

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

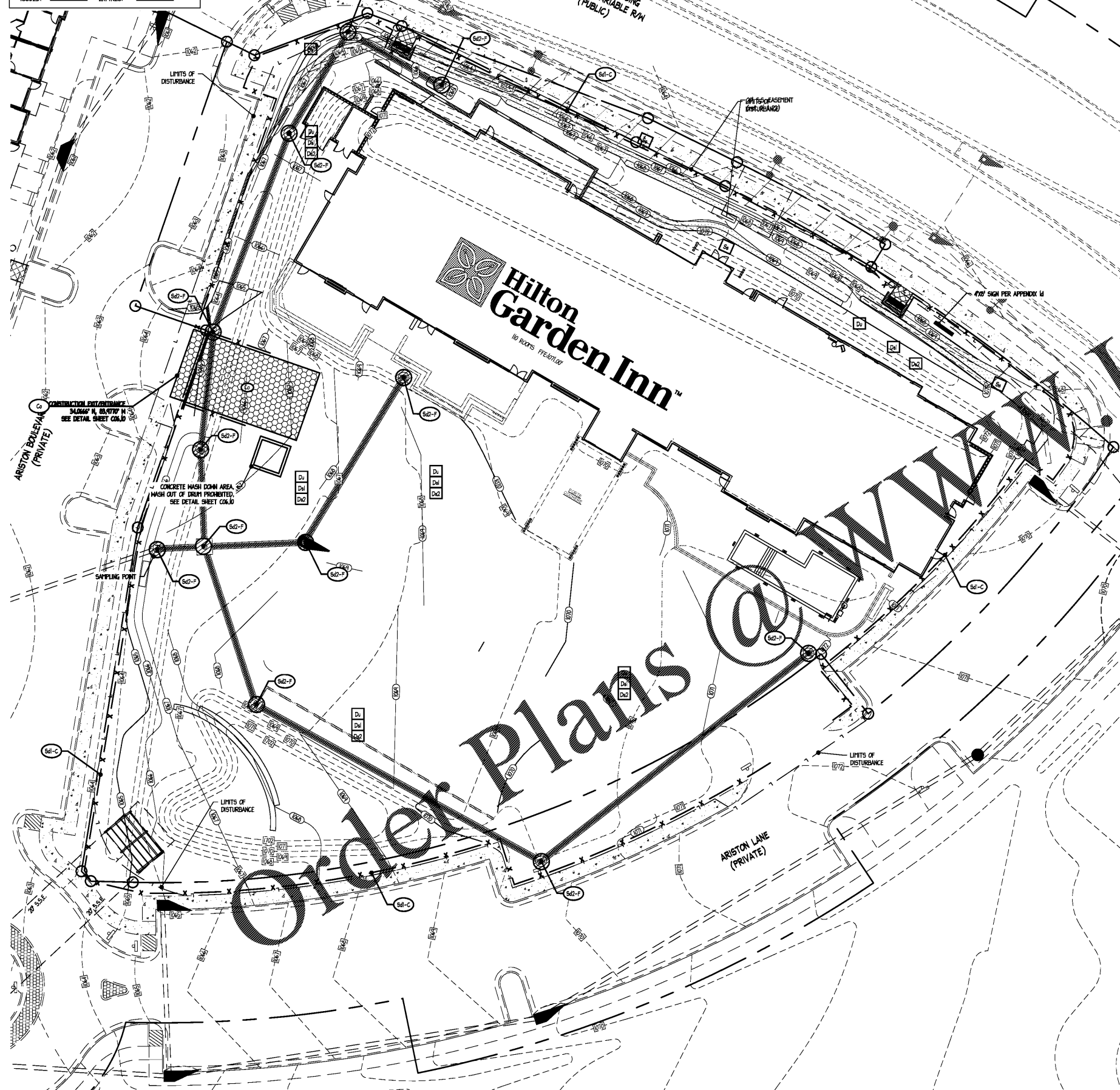
ERIK HOUSTON
Level II Certified Design Professional

CERTIFICATION NUMBER: 000004-0094
ISSUED: 10/01/2016 EXPIRES: 10/01/2021

EROSION CONTROL LEGEND

ESPC BMP	LINETYPE/SYMBOL	REFERENCE
Co	CONSTRUCTION EXIT	SHEET C06.9
Sd-TYPE C	SILT FENCE - TYPE C	SHEET C06.8
Sd2-F	INLET SEDIMENT TRAP-FILTER	SHEET C06.5
Sd2-P	INLET SEDIMENT TRAP-CURE	SHEET C06.5
D1	DUST CONTROL-DISTURBED AREAS	SHEET C06.5
D1	DISTURBED AREA STABILIZATION (WITH MULCH ONLY)	SHEET C06.5
D2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	SHEET C06.6
D3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)	SHEET C06.7
D4	DISTURBED AREA STABILIZATION (WITH SOODING)	SHEET C06.7
Ss	SLOPE STABILIZATION	SHEET C06.9

