



1.0 SCOPE:

GENERAL NOTES

1.1 THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, PERMIT FEES TAXES AND SERVICE REQUIRED TO COMPLETE THE PROJECT AS NOTED IN THE PLANS AND SPECIFICATIONS. THE GENERAL CONDITIONS SHALL APPLY TO THE PERFORMANCE OF THIS CONTRACT.

1.2 THIS PLAN IS INTENDED TO SHOW THE OVERALL SCOPE OF WORK TO BE DONE. IT DOES NOT SHOW ALL OF THE SPECIFIC MINOR ITEMS THAT WILL BE REQUIRED OR BE REMOVED TO COMPLETE THE WORK AT NO DIRECT PAY.

1.3 THE CONTRACTOR SHALL VISIT THE JOB SITE AND PERFORM A WALK-THRU WITH THE OWNER TO FAMILIARIZE HIMSELF WITH THE PROJECT CONDITIONS AT NO DIRECT PAY.

1.4 ALL WORK SHALL BE CUT, PATCHED OR MODIFIED AS REQUIRED AND REFINISHED, AS WELL AS REFINISHING EXISTING ITEMS REMAINING TO ACHIEVE A CONSTANT FINISH AND A SATISFACTORY COMPLETED CONDITION.

1.5 CONTRACTOR TO COORDINATE WITH PHASE 2 CONTRACTOR AS PHASE 1 AND PHASE 2 CONSTRUCTION TO TAKE PLACE APPROXIMATELY AT THE SAME TIME.

2.0 PERMITS:  
THE CONTRACTOR SHALL SECURE ALL NECESSARY BUILDING PERMITS AT NO DIRECT PAY.

3.0 QUALIFICATIONS OF CONTRACTOR:  
THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE LICENSED BY THE STATE OF LOUISIANA.

4.0 EXISTING CONDITIONS:  
THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE REQUIRED TO FIELD CHECK AND VERIFY ALL EXISTING CONDITIONS AND BE RESPONSIBLE FOR COORDINATION OF SAME. NOTIFY THE ENGINEER IN WRITING IF ANY DISCREPANCY EXISTS.

5.0 DO NOT SCALE DRAWINGS.

6.0 PROTECTION, CLEAN UP, AND LIFE SAFETY:

6.1 THE CONTRACTOR SHALL CLEANUP WORK AREAS ON A DAILY BASIS, AND CLEAN UP AREAS OUTSIDE THE BARRICADED AREAS WHICH REMAIN IN USE BY THE OWNER DURING THE CONSTRUCTION PHASE.

7.0 CONTRACTOR'S STAGING AREA:

7.1 THE CONTRACTOR SHALL USE THE DESIGNATED "CONTRACTOR'S STAGING AREA" FOR DELIVERY AND TRANSFER MATERIALS.

7.2 DELIVERY OF A MATERIALS SHALL BE COORDINATED AND SCHEDULED WITH THE OWNER'S REPRESENTATIVE.

7.3 THE CONTRACTOR SHALL RESTORE THE STAGING AREA TO ITS ORIGINAL CONDITION, INCLUDING SODDING, CURBING, AND PAVING WHICH MAY NEED TO BE REMOVED OR DAMAGED DURING THE DURATION OF THE PROJECT.

8.0 SAFETY:  
ALL EQUIPMENT USED ON THE JOB SHALL BE OPERATED PER OSHA REGULATIONS.

9.0 ALL SURFACES DAMAGED BY DEMOLITION SHALL BE REPAIRED AND REFINISHED TO MATCH ADJACENT SURFACES.

10.0 SCHEDULING:

10.1 THE GENERAL CONTRACTOR SHALL COORDINATE SCHEDULE WITH THE OWNER FOR ACCESS TO THE SPACE, WORKING HOURS, DELIVERY OF MATERIALS, AND REMOVAL OF CONSTRUCTION DEBRIS, AND SHALL NOT

PERMIT HIS SUBCONTRACTORS, PERSONNEL, OR SUPPLIERS TO INTERFERE WITH OPERATIONS.

10.2 FOR DEMOLITION AND CONSTRUCTION REQUIRING POWER OR NOISE GENERATING TOOLS, OR INSTALLATION OF PRODUCTS WITH STRONG ODORS THE CONTRACTOR SHALL SUPPLEMENT VENTILATION OR SOUND SUPPRESSION IF REQUIRED BY THE OWNER AT NO DIRECT PAY.

10.3 WHEN INSTALLING PRODUCTS WITH STRONG ODORS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AT LEAST 24 HOURS IN ADVANCE, AND SHALL FURNISH AND POST ON THE JOB SITE M.S.D.S. SHEETS.

10.4 THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK, TRASH REMOVAL, STORAGE, ETC. WITH THE BUILDING OWNER AT NO DIRECT PAY.

10.5 CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE PARISH FACILITIES DEPARTMENT ALL DEMOLITION THAT WILL HAVE AN EFFECT ON THE FACILITY.

11.0 WARRANTIES:  
THE CONTRACTOR SHALL WARRANT HIS WORK TO BE FREE OF DEFECTS FOR 12 MONTHS FROM DATE OF ACCEPTANCE, EXCEPT FOR STATUTORY OR MANUFACTURER'S WARRANTIES WHICH MAY EXCEED THE MINIMUM TIME NOTED ABOVE.

12.0 INDEMNIFICATION:  
THE ENGINEER WILL NEITHER HAVE CONTROL OR CHARGE OF, NOR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, SINCE THESE ARE SOLELY THE CONTRACTOR'S RIGHTS AND RESPONSIBILITIES UNDER THE CONTRACT DOCUMENTS. THE ENGINEERS WILL NOT HAVE CONTROL OVER OR CHARGE OF AND WILL NOT BE RESPONSIBLE FOR ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR THEIR AGENT'S EMPLOYEES, OR ANY OTHER PERSONS OR ENTITIES PERFORMING PORTIONS OF THE WORK.

PROJECT NOTES

1. GENERAL

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS, INCLUDING DIMENSIONS, PERTAINING TO THE PROJECT AND FOR PROVIDING AN IMMEDIATE NOTIFICATION TO THE ENGINEER OR ANY DISCREPANCIES FOUND.

POTENTIAL CONFLICTS, ERRORS OR OMISSIONS PRESENT WITHIN THE DRAWINGS SHALL BE IDENTIFIED BY THE CONTRACTOR DURING HIS/HER EARLY REVIEW OF THE PROJECT DOCUMENTS. SUCH CONFLICTS, ERRORS OR OMISSIONS SHALL BE COMMUNICATED TO THE ENGINEER IN WRITING PRIOR TO COMMENCEMENT OF WORK. IN THE EVENT OF FAILURE TO PROVIDE SUCH A NOTICE AND SUFFICIENT TIME FOR A RESPONSE, THE CONTRACTOR SHALL BECOME RESPONSIBLE FOR COST OF ALL WORK OR REMEDIAL WORK RESULTING FROM SUCH CONFLICTS, ERRORS OR OMISSIONS, AS WELL AS FOR ITS IMPACT ON THE PROJECT SCHEDULE.

CONTRACTOR AGREES TO HOLD THE OWNER, ENGINEER AND/OR ANY OF THEIR EMPLOYEES OR AGENTS HARMLESS FROM ANY AND ALL DAMAGE AND CLAIMS WHICH MAY ARISE OF HIS SUBCONTRACTORS, OR ANY MATERIAL AND EQUIPMENT SUPPLIERS, AND/OR ANY OF THEIR EMPLOYEES OR AGENTS, IN THE PERFORMANCE OF THIS CONTRACT. IN CASE ANY ACTION IS BROUGHT AGAINST THE OWNER OR ENGINEER, OR ANY OF THEIR EMPLOYEES OR AGENTS, CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DEFENSE THEREOF, TO THE FULL SATISFACTION OF THE LATTER PARTY.

DISCREPANCIES BETWEEN INFORMATION PRESENTED WITHIN PROJECT SPECIFICATIONS AND THAT WITHIN STRUCTURAL NOTES ON PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BY THE CONTRACTOR PRIOR TO PRESENTING HIS OR HER BID. IF SUCH A DISCREPANCY IS DISCOVERED SUBSEQUENT TO BIDDING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE OPTION SUBSEQUENTLY SELECTED BY THE ENGINEER AT NO ADDITIONAL COST.

2. REQUESTS FOR INFORMATION

ALL REQUESTS FOR INFORMATION SHALL BE COMMUNICATED BY THE CONTRACTOR IN WRITING AND FORWARDED TO THE ENGINEER. THE CONTRACTOR SHALL ALLOW FOR SUFFICIENT RESPONSE TIME BY THE ENGINEER.

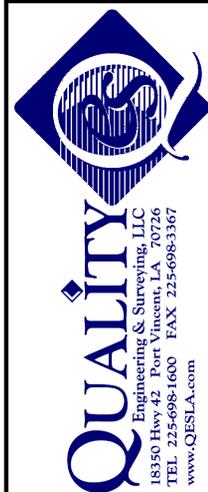
Client:  
**ASCENSION PARISH**  
4307 CHURCHPOINT ROAD  
GONZALES, LA 70737

Project:  
**LAMAR DIXON  
SOCCER COMPLEX**  
9439 S. ST. LANDRY AVE  
GONZALES, LA 70737

**GENERAL NOTES**

LOCATION:  
SECTION 1, TOWNSHIP 2 EAST RANGE 10,  
SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER,  
ASCENSION PARISH, LOUISIANA

DWG Path: P:\14-00-01 Lamar Dixon Soccer Complex Drawings\Engineering\Phase\Current\Combined\_Sets\14-007-00\_TITLE\_SHEET.dwg



Date: APRIL 2016

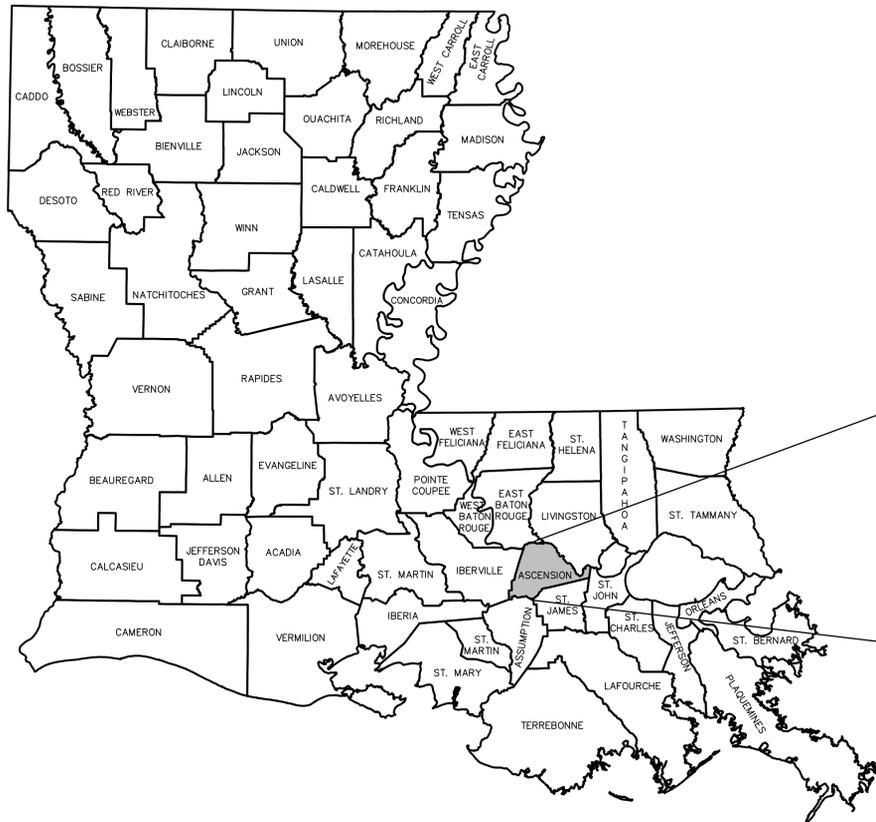
Project No.: 2015.0001

Recreation No.: REC-13-001

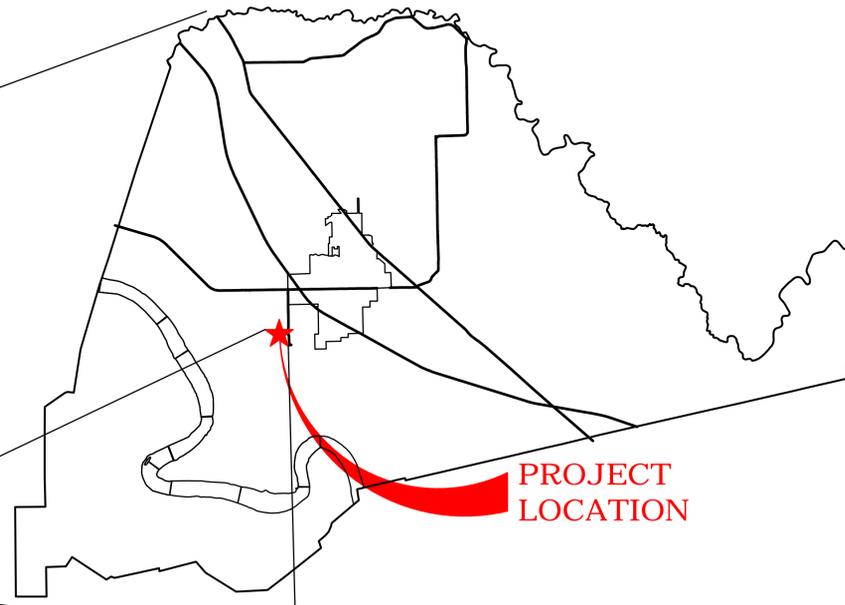
Engineering No.: 14-007

Drawn By: RMB

Sheets  
2 OF 32



STATE MAP  
NOT TO SCALE



PARISH MAP  
NOT TO SCALE



VICINITY MAP  
SCALE 1" = 1000'

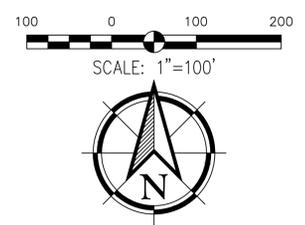
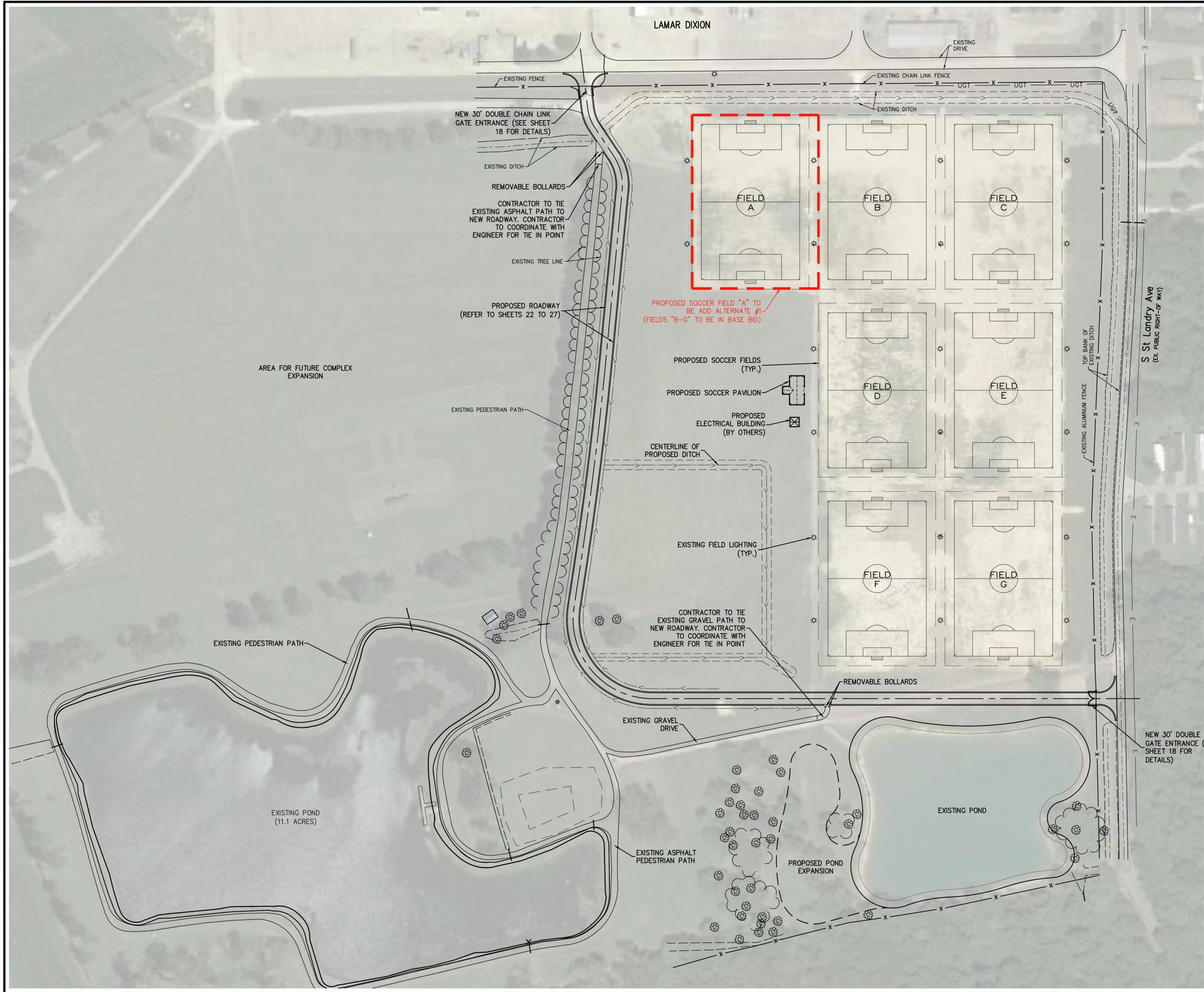
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	Project: <b>LAMAR DIXON SOCCER COMPLEX</b> 9439 S. ST. LANDRY AVE GONZALES, LA 70737
Description:	LOCATED IN SECTION 4, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA
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**QUALITY**  
Engineering & Surveying, LLC  
18350 Hwy. 42, Port Vincent, LA 70726  
TEL. 225-698-1600 FAX 225-698-3367  
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Date:	APRIL 2016
Project No.:	2015.0001
Recreation No.:	REC-13-001
Engineering No.:	14-007
Drawn By:	RMB
3 OF 32	Sheets





\*SEE SHEETS 8 & 9 FOR DRAINAGE SPECIFICS.

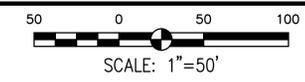
Client:	ASCENSION PARISH 4307 CHURCHPOINT ROAD GONZALES, LA 70737
Project:	LAMAR DIXON SOCCER COMPLEX 9439 S ST. LANDRY AVE GONZALES, LA 70737
Title:	OVERALL SITE PLAN
Description:	LOCATED IN SECTION 1, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA
DWG Path:	P:\14-007-01 Lamar Dixon Soccer Complex\Drawings\Engineering\Plans\Overall\Overall Site Plan.dwg

**QUALITY**  
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www.QUESLA.com

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 APR 16 2016  
 42616

Date:	APRIL 2016
Project No.:	2015.0001
Recreation No.:	REC-13-001
Engineering No.:	14-007
Drawn By:	RMB
Sheet:	5 OF 32



Client: ASCENSION PARISH  
 4807 CHURCHPOINT ROAD  
 GONZALES, LA 70737

Project: LAMAR DIXON  
 SOCCER COMPLEX  
 9439 S.S.T. LAMAR AVE  
 GONZALES, LA 70737

Title: GEOMETRIC LAYOUT

Description: LOCATED IN SECTION 1, TOWNSHIP 14S, RANGE 10S, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DWG Title: P-14-007-01 Lamar Dixon Soccer Complex (Various) Plans (Various) Sols (14-007-01)\_06\_GEOMETRIC\_LAYOUT.dwg

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Date: APRIL 2016

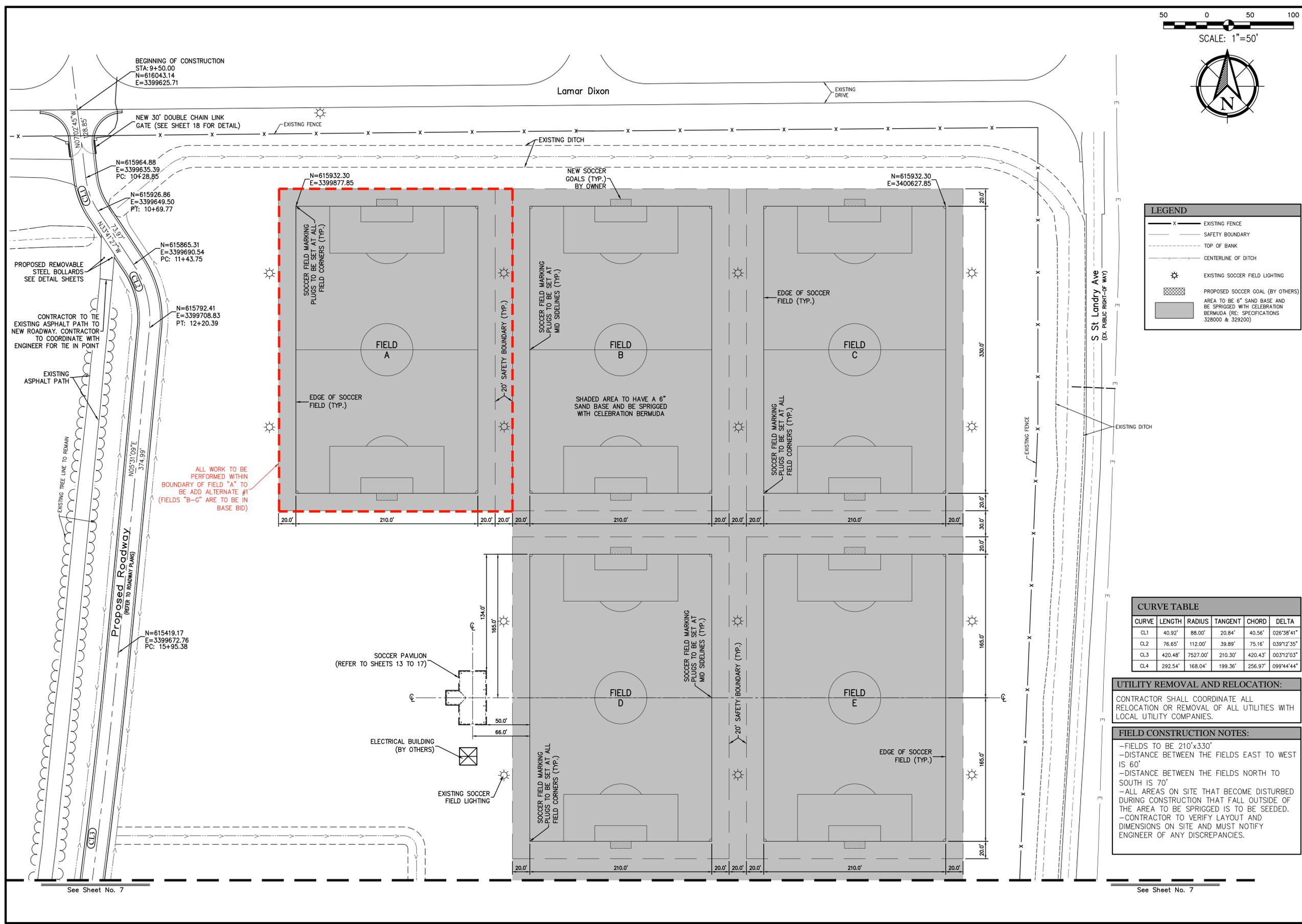
Project No.: 2015.0001

Recreation No.: REC-13-001

Engineering No.: 14-007

Drawn By: RMB

Sheets: 6 OF 32



**LEGEND**

- X — EXISTING FENCE
- SAFETY BOUNDARY
- - - TOP OF BANK
- - - CENTERLINE OF DITCH
- ☼ EXISTING SOCCER FIELD LIGHTING
- ▨ PROPOSED SOCCER GOAL (BY OTHERS)
- ▨ AREA TO BE 6" SAND BASE AND BE SPRIGGED WITH CELEBRATION BERMUDA (RE: SPECIFICATIONS 328000 & 329200)

**CURVE TABLE**

CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
CL1	40.92'	88.00'	20.84'	40.56'	026°38'41"
CL2	76.65'	112.00'	39.89'	75.16'	039°12'35"
CL3	420.48'	7527.00'	210.30'	420.43'	003°12'03"
CL4	292.54'	168.04'	199.36'	256.97'	099°44'44"

**UTILITY REMOVAL AND RELOCATION:**  
 CONTRACTOR SHALL COORDINATE ALL RELOCATION OR REMOVAL OF ALL UTILITIES WITH LOCAL UTILITY COMPANIES.

**FIELD CONSTRUCTION NOTES:**  
 - FIELDS TO BE 210'x330'  
 - DISTANCE BETWEEN THE FIELDS EAST TO WEST IS 60'  
 - DISTANCE BETWEEN THE FIELDS NORTH TO SOUTH IS 70'  
 - ALL AREAS ON SITE THAT BECOME DISTURBED DURING CONSTRUCTION THAT FALL OUTSIDE OF THE AREA TO BE SPRIGGED IS TO BE SEEDDED.  
 - CONTRACTOR TO VERIFY LAYOUT AND DIMENSIONS ON SITE AND MUST NOTIFY ENGINEER OF ANY DISCREPANCIES.

