

RESERVOIR TANK FOUNDATION REINFORCEMENT DETAILS
 SCALE: 1/8"=1'-0"
 REF: I/S-B3

DETAIL-A
FOUNDATION REINFORCEMENT DETAILS
 SCALE: 1/8"=1'-0"
 REF: I/S-B3 & S-B10

ABBREVIATIONS	
TOP	-
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
FACE BAR	-
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HOR
STIRRUPS	STIRR
EACH WAY	EW
EACH FACE	EF
INNER FACE	IF
OUTER FACE	OF
EACH SIDE	ES
MASONRY	M
DOWEL	DWL
DOWEL/VERTICAL	D/V
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW

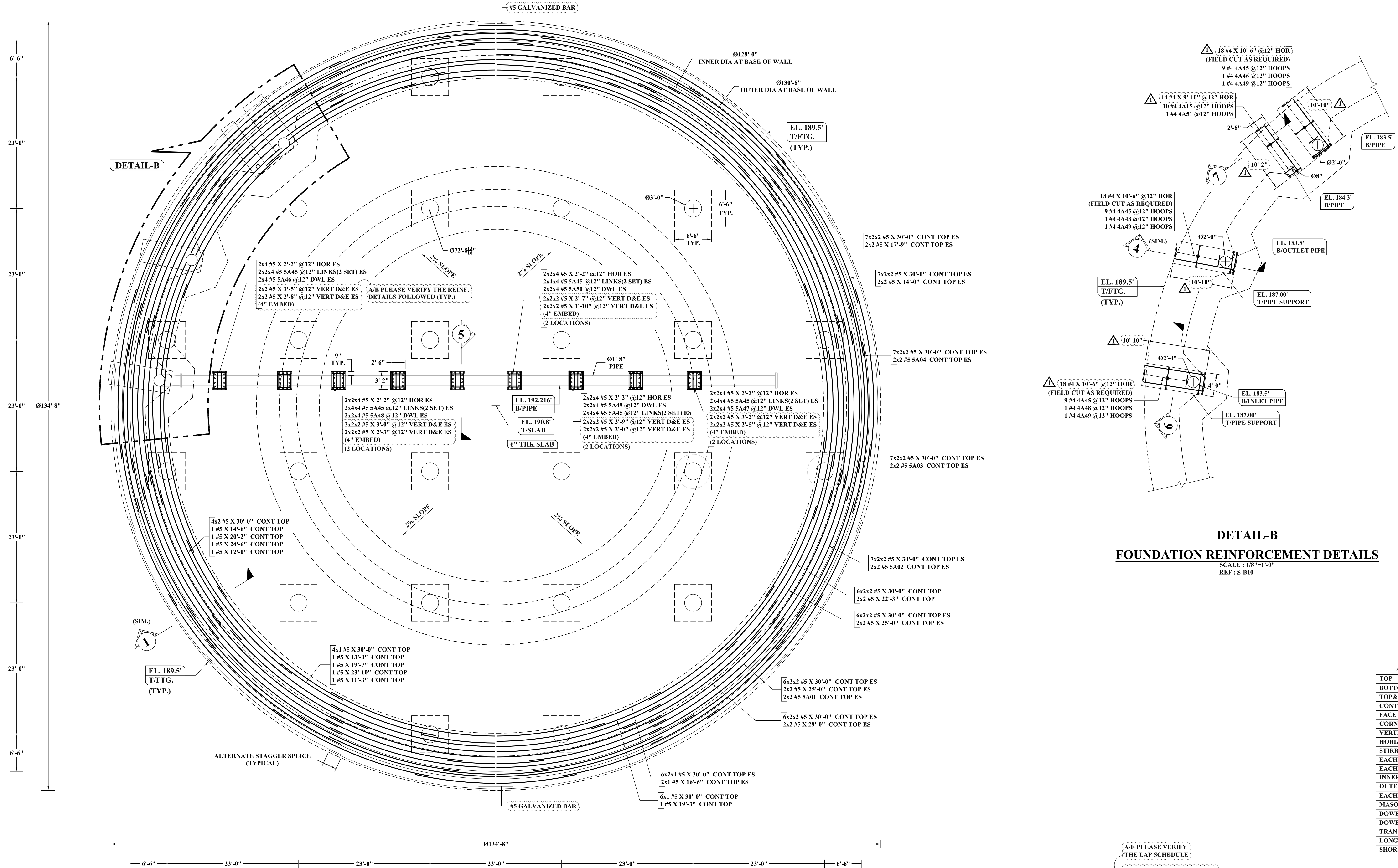
A/E PLEASE VERIFY THE LAP SCHEDULE

SIZE	4500 PSI	
	TOP	OTHER
#3	23"	18"
#4	31"	24"
#5	38"	29"
#6	46"	35"
#7	67"	51"
#8	76"	59"
#9	85"	66"

- NOTES:-**
- TYPICAL CLEARANCES
 - A). TOP - 2"
 - B). BOTTOM - 3"
 - C). SIDES - 3"
 - A/E PLEASE VERIFY THE ALL CLOUDED ITEMS
 - PROVIDE FIELD CUT AS REQUIRED LOCATIONS
 - BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED

NOTE: REINFORCING STEEL PLACING DRAWINGS TO BE USED ONLY IN CONJUNCTION WITH CONTRACT DRAWINGS AND SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR VERIFICATION BY THE EOR OR FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY THE ARCHITECT, ENGINEER OF RECORD, OR CONTRACTOR.



6'-6"
23'-0"
23'-0"
23'-0"
23'-0"
23'-0"
23'-0"
6'-6"

DETAIL-B

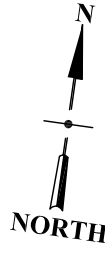
DETAIL-B

FOUNDATION REINFORCEMENT DETAILS

SCALE: 1/8"=1'-0"
REF: S-B10

RESERVOIR TANK FOUNDATION REINFORCEMENT DETAILS

SCALE: 1/8"=1'-0"
REF: S-B3



ABBREVIATIONS	
TOP	-
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
FACE BAR	-
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HOR
STIRRUPS	STIRR
EACH WAY	EW
EACH FACE	EF
INNERFACE	IF
OUTER FACE	OF
EACH SIDE	ES
MASONRY	M
DOWEL	DWL
DOWEL/VERTICAL	DV
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW

A/E PLEASE VERIFY THE LAP SCHEDULE

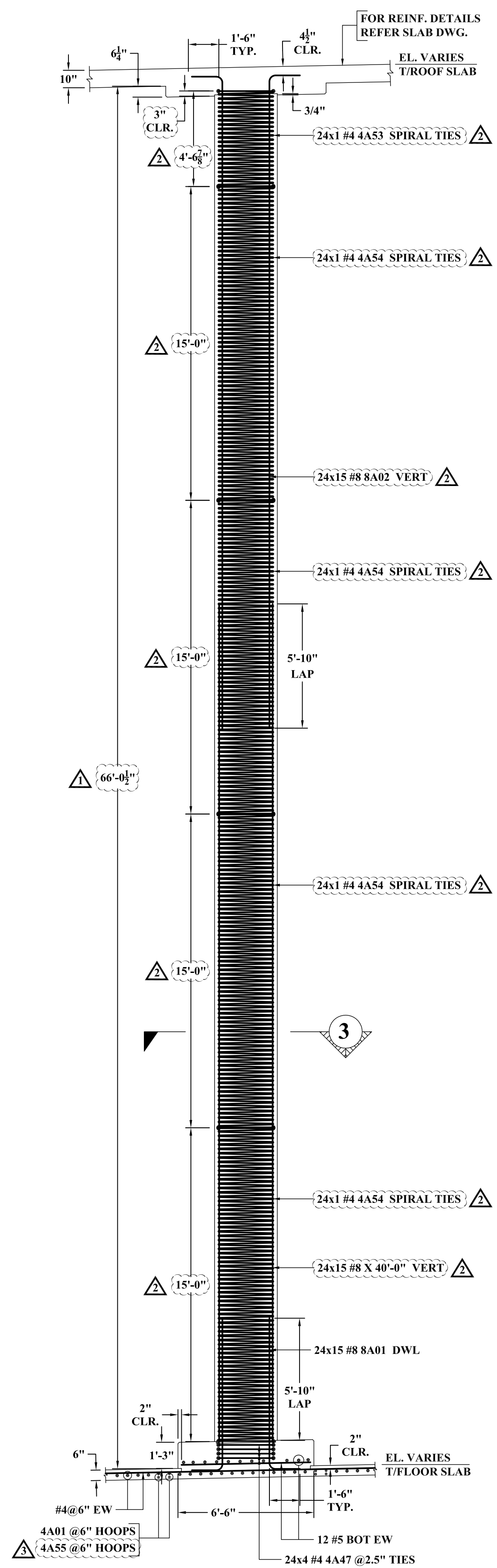
LAP SCHEDULE (CLASS-B) REF: S-B1		
SIZE	4500 PSI	
	TOP	OTHER
#3	23"	18"
#4	31"	24"
#5	38"	29"
#6	46"	35"
#7	67"	51"
#8	76"	59"
#9	85"	66"

NOTES:-

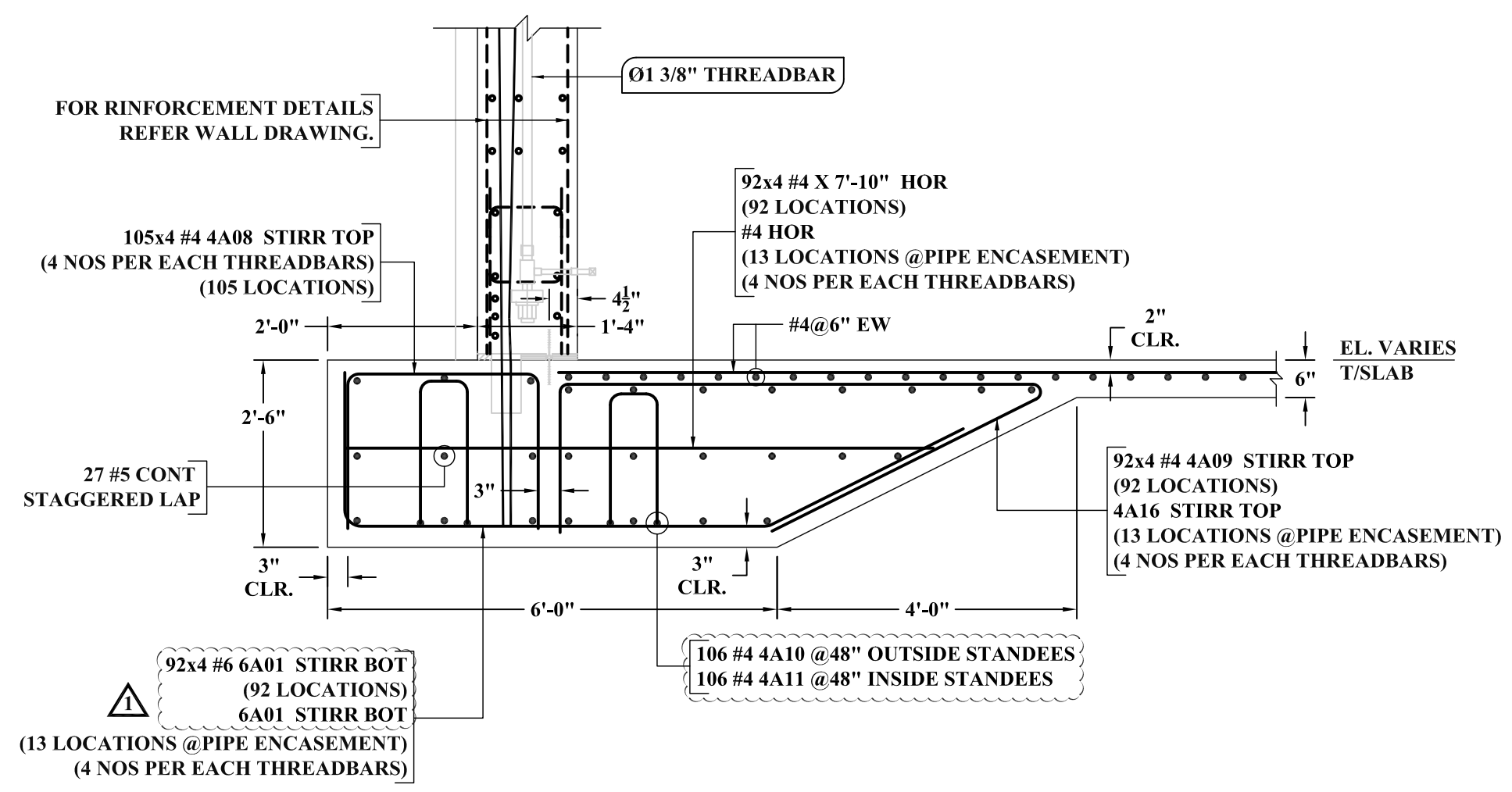
- TYPICAL CLEARANCES
 - TOP - 2"
 - BOTTOM - 3"
 - SIDES - 3"
- A/E PLEASE VERIFY THE ALL CLOUDED ITEMS
- PROVIDE FIELD CUT AS REQUIRED LOCATIONS
- BARS TO BE PLACED AT EQUAL SPACING U.O.N.
- TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED

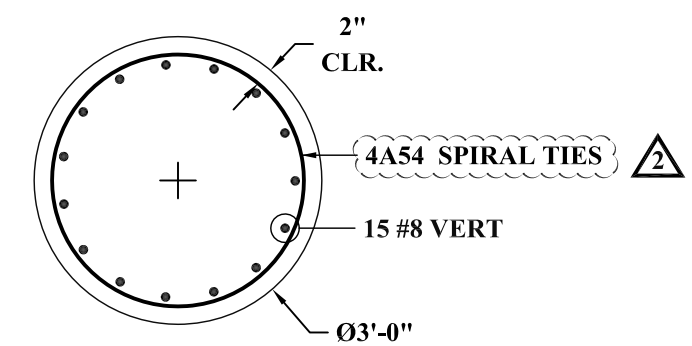
NOTE: REINFORCING STEEL PLACING DRAWINGS TO BE USED ONLY IN CONJUNCTION WITH CONTRACT DRAWINGS AND SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR VERIFICATION BY THE EOR OR FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY THE ARCHITECT, ENGINEER OF RECORD, OR CONTRACTOR.



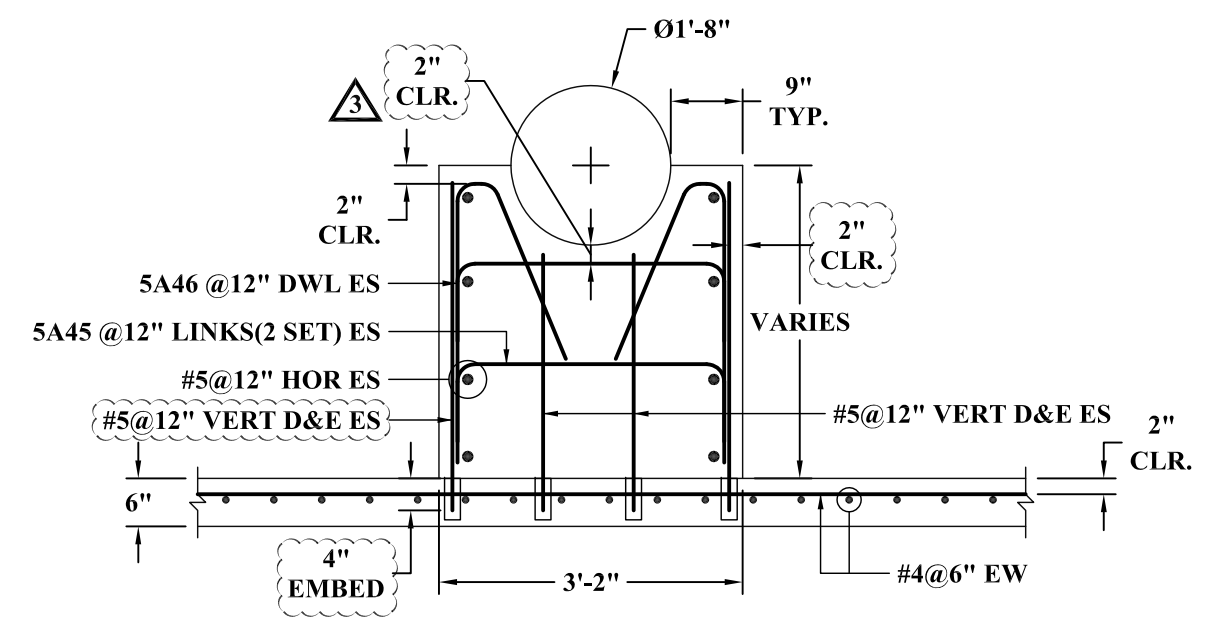
DETAIL-C
SCALE: 1/4"=1'-0"
REF: C&D/SB-4



