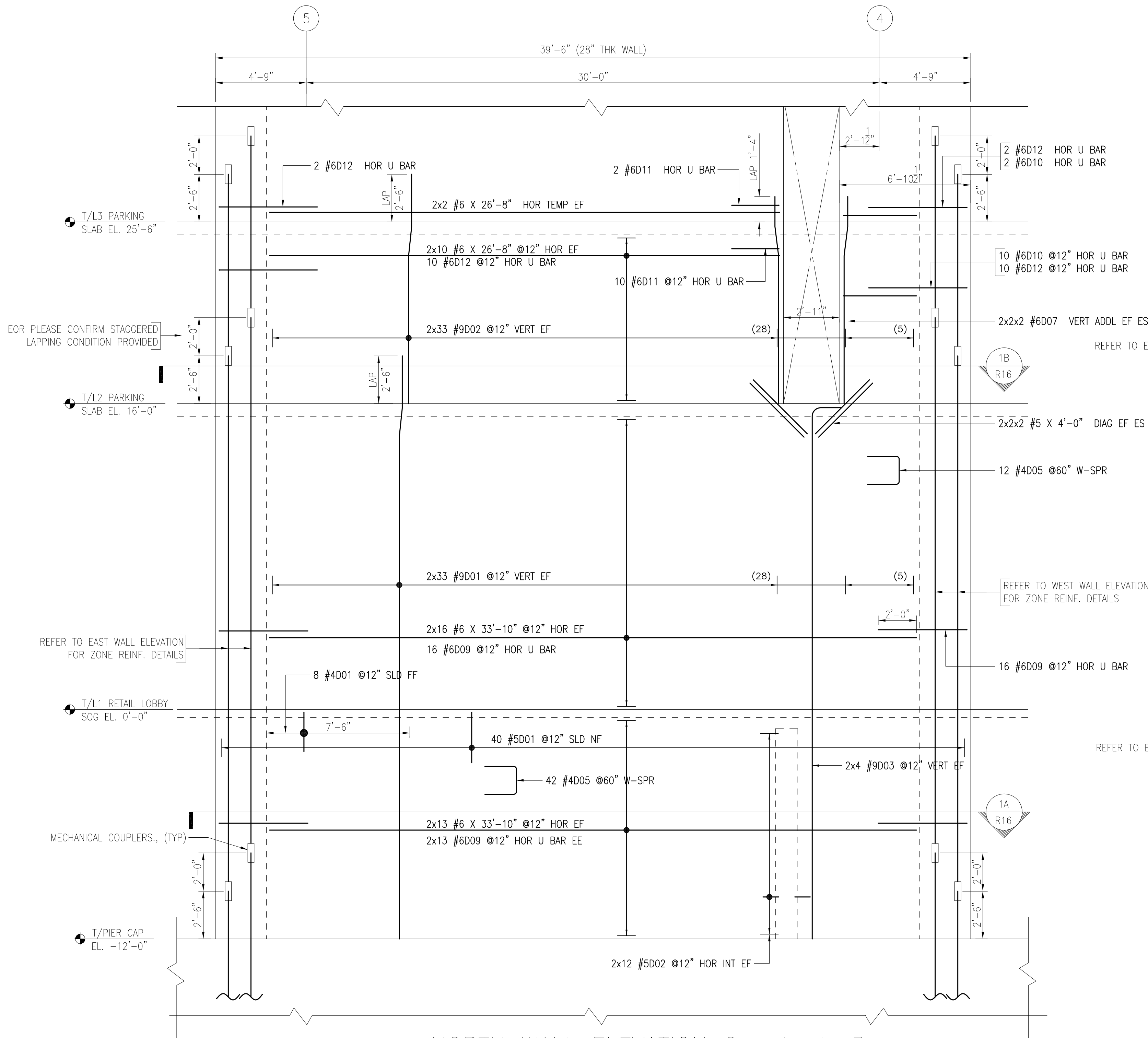




NORTH WALL ELEVATION Cap to Lv.3

REF: S120, S200, S205 (05/06/16)

LAP NOTES:

LAP VALUES AS PER SHEET NO. S301

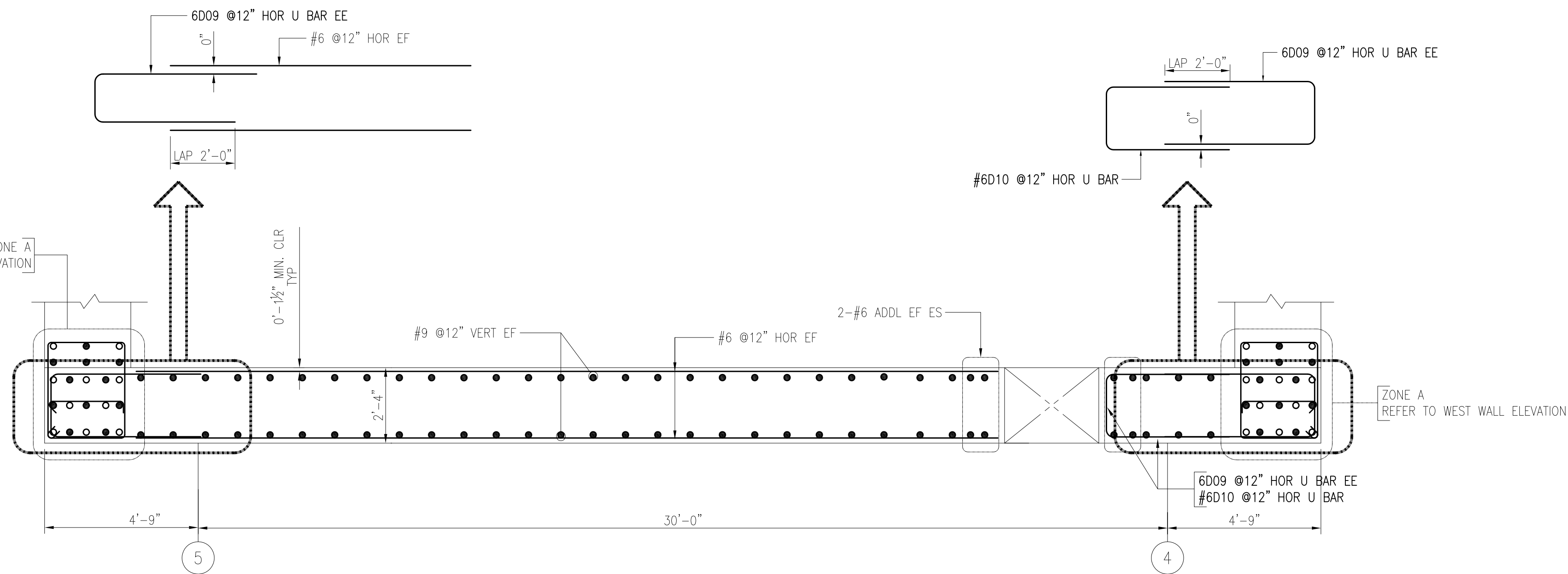
LAP VALUE 10000 PSI FOR GR.60		
SIZE	TOP	OTHERS
#3	16"	16"
#4	21"	16"
#5	26"	20"
#6	32"	24"
#7	46"	36"
#8	51"	39"
#9	58"	45"
#10	64"	51"
#11	71"	56"

Ld VALUE 10000 PSI FOR LINK BEAMS GR.60		
SIZE	TOP	OTHERS
#3	12"	12"
#4	16"	12"
#5	20"	15"
#6	24"	18"
#7	35"	27"
#8	39"	30"
#9	44"	34"
#10	49"	39"
#11	54"	43"

LEGENDS:

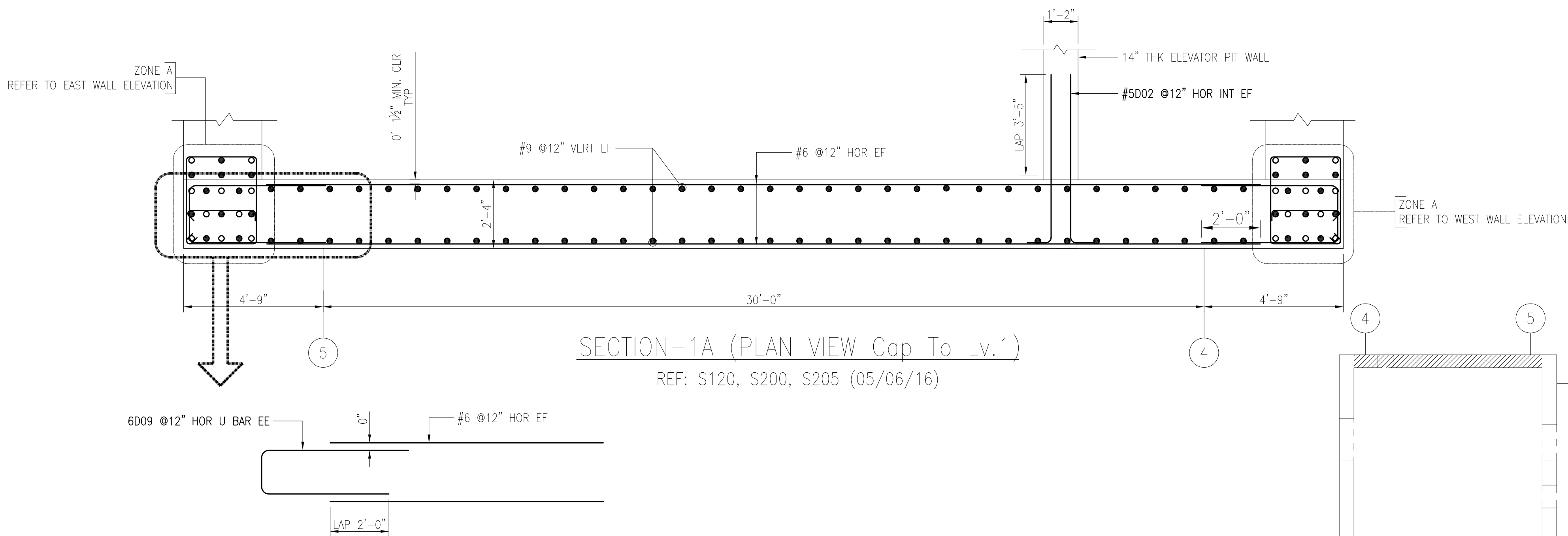
- BOT - BOTTOM
- CLR - CLEAR
- DWLS - DOWELS
- DIAG - DIAGONAL
- EE - EACH END
- EF - EACH FACE
- ES - EACH SIDE
- FB - FACE BARS
- HOR - HORIZONTAL
- INT - INTERSECTING BAR
- OPNG - OPENING
- T/GB - TOP OF GRADE BEAM
- UNO - UNLESS NOTED OTHERWISE
- VERT - VERTICAL
- W-SPR - WALL SPREADER
- LW - LONG WAY
- SW - SHORT WAY
- SLD - SLAB DOWEL
- NF - NEAR FACE
- FF - FAR FACE

Bars Marked (75) are ASTM A615 Grade 75 Uncoated U.N.O.



