# BUTCH GORE MEMORIAL PARK

# RENOVATIONS AND IMPROVEMENTS ASCENSION PARISH, LA

100% BID DOCUMENTS AUGUST 10, 2023

CLIENT



# PARISH OF ASCENSION GOVERNMENT

CLINT COINTMENT

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MICHAEL KING, CPRP, CPSI RACHAEL FARRAR DIRECTOR OF RECREATION PROJECT MANAGER



VICINITY MAP

# PARISH OF ASCENSION GOVERNMENT

615 E WORTHEY ST. GONZALES, LA

# SHEET NO.: DESCRIPTION TITLE SHEET GENERAL PROJECT NOTES & DETAILS **EXISTING CONDITIONS & DEMOLITION PLAN** OVERALL SITE PLAN GEOMETRIC LAYOUT PLAN GEOMETRIC LAYOUT PLAN GRADING AND PAVING LAYOUT PLAN DRAINAGE LAYOUT PLAN UTILITY LAYOUT PLAN **EROSION AND SEDIMENTATION CONTROL PLAN** TURF GRAPHIC LAYOUT PLAN **DETAILS DETAILS DETAILS RESTROOM DETAILS** LANDSCAPE PLANTING LAYOUT PLAN IRRIGATION LAYOUT PLAN IRRIGATION PLAN ENLARGEMENT **IRRIGATION DETAILS IRRIGATION DETAILS**

# UTILITY NOTE:

INDEX TO SHEETS:

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



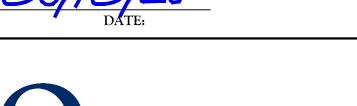
BY LAW, ANYONE PLANNING MECHANIZED DIGGING OR EXCAVATION WORK II LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OF 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT WWW.LOUISIANA811.COM AT LEAST TWO FULL BUSINESS DAYS PRIOR TO THE PROJECT'S START DATE







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| Project No.: | 23-055 | Date: AUGUST 10, 20 | )23 |
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| Checked By:  | MLP    | Drawn By:           | TT  |

BUTCH GORE PARK RENOVAT

## PROJECT GENERAL NOTES AND DEFINITIONS:

THE PROPOSED PROJECT INCLUDES THE DEMOLITION AND REPLACEMENT OF THE 4 EASTERN MOST EXISTING SOFTBALL INFIELDS, BACKSTOPS, AND SURROUNDING PAVING. THE PROJECT ALSO INCLUDES ALL ASSOCIATED EARTHWORK AND SUBSURFACE DRAINAGE, INCLUDING A SUBSURFACE COLLECTOR SYSTEM BENEATH THE INFIELDS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SECURING ALL REQUIRED PERMITS FROM ANY GOVERNING BODIES AND AGENCIES NEEDED FOR CONSTRUCTION.

THE PROJECT SITE INCLUDES SEVERAL EXISTING UTILITIES, OVERHEAD AND UNDERGROUND, WHICH WILL REQUIRE ATTENTION DURING THE WORK. ALL UTILITIES WILL REQUIRE LOCATION BY THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR MUST CONTACT LOUISIANA ONE CALL (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UTILITIES FIELD LOCATED. IF ANY UNFORESEEN UTILITY LINE, ETC., IS OBSTRUCTING SCOPE OF WORK, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY.

THE UTILITIES INDICATED ON THE DRAWINGS WILL REQUIRE ACCURATE LOCATION BY THE CONTRACTOR PRIOR TO BEGINNING WORK. CLOSE MONITORING OF EXCAVATION AND EMBANKMENT ACTIVITIES AROUND THESE UTILITIES WILL ALSO BE REQUIRED BY THE CONTRACTOR DURING CONSTRUCTION.

THE CONTRACTOR SHALL MAINTAIN PROPER CLEARANCES FROM ALL OVERHEAD AND UNDERGROUND UTILITIES, AND SHALL CONTACT EACH UTILITY FOR SPECIFIC REQUIREMENTS.

PRIOR TO ALL CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS/HER OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. SHOULD A GRADE DIFFERENCE, UTILITY CONFLICT OR OBSTRUCTION TO CONSTRUCTION OCCUR, THE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT PRIOR TO COMMENCING WORK IN THAT AREA.

CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR REPLACING ANY DAMAGED UTILITIES AT NO ADDITIONAL COST TO THE OWNER.

## THE UTILITY CONTACTS ARE AS FOLLOWS:

ELECTRIC: DEMCO 15095 LA HWY 931 GONZALES, LA

PHONE: AT&T

(225) 693-3626 ATMOS ENERGY

40492 ABBY JAMES RD PRAIRIEVILLE, LA (225) 622-2167

WATER: ASCENSION WATER COMPANY 14169 AIRLINE HWY GONZALES, LA (225) 675-5644

(800) 288-2747

SEWER: PRIVATE TREATMENT PLANT

ALL SPECIFIED CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.

ANY DISCREPANCIES BETWEEN ACTUAL SITE CONDITIONS AND THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IN A TIMELY MANNER TO NOT ADVERSELY AFFECT PROGRESS OF WORK.

STAGING FOR MATERIALS AND EQUIPMENT SHALL BE COORDINATED WITH OWNER. CONTRACTOR SHALL BE REQUIRED TO KEEP STREETS FREE OF MUD AND DIRT AT ALL TIMES.

EQUIPMENT SHALL NOT BE ORDERED OR INSTALLED UNTIL IT IS APPROVED BY LANDSCAPE ARCHITECT. EQUIPMENT LOCATIONS MAY BE ADJUSTED ONLY WITH PERMISSION OF LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL FURNISH AS-BUILT DRAWINGS WHICH SHOW THE FINAL INSTALLED LOCATIONS OF ALL EQUIPMENT AND UNDERGROUND PIPES/CONDUITS.

ALL CONSTRUCTION TO COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.

CONTRACTOR SHALL BE FAMILIAR WITH ACTUAL SITE CONDITIONS BEFORE PROCEEDING WITH WORK.

CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION AND DEMOLITION DEBRIS FROM SITE IN ACCORDANCE WITH ALL APPLICABLE STATE, FEDERAL AND LOCAL REGULATIONS. NO CONSTRUCTION DEBRIS IS TO BE BURIED OR DEPOSITED ON SITE.

LAYOUT, GEOMETRY & DIMENSIONS OF ALL PROPOSED PAVING MAY REQUIRE ADJUSTMENTS IN THE FIELD, FINAL STAKING OF ALL PROPOSED WALKS AND PAVING AREAS MUST BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLACING CONCRETE PAVING MATERIAL. LAYOUT OF FORMWORK SHOULD BE DONE IN A MANNER THAT RESULTS IN SMOOTH TANGENTS AND RADII AS INDICATED ON THE LAYOUT PLAN. ERRATIC FORMWORK WILL BE REJECTED.

CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL EXISTING GRADES DAMAGED DURING CONSTRUCTION. IN ORDER TO PROVIDE POSITIVE DRAINAGE.

## PROJECT SEQUENCE

THESE DOCUMENTS DO NOT DESCRIBE THE MEANS, METHODS AND PROCEDURES FOR ACCOMPLISHING THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR SETTING THESE GUIDELINES TO SUCCESSFULLY COMPLETE THE PROJECT IN THE TIME PROVIDED. BASIC ELEMENTS OF THE PROJECT INVOLVE SEQUENCING IN ORDER FOR THE CONSTRUCTION TO PROCEED IN AN ORDERLY MANNER.

### PROJECT COMPONENTS

EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO CONSTRUCTION AS INDICATED ON PLANS. CONTRACTOR SHALL PROVIDE SILT FENCING AS DIRECTED BY THE LANDSCAPE ARCHITECT TO PREVENT ANY SEDIMENT OR POLLUTION FROM WASHING INTO EXISTING CATCH BASINS, CURB INLETS AND DRAINAGE CANALS WITHIN THE AREAS OF THE PROJECT THAT WILL RECEIVE EARTH MOVING AND GRADING OPERATIONS. SILT FENCING SHALL BE PROVIDED AND INSTALLED AS PER PLANS AND SPECIFICATIONS.

EARTHWORK - EXCAVATION AND EMBANKMENT FOR FIELD, OPEN SPACES, AND DRAINAGE AS SHOWN ON THE PLANS AND

BACKFILL AGAINST NEW SIDEWALK EDGES, TYPICALLY HOLDING BACKFILL APPROXIMATELY 1 1/2" TO 2" BELOW TOP OF SIDEWALK (IN AREAS TO RECEIVE SOD) AS TO AVOID HOLDING WATER ON PAVEMENT. FILL SHOULD BE GRADED TO ELIMINATE LARGE CLODS OF DIRT.

ALL MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS.

ALL SIDEWALKS SHALL BE A MINIMUM OF 4" THICK, 3500 PSI, REINFORCED WITH 6"x6" W 2.1 W.W.F. - CONCRETE SHALL BE LIGHTLY BROOM FINISHED PERPENDICULAR TO DIRECTION OF WALK.

ALL SIDEWALKS SHALL MAINTAIN A MINIMUM OF 1:100 AND MAXIMUM OF 1:50 CROSS SLOPE. ALL SIDEWALK CROSS SLOPES MUST SLOPE TOWARDS EXISTING AND OR NEW CATCH BASINS AND OR TOWARDS THE SIDE THAT IS NEARER A LOWER CONTOUR. SIDEWALKS CROSS SLOPED INTO CONTOUR'S ON THE HIGH SIDE CAUSING WATER TO BE TRAPPED WILL NOT BE

CONTRACTOR SHALL MAKE SMOOTH, FLUSH TRANSITION BETWEEN ALL EXISTING AND PROPOSED PAVEMENTS.

CONTRACTOR SHALL PROVIDE EXPANSION JOINTS AT MAXIMUM 60' INTERVALS OR FOR 350 SQ. FT. MAXIMUM AREAS. EXPANSION JOINT SHALL ALSO BE PLACED BETWEEN INTERSECTING PAVING AND ANY FIXED STRUCTURE SUCH AS BUILDINGS AND CURBING. EXPANSION JOINTS TO BE FILLED WITH 1/2" THICK PRE-FORMED EXPANSION MATERIAL AND EXTEND THE FULL WIDTH AND DEPTH OF THE PAVING WITH THE TOP 3/4" RECESSED BELOW FINISH GRADE. TOP 3/4" OF JOINT TO BE SEALED WITH AN APPROVED JOINT ELASTOMERIC SEALANT.

PROVIDE 1" DIAMETER SMOOTH PLASTIC-COATED STEEL DOWELS @ 12" O.C. AT ALL SIDEWALK EXPANSION JOINT LOCATIONS. DOWEL BARS SHALL BE SLEEVED ON ONE SIDE. DOWELS SHALL BE SPACED SO THAT IT IS NOT MORE THAN 6" FROM THE EDGE OF CONCRETE.

CONTRACTOR SHALL PROVIDE WEAKENED PLANE JOINTS BY A JOINTING TOOL OR OTHER ACCEPTABLE MEANS. THE JOINT SHALL EXTEND INTO CONCRETE A LEAST 1/4 OF THE PAVEMENT DEPTH.

CONTRACTOR IS RESPONSIBLE FOR SECURITY OF FRESHLY POURED CONCRETE UNTIL CONCRETE HARDENS. PROTECT CONCRETE FROM VANDALISM AND ADVERSE WEATHER CONDITIONS.

SHOP DRAWINGS FOR ALL REQUIRED ITEMS SHALL BE PROVIDED BY THE CONTRACTOR FOR APPROVAL, IN DETAIL SUFFICIENT TO FABRICATE & INSTALL ALL MEMBERS & PIECES NECESSARY FOR COMPLETION. NO WORK OR INSTALLATION SHALL BE STARTED ON ANY OF THESE ITEMS UNTIL FINAL APPROVAL OF SHOP DRAWINGS HAS BEEN OBTAINED FROM LANDSCAPE ARCHITECT. REVIEW & APPROVAL OF THESE DRAWINGS & OTHER REQUIRED SUBMITTALS WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY UNDER THIS CONTRACT.

## PROTECTION OF EXCAVATIONS

ALL SLOPE SIDES OF EXCAVATIONS AND/OR TRENCHES FOR INSTALLING CONDUIT SHALL COMPLY WITH OSHA REGULATIONS AND ANY APPLICABLE LOCAL CODES AND ORDINANCES. SHORE AND BRACE WHERE SLOPING IS NOT POSSIBLE BECAUSE OF SPACE RESTRICTIONS OR STABILITY OF MATERIAL EXCAVATED. MAINTAIN SIDES AND SLOPES OF EXCAVATIONS IN A SAFE CONDITION UNTIL COMPLETION OF BACKFILLING.

UNDERGROUND CONDUITS SHALL BE HAND PLACED INSIDE THE TRENCH, AND THE TRENCH BACKFILLED THE SAME DAY TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT. TRENCH SHALL BE PACKED IN 6" LIFTS TO ENSURE COMPACTION & REDUCE SETTLING.

WHEREVER LAWN IS DISTURBED, KILLED OR LEFT IN AN UNHEALTHY CONDITION AS DETERMINED BY THE LANDSCAPE ARCHITECT, IT IS TO BE RE-SODDED BY THE CONTRACTOR WITH CENTIPEDE SOD AS DIRECTED BY LANDSCAPE ARCHITECT. REFER TO THE SPECIFICATIONS FOR INSTALLATION REQUIREMENTS.

## DEMOLITION GENERAL NOTES:

- CONTRACTOR SHALL COORDINATE AND BE IN COMPLIANCE WITH ALL STATE 7. AND LOCAL MUNICIPALITIES AS WARRANTED.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND/OR OBTAINING ALL REQUIRED PERMITS AND APPROVALS PRIOR TO COMMENCING 8.
- LOCATING AND PROTECTING ALL PUBLIC AND PRIVATE UTILITIES WHICH LIE IN OR ADJACENT TO THE CONSTRUCTION SITE AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING, OR CONSTRUCTION ACTIVITY (CALL LA ONE CALL 1.800.272.3020).
- EXISTING UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO VERIFY THE LOCATION OF ALL UTILITIES. ANY DAMAGE TO UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CORRECT.
- CONTRACTOR TO USE CAUTION WHEN WORKING IN VICINITY OF EXISTING OVERHEAD UTILITY LINES. CONTRACTOR TO INSTALL APPROPRIATE WARNING 11. DEVIATION FROM PLANS AND NOTES WITHOUT THE PRIOR CONSENT OF THE
- ALL DEMOLITION AND CONSTRUCTION TO BE KEPT WITHIN THE BOUNDARIES OF THE SITE OR AS DESIGNATED.

- PROTECT STRUCTURES, UTILITIES, VEGETATION, PAVING AND OTHER 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE FACILITIES TO REMAIN FROM DAMAGE CAUSED BY DEMOLITION AND NEW
- NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICT AND/OR DISCREPANCIES IN 13. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD. DIRT. THE CONSTRUCTION DOCUMENTS, PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR HORIZONTALLY AND VERTICALLY 9. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE OWNER AND LANDSCAPE ARCHITECT ANY UNFORESEEN OR ADVERSE CONDITIONS DISCOVERED DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
  - 10. ANY DISCREPANCIES FOUND BETWEEN OR WITHIN THE DRAWINGS AND EXISTING SITE CONDITIONS SHALL BE IMMEDIATELY REPORTED TO THE LANDSCAPE ARCHITECT, IN WRITING, WHO SHALL PROMPTLY ADDRESS SUCH INCONSISTENCIES OR AMBIGUITIES. WORK DONE WITHOUT CONSULTING WITH THE LANDSCAPE ARCHITECT AFTER THE DISCOVERY OF SUCH 15. CONTRACTOR SHALL SAW CUT PAVEMENT AT ALL LOCATIONS WHERE DISCREPANCIES, INCONSISTENCIES, OR AMBIGUITIES SHALL BE DONE AT THE CONTRACTOR'S RISK.
  - OWNER, HIS/HER REPRESENTATIVE, OR THE LANDSCAPE ARCHITECT MAY BE 16. SURPLUS TOPSOIL MAY BE STOCKPILED ON SITE TO BE USED AS FILL CAUSE FOR WORK TO BE DEEMED UNACCEPTABLE.