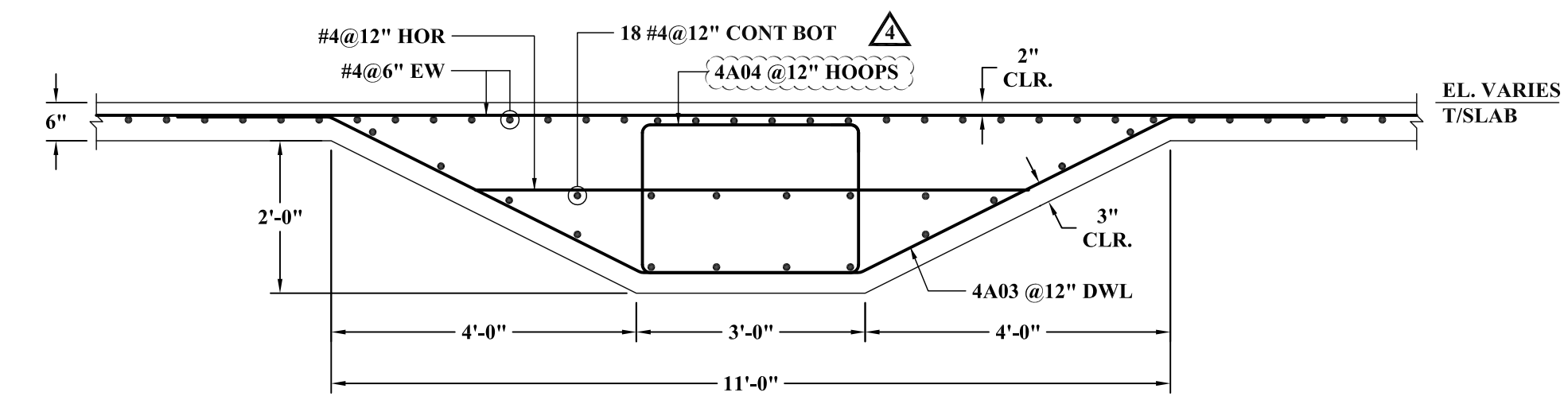
SECTION 1
SCALE: 1/2"=1'-0"
REF: 4/S-B7



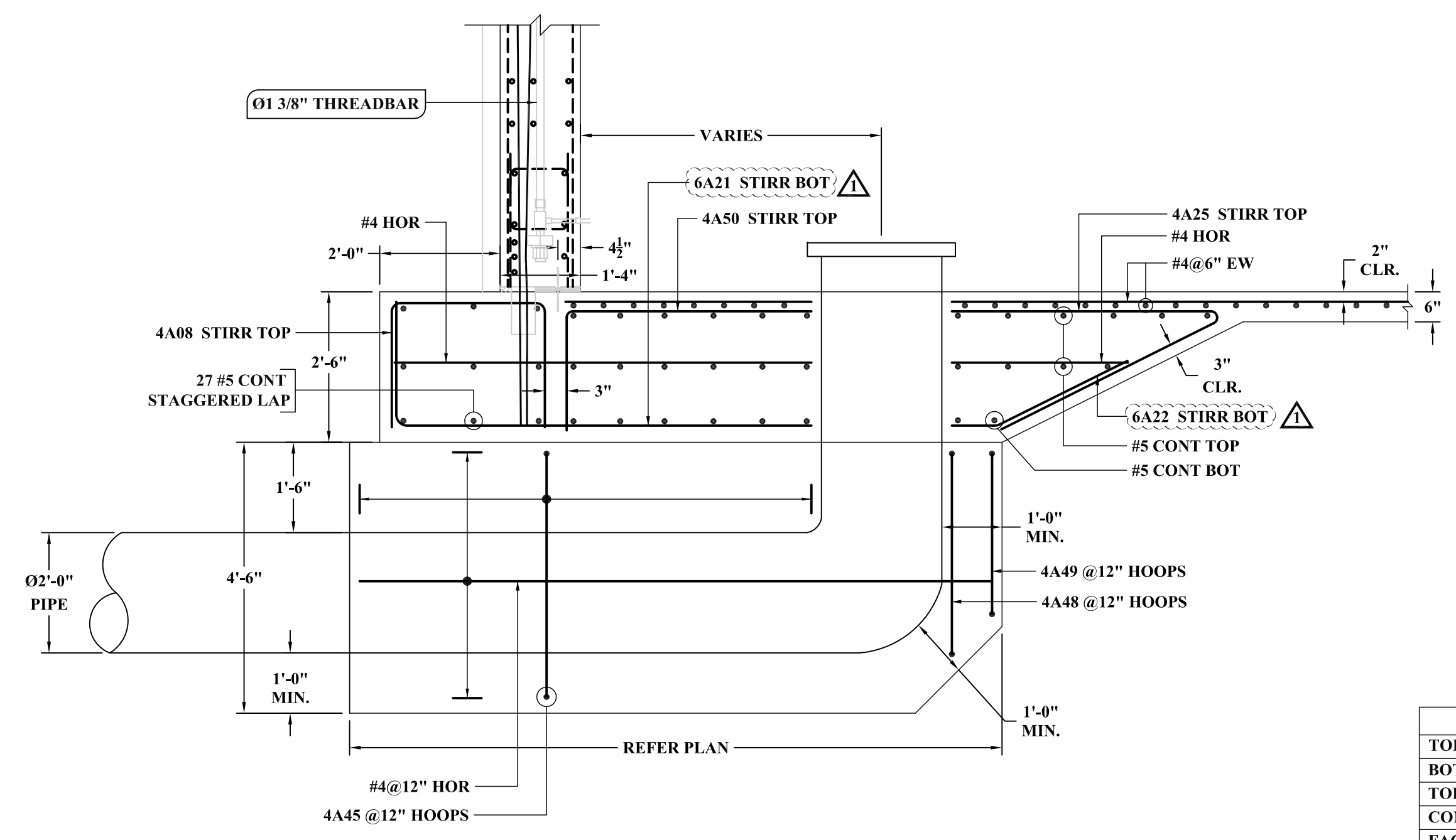
SECTION 3
SCALE: 1/2"=1'-0"
REF: D/S-B4



SECTION 5
SCALE: 1/2"=1'-0"
REF: 6/S-B6



SECTION 2
SCALE: 1/2"=1'-0"
REF: 5/S-B9



SECTION 4
SCALE: 1/2"=1'-0"
REF: A/S-B10

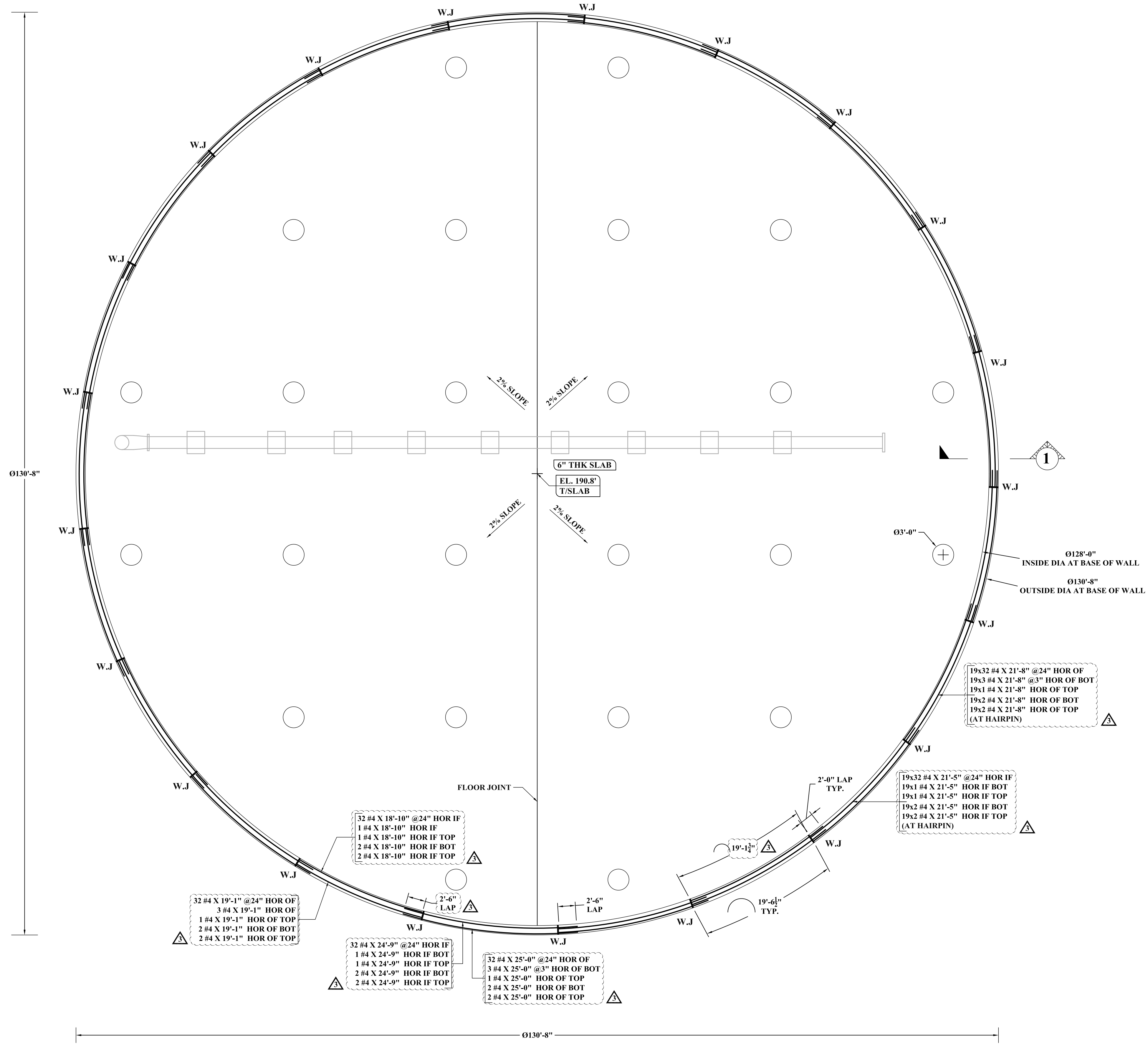
ABBREVIATIONS	
TOP	-
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
FACE BAR	-
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HOR
STIRRUPS	STIRR
EACH WAY	EW
EACH FACE	EF
INNER FACE	IF
OUTER FACE	OF
EACH SIDE	ES
MASONRY	M
DOWEL	DWL
DOWEL/VERTICAL	DV
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW

A/E PLEASE VERIFY THE LAP SCHEDULE

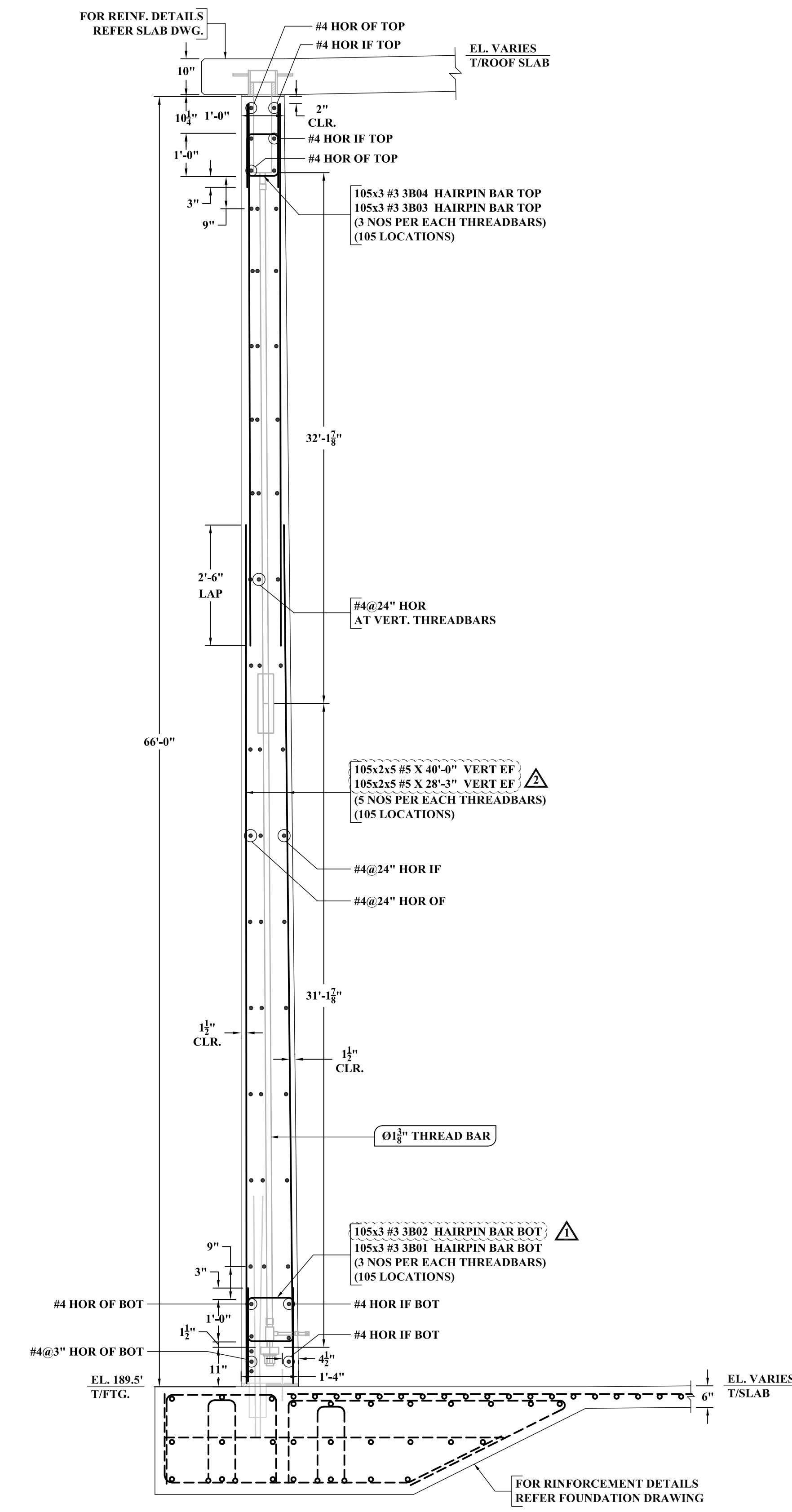
LAP SCHEDULE (CLASS-B)		
REF: S-B1		
SIZE	4500 PSI	
	TOP	OTHER
#3	23"	18"
#4	31"	24"
#5	38"	29"
#6	46"	35"
#7	67"	51"
#8	76"	59"
#9	85"	66"

- NOTES:-**
- TYPICAL CLEARANCES
 - A). TOP - 2"
 - B). BOTTOM - 3"
 - C). SIDES - 3"
 - A/E PLEASE VERIFY THE ALL CLOUDED ITEMS
 - PROVIDE FIELD CUT AS REQUIRED LOCATIONS
 - BAR TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED



(HOR. IF & OF REINFORCEMENT DETAILS ONLY)
COREWALL REINFORCEMENT DETAILS
 SCALE: 1/8"=1'-0"
 REF: 1/S-B3 & A,B/S-B7



SECTION 1
 SCALE: 1/2"=1'-0"
 REF: A/S-B7

A/E PLEASE VERIFY THE LAP SCHEDULE (FOR WALL)

LAP SCHEDULE	
REF: B/S-B7	
48 DIA BAR	
SIZE	LENGTH
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