SECTION-1B (PLAN VIEW Lv.2 To Lv.3)

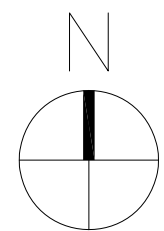
REF: S120, S200, S205 (05/06/16)



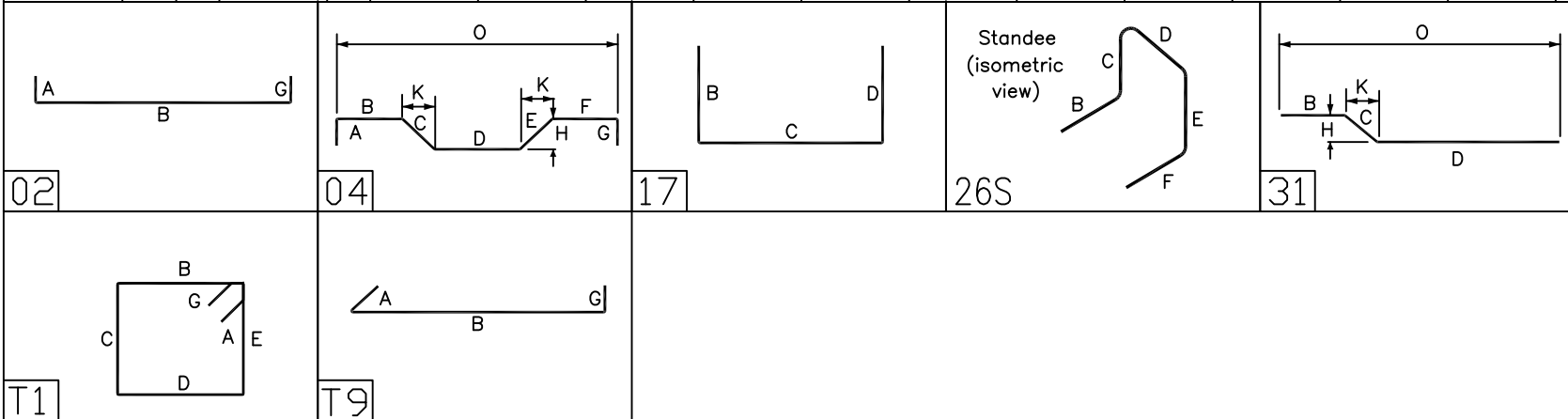
SECTION-1A (PLAN VIEW Cap To Lv.1)

REF: S120, S200, S205 (05/06/16)

SHEAR WALL KEY PLAN



Release Code: R16			BENDING DETAILS.													
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'
4001	8	#4	47'	T		21"	21"									
4005	54	#4	710 1/2'	26S		16"	18 1/2"	16"	18 1/2"	16"						
5001	40	#5	54'	T		28"	28"									
5002	24	#5	67'	T	0'0"	59"										
5003	10	#5	64'	T	0'0"	56"										
6007	8	#6	10'10 1/2'	31		17"	16 1/2"	79"								
6009	58	#6	11'1'	31		48"	29"	48"				0'3"		16"	10'10"	
6010	12	#6	9'8"	31		3'8"	29"	3'10"								
6011	12	#6	7'0"	31		2'6"	29"	2'6"								
6012	24	#6	12'1'	31		52"	29"	52"								
9001	66	#9	30'6 1/2'	31		29"	16 1/2"	26'3"				0'3"		16"	20'6"	
9002	66	#9	12'0 1/2'	31		29"	16 1/2"	79"				0'3"		16"	12'0"	
9003	8	#9	29'5 1/2'	2	17"	27'10"										

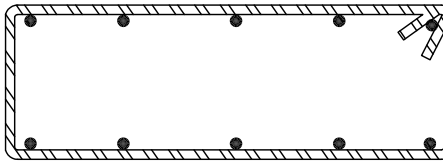


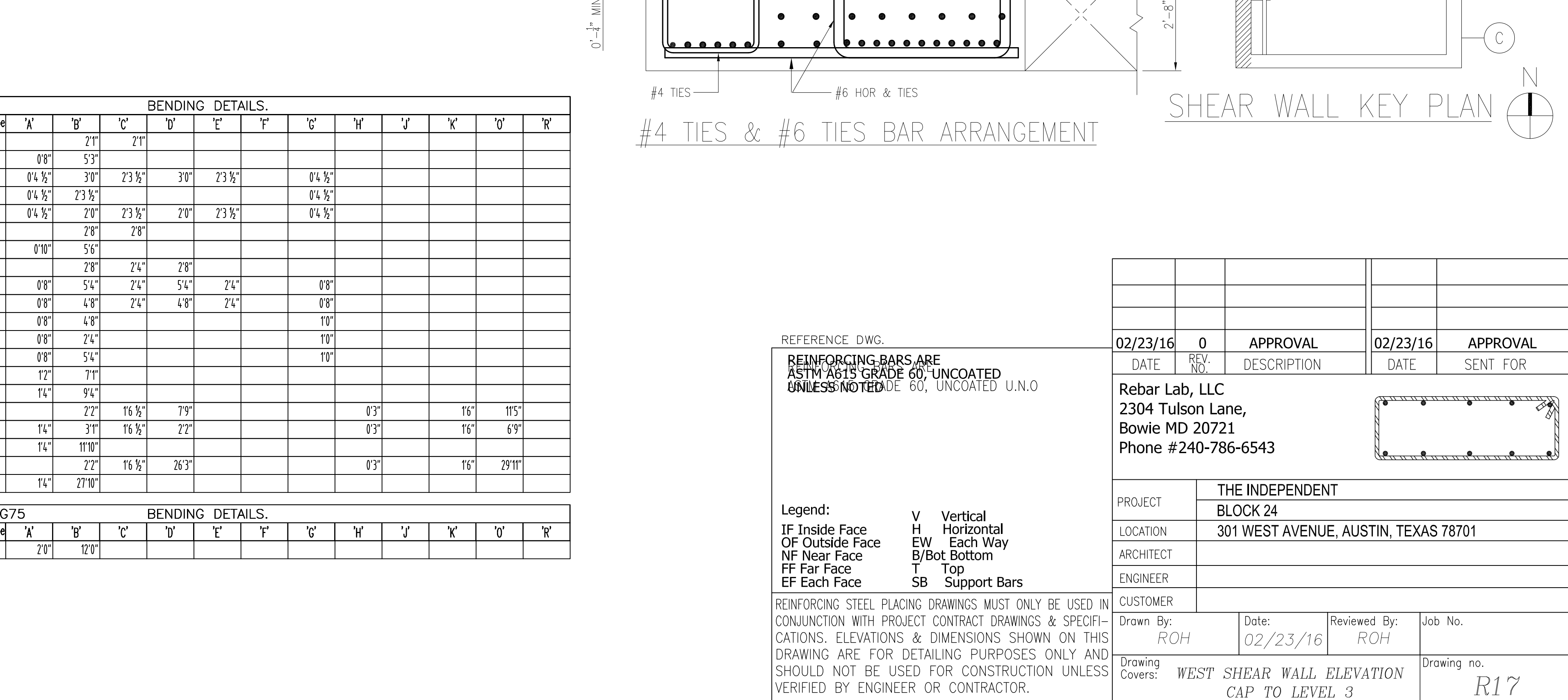
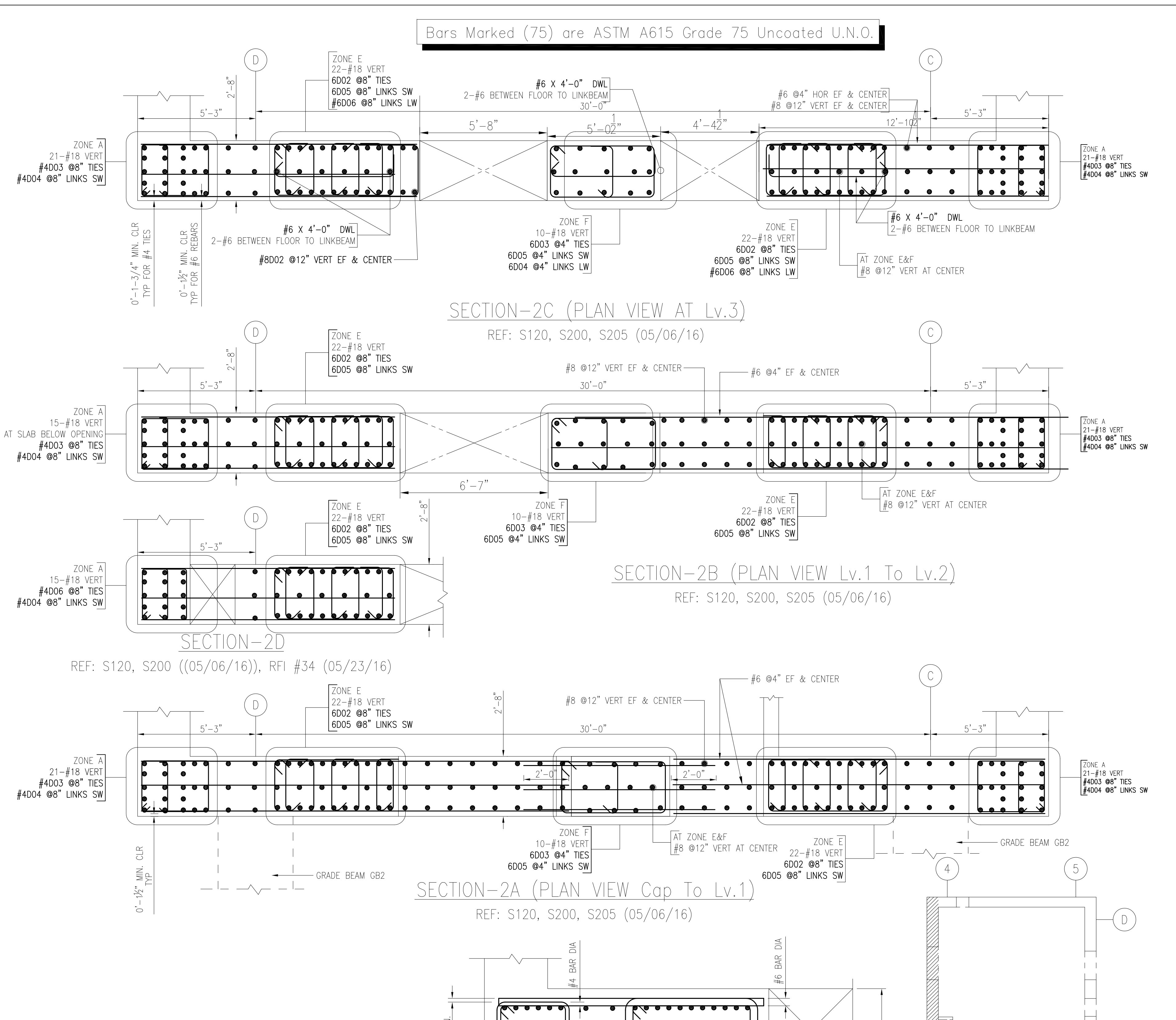
REFERENCE D.W.G.

REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE

Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face
V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

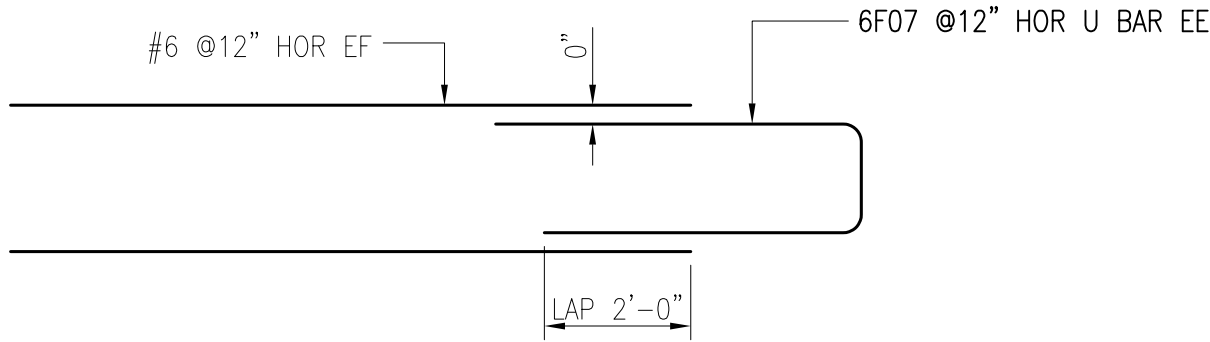
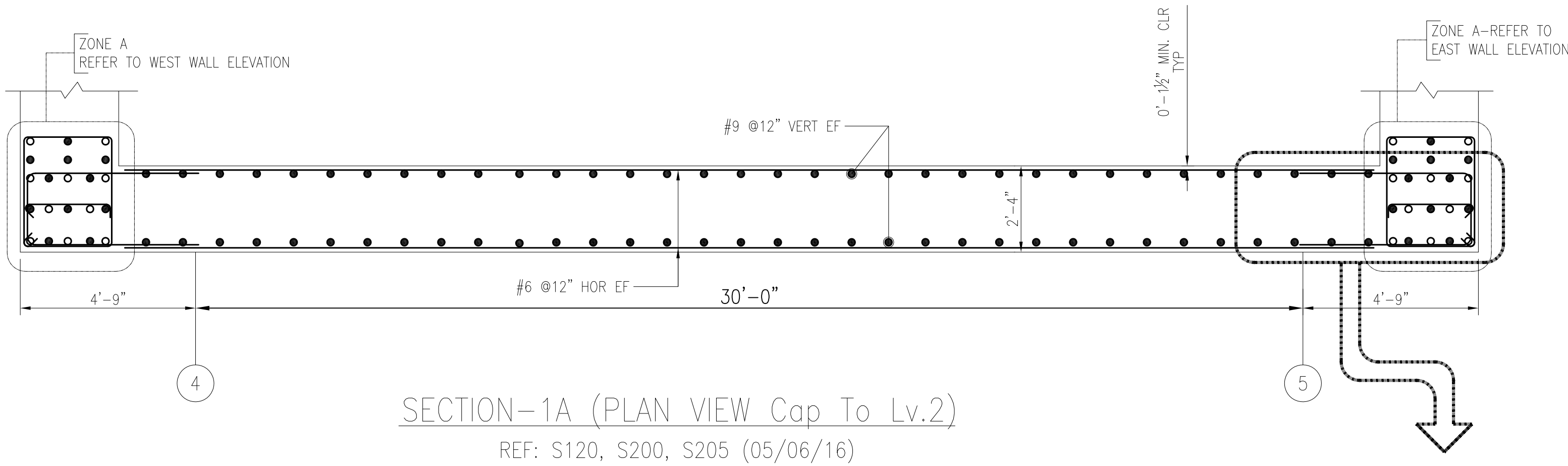
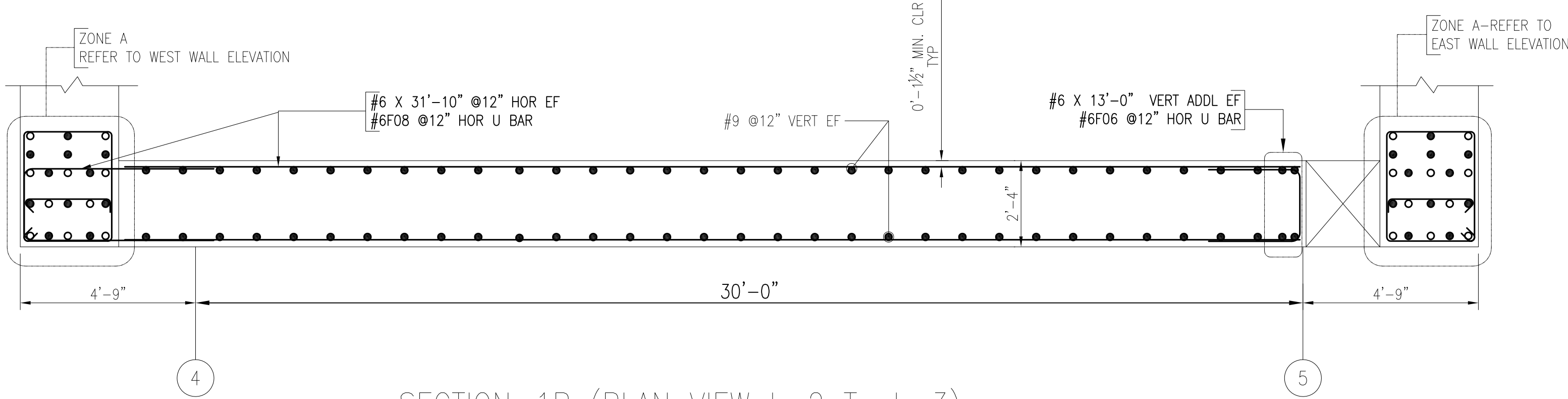
REINFORCING STEEL PLACING DRAWINGS MUST ONLY BE USED IN CONJUNCTION WITH PROJECT CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

02/23/16	0	APPROVAL	02/23/16	APPROVAL	
DATE	REV NO	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
					
PROJECT	THE INDEPENDENT				
	BLOCK 24				
LOCATION	301 WEST AVENUE, AUSTIN, TEXAS 78701				
ARCHITECT					
ENGINEER					
CUSTOMER					
Drawn By:	Date:	Reviewed By:	Job No.		
ROH	02/23/16	ROH			
Drawing Covers:	NORTH SHEAR WALL ELEVATION CAP TO LEVEL 3				R16



Bars Marked (75) are ASTM A615 Grade 75 Uncoated U.N.O.

Release Code: R18				BENDING DETAILS.											
Bar Mark	Qty	Size	length	type	'a'	'b'	'c'	'd'	'e'	'f'	'g'	'h'	'i'	'j'	'k'
4F04	80	#4	4'21"	T		2'1"	2'1"								
4F05	68	#4	7'10 1/2"	S		16"	18 1/2"	16"	18 1/2"	16"					
5F03	55	#5	5'10'12"		0'10"	5'0"									
5F04	10	#5	6'4'12"		0'10"	5'6"									
6F06	10	#6	7'0'17"			2'6"	2'0"	2'6"							
6F07	56	#6	11'4'17"			4'8"	2'0"	4'8"							
6F08	34	#6	12'4'17"			5'2"	2'0"	5'2"							
9F02	6	#9	2'9'10'12"		1'7"	28'3"									
9F03	66	#9	30'5 1/2'31"			2'9"	16 1/2"	26'3"				0'3"		16'	30'6"
9F04	66	#9	2'15 1/2'31"			2'9"	16 1/2"	17'3"				0'3"		16'	21'6"
9F05	6	#9	12'0 1/2'31"			2'9"	16 1/2"	7'9"				0'3"		16'	12'0"
				Stondee (isometric view)											
				02 04 17 26S 31											



LAP NOTES:
LAP VALUES AS PER SHEET NO. S301
FOR SHEAR WALLS & COLUMNS:

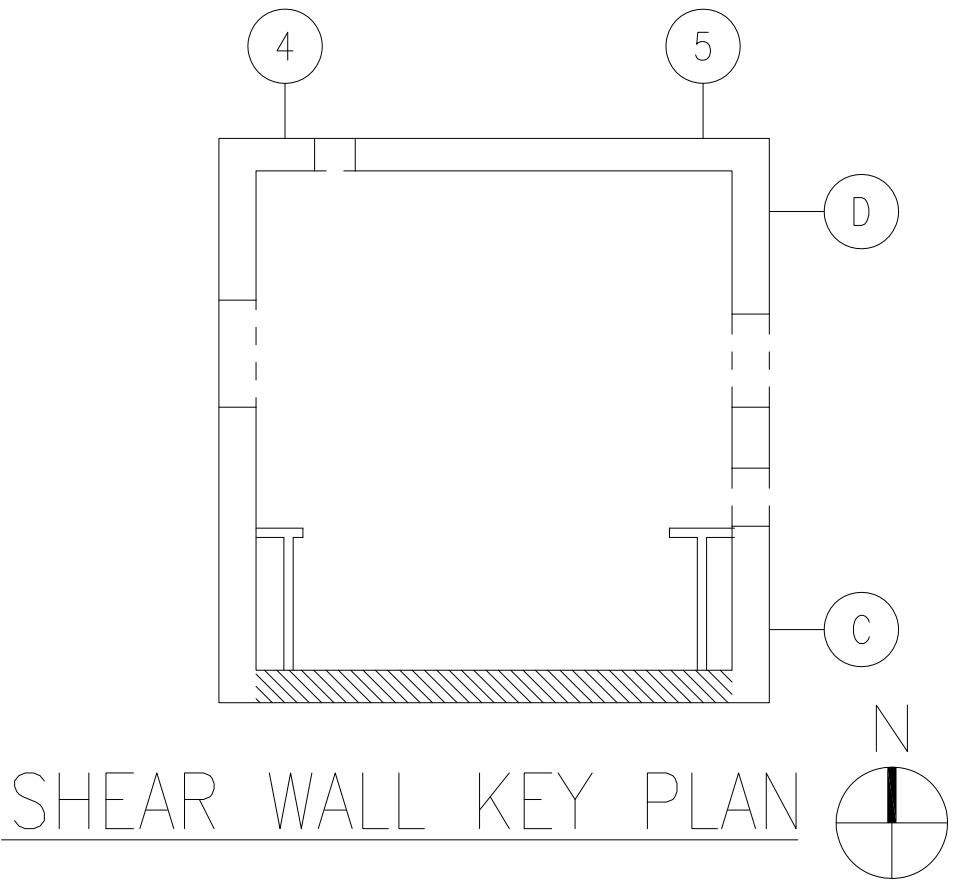
SIZE	VERTICALS
#5	16"
#6	16"
#7	21"
#8	23"
#9	30"
#10	36"
#11	44"

