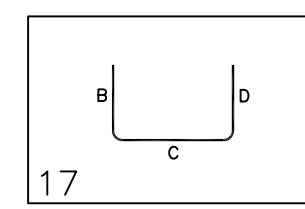


LEVEL-01 TO LEVEL-P2 CMU WALL REINFORCEMENT DETAILS

REF: A1.101
SCALE: 1/16" = 1'-0"

Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P
S401	12	#5	4'-6"	17		2'-3"	2'-3"								



LEGEND

- NO. OF LOCATION
- NO. OF LIFT
- NO. OF BARS
- 2x3x2 #5x6'-6" VERTS
- NO. OF LIFT (OR) NO. OF LOCATION
- NO. OF BARS
- 2x1 #5x6'-6" VERTS
- LIFT 1 TO LIFT 6
- 2x1 #5x6'-6" VERTS L1-L6

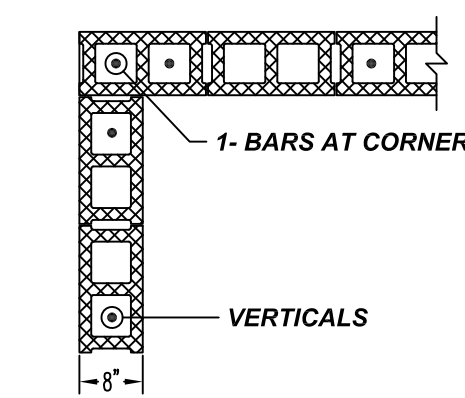
TYPICAL REINFORCING BAR CLEARANCE TABLE

LOCATION	MIN. COVER
CMU WALL TOP & SIDE	2" CLR

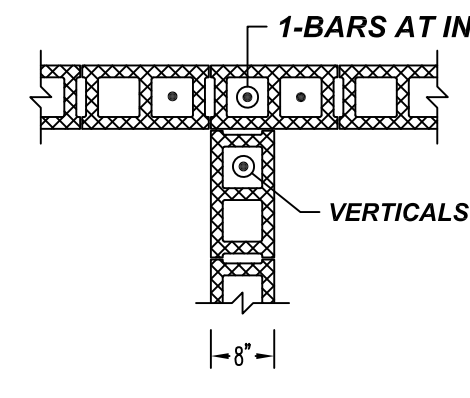
LAP SCHEDULE

BAR#	LENGTHS FOR 8" CMU	
	ON CENTER	EACH FACE
#4	1'-9"	2'-5"
#5	2'-3"	3'-9"
#6	4'-3"	4'-6"

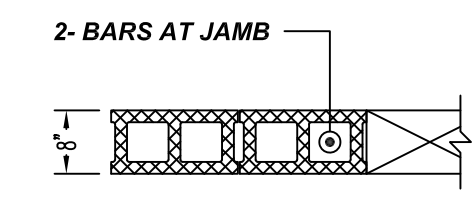
**ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED**



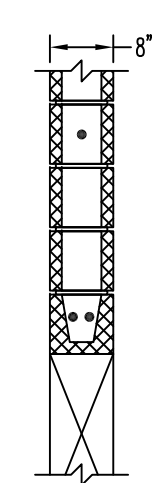
AT CORNER - 8" CMU
REF: S4.101 & S4.102
SCALE: 1/2" = 1'-0"



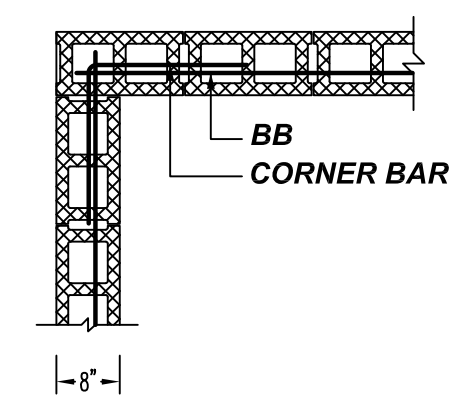
AT INTERSECTION - 8" CMU
REF: S4.101 & S4.102
SCALE: 1/2" = 1'-0"



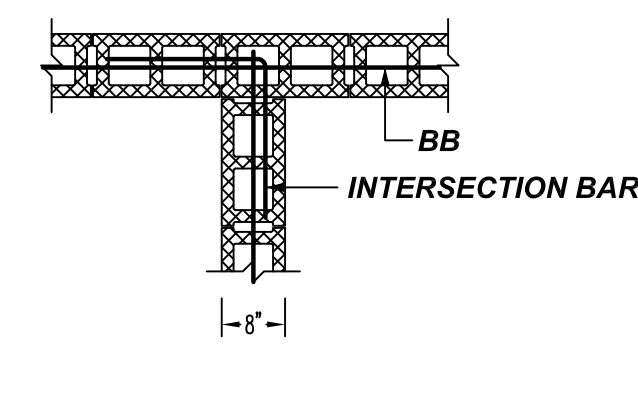
AT OPENING - 8" CMU
REF: S4.101 & S4.102
SCALE: 1/2" = 1'-0"



SECTION VIEW



AT CORNER - 8" CMU
REF: S4.101 & S4.102
SCALE: 1/2" = 1'-0"

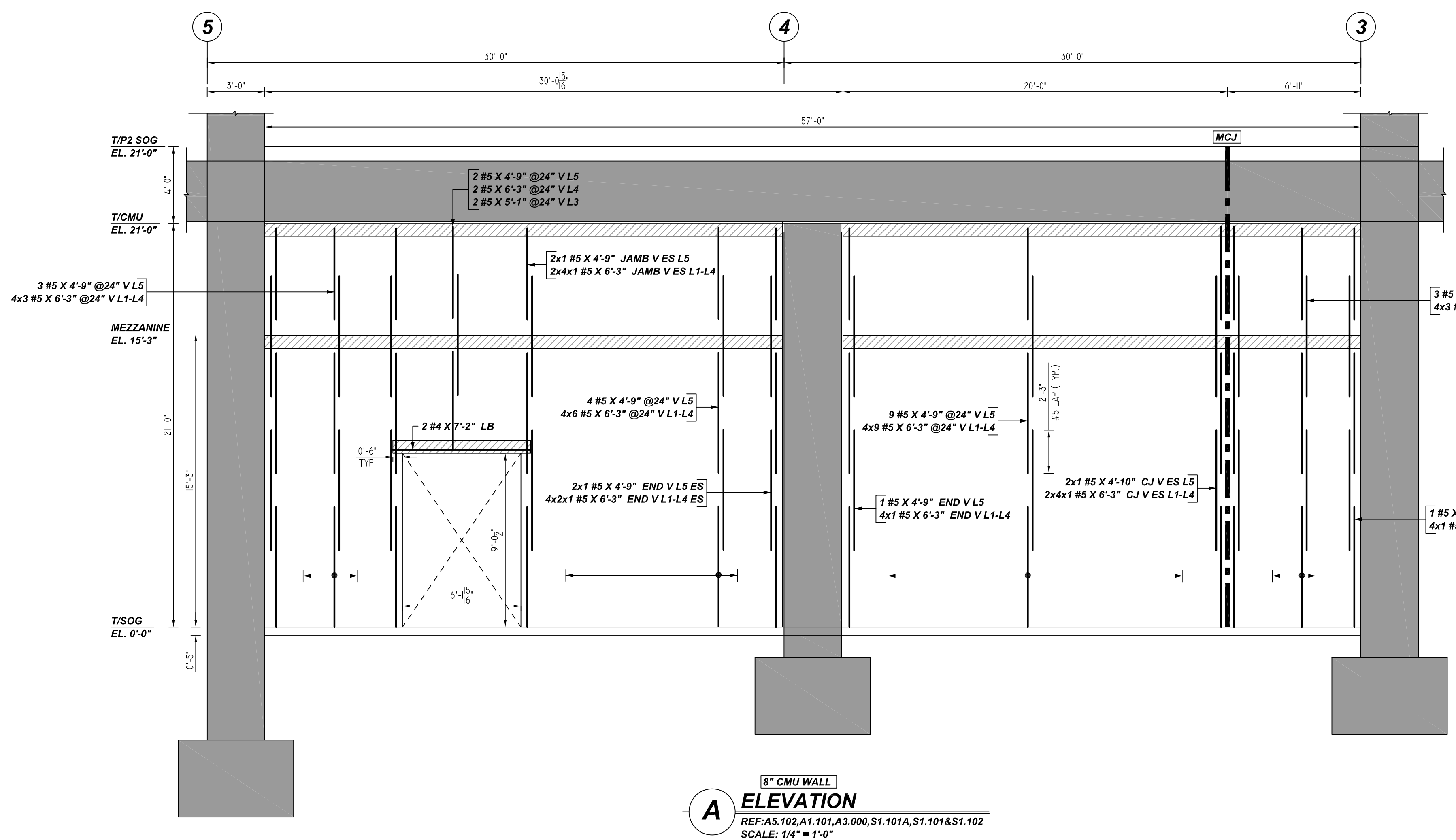


AT INTERSECTION - 8" CMU
REF: S4.101 & S4.102
SCALE: 1/2" = 1'-0"

