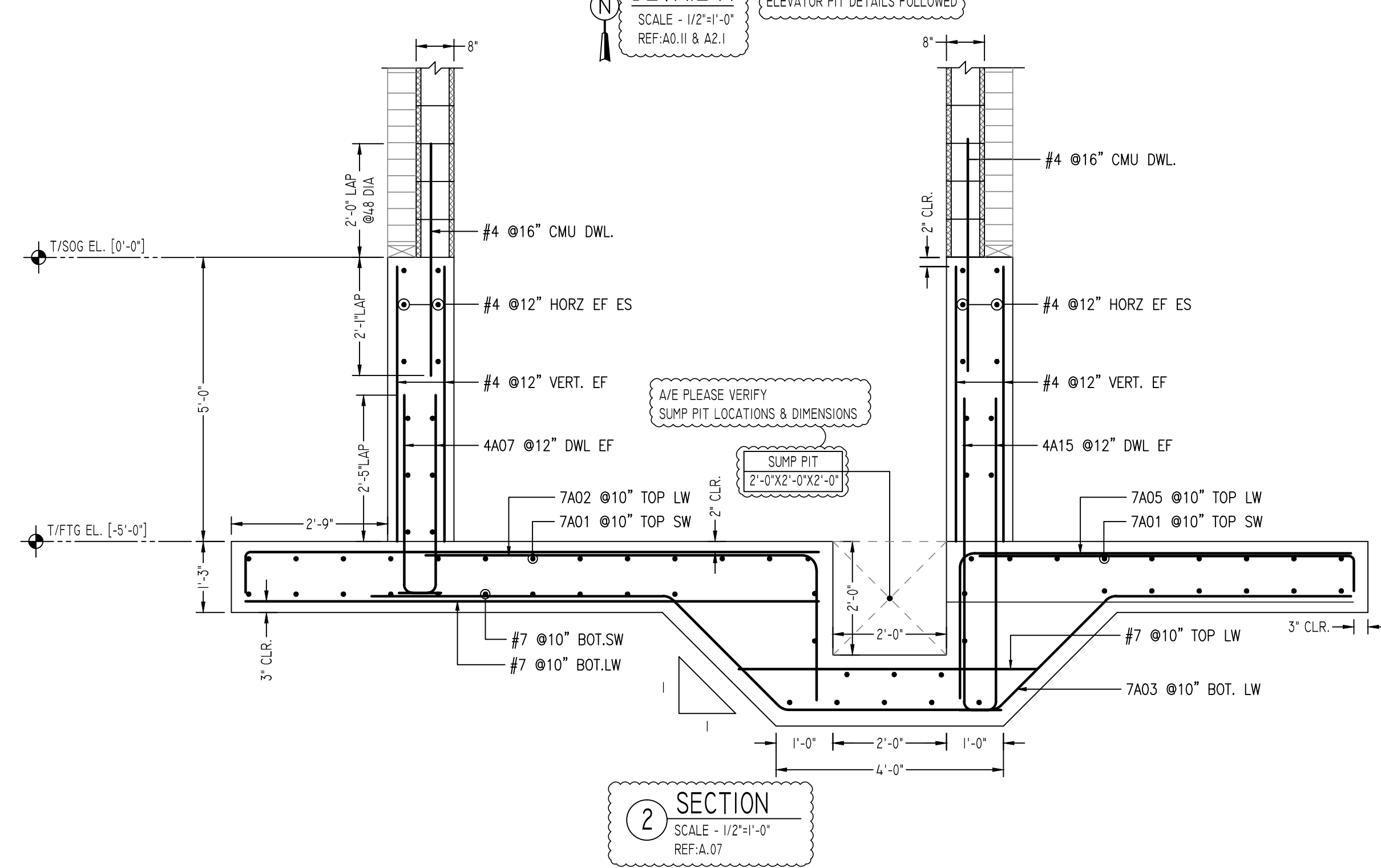
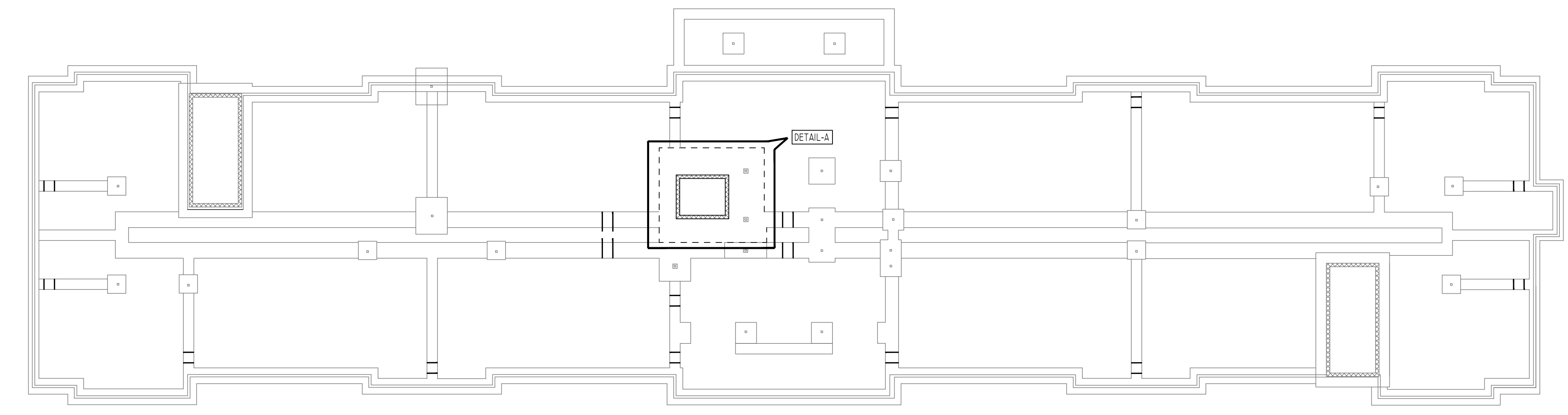


ELEVATOR PIT REINFORCEMENT DETAILS

DETAIL-A
SCALE - 1/2"=1'-0"
REF: A0.11 & A2.1



SECTION 2
SCALE - 1/2"=1'-0"
REF: A.07



KEY PLAN
SCALE - N.T.S.
REF: A2.1

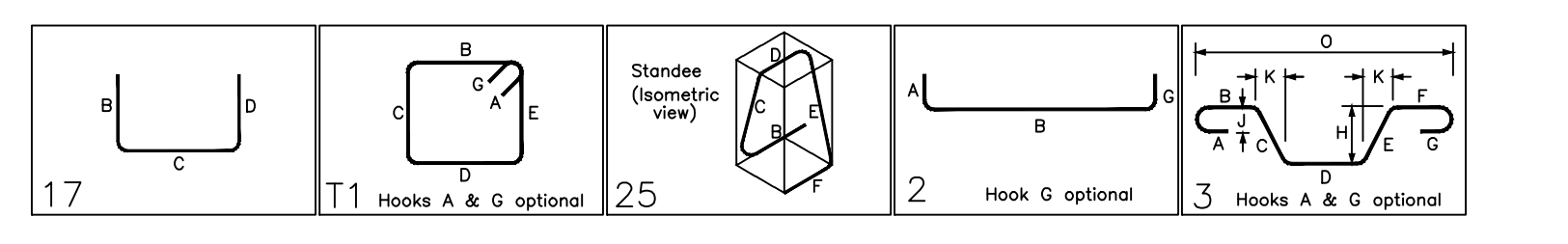
Release Number: R1

Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	X'	Y'	Z'	X'	Y'	Z'	X'	Y'	Z'
4A02	24	#4	6'-27"	17		3'-1"	3'-1"									
4A05	16	#4	5'-11"	11	0'-4 X'	1'-1"	1'-1"	1'-1"	1'-1"							
4A06	20	#4	5'-0 X'	25		1'-6"	0'-7 X'	0'-10"	0'-7 X'	1'-6"				0'-7 X'		0'-3 X'
4A07	58	#4	4'-2"	2	0'-8"	3'-6"										
4A11	48	#4	3'-9"	2	0'-8"	3'-11"										
4A15	18	#4	6'-2"	2	0'-8"	5'-5"										
7A01	25	#7	18'-2"	17	0'-10"	17'-4"	0'-10"									
7A02	22	#7	21'-2"	17	0'-10"	19'-6"	0'-10"									
7A03	5	#7	18'-11 X'	3	5'-3"	2'-10"	3'-9 X'	2'-10"	4'-3"	2'-0 X'			1'-11 X'	17'-2 X'		
7A05	15	#7	9'-6"	17	2'-7"	6'-11"										
7A06	5	#7	17'-4 X'	3	5'-3"	2'-10"	3'-9 X'	2'-10"	2'-8"	2'-0 X'			1'-11 X'	15'-7 X'		
7A07	5	#7	7'-11"	17	2'-7"	5'-4"										
8A01	8	#8	6'-4"	2	1'-4"	5'-0"										

A/E PLEASE VERIFY LAP SCHEDULE WE FOLLOWED (TYP.)