LAP VALUE 10000 PSI FOR GR.60		
SIZE	TOP	OTHERS
#3	16"	16"
#4	21"	16"
#5	26"	20"
#6	32"	24"
#7	46"	36"
#8	51"	39"
#9	58"	45"
#10	64"	51"
#11	71"	56"

Ld VALUE 10000 PSI FOR LINK BEAMS GR.60		
SIZE	TOP	OTHERS
#3	12"	12"
#4	16"	12"
#5	20"	15"
#6	24"	18"
#7	35"	27"
#8	39"	30"
#9	44"	34"
#10	49"	39"
#11	54"	43"

LEGENDS:

BOT - BOTTOM
CLR - CLEAR
DWLS - DOWELS
DIAG - DIAGONAL
EE - EACH END
EF - EACH FACE
ES - EACH SIDE
FB - FACE BARS
HOR - HORIZONTAL
INT - INTERSECTING BAR
OPNG - OPENING
T/GB - TOP OF GRADE BEAM
UNO - UNLESS NOTED OTHERWISE
VERT - VERTICAL
W-SPR - WALL SPREADER
LW - LONG WAY
SW - SHORT WAY
SLD - SLAB DOWEL
NF - NEAR FACE
FF - FAR FACE
FB - FACE BAR



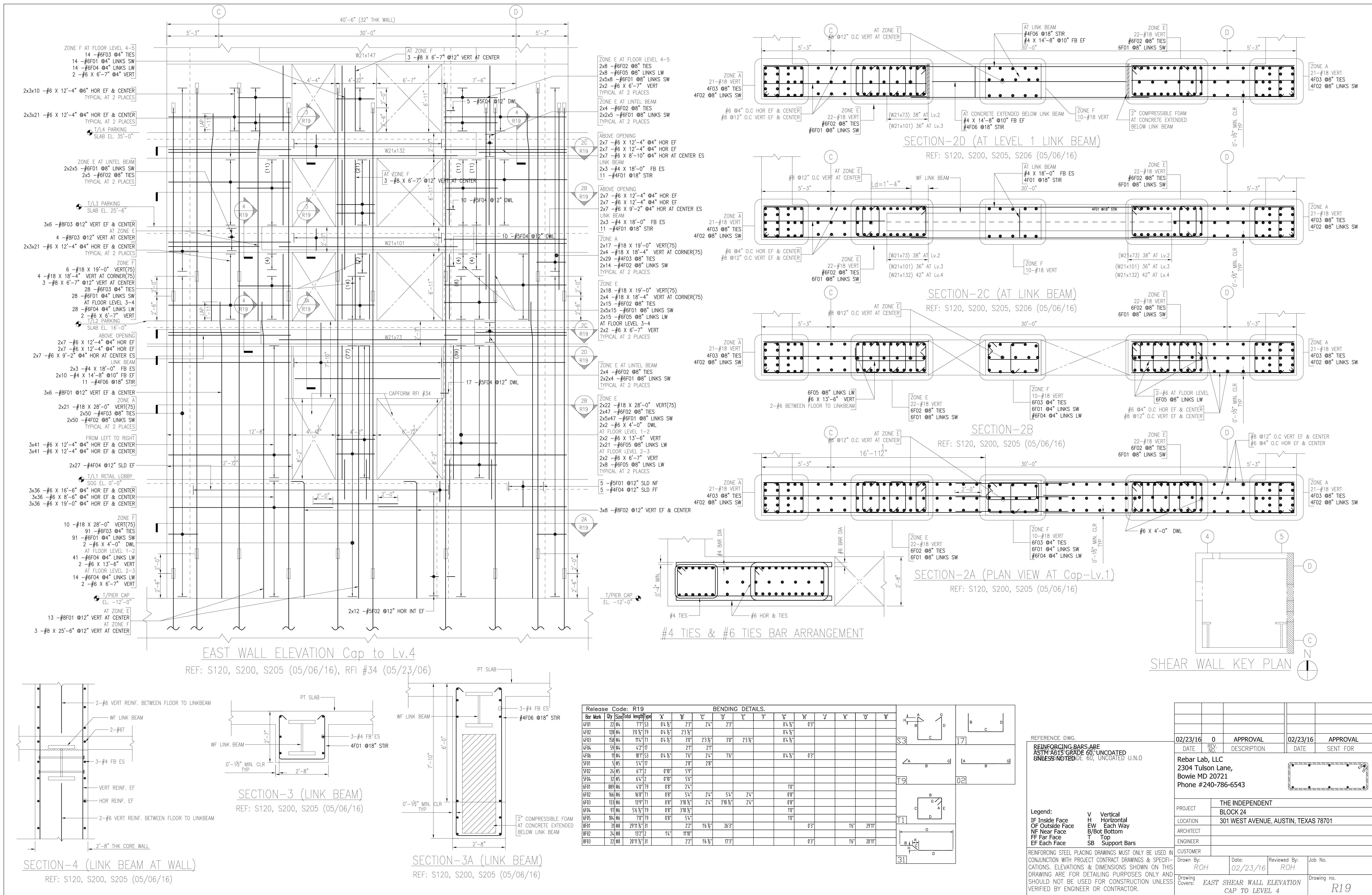
REFERENCE DWG.
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE.

Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face

V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

REINFORCING STEEL PLACING DRAWINGS MUST ONLY BE USED IN CONJUNCTION WITH PROJECT CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

02/23/16	0	APPROVAL	02/23/16	APPROVAL
DATE	REV.	DESCRIPTION	DATE	SENT FOR
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543				
PROJECT THE INDEPENDENT				
LOCATION BLOCK 24				
ARCHITECT 301 WEST AVENUE, AUSTIN, TEXAS 78701				
ENGINEER				
CUSTOMER				
Drawn By: ROH	Date: 02/23/16	Reviewed By: ROH	Job No.	
Drawing Covers: SOUTH SHEAR WALL ELEVATION CAP TO LEVEL 4				Drawing no. R18



LAP NOTES:
LAP VALUES AS PER SHEET NO. S301

SPLICE LAP 4000 PSI FOR WALLS FOR GRADE 60		
SIZE	TOP	OTHERS
#3	25"	20"
#4	33"	25"
#5	41"	32"
#6	49"	38"
#7	71"	55"
#8	81"	63"
#9	91"	71"
#10	103"	80"
#11	114"	88"

LAP NOTES:
LAP VALUES AS PER SHEET NO. S301

Ld LAP 10000 PSI FOR SHEAR WALLS AND FOR GRADE 60		
SIZE	VERT	
#5	16"	
#6	16"	
#7	21"	
#8	23"	
#9	30"	
#10	36"	
#11	44"	

LAP VALUE 10000 PSI FOR GRADE 60		
SIZE	HORIZONTAL	
#3	16"	
#4	21"	
#5	26"	
#6	32"	
#7	46"	
#8	51"	
#9	58"	
#10	64"	
#11	71"	

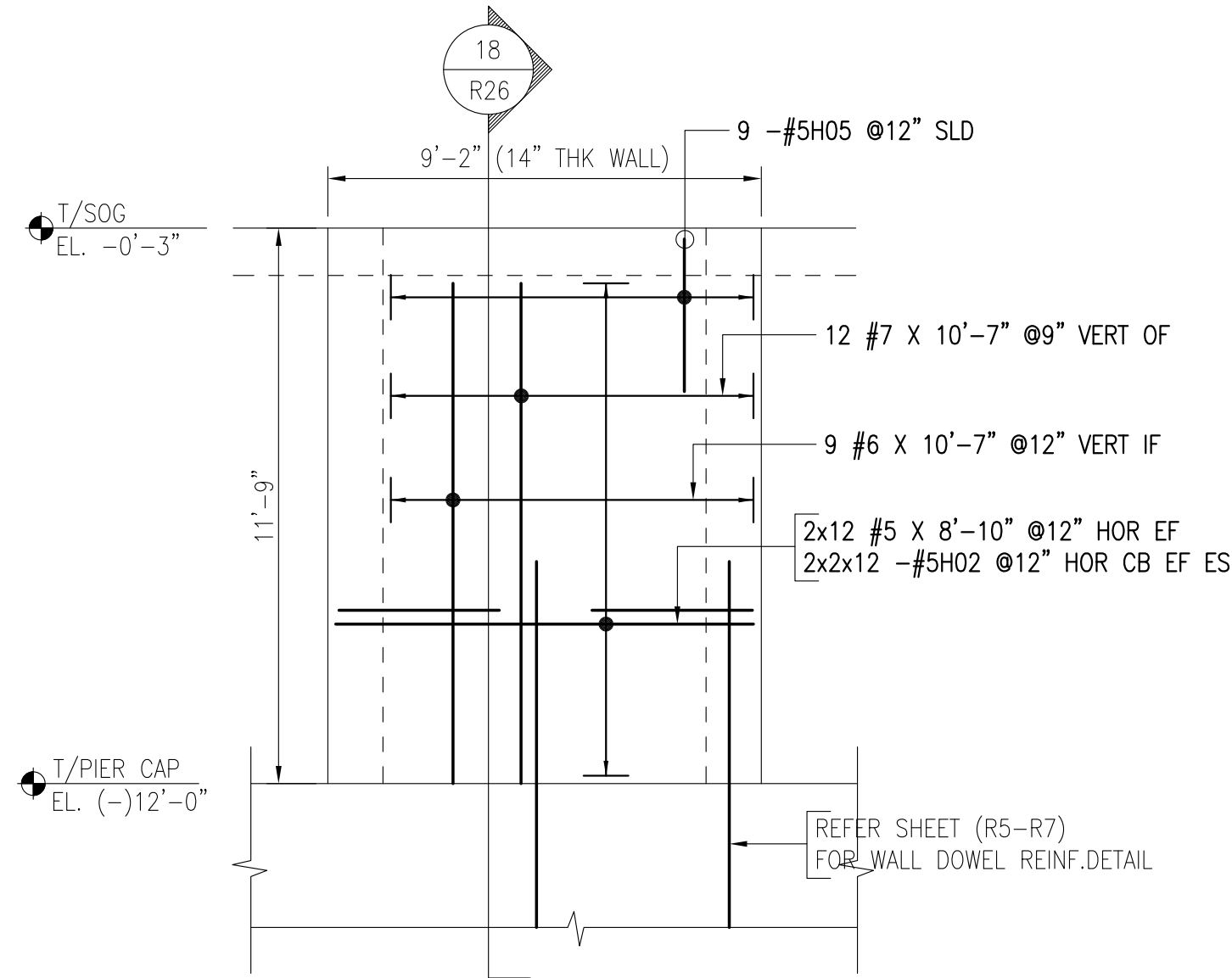
- NOTES:
1. TOP OF PIERCAP = REFER PLAN
 2. TOP OF WALL = REFER ELEVATION
 3. STOCK LENGTH USED #3 AND #4 = 40'-0"
#5 & ABOVE = 60'-0"
 4. LAP SPLICES ARE USED AS PER SHEET S-301 FOR CONCRETE

