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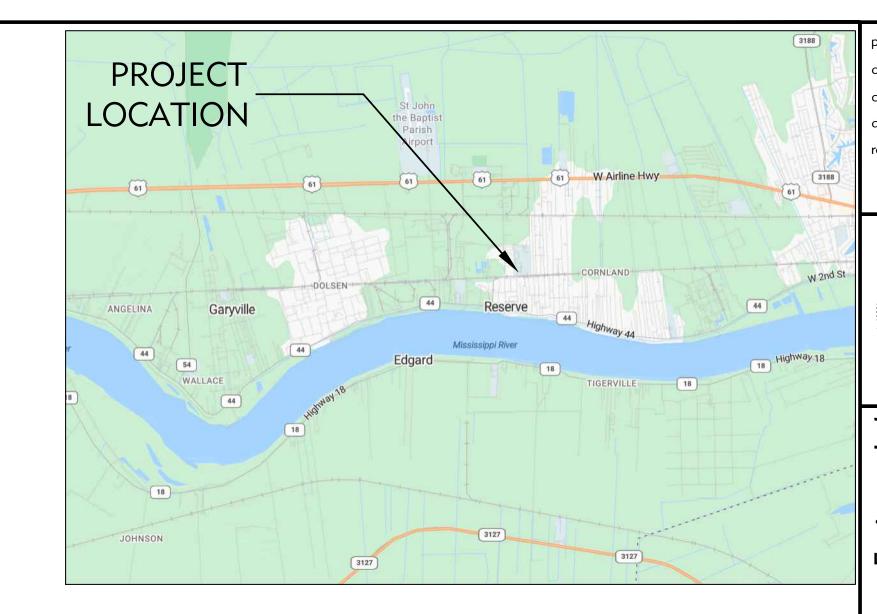
REGALA PARK FLAG FOOTBALL FIELD

ST. JOHN THE BAPTIST PARISH, LOUISIANA A/E PROJECT NO. 24-1130-0049
BID NO. 2025.16



VICINITY MAP





LOCATION MAP



ALA PARK FLAG FOOTBALL FIELD
ALA PARK
OHN THE RAPTIST PARISH OWNER

sheet no.

of _____ sh

ST. JOHN THE BAPTIST PARISH

JACLYN HOTARD - PARISH PRESIDENT

PETER MONTZ - CHIEF ADMINISTRATIVE OFFICER

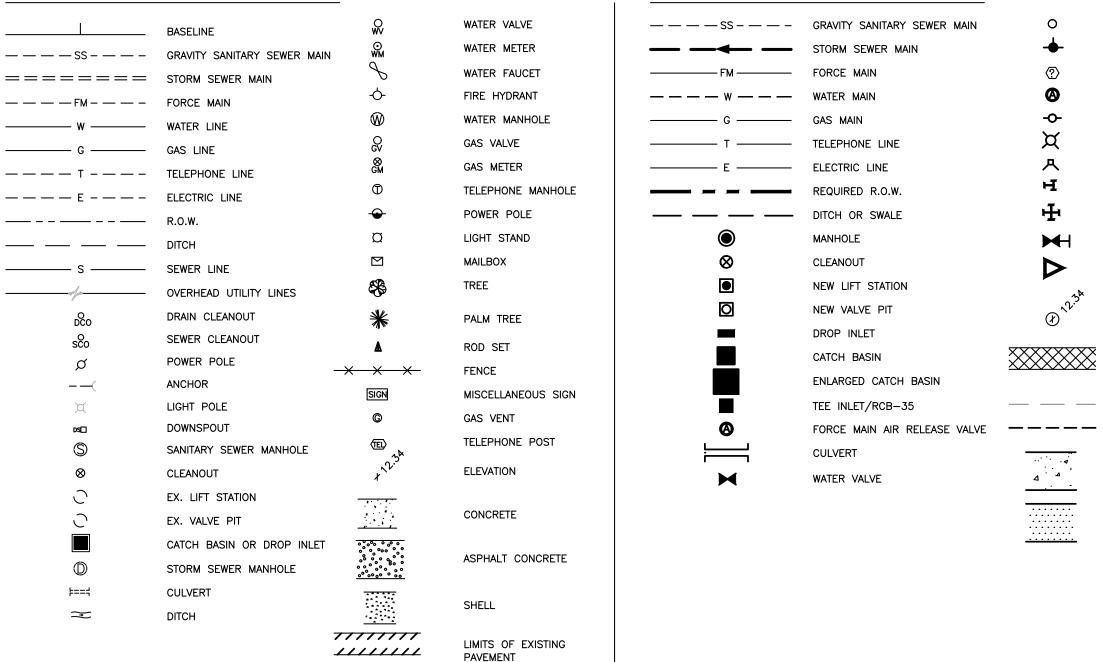
COUNCIL MEMBERS

LENNIX MADERE JR, DIVISION A COUNCILMAN
MICHAEL P. WRIGHT, DIVISION B COUNCILMAN
VIRGIE JARROW JOHNSON, DISTRICT 1 COUNCILWOMAN
WARREN "BOSCO" TORRES, DISTRICT 2 COUNCILMAN
TAMMY HOUSTON, DISTRICT 3 COUNCILWOMAN
TYRA DUHE-GRIFFIN, DISTRICT 4 COUNCILWOMAN
ROBERT ARCURI, DISTRICT 5 COUNCILMAN
VERNON BAILEY SR, DISTRICT 6 COUNCILMAN
DIXIE RAMIREZ, DISTRICT 7 COUNCILWOMAN

GENERAL NOTES

- 1. ALL ELEVATIONS REFER TO NAVD
- CONTRACTOR SHALL PROTECT ADJACENT PROPERTY AND IMPROVEMENTS FROM DAMAGE AND REPLACE ANY PORTIONS DAMAGED THROUGH HIS OPERATION AT HIS OWN COST. ALL REPAIR WORK SHALL BE SUBJECT TO THE APPROVAL OF THE A/E.
- CONTRACTOR SHALL NOT DAMAGE TREES. IF DAMAGED, CONTRACTOR SHALL REPLACE AT HIS OWN COST. CONTRACTOR SHALL USE A CHAIN SAW TO CUT ROOTS OF TREES EXPOSED DURING EXCAVATION. CONTRACTOR SHALL NOT BREAK ROOTS BY PULLING THEM WITH DIGGING MACHINES. ROOT AND BRANCH PROTECTANT SHALL BE SPRAYED OR PAINTED ON BRANCHES OR ROOTS WHICH HAVE BEEN CUT.
- PROTECT ALL EXISTING TREES, PLANTING AND LAWNS FROM DAMAGE. ALL STREET SIGNS, FENCES, SHRUBBERY, ETC. RELOCATED DURING CONSTRUCTION SHALL BE RETURNED TO THEIR ORIGINAL LOCATION AND IN ORIGINAL
- CONTRACTOR SHALL MAKE PROVISIONS TO PROTECT EXISTING UTILITIES WHEN EXCAVATING IN THE AREA OF CONSTRUCTION SO AS NOT TO DAMAGE OR DISRUPT THESE UTILITIES. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES PRIOR TO EXCAVATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN SERVICES, SUPPLYING MATERIALS, AND LABOR NECESSARY TO PROVIDE SHEETING, SHORING AND BRACING OR SUPPORTS AS REQUIRED TO PROVIDE A SAFE WORKING CONDITION FOR CONTRACTOR'S PERSONNEL AND TO PROVIDE FOR PROTECTION OF UTILITIES, BUILDINGS, LEVEES, AND STRUCTURES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THESE REQUIREMENTS
- ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE SEEDED AND FERTILIZED. WATER AREA IMMEDIATELY. ALL GRASS AREAS SHALL BE MAINTAINED CUT DURING CONSTRUCTION.
- 8. CONTRACTOR SHALL REGRADE ALL AREAS AFFECTED BY CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE. WORK SHALL BE IN A WORKMAN LIKE MANNER AND IN ACCORDANCE WITH A/F REQUIREMENTS. IF CONTRACTOR DETERMINES THAT ANY AREAS AFFECTED BY CONSTRUCTION CANNOT BE REGRADED TO DRAIN. CONTRACTOR SHALL DOCUMENT (I.E., TAKE ELEVATIONS, PICTURES, ETC.) EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STABILIZING THE EXISTING BASE COURSE UNDER NEW PAVEMENT BEYOND THE EXCAVATION LIMIT OF TRENCH. NO DIRECT PAYMENT SHALL BE MADE FOR ADDITIONAL GRANULAR MATERIAL OR BASE MATERIAL UNLESS OTHERWISE APPROVED BY THE A/E.
- 10. CONTRACTOR SHALL AT ALL TIMES CONDUCT HIS OPERATIONS AS TO INSURE THE LEAST INCONVENIENCE TO THE GENERAL PUBLIC AND ADJACENT PROPERTY OWNERS. CONTRACTOR SHALL NOT BLOCK ACCESS TO ALL OTHER AREAS NOT BEING CONSTRUCTED.
- 11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH THE APPROPRIATE UTILITY COMPANY FOR THE CONSTRUCTION, CONNECTION, RELOCATION OR REMOVAL OF ANY AND ALL UTILITIES REQUIRED FOR THIS PROJECT INCLUDING BUT NOT LIMITED TO ELECTRIC POWER, WATER, SEWER, DRAINAGE, GAS, TELEPHONE, CABLE TELEVISION, SATELLITE TELEVISION, CLOSED CIRCUIT TELEVISION, INTERNET, AND ANY OTHER UTILITY REQUIRED FOR THIS PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING FOR ALL CONSTRUCTION, CONNECTION, RELOCATION OR REMOVAL COST AND ANY AND ALL PERMITS AND FEES ASSOCIATED WITH THE CONSTRUCTION, CONNECTION, RELOCATION OR REMOVAL OF ANY UTILITY REQUIRED FOR THIS PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH THE APPROPRIATE UTILITY COMPANY FOR THE CONSTRUCTION, CONNECTION, RELOCATION AND REMOVAL OF ANY ELECTRIC POWER POLES, WATER LINES, SEWER LINES, DRAINAGE LINES, GAS LINES, TELEPHONE POLES, UTILITY POLES, TELEPHONE LINES, CABLE TELEVISION LINES, INTERNET LINES AND ANY OTHER UTILITY REQUIRED FOR THIS PROJECT.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE DIRECTLY WITH THE APPROPRIATE UTILITY COMPANIES TO HAVE THE UTILITIES RELOCATED AND/OR DISRUPTED.
- CONTRACTOR SHALL ADEQUATELY BRACE UTILITY POLES ADJACENT TO THE WORK. BRACING SHALL REMAIN IN PLACE AFTER BACKFILLING UNTIL COMPACTION STANDARDS HAVE BEEN MET. COMPLETE WORK PROMPTLY
- ONCE EXCAVATION HAS BEGUN ADJACENT TO THE POLES. CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES OR DEPARTMENTS LISTED BELOW PRIOR TO COMMENCEMENT OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE IF THERE ARE ANY OTHER UTILITIES IN THE AREA AND TO CONTACT THE APPROPRIATE UTILITY COMPANY:
 - LOUISIANA ONE CALL
 - LOCAL ELECTRICAL COMPANY
 - LOCAL GAS COMPANY
 - LOCAL TELEPHONE COMPANY CABLE TELEVISION PROVIDER FOR THAT LOCATION
 - DEPARTMENT OF PUBLIC WORKS
 - PARISH AND OR CITY ENGINEERING DEPARTMENT PARISH AND OR RECREATION DEPARTMENT
- 12. CONTRACTOR SHALL COORDINATE AND PAY FOR THE DE-ENERGIZING AND RE-ENERGIZING OF POWER LINES FOR CONSTRUCTION PURPOSES AS REQUIRED BY LOCAL, STATE, AND FEDERAL AGENCIES.
- 13. CONTRACTOR SHALL CONTACT UTILITY COMPANIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 14. CONTRACTOR SHALL NOTIFY THOSE AFFECTED BY CONSTRUCTION 24 HOURS PRIOR TO DISRUPTION OF WATER. SEWER OR OTHER UTILITY SERVICE. UTILITY SERVICES SHALL BE PROMPTLY REPAIRED AND NOT REMAIN OUT OF
- 15. THE EXISTING SITE HAS BEEN DRAWN FROM LIMITED FIELD MEASUREMENTS, INFORMATION PROVIDED BY THE OWNER AND OBSERVATIONS. BIDDERS AND SUCCESSFUL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO SUBMITTING BID AND AGAIN PRIOR TO EXECUTION OF THE WORK.
- 16. THE CONTRACTOR SHALL NOT SPLIT THE SET OF CONSTRUCTION DOCUMENTS TO DISTRIBUTE TO THEIR SUBCONTRACTORS. THE DOCUMENTS PROVIDED FOR CONSTRUCTION ARE TO REMAIN A COMPLETE SET OF DOCUMENTS AND ARE TO BE USED FOR CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND PERFORM ANY WORK SHOWN ON ANY SHEET OF THE DOCUMENTS REGARDLESS OF WHERE IT IS SHOWN. IF THERE IS CONFLICTING INFORMATION IN THE DOCUMENTS THEN THE MORE STRINGENT OF THE REQUIREMENTS SHALL BE REQUIRED.
- 17. CONTRACTORS ARE ADVISED THAT THE A/E SHALL NOT ISSUE TO HIM OR ANY OF HIS SUBCONTRACTORS THE AUTO CAD DRAWINGS FOR THIS PROJECT. ALL DRAWINGS REQUIRED BY THE CONTRACTOR OR ANY OF HIS SUBCONTRACTORS WILL HAVE TO BE DRAWN BY THE APPROPRIATE PARTY.
- 18. THE CONTRACTOR SHALL BE ALLOWED ACCESS TO THE SITE AT ALL TIMES.
- 19. ALL WORK MUST CONFORM TO THE REQUIREMENTS OF THE DEPARTMENTS OF INSPECTION AND CODE ENFORCEMENT, SAFETY AND PERMITS. LOUISIANA STATE FIRE MARSHAL'S OFFICES, PUBLIC UTILITIES, ACCOMPANYING PROJECT SPECIFICATIONS AND OTHER SUCH PARISH, STATE, OR FEDERAL STANDARDS THAT ARE APPLICABLE.
- 20. PROJECT OFFICE OR FIELD TRAILER: CONTRACTOR MAY PROVIDE A CONSTRUCTION FIELD OFFICE OR TRAILER FOR HIS USE.
- 21. STAGING AREA: CONTRACTOR SHALL STORE ALL HIS MATERIALS, SUPPLIES, AND EQUIPMENT IN THE STAGING AREA. CONTRACTOR SHALL PROTECT HIS STAGING AREA WITH TEMPORARY FENCING AS HE DEEMS NECESSARY AGAINST THEFT AND VANDALISM. OWNER SHALL NOT BE RESPONSIBLE FOR THEFT AND VANDALISM TO CONTRACTOR'S TRAILER OR ANY MATERIALS, SUPPLIES OR EQUIPMENT STORED ON IN THE STAGING AREA.
- 22. THE CONTRACTOR SHALL PROVIDE SELF-CONTAINED PORTABLE TOILET UNITS FOR USE BY HIS WORK FORCE. CONTRACTOR SHALL PROVIDE CLEAN COLD ICE WATER IN APPROVED WATER JUGS AND DRINKING CUPS FOR HIS WORK FORCE AT ALL TIMES WHEN WORK IS IN PROGRESS. ALL WORKMEN SHALL BE REQUIRED TO DISPLAY THEIR COMPANY IDENTIFICATION AT ALL TIMES WHEN THEY ARE WORKING AROUND THE BUILDING.
- 23. ONSITE PARKING FOR CONTRACTOR'S PERSONNEL SHALL BE PERMITTED BUT ONLY AT THE LOCATIONS APPROVED BY THE OWNER. THE CONTRACTOR SHALL NOT ALLOW ANY VEHICLES TO PARK AT ANY OTHER LOCATION ON THE PROJECT SITE.
- 24. DELIVERIES: VEHICLES DELIVERING MATERIALS, SUPPLIES AND EQUIPMENT FOR THE PROJECT SHALL BE ALLOWED ON THE SITE. CONTRACTOR SHALL UNLOAD MATERIALS AND EQUIPMENT IN A TIMELY MANNER AND THEN MOVE THE DELIVERY VEHICLE OFF
- 25. WASTE MATERIALS: DISPOSE OF REGULATED WASTE MATERIALS OFF SITE, IN A LEGAL MANNER AND IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS, CODES, ORDINANCES AND REGULATIONS. ALL OTHER WASTE MATERIALS SHALL BE DISPOSED OF IN A TRASH DUMPSTER THAT IS PROVIDED BY AND PAID FOR BY THE GENERAL CONTRACTOR. LOCATE TRASH DUMPSTER AS DIRECTED BY OWNER.
- 26. CONTRACTORS ARE REQUIRED TO RESEARCH LOCAL NOISE LAWS, CODES AND ORDINANCES ALLOWED AND TIMES ALLOWED.
- 27. OTHER PORTIONS OF THE PROJECT SITE ARE NOT TO BE DISTURBED SUCH AS PARKING LOTS, LANDSCAPE AREAS AND LAWN AREAS. DO NOT ALLOW TRASH AND CONSTRUCTION DEBRIS TO ACCUMULATE AROUND THE PROJECT SITE. REPAIR ALL DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS. TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE BUILDING AND ITS OCCUPANTS DURING THE WORK.
- 28. WORK HOURS: WORK HOURS FOR THIS PROJECT SHALL BE AT DURING DAYLIGHT HOURS. WORK ON THE WEEKENDS AND HOLIDAYS SHALL BE AT THE CONTRACTOR'S OPTION AND WITH WRITTEN PERMISSION FROM THE OWNER. OFF HOURS WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
- 29. CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE A/E TEN (10) DAYS AFTER RECEIPT OF NOTICE OF AWARD. CONTRACTOR SHALL SUBMIT A REVISED CONSTRUCTION SCHEDULE AT THE PRE-CONSTRUCTION CONFERENCE. CONTRACTOR SHALL SUBMIT REVISED CONSTRUCTION SCHEDULES TO THE A/E MONTHLY THEREAFTER.
- 30. NO SMOKING. SMOKING IS NOT PERMITTED ANYWHERE ON THE SITE, INCLUDING THE CONTRACTOR'S FIELD OFFICE (TRAILER).
- 31. DRUGS, ALCOHOL AND FIRE ARMS ARE NOT ALLOWED ANYWHERE ON THE SITE.
- 32. WORKMEN SHALL AT ALL TIMES BE APPROPRIATELY DRESSED. SHIRTS AND SHOES SHALL BE WORN AT ALL TIMES. PANTS SHALL NOT BE WORN BELOW THE WAIST LINE. SHIRTS MAY NOT HAVE ANY VULGAR REFERENCES. ALCOHOLIC ADVERTISEMENTS. TOBACCO ADVERTISEMENTS OR REFERENCES TO DRUGS.

