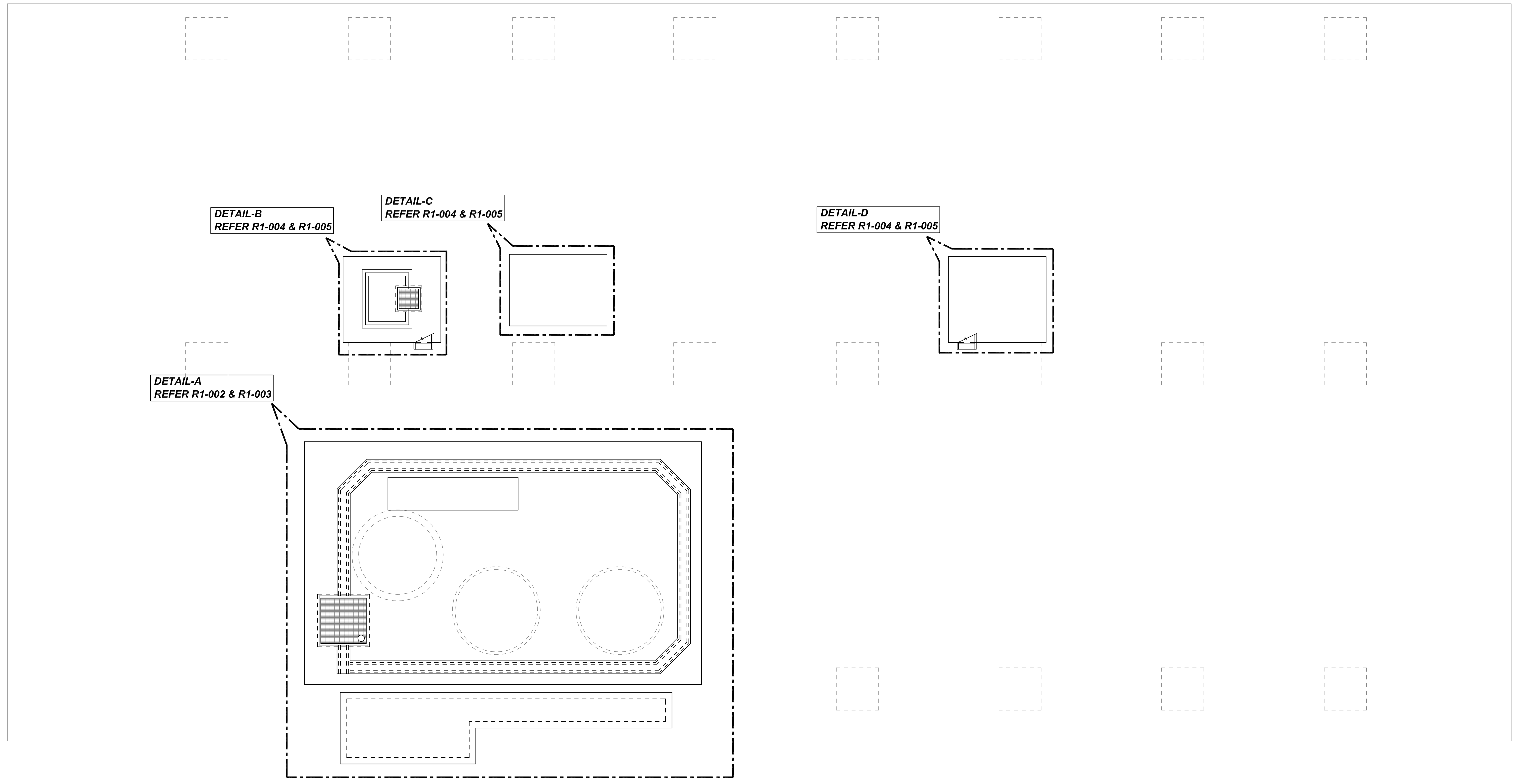
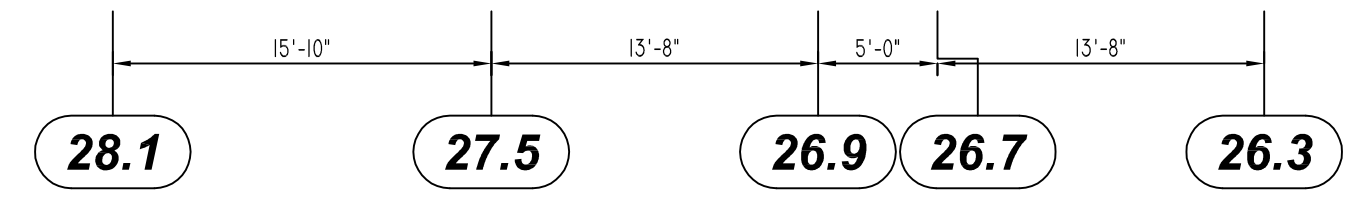
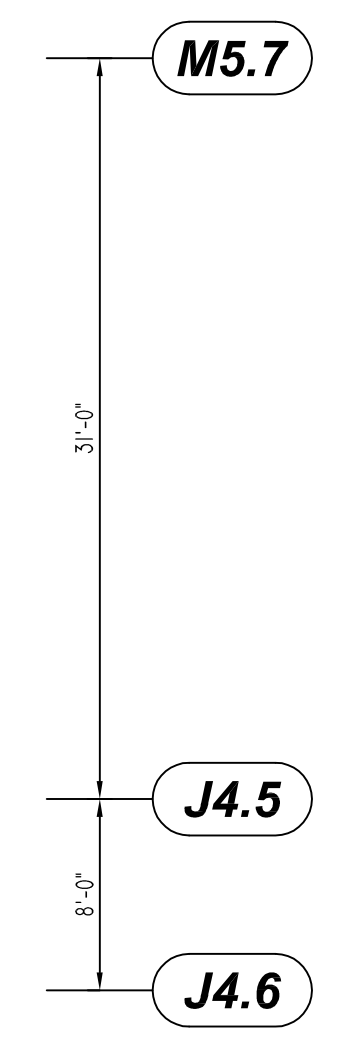
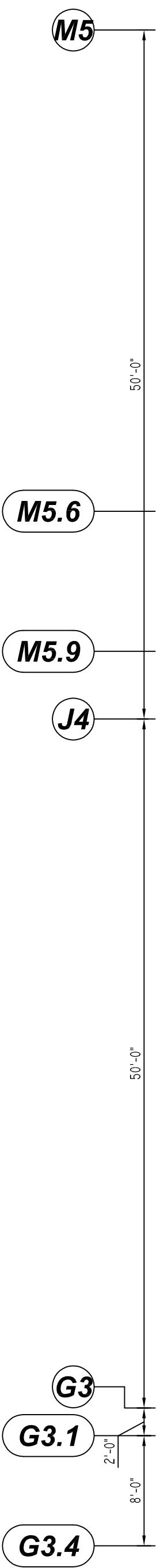
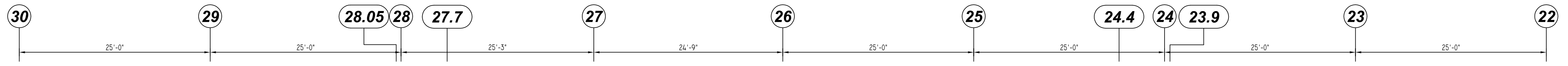