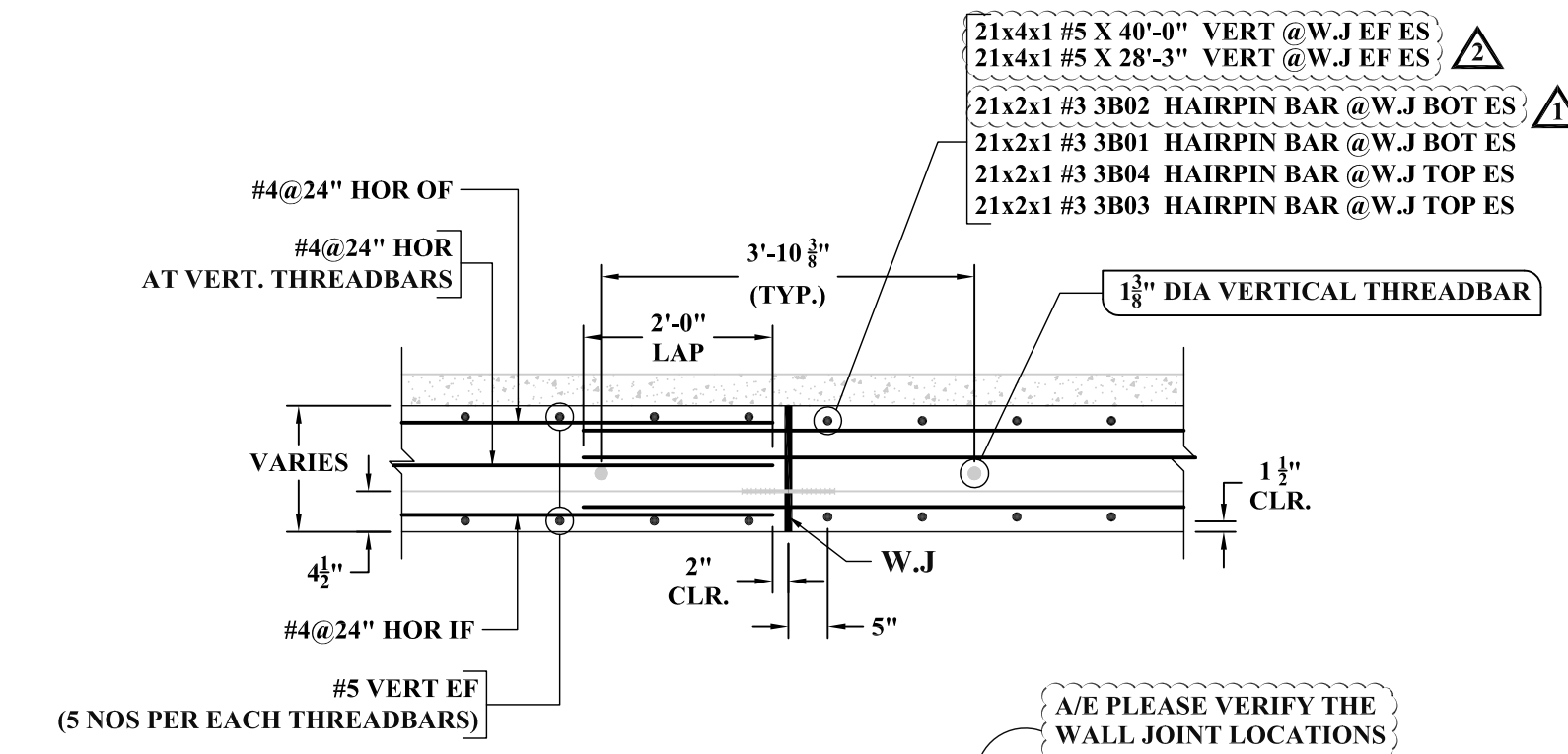
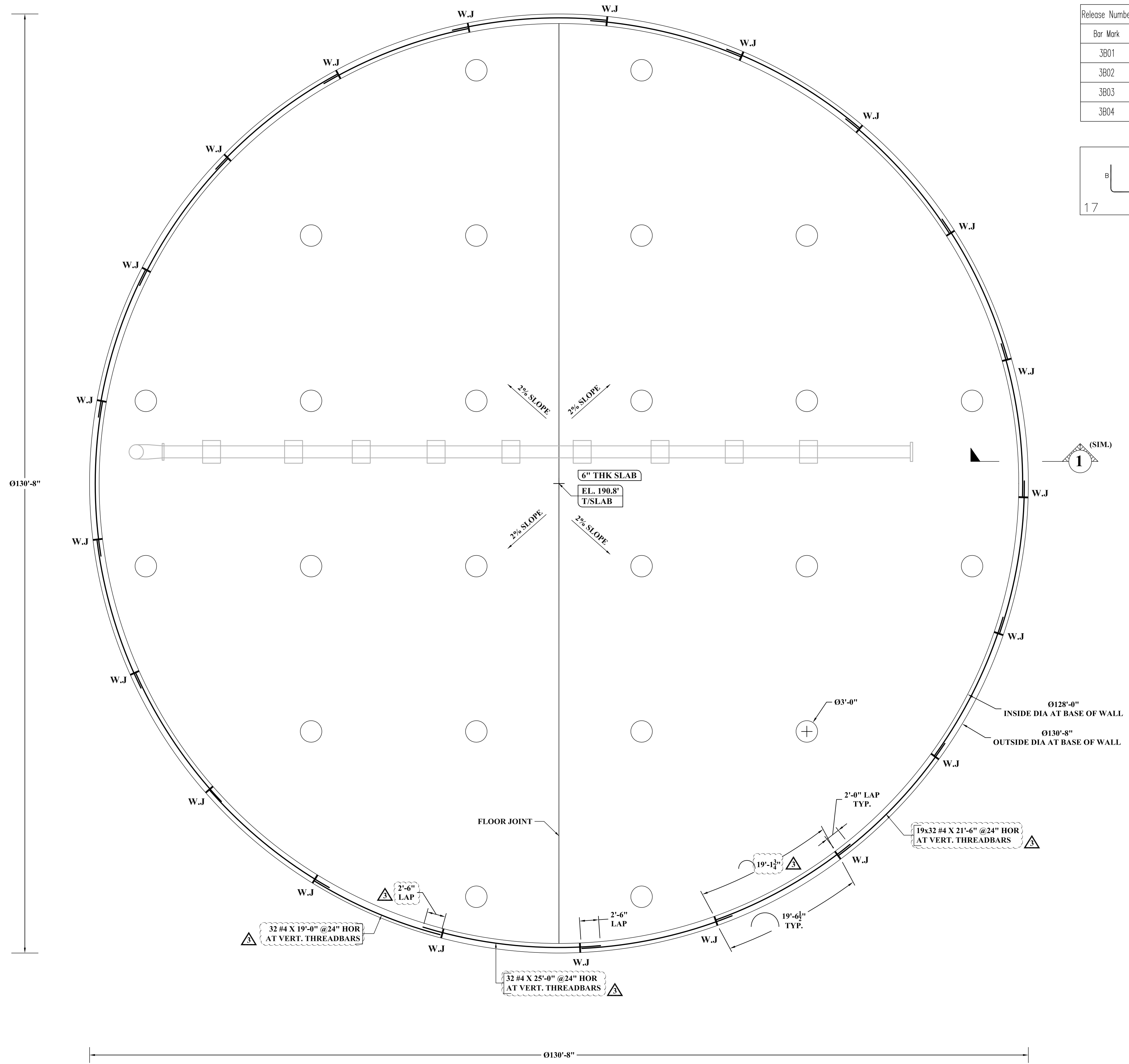
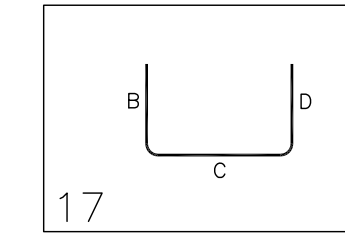
ABBREVIATIONS	
TOP	-
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
FACE BAR	-
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HOR
STIRRUPS	STIRR
EACH WAY	EW
EACH FACE	EF
INNER FACE	IF
OUTER FACE	OF
EACH SIDE	ES
MASONRY	M
DOWEL	DWL
DOWEL/VERTICAL	D/V
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW
WALL JOINT	WJ

- NOTES:-**
- TYPICAL CLEARANCES
 - TOP - 2"
 - SIDES - 1 1/2"
 - A/E PLEASE VERIFY THE ALL CLOUDED ITEMS
 - PROVIDE FIELD CUT AS REQUIRED LOCATIONS
 - BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED

NOTE: REINFORCING STEEL PLACING DRAWINGS TO BE USED ONLY IN CONJUNCTION WITH CONTRACT DRAWINGS AND SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR VERIFICATION BY THE EOR OR FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY THE ARCHITECT, ENGINEER OF RECORD, OR CONTRACTOR.

Release Number: CW-1 & CW-2				BENDING DETAILS												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
3B01	357	#3	3'-7"	17		1'-3"	1'-1"	1'-3"								
3B02	357	#3	5'-0"	17		1'-11 1/2"	1'-1"	1'-11 1/2"								
3B03	357	#3	3'-3"	17		1'-3"	0'-9"	1'-3"								
3B04	357	#3	4'-1"	17		1'-8"	0'-9"	1'-8"								



(21 LOCATIONS)
TYPICAL WALL JOINT DETAILS
 SCALE: 1/2"=1'-0"
 REF: B/S-B7

ABBREVIATIONS	
TOP	-
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
FACE BAR	-
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HOR
STIRRUPS	STIRR
EACH WAY	EW
EACH FACE	EF
INNER FACE	IF
OUTER FACE	OF
EACH SIDE	ES
MASONRY	M
DOWEL	DWL
DOWEL/VERTICAL	DV
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW
WALL JOINT	WJ

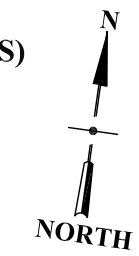
A/E PLEASE VERIFY THE LAP SCHEDULE

(FOR WALL)

LAP SCHEDULE	
REF: B/S-B7	
48 DIA BAR	
SIZE	LENGTH
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

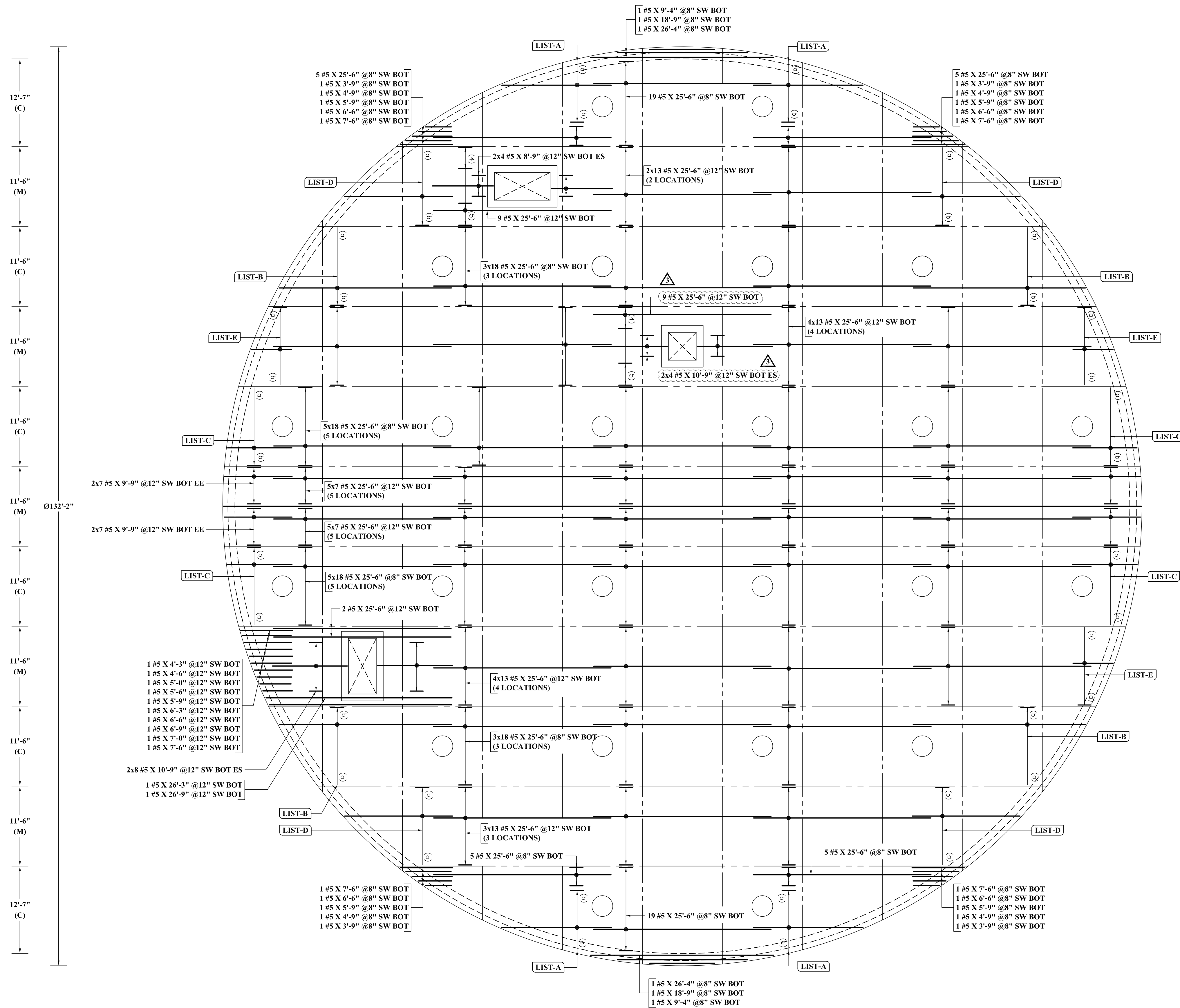
- NOTES:-**
- TYPICAL CLEARANCES
 - TOP - 2"
 - SIDES - 1 1/2"
 - A/E PLEASE VERIFY THE ALL CLOUDED ITEMS
 - PROVIDE FIELD CUT AS REQUIRED LOCATIONS
 - BAR TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

(HOR. MID REINFORCEMENT DETAILS ONLY AT VERTICAL THREADBARS)
COREWALL REINFORCEMENT DETAILS
 SCALE: 1/8"=1'-0"
 REF: I/S-B3 & A,B/S-B7



ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED

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LIST-A
4x1 #5 X 6'-0" @8" SW BOT (a)
4x1 #5 X 8'-6" @8" SW BOT
4x1 #5 X 10'-6" @8" SW BOT
4x1 #5 X 12'-6" @8" SW BOT
4x1 #5 X 14'-3" @8" SW BOT
4x1 #5 X 15'-9" @8" SW BOT
4x1 #5 X 17'-3" @8" SW BOT
4x1 #5 X 18'-9" @8" SW BOT
4x1 #5 X 20'-0" @8" SW BOT
4x1 #5 X 21'-3" @8" SW BOT
4x1 #5 X 22'-6" @8" SW BOT
4x1 #5 X 23'-9" @8" SW BOT
4x1 #5 X 24'-9" @8" SW BOT
4x1 #5 X 25'-9" @8" SW BOT (b)
(4 LOCATIONS)

