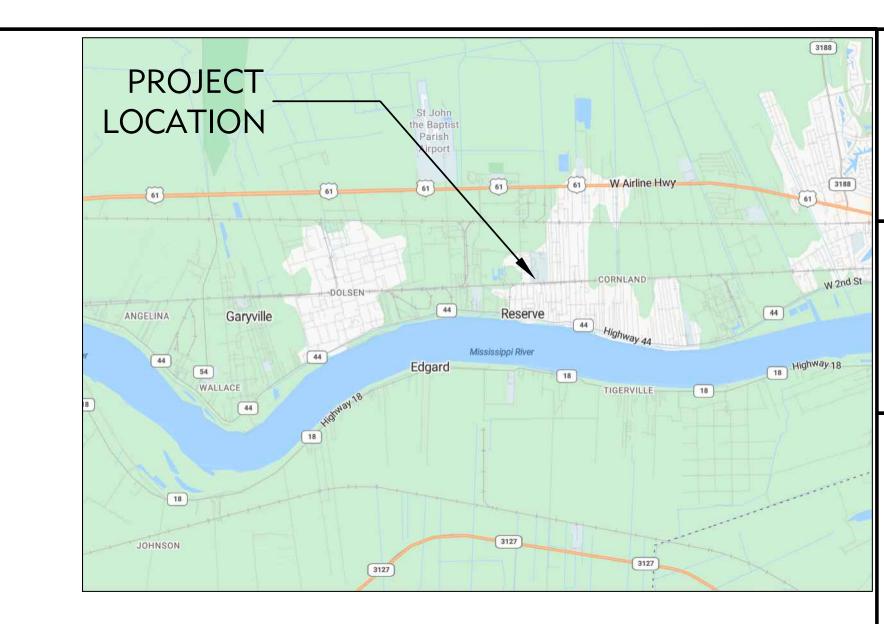
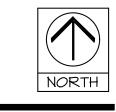
SHEET INDEX						
#	SHEET TITLE					
1	TITLE SHEET					
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REGALA PARK FLAG FOOTBALL FIELD

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



LOCATION MAP



sheet no.

VICINITY MAP

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

ST. JOHN THE BAPTIST PARISH

JACLYN HOTARD - PARISH PRESIDENT

PETER MONTZ - CHIEF ADMINISTRATIVE OFFICER

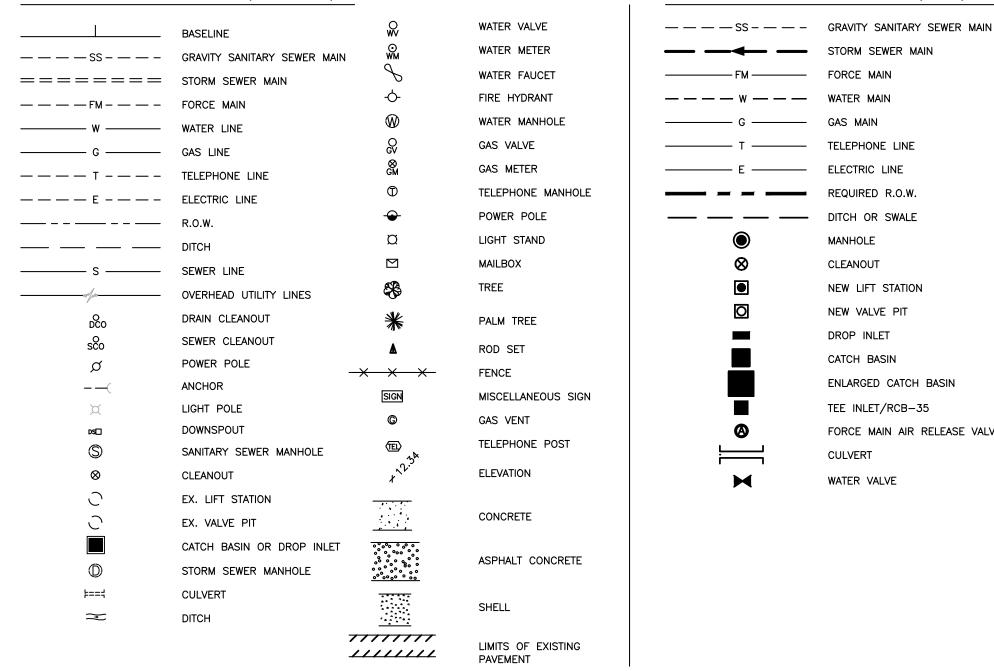


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GENERAL NOTES

- 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/E 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)

REQUIRED R.O.W.

