

AREA KEYPLAN
 REF: S1.01 (DT.06/08/22)
 SCALE: 1/20" = 1'-0"

A/E PLEASE VERIFY LAP FOLLOWED

@WALL
LAP SCHEDULE
 4000 PSI (CLASS-B) CASE - 1
 Per ACI 318 (12.2.2)

BAR#	LENGTHS	
	TOP	OTHERS
#3	2'-0"	1'-7"
#4	2'-8"	2'-1"
#5	3'-4"	2'-7"
#6	4'-0"	3'-1"
#7	5'-10"	4'-6"
#8	6'-8"	5'-2"
#9	7'-7"	5'-10"
#10	8'-6"	6'-7"
#11	9'-5"	7'-3"

ALL TOP BARS ARE DEFINED AS HORIZ BARS WITH MORE THAN 12" OF CONCRETE BELOW BARS.

@FTG
LAP SCHEDULE
 3000 PSI (CLASS-B) CASE - 1
 Per ACI 318 (12.2.2)

BAR#	LENGTHS	
	TOP	OTHERS
#3	2'-4"	1'-10"
#4	3'-1"	2'-5"
#5	3'-11"	3'-0"
#6	4'-8"	3'-7"
#7	6'-9"	5'-3"
#8	7'-9"	6'-0"
#9	8'-9"	6'-9"
#10	9'-10"	7'-7"
#11	10'-11"	8'-5"

ALL TOP BARS ARE DEFINED AS HORIZ BARS WITH MORE THAN 12" OF CONCRETE BELOW BARS.

A/E PLEASE VERIFY COVER FOLLOWED

TYPICAL REINFORCING BAR CLEARANCE TABLE

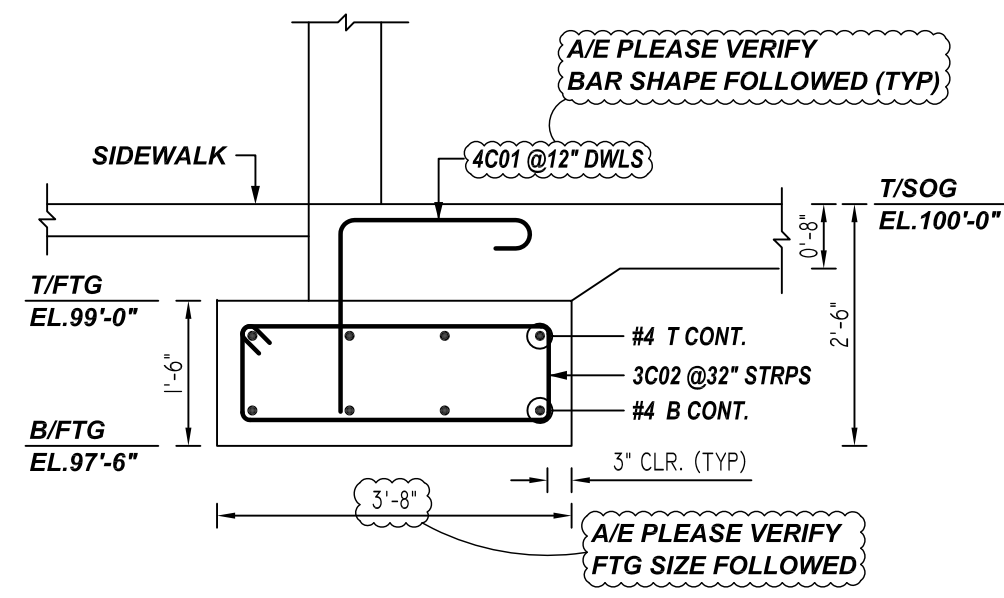
LOCATION	MIN. COVER
FOOTING (ALL SIDES)	3" CLR

