ST. JOHN THE BAPTIST PARISH
UTILITIES GENERATOR REPLACEMENT PROJECT
A/E PROJECT NO. 102-1667
FEBRUARY 2024

ST. JOHN THE BAPTIST PARISH COUNCIL
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LENNIX MADETE, JR.  COUNCILMAN AT-LARGE DIVISION A
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WARRICK "BOSSO" TORRES  COUNCILWOMAN DISTRICT 2
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ROBERT ARCURI  COUNCILMAN DISTRICT 5
VERNON BAILEY, SR.  COUNCILWOMAN DISTRICT 6
DIXIE RAMIREZ  COUNCILWOMAN DISTRICT 7

DIGITAL ENGINEERING & IMAGING, INC.
527 W. ESPLANADE AVE., STE. 200
KENNER, LA. 70065 - PH. (504) 468-6129

VICINITY MAP
### PROJECT SITE LOCATIONS

<table>
<thead>
<tr>
<th>SITE NO.</th>
<th>SITE NAME</th>
<th>ADDRESS</th>
<th>LAT</th>
<th>LONG</th>
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<tr>
<td>S-1</td>
<td>WOODLAND WATER TREATMENT PLANT</td>
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GENERAL NOTES

ST. JOHN THE BAPTIST PARISH
UTILITIES GENERATOR REPLACEMENT
102-1667 FEBRUARY 2024

PROJECT NO.
DATE
SCALE
SHEET NO.

527 W. ESPLANADE AVE., STE. 200 - KENNER, LA. 70065 - PH. (504) 468-6129

AS SHOWN

ELECTRICAL
1. CONTRACTOR SHALL REPORT TO THE PROJECT ENGINEER FOR THE COMPLETE SCOPE OF WORK.
2. INSTALLATION OF THE GENERATOR UNITS AND OTHER APPURtenances shall be performed by the CONTRACTOR in a workmanlike manner.
3. INSTALLATION OF THE GENERATOR UNITS AND OTHER APPURtenances shall be performed by the CONTRACTOR in a workmanlike manner.
4. INSTALLATION OF THE GENERATOR UNITS AND OTHER APPURtenances shall be performed by the CONTRACTOR in a workmanlike manner.
5. INSTALLATION OF THE GENERATOR UNITS AND OTHER APPURtenances shall be performed by the CONTRACTOR in a workmanlike manner.
6. INSTALLATION OF THE GENERATOR UNITS AND OTHER APPURtenances shall be performed by the CONTRACTOR in a workmanlike manner.

GEOPHYSICAL
7. INSTALLATION OF THE GENERATOR UNITS AND OTHER APPURtenances shall be performed by the CONTRACTOR in a workmanlike manner.
EXISTING WALL MOUNTED LIGHTING PANEL IN THE REVERSE OSMOSIS BUILDING TO BE UTILIZED TO INSTALL NEW POWER/ELECTRICAL SERVICE FOR EXISTING PORTABLE GENERATOR BATTERY CHARGER. (VERIFY LOCATION IN FIELD.) REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

CONTRACTOR TO INSTALL NEW CONCRETE PAD & ISOLATORS FOR EXISTING PORTABLE GENERATOR SET AND BATTERY CHARGER POWER/ELECTRICAL SERVICE CONDUIT RUNS. REFER TO RESPECTIVE PLAN DETAILS & ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION. (VERIFY LOCATION OF NEW PAD IN FIELD.)

CONTRACTOR TO REMOVE EXISTING AUTOMATIC TRANSFER SWITCH (ATS) CABINET & ASSOCIATED EQUIPMENT FROM THE MCC ROOM IN THE REVERSE OSMOSIS BUILDING AND DELIVER TO THE PARISH LAWDOWN YARD. CONTRACTOR TO INSTALL A NEW MANUAL TRANSFER SWITCH (MTS) CABINET & ASSOCIATED EQUIPMENT IN THE SAME LOCATION. IN ADDITION, CONTRACTOR TO RELOCATE THE EXISTING WALL MOUNTED DISCONNECT SWITCH FROM THE GENERATOR BUILDING PRIOR TO DEMOLITION ACTIVITIES TO THE REVERSE OSMOSIS BUILDING MCC ROOM FOR USE BY PARISH IF NECESSARY TO RECONNECT THE EXISTING PORTABLE GENERATOR UNIT DUE TO A POWER OUTAGE. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION. (VERIFY LOCATION IN FIELD.)

