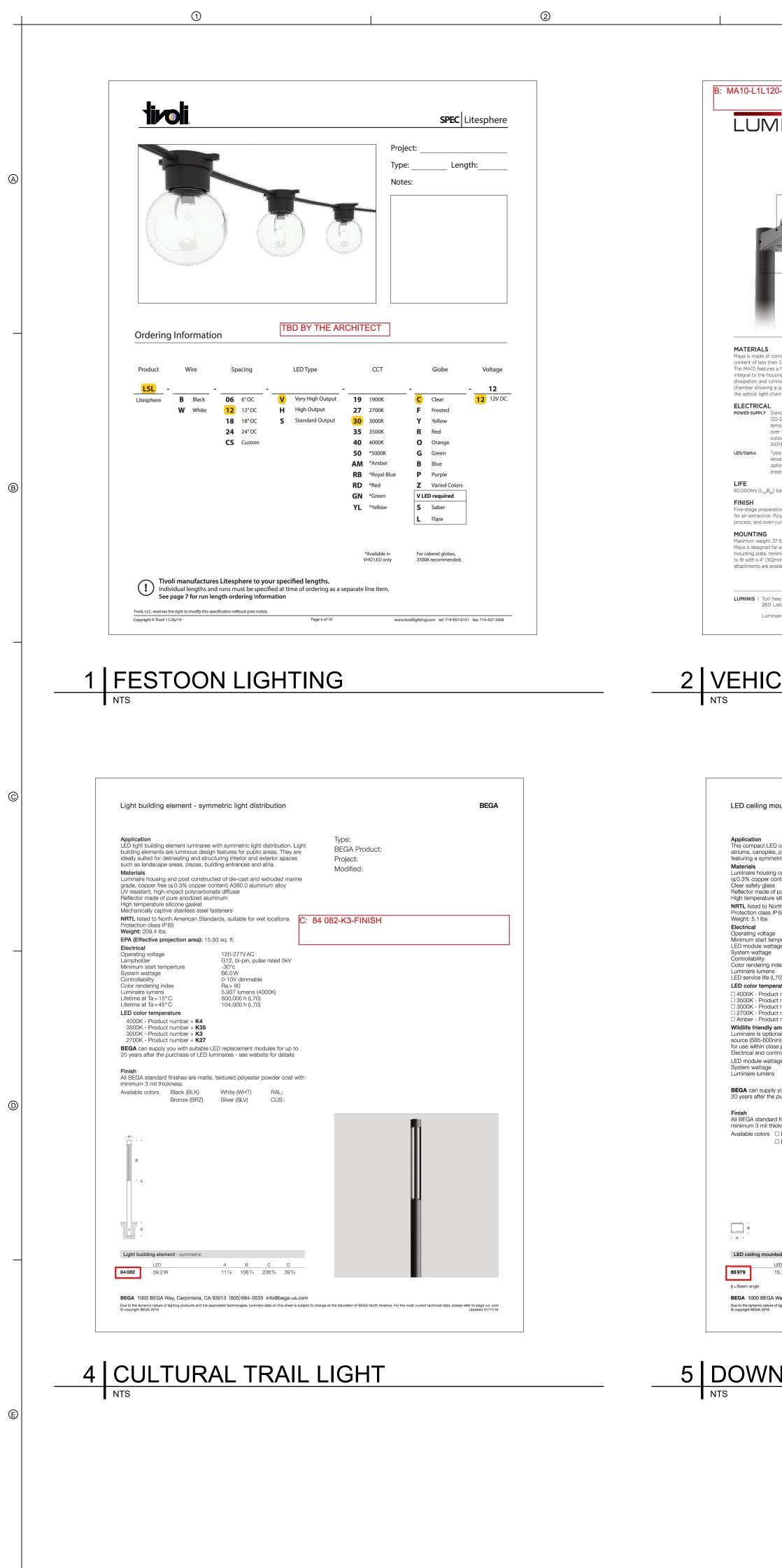
SITE KEYNOTES					
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC. SECTION		
	1 - PAVEMENT, RAMPS, CURBS	-			
1.1	CAST IN PLACE CONCRETE	1/L7.01			
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01			
1.3	PAVERS	5/L7.01			
1.4	PAVERS @ CONCRETE	6/L7.01			
1.5	PAVERS @ PLANTING	7/L7.01			
1.6	DECOMPOSED GRANITE	8/L7.01			
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01			
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02			
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02			
1.10	ADA RAMP	3/L7.03			
1.11	GRATE @ RAIN GARDEN	3/L7.11			
	2 - JOINTING				
2.1	EXPANSION JOINT	2/L.701			
2.2	CONTROL JOINT	3/L7.01			
	3-STEPS				
3.1	CONCRETE STAIRS	1/L7.02			
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02			
3.3	CONCRETE STEPPING PADS	1/L7.11			
	4 - SITE FURNITURE				
4.1	COCKTAIL TABLE	1/L7.05			
4.2	WOOD LOG BENCH	2/L7.05			
4.3	MUTT MITT STATION	3/L7.05			
4.4	VOLLEYBALL NET	2/L7.07			
4.5	BBQ GRILL	3/L7.07			
4.6	DOG PARK WATER FOUNTAIN	1/L7.08			
4.7	WATER FOUNTAIN	2/L7.08			
4.8	TRASH RECEPTACLE	3/L7.08			
4.9	PING PONG TABLE	4/L7.08			
4.10	SWING	1/L7.09			
4.11	CUSTOM HAMMOCK 5 - SITE WALLS/EMBANKMENTS	2/L7.11			
5.1	LIMESTONE BLOCK	1/L7.02			
5.2	BLADE WALL SIGNAGE	1/L7.02			
0.2	6 - RAILINGS, BARRIERS, FENCING				
0.4					
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02			
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06			
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06			
6.4	DOG PARK FENCE	3/L7.06			
6.5		1/L7.07			
	7 - LIGHTING / ELETRICAL	4 11 7 4 0			
7.1		1/L7.12			
7.2	VEHICULAR POLE LIGHTING	2/L7.12			
7.3		3/L7.12			
7.4 7.5		4/L7.12			
7.5	DOWN LIGHT PUCK LIGHT	5/L7.12 6/L7.12			
7.6	RECESSED WALL LIGHT	0/L7.12			
7.7	RECESSED WALL LIGHT	2/L7.13			
7.8	UPLIGHT	3/L7.13			
7.10	PEDESTRIAN LIGHT	4/L7.13			
	8 - SIGNAGE				
8.1	BBQ RULES SIGNAGE	2/L7.03			
8.2	PARK RULES SIGNAGE	5/L7.05			
0.2	9 - PLANTING AND LANDSCAPE	5/11.05			
0.4		10/1 7 04			
9.1	STEEL EDGING SOLID SOD SOIL	10/L7.01			
9.2 9.3	PLANTING SOIL	3/L7.14 4/L7.14			
ອ.ວ	10 - SECTIONS & ELEVATIONS	4/∟/.14			
10.1	WEST FACING SECTION	1/L7.14			
10.1	SOUTH FACING SECTION	2/L7.14			
10.2		∠/L1.14			

LIONHEART 1023 Springdale Road, Suite 6E, Austin, TX 78721 O: 512.520.4488 WWW.LIONHEARTPLACES.COM Ľ Ω DESIGN Ŷ Z S CHEMATIC TEX, \bigcirc щ К \mathbf{X} Š Ш 30% ЦЦ \bigcirc \geq \Box SEAL PRELIMINARY NOT FOR CONSTRUCTION Not for regulatory approval, permitting or construction. Rebecca Leonard 3038 ISSUED DATE: 07-17-2020 005-007 PROJECT NO .: DRAWN: ML REVIEWED: RL SHEET NAME SITE DETAILS

 $\frac{3}{16}$ " WIDE SLOT WITH $\frac{3}{8}$ " MAX GAPS ---- CONCRETE BEAM SHOWN BELOW / 2' DEEP RAIN GARDEN

Know what's below. Call before you dig.

SHEET NUMBER L7.11



1

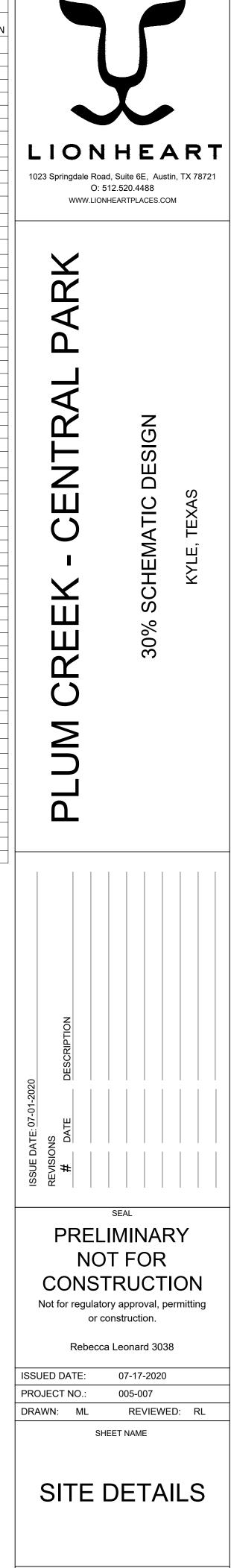


120-TYP3-VOLTAGE-FINISH-PMA-PTA25-FINISH	
MINIS MA10 SERIES MAYA - LED	
Pole/Wall mount TYPE: QUANTITY: PROJECT: CATALOG	
NUMBER: MODEL LED LIGHT VOLTAGE FINISH OPTION OPTION OPTION OPTION SELECTION	ARINI
MA10-PMA	
Cast aluminum optical chamber with an integral fin pattern designed for heat dissipation and LED performance optimization.	
2- Optical system assembly w/tempered glass lens 3- One piece hinged cast aluminum	www.hessamerica.com
access cover to electrical components. 4 Heavy gauge galvanized steel universal mounting plate.	A R I N I . Pole Mounted Luminaire
5- Cast aluminum wall mounting plate (MA10-WMA only).	The ARINI blends design, functionality, and flexibility to create illumination, and more, for large public spaces. Multiple luminaires combined with artistically styled poles add visual structure while generating directional illumination, providing the design professional with a versatile palette for feature spaces. The fixture housing and
5	front shroud are die-cast aluminum with provision for shielding. The flowing teardrop tail may be body colored, or optionally, an illuminated accent to provide colored LED highlighting for waymarking. A cast knuckle assembly provides a +/- 60° horizontal and -90° through +40° vertical range of adjustability. Choice of optics include three
MA10-WMA	rotationally symmetric distributions and two elliptical beam patterns to meet varying site lighting requirements. LED light engine generates 4144 to 5678 delivered lumens depending on distribution and color temperature while consuming 56 watts. The light engines are available in 3000K or 4000K Kelvin with 80 CRI for effective event or
S CERTIFICATION of corrosion resistant 356 aluminum alloy with a copper (CU) s than 0.1%. Ures a high efficiency LED light engine, mounted on a thick base IES LM-79-08 standards at 25%/77%.	conventional area lighting. Model Pole Lamp
Invoising shell, designed with a heat sink pattern to optimize heat Lumen depreciation in accordance with IESNA LM80 standards. I luminaire efficacy. The power supply is enclosed in an isolated Vibration tested for 1.5G per ANSI C136.31-2010. ving a quick access for electrical maintenance without disturbing Rated IP65.	ARI550 / ARI550T 20' - 30' Straight LED or LED w/ Accent Lens ARI550 / ARI550T 20' - 30' Inclined LED or LED w/ Accent Lens ARI550 / ARI550T 23' - 33' Curved LED or LED w/ Accent Lens
AL MA10-WMA Wall mount (EPA: 0.66) MA10-PMA Pole mount (EPA: 0.66) (EPA: 0.63)	* Other pole heights or designs available on request
120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C to +55°C / -40°F to +131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery. Optional	
347/480V available on selected models. Type II, III, IV or V light distribution via high performance optical lenses. Offered in 2700K, 3000K, 3500K, 4000K. See the CCT	
options for details. Optional true Amber LED for turtle sensitive areas. Wavelengths: 584.5nm to 597nm.	
_{B₅₀}) based on LM-80 report for lumen maintenance.	
wall mount details Pole mount details ion. Polyester powder coating is applied through an electrostatic Wall mount details oven cured for long term finish. 0.4° (10.2mm) Mounting holes	
G 1" (25.4mm) O.3" (76mm) Power feed Mounting holes (122 kg) ied for ease of access and installation. The luminaire slides over the e, minimizing installation effort. Designed for wall or pole mount 6.6" 2.5" 0.3" (27mm) 0.3" (25.4mm) 0.4" (25.4mm) 0.4	
(102mm) pole (5° (127mm) on request). Alternate poles or wall re available to meet multiple installation conditions. (Refer to page 4) (109mm) (109mm) (43.5mm) (41.4mm) (41.4	ARINI G ARINI N 0° ARINI N 4°
oll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com	
60 Labrosse, Pointe-Claire (QC) Canada H9R 5L5 1 uminaires may be altered for design improvement or discontinued without prior notice. 1	
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CULAR POLE LIGHTING	3 AREA LIGHT
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	NTS TARGETTI IG: JU-R-FL-L1-30-24-TRIM-LV
g mounted downlight - wide beam BEGA	NTS
g mounted downlight - wide beam BEGA : LED ceiling mounted downlight is designed for down lighting piece, passages, and other interior and exterior locations mmetrical wide beam light distrubtion. Type: BEGA Product: Project: Jusing constructed of die-cast marine grade, copper free	NTS TARGETTI IG: JU-R-FL-L1-30-24-TRIM-LV JUPITER Professional Compact Inground LED Fixture
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SITE KEYNOTES					
DETAIL	DETAIL	DETAIL/			
NUMBER	1 - PAVEMENT, RAMPS, CURBS	SHEET	SECTION		
1 1	· · · · ·	1/1 7 01			
1.1 1.2	CAST IN PLACE CONCRETE CAST IN PLACE CONCRETE @ CURB	1/L7.01 4/L7.01			
1.2	PAVERS	5/L7.01			
1.3	PAVERS @ CONCRETE	6/L7.01			
1.4	PAVERS @ PLANTING	7/L7.01			
1.6	DECOMPOSED GRANITE	8/L7.01			
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01			
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02			
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02			
1.10	ADA RAMP	3/L7.03			
1.11	GRATE @ RAIN GARDEN	3/L7.11			
	2 - JOINTING				
2.1	EXPANSION JOINT	2/L.701			
2.2	CONTROL JOINT	3/L7.01			
	3-STEPS				
3.1	CONCRETE STAIRS	1/L7.02			
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02			
3.3	CONCRETE STEPPING PADS	1/L7.11			
	4 - SITE FURNITURE				
4.1	COCKTAIL TABLE	1/L7.05			
4.2	WOOD LOG BENCH	2/L7.05			
4.3	MUTT MITT STATION	3/L7.05			
4.4	VOLLEYBALL NET	2/L7.07			
4.5	BBQ GRILL	3/L7.07			
4.6	DOG PARK WATER FOUNTAIN	1/L7.08			
4.7	WATER FOUNTAIN	2/L7.08			
4.8	TRASH RECEPTACLE	3/L7.08			
4.9	PING PONG TABLE	4/L7.08			
4.10	SWING	1/L7.09			
4.11	CUSTOM HAMMOCK	2/L7.11			
	5 - SITE WALLS/EMBANKMENTS				
5.1		1/L7.02			
5.2	BLADE WALL SIGNAGE	1/L7.04			
	6 - RAILINGS, BARRIERS, FENCING		1		
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02			
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06			
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06			
6.4	DOG PARK FENCE	3/L7.06			
6.5	VOLLEYBALL FENCE	1/L7.07			
	7 - LIGHTING / ELETRICAL		1		
7.1	FESTOON LIGHTING	1/L7.12			
7.2		2/L7.12			
7.3 7.4	AREA LIGHT CULTURAL TRAIL LIGHT	3/L7.12 4/L7.12			
7.4	DOWN LIGHT	4/L7.12 5/L7.12			
7.6	PUCK LIGHT	6/L7.12			
7.7	RECESSED WALL LIGHT	1/L7.13			
7.8	RECESSED STEP LIGHT	2/L7.13			
7.9	UPLIGHT	3/L7.13			
7.10	PEDESTRIAN LIGHT	4/L7.13			
	8 - SIGNAGE	4	•		
8.1	BBQ RULES SIGNAGE	2/L7.03			
8.2	PARK RULES SIGNAGE	5/L7.05			
	9 - PLANTING AND LANDSCAPE	3.21.00	1		
9.1	STEEL EDGING	10/L7.01			
9.1	SOLID SOD SOIL	3/L7.14			
9.3	PLANTING SOIL	4/L7.14			
	10 - SECTIONS & ELEVATIONS				
10.1	WEST FACING SECTION	1/L7.14			
10.2	SOUTH FACING SECTION	2/L7.14			
1					

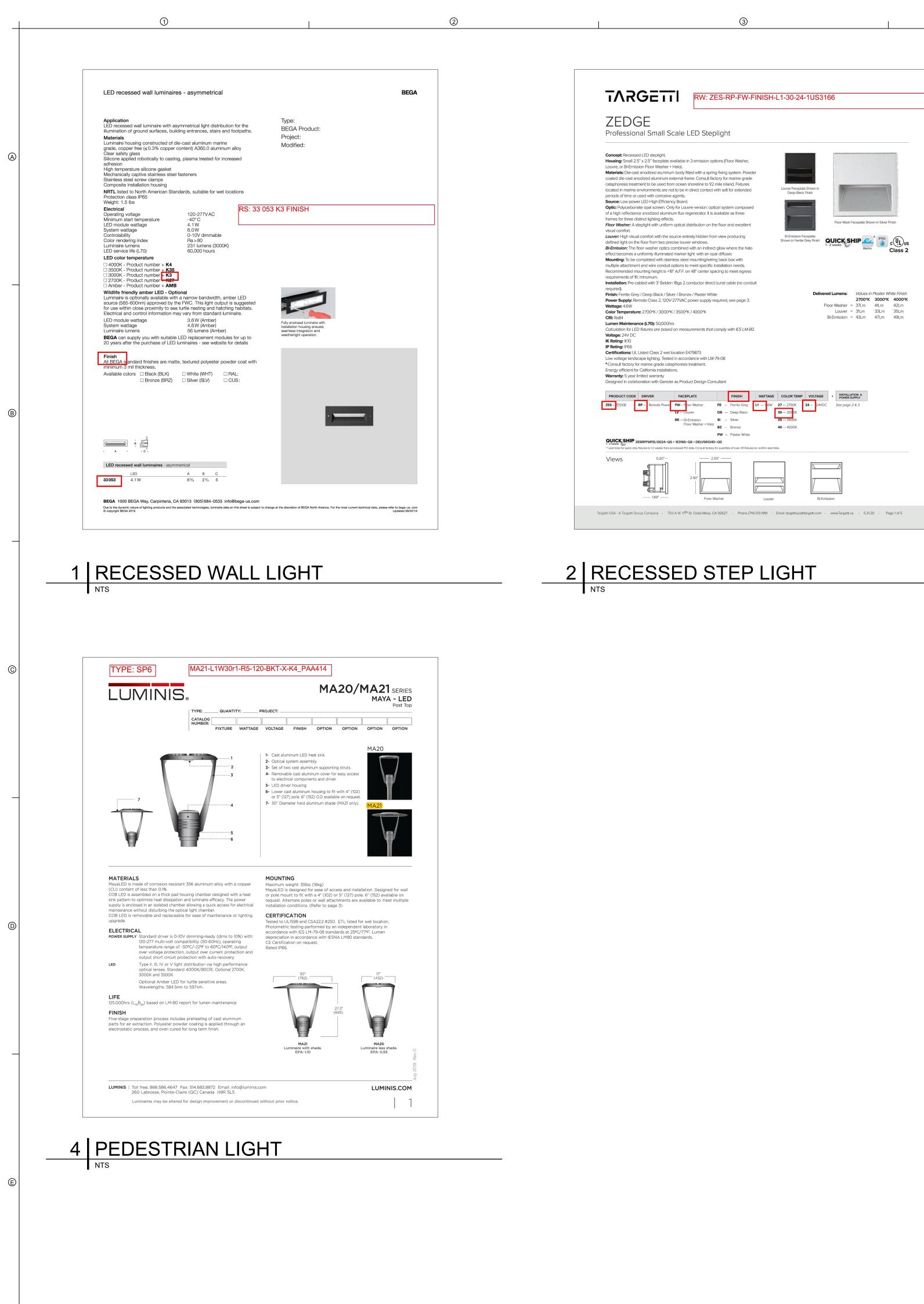


Know what's below. Call before you dig.



ARINI _____

8 Integral Asymmetric Shown Class 2 INSTALLATION + DRIVER



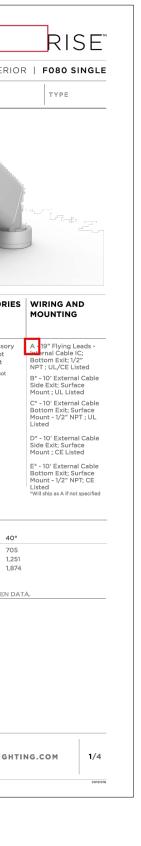
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FIXTURE MODEL	FIXTURE CONFIG.	POWER/ LUMEN OUTPUT*	CCT/ COLOR	CRI	BEAM A	NGLE	FINIS	HES	ACCESS
F080	IS - Single Head	LO - Low Output MO - Madium Output HO - High Output	22 - 2200K 25 - 2500K 27 - 2700K 30 - 3000K 40 - 4000K 50 - 5000K 65 - 6500K RD - Red GR - Green BL - Blue AM - Amber *2200K and 2500K not available in 40°, 60°, 70° and 90°	8 - 8 - 8 - 9 - 90 CRI not available in 2500K, 500 and 5500K	0, 15 - Narror 20 - Spot 40 - Боос 60 - Nediu 76 - Wide 76 - Wide 70 - Very E1 - Ellipti E2 - Ellipti E3 - Ellipti	larrow Spot (1 v Spot (15°)	S - Silv W - Wł C - Cus "Provide 0°)	nze er nite stom*	X - No Acc H - Ialf Sn ull Sn Wilshipas X specified
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	ation on this Spec Sh	neet is subject to cha	ange, please vi	sit ecosense	lighting.com/do	 wnloads/rise 1	or the most up	dated	information
	IGHTING INC.	P • 310.496.	6255	SPECIFICATIONS S	SUBJECT TO CHANGE W IGHTING.COM FOR THE I TENTS VISIT ECOSENSEI	THOUT NOTICE.	ICATIONS.		

3 UPLIGHT NTS

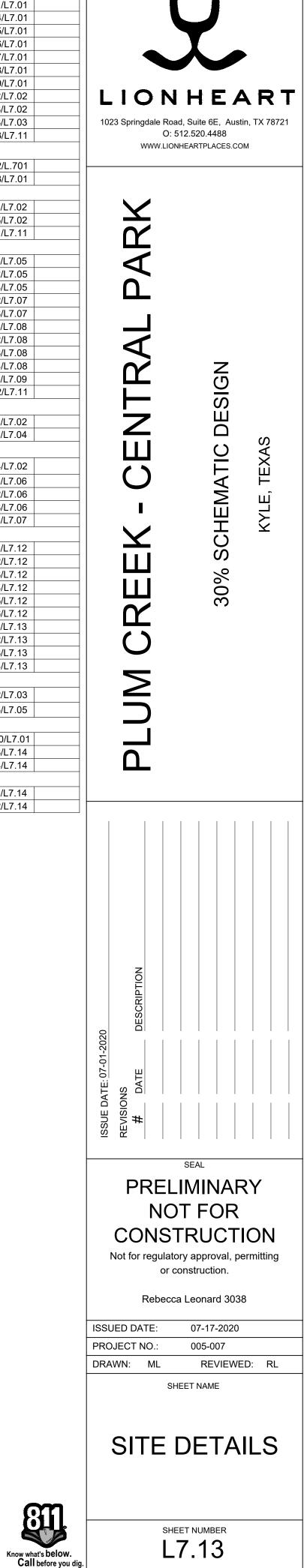
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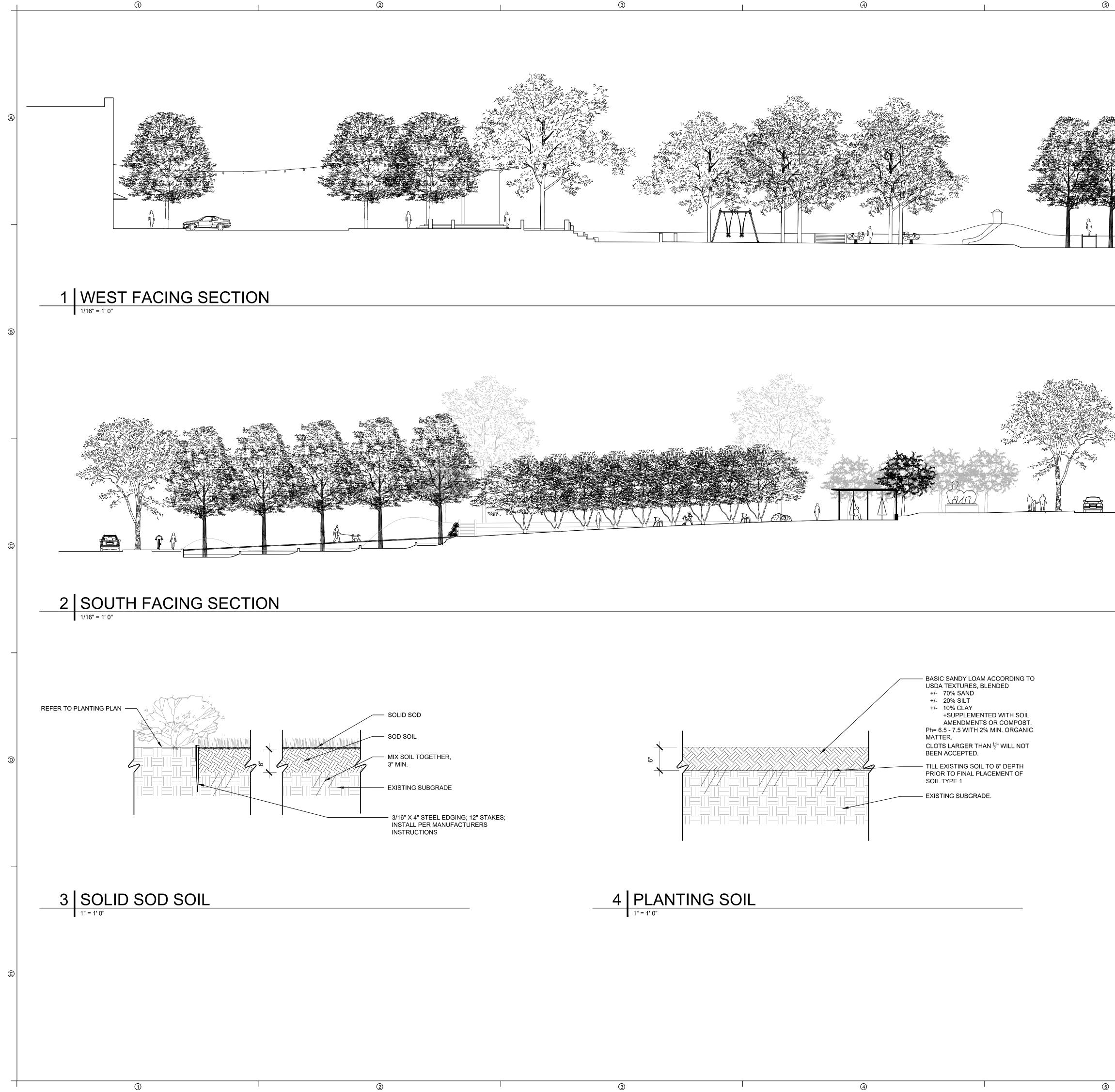
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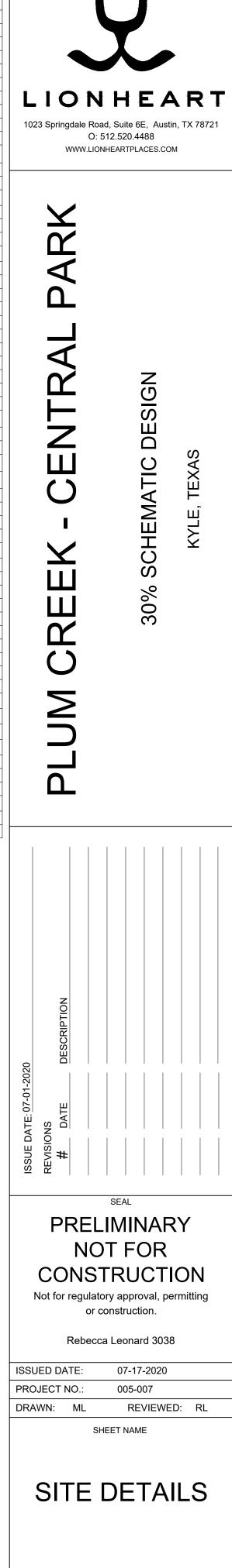


SITE KEYNOTES					
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC. SECTION		
	1 - PAVEMENT, RAMPS, CURBS				
1.1	CAST IN PLACE CONCRETE	1/L7.01			
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01			
1.3	PAVERS	5/L7.01			
1.4	PAVERS @ CONCRETE	6/L7.01			
1.5	PAVERS @ PLANTING	7/L7.01			
1.6	DECOMPOSED GRANITE	8/L7.01			
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01			
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02			
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02			
1.10	ADA RAMP	3/L7.03			
1.11	GRATE @ RAIN GARDEN	3/L7.11			
	2 - JOINTING				
2.1	EXPANSION JOINT	2/L.701			
2.2	CONTROL JOINT	3/L7.01			
	3-STEPS				
3.1	CONCRETE STAIRS	1/L7.02			
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02			
3.3	CONCRETE STEPPING PADS	1/L7.11			
	4 - SITE FURNITURE				
4.1	COCKTAIL TABLE	1/L7.05			
4.2	WOOD LOG BENCH	2/L7.05			
4.3	MUTT MITT STATION	3/L7.05			
4.4	VOLLEYBALL NET	2/L7.07			
4.5	BBQ GRILL	3/L7.07			
4.6	DOG PARK WATER FOUNTAIN	1/L7.08			
4.7	WATER FOUNTAIN	2/L7.08			
4.8	TRASH RECEPTACLE	3/L7.08			
4.9	PING PONG TABLE	4/L7.08			
4.10	SWING	1/L7.09			
4.11	CUSTOM HAMMOCK	2/L7.11			
	5 - SITE WALLS/EMBANKMENTS				
5.1	LIMESTONE BLOCK	1/L7.02			
5.2	BLADE WALL SIGNAGE	1/L7.04			
	6 - RAILINGS, BARRIERS, FENCING				
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02			
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06			
6.3	SINGLE SWING DOG PARK FENCE	2/L7.06			
6.4	DOG PARK FENCE	3/L7.06			
6.5	VOLLEYBALL FENCE	1/L7.07			
0.0	7 - LIGHTING / ELETRICAL	1/1/.07			
7.1	FESTOON LIGHTING	1/L7.12			
7.1	VEHICULAR POLE LIGHTING	2/L7.12			
7.2	AREA LIGHT	3/L7.12			
7.3	CULTURAL TRAIL LIGHT	4/L7.12			
7.4	DOWN LIGHT	5/L7.12			
7.6	PUCK LIGHT	6/L7.12			
7.7	RECESSED WALL LIGHT	1/L7.13			
7.8	RECESSED STEP LIGHT	2/L7.13			
7.9	UPLIGHT	3/L7.13			
7.10	PEDESTRIAN LIGHT	4/L7.13			
I	8 - SIGNAGE				
8.1	BBQ RULES SIGNAGE	2/L7.03			
8.2	PARK RULES SIGNAGE	5/L7.05			
0.2	9 - PLANTING AND LANDSCAPE	0,21.00			
0.4		10/1 7 04			
9.1	STEEL EDGING	10/L7.01			
9.2	SOLID SOD SOIL	3/L7.14			
9.3		4/L7.14			
40.4	10 - SECTIONS & ELEVATIONS	411 - 2 4 4			
10.1	WEST FACING SECTION	1/L7.14			
10.2	SOUTH FACING SECTION	2/L7.14			





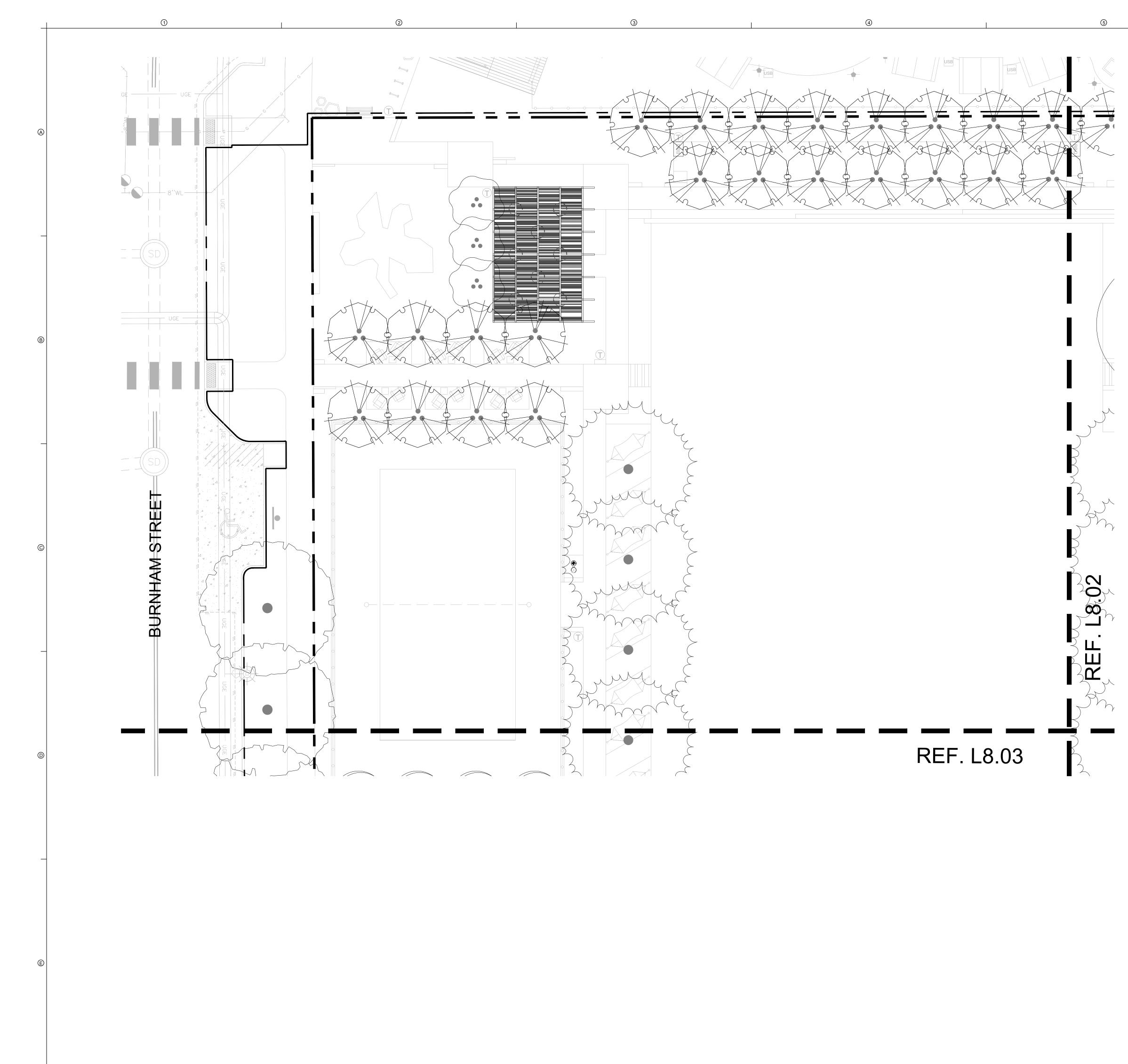
	SITE KEYNOTES		
DETAIL NUMBER	DETAIL	DETAIL/ SHEET	SPEC. SECTION
NONDER	1 - PAVEMENT, RAMPS, CURBS		02011011
1.1	CAST IN PLACE CONCRETE	1/L7.01	
1.2	CAST IN PLACE CONCRETE @ CURB	4/L7.01	
1.3	PAVERS	5/L7.01	
1.4	PAVERS @ CONCRETE	6/L7.01	
1.5	PAVERS @ PLANTING	7/L7.01	
1.6	DECOMPOSED GRANITE	8/L7.01	
1.7	DECOMPOSED GRANITE @ PLANTING	9/L7.01	
1.8	CURBING @ RUBBERIZED FALL SURFACE	2/L7.02	
1.9	CONCRETE @ RUBBERIZED FALL SURFACE	3/L7.02	
1.10	ADA RAMP	3/L7.03	
1.11	GRATE @ RAIN GARDEN	3/L7.11	
	2 - JOINTING	-1	1
2.1	EXPANSION JOINT	2/L.701	
2.2	CONTROL JOINT	3/L7.01	
	3-STEPS	_	
3.1	CONCRETE STAIRS	1/L7.02	
3.2	LEUDERS LIMESTONE STEPS @ LAWN	5/L7.02	
3.3	CONCRETE STEPPING PADS	1/L7.11	
	4 - SITE FURNITURE		
4.1	COCKTAIL TABLE	1/L7.05	
4.2	WOOD LOG BENCH	2/L7.05	
4.3	MUTT MITT STATION	3/L7.05	
4.4	VOLLEYBALL NET	2/L7.07	
4.5	BBQ GRILL	3/L7.07	
4.6		1/L7.08	
4.7		2/L7.08	
4.8	TRASH RECEPTACLE PING PONG TABLE	3/L7.08 4/L7.08	
4.9	SWING	4/L7.08	
4.10	CUSTOM HAMMOCK	2/L7.11	
4.11	5 - SITE WALLS/EMBANKMENTS	2/27.11	
5.1	LIMESTONE BLOCK	1/L7.02	
5.2	BLADE WALL SIGNAGE	1/L7.02	
0.2	6 - RAILINGS, BARRIERS, FENCING		
6.1	HANDRAIL @ CONCRETE STAIRS	4/L7.02	
6.2	DOUBLE SWING DOG PARK FENCE GATE	1/L7.06	
6.3 6.4	SINGLE SWING DOG PARK FENCE DOG PARK FENCE	2/L7.06 3/L7.06	
6.5	VOLLEYBALL FENCE	1/L7.07	
0.0	7 - LIGHTING / ELETRICAL	1/27.07	
7.1	FESTOON LIGHTING	1/L7.12	
7.1	VEHICULAR POLE LIGHTING	2/L7.12	
7.3	AREA LIGHT	3/L7.12	
7.4	CULTURAL TRAIL LIGHT	4/L7.12	
7.5	DOWN LIGHT	5/L7.12	
7.6	PUCK LIGHT	6/L7.12	
7.7	RECESSED WALL LIGHT	1/L7.13	
7.8	RECESSED STEP LIGHT	2/L7.13	
7.9	UPLIGHT	3/L7.13	
7.10	PEDESTRIAN LIGHT	4/L7.13	
	8 - SIGNAGE	_	
8.1	BBQ RULES SIGNAGE	2/L7.03	
8.2	PARK RULES SIGNAGE	5/L7.05	
	9 - PLANTING AND LANDSCAPE		
9.1	STEEL EDGING	10/L7.01	
9.2	SOLID SOD SOIL	3/L7.14	
9.3	PLANTING SOIL	4/L7.14	
	10 - SECTIONS & ELEVATIONS		
10.1	WEST FACING SECTION	1/L7.14	
10.2	SOUTH FACING SECTION	2/L7.14	



Know what's below. Call before you dig.

SHEET NUMBER

L7.14



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PLANT SC			
TREES	CODE	BOTANICAL / COMMON NAME	SIZE
A A	СХ	Cercidium x `Desert Museum` Thornless Palo Verde	3" Cal.
•	CER FOR	Cercis canadensis `Forest Pansy` TM Forest Pansy Redbud	2.5" Cal.
	LX	Lagerstroemia x `Natchez` White Crape Myrtle Multi-Trunk	3" Cal.
	РМ	Platanus mexicana Mexican Sycamore	4" Cal.
	PM2	Prunus mexicana Mexican Plum	3" Cal.
· · · · · · · · · · · · · · · · · · ·	QS	Quercus shumardii Shumard Red Oak	4" Cal.
(QV	Quercus virginiana Southern Live Oak	4" Cal.
	QU	Quercus virginiana Multi Trunk 10" Multi Trunk Southern Live Oak	10"
	TD	Taxodium distichum Bald Cypress	4" Cal.
⊕	ULM CRA	Ulmus crassifolia Cedar Elm	4" Cal.