LEGEND OF SYMBOLS (EXISTING)



33. ALL WORKMEN ARE TO CONDUCT THEMSELVES IN A PROFESSIONAL MANNER AT ALL TIMES AND THAT ANY WORKMAN MAKING CAT CALLS OR WOLF WHISTLES WILL BE IMMEDIATELY ESCORTED OFF THE PROJECT SITE PERMANENTLY.

LEGEND OF SYMBOLS (NEW)

- 34. AT ANY TIME WORK IS IN PROGRESS THE CONTRACTOR SHALL HAVE A FOREMAN OR SUPERINTENDENT ON SITE DIRECTING THE WORK. THE CONTRACTOR'S FOREMAN OR SUPERINTENDENT SHALL CHECK IN DAILY WITH THE OWNER'S ON SITE REPRESENTATIVE AND GIVE THE OWNER'S REPRESENTATIVE HIS MOBILE PHONE NUMBER. THE CONTRACTOR'S FOREMAN OR SUPERINTENDENT SHALL ALSO GIVE A LIST OF NAMES TO THE OWNER'S ON SITE REPRESENTATIVE A LIST OF NAMES OF THE WORKMEN THAT WILL BE WORKING ON THE SITE THAT DAY.
- 35. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING FOR THE DURATION OF THE PROJECT. CONSTRUCT AND MAINTAIN FENCING AND BARRICADES SUFFICIENT TO PREVENT INJURY TO PERSONS AND DAMAGE TO PROPERTY IN ACCORDANCE WITH ALL SAFETY LAWS AND REQUIREMENTS. PROVIDE FENCING TO EXCLUDE UNAUTHORIZED VISITORS FROM THE SITE. THE TYPE OF PROTECTION FENCING IS TO BE DETERMINED BY THE CONTRACTOR; HOWEVER, IT WAS NOTED THAT CAUTION TAPE OR A SINGLE CHAIN WOULD NOT BE SUFFICIENT.
- 36. THE A/E WILL NOT MAKE COLOR OR MATERIAL SELECTIONS ON INDIVIDUAL PRODUCTS SUBMITTED FOR REVIEW BUT WILL MAKE ALL COLOR AND MATERIAL SELECTIONS AT ONE TIME AFTER HE HAS RECEIVED ALL ITEMS THAT REQUIRE A COLOR AND MATERIAL SELECTION. SAMPLES THAT REQUIRE A COLOR AND/OR MATERIAL SELECTION SHALL BE SUBMITTED TO THE A/E AS SOON AS POSSIBLE SO THAT HE, TOGETHER WITH THE OWNER, MAY COORDINATE ALL COLORS AND MATERIALS OF THE ENTIRE BUILDING AT ONE TIME. NO EXTRA TIME WILL BE GIVEN TO THE CONTRACTOR FOR DELAYS CAUSED BY HIS OFFICE NOT SUBMITTING COLORS AND MATERIALS TO THE A/E IN A TIMELY MANNER.
- 37. EXISTING UTILITY LOCATIONS SHALL BE FIELD VERIFIED. CONTRACTOR SHALL MAKE PROVISIONS TO PROTECT EXISTING UTILITIES SO AS NOT TO DAMAGE OR DISRUPT THESE UTILITIES. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES PRIOR TO STARTING
- 38. PROPERTY LINE, RIGHTS OF WAY, AND OR SERVITUDES ARE THE LIMITS OF CONSTRUCTION, UNLESS OTHERWISE NOTED ON THE
- 39. CAVITIES OR TRENCHES LEFT BY WORK SHALL BE BACKFILLED WITH LIKE MATERIAL AND LEVELED TO ORIGINAL CONDITIONS. AREA SHALL BE SODDED AND FERTILIZED, WATER IMMEDIATELY.
- 40. CONTRACTOR SHALL PROVIDE TEMPORARY PEDESTRIAN ACCESS IF CONSTRUCTION BARRICADES ARE BLOCKING THE EXISTING SIDEWALK OR ENTRANCES TO THE BUILDINGS.
- 41. NOISY WORK: CONTRACTOR IS ADVISED THAT THE SITE WILL BE OCCUPIED DURING CONSTRUCTION AND THAT IF MAY BE NECESSARY FOR THE OWNER TO DIRECT HIM TO STOP PERFORMING EXCESSIVELY NOISY WORK (SUCH AS GRINDING OR DRILLING) IN SOME AREAS. UPON NOTIFICATION THE CONTRACTOR SHALL IMMEDIATELY STOP THE NOISY WORK AND RELOCATE HIS WORK TO ANOTHER AREA. NO EXTRA CHARGE SHALL BE ALLOWED IF THE CONTRACTOR IS DIRECTED TO STOP WORK IN A
- 42. HANDRAILS AND GUARDRAILS SHALL MEET THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC), NFPA 101 AND THE ADA/ABA. THE DRAWINGS INDICATED A GENERAL SHAPE, DIMENSION, SIZE AND LOCATION OF HANDRAILS AND GUARDRAILS FOR CLARITY AND DO NOT SHOW EVERY ITEM REQUIRED FOR CONSTRUCTION OF THE GUARDRAIL. THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE AND INSTALL ALL GUARDRAILS TO MEET THE ABOVE CODES. GENERAL CONTRACTOR SHALL INDICATE ON THE SHOP DRAWINGS EXACTLY HOW THE GUARDRAILS ARE TO BE BUILT AND SHALL MEET THE ABOVE MENTIONED CODES.
- 43. SAFETY PRECAUTIONS AND PROGRAMS THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISION ALL SAFETY PRECAUTIONS AND
- PROGRAMS IN CONNECTION WITH PERFORMANCE OF THE CONTRACT. THE CONTRACTOR SHALL COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR
- THE CONTRACTOR SHALL TAKE PRECAUTIONS FOR SAFETY OF, AND SHALL PROVIDE PROTECTION TO PREVENT DAMAGE, INJURY OR LOSS TO EMPLOYEES ON THE WORK AND OTHER PERSONS WHO MAY BE AFFECTED.
- 44. COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. INSPECT MATERIALS OR EQUIPMENT IMMEDIATELY UPON DELIVERY AND AGAIN PRIOR TO INSTALLATION. REJECT DAMAGED AND DEFECTIVE ITEMS.

