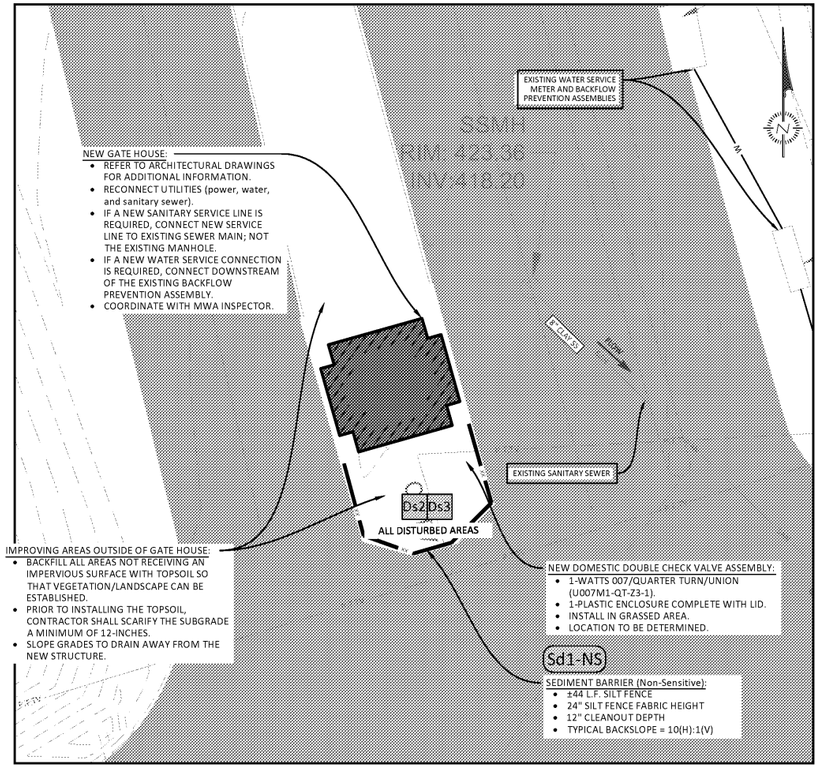
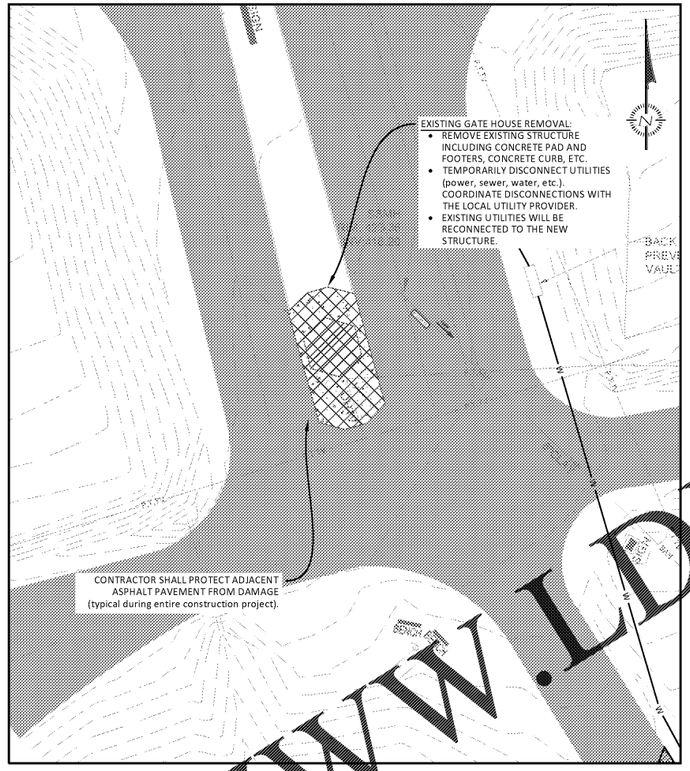


SITE LAYOUT AND GRADING

SCALE: 1" = 10'



DEMOLITION

SCALE: 1" = 20'

OVERALL LAYOUT

SCALE: 1" = 30'

10 0 10 20 30

GRAPHIC SCALE IN FEET

SITE GRADING AND DRAINAGE CONSTRUCTION NOTES:

1. 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.
2. MAXIMUM CROSS SLOPE WITHIN PEDESTRIAN CROSSWALKS SHALL NOT EXCEED 2%.
3. MINIMUM SLOPE AWAY FROM ALL STRUCTURES SHALL BE 5% FOR THE FIRST 6 FEET AS MEASURED FROM THE STRUCTURE'S BASE.
4. REAPPLY STRIPPED TOPSOIL TO DISTURBED AREAS SCHEDULED TO RECEIVE A GRASS/VEGETATIVE COVER FOLLOWING FINAL GRADING ACTIVITIES.
5. GENERAL FILL MATERIALS: ONSITE MATERIALS (stripped topsoil, excavated dirt, etc.) THAT ARE USED AS FILL SHALL NOT CONTAIN ANY ROCKS OR LUMPS 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.

