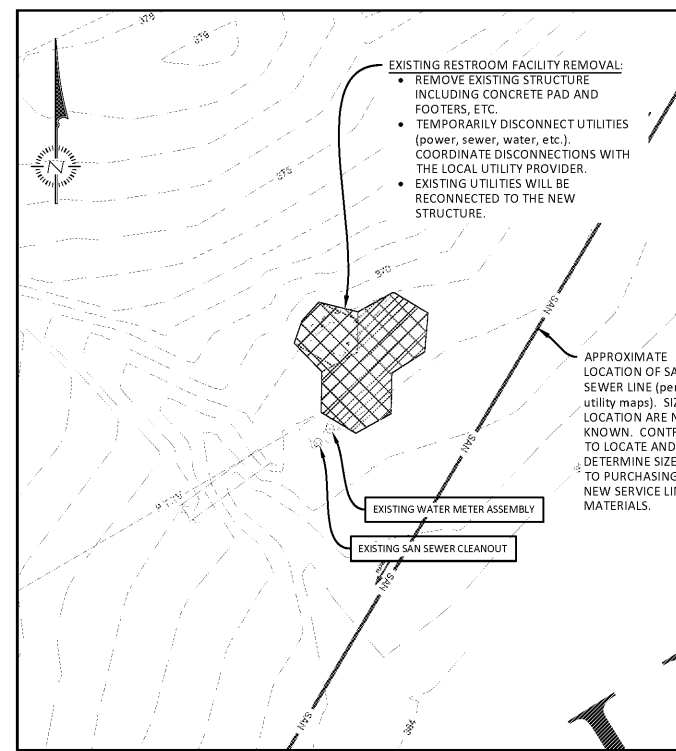


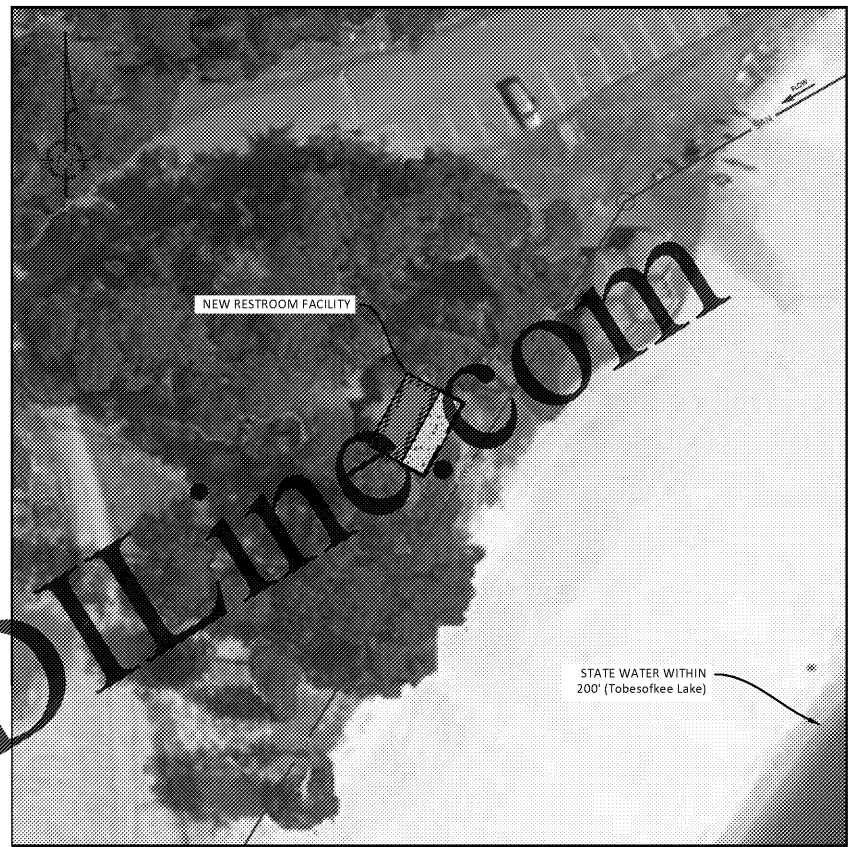
**SITE LAYOUT AND GRADING**

SCALE: 1" = 10'



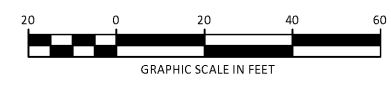
**DEMOLITION**

SCALE: 1" = 20'



**OVERALL LAYOUT**

SCALE: 1" = 30'



