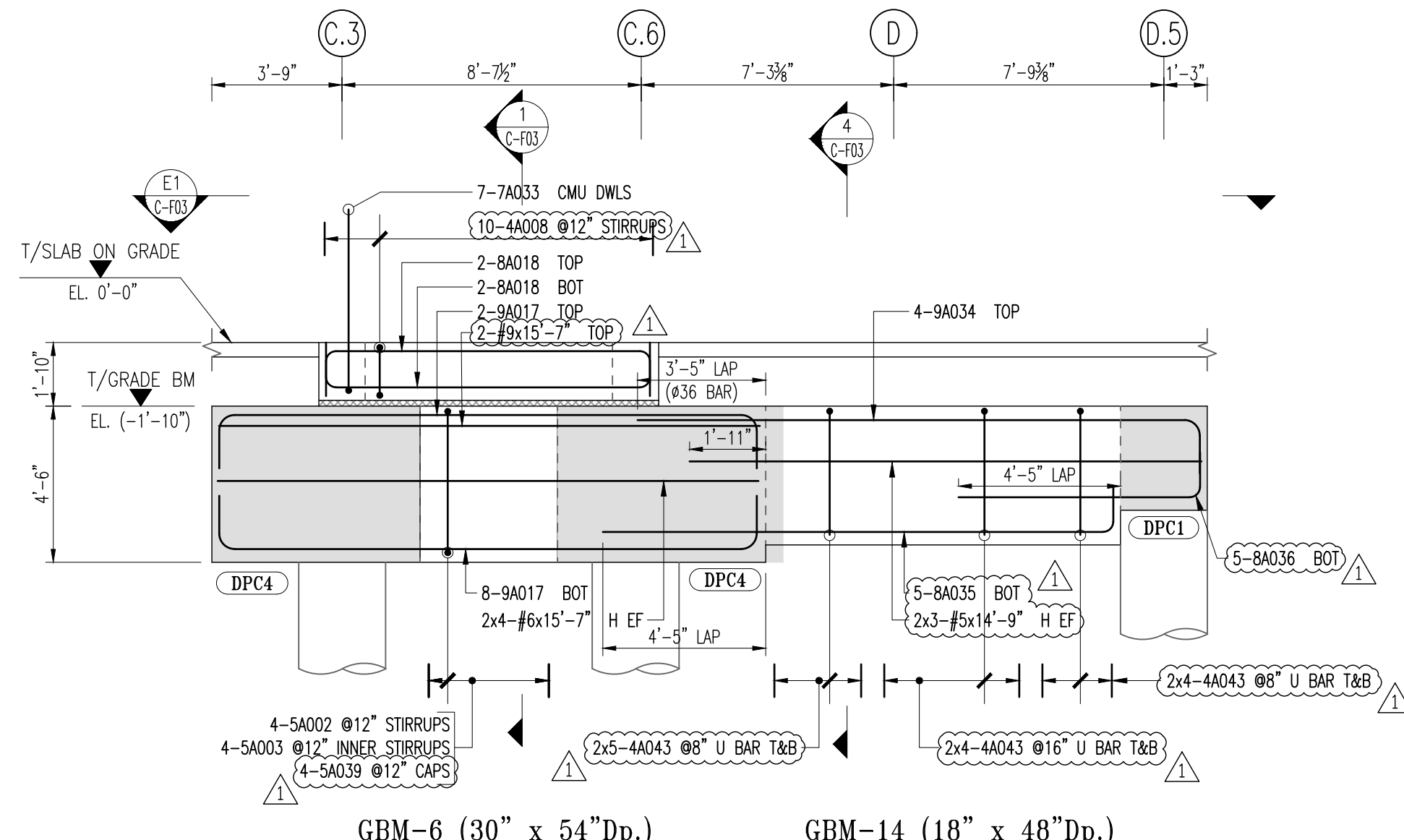
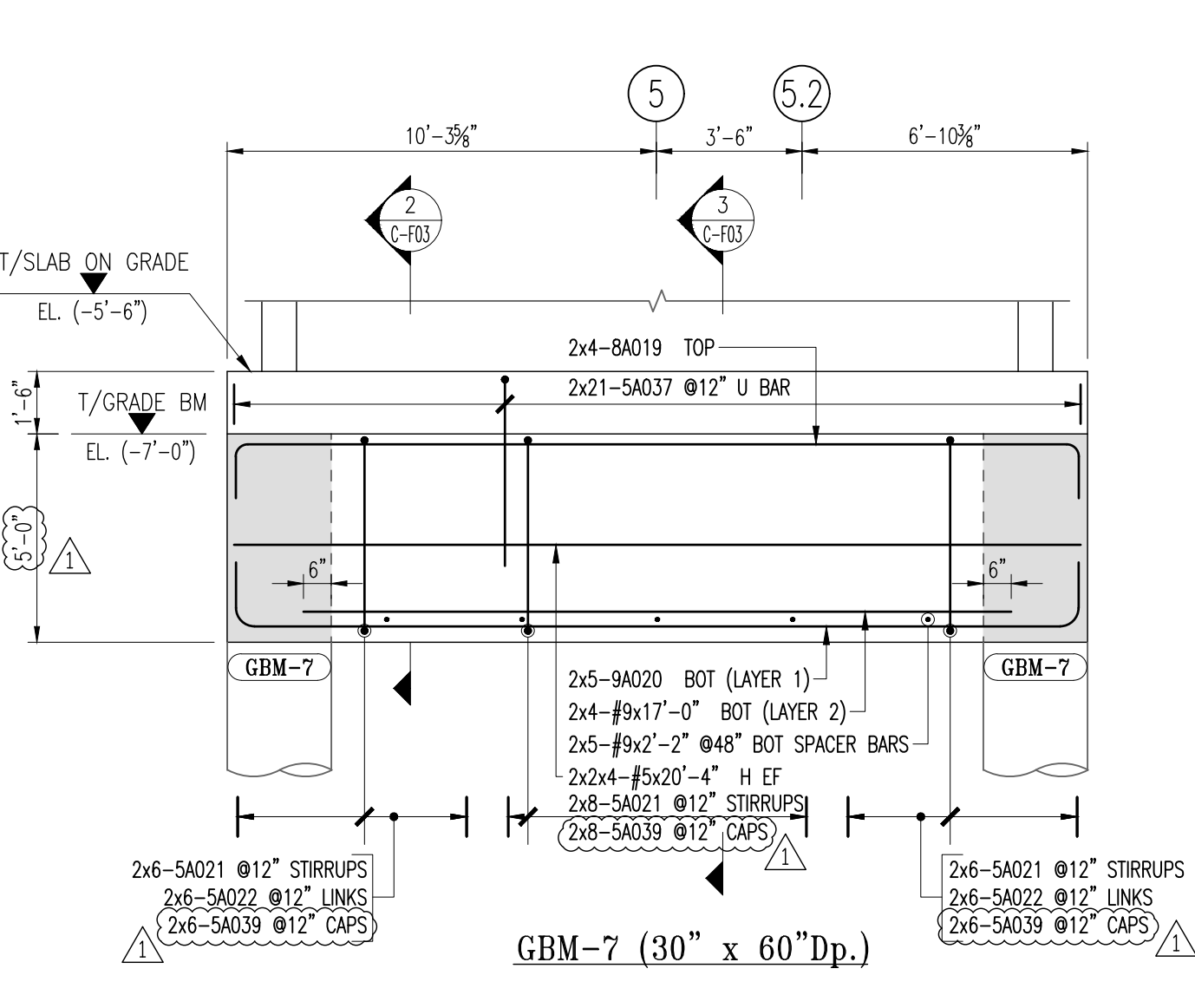