THE PARISH WILL BE RESPONSIBLE FOR THE TEMPORARY RELOCATION OF THE EXISTING PORTABLE GENERATOR UNIT IN ADDITION TO MOVING THE UNIT BACK TO THE ORIGINAL LOCATION FOLLOWING THE COMPLETION OF OTHER NECESSARY WORK. PARISH TO PROVIDE ALL EQUIPMENT, MATERIAL, AND LABOR TO CONNECT THE EXISTING PORTABLE GENERATOR UNIT IN THE EVENT OF A POWER OUTAGE. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOTE:
FOR THE WOODLAND WTP SITE ALL TEMPORARY POWER SHUTDOWNS OR INTERRUPTIONS SHALL BE PERFORMED AT NIGHTTIME AFTER 10:00 P.M. AND SHALL NOT EXCEED 24 HOURS IN DURATION UNLESS OTHERWISE AUTHORIZED BY THE ASSISTANT DIRECTOR OF UTILITIES. THE CONTRACTOR SHALL NOTIFY AND SCHEDULE ALL NIGHTTIME POWER INTERRUPTIONS A MINIMUM OF 2 WORKING DAYS IN ADVANCE WITH THE ASSISTANT DIRECTOR OF THE PARISH UTILITIES DEPARTMENT. THE CONTRACTOR SHALL ENSURE ALL NECESSARY MATERIALS, EQUIPMENT, AND PERSONNEL ARE AVAILABLE ON SITE PRIOR TO PERFORMING ANY WORK IN ELONGATION A TEMPORARY POWER INTERRUPTION. THE CONTRACTOR SHALL REMAIN ON SITE UNTIL ALL NECESSARY FACILITY POWER SYSTEMS ARE FULLY RESTORED AND CONFIRMED BY THE PARISH REPRESENTATIVE.
PHOTOS-EXTERIOR
WOODLAND WTP GENERATOR BUILDING
ST. JOHN THE BAPTIST PARISH
UTILITIES GENERATOR REPLACEMENT
102-1667
FEBRUARY 2024
WD-03
PROJECT NO.
DATE
SCALE
SHEET NO.

527 W. ESPLANADE AVE., STE. 200 - KENNER, LA. 70065 - PH. (504) 468-6129

AS SHOWN

KEYNOTES:
A. REMOVE EXISTING EMERGENCY GENERATOR SET EQUIPMENT AND OTHER COMPONENTS
B. REMOVE EXISTING FUEL TANK AND TANK SUPPORTS FROM CONCRETE SLAB
C. EXCAVATE CONCRETE SLAB AREA TO REMAIN AND PROTECTED DURING CONSTRUCTION
D. REMOVE PROPERLY DISPOSE EXISTING GENERATOR FUEL SUPPLY AND RETURN LINES
E. CONNECT EXISTING EMERGENCY GENERATOR BATTERIES AND RETURN TO OWNER
F. THE EXISTING GENERATOR BUILDING AT THE WOODLAND WATER TREATMENT PLANT SITE WILL BE DISMANTLED TO THE CONCRETE SLAB, INCLUDING BUT NOT LIMITED TO: CONCRETE MOLDIMED FUMED METAL PANEL, ROOF, VENTS, TURRETS, METAL WALL LININGS, METAL DOORS FRAMES, WINDOW UNITS, KITCHENS AND MECHANICAL SYSTEMS COMPONENTS NOT TO BE REMOVED AS PART OF THE PROJECT CONTRACTOR SHALL TAKE CAUTION WHEN REMOVING THE OAK BLOCK WALL AT THE BASE TO AVOID DAMAGE THE THE CONCRETE SLAB TO REMAIN. AFTER REMOVAL OF THE OAK BLOCK WALL, ANY EXCHANGED component should be cut flush with the top of slab. A CONCRETE EXHISTING TO THE CONCRETE SLAB SURFACE OR EDGES SHALL BE PAVED WITH A NON-SLIPPERING GRANIT OR OTHER APPROVED FACING MATERIAL
G. EXISTING METAL RAMP TO GENERATOR BUILDING TO REMOVE TO AND SAFELY STORED AT A LOCATION AS DETERMINED BY THE OWNER
H. EXISTING PORTABLE GENERATOR AND TRAILER ASSEMBLY TO BE REMOVED TO AND STORED AT A LOCATION AS DETERMINED BY THE CONTRACTOR
I. EXISTING PORTABLE ELECTRICAL DISTRIBUTION PANEL TO BE REMOVED TO AND STORED AT A LOCATION AS DETERMINED BY THE CONTRACTOR
J. REMOVE EXISTING GENERATOR BUILDING TO BE DISCONNECTED, REMOVED, INTACT, AND RETURNED TO THE OWNER

