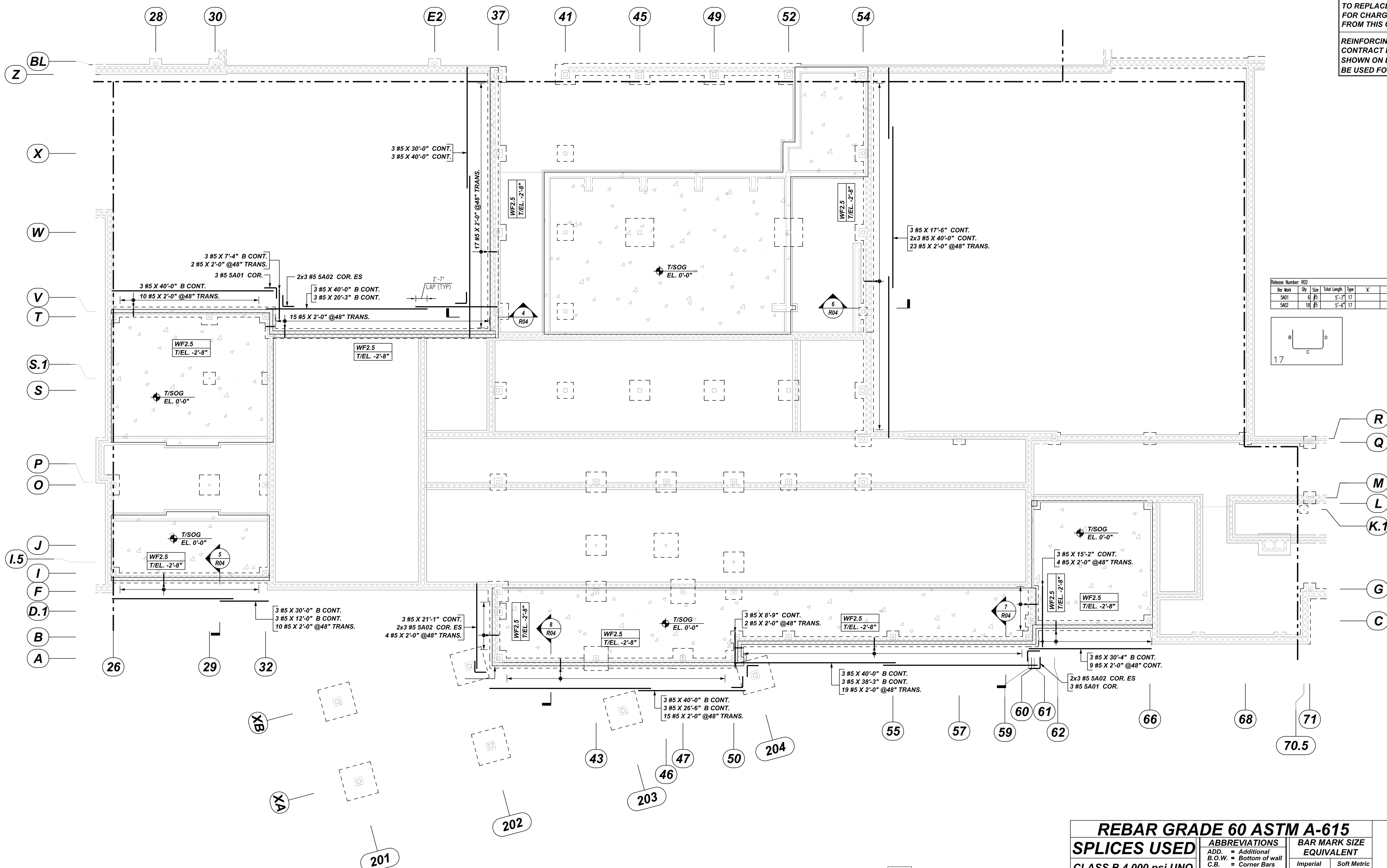


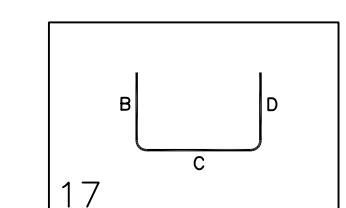
NOTICE

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REINFORCING STEEL PLACING DRAWING ONLY. USE IN CONJUNCTION WITH CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.



Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	BWR LIST
SA01	8	#5	5'-7"	17		3'-0"	2'-7"	
SA02	18	#5	5'-6"	17		2'-9"	2'-9"	

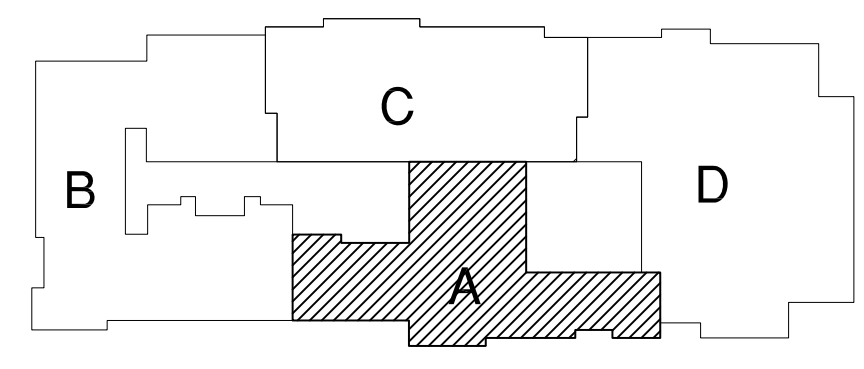


TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
FOOTING	3" CLR
PIER	2" CLR

**ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED**

UNIT A-WALL FOOTING REINFORCEMENT DETAILS

REF: S1.1 (DT.04/18/22)
SCALE: 1/12" = 1'-0"



KEY PLAN
REF: S1.1 (DT.04/18/22)
SCALE: 1/12" = 1'-0"

REBAR GRADE 60 ASTM A-615

SPLICES USED		ABBREVIATIONS		BAR MARK SIZE EQUIVALENT	
CLASS B 4,000 psi UNO				Imperial	Soft Metric
TOP BARS	OTHER BARS	ADD.	Additional	#3	#10
#3 24"	#3 19"	B.O.W.	Bottom of wall	#4	#13
#4 32"	#4 25"	C.B.	Corner Bars	#5	#16
#5 40"	#5 31"	DIAG.	Diagonal	#6	#19
#6 48"	#6 37"	D.O.	Door Opening	#7	#22
#7 70"	#7 54"	DWLS.	Dowels	#8	#25
#8 80"	#8 62"	E.F.	Each Face	#9	#29
#9 91"	#9 70"	E.S.	Each Side	#10	#32
#10 102"	#10 79"	E.W.	Each Way	#11	#36
#11 113"	#11 87"	FTG.	Footing		
#14	#14	F.F.	Far Face		
		HORIZ.	Horizontal		
		I.F.	Inside Face		
		INTERS.	Intersection		
		L.W.	long Way		
		N.F.	Near Face		
		O.F.	Outside Face		
		S.W.	Short Way		
		T&B	Top & Bottom		
		T.O.W.	Top of Wall		
		Trans.	Transverse		
		VERT.	Vertical		