THE PROJECT SITE IN RESERVE, LOUISIANA.

45. PRICES QUOTED SHALL BE COMPLETE SO AS TO COVER EVERY COST, EXPENSE, FEE OR CHARGE INCURRED BY THE BIDDER IN PERFORMANCE OF THE CONTRACT, INCLUDING ALL FEDERAL, STATE, AND LOCAL TAXES. PRICES QUOTED SHALL INCLUDE ALL TRANSPORTATION, LOADING, UNLOADING, PACKING, CRATING, AND STORAGE CHARGES (AS APPLICABLE), AND SHALL BE FOB TO

ABBREVIATIONS

WATER METER

FIRE HYDRANT

POWER POLE

LIGHT POLE

FLOOD LIGHT

TEE

CROSS

ELEVATION

REMOVE AND

REPLACE SURFACE

DIESEL FUEL LINE

GAS FUEL LINE

CONCRETE

ASPHALT

ELECTRIC SERVICE LINE

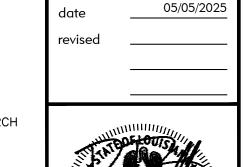
TAPPING SLEEVE AND VALVE

REDUCER/INCREASER

AIR RELEASE VALVE

AD		7 1 11	3110		
&c	AND I	FH	FIRE HYDRANT	PSI	POUNDS PE
<	ANGLE	F.L.	FLOW LINE	PT.	POINT
CL	CENTERLINE	FM	FORCE MAIN	PVC	POLYVINYL F
0	DIAMETER OR ROUND	FT.	FOOT OR FEET	QTR.	QUARTER
#	NUMBER	GA.	GAUGE	QTY.	QUANTITY
ÄC	ASBESTOS CEMENT	GAL.	GALLON	r	RADIUS
A.D.	AREA DRAIN	GPM	GALLONS PER MINUTE	R.	RIGHT
ADD.	ADDENDUM	GYP.	GYPSUM	RCPA	REINFORCED
A/E	ARCHITECT	H/C	HANDICAPPED	RCB	REINFORCED
, –	OR ENGINEER	HGT.	HEIGHT	RCP	REINFORCED
ALT.	ALTERNATE	HP	HORSEPOWER	RD.	ROAD
APPROX.	APPROXIMATE	HORIZ.	HORIZONTAL	REF.	REFERENCE
ASPH.	ASPHALT	HWY.	HIGHWAY	REINF.	REINFORCED
AVE.	AVENUE	ID	INSIDE DIAMETER (DIM.)	REQ'D.	REQUIRED
AVG.	AVERAGE	IN.	INCH	REV.	REVISION
BITUM.	BITUMINOUS	INT.	INTERIOR	R.O.W.	RIGHT OF W
BL	BASELINE	INV.	INVERT	RPM	REVOLUTION
BLDG.	BUILDING	IR	IRON ROD	S.	SOUTH
ВМ	BENCH MARK	JCT.	JUNCTION	SD	STORM DRAI
BRG.	BEARING	JT.	JOINT	SECT.	SECTION
CPA	CONCRETE PIPE ARCH	L.	LEFT	SFM	SEWERAGE F
СВ	CATCH BASIN	LB.	POUND	SIM.	SIMILAR
C.D.	CAIRO DATUM	LF	LINEAR FOOT	SMH	SEWER MAN
CFS	CUBIC FEET	LS	LUMP SUM	SPEC.	SPECIFICATION
	PER SECOND	L.S.	LIFT STATION	SQ.	SQUARE
CI	CAST IRON	MAX.	MAXIMUM	ST.	STREET
C.J.	CONTRACTION JOINT	MECH.	MECHANICAL	STA	STATION
CMP	CORRUGATED	MFR.	MANUFACTURER	STD.	STANDARD
	METAL PIPE	MFR'D.	MANUFACTURED	STL.	STEEL
СМРА	CORRUGATED	MH	MANHOLE	STOR.	STORAGE
	METAL PIPE ARCH	MIN.	MINIMUM	S.W.	SIDEWALK
CO	CLEAN OUT	MISC.	MISCELLANEOUS	SYM.	SYMMETRICAL
CONC.	CONCRETE	M.S.L.	MEAN SEA LEVEL	SYS.	SYSTEM
CONT.	CONTINUOUS	MTL.	METAL	ТВМ	TEMPORARY
CSP	CORRUGATED	N.	NORTH	T.C.	TOP OF CAS
	STEEL PIPE	N/A	NOT APPLICABLE		OR TOP OF
CULV.	CULVERT	N.D.P.	NO DIRECT PAYMENT	TEL.	TELEPHONE
DEPT.	DEPARTMENT	N.G.V.D.	NATIONAL GEODETIC	T.O.C.	TOP OF CAS
DI .	DUCTILE IRON		VERTICAL DATUM	1.0.0.	
٥.	OR DROP INLET	N.I.C.	NOT IN CONTRACT		OR TOP OF
DIA.	DIAMETER	NOM.	NOMINAL	T.O.P.	TOP OF PAV
DIM.	DIMENSION	N.T.S.	NOT TO SCALE	T/W	TOP OF WAL
DR.	DRIVE	O.C.	ON CENTER	TYP.	TYPICAL
DRWY.	DRIVEWAY	OD	OUTSIDE DIAMETER (DIM.)	U.G.	UNDER GRO
DTL.	DETAIL	OPP.	OPPOSITE	VERT.	VERTICAL
E.	EAST	PC	POINT OF CULVATURE	VOL.	VOLUME
EA.	EACH	P.C.C.P.	PORTLAND CEMENT	W	WEST
E.J.	EXPANSION JOINT		CONCRETE PAVEMENT	W/	WITH
EL.	ELEVATION	PI	POINT OF INTERSECTION	W/0	WITHOUT
ELEC.	ELECTRICAL	PL	PROPERTY LINE	wŤ.	WEIGHT
EMB.	EMBANKMENT	POT	POINT OF TANGENT	WSE	WATER SURF
ENCL.	ENCLOSURE	P.P.	POWER POLE	W.W.F.	WELDED WIR
EQUA.	EQUATION	PREFAB.	PREFABRICATED	YD.	YARD
E.W.	EACH WAY	·_· · · · · · · · · · · · · · · · · · ·	· · · ·		
EXIST.	EXISTING				
EXP.	EXPANSION				