BUILDING-A AREA-A GRADE BEAM & DOWEL REINFORCEMENT DETAILS

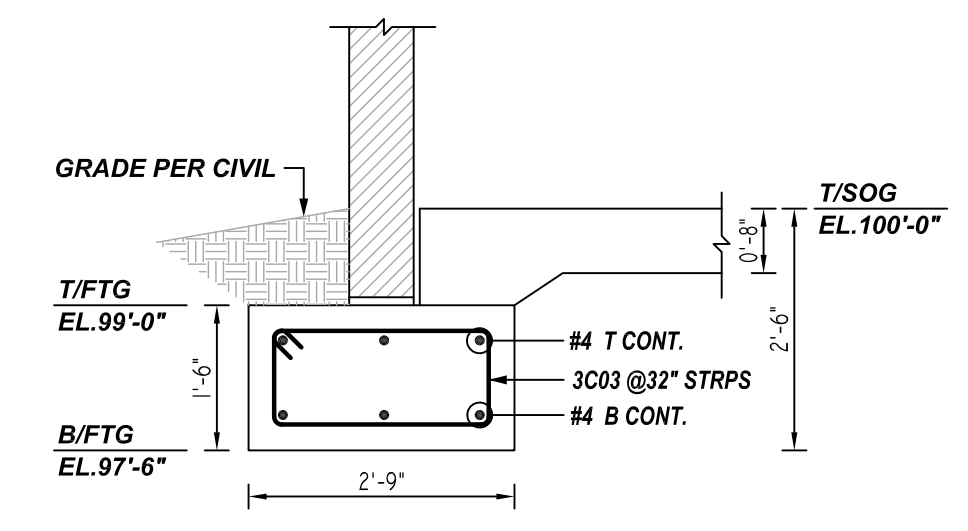
REF: S1.01 (DT.06/08/22)
 SCALE: 1/20" = 1'-0"

GRADE	A615/60(UNO)		
PREFIX	C		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	10/03/2022	APPROVAL
STRUCTURE: BUILDING-A AREA-A GRADE BEAM & DOWEL REINFORCEMENT DETAILS			
FLOOR: FOUNDATION			
JOB NO: -			
CUSTOMER: CONCRETE STRAGIES			
JOB: THE CUBES AT MESA - BLDG A			
LOCATION: E PECOS RD & S CRISMON RD, MESA, AZ 85212			
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	10/03/2022	-	R03