MARDELA MIDDLE & HIGH SCHOOL
UNIT A - WALL FOOTING REINFORCEMENT DETAILS
MARDELA SPRINGS, MD 21837

CUSTOMER: -
DESIGNER: -

REV NO	DATE	APPROVAL	REV NO	DATE	SENT FOR
0	06.08.22				

DRAWN BY	DATE	JOB NO	SHEET NO.
RS/MET	06.08.22	-	R02

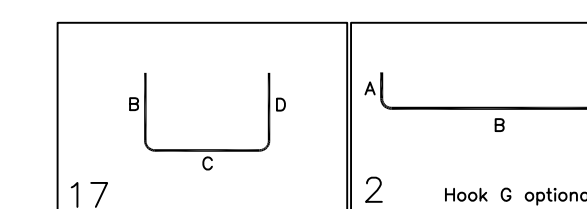
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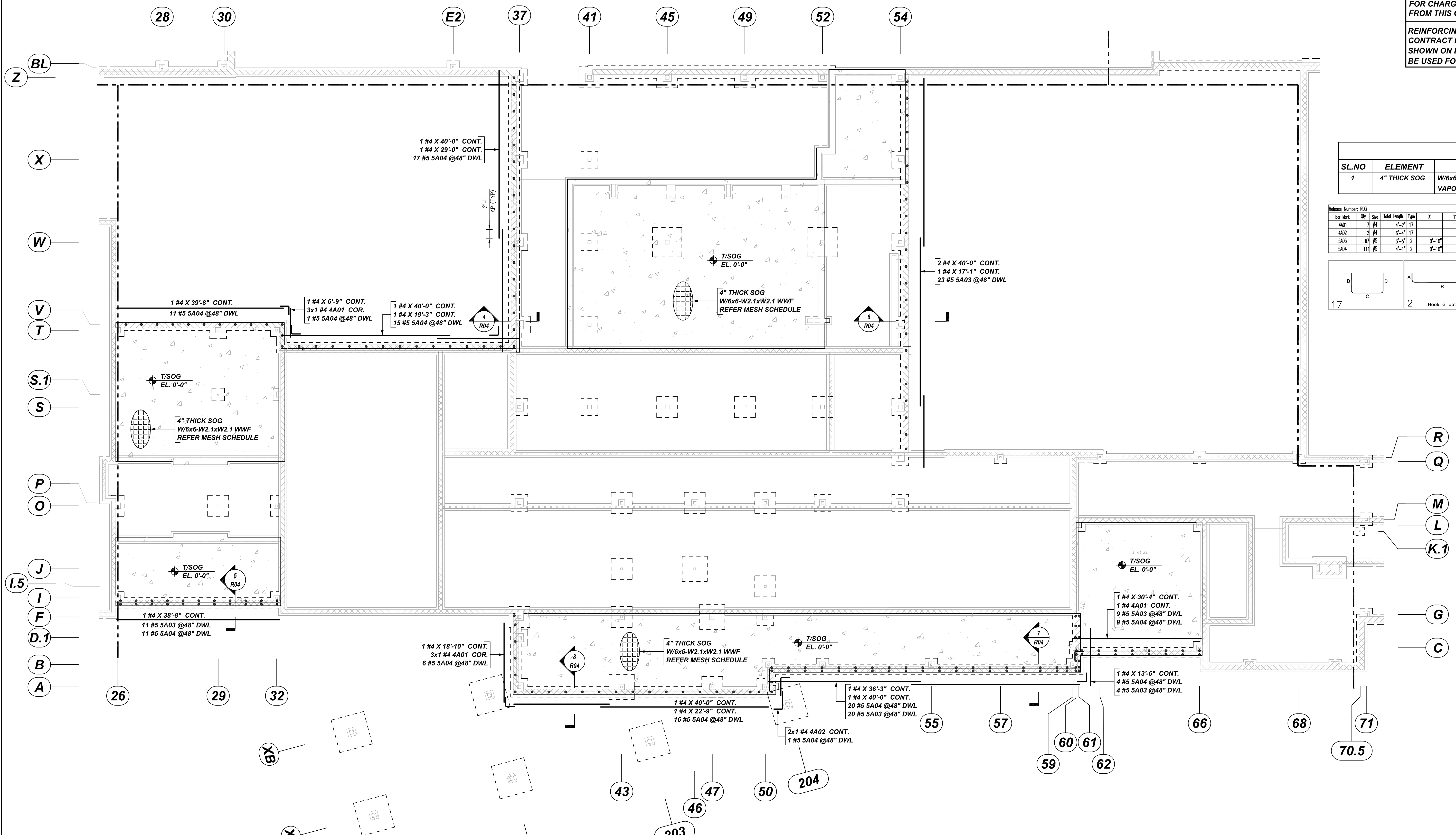
MESH DETAILS					
SL.NO	ELEMENT	MESH SIZE	SHEETS	AREA	REMARK
1	4" THICK SOG	W/6x6-W2.1xW2.1 WWF 10 MIL	80	8152 SQ.FEET	8'-0"x15'-0" SHEET SIZE (15% LAP ADDED)
VAPOR RETARDER					

Rebar List											
Rebar No.	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T
4A01	7	#4	4'-2"	17		2'-1"	2'-1"				
4A02	2	#4	6'-4"	17		4'-3"	2'-1"				
5A03	61	#5	3'-5"	2	0'-10"	2'-7"					
5A04	114	#5	4'-1"	2	0'-10"	3'-3"					



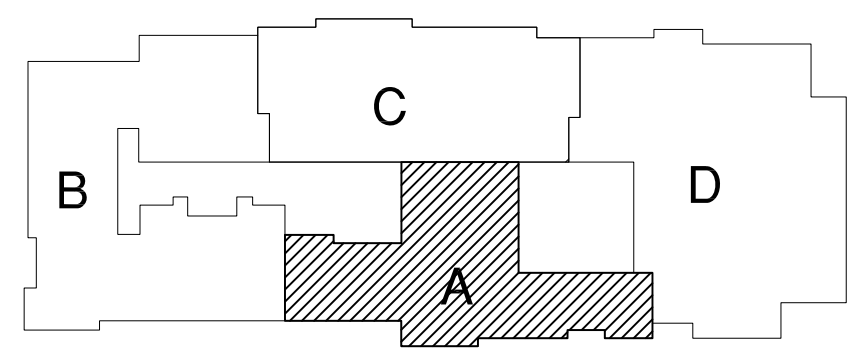
TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
FOOTING	3" CLR
PIER	2" CLR

**ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED**



UNIT A - CMU DOWEL & SOG REINFORCEMENT DETAILS

REF: S1.1 (DT.04/18/22)
SCALE: 1/12" = 1'-0"



KEY PLAN
REF: S1.1 (DT.04/18/22)
SCALE: 1/12" = 1'-0"