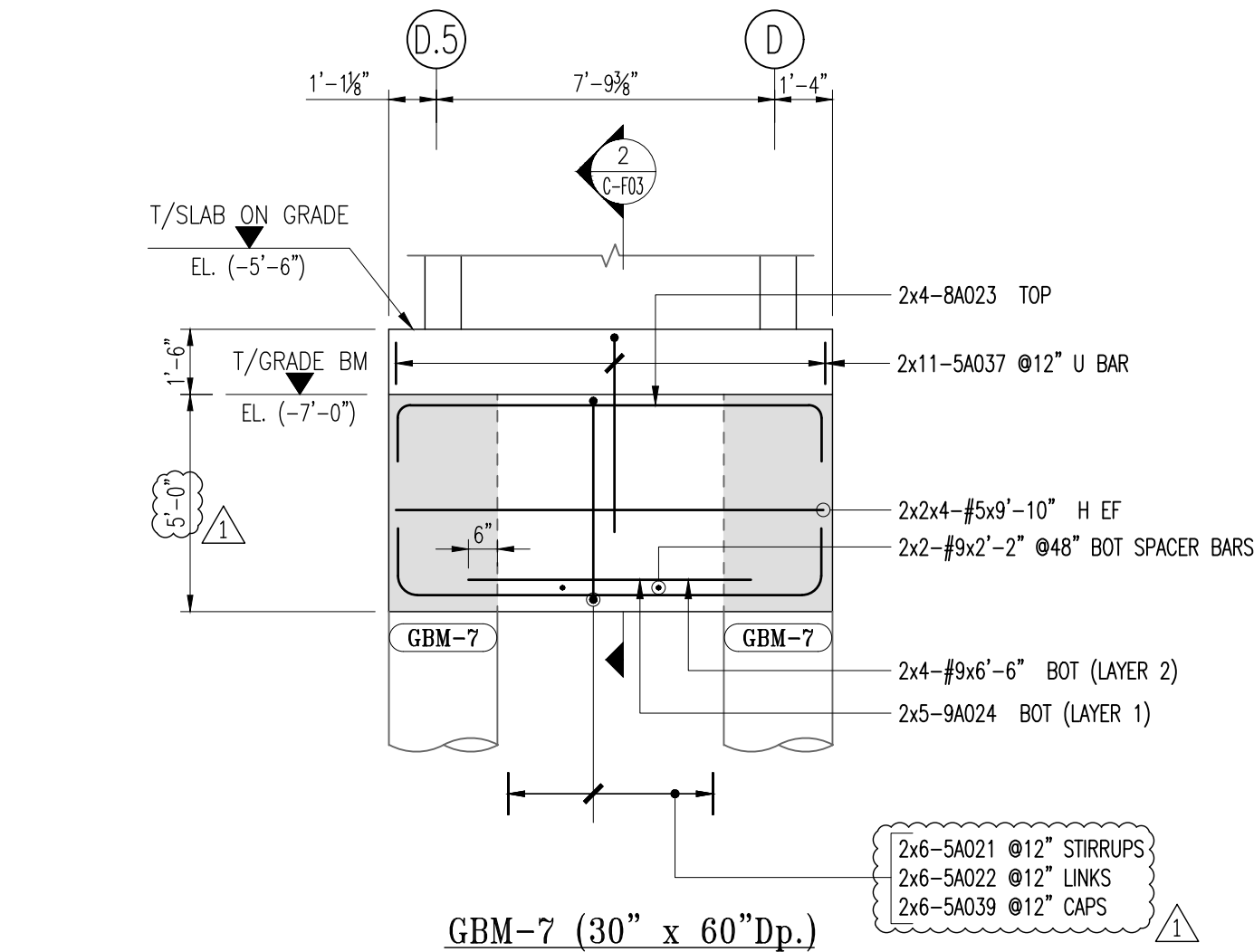
D GRADE BEAM ELEVATION (AT GRID 5.2/C.3-C.6)  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)  
2 LOCATIONS