SEE LANDSCAPE/TREE PROTECTION PLANS FOR LEGEND SPECIFIC TO THOSE SHEETS



ESPC NOTES

- GENERAL**
- EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION CONTROL MEASURES AND PRACTICES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE AT THE EXPENSE OF THE CONTRACTOR.
 - THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
 - EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE SOODED WITH MULCH OR TEMPORARY SEEDING.
 - ANY AMENDMENT TO THE EROSION CONTROL PLANS WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
 - THE PERMITTEE IS ONLY RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF STORM WATER MANAGEMENT DEVICES PRIOR TO STABILIZATION OF THE SITE AND NOT THE OPERATION AND MAINTENANCE OF SUCH STRUCTURES AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED. EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
 - SEE GRADING & DRAINAGE NOTES.
- SLOPES AND DISTURBED AREA STABILIZATION**
- CONCENTRATED FLOW AREAS AND ALL SLOPES 2:1V OR STEEPER SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.
 - ALL CUT AND FILL SLOPES MUST BE SURFACE ROUGHENED AND VEGETATED WITHIN (7) DAYS OF THEIR CONSTRUCTION.
 - ALL DISTURBED AREAS SHALL BE GRASSSED AS SOON AS CONSTRUCTION PHASES PERMIT. NO EXPOSED GRADE WILL BE LEFT UNSTABLE FOR MORE THAN 7 DAYS.
 - PERMANENT GRASSING AND LANDSCAPING OF DISTURBED AREAS SHALL BE COMPLETED AS QUICKLY AS POSSIBLE. TEMPORARY STABILIZATION BY MULCHING AND/OR TEMPORARY SEEDING WILL BE REQUIRED IN THE EVENT OF PROJECT DELAYS.
 - WIRE MESH REINFORCED SEDIMENT BARRIERS SHALL BE PLACED AT THE TOE OF ALL FILL SLOPES.
- DRAINAGE**
- ALL DRAINAGE STRUCTURES SHALL BE EROSION PROOFED.
 - LENGTH OF RIP-RAP PADS AT PIPE OUTLETS SHALL BE A MINIMUM LENGTH OF (4) SIX TIMES THE DIAMETER OF THE PIPE IN FEET.
 - A 25' UNDISTURBED VEGETATIVE STREAM BUFFER ADJACENT TO ALL RUNNING STREAMS AND CREEKS WILL BE LEFT UNDISTURBED AND MAINTAINED THROUGH ALL PHASES OF CONSTRUCTION. REFER TO PLANS FOR EXACT LOCATIONS.
- TREE PROTECTION**
- ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED WITH FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
 - ALL TREE PROTECTION DEVICES SHALL BE INSTALLED PRIOR TO START OF LAND DISTURBANCE AND MAINTAINED UNTIL FINAL LANDSCAPING IS INSTALLED. NO PARKING, STORAGE, OR OTHER CONSTRUCTION SITE ACTIVITIES ARE TO OCCUR WITHIN TREE PROTECTION AREAS.
- MAINTENANCE AND INSPECTIONS**
- SEDIMENT AND EROSION CONTROL MEASURES AND PRACTICES SHALL BE INSPECTED DAILY.
- SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.
 - SEDIMENT CONTROL DEVICES MUST BE INSPECTED DAILY AND CHECKED AFTER EACH STORM EVENT AND CLEANED OR REPLACED WHEN THEY REACH 1/3 OF DESIGN CAPACITY.
 - ALL TREE PROTECTION FENCING TO BE INSPECTED DAILY AND REPLACED OR REPAIRED AS NEEDED.
 - MAINTENANCE OF ALL SOIL AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR.