FOR FOUNDATION		FOR CMU WALL	
SIZE	3000 PSI	SIZE	48 @ LAP
#3	28"	#5	18"
#4	37"	#6	24"
#5	47"	#7	30"
#6	56"	#8	36"
#7	81"	#9	42"
#8	93"	#10	48"
#9	105"	#11	55"
#10	118"		61"
#11	131"		68"

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



Abbreviations:

IF=Inside Face	OPNG=Opening
OF=Outside Face	BAL=Balance
EF=Each Face	BTW=Between
DWLS=Dowels	CJ=Construction Joint
V=Vertical	CLR=CLEARANCE
H=Horizontal	CMU=Concrete Masonry Unit
COR=Corner	CONT=Continuous
SLAB DWLS=Slab Dowels	Elev=Elevation
B=Bottom	EMBED=Embedment
T=Top	SW=Short Way
M DWL= Masonry Dowel	LW=Long Way
BB=Bond Beam	BL=Black Bar
ALT=Alternate	(EP)=Epoxy Bar
APPROX= Approximate	(GA)= Galvanized
ES=Each Side	(TB)= Threaded Bar
	(CB)= Coupler Bar

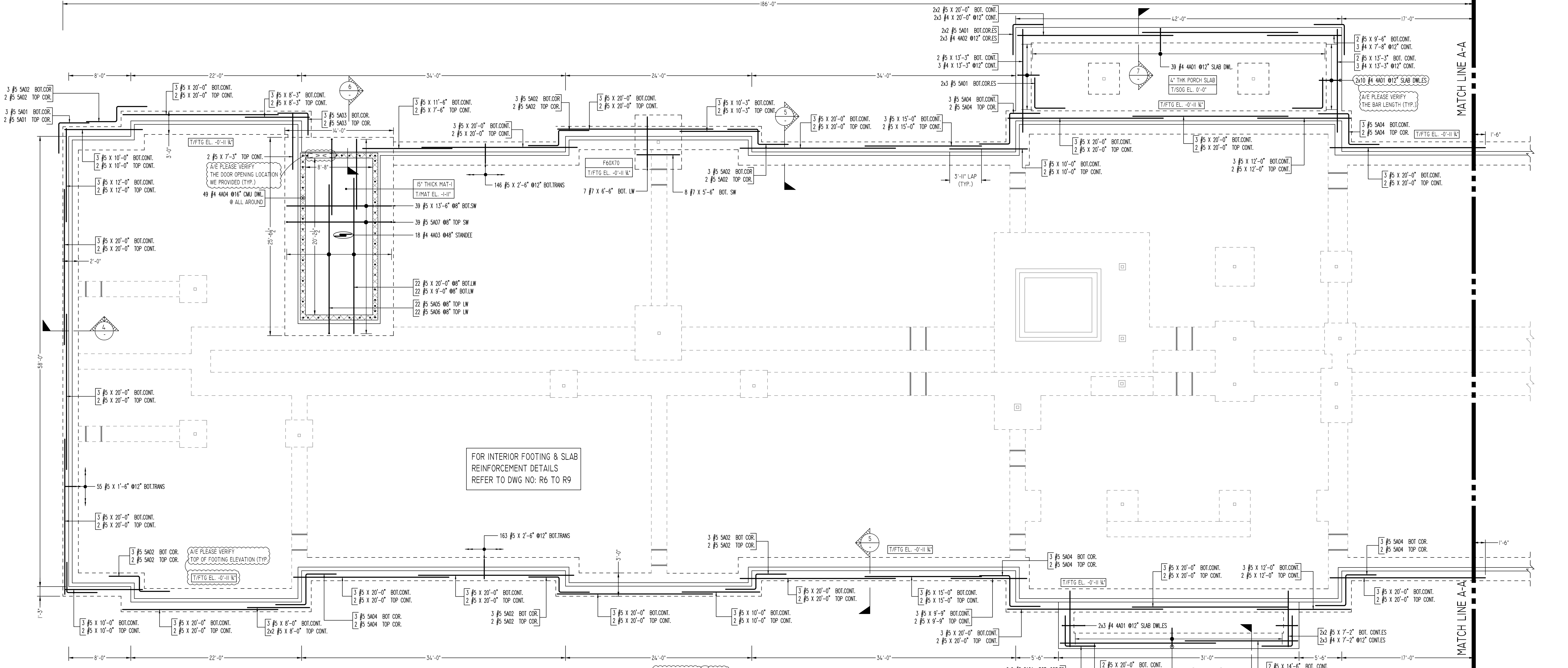
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REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	05/17/2021

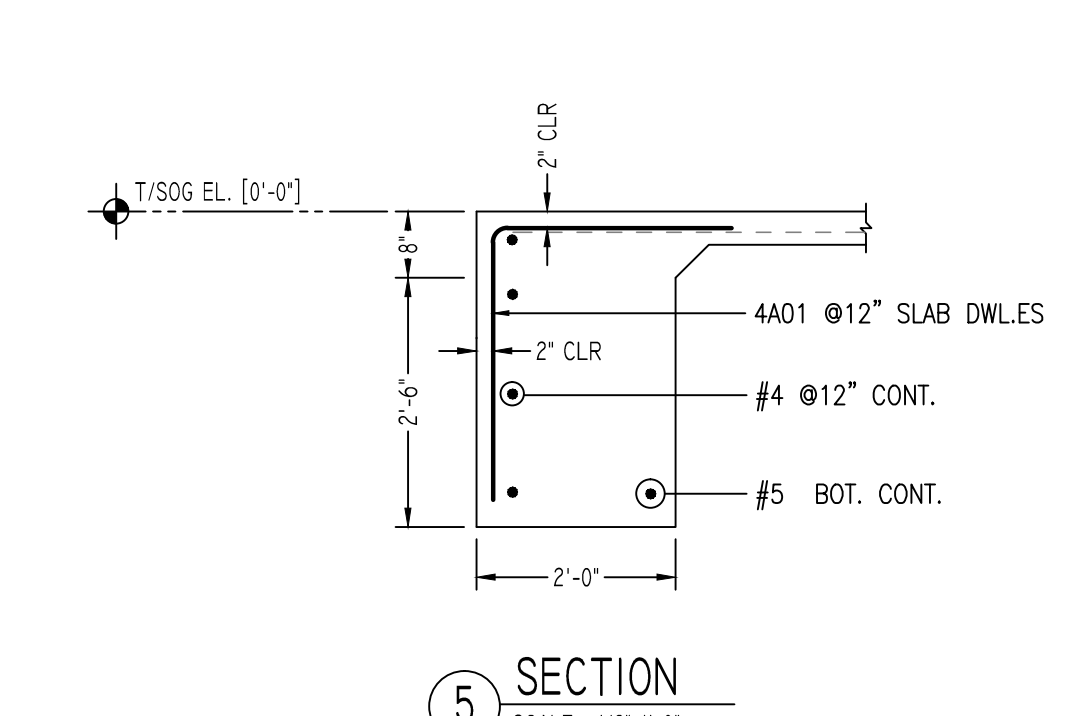
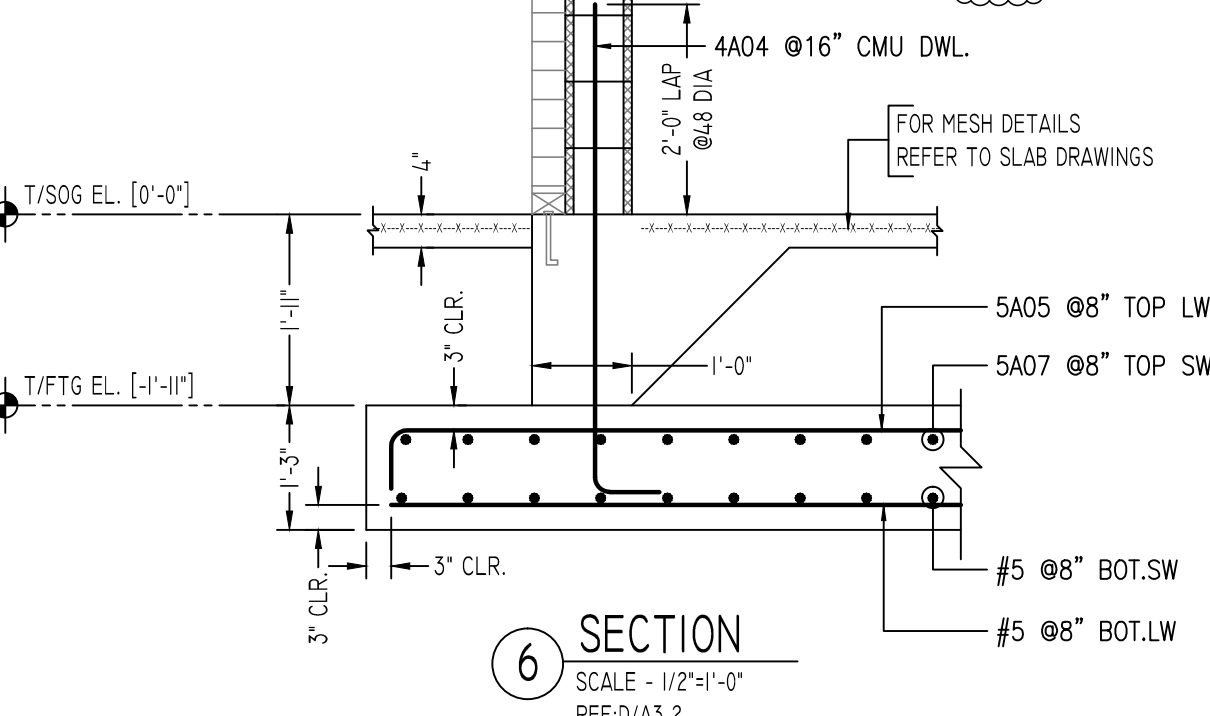
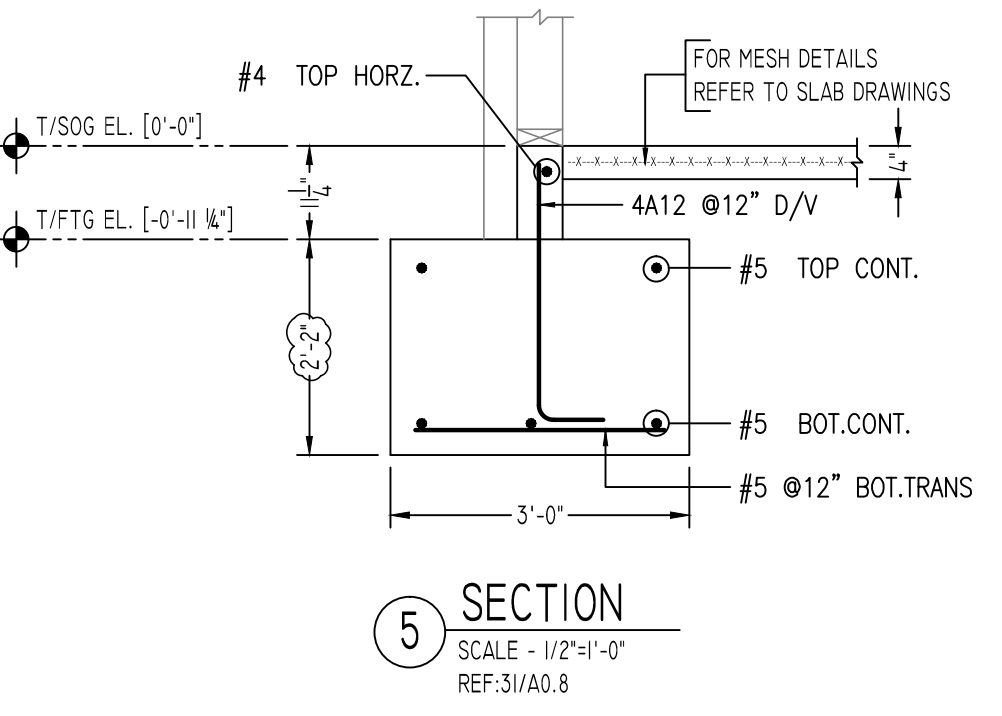
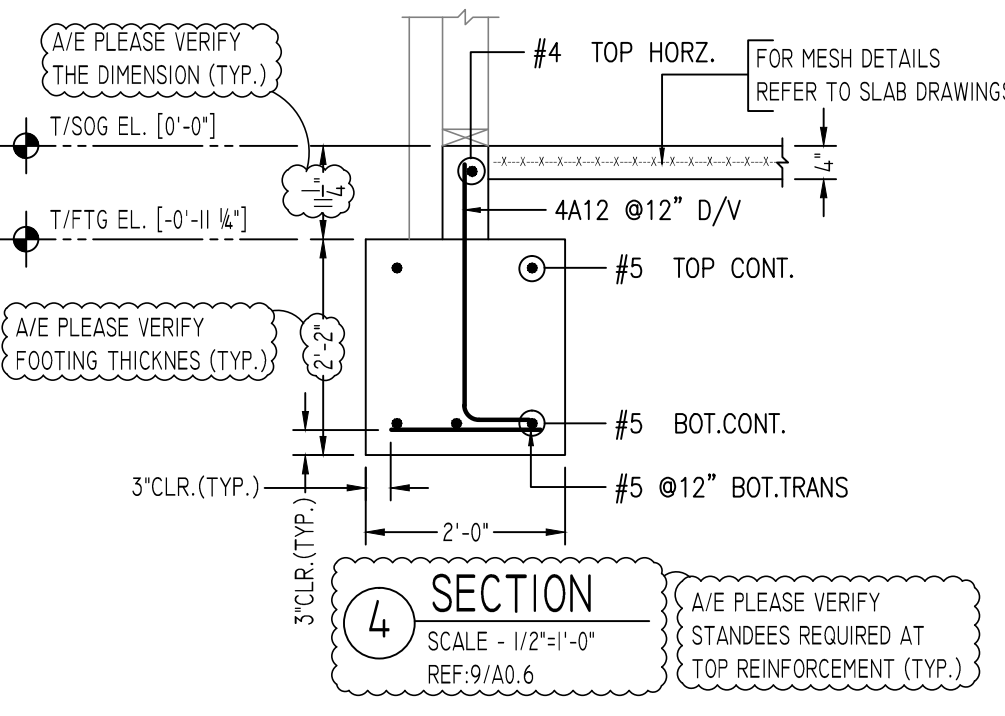
PROJECT	VILLAGE AT BLENHEIM RUN
LOCATION	GREEN STREET HOUSING
ARCHITECT	ARCHITECTURE BY DESIGN
ENGINEER	
CUSTOMER	
DRAWN BY:	MRS
DATE:	05/17/21
REVIEWED BY:	T/L
JOB NO.:	
DRAWING TITLE:	FOUNDATION REINFORCEMENT DETAILS
DRAWING NO.:	R1