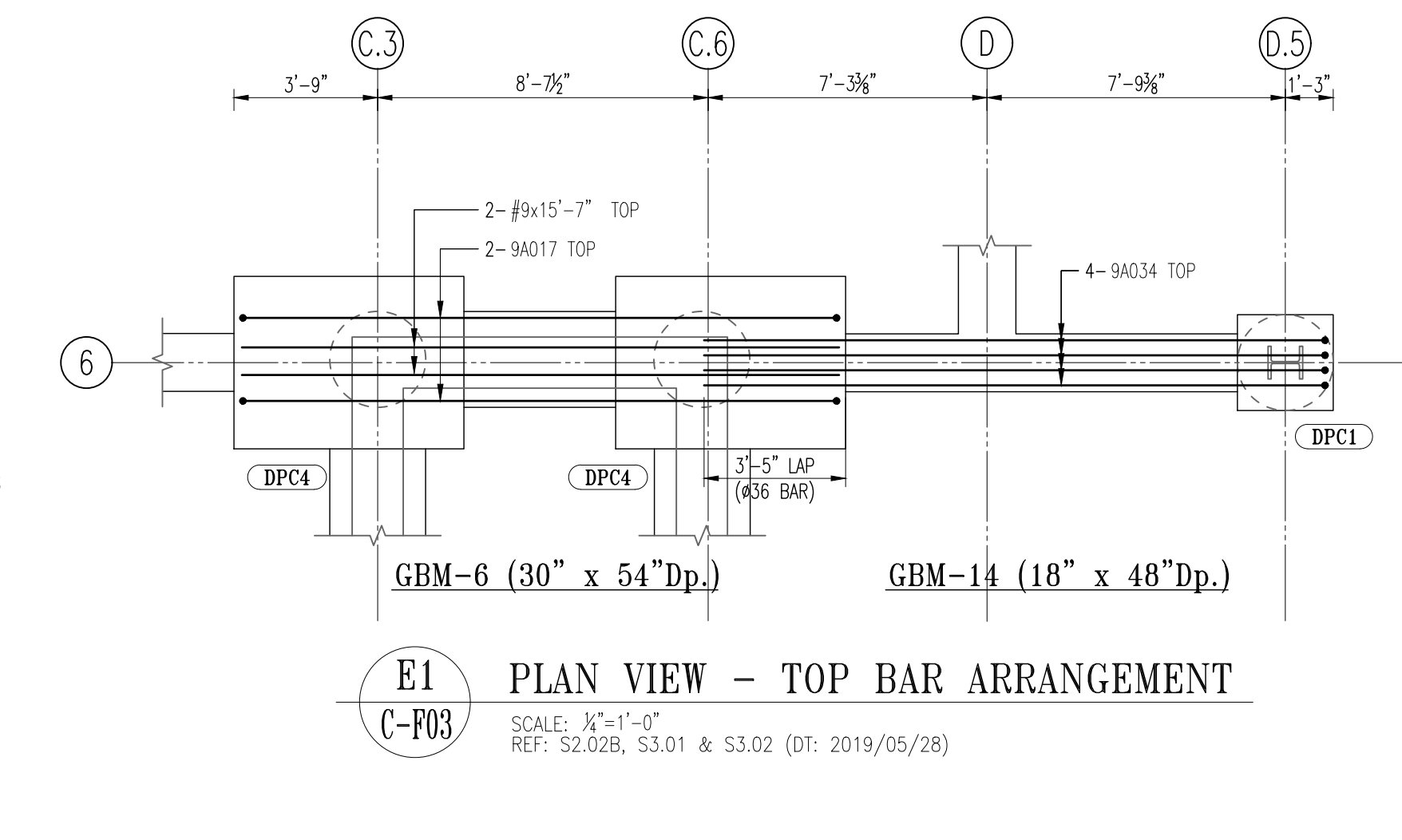
E GRADE BEAM ELEVATION (ALONG GRID 6/C.3-D.5)  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)



