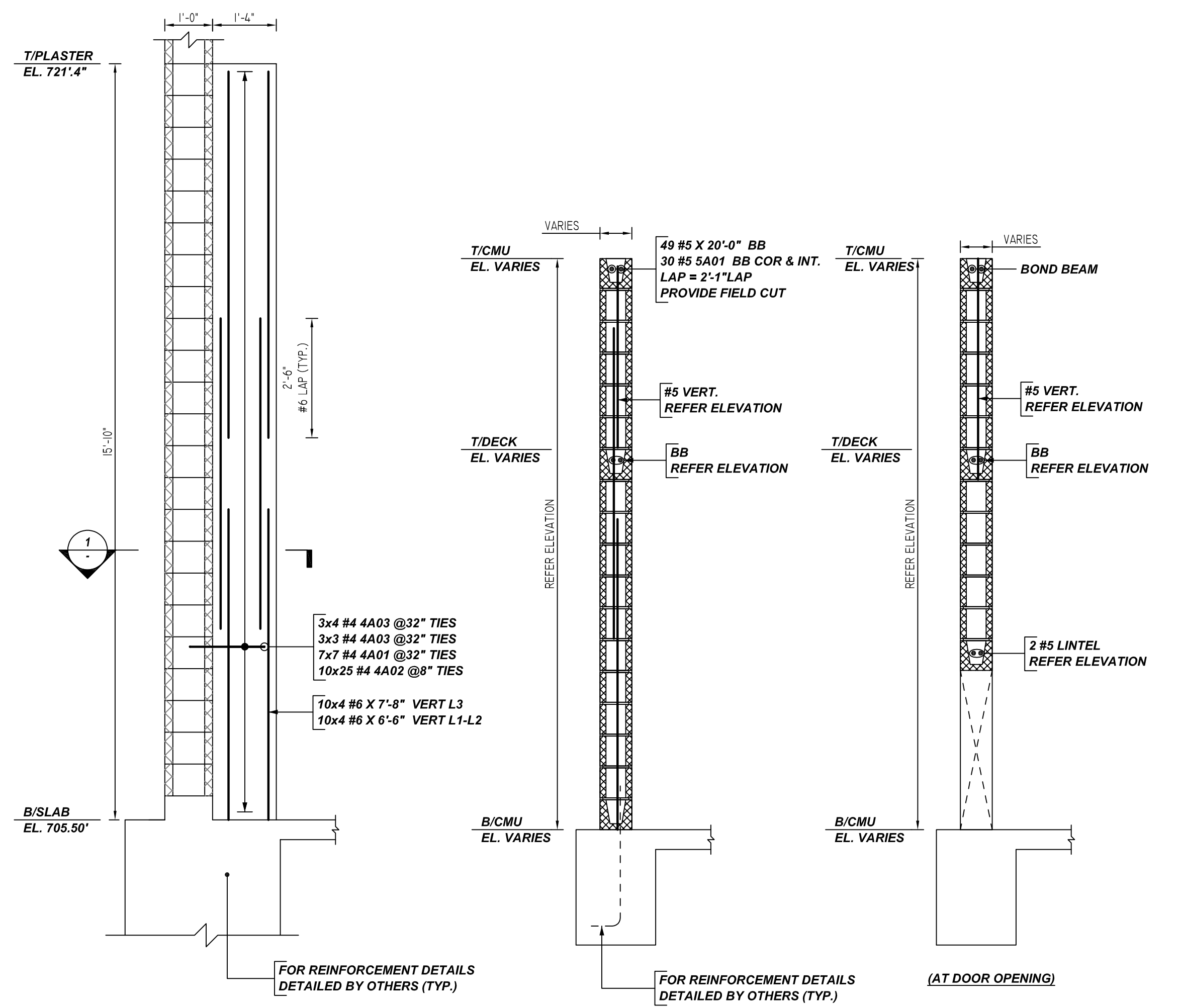
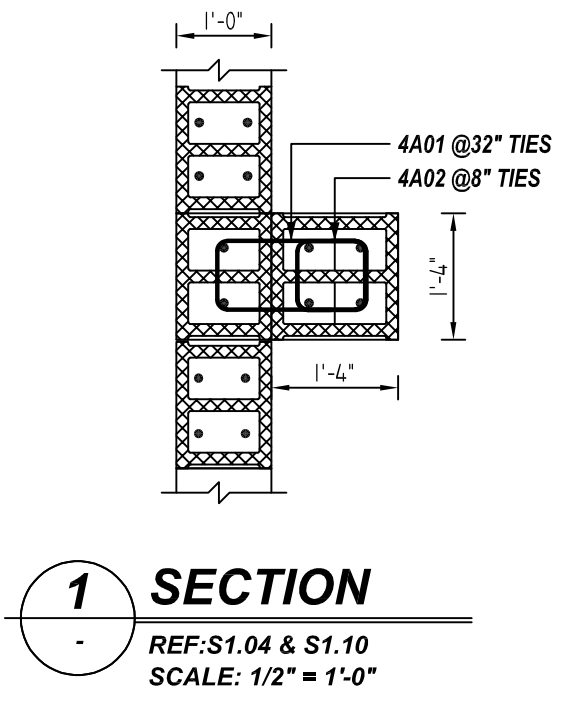


CMU WALL PLAN LAYOUT
 REF: S1.04 & A1.01
 SCALE: 3/16" = 1'-0"