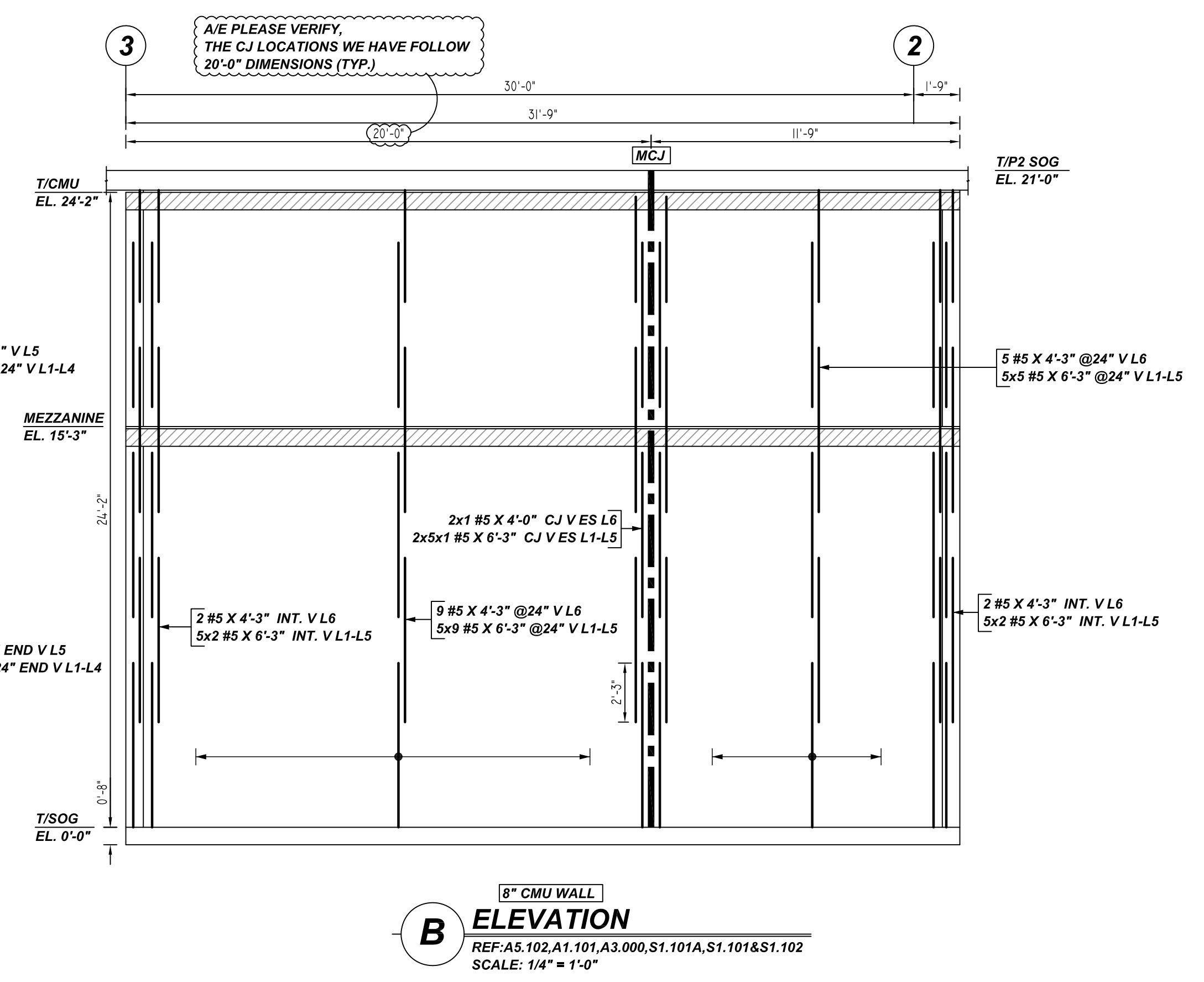
PLACING PLAN NOTES

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 - LAP OR EMBEDMENT LENGTHS SHOWN IN SPECIFIC DETAILS WILL SUPPRESS LAPS IN THE LAP SCHEDULE
 - VERIFY PLACEMENT DRAWINGS TO LATEST ISSUE OF JOB RECORD DRAWING FOR POSSIBLE REVISIONS OR FIELD CHANGES
 - TYPICAL NOTES & DETAILS ARE USED THROUGHOUT ENTIRE PROJECT & APPLY UNLESS NOTED OTHERWISE

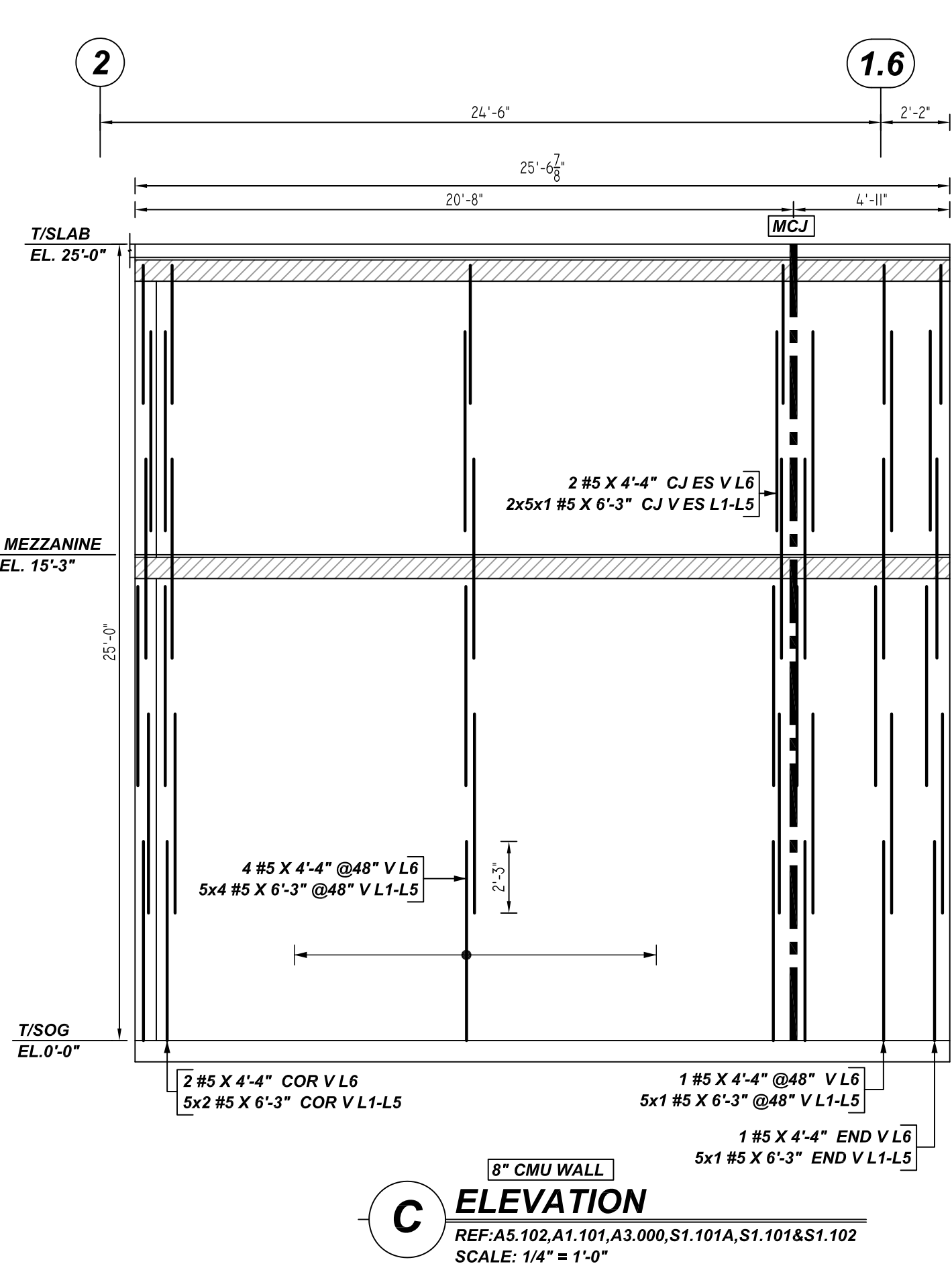
NO.	FOR APPROVAL	DATE	DESCRIPTION	JOB NAME: RYAN COMPANIES RYAN TOWER	
				DATE	DESCRIPTION
0				JOB NO: 22109	DATE: 09-02-22
1				DETAILS OF: LEVEL-01 TO LEVEL-P2 CMU WALL REINFORCEMENT DETAILS	DATE: 09-02-22
2				DETAILER: SSSTR	DRWG: M01
3				TEXAS REBAR, LLC 817-487-1672	