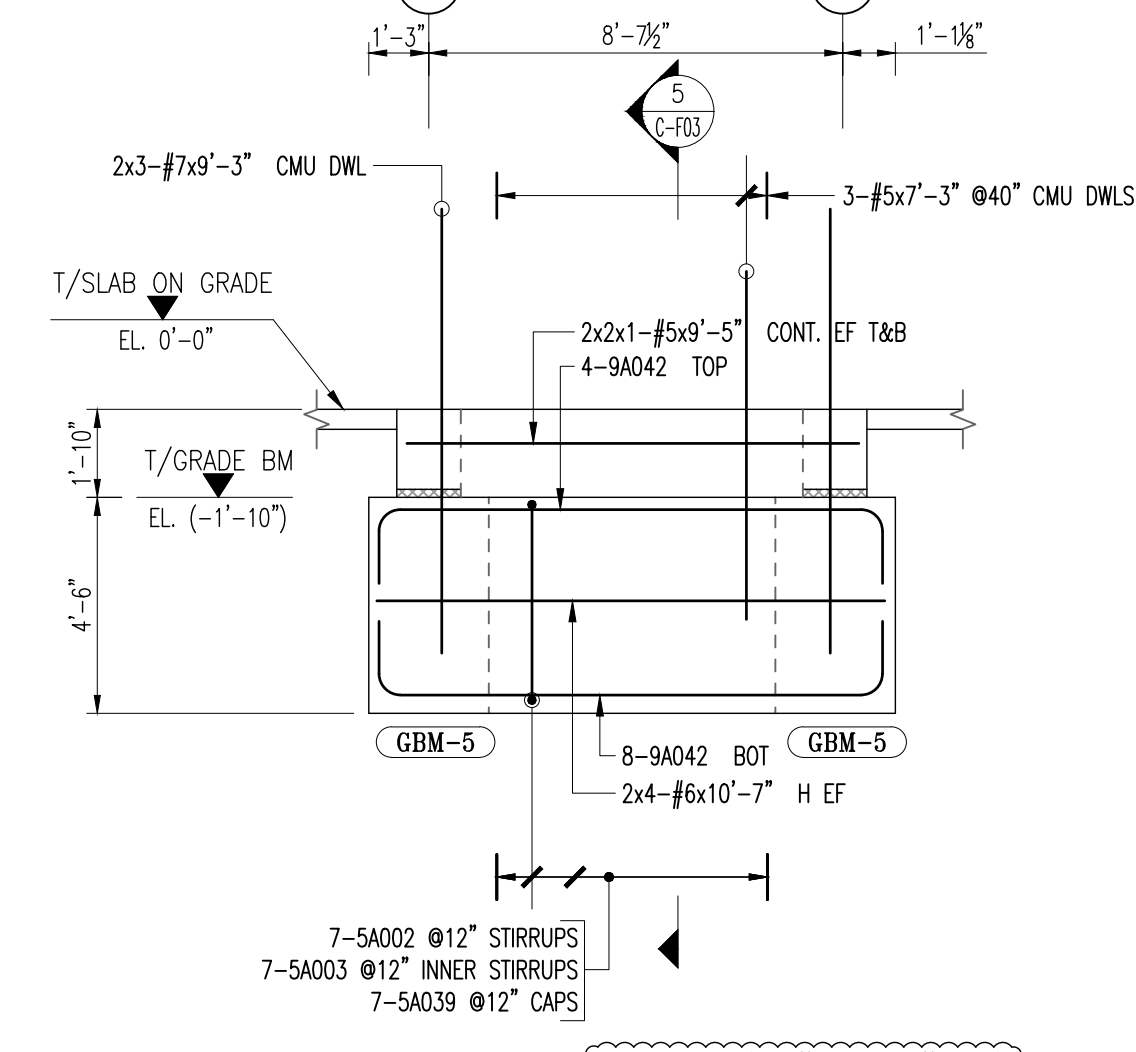
F GRADE BEAM ELEVATION (ALONG GRIDS D-D.5/4-6)  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)  
2 LOCATIONS



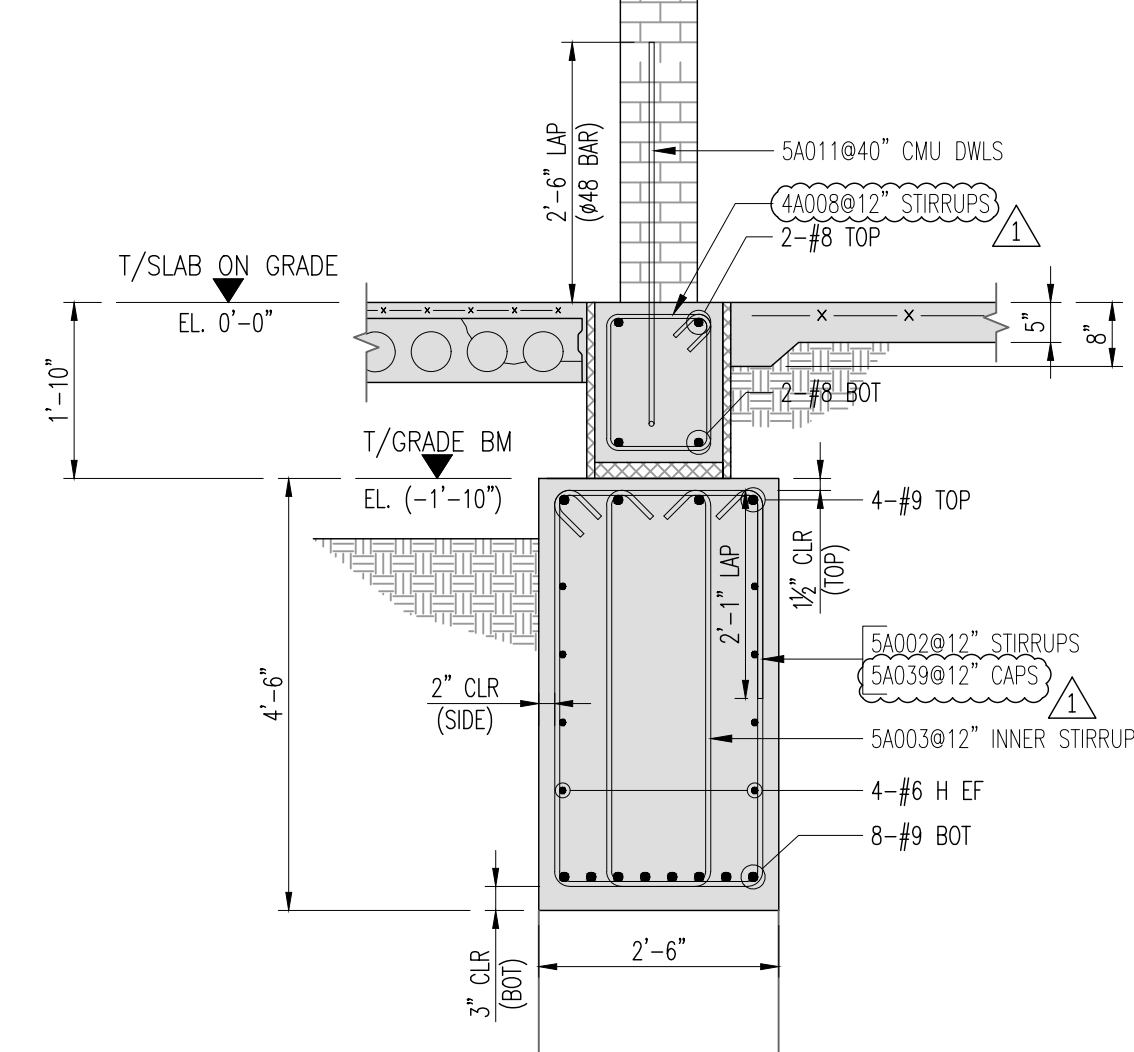
G GRADE BEAM ELEVATION (BETWEEN GRIDS 5-5.2/D.5-D)  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)  
2 LOCATIONS