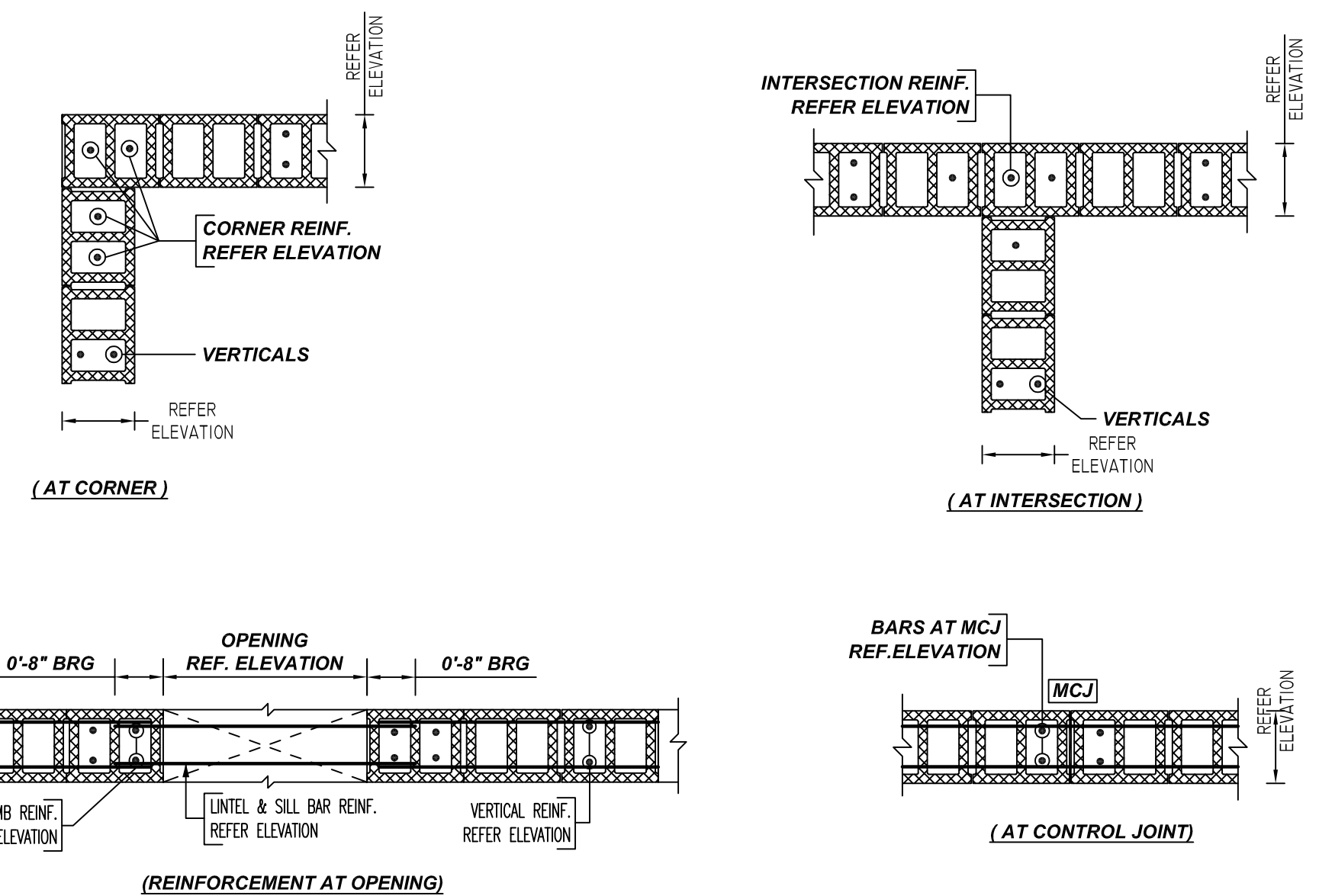


DETAILS - A
 REF: S1.04 & S1.10
 SCALE: 1/2" = 1'-0"
 (@10 LOCATIONS)

TYPICAL CMU WALL SECTION
 REF: 1/S5.01
 SCALE: 1/2" = 1'-0"

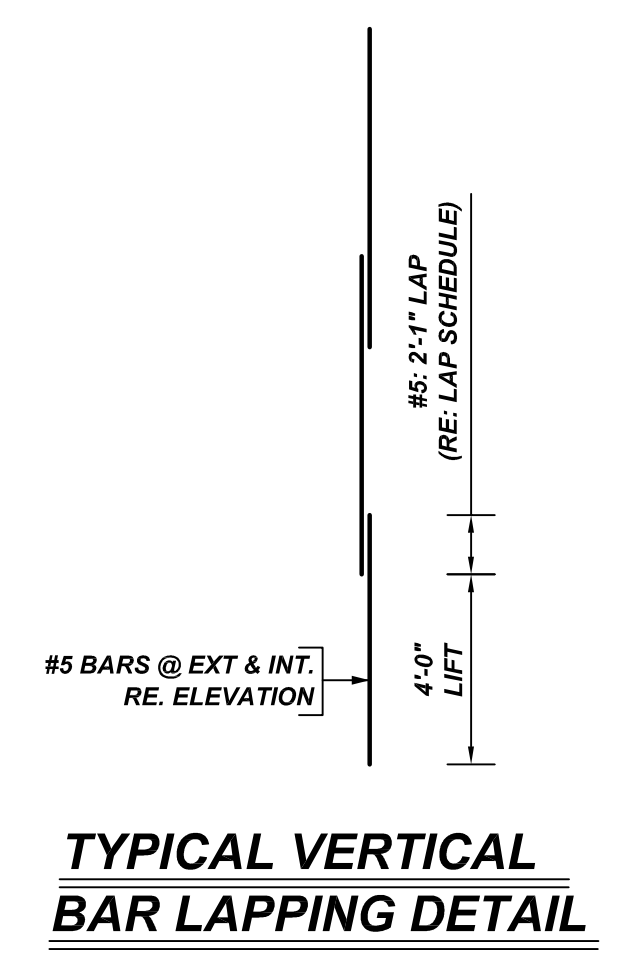


SECTION 1
 REF: S1.04 & S1.10
 SCALE: 1/2" = 1'-0"