BEGINNING OF CONSTRUCTION  
 STA: 9+50.00  
 N=616043.14  
 E=3399625.71

NEW 30" DOUBLE CHAIN LINK GATE (SEE SHEET 18 FOR DETAIL)

N=615964.88  
 E=3399635.39  
 PC: 10+28.85

N=615926.86  
 E=3399649.50  
 PT: 10+69.77

N=615865.31  
 E=3399690.54  
 PC: 11+43.75

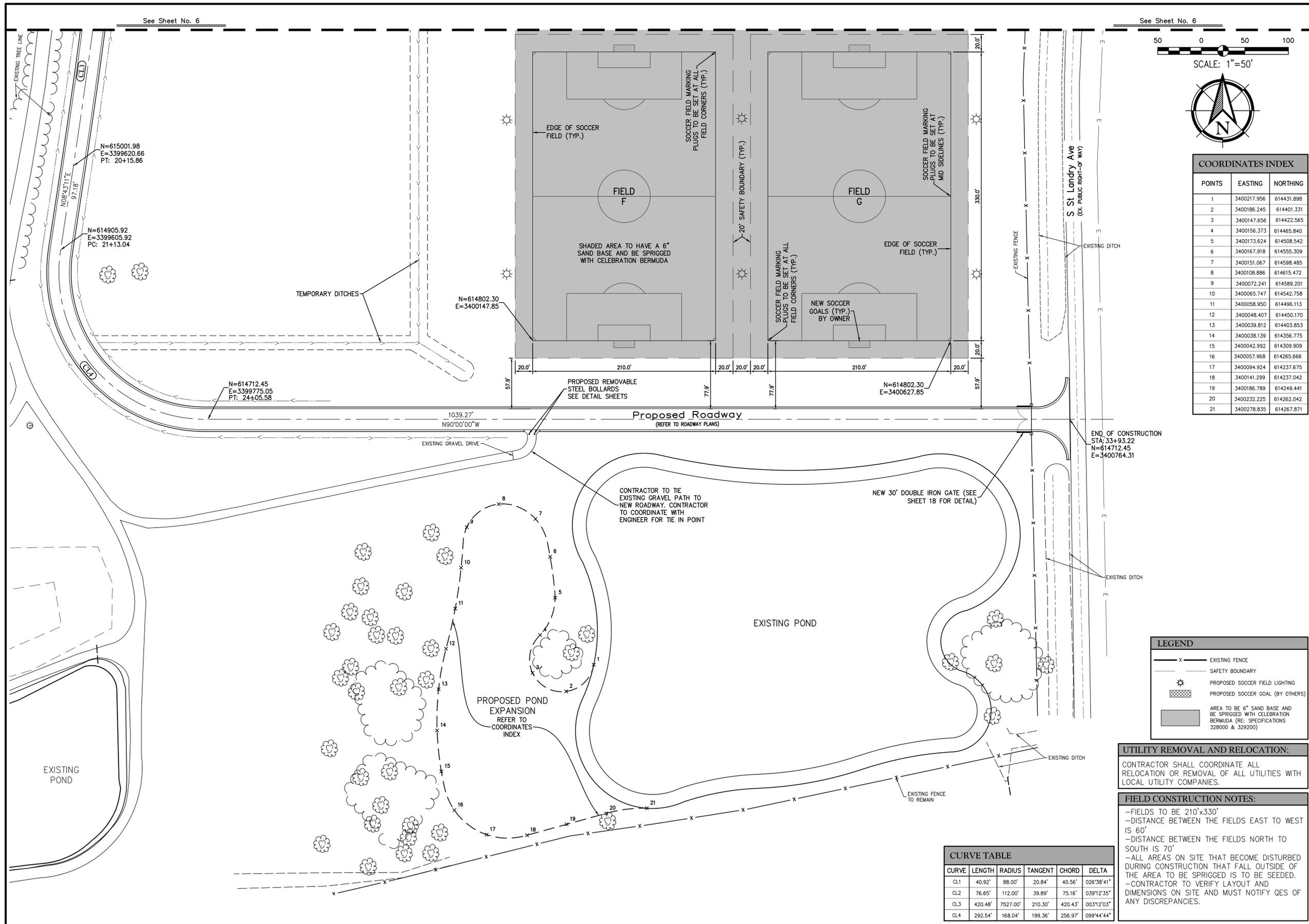
N=615792.41  
 E=3399708.83  
 PT: 12+20.39

N=615419.17  
 E=3399672.76  
 PC: 15+95.38

ALL WORK TO BE PERFORMED WITHIN BOUNDARY OF FIELD "A" TO BE ADD ALTERNATE #1 (FIELDS "B-C" ARE TO BE IN BASE BID)

See Sheet No. 7

See Sheet No. 7



See Sheet No. 6

See Sheet No. 6



SCALE: 1"=50'



**COORDINATES INDEX**

POINTS	EASTING	NORTHING
1	3400217.956	614431.898
2	3400186.245	614401.331
3	3400147.656	614422.565
4	3400156.373	614465.840
5	3400173.624	614508.542
6	3400167.918	614555.309
7	3400151.067	614598.485
8	3400108.886	614615.472
9	3400072.241	614589.201
10	3400065.747	614542.758
11	3400058.950	614496.113
12	3400048.407	614450.170
13	3400039.812	614403.853
14	3400038.139	614356.775
15	3400042.992	614309.909
16	3400057.968	614265.666
17	3400094.924	614237.675
18	3400141.299	614237.042
19	3400186.779	614249.441
20	3400232.225	614262.042
21	3400278.835	614267.871

**LEGEND**

- X- EXISTING FENCE
- SAFETY BOUNDARY
- ☼ PROPOSED SOCCER FIELD LIGHTING
- ▣ PROPOSED SOCCER GOAL (BY OTHERS)
- ▨ AREA TO BE 6" SAND BASE AND BE SPRIGGED WITH CELEBRATION BERMUDA (RE: SPECIFICATIONS 328000 & 329200)

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Client: ASCENSION PARISH  
 4807 CHURCHPOINT ROAD  
 GONZALES, LA 70737

Project: LAMAR DIXON  
 SOCCER COMPLEX  
 9439 S. ST. LANDRY AVE  
 GONZALES, LA 70737

Title: GEOMETRIC LAYOUT

Location: LOCATED IN SECTION 4, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

Description: P-14-001-P Lamar Dixon Soccer Complex (Grass) (Improvements) (Current) (Combined) (Sub) (14-001-00\_06\_GEOMETRIC\_LAYOUT).dwg

**QUALITY**  
 Engineering & Surveying, LLC  
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Professional Engineer  
 License No. 28602  
 APR 16 2016  
 42616

Date: APRIL 2016

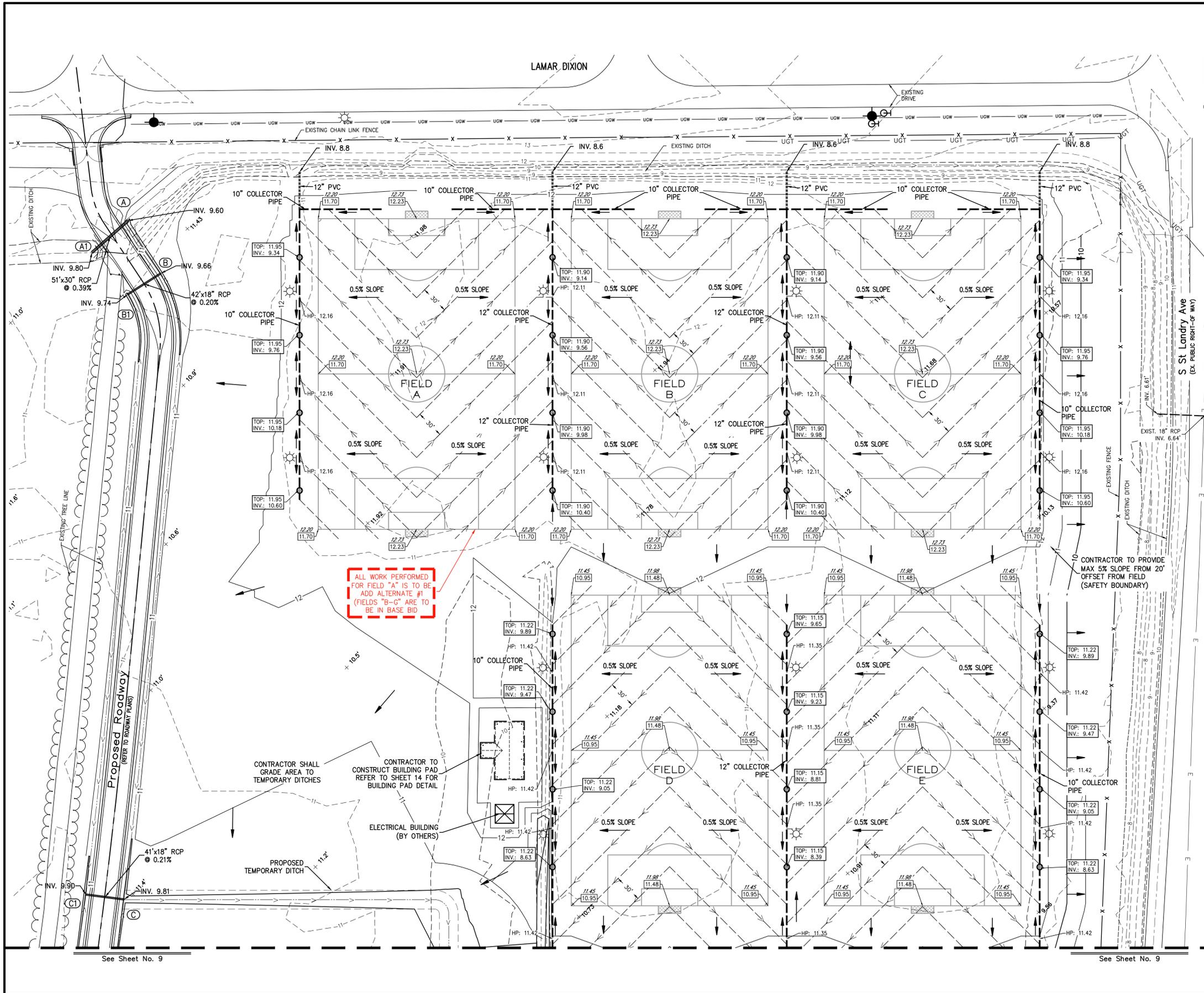
Project No.: 2015.0001

Recreation No.: REC-13-001

Engineering No.: 14-007007

Drawn By: RMB

7 OF 32

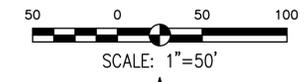


**CATCH BASIN INSERTS**  
 ALL ONSITE CATCH BASINS SHALL HAVE A FLEXSTORM PC INLET FILTER WITH THE ABSORB-IT LINER, MYCELX SKIMMER POUCH, AND STANDARD FRAME OR APPROVED EQUAL.

**UTILITY NOTES:**  
 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.

**DRAINAGE NOTES:**

- 1.) THE MATERIALS AND INSTALLATION USED IN THE CONSTRUCTION OF ALL CATCH BASINS AND DRAINAGE STRUCTURES (I.E. GRATE INLETS, JUNCTION BOXES, ETC.) SHALL CONFORM TO THE LADOTD STANDARD SPECIFICATIONS, SECTION 702, LATEST EDITION. CASTINGS SHALL CONFORM TO ASTM DESIGNATION A48-74 CLASS 30B STANDARDS.
- 2.) ALL STORM DRAINAGE PIPE SHALL BE INSTALLED AND BEDDED AS PER THE CURRENT LADOTD STANDARD (BEDDING AND BACKFILL DETAILS).
- 3.) TOP ELEVATIONS OF ALL STRUCTURES WITHIN LIMITS OF PAVEMENT SHALL, UNLESS OTHERWISE NOTED, MATCH THE PROPOSED PAVEMENT ELEVATIONS.
- 4.) ALL DRAIN PIPE SHALL CONFORM TO THE LADOTD STANDARD SPECIFICATIONS, LATEST EDITION. HOPE, PE AND CMP ARE NOT ACCEPTABLE. (EXCEPT FOR FIELD DRAINAGE)
- 5.) ALL STRUCTURES WITHIN LIMITS OF PAVEMENT SHALL HAVE EXPANSION MATERIAL ADJACENT TO EDGE.
- 6.) STORM DRAINAGE PIPE, OUTLETS, AND CHANNELS SHALL BE PROTECTED BY SILT BARRIERS AND KEPT FREE OF WASTE AND SILT AT ALL TIMES PRIOR TO FINAL SURFACE STABILIZATION AND PAVING.
- 7.) CONTRACTOR TO MAINTAIN A POSITIVE DRAINAGE ON ALL AREAS OF THE SITE.
- 8.) HYDRAWAY DRAIN PIPE TO LAY FLAT AND SPACED 30' O.C.
- 9.) THE SUBSURFACE GRADING TO BE VERIFIED PRIOR TO 6" SAND BASE.
- 10.) CONTRACTOR SHALL FIELD VERIFY ALL EXISTING AND PROPOSED GRADES ON SITE PRIOR TO COMPLETION.



**LEGEND**

- X — EXISTING FENCE
- - - - - EXISTING CONTOURS
- - - - - PROPOSED CONTOURS
- - - - - DITCH CENTERLINE
- - - - - PROPOSED DRAINAGE PIPES (SEE PLANS FOR SIZE)
- 12" PVC
- 10" OR 12" PERFORATED COLLECTOR PIPE (SEE PLANS FOR SIZE)
- 6" FLAT HYDRAWAY 2000
- ⊙ PROPOSED DROP INLET
- ☼ EXISTING SOCCER FIELD LIGHTING
- ⊞ PROPOSED SOCCER GOAL (BY OTHERS)
- 10.25 FINISHED GRADE ELEVATION
- 10.95 SUBGRADE ELEVATION
- HP HIGH POINT
- INV. INVERT ELEVATION
- TOP TOP OF DRAIN INLETS
- DIRECTION OF SURFACE FLOW
- ⊞ GRATE INLET

Client: **ASCENSION PARISH**  
 4807 CHURCHPOINT ROAD  
 GONZALES, LA 70737

Project: **LAMAR DIXON SOCCER COMPLEX**  
 9309 S. LANDRY AVE  
 GONZALES, LA 70737

Title: **SITE DRAINAGE AND GRADING**

Description: **LOCATED IN SECTION 1, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA**

DWG Draft: P:\14-001-01 Lamar Dixon Soccer Complex Drawings\Plans\Drawn\Combined\Sub\14-001-01 SITE DRAINAGE.dwg

**QUALITY**  
 Engineering & Surveying, LLC  
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 www.QESLA.com

Stamps:  
 PROFESSIONAL ENGINEER  
 CIVIL ENGINEERING  
 42616

Date: **APRIL 2016**

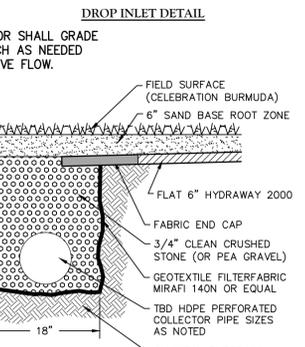
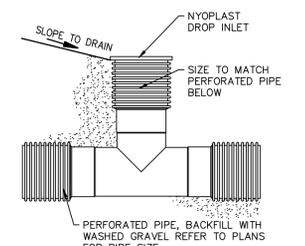
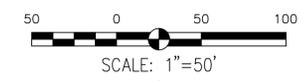
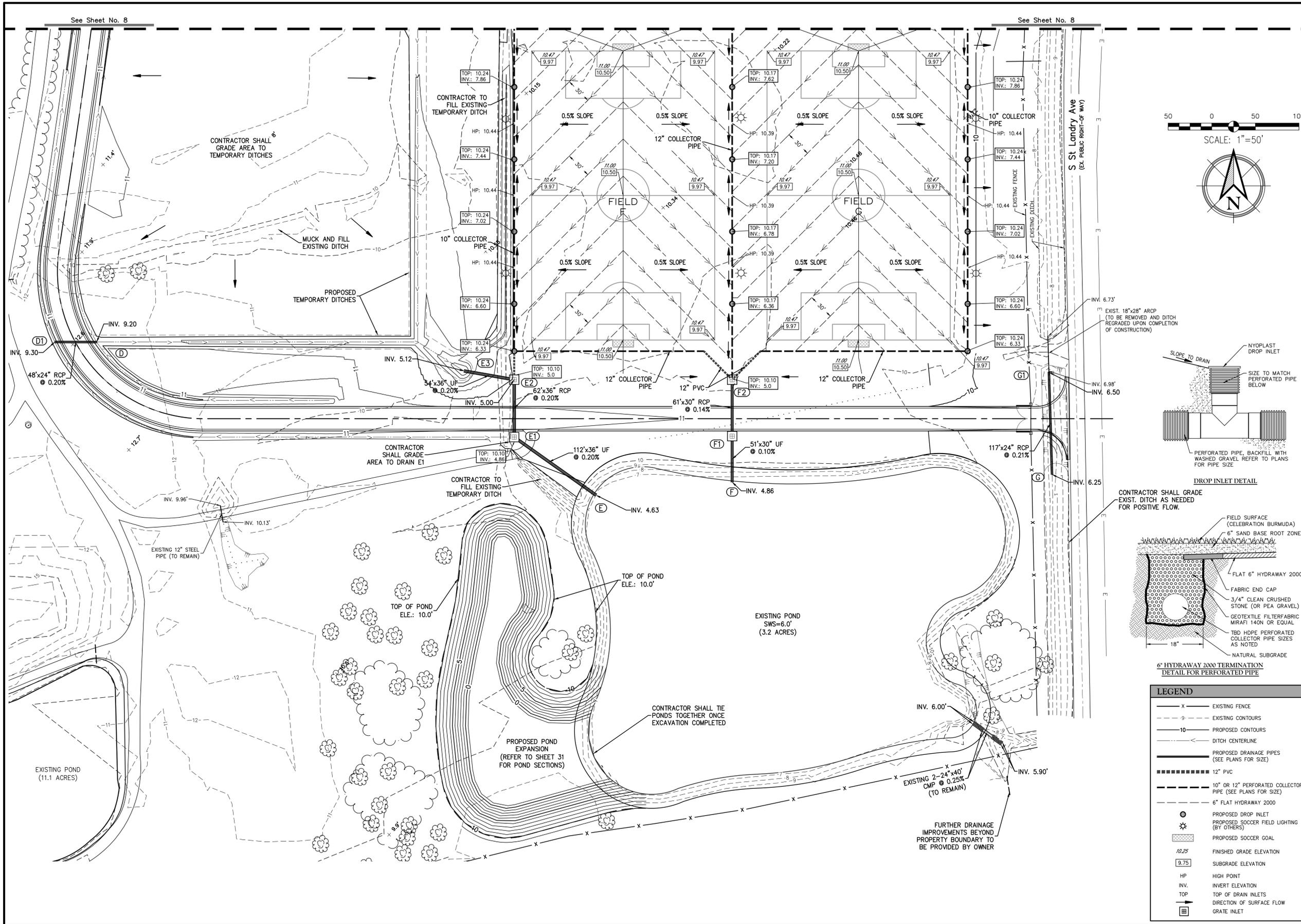
Project No.: **2015.0001**

Recreation No.: **REC-13-001**

Engineering No.: **14-007**

Drawn By: **RMB**

Sheet **8** OF **32**



6" HYDRAWAY 2000 TERMINATION DETAIL FOR PERFORATED PIPE

LEGEND	
— X —	EXISTING FENCE
- - -	EXISTING CONTOURS
- - - 10 - - -	PROPOSED CONTOURS
—	DITCH CENTERLINE
—	PROPOSED DRAINAGE PIPES (SEE PLANS FOR SIZE)
—	12" PVC
—	10" OR 12" PERFORATED COLLECTOR PIPE (SEE PLANS FOR SIZE)
—	6" FLAT HYDRAWAY 2000
⊙	PROPOSED DROP INLET
☆	PROPOSED SOCCER FIELD LIGHTING (BY OTHERS)
⊙	PROPOSED SOCCER GOAL
10.25	FINISHED GRADE ELEVATION
9.75	SUBGRADE ELEVATION
HP	HIGH POINT
INV.	INVERT ELEVATION
TOP	TOP OF DRAIN INLETS
→	DIRECTION OF SURFACE FLOW
⊠	GRATE INLET

Client: ASCENSION PARISH  
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 GONZALES, LA 70737

Title: SITE DRAINAGE AND GRADING

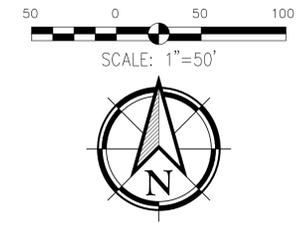
Description: LOCATED IN SECTION 4, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DAWG: P:\14-007-01 Lamar Dixon Soccer Complex Drawings\Plans\Drawn\Combined Set\14-007-01\_07\_SITE DRAINAGE.dwg

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Stamps:  
  
 APR 16 2016

Date: APRIL 2016  
 Project No.: 2015.0001  
 Recreation No.: REC-13-001  
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 Sheet 9 OF 32



Client: ASCENSION PARISH  
 4877 CHURCHPOINT ROAD  
 GONZALES, LA 70737

Project: LAMAR DIXON  
 SOCCER COMPLEX  
 9439 S. ST. LANDRY AVE  
 GONZALES, LA 70737

IRRIGATION PLAN

Location: LOCATED IN SECTION 1, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

Description: P:\14-07-01 Lamar Dixon Soccer Complex Drawings\Engineering\Plans\Current\14-07-01\_00\_01.dwg

Title:

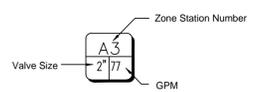
**QUALITY**  
 Engineering & Surveying, LLC  
 18350 Hwy 42, Port Vincent, LA 70726  
 TEL: 225-698-1600 FAX: 225-698-3367  
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Stamps:  
  
 4/26/16

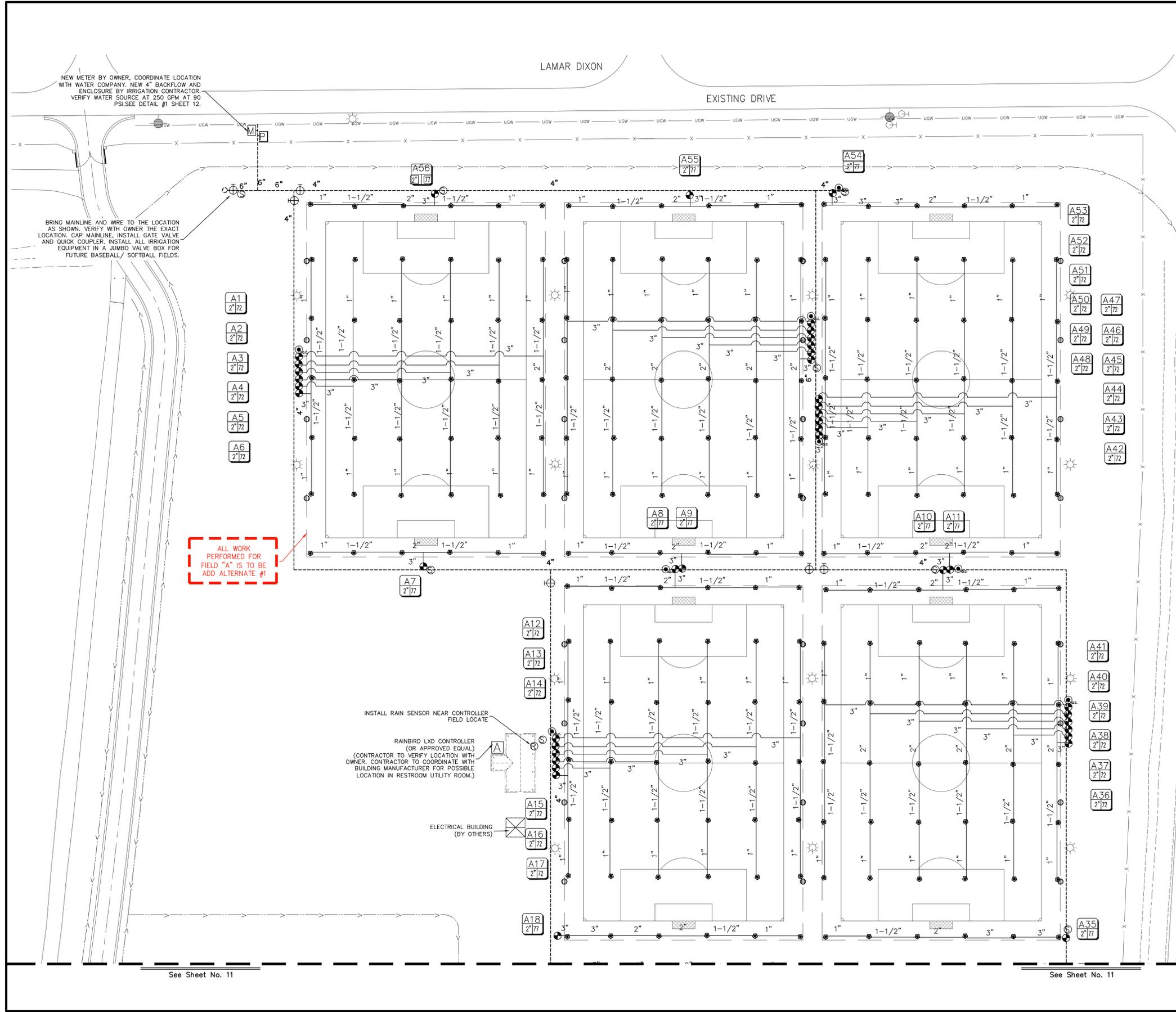
Date:	APRIL 2016
Project No.:	2015.0001
Recreation No.:	REC-13-001
Engineering No.:	14-007
Drawn By:	RMB
Sheets:	10 OF 32

**LEGEND**

	6" AND 4" IRRIGATION MAINLINE, PVC, SDR 21, CLASS 200GJ
	IRRIGATION LATERAL LINE, PVC, SDR 21, CLASS 200
	IRRIGATION CONTROLLER, RAINBIRD ESPLXD TWO WIRE CONTROLLER
	RAINBIRD PGA-200, 2" ELECTRIC VALVE
	RAINBIRD 8005-SS SPORTS TURF ROTOR WITH #10 NOZZLE, 53" MAX, 10.1 GPM AT 60 PSI #14 NOZZLE, 61" MAX, 14.3 GPM AT 60 PSI
	1" QUICK COUPLER VALVE W/ HOSE SWMVL AND KEY, RAINBIRD SRC
	6" AND 4" MANUAL GATE VALVE
	3" METER, 4" BACKFLOW BY IRRIGATION CONTRACTOR. TO BE LOCATED ON SITE SEE DETAIL 1 SHEET 13
	PUMP STATION RAINBIRD MODEL #REG250A0000480X3 480V 3PHASE 310 GPM AT 70 PSI BOOST SEE DETAIL SHEET 11
	SURGE PROTECTION EITHER AT THE VALVE OR AN LSP-1 SURGE PROTECTOR AND GROUND ROD.



S ST LANDRY AVE  
 (EX. PUBLIC RIGHT-OF-WAY)



INSTALL RAIN SENSOR NEAR CONTROLLER FIELD LOCATE

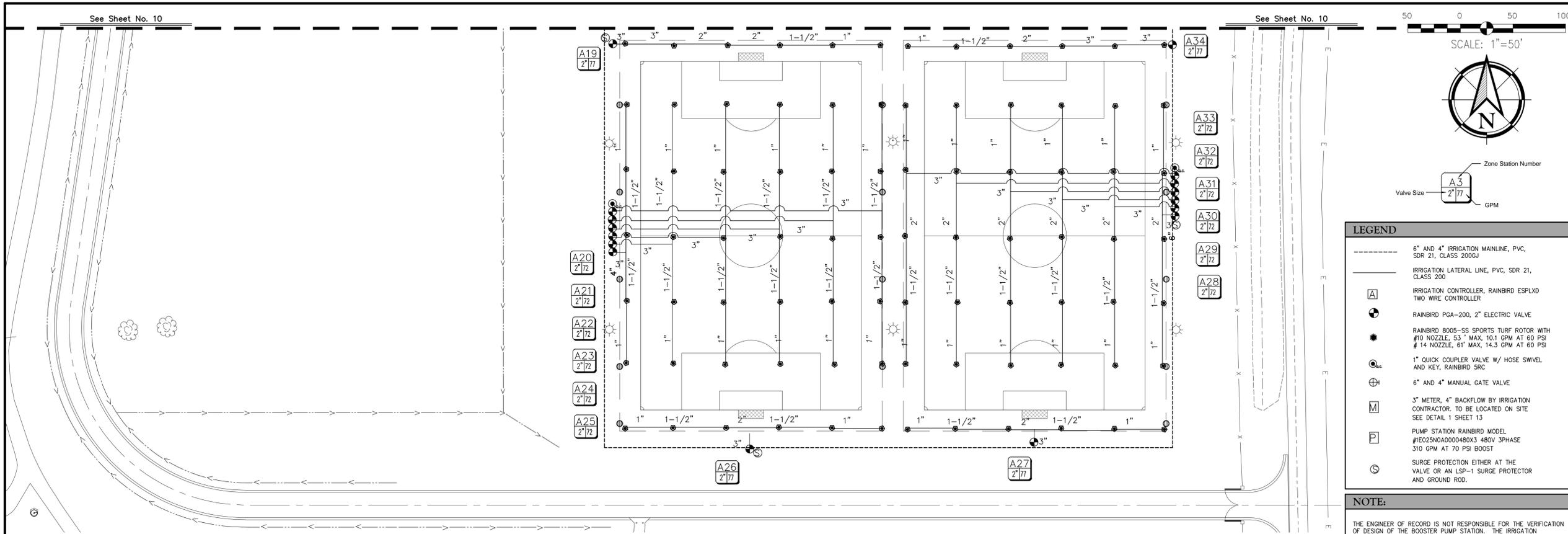
RAINBIRD LXD CONTROLLER (OR APPROVED EQUAL) (CONTRACTOR TO VERIFY LOCATION WITH OWNER. CONTRACTOR TO COORDINATE WITH BUILDING MANUFACTURER FOR POSSIBLE LOCATION IN RESTROOM UTILITY ROOM.)

ELECTRICAL BUILDING (BY OTHERS)

See Sheet No. 11

See Sheet No. 11

DRAWING PROVIDED BY  
  
 Irrigation Design & Consulting  
 www.wc3design.com  
 Tel: (412) 475-0045  
 Columbus, OH • Louisville, KY  
 Pittsburgh, PA



**LEGEND**

- 6" AND 4" IRRIGATION MAINLINE, PVC, SDR 21, CLASS 200GJ
- IRRIGATION LATERAL LINE, PVC, SDR 21, CLASS 200
- [A] IRRIGATION CONTROLLER, RAINBIRD ESPLXD TWO WIRE CONTROLLER
- ⊕ RAINBIRD PGA-200, 2" ELECTRIC VALVE
- ⊙ RAINBIRD 8005-SS SPORTS TURF ROTOR WITH #10 NOZZLE, 53" MAX, 10.1 GPM AT 60 PSI #14 NOZZLE, 61" MAX, 14.3 GPM AT 60 PSI
- ⊕ 1" QUICK COUPLER VALVE W/ HOSE SWIVEL AND KEY, RAINBIRD SRC
- ⊕ 6" AND 4" MANUAL GATE VALVE
- M 3" METER, 4" BACKFLOW BY IRRIGATION CONTRACTOR. TO BE LOCATED ON SITE SEE DETAIL 1 SHEET 13
- P PUMP STATION RAINBIRD MODEL #E025N0A0000480X3 480V 3PHASE 310 GPM AT 70 PSI BOOST
- ⊙ SURGE PROTECTION EITHER AT THE VALVE OR AN LSP-1 SURGE PROTECTOR AND GROUND ROD.