MANHOLE

CLEANOUT

NEW LIFT STATION

NEW VALVE PIT

DROP INLET

CATCH BASIN

CULVERT

WATER VALVE

ENLARGED CATCH BASIN

FORCE MAIN AIR RELEASE VALVE

TEE INLET/RCB-35

- 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,
- 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.

INJURY OR LOSS TO EMPLOYEES ON THE WORK AND OTHER PERSONS WHO MAY BE AFFECTED.

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

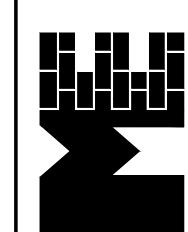
REDUCER/INCREASER

AIR RELEASE VALVE

&	AND [FH	FIRE HYDRANT	PSI	POUNDS PER SQUARE INCH
<	ANGLE	F.L.	FLOW LINE	PT.	POINT
CL	CENTERLINE	FM	FORCE MAIN	PVC	POLYVINYL PIPE
0	DIAMETER OR ROUND	FT.	FOOT OR FEET	QTR.	QUARTER
#	NUMBER	GA.	GAUGE	QTY.	QUANTITY
π AC	ASBESTOS CEMENT	GAL.	GALLON	r	RADIUS
A.D.	AREA DRAIN	GPM	GALLONS PER MINUTE	r R.	RIGHT
ADD.	ADDENDUM	GYP.	GYPSUM	RCPA	REINFORCED CONCRETE PIPE ARCH
A/E	ARCHITECT			RCB	REINFORCED CONCRETE BOX
A/L	OR ENGINEER	H/C	HANDICAPPED	RCP	REINFORCED CONCRETE PIPE
ALT		HGT.	HEIGHT	RD.	ROAD
ALT.	ALTERNATE	HP	HORSEPOWER	REF.	REFERENCE
APPROX.	APPROXIMATE	HORIZ.	HORIZONTAL	REINF.	REINFORCED
ASPH.	ASPHALT	HWY.	HIGHWAY	REQ'D.	REQUIRED
AVE.	AVENUE	ID 	INSIDE DIAMETER (DIM.)	REV.	REVISION
AVG.	AVERAGE	IN.	INCH	R.O.W.	RIGHT OF WAY
BITUM.	BITUMINOUS	INT.	INTERIOR	RPM	REVOLUTION PER MINUTE
BL	BASELINE	INV.	INVERT	S.	SOUTH
BLDG.	BUILDING	IR	IRON ROD	SD	STORM DRAIN
BM	BENCH MARK	JCT.	JUNCTION	SECT.	
BRG.	BEARING	JT.	JOINT		SECTION
CPA	CONCRETE PIPE ARCH	L.	LEFT	SFM	SEWERAGE FORCE MAIN
CB	CATCH BASIN	LB.	POUND	SIM.	SIMILAR
C.D.	CAIRO DATUM	LF	LINEAR FOOT	SMH	SEWER MAN HOLE
CFS	CUBIC FEET	LS	LUMP SUM	SPEC.	SPECIFICATION(S)
0.1	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
CMPA	CORRUGATED	МН	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	TBM	TEMPORARY BENCH MARK
CSP	CORRUGATED	N.	NORTH	T.C.	TOP OF CASTING, TOP OF CURB,
	STEEL PIPE	N/A	NOT APPLICABLE		OR TOP OF CONCRETE
CULV.	CULVERT	N.D.P.	NO DIRECT PAYMENT	TEL.	TELEPHONE
DEPT.	DEPARTMENT	N.G.V.D.	NATIONAL GEODETIC	T.O.C.	TOP OF CASTING, TOP OF CURB,
DI	DUCTILE IRON		VERTICAL DATUM		OR TOP OF CONCRETE
	OR DROP INLET	N.I.C.	NOT IN CONTRACT	TOD	
DIA.	DIAMETER	NOM.	NOMINAL	T.O.P.	TOP OF PAVEMENT OR TOP OF PIPE
DIM.	DIMENSION	N.T.S.	NOT TO SCALE	T/W	TOP OF WALL
DR.	DRIVE	O.C.	ON CENTER	TYP.	TYPICAL
DRWY.	DRIVEWAY	OD	OUTSIDE DIAMETER (DIM.)	U.G.	UNDER GROUND
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/o	WITHOUT
ELEC.	ELECTRICAL	PL	PROPERTY LINE	WT.	WEIGHT
EMB.	EMBANKMENT	POT	POINT OF TANGENT	WSE	WATER SURFACE ELEVATION
ENCL.	ENCLOSURE	P.P.	POWER POLE	W.W.F.	WELDED WIRE FABRIC
EQUA.	EQUATION	PREFAB.	PREFABRICATED	YD.	YARD
E.W.	EACH WAY				
EXIST.	EXISTING				
EXP.	EXPANSION				