REBAR GRADE  
 ASTM A615 GRADE 60  
 PREFIX: A

DATE	07/19/2022
DRAWING STATUS	FOR APPROVAL
REVISION	REVISED & RE-SUBMITTED
FOR CONSTRUCTION	PER CUSTOMER'S REQUEST

TITLE	FOUNDATION PLAN LAYOUT
PROJECT	NEPHI ENVIRONMENTAL
LOCATION	NU NEPHI UT
CUSTOMER	-
DRAWN BY	GBI
DATE	07/19/2022
CHKD BY	MET

JOB #	77848
DWG #	R-001



- PLACING PLAN NOTES:**
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  - THE CONTRACTOR(S) UNDERSTANDS THAT THE ENGINEER SHOULD ALWAYS VERIFY SHOP DRAWINGS. IF TIME DOES NOT ALLOW FOR APPROVALS, P.T.S 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.
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  - LAPS OR EMBEDMENT LENGTHS SHOWN IN SPECIFIC DETAILS WILL SUPERSEDE LAPS IN THE LAP SCHEDULE.
  - MILL CERTIFICATIONS ARE REQUIRED FOR ALL SHIPMENTS. IF BARS CANNOT BE IDENTIFIED, SPECIAL TESTING MAY BE DONE WITH SAMPLES CUT FROM SHIPMENT.
  - VERIFY PLACEMENT DRAWINGS TO LATEST ISSUE OF JOB RECORD DRAWINGS FOR POSSIBLE REVISIONS OR FIELD CHANGES.
  - TYPICAL NOTES & DETAILS ARE USED THROUGHOUT ENTIRE PROJECT & APPLY UNLESS NOTED OTHERWISE.

