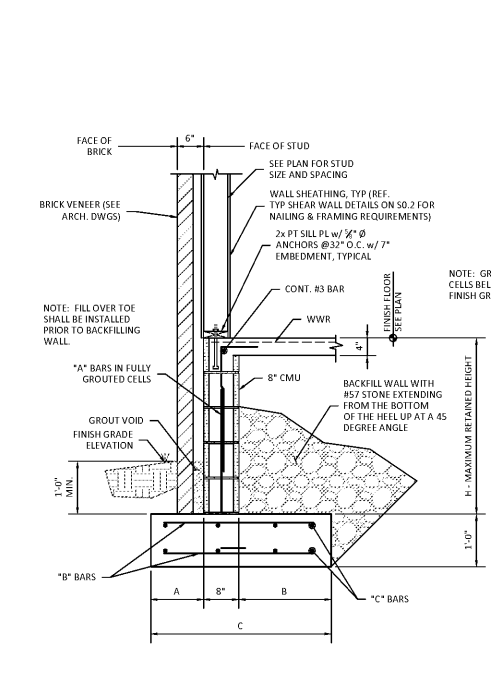




Copyright © 2019
Elis Architects, Inc.
Elis Architects, Inc. maintains all intellectual rights and ownership of all information contained on these documents. Elis Architects, Inc. and its consultants shall be deemed the authors and owners of their respective instruments of service and shall retain all common law, statutory and other reserved rights, including copyrights. This document shall not be reproduced without the written authorization of Elis Architects.
Do Not Scale from Drawings.
Contractor must verify all dimensions prior to construction.

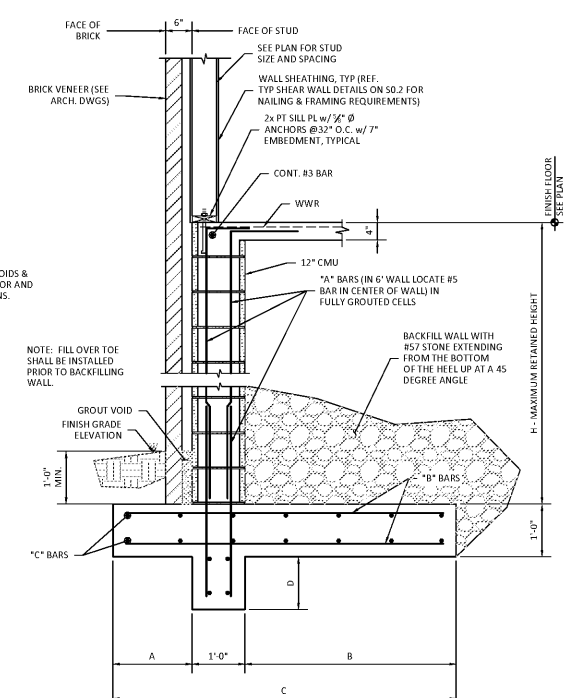
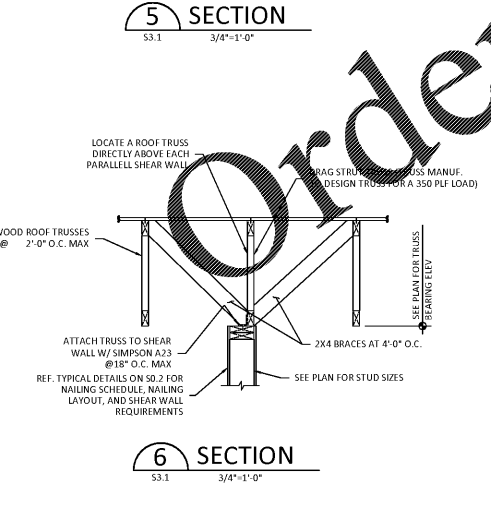
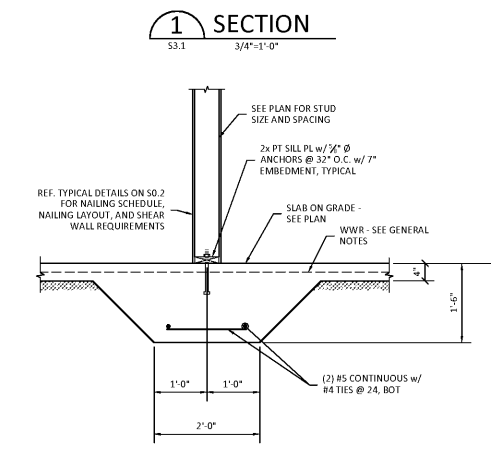
JOB No.	18004
DOCUMENT	DATE
FINAL CDS	09/06/2019
DRAWN BY:	SJD
SECTIONS	
S3.1	