- WATER AND SANITARY SEWER UTILITY NOTES:**
- GENERAL (Contractor Responsibilities):
    - REPAIR EXISTING SIDEWALKS AND CURBS AS NECESSARY FOR WATER AND SEWER INSTALLATIONS.
    - A HORIZONTAL SEPARATION OF 10" SHALL BE MAINTAINED BETWEEN WATER LINES AND SANITARY SEWERS WHEN POSSIBLE. THE 10" SHALL BE MEASURED FROM EACH PIPE'S INSIDE EDGE TO EDGE. WHEN A WATER LINE MUST CROSS AND/OR TRAVEL A SEWER, THE WATER LINE FOR SEWER SHALL BE CALLED OUT AT THE TOP OF THE SEWER IS A MINIMUM OF 18" BELOW THE BOTTOM OF THE WATER LINE.
    - FOR BOTH THE WATER AND SEWER, REFER TO PLUMBING DRAWINGS FOR ALL CONNECTIONS AND ELEVATIONS INTO EACH STRUCTURE.
  - WATER SYSTEM (Domestic)
    - WATER SERVICE PIPING LESS THAN 4-INCH IN SIZE SHALL BE SCHEDULE 40 PVC (Pressure Pipe) UNLESS OTHERWISE NOTED.
    - ALL SCHEDULE 40 PVC PIPING AND FITTINGS SHALL BE SOLVENT WELDED.
    - MINIMUM COVER OVER TOP WATER SERVICE MAINS SHALL BE 36".
    - WATER SERVICE INSTALLATIONS SHALL BE IN ACCORDANCE WITH MACON WATER AUTHORITY SPECIFICATIONS.
    - CONTRACTOR SHALL SUPPLY ALL REQUIRED FITTINGS (adaptive fittings for dissimilar materials, bends, tees, connection with public meter assembly/well system, connection with building plumbing, etc.).
    - THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTING TO THE EXISTING WATER SERVICE, AND ALL ASSOCIATED PAVEMENT REMOVAL ASSOCIATED WITH THE SERVICE LINE RECONNECTION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL NEW SERVICE LINE BETWEEN THE CONNECTION POINT AND THE NEW STRUCTURE.
  - SANITARY SEWER SYSTEM:
    - SANITARY SEWER SERVICE PIPING SHALL BE PVC SDR 26 UNLESS OTHERWISE NOTED.
    - ALL SANITARY SEWER PIPING SHALL UTILIZE PVC CLEANOUTS AT ALL BENDS AND AT INTERVALS OF 75' ALONG STRAIGHT RUNS OF PIPE. CLEANOUTS SHALL BE BROUGHT FLUSH WITH THE FINISHED GRADE. IN GRASSED AREAS, THE CLEANOUT TOP SHALL BE FLUSH WITH THE TOP OF DIRT/BOTTOM OF GRASS, AND IT SHALL BE ENCASED IN A 12"x12"x4" CAST-IN-PLACE CONCRETE COLLAR.
    - SANITARY SERVICE INSTALLATIONS SHALL BE IN ACCORDANCE WITH MACON WATER AUTHORITY SPECIFICATIONS.
    - CONTRACTOR SHALL COORDINATE ALL INSTALLATION AND REVIEW APPROVAL ACTIVITIES WITH THE MWA INSPECTOR.
    - CONTRACTOR SHALL SUPPLY ALL REQUIRED FITTINGS (adaptive fittings for dissimilar materials, cleanout wyes, connection with public collection system/septic system, connection with building plumbing, etc.).
    - THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTING TO THE EXISTING SANITARY SERVICE, AND ALL ASSOCIATED PAVEMENT REMOVAL ASSOCIATED WITH THE SERVICE LINE RECONNECTION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL NEW SERVICE LINE BETWEEN THE CONNECTION POINT AND THE NEW STRUCTURE.

- SITE LAYOUT CONSTRUCTION NOTES:**
- INSTALL CONCRETE CONSTRUCTION JOINTS AT ALL PROJECT RELATED PREVIOUSLY POURED OR EXISTING CONCRETE CONNECTIONS.
  - REFER TO DETAILS REGARDING NEW CONCRETE JOINT SPACING AND METHODS.
  - ALL DIMENSIONS ARE TO THE FACE OF SIDEWALK, FACE OF BUILDING OR FACE OF CURB, UNLESS OTHERWISE NOTED.
  - THE NOTED ASPHALT PAVEMENT THICKNESS (including GAB) FOR THIS PROJECT IS BASED ON TYPICAL CONDITIONS. A SPECIFIC PAVEMENT THICKNESS RECOMMENDATION FROM A LICENSED GEOTECHNICAL ENGINEERING FIRM IS SUGGESTED. REEVES DESIGN SERVICES DOES NOT ASSUME RESPONSIBILITY FOR ANY NEW PAVEMENT FAILURES.

