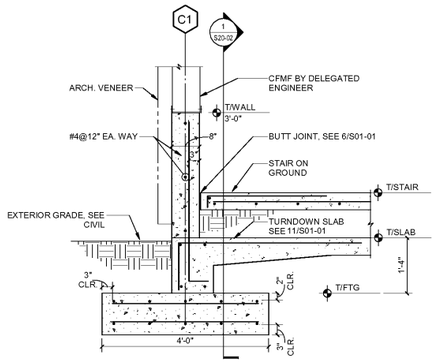
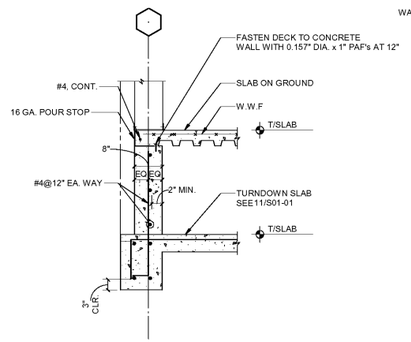
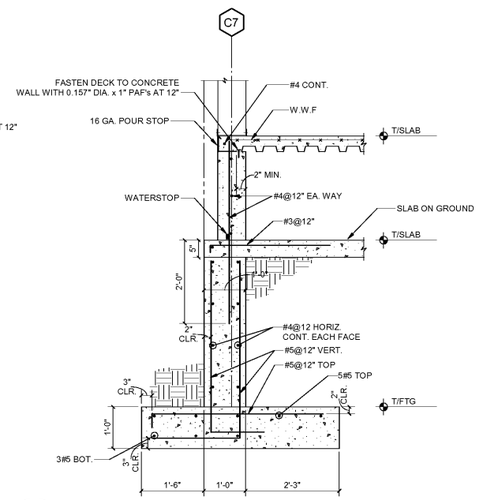


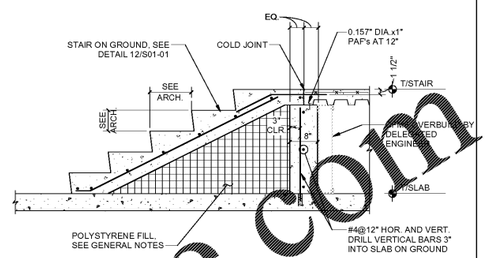
1 S20-03 SECTION AT KNEEWALL
SCALE: 3/4" = 1'-0"



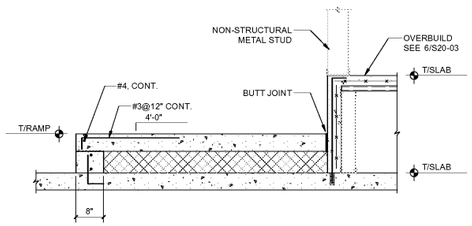
2 S20-03 SECTION
SCALE: 3/4" = 1'-0"



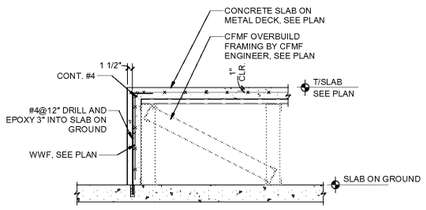
3 S20-03 SECTION
SCALE: 3/4" = 1'-0"



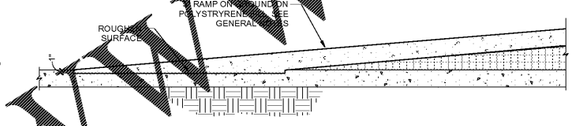
4 S20-03 SECTION
SCALE: 3/4" = 1'-0"



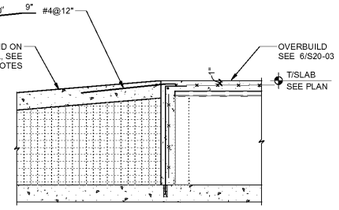
5 S20-03 SECTION
SCALE: 3/4" = 1'-0"



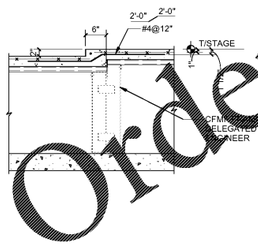
6 S20-03 SECTION
SCALE: 3/4" = 1'-0"



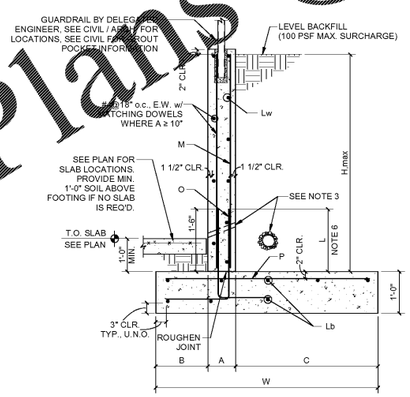
7 S20-03 SECTION AT RAMP ON GROUND
SCALE: 3/4" = 1'-0"



8 S20-03 SECTION
SCALE: 3/4" = 1'-0"



9 S20-03 SECTION
SCALE: 3/4" = 1'-0"

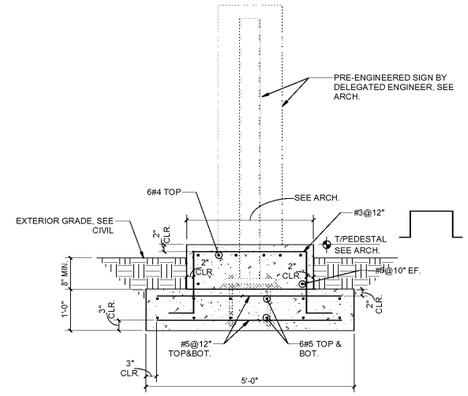


10 S20-03 TYPICAL RETAINING WALL SECTION & SCHEDULE (Hw ≤ 10'-0")
SCALE: 3/4" = 1'-0"

CANTILEVER RETAINING WALL SCHEDULE — LEVEL BACKFILL

WALL TYPE*	CONC. DIMENSIONS					BASE REINF.			STEM REINF.		
	H,max	A	B	C	W	O	Lb	P	M	Lw	L
H3	3'-0"	8"	1'-0"	1'-2"	2'-10"	#4@12"	5#4	#4@12"	-	#4@12"	-
H4	4'-0"	8"	1'-0"	2'-5"	4'-1"	#4@12"	6#4	#4@12"	-	#4@12"	-
H5	5'-0"	8"	1'-0"	3'-2"	4'-10"	#4@12"	7#4	#4@12"	-	#4@12"	-
H6	6'-0"	8"	1'-0"	4'-0"	5'-8"	#5@12"	9#4	#5@12"	#5@12"	#4@12"	2'-3"
H7	7'-0"	8"	1'-0"	4'-11"	6'-7"	#5@12"	10#4	#5@12"	#5@12"	#4@12"	2'-3"
H8	8'-0"	8"	1'-3"	5'-7"	7'-6"	#5@10"	12#4	#5@10"	#5@10"	#4@12"	2'-3"
H9	9'-0"	10"	1'-3"	6'-4"	8'-5"	#5@9"	8#5	#5@9"	#5@9"	#4@12"	2'-3"
H10	10'-0"	10"	1'-6"	7'-1"	9'-5"	#5@8"	9#5	#5@8"	#5@8"	#4@12"	2'-3"

NOTES:
1. WALL CONTRACTION JOINTS @ 20'-0" o.c. MAX.
2. KEYED EXP. JT. @ 100'-0" o.c. MAX.
3. PROVIDE POSITIVE DRAINAGE OR FRENCH DRAIN BEHIND WALL WITH WEEP HOLES AT 10'-0" o.c.
4. LOCATE 3 Lb BARS IN BOTTOM, REMAINDER EQUALLY SPACED IN TOP
5. LAP Lb & Lw BARS CLASS "A".
6. EXTEND O BARS FULL HEIGHT FOR Hw ≤ 5'-0".
7. *LABEL WALL TYPES ON FABRICATION DRAWINGS.



11 S20-03 DETAIL AT "KIPP" SIGN FOUNDATION
SCALE: 3/4" = 1'-0"

Order Plans @ WWW.LDIIne.com

PERKINS + WILL
1315 Peachtree St NE
Atlanta, GA 30309
t 404.873.2300
f 404.892.5923
www.perkinswill.com

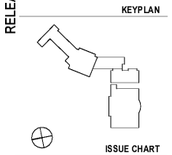
CONSULTANTS
CIVIL
Braedove Land Planning
15 Simpson St, NW, Atlanta, GA 30308
STRUCTURAL
Uzun+Case
1230 Peachtree St, NE, Suite 2500 Atlanta, GA 30309
MEP
Matheson Bali & Associates
11285 Elkins Rd., Suite F3, Roswell, GA 30076
LANDSCAPING
Perkins+Will
1315 Peachtree St, NE, Atlanta, GA 30309
Camacho
3103 Medlock Bridge Road, Norcross, GA 30071
OWNER
KIPP Metro Atlanta Schools
1445 Maynard Road NW, Atlanta, GA 30331
FACILITY
CONTRACTOR

RELEASED FOR CONSTRUCTION 06/07/2019

PROJECT

KIPP ATLANTA COLLEGIATE - Addition and Renovations
98 Anderson Ave NW
Atlanta GA 30314

KEYPLAN



ISSUE CHART

GEORGIA REGISTERED No. 033283 PROFESSIONAL ENGINEER 06/07/2019 JOHN T. HUTTON

MARK	ISSUE	DATE
Job Number	18220	
Drawn	SG	
Checked	SG	
Approved	JH	

TITLE
SECTIONS AND DETAILS

SHEET NUMBER
S20-03

Copyright © 2018 Perkins+Will

6/10/2019 2:29:48 PM C:\Users\jhutton\Documents\18220_KIPP_Struct_R19_JohnsonFSIHO.rvt