MASONRY BUILDING RETAINING WALL SCHEDULE

DIMENSIONS				REINFORCEMENT		
H	A	B	C	"A" BARS	"B" BARS	"C" BARS
≤ 2'-0"	0'-8"	0'-8"	2'-0"	#5@32	#5@12	#5@12
≤ 3'-0"	0'-8"	1'-0"	2'-4"	#5@32	#5@12	#5@12
≤ 4'-0"	0'-8"	2'-1"	3'-5"	#5@24	#5@12	#5@12

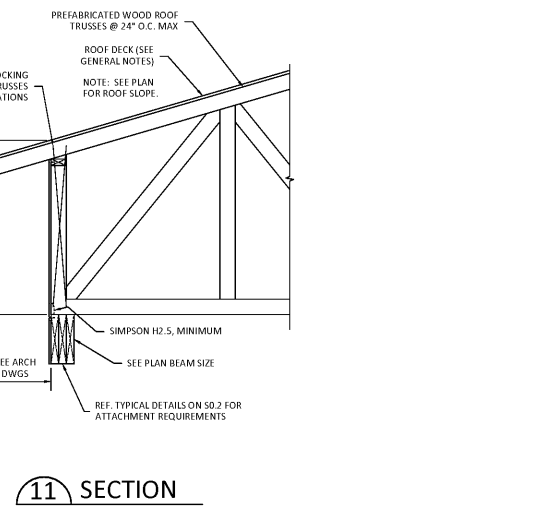
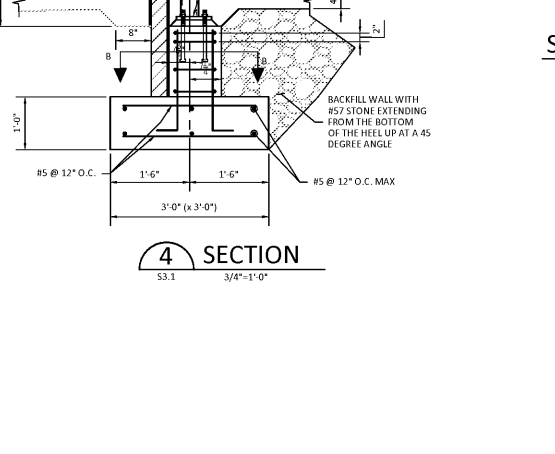
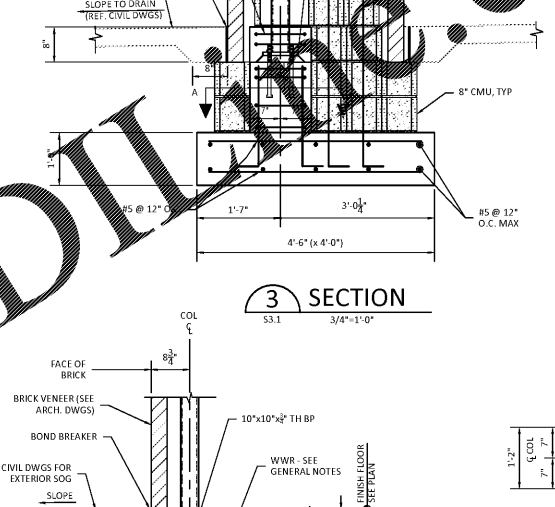
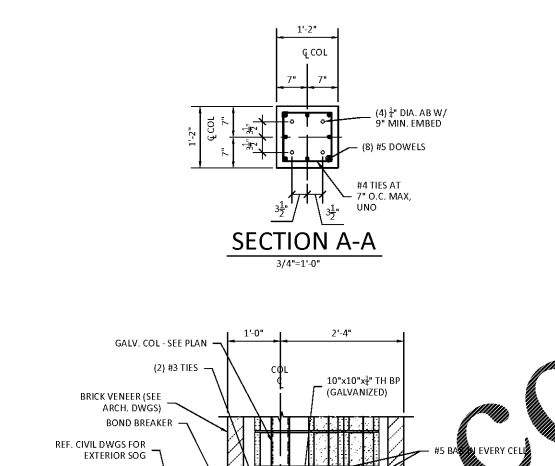
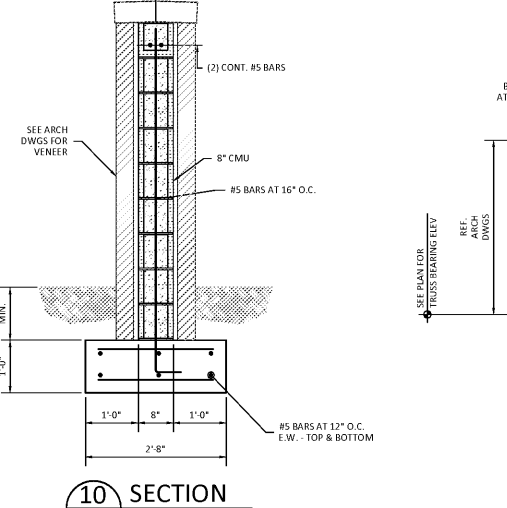
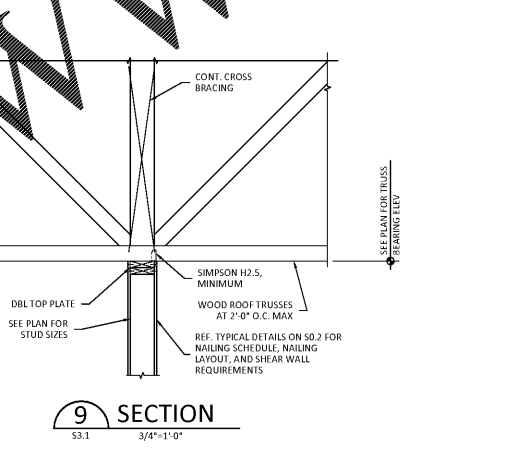