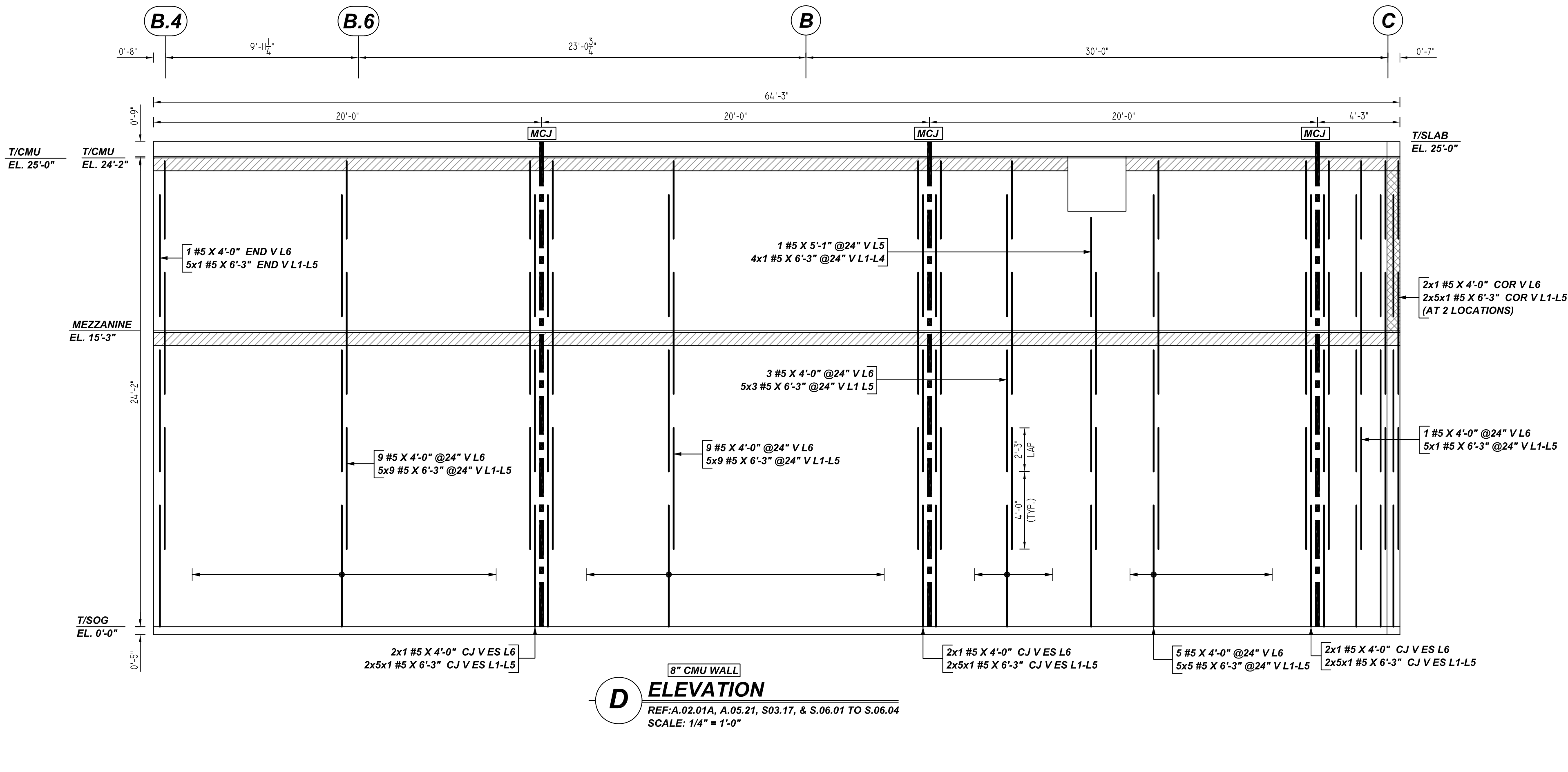
A 8" CMU WALL
ELEVATION
 REF: A5.102, A1.101, A3.000, S1.101A, S1.101 & S1.102
 SCALE: 1/4" = 1'-0"



B 8" CMU WALL
ELEVATION
 REF: A5.102, A1.101, A3.000, S1.101A, S1.101 & S1.102
 SCALE: 1/4" = 1'-0"



C 8" CMU WALL
ELEVATION
 REF: A5.102, A1.101, A3.000, S1.101A, S1.101 & S1.102
 SCALE: 1/4" = 1'-0"



D 8" CMU WALL
ELEVATION
 REF: A.02.01A, A.05.21, S03.17, & S.06.01 TO S.06.04
 SCALE: 1/4" = 1'-0"

A/E PLEASE VERIFY, THE CJ LOCATIONS WE HAVE FOLLOWED 20'-0" DIMENSIONS (TYP.)

LEGEND

- NO. OF LOCATION
- NO. OF LIFT
- NO. OF BARS
- NO. OF LIFT (OR) NO. OF LOCATION
- NO. OF BARS
- LIFT 1 TO LIFT 6

LAP SCHEDULE

BAR#	LENGTHS	
	ON CENTER	EACH FACE
#4	1'-9"	2'-5"
#5	2'-3"	3'-9"
#6	4'-3"	4'-6"

TYPICAL REINFORCING BAR CLEARANCE TABLE

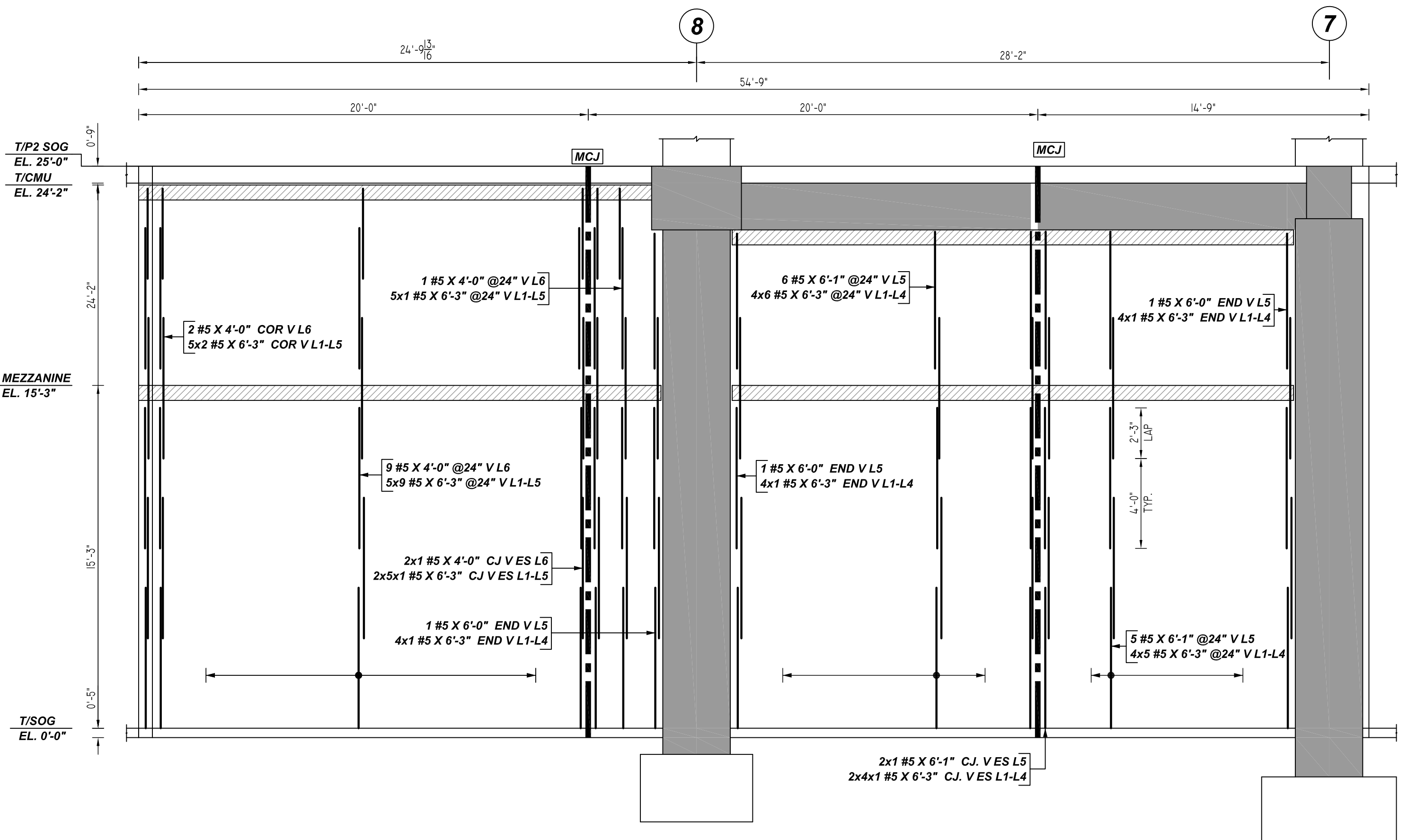
LOCATION	MIN. COVER
CMU WALL TOP & SIDE	2" CLR