- RESULTING FROM CONSTRUCTION ACTIVITY TO EXISTING ELEMENTS THAT ARE TO REMAIN AT NO COST TO THE OWNER.
- GRAVEL AND OTHER MATERIALS TRACKED ONTO ANY PRIVATE OR PUBLIC STREETS OR SIDEWALKS. THE CONTRACTOR MUST CLEAN THESE AS NECESSARY. THE CONTRACTOR MUST USE WATER OR OTHER ACCEPTABLE METHODS TO KEEP AIRBORNE DUST TO A REQUIRED MINIMUM.
- 14. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION AND DEMOLITION DEBRIS IN ACCORDANCE WITH ALL APPLICABLE STATE, FEDERAL AND LOCAL REGULATIONS. NO CONSTRUCTION DEBRIS IS TO BE BURIED OR DEPOSITED ON SITE.
- REQUIRED PAVEMENT REMOVAL MEETS AND IS FLUSH WITH PAVEMENT WHICH IS TO REMAIN, UNLESS OTHERWISE NOTED ON PLANS. REFER TO LAYOUT SHEETS FOR LIMITS OF PROPOSED PAVEMENT.
- MATERIAL, AS NEEDED. COORDINATE LOCATIONS WITH OWNER.
- 17. SILT FENCING SHALL REMAIN FOR DURATION OF PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SILT FENCE AT ALL TIMES.

## TREE PROTECTION NOTES:

- CONTRACTOR TO PROVIDE PROTECTION AND MAINTENANCE PLAN FOR ALL TREES BEFORE AND DURING CONSTRUCTION. (SEE SPECIFICATIONS)
- REPLACEMENT COSTS FOR DAMAGED OR DEAD TREES WILL BE THE CONTRACTOR'S RESPONSIBILITY AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR TO BRING ANY DISCREPANCIES BETWEEN TREE PROTECTION PLAN AND ACTUAL SITE CONDITIONS TO THE ATTENTION OF OWNER IMMEDIATELY SO THAT WITH PROPER RESPONSE TIME, THERE WILL BE NO DELAY IN CONSTRUCTION SCHEDULE...
- CONTRACTOR SHALL NOT ALLOW ANY VEHICULAR TRAFFIC, PARKING OF VEHICLES, OR STOCKPILING OF EXCAVATED MATERIAL OR CONSTRUCTION MATERIALS INSIDE OF TREE PROTECTION FENCING OR THE DRIPLINE OF TREES INDICATED TO BE PRESERVED.
- CONSTRUCTION EQUIPMENT MAY NOT OPERATE WITHIN THE DRIP LINE OF A TREE. IF NECESSARY, WRITTEN PERMISSION AND WRITTEN APPROVAL MUST BE ACQUIRED PRIOR TO WORK BEING PERFORMED. WHEN NECESSARY FOR THE PERFORMANCE OF INDICATED WORK, SUCH OPERATIONS SHALL BE CONDUCTED WITH SPECIAL CARE TO AVOID DAMAGING THE TREE AND UNDER DIRECTION OF THE OWNERS REPRESENTATIVE.
- PROTECT TREE ROOT SYSTEMS FROM DAMAGE DONE BY STRIPPING AND REGRADING. IF ANY EXCAVATION AND GRADING WORK SHALL BE DONE IN AREAS NEAR THE PROTECTED TREE ZONES, IT MUST BE DONE BY HAND TOOLS WHILE WORKING NEAR AND WITHIN TREE DRIPLINES.

- 7. PROTECT TREE ROOT SYSTEMS FROM DAMAGE DUE TO NOXIOUS MATERIALS, SPILLAGE, OR DRAINAGE FROM STORED MATERIALS.
- 8. MAINTAIN TREE PROTECTION FENCING IN GOOD CONDITION AT ALL TIMES. TREE PROTECTION FENCING SHALL BE IN PLACE PRIOR TO BEGINNING ANY WORK AND SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION WORK IS COMPLETE.
- 9. ALL TREE PROTECTION FENCING MUST BE IN PLACE PRIOR TO ANY CLEARING OR SITE WORK. FAILURE TO INSTALL AT APPROPRIATE TIME WILL RESULT DELAY. TREE PROTECTION FENCING SHALL FOLLOW THE SHAPE OF TREE'S DRIPLINE.
- 10.FENCING AND POSTS MUST AT ALL TIMES BE KEPT A MINIMUM OF 15'-0" FROM TREE TRUNKS. FENCING INSTALLED PAST DRIP LINE MUST BE FAR ENOUGH TO PROTECT LIMBS FROM TRUCKS AND MOVING OBJECTS.
- 11.LANDSCAPE ARCHITECT SHALL PROVIDE WRITTEN PERMISSION FOR ANY INCURSIONS INTO TREE PROTECTION AREAS.
- 12. CONTRACTOR RESPONSIBLE FOR MINIMAL PRUNING AND TRIMMING OF THE EXISTING TREES ON SITE, UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT, ONCE CONSTRUCTION IS COMPLETE.

# DRIPLINE CRITICAL ROOT ZONE (CRZ) (1.5 x DBH OF TREE) **PROTECTIVE** TREE PROTECTION FENCE AT CRZ 10'-0" MAXIMUM DRIPLINE (VARIES) FENCE LOCATION (LIMITS OF CRITICAL ROOT ZONE) 1" DBH = 1.5' RADIUS OF THE

TREE PROTECTION ZONE PLAN VIEW

> 10' MAXIMUM PROTECTIVE **FENCING** | |----| | |----| | |---

TREE PROTECTION ZONE

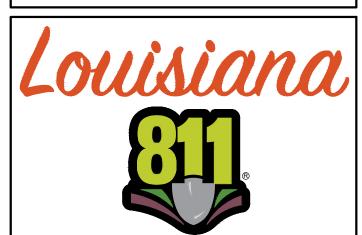
**ELEVATION VIEW** 

TREE PROTECTION ZONE POST AND FENCE DETAIL

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

# **UTILITY NOTE:**

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

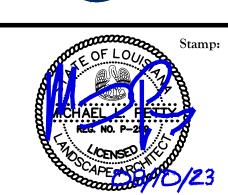


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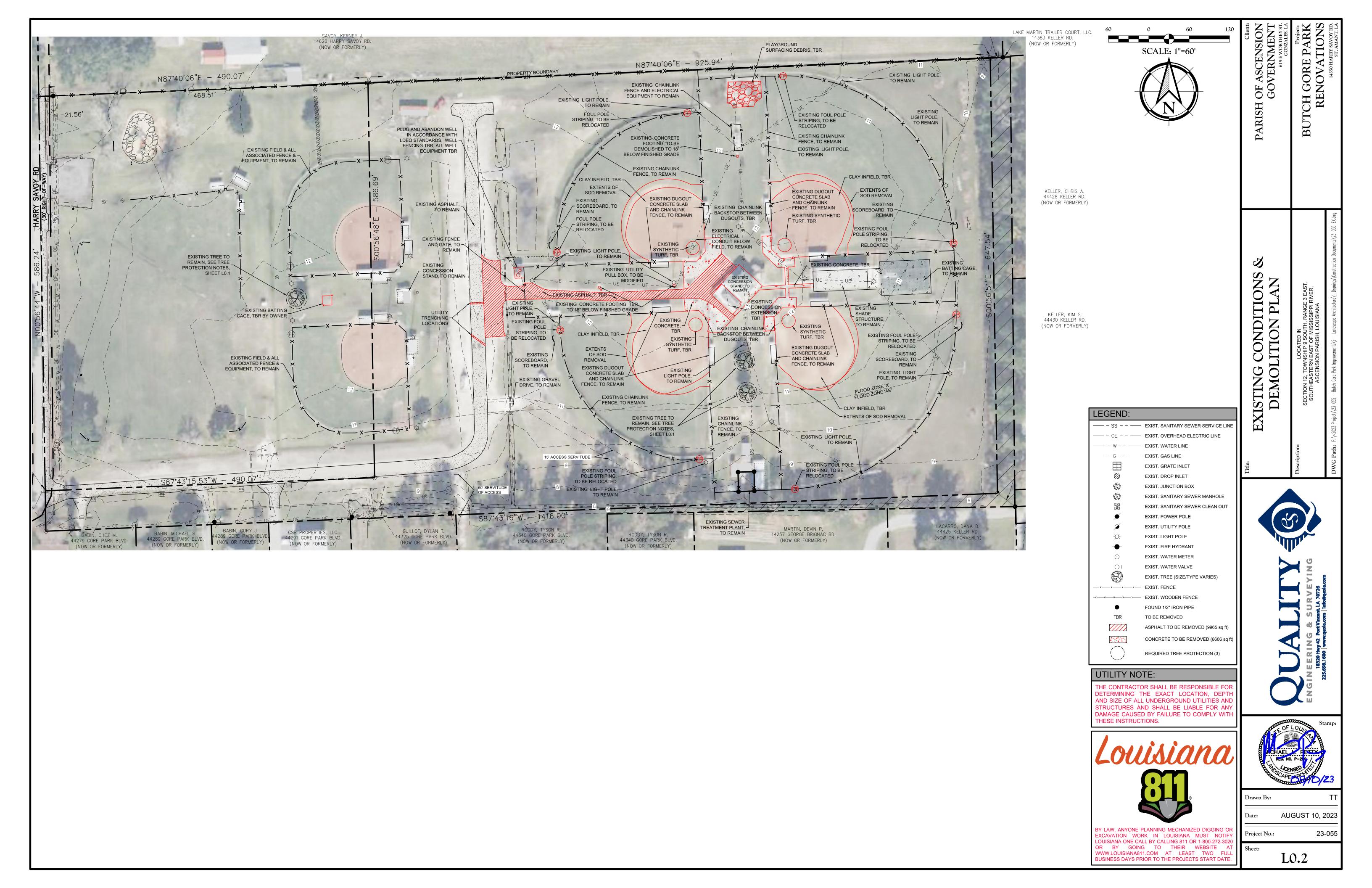
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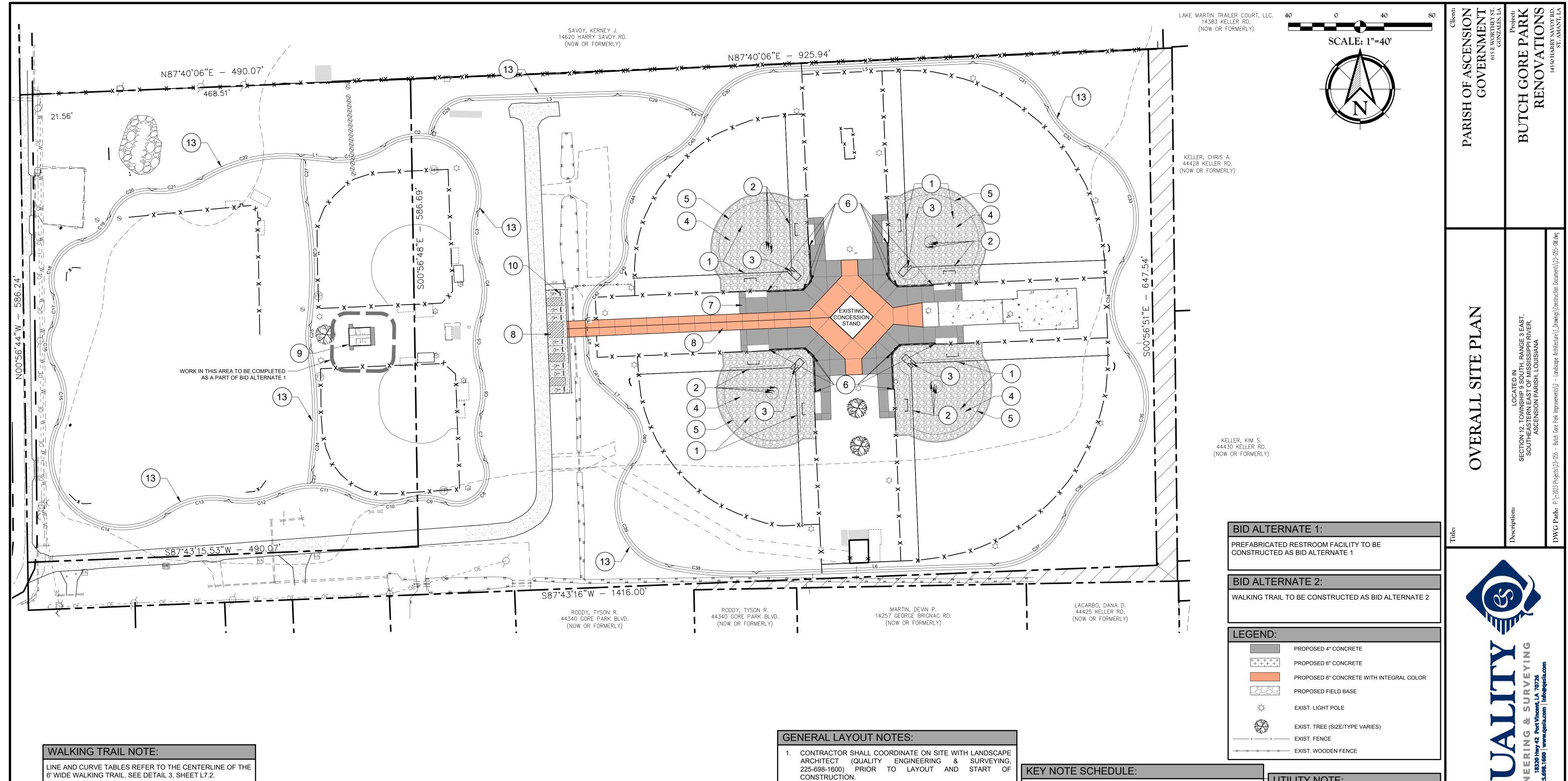
Drawn By:

# **BID ALTERNATES:**

THIS PROJECT INCLUDES THREE (3) BID ALTERNATES, AS DESCRIBED BELOW:

- BID ALTERNATE 1: PREFABRICATED RESTROOM FACILITY AND ALL SITE WORK AND UTILITIES RELATED TO THE RESTROOM FACILITY.
- . BID ALTERNATE 2: WALKING PATH AND ALL SITE WORK RELATED TO THE WALKING PATH
- . BID ALTERNATE 3: PORTIONS OF THE IRRIGATION DESIGN AS SHOWN ON IRRIGATION SHEETS.