24-1130-004 drawn DPD checked 02/05/2025 revised ED CONCRETE PIPE ARCH





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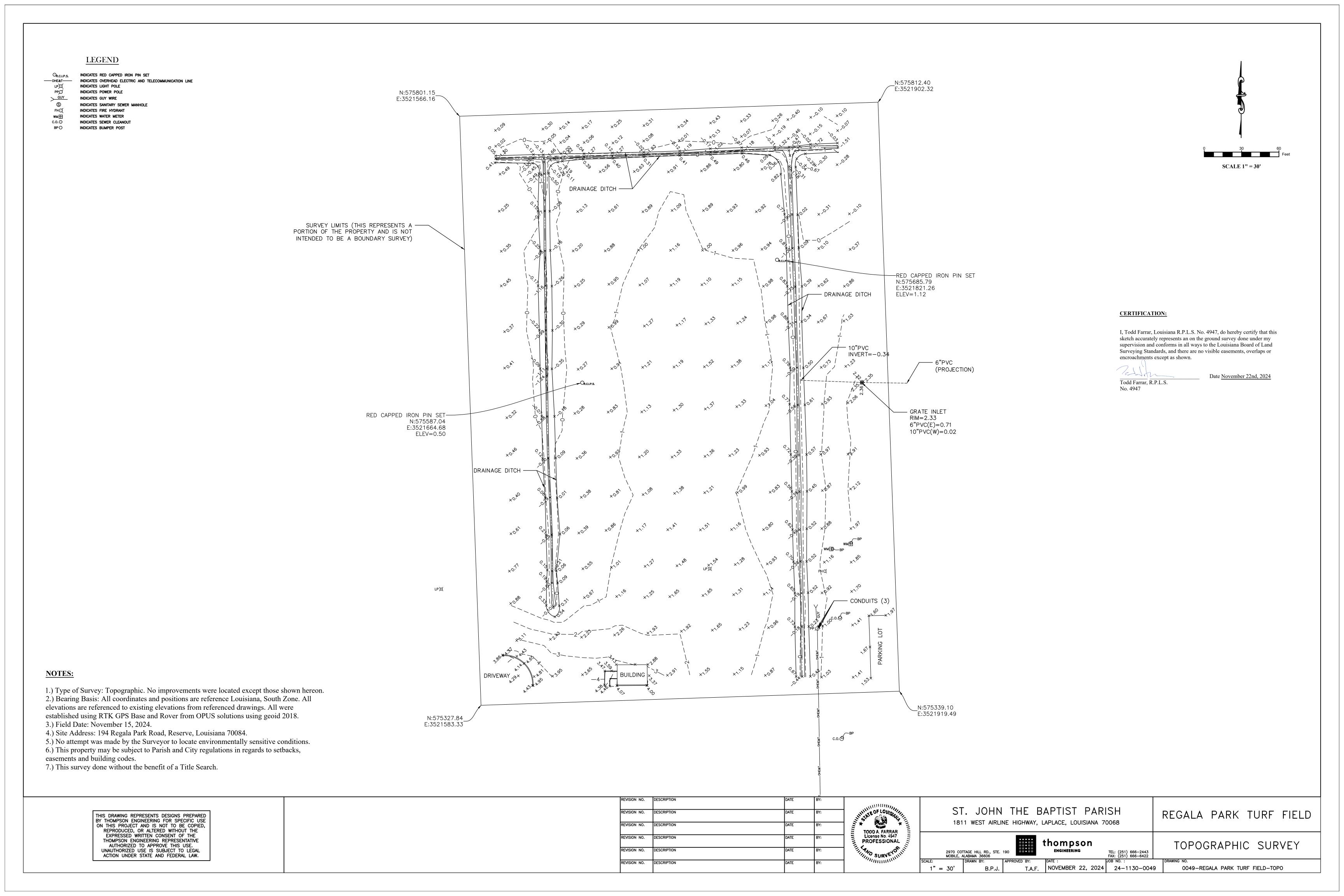