**FOUNDATION PLAN LAYOUT**  
 REF-P203870  
 SCALE: 1/8" = 1'-0"



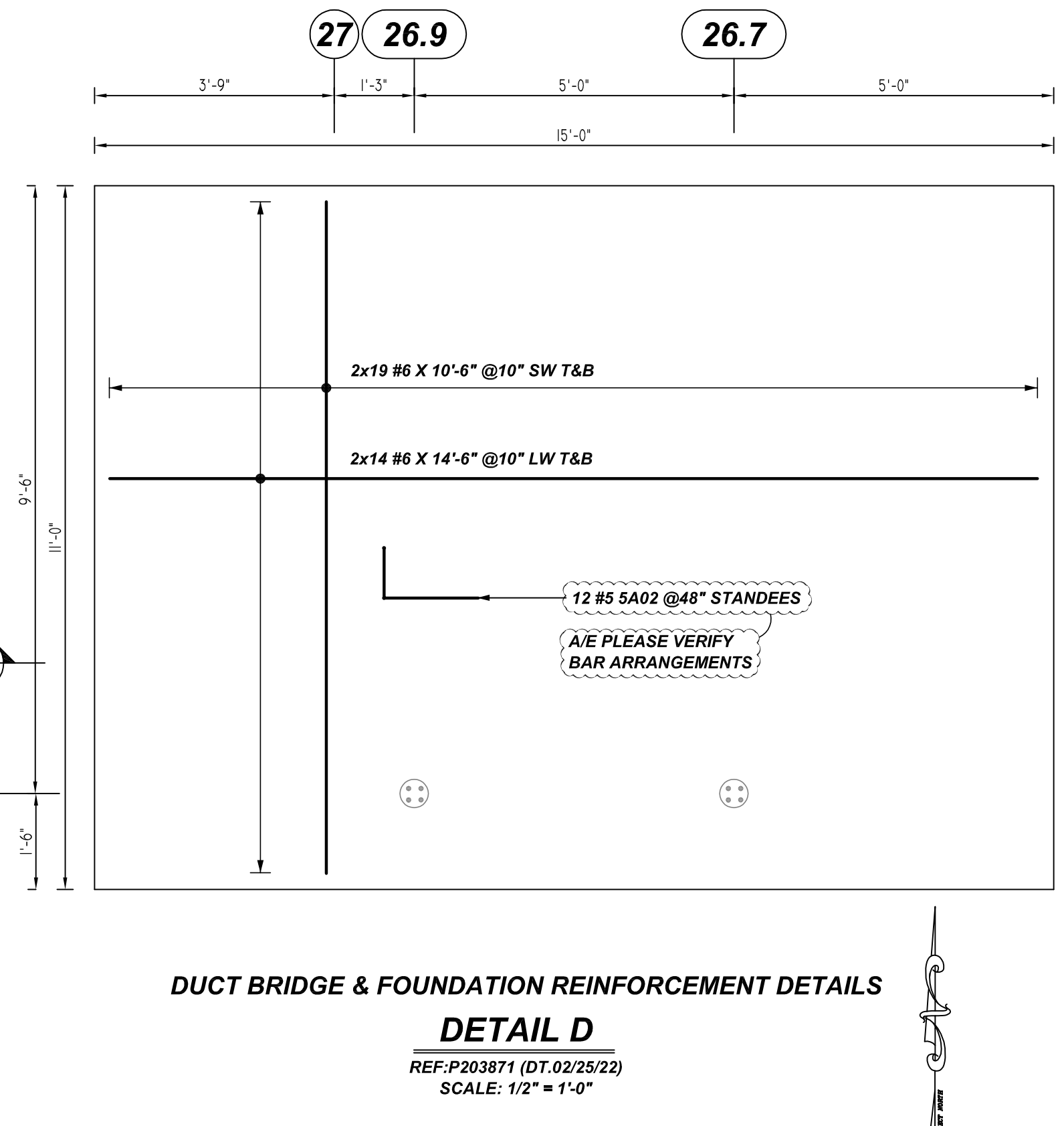
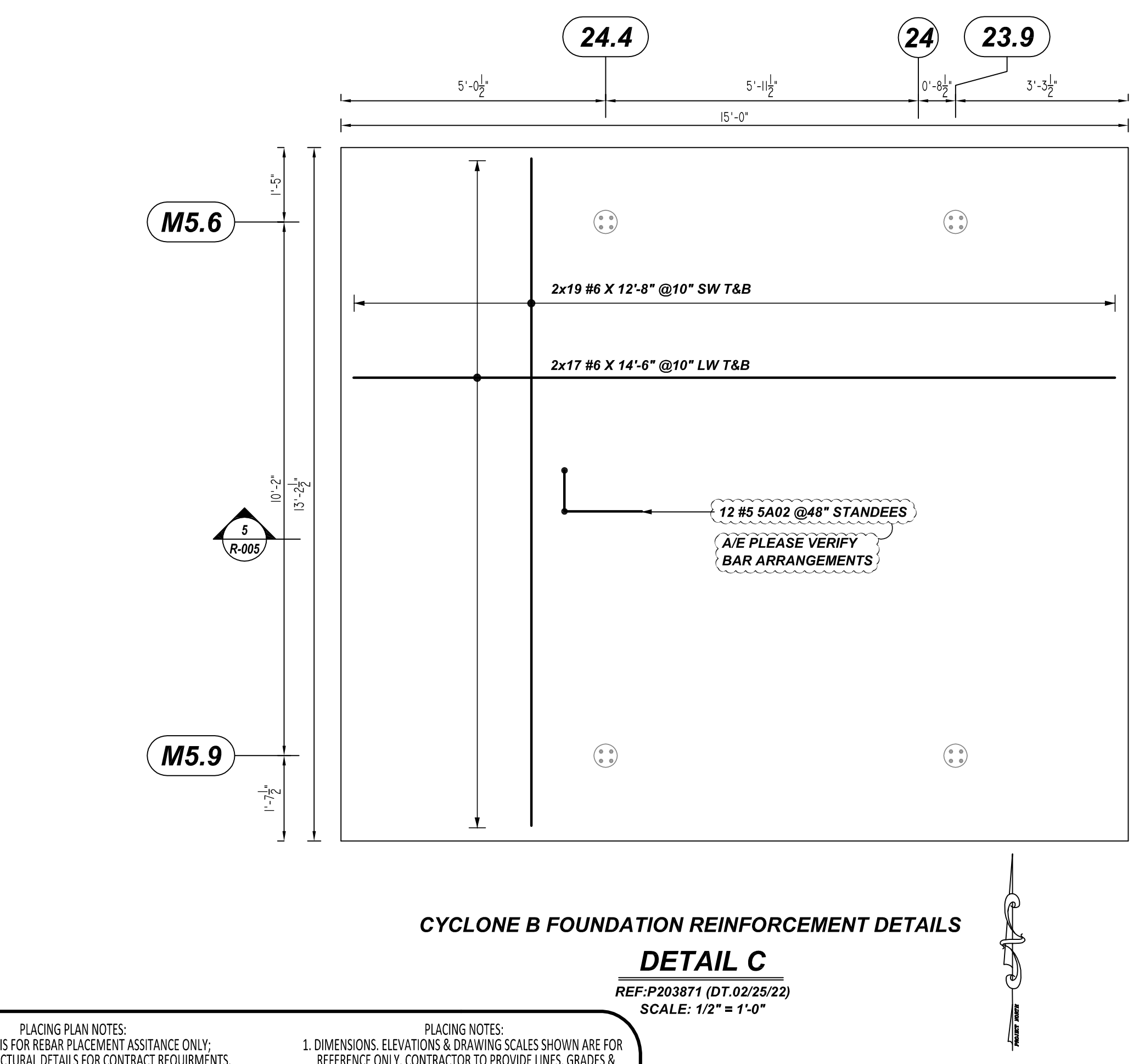