F.L. FLOW LINE PM FORCE MAIN PT. FOOT OR FEET GA. GAUGE GAL. GALLON FT. FOOT OR FEET GAL. GALLON GAL. GALLON FT. FOOT OR FEET GALLON FT. FOOT OR FEET GAL. GALLON FT. FOOT OR FEET GALLON FT. GALLON FT. FOOT OR FEET GALLON FT. GALLON FT. GALLON FT. GALLON FT. GALLON FT. FOOT OR FEET GALLON FT. GALLON FT	_	FH	FIRE HYDRANT	PSI	POUNDS PER SQUARE INCH
FM					
DR ROUND OR A GAUGE CEMENT OR GAL GAL GALLONS PER MINUTE CYP. CYPSUM H/C H/C HORSEPOWER HORT HORSEPOWER HORIZ HORI	<u>.</u>				
CAL GALGE CALLON CALLO	- POLIND				
CEMENT GAL	SIC ICOUND				
CPM	CEMENT				
GYP. GYPSUM					
H/C	`				
RCP					
HP HORSEPOWER HE HORIZ. HORIZONTAL HWY. HIGHWAY ID INSIDE DIAMETER (DIM.) IN. INCH IN. INTERIOR INT. INTERIOR IN. INVERT IR IRON ROD J.T. JUNCTION J.J. JUNCTION J.J. JOINT IN. LEFT IR IRON ROD J.T. JUNCTION J.J. JOINT J.J. JOINT J. JOINT J. JOINT J. SECT. SECTION J. SEWER MAN HOLE J. L. LEFT J. L. LEFT J. SEWERAGE FORCE MAIN J. SEWER MAN HOLE J. L. LIFT STATION J. SPC. SPECIFICATION(S) J. STORM DRAIN J. SEWER MAN HOLE J. S. LIFT STATION J. SOU. MAX. MAXIMUM J. L. S. LIFT STATION J. SOU. MAX. MAXIMUM J. ST. STREET J. STREET J. STREET J. STANDARD J. STANDARD J. STANDARD J. STORAGE J. STANDARD J. STORAGE J. STANDARD J. STORAGE J. STORAGE J. STANDARD J. STORAGE J. STANDARD J. STORAGE J. STANDARD J. STORAGE J. STANDARD J. STANDARD J. STANDARD J. STANDARD J. STORAGE J. STANDARD J. STORAGE J. STANDARD J. S		•			
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HWY. HIGHWAY REINF. REINFORCED REQ'D.					
ID INSIDE DIAMETER (DIM.) IN. INCH IN. INCH IN. INTERIOR INV. INVERT IR IRON ROD RK JCT. JUNCTION JT. JOINT LL LEFT SFM SEWERAGE FORCE MAIN SIMILAR JM LF LINEAR FOOT SM SEWER MAN HOLE SPEC. SPECIFICATION(S) US SQUARE STANDARD STANDARD STANDARD STANDARD STREET STANDARD STANDARD STANDARD STANDARD STORM DRAIN SWER MAN HOLE SPEC. SPECIFICATION(S) SQ. SQUARE ST. STREET STATION SQ. SQUARE ST. STREET STANDARD ST. STREET ST. STANDARD ST. STREET ST. STREET ST. STANDARD ST. STREET ST. STANDARD ST. STREET ST. STREET ST. STANDARD ST. STREET ST. STREET ST. STANDARD ST. STREET S	15				
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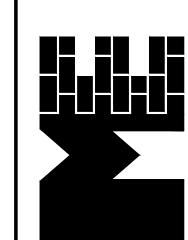
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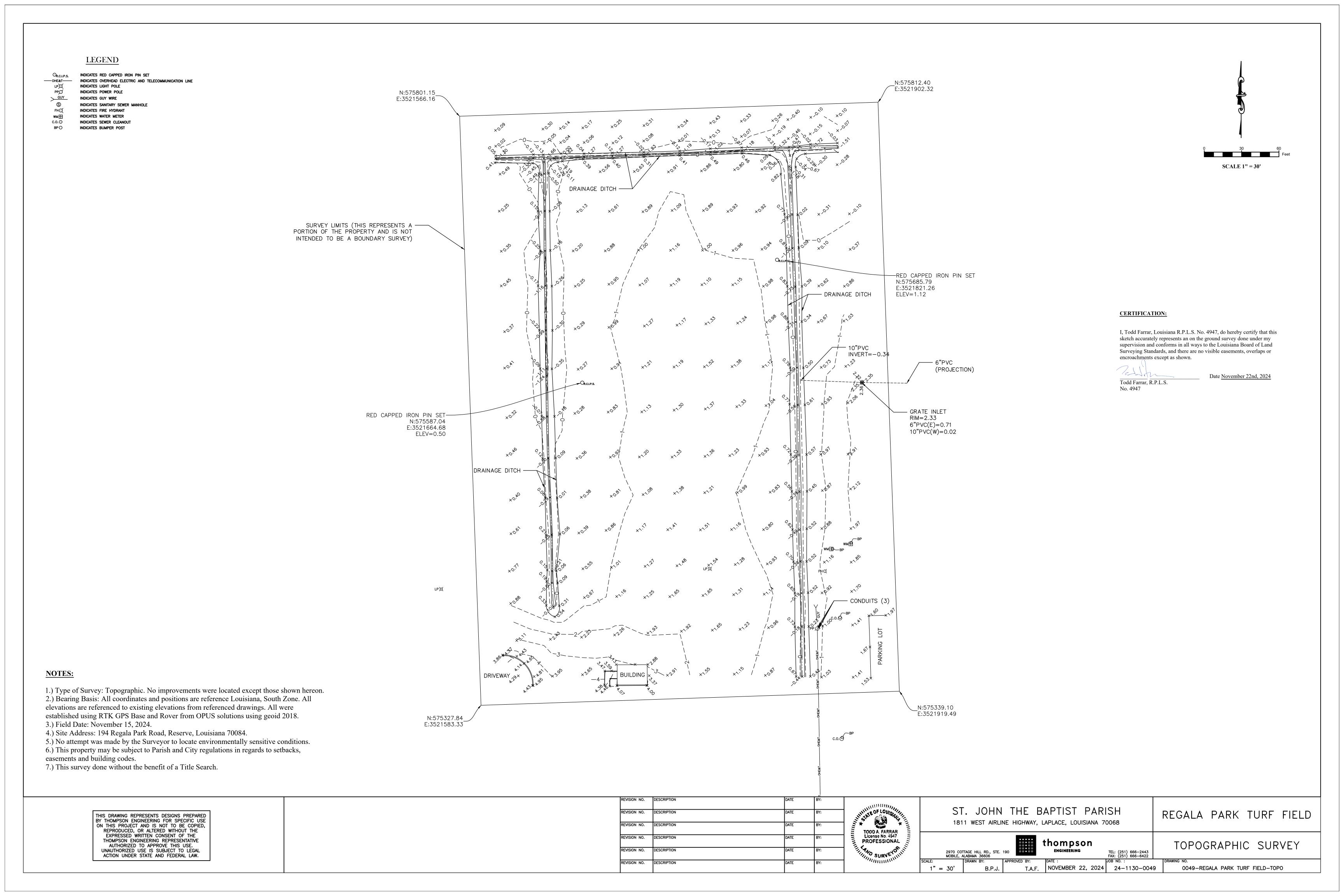
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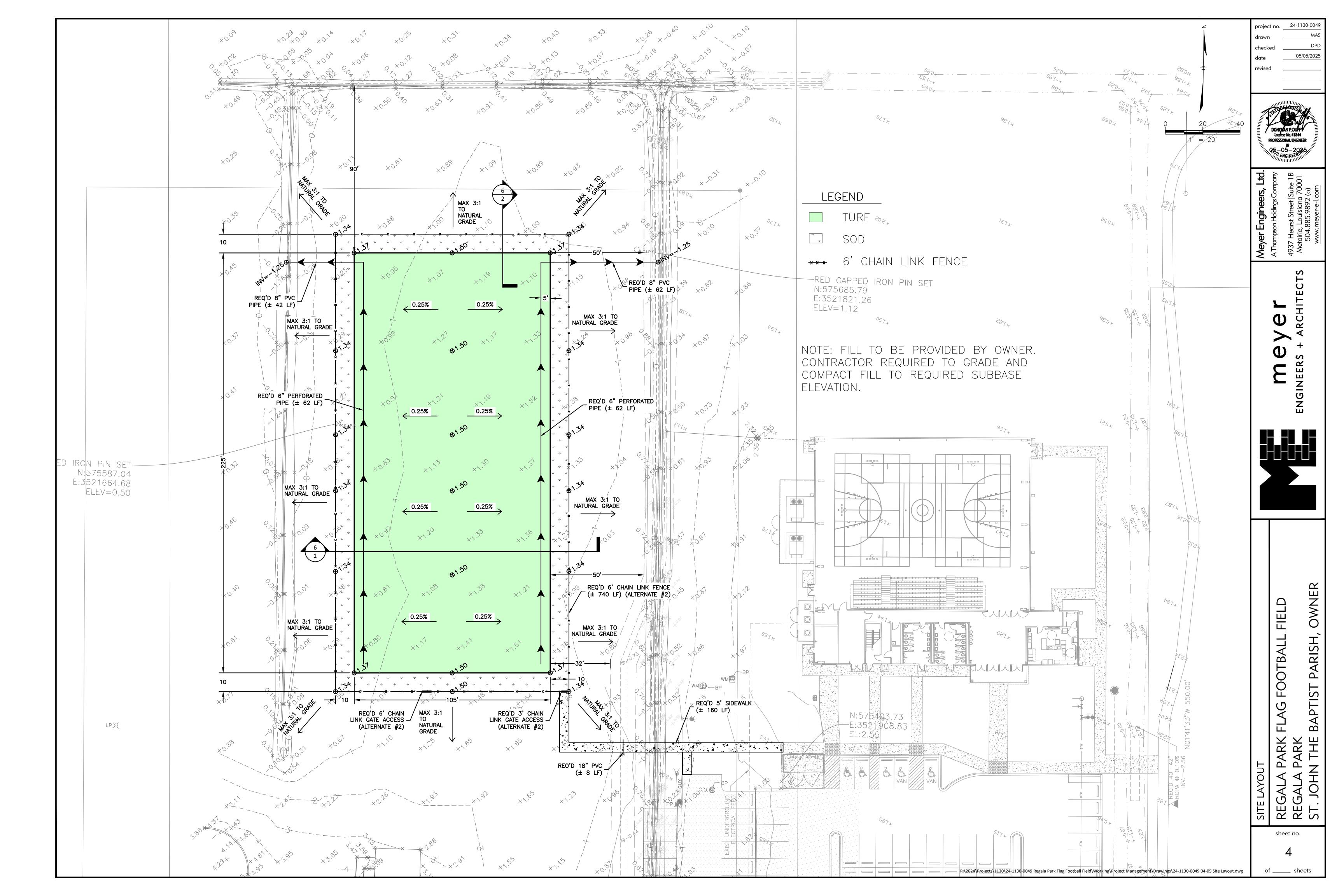
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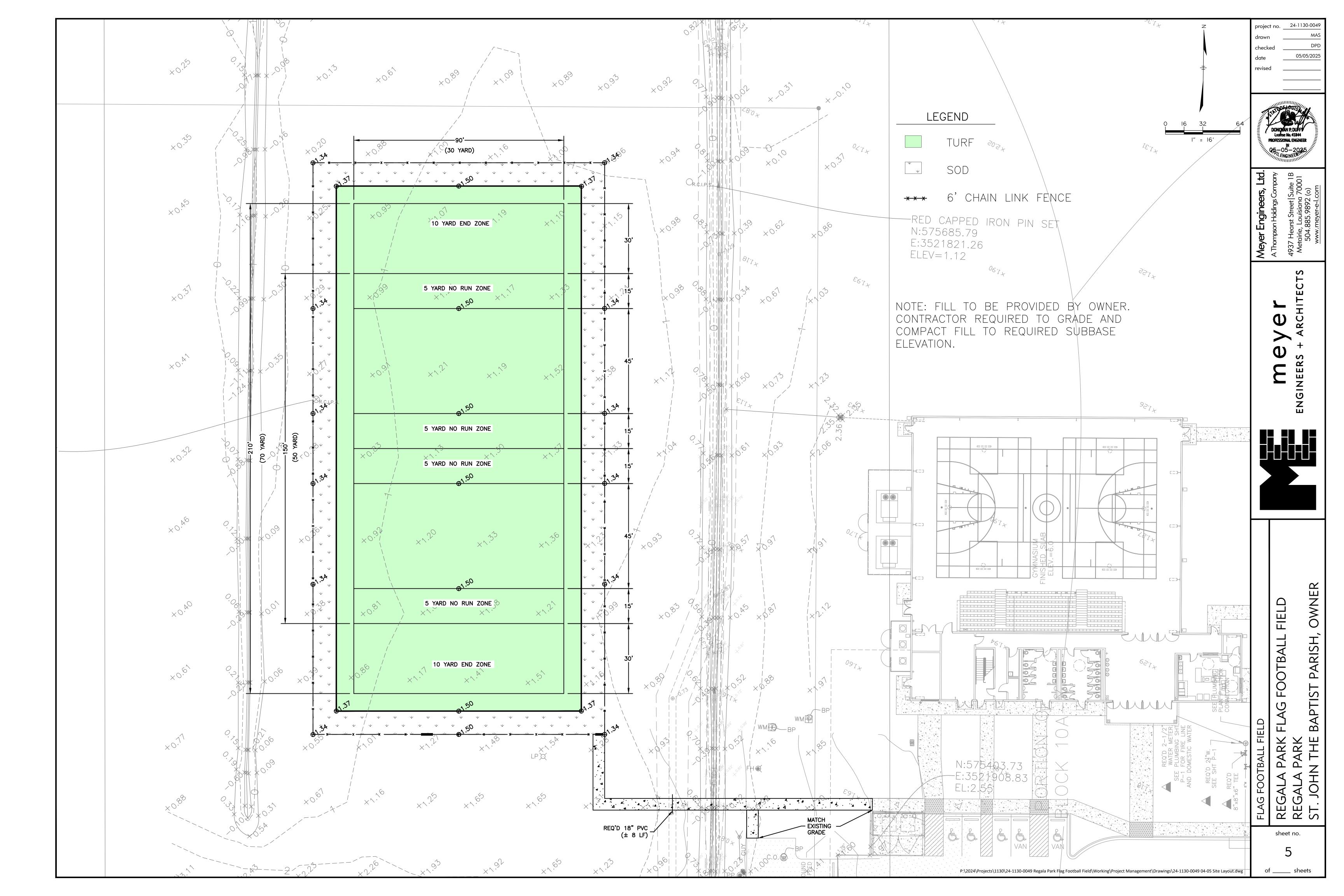
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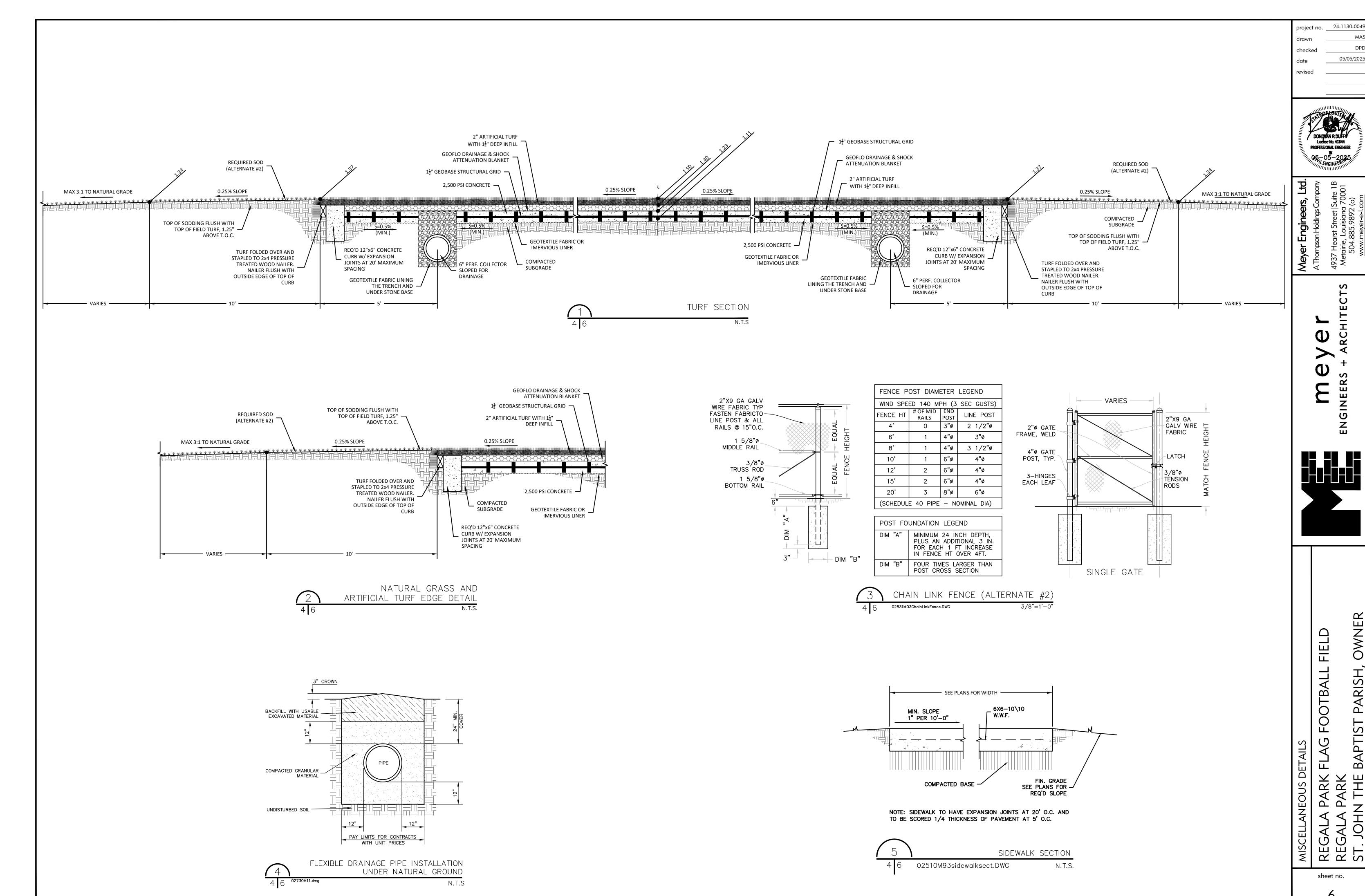
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ABOVE-COUNTER DUPLEX RECEPTACLE; MOUNT AT 4" ABOVE COUNTER OR BACKSPLASH OR 44" (WHICHEVER IS LOWER)