ESPC NARRATIVE

- I. AREA CALCULATIONS:**
- SITE: 1.84 ACRES (80,804.00 SF)
 - DISTURBED AREA: 1.7M ACRES
 - LAND LOT: 171 DISTRICT: 7
 - THERE ARE NO STATE WATERS WITHIN 200' OF THE PROJECT SITE. ALL STATE WATERS WITHIN 200' OF THE SITE HAVE BEEN DELINEATED.
 - THERE ARE NO WETLANDS ON-SITE. THEREFORE NONE CAN BE DELINEATED.
 - THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES.
 - EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 - SEDIMENT STORAGE LOCATED SEDIMENT TRAPS WILL BE UTILIZED TO MEET THE REQUIRED 4 CY/ACRE OF SEDIMENT STORAGE.
 - SOIL CLASSIFICATIONS:**
THE SOIL SERIES FOR THE SITE PER THE USDA/NRCS WEB SOIL SURVEY IS: AmC2, WtE2, AND PFB2.
- II. PROJECT NARRATIVE:**
- THE EXISTING SITE CURRENTLY CONSISTS OF A ROUGH GRADED SITE THAT HAS BEEN PREVIOUSLY CLEARED BY THE OVERALL DEVELOPER, A HOTEL WITH APPROXIMATELY 100 ROOMS WILL BE CONSTRUCTED AT THE NORTH END OF THE SITE. TYPE "C" SILT FENCE WILL BE UTILIZED AS WELL AS INLET PROTECTION SEDIMENT TRAPS IN THE PARKING AREAS. THESE DEVICES, COMBINED WITH DISTURBED AREA STABILIZATION MEASURES, WILL CONTROL THE SEDIMENTATION FROM THIS SITE; THEREFORE, NO ADVERSE IMPACTS ARE ANTICIPATED FROM THE CONSTRUCTION OF THIS SITE.
- 1a. RECEIVING WATER BODY:**
THIS SITE DRAINS INTO WY CREEK.
- 1b. PRIMARY PERMITTEES:**
POLLACK SHORES
5405 GLENBRIDGE DRIVE, SUITE 700
ATLANTA, GA 30342
PHONE: 404-244-5335
CONTACT: TYLER GAINES
EMAIL: TGAINES@POLLACKSHORES.COM
- 1c. NON-EXEMPT NOTE:**
NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF HARVESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
- 1d. WASTE MATERIALS NOTE:**
WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- 1e. SAMPLING RATIONALE:**
SAMPLES (NTU) SHALL BE TAKEN AT THE OUTFALL POINT OF THE DETENTION ONLY POND FOR THE STORMWATER RUNOFF LEAVING THE SUBJECT SITE PRIOR TO CONSTRUCTION AND PER WISDES SAMPLING GUIDELINES.
- 1f. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.**
- 1g. ANY AMENDMENT TO THE EROSION CONTROL PLANS WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.**
- 1h. THE PERMITTEE IS ONLY RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF STORM WATER MANAGEMENT DEVICES PRIOR TO STABILIZATION OF THE SITE AND NOT THE OPERATION AND MAINTENANCE OF SUCH STRUCTURES AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.**
- 1i. EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.**
- 1j. FLOOD HAZARD:**
SEE FIRST PANEL B18500025F, DATED 09/29/2006, SHEET C011
- 20. THE DESIGN PROFESSIONAL WHO PREPARED THE ESPC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WITHIN 7 DAYS AFTER INSTALLATION.**

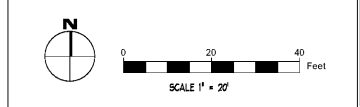
BASED IN THE WEB SOIL SURVEY INFORMATION,
ALL SOILS AT THIS SITE ARE CLASSIFIED AS
AmC2, WtE2, & PFB2

TOTAL DISTURBED AREA THIS PHASE: ±1.70 AC.

CONTRACTOR SHALL PROTECT ALL ITEMS
OUTSIDE LIMITS OF CONSTRUCTION UNLESS
OTHERWISE NOTED IN THE CONSTRUCTION
PLANS OR SPECIFICATIONS.

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING
UTILITIES (LOCATIONS AND ELEVATIONS) PRIOR TO
STARTING CONSTRUCTION AND ALERT ENGINEER TO
ANY DISCREPANCIES IMMEDIATELY.

24-HOUR CONTACT:
GREG FOX
(404) 754-8842



ingenium
PLANNING & ENGINEERING

4498 N DALE HARRY HWY
SUITE 250
TAYLOR, FL 32369
853.307.0284



HILTON GARDEN INN
BUFORD, GEORGIA
MALL OF GEORGIA BLVD &
WOODWARD CROSSING BLVD

Hilton Garden Inn

CLIENT:

PHG BUFORD, LLC
3500 LENOX ROAD, SUITE 625
ATLANTA, GEORGIA 30326
PHONE: (404) 497-4111

REVISION HISTORY

1	ISSUED FOR PERMIT
---	-------------------

THE CIVIL ENGINEER REGULARLY UPDATES ELECTRONIC FILES DURING THE DEVELOPMENT OF A PROJECT AS A RESULT, THE DATA INCLUDED IN ANY CAD FILE OR DRAWING PRIOR TO ITS FINAL RELEASE DOES NOT NECESSARILY REFLECT THE COMPLETE SCOPE OR CONTENT AS REVISED IN THE CONTRACT. THE CONTENTS IN THESE FILES MAY THEREFORE BE PRELIMINARY, INCOMPLETE, WORK IN PROGRESS, AND SUBJECT TO CHANGE. FURTHERMORE, THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE CIVIL ENGINEER. THE ORIGINAL DRAWING REPRESENTED HEREIN BY THIS INFORMATION SHALL NOT BE LOANED, ALTERED, OR REPRODUCED IN ANY FORMER WITHOUT THE EXPRESS WRITTEN CONSENT OF THE CIVIL ENGINEER. THESE PLANS ARE SUBJECT TO FEDERAL COPYRIGHT LAWS AND ANY USE OF SAME WITHOUT EXPRESS WRITTEN PERMISSION OF THE CIVIL ENGINEER IS PROHIBITED.

PROJ # 180660
DWG NAME 180660 C06.DWG
ISSUE DATE 11/06/2019
PROJ MGR EF

**ESPC PLAN
GRADING PHASE**

C06.2
SHEET NUMBER

ISSUED FOR PERMIT