LIONHEART 1023 Springdale Road, Suite 6E, Austin, TX 78721 O: 512.520.4488 WWW.LIONHEARTPLACES.COM K 4 Ŷ SCHEMATIC DESIGN CENT TEXAS KYLE, REEK 30% \mathbf{O} \geq SEAL PRELIMINARY NOT FOR CONSTRUCTION Not for regulatory approval, permitting or construction. Rebecca Leonard 3038

0 5 10 20 **Bigging Constrained and the second seco**

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07-17-2020 005-007

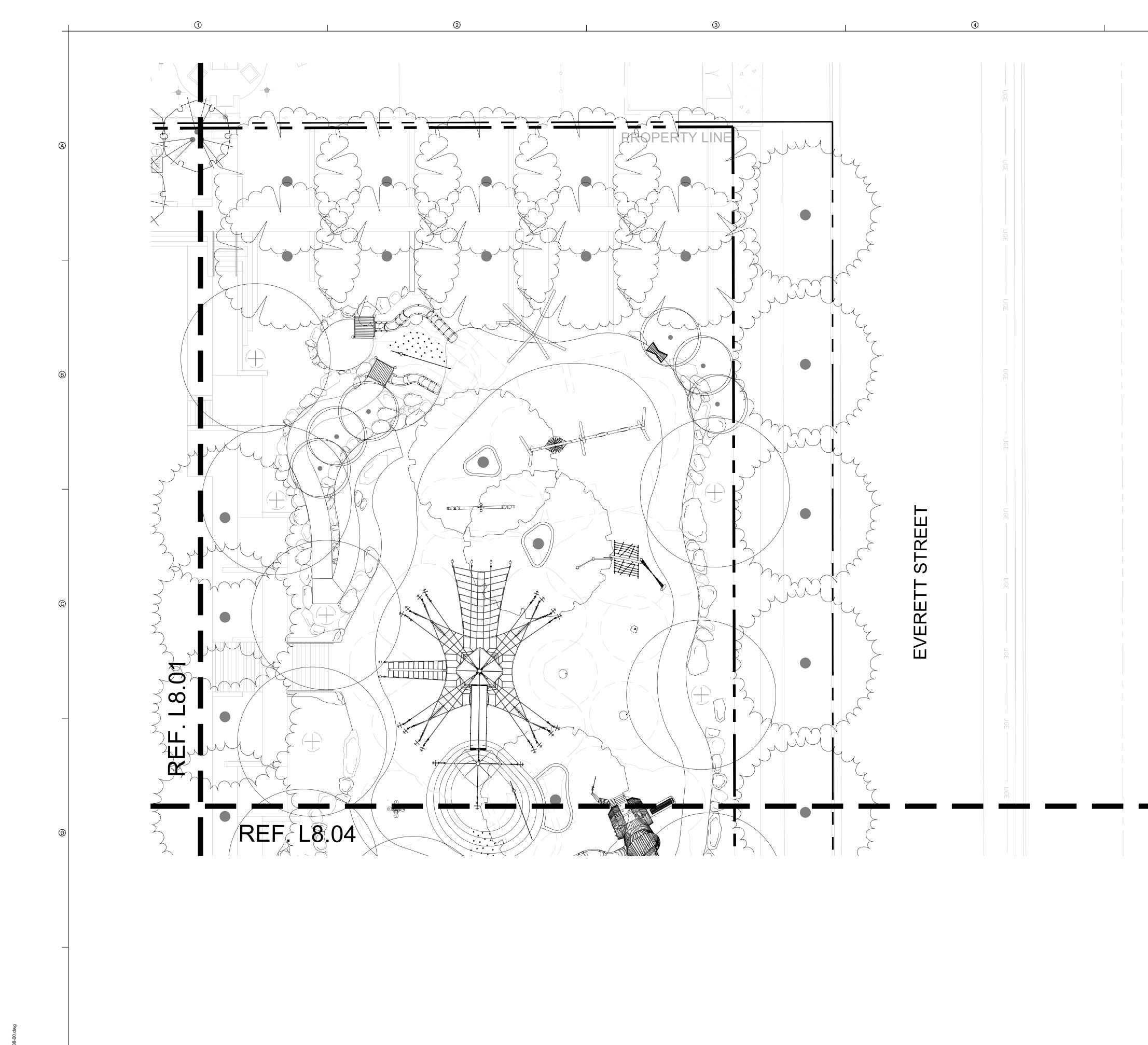
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TREE PLAN

REVIEWED: RL

ISSUED DATE:

PROJECT NO.: DRAWN: ML



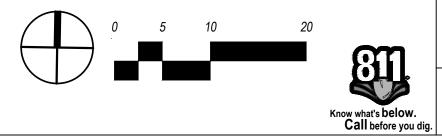
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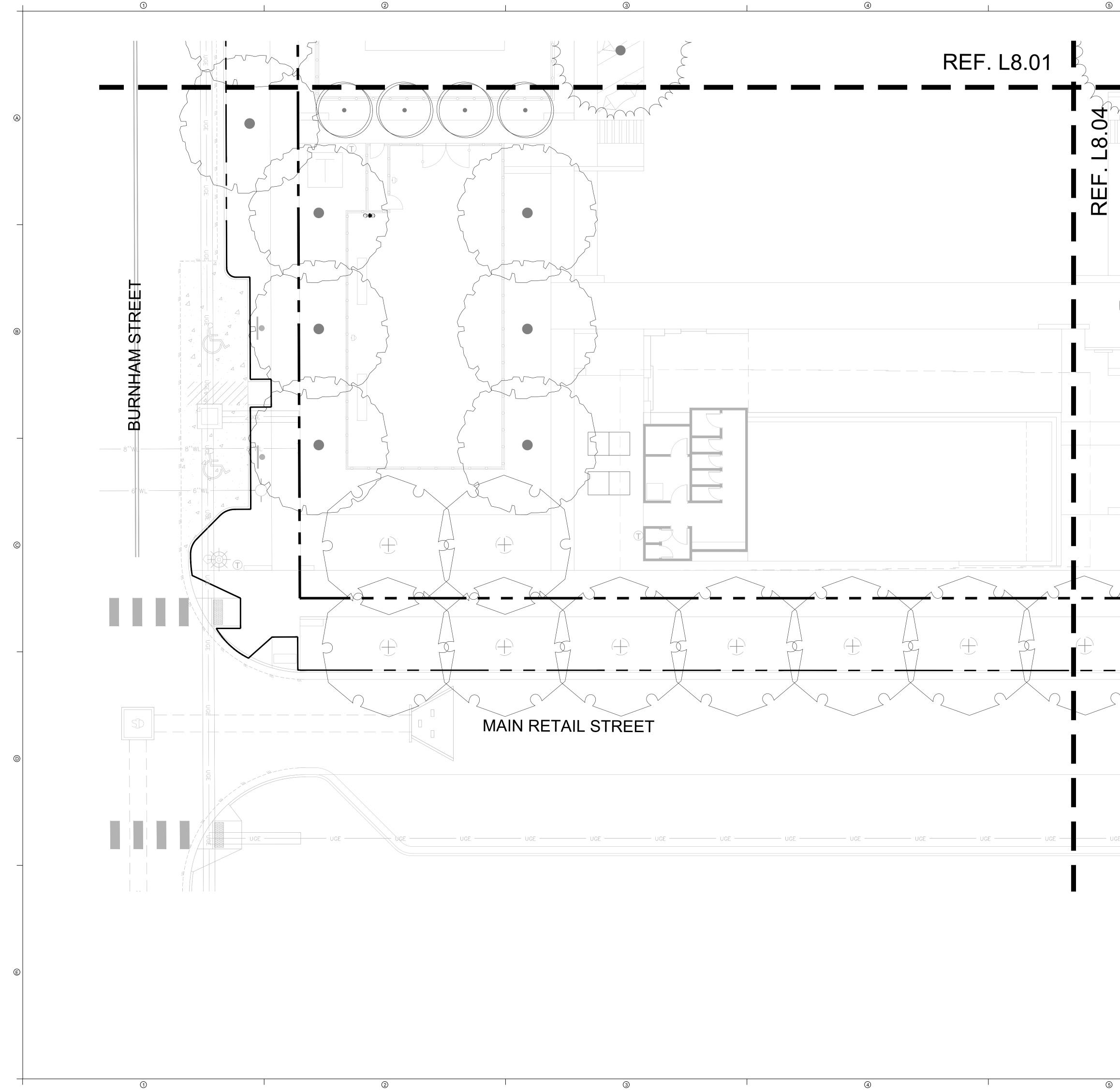
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PLANT SC			
TREES	CODE	BOTANICAL / COMMON NAME	SIZE
and a start	сх	Cercidium x `Desert Museum` Thornless Palo Verde	3" Cal.
	CER FOR	Cercis canadensis `Forest Pansy` TM Forest Pansy Redbud	2.5" Cal.
	LX	Lagerstroemia x `Natchez` White Crape Myrtle Multi-Trunk	3" Cal.
	PM	Platanus mexicana Mexican Sycamore	4" Cal.
	PM2	Prunus mexicana Mexican Plum	3" Cal.
	QS	Quercus shumardii Shumard Red Oak	4" Cal.
(\oplus)	QV	Quercus virginiana Southern Live Oak	4" Cal.
	QU	Quercus virginiana Multi Trunk 10" Multi Trunk Southern Live Oak	10"
	TD	Taxodium distichum Bald Cypress	4" Cal.
	ULM CRA	Ulmus crassifolia Cedar Elm	4" Cal.

LIONHEART 1023 Springdale Road, Suite 6E, Austin, TX 78721 O: 512.520.4488 WWW.LIONHEARTPLACES.COM K AL DESIGN M CENT TEXAS CHEMATIC KYLE, REEK Š 30% \mathbf{O} \geq SEAL PRELIMINARY NOT FOR CONSTRUCTION Not for regulatory approval, permitting or construction. Rebecca Leonard 3038 ISSUED DATE: 07-17-2020 005-007 PROJECT NO .: DRAWN: ML REVIEWED: RL SHEET NAME TREE PLAN





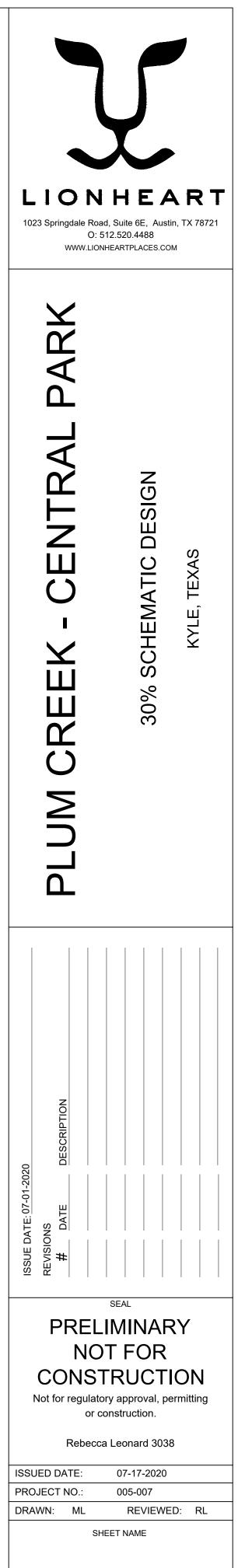


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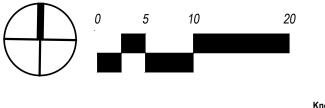
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LANT SC			
EES	CODE	BOTANICAL / COMMON NAME	SIZE
	СХ	Cercidium x `Desert Museum` Thornless Palo Verde	3" Cal.
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	QS	Quercus shumardii Shumard Red Oak	4" Cal.
•	QV	Quercus virginiana Southern Live Oak	4" Cal.
	QU	Quercus virginiana Multi Trunk 10" Multi Trunk Southern Live Oak	10"
· ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	TD	Taxodium distichum Bald Cypress	4" Cal.
1	ULM CRA	Ulmus crassifolia Cedar Elm	4" Cal.

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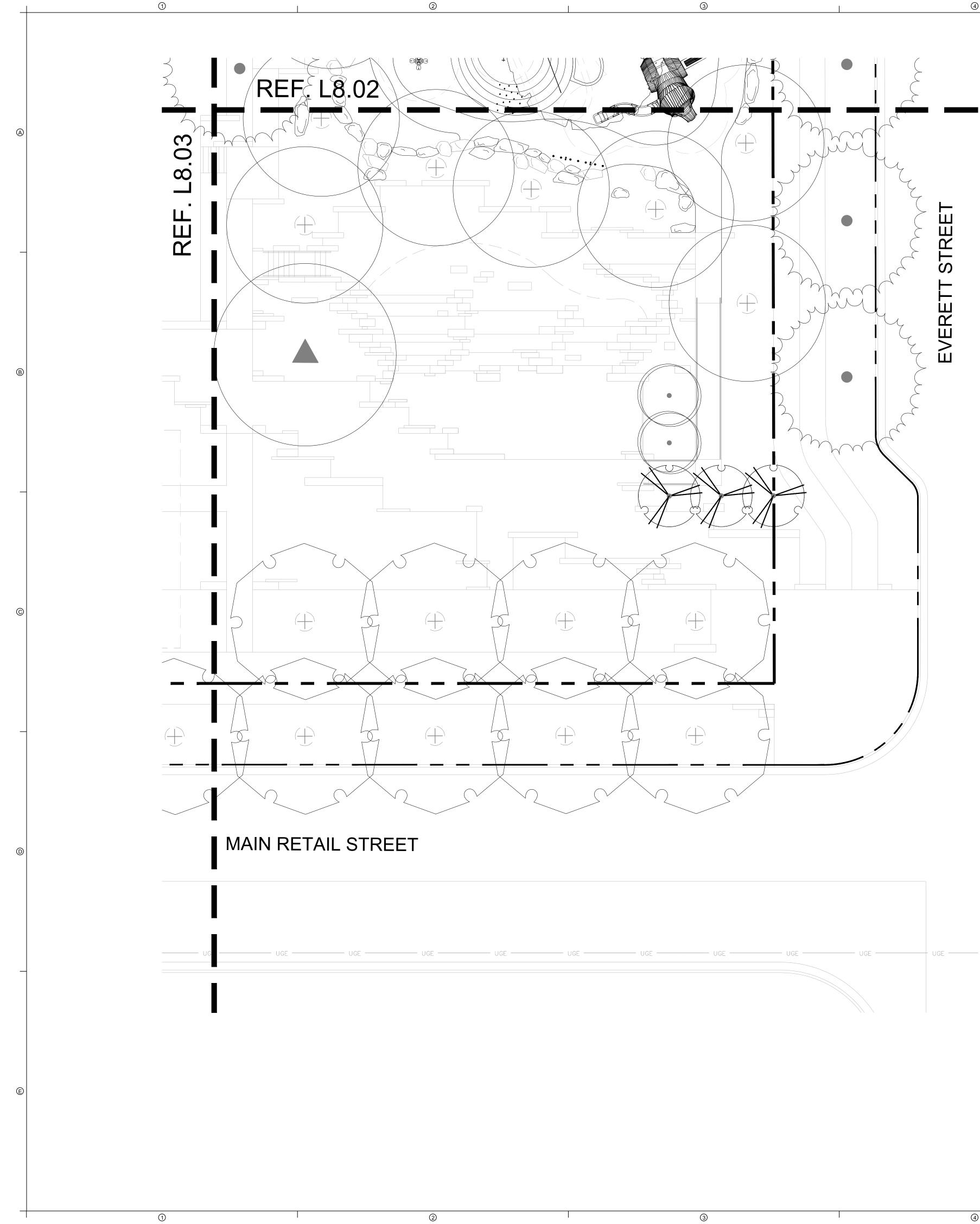




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SHEET NUMBER L8.03



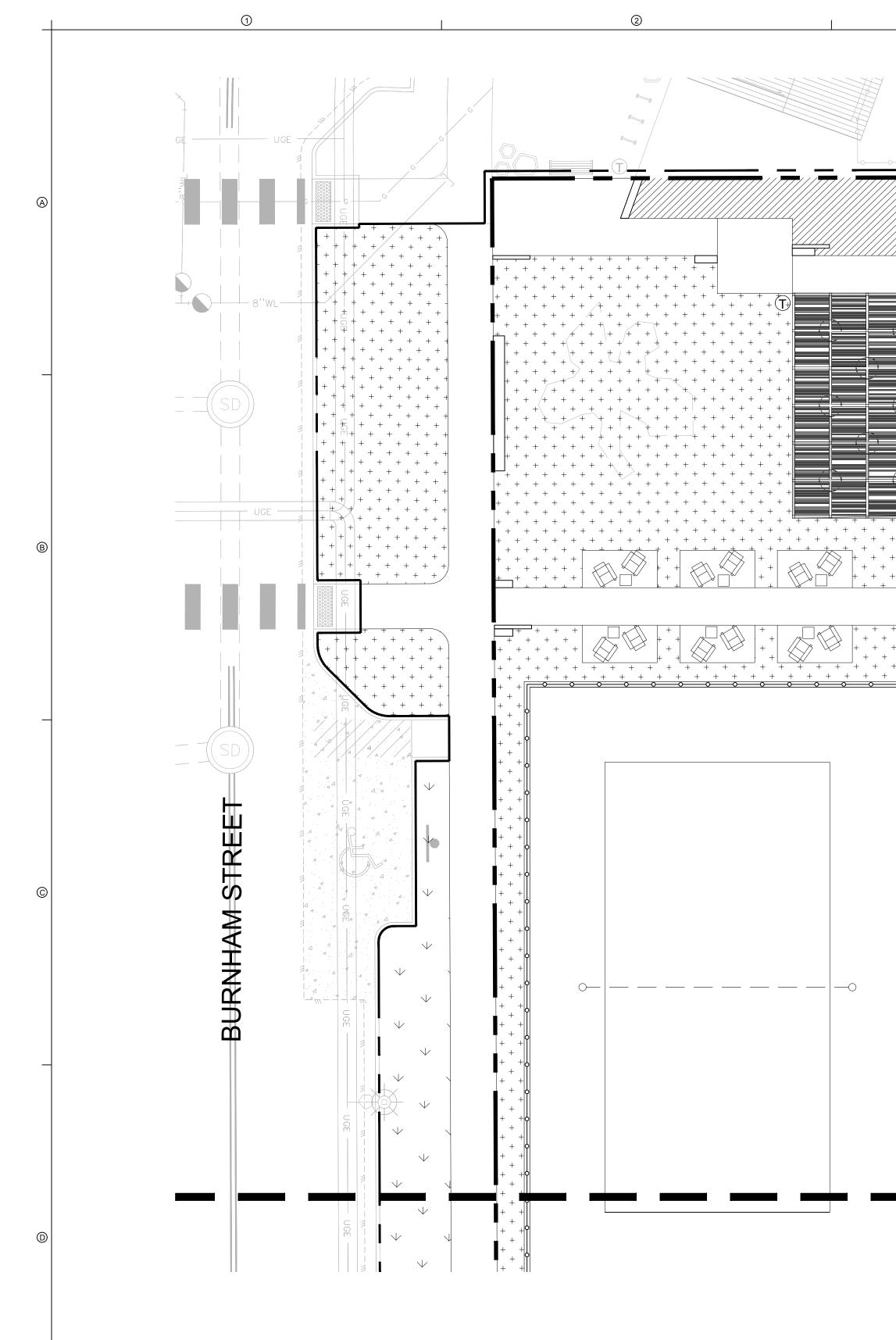


PLANT SC			
TREES	CODE	BOTANICAL / COMMON NAME	SIZE
and a star	сх	Cercidium x `Desert Museum` Thornless Palo Verde	3" Cal.
	CER FOR	Cercis canadensis `Forest Pansy` TM Forest Pansy Redbud	2.5" Cal.
	LX	Lagerstroemia x `Natchez` White Crape Myrtle Multi-Trunk	3" Cal.
	PM	Platanus mexicana Mexican Sycamore	4" Cal.
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	QS	Quercus shumardii Shumard Red Oak	4" Cal.
(\oplus)	QV	Quercus virginiana Southern Live Oak	4" Cal.
	QU	Quercus virginiana Multi Trunk 10" Multi Trunk Southern Live Oak	10"
	TD	Taxodium distichum Bald Cypress	4" Cal.
	ULM CRA	Ulmus crassifolia Cedar Elm	4" Cal.

LIONHEART 1023 Springdale Road, Suite 6E, Austin, TX 78721 O: 512.520.4488 WWW.LIONHEARTPLACES.COM R X X 4 **CENTR** SCHEMATIC DESIGN TEXAS KYLE, CREEK 30% M SEAL PRELIMINARY NOT FOR CONSTRUCTION Not for regulatory approval, permitting or construction. Rebecca Leonard 3038 07-17-2020 ISSUED DATE: PROJECT NO.: 005-007 DRAWN: ML REVIEWED: RL SHEET NAME TREE PLAN







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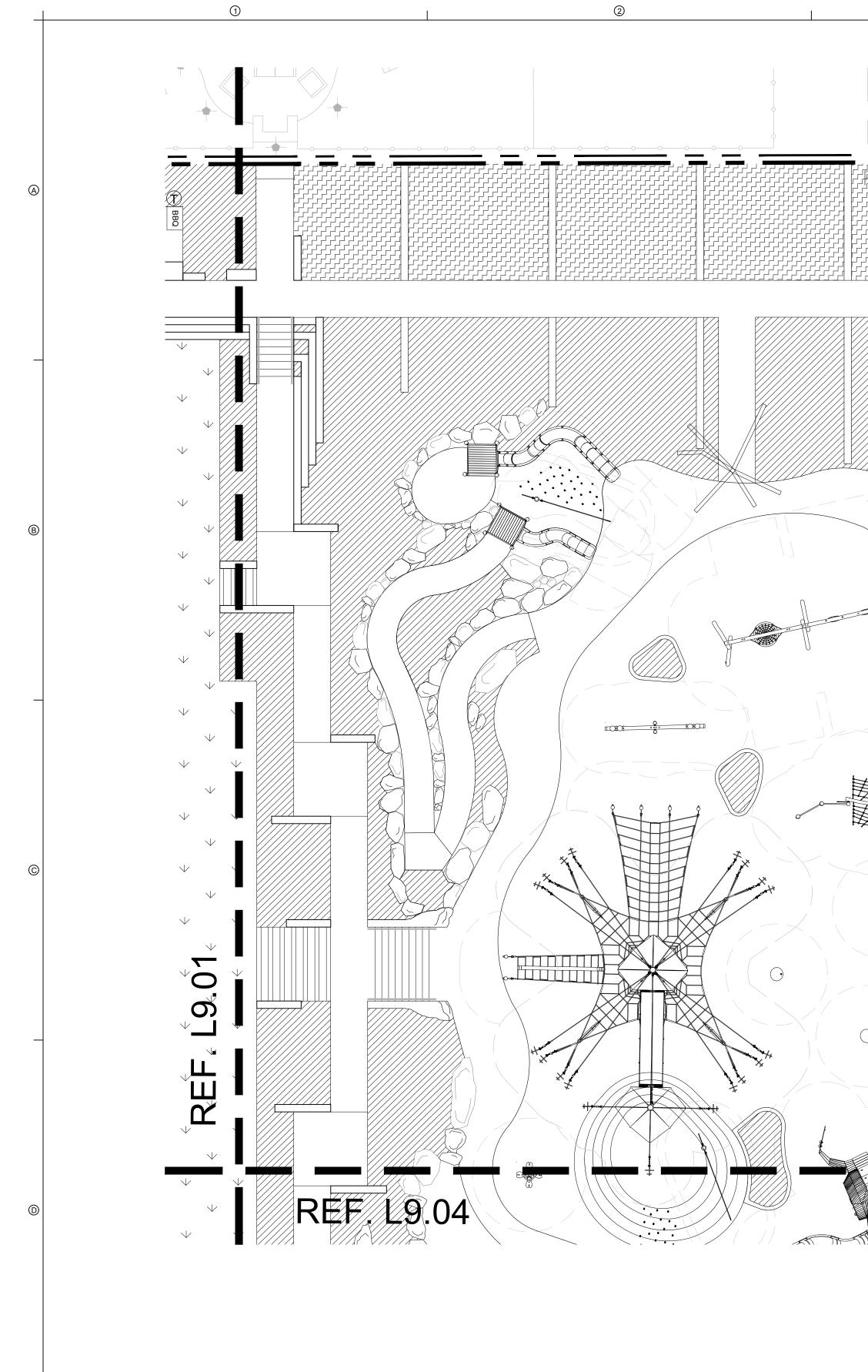
		6			1		
SHRUBS		BOTANICAL / COMMON NAME	SIZE				1
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	AGA FR3	Agave ovatifolia `Frosty Blue` Whale`s Tongue Agave	10 gal.	Pot		Γ	
	ART PO2	Artemisia x `Powis Castle` Powis Castle Artemisia	3 gal.			$\mathbf{\gamma}$	
₩	BER THU	Berberis thunbergii Japanese Greenleaf Barberry	5 gal.			$\sim$	
NNVUUL.	BOU GRA	Bouteloua gracilis Blue Grama Grass	3 gal.		LION 1023 Springdale Road,	Suite 6E, Austin,	
MUNNING CONTRACT	COT COG	Cotinus coggygria Smoke Tree	25 gal.			2.520.4488 EARTPLACES.COM	
$\oplus$	DIE BIC	Dietes bicolor Fortnight Lily	5 gal.	Pot			
$\bigcirc$	FAT JPN	Fatsia japonica Japanese Fatsia	5 gal.	Pot	PARK		
·	FAT JP2	Fatsia japonica Japanese Fatsia	5 gal.	Pot	D D D		
N. N. N.	HES PAR	Hesperaloe parviflora Red Yucca	5 gal.				
}•• }••	ILE BU2	llex cornuta `Burfordii` Burford Holly	5 gal.		R A	Z	
$\langle \cdot \rangle$	LEU FRU	Leucophyllum frutescens Texas Sage	5 gal.		N L L L	ESIC	
$\bigotimes$	LEU COM	Leucophyllum frutescens `Compacta` Compact Texas Ranger	5 gal.			30% SCHEMATIC DESIGN	EXAS
$\bigcirc$	LIG TEE	Ligularia tussilaginea `gigantea` Giant Leopard Plant	5 gal.	Pot		EMA	KYLE, TEXAS
·	MUH CAP	Muhlenbergia capillaris Pink Muhly Grass	5 gal.			SCH	$\mathcal{L}$
€ <b>€</b> €	OPU MAC	Opuntia macrocentra Purple Pricklypear	5 gal.			30%	
$\bigcirc$	PER LI9	Perovskia x `Little Spire` Russian Sage	5 gal.		C R		
Ker Thomas and the second seco	PHL JER	Phlomis aurea Sinai Jerusalem Sage	5 gal.	Pot			
۲	PLU AU2	Plumbago auriculata Blue Plumbago	2 gal.	Pot			
	RHA IND	Rhaphiolepis indica Indian Hawthorn	5 gal.	Pot	L L		
$\bigcirc$	RHA AL2	Rhaphiolepis indica `Alba` White Indian Hawthorn	5 gal.				
	ROS OFF	Rosmarinus officinalis Rosemary	2 gal.	Pot			
JULICE CONTRACT	RUS EQU	Russelia equisetiformis Firecracker Plant	5 gal.	Pot			
	SAL LEU	Salvia leucantha Mexican Bush Sage	5 gal.	Pot			
ullet	STI TEN	Stipa tenacissima Mexican Feather Grass	3 gal.		DESCRIPTION		
	TAX CUS	Taxus cuspidata Upright Japanese Yew	45 gal.		DESCF		
	TEU FRU	Teucrium fruticans Bush Germander	3 gal.		ISSUE DATE: 07-01-2020 REVISIONS # DATE [		
$\bigcirc$	THR TH3	Thryallis glauca Thryallis	3 gal.		ISSUE DATI		
$\mathfrak{S}$	TRA ASI	Trachelospermum asiaticum Asian Jasmine	3 gal.			SEAL	
	VIB ODO	Viburnum odoratissimum Sweet Viburnum	3 gal.			MINAR` F FOR	Y
Ê	YUC RUP	Yucca rupicola Texas Yucca	3 gal.		CONST Not for regulatory or cor		
					Rebecca	Leonard 3038	



Rebecca Leonard 3038				
ISSUED DATE:	07-17-2020			
PROJECT NO.:	005-007			
DRAWN: ML	REVIEWED: RL			
UNDE	ERSTORY PLAN			

sheet number

Know what's below. Call before you dig.





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SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	
S.S.	AGA FR3	Agave ovatifolia `Frosty Blue` Whale`s Tongue Agave	10 gal.	Pot	
2.45 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ART PO2	Artemisia x `Powis Castle` Powis Castle Artemisia	3 gal.		
*	BER THU	Berberis thunbergii Japanese Greenleaf Barberry	5 gal.		
0	BOU GRA	Bouteloua gracilis Blue Grama Grass	3 gal.		LIONHEART 1023 Springdale Road, Suite 6E, Austin, TX 78721
MANNAN CONTRACTION	COT COG	Cotinus coggygria Smoke Tree	25 gal.		O: 512.520.4488 WWW.LIONHEARTPLACES.COM
$\oplus$	DIE BIC	Dietes bicolor Fortnight Lily	5 gal.	Pot	
$\bigcirc$	FAT JPN	Fatsia japonica Japanese Fatsia	5 gal.	Pot	A R A
$\left( \cdot \right)$	FAT JP2	Fatsia japonica Japanese Fatsia	5 gal.	Pot	A A A
M.M.	HES PAR	Hesperaloe parviflora Red Yucca	5 gal.		
	ILE BU2	llex cornuta `Burfordii` Burford Holly	5 gal.		
$\langle \cdot \rangle$	LEU FRU	Leucophyllum frutescens Texas Sage	5 gal.		REEK - CENTR 30% SCHEMATIC DESIGN KYLE, TEXAS
	LEU COM	Leucophyllum frutescens `Compacta` Compact Texas Ranger	5 gal.		
$\bigcirc$	LIG TEE	Ligularia tussilaginea `gigantea` Giant Leopard Plant	5 gal.	Pot	KYLE, TEXAS
	MUH CAP	Muhlenbergia capillaris Pink Muhly Grass	5 gal.		
₹ <b>€</b> €3	OPU MAC	Opuntia macrocentra Purple Pricklypear	5 gal.		30%
$\overline{\cdot}$	PER LI9	Perovskia x `Little Spire` Russian Sage	5 gal.		U U U
Contraction of the second seco	PHL JER	Phlomis aurea Sinai Jerusalem Sage	5 gal.	Pot	Σ
$\bigcirc$	PLU AU2	Plumbago auriculata Blue Plumbago	2 gal.	Pot	DLU M
	RHA IND	Rhaphiolepis indica Indian Hawthorn	5 gal.	Pot	
$\overline{lackslash}$	RHA AL2	Rhaphiolepis indica `Alba` White Indian Hawthorn	5 gal.		
	ROS OFF	Rosmarinus officinalis Rosemary	2 gal.	Pot	
	RUS EQU	Russelia equisetiformis Firecracker Plant	5 gal.	Pot	
er · · · · · · · · · · · · · · · · · · ·	SAL LEU	Salvia leucantha Mexican Bush Sage	5 gal.	Pot	
$\odot$	STI TEN	Stipa tenacissima Mexican Feather Grass	3 gal.		DESCRIPTION
	TAX CUS	Taxus cuspidata Upright Japanese Yew	45 gal.		2020 2020 DESC
	TEU FRU	Teucrium fruticans Bush Germander	3 gal.		TE: 07-01- IS DATE
$\bigcirc$	THR TH3	Thryallis glauca Thryallis	3 gal.		ISSUE DATE: 07-01-2020 REVISIONS # DATE [
$\mathfrak{B}$	TRA ASI	Trachelospermum asiaticum Asian Jasmine	3 gal.		SEAL
(•)	VIB ODO	Viburnum odoratissimum Sweet Viburnum	3 gal.		PRELIMINARY NOT FOR
Ê	YUC RUP	Yucca rupicola Texas Yucca	3 gal.		CONSTRUCTION Not for regulatory approval, permitting or construction.
					Rebecca Leonard 3038
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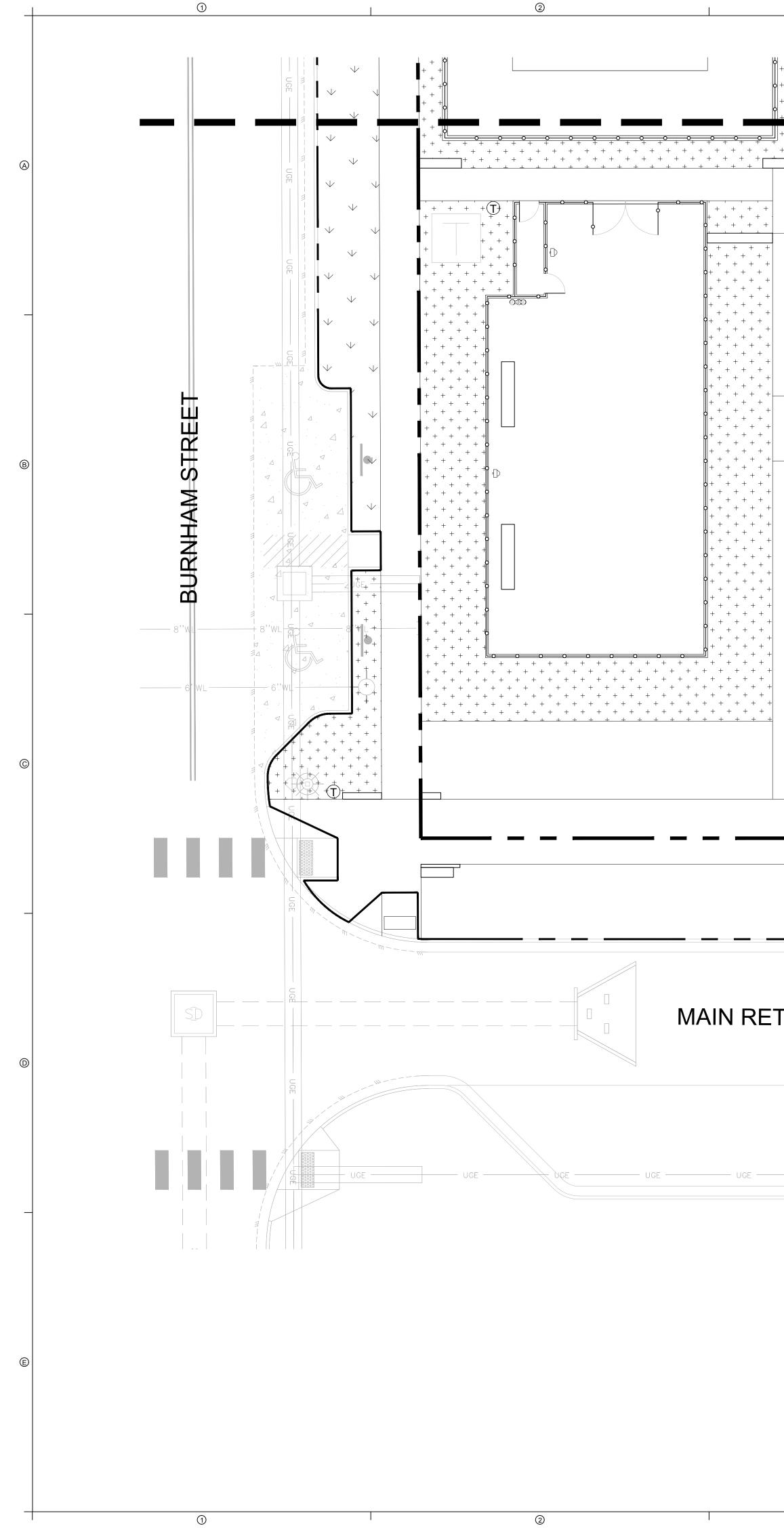
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ISSUED DATE:

PROJECT NO.:

07-17-2020 005-007

REVIEWED: RL



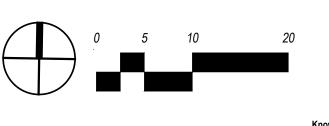
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# MAIN RETAIL STREET

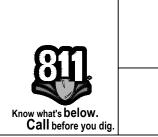
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SHRUBS	<u>CODE</u> AGA FR3	BOTANICAL / COMMON NAME Agave ovatifolia `Frosty Blue` Whale`s Tongue Agave	<u>SIZE</u> 10 gal.	<u>CONTAINER</u> Pot	
5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ART PO2	Artemisia x `Powis Castle` Powis Castle Artemisia	3 gal.		
¥	BER THU	Berberis thunbergii Japanese Greenleaf Barberry	5 gal.		
0	BOU GRA	Bouteloua gracilis Blue Grama Grass	3 gal.		LIONHEART
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN	COT COG	Cotinus coggygria Smoke Tree	25 gal.		1023 Springdale Road, Suite 6E, Austin, TX 78721 O: 512.520.4488 WWW.LIONHEARTPLACES.COM
$\oplus$	DIE BIC	Dietes bicolor Fortnight Lily	5 gal.	Pot	
$\odot$	FAT JPN	Fatsia japonica Japanese Fatsia	5 gal.	Pot	ARK
$\left( \cdot \right)$	FAT JP2	Fatsia japonica Japanese Fatsia	5 gal.	Pot	
M.	HES PAR	Hesperaloe parviflora Red Yucca	5 gal.		
	ILE BU2	llex cornuta `Burfordii` Burford Holly	5 gal.		
$\langle \cdot \rangle$	LEU FRU	Leucophyllum frutescens Texas Sage	5 gal.		
$\bigotimes$	LEU COM	Leucophyllum frutescens `Compacta` Compact Texas Ranger	5 gal.		
$\bigcirc$	LIG TEE	Ligularia tussilaginea `gigantea` Giant Leopard Plant	5 gal.	Pot	KYLE, TEXAS
·	MUH CAP	Muhlenbergia capillaris Pink Muhly Grass	5 gal.		
÷	OPU MAC	Opuntia macrocentra Purple Pricklypear	5 gal.		30% H
$\bigcirc$	PER LI9	Perovskia x `Little Spire` Russian Sage	5 gal.		
Contraction of the second s	PHL JER	Phlomis aurea Sinai Jerusalem Sage	5 gal.	Pot	
٢	PLU AU2	Plumbago auriculata Blue Plumbago	2 gal.	Pot	
	RHA IND	Rhaphiolepis indica Indian Hawthorn	5 gal.	Pot	
$\overline{\cdot}$	RHA AL2	Rhaphiolepis indica `Alba` White Indian Hawthorn	5 gal.		
	ROS OFF	Rosmarinus officinalis Rosemary	2 gal.	Pot	
JULICE ENTRY	RUS EQU	Russelia equisetiformis Firecracker Plant	5 gal.	Pot	
	SAL LEU	Salvia leucantha Mexican Bush Sage	5 gal.	Pot	
ullet	STI TEN	Stipa tenacissima Mexican Feather Grass	3 gal.		DESCRIPTION
•	TAX CUS	Taxus cuspidata Upright Japanese Yew	45 gal.		020 DESCF
	TEU FRU	Teucrium fruticans Bush Germander	3 gal.		IS IS DATE
$\bigcirc$	THR TH3	Thryallis glauca Thryallis	3 gal.		ISSUE DATE: 07-01-2020 REVISIONS # DATE
$\mathfrak{S}$	TRA ASI	Trachelospermum asiaticum Asian Jasmine	3 gal.		SEAL
$\langle \bullet \rangle$	VIB ODO	Viburnum odoratissimum Sweet Viburnum	3 gal.		PRELIMINARY NOT FOR
£.3	YUC RUP	Yucca rupicola Texas Yucca	3 gal.		CONSTRUCTION Not for regulatory approval, permitting or construction. Rebecca Leonard 3038



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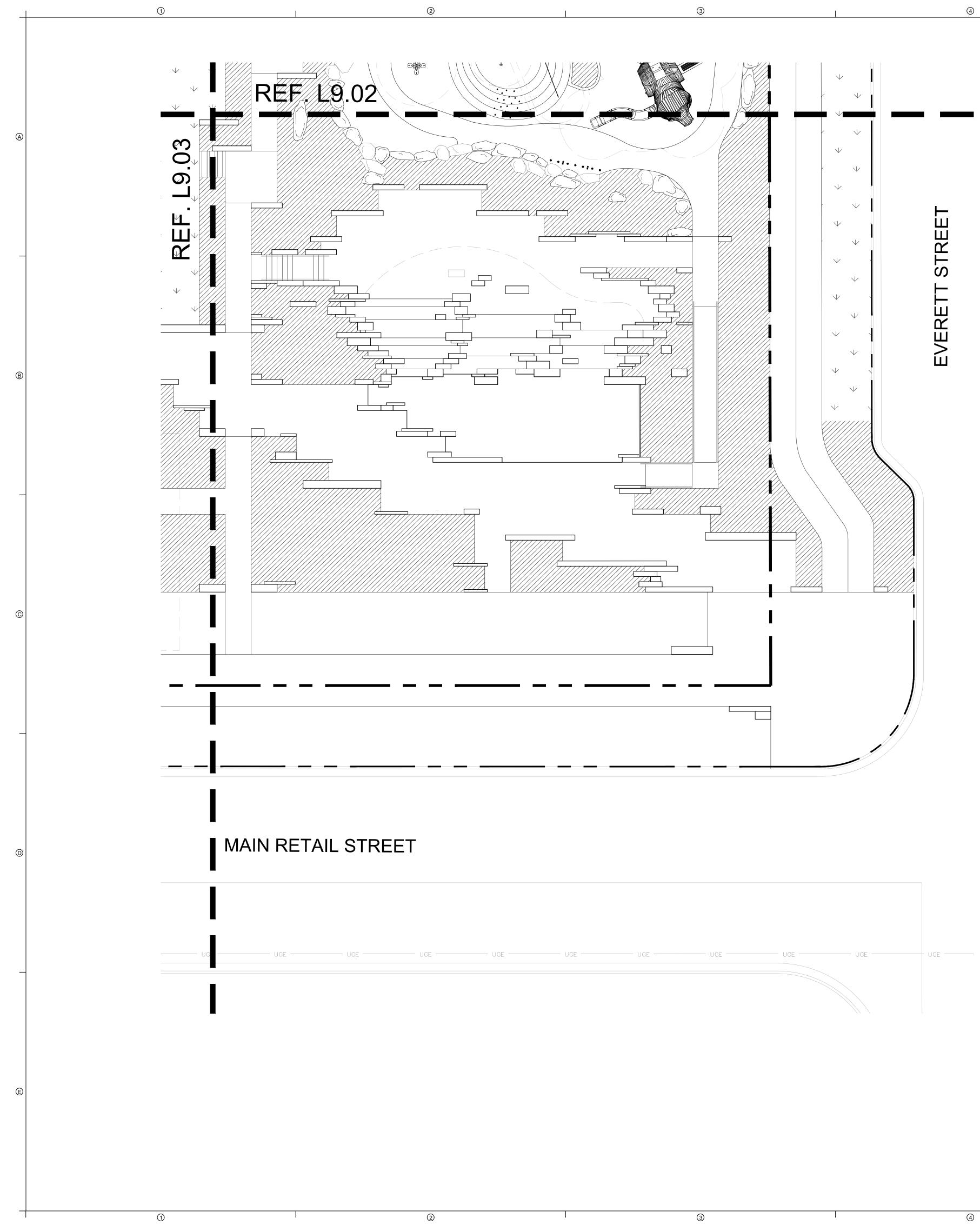
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Rebecca Leonard 3038