REBAR GRADE 60 ASTM A-615

SPLICES USED

CLASS B 4,000 psi UNO	
TOP BARS	OTHER BARS
#3 24"	#3 19"
#4 32"	#4 25"
#5 40"	#5 31"
#6 48"	#6 37"
#7 70"	#7 54"
#8 80"	#8 62"
#9 91"	#9 70"
#10 102"	#10 79"
#11 113"	#11 87"
#14	#14

ABBREVIATIONS

ADD.	= Additional
B.O.W.	= Bottom of wall
C.B.	= Corner Bars
DIAG.	= Diagonal
D.O.	= Door Opening
DWLS.	= Dowels
E.F.	= Each Face
E.S.	= Each Side
E.W.	= Each Way
FTG.	= Footing
F.F.	= Far Face
HORIZ.	= Horizontal
I.F.	= Inside Face
INTERS.	= Intersection
L.W.	= long Way
N.F.	= Near Face
O.F.	= Outside Face
S.W.	= Short Way
T&B	= Top & Bottom
T.O.W.	= Top of Wall
Trans.	= Transverse
VERT.	= Vertical

BAR MARK SIZE EQUIVALENT

Imperial	Soft Metric
#3	#10
#4	#13
#5	#16
#6	#19
#7	#22
#8	#25
#9	#29
#10	#32
#11	#36

REV NO	DATE	SENT FOR	REV NO	DATE	SENT FOR
0	06.08.22	APPROVAL			

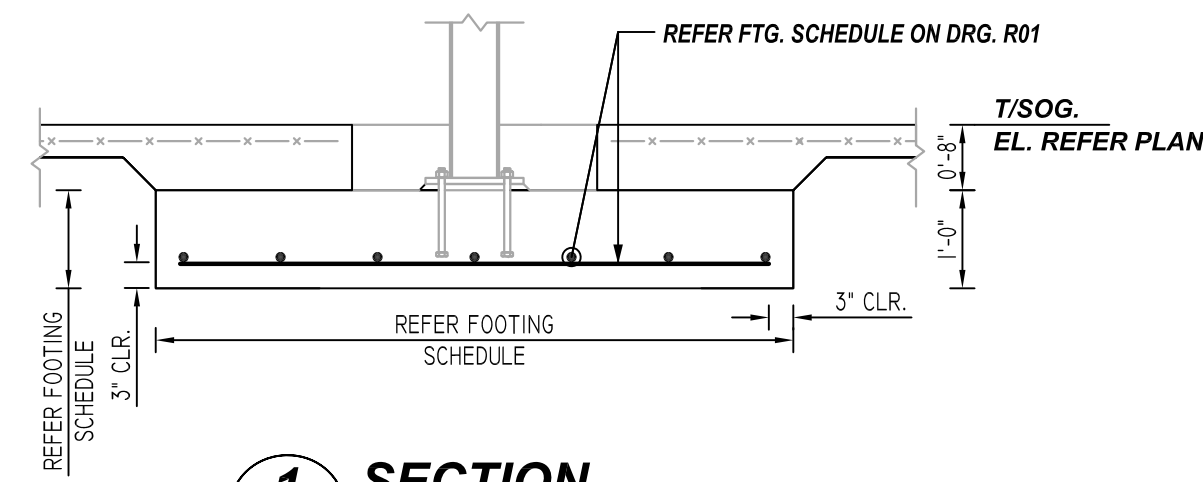
MARDELA MIDDLE & HIGH SCHOOL
UNIT A - CMU DOWEL & SLAB ON GRADE REINFORCEMENT DETAILS
MARDELA SPRINGS, MD 21837

