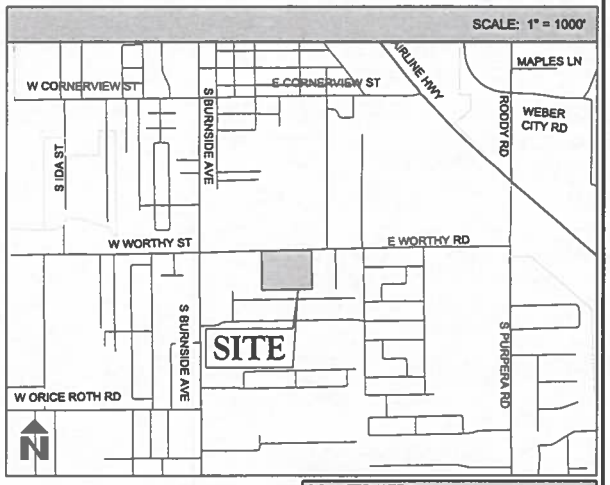
ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS

ASCENSION PARISH, LA

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

FEBRUARY 2024



BID ALTERNATE 1:

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

BID ALTERNATE 2:

ALL PROPOSED WORK FROM SHEET L3.1, L3.1, L4.0, & L4.2 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.

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CLIENT

PARISH OF ASCENSION GOVERNMENT

CLINT COINTMENT — PARISH PRESIDENT

COUNCIL MEMBERS

OLIVER JOSEPH, DISTRICT 1
JOEL ROBERT, DISTRICT 2
TRAVIS TURNER, DISTRICT 3
BRETT ARCENEAUX, DISTRICT 4
MICHAEL "TODD" VARNADO, DISTRICT 5
CHASE MELANCON, DISTRICT 6
BRIAN HILLENSBECK, DISTRICT 7
BLAINE PETITE, DISTRICT 8
PAMELA "PAM" ALONSO, DISTRICT 9
DENNIS CULLEN, DISTRICT 10
MICHAEL MASON, DISTRICT 11

PARISH STAFF

RICKY COMPTON — PLANNING DIRECTOR
RANDY MULLIS — PROJECT MANAGER

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L7.1	SITE DETAILS

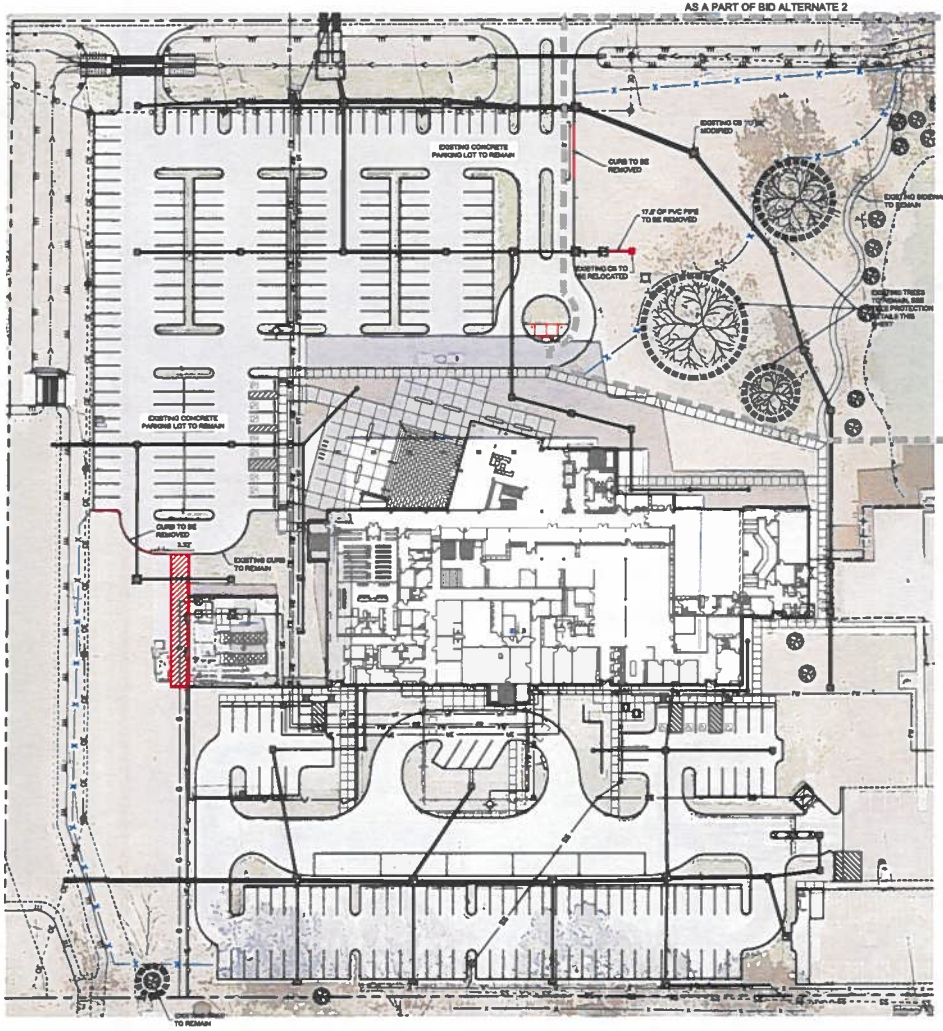
ASCENSION PARISH
501 GOVERNMENT ST. # 200
BATON ROUGE, LA 70802

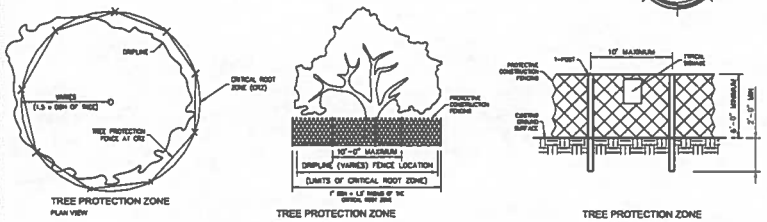
QUALITY Engineering & Surveying, LLC

DWG Path: P:\-2021 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\1 - LA\1_Desktop\224-21-224_L0-R01.dwg

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.

SCALE: 1"=40'

N

DEMOLITION LEGEND:

- CURB TO BE REMOVED (121.39 LF)
- CONCRETE TO BE REMOVED (1075 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
- (TBR) TO BE REMOVED
- EX. TREE TO BE PROTECTED IN PLACE

DEMOLITION GENERAL NOTES:

1.) 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.

2.) ALL DEMOLITION AND CONSTRUCTION TO BE KEPT WITHIN THE BOUNDARIES OF THE SITE OR AS DESIGNATED.

3.) PROTECT STRUCTURES, UTILITIES, VEGETATION, PAVING AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY DEMOLITION AND NEW CONSTRUCTION.

4.) 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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EROSION CONTROL LEGEND:

- INLET PROTECTION
- SILT FENCE

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Client: ASCENSION PARISH
4.0.0 WORKSHEET BY GEORGE LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
4.0.0 WORKSHEET BY GEORGE LA 70737

Title: EXISTING CONDITIONS, DEMOLITION, & EROSION CONTROL PLAN

Description: LOCATED IN: SECTION 33, TOWNSHIP 8 SOUTH, RANGE 3 EAST, SOUTHEASTERN DISTRICT OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Path: P:\-SD Projects\2-24 - Ascension Parish Courthouse Green Infrastructure Improvements\2 - LD\1.Drawings\2024-02-13.dwg

QUALITY
Engineering & Surveying, LLC
18360 Irma Rd, Gonzales, LA 70736
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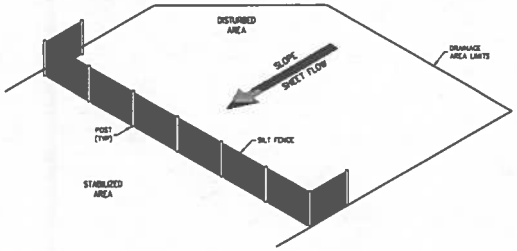
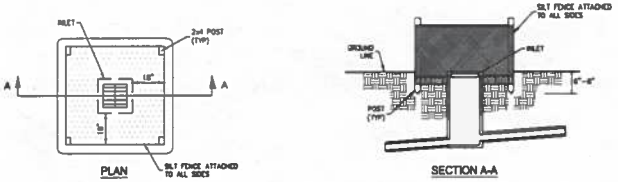
Stamp: LICENSED PROFESSIONAL ENGINEER — 02/01/24

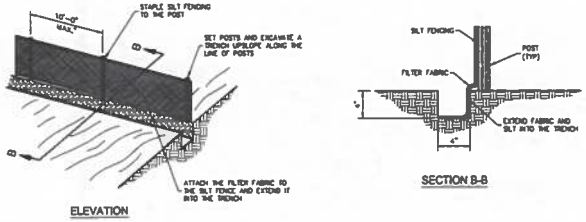
Drawn By:	TT
Date:	FEBRUARY 2024
Project No.:	21-224
Sheet:	L0.1



1 | SILT FENCE IN SHEET FLOW
SCALE: N.T.S.



5 | INLET SEDIMENT TRAP - ALT. 1
SILT FENCE BARRIER DETAIL
SCALE: N.T.S.



2 | CONSTRUCTION OF SILT FENCE
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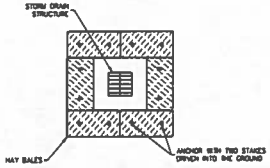
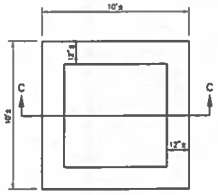
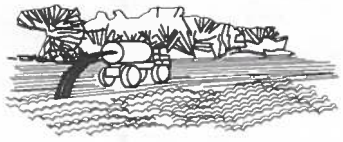


6 | INLET SEDIMENT TRAP - ALT. 2
STRAW BALE BARRIER DETAIL
SCALE: N.T.S.



3 | CONCRETE WASHOUT DETAIL
SCALE: N.T.S.



4 | DUST CONTROL
SCALE: N.T.S.

TEMPORARY METHODS:

MULCHES – REFER TO (DISTURBED AREA STABILIZATION)

VEGETATIVE COVER – REFER (DISTURBED AREA STABILIZATION WITH TEMPORARY SEEDING)

TILLAGE – ROUGHEN AND BRING CLODS TO THE SURFACE BY USE OF CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART

IRRIGATION – SITE SPRINKLED WITH WATER UNTIL WET. REPEAT AS NEEDED

BARRIERS – FENCES, HAY BALES, AND CRATE WALLS PLACED AT INTERVALS 15 TIMES THEIR HEIGHT AND PERPENDICULAR TO AIR CURRENTS

CALCIUM CHLORIDE – APPLY TO KEEP SURFACE WET. REPEAT AS NEEDED.

PERMANENT METHODS:

PERMANENT VEGETATION – REFER TO DS3 (DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION)

TOPSOILING – COVERING THE SURFACE WITH A LESS EROSIVE SOIL MATERIAL

STONE – SURFACE WITH CRUSHED STONE OR COARSE GRAVEL (SEE CR – CONSTRUCTION ROAD STABILIZATION)

MATERIALS

1.) SYNTHETIC FILTER FABRIC SHALL BE A PERVIOUS 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 TWINE 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 SCARIFYING 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 BERMUDA GRASS	10 LBS	3/1 – 8/15
FESCUE	50 LBS	9/1 – 10/31
FESCUE RYE GRASS	50 LBS	11/1 – 2/28
HAY MULCH FOR TEMPORARY COVER	5000 LBS	8/15 – 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 OR 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 SEEDED, 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 TO 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 PLACE 10 FEET BEHIND CURB OR WILL BE ANCHORED TO AVOID OVERTOPPING.

16.) EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. I F 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 NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

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Client: ASCENSION PARISH
AS-BUILT REPORTED BY: GORDON PLAUCHE, P.L.S.

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
AS-BUILT REPORTED BY: GORDON PLAUCHE, P.L.S.

Title: EROSION CONTROL DETAILS

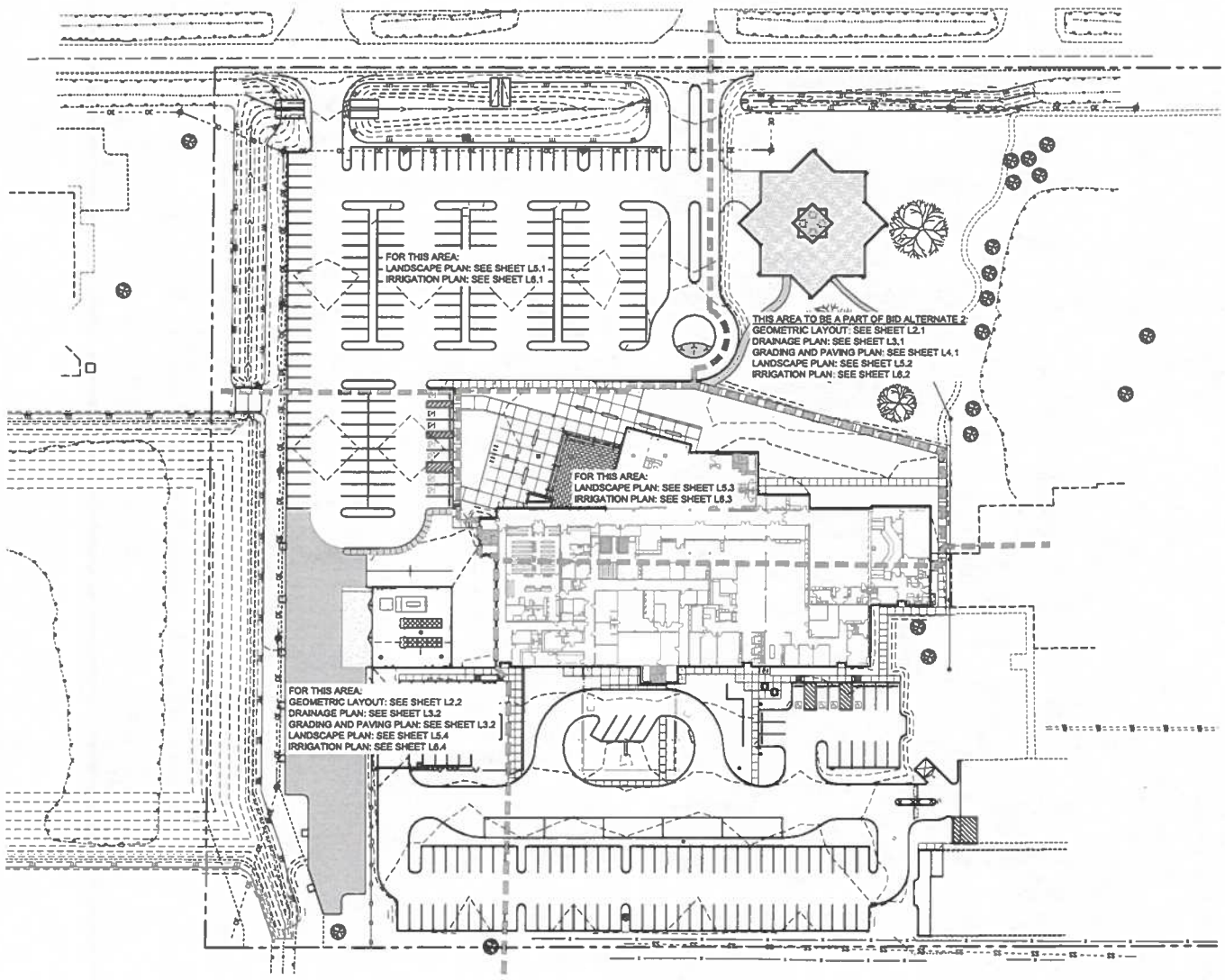
Description: LOCATED IN SECTION 33, TOWNSHIP 9 SOUTH, RANGE 3 EAST, SOUTHEASTERN PART OF ASCENSION PARISH, LOUISIANA