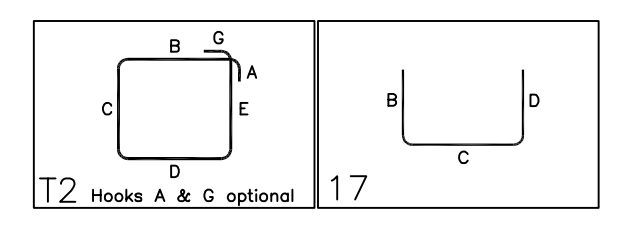
TYPICAL CMU WALL DETAILS
 REF: 3/S5.01
 SCALE: 1/2" = 1'-0"

A/E PLEASE VERIFY BAR ARRANGEMENT DETAILS WE FOLLOWED (TYP.)



TYPICAL VERTICAL BAR LAPPING DETAIL

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	49	#5	5'-5"	T2	0'-4 1/2"	1'-7"	0'-9"	1'-7"	0'-9"	0'-4 1/2"																				
4A02	30	#5	5'-9"	T2	0'-4 1/2"	0'-9"	0'-9"	0'-9"	0'-9"	0'-4 1/2"																				
4A03	21	#4	6'-0"	T2	0'-4 1/2"	1'-10 1/2"	0'-9"	1'-10 1/2"	0'-9"	0'-4 1/2"																				
5A01	30	#5	4'-2"	L1		2'-1"	2'-1"																							

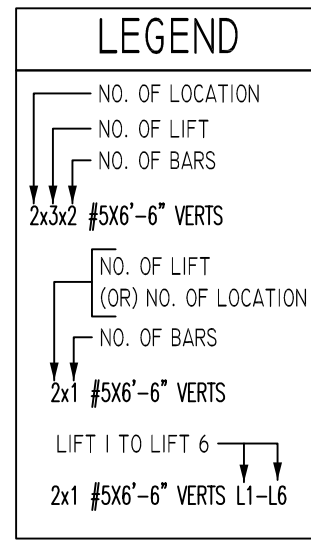


**ALL BARS IN THIS DRAWING
 ASTM A615 GRADE 60
 BLACK UNCOATED**

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

LAP SCHEDULE
 Per ACI 318 (12.2.2)

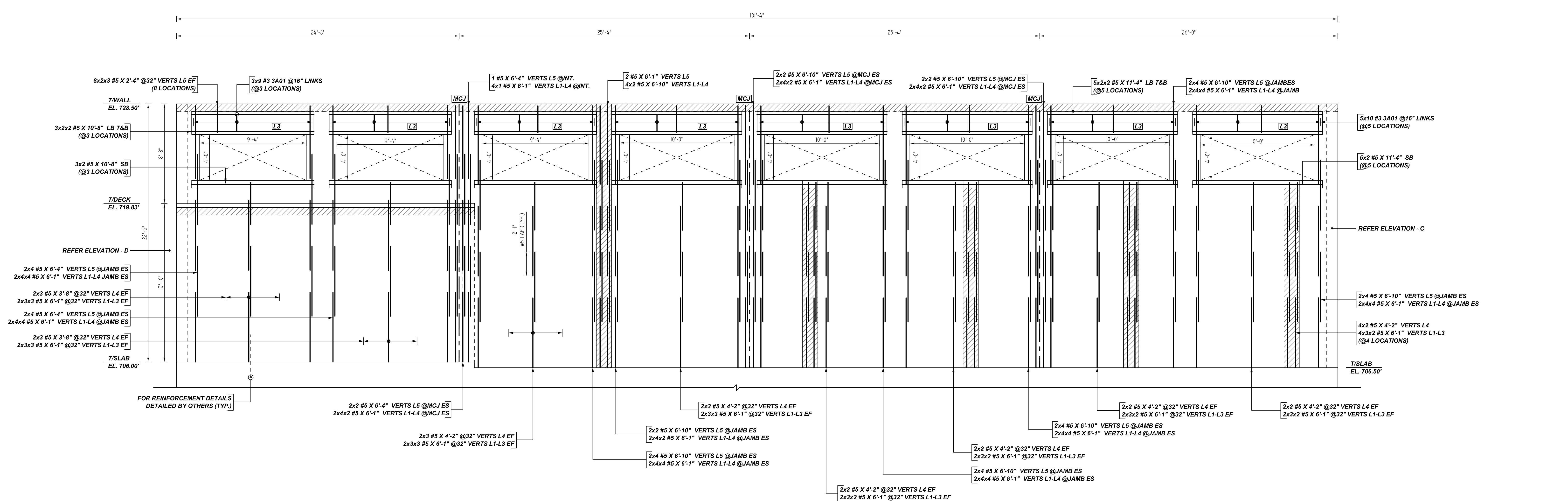
BAR#	40 x BAR DIA
#3	2'-0"
#4	2'-0"
#5	2'-1"
#6	2'-6"
#7	2'-11"
#8	3'-4"
#9	3'-10"
#10	4'-3"
#11	4'-9"



- PLACING PLAN NOTES**
1. THIS DRAWINGS FOR REBAR PLACEMENT ASSISTANCE ONLY, REFER TO STRUCTURAL DETAILS FOR CONTRACT REQUIREMENTS
 2. SECTIONS & DETAILS ON PLACING PLAN ARE FOR REFERENCE ONLY 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.