**NOTE:**

THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR THE VERIFICATION OF DESIGN OF THE BOOSTER PUMP STATION. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR THE PROPER DESIGN AND INSTALLATION.

Client: ASCENSION PARISH  
 4307 CHURCHPOINT ROAD  
 GONZALES, LA 70737

Project: LAMAR DIXON  
 SOCCER COMPLEX  
 9339 S.S.T. LANDRI AVE  
 GONZALES, LA 70737

Title: IRRIGATION PLAN

Description: LOCATED IN SECTION 1, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

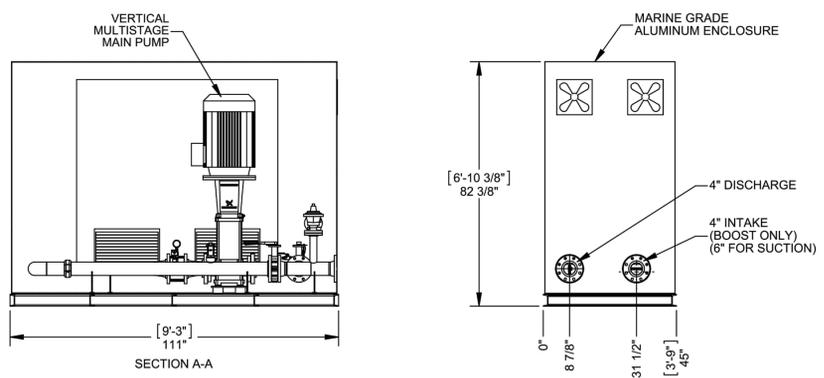
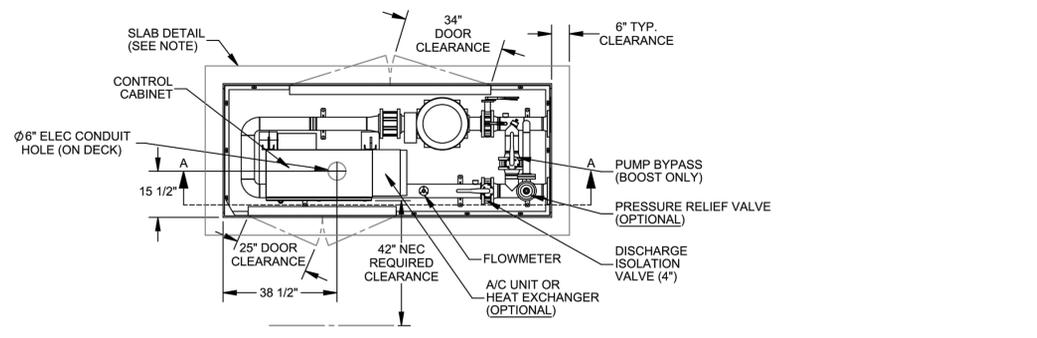
DWG Path: P:\14-007-01 Lamar Dixon Soccer Complex\Drawings\Irrigation\Plans\Current\14-007-01\_01.dwg

Station Details			
Pump Platform:	M1E025N0A0000480X3	Power Requirement:	480/3/60
Dyn. Inlet Pressure (PSI):	40	Pump Scenario:	Boost
Lift Height (ft.):	N/A	Max Flow Rate (GPM):	310
Boost Pressure (PSI):	70	Min Flow Rate (GPM):	30
Discharge Pressure:	110	Full Load Amps:	39.5

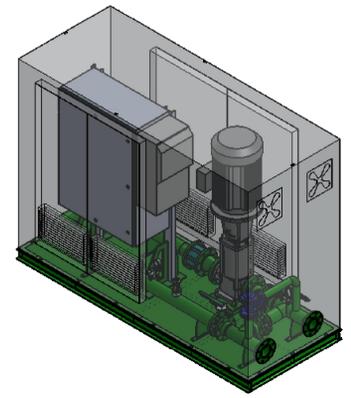
  

Site Conditions			
Water Source:	Municipal	Site Elevation:	0-3300
Water Type:	Fresh	Intake Pipe Dia.:	6 in. (adapter)
Wet Well Diameter:	N/A	Discharge Pipe Dia.:	6 in. (adapter)
Wet Well Depth:	N/A	Slab Dimensions:	Recommend: 162" x 72"

1 BOOSTER PUMP STATION INFORMATION



2 BOOSTER PUMP STATION #M1E025N0A0000480X3



**QUALITY**  
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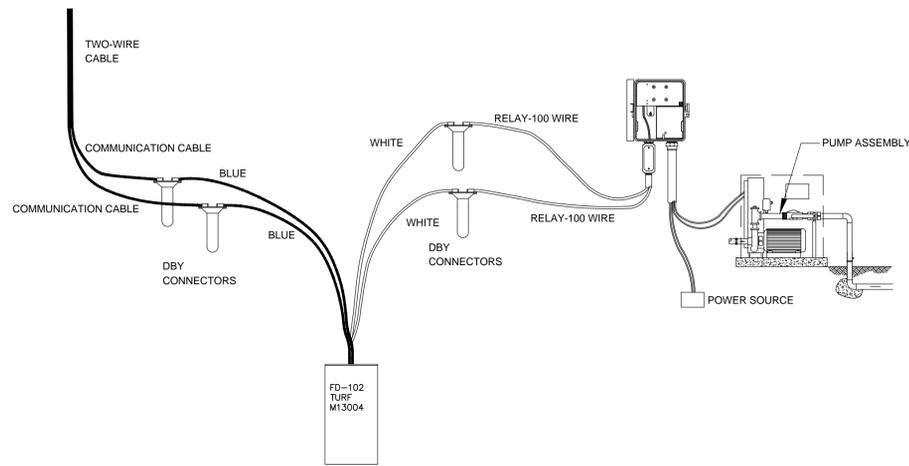
Stamps:  
 PROFESSIONAL ENGINEER  
 IN  
 CIVIL ENGINEERING  
 APR 16 2016

Date: APRIL 2016  
 Project No.: 2015.0001  
 Recreation No.: REC-13-001  
 Engineering No.: 14-007  
 Drawn By: RMB

DRAWING PROVIDED BY  
**WC3 DESIGN**  
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 Tel: (412) 475-0045  
 Columbus, OH • Louisville, KY  
 Pittsburgh, PA

**IRRIGATION GENERAL NOTES**

1. THE IRRIGATION SYSTEM DESIGN IS BASED ON 110 STATIC PRESSURE (PSI) AND MAXIMUM FLOW OF 250 GALLONS PER MINUTE (GPM). THE IRRIGATION CONTRACTOR SHALL VERIFY THE PRESSURE AND FLOW OF PUMP STATION FROM MANUFACTURER.
2. THE PIPE ROUTING SHOWN IS DIAGRAMMATIC ONLY. ALL PIPING, VALVES, HEADS, ETC SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY. PRESSURE LOSS CALCULATIONS ARE BASED ON THE PIPE ROUTING AS SHOWN. SIGNIFICANT DEVIATIONS FROM THE ROUTING SHOWN SHOULD BE AVOIDED.
3. DO NOT WILLINGLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN THE DIMENSIONS OF THE CONSTRUCTED AREAS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE IRRIGATION DESIGN OR CHANGES HAVE OCCURRED IN THE SITE PLAN. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE IRRIGATION DESIGNER AND THE GENERAL CONTRACTOR IMMEDIATELY. SHOULD THE IRRIGATION CONTRACTOR PROCEED WITH THE INSTALLATION WITHOUT NOTIFYING THE IRRIGATION DESIGNER AND THE GENERAL CONTRACTOR, THE IRRIGATION CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY AND ALL REVISIONS / RECONSTRUCTION NECESSARY.
4. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF/HERSELF WITH THE SITE, ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, AND INSTALLED UTILITIES. COORDINATE WORK WITH THE OWNER OR GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES UNDERNEATH PAVEMENT AND THROUGH WALLS.
5. DUE TO THE SCALE OF THE DRAWING, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, JOINTS, ETC. WHICH MAY BE REQUIRED. THE IRRIGATION CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF HIS/HER WORK AND PLAN HIS/HER WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC. AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. ALL WORK SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID CONFLICTS BETWEEN IRRIGATION SYSTEM COMPONENTS, LANDSCAPE PLANTING, AND ARCHITECTURAL FEATURES.
6. FLUSH ALL LINES AND HEADS PRIOR TO INSTALLING NOZZLES. ADJUST NOZZLE SPRAY ARC AND RADIUS FOR OPTIMUM PERFORMANCE TO PREVENT OVERSPRAY ONTO PAVED SURFACES OR FACE OF BUILDING AS MUCH AS POSSIBLE TO FIT THE SITE CONDITIONS. THROTTLE FLOW CONTROL AT EACH VALVE FOR OPTIMUM OPERATING PRESSURE FOR EACH ZONE.
7. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISHED GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE NOTED.
8. WHEN VERTICAL OBSTRUCTIONS (POLES, SIGNS, TREES, HYDRANTS, ETC) INTERFERE WITH THE SPRAY PATTERN OF THE HEADS SO AS TO PREVENT PROPER COVERAGE, THE CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER, THIRD, OR HALF CIRCLE HEAD AT THE SIDES OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST.
9. USE TEFLON TAPE ON ALL MALE PIPE THREADS ON PVC PIPE, SWING JOINTS, AND VALVE ASSEMBLIES.
10. INSTALL VALVE BOXES 18-INCHES FROM AND PERPENDICULAR TO WALKS, CURBS, BUILDING, OR LANDSCAPE FEATURES. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE INSTALLED A MINIMUM OF 12-INCHES APART.
11. ALL VALVES SHALL BE PLACED IN VALVE BOXES AS SHOWN IN THE DETAILS AND ALL ELECTRICAL CONNECTIONS SHALL BE SEALED WITH WATERPROOF CONNECTORS.
12. 120-VOLT ELECTRICAL POWER AT THE CONTROLLER SHALL BE PROVIDED BY OTHERS. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE POWER PROVIDED TO THE CONTROLLER.
13. PROVIDE AS-BUILT DRAWINGS PROMPTLY UPON COMPLETION OF THE IRRIGATION INSTALLATION.
14. THERE SHALL BE NO SUBSTITUTIONS OR CHANGES TO THE IRRIGATION DESIGN ALLOWED WITHOUT DIRECT WRITTEN APPROVAL FROM THE IRRIGATION CONSULTANT OR THE LANDSCAPE ARCHITECT.
15. IRRIGATION CONTRACTOR SHALL PROVIDE THE FIRST WINTERIZATION, SPRING TURN ON HEAD ADJUSTMENTS AND CONTROLLER MAINTENANCE FOR THE FIRST YEAR. IT SHALL BE INCLUDED IN THE BID.

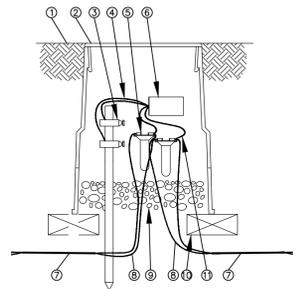


NOTE:  
MAXIMUM LENGTH OF SECONDARY WIRE PATH (14 AWG) FROM DECODER TO RELAY IS 450 FEET.

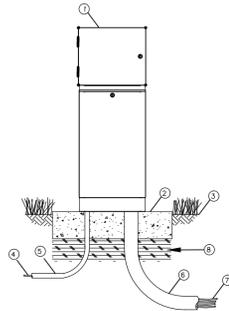
**1 IRRIGATION POINT OF CONNECTION**  
NTS

- 1 FINISH GRADE OR TOP OF MULCH
- 2 10-INCH VALVE BOX WITH COVER
- 3 GROUNDING ROD: 10 OHMS OR LESS
- 4 GREEN/YELLOW WIRE FROM LSP-1TURF/TURF TO GROUNDING ROD BRASS CLAMPS (1 OF 2)
- 5 DB SERIES WIRE CONNECTOR: RAIN BIRD DBTW25 (1 OF 2) (OR APPROVED EQUAL)
- 6 LINE SURGE PROTECTOR: RAIN BIRD LSP-1TURF M10008 (OR APPROVED EQUAL)
- 7 TWO-WIRE CABLE TO NEXT DEVICE (FIELD DECODER, SENSOR DECODER, LINE SURGE PROTECTOR OR ESP-LXD CONTROLLER)
- 8 COMMUNICATION WIRE TO NEXT DEVICE (FIELD DECODER, SENSOR DECODER, LINE SURGE PROTECTOR OR ESP-LXD CONTROLLER)
- 9 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
- 10 BRICK (1 OF 2)
- 11 BLUE WIRE FROM LSP-1TURF TO DB SERIES WIRE CONNECTOR

NOTES:  
1. LSP-1TURF SHOULD BE INSTALLED EVERY 500- FEET OR FOR EVERY EIGHT DECODERS ON TWO-WIRE PATH.  
2. LSP-1TURF TO BE INSTALLED AT END OF WIRE RUN THAT TERMINATES IN THE FIELD (STAR CONFIGURATION).  
3. RAIN BIRD FD-401TURF AND FD-601TURF FIELD DECODERS COME WITH LSP-1TURF'S BUILT-IN, FD-101TURF, FD-102TURF AND FD-202TURF REQUIRE SEPARATE LSP-1TURF PROTECTION. (OR APPROVED EQUAL)



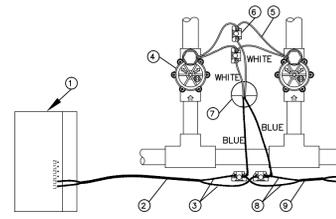
**3 LSP-1 SURGE PROTECTION (500' OR TERMINATION OF WIRE)**  
NTS



- 1 IRRIGATION CONTROLLER: RAIN BIRD ESP-LXD CONTROLLER (OR APPROVED EQUAL) WITH METAL CABINET AND DIMMED METAL PESTAL. INSTALL CONTROLLER, CABINET AND PESTAL PER MANUFACTURER'S RECOMMENDATIONS.
- 2 CONCRETE PAD: 6-INCH MINIMUM THICKNESS
- 3 FINISH GRADE
- 4 POWER SUPPLY WIRE
- 5 1-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR POWER SUPPLY
- 6 3-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR STATION WIRES
- 7 WIRES TO REMOTE CONTROL VALVES
- 8 COMPACTED SUBGRADE

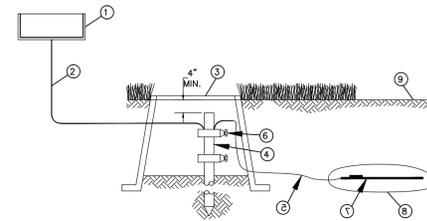
NOTES:  
1. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

**4 CONTROLLER INSTALLATION**  
NTS



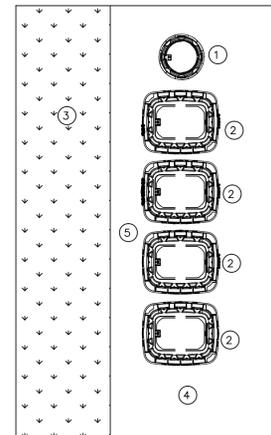
NOTES:  
1. MAXIMUM LENGTH OF SECONDARY WIRE PATH (14 AWG) FROM DECODER TO SOLENOID IS 450 FEET.  
2. IF OPERATING TWO VALVES PER DECODER ADDRESS, CALCULATE THE DISTANCE OF EACH OF THE TWO VALVES FROM THE DECODER AND ADD THE DISTANCES TOGETHER. THE TOTAL DISTANCE MUST NOT EXCEED 450 FEET.

**2 DECODER WIRING**  
NTS



- 1 LXD FIELD SATELLITE, WEATHER STATION OR CCU ASSEMBLY
- 2 SOLID BARE COPPER WIRE (#10 AWG) FROM GROUNDING ROD TO SATELLITE OR CCU MAKE WIRE AS SHORT AND STRAIGHT AS POSSIBLE AS POSSIBLE
- 3 COVER GROUNDING ROD WITH #10 ROUND VALVE BOX AS SHOWN
- 4 5/8-INCH X 10 FT COPPER CLAD GROUNDING ROD OR GROUNDING PLATE. INSTALL RODS IN SOIL IN A TRIANGULAR PATTERN SPACED A MINIMUM OF 16 FT APART FROM EACH OTHER. GROUNDING GRID TO HAVE A RESISTANCE OF TEN (10) OHMS OR LESS
- 5 BARE COPPER WIRE (#6 AWG MIN.) BETWEEN GROUNDING ROD AND GROUNDING PLATE
- 6 GROUND ROD CLAMP OR WELDS
- 7 COPPER GROUNDING PLATE
- 8 GROUND ENHANCEMENT MATERIAL (IF REQUIRED)
- 9 FINISH GRADE

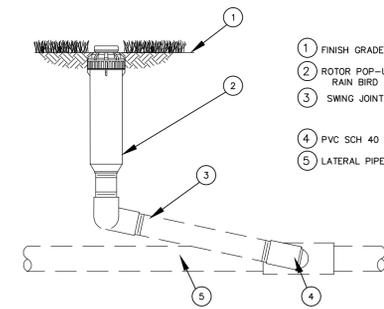
**5 GROUNDING AT THE CONTROLLER LOCATION**  
NTS



- 1 VALVE BOX FOR QUICK COUPLER VALVE IF SHOWN ON PLANS
- 2 VALVE BOX FOR ELECTRIC VALVE
- 3 TURF PLAYING SURFACE
- 4 TURF, OUTSIDE PLAYING SURFACE
- 5 12-24" FROM EDGE OF FIELD

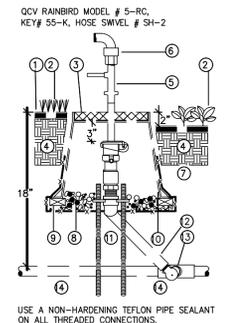
VALVE BOXES SHALL BE PARALLEL TO THE PLANTING BED EDGE, 6"-8" APART. OCV BOX SHALL BE CLEARLY MARKED

**6 DECODER AND VALVE INSTALLATION**  
NTS



- 1 FINISH GRADE
- 2 ROTOR POP-UP SPRINKLER: RAIN BIRD 8005 (OR APPROVED EQUAL)
- 3 SWING JOINT:
- 4 PVC SCH 40 TEE OR ELL
- 5 LATERAL PIPE

**7 RAINBIRD 8005-SS SPORTS TURF ROTOR**  
NTS



- 1 FINISH GRADE OR TOP OF MULCH
- 2 PLANT MATERIAL (TURF, SHRUB OR GROUND COVER)
- 3 VALVE BOX, 10" RND
- 4 CLEAN SOIL, AMENDED/NATIVE FREE OF ROCK AND DEBRIS
- 5 QUICK COUPLER KEY, #55-K.
- 6 O.C. HOSE SWMEL, # SH-2.
- 7 QUICK COUPLER VALVE 5-RC.
- 8 3/4" CRUSHED ROCK
- 9 BRICK SUPPORTS 1 OF 4
- 10 1/2" WIRE CLOTH optional
- 11 MAINLINE, CL200 PVC PRESSURE PIPE, SIZE PER PLAN.
- 12 SWING JOINT 1", SIZE PER QUICK COUPLER VALVE INLET. DURA MODEL# 1-A101-11-18.
- 13 TEE OR ELBOW, PVC SCH 40, SIZE PER PLAN.
- 14 REBAR, 1/2"x30".

**8 QUICK COUPLER VALVE**  
NTS

**9 MULTIPLE VALVE INSTALLATION**  
NTS

Client: ASCENSION PARISH  
4307 CHURCHPOINT ROAD GONZALES, LA 70737

Project: LAMAR DIXON SOCCER COMPLEX  
9439 S.S.T. LANDRY AVE GONZALES, LA 70737

Location: SECTION 4, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

DAWG Path: P:\14-007-01 Lamar Dixon Soccer Complex\Drawings\Irrigation\Plans\Current\Irrig\14-007-01\_08101010.dwg

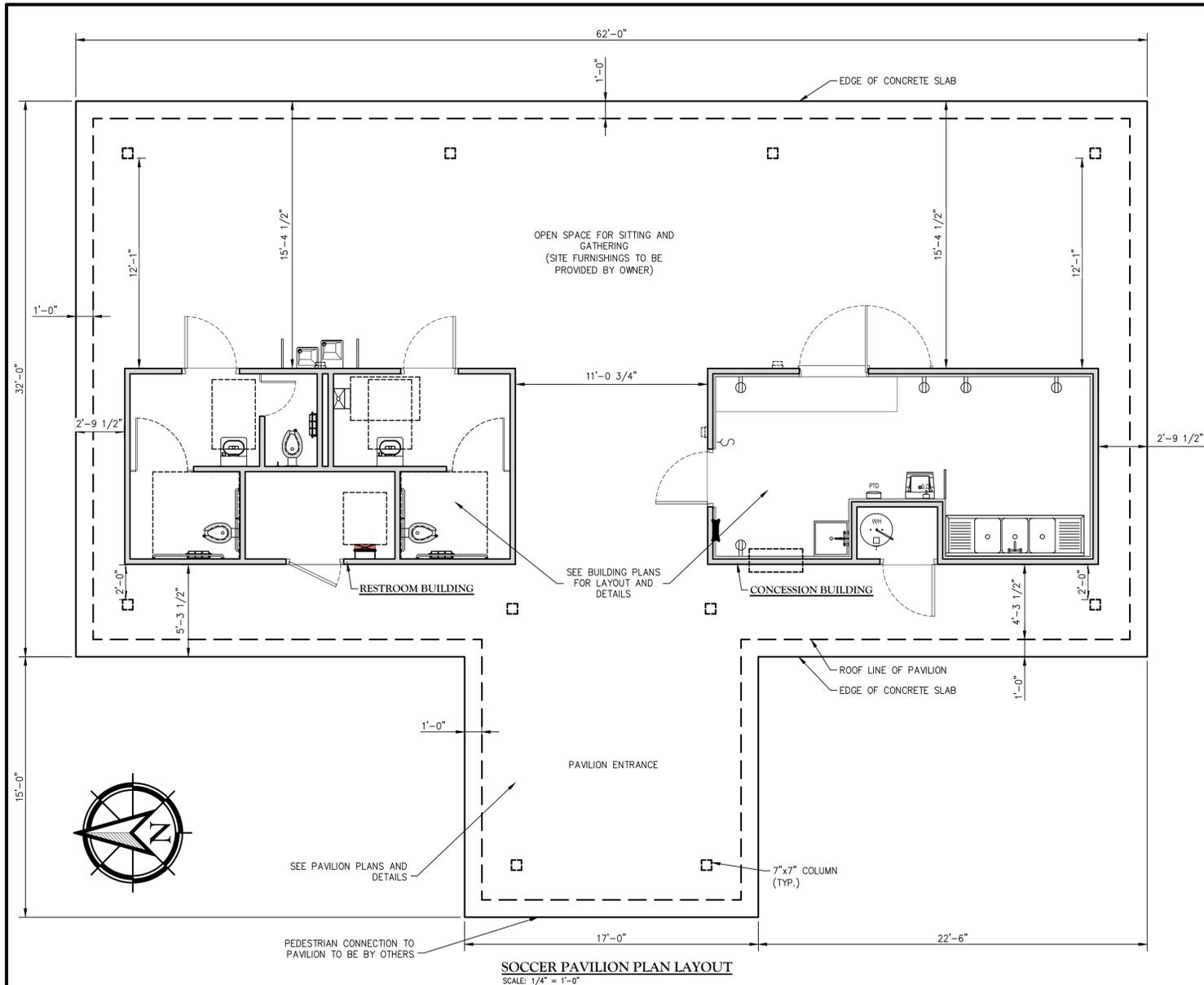
Title: IRRIGATION DETAILS

**QUALITY**  
Engineering & Surveying, LLC  
18350 Hwy 42, Port Vincent, LA 70726  
TEL: 225-698-1600 FAX: 225-698-3367  
www.QUESLA.com

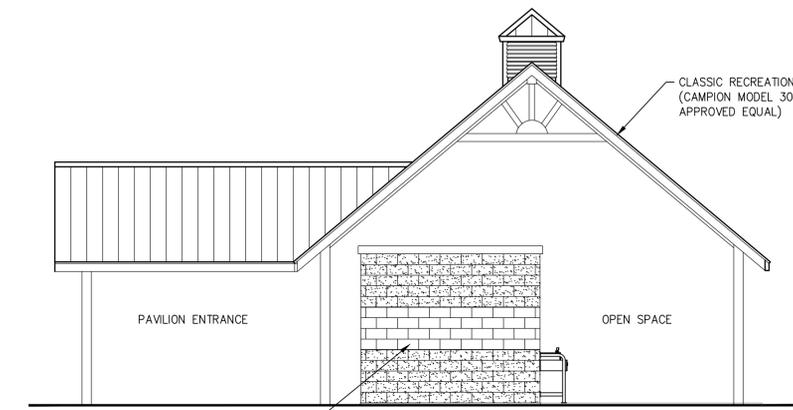
Stamps  
Professional Engineer in Civil Engineering  
4/26/16

Date: APRIL 2016  
Project No.: 2015.0001  
Recreation No.: REC-13-001  
Engineering No.: 14-007  
Drawn By: RMB  
Sheets: 12 OF 32

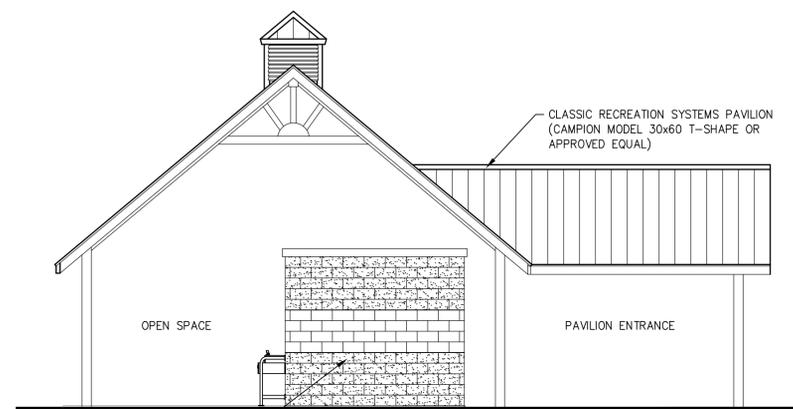
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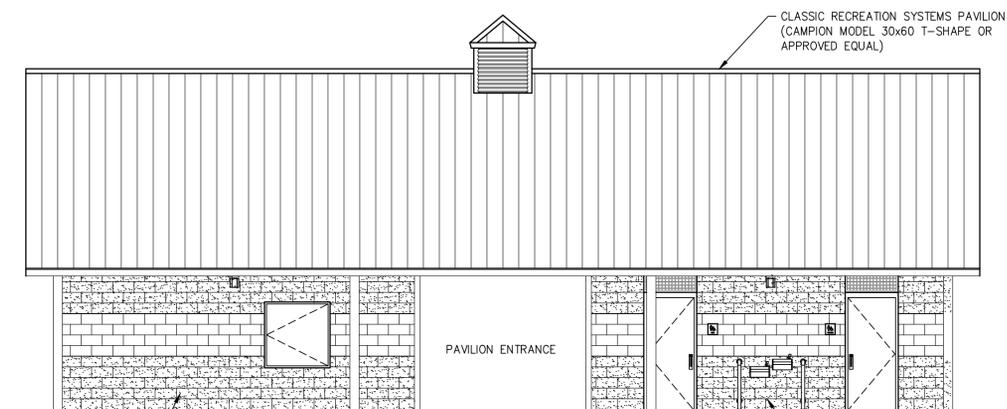
**SOCCER PAVILION PLAN LAYOUT**  
SCALE: 1/4" = 1'-0"



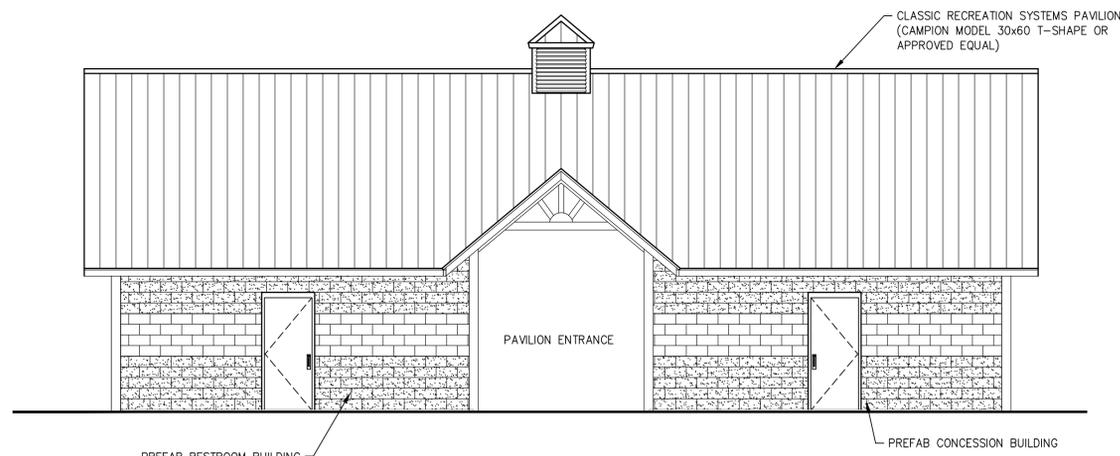
**SOUTH ELEVATION**  
SCALE: 3/16" = 1'-0"



**NORTH ELEVATION**  
SCALE: 3/16" = 1'-0"



**EAST ELEVATION**  
SCALE: 3/16" = 1'-0"



**WEST ELEVATION**  
SCALE: 3/16" = 1'-0"

**NOTES:**

- NOTES FOR PREFABRICATED SHADE STRUCTURE / PRE-FABRICATED RESTROOM AND CONCESSION BUILDING:
1. DRAWINGS ARE SHOWN FOR DESIGN INTENT ONLY. ALL LAYOUT, DESIGN, AND DIMENSIONS ARE TO BE VERIFIED WITH APPROPRIATE MANUFACTURER'S BEFORE CONSTRUCTION.
  2. DRAWINGS FOR THE PRE-FABRICATED SHADE STRUCTURE WERE PROVIDED BY CLASSIC RECREATION SYSTEMS. CONTACT EVE WERNER WITH DYNA-PLAY AT 504-421-1289.
  3. DRAWINGS FOR THE PRE-FABRICATED RESTROOM AND CONCESSION BUILDINGS WERE PROVIDED BY THE PUBLIC RESTROOM COMPANY. CONTACT PAT MCBRIDE AT 888-888-2060 EXT. 104
  4. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR THE VERIFICATION OF DESIGN IN ANY WAY.
  5. ANY CHANGES IN THE DESIGN MUST BE SUBMITTED FOR APPROVAL PRIOR TO BID. CONTRACTOR TO OBTAIN FINAL CONSTRUCTION/SHOP DRAWINGS FROM PAVILION AND BUILDING MANUFACTURER AND SUBMIT TO OWNER/ENGINEER FOR FINAL APPROVAL.
  6. CONTRACTOR TO OBTAIN FIRE MARSHALL APPROVAL ON FINAL APPROVED COMBINED SOCCOR PAVILLION, RESTROOM BUILDING AND CONCESSION BUILDING.