CUSTOMER: -		DESIGNER: -	
DRAWN BY	DATE	JOB NO	SHEET NO.
RS/MET	06.08.22	-	R03

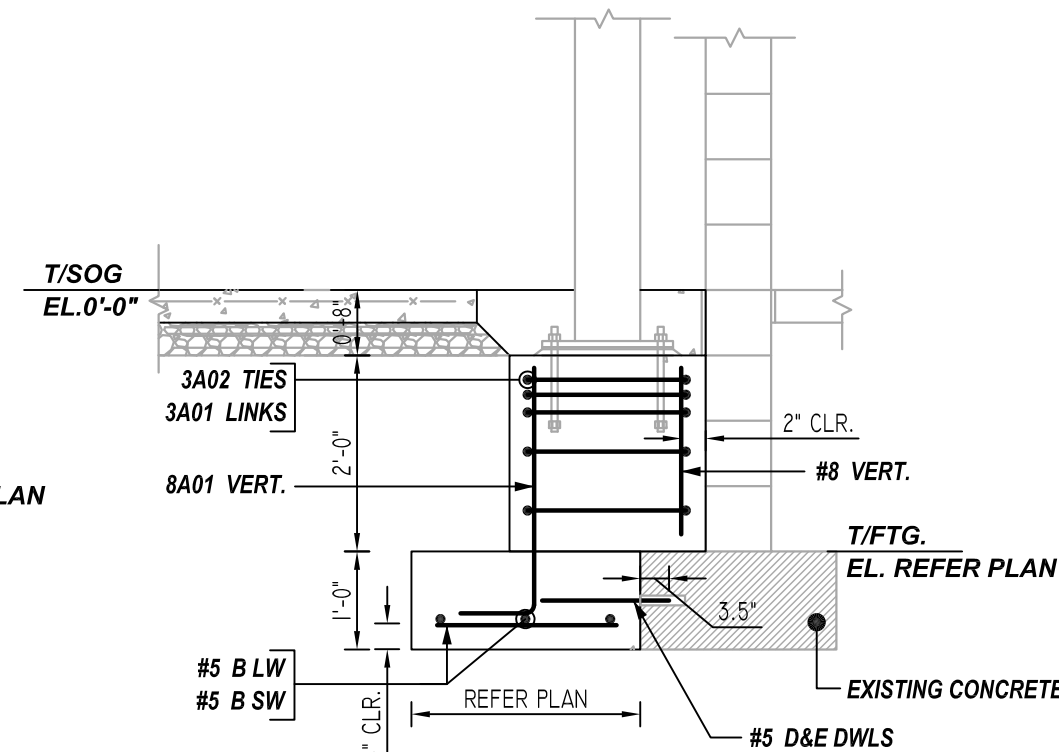
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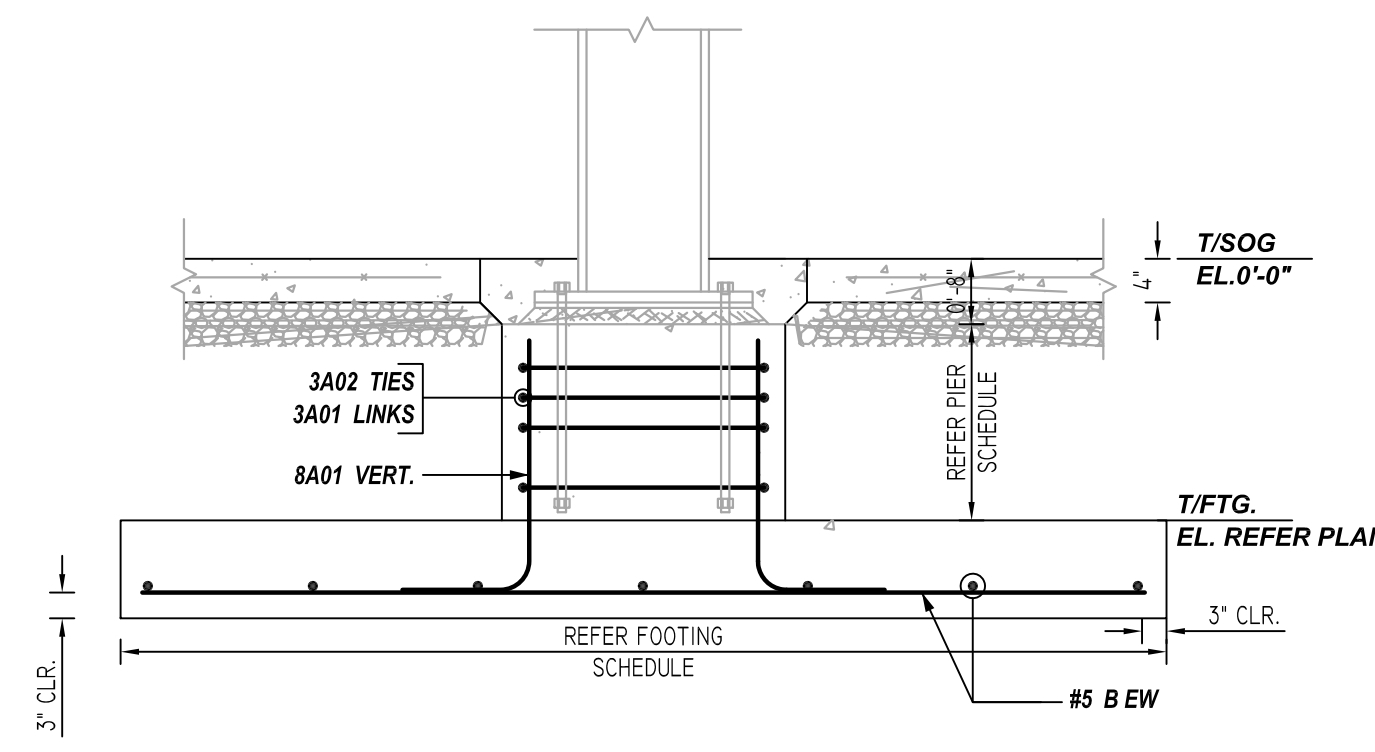
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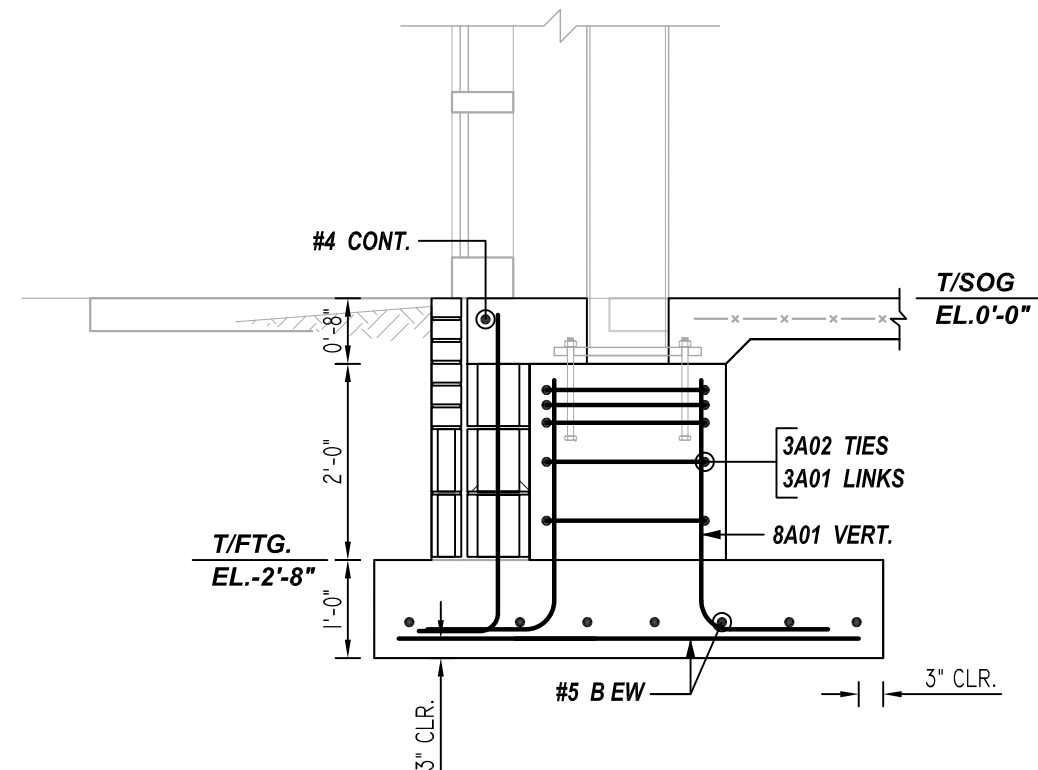
1 SECTION
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SCALE: 1/2" = 1'-0"