PHOTO 1 - WOODLAND WTP GENERATOR BUILDING EXTERIOR LOOKING FROM S-W CORNER
PHOTO 2 - WOODLAND WTP GENERATOR BUILDING EXTERIOR LOOKING AT SOUTH SIDE
PHOTO 3 - WOODLAND WTP GENERATOR BUILDING EXTERIOR LOOKING FROM E-CORNER
PHOTO 4 - WOODLAND WTP GENERATOR BUILDING EXTERIOR LOOKING FROM S-E CORNER
PHOTO 5 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR LOOKING FROM N-W CORNER
PHOTO 6 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR LOOKING FROM W-E CORNER

PHOTO 7 - Woodland Wtp Generator Building & Fuel Tank Exterior Looking From Nw Corner
PHOTO 8 - Woodland Wtp Generator Building & Fuel Tank Exterior Looking From We Corner

PHOTO 9 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR LOOKING FROM W-E CORNER
PHOTO 10 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR LOOKING FROM S-E CORNER

PHOTO 11 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR LOOKING FROM S-W CORNER
PHOTO 12 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR LOOKING FROM E-CORNER

PHOTO 13 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR ALONG NORTH SIDE (LOOKING WEST TO EAST)
PHOTO 14 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR ALONG EAST SIDE (LOOKING NORTHWEST)

PHOTO 15 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR ALONG SOUTH SIDE (LOOKING EAST TO WEST)
PHOTO 16 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR ALONG WEST SIDE (LOOKING SOUTHWEST)

PHOTO 17 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR ALONG NORTHWEST SIDE (LOOKING SOUTH TO NORTHWEST)
PHOTO 18 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR ALONG NORTHWEST SIDE (LOOKING SOUTH TO NORTHWEST)

PHOTO 19 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR ALONG SOUTHWEST SIDE (LOOKING EAST TO SOUTHWEST)
PHOTO 20 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR ALTERNATE LOOKING SOUTHWEST

PHOTO 21 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR ALTERNATE LOOKING E-W (LOOKING NORTH TO EAST)
PHOTO 22 - WOODLAND WTP GENERATOR BUILDING & FUEL TANK EXTERIOR ALTERNATE LOOKING E-W (LOOKING NORTH TO EAST)
REMARKS:
A. REMOVE EXISTING EMERGENCY GENERATOR SET EQUIPMENT AND OTHER COMPONENTS.
B. REMOVE EXISTING GENERATOR FUEL TANK AND TANK SUPPORTS FROM CONCRETE SLAB.
C. EXISTING FUEL TANK CONCRETE SLAB AREA TO REMAIN AND PROTECTED DURING CONSTRUCTION.
D. REMOVE AND PROPERLY DISPOSE EXISTING GENERATOR FUEL SUPPLY AND RETURN LINES.
E. DISCONNECT EXISTING EMERGENCY GENERATOR SWITCHES AND RETURN TO OWNER.
F. THE EXISTING GENERATOR BUILDING AT THE WOODLAND WATER TREATMENT PLANT SITE TO BE OBIQUOIZED TO THE EXISTING CONCRETE SLAB. REMOVING BUT NOT LIMITED TO, CMU BLOCK WALLS, WOOD FRAME METAL PANEL ROOF STRUCTURE, ROOF VENTS & TURBINES, METAL WALL LOUVRES, METAL DOORS/FRAMES, WINDOW UNITS/FRAMES, AND ELECTRICAL AND MECHANICAL SYSTEM COMPONENTS NOT TO包括 EXISTING ROOF TRUSS, WALL TIE-BACKS, EROSION CONTROL PLASTIC, ROOF TRIM, ROOFING, AND EXTERIOR WALLS. REMOVING THE CMU BLOCK WALL AT THE BASE TO AVOID DAMAGE TO THE CONCRETE SLAB TO REMAIN AFTER REMOVAL. ANY CMU WOOD WALL ANY EXPOSED REINFORCEMENT SHALL BE CUT FLUSH WITH THE TOP OF SLAB AND A CORROSION INHIBITOR SHALL BE APPLIED TO THE EDGES. ANY WALLS OR DAMAGED TO THE CONCRETE SLAB SURFACE OR EDGES SHALL BE PATCHED WITH A MINIMUM JUT OUT OF CMU APPROVED PATCHING MATERIAL.
G. EXISTING WATER TREATMENT PROCESS EQUIPMENT TO BE REMOVED AND SAFELY STORED AT A LOCATION AS DETERMINED BY THE OWNER.
H. EXISTING TEMPORARY PORTABLE GENERATOR AND TRAILER ASSEMBLY TO BE DELIVERED BY THE OWNER AS NEEDED TO FACILITATE OTHER WORK. COORDINATE WITH OWNER TO SCHEDULE RELLOCATION OF EXISTING TEMPORARY GENERATOR UNIT.
I. EXISTING WALL MOUNTED ELECTRICAL DISCONNECT SWITCH PANEL TO BE DISCONNECTED AND REMOVED TO THE MCB ROOM IN THE REVERSE OSMOSIS BUILDING PER THE ELECTRICAL SPECIFICATIONS.
J. EXISTING WOODFRAME BUILDING ON GENERATOR BUILDING TO BE DISCONNECTED, REMOVED INTEGRITY, AND RETURNED TO OWNER.