NO.	DATE	DESCRIPTION	BY	CHKD
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2				
3				
4				

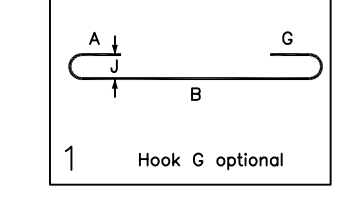
JOB NAME: NORTHWEST BOOSTER PUMP STATION
 JOB NO: 22097
 DETAILS OF: CMU WALL PLAN LAYOUT
 DATE: 07-28-22
 DETAILER: SSTR
 DRWG: M01
 TEXAS REBAR, LLC 817-487-1672



12" CMU WALL
A ELEVATION
 REF: S1.04, S1.07, A1.01 & A1.01
 SCALE: 1/4" = 1'-0"

Release Number: W2

Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	X''	Y''	Z''	X'''	Y'''	Z'''
3A01	77	#3	2'-4"	1	0'-5"	1'-6"					0'-3"		



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

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

LAP SCHEDULE
 Per ACI 318 (12.2.2)

BAR#	LENGTHS 40 x BAR DIA
#3	2'-0"
#4	2'-0"
#5	2'-1"
#6	2'-6"
#7	2'-11"
#8	3'-4"
#9	3'-10"
#10	4'-3"
#11	4'-9"

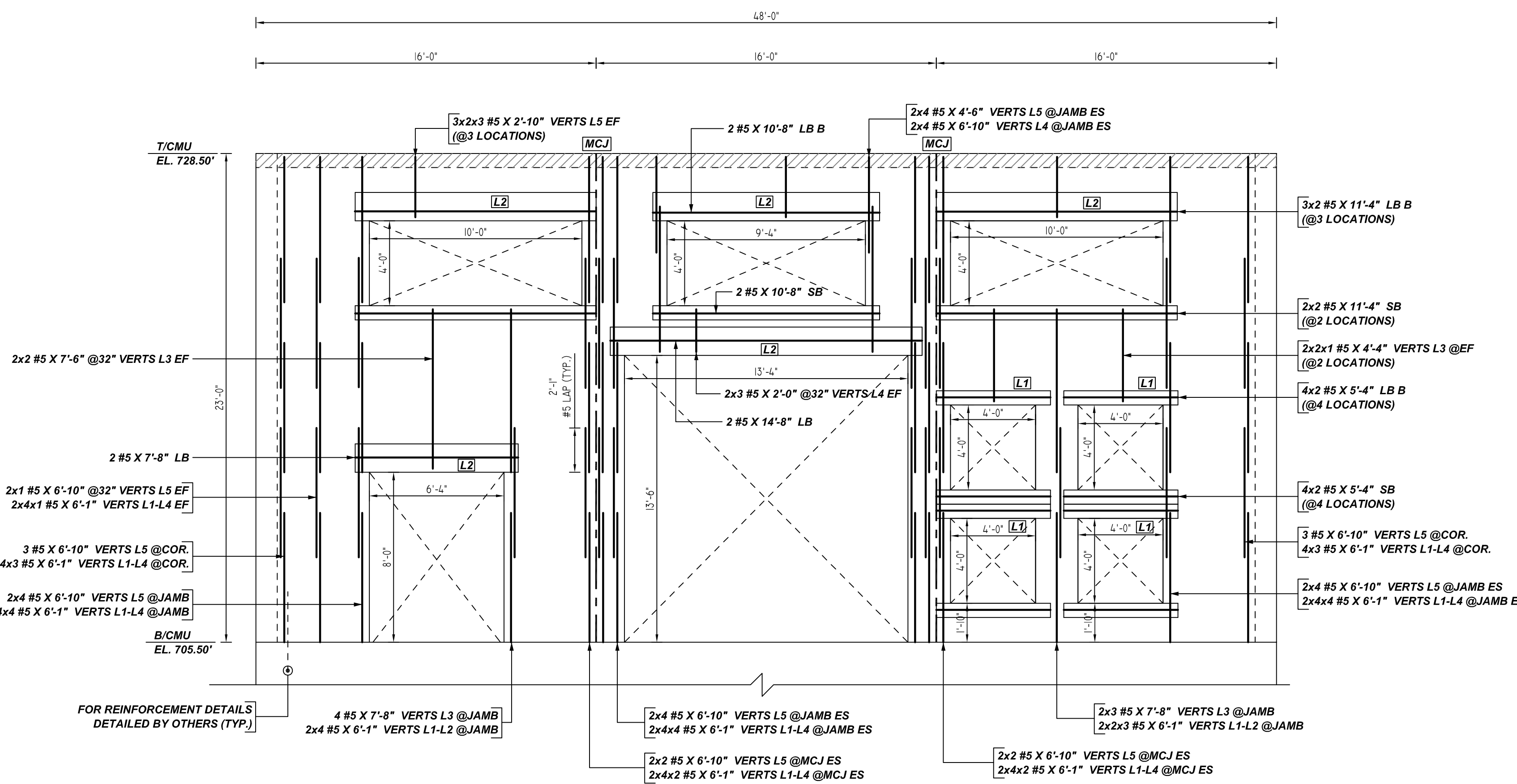
LEGEND

- NO. OF LOCATION
- NO. OF LIFT
- NO. OF BARS
- 2x32 #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