07-17-2020 ISSUED DATE: PROJECT NO .: 005-007 DRAWN: ML REVIEWED: RL SHEET NAME

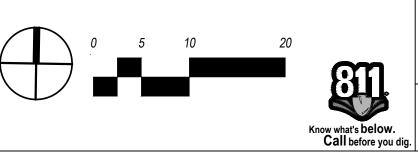


SHEET NUMBER L9.03



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SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	
	AGA FR3	Agave ovatifolia `Frosty Blue` Whale`s Tongue Agave	10 gal.	Pot	
A CAR	ART PO2	Artemisia x `Powis Castle` Powis Castle Artemisia	3 gal.		
*	BER THU	Berberis thunbergii Japanese Greenleaf Barberry	5 gal.		
0	BOU GRA	Bouteloua gracilis Blue Grama Grass	3 gal.		LIONHEART 1023 Springdale Road, Suite 6E, Austin, TX 78721
MANNAN CONTRACTION	COT COG	Cotinus coggygria Smoke Tree	25 gal.		O: 512.520.4488 WWW.LIONHEARTPLACES.COM
$\oplus$	DIE BIC	Dietes bicolor Fortnight Lily	5 gal.	Pot	
$\overline{\mathbf{\cdot}}$	FAT JPN	Fatsia japonica Japanese Fatsia	5 gal.	Pot	PAR
	FAT JP2	Fatsia japonica Japanese Fatsia	5 gal.	Pot	A A A
N. N	HES PAR	Hesperaloe parviflora Red Yucca	5 gal.		
	ILE BU2	llex cornuta `Burfordii` Burford Holly	5 gal.		
$\langle \cdot \rangle$	LEU FRU	Leucophyllum frutescens Texas Sage	5 gal.		REEK - CENTR 30% SCHEMATIC DESIGN KYLE, TEXAS
$\bigotimes$	LEU COM	Leucophyllum frutescens `Compacta` Compact Texas Ranger	5 gal.		
$\bigcirc$	LIG TEE	Ligularia tussilaginea `gigantea` Giant Leopard Plant	5 gal.	Pot	KYLE, TEXAS
(· )	MUH CAP	Muhlenbergia capillaris Pink Muhly Grass	5 gal.		
£€€	OPU MAC	Opuntia macrocentra Purple Pricklypear	5 gal.		30% H
$\overline{\cdot}$	PER LI9	Perovskia x `Little Spire` Russian Sage	5 gal.		U U U U
	PHL JER	Phlomis aurea Sinai Jerusalem Sage	5 gal.	Pot	Σ
٢	PLU AU2	Plumbago auriculata Blue Plumbago	2 gal.	Pot	DLC M M
	RHA IND	Rhaphiolepis indica Indian Hawthorn	5 gal.	Pot	
·	RHA AL2	Rhaphiolepis indica `Alba` White Indian Hawthorn	5 gal.		
	ROS OFF	Rosmarinus officinalis Rosemary	2 gal.	Pot	
JULLUL .	RUS EQU	Russelia equisetiformis Firecracker Plant	5 gal.	Pot	
5 · · · · · · · · · · · · · · · · · · ·	SAL LEU	Salvia leucantha Mexican Bush Sage	5 gal.	Pot	
ullet	STI TEN	Stipa tenacissima Mexican Feather Grass	3 gal.		DESCRIPTION
	TAX CUS	Taxus cuspidata Upright Japanese Yew	45 gal.		-2020
	TEU FRU	Teucrium fruticans Bush Germander	3 gal.		ISSUE DATE: 07-01-2020 REVISIONS
$\bigcirc$	THR TH3	Thryallis glauca Thryallis	3 gal.		ISSUE DATI REVISIONS # D
$\mathcal{D}$	TRA ASI	Trachelospermum asiaticum Asian Jasmine	3 gal.		
<->	VIB ODO	Viburnum odoratissimum Sweet Viburnum	3 gal.		PRELIMINARY NOT FOR
	YUC RUP	Yucca rupicola Texas Yucca	3 gal.		CONSTRUCTION Not for regulatory approval, permitting or construction.
					Rebecca Leonard 3038



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07-17-2020 005-007

SHEET NAME

UNDERSTORY

PLAN

REVIEWED: RL

ISSUED DATE:

PROJECT NO.: DRAWN: ML

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	SPECIFICATIONS, THE FINAL ( STANDARDS. THE CITY SPECI	TERIALS SHALL BE IN ACCORDANCE W GEOTECHNICAL REPORT AND ALL ISSU FICATIONS SHALL GOVERN WHERE OT , THE MORE RESTRICTIVE SPECIFICATI	ED ADDENDA, AND COMMONLY ACCI HER SPECIFICATIONS DO NOT EXIST	TANDARD DETAILS AND EPTED CONSTRUCTION . IN CASE OF CONFLICTING	<ol> <li>THE EROSION CONTROL DEVICES SHALL REMAIN II</li> <li>CONTRACTOR SHALL PROVIDE ADEQUATE EROSIO</li> <li>CONTRACTOR SHALL OBSERVE THE EFFECTIVENE MODIFICATIONS AS NEEDED TO PREVENT SEDIMEN EFFECTIVELY CONTROL EROSION AND PREVENT S NOTIFY THE ENGINEER.</li> <li>OFF-SITE SOIL BORROW, SPOIL, AND STORAGE AR</li> </ol>
A	<ol> <li>2. THE CONTRACTOR SHALL CO CITY. FOR INSTANCES WHER</li> <li>3. THE CONTRACTOR SHALL FUI CONSTRUCTION DOCUMENTS</li> <li>4. THE CONTRACTOR SHALL VIS</li> <li>5. THE EXISTING CONDITIONS SI SURVEYOR, AND ARE BASED</li> <li>6. THE CONTRACTOR SHALL RE</li> </ol>	MPLY WITH CITY (OR TOWN) "GENERAL E THEY CONFLICT WITH THESE KH GEN RNISH ALL MATERIAL AND LABOR TO C IN ACCORDANCE WITH THE APPROPR IT THE SITE PRIOR TO BIDDING TO DET HOWN ON THESE PLANS WERE PROVID ON THE BENCHMARKS SHOWN. THE C VIEW AND VERIFY THE EXISTING TOPO	NOTES" FOR CONSTRUCTION, IF EX NERAL NOTES, THEN THE MORE RES ONSTRUCT THE FACILITY AS SHOWN IATE AUTHORITIES' SPECIFICATIONS "ERMINE EXISTING CONDITIONS. DED BY THE TOPOGRAPHIC SURVEY ONTRACTOR SHALL REFERENCE THI GRAPHIC SURVEY SHOWN ON THE P	SISTING AND REQUIRED BY THE TRICTIVE SHALL APPLY. I AND DESCRIBED IN THE AND REQUIREMENTS. PREPARED BY THE PROJECT E SAME BENCHMARKS. ANS REPRESENTS EXISTING	ALSO COMPLY WITH THE EROSION CONTROL REQU CONTROL EROSION AND SEDIMENTATION AND THE TO FINAL APPROVAL OF THE PROJECT. CONTRACT INCLUDE BMPS FOR ANY OFF-SITE THAT ARE NOT 2. ALL STAGING, STOCKPILES, SPOIL, AND STORAGE WATER QUALITY. PROTECTIVE MEASURES SHALL OR ENCIRCLING THE AREA WITH AN APPROPRIATE 13. CONTRACTORS SHALL INSPECT ALL EROSION CON
	IMMEDIATELY. 7. IF THE CONTRACTOR DOES N THEN THE CONTRACTOR SHA SURVEYOR TO THE OWNER A 8. CONTRACTOR SHALL PROVID 9. CONTRACTOR SHALL VERIFY CONSTRUCTION OR STAKING 10. THE CONTRACTOR SHALL RE CONSTRUCTION. ANY DISCRE AND ENGINEER BEFORE COM APPROVAL OF THE ARCHITEC CHANGE ORDERS FOR WHICH	CONSTRUCTION, AND SHALL REPORT OT ACCEPT THE EXISTING TOPOGRAPI ALL SUPPLY AT THEIR OWN EXPENSE, A ND ENGINEER FOR REVIEW. E ALL CONSTRUCTION SURVEYING AN HORIZONTAL AND VERTICAL CONTROL OF IMPROVEMENTS. PROPERTY LINES VIEW AND VERIFY ALL DIMENSIONS, EL EPANCIES ON THE DRAWINGS SHALL B IMENCING WORK. NO FIELD CHANGES CT, ENGINEER, AND IF APPLICABLE THE I THE CITY, ENGINEER, AND OWNER W	HIC SURVEY AS SHOWN ON THE PLA TOPOGRAPHIC SURVEY BY A REGIS D STAKING. , INCLUDING BENCHMARKS PRIOR T S AND CORNERS SHALL BE HELD AS EVATIONS, AND FIELD CONDITIONS E IMMEDIATELY BROUGHT TO THE A OR DEVIATIONS FROM DESIGN ARE T CITY AND OWNER. NO CONSIDERAT	NS, WITHOUT EXCEPTION, STERED PROFESSIONAL LAND O COMMENCING THE HORIZONTAL CONTROL. THAT MAY AFFECT TTENTION OF THE ARCHITECT O BE MADE WITHOUT PRIOR ION WILL BE GIVEN TO NSTRUCTION OF THE	<ul> <li>WEEKLY AND WITHIN 24 HOURS OF ALL RAINFALL E THE SWPPP BOOKLET IF APPLICABLE, TO VERIFY T</li> <li>I4. CONTRACTOR SHALL CONSTRUCT A STABILIZED CO WITH CITY SPECIFICATIONS. CONTRACTOR SHALL ALL TIMES FOR ALL INGRESS/EGRESS.</li> <li>I5. SITE ENTRY AND EXITS SHALL BE MAINTAINED IN A DIRT ONTO OFF-SITE ROADWAYS. ALL SEDIMENT A BE REMOVED IMMEDIATELY.</li> <li>I6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVIN RESULT OF THE CONSTRUCTION, AS REQUESTED E OFF-SITE ROADWAYS.</li> <li>I7. WHEN WASHING OF VEHICLES IS REQUIRED TO RE STABILIZED WITH CRUSHED STONE THAT DRAINS IN CONTRACTOR OF CONTRACTOR IN A CONTRACTOR IN STABILIZED WITH CRUSHED STONE THAT DRAINS IN</li> </ul>
-	TO COMMENCING CONSTRUC CONSTRUCTION. 12.IT IS THE CONTRACTOR'S RES UTILITIES WITHIN OR NEAR TH UTILITIES PRIOR TO CONSTRU PRIOR TO BEGINNING CONST 13. CONTRACTOR SHALL CALL TE EXCAVATION. 14. CONTRACTOR SHALL USE EX UTILITIES. 15. THE LOCATIONS, ELEVATIONS	UGHLY CHECK COORDINATION OF CIVI TION. OWNER/ENGINEER SHALL BE NO PONSIBILITY TO CONTACT THE VARIO HE CONSTRUCTION AREA BEFORE COM JCTION. THE CONTRACTOR SHALL PRO RUCTION. EXAS 811 AN ADEQUATE AMOUNT OF TI TREME CAUTION AS THE SITE CONTAIN 5, DEPTH, AND DIMENSIONS OF EXISTIN MAPS AND PLANS. AND ARE CONSIDE	ITIFIED OF ANY DISCREPANCY PRIOF US UTILITY COMPANIES WHICH MAY IMENCING WORK TO HAVE THEM LOO IVIDE AN ADEQUATE MINIMUM NOTIC ME PRIOR TO COMMENCING CONST IS VARIOUS KNOWN AND UNKNOWN	AL, AND OTHER PLANS PRIOR TO COMMENCING WITH HAVE BURIED OR AERIAL CATE THEIR EXISTING TO ALL UTILITY COMPANIES RUCTION OR ANY PUBLIC AND PRIVATE WERE OBTAINED FROM	<ul> <li>18. CONTRACTOR SHALL INSTALL A TEMPORARY SEDII ACRES, PER TCEQ AND CITY STANDARDS. IF NO EI PLANS, THEN THE CONTRACTOR SHALL ARRANGE</li> <li>19. ALL FINES IMPOSED FOR SEDIMENT OR DIRT DISCH</li> <li>20. WHEN SEDIMENT OR DIRT HAS CLOGGED THE CON TRACKED ONTO A ROADWAY, THE AGGREGATE PA OPERATION SHALL NOT BE ALLOWED TO DRAIN DIF SEDIMENTATION. PERIODIC RE-GRADING OR NEW S CONSTRUCTION ENTRANCE.</li> <li>21. TEMPORARY SEEDING OR OTHER APPROVED STAE AREA, UNLESS ADDITIONAL CONSTRUCTION IN THE 22. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPI MATERIAL, AND TRASH AS CONSTRUCTION PROGR</li> <li>23. UPON COMPLETION OF FINE GRADING, ALL SURFACE</li> </ul>
B	CONTRACTORS' RESPONSIBIL SUFFICIENTLY IN ADVANCE O ENGINEER SHALL BE NOTIFIE 16. THE CONTRACTOR IS RESPOI CONFLICT WITH THE PROPOS PROPOSED GRADE, RELOCAT HORIZONTAL OR VERTICAL AL WITH A PROPOSED UTILITY, A THESE PLANS. 17. CONTRACTOR SHALL ARRANG UNDERGROUND POWER LINE 18. CONTRACTOR IS RESPONSIBI	LITY TO VERIFY THE PRESENCE, LOCAT F CONSTRUCTION SO THAT ADJUSTME D WHEN A PROPOSED IMPROVEMENT NSIBLE FOR COORDINATING ANY ADJU ED IMPROVEMENTS, INCLUDING BUT N ING EXISTING POLES AND GUY WIRES LIGNMENT OF EXISTING UNDERGROUN	TION, ELEVATION, DEPTH, AND DIMEN ENTS CAN BE MADE TO PROVIDE ADE CONFLICTS WITH AN EXISTING UTILIT STMENTS AND RELOCATIONS OF EXI IOT LIMITED TO, ADJUSTING EXISTING THAT ARE LOCATED IN PROPOSED D D UTILITIES TO ACCOMMODATE PRO INTERED THAT ARE UNKNOWN AT TH ALL GAS, TELECOMMUNICATIONS, C EDED. OF FRANCHISE UTILITIES THAT ARE	NSION OF EXISTING UTILITIES EQUATE CLEARANCES. THE TY. ISTING UTILITIES THAT G MANHOLES TO MATCH DRIVEWAYS, ADJUSTING THE POSED GRADE OR CROSSING HIS TIME AND NOT SHOWN ON CABLE, OVERHEAD AND	ACHIEVED WHEN THE AREA IS EITHER COVERED B PAVEMENT, OR A UNIFORM PERENNIAL VEGETATIV 24.AT THE CONCLUSION OF THE PROJECT, ALL INLETS THE CONSTRUCTION SHALL BE DREDGED, AND THI ACCORDANCE WITH APPLICABLE REGULATIONS. <b>STORM WATER DISCHARGE AUTHORIZATION:</b> 1. CONTRACTOR SHALL COMPLY WITH ALL TCEQ AND 2. CONTRACTOR SHALL COMPLY WITH THE REQUIRED POLLUTANT DISCHARGE ELIMINATION SYSTEM TXF 3. THE CONTRACTOR SHALL ENSURE THAT ALL PRIMA
	19. THE CONTRACTOR SHALL BE AND PRESERVE ALL UTILITIES INCURRED BECAUSE OF THE BRACE, SWING OR RELOCATE CONTRACTOR AND THEIR PEF 20.BRACING OF UTILITY POLES M TO THE POLES. THE COST OF THE COST IS INCIDENTAL TO 21.CONTRACTOR SHALL USE ALL LINES. CONTRACTOR SHALL TO WORK SETBACKS FROM P 22. THE CONTRACTOR SHALL BE CONSTRUCTION.	FULLY RESPONSIBLE FOR ALL DAMAG S. THE OWNER OR ENGINEER WILL ASS OPERATIONS IN THE VICINITY OF EXIS E A UTILITY, THE UTILITY COMPANY OR RMISSION OBTAINED REGARDING THE MAY BE REQUIRED BY THE UTILITY COM BRACING POLES WILL BE BORNE BY T THE PAY ITEM. NECESSARY SAFETY PRECAUTIONS T COMPLY WITH ALL APPLICABLE LOCAL OWER LINES. RESPONSIBLE TO OBTAIN ALL REQUIR	ES DUE TO THE CONTRACTORS' FAIL UME NO LIABILITY FOR ANY DAMAGE FING UTILITIES OR STRUCTURES. IF I DEPARTMENT AFFECTED SHALL BE METHOD TO USE FOR SUCH WORK. IPANIES WHEN TRENCHING OR EXCA THE CONTRACTOR, WITH NO SEPARA TO AVOID CONTACT WITH OVERHEAE , STATE, FEDERAL AND UTILITY OWN ED CONSTRUCTION PERMITS, APPRO	ES SUSTAINED OR COST T IS NECESSARY TO SHORE, CONTACTED BY THE AVATING IN CLOSE PROXIMITY ATE PAY ITEM FOR THIS WORK. O AND UNDERGROUND POWER ER REGULATIONS PERTAINING OVALS, AND BONDS PRIOR TO	<ul> <li>RECEIVING DISCHARGE FROM THE SITE.</li> <li>CONTRACTOR SHALL BE RESPONSIBLE FOR THE IN APPLICABLE, INCLUDING POSTING SITE NOTICE, IN BY THE TCEQ AND EPA (E.G. NOI).</li> <li>ALL CONTRACTORS AND SUBCONTRACTORS PROVI CONTRACTOR CERTIFICATION STATEMENT ACKNO</li> <li>A COPY OF THE SWPPP, INCLUDING NOI, SITE NOTI THE CITY BY THE CONTRACTOR AND SHALL BE RET</li> <li>A NOTICE OF TERMINATION (NOT) SHALL BE SUBMI DISTURBING ACTIVITIES AT THE SITE HAVE BEEN C UNPAVED AREAS AND AREAS NOT COVERED BY ST OPERATOR HAS OBTAINED ALTERNATIVE AUTHORI THE OPERATOR OF ANY MS4 RECEIVING DISCHARC</li> </ul>
	PLANS, GEOTECHNICAL REPO REQUIRED CONSTRUCTION P 24.ALL SHOP DRAWINGS AND OT SUFFICIENTLY IN ADVANCE O RESPONSE IS AVAILABLE. 25.ALL NECESSARY INSPECTION COMPANIES SHALL BE PERFO 26.CONTRACTOR SHALL ARRANG 27.CONTRACTOR'S BID PRICE SH 28.ALL SYMBOLS SHOWN ON THI ONLY AND ARE NOT TO SCALL INSPECTOR.	E. CONTRACTOR SHALL COORDINATE	Y SPECIFICATIONS, AND SPECIAL COI WPPP AND INSPECTION REPORTS. SINEER REVIEW SHALL BE SUBMITTEI HAT NO LESS THAN 10 BUSINESS DA BY CODES, JURISDICTIONAL AGENC Y AND THE FINAL CONNECTION OF SE RS, VALVES, INLETS, ETC) ARE FO FINAL SIZES AND LOCATIONS WITH A	NDITIONS, COPIES OF ANY D BY THE CONTRACTOR YS FOR REVIEW AND HES, AND/OR UTILITY SERVICE RVICES. R PRESENTATION PURPOSES	<ol> <li>DEMOLITION:</li> <li>KH IS NOT RESPONSIBLE FOR THE MEANS AND ME THIS PRELIMINARY DEMOLITION PLAN SIMPLY INDIVIDEMOLISHED AND REMOVED FROM THE SITE.</li> <li>KH DOES NOT WARRANT OR REPRESENT THAT THE PROVIDED BY OTHERS, SHOWS ALL IMPROVEMENT ACCURATELY, OR THAT THE UTILITIES SHOWN CAN SITE RECONNAISSANCE TO SCOPE ITS WORK AND AND PROCESS FOR THE REMOVAL OF THEIR FACIL</li> <li>THIS PLAN IS INTENDED TO GIVE A GENERAL GUIDE LEAVE THE SITE IN A STATE SUITABLE FOR THE CO IMPROVEMENTS, UTILITIES, ETC. TO ACCOMPLISH</li> </ol>
C	REFERENCE THE BUILDING PI WITHIN THE BUILDING FOOTP 30.REFER TO ARCHITECTURAL A 31.THE PROPOSED BUILDING FO THE PROJECT ARCHITECT AT BUILDING DESIGN WAS ONGO THE BUILDING FOOTPRINT WI COORDINATES SHOWN ON TH PRELIMINARY LOCATION OF T THE ARCHITECT'S FOOTPRINT POSITION ON THE SITE BASED AND/OR PLAT. ANY DIFFEREN 32.ALL CONSTRUCTION SHALL C SUBSEQUENT ADDENDA.	ND STRUCTURAL PLANS FOR ALL FINA OTPRINT(S) SHOWN IN THESE PLANS V THE TIME THESE PLANS WERE PREPA	RAL, MEP) FOR AREAS WITHIN 5-FEE L BUILDING DIMENSIONS. VAS PROVIDED TO KIMLEY-HORN AN RED. IT MAY NOT BE THE FINAL COR SPONSIBLE FOR CONFIRMING THE F ENGINEER PRIOR TO LAYOUT. DIME OVE STATED ARCHITECTURAL FOOTP DLELY RESPONSIBLE TO VERIFY WH ALL, MASONRY LEDGE, ETC) AND "PRINT, CIVIL DIMENSION CONTROL F KH IMMEDIATELY. COTECHNICAL REPORT (OR LATEST E	T OF THE BUILDING AND D ASSOCIATES, INC. (KH) BY RECT VERSION BECAUSE THE INAL CORRECT VERSION OF INAL CORRECT VERSION OF RINT, AND ARE THEREFORE A AT PART OF THE BUILDING TO CONFIRM ITS FINAL PLAN, SURVEY BOUNDARY	<ol> <li>CONTRACTOR IS STRONGLY CAUTIONED TO REVIE AND IMPLEMENTING THE DEMOLITION PLAN:</li> <li>ENVIRONMENTAL SITE ASSESSMENT PROVIDED BY</li> <li>ASBESTOS BUILDING INSPECTION REPORT(S) PRO</li> <li>GEOTECHNICAL REPORT PROVIDED BY THE OWNE</li> <li>OTHER REPORTS THAT ARE APPLICABLE AND AVAI</li> <li>CONTRACTOR SHALL CONTACT THE OWNER TO VE REPORTS HAVE BEEN PREPARED AND TO OBTAIN/I STARTING ANY WORK ON THE SITE.</li> <li>CONTRACTOR SHALL COMPLY WITH ALL LOCAL, ST THE SITE AND THE DISPOSAL OF THE DEMOLISHED THE SITE, DETERMINE THE APPLICABLE REGULATION K DOES NOT REPRESENT THAT THE REPORTS AN COMPREHENSIVE SHOWING ALL ITEMS THAT WILL</li> <li>SURFACE PAVEMENT INDICATED MAY OVERLAY OT FOUNDATIONS OR WALLS, THAT ARE ALSO TO BE F</li> </ol>
-	SPECIFICATIONS AND GEOTE TESTING MATERIALS. OWNER 34.ALL COPIES OF MATERIALS TI AGENCY. 35.IT SHALL BE THE CONTRACTO THE WORK CONSTRUCTED MI 36.DUE TO THE POTENTIAL FOR GEOTECHNICAL REPORT'S RE BUILDING. THE OWNER AND O FLATWORK ADJACENT TO THE 37.ALL CONTRACTORS MUST CO BE ALLOWED. ANY DAMAGE R 38.THE CONTRACTOR SHALL PRO		E PERFORMED BY AN APPROVED IND IATED BY THE CONTRACTOR FOR MA OWNER, ENGINEER AND ARCHITECT E STANDARD TESTING PROCEDURES ND CITY SPECIFICATIONS. EENT TO THE BUILDING, THE CONTRA PARATION SPECIFIC TO FLATWORK A GEOTECHNICAL ENGINEER RECO (ISTING. ( AREA. NO ENCROACHMENTS OUTS ITRACTOR'S SOLE RESPONSIBILITY T TILITIES, MANHOLES, POLES, GUY WII	EPENDENT AGENCY FOR ATERIALS TESTING. DIRECTLY FROM THE TESTING OF THE MATERIALS, THAT ACTOR SHALL ADHERE TO ADJACENT TO THE PROPOSED MMENDATION SPECIFIC TO DIDE OF THE WORK AREA WILL TO REPAIR. RES, VALVE COVERS, VAULT	<ul> <li>ANY DISCREPANCIES.</li> <li>CONTRACTOR SHALL OBTAIN ANY REQUIRED GRAD</li> <li>UNLESS OTHERWISE NOTED, PROPOSED CONTOUL SURFACE. IN LOCATIONS ALONG A CURB LINE, ADI CURB ELEVATION.</li> <li>PROPOSED SPOT ELEVATIONS AND CONTOURS OL</li> <li>PROPOSED CONTOURS ARE APPROXIMATE. PROPO</li> </ul>
D	39. THE CONTRACTOR SHALL IMM IMPROVEMENTS, INCLUDING I TREES, LANDSCAPING, AND IF 40. ALL AREAS IN EXISTING RIGH BETTER, INCLUDING AS NECE 41. THE CONTRACTOR SHALL SAI TO BE RELOCATED DURING C 42. CONTRACTOR SHALL MAINTA EXISTING DITCHES OR CULVE 43. THE CONTRACTOR IS RESPOI ENGINEER IN THE STATE OF T TRENCH SAFETY REQUIREME TRENCHES. NO OPEN TRENC		, SIGNS, PAVEMENT, CURBS, UTILITIE NAL CONDITION OR BETTER AT NO C RUCTION SHALL BE REPAIRED TO OF (ERTS, AND PAVEMENT. IGNS, WATER VALVES, FIRE HYDRAN ALL PHASES OF CONSTRUCTION, IN FIMES. NG A TRENCH SAFETY PLAN, PREPAF RUCTION. CONTRACTOR IS RESPONS TE, AND FEDERAL REQUIREMENTS, IN	ES, SIDEWALKS, GRASS, COST TO THE OWNER. RIGINAL CONDITION OR ITS, METERS, ETC THAT ARE S CLUDING MAINTAINING RED BY A PROFESSIONAL SIBLE FOR MAINTAINING NCLUDING OSHA FOR ALL L OF THE CITY.	<ul> <li>CONTRIBUTE TO THE TOP OF FINISHED GRADE. FO PAVEMENT SECTION.</li> <li>3. NO REPRESENTATIONS OF EARTHWORK QUANTITIL PROVIDE THEIR OWN EARTHWORK CALCULATION T VARIANCE FROM A BALANCED SITE SHALL BE IMME</li> <li>3. ALL GRADING AND EARTHWORK SHALL COMPLY W INCLUDING SUBSEQUENT ADDENDA.</li> <li>40. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INC WASTE RESULTING FROM SITE CLEARING AND GRI THE CONTRACTOR AT NO ADDITIONAL EXPENSE.</li> <li>41. EROSION CONTROL DEVICES SHOWN ON THE ERO OF GRADING. REFERENCE EROSION CONTROL PL/ REQUIREMENTS.</li> <li>42. BEFORE ANY EARTHWORK IS PERFORMED, THE CO</li> </ul>
-	46.THESE PLANS DO NOT EXTEN EMPLOYEES, AGENTS OR REF EXTEND TO ANY SUCH SAFET SAFETY PROCEDURES AND P 47.SIGNS RELATED TO SITE OPE 48.CONTRACTOR OFFICE AND ST CONSTRUCTION. CONTRACTO STORAGE, AND STAGING OPE 49.LIGHT POLES, SIGNS, AND OT 50.ALL SIGNS, PAVEMENT MARK TRAFFIC CONTROL DEVICES". 51.TOP RIM ELEVATIONS OF ALL	RATION OR SAFETY ARE NOT INCLUDE TAGING AREA SHALL BE AGREED ON B OR IS RESPONSIBLE FOR ALL PERMITT RATIONS AND LOCATIONS. HER OBSTRUCTIONS SHALL NOT BE PL INGS, AND OTHER TRAFFIC CONTROL I EXISTING AND PROPOSED MANHOLES	MS PERTAINING TO THE SAFETY OF E OF THE WORK. THE ENGINEER'S SE BE RESPONSIBLE FOR IMPLEMENTAT D IN THESE PLANS. Y THE OWNER AND CONTRACTOR PF ING REQUIREMENTS FOR THE CONS ACED IN ACCESSIBLE ROUTES. DEVICES SHALL CONFORM TO THE "T SHALL BE COORDINATED WITH TOP	EAL HEREON DOES NOT TON OF ALL REQUIRED	PROPERTY LINE AND SITE IMPROVEMENTS. THE CO LINE AND GRADE CONTROL POINTS RELATED TO E 13. CONTRACTOR TO DISPOSE OF ALL EXCESS EXCAV LAWS AND REGULATIONS. THE CONTRACTOR SHA THE RECEIVING LANDOWNER'S APPROVAL TO DO S 14. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND CONTRACTOR SHALL REFER TO LANDSCAPE ARCH 15. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DF EXISTING DITCHES OR CULVERTS FREE OF OBSTR 16. NO EARTHWORK FILL SHALL BE PLACED IN ANY EX ANY REASON OR ANY LENGTH OF TIME, UNLESS TH 17. TEMPORARY CULVERTS MAY BE REQUIRED IN SOM 18. REFER TO DIMENSION CONTROL PLAN, AND PLATE F
E	52.CONTRACTOR SHALL ADJUST MATCH ACTUAL FINISHED GR. 53.THE CONTRACTOR IS RESPOI OFFICIALS, INCLUDING BUILD 54.CONTRACTOR IS RESPONSIBI THE START OF CONSTRUCTIO 55.CONTRACTOR SHALL KEEP A THE PLANS. 56.THE CONTRACTOR SHALL BE DEVIATIONS AND VARIATIONS EROSION CONTROL:	ING OFFICIAL, ENGINEERING INSPECTO LE FOR PREPARATION, SUBMITTAL, AN DN, AND THEN THE IMPLEMENTATION C NEAT AND ACCURATE RECORD OF CO RESPONSIBLE FOR PROVIDING AS-BUI S FROM THESE PLANS MADE DURING C	S, FIRE HYDRANTS, AND OTHER UTIL CING AND PHASING, AND SHALL CON DR, AND FIRE MARSHALL TO LEARN C D APPROVAL BY THE CITY OF A TRAF OF THE PLAN. NSTRUCTION, INCLUDING ANY DEVIA LT PLANS TO THE ENGINEER AND CI ONSTRUCTION.	ITY APPURTENANCES TO TACT THE APPROPRIATE CITY 2 OF ANY REQUIREMENTS. FFIC CONTROL PLAN PRIOR TO ITIONS OR VARIANCES FROM 2 TY IDENTIFYING ALL	<ul> <li>19. THE CONTRACTOR SHALL CLEAR AND GRUB THE S ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL PLACEMENT.</li> <li>20. CONTRACTOR IS RESPONSIBLE FOR ALL SOILS TES TESTING SHALL BE COORDINATED WITH THE APPR SPECIFICATIONS AND THE GEOTECHNICAL REPOR FOR TESTING SOILS. THE OWNER SHALL APPROVE</li> <li>21. ALL COPIES OF SOILS TEST RESULTS SHALL BE SE AGENCY.</li> <li>22. IT SHALL BE THE CONTRACTORS RESPONSIBILITY WORK CONSTRUCTED MEETS THE PROJECT REQU</li> <li>23. THE SCOPE OF WORK FOR CIVIL IMPROVEMENT SH SHALL REFER TO THE GEOTECHNICAL REPORT AN DEPENDENTION IN THE PLUE DINC DAD</li> </ul>
-	<ul> <li>LAWS, AND ORDINANCES THA</li> <li>2. CONTRACTOR SHALL COMPLY POLLUTANT DISCHARGE ELIM</li> <li>3. EROSION CONTROL DEVICES OF LAND DISTURBANCE.</li> <li>4. ALL EROSION CONTROL DEVI PROJECT.</li> <li>5. CONTRACTOR IS SOLELY RES CONTROL DEVICES, BEST MA CONSTRUCTION AS FIELD CO</li> </ul>	CES ARE TO BE INSTALLED IN ACCORD PONSIBLE FOR INSTALLATION, IMPLEN NAGEMENT PRACTICES (BMPS), AND F	LAND DISTURBANCE. CEQ GENERAL PERMIT TO DISCHARG LAN FOR THE PROJECT SHALL BE IN PANCE WITH THE APPROVED PLANS A MENTATION, MAINTENANCE, AND EFF OR UPDATING THE EROSION CONTRO	GE UNDER THE TEXAS STALLED PRIOR TO THE START AND SPECIFICATIONS FOR THE ECTIVENESS OF ALL EROSION S OL PLAN DURING	PREPARATION IN THE BUILDING PAD. 24.DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL M GEOTECHNICAL REPORT'S RECOMMENDATION FOF BUILDING. THE OWNER AND CONTRACTOR ARE AD FLATWORK ADJACENT TO THE BUILDING, IF NONE I 25.CONTRACTOR SHALL ENSURE THAT SUFFICIENT PO PERIMETER OF THE PROPOSED BUILDING(S) DURIN OBSERVES THAT THIS WILL NOT BE ACHIEVED, THE 26.THE CONTRACTOR SHALL TAKE ALL AVAILABLE PR SPRINKLING WATER, OR BY OTHER MEANS APPRO' 27.CONTRACTOR SHALL COORDINATE WITH THE UTILL NEEDED FOR GRADING OPERATIONS AND TO ACCO
	EMPLOYED IN THE STORM WA	ATER POLLUTION PREVENTION PLAN (S E INSTALLED ON-SITE, TEMPORARY EF	WPPP) IF APPLICABLE.	E INSTALLED AT EACH INLET	ON THESE PLANS. CONTRACTOR SHALL REFER TO INFORMATION. 28.EXISTING TREE LOCATIONS SHOWN ON THESE PLA

(2)

CONTROL REQUIREMENTS FOR THIS PROJECT. THIS INCLUDES THE INSTALLATION OF BMP'S TO REGARDING EXISTING TREES TO BE REMOVED AND PRESERVED. ECT. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP AND EROSION CONTROL PLAN TO CONFIRMED IN WRITING THAT ONE IS NOT NEEDED FOR THE TREE(S). THAT ARE NOT ANTICIPATED OR SHOWN ON THE EROSION CONTROL PLAN. AND STORAGE SHALL BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM APPROPRIATE BARRIER

FROSION CONTROL DEVICES BMPS DISTURBED AREAS AND VEHICLE ENTRY AND EXIT AREAS ALL RAINEAU EVENTS OF 0.5 INCHES OR GREATER AND KEEP A RECORD OF THIS INSPECTION IN ANY AREAS OF POOR DRAINAGE ARE DISCOVERED. A STABILIZED CONSTRUCTION ENTRANCE AT ALL PRIMARY POINTS OF ACCESS IN ACCORDANCE RACTOR SHALL ENSURE THAT ALL CONSTRUCTION TRAFFIC USES THE STABILIZED ENTRANCE AT

ALL SEDIMENT AND DIRT FROM THE SITE THAT IS DEPOSITED ONTO AN OFF-SITE ROADWAY SHALL AT THE TOP AND BOTTOM OF THE WALL.

EQUIRED TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, IT SHALL BE DONE IN AN AREA

THAT DRAINS INTO AN APPROVED SEDIMENT TRAP BMP. MPORARY SEDIMENT BASIN FOR ANY ON-SITE DRAINAGE AREAS THAT ARE GREATER THAN 10 DARDS. IF NO ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN ON THESE HALL ARRANGE FOR AN APPROPRIATE DESIGN TO BE PROVIDED. FOR DIRT DISCHARGED FROM THE SITE SHALL BE PAID BY THE RESPONSIBLE CONTRACTOR. GGED THE CONSTRUCTION ENTRANCE VOID SPACES BETWEEN STONES OR DIRT IS BEING

AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASH-DOWN TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL ADING OR NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE

RUCTION IN THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE. DD HOUSEKEEPING PRACTICES DURING CONSTRUCTION, ALWAYS CLEANING UP DIRT, LOOSE UCTION PROGRESSES IER COVERED BY PERMANENT IMPERVIOUS STRUCTURES, SUCH AS BUILDINGS, SIDEWALK,

NAL VEGETATIVE COVER. EDGED, AND THE SEDIMENT GENERATED BY THE PROJECT SHALL BE REMOVED AND DISPOSED IN

ALL TO EQ AND EPA STORM WATER POLLUTION PREVENTION REQUIREMENTS. H THE REQUIREMENTS OF THE TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS

ON SYSTEM TXR 150000 THAT ALL PRIMARY OPERATORS SUBMIT A NOI TO TCEQ AT LEAST SEVEN DAYS PRIOR TO PROVIDE A COPY OF THE SIGNED NOI TO THE OPERATOR OF ANY MS4 (TYPICALLY THE CITY)

RACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN THE REQUIRED TEMENT ACKNOWI EDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP

ID SHALL BE RETAINED ON-SITE DURING CONSTRUCTION. HALL BE SUBMITTED TO TCEQ BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL E HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL COVERED BY STRUCTURES. A TRANSFER OF OPERATIONAL CONTROL HAS OCCURRED. OR THE IATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT SHALL BE PROVIDED TO 17. ALL JOINTS SHALL EXTEND THROUGH THE CURB. IVING DISCHARGE FROM THE SITE.

AN SIMPLY INDICATES THE KNOWN OBJECTS ON THE SUBJECT TRACT THAT ARE TO BE

SENT THAT THE PLAN, WHICH WAS PREPARED BASED ON SURVEY AND UTILITY INFORMATION IMPROVEMENTS AND UTILITIES. THAT THE IMPROVEMENTS AND UTILITIES ARE SHOWN ITS WORK AND TO CONFIRM WITH THE OWNERS OF IMPROVEMENTS AND UTILITIES THE ABILITY OF THEIR FACILITIES. GENERAL GUIDE TO THE CONTRACTOR. NOTHING MORE. THE GOAL OF THE DEMOLITION IS TO BLE FOR THE CONSTRUCTION OF THE PROPOSED DEVELOPMENT. REMOVAL OR PRESERVATION OF

D ACCOMPLISH THIS GOAL ARE THE RESPONSIBILITY OF THE CONTRACTOR. ONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING T PROVIDED BY THE OWNER

REPORT(S) PROVIDED BY THE OWNER D BY THE OWNER CABLE AND AVAILABLE

ABLE REGULATIONS, RECEIVE THE REQUIRED PERMITS AND AUTHORIZATIONS, AND COMPLY. IE REPORTS AND SURVEYS REFERENCED ABOVE ARE ACCURATE, COMPLETE, OR EMS THAT WILL NEED TO BE DEMOLISHED AND REMOVED.

AY OVERLAY OTHER HIDDEN STRUCTURES, SUCH AS ADDITIONAL LAYERS OF PAVEMENT, RE ALSO TO BE REMOVED.

INS BEFORE START OF CONSTRUCTION. THE CIVIL ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS. REQUIRED GRADING PERMITS FROM THE CITY

CURB LINE, ADD 6-INCHES (OR THE HEIGHT OF THE CURB) TO THE PAVING GRADE FOR TOP OF ) CONTOURS OUTSIDE THE PAVEMENT ARE TO TOP OF FINISHED GRADE.

SITION UNIFORMLY BETWEEN THE FINISHED ELEVATIONS SHOWN. IULCH, STONE, LANDSCAPING, RIP-RAP AND ALL OTHER SURFACE MATERIALS THAT WILL

VORK QUANTITIES OR SITE BALANCE ARE MADE BY THESE PLANS. THE CONTRACTOR SHALL CALCULATION TO DETERMINE THEIR CONTRACT QUANTITIES AND COST. ANY SIGNIFICANT

SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER. IALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION),

IN CONTROL PLAN, DETAILS, GENERAL NOTES, AND SWPPP FOR ADDITIONAL INFORMATION AND

ORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF THE PROJECT'S RELATED TO EARTHWORK

EXCESS EXCAVATION MATERIALS IN A MANNER THAT ADHERES TO LOCAL, STATE AND FEDERAL PROVAL TO DO SO.

R REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING NDSCAPE ARCHITECTURE PLANS FOR SPECIFICATIONS AND REQUIREMENTS FOR TOPSOIL. EQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING

REE OF OBSTRUCTIONS AT ALL TIMES. ACED IN ANY EXISTING DRAINAGE WAY, SWALE, CHANNEL, DITCH, CREEK, OR FLOODPLAIN FOR IME, UNLESS THESE PLANS SPECIFICALLY INDICATE THIS IS REQUIRED. QUIRED IN SOME LOCATIONS TO CONVEY RUN-OFF.

AN. AND PLAT FOR HORIZONTAL DIMENSIONS. FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO

WITH THE APPROPRIATE CITY INSPECTOR AND SHALL COMPLY WITH CITY STANDARD SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR SOILS TESTING. IS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING

ESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE SOILS, THAT THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS. CAL REPORT AND STRUCTURAL PLANS AND SPECIFICATIONS FILL, CONDITIONING, AND

RENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO DING. IF NONE IS CURRENTLY EXISTING I SUFFICIENT POSITIVE SLOPE AWAY FROM THE BUILDING PAD IS ACHIEVED FOR ENTIRE

ACHIEVED THE CONTRACTOR SHALL CONTACT THE ENGINEER TO REVIEW THE LOCATION AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY MEANS APPROVED BY THE CITY, AT NO ADDITIONAL COST TO THE OWNER.

SHALL REFER TO THE GENERAL NOTES "OVERALL" SECTION THESE PLANS FOR ADDITIONAL

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 APPROVED TREE PRESERVATION PLANS BY THE LANDSCAPE ARCHITECT. ID 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

19. ALL FIRE HYDRANTS, VALVES, TEES, BENDS, WYES, REDUCERS, FITTINGS, AND ENDS SHALL BE MECHANICALLY RESTRAINED AND/OR ATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED AREAS PRIOR 32.NO TREE SHALL BE REMOVED UNLESS A TREE REMOVAL PERMIT HAS BEEN ISSUED BY THE CITY, OR CITY HAS OTHERWISE THRUST BLOCKED TO CITY STANDARDS. 20.CONTRACTOR SHALL INSTALL A FULL SEGMENT OF WATER OR WASTEWATER PIPE CENTERED AT ALL UTILITY CROSSINGS SO THAT 33.NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE. THE JOINTS ARE GREATER THAN 9-FEET FROM THE CROSSING EXISTING TREES SHALL BE PRESERVED WHENEVER POSSIBLE AND GRADING IMPACT TO THEM HELD TO A MINIMUM. 21.ALL CROSSINGS AND LOCATIONS WHERE WASTEWATER IS LESS THAN 9-FEET FROM WATER, WASTEWATER CONSTRUCTION AND ASURES SHALL BE PROVIDED IF NEEDED TO ACCOMPLISH THIS REQUIREMENT, SUCH AS COVERING34. AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT MATERIALS SHALL COMPLY WITH TCEQ CHAPTER 217.53.

AREAS FOR EVIDENCE OF PONDING AND INADEQUATE SLOPE FOR DRAINAGE. ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE 22.ALL CROSSING AND LOCATIONS WHERE WATER IS LESS THAN 9-FEET FROM WASTEWATER, WATER CONSTRUCTION AND MATERIALS INTENDED STRUCTURE TO CONVEY STORMWATER RUNOFF. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND ENGINEER IF SHALL COMPLY WITH TCEQ CHAPTER 290.44. 23.ALL WATER AND WASTEWATER SHALL BE TESTED IN ACCORDANCE WITH THE CITY, AWWA, AND TCEQ STANDARDS AND SPECIFICATIONS. AT A MINIMUM, THIS SHALL CONSIST OF THE FOLLOWING: LE, TO VERIFY THAT THE DEVICES AND EROSION CONTROL PLAN ARE FUNCTIONING PROPERLY. 35. CONTRACTOR FIELD ADJUSTMENT OF PROPOSED SPOT GRADES IS ALLOWED, IF THE APPROVAL OF THE CIVIL ENGINEER IS OBTAINED. a. ALL WATERLINES SHALL BE HYDROSTATICALLY TESTED AND CHLORINATED BEFORE BEING PLACED INTO SERVICE. CONTRACTOR SHALL COORDINATE WITH THE CITY FOR THEIR REQUIRED PROCEDURES AND SHALL ALSO COMPLY WITH TCEQ REGULATIONS.