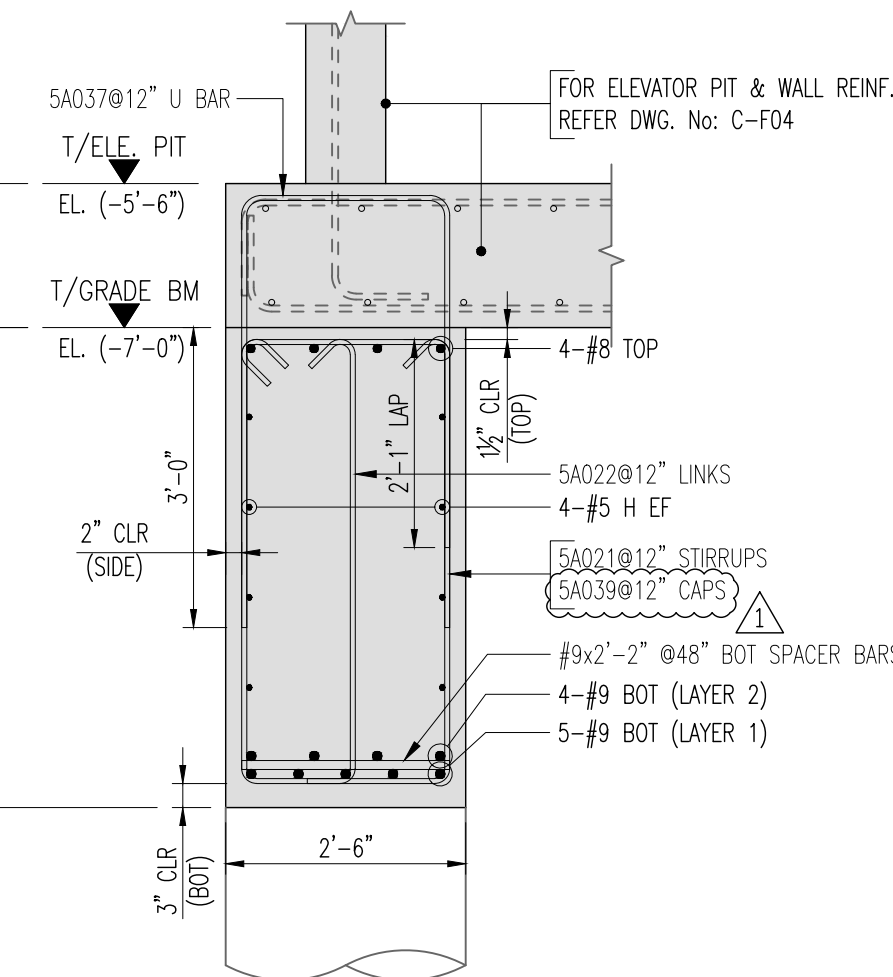
E1 PLAN VIEW - TOP BAR ARRANGEMENT  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)



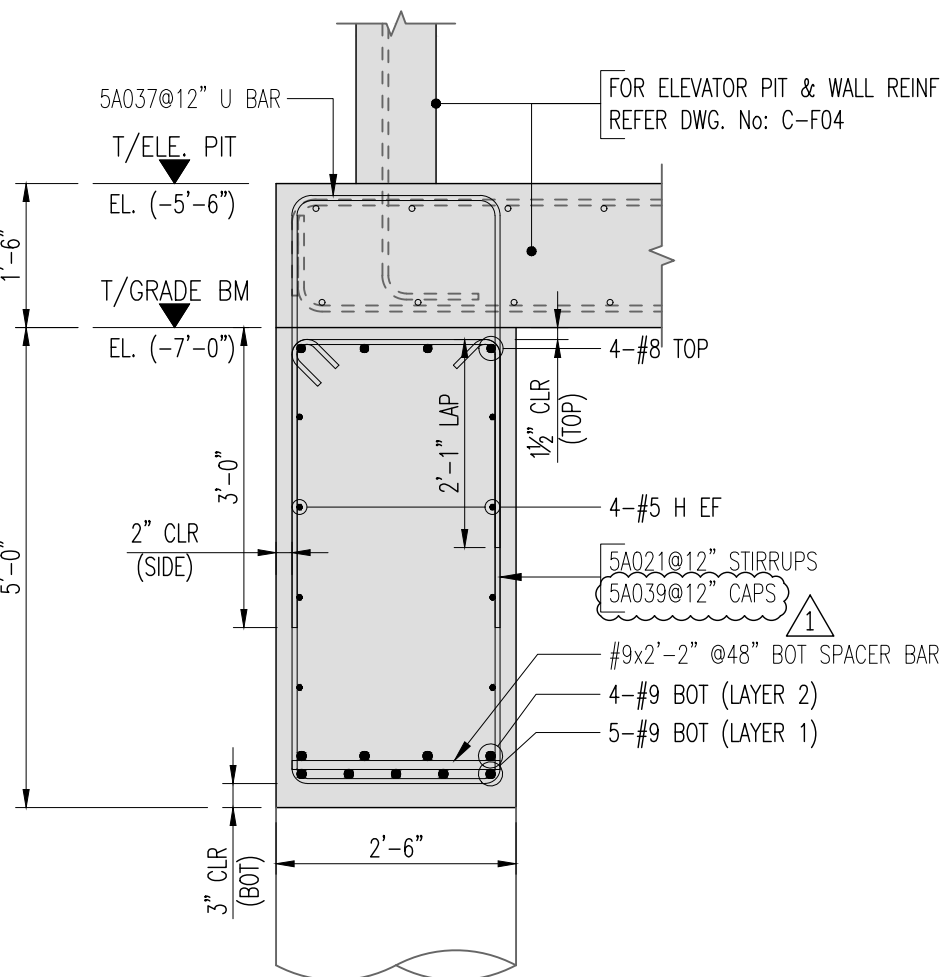
H GRADE BEAM ELEVATION (BETWEEN GRID 4-5/C.3-C.6)  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)