PHOTO 9 - WOODLAND WTP GENERATOR BUILDING ROOF STRUCTURE INTERIOR ALONG WEST WALL (LOOKING NORTH TO SOUTH)

PHOTO 10 - WOODLAND WTP GENERATOR BUILDING ROOF STRUCTURE INTERIOR ALONG EAST WALL (LOOKING SOUTH TO NORTH)

PHOTO 11 - WOODLAND WTP GENERATOR BUILDING ROOF STRUCTURE INTERIOR ALONG EAST WALL (LOOKING NORTH TO SOUTH)
SITE PLAN - LIONS WATER TREATMENT PLANT
ST. JOHN THE BAPTIST PARISH

PROJECT NO. LS-01
DATE FEBRUARY 2024
SCALE  AS SHOWN

LIONS WTP SITE MAP LEGEND:
A-Main Bldg.
B-Sediment Basin Bldg.
C1-Ground Storage Tank 1
C2-Ground Storage Tank 2
C3-Ground Storage Tank 3
D1-Clarifier 1
D2-Clarifier 2
E-High Service Pump Bldg.
F-Generator Bldg. & Fuel Tank
G1-Cover for Clearwell Pumps 1
G2-Cover for Clearwell Pumps 2
H-Old Filter Beds
I-Infection Assembly Bldg.

SEE SITE PLAN LS-02

ADN DOWMARK PROPERTY

AUTOMATIC TRANSFER SWIT (ATS)
TO BE INSTALLED (BY OTHERS) IN 2ND FLOOR ELECTRICAL ROOM OF MAIN BUILDING. (VERIFY LOCATION IN FIELD.)

MISSISSIPPI RIVER SIDE

2082 LA-44

HIGHWAY 44

ACCESS DRIVE

SERVICE ROAD

ACCESS GATE

& C (ASPH.)

(2400x204) SITE PLAN - LIONS WATER TREATMENT PLANT
ST. JOHN THE BAPTIST PARISH

PROJECT NO. LS-01
DATE FEBRUARY 2024
SCALE  AS SHOWN

LIONS WTP SITE MAP LEGEND:
A-Main Bldg.
B-Sediment Basin Bldg.
C1-Ground Storage Tank 1
C2-Ground Storage Tank 2
C3-Ground Storage Tank 3
D1-Clarifier 1
D2-Clarifier 2
E-High Service Pump Bldg.
F-Generator Bldg. & Fuel Tank
G1-Cover for Clearwell Pumps 1
G2-Cover for Clearwell Pumps 2
H-Old Filter Beds
I-Infection Assembly Bldg.

SEE SITE PLAN LS-02

ADN DOWMARK PROPERTY

AUTOMATIC TRANSFER SWIT (ATS)
TO BE INSTALLED (BY OTHERS) IN 2ND FLOOR ELECTRICAL ROOM OF MAIN BUILDING. (VERIFY LOCATION IN FIELD.)