LIST-B
4x1 #5 X 19'-3" @8" SW BOT (a)
4x1 #5 X 19'-9" @8" SW BOT
4x1 #5 X 20'-3" @8" SW BOT
4x1 #5 X 20'-9" @8" SW BOT
4x1 #5 X 21'-3" @8" SW BOT
4x1 #5 X 21'-6" @8" SW BOT
4x1 #5 X 22'-0" @8" SW BOT
4x1 #5 X 22'-6" @8" SW BOT
4x1 #5 X 23'-0" @8" SW BOT
4x1 #5 X 23'-3" @8" SW BOT
4x1 #5 X 23'-9" @8" SW BOT
4x1 #5 X 24'-0" @8" SW BOT
4x1 #5 X 24'-6" @8" SW BOT
4x1 #5 X 24'-9" @8" SW BOT
4x1 #5 X 25'-3" @8" SW BOT
4x1 #5 X 25'-6" @8" SW BOT
4x1 #5 X 25'-9" @8" SW BOT
4x1 #5 X 26'-0" @8" SW BOT (b)
(4 LOCATIONS)

LIST-C
4x1 #5 X 7'-6" @8" SW BOT (a)
4x2 #5 X 7'-9" @8" SW BOT
4x1 #5 X 8'-0" @8" SW BOT
4x2 #5 X 8'-3" @8" SW BOT
4x2 #5 X 8'-6" @8" SW BOT
4x2 #5 X 8'-9" @8" SW BOT
4x2 #5 X 9'-0" @8" SW BOT
4x3 #5 X 9'-3" @8" SW BOT
4x3 #5 X 9'-6" @8" SW BOT (b)
(4 LOCATIONS)

LIST-D
4x1 #5 X 8'-0" @12" SW BOT (a)
4x1 #5 X 9'-3" @12" SW BOT
4x1 #5 X 10'-3" @12" SW BOT
4x1 #5 X 11'-6" @12" SW BOT
4x1 #5 X 12'-6" @12" SW BOT
4x1 #5 X 13'-6" @12" SW BOT
4x1 #5 X 14'-6" @12" SW BOT
4x1 #5 X 15'-6" @12" SW BOT
4x1 #5 X 16'-3" @12" SW BOT
4x1 #5 X 17'-3" @12" SW BOT
4x1 #5 X 18'-0" @12" SW BOT
4x2 #5 X 19'-0" @12" SW BOT (b)
(4 LOCATIONS)

LIST-E
3x1 #5 X 3'-3" @12" SW BOT (a)
3x1 #5 X 3'-9" @12" SW BOT
3x1 #5 X 4'-3" @12" SW BOT
3x1 #5 X 4'-6" @12" SW BOT
3x1 #5 X 5'-0" @12" SW BOT
3x1 #5 X 5'-6" @12" SW BOT
3x1 #5 X 5'-9" @12" SW BOT
3x1 #5 X 6'-3" @12" SW BOT
3x1 #5 X 6'-6" @12" SW BOT
3x1 #5 X 6'-9" @12" SW BOT
3x1 #5 X 7'-0" @12" SW BOT
3x1 #5 X 7'-6" @12" SW BOT (b)
(3 LOCATIONS)

ABBREVIATIONS	
TOP	-
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
FACE BAR	-
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HOR
STIRRUPS	STIRR
EACH WAY	EW
EACH FACE	EF
INNER FACE	IF
OUTER FACE	OF
EACH SIDE	ES
MASONRY	M
DOWEL	DWL
DOWEL/VERTICAL	DV
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW
COLUMN STRIP	C
MIDDLE STRIP	M

A/E PLEASE VERIFY THE LAP SCHEDULE

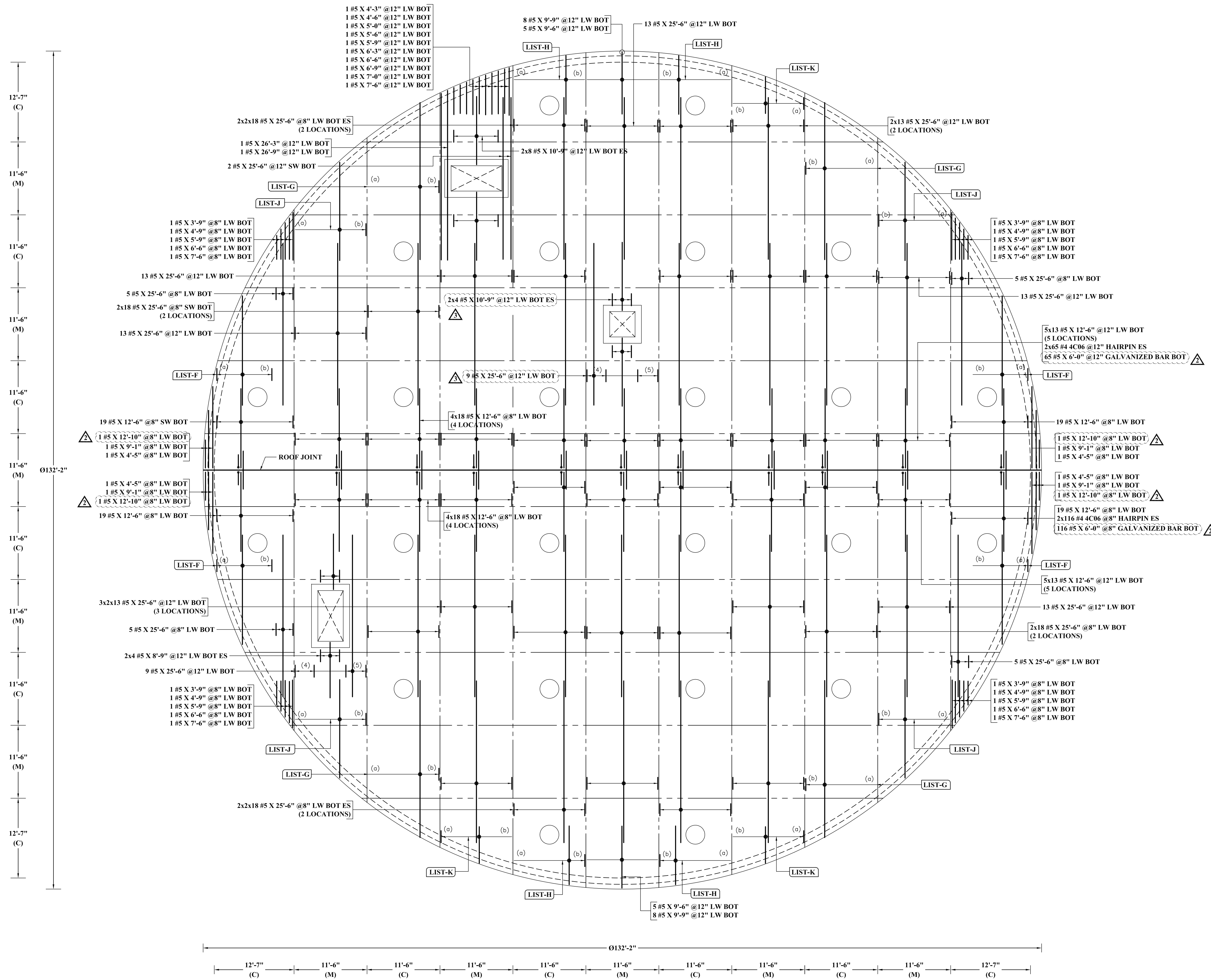
LAP SCHEDULE	
REF: S-B5	
48 DIA BAR	
SIZE	LENGTH
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

- NOTES:-**
- TYPICAL CLEARANCES
 - A). TOP - 2"
 - B). BOTTOM - 2"
 - C). SIDES - 2"
 - A/E PLEASE VERIFY THE ALL CLOUDED ITEMS
 - PROVIDE FIELD CUT AS REQUIRED LOCATIONS
 - BAR TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

(SHORT WAY BOTTOM REINFORCEMENTS ONLY)
RESERVOIR TANK ROOF SLAB REINFORCEMENT DETAILS
 SCALE: 1/8"=1'-0"
 REF: S-B3 & S-B5

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED

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LIST-F	LIST-G	LIST-H
4x1 #5 X 6'-0" @8" LW BOT (a)	4x1 #5 X 19'-3" @8" LW BOT (a)	4x1 #5 X 7'-6" @8" LW BOT (a)
4x1 #5 X 8'-6" @8" LW BOT	4x1 #5 X 19'-9" @8" LW BOT	4x1 #5 X 7'-9" @8" LW BOT
4x1 #5 X 10'-6" @8" LW BOT	4x1 #5 X 20'-3" @8" LW BOT	4x1 #5 X 8'-0" @8" LW BOT
4x1 #5 X 12'-6" @8" LW BOT	4x1 #5 X 20'-9" @8" LW BOT	4x2 #5 X 8'-3" @8" LW BOT
4x1 #5 X 14'-3" @8" LW BOT	4x1 #5 X 21'-3" @8" LW BOT	4x2 #5 X 8'-6" @8" LW BOT
4x1 #5 X 15'-9" @8" LW BOT	4x1 #5 X 21'-6" @8" LW BOT	4x2 #5 X 8'-9" @8" LW BOT
4x1 #5 X 17'-3" @8" LW BOT	4x1 #5 X 22'-0" @8" LW BOT	4x2 #5 X 9'-0" @8" LW BOT
4x1 #5 X 18'-9" @8" LW BOT	4x1 #5 X 22'-6" @8" LW BOT	4x3 #5 X 9'-3" @8" LW BOT
4x1 #5 X 20'-0" @8" LW BOT	4x1 #5 X 23'-0" @8" LW BOT	4x3 #5 X 9'-6" @8" LW BOT (b)
4x1 #5 X 21'-3" @8" LW BOT	4x1 #5 X 23'-3" @8" LW BOT	(4 LOCATIONS)
4x1 #5 X 22'-6" @8" LW BOT	4x1 #5 X 23'-9" @8" LW BOT	
4x1 #5 X 24'-0" @8" LW BOT	4x1 #5 X 24'-6" @8" LW BOT	
4x1 #5 X 24'-9" @8" LW BOT	4x1 #5 X 25'-0" @8" LW BOT	
4x1 #5 X 25'-9" @8" LW BOT (b)	4x1 #5 X 25'-6" @8" LW BOT	
(4 LOCATIONS)	4x1 #5 X 25'-9" @8" LW BOT	
	4x1 #5 X 26'-0" @8" LW BOT (b)	
	(4 LOCATIONS)	

LIST-J	LIST-K
4x1 #5 X 8'-0" @12" LW BOT (a)	3x1 #5 X 3'-3" @12" LW BOT (a)
4x1 #5 X 9'-3" @12" LW BOT	3x1 #5 X 3'-9" @12" LW BOT
4x1 #5 X 10'-3" @12" LW BOT	3x1 #5 X 4'-3" @12" LW BOT
4x1 #5 X 11'-6" @12" LW BOT	3x1 #5 X 4'-9" @12" LW BOT
4x1 #5 X 12'-6" @12" LW BOT	3x1 #5 X 5'-0" @12" LW BOT
4x1 #5 X 13'-6" @12" LW BOT	3x1 #5 X 5'-6" @12" LW BOT
4x1 #5 X 14'-6" @12" LW BOT	3x1 #5 X 5'-9" @12" LW BOT
4x1 #5 X 15'-6" @12" LW BOT	3x1 #5 X 6'-3" @12" LW BOT
4x1 #5 X 16'-3" @12" LW BOT	3x1 #5 X 6'-6" @12" LW BOT
4x1 #5 X 17'-3" @12" LW BOT	3x1 #5 X 6'-9" @12" LW BOT
4x1 #5 X 18'-0" @12" LW BOT	3x1 #5 X 7'-0" @12" LW BOT
4x2 #5 X 19'-0" @12" LW BOT (b)	3x1 #5 X 7'-6" @12" LW BOT (b)
(4 LOCATIONS)	(3 LOCATIONS)

ABBREVIATIONS	
TOP	-
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
FACE BAR	-
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HOR
STIRRUPS	STIRR
EACH WAY	EW
EACH FACE	EF
INNER FACE	IF
OUTER FACE	OF
EACH SIDE	ES
MASONRY	M
DOWEL	DWL
DOWEL/VERTICAL	DV
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW
COLUMN STRIP	C
MIDDLE STRIP	M

A/E PLEASE VERIFY THE LAP SCHEDULE

LAP SCHEDULE	
REF: S-B5	
48 DIA BAR	
SIZE	LENGTH
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