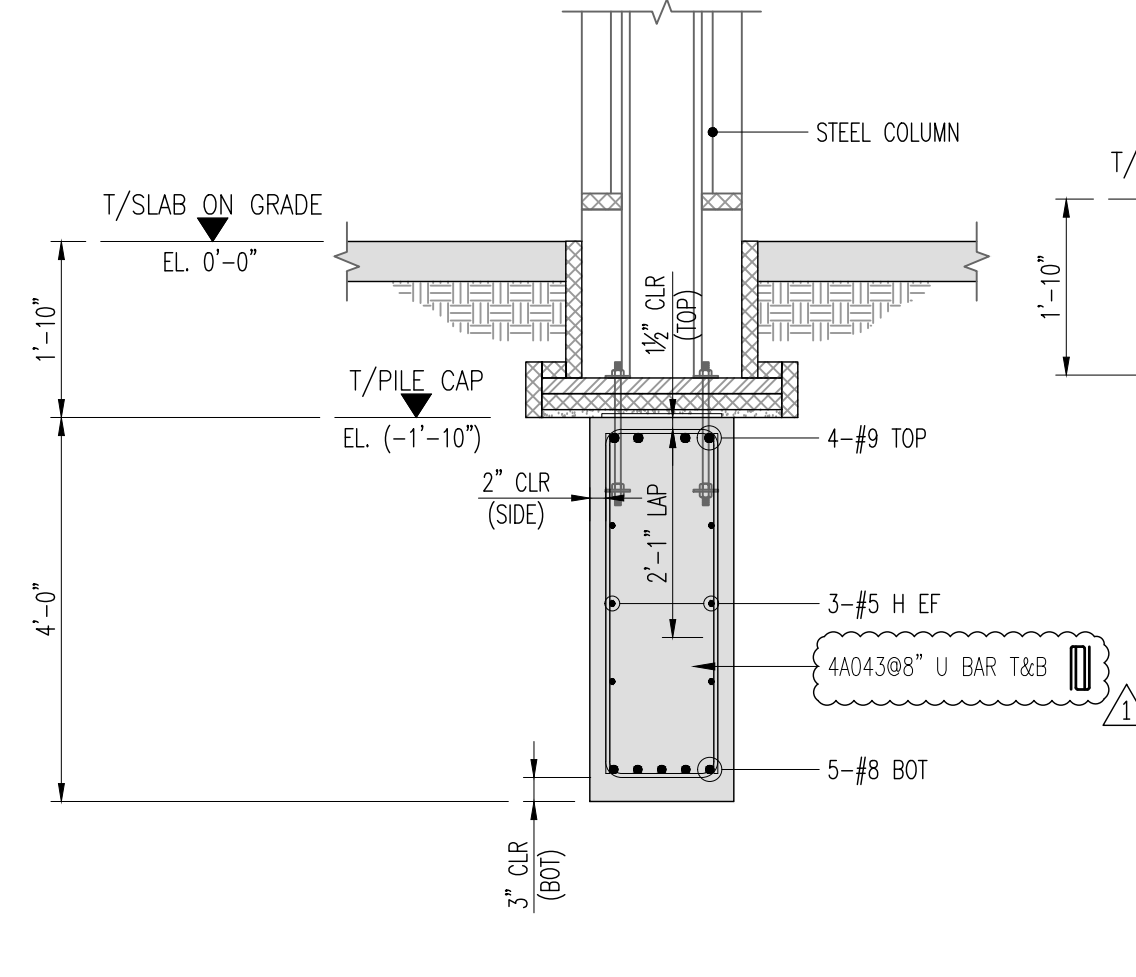
1 SECTION  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)



