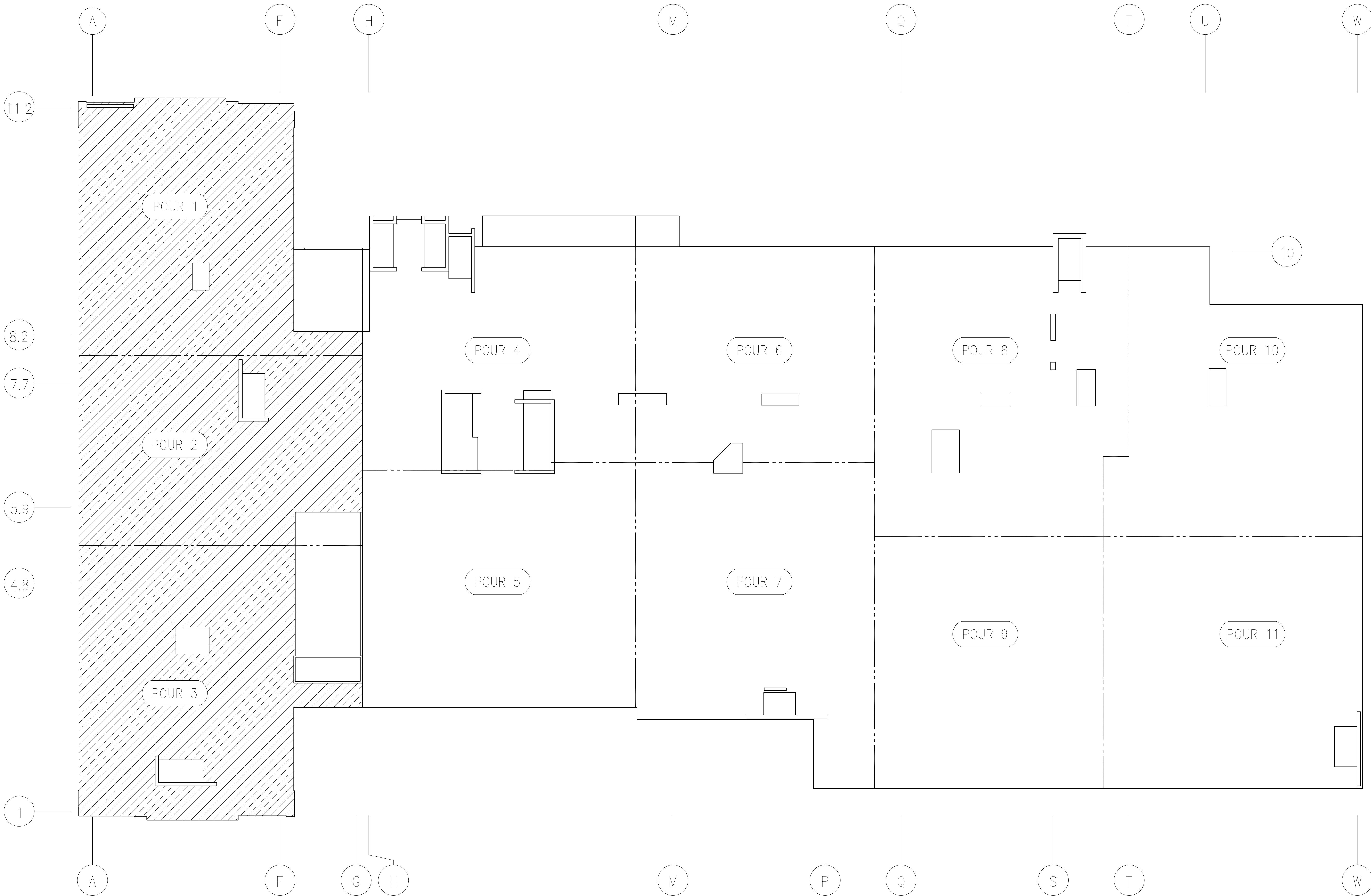




LAP NOTES:
LAP VALUE AS PER SHEET S1.01

CLASS B LAP 5000 PSI FOR SLAB AND BEAMS		
SIZE	TOP	OTHERS
#3	22"	17"
#4	30"	23"
#5	36"	28"
#6	44"	34"
#7	64"	49"
#8	73"	56"
#9	82"	63"
#10	92"	71"
#11	101"	78"

LAP NOTES:
LAP VALUE AS PER SHEET S1.01

CLASS A LAP 5000 PSI FOR SLAB		
SIZE	TOP	OTHERS
#3	17"	13"
#4	23"	17"
#5	28"	22"
#6	34"	26"
#7	49"	38"
#8	56"	43"
#9	63"	48"
#10	71"	54"
#11	78"	60"

LAP NOTES:
LAP VALUES AS PER
SHEET NO. S1.04
FOR SLAB OPENING

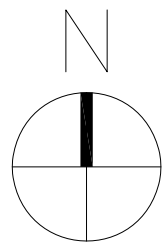
3/8" BAR DIA	
SIZE	VALUE
#3	14"
#4	18"
#5	23"
#6	27"
#7	32"
#8	36"

- NOTES:
1. FINISHED FLOOR ELEVATION LEVEL = 100'-0"
 2. COVER DETAILS:
BEAMS & DROP CAPS = 1 1/2"
SLABS ALL SIDES = 1"
 3. STOCK LENGTH USED #3 AND #4 IS 40'-0"
STOCK LENGTH USED #5 AND #6 IS 60'-0"

LEGENDS:

- ADDL - ADDITIONALS
ALT - ALTERNATE
BM - BEAM
BOT - BOTTOM
CJ - CONSTRUCTION JOINT
COL - COLUMN
CONT - CONTINUOUS
DIAG - DIAGONAL
DWL - DOWEL
E60 - EPOXY GRADE 60
EF - EACH FACE
EJ - EXPANSION JOINT
ES - EACH SIDE
EW - EACH WAY
HOR - HORIZONTAL
LW - LONG WAY
OPNG - OPENING
REINF - REINFORCEMENT
SW - SHORT WAY
T/BM - TOP OF BEAM
T/SLAB - TOP OF SLAB
UNO - UNLESS NOTED OTHERWISE
VERT - VERTICAL

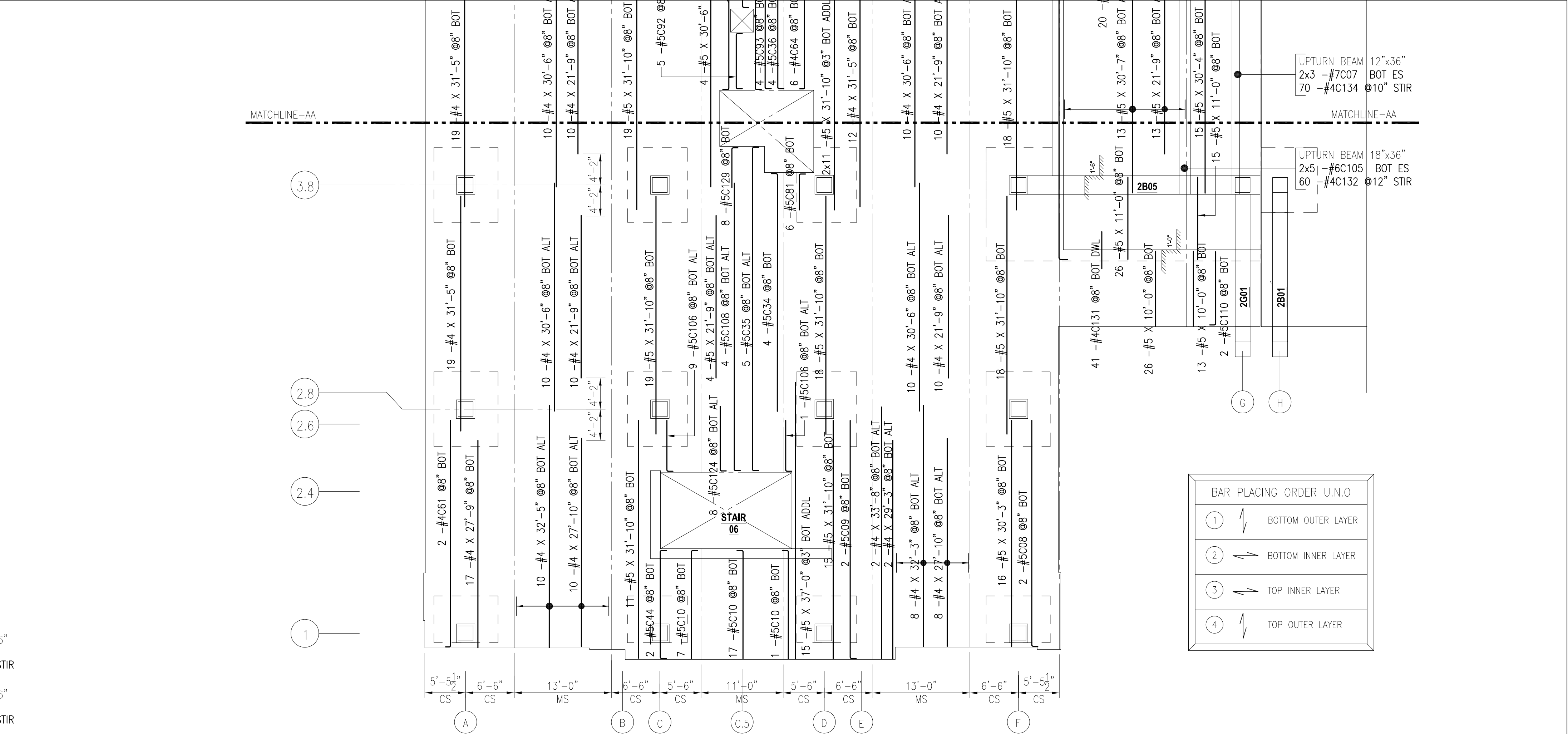
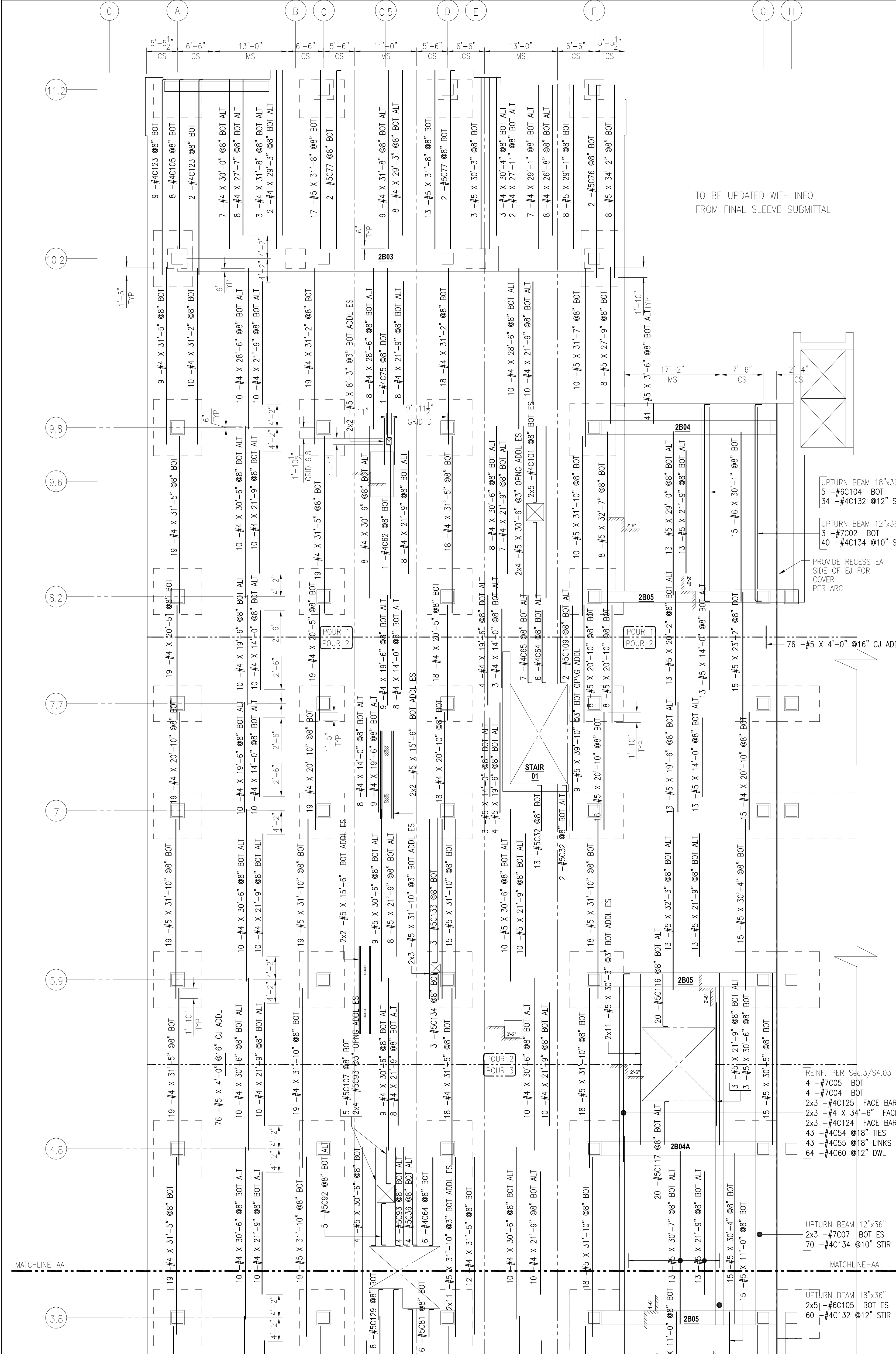
LEVEL 2 SLAB POUR BREAK PLAN
REF: S2.20 (01/19/15)



REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED U.N.O

REINFORCING STEEL PLACING DRAWINGS MUST ONLY BE USED IN
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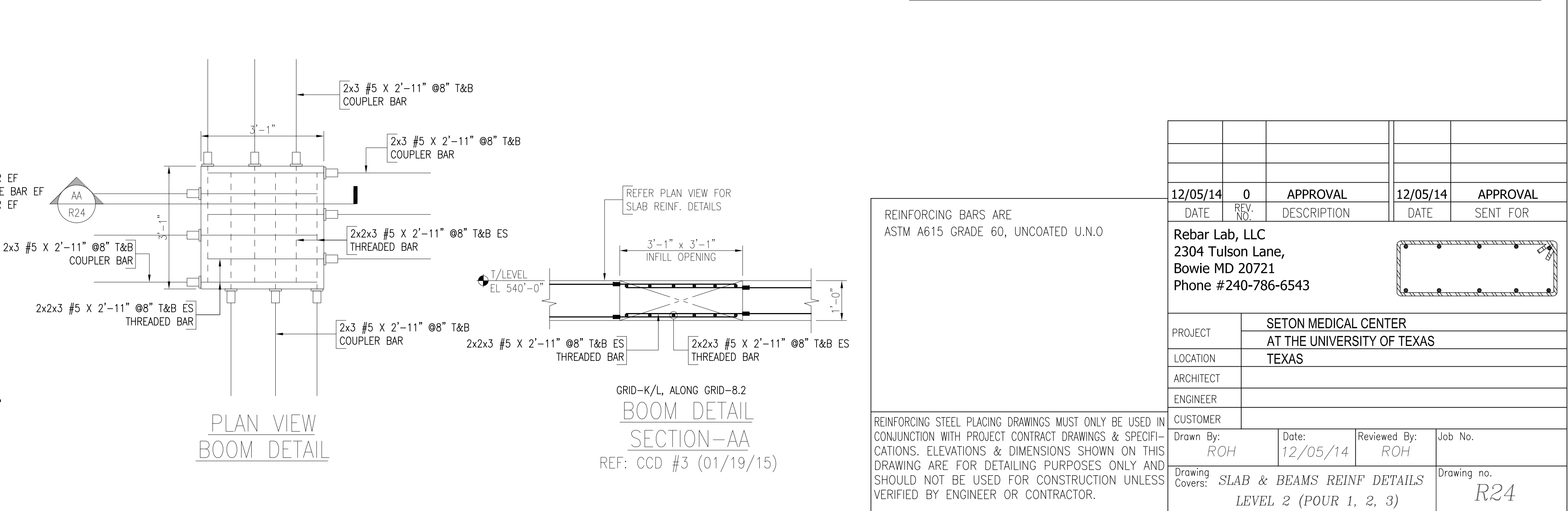
12/05/14	0	APPROVAL	12/05/14	APPROVAL	
DATE	REV.	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
PROJECT		SETON MEDICAL CENTER			
LOCATION		AT THE UNIVERSITY OF TEXAS			
ARCHITECT		TEXAS			
ENGINEER					
CUSTOMER					
Drawn By:		Date:	Reviewed By:	Job No.	
ROH		12/05/14	ROH		
Drawing Covers:		SLAB & BEAMS REINF DETAILS LEVEL 2 (POUR 1, 2, 3)			Drawing no. R23



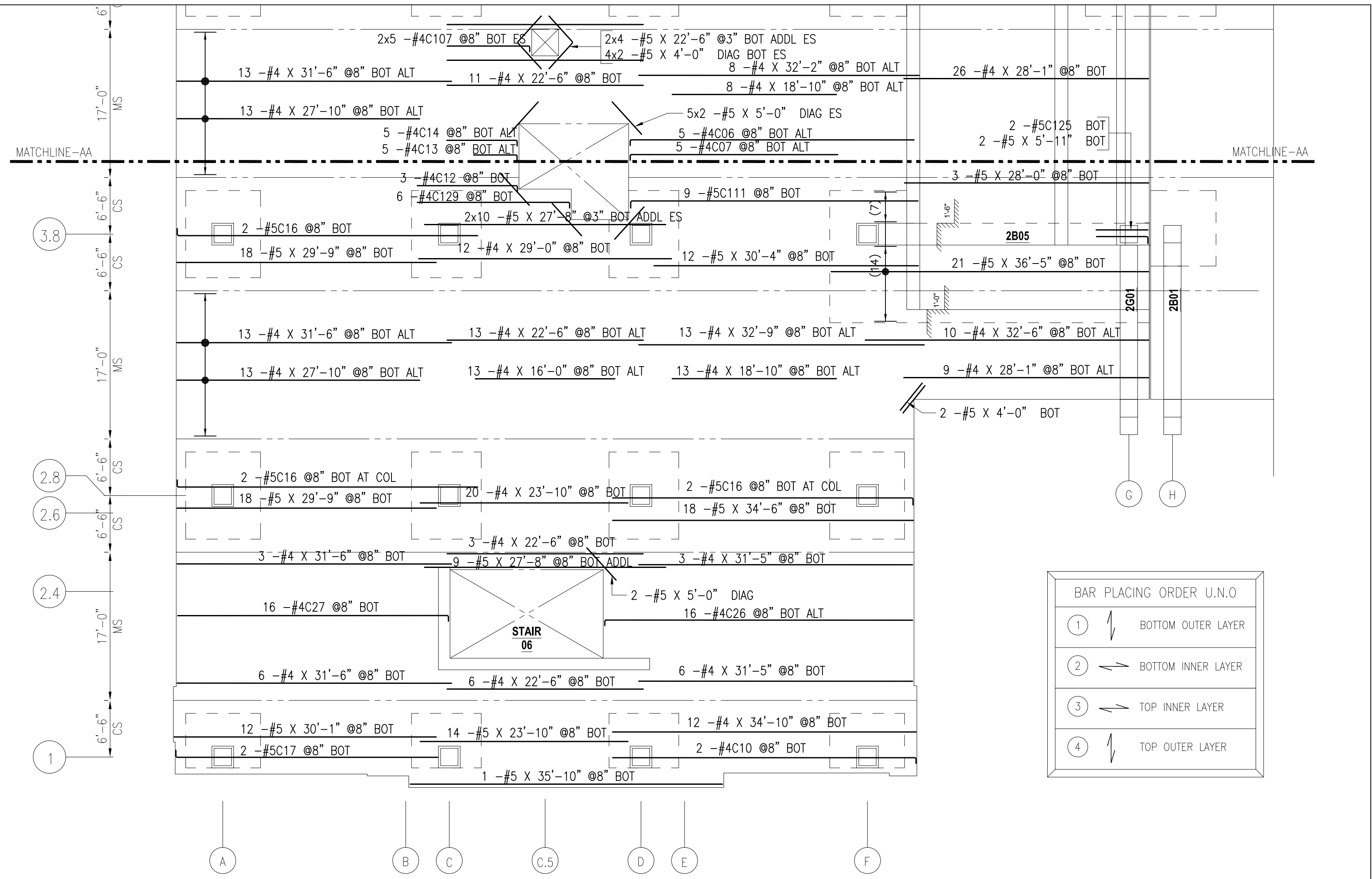
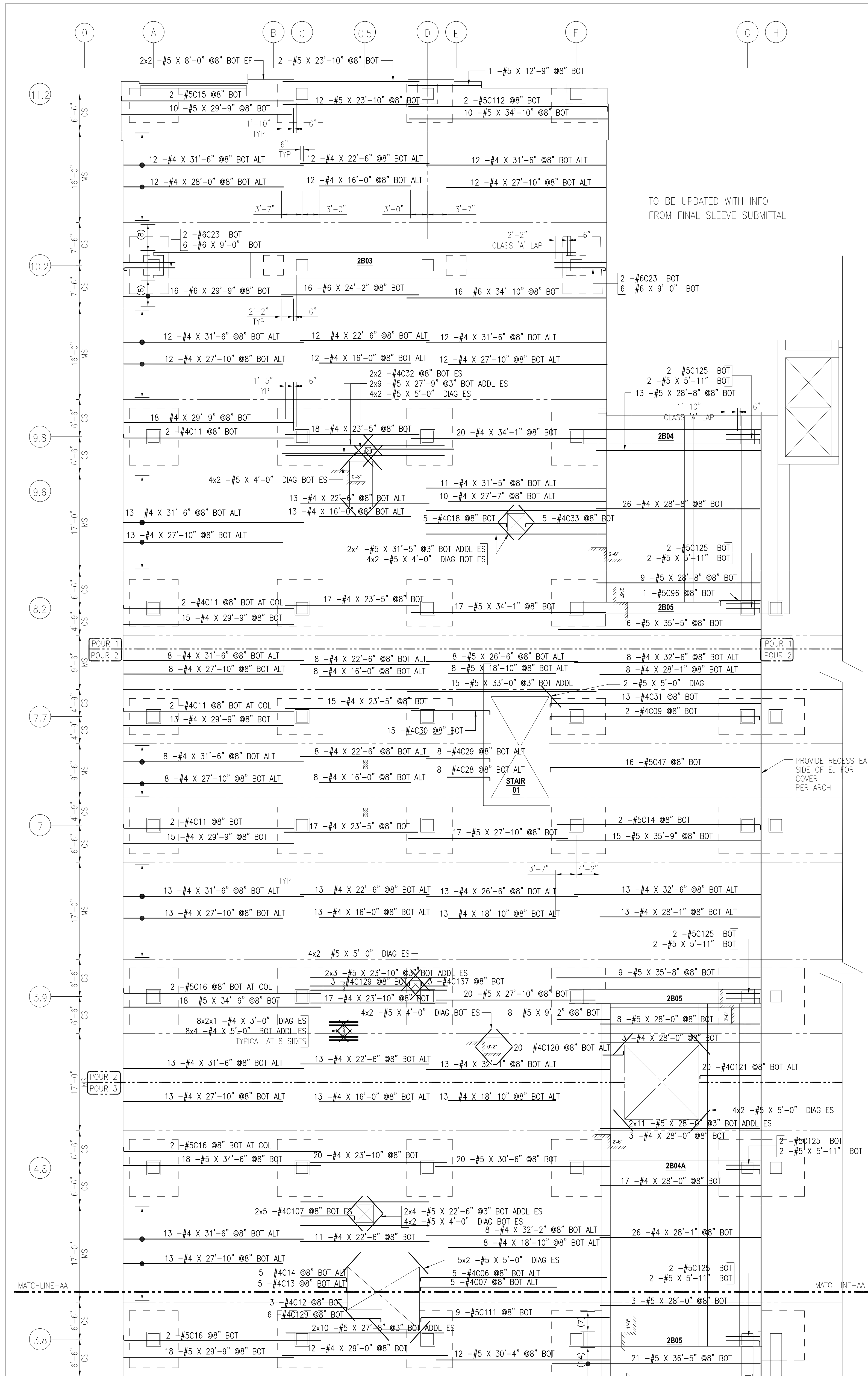
BOTTOM OUTER LAYER
LEVEL 2 SLAB (P1-P3) REINF DETAILS
REF: S2.21, S2.22 (04/24/15) S2.21OR (01/19/15)

