

ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS

ASCENSION PARISH, LA

PLANS OF PROPOSED PAVING, DRAINAGE,
LANDSCAPE, AND IRRIGATION
IMPROVEMENTS

FEBRUARY 2024

CLIENT



PARISH OF ASCENSION GOVERNMENT

CLINT COINTMENT

PARISH PRESIDENT

COUNCIL MEMBERS

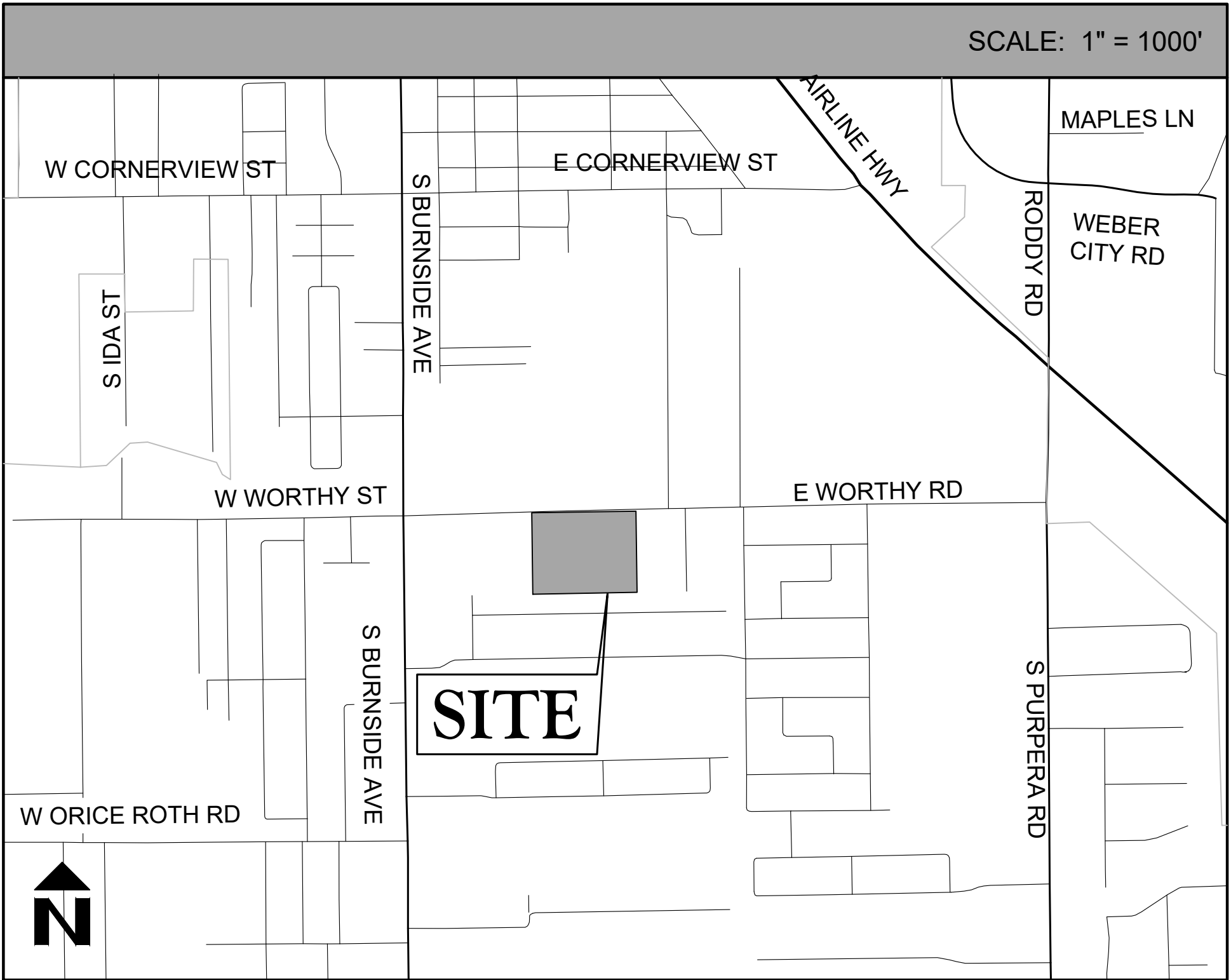
OLIVER JOSEPH, DISTRICT 1
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RANDY MULLIS

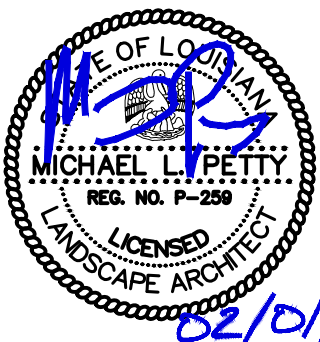
PLANNING DIRECTOR
PROJECT MANAGER



BID ALTERNATE 1:
ALL PROPOSED IRRIGATION WORK TO BE A PART OF BID ALTERNATE 1.

BID ALTERNATE 2:
ALL PROPOSED WORK FROM SHEET L2.1, L3.1, L4.0, & L5.2 TO BE A PART OF BID ALTERNATE 2

UTILITY NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.



Louisiana 811
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BY LAW, ANYONE PLANNING MECHANIZED DIGGING OR EXCAVATION WORK IN LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OR 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT WWW.LOUISIANA811.COM AT LEAST TWO FULL BUSINESS DAYS PRIOR TO THE PROJECTS START DATE.

Sheet List Table	
Sheet Number	Sheet Title
L0.0	COVER SHEET
L0.1	EXISTING CONDITIONS, DEMOLITION, & EROSION CONTROL PLAN
L0.2	EROSION CONTROL DETAILS
L1.0	OVERALL KEY PLAN
L2.1	GEOMETRIC LAYOUT PLAN
L2.2	GEOMETRIC LAYOUT PLAN
L3.1	GRADING, PAVING, & DRAINAGE LAYOUT PLAN
L3.2	GRADING, PAVING, & DRAINAGE LAYOUT PLAN
L4.0	UTILITY LAYOUT PLAN
L5.1	LANDSCAPE PLANTING PLAN
L5.2	LANDSCAPE PLANTING PLAN
L5.3	LANDSCAPE PLANTING PLAN
L5.4	LANDSCAPE PLANTING PLAN
L5.5	LANDSCAPE PLANTING SCHEDULE & DETAILS
L6.1	LANDSCAPE IRRIGATION PLAN
L6.2	LANDSCAPE IRRIGATION PLAN
L6.3	LANDSCAPE IRRIGATION PLAN
L6.4	LANDSCAPE IRRIGATION PLAN
L6.5	LANDSCAPE IRRIGATION PLAN
L6.6	IRRIGATION DETAILS & SCHEDULES
L6.7	IRRIGATION DETAILS & SCHEDULES
L7.1	SITE DETAILS

ASCENSION PARISH
501 GOVERNMENT ST., # 200
BATON ROUGE, LA 70802

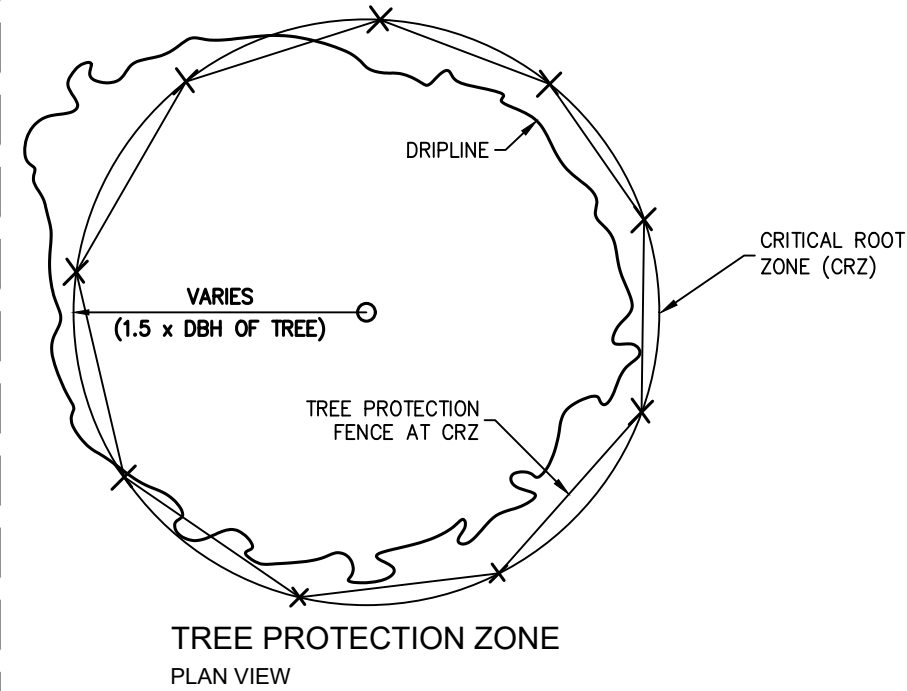
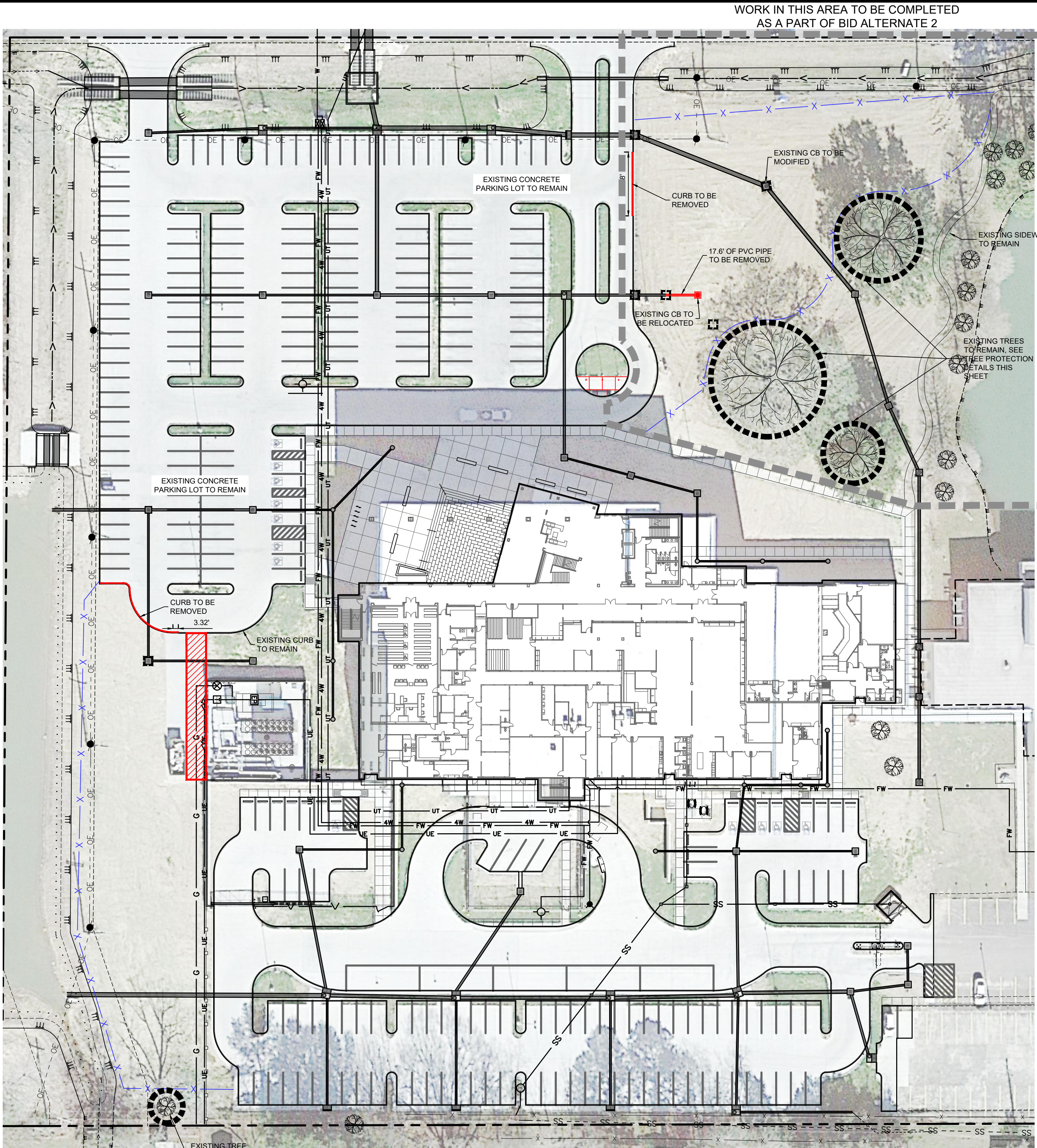
QUALITY
Engineering & Surveying, LLC

18320 Hwy 42 Port Vincent, LA 70726
225.698.1600 | www.qesia.com | info@qesia.com

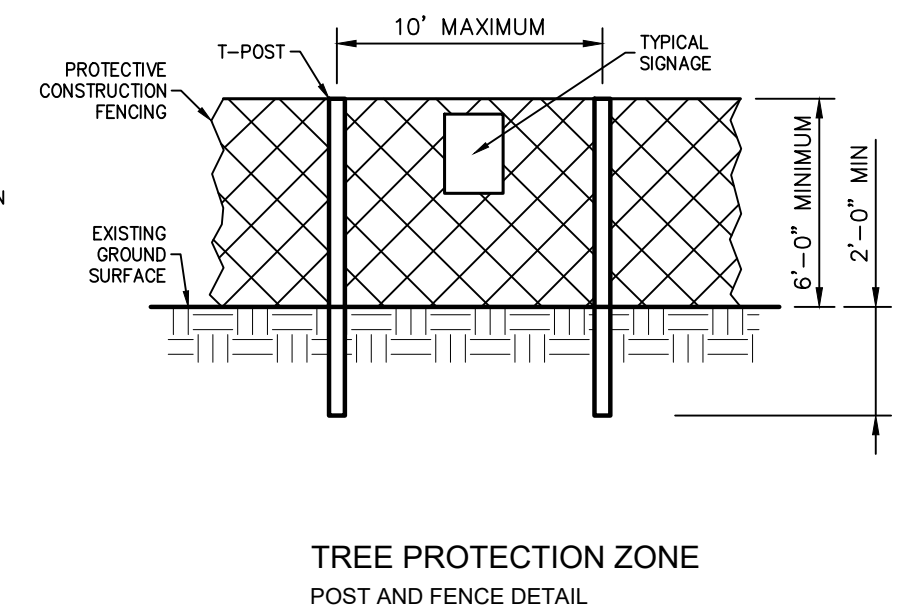
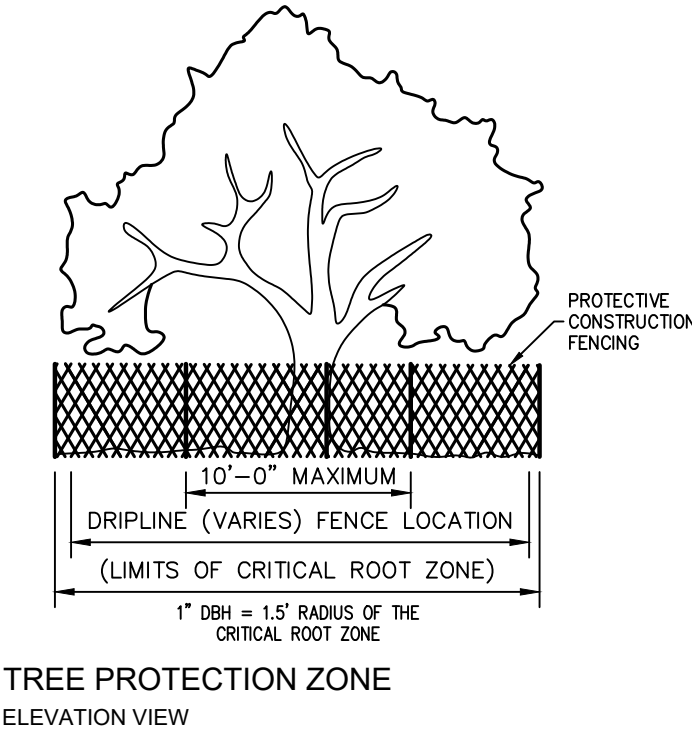
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Project No.:	21-224	Date:	FEBRUARY 2024	Sheet:
Checked By:	MLP	Drawn By:	TT	L0.0

ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS



1 TREE PRESERVATION DETAILS
TREE PROTECTION FENCING SCALE: N.T.S.



DEMOLITION LEGEND:

- CURB TO BE REMOVED (121.06 LF)
- CONCRETE TO BE REMOVED (1076 SQ FT)

LEGEND:

- EX. CONTOUR
- EX. TREE LINE
- EX. DRAINAGE PIPE
- EX. OVERHEAD ELECTRIC LINE
- EX. DITCH CENTERLINE
- EX. ROAD CENTERLINE
- EX. FENCE
- EX. GRATE INLET
- EX. DROP INLET
- EX. SANITARY SEWER CLEANOUT (TBR)
- EX. POWER POLE
- EX. TELEPHONE PEDESTAL
- EX. LIGHT POLE
- EX. FIRE HYDRANT
- EX. WATER VALVE
- EX. GAS METER
- EX. TRAFFIC SIGN
- TO BE REMOVED
- EX. TREE TO BE PROTECTED IN PLACE

DEMOLITION GENERAL NOTES:

- EX. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO VERIFY THE LOCATION OF ALL UTILITIES. ANY DAMAGE TO UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CORRECT.
- ALL DEMOLITION AND CONSTRUCTION TO BE KEPT WITHIN THE BOUNDARIES OF THE SITE OR AS DESIGNATED.
- PROTECT STRUCTURES, UTILITIES, VEGETATION, PAVING AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY DEMOLITION AND NEW CONSTRUCTION.
- CONTRACTOR TO USE CAUTION WHEN WORKING IN VICINITY OF EXISTING OVERHEAD UTILITY LINES. CONTRACTOR TO INSTALL APPROPRIATE WARNING SIGNS.

UTILITY NOTE:

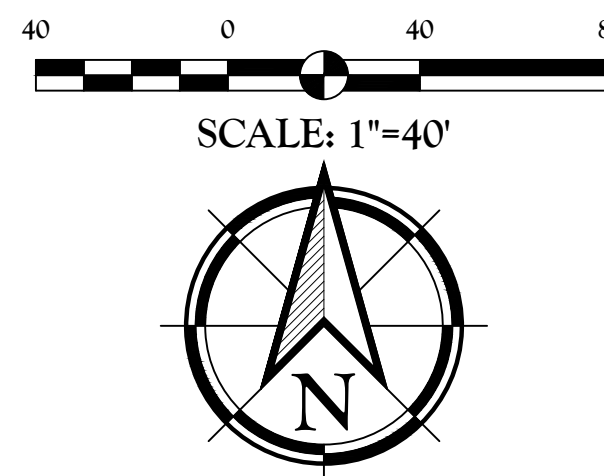
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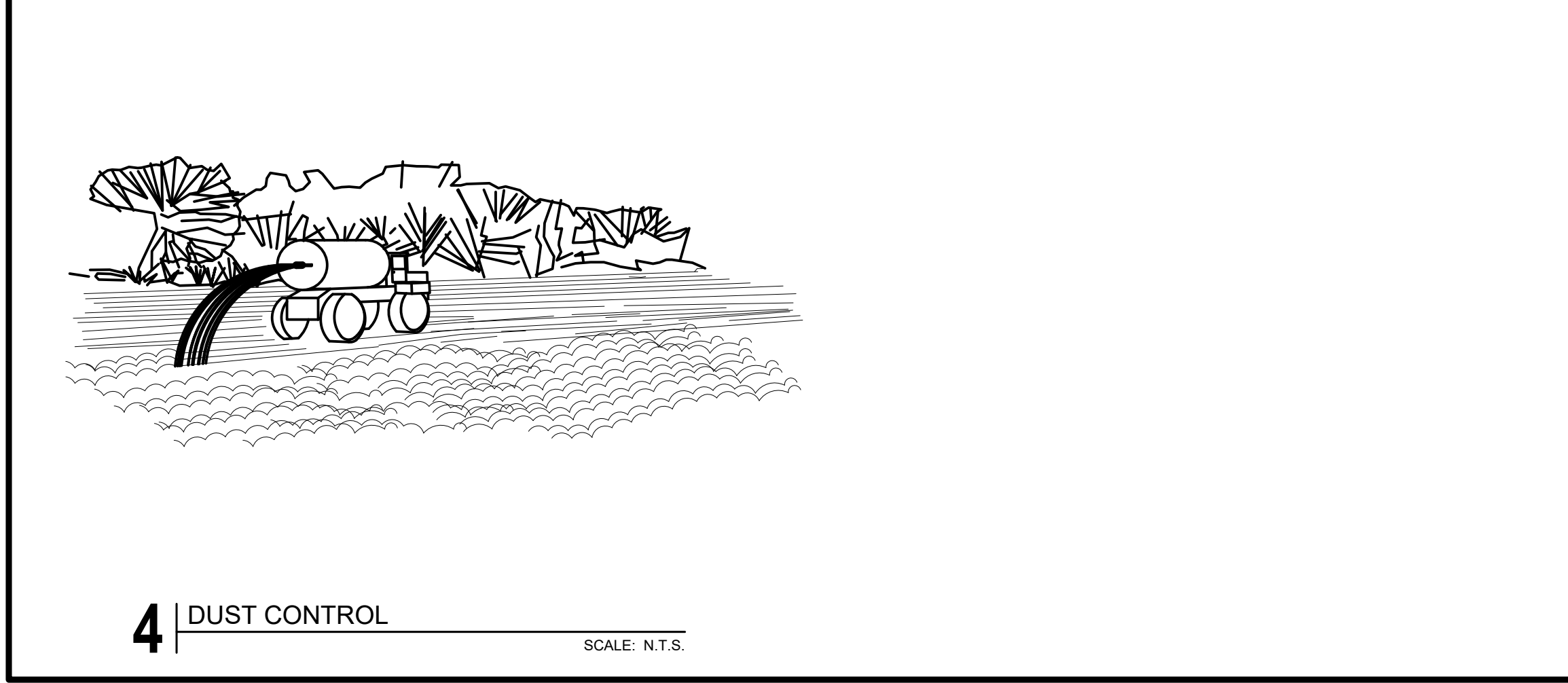
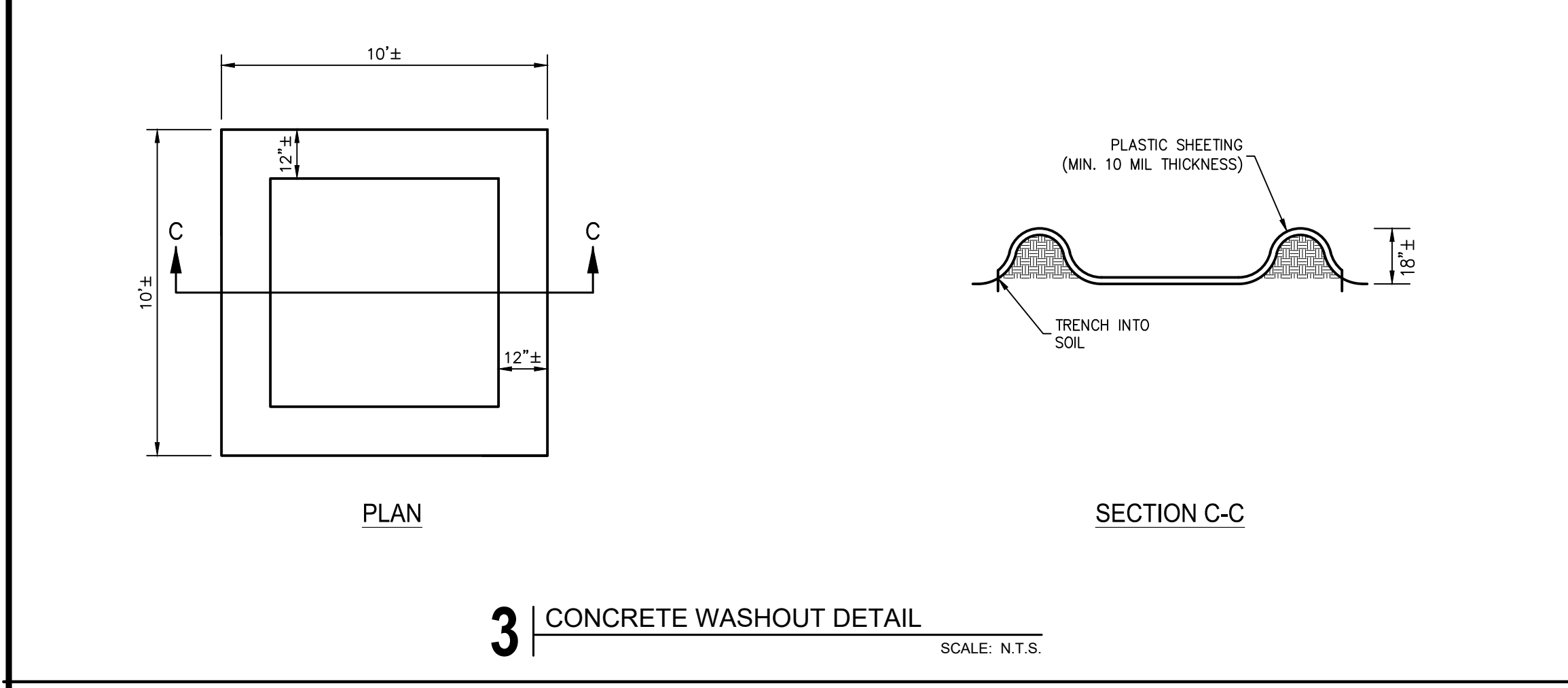
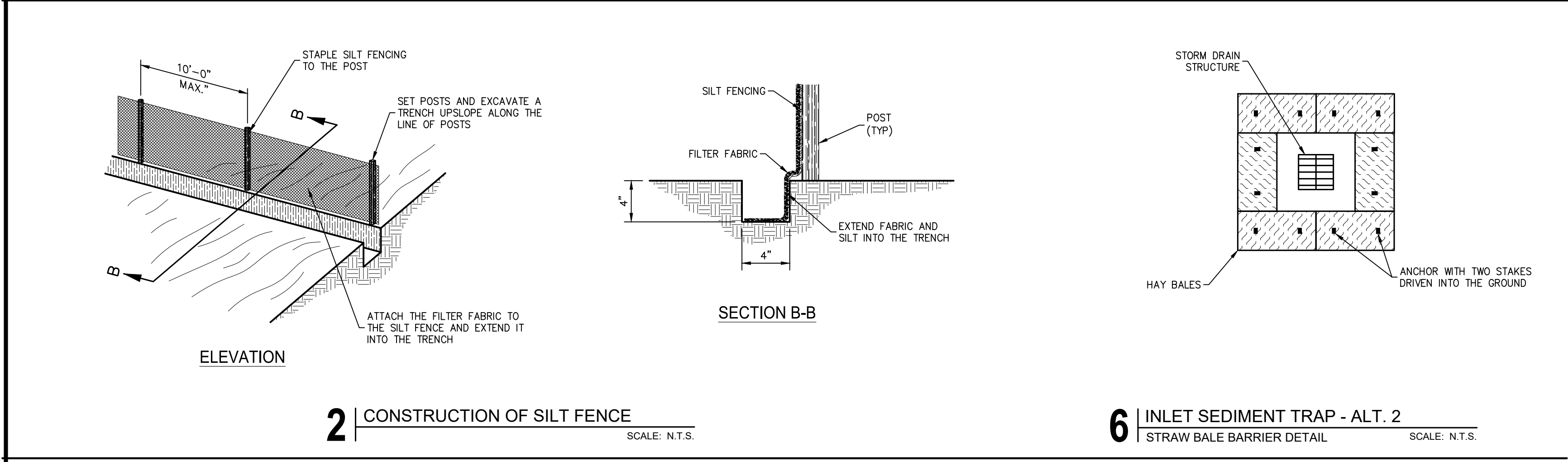
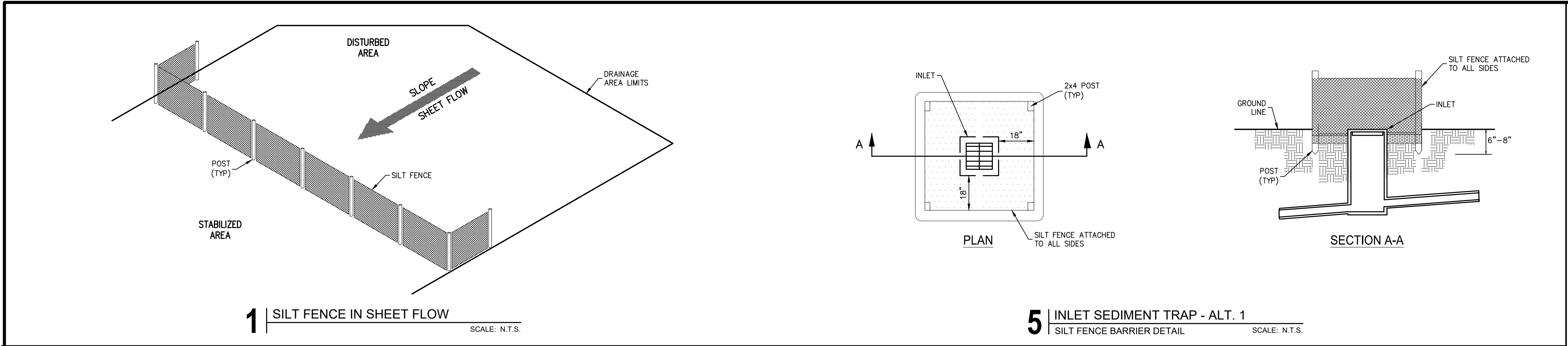
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EROSION CONTROL LEGEND:

- INLET PROTECTION
- SILT FENCE



Client: ASCENSION PARISH 615 E WORTHY ST GONZALES, LA 70737	Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS	Location: SECTION 33, TOWNSHIP 14 N, RANGE 3 E, EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA	DWG Path: P:\2021 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\21-224-11-EX.dwg
Title: EXISTING CONDITIONS, DEMOLITION, & EROSION CONTROL PLAN		Description: LOCATED IN SECTION 33, TOWNSHIP 14 N, RANGE 3 E, EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA	
Logo: QUALITY Engineering & Surveying, LLC 18320 Hwy 52, Port Vincent, LA 70726 225.698.1600 www.qesla.com info@qesla.com		Stamp: MICHAEL L. PETTY REG. NO. P-255 LANDSCAPE ARCHITECT 02/01/24	
Drawn By: TT		Date: FEBRUARY 2024	
Project No.: 21-224		Sheet: L0.1	



MATERIALS			
1.) SYNTHETIC FILTER FABRIC SHALL BE A PEROUS SHEET OF PROPYLENE, NYLON, POLYESTER OR ETHYLENE YARN AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER.			
2.) POSTS FOR SILT FENCE SHALL BE EITHER 4-INCH DIAMETER WOOD OR 1.33 POUNDS PER LINEAR FOOT STEEL WITH A MINIMUM LENGTH OF 5 FEET. STEEL POSTS SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM. INSTALLED WITH A MINIMUM ABOVE GROUND LENGTH OF 3 FT. AND INSTALLED TO A MINIMUM 1 FT. DEPTH.			
3.) STAKES FOR FILTER BARRIERS SHALL BE 1" X 2" WOOD (PREFERRED) OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.			
4.) WIRE FENCE REINFORCEMENT FOR SILT FENCES USING STANDARD STRENGTH FILTER CLOTH SHALL BE A MINIMUM OF 42 INCHES IN HEIGHT, A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6 INCHES.			
SEEDING SCHEDULE			
CRITICAL AREA VEGETATIVE PLAN			
GENERAL: THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON ROAD CUT AND FILL SLOPES, SHOULDERS AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION IN AN AREA AS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGES FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.			
SOIL CONDITIONS DUE TO GRADING AND CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATA. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.			
TREATMENT SPECIFICATIONS			
CONVENTIONAL SEEDING EQUIPMENT: GRADE, SHAPE AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARPING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED AND FIRMED. SEEDING WILL BE DONE WITH CULTIPACKER-SEEDER, DRILL, ROTARY SEEDER OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:			
A. SEEDING WITH MULCH: (CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1)			
AGRICULTURAL LIMESTONE FERTILIZER		4000 lbs./acre	
5-10-15 MULCH		1500 lbs./acre	
STRAW OR HAY		5000 lbs./acre	
SEED SPECIES APPLICATION RATE/ACRES PLANTING DATES			
HULLED COMMON BERMU DA GRASS	10 LBS	3/1 - 6/15	
FESCUE	50 LBS	3/1 - 10/31	
FESCUE RYE GRASS	50 LBS	11/1 - 2/28	
HAY MULCH FOR TEMPORARY COVER	5000 LBS	6/15 - 8/3	
B. TOPDRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL			
FERTILIZER (AMMONIUM NITRATE 33.5%)		300 LBS/ACRE	
C. SECOND-YEAR FERTILIZER: (5-10-15 OR EQUIVALENT)			
		800 LBS/ACRE	
EROSION CONTROL NOTE:			
ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (D.O.T.D.) STANDARD PLAN EC-01 (TEMPORARY EROSION CONTROL DETAILS)			

STORMWATER POLLUTION PREVENTION NOTES:	
1.) A NOTICE OF INTENT (NOI) SHALL BE SUBMITTED TO LADEQ BY CERTIFIED MAIL A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. A COPY OF THIS NOI SHALL ALSO BE SENT TO ASCENSION PARISH DPW PRIOR TO THE START OF CONSTRUCTION. (REQUIRED FOR ALL SITES GREATER THAN 5 ACRES)	
2.) A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE DEVELOPED, IMPLEMENTED, AND MAINTAINED AS PER LPDES GENERAL PERMIT LAR 100000 UNTIL A NOTICE OF TERMINATION (NOT) HAS BEEN SUBMITTED TO LADEQ. A COPY OF THIS SWPPP SHALL BE SUBMITTED TO ASCENSION PARISH DPW PRIOR TO THE START OF CONSTRUCTION, AND A COPY OF THE NOT WILL BE SUBMITTED AT THE FINISH OF CONSTRUCTION. (REQUIRED FOR ALL SITES GREATER THAN 5 ACRES)	
3.) THE MINIMUM EROSION CONTROL MEASURES ARE SHOWN ON THIS PLAN. ADDITIONAL MEASURE/CONTROLS MAY BE REQUIRED IN ADDITION TO THAT SHOWN TO PREVENT SEDIMENT FROM LEAVING THE SITE.	
4.) THE CONTRACTOR SHALL MAINTAIN THE SWPPP AS REQUIRED IN THE GENERAL PERMIT.	
5.) THE ESCAPE OF SEDIMENT FROM SITE SHALL BE PREVENTED TO THE MAXIMUM EXTENT PRACTICABLE. BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.	
6.) TO ENSURE EROSION CONTROL STRUCTURES WORK PROPERLY, IT IS IMPERATIVE THE SEDIMENT BE REDUCED BELOW 50% OF CAPACITY; THEREFORE, "INSPECTION" AND "MAINTENANCE" OF STRUCTURES IS TO BE PERFORMED ON A REGULAR BASIS AND AS SPECIFIED BY THE SWPPP.	
7.) DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT STRUCTURAL COMPONENTS OF EROSION CONTROL STRUCTURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE STRUCTURES AT THE CONTRACTOR'S OWN EXPENSE.	
8.) SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES IS TO BE PLACED AT A SITE APPROVED BY THE ENGINEER. IT SHALL BE TREATED IN A MANNER SO THAT THE AREA AROUND THE DISPOSAL SITE WILL NOT BE CONTAMINATED OR DAMAGED BY THE SEDIMENT IN RUN-OFF.	
9.) CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, FLUMES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT THE TIME OF ACCEPTANCE.	
10.) UPON COMPLETE REMOVAL OF EROSION CONTROL STRUCTURES, THE AREA WHERE THEY WERE CONSTRUCTED IS TO BE SEED, AND MULCHED.	
11.) STOCKPILED TOPSOIL OR FILL MATERIAL IS TO BE TREATED SO THE SEDIMENT RUN-OFF WILL NOT CONTAMINATE SURROUNDING AREA OR ENTER NEARBY DRAINAGE STRUCTURES.	
12.) WATER IS NOT TO BE PUMPED DIRECTLY INTO EXISTING DRAINAGE STRUCTURES BUT IS TO BE PUMPED INTO SEDIMENT TRAPS ONLY.	
13.) STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.	
13.) TEMPORARY SEEDING SHALL BE IN ACCORDANCE WITH SECTION 717 OF THE STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (LADOTD) STANDARD SPECIFICATIONS, LATEST EDITION.	
14.) A CONCRETE WASHOUT SHALL BE PROVIDED PRIOR TO ANY CONCRETE WORK ON SITE. THIS WASHOUT WILL ONLY BE FOR RINSING OF THE CONCRETE TRUCK CHUTES, NO RINSING OF THE CONCRETE DRUMS WILL BE ALLOWED ON-SITE.	
15.) ALL PORTABLE TOILETS SHALL BE PLACED 10 FEET BEHIND CURB OR WILL BE ANCHORED TO AVOID OVERTOPPING.	
16.) EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLANS DO NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT SEDIMENT MIGRATION.	
MAINTENANCE	
1.) STRAW BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.	
2.) CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.	
3.) NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.	
4.) SEDIMENT DEPOSITS MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.	
5.) ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEED.	
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Client:

ASCENSION PARISH

615 E WORTHLEY ST
GONZALES, LA 70737

Project:

ASCENSION PARISH COURTHOUSE GREEN
INFRASTRUCTURE IMPROVEMENTS

615 E WORTHLEY ST
GONZALES, LA 70737

LOCATED IN:

SECTION 33, TOWNSHIP 14TH RANGE 3 EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA

Description:

Ascension Parish Courthouse Green Infrastructure Improvements

DWG Path: P:\2020 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\0 - I&L Drawings\02-21-24-16-15.dwg

Title:

EROSION CONTROL DETAILS

QUALITY
Engineering & Surveying, LLC
18320 Hwy 52 Port Vincent, LA 70726
225.696.1600 | www.qellsa.com | info@qellsa.com

Stamp:

STATE OF LOUISIANA
MICHAEL L. PETTY
REG. NO. P-250
LANDSCAPE ARCHITECT
02/01/24

Drawn By:

TT

Dates:

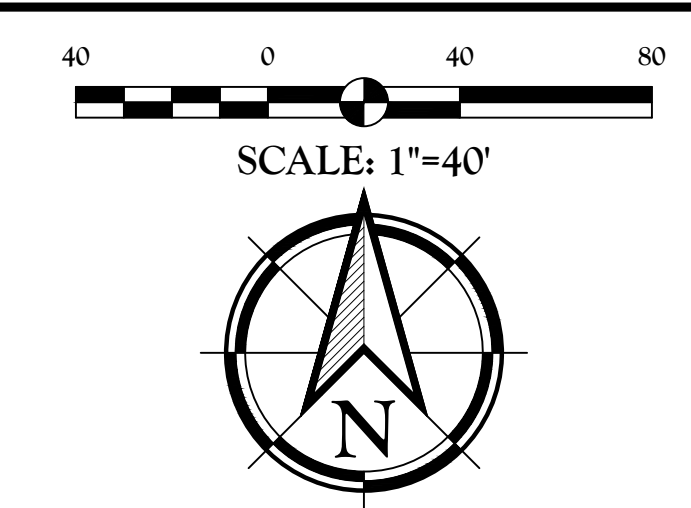
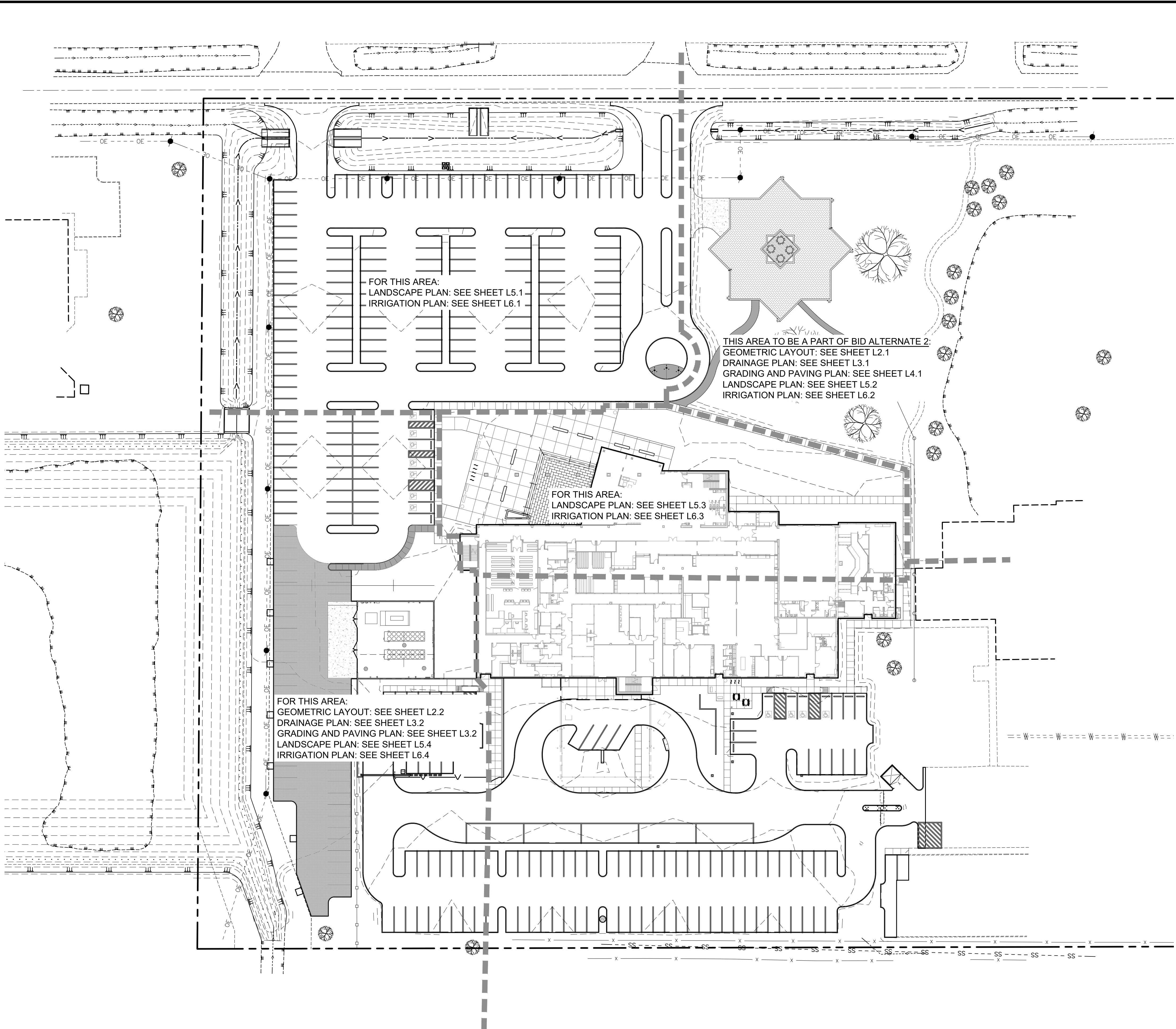
FEBRUARY 2024

Project No.:

21-224

Sheet:

L0.2



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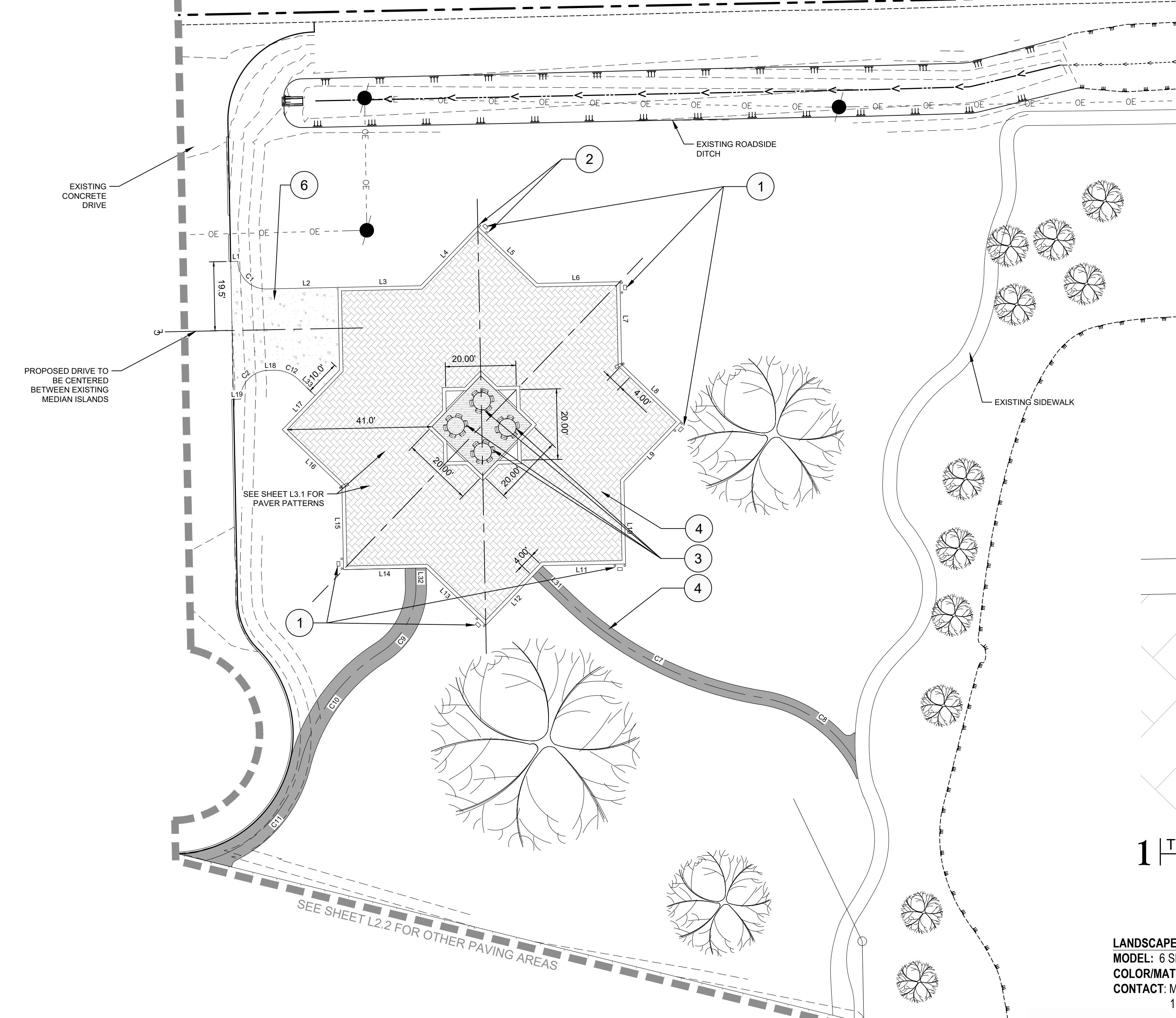
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Client: ASCENSION PARISH		615 E WORTHY ST GONZALES, LA 70737		
Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS		615 E WORTHY ST GONZALES, LA 70737		
Title: OVERALL KEY PLAN	Description: LOCATED IN SECTION 33, TOWNSHIP 9 SOUTH, RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA		DWG Path: P:\2020 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\2 - (A) Drawings\02-224 (A)-Title.dwg	
Stamp:		8/21/24		
Drawn By: TT		Date: FEBRUARY 2024		
Project No.: 21-224		Sheet: L1.0		

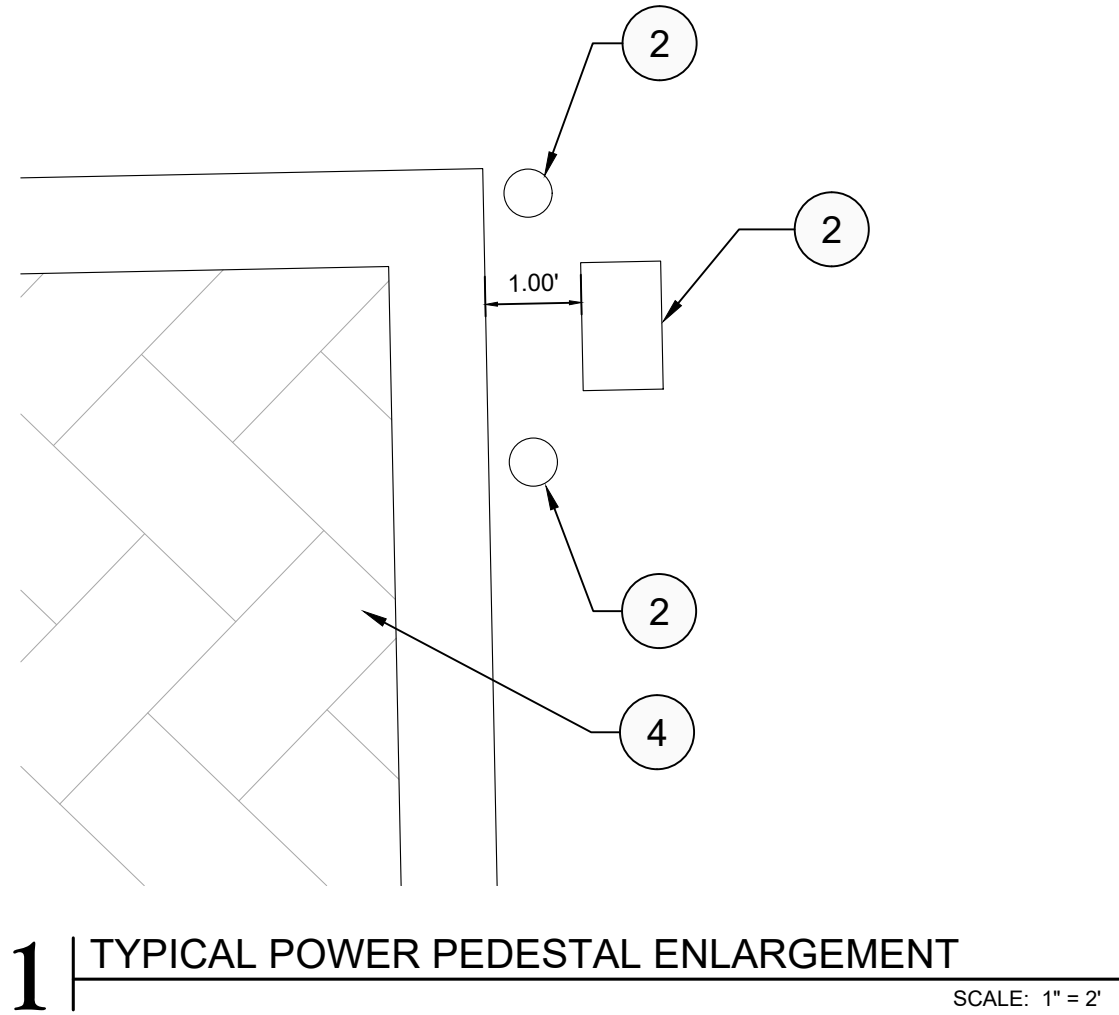
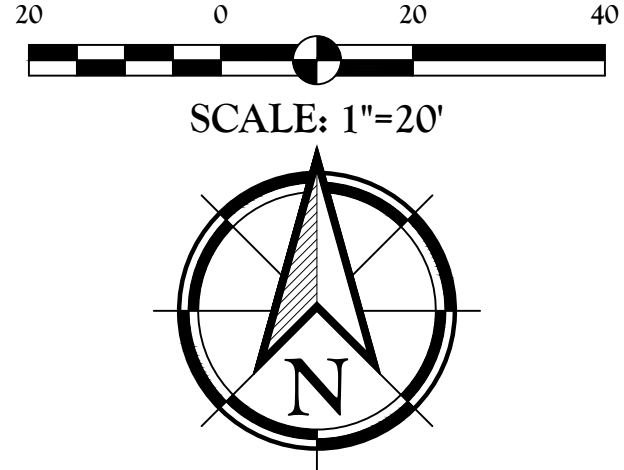
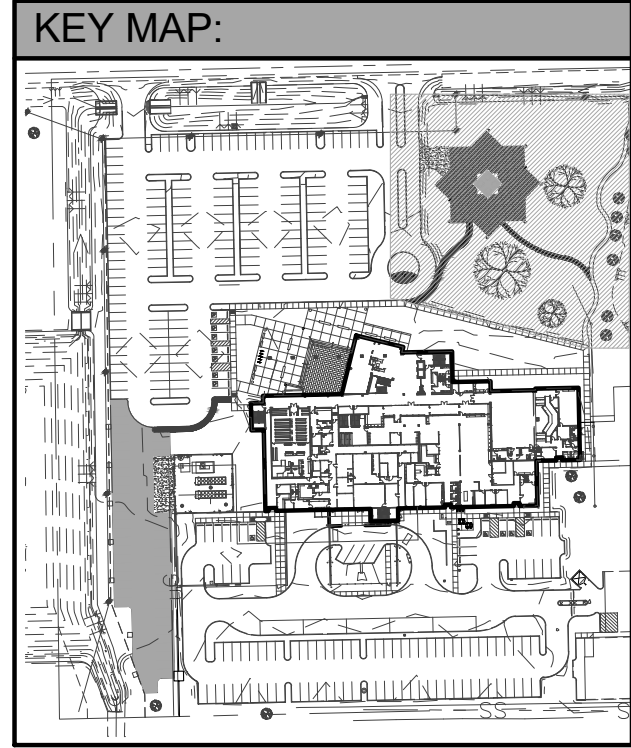


LINE TABLE		
LINE	LENGTH	BEARING
L1	2.50'	N88°50'55"E
L2	20.23'	N88°44'40"E
L3	23.43'	N88°50'55"E
L4	23.43'	N43°50'55"E
L5	23.43'	S46°09'05"E
L6	23.43'	N88°50'55"E
L7	23.43'	S01°09'05"E
L8	23.43'	S46°09'05"E
L9	22.85'	S43°50'55"W
L10	23.43'	S01°09'05"E
L11	23.43'	S88°50'55"W
L12	23.43'	S43°50'55"W
L13	23.43'	N46°09'05"W
L14	23.43'	S88°50'55"W
L15	23.43'	N01°09'05"W
L16	23.43'	N46°09'05"W
L17	23.43'	N43°50'55"E
L18	1.63'	N88°50'55"E
L19	2.50'	N88°50'55"E
L20	216.00'	S01°09'05"E

LINE TABLE		
LINE	LENGTH	BEARING
L21	13.00'	N88°50'55"E
L22	51.36'	S01°09'05"E
L23	34.21'	S20°13'13"E
L24	12.58'	N88°50'55"E
L25	10.00'	S01°09'05"E
L26	13.00'	S88°50'55"W
L27	171.00'	S01°09'05"E
L28	4.82'	N88°50'55"E
L29	24.17'	S01°09'05"E
L30	15.00'	N88°50'55"E
L31	12.07'	S46°09'05"E
L32	5.00'	S01°09'05"E
L33	6.30'	S46°09'05"E

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	12.57'	8.00'	8.00'	11.31'	090°00'00"
C2	12.57'	8.00'	8.00'	11.31'	089°59'53"
C3	7.85'	5.00'	5.00'	7.07'	090°00'00"
C4	1.50'	4.50'	0.76'	1.49'	019°04'08"
C5	7.85'	5.00'	5.00'	7.07'	090°00'00"
C6	4.71'	3.00'	3.00'	4.24'	090°00'00"
C7	61.83'	102.00'	31.90'	60.88'	034°43'45"
C8	33.22'	38.00'	17.76'	32.17'	050°05'22"
C9	22.43'	22.00'	12.30'	21.47'	058°25'01"
C10	40.18'	53.00'	21.11'	39.22'	043°25'56"
C11	39.98'	37.00'	22.19'	38.06'	061°54'36"
C12	7.85'	10.00'	4.14'	7.65'	045°00'00"

KEY NOTE SCHEDULE:		
SYMBOL	DESCRIPTION	DETAIL
1	POST-MOUNT RV PEDESTAL	1/L4.0
2	BOLLARD	12/L7.1
3	TABLE	2/L2.1
4	PERMEABLE PAVERS	2/L7.1
5	4" CONCRETE SIDEWALK	5/L7.1
6	6" CONCRETE	3/L7.1



LANDSCAPE FORMS CAROUSEL TABLE
MODEL: 6 SEAT, BACKLESS GRID, DINING HEIGHT
COLOR/MATERIAL: SILVER POWDERCOAT STEELHEAD TABLE WITH WOOD INSERT
CONTACT: MALLARY MORVANT
1.985.869.0341

- NOTE:**
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
 2. ALTERNATE MANUFACTURERS - MAGLIN & SITESCAPES



2 | PICNIC TABLE
SCALE: N.T.S.

