

SITE WORK CONSTRUCTION DRAWINGS

FOR:

RIVERWOOD HIGH SCHOOL - PHASE 3-8 AUDITORIUM/GYMNASIUM ADDITION

5900 RAIDER DRIVE NW,
SANDY SPRINGS, GA 30328

PREPARED FOR **FULTON COUNTY SCHOOLS**

PROJECT CONTACTS
OWNER/PRIMARY PERMITTEE:
FULTON COUNTY SCHOOLS
6222 POWERS FERRY ROAD
ATLANTA, GA 30339
CONTACT: DOUG CARREY
PHONE: (404) 254-2270

ARCHITECT:
CHAPMAN GRIFFIN LANIER
SUSSENBACH ARCHITECTS, INC.
2550 CUMBERLAND PARKWAY
SUITE 300
ATLANTA, GA 30339
CONTACT: BOB SUSSENBACH
PHONE: (404) 733-5493
FAX: (404) 733-5804

SITE DESIGN PROFESSIONAL:
BRESLOW LAND PLANNING, INC.
15 SIMPSON STREET
ATLANTA, GA 30308
CONTACT: CHIP BROWN
PHONE: (770) 483-1173
FAX: (770) 483-1229

SURVEYOR:
TRAVIS PRUITT & ASSOCIATES, INC.
4317 PARK DRIVE SUITE 400
NORCROSS, GA 30093
CONTACT: H. LANIER LANIER
(770) 418-7511
FAX: (770) 418-7511
SURVEYED: 05/21/2015
SHP JOB No: 10092

24 HOUR CONTACT INFORMATION
CHAD A. WORD
FULTON COUNTY SCHOOLS
OWNER'S REPRESENTATIVE
470-254-3355

CGLS ARCHITECTS
CHAPMAN GRIFFIN LANIER SUSSENBACH ARCHITECTS, INC.
2018

BREED LOVE LAND PLANNING
B.L.P. PROJECT # 10092

GEORGIA REGISTERED PROFESSIONAL ENGINEER
TRAVIS PRUITT
11/01/2018

811 UTILITIES PROTECTION CENTER
THROUGHOUT GEORGIA
811 OR 1-800-282-7411
WWW.GEORGIA811.COM

Know what's below.
Call before you dig.
THREE WORKING DAYS BEFORE YOU DIG

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE SERVICES OF A PRIVATE UTILITY LOCATOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, MARKING AND PROTECTION OF ALL UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, MARKING AND PROTECTION OF ALL UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, MARKING AND PROTECTION OF ALL UTILITIES.

CAUTION
THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE SITE DESIGN PROFESSIONAL ASSUMES NO RESPONSIBILITY FOR THE LOCATION, MARKING AND PROTECTION OF UTILITIES WITHIN THE LIMITS OF THE WORK. DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR FROM HIS HER OPERATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN 48 HOURS AFTER THE TRENCHES ARE OPENED AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY IF SETTLEMENT OCCURS.

LEGEND
GSUCC CHECKLIST ITEM NUMBER

PROJECT INFORMATION

SOIL SURVEY MAP

Map Sheet Symbol	Soil Series	Area in A.S.	Percent of A.S.
10A	Adair (fine sand, 0 to 25 percent slopes, stony)	10.3	10.4%
10A4	Dalhousie (fine sand, 0 to 25 percent slopes, stony, moderately stony)	0.3	0.3%
10C22	Castle (heavy loam, 8 to 10 percent slopes, moderately stony)	5.4	5.5%
10G7	Greene (medium sand, 0 to 10 percent slopes, moderately stony)	0.5	0.5%
10H2	Harley (heavy loam, 10 to 15 percent slopes, moderately stony)	4.6	4.7%
10J4	Jones (heavy loam, 10 to 12 percent slopes)	2.8	2.8%
10K	Upton (heavy loam, 10 to 15 percent slopes, stony)	14.4	14.6%
10L6	Upton (heavy loam, 10 to 15 percent slopes, stony)	0.2	0.2%
10M8	Upton (heavy loam, 10 to 15 percent slopes, stony)	62.7	63.0%

SITE PLAN LEGENDS

LAYOUT & STAKING
CIR POINT OF BEGINNING
CIR DETAIL REFERENCE (DETAIL SHEET)
HORIZONTAL AND/OR GUARDRAIL
GDOT TYPE 4000 VEHICULAR GUARDRAIL

PAVEMENT MARKINGS
PARKING ARROW - STRAIGHT, WHITE
PARKING ARROW - TURN, WHITE
PAINTED CROSSWALK - WHITE
ADA PARKING ACCESSIBLE - BLUE
PAINTED WORD "STOP" - WHITE
PAINTED WORD "ONE WAY" - WHITE