| LIN  | E TABL  | Ε           | CUR\  | /E TABI | LE      |         |         |            | CUR   | ∕E TABI | LE      |         |         |            | CURVE TABLE |         |         |         |         |            |
|------|---------|-------------|-------|---------|---------|---------|---------|------------|-------|---------|---------|---------|---------|------------|-------------|---------|---------|---------|---------|------------|
| LINE | LENGTH  | BEARING     | CURVE | LENGTH  | RADIUS  | TANGENT | CHORD   | DELTA      | CURVE | LENGTH  | RADIUS  | TANGENT | CHORD   | DELTA      | CURVE       | LENGTH  | RADIUS  | TANGENT | CHORD   | DELTA      |
| L1   | 39.97'  | S84°25'26"E | C1    | 69.65'  | 100.00' | 36.31'  | 68.25'  | 039°54'26" | C16   | 51.26'  | 50.00'  | 28.14'  | 49.05'  | 058°44'34" | C31         | 117.14' | 100.00' | 66.34'  | 110.56' | 067°07'06" |
| L2   | 5.09'   | S10°53'16"W | C2    | 183.08' | 75.00'  | 205.30' | 140.89' | 139°51'48" | C17   | 41.61'  | 50.00'  | 22.09'  | 40.42'  | 047°40'47" | C32         | 71.61'  | 100.00' | 37.42'  | 70.09'  | 041°01'48" |
| L3   | 185.86' | S88°10'22"W | С3    | 64.27'  | 100.00' | 33.29'  | 63.17'  | 036°49'20" | C18   | 85.87'  | 50.00'  | 57.92'  | 75.70'  | 098°23'45" | C33         | 172.07' | 100.00' | 116.24' | 151.62' | 098°35'25" |
| L4   | 16.87'  | N64°46'19"W | C4    | 70.94'  | 100.00' | 37.03'  | 69.46'  | 040°38'36" | C19   | 49.03'  | 50.00'  | 26.69'  | 47.09'  | 056°11'10" | C34         | 123.44' | 100.00' | 70.97'  | 115.75' | 070°43'26" |
| L5   | 250.18' | S87°33'05"W | C5    | 64.37'  | 100.00' | 33.34'  | 63.26'  | 036°52'45" | C20   | 65.37'  | 50.00'  | 38.30'  | 60.81'  | 074°54'10" | C35         | 176.47' | 100.00' | 121.55' | 154.45' | 101°06'38" |
| L6   | 298.42' | N88°04'17"E | C6    | 58.89'  | 100.00' | 30.32'  | 58.04'  | 033°44'21" | C21   | 65.08'  | 100.00' | 33.74'  | 63.94'  | 037°17'24" | C36         | 71.60'  | 100.00' | 37.41'  | 70.08'  | 041°01'16" |
| L7   | 46.87'  | S48°14'05"E | C7    | 59.31'  | 80.00'  | 31.09'  | 57.96'  | 042°28'32" | C22   | 129.70' | 200.00' | 67.22'  | 127.44' | 037°09'22" | C37         | 116.02' | 100.00' | 65.53'  | 109.62' | 066°28'33" |
| L8   | 23.97'  | S02°28'11"E | C8    | 91.01'  | 38.00'  | 97.04'  | 70.77'  | 137°13'42" | C23   | 17.36'  | 200.00' | 8.68'   | 17.35'  | 004°58'20" | C38         | 109.92' | 500.00' | 55.18'  | 109.70' | 012°35'46" |
| L9   | 2.32'   | S02°28'11"E | C9    | 48.26'  | 75.00'  | 25.00'  | 47.43'  | 036°52'06" | C24   | 152.27' | 500.00' | 76.73'  | 151.68' | 017°26'57" | C39         | 166.25' | 80.00'  | 136.00' | 137.91' | 119°04'03" |
|      |         |             | C10   | 75.24'  | 100.00' | 39.50'  | 73.48'  | 043°06'42" | C25   | 29.77'  | 100.00' | 14.99'  | 29.66'  | 017°03'17" | C40         | 76.77'  | 50.00'  | 48.26'  | 69.45'  | 087°58'11" |
|      |         |             | C11   | 91.85'  | 100.00' | 49.45'  | 88.65'  | 052°37'31" | C26   | 154.95' | 500.00' | 78.10'  | 154.33' | 017°45'20" | C41         | 39.94'  | 50.00'  | 21.10'  | 38.88'  | 045°45'55" |
|      |         |             | C12   | 64.44'  | 100.00' | 33.38'  | 63.33'  | 036°55'12" | C27   | 53.79'  | 200.00' | 27.06'  | 53.63'  | 015°24'37" | C42         | 55.04'  | 50.00'  | 30.68'  | 52.30'  | 063°04'18" |
|      |         |             | C13   | 83.79'  | 100.00' | 44.53'  | 81.36'  | 048°00'28" | C28   | 67.44'  | 50.00'  | 39.98'  | 62.45'  | 077°17'06" | C43         | 61.37'  | 50.00'  | 35.22'  | 57.59'  | 070°19'37" |
|      |         |             | C14   | 239.66' | 90.00'  | 368.85' | 174.87' | 152°34'30" | C29   | 94.44'  | 200.00' | 48.12'  | 93.57'  | 027°03'19" | C44         | 126.65' | 100.00' | 73.41'  | 118.36' | 072°34'00" |
|      |         |             | C15   | 76.62'  | 75.00'  | 42.03'  | 73.34'  | 058°32'13" | C30   | 111.40' | 100.00' | 62.28'  | 105.73' | 063°49'46" | C45         | 68.28'  | 100.00' | 35.53'  | 66.96'  | 039°07'11" |

- 2. ALL RADII SHALL BE FORMED AS SMOOTH CIRCULAR ARCS WITH NO KINKS, FACETS OR TANGENTS.
- 3. CONTRACTOR TO FIELD STAKE LOCATIONS OF PAVEMENT AND SITE AMENITIES FOR APPROVAL BY LANDSCAPE ARCHITECT AND OWNER PRIOR TO START OF CONSTRUCTION.
- 4. CONTRACTOR SHALL SEEK LAYOUT APPROVAL PRIOR TO INSTALLATION. IF FEATURES ARE LOCATED OR BUILT INCORRECTLY, THE CONTRACTOR SHALL REDO WORK AT NO COST TO THE OWNER OR LANDSCAPE ARCHITECT.
- 5. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
- 6. THE CONTRACTOR SHALL ESTABLISH PERMANENT CONSTRUCTION BENCHMARKS. MAINTAIN ALL ESTABLISHED BOUNDS AND BENCHMARKS AND REPLACE AS DIRECTED ANY WHICH ARE DESTROYED OR DISTURBED.

7. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF THE LIMIT OF WORK. ANY AREAS OUTSIDE THE LIMIT OF WORK THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.

## <u>DETAIL</u> DESCRIPTION SINGLE POST ACCESS FRAME 5/L7.1 8/L7.1 DUAL POST ACCESS FRAME 6/L7.1 BATTER'S BOX FORMING SYSTEM SYNTHETIC TURF 1/L7.1 TURF BORDER CURB 1/L7.1 BACKSTOP NETTING POLE 9/L7.0 4" CONCRETE 1/L7.0 6" CONCRETE 2/L7.0 PREFABRICATED RESTROOM BUILDING

PREFABRICATED WHEEL STOP

WALKING TRAIL

BACKSTOP WALL AT NETTING POLE

TURF BORDER CURB AT EXISTING FENCE 7/L7.1

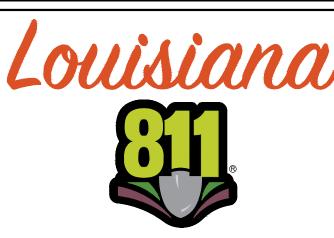
6/L7.0

10/L7.0

3/L7.2

# UTILITY NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR

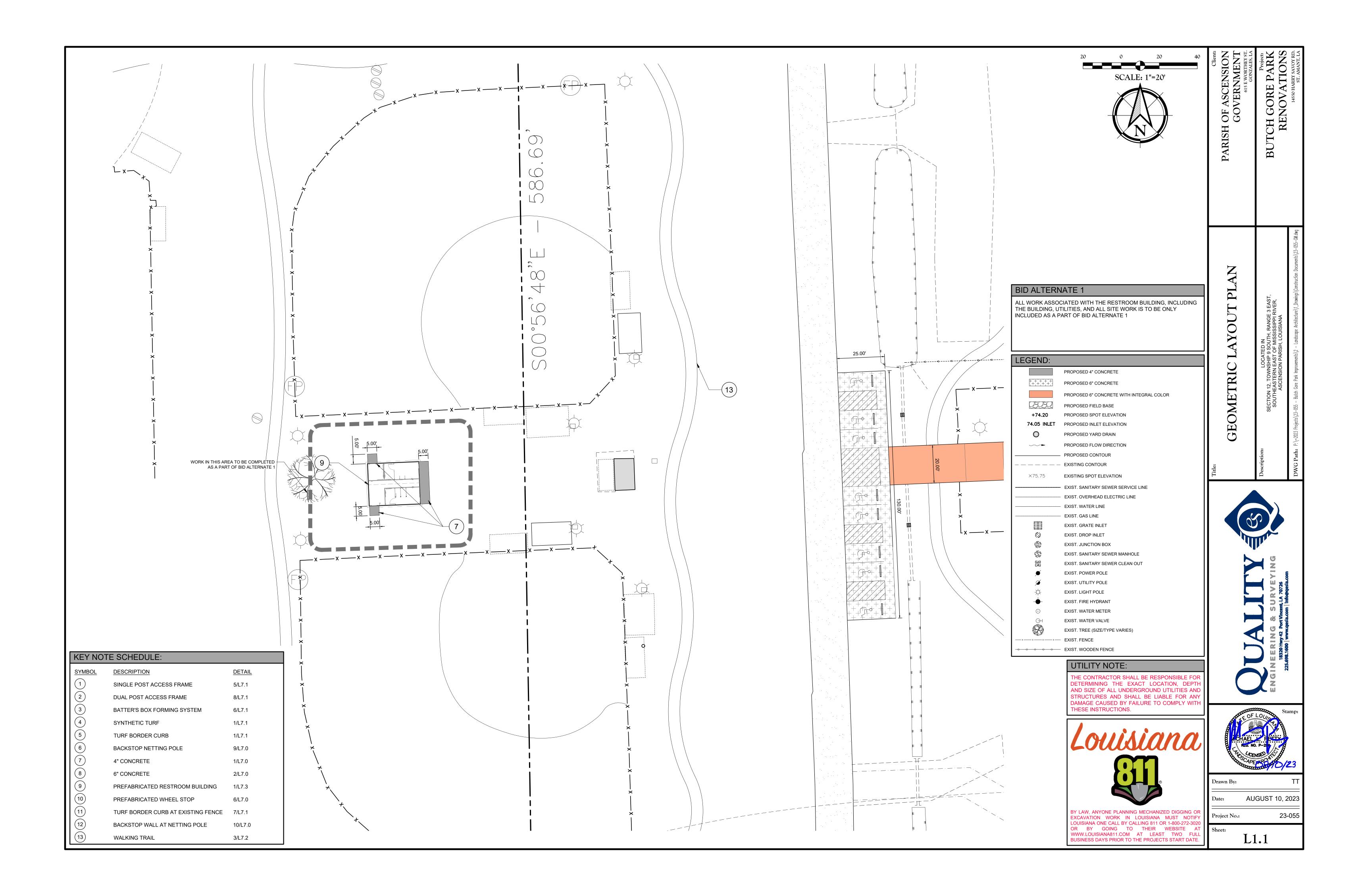
DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED B' THESE INSTRUCTIO

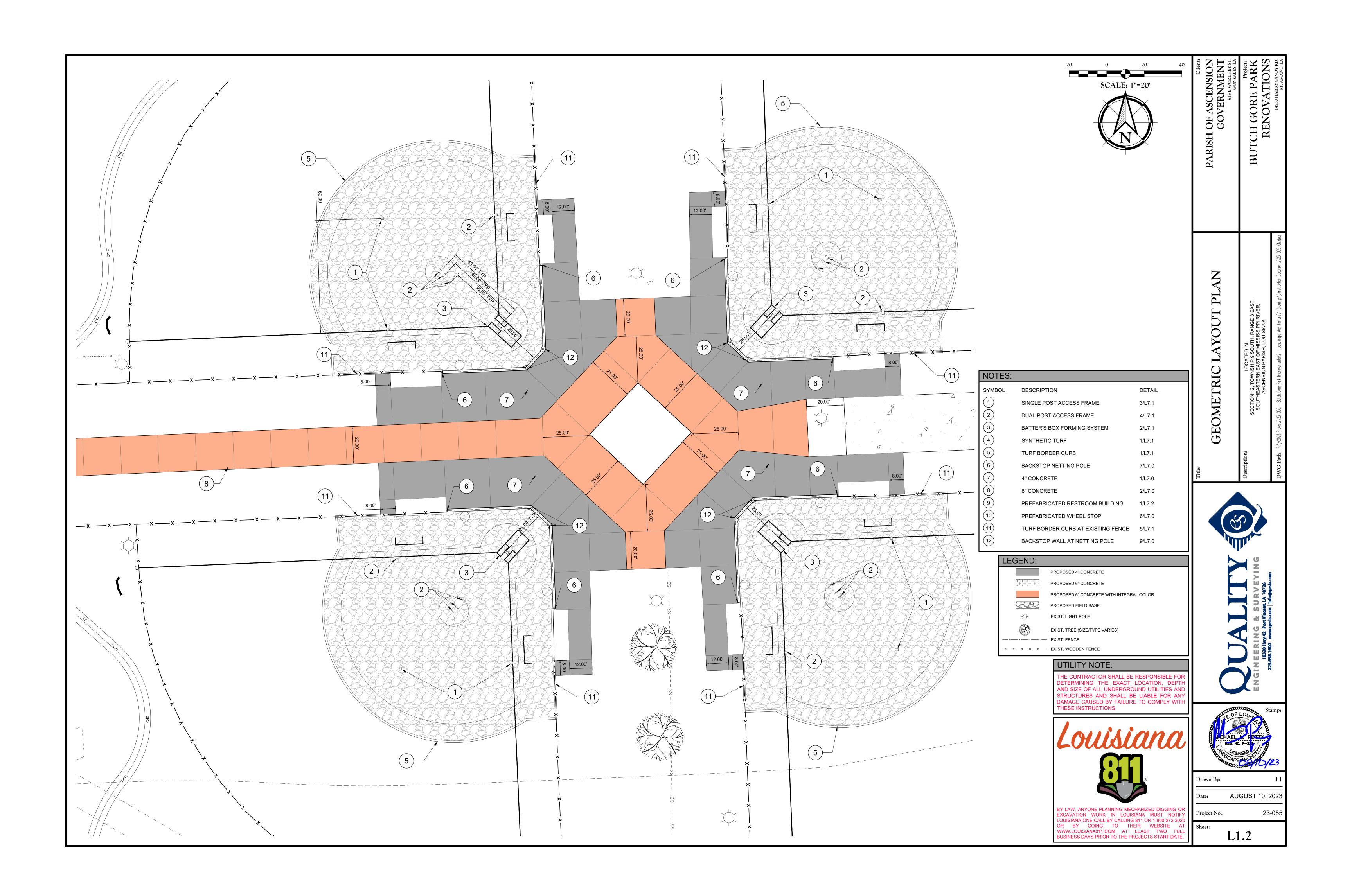


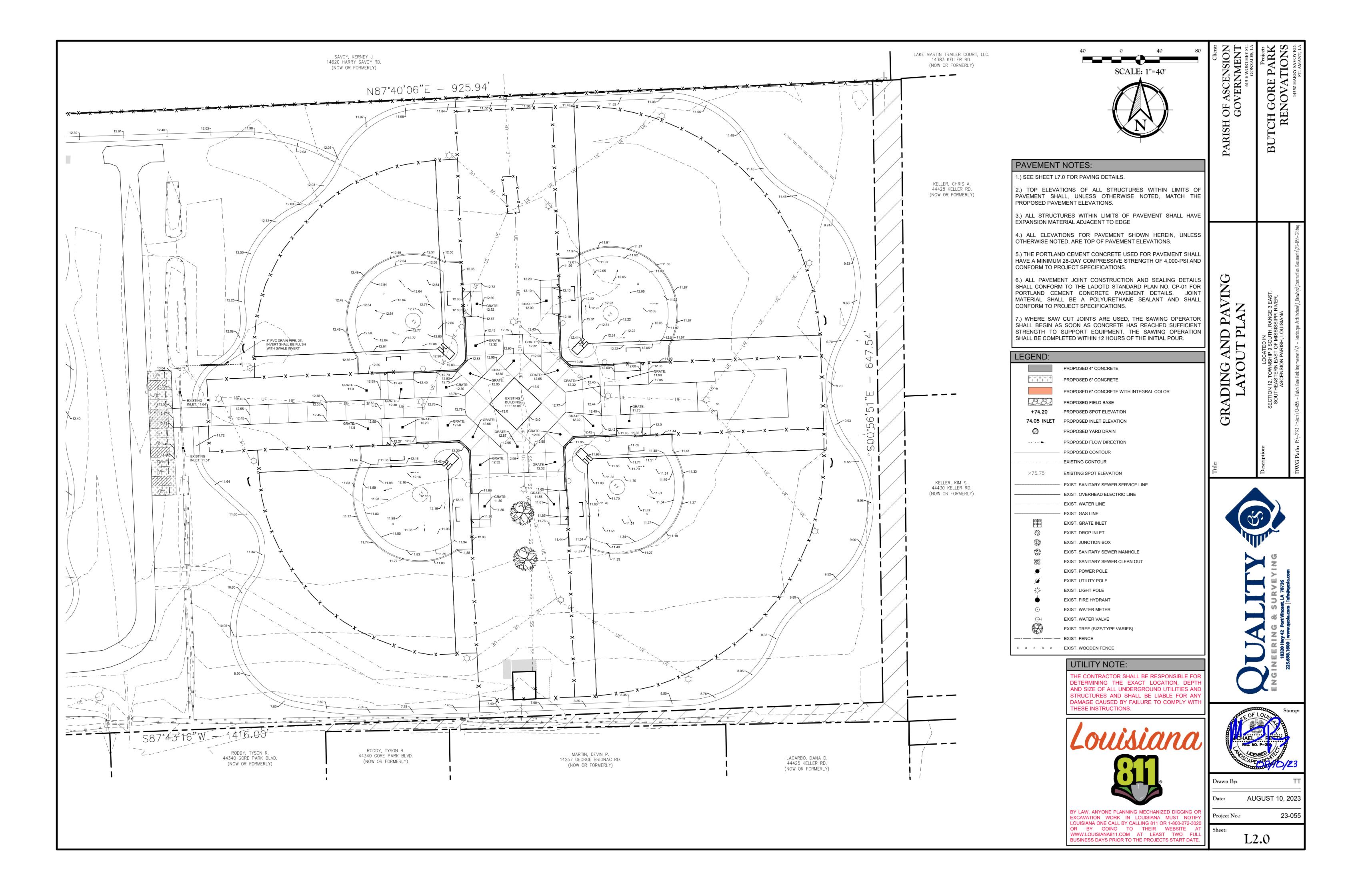
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| <b>EXCAVATION</b>  | WORK      | IN L   | .OUISIANA | MUST      | NOTIFY   |
| LOUISIANA O        | NE CALL E | BY CAL | LING 811  | OR 1-800- | 272-3020 |
| OR BY              | GOING     | TO     | THEIR     | WEBSI     | ΓE AT    |
| WWW.LOUISI         | ANA811.C  | MC MC  | AT LEAS   | ST TWO    | ) FULL   |
| <b>BUSINESS DA</b> | YS PRIOR  | TO TH  | HE PROJE  | CTS STAF  | RT DATE. |