Client: **ASCENSION PARISH**  
4307 CHURCHPOINT ROAD  
GONZALES, LA 70737

Project: **LAMAR DIXON SOCCER COMPLEX**  
9439 S.S.T. LANDRY AVE  
GONZALES, LA 70737

Title: **PAVILION PLAN AND ELEVATIONS**

Location: **SECTION 1, TOWNSHIP 2 EAST, RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA**

Description: **Project: Lamar Dixon Soccer Complex (Drawing) (Plan) (Combined) (Scale) (1/4"=1'-0") (1/4"=1'-0") (1/4"=1'-0")**

DWG No: **P/14-007-01**

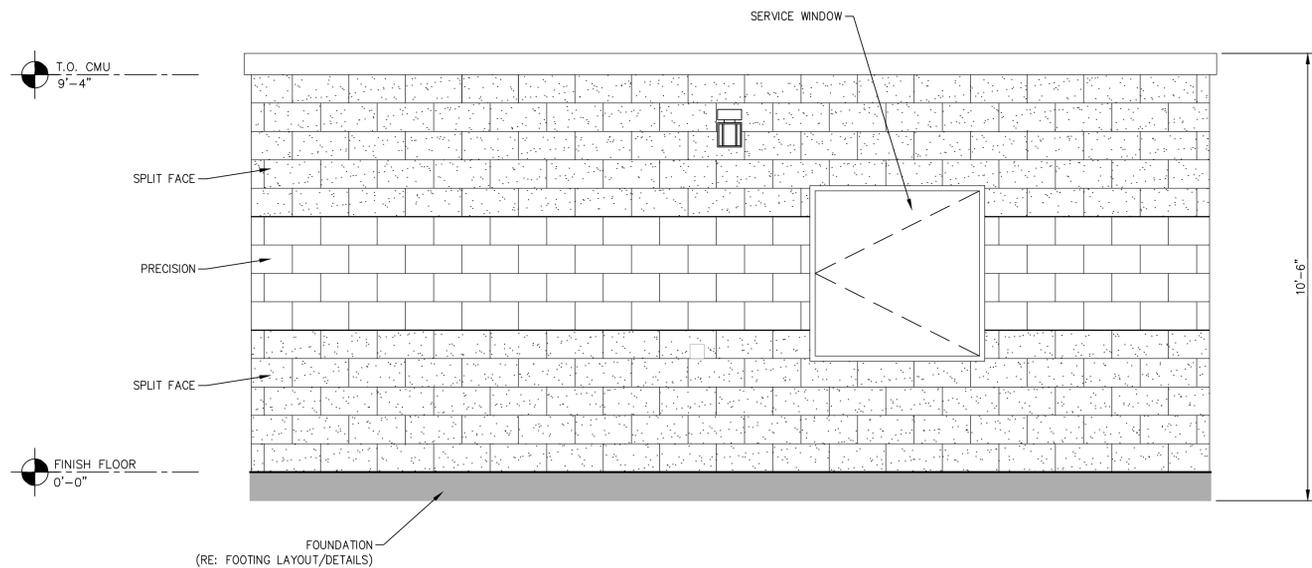
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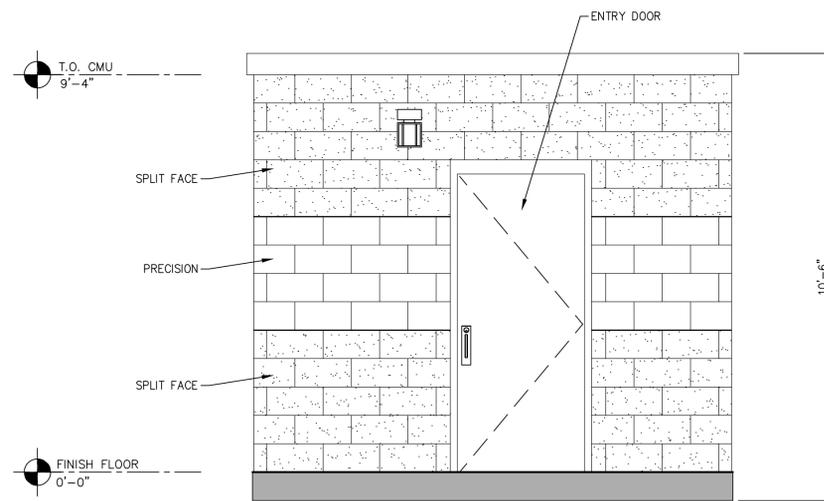
DAVID M. SMITH  
LICENSE NO. 28602  
PROFESSIONAL ENGINEER  
IN  
CIVIL ENGINEERING  
4/26/16

Date:	APRIL 2016
Project No.:	2015.0001
Recreation No.:	REC-13-001
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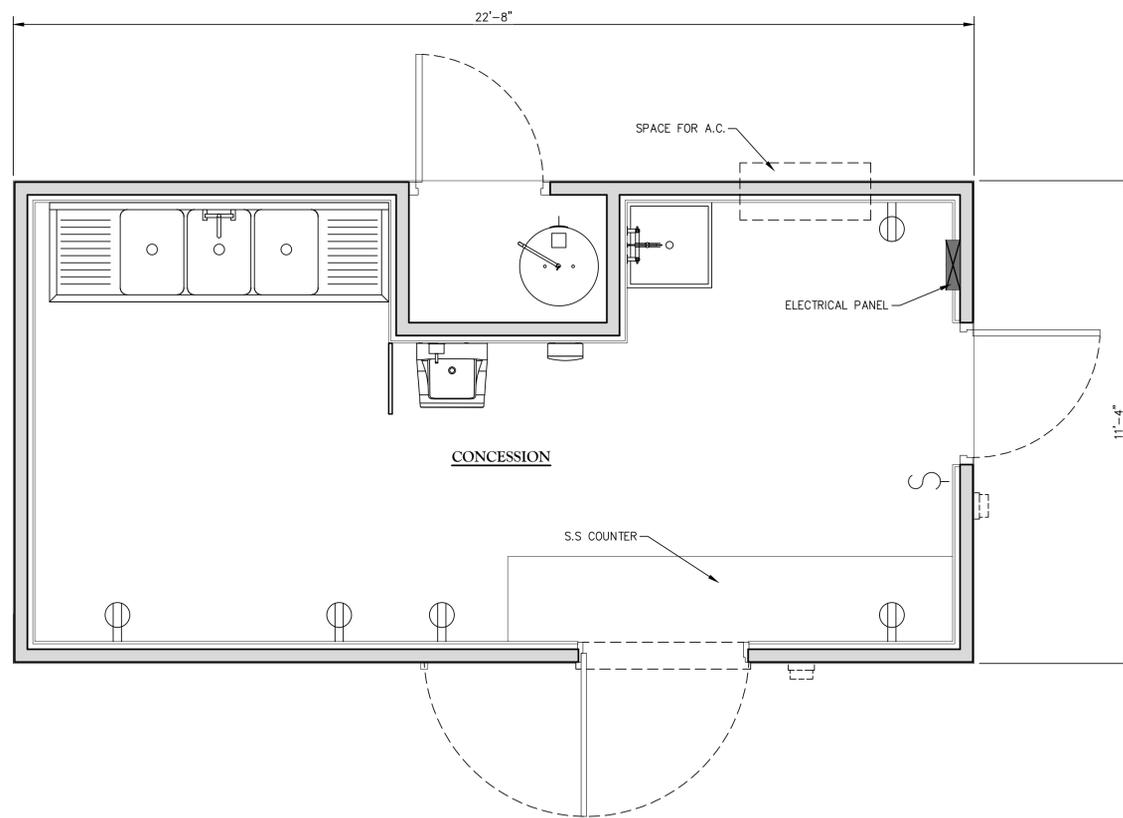




**CONCESSION BUILDING FRONT VIEW**  
SCALE: 1/2" = 1'-0"



**CONCESSION BUILDING SIDE VIEW**  
SCALE: 1/2" = 1'-0"



**CONCESSION BUILDING PLAN VIEW**  
SCALE: 1/2" = 1'-0"

**NOTES:**

NOTES FOR PREFABRICATED SHADE STRUCTURE / PRE-FABRICATED RESTROOM AND CONCESSION BUILDING:

1. DRAWINGS ARE SHOWN FOR DESIGN INTENT ONLY. ALL LAYOUT, DESIGN, AND DIMENSIONS ARE TO BE VERIFIED WITH APPROPRIATE MANUFACTURER'S BEFORE CONSTRUCTION.
2. DRAWINGS FOR THE PRE-FABRICATED SHADE STRUCTURE WERE PROVIDED BY CLASSIC RECREATION SYSTEMS. CONTACT EVE WERNER WITH DYNA-PLAY AT 504-421-1289.
3. DRAWINGS FOR THE PRE-FABRICATED RESTROOM AND CONCESSION BUILDINGS WERE PROVIDED BY THE PUBLIC RESTROOM COMPANY. CONTACT PAT MCBRIDE AT 888-888-2060 EXT. 104
4. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR THE VERIFICATION OF DESIGN IN ANY WAY.
5. ANY CHANGES IN THE DESIGN MUST BE SUBMITTED FOR APPROVAL PRIOR TO BID. CONTRACTOR TO OBTAIN FINAL CONSTRUCTION/SHOP DRAWINGS FROM PAVILION AND BUILDING MANUFACTURER AND SUBMIT TO OWNER/ENGINEER FOR FINAL APPROVAL.
6. CONTRACTOR TO OBTAIN FIRE MARSHALL APPROVAL ON FINAL APPROVED COMBINED SOCCER PAVILION, RESTROOM BUILDING AND CONCESSION BUILDING.

Client: **ASCENSION PARISH**  
4307 CHURCHPOINT ROAD  
GONZALES, LA 70737

Project: **LAMAR DIXON  
SOCCER COMPLEX**  
9839 S. ST. LANDRY AVE  
GONZALES, LA 70737

**CONCESSION BUILDING PLAN  
AND ELEVATIONS**

LOCATION: **SECTION 4, TOWNSHIP 10 EAST RANGE 10,  
SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER,  
ASCENSION PARISH, LOUISIANA**

Project: P-14-007-01 Lamar Dixon Soccer Complex (Drainage/Engineering/Process/Utility) (Combined) (Sub) (14-007-01)\_06\_CONCESSION DETAILS.dwg

Title:

Description:

DAWG Path:



**QUALITY**  
Engineering & Surveying, LLC  
18350 Hwy. 42, Port Vincent, LA 70726  
TEL 225-698-1600 FAX 225-698-3367  
www.QESLA.com



Date: **APRIL 2016**

Project No.: 2015.0001

Recreation No.: REC-13-001

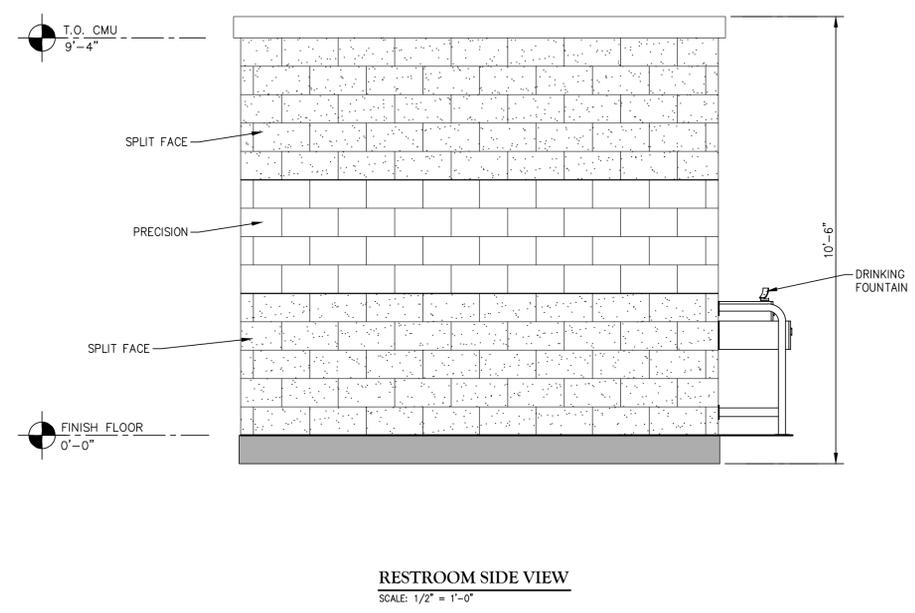
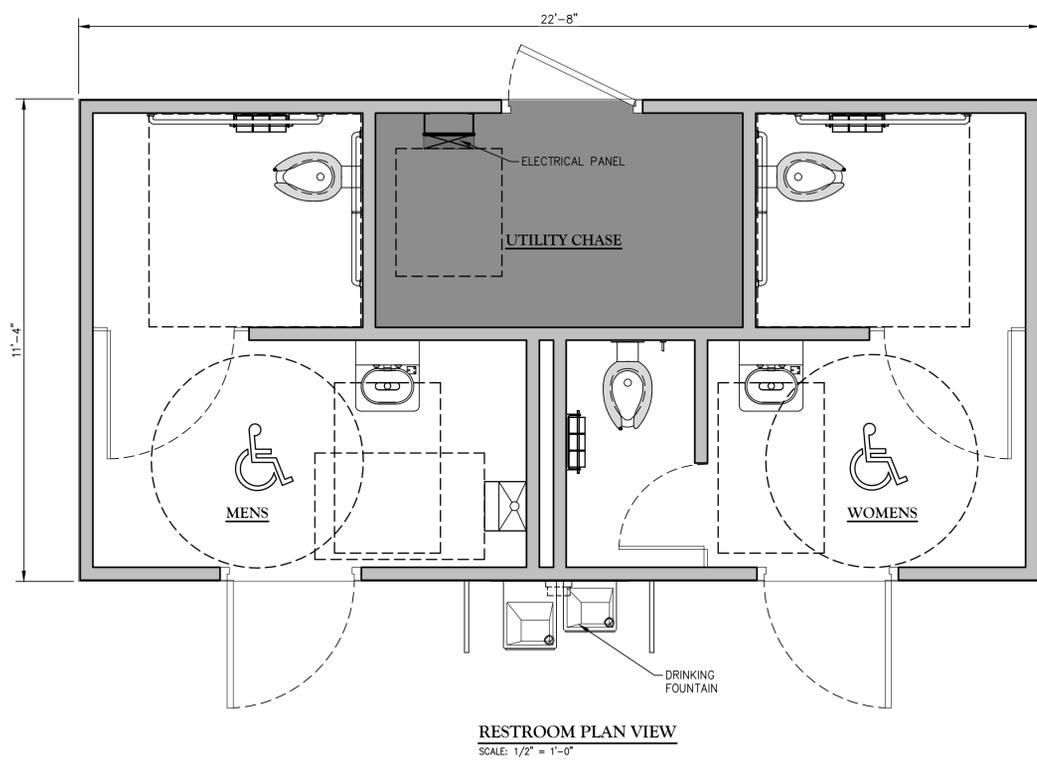
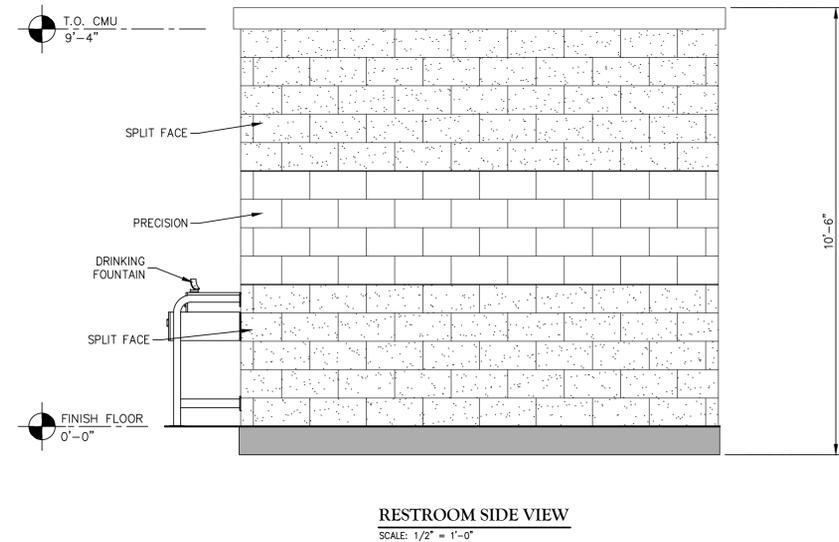
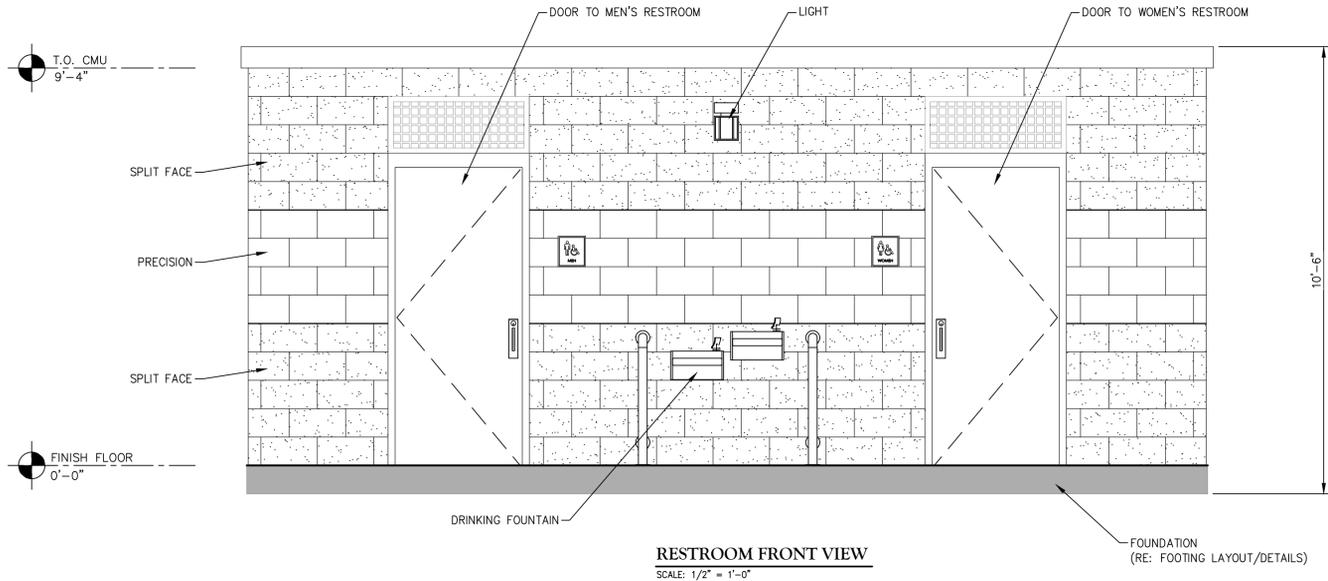
Engineering No.: 14-007

Drawn By: **RMB**

15 OF 32 Sheets

**NOTES:**  
 NOTES FOR PREFABRICATED SHADE STRUCTURE / PRE-FABRICATED RESTROOM AND CONCESSION BUILDING:

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6. CONTRACTOR TO OBTAIN FIRE MARSHALL APPROVAL ON FINAL APPROVED COMBINED SOCCER PAVILLION, RESTROOM BUILDING AND CONCESSION BUILDING.



Client: **ASCENSION PARISH**  
 4307 CHURCHPOINT ROAD  
 GONZALES, LA 70737

Project: **LAMAR DIXON SOCCER COMPLEX**  
 9039 S. ST. LANDRY AVE  
 GONZALES, LA 70737

Title: **RESTROOM PLAN AND ELEVATIONS**

Description: **LOCATED IN SECTION 4, TOWNSHIP EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA**

DAWG Path: P:\14-007-01 Lamar Dixon Soccer Complex Drawings\Engineering\Plans\Combined Set\14-007-01\_17 RESTROOM PLAN.dwg

Stamps:  
  
 DERRICK M. QUALITY  
 LICENSE NO. 68612  
 PROFESSIONAL ENGINEER  
 IN  
 CIVIL ENGINEERING  
 42616

Date: **APRIL 2016**

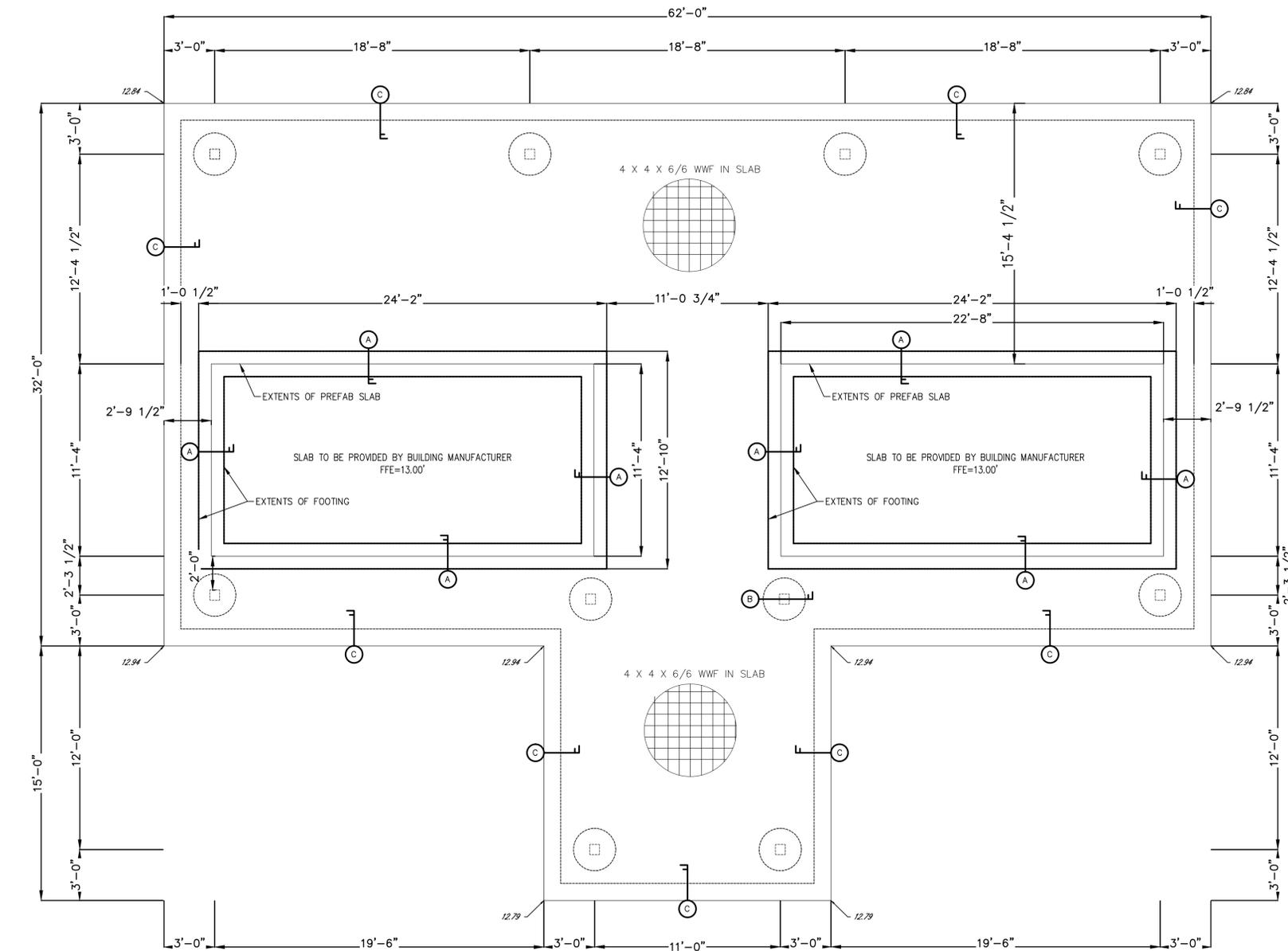
Project No.: **2015.0001**

Recreation No.: **REC-13-001**

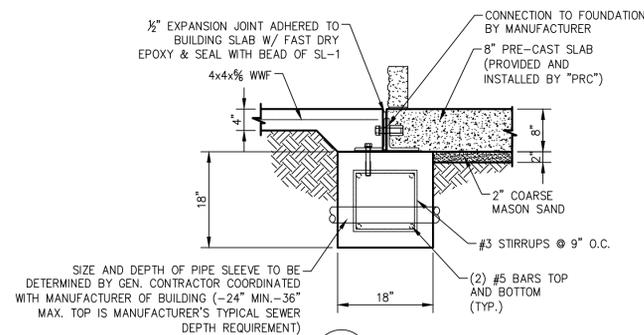
Engineering No.: **14-007**

Drawn By: **RMB**

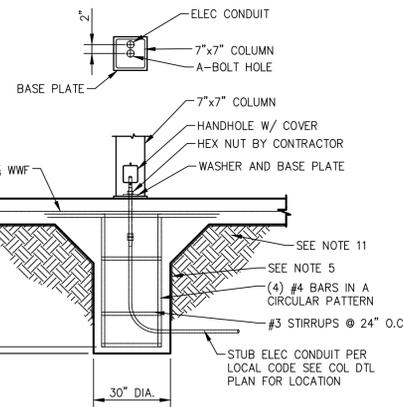
Sheets: **16 OF 32**



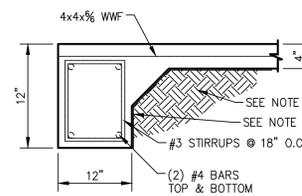
1 FOUNDATION PLAN  
F-1 1/4"=1'-0"



A SECTION A-A  
F-1 NTS



B SECTION B-B  
F-1 NTS



C SECTION C-C  
F-1 NTS

**GENERAL NOTES - SLAB ON GRADE**

- THIS PLAN IS TO BE ONLY FOR THE LOCATION BELOW  
9039 S ST. LANDRY AVENUE  
GONZALES, LOUISIANA
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE DESIGN MIX SHOULD BE IN ACCORDANCE WITH ACI-318 (LATEST VERSION).
- ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60). REINFORCING STEEL SHALL BE DETAILED AND ACCESSORIES PROVIDED IN ACCORDANCE WITH THE LATEST "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES"
- REINFORCEMENT SHALL HAVE 3" COVER IN THE GRADE BEAM BOTTOMS, 3" COVER IN THE BEAM SIDES AND TOP. 1-1/2" COVER IN THE SLAB TOPS AND THE BOTTOMS, UNLESS NOTED OTHERWISE
- 1 LAYER OF 10 MIL POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE
- CONCRETE SHALL BE WELL CONSOLIDATED
- THE CONTRACTOR SHALL VERIFY ALL DROPS, OFF-SETS, BRICK LEDGES, AND BLOCK OUTS ON ARCHITECTURAL PLANS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES THAT MAY EXIST
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE STRUCTURAL DRAWINGS WITH ALL OTHER DRAWINGS.
- ALTERATION TO OR DEVIATION FROM THE INFORMATION SHOWN ON THIS SHEET WITHOUT WRITTEN ADVANCED APPROVAL FROM THE ENGINEER WILL VOID THE DESIGNER'S RESPONSIBILITY
- THIS PLAN FOR GRADE BEAM LOCATION AND REBAR LAYOUT ONLY.
- ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL A4 OR BETTER AND COMPACTED TO 95% MODIFIED PROCTORE DENSITY IN A MAXIMUM OF 6" LIFTS
- A MINIMUM OF 4" OF CONCRETE SHALL BE MAINTAINED THROUGHOUT THE ENTIRE SLAB
- ALL RUNOFF WATER SHALL BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUBBASE
- ALL TREES WITHIN CLOSE PROXIMITY SHALL BE MOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB
- REMOVE A MINIMUM OF 6" OF EXISTING SOIL PRIOR TO PLACING ANY FILL
- A MAXIMUM OF 3.0 FEET OF FILL MAY BE PLACED ON THE SITE
- NO FIELD SUPERVISION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.