ALL BARS IN THIS DRAWING
 ASTM A615 GRADE 60
 BLACK UNCOATED

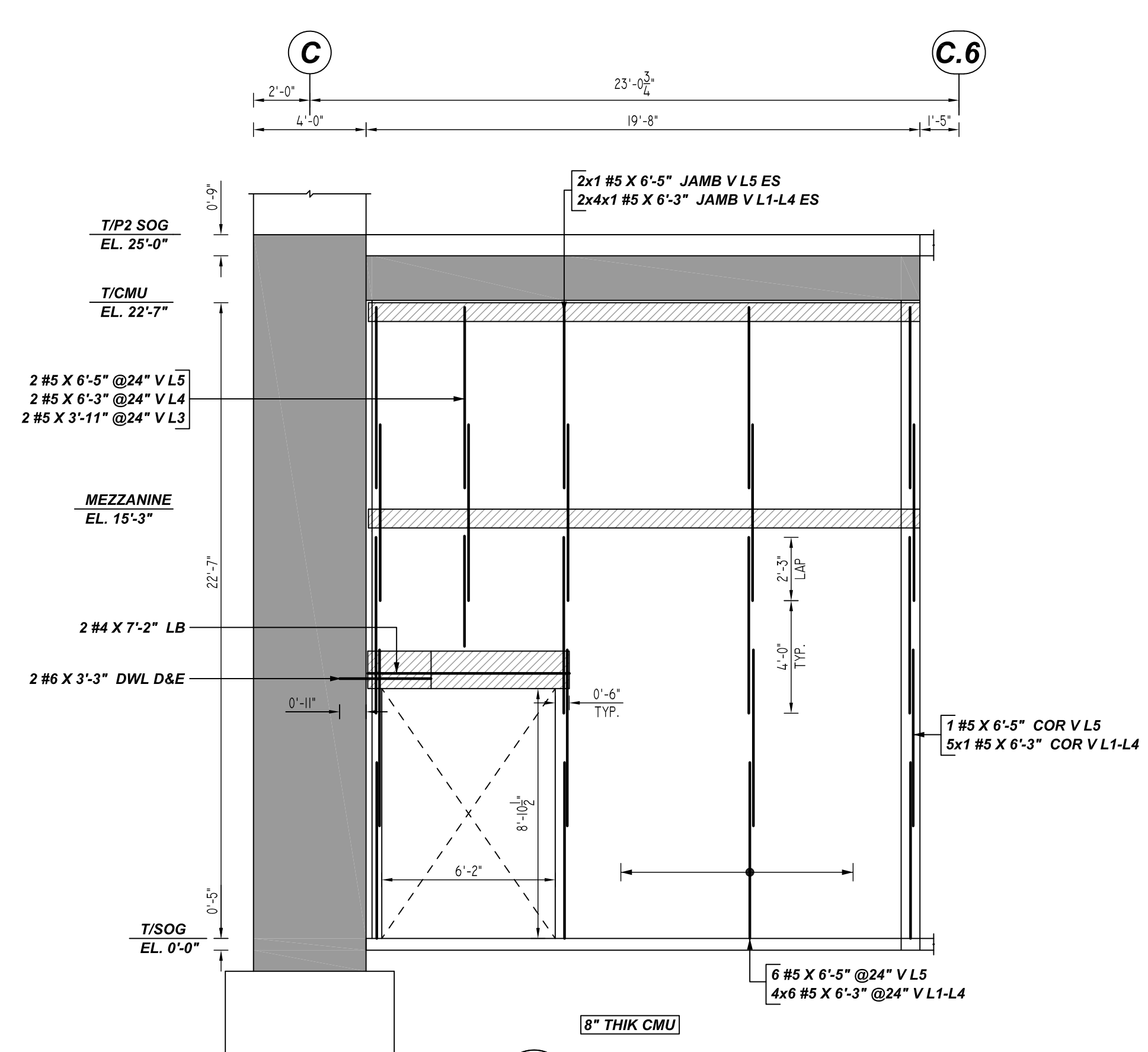
- PLACING PLAN NOTES**
1. THIS DRAWINGS FOR REBAR PLACEMENT ASSISTANCE ONLY. REFER TO STRUCTURAL DETAILS FOR CONTRACT REQUIREMENTS.
 2. SECTIONS/DETAILS/DIMENSIONS ON PLACING PLAN ARE FOR REFERENCE AND ARE TO BE USED IN CONJUNCTION WITH CONTRACT DRAWING FOR CRSI MANUAL OF STANDARD PRACTICE.
 3. REINFORCING STEEL IS DETAILED PER CONTRACT DOCUMENTS ONLY AS SHOWN CODE COMPLIANCE REQUIREMENTS ARE THE RESPONSIBILITY OF ENGINEER AND/OR CONTRACTOR.
 4. THE CONTRACTOR UNDERSTANDS THAT THE ENGINEER SHOULD ALWAYS VERIFY SHOP DRAWINGS IF TIME DOES NOT ALLOW FOR APPROVALS, TEXAS REBAR IS NOT HELD RESPONSIBLE FOR UNAPPROVED SHOP DRAWINGS USED IN PLACING CRSI MANUAL OF STANDARD PRACTICE, THE CUSTOMER AND ENGINEER SHOULD REVIEW SHOP DRAWINGS PRIOR TO INSTALLATION TO VERIFY ACCURACY TO STRUCTURAL DRAWINGS.
- PLACING PLAN NOTES**
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 2. SECTIONS & DETAILS MAY NOT BE SHOWN ON ALL PLACING PLANS. KEEP STRUCTURAL DRAWINGS ON SITE FOR USE.
 3. SOME LAP LENGTHS WILL BE ROUNDED UP IN DETAILING TO PROVIDE FOR 1" INCREMENTS FOR LAPS.
 4. LAP OR EMBEDMENT LENGTHS SHOWN IN SPECIFIC DETAILS WILL SUPPRESS LAPS IN THE LAP SCHEDULE.
 5. VERIFY PLACEMENT DRAWINGS TO LATEST ISSUE OF JOB RECORD DRAWING FOR POSSIBLE REVISIONS OR FIELD CHANGES.
 6. TYPICAL NOTES & DETAILS ARE USED THROUGHOUT ENTIRE PROJECT & APPLY UNLESS NOTED OTHERWISE.

NO.	REVISION	DATE	DESCRIPTION
0 <td>FOR APPROVAL <td>08/02/22 <td></td> </td></td>	FOR APPROVAL <td>08/02/22 <td></td> </td>	08/02/22 <td></td>	
1 <td></td> <td></td> <td></td>			
2 <td></td> <td></td> <td></td>			
3 <td></td> <td></td> <td></td>			
4 <td></td> <td></td> <td></td>			

JOB NAME: RYAN COMPANIES RYAN TOWER
 JOB NO: 22109
 DETAILS OF: LEVEL-01 TO LEVEL-P2 CMU WALL REINFORCEMENT DETAILS
 DATE: 09-02-22
 DETAILER: SSSTR
 DRWG: M02
 TEXAS REBAR, LLC 817-487-1672



E **ELEVATION**
 8" THICK CMU
 REF: A5.102, A1.101, A3.000, S1.101A, S1.101B & S1.102
 SCALE: 1/4" = 1'-0"



F **ELEVATION**
 8" THICK CMU
 REF: S4.01, S4.02, S1.101, A1.101, A5.101, A5.102, S7.11, S7.12, S7.20
 SCALE: 1/4" = 1'-0"

