PROJECT:
GEES MILL WTP HYPOCHLORITE GENERATION AND BRINE STORAGE MODIFICATIONS

CONSULTING ENGINEER:
ESI
3000 WILSON DRIVE, Suite 525
MARIETTA, GA 30062
PHONE: (770) 429-0001
FEBRUARY 2021
NOTES:

1. CONTRACTOR SHALL INSTALL A NEW WATER LINE TO THE HYPOCHLORITE GENERATION SYSTEM BUILDING FROM THE EXISTING 6-INCH POTABLE WATER LINE INSTALLED ALONG THE PLANT DRIVEWAY. MAKE CONNECTION TO THE EXISTING WATER MAIN USING A 1 1/2-INCH DOUBLE STRAP TAPPING SADDLE, EQUIVALENT TO SMITH-BLAIR, MODEL 313.

2. EXACT LOCATION OF THE CONNECTION TO THE EXISTING WATER MAIN AND CORE INTO THE BUILDING SHALL BE FIELD DETERMINED AND COORDINATED WITH RWR AND THE ENGINEER.

3. PROVIDE AN ISOLATION BALL VALVE IN A TRAFFIC RATED METER BOX AT THE CONNECTION TO THE EXISTING WATER MAIN.

4. PROPOSED WATER LINE TO BE INSTALLED A MINIMUM OF 24-INCH BELOW GRADE. THE WATER LINE IS TO REMAIN BELOW GRADE FOR THE PENETRATION INTO THE HYPOCHLORITE GENERATOR ROOM. IF NECESSARY, CONTRACTOR SHALL PROVIDE ADDITIONAL FILL MATERIAL ADJACENT TO THE BUILDING TO PROVIDE A MINIMUM OF 18 INCHES OF COVER OVER THE PIPE AND WALL PENETRATION. FILL SHALL BE PLACED TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING AND PREVENT PONDING OF WATER ON THE SITE.
GUARDRAILS

DETAIL

HANDRAIL ATTACHED TO GUARDRAIL SYSTEM

DETAIL

TYPICAL ALUM FRAMING CONNECTION

DETAIL

GUARDRAIL NOTES:
1. ALUMINUM EMBEDDED IN CONCRETE MUST BE PAINTED WITH ONE SHOP COAT OF HEAVY BITUMASTIC.
2. ALUMINUM SHAPES IN CONTACT WITH CONCRETE MUST BE SEPARATED BY 1/32" NEOPRENE GASKET OR ANY CASE WHERE TWO DIFFERENT METALS ARE TO BE IN CONTACT. A NEOPRENE GASKET MUST BE PROVIDED.
3. HANDRAILS, GUARDRAILS, POSTS, BRACKETS AND MOUNTINGS SHALL MEET INTERNATIONAL BUILDING CODE (IBC) AND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONS (OSHA) LOAD REQUIREMENTS.
5. ALL WALKWAYS SHALL USE GRATING UNLESS OTHERWISE SHOWN ELSEWHERE ON THE DRAWINGS. GRATING SHALL BE PLACED SUCH THAT OPENINGS AROUND GATES AND OTHER EQUIPMENT IS 2" MINIMUM.
6. BASE CONNECTIONS SHOW (4) FOUR ANCHOR PATTERN, (2) BOLT PATTERN WILL BE ACCEPTABLE GIVEN THE LOADING REQUIREMENTS SPECIFIED ARE SATISFIELD AND A MINIMUM OF 1/2" DIA SS ANCHORS/BOLTS ARE PROVIDED.
EXISTING FILL STATION PANEL

MANWAY W/ ACCESS LADDER

3" PVC
H2 VENT

2" PVC 12% SHC FILL LINE
3" PVC 0.8% SHC LINE

EXISTING DILUTION PANEL

2" PVC
SHC TO SHC PUMPS

2" PVC
SOFT WATER
TO DILUTION PANEL

EXISTING HYPOCHLORITE STORAGE TANK NO. 1

EXISTING HYPOCHLORITE STORAGE TANK NO. 2

NOTES:
1. THE EXISTING PIPING AND EQUIPMENT SHOWN ARE BASED ON THE AVAILABLE INFORMATION FOR THE EXISTING FACILITY. THE EXACT SIZING, LOCATIONS, AND CONFIGURATION OF THE EXISTING FACILITIES MAY BE DIFFERENT THAN SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE SIZE, LOCATION, AND CONFIGURATION OF EXISTING FACILITIES PRIOR TO BEGINNING WORK AND BEFORE PROCEEDING WITH IMPROVEMENTS.