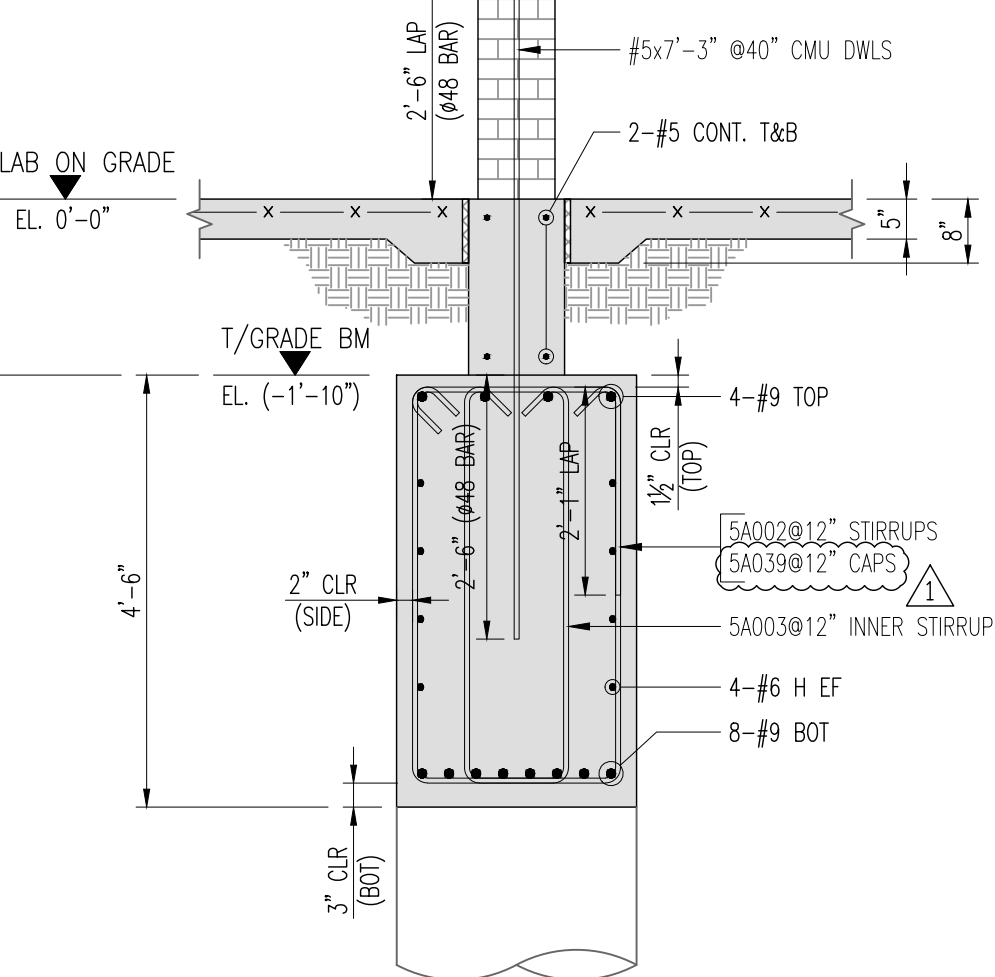
2 SECTION  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)



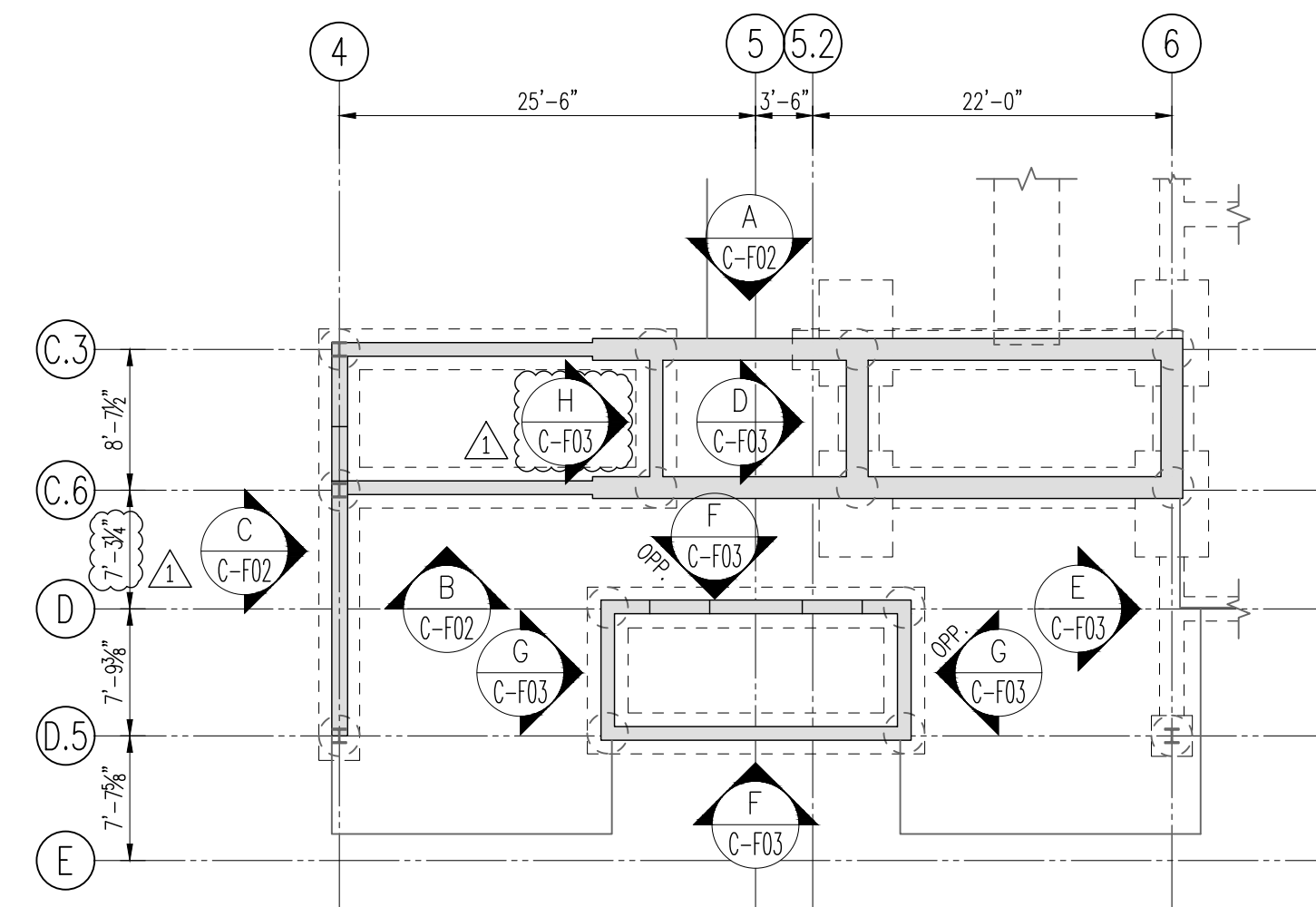
3 SECTION  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)



4 SECTION  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)



5 SECTION  
C-F03 SCALE: 1/4"=1'-0"  
REF: S2.02B, S3.01 & S3.02 (DT: 2019/05/28)



PARTIAL KEY PLAN  
SCALE: 1/8"=1'-0"  
REF: S2.02B (DT: 2019/05/28)