LEGEND

NO. OF LOCATION
 NO. OF LIFT
 NO. OF BARS

NO. OF LIFT (CR) NO. OF LOCATION
 NO. OF BARS

LIFT 1 TO LIFT 6

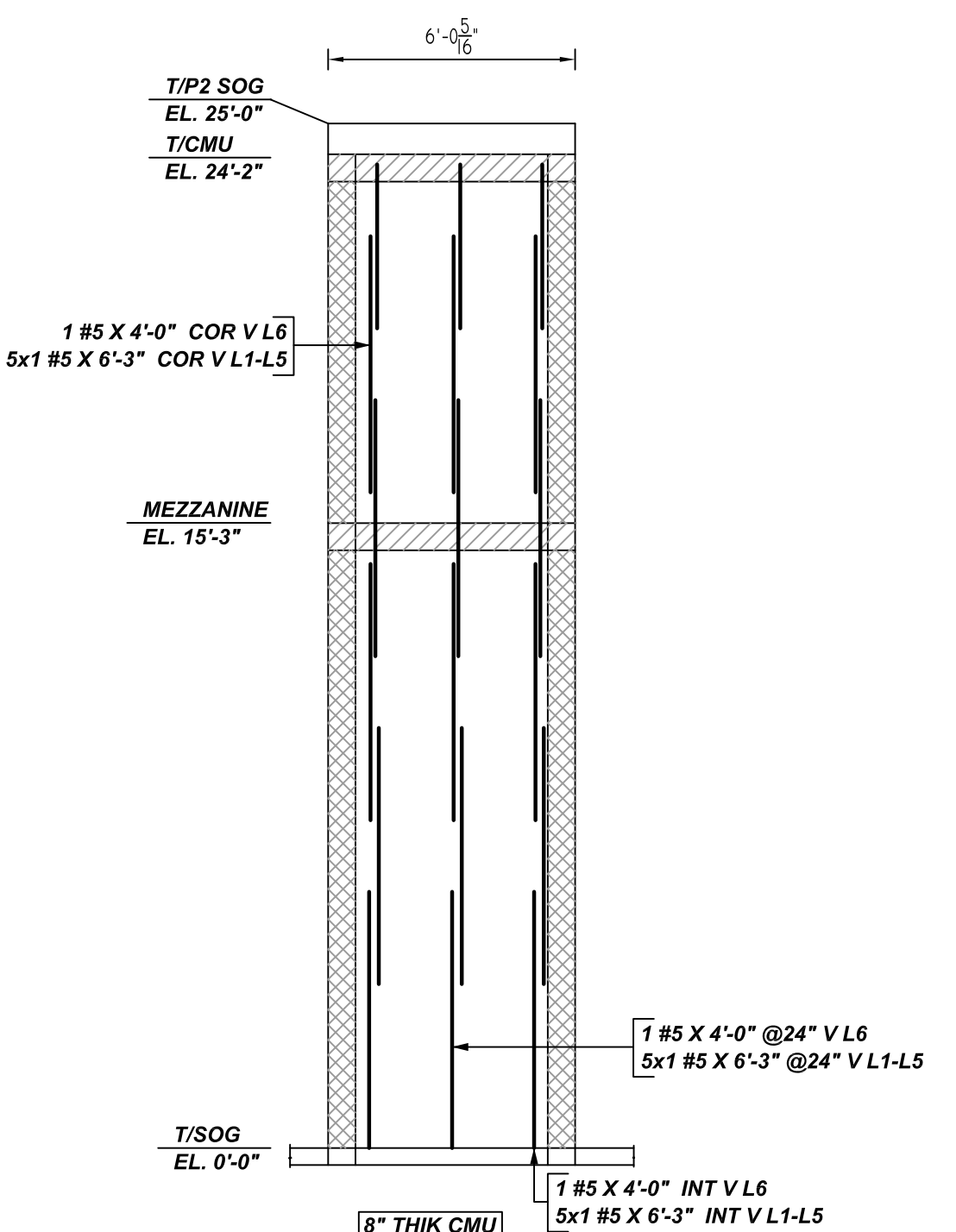
LAP SCHEDULE

BAR#	LENGTHS	
	ON CENTER	EACH FACE
#4	1'-9"	2'-5"
#5	2'-3"	3'-9"
#6	4'-3"	4'-6"