**NOTES-PROVIDED BY PUBLIC RESTROOM COMPANY**

**RESTROOM AND CONCESSION BUILDINGS**

A.) RESTROOM AND CONCESSION BUILDING MANUFACTURER WILL PROVIDE FULL ARCHITECTURAL PLANS AND ENGINEERING CALCULATIONS, STAMPED BY STATE GOVERNING AGENCY SUITABLE FOR GENERAL CONTRACTOR TO FILE FOR REQUIRED BUILDING PERMIT.

B.) RESTROOM AND CONCESSION BUILDING MANUFACTURER WILL FURNISH AND INSTALL UNDERGROUND UTILITIES (UNDER SLAB) EXTENDING 6 FEET (MAX) BEYOND THE BUILDING LINE, MIN. OF 24" - MAX OF 36" BELOW GRADE.

**GENERAL PAD NOTES:**

C.) THE DIFFERENCE IN THE ELEVATION BETWEEN THE FINISH FLOOR OF RESTROOMS AND THE SIDEWALK OUTSIDE CAN NOT BE GREATER THAN 1/4" MAX.

D.) THE STRUCTURAL DESIGN DETAILS HEREIN ARE SPECIFIC TO THE BUILDING SIZE AND MODULE CONFIGURATION SHOWN ON THE FLOOR PLANS OF THESE DRAWINGS.

E.) PUBLIC RESTROOM COMPANY WILL PROVIDE LOCATION OF THIS BUILDING TO MEET ALL REQUIRED PROPERTY CODE SETBACKS PER LOCAL JURISDICTION.

**OWNER / GENERAL CONTRACTOR**

F.) OWNER / GENERAL CONTRACTOR SHALL PREPARE BUILDING PAD PER DETAILS ON THIS SHEET AND SCOPE OF WORK.

G.) OWNER / GENERAL CONTRACTOR SHALL ATTACH SITE PLAN TO THE PUBLIC RESTROOM COMPANY'S DEPARTMENT OF HOUSING APPROVED DOCUMENTS AND FILE BUILDING PERMIT FOR PLUMBING PERMIT/INSPECTION UNDER BUILDING SLAB

H.) OWNER / GENERAL CONTRACTOR TO COORDINATE SEWER INVERT WITH THE PUBLIC RESTROOM COMPANY PRIOR TO BUILDING INSTALLATION, VERIFY & COORDINATE LOCATION OF EXISTING UTILITIES INCLUDING WATER METER SIZE, TYPE, AND LOCATION OF EXISTING UTILITIES COMING INTO THE BUILDING SUPPLIED BY PRC

I.) OWNER / GENERAL CONTRACTOR IS RESPONSIBLE FOR UTILITY CONNECTIONS AND WILL MAKE FINAL CONNECTIONS TO SEWER, WATER AND POWER.

K.) OWNER / GENERAL CONTRACTOR TO SUPPLY AND COMPACT THE AGGREGATE BASE AND STOCK PILE REQUIRED QUANTITY OF COARSE SAND WITHIN BUILDING PROXIMITY  
FOR USE BY PRC (ELEVATION OF BASE TO BE DETERMINED AND VERIFIED BY THE GENERAL CONTRACTOR) PAD ELEVATION MUST BE LEVEL WITHIN 2% (=/-) AND COMPLY WITH ALL PERMISSIBLE CODES OF ACCESSIBILITY AND SAFETY.

L.) PROJECTS WITH FOOTINGS: CONTRACTOR MUST PROVIDE SLEEVES IN FOOTINGS ACCORDING TO UTILITY LOCATION PLAN AND PAD PLAN DIRECTION.

**GENERAL SITE CONDITION LIABILITY NOTE:**

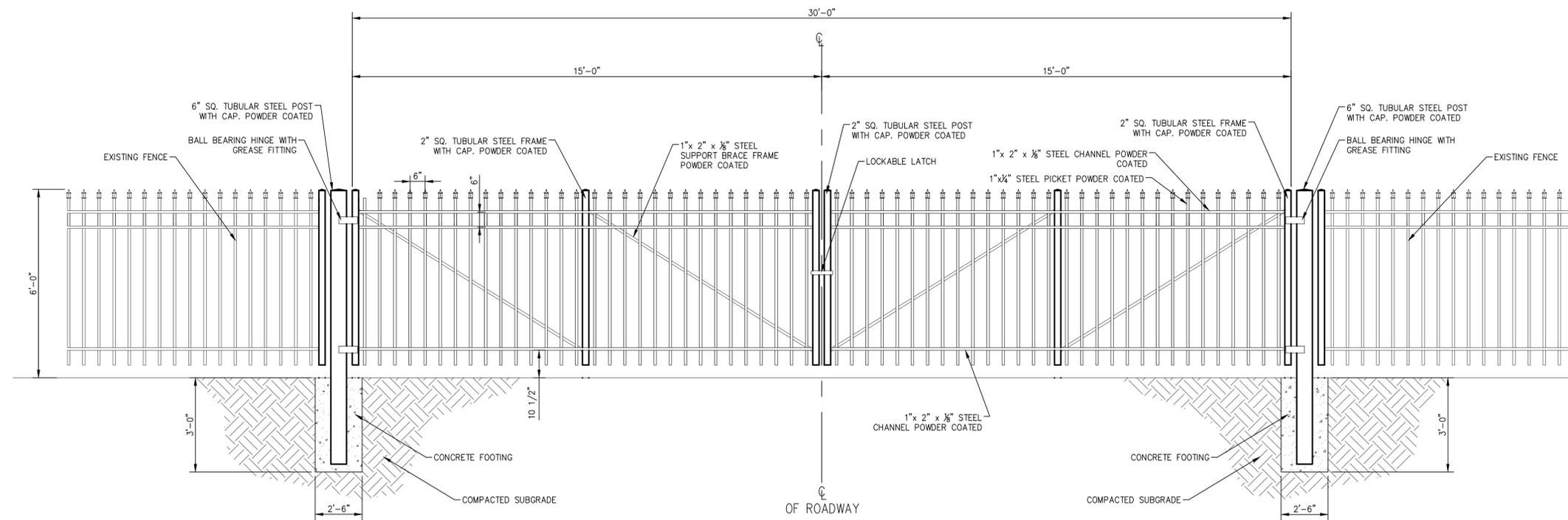
PUBLIC RESTROOM COMPANY (PRC) PROVIDES BUILDING PAD PLAN DRAWINGS FOR PLACEMENT OF OUR BUILDING ON SITE PADS FOR REFERENCE ONLY. PRC DRAWINGS DO NOT INCORPORATE SITE DESIGN FOR LOCAL CODES, SOILS CONDITIONS, FOOTING REQUIREMENTS, AND/OR ANY OTHER CONTRIBUTING SITE FACTORS UP TO AN INCLUDING HIGH WATER TABLES. IT IS THE RESPONSIBILITY OF THE OWNER OR GENERAL CONTRACTOR TO PROVIDE A PROPER SITE DESIGN TO ACCOMMODATE THE BUILDING AS WELL AS PROVIDE PROPER SITE CRITERIA SO PRC MAY MODEL SEWER, WATER, AND ELECTRICAL DESIGNS WITHIN THE BUILDING. OUR BUILDING DESIGN INCLUDES AN 8" THICK REINFORCED CONCRETE SLAB AND ASSUMES FULL SLAB BEARING ON SOILS WITH A MINIMUM OF 1000 PSF BEARING CAPACITY. OUR BUILDING DESIGNS SURCHARGE THE SOIL BENEATH THE MAT SLAB AT APPROXIMATE 208 PSF. ANY BUILDING FOUNDATION IN ADDITION TO THE INTEGRAL MAT SLAB ARE SHOWN FOR REFERENCE ONLY AND SHOULD BE VERIFIED BY A LICENSED SOILS ENGINEER TO CONFORM WITH REQUIRED CODES. PRC ASSUMES NO LIABILITY FOR THE OWNER OR GENERAL CONTRACTOR ACCEPTANCE OF THESE TYPICAL DRAWINGS WITHOUT VERIFICATION BY A LICENSED SOILS / FOUNDATION ENGINEER.

Client: ASCENSION PARISH  
4807 CHURCHPOINT ROAD  
GONZALES, LA 70737

Title: PAVILION RESTROOM AND CONCESSION BUILDING FOUNDATION PLAN

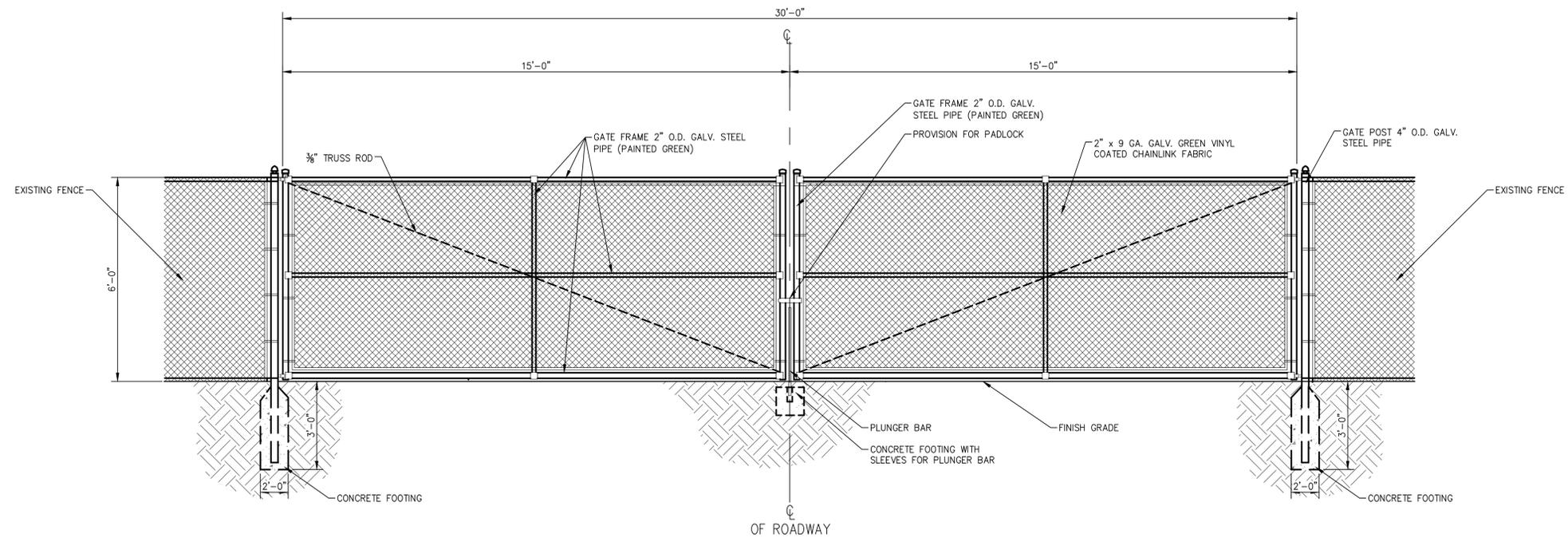


Date:	APRIL 2016
Project No.:	2015.0001
Recreation No.:	REC-13-001
Engineering No.:	14-007
Drawn By:	RMB
Sheets	17 OF 32



NOTE:  
 -IRON GATE TO BE POWDER COATED AND PAINTED GREEN TO MATCH EXISTING FENCE  
 -MODIFICATIONS TO EXISTING FENCE WILL BE NEEDED TO MAKE PROPER CONNECTION  
 -LOCATION TO BE VERIFIED ON SITE  
 -CONTRACTOR TO PROVIDE FINAL SHOP DRAWINGS TO BE APPROVED BY ENGINEER PRIOR TO CONSTRUCTION

30' DOUBLE IRON GATE (ENTRANCE AT ST. LANDRY AVE.)  
 SCALE: 1/2" = 1'-0"



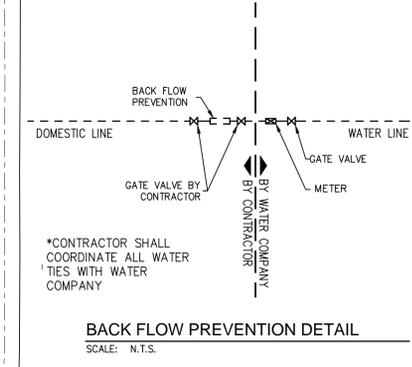
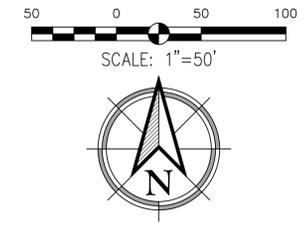
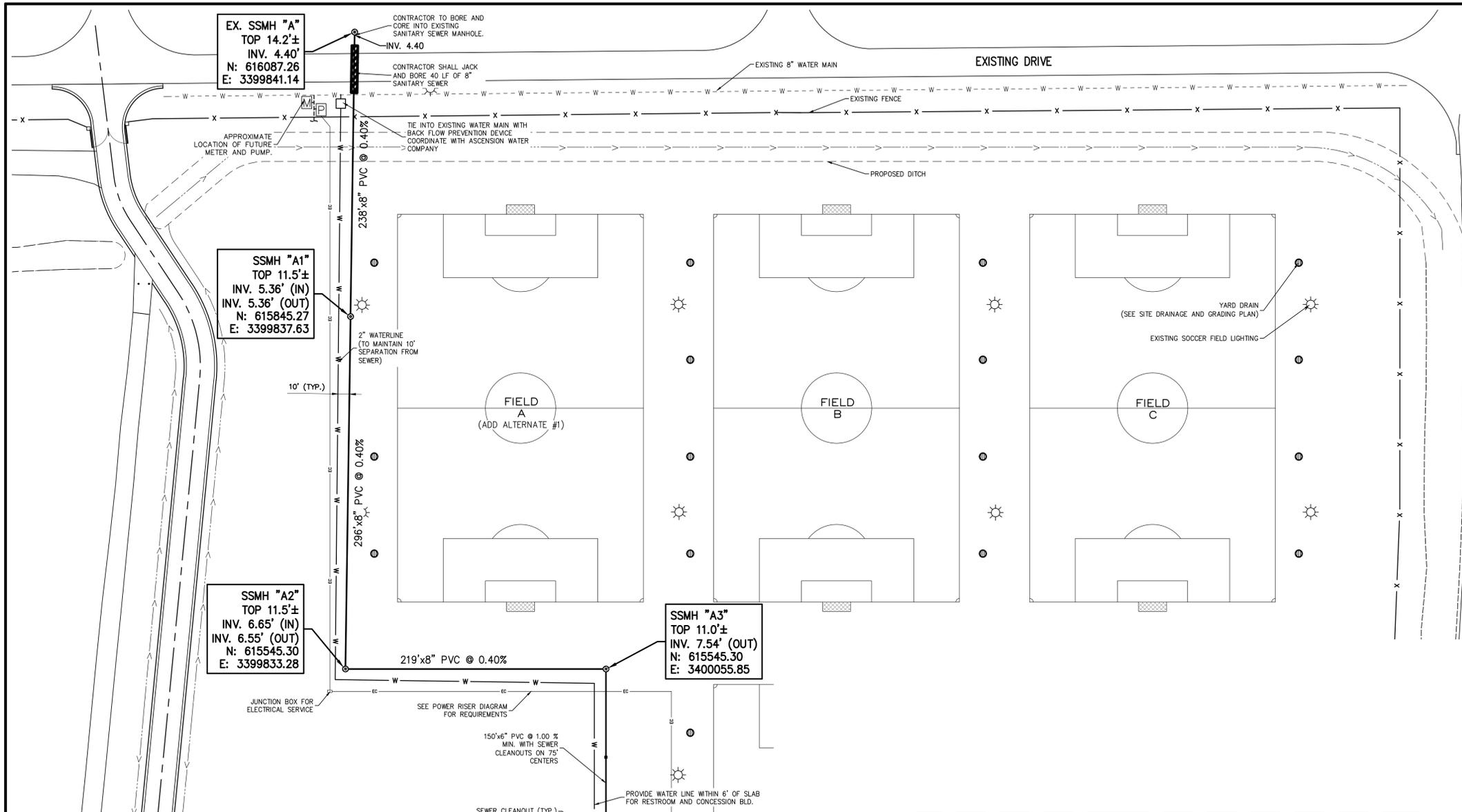
NOTE:  
 -CHAIN LINK GATE TO BE GREEN VINYL TO MATCH EXISTING FENCE  
 -MODIFICATIONS TO EXISTING FENCE WILL BE NEEDED TO MAKE PROPER CONNECTION  
 -LOCATION TO BE VERIFIED ON SITE  
 -CONTRACTOR TO PROVIDE FINAL SHOP DRAWINGS TO BE APPROVED BY ENGINEER PRIOR TO CONSTRUCTION

30' DOUBLE CHAIN LINK GATE (ENTRANCE AT LAMAR DIXON)  
 SCALE: 1/2" = 1'-0"

Client: <b>ASCENSION PARISH</b> 4807 CHURCHPOINT ROAD GONZALES, LA 70737	Project: <b>LAMAR DIXON SOCCER COMPLEX</b> 9039 S. ST. LANDRY AVE GONZALES, LA 70737
Title: <b>GATE DETAILS</b>	Description: LOCATED IN SECTION 4, TOWNSHIP 14 NORTH, RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA
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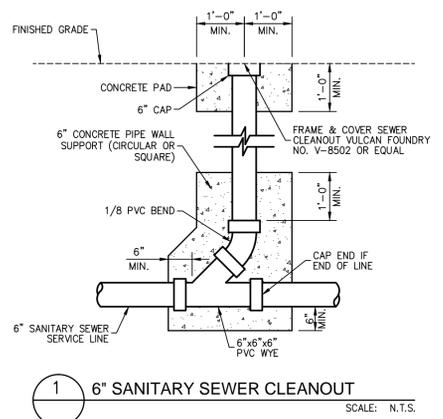
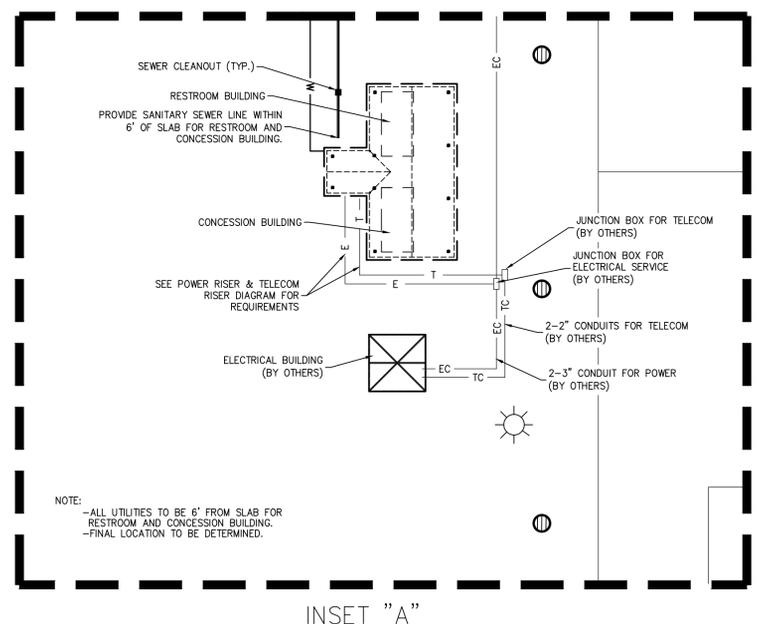
Date:	APRIL 2016
Project No.:	2015.0001
Recreation No.:	REC-13-001
Engineering No.:	14-007
Drawn By:	RMB



**LEGEND:**

- X ——— EXISTING FENCE
- E ——— ELECTRICAL SERVICE
- T ——— TELECOM SERVICE
- EC ——— UNDERGROUND EMPTY CONDUIT (BY OTHERS)
- TC ——— UNDERGROUND TELECOMMUNICATION CONDUIT (BY OTHERS)
- W --- EXISTING WATER SERVICE LINE
- W ——— PROPOSED WATER LOCATION
- SS ——— PROPOSED SANITARY SEWER LINE
- ☼ ——— EXISTING SOCCER FIELD LIGHTING

- UTILITY NOTES:**
- 1.) THE MATERIALS AND INSTALLATION USED IN THE CONSTRUCTION OF ALL SANITARY SEWER STRUCTURES (I.E. MANHOLES, CLEANOUTS, SEWER LINES) SHALL CONFORM TO THE LOUISIANA STATE PLUMBING CODE, LATEST EDITION.
  - 2.) ALL SANITARY SEWER PIPE SHALL BE INSTALLED AND BEDDED AS PER THE LOUISIANA STATE PLUMBING CODE, LATEST EDITION (STANDARD BEDDING AND BACKFILL DETAILS).
  - 3.) ALL SANITARY SEWER LINES AND FITTINGS SHALL BE PVC WITH THE MATERIAL MEETING AND THE PIPE CONFORMING TO THE CURRENT ASTM SPECIFICATION D-3034, SDR-35. JOINTS FOR PVC PIPE SHALL CONFORM TO CURRENT ASTM SPECIFICATION D-3212.
  - 4.) TOP ELEVATIONS OF ALL STRUCTURES WITHIN LIMITS OF PAVEMENT SHALL, UNLESS OTHERWISE NOTED, MATCH THE PROPOSED PAVEMENT ELEVATIONS.
  - 5.) SANITARY SEWER FACILITIES SHALL BE CONSTRUCTED, INSTALLED AND TESTED IN ACCORDANCE WITH LOUISIANA PLUMBING CODE, LATEST EDITION.
  - 6.) THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND FLOWLINES OF ALL EXISTING SANITARY SEWERS AND WATER LINES PRIOR TO CONNECTION. ALL CONNECTIONS SHALL COMPLY WITH ALL LOCAL CODES AND/OR UTILITY COMPANY REQUIREMENTS CONCERNING THE SPECIFICATIONS AND INSTALLATION.
  - 7.) ALL WATER LINES SHALL BE LAID A MINIMUM OF 6'-FT HORIZONTALLY FROM ANY SANITARY SEWER, STORM DRAIN, OR MANHOLE. WHENEVER WATER LINES MUST CROSS SANITARY SEWERS, LATERALS, OR STORM DRAINS, THE WATER LINE SHALL BE LAID AS TO PROVIDE AN 18-INCH SEPARATION BETWEEN THE WATER LINE AND THE DRAIN OR SEWER. A FULL LENGTH OF WATER LINE SHALL BE CENTERED OVER THE SANITARY SEWER LINE TO BE CROSSED SO THAT THE JOINTS WILL BE EQUALLY DISTANT FROM THE SEWER AND AS REMOTE THEREFROM AS POSSIBLE. THIS VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER LINE LOCATED WITHIN 6'-FT HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED.
  - 8.) ALL WATER SERVICE LINE (DIAMETER LESS THAN 4") SHALL BE SCHEDULE 40 PVC AS MANUFACTURED ACCORDING TO ASCENSION PARISH REQUIREMENTS. ALL CONDUIT SHALL BE NEW AND SHALL BEAR THE INSPECTION LABEL OF THE UNDERWRITES LABORATORIES, INC. CONDUIT SHALL HAVE A MINIMUM FINISH GRADE OF COVER OF 24" OR MINIMUM CODE REQUIREMENT, WHICHEVER IS GREATER.
  - 9.) A 14 GAGE GALVANIZED STEEL WIRE AND APPROVED DETECTABLE TAPE SHALL BE LAID IN THE TRENCH ON TOP OF ALL UNDERGROUND NONMETALLIC PIPE AS A TRACER.
  - 10.) ALL WATER VALVES SHALL HAVE CONCRETE BOX COVERS AND HAVE A GROUND ROD LEADING TO TRACER WIRE CLAMPING IT TO THE BOTTOM OF THE VALVE BOX.
  - 11.) ALL WATER VALVES SHALL CONFORM TO AWWA C-509 87.
  - 12.) CONTRACTOR SHALL COORDINATE ALL UTILITY TIE-INS WITH THE UTILITY COMPANY AND OR SERVICE PROVIDER.



**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.

**LA One Call**  
1-800-272-3020

Client: ASCENSION PARISH  
4807 CHURCHPOINT ROAD  
GONZALES, LA 70737

Project: LAMAR DIXON SOCCER COMPLEX  
9439 S.S.T. LANDRY AVE  
GONZALES, LA 70737

Title: UTILITIES LAYOUT PLAN

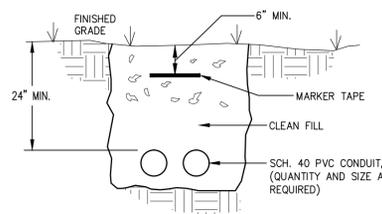
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DAWG Drafts: P:\14-007-01 Lamar Dixon Soccer Complex\Drawings\Engineering\Plan\Current\Combined Set\14-007-01\_00\_UTILITIES\_LAYOUT\_PLAN.dwg

**QUALITY**  
Engineering & Surveying, LLC  
18330 Hwy 42, Port Vincent, LA 70726  
TEL: 225-698-1600 FAX: 225-698-3367  
www.QUESLA.com



Date:	APRIL 2016
Project No.:	2015.0001
Recreation No.:	REC-13-001
Engineering No.:	14-007
Drawn By:	RMB
19 OF 32	



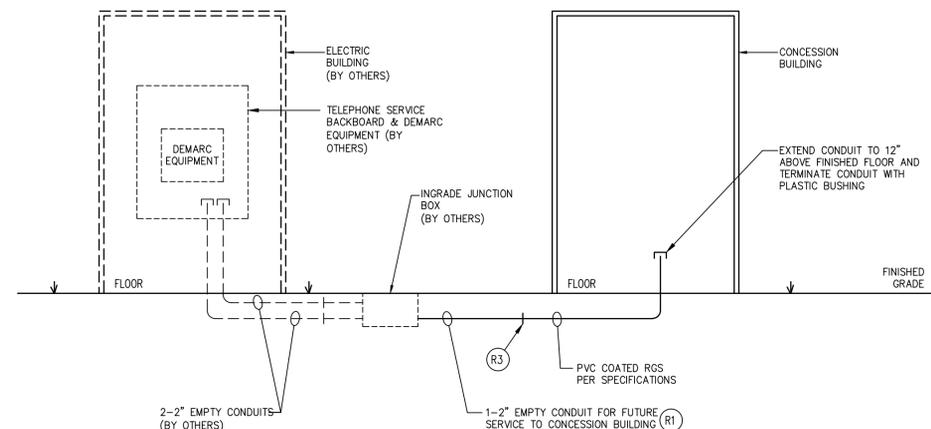
**DUCT BANK NOTES:**

DB1. IF ROCK IS ENCOUNTERED IN EXCAVATION, THE MINIMUM COVER REQUIREMENTS MAY BE REDUCED BY 6" FOR EVERY 4" OF CONCRETE PAD INSTALLED ABOVE THE CONDUIT. FINAL MINIMUM COVER SHALL NOT BE LESS THAN 6". REDUCTION OF MINIMUM COVER REQUIREMENTS SHALL BE APPROVED BY THE PROFESSIONAL.

