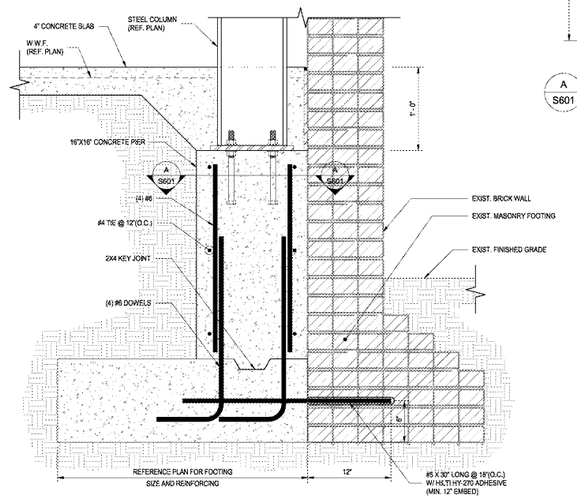
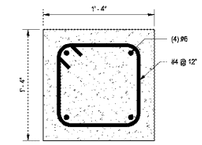
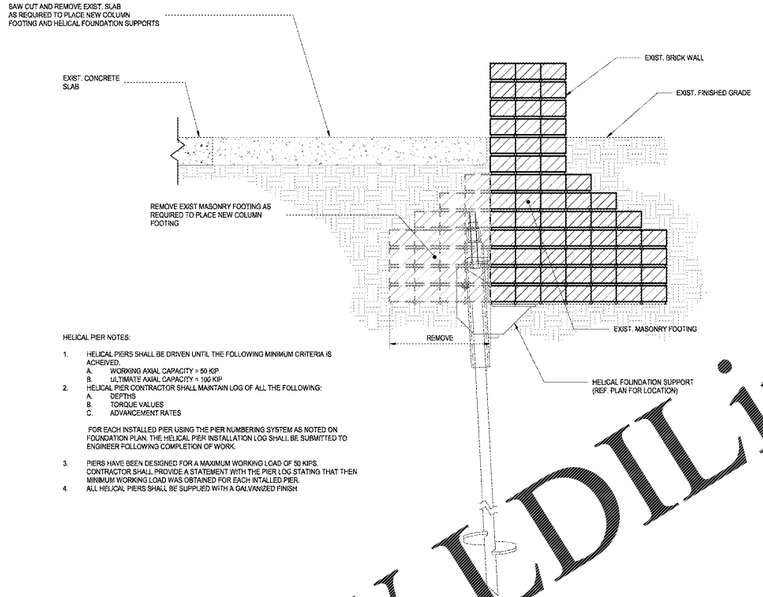


1 S601 FOOTING AT EXIST. BRICK FOUNDATION
SCALE: 1 1/2" = 1'-0"



A S601 CONCRETE PIER
SCALE: 1 1/2" = 1'-0"

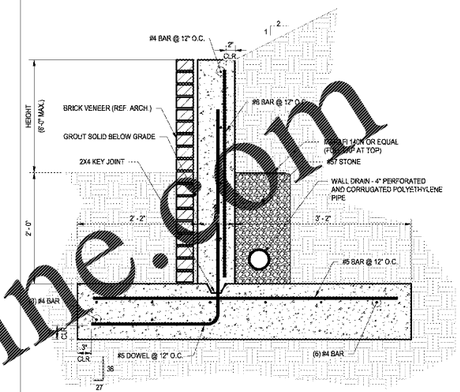


HELICAL PIER NOTES:

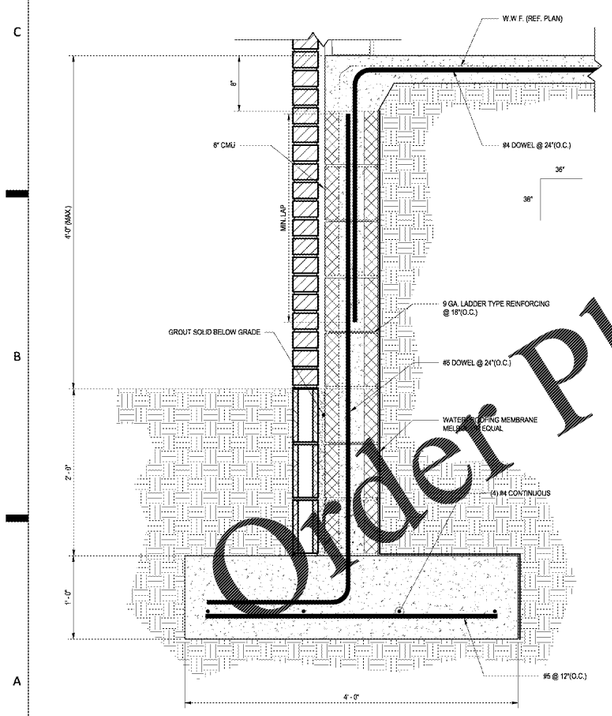
1. HELICAL PIERS SHALL BE DRIVEN UNTIL THE FOLLOWING MINIMUM CRITERIA IS ACHIEVED.
   A. WORKING AXIAL CAPACITY = 50 KIP
   B. ULTIMATE AXIAL CAPACITY = 100 KIP
2. HELICAL PIER CONTRACTOR SHALL MAINTAIN LOG OF ALL THE FOLLOWING:
   A. DEPTHS
   B. TORQUE VALUES
   C. ADVANCEMENT RATES