LEGENDS:

- ADDL - ADDITIONALS
BOT - BOTTOM
CB - CORNER BAR
CONT - CONTINUOUS
DVERT - DOWEL VERTICAL
EF - EACH FACE
ES - EACH SIDE
FTG - FOOTING
HOR - HORIZONTAL
INT - INTERSECTING BAR
REINF - REINFORCEMENT
SLD - SLAB DOWEL
SOG - SLAB ON GRADE
T/PIERCAP - TOP OF PIERCAP
T/SOG - TOP OF SLAB ON GRADE
T/WALL - TOP OF WALL
TS - THICKENED SLAB
UNO - UNLESS NOTED OTHERWISE
VERT - VERTICAL

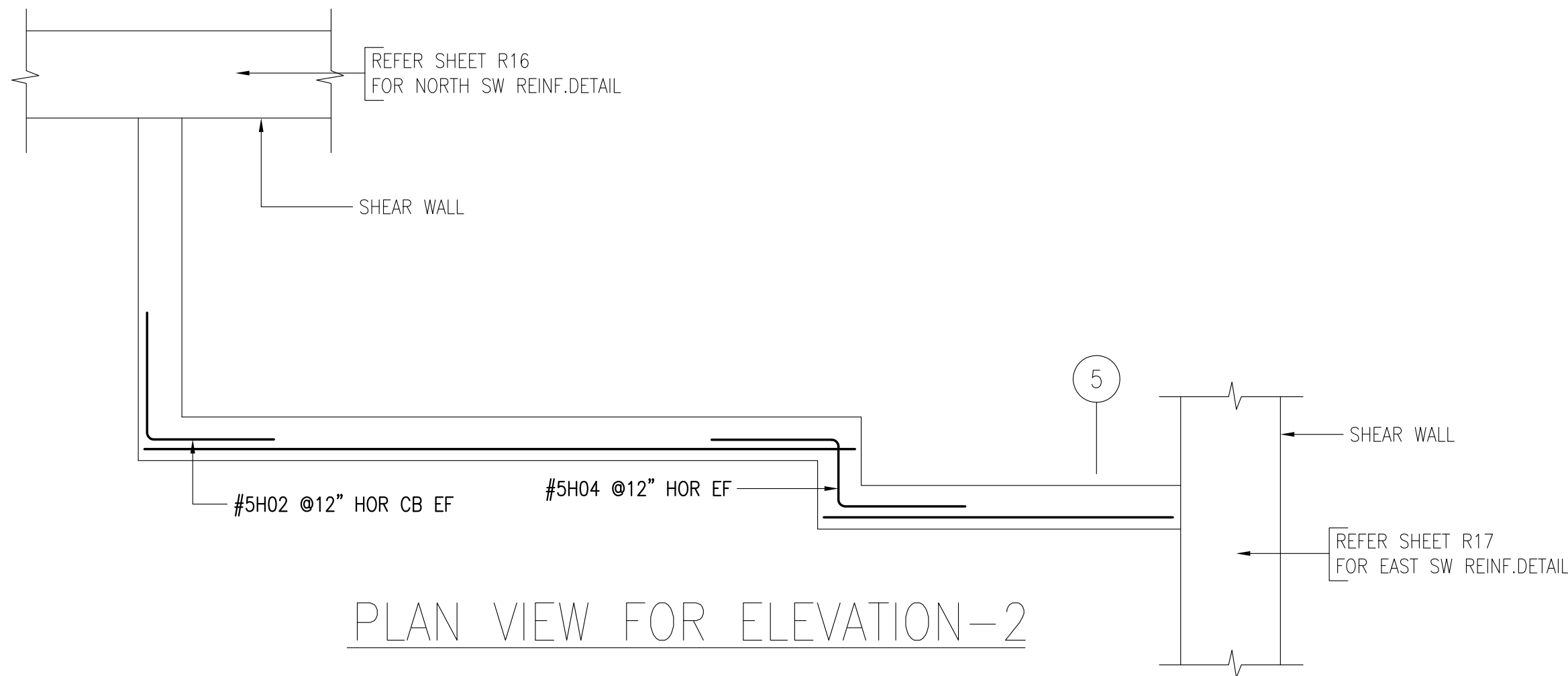
ELEVATOR CONC.WALL & SHEAR WALL ELEVATION KEY PLAN-LEVEL 1

Release Code: R25										BENDING DETAILS.									
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	J'	K'	V'	W'			
SH02	74	#5	6'10"	17			35"	35"											
SH03	37	#5	6'2"	17			28"	36"											
SH04	26	#5	8'8"	20			35"	1'0"	35"										

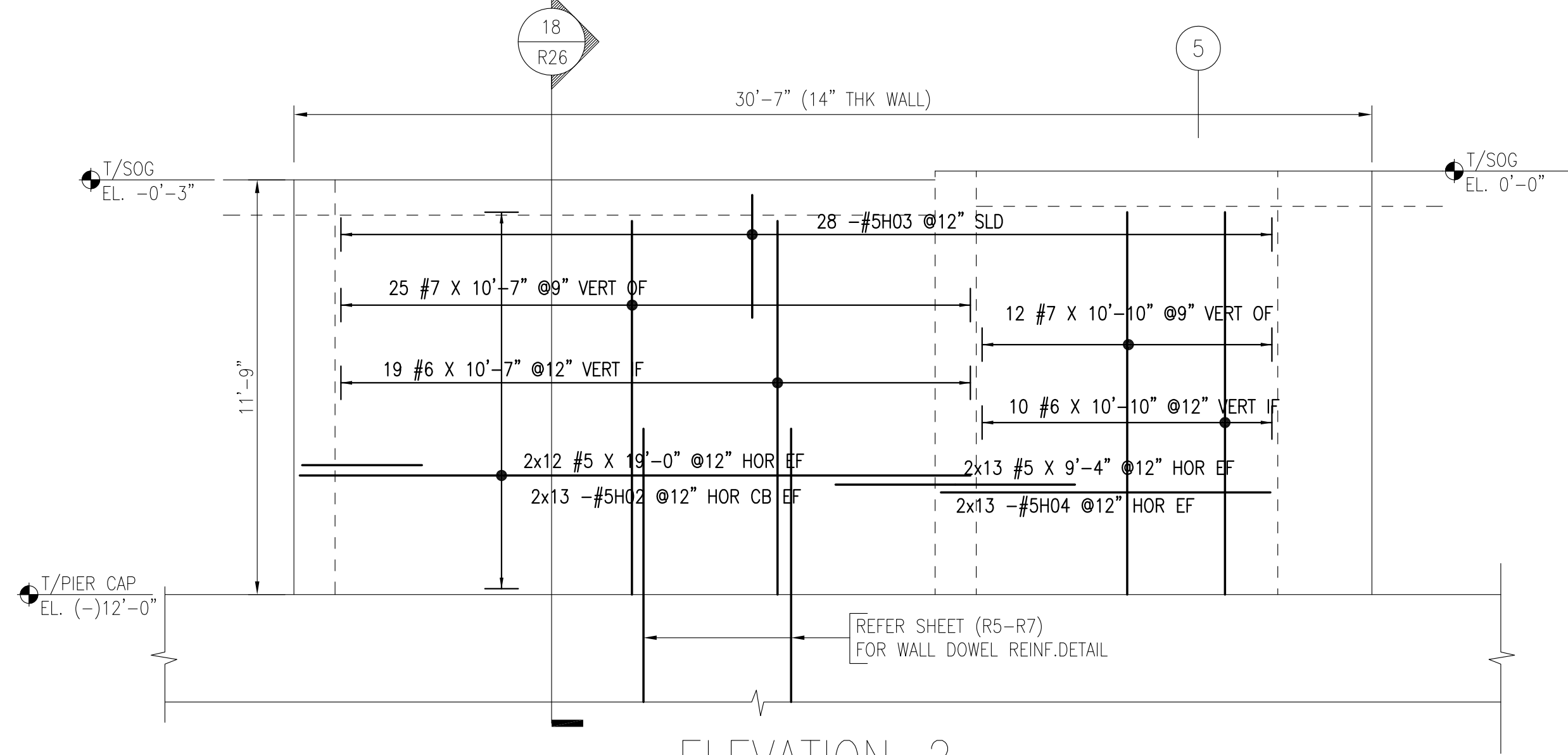


ELEVATION-1

REF: S100, 18/S303 (05/06/16)