MISSISSIPPI RIVER SIDE

2082 LA-44

HIGHWAY 44

ACCESS DRIVE

SERVICE ROAD

ACCESS GATE

& C (ASPH.)
EXISTING CMU BLOCK WALL, WOOD-FRAMED ASPHALT SHINGLE ROOF, AND ALL BUILDING DEMOLITION DEBRIS SHALL BE PROPERLY DISPOSED OF AT AN APPROVED OFF-SITE LOCATION. EXISTING GENERATOR EQUIPMENT (COMBINES MODEL OF FBM-375689S) TO BE DECOMMISSIONED, REMOVED, INTRICATELY DETAILED AND DELIVERED TO THE PARISH LAUDRON WARD FOR ELECTRICAL SPECIFICATIONS FOR DECOMMISSIONING OF GENERATOR EQUIPMENT. SEE PHOTO PLAN SHEETS FOR PHOTOS OF THE EXISTING GENERATOR BUILDING INTERIOR & EXTERIOR AREAS.

CONSTRUCTION TO FURNISH AND INSTALL NEW COMPLETE EMERGENCY GENERATOR SET, LOAD BANK, AND ALL ASSOCIATED EQUIPMENT ON EXISTING GENERATOR BUILDING CONCRETE SLAB. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

EXISTING UV ASSEMBLY-DEIONIZATION BLDG. (#100V10)

EXISTING WALL MOUNTED LIGHTING PANEL IN THE EXISTING GENERATOR BUILDING TO BE DISCONNECTED AND SAFELY STORED FOR REUSE. CONTRACTOR TO INSTALL NEW ELECTRICAL SERVICE RACK FOR RENSTALL OF EXISTING LIGHTING PANELS AND INSTALLATION OF NEW RECEPTACLE. NEW ELECTRICAL SERVICE PANEL TO BE INSTALLED IN THE EXISTING CONCRETE SLAB IN THE SAME LOCATION AS THE EXISTING LIGHTING PANELS. IN ADDITION, THE CONTRACTOR WILL NEED TO PROVIDE TEMPORARY POWER FROM AN AVAILABLE EXISTING CIRCUIT TO THE EXISTING EFFLUENT FLOW METER LOCATED IN ROOM E OF THE UV BUILDING UNTIL SUCH TIME THE POWER CAN BE RECONNECTED TO THE LIGHTING PANELS. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

APPROXIMATE LOCATION OF EXIST. 15" ABOVE GROUND WATERRLINE, FIELD VERIFY PRIOR TO CONSTRUCTION.

INSTALL NEW LIGHT POLE & FOUNDATION. SEE PLAN DETAILS AND ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION. (VERIFY LOCATION IN FIELD.)

APPROXIMATE LOCATION OF EXIST. 15" RAW WATERRLINE, FIELD VERIFY PRIOR TO CONSTRUCTION.

NOTE: PARISH TO PROVIDE & TRANSPORT TO THE SITE A TEMPORARY EMERGENCY GENERATOR FOR FACILITY BACK-UP POWER UNTIL THE NEW EMERGENCY GENERATOR SET IS INSTALLED & OPERATIONAL. PARISH TO PROVIDE ALL EQUIPMENT, MATERIAL, AND LABOR TO INSTALL AND CONNECT THE TEMPORARY EMERGENCY GENERATOR TO THE EXISTING AUTOMATIC TRANSFER SWITCH IN THE MAIN BUILDING TO BE INSTALLED BY OTHERS. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
PHOTOS-EXTERIOR
LIONS WTP GENERATOR BUILDING
ST. JOHN THE BAPTIST PARISH
UTILITIES GENERATOR REPLACEMENT
102-1667
FEBRUARY 2024
LS-03
PROJECT NO.