BID ALTERNATE 2:
ALL PROPOSED ITEMS ON THIS SHEET TO BE A PART OF BID ALTERNATE 2.

- GEOMETRIC NOTES:**
- 1.) ALL PAVEMENT STRIPING SHALL BE 4-INCH-WIDE WHITE UNLESS OTHERWISE NOTED.
 - 2.) PAINT SHALL BE APPLIED TO PAVEMENT BY SPRAYING WITH A MECHANICAL SPRAYER DEVELOPED FOR SUCH PURPOSES TO ASSURE UNIFORM STRAIGHT LINES.
 - 3.) ALL DIMENSIONS FOR PAVEMENT SHOWN HEREIN, UNLESS OTHERWISE NOTED, ARE TAKEN AT THE FACE OF CURB.
 - 4.) SEE ARCHITECTURAL SITE DETAILS AND/OR LANDSCAPE PLANS FOR SIDEWALK GEOMETRICS AND GRADES.
 - 5.) ALL SIDEWALKS SHOWN SHALL BE 4" THICK CONCRETE.
 - 6.) SIDEWALK CONTROL JOINTS TO BE SAW CUT (NOT TROWELED) ON A 30" BY 30" PATTERN. EXPANSION JOINTS AT 20 FEET O.C. OR PER LOCAL CODE REQUIREMENTS.
 - 7.) ALL CURBS SHALL TRANSITION FROM 6" TO 0" AT ALL GRADE SIDEWALK CROSSINGS AND CONNECTIONS TO NON-CURBED AREAS.

LEGEND:	
---	SS --- EXIST. SANITARY SEWER SERVICE LINE
---	OE --- EXIST. OVERHEAD ELECTRIC LINE
---	W --- EXIST. WATER LINE
---	G --- EXIST. GAS LINE
	EXIST. GRATE INLET
	EXIST. DROP INLET
	EXIST. JUNCTION BOX
	EXIST. SANITARY SEWER MANHOLE
	EXIST. SANITARY SEWER CLEAN OUT
	EXIST. POWER POLE
	EXIST. UTILITY POLE
	EXIST. LIGHT POLE
	EXIST. FIRE HYDRANT
	EXIST. WATER METER
	EXIST. WATER VALVE
	EXIST. TREE (SIZE/TYPE VARIES)
	EXIST. FENCE
	EXIST. WOODEN FENCE
	FOUND 1/2" IRON PIPE
	TO BE REMOVED

UTILITY NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.

Louisiana 811
LAONECALL.COM

BY LAW, ANYONE PLANNING MECHANIZED DIGGING OR EXCAVATION WORK IN LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OR 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT WWW.LOUISIANA811.COM AT LEAST TWO FULL BUSINESS DAYS PRIOR TO RHE PROJECTS START DATE.

Client: ASCENSION PARISH

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS

Location: LOCATED IN SECTION 33, TOWNSHIP 14TH RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Path: P:\2020 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\21-224-L2-20.dwg

Title: GEOMETRIC LAYOUT PLAN

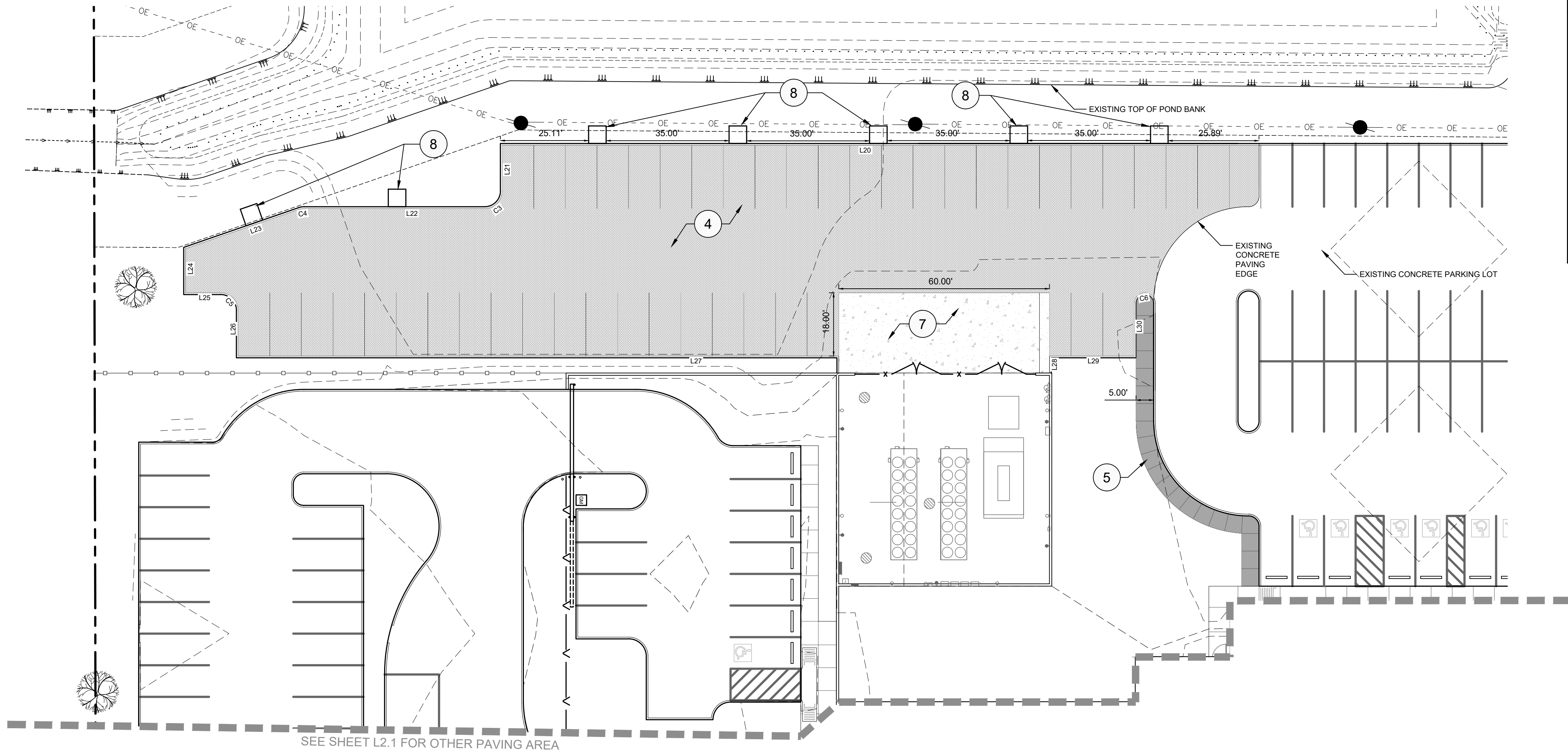
Stamp: QUALITY Engineering & Surveying, LLC 18320 Hwy 52 Port Vincent, LA 70726 225.698.1600 | www.qslla.com | info@qslla.com

Drawn By: TT

Date: FEBRUARY 2024

Project No.: 21-224

Sheet: L2.1



SEE SHEET L2.1 FOR OTHER PAVING AREA

MATCHLINE, SEE SHEET L2.1

35' FLAG POLE, SEE
DETAIL 13, SHEET L7.1

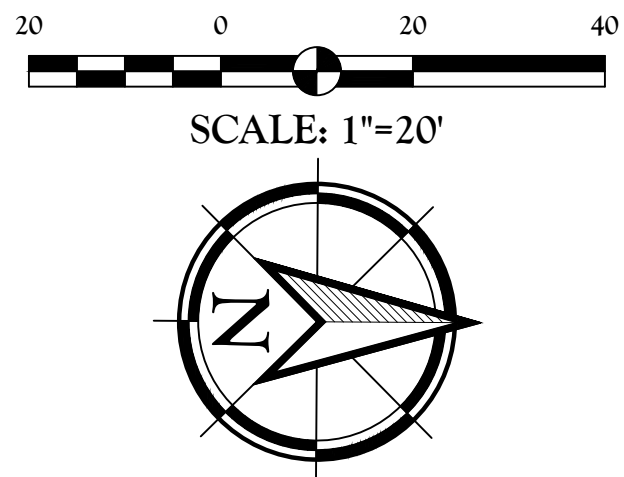
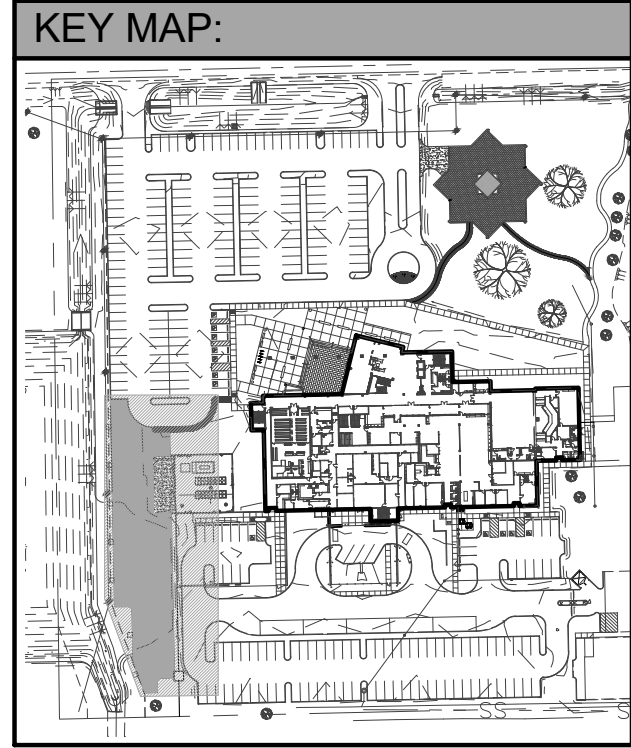
45' FLAG POLE, SEE
DETAIL 13, SHEET L7.1

INGRADE LIGHT FIXTURE (QTY:9),
SEE DETAIL 14, SHEET L7.1 (TYP)

LIGHT FIXTURES TO BE
2'-0" FROM FLAG POLE,
SPACED EVENLY

FLAG POLE AREA

SCALE: 1"=10'



KEY NOTE SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
①	POST-MOUNT RV PEDESTAL	1/L4.0
②	BOLLARD	12/L7.1
③	TABLE	2/L2.1
④	PERMEABLE PAVERS	2/L7.1
⑤	4" CONCRETE SIDEWALK	5/L7.1
⑥	6" CONCRETE	3/L7.1
⑦	8" CONCRETE	4/L7.1
⑧	CONCRETE FLUME	11/L7.1

GEOMETRIC NOTES:

- 1) ALL PAVEMENT STRIPING SHALL BE 4-INCH-WIDE WHITE UNLESS OTHERWISE NOTED.
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- 7) ALL CURBS SHALL TRANSITION FROM 6" TO 0" AT ALL GRADE SIDEWALK CROSSINGS AND CONNECTIONS TO NON-CURBED AREAS.

LEGEND:

---	SS	---	EXIST. SANITARY SEWER SERVICE LINE
---	OE	---	EXIST. OVERHEAD ELECTRIC LINE
---	W	---	EXIST. WATER LINE
---	G	---	EXIST. GAS LINE
■			EXIST. GRATE INLET
⊗			EXIST. DROP INLET
⊕			EXIST. JUNCTION BOX
⊙			EXIST. SANITARY SEWER MANHOLE
⊖			EXIST. SANITARY SEWER CLEAN OUT
●			EXIST. POWER POLE
○			EXIST. UTILITY POLE
⊙			EXIST. LIGHT POLE
⊙			EXIST. FIRE HYDRANT
⊙			EXIST. WATER METER
⊙			EXIST. WATER VALVE
⊙			EXIST. TREE (SIZE/TYPE VARIES)
x			EXIST. FENCE
□			EXIST. WOODEN FENCE
●			FOUND 1/2" IRON PIPE
TBR			TO BE REMOVED

UTILITY NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.

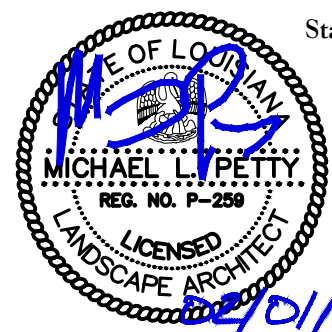
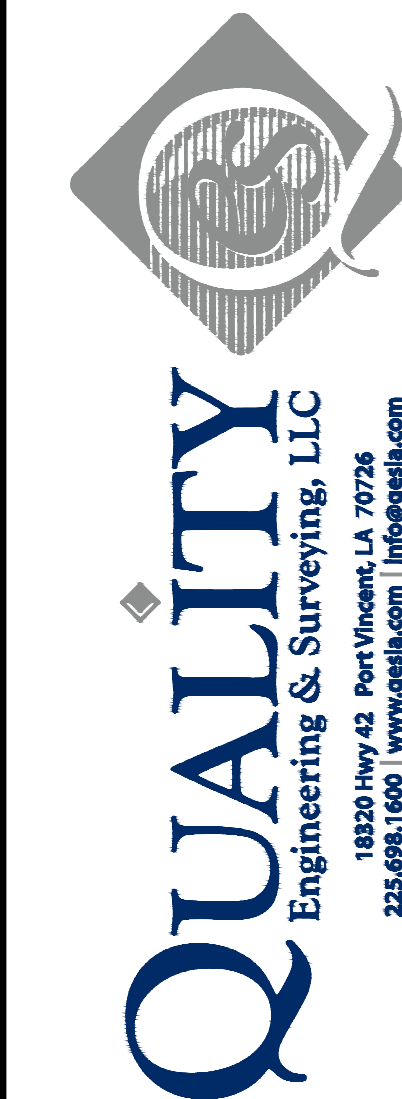


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LINE	LENGTH	BEARING
L1	2.50'	N88°50'55"E
L2	20.23'	N88°44'40"E
L3	23.43'	N88°50'55"E
L4	23.43'	N43°50'55"E
L5	23.43'	S46°09'05"E
L6	23.43'	N88°50'55"E
L7	23.43'	S01°09'05"E
L8	23.43'	S46°09'05"E
L9	22.85'	S43°50'55"W
L10	23.43'	S01°09'05"E
L11	23.43'	S88°50'55"W
L12	23.43'	S43°50'55"W
L13	23.43'	N46°09'05"W
L14	23.43'	S88°50'55"W
L15	23.43'	N01°09'05"W
L16	23.43'	N46°09'05"W
L17	23.43'	N43°50'55"E
L18	1.63'	N88°50'55"E
L19	2.50'	N88°50'55"E
L20	216.00'	S01°09'05"E

LINE	LENGTH	BEARING
L21	13.00'	N88°50'55"E
L22	51.36'	S01°09'05"E
L23	34.21'	S20°13'13"E
L24	12.58'	N88°50'55"E
L25	10.00'	S01°09'05"E
L26	13.00'	S88°50'55"W
L27	171.00'	S01°09'05"E
L28	4.82'	N88°50'55"E
L29	24.17'	S01°09'05"E
L30	15.00'	N88°50'55"E
L31	12.07'	S46°09'05"E
L32	5.00'	S01°09'05"E
L33	6.30'	S46°09'05"E

CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	12.57'	8.00'	8.00'	11.31'	090°00'00"
C2	12.57'	8.00'	8.00'	11.31'	089°59'53"
C3	7.85'	5.00'	5.00'	7.07'	090°00'00"
C4	1.50'	4.50'	0.76'	1.49'	019°04'08"
C5	7.85'	5.00'	5.00'	7.07'	090°00'00"
C6	4.71'	3.00'	3.00'	4.24'	090°00'00"
C7	61.83'	102.00'	31.90'	60.88'	034°43'45"
C8	33.22'	38.00'	17.76'	32.17'	050°05'22"
C9	22.43'	22.00'	12.30'	21.47'	058°25'01"
C10	40.18'	53.00'	21.11'	39.22'	043°25'56"
C11	39.98'	37.00'	22.19'	38.06'	061°54'36"
C12	7.85'	10.00'	4.14'	7.65'	045°00'00"



Drawn By: TT

Date: FEBRUARY 2024

Project No.: 21-224

Sheet: L2.2

Client: ASCENSION PARISH

615 E WORTHY ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN
INFRASTRUCTURE IMPROVEMENTS

Location: LOCATED IN
SECTION 33, TOWNSHIP 14TH RANGE 3 EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA

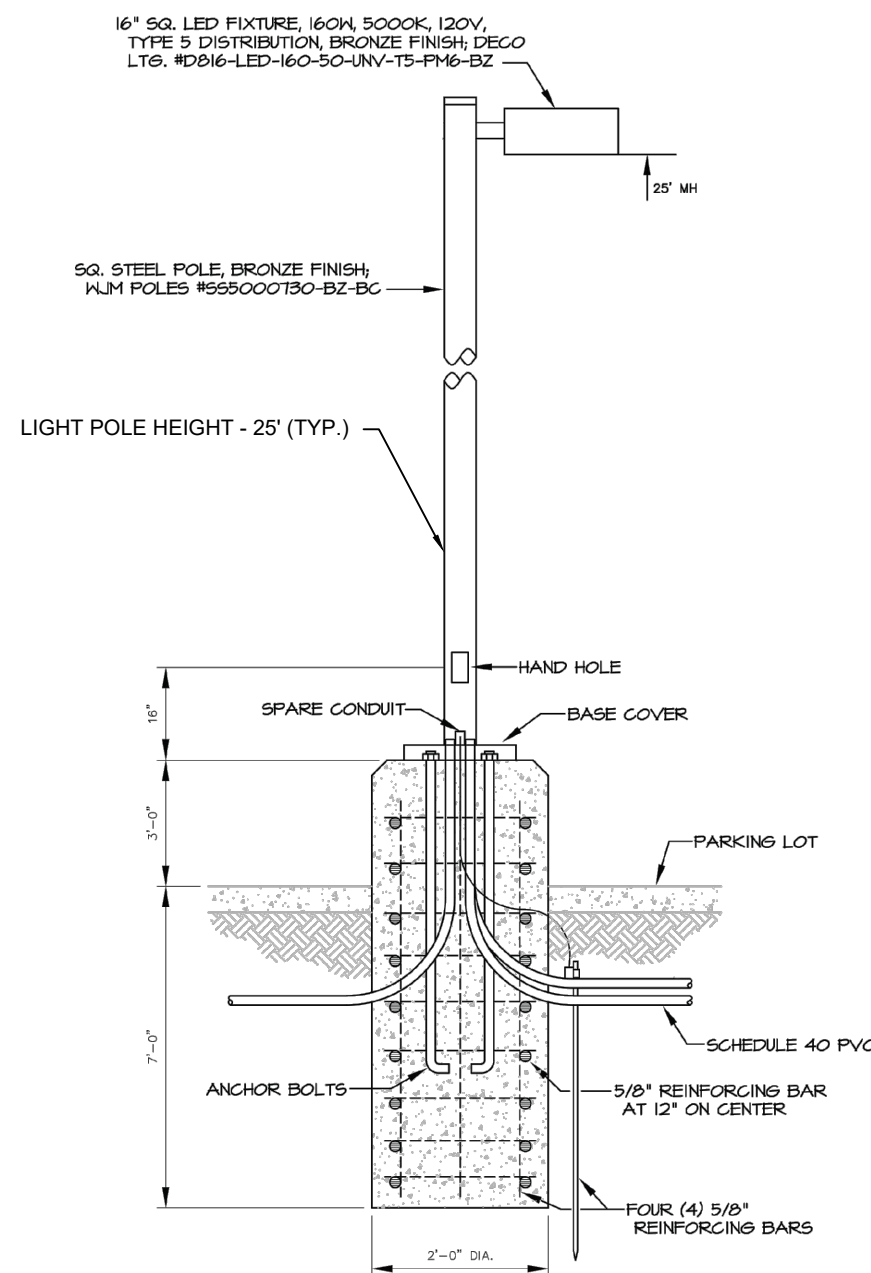
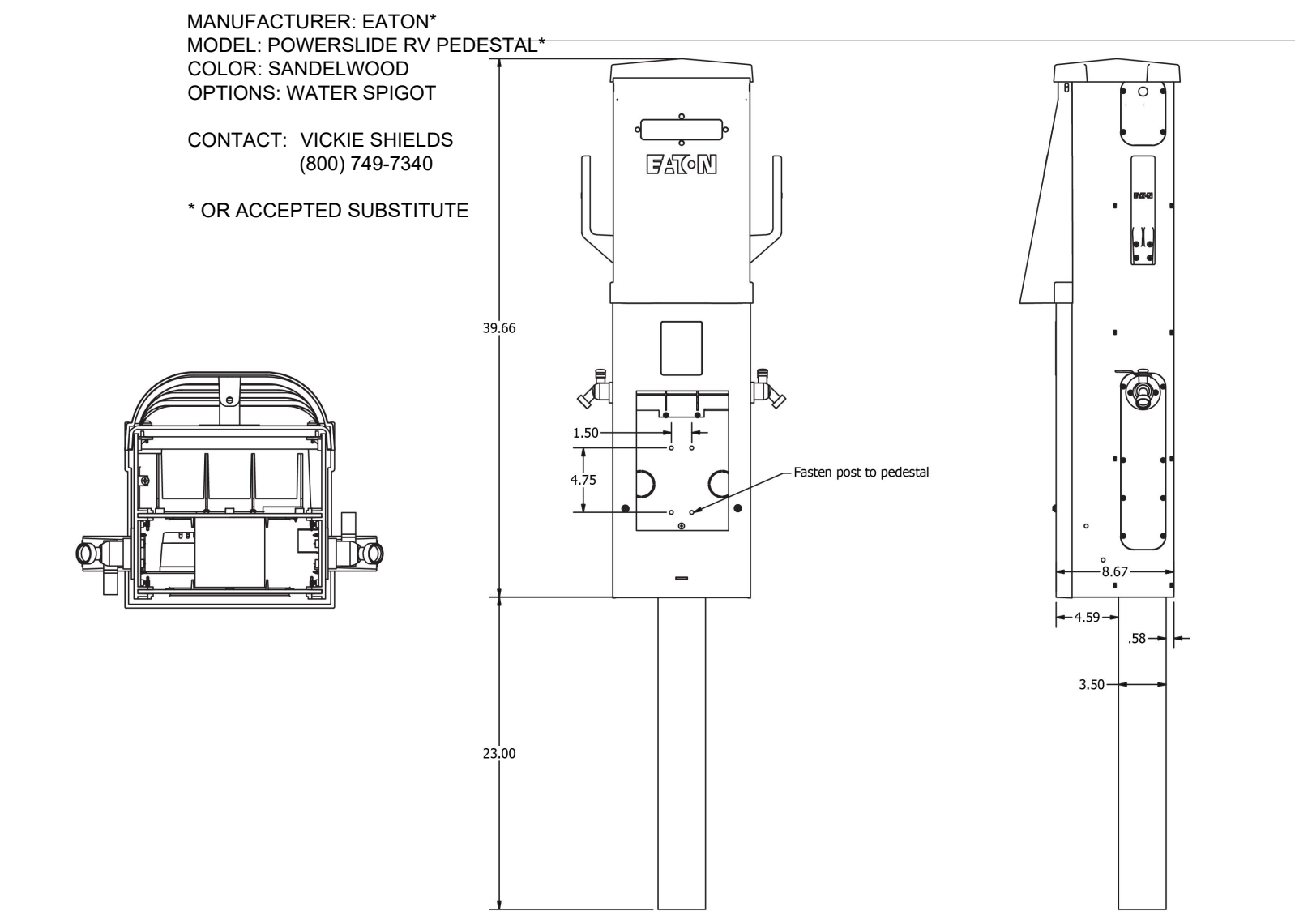
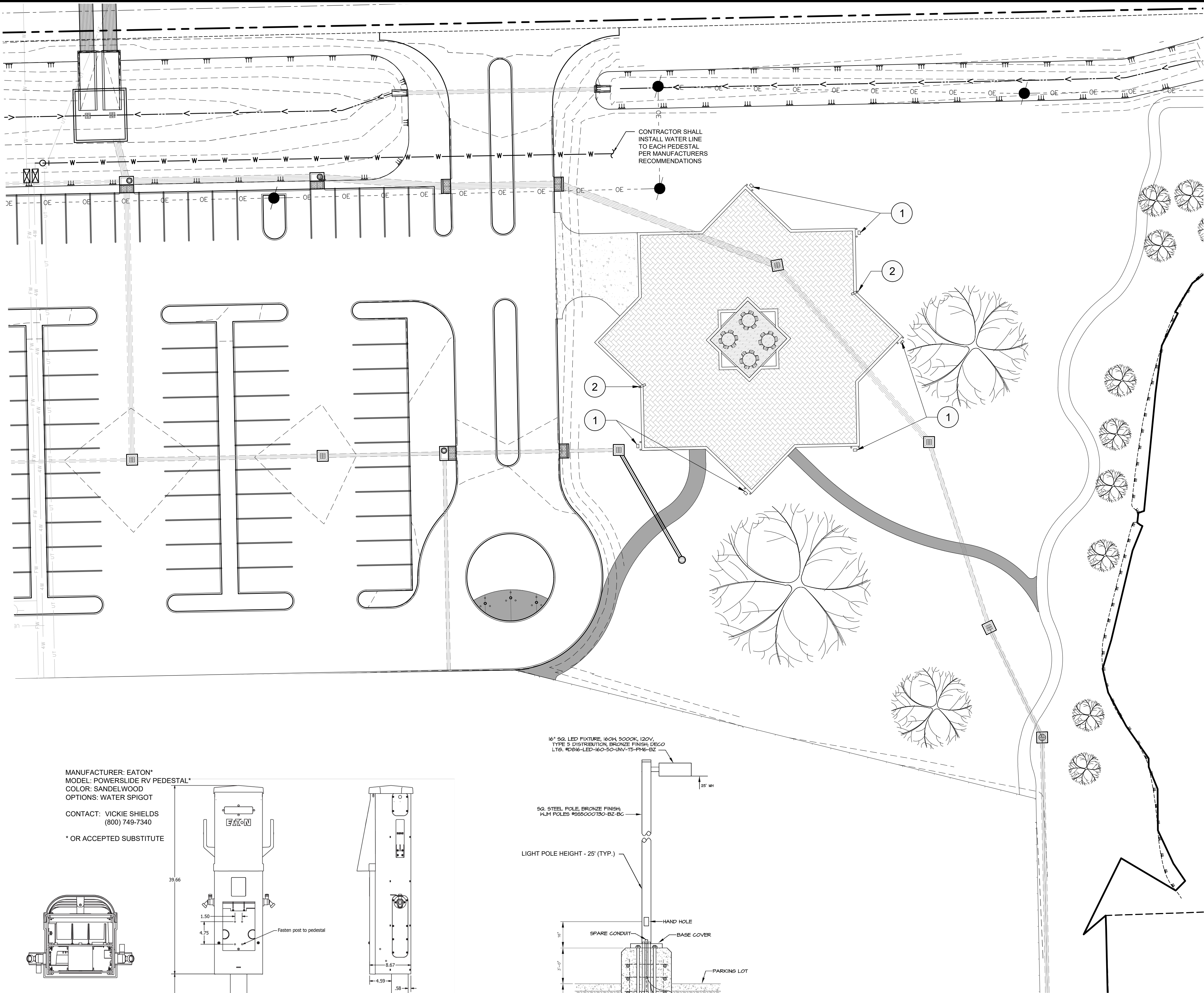
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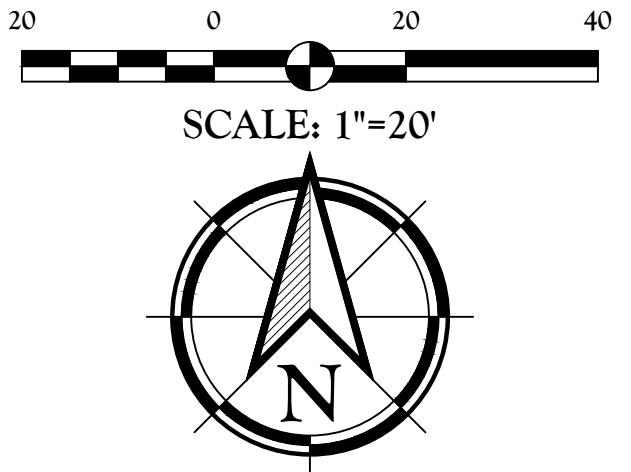
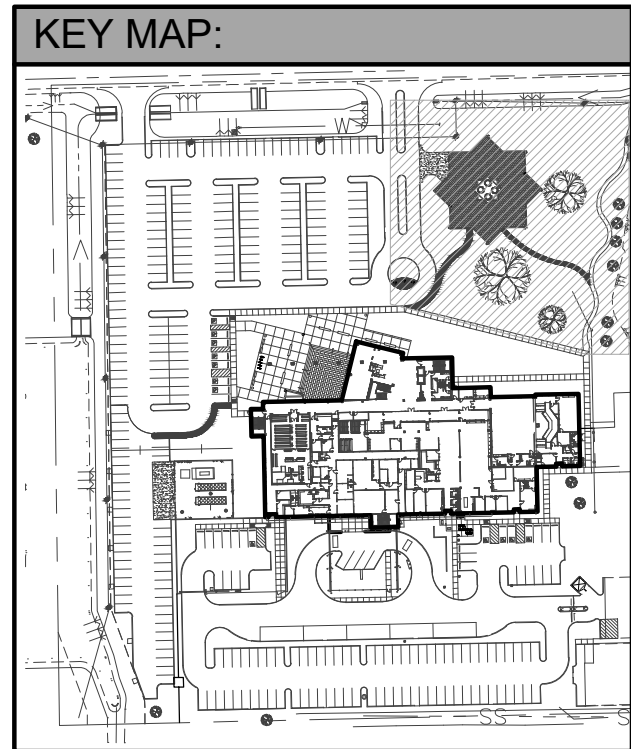




L3.2



NOTE: CONTRACTOR TO VERIFY AND MATCH EXISTING SITE LIGHTING



LEGEND:	
	PROPOSED WATER METER
	PROPOSED 1" WATER LINE
	EX. DRAINAGE PIPE
	EX. OVERHEAD ELECTRIC LINE
	EX. DITCH CENTERLINE
	EX. ROAD CENTERLINE
	EX. GRATE INLET
	EX. DROP INLET
	EX. POWER POLE
	EX. TELEPHONE PEDESTAL
	EX. LIGHT POLE
	EX. FIRE HYDRANT
	EX. WATER VALVE
	EX. TREE (SIZE/TYPE VARIES)
	EX. TRAFFIC SIGN

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	QTY	DETAIL
1	POST-MOUNT RV PEDESTAL	6	1/L4.0
2	POLE MOUNT AREA LIGHT	2	2/L4.0

BID ALTERNATE 2:

ALL PROPOSED ITEMS ON THIS SHEET TO BE A PART OF BID ALTERNATE 2.