2. THE EXISTING HYPOCHLORITE GENERATION SYSTEM SHALL REMAIN OPERATIONAL DURING THE PROJECT. SHORT PERIODS OF SHUTDOWNS OF THE SYSTEM MAY BE ALLOWED TO ACCOMMODATE TIE-INS OF THE PROPOSED PIPING AND EQUIPMENT. CONTRACTOR SHALL COORDINATE WITH OPERATIONS PERSONNEL A MINIMUM OF ONE (1) WEEK IN ADVANCE OF WHEN SHUTDOWNS WILL BE REQUIRED.

BAR BELOW IS 1" LONG FOR SCALES SHOWN ON THIS SHEET. IF NOT 1" LONG ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

PROJECT NUMBER: M101
PROJECT DATE: FEBRUARY 2021
DESIGNED BY: BDL
DRAWN BY: BDL
REVIEWED BY: BDL

EXISTING HYPOCHLORITE STORAGE TANK PLAN

M102

MATCHLINE - M102

EXISTING HYPOCHLORITE STORAGE TANK PLAN
1. The existing piping and equipment shown and the location of the existing equipment are based on the available information for the existing facility. The exact sizing, locations, and configuration of the existing facilities may be different than shown. It is the contractor's responsibility to field verify the size, location, and configuration of existing facilities prior to beginning work and determine if the proposed improvements require modification.

2. The existing hyochlorite generation system shall remain operational during the project. Short periods of shutdowns of the system may be allowed to accommodate tie-ins of the proposed piping and equipment. Contractor shall coordinate with operations personnel a minimum of one (1) week in advance when shutdowns will be required.
NOTES:
1. HYPOCHLORITE SOLUTION LINES SHALL BE INSTALLED TO ACCOMMODATE DRAINING OF THE OVERHEAD PIPES INTO THE HYPOCHLORITE STORAGE TANK AFTER SHUTDOWN OF THE GENERATORS.

2. ROUTING OF THE PROPOSED PIPING SHOWN ON THE DRAWINGS IS INTENDED TO PROVIDE A CONCEPT OF HOW THE PIPING IS TO BE ROUTED. FINAL ROUTING AND LOCATION OF THE PIPING SHALL BE DETERMINED IN THE FIELD AND APPROVED BY THE OWNER AND ENGINEER.

3. THE EXISTING SOFT WATER TO DILUTION PANEL AND THE EXISTING DILUTION PANEL ROUTING ON THE DRAWINGS IS SHOWN AS A CONCEPT OF HOW THE PIPING IS TO BE INSTALLED. THE FINAL ROUTING AND LOCATION OF THE PIPING SHALL BE DETERMINED IN THE FIELD AND APPROVED BY THE OWNER AND ENGINEER.

4. PIPE HANGERS AND SUPPORTS SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIFICATIONS. QUANTITIES AND LOCATIONS ARE TO BE DETERMINED IN THE FIELD AND SHALL NOT EXCEED THE ALLOWABLE SPACING SPECIFIED FOR THE PIPE HANGERS ON THIS SHEET.

5. CONTRACTOR SHALL REMOVE AND REPLACE THE EXISTING CEILING OVER THE HYPOCHLORITE STORAGE TANK AREA FOR INSTALLATION OF THE PIPE HANGERS AND SUPPORTS. ANY DAMAGE TO THE CEILING SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.