RETAINING WALLS

2. RETAINING WALL TYPE OR SYSTEM SHALL BE SELECTED BY THE OWNER.

S REQUESTED BY OWNER AND CITY. AT A MINIMUM, THIS SHOULD OCCUR ONCE PER DAY FOR THE STRUCTURAL DESIGN AND PERMITTING OF RETAINING WALLS, RAILINGS, AND OTHER WALL SAFETY DEVICES SHALL BE PERFORMED BY A LICENSED ENGINEER AND ARE NOT PART OF THIS PLAN SET. 4. RETAINING WALL DESIGN SHALL MEET THE INTENT OF THE GRADING PLAN AND SHALL ACCOUNT FOR ANY INFLUENCE ON ADJACENT 25. DUCTILE IRON PIPE SHALL BE PROTECTED FROM CORROSION BY A LOW-DENSITY POLYETHYLENE LINER WRAP THAT IS AT LEAST A BUILDING FOUNDATIONS, UTILITIES, PROPERTY LINES AND OTHER CONSTRUCTABILITY NOTES. 5. RETAINING WALL ENGINEER SHALL CONSULT THESE PLANS AND THE GEOTECHNICAL REPORT FOR POTENTIAL CONFLICTS

1. 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. 2. ALL PRIVATE ON-SITE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION). INCLUDING ALL ADDENDA.

PPROVED STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE OF ANY 3. ALL FIRELANE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARDS AND DETAILS. IF THESE ARE DIFFERENT THAN THOSE IN THE GEOTECHNICAL REPORT, THEN THE MORE RESTRICTIVE SHALL BE FOLLOWED. 4. ALL PUBLIC PAVING AND PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS. 30. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER. 5 CONTRACTOR IS RESPONSIBLE FOR ALL PAVING AND PAVING SUBGRADE TESTING AND CERTIFICATION. UNLESS SPECIFIED ING, ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. STABILIZATION IS 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. ECT. ALL INLETS, DRAIN PIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES AFFECTED BY 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. 7. 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 ELATWORK ADJACENT TO THE BUILDING JE 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. 9. PRIVATE CURB RAMPS ON THE SITE (I.E. OUTSIDE PUBLIC STREET RIGHT-OF-WAY) SHALL CONFORM TO ADA AND TAS STANDARDS. APPLICABLE), OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION. 10. ALL ACCESSIBLE RAMPS, SURB 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 IBLE FOR THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF WITH THE FAIR HOUSING ACT DESIGN MANUAL BY THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT. SITE NOTICE, INSPECTIONS, DOCUMENTATION, AND SUBMISSION OF ANY INFORMATION REQUIRED 12. CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT TO MATCH EXISTING PAVEMENT WITH A SMOOTH, FLUSH, CONNECTION. 13. CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR FIRE LANES, PARKING STALLS, HANDICAPPED PARKING 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

S NOI, SITE NOTICE, CONTRACTOR CERTIFICATIONS, AND ANY REVISIONS, SHALL BE SUBMITTED TO 14. REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT PLAN REQUIREMENTS FOR PRIVATE PAVEMENT 15. REFER TO CITY STANDARD DETAILS AND SPECIFICATIONS FOR JOINT LAYOUT PLAN REQUIREMENTS FOR PUBLIC 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

18. THE MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS SHALL BE 2 FEET.

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. MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS DEMOLITION PLAN. 21. FIRE LANES SHALL BE MARKED AND LABELED AS A FIRELANE PER CITY STANDARDS. 22.UNLESS THE PLANS SPECIFICALLY DICTATE TO THE CONTRARY, ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE ORIENTED SO

- 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. IES SHOWN CAN BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ITS OWN 24.BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA, TAS, AND FHA) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE 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. 25.CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT 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 STORM DRAINAGE

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

- SPECIFICATIO ND TO OBTAIN/REVIEW/AND COMPLY WITH THE RECOMMENDATION OF SUCH STUDIES PRIOR TO 2. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM SEWER. ALL LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING THE DEMOLITION OF OBJECTS ON 3. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM
- HE DEMOLISHED MATERIALS OFF-SITE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW SEWER FACILITIES THAT ARE TO BE CONNECTED TO, PRIOR TO START OF CONSTRUCTION OF ANY STORM SEWER, AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED 4. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION
  - OF CURB INLETS AND GRATE INLETS AND ALL UTILITIES CROSSING THE STORM SEWER. 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. SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS 7. ALL PRIVATE STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING 8. ALL PVC TO RCP CONNECTIONS AND ALL STORM PIPE CONNECTIONS ENTERING STRUCTURES OR OTHER STORM PIPES SHALL HAVE
- A CONCRETE COLLAR AND BE GROUTED TO ASSURE THE CONNECTION IS WATERTIGHT. 20SED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREA REFLECT TOP OF PAVEMENT 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 IXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN CASE OF 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.
- OWN ARE ELEVATIONS OF TOP OF THE FINISHED SURFACE. WHEN PERFORMING THE GRADING 13.EMBEDMENT FOR ALL STORM SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS.
- HALL PROVIDE AN APPROPRIATE ELEVATION HOLD-DOWN ALLOWANCE FOR THE THICKNESS OF 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.

HED GRADE. FOR EXAMPLE, THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF THE 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.

AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL 1. ANY PONDS THAT ARE INTENDED TO HOLD WATER INDEFINITELY SHALL BE CONSTRUCTED WATERTIGHT. EARING AND GRUBBING SHALL BE REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED BY 2. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR

POND LINER SPECIFICATIONS. VN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START3. A GEOTECHNICAL ENGINEER SHALL REVIEW AND APPROVE ALL POND LINER MATERIAL, PLACEMENT PROCEDURES, AND PROVIDE TESTING TO ENSURE THE POND LINER MATERIAL PLACED IS WATERTIGHT.

- 4. STORM SEWER PIPES AND HEADWALLS THAT CONNECT TO A POND INTENDED TO HOLD WATER INDEFINITELY SHALL BE INSTALLED WITH WATERTIGHT JOINTS TO AT LEAST 1-FOOT ABOVE THE NORMAL POOL WATER SURFACE ELEVATION.
- EMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR 5. ANY GRAVEL OR OTHER PERVIOUS EMBEDMENT AROUND PIPES OR OUTFALL STRUCTURES NEAR THE POND SHALL BE ELIMINATED 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 NTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH 6. FOR ANY PONDS INTENDED TO HOLD WATER INDEFINITELY: THE WATER LEVEL FOLLOWING COMPLETION AND FILLING OF THE POND
  - 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. WATER AND WASTEWATER

. ALL WATER AND WASTEWATER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS

- ND GRUB THE SITE AND PLACE, COMPACT, AND CONDITION FILL PER THE PROJECT GEOTECHNICAL2. 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. R ALL SOILS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL SOILS 3. CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITY SERVICES ENTERING THE BUILDING.
- CHNICAL REPORT. SOILS TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY4. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF ALL UTILITY CROSSINGS PRIOR TO THE INSTALLATION OF ANY PIPE. 5. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE WATER AND WASTEWATER IMPROVEMENTS. 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 PROVEMENT SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. CONTRACTOR PLUMBING CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.
- 8. FIRE SPRINKLER LINES SHALL BE DESIGNED AND INSTALLED BY A LICENSED FIRE SPRINKLER CONTRACTOR, AND COMPLY TO THE 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. MENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED 9. EMBEDMENT FOR ALL WATER AND WASTEWATER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS.
- RACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO 10. CONTRACTOR SHALL TAKE REQUIRED SANITARY PRECAUTIONS, FOLLOWING ANY CITY, TCEQ, AND AWWA STANDARDS, TO KEEP WATER PIPE AND FITTINGS CLEAN AND CAPPED AT TIMES WHEN INSTALLATION IS NOT IN PROGRESS. 11. CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL WATER AND WASTEWATER LINES. ILDING(S) DURING GRADING OPERATIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR 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 WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS SURROUNDING PROPERTIES.
- IS AND TO ACCOMMODATE PROPOSED GRADE. INCLUDING THE UNKNOWN UTILITIES NOT SHOWN 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.

I ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES FOUND16. 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 PAVEMENT 18. THE ENDS OF ALL EXISTING WATER MAINS THAT ARE CUT, BUT NOT REMOVED, SHALL BE PLUGGED AND ABANDONED IN PLACE. THIS WORK SHALL BE CONSIDERED AS A SUBSIDIARY COST TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

b. WASTEWATER LINES AND MANHOLES SHALL BE PRESSURE TESTED. CONTRACTOR SHALL COORDINATE WITH THE CITY FOR THEIR MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING AND FLOWING OF SEDIMENT AND 1. RETAINING WALLS SHOWN ARE FOR SITE GRADING PURPOSES ONLY, AND INCLUDE ONLY LOCATION AND SURFACE SPOT ELEVATIONS REQUIRED PROCEDURES AND SHALL ALSO COMPLY WITH TCEQ REGULATIONS. AFTER COMPLETION OF THESE TESTS, A TELEVISION INSPECTION SHALL BE PERFORMED AND PROVIDED TO THE CITY AND OWNER ON A DVD. 24.CONTRACTOR SHALL INSTALL DETECTABLE WIRING OR MARKING TAPE A MINIMUM OF 12" ABOVE WATER AND WASTEWATER E FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS THAT ARE A 3. RETAINING WALL DESIGN SHALL BE PROVIDED BY OTHERS AND SHALL BE LABELED "CAUTION - WATER LINE", OR "CAUTION - SEWER LINE". DETECTABLE WIRING AND

MARKING TAPE SHALL COMPLY WITH CITY STANDARDS, AND SHALL BE INCLUDED IN THE COST OF THE WATER AND WASTEWATER PIPF 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.

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 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.

BBREVIATIONS AND DEFINITION



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A	AREA	
ADA	AMERICANS WITH DISABILITIES ACT	
AWWA B-B	AMERICAN WATER WORKS ASSOCIATION BACK TO BACK	
BC	BEGIN CURVE	
BC	BACK OF CURB	
BCR BMP	BEGIN CURB RETURN BEST MANAGEMENT PRACTICE	
BOC	BACK OF CURB	
BVCE		
BVCS BW	BEGIN VERTICAL CURVE STATION BOTTOM OF WALL	
CFS	CUBIC FEET PER SECOND	
CITY C/L	CITY, TOWN, OR OTHER APPLICABLE LOCAL GOVERNMENT	JURISDICTION
CL	CENTERLINE	
CONC	CONCRETE	
CY DEMO	CUBIC YARD DEMOLITION	
DG	DECOMPOSED GRANITE	
DTL	DETAIL	
EA EC	EACH END CURVE	
ECR	END CURB RETURN	
EG EL	EXISTING GROUND ELEVATION	
ELEC	ELECTRICAL / ELECTRICITY	
ELEV	ELEVATION	
EPA ESMT	UNITES STATES ENVIRONMENTAL PROTECTION AGENCY EASEMENT	
EVCE	END VERTICAL CURVE ELEVATION	
EVCS	END VERTICAL CURVE STATION	
EX. F-F	EXISTING FACE TO FACE	
FG	FINISHED GROUND	
FH		
FL FOC	FLOW LINE FACE OF CURB	
FT	FEET	
HGL KH	HYDRAULIC GRADE LINE KIMLEY-HORN AND ASSOCIATES, INC.	
KHA	KIMLEY-HORN AND ASSOCIATES, INC.	
LAT		
LF LT	LINEAR FEET LEFT	
MAX	MAXIMUM	
ME	MATCH EXISTING ELEVATION	
MH MIN	MANHOLE MINUTE / MINIMUM	
NO	NUMBER	
NOI NOT	NOTICE OF INTENT, REF. TCEQ GENERAL PERMIT NOTICE OF TERMINATION, REF. TCEQ GENERAL PERMIT	
NTS	NOT TO SCALE	
00	ON CENTER	
OFF OSHA	OFFSET OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	
PC	POINT OF CURVATURE	
PCC	PORTLAND CEMENT CONCRETE / POINT OF COMPOUND CUI PROPOSED GRADE LINE	RVATURE
PGL PI	POINT OF INFLECTION	
PROP	PROPOSED	
PRC PSI	POINT OF REVERSE CURVATURE POUNDS PER SQUARE INCH	
PT	POINT OF TANGENCY	
PVC	POLYVINYL CHLORIDE	
PVI PVMT	POINT OF VERTICAL INFLECTION PAVEMENT	
RCP	REINFORCED CONCRETE PIPE	
ROW RT	RIGHT OF WAY RIGHT	
SF	SQUARE FEET	
SS	SANITARY SEWER	
SSMH STA	SANITARY SEWER MANHOLE STATION	
STD	STANDARD	
SY		
TAS TC	ARCHITECTURAL BARRIERS TEXAS ACCESSIBILITY STANDA TOP OF CURB	сus
TCEQ	TEXAS COMMISSION OF ENVIRONMENTAL QUALITY	
TEMP	TEMPORARY TEXAS DEPARTMENT OF TRANSPORTATION	
TXDOT TXMUTCD	TEXAS DEPARTMENT OF TRANSPORTATION TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES	
τw	TOP OF WALL	
TYP VC	TYPICAL VERTICAL CURVE	
WTR	WATER	BENCHMARKS
WW	WASTEWATER	
		BM 64686
		Divi 04000 N: 13023520 /6

N· 13923529.46

E: 2323257.04

N: 13923561.89

E: 2323624.69

LAT: N030° 01' 45.9" LON: W097° 52' 39.9"

BM 64685

LAT: N030° 01' 45.6"

LON: W097° 52' 44.0"

ELEV.= 794.13'(NAVD 8

(FOUND MAG NAIL & DISC)

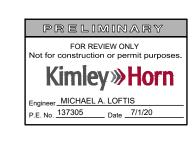
ELEV.= 791.44'(NAVD 88

(FOUND MAG NAIL & DISC)

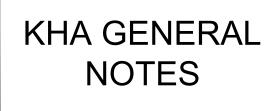
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Call before you di

# SEAL

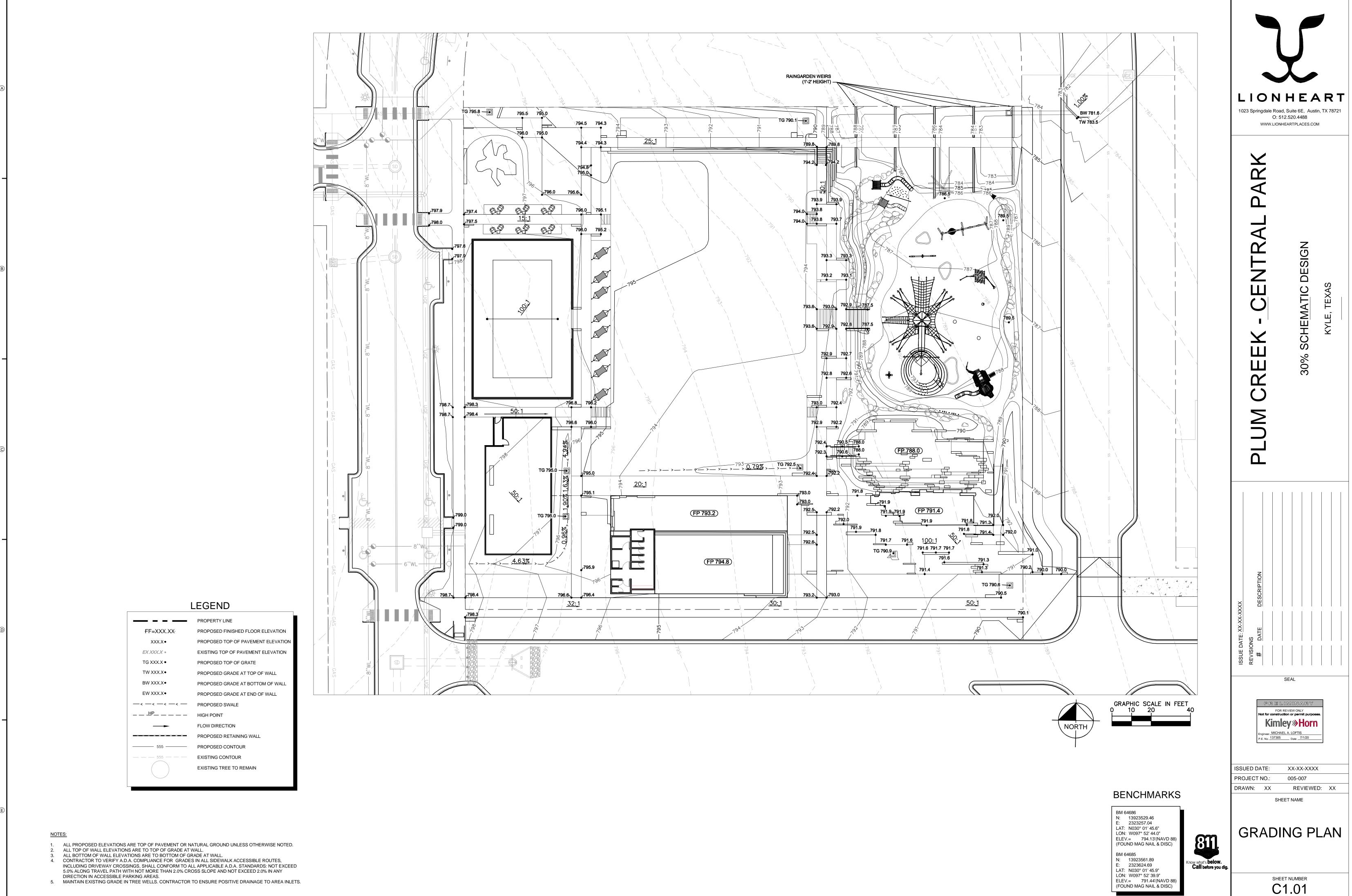


ISSUED DATE: XX-XX-XXXX PROJECT NO .: 005-007 DRAWN: XX REVIEWED: XX SHEET NAME

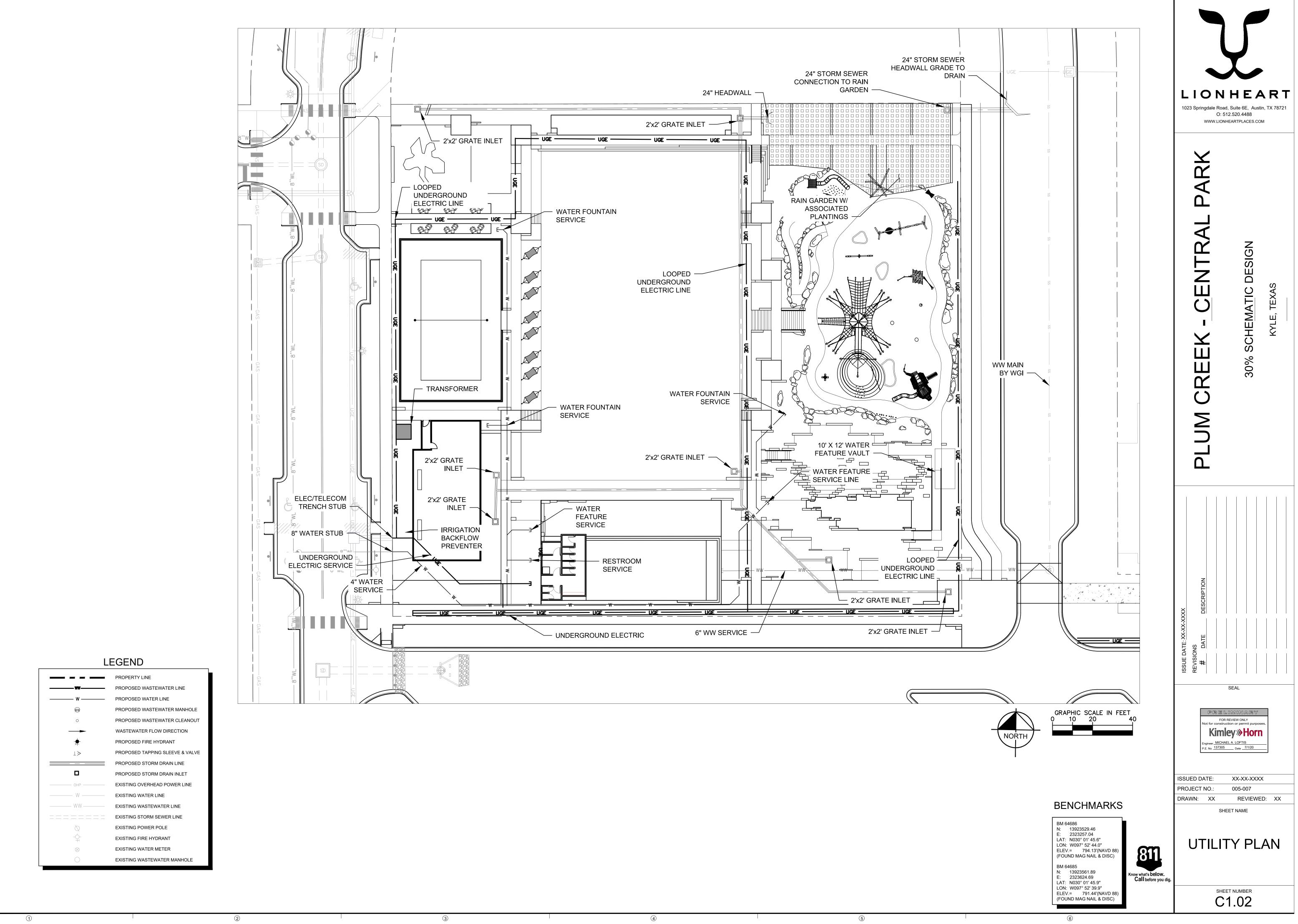


SHEET NUMBER

C0.01



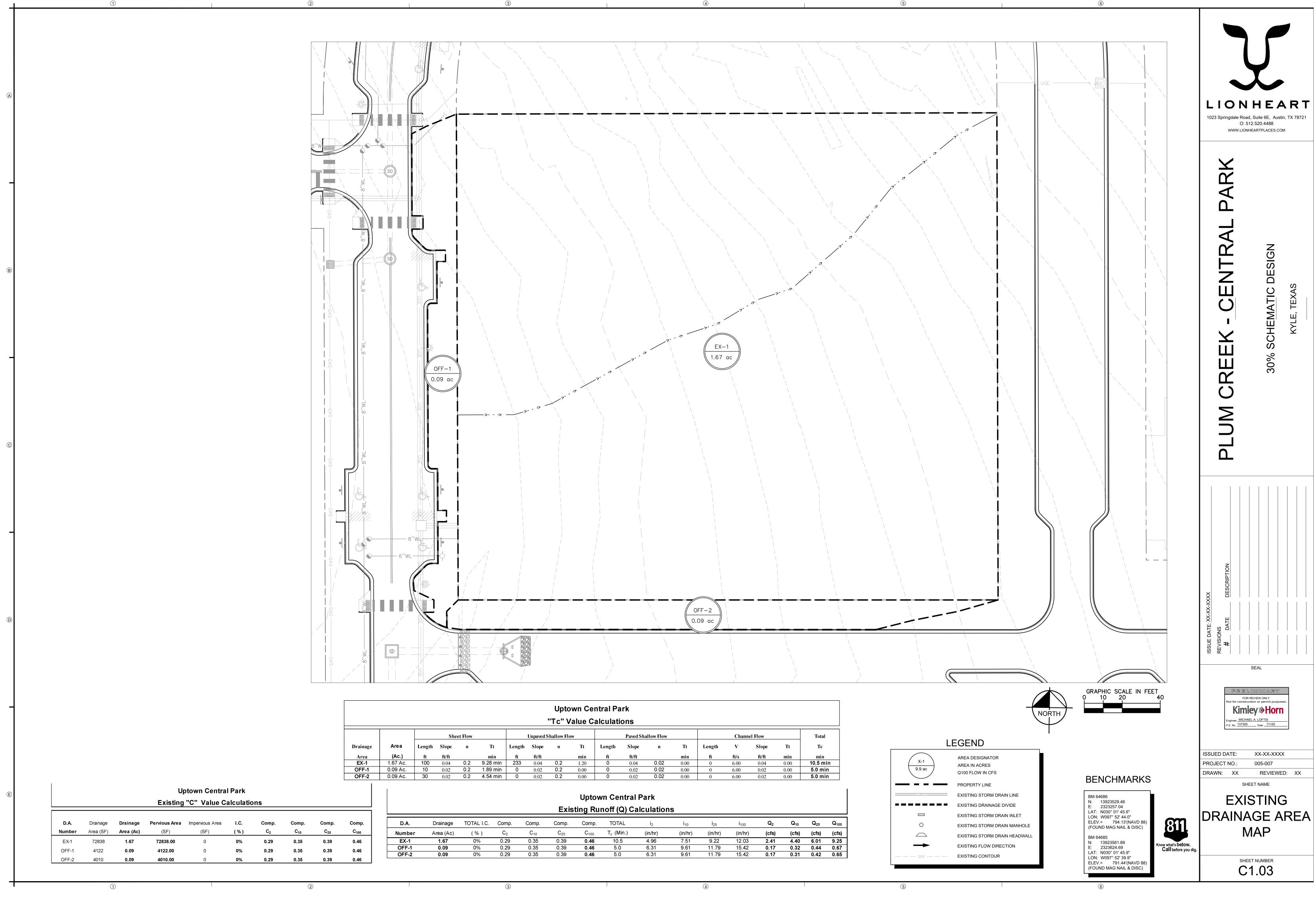
,'SAU_





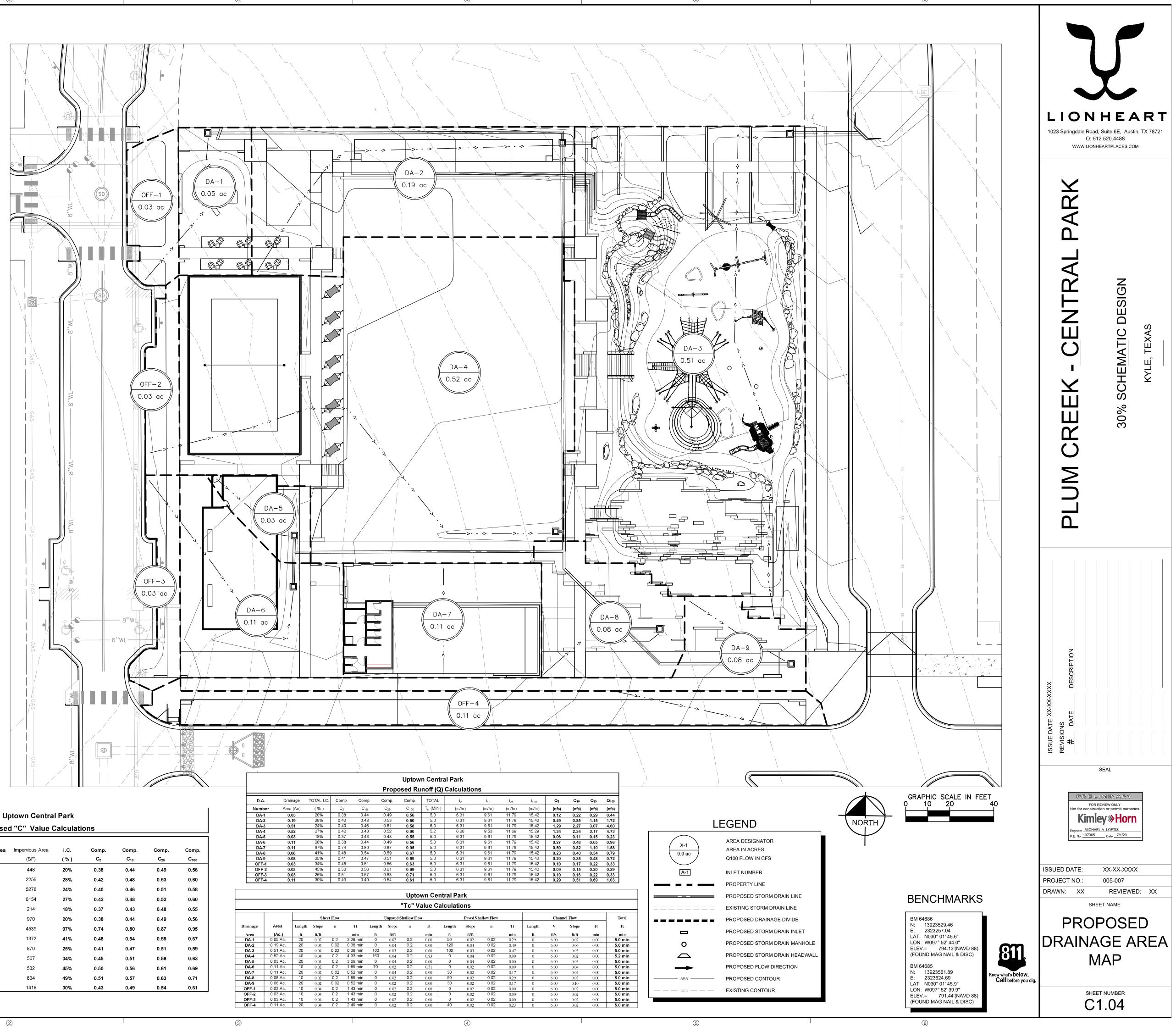




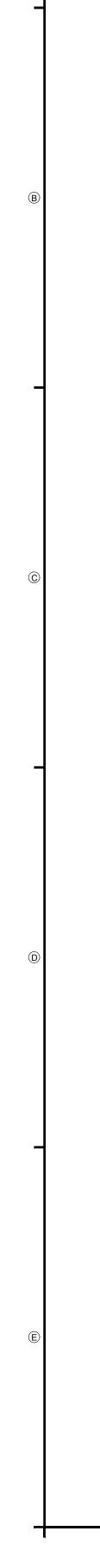


						•		ntral Pa alculati								
	She	et Flow			Unpaved S	Shallow Flo	ow		Paved Sha	llow Flow			Chanr	nel Flow		Total
gth	Slope	n	Tt	Length	Slope	n	Tt	Length	Slope	n	Tt	Length	V	Slope	Tt	Тс
	ft/ft		min	ft	ft/ft		min	ft	ft/ft		min	ft	ft/s	ft/ft	min	min
0	0.04	0.2	9.28 min	233	0.04	0.2	1.20	0	0.04	0.02	0.00	0	6.00	0.04	0.00	10.5 min
)	0.02	0.2	1.89 min	0	0.02	0.2	0.00	0	0.02	0.02	0.00	0	6.00	0.02	0.00	5.0 min
)	0.02	0.2	4.54 min	0	0.02	0.2	0.00	0	0.02	0.02	0.00	0	6.00	0.02	0.00	5.0 min

	Existing Runoff (Q) Calculations														
Drainage	orainage TOTAL I.C. Comp. Comp. Comp. Comp. TOTAL i ₂ i ₁₀ i ₂₅ i ₁₀₀ <b>Q₂ Q₁₀ Q₂₅ Q₁₀₀</b>														
Area (Ac)	(%)	C ₂	C ₁₀	C ₂₅	C ₁₀₀	T _c (Min.)	(in/hr)	(in/hr)	(in/hr)	(in/hr)	(cfs)	(cfs)	(cfs)	(cfs)	
1.67	0%	0.29	0.35	0.39	0.46	10.5	4.96	7.51	9.22	12.03	2.41	4.40	6.01	9.25	
0.09	0%	0.29	0.35	0.39	0.46	5.0	6.31	9.61	11.79	15.42	0.17	0.32	0.44	0.67	
0.09	0%	0.29	0.35	0.39	0.46	5.0	6.31	9.61	11.79	15.42	0.17	0.31	0.42	0.65	



			U	otown Centra	l Park		
			Propose	d "C" Value C	alculati	ons	
D.A. Number	Drainage Area (SF)	Drainage Area (Ac)	Pervious Area (SF)	Impervious Area (SF)	I.C. (%)	Comp. C ₂	Comp. C ₁₀
DA-1	2226	0.05	1778.00	448	20%	0.38	0.44
DA-2	8063	0.19	5807.00	2256	28%	0.42	0.48
DA-3	22415	0.51	17137.00	5278	24%	0.40	0.46
DA-4	22501	0.52	16347.00	6154	27%	0.42	0.48
DA-5	1190	0.03	976.00	214	18%	0.37	0.43
DA-6	4968	0.11	3998.00	970	20%	0.38	0.44
DA-7	4680	0.11	141.00	4539	97%	0.74	0.80
DA-8	3354	0.08	1982.00	1372	41%	0.48	0.54
DA-9	3443	0.08	2573.00	870	25%	0.41	0.47
OFF-1	1484	0.03	977.00	507	34%	0.45	0.51
OFF-2	1182	0.03	650.00	532	45%	0.50	0.56
OFF-3	1297	0.03	663.00	634	49%	0.51	0.57
OFF-4	4756	0.11	3338.00	1418	30%	0.43	0.49



## ABBREVIATIONS

(1)

A.F.F. ACOUS. ADD. ADH. ADJ. ADJT. AGG. ALT. ALUM. APPD. APPRO) ARCH.	ABOVE ABOVE FINISHED FLOOR ACOUSTIC ADDITION ADHESIVE ADJACENT ADJUSTABLE AGGREGATE ALTERNATE ALUMINUM APPROVED (APPROXIMATE ARCHITECT(URAL) AVERAGE
B.U.R. BD. BEL. BET. BLKG. BM. BOT. BRZ.	BOTH SIDES BUILT-UP ROOF BOARD BELOW BETWEEN BLOCKING BEAM BOTTOM BRONZE BASEMENT
C.M.U. C.O. C.T. C.W. CTL. CAB. CEM. CER. CHAM. CIR. CLG. CLO. CLR. CNTR. COL. COMB. COMP. COMP. COMP. CONST. CONT. CONT. CONT. CORR. CPT. CSMT.	CAST-IN-PLACE CONCRETE CONCRETE MASONRY UNIT CLEAN OUT CERAMIC TILE COLD WATER JT. CONTROL JOINT CABINET CEMENT CERAMIC CHAMFER CIRCLE CAULK(ING) CEILING CLOSET CLEAR(ANCE) COUNTER COLUMN COMBINATION COMPRESS(ED), (ION), (IBLE) CONCRETE CONNECTION (COMPOSITE) CONCRETE CONNECTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONTINUOUS CORRUGATED CARPET (ED) CASEMENT CENTER
D.H. DBL. DEM. DIAG. DIA. DIM. DISP. DIV. DN. DR. DR. DS. DTL. DW. DWG.	DRINKING FOUNTAIN DOUBLE HUNG DOUBLE DEMOLISH, DEMOLITION DIAGONAL DIAMETER DIMENSION DISPENSER DIVISION
E.P. EA. ELEV. EQ.	ELECTRIC DRINKING FOUNTAIN ELECTRICAL PANELBOARD EACH ELEC. ELECTRIC(AL) ELEVATION EQUIVALENT EQUIPMENT
F.B.O. F.D. F.E. F.F.E. F.O.F. F.O.S. F.R. F.S. FAS. FGL. FIG. FIN. FIN. FLUOR. FLUOR. FLR.	FASTEN(ER) FIBERGLASS

G.C. G.I. GA. GD. GL. GWB. GYP. GYP.D.W GYP.BD.	GRAB BAR GENERAL CONTRACTOR GALVANIZED IRON GAUGE GALVANIZED GRADE, GRADING GLASS, GLAZING GYPSUM WALLBOARD GYPSUM DRYWALL GYPSUM BOARD GYPSUM PLASTER
H.C. H.M. H.V.A.C. H.W. HDR. HDW. HK. HORIZ. HR. HT. HTG. HWD.	HOSE BIB HOLLOW CORE HOLLOW METAL HEAT/VENT/AIR CONDITIONING HOT WATER HEADER HARDWARE HOOK(S) HORIZONTAL HOUR HEIGHT HEATING HARDWOOD HOT WATER HEATER
IN. INCL. INS.	INSIDE DIAMETER ILLUSTRATE(ION) INCH INCLUDE(D), (ING) INSULATE(D), (ING) INTERIOR
JT. L. L.H. LAM. LAV. LT. LTL. LVR. LW.	LENGTH LEFT HAND LAMINATE LAVATORY
MAX. MBR. MECH. MED. MFR. MIR. MIN. MIR. MISC. MLD. MO. MOV. MT. MTL.	MINERAL CORE MAXIMUM MEMBER MECHANICAL MEDIUM MANUFACTURER MANHOLE MINIMUM MIRROR MISCELLANEOUS MOLDING, MOULDING MONTH MOVABLE MOUNT(ED), (ING) METAL MULLION
N.R. N.R.C. N.T.S. NO.	NOT IN CONTRACT NOISE REDUCTION NOISE REDUCTION COEFFICIENT NOT TO SCALE NUMBER NOMINAL
oh. Opng. Opp.	ON CENTER OUTSIDE DIAMETER OVERHEAD OPENING OPPOSITE OPPOSITE HAND
ORIG.	ORIGINAL
P.T.D. P.T.R. P.BD. P.LAM. PERF. PERI. PERP. PK. PL. PLAS. PWD. PNT. PR.	PAIR
PT.	POINT

(2)

PV.

PAVE(ING)

PVC. POLYVINYL CHLORIDE

PTN. PARTITION

PVMT. PAVEMENT

RISER

R.O.W. RIGHT OF WAY

RADIUS

ROOFING

REMOVE

RETURN

ROOM

SCHED. SCHEDULE(D) SEC. SECTION

SHEET

SIMILAR

SEALANT

SPEAKER

SQUARE

STREET

STRUCTURAL

STANDARD

SUSPENDED

SYSTEM

THAT IS

TREAD

T.O.S. TOP OF STRUCTURE

T.PTN. TOILET PARTITION

TELEPHONE

TEMPERATURE

T.P.D. TOILET PAPER DISPENSER

T.O.C. TOP OF CURB

T.O.STL. TOP OF STEEL

STEEL

STOR. STORAGE

SOUNDPROOF

SPECIFICATION(S)

STAINLESS STEEL

REVISION

S.C.W. SOLID CORE WOOD

SHEATHING

STORM DRAIN

SHELF(VES), (VING)

RESILIENT

REFERENCE

REFRIGERATOR

REVERSE(SIDE)

**RETURN AIR** 

ROOF DRAIN

RIGHT HAND

ROUGH OPENING

REFLECT(ED), (IVE), (OR)

R.

R.A.

R.D.

R.H.

R.O.

RAD.

RFG.

RFL.

REF.

REFR.

REM.

RES.

RET.

REV.

RM.

RVS.

S.D.

SH.

SHTH.

SHT.

SIM.

SNT.

SPK.

SQ.

S.S.

ST.

STL.

STR.

STD.

SUSP. SYS.

I.E.

Т

TEL.

TEMP.

THK.

THR.

UR.

V.B.

VEST.

VNR.

VOL.

W.

W.C.

W.H.

W.M.

W.S.

WD.

WP.

WT.

W.I.

SPEC.

SP.

# SHEET NUMBERING

#### A401

EACH SHEET OF DRAWINGS IS NUMBERED IN THE LOWER RIGHT HAND CORNER. SHEETS ARE NUMBERED FIRST BY SECTION LETTER THEN BY SHEET NUMBER WITHIN THE SECTION. FOR EXAMPLE, SHEET A401 REPRESENTS SHEET 401 WITHIN THE ARCHITECTURAL SECTION.

#### DRAWINGS

DRAWINGS ARE ORGANIZED ACCORDING TO A "SECTION FORMAT". WITH EACH SECTION DESCRIBING A GENERAL ASPECT OF THE CONSTRUCTION. THE FOLLOWING LISTING ILLUSTRATES A TYPICAL SEQUENCE OF DRAWINGS DEVELOPED FOR A LOGICAL SECTION OF WORK.

**GENERAL PROJECT INFORMATION & DRAWINGS** SECTION G SECTION A ARCHITECTURAL DRAWINGS

THE SECTION IS TAKEN ALONG THE STRAIGHT LINE OF THE SYMBOL. THE ARROW POINTS IN THE DIRECTION OF THE VIEW FOR THE SECTION. THE NUMBER IS A REFERENCE TO THE SENCTION DRAWING. IN THIS EXAMPLE DRAWING 1/A101 REPRESENTS DRAWING 1 ON SHEET A101.