DWG Path: P:\2021 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\21-224.dwg\21-224-EC.dwg

QUALITY Engineering & Surveying, LLC
6000 Highway 90, Sorrento, LA 70778
Phone: 225.675.5990 | Fax: 225.675.5991

Stamp: STATE OF LOUISIANA PROFESSIONAL ENGINEER CERTIFICATE NO. 32 PE 6/21/24

Drawn By:	TT
Date:	FEBRUARY 2024
Project No.:	21-224
Sheet:	L0.2



SCALE: 1"=40'

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GENERAL NOTES:

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Client: ASCENSION PARISH
440 S WORCESTER ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
440 S WORCESTER ST
GONZALES, LA 70737

Title: OVERALL KEY PLAN

Description: LOCATED IN SECTION 23, TOWNSHIP 9 SOUTH, RANGE 3 EAST, SOUTHEASTERN EAST OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Path: J:\J-225 Projects\J-24 - Ascension Parish Courthouse Green Infrastructure Improvements\J - LDA\Drawings\Civil\L1.0 - OVERALL KEY PLAN.dwg

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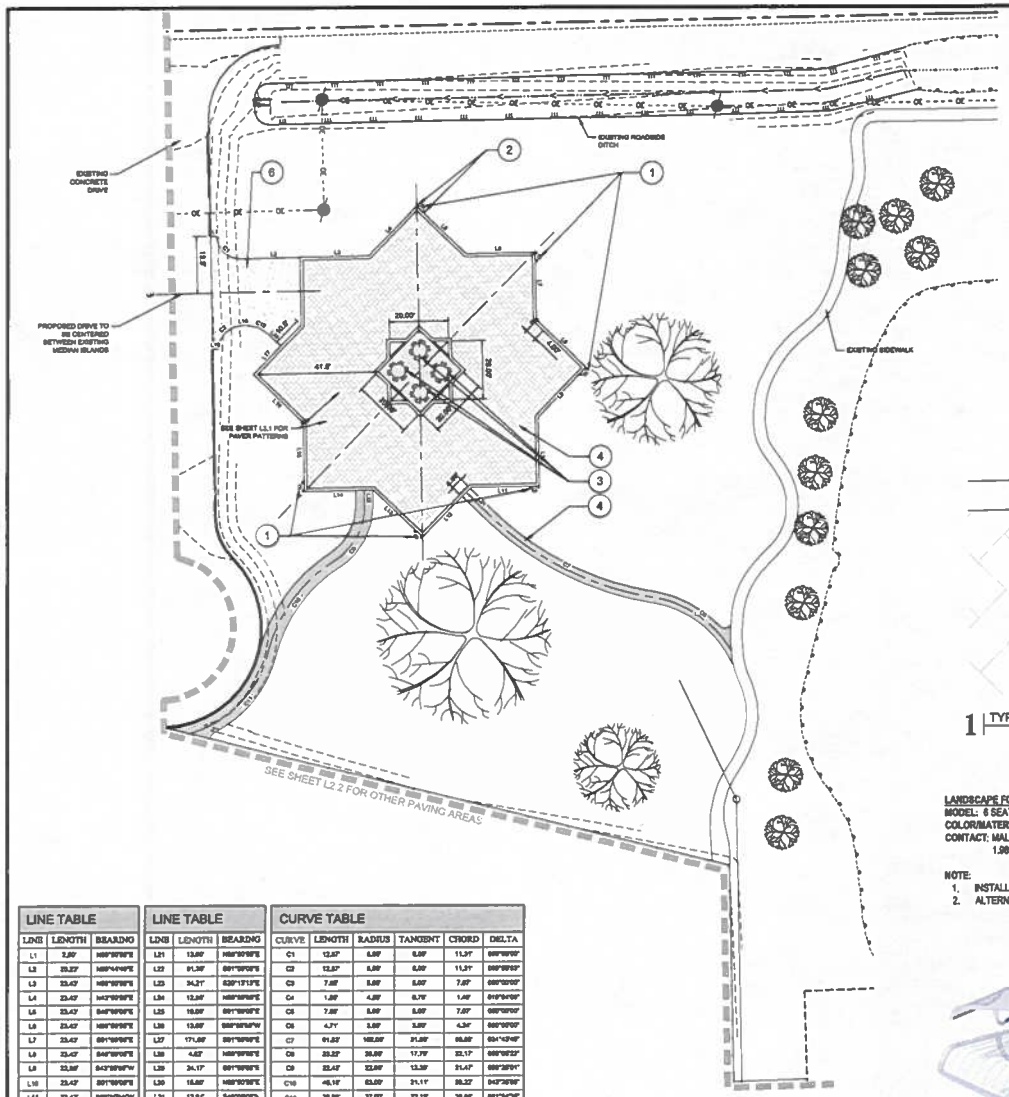
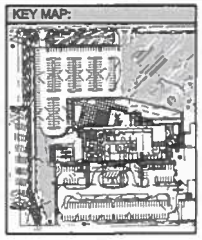
Date:	FEBRUARY 2024
Project No.:	21-224
Sheet:	L1.0



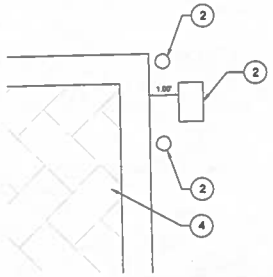
KEY NOTE SCHEDULE:

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

KEY MAP:



SCALE: 1"=20'



1 TYPICAL POWER PEDESTAL ENLARGEMENT

SCALE: 1"=2'

LANDSCAPE FORMS CAROUSEL TABLE
MODEL: 6 SEAT, BACKLESS GRID, DINING HEIGHT
COLOR/MATERIAL: SILVER POWDERCOAT STEELHEAD TABLE WITH WOOD INSERT
CONTACT: MALLARY MORVANT
1.985.859.0341

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

2 PICNIC TABLE

SCALE: N.T.S.

LINE TABLE

LINE	LENGTH	BEARING
L1	2.00'	N89°59'58"E
L2	23.23'	N89°44'46"E
L3	23.43'	N89°59'58"E
L4	23.43'	N47°59'58"E
L5	23.43'	S40°00'02"E
L6	23.43'	N89°59'58"E
L7	23.43'	S01°00'02"E
L8	23.43'	S40°00'02"E
L9	22.98'	S43°59'58"W
L10	23.43'	S01°00'02"E
L11	23.43'	S89°59'58"W
L12	23.43'	S40°00'02"E
L13	23.43'	N40°59'58"W
L14	23.43'	S89°59'58"W
L15	23.43'	N01°00'02"W
L16	23.43'	N40°59'58"W
L17	23.43'	N47°59'58"E
L18	1.43'	N89°59'58"E
L19	2.00'	N89°59'58"E
L20	210.00'	S01°00'02"E

LINE TABLE

LINE	LENGTH	BEARING
L21	13.00'	N89°59'58"E
L22	91.36'	S01°00'02"E
L23	34.21'	S30°17'13"E
L24	12.00'	N89°59'58"E
L25	10.00'	S01°00'02"E
L26	13.00'	S89°59'58"W
L27	171.00'	S01°00'02"E
L28	4.62'	N89°59'58"E
L29	34.17'	S01°00'02"E
L30	15.00'	N89°59'58"E
L31	12.54'	S40°00'02"E
L32	5.00'	S01°00'02"E
L33	5.30'	S40°00'02"E

CURVE TABLE

CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	12.57'	5.00'	5.00'	11.37'	000°00'00"
C2	12.57'	5.00'	5.00'	11.37'	000°00'00"
C3	7.85'	5.00'	5.00'	7.07'	000°00'00"
C4	1.00'	4.00'	0.76'	1.00'	014°04'00"
C5	7.85'	5.00'	5.00'	7.07'	000°00'00"
C6	4.71'	3.00'	3.00'	4.24'	000°00'00"
C7	91.53'	165.00'	91.00'	90.00'	031°47'46"
C8	23.22'	30.00'	17.79'	22.17'	000°00'23"
C9	22.42'	22.00'	12.39'	21.47'	058°39'01"
C10	46.16'	63.00'	24.11'	39.32'	042°39'00"
C11	30.00'	37.00'	22.19'	28.00'	001°54'35"
C12	7.00'	10.00'	4.14'	7.00'	040°00'00"

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 30 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
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.

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 RHS PROJECTS START DATE.

Client: ASCENSION PARISH
41115 WORCESTER ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
41115 WORCESTER ST
GONZALES, LA 70737

Title: GEOMETRIC LAYOUT PLAN

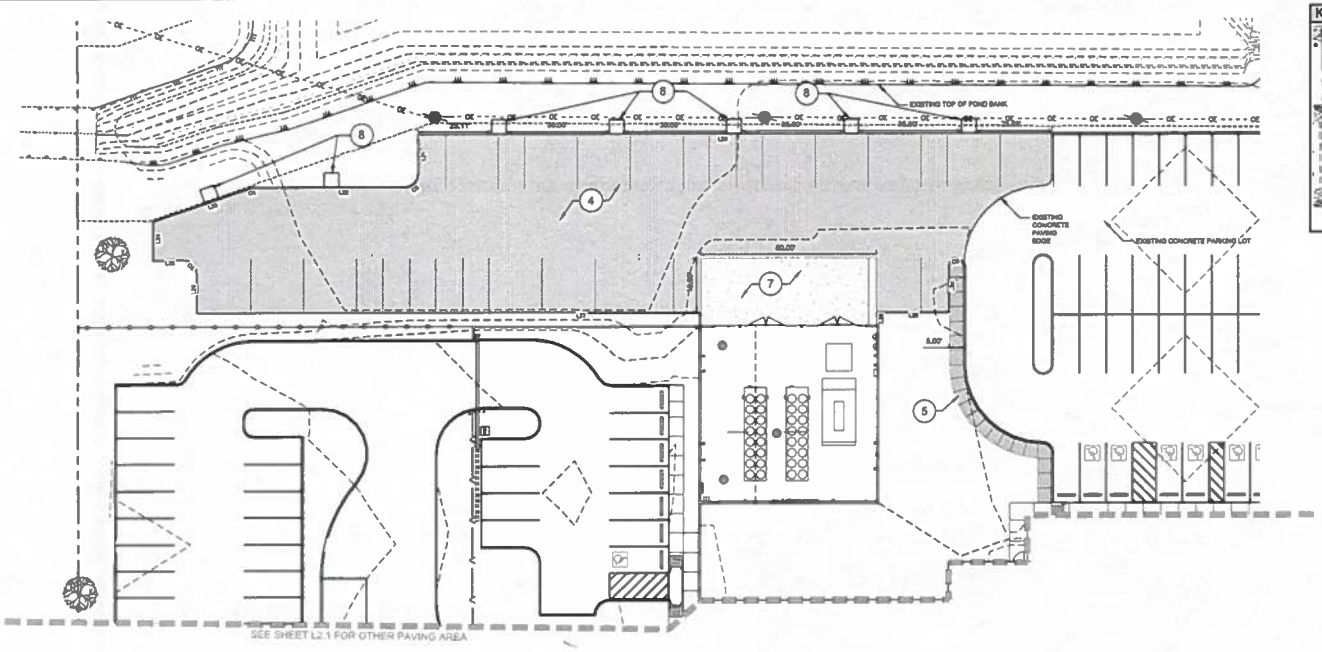
Description: LOCATED IN SECTION 26, TOWNSHIP 8 SOUTH, RANGE 5 EAST, SOUTHEASTERN DISTRICT OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

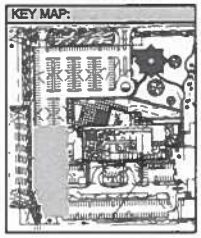
DWG Path: P:\H20 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\2 - LDA Jurisdiction\21-224-L2.1.dwg

QUALITY Engineering & Surveying, LLC
9800 Wright Avenue, Baton Rouge, LA 70814
(225) 926-1021 Fax (225) 926-1023

Stamp: STATE OF LOUISIANA PROFESSIONAL LANDSCAPE ARCHITECT
04/01/24

Drawn By:	TT
Date:	FEBRUARY 2024
Project No.:	21-224
Sheet:	L2.1





SCALE: 1"=20'

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.

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 30 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:

- EXIST. SANITARY SEWER SERVICE LINE
- EXIST. OVERHEAD ELECTRIC LINE
- EXIST. WATER LINE
- 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
- 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.

Louisiana 811
LAONECALL.COM

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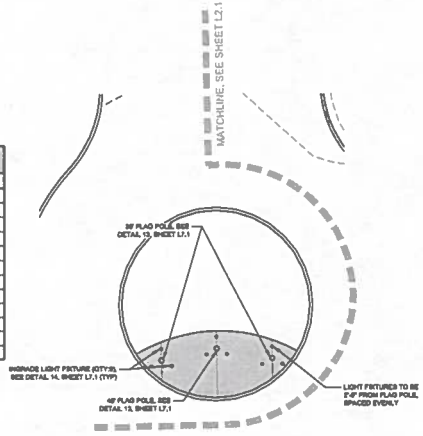


FLAG POLE AREA

SCALE: 1:10

LINE TABLE		
LINE	LENGTH	BEARING
L1	2.00'	N00°00'00"E
L2	28.33'	N00°44'40"E
L3	23.42'	N00°00'00"E
L4	23.42'	N42°00'00"E
L5	23.42'	S44°00'00"E
L6	23.42'	N00°00'00"E
L7	23.42'	S01°00'00"E
L8	23.42'	S44°00'00"E
L9	23.42'	S42°00'00"W
L10	23.42'	S01°00'00"E
L11	23.42'	S00°00'00"W
L12	23.42'	S42°00'00"W
L13	23.42'	N42°00'00"W
L14	23.42'	S00°00'00"W
L15	23.42'	N01°00'00"W
L16	23.42'	N00°00'00"W
L17	23.42'	N42°00'00"E
L18	2.00'	N00°00'00"E
L19	2.00'	N00°00'00"E
L20	216.00'	S01°00'00"E

LINE TABLE		
LINE	LENGTH	BEARING
L21	13.00'	N00°00'00"E
L22	61.33'	S01°00'00"E
L23	34.21'	S30°13'13"E
L24	13.00'	N00°00'00"E
L25	10.00'	S01°00'00"E
L26	13.00'	S00°00'00"W
L27	171.00'	S01°00'00"E
L28	4.00'	N00°00'00"E
L29	24.17'	S01°00'00"E
L30	15.00'	N00°00'00"E
L31	12.00'	S44°00'00"E
L32	5.00'	S01°00'00"E
L33	5.00'	S44°00'00"E

CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
C1	12.57'	8.00'	8.00'	11.31'	90°00'00"
C2	12.57'	8.00'	8.00'	11.31'	90°00'00"
C3	7.85'	5.00'	5.00'	7.07'	90°00'00"
C4	1.00'	4.00'	0.75'	1.00'	015°04'00"
C5	7.85'	5.00'	5.00'	7.07'	90°00'00"
C6	4.71'	3.00'	3.00'	4.24'	90°00'00"
C7	91.53'	103.00'	71.00'	88.58'	054°43'46"
C8	33.27'	30.00'	17.79'	31.17'	63°50'33"
C9	32.43'	23.00'	19.39'	21.47'	80°39'51"
C10	46.16'	63.00'	24.17'	39.23'	042°32'32"
C11	30.00'	37.00'	22.19'	29.08'	051°34'36"
C12	7.85'	10.00'	4.14'	7.66'	045°00'00"