MOUNT AT 4" ABOVE COUNTER OR BACKSPLASH OR 44" (WHICHEVER IS LOWER)

QUADRAPLEX RECEPTACLE ABOVE-COUNTER QUADRAPLEX RECEPTACLE;

OR 44" (WHICHEVER IS LOWER)

MOUNT AT 4" ABOVE COUNTER OR BACKSPLASH

SPECIAL PURPOSE RECEPTACLE; VERIFY NEMA CONFIGURATION WITH THE MANUFACTURER OF

THE EQUIPMENT SERVED

VOICE/DATA/POWER FLUSH FLOOR BOX

DUPLEX RECEPTACLE FLUSH FLOOR BOX

QUADRAPLEX RECEPTACLE FLUSH FLOOR BOX

RECEPTACLE SWITCHING; EDGE SHADING INDICATES: NONE - DEVICE NOT SWITCHED LEFT - BOTTOM (DUPLEX) OR LEFT TWO (QUAD) SWITCHED RIGHT - TOP (DUPLEX) OR RIGHT TWO (QUAD) SWITCHED

(REFER TO DRAWINGS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS)

PROVIDE CONDUIT AND WIRE PER THE PANEL SCHEDULE FOR POWER AND PER THE MANUFACTURER'S SPECIFICATIONS FOR CONTROLS)

LIGHT FIXTURE; UPPERCASE LETTER(S) INDICATE FIXTURE TYPE; LOWERCASE LETTER(S) INDICATE ASSOCIATED CONTROLS ID; SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE DESCRIPTIONS AND MOUNTING TYPES

 \bowtie X EXIT LIGHT FIXTURE. ARROWS (IF USED) INDICATE DIRECTION. FILLED IN QUADRANT(S) INDICATE NUMBER AND ORIENTATION OF ILLUMINATED FACES. LETTER(S) INDICATE FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE DESCRIPTION.

CEILING MOUNTED OCCUPANCY SENSOR WITH 360° COVERAGE. LOCATE AND INSTALL PER THE MANUFACTURER'S RECOMMENDATIONS; TEST AND ADJUST SENSITIVITY AFTER INSTALLATION AND SET TIME DELAY AS REQUIRED BY THE OWNER

CEILING MOUNTED DAYLIGHT HARVESTING SENSOR. LOCATED AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS; TEST AND ADJUST SENSITIVITY AFTER INSTALLATION AND SET TIME DELAY AS REQUIRED

> CEILING MOUNTED OCCUPANCY SENSOR, AS ABOVE, CONFIGURED FOR VACANCY OPERATION

PHOTOELECTRIC CELL, EXTERIOR RATED; AIM AND SHIELD SENSOR FROM INTERIOR AND EXTERIOR ARTIFICIAL LIGHT SOURCES

SUBSCRIPT (WHEN USED): NONE - SINGLE POLE TOGGLE SWITCH 3 - THREE-WAY SWITCH D - LINEAR SLIDE DIMMER SWITCH 3D - THREE-WAY LINEAR SLIDE DIMMER SWITCH

PROVIDE 1"EC WITH PULL STRING FROM THE DEVICE LOCATION SHOWN ON THE DRAWINGS TO AN ACCESSIBLE LOCATION ABOVE CEILING)

a,b,c etc. - SWITCH ID

O - WALL MOUNTED OCCUPANCY SENSOR

30 - THREE-WAY SWITCH WITH OCCUPANCY SENSOR

FLOOR MOUNTED MICROPHONE OUTLET

CEILING MOUNTED SPEAKER

WALL MOUNTED SPEAKER

ELECTRICAL GENERAL NOTES

ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AS ADOPTED BY THE AHJ.

THE WORDS "PROVIDE" AND "PROVIDED" AS USED HEREIN SHALL BE UNDERSTOOD TO MEAN. "PROVIDE COMPLETE IN PLACE," THAT IS "FURNISH AND INSTALL". EQUIPMENT AND MATERIAL INDICATED TO BE PROVIDED SHALL BE NEW UNLESS OTHERWISE NOTED AND SHALL BE OF THE MOST SUITABLE GRADE FOR THE PURPOSE INTENDED.

ROUTE NEW CONDUIT AND WIRING CONCEALED IN WALLS AND CEILING WHERE POSSIBLE. COORDINATE INSTALLATION OF EXPOSED CONDUIT AND WIRING WITH THE ARCHITECT.

CONTRACTOR SHALL PROVIDE ELECTRICAL SERVICE TO NEW HVAC UNITS AS FURNISHED BY THE MECHANICAL CONTRACTOR. VERIFY THE EXACT ELECTRICAL REQUIREMENTS WITH THE REVIEWED HVAC SUBMITTALS PRIOR TO ORDERING ELECTRICAL EQUIPMENT

BEFORE INSTALLATION, CONTRACTOR SHALL SUBMIT DETAILED DRAWINGS TO THE ENGINEER FOR REVIEW COVERING PROPOSED LOCATIONS, MOUNTING, AND ROUTING FOR ALL CONDUITS, SERVICES, FITTINGS, GROUND RODS, SUPPORTS,

CONTRACTOR IS RESPONSIBLE FOR OVER-CURRENT PROTECTIVE DEVICE SHORT CIRCUIT, COORDINATION, AND ARC-

FLASH STUDIES. MATERIALS AND MANUFACTURERS NOTED ON DRAWINGS ARE TO BE USED AS BASIS OF DESIGN TO ESTABLISH QUALITY AND PERFORMANCE STANDARDS AND SHALL BE PROVIDED AS SPECIFIED. SUBSTITUTIONS WILL BE CONSIDERED WHERE SUFFICIENT PRODUCT INFORMATION IS PROVIDED TO MAKE A PROPER EVALUATION. REVIEW OF A SUBSTITUTION IS AT THE SOLE DISCRETION OF THE PROFESSIONAL

THE CONTRACTOR SHALL SUBMIT COPIES OF THE PRODUCT DATA, SHOP DRAWINGS, ETC. OF ALL MATERIALS NOTED ON THE DRAWINGS. ALL SUBMITTED PRODUCT DATA, SHOP DRAWINGS, ETC. SHALL BE MARKED WITH THE NAME OF THE PROJECT AND SHALL BEAR THE STAMP OF APPROVAL OF THE CONTRACTOR AS EVIDENCE THAT THE MATERIAL HAS BEEN

CHECKED BY THE CONTRACTOR. DRAWINGS SPECIFIC TO THIS TRADE DO NOT LIMIT THE RESPONSIBILITY OR WORK REQUIRED BY THE CONTRACT DOCUMENTS. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER TRADES FOR COMPLETE INFORMATION PRIOR TO

WHERE CONFLICTS EXIST AMONG DRAWINGS, SPECIFICATIONS, AND EQUIPMENT SCHEDULES, THE MOST STRINGENT REQUIREMENT OR QUANTITY SHALL APPLY. NOTIFY THE ARCHITECT/ENGINEER OF ALL CONFLICTS FOR RESOLUTION OR

NO EQUIPMENT SHALL BE ORDERED OR INSTALLED UNTIL THE PROJECT ENGINEER HAS RECEIVED A COPY STAMPED "NO EXCEPTIONS TAKEN." "NO EXCEPTIONS TAKEN" DOES NOT RELIEVE THE CONTRACTOR FROM CONFORMANCE WITH THE CONTRACT, EXTEND TO QUANTITIES OR DIMENSIONS, IMPLY THAT THE EQUIPMENT CAN BE INSTALLED OR OPERATE SATISFACTORILY, THAT THE EQUIPMENT CONTAINS ALL NECESSARY COMPONENTS, OR THAT IT WILL COORDINATE WITH OTHER REVIEWED ITEMS.

OMISSION FROM THIS SHEET OF ANY ITEM SHOWN ELSEWHERE IN THE PLANS DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR ANY ASSOCIATED WORK.

COORDINATE INSTALLATION OF NEW ITEMS AND EQUIPMENT WITH THE OWNER'S REPRESENTATIVE AND THE WORK OF OTHER TRADES. THE CONTRACTOR SHALL INCUR ALL COSTS ASSOCIATED WITH THE RELOCATION OF EQUIPMENT CONFLICTING WITH NEW WORK BY OTHER TRADES THAT HAS NOT BEEN COORDINATED.

COORDINATE ALL ASPECTS OF NEW SERVICE WITH UTILITY COMPANY AND INCLUDE ALL COSTS IN BID. WARNING TAPE SHALL BE INSTALLED 12 TO 18 INCHES BELOW GRADE OVER ALL CONDUITS.

PROVIDE 1/4" MINIMUM DIAMETER PULL ROPE. PULL ROPE SHALL NOT BE NYLON STRING.

FOR SERVICE ENTRANCE CONDUITS, UTILIZE LONG RADIUS (36") CONDUIT BENDS.

ALL CONDUIT RISERS FROM UNDERGROUND SHALL HAVE RIGID METAL ELLS AND RISERS. PRIOR TO CONSTRUCTION, VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. AVOID DISTURBANCE OF

EXISTING UTILITIES NOT INCLUDED IN THIS PROJECT.

SET SCREW CONDUIT FITTINGS SHALL NOT BE PERMITTED.

LIGHTING GENERAL NOTES

VERIFY THE EXACT LOCATION OF ALL LIGHTING SWITCHES WITH THE ARCHITECT PRIOR TO ROUGH-IN. VERIFY THE EXACT LOCATION OF ALL LIGHTING FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN PRIOR

VERIFY THE EXACT LOCATION OF CEILING MOUNTED OCCUPANCY SENSORS WITH THE MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION FOR MAXIMUM PERFORMANCE.

EMERGENCY FIXTURES AND EXIT FIXTURES SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT. BRANCH CIRCUIT WIRING TO EXIT FIXTURES AND TO BATTERY INVERTERS WITHIN FIXTURES WITH INTEGRAL BATTERY UNITS SHALL BE

UNSWITCHED, CONNECTED AHEAD OF ANY CONTROL SWITCHING. WALL MOUNT TYPE "Z" FIXTURES ABOVE DOOR AS SHOWN ON DRAWINGS. COORDINATE WITH THE ARCHITECT PRIOR TO

MOUNT TYPE "EM" FIXTURES 8'-0" AFF UNLESS OTHERWISE NOTED.

VERIFY THE CEILING TYPES FOR ALL LIGHT FIXTURES TO BE FLUSH MOUNTED OR SUSPENDED AND ADJUST FIXTURE MOUNTING TYPES IN ACCORDANCE WITH THE CEILING TYPE, AS REQUIRED. CONTRACTOR SHALL PROVIDE ALL REQUIRED MOUNTING HARDWARE.

ALL VANITY FIXTURES SHALL BE MOUNTED WITH 0'-3" OF SPACE BETWEEN THE BOTTOM OF THE FIXTURE AND THE TOP OF THE MIRROR UNLESS OTHERWISE NOTED. VERIFY THE EXACT MOUNTING LOCATION FOR ANY PHOTOELECTRIC CELLS WITH THE ARCHITECT PRIOR TO ROUGH-IN.

ALL PHOTOELECTRIC CELLS MUST FACE NORTH. CONTRACTOR SHALL CONFIRM COMPATIBILITY OF ALL LIGHTING CONTROL DEVICES/SWITCHES/DIMMERS WITH LIGHTING

FIXTURES AND BALLASTS/DRIVERS PRIOR TO SUBMITTAL.

COORDINATE LOCATION OF LIGHT FIXTURES IN MECHANICAL ROOMS WITH DIVISION 15/23 PLANNED EQUIPMENT LOCATION AND DUCT INSTALLATION. WALL MOUNT LIGHTS OR PROVIDE PENDANT MOUNTING AS REQUIRED TO

WHERE MULTIPLE OCCUPANCY SENSORS ARE SHOWN IN THE SAME AREA, MOTION DETECTION BY ONE SENSOR SHALL ILLUMINATE ALL LIGHTING IN THE RESPECTIVE AREA.