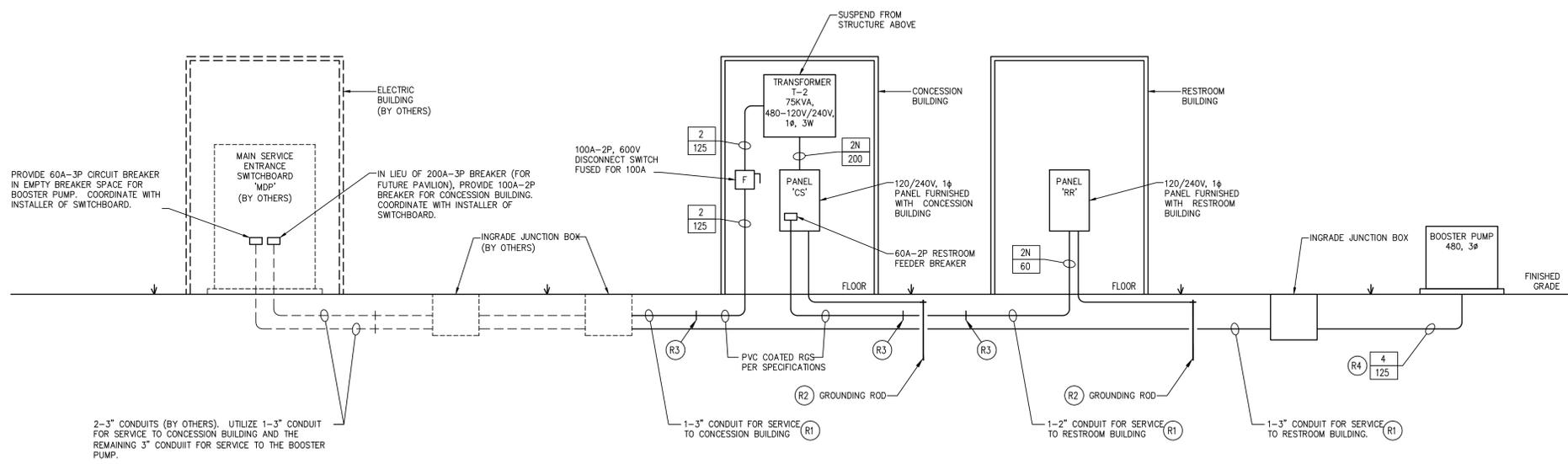
DB2. WHERE DUCT BANKS ARE INSTALLED UNDER PAVED SURFACES SUBJECT TO VEHICULAR TRAFFIC, CONCRETE ENCASE DUCT BANK. MAINTAIN 3" OF CONCRETE COVER AND 3" OF CONCRETE BETWEEN CONDUITS AT ALL TIMES. INSTALL CONDUITS SPACED ON 7.5" CENTERS MINIMUM.

DB3. MAINTAIN 12" OF SEPARATION BETWEEN ELECTRICAL CONDUITS AND ALL OTHER UTILITIES.

**3 DUCT BANK DETAIL**  
SCALE: NONE

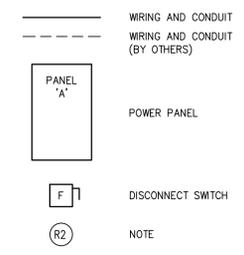


**2 TELECOM RISER DIAGRAM**  
SCALE: NONE



**1 POWER RISER DIAGRAM**  
SCALE: NONE

**RISER LEGEND**



**RISER NOTES**

- (R1) CONDUIT SHALL BE SCHEDULE 40 PVC AND PROVIDED 24" BELOW FINISHED GRADE. CONDUIT SHALL BE SEALED OR CAPPED TO PREVENT DEBRIS FROM ENTERING THE SYSTEM. SEE "DUCT BANK DETAIL" FOR ADDITIONAL REQUIREMENTS.
- (R2) PROVIDE QUANTITY OF GROUND RODS IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE (NEC).
- (R3) TRANSITION FROM PVC CONDUIT TO PVC COATED RIGID GALVANIZED STEEL (RGS) CONDUIT 5'-0" OUTSIDE THE BUILDING PER SPECIFICATIONS.
- (R4) CONDUCTOR SIZE INCREASED TO ACCOUNT FOR A 3% VOLTAGE DROP.

TAG	AMPS	CONDUCTORS				CONDUIT	
		PARALLEL SET(S)	PHASE SIZE	NEUTRAL SIZE	GROUND SIZE	NO.	SIZE
X 60	60A	1	#6	#6	#10	1	1 1/4"
X 100	100A	1	#3	#3	#8	1	1 1/2"
X 125	125A	1	#1	#1	#6	1	1 1/2"
X 200	200A	1	#3/0	#3/0	#6	1	2"
X 225	225A	1	#4/0	#4/0	#4	1	2 1/2"

TAG	PHASE DESCRIPTION	WIRING	BRANCH CIRCUIT CONDUCTORS REQUIRED (PER SET)
X 2 XXX	L-L SINGLE PHASE WITH GROUND	TWO CONDUCTORS, GROUND	2W + G
X 2N XXX	L-L SINGLE PHASE WITH NEUTRAL AND GROUND	TWO CONDUCTORS, NEUTRAL, GROUND	3W + G
X 3 XXX	L-L THREE PHASE WITH GROUND	THREE CONDUCTORS, GROUND	3W + G
X 4 XXX	L-L THREE PHASE WITH NEUTRAL AND GROUND	THREE CONDUCTORS, NEUTRAL, GROUND	4W + G

- FEEDER/BRANCH CIRCUIT SCHEDULE NOTES:**
- FB1. CONDUIT AND CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS SHALL BE SIZED IN ACCORDANCE WITH THE ABOVE SCHEDULE UNLESS NOTED OTHERWISE BY THE DRAWINGS.
  - FB2. SCHEDULE IS BASED ON THHN/THWN & XHHW COPPER CONDUCTORS ONLY. OTHER CONDUCTOR TYPES MAY REQUIRE LARGER CONDUITS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
  - FB3. CONDUCTOR SIZES ARE BASED ON 75 DEG. C TERMINATIONS. WHERE LESS THAN 75 DEG. C TERMINATIONS WILL BE USED, CONDUCTORS SHALL USE THE APPROPRIATE AMPERAGE RATING IN ACCORDANCE WITH THE NEC.
  - FB4. GROUND CONDUCTOR SIZE INDICATED IS FOR THE EQUIPMENT GROUND PER NEC ARTICLE 250, TABLE 250-122 UNLESS NOTED OTHERWISE.
  - FB5. NOT ALL FEEDERS/BRANCH CIRCUIT TAGS SCHEDULED MAY BE SHOWN ON THE ONE-LINE/RISER DIAGRAM OR USED ON THE DRAWINGS.

**NOTE:**  
DRAWINGS PROVIDED BY:  
BUCHART HORN, INC./ BASCO ASSOCIATES

Client: **ASCENSION PARISH**  
4807 CHURCHPOINT ROAD GONZALES, LA 70737

Project: **LAMAR DIXON SOCCER COMPLEX**  
9439 S.S.T. LANDRY AVE GONZALES, LA 70737

Title: **UTILITIES DETAILS**

Description: **LOCATED IN SECTION 4, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA**

DAWG: P:\14-001-01 Lamar Dixon Soccer Complex Drawings\Engineering\Plans\Current\Combined\Sheets\14-001-01\_2 UTILITIES DETAILS.dwg

**QUALITY**  
Engineering & Surveying, LLC  
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TEL: 225-698-1600 FAX: 225-698-3367  
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Stamps:  
Professional Engineer in Civil Engineering  
42616

Date: **APRIL 2016**

Project No.: **2015.0001**

Recreation No.: **REC-13-001**

Engineering No.: **14-007**

Drawn By: **BH**

20 OF 32

**ELECTRICAL SPECIFICATIONS**

**I. BASIC REQUIREMENTS**

- A. Plans are intended to show the general arrangement of the architectural, mechanical, and electrical systems. The Contractor is responsible for verifying all existing obstructions and dimensions at the site.
- B. All work shall comply with the latest edition of the National Electrical Code (NEC) including amendments and all applicable state and local codes and ordinances.
- C. Upon completion of the Work, this Contractor shall remove all dirt, foreign materials, stains, fingerprints, etc., from all equipment, fixtures, plates, etc., installed under this Project, and shall leave the Work in such a condition that no cleaning by the Owner is required.
- D. The Contractor shall furnish and erect all scaffolding and ladders required in the installation of wiring, equipment and fixtures.
- E. All Work shall be installed in a first class, neat and workmanlike manner by mechanics skilled in the trade involved. The quality of workmanship shall be subject to the approval of the Professional and the Owner. Any Work found by the Professional or Owner to be of inferior quality and/or workmanship shall be replaced and/or reworked until approval of the Owner is obtained. Any cost involved in obtaining said approval shall be the responsibility of the Contractor.
- F. The Contractor shall, at his own expense, repair, replace and maintain in service any utilities, facilities or services damaged, broken, or otherwise rendered inoperative during the course of construction by him or his representatives.
- G. In order to establish standards of quality and performance, all types of materials listed hereinafter by manufacturer's names and/or manufacturer's catalog number shall be provided by these manufacturers as specified. Substitutions will be considered where sufficient product information is provided to make a proper evaluation. Approval of a substitution is at the sole discretion of the Professional.
- H. This Contractor shall submit copies of the product data, shop drawings, etc., of all equipment as called for herein. All drawings, etc., submitted for approval 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. None of the following items shall be installed in the Work or orders placed for same until final approval has been given:

- 1. Boxes including junction, pull, and outlet types.
- 2. Certificates and/or certifications including inspections.
- 3. Conductors and MC cable.
- 4. Conduit.
- 5. Enclosed controllers.
- 6. Fuses.
- 7. Grounding.
- 8. Identification.
- 9. Power study - short circuit & arc flash.
- 10. Operations and maintenance manuals.
- 11. Safety switches.
- 12. Switchboard circuit breakers.
- 13. Transformers - low voltage.
- 14. Warranties.

- I. Submit record documents in accordance with the requirements of the Contract. In addition to the Contract requirements, indicate installed conditions for:

- 1. Major raceway systems, size and location; locations of control devices; distribution and branch electrical circuitry; and fuse and circuit breaker size and arrangements.

- a. Revisions to details shown on the Drawings.
- b. Locations and depths of all underground utilities.
- c. Changes made by change order, written orders, and Owner requested.

- 2. Approved substitutions, contract modifications, and actual equipment and materials installed.
- 3. Record circuit numbers and associated panelboard space numbers for electrical appurtenances, mechanical equipment, Owner furnished equipment, etc., that required power. Each circuit number shall be shown with a homerun coming off the equipment it serves. Circuit numbers indicated on the record drawings shall match the panelboard indexes.

- J. Submit operation and maintenance manuals in accordance with the requirements of the Contract. In addition to the Contract requirements, include the following:

- 1. Description of function, normal operating characteristics and limitations, performance curves, engineering data and tests, and complete nomenclature and commercial numbers of replacement parts.
- 2. Manufacturer's printed operating procedures to include start-up, break-in, and routine and normal operating instructions; regulation, control, stopping, shutdown, and emergency instructions; and summer and winter operating instructions.
- 3. Maintenance procedures for routine preventative maintenance and troubleshooting; disassembly, repair, and reassembly; aligning and adjusting instructions.
- 4. Servicing instructions schedules.
- 5. Copy of all **APPROVED** product data and shop drawings including riser/one-line diagrams.

**II. CONDUCTORS AND CABLES - POWER**

- A. **Conductors:** THWN/THHN or XHHN copper, aluminum conductors will **NOT** be acceptable. Type XHHN shall be used in damp/wet locations, underground, and in areas prone to moisture.

- 1. No. 10 AWG and smaller shall be solid. Conductors larger than No. 10 AWG shall be stranded. Conductors smaller than No. 12 AWG shall **NOT** be used.
- 2. All conductors shall be run in conduit. Wiring shall be code size except where drawings indicate larger size.

**III. GROUNDING**

- A. All equipment enclosures, devices and conduits shall be grounded to conform to the latest requirements of the NEC by the installation of a separate, green, insulated ground conductor for all feeder and branch circuits. Ground conductors shall be of the size indicated on the drawings or required by the NEC, whichever is more stringent. Ground conductors shall be continuous in length and shall be bonded to each enclosure they pass through. Conduit shall **NOT** be used as a grounding circuit.
- B. **Grounding Conductors:** Copper with green-colored insulation.
- C. **Grounding-Electrode Conductors:** Bare, standard copper cable except underground shall be tinned.
- D. **Grounding Electrodes (Rods):** Copper-clad steel exothermically welded to grounding-electrode conductor. Service entrance electrodes shall be 3/4 inch by 120 inches and rods for a metal pole supporting outdoor lighting fixtures shall be 5/8 inch by 96 inches.

**IV. CONDUIT**

- A. Conduit and Tubing Materials: Not smaller than 3/4 inch trade size. Empty conduit shall be provided with nylon cord with average breaking strength of not less than 200 pound-force and with at least 12 inches of slack at each end of the pull wire.
  - 1. **Galvanized Steel Rigid Metal Conduit (RMC):** Complying with ANSI C80.1 and listed and labeled as complying with UL 6. Fittings shall be threaded type steel couplings and connectors.
  - 2. **PVC-Coated RMC:** RMC with external polyvinyl chloride (PVC) coating complying with NEMA RN 1 and listed and labeled as complying with UL 6. Exterior coating shall be polyvinyl chloride (PVC) with nominal thickness of 40 mil and interior coating with urethane, minimum thickness of 2 mil. Fittings shall be PVC-coated, threaded type steel couplings and connectors.
  - 3. **Electrical Metallic Tubing (EMT):** Steel complying with ANSI C80.3 and listed and labeled as complying with UL 79/ANSI. Fittings shall be compression (gland) type steel couplings and connectors. Do **NOT** use die cast zinc fittings or indenter or self-screw type connectors and couplings.
  - 4. **Flexible Metallic Conduit (FMC):** Standard wall steel listed and labeled as complying with UL 1. Fittings shall be steel or malleable iron with screw-in type connectors with an insulated throat. Do **NOT** use die cast zinc fittings.
  - 5. **Liquid Flexible Metal Conduit (LFMC):** Polyvinyl chloride (PVC) jacketed steel listed and labeled as complying with UL 360. Fittings shall be steel or malleable iron screw-in type connectors with an insulated throat. Do **NOT** use die cast zinc fittings.
  - 6. **Rigid Polyvinyl Chloride (PVC) Conduit:** Schedule 40 or 80 with fittings complying with NEMA TC 3 and listed and labeled as complying with UL 651; material to match conduit.

**B. Applications:**

- 1. **Exposed:** Use RMC or EMT for indoor installations and PVC-coated RMC for outdoor installations.
- 2. **Concealed:** Use EMT for indoor installations.
- 3. **Underground:** Use PVC coated RMC or rigid PVC conduit.
- 4. **Connection to Vibrating Equipment:** Use FMC for indoor installations and LFMC for wet or damp locations or outdoor installations.

**V. BOXES**

- A. **Outlet and Device Boxes:** Not smaller than 4 inch square. Use sheet metal complying with NEMA OS 1 for indoor and cast-metal with gasketed cover for outdoor complying with NEMA FB 1.
- B. **Pull and Junction Boxes:** Sheet metal for indoors and galvanized steel for outdoors.
- C. **Underground Handholes and Pull Boxes:** In-ground, open bottom, polymer concrete enclosures furnished with flush, non-skid covers with legend indicating type of service (e.g., POWER, LIGHTING, COMMUNICATION) and stainless steel tamper resistant cover bolts complying with the requirements of SCTE 7 Tier 15 loading. Combination fiberglass/polymer concrete boxes/enclosures are **NOT** acceptable.

- 1. 12" x 12" minimum size with outside flanges and recessed cover for flush mounting. Depth as required to extend below frost line to prevent frost upheaval, but not less than 12 inches.
- 2. Where applicable include a divider to allow separation between electric and communication cables.
- 3. Provide 6" stone base.

**VI. IDENTIFICATION**

- A. **Nameplates:** Two-layer or three-layer laminated acrylic or electrically non-conductive phenolic with beveled edges; minimum thickness of 1/16 inch; engraved white text on black background. When the dimension is greater than 4 inches, a minimum thickness of 1/8 inch shall be provided. Provide two (2) holes for mechanical fastener, centered on sides for sizes up to 1 inch high and four (4) holes located at corners for larger sizes. Minimum text height shall be 1 inch for system designation, 1/2 inch for equipment designation, and 1/4 inch for other information. Secure nameplates to surfaces of enclosures using stainless steel screws.
  - 1. Distribution Equipment: Identify name, ampere rating, voltage and phase, and source of power on the equipment cover.

- B. **Underground Warning Tape:** 3 inches wide by 5 mil thick, foil-backed detectable type polyethylene tape suitable for direct burial. Type of service, continuously repeated over full length of tape. Install a minimum of 6 inches below finished grade and not less 6 inches above each ductbank.

- C. **Conductor Color Coding:** Color code conductor insulation as indicated. Maintain consistent color coding throughout project.
  - 1. 208Y/120 volt, 3 phase, 4 wire: Phase A - black; Phase B - red; Phase C - blue; Neutral - white; Ground - green; and Isolated Ground - green with a yellow stripe.
  - 2. 480Y/277 volt, 3 phase, 4 wire: Phase A - brown; Phase B - yellow; Phase C - orange; white with a colored stripe or gray; Ground - green; and Isolated Ground - green with a yellow stripe.
  - 3. Conductors size 4 AWG and larger may have black insulation color coded using vinyl color coding electrical tape.
  - 4. For control circuits, comply with manufacturer's recommended color code.

- D. **Marker:** Outlet/device boxes including pull/junction boxes shall be identified with a permanent, waterproof marker identifying the specific panel and circuit number or equivalent. Outlet boxes with face plates shall be labeled within the box and junction boxes shall be labeled on the exposed cover of the box.

- E. **Arc-Flash Warning Labels:** 3.5 inches by 5 inches with custom legend in accordance with NFPA 70E based on equipment-specific data. Use warning labels to identify arc flash hazards for panelboards that are likely to require examination, adjustment, servicing, or maintenance while energized. Labels shall identify "WARNING" or "DANGER" and include arc flash protection boundary, incident energy, hazard/risk category, PPE (personnel protective equipment) requirements, nominal voltage, shock hazard condition, limited approach boundary, restricted approach boundary, prohibited approach boundary, equipment identification, and date calculations were performed.

**VII. TRANSFORMERS**

- A. Factory-assembled, dry type transformers for 60 Hz operation designed and manufactured in accordance with NEMA ST 20 and complying with NEMA TP 1 for standard efficiency; listed and labeled as suitable for the purpose specified and indicated. Transformers shall be Cutler-Hammer/Eaton, General Electric, Siemens, or Square D/Schneider.
- B. **General Purpose:** Self-cooled (ventilated), two winding transformers listed and labeled as complying with UL 506 or UL 1561; impedance not less than 2%; ratings as indicated on the drawings. Coil Conductors shall be continuous copper windings with terminations brazed or welded. Insulation system shall be Class 220 degrees C with 150 degrees C average winding temperature rise. Winding taps shall have two 2.5 percent full capacity primary taps above and four 2.5 percent full capacity primary taps below rated voltage.

**VIII. SWITCHBOARD CIRCUIT BREAKERS**

- A. Ground Fault Protection: Listed and labeled with a ground-fault protection system complying with UL 1053. Where overcurrent protective devices equipped with integral ground fault protection are used, provide separate neutral current sensor where applicable. Where accessory ground fault sensing and relaying equipment is used, equip companion overcurrent protective devices with ground-fault shut trips. Use zero sequence or residual ground fault detection method unless otherwise indicated.
- B. Circuit Breakers: Provide molded case of type as shown in the switchboard schedule.

- 1. **Thermal Magnetic, Fixed:** Integral thermal and instantaneous magnetic trip in each pole.
- 2. **Thermal Magnetic, Adjustable:** Same as fixed thermal magnetic except provide field-adjustable magnetic instantaneous trip response setting for frame sizes 100A to 400A.
- 3. **Electronic Trip:** Solid state, microprocessor-based, true rms sensing trip units with field-adjustable trip response settings for frame sizes larger than 400A. Response setting shall include long time pickup (adjustable by setting dial), long time delay, short time pickup and delay, and instantaneous pickup. Where ground fault protection is required, provide ground fault pickup and delay integral to circuit breaker.

- C. Fully Rated Systems: Provide circuit breakers with interrupting capacity not less than the short circuit current rating indicated.

**IX. FUSES**

- A. NEMA FU 1, nonrenewable cartridge fuse; class as specified or indicated; current rating as indicated; voltage rating consistent with circuit voltage. Interrupting rating shall be 200,000 AIC minimum. Fuses shall be Bussmann Cooper, Merston, or Littlefuse.
- B. **Power Circuits:** Class RK1 or Class L, dual-element, time-delay
- C. **Control Circuits:** Class CC, fast-acting.

**X. SAFETY SWITCHES**

- A. NEMA KS 1, Type HD heavy duty switches of classes and current ratings as indicated. Enclosure shall be consistent with environment where located, handle lockable with 2 padlocks, and interlocked with cover in CLOSED position. Fusible type shall have dies to accommodate specified fuses. Safety switches shall be Cutler-Hammer/Eaton, General Electric, Siemens, or Square D/Schneider.
- B. Provide NEMA 1 enclosure except for outdoor switches, and other indicated locations provide NEMA 3R enclosures with raintight hubs unless indicated otherwise. For motor and motor starter disconnects, provide units with horsepower ratings suitable to the loads.

**XI. ENCLOSED CONTROLLERS**

- A. Fractional Horsepower Manual Controllers: NEMA ICS 2, AC general-purpose, Class A, manually operated, full-voltage controller for fractional horsepower induction motors, with thermal overload unit, red pilot light, and key operator. Overload relays shall have a melting alloy with inverse-time-current characteristics, Class 10 tripping characteristics, heaters matched to nameplate full-load current of actual protected motor, and external reset push button. Fractional horsepower manual controllers shall be similar to Square D/Schneider Class 2810 Type K series.

**XII. POWER STUDY**

- A. Analyze the specific electrical and utilization equipment (according to NEC definition), the actual protective devices to be used, and the actual feeder lengths to be installed. Prepare schematic drawing of electrical distribution system, with all electrical equipment and wiring to be protected by the protective devices; identify nodes on the diagrams for reference on report.
- B. **Short Circuit:** Calculate the fault impedance to determine available 3-phase short circuit and ground fault currents at each bus and piece of equipment during normal conditions, alternate operations, emergency power conditions, and other operations that could result in maximum fault conditions.
- C. **Arc-Flash:** Perform an organized arc-flash analysis of each protective device in series from the individual device back to the primary source, under normal conditions, alternate operations, and emergency power conditions. Analysis shall include recommendations to reduce arc-flash incident energy (AFIE levels) and enhance worker safety.
  - 1. The flash protection boundary and the incident energy shall be calculated at all locations in the electrical distribution system where work could be performed on energized parts. The calculated arc-flash protection boundary shall be determined using IEEE 1584 working distances.
  - 2. The incident energy calculations shall consider the accumulation of energy over time when performing arc-flash calculations on buses with multiple sources. Iterative calculations shall take into account the changing current contributions, as the sources are interrupted or decremented with time. Fault contribution from induction motors shall not be considered beyond 5 cycles.

- D. Labels: Provide arc-flash labels and apply to equipment in accordance with the identification paragraph. Labels shall be field installed on the face of the enclosure.

**XIII. EQUIPMENT CONNECTIONS**

- A. Provide all power wiring for all new and Owner furnished equipment under this Project. Power wiring shall be extended to and through disconnecting devices, local control devices, control panels, etc. and to the equipment as required and/or as hereinafter specified. New equipment shall be installed with the proper rotation and shall be complete with control equipment, control wiring, conduit, and all other items necessary for satisfactory operation.

**XIV. COORDINATION**

- A. Electrical contractor shall coordinate with the GC of Ascension Parish Project # REC 13-001.
- B. Contact Information:
  - 1. Ascension Parish: Michael Terry - (225) 450-1377.
  - 2. Emergy Gulf States Louisiana, LLC: David Barbay - (225) 382-4812.
  - 3. EATEL: Randy P. LeBlanc, Project Engineer OSP - (225) 743-7010 Work & (225) 253-1157 Mobile; Randy.LeBlanc@eatel.com.

Client: **ASCENSION PARISH**  
4807 CHURCHPOINT ROAD  
GONZALES, LA 70737

Project: **LAMAR DIXON SOCCER COMPLEX**  
9439 S.S.T. LANDRY AVE  
GONZALES, LA 70737

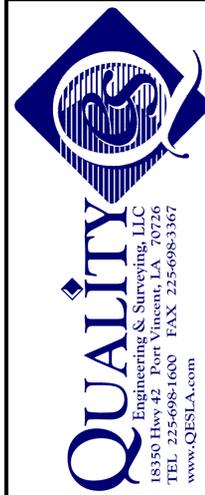
**UTILITIES NOTES**

Title:

LOCATION: LOCATED IN SECTION 4, TOWNSHIP 2 EAST, RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

Description:

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Date: **APRIL 2016**

Project No.: **2015.0001**

Recreation No.: **REC-13-001**

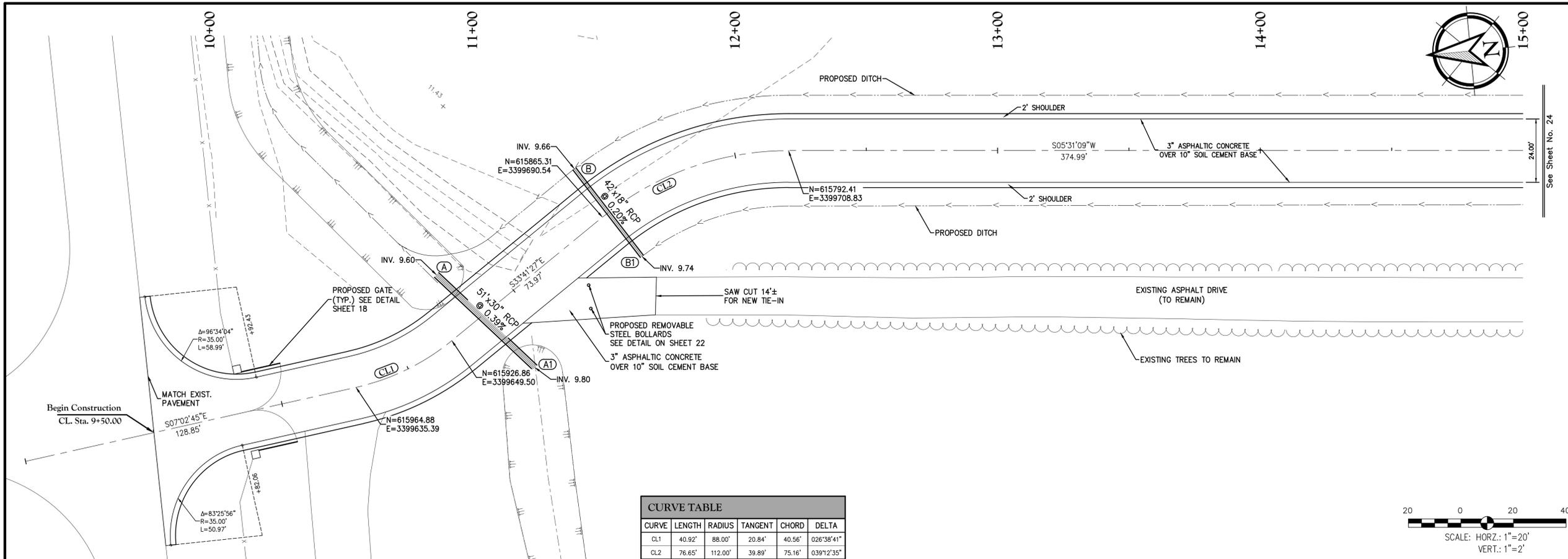
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Drawn By: **BH**