Client: ASCENSION PARISH
42.15 SOUTHEAST ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
42.15 SOUTHEAST ST
GONZALES, LA 70737

Title: GEOMETRIC LAYOUT PLAN

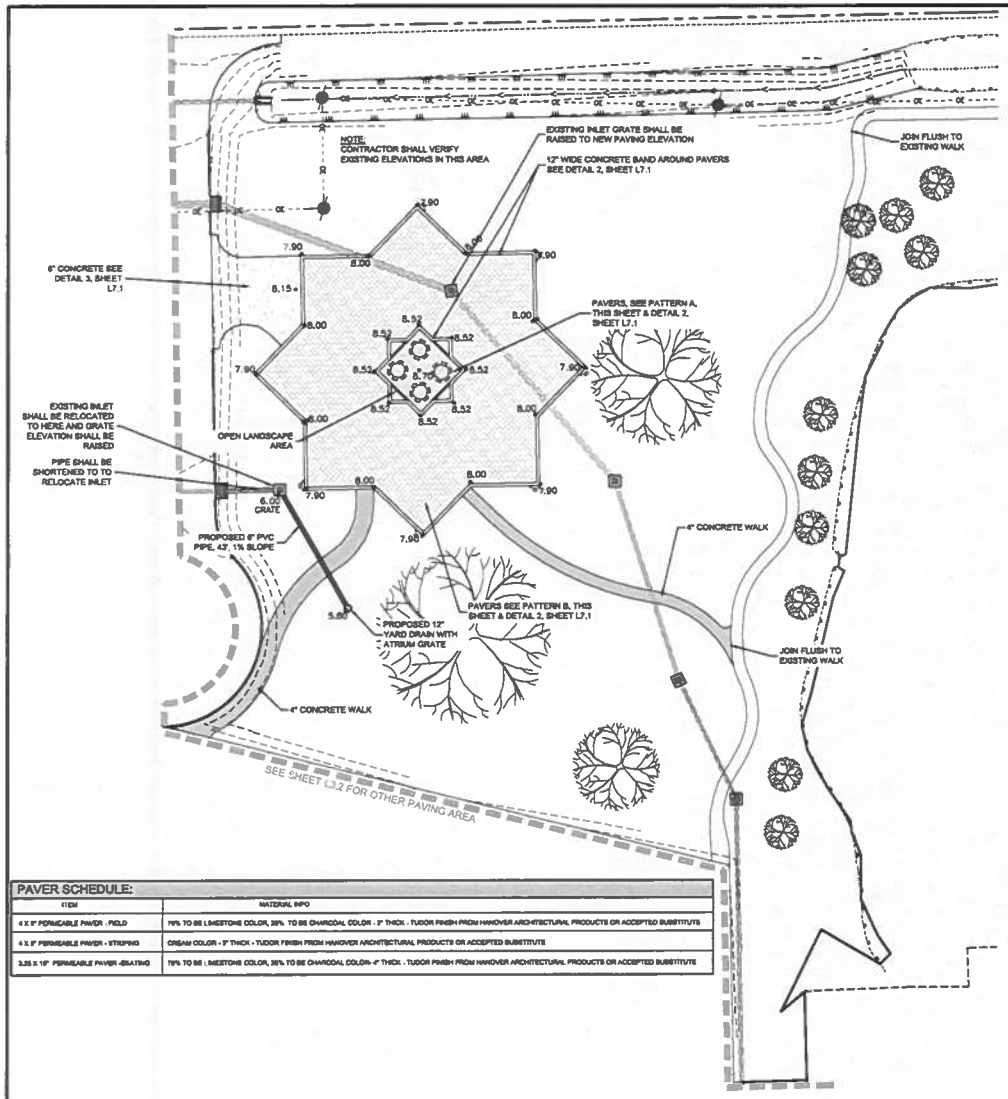
Description: LOCATED IN SECTION 33, TOWNSHIP 8 SOUTH, RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Path: P:\+RD Projects\P-24 - Ascension Parish Courthouse Green Infrastructure Improvements\2 - LDD_Design\Plans\P-24.12.dwg

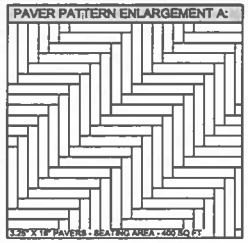
QUALITY Engineering & Surveying, LLC
42000 Hwy 42, Gonzales, LA 70737
(225) 647-9000 | www.qualityengineering.net

Stamp: STATE OF LOUISIANA — JOHN E. PRATT — 34996 — PROFESSIONAL ENGINEER — 02/01/24

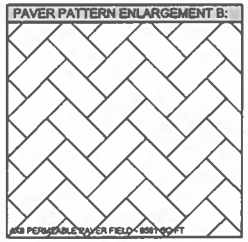
Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L2.2



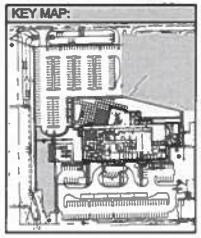
PAVER PATTERN ENLARGEMENT A:



PAVER PATTERN ENLARGEMENT B:



KEY MAP:



PAVER SCHEDULE:

ITEM	MATERIAL INFO
4 X 8" PERMEABLE PAVER - FIELD	75% TO BE LIMESTONE COLOR, 25% TO BE CHARCOAL COLOR - 3" THICK - TUDOR FINISH FROM HANOVER ARCHITECTURAL PRODUCTS OR ACCEPTED SUBSTITUTS
4 X 8" PERMEABLE PAVER - STRIPING	CREAM COLOR - 3" THICK - TUDOR FINISH FROM HANOVER ARCHITECTURAL PRODUCTS OR ACCEPTED SUBSTITUTS
3.25 X 16" PERMEABLE PAVER -SEATING	75% TO BE LIMESTONE COLOR, 25% TO BE CHARCOAL COLOR- 4" THICK - TUDOR FINISH FROM HANOVER ARCHITECTURAL PRODUCTS OR ACCEPTED SUBSTITUTE

BID ALTERNATE 1:

ALL PROPOSED ITEMS ON THIS SHEET TO BE A PART OF BID ALTERNATE 1.

GRADING NOTES:

1.) THE CONTRACTOR SHALL GRADE LOT TO CONFORM TO DRAINAGE PATTERNS SHOWN HEREON.

2.) THE CONTRACTOR SHALL BE COGNIZANT OF THE EXISTENCE OF UTILITIES WITHIN THE PROJECT AREA AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE THAT NO DAMAGE AND/OR SERVICE INTERRUPTION SHALL BE INFLICTED UPON THESE FACILITIES. THE CONTRACTOR SHALL COORDINATE DIRECTLY WITH THE UTILITY COMPANIES AND BE RESPONSIBLE FOR ANY FEES NECESSARY IN MOVING SUCH UTILITIES AND SHALL NOTIFY THE ENGINEER AND UTILITY COMPANY PRIOR TO PERFORMING WORK IN THESE AREAS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE CAUSED BY HIS FAILURE TO FOLLOW THESE DIRECTIONS OR TO PERFORM HIS WORK IN A SAFE AND RESPONSIBLE MANNER.

3.) ALL STRUCTURES LOCATED WITHIN STREET OR SIDEWALK PAVING SHALL HAVE TOPS THAT MATCH THE FINISHED GRADES.

PAVEMENT NOTES:

1.) SEE SHEET L7.1 FOR PAVING DETAILS.

2.) TOP ELEVATIONS OF ALL STRUCTURES WITHIN LIMITS OF PAVEMENT SHALL, UNLESS OTHERWISE NOTED, MATCH THE PROPOSED PAVEMENT ELEVATIONS.

3.) ALL STRUCTURES WITHIN LIMITS OF PAVEMENT SHALL HAVE EXPANSION MATERIAL ADJACENT TO EDGE

4.) ALL PAVEMENT JOINTS SHALL BE EXTENDED TO AND THROUGH THE CONJUNCTIVE PORTLAND CEMENT CONCRETE CURBS. DOWELS SHALL NOT EXTEND THROUGH ANY JOINT.

5.) ALL ELEVATIONS FOR PAVEMENT SHOWN HEREIN, UNLESS OTHERWISE NOTED, ARE TOP OF PAVEMENT ELEVATIONS.

6.) ALL SIDEWALKS SHOWN SHALL BE 4" THICK CONCRETE.

7.) THE PORTLAND CEMENT CONCRETE USED FOR PAVEMENT AND CURBS SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000-PSI AND CONFORM TO LADOTD STANDARDS AND SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION AND/OR ASTM STANDARD C-94 (STANDARD SPECIFICATIONS FOR READY-MIXED CONCRETE).

8.) ALL PAVEMENT JOINT CONSTRUCTION AND SEALING DETAILS SHALL CONFORM TO THE LADOTD STANDARD PLAN NO. CP-01 FOR PORTLAND CEMENT CONCRETE PAVEMENT DETAILS. JOINT MATERIAL SHALL BE A POLYURETHANE SEALANT AND SHALL CONFORM TO LADOTD STANDARDS AND SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

9.) WHERE SAW CUT JOINTS ARE USED, THE SAWING OPERATOR SHALL BEGIN AS SOON AS CONCRETE HAS REACHED SUFFICIENT STRENGTH TO SUPPORT EQUIPMENT. THE SAWING OPERATION SHALL BE COMPLETED WITHIN 12 HOURS OF THE INITIAL POUR.

DRAINAGE NOTES:

1.) ALL TIES INTO EXISTING SUBSURFACE SYSTEM SHALL NOT IMPEDE FLOW OF EXISTING SYSTEM AND ENSURE POSITIVE DRAINAGE THROUGHOUT.

LEGEND:

- FLOW ARROW
- DRAINAGE BOUNDARY
- PROPOSED DRAINAGE PIPE
- PROPOSED SWALE/DITCH
- EX. CONTOUR
- EX. DRAINAGE PIPE
- EX. OVERHEAD ELECTRIC LINE
- EX. DITCH CENTERLINE
- EX. ROAD CENTERLINE
- EX. GRATE INLET
- EX. DROP INLET
- EX. SANITARY SEWER MANHOLE
- EX. POWER POLE
- EX. TELEPHONE PEDESTAL
- EX. LIGHT POLE
- EX. FIRE HYDRANT
- EX. WATER VALVE
- EX. GAS METER
- EX. TREE (SIZE/TYPE VARIES)
- EX. TRAFFIC SIGN
- EX. FENCE

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

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

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

Title: GRADING, PAVING,& DRAINAGE LAYOUT PLAN

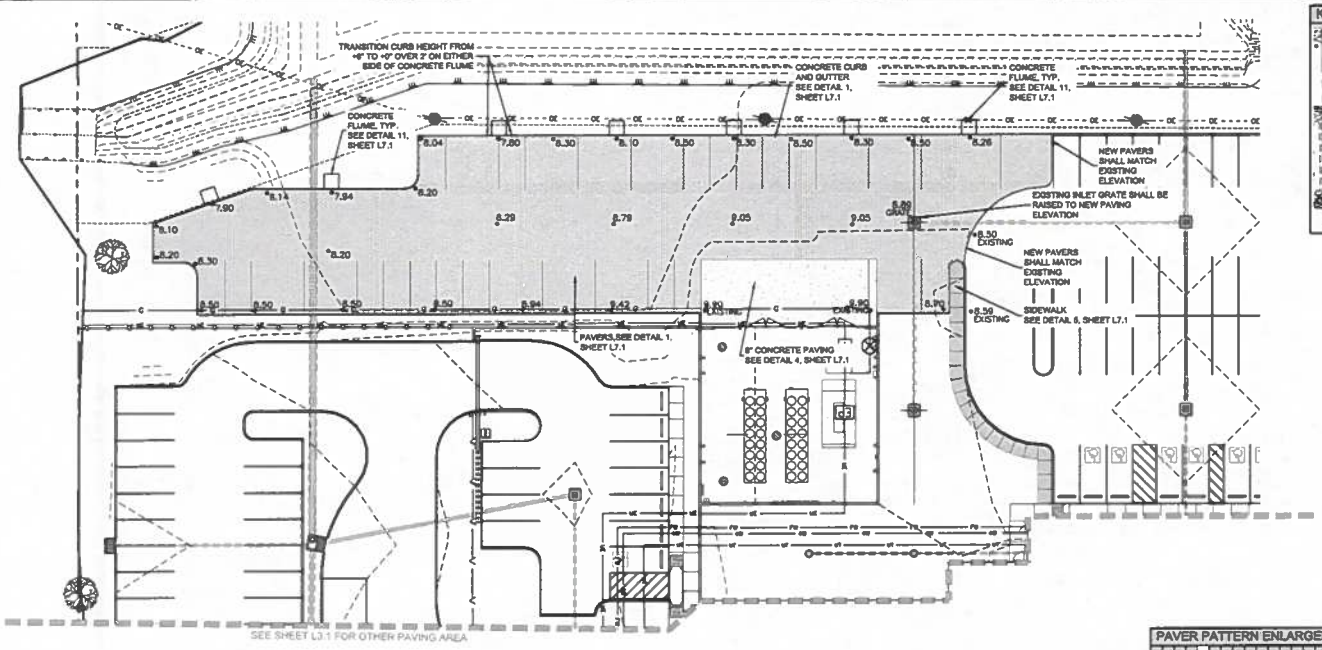
Description: LOCATED IN: SECTION 33, TOWNSHIP 8 SOUTH, RANGE 3 EAST, SOUTHEASTERN EAST OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Path: P:\21-224 Project\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\21 - LD\L3 Grading\L3-1 GRADING

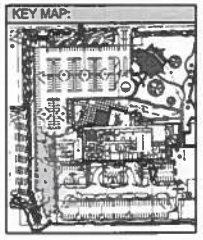
QUALITY Engineering & Surveying, LLC
[illegible]

Stamp: STATE OF LOUISIANA LICENSED LANDSCAPE ARCHITECT 06/01/24

Drawn By:	TT
Date:	FEBRUARY 2024
Project No.:	21-224
Sheet:	L3.1



KEY MAP:



SCALE 1"=20'

GRADING NOTES:

1.) THE CONTRACTOR SHALL GRADE LOT TO CONFORM TO DRAINAGE PATTERNS SHOWN HEREON.

2.) THE CONTRACTOR SHALL BE COGNIZANT OF THE EXISTENCE OF UTILITIES WITHIN THE PROJECT AREA AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE THAT NO DAMAGE AND/OR SERVICE INTERRUPTION SHALL BE INFLICTED UPON THESE FACILITIES. THE CONTRACTOR SHALL COORDINATE DIRECTLY WITH THE UTILITY COMPANIES AND BE RESPONSIBLE FOR ANY FEES NECESSARY IN MOVING SUCH UTILITIES AND SHALL NOTIFY THE ENGINEER AND UTILITY COMPANY PRIOR TO PERFORMING WORK IN THESE AREAS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE CAUSED BY HIS FAILURE TO FOLLOW THESE DIRECTIONS OR TO PERFORM HIS WORK IN A SAFE AND RESPONSIBLE MANNER.