FOR INTERIOR FOOTING & SLAB REINFORCEMENT DETAILS REFER TO DWG NO: R6 TO R9

FOUNDATION REINFORCEMENT DETAILS

SCALE - 1/16"=1'-0"
REF: A-2.1



Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
4A01	93	#4	5'-2"	17		2'-5"	2'-9"																							
4A02	12	#4	6'-2"	17		3'-1"	3'-1"																							
4A03	18	#4	5'-0"	25		1'-6"	0'-7"	0'-10"	0'-7"	1'-6"	0'-7"	0'-3'8"																		
4A04	48	#4	5'-7"	2	0'-8"	4'-10"																								
5A01	19	#5	7'-10"	17		3'-11"	3'-11"																							
5A02	30	#5	9'-10"	20		3'-11"	2'-0"	3'-11"																						
5A03	5	#5	6'-9"	17		2'-10"	3'-11"																							
5A04	25	#5	11'-10"	20		3'-11"	4'-0"	3'-11"																						
5A05	22	#5	20'-0"	2	0'-10"	19'-2"																								
5A06	22	#5	10'-7"	2	0'-10"	9'-9"																								
5A07	39	#5	15'-2"	2	0'-10"	13'-6"																								

FOR FOUNDATION
LAP SCHEDULE

SIZE	TOP	OTHERS
#3	28"	22"
#4	37"	29"
#5	47"	36"
#6	56"	43"
#7	81"	63"
#8	93"	72"
#9	105"	81"
#10	118"	91"
#11	131"	101"

FOR CMU WALL
LAP SCHEDULE

SIZE	48 @ LAP
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

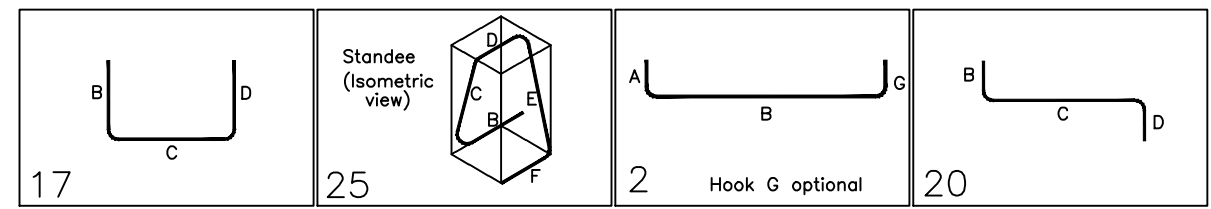
ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

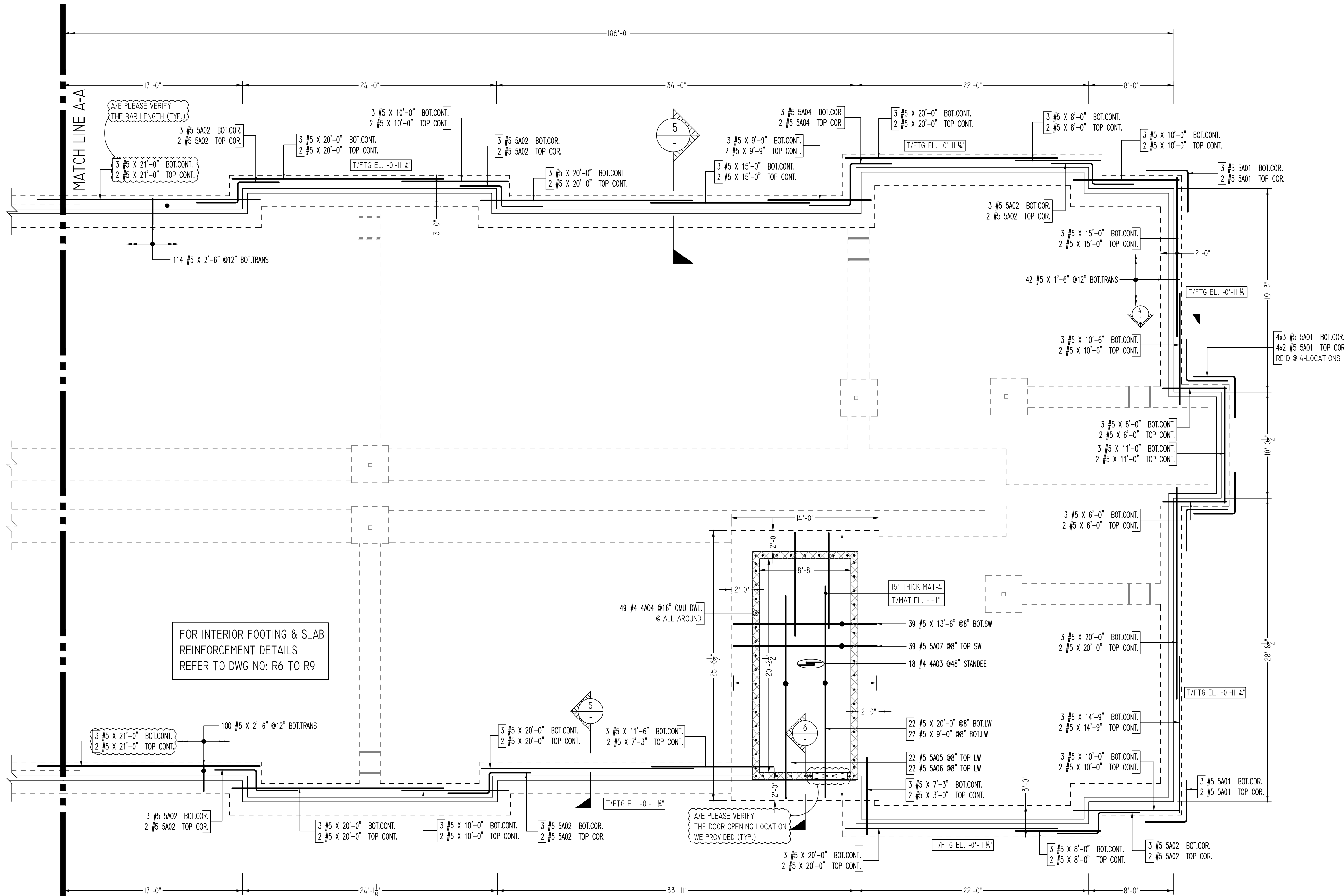
Abbreviations:
IF=Inside Face
OF=Outside Face
EF=Each Face
DWLS=Dowels
V=Vertical
H=Horizontal
COR=Corner
SLAB DWLS=Slab Dowels
T=Top
M DWL= Masonry Dowel
BB=Bond Beam
ALT: Alternate
ES=Each Side
OPNG=Opening
BAL: Balance
BTW=Between
CJ=Construction Joint
CLR: CLEARANCE
CMU=Concrete Masonry Unit
CONT.=Continuous
Elev=Elevation
EMBED=Embedment
SW=Short Way
LW=Long Way
(BL)=Black Bar
(EP)=Epoxy Bar
(GA)=Galvanized
(TB)= Threaded Bar
(CB)= Coupler Bar