Release Code: R24											
BENDING DETAILS.											
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'
454	43	#4	85' 5"	S3	4' 5"	3' 3"	12' 5"	3' 3"			4' 5"
455	43	#4	111' 5"	S3	4' 5"	12' 5"					4' 5"
460	64	#4	3' 7"	2	8"	2' 5"					
461	2	#4	3' 7"	2	8"	30' 4"					
462	1	#4	2' 7"	2	8"	2' 5"					
464	12	#4	16' 3"	2	8"	15' 7"					
465	7	#4	15' 7"	2	8"	12' 11"					
475	1	#4	30' 9"	2	8"	30' 1' 5"					
508	2	#5	3' 11"	2	10"	30' 3"					
509	2	#5	32' 8"	2	10"	3' 10' 5"					
510	25	#5	15' 4"	2	10"	14' 5"					
532	15	#5	8' 11"	2	10"	8' 11"					
534	4	#5	32' 8"	2	10"	3' 10' 5"					
535	5	#5	45' 0"	2	10"	4' 3' 4"					
536	4	#5	15' 5"	2	10"	12' 7"					
544	2	#5	16' 2"	2	10"	14' 5"					
576	2	#5	35' 0"	2	10"	34' 2"					
577	4	#5	32' 6"	2	10"	3' 10' 5"					
581	6	#5	5' 8"	2	10"	4' 10"					
592	5	#5	9' 1"	2	10"	7' 5"					
593	12	#5	16' 3"	2	10"	17' 5"					
704	4	#7	34' 9"	2	12"	33' 4"					

Release Code: R24											
BENDING DETAILS.											
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'
705	4	#7	43' 5"	2	12"	42' 3"					
706	3	#7	37' 4"	2	12"	35' 0"					
707	6	#7	34' 4"	2	12"	33' 2"					
401	10	#4	14' 2"	2	8"	13' 6"					
405	8	#4	30' 8"	2	8"	30' 0"					
412	11	#4	35' 3"	2	8"	34' 7"					
414	6	#4	16' 5"	2	8"	15' 0"					
415	6	#4	16' 5"	2	8"	16' 0"					
419	4	#4	61' 5"	20	2' 6"	10' 5"	2' 6"				
412	94	#4	74' 5"	4	4' 5"	2' 8"	13' 3"	2' 8"			4' 5"
414	110	#4	61' 0"	53	4' 5"	2' 8"	9'	2' 8"			4' 5"
510	10	#5	7' 8"	2	10"	6' 10"					
517	5	#5	74' 2"	2	10"	6' 6"					
518	4	#5	39' 4"	2	10"	38' 6"					
519	2	#5	14' 7' 5"	2	10"	13' 9' 5"					
510	2	#5	10' 8"	2	10"	9' 10"					
516	20	#5	10' 2"	2	10"	9' 4"					
517	20	#5	8' 5"	2	10"	7' 7"					
514	20	#5	9' 6"	2	10"	8' 8"					
519	20	#5	6' 2"	2	10"	5' 4"					
513	3	#5	26' 7"	2	10"	25' 9"					
514	3	#5	5' 7"	2	10"	4' 9"					
6104	5	#6	37' 0"	2	10"	35' 0"					
6105	10	#6	33' 7"	2	10"	32' 7"					



12/05/14	0	APPROVAL	12/05/14	APPROVAL
DATE	REV	DESCRIPTION	DATE	SENT FOR
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543				
PROJECT SETON MEDICAL CENTER				
LOCATION AT THE UNIVERSITY OF TEXAS				
ARCHITECT TEXAS				
ENGINEER				
CUSTOMER				
Drawn By: ROH	Date: 12/05/14	Reviewed By: ROH	Job No.	
Drawing Covers: SLAB & BEAMS REINF DETAILS				
LEVEL 2 (POUR 1, 2, 3)				
Drawing No. R24				

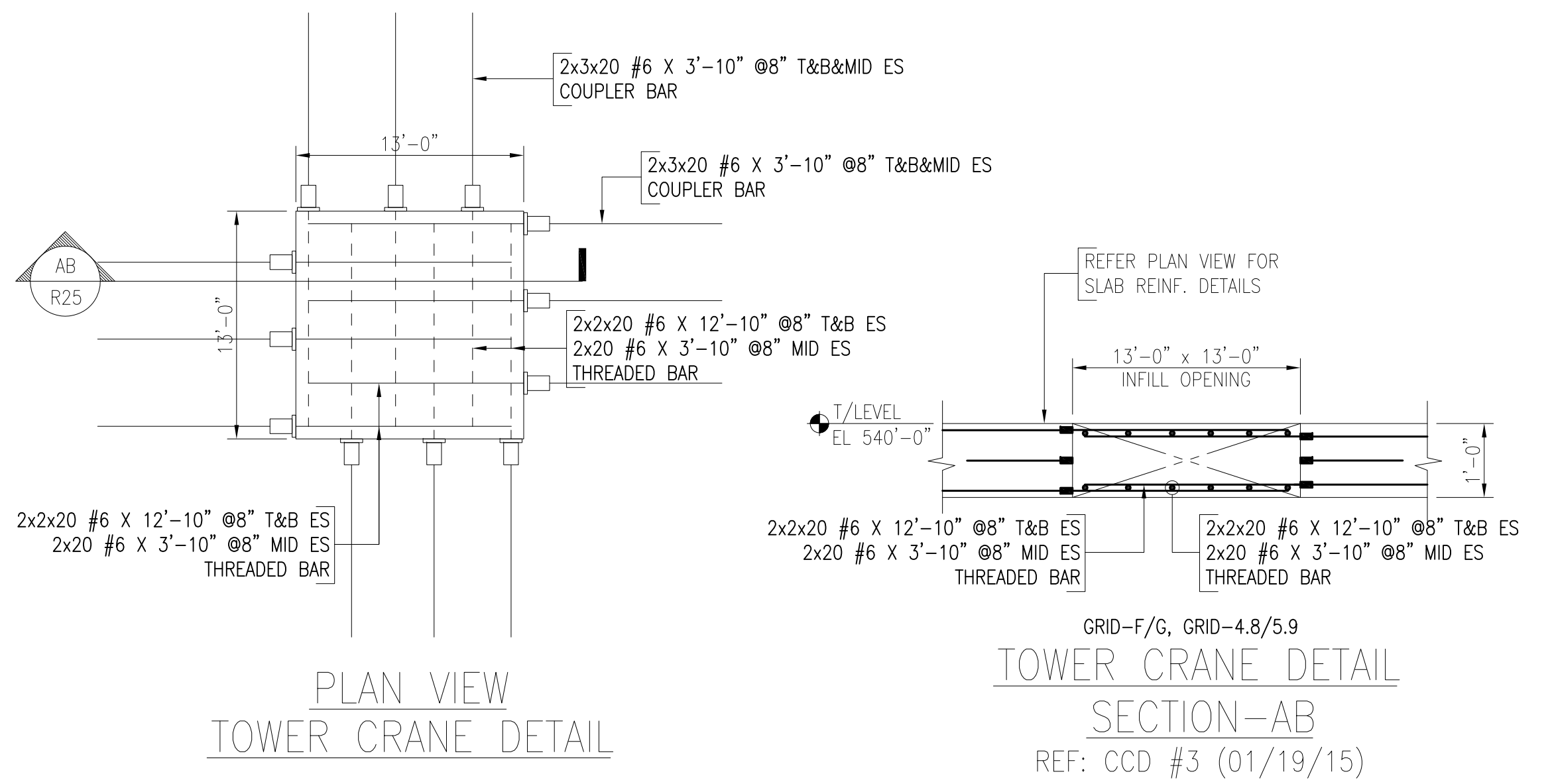


BOTTOM INNER LAYER
LEVEL 2 SLAB (P1-P3) REINF DETAILS
REF: S2.21, S2.22 (04/24/15) S2.21R (01/19/15)

BAR PLACING ORDER U.N.O			
1	↗	BOTTOM OUTER LAYER	
2	↘	BOTTOM INNER LAYER	
3	↖	TOP INNER LAYER	
4	↙	TOP OUTER LAYER	

BENDING DETAILS.														
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'
4C06	5	#4	333'2	8"	32'7"									
4C07	5	#4	245'2	8"	23'10"									
4C09	2	#4	381'2	8"	36'9"									
4C10	2	#4	356'2	8"	34'10"									
4C11	8	#4	305'2	8"	29'9"									
4C12	3	#4	127'2	8"	11'6"									
4C13	5	#4	58'2	8"	5'0"									
4C14	5	#4	89'2	8"	8'1"									
4C18	5	#4	14'0	8"	14'2"									
4C26	16	#4	36'0	8"	35'4"									
4C27	16	#4	31'0	8"	31'1"									
4C28	8	#4	87'2	8"	7'6"									
4C29	8	#4	11'0	8"	11'2"									
4C30	15	#4	14'6	8"	13'10"									
4C31	13	#4	376'2	8"	36'10"									
4C32	4	#4	157'2	8"	14'6"									
4C33	5	#4	14'8	8"	14'0"									
5C14	2	#5	36'6	10"	35'8"									
5C15	2	#5	31'0	10"	30'2"									
5C16	10	#5	35'4	10"	34'6"									
5C17	2	#5	30'11	10"	30'1"									
5C47	16	#5	37'2	10"	36'9"									
5C96	1	#5	7'0	10"	7'0"									

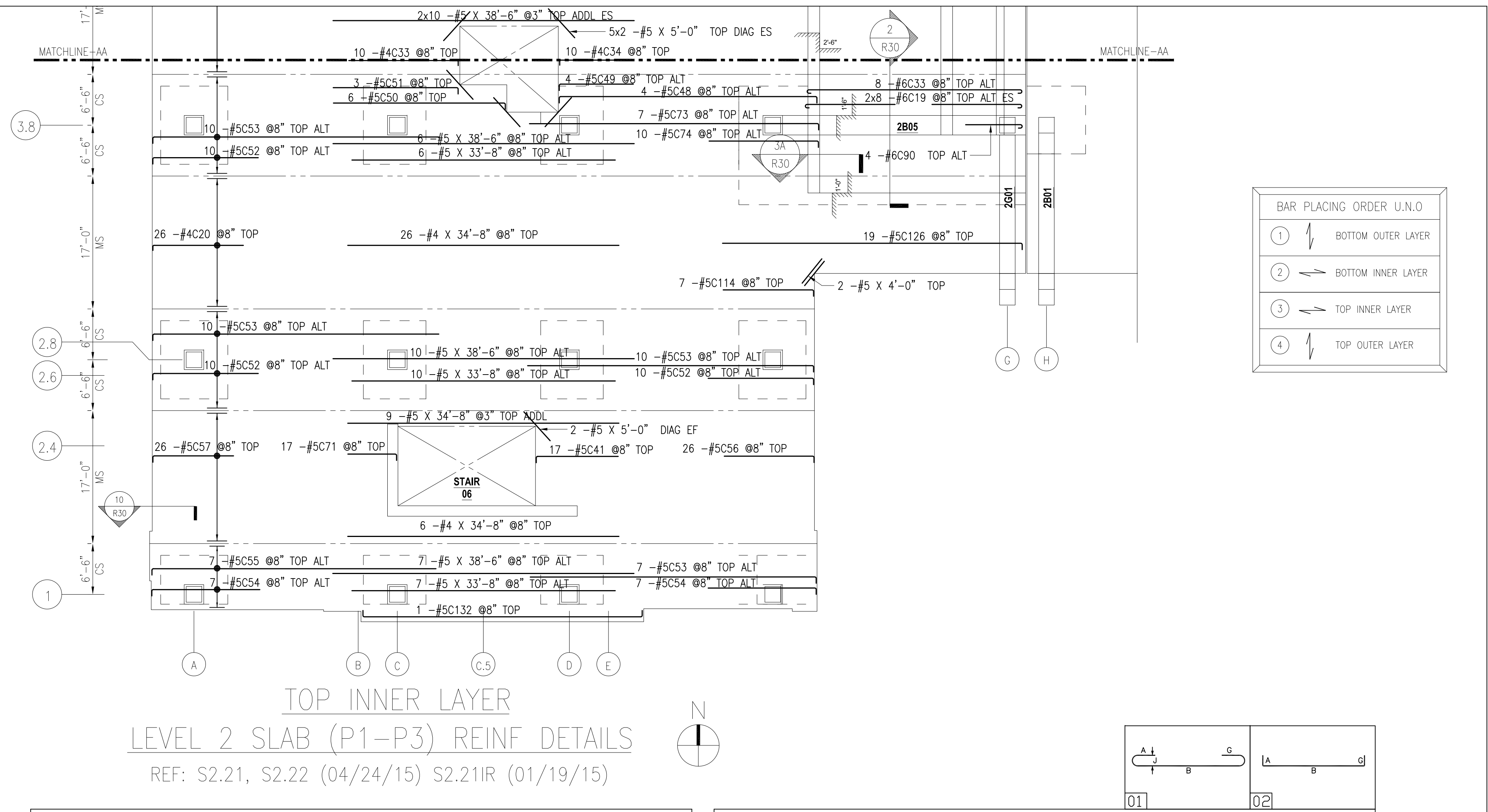
BENDING DETAILS.														
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'
6C23	4	#6	98'1	8"	9'0"									
4C107	10	#4	102'2	8"	9'6"									
4C120	20	#4	4'4	8"	3'8"									
4C121	20	#4	113'2	8"	10'7"									
4C129	6	#4	182'2	8"	17'6"									
4C136	3	#4	182'2	8"	17'6"									
4C137	3	#4	53'2	8"	4'7"									
5C111	9	#5	33'0	10"	33'0"									
5C112	2	#5	35'9	10"	34'11"									
5C125	10	#5	6'9	10"	5'11"									

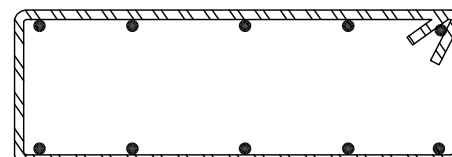


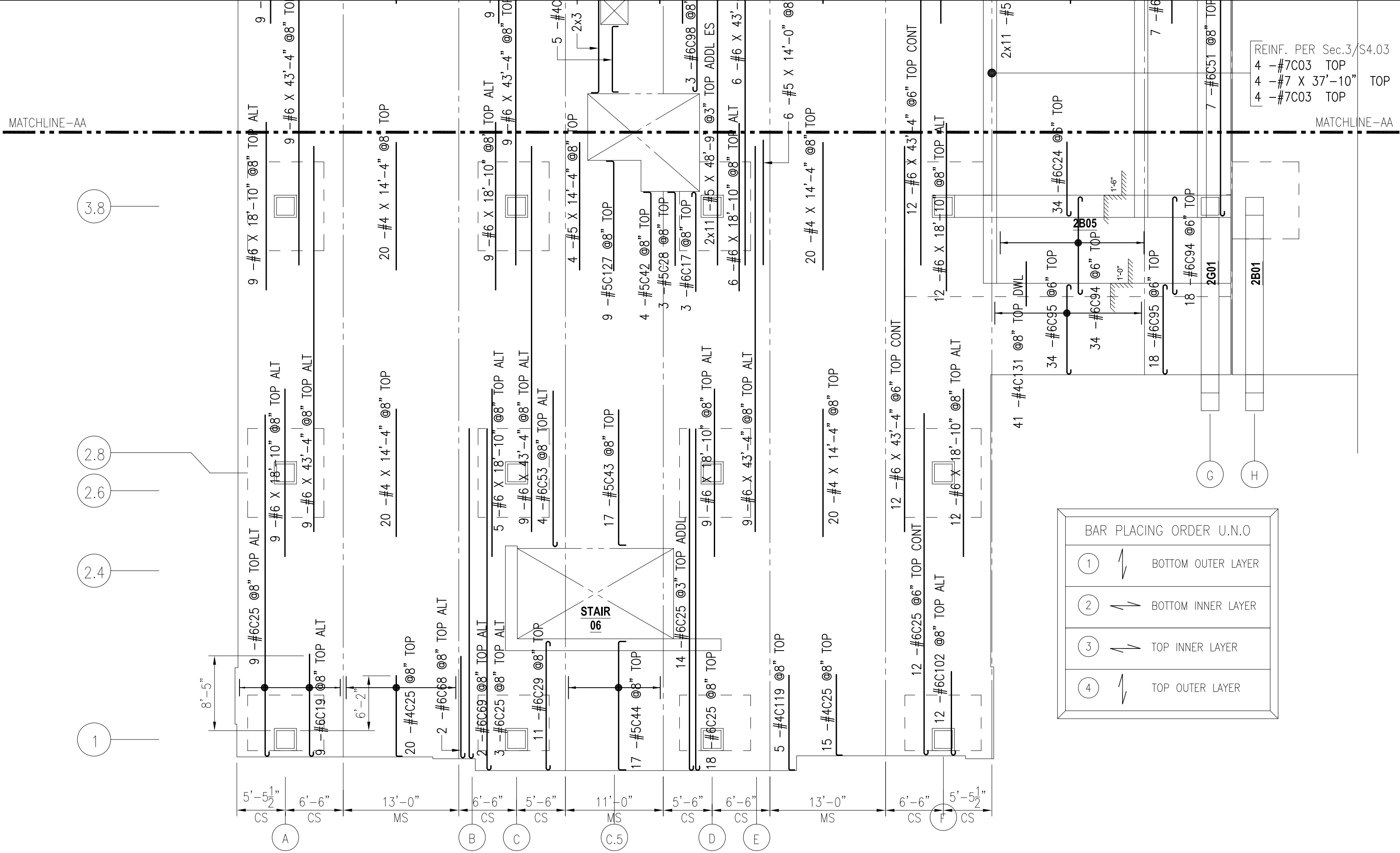
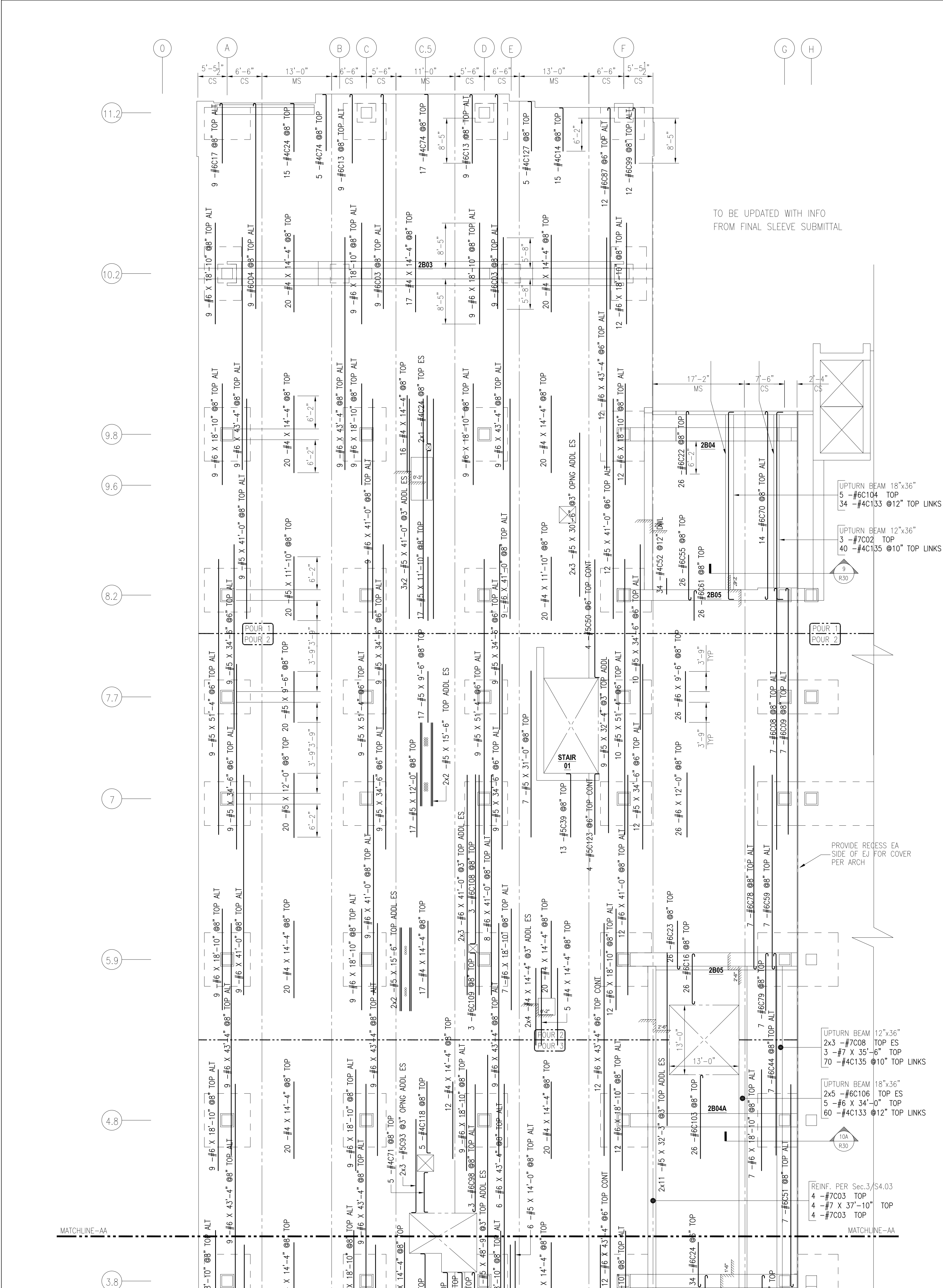
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED U.N.O

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12/05/14	0	APPROVAL	12/05/14	APPROVAL			
DATE	REV	DESCRIPTION	DATE	SENT FOR			
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543							
PROJECT	SETON MEDICAL CENTER						
LOCATION	AT THE UNIVERSITY OF TEXAS						
ARCHITECT	TEXAS						
ENGINEER							
CUSTOMER							
Drawn By:	ROH	Date:	12/05/14	Reviewed By:	ROH	Job No.	
Drawing Covers:	SLAB & BEAMS REINF DETAILS				Drawing no.		
LEVEL 2 (POUR 1, 2, 3)				R25			

[illegible][illegible]

12/05/14	0	APPROVAL		12/05/14	APPROVAL		
DATE	REV. NO.	DESCRIPTION		DATE	SENT FOR		
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543							
PROJECT	SETON MEDICAL CENTER						
LOCATION	AT THE UNIVERSITY OF TEXAS						
ARCHITECT							
ENGINEER							
CUSTOMER							
Drawn By:	ROH		Date:	12/05/14		Reviewed By:	Job No.
						ROH	
Drawing Covers: SLAB & BEAMS REINF DETAILS LEVEL 2 (POUR 1, 2, 3)							
						Drawing no. R26	



TOP OUTER LAYER
LEVEL 2 SLAB (P1-P3) REINF DETAILS
REF: S2.21, S2.22 (04/24/15) S2.210R (01/19/15)