6. CONTRACTOR SHALL PROVIDE INSULATION OF ALL NEW SODIUM HYPOCHLORITE LINES INSTALLED OUTSIDE OF CONDITIONED SPACES. REPAIR EXISTING INSULATION WHERE CONNECTIONS ARE MADE TO THE EXISTING PIPING.

PROJECT NUMBER: M201
PROJECT DATE: FEBRUARY 2021
DESIGNED BY: 
DRAWN BY: 
REVIEWED BY: 
REVISION DATE:

MATCHLINE - M202

HYPOCHLORITE STORAGE TANK PLAN

BAR BELOW IS 1" LONG FOR SCALES SHOWN ON THIS SHEET. IF NOT 1" LONG ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
PROPOSED HYPOCHLORITE GENERATOR PLAN

**Floors:**
- **Existing:**
  - Water Softeners
  - Existing Water Softeners
- **Proposed:**
  - Water Softeners
  - Proposed Water Softeners

**Piping:**
- **Existing:**
  - 3" Sch 80 PVC
  - 2" PVC
- **Proposed:**
  - 3" Sch 80 PVC
  - 2" PVC
  - 1" PVC

**Brine Storage:**
- **Existing:**
  - Brine Storage Tank
- **Proposed:**
  - Proposed 10' Ø Brine Storage Tank

**Air:**
- **Proposed:**
  - 2" PVC Air
  - 6" PVC Air

**Hydrogen:**
- **Proposed:**
  - 2" PVC Hydrogen
  - 3" Sch 80 PVC Hydrogen

**Valves:**
- **Proposed:**
  - 2" PVC Valves
  - 6" PVC Valves

**Transformers:**
- **Proposed:**
  - Transformer/Rectifier

**Piping Details:**
- **Softened Water to Dilution Panel:**
  - Existing 3" Sch 80 PVC
  - Proposed 1" Sch 80 PVC
  - Proposed 10" Sch 80 PVC

**Other:**
- **Access Platform:** Not shown

**Construction:**
- **Proposed Concrete Foundation:**
  - 12" Diameter

**Scales:**
- **Drawings:**
  - Scales shown on this sheet.

**Notes:**
- Adjust scales accordingly.
- Bar below is 1" long for exterior face.
- Dimensions are 3/8" = 1'-0".

**Drawn By:**
- Blasella

**Project Information:**
- **Date:** February 2021
- **Number:** M201
- **File:** L:\Rockdale County\Gees Mills WTP On-site Hypochlorite Gen\Dwg\Sheets\MS- Hypo Gen Building Proposed.dwg
EXISTING 3" 0.8% SHC LINE
2" PVC
SOFTENED WATER TO DILUTION PANEL FROM EXISTING WATER SOFTENERS
EXISTING CONTAINMENT WALL
PROPOSED 3" SCH 80 0.8% SHC LINE
PROPOSED 3" PVC
H2 VENT
BUILDING ENCLOSURE
PROPOSED 6" PVC
AIR
PROPOSED WATER SOFTENER NO. 3
EXISTING SHC STORAGE TANK NO. 2
EXISTING 3" PVC H2 VENT
EXISTING 3" 0.8% SHC LINE
PROPOSED HYPOCHLORITE GENERATOR AND TANK SECTION
M203
FEBRUARY 2021