GENERAL NOTES:

1) CONTRACTOR SHALL COORDINATE ALL UTILITY TIE-INS WITH THE CITY OF GONZALES AND UTILITY COMPANY, AS NEEDED.

UTILITY NOTES:

- CONTRACTOR SHALL COORDINATE INSTALLATION OF WATER IMPROVEMENTS WITH THE CITY OF GONZALES AND NOTIFY CIVIL ENGINEER BEFORE WORK IS DONE TO ALLOW REQUIRED PRE-CONSTRUCTION MEETING TO BE CONDUCTED BY ENGINEER. A PRE-CONSTRUCTION MEETING SHALL BE HELD PRIOR TO ANY UTILITY WORK BEING DONE. CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL RECORDS AND AS-BUILTS REQUIRED BY THE PARISH. ALL UTILITIES ARE TO BE INSTALLED ACCORDING TO ALL APPLICABLE STANDARDS AND REQUIREMENTS.
- ALL WATER PIPES SHALL CONFORM TO AWWA C-900 CLASS 150 WITH A SDR OF 18 OR THICKER. PIPE SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF LOUISIANA HEALTH DEPARTMENT, AND THE CITY OF GONZALES. ALL PIPE SHALL BE MARKED WITH SOLID CORE DETECTION WIRE AND WARNING TAPE IN ACCORDANCE WITH LUS REQUIREMENTS. ALL WATER LINES OTHER THAN FIRE SPRINKLER LINES SHALL BE TESTED AT 150 PSI. FIRE SPRINKLER SHALL BE TESTED AT 200 PSI.

POWER PEDESTAL / LIGHTING NOTES:

- CONTRACTOR SHALL DESIGN AND PROVIDE AN ELECTRICAL SERVICE TO PROVIDE POWER TO THE PEDESTALS, INCLUDING THE FOLLOWING CIRCUITS: 6-50 AMP, 6-50 AMP, AND 6-20 AMP. THE ELECTRICAL SERVICE SHALL INCLUDE METER PAN AND PANEL, MOUNTED TO A STEEL FRAME WITH APPROPRIATELY-SIZED FOUNDATION.
- CONTRACTOR SHALL SIZE AND INSTALL LIGHTING CONTROLS (TIMER WITH PHOTOCELL BACKUP) FOR TWO (2) POLE LIGHTS. CONTRACTOR SHALL PROVIDE, IN ADDITION TO CIRCUITS LISTED IN NOTE 1 ABOVE, THE REQUIRED CIRCUITS FOR POLE LIGHTS.

UTILITY NOTE:

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Louisiana 811
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Client:
ASCENSION PARISH
615 E WORTHLEY ST
GONZALES, LA 70737

Project:
**ASCENSION PARISH COURTHOUSE GREEN
INFRASTRUCTURE IMPROVEMENTS**
LOCATED IN
SECTION 33, TOWNSHIP 14TH RANGE 3 EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA

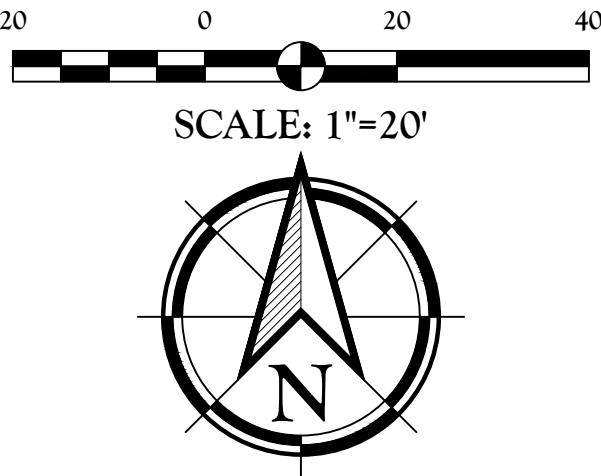
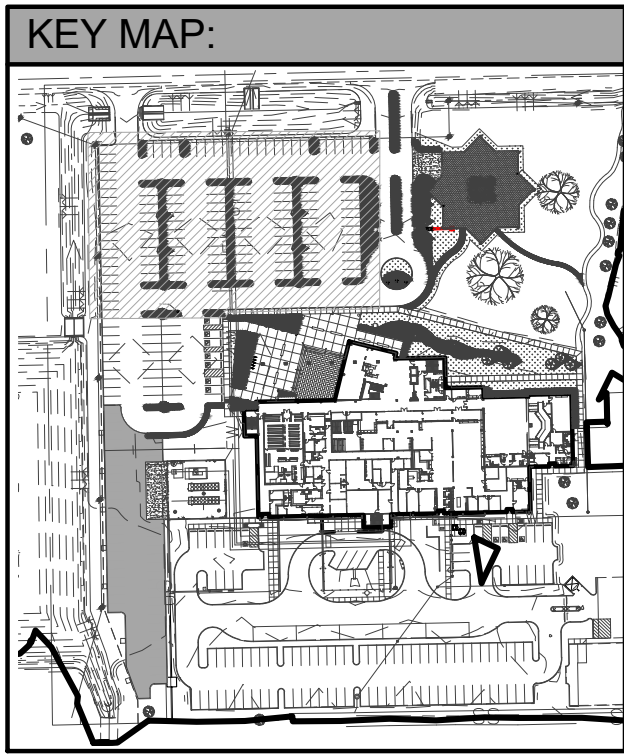
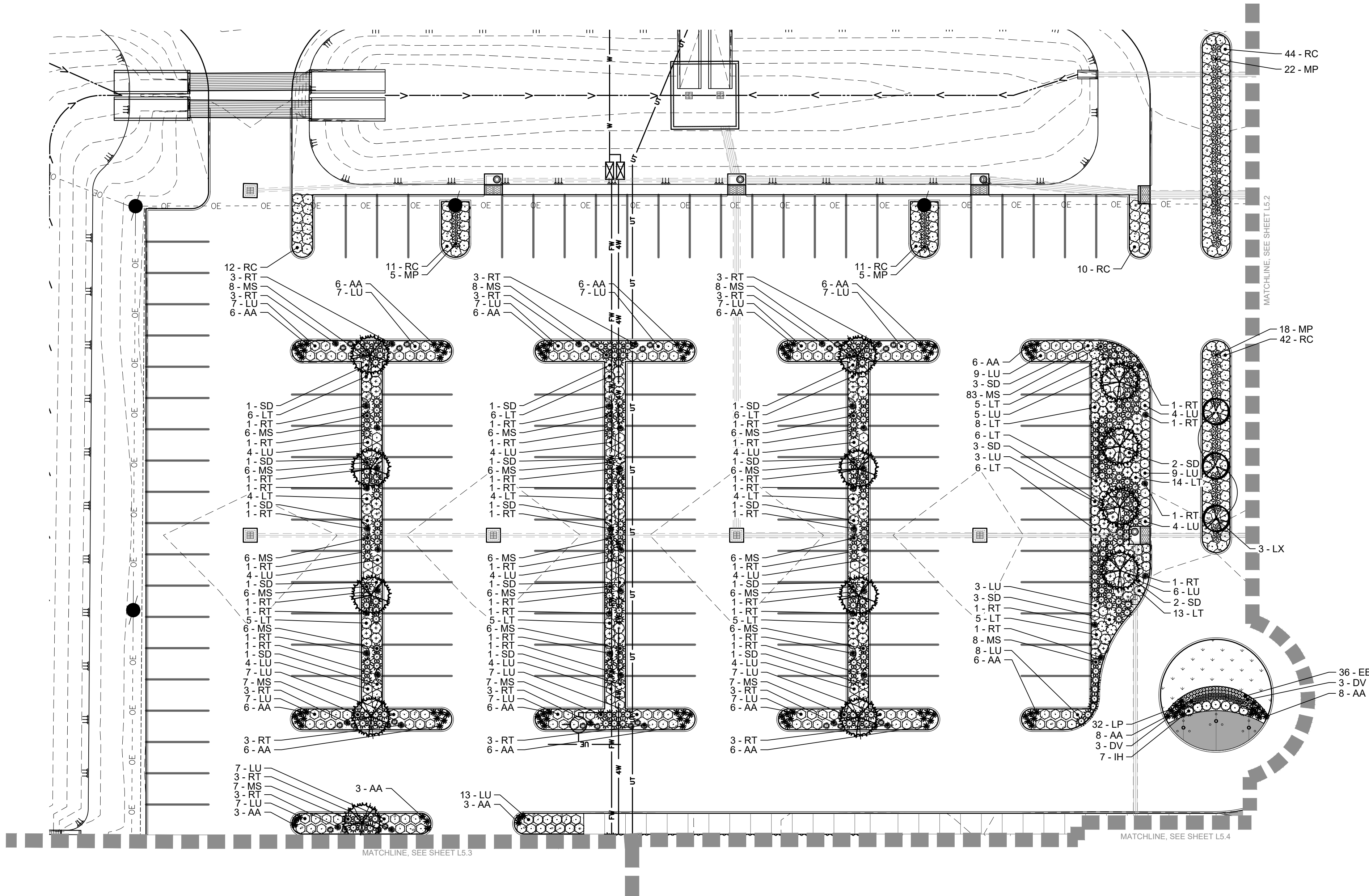
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Title:
UTILITY LAYOUT PLAN

Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L4.0

QUALITY
Engineering & Surveying, LLC
18320 Hwy 52 Port Vincent, LA 70728
225.696.1600 | www.qesla.com | info@qesla.com

Stamp:



PLANT SCHEDULE 1

SYMBOL	CODE	BOTANICAL / COMMON NAME
TREES		
	LX	Lagerstroemia indica x fauriei 'Acoma' / Acoma Crape Myrtle
	TA	Taxodium ascendens / Pond Cypress
SHRUBS		
	AA	Agapanthus africanus 'Blue' / Blue African Lily
	DV	Dianella tasmanica 'Variegata' / Variegated Flax Lily
	EB	Evolvulus glomeratus 'Blue Daze' / Brazilian Dwarf Morning Glory
	IH	Ilex crenata 'Adorned' / Touch of Gold™ Holly
	LT	Leucophyllum candidum 'Thunder Cloud' / Thunder Cloud Texas Sage
	LU	Loropetalum chinense rubrum 'PILC-III' / Purple Daydream® Dwarf Loropetalum
	LP	Lysimachia procumbens / Golden Globes
	MS	Miscanthus sinensis 'Adagio' / Adagio Eulalia Grass
	MP	Muhlenbergia capillaris 'Pink Cloud' / Pink Cloud Pink Muhly Grass
	RC	Rhododendron x 'Conlee' / Autumn Amethyst® Encore® Azalea
	RT	Rudbeckia triloba / Brown Eyed Susan
	SD	Spiraea x 'NCSX2' / Double Play Doozie® Spirea
GROUND COVERS		
	SOD	Cynodon dactylon 'Celebration' / Celebration Bermuda Grass
	MH	Mulch Mulch / Mulch
	STN	Rock / River Stone

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Client:
ASCENSION PARISH

Project:
615 E WORTHY ST
GONZALES, LA 70737

Project:
**ASCENSION PARISH COURTHOUSE GREEN
INFRASTRUCTURE IMPROVEMENTS**

Client:
615 E WORTHY ST
GONZALES, LA 70737

LANDSCAPE PLANTING PLAN

LOCATED IN:
SECTION 33, TOWNSHIP 17H, RANGE 3 EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA

Description:
P:\2021 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\21-224-224.LS.dwg

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Engineering & Surveying, LLC
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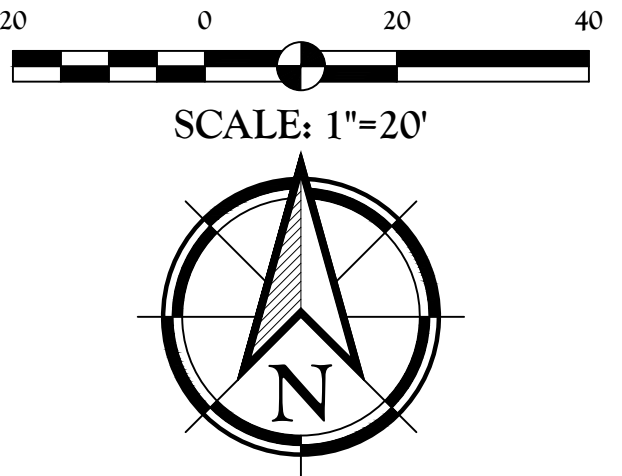
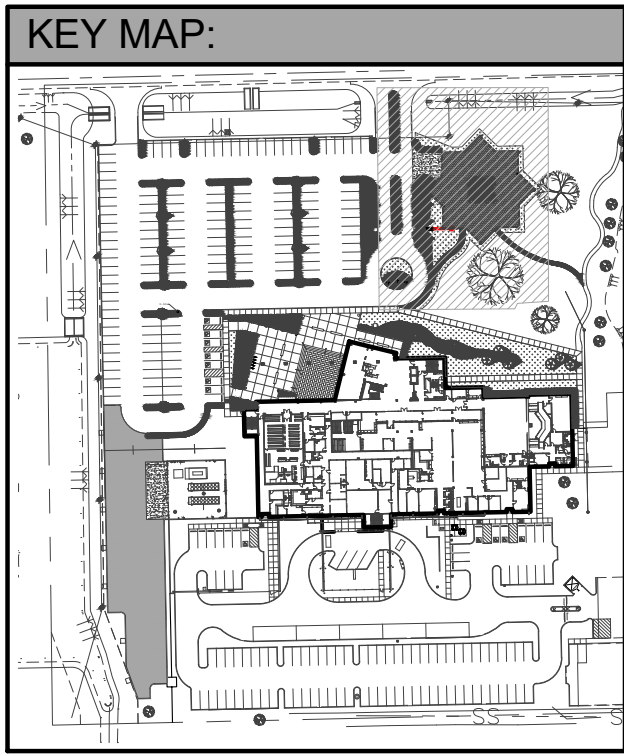
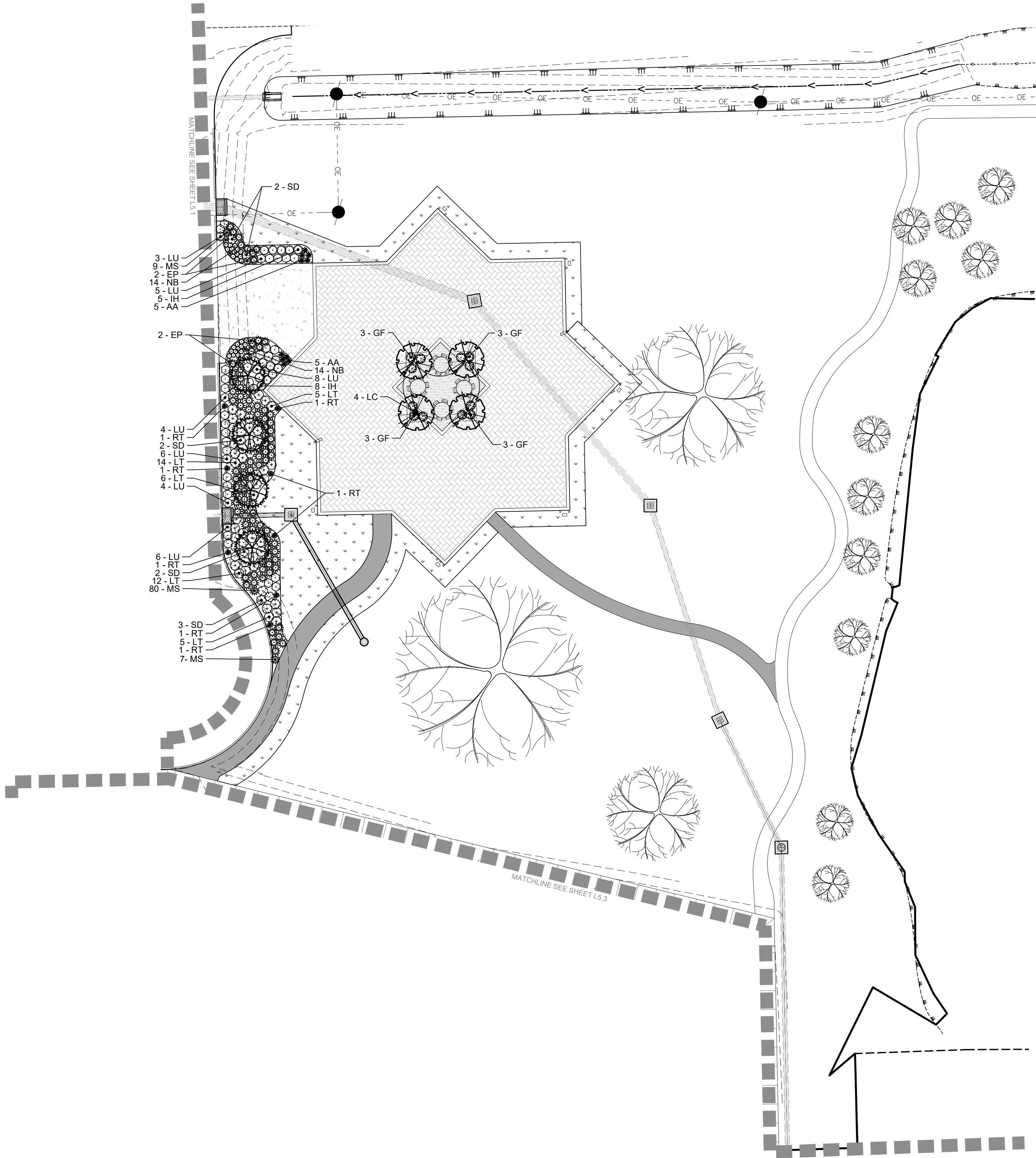
Stamp:
MICHAEL L. PETTY
P-255
12/31/24

Drawn By: TT

Date: FEBRUARY 2024

Project No.: 21-224

Sheet: **L5.1**



PLANTING LEGEND:		
TREES	CODE	COMMON NAME
	LC	Catawba Crape Myrtle
	LU2	Acoma Crape Myrtle
	TA	Pond Cypress
SHRUBS	CODE	COMMON NAME
	AA	Blue African Lily
	DV	Variegated Flax Lily
	EP	Coneflower
	EB	Brazilian Dwarf Morning Glory
	GF	Frostproof Gardenia
	IH	Touch of Gold™ Holly
	LT	Thunder Cloud Texas Sage
	LU	Purple Daydream® Dwarf Loropetalum
	LP	Golden Globes
	MS	Adagio Eulalia Grass
	MP	Pink Cloud Pink Muhly Grass
	NB	Blush Pink™ Heavenly Bamboo
	RC	Autumn Amethyst® Encore® Azalea
	RT	Brown Eyed Susan
	SD	Double Play Doozie® Spirea
GROUND COVERS	CODE	COMMON NAME
	CC	Celebration Bermuda Grass
	MH	Mulch

UTILITY NOTE:
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BID ALTERNATE 1:
ALL WORK ON THIS SHEET TO BE PERFORMED AS A PART OF BID ALTERNATE 1

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Client:
ASCENSION PARISH
615 E WORTHY ST
GONZALES, LA 70737

Project:
**ASCENSION PARISH COURTHOUSE GREEN
INFRASTRUCTURE IMPROVEMENTS**
615 E WORTHY ST
GONZALES, LA 70737

LANDSCAPE PLANTING PLAN

LOCATED IN:
SECTION 33, TOWNSHIP 14 N, RANGE 3 E, EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA

DESCRIPTION:
P-1-201 Project 1/1-2/1 - Ascension Parish Courthouse Green Infrastructure Improvements - 1A [Drawing] (2/1-2/1-18).dwg

QUALITY
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18320 Hwy 42, Port Vincent, LA 70726
225.698.1600 | www.qesla.com | info@qesla.com

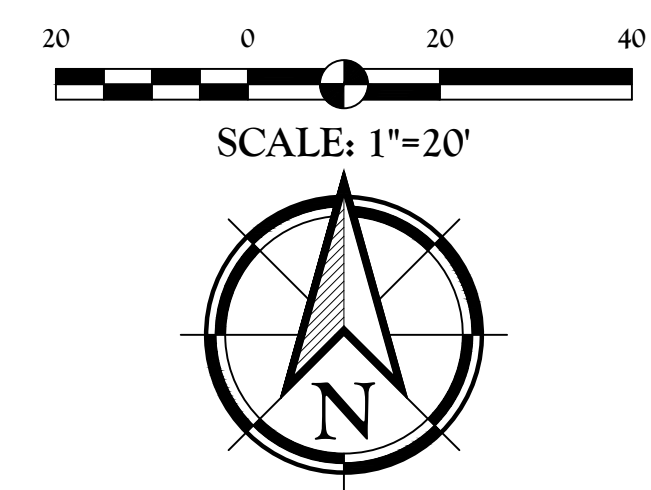
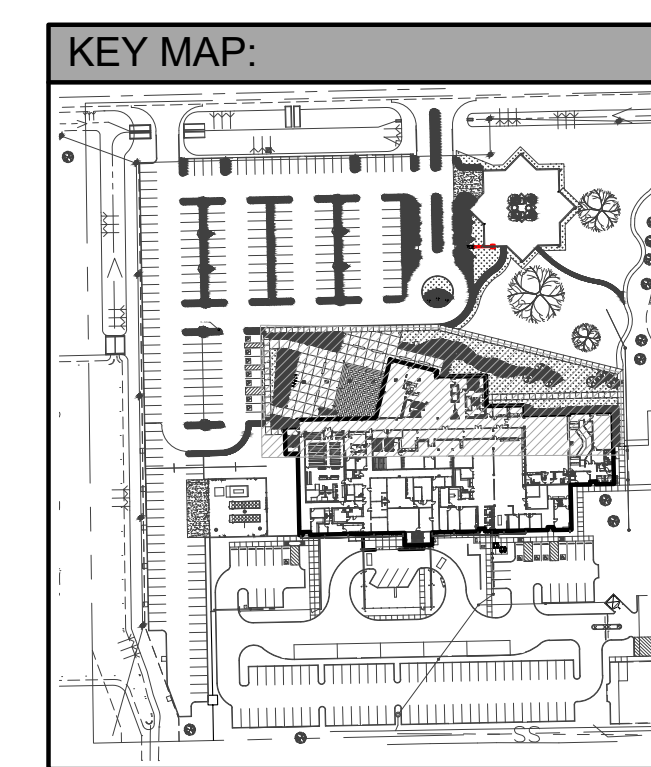
Stamp:
MICHAEL L. PETTY
REG. NO. P-255
LICENSED
LANDSCAPE ARCHITECT
02/01/24

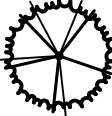


















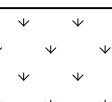
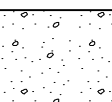
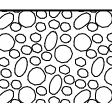
Drawn By: TT

Date: FEBRUARY 2024

Project No.: 21-224

Sheet: L5.2



PLANTING LEGEND:		
TREES	CODE	COMMON NAME
	TA	Pond Cypress
SHRUBS	CODE	COMMON NAME
	AA	Blue African Lily
	AT	Butterfly Milkweed
	BM	Miss Molly Butterfly Bush
	BB	Baby Gem™ Boxwood
	EP	Coneflower
	GF	Frostproof Gardenia
	HE	BloomStruck® Endless Summer® Hydrangea
	IH	Touch of Gold™ Holly
	LT	Thunder Cloud Texas Sage
	LU	Purple Daydream® Dwarf Loropetalum
	MS	Adagio Eulalia Grass
	MN	Little Miss Eulalia Grass
	MP	Pink Cloud Pink Muhly Grass
	NB	Blush Pink™ Heavenly Bamboo
	PI	Parsley
	RC	Autumn Amethyst® Encore® Azalea
	RT	Brown Eyed Susan
	SD	Double Play Doozie® Spirea
GROUND COVERS	CODE	COMMON NAME
	CC	Celebration Bermuda Grass
	MH	Mulch
	STN	River Stone

UTILITY NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.

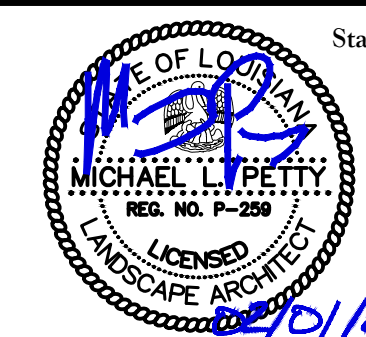


BY LAW, ANYONE PLANNING MECHANIZED DIGGING OR EXCAVATION WORK IN LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OR 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT WWW.LOUISIANA811.COM AT LEAST TWO FULL BUSINESS DAYS PRIOR TO RHE PROJECTS START DATE.