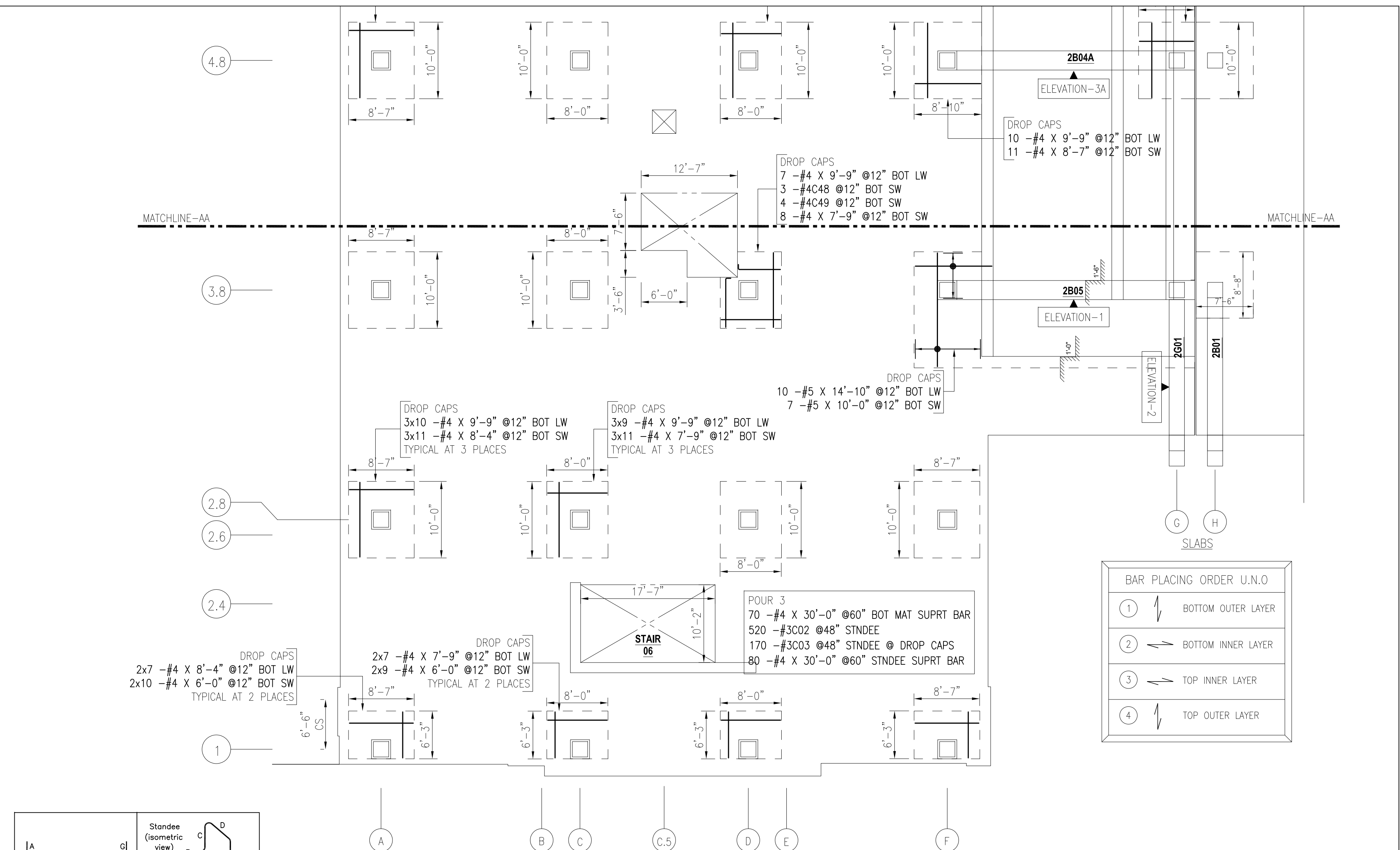
Release Code: R27					BENDING DETAILS.											
Bar Mark	Qty	Size	Total length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'W'
4C16	15 #4	8'9"	2		8'	8'										
4C24	15 #4	9'8"	2		8'	9'										
4C25	35 #4	9'9"	2		8'	9'										
4C32	34 #4	4'4"	2		8'	3'					8"					
4C71	5 #4	8'9"	2		8'	7'					8"					
4C73	2 #4	9'8"	2		8'	9'										
4C74	22 #4	11'2"	2		8'	10'										
5C28	3 #5	9'1"	2		10'	8'										
5C39	13 #5	12'8"	2		10'	11'										
5C42	4 #5	9'8"	2		10'	8'										
5C43	17 #5	16'1"	2		10'	15'										
5C44	17 #5	16'2"	2		10'	14'					10"					
5C50	4 #5	22'10"	2		10'	22'										
5C93	6 #5	18'3"	2		10'	17'										
6C03	18 #6	4'0"	1		8'	4'								6'		
6C04	9 #6	3'0"	1		8'	3'								6'		
6C08	7 #6	4'6"	1		8'	4'								6'		
6C09	7 #6	4'9"	1		8'	4'								6'		
6C13	18 #6	13'6"	1		8'	12'								6'		
6C16	26 #6	10'9"	1		8'	9'					8"			6'		
6C17	12 #6	11'0"	1		8'	11'								6'		
6C19	9 #6	12'2"	1		8'	11'								6'		
6C22	26 #6	12'5"	1		8'	11'								6'		
6C23	26 #6	9'8"	1		8'	9'								6'		
6C24	34 #6	9'0"	1		8'	8'								6'		
6C25	56 #6	3'11"	1		8'	3'								6'		
6C29	11 #6	15'10"	1		8'	14'					8"			6'		
6C44	7 #6	38'4"	1		8'	37'								6'		
6C51	7 #6	38'5"	1		8'	37'								6'		
6C53	4 #6	18'2"	1		8'	17'								6'		
6C55	26 #6	9'1"	1		8'	8'								6'		
6C59	7 #6	36'11"	1		8'	36'								6'		
6C61	26 #6	6'3"	1		8'	5'								6'		

Release Code: R27				BENDING DETAILS.												
Bar Mark	Qty	Size	Total length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
6C68	2 #6	12'1"	12'	1	8'	11'									6'	
6C69	2 #6	37'9"	12'	1	8'	37'										
6C70	14 #6	36'5"	12'	1	8'	35'					8'					
6C78	7 #6	38'7"	12'	1	8'	37'11"									6'	
6C79	7 #6	11'4"	12'	1	8'	10'8"										6'
6C87	12 #6	38'3"	12'	1	8'	37'7"										6'
6C94	52 #6	12'4"	12'	1	8'	11'0"					8'					6'
6C95	52 #6	11'5"	12'	1	8'	10'11"					8'					6'
6C98	3 #6	24'5"	12'	1	8'	23'9"										6'
6C99	12 #6	11'1"	12'	1	8'	10'5"										6'
7C03	8 #7	18'8"	12'	1	12'	17'6"										
7C06	3 #7	37'4"	12'	1	12'	35'0"							12'			
7C08	6 #7	20'2"	12'	1	12'	19'0"										
4C108	5 #4	14'0"	12'	1	8'	13'4"										
4C109	5 #4	11'4"	12'	1	8'	10'8"										
4C127	5 #4	9'11"	12'	1	8'	9'3"										
4C131	4 #4	6'0"	12'	1	8'	5'6"										
4C133	94 #4	2'9"	12'	1	4 1/2"	1'3"								4 1/2"		
4C135	110 #4	1'6"	12'	1	4 1/2"	9"								4 1/2"		
5C123	4 #5	12'2"	12'	1	10'	11'4"										
5C127	9 #5	13'2"	12'	1	10'	12'4"										
6C102	12 #6	10'1"	12'	1	8'	9'5"										
6C103	26 #6	16'3"	12'	1	8'	15'7"									6'	
6C104	5 #6	37'0"	12'	1	10'	35'0"						10'				
6C106	10 #6	19'1"	12'	1	10'	18'1"										
6C108	3 #6	32'7"	12'	1	10'	31'7"										
6C109	3 #6	11'8"	12'	1	10'	10'8"										

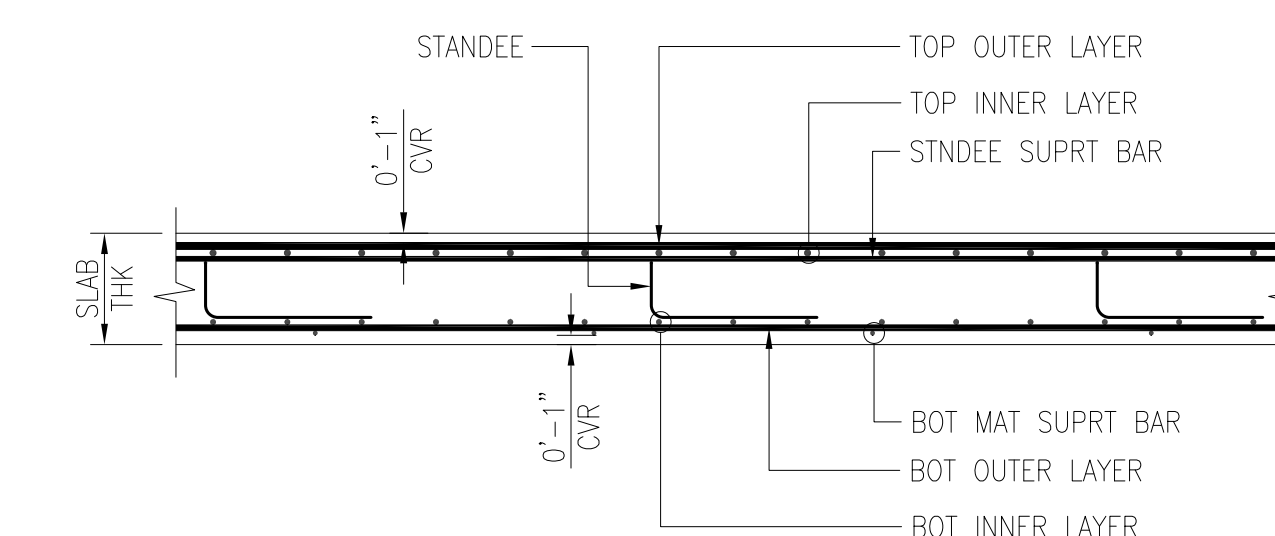
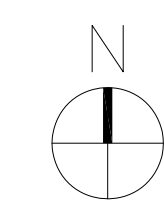
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED U.N.O.

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12/05/14	0	APPROVAL	12/05/14	APPROVAL			
DATE	REV	DESCRIPTION	DATE	SENT FOR			
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543							
PROJECT	SETON MEDICAL CENTER						
LOCATION	AT THE UNIVERSITY OF TEXAS						
ARCHITECT	TEXAS						
ENGINEER							
CUSTOMER							
Drawn By:	ROH	Date:	12/05/14	Reviewed By:	ROH	Job No.	
Drawing Covers:	SLAB & BEAMS REINF DETAILS				Drawing no.	R27	
LEVEL 2 (POUR 1, 2, 3)							



REF: S2.21, S2.22 (04/24/15)



BAR ARRANGEMENT
(TYPICAL DETAIL)

[illegible]

Release Code: R29				BENDING DETAILS.															
Bar	Mark	Qty	Size	total length	type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'	
4001		44	#4	26'	19	0 4 5/8	19"					0 4 5/8							
4002		26	#4	6'0"	53	0 4 5/8	19"	19"	19"			0 4 5/8	0'3"						
4003		148	#4	3'0"	19	0 4 5/8	2'3"					0 4 5/8							
4005		66	#4	12'6"	53	0 4 5/8	4'9"	2'3"	4'9"			0 4 5/8	0'3"						
4052		40	#4	4'4"	2	0 8"	30"					0 8"							
4054		20	#4	8'5 1/2"	53	0 4 5/8	3'3"	12 1/2"	3'3"			0 4 5/8	0'3"						
4055		20	#4	1'11 1/2"	19	0 4 5/8	12 1/2"					0 4 5/8							
4060		33	#4	3'9"	2	0 8"	25"					0 8"							
4079		58	#4	7'6"	53	0 4 5/8	2'3"	2'3"	2'3"			0 4 5/8	0'3"						
4082		24	#4	10'6"	53	0 4 5/8	3'9"	2'3"	3'9"			0 4 5/8	0'3"						
4084		26	#4	4'11"	53	0 4 5/8	1'9"	0 8"	1'9"			0 4 5/8	0'3"						
4091		18	#4	8'0"	53	0 4 5/8	2'9"	1'9"	2'9"			0 4 5/8	0'3"						
4092		18	#4	6'11"	53	0 4 5/8	2'9"	0 8"	2'9"			0 4 5/8	0'3"						
4097		22	#4	34'4"	2	0 8"	33'0"					0 8"							
4099		6	#4	36'11"	2	0 8"	34'9"					0 8"							
5002		6	#5	5'2 1/2"	19	0 5 5/8	4'3"					0 6"							
5007		36	#5	13'8"	53	0 5 5/8	4'3"	4'3"	4'3"			0 5 5/8	0'3 1/2"						
5088		36	#5	11'9"	53	0 5 5/8	4'3"	2'4"	4'3"			0 5 5/8	0'3 1/2"						
5089		41	#5	14'8"	53	0 5 5/8	4'9"	4'3"	4'9"			0 5 5/8	0'3 1/2"						
5099		6	#5	12'0"	53	0 5 5/8	4'9"	1'7"	4'9"			0 5 5/8	0'4"						
6001		40	#6	19'6"	2	1 0"	18'6"					1 0"							
6006		8	#6	8'9"	2	1 0"	6'9"					1 0"							
6076		8	#6	8'8"	2	1 0"	6'8"					1 0"							
7001		8	#7	21'5"	2	1 2"	20'3"					1 2"							
7002		4	#7	37'4"	2	1 2"	35'0"					1 2"							
7009		24	#7	8'5"	2	1 2"	7'3"					1 2"							
8001		20	#8	35'11"	2	1 4"	33'3"					1 4"							
8007		9	#8	24'0"	2	1 4"	23'6"					1 4"							
8008		9	#8	26'11"	2	1 4"	24'9"					1 4"							
9002		4	#9	16'4"	2	1 7"	16'9"					1 7"							
9003		4	#9	21'4"	2	1 7"	18'2"					1 7"							
9004		4	#9	12'4"	2	1 7"	10'9"					1 7"							
9005		4	#9	17'2"	2	1 7"	14'0"					1 7"							
9008		18	#9	18'3"	2	1 7"	16'8"					1 7"							
9013		4	#9	14'10"	3		6'0"	12 1/2"	6'0"				1 7"	10"	0'7 1/2"	14'3"			
9014		4	#9	10'3"	3		3'9"	13 1/2"	5'2 1/2"				1 7"	10"	0'8 1/2"	9'7 1/2"			
9015		9	#9	36'5"	2	1 7"	33'3"					1 7"							
10001		9	#10	4'5'2"	2	1 10"	3'9"					1 10"							
40108		2	#4	8'1"	2	0 8"	6'9"					0 8"							
40130		2	#4	28'10"	2	0 8"	27'6"					0 8"							
50101		11	#5	5'3"	55	0 6"	4'3"					0 6"							
50120		10	#5	11'7"	53	0 5 5/8	4'9"	1'2"	4'9"			0 5 5/8	0'3 1/2"						
50128		20	#5	16'4"	2	0'10"	15'6"					10"							
60107		2	#6	35'3"	2	1 10"	33'3"					10"							

19

33

02

15

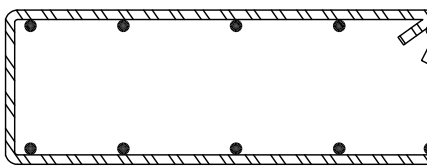
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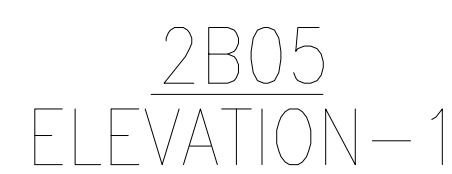
REINFORCING
ASTM A615

REINFORCING STEEL
CONJUNCTION WITH
COLUMNS. ELEVATION
DRAWING AREA SHOULD
NOT BE VERIFIED BY

REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED U.N.

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

12/05/14	0	APPROVAL	12/05/14	APPROVAL	
DATE	REV. NO.	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone # 240-786-6543					
					
PROJECT		SETON MEDICAL CENTER			
LOCATION		AT THE UNIVERSITY OF TEXAS			
ARCHITECT					
ENGINEER					
CUSTOMER					
Drawn By: ROH		Date: 12/05/14	Reviewed By: ROH		Job No.
Drawing Covers:		SLAB & BEAMS REINF DETAILS LEVEL 2 (POUR 1, 2, 3)			Drawing no. R28



2G01
ELEVATION-2

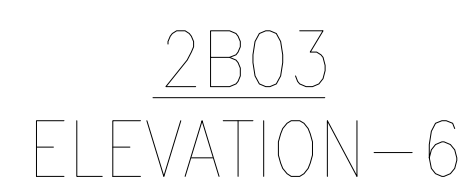
2B04
ELEVATION-3

2B05
ELEVATION-4

2B05
ELEVATION-4A

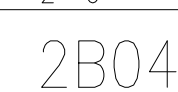
ELEVATION-5

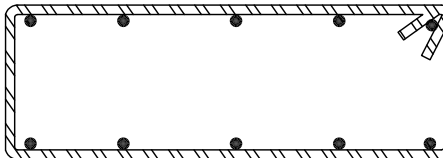
FOR BBS DETAILS REFER R28

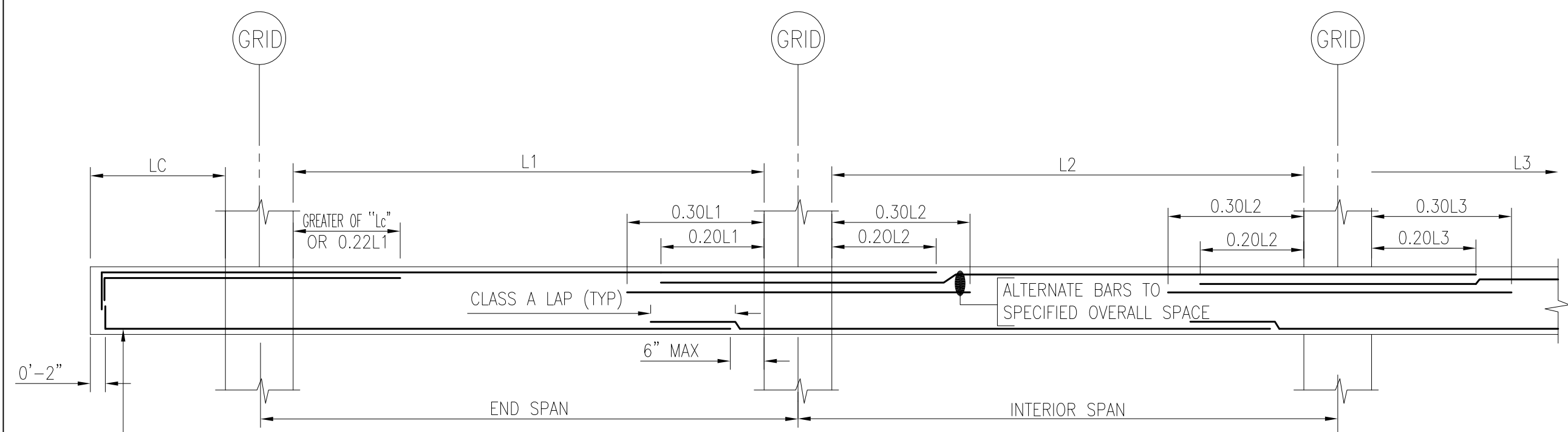


2B04A
ELEVATION-3A

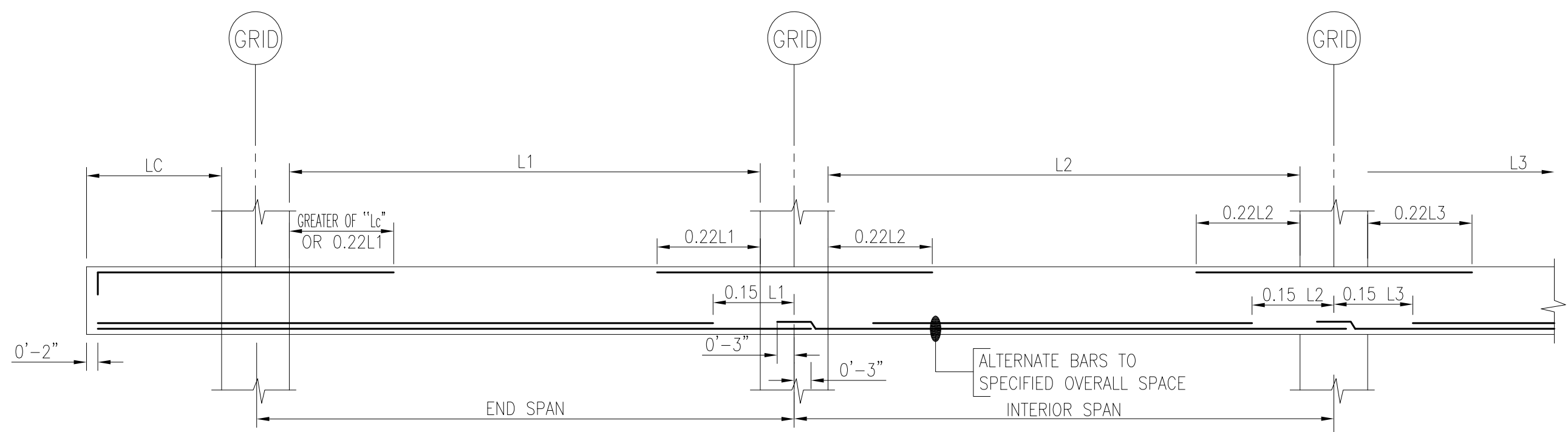
2B05



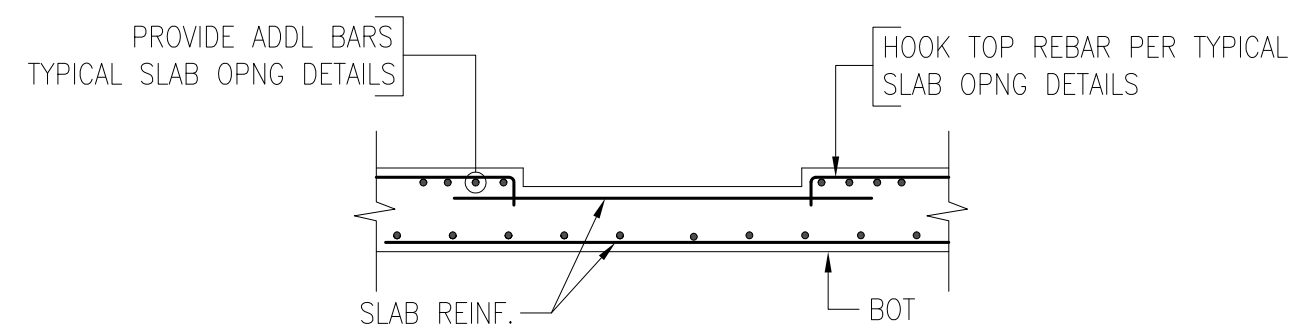
12/05/14	0	APPROVAL		12/05/14	APPROVAL		
DATE	REV. NO.	DESCRIPTION		DATE	SENT FOR		
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543							
PROJECT		SETON MEDICAL CENTER					
LOCATION		AT THE UNIVERSITY OF TEXAS					
ARCHITECT							
ENGINEER							
CUSTOMER							
IN FI- HS ND SS	Drawn By: ROH		Date: 12/05/14		Reviewed By: ROH		Job No.
Drawing Covers:		SLAB & BEAMS REINF DETAILS LEVEL 2 (POUR 1, 2, 3)				Drawing no. R29	