- NOTES:-**
1. TYPICAL CLEARANCES
 - A). TOP - 2"
 - B). BOTTOM - 2"
 - C). SIDES - 2"
 2. A/E PLEASE VERIFY THE ALL CLOUDED ITEMS
 3. PROVIDE FIELD CUT AS REQUIRED LOCATIONS
 4. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 5. TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED

(LONG WAY BOTTOM REINFORCEMENTS ONLY)
RESERVOIR TANK ROOF SLAB REINFORCEMENT DETAILS
 SCALE: 1/8"=1'-0"
 REF: S-B3 & S-B5

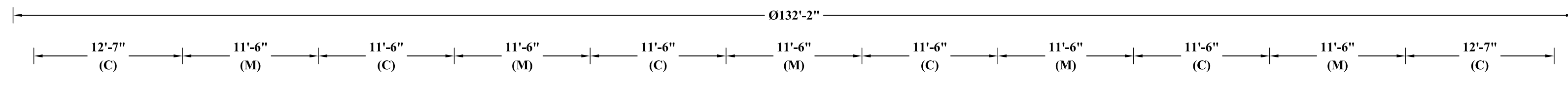
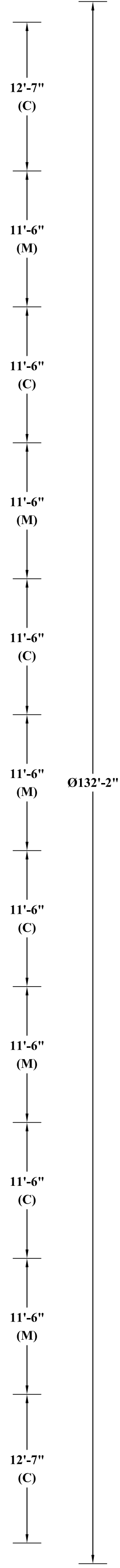
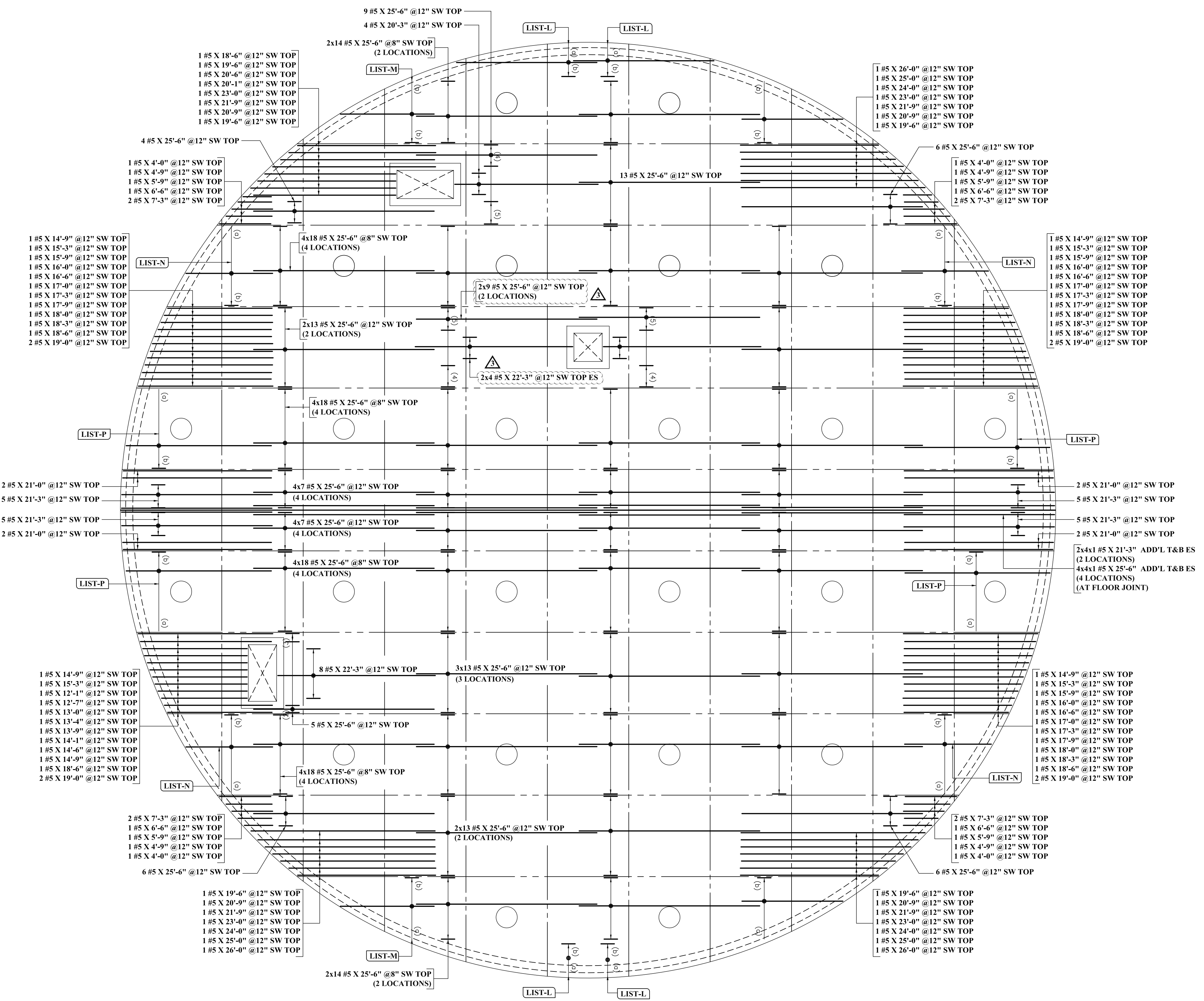
NOTE: REINFORCING STEEL PLACING DRAWINGS TO BE USED ONLY IN CONJUNCTION WITH CONTRACT DRAWINGS AND SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR VERIFICATION BY THE EOR OR FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY THE ARCHITECT, ENGINEER OF RECORD, OR CONTRACTOR.

LIST-L
4x1 #5 X 6'-0" @8" SW TOP (a)
4x1 #5 X 10'-9" @8" SW TOP
4x1 #5 X 14'-6" @8" SW TOP
4x1 #5 X 17'-6" @8" SW TOP
4x1 #5 X 19'-0" @8" SW TOP
4x1 #5 X 22'-0" @8" SW TOP
4x1 #5 X 24'-0" @8" SW TOP
4x1 #5 X 25'-9" @8" SW TOP (b)
(4 LOCATIONS)

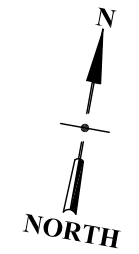
LIST-M
4x1 #5 X 4'-3" @8" SW TOP (a)
4x1 #5 X 5'-9" @8" SW TOP
4x1 #5 X 7'-3" @8" SW TOP
4x1 #5 X 8'-6" @8" SW TOP
4x1 #5 X 9'-9" @8" SW TOP
4x1 #5 X 11'-0" @8" SW TOP
4x1 #5 X 12'-3" @8" SW TOP
4x1 #5 X 13'-3" @8" SW TOP
4x1 #5 X 14'-3" @8" SW TOP
4x1 #5 X 15'-3" @8" SW TOP
4x1 #5 X 16'-3" @8" SW TOP
4x1 #5 X 17'-3" @8" SW TOP
4x1 #5 X 18'-0" @8" SW TOP
4x1 #5 X 19'-0" @8" SW TOP (b)
(4 LOCATIONS)

LIST-N
4x1 #5 X 7'-9" @8" SW TOP (a)
4x1 #5 X 8'-3" @8" SW TOP
4x1 #5 X 8'-9" @8" SW TOP
4x1 #5 X 9'-3" @8" SW TOP
4x1 #5 X 9'-6" @8" SW TOP
4x1 #5 X 10'-0" @8" SW TOP
4x1 #5 X 10'-6" @8" SW TOP
4x1 #5 X 11'-0" @8" SW TOP
4x1 #5 X 11'-3" @8" SW TOP
4x1 #5 X 11'-9" @8" SW TOP
4x1 #5 X 12'-6" @8" SW TOP
4x1 #5 X 12'-6" @8" SW TOP
4x1 #5 X 12'-6" @8" SW TOP
4x1 #5 X 12'-6" @8" SW TOP
4x1 #5 X 13'-3" @8" SW TOP
4x1 #5 X 13'-3" @8" SW TOP
4x1 #5 X 14'-0" @8" SW TOP
4x1 #5 X 14'-3" @8" SW TOP
4x1 #5 X 14'-6" @8" SW TOP
4x1 #5 X 14'-6" @8" SW TOP (b)
(4 LOCATIONS)

LIST-P
4x1 #5 X 19'-0" @8" SW TOP (a)
4x2 #5 X 19'-3" @8" SW TOP
4x1 #5 X 19'-6" @8" SW TOP
4x2 #5 X 19'-9" @8" SW TOP
4x2 #5 X 20'-0" @8" SW TOP
4x2 #5 X 21'-3" @8" SW TOP
4x1 #5 X 20'-6" @8" SW TOP
4x3 #5 X 20'-9" @8" SW TOP
4x3 #5 X 21'-9" @8" SW TOP
4x3 #5 X 21'-9" @8" SW TOP (b)
(4 LOCATIONS)



(SHORT WAY TOP REINFORCEMENTS ONLY)
RESERVOIR TANK ROOF SLAB REINFORCEMENT DETAILS
 SCALE: 1/8"=1'-0"
 REF: S-B3 & S-B5



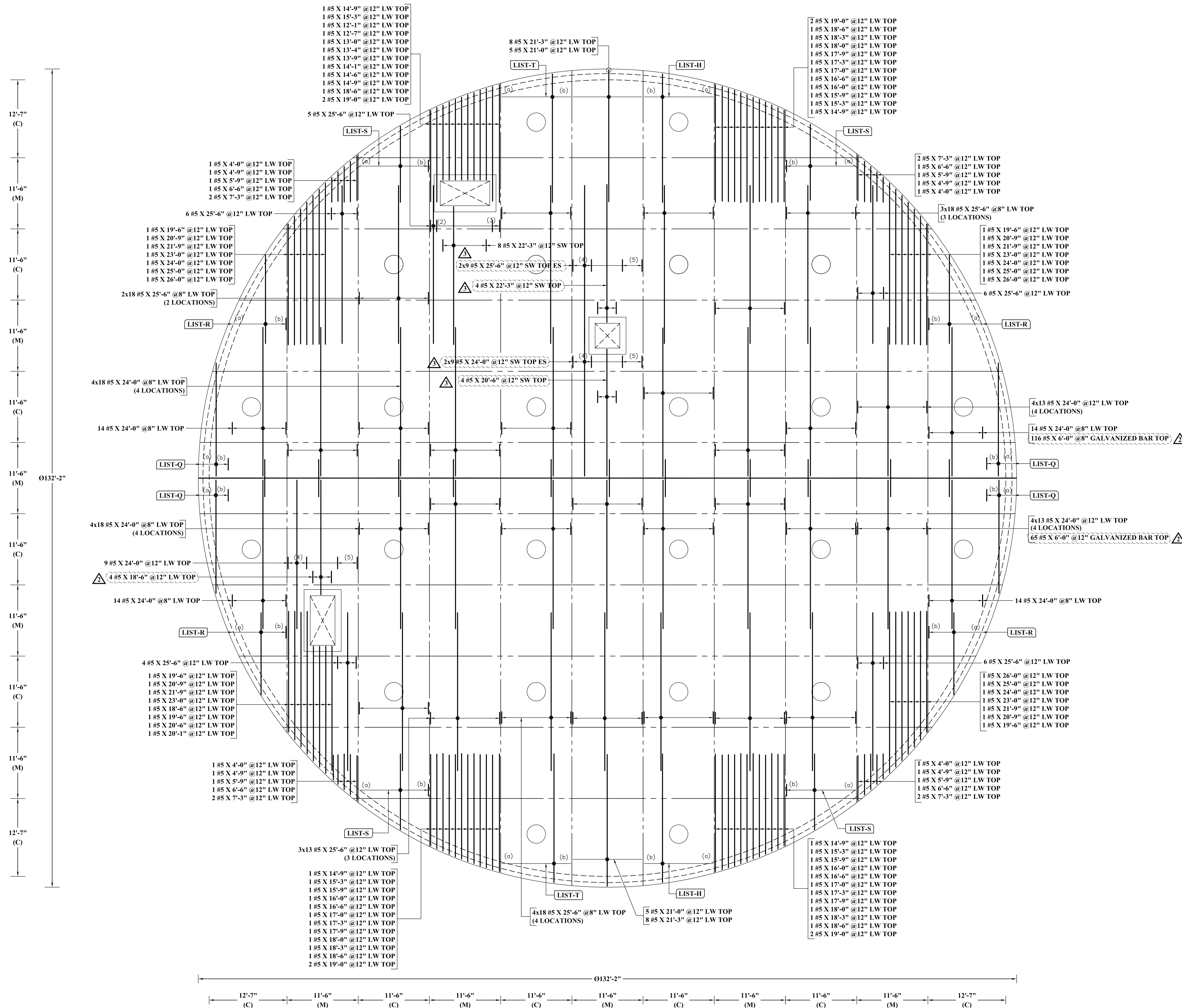
A/E PLEASE VERIFY THE LAP SCHEDULE

LAP SCHEDULE	
REF: S-B5	
48 DIA BAR	
SIZE	LENGTH
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