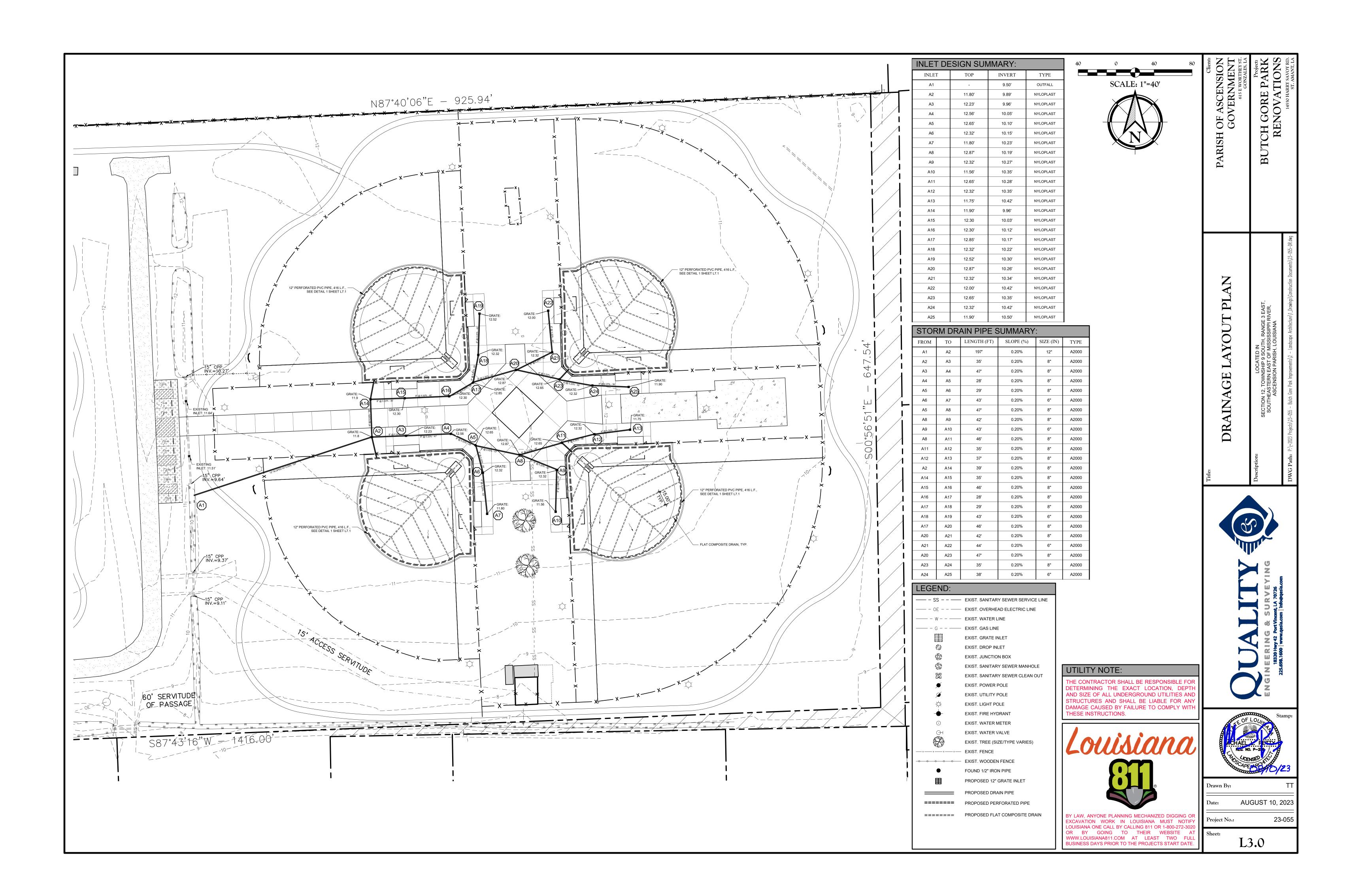
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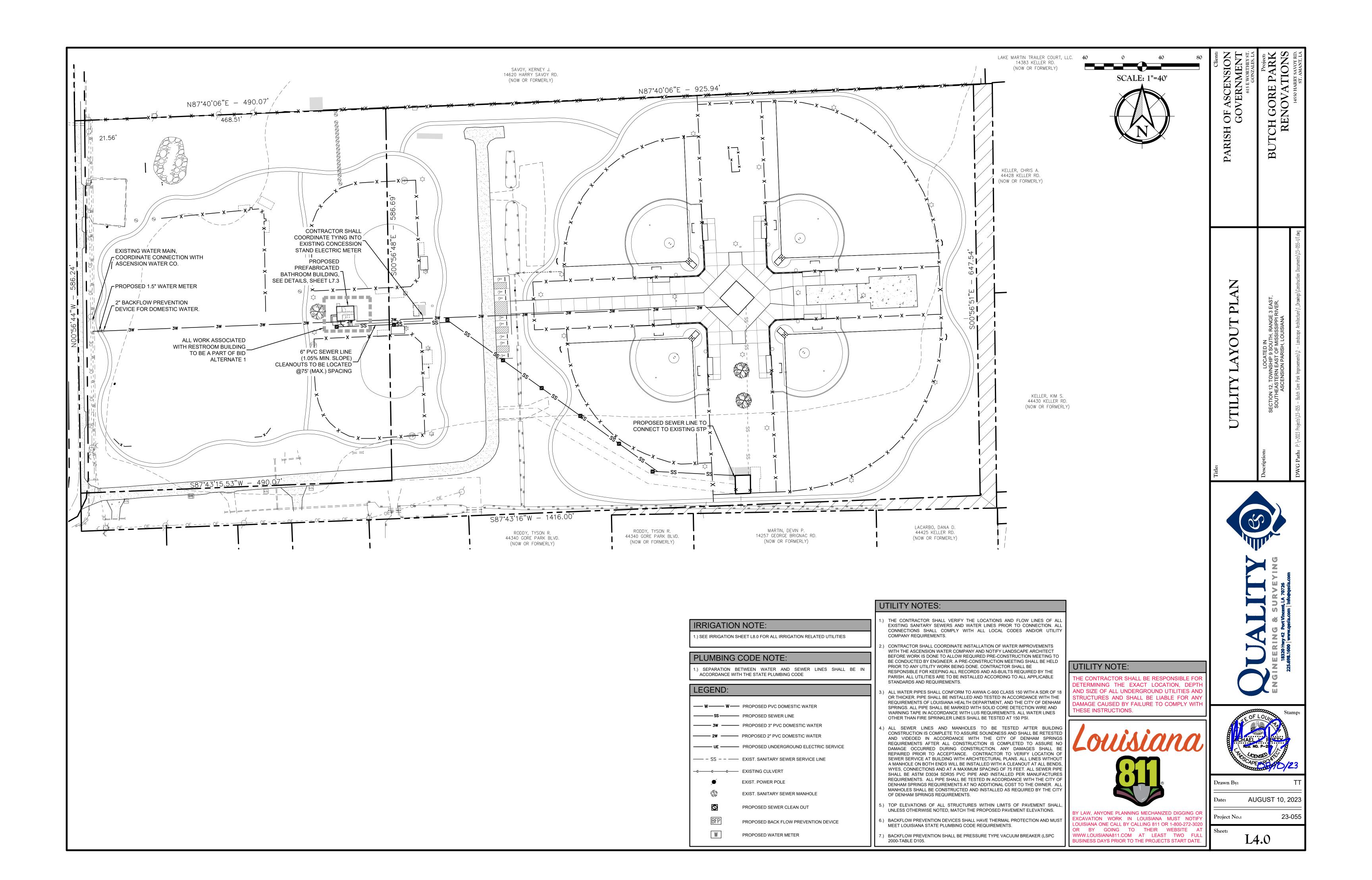
|                          | Drawn By:    | ТТ              |
|--------------------------|--------------|-----------------|
|                          | Date:        | AUGUST 10, 2023 |
| DIGGING OR<br>JST NOTIFY | Project No.: | 23-055          |

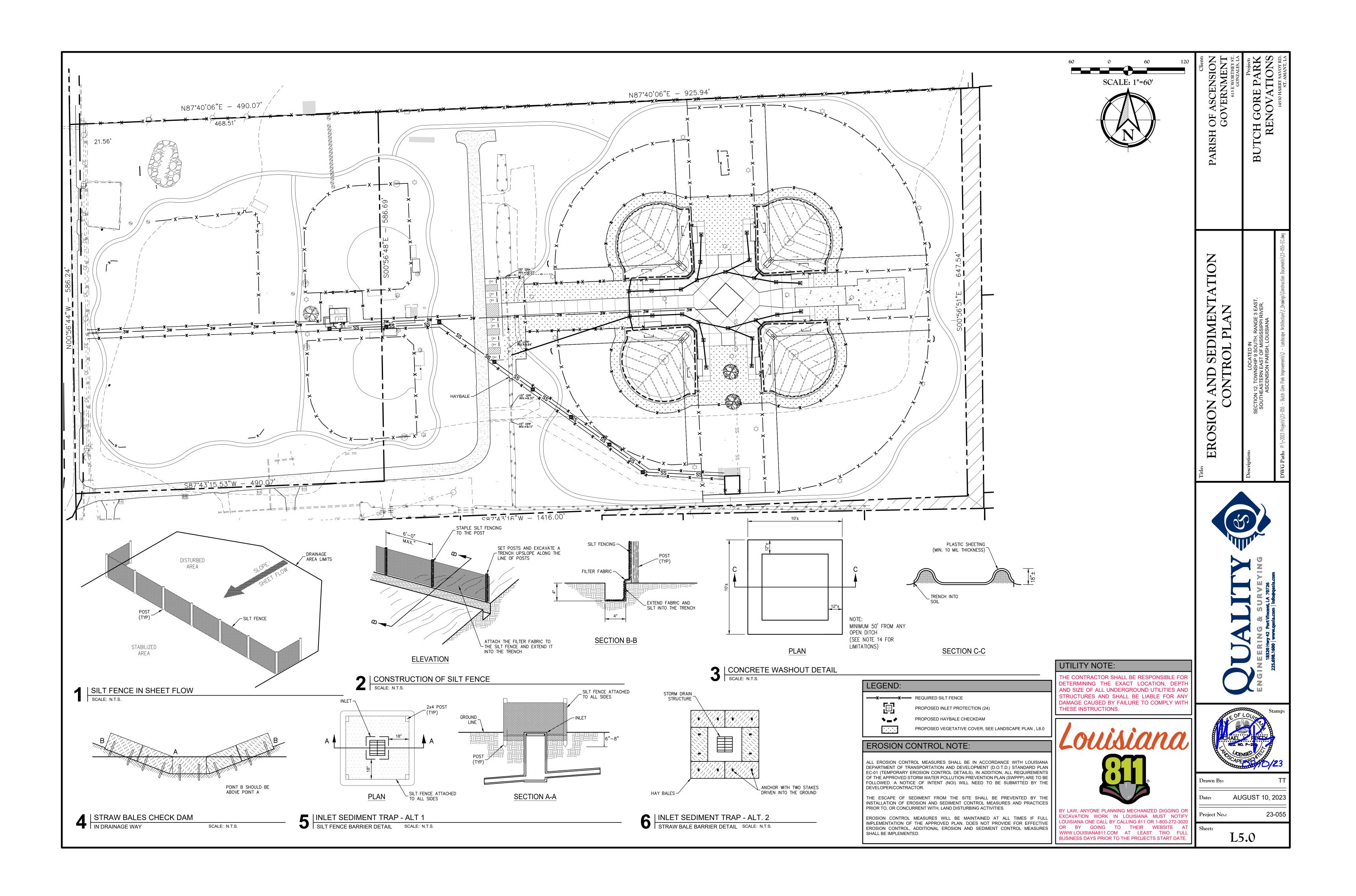




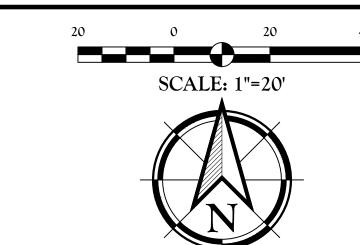












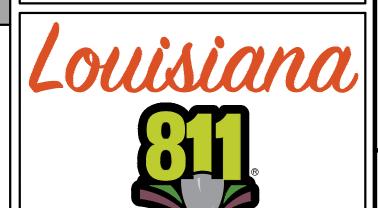
| FIELD 1 | TURF COLOR LEGEND: |       |
|---------|--------------------|-------|
| SWATCH  | LOCATION           | COLOR |
|         | INFIELD            | BROWN |
|         | FIELD BORDER       | GREEN |
|         | STRIPING           | WHITE |

# SYNTHETIC TURF NOTES:

- THE FIELD GRAPHICS AND LAYOUT SHOWN ON THIS SHEET IS MEANT TO ILLUSTRATE DESIGN INTENT.
- 2. CONTRACTOR SHALL PROVIDE FIELD SHOP DRAWINGS TO BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT AND OWNER PRIOR TO PLACING ORDER FOR TURF. SHOP DRAWINGS SHALL INCLUDE DETAILED ENLARGEMENTS OF ANY AND ALL FIELD GRAPHICS.
- ALL STANDARD FIELD MARKINGS ARE SHOWN FOR ILLUSTRATION PURPOSES. CONTRACTOR SHALL ENSURE THAT ALL MARKINGS CONFORM TO NATIONAL AND STATE STANDARDS FOR HIGH SCHOOL PLAY.
- CONTRACTOR SHALL PROVIDE PHYSICAL SAMPLES OF EACH COLOR TURF, INCLUDING MULTIPLE OPTIONS BASED ON COLOR AVAILABILITY, FOR EACH COLOR OF TURF DESCRIBED WITHIN THIS PLAN. SAMPLES SHALL BE SUBMITTED AT A MINIMUM SIZE OF 12" x 12" FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT AND OWNER.
- 5. LINES MARKINGS AND GRAPHICS SHALL BE TUFTED INTO THE FIELD SURFACING.