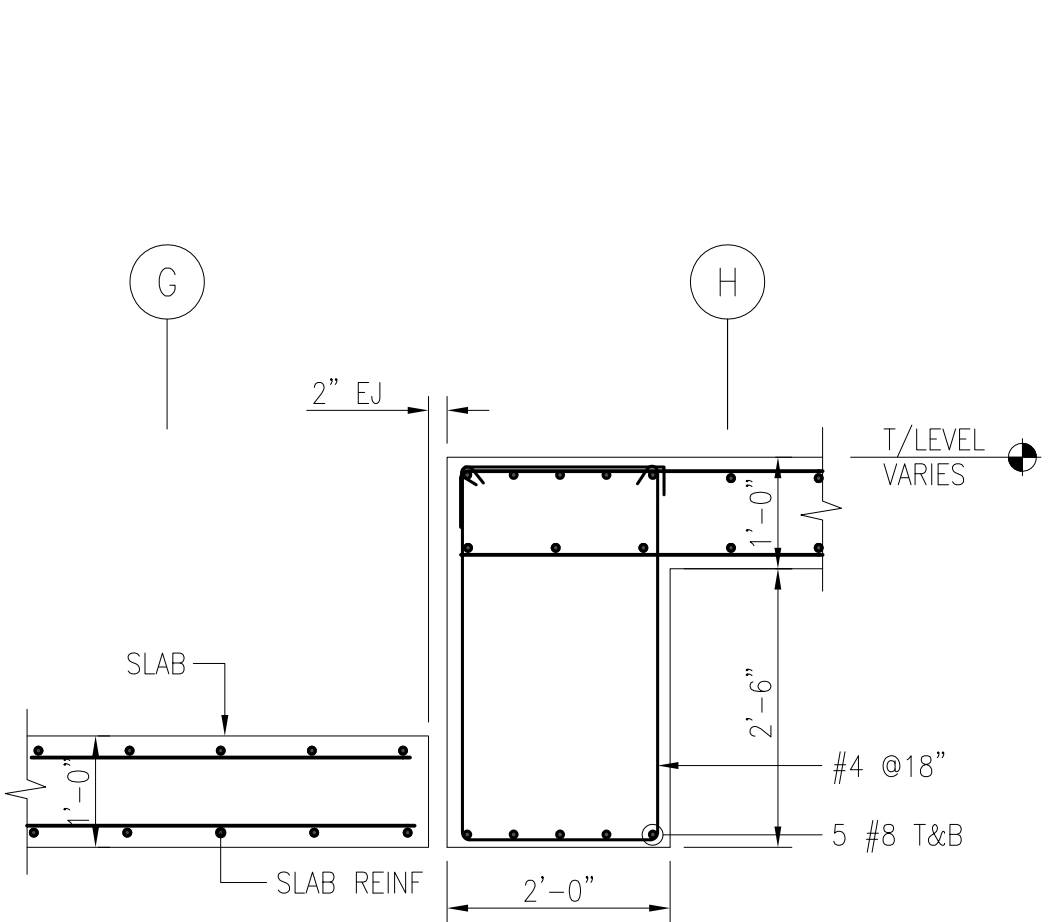
COLUMN STRIP SLAB REINF DETAILS



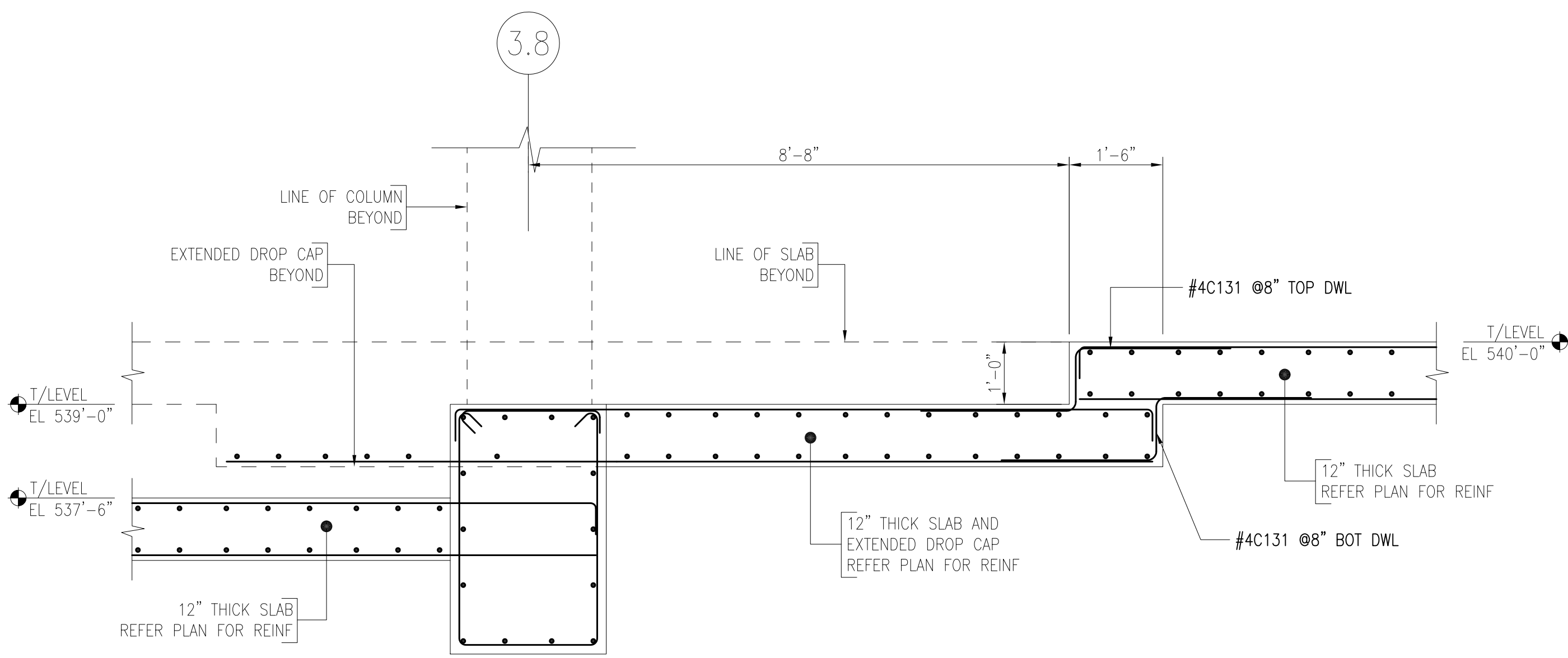
FLAT PLATE REINF. LAYOUT
REF: 1/S1.04 (01/19/15)



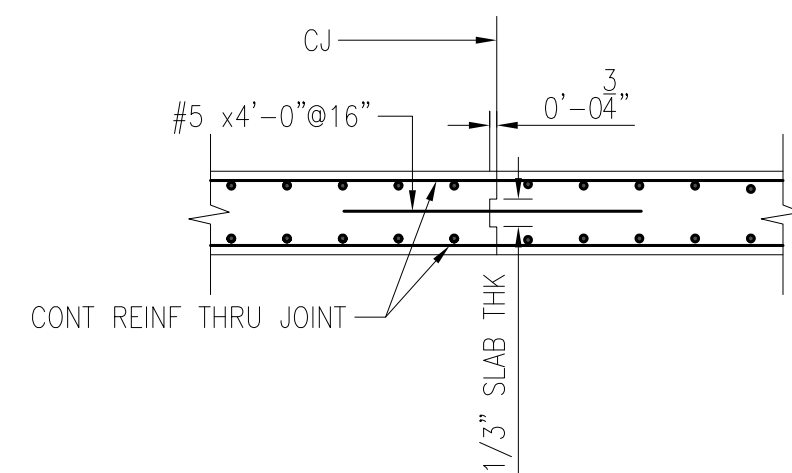
TYPICAL SLAB DEPRESSION DETAIL
REF: 10/S1.04 (01/19/15))



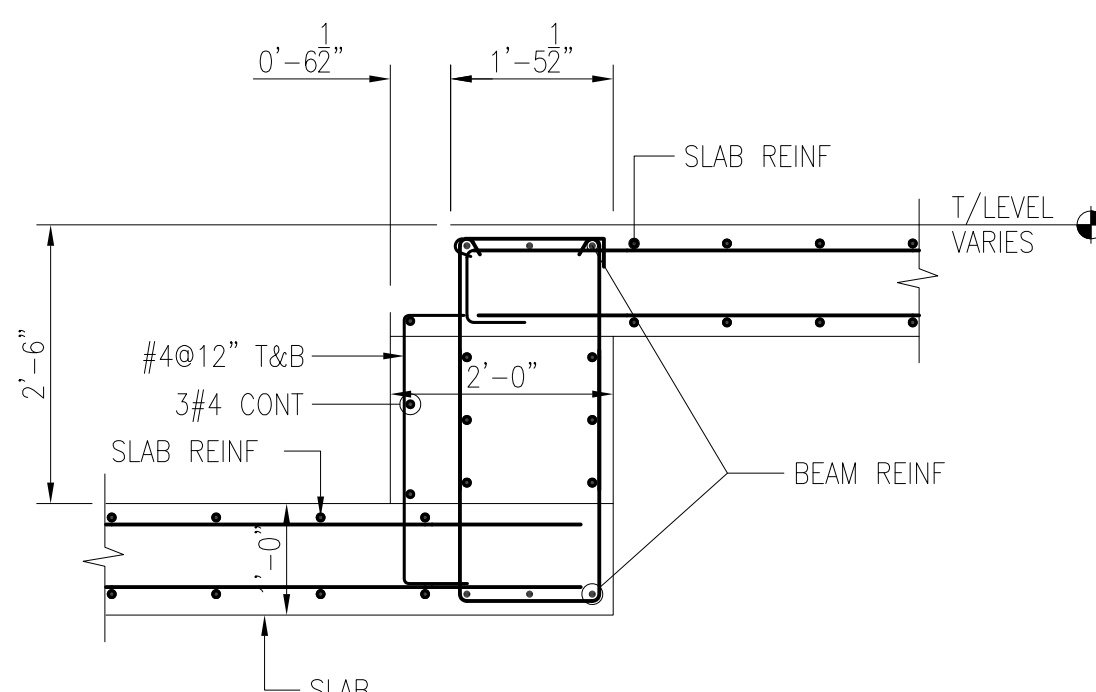
SECTION-1
REF: 1/S4.03 (04/24/15)



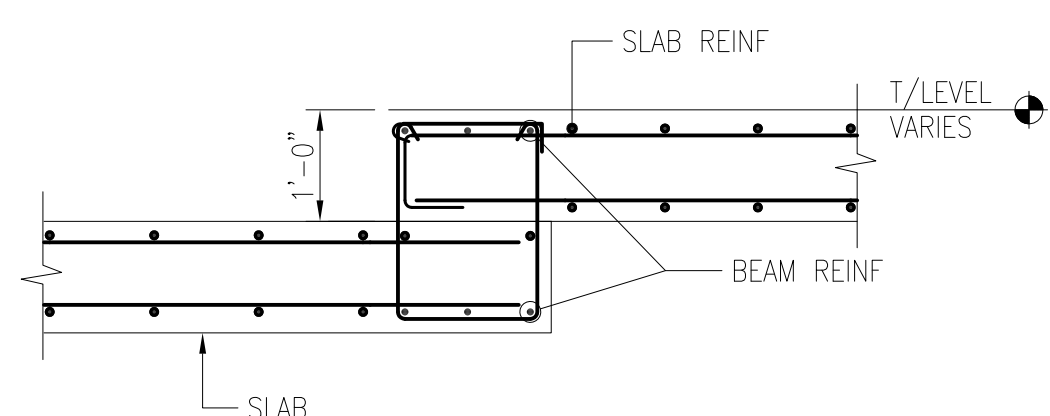
SECTION-2
REF: 2/S4.03 (04/24/15)



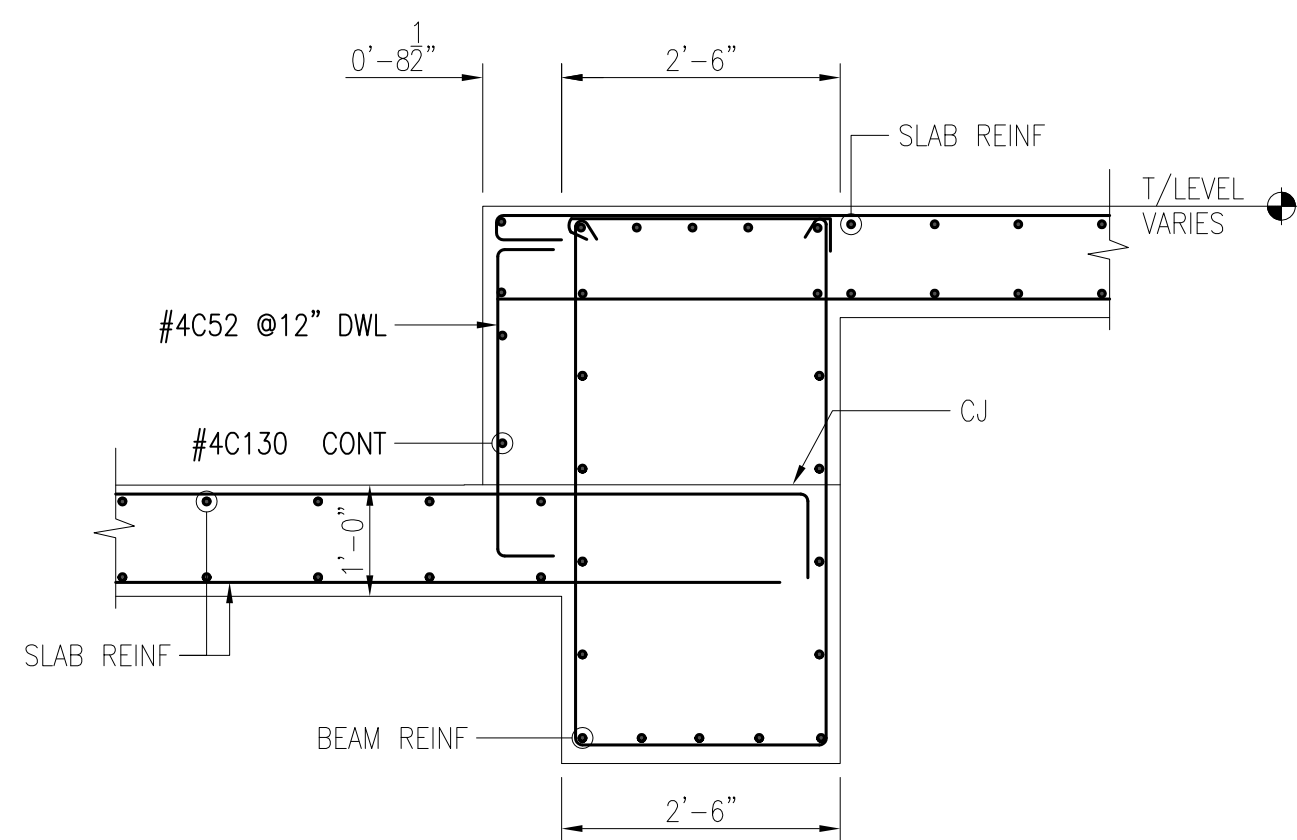
SECTION-2A
REF: 2/S1.04 (01/19/15)



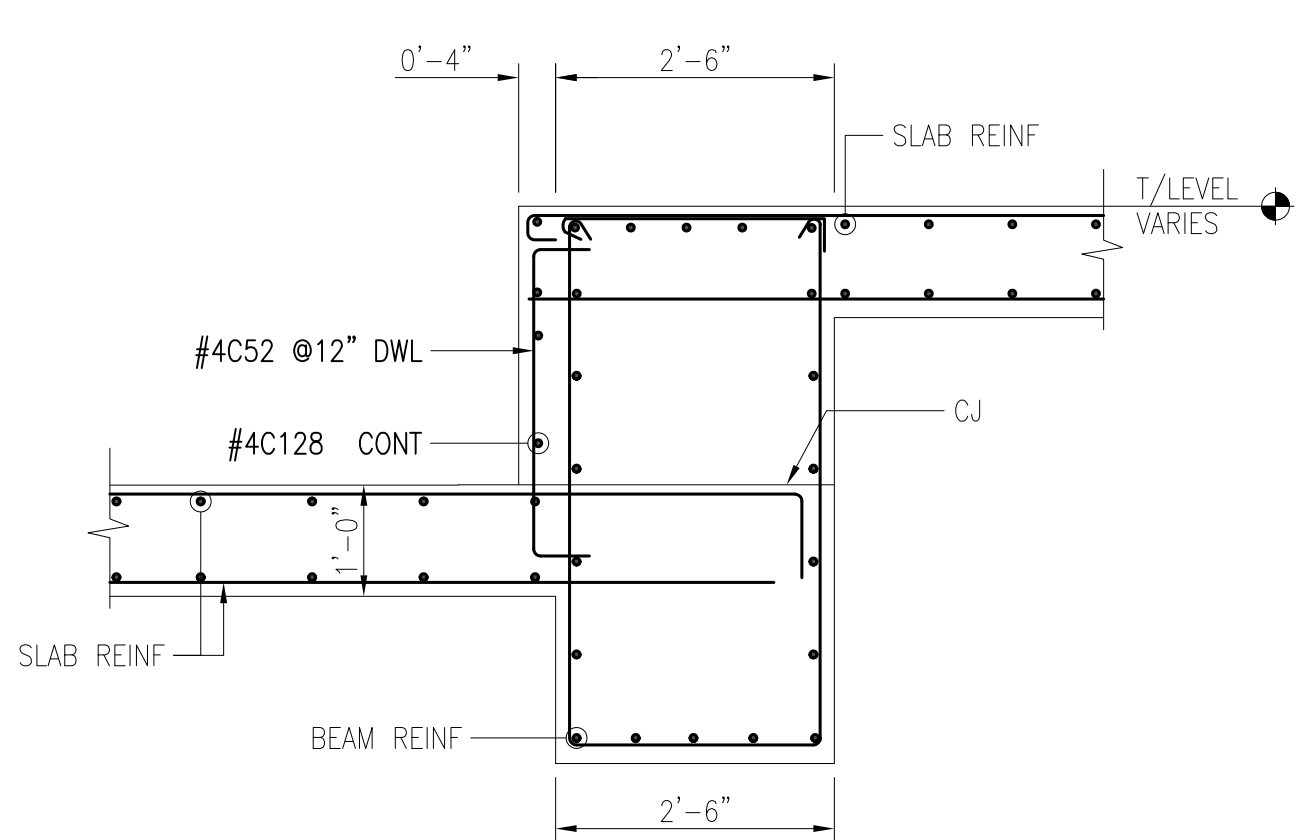
SECTION-3
REF: 3/S4.03 (04/24/15)



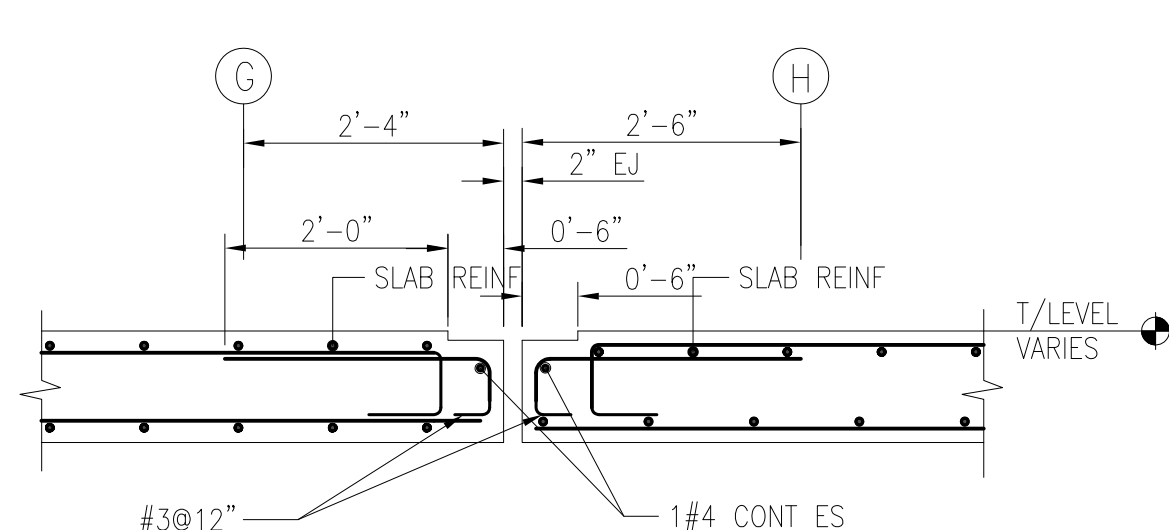
SECTION-3A
REF: 3/S4.03 (04/24/15)



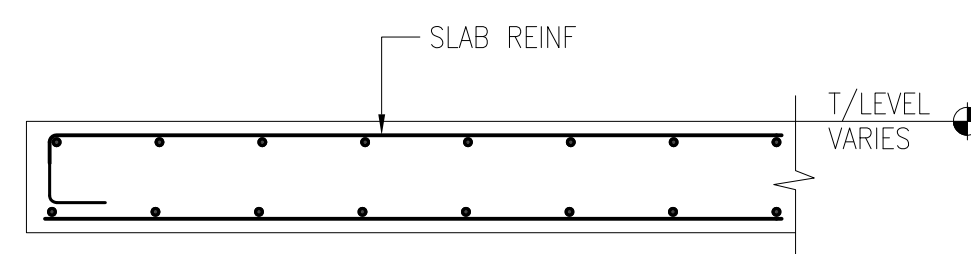
SECTION-6
REF: 6/S4.03 (04/24/15)



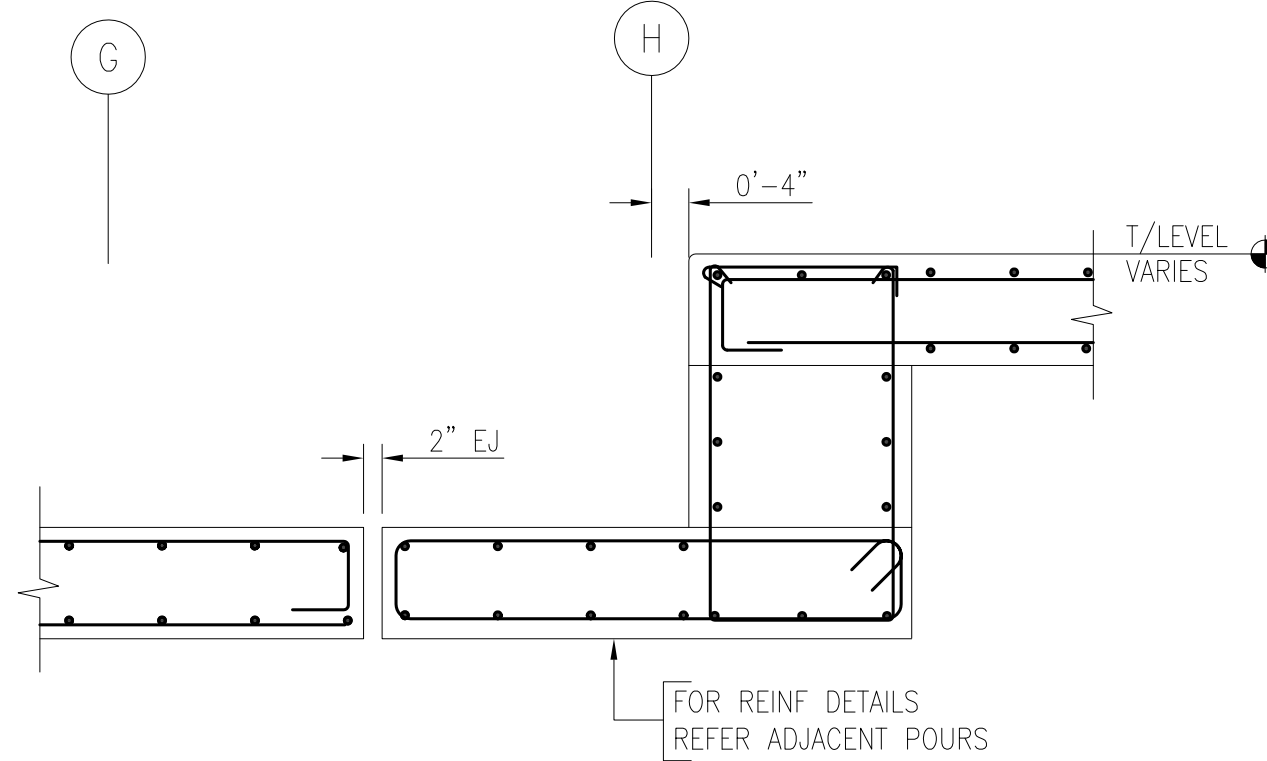
SECTION-6A
REF: 6/S4.03 (04/24/15)