527 W. ESPLANADE AVE., STE. 200 - KENNER, LA. 70065 - PH. (504) 468-6129
AS SHOWN

PHOTO 1 - LIONS WTP GENERATOR BLDG. EXTERIOR LOOKING FROM SE CORNER
PHOTO 2 - LIONS WTP GENERATOR BLDG. EXTERIOR LOOKING FROM SW CORNER

PHOTO 3 - LIONS WTP GENERATOR BLDG. EXTERIOR ALONG WEST SIDE (LOOKING SOUTH TO NORTH)
PHOTO 4 - LIONS WTP GENERATOR BLDG. & FUEL TANK EXTERIOR FACING WEST SIDE
PHOTO 5 - LIONS WTP GENERATOR BLDG. & FUEL TANK EXTERIOR FROM NW CORNER

PHOTO 6 - LIONS WTP GENERATOR BLDG. & FUEL TANK EXTERIOR FROM NE CORNER
PHOTO 7 - LIONS WTP GENERATOR BLDG. & FUEL TANK EXTERIOR FACING EAST SIDE
PHOTO 8 - LIONS WTP GENERATOR BLDG. & FUEL TANK EXTERIOR ALONG NORTH SIDE (LOOKING EAST TO WEST)
NOTE: PARENH TO PROVIDE & TRANSPORT TO THE SITE A TEMPORARY EMERGENCY GENERATOR FOR FACILITY BACK-UP POWER UNTIL THE NEW EMERGENCY GENERATOR SET IS INSTALLED & OPERATIONAL. PARENH TO PROVIDE ALL EQUIPMENT, MATERIAL, AND LABORS TO INSTALL AND CONNECT THE TEMPORARY EMERGENCY GENERATOR SET TO THE EXISTING AUTOMATIC TRANSFER SWITCH. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

EXISTING CONCRETE GENERATOR SLAB (APPROX. 25'-6" L x 12'-0" W) TO REMAIN. EXISTING GENERATOR EQUIPMENT (CAT PILLAR MODEL SR-4) TO BE DECOMMISSIONED, REMOVED INTACT, AND DELIVERED TO THE PARENH LAYDOWN YARD. REFER TO ELECTRICAL SPECIFICATIONS FOR DECOMMISSIONING OF GENERATOR EQUIPMENT. SEE PHOTO PLAN SHEETS FOR PHOTOS OF THE EXISTING GENERATOR & SLAB AREA. CONTRACTOR TO FURNISH AND INSTALL NEW COMPLETE EMERGENCY GENERATOR SET, LOAD BANK, AND ALL ASSOCIATED EQUIPMENT ON EXISTING CONCRETE SLAB. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

CONTRACTOR TO REMOVE EXISTING AUTOMATIC TRANSFER SWITCH (ATS) CABINET & ASSOCIATED EQUIPMENT FROM THE MCC1 BUILDING AND INSTALL A NEW AUTOMATIC TRANSFER SWITCH (ATS) CABINET & ASSOCIATED EQUIPMENT IN THE SAME LOCATION. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION. THE CONTRACTOR MUST HAVE MATERIALS AVAILABLE AT THE SITE PRIOR TO STARTING THE ATS EQUIPMENT REPLACEMENT. ALL WORK ASSOCIATED WITH THE REMOVAL OF THE EXISTING AND COMPLETE INSTALLATION OF THE NEW ATS EQUIPMENT MUST BE COMPLETED IN A 24-HOUR PERIOD.

EXISTING 4,000 GALLON FUEL TANK & CONCRETE SLAB (APPROX. 15' x 6'-0") REMAIN. CONTRACTOR TO REMOVE & REPLACE FUEL SUPPLY & RETURN LINES, INSTALL AND CONNECT NEW FUEL LINES TO NEW EMERGENCY GENERATOR. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION. THE PARENH WILL BE RESPONSIBLE FOR DRAWING THE FUEL LINES & VENT HOSES AND DISPOSAL OF ANY FUEL. SEE PHOTO PLAN SHEETS FOR PHOTOS OF FUEL TANK AREA.

NOTE: FOR THE RIVER ROAD WWTP TEMPORARY POWER SHUTDOWN, ALL SITE WORK MUST BE PERFORMED DURING DRY WEATHER CONDITIONS AFTER 10:00 P.M. AND SHALL NOT EXCEED 2 HOURS DURATION, UNLESS OTHERWISE AUTHORIZED BY THE ASSISTANT DIRECTOR OF UTILITIES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SCHEDULING SHUTDOWN WORK A MINIMUM OF 2 WORKING DAYS IN ADVANCE DURING THE ACCEPTABLE TIMES AND WEATHER CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE PARENH & ENGINEER IN ADVANCE OF THE SCHEDULED WORK AND OF ANY SUBSEQUENT CHANGES.