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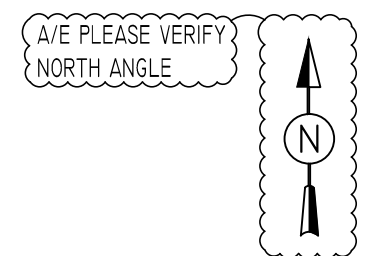
REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	05/17/2021

PROJECT	VILLAGE AT BLENHEIM RUN
LOCATION	GREEN STREET HOUSING
ARCHITECT	ARCHITECTURE BY DESIGN
ENGINEER	
CUSTOMER	
DRAWN BY:	MRS
DATE:	05/17/21
REVIEWED BY:	T/L
JOB NO.:	
DRAWING TITLE:	FOUNDATION REINFORCEMENT DETAILS
DRAWING NO.:	R2

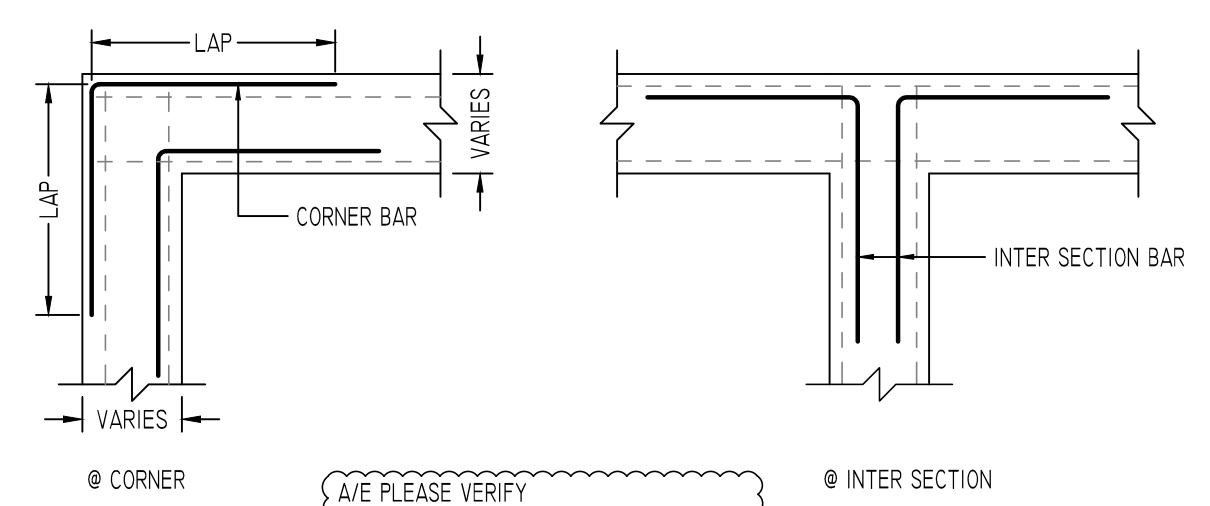
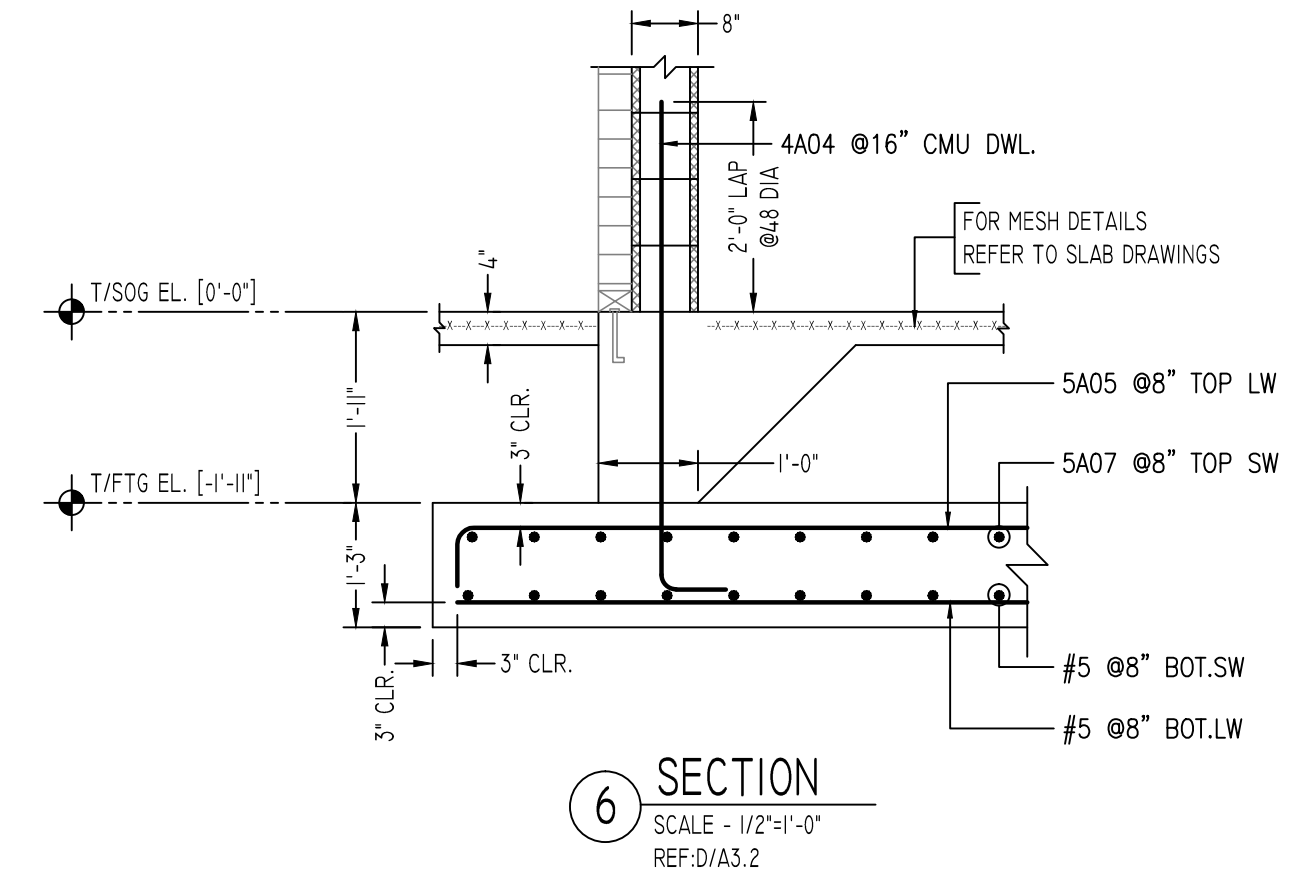
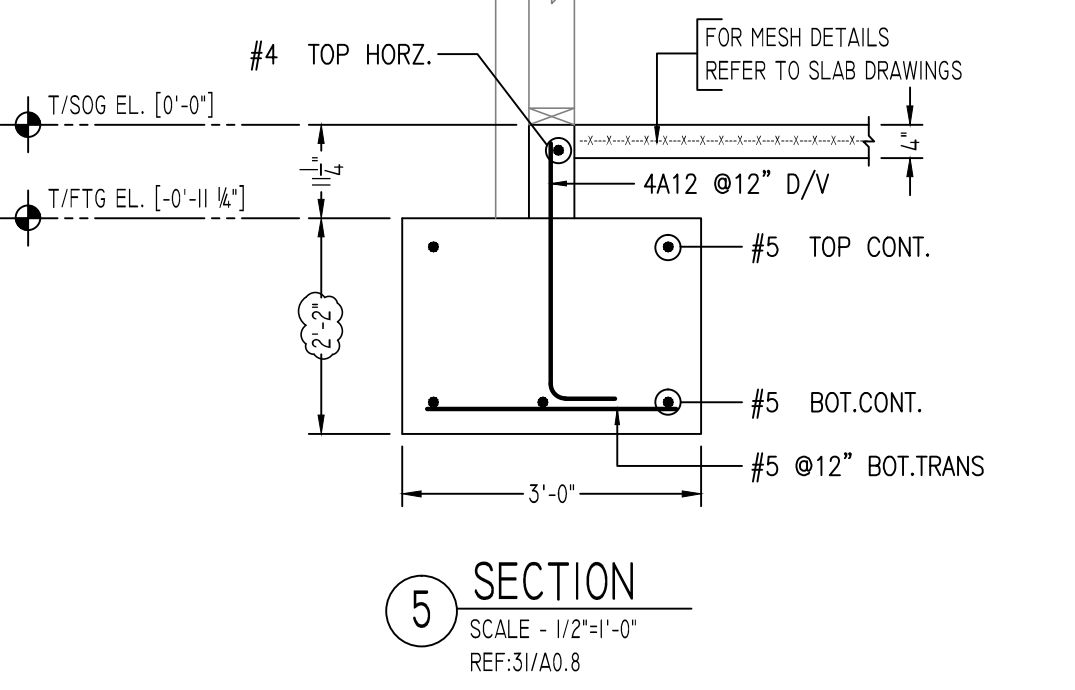
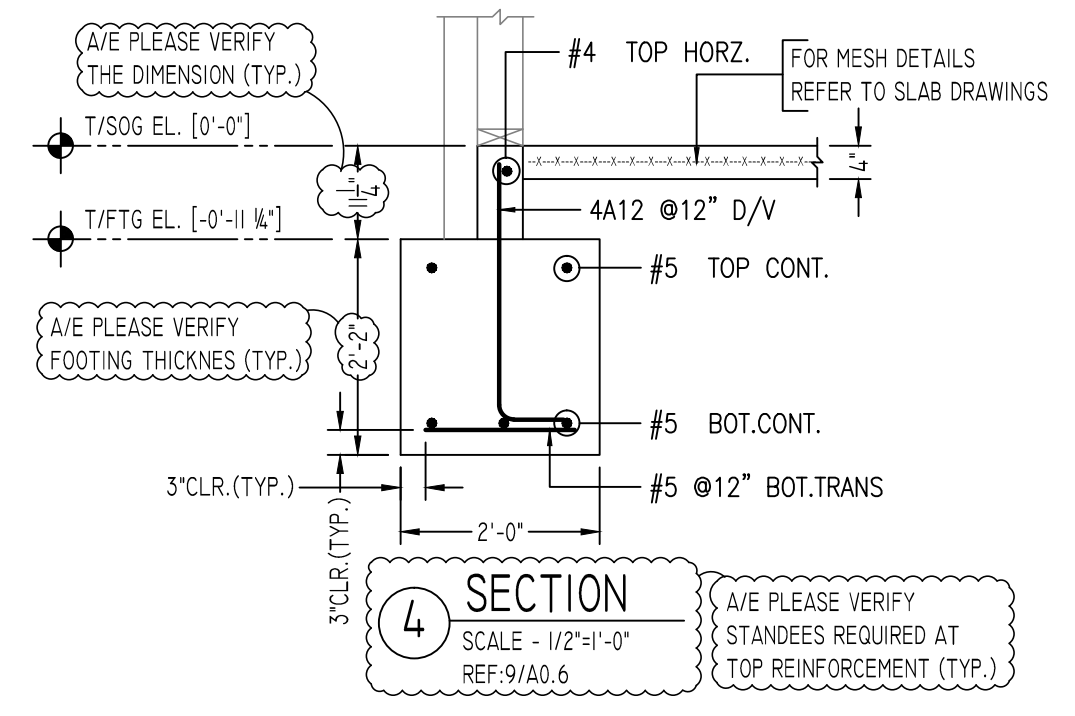