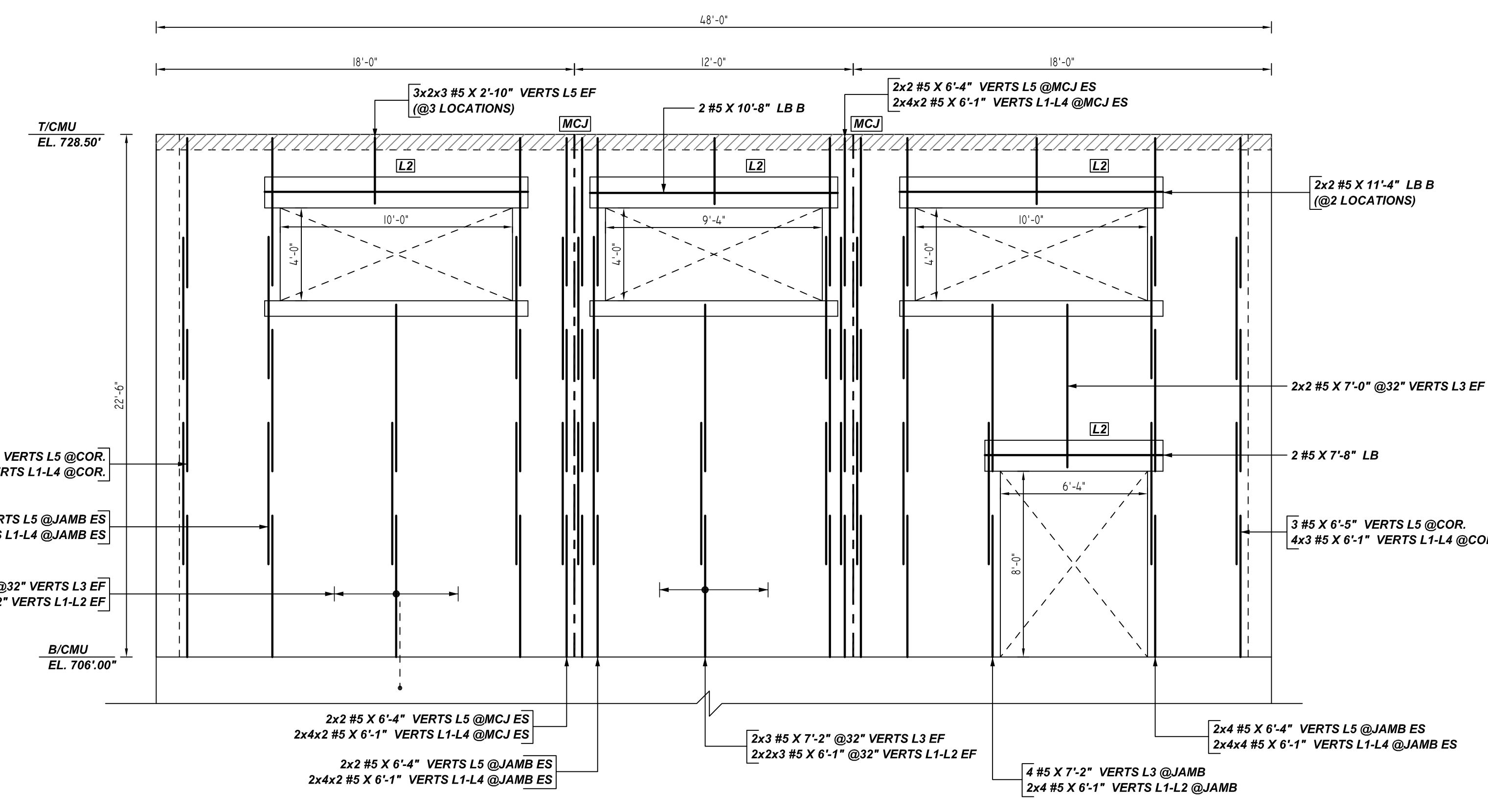
- PLACING PLAN NOTES**
1. THIS DRAWINGS FOR REBAR PLACEMENT ASSISTANCE ONLY, REFER TO STRUCTURAL DETAILS FOR CONTRACT REQUIREMENTS
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- PLACING PLAN NOTES**
1. DIMENSIONS ELEVATIONS & DRAWINGS SCALES SHOWN ARE FOR REFERENCE ONLY CONTRACTOR TO PROVIDE LINES, GRADES & TEMPLATES REQUIRED FOR PLACEMENTS
 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.	DESCRIPTION	DATE	DATE
		MADE	FOR APPROVAL
0		07-28-22	
1			
2			
3			
4			

JOB NAME: NORTHWEST BOOSTER PUMP STATION
 JOB NO: 22097
 DETAILS OF: CMU WALL REINFORCEMENT DETAILS
 DATE: 07-28-22
 DETAILER: SSSTR
 DRWG: M02
 TEXAS REBAR, LLC 817-487-1672



C ELEVATION
 12" THK CMU WALL
 REF: S1.04, S1.07, A1.01 & A1.01
 SCALE: 1/4" = 1'-0"



D ELEVATION
 12" THK CMU WALL
 REF: S1.04, S1.07, A1.01 & A1.01
 SCALE: 1/4" = 1'-0"

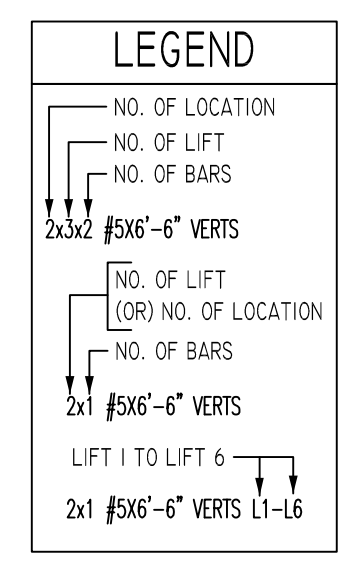
**ALL BARS IN THIS DRAWING
 ASTM A615 GRADE 60
 BLACK UNCOATED**

TYPICAL REINFORCING BAR CLEARANCE TABLE

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

LAP SCHEDULE
 Per ACI :318 (12.2.2)

