



GRADING/DRAINAGE PLAN LEGEND

- STORM SEWER PIPING
- JUNCTION BOX/STORM MANHOLE
- DRAINAGE STRUCTURE INDICATOR
- ▲ SLOPE ARROW
- AREA INLET
- ▲ FLARED END SECTION
- TC = TOP OF CURB
- TP = TOP OF PAVEMENT
- TW = TOP OF WALL
- FG = FINISHED GRADE

PROJECT LIMITS

LOCATION MAP
NOT TO SCALE

SITE GRADING NOTES

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES (ABOVE OR BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS AND/OR FROM UTILITY OWNERS. WOLVERTON AND ASSOCIATES INC. DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS SHOWN ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES (ABOVE OR BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REVEAL EXACT LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMISSION FROM ANY UTILITY COMPANY BEFORE ANY EXCAVATION TO REVEAL EXACT LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMISSION FROM ANY UTILITY COMPANY BEFORE ANY EXCAVATION TO REVEAL EXACT LOCATION OF UTILITIES.
2. ALL CUT OR FILL SHALL BE 1:1 OR FLATTER UNLESS OTHERWISE NOTED.
3. EXISTING STRUCTURES SHALL BE AT CONTRACTORS OPTION.
4. STORM PIPE TYPING AND JOINTS SHALL BE AS FOLLOWS:
 - A. STORM PIPE (RCP): ASTM C 78
 - B. RIGID POLYETHYLENE PIPE (RPE): ASTM M 252 TYPE S, M 294 TYPE S, OR ASTM F 2306 SMOOTH INTERIOR/ANNULAR EXTERIOR.
 - C. JOINT MATERIAL:
 - 1) RUBBER GASKET
 - 2) ADS N-12 WT BY ADVANCED DRAINAGE SYSTEMS, INC.
 - 3) BLUE SEAL BY HANCOX, INC.
5. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. PROPOSED GRADE CONTOUR SHOWN AT 1 FOOT INTERVALS.
7. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
8. ALL STORM PIPE EXTERIOR STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATER-TIGHT.
9. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
10. THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL NOTES PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
11. CONTRACTOR SHALL ADJUST AND/OR EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
12. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
13. TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY BREWER LAND SURVEYING IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL MAKE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
14. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES AS INDICATED ON THE EROSION CONTROL PLANS. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH CITY SPECIFICATIONS UNTIL A HEALTHY STAGE OF GRASS IS ESTABLISHED.
15. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
16. ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT-IN TO INVERT-OUT.
17. CONTRACTOR TO CONTACT THE CITY FIRE DEPARTMENT FOR BLASTING REQUIREMENTS.
18. CONTRACTOR SHALL VERIFY BENCHMARKS PRIOR TO SETTING FINISHED GRADES.
19. SIDEWALKS SHALL BE ADA ACCESSIBLE WITH CROSS SLOPES LESS THAN 2% AND LONGITUDINAL SLOPES LESS THAN 5%.

GRAPHIC SCALE

1 inch = 20 ft.

WOLVERTON
Engineering Solutions You Can Trust

7 East Congress Street • Suite 306 • Savannah, Georgia 31401
Phone: 912-721-9999
www.wolverton.com

Order Plans @

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE OR BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS AND/OR FROM UTILITY OWNERS. WOLVERTON AND ASSOCIATES INC. DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS SHOWN ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES (ABOVE OR BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REVEAL EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMISSION FROM ANY UTILITY COMPANY BEFORE ANY EXCAVATION TO REVEAL EXACT LOCATION OF UTILITIES.

- * STRUCTURE TYPE**
- CURB INLET - (SEE DETAIL SHEETS)
 - GRATE INLET - (SEE DETAIL SHEETS)
 - JUNCTION BOX - (SEE DETAIL SHEETS)
 - AREA INLET - (SEE DETAIL SHEETS)
 - HEADWALL - (SEE DETAIL SHEETS)
 - OUTLET CONTROL STRUCTURE - (SEE DETAIL SHEETS)
- ** PIPE TYPE**
- UNLESS A PIPE TYPE MATERIAL IS SPECIFIED IN THE DRAINAGE SCHEDULE, THE CONTRACTOR MAY USE AT HIS DISCRETION ANY OF THE PIPE MATERIALS LISTED AS APPROVED STORM PIPE MATERIALS IN THE SITE GRADING NOTES.



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

SITE LAYOUT

JOB NAME: BEACH HIGH SCHOOL AUDITORIUM
SHEET NAME: SITE LAYOUT

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

GRADING PLAN

CHECKED: DNB
DATE: SEP 14, 2018 100% SCHEMATIC DESIGN
DRAWN: DVA
DATE: OCT 29, 2018 100% DESIGN DEVELOPMENT
JOB NO: 201801
DATE: APRIL 5, 2019 80% CONST. DOCUMENTS
DATE: MAY 17, 2019 100% CONST. DOCUMENTS

18-LD-033 MAIN.DWG