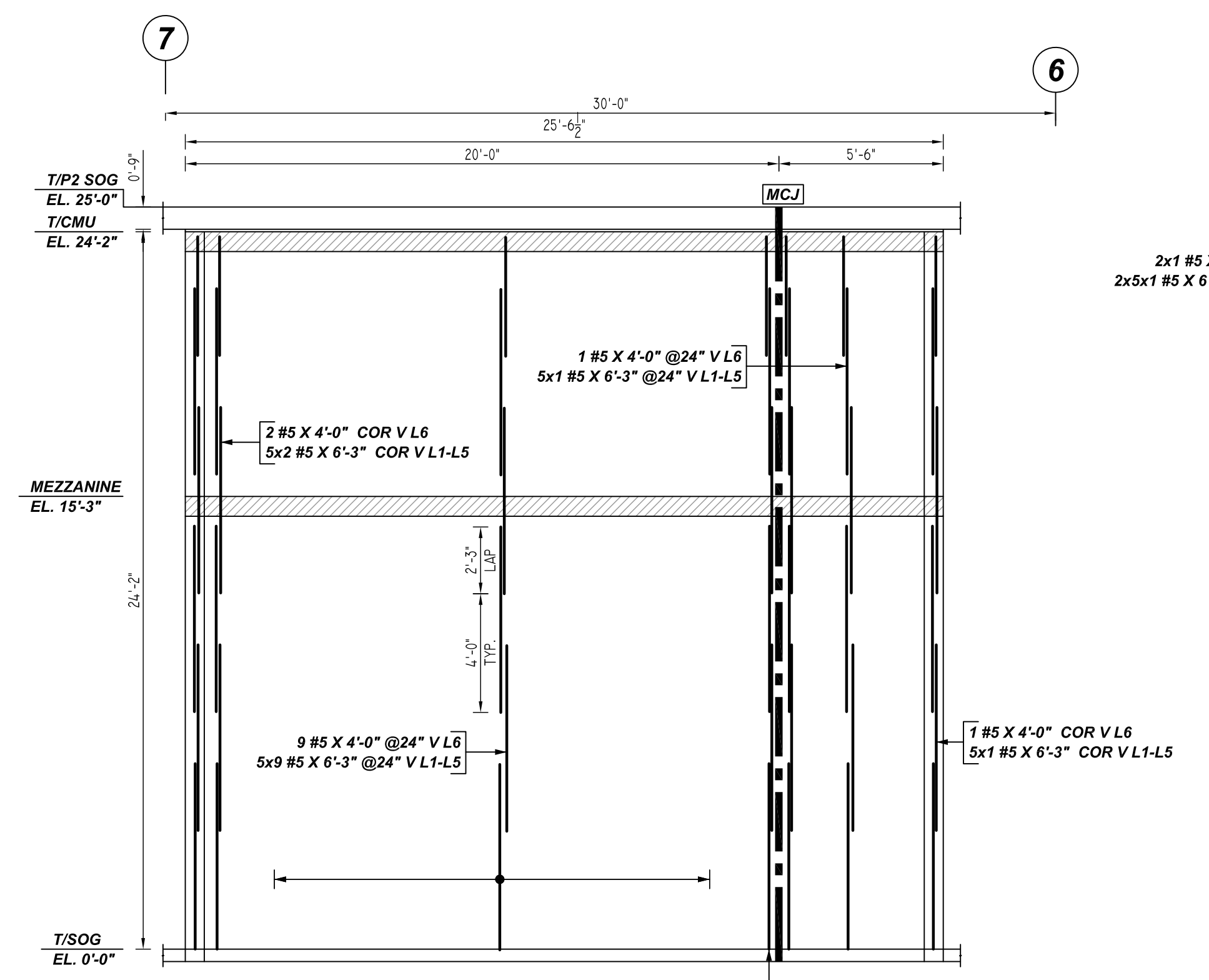
TYPICAL REINFORCING BAR CLEARANCE TABLE

LOCATION	MIN. COVER
CMU WALL TOP & SIDE	2" CLR

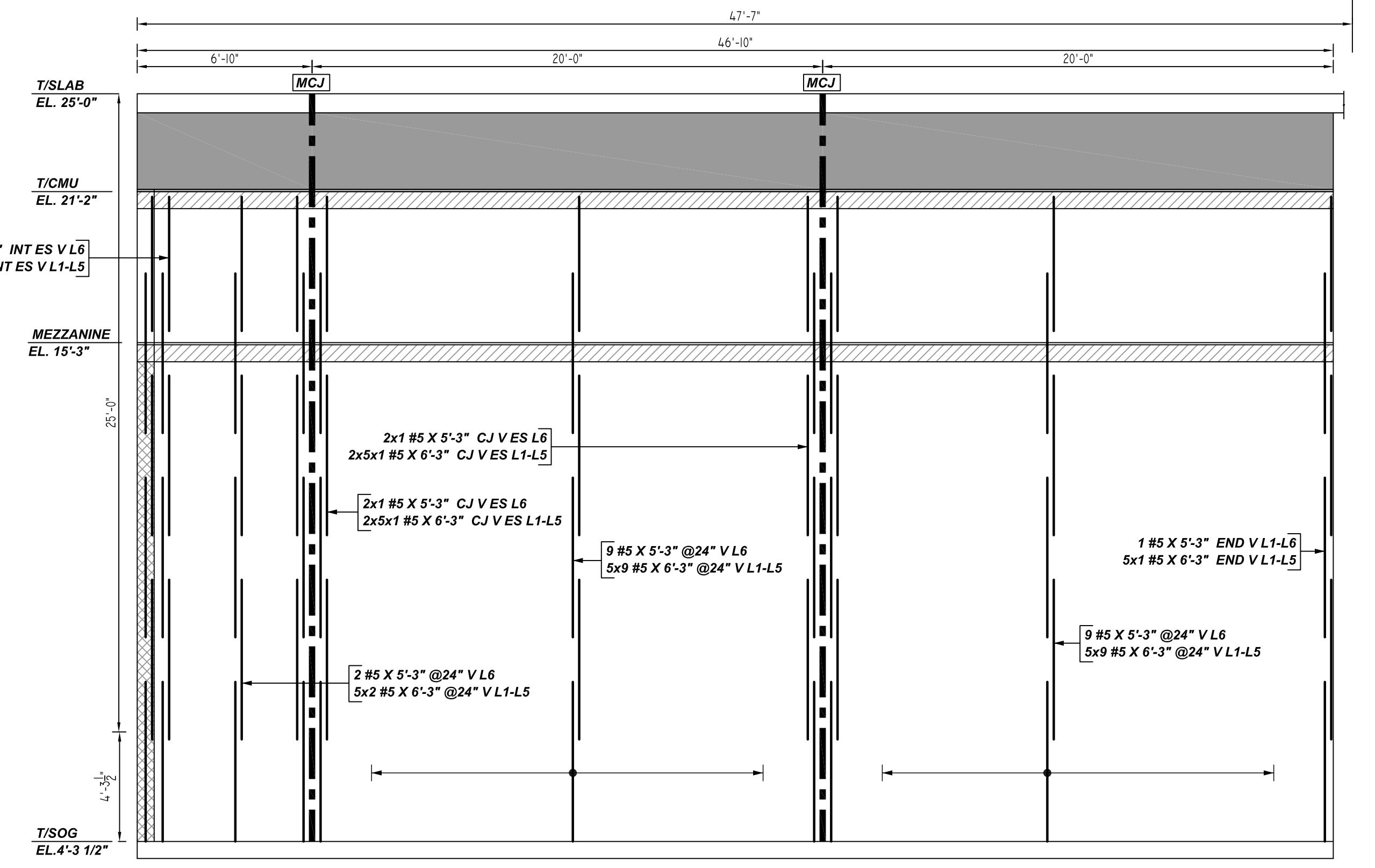
**ALL BARS IN THIS DRAWING
 ASTM A615 GRADE 60
 BLACK UNCOATED**



J **ELEVATION**
 8" THICK CMU
 REF: S4.01, S4.02, S1.101, A1.101, A5.101, A5.102, S7.11, S7.12, S7.20
 SCALE: 1/4" = 1'-0"



G **ELEVATION**
 8" THICK CMU
 REF: S4.01, S4.02, S1.101, A1.101, A5.101, A5.102, S7.11, S7.12, S7.20
 SCALE: 1/4" = 1'-0"

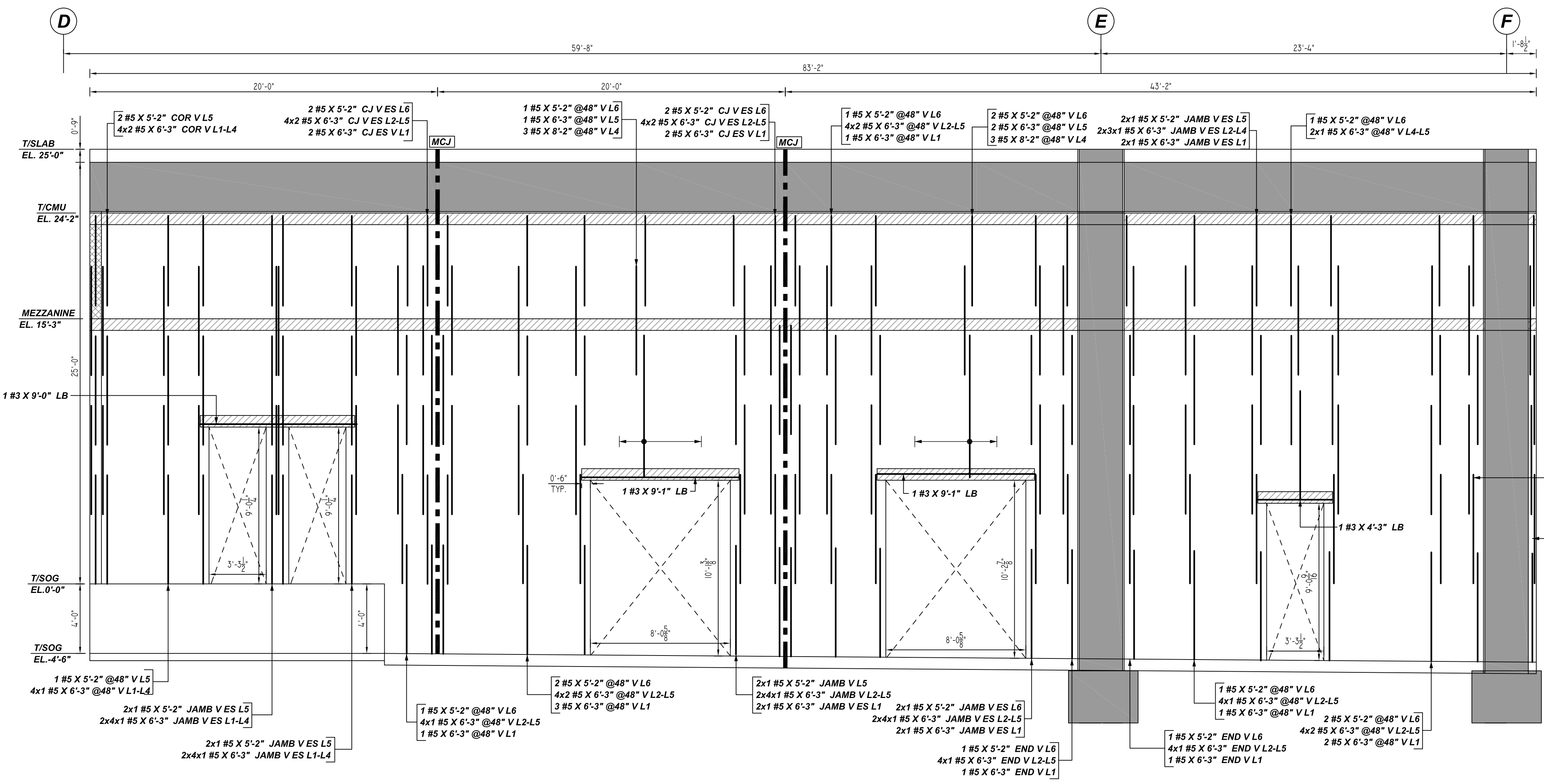


H **ELEVATION**
 8" CMU WALL
 REF: A.02.01A, A.05.21, S03.17, & S.06.01 TO S.06.04
 SCALE: 1/4" = 1'-0"