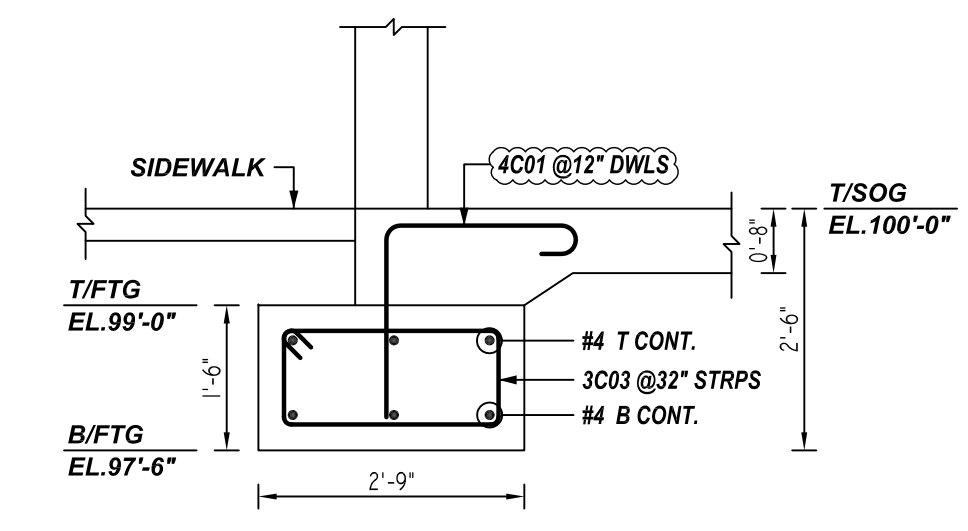
FOR APPROVAL



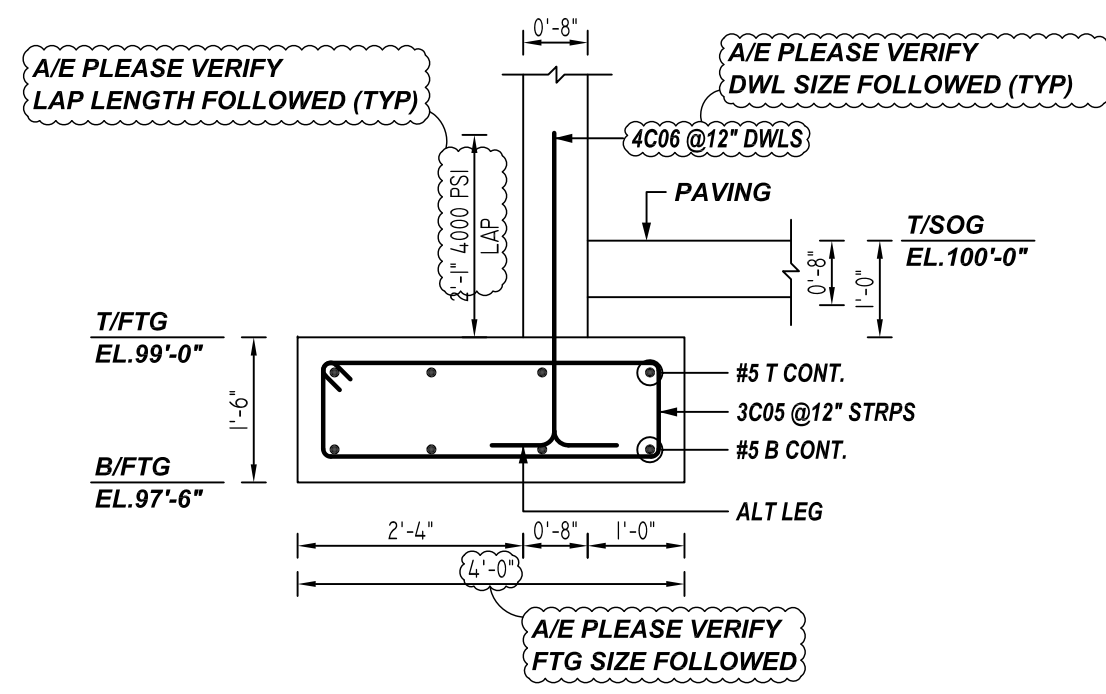
1 SECTION
R03 REF:10/S3.12 (DT.06/08/22)
SCALE: 1/2" = 1'-0"



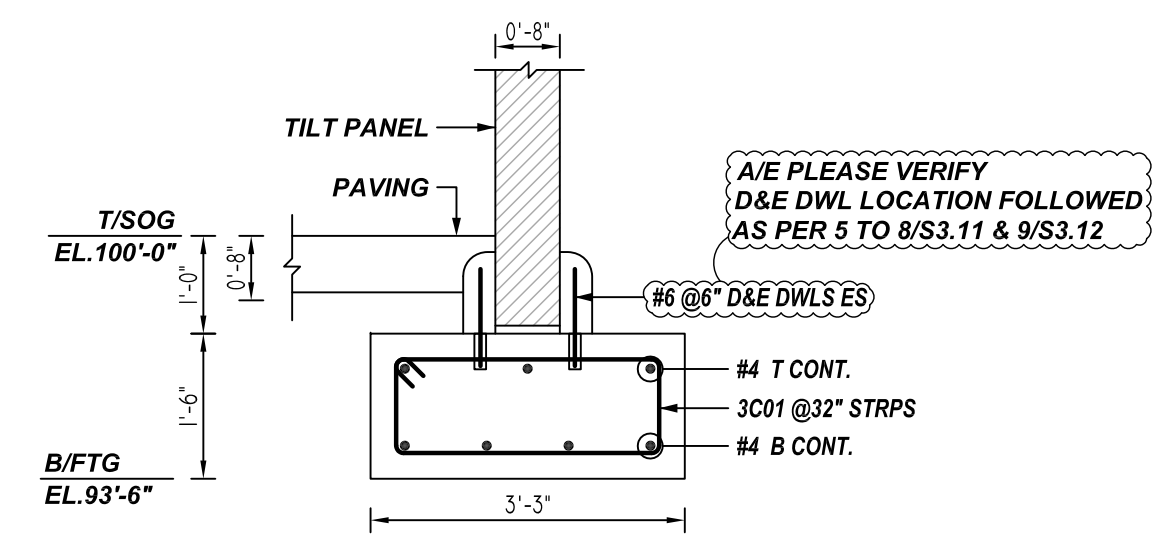
2 SECTION
R03 REF:8/S3.12 (DT.06/08/22)
SCALE: 1/2" = 1'-0"



3 SECTION
R03 REF:3/S3.11 (DT.06/08/22)
SCALE: 1/2" = 1'-0"

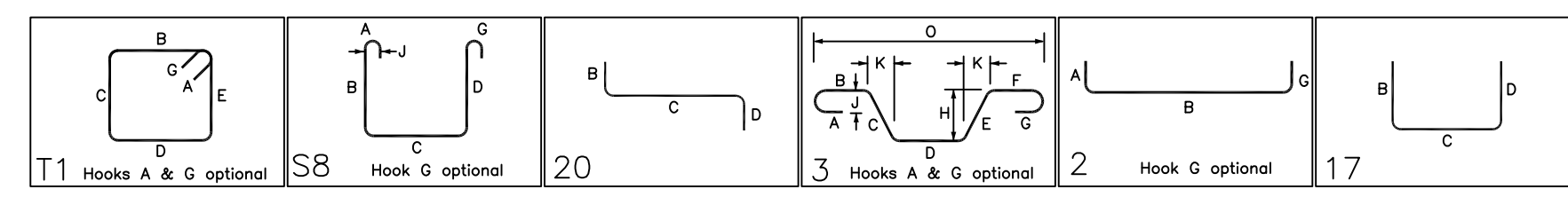


4 SECTION
R03 REF:9/S3.11 (DT.06/08/22)
SCALE: 1/2" = 1'-0"



5 SECTION
R03 REF:8/S3.11&18/S3.01 (DT.06/08/22)
SCALE: 1/2" = 1'-0"

Bar Mark	Qty	Size	Total Length	Span	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
3011	204	#3	8'-2 1/2"	T1	0'-4 1/2"	2'-0"	1'-0"	2'-0"	1'-0"	1'-0"																				
3022	75	#3	9'-1"	T1	0'-4 1/2"	3'-2 1/2"	1'-0"	3'-2 1/2"	1'-0"	1'-0"																				
3023	257	#3	7'-2 1/2"	T1	0'-4 1/2"	2'-3"	1'-0"	2'-3"	1'-0"	1'-0"																				
3026	182	#3	9'-8 1/2"	T1	0'-4 1/2"	3'-8"	1'-0"	3'-8"	1'-0"	1'-0"																				
3028	1	#3	10'-4 1/2"	T1	0'-4 1/2"	3'-10"	1'-0"	3'-10"	1'-0"	1'-0"																				
3029	14	#3	8'-8 1/2"	T1	0'-4 1/2"	3'-0"	1'-0"	3'-0"	1'-0"	1'-0"																				
4011	119	#4	4'-6 1/2"	S8	0'-5"	2'-0"	2'-0"																							
4034	3	#4	4'-8"	20	2'-4"	2'-4"	2'-4"																							
4026	4	#4	10'-3 1/2"	3	2'-4"	5'-7 1/2"	2'-4"																							
4026	196	#4	3'-11"	2	0'-8"	3'-3"																								
4029	6	#4	7'-11"	2	0'-8"	7'-3"																								
4010	2	#4	26'-10"	2	0'-8"	25'-8"																								
4011	4	#4	34'-10"	2	0'-8"	33'-6"																								
4012	2	#4	33'-5"	2	0'-8"	32'-1"																								
4014	1	#4	13'-3"	2	0'-8"	12'-7"																								
4015	1	#4	32'-8"	2	0'-8"	32'-0"																								
5011	90	#5	5'-0"	17	2'-6"	2'-6"																								
5003	7	#5	6'-1"	20	2'-6"	1'-3"	2'-6"																							
5007	4	#5	26'-10"	2	0'-10"	26'-0"																								
5008	24	#5	40'-0"	2	0'-10"	39'-2"																								
5010	4	#5	27'-8"	2	0'-10"	26'-10"																								
5011	1	#5	17'-8"	2	0'-10"	15'-10"																								
5013	8	#5	28'-0"	2	0'-10"	27'-2"																								
5014	8	#5	27'-1"	2	0'-10"	26'-3"																								



REINFORCING BAR CLEARANCE TABLE

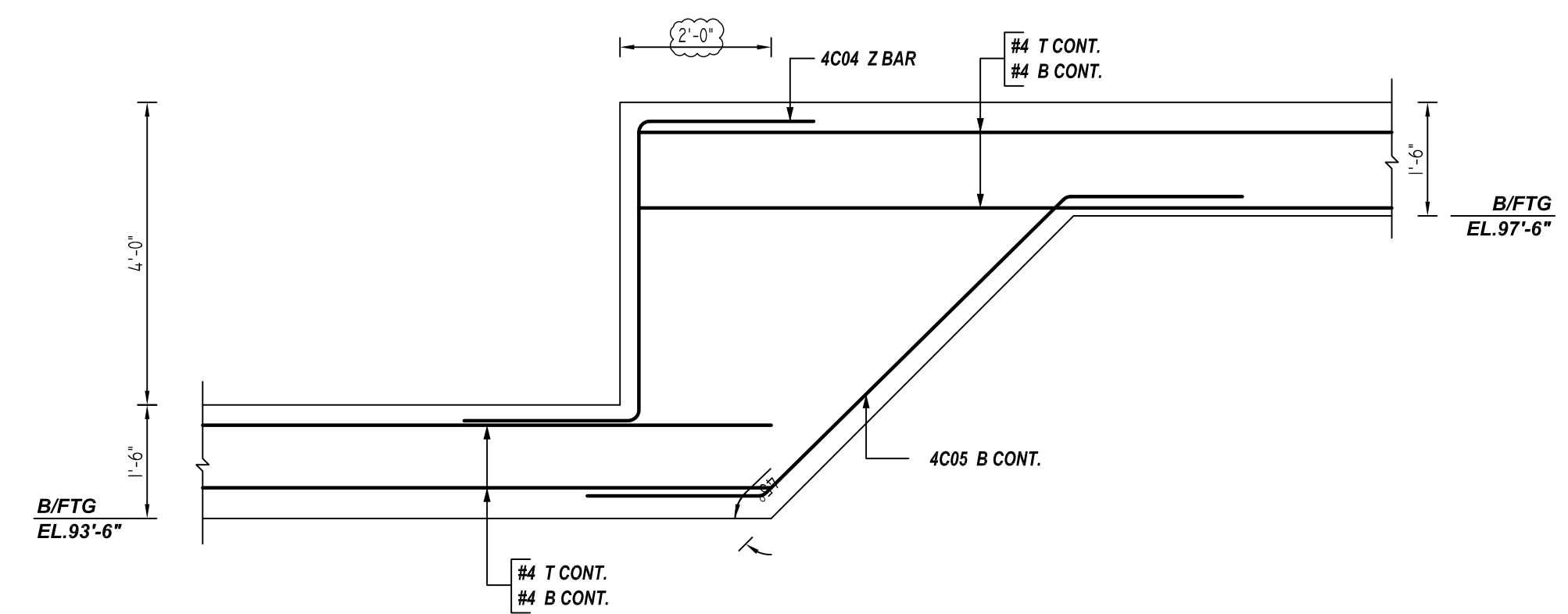
LOCATION	MIN. COVER
FOOTING (ALL SIDES)	3" CLR

LAP SCHEDULE
4000 PSI (CLASS-B) CASE - 1
Per ACI 318 (12.2.2)

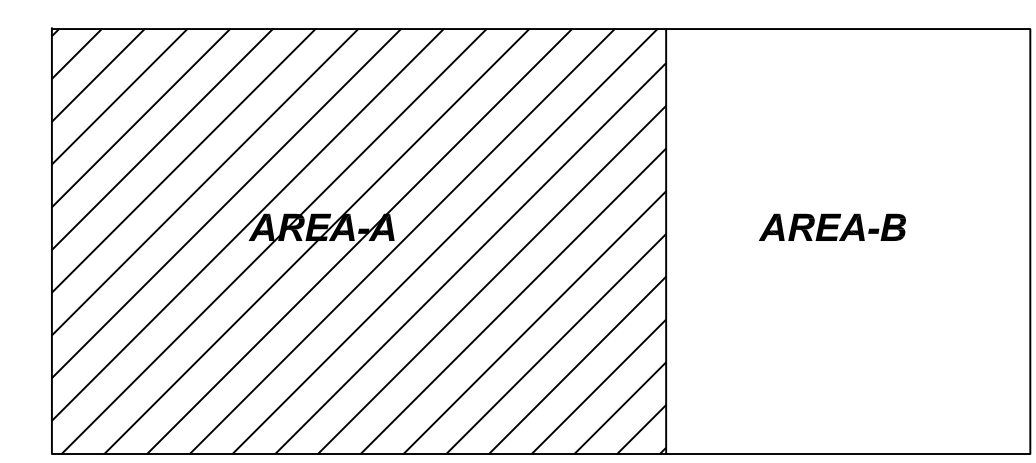
BAR#	LENGTHS	
	TOP	OTHERS
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A ELEVATION
REF:3/S3.01 (DT.06/08/22)
SCALE: 1/2" = 1'-0"



AREA KEYPLAN
REF:S1.01 (DT.06/08/22)
SCALE: 1/2" = 1'-0"

FOR APPROVAL

GRADE	A615/60(UNO)			STRUCTURE	BUILDING-A AREA-A GRADE BEAM & DOWEL REINFORCEMENT DETAILS	
PREFIX	C				FLOOR	FOUNDATION
BAR LIST NOS.					JOB NO.	-
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR	CUSTOMER	CONCRETE STRAGIES	
0	IFA	10/03/2022	APPROVAL	JOB	THE CUBES AT MESA - BLDG A	
				LOCATION	E PECOS RD & S CRISMON RD, MESA, AZ 85212	
				DRAWN	DATE	
				MRS	10/03/2022	
				CONTROL CODE	DWG. NO.	
					R04	