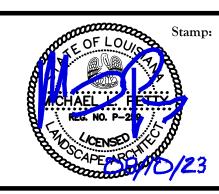
# UTILITY NOTE:

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



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

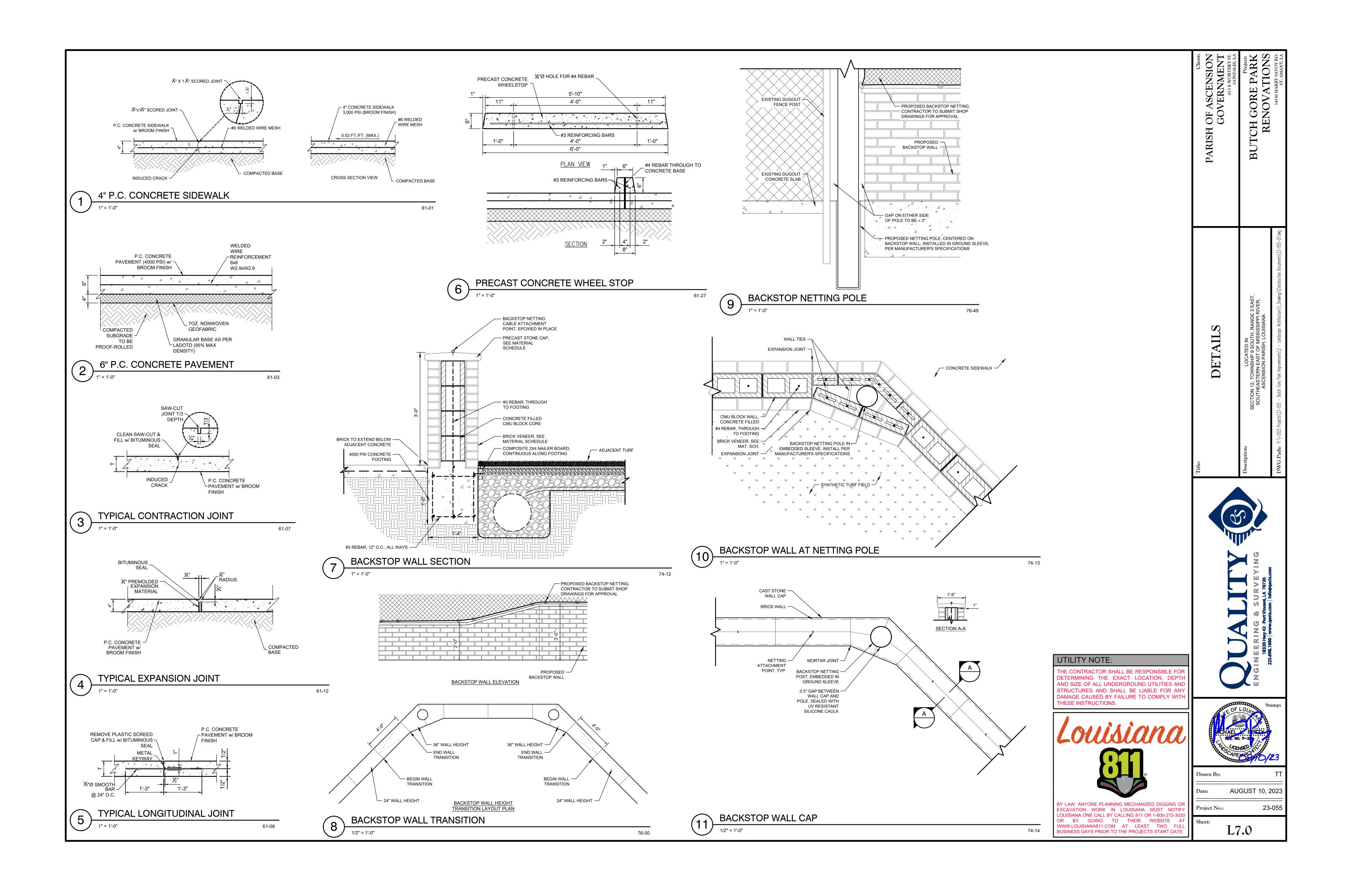
DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.

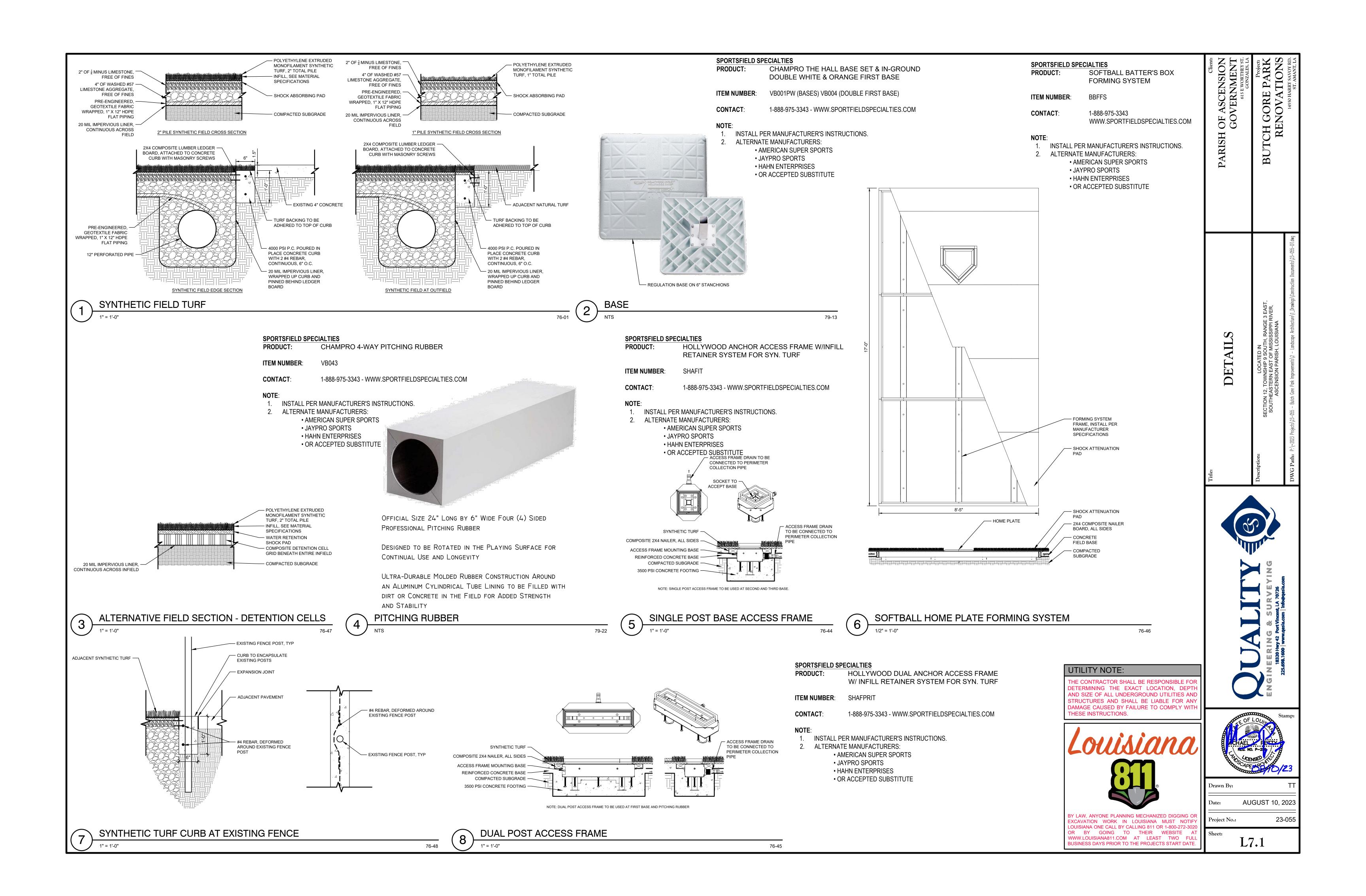


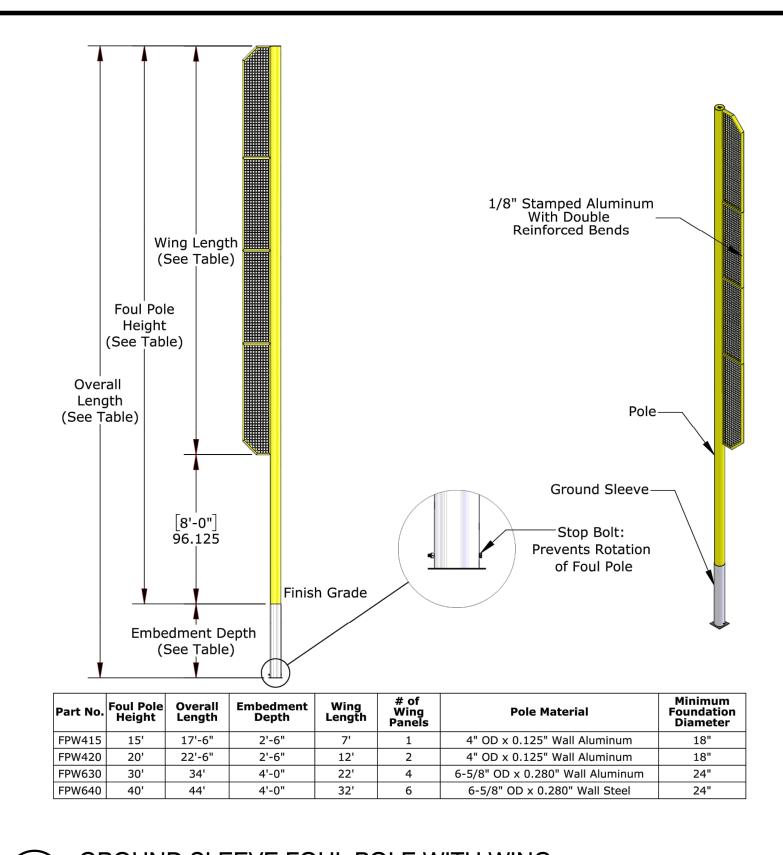
Drawn By: AUGUST 10, 2023

23-055

L6.0







SPORTSFIELD SPECIALTIES

GROUND SLEEVE FOUL POLE WITH WING PRODUCT:

ITEM NUMBER: FPW415

CONTACT: 1-888-975-3343 - WWW.SPORTFIELDSPECIALTIES.COM

INSTALL PER MANUFACTURER'S INSTRUCTIONS.

CONTRACTOR SHALL PROVIDE STAMPED SHOP DRAWINGS WITH FOUNDATION DESIGN FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT.

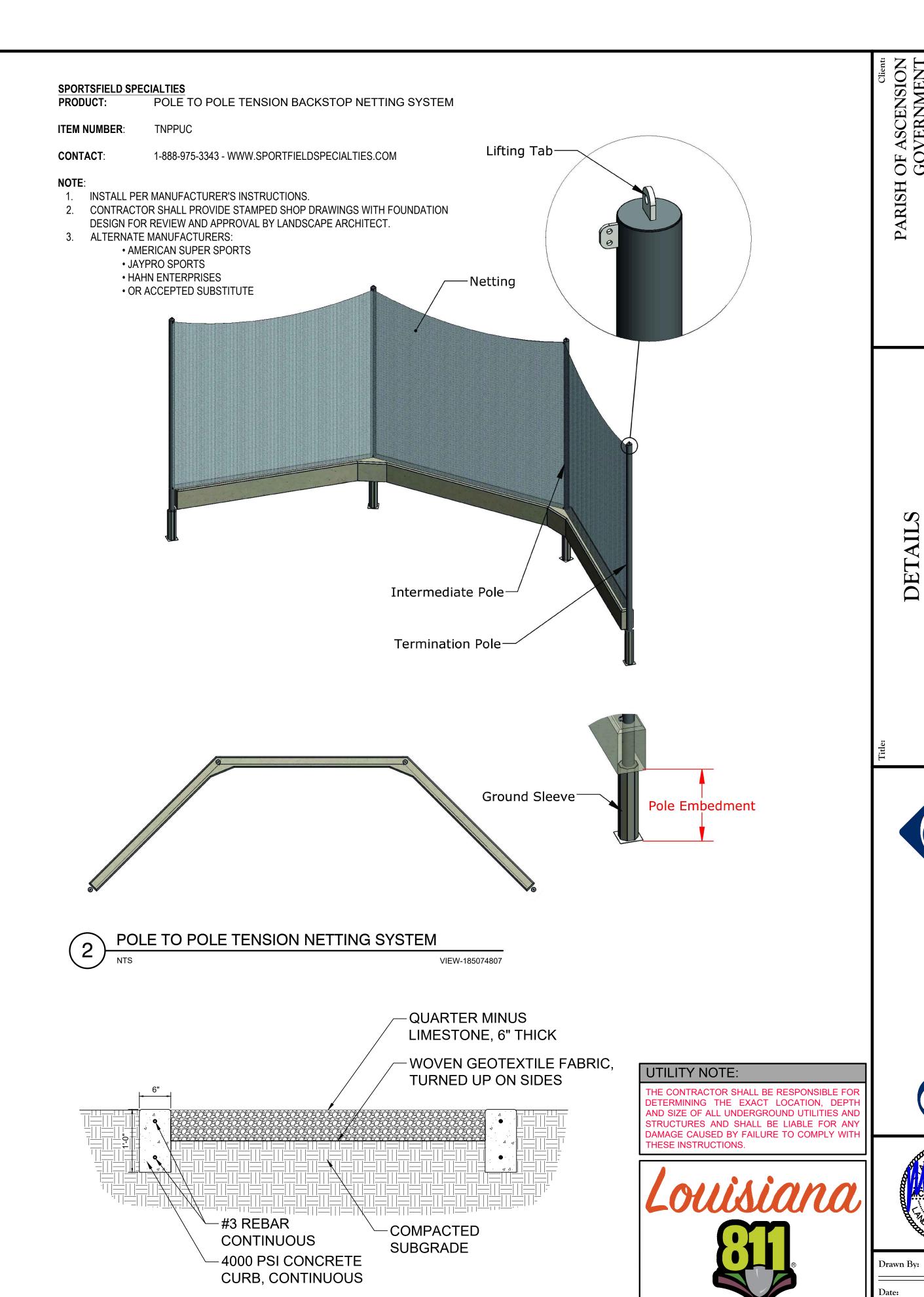
3. ALTERNATE MANUFACTURERS:

• AMERICAN SUPER SPORTS

 JAYPRO SPORTS HAHN ENTERPRISES

• OR ACCEPTED SUBSTITUTE





WALKING TRAIL SECTION

AUGUST 10, 2023

L7.2

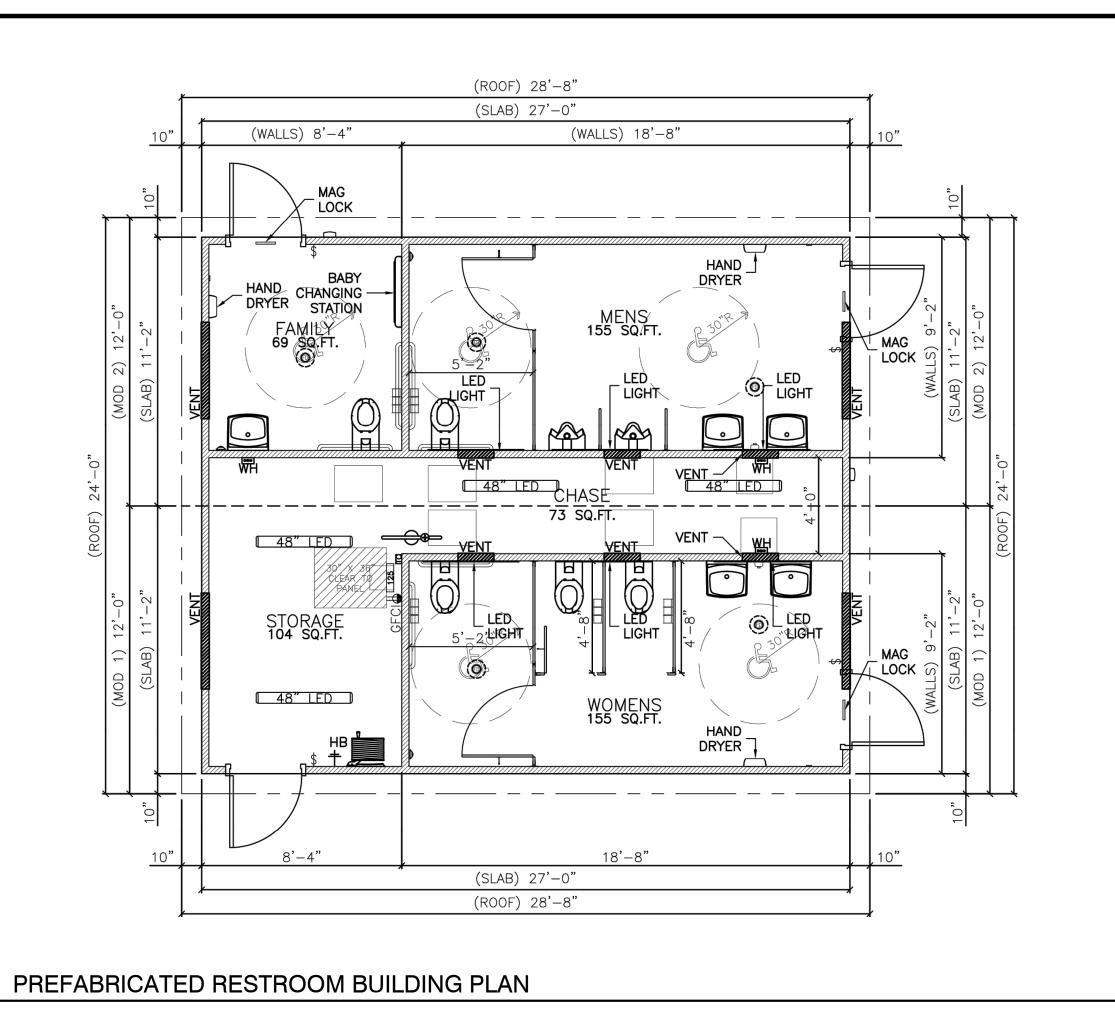
Project No.:

23-055

BY LAW, ANYONE PLANNING MECHANIZED DIGGING OF

EXCAVATION WORK IN LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OR 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT

WWW.LOUISIANA811.COM AT LEAST TWO FULL BUSINESS DAYS PRIOR TO THE PROJECTS START DATE.