WALL SECTION TAG

SEE ABOVE FOR EXPLANATION

THICK(NESS) THRESHOLD TYP. TYPICAL

UNF. UNFINISHED URINAL

VAPOR BARRIER V.C.B. VINYL COVE BASE V.C.T. VINYL COMPOSITION TILE VERT. VERTICAL VESTIBULE VIN. VINYL VENEER VOLUME VWC. VINYL WALL COVERING

WIDTH, WIDE WATER CLOSET WATER HEATER WROUGHT IRON WIRE MESH WEATHERSTRIPPING WOOD WDW. WINDOW WATERPROOFING WEIGHT

#### SYMBOLS THE FOLLOWING DRAWINGS SYMBOLS INCLUDE, BUT ARE NOT LIMITED TO THOSE TYPICALLY FOUND IN A SET OF CONSTRUCTION DOCUMENTS

FLOOR LEVEL LINE

MATCHLINE
(SHADED
PORTION)

COLUMN GRIDS

ROOM TAG

ROOM NAME 1234

_____

_ _ _ _ _ _ _ _ _ _ _ _ _ _

**REVISION TAG** 

WINDOW TAG

DOOR TAG

NORTH ARROW

**BUILDING SECTION** TAG

ELEVATION TAG

EXTERIOR 2

A300

INTERIOR

THE ARROW POINTS IN THE DIRECTION OF THE VIEW FOR THE ELEVATION. THE NUMBER IS A REFERENCE TO THE ELEVATION DRAWING. IN THIS EXAMPLE, DRAWING 2 ON SHEET A300



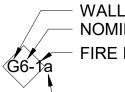
THIS SYMBOL IS A KEY TO A DETAIL DRAWN OF THE AREA WITHIN THE DASHED LINES. THE NUMBER IS A REFERENCE TO THE DETAIL DRAWING. FOR EXAMPLE, DRAWING 1/A101 **REPRESENTS DRAWING 1 ON SHEET A101** 

PARTITION TYPE TAGS

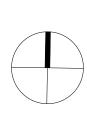
NOMINAL STUD SIZE - FIRE RATED IN HOURS ⟨G6-**}→** - WALL TYPE

- WALL TYPE

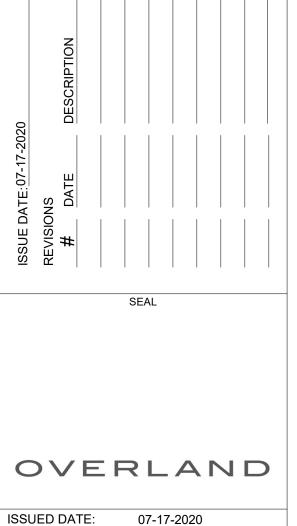
- NOMINAL STUD SIZE G6--- ACOUSTIC



– WALL TYPE - NOMINAL STUD SIZE - FIRE RATED IN HOURS 





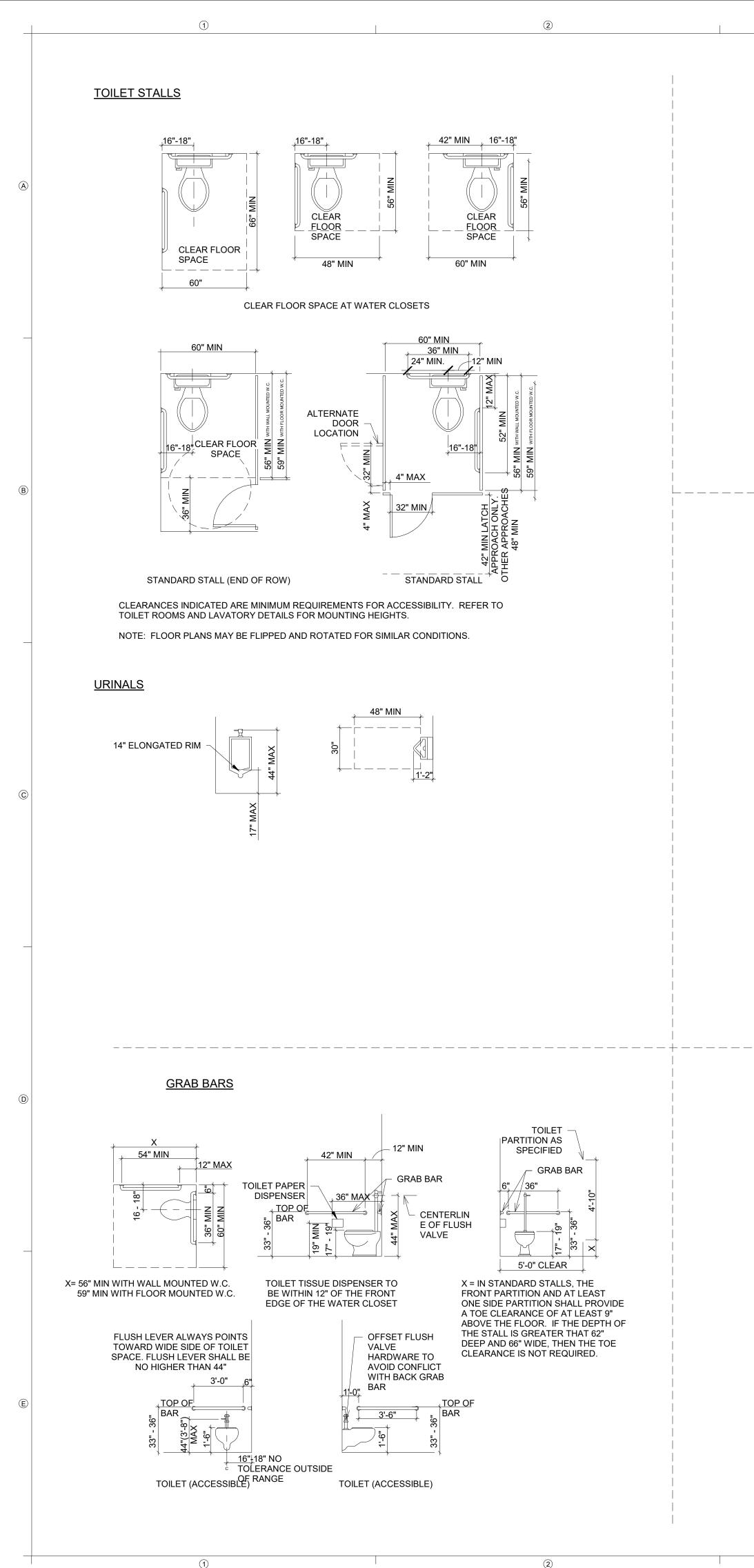


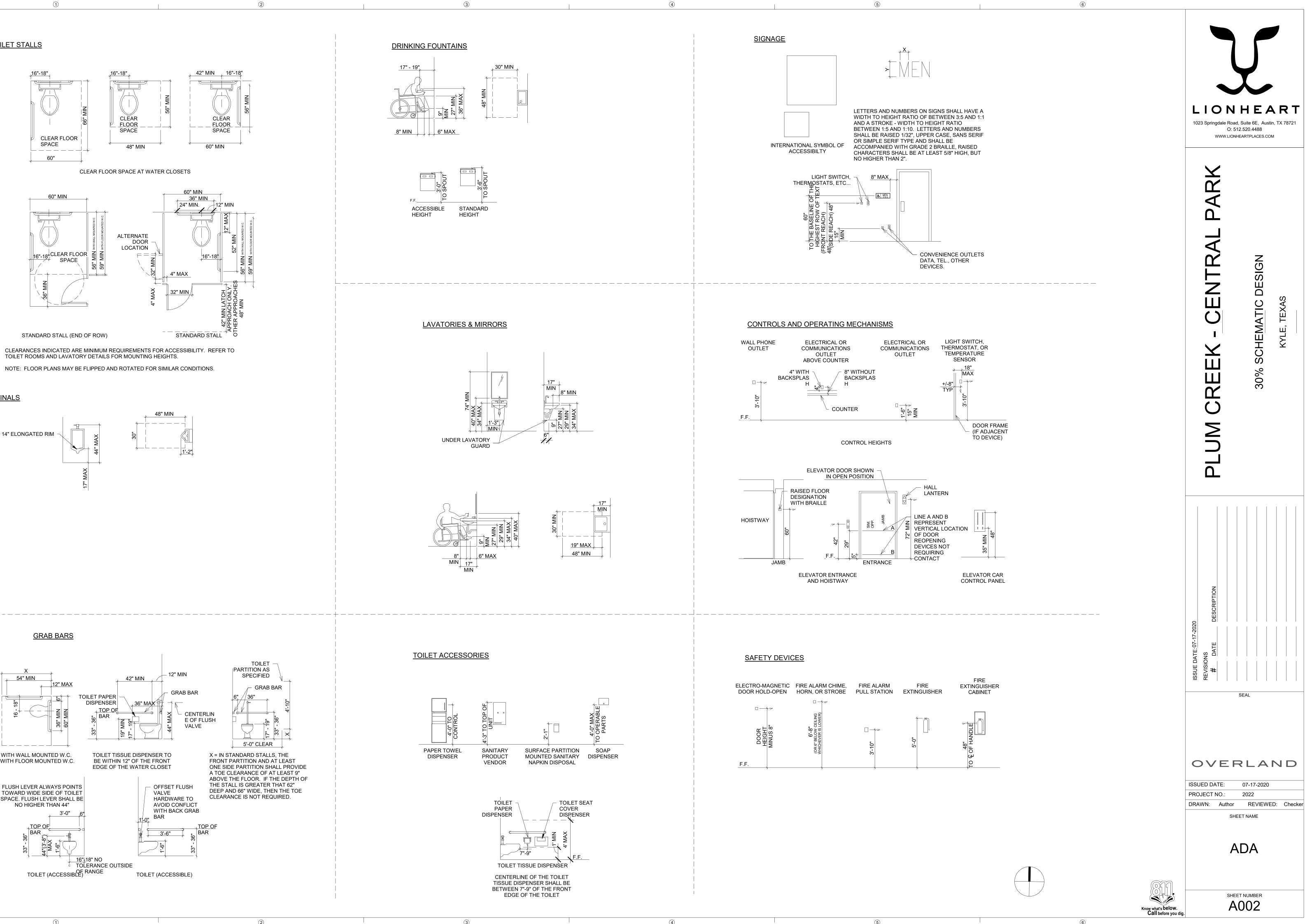
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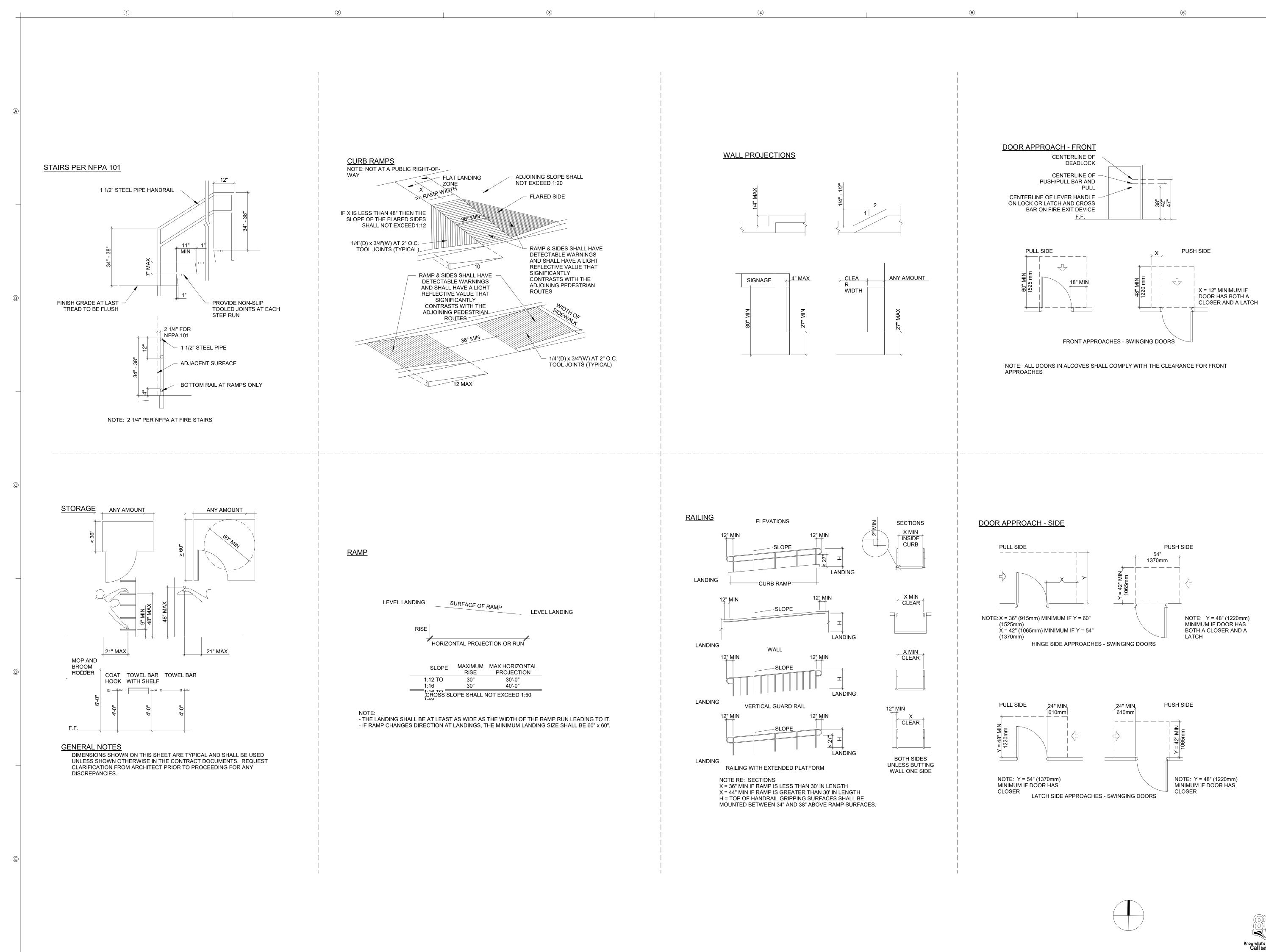


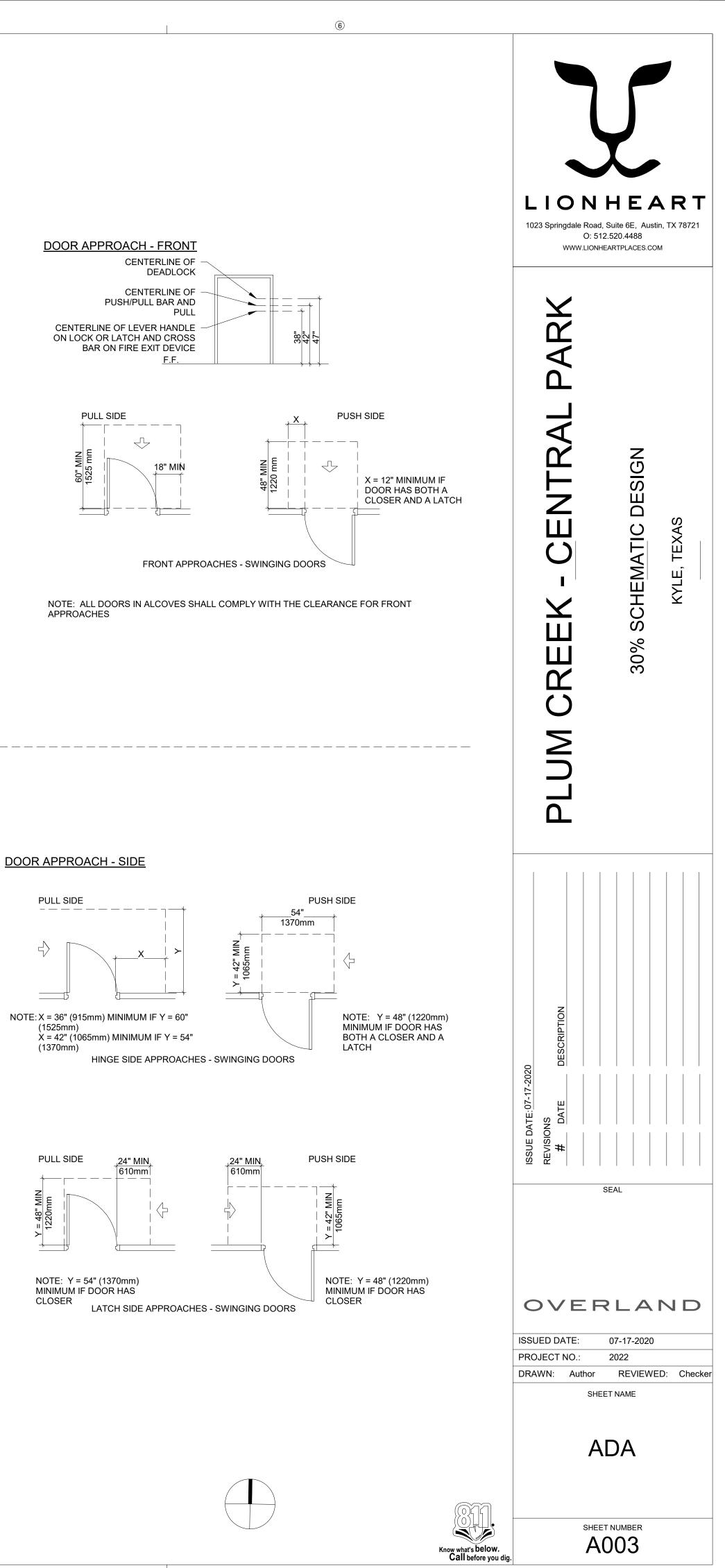
SHEET NUMBER A001

Know what's below. Call before you dig.





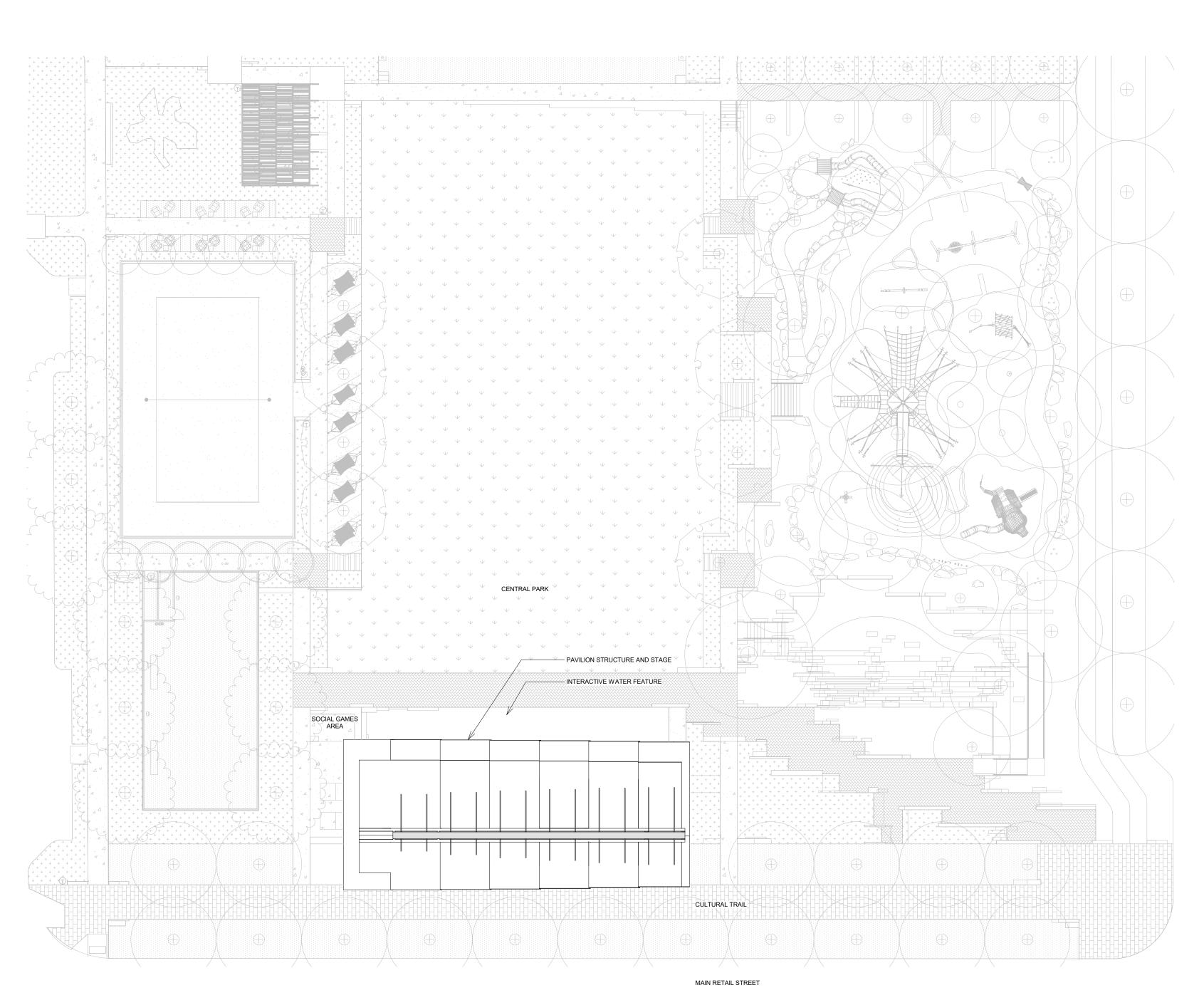


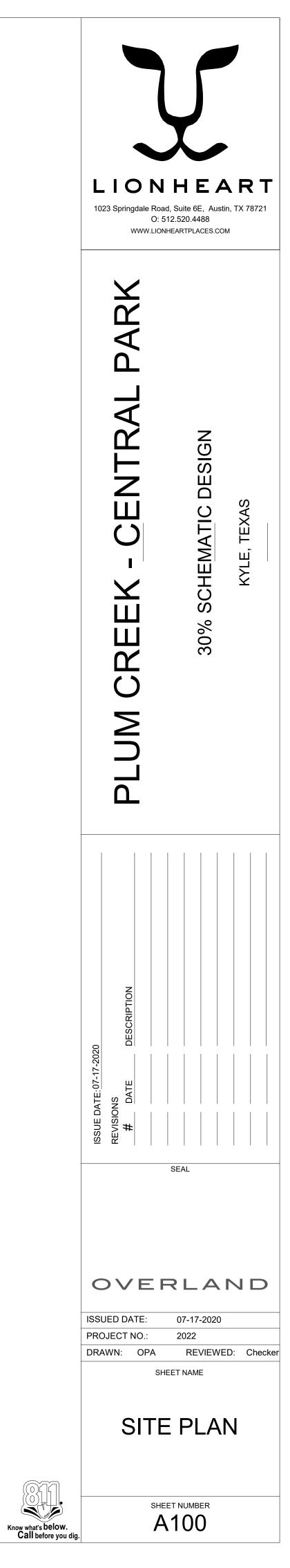


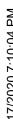


2

# 1 SITE PLAN 1" = 20'-0" Ref: 1 / A130







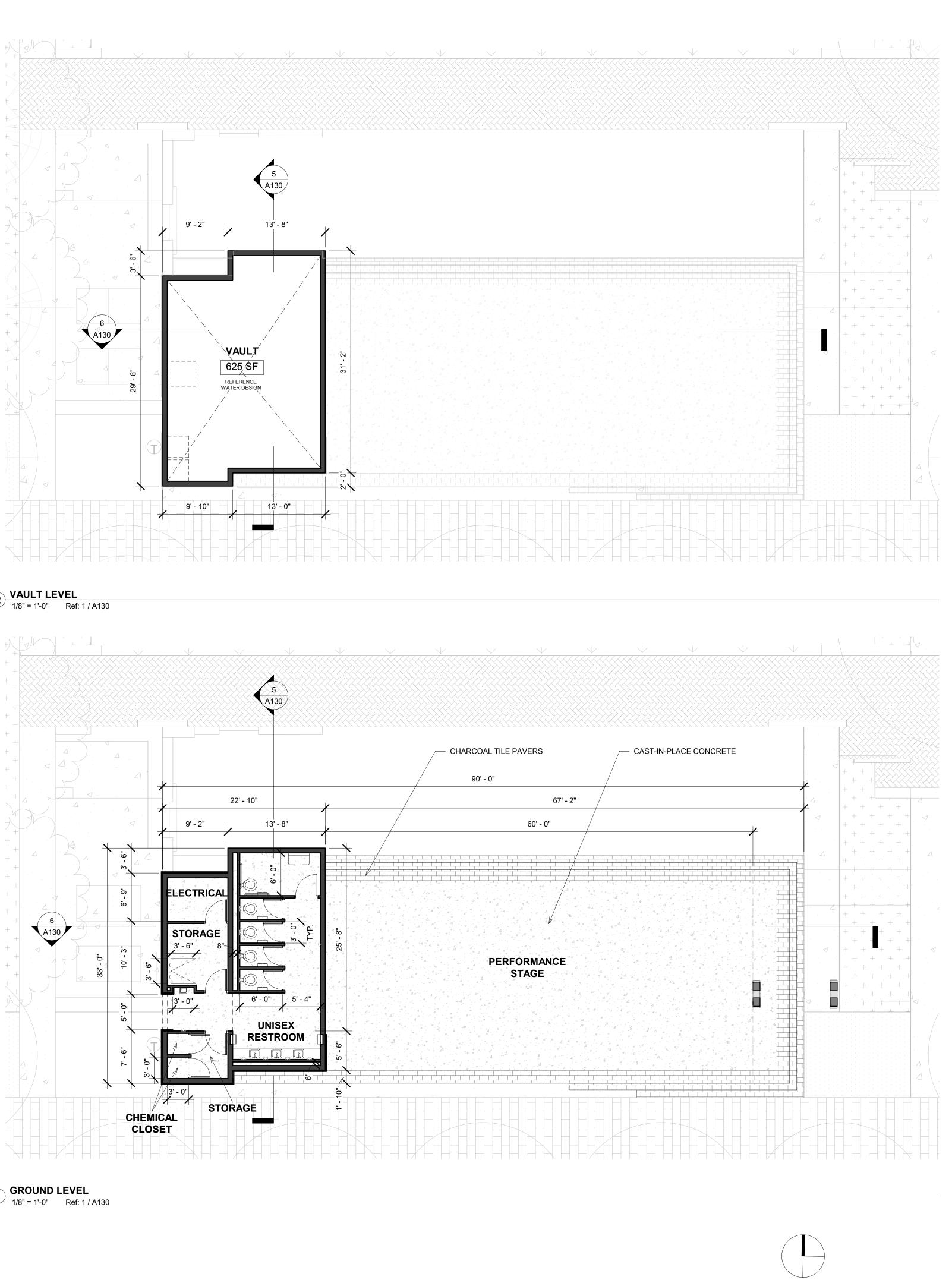
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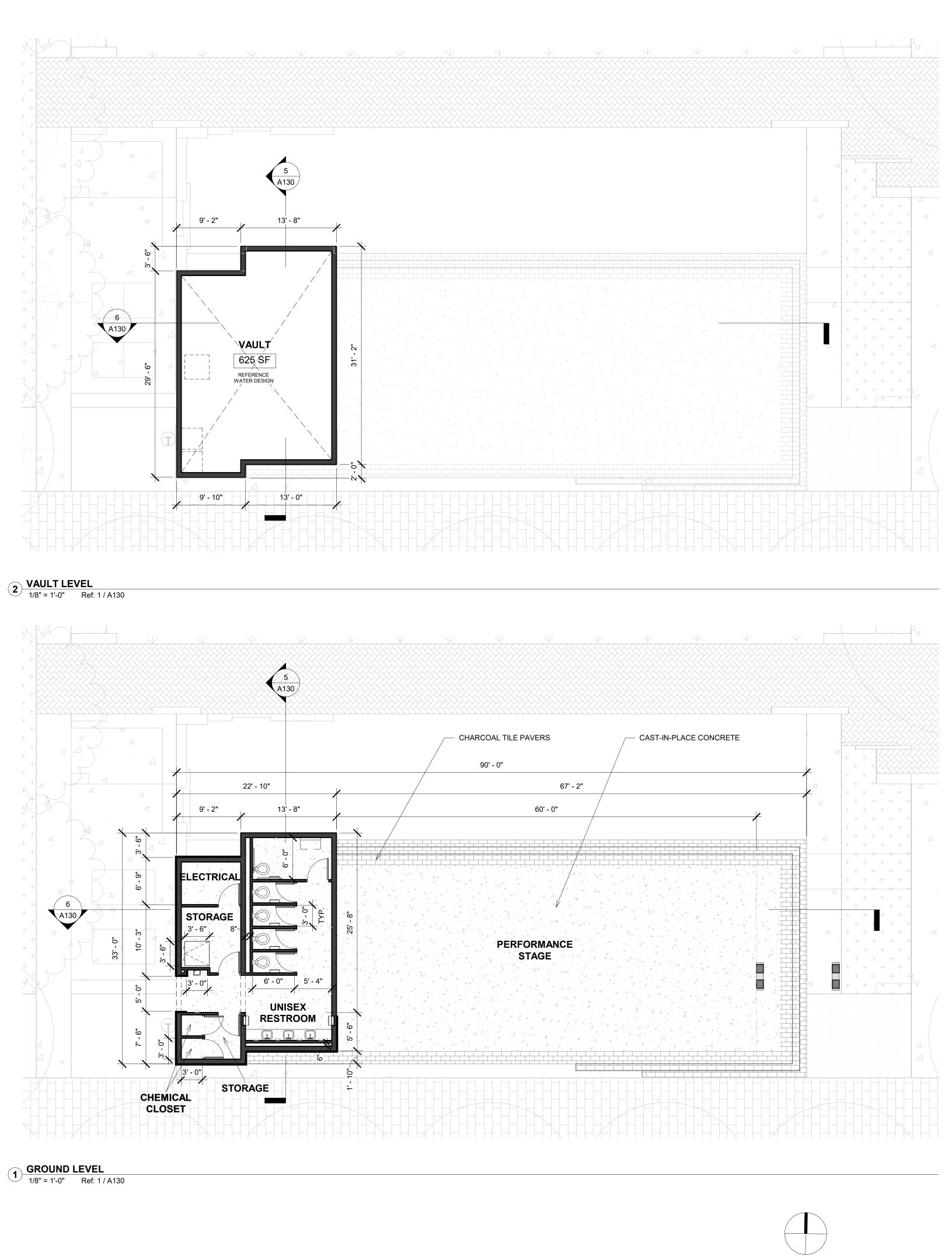


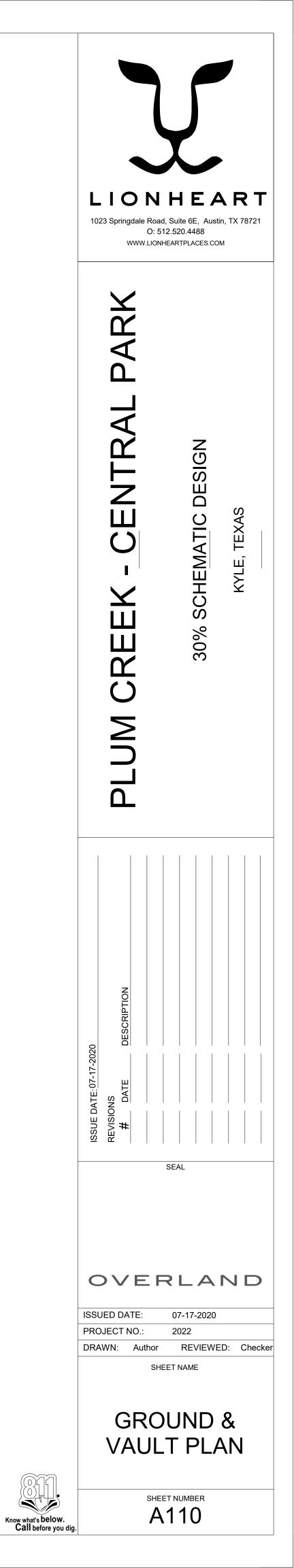
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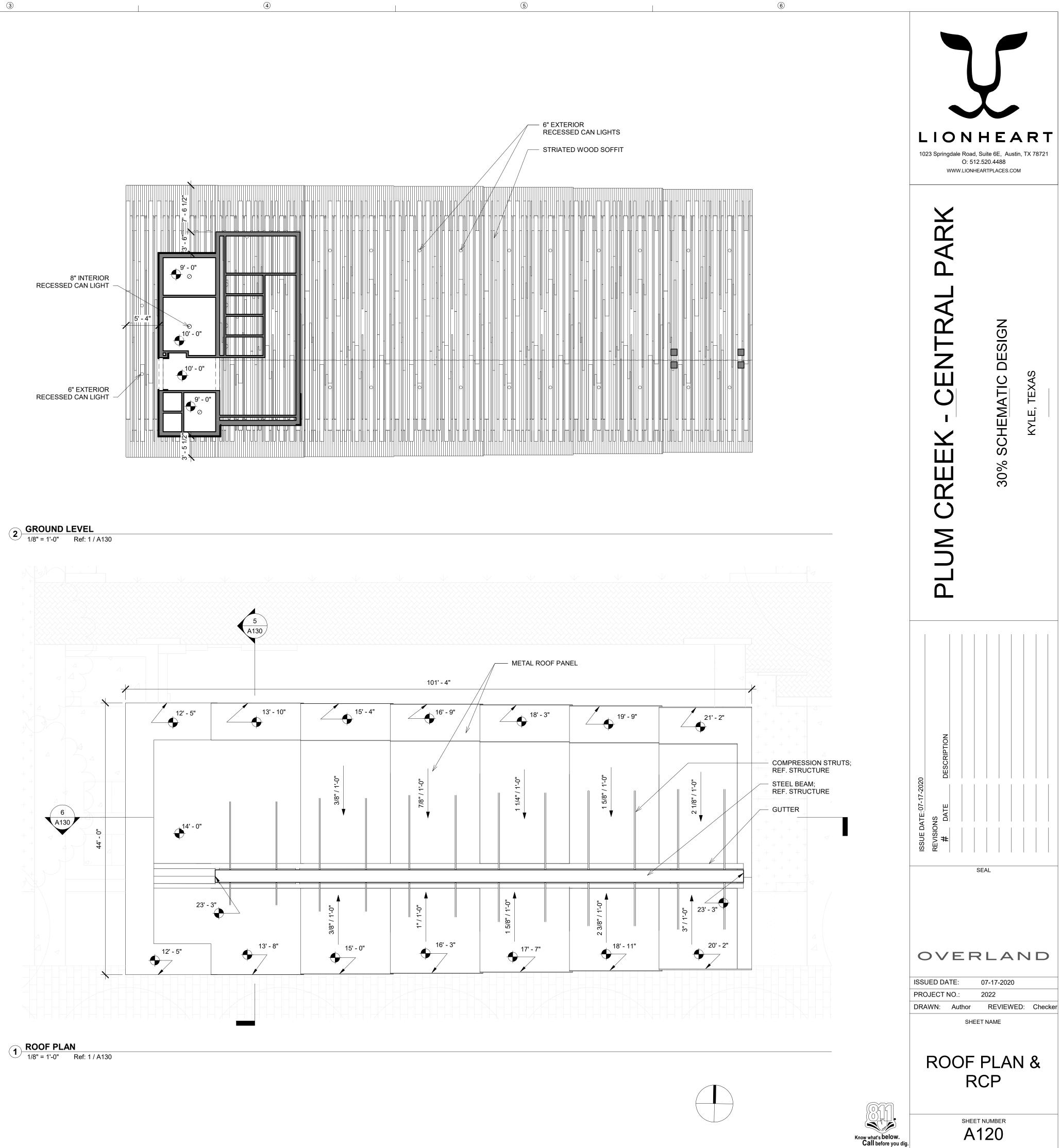


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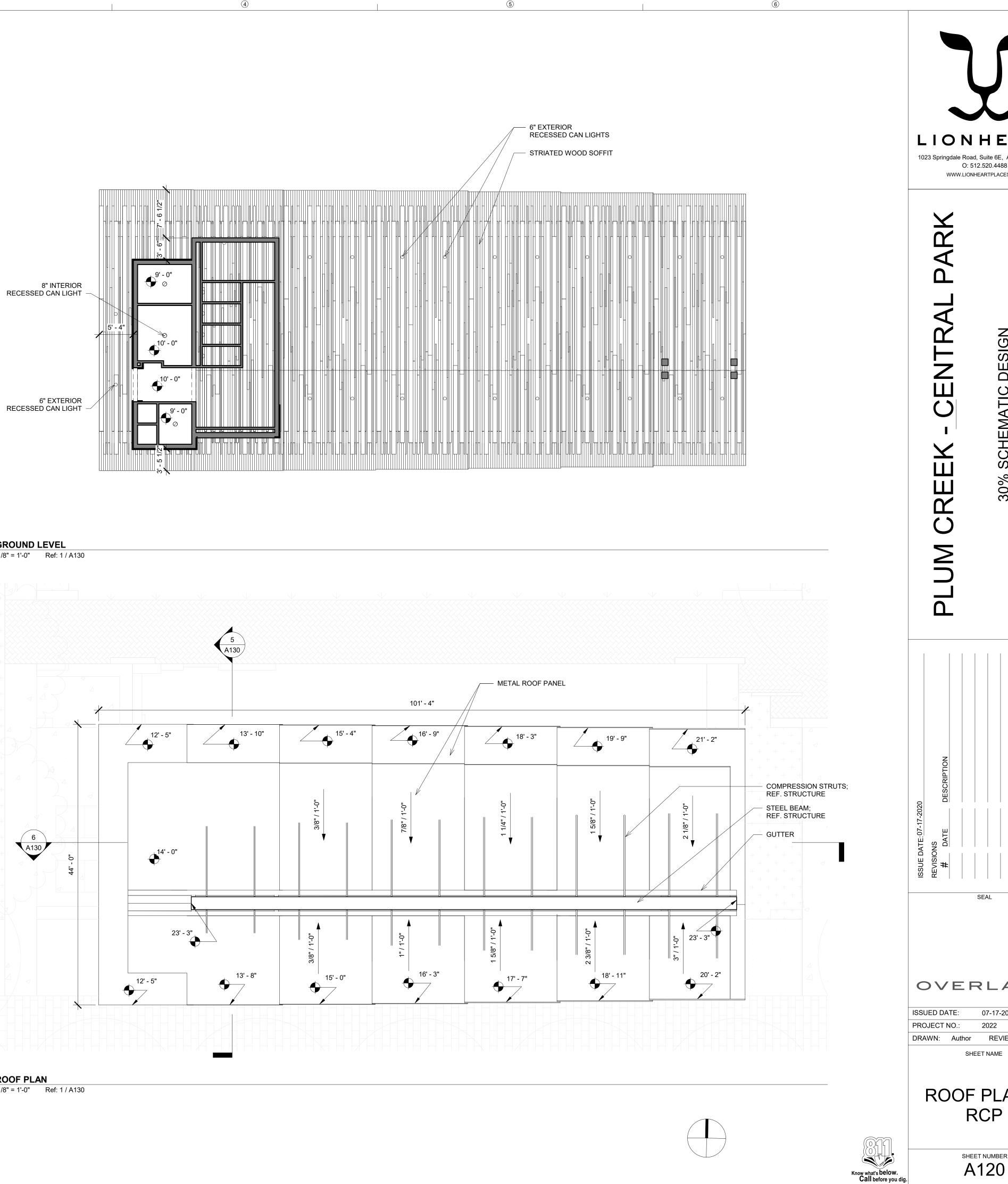


2

(2)