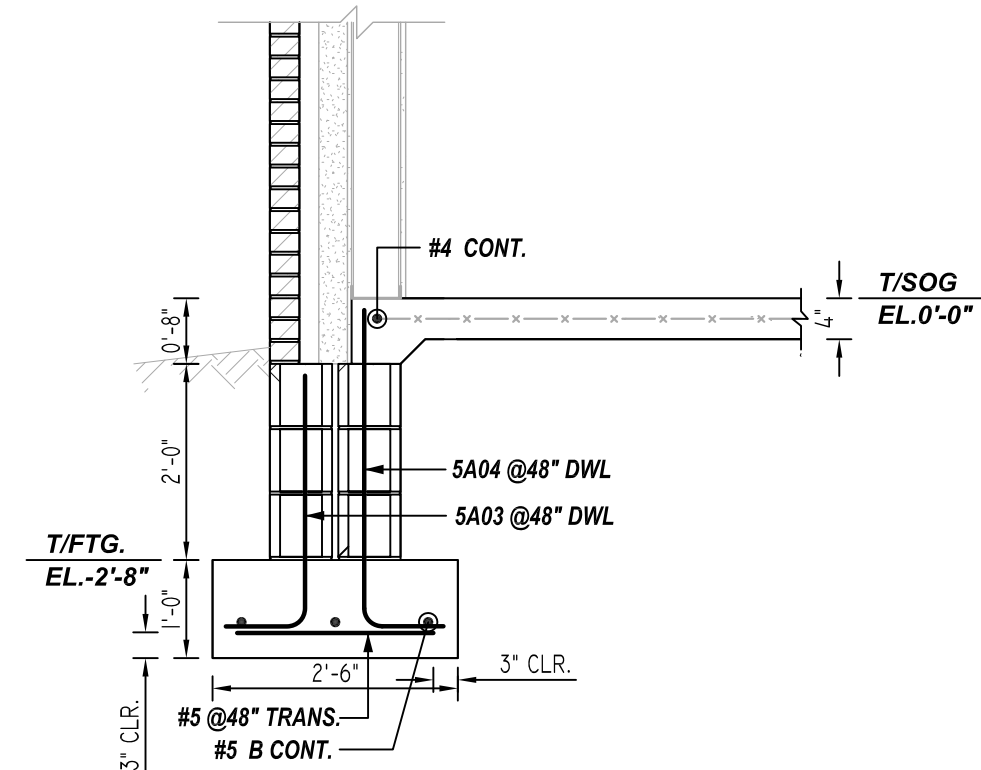
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SCALE: 1/2" = 1'-0"