- NOTES:-**
- TYPICAL CLEARANCES
 A). TOP - 2"
 B). BOTTOM - 2"
 C). SIDES - 2"
 - A/E PLEASE VERIFY THE ALL CLOUDED ITEMS
 - PROVIDE FIELD CUT AS REQUIRED LOCATIONS
 - BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED

NOTE: REINFORCING STEEL PLACING DRAWINGS TO BE USED ONLY IN CONJUNCTION WITH CONTRACT DRAWINGS AND SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR VERIFICATION BY THE EOR OR FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY THE ARCHITECT, ENGINEER OF RECORD, OR CONTRACTOR.



LIST-Q
4x1 #5 X 4'-5" @8" LW TOP (a)
4x1 #5 X 9'-0" @8" LW TOP
4x1 #5 X 12'-10" @8" LW TOP
4x1 #5 X 15'-9" @8" LW TOP
4x1 #5 X 18'-3" @8" LW TOP
4x1 #5 X 20'-4" @8" LW TOP
4x1 #5 X 22'-4" @8" LW TOP
4x1 #5 X 24'-1" @8" LW TOP (b)
(4 LOCATIONS)

LIST-R
4x1 #5 X 4'-3" @8" LW TOP (a)
4x1 #5 X 5'-9" @8" LW TOP
4x1 #5 X 7'-3" @8" LW TOP
4x1 #5 X 8'-6" @8" LW TOP
4x1 #5 X 9'-9" @8" LW TOP
4x1 #5 X 11'-0" @8" LW TOP
4x1 #5 X 12'-3" @8" LW TOP
4x1 #5 X 13'-3" @8" LW TOP
4x1 #5 X 14'-3" @8" LW TOP
4x1 #5 X 15'-3" @8" LW TOP
4x1 #5 X 16'-3" @8" LW TOP
4x1 #5 X 17'-3" @8" LW TOP
4x1 #5 X 18'-0" @8" LW TOP
4x1 #5 X 19'-0" @8" LW TOP (b)
(4 LOCATIONS)

LIST-S
4x1 #5 X 7'-9" @8" LW TOP (a)
4x1 #5 X 8'-3" @8" LW TOP
4x1 #5 X 8'-9" @8" LW TOP
4x1 #5 X 9'-3" @8" LW TOP
4x1 #5 X 9'-6" @8" LW TOP
4x1 #5 X 10'-0" @8" LW TOP
4x1 #5 X 10'-6" @8" LW TOP
4x1 #5 X 11'-0" @8" LW TOP
4x1 #5 X 11'-3" @8" LW TOP
4x1 #5 X 11'-9" @8" LW TOP
4x1 #5 X 12'-3" @8" LW TOP
4x1 #5 X 12'-6" @8" LW TOP
4x1 #5 X 13'-0" @8" LW TOP
4x1 #5 X 13'-3" @8" LW TOP
4x1 #5 X 13'-9" @8" LW TOP
4x1 #5 X 14'-0" @8" LW TOP
4x1 #5 X 14'-3" @8" LW TOP
4x1 #5 X 14'-6" @8" LW TOP (b)
(4 LOCATIONS)

LIST-T
4x1 #5 X 19'-0" @8" LW TOP (a)
4x2 #5 X 19'-3" @8" LW TOP
4x1 #5 X 19'-6" @8" LW TOP
4x2 #5 X 19'-9" @8" LW TOP
4x2 #5 X 20'-0" @8" LW TOP
4x2 #5 X 20'-3" @8" LW TOP
4x3 #5 X 20'-6" @8" LW TOP
4x3 #5 X 20'-9" @8" LW TOP
4x3 #5 X 21'-0" @8" LW TOP (b)
(4 LOCATIONS)

ABBREVIATIONS	
TOP	-
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
FACE BAR	-
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HOR
STIRRUPS	STIRR
EACH WAY	EW
EACH FACE	EF
INNER FACE	IF
OUTER FACE	OF
EACH SIDE	ES
MASONRY	M
DOWEL	DWL
DOWEL/VERTICAL	DV
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW
COLUMN STRIP	C
MIDDLE STRIP	M

A/E PLEASE VERIFY THE LAP SCHEDULE

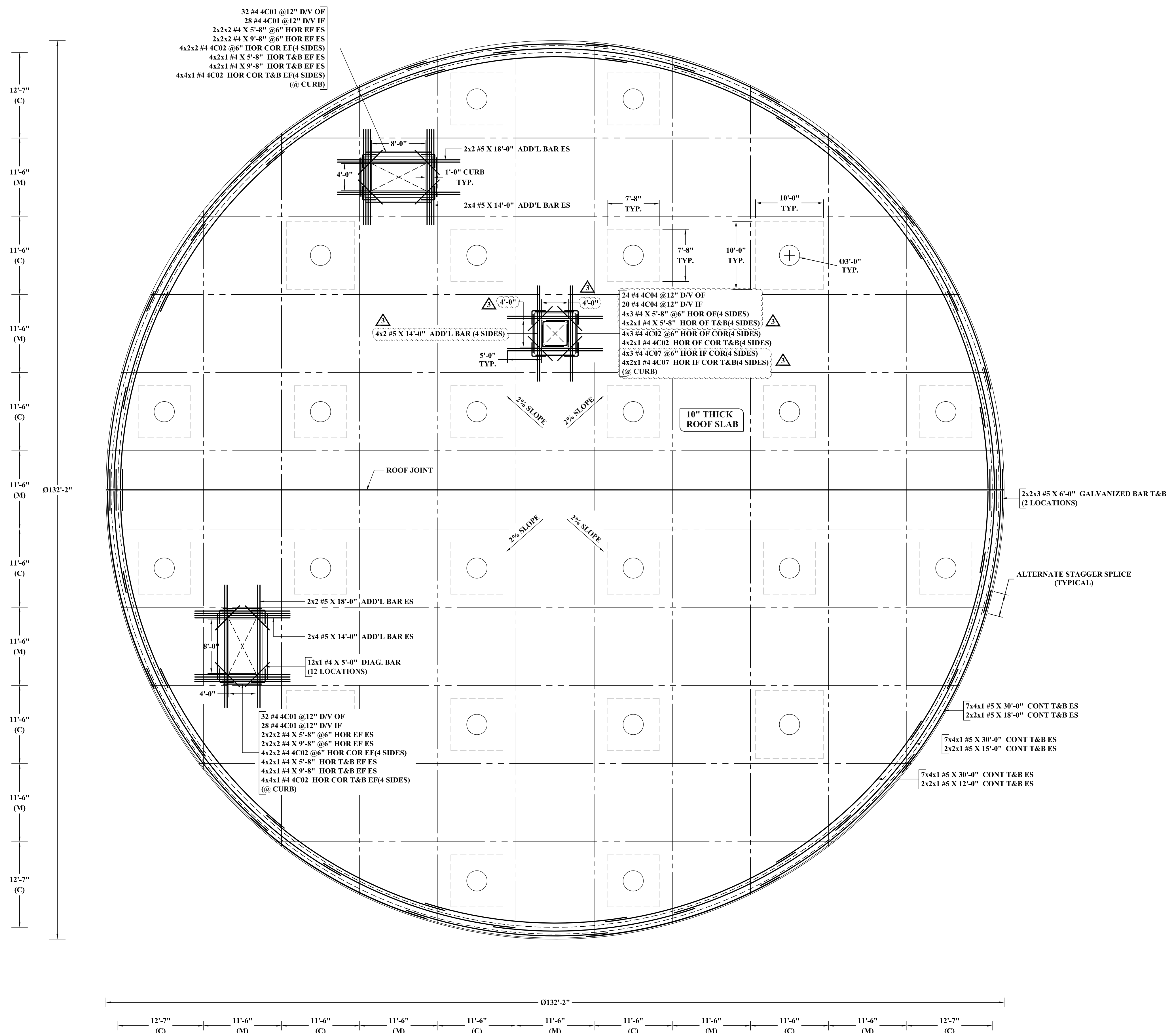
LAP SCHEDULE	
REF: S-B5	
48 DIA BAR	
SIZE	LENGTH
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

- NOTES:-**
1. TYPICAL CLEARANCES
 - A). TOP - 2"
 - B). BOTTOM - 2"
 - C). SIDES - 2"
 2. A/E PLEASE VERIFY THE ALL CLOUDED ITEMS
 3. PROVIDE FIELD CUT AS REQUIRED LOCATIONS
 4. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 5. TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED

(LONG WAY TOP REINFORCEMENTS ONLY)
RESERVOIR TANK ROOF SLAB REINFORCEMENT DETAILS
 SCALE: 1/8"=1'-0"
 REF: S-B3 & S-B5

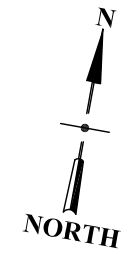
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12'-7" (C)
11'-6" (M)
11'-6" (C)
11'-6" (M)
11'-6" (C)
11'-6" (M)
11'-6" (C)
11'-6" (M)
11'-6" (C)
11'-6" (M)
11'-6" (C)
11'-6" (M)
11'-6" (C)
11'-6" (M)
12'-7" (C)

12'-7" (C) 11'-6" (M) 11'-6" (C) 11'-6" (M) 11'-6" (C) 11'-6" (M) 11'-6" (C) 11'-6" (M) 11'-6" (C) 11'-6" (M) 12'-7" (C)

(SLAB ADDITIONAL & CURB REINFORCEMENTS ONLY)
RESERVOIR TANK ROOF SLAB REINFORCEMENT DETAILS
SCALE: 1/8"=1'-0"
REF: S-B3 & S-B6



ABBREVIATIONS	
TOP	-
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
FACE BAR	-
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HOR
STIRRUPS	STIRR
EACH WAY	EW
EACH FACE	EF
INNER FACE	IF
OUTER FACE	OF
EACH SIDE	ES
MASONRY	M
DOWEL	DWL
DOWEL/VERTICAL	D/V
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW
COLUMN STRIP	C
MIDDLE STRIP	M

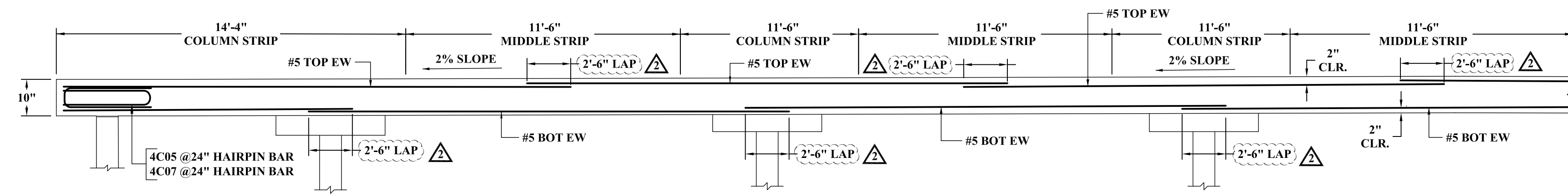
A/E PLEASE VERIFY THE LAP SCHEDULE

LAP SCHEDULE	
REF: S-B5	
48 DIA BAR	
SIZE	LENGTH
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