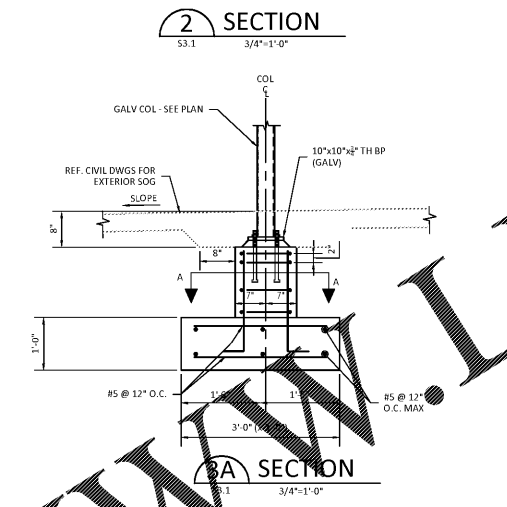
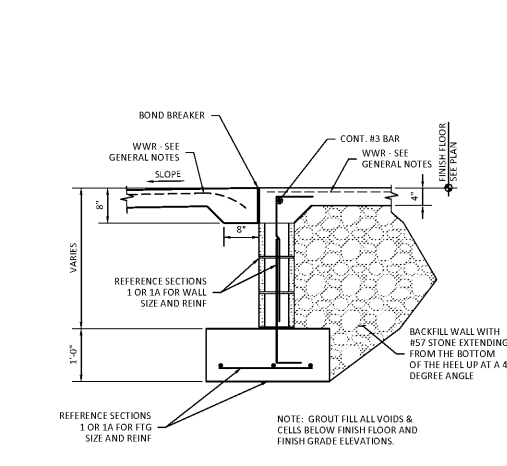
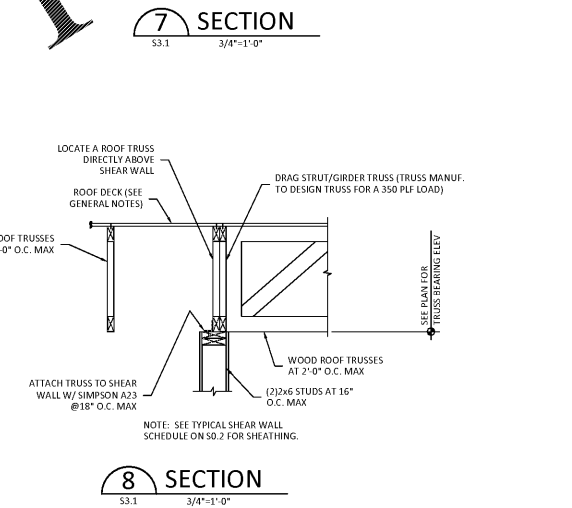
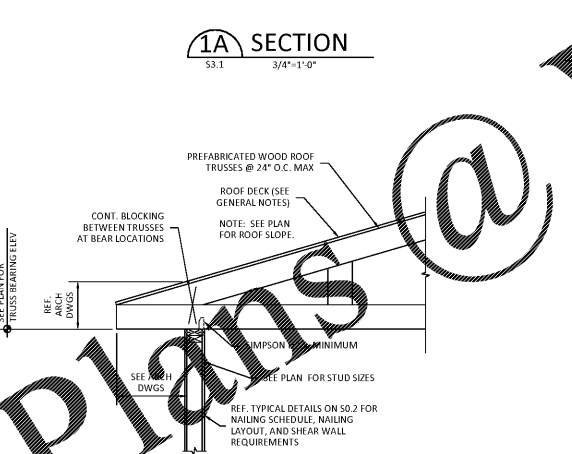
NOTES:
1. RETAINING WALL DESIGN BASED ON THE FOLLOWING PARAMETERS:
• LATERAL SOIL PRESSURE = 45 pcf
• PASSIVE PRESSURE = 240 pcf
• DENSITY OF BACKFILL = 115 pcf
• DENSITY OF FILL OVER TOE = 110 pcf
• COEFFICIENT OF FRICTION BETWEEN BOTTOM OF FOOTING AND SUBGRADE = 0.35
• ALLOWABLE SOIL BEARING = 2000 pcf



MASONRY BUILDING RETAINING WALL SCHEDULE

DIMENSIONS					REINFORCEMENT		
H	A	B	C	D	"A" BARS	"B" BARS	"C" BARS
≤ 6'-0"	1'-0"	2'-3"	4'-3"	10'	#5@8	#5@12	#5@12
≤ 8'-0"	1'-6"	4'-0"	6'-6"	1'-0"	(2) #5 @ 8"	#5@8	#5@12

NOTES:
1. RETAINING WALL DESIGN BASED ON THE FOLLOWING PARAMETERS:
• LATERAL SOIL PRESSURE = 45 pcf
• PASSIVE PRESSURE = 240 pcf
• DENSITY OF BACKFILL = 115 pcf
• DENSITY OF FILL OVER TOE = 110 pcf
• COEFFICIENT OF FRICTION BETWEEN BOTTOM OF FOOTING AND SUBGRADE = 0.35
• ALLOWABLE SOIL BEARING = 2000 pcf



Order Plans @ WWW.LDILLING.COM