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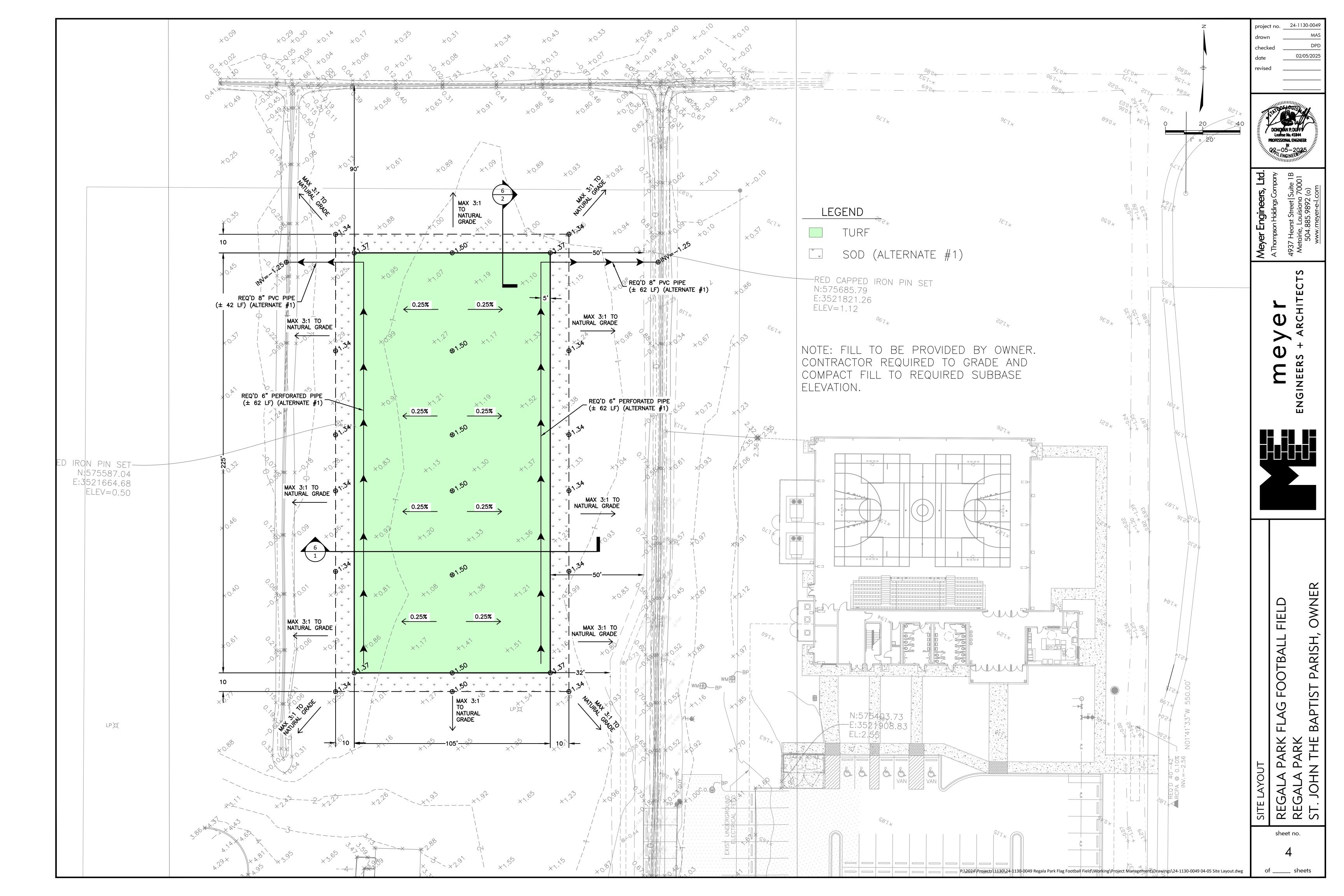
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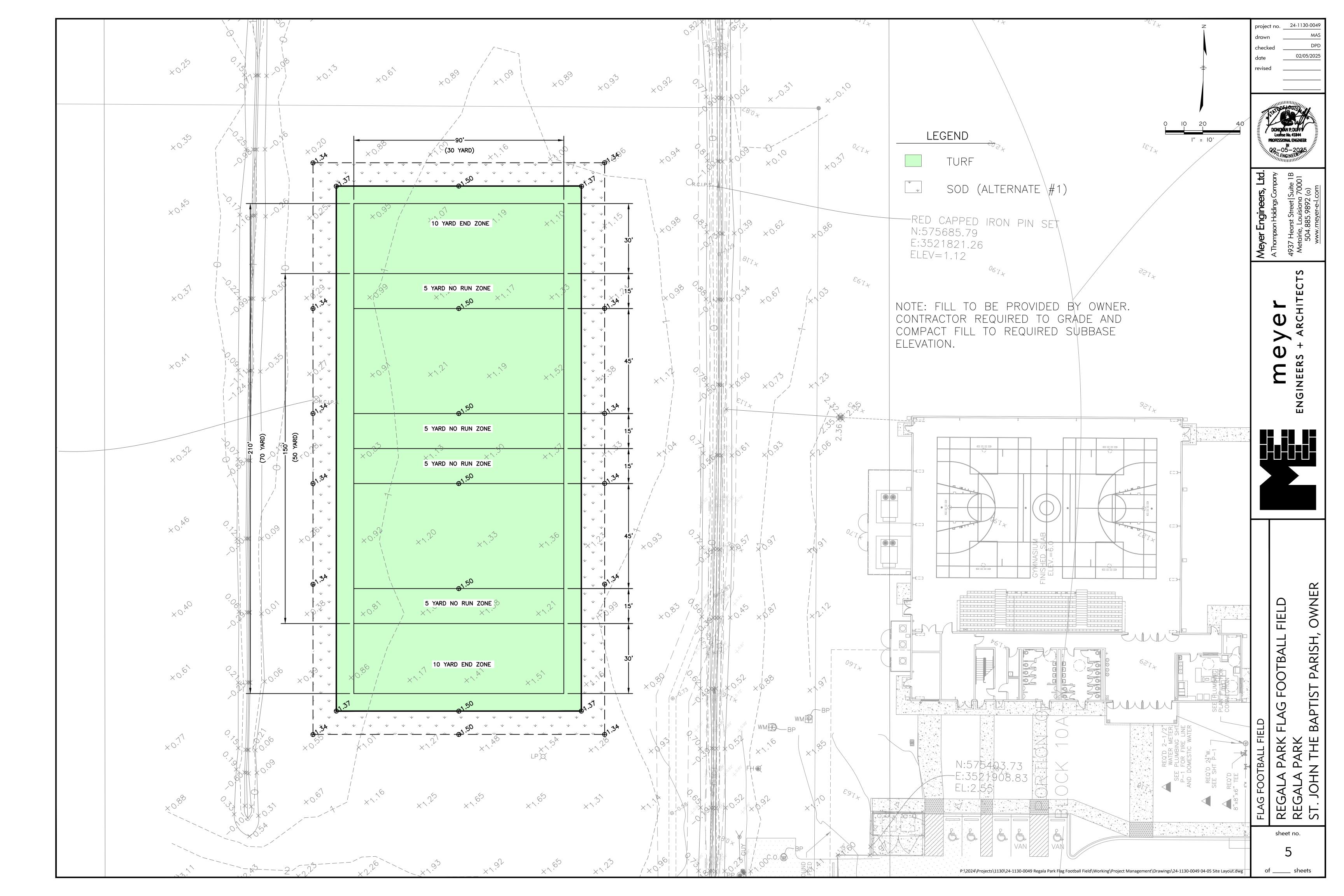