Title:	LANDSCAPE PLANTING PLAN	Client:	ASCENSION PARISH
Description:	<p>LOCATED IN RANGE 3 EAST, SECTION 38, TOWNSHIP 9 SOUTH, SOUTHEASTERN DISTRICT, MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA</p>	Project:	ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
DWG Path:	P:\2021 Projects\37-224 - Ascension Parish Courthouse Green Infrastructure Improvements\37-224\18_15.dwg		615 E WORTHY ST CONZALE, LA 70737



 **QUALITY**
Engineering & Surveying, LLC
18320 Hwy 42 Port Vincent, LA 70726
225.698.1600 | www.qesla.com | Info@qesla.com



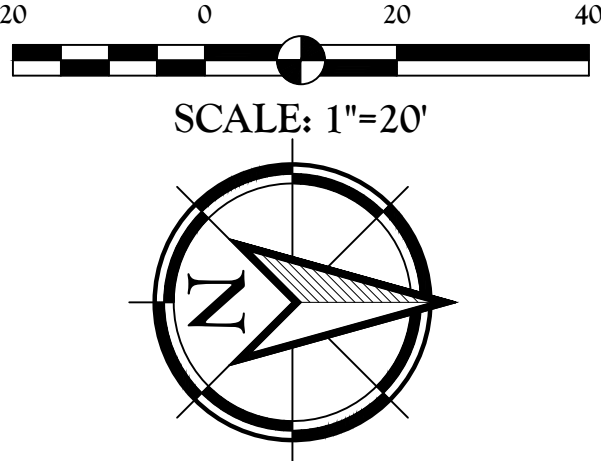
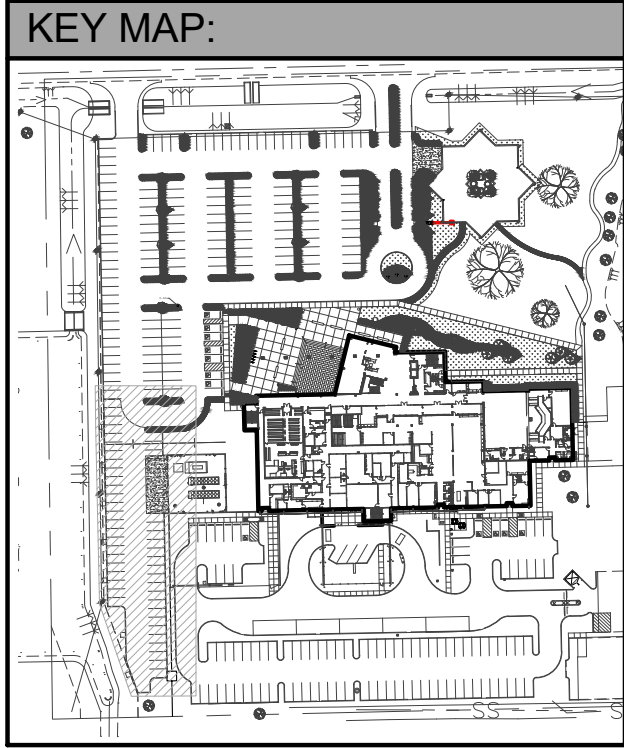
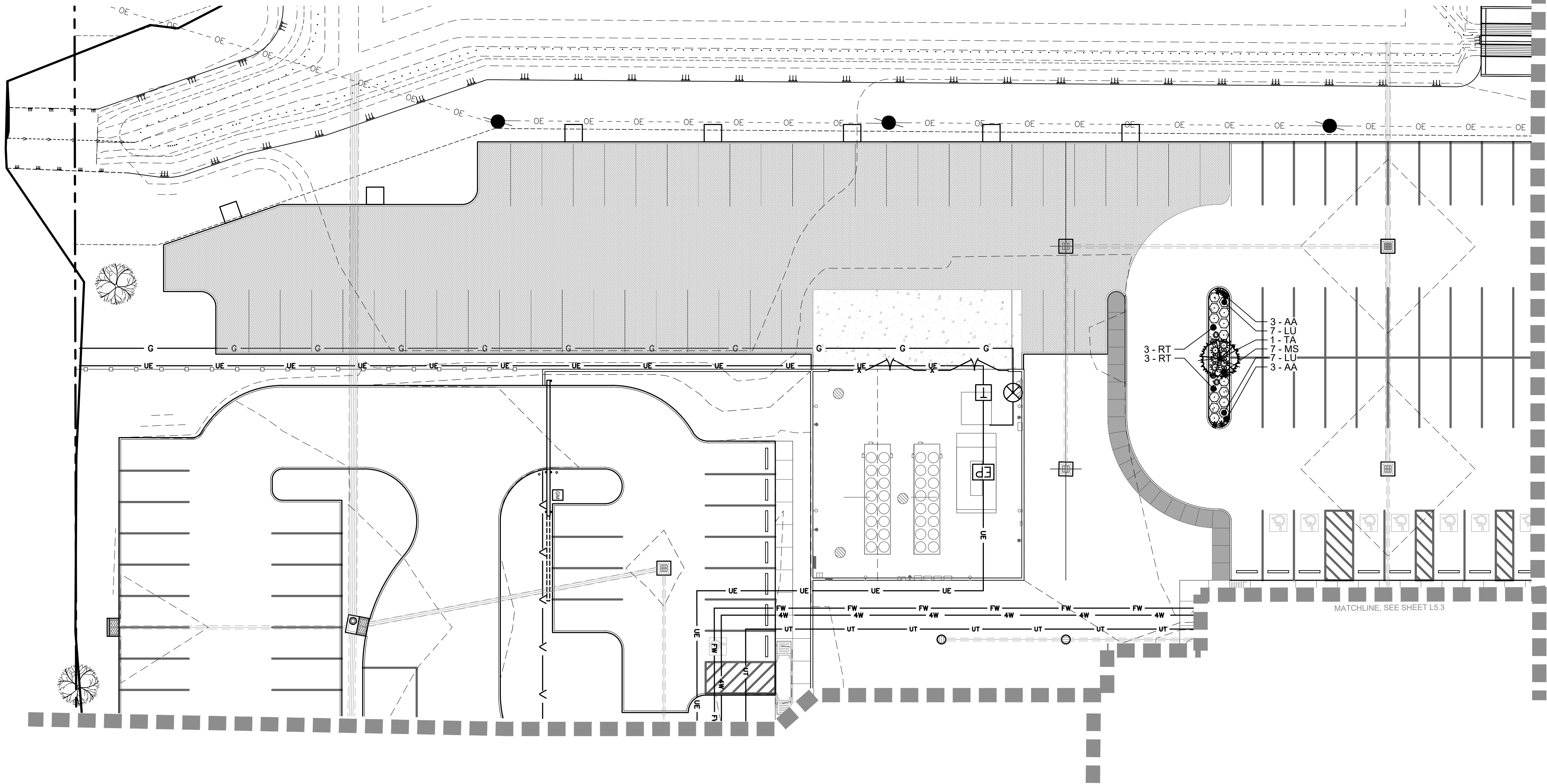
Drawn By: TT

Date: FEBRUARY 2024

Project No.: 21-224

Sheet:

L5.3



PLANTING LEGEND:		
TREES	CODE	COMMON NAME
	TA	Pond Cypress
SHRUBS	CODE	COMMON NAME
	AA	Blue African Lily
	LU	Purple Daydream® Dwarf Loropetalum
	MS	Adagio Eulalia Grass
	RT	Brown Eyed Susan
GROUND COVERS	CODE	COMMON NAME
	MH	Mulch

UTILITY NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.

BY LAW, ANYONE PLANNING MECHANIZED DIGGING OR EXCAVATION WORK IN LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OR 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT WWW.LOUISIANA811.COM AT LEAST TWO FULL BUSINESS DAYS PRIOR TO RHE PROJECTS START DATE.

Title	Client: ASCENSION PARISH	Client: 615 E WORTHY ST GONZALES, LA 70737
	Project: ASCENSION PARISH COURTHOUSE GREENS INFRASTRUCTURE IMPROVEMENTS	Project: 615 E WORTHY ST GONZALES, LA 70737
	Description: LOCATED IN SECTION 33, TOWNSHIP 17TH RANGE 3 EAST, SOUTHEASTERN EAST OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA	DWG Path: P:\V-201 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\21-224-18.L5.dwg

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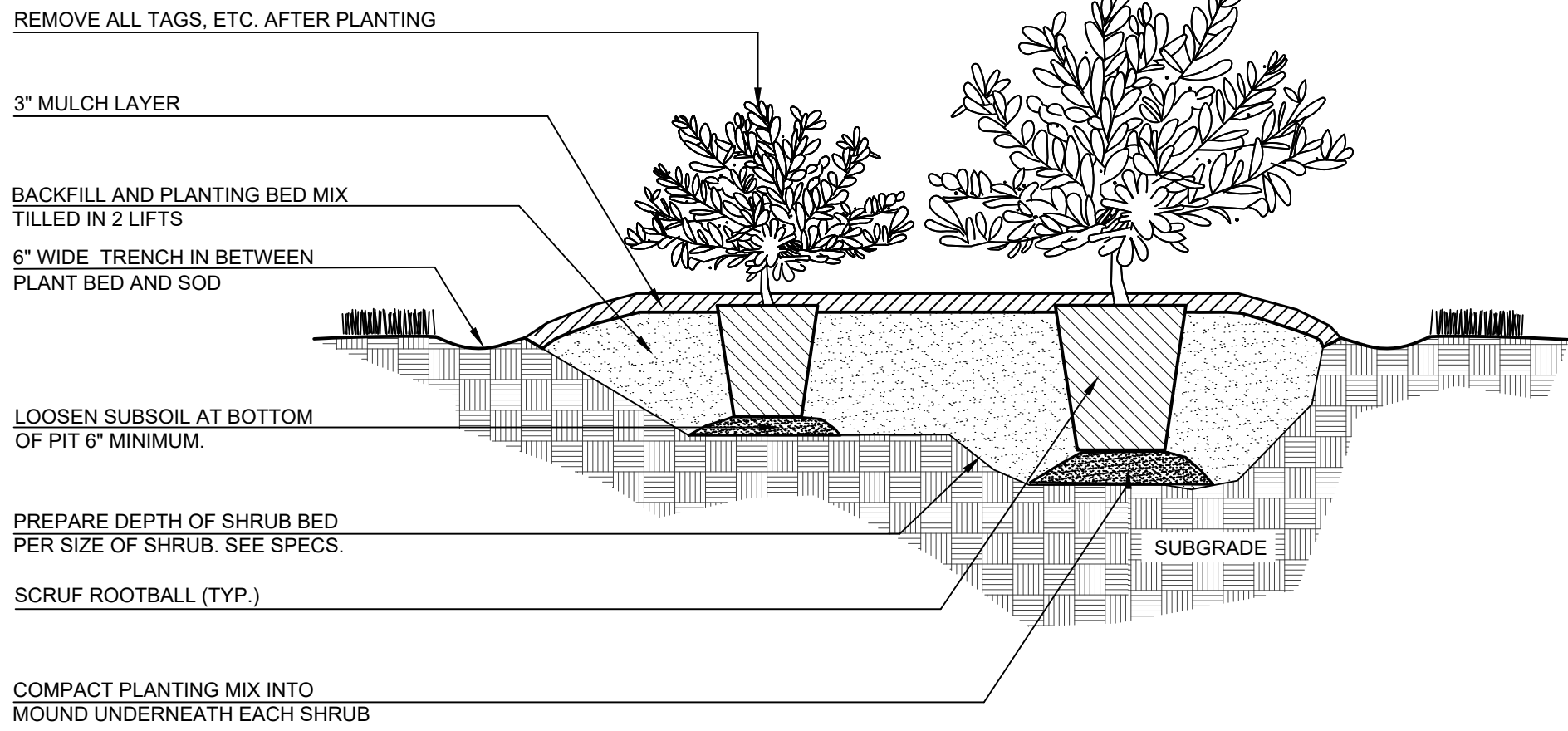
Stamp: 02/01/24

Drawn By: TT

Date: FEBRUARY 2024

Project No.: 21-224

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NOTES

3 GUY WIRES REQUIRED PER PLANT. SPACE EQUALLY AT 120" AROUND TREE, CONNECTED TO MAJOR TRUNKS. INTERCONNECT MAJOR TRUNKS.

PRUNE AS DIRECTED BY LANDSCAPE ARCHITECT. DO NOT CUT LEADER.

BLACK REINFORCED PROTECTIVE HOSE. PLACE ABOVE 1ST TIER OF BRANCHES.

NO. 10 GAUGE GALVANIZED GUY WIRE, DOUBLED AND TWISTED TIGHT.

2" WOOD STAKES 6" MIN. (18" BELOW GRADE) PAINT W/ FLAT BLACK EXTERIOR PAINT (3 TOTAL SPACE EQUALLY AT 120" AROUND TREE, WRAP TOP 1/3 OF ROD W/ WHITE 2" REFLECTIVE TAPE. CONNECT TO MAJOR TRUNK, INTERCONNECT MAJOR TRUNKS.)

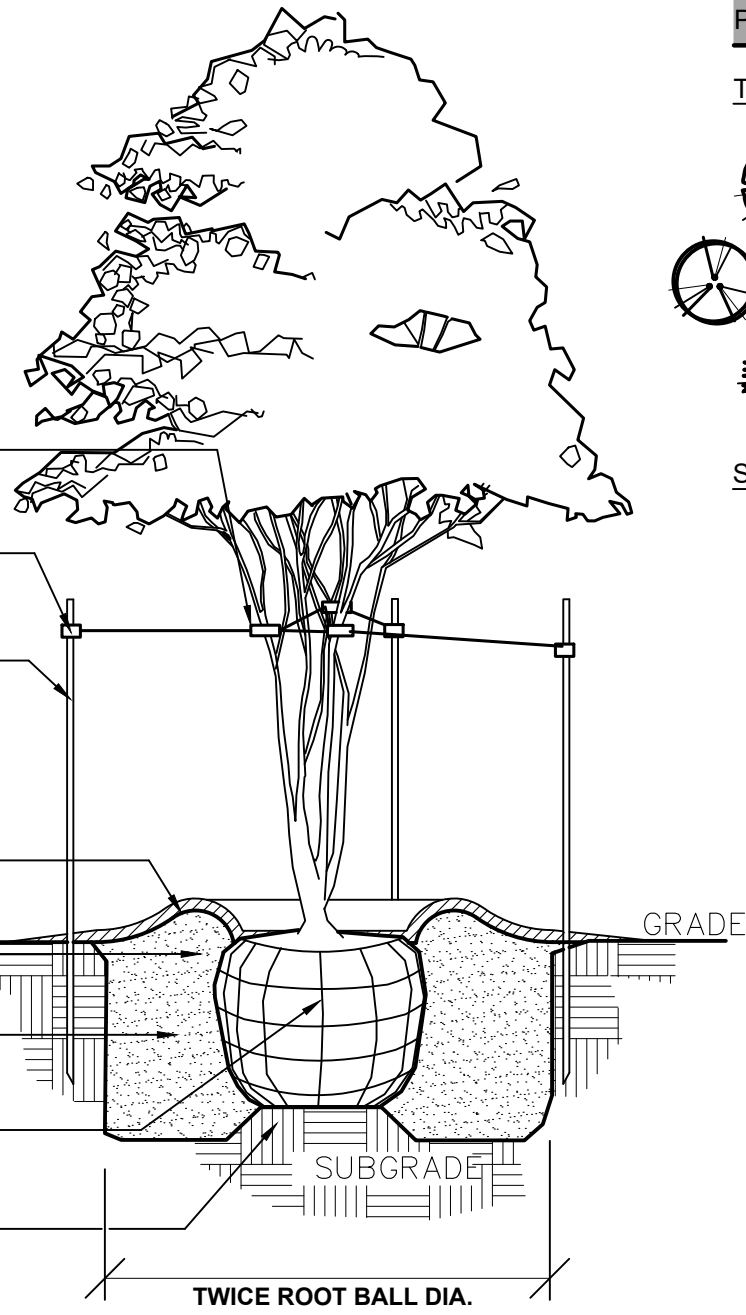
3" MULCH LAYER

4" SAUCER RIM SLOPED GRADUALLY TO FINISHED GRADE

BACKFILL & PLANTING MIX

SET BALL 2" HIGHER THAN GRADE REMOVE BURLAP & WIRE FROM TOP 6" OF BALL

LOOSEN SUBSOIL AT BOTTOM OF PIT 6" MINIMUM.



PLANT SCHEDULE:

TREES	CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY
LC		Lagerstroemia indica 'Catawba' / Catawba Crape Myrtle	30g	3 Trunks	6' - 7' H.	7
LX		Lagerstroemia indica x fauriei 'Acoma' / Acoma Crape Myrtle	30g	3 Trunks	5'-6" H., 3'-4" SP.	3
TA		Taxodium ascendens / Pond Cypress	30g	2.5" Min.	8' Min.	24
SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT	SIZE		
AA		Agapanthus africanus 'Blue' / Blue African Lily	3 gal	18-20" H, 18-20" SP.		140
AT		Asclepias tuberosa / Butterfly Milkweed	3 gal	14"-16" H, 14"-16" SP		19
BM		Buddleja x 'Miss Molly' / Miss Molly Butterfly Bush	3 gal	18-20" H, 18-20" SP.		15
BB		Buxus microphylla japonica 'Gregar' / Baby Gem™ Boxwood	3 gal	12"-14" H, 12"-14" SP.		17
DV		Dianella tasmanica 'Variegata' / Variegated Flax Lily	3 gal			6
EP		Echinacea purpurea / Coneflower	3 gal	12"-14" H, 12"-14" SP.		25
EB		Evolvulus glomeratus 'Blue Daze' / Brazilian Dwarf Morning Glory	1 gal			36
GF		Gardenia jasminoides 'Frostproof' / Frostproof Gardenia	3 gal	14"-16" H, 14"-16" SP		44
HE		Hydrangea macrophylla 'PIIHM-II' / BloomStruck® Endless Summer® Hydrangea	3 gal	18-20" H, 18-20" SP.		8
IH		Ilex crenata 'Adorned' / Touch of Gold™ Holly	3 gal	14"-16" H, 14"-16" SP		104
LT		Leucophyllum candidum 'Thunder Cloud' / Thunder Cloud Texas Sage	3 gal	14"-16" H, 14"-16" SP		169
LU		Loropetalum chinense rubrum 'PIILC-III' / Purple Daydream® Dwarf Loropetalum	3 gal	14"-16" H, 14"-16" SP		370
LP		Lysimachia procumbens / Golden Globes	1 gal			32
MS		Miscanthus sinensis 'Adagio' / Adagio Eulalia Grass	3 gal	18-20" H, 18-20" SP.		379
MN		Miscanthus sinensis 'Little Miss' / Little Miss Eulalia Grass	3 gal	14"-16" H, 14"-16" SP		53
MP		Muhlenbergia capillaris 'Pink Cloud' / Pink Cloud Pink Muhly Grass	3 gal	18"-20" H, 12"-14" SP.		68
NB		Nandina domestica 'AKA' / Blush Pink™ Heavenly Bamboo	3 gal	10"-12" H x 10"x12" SP		242
PI		Petroselinum crispum 'Italian Giant' / Parsley	1 gal			9
RC		Rhododendron x 'Conlee' / Autumn Amethyst® Encore® Azalea	3 gal	14"-16" H, 14"-16" SP		444
RT		Rudbeckia triloba / Brown Eyed Susan	1 gal	14"-16" H, 14"-16" SP		100
SD		Spiraea x 'NCSX2' / Double Play Doozie® Spirea	3 gal	14"-16" H, 14"-16" SP		54
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	QTY			
SOD		Cynodon dactylon 'Celebration' / Celebration Bermuda Grass	10,670 sf			
MH		Mulch Mulch / Mulch	15,209 sf			
STN		Rock / River Stone	420 sf			

1 TYPICAL SHRUB PLANTING

2 MULTI- TRUNK TREE DETAIL

3 BIOSWALE PLANTING SECTION

NOTES

PRUNE AS DIRECTED BY LANDSCAPE ARCHITECT. DO NOT CUT LEADER.

WHITE FLAGGING TAPE (ONE PER WIRE)

ABORTIVE FABRIC
PLACE ABOVE 1ST TIER OF BRANCHES

IF TREE CAL. IS 2 1/2" OR LESS, NO. 12 GAUGE GALVANIZED GUY WIRE, DOUBLED AND TWISTED TIGHT.

2" x 2" WOOD STAKE-6" MINIMUM (18" BELOW GRADE) PAINT W/ FLAT BLACK EXTERIOR PAINT

3" MULCH LAYER

4" SAUCER RIM SLOPED GRADUALLY TO FINISH GRADE.

BACKFILL & PLANTING MIX

SET BALL 2" HIGHER THAN GRADE

SCARIFY SIDES OF PIT

LOOSEN SUBSOIL AT BOTTOM OF PIT 6" MINIMUM.

4 TYPICAL TREE PLANTING

LANDSCAPE PLANTING NOTES:

- LOCATE ALL UTILITIES ON THE SITE PRIOR TO COMMENCING ANY WORK. ANY DAMAGE DONE TO EXISTING OR NEW UTILITIES SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- COORDINATE WORK WITH THE WORK OF OTHER TRADES ON THE SITE.
- ENTIRE SITE SHALL BE GRADED TO FINISH GRADE PRIOR TO SCHEDULING PLANTING INSTALLATION.
- APPLY FOR AND PROCURE ANY REQUIRED PERMITS PRIOR TO COMMENCING WORK.
- STAKE OUT ALL TREE LOCATIONS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- PLANTS SHALL BE SPECIMEN QUALITY, FULL POT AND HEAD, SYMMETRICAL FOLIAGE AND BRANCHING STRUCTURE.
- PROVIDE PHOTOGRAPHS WITH SCALE FIGURES FOR TREES OR SAMPLE TREES FROM NURSERY FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO DELIVERY TO THE SITE.
- PLANT MATERIAL OF THE SAME SPECIES SHALL BE MATCHING IN CHARACTER AND SIZE, AND OBTAINED FROM THE SAME SOURCE.
- LANDSCAPE CONTRACTOR SHALL FINE GRADE AND SOD ALL AREAS DAMAGED BY CONSTRUCTION. SEE PLANT LIST FOR SOD/SEED REQUIREMENTS.
- ALL TREES ARE TO BE STAKED AND PLANTED AS SHOWN IN DETAILS.
- TREES SPECIFIED TO BE CONTAINER GROWN, TREES WHICH HAVE BEEN GROWN IN FIELD CONDITIONS AND PLACED IN CONTAINERS WILL BE NOT ACCEPTED. TREES GROWN IN GROW BAGS WILL BE NOT ACCEPTED.
- PLANTS SHALL BE WELL FORMED, NO. 1 GRADE OR BETTER NURSERY STOCK AND SHALL MEET THE APPLICABLE STANDARDS NOTED HEREIN AND SHALL BE SUBJECT TO REJECTION BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
- THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE MAY REJECT ANY MATERIALS THAT DO NOT MEET THE REQUIREMENTS OF THE PLANT LIST, DRAWINGS OR NOTES. REJECTED MATERIALS SHALL BE REMOVED BY THE CONTRACTOR AT NO COST TO THE OWNER. IN THE EVENT THAT THE MATERIALS ARE REJECTED, THE CONTRACTOR SHALL PURSUE AND EXAMINE OTHER SOURCES OF MATERIALS UNTIL ACCEPTABLE SPECIMENS ARE FOUND. SUCH A CHANGE WILL NOT CONSTITUTE AND INCREASE IN COST TO THE OWNER.
- ALL TREES SHALL EQUAL OR EXCEED THE MEASUREMENTS SPECIFIED IN THE PLANT LIST AND ARE MINIMUM ACCEPTABLE SIZE. DIMENSIONS FOR HEIGHT AND SPREAD IN THE PLANT LIST REFER TO THE MAIN BODY OF THE TREE AND NOT FROM THE BRANCH TIP TO BRANCH TIP.
- CALIPER SIZES SHALL BE MEASURED SIX INCHES (6") ABOVE GROUND LEVEL.
- PLANTS MEETING THE REQUIREMENTS IN THE PLANT LIST, BUT NOT POSSESSING NORMAL BALANCE BETWEEN HEIGHT AND SPREAD, HAVE DAMAGED BARK AND DAMAGED LIMBS WILL BE NOT ACCEPTED.
- ALL TREES SHALL BE MULCHED 3" THICK USING A HARDWOOD MULCH CONSISTING OF COMPOSTED AND RECYCLED TREE AND BRUSH TRIMMINGS AND SHALL BE 95% HARDWOOD MATERIAL. THE MULCH SHALL INCLUDE PARTICLE SIZES WHICH ARE 1/2" OR GREATER, BUT NOT GREATER THAN 4". CYPRESS BARK WILL BE NOT ACCEPTED.
- WATER MANAGEMENT GEL SHALL BE MIXED WITH SOIL FOR EACH TREE AS PER MANUFACTURER'S RECOMMENDATIONS. THE GEL SHALL CONSIST OF A POLYMER WITH THE ABILITY TO RETAIN AND RELEASE AVAILABLE WATER TO THE ROOT ZONE.
- FERTILIZER SHALL BE 10-12-12 OR OTHER APPROVED BLEND, APPLIED AT THE RATE RECOMMENDED BY THE MANUFACTURER. ANY FERTILIZER THAT BECOMES WET, CAKED OR OTHERWISE DAMAGED, MAKING IT UNSUITABLE FOR USE WILL BE NOT ACCEPTED.
- ALL TREE PITS MUST BE LOOSENEED TO A DEPTH THAT ANY HARDPAN HAS BEEN BROKEN AND MOISTURE IS ALLOWED TO MOVE THROUGH FREELY. ALL TREES SHALL BE SET PLUMB ON UNDISTURBED SUB GRADE. THE TREE MUST BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS TREES ORIGINAL GRADE IN NURSERY OR BE SLIGHTLY ABOVE (NO MORE THEN ONE AND ONE HALF INCHES) FINISHED GRADE. TREE SHALL SET ON UNDISTURBED SUBGRADE. TREES THAT ARE PLANTED TOO LOW OR THAT SETTLE BELOW FINISHED GRADE OR THAT ARE PLANTED TOO HIGH SHALL BE REPLANTED AT CONTRACTOR'S EXPENSE. ALL TREES MUST BE WATERED AT TIME OF PLANTING TO POINT OF SATURATION. BACKFILL AROUND ROOTBALL IN LAYERS TO PREVENT AIR POCKETS. DO NOT PACK THE SOIL TIGHTLY. USE LIGHT FOOT PRESSURE AND WATER TO GENTLY PACK THE SOIL. COMPLETELY REMOVE ALL WIRE BINDINGS AND TIES. COMPLETELY REMOVE BURLAP OR PEEL. PACK BURLAP ON TOP 1/3 OF ROOT BALL AND CUT SIX 8 TO 10 INCH SLICES IN BURLAP. EVENLY SPACED AROUND ROOTBALL. PRUNE LOWER BRANCHES OF TREES WITH 1.5" TRUNK CALIPER OR GREATER, TO A MIN. HEIGHT OF 4'-0" ABOVE GROUND. NOTIFY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IMMEDIATELY OF ALL SUBSURFACE DRAINAGE OR SOIL CONDITIONS WHICH THE CONTRACTOR CONSIDERS TO BE DETRIMENTAL TO THE GROWTH OR SURVIVAL OF THE PLANT MATERIAL.
- ALL LAWN AREAS THAT DO NOT SHOW SATISFACTORY GROWTH WITHIN 2 WEEKS OF SODDING/SEEDING SHALL BE RE-SODDED/RE-SEEDED AS DIRECTED UNTIL A SATISFACTORY LAWN HAS BEEN ESTABLISHED.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE LANDSCAPE CONTRACTOR FOR A PERIOD OF ONE YEAR BEGINNING AT THE DATE OF SUBSTANTIAL COMPLETION OF THE WORK.
- FINAL ACCEPTANCE ALL TREES BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE WILL BE MADE ONLY IF ALL TREES ARE IN PLACE, LIVING AND ARE IN CONFORMANCE WITH THE DRAWING, PLANT LIST AND NOTES.

UTILITY NOTE:

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Client: **ASCENSION PARISH**
615 E WORTHLEY ST
GONZALES, LA 70725

Project: **ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS**

Location: **SECTION 33, TOWNSHIP 14 NORTH, RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA**

Description: **LOCATED IN SECTION 33, TOWNSHIP 14 NORTH, RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA**

DWG Path: **P:\2020 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\0 - I\A\Drawings\02\21-224-LS.dwg**

Title: **LANDSCAPE PLANTING SCHEDULE & DETAILS**

Stamp: **QUALITY Engineering & Surveying, LLC**
18320 Hwy 42, Port Vincent, LA 70726
225.698.1600 | www.qsella.com | info@qsella.com

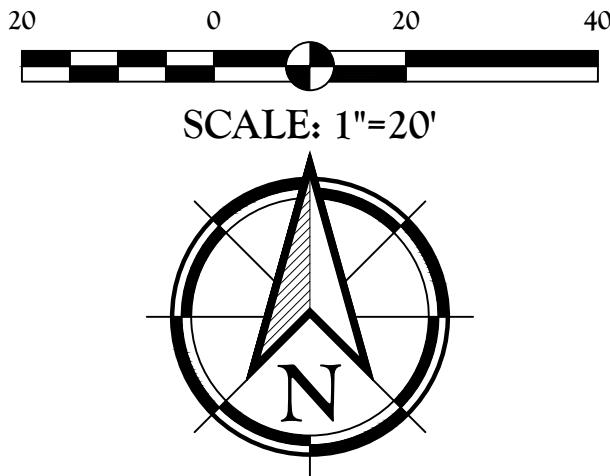
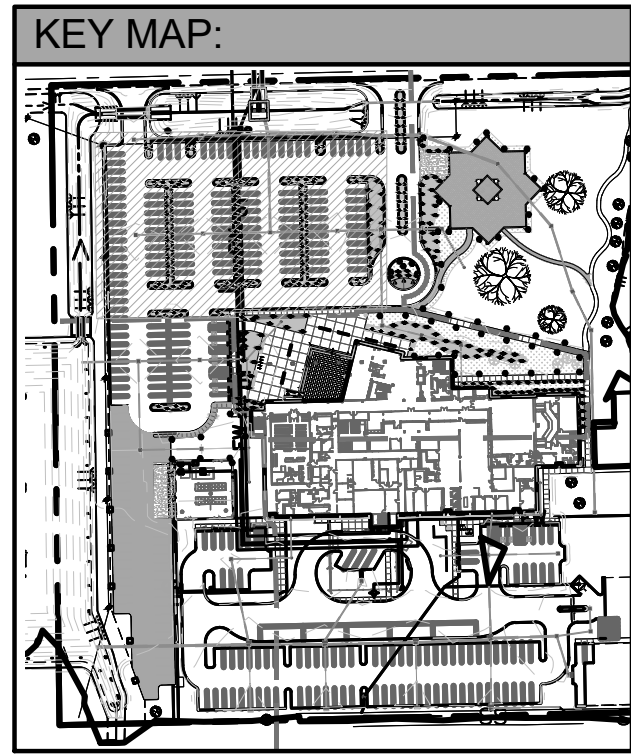
Stamp: **STATE OF LOUISIANA**
MICHAEL L. PETTY
REG. NO. P-255
LANDSCAPE ARCHITECT
1/25/22

Drawn By: **TT**

Date: **FEBRUARY 2024**

Project No.: **21-224**

Sheet: **L5.5**



Valve Callout

Valve Number

Valve Flow

Valve Size

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BY LAW, ANYONE PLANNING MECHANIZED DIGGING OR EXCAVATION WORK IN LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OR 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT WWW.LOUISIANA811.COM AT LEAST TWO FULL BUSINESS DAYS PRIOR TO RHE PROJECTS START DATE.