PLAN VIEW FOR ELEVATION-2



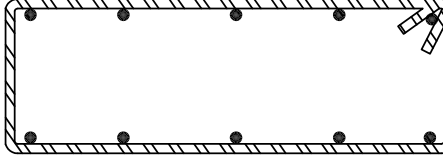
ELEVATION-2

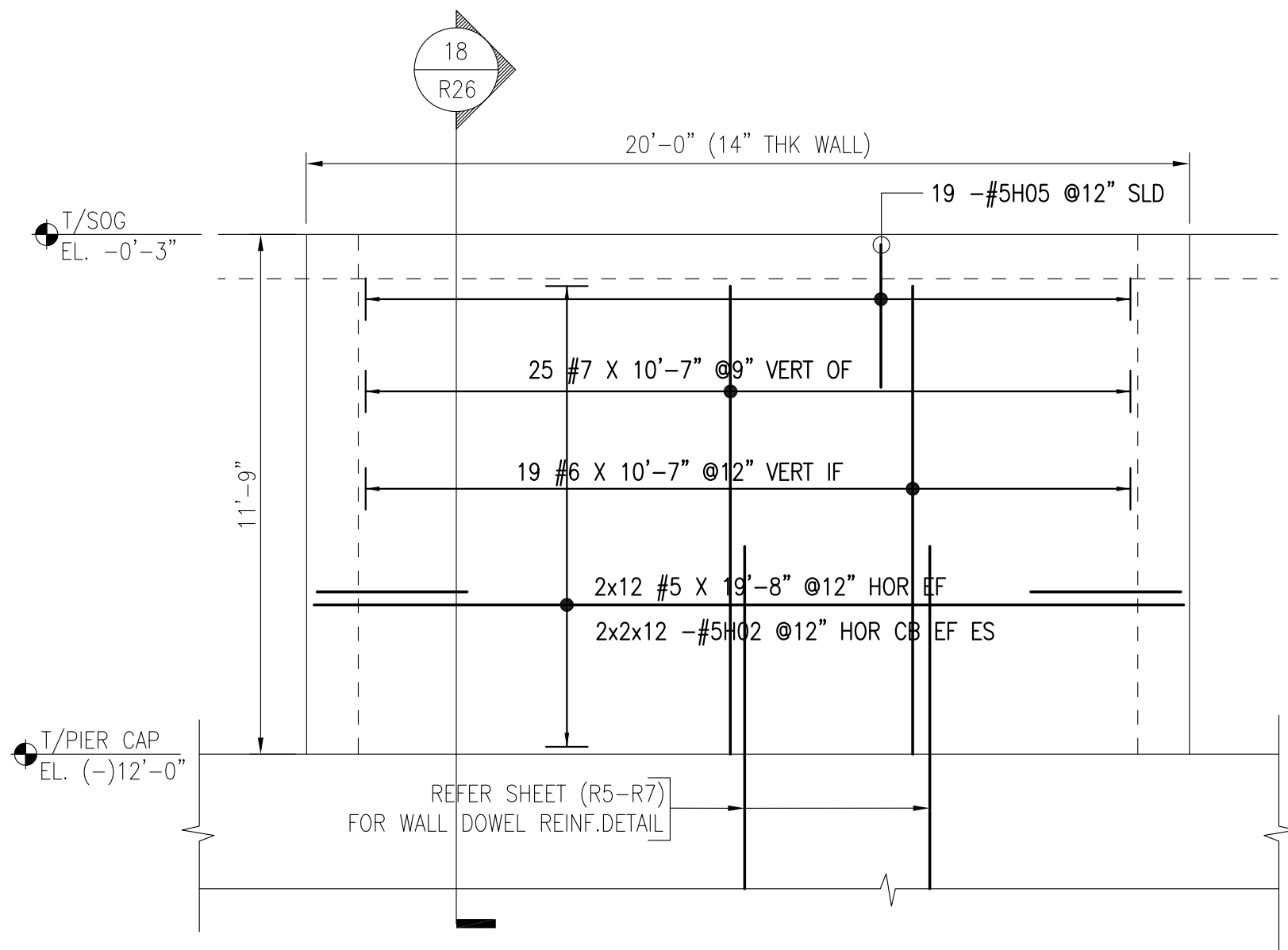
REF: S100, 18/S303 (05/06/16)

REFERENCE DWG.
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE

Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face
V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

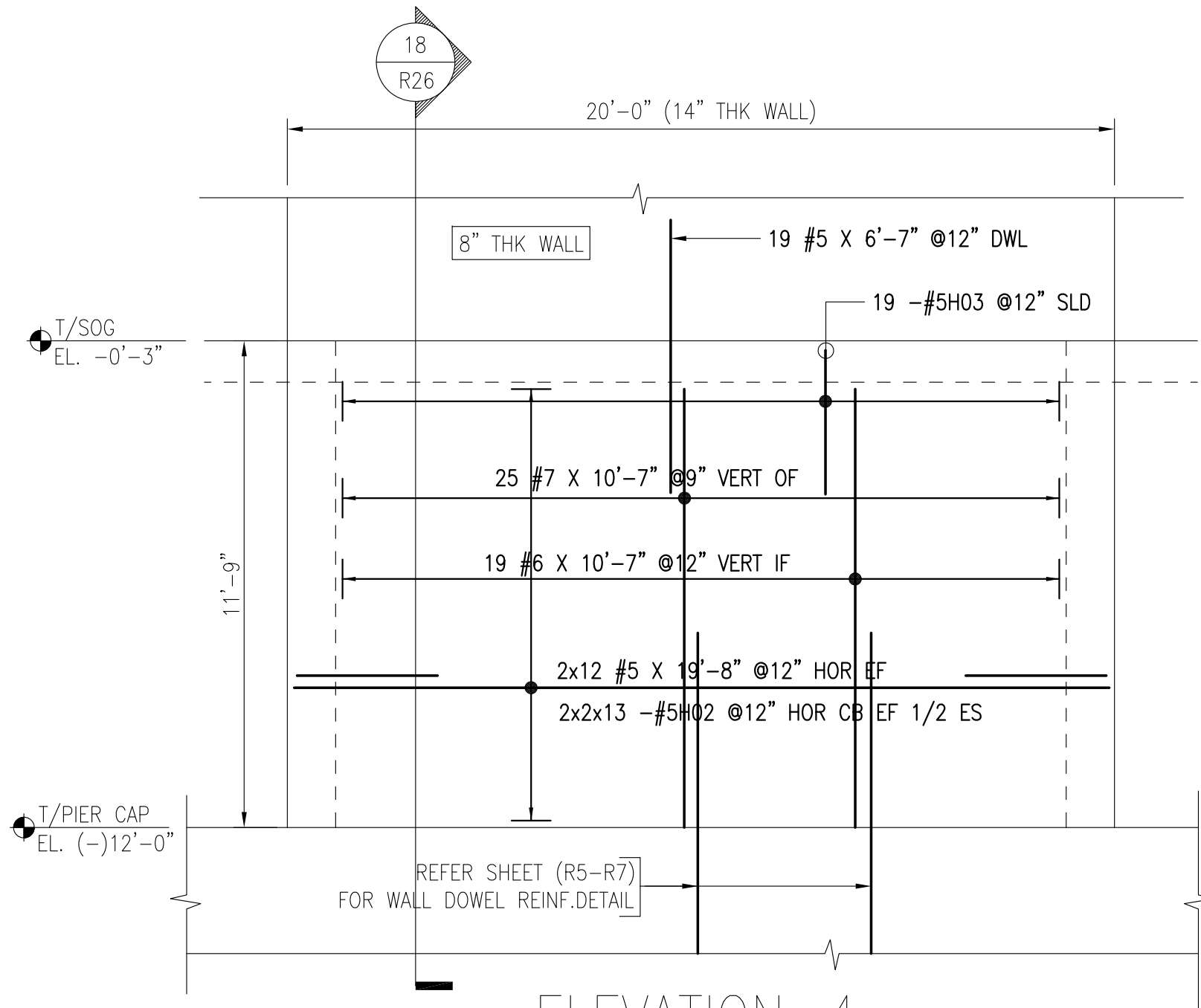
REINFORCING STEEL PLACING DRAWINGS MUST ONLY BE USED IN CONJUNCTION WITH PROJECT CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

03/07/16	0	APPROVAL	03/07/16	APPROVAL	
DATE	REV.	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
					
PROJECT	THE INDEPENDENT				
	BLOCK 24				
LOCATION	301 WEST AVENUE, AUSTIN, TEXAS 78701				
ARCHITECT					
ENGINEER					
CUSTOMER					
Drawn By:	Date:		Reviewed By:		Job No.
ROH	03/07/16		ROH		
Drawing Covers: ELEVATOR & SHEARWALL			Drawing no. R25		
REINF. DETAIL-MAIN CORE TO LVL 1					



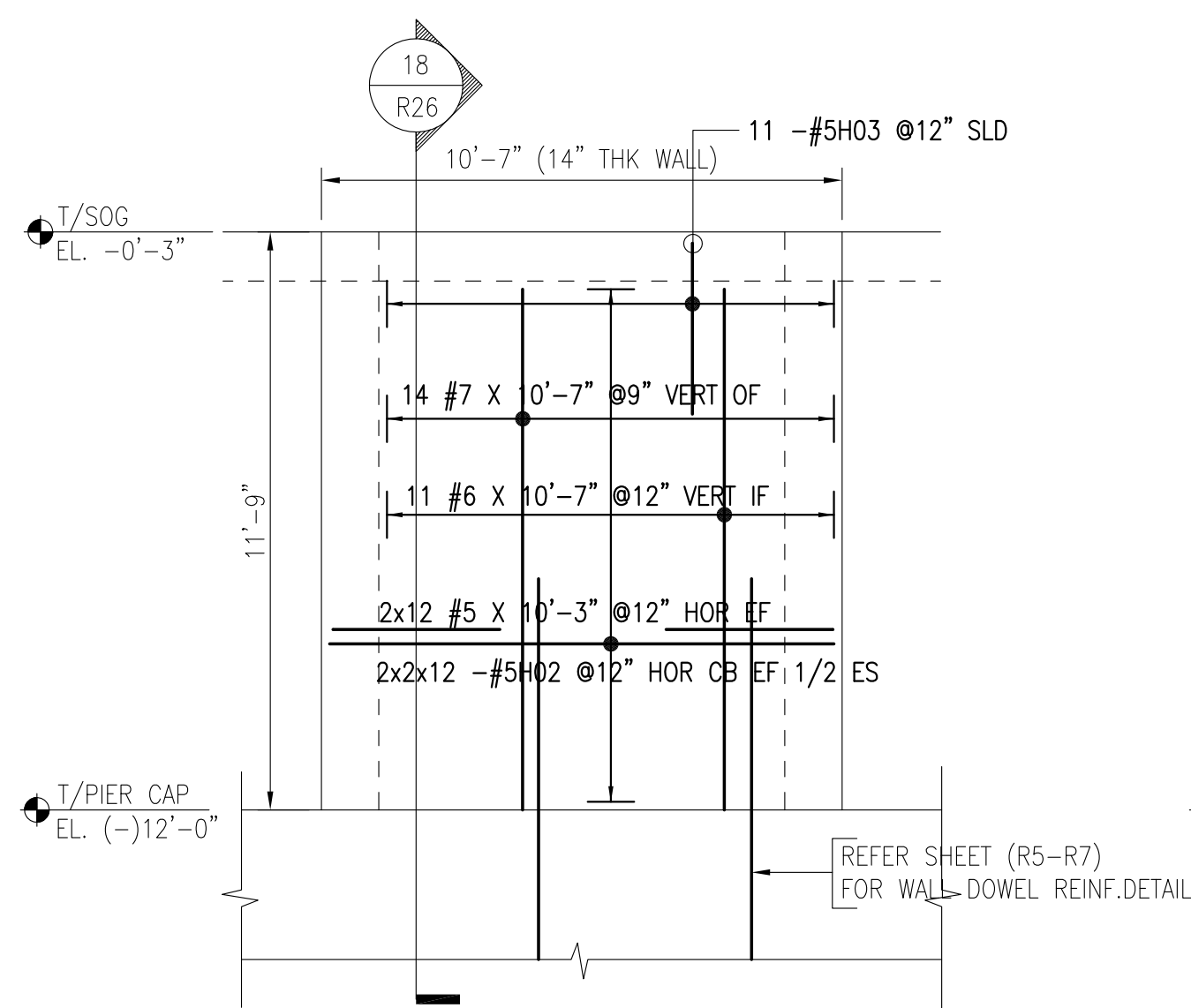
ELEVATION-3

REF: S100, 18/S303 (05/06/16)



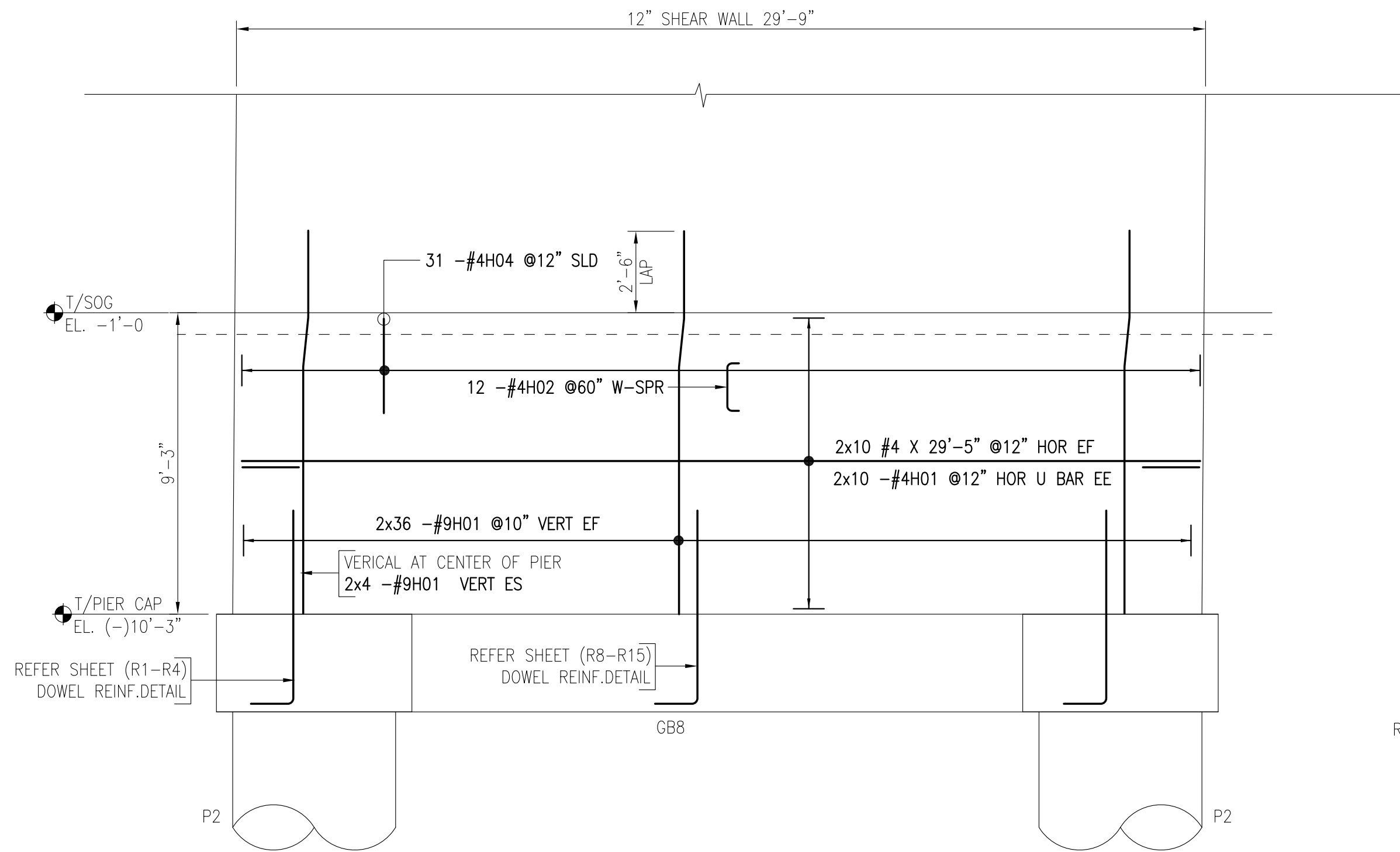
ELEVATION-4

REF: S100, 18/S303 (05/06/16)



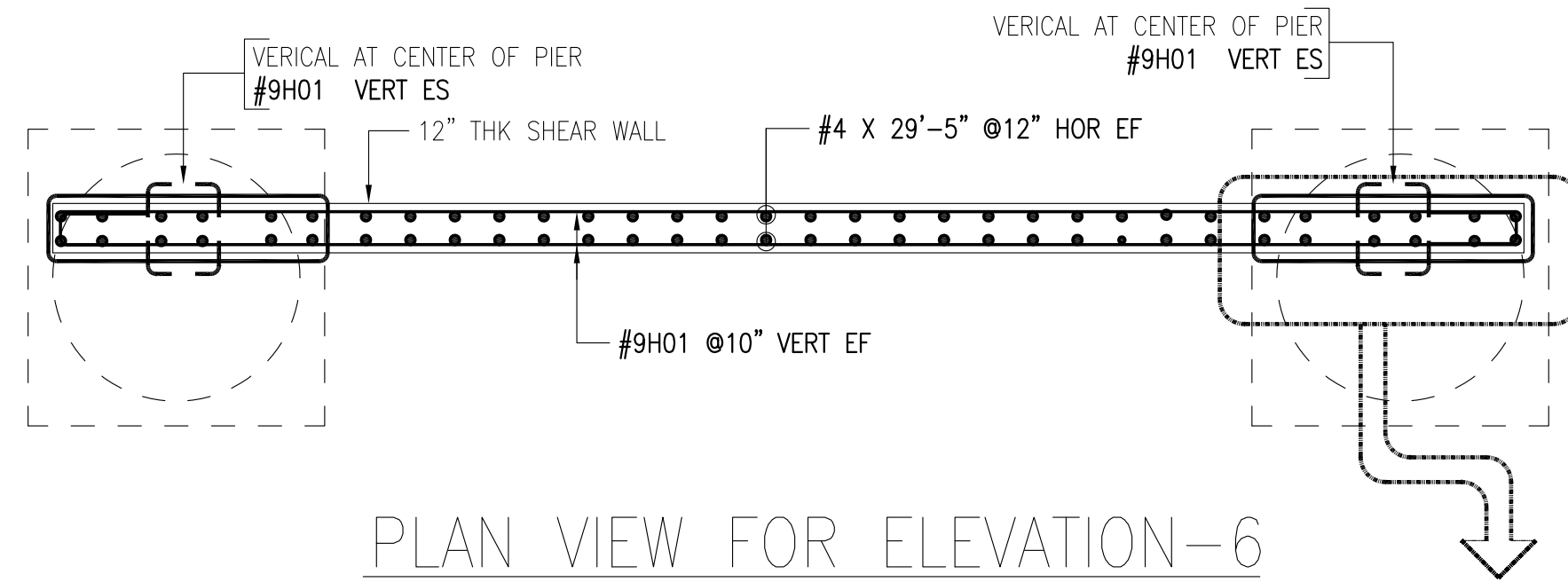
ELEVATION-5

REF: S100, 18/S303 (05/06/16)

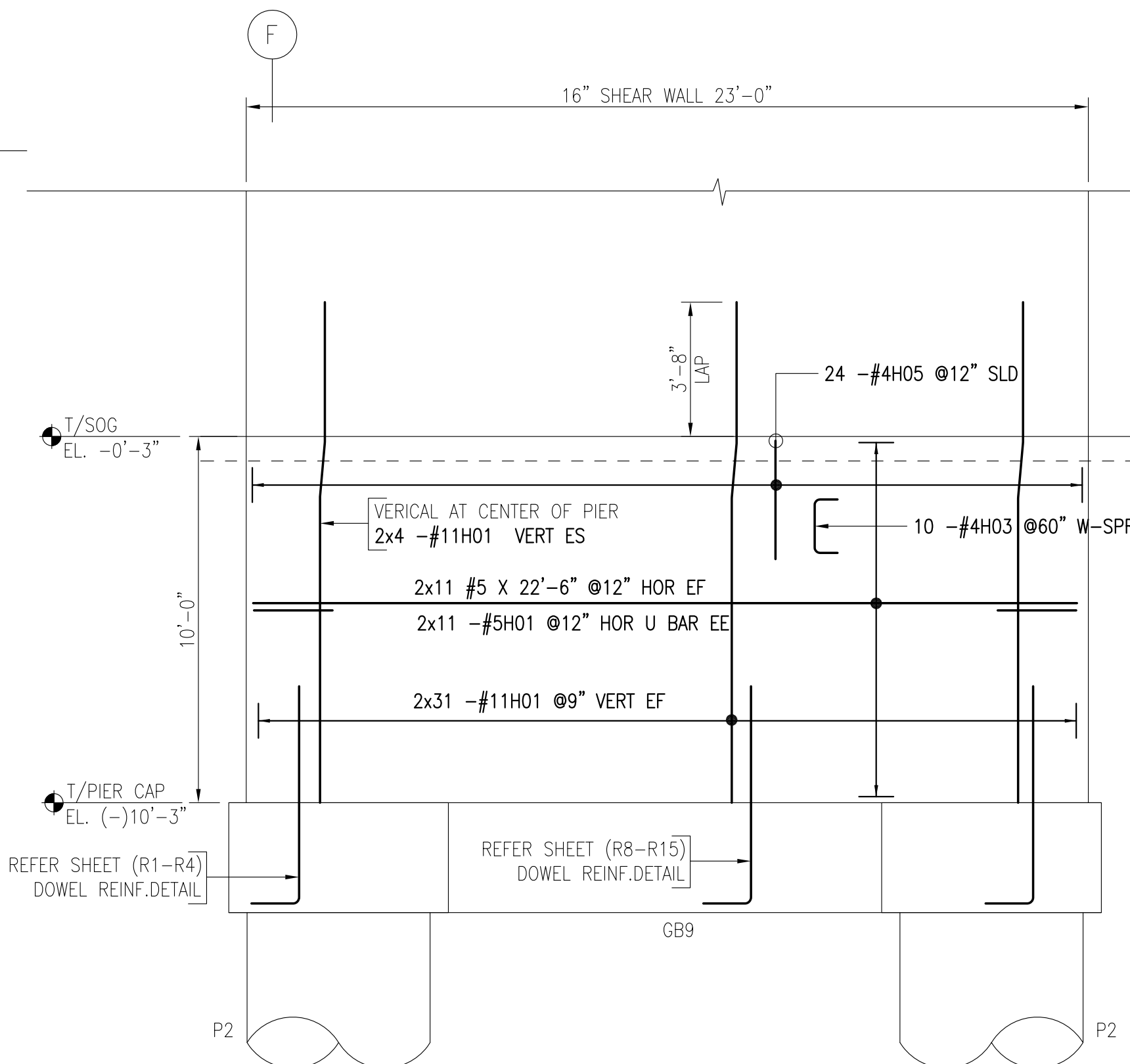
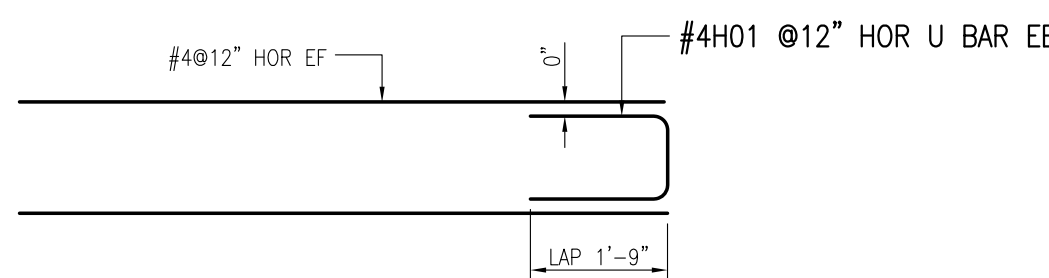


ELEVATION-6

REF: S100, 1/S204 (05/06/16)

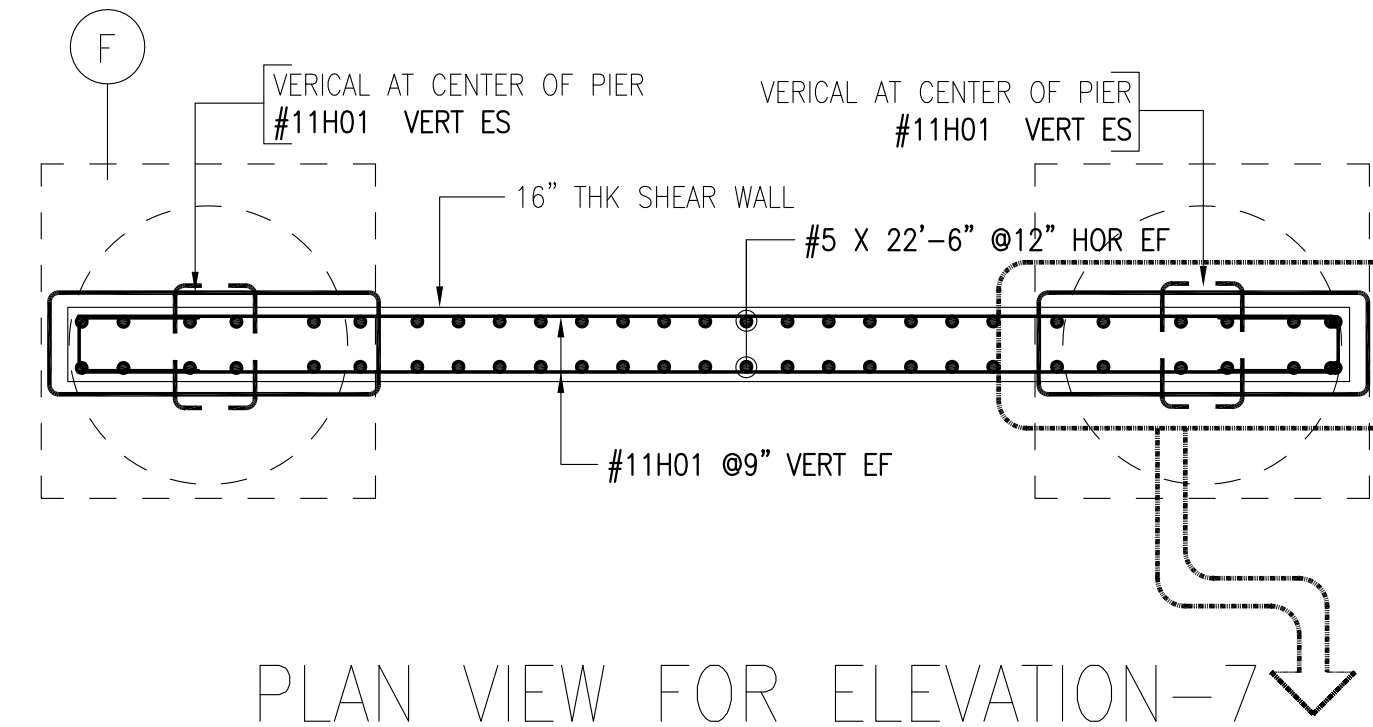


PLAN VIEW FOR ELEVATION-6

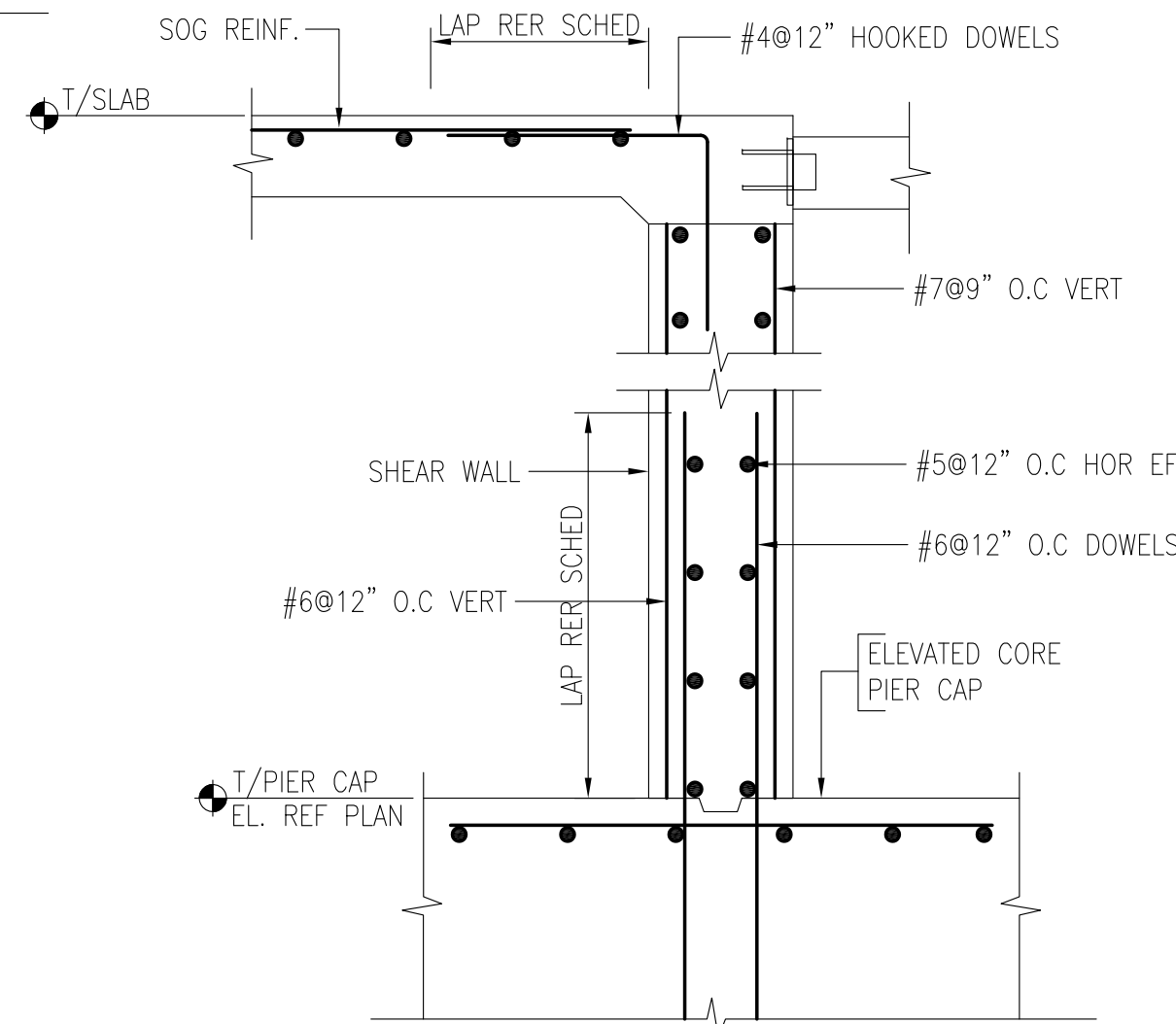
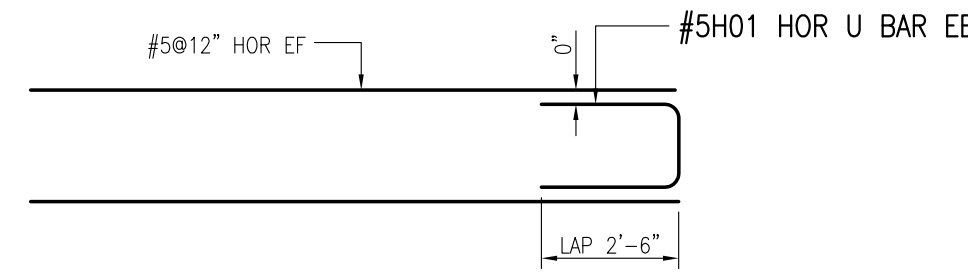


ELEVATION-7

REF: S100, 2/S204 (05/06/16)



PLAN VIEW FOR ELEVATION-7



SECTION-18

ELEVATOR PIT WALL SECTION

REF: 16/S302 (05/06/16)

Release Code: R26				BENDING DETAILS.												
Bar Mark	Qty	Size	Total length	Type	'a'	'b'	'c'	'd'	'e'	'f'	'g'	'h'	'j'	'k'	'l'	'm'
4H01	20	#4	42' 10"		19"	08"	19"	08"	05"	16"						
4H02	12	#4	53 1/2' 265		16"	05"	16"	05"	16"							
4H03	10	#4	51' 0" 265		16"	08"	16"	08"	16"							
4H04	31	#4	37' 2"	08"	21"											
4H05	24	#4	31' 1" 2	08"	33"											
5H01	22	#5	54' 10"		22"	10"	22"									
5H02	186	#5	61' 10"		35"	35"										
5H03	41	#5	62' 10"		28"	36"										
5H05	19	#5	51' 10"		28"	33"										
9H01	80	#9	119 1/2' 31		28"	16 1/2"	77"			03"		16"	11' 9"			
11H01	70	#11	138 1/2' 31		31' 0"	16 1/2"	84"					03"		16"	13' 8"	

17

b

c

d

20

o

B

A

C

D

31

Staldee (isometric view)

B

C

D

E

F

26S

REFERENCE DWG.
REINFORCING BARS ARE
ASTM A615 GRADE 60, UNCOATED
UNLESS NOTED OTHERWISE.

Legend:
IF Inside Face
OF Outside Face
NF Near Face
FF Far Face
EF Each Face

V Vertical
H Horizontal
EW Each Way
B/Bot Bottom
T Top
SB Support Bars

REINFORCING STEEL PLACING DRAWINGS MUST ONLY BE USED IN CONJUNCTION WITH PROJECT CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

03/07/16	0	APPROVAL	03/07/16	APPROVAL	
DATE	REV.	DESCRIPTION	DATE	SENT FOR	
Rebar Lab, LLC 2304 Tulson Lane, Bowie MD 20721 Phone #240-786-6543					
PROJECT THE INDEPENDENT					
LOCATION BLOCK 24					
ARCHITECT 301 WEST AVENUE, AUSTIN, TEXAS 78701					
ENGINEER					
CUSTOMER					
Drawn By: ROH	Date: 03/07/16	Reviewed By: ROH	Job No.		
Drawing Covers: ELEVATOR & SHEARWALL REINF. DETAIL-MAIN CORE TO LVL 1					Drawing no. R26