NOTES:
1. HYPOCHLORITE SOLUTION LINES SHALL BE INSTALLED TO ACCOMMODATE DRAINING OF THE OVERHEAD PIPES INTO THE HYPOCHLORITE STORAGE TANKS AFTER SHUTDOWN OF THE GENERATORS.
2. ROUTING OF THE PROPOSED PIPING SHOWN ON THE DRAWINGS IS INTENDED TO PROVIDE A CONCEPT OF HOW THE PIPING IS TO BE ROUTED. FINAL ROUTING AND LOCATION OF THE PIPING SHALL BE DETERMINED IN THE FIELD AND APPROVED BY THE OWNER AND ENGINEER.
3. TIE-INS TO EXISTING HYDROGEN VENTILATION LINE ARE TO BE COORDINATED WITH THE OPERATIONS PERSONNEL TO PREVENT ANY EXCESS LOSS OR SPILLAGE OF HYDROGEN GAS DURING THE TIE-IN.
4. PIPE HANGERS AND SUPPORTS SHALL BE PROVIDED IN ACCORDANCE WITH THE DRAWINGS. QUANTITIES AND LOCATIONS ARE TO BE DETERMINED IN THE FIELD AND APPROVED BY THE OWNER AND ENGINEER.
5. CONTRACTOR SHALL REMOVE AND REPLACE THE EXISTING CEILING OVER THE HYPOCHLORITE STORAGE TANK AREA FOR INSTALLATION OF THE PIPE HANGERS AND SUPPORTS. ANY DAMAGE TO THE CEILING SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
6. PIPE HANGERS BETWEEN THE PROPOSED EXISTING PIPING ARE IDENTIFIED TO PROVIDE THE INSTALLATION OF THE CONFLICT.
7. NEXT DRAWING TO SCALE WITH EXISTING PIPING, THIS TO PROVIDE THE AIR HEAT TRACED AND INSULATED TO MATCH THE EXISTING PVC PIPE TIES.
NOTES:
1. HYPOCHLORITE SOLUTION LINES SHALL BE INSTALLED TO ACCOMMODATE DRAINING OF THE OVERHEAD PIPES INTO THE HYPOCHLORITE STORAGE TANKS AFTER SHUTDOWN OF THE GENERATORS.
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3. THE PROPOSED HYDROGEN DILUTION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH THE MANUFACTURER’S REQUIREMENTS. ALL MACHINES SHOULD BE LISTED AND MARKED TO THE UL STANDARD OF HYDROGEN GENERATION.
4. PIPE HANGERS AND SUPPORTS SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIFICATIONS, QUANTITIES AND LOCATIONS SHOWN ON THE DRAWINGS. QUANTITIES AND LOCATIONS ARE TO BE DETERMINED IN THE FIELD AND SHALL NOT EXCEED THE ALLOWABLE SPACING SPECIFIED ON THE DRAWINGS.
5. WHERE CONFLICTS BETWEEN THE PROPOSED AND EXISTING PIPING ARE IDENTIFIED, CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
6. ALL PENETRATIONS THROUGH THE METAL BUILDING OR METAL ROOFING SHALL BE SEALED WATERTIGHT.
7. ALL PENETRATIONS THROUGH THE METAL BUILDING OR METAL ROOFING SHALL BE SEALED WATERTIGHT.

SCALE:
SECTION M202
3/8" = 1'-0"
CONCRETE EPOXY OR EXPANSION ANCHORS AS REQUIRED
ANVIL FIG. 52 PIPE SUPPORT OR EQUIVALENT
ANVIL FIG. 590SS CLEVIS HANGER OR EQUIVALENT
DOUBLE NUTS REQUIRED
LENGTH AS REQUIRED
EXISTING WATER MAIN
ROUTE SERVICE LATERAL TO DESTINATION
MALE X FEMALE CORP. STOP
POSITION TAPPING SADDLE AT ANGLE TO DESTINATION

SCALE: 3/4" = 1'-0"

PIPE HANGER DETAIL
3/4" = 1'-0"

TAPPING SADDLE DETAIL
3/4" = 1'-0"
NOTES:
1. INSTALL FILTER AFTER ANY ASPHALT PAVEMENT INSTALLATION.
2. WRAP 8" CONCRETE BLOCKS IN FILTER FABRIC AND SPAN ACROSS CATCH BASIN INLET.
3. FACE OPENINGS IN BLOCKS OUTWARD.
4. LEAVE A GAP OF APPROXIMATELY 4 INCHES BETWEEN THE CURB AND THE FILTERS TO ALLOW FOR OVERFLOW TO PREVENT HAZARDOUS PONDING.
5. INSTALL OUTLET PROTECTION BELOW STORM DRAIN OUTLETS.
LITTLE RISK TO STORM WATER CONTAMINATION (SUCH AS FINAL PRODUCTS AND MATERIALS INTENDED FOR OUTDOOR USE).