IN ADDITION, ALL TEMPORARY POWER SHUTDOWNS OR INTERRUPTIONS SHALL BE PERFORMED AT NIGHTTIME AFTER 10:00 P.M. AND SHALL NOT EXCEED 2 HOURS DURATION FOR ALL SITES, UNLESS OTHERWISE AUTHORIZED BY THE ASSISTANT DIRECTOR OF UTILITIES. THE CONTRACTOR SHALL NOTIFY AND SCHEDULE ALL NIGHTTIME POWER INTERRUPTIONS A MINIMUM OF 1 WORKING DAY IN ADVANCE WITH THE ASSISTANT DIRECTOR OF UTILITIES. THE CONTRACTOR SHALL ENSURE ALL NECESSARY MATERIALS, EQUIPMENT, AND PERSONNEL ARE AVAILABLE ON SITE PRIOR TO PERFORMING ANY WORK EXTINGUISHING A TEMPORARY POWER INTERRUPTION. THE CONTRACTOR SHALL REMAIN ON SITE UNTIL ALL NECESSARY FACILITY POWER SERVICES ARE FULLY RESTORED AND CONFIRMED BY THE PARENH REPRESENTATIVE.
KEYNOTES:
A. REMOVE EXISTING EMERGENCY GENERATOR SET AND OTHER COMPONENTS, PURCHASE AND INSTALL NEW COMPLETE EMERGENCY GENERATOR SET, LOAD BANK, AND ALL ASSOCIATED EQUIPMENT ON EXISTING CONCRETE SLAB.
B. EXISTING GENERATOR FUEL TANK AND CONCRETE SLAB CONTAINMENT AREA TO REMAIN AND PROTECTED DURING CONSTRUCTION.
C. REMOVE & REPLACE GENERATOR FUEL SUPPLY AND RETURN LINES, INSTALL AND CONNECT NEW FUEL LINES TO NEW EMERGENCY GENERATOR AND EXISTING FUEL TANK INCLUDING NEW VALVES.
D. INCLUDE THE REMAINING REMARKS PRODUCED DURING CONSTRUCTION.
E. EXISTING MCH BUILDING/FACTORIES INSTALL NEW AUTOMATIC TRANSFER SWITCH (ATS) PER ELECTRICAL DRAWINGS AND SPECIFICATIONS, REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS FOR THE INSTALLATION OF THE NEW ATS.

PHOTO 1 - RIVER ROAD WWTP EXIST GENERATOR & SLAB
EXTERIOR LOOKING FROM SW CORNER.

PHOTO 2 - RIVER ROAD WWTP EXIST GENERATOR & SLAB
EXTERIOR LOOKING FROM NW CORNER.

PHOTO 3 - RIVER ROAD WWTP EXIST GENERATOR & SLAB
EXTERIOR LOOKING FROM NE CORNER.

PHOTO 4 - RIVER ROAD WWTP EXIST GENERATOR & SLAB
EXTERIOR LOOKING FROM SE CORNER.

PHOTO 5 - RIVER ROAD WWTP EXIST FUEL TANK & SLAB
EXTERIOR LOOKING FROM NW CORNER.

PHOTO 6 - RIVER ROAD WWTP EXIST FUEL TANK & SLAB
EXTERIOR LOOKING FROM NW CORNER.

PHOTO 7 - RIVER ROAD WWTP EXIST FUEL TANK & SLAB
EXTERIOR LOOKING FROM SE CORNER.

PHOTO 8 - RIVER ROAD WWTP EXIST FUEL TANK & SLAB
EXTERIOR LOOKING FROM SE CORNER.

PHOTO 9 - RIVER ROAD WWTP EXIST FUEL TANK & SLAB
EXTERIOR LOOKING FROM NW CORNER.

PHOTO 10 - RIVER ROAD WWTP EXIST FUEL TANK & SLAB
EXTERIOR LOOKING FROM SW CORNER.

PHOTO 11 - RIVER ROAD WWTP EXIST FUEL TANK & SLAB
EXTERIOR LOOKING FROM NE CORNER.

PHOTO 12 - RIVER ROAD WWTP MCH BUILDING
LOOKING FROM NW CORNER.