\_ LED LIGHT STANDING SEAM METAL ROOF SPLIT FACE CMU ---**RESTROOM NORTH ELEVATION** VIEW-962687016 STANDING SEAM METAL ROOF - SPLIT FACE CMU RESTROOM SOUTH ELEVATION

**BASIS OF DESIGN** 

PRODUCT:

CORWORTH RESTROOM FACILITIES

PRODUCT NUMBER: B525ST

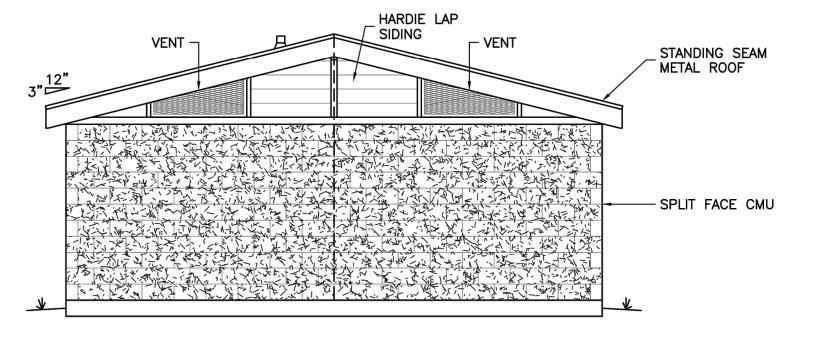
CONTACT: **BRIAN CRAFT** 

1-888-975-3343

WWW.CORWORTH.COM

- INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- CONTRACTOR SHALL PROVIDE STAMPED SHOP DRAWINGS FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT.
- CONTRACTOR MAY SUBMIT ALTERNATIVE VENDORS TO BE CONSIDERED AS

ACCEPTED SUBSTITUTE.

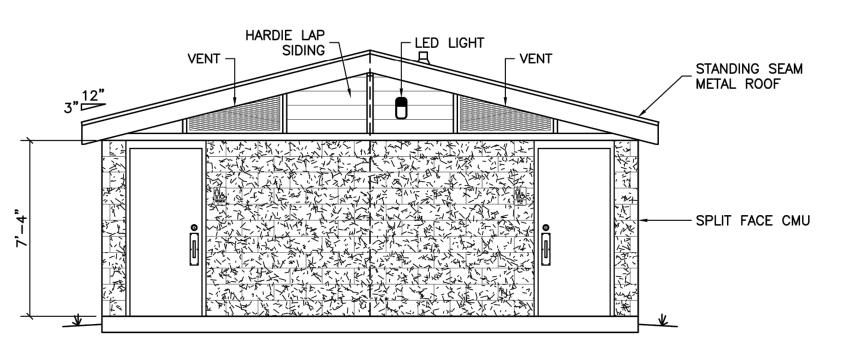


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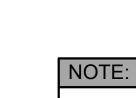
RESTROOM EAST ELEVATION

# NOTES:

- 1) PREFABRICATED RESTROOM FACILITY TO BE CONSTRUCTED ONLY AS A PART OF BID ALTERNATE 1 2) BUILDING TO BE CONSTRUCTED OFFSITE AND CRANED INTO PLACE.
- 3) MINIMUM 10" OF NATIVE SOIL & ORGANICS TO BE REMOVED FROM RESTROOM SITE.
- 4) CONTRACTOR TO CONSTRUCT BUILDING PAD TO 95% COMPACTION. 5) CONTRACTOR SHALL BRING WATER AND ELECTRIC CONNECTIONS WITHIN 5' OF RESTROOM BUILDING PAD PRIOR TO RESTROOM DELIVERY. 6) ON DELIVERY OF RESTROOM, CONTRACTOR TO MAKE FINAL UTILITY

CONNECTIONS TO FACILITY PRIOR TO RESTROOM BUILDING VENDOR

RESTROOM BUILDING TO HAVE AN 8" REINFORCED CONCRETE SLAB ATTACHED TO BUILDING ON ARRIVAL

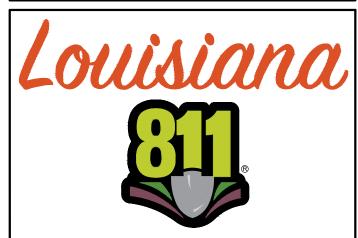


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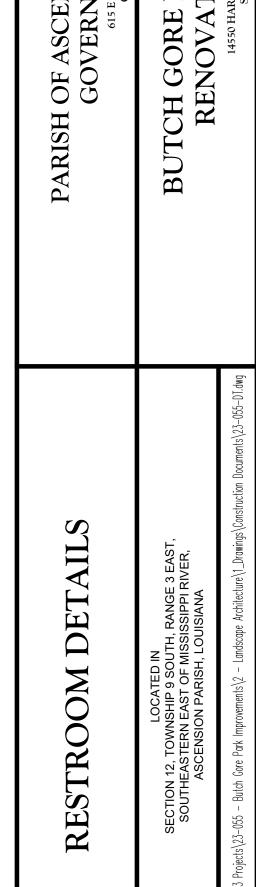
DETAILS ON THIS SHEET ARE SHOWN FOR ILLUSTRATIVE CONCEPT PURPOSES TO SHOW REQUIRED FEATURES OF THE FINAL PRODUCT ONLY. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR RESTROOM FACILITY STAMPED BY LOUISIANA LICENSED ARCHITECT OR ENGINEER.

# UTILITY NOTE:

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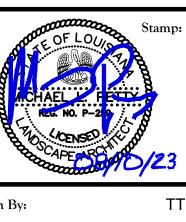


BY LAW, ANYONE PLANNING MECHANIZED DIGGING OF EXCAVATION WORK IN LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OR 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT WWW.LOUISIANA811.COM AT LEAST TWO FUL BUSINESS DAYS PRIOR TO THE PROJECTS START DATE



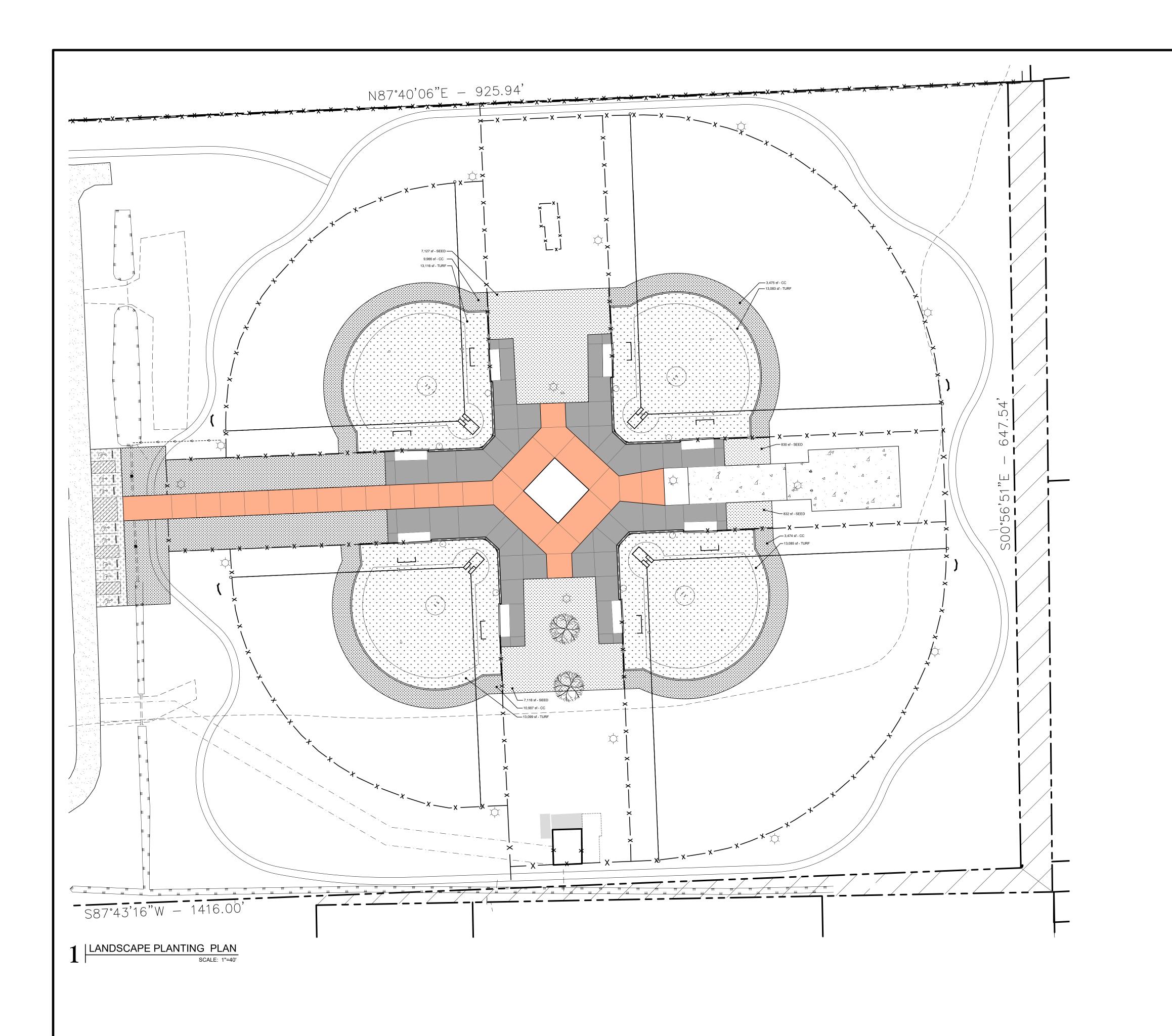


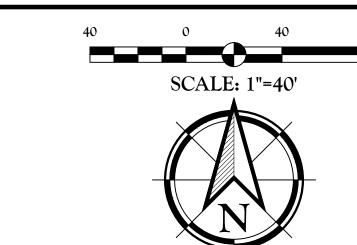




Drawn By: AUGUST 10, 2023 23-055 Project No.:

L7.3





| PLANT MATERIAL LEGEND:   |                          |           |           |  |  |  |  |  |  |  |  |
|--|--------------------------|-----------|-----------|--|--|--|--|--|--|--|--|
| GROUND COVERS  | COMMON NAME              | CONT      | QTY       |  |  |  |  |  |  |  |  |
|  | Bermuda Grass - Seed     | Hydroseed | 15,907 sf |  |  |  |  |  |  |  |  |
| +++++++<br>+++++++<br>++++++++<br>++++++++<br>++++++   | Celebration Bermudagrass | Sod       | 27,822 sf |  |  |  |  |  |  |  |  |
| \(\psi\) \(\ | Playing Field Turf       | Syn. Turf | 52,383 sf |  |  |  |  |  |  |  |  |
|  |                          |           |           |  |  |  |  |  |  |  |  |

## LANDSCAPE PLANTING NOTES:

- 1.) Contractor shall bear full responsibility in verifying locations of existing site utilities and shall be responsible for any damage to said utilities during construction.
- 2.) The contractor shall be responsible in determining quantities that meet the design intent.
- construction.
- 4.) Remove waste materials, including grass, vegetation, and turf, and legally dispose of it off Owner's
- 5.) Totally grub areas to receive sod and/or seed by chemically eradicating emerging vegetation, removing existing vegetation after vegetation is dead, then proceeding with proper sod and seed installation in accordance with the Planting Plan. Remove roots, plants, sods, stones, clay lumps, and other extraneous materials harmful to plant growth.
- 6.) Lay sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod; DO NOT OVERLAP OR STRETCH. Stagger sod strips or pads to offset joints in adjacent courses. Avoid damage to subgrade or sod during installation. Tamp and roll lightly to ensure contact with subgrade, eliminate air pockets, and form a smooth surface.
- 7.) Grade lawn and grass areas to a smooth, even surface with loose, uniformly fine texture. Roll and rake, remove ridges, and fill in depressions to meet finish grades and ensure positive drainage.
- 8.) Contractor shall ensure positive drainage away from buildings for all work.
- 9.) Provide protection to all finished work until accepted by owner.
- 10.) Warranty Period:
  - Trees: 12 months Sod and/or Seed: 6 months
- 11.) Contractor is to insure that all disturbed areas on site are to be sodded and/or seeded. This may be areas in addition to what is indicated on the plan.

# UTILITY NOTE:

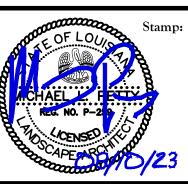
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.