1. ALL PLANTING AND SOD AREAS SHOWN ON PLANS SHALL BE IRRIGATED FOR COMPLETE COVERAGE.	6. CONTRACTOR SHALL CLEARLY MARK ALL EXPOSED EXCAVATIONS, MATERIALS AND EQUIPMENT. COVER ALL BARRICADE TRENCHES WHEN CONTRACTOR IS NOT ON SITE.
2. EXCEPT AS OTHERWISE PROVIDED, THE CONTRACTOR SHALL PROCURE ALL PERMITS AND LICENSES, PAY ALL CHARGES & FEES AND GIVE ALL NOTICES NECESSARY & INCIDENTAL TO THE DUE LAWFUL PROSECUTION OF THE WORK.	7. CONTRACTOR SHALL INSTALL 1.5" WATER METER FOR THE IRRIGATION SYSTEM AS PART OF THIS CONTRACT.
3. CONTRACTOR SHALL NOTIFY PERTINENT UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION FOR CURRENT UTILITY LOCATIONS. EXTREME CARE SHALL BE EXERCISED IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES. CONTRACTOR SHALL VERIFY THE LOCATION & CONDITION OF ALL UTILITIES & BE RESPONSIBLE FOR DAMAGE TO ANY UTILITIES.	8. CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR CONTROLLER LOCATION. CONTROLLER SHALL BE CONNECTED TO AVAILABLE POWER AS PART OF THIS CONTRACT.
4. THE CONTRACTOR SHALL AT ALL TIMES PROTECT HIS WORK FROM DAMAGE & THEFT & REPLACE ALL DAMAGED OR STOLEN PARTS UNTIL THE WORK IS ACCEPTED IN WRITING BY OWNER.	9. CONTRACTOR TO PROVIDE COMPLETE AS-BUILT DOCUMENTS.
5. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREAS DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY.	10. CONTRACTOR TO PROVIDE IRRIGATION CUT SHEETS ON ALL IRRIGATION COMPONENTS INCLUDING THE FOLLOWING: WIRE, VALVES, CONTROLLER, PVB, PVC PIPE, FITTINGS, VALVE BOXES, WIRE CONNECTORS, ETC...TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO PROCUREMENT AND INSTALLATION.

BID ALTERNATE 1:

ALL PROPOSED IRRIGATION WORK TO BE A PART OF BID ALTERNATE 1.


QUALITY
Engineering & Surveying, LLC
18320 Hwy 42, Port Vincent, LA 70756
225.698.1600 | www.qesla.com | info@qesla.com

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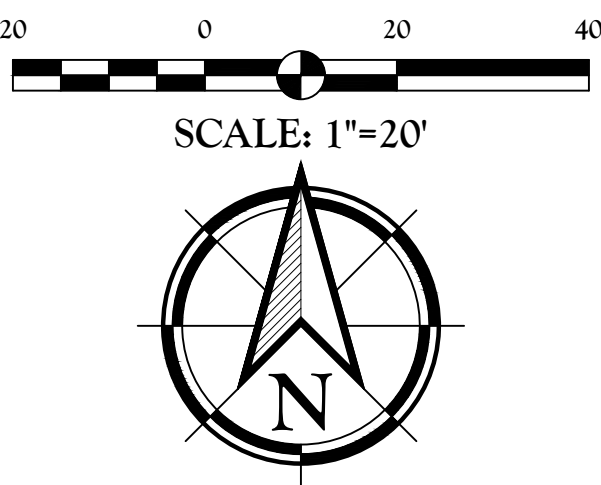
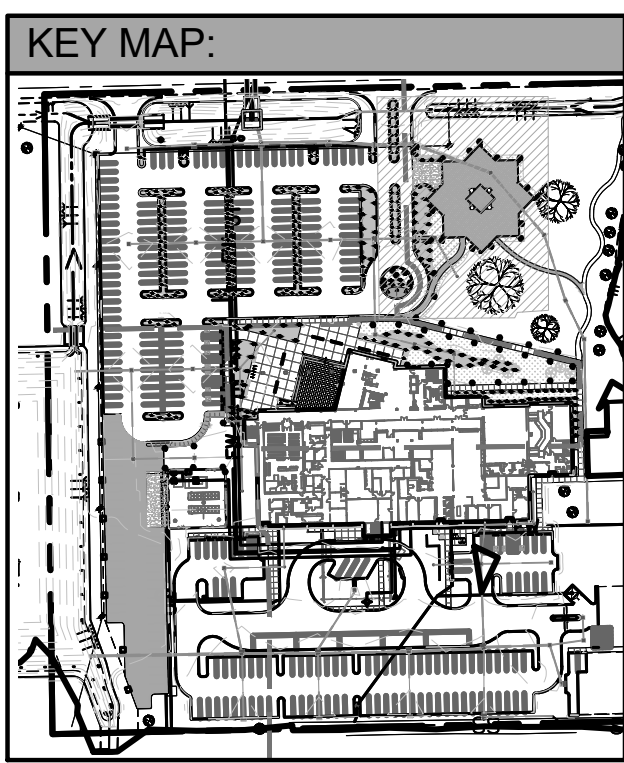
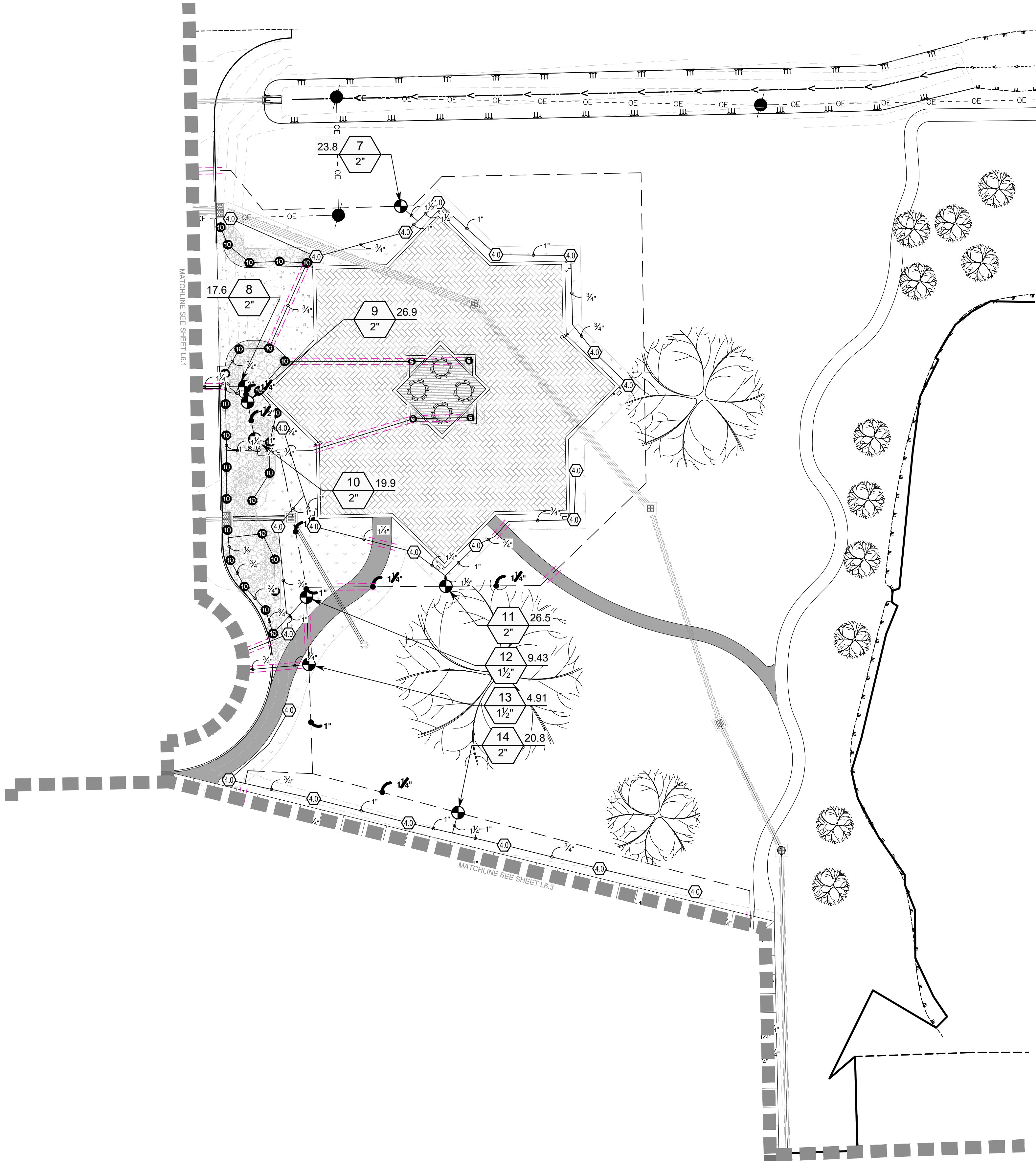
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Date: FEBRUARY 2024

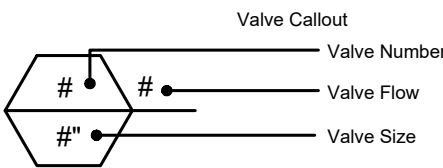
Project No.: 21-224

L6.1



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird 1804-U 15 Strip Series Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet.	4	2/L6.7
	Rain Bird 1804-U ADJ Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet.	11	2/L6.7
	Rain Bird 1806-PRS 15 Strip Series Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	3	1/L6.6
	Rain Bird 1806-PRS 15 Strip Series Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	156	1/L6.6
	Rain Bird 1806-PRS ADJ Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	115	1/L6.6
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird 3504-PC 0.75 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	5	2/L6.6
	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	18	2/L6.6
	Rain Bird 3504-PC 4.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	30	2/L6.6
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird PCA Globe 1", 1-1/2", 2" Electric Remote Control Valve, Globe.	24	3/L6.6
	Feeco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1	4/L6.6
	Rain Bird ESP8LXME with (03) ESPLXMSM12 44 Station Commercial Controller. Mounted on a Plastic Wall Mount. Without flow sensing.	1	5/L6.6
	Rain Bird WR2-RFS Wireless Rain/Freeze Sensor.	1	
	Irrigation Lateral Line: PVC Class 200 SDR 21	4,924 l.f.	7/L6.6
	Irrigation Mainline: PVC Schedule 40	2,748 l.f.	6/L6.6
	Pipe Sleeve: PVC Schedule 40	1,014 l.f.	1/L6.7



UTILITY NOTE:

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BID ALTERNATE 1:

ALL PROPOSED IRRIGATION WORK TO BE A PART OF BID ALTERNATE 1.

Client:
ASCENSION PARISH
615 E WORTHY ST
GONZALES, LA 70737

Project:
**ASCENSION PARISH COURTHOUSE GREEN
INFRASTRUCTURE IMPROVEMENTS**
615 E WORTHY ST
GONZALES, LA 70737

LANDSCAPE IRRIGATION PLAN

LOCATED IN:
SECTION 33, TOWNSHIP 14 NORTH, RANGE 3 EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA

DWG Path: P:\2021 Projects\17-224 - Ascension Parish Courthouse Green Infrastructure Improvements\17-224-19_B.dwg

QUALITY
Engineering & Surveying, LLC
18320 Hwy 52, Port Vincent, LA 70726
225.698.1600 | www.qesla.com | info@qesla.com

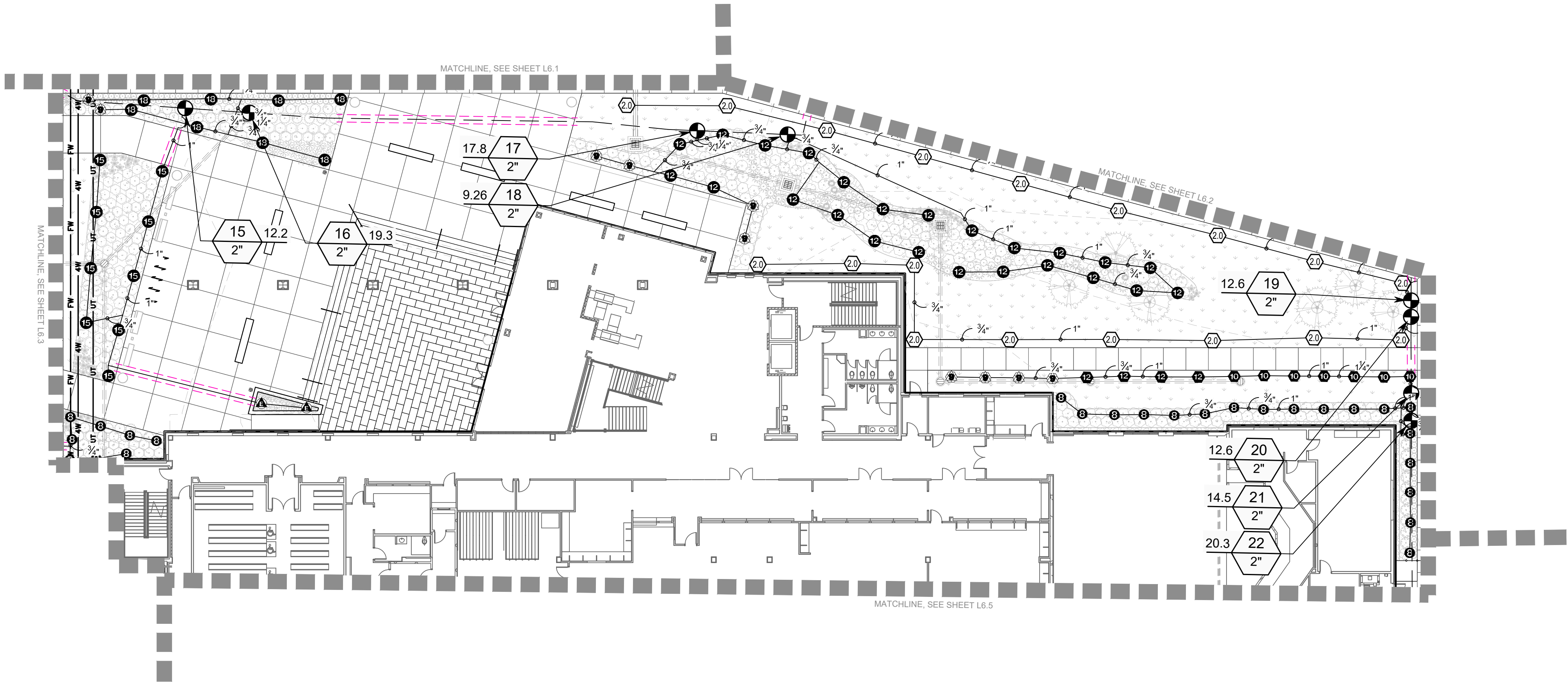
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P-255
12/31/24

Drawn By: TT













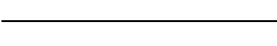
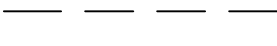

Date: FEBRUARY 2024

Project No.: 21-224

Sheet: L6.2



IRRIGATION SCHEDULE

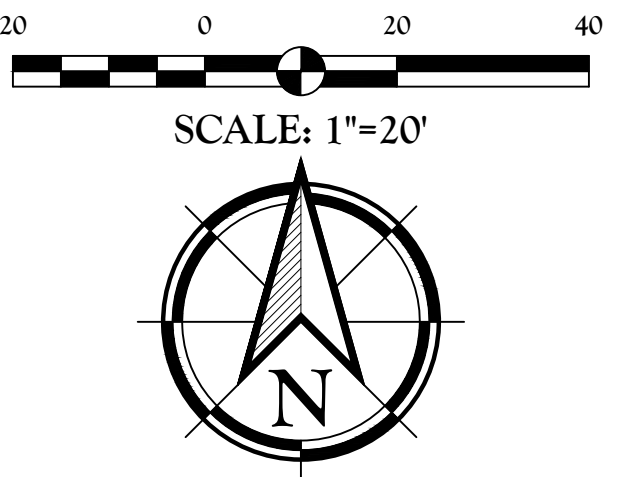
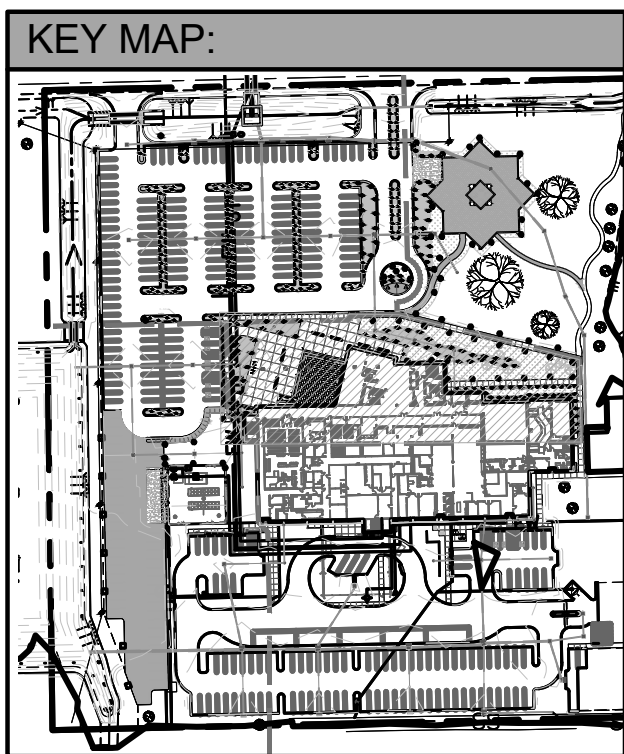
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird 1804-U 15 Strip Series Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet.	4	2/L6.7
	Rain Bird 1804-U ADJ Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet.	11	2/L6.7
	Rain Bird 1806-PRS 15 Strip Series Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	3	1/L6.6
	Rain Bird 1806-PRS 15 Strip Series Shrub Spray 8" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	156	1/L6.6
	Rain Bird 1806-PRS ADJ Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	115	1/L6.6
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird 3504-PC 0.75 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	5	2/L6.6
	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	18	2/L6.6
	Rain Bird 3504-PC 4.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	30	2/L6.6
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird PGA Globe 1", 1-1/2", 2" Electric Remote Control Valve, Globe.	24	3/L6.6
	Febco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1	4/L6.6
	Rain Bird ESP8LXME with (03) ESPLXMSM12 44 Station Commercial Controller. Mounted on a Plastic Wall Mount. Without flow sensing.	1	5/L6.6
	Rain Bird WR2-RFS Wireless Rain/Freeze Sensor.	1	
	Irrigation Lateral Line: PVC Class 200 SDR 21	4,924 l.f.	7/L6.6
	Irrigation Mainline: PVC Schedule 40	2,748 l.f.	6/L6.6
	Pipe Sleeve: PVC Schedule 40	1,014 l.f.	1/L6.7

Valve Callout

Valve Number

Valve Flow

Valve Size



Client:

ASCENSION PARISH

615 E WORTHY ST
GONZALES, LA 70737

Project:

ASCENSION PARISH COURTHOUSE GREEN
INFRASTRUCTURE IMPROVEMENTS

615 E WORTHY ST
GONZALES, LA 70737

LANDSCAPE IRRIGATION PLAN

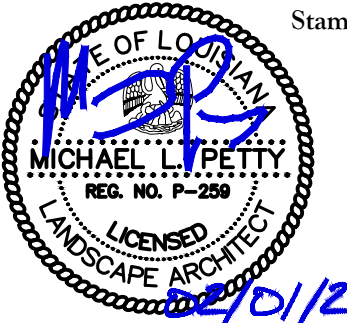
LOCATED IN:
SECTION 33, TOWNSHIP 17TH RANGE 3 EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA

Description:

DWG Path: P:\2021 Projects\17-224 - Ascension Parish Courthouse Green Infrastructure Improvements\17-224-19_B.dwg



QUALITY
Engineering & Surveying, LLC
18320 Hwy 52, Port Vincent, LA 70768
225.698.1600 | www.qesla.com | info@qesla.com



Drawn By: TT

Date: FEBRUARY 2024

Project No.: 21-224

Sheet:

L6.3

UTILITY NOTE:

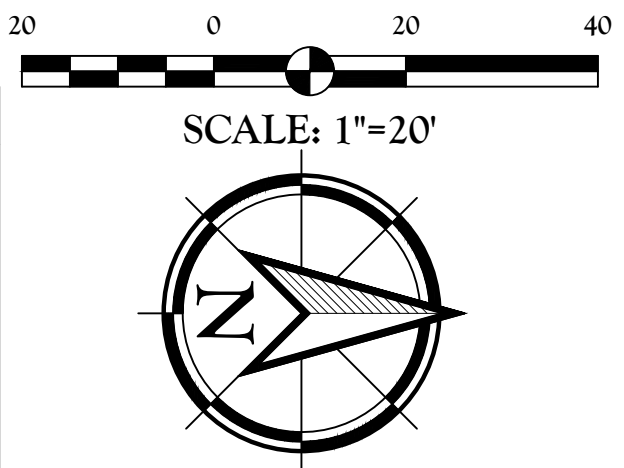
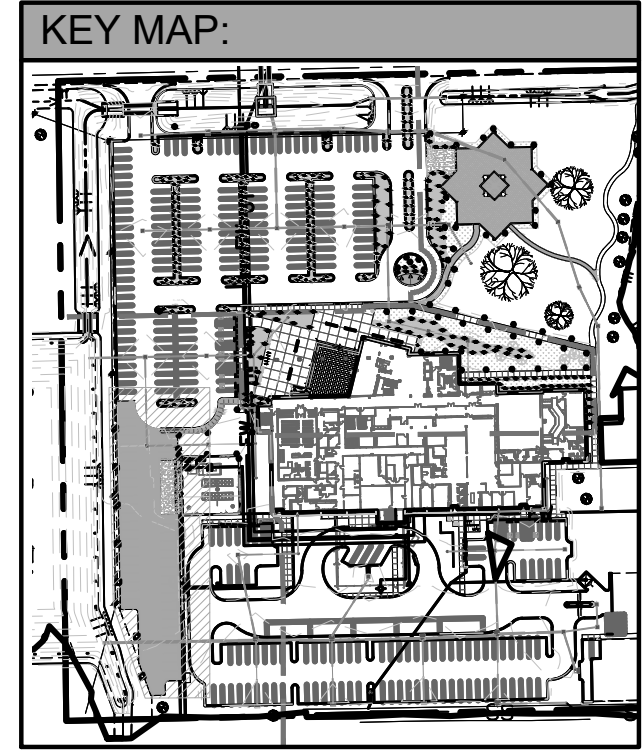
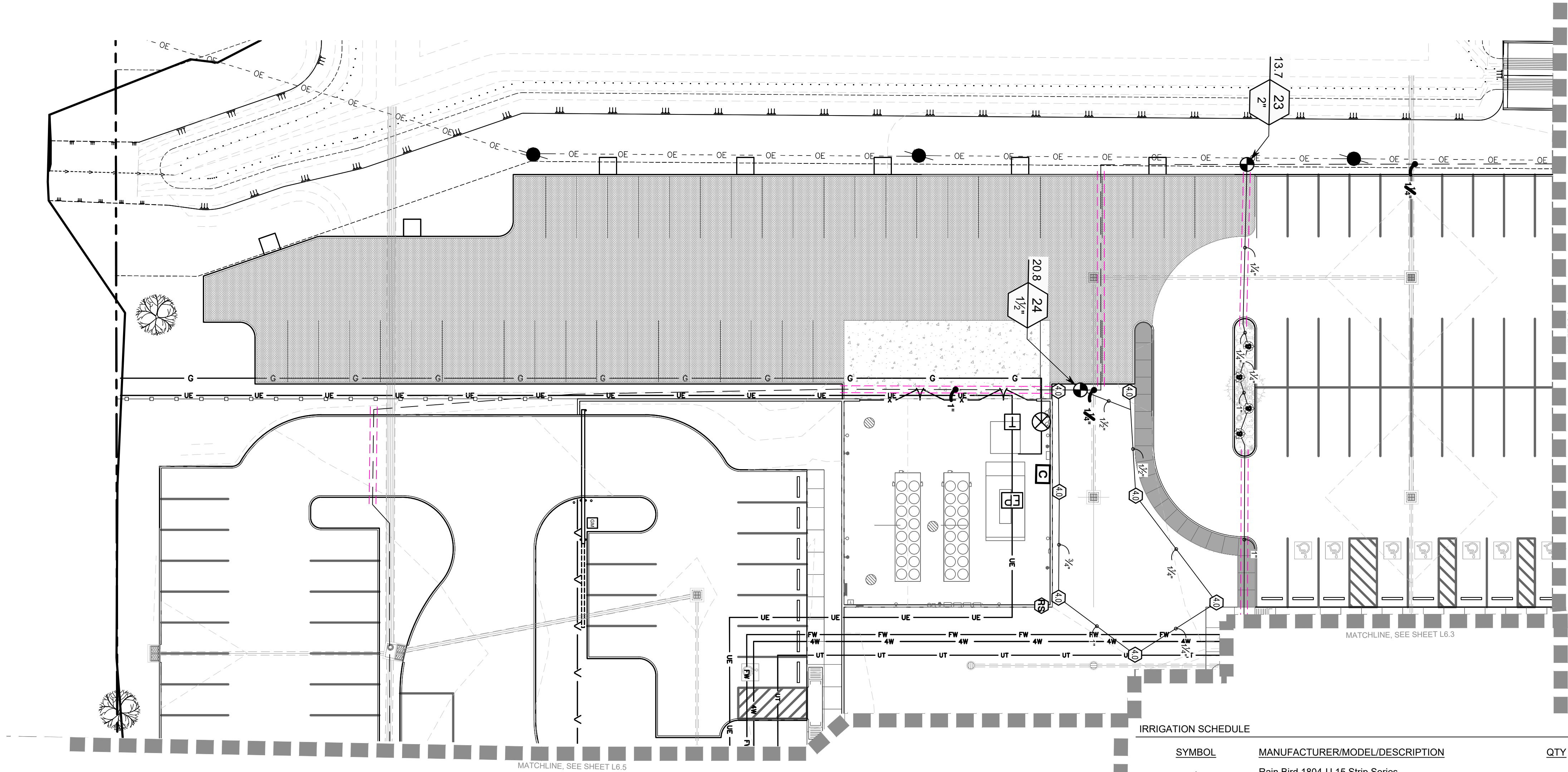
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.



BY LAW, ANYONE PLANNING MECHANIZED DIGGING OR EXCAVATION WORK IN LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OR 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT WWW.LOUISIANA811.COM AT LEAST TWO FULL BUSINESS DAYS PRIOR TO THE PROJECTS START DATE.

BID ALTERNATE 1:

ALL PROPOSED IRRIGATION WORK TO BE A PART OF BID ALTERNATE 1.



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird 1804-U 15 Strip Series Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet.	4	2/L6.7
	Rain Bird 1804-U ADJ Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet.	11	2/L6.7
	Rain Bird 1806-PRS 15 Strip Series Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	3	1/L6.6
	Rain Bird 1806-PRS 15 Strip Series Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	156	1/L6.6
	Rain Bird 1806-PRS ADJ Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	115	1/L6.6
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird 3504-PC 0.75 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	5	2/L6.6
	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	18	2/L6.6
	Rain Bird 3504-PC 4.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	30	2/L6.6
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird PGA Globe 1", 1-1/2", 2" Electric Remote Control Valve, Globe.	24	3/L6.6
	Fibco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1	4/L6.6
	Rain Bird ESP8LXME with (03) ESPLXMSM12 44 Station Commercial Controller. Mounted on a Plastic Wall Mount. Without flow sensing.	1	5/L6.6
	Rain Bird WR2-RFS Wireless Rain/Freeze Sensor.	1	
---	Irrigation Lateral Line: PVC Class 200 SDR 21	4,924 l.f.	7/L6.6
---	Irrigation Mainline: PVC Schedule 40	2,748 l.f.	6/L6.6
---	Pipe Sleeve: PVC Schedule 40	1,014 l.f.	1/L6.7
	Valve Callout		
	Valve Number		
	Valve Flow		
	Valve Size		

BID ALTERNATE 1:
ALL PROPOSED IRRIGATION WORK TO BE A PART OF BID ALTERNATE 1.

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Louisiana 811
LAONECALL.COM

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Client:
ASCENSION PARISH
615 E WORTHLEY ST
GONZALES, LA 70737

Project:
**ASCENSION PARISH COURTHOUSE GREEN
INFRASTRUCTURE IMPROVEMENTS**
LOCATED IN
SECTION 33, TOWNSHIP 14TH RANGE 3 EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA
Description:
P-V-201 Project 1/2-2/4 - Ascension Parish Courthouse Green Infrastructure Improvements 1/2 - 1/4 Drawing 1/2-2/4 1/3 B.dwg

LANDSCAPE IRRIGATION PLAN

Title

QUALITY
Engineering & Surveying, LLC
18320 Hwy 52 Port Vincent, LA 70726
225.698.1600 | www.qesla.com | info@qesla.com

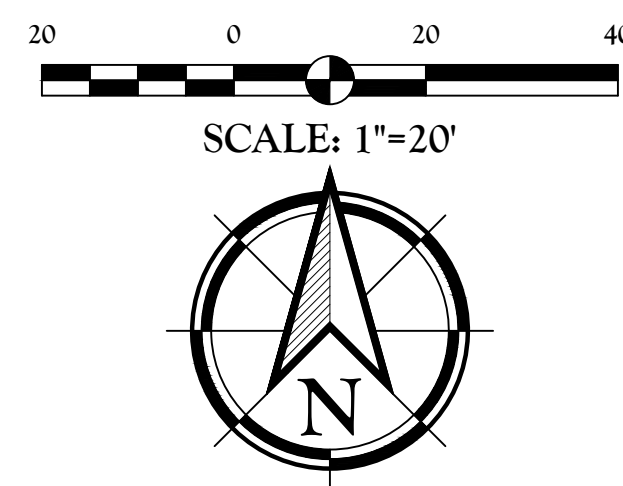
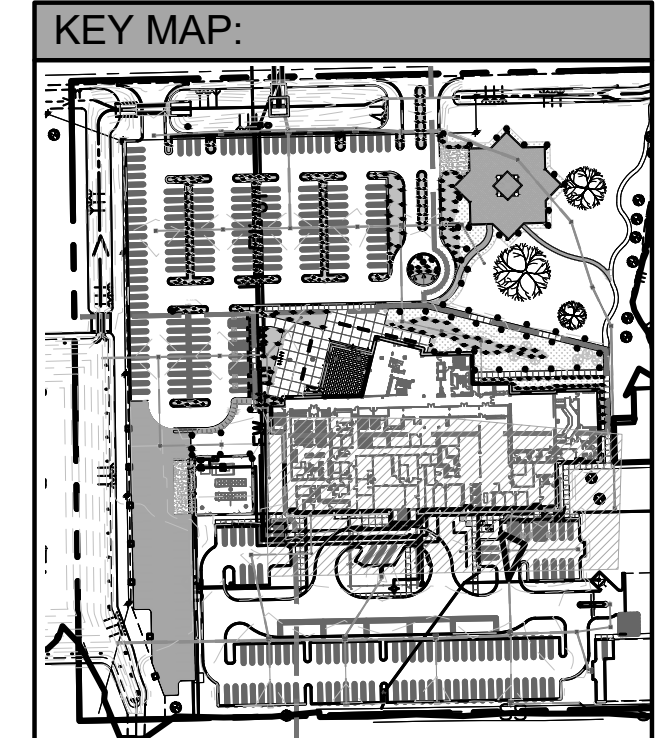
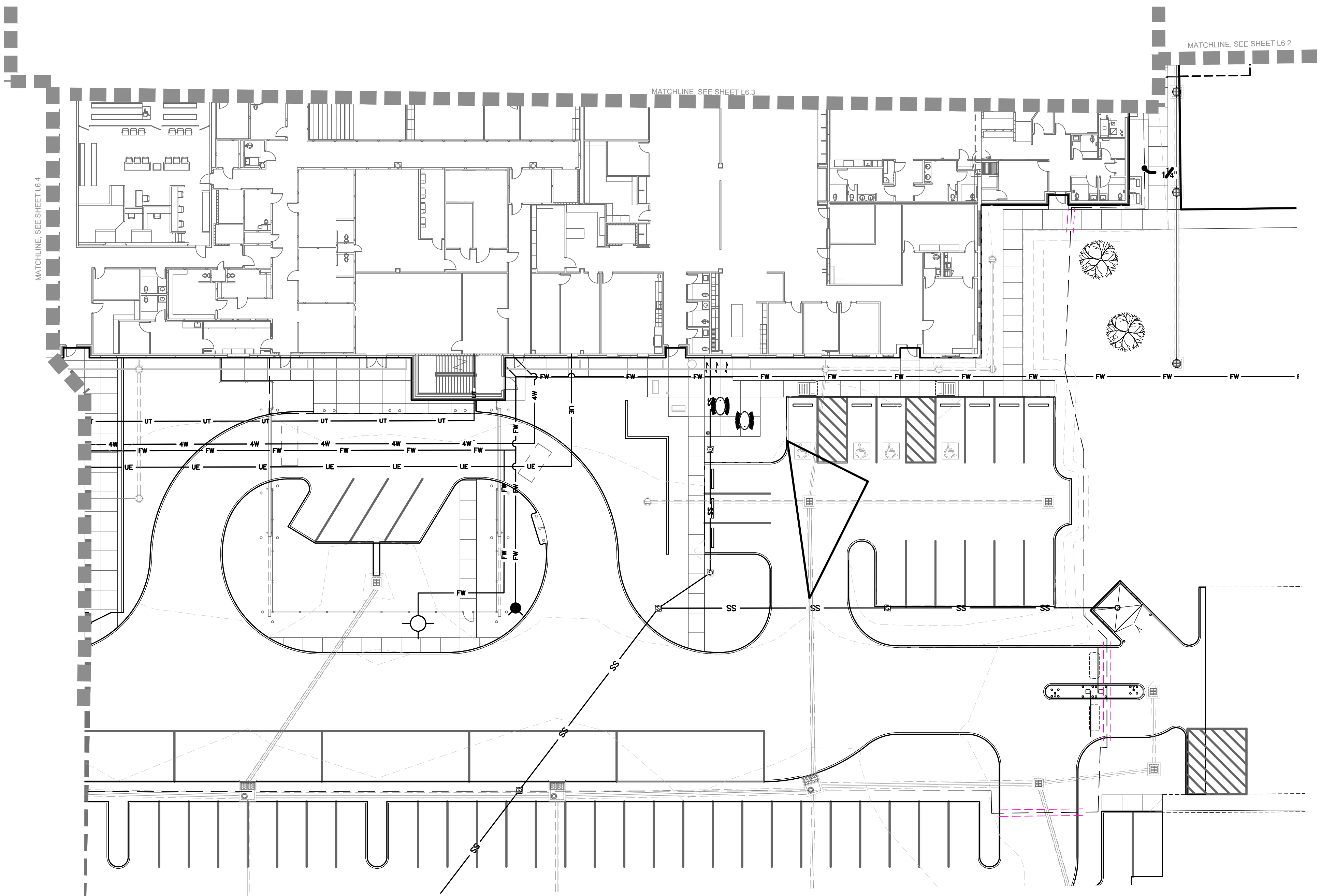
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MICHAEL L. PETTIT
REG. NO. P-255
LANDSCAPE ARCHITECT

Drawn By: TT

Date: FEBRUARY 2024

Project No.: 21-224

Sheet:
L6.4



IRRIGATION SCHEDULE			
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird 1804-U 15 Strip Series Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet.	4	2/L6.7
	Rain Bird 1804-U ADJ Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet.	11	2/L6.7
	Rain Bird 1806-PRS 15 Strip Series Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	3	1/L6.6
	Rain Bird 1806-PRS 15 Strip Series Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	156	1/L6.6
	Rain Bird 1806-PRS ADJ Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	115	1/L6.6
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird 3504-PC 0.75 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	5	2/L6.6
	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	18	2/L6.6
	Rain Bird 3504-PC 4.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	30	2/L6.6
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird PGA Globe 1", 1-1/2", 2" Electric Remote Control Valve, Globe.	24	3/L6.6
	Febco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1	4/L6.6
	Rain Bird ESP8LXME with (03) ESPLXMSM12 44 Station Commercial Controller. Mounted on a Plastic Wall Mount. Without flow sensing.	1	5/L6.6
	Rain Bird WR2-RFS Wireless Rain/Freeze Sensor.	1	
	Irrigation Lateral Line: PVC Class 200 SDR 21	4,924 I.F.	7/L6.6
	Irrigation Mainline: PVC Schedule 40	2,748 I.F.	6/L6.6
	Pipe Sleeve: PVC Schedule 40	1,014 I.F.	1/L6.7
	Valve Callout Valve Number Valve Flow Valve Size		

UTILITY NOTE:
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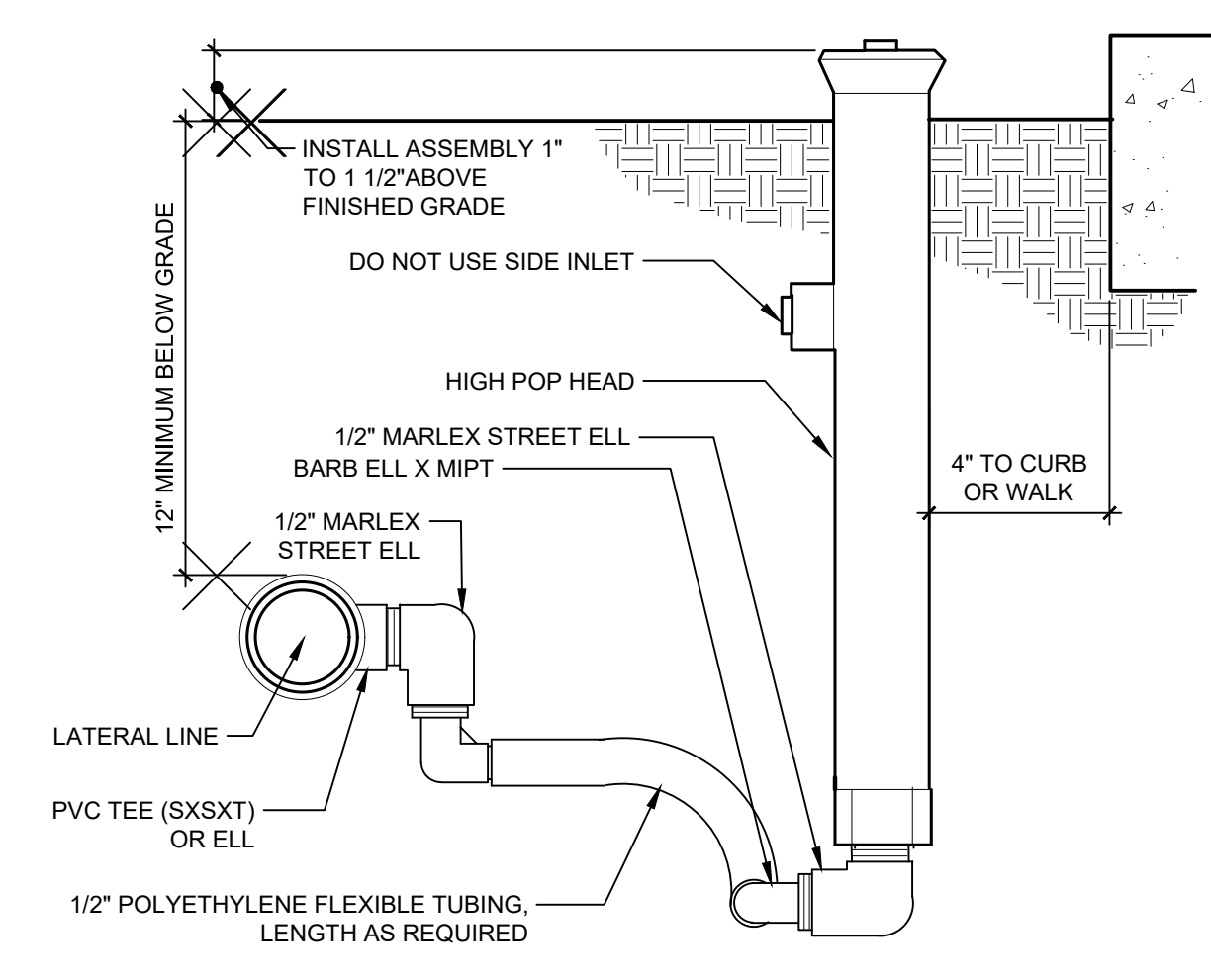
BY LAW, ANYONE PLANNING MECHANIZED DIGGING OR EXCAVATION WORK IN LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OR 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT WWW.LOUISIANA811.COM AT LEAST TWO FULL BUSINESS DAYS PRIOR TO THE PROJECTS START DATE.

BID ALTERNATE 1:
ALL PROPOSED IRRIGATION WORK TO BE A PART OF BID ALTERNATE 1.

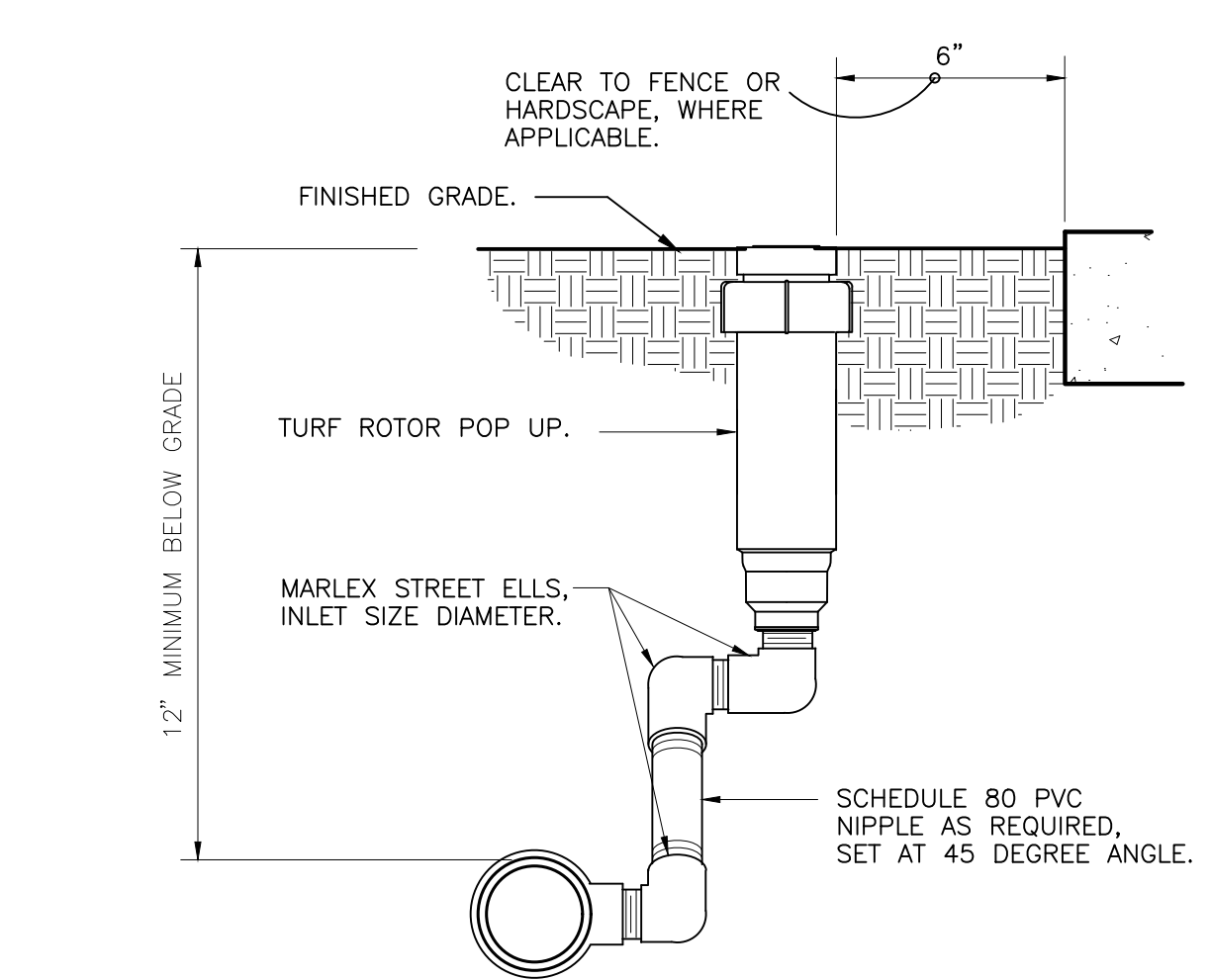
Quality
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18320 Hwy 52 Port Vincent, LA 70726
225.698.1600 | www.qesla.com | info@qesla.com

Stamp:
02/01/24

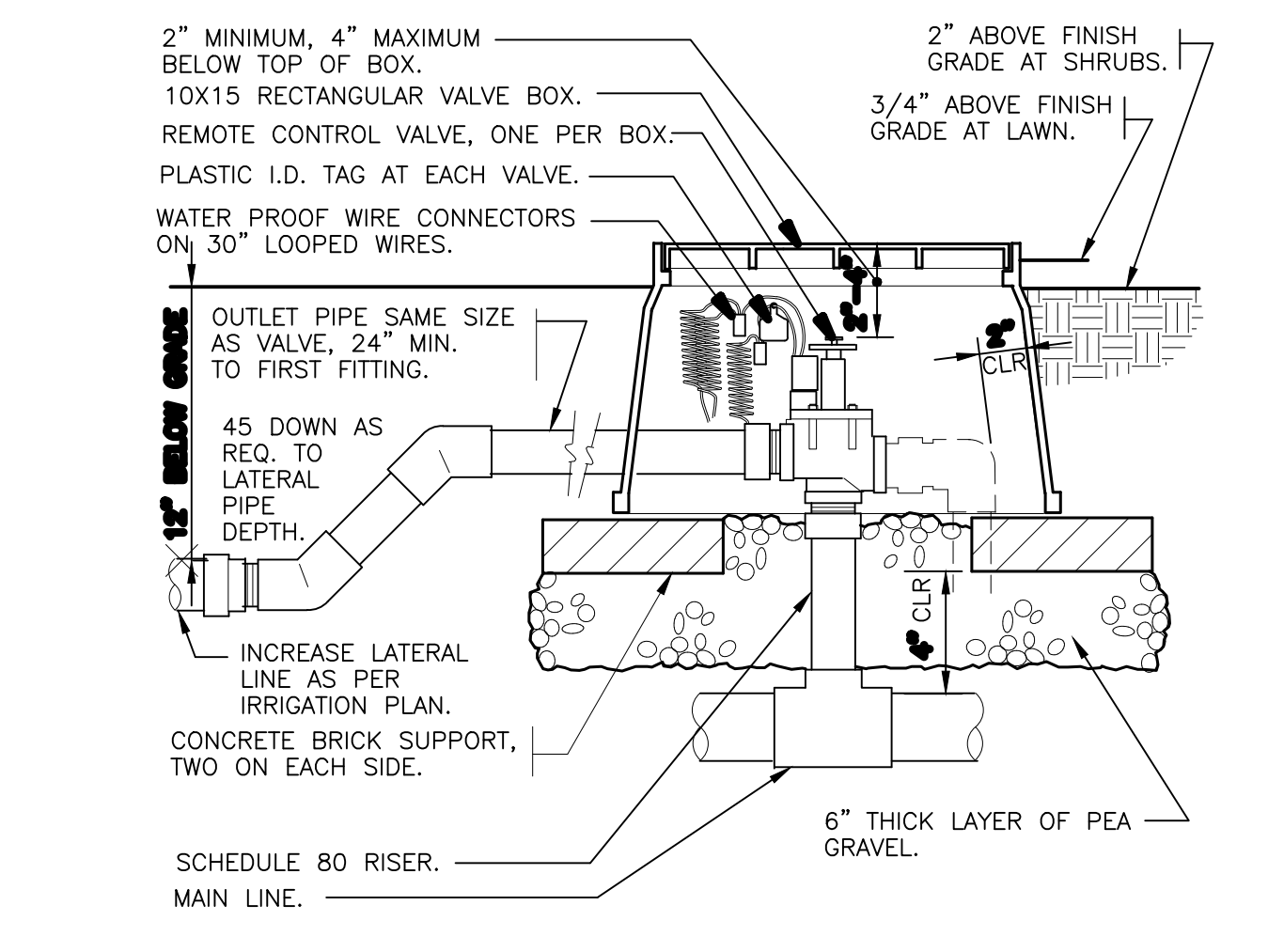
Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L6.5



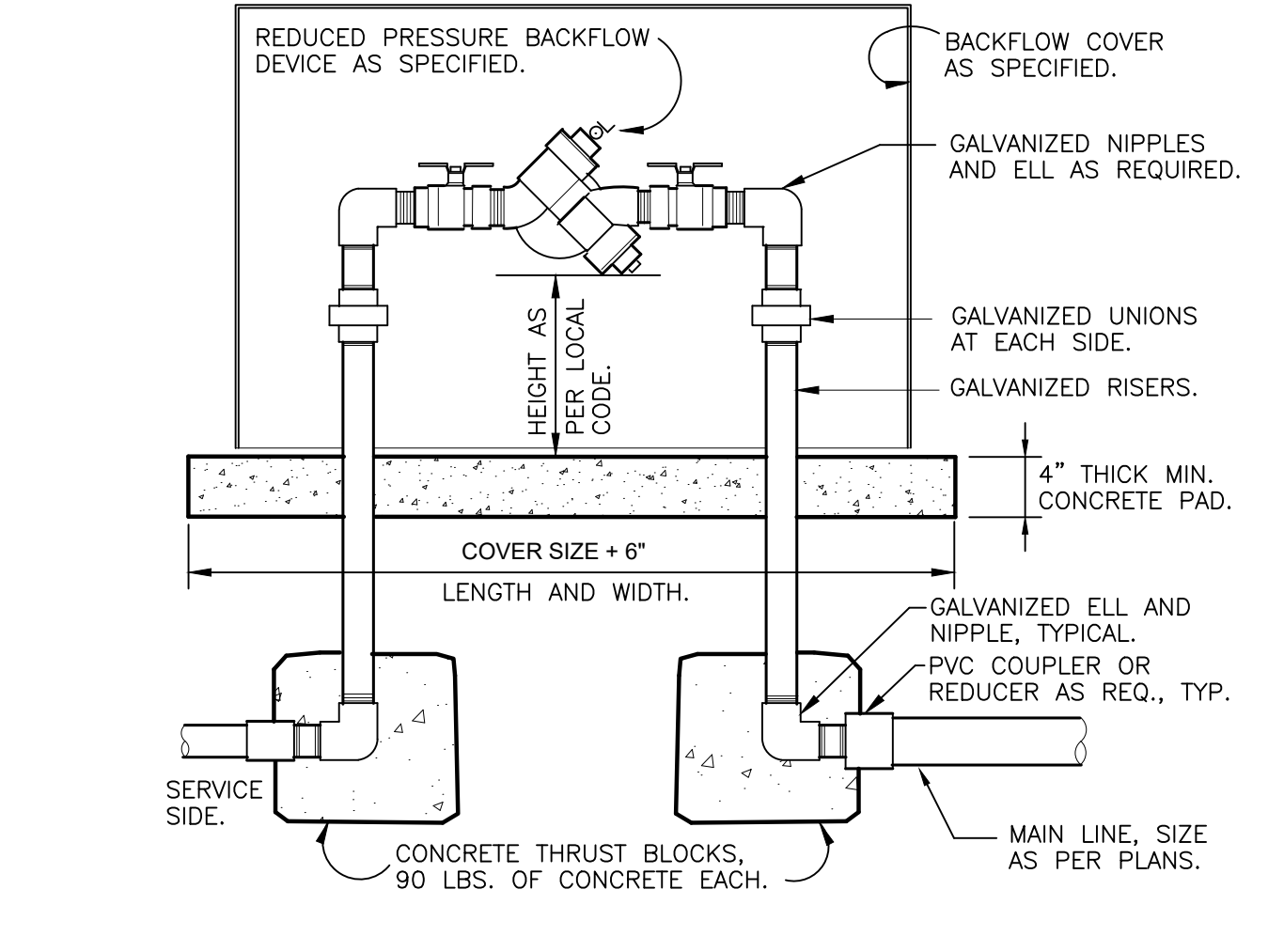
1 SHRUB SPRAY HIGHPOP W/FLEX ASSEMBLY
3" = 1'-0" FX-IR-FX-HEAD-08



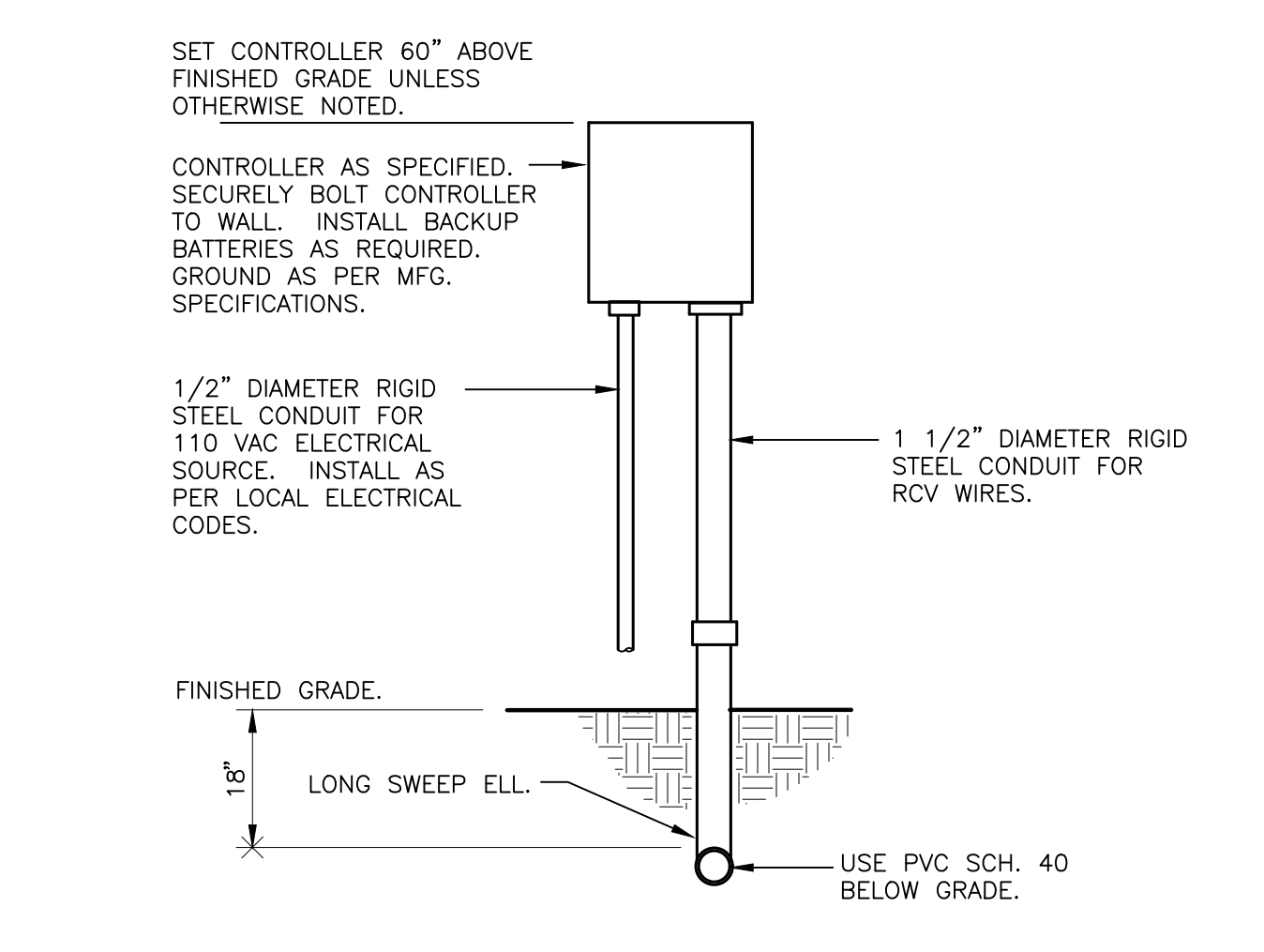
2 TURN ROTOR MARLEX ASSEMBLY
3" = 1'-0" FX-IR-FX-HEAD-06