   FOR EACH INSTALLED PIER USING THE PIER NUMBERING SYSTEM AS NOTED ON FOUNDATION PLAN. THE HELICAL PIER INSTALLATION LOG SHALL BE SUBMITTED TO ENGINEER FOLLOWING COMPLETION OF WORK.
3. PIERS HAVE BEEN DESIGNED FOR A MAXIMUM WORKING LOAD OF 50 KIPS. CONTRACTOR SHALL PROVIDE A STATEMENT WITH THE PIER LOG STATING THAT THEN MINIMUM WORKING LOAD WAS OBTAINED FOR EACH INTALLED PIER.
4. ALL HELICAL PIERS SHALL BE SUPPLIED WITH A GALVANIZED FINISH

2 S601 HELICAL FOUNDATION SUPPORT
SCALE: 1" = 1'-0"

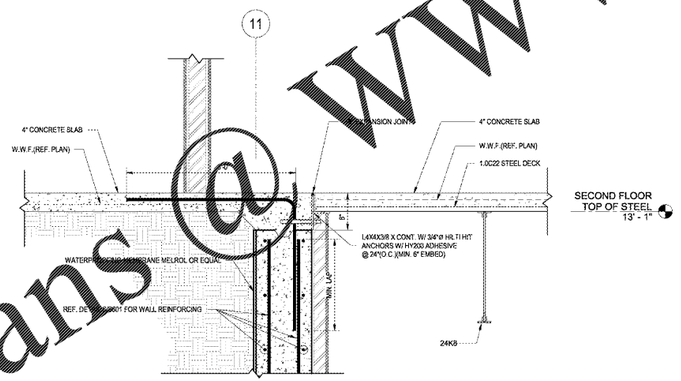


3 S601 CIVIL RETAINING WALL
SCALE: 1" = 1'-0"



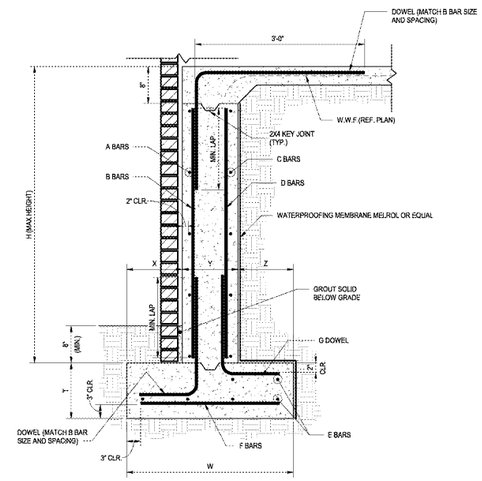
NOTE:
1. CONTRACTOR SHALL PROVIDE WALL SHORING.
2. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

4 S601 SECTION AT WALL
SCALE: 1 1/2" = 1'-0"



NOTE:
1. CONTRACTOR SHALL PROVIDE WALL SHORING.
2. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

5 S601 SECTION AT BASEMENT WALL
SCALE: 1" = 1'-0"



WALL REINFORCEMENT SCHEDULE											
H	T	W	X	Y	Z	A	B	C	D	E	F	G
16'-0"	1'-0"	8'-0"	3'-6"	1'-0"	3'-6"	#4 @ 16"	#6 @ 9"	#4 @ 16"	#4 @ 16"	(12) #5	#5 @ 12"	#5 @ 9"
12'-0"	1'-0"	6'-0"	2'-6"	1'-0"	2'-6"	#4 @ 16"	#5 @ 12"	#4 @ 16"	#4 @ 16"	(9) #5	#5 @ 12"	#6 @ 12"
8'-0"	1'-0"	4'-0"	1'-6"	1'-0"	1'-6"	#4 @ 16"	#5 @ 12"	#4 @ 16"	#4 @ 16"	(6) #5	#5 @ 12"	#5 @ 12"

NOTE:
1. CONTRACTOR SHALL PROVIDE WALL SHORING.
2. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

6 S601 12" CONCRETE WALL
SCALE: 1" = 1'-0"

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PROJECT TITLE:
ACADEMY OF RICHMOND COUNTY ADDITION AND RENOVATION PROJECT - B-17-006-4060
FACILITY CODE 747-0199

REVISIONS			
REV #	DATE	APRVD BY	REVISION
1	2/26/2019	JBC	ISSUE FOR PERMIT
2	4/01/2019	JBC	ISSUE FOR BID

GEORGIA REGISTERED PROFESSIONAL ENGINEER JOHN B. CRANSTON, JR.
4/01/2019

DA PROJECT NUMBER & NAME: 1706

DRAWING TITLE:
FOUNDATION DETAILS

DRAWING NO:
S601

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JOB # 2017-0350