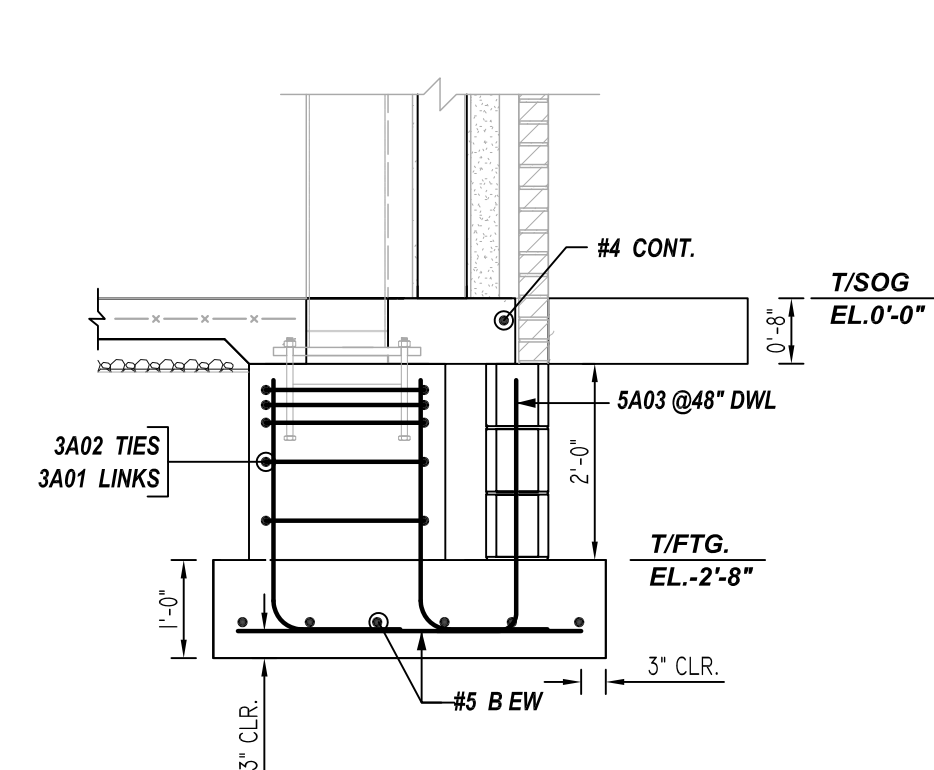
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SCALE: 1/2" = 1'-0"



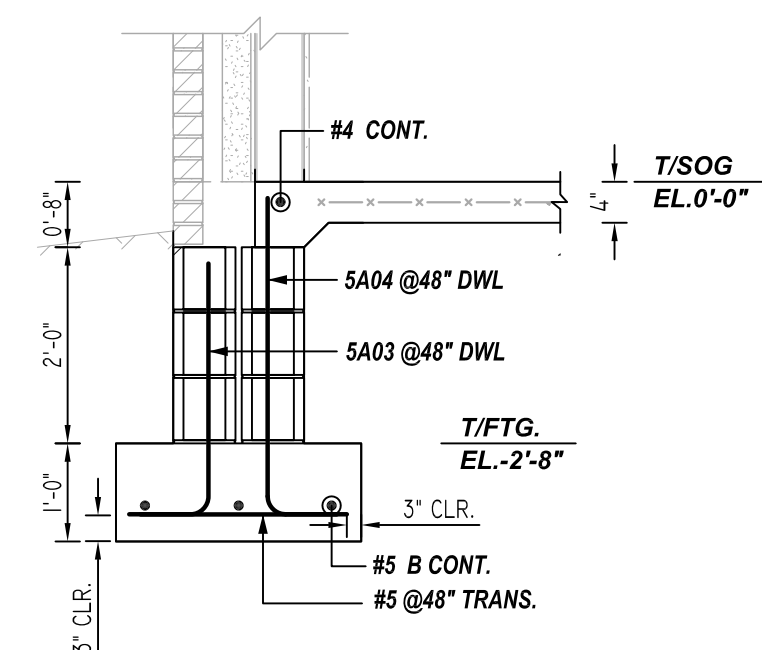
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REF: S3.1/3 (DT.04/04/22)
SCALE: 1/2" = 1'-0"