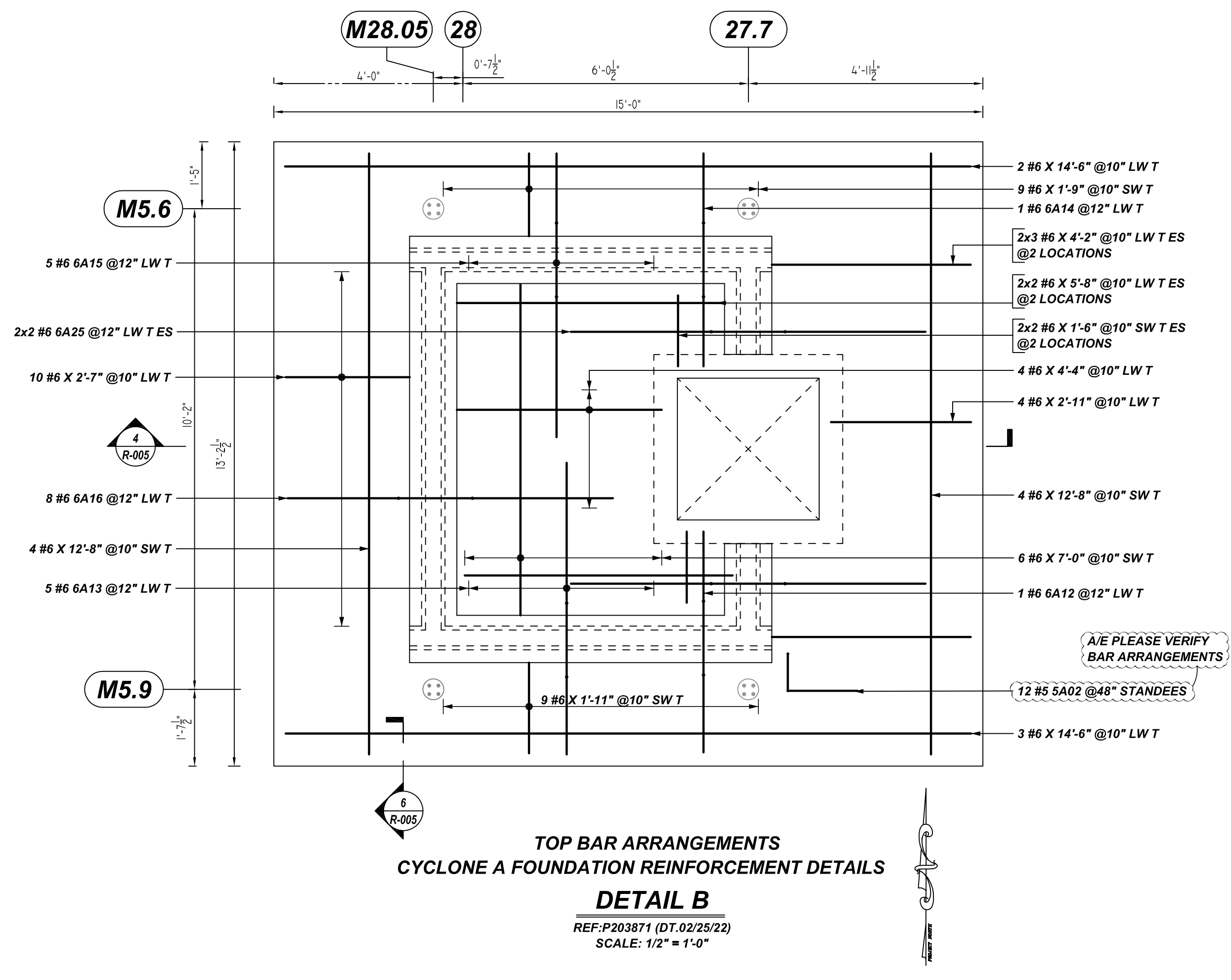
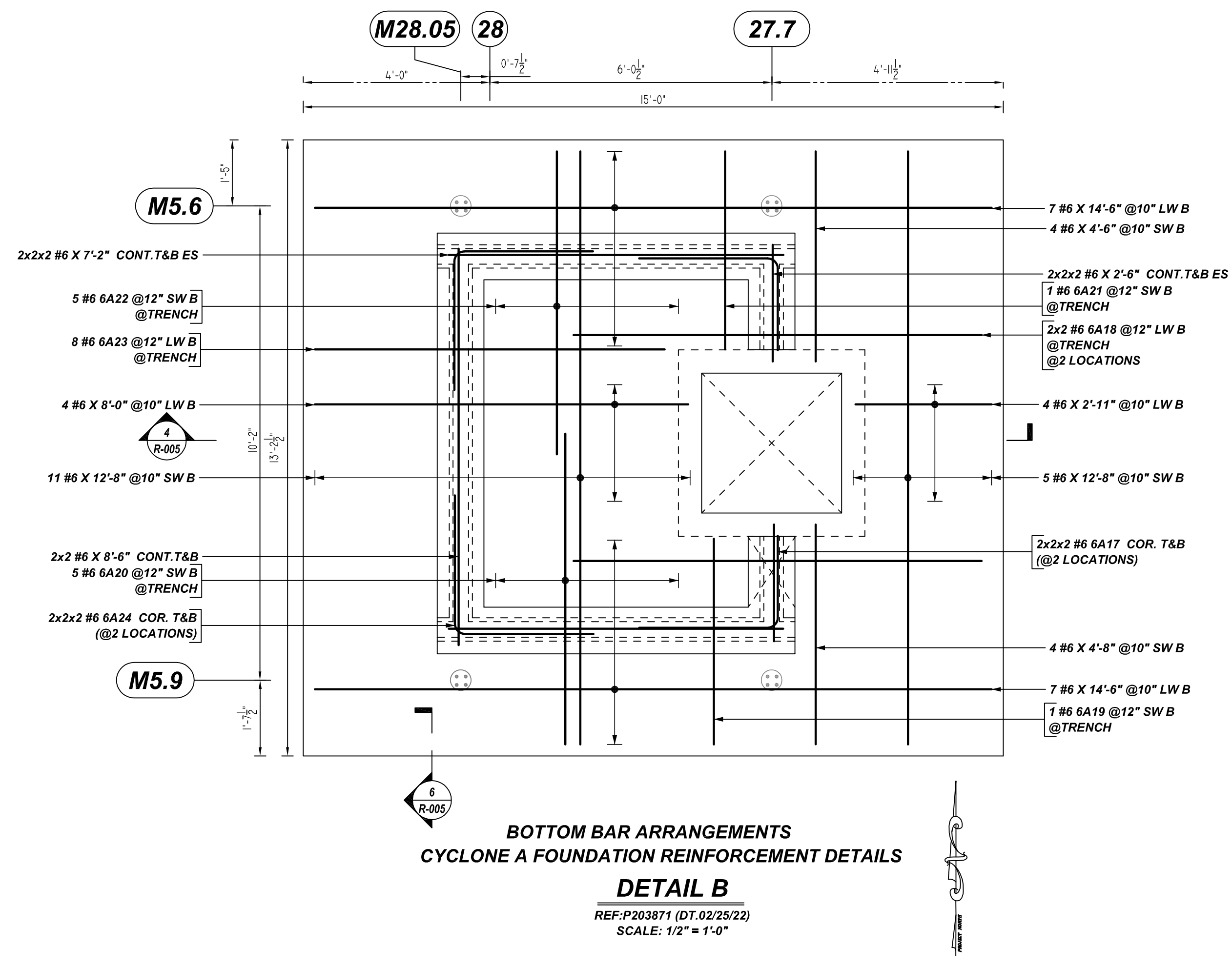