WATER AND SANITARY SEWER UTILITY NOTES:

1. GENERAL (Contractor Responsibilities):
   - REPAIR EXISTING SIDEWALKS AND CURB/GUTTER AS NECESSARY FOR SERVICE (water and sewer) INSTALLATIONS.
   - A HORIZONTAL SEPARATION OF 10' SHALL BE MAINTAINED BETWEEN WATER LINES AND SANITARY SEWERS WHERE POSSIBLE. THE DISTANCE SHALL BE MEASURED FROM EACH PIPE'S INSIDE EDGE TO EDGE. WHEN A WATER LINE MUST CROSS AND/OR PARALLEL A SEWER, THE WATER LINE AND/OR SEWER SHALL BE LAID SUCH THAT THE TOP OF THE SEWER IS A MINIMUM OF 18" BELOW THE BOTTOM OF THE WATER LINE.
   - FOR BOTH THE WATER AND SEWER SYSTEMS, REFER TO PLUMBING DRAWINGS FOR SPECIFIC CONNECTION LOCATIONS AND ELEVATIONS INTO EACH STRUCTURE.
2. WATER SYSTEM (Domestic and Fire):
   - 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 OVERTOP 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 RECONNECTION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL NEW SERVICE LINE BETWEEN THE CONNECTION POINT AND THE NEW STRUCTURE.
3. 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:

1. INSTALL CONCRETE CONSTRUCTION JOINTS AT ALL PROJECT RELATED PREVIOUSLY POURED OR EXISTING CONCRETE CONNECTIONS.
2. REFER TO DETAILS REGARDING NEW CONCRETE JOINT SPACING AND METHODS.
3. ALL DIMENSIONS ARE TO THE FACE OF SIDEWALK, FACE OF BUILDING OR FACE OF CURB, UNLESS OTHERWISE NOTED.
4. *THE NOTED ASPHALT PAVEMENT THICKNESS (including all) 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.*

DEMOLITION CONSTRUCTION NOTES:

1. FIRE HYDRANTS, SIGNAGE, PAVEMENT AND CURBING OUTSIDE THE LIMITS OF CONSTRUCTION SHALL REMAIN. SIDEWALK, PAVEMENT AND /OR CURBS DAMAGED BY THE CONTRACTOR DURING THE CONSTRUCTION PROCESS SHALL BE REMOVED AND REPAIRED AT THE CONTRACTOR'S EXPENSE.
2. ALL PAVEMENT TO BE SAWCUT AT THE DEMOLITION LIMITS.
3. GRASS/TREE/VEGETATION REMOVAL:
   - A. GRASS, BRUSH, TREES, STUMPS AND ASSOCIATED ROOT SYSTEMS LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED. ALL TREES LOCATED OUTSIDE THE LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS THEIR ROOT SYSTEMS ARE SIGNIFICANTLY DISTURBED DURING THE CONSTRUCTION.
   - B. DISPOSE OF DEBRIS IN ACCORDANCE WITH LOCAL DEVELOPMENT SPECIFICATIONS.
4. UTILITIES DESIGNATED FOR DEMOLITION:
   - A. COORDINATE DEMOLITION OF UTILITIES (above and underground) WITH THE RESPECTIVE UTILITY PROVIDER. NOTIFY UTILITY PROVIDER A MINIMUM OF 48 HOURS PRIOR TO ABANDONING SERVICES. ABANDONMENT OF SERVICES SHALL BE IN ACCORDANCE WITH THE UTILITY PROVIDER'S REQUIREMENTS.
   - B. SANITARY SERVICES AND SEWERS:
     - EXCEPT FOR SELECT SANITARY SEWERS SCHEDULED TO REMAIN IN SERVICE, REMOVE SEWER LINE TO MANHOLE.
     - IF MANHOLE REMAINS, PLUG HOLE AND RECONSTRUCT MANHOLE FLOOR IN ACCORDANCE WITH MWA REQUIREMENTS.
     - IF MANHOLE DOES NOT REMAIN, REMOVE MANHOLE COMPLETELY AND BACKFILL IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS.
     - IF A NEW SANITARY SEWER TAP IS REQUIRED, A MWA APPROVED PVC TEE TAP SHALL BE UTILIZED.
     - ALL PRIVATE SEWER LATERALS THAT WILL BE ABANDONED SHALL BE REMOVED WITHIN 6" OF THE SANITARY SEWER MAIN. THE REMAINING LATERAL STUB SECTION SHALL BE CAPPED WITH AN EQUAL SIZED SCH. 40 PVC CAP (solvent weld connection). ONE 40# BAG OF QUICKRETE CONCRETE MIX SHALL BE PLACED DIRECTLY BEHIND EACH CAP. SEWER LATERALS SCHEDULED TO BE REUSED AT A LATER DATE SHALL BE HAVE A 6" STUBOUT THAT EXTENDS 24" ABOVE THE FINISHED GRADE.
     - EACH TERMINATION CAPPING SHALL BE WITNESSED BY A MWA INSPECTOR. NOTIFY INSPECTOR A MINIMUM OF 48 HOURS PRIOR TO ANY DEMOLITION/CONSTRUCTION ACTIVITIES.
   - C. ALL OPENED TRENCHES FROM THE DEMOLITION SHALL BE BACKFILLED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS OR THE UTILITY PROVIDER'S REQUIREMENTS.
   - D. UTILITIES SCHEDULED TO REMAIN IN SERVICE SHALL BE MARKED AND PROTECTED FROM DAMAGE DURING THE DEMOLITION PROCESS.