- AFTER HOURS ACTIVITY - (770)-278-7450

CONYERS, GA. 30013

ROCKDALE WATER RESOURCES

FILLS MAY NOT ENCROACH UPON NATURAL WATERCOURSES OR CONSTRUCTED CHANNELS IN A MANNER SO AS TO INTERMITTENT STEAMS AND OTHER WATER BODIES, OR (B) WHERE ANY SUCH SPECIFIC IDENTIFIED PERENNIAL OR INTERMITTENT STREAM AND OTHER WATER BASINS, SILT TRAPS, OR SIMILAR MEASURES UNTIL THE DISTURBED AREA IS STABILIZED.

TO THE EXTENT NECESSARY, SEDIMENT IN RUN-OFF WATER MUST BE TRAPPED BY THE USE OF DEBRIS BASINS, SEDIMENT OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS OF THE GA. DEPT. OF TRANSPORTATION, SPECIFICATIONS FOR THE CONSTRUCTION OF ROADS AND BRIDGES, CURRENT EDITION, AND LATEST SUPPLEMENT IN EFFECT AT THE TIME OF BID OPENING OR THE MANUAL FOR PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS, AND TARS WILL BE INSPECTED FOR LEAKS AND SPILLS. THIS INCLUDES ONSITE VEHICLES AND MACHINERY DAILY INSPECTIONS AND REGULARLY.

PRODUCT SPECIFIC PRACTICES

- USE OF READYLY AVAILABLE NATIVE PLANT MATERIALS TO MAINTAIN AND ENHANCE THE EROSION CONTROL PROJECT NARRATIVE

PERVERSE SEEDING) THE PROJECT INCLUDES APPROXIMATELY 130 LINEAR FEET OF SILT FENCE WHICH WILL PROVIDE STORAGE OF PARTICLES IN SOLUTION.

A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION.

AN EXPANSIVE SOIL ADDITIVE AND EMBALLER USED TO REINFORCE CONSTRUCTION EXITS PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.

A TEMPORARY WATER DRAINAGE INLET. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A DUAL WALL SYSTEM TO SERVE AS A TEMPORARY SEDIMENT FILTER.

A WALL INSTALLED TO STABILIZE CUT AND FILL SLOPES WHERE MAXIMUM PERMISSIBLE SLOPES CANT BE MAINTAINED.

A VERTICAL TRENCH OR Ditch LINED WITH PLASTIC TO PREVENT EROSION AND STABILIZE THE CUT OR FILL AREAS.

A PROTECTIVE COVERING USED TO PROTECT UNDISTURBED VEGETATION OR WITHIN 25- FEET OF THE COASTAL MARSHLAND AREAS.)

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### VEGETATIVE COVERS

<table>
<thead>
<tr>
<th>MONTH</th>
<th>SEEDING</th>
<th>FERTILIZATION</th>
<th>LIME</th>
<th>MULCHING ONLY</th>
<th>DISTURBED AREAS</th>
<th>PERMANENT VEGETATION</th>
<th>TEMPORARY &amp; PERMANENT GRASSING</th>
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### VEGETATIVE COVERS STABILIZATION WITH TEMPORARY SEEDING

1. **Disturbed Areas Stabilization with Temporary Seeding**
   - **Plants**
     - **Perennials**: Erosion control, visible appearance, and biodiversity.
     - **Annuals**: Quick growth and easy maintenance.
   - **Mixtures**: Mixtures are recommended to maximize benefits and minimize costs.

### VEGETATIVE COVERS STABILIZATION WITH PERMANENT SEEDING

2. **Disturbed Areas Stabilization with Permanent Seeding**
   - **Plants**
     - **Perennials**: Erosion control, visible appearance, and biodiversity.
     - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

3. **Mulching Only**
   - **Plants**
     - **Perennials**: Erosion control, visible appearance, and biodiversity.
     - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

4. **Mulching Only**
   - **Plants**
     - **Perennials**: Erosion control, visible appearance, and biodiversity.
     - **Annuals**: Quick growth and easy maintenance.