DATE	07/19/2022
DRAWING STATUS	FOR APPROVAL REVISED & RE-SUBMITTED REVISION FOR CONSTRUCTION PER CUSTOMER'S REQUEST

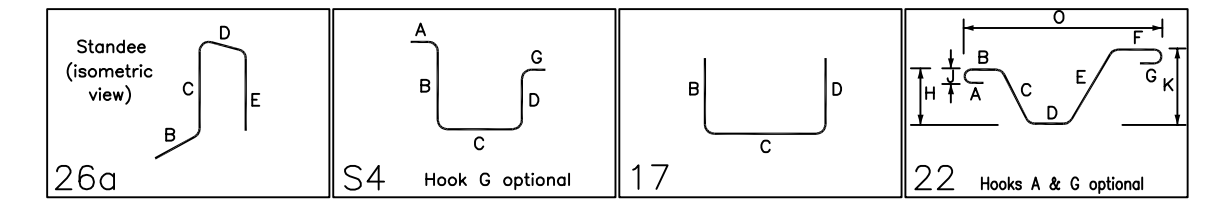
TITLE	MAT FOUNDATION REINFORCEMENT DETAILS
PROJECT	NEPHI ENVIRONMENTAL
LOCATION	NU NEPHI UT
CUSTOMER	-
DRAWN BY	GBI
DATE	07/19/2022
CHKD BY	MET