- NOTES:-**
1. TYPICAL CLEARANCES
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B). BOTTOM - 2"
C). SIDES - 2"
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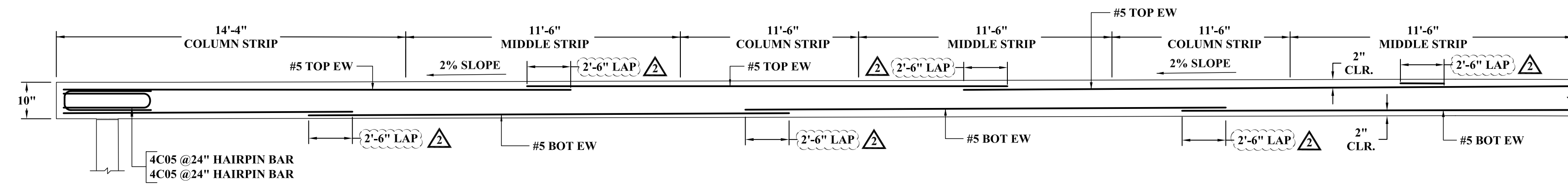
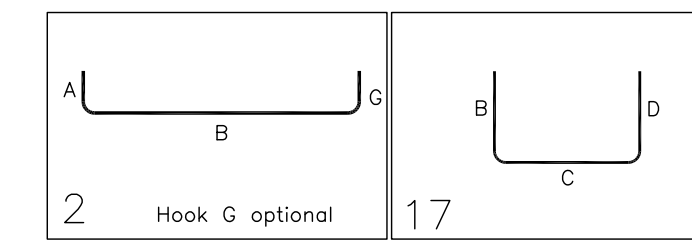
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TYPICAL COLUMN STRIP REINF. DETAILS

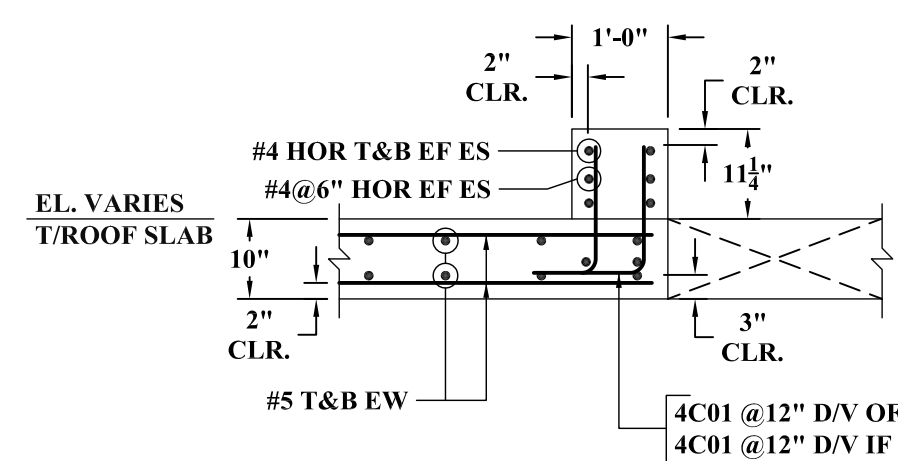
SCALE: 1/2"=1'-0"
REF: A/S-B5

Release Number: S-1 TO S-6				BENDING DETAILS												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4C01	120	#4	2'-0"	2	0'-8"	1'-4"										
4C02	84	#4	4'-0"	17		2'-0"	2'-0"									
4C04	44	#4	2'-7"	2	0'-8"	1'-11"										
4C05	420	#4	4'-4 3/4"	17		2'-0"	0'-4 3/4"	2'-0"								
4C06	362	#4	4'-3 3/4"	17		2'-0"	0'-3 3/4"	2'-0"								
4C07	20	#4	6'-4"	17		3'-2"	3'-2"									



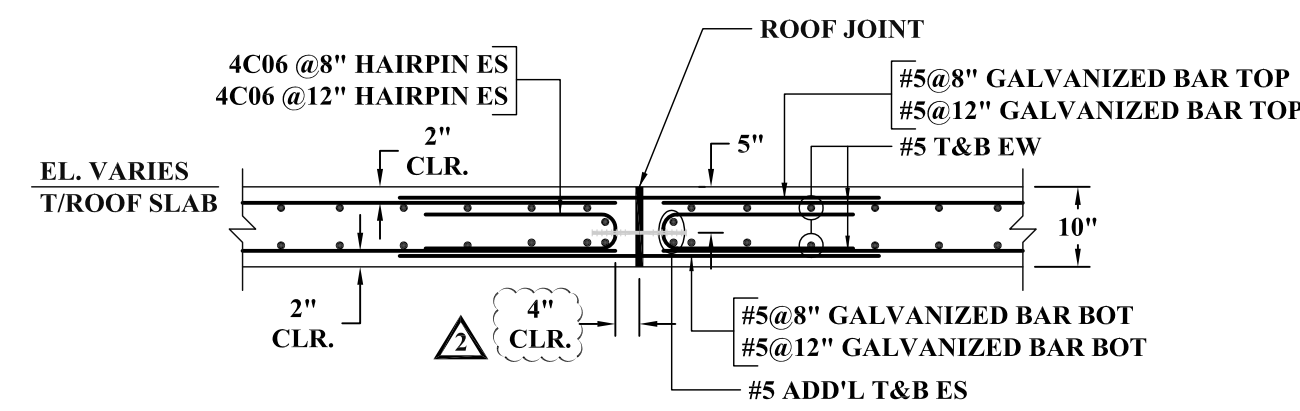
TYPICAL MIDDLE STRIP REINF. DETAILS

SCALE: 1/2"=1'-0"
REF: B/S-B5



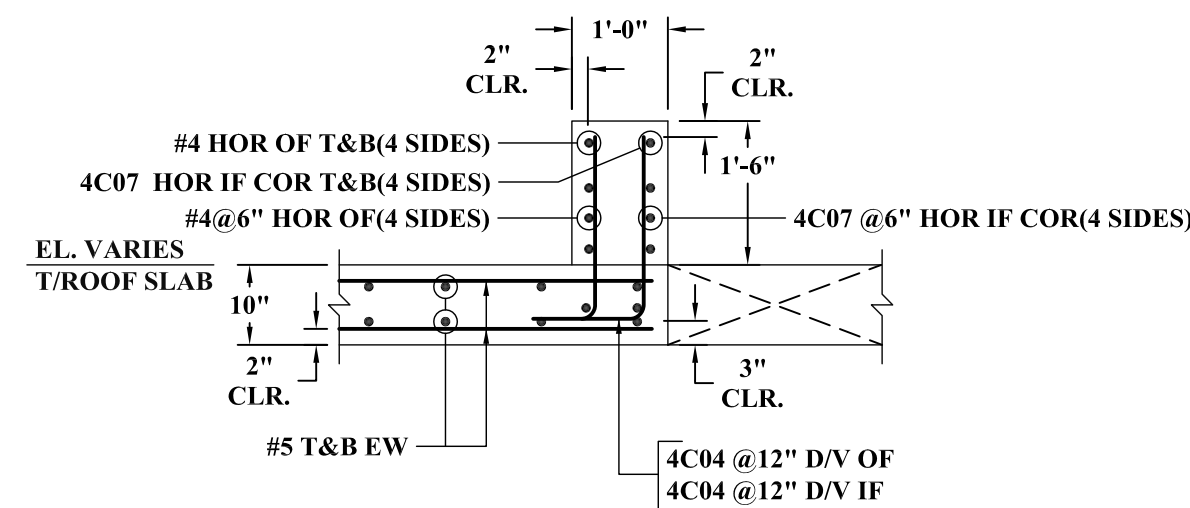
TYPICAL ROOF @4'-0"X8'-0" OPENING VENT REINF. DETAILS

SCALE: 1/2"=1'-0"
REF: 2/S-B6



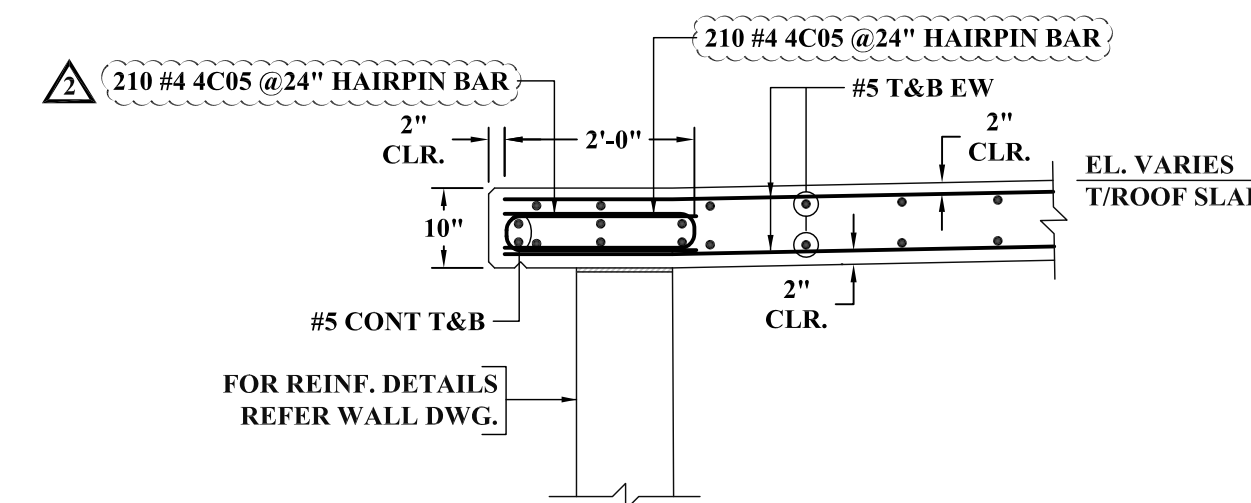
TYPICAL ROOF SLAB JOINT REINF. DETAILS

SCALE: 1/2"=1'-0"
REF: 4/S-B6



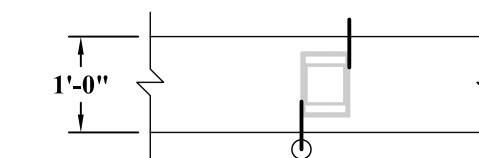
TYPICAL ROOF @3'-0"X3'-0" OPENING VENT REINF. DETAILS

SCALE: 1/2"=1'-0"
REF: 2/S-B6



TYPICAL ROOF SLAB EDGE REINF. DETAILS

SCALE: 1/2"=1'-0"
REF: 2/S-B5



TYPICAL ROOF SLAB SHEAR CAN ADD'L REINF. DETAILS

SCALE: 1/2"=1'-0"
REF: 1/S-B7 & 3/S-B8

ABBREVIATIONS	
TOP	-
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
FACE BAR	-
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HOR
STIRRUPS	STIRR
EACH WAY	EW
EACH FACE	EF
INNER FACE	IF
OUTER FACE	OF
EACH SIDE	ES
MASONRY	M
DOWEL	DWL
DOWEL/VERTICAL	DV
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW
COLUMN STRIP	C
MIDDLE STRIP	M

A/E PLEASE VERIFY THE LAP SCHEDULE

LAP SCHEDULE	
REF: S-B5	
48 DIA BAR	
SIZE	LENGTH
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

NOTES:-

- TYPICAL CLEARANCES
 - A). TOP - 2"
 - B). BOTTOM - 2"
 - C). SIDES - 2"
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- PROVIDE FIELD CUT AS REQUIRED LOCATIONS
- BARS TO BE PLACED AT EQUAL SPACING U.O.N.
- TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED