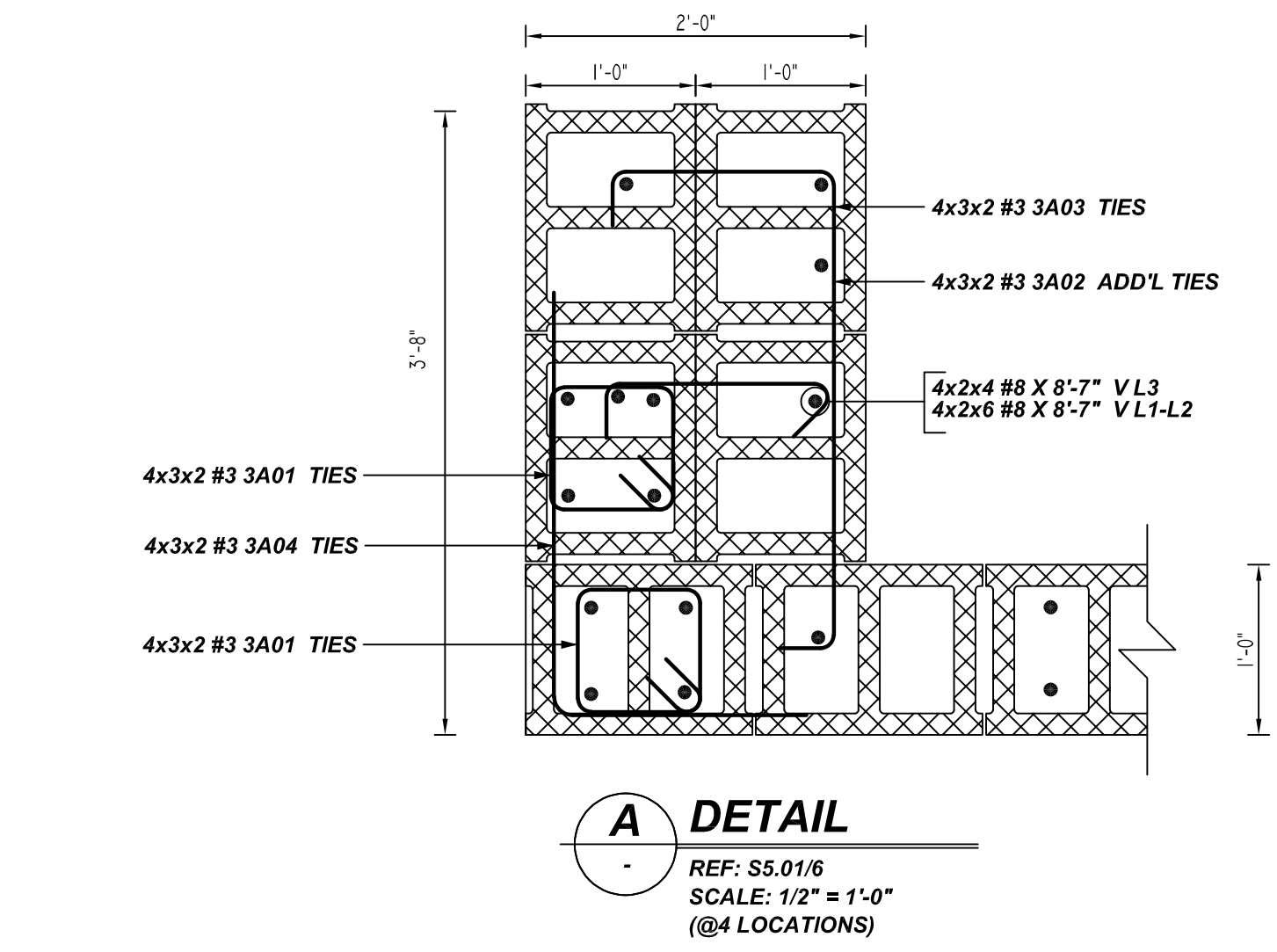
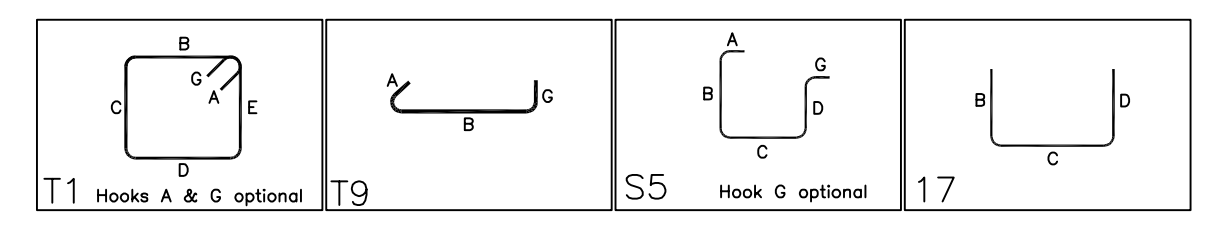


CMU WALL REINFORCEMENT DETAILS
REF: S-1.01, S2.1 & S5.01
SCALE: 1/8" = 1'-0"



Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P
3A01	48	#3	2'-9 3/4"	T1	0'-4 1/2"	0'-3"	0'-3"	0'-3"	0'-3"	0'-4 1/2"					
3A02	24	#3	2'-0 1/2"	T9	0'-4 1/2"	1'-4"									
3A03	24	#3	4'-10"	S5	0'-4"	1'-4"	2'-10"	0'-4"							
3A04	24	#3	4'-0"	T7	2'-6"	1'-6"									
4A01	28	#4	4'-0"	T7	2'-0"	2'-0"									



LAP SCHEDULE
Per ACI 318 (12.2.2)

BAR#	LENGTHS
#3	48 x BAR DIA
#3	1'-6"
#4	2'-0"
#5	2'-6"
#6	3'-0"
#7	3'-6"
#8	4'-0"
#9	4'-7"
#10	5'-1"
#11	5'-8"

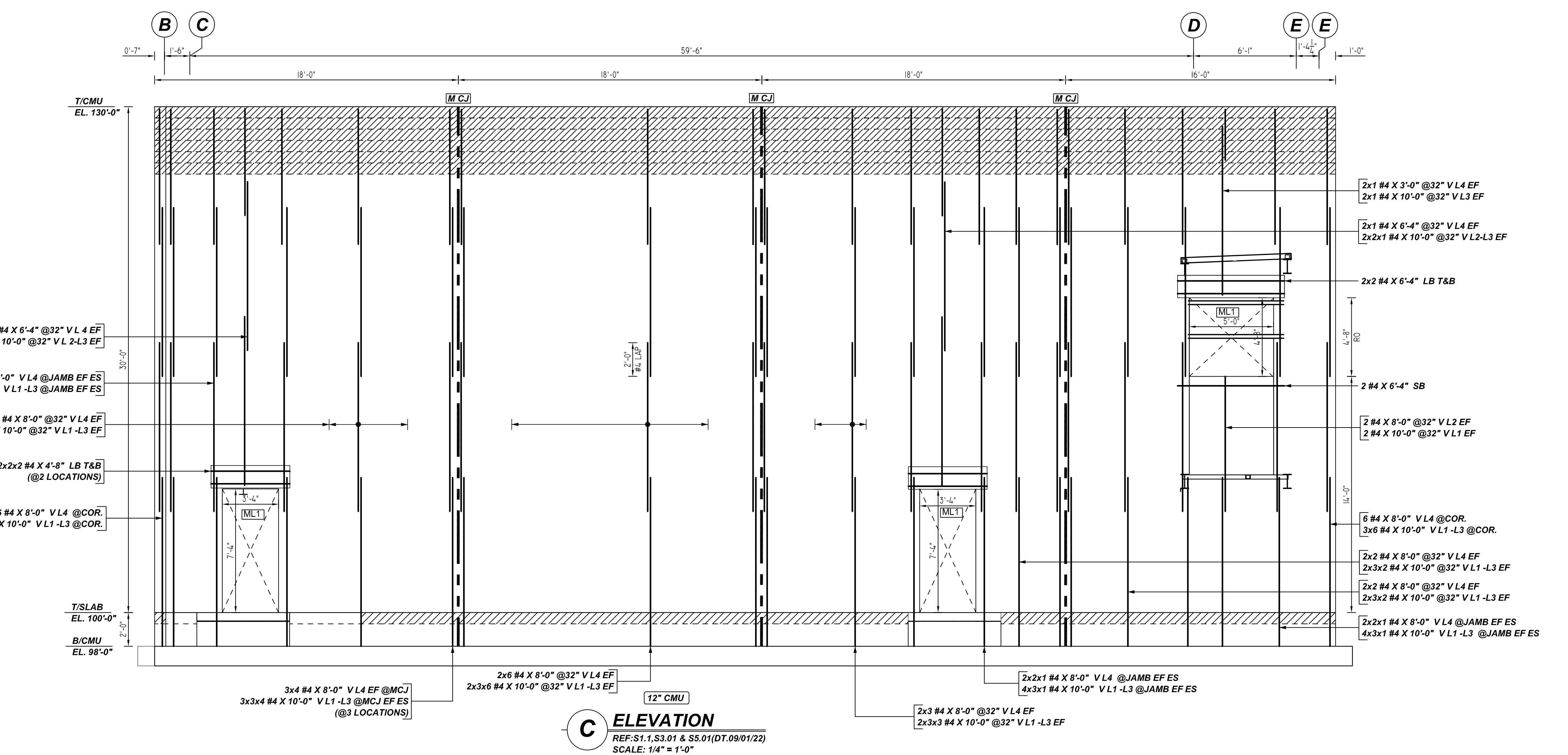
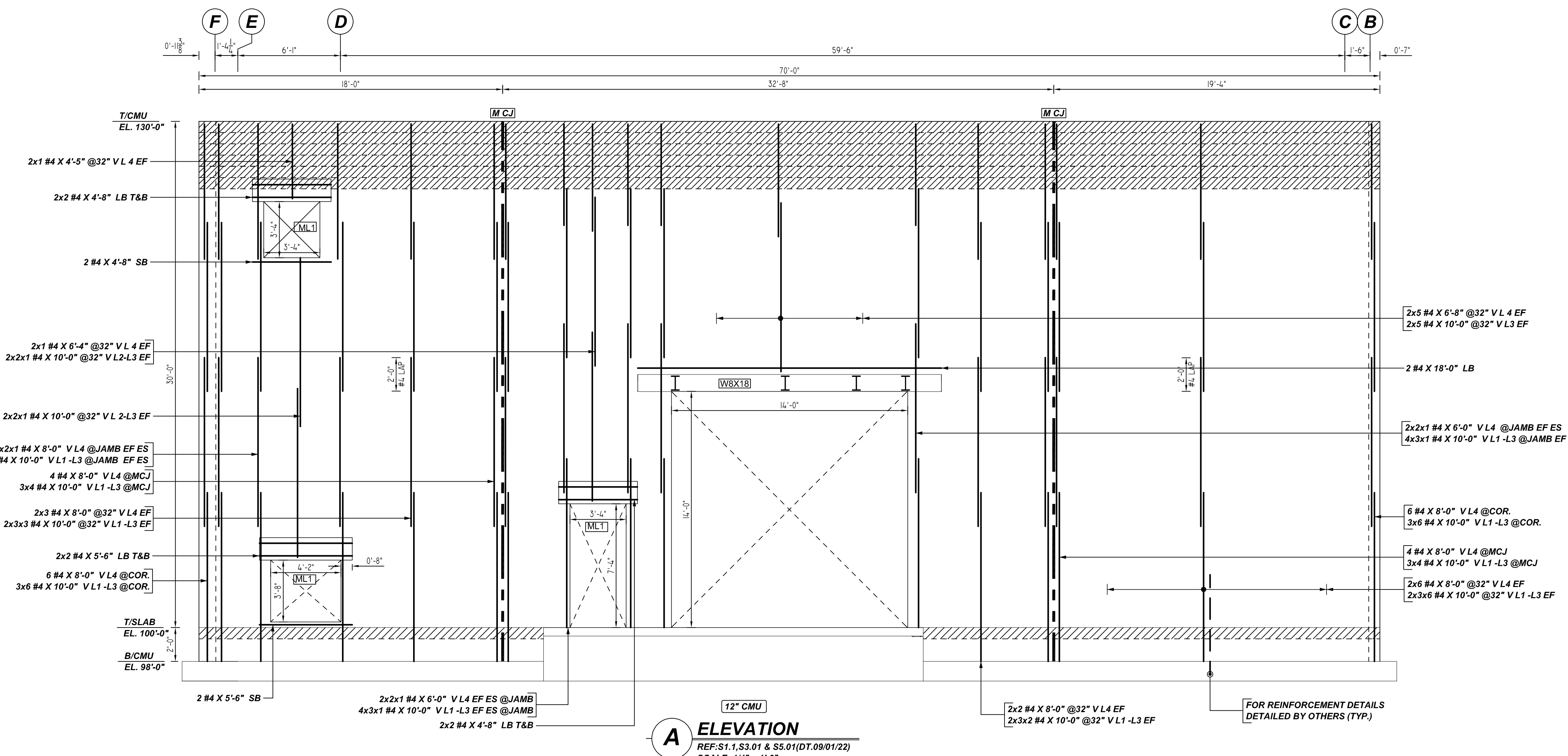
TYPICAL REINFORCING BAR CLEARANCE TABLE

LOCATION	MIN. COVER
CMU TOP & BOTTOM	2" CLR

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

GRADE	A615/60(UNO)		
PREFIX	A		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	09/09/2022	APPROVAL
STRUCTURE	CMU WALL REINFORCEMENT DETAILS		
FLOOR	MAIN LEVEL FLOOR PLAN		
JOB NO.	-		
CUSTOMER	-		
JOB	1053 BETHLEHEM BTU GAS FACILITY		
LOCATION	BETHLEHEM, PA 18015		
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	09/09/2022	-	M01

FOR APPROVAL



LEGEND

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

LAP SCHEDULE
 Per ACI 318 (12.2.2)

BAR#	48 x BAR DIA	LENGTHS
#3	1'-6"	
#4	2'-0"	
#5	2'-6"	
#6	3'-0"	
#7	3'-6"	
#8	4'-0"	
#9	4'-7"	
#10	5'-1"	
#11	5'-8"	

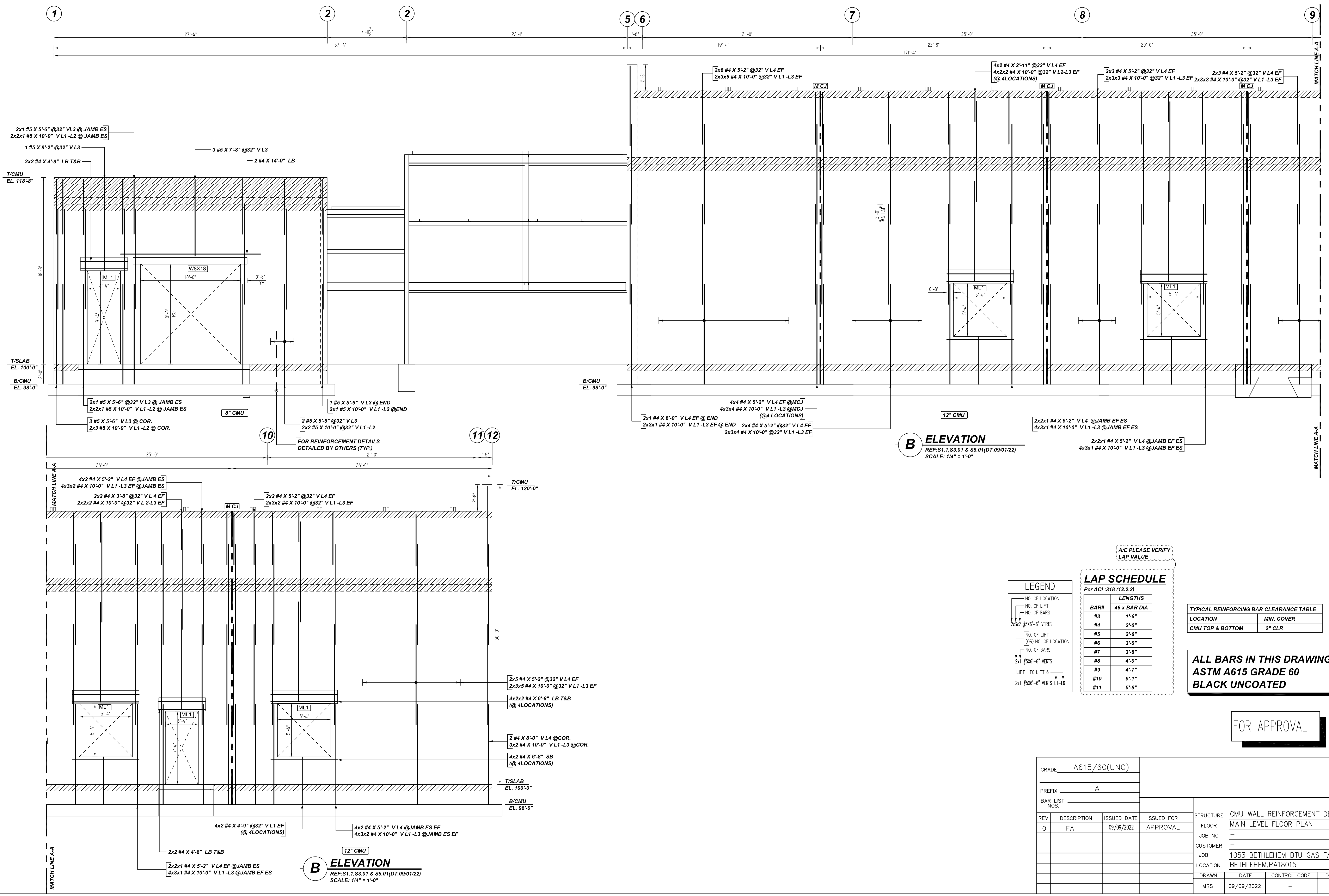
TYPICAL REINFORCING BAR CLEARANCE TABLE

LOCATION	MIN. COVER
CMU TOP & BOTTOM	2" CLR

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

FOR APPROVAL

GRADE	A615/60(UNO)		
PREFIX	A		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	09/09/2022	APPROVAL
STRUCTURE	CMU WALL REINFORCEMENT DETAILS		
FLOOR	MAIN LEVEL FLOOR PLAN		
JOB NO	-		
CUSTOMER	-		
JOB	1053 BETHLEHEM BTU GAS FACILITY		
LOCATION	BETHLEHEM, PA 18015		
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	09/09/2022	-	M02



B ELEVATION
 REF: S1.1, S3.01 & S5.01 (DT.09/01/22)
 SCALE: 1/4" = 1'-0"

B ELEVATION
 REF: S1.1, S3.01 & S5.01 (DT.09/01/22)
 SCALE: 1/4" = 1'-0"

A/E PLEASE VERIFY LAP VALUE

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

LAP SCHEDULE	
Per ACI 318 (12.2.2)	
BAR#	LENGTHS
#3	1'-6"
#4	2'-0"
#5	2'-6"
#6	3'-0"
#7	3'-6"
#8	4'-0"
#9	4'-7"
#10	5'-1"
#11	5'-8"

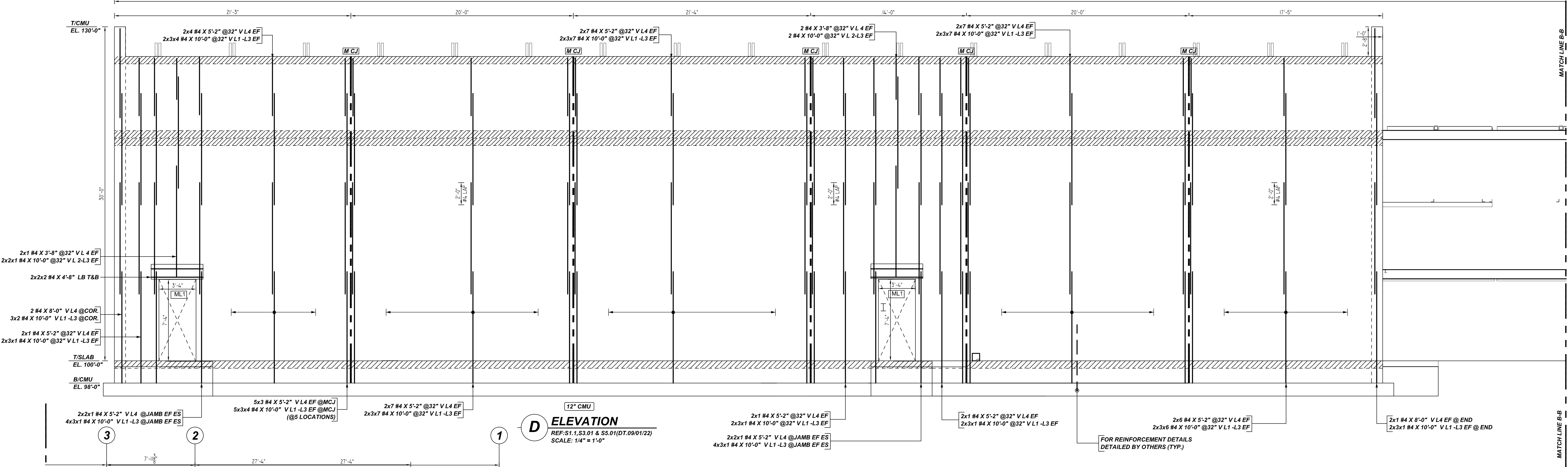
TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
CMU TOP & BOTTOM	2" CLR

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

FOR APPROVAL

GRADE	A615/60(UNO)		
PREFIX	A		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	09/09/2022	APPROVAL
STRUCTURE	CMU WALL REINFORCEMENT DETAILS		
FLOOR	MAIN LEVEL FLOOR PLAN		
JOB NO.	-		
CUSTOMER	-		
JOB	1053 BETHLEHEM BTU GAS FACILITY		
LOCATION	BETHLEHEM, PA18015		
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	09/09/2022	-	M03

12 11 10 9 8 7 5 6



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
 Per ACI 318 (12.2.2)

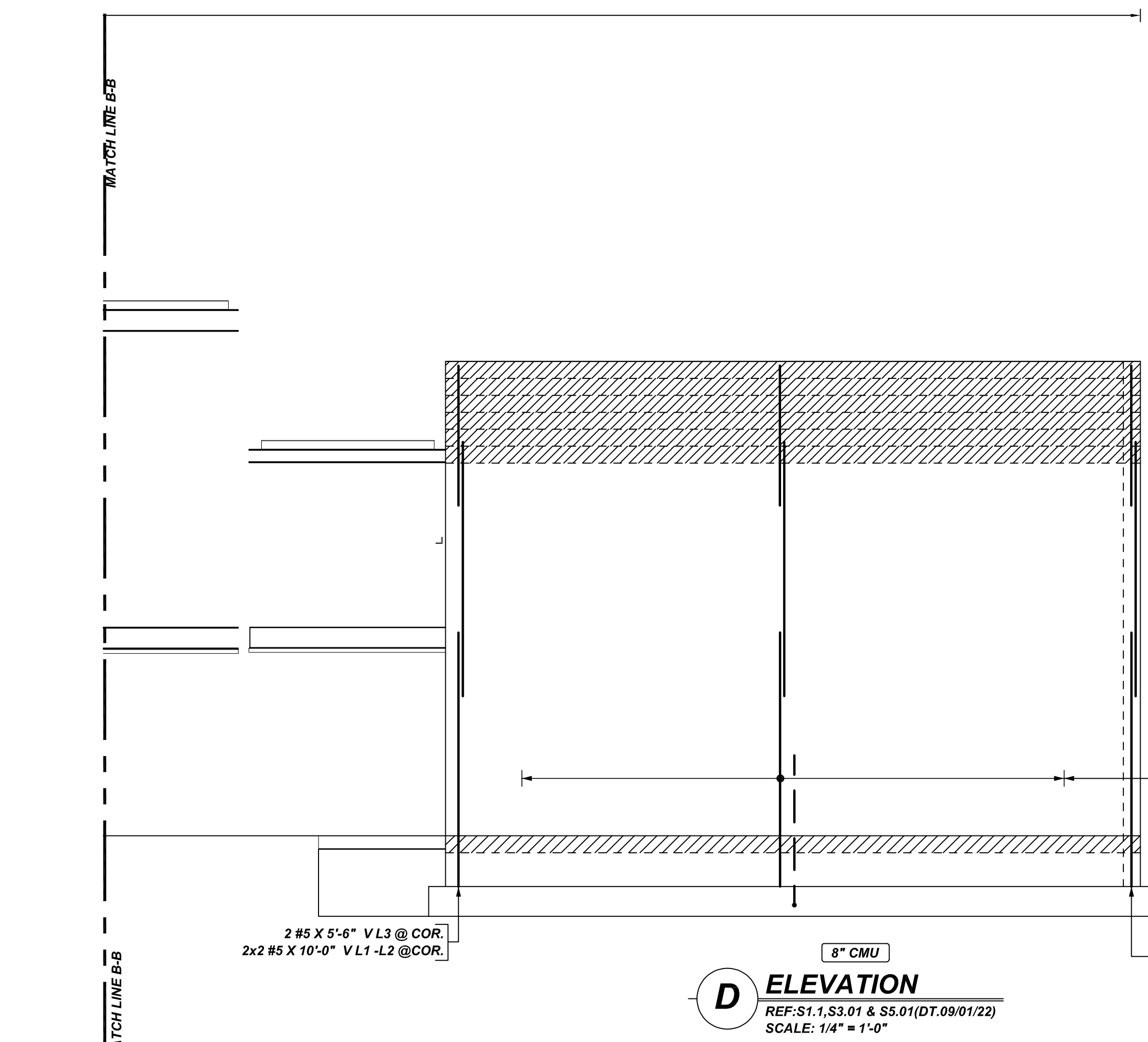
BAR#	48 x BAR DIA	LENGTHS
#3	1'-6"	
#4	2'-0"	
#5	2'-6"	
#6	3'-0"	
#7	3'-6"	
#8	4'-0"	
#9	4'-7"	
#10	5'-1"	
#11	5'-8"	

TYPICAL REINFORCING BAR CLEARANCE TABLE

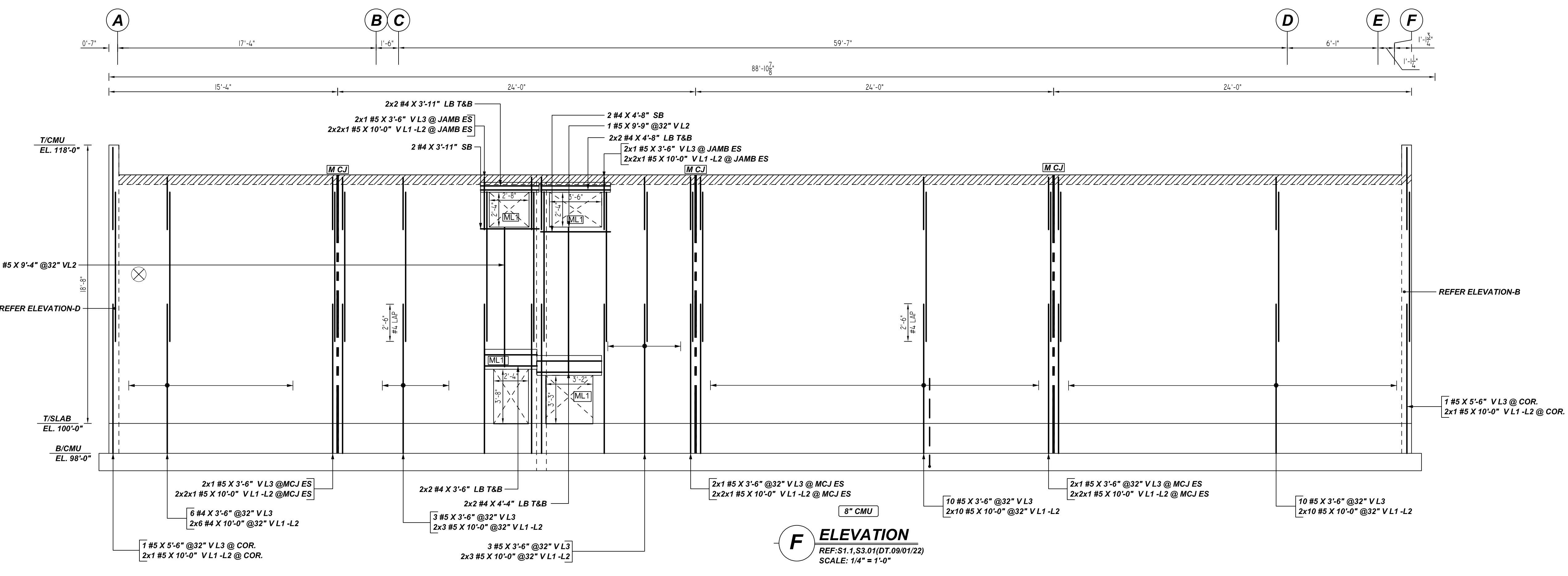
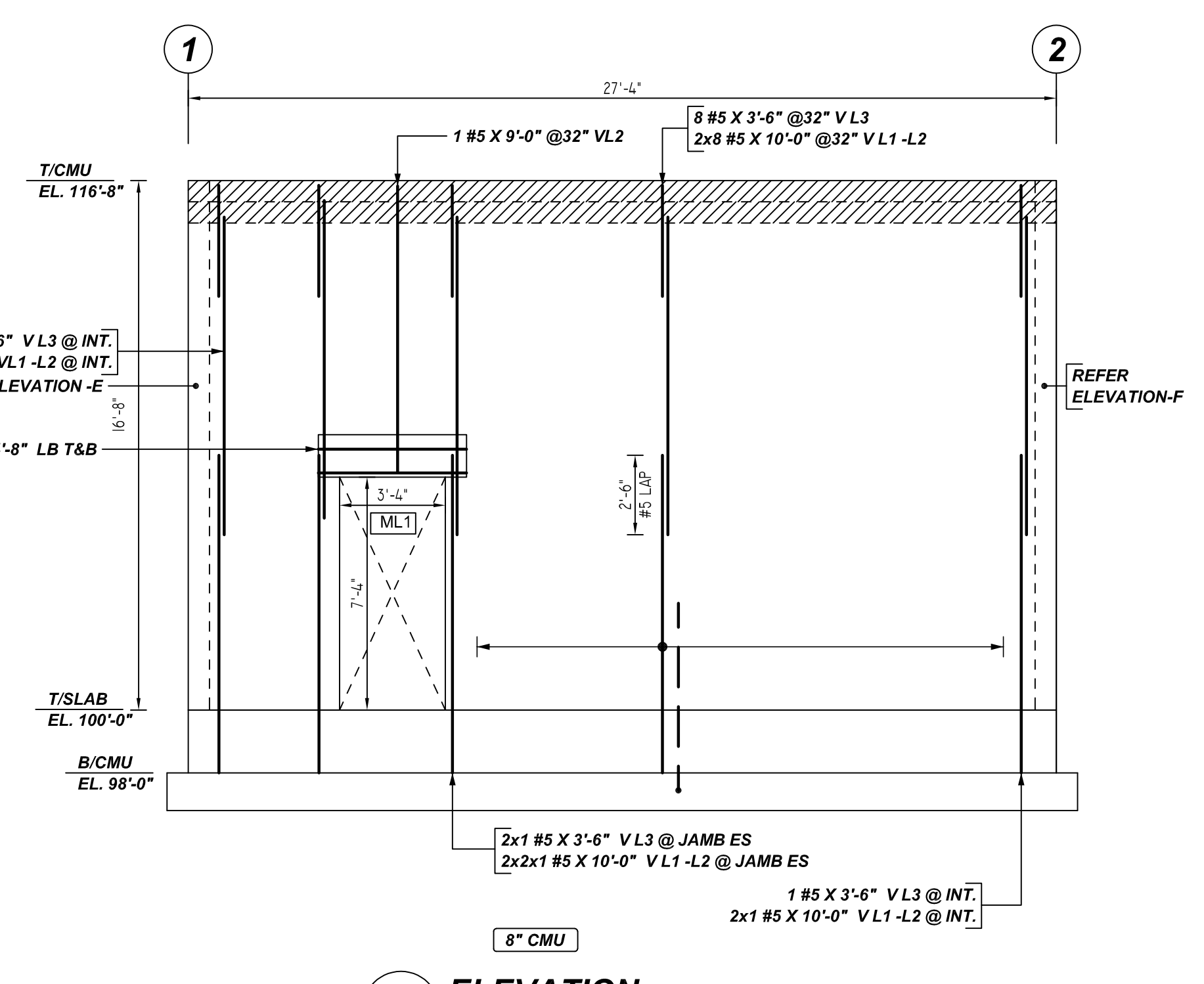