GENERAL CONSTUCTION NOTES

A. THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION ISSUED BY THE ASSOCIATION OF CONTRACTORS OF AMERICA, INC. AND THE SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION ISSUED BY THE U.S. DEPT OF LABOR.

B. IN EASEMENTS, THE CONTRACTOR SHALL PROTECT AND RESTORE SAID PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING AT THE COMMENCEMENT OF CONSTRUCTION.

C. THE DRAWINGS INDICATE UTILITIES OR OBSTRUCTIONS THAT ARE KNOWN TO EXIST ACCORDING TO THE BEST INFORMATION AVAILABLE TO THE OWNER. THE CONTRACTOR SHALL CALL THE UTILITIES PROTECTION CENTER (UPC) 1-800-282-7411 AS REQUIRED BY GEORGIA LAW (CODE SECTION 25-9-1 THROUGH 25-9-13) AND ALL UTILITIES, AGENCIES OR DEPARTMENTS THAT OWN AND/OR OPERATE UTILITIES IN THE VICINITY OF THE CONSTRUCTION WORK SITE AT LEAST 72 HOURS (THREE BUSINESS DAYS) PRIOR TO CONSTRUCTION TO VERIFY THE LOCATION OF THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF EXISTING UTILITIES, PUBLIC OR PRIVATE, SHOWN HEREON OR NOT SHOWN HEREON.

D. THE CONTRACTOR SHALL NOTIFY OWNERS OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.

E. ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE LOCAL REGULATORY AGENCY STANDARDS AND SPECIFICATIONS.

F. PRIOR TO STARTING CONSTRUCTION THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND OTHER AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY ANY REGULATORY AUTHORITY.

G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL SETBACKS AND OR EASEMENTS BEFORE BEGINNING CONSTRUCTION.

H. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE INSPECTORS, APPLICABLE GOVERNMENT AUTHORITIES, AND UTILITY COMPANIES AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY MACON-BIBB COUNTY REGULATORY AUTHORITIES AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION

- KEITH BRASWELL AT MACON-BIBB COUNTY ENGINEERING (478.621.6660).
- TRI VO AT MACON-BIBB COUNTY TRAFFIC ENGINEERING (478.464.5702).
- JOEL HERNDON AT MACON WATER AUTHORITY (478.464.5639).
- DONNA CAldWELL AT MACON-BIBB COUNTY ENVIRONMENTAL HEALTH DIVISION (478.749.0106).
- CHIEF BRENDA THOMAS AT MACON-BIBB COUNTY FIRE DEPARTMENT / FIRE PREVENTION BUREAU (478.751.2700).

I. THE CONTRACTOR SHALL INSTALL AND MAINTAIN FOR THE DURATION OF THE PROJECT ALL NECESSARY BARRICADES, LIGHTS, SIGNS AND TRAFFIC CONTROL DEVICES FOR THE PROTECTION AND SAFETY OF THE PUBLIC. TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS." ALL FLAG MEN, WARNING SIGNS, BARRICADES AND LIGHTS NECESSARY TO CONTROL THE TRAFFIC AND PROTECT THE PUBLIC SHALL BE FURNISHED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

J. THE CONTRACTOR SHALL PROTECT AREAS ADJACENT TO THE PROJECT CONSTRUCTION LIMITS FROM DAMAGE. ALL ADJACENT AREAS OUTSIDE THE DESIGNATED CONSTRUCTION LIMITS, DAMAGED OR DISTURBED BY THE CONTRACTOR AND/OR HIS SUBCONTRACTORS, SHALL BE RETURNED TO AN ACCEPTABLE CONDITION SIMILAR TO WHAT WAS PRIOR TO THE DISTURBANCE.

K. ACCESS TO THE SITE FOR EMERGENCY VEHICLES AND REGULATORY AGENCY INSPECTORS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

L. ALL DIMENSIONS ARE TO FACE OF SIDEWALK, FACE OF BUILDING OR BACK OF CURB, UNLESS OTHERWISE NOTED.

M. EQUIPMENT AND MATERIALS SHALL BE STORED IN AREAS DESIGNATED BY THE OWNER. CONSTRUCTION AND STORAGE AREAS SHALL BE KEPT CLEAN AT ALL TIMES.

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Order Plans @

ISSUED FOR REVIEW

January 14, 2020

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[redacted]

NEW GATE HOUSES
AT TOBESOFKEE PARKS
FOR MACON-BIBB COUNTY

MOSLEY DIXON ROAD MACON, GEORGIA

Revisions:

Sheet Title:
CLAYSTONE PARK
GATE HOUSE

Project #: 1819
Date: 01/13/20

C4