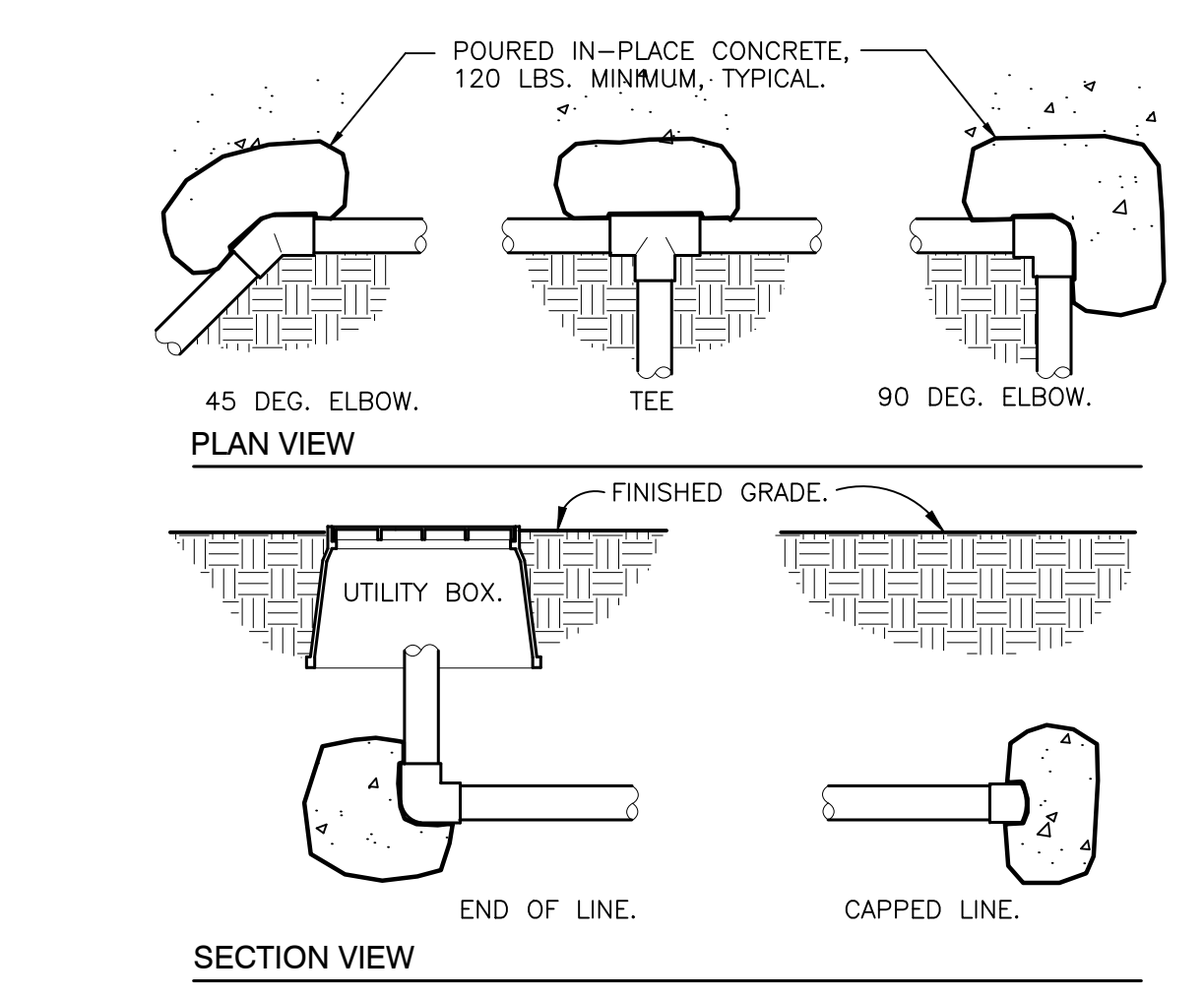
3 ELECTRIC REMOTE CONTROL VALVE
1 1/2" = 1'-0" FX-IR-FX-RCV-04



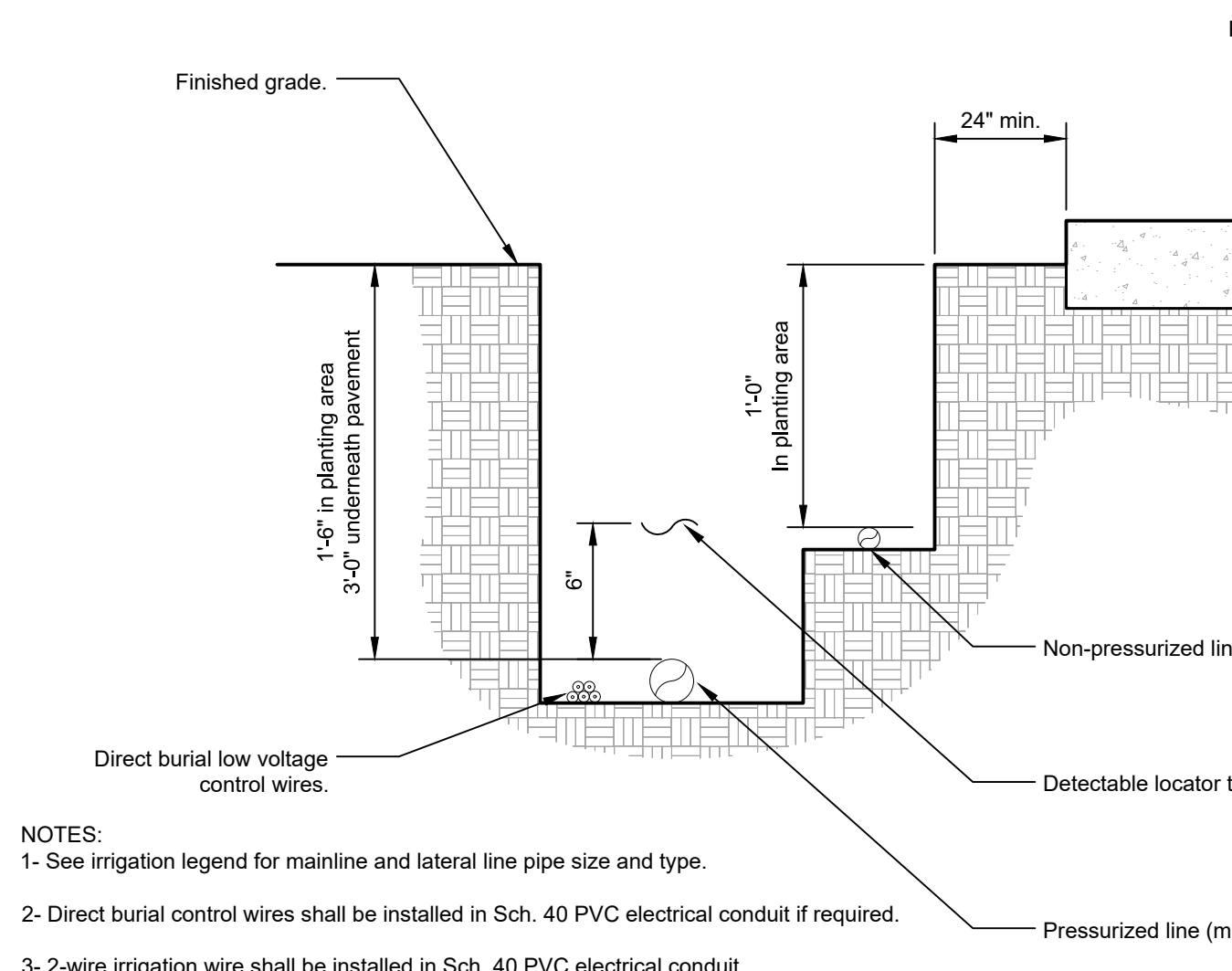
4 RP BACKFLOW W/ENCLOSURE
1" = 1'-0" FX-IR-FX-BACK-06



5 WALL MOUNT CONTROLLER
1" = 1'-0" FX-IR-FX-CONT-07



6 THRUST BLOCKING
3/4" = 1'-0" FX-IR-FX-AUXEQ-11



7 IRRIGATION TRENCHING
1 1/2" = 1'-0" FX-IR-FX-AUXEQ-08

VALVE SCHEDULE																					
NUMBER	MODEL	SIZE	TYPE	GPM	HEADS	PIPE 1/2"	PIPE 3/4"	PIPE 1"	PIPE 1 1/4"	PIPE 1 1/2"	PIPE 2"	PIPE 2 1/2"	PIPE 3"	WIRE	DESIGN PSI	FRICTION LOSS	VALVE LOSS	PSI	PSI @ POC	PRECIP	
1	Rain Bird PGA Globe	2"	Shrub Spray	58.82	34	33.4	24.1	18.1	36.1	40.9	80.3	76.5	52.9	715.1	30	2.8	2.0	34.8	55.7	2.59 in/h	
2	Rain Bird PGA Globe	2"	Shrub Spray	23.52	16	102.7	27.0	26.6	39.2	31.0				770.0	20	1.9	1.2	23.1	38.2	2.26 in/h	
3	Rain Bird PGA Globe	1"	Shrub Spray	5.88	4	84.1								560.8	20	1.3	5.6	26.9	39.4	1.4 in/h	
4	Rain Bird PGA Globe	2"	Shrub Spray	58.82	34	18.4	18.2	18.1	36.1	41.1	80.2	91.4	61.7	442.5	30	2.9	2.0	35.0	70.8	2.59 in/h	
5	Rain Bird PGA Globe	2"	Shrub Spray	49.98	34	33.4	36.1	36.8	72.7	56.6	74.7		130.1	336.6	20	1.9	1.5	23.4	64.8	2.2 in/h	
6	Rain Bird PGA Globe	1-1/2"	Shrub Spray	8.82	6	57.1	27.6							355.5	20	2.0	1.9	23.9	37.6	1.19 in/h	
7	Rain Bird PGA Globe	2"	Turf Rotor	23.76	8	45.3	62.5	53.3	7.6	7.1				906.7	25	1.8	1.2	28.0	46.2	0.8 in/h	
8	Rain Bird PGA Globe	2"	Shrub Spray	17.64	12	31.9	17.9	26.5	47.1					811.5	20	2.0	1.2	23.1	44.2	2.83 in/h	
9	Rain Bird PGA Globe	2"	Shrub Spray	26.88	19	104.7	21.6	10.2	60.0	23.9	77.4			806.5	20	1.9	1.2	23.1	54.2	1.3 in/h	
10	Rain Bird PGA Globe	2"	Shrub Spray	19.88	22	214.9	61.4	31.9	6.9	4.1				794.5	20	1.3	1.2	22.5	45.3	1.58 in/h	
11	Rain Bird PGA Globe	2"	Turf Rotor	26.46	13	126.7	68.1	39.1	45.0	3.3				793.8	25	2.2	1.2	28.4	55.2	0.95 in/h	
12	Rain Bird PGA Globe	1-1/2"	Shrub Spray	9.43	8	42.6	27.2	16.9						736.4	20	1.8	1.9	23.7	38.3	1.62 in/h	
13	Rain Bird PGA Globe	1-1/2"	Shrub Spray	4.91	6	45.4	30.5							715.1	20	1.1	1.9	23.0	36.1	2.48 in/h	
14	Rain Bird PGA Globe	2"	Turf Rotor	20.79	7	62.5	60.4	62.5	6.7					728.1	25	1.9	1.2	28.1	52.8	0.85 in/h	
15	Rain Bird PGA Globe	2"	Shrub Spray	12.21	11	119.2	11.5	57.8						477.0	20	1.8	1.2	23.0	38.6	1.24 in/h	
16	Rain Bird PGA Globe	2"	Shrub Spray	19.31	10	113.5	27.5		4.2					494.2	20	1.1	1.2	22.3	42.9	1.43 in/h	
17	Rain Bird PGA Globe	2"	Shrub Spray	17.78	17	134.8	52.2		2.6					613.9	20	2.0	1.2	23.2	43.7	1.07 in/h	
18	Rain Bird PGA Globe	2"	Shrub Spray	9.26	11	49.3		92.0						638.0	20	1.9	1.2	23.1	37.7	1.19 in/h	
19	Rain Bird PGA Globe	2"	Turf Rotor	12.6	9	54.7	53.7	81.2	31.2					844.0	25	2.4	1.2	28.6	47.1	0.44 in/h	
20	Rain Bird PGA Globe	2"	Turf Rotor	12.6	9	41.9	46.8	105.9	7.8					848.4	25	2.4	1.2	28.6	47.2	0.58 in/h	
21	Rain Bird PGA Globe	2"	Turf Spray	14.53	15	18.0	28.2	53.4	29.7					868.8	20	1.7	1.2	22.9	43.8	1.21 in/h	
22	Rain Bird PGA Globe	2"	Shrub Spray	20.29	18	64.0	34.9	36.9	8.2					876.1	20	1.9	1.2	23.1	51.5	2.16 in/h	
23	Rain Bird PGA Globe	2"	Shrub Spray	13.69	12	53.4	2.0	79.8	64.4					211.0	20	1.9	1.2	23.1	40.1	1.8 in/h	
24	Rain Bird PGA Globe Common Wire	1-1/2"	Turf Rotor	20.79	7	37.7	30.8	30.6	71.1	40.0				96.8	25	2.4	1.9	29.3	56.2	0.9 in/h	

BID ALTERNATE 1:
ALL PROPOSED IRRIGATION WORK TO BE A PART OF BID ALTERNATE 1.

CRITICAL ANALYSIS	
Generated:	2022-09-21 08:02
P.O.C. NUMBER: 01	
Water Source Information:	
FLOW AVAILABLE	
Water Meter Size:	1-1/2"
Flow Available:	75 GPM
PRESSURE AVAILABLE	
Static Pressure at POC:	74 PSI
Elevation Change:	5.00 ft
Service Line Size:	3"
Length of Service Line:	20 ft
Pressure Available:	72 PSI
DESIGN ANALYSIS	
Maximum Station Flow:	58.82 GPM
Flow Available at POC:	75 GPM
Residual Flow Available:	16.18 GPM
Critical Station:	4
Design Pressure:	30 PSI
Friction Loss:	2.66 PSI
Fittings Loss:	0.27 PSI
Elevation Loss:	0 PSI
Loss through Valve:	2.03 PSI
Pressure Req. at Critical Station:	34.95 PSI
Loss for Fittings:	1.51 PSI
Loss for Main Line:	15.14 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	12.24 PSI
Loss for Water Meter:	6.92 PSI
Critical Station Pressure at POC:	70.76 PSI
Pressure Available:	72 PSI
Residual Pressure Available:	1.24 PSI

UTILITY NOTE:
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Client:
ASCENSION PARISH
615 E WORTHLEY ST
GONZALES, LA 70737

Project:
**ASCENSION PARISH COURTHOUSE GREEN
INFRASTRUCTURE IMPROVEMENTS**
615 E WORTHLEY ST
GONZALES, LA 70737

Location:
SECTION 33, TOWNSHIP 14 N, RANGE 3 EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA

Description:
P.V.2007 Project 1/2-20 - Ascension Parish Courthouse Green Infrastructure Improvements - 1/2-2019 B-01g

IRrigation DETAILS & SCHEDULES

LOCATED IN

SECTION 33, TOWNSHIP 14 N, RANGE 3 EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA

DWG Path: P.V.2007 Project 1/2-20 - Ascension Parish Courthouse Green Infrastructure Improvements - 1/2-2019 B-01g

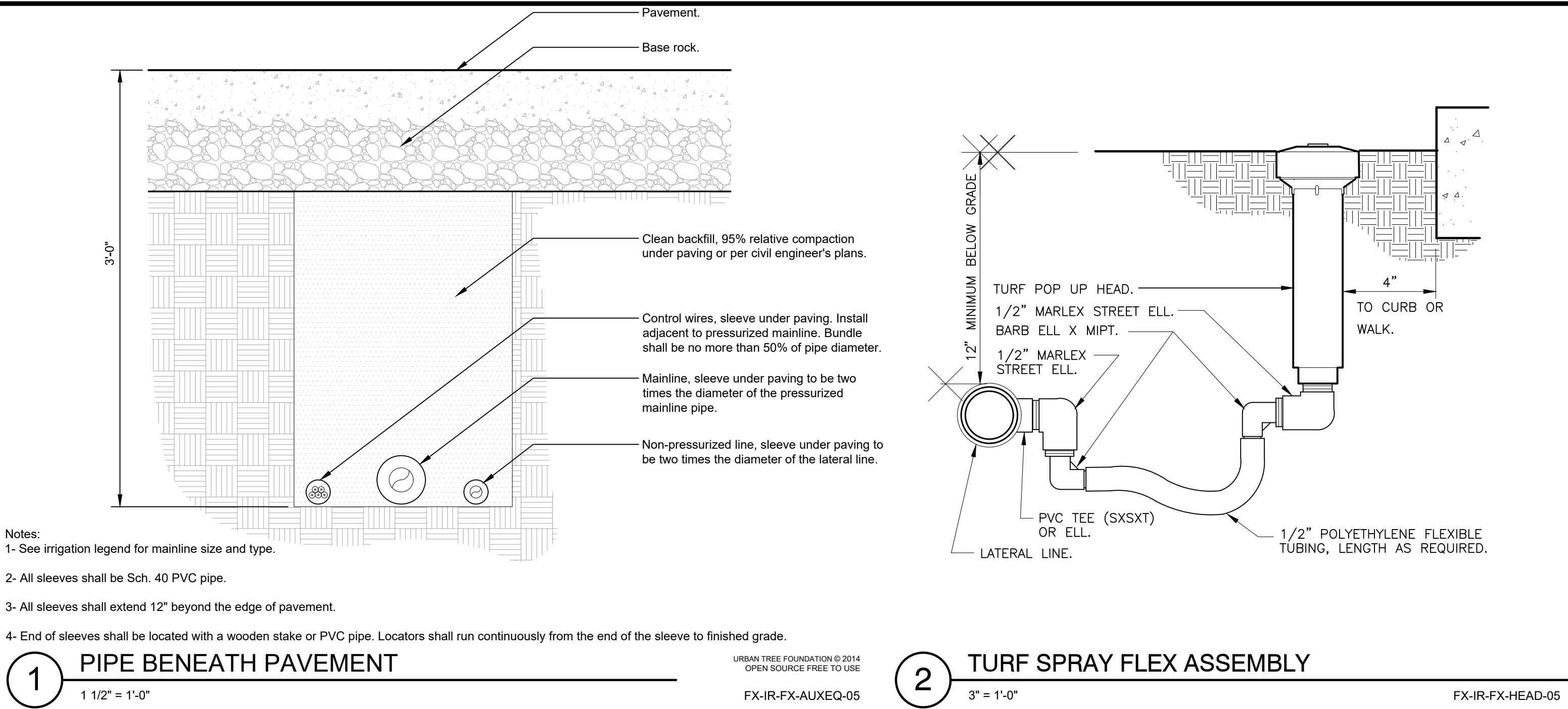
Stamp:
STATE OF LOUISIANA
MICHAEL L. PETTY
REG. NO. P-285
LICENSED LANDSCAPE ARCHITECT
04/01/24

Drawn By: TT

Date: FEBRUARY 2024





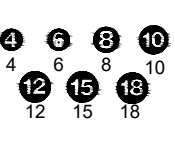







Project No.: 21-224

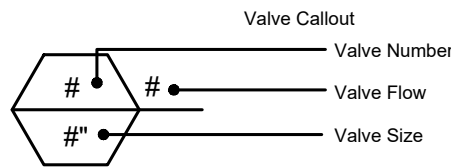
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- GENERAL IRRIGATION NOTES:**
- ALL PLANTING AND SOD AREAS SHOWN ON PLANS SHALL BE IRRIGATED FOR COMPLETE COVERAGE.
 - EXCEPT AS OTHERWISE PROVIDED, THE CONTRACTOR SHALL PROCURE ALL PERMITS AND LICENSES, PAY ALL CHARGES & FEES AND GIVE ALL NOTICES NECESSARY & INCIDENTAL TO THE DUE LAWFUL PROSECUTION OF THE WORK.
 - CONTRACTOR SHALL NOTIFY PERTINENT UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION FOR CURRENT UTILITY LOCATIONS. EXTREME CARE SHALL BE EXERCISED IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES. CONTRACTOR SHALL VERIFY THE LOCATION & CONDITION OF ALL UTILITIES & BE RESPONSIBLE FOR DAMAGE TO ANY UTILITIES.
 - THE CONTRACTOR SHALL AT ALL TIMES PROTECT HIS WORK FROM DAMAGE & THEFT & REPLACE ALL DAMAGED OR STOLEN PARTS UNTIL THE WORK IS ACCEPTED IN WRITING BY OWNER.
 - THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREAS DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY.
 - CONTRACTOR SHALL CLEARLY MARK ALL EXPOSED EXCAVATIONS, MATERIALS AND EQUIPMENT. COVER ALL BARRICADE TRENCHES WHEN CONTRACTOR IS NOT ON SITE.
 - CONTRACTOR SHALL INSTALL 1.5" WATER METER FOR THE IRRIGATION SYSTEM AS PART OF THIS CONTRACT.
 - CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR CONTROLLER LOCATION. CONTROLLER SHALL BE CONNECTED TO AVAILABLE POWER AS PART OF THIS CONTRACT.
 - CONTRACTOR TO PROVIDE COMPLETE AS-BUILT DOCUMENTS.
 - CONTRACTOR TO PROVIDE IRRIGATION CUT SHEETS ON ALL IRRIGATION COMPONENTS INCLUDING THE FOLLOWING: WIRE, VALVES, CONTROLLER, PVB, PVC PIPE, FITTINGS, VALVE BOXES, WIRE CONNECTORS, ETC...TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO PROCUREMENT AND INSTALLATION.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI		
	Rain Bird 1804-U 15 Strip Series Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet.	4	20		
	Rain Bird 1804-U ADJ Turf Spray 4.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2" NPT Female Threaded Inlet.	11	20		
	Rain Bird 1806-PRS 15 Strip Series Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	3	20		
	Rain Bird 1806-PRS 15 Strip Series Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	156	20		
	Rain Bird 1806-PRS ADJ Shrub Spray 6" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	115	20		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS
	Rain Bird 3504-PC 0.75 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	5	25	0.54	15'
	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	18	25	1.4	27'
	Rain Bird 3504-PC 4.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	30	25	2.97	31'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	Rain Bird PGA Globe 1", 1-1/2", 2" Electric Remote Control Valve, Globe.	24			
	Febco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1			
	Rain Bird ESP8LXME with (03) ESPLXMSM12 44 Station Commercial Controller. Mounted on a Plastic Wall Mount. Without flow sensing.	1			
	Rain Bird WR2-RFS Wireless Rain/Freeze Sensor.	1			
— — — — —	Irrigation Lateral Line: PVC Class 200 SDR 21	4,924 l.f.			
— — — — —	Irrigation Mainline: PVC Schedule 40	2,748 l.f.			
— — — — —	Pipe Sleeve: PVC Schedule 40	1,014 l.f.			



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BID ALTERNATE 1:

ALL PROPOSED IRRIGATION WORK TO BE A PART OF BID ALTERNATE 1.

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Client:	ASCENSION PARISH
615 E WORTHLEY ST GONZALES, LA 70737	
Project:	ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
LOCATED IN: SECTION 33, TOWNSHIP 17H, RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA	
Description:	
DWG Path: P:\2021 Projects\17-274 - Ascension Parish Courthouse Green Infrastructure Improvements\2 - 1A\Drawings\DWG\17-274_19_B.dwg	

QUALITY
Engineering & Surveying, LLC
18320 Hwy 52 Port Vincent, LA 70726
225.698.1600 | www.qella.com | info@qella.com

Stamp:

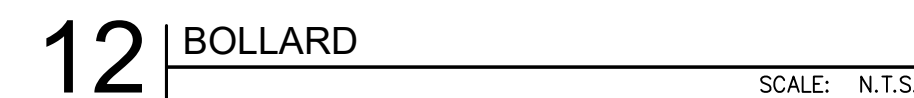
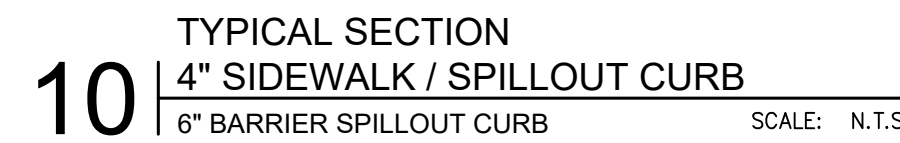
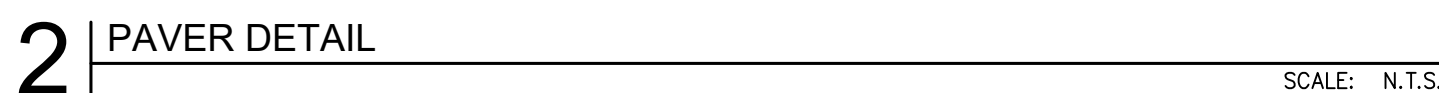
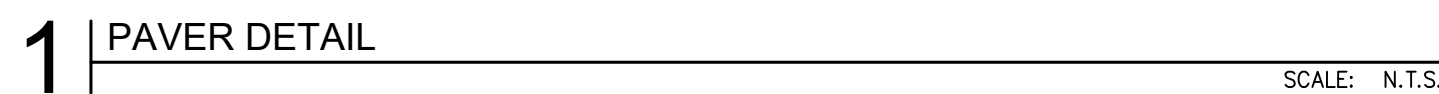
STATE OF LOUISIANA
MICHAEL L. PETTY
REG. NO. P-255
LICENSED
LANDSCAPE ARCHITECT
02/01/24

Drawn By: TT

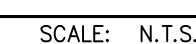
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Project No.: 21-224

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13 | FLAGPOLE



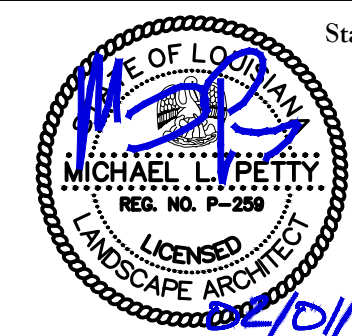
14 | IN-GRADE UP LIGHT

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Title:	<h1 style="text-align: center;">SITE DETAILS</h1>	Client:	<h2 style="text-align: center;">ASCENSION PARISH</h2>
Description:	<p style="text-align: center;">LOCATED IN SECTION 33, TOWNSHIP 9 SOUTH, RANGE 3 EAST, SOUTHEAST CORNER OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA</p>	Project:	<h2 style="text-align: center;">ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS</h2>
DWG Path:	<p>P:\2007 Projects\07-224 - Ascension Parish Courthouse Green Infrastructure Improvements\07 - 0A\Drawings\03\07-224-LJ-01.dwg</p>		
615 E WORTHER ST CONZALES, LA 70337	615 E WORTHER ST CONZALES, LA 70337		



 **QUALITY**
Engineering & Surveying, LLC
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225.698.1600 | www.qesia.com | info@qesia.com



Drawn By: TT

Date: FEBRUARY 2024

Project No.: 21-224

Sheet: L7.1