JOB#	77848
DWG#	R-004



Release Number: R-004

Bar Mark	Qty	Size	Total Length	Type	X'	Y'	X''	Y''	X'''	Y'''	X''''	Y''''	X'''''	Y'''''
5A02	12	#5	4'-0"	ST	1'-0"	0'-0"	0'-10"	0'-10"						
6A12	1	#6	8'-11"	SA	1'-8"	1'-1"	1'-7"	1'-1"						
6A13	5	#6	8'-3"	SA	1'-8"	1'-0"	1'-7"	1'-0"						
6A14	1	#6	8'-7"	SA	1'-6"	1'-0"	1'-7"	1'-0"						
6A15	5	#6	8'-1"	SA	1'-6"	1'-0"	1'-7"	1'-0"						
6A16	8	#6	9'-0"	SA	2'-4"	1'-0"	1'-7"	1'-0"						
6A17	8	#6	5'-0"	ST	3'-0"	3'-0"								
6A18	4	#6	9'-4"	Z2	3'-0"	1'-5"	0'-9"	0'-9"	1'-5"	3'-0"		1'-0"	1'-0"	8'-8"
6A19	1	#6	5'-4"	Z2	0'-9"	1'-5"	0'-9"	0'-9"	1'-5"	0'-11"		1'-0"	1'-0"	4'-4"
6A20	5	#6	7'-7"	Z2	3'-0"	1'-5"	0'-9"	0'-9"	1'-5"	0'-11"		1'-0"	1'-0"	6'-7"
6A21	1	#6	5'-2"	Z2	0'-9"	1'-5"	0'-9"	0'-9"	1'-5"	0'-9"		1'-0"	1'-0"	4'-2"
6A22	5	#6	7'-0"	Z2	0'-9"	1'-5"	0'-9"	0'-9"	1'-5"	3'-0"		1'-0"	1'-0"	6'-5"
6A23	8	#6	8'-5"	Z2	1'-9"	1'-5"	0'-9"	0'-9"	1'-5"	3'-0"		1'-0"	1'-0"	7'-5"
6A24	8	#6	6'-4"	ST	3'-0"	3'-0"								
6A25	4	#6	9'-7"	SA	3'-0"	1'-0"	1'-7"	1'-0"						



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

**TYPICAL REINFORCING BAR CLEARANCE TABLE**

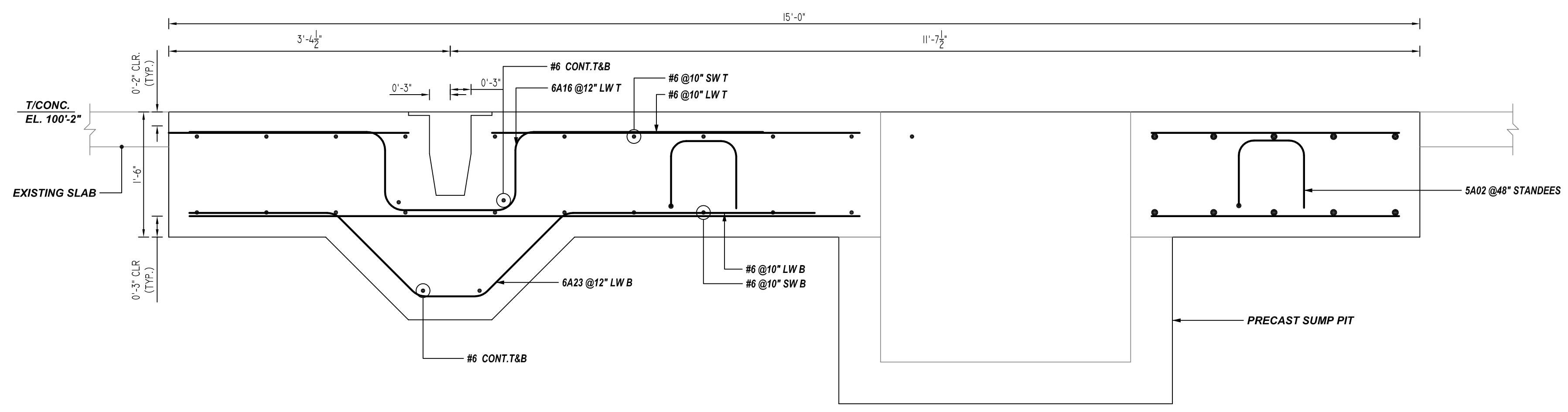
LOCATION	MIN. COVER
MAT BOTTOM & EDGE	3" CLR
MAT TOP	2" CLR