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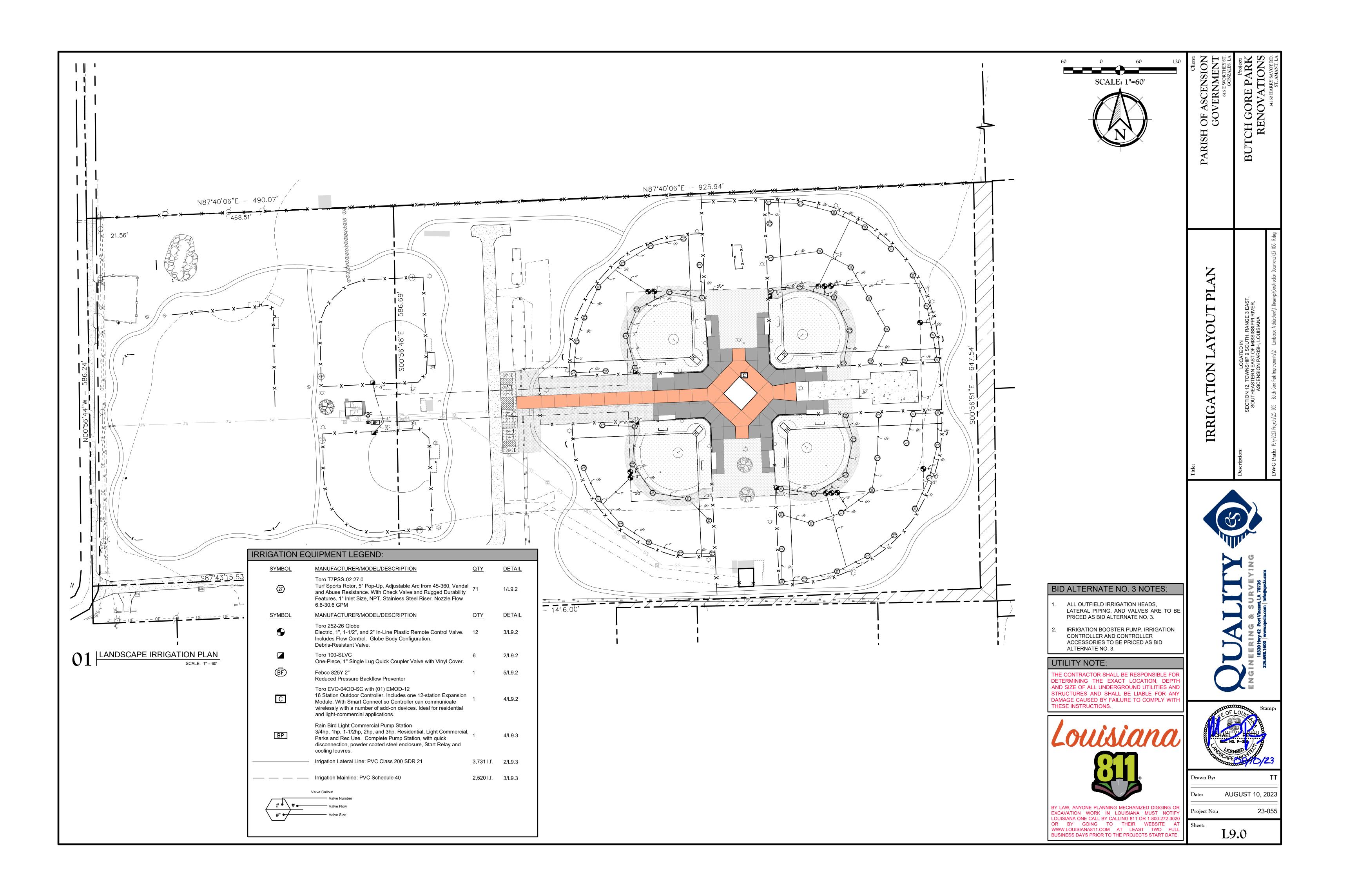


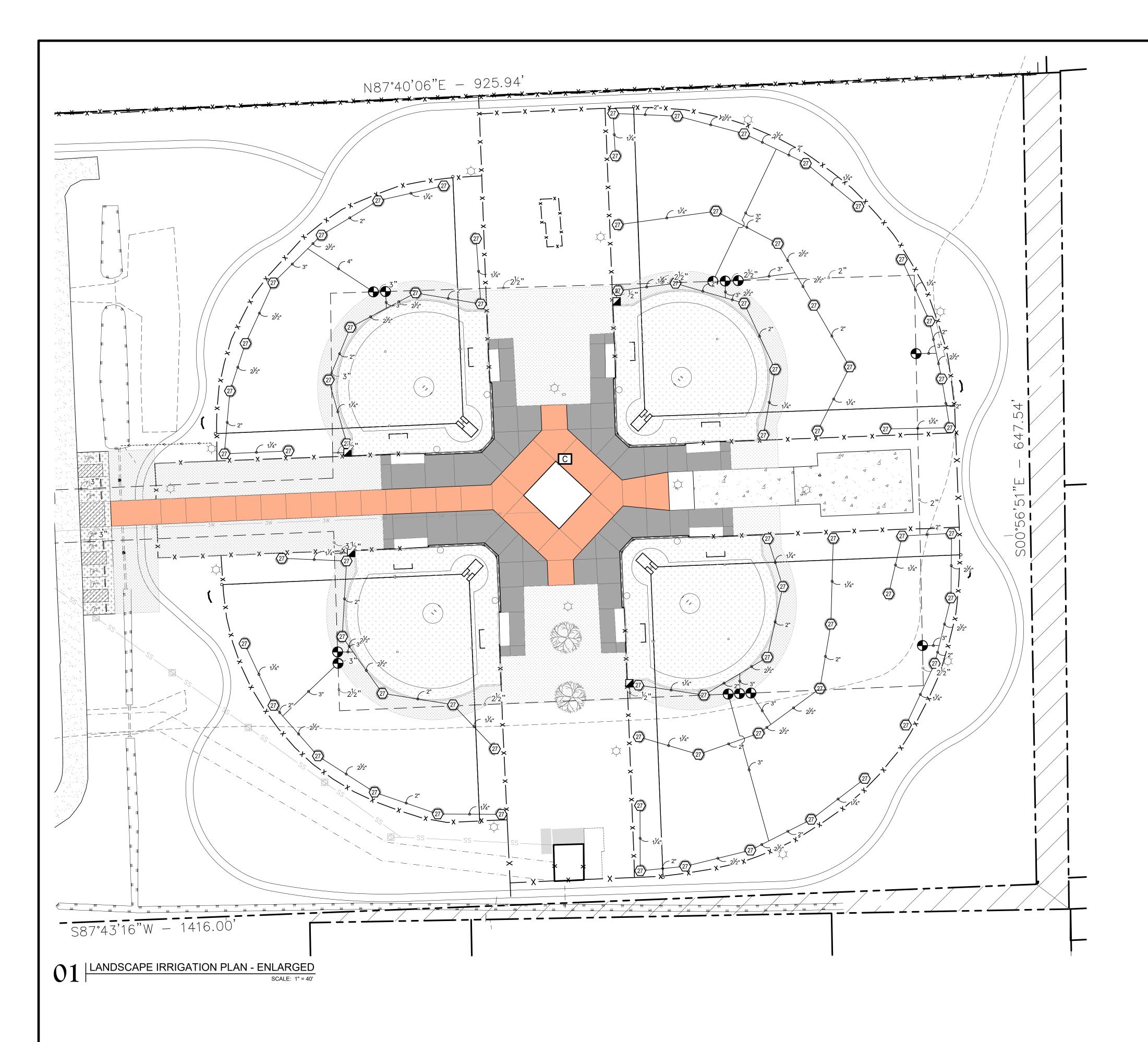
Drawn By: AUGUST 10, 2023

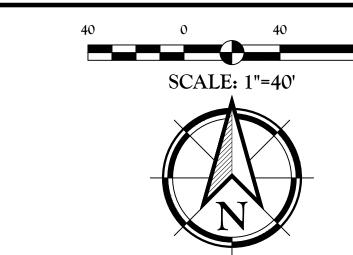
Project No.:

23-055

L8.0







PARISH OF ASCENSIC GOVERNMEN

| IRRIGATION EC | UIPMENT LEGEND:   |            |               |
|---------------|---|------------|---------------|
| SYMBOL        | MANUFACTURER/MODEL/DESCRIPTION  | QTY        | <u>DETAIL</u> |
| <b>(27)</b>   | Toro T7PSS-02 27.0 Turf Sports Rotor, 5" Pop-Up, Adjustable Arc from 45-360, Vandal and Abuse Resistance. With Check Valve and Rugged Durability Features. 1" Inlet Size, NPT. Stainless Steel Riser. Nozzle Flow 6.6-30.6 GPM                                    | 71         | 1/L9.2        |
| <u>SYMBOL</u> | MANUFACTURER/MODEL/DESCRIPTION  | QTY        | <u>DETAIL</u> |
| •             | Toro 252-26 Globe Electric, 1", 1-1/2", and 2" In-Line Plastic Remote Control Valve. Includes Flow Control. Globe Body Configuration. Debris-Resistant Valve.   | 12         | 3/L9.2        |
|               | Toro 100-SLVC<br>One-Piece, 1" Single Lug Quick Coupler Valve with Vinyl Cover.   | 6          | 2/L9.2        |
| (BF)          | Febco 825Y 2" Reduced Pressure Backflow Preventer   | 1          | 5/L9.2        |
| С             | Toro EVO-04OD-SC with (01) EMOD-12 16 Station Outdoor Controller. Includes one 12-station Expansion Module. With Smart Connect so Controller can communicate wirelessly with a number of add-on devices. Ideal for residential and light-commercial applications. | 1          | 4/L9.2        |
| ВР            | Rain Bird Light Commercial Pump Station 3/4hp, 1hp, 1-1/2hp, 2hp, and 3hp. Residential, Light Commercial, Parks and Rec Use. Complete Pump Station, with quick disconnection, powder coated steel enclosure, Start Relay and cooling louvres.                     | 1          | 4/L9.3        |
|               | Irrigation Lateral Line: PVC Class 200 SDR 21   | 3,731 l.f. | 2/L9.3        |
|               | Irrigation Mainline: PVC Schedule 40  | 2,520 l.f. | 3/L9.3        |
| # # # •       | Valve Callout  Valve Number  Valve Flow  Valve Size   |            |               |

# BID ALTERNATE NO. 3 NOTES:

- ALL OUTFIELD IRRIGATION HEADS, LATERAL PIPING, AND VALVES ARE TO BE PRICED AS BID ALTERNATE NO. 3.
- IRRIGATION BOOSTER PUMP, IRRIGATION CONTROLLER AND CONTROLLER ACCESSORIES TO BE PRICED AS BID ALTERNATE NO. 3.

# UTILITY NOTE:

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



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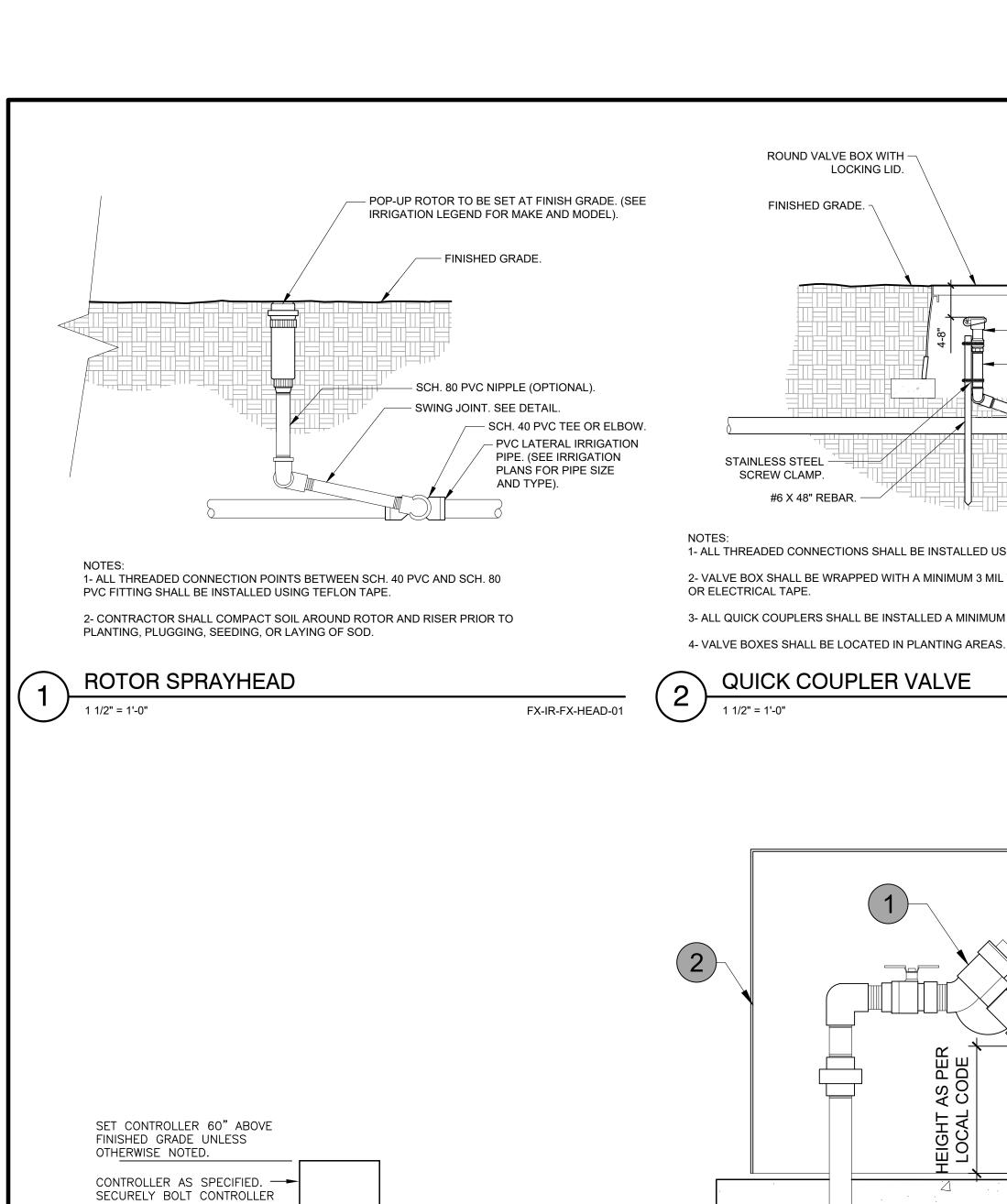
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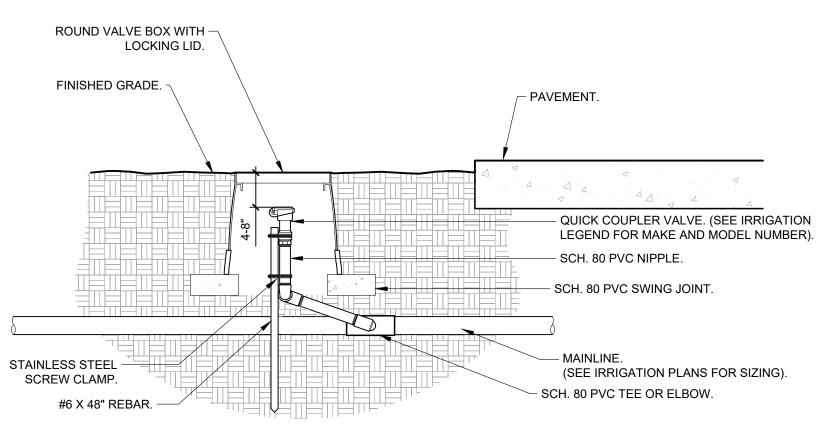
Drawn By: TT

Date: AUGUST 10, 2023

Project No.: 23-055

L9.1





1- ALL THREADED CONNECTIONS SHALL BE INSTALLED USING TEFLON TAPE.

2- VALVE BOX SHALL BE WRAPPED WITH A MINIMUM 3 MIL THICK PLASTIC AND SECURED TO THE VALVE BOX USING DUCT TAPE

**ENCLOSURE SIZE PLUS 6"** 

LENGTH AND WIDTH

3- ALL QUICK COUPLERS SHALL BE INSTALLED A MINIMUM OF 18" OFF OF THE MAINLINE.

QUICK COUPLER VALVE

PLASTIC TAG WITH VALVE STATION NUMBER ID. REMOTE CONTROL IRRIGATION VALVE. (SEE -— PAVEMENT. IRRIGATION PLANS FOR SIZE AND MODEL). CONTROLLER WIRES WITH 12" MIN. EXPANSION -FINISHED GRADE. SCH. 80 PVC BALL VALVE. SCH. 80 PVC MALE ADAPTER. SCH. 40 PVC 90° ELBOW. - 3/8" WELDED WIRE MESH. SCH. 80 PVC MALE UNION. - SCH. 40 PVC PIPE. VALVE WIRE FOUR (4) 4" X 8" BRICKS - SCH. 40 OR 80 PVC TEE OR ELBOW. (SEE IRRIGATION PLAN MAINLINE SIZE AND TYPE). COMMON WIRES. MAINLINE. (SEE IRRIGATION PLANS FOR SIZE AND TYPE).

1- LOCATE VALVE BOX WITHIN 24" OF PAVEMENT EDGE IN PLANTING AREA WHERE EASILY ACCESSIBLE WHENEVER POSSIBLE.