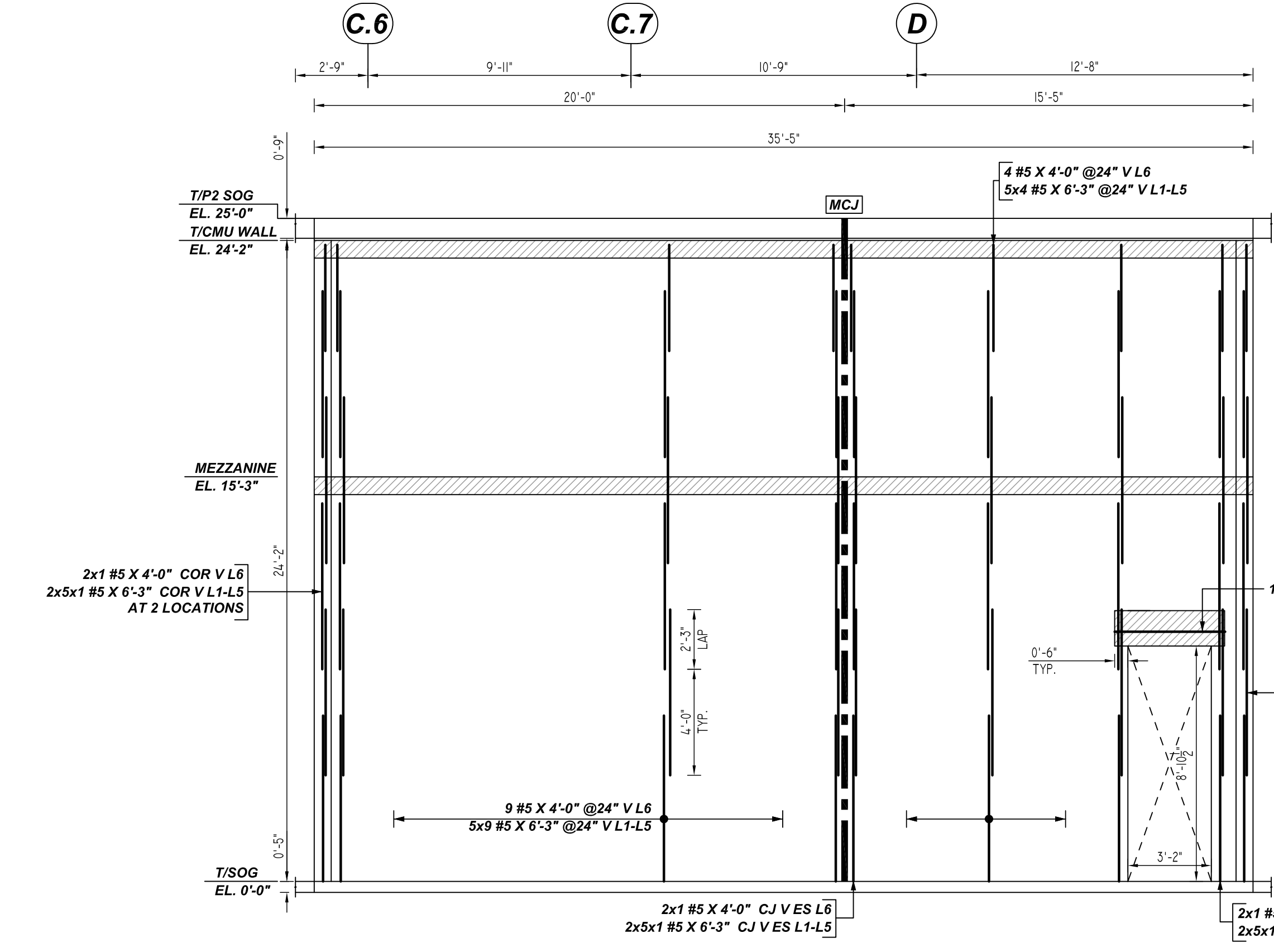
- PLACING PLAN NOTES**
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REVISION	NO.	DESCRIPTION	DATE	BY	CHECKED
	0	FOR APPROVAL			
	1				
	2				
	3				
	4				

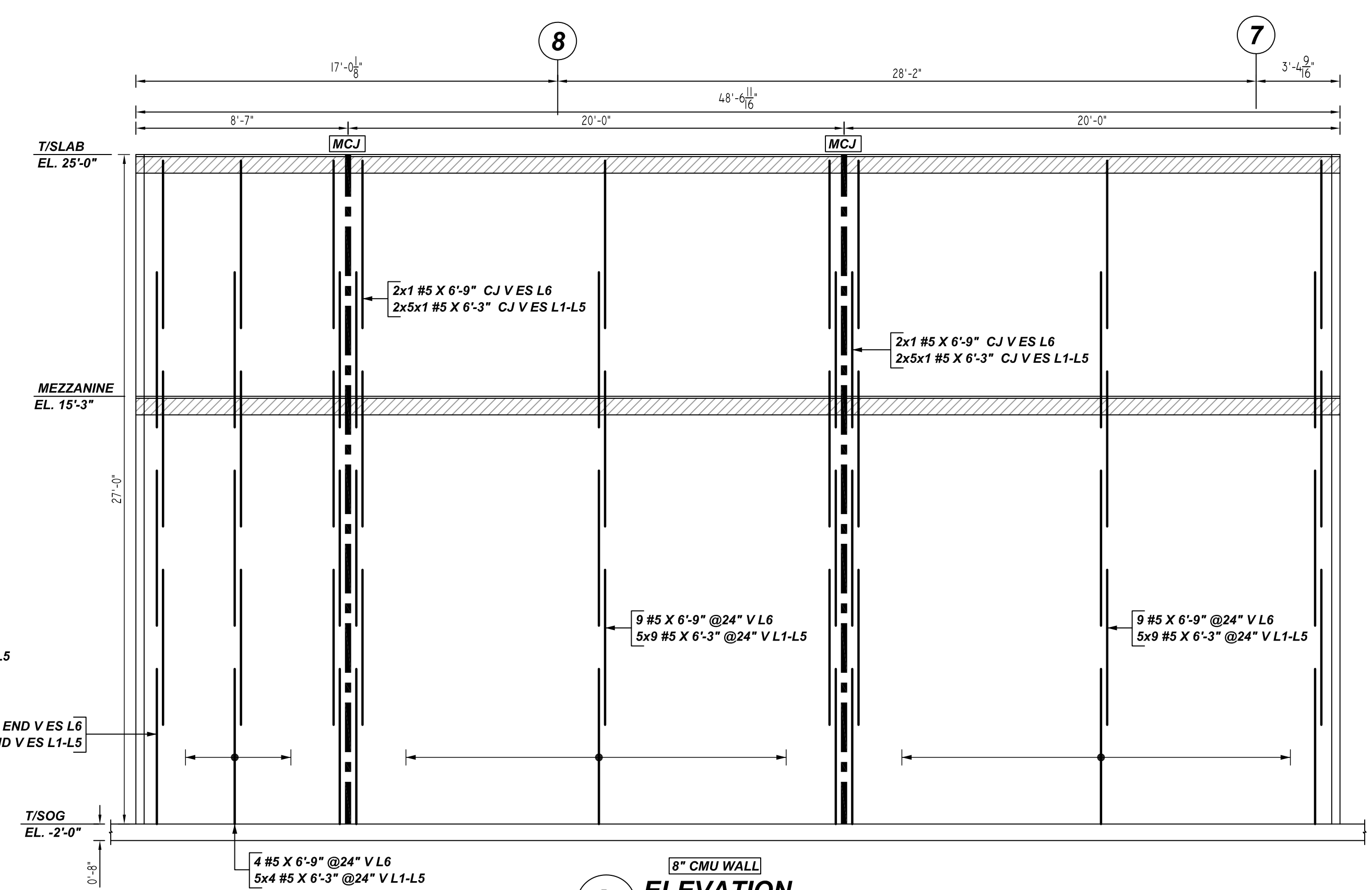
JOB NAME: RYAN COMPANIES RYAN TOWER
 JOB NO: 22109
 DETAILS OF: LEVEL-01 TO LEVEL-P2 CMU WALL REINFORCEMENT DETAILS
 DATE: 09-02-22
 DETAILER: SSSTR
 DRWG: M03
 TEXAS REBAR, LLC 817-487-1672



M 8" CMU WALL
ELEVATION
 REF: A.02.01A, A.05.21, S03.17, & S.06.01 TO S.06.04
 SCALE: 1/4" = 1'-0"



K 8" THIK CMU
ELEVATION
 REF: S4.01, S4.02, S1.101, A1.101, A5.101, A5.102, S7.11, S7.12, S7.20
 SCALE: 1/4" = 1'-0"



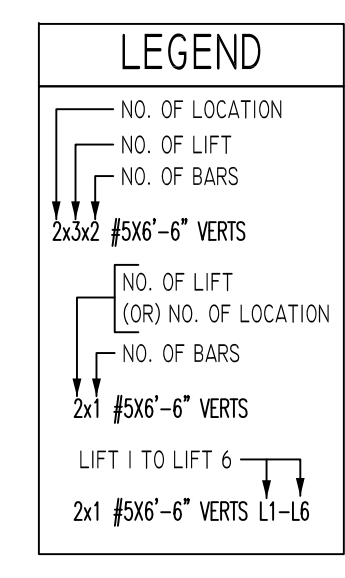
L 8" CMU WALL
ELEVATION
 REF: A.02.01A, A.05.21, S03.17, & S.06.01 TO S.06.04
 SCALE: 1/4" = 1'-0"

LAP SCHEDULE

BAR#	LENGTHS	
	ON CENTER	EACH FACE
#4	1'-9"	2'-5"
#5	2'-3"	3'-9"
#6	4'-3"	4'-6"