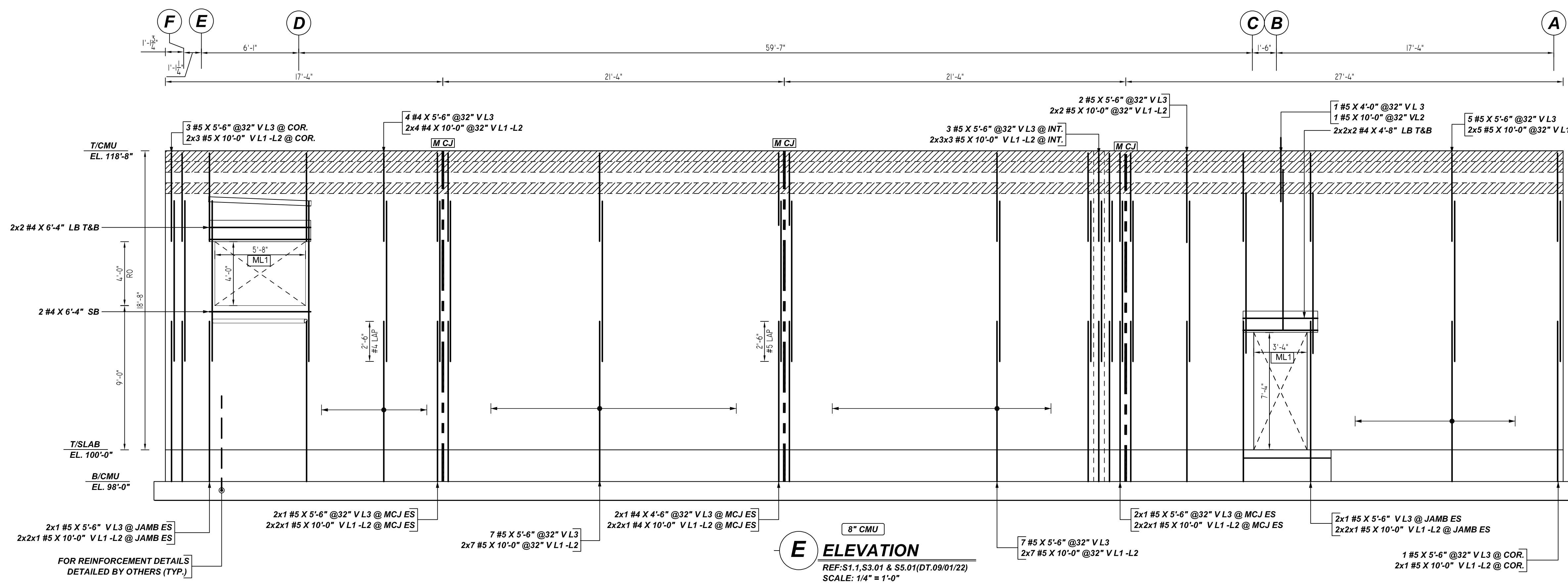
LOCATION	MIN. COVER
CMU TOP & BOTTOM	2" CLR