2- COMMON WIRE AND CONTROLLER WIRE SHALL BE DIRECT BURIAL 14 AWG OR LARGER. COLOR: COMMON (WHITE), CONTROLLER WIRE FOR TURF (BLUE), AND CONTROLLER WIRE FOR SHRUBS (RED). (SEE SPECIFICATIONS FOR 2-WIRE CONTROLLERS).

3- ALL WIRE RUNS SHALL BE CONTINUOUS WITHOUT ANY SPLICES UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE. SEE SPLICE BOX DETAIL. WIRE CONNECTIONS SHALL BE MADE USING DBR/Y-6 CONNECTORS OR APPROVED EQUAL.

4-VALVE BOX SHALL BE WRAPPED WITH MIN. 3 MIL THICK PLASTIC AND SECURE IT USING DUCT TAPE OR ELECTRICAL TAPE.

5- MAINLINES 4" OR LARGER SHALL USE SADDLES AT THE CONNECTIONS POINTS TO THE IRRIGATION VALVE. (SEE SPECIFICATIONS FOR IRRIGATIONS SADDLES). 6- ALL SCH. 80 PVC TO SCH. 40 PVC THREADED CONNECTIONS SHALL BE MADE USING TEFLON TAPE.

7- VALVE BOXES SHALL BE LOCATED IN PLANTING AREAS.

FX-IR-FX-QUIC-01

1 REDUCED

2 BACKFLOW

**PRESSURE** 

SPECIFIED

4 GALVANIZED

5 GALVANIZED

6 GALVANIZED

RISERS 7 4" THICK MIN.

AS SPECIFIED

**ENCLOSURE AS** 

(3) CONCRETE THRUST

BLOCKS, 90 LBS OF CONCRETE EACH

NIPPLES AND ELL

UNIONS AT EACH

CONCRETE PAD

8 GALVANIZED ELL

AND NIPPLE, **TYPICAL** 

9 PVC COUPLER OR

REDUCER AS

REQUIRED, TYPICAL

FX-IR-FX-BACK-04

AS REQUIRED

BACKFLOW DEVICE

# REMOTE CONTROL IRRIGATION VALVE

RECTANGULAR VALVE BOX WITH LOCKING LID. —

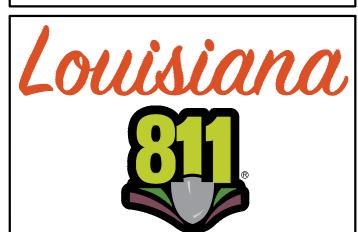
FX-IR-FX-RCV-02

| Generated:  | 2023-07-28 11:34   |
|---|--|
| P.O.C. NUMBER: 01<br>Water Source Information:  |  |
| FLOW AVAILABLE Point of Connection Size: Flow Available   | 3"<br>170.11 GPM   |
| PRESSURE AVAILABLE Static Pressure at POC: Booster Pump pressure provided: Pressure Available:  | 75 PSI<br>20 PSI<br>95 PSI   |
| DESIGN ANALYSIS Maximum Station Flow: Flow Available at POC: Residual Flow Available:   | 149.6 GPM<br>170.11 GPM<br>20.51 GPM   |
| Design Pressure: Friction Loss: Fittings Loss: Elevation Loss: Loss through Valve: Pressure Req. at Critical Station: Loss for Fittings: Loss for Main Line: Loss for POC to Valve Elevation: Loss for Backflow: Critical Station Pressure at POC: Pressure Available: Residual Pressure Available: | 40 PSI<br>2.83 PSI<br>0.28 PSI<br>0 PSI<br>7.97 PSI<br>51.1 PSI<br>1.07 PSI<br>10.7 PSI<br>0 PSI<br>13.1 PSI<br>75.9 PSI<br>95 PSI |

- LATERAL PIPING, AND VALVES ARE TO BE
- IRRIGATION BOOSTER PUMP, IRRIGATION CONTROLLER AND CONTROLLER ACCESSORIES TO BE PRICED AS BID ALTERNATE NO. 3.

# UTILITY NOTE:

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

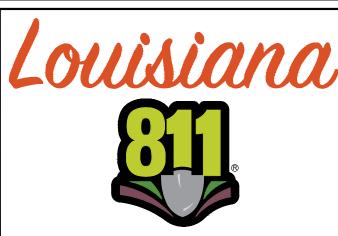


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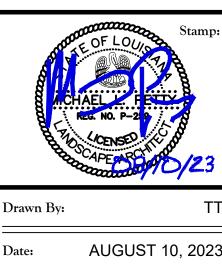
# BID ALTERNATE NO. 3 NOTES:

- ALL OUTFIELD IRRIGATION HEADS, PRICED AS BID ALTERNATE NO. 3.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR



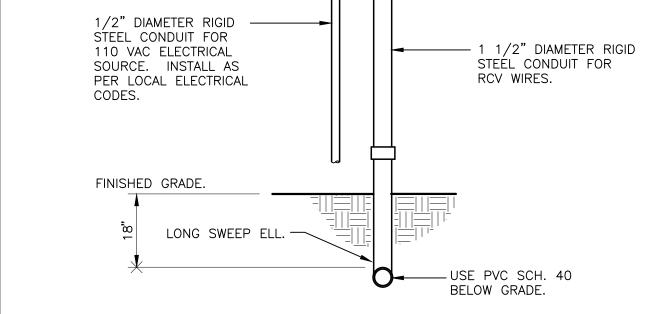
BUSINESS DAYS PRIOR TO THE PROJECTS START DATE

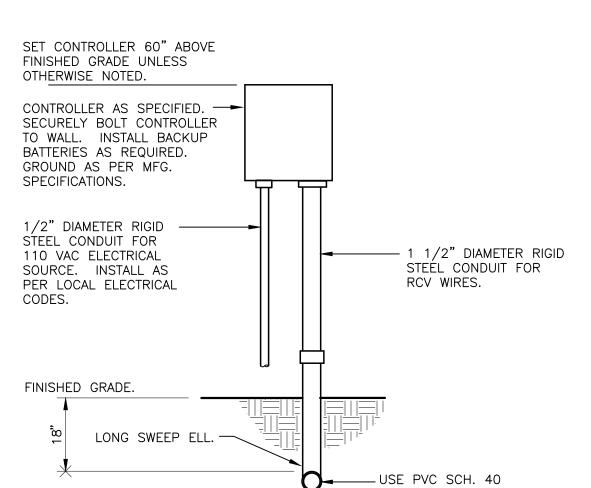


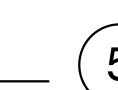
RRIG

23-055 Project No.:

L9.2







**SERVICE** 

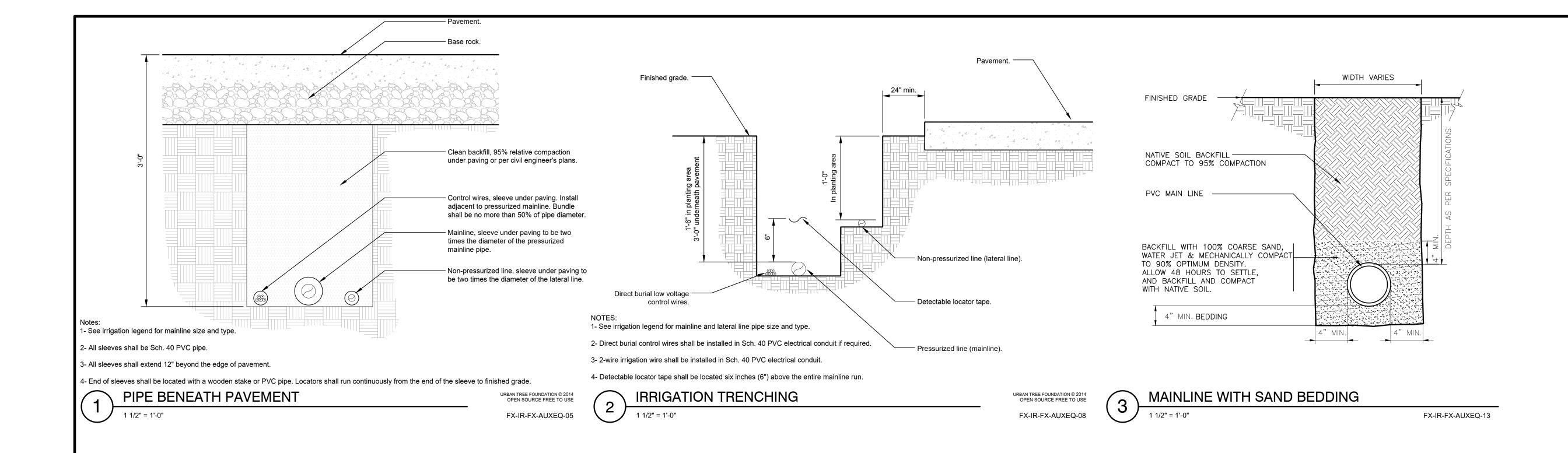
1" = 1'-0"

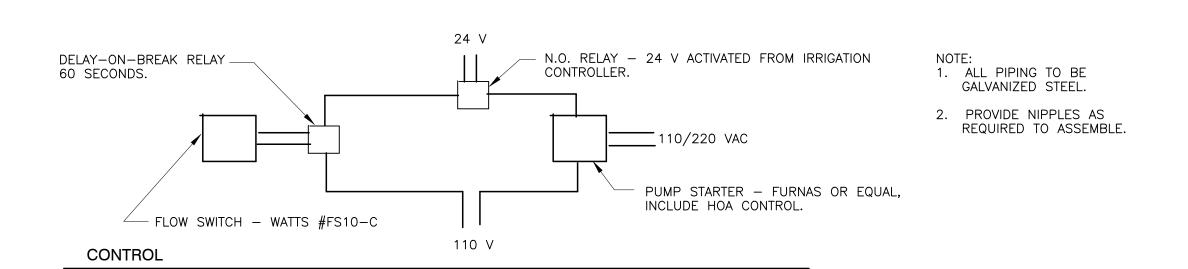
# REDUCED PRESSURE BACKFLOW W/ ENCLOSURE

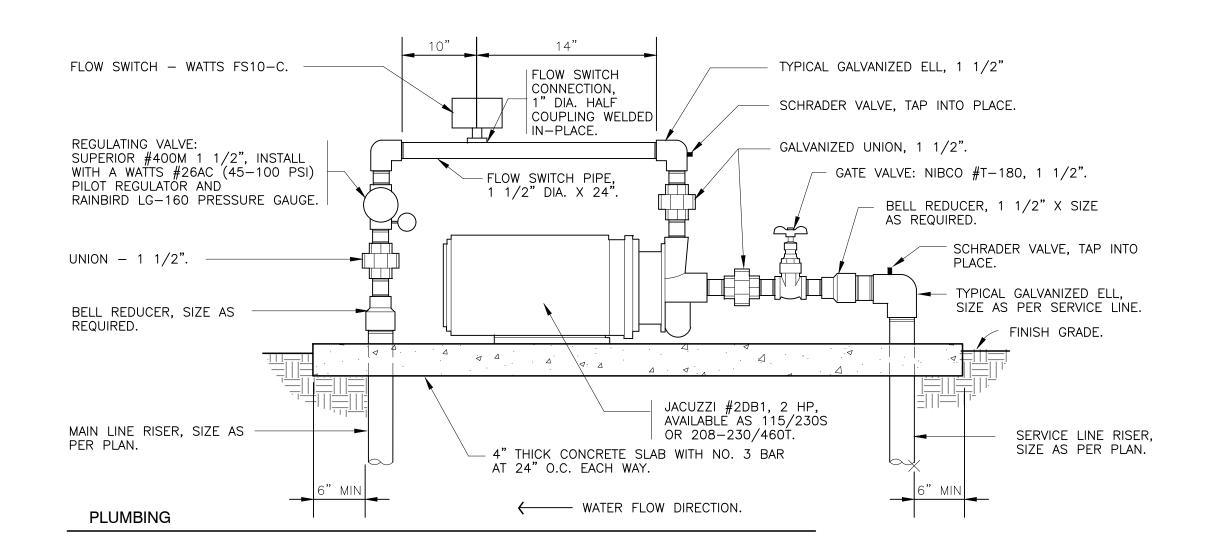
FX-IR-FX-CONT-07

WALL MOUNT CONTROLLER

| VALVE SCH | HEDULE            |      |             |            |              |       |      |            |               |            |            |           |           |
|-----------|-------------------|------|-------------|------------|--------------|-------|------|------------|---------------|------------|------------|-----------|-----------|
| NUMBER    | <u>MODEL</u>      | SIZE | <u>TYPE</u> | <u>GPM</u> | <u>HEADS</u> | PIPE  | WIRE | DESIGN PSI | FRICTION LOSS | VALVE LOSS | <u>PSI</u> | PSI @ POC | PRECIP    |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 112.2      | 6            | 277.1 |      | 40         | 2.42          | 4.72       | 47.1       | 72.5      | 1.39 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 112.2      | 6            | 326.2 |      | 40         | 2.4           | 4.72       | 47.1       | 70.1      | 0.81 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 93.5       | 5            | 224.6 |      | 40         | 1.52          | 3.18       | 44.7       | 64.4      | 1.97 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 112.2      | 6            | 382.0 |      | 40         | 3.28          | 4.72       | 48.0       | 70.7      | 1.76 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 93.5       | 5            | 217.0 |      | 40         | 1.56          | 3.18       | 44.7       | 65.8      | 1.73 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 112.2      | 6            | 377.0 |      | 40         | 3.27          | 4.72       | 48.0       | 72.1      | 1.77 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 112.2      | 6            | 361.0 |      | 40         | 2.57          | 4.72       | 47.3       | 71.7      | 0.79 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 93.5       | 5            | 228.2 |      | 40         | 1.63          | 3.18       | 44.8       | 65.5      | 1.97 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 149.6      | 8            | 431.6 |      | 40         | 3.11          | 7.97       | 51.1       | 75.9      | 1.56 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 112.2      | 6            | 277.7 |      | 40         | 1.76          | 4.72       | 46.5       | 66.4      | 1.85 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 112.2      | 6            | 336.6 |      | 40         | 3.1           | 4.72       | 47.8       | 65.4      | 1.59 in/h |
| Unknown   | Toro 252-26 Globe | 2"   | Turf Rotor  | 112.2      | 6            | 292.0 |      | 40         | 1.84          | 4.72       | 46.6       | 64        | 1.36 in/h |







## GENERAL IRRIGATION NOTES:

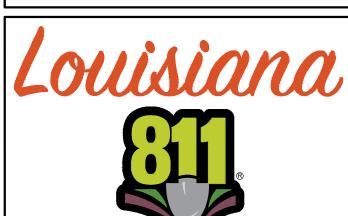
- EXCEPT AS OTHERWISE PROVIDED, THE CONTRACTOR SHALL PROCURE ALL PERMITS AND LICENSES, PAY ALL CHARGES & FEES AND GIVE ALL NOTICES NECESSARY & INCIDENTAL TO THE DUE LAWFUL PROSECUTION OF THE WORK.
- CONTRACTOR SHALL NOTIFY PERTINENT UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION FOR CURRENT UTILITY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

# BID ALTERNATE NO. 3 NOTES:

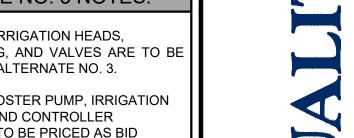
- ALL OUTFIELD IRRIGATION HEADS, LATERAL PIPING, AND VALVES ARE TO BE PRICED AS BID ALTERNATE NO. 3.
- IRRIGATION BOOSTER PUMP, IRRIGATION CONTROLLER AND CONTROLLER ACCESSORIES TO BE PRICED AS BID ALTERNATE NO. 3.

# UTILITY NOTE:

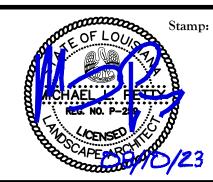
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RRIG



Drawn By: AUGUST 10, 2023

23-055 Project No.:

L9.3

SITE BUILT BOOSTER PUMP STATION

FX-IR-FX-AUXEQ-09