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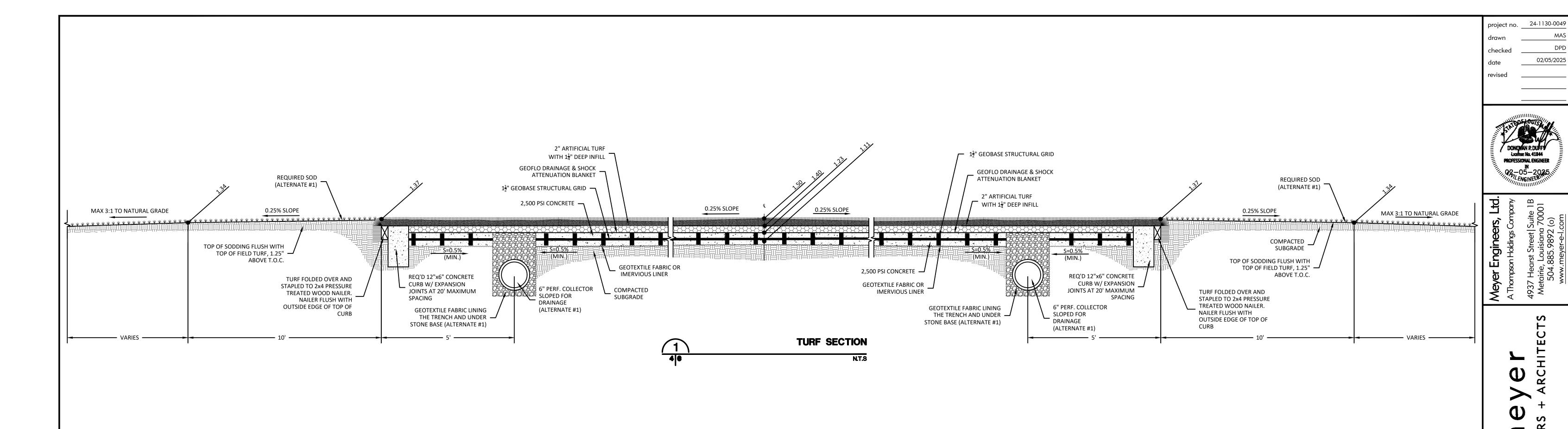
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BACKFILL WITH USABLE