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

FOR APPROVAL



GRADE	A615/60(UNO)		
PREFIX	A		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	09/09/2022	APPROVAL
STRUCTURE	CMU WALL REINFORCEMENT DETAILS		
FLOOR	MAIN LEVEL FLOOR PLAN		
JOB NO	-		
CUSTOMER	-		
JOB	1053 BETHLEHEM BTU GAS FACILITY		
LOCATION	BETHLEHEM, PA18015		
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	09/09/2022	-	M04



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

LAP SCHEDULE
 Per ACI 318 (12.2.2)

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

TYPICAL REINFORCING BAR CLEARANCE TABLE

LOCATION	MIN. COVER
CMU TOP & BOTTOM	2" CLR

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

FOR APPROVAL

GRADE	A615/60(UNO)		
PREFIX	A		
BAR LIST NOS.			
REV	DESCRIPTION	ISSUED DATE	ISSUED FOR
0	IFA	09/09/2022	APPROVAL
STRUCTURE	CMU WALL REINFORCEMENT DETAILS		
FLOOR	MAIN LEVEL FLOOR PLAN		
JOB NO.	-		
CUSTOMER	-		
JOB	1053 BETHLEHEM BTU GAS FACILITY		
LOCATION	BETHLEHEM, PA18015		
DRAWN	DATE	CONTROL CODE	DWG. NO.
MRS	09/09/2022	-	M05