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PAVEMENT NOTES:

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3.) ALL STRUCTURES WITHIN LIMITS OF PAVEMENT SHALL HAVE EXPANSION MATERIAL ADJACENT TO EDGE

4.) ALL PAVEMENT JOINTS SHALL BE EXTENDED TO AND THROUGH THE CONJUNCTIVE PORTLAND CEMENT CONCRETE CURBS. DOWELS SHALL NOT EXTEND THROUGH ANY JOINT.

5.) ALL ELEVATIONS FOR PAVEMENT SHOWN HEREIN, UNLESS OTHERWISE NOTED, ARE TOP OF PAVEMENT ELEVATIONS.

6.) ALL SIDEWALKS SHOWN SHALL BE 4" THICK CONCRETE.

7.) THE PORTLAND CEMENT CONCRETE USED FOR PAVEMENT AND CURBS SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000-PSI AND CONFORM TO LADOTD STANDARDS AND SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION AND/OR ASTM STANDARD C-94 (STANDARD SPECIFICATIONS FOR READY-MIXED CONCRETE).

8.) ALL PAVEMENT JOINT CONSTRUCTION AND SEALING DETAILS SHALL CONFORM TO THE LADOTD STANDARD PLAN NO. CP-01 FOR PORTLAND CEMENT CONCRETE PAVEMENT DETAILS. JOINT MATERIAL SHALL BE A POLYURETHANE SEALANT AND SHALL CONFORM TO LADOTD STANDARDS AND SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.

9.) WHERE SAW CUT JOINTS ARE USED, THE SAWING OPERATOR SHALL BEGIN AS SOON AS CONCRETE HAS REACHED SUFFICIENT STRENGTH TO SUPPORT EQUIPMENT. THE SAWING OPERATION SHALL BE COMPLETED WITHIN 12 HOURS OF THE INITIAL POUR.

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

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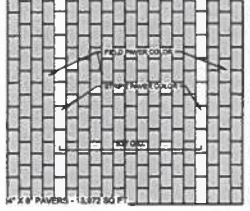
PAVER PATTERN ENLARGEMENT C:



LEGEND:

- FLOW ARROW
- DRAINAGE BOUNDARY
- PROPOSED DRAINAGE PIPE
- PROPOSED SWALE/DITCH
- EXL CONTOUR
- EXL DRAINAGE PIPE
- EXL OVERHEAD ELECTRIC LINE
- EXL DITCH CENTERLINE
- EXL ROAD CENTERLINE
- EXL GRATE INLET
- EXL DROP INLET
- EXL SANITARY SEWER MANHOLE
- EXL POWER POLE
- EXL TELEPHONE PEDESTAL
- EXL LIGHT POLE
- EXL FIRE HYDRANT
- EXL WATER VALVE
- EXL GAS METER
- EXL TREE (SIZE/TYPE VARIES)
- EXL TRAFFIC SIGN
- EXL FENCE

Client: ASCENSION PARISH
42.5 SPOCTSHOT ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
42.5 SPOCTSHOT ST
GONZALES, LA 70737

Title: GRADING, PAVING, & DRAINAGE LAYOUT PLAN

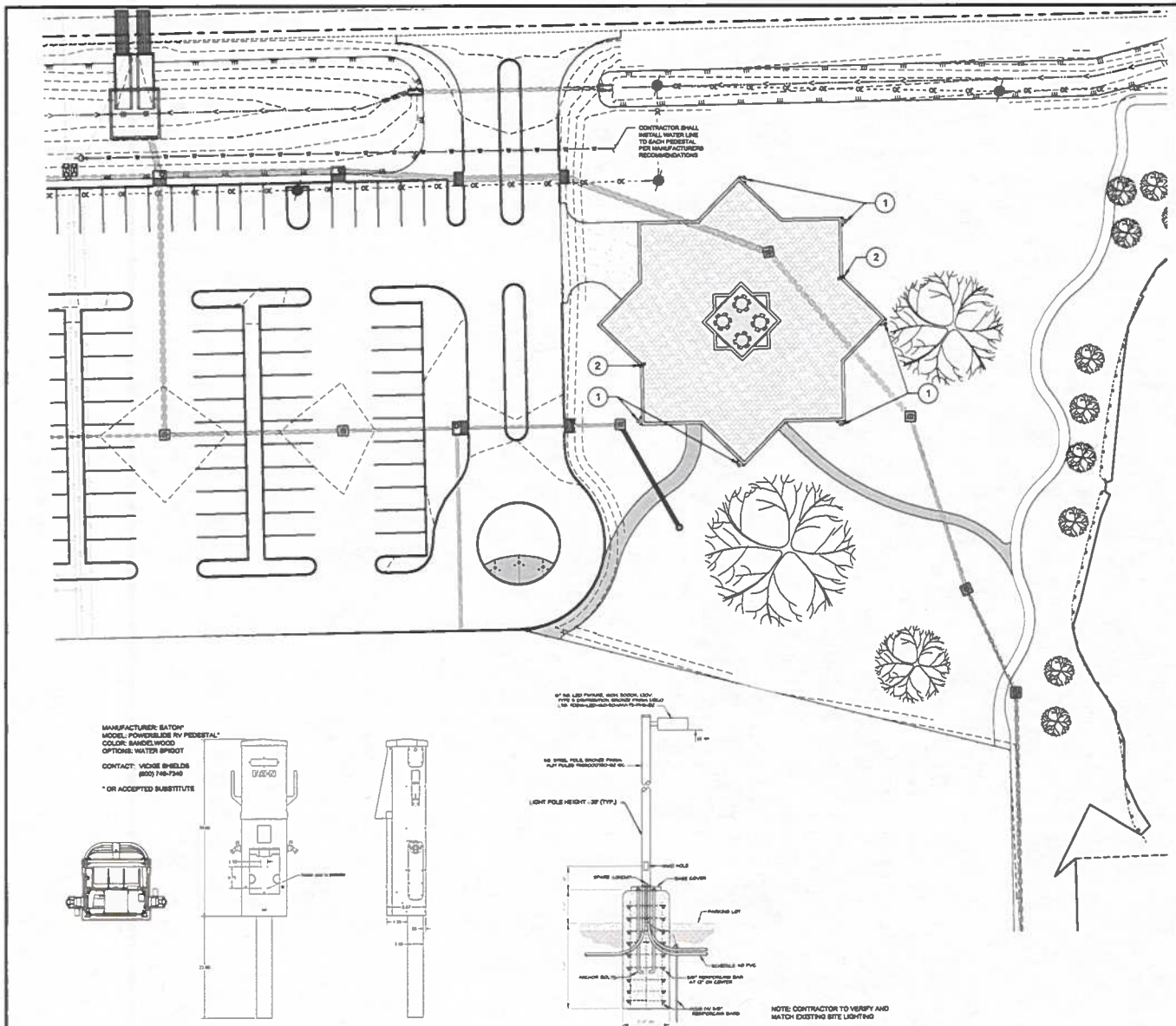
Description: LOCATED IN: SECTION 34, TOWNSHIP 9 SOUTH, RANGE 3 EAST, SOUTHEASTERN LAND OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Path: J:\1-202 Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\1 LD\L3.2\21-224-L3.2.dwg

QUALITY Engineering & Surveying, LLC
10000 Hwy 42, Gonzales, LA 70250
225.675.5000 | www.qualityengsurv.com

Stamp: LA OF LICENSED PROFESSIONAL ENGINEER & LAND SURVEYOR — 5/31/24

Drawn By:	TT
Date:	FEBRUARY 2024
Project No.:	21-224
Sheet:	L3.2



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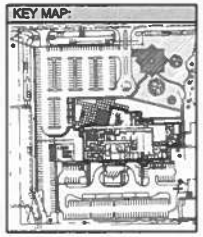

SCALE 1"=20'

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	8	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 3.

GENERAL NOTES:

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

UTILITY NOTES:

1.) 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.

2.) 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:

1.) CONTRACTOR SHALL DESIGN AND PROVIDE AN ELECTRICAL SERVICE TO PROVIDE POWER TO THE PEDESTALS, INCLUDING THE FOLLOWING CIRCUITS: 8-60 AMP, 4-30 AMP, AND 6-30 AMP. THE ELECTRICAL SERVICE SHALL INCLUDE METER PAN AND PANEL, MOUNTED TO A STEEL FRAME WITH APPROPRIATELY-SIZED FOUNDATION.

2.) 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:

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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MANUFACTURER: EATON*
MODEL: POWERSLEDS RV PEDESTAL*
COLOR: SANDELWOOD
OPTIONS: WATER SPIGOT

CONTACT: VICKIE SHIELDS
(800) 749-7340

* OR ACCEPTED SUBSTITUTE

1 POST MOUNTED RV PEDESTAL
1/2" = 1'-0"

33-01

NOTE: CONTRACTOR TO VERIFY AND MATCH EXISTING SITE LIGHTING

2 POLE MOUNTED AREA LIGHT
NTS

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

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

Title: UTILITY LAYOUT PLAN

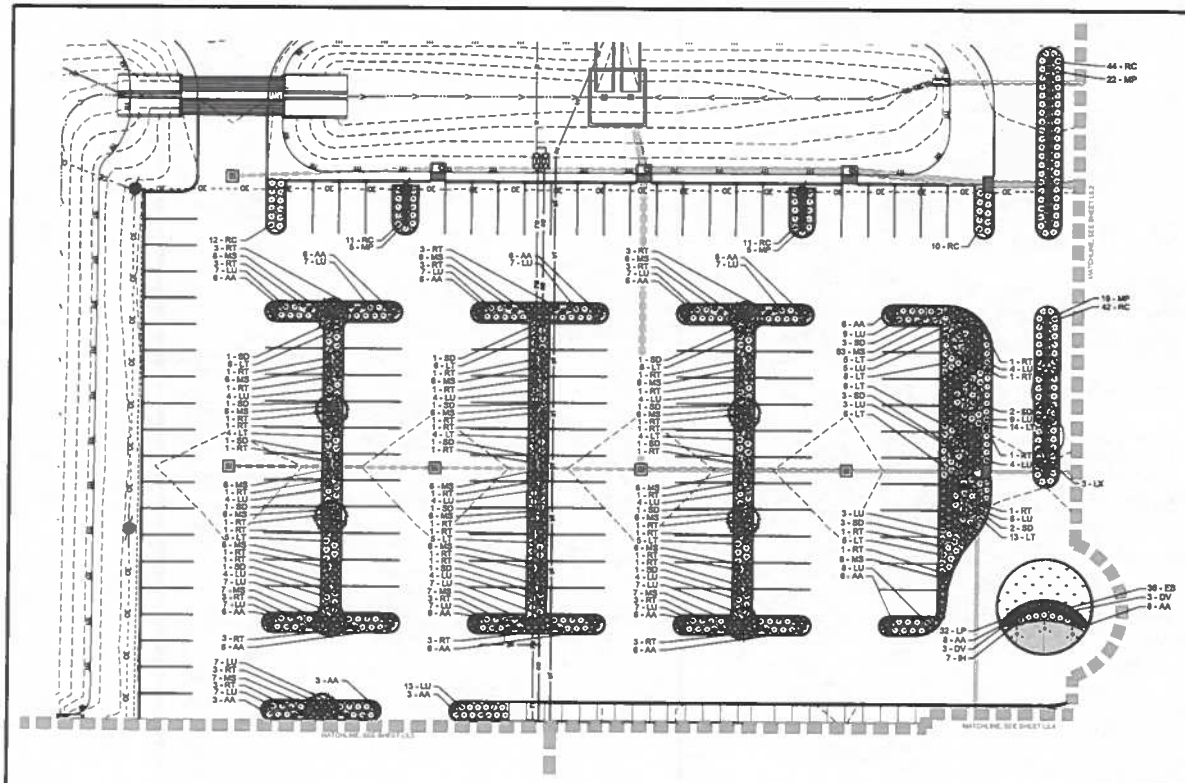
Description: LOCATED IN SECTION 33, TOWNSHIP 9 SOUTH, RANGE 5 EAST, SOUTHEASTERN DISTRICT OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Path: P:\-BD Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\ - LU_Landscape\21-224 - L4.0.dwg

QUALITY Engineering & Surveying, LLC
1555 Hwy 22 Donaldsonville, LA 70346
(225) 675-5000 / www.qualityes.com

Stamps

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



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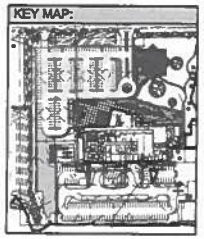

SCALE: 1"=20'

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 'PIIL-C-III' / Purple Daystream® 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 "NCSDX2" / Double Play Doozie® Spirea
GROUND COVERS		
	SOD	Cynodon dactylon 'Celebration' / Celebration Bermuda Grass
	MH	Mulch Mulch / Mulch
	STN	Rock / River Stone

UTILITY NOTE:

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Client: ASCENSION PARISH
615 S WORTHEY ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
615 S WORTHEY ST
GONZALES, LA 70737

Title: LANDSCAPE PLANTING PLAN

Description: LOCATED IN SECTION 34, TOWNSHIP 9 SOUTH, RANGE 3 EAST, SOUTHEASTERN LAND DISTRICT, ASCENSION PARISH, LOUISIANA

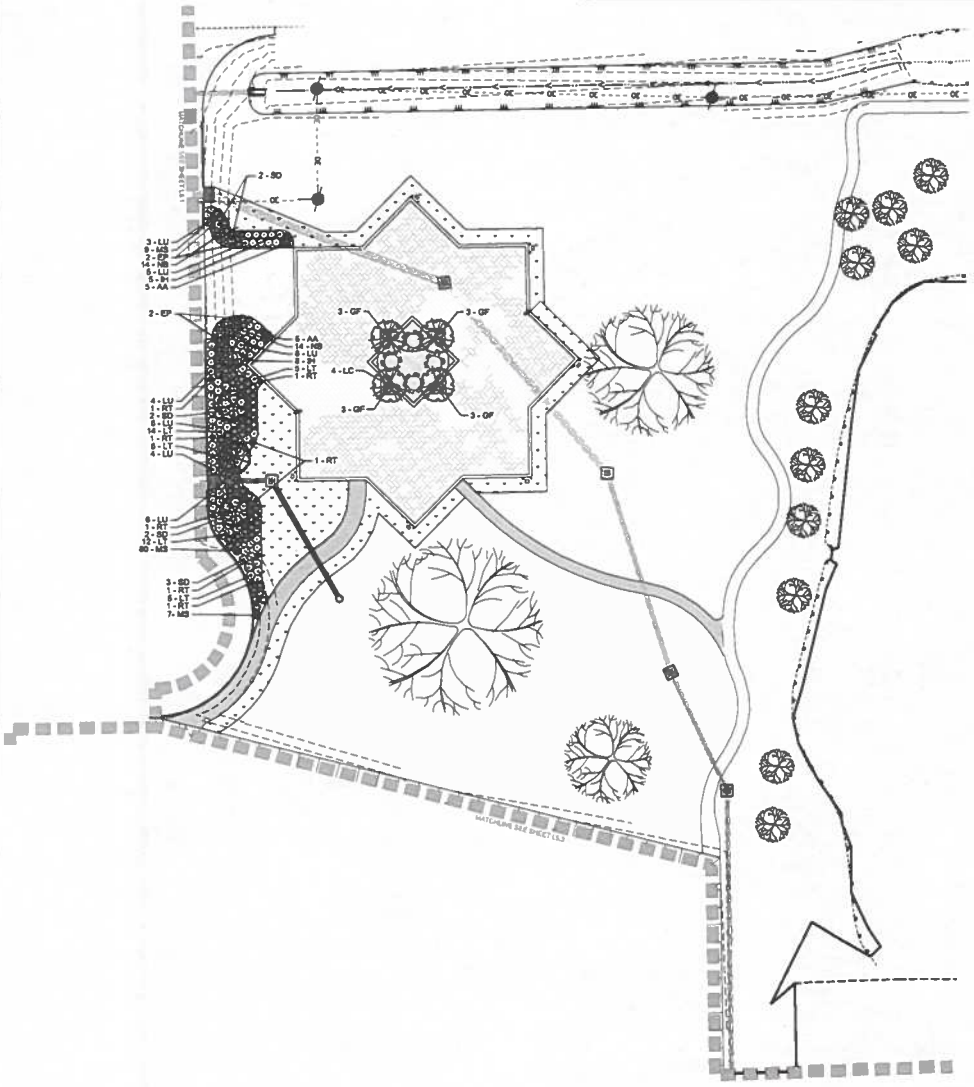
DWG Path: "P:\JB Projects\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\" - LP1_Landscapeplan-PLUS11.dwg