EXCAVATED MATERIAL

COMPACTED GRANULAR

UNDISTURBED SOIL -

MATERIAL

FLEXIBLE DRAINAGE PIPE INSTALLATION

(ALTERNATE #1)

UNDER NATURAL GROUND N.T.S

GEOFLO DRAINAGE & SHOCK ATTENUATION BLANKET

2,500 PSI CONCRETE

GEOTEXTILE FABRIC OR IMERVIOUS LINER

 $1\frac{1}{2}$ " GEOBASE STRUCTURAL GRID \neg

2" ARTIFICIAL TURF WITH 1¹/₄" _ DEEP INFILL

0.25% SLOPE

COMPACTED

SUBGRADE

REQ'D 12"x6" CONCRETE CURB W/ EXPANSION JOINTS AT 20' MAXIMUM

SPACING

TOP OF SODDING FLUSH WITH

0.25% SLOPE

TOP OF FIELD TURF, 1.25" —

ABOVE T.O.C.

TURF FOLDED OVER AND

TREATED WOOD NAILER. _ NAILER FLUSH WITH

OUTSIDE EDGE OF TOP OF

CURB

NATURAL GRASS AND

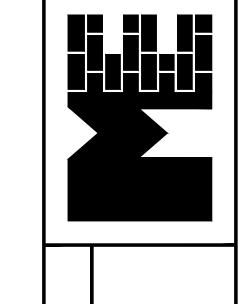
ARTIFICIAL TURF EDGE DETAIL

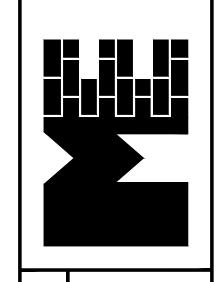
STAPLED TO 2x4 PRESSURE

REQUIRED SOD

MAX 3:1 TO NATURAL GRADE

(ALTERNATE #1)





MISCELLANEOUS DETAILS RE(RE(ST.

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