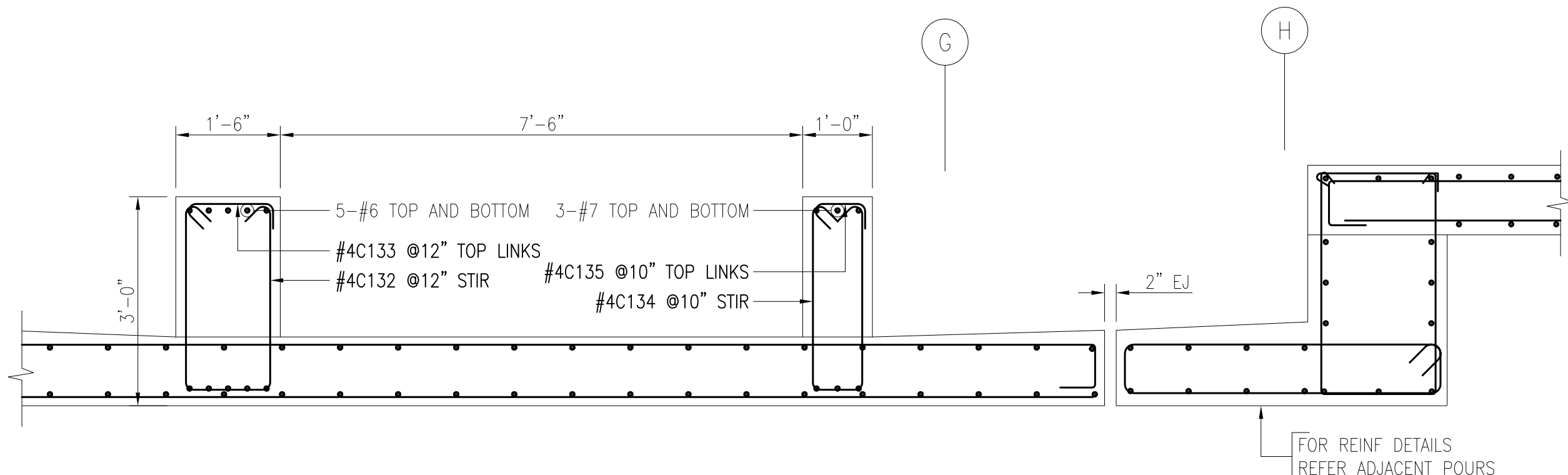
SECTION-7
REF: 7/S4.03 (04/24/15)



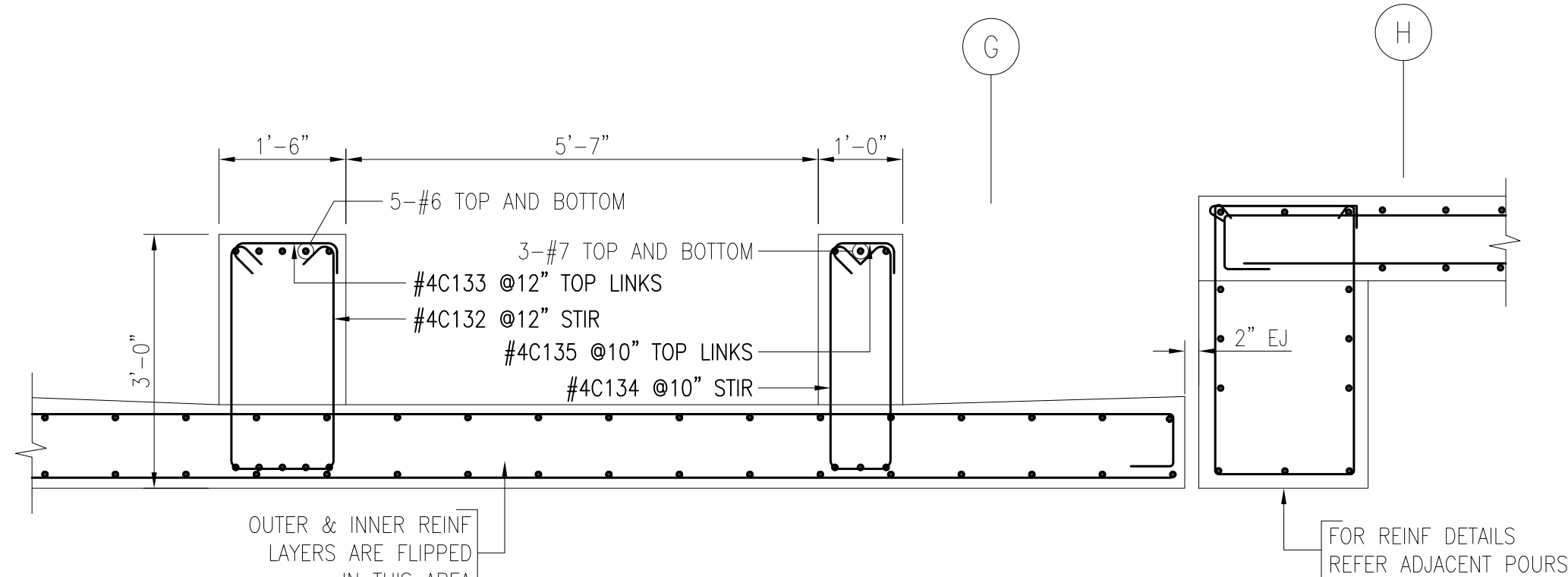
SECTION-10
REF: 10/S4.03 (04/24/15)



SECTION-14
REF: 14/S4.03 (04/24/15)



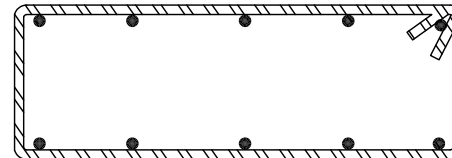
SECTION-9
REF: 9/S4.06 (05/26/15)

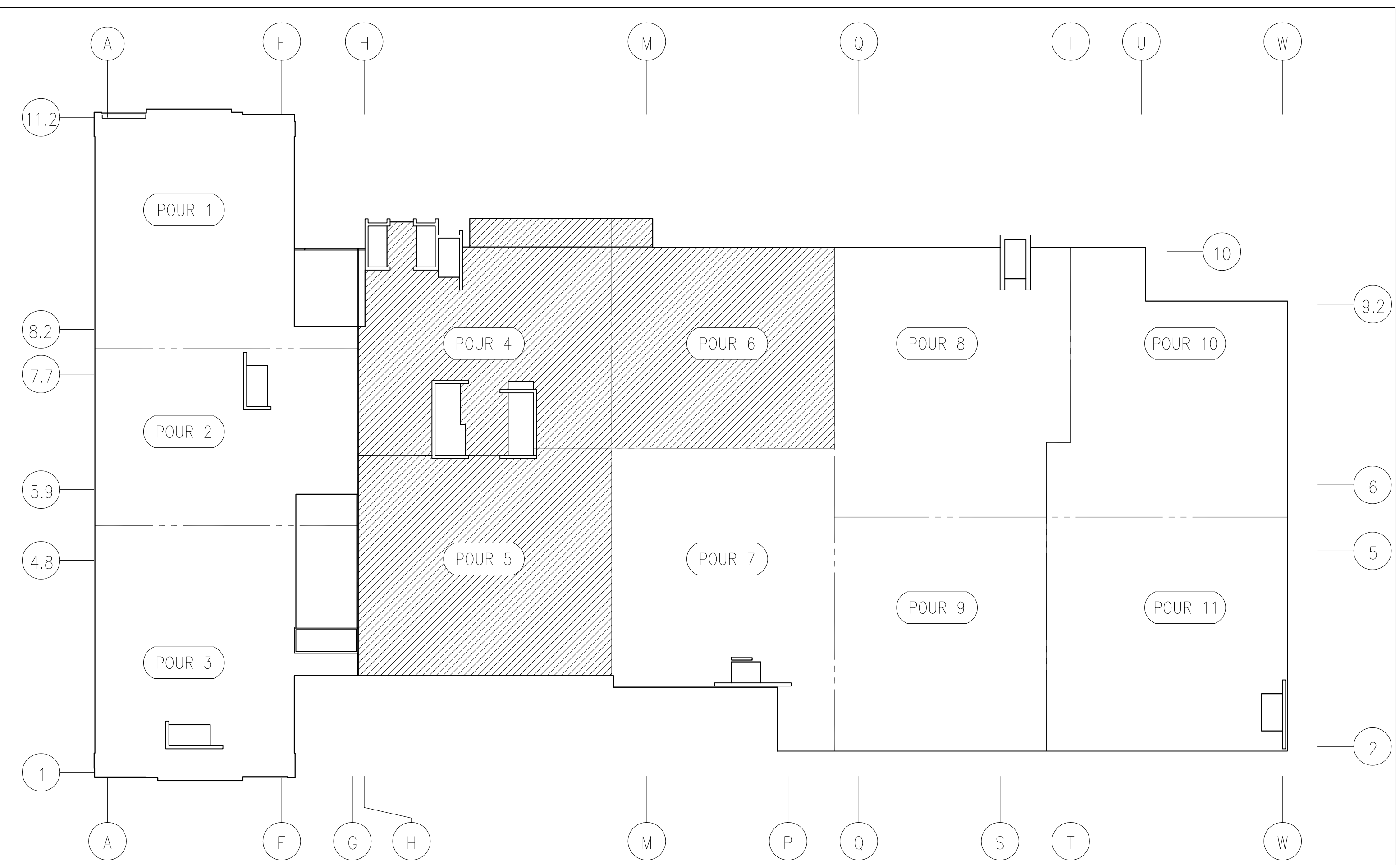


SECTION-10A
REF: 10/S4.06 (05/26/15)

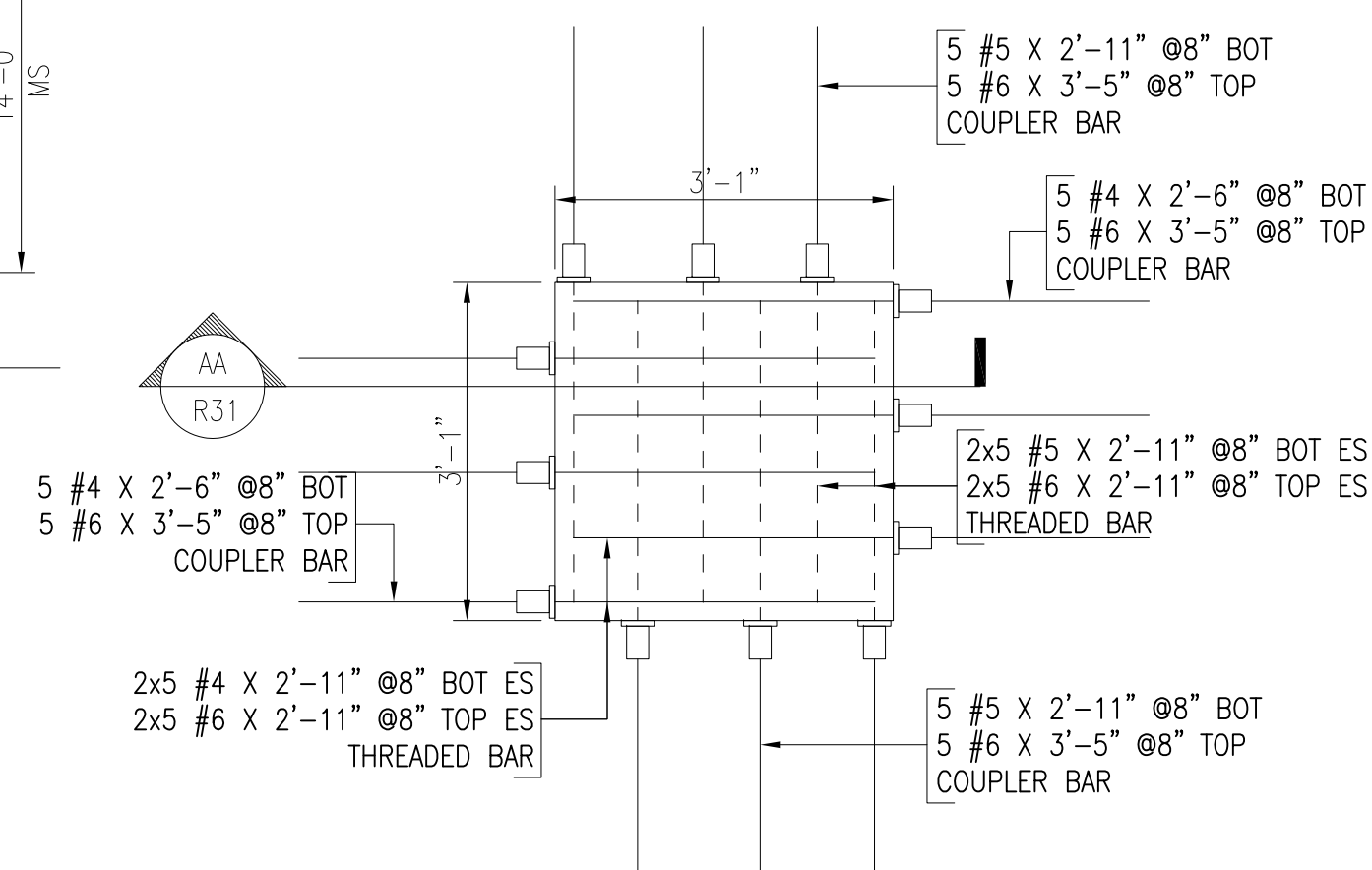
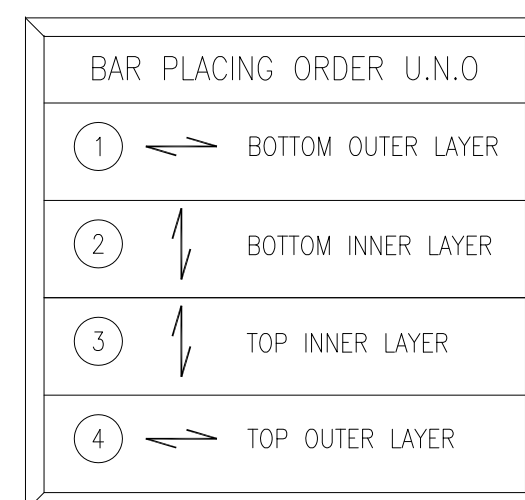
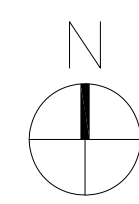
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED U.N.O

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

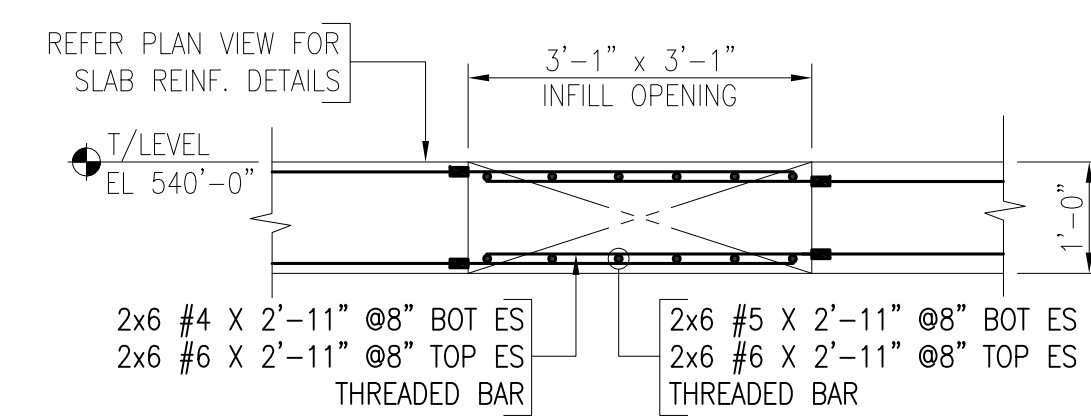
12/05/14	0	APPROVAL	12/05/14	APPROVAL	
DATE	REV	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
					
PROJECT		SETON MEDICAL CENTER			
LOCATION		AT THE UNIVERSITY OF TEXAS			
ARCHITECT		TEXAS			
ENGINEER					
CUSTOMER					
Drawn By:		Date:	Reviewed By:	Job No.	
ROH		12/05/14	ROH		
Drawing Covers:		SLAB & BEAMS REINF DETAILS			Drawing no.
		LEVEL 2 (POUR 1, 2, 3)			R30



REF: S2.21 to S2.24 (04/24/15) S2.210R (01/19/15)



PLAN VIEW
BOOM DETAIL



GRID-K/L, ALONG GRID-8.2
BOOM DETAIL
SECTION-AA
REF: CCD #3 (01/19/15)

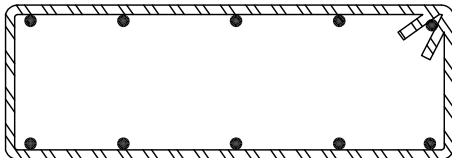
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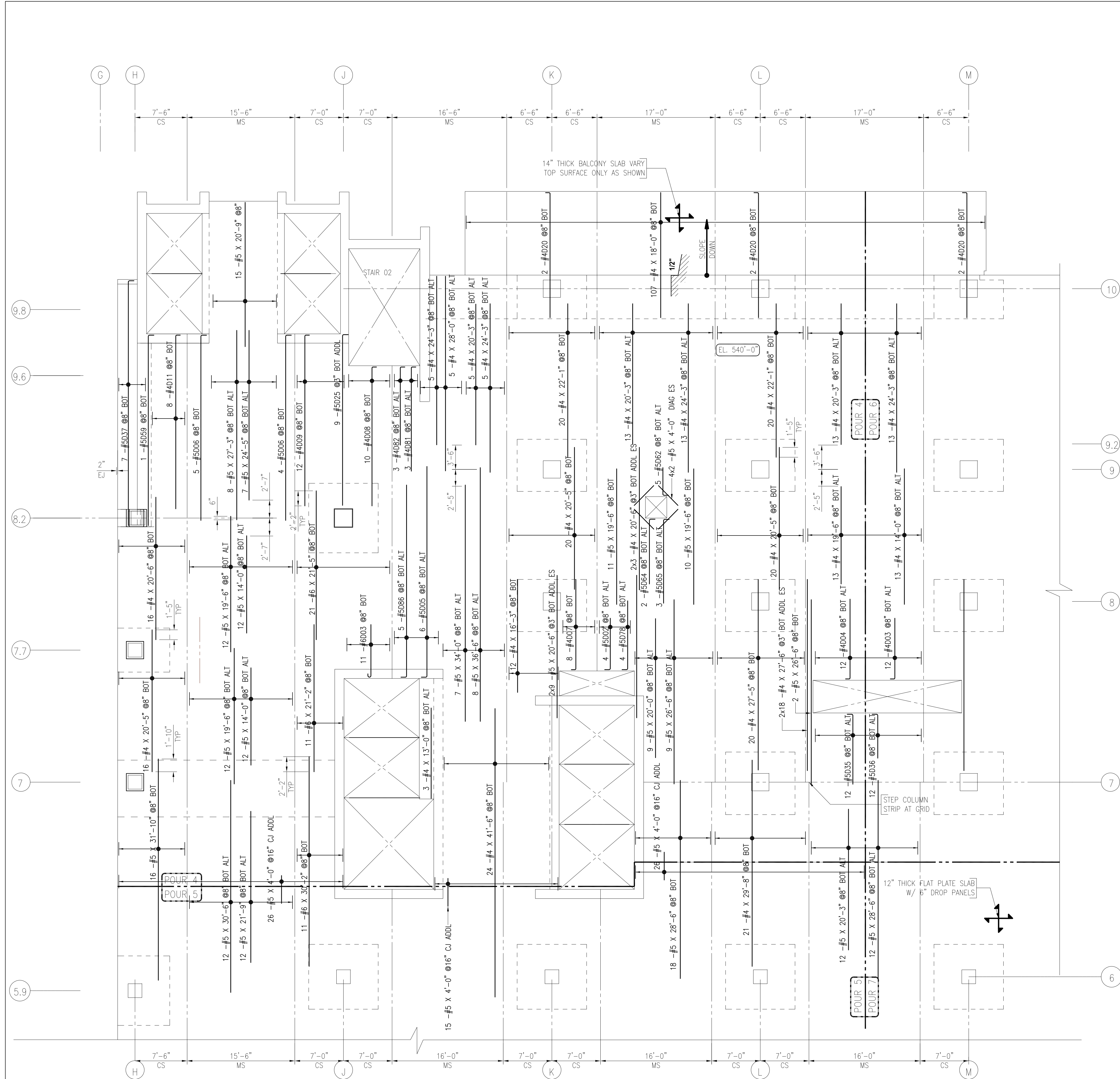
REINFORCING BARS ARE ASTM A615 GRADE 60, UNCOATED UNLESS NOTED.