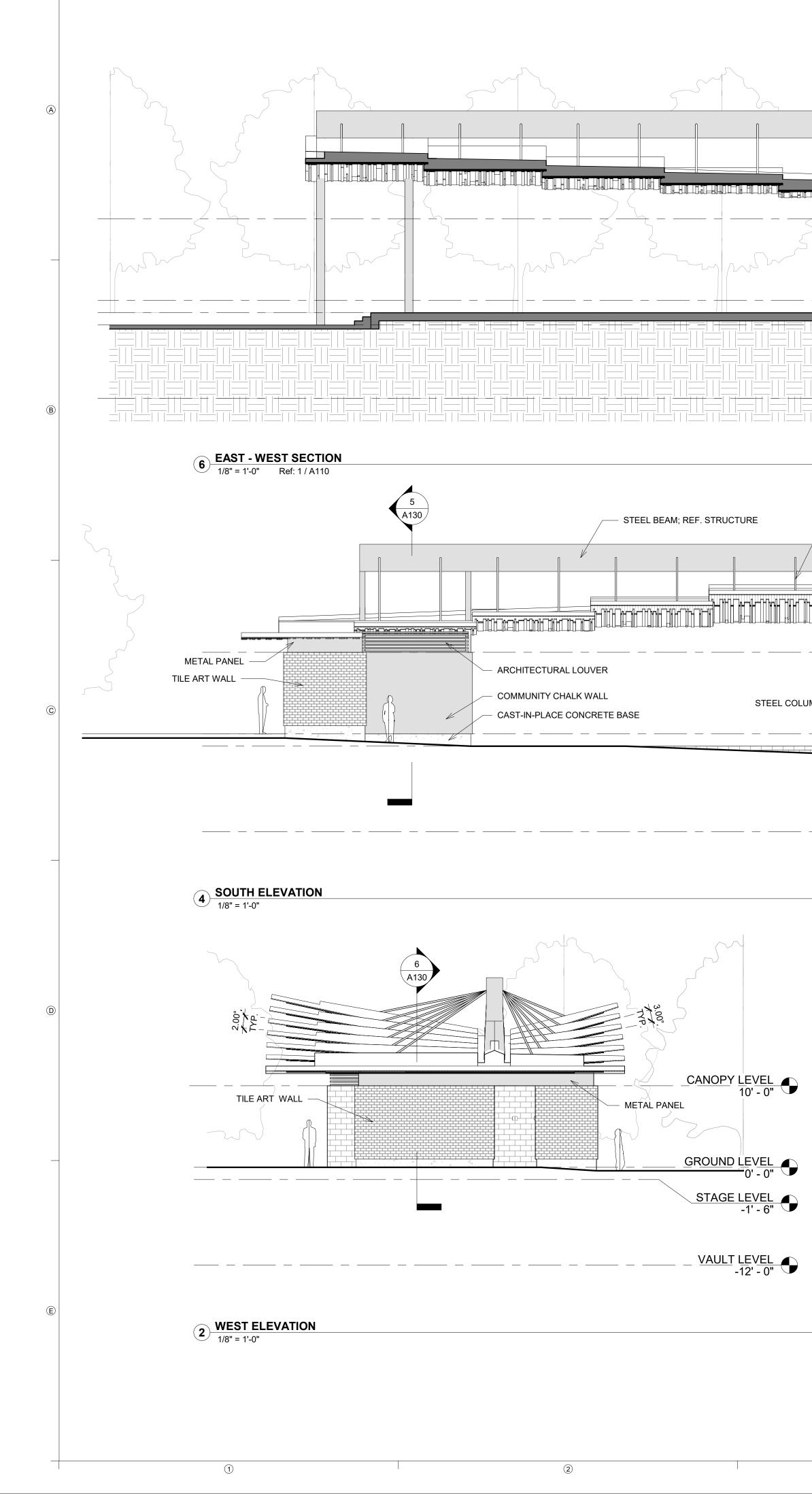


2 GROUND LEVEL 1/8" = 1'-0" Ref: 1 / A130

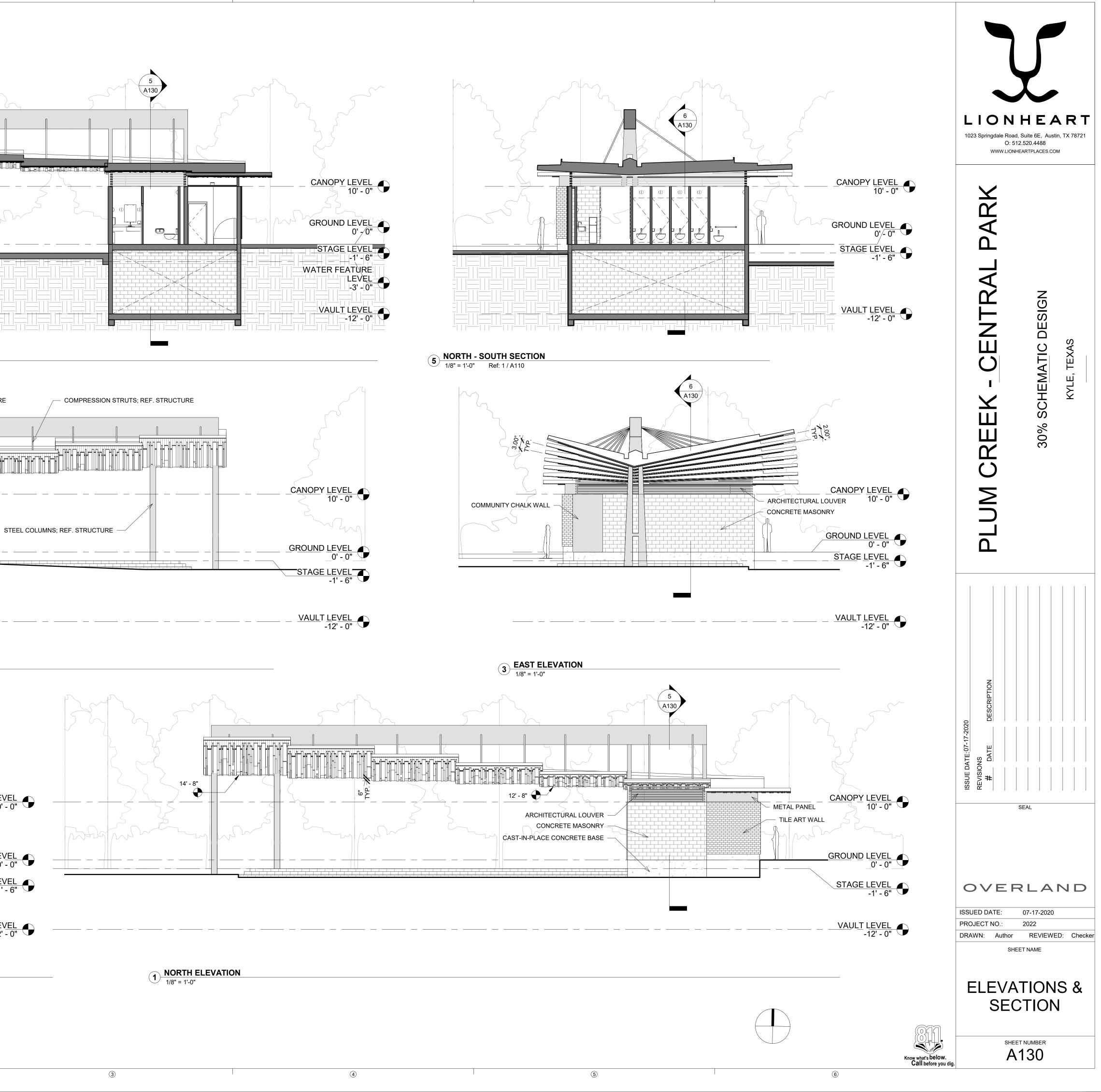


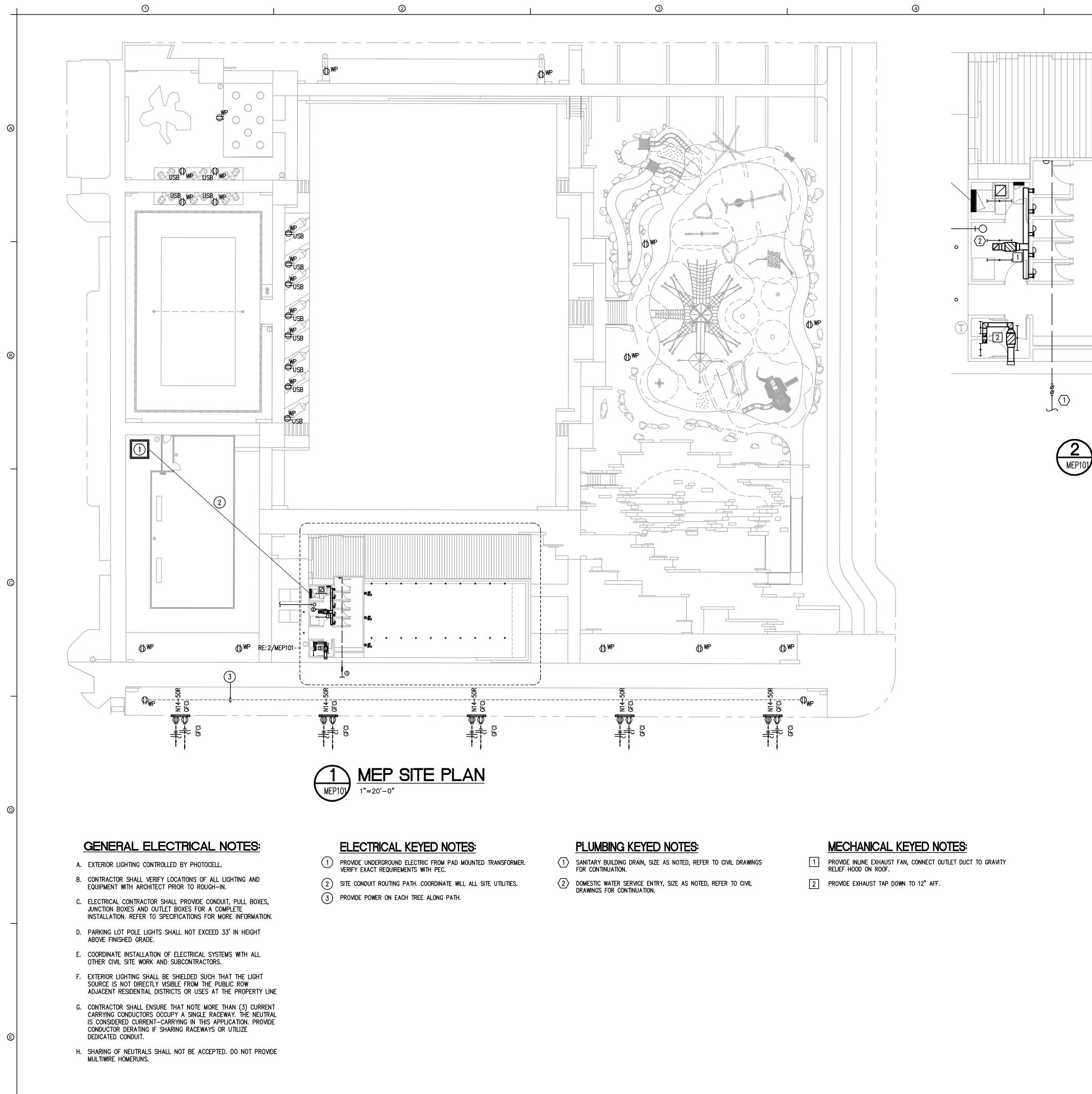
6

KYLE, TEXAS

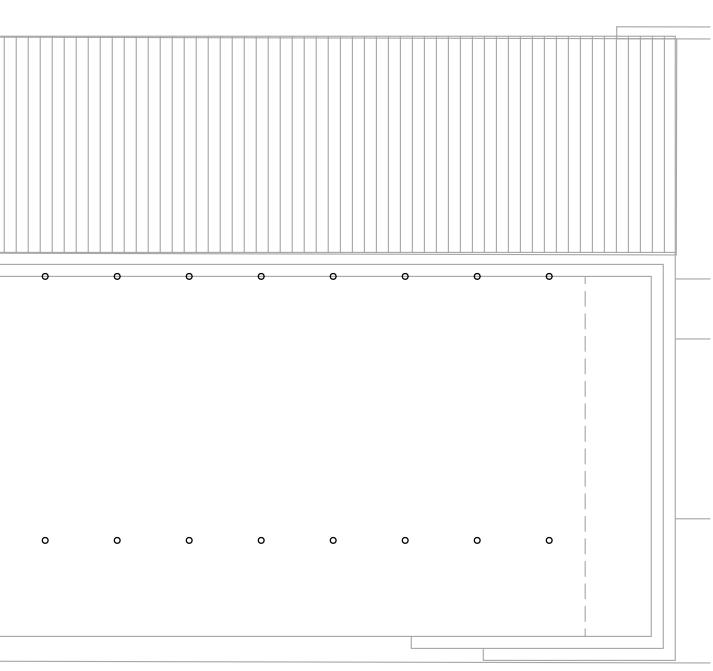


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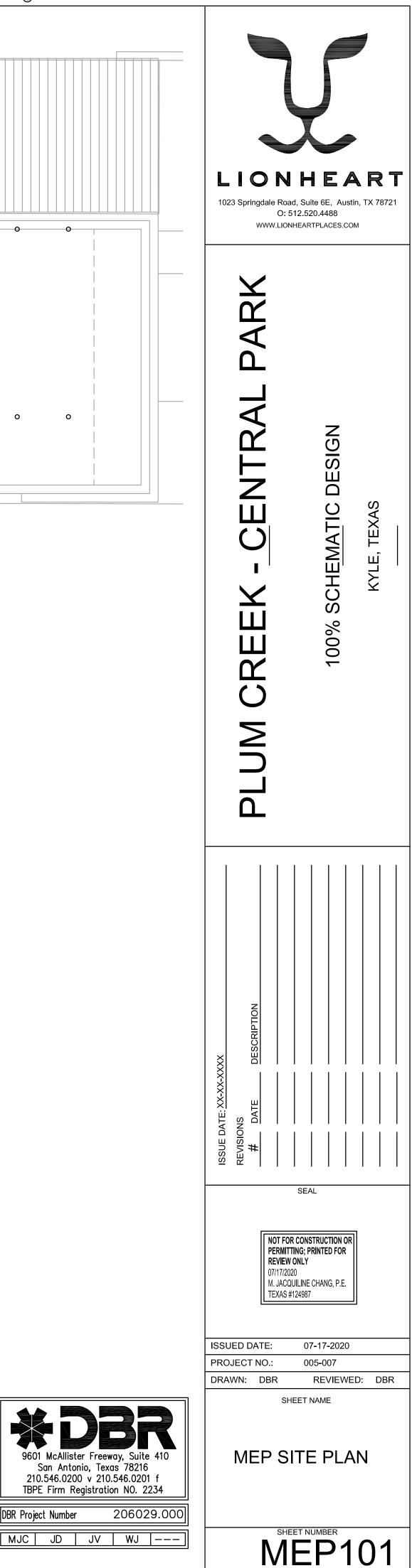








# MEP PAVILION PLAN



DBR Project Number

## **STRUCTURAL GENERAL NOTES**

	GR	GENERAL REQUIREMENTS	CD	CODES AND DESIGN CRITERIA
A	GR-1	AS USED IN THESE GENERAL NOTES: "DRAWINGS" MEANS THE LATEST STRUCTURAL DESIGN DRAWINGS, UON. "SPECIFICATIONS" MEANS THE LATEST PROJECT SPECIFICATIONS, UON. "CONTRACT DOCUMENTS" IS DEFINED AS THE DESIGN DRAWINGS AND THE SPECIFICATIONS	CD-1	PERFORM ALL CONSTRUCTION WITHIN THESE DOCUMENTS. TH STANDARDS, UON:
		"SER" IS DEFINED AS THE STRUCTURAL ENGINEER OF RECORD FOR THE STRUCTURE IN ITS FINAL CONDITION.		INTERNTATIONAL BUILDING
		"DESIGN PROFESSIONALS" IS DEFINED AS THE OWNER'S ARCHITECT AND SER. "MEP" INCLUDES, BUT IS NOT LIMITED TO MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION. "CONTRACTOR" IS DEFINED TO INCLUDE ANY OF THE FOLLOWING: GENERAL CONTRACTOR AND THEIR SUBCONTRACTORS, CONSTRUCTION MANAGER AND THEIR SUBCONTRACTORS, STRUCTURAL STEEL		STRUCTURAL CONCRETE: "BUILDING CODE REQUIREM THE AMERICAN CONCRETE
		FABRICATOR OR STRUCTURAL STEEL ERECTOR. "BASE BUILDING STRUCTURE" IS DEFINED AS THE STRUCTURAL FRAME DESIGNED BY THORNTON TOMASETTI.		CONCRETE MASONRY: "BUILDING CODE REQUIREM THE AMERICAN CONCRETE I
		"STRUCTURE IN ITS FINAL CONDITION" MEANS ALL STRUCTURAL ELEMENTS SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS ARE INSTALLED AND COMPLETELY CONNECTED AND INSPECTED WITH NO OUTSTANDING NON-COMPLIANCE ISSUES. "DELEGATED DESIGN" MEANS A SCOPE OF WORK THAT MEETS PERFORMANCE CRITERIA ESTABLISHED IN THE CONTRACT DOCUMENTS AND IS TO BE COMPLETED BY THE CONTRACTOR'S LICENSED ENGINEER.		<u>STRUCTURAL STEEL:</u> "SPECIFICATION FOR STRUC PROVISIONS OF LOAD RESIS CONSTRUCTION (AISC-LRFD
	GR-2	THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE STRUCTURAL WORK WITH THE ARCHITECTURAL, CIVIL, MEP CONTRACT DOCUMENTS, AS WELL AS ANY OTHER APPLICABLE TRADES.	CD-2	DESIGN LOADS:
	GR-3	THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE UNTIL THE CONSTRUCTION OF THE STRUCTURE REACHES ITS FINAL CONDITION.		ROOF SUPER IMPOSED DEAD L ROOF LIVE LOAD
B	GR-4	THE ONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND REMOVAL OF TEMPORARY BRACING AND CONSTRUCTION SUPPORTS, FOR NEW AND EXISTING STRUCTURES, AS NECESSARY TO COMPLETE THE PROJECT. NO PORTION OF THE PROJECT WHILE UNDER CONSTRUCTION IS INTENDED TO BE STABLE IN THE ABSENCE OF THE CONTRACTOR'S TEMPORARY SUPPORTS AND BRACES. CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED TO DESIGN TEMPORARY BRACING AND CONSTRUCTION SUPPORTS.	CD-4	SNOW LOADS: FLAT ROOF SNOW LOAD (Pf) GROUND SNOW LOAD (Pg) SNOW EXPOSURE FACTOR ( SNOW LOAD IMPORTANCE F THERMAL FACTOR (Ct):
	GR-5	LATERAL LOAD RESISTANCE AND STABILITY OF THE STRUCTURE IN ITS FINAL CONDITION IS PROVIDED BY SHEAR WALLS AND LATERAL STABILITY OF OTHER ELEMENTS IS PROVIDED THROUGH FLOOR SLABS; ROOF DECK; AND IN FLOOR BRACING.	CD-5	WIND LOAD DESIGN DATA: MAIN WIND FORCE RESISTIN BASIC WIND SPEED, V EXPOSURE
_	GR-6	THE SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONTRACT DOCUMENTS AND SHALL BE USED IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS.		OCCUPANCY/RISK CATEGOR
	GR-7	THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND COORDINATE WITH THE STRUCTURAL DRAWINGS, ARCHITECTURAL DRAWINGS, DRAWINGS FROM OTHER CONSULTANTS, PROJECT SHOP DRAWINGS AND FIELD CONDITIONS.		COMPONENT AND CLADDING D EFFECTIVE WIND AREA= 10 EFFECTIVE WIND AREA= 100 EFFECTIVE WIND AREA= 500
	GR-8	IN CASES OF CONFLICT BETWEEN DRAWINGS AND/OR SPECIFICATIONS AND OTHER DISCIPLINES OR EXISTING CONDITIONS, CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONALS AND OBTAIN CLARIFICATION PRIOR TO BIDDING AND PROCEEDING WITH WORK.		ROOF EFFECTIVE WIND AREA = ROOF= 16.0/-23.0 PSF
C	GR-9	APPLY DETAILS, SECTIONS, AND NOTES ON THE DRAWINGS WHERE CONDITIONS ARE SIMILAR TO THOSE INDICATED BY DETAIL, DETAIL TITLE OR NOTE.	CD-6	SEISMIC LOAD DESIGN DATA: SEISMIC IMPORTANCE FACT S _s
	GR-10	ONLY USE DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT SCALE DRAWINGS.		S1 SDS
	GR-11	ASSUME EQUAL SPACING BETWEEN ESTABLISHED DIMENSIONS, IF NOT INDICATED ON DRAWINGS.		S _{D1} SITE CLASS SEISMIC DESIGN CATEGORY
	GR-12	CENTERLINES OF COLUMNS AND FOUNDATIONS COINCIDE WITH GRID LINE INTERSECTIONS, UON.		LATERAL SYSTEM DESCRIPT RESPONSE MODIFICATION F
	GR-13	CENTERLINES OF GRADE BEAMS AND WALLS COINCIDE WITH CENTERLINES OF FOUNDATIONS, UON.		ANALYSIS PROCEDURE DES
		CENTERLINES OF FRAMING MEMBERS COINCIDE WITH COLUMN CENTERLINES, UON.	CD-7	IN CASES WHERE THE CONTRA LOADS EXIST WHICH EXCEED D
_		THE CONTRACTOR SHALL PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITIES FROM DAMAGE.		SUBMIT LOAD DATA TO DESIGN
		THE CONTRACTOR SHALL VERIFY THAT CONSTRUCTION LOADS DO NOT EXCEED THE CAPACITY OF THE STRUCTURE AT THE TIME THE LOAD IS APPLIED. THE CONTRACTOR SHALL COORDINATE THE BOTTOM OF BASE PLATE ELEVATIONS WITH THE AS-BUILT TOP	CD-8	DISTRIBUTE THE MAXIMUM LOA THE MEMBER'S TRIBUTARY ARI CONTRACT DOCUMENTS ARE N TRADES AND PROVIDE ADDITIC
	GIC-17	OF SUPPORT ELEVATIONS.		ALLOWABLE LOAD DISTRIBUTIO
	GR-18	THE CONTRACTOR SHALL VERIFY ALL OPENING SIZES AND LOCATIONS WITH OTHER DISCIPLINES. THE DRAWINGS DO NOT SHOW ALL OPENINGS REQUIRED. ADDITIONAL OPENINGS, BLOCKOUTS AND SLEEVES	CD-12	SERVICEABILITY
D		MAY BE REQUIRED BY OTHER DISCIPLINES AND SHALL BE CONSTRUCTED USING THE TYPICAL DETAILS AND/OR THE CRITERIA INDICATED ON THE DRAWINGS. OPENINGS REQUIRED BUT NOT SHOWN ON THE STRUCTURAL DRAWINGS MUST BE APPROVED BY THE SER.		LIVE LOAD DEFLECTION IS L
	GR-19	ELEVATIONS INDICATED ON STRUCTURAL DRAWINGS ARE BASED ON A PROJECT DATUM INDICATED ON THE ARCHITECTURAL DRAWINGS.		EXTERIOR EDGE BEAMS HAV L/600 OF THE SPAN OR 3/8",
	GR-20	SEE ARCHITECTURAL, CIVIL, MEP, AND VERTICAL TRANSPORTATION, CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION RELATING TO THE COORDINATION OF STRUCTURAL COMPONENTS INCLUDING.		LATERAL DRIFT DUE TO WIN
		BUT NOT LIMITED TO:	CD-15	FOR FIRE RATING AND FIREPROR RESTRAINED: COMPOSITE WID CONCRETE CONSTRUCTION. C
		PROJECT DATUM SITING OF BUILDING GRID LINES WITH RESPECT TO CITY BENCHMARKS SITE PREPARATION BACKELLING MATERIALS AND REQUIREMENTS	CD-16	THERE HAVE BEEN NO LOAD R PURPOSES OF SELECTING FIRE
		BACKFILLING MATERIALS AND REQUIREMENTS PAVING AND SITE ELEMENTS OUTSIDE OF BUILDING ENVELOPE NEW AND EXISTING SITE UTILITIES	DI	DELEGATED DESIGN ITEMS
		ARCHITECTURAL: PLAN DIMENSIONS AND PROJECT DATUM SLAB EDGE DIMENSIONS	DI-1	THE CONTRACTOR SHALL EMPI LICENSED IN THE STATE WHER ITEMS TO MEET THE PERFORM STRUCTURE INDICATED IN THE
E		FINISH ELEVATIONS WATERPROOFING AND DAMP-PROOFING DETAILS RAMP GEOMETRY, PITS, SLAB SLOPES AND DEPRESSIONS EMBEDMENTS, INSERTS, BLOCKOUTS, ETC. EXACT OPENING SIZES FOR PIPES, DUCTS, ETC. CONCRETE FINISHES AND TOPPING SLABS CONCRETE CURBS AND HOUSEKEEPING PADS INTERIOR NON-STRUCTURAL MASONRY PARTITIONS FIRE RATINGS		STRUCTURAL STEEL CONNE
		MEP: PIPE AND DUCT SIZES FOR OPENING AND SLEEVE COORDINATION UNDERFLOOR AND PERIMETER DRAINAGE SYSTEMS EQUIPMENT CURBS		
		1 2		

RIA		<u>SU</u>	SUBMITTALS
S. THE PROJECT E ING CODE, 2015, V <u>E:</u>	ANCE WITH THE BUILDING AND DESIGN CODES REFERENCED DOCUMENTS REFER TO THE FOLLOWING CODES AND	SU-1	TWENTY WORKING DAYS PRIOR TO SUBMITTING SHOP DRAWINGS, THE CONTRACTOR SHALL SUBMIT FOR SER'S REVIEW A SCHEDULE WHICH DETAILS THE ESTIMATED QUANTITY OF SHOP DRAWINGS AND THE DATE THE SHOP DRAWINGS WILL BE RECEIVED BY THE SER. THE SER SHALL HAVE THE OPPORTUNITY TO REVIEW THE PROPOSED SCHEDULE AND SUBMIT COMMENTS TO THE CONTRACTOR. THE FINAL SHOP DRAWING SCHEDULE SHALL BE DEVELOPED AND SUBMITTED TO THE SER. IN ACCORDANCE WITH THE SHOP DRAWING SCHEDULE, THE SER WILL RETURN THE SHOP DRAWING ITEMS WITHIN TEN WORKING DAYS AFTER HAVING RECEIVED THE ELECTRONIC SHOP DRAWING.
REMENTS FOR STI TE INSTITUTE (AC	RUCTURAL CONCRETE" SI 318-14)	SU-2	THE CONTRACTOR IS TO REVIEW EACH SUBMITTAL PRIOR TO FORWARDING TO DESIGN PROFESSIONALS. THE CONTRACTOR IS TO STAMP EACH SUBMITTAL VERIFYING THAT THE FOLLOWING IS ADDRESSED:
TE INSTITUTE (AC	NCRETE MASONRY STRUCTURES" (1 530-13) . BUILDINGS", AISC 360-10 EDITION CONFORMING TO THE OR DESIGN,BY THE AMERICAN INSTITUTE OF STEEL		<ol> <li>THE SHOP DRAWING IS REQUESTED.</li> <li>THE SHOP DRAWING IS BASED ON THE LATEST DESIGN.</li> <li>THE DESIGN PROFESSIONALS' COMMENTS FROM ANY PREVIOUS SUBMITTALS ARE ADDRESSED.</li> <li>THE WORK IS COORDINATED AMONG ALL CONSTRUCTION TRADES.</li> <li>REVISIONS FROM PREVIOUS SUBMITTALS ARE CLEARLY MARKED BY CIRCLING OR CLOUDS.</li> <li>SUBMITTAL IS COMPLETE.</li> <li>SUBMITTAL DOES NOT INCLUDE SUBSTITUTION REQUEST</li> <li>SUBMITTAL SHALL INCLUDE A STAMP INDICATING PROJECT NAME AND LOCATION, SUBMITTAL NUMBER, SPECIFICATION SECTION NUMBER.</li> </ol>
AD LOAD	20 PSF 20 PSF		THE SER SHALL RETURN, WITHOUT COMMENT, SUBMITTALS WHICH THE CONTRACTOR HAS NOT STAMPED OR WHICH DO NOT MEET THE ABOVE REQUIREMENTS. THE SER'S REVIEW OF SUBMITTALS SHALL BE FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT. NO WORK SHALL BE STARTED WITHOUT SUCH REVIEW.
) (Pf): ² g) OR (Ce): CE FACTOR (Is):	5 PSF 5 PSF 0.9 1.00	SU-3	FOR COMPONENTS THAT REQUIRE ENGINEERING BY THE CONTRACTOR, PROVIDE A NOTE ON EACH SHOP DRAWING, WRITTEN AND SIGNED BY THE SUPPLIER'S ENGINEER, INDICATING THAT THE SHOP DRAWING IS IN CONFORMANCE WITH THE CALCULATIONS OF THE CONTRACTOR'S ENGINEER.
SE FACTOR (IS).	1.20	SU-4	THE FOLLOWING ITEMS REQUIRE SUBMITTALS FOR STRUCTURAL REVIEW AS OUTLINED IN THE SPECIFICATIONS:
= 100 SF WAL	90 MPH B II ± 0.55 URES a=5'-0" L= 21.5/-23.0 PSF WALL END ZONE= 21.5/-23.0 PSF L= 19.1/-20.5 PSF WALL END ZONE= 19.1/-20.5 PSF L= 17.5/-18.8 PSF WALL END ZONE= 17.5/-18.8 PSF		031000SCALCCONCRETE FORMWORK CONCRETE REINFORCING LAYOUT033000SCALCCONCRETE MIX DESIGNS033000SCONCRETE CONSTRUCTION JOINT LAYOUT041000SMASONRY REINFORCEMENT LAYOUT051000SSTRUCTURAL STEEL051000SCALC053000SSTEEL ROOF DECK316329SDRILLED PIER LAYOUT AND SIZES= SHOP DRAWINGS REQUIRED
<u>EA = 10 SF</u> ROOF EDC	GE = 16.0/-35.0 PSF ROOF CORNER= 16.0/-50.0 PSF		CALC = SUPPORTING CALCULATIONS REQUIRED, SEALED AND SIGNED BY A PROFESSIONAL ENGINEER OR STRUCTURAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED.
<u>"A:</u> ACTOR (I₅)	1.00 0.107 g 0.055 g 0.093 g 0.055 g	SU-5	THE ITEMS IN THIS SECTION REFER TO LOADS IMPOSED BY CONTRACTOR DESIGNED SYSTEMS, SPECIFICALLY: COLD-FORMED METAL FRAMING EXTERIOR CLADDING SYSTEMS
ORY RIPTION ON FACTOR (R) DESCRIPTION	C A STEEL ORDINARY MOMENT FRAME 3 EQUIVALENT LATERAL FORCE		WHERE CONTRACTOR LOADS IMPOSED DO NOT EXCEED AND/OR CONNECTION CONDITIONS DO NOT DIFFER FROM WHAT IS INDICATED IN THE STRUCTURAL DRAWINGS, SUBMIT FOR RECORD A LETTER SEALED AND SIGNED BY A PROFESSIONAL ENGINEER OR STRUCTURAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED STATING THE FOLLOWING:
ED DESIGN LOADS	MINES THAT SUSPENDED OR FLOOR MOUNTED EQUIPMENT SINDICATED ON CONTRACT DOCUMENTS, CONTRACTOR SHALL IALS FOR REVIEW PRIOR TO PROCEEDING WITH WORK.		"THE CONTRACTOR DESIGNED SYSTEM HAS BEEN DESIGNED TO IMPOSE LOADS ON THE BASE BUILDING STRUCTURE THAT ARE WITHIN THE LOAD LIMITS AND AT THE LOCATIONS INDICATED ON THE STRUCTURAL DRAWINGS."
' AREA IN A WAY T RE NOT EXCEEDE	M ANY STRUCTURAL MEMBER FOR DUCTWORK, PIPING ETC OVER HAT THE MEP DESIGN SUPERIMPOSED DEAD LOADS LISTED IN D. THE CONTRACTOR SHALL COORDINATE THE LOADS OF ALL T OR DISTRIBUTION FRAMING AS REQUIRED TO ACHIEVE THE		WHERE CONTRACTOR LOADS IMPOSED FOR THE FOLLOWING ITEMS EXCEED AND/OR CONNECTION CONDITIONS DIFFER FROM WHAT IS SHOWN IN THE STRUCTURAL DRAWINGS, SUBMIT FOR APPROVAL TO SER LOADS IMPOSED ON THE PRIMARY STRUCTURAL FRAME DUE TO THE DEAD, LIVE, AND WIND/SEISMIC LOADS INDICATED ON THE CONTRACT DOCUMENTS.
IS LESS THAN L/3 LECTION IS LESS ⁻			SUBMITTAL SHALL LIST THE DESIGN LOADS USED AND BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER ORSTRUCTURAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED. SUBMITTAL SHALL INCLUDE LOCATION, MAGNITUDE AND DIRECTION OF UNFACTORED IMPOSED LOADS, GRAPHICALLY REPRESENTED IN THEIR APPROPRIATE LOCATIONS ON A COPY OF THE CONTRACT DOCUMENT STRUCTURAL FRAMING PLANS OR ELEVATIONS AS APPROPRIATE. DETAIL REFERENCES IN THE CONNECTIONS APPLICABLE AT EACH LOCATION SHALL BE NOTED ON THE SUBMITTAL DRAWINGS.
8/8", WHICHEVER I	GNED TO LIMIT LIVE LOAD MIDSPAN VERTICAL DEFLECTION TO S LESS. ESS THAN OR EQUAL TO H/400		FOR EXERIOR WALL ASSEMBLIES, THE LOADS IMPOSED SUBMITTAL SHALL BE COMPREHENSIVE INDICATING THE LOADS IMPOSED ON THE BASE BUILDING STRUCTURE AND SHALL INCLUDE THE REACTIONS BASED ON THE ACTUAL LOADS OF THE ENTIRE ASSEMBLY, INCLUDING BUT NOT LIMITED TO GLAZING, CLADDING, METAL STUD BACKUP, AND MULLIONS.
WIDE-FLANGE ST	MBLY EVALUATIONS, CONSIDER THE FOLLOWING ASSEMBLIES EEL FRAMING, INTERIOR BAYS OF CONTINUOUS CAST-IN-PLACE OTHER ASSEMBLIES UNRESTRAINED.		FOR MEP SYSTEMS, THE LOADS IMPOSED SUBMITTAL SHALL BE COMPREHENSIVE INDICATING THE LOADS IMPOSED ON THE BASE BUILDING STRUCTURE AND SHALL INCLUDE THE REACTIONS BASED ON THE ACTUAL LOADS OF THE ENTIRE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SYSTEM, INCLUDING BUT NOT LIMITED TO PIPING, DUCTS, ELECTRICAL RACEWAYS, AND EQUIPMENT WEIGHTS.
D RESTRICTION F FIREPROOFING A	ACTORS APPLIED TO THE STRUCTURAL DESIGN FOR THE SSEMBLIES.		A SUBSTITUTION REQUEST MAY BE REQUIRED WHERE CONTRACTOR LOADS IMPOSED EXCEED AND/OR CONNECTION CONDITIONS DIFFER FROM THE BASIS OF DESIGN.
HERE THIS PROJE DRMANCE AND DE	N A PROFESSIONAL ENGINEER OR STRUCTURAL ENGINEER CT IS LOCATED TO DESIGN AND DETAIL DELEGATED DESIGN SIGN CRITERIA ESTABLISHED AS PART OF THE BASE BUILDING OCUMENTS INCLUDING BUT NOT LIMITED TO:		

LUDE A STAMP INDICATING PROJECT NAME AND LOCATION, SUBMITTAL NUMBER, < ITHOUT COMMENT. SUBMITTALS WHICH THE CONTRACTOR HAS NOT STAMPED OR BOVE REQUIREMENTS. THE SER'S REVIEW OF SUBMITTALS SHALL BE FOR Ŷ VITH THE DESIGN INTENT. NO WORK SHALL BE STARTED WITHOUT SUCH REVIEW. ____ Ζ

> SHEET NAME GENERAL NOTES SHEET NUMBER S001

ISSUED DATE:

PROJECT NO .:

DRAWN: JB

SEAL

INTERIM REVIEW ONLY

THIS DOCUMENT IS RELEASED FOR

THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF ROBERT

T. ROGERS, P.E., PE. NO 106271, ON

07/17/2019. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

THORNTON TOMASETTI, INC.

07.17.2020

REVIEWED: RR

005-007



**Thornton Tomasetti** 

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TX FIRM REGISTRATION NO. F-2914

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# **STRUCTURAL GENERAL NOTES**

<u>FN</u>	FOUNDATIONS			
FN-1	THE FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL REPOXXX, DATED XXX, 2019, REPORT NO.XXX	ORT BY	CJ-3	PLACE VERTICAL CONST AND LOCATE AS FOLLOW A. FOUNDATION WALL
FN-2	FOUNDATIONS HAVE BEEN DESIGNED BASED ON THE FOLLOWING REPORT:	DESIGN VALUES FROM THE GEOTECHNICAL		OPENING B. BEAMS AND GRADE SUBJECT TO SER A
	SHALLOW SPREAD AND CONTINUOUS FOOTINGS:BEARING STRATUM ZONEREWORHSPREAD FOOTING BEARING CAPACITY2.5 KSFCONTINUOUS FOOTING BEARING CAPACITY2.0 KSF	KED SOILS, PER S201	CJ-4	PROVIDE CONTINUOUS W DESCRIBED IN THE SPEC
	SEE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS AI	ND INFORMATION. DESIGN VALUES SHALL	MA	MASONRY
	BE FIELD VERIFIED BY QUALIFIED GEOTECHNICAL ENGINEER RETA		MA-1	LOAD BEARING, NON-LOA CONFORM TO THE FOLLO
FN-3	THE CONTRACTOR SHALL VERIFY FOUNDATION INSTALLATION ANI WITH THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL			CONCRETE BLOCK:
FN-4	CONTRACTOR SHALL BE RESPONSIBLE TO ADEQUATELY PROTEC SHEET AND SHORE THE EXCAVATION WITH ALL REQUIRED TIEBAC CONTRACTOR'S ENGINEER.			
FN-5	PROVIDE BRACING FOR ALL BASEMENT FOUNDATION WALLS PRIC REMAIN IN PLACE UNTIL ALL SLABS AND BEAMS FRAMING INTO WA ATTAINED 100% OF THEIR DESIGN STRENGTH.			MORTAR USAGE (UON ON DRAWINGS):
FN-6	DO NOT BACKFILL AGAINST CANTILEVER RETAINING WALLS UNTIL DESIGN STRENGTH.	THE CONCRETE HAS ATTAINED 100% OF ITS		GROUT:
CM	CONCRETE MATERIALS			REINFORCEMENT: JOINT REINFORCEMEN
CM-1	CONCRETE STRENGTH SHALL MEET THE FOLLOWING 28-DAY COM	PRESSIVE STRENGTHS (f' c), UON:		EXTERIOR JT REINF: INTERIOR JT REINF:
	FOOTINGS, PILE CAPS AND PIERS	4,000 PSI 4,000 PSI		TYPICAL RELATIVE HUMIDITY
		4,000 PSI 8,000 PSI	MA-2	ADHESIVE ANCHORS: THE MINIMUM COMPRESS
CM-2	PROVIDE NORMALWEIGHT CONCRETE WITH CURED DENSITY OF 1 CONFORMING TO ASTM C33, UON. WHERE INDICATED, PROVIDE L			UNIT STRENGTH METHOD
	DENSITY OF 112+/-3 PCF AND AGGREGATE CONFORMING TO ASTM		MA-3	
CM-3	THE USE OF CALCIUM CHLORIDE AND OTHER CHLORIDE CONTAINI RECYCLED CONCRETE IS PROHIBITED. PLACEMENT WITHIN AND O INCLUDING ALUMINUM CONDUIT, AND CONCRETE IS PROHIBITED.		MA-4	PROVIDE FULL FACE SHE HEAD) FACE SHELL JOINT
RE	CONCRETE REINFORCEMENT		MA-5	PROVIDE FULL MORTAR C
RE-1	ALL CONCRETE SHALL INCLUDE REINFORCEMENT. IF REINFORCE	MENT IS NOT SPECIFICALLY INDICATED ON	MA-6	LAY MASONRY UNITS IN F
	THE DRAWINGS VERIFY WITH THE SER.		MA-7	REFER TO PLANS AND DE WHERE INDICATED ON DF JOINT REINFORCEMENT U
RE-2	REINFORCEMENT SHALL CONFORM TO THE FOLLOWING STANDAR DEFORMED BARS:	ASTM A615 Grade 60	MA-8	GROUT SOLID CELLS WIT
	WELDABLE DEFORMED BARS:	ASTM A706 ASTM A615 / A775		MASONRY IS IN CONTACT
		ASTM A1064 ASTM A1064 / A884	MA-9	GROUT MINIMUM OF ONE FOR ADDITIONAL REINFO
RE-3	DETAIL REINFORCEMENT BASED ON THE PROJECT REQUIREMENT	S, ACI-318 AND ACI-315, UON.	MA-10	WHERE STRAP ANCHORS BED JOINTS THAN THOSE
RE-4	WHERE A 90-DEG, 135 –DEG OR 180-DEG HOOK IS GRAPHICALLY IN STANDARD HOOKS UON.	IDICATED, PROVIDE CORRESPONDING ACI	MA-11	WHERE REQUIRED, LAP H
RE-5	DOWELS SHALL MATCH SIZE AND SPACING OF MAIN REINFORCEM	ENT UON.	MA-12	PLACE GROUT BY THE LC
RE-6	REINFORCEMENT SHALL HAVE CONCRETE PROTECTION (CLEAR C INDICATED ON THE DRAWINGS.	OVER) PER ACI 318 UNLESS OTHERWISE	SS	STRUCTURAL STEEL
RE-7	LAP REINFORCEMENT ONLY AT LOCATIONS AS SPECIFICALLY DET		SS-1	STEEL MATERIALS SHALL NOTED ON THE CONTRAC
	REINFORCEMENT MARKED AS CONTINUOUS CAN BE SPLICED AT L USING TENSION LAP SPLICES (LTS). SEE LAP SPLICE AND EMBEDM			ROLLED SHAPES AND
RE-8	UNLESS OTHERWISE NOTED ALL LAP SPLICES ARE TO BE TENSIOI EMBEDMENT SCHEDULE.	N LAP SPLICES PER LAP SPLICE AND		ANGLES FOR TRUSSES MISCELLANEOUS ANGI HOLLOW STRUCTURAL
RE-9	PROVIDE MECHANICAL SPLICES FOR BARS LARGER THAN #11 OR QUALIFIED, WELDED OR THREADED MECHANICAL SPLICES UON.	WHERE INDICATED. PROVIDE TENSILE, PRE-		
RE-10	LAP WELDED WIRE REINFORCEMENT TWO PANEL SPACINGS, UON			SEAMLESS PIPE:
RE-11	PROVIDE LAP SPLICE LOCATIONS AS FOLLOWS, UON: A. GRADE BEAM / WALL (TOP HORIZONTAL REINFORCEMENT): A	T CENTER OF SPAN	SS-2	PLATES CONNECTION MATERIAL S
	<ul> <li>B. GRADE BEAM / WALL (BOTTOM HORIZONTAL REINFORCEMENT): A</li> <li>B. GRADE BEAM / WALL (BOTTOM HORIZONTAL REINFORCEMENT): AT SUPPORT</li> <li>C. WALL INSIDE FACE (VERTICAL REINFORCEMENT): AT SUPPORT</li> <li>D. WALL OUTSIDE FACE (VERTICAL REINFORCEMENT): AT STOF</li> </ul>	IT): AT SUPPORTS RT	002	CONNECTION DESIGN:
	FOUNDATION WALLS, AT SUPPORT FOR OTHER WALLS E. UNLESS OTHERWISE NOTED TERMINATE BARS AT DISCONTI			WTs: PLATES:
	CONCRETE CONSTRUCTION JOINTS			BOLTS:
CJ				NUTS: WASHERS:
<u>СЈ</u> СЈ-1	PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI-318. PROPOSED CONSTRUCTION JOINT LOCATIONS, DETAILS AND THE APPROVAL PRIOR TO PROCEEDING WITH WORK.	PLACEMENT SEQUENCE FOR THE SER'S		ANCHOR RODS:
	PROPOSED CONSTRUCTION JOINT LOCATIONS, DETAILS AND THE	CONSTRUCTION JOINTS SHALL NOT BE BEAMS, BEAMS, UPTURNED BEAMS, SLABS,		ANCHOR RODS: HEADED STUDS:

		SS-3	W El
E VERTICAL CONSTRUCTION JOINTS TO PROVIDE A 60 FT LOCATE AS FOLLOWS: FOUNDATION WALLS: MINIMUM OF 8 FT FROM ANY WALL		SS-4	SI D
OPENING BEAMS AND GRADE BEAMS: WITHIN THE MIDDLE THIRD ( SUBJECT TO SER APPROVAL.	OF THE CLEAR SPAN AVOIDING LAP SPLICES,	SS-5	F( O
/IDE CONTINUOUS WATERSTOPS AT ALL CONSTRUCTION CRIBED IN THE SPECIFICATIONS AND WHERE INDICATED I		SS-6	PI PI Ti
ONRY		SS-7	SI
) BEARING, NON-LOAD BEARING, AND BACKUP WALL CON FORM TO THE FOLLOWING MATERIAL STANDARDS:	CRETE MASONRY CONSTRUCTION SHALL		El Pl
ONCRETE BLOCK:	ASTM C90, NORMALWEIGHT (135 PCF) (MINIMUM 28 DAY COMPRESSIVE STRENGTH 1900 PSI FOR S OR M OR 2150 PSI FOR N)	SS-8	FI DI
ORTAR:	ASTM C270, TYPE S, M OR N PORTLAND CEMENT / LIME ONLY BY PROPORTION	SC	S
		SC-1	Al "S
ON ON DRAWINGS):	USE TYPE S OR M MORTAR WHEN MASONRY IS IN DIRECT CONTACT WITH SOIL; USE TYPE S MORTAR FOR ALL EXTERIOR AND INTERIOR LOAD-BEARING	SC-2	AI SI
ROUT:	WALLS; ASTM C476 BY PROPORTION (MINIMUM 28 DAY COMPRESSIVE STRENGTH 2000 PSI)		TI Al
EINFORCEMENT: DINT REINFORCEMENT: (TERIOR JT REINF: TERIOR JT REINF:	ASTM A615, GRADE 60 ASTM A1064, TRUSS OR LADDER TYPE GALVANIZE PER ASTM A153	SC-3	UI AI C( IN
TYPICAL RELATIVE HUMIDITY >75% DHESIVE ANCHORS:	GALVANIZE PER ASTM A641 GALVANIZE PER ASTM A153 HILTI HIT-HY 70		L( R
MINIMUM COMPRESSIVE STRENGTH OF THE MASONRY (f STRENGTH METHOD IN ACCORDANCE WITH THE ABOVE I	m) SHALL BE 1,500 PSI UON, VERIFIED BY THE	SC-4	SI RI PI
CIUM CHLORIDE SHALL NOT BE USED IN MORTAR OR GRO	UT.		D
/IDE FULL FACE SHELL MORTAR COVERAGE ON MASONR` )) FACE SHELL JOINTS.	Y UNIT HORIZONTAL AND VERTICAL (BED AND	SC-5	AI C
/IDE FULL MORTAR COVERAGE ON WEBS AROUND ALL GI	ROUTED CELLS.	SC-6	F( Cl
MASONRY UNITS IN RUNNING BOND UON WITH UNITS DES	GIGNED TO ALIGN WITH WEBS IN EACH COURSE.	SC-7	D
ER TO PLANS AND DETAILS FOR BONDED JOINT REQUIREN RE INDICATED ON DRAWINGS, INTERLOCK WALLS WITH M T REINFORCEMENT UON ON DRAWINGS OR IN SPECIFICA	IETAL TIES, ANCHORS OR PREFABRICATED	SC-8	IN U: G
UT SOLID CELLS WITH REINFORCEMENT. GROUT SOLID C ONRY IS IN CONTACT WITH SOIL.	ELLS IN BELOW GRADE CONSTRUCTION WHERE	SC-9	O BI
UT MINIMUM OF ONE (1) CELL WITH REINFORCEMENT AT E ADDITIONAL REINFORCEMENT REQUIREMENTS.	EACH SIDE OF ALL OPENINGS. SEE DRAWINGS		
RE STRAP ANCHORS ARE REQUIRED BY DRAWINGS OR S JOINTS THAN THOSE RECEIVING HORIZONTAL JOINT REIN			
RE REQUIRED, LAP HORIZONTAL JOINT REINFORCEMENT	BY AT LEAST 6 INCHES.		
E GROUT BY THE LOW-LIFT METHOD. MAXIMUM GROUT F	POUR SHALL BE 4 FEET.		
JCTURAL STEEL			
EL MATERIALS SHALL CONFORM TO THE FOLLOWING MINI ED ON THE CONTRACT DOCUMENTS:	MUM REQUIREMENTS UNLESS OTHERWISE		
OLLED SHAPES AND CHANNELS:	ASTM A572 OR A992, MIN YIELD STRENGTH 50 KSI		
NGLES FOR TRUSSES AND BRACES: ISCELLANEOUS ANGLES:	ASTM A36 MIN YIELD STRENGTH 36 KSI ASTM A36		
OLLOW STRUCTURAL SECTIONS:	ASTM A500 GRADE B, MIN YIELD STRENGTH 42 KSI FOR ROUND AND 46 KSI FOR RECTANGULAR HSS		
EAMLESS PIPE:	ASTM A53 GRADE B, TYPE S, MIN YIELD STRENGTH 35 KSI.		
ATES	ASTM A572 OR A529, MIN YIELD STRENGTH 50 KSI		
NECTION MATERIAL SHALL CONFORM TO THE FOLLOWING NECTION DESIGN:	3 MINIMUM REQUIREMENTS OR AS NEEDED FOR		
NGLES: Ts:	ASTM A36 ASTM A992		
ATES:	ASTM A36, MIN YIELD STRENGTH 36 KSI OR ASTM A572 OR A529, MINIMUM YIELD STRENGTH 50 KSI		
DLTS: JTS:	ASTM A325 OR A490 ASTM A563	SC-10	Al D
ASHERS: NCHOR RODS:	ASTM F436 ASTM F1554 GRADE 55 WITH WELDABILITY		F( SI
EADED STUDS:	ASTM F1554 GRADE 55 WITH WELDABILITY SUPPLEMENT S1 ASTM A 108, GRADE 1010 THROUGH 1020 HEADED STUD TYPE, COLD-FINISHED	SC-11	A U

S-3	WHERE NO CAMBER IS INDICATED, FABRICATE BEA
	ERECTION.