FOR INTERIOR FOOTING & SLAB REINFORCEMENT DETAILS REFER TO DWG NO: R6 TO R9

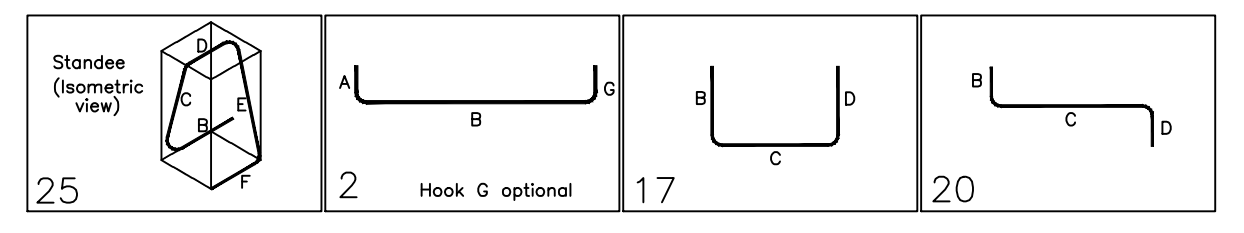


② SPREAD FOOTING AND CONT.FOOTING FOUNDATION REINFORCEMENT DETAILS
SCALE - 1/6"=1'-0"
REF:A-2.1



Release Number: R3

Bar Mark	Qty	Size	Total Length	Type	BENDING DETAILS												
					X	Y	Z	W	V	U	T	S	R	Q	P		
4A03	18	#4	5'-0"	25		1'-6"	0'-7"	0'-10"	0'-7"	1'-6"		0'-7"					
4A04	49	#4	5'-7"	2		4'-11"											
S401	30	#5	7'-10"	17		3'-11"	3'-11"										
S402	30	#5	9'-10"	20		3'-11"	2'-0"	3'-11"									
S404	5	#5	11'-10"	28		3'-11"	4'-0"	3'-11"									
S405	22	#5	20'-0"	2		0'-10"	19'-2"										
S406	22	#5	10'-7"	2		0'-10"	9'-9"										
S407	39	#5	15'-2"	2		0'-10"	13'-6"							0'-10"			



A/E PLEASE VERIFY LAP SCHEDULE WE FOLLOWED (TYP.)

FOR FOUNDATION		FOR CMU WALL	
SIZE	3000 PSI	SIZE	48 Ø LAP
#3	TOP: 28" OTHERS: 22"	#3	18"
#4	37" 29"	#4	24"
#5	47" 36"	#5	30"
#6	56" 43"	#6	36"
#7	81" 63"	#7	42"
#8	93" 72"	#8	48"
#9	105" 81"	#9	55"
#10	118" 91"	#10	61"
#11	131" 101"	#11	68"

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

Abbreviations:
IF=Inside Face
OF=Outside Face
EF=Each Face
DWLS=Dowels
V=Vertical
H=Horizontal
COR=Corner
SLAB DWLS=Slab Dowels
EW=Each Way
B=Bottom
T=Top
M DWL= Masonry Dowel
BB=Bond Beam
ALT: Alternate
APPROX: Approximate
ES=Each Side

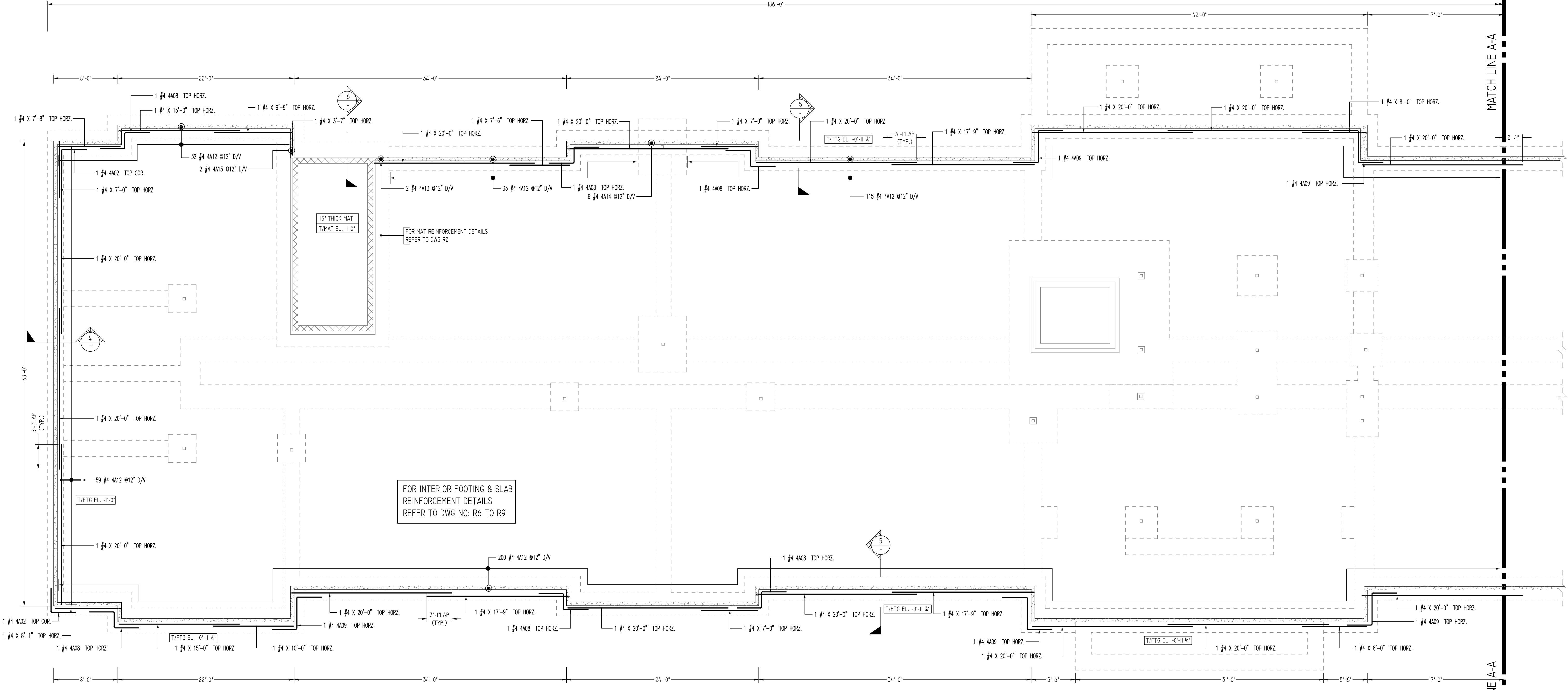
OPNG=Opening
BAL: Balance
BTW=Between
CJ=Construction Joint
CLR: CLEARANCE
CMU=Concrete Masonry Unit
CONT.=Continuous
Elev=Elevation
EMBED=Embedment
SW=Short Way
LW=Long Way
(BL)=Black Bar
(EP)=Epoxy Bar
(GA)=Galvanized
(TB)= Threaded Bar
(CB)= Coupler Bar