QUALITY Engineering & Surveying, LLC
10250 Perkins Rd, Baton Rouge, LA 70810
(225) 769-1779 | www.qualitycivil.com

Stamp: STATE OF LOUISIANA REGISTERED LANDSCAPE ARCHITECT 3/5/24

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

Sheet: L5.1



KEY MAP:

20 0 20 40

SCALE: 1"=20'

N

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

Client: ASCENSION PARISH
A.I.S. SECRETARY OF GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
A.I.S. SECRETARY OF GONZALES, LA 70737

Title: LANDSCAPE PLANTING PLAN

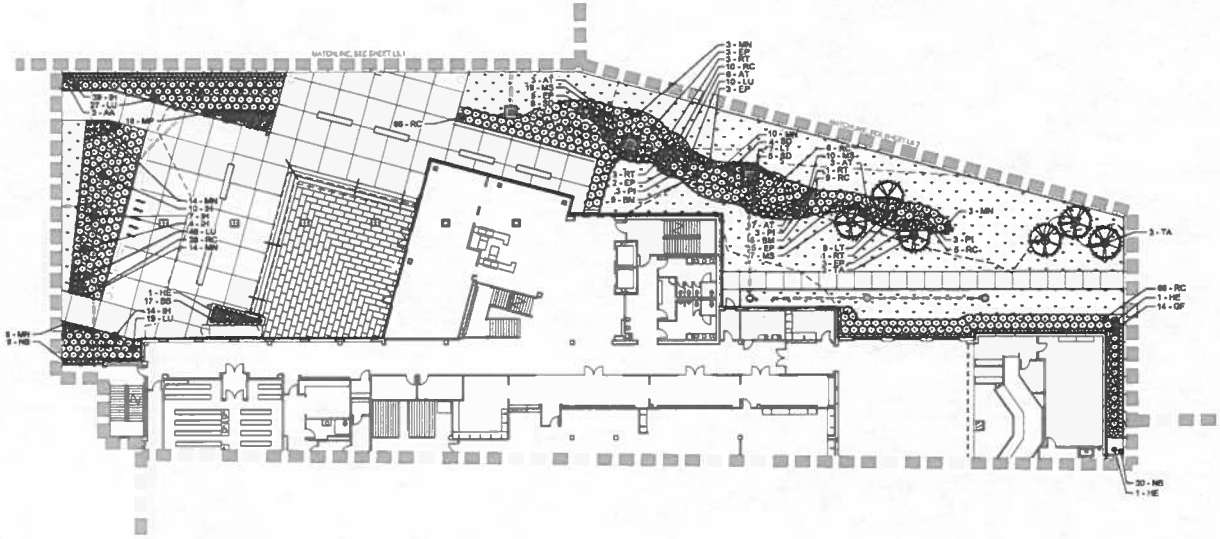
Description: LOCATED IN SECTION 24, TOWNSHIP 8 SOUTH, RANGE 3 EAST, SOUTHEASTERN LAND DISTRICT, WEST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Prefix: P:\21-224 Parish\L5-2\ - Aussie Pelt Surface Bar Modeler Incorporated\ - LV2 Jeremy\L5-2-LS.L5.dwg

QUALITY Engineering & Surveying, LLC
14000 Hwy 44 Gonzales, LA 70737
225.644.1997 | Consultants | Surveyors

Seal: STATE OF LOUISIANA REGISTERED LANDSCAPE ARCHITECT 5/10/24

Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L5.2



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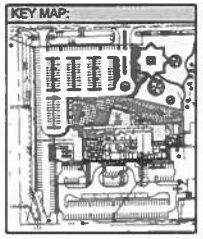

20 0 20 40

SCALE: 1"=20'

N

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 Lorapetalum
	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 Dazzle® 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.

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Client: ASCENSION PARISH
615 S SOUTHFIELD ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
615 S SOUTHFIELD ST
GONZALES, LA 70737

Title: LANDSCAPE PLANTING PLAN

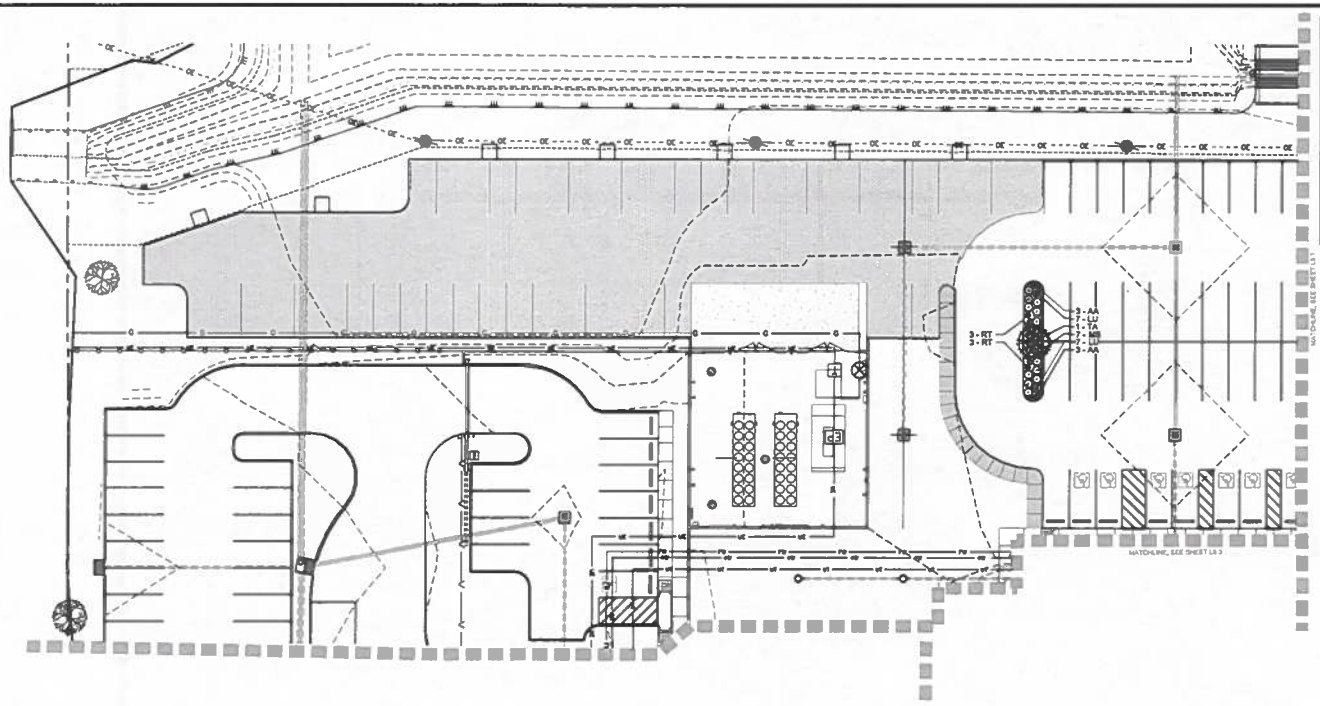
Description: LOCATED IN SECTION 33, TOWNSHIP 11 SOUTH, RANGE 3 EAST, SOUTHEASTERN EAST OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG File: P:\ASI Projects\L-24 - Ascension Parish Courthouse Green Infrastructure Improvements\L - LP\L Drawings\L5.3 - 21-224.dwg

QUALITY Engineering & Surveying, LLC
Office: Hwy 41 Ponchatoula, LA 70454
Mailing Address: Ponchatoula, Louisiana

Stamp:

Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L5.3



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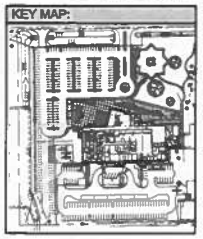

20 0 20 40

SCALE: 1"=20'

N

PLANTING LEGEND:

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

UTILITY NOTE:

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Client: ASCENSION PARISH
414 S WORCESTER ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
414 S WORCESTER ST
GONZALES, LA 70737

Title: LANDSCAPE PLANTING PLAN

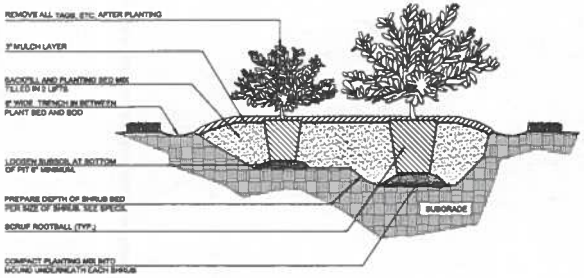
Description: LOCATED IN SECTION 25, TOWNSHIP 9 SOUTH, RANGE 3 EAST, SOUTHEASTERN EAST OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Prefix: P1-SBD Project# - 24 - Assets Field Surface Area Modification Improvements - LP1 Jeremy/Qlik/P- 24.1.1.5.dwg

QUALITY Engineering & Surveying, LLC
10550 Hwy 44, Gonzales, LA 70737
(225) 621-9000 | www.qualitycorp.com | info@qualitycorp.com

Stamps

Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L5.4



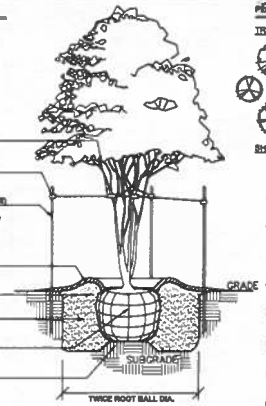
1 TYPICAL SHRUB PLANTING

1" = 1'-0" 85-01

NOTES

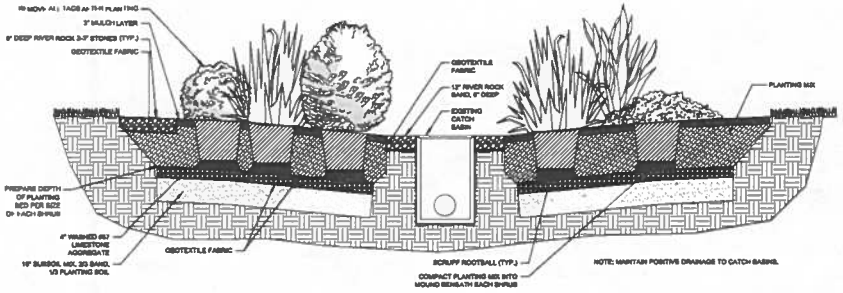
3 GUY WIRES REQUIRED PER PLANT. SPACE EQUALLY AT 120° AROUND TREE, CONNECTED TO MAJOR TRUNK. INTERCONNECT MAJOR TRUNKS.

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



2 MULTI- TRUNK TREE DETAIL

1" = 1'-0" 85-05

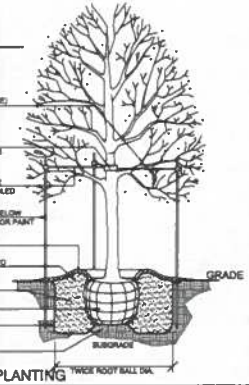


3 BIOSWALE PLANTING SECTION

1/2" = 1'-0" 85-14

NOTES

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



4 TYPICAL TREE PLANTING

1" = 1'-0" 85-02

LANDSCAPE PLANTING NOTES:

1. 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.
2. COORDINATE WORK WITH THE WORK OF OTHER TRADES ON THE SITE.
3. ENTIRE SITE SHALL BE GRADED TO FINISH GRADE PRIOR TO SCHEDULING PLANTING INSTALLATION.
4. APPLY FOR AND PROCURE ANY REQUIRED PERMITS PRIOR TO COMMENCING WORK.
5. STAKE OUT ALL TREE LOCATIONS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
6. PLANTS SHALL BE SPECIMEN QUALITY, FULL POT AND HEAD, SYMMETRICAL FOLIAGE AND BRANCHING STRUCTURE.
7. PROVIDE PHOTOGRAPHS WITH SCALE FIGURES FOR TREES OR SAMPLE TREES FROM NURSERY FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO DELIVERY TO THE SITE.
8. PLANT MATERIAL OF THE SAME SPECIES SHALL BE MATCHING IN CHARACTER AND SIZE, AND OBTAINED FROM THE SAME SOURCE.
9. LANDSCAPE CONTRACTOR SHALL FINE GRADE AND SOD ALL AREAS DAMAGED BY CONSTRUCTION. SEE PLANT LIST FOR REQUIRED REQUIREMENTS.
10. ALL TREES ARE TO BE STAKED AND PLANTED AS SHOWN IN DETAILS.
11. TREES SPECIFIED TO BE CONTAINER GROWN, THEY'S WHICH HAVE BEEN GROWN IN FIELD CONDITIONS AND PLACED IN CONTAINERS WILL BE NOT ACCEPTED. TREES SHOWN IN BROW BAGS WILL BE NOT ACCEPTED.
12. 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.
13. 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.
14. ALL TREES SHALL EQUAL OR EXCEED THE MEASUREMENTS SPECIFIED IN THE PLANT LIST AND ARE MINIMUM ACCEPTABLE SIZES. 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.
15. ON PITS SITE SHALL BE NEARLY SIX INCHES (6") ABOVE GROUND LEVEL.
16. 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.
17. ALL TREES SHALL BE MULCHED IF THEIR 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.
18. 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.
19. FERTILIZER SHALL BE 15-5-12 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.
20. ALL TREE PITS MUST BE LOOSENED TO A DEPTH THAT ANY HARDPAN HAS BEEN BROKEN AND MOISTURE IS ALLOWED TO MOVE THROUGH FREELY. ALL TREES SHALL BE SET FLUSH ON UNDISTURBED SUB GRADE. THE TREE MUST REAR THE SAME RELATIONSHIP TO FINISHED GRADE AS TREES GROWN, 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 POST PRESSURE AND WATER TO GENTLY PACK THE SOIL. COMPLETELY REMOVE ALL WIRE BASKETS AND TIE'S. COMPLETELY REMOVE BURLAP OR FEED PACK BURLAP ON TOP 1/3 OF ROOT BALL AND CUT SIX 5 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 6'-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.
21. ALL LAWN AREAS THAT DO NOT SHOW SATISFACTORY GROWTH WITHIN 2 WEEKS OF SODDING/HYDROSEEDING SHALL BE RE-SODDED/RE-SEEDED AS DIRECTED UNTIL A SATISFACTORY LAWN HAS BEEN ESTABLISHED.
22. 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.
23. 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.