- SITE GRADING AND DRAINAGE CONSTRUCTION NOTES:**
- CONTRACTOR SHALL COORDINATE WITH GEOTECHNICAL REPORT/ENGINEER REGARDING SOIL FOUNDATION MATERIALS UNDERNEATH STRUCTURES AND ROADWAYS. UNDERCUTTING AND/OR SELECT BACKFILL MAY BE REQUIRED AT SELECT LOCATIONS ACROSS THE SITE.
  - MAXIMUM CROSS SLOPE WITHIN PEDESTRIAN CROSSWALKS SHALL NOT EXCEED 2%.
  - MINIMUM SLOPE AWAY FROM ALL STRUCTURES SHALL BE 5% FOR THE FIRST 6 FEET AS MEASURED FROM THE STRUCTURE'S BASE.
  - REAPPLY STRIPPED TOPSOIL TO DISTURBED AREAS SCHEDULED TO RECEIVE A GRASS/VEGETATIVE COVER FOLLOWING FINAL GRADING ACTIVITIES.
  - GENERAL FILL MATERIALS: ONSITE MATERIALS (stripped topsoil, excavated dirt, etc.) THAT ARE USED AS FILL SHALL NOT CONTAIN ANY ROCKS OR LIMPS IN EXCESS OF 1.5 INCHES IN DIMENSION. ONLY NATURAL STONE, CRUSHED CONCRETE AND EARTH MATERIALS SHALL BE USED AS FILL MATERIALS. NO TRASH/DEBRIS (i.e. metal, plastic, wood, glass, etc.) SHALL BE ALLOWED AS FILL. OWNER RESERVES THE RIGHT TO REJECT MATERIALS USED FOR FILL. ALL FILL DELIVERED FROM OFFSITE AREAS SHALL BE PREAPPROVED BY THE GEOTECHNICAL ENGINEER.

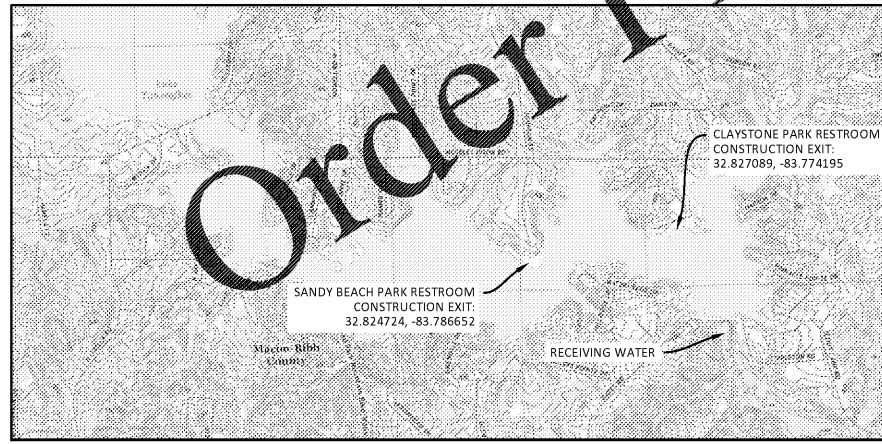
**SOIL SERIES NAMES AND MAP SYMBOLS**

|     |  |
|-----|--|
| Vd2 | VANCE SANDY CLAY LOAM (slopes 10% - 17%) |
| Hyc | HELENA SANDY LOAM (slopes 6% to 10%)     |

**Construction Schedule**

|   |                  |        |        |        |        |        |        |        |        |        |
|---|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Estimated Start Date:                           | April 1, 2020    |        |        |        |        |        |        |        |        |        |
| Estimated # of Construction Days:               | 300              |        |        |        |        |        |        |        |        |        |
| Estimate Completion Date:                       | January 26, 2021 |        |        |        |        |        |        |        |        |        |
| <b>Construction Item Description</b>            | Apr-20           | May-20 | Jun-20 | Jul-20 | Aug-20 | Sep-20 | Oct-20 | Nov-20 | Dec-20 | Jan-21 |
| Start of Construction:                          |                  |        |        |        |        |        |        |        |        |        |
| Install and Maintain Initial BMPs:              |                  |        |        |        |        |        |        |        |        |        |
| Cleaning and Grubbing:                          |                  |        |        |        |        |        |        |        |        |        |
| Install and Maintain Grading and Drainage BMPs: |                  |        |        |        |        |        |        |        |        |        |
| Site Grading Activities:                        |                  |        |        |        |        |        |        |        |        |        |
| Building Construction:                          |                  |        |        |        |        |        |        |        |        |        |
| Utility Installation:                           |                  |        |        |        |        |        |        |        |        |        |
| Install and Maintain Final BMPs:                |                  |        |        |        |        |        |        |        |        |        |
| Install Temporary Vegetation:                   |                  |        |        |        |        |        |        |        |        |        |
| Install Permanent Vegetation:                   |                  |        |        |        |        |        |        |        |        |        |
| Completion of Construction:                     |                  |        |        |        |        |        |        |        |        |        |

**ISSUED FOR REVIEW**  
January 14, 2020



**OVERALL DRAINAGE MAP**

N.T.S.

**DUNWODY/BEELAND, architects, inc.**

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**NEW RESTROOMS AT TOBESOFKEE PARKS FOR MACON-BIBB COUNTY**

MOSLEY DIXON ROAD MACON, GEORGIA

**Revisions:**

|  |  |
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|  |  |
|  |  |
|  |  |

**Sheet Title:**  
CLAYSTONE PARK RESTROOM

**Project #:** 1819 **Date:** 01/13/20

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**C7**