TELECOMMUNICATIONS GENERAL NOTES

ILLUMINATE THE SPACE.

RESERVED

SPECIAL SYSTEMS GENERAL NOTES

RESERVED

DEMOLITION GENERAL NOTES

- THE LOCATIONS OF EXISTING CIRCUITS AND EQUIPMENT ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT, AND WIRING BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSE BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING PORTIONS OF THE ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL REMOVE SUCH EXISTING WORK AS CALLED FOR ON THE DRAWINGS OR AS REQUIRED TO CLEAR
- THE AREAS OF NEW CONSTRUCTION. ALL EQUIPMENT REMOVED THAT IS NOT BEING REUSED SHALL REMAIN THE PROPERTY OF THE OWNER OR SHALL BE
- DISPOSED OF AS REQUIRED. EXCEPT AS OTHERWISE NOTED, ALL EXISTING ELECTRICAL WORK WHICH WILL NOT BE RENDERED OBSOLETE AND WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT, SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. OTHER ELECTRICAL WORK OR MATERIAL RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED. OLD, UNUSED WIRING AND DEVICES SHALL BE REMOVED FROM THE ABANDONED (CONCEALED) CONDUITS. OUTLETS SHALL BE PROVIDED WITH BLANK COVERS. ANY CONDUITS STUBBED OUT
- OF MASONRY SURFACE SHALL BE CUT INTO SURFACE AND PATCHED. WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONTINUED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH THE WORK INDICATED ON THE CONTRACT DRAWINGS AS SPECIFIED.
- WHERE EXISTING RACEWAYS THAT ARE NOT TO BE REUSED INTERFERE WITH NEW WORK, THESE RACEWAYS SHALL BE REMOVED BACK TO THE NEAREST JUNCTION BOX OR PULL BOX AND THE OPENINGS BLANKED.
- CONTRACTOR SHALL MAINTAIN CONTINUITY OF BRANCH CIRCUITS SERVING MULTIPLE ITEMS OF WHICH ONE OR MORE ARE BEING DEMOLISHED. CONDUCTORS AND CONDUITS FOR THOSE ITEMS BEING DEMOLISHED SHALL BE REMOVED AS FAR AS PRACTICABLE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND DATA WIRING
- NOT REUSED OR NOT NECESSARY FOR THE COMPLETION OF THIS PROJECT. IF ANY BRANCH CIRCUIT WIRING FEEDING EQUIPMENT TO REMAIN IN PLACE FOR REUSE IS DAMAGED DURING
- CONSTRUCTION, THE CONTRACTOR SHALL REPLACE THE NEW BRANCH CIRCUIT WIRING OF THE SAME SIZE AND TYPE AS THAT OF THE EXISTING AT NO COST TO THE OWNER. EXISTING DEVICES ARE SHOWN IN GRAY. CONDUIT AND WIRING ARE NOT GENERALLY SHOWN AND SHALL BE THE
- RESPONSIBILITY OF THE CONTRACTOR. ADDITIONAL DEMOLITION WORK AND CLARIFICATION OF INDICATED WORK WILL BE GIVEN BY RFI.
- COORDINATE THE REMOVAL AND REINSTALLATION (OR PROTECTION IN PLACE) OF EXISTING ELECTRICAL EQUIPMENT AND DEVICES WITH THE WORK OF OTHER TRADES TO REPLACE OR REFINISH EXISTING WALLS AND CEILINGS. WHERE EXISTING CIRCUITS ARE BEING REMOVED IN EXISTING PANELS. PROVIDE A NEW. NEATLY TYPED DIRECTORY

INCLUDING LOADS "EXISTING TO REMAIN". PROVIDE ALL REQUIRED TESTING AND INVESTIGATIONS NECESSARY TO

WHICH INDICATES WHERE "SPARE" BREAKERS ARE LOCATED. ANY EXISTING BREAKERS THAT ARE NOT FEEDING DEVICES SHALL REMAIN AND BE LABELED AS A "SPARE." WHERE NEW LOADS ARE CONNECTED TO EXISTING PANELS, AND WHERE LOADS ARE REARRANGED IN EXISTING PANELS AS PART OF THIS PROJECT, UPDATE THE RESPECTIVE PANEL DIRECTORY SO AS TO PROVIDE A COMPLETE, ACCURATE, AND TYPEWRITTTEN PANEL SCHEDULE. THE NEW PANEL SCHEDULE SHALL INCORPORATE ALL EXISTING LOADS,

INDEX - ELECTRICAL SHEETS

ACCOMPLISH THIS WORK.

E000	ELECTRICAL COVER SHEET
E100	POWER PLAN
E200	FIELD PHOTOMETRICS
E300	RISER DIAGRAM & SCHEDULES
E400	ELECTRICAL DETAILS
E401	ELECTRICAL DETAILS
E500	ELECTRICAL SPECIFICATIONS

ABBREVIATIONS

A	AMPERE(S)	CATV	CABLE TELEVISION	EF	EXHAUST FAN	FOC	FIBER OPTIC CABLE	MCB	MAIN CIRCUIT BREAKER	NO	NORMALLY OPEN	SF	SUPPLY FAN	UGS	UNDERGROUND SECONDARY
AC	ABOVE COUNTER (6" ABOVE BACKSPLASH)	CB	CIRCUIT BREAKER	EGC	EQUIPMENT GROUNDING CONDUCTOR	G, GND	GROUND	MCM/KCMIL	1,000 CIRCULAR MILS	NU	WEATHERPROOF IN-USE COVER	S/N	SOLID NEUTRAL	UH	UNIT HEATER
AF	AMPERE(S) FUSED	CKT	CIRCUIT	EMER.	EMERGENCY	GEC	GROUNDING ELECTRODE CONDUCTOR	MECH.	MECHANICAL	OH	OVERHEAD	SPD	SURGE PROTECTIVE DEVICE	UL	UNDERWRITER'S LABORATORY, INC.
AFCI	ARC FAULT CIRCUIT INTERRUPTER	CLG	CLG	EMT	ELECTRICAL METALLIC TUBING	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	MH	MANHOLE	OHE	OVERHEAD ELECTRICAL	STD	STANDARD	UON	UNLESS OTHERWISE NOTED
AFF	ABOVE FINISHED FLOOR	CORR	CORRIDOR	EQ	EQUAL	GRS	GALVANIZED RIGID STEEL	MLO	MAIN LUGS ONLY	OSP	OUTSIDE PLANT	TEL	TELEPHONE	V	VOLTS
AFG	ABOVE FINISHED GRADE	CT	CURRENT TRANSFORMER	EQUIP.	EQUIPMENT	НН	HANDHOLE	MOCP	MAXIMUM OVERCURRENT PROTECTION	UPP	UTILITY POWER POLE	TELECOM	TELECOMMUNICATIONS	VAC	VOLTS ALTERNATING CURRENT
AIC	AMP SYMMETRICAL INTERRUPTING CAPACITY RMS	CTRL	CONTROLLER	EWC	ELECTRIC WATER COOLER	HP	HORSEPOWER	MTD	MOUNTED	PB	PULL BOX	TGB	TELECOMMUNICATIONS GROUND BUS	VDC	VOLTS DIRECT CURRENT
AT	AMPERE(S) TRIP	D	TO BE DEMOLISHED	EWH	ELECTRIC WATER HEATER	KAIC	1,000 AMP SYMMETRICAL INTERRUPTING CAPACITY RMS	MTG	MOUNTING	PH	PHASE	TMGB	TELECOMMUNICATIONS MAIN GROUND BUS	VFD	VARIABLE FREQUENCY DRIVE
AWG	AMERICAN WIRE GAUGE	DISC.	DISCONNECT	EXIST.	EXISTING	KWH	1,000 WATT HOURS	NC	NORMALLY CLOSED	PNL	PANEL	TTB	TELECOM TERMINAL BOARD	WH	WATER HEATER
BG	BELOW GRADE	DIST.	DISTRIBUTION	FACP	FIRE ALARM CONTROL PANEL	KVA	1,000 VOLT AMPERES	NEC	NATIONAL ELECTRICAL CODE	PV	PHOTOVOLTAIC	TV	TELEVISION	WP	WEATHERPROOF
BLDG	BUILDING	DWG	DRAWING	FACPRA	FIRE ALARM CONTROL PANEL REMOTE ANNUNCIATOR	LAN	LOCAL AREA NETWORK	NEU	NEUTRAL	PVC	POLYVINYL CHLORIDE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION	XFMR	TRANSFORMER
BKR	BREAKER	Е	EXISTING TO REMAIN	FC	FOOTCANDLE	LC	LIGHTING CONTACTOR	NF	NON-FUSED	QTY	QUANTITY	TYP.	TYPICAL		
С	CONDUIT	EC	EMPTY CONDUIT	FCU	FAN COIL UNIT	LTG	LIGHTING	NIC	NOT IN CONTRACT	RCPT	RECEPTACLE	UG	UNDERGROUND		
CAT	CATEGORY	ECB	ENCLOSED CIRCUIT BREAKER	FLA	FULL LOAD AMPERE(S)	MCA	MINIMUM CIRCUIT AMPACITY	NL	NIGHT LIGHT	REQ'D	REQUIRED	UGP	UNDERGROUND PRIMARY		

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ALL SYMBOLS, ABBREVIATIONS, AND NOTES ABOVE ARE TYPICAL AND ARE NOT NECESSARILY USED IN THESE CONSTRUCTION DOCUMENTS

project no. 24-1130-0023

revised

05-05-2025

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ELECTRICAL SITE PLAN NOTES:

- 1. FINAL POLE LOCATIONS SHALL BE SHIFTED AS APPROVED BY ENGINEER TO AVOID CONFLICTS WITH HIDDEN OBSTRUCTIONS TO ACHIEVE REQUIRED FOOT CANDLE LEVELS WITH APPROPRIATE MAXIMUM/MINIMUM REQUIREMENTS.
- CONTRACTOR SHALL FURNISH PHOTOMETRIC PRINTOUT OF FIELD INDICATING POLE LOCATIONS, QUANTITY OF FIXTURES, FIXTURE AIMING POSITIONS, AND MAXIMUM/MINIMUM VALUES PRIOR TO BIDDING.
- 3. INSTALLATION OF POLES WILL NOT BE ALLOWED UNTIL CONTRACTOR RECEIVES APPROVAL OF PHOTOMETRIC PRINTOUT.
- INSTALLATION OF POLES WILL NOT BE ALLOWED UNTIL LOUISIANA CIVIL ENGINEER PREPARED FOUNDATION DRAWINGS HAVE BEEN APPROVED.
- 5. IF CONTRACTOR MUST BE REQUIRED TO REMOVE ANY EXISTING FENCING TO OBTAIN EQUIPMENT ACCESS TO WORK AREAS, THE FENCING SHALL BE REPLACED AT COMPLETION OF PROJECT. CONTRACTOR SHALL MAINTAIN SITE SECURITY WHILE FENCING IS REMOVED.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING GROUND AND CONCRETE WALKWAYS/DRIVES WHERE DAMAGED DURING CONSTRUCTION.
- 7. ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE. ALL WORK SHOWN IS NEW UNLESS NOTED OTHERWISE.
- THE CONDUIT SYSTEM, ALL ELECTRICAL EQUIPMENT, ALL STEEL STRUCTURES, MOTOR FRAMES, ETC., SHALL BE CONNECTED TO THE GROUNDING SYSTEM PER ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- 9. ALL EQUIPMENT LOCATIONS SHALL BE VERIFIED. CONDUIT ROUTING AND EQUIPMENT LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. THE EXACT LOCATION OF ALL EQUIPMENT AND DEVICES SHALL BE CONFIRMED WITH THE OWNER DURING A SITE WALK WITH THE OWNER'S REPRESENTATIVE DURING CONSTRUCTION.
- 10. LOCATIONS OF CONDUITS, BOXES, FITTINGS, ETC., ARE DIAGRAMMATIC. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL SIZES AND LOCATIONS. COORDINATE WITH THE OWNER AND ENGINEER TO INSURE THE TIMELY DELIVERY AND PROPER INSTALLATION OF ALL ELECTRICAL EQUIPMENT. (I.E. CONTROL PANELS, AREA LIGHTING, ETC.)
- 11. BEFORE INSTALLATION, THE ELECTRICAL CONTRACTOR SHALL SUBMIT DETAILED LAYOUT DRAWINGS TO THE ENGINEER FOR REVIEW COVERING PROPOSED LOCATIONS, MOUNTING, AND ROUTING FOR ALL CONDUITS, SERVICES, FITTINGS, GROUND RODS, AREA LIGHTING, CONTROL PANELS, SUPPORTS, ETC.
- 12. ENCLOSURE, JUNCTION BOXES, RECEPTACLES AND ALL OTHER ELECTRICAL EQUIPMENT USED OUTDOOR SHALL BE OF NEMA 3R CONSTRUCTION UNLESS OTHERWISE NOTED.
- 13. MINIMUM CONDUIT SIZE IS 3/4". ALL EXPOSED CONDUIT SHALL BE RIGID STEEL AND ALL DUCT BANK CONDUIT SHALL BE SCHEDULE 40 PVC UNLESS NOTED OTHERWISE.
- 14. THERE SHALL BE WARNING LABELS LOCATED ON THE FRONT OF EACH ELECTRICAL ENCLOSURE. SEE SIGNAGE DETAIL ON SHEET E400.