SIGNAGE
STOP SIGN - MUTCD STANDARD R8-1
YIELD SIGN - MUTCD STANDARD R8-2
NO PARKING SIGN - MUTCD STANDARD R8-34
DO NOT ENTER SIGN - MUTCD STANDARD R8-1
ONE WAY SIGN - MUTCD STANDARD R8-2

SITE GRADING
PROPOSED INTERMEDIATE CONTOURS
PROPOSED INDEX CONTOURS
SPOT ELEVATION
BENCHMARK
HIGH POINT
LOW POINT
FLOW DIRECTION
SCALE
BSM FINISHED GRADE AT TOP OF WALL
BSM FINISHED GRADE AT BOTTOM OF WALL
TOP OF CURB ELEVATION

SITE UTILITIES
DOMESTIC WATER
FIRE MAIN
FIRE HYDRANT
FIRE DEPARTMENT CONNECTION
POST INDICATOR VALVE
CONCRETE TRESTLE BUILDING
WATER VALVE
GRAVITY SANITARY SEWER

GENERAL
TREE PROTECTION FENCE
LIMITS OF CONSTRUCTION
EXISTING TREE TO BE REMOVED

STORM DRAINAGE
STORY STRUCTURE LABEL
HEADWALL
FLARED END SECTION - GDOT STANDARD 822
SAFETY END SECTION - GDOT STANDARD 822
GRATE INLET
JUNCTION BOX
DRAIN INLET - PAVED SIDEWALK TOP
DRAIN INLET - GDOT STANDARD 828M W/TYPE "E" HOOD
RING-FRING CATCH BASIN - GDOT STANDARD 828D
DOUBLE-RING CATCH BASIN - GDOT STANDARD 828D
OUTLET CONTROL STRUCTURE
TOP OF STRUCTURE ELEVATION
HIGH DENSITY POLYETHYLENE PIPE
ALUMINUM STEEL PIPE
ASTM A53
ASTM A53-80
DIP
REINFORCED CONCRETE PIPE (RCP)
INVERT ELEVATION
INVERT ELEVATION
HYDRAULIC GRADE

SITE PLAN GENERAL NOTES

ACCESS TO ALL BUILDINGS DURING CONSTRUCTION SHALL BE MAINTAINED AND OPEN TO EMERGENCY VEHICLES AT ALL TIMES THROUGH THE USE OF EXISTING OR TEMPORARY ROADS, DRIVES, AND/OR WALKS.

BARRICADES, SUFFICIENT LIGHTS, SIGNS, AND OTHER TRAFFIC CONTROL MEASURES AS DEEMED NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION ON FULTON COUNTY ROADS.

CUT AND FILL & OPER SHALL NOT EXCEED 30" IN ANY ONE PLACE.

ALL SLOPE ELEVATIONS IN PARKING AREAS ARE AT THE BASE OF THE FACE OF CURB, UNLESS NOTED OTHERWISE.

CONTRACTOR SHALL STAKE ALL BUILDING CORNERS AND HAVE APPROVAL FROM THE ARCHITECT BEFORE COMMENCING THE CONSTRUCTION OF ANY FOOTINGS.

ALL CONSTRUCTION SHALL MEET OR EXCEED THE MINIMUM STANDARDS OF FULTON COUNTY.

ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET SHALL BE REFERRED TO THE ARCHITECT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

CONTRACTOR SHALL VERIFY ALL BENCHMARKS BEFORE BEGINNING ANY WORK.

TREE SAVE AREAS SHALL BE PROTECTED BY THE CONTRACTOR.

CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL TREES WITHIN THE PARKING AREAS AND ALL OTHER TREES TO GRASSES.

TOPSOIL SHALL BE STRIPPED AND STOCKPILED. NO TOPSOIL SHALL BE REMOVED FROM THIS SITE.

CONTRACTOR HAS THE OPTION TO USE CAST-IN-PLACE OR PRECAST CONCRETE OR HEADWALLS.

STORM WATER MANAGEMENT BASIN, STORM WATER MANAGEMENT OUTLET STRUCTURE, AND TEMPORARY SEDIMENT BASIN SHALL BE CONSTRUCTED FULLY OPERATIONAL PRIOR TO ANY CONSTRUCTION OR GRADING WITHIN LIMITS OF CONSTRUCTION. SAID STRUCTURES SHALL BE MAINTAINED DAILY UNTIL PERMANENT STORM COVER HAS BEEN ESTABLISHED.