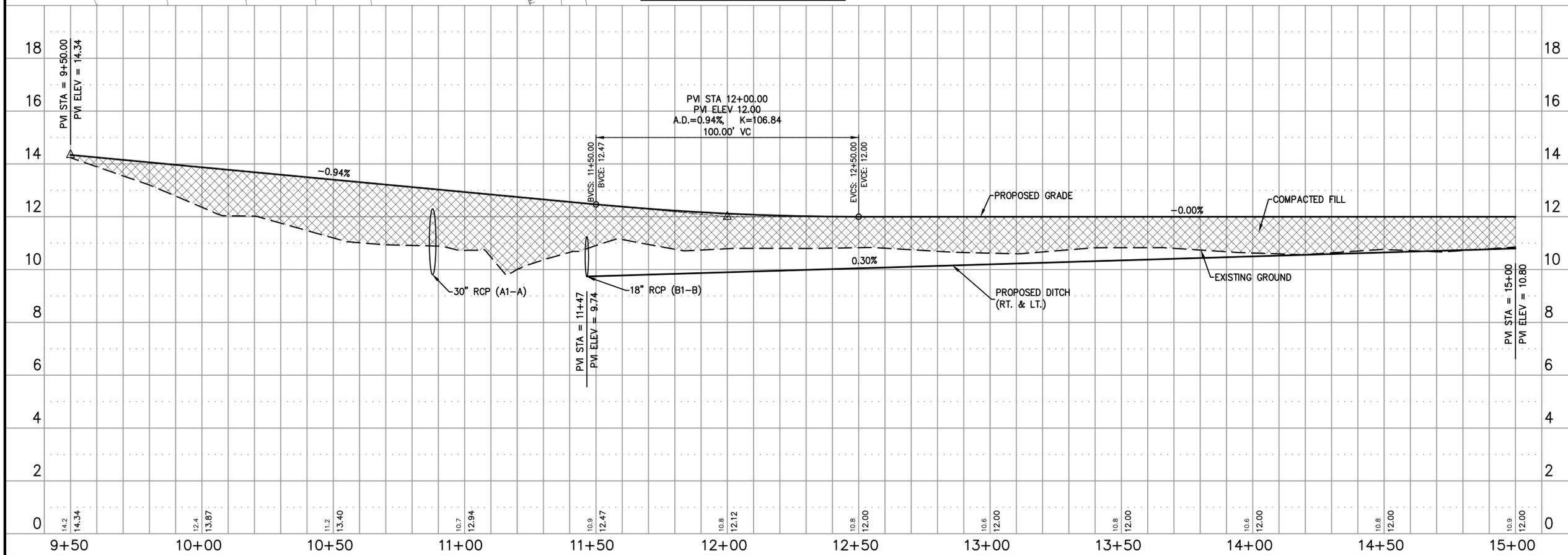
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**NOTE:**  
SPECIFICATIONS PROVIDED BY:  
BUCHART HORN, INC./ BASCO ASSOCIATES





CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
CL1	40.92'	88.00'	20.84'	40.56'	026°38'41"
CL2	76.65'	112.00'	39.89'	75.16'	039°12'35"



Client: ASCENSION PARISH  
 4207 CHURCHPOINT ROAD  
 GONZALES, LA 70737

Project: LAMAR DIXON  
 SOCCER COMPLEX  
 9439 S.S.T. LANDRY AVE  
 GONZALES, LA 70737

Title: PLAN & PROFILE  
 SOCCER COMPLEX ROAD  
 STA. 9+50 TO STA. 15+00

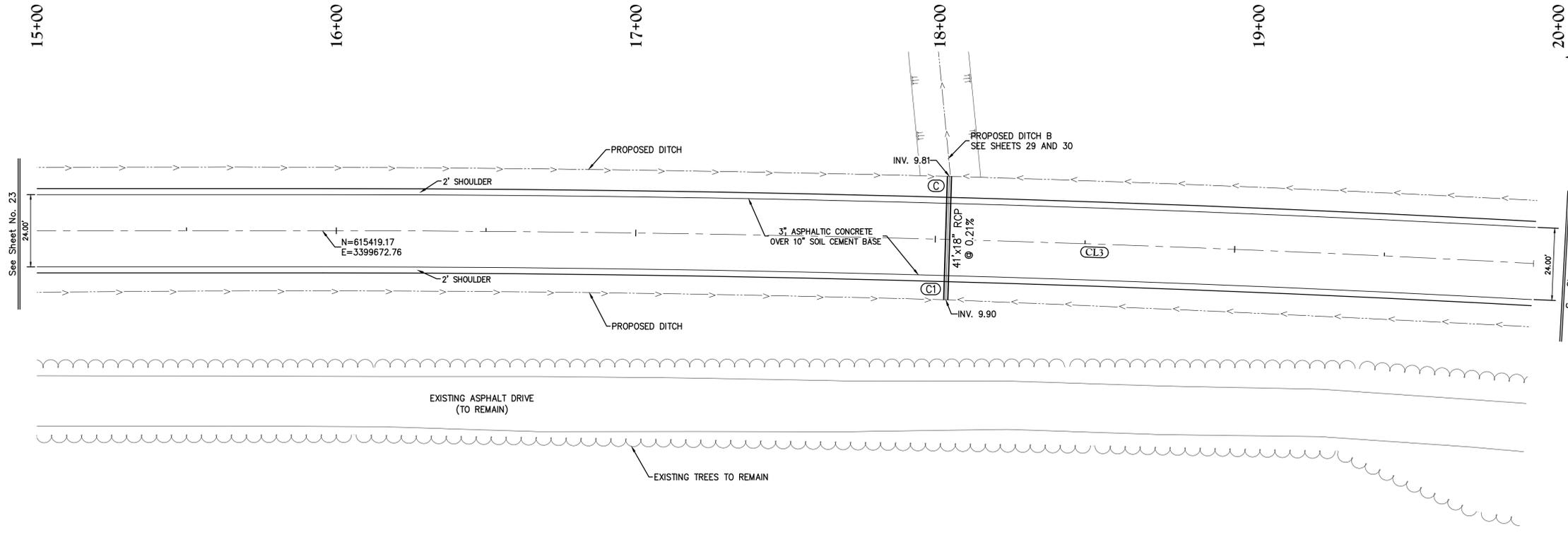
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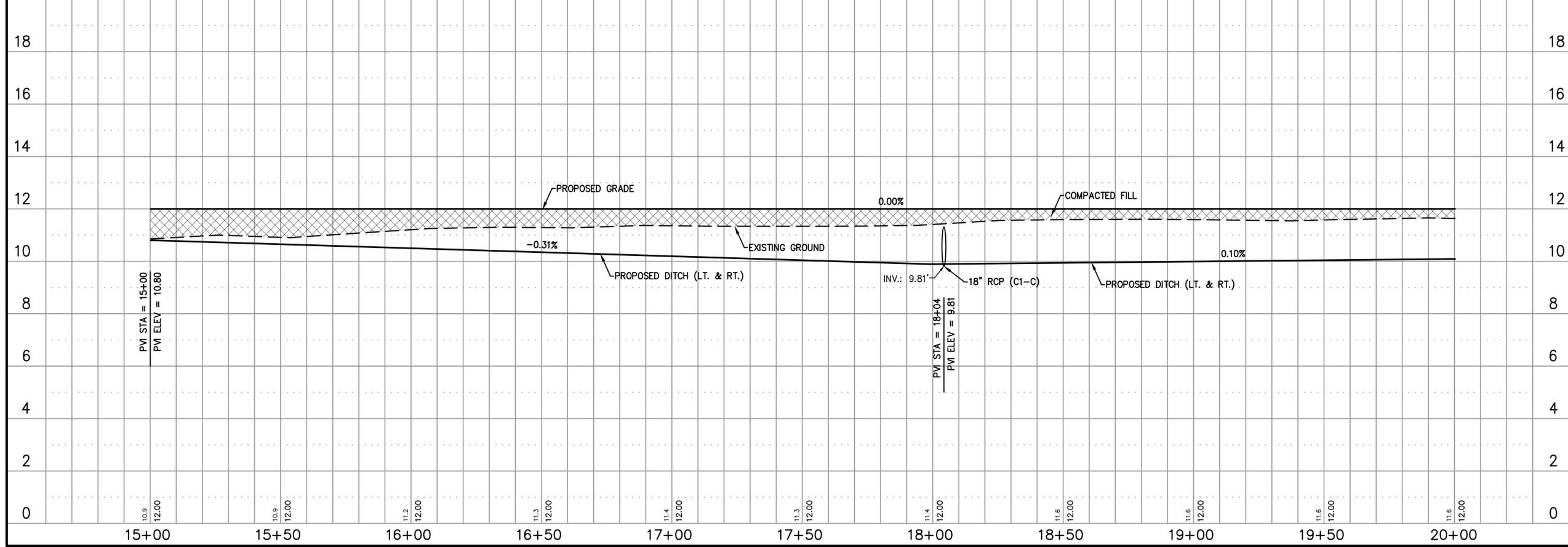
Stamps: [Professional Engineer Seal for JERRY ANTHONY PEREZ, License No. 68602, State of Louisiana]

Date: APRIL 2016  
 Project No.: 2015.0001  
 Recreation No.: REC-13-001  
 Engineering No.: 14-007  
 Drawn By: RMB

23 OF 32



CURVE TABLE					
CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
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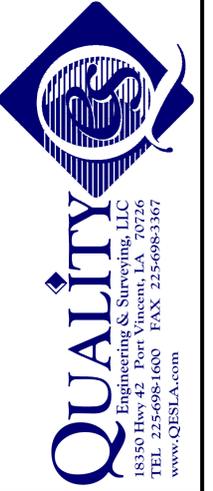
Client: ASCENSION PARISH  
 4307 CHURCHPOINT ROAD  
 GONZALES, LA 70737

Project: LAMAR DIXON  
 SOCCER COMPLEX  
 9439 S.S.T. LANDRY AVE  
 GONZALES, LA 70737

Title: PLAN & PROFILE  
 SOCCER COMPLEX ROAD  
 STA. 15+00 TO STA. 20+00

Description: LOCATED IN SECTION 4, TOWNSHIP 2 EAST, RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

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Date: APRIL 2016

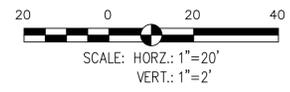
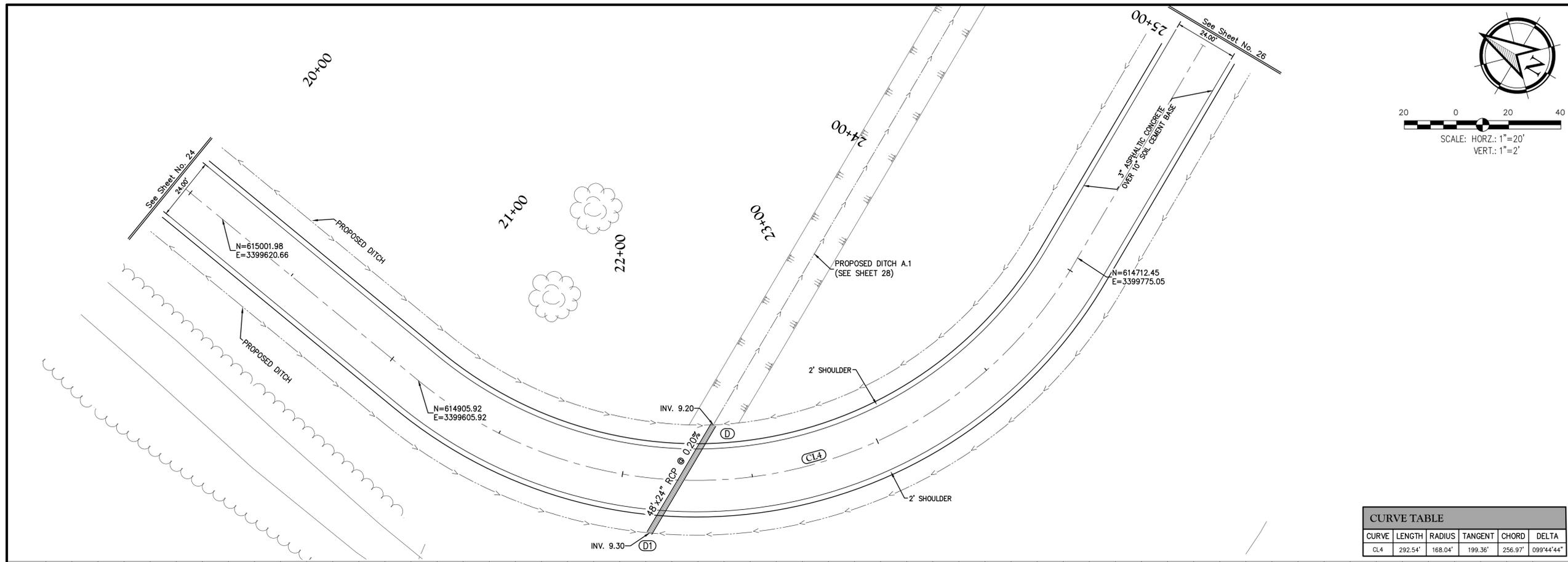
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Recreation No.: REC-13-001

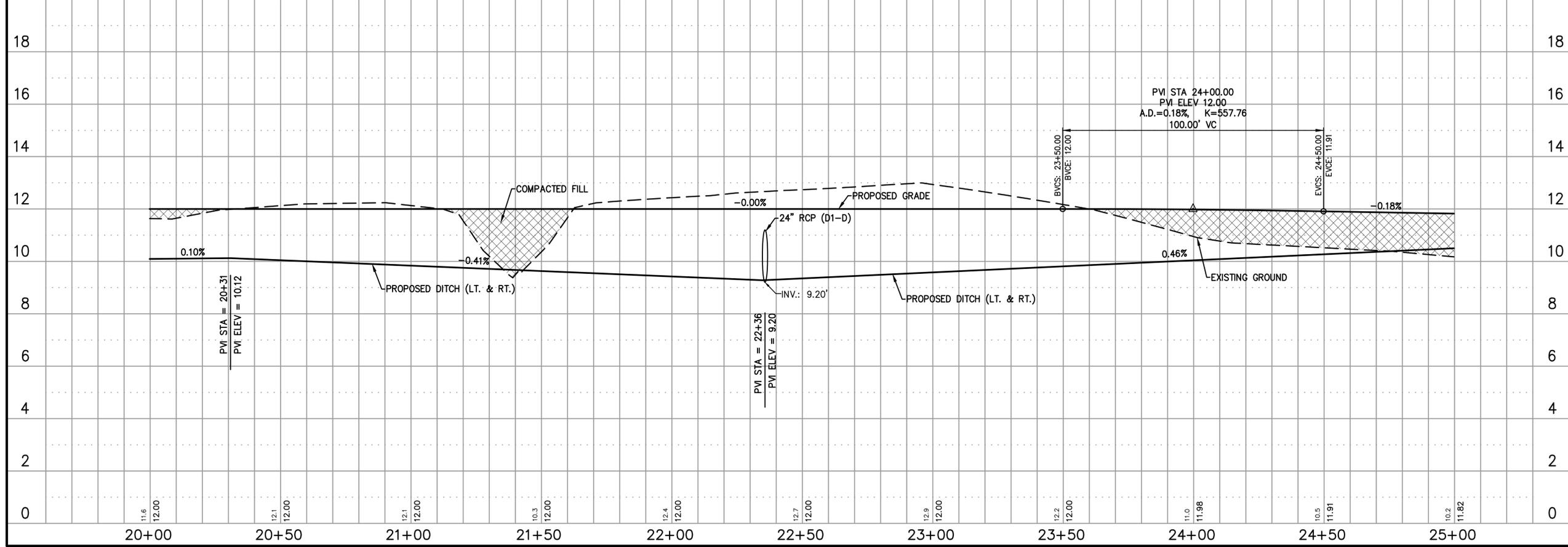
Engineering No.: 14-007

Drawn By: RMB

Sheet: 24 OF 32



CURVE	LENGTH	RADIUS	TANGENT	CHORD	DELTA
CL4	292.54'	168.04'	199.36'	256.97'	099°44'44"



Client: ASCENSION PARISH  
 4807 CHURCHPOINT ROAD  
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Project: LAMAR DIXON  
 SOCCER COMPLEX  
 9435 S.S.T. LANDRY AVE  
 GONZALES, LA 70737

Title: PLAN & PROFILE  
 SOCCER COMPLEX ROAD  
 STA. 20+00 TO STA. 25+00

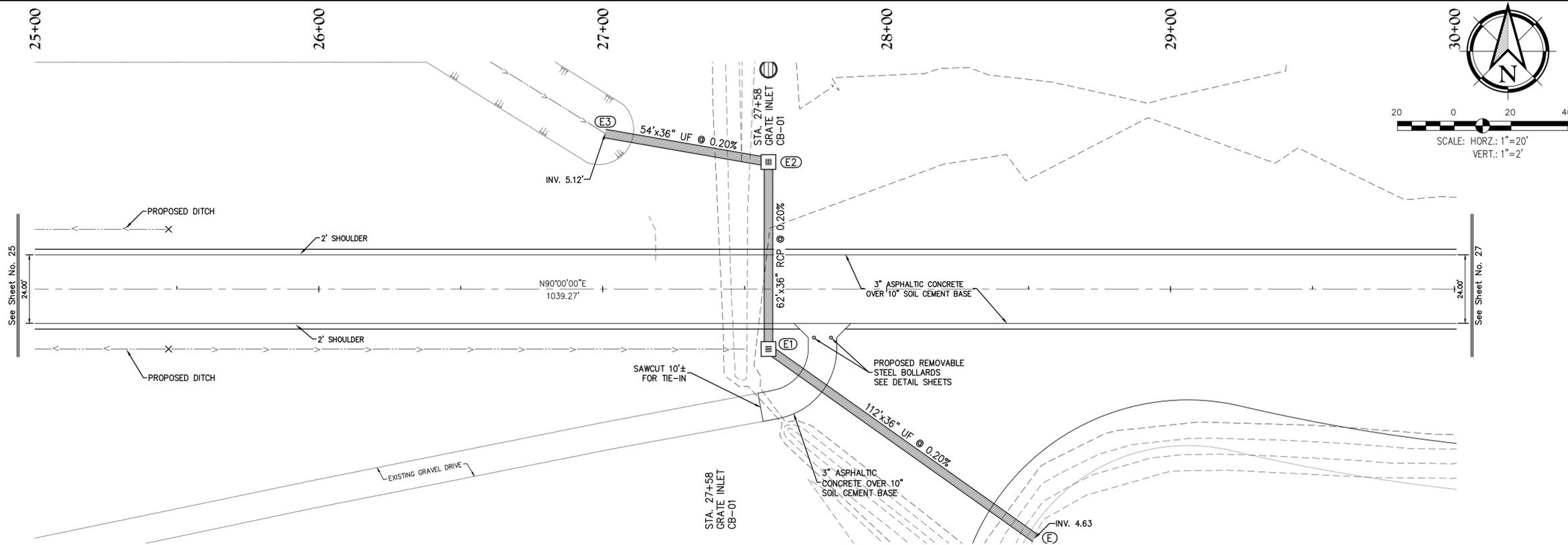
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Sheet:	25 OF 32



Client:  
**ASCENSION PARISH**  
4807 CHURCHPOINT ROAD  
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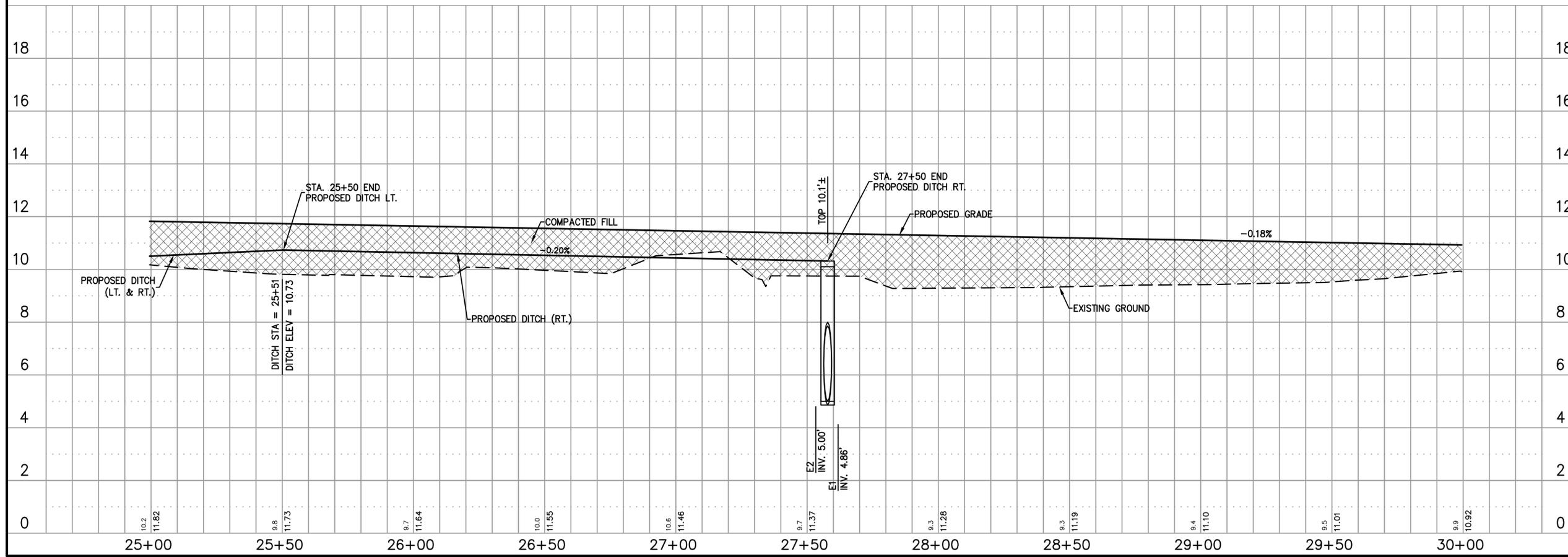
Project:  
**LAMAR DIXON  
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**PLAN & PROFILE**  
SOCCER COMPLEX ROAD  
STA. 25+00 TO STA. 30+00

Title:

Description:  
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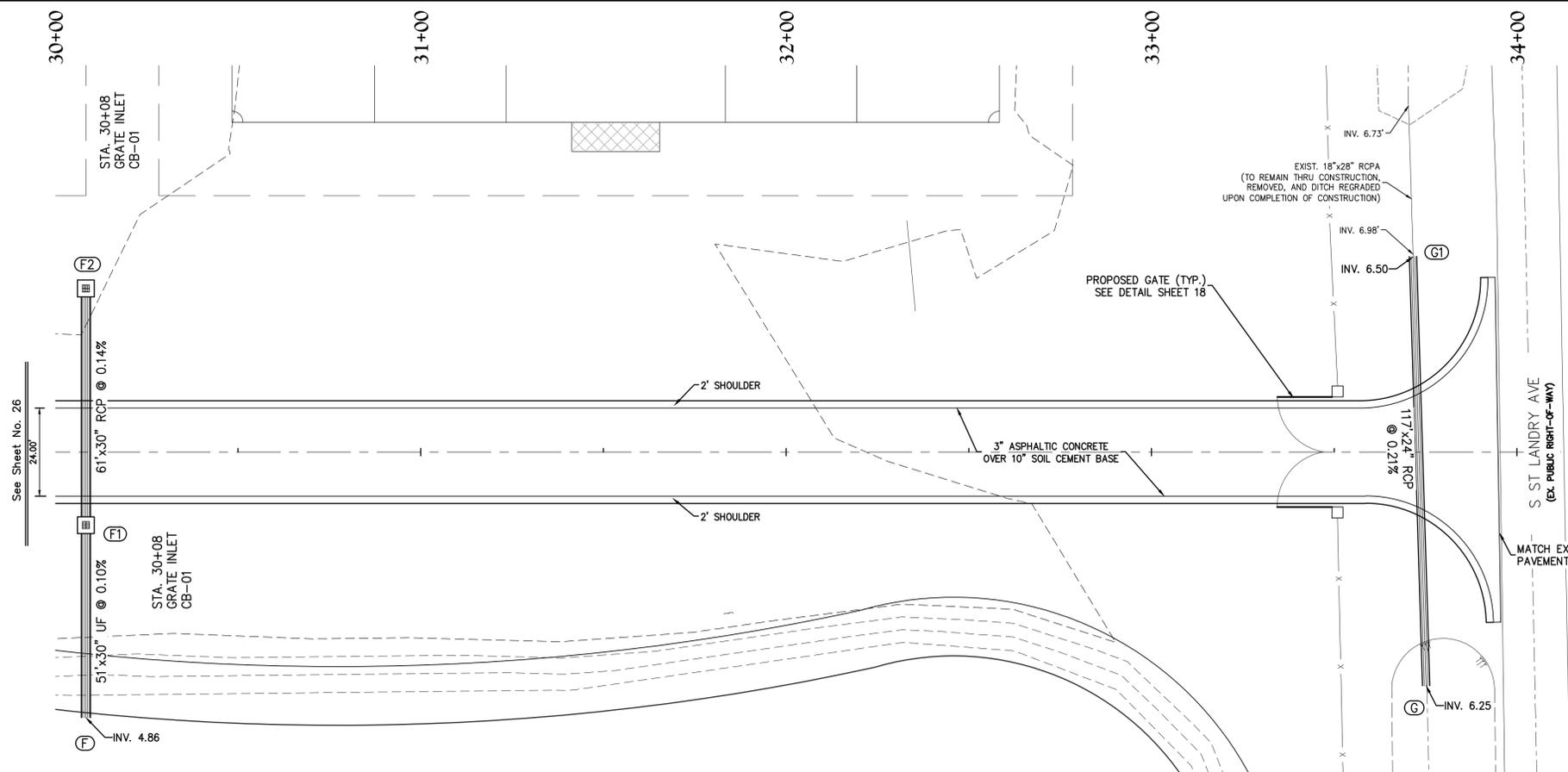
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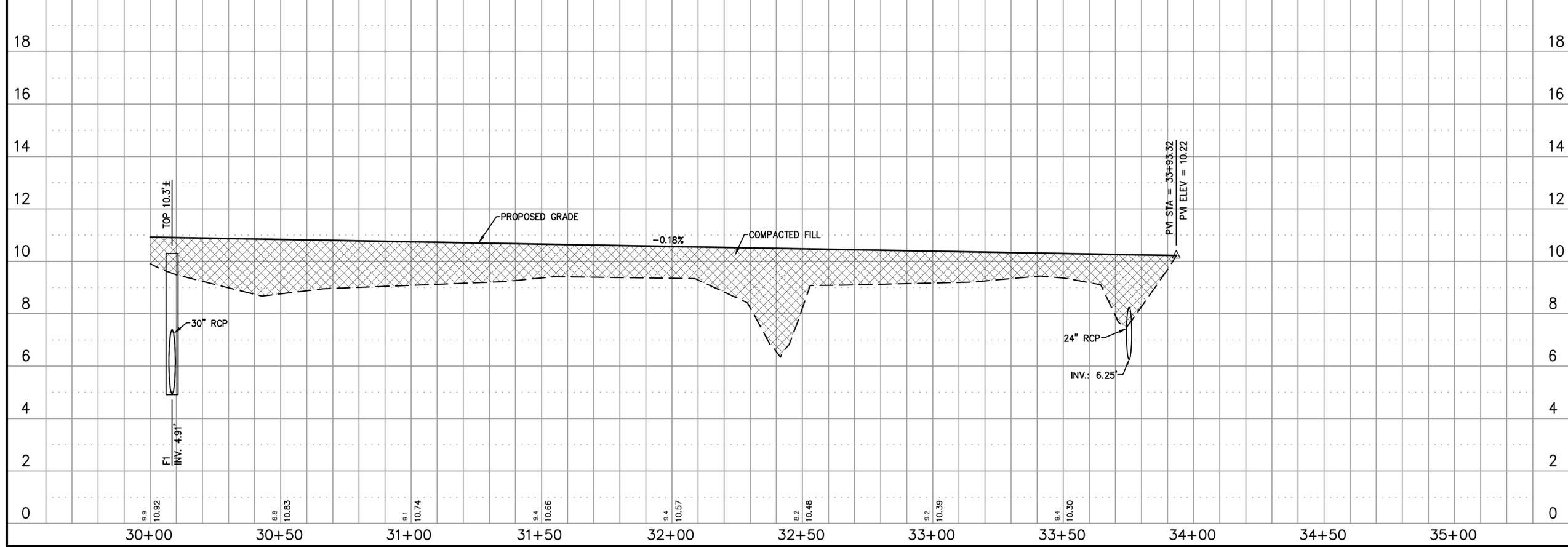
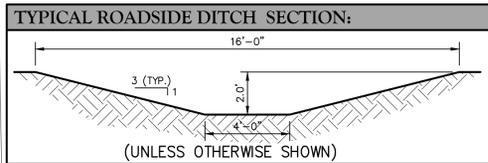


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Drawn By:	RMB
Sheet:	26 OF 32



**LEGEND:**

	EXISTING UTILITY POLE
	EXISTING GUY WIRE
	EXISTING ELECTRIC PEDESTAL
	EXISTING LIGHT POLE
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVE
	EXISTING GAS VALVE
	EXISTING TREE (SIZE/TYPE VARIES)