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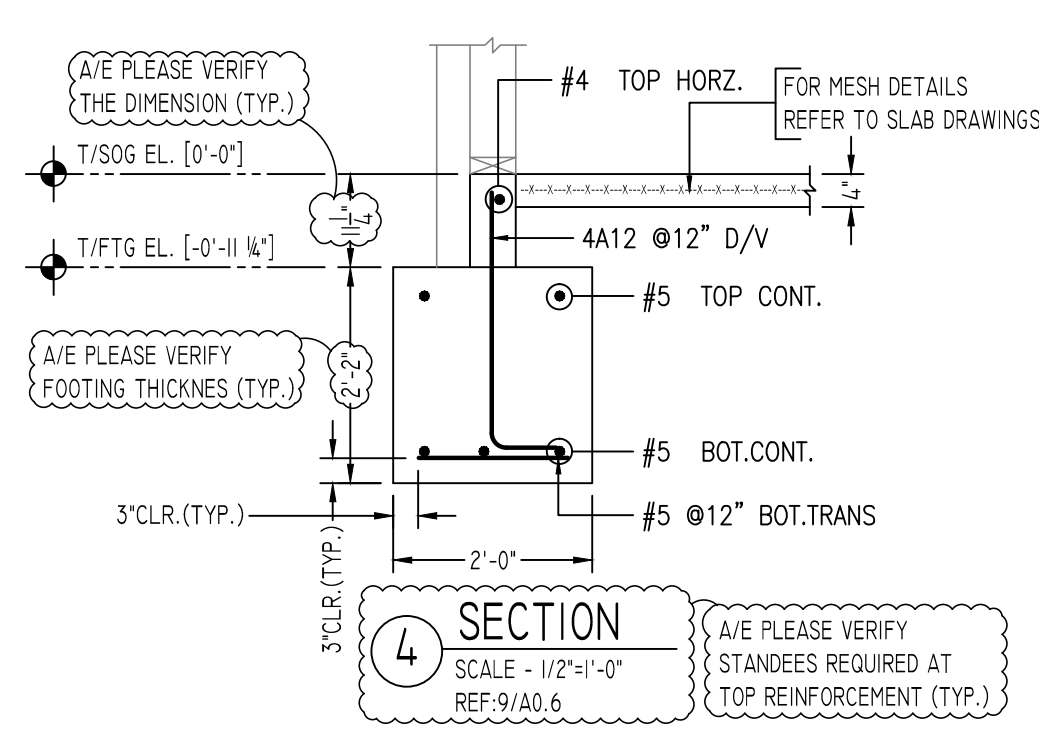
REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	05/17/2021

PROJECT	VILLAGE AT BLENHEIM RUN
LOCATION	GREEN STREET HOUSING
ARCHITECT	ARCHITECTURE BY DESIGN
ENGINEER	-
CUSTOMER	-
DRAWN BY:	MRS
DATE:	05/17/21
REVIEWED BY:	T/L
JOB NO.:	-
DRAWING TITLE:	FOUNDATION REINFORCEMENT DETAILS
DRAWING NO.:	R3

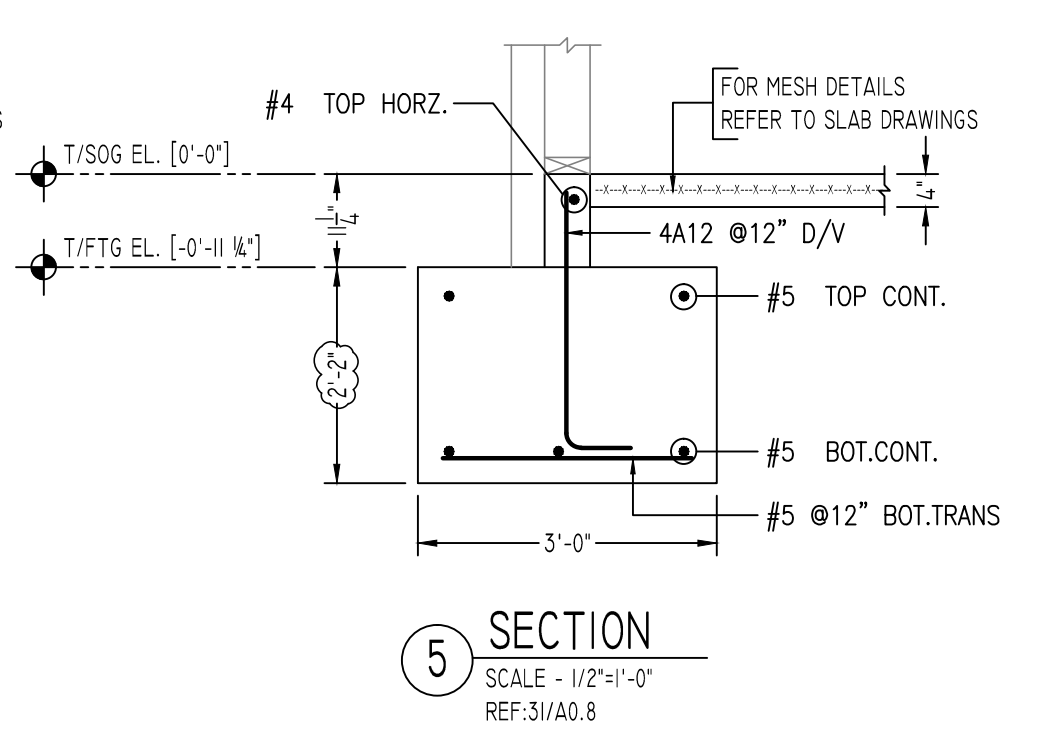


FOR INTERIOR FOOTING & SLAB REINFORCEMENT DETAILS REFER TO DWG NO: R6 TO R9

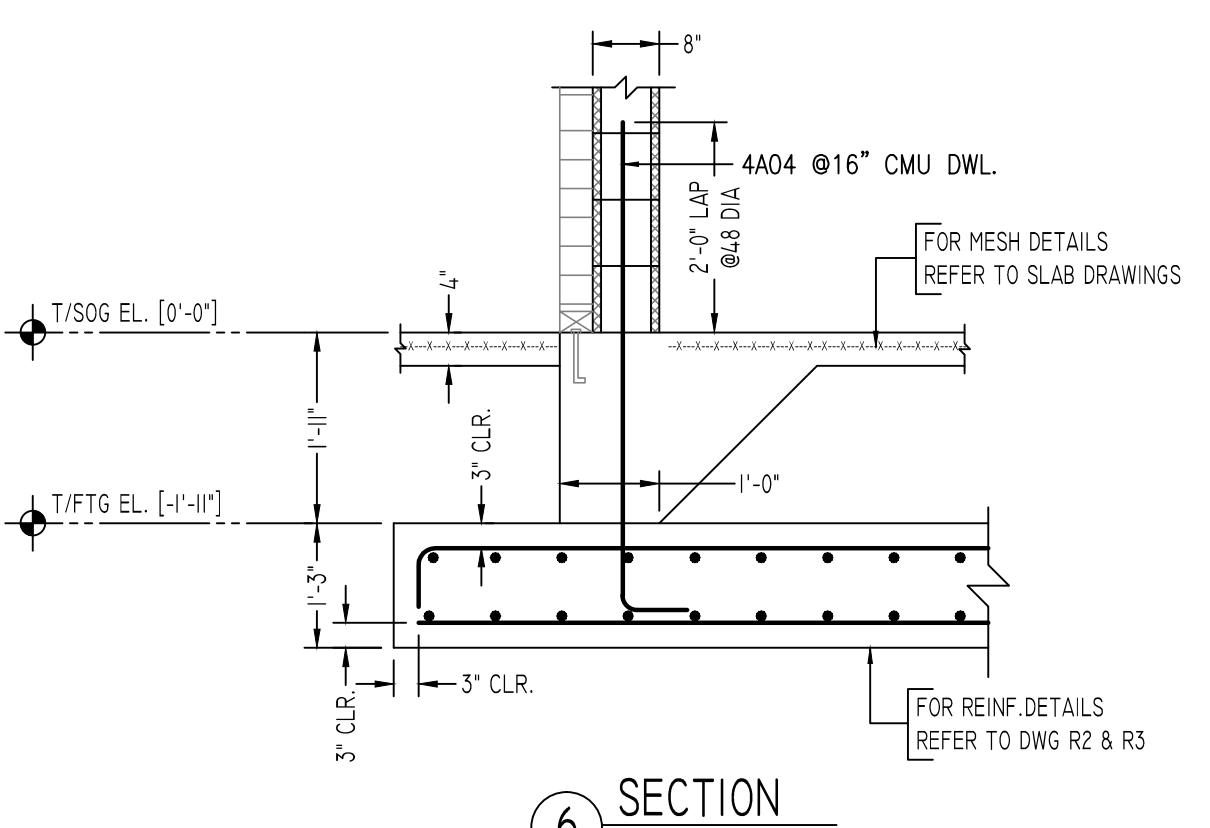
@ STEM WALL
FOUNDATION REINFORCEMENT DETAILS
 SCALE - 1/16"=1'-0"
 REF: A-2.1



SECTION 4
 SCALE - 1/2"=1'-0"
 REF: 9/A0.6



SECTION 5
 SCALE - 1/2"=1'-0"
 REF: 3/A0.8



SECTION 6
 SCALE - 1/2"=1'-0"
 REF: D/A3.2

Release Number: R4

Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'	O'	N'	M'	L'	K'	J'	I'	H'	G'	F'	E'	D'	C'	B'	A'			
4A02	2	#4	6'-2"	17				3'-1"																									
4A08	6	#4	8'-2 1/2"	20				3'-1"	2'-0 1/2"																								
4A09	9	#4	10'-2 1/2"	20				3'-1"	4'-0 1/2"																								
4A12	438	#4	3'-3"	2	0'-8"	2'-7"		4'-0 1/2"	3'-1"																								
4A13	4	#4	2'-5"	2	0'-8"	1'-9"																											
4A14	6	#4	3'-7"	2	0'-8"	2'-11"																											