ELECTRICAL KEYNOTES:

- PROVIDE AND INSTALL ONE (1) 1"C, 4#8 THWN & 1#10 GND FROM PANEL "LCP" TO POLE, AND ONE (1) 1"C, 2#8 THWN & 1#10 GND FROM PANEL"LCP" TO CONTACTOR PANELS MOUNTED ON POLES
- 2 NEW WIRELESS LIGHTING CONTROL PANEL.

sed SPG 05-05-2025



ompson Holdings Company
7 Hearst Street | Suite 1B

4937 Hearst S HTECTS Metairie, Lou 504.885

meyer ENGINEERS + ARCHIT



ARK FLAG FOOTBALL FIELD ARK

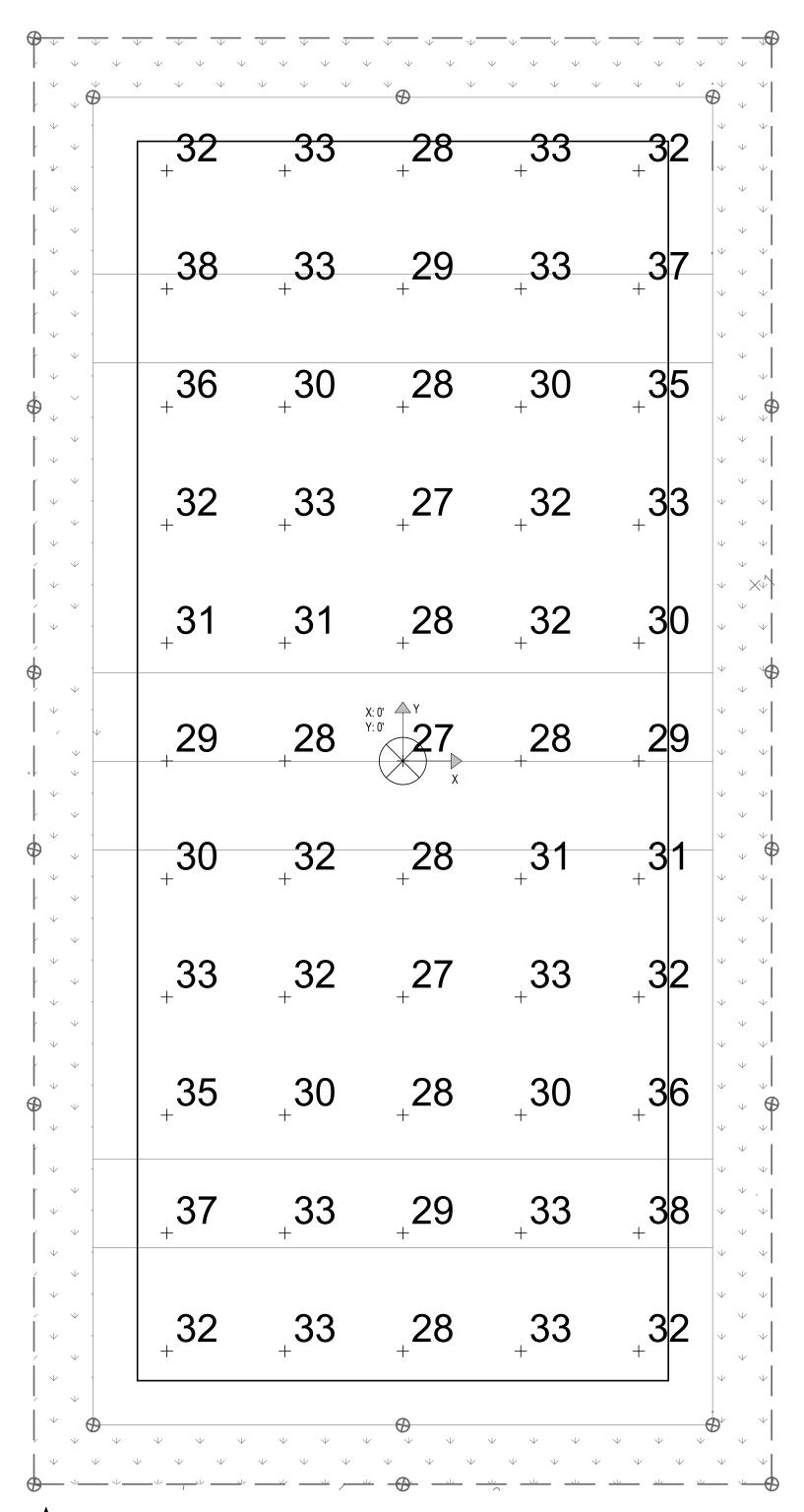
POWER PLAN
REGALA PARK
REGALA PARK
ST. JOHN THE

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NORTH 1 FIELD PHOTOMETRICS

1/16" = 1'-0"

LIGHTING REQUIREMENTS:

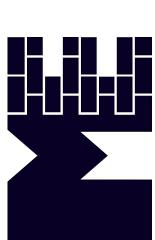
SCHEDULE - FIELD POLE SCHEDULE

NOTES: BELOW IS AN EXAMPLE OF AN APPROVED MANUFACTURER, ALL OTHERS MUST SEEK PRIOR APPROVAL. FIXTURES SHALL BE CONTROLLABLE FROM CONTROL CABINET LOCATED ON NEW RACK NEAR FOOTBALL FIELD. FIXTURES SHALL HAVE 25 YEAR WARRANTY

											FIXTU	RE CHARA	CTERISTICS					
-	Type Mark	POLE	POLE X, Y	LOAD/POLE	VOLTS	MANUFACTURER			FIXTURE ONE					FIXT	URE TWO			
	rype mark	HEIGHT	COORDINATES	LOAD/I OLL	VOLIS	WANTO ACTORER	CATALOG NO.	MOUNTING HEIGHT	QTY/POLE	LUMENS	TEMP.	LOAD	CATALOG NO.	MOUNTING HEIGHT	QTY/POLE	LUMENS	TEMP.	LOAD
	M1	50' - 0"	-60', -65'	2735 VA	208V	MUSCO	TLC-LED-550	50' - 0"	4	67,000	5700	540VA	TLC-BT-575	16' - 0"	1	52,000	5700	575
	M2	50' - 0"	-60', 65'	2735 VA	208V	MUSCO	TLC-LED-550	50' - 0"	4	67,000	5700	540VA	TLC-BT-575	16' - 0"	1	52,000	5700	575
	М3	50' - 0"	60', 65'	2735 VA	208V	MUSCO	TLC-LED-550	50' - 0"	4	67,000	5700	540VA	TLC-BT-575	16' - 0"	1	52,000	5700	575
	M4	50' - 0"	60', -65'	2735 VA	208V	MUSCO	TLC-LED-550	50' - 0"	4	67,000	5700	540VA	TLC-BT-575	16' - 0"	1	52,000	5700	575

05-05-2025





REGALA PARK FLAG FOOTBALL REGALA PARK ST. JOHN THE BAPTIST PARISH,

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E200 of 7 sheets

2.5:1 MAX/MIN

Volts: 208Y/120 Phases: 3 Wires: 4

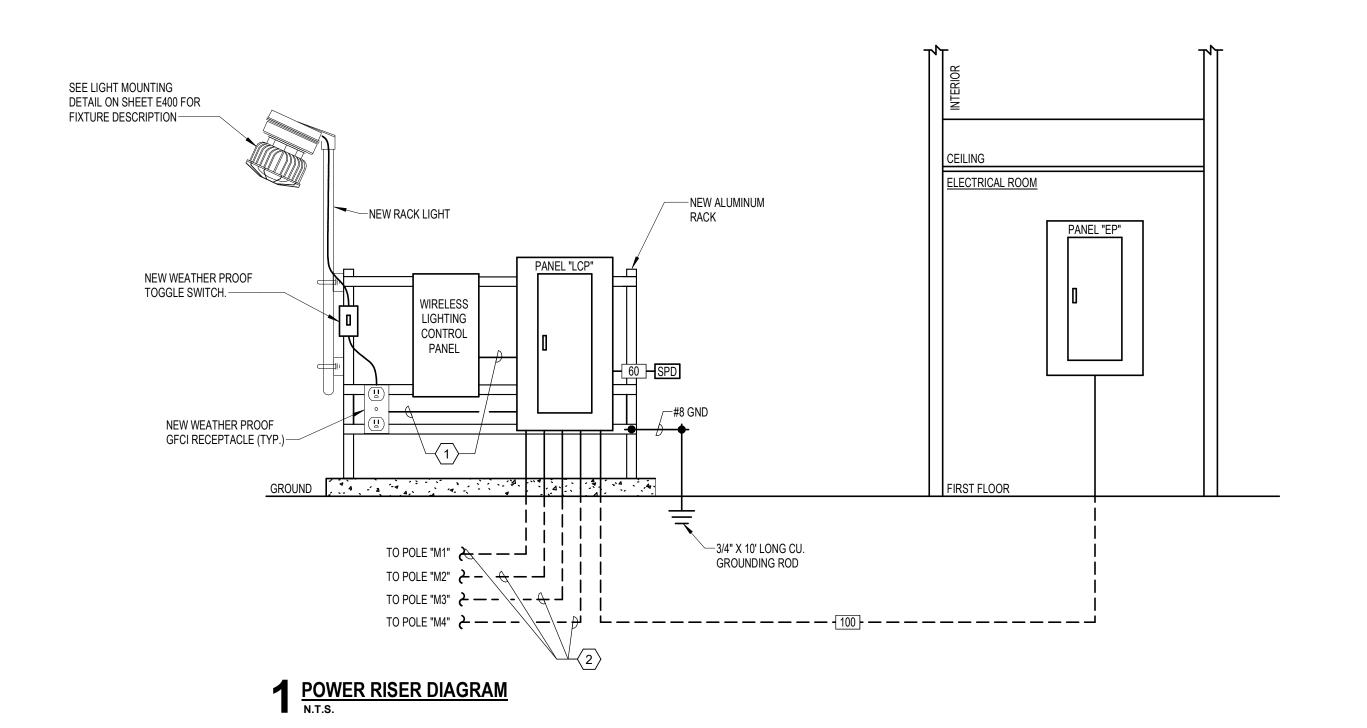
A.I.C. Rating: EXISTING Mains Rating: 400 A MCB Rating: 250 A

Mounting: SURFACE
Enclosure: NEMA-1 **Number of Sections:**

CONTRACTOR SHALL FIELD VERIFY EXISTING LOADS PRIOR TO COMMENCEMENT OF WORK.