- SPLICES SHALL BE ALLOWED ONLY AT LOCATIONS SPECIFICALLY INDICATED ON THE STRUCTURAL DRAWINGS UNLESS APPROVED OTHERWISE BY THE SER IN WRITING.
- OR APPROVED ZINC RICH EXTERIOR COATING SYSTEM.
- PROVIDE HOLES IN ALL STEEL AS REQUIRED TO PREVENT ANY ACCUMULATION OF WATER. ALL HESE DRAINS MUST BE KEPT CLEAN AND OPEN.
- PROFESSIONALS.
- DESIGN PROFESSIONALS.
- STRUCTURAL STEEL CONNECTIONS
- ALL STEEL DETAILS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", AISC-LOAD AND RESISTANCE FACTOR DESIGN.
- HE STATE WHERE THE PROJECT IS LOCATED. THE DESIGN AND DETAILING SHALL COMPLY WITH ALL APPLICABLE CODES AND SPECIFICATION SECTIONS.
- OADS. THESE DETAILS DO NOT SHOW ERECTION AIDS. PROVIDE ERECTION AIDS AS REQUIRED AND REMOVE THEM AFTER WORK IS COMPLETE.
- DRAWINGS PROVIDE FULL SHEAR CAPACITY (.54 Fy d tw).
- CONTRACTOR FORMALLY SUBMITS ALTERNATES AND THE SER APPROVES THE SUBMITTAL
- CENTERLINES, UON.
- NDICATED ON THE DRAWINGS ARE FACTORED UON.
- JSE NO MORE THAN TWO BOLT DIAMETERS, ALL BOLTS OF THE SAME DIAMETER SHALL BE OF THE SAME OR AS COORDINATED WITH COMPLETELY DESIGNED CONNECTIONS.
- BEAM CONNECTION DESIGN NOTES
  - SHOWN IN SCHEDULES.
  - ELEVATIONS.

  - DEVELOP THE LARGER OF THE AXIAL FORCE DENOTED AS TF SHOWN ON PLANS OR SHOWN ON ELEVATIONS. SEE STEEL BEAM LEGEND.

ALL BEAM REACTIONS, AXIAL FORCES AND MOMENTS SHOWN ACT CONCURRENTLY. UON, BEAM REACTIONS ACT IN GRAVITY DIRECTION WHILE AXIAL FORCES AND MOMENTS ARE TO BE CONSIDERED REVERSIBLE.

WHERE NO AXIAL FORCE IS SHOWN, ALL BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM AXIAL FORCE EQUAL TO 5% OF THE FACTORED DEAD LOAD PLUS LIVE LOAD VERTICAL BEAM SHEAR. FOR THE PURPOSES OF DESIGNING FOR THIS MINIMUM AXIAL FORCE: THE VERTICAL BEAM SHEAR AND CORRESPONDING MINIMUM AXIAL FORCE NEED NOT BE CONSIDERED TO ACT CONCURRENTLY AND BEARING BOLTS IN CONNECTIONS WITH SHORT SLOTTED HOLES PARALLEL TO THE AXIAL FORCE ARE PERMITTED.

EXCEPT WHERE "SNUG TIGHT" INSTALLATION IS SPECIFICALLY PERMITTED ON DRAWINGS OR "SLIP CRITICAL" DETAILING IS REQUIRED, ALL HIGH STRENGTH BOLTS SHALL BE INSTALLED AS FULL PRETENSIONED BOLTS.

- STANDARD HOLES.
- ON THE DRAWINGS OR APPROVED IN WRITING BY THE SER.
- ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE STRUCTURAL WELDING CODE, ANSI/AWS CCORDANCE WITH AWS AS REQUIRED BY GAPS OR SKEWS BETWEEN COMPONENTS.
- SC-11 USE RUNOFF TABS AT ALL BEVEL AND COMPLETE JOINT PENETRATION WELDS. REMOVE RUNOFF TABS BY NEAT CUTS AFTER WELD IS COMPLETED. GRIND SMOOTH WHERE REQUIRED BY DETAIL.
- SC-12 WHERE REQUIRED BY DETAIL REMOVE WELD BACK UP BARS AND GRIND SMOOTH AFTER WELD IS COMPLETED.
- SC-13 DESIGN, DETAIL, FURNISH AND INSTALL STIFFENERS, CONTINUITY PLATES, DOUBLER PLATES, OR OTHER THE DRAWINGS ARE BASED ON MEMBER BEHAVIOR AWAY FROM CONNECTIONS.

CARBON STEEL, AWS D1.1. TYPE B. 3/4"

DIAMETER UON

E70XX

AMS SO THAT ANY NATURAL CAMBER IS UPWARD AFTER

FOR STEEL MEMBERS AND EMBEDMENTS EXPOSED TO WEATHER, PROVIDE HOT-DIPPED GALVANIZED FINISH

PENETRATIONS THROUGH MAIN MEMBERS SHALL NOT EXCEED 1 1/8" DIA. AND SHALL BE GROUND SMOOTH.

SHOW ALL COPES, HOLES, OPENINGS AND MODIFICATIONS REQUIRED IN STRUCTURAL STEEL MEMBERS FOR RECTION OR THE WORK OF OTHER TRADES ON THE SHOP DRAWINGS FOR APPROVAL BY THE DESIGN

FIELD MODIFICATION OF STRUCTURAL STEEL IS PROHIBITED WITHOUT PRIOR WRITTEN APPROVAL OF THE

ALL CONNECTIONS, UNLESS INDICATED AS BEING COMPLETELY DESIGNED ON THE STRUCTURAL DRAWINGS, SHALL BE DESIGNED AND DETAILED BY A PROFESSIONAL ENGINEER OR STRUCTURAL ENGINEER LICENSED IN

INLESS OTHERWISE NOTED, DETAILS INDICATED ON DRAWINGS INDICATE GENERAL CRITERIA FOR DESIGN ND DETAILING OF CONNECTIONS. DETAILS INDICATED ON DRAWINGS ARE NOT INTENDED TO CONVEY COMPLETE CONNECTOR SIZES, PLATE SIZES, WELD SIZES, NUMBER OF BOLTS, OR ANY OTHER SPECIFIC NFORMATION THAT IS OBTAINED THROUGH DESIGNING OF AN INDIVIDUAL CONNECTION FOR A GIVEN SET OF

UBMIT CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS TO THE SER FOR REVIEW PRIOR TO EVIEW OF SHOP DRAWINGS. FOR BIDDING PURPOSES, WHERE NO MOMENT IS INDICATED ON DRAWINGS PROVIDE FULL MOMENT CAPACITY OF MEMBER (.9 Fy Z) AND WHERE NO VERTICAL SHEAR IS INDICATED ON

LTERNATE CONNECTIONS TO THOSE SHOWN ON DRAWINGS WILL ONLY BE CONSIDERED ACCEPTABLE IF

FOR CONNECTION DESIGN AND DETAILING, SET CONNECTION WORK POINT AT INTERSECTION OF MEMBER

DESIGN ALL CONNECTIONS FOR FORCES INDICATED ON THE DRAWINGS. CONNECTION DESIGN FORCES

GRADE, SKIP ONE SIZE BETWEEN DIAMETERS. BOLTS TO BE A MINIMUM OF 3/4-INCH DIAMETER GRADE A325

SEE PLANS AND ELEVATIONS FOR BEAM REACTIONS AND MOMENTS THAT ARE LARGER THAN THE VALUE

DEVELOP THE LARGER OF THE BEAM SHEAR REACTION SCHEDULED, SHOWN ON PLANS OR SHOWN ON

DEVELOP THE LARGER OF THE MOMENT SCHEDULED, SHOWN ON PLANS OR SHOWN ON ELEVATIONS.

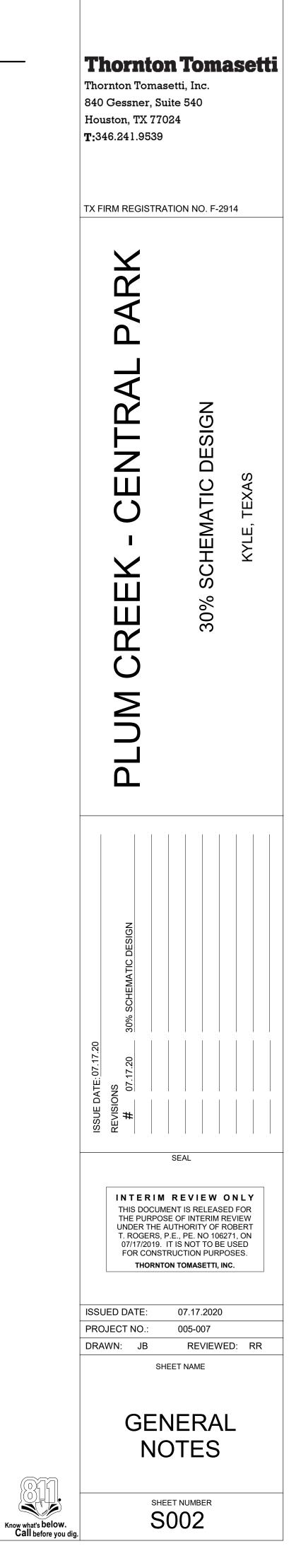
AT A MINIMUM ALL BOLTED MOMENT AND AXIAL CONNECTION SHALL HAVE PRETENSIONED BOLTS IN

BOLTED MOMENT CONNECTIONS AT CANTILEVERS AND BACKSPANS SHALL USE SLIP CRITICAL BOLTS.

DO NOT USE OVERSIZED OR SLOTTED HOLES FOR ANY CONNECTIONS UNLESS SPECIFICALLY INDICATED

D1.1, LATEST EDITION. ALL WELD SIZES SHALL BE THE LARGER OF THE SIZE REQUIRED BY CONNECTION ORCES, THE MINIMUM SIZE PER ANSI/AWS D1.1, OR 3/16 INCH MINIMUM FILLET WELD UON. ANY WELD SIZES SHOWN ON THE DESIGN DRAWINGS ARE CONSIDERED EFFECTIVE WELD SIZES AND SHALL BE INCREASED IN

NECESSARY ADDITIONAL LOCAL STRENGTHENING MEASURES AS REQUIRED. MEMBER SIZES INDICATED ON



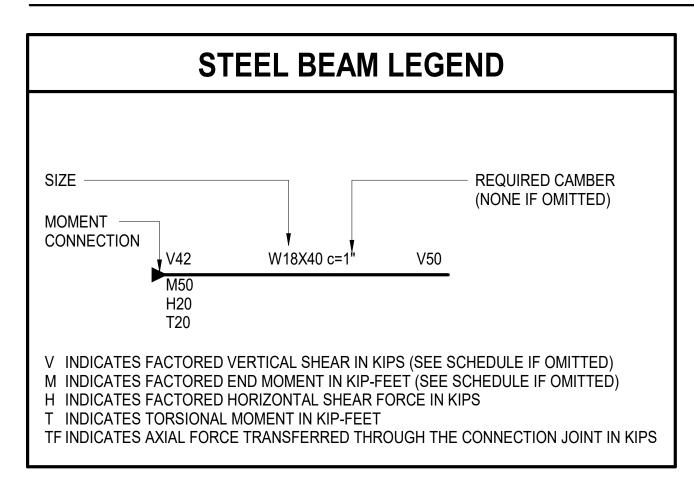
0 D		
<u>SD</u> SD-1	STEEL DECK GENERAL REQUIREMENTS THE DESIGN, MANUFACTURE AND ERECTION OF STEEL DECK AND ITS ANCHORAGE SHALL, A	
50-1	IN ACCORDANCE WITH "DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS AND ROOF E STEEL DECK INSTITUTE (SDI), CURRENT EDITION AND "SPECIFICATIONS FOR DESIGN OF LIGH FORMED STEEL STRUCTURAL MEMBERS" AS PUBLISHED BY THE AMERICAN IRON AND STEEL CURRENT EDITION.	DECKS' IT GAG
SD-2	CONFIGURE ALL STEEL DECK USING THREE SPAN CONTINUOUS LAYOUTS WHEREVER POSSI	BLE.
SD-3	CONFIGURE ALL STEEL DECK AS SHOWN ON THE DRAWINGS.	
RD	STEEL ROOF DECK	
RD-1	STEEL ROOF DECK SHALL CONFORM TO THE FOLLOWING STANDARDS AND MATERIAL PROPE	ERTIES
	STEEL FOR DECKASTM A653, MINIMUM YIELD STRENGTH OF 33 KSIHOT-DIP GALVANIZINGASTM A653 G60	
	ROOF DECK SHALL BE HOT-DIP GALVANIZED, UON	
RD-2	PROVIDE STEEL ROOF DECK AS FOLLOWS:	
	AT 1 1/2" ROOF DECK: 1 1/2 - INCH 20 GA. TYPE B GALVANIZED ROOF DECK	
RD-3	ROOF DECK AND ITS ANCHORAGE TO SUPPORTING MEMBERS SHALL MEET THE FOLLOWING FASTENING REQUIREMENTS AT ENDS OF UNITS, AT ALL INTERMEDIATE SUPPORTS AND SIDE ADJACENT UNITS. SIDE LAPS SHALL BE FASTENED BY SIDE LAP SCREWS.	
	1 1/2" METAL DECK: 36/5 WITH 6 SIDE LAPS AND 5/8" PUDDLE WELDS AT 6 INCHES OC M	AX
RD-4	NO LOADS SHALL BE HUNG DIRECTLY FROM STEEL ROOF DECK WITHOUT PRIOR WRITTEN AI DECK SUPPLIER AND REVIEW BY THE SER.	PRO
RD-5	DECKING CONTRACTOR SHALL COORDINATE DECK OPENING SIZES AND LOCATIONS FROM A AND MEP CONTRACT DOCUMENTS, PROVIDE HEADER MEMBERS OR REINFORCEMENT AS RE TYPICAL DETAILS EVEN IF NOT SHOWN ON THE PLANS, AND SUBMIT PROPOSED OPENINGS T SLAB/DECK FOR REVIEW BY THE DESIGN PROFESSIONALS.	QUIRE
PA	POST-INSTALLED ANCHORS	
PA-1	ADHESIVE ANCHOR SYSTEMS USED FOR DESIGN:	
	SEISMIC DESIGN CATEGORY A - F	
	ADHESIVE: HILTI HIT-HY 200 HILTI, DALLAS, TX	
	THREADED ROD: HILTI HAS	
	OVERHEAD AND/OR CONSTANT TENSION ADHESIVE ANCHOR INSTALLATIONS NOT SHOWN DRAWINGS SHALL NOT BE PERMITTED UNLESS EACH CONDITION IS REVIEWED AND APPR BY THE SER.	
PA-2	PROOF TESTING OF ADHESIVE ANCHORS SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS. UNLESS NOTED OTHERWISE, ADHESIVE ANCHOR PROOF TENSION LOADS THE ADHESIVE ANCHOR PROOF SCHEDULES.	
PA-3	FIELD DRILLED EXPANSION ANCHOR SYSTEMS USED FOR DESIGN:	
	SEISMIC DESIGN CATEGORY A - F KWIK BOLT TZ SEISMIC DESIGN CATEGORY A - B AT LOCATIONS SPECIFICALLY NOTED IN DETAILS ONI KWIK BOLT 3	.Y
PA-4	PROOF TESTING OF EXPANSION ANCHORS SHALL BE PERFORMED IN ACCORDANCE WITH TH SPECIFICATIONS. UNLESS NOTED OTHERWISE, EXPANSION ANCHOR PROOF TORQUE LOADS THE EXPANSION ANCHOR PROOF SCHEDULES.	
PA-5	FIELD DRILLED THREADED SCREW ANCHOR SYSTEMS USED FOR DESIGN:	
	HUS-EZ	
PA-6	ALTERNATIVE SYSTEM EQUIVALENT TO OR EXCEEDING THE PROPERTIES OF THE SYSTEMS	ABOVI
PA-7	CONSIDERED AS A SUBSTITUTION REQUEST. SEE PROJECT SPECIFICATIONS. ANCHORS ARE TO BE MINIMUM 3/4" DIAMETER WITH A MINIMUM EMBEDMENT OF 6", UON.	
PA-7 PA-8	INSTALL ANCHORS TO MEET THE REQUIREMENTS INDICATED IN THE CONTRACT DOCUMENTS	
PA-9	CURRENT MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS (MPII). LOCATE, BY NON-DESTRUCTIVE MEANS, AND AVOID ALL EXISTING REINFORCEMENT PRIOR T	O INS
	OF ANCHORS. IF EXISTING REINFORCING LAYOUT PROHIBITS THE INSTALLATION OF ANCHOR ON THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN PROFESSIO	RS AS DNALS
PA-10	INSTALL MASONRY ANCHORS IN SOLID MASONRY OR IN HOLLOW MASONRY THAT HAS BEEN AT LEAST ONE COURSE ABOVE TO ONE COURSE BELOW THE ANCHOR, UON.	GROL
PA-11	SEE PROJECT SPECIFICATIONS FOR POST-INSTALLED ANCHOR INSPECTION REQUIREMENTS	

2

# STRUCTURAL ABBREVIATION LIST

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
ADDL	ADDITIONAL	FIN	FINISH(ED)
ADJ	ADJACENT	FLR	FLOOR
ALT	ALTERNATE	FND	FOUNDATION
APPRX	APPROXIMATE	FP	FIREPROOF(ING)
ARCH	ARCHITECT OR ARCHITECTURAL	FS	FAR SIDE
B/	BOTTOM OF	FTG	FOOTING
B/B	BACK TO BACK	GA	GAGE, GAUGE
BAL	BALANCE	GALV	GALVANIZED
BLDG	BUILDING	GB	GRADE BEAM
BLK	BLOCK	GEN	GENERAL
BLKG	BLOCKING	GR	GRADE
BM	BEAM	НК	HOOK
BOT	ВОТТОМ	HORIZ	HORIZONTAL
BRDG	BRIDGING	HP	HIGH POINT
BRG	BEARING	HT	HEIGHT
BTWN	BETWEEN	ID	INSIDE DIAMETER
С	COMPRESSION	IF	INSIDE FACE
C/C	CENTER TO CENTER	INFO	INFORMATION
CIP	CAST-IN-PLACE	INT	INTERIOR
CL	CENTER LINE	INTRM	INTERMEDIATE
CLR	CLEAR OR CLEARANCE	JST(S)	JOIST(S)
CMU	CONCRETE MASONRY UNIT	JT	JOINT
COL	COLUMN	K	KIPS (1,000 POUNDS)
COMP	COMPRESSION	KLF	KIP PER LINEAR FOOT
CONC	CONCRETE	KSF	KIP PER SQUARE FOOT
CONN	CONNECTION(S)	LL	LIVE LOAD
CONST	CONSTRUCTION	LLH	LONG LEG HORIZONTAL
CONT	CONTINUOUS	LLV	LONG LEG VERTICAL
db	REINFORCING BAR DIAMETER	LONG	LONGITUDINAL
DBL	DOUBLE	LP	LOW POINT
DCW	DEMAND CRITICAL WELD	LW	LIGHTWEIGHT
DEG	DEGREE(S)	LWC	LIGHTWEIGHT CONCRETE
DET	DETAIL	Μ	MOMENT
DIA	DIAMETER	MATL	MATERIAL
DIAG	DIAGONAL	MAX	MAXIMUM
DIM(S)	DIMENSION(S)	MC	MOMENT CONNECTION(S)
DL	DEAD LOAD	MECH	MECHANICAL
DWG(S)	DRAWING(S)	MEP	MECHANICAL, ELECTRICAL, PLUMBING,
DWL	DOWEL(S)		FIRE PROTECTION
EA	EACH	MEZZ	MEZZANINE
ECC	ECCENTRICITY	MFR	MANUFACTURER
EF	EACH FACE	MID	MIDDLE
EL	ELEVATION	MIN	MINIMUM
ELEC	ELECTRICAL	MISC	MISCELLANEOUS
ENGR	ENGINEER	NIC	NOT IN CONTRACT
EOD	EDGE OF DECK	NO	NUMBER
EOS	EDGE OF SLAB	NOM	NOMINAL
EQ	EQUAL	NS	NEAR SIDE
EQUIP	EQUIPMENT	NTS	NOT TO SCALE
EW	EACH WAY	NW	NORMAL WEIGHT
EXP	EXPANSION	NWC	
EXST	EXISTING	00	ON CENTER
EXT	EXTERIOR	OD	OUTSIDE DIAMETER
F/F	FACE TO FACE	OF	OUTSIDE FACE

## STRUCTURAL LEGENDS



ABBREVIATION	I
ОН	(
OPNG(S)	(
OPP	(
OSL	(
PC	I
PCY	I
PERP	I
PG	I
PL	I
PRC	ł
PRLL	I
PSF	I
PSI	I
PT	I
RAD	I
REF	I
REINF	I
REQD	I
S&T	ę
SCHED	
SDL	ę
SECT	ę
SER	ę
SF	ę
SHT	ę
SIM	ę
SLRS	ę
SOG	ę
SP	(
SPEC(S)	
STD	ę
071	

STL

STR STRCTL

SYM

T&B

TEMP TEN

THK TYP UON

V

VERT VIF W/ W/O

WD

WP

WS

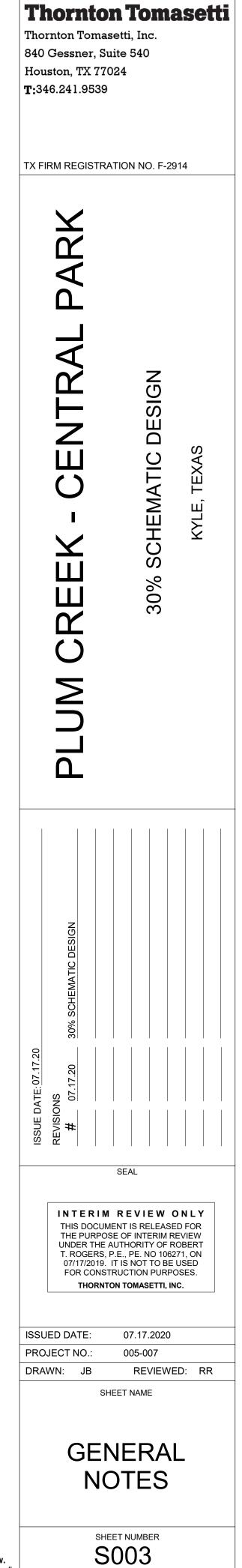
WWR

WPFG

T/

DESCRIPTION
OPPOSITE HAND OPENING(S) OPPOSITE OUTSTANDING LEG
PIECE POUNDS PER CUBIC YARD PERPENDICULAR PLATE GIRDER PLATE
PRECAST PARALLEL
POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH POINT OR POST-TENSION(ED) OR (ING) RADIUS
REFERENCE REINFORCE(D) (ING) OR (MENT) REQUIRED
SHRINKAGE AND TEMPERATURE SCHEDULE(D)
SUPERIMPOSED DEAD LOAD SECTION STRUCTURAL ENGINEER OF RECORD
SQUARE FOOT (FEET) SHEET SIMILAR
SEISMIC LOAD RESISTING SYSTEM SLAB ON GRADE SPACE
SPECIFICATION(S) STANDARD STEEL
STRUCTURE STRUCTURAL
SYMMETRICAL TENSION TOP AND BOTTOM
TOP OF TEMPERATURE OR TEMPORARY TENSION
THICK OR THICKNESS TYPICAL
UNLESS OTHERWISE NOTED SHEAR VERTICAL
VERIFY IN FIELD WITH WITHOUT
WOOD WORK POINT
WATERPROOFING WATERSTOP WELDED WIRE REINFORCEMENT

(6)





# WALL REINFORCEMENT - VERTICAL INSIDE BARS LAP SPLICE LENGTH SCHEDULE (INCHES)

BAR	MINIMUM BAR		<b>TENSION (LT</b>	S)	COMPRE
SIZE	SPACING (INCHES)	f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI	(LCS
#4	5.500	15	14	13	15
#5	5.375	23	20	18	19
#6	5.250	31	28	25	23
#7	5.125	50	45	41	27
#8	5.000	62	56	51	30
#9	4.875	76	68	62	34
#10	4.750	92	82	75	39
#11	4.625	108	97	89	43

## WALL REINFORCEMENT - VERTICAL OUTSIDE BARS LAP SPLICE LENGTH SCHEDULE (INCHES)

BAR	MINIMUM BAR		TENSION (LTS	5)	COMPRE
SIZE	SPACING (INCHES)	f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI	(LCS
#4	5.500	15	14	13	15
#5	5.375	19	17	16	19
#6	5.250	23	20	19	23
#7	5.125	33	29	27	27
#8	5.000	37	34	31	30
#9	4.875	49	44	40	34
#10	4.750	63	57	52	39
#11	4.625	80	72	65	43

# WALL REINFORCEMENT - HORIZONTAL INSIDE BARS LAP SPLICE LENGTH SCHEDULE (INCHES)

BAR	MINIMUM BAR	-	<b>FENSION (LTS</b>		COMPRESSION
SIZE	SPACING (INCHES)	f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI	(LCS)
#4	5.500	20	18	16	15
#5	5.375	25	22	20	19
#6	5.250	29	26	24	23
#7	5.125	48	43	39	27
#8	5.000	61	54	50	30
#9	4.875	75	67	61	34
#10	4.750	91	82	75	39
#11	4.625	109	97	89	43

# I AD SDI ICE I ENGTU SCUEDI II E (INCUES)

BAR	MINIMUM BAR	7	<b>FENSION (LTS</b>		COMPRESSION
SIZE	SPACING (INCHES)	f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI	(LCS)
#4	5.500	20	18	16	15
#5	5.375	25	22	20	19
#6	5.250	29	26	24	23
#7	5.125	43	38	35	27
#8	5.000	49	44	40	30
#9	4.875	63	57	52	34
#10	4.750	82	74	67	39
#11	4.625	104	93	85	43

# 

					D	EVI	EL(	DPI	ME	NT	LEI	NG [.]	TΗ	SC	HE	DL	JLE	II) I	NC	HES	S)								SI	EE NC	DTE 5
										-	TENS	SION													CON	/IPR	ESS	SION			
	MINIMUM BAR			NC	DTED	AS Ld	ON D	RAWI	NGS					NOT	ED AS	S Ldh	ON D	RAWI	NGS					NOT	ED A	S Ldc	ON D	RAWI	NGS		
BAR	SPACING					f'c	(PSI)									f'c (	PSI)	-	•							f'c (	PSI)				
SIZE	(INCHES) [MAX(1",db) + db] NOTE 2	3000	4000	5000	6000	2000	8000	0006	10,000	11,000	12,000	3000	4000	5000	0009	2000	8000	0006	10,000	11,000	12,000	3000	4000	5000	6000	2000	8000	0006	10,000	11,000	12,000
#4	1.500	22	19	17	16	15	14	13	12	12	12	11	10	9	8	8	7	7	6	6	6	11	10	9	9	9	9	9	9	9	9
#5	1.625	28	24	22	20	18	17	16	15	15	15	14	12	11	10	9	9	8	8	8	8	14	12	12	12	12	12	12	12	12	12
#6	1.750	33	29	26	24	22	21	19	18	18	18	17	15	13	12	11	11	10	9	9	9	17	15	14	14	14	14	14	14	14	14
#7	1.875	48	42	38	34	32	30	28	27	27	27	20	17	15	14	13	12	12	11	11	11	20	17	16	16	16	16	16	16	16	16
#8	2.000	55	48	43	39	36	34	32	30	30	30	22	19	17	16	15	14	13	12	12	12	22	19	18	18	18	18	18	18	18	18
#9	2.375	62	54	48	44	41	38	36	34	34	34	25	22	20	18	17	16	15	14	14	14	25	22	21	21	21	21	21	21	21	21
#10	2.625	70	61	54	50	46	43	41	39	39	39	28	25	22	20	19	18	17	16	16	16	28	25	23	23	23	23	23	23	23	23
#11	2.875	78	67	60	55	51	48	45	43	43	43	31	27	24	22	21	19	18	17	17	17	31	27	26	26	26	26	26	26	26	26

**DEVELOPMENT LENGTH SCHEDULE NOTES:** 

1. WHERE MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE DEVELOPMENT LENGTH, MULTIPLY Ld BY 1.3.

2. WHERE STIRRUPS OR TIES ARE NOT PRESENT THROUGHOUT Ld, MINIMUM BAR SPACING MUST BE INCREASED TO [MAX(1", db) + 2db] FOR SCHEDULED VALUES TO BE APPLICABLE.

(2)

		N1	
		N	
(LCS	5)		
15			
19			
23			
27			
30			
34			
39			
43			
RS			
	SEE	NOTE 5	
IPRE			
	SSIO		
IPRE (LCS 15	SSIO		
(LCS	SSIO		
<b>(LCS</b>	SSIO		
(LCS 15 19	SSIO		
(LCS) 15 19 23	SSIO		
(LCS) 15 19 23 27	SSIO		
(LCS) 15 19 23 27 30	SSIO		
(LCS) 15 19 23 27 30 34	SSIO		
(LCS) 15 19 23 27 30 34 39 43	SSIO		
(LCS) 15 19 23 27 30 34 39	SSIO		
(LCS) 15 19 23 27 30 34 39 43	SSIO	N	
(LCS) 15 19 23 27 30 34 39 43 <b>RS</b>	SSIO S)	N OTE 5	
(LCS) 15 19 23 27 30 34 39 43 <b>RS</b>	SSIO S) SEE NO	N OTE 5	
(LCS 15 19 23 27 30 34 39 43 <b>RS</b>	SSIO S) SEE NO	N OTE 5	
(LCS) 15 19 23 27 30 34 39 43 <b>RS</b>	SSIO S) SEE NO	N OTE 5	

#### **SLAB/SLAB-ON-GRADE REINFORCEMENT** LAP SPLICE LENGTH SCHEDULE (INCHES) **SEE NOTE 5**

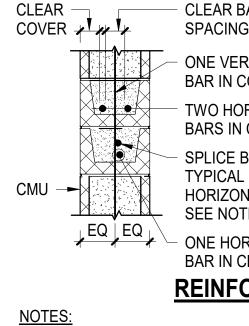
			•		
BAR	MINIMUM BAR	TENSION (LTS)			
SIZE	SPACING (INCHES)	f'c = 3 KSI	f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI
#4	5.500	22	19	17	16
#5	5.375	32	28	25	23
#6	5.250	43	37	34	31
#7	5.125	69	60	54	49
#8	5.000	86	74	67	61

# DRILLED PIER REINFORCEMENT LAP SPLICE LENGTH SCHEDULE (INCHES)

BAR	MINIMUM BAR	TENSION (LTS) CO			COMPRESSION
SIZE	SPACING (INCHES)	f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI	(LCS)
#5	4.375	19	17	16	19
#6	4.250	23	20	19	23
#7	4.125	35	31	29	27
#8	4.000	47	42	38	30
#9	3.875	61	55	50	34
#10	3.750	79	71	64	39
#11	3.625	87	78	71	43

# **FOOTING/MAT REINFORCEMENT** LAP SPLICE LENGTH SCHEDULE (INCHES)

BAR	MINIMUM BAR			TENSION	LAP (LTS)	LTS)			
	-	f'c = 4 KSI		f'c = 5 KSI		f'c = 6 KSI			
SIZE	SPACING (INCHES)	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER		
#4	5.500	20	15	18	14	16	13		
#5	5.375	25	19	22	17	20	16		
#6	5.250	29	23	26	20	24	19		
#7	5.125	43	33	38	29	35	27		
#8	5.000	49	37	44	34	40	31		
#9	4.875	63	49	57	44	52	40		
#10	4.750	82	63	74	57	67	52		
#11	4.625	104	80	93	72	85	65		



SPACING ONE VER BAR IN CO TWO HOR BARS IN C SPLICE B TYPICAL HORIZON SEE NOTE - ONE HORIZONTAL **BAR IN CELL** 

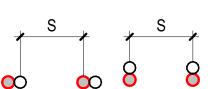
**SEE NOTE 5** 

- TWO BARS IN CELL OR COURSE
- SHALL BE STAGGERED
- **REQUIRED FOR THE LARGEST**
- 5. SPLICES OF HORIZONTAL REINFORCEMENT SHOULD BE PLACED VERTICALLY OVER MAIN BAR

CMU LAP SPLICE AND TENSION EMBEDMENT LENGTH (f'm = 1500 psi & fy = 60 ksi)				
SCHEDULED REINFORCEMENT	BAR SIZE			
CONDITION	#4	#4 #5	#6	
ONE BAR IN CELL OR COURSE (NOTE 1)	24"	26"	40"	
TWO BARS IN CELL OR COURSE	36"	45"	54"	

#### **CMU LAP SPLICE AND TENSION DETAIL AND SCHEDULES** 2 SCALE: 3/4" = 1'-0"

- LAP SPLICE NOTES:
- 1. TABULATED VALUES ARE PER ACI 318-14 REQUIREMENTS FOR NORMALWEIGHT CONCRETE. THE VALUES ON THIS SHEET DO NOT APPLY TO LIGHTWEIGHT CONCRETE
- 2. SEE TYPICAL DETAILS FOR CLEAR COVER.
- 3. MINIMUM BAR SPACING DIAGRAM "S"



- FIRST BAR O SECOND BAR PLACED
- OR SPLICE BAR
- 4. WHERE ACTUAL CONDITIONS DIFFER FROM THE CLEAR COVER SHOWN ON THE TYPICAL DETAILS OR DIFFER FROM PROVIDED SCHEDULED BAR SIZE, MINIMUM SPACING AND/OR f'c, LENGTHS SHALL BE ADJUSTED ONLY WITH THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.
- 5. TABULATED VALUES ARE FOR NON-EPOXY COATED, GRADE 60 REINFORCEMENT IN NORMALWEIGHT CONCRETE.
- 6. WHERE BARS OF DIFFERENT SIZES ARE LAP SPLICED IN TENSION, THE TENSION LAP SPLICE LENGTH (LTS) SHALL BE THE LARGER OF THE TENSION DEVELOPMENT LENGTH (Ld) OF THE LARGER BAR AND THE TENSION LAP SPLICE LENGTH OF THE SMALLER BAR.
- . WHERE BARS OF DIFFERENT SIZES ARE LAP SPLICED IN COMPRESSION, THE COMPRESSION LAP LENGTH (LCS) SHALL BE THE LARGER OF THE COMPRESSION DEVELOPMENT LENGTH (Ldc) OF THE LARGER BAR OR THE COMPRESSION LAP SPLICE LENGTH OF THE SMALLER BAR.
- "TOP BARS" ARE DEFINED AS HORIZONTAL REINFORCEMENT PLACED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE DEVELOPMENT LENGTH OR SPLICE . "OTHER BARS" ARE ALL BARS FOR WHICH THIS DOES NOT APPLY.