FOR FOUNDATION

SIZE	3000 PSI	
	TOP	OTHERS
#3	28"	22"
#4	37"	29"
#5	47"	36"
#6	56"	43"
#7	81"	63"
#8	93"	72"
#9	105"	81"
#10	118"	91"
#11	131"	101"

FOR CMU WALL

SIZE	48 @ LAP	
	TOP	OTHERS
#3	18"	
#4	24"	
#5	30"	
#6	36"	
#7	42"	
#8	48"	
#9	55"	
#10	61"	
#11	68"	

ALL BARS IN THIS DRAWING
 ASTM A615 GRADE 60
 BLACK UNCOATED

Abbreviations:

IF=Inside Face	OPNG=Opening
OF=Outside Face	BAL=Balance
EF=Each Face	BTW=Between
DWLS=Dowels	CJ=Construction Joint
V=Vertical	CLR=CLEARANCE
H=Horizontal	CMU=Concrete Masonry Unit
COR=Corner	CONT.=Continuous
SLAB DWLS=Slab Dowels	Elev=Elevation
EW=Each Way	EMBED=Embedment
B=Bottom	SW=Short Way
T=Top	LW=Long Way
M DWL= Masonry Dowel	(BL)=Black Bar
BB=Bond Beam	(EP)=Epoxy Bar
ALT: Alternate	(GA)=Galvanized
ES=Each Side	(TB)= Threaded Bar
	(CB)= Coupler Bar

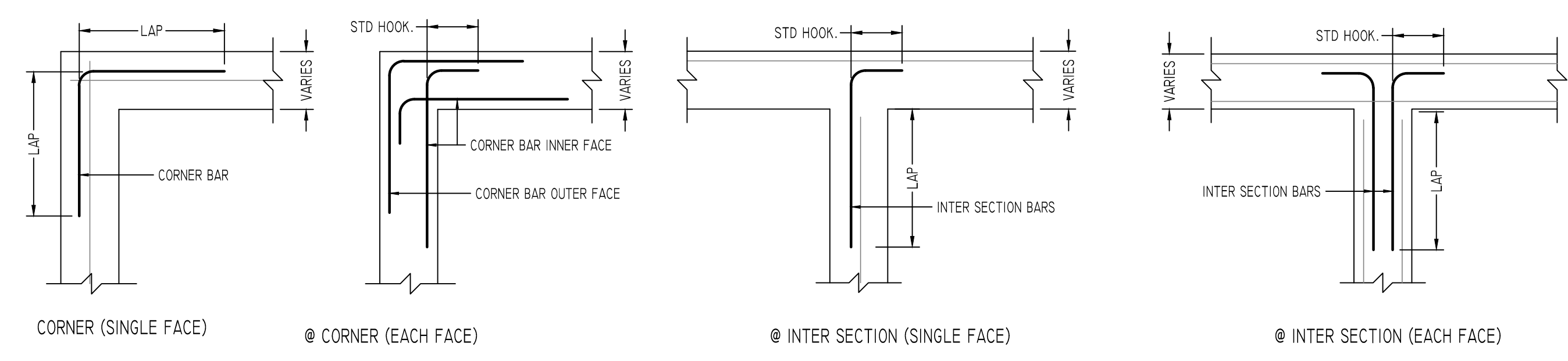
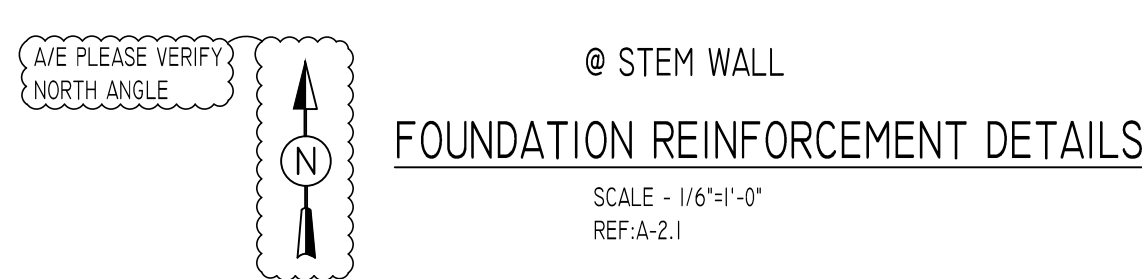
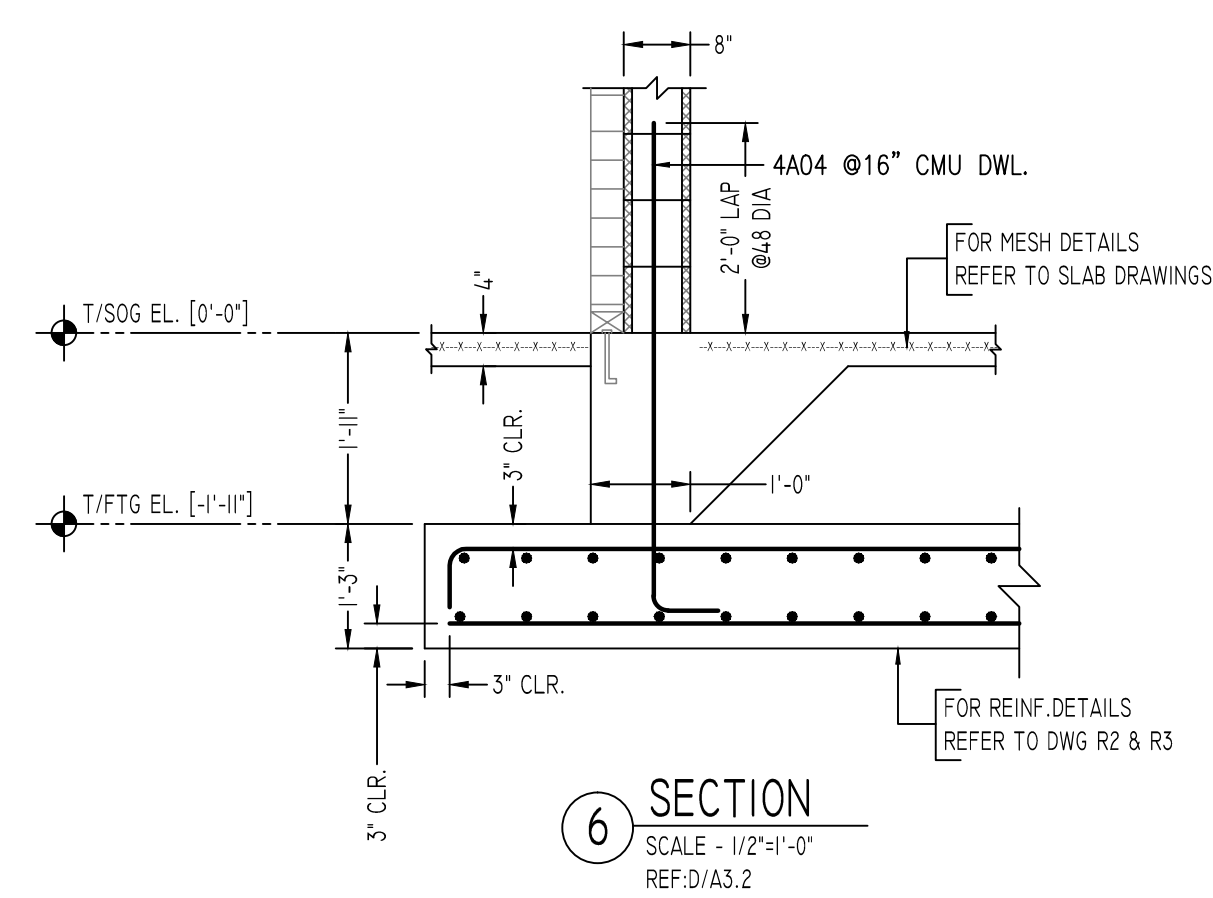
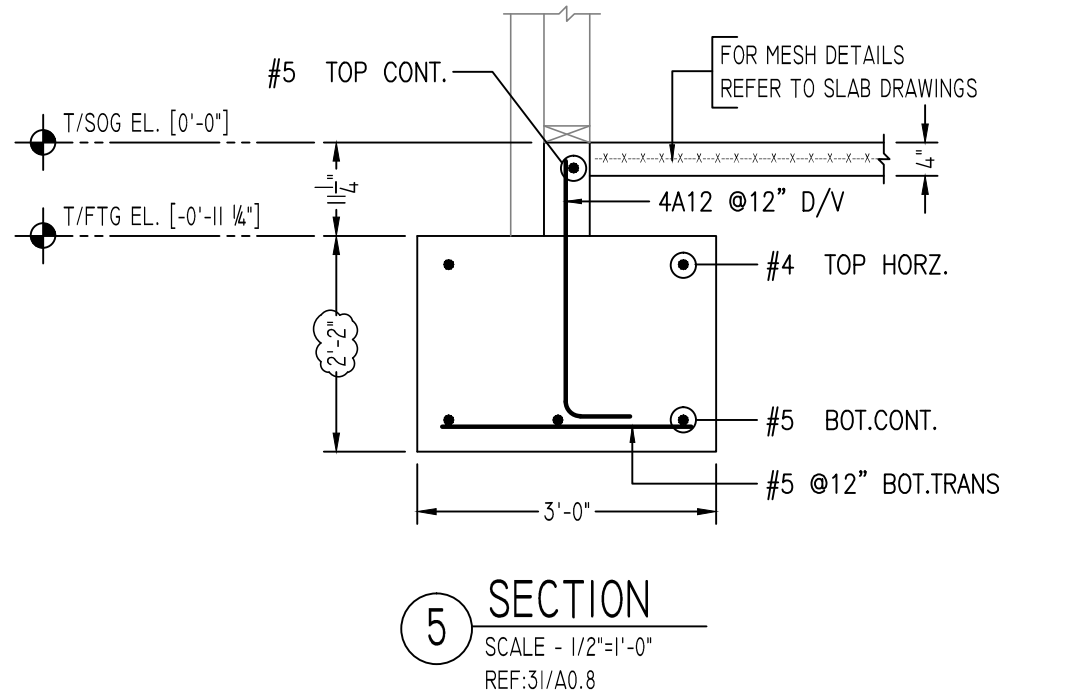
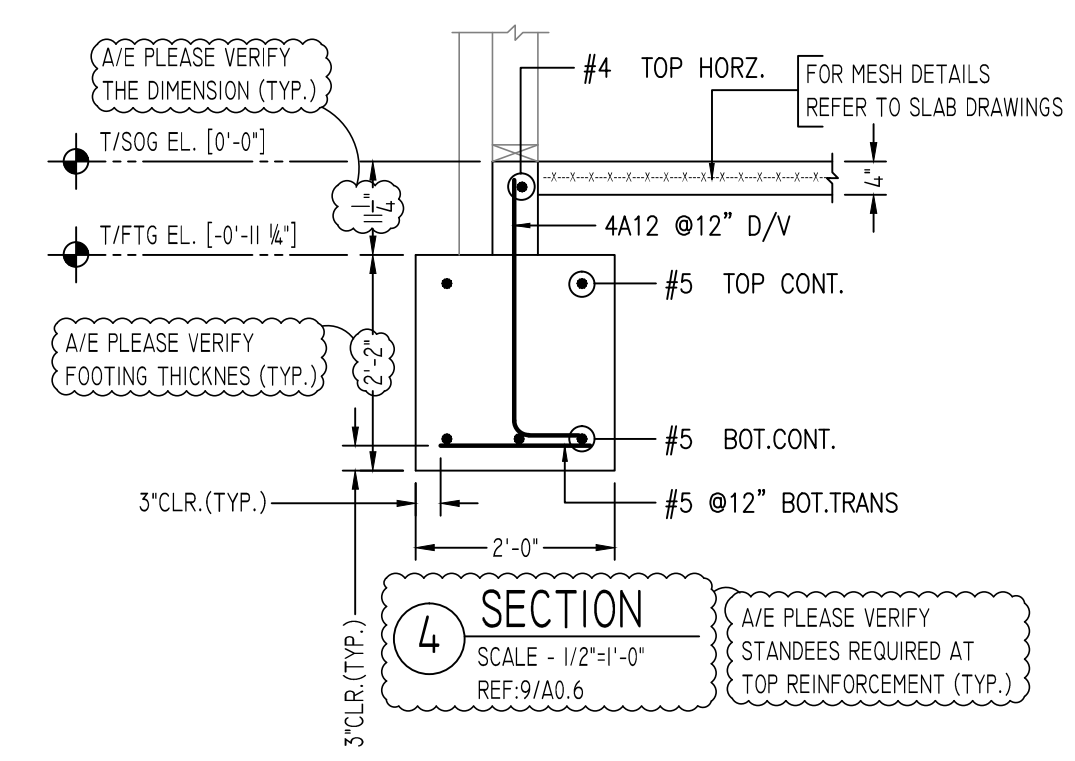
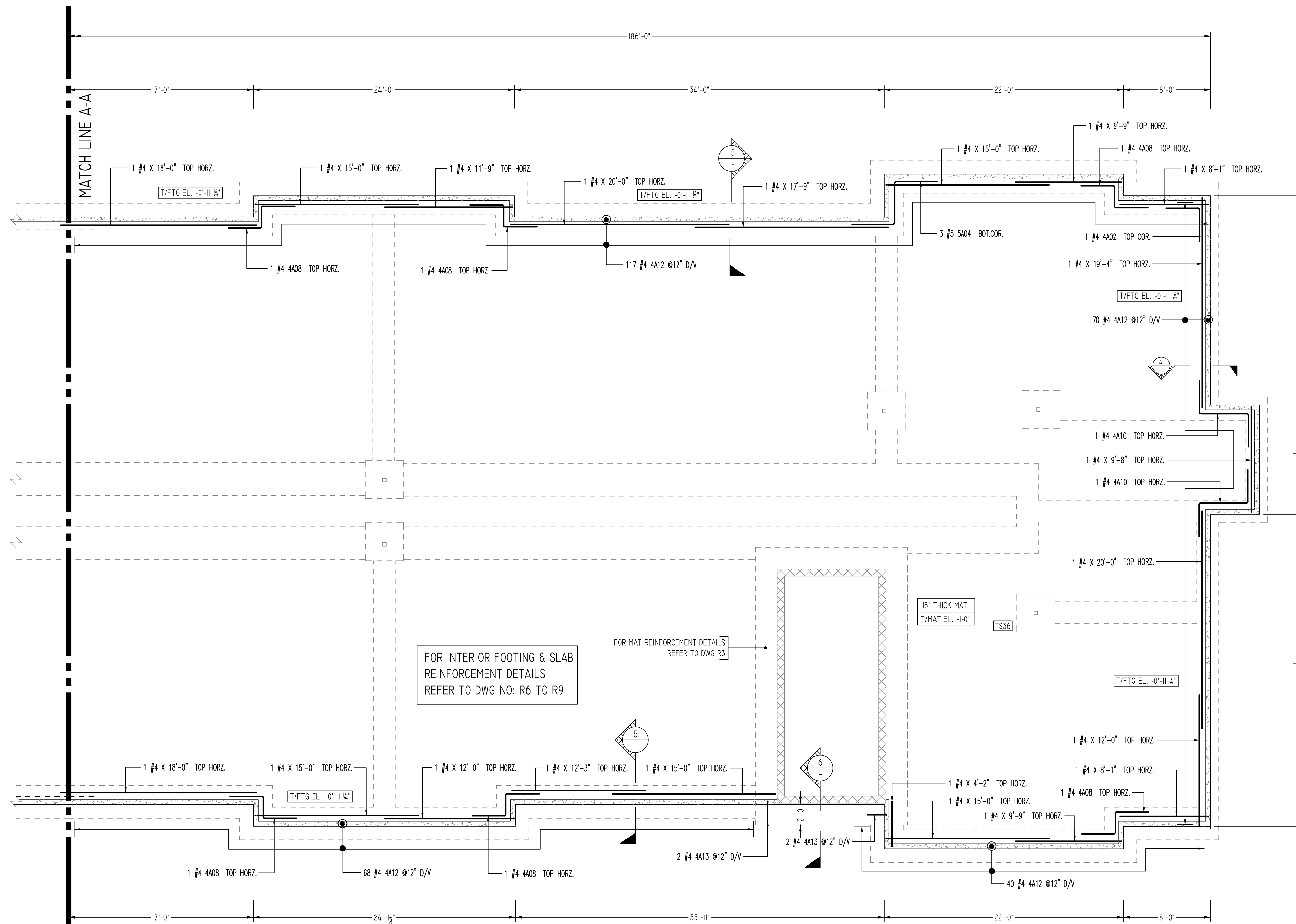
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REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	05/17/2021