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	QTY
	AA	Agapanthus africanus 'Blue' / Blue African Lily	3 gal	18-20" H, 18-20" SP.	140
	AT	Asclepias tuberosa / Butterfly Milkweed	3 gal	14"-18" H, 14"-16" SP	19
	BM	Buddleja x 'Miss Molly' / Miss Molly Butterfly Bush	3 gal	18-20" H, 18-20" SP.	15
	BS	Buxus microphylla japonica 'Gragem' / 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"-18" 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 'Adamas' / Touch of Gold™ Holly	3 gal	14"-18" H, 14"-18" SP	104
	LT	Leucophyllum candidum 'Thunder Cloud' / Thunder Cloud Texas Sage	3 gal	14"-18" H, 14"-16" SP	169
	LU	Loropetalum chinense rubrum 'PILC-III' / Purple Daydream® Dwarf Loropetalum	3 gal	14"-18" H, 14"-18" SP	376
	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"-18" H, 14"-16" SP	53
	MP	Muhlenbergia capillaris 'Pink Cloud' / Pink Cloud Pink Muhly Grass	3 gal	18"-20" H, 12"-14" SP.	88
	NB	Nandina domestica 'AKA' / Blush Pink™ Heavenly Bamboo	3 gal	10"-12" H x 10"x12" SP	342
	PI	Petroselinum crispum 'Italian Giant' / Parsley	1 gal		9
	RC	Rhododendron x 'Conlar' / Autumn Amethyst® Encore® Azalea	3 gal	14"-18" H, 14"-18" SP	444
	RT	Rudbeckia triloba / Brown Eyed Susan	1 gal	14"-18" H, 14"-16" SP	100
	SD	Spiraea x 'NCSX2' / Double Play Doozie® Spirea	3 gal	14"-18" 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	15,208 sf
	STN	Rock / River Stone	420 sf

UTILITY NOTE:

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Client: ASCENSION PARISH
42.5 S SPECKERT ST GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
42.5 S SPECKERT ST GONZALES, LA 70737

Title: LANDSCAPE PLANTING SCHEDULE & DETAILS

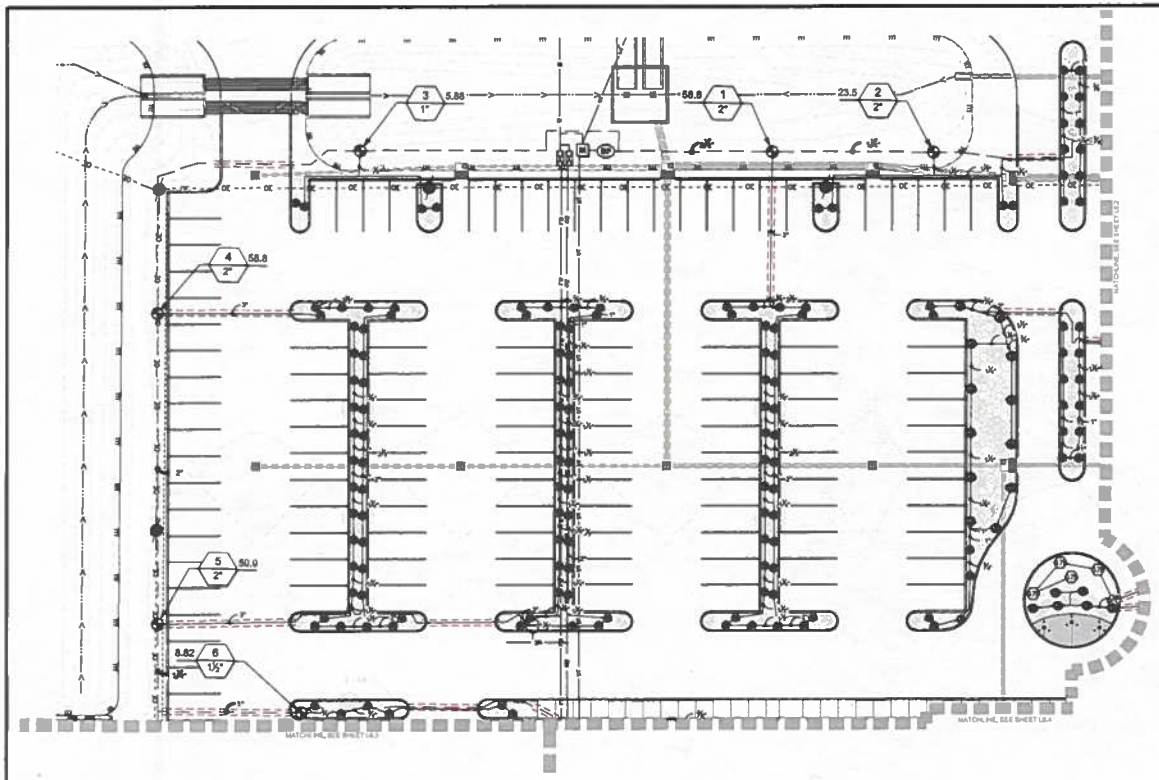
Description: LOCATED IN SECTION 53, TOWNSHIP 8 SOUTH, RANGE 5 EAST, SOUTHEASTERN EAST OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Prefix: 2-1-SEE Page(s)/Sp-26 - Jamie Field Confirm line selection (optional) - LS1_Bubble(Sp)-26-21.LS.dwg

QUALITY Engineering & Surveying, LLC
16550 Hwy 44, Gonzales, LA 70737
(225) 647-9000 | Gonzales | Napoleonville

Stamp

Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L5.5



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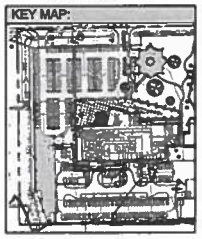


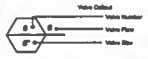
SCALE: 1"=20'

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
EST	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
10H 8H 8H 10H 10H 8H 8H 10H	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
EST LCS RCS CST SST	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
SST	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.	116	1/L6.6

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
17	Rain Bird 3504-PC 0.75 Turf Rotor, 4.0" Pop-Up, Adjustable and Full Circle.	5	2/L6.6
18	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up, Adjustable and Full Circle.	18	2/L6.6
19	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
BP	Febco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1	4/L6.6
C	Rain Bird ESPWLXME with (03) ESPLX34SM12 44 Station Commercial Controller . Mounted on a Plastic Wall Mount. Without flow sensing.	1	5/L6.6
	Rain Bird WRS-RFS Wireless Rain/Freeze Sensor	1	
	Irrigation Lateral Line: PVC Class 200 SDR 21	4,924 LF.	7/L6.6
	Irrigation Mainline: PVC Schedule 40	2,748 LF.	6/L6.6
	Pipe Sleeve: PVC Schedule 40	1,014 LF.	1/L6.7



GENERAL IRRIGATION NOTES:

1. ALL PLANTING AND SOD AREAS SHOWN ON PLANS SHALL BE IRRIGATED FOR COMPLETE COVERAGE.
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.
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.
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.
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.
6. CONTRACTOR SHALL CLEARLY MARK ALL EXPOSED EXCAVATIONS, MATERIALS AND EQUIPMENT. COVER ALL BARRICADE TRENCHES WHEN CONTRACTOR IS NOT ON SITE.
7. CONTRACTOR SHALL INSTALL 1.5" WATER METER FOR THE IRRIGATION SYSTEM AS PART OF THIS CONTRACT.
8. CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR CONTROLLER LOCATION. CONTROLLER SHALL BE CONNECTED TO AVAILABLE POWER AS PART OF THIS CONTRACT.
9. CONTRACTOR TO PROVIDE COMPLETE AS-BUILT DOCUMENTS.
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.

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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Client: ASCENSION PARISH
4.1.8 SCHEDULE OF CONCAULE, LA 70773

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
4.1.8 SCHEDULE OF CONCAULE, LA 70773

Title: LANDSCAPE IRRIGATION PLAN

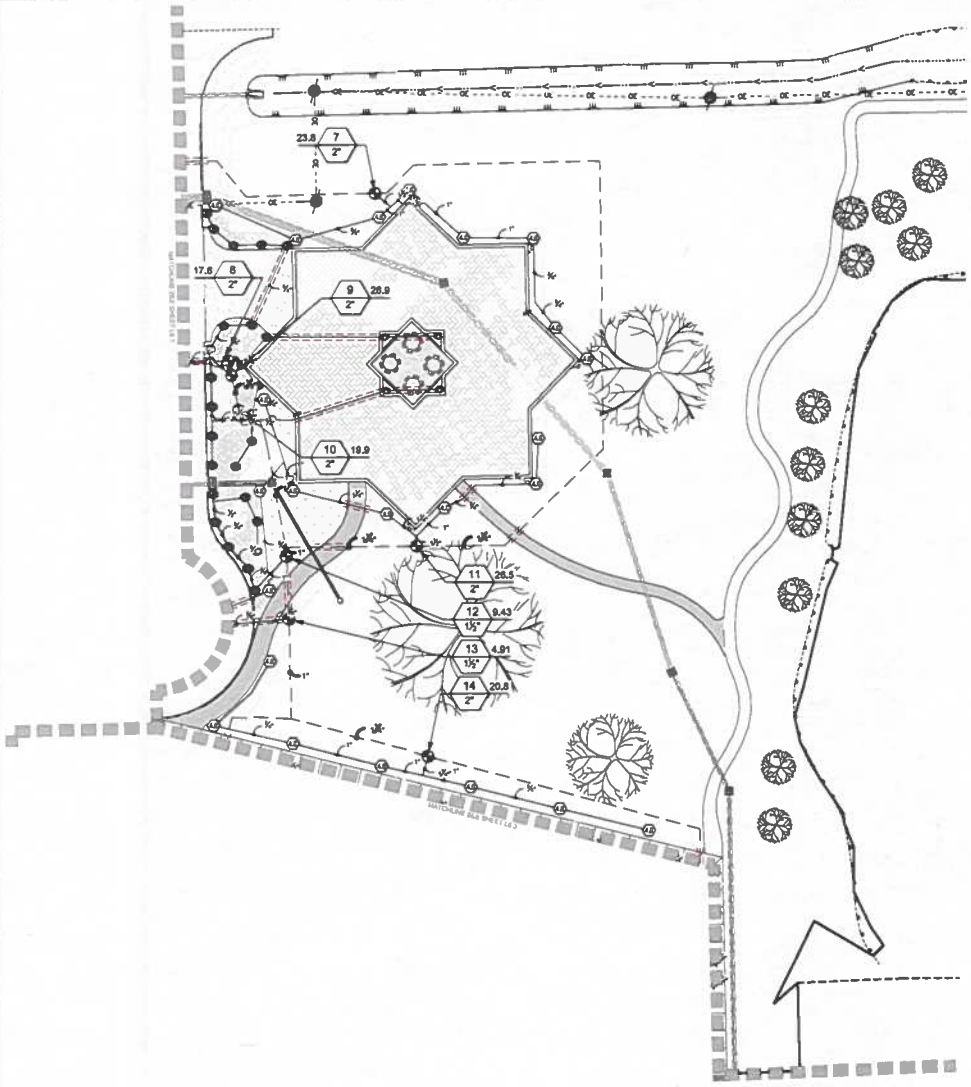
Description: LOCATED IN SECTION 16, TOWNSHIP 8 SOUTH, RANGE 3 EAST, NORTH DAVIS HILL ROAD, GONZALES, LA 70737, ASCENSION PARISH, LOUISIANA.

DWG Path: P:\21-224 Rajah\L6-21 - Rajah Pdf Surface Base Modification Improvements\ - (R) Landscapes\L6-21-13.dwg

QUALITY Engineering & Surveying, LLC
13000 Hwy 44 Gonzales, LA 70737
225.621.8100 | www.qualitycivil.com

Stamp: STATE OF LOUISIANA REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT 6/20/24

Drawn By:	TT
Date:	FEBRUARY 2024
Project No.:	21-224
Sheet:	L6.1



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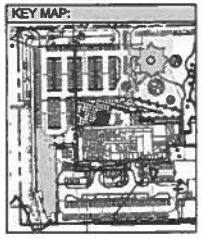

SCALE: 1"=20'

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
15T	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
10-15-ADJ 10-15-ADJ 10-15-ADJ 10-15-ADJ	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
5ST 15S RCS CST 8ST	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
8ST	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.	158	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
0.75	Rain Bird 3504-PC 0.75 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	5	2/L6.6
2.0	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	18	2/L6.6
4.0	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
BP	Febco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1	4/L6.6
C	Rain Bird ESPRLXME 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	4,824 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 Size

Valve Flow

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 S NORTHEST ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
615 S NORTHEST ST
GONZALES, LA 70737

Title: LANDSCAPE IRRIGATION PLAN

Description: LOCATED IN SECTION 50, TWP 9 SOUTH, RANGE 5 EAST, SOUTHEASTERN DISTRICT OF SOUTH, RANGE 5 EAST, ASCENSION PARISH, LOUISIANA

DWG Path: P:\21-224 Parish\L6.2dwg

QUALITY Engineering & Surveying, LLC
[illegible]

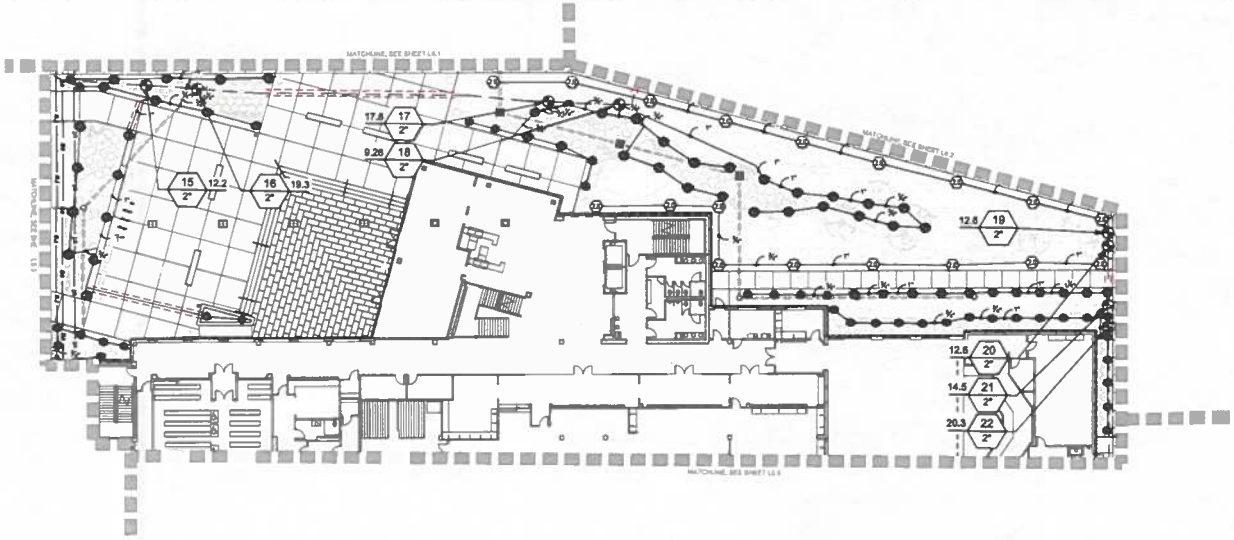
Seal: STATE OF LOUISIANA REGISTERED LANDSCAPE ARCHITECT