ALL STORM PIPE AND STORM STRUCTURES SHALL BE IN ACCORDANCE WITH FULTON COUNTY STANDARDS AND SPECIFICATIONS.

EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY THE ARCHITECT.

DISTURBED AREAS SHALL BE COVERED WITH TEMPORARY VEGETATION COVER AS PER THE TECHNICAL SPECIFICATIONS, AS APPLICABLE, OF THE CONSTRUCTION PHASE PERMITS.

CONTRACTOR SHALL VERIFY ALL DRAINAGE MEASURES.

ALL GRADES SHOWN ARE FINISHED GRADES.

ALL PERMITS FOR SILT BARRIERS SHALL BE INSTALLED PRIOR TO ANY GRADING ACTIVITY. CONTRACTOR SHALL INSTALL ALL REMAINING SILT BARRIERS AT THE END OF EACH DAY. REMOVAL OF SILT BARRIERS SHALL BE INSTALLED PRIOR TO ANY GRADING ACTIVITY. CONTRACTOR SHALL REMOVE ANY DAMAGED PORTION OF EACH SILT BARRIER DAILY. CONTRACTOR SHALL REMOVE ACCUMULATED DEBRIS OF SILT AND WEAR OVER SITE. CONTRACTOR SHALL REMOVE SILT BARRIERS WHEN GRADING IS COMPLETE AND DISTURBED AREAS HAVE BEEN STABILIZED.

STORY STRUCTURES SHALL HAVE A TEMPORARY SEDIMENT TRAP AS PER DETAIL, INSTALLED DAILY PRIOR TO INSTALLATION OF SAID STRUCTURE.

CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENT IN DETENTION BASIN(S) AT A TIME IN WHICH THE ACCUMULATION REACHES FIREIGHTEN (80 INCHES) AND AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN FULLY STABILIZED THROUGH PERMANENT VEGETATION OR PAVING.

ALL SIGNS AND TREE SAVE AREAS SHALL BE CLEARLY MARKED AND IDENTIFIED BY SIGNING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE PERMIT. A SEPARATE PERMIT IS REQUIRED FOR EACH SIGN.

SHEET INDEX

- C-000 - SITE WORK COVER SHEET
- C-010 - BOUNDARY & TOPOGRAPHIC SURVEY (2015)
- C-011 - BOUNDARY & TOPOGRAPHIC SURVEY (2015)
- C-012 - BOUNDARY & TOPOGRAPHIC SURVEY (2015)
- C-013 - BOUNDARY & TOPOGRAPHIC SURVEY (2015)
- C-014 - BOUNDARY & TOPOGRAPHIC SURVEY (2015)
- C-015 - SUPPLEMENTAL TOPOGRAPHIC & UTILITY SURVEY (2018)
- C-016 - SUPPLEMENTAL TOPOGRAPHIC & UTILITY SURVEY (2018)
- C-017 - OVERLAP PLAN (PHASE 3-8)
- C-100 - SITE PHASING PLAN (PHASE 3A ENABLING)
- C-101 - SITE PHASING PLAN (PHASE 3B)
- C-102 - SITE PHASING PLAN (PHASE 4)
- C-103 - SITE PHASING PLAN (PHASE 5)
- C-104 - SITE PHASING PLAN (PHASE 6)
- C-105 - SITE PHASING PLAN (PHASE 7)
- C-106 - SITE PHASING PLAN (PHASE 8)
- C-107 - DEMOLITION & REMOVAL PLAN (EAST)
- C-108 - DEMOLITION & REMOVAL PLAN (WEST)
- C-109 - PAVING & LAYOUT PLAN (EAST)
- C-110 - PAVING & LAYOUT PLAN (WEST)
- C-111 - GRADING PLAN (EAST)
- C-112 - GRADING PLAN (WEST)
- C-113 - WALL PLAN
- C-114 - WALL ELEVATIONS
- C-115 - WALL ELEVATIONS
- C-116 - STORM DRAINAGE PLAN (EAST)
- C-117 - STORM DRAINAGE PLAN (WEST)
- C-118 - STORM PIPE PROFILES
- C-119 - STORM PIPE PROFILES
- C-120 - STORMWATER MANAGEMENT FACILITY ENLARGEMENTS & OCS DETAILS
- C-121 - WATER QUALITY UNIT DETAILS
- C-122 - WATER QUALITY UNIT DETAILS
- C-123 - NPDES NOTES
- C-124 - NPDES NOTES
- C-125 - ES&P PLAN - PHASE 1 - INITIAL PHASE
- C-126 - ES&P PLAN - PHASE 2 - INTERMEDIATE PHASE
- C-127 - ES&P PLAN - PHASE 3 - INTERMEDIATE PHASE
- C-128 - ES&P PLAN - PHASE 4 - INTERMEDIATE PHASE
- C-129 - ES&P PLAN - PHASE 5 - INTERMEDIATE PHASE
- C-130 - ES&P PLAN - PHASE 6 - INTERMEDIATE PHASE
- C-131 - ES&P PLAN - PHASE 7 - FINAL PHASE
- C-132 - ES&P PLAN - PHASE 8 - INITIAL PHASE
- C-133 - ES&P PLAN - PHASE 8 - INTERMEDIATE PHASE
- C-134 - ES&P PLAN - PHASE 8 - FINAL PHASE
- C-135 - ES&P DETAILS
- C-136 - ES&P DETAILS
- C-137 - UTILITY PLAN (EAST)
- C-138 - UTILITY PLAN (WEST)
- C-139 - SANITARY SEWER PROFILES
- C-140 - FIRE SITE & OVERALL UTILITY PLAN
- C-141 - TREE CONSERVATION & REPLACEMENT PLAN
- C-142 - PLANTING PLAN
- C-143 - SITE WORK CONSTRUCTION DETAILS
- C-144 - SITE WORK CONSTRUCTION DETAILS
- C-145 - SITE WORK CONSTRUCTION DETAILS
- C-146 - FULTON COUNTY STANDARD CONSTRUCTION DETAILS
- C-147 - FULTON COUNTY STANDARD CONSTRUCTION DETAILS
- C-148 - FULTON COUNTY STANDARD CONSTRUCTION DETAILS
- C-149 - FULTON COUNTY STANDARD CONSTRUCTION DETAILS
- C-150 - G.D.O.T. STANDARD CONSTRUCTION DETAILS
- C-151 - IRRIGATION PLAN
- C-152 - IRRIGATION DETAILS
- C-153 - IRRIGATION DETAILS