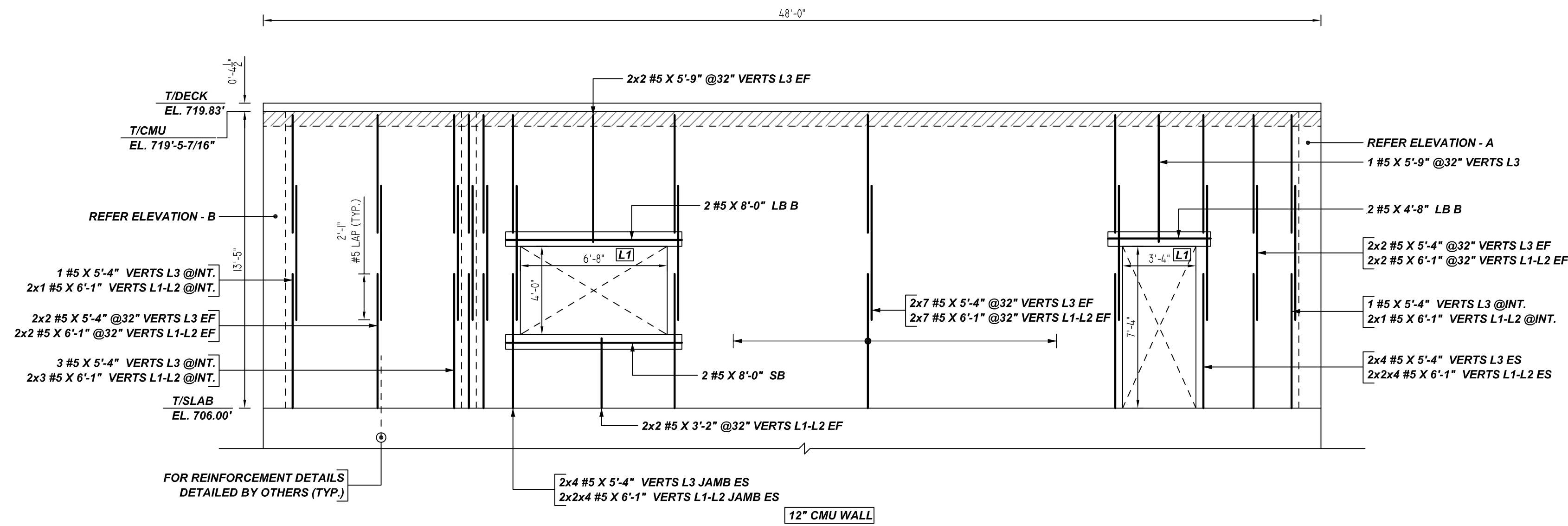
BAR#	LENGTHS
#3	2'-0"
#4	2'-0"
#5	2'-1"
#6	2'-6"
#7	2'-11"
#8	3'-4"
#9	3'-10"
#10	4'-3"
#11	4'-9"