Drawing Sheet : C-F03		Bar List															
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	Y'	Y'	Y'	Y'	Y'	Y'	Y'	Y'	Y'	Y'
4A008	20	#4	5'-9"	T1	4'-8"	1'-5"	1'-1"	1'-5"	1'-1"	1'-1"	1'-1"	1'-1"	1'-1"	1'-1"	1'-1"	1'-1"	1'-1"
4A043	26	#4	8'-4"	T1	4'-8"	3'-7"	1'-2"	3'-7"	1'-1"	1'-1"	1'-1"	1'-1"	1'-1"	1'-1"	1'-1"	1'-1"	1'-1"
5A002	15	#5	11'-4"	S3	5'-8"	4'-1-8"	2'-2"	4'-1-8"	2'-2"	4'-1-8"	2'-2"	4'-1-8"	2'-2"	4'-1-8"	2'-2"	4'-1-8"	2'-2"
5A003	15	#5	10'-3"	S3	5'-8"	4'-1-8"	1'-1"	4'-1-8"	1'-1"	4'-1-8"	1'-1"	4'-1-8"	1'-1"	4'-1-8"	1'-1"	4'-1-8"	1'-1"
5A011	3	#5	4'-10"	2	10'	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"
5A021	52	#5	12'-4"	S3	5'-8"	4'-7-8"	2'-2"	4'-7-8"	2'-2"	4'-7-8"	2'-2"	4'-7-8"	2'-2"	4'-7-8"	2'-2"	4'-7-8"	2'-2"
5A022	36	#5	5'-7"	T9	5'-8"	4'-7-8"	4'-7-8"	4'-7-8"	4'-7-8"	4'-7-8"	4'-7-8"	4'-7-8"	4'-7-8"	4'-7-8"	4'-7-8"	4'-7-8"	4'-7-8"
5A037	64	#5	11'-2"	T1	5'-8"	4'-4"	2'-2"	4'-4"	2'-2"	4'-4"	2'-2"	4'-4"	2'-2"	4'-4"	2'-2"	4'-4"	2'-2"
5A039	67	#5	4'-9"	S2	5'-8"	2'-2"	2'-2"	2'-2"	2'-2"	2'-2"	2'-2"	2'-2"	2'-2"	2'-2"	2'-2"	2'-2"	2'-2"
7A033	13	#7	6'-5"	2	1'-2"	5'-3"	5'-3"	5'-3"	5'-3"	5'-3"	5'-3"	5'-3"	5'-3"	5'-3"	5'-3"	5'-3"	5'-3"
8A018	8	#8	12'-1"	2	1'-4"	9'-5"	9'-5"	9'-5"	9'-5"	9'-5"	9'-5"	9'-5"	9'-5"	9'-5"	9'-5"	9'-5"	9'-5"
8A019	8	#8	23'-0"	2	1'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"
8A023	8	#8	12'-6"	2	1'-4"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"
9A015	5	#9	16'-1"	2	1'-4"	14'-9"	14'-9"	14'-9"	14'-9"	14'-9"	14'-9"	14'-9"	14'-9"	14'-9"	14'-9"	14'-9"	14'-9"
9A036	5	#9	8'-4"	2	1'-4"	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"
9A077	22	#9	18'-9"	2	1'-7"	15'-7"	15'-7"	15'-7"	15'-7"	15'-7"	15'-7"	15'-7"	15'-7"	15'-7"	15'-7"	15'-7"	15'-7"
9A020	10	#9	23'-6"	2	1'-7"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"	20'-4"
9A024	10	#9	13'-0"	2	1'-7"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"	9'-10"
9A034	4	#9	17'-10"	2	1'-7"	16'-3"	16'-3"	16'-3"	16'-3"	16'-3"	16'-3"	16'-3"	16'-3"	16'-3"	16'-3"	16'-3"	16'-3"
9A042	12	#9	13'-9"	2	1'-7"	10'-7"	10'-7"	10'-7"	10'-7"	10'-7"	10'-7"	10'-7"	10'-7"	10'-7"	10'-7"	10'-7"	10'-7"

T1	Hooks A & G optional	17		S3		2	Hook G optional	T9		S2	Hook G optional
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## NOTES

FOR GRADE BEAMS & TIE BEAMS  
TOP CLEAR - 1 1/2"  
BOTTOM COVER - 3"  
SIDE COVER - 2"

## LAP SCHEDULE

FOR GRADE BEAMS (6000 PSI)

BAR SIZE	LAP SPICES		TENSION LAP SPICES	
	#30 BAR	#36 BAR	TOP	OTHER
#5	19"	23"	33"	25"
#6	23"	27"	40"	31"
#7	27"	32"	58"	44"
#8	30"	36"	66"	51"
#9	34"	41"	74"	57"

FOR CONC. BLOCK MASONRY (2000 PSI)

BAR SIZE	LAP SPICES
#48 BAR	
#5	30"
#7	42"

TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THEM.

## AREA KEY PLAN

## US-CENTRAL BAR GRADE LEGEND

A615/60

ALL MATERIAL ON THIS DRAWING  
SHALL BE ASTM A615 GRADE 60  
U.N.O.

D FOR APPROVAL				
No.	Description	Date	By	
Revisions and Issue Record				
The full intent and purpose of this drawing is the placing of reinforcing steel bars ONLY. It is NOT to be used as a means of communication between the Architect, Engineer, Contractor or any other Sub-trades.				
THIS DRAWING IS NOT TO BE SCALED.				
Project:				
Drawing: CONDO BUILDING - CORE AREA GRADE BEAMS - SH 2 OF 2				
Customer:				
Contractor:				
Refer to Release: REFER BENDING SCHEDULE				
Date	Drawn	Chkd.	JOB No.	Dwg. No. C-F03