SITE DATA

PROJECT ADDRESS: 5900 RAIDER DRIVE
SANDY SPRINGS, GA 30328

PARCELS: 17 0205 LL0222
17 0173 LL0196

LAND LOTS: 166, 173 OF THE 17TH DISTRICT

PROPOSED USE: HIGH SCHOOL

TOTAL AREA OF SITE: 48.81 ACRES

DISTURBED AREA: 15.0 ACRES

IMPERVIOUS AREA: 18.11 ACRES

IMPERVIOUS (% OF SITE): 38.3%

**SANDY SPRINGS TBD
CITY OF ATLANTA PROJECT # TBD
FULTON COUNTY PROJECT # TBD**

**WASTEWATER SERVICES PROVIDED BY
FULTON COUNTY.**

**WATER SERVICES PROVIDED BY CITY OF
ATLANTA.**

**REFER TO DAS-1.00 AND DAS-1.01 FOR
CONSTRUCTION PHASING PLANS**

FLOODPLAIN MAP

FLOOD HAZARD NOTE: PORTIONS OF THIS SITE ARE LOCATED WITHIN ZONE X OF A 100 YEAR FLOOD HAZARD ZONE AS INDICATED BY FIRM PANELS #13121C0141F DATED SEPTEMBER 18, 2013.

FIRM
FLOOD INSURANCE RATE MAP
FULTON COUNTY, GEORGIA
AND DESIGNATED AREAS
PANEL 13121C0141F
DATE: 09/18/2013
SCALE: 1" = 100'

VICINITY/LOCATION MAP NOT TO SCALE

CONSTRUCTION EAST
GPS COORDINATES:
N: 33.383
E: -84.821

THERE ARE NO WETLANDS LOCATED ON OR WITHIN 200' OF THIS SITE.
THERE ARE STATE WATERS LOCATED ON OR WITHIN 200' OF THIS SITE.

CHAPMAN GRIFFIN LANIER SUSSENBACH ARCHITECTS
400 Galleria Pkwy • Suite 100 • Atlanta, Ga. 30339 • Phone: 404.733.5493

DOE FACILITY CODE 660-3086
RIVERWOOD HIGH SCHOOL - PHASE 3-8
AUDITORIUM/GYMNASIUM ADDITION
5900 RAIDER DRIVE NW SANDY SPRINGS, GA 30328
FULTON COUNTY SCHOOLS RFP NO. 411-19

SITE WORK COVER SHEET

PROJECT NO: 16015.02
DATE: 09.17.18
DRAWN BY: KWW
CHECKED BY: HCB

C-000