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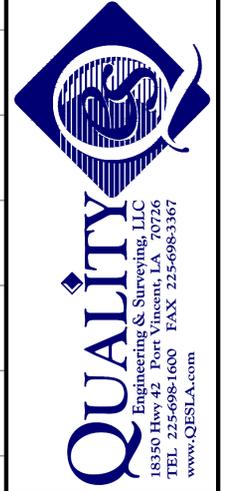
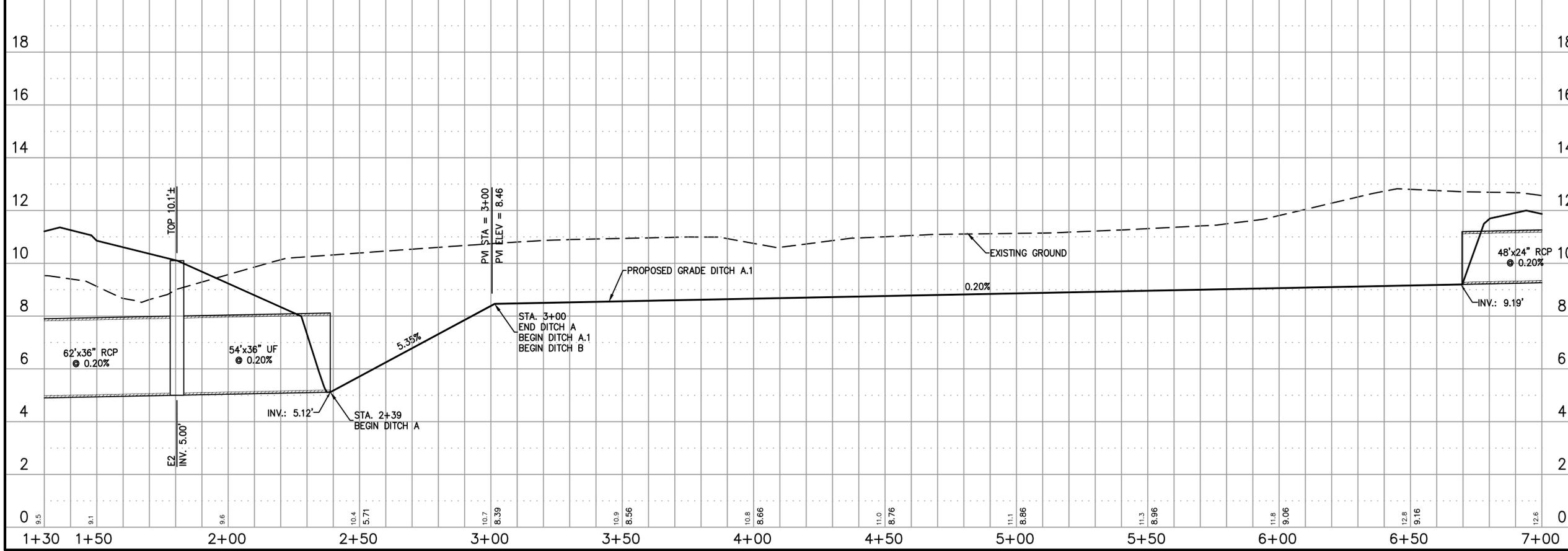
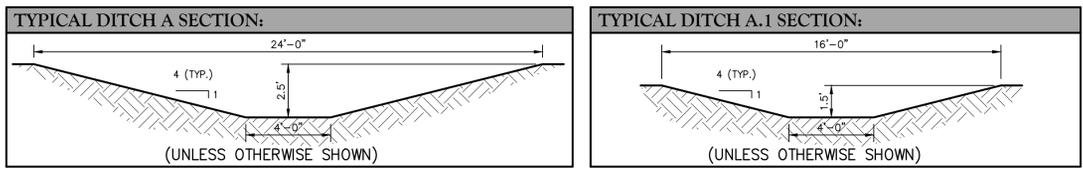
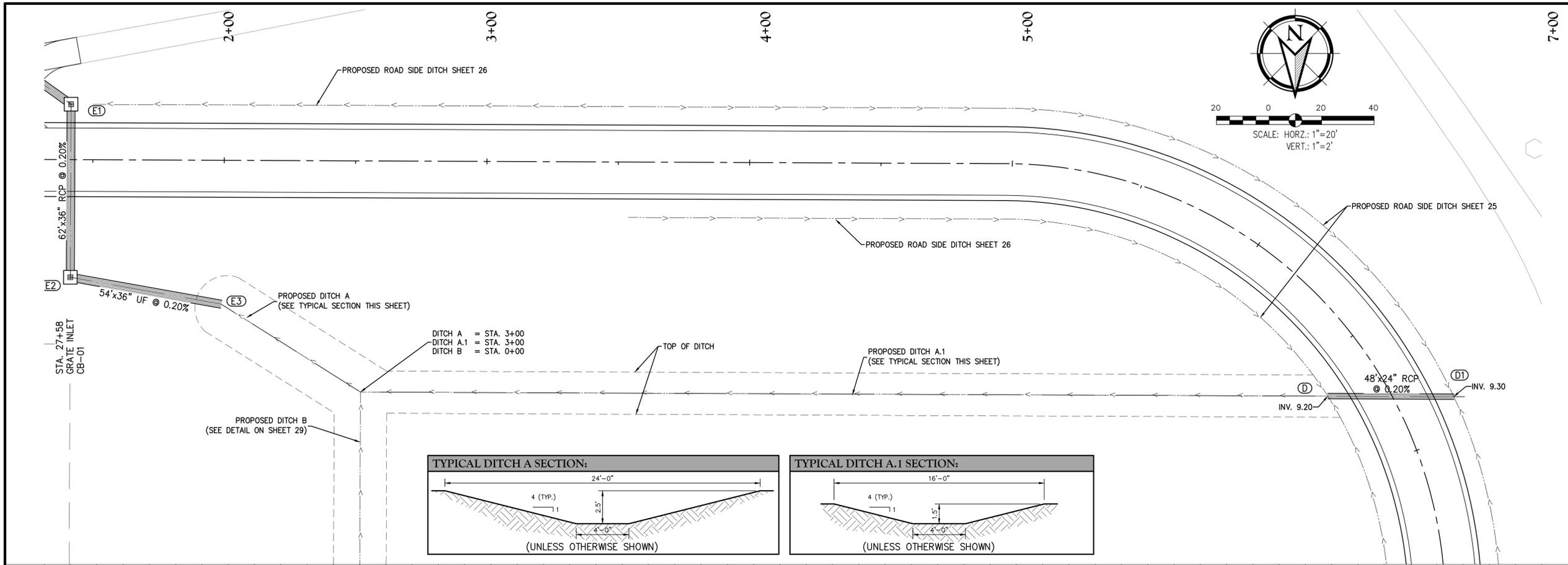
Title: **PLAN & PROFILE**  
**SOCCER COMPLEX ROAD**  
 STA. 30+00 TO STA. 33+96.26

Description: LOCATION: SECTION 4, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA  
 DWG Path: P:\14-001-Lamar Dixon Soccer Complex Drawings\Engineering\Plans\Current\Combined\Site\14-001-01\_Plan & Profile.dwg

**QUALITY**  
 Engineering & Surveying, LLC  
 18350 Hwy. 42, Port Vincent, LA 70726  
 TEL. 225-698-1600 FAX 225-698-3367  
 www.QESLA.com

Stamps:  
  
 42616

Date:	APRIL 2016
Project No.:	2015.0001
Recreation No.:	REC-13-001
Engineering No.:	14-007
Drawn By:	RMB
Sheets:	27 OF 32



Date:	APRIL 2016
Project No.:	2015.0001
Recreation No.:	REC-13-001
Engineering No.:	14-007
Drawn By:	RMB
Sheet:	28 OF 32



5+00

6+00

7+00

See Sheet No. 29

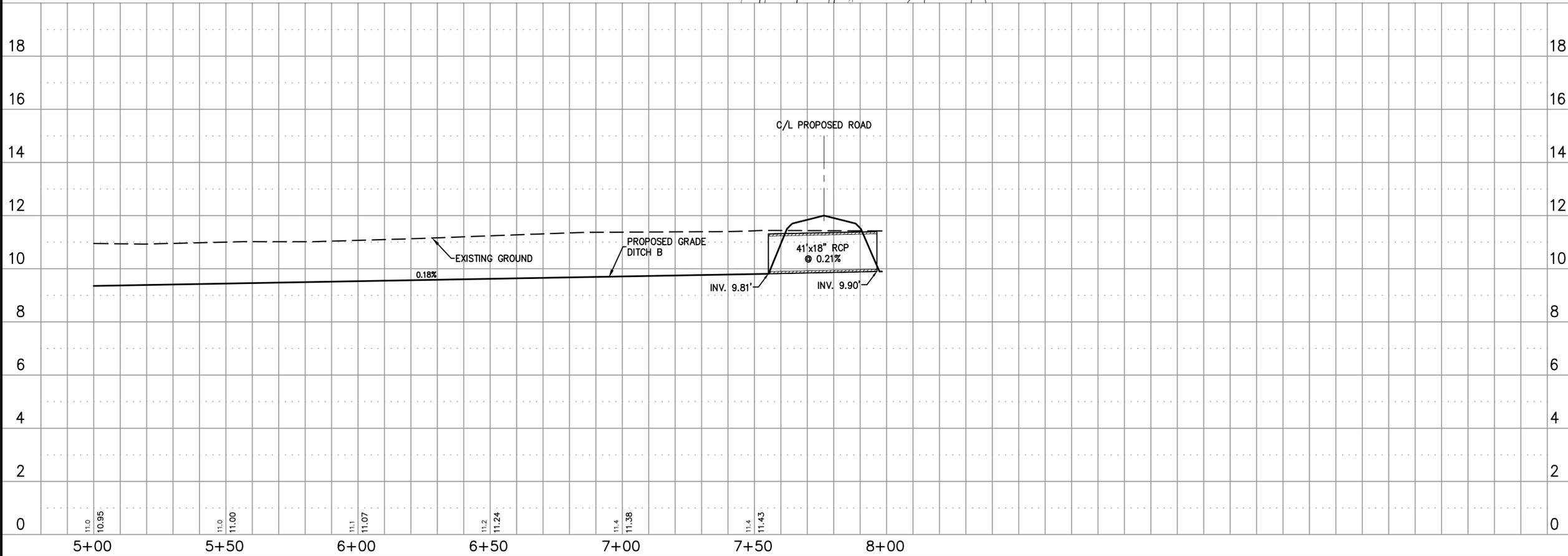
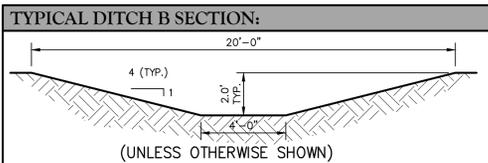
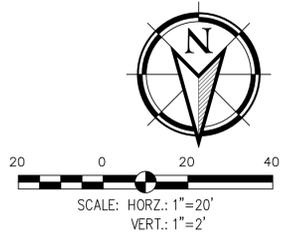
PROPOSED DITCH B  
(SEE TYPICAL SECTION THIS SHEET)

PROPOSED ROADSIDE DITCH  
SEE SHEET 24

41"x18" RCP  
@ 0.21%

PROPOSED ROADSIDE DITCH  
SEE SHEET 24

EXISTING TREE LINE  
(TO REMAIN)



Client: ASCENSION PARISH  
4807 CHURCHPOINT ROAD  
GONZALES, LA 70737

Title: DITCH B PLAN & PROFILE  
CURRENT CONSTRUCTION PLANS  
STA. 9+50 TO STA. 15+00

Project: LAMAR DIXON  
SOCCER COMPLEX  
9305 SSET LANDRY AVE  
GONZALES, LA 70737

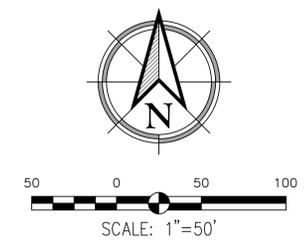
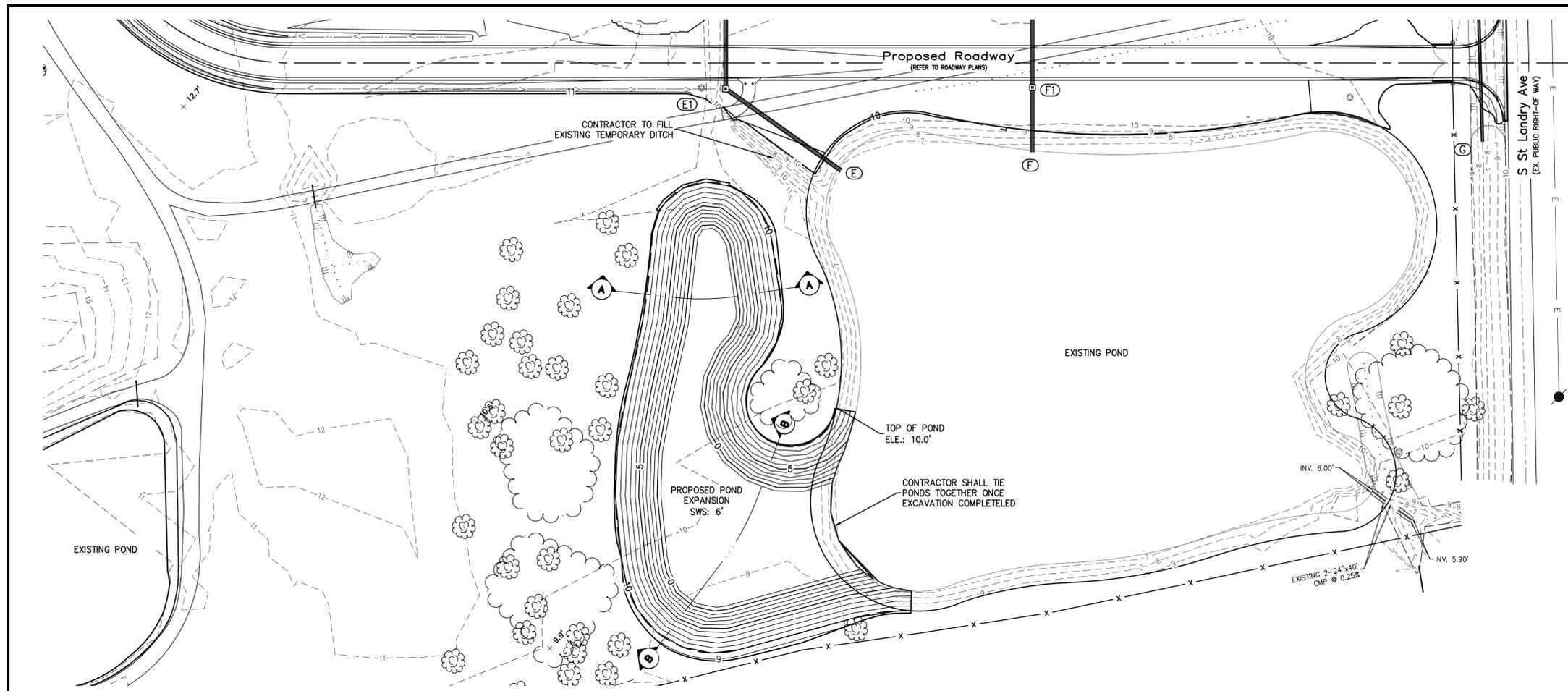
Location: SECTION 4, TOWNSHIP 2 EAST RANGE 10,  
SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER,  
ASCENSION PARISH, LOUISIANA

Description:  
DWG Path: P:\V-007-01 Lamar Dixon Soccer Complex\Drawings\Engineering\Drawings\Combined\Set\14-007-01\_001.DWG

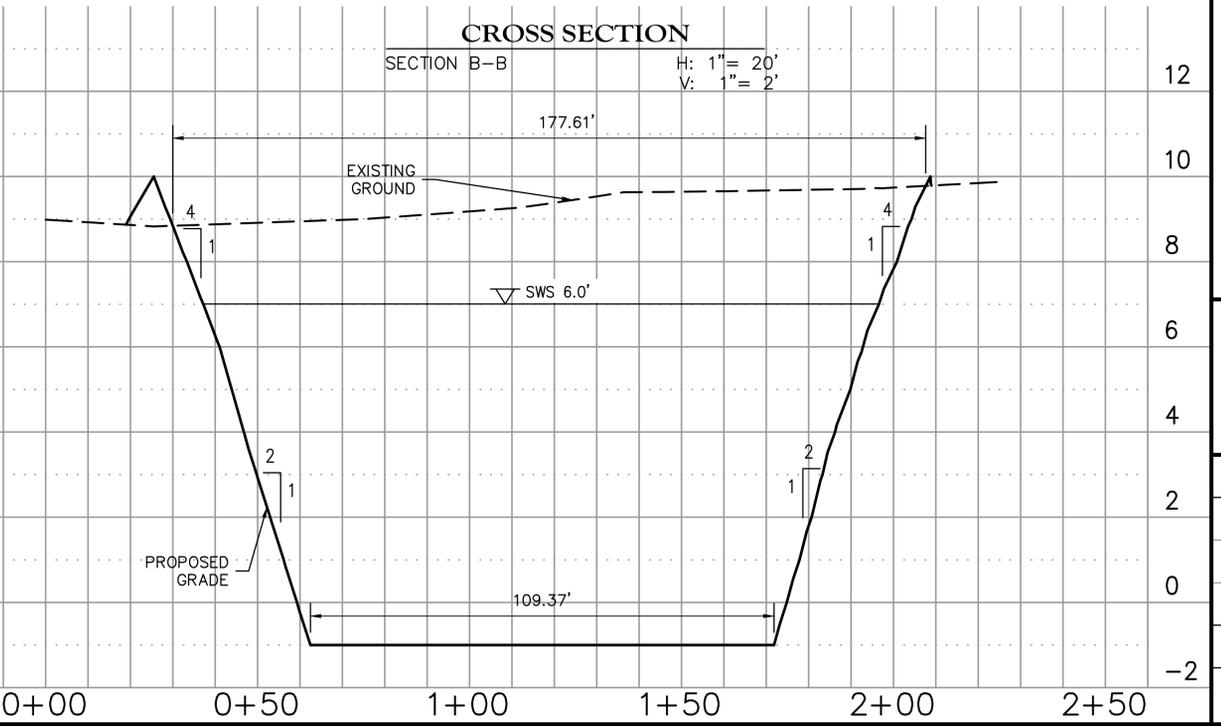
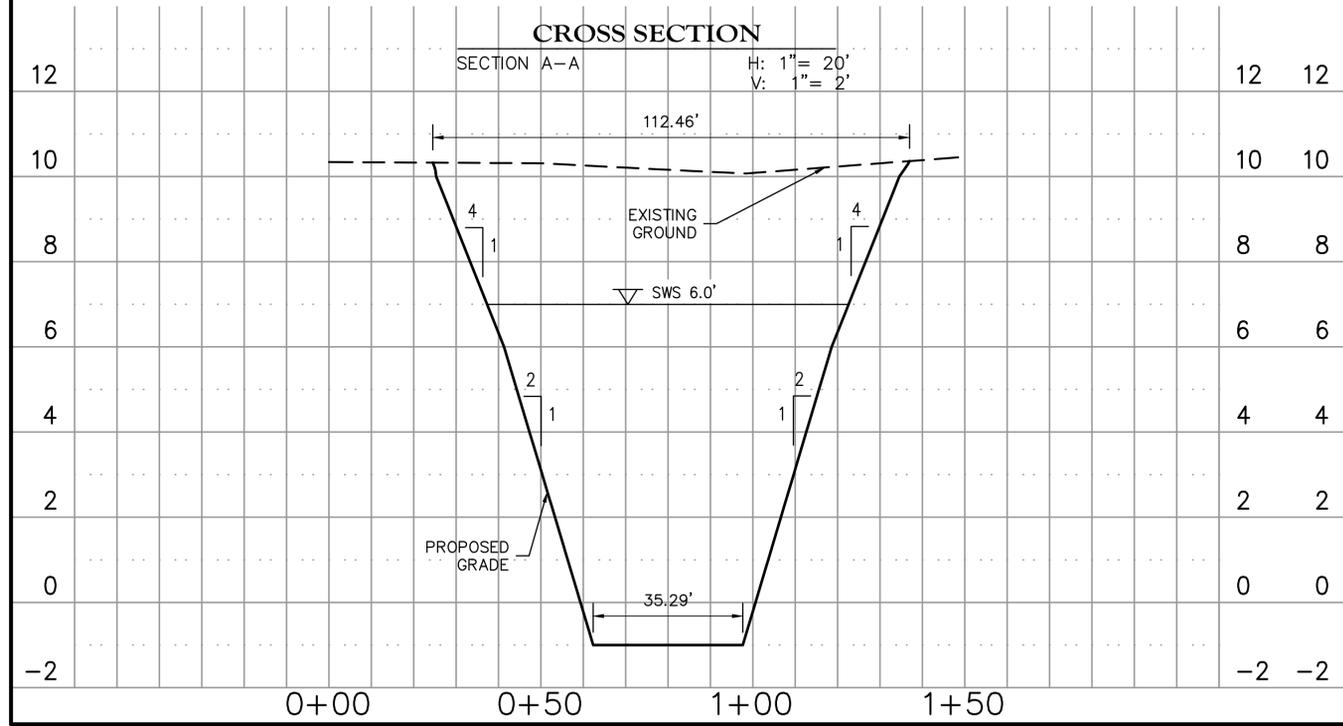
**QUALITY**  
Engineering & Surveying, LLC  
18350 Hwy 42 Port Vincent, LA 70726  
TEL 225-698-1600 FAX 225-698-3367  
www.QESLA.com

Stamps:  
Professional Engineer in Civil Engineering  
42616

Date: APRIL 2016  
Project No.: 2015.0001  
Recreation No.: REC-13-001  
Engineering No.: 14-007  
Drawn By: RMB  
Sheet: 30 OF 32



LEGEND	
— X —	EXISTING FENCE
- - -	EXISTING CONTOURS
- - -	PROPOSED CONTOURS
- - -	8" PERFORATED COLLECTOR PIPE
⊙	PROPOSED YARD DRAIN
⊛	EXISTING SOCCER FIELD LIGHTING
10.25	FINISHED GRADE ELEVATION
9.75	SUBGRADE ELEVATION



Client: **ASCENSION PARISH**  
 4807 CHURCHPOINT ROAD  
 GONZALES, LA 70737

Project: **LAMAR DIXON SOCCER COMPLEX**  
 9435 ST. LANDRY AVE  
 GONZALES, LA 70737

Title: **POND SECTIONS**

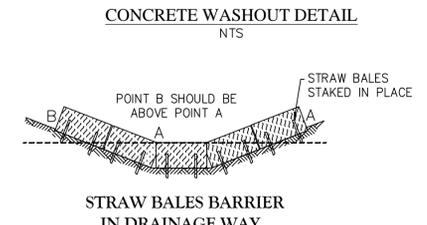
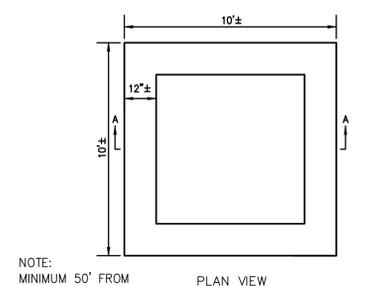
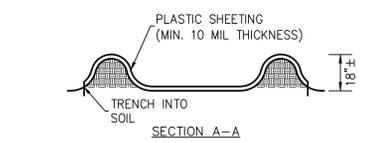
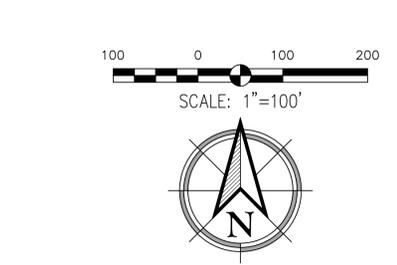
Location: **SECTION 4, TOWNSHIP 2 EAST, RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA**

DAWG Paths: P:\14-007-01 Lamar Dixon Soccer Complex Drawings\Engineering\Plans\Current\Combined\_Sect\14-007-01\_37\_POND\_SECTIONS.dwg

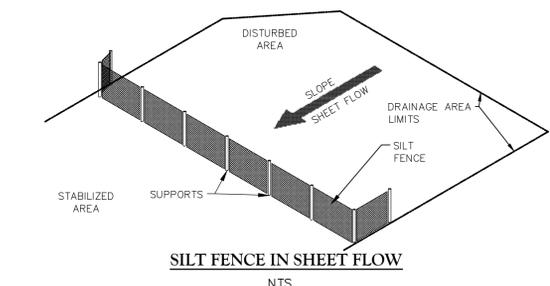
**QUALITY**  
 Engineering & Surveying, LLC  
 18350 Hwy 42, Port Vincent, LA 70726  
 TEL 225-698-1600 FAX 225-698-3367  
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Stamps:

Date:	APRIL 2016
Project No.:	2015.0001
Recreation No.:	REC-13-001
Engineering No.:	14-007007
Drawn By:	RMB
Sheets:	31 OF 32



**12'x50' STABILIZED CONSTRUCTION ENTRANCE**  
 THIS SHALL BE BUILT AS PER LADOTD EC-01 (OR BR CPS 903-02). THE ENTRANCE/EXIT SHALL BE MAINTAINED IN A CONDITION WHICH PREVENTS TRACKING OR FLOWING OF SEDIMENTS ONTO PUBLIC RIGHT-OF-WAY. ALL SEDIMENTS SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY. ALL CONSTRUCTION VEHICLES SHALL EXIT THIS SITE USING THE CONSTRUCTION ENTRANCE/EXIT SHOWN.



**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.

**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 THEM. INSTALLED WITH A MINIMUM ABOVE GROUND LENGTH OF 3 FT. AND INSTALLED TO A MINIMUM 1 FT. DEPTH.
- 3.) STAKES FOR FILTER BARRIERS SHALL BE 1" X 2" WOOD (PREFERRED) OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
- 4.) WIRE FENCE REINFORCEMENT FOR SILT FENCES USING STANDARD STRENGTH FILTER CLOTH SHALL BE A MINIMUM OF 42 INCHES IN HEIGHT, A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6 INCHES.

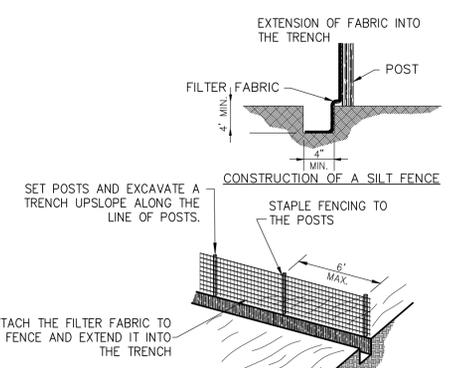
**STRAW BALE DIKE CONSTRUCTION SPECIFICATIONS**

**CHANNEL FLOW APPLICATIONS**

- 1.) BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE, ORIENTED PERPENDICULAR TO THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.
- 2.) THE BARRIER SHALL BE EXTENDED TO SUCH A LENGTH THAT THE BOTTOMS OF THE END BALES ARE HIGHER IN ELEVATION THAN THE TOP OF THE LOWEST MIDDLE BALE TO ASSURE THAT SEDIMENT-LADEN RUNOFF WILL FLOW EITHER THROUGH OR OVER THE BARRIER BUT NOT AROUND IT.

**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.



**DETAILS OF PLACING SILT FENCE**

**LEGEND:**

	PROJECT LIMIT
	STAGING AREA
	FLOW ARROW
	REQ'D SILT FENCE
	CHECK DAM
	EXISTING CONTOUR
	PROPOSED CONTOUR AREA TO BE SEEDED (8 AC. MAX.)

**UTILITY REMOVAL AND RELOCATION:**

CONTRACTOR SHALL COORDINATE ALL RELOCATION OR REMOVAL OF ALL UTILITIES WITH LOCAL UTILITY COMPANIES.

Client: **ASCENSION PARISH**  
 4807 CHURCHPOINT ROAD GONZALES, LA 70737

Project: **LAMAR DIXON SOCCER COMPLEX**  
 9439 S. ST. LAMARY AVE GONZALES, LA 70737

Title: **EROSION AND SEDIMENTATION CONTROL PLAN**

Description: **LOCATED IN SECTION 4, TOWNSHIP 2 EAST RANGE 10, SOUTHEASTERN LAND DISTRICT EAST OF THE MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA**

DWG Draft: P:\14-007-01 Lamar Dixon Soccer Complex Drawings\Engineering\Plans\Current\Combined\Sub14-007-01\_33\_EROSION.dwg

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 18350 Hwy 42, Port Vincent, LA 70726  
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Project No.:	2015.0001
Recreation No.:	REC-13-001
Engineering No.:	14-007
Drawn By:	RMB
Sheet:	32 OF 32

**LA One Call**  
 1-800-272-3020