PROJECT	VILLAGE AT BLENHEIM RUN
LOCATION	GREEN STREET HOUSING
ARCHITECT	ARCHITECTURE BY DESIGN
ENGINEER	
CUSTOMER	
DRAWN BY:	MRS
DATE:	05/17/21
REVIEWED BY:	T/L
JOB NO.:	
DRAWING TITLE:	FOUNDATION REINFORCEMENT DETAILS
DRAWING NO.:	R4



FOR FOUNDATION LAP SCHEDULE

SIZE	3000 PSI	
	TOP	OTHERS
#3	28"	22"
#4	37"	29"
#5	47"	36"
#6	56"	43"
#7	81"	65"
#8	93"	72"
#9	105"	81"
#10	118"	91"
#11	131"	101"

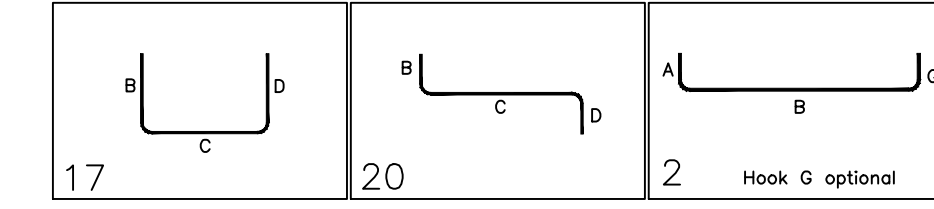
FOR CMU WALL LAP SCHEDULE

SIZE	48 @ LAP
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

Release Number: R5

Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	X''	Y''	Z''	X'''	Y'''	Z'''
4A02	1	#4	6'-2"	17		3'-1"	3'-1"						
4A08	6	#4	8'-2"	20		3'-1"	2'-0"	3'-1"					
4A10	2	#4	10'-8"	20		3'-1"	4'-6"	3'-1"					
4A12	285	#4	3'-3"	2		0'-8"	2'-7"						
4A13	4	#4	2'-5"	2		0'-8"	1'-8"						
5A04	3	#5	11'-10"	20		3'-11"	4'-0"	3'-11"					



Abbreviations:
IF=Inside Face
OF=Outside Face
EF=Each Face
DWLS=Dowels
V=Vertical
H=Horizontal
COR=Corner
SLAB DWLS=Slab Dowels
EW=Each Way
B=Bottom
T=Top
M DWL= Masonry Dowel
BB=Bond Beam
ALT: Alternate
ES=Each Side

OPNG=Opening
BAL=Balance
BTW=Between
CJ=Construction Joint
CLR=CLEARANCE
CMU=Concrete Masonry Unit
CONT=Continuous
Elev=Elevation
EMBED=Embedment
S=Short Way
LW=Long Way
BL=Black Bar
(EP)=Epoxy Bar
(GA)=Galvanized
(TB)= Threaded Bar
(CB)= Coupler Bar

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REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	05/17/2021

PROJECT	VILLAGE AT BLENNHEIM RUN
LOCATION	GREEN STREET HOUSING
ARCHITECT	ARCHITECTURE BY DESIGN
ENGINEER	
CUSTOMER	
DRAWN BY:	MRS
DATE:	05/17/21
REVIEWED BY:	T/L
JOB NO.:	
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