

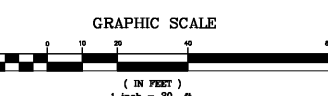
**SITE UTILITY NOTES**

1. ALL FILL MATERIAL IS TO BE IN PLACE, UNCOMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
2. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTOR 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
3. SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
  - 3.1. 8" SCH 40S 40
  - 3.2. 4" SCH 40S 40
4. WATER LINES SHALL BE AS FOLLOWS:
  - 4.1. 1/2" SCHEDULE 80S 1/2" TYPE 1" SOFT COPPER, ASTM B 88
  - 4.2. 1/2" POLYETHYLENE GLYCOL (PEX) WATER PIPE, PIPE, ASTM D 2241, WITH SDR 21 RATING, CONTINUOUSLY MARKED WITH MANUFACTURER'S NAME, PIPE SIZE, CELL CLASSIFICATION, PIPE JOINTS, INTERLOCKED BELL ENDS, ASTM D 2872.
  - 4.3. 1/2" CRACK RESISTANT POLYETHYLENE TEREPHTHALATE (PERT) PIPE, PIPE, ASTM D 2564.
  - 4.4. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH THRUST BLOTTING AS CALLED OUT IN SPECIFICATIONS.
5. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4'-0" COVER ON ALL WATERLINES (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
6. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATERLINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE SUCCLE HIGH PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING, THE WATERLINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOTTING AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE MEETING REQUIREMENTS OF ANS A21.10 OR ANS 21.11 (ANNA C-10) (CLASS 50).
7. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
8. TOPS OF EXISTING MANHOLES SHALL BE BASED AS NECESSARY TO BE FLUSH WITH PROPOSED ELEVATIONS, AND TO BE ONE FOOT ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS.
9. ALL CONCRETE FOR ENCASUREMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
10. DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES.
11. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
12. REFER TO INTERIOR PLUMBING DRAWINGS FOR THE-INS OF ALL UTILITIES.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARD TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODE AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
15. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
16. CONTRACTOR TO PROVIDE TRENCHING, CONDUIT, PULL WIRE AND BACKFILL FOR TELEPHONE AND ELECTRIC LINES.
17. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE EXACT LOCATION, SIZE, AND MATERIAL OF ANY EXISTING WATER OR SEWER FACILITY PROPOSED FOR CONNECTION OR USE BY THIS PROJECT. THE RELOCATION OF ANY WATER/SEWER FACILITY REQUIRED TO AVOID ANY PART OF THIS DEVELOPMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.
18. ALL CONSTRUCTION TO CONFORM TO APPLICABLE CITY SPECIFICATIONS AND IN ACCORDANCE WITH CITY ORDINANCES.
19. REFER TO ARCHITECTURAL PLANS FOR ELECTRICAL PLANS.
20. AN IRRIGATION SYSTEM WILL BE INCLUDED IN THE PROJECT. IRRIGATION PLANS TO BE PROVIDED BY CONTRACTOR.
21. A FIRE PROTECTION SYSTEM IS INCLUDED IN THE PROJECT.
22. NO INDUSTRIAL WASTEWATER WILL BE DISCHARGED INTO THE SANITARY SYSTEM.

**UTILITY PLAN LEGEND**

— UGE —	ELECTRICAL CONDUIT
— 8"SS —	SANITARY SEWER PIPE
— 8"W —	WATER MAIN PIPE
— 3"W —	DOMESTIC WATER PIPING
⊕	TAPPING SLEEVE & VALVE
⊕	WATER VALVE
⊕	FIRE HYDRANT
⊕	THRUST BLOCK
⊕	SANITARY SEWER MANHOLE
⊕	POWER POLE

**UTILITY PLAN**



**NOTICE TO GENERAL CONTRACTOR REGARDING UTILITY INSTALLATION:**

THE INFORMATION SHOWN ON THESE PLANS RELATED TO THE EXISTING SUBSURFACE UTILITY LINES IS BASED ON FIELD RUN SURVEY, AS-BUILT RECORDS AND/OR UTILITY COMPANY RECORDS AND IS CORRECT TO THE BEST KNOWLEDGE OF THE ENGINEER. HOWEVER, SINCE THE EXISTING SUBSURFACE FACILITIES HAVE NOT BEEN EXPOSED AND VERIFIED, THE INFORMATION PROVIDED IS NOT TO BE CONSIDERED PRECISE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXACT LOCATION, SIZE, MATERIAL AND INVERT ELEVATION AT THE PROPOSED (IE-IN POINTS) OF THE EXISTING SUBSURFACE UTILITIES PRIOR TO ORDERING MATERIALS TO INSTALL THE PROPOSED UTILITIES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF CONDITIONS IDENTIFIED IN THE FIELD ARE SUBSTANTIALLY DIFFERENT FROM THOSE SHOWN ON THE PLANS. IT IS STRONGLY RECOMMENDED THAT FIELD VERIFICATION OCCUR DURING THE INITIAL STAGES OF CONSTRUCTION AND PRIOR TO ORDERING OF MATERIALS. THE OWNER WILL NOT ACCEPT ANY CHANGE ORDERS ASSOCIATED WITH UNEXPECTED FIELD CONDITIONS THAT ARE NOT IDENTIFIED PRIOR TO ORDERING MATERIALS FOR THE PROPOSED RELOCATIONS. CONTRACTOR SHALL COORDINATE THE TUNING OF ALL UTILITY RELOCATIONS WITH THE RESPECTIVE UTILITY SERVICE PROVIDERS. LINES TO BE RELOCATED SHALL REMAIN OPERATIONAL AT ALL TIMES UP UNTIL THE NEW SERVICE LINE BECOMES ACTIVE. CONNECTIONS BETWEEN EXISTING AND RELOCATED LINES THAT REQUIRE TEMPORARY INTERRUPTION OF SERVICE SHALL BE PERFORMED ONLY AT LOW DEMAND TIMES WHICH MAY REQUIRE WORK TO BE PERFORMED AT NIGHT AND/OR ON WEEKENDS. CONTRACTOR SHALL INCLUDE ALL COSTS FOR SUCH WORK IN THE BASE BID.



**J.W. ROBINSON & ASSOCIATES, INC.**  
 ARCHITECTS • INTERIOR DESIGNERS • URBAN PLANNERS •  
 1020 RALPH DAVID ABERNATHY BLVD., S.W., ATLANTA, GEORGIA 30310  
 PHONE: (404) 753-4129 FAX: (404) 753-4435

**BEACH HIGH SCHOOL AUDITORIUM**  
 3001 Hopkins Street  
 Savannah, Georgia 31405  
 Chatham County Public School System

**SITE LAYOUT**

JOB NAME: SHEET NAME: PROJECT: BEACH HIGH SCHOOL AUDITORIUM

JOB NO: 201801  
 DRAWN: DVA  
 CHECKED: DNB  
 DATE: SEPT 4, 2016 100% SCHEMATIC DESIGN  
 OCT 29, 2016 100% DESIGN DEVELOPMENT  
 APR 5, 2018 80% CONST. DOCUMENTS  
 MAY 17, 2019 100% CONST. DOCUMENTS

SHEET NO: **C-3**

18-LD-033 MAN.DWG

USER: dmmallick - May 16, 2019 - 4:09pm  
 Z:\V\Projects\2018\18-LD-033 MAN.dwg - LAYOUT: C-3 BEACH