527 W. ESPLANADE AVE., STE. 200 - KENNER, LA. 70065 - PH. (504) 468-6129

AS SHOWN
NOTES:
1. ELECTRICAL INSTALLATION SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NEC), NFPA, AND OTHER STATE AND LOCAL CODES.
2. THE CONDUIT SYSTEM, ALL ELECTRICAL EQUIPMENT, ALL STEEL CONNECTORS, ETC., SHALL BE CORRECT TO THE DRAWING DESCRIBED FOR ARTICLE 2 OF THE NATIONAL ELECTRIC CODE.
3. THE LAYOUT SHOWN IS FOR MONETARY PURPOSES ONLY. FINAL LAYOUT IS SUBJECT TO CONTRACTOR's APPROVAL.
4. THE CONTRACTOR'S EQUIPMENT REQUIREMENTS MAY AFFECT THE FINAL LAYOUT. THE CONTRACTOR'S EQUIPMENT SHALL MEET ALL APPLICABLE CODES AND BE SUBJECT TO APPROVAL BY THE BRAND AND CODES.
5. THE PANEL WILL BE INSTALLED IN AN OUTDOOR ENCLOSURE.

AS SHOWN
LIGHTING PANEL
RECEPTACLE WITH COVER
3/4" CONDUIT
1" CONDUIT
#8 AWG WIRE, GREEN INSULATION
GROUND ROD CLAMP
5/8" COPPER COATED STEEL GROUND ROD
8' - 0" PANEL RACK LAYOUT

St. John the Baptist Parish
Utilities Generator Replacement Project
Lions WTP, SJBP, Louisiana

Digital Engineering
Consulting Engineers
527 W. Esplanade Ave. #200
Kenner, LA 70065

Drawn: D. T. Foglesong
Designed: D. T. Foglesong
Approved: [Signature]
Date: [Date]
Project No: [Project No]
Sheet E-002
Scale: N.T.S.
Revision: 0

8' - 0" PANEL RACK LAYOUT
FROM ENTERGY

WOODLAND WATER TREATMENT PLANT TO BUILDING

EMERGENCY GENERATOR

1000 A

NOTES:

1. EXISTING DEPARTMENTS (ELECTRICAL) WILL BE USED.

2. THE EMERGENCY PORTABLE GENERATOR WILL BE TEMPORARILY MOVED TO A NEW LOCATION ABOVE GENERATOR TO THE GENERATOR BUILDING THEN ADDED TO THE CURREN LOCATION AFTER GENERATOR SIZING IS COMPLETED.

HEALTH SAFETY SYSTEM

1. ENSURE THAT MAIN AND EMERGENCY POWER SUPPLIES ARE OFF AND LOCKED OUT BEFORE CONNECTING POWER SOURCE AND LINE.

2. INSTALL ALL AC AND DC MOUNTING POINTS AND WIRING TO PREVENT TRANSFER SYSTEM DEFICIENCY.

3. ENSURE THAT POWER CABLES AND LIDS ARE IDENTIFIED FOR USE TOGETHER.

4. ENSURE ALL CONDUCTORS ARE TOGETHER TO THE FUNCTION SPECIFIED, SINGLE VALUE.

5. USE PROVIDED KOUDOUTS ON THE WTS FOR POWER CABLE ENTRY.

6. CONDUIT SHOUL DBE USED TO PROVIDE SEPARATION BETWEEN THE MAIN AND GENERATOR SUPPLY CONDUCTORS MAKE THE CONNECTIONS.
FOR INFORMATIONAL PURPOSES ONLY, PLANS MAY NOT REFLECT BUILDING, UTILITIES, AND/OR EQUIPMENT CHANGES OR OTHER MODIFICATIONS PERFORMED DURING OR AFTER CONSTRUCTION. VERIFY ACTUAL SITE CONDITIONS IN FIELD.

NOTE:
1. ALL LBR 24" DO FULL HEIGHT OF WALL IN CONCRETE-CELL (TYP.)
2. 16" DEEP U-BLOCK 1/2 X #7 TIES CONCRETE IN CONCRETE-FILL (TYP.)
3. EXTEND 16" LAS O/T OPENING
4. INSTALL ALL THESE COILS AND REINFORCE 1/2" X 1/2" FULL HEIGHT PER TYPICAL WALL DETAIL THIS SHEET.

527 W. ESPLANADE AVE., STE. 200 - KENNER, LA. 70065 - PH. (504) 468-6129