Drawn By: TT

Date: FEBRUARY 2024

Project No.: 21-224

Sheet: L6.2



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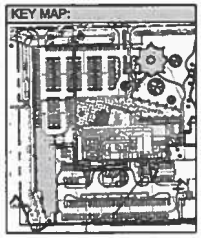

SCALE: 1"=20'

N

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
15T	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
16T 16-H-ARC 16-F-ARC	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
15S 15F 15CS 15SS	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
25T	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

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24	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	18	2/L6.6
42	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
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C	Rain Bird ESP8LXME with (03) ESPLXMSM12 44 Station Commercial Controller. Mounted on a Plastic Wall Mount. Without flow sensing.	1	5/L6.6
RS	Rain Bird WR2-RFS Wireless Rain/Freeze Sensor.	1	
	Irrigation Lateral Line: PVC Class 200 SDR 21	4,924 Lf.	7/L6.6
	Irrigation Mainline: PVC Schedule 40	2,748 Lf.	6/L6.6
	Pipe Sleeve: PVC Schedule 40	1,014 Lf.	1/L6.7

Valve Callout

BID ALTERNATE 1:

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

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Client: ASCENSION PARISH
42.5 SOUTHEAST ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
42.5 SOUTHEAST ST
GONZALES, LA 70737

Title: LANDSCAPE IRRIGATION PLAN

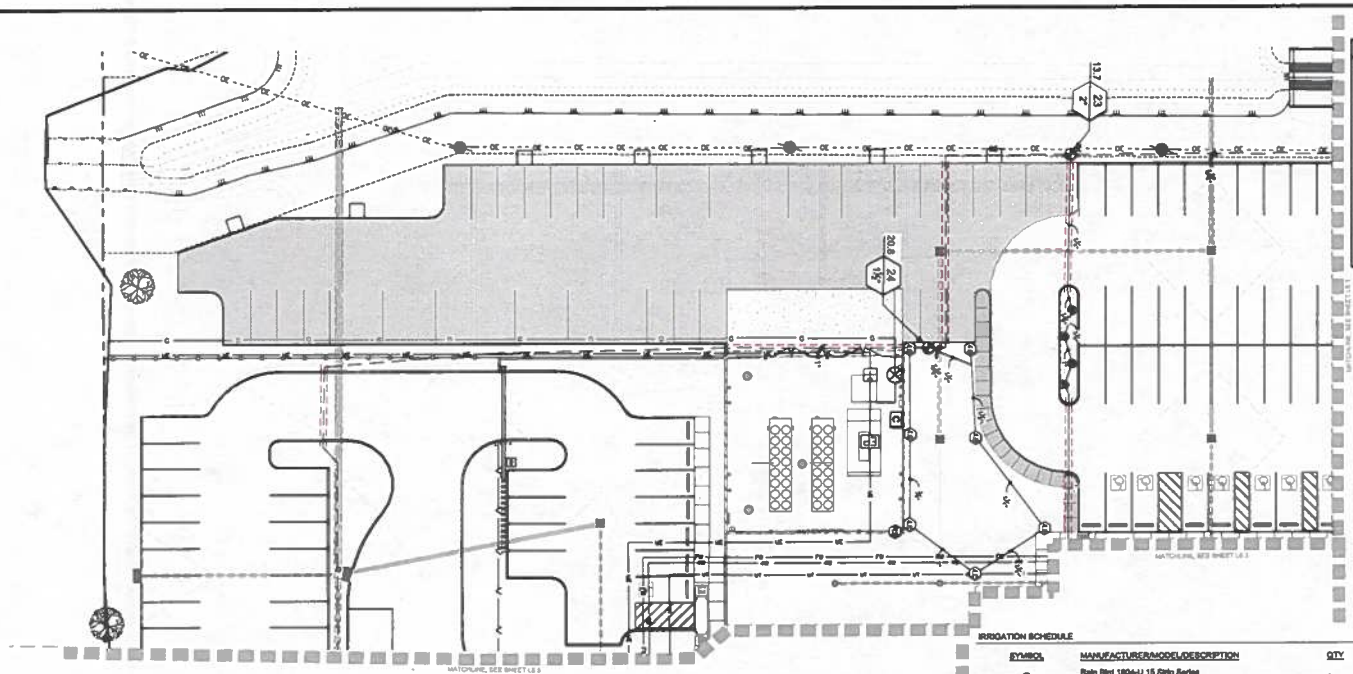
Description: LOCATED IN SECTION 36, TOWNSHIP 9 SOUTH, RANGE 2 EAST, SOUTHEASTERN EAST OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Path: J:\L20 Night\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\21-224 L6.3.dwg

QUALITY Engineering & Surveying, LLC
10250 Jones Road, Gonzales, LA 70706
225.644.0000 | www.qualitysurveying.com

Stamp:

Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L6.3



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
EST	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
10'-0"x15' 10'-0"x15'	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
EST LCR RCR CST SST	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
SST	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
1.0	Rain Bird 3504-PC 0.75 Turf Rotor, 4.0" Pop-Up, Adjustable and Full Circle.	6	2/L6.6
2.0	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up, Adjustable and Full Circle.	18	2/L6.6
4.0	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.	34	3/L6.6
BP	Febco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1	4/L6.6
C	Rain Bird ESPSLXME with (03) ESPLXMSM12 44 Station Commercial Controller. Mounted on a Plastic Wall Mount. Without flow sensing.	1	5/L6.6
RS	Rain Bird WRD-RFS Wireless Rain/Freeze Sensor.	1	
	Irrigation Lateral Line: PVC Class 200 SDR 21	4,934 LF.	7/L6.6
	Irrigation Mainline: PVC Schedule 40	2,748 LF.	6/L6.6
	Pipe Sleeve: PVC Schedule 40	1,014 LF.	1/L6.7

Valve Callout
Valve Number
Valve Size
Valve Size

BID ALTERNATE 1:

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

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

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Client: ASCENSION PARISH
415 S WOODSIDE ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
415 S WOODSIDE ST
GONZALES, LA 70737

Title: LANDSCAPE IRRIGATION PLAN

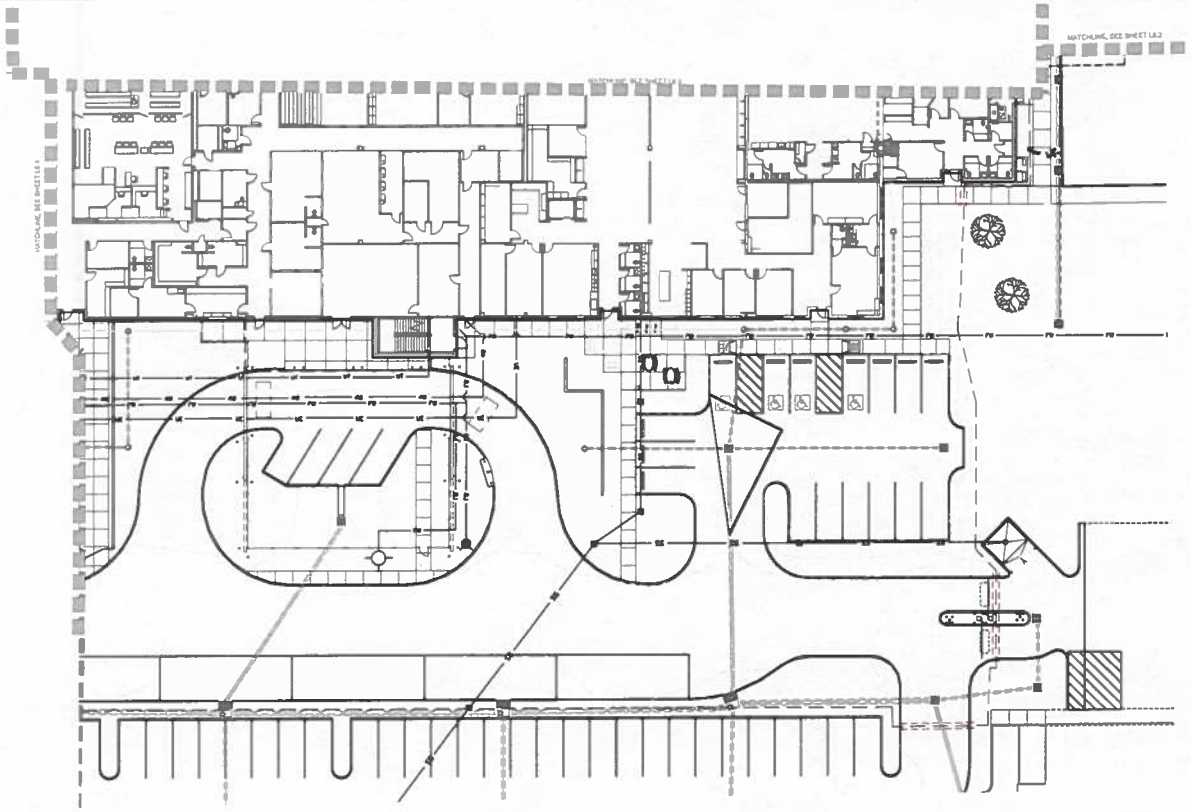
Description: LOCATED IN SECTION 16, TOWNSHIP 8 SOUTH, RANGE 3 EAST, SOUTHEASTERN LAND DISTRICT, WEST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Prefix: P:\21-224 Project\21-224 - Ascension Parish Courthouse Green Infrastructure Improvements\L6 - LS\L6.4 Irrigation.dwg

QUALITY Engineering & Surveying, LLC
14500 Perry St. Prairieville, LA 70769
(225) 673-8207 | www.qualityes.com | info@qualityes.com

Stamp: STATE OF LOUISIANA, JOSHUA T. TRUITT, III, 5-6-24

Drawn By:	TT
Date:	FEBRUARY 2024
Project No.:	21-224
Sheet:	L6.4



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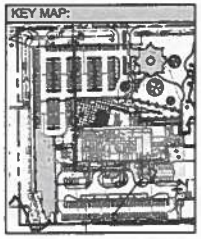

20 0 20 40

SCALE: 1"=20'

N

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
SST	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
SST LCS RCS CST SST	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/L6.8
SST	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.	136	1/L6.8
	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/L6.9
SYMBOL	**MANUFACTURER/MODEL/DESCRIPTION**	**QTY**	**DETAIL**
5.0	Rain Bird 3504-PC 0.75 Turf Rotor, 4.0" Pop-Up, Adjustable and Full Circle.	5	2/L6.6
2.0	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up, Adjustable and Full Circle.	18	2/L6.6
4.0	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**
PGA	Rain Bird PGA Globe 1", 1-1/2", 2" Electric Remote Control Valve, Globe.	24	3/L6.6
BP	Febco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1	4/L6.6
C	Rain Bird ESPSL3OME with (03) ESPLXM2M12 44 Station Commercial Controller. Mounted on a Plastic Wall Mount. Without flow sensing.	1	5/L6.6
RS	Rain Bird WR2-RFS Wireless Rain/Freeze Sensor.	1	
	Irrigation Lateral Line: PVC Class 200 SDR 21	4,934 LF.	7/L6.6
	Irrigation Mainline: PVC Schedule 40	2,748 LF.	6/L6.6
	Pipe Sleeve: PVC Schedule 40	1,014 LF.	1/L6.7

Valve Callout
Valve Number
Valve Flow
Valve Size

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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BID ALTERNATE 1:

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

Client: ASCENSION PARISH
414 S WORKSHOP ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
414 S WORKSHOP ST
GONZALES, LA 70737

Title: LANDSCAPE IRRIGATION PLAN

Description: LOCATED IN SECTION 28, TOWNSHIP 8 SOUTH, RANGE 5 EAST, SOUTHEASTERN LAND DISTRICT, WEST OF THE RIVER, ASCENSION PARISH, LOUISIANA

DWG Path: F:\CSD Projects\21-24 - Ascension Parish Courthouse Green Infrastructure Improvements\1 - LA\Landscape\L6.5 - IRRIGATION.dwg

QUALITY Engineering & Surveying, LLC
10000 Perkins Rd Baton Rouge, LA 70810
(225) 293-8300 | www.qualityeng.com

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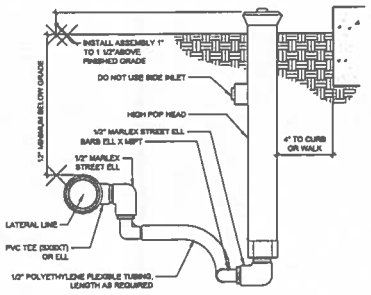
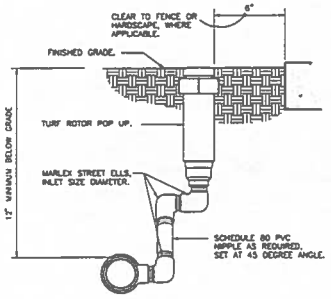
Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L6.5



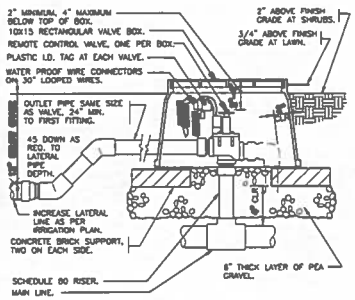
1 SHRUB SPRAY HIGHPOP W/FLEX ASSEMBLY

3" = 1'-0" FX-IR-FX-HEAD-06



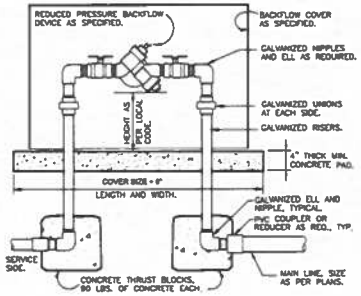
2 TURN ROTOR MARLEX ASSEMBLY

3" = 1'-0" FX-IR-FX-HEAD-06



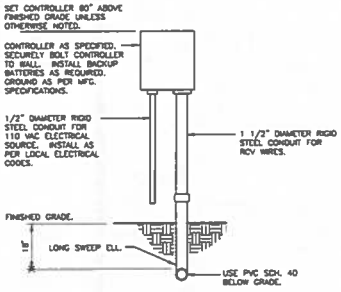
3 ELECTRIC REMOTE CONTROL VALVE

1 1/2" = 1'-0" FX-IR-FX-RCV-04



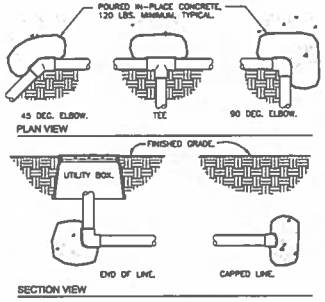
4 RP BACKFLOW W/ENCLOSURE

1" = 1'-0" FX-IR-FX-BACK-08



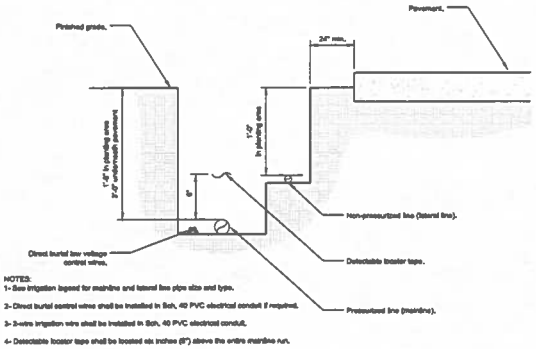
5 WALL MOUNT CONTROLLER

1" = 1'-0" FX-IR-FX-CONT-07



6 THRUST BLOCKING

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



NOTES:

1- See irrigation legend for mainline and lateral line pipe size and type.