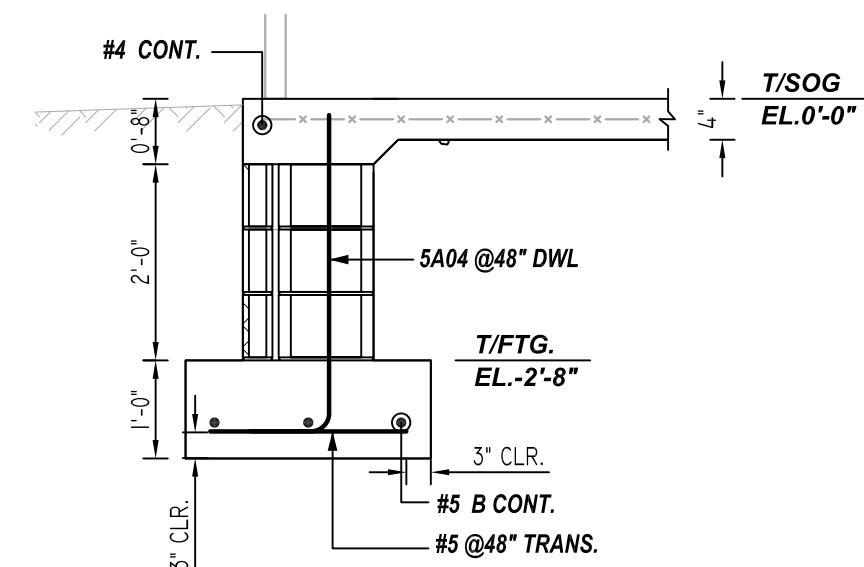
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REF: S3.1/1 (DT.04/04/22)
SCALE: 1/2" = 1'-0"



6 SECTION
REF: S3.1/4 (DT.04/04/22)
SCALE: 1/2" = 1'-0"



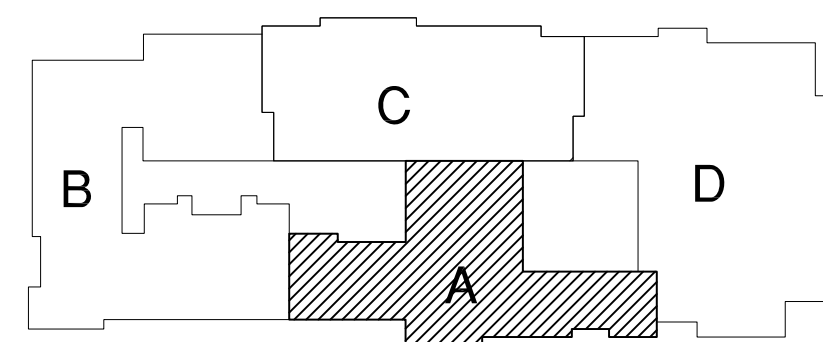
7 SECTION
REF: S3.1/2 (DT.04/04/22)
SCALE: 1/2" = 1'-0"



8 SECTION
REF: S3.2/9 (DT.04/04/22)
SCALE: 1/2" = 1'-0"

TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
FOOTING	3" CLR
PIER	2" CLR

**ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED**



KEY PLAN
REF: S1.1 (DT.04/18/22)
SCALE: 1/12" = 1'-0"

REBAR GRADE 60 ASTM A-615

SPLICES USED		ABBREVIATIONS		BAR MARK SIZE EQUIVALENT	
CLASS B 4,000 psi UNO				Imperial	Soft Metric
TOP BARS	OTHER BARS	ADD.	Additional	#3	#10
#3 24"	#3 19"	B.O.W.	Bottom of wall	#4	#13
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		HORIZ.	Horizontal		
		I.F.	Inside Face		
		INTERS.	Intersection		
		L.W.	long Way		
		N.F.	Near Face		
		O.F.	Outside Face		
		S.W.	Short Way		
		T&B	Top & Bottom		
		T.O.W.	Top of Wall		
		Trans.	Transverse		
		VERT.	Vertical		

MARDELA MIDDLE & HIGH SCHOOL
UNIT A - FOUNDATION SECTION DETAILS
MARDELA SPRINGS, MD 21837

CUSTOMER: -			
DESIGNER: -			
DRAWN BY	DATE	JOB NO	SHEET NO.
RS/MET	06.08.22	-	R04

REV NO	DATE	SENT FOR	REV NO	DATE	SENT FOR
0	06.08.22	APPROVAL			