### VEGETATIVE COVERS STABILIZATION WITH PERMANENT SEEDING

5. **Disturbed Areas Stabilization with Permanent Seeding**
   - **Plants**
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### VEGETATIVE COVERS STABILIZATION WITH TEMPORARY SEEDING

6. **Disturbed Areas Stabilization with Temporary Seeding**
   - **Plants**
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     - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

7. **Mulching Only**
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### MULCHING ONLY

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      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

19. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

20. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

21. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

22. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

23. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

24. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

25. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

26. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

27. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

28. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

29. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.

### MULCHING ONLY

30. **Mulching Only**
    - **Plants**
      - **Perennials**: Erosion control, visible appearance, and biodiversity.
      - **Annuals**: Quick growth and easy maintenance.
### Electrical Legend & Notes

#### General Notes:
- **Date:** October 2020
- **Title:** GEES MILL WTP HYPOCHLORITE GENERATION AND BRINE TANK STORAGE MODIFICATIONS

#### Legend:
- **Legend Description:**
  - **Legend Symbol:** Various symbols for electrical equipment and elements.
  - **Legend Description:** Descriptions of the symbols for better understanding.

#### Notes:
- **For Review:**
  - Specific notes for review purposes.

#### Project Details:
- **Project Number:**
- **Project Date:**
- **Designed By:**
- **Drawn By:**
- **Reviewed By:**
- **Revision Date:**

### Suite A
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DULUTH, GEORGIA 30097

EDEC, INC.

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- **Last Modified:** 12/29/2020 3:34 PM
- **By:** ANDRI

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### Diagram:
- **Diagram Description:**
  - Various sections of the electrical diagram with annotations and symbols.
  - Detailed view of the electrical system with connections and device placements.
BAR BELOW IS 1" LONG FOR SCALES SHOWN ON THIS SHEET. IF NOT 1" LONG ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

PROJECT NUMBER:
PROJECT DATE:
DESIGNED BY:
DRAWN BY:
REVIEWED BY:

X:\Active Projects\2020 Projects\20076-RW Gees Mill WTP Hypochlorite System\1.0 Drawings\1.1 Electrical\E-2 ONE LINE DIAGRAM.dwg

OCTOBER 2020

FOR REVIEW

GEES MILL WTP HYPOCHLORITE GENERATION AND BRINE TANK STORAGE MODIFICATIONS
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POWER & GROUNDING PLAN

FOR REVIEW

GEES MILL WTP HYPOCHLORITE GENERATION AND BRINE TANK STORAGE MODIFICATIONS
SCHMATIC WIRING DIAGRAM
E-4
OCTOBER 2020

FOR REVIEW
GEES MILL WTP HYPOCHLORITE GENERATION
AND BRINE TANK STORAGE MODIFICATIONS

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Legend:
- ACT: Actuator
- LNK: Link
- LNKH: Link Highlight

 Zuschnitts-Erlass und Montage-Erlass

Datenbank- und Steuerungselemente

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-12/29/2020 3:34 PM

BY:
ANDRI

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PROJECT DATE:
DESIGNED BY:
DRAWN BY:
REVIEWED BY:

REVISED DATE

Professional No. 22613

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FOR REVIEW
GEES MILL WTP HYPOCHLORITE GENERATION AND BRINE TANK STORAGE MODIFICATIONS

SCHEMATIC WIRING DIAGRAM

E-5

OCTOBER 2020

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- 12/29/2020 3:34 PM

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PROJECT DATE: 
DESIGNED BY: 
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REVIEWED BY: 

REVISED DATE: 

PROFESSIONAL No. 22613 

REVIEWED FOR 

FOR REVIEW 

GEES MILL WTP HYPOCHLORITE GENERATION AND BRINE TANK STORAGE MODIFICATIONS

PARTIAL P&ID

OCTOBER 2020

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
INSTALLATION DETAILS
E-7
OCTOBER 2020

FOR REVIEW
GEES MILL WTP HYPOCHLORITE GENERATION
AND BRINE TANK STORAGE MODIFICATIONS