2- Direct burial control wires shall be installed in Sch. 40 PVC electrical conduit if required.

3- 3-wire irrigation wire shall be installed in Sch. 40 PVC electrical conduit.

4- Detectable locator tape shall be located six inches (6") above the entire mainline run.

7 IRRIGATION TRENCHING

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

CRITICAL ANALYSIS

Generated:	2022-08-21 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:	2.86 PSI
Fittings Loss:	0.27 PSI
Elevation Loss:	0 PSI
Loss through Valve:	2.23 PSI
Pressure Req. at Critical Station:	34.86 PSI
Loss for Fittings:	1.21 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:	6.82 PSI
Critical Station Pressure at POC:	70.76 PSI
Pressure Available:	72 PSI
Residual Pressure Available:	1.24 PSI

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	40.8	80.3	78.5	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	162.7	27.0	25.8	38.2	31.0				770.0	20	1.8	1.2	23.1	39.2	2.26 in/h
3	Rain Bird PGA Globe	1"	Shrub Spray	5.88	4	84.1								580.8	20	1.3	0.8	28.9	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	56.8	74.7		130.1	336.5	20	1.8	1.5	23.4	64.8	2.2 in/h
6	Rain Bird PGA Globe	1-1/2"	Shrub Spray	8.82	6	67.1	27.8							355.5	20	2.0	1.8	23.8	37.8	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				808.7	25	1.8	1.2	28.0	48.2	0.8 in/h
8	Rain Bird PGA Globe	2"	Shrub Spray	17.64	12	31.8	17.9	26.5	47.1					611.5	20	2.0	1.2	23.1	44.2	2.83 in/h
9	Rain Bird PGA Globe	2"	Shrub Spray	26.46	18	104.7	21.8	10.2	60.0	23.8	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	6.8	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	38.1	48.0	3.3				783.8	25	2.2	1.2	28.4	56.2	0.86 in/h
12	Rain Bird PGA Globe	1-1/2"	Shrub Spray	8.43	8	42.8	27.2	16.9						726.4	20	1.8	1.8	23.7	36.3	1.62 in/h
13	Rain Bird PGA Globe	1-1/2"	Shrub Spray	4.91	6	46.4	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	80.4	62.5	8.7					728.1	25	1.9	1.2	28.1	52.8	0.65 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	39.8	1.24 in/h
16	Rain Bird PGA Globe	2"	Shrub Spray	18.31	10	113.5	27.5		4.2					484.2	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		2.8					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	36.3	49.5	82.0						638.0	20	1.8	1.2	23.1	37.7	1.19 in/h
19	Rain Bird PGA Globe	2"	Turf Rotor	12.6	9	54.7	83.7	81.2	31.2					844.0	25	2.4	1.2	28.8	47.1	0.44 in/h
20	Rain Bird PGA Globe	2"	Turf Rotor	12.6	9	41.9	46.8	105.8	7.8					848.4	25	2.4	1.2	28.8	47.2	0.58 in/h
21	Rain Bird PGA Globe	2"	Turf Spray	14.63	16	18.0	25.2	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	16	94.0	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	13.89	12	53.4	2.0	78.8	64.4					211.0	20	1.9	1.2	23.1	46.1	1.8 in/h
24	Rain Bird PGA Globe	1-1/2"	Turf Rotor	20.79	7	37.7	30.8	30.8	71.1	40.0				86.8	25	2.4	1.9	29.3	68.2	0.9 in/h
	Common Wire						2,748													

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BID ALTERNATE 1:

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

Client: ASCENSION PARISH
414 S WORCESTER ST GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
414 S WORCESTER ST GONZALES, LA 70737

Title: IRRIGATION DETAILS & SCHEDULES

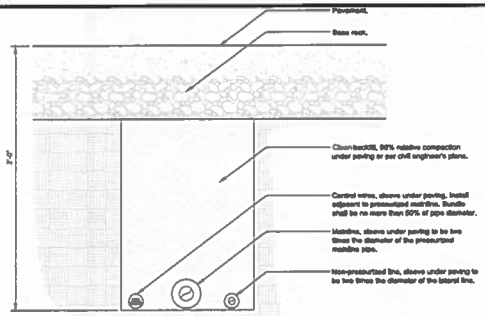
Description: SECTION 16, TOWNSHIP 8 SOUTH, RANGE 3 EAST, SOUTHEASTERN BAY OF WATER, MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA.

DWG Path: J:\L-20 Projects\L-24 - Ascension Parish Courthouse Green Infrastructure Improvements\ - L6_Irrigation\L6.6-IR-DETAILS.dwg

QUALITY Engineering & Surveying, LLC
10550 Jeanne Dr. Prairieville, LA 70769
(225) 673-7000 | www.qualitycivil.com

Stamp: STATE OF LOUISIANA JOHNNY T. TRUONG III 36 PE PE LICENSED PROFESSIONAL ENGINEER 8/20/24

Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L6.6

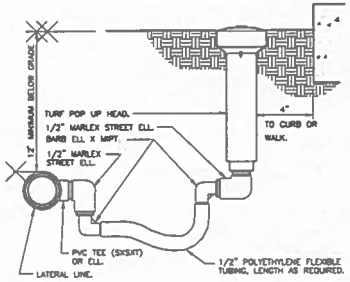


Notes:
1- See irrigation legend for mainline size and type.
2- All sleeves shall be Sch. 40 PVC pipe.
3- All sleeves shall extend 12" beyond the edge of pavement.
4- End of sleeves shall be located with a wooden stake or PVC pipe. Location shall run continuously from the end of the sleeve to finished grade.

1 PIPE BENEATH PAVEMENT

1 1/2" = 1'-0"

FX-IR-FX-AUXEQ-05



2 TURF SPRAY FLEX ASSEMBLY

3" = 1'-0"

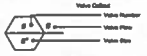
FX-IR-FX-HEAD-05

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
SST	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
90-45-HWV 90-45-HWV 90-45-HWV 90-45-HWV	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
SST LCS RCS CST SST	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
SST	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
17	Rain Bird 3804-PC 0.75 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	5	25	0.54	18'
12	Rain Bird 3504-PC 2.0 Turf Rotor, 4.0" Pop-Up. Adjustable and Full Circle.	18	25	1.4	27'
4.0	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
BP	Febco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1
C	Rain Bird ESP8LXME with (53) ESPLXMSM12 44 Station Commercial Controller. Mounted on a Plastic Wall Mount. Without Sow sensing.	1
S	Rain Bird WR2-RFS Wireless Rain/Freeze Sensor.	1
	Irrigation Lateral Line: PVC Class 200 SDR 21	4,824 Lf.
	Irrigation Mainline: PVC Schedule 40	2,748 Lf.
	Pipe Sleeve: PVC Schedule 40	1,014 Lf.



GENERAL IRRIGATION NOTES:

1. ALL PLANTING AND SOD AREAS SHOWN ON PLANS SHALL BE IRRIGATED FOR COMPLETE COVERAGE.
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.
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.
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.
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.
6. CONTRACTOR SHALL CLEARLY MARK ALL EXPOSED EXCAVATIONS, MATERIALS AND EQUIPMENT, COVER ALL BARRICADE TRENCHES WHEN CONTRACTOR IS NOT ON SITE.
7. CONTRACTOR SHALL INSTALL 1.5" WATER METER FOR THE IRRIGATION SYSTEM AS PART OF THIS CONTRACT.
8. CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR CONTROLLER LOCATION. CONTROLLER SHALL BE CONNECTED TO AVAILABLE POWER AS PART OF THIS CONTRACT.
9. CONTRACTOR TO PROVIDE COMPLETE AS-BUILT DOCUMENTS.
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.

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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Client: ASCENSION PARISH
615 S SOORSBY ST
GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
615 S SOORSBY ST
GONZALES, LA 70737

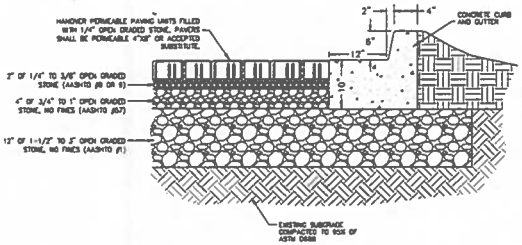
Title: IRRIGATION DETAILS & SCHEDULES

Description: LOCATED IN SECTION 23, TOWNSHIP 9 SOUTH, RANGE 3 EAST, SOUTHERN DISTRICT, LAND DISTRICT, WEST, ASCENSION PARISH, LOUISIANA

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

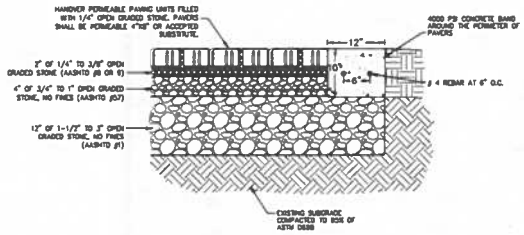
QUALITY Engineering & Surveying, LLC
[illegible]

Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L6.7



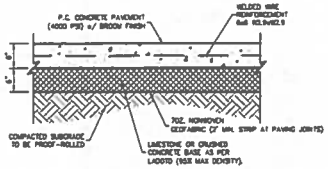
1 | PAVER DETAIL

SCALE: N.T.S.



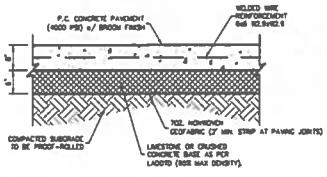
2 | PAVER DETAIL

SCALE: N.T.S.



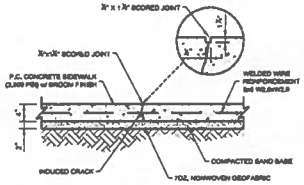
3 | 6" P.C. CONCRETE PAVEMENT SECTION

SCALE: N.T.S.



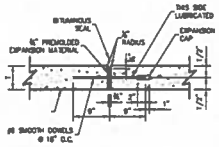
4 | 6" P.C. CONCRETE PAVEMENT SECTION
MEDIUM DUTY AREA

SCALE: N.T.S.



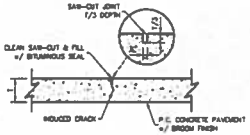
5 | 4" P.C. CONCRETE SIDEWALK SECTION
w/ TYPICAL DUMMY (CONTROL JOINT)

SCALE: N.T.S.



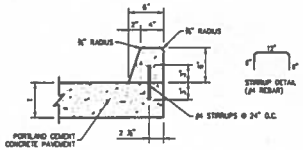
6 | TYPICAL EXPANSION JOINT "E"
P.C. CONCRETE PAVEMENT

SCALE: N.T.S.



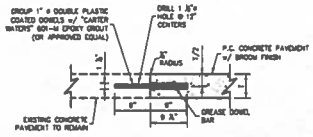
7 | TYPICAL CONTRACTION JOINT
P.C. CONCRETE PAVEMENT

SCALE: N.T.S.



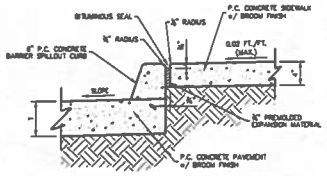
8 | 6" P.C. CONCRETE BARRIER CURB
P.C. CONCRETE PAVEMENT

SCALE: N.T.S.



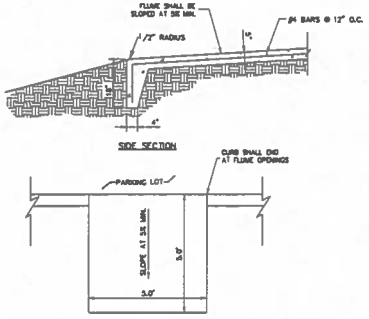
9 | TYPICAL TIE TO EXISTING CONCRETE PAVEMENT
P.C. CONCRETE PAVEMENT

SCALE: N.T.S.



10 | TYPICAL SECTION
4" SIDEWALK / SPILLOUT CURB
6" BARRIER SPILLOUT CURB

SCALE: N.T.S.



11 | CONCRETE FLUME

SCALE: N.T.S.

RELIANCE FOUNDRY R-7570 DECORATIVE BOLLARD

CONTACT: www.reliance-foundry.com
1-877-798-3246

NOTE:
1. INSTALL PER MANUFACTURER'S SPECIFICATIONS
2. EMBED INTO PAVEMENT
3. POWDER COAT BLACK

ALTERNATIVE MANUFACTURERS:
1. VICTOR STANLEY
2. LANDSCAPE FORMS

12 | BOLLARD

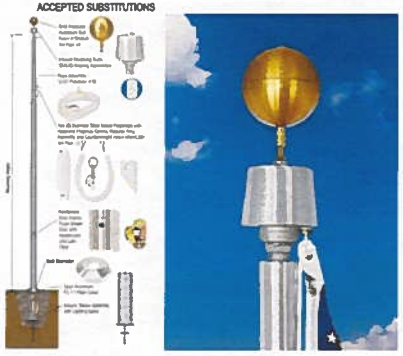
SCALE: N.T.S.

CONCORD AMERICAN FLAGPOLE - TITAN IWW INTERNAL HALYARD

COLOR/MATERIAL: SAT - SATIN ALUMINUM FINISH
ITEM NUMBERS: IWW45D12-SAT (QTY:1)
IWW35D82-SAT (QTY:2)

CONTACT: CODY VAUGHN
1.972.380.8186 Ext. 3114

NOTE:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. ALTERNATE MANUFACTURERS - CONTRACTOR TO SUBMIT FOR ANY ACCEPTED SUBSTITUTIONS



13 | FLAGPOLE

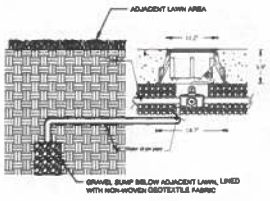
SCALE: N.T.S.

WIKA LIGHTING - IN GRADE LIGHTING FIXTURE

PRODUCT INFO: LIGMAN - UKI 60781 N KELVIN VOLT (QTY:9)

CONTACT: MICHAEL ROSENTHAL
(225) 236-3319

NOTES:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. IP 67, IK10 vandal resistant, 3160 lumens, Narrow 16 degree beam in grade fixture with 10 degree tilt optics and 360 degree rotatable module. Frame shall be Marine grade 6060 extruded aluminum, UV stabilized 4.5MS think powder coat paint baked at 200 C and be equipped with a 10kv surge suppressor. See install drawings for proper water drainage.
3. ALTERNATE MANUFACTURERS - CONTRACTOR TO SUBMIT FOR ANY ACCEPTED SUBSTITUTIONS



14 | IN-GRADE UP LIGHT

SCALE: N.T.S.

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414 E NORTHSIDE ST GONZALES, LA 70737

Project: ASCENSION PARISH COURTHOUSE GREEN INFRASTRUCTURE IMPROVEMENTS
414 E NORTHSIDE ST GONZALES, LA 70737

Title: SITE DETAILS

Description: LOCATED IN SECTION 33, TOWNSHIP 8 SOUTH, RANGE 3 EAST, SOUTHEASTERN DIST OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Prefix: P-1-203 Project/Sub-Dir - Acadia Public Gardens Sign Installation Improvements - LFG_Design/Sub-Dir-24.17.17.dwg

QUALITY Engineering & Surveying, LLC
10000 Jones Rd Gonzales, LA 70737
(225) 621-1000 Transportation Infrastructure

Drawn By: TT
Date: FEBRUARY 2024
Project No.: 21-224
Sheet: L7.1