Legend:

IF Inside Face	V Vertical
OF Outside Face	H Horizontal
NF Near Face	EW Each Way
FF Far Face	B/Bot Bottom
EF Each Face	T Top
	SB Support Bars

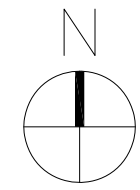
REINFORCING STEEL PLACING DRAWINGS MUST ONLY BE USED IN CONJUNCTION WITH PROJECT CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

12/09/14	0	APPROVAL		12/09/14	APPROVAL		
DATE	REV. NO.	DESCRIPTION		DATE	SENT FOR		
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543							
PROJECT		SETON MEDICAL CENTER					
		AT THE UNIVERSITY OF TEXAS					
LOCATION		TEXAS					
ARCHITECT							
ENGINEER							
CUSTOMER							
Drawn By: ROH		Date: 12/09/14		Reviewed By: ROH		Job No.	
Drawing Covers: SLAB & BEAM REINF. DETAILS		Level 2 (POUR 4) R31					



BOT INNER LAYER
LEVEL 2 SLAB & BEAM REINFORCEMENT PLAN – POUR 4 (L2-P4)

REF: S2.21 to S2.24 (04/24/15) S2.21IR (01/19/15)



BAR PLACING ORDER U.N.O	
1	BOTTOM OUTER LAYER
2	BOTTOM INNER LAYER
3	TOP INNER LAYER
4	TOP OUTER LAYER

NOTES:

- FINISHED FLOOR ELEVATION LEVEL = 100'-0"
- COVER DETAILS:
 - BEAMS & DROP CAPS = 1 1/2"
 - SLABS TOP & BOT = 1"
 - BEAM TOP COVER = 1"
- STOCK LENGTH USED #3 AND #4 IS 40'-0"
- STOCK LENGTH USED #5 AND #6 IS 60'-0"

LEGENDS:

- ADDL -- ADDITIONALS
ALT -- ALTERNATE
BM -- BEAM
BOT -- BOTTOM
CJ -- CONSTRUCTION JOINT
COL -- COLUMN
CONT -- CONTINUOUS
CS -- COLUMN STRIP
DIAG -- DIAGONAL
DWL -- DOWEL
DP -- DROP CAP
E60 -- EPOXY GRADE 60
EF -- EACH FACE
EJ -- EXPANSION JOINT
ES -- EACH SIDE
EW -- EACH WAY
HOR -- HORIZONTAL
LW -- LONG WAY
MS -- MIDDLE STRIP
OPNG -- OPENING
REINF -- REINFORCEMENT
SW -- SHORT WAY
T/BM -- TOP OF BEAM
T/SLAB -- TOP OF SLAB
UNO -- UNLESS NOTED OTHERWISE
VERT -- VERTICAL

LAP NOTES:

LAP VALUE AS PER SHEET S1.01

CLASS B LAP 5000 PSI FOR SLAB AND BEAMS		
SIZE	TOP	OTHERS
#3	22"	17"
#4	30"	23"
#5	36"	28"
#6	44"	34"
#7	64"	49"
#8	73"	56"
#9	82"	63"
#10	92"	71"
#11	101"	78"

LAP NOTES:

LAP VALUE AS PER SHEET S1.01

CLASS A LAP 5000 PSI FOR SLAB		
SIZE	TOP	OTHERS
#3	17"	13"
#4	23"	17"
#5	28"	22"
#6	34"	26"
#7	49"	38"
#8	56"	43"
#9	63"	48"
#10	71"	54"
#11	78"	60"

LAP NOTES:

LAP VALUES AS PER SHEET NO. S1.04 FOR SLAB OPENING

36 BAR DIA	
SIZE	VALUE
#3	14"
#4	18"
#5	23"
#6	27"
#7	32"
#8	36"

Release Code: R32		BENDING DETAILS.																	
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'	N'	O'
4003	12	#4	95'	2	8"	89"													
4004	12	#4	122'	2	8"	116"													
4007	8	#4	138'	2	8"	130"													
4008	10	#4	208'	2	8"	200"													
4009	12	#4	253'	2	8"	247"													
4011	8	#4	258'	2	8"	250"													
4020	6	#4	88'	2	8"	80"													
4081	3	#4	58'	2	8"	50"													
4082	3	#4	111'	2	8"	113"													
5002	4	#5	83'	2	10"	75"													
5005	6	#5	312'	2	10"	304"													
5006	9	#5	276'	2	10"	268"													
5025	9	#5	255'	2	10"	247"													
5035	12	#5	101'	2	10"	101"													
5036	12	#5	72'	2	10"	64"													
5037	7	#5	36'	2	10"	353"													
5059	1	#5	283'	2	10"	275"													
5062	5	#5	410'	2	10"	410"													
5064	2	#5	102'	2	10"	94"													
5065	3	#5	121'	2	10"	121"													
5078	4	#5	109'	2	10"	911"													
5086	5	#5	286'	2	10"	278"													
6003	11	#6	83'	1	8"	77"													

01	02
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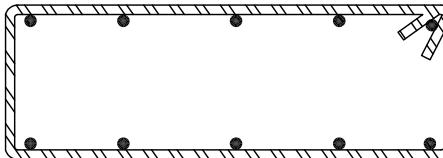
REFERENCE D.W.G.

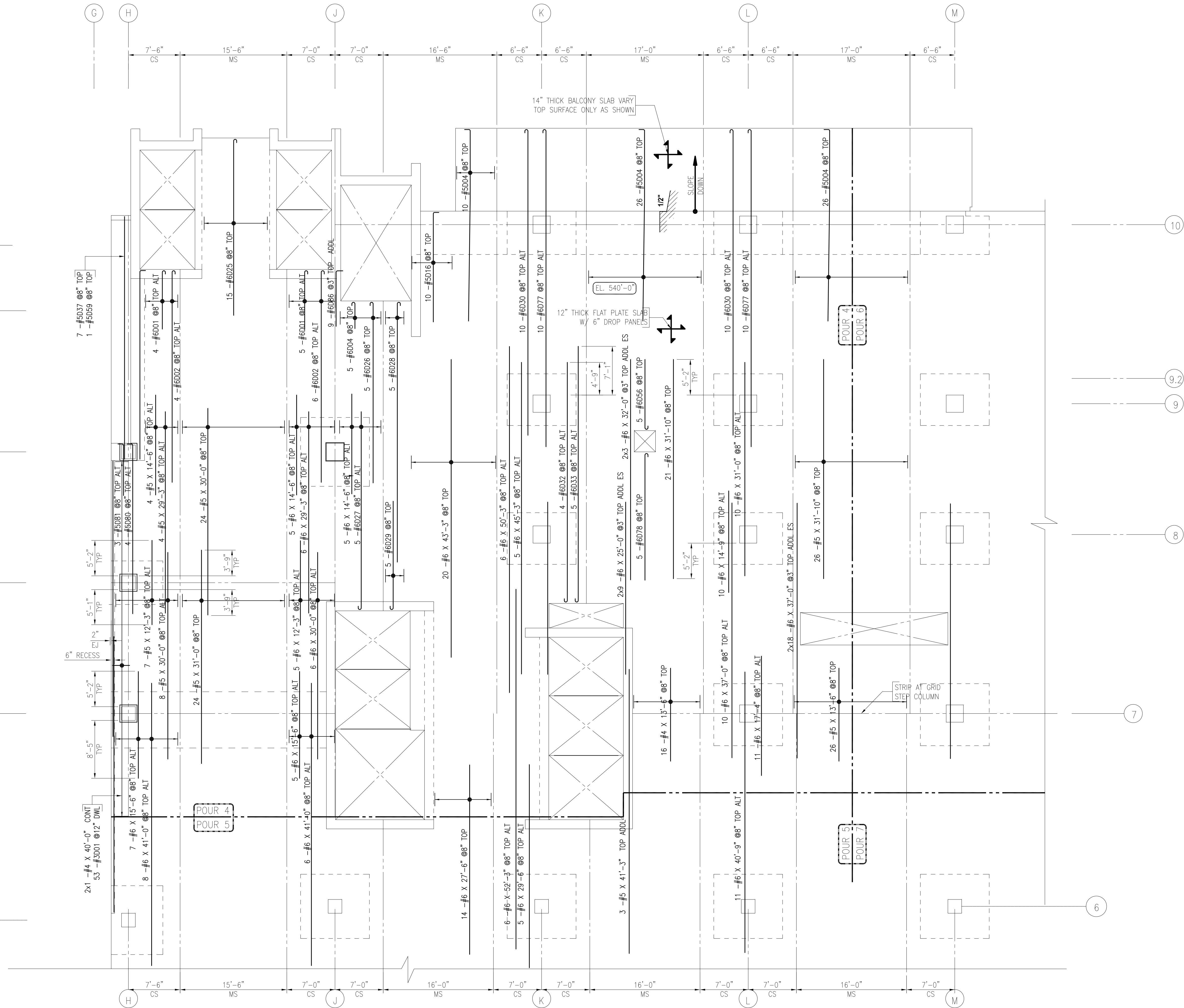
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE U.N.O

Legend:

- IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face
- V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

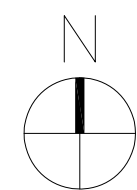
REINFORCING STEEL PLACING DRAWINGS MUST ONLY BE USED IN CONJUNCTION WITH PROJECT CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

12/09/14	0	APPROVAL	12/09/14	APPROVAL	
DATE	REV. NO.	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
					
PROJECT		SETON MEDICAL CENTER			
LOCATION		AT THE UNIVERSITY OF TEXAS			
ARCHITECT					
ENGINEER					
CUSTOMER					
Drawn By: ROH		Date: 12/09/14	Reviewed By: ROH		Job No.
Drawing Covers: SLAB & BEAM REINF. DETAILS		Drawing no. R32			
LEVEL 2 (POUR 4)					



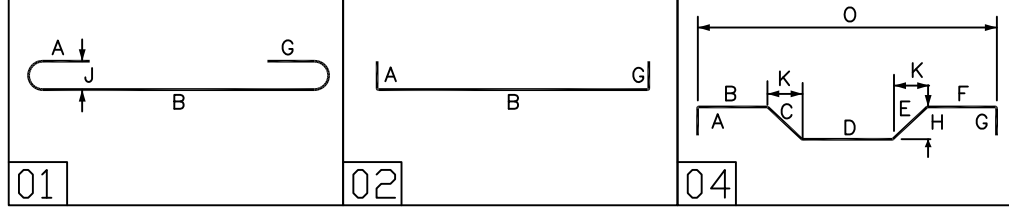
TOP INNER LAYER
LEVEL 2 SLAB & BEAM REINFORCEMENT PLAN – POUR 4 (L2-P4)

REF: S2.21 to S2.24 (04/24/15) S2.21R (01/19/15)



BAR PLACING ORDER U.N.O	
①	→ BOTTOM OUTER LAYER
②	↗ BOTTOM INNER LAYER
③	↖ TOP INNER LAYER
④	← TOP OUTER LAYER

Release Code: R33				BENDING DETAILS.												
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	J'	K'	O'	R'
3001	53	#3	211'	1	5'	26'										
5004	62	#5	288'	4	10'	911'	1711'					3 1/2"			1711'	2710"
5006	10	#5	69'	2	10'	1511'										
5037	7	#5	36'	2	10'	35'										
5059	1	#5	283'	2	10'	275'										
5080	4	#5	258'	2	10'	248'										
5081	3	#5	84'	2	10'	76'										
6001	9	#6	92'	1	8'	86'								6'		
6002	10	#6	315'	1	8'	309'								6'		
6004	5	#6	48'	1	8'	310'								6'		
6025	15	#6	263'	1	8'	257'								6'		
6026	5	#6	2611'	1	8'	263'								6'		
6027	5	#6	295'	1	8'	289'								6'		
6028	5	#6	385'	1	8'	379'								6'		
6029	5	#6	165'	1	8'	159'								6'		
6030	20	#6	451'	1	8'	445'								6'		
6032	4	#6	358'	1	8'	3410'								6'		
6033	5	#6	3710'	1	8'	372'								6'		
6056	5	#6	1010'	1	8'	102'								6'		
6077	20	#6	469'	1	8'	461'								6'		
6078	5	#6	191'	1	8'	185'								6'		
6086	9	#6	91'	2	10'	81'										

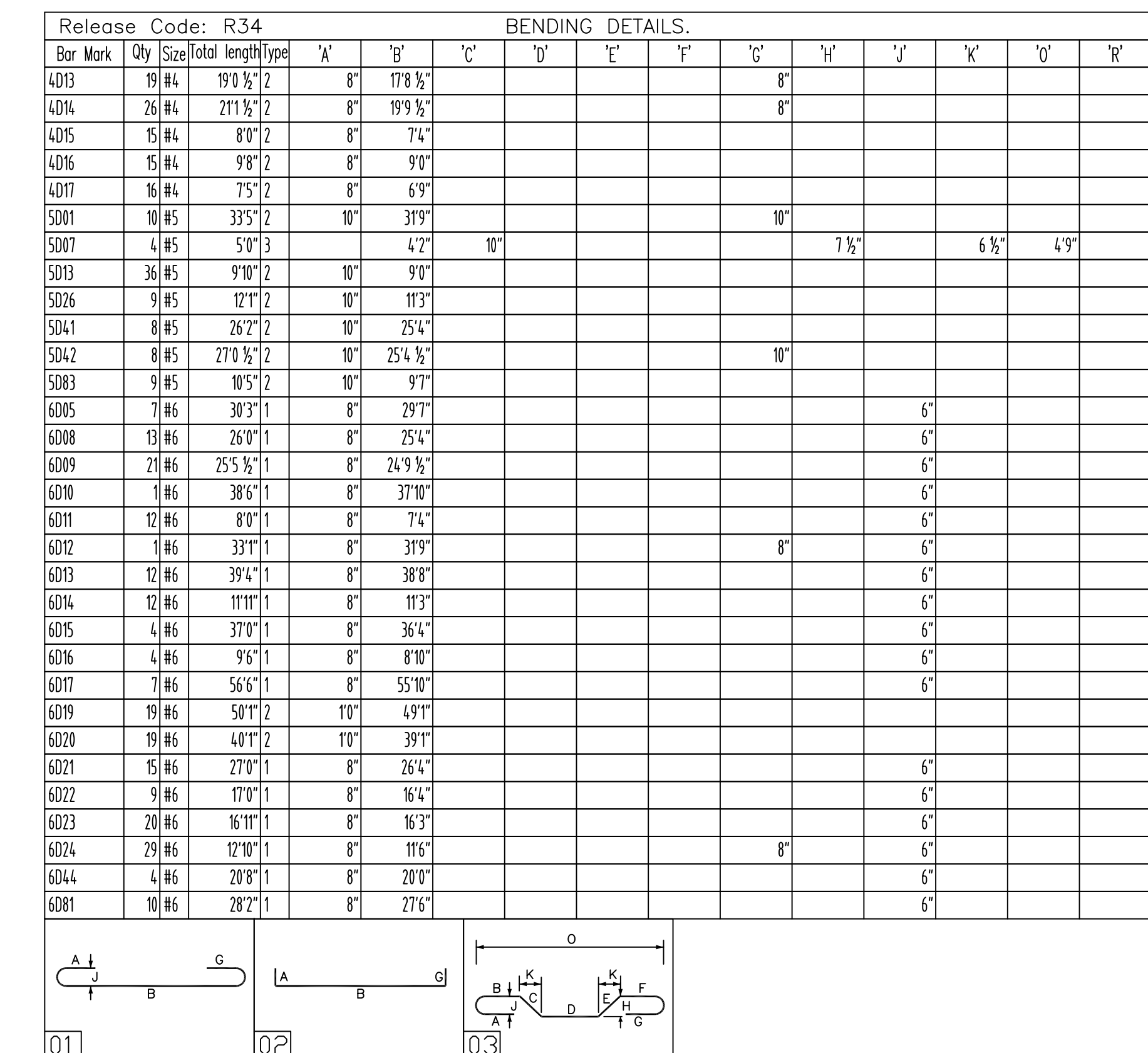


REFERENCE DWG.
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE U.N.O

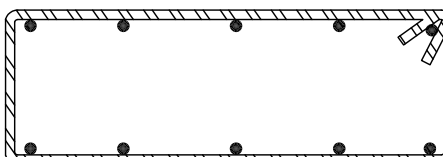
Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

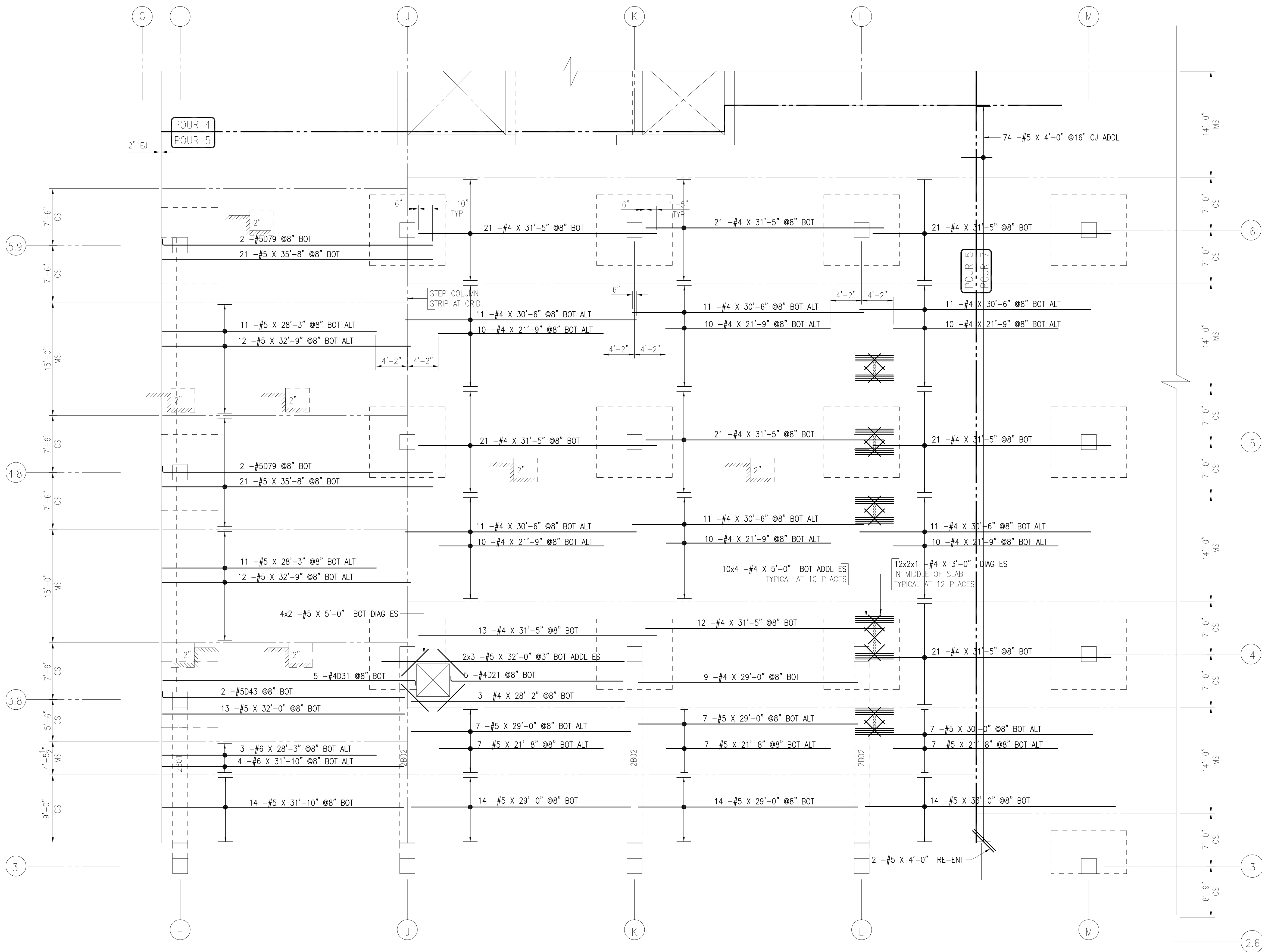
REINFORCING STEEL PLACING DRAWINGS MUST ONLY BE USED IN CONJUNCTION WITH PROJECT CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

12/09/14	0	APPROVAL	12/09/14	APPROVAL	
DATE	REV.	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC					
2304 Tulson Lane,					
Bowie MD 20721					
Phone #240-786-6543					
PROJECT		SETON MEDICAL CENTER			
LOCATION		AT THE UNIVERSITY OF TEXAS			
ARCHITECT		TEXAS			
ENGINEER					
CUSTOMER					
Drawn By:	ROH	Date:	12/09/14	Reviewed By:	ROH
Covers:	SLAB & BEAM REINF. DETAILS	Level 2 (POUR 4)		Job No.	
Drawing No.					R33



BAR PLACING ORDER U.N.O	
①	 BOTTOM OUTER LAYER
②	 BOTTOM INNER LAYER
③	 TOP INNER LAYER
④	 TOP OUTER LAYER

12/09/14	0	APPROVAL		12/09/14	APPROVAL		
DATE	REV NO.	DESCRIPTION		DATE	SENT FOR		
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone # 240-786-6543							
PROJECT		SETON MEDICAL CENTER					
LOCATION		AT THE UNIVERSITY OF TEXAS					
ARCHITECT		TEXAS					
ENGINEER							
CUSTOMER							
IN FI- HS ND SS	Drawn By: ROH		Date: 12/09/14	Reviewed By: ROH		Job No.	
Drawing Covers: SLAB & BEAM REINF. DETAILS LEVEL 2 (POUR 4)				Drawing no. R34			



TO BE UPDATED WITH INFO
FROM FINAL SLEEVE SUBMITTAL

Release Code: R35					BENDING DETAILS.															
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'			
4021	5	#4	235'	2	8"	229"														
4031	5	#4	349'	2	8"	334"														
5043	2	#5	320'	2	10"	320"														
5079	4	#5	365'	2	10"	358"														

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02

BOT OUTER LAYER
LEVEL 2 SLAB & BEAM REINFORCEMENT PLAN – POUR 5 (L2-P5)
REF: S2.21 to S2.24 (04/24/15) S2.21OR (01/19/15)

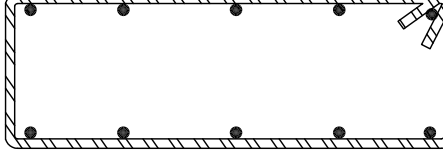
BAR PLACING ORDER U.N.O	
①	→ BOTTOM OUTER LAYER
②	↕ BOTTOM INNER LAYER
③	↕ TOP INNER LAYER
④	→ TOP OUTER LAYER

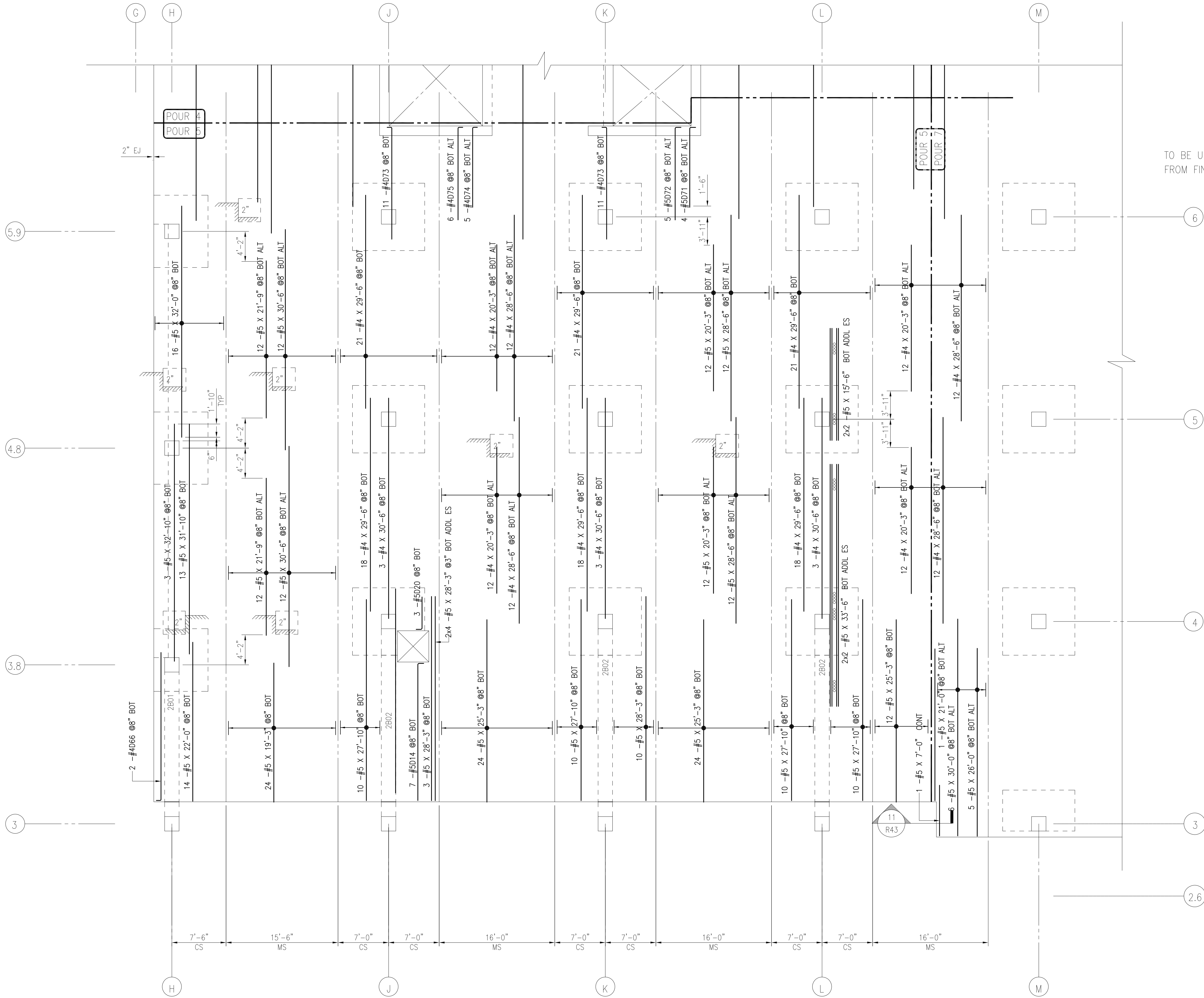
REFERENCE D.W.G.
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE

Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face

V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

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

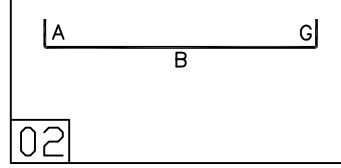
12/09/14	0	APPROVAL	12/09/14	APPROVAL	
DATE	REV.	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
					
PROJECT		SETON MEDICAL CENTER			
LOCATION		AT THE UNIVERSITY OF TEXAS			
ARCHITECT					
ENGINEER					
CUSTOMER					
Drawn By: ROH		Date: 12/09/14	Reviewed By: ROH		Job No.
Drawing Covers: SLAB & BEAM REINF. DETAILS		LEVEL 2 (POUR 5)			Drawing no. R35



BOT INNER LAYER
LEVEL 2 SLAB & BEAM REINFORCEMENT PLAN – POUR 5 (L2-P5)
REF: S2.21 to S2.24 (04/24/15) S2.21R (01/19/15)

BAR PLACING ORDER U.N.O	
①	BOTTOM OUTER LAYER
②	BOTTOM INNER LAYER
③	TOP INNER LAYER
④	TOP OUTER LAYER

Release Code: R36				BENDING DETAILS.											
Bar Mark	Qty	Size	total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'
4066	2	#4	21'2"	2	8"	20'6"									
4073	22	#4	16'2"	2	8"	15'6"									
4074	5	#4	11'8"	2	8"	11'1"									
4075	6	#4	13'6"	2	8"	12'10"									
5014	7	#5	19'10"	2	10"	19'0"									
5020	3	#5	5'4"	2	10"	4'9"									
5071	4	#5	11'11"	2	10"	11'1"									
5072	5	#5	13'8"	2	10"	12'10"									

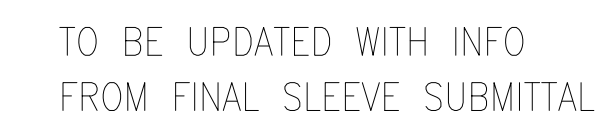


REFERENCE DWG.
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE U.N.O

Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face
V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

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

12/09/14	0	APPROVAL	12/09/14	APPROVAL	
DATE	REV	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC		SETON MEDICAL CENTER			
2304 Tulson Lane,		AT THE UNIVERSITY OF TEXAS			
Bowie MD 20721		TEXAS			
Phone #240-786-6543					
PROJECT		ARCHITECT		ENGINEER	
CUSTOMER		Drawn By:		Reviewed By:	
ROH		12/09/14		ROH	
Drawing Covers: SLAB & BEAM REINF. DETAILS		LEVEL 2 (POUR 5)		Job No.	
				Drawing no.	
				R36	



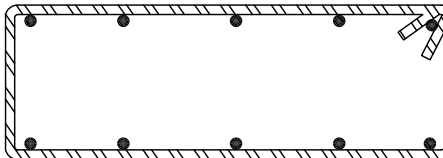
REFERENCE DWG.