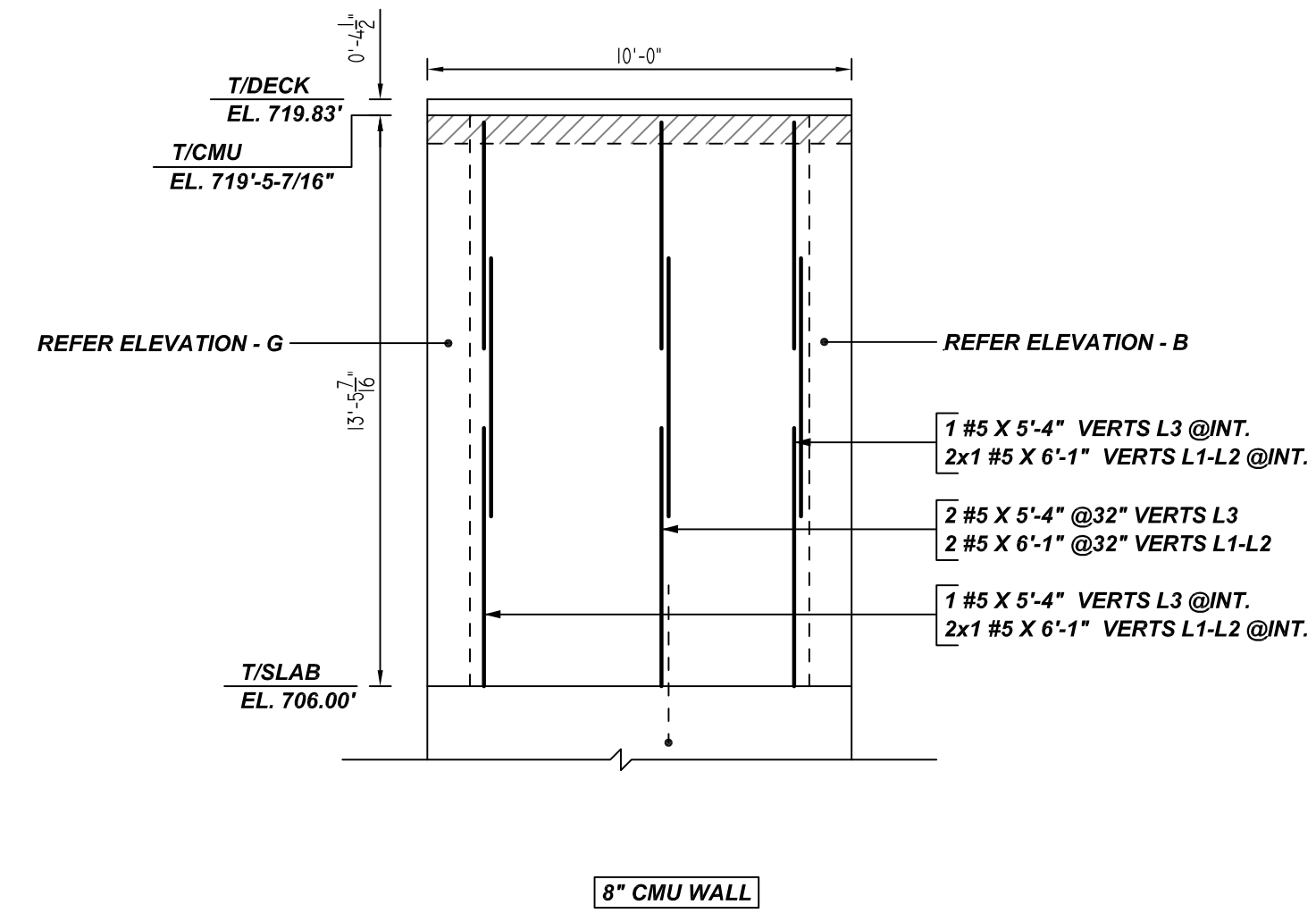
- PLACING PLAN NOTES**
- THIS DRAWINGS FOR REBAR PLACEMENT ASSISTANCE ONLY, REFER TO STRUCTURAL DETAILS FOR CONTRACT REQUIREMENTS
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NO.	REVISION	DESCRIPTION	MADE	DATE
			BY	DATE
0	FOR APPROVAL			07-28-22
1				
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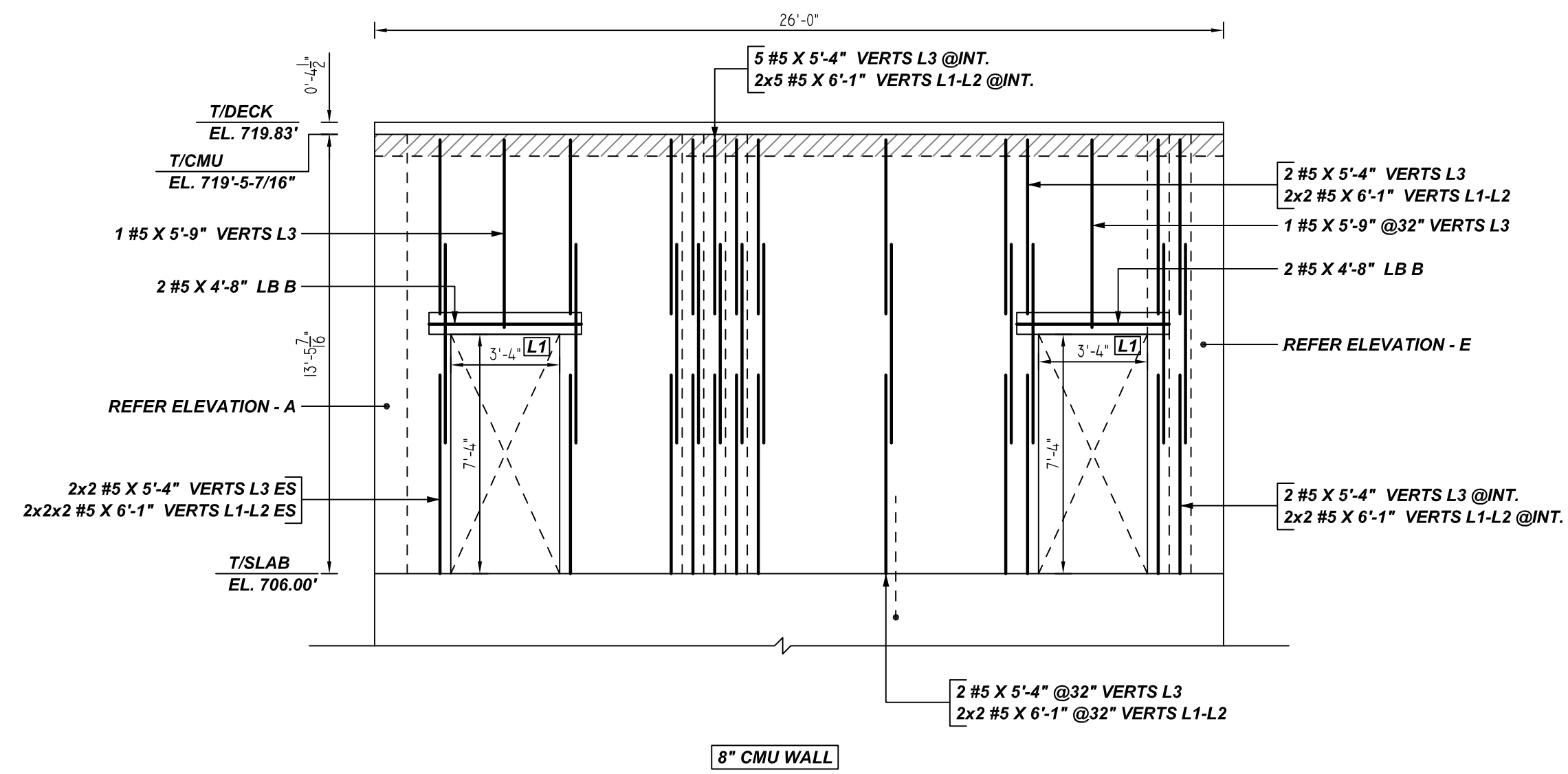
JOB NAME: NORTHWEST BOOSTER PUMP STATION	
JOB NO: 22097	
DETAILS OF: CMU WALL REINFORCEMENT DETAILS	DATE: 07-28-22
DETAILER: SSSTR	DRWG: M04
TEXAS REBAR, LLC 817-487-1672	