СКТ	TRIP	POLES	WIRE	GND	CONDUIT	Circuit Description				3		С	Circuit Description	CONDUIT	GND	WIRE	POLES	TRIP	СКТ
1	20 A	1	VVIIXL			EXISTING CKT	1.9 kVA	1.9 kVA					EXISTING CKT				1	20 A	2
3	20 A	1				EXISTING CKT	1.9 KVA	1.3 KVA	1.9 kVA	1.9 kVA			EXISTING CKT				1	20 A	4
5	20 A	1				EXISTING CKT			1.9 KVA	1.9 KVA	1.9 kVA	1.9 kVA	EXISTING CKT				1	20 A	6
7	20 A	1				EXISTING CKT	1.9 kVA	6.1 kVA			1.9 KVA	1.9 KVA	EXISTING CKT				<u> </u>	20 A	8
		1				EXISTING CKT	1.9 KVA	0.1 KVA	0.0 kVA	4 2 14 /4			DANEL "LOD"	1-1/4"	#6	4#2	3	100 4	
9 11	20 A 20 A	1							U.U KVA	4.3 kVA	0.0 kVA	4 6 15/4	PANEL "LCP"	1-1/4	#6	4#2	3	100 A	10
		1				EXIST. SPARE	0.012/4	0.017/4			U.U KVA	4.6 kVA	EVICE CDADE				1	20.4	12
13	20 A	1				EXIST. SPARE	0.0 kVA	0.0 kVA	0.011/4	0.011/4			EXIST. SPARE				1	20 A	14
15	20 A	1				EXIST. SPARE			0.0 kVA	0.0 kVA	0.011/4	0.011/4	EXIST. SPARE				1	20 A	16
17	20 A	1				EXIST. SPARE	0.011/4	0.011/4			0.0 kVA	0.0 kVA	EXIST. SPARE				1	20 A	18
19	20 A	1				EXIST. SPARE	0.0 kVA	0.0 kVA					EXIST. SPARE				1	20 A	20
21	20 A	1				EXIST. SPARE			0.0 kVA	0.0 kVA			EXIST. SPARE				1	20 A	22
23	20 A	1				EXIST. SPARE					0.0 kVA	0.0 kVA	EXIST. SPARE				1	20 A	24
25	20 A	1				EXIST. SPARE	0.0 kVA	0.0 kVA					EXIST. SPARE				1	20 A	26
27	20 A	1				EXIST. SPARE			0.0 kVA	0.0 kVA			EXIST. SPARE				1	20 A	28
29	20 A	1				EXIST. SPARE					0.0 kVA	0.0 kVA	EXIST. SPARE				1	20 A	30
31	20 A	1				EXIST. SPARE	0.0 kVA	0.0 kVA					EXIST. SPARE				1	20 A	32
33	20 A	1				EXIST. SPARE			0.0 kVA	0.0 kVA			EXIST. SPARE				1	20 A	34
35	20 A	1				EXIST. SPARE					0.0 kVA	0.0 kVA	EXIST. SPARE				1	20 A	36
37	20 A	1				EXIST. SPARE	0.0 kVA	0.0 kVA					EXIST. SPARE				1	20 A	38
39	20 A	1				EXIST. SPARE			0.0 kVA	0.0 kVA			EXIST. SPARE				1	20 A	40
41	20 A	1				EXIST. SPARE					0.0 kVA	0.0 kVA	EXIST. SPARE				1	20 A	42
	1				1		1182	7 VA	816	7 VA	848	7 VA		1		1	1		
							99		68			1 A	1						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
Receptacle	180 VA	100.00%	180 VA		
Power	17360 VA	100.00%	17360 VA	Total Conn. Load:	28480 VA
Lighting	10940 VA	125.00%	13675 VA	Total Est. Demand:	31215 VA
				Total Conn.:	79 A
				Total Est. Demand:	87 A
Load Summary Notes:	·				



Panel Sc	chedule			Lo Supply Mo Enc	nel: L ocation: y From: E ounting: S closure: N ections:	:P SURFACE				Volts: Phases: Wires:				Mains R	Rating: 10,000 Rating: 100 A Rating: 100 A					
СКТ	TRIP	POLES	WIRE	GND	CONDUIT	T Circuit Description	n	A		E	3		С	Circuit Description	CONDUIT	GND	WIRE	POLES	TRIP	СКТ
1 3 5	30 A	3	4#8	#10	1"	POLE "M1"	0.9 k	VA	0.9 kVA	0.9 kVA	0.9 kVA	0.9 kVA	0.9 kVA	POLE "M2"	1"	#8	4#8	3	30 A	2 4 6
7 9 11	30 A	3	4#8	#10	1"	POLE "M3"	0.91	VA	0.9 kVA	0.9 kVA	0.9 kVA	0.9 kVA	0.9 kVA	POLE "M4"	1"	#10	4#8	3	30 A	8 10 12
13	20 A	1	2#12	#12	3/4"	LTG CONTROL PANEL	0.5 k	:VA	1.9 kVA					M4 CONTROL PWR	3/4"	#10	2#8	1	20 A	14
15	20 A	1	2#8	#10	3/4"	M1 CONTROL PWR				0.5 kVA	0.2 kVA			RCPT LTG RACK	3/4"	#12	2#12	1	20 A	16
17	20 A	1	2#8	#10	3/4"	M2 CONTROL PWR						0.5 kVA	0.5 kVA	M3 CONTROL PWR	3/4"	#10	2#8	1	20 A	18
19		1				SPACE			0.0 kVA											20
21		1				SPACE					0.0 kVA			SPD				3	60 A	22
23		1				SPACE							0.0 kVA							24
								6067	VA	432	7 VA	464	17 VA							
								51 A	Α	36	5 A	3	9 A							
	assificat	tion				Co	onnected Lo	ad	D	emand Fac	tor	Estima	ted Deman	d	Pane	l Total	S			
Load Cit	cle						180 VA			100.00%		1	180 VA							
							3920 VA			100.00%		3	920 VA	То	tal Conn. Load	: 1504	0 VA			
Receptac										405.000/		4.0	2075 \ / 4		15 4 5	. 1777	T \ / A			
Receptad Power Lighting							10940 VA			125.00%		13	3675 VA	lota	al Est. Demand	: 1///	5 VA			
Receptad Power							10940 VA			125.00%		13	3675 VA	lota	Total Conn.		5 VA			

	4-\	WIRE FEEDER SCHEDULE	
STD. FUSE OR BKR TRIP SIZE	# OF SETS	WIRE QUANTITY AND SIZE	CONDUIT SIZE (MINIMUM)
30	1	4#10 THWN, 1#10 GND	3/4"
60	1	4#6 THWN, 1#8 GND	1-1/4"
100	1	4#2 THWN, 1#6 GND	1-1/4"
125	1	4#1 THWN, 1#6 GND	1-1/2"
150	1	4#1/0 THWN, 1#6 GND	2"
200	1	4#3/0 THWN, 1#4 GND	2"
400	2	4#3/0 THWN, 1#3 GND	2-1/2"
600	2	4#350 THWN MCM, 1#1 GND	3"
800	3	4#300 THWN MCM, 1#1/0 GND	3"
NOTES:	1	1	<u> </u>

ALL FEEDER SIZES LISTED MAY NOT BE SHOWN IN POWER RISER

- ELECTRICAL CONTRACTOR TO VERIFY SIZE REQUIRED IF WIRE TYPES
 OTHER THAN THOSE LISTED ABOVE ARE USED.
 REFER TO THE LATEST EDITION OF THE NEC FOR CONDUIT TYPES
 REQUIRED PER THEIR TABLES.
- ALL CONDUCTORS TO BE COPPER.
 "VD" INDICATES WIRE UPSIZED FOR VOLTAGE DROP.
 "NG" INDICATES NO GROUND CONDUCTOR REQUIRED.

RISER DIAGRAM KEYNOTE:

- PROVIDE AND INSTALL ONE (1) 3/4"C, 2#12 THWN & 1#12 GND.
- PROVIDE AND INSTALL ONE (1) 1"C, 4#8 THWN & 1#10 GND FROM PANEL "LCP" TO POLE, AND ONE (1) 1"C, 2#6 THWN & 1#10 GND FROM PANEL"LCP" TO CONTACTOR PANELS MOUNTED ON POLES

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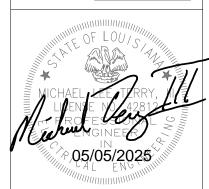
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SCHEDULES

RISER DIAGRAM &

REGALA REGALA ST. JOHN

project no. <u>2</u>4-1130-0023 05-05-2025



SAND FILL

9 DETAIL - GROUNDWELL N.T.S.

12" X 3'-0" CLAY SEWER PIPE

3/4" X 10'-0" COPPERWELD GROUND ROD

GROUNDING

GROUND WIRE TO EQUIPMENT

MOUNTED SPD. SEE PANEL SCHEDULE.

REFERENCE THE "SURGE PROTECTION DEVICE" SPECIFICATION FOR

6 PANEL NAME AS PER PROJECT PANEL.

ADDITIONAL INSTALLATION REQUIREMENTS.

 $\langle 5 \rangle$ NAMEPLATE.

CONTRACTOR'S ATTENTION:

NIPPLE SHALL BE NO

LONGER THAN 6" LONG

10 DETAIL - EXTERNAL SPD INSTALLATION N.T.S.

SPD 1

VERTICAL ORIENTATION

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CONCRETE ENCASEMENT

----RGS LONG RADIUS 90

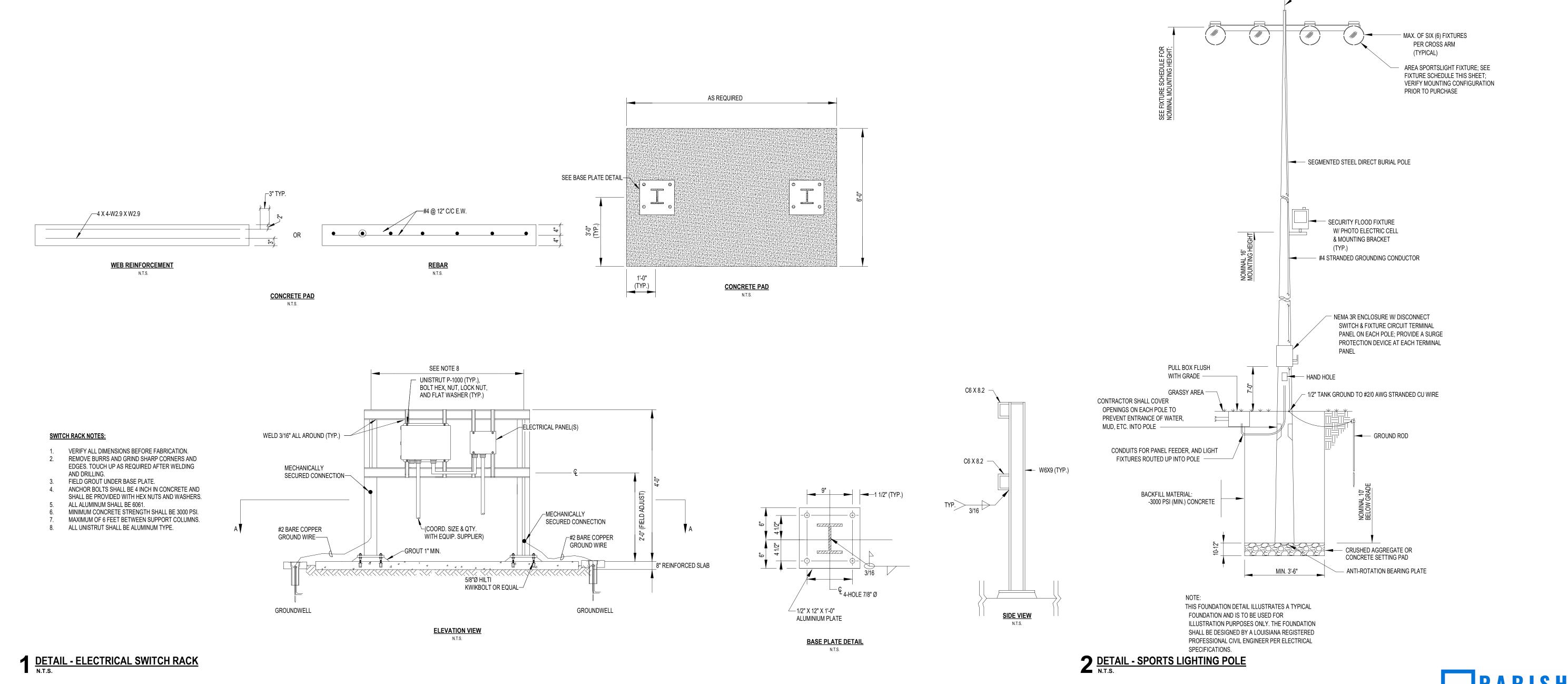
PVC TO RGS COUPLING

(CONCRETE TIGHT)

SUBMIT DIGITAL PHOTOGRAPHS OF INSTALLATION PRIOR TO POURING CONCRETE AND AFTER POURING CONCRETE.

PVC CONDUIT—

11 DETAIL - STUB-UP N.T.S.



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