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

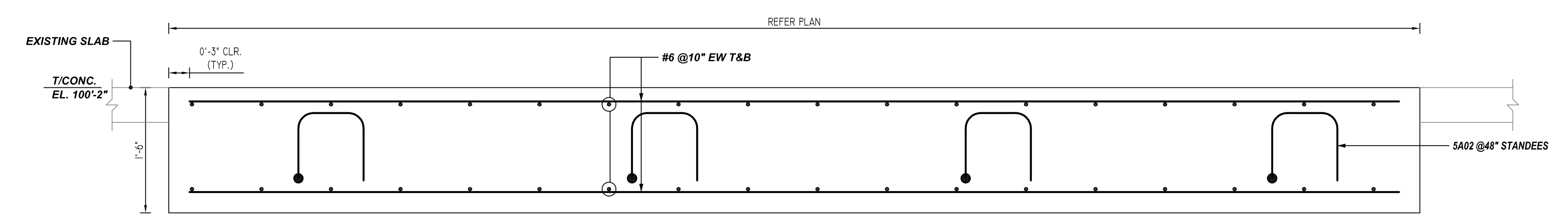
**PLACING PLAN NOTES:**  
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3. REINFORCING STEEL IS DETAILED PER CONTRACT DOCUMENTS ONLY AS SHOWN. CODE COMPLIANCE REQUIREMENTS ARE THE RESPONSIBILITY OF ENGINEER AND/OR CONTRACTOR.  
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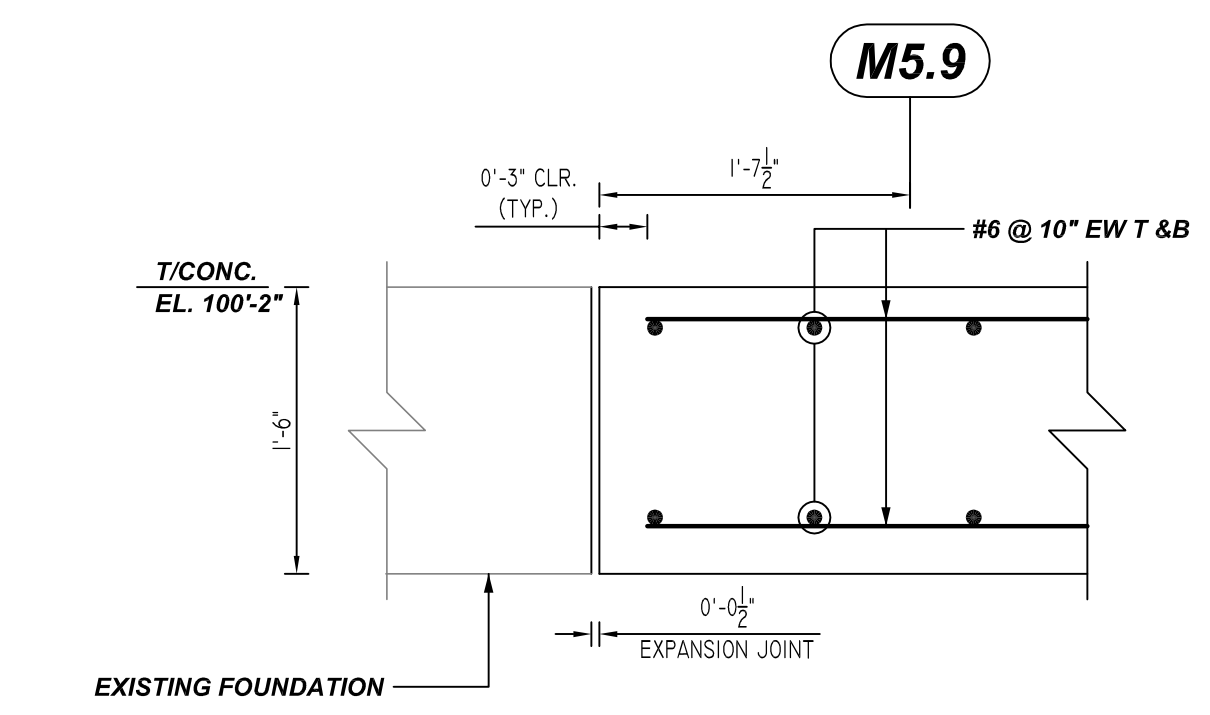
REBAR GRADE  
 ASTM A615 GRADE 60  
 PREFIX: A



**4 SECTION**  
 REF: A/P203871  
 SCALE: 1" = 1'-0"



**5 SECTION**  
 REF: C/P203871  
 SCALE: 1" = 1'-0"



**6 SECTION**  
 REF: B/P203871  
 SCALE: 1" = 1'-0"

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

LOCATION	MIN. COVER
MAT BOTTOM & EDGE	3" CLR
MAT TOP	2" CLR

**LAP SCHEDULE**

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

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TITLE: MAT FOUNDATION REINFORCEMENT DETAILS  
 PROJECT: NEPHI ENVIRONMENTAL  
 LOCATION: NU NEPHI UT  
 CUSTOMER: -  
 DRAWN BY: GBI DATE: 07/19/2022 CHKD BY: MET

JOB # 77848  
 DWG # R-005

DRAWING STATUS	DATE
FOR APPROVAL	07/19/2022
REVISED & RE-SUBMITTED	
REVISION	
FOR CONSTRUCTION	
PER CUSTOMER'S REQUEST	