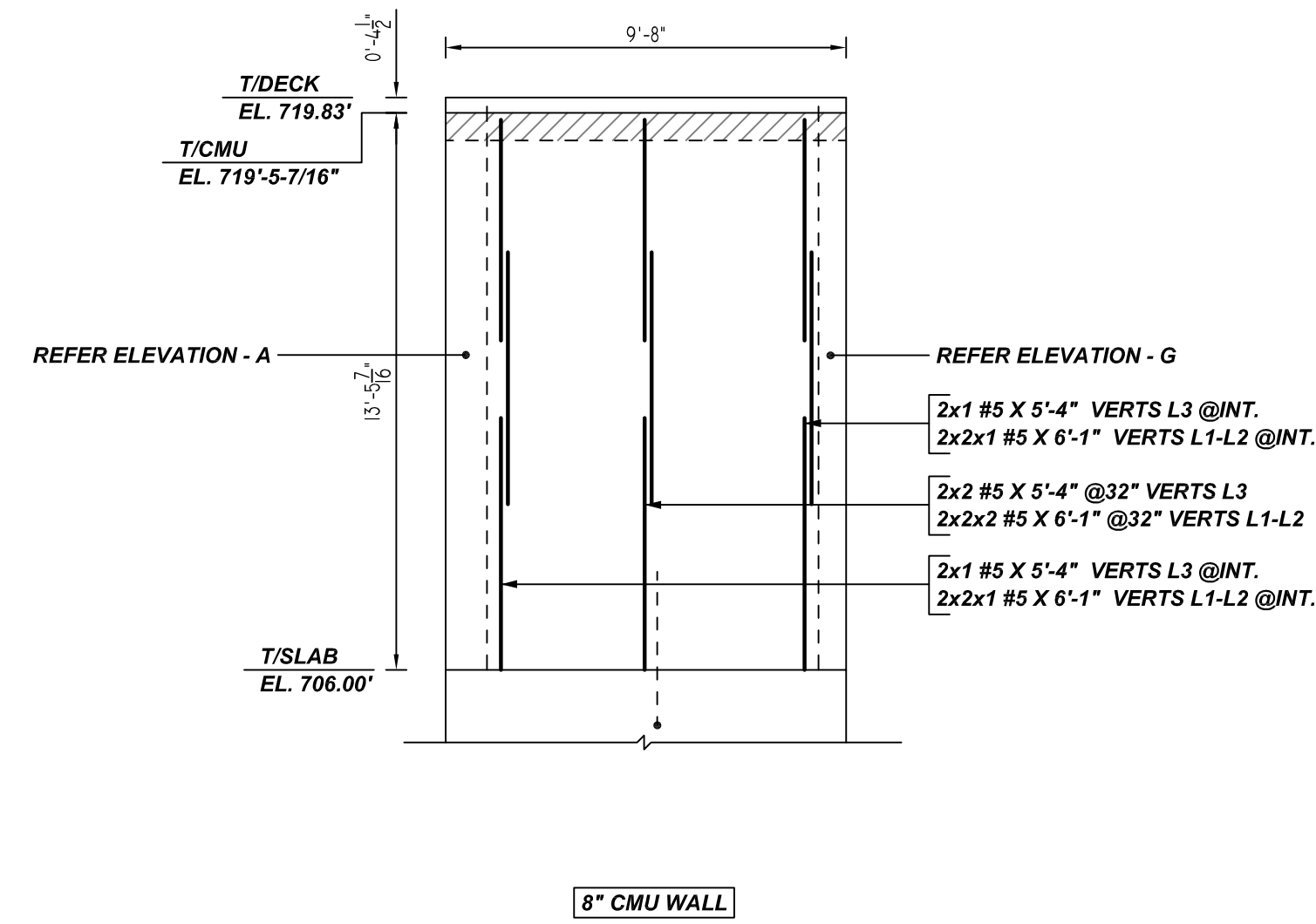
E ELEVATION
REF: S1.04, A1.01
SCALE: 1/4" = 1'-0"



F ELEVATION
REF: S1.04, A1.01
SCALE: 1/4" = 1'-0"



G ELEVATION
REF: S1.04, A1.01
SCALE: 1/4" = 1'-0"



H ELEVATION
REF: S1.04, A1.01
SCALE: 1/4" = 1'-0"
(@2 LOCATIONS)

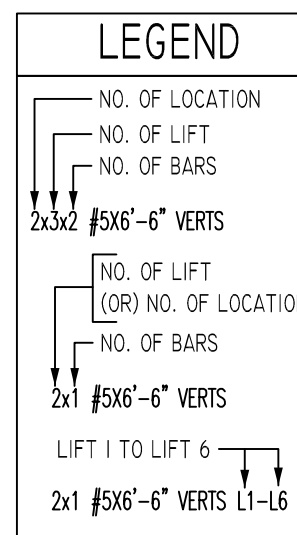
**ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED**

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

LAP SCHEDULE

Per ACI 318 (12.2.2)

BAR#	LENGTHS	
	40 x BAR DIA	
#3	2'-0"	
#4	2'-0"	
#5	2'-1"	
#6	2'-6"	
#7	2'-11"	
#8	3'-4"	
#9	3'-10"	
#10	4'-3"	
#11	4'-9"	



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NO.	REVISION	DESCRIPTION	MADE	DATE
			BY	DATE
0				
1				
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3				
4				

JOB NAME: NORTHWEST BOOSTER PUMP STATION	
JOB NO: 22097	
DETAILS OF: CMU WALL REINFORCEMENT DETAILS	DATE: 07-28-22
DETAILER: SSSTR	DRWG: M05
TEXAS REBAR, LLC 817-487-1672	