REINFORCING BARS ARE ASTM A615 GRADE 60, UNCOATED UNLESS NOTED
--

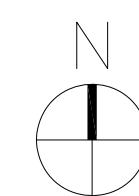
Legend:

IF Inside Face	V Vertical
OF Outside Face	H Horizontal
NF Near Face	EW Each Way
FF Far Face	B/Bot Bottom
EF Each Face	T Top
	SB Support Bars

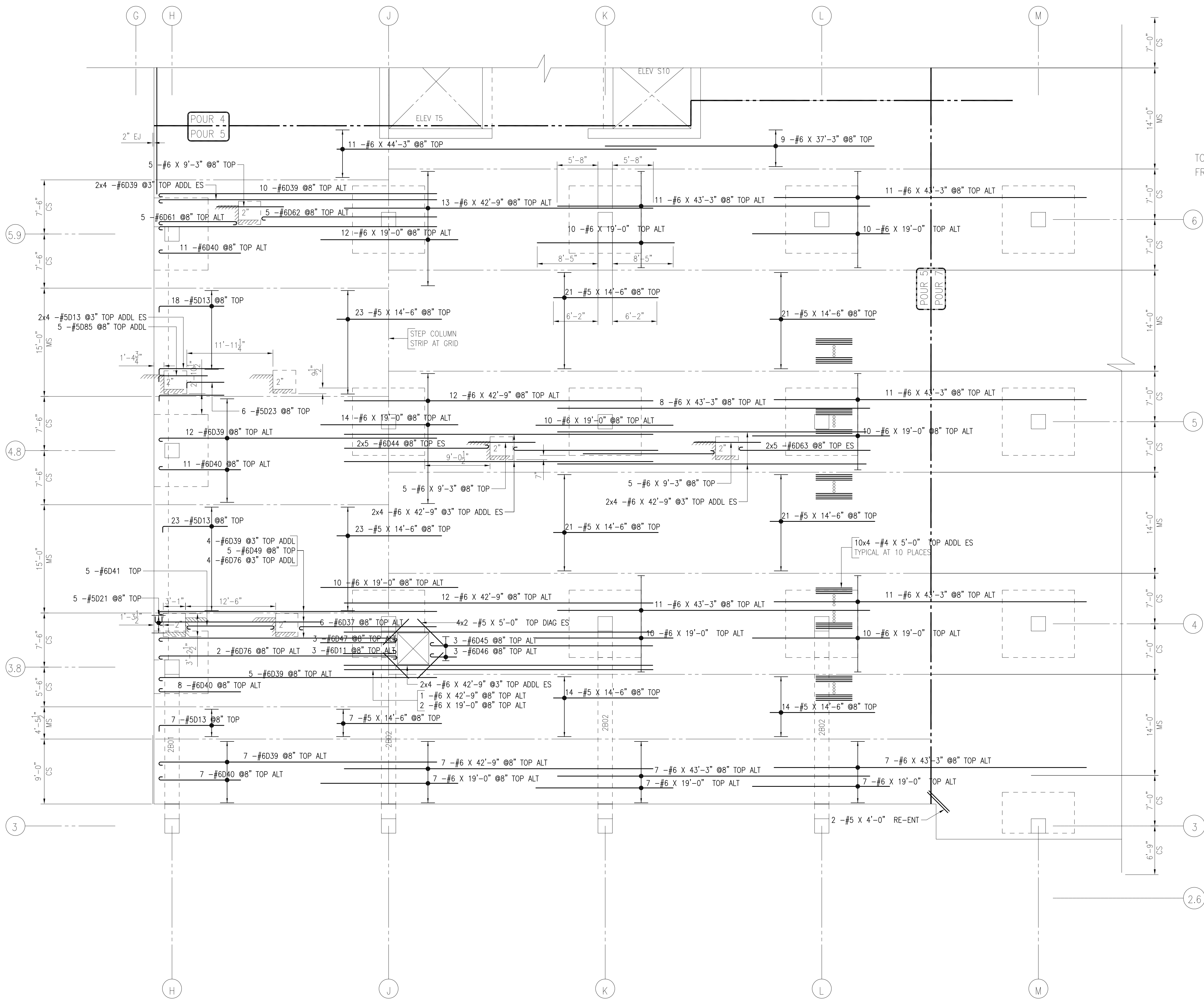
REINFORCING STEEL PLACING DRAWINGS MUST ONLY BE USED IN CONJUNCTION WITH PROJECT CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

12/09/14	0	APPROVAL		12/09/14	APPROVAL		
DATE	REV. NO.	DESCRIPTION		DATE	SENT FOR		
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543							
PROJECT		SETON MEDICAL CENTER					
LOCATION		AT THE UNIVERSITY OF TEXAS					
ARCHITECT							
ENGINEER							
CUSTOMER							
IN FI- HS ND SS	Drawn By: ROH		Date: 12/09/14		Reviewed By: ROH		Job No.
Drawing Covers: SLAB & BEAM REIN. DETAILS LEVEL 2 (POUR 5)						Drawing no. R37	

REF: S2.21 to S2.24 (04/24/15) S2.21IR (01/19/15)



BAR PLACING ORDER U.N.O	
①	←→ BOTTOM OUTER LAYER
②	↑↓ BOTTOM INNER LAYER
③	↑↓ TOP INNER LAYER
④	←→ TOP OUTER LAYER



TO BE UPDATED WITH INFO
FROM FINAL SLEEVE SUBMITTAL

Release Code: R38				BENDING DETAILS.											
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'
5013	56	#5	9'10"	2	10"	9'0"									
5021	5	#5	2'8"	2	10"	1'0"									
5023	6	#5	6'9"	2	10"	5'2"									
5085	5	#5	7'7"	2	10"	6'9"									
6011	3	#6	8'0"	1	8"	7'4"								6'	
6037	6	#6	19'9"	1	8"	19'0"								6'	
6039	46	#6	39'2"	1	8"	38'6"								6'	
6040	37	#6	12'0"	1	8"	11'4"								6'	
6041	5	#6	1'5 1/2"	1	8"	1'2 1/2"								6'	
6044	10	#6	20'9"	1	8"	20'0"								6'	
6045	3	#6	3'6"	1	8"	3'0"								6'	
6046	3	#6	4'4"	1	8"	3'8"								6'	
6047	3	#6	1'2"	1	8"	1'0"								6'	
6049	5	#6	2'3 1/2"	1	8"	2'2 1/4"								6'	
6061	5	#6	1'2 1/2"	1	8"	1'0"								6'	
6062	5	#6	2'4 1/2"	1	8"	2'4 1/2"								6'	
6063	10	#6	18'10"	1	8"	18'2"								6'	
6076	6	#6	3'4 1/2"	1	8"	3'3 1/2"								6'	

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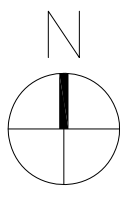
Y

Z

01

02

TOP OUTER LAYER
LEVEL 2 SLAB & BEAM REINFORCEMENT PLAN – POUR 5 (L2-P5)
REF: S2.21 to S2.24 (04/24/15) S2.210R (01/19/15)



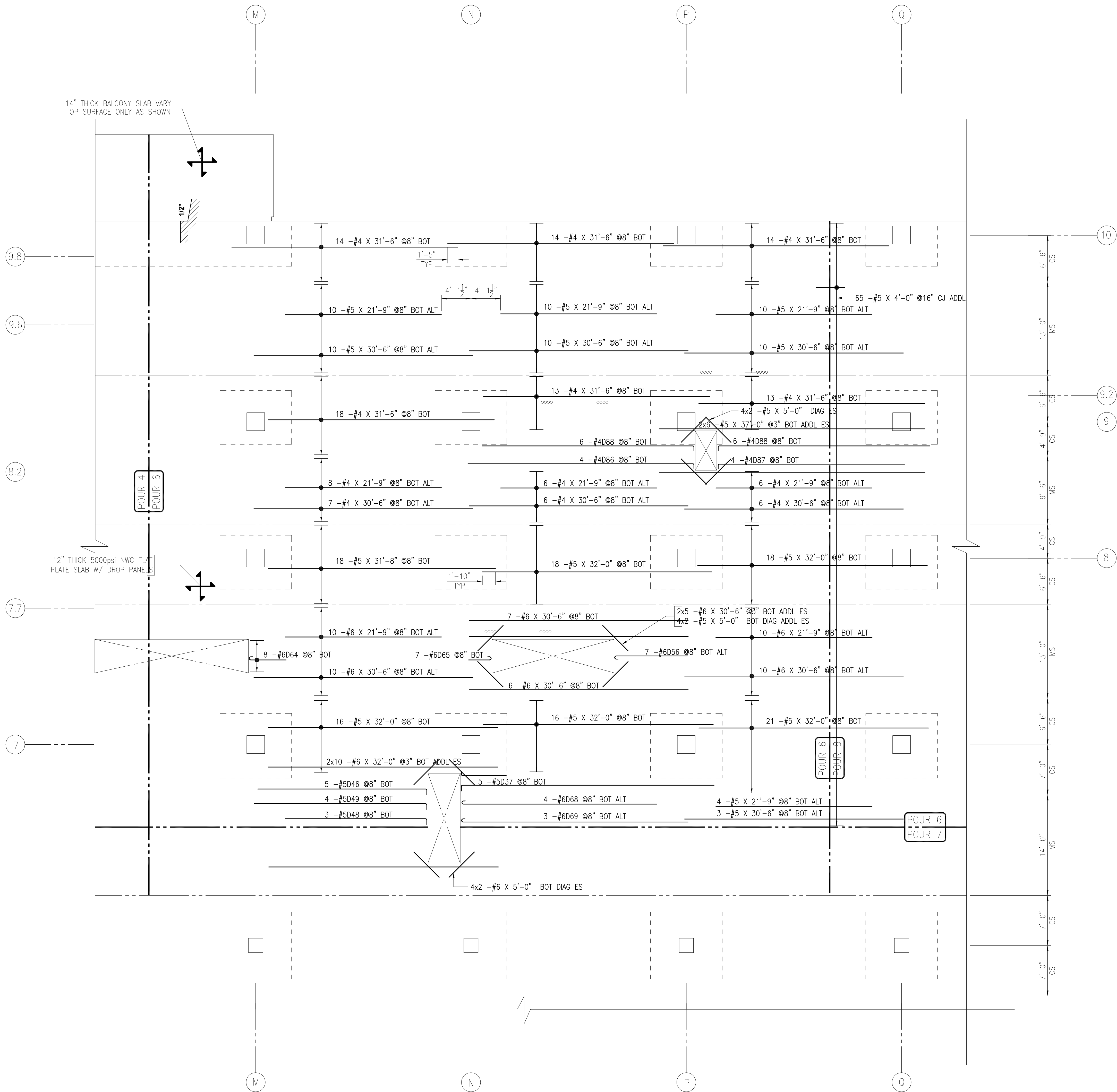
BAR PLACING ORDER U.N.O	
1	BOTTOM OUTER LAYER
2	BOTTOM INNER LAYER
3	TOP INNER LAYER
4	TOP OUTER LAYER

REFERENCE D.W.G.
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE U.N.O

Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face
V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

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

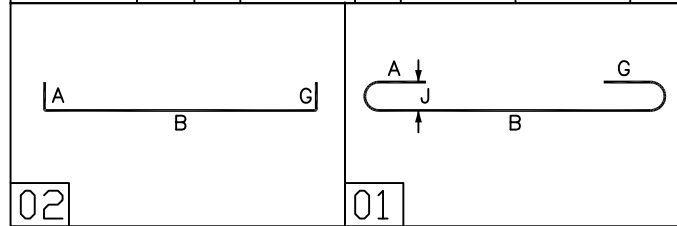
12/09/14	0	APPROVAL	12/09/14	APPROVAL	
DATE	REV	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
PROJECT SETON MEDICAL CENTER					
LOCATION AT THE UNIVERSITY OF TEXAS					
ARCHITECT TEXAS					
ENGINEER					
CUSTOMER					
Drawn By: ROH	Date: 12/09/14	Reviewed By: ROH	Job No.		
Drawing Covers: SLAB & BEAM REINF. DETAILS LEVEL 2 (POUR 5)				Drawing no.	R38



BOT OUTER LAYER
LEVEL 2 SLAB REINFORCEMENT PLAN – POUR 6 (L2-P6)
REF: S2.21, S2.22 (06/22/15) S2.23 (06/30/15) S2.24 (04/24/15) S2.210R (01/19/15)

BAR PLACING ORDER U.N.O	
①	→ BOTTOM OUTER LAYER
②	↓ BOTTOM INNER LAYER
③	↓ TOP INNER LAYER
④	→ TOP OUTER LAYER

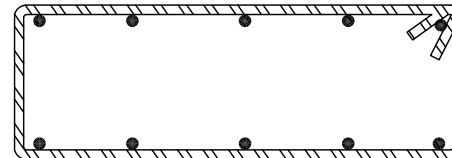
Release Code: R39		BENDING DETAILS													
Bar Mark	Qty	Size	Total length	Type	X'	Y'	Z'	U'	V'	W'	X'	Y'	Z'	U'	V'
4086	4	#4	322'	2	8"	316"									
4087	4	#4	268'	2	8"	260"									
4088	12	#4	307'	2	8"	296"									
5037	5	#5	367'	2	10"	353"									
5046	5	#5	245'	2	10"	237"									
5048	3	#5	207'	2	10"	199"									
5049	4	#5	241'	2	10"	241"									
6056	7	#6	10'W	1	8"	102"									
6064	8	#6	5'W	1	8"	52"									
6065	7	#6	3'W	1	8"	32"									
6068	4	#6	27'W	1	8"	272"									
6069	3	#6	323'	1	8"	317"									

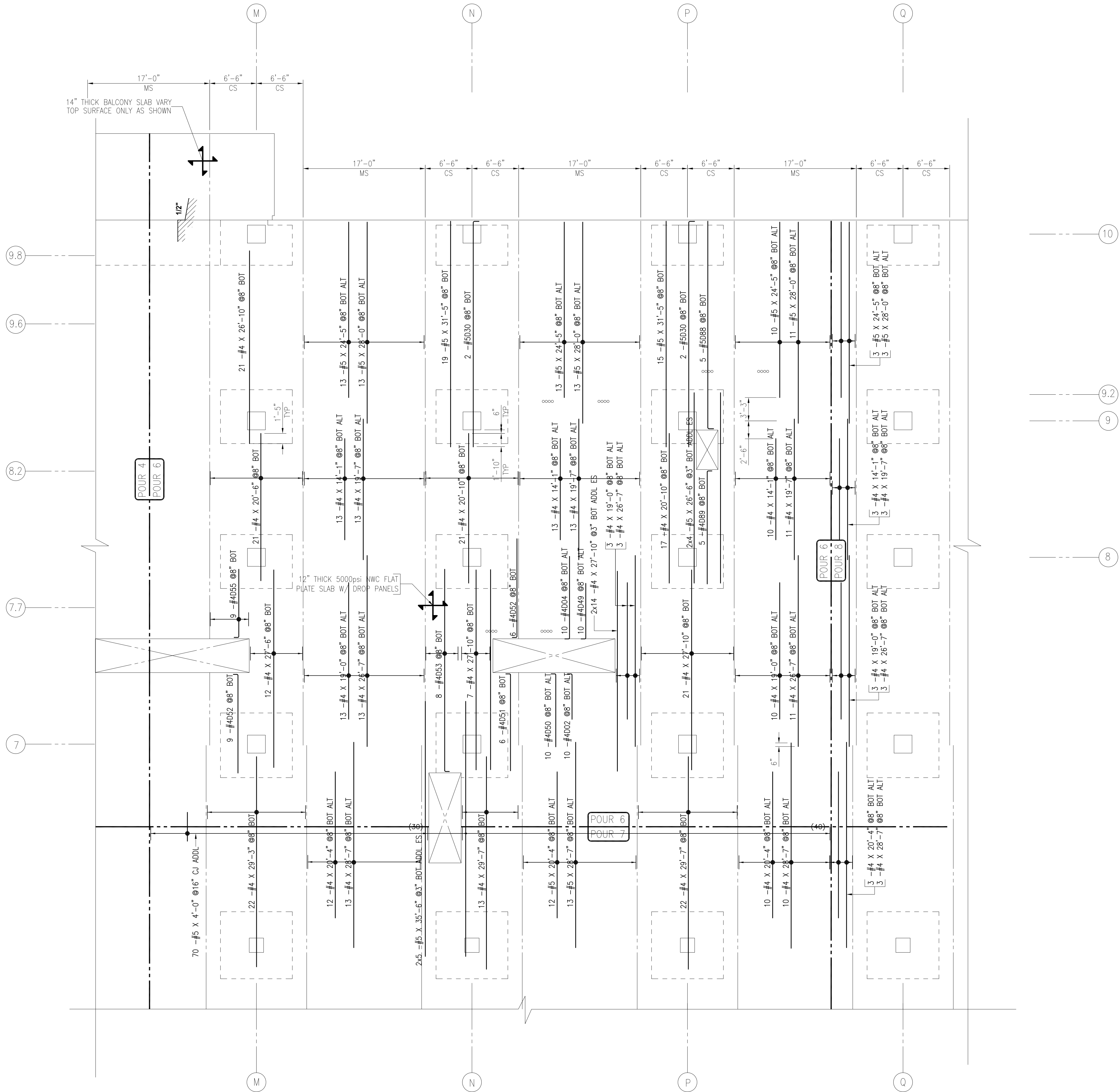


REFERENCE D.W.G.
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE U.N.O

Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face
V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

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12/09/14	0	APPROVAL	12/09/14	APPROVAL	
DATE	REV. NO.	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
					
PROJECT	SETON MEDICAL CENTER				
	AT THE UNIVERSITY OF TEXAS				
LOCATION	TEXAS				
ARCHITECT					
ENGINEER					
CUSTOMER					
Drawn By:	ROH	Date:	12/09/14	Reviewed By:	Job No.
Drawing Covers:	SLAB & BEAM REINF. DETAILS				Drawing no. R39
	LEVEL 2 (POUR 6)				



BOT INNER LAYER
LEVEL 2 SLAB REINFORCEMENT PLAN – POUR 6 (L2-P6)
REF: S2.21, S2.22 (06/22/15) S2.23 (06/30/15) S2.24 (04/24/15) S2.21R (01/19/15)

BAR PLACING ORDER U.N.O	
1	BOTTOM OUTER LAYER
2	BOTTOM INNER LAYER
3	TOP INNER LAYER
4	TOP OUTER LAYER

Release Code: R40										BENDING DETAILS.									
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'	N'	O'
4002	10	#4	7'0" / 2		8"	6'4"													
4004	10	#4	12'2" / 2		8"	11'6"													
4009	10	#4	8'5" / 2		8"	7'9"													
4050	10	#4	10'10" / 2		8"	10'2"													
4051	6	#4	14'2" / 2		8"	13'6"													
4052	15	#4	14'5" / 2		8"	13'9"													
4053	8	#4	28'10" / 2		8"	28'2"													
4055	9	#4	10'2" / 2		8"	9'6"													
4089	5	#4	16'5" / 2		8"	15'9"													
5030	4	#5	32'3" / 2		10"	31'5"													
5088	5	#5	29'9" / 2		10"	28'11"													

A

B

C

02

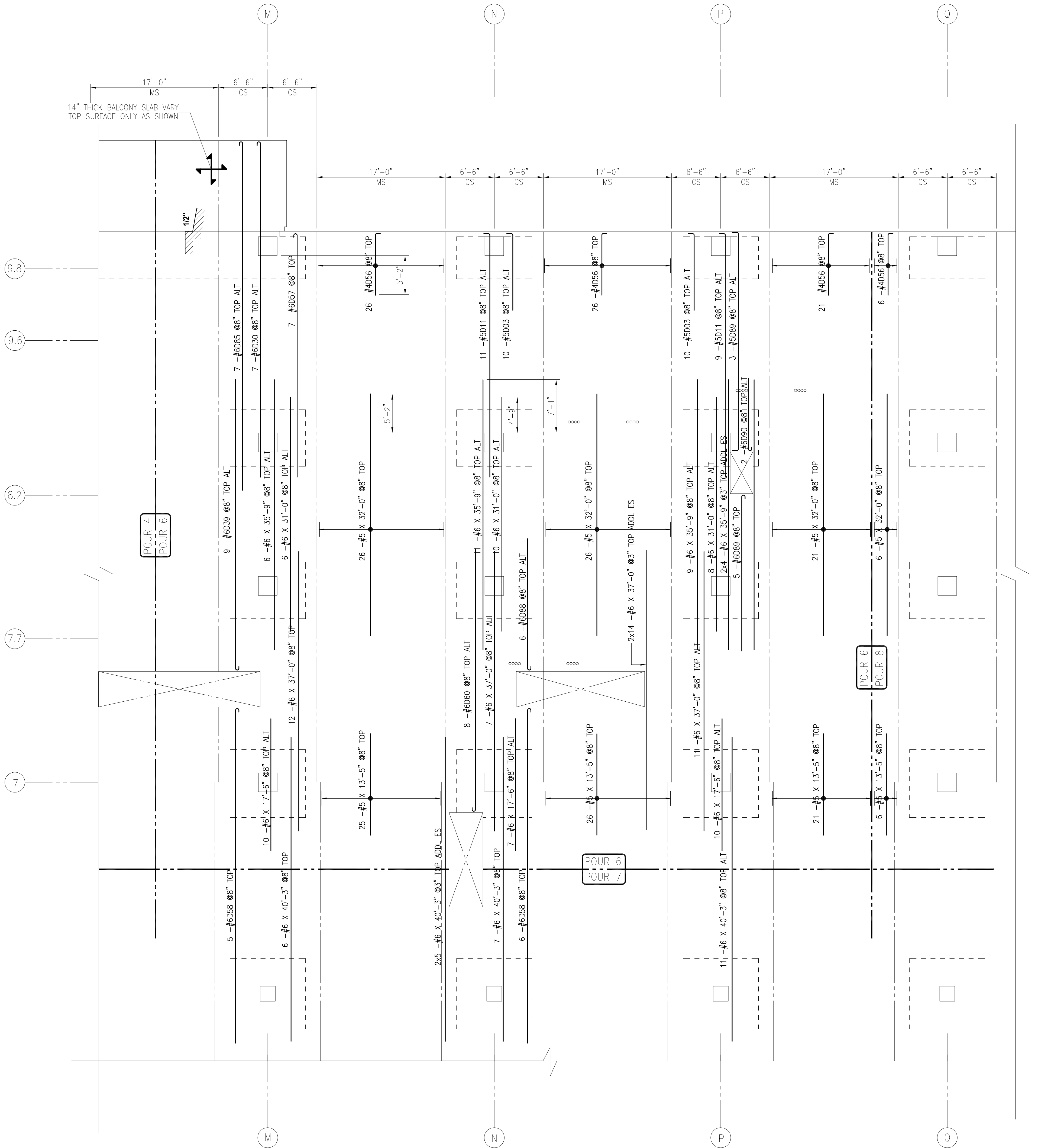
REFERENCE D.W.G.

REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE U.N.O

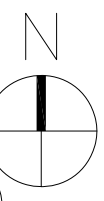
Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face
V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

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

12/09/14	0	APPROVAL	12/09/14	APPROVAL			
DATE	REV.	DESCRIPTION	DATE	SENT FOR			
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543							
PROJECT	SETON MEDICAL CENTER						
LOCATION	AT THE UNIVERSITY OF TEXAS						
ARCHITECT							
ENGINEER							
CUSTOMER							
Drawn By:	ROH	Date:	12/09/14	Reviewed By:	ROH	Job No.	
Covers:	SLAB & BEAM REINF. DETAILS LEVEL 2 (POUR 6)				Drawing no.	R40	



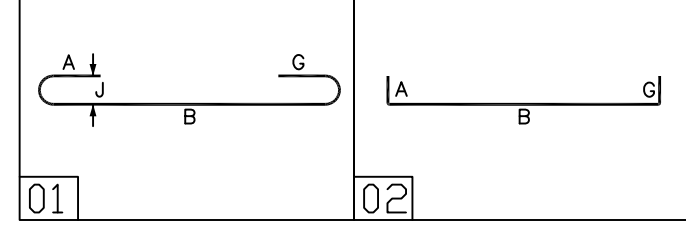
TOP INNER LAYER
LEVEL 2 SLAB REINFORCEMENT PLAN – POUR 6 (L2-P6)
REF: S2.21, S2.22 (06/22/15) S2.23 (06/30/15) S2.24 (04/24/15) S2.210R (01/19/15)



BAR PLACING ORDER U.N.O.	
①	↗ BOTTOM OUTER LAYER
②	↖ BOTTOM INNER LAYER
③	↗ TOP INNER LAYER
④	↖ TOP OUTER LAYER

10
9.2
9
8

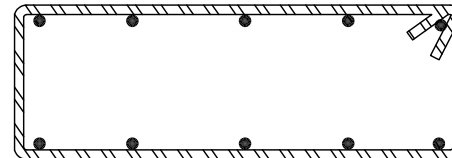
Release Code: R41				BENDING DETAILS															
Bar Mark	Qty	Size	Total length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'L'	'M'	'N'	'O'	'P'
4056	78	#4	8'10"	2	8"	8'2"													
5003	20	#5	11'0"	2	10"	10'2"													
5011	20	#5	33'1"	2	10"	32'3"													
5089	3	#5	30'7"	2	10"	28'11"													
6030	7	#6	45'1"	1	8"	44'5"													
6039	9	#6	39'2"	1	8"	38'6"													
6057	7	#6	32'11"	1	8"	32'3"													
6058	11	#6	45'0"	1	8"	44'4"													
6060	8	#6	35'4"	1	8"	34'8"													
6085	7	#6	46'10"	1	8"	46'2"													
6088	6	#6	18'1"	1	8"	17'5"													
6089	5	#6	27'4"	1	8"	26'8"													
6090	2	#6	10'3"	1	8"	9'7"													

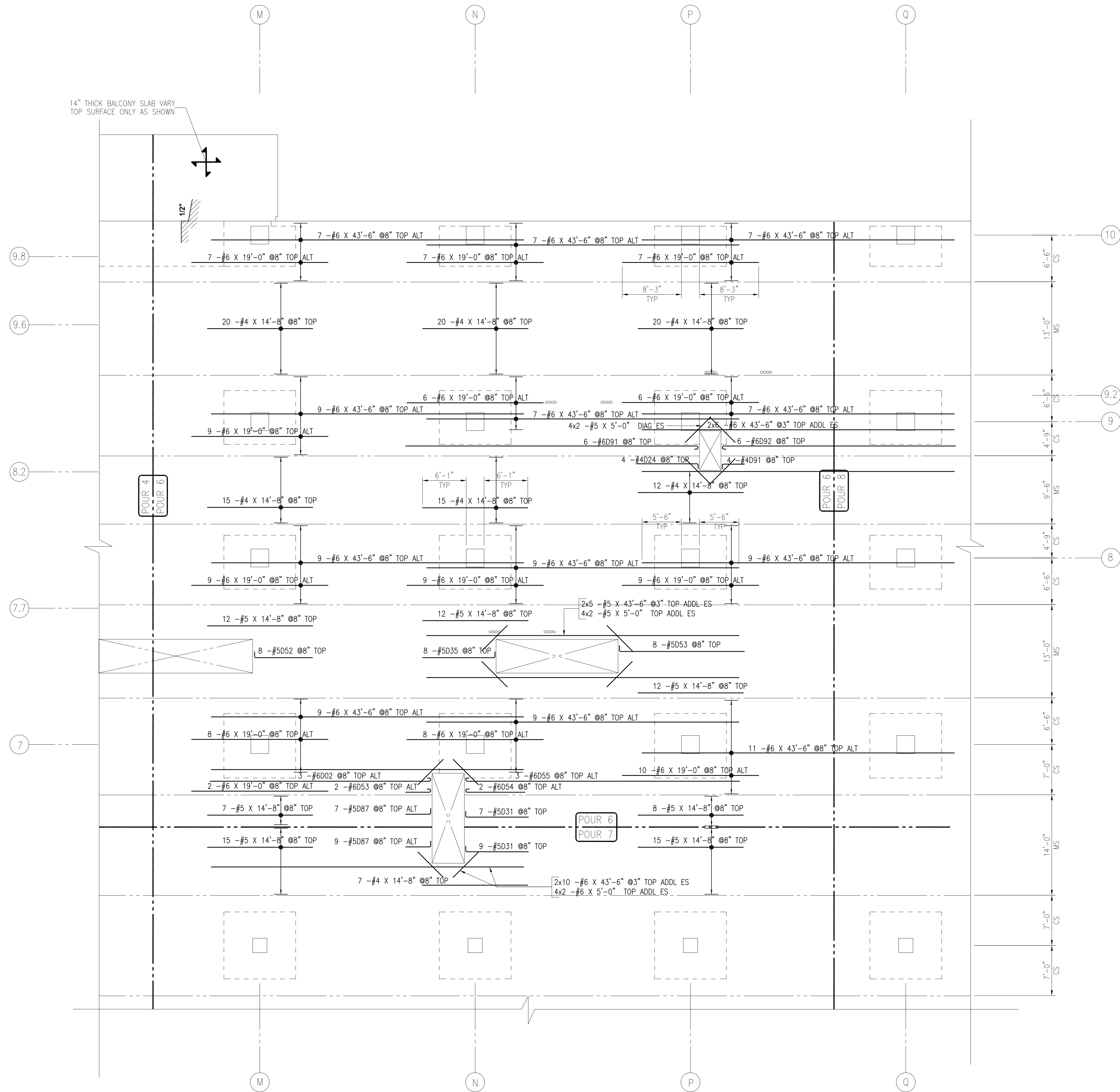


REFERENCE D.W.G.
REINFORCING BARS ARE
ASTM A615 GRADE 60 UNCOATED
UNLESS NOTED OTHERWISE 60, UNCOATED U.N.O.

Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face
V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

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

12/09/14	0	APPROVAL	12/09/14	APPROVAL	
DATE	REV. NO.	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
PROJECT	SETON MEDICAL CENTER				
LOCATION	AT THE UNIVERSITY OF TEXAS				
ARCHITECT	TEXAS				
ENGINEER					
CUSTOMER					
Drawn By:	ROH	Date:	12/09/14	Reviewed By:	Job No.
ROH		12/09/14		ROH	
Drawing Covers:	SLAB & BEAM REINF. DETAILS LEVEL 2 (POUR 6)				Drawing no. R41



Release Code: R42				BENDING DETAILS.															
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'		
4024	4	#4	9'2"	2	8"	8'6"													
4091	4	#4	3'9"	2	8"	3'1"													
5031	16	#5	9'7"	2	10"	8'9"													
5035	8	#5	10'11"	2	10"	10'1"													
5052	8	#5	8'11"	2	10"	8'1"													
5053	8	#5	18'3"	2	10"	17'5"													
5087	16	#5	4'4"	2	10"	3'6"													
6002	3	#6	3'5"	1	8"	3'0"									6"				
6053	2	#6	4'2"	1	8"	3'6"									6"				
6054	2	#6	8'11"	1	8"	8'3"									6"				
6055	3	#6	38'10"	1	8"	38'2"									6"				
6091	6	#6	4'5"	1	8"	4'0"									6"				
6092	6	#6	33'2"	1	8"	32'6"									6"				

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

01

02

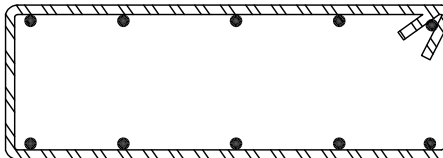
TOP OUTER LAYER
LEVEL 2 SLAB REINFORCEMENT PLAN – POUR 6 (L2-P6)
REF: S2.21, S2.22 (06/22/15) S2.23 (06/30/15) S2.24 (04/24/15) S2.210R (01/19/15)

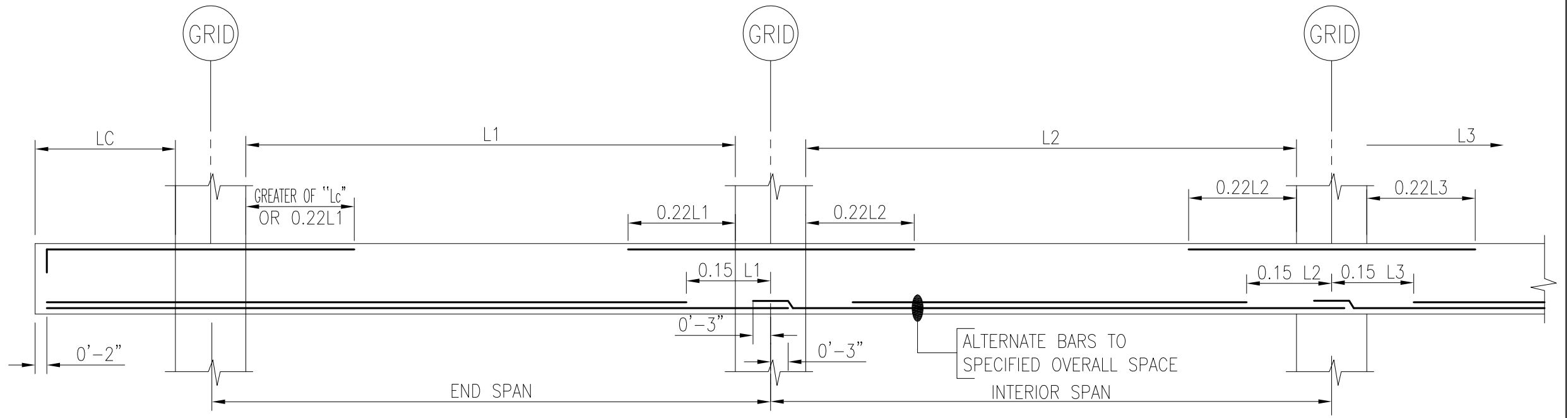
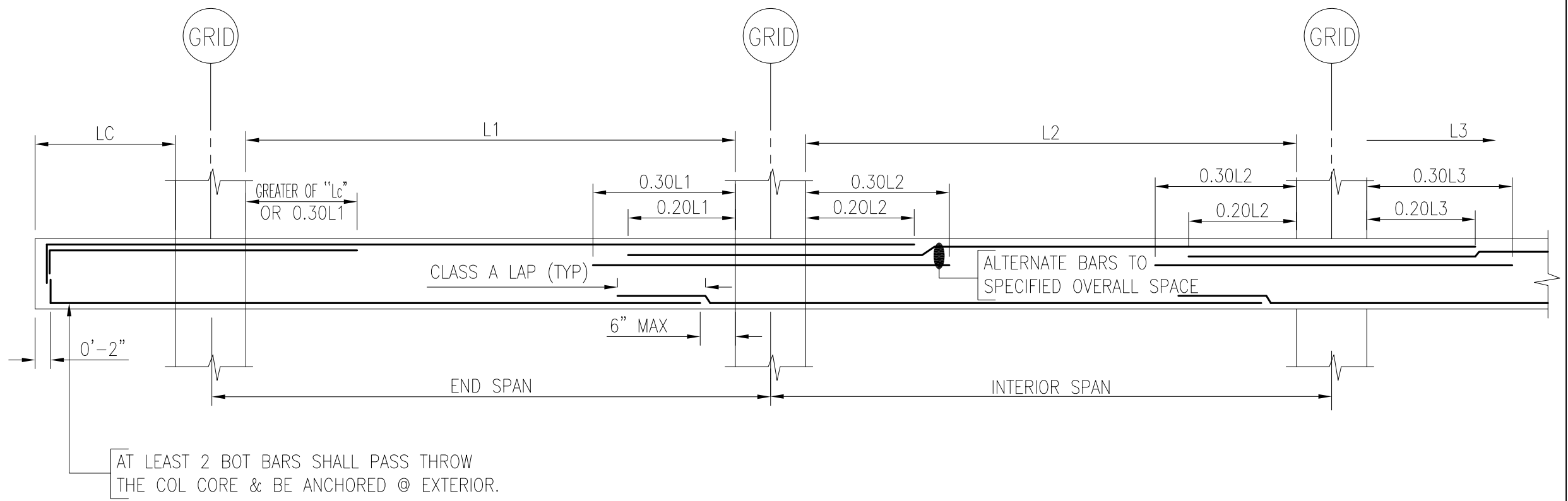
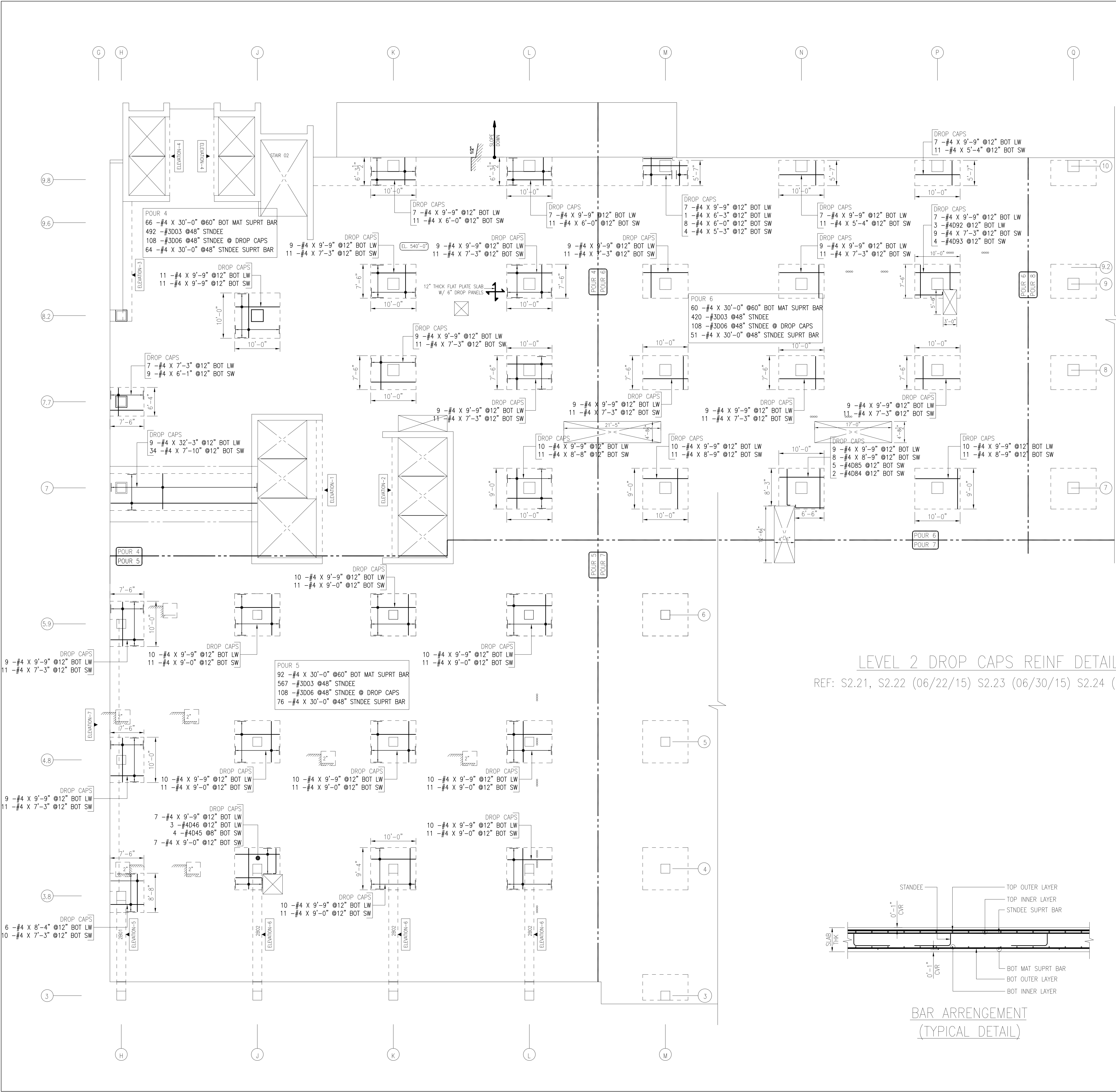
BAR PLACING ORDER U.N.O.	
①	BOTTOM OUTER LAYER
②	BOTTOM INNER LAYER
③	TOP INNER LAYER
④	TOP OUTER LAYER

REFERENCE D.W.G.
REINFORCING BARS ARE
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OF Outside Face
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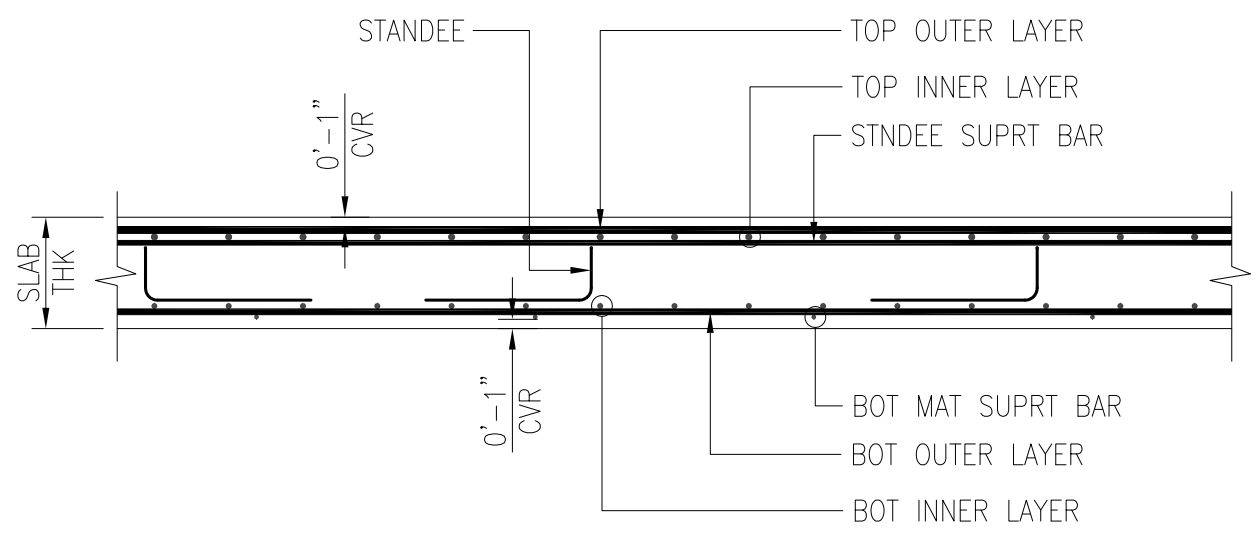
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Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
					
PROJECT		SETON MEDICAL CENTER			
LOCATION		AT THE UNIVERSITY OF TEXAS			
ARCHITECT					
ENGINEER					
CUSTOMER					
Drawn By: ROH		Date: 12/09/14	Reviewed By: ROH	Job No.	
Drawing Covers: SLAB & BEAM REINF. DETAILS LEVEL 2 (POUR 6)					
Drawing no. R42					



FLAT PLATE REINF. LAYOUT
REF: 1/S1.04 (01/19/15)

LEVEL 2 DROP CAPS REINF DETAILS
REF: S2.21, S2.22 (06/22/15) S2.23 (06/30/15) S2.24 (04/24/15)



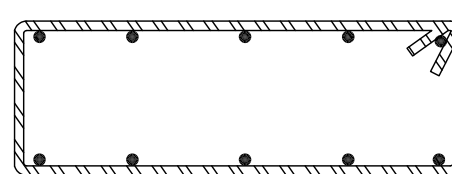
Release Code: R42A				BENDING DETAILS.															
Bar Mark	Qty	Size	Total length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'	'N'	'O'
3003	1479	#3	4'6"	26S		16"	6"	6"	6"	16"									
3006	324	#3	5'6"	26S		16"	10"	6"	10"	16"									
4045	4	#4	6'3"	2	8"	5'7"													
4046	3	#4	6'6"	2	8"	5'10"													
4084	2	#4	6'11"	2	8"	6'3"													
4085	5	#4	8'8"	2	8"	8'0"													
4092	3	#4	6'8"	2	8"	6'0"													
4093	4	#4	6'0 1/2"	2	8"	5'4 1/2"													

REFERENCE DWG.
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12/09/14	0	APPROVAL	12/09/14	APPROVAL	
DATE	REV. NO.	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
					
PROJECT		SETON MEDICAL CENTER			
LOCATION		AT THE UNIVERSITY OF TEXAS			
ARCHITECT		TEXAS			
ENGINEER					
CUSTOMER					
Drawn By:		Date:	Reviewed By:	Job No.	
ROH		12/09/14	ROH		
Drawing Covers:		SLAB & BEAM REINF. DETAILS LEVEL 2 (POUR 4, 5 & 6)			Drawing no. R42A