TYPICAL REINFORCING BAR CLEARANCE TABLE		
LOCATION	MIN. COVER	
CMU WALL TOP & SIDE	2" CLR	

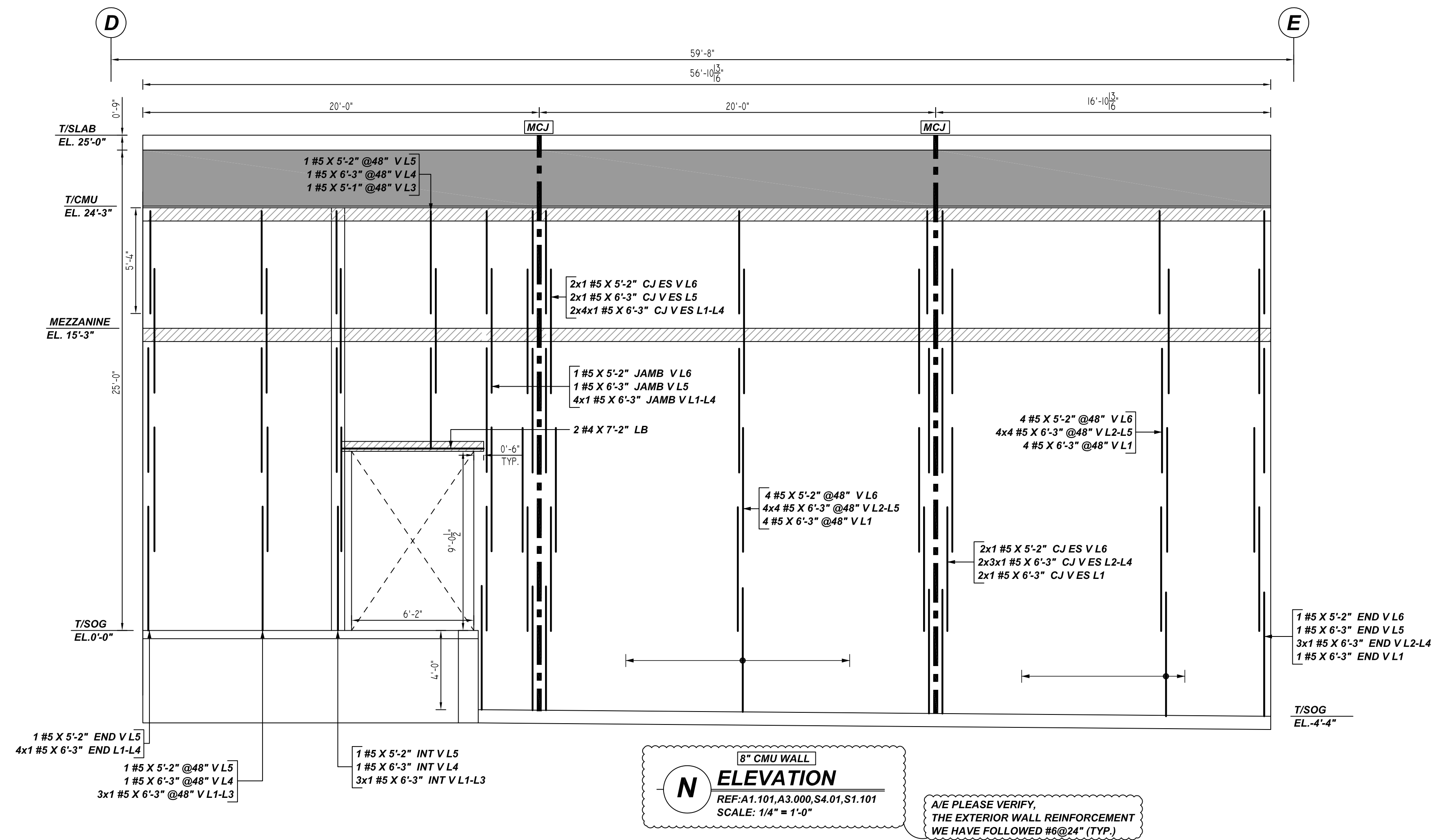
ALL BARS IN THIS DRAWING
 ASTM A615 GRADE 60
 BLACK UNCOATED



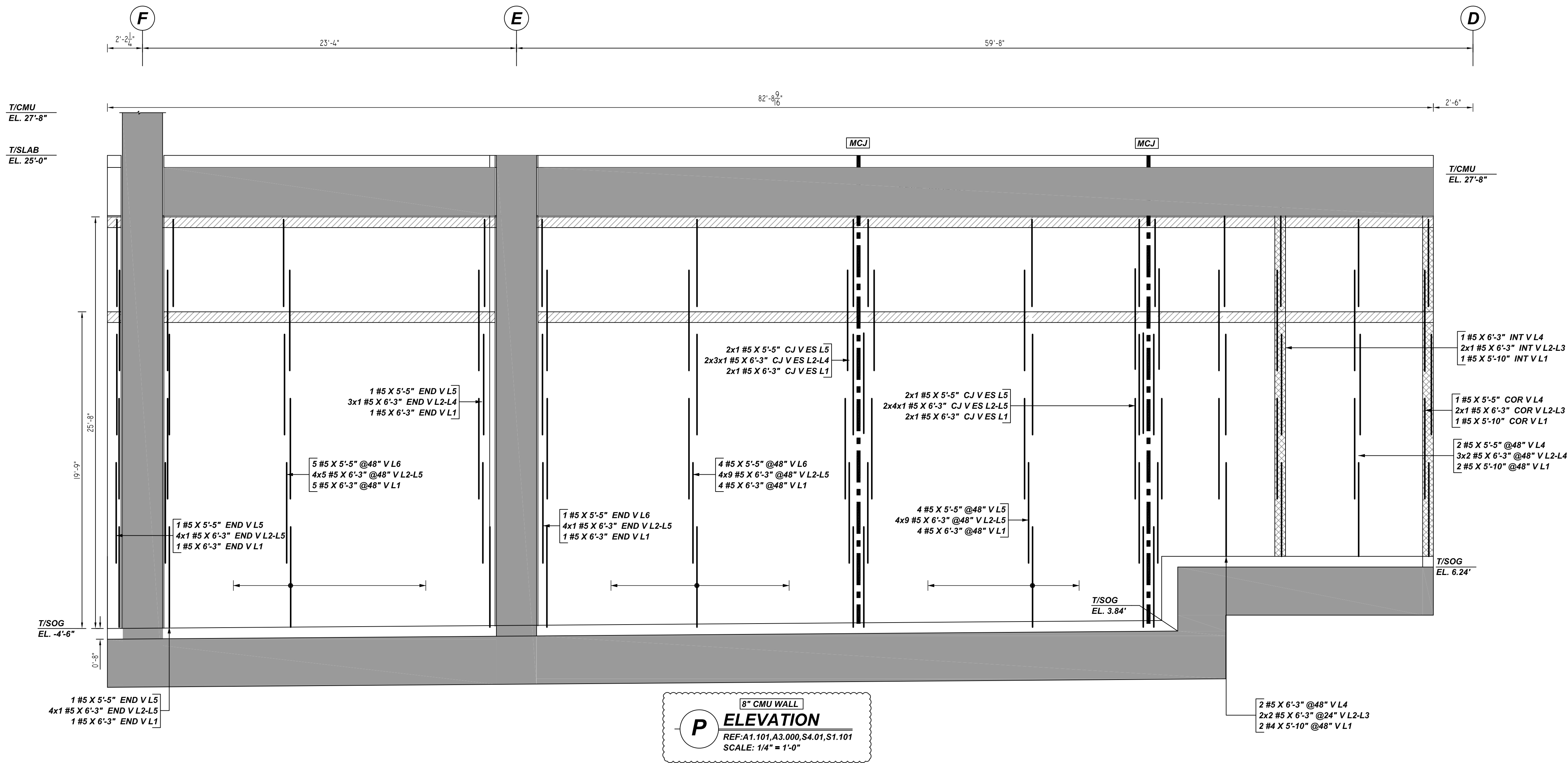
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NO.	DATE	DESCRIPTION	BY	CHECKED	DATE	JOB NAME:	JOB NO:		DATE:
							FOR APPROVAL	FOR REVISION	
0						RYAN COMPANIES RYAN TOWER	22109		
1						DETAILS OF:	LEVEL-01 TO LEVEL-P2 CMU WALL REINFORCEMENT DETAILS		
2						DETAILER:	SSSTR		DRWG: M04
							TEXAS REBAR, LLC 817-487-1672		



N ELEVATION
 8" CMU WALL
 REF: A1.101, A3.000, S4.01, S1.101
 SCALE: 1/4" = 1'-0"
 A/E PLEASE VERIFY,
 THE EXTERIOR WALL REINFORCEMENT
 WE HAVE FOLLOWED #6@24" (TYP.)



P ELEVATION
 8" CMU WALL
 REF: A1.101, A3.000, S4.01, S1.101
 SCALE: 1/4" = 1'-0"

LAP SCHEDULE

BAR#	LENGTHS	
	ON CENTER	EACH FACE
#4	1'-9"	2'-5"
#5	2'-3"	3'-9"
#6	4'-3"	4'-6"

TYPICAL REINFORCING BAR CLEARANCE TABLE

LOCATION	MIN. COVER
CMU WALL TOP & SIDE	2" CLR

ALL BARS IN THIS DRAWING
 ASTM A615 GRADE 60
 BLACK UNCOATED

PLACING PLAN NOTES

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NO.	REVISION	DATE	DESCRIPTION	MADE BY	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

JOB NAME:	RYAN COMPANIES RYAN TOWER
JOB NO:	22109
DETAILS OF:	LEVEL-01 TO LEVEL-P2 CMU WALL REINFORCEMENT DETAILS
DATE:	09-02-22
DETAILER:	SSSTR
DRWG:	M05
TEXAS REBAR, LLC 817-487-1672	