AR G	CLEAR BAR SPACING
RTICAL OURSE	TWO VERTICAL
RIZONTAL COURSE	BARS IN CELL ONE HORIZONTAL
BAR LOCATION FOR ITAL BARS	BAR IN CELL TWO HORIZONTAL BARS IN COURSE CMU

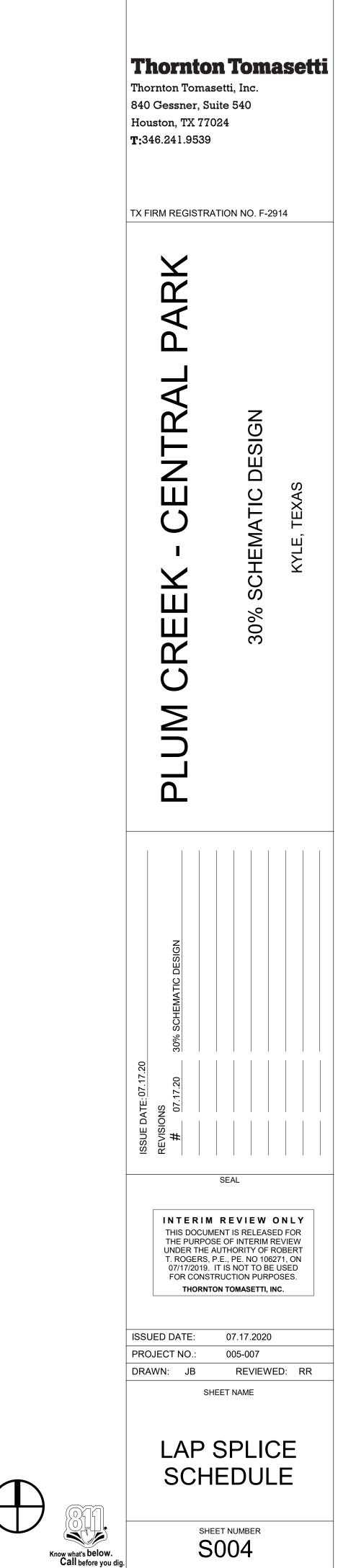
#### **REINFORCEMENT CONDITIONS**

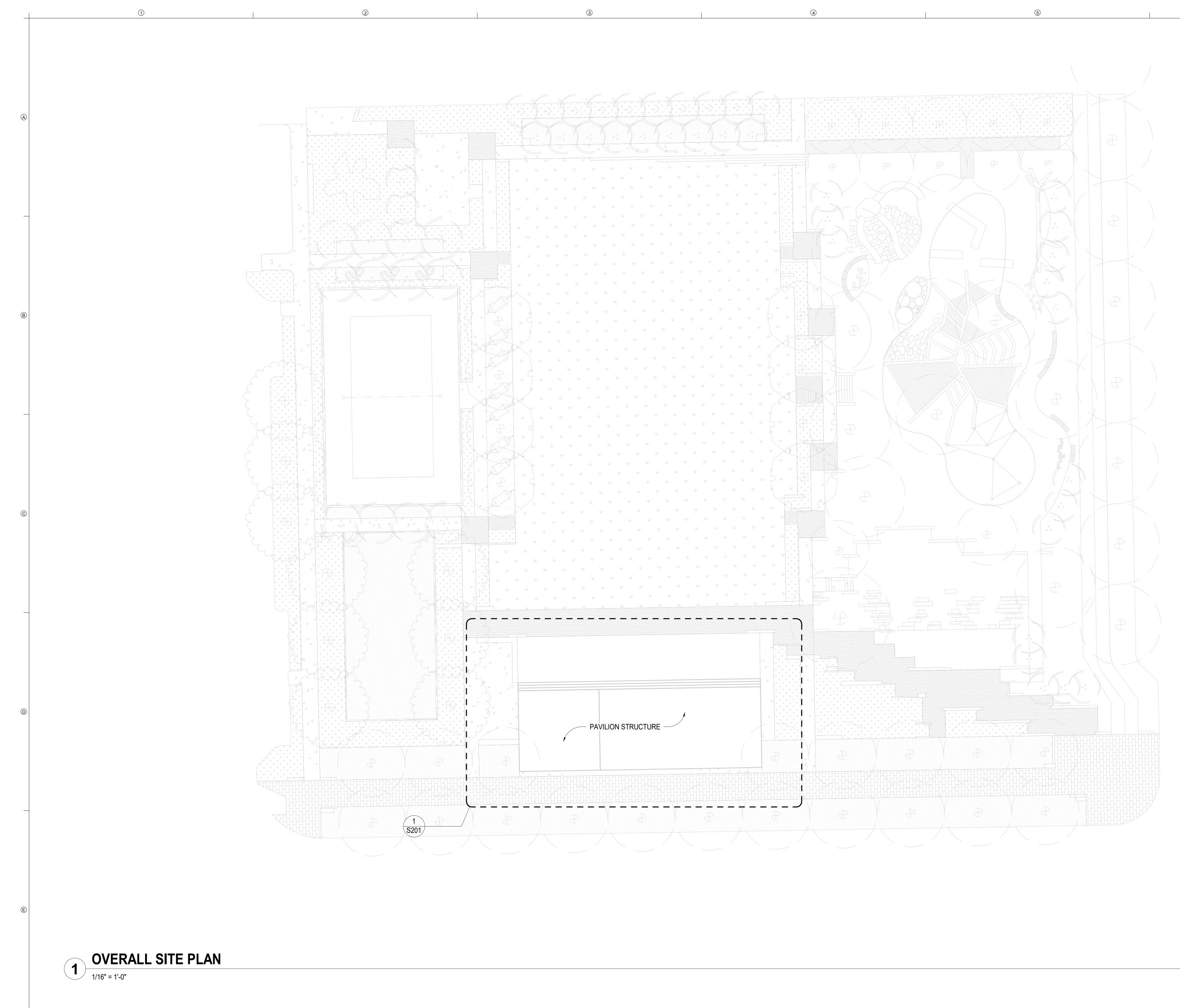
1. FOR 6" AND 8" WALLS WITH ONE HORIZONTAL BAR IN COURSE, USE SPLICE LENGTHS FOR

2. SPLICES OF HORIZONTAL REINFORCEMENT IN WALLS CONTAINING TWO BARS PER COURSE

3. WHERE BARS OF DIFFERENT SIZES ARE TO BE SPLICED, THE SPLICE LENGTH SHALL BE THAT

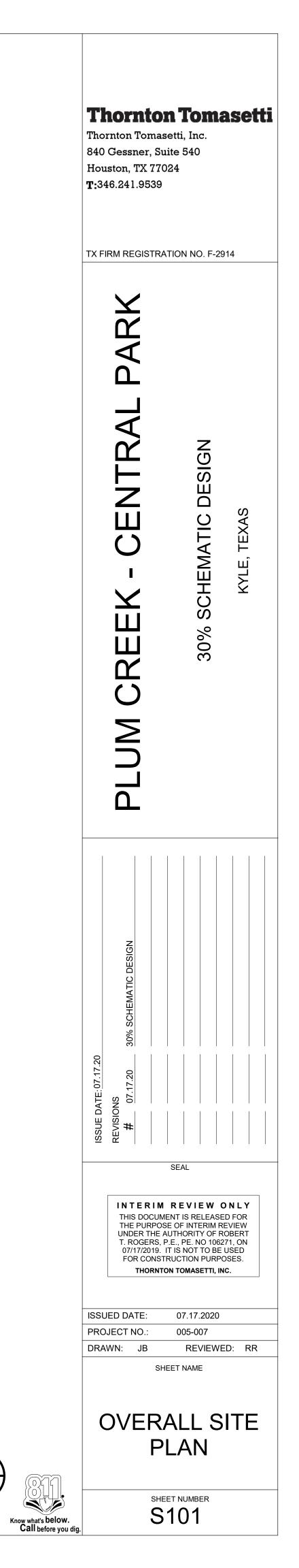
4. SEE TYPICAL REBAR LAYOUT DETAIL FOR MINIMUM CLEAR COVER TO INSIDE OF FACESHELL

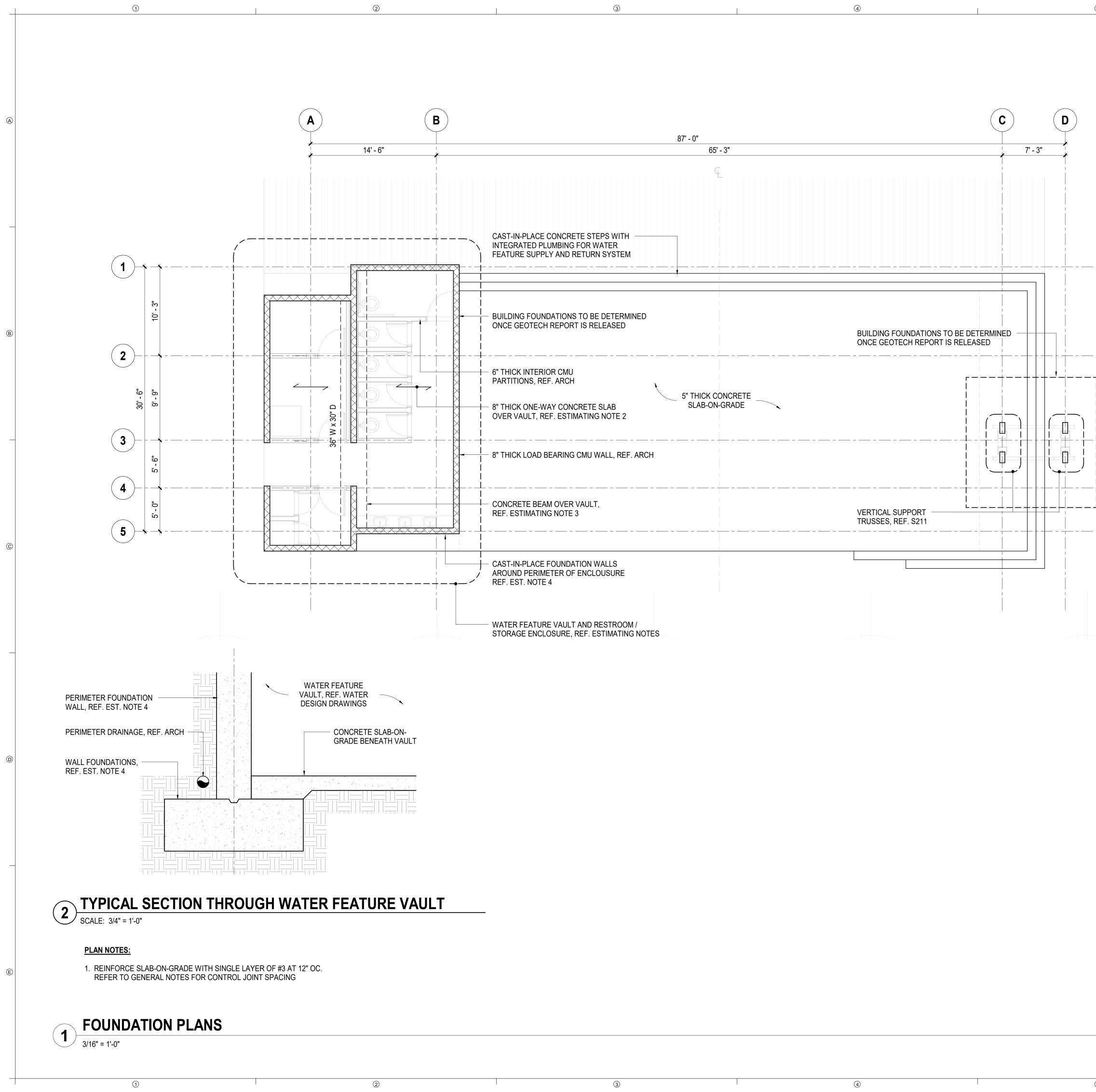




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(1)





## **Thornton Tomasetti**

Thornton Tomasetti, Inc. 840 Gessner, Suite 540 Houston, TX 77024 T:346.241.9539

TX FIRM REGISTRATION NO. F-2914

#### PRICE ESTIMATING NOTES:

#### 1. WATER FEATURE VAULT:

ASSUME 12-FEET DEEP UNDER GROUND WATER FEATURE VAULT. FOOTPRINT OF THE VAULT TO MATCH ABOVE GROUND RESTROOM / STORAGE ENCLOUSURE.

#### 2. CONCRETE SLAB OVER VAULT:

ALLOW FOR 5.00 PSF OF CONCRETE REINFORCING. REF. PLAN FOR SLAB THICKNESS.

#### 3. CONCRETE BEAM OVER VAULT:

ALLOW FOR CAST-IN-PLACE BEAM OVER VAULT. BEAM REINFORCING AS BEEN INCLUDED IN SLAB REINFORCING ALLOWANCE.

#### 4. FOUNDATION WALLS AROUND VAULT:

ALLOW FOR 12" THICK CAST-IN-PLACE CONCRETE WALLS WITH 6.00 PSF REINFORCING.

PROVIDE ALTERATE PRICE FOR 12" CMU WALLS, FULLY GROUT WITH #7 AT 8" OC.

ADDITIONALLY, PROVIDE ALLOWANCE FOR FOUNDATION ELEMENTS BENEATH WALL. WALL WILL BE SUPPORT BY CONTINUOUS FOOTING OR ISOLATED DRILLED PIERS.

#### 5. BUILDING FOUNDATIONS:

_ _ _ _ _ _ _ _ _

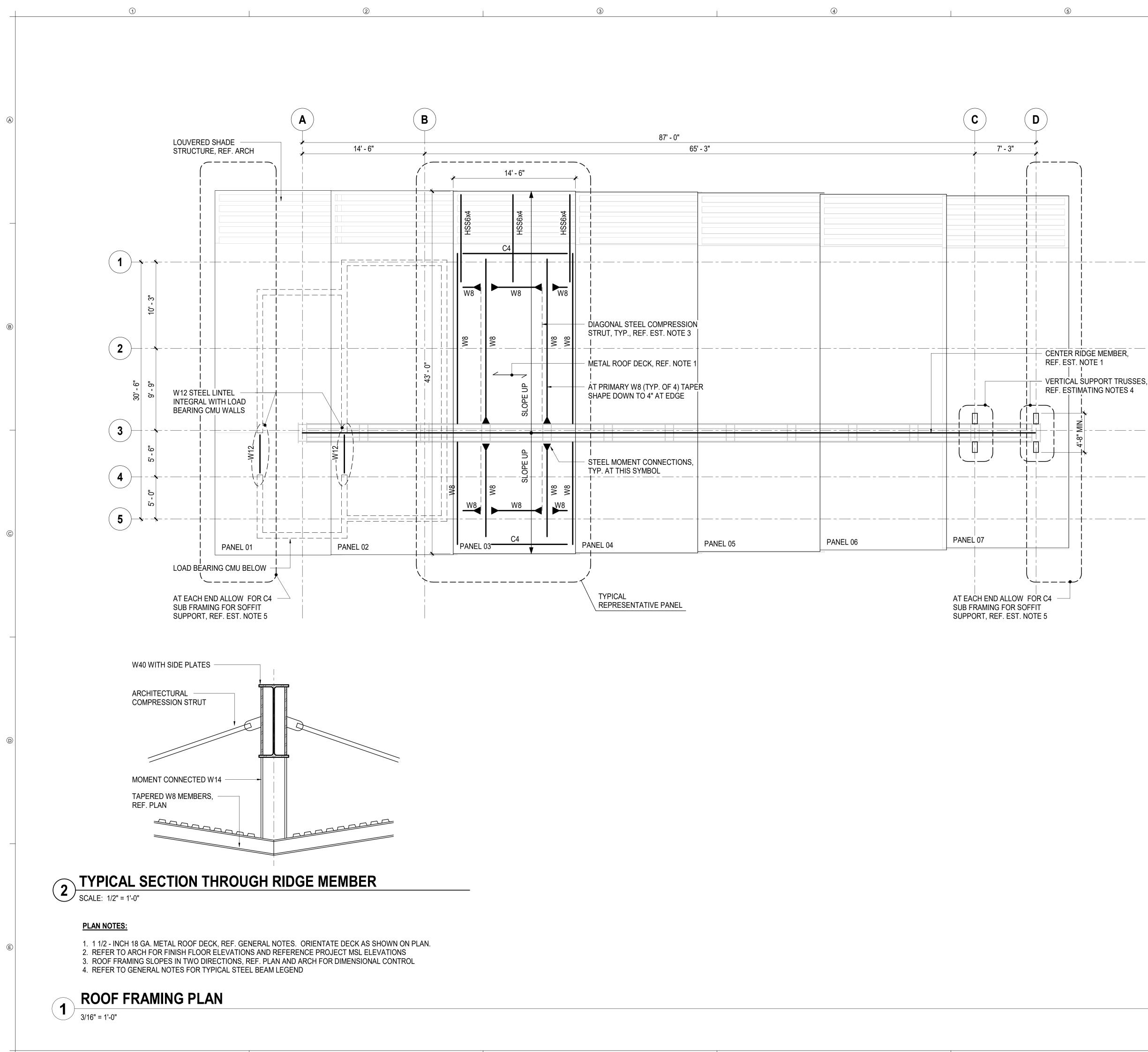
PROVIDE ALLOWANCE FOR BUILDING FOUNDATIONS. DESIGN INFORMATION IS PENDING THE RELEASE AND REVIEW OF GEOTECHNICAL REPORT.

	PLUM CREEK - CENTRAL PARK	30% SCHEMATIC DESIGN	KYLE, TEXAS
ISSUE DATE: 07.17.20	REVISIONS # 07.17.20 30% SCHEMATIC DESIGN		
ISSI	INTERIN THIS DOCU THE PURPO UNDER THE T. ROGERS 07/17/2019 FOR CONS THORN JED DATE: DJECT NO.: AWN: JB	SEAL M REVIEW C IMENT IS RELEASE DSE OF INTERIM RE AUTHORITY OF RE AUTHORITY OF RE AUTHORITY OF RE AUTHORITY OF RE AUTHORITY OF RE STRUCTION PURPOR ITON TOMASETTI, IN 07.17.2020 005-007 REVIEWE SHEET NAME NDATIC LANS	D FOR EVIEW OBERT 71, ON USED DSES. <b>c.</b>

SHEET NUMBER

S201









# **Thornton Tomasetti**

Thornton Tomasetti, Inc. 840 Gessner, Suite 540 Houston, TX 77024 T:346.241.9539



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#### 1. CENTER RIDGE BEAM:

ALLOW FOR 22 TONS OF STRUCTURAL STEEL FOR W40x392 WITH 3/4-INCH THICK SIDE PLATES, EACH SIDE OF WEB.

#### 2. PANEL ALLOWANCE:

____ _ _ _ _ _

_____

- ____ - ___ _ _ _

ALLOW FOR 9.00 PSF FOR PRIMARY STRUCTURAL FRAMING AND MISCELLANEOUS STEEL AT EACH PANEL INCLUDING SUN SHADE AREA.

#### 3. COMPRESSION STRUT:

ALLOW FOR 2 1/2" DIAMETER ARCHITECTURAL COMPRESSION STRUT. INCLUDE ALLOWANCE FOR CLEVISES AND GUSSET PLATES. PROVIDE (4) MEMBERS AT EACH PANEL

#### 4. VERTICAL SUPPORT TRUSSES:

ALLOW FOR 2.30 TONS EACH AT VERTICAL TRUSSES. MEMBERS TO CONSIST OF HSS TUBES VERTICALLY AND HORIZONTALLY.

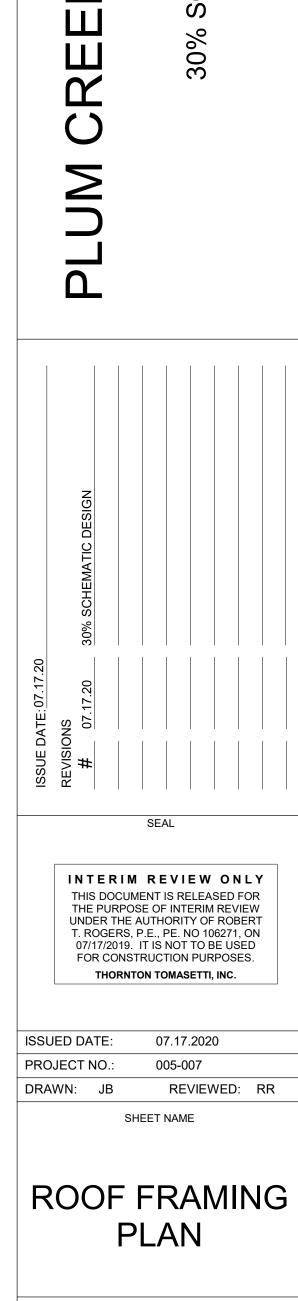
#### 5. CHANNEL SUB FRAMING:

AT EACH END ALLOW FOR 0.65 TONS (1.3 TONS TOTAL) FOR C4 SUB FRAMING FOR SOFFIT SUPPORT.

BEAM VERTICAL SHEAR REACTION SCHEDULE			
NOMINAL STEEL BEAM SIZE	MINIMUM FACTORED REACTION (KIPS)		
W8	TBD		
C12	TBD		
<u>NOTES:</u>			
1. SHEAR CONNECTIONS TO BE DESIGNED FOR SCHEDULED VALUES			

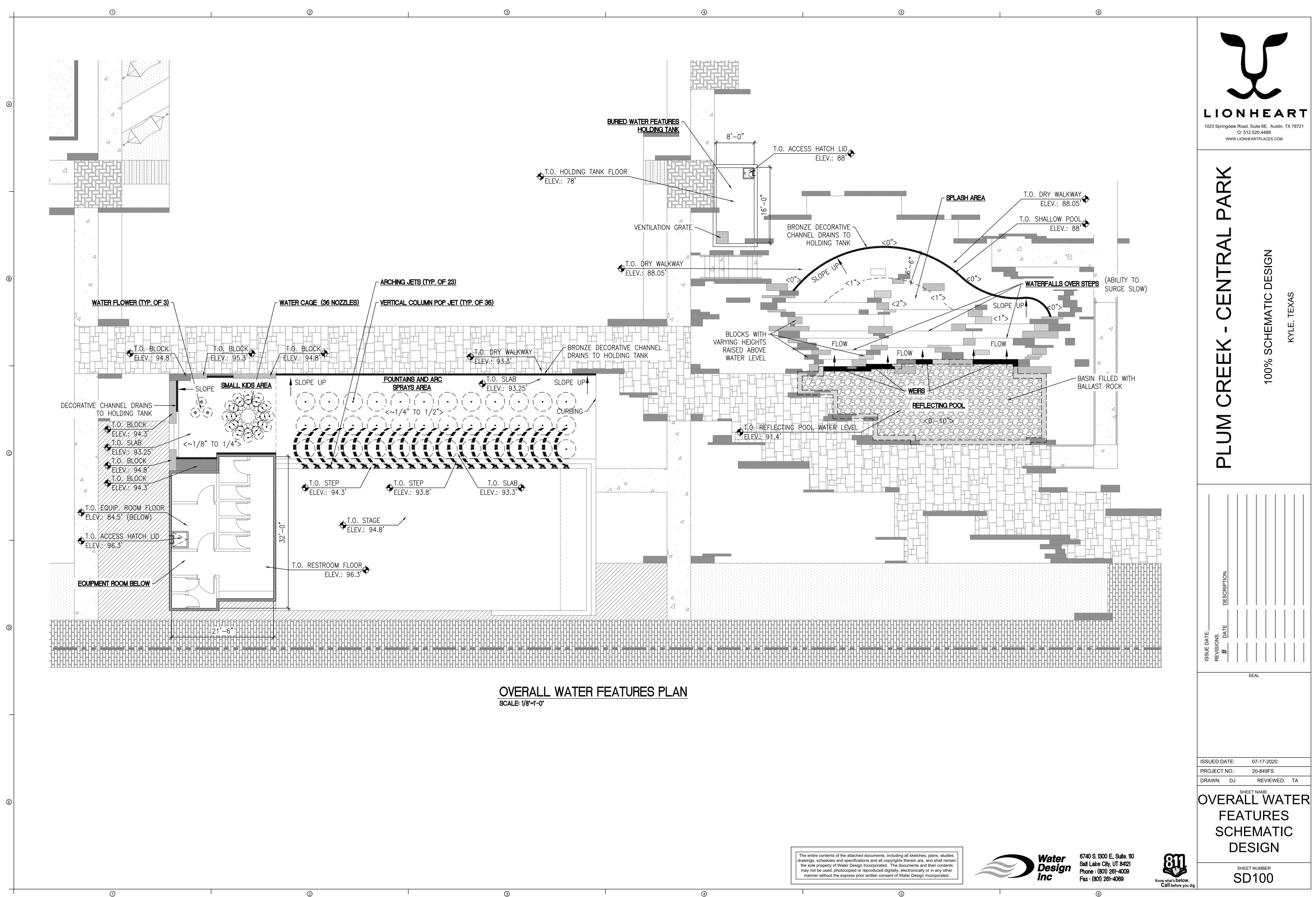
UNLESS OTHERWISE NOTED ON PLAN

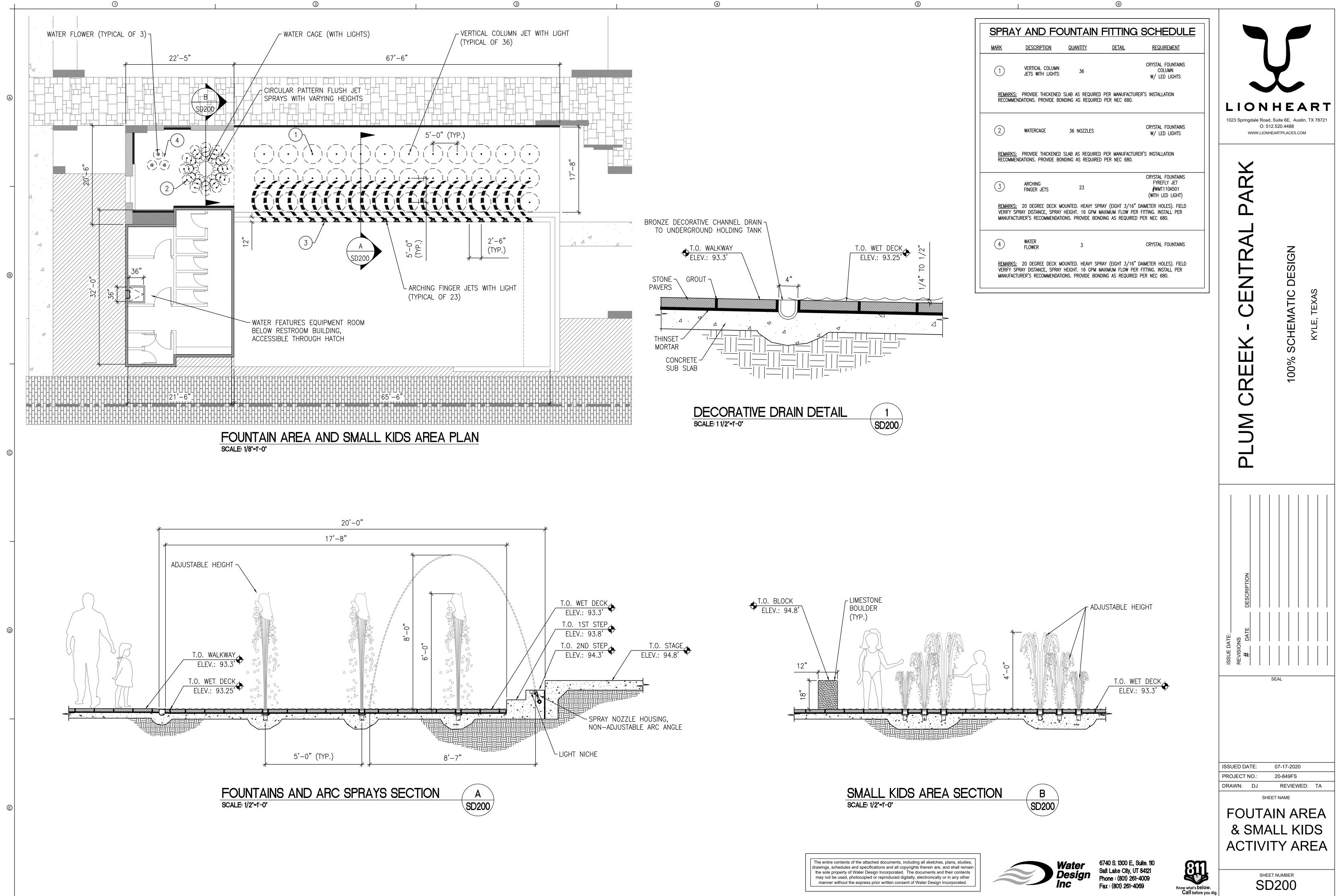
Know what's below. Call before you dig



SHEET NUMBER

S211

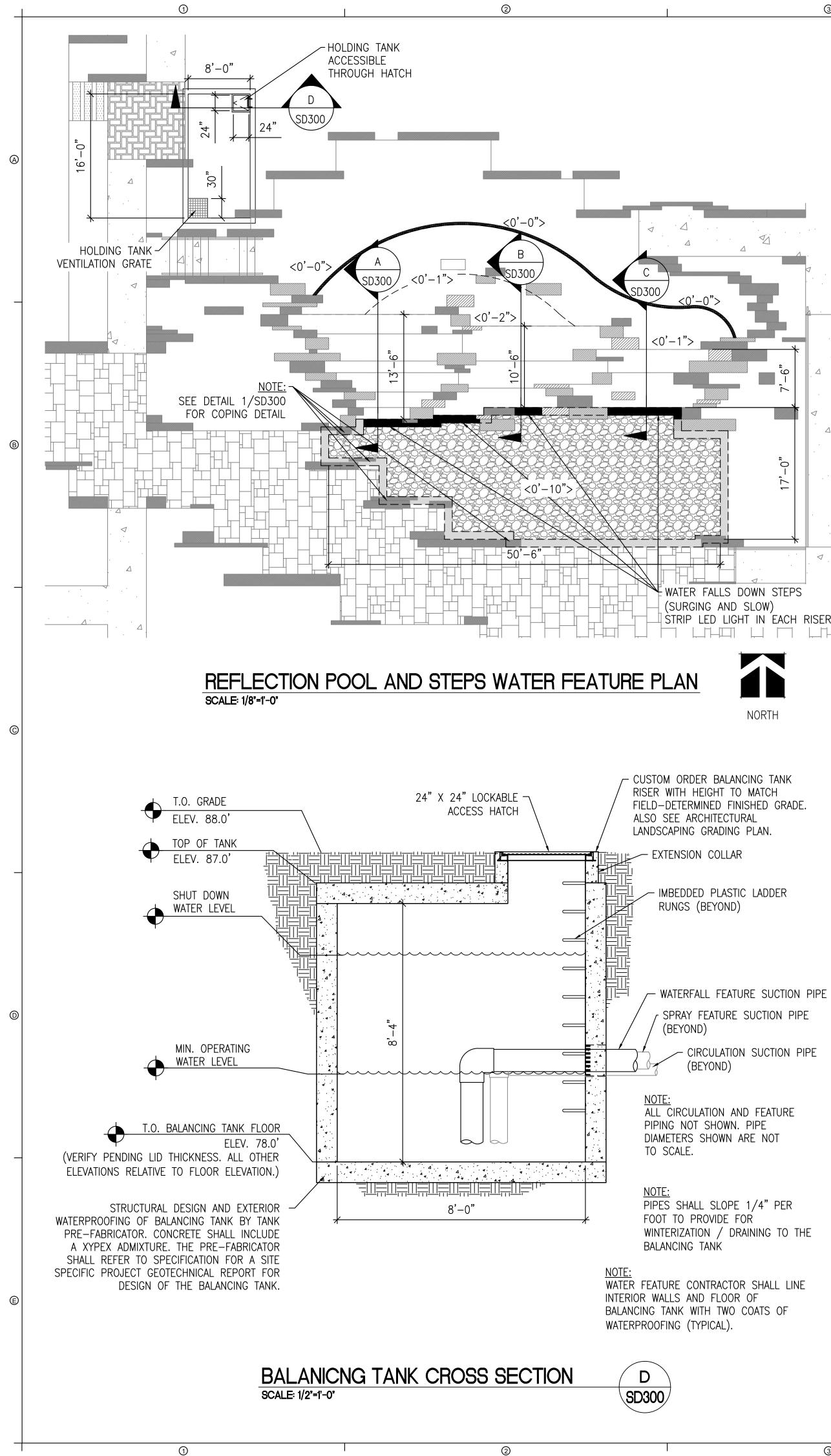




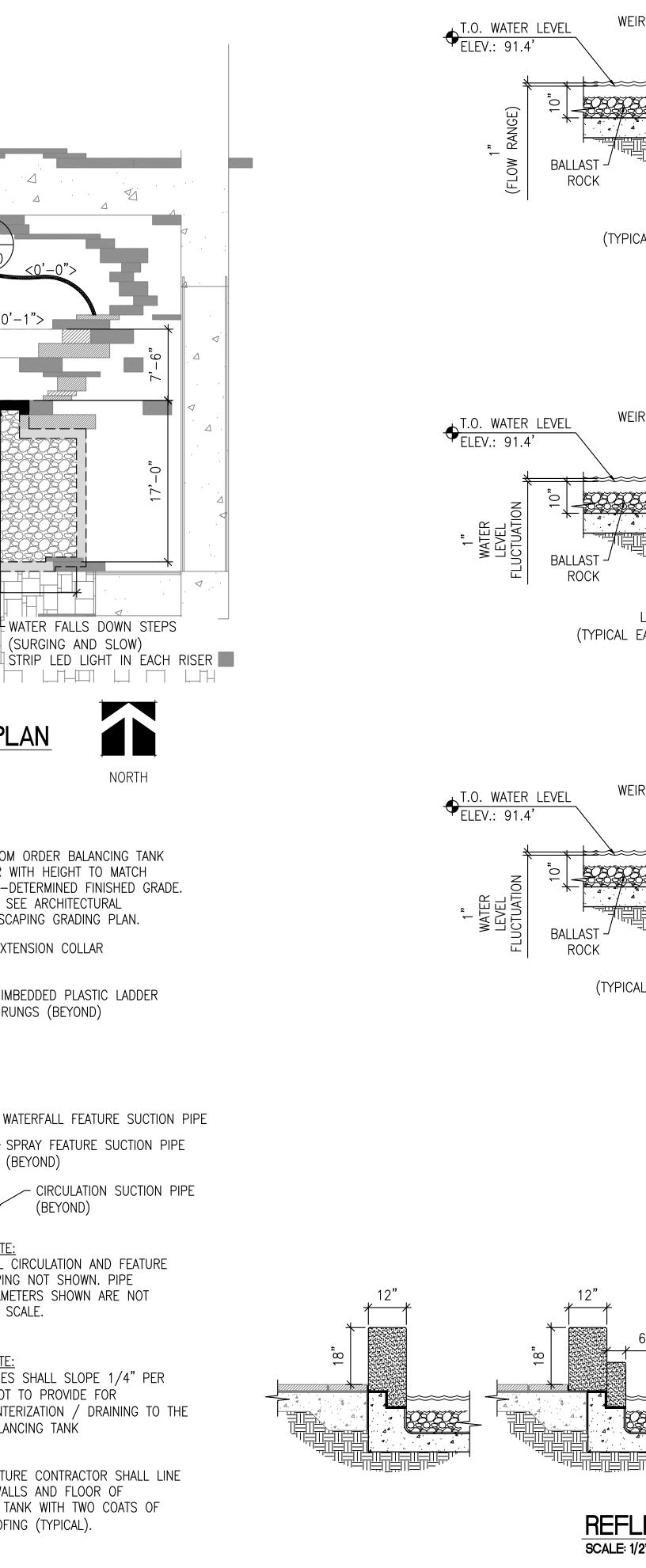
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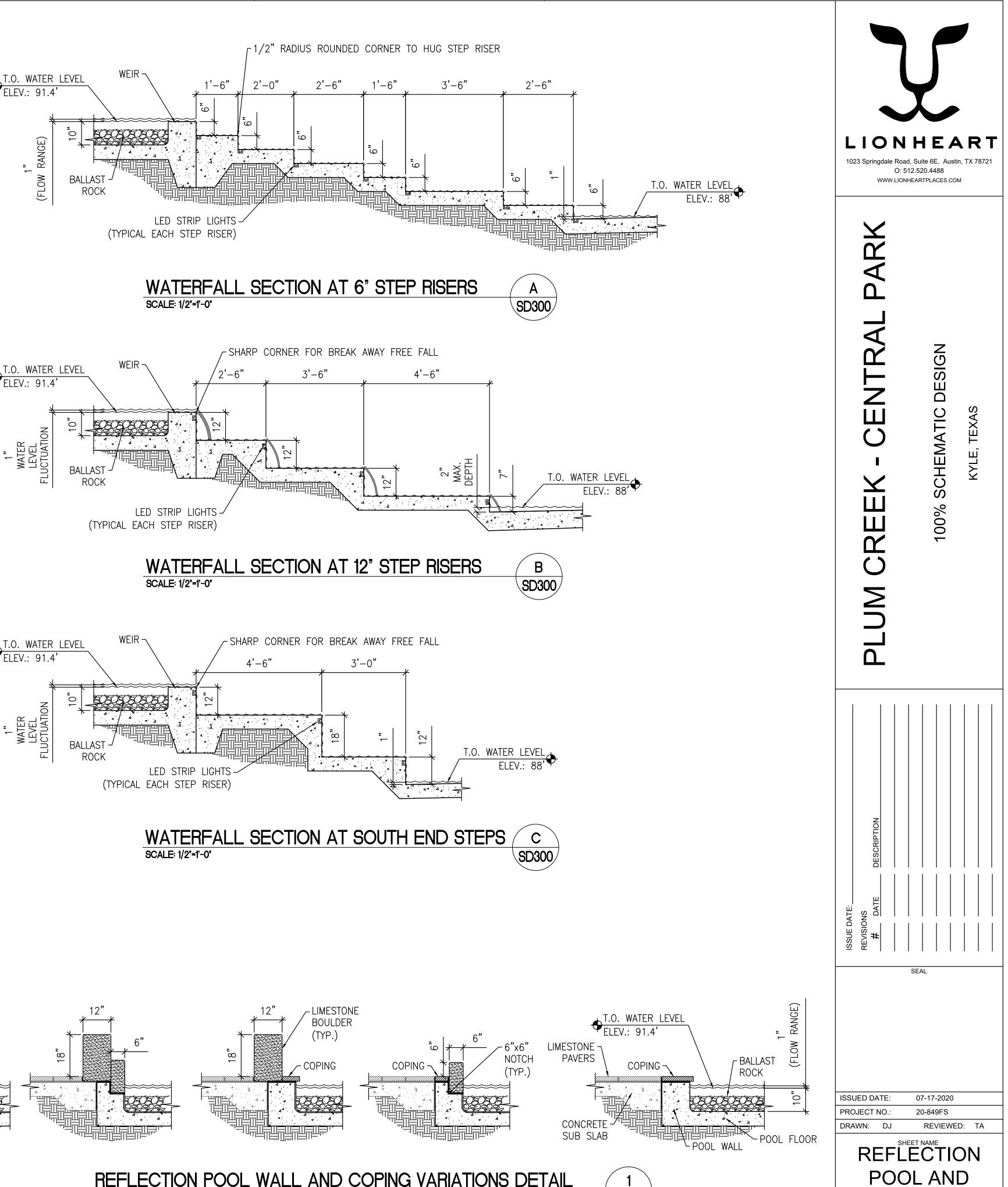


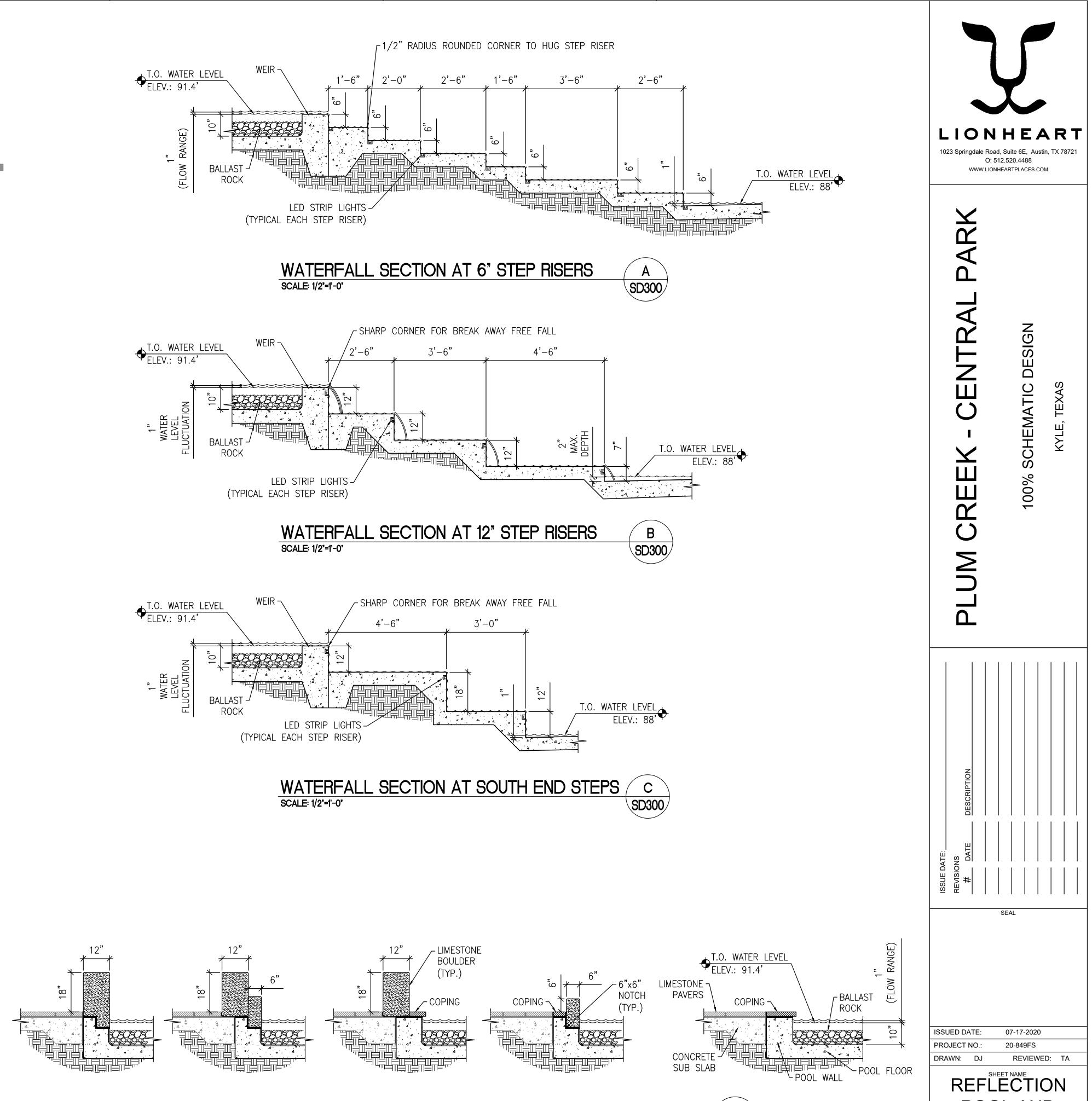
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**REFLECTION POOL WALL AND COPING VARIATIONS DETAIL** SCALE: 1/2"=1'-0"

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NORTH

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6740 S. 1300 E., Suite. 110

Salt Lake City, UT 84121

Phone : (801) 261-4009

Fax : (801) 261-4069

811

Know what's below. Call before you dig.

WALLING

WATER AREA

SHEET NUMBER

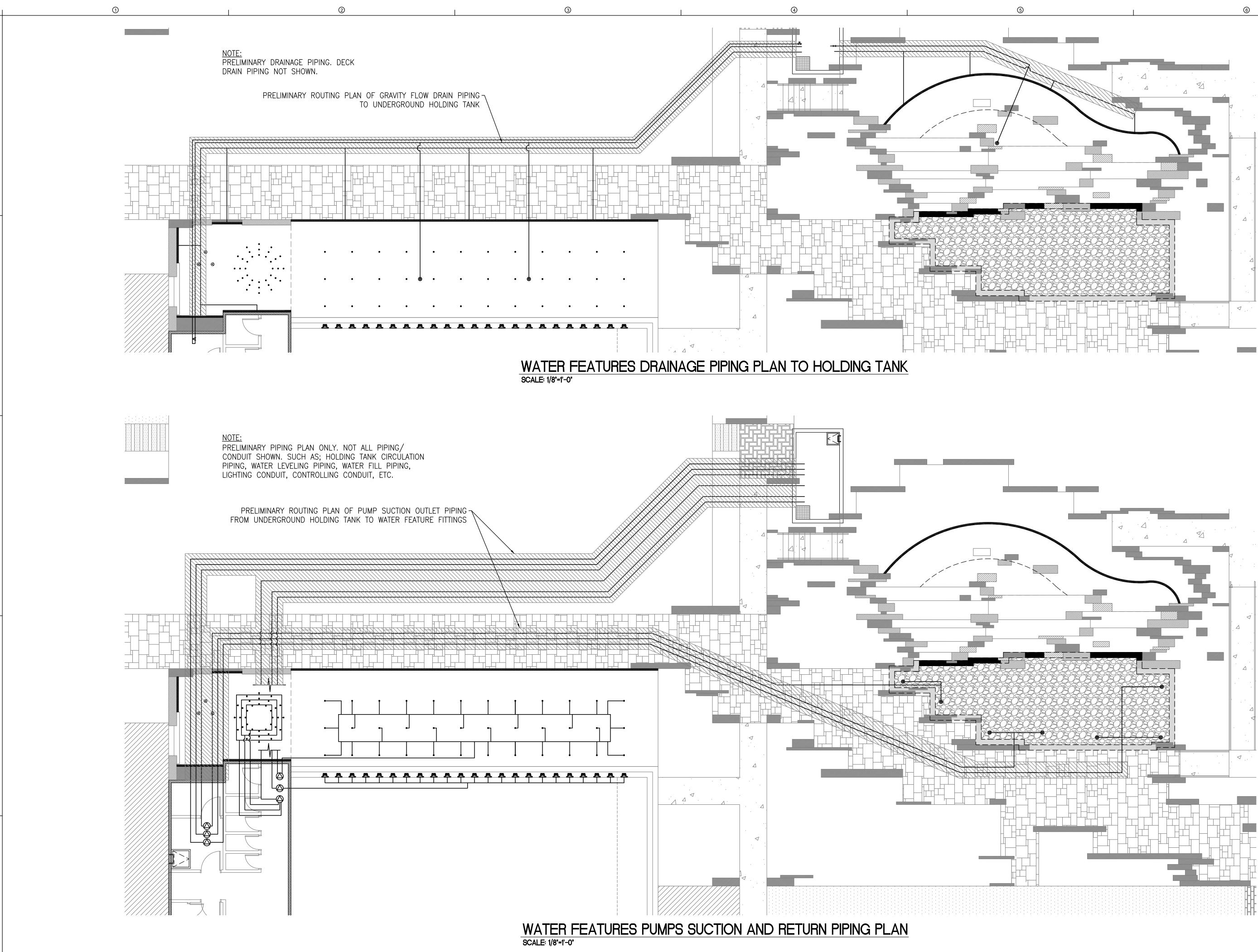
SD300

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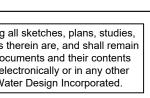
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Water Design

Inc



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