

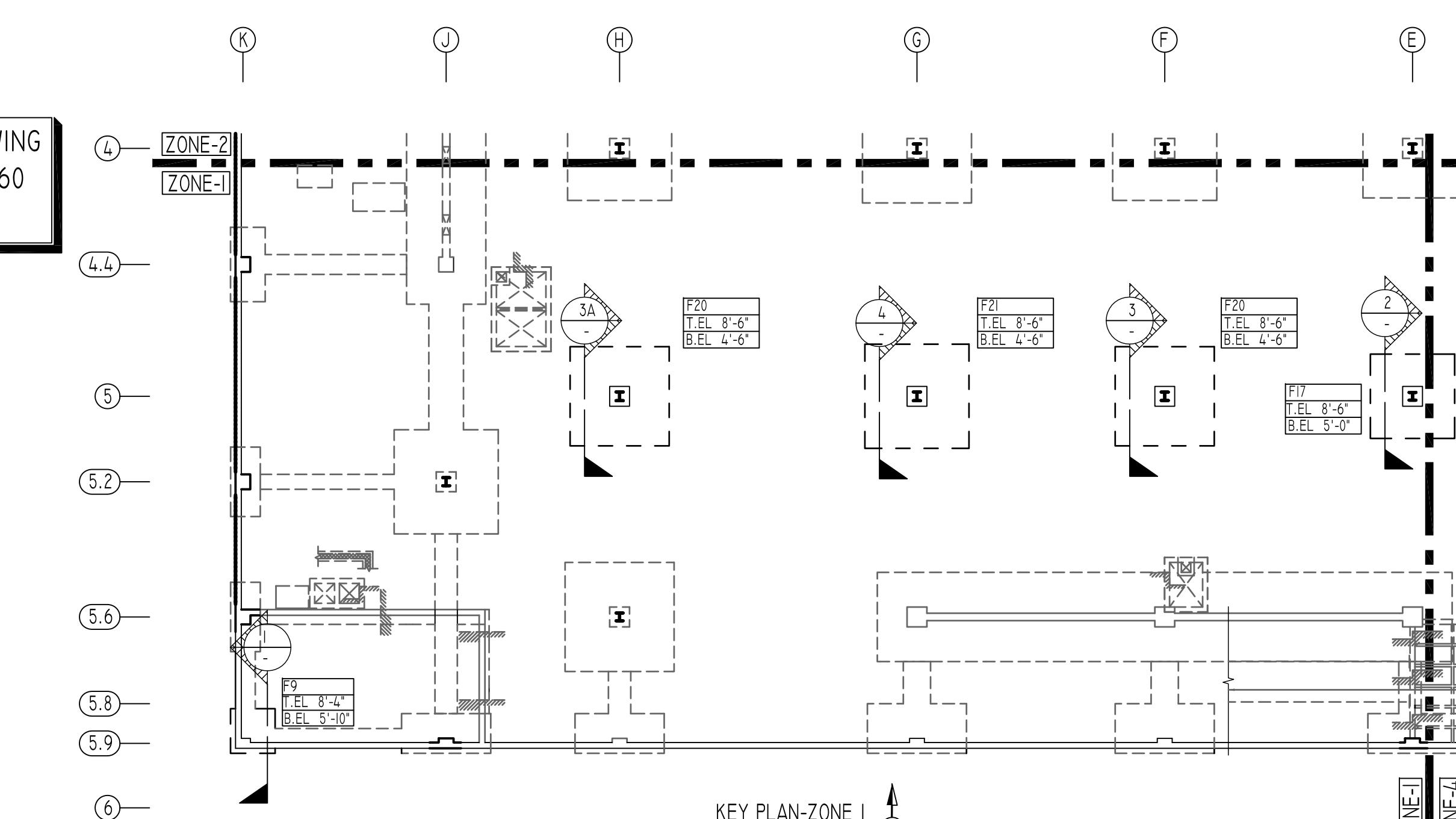
FOR FOOTING		
LAP SCHEDULE		
SIZE	5000 PSI	
	TOP	OTHER
#3	23"	17"
#4	30"	23"
#5	37"	29"
#6	45"	34"
#7	64"	50"
#8	73"	56"
#9	82"	63"
#10	93"	71"
#11	102"	79"

FOOTING SCHEDULE							
TYPE	FOOTING SIZE		BOTTOM REINFORCING		BOTTOM REINFORCING		F'C (KSI)
	LENGTH x WIDTH	DEPTH	LONG WAY	SHORT WAY	LONG WAY	SHORT WAY	
F7	7'-0"x7'-0"	2'-6"	11 - #6	11 - #6	-	-	5
F8	8'-0"x8'-0"	2'-6"	11 - #7	11 - #7	-	-	5
F9	9'-0"x9'-0"	2'-6"	13 - #7	13 - #7	-	-	5
F11	11'-0"x11'-0"	3'-0"	19 - #7	19 - #7	-	-	5
F15	15'-0"x15'-0"	3'-0"	30 - #8	30 - #8	-	-	10
F16	16'-0"x16'-0"	3'-6"	30 - #9	30 - #9	-	-	10
F17	17'-0"x17'-0"	3'-6"	32 - #9	32 - #9	-	-	10
F18	18'-0"x18'-0"	4'-0"	38 - #9	38 - #9	-	-	10
F20	20'-0"x20'-0"	4'-0"	38 - #10	38 - #10	-	-	10
F20A	20'-0"x20'-0"	4'-6"	38 - #10	38 - #10	20 - #7		10
F21	21'-0"x21'-0"	4'-0"	40 - #10	40 - #10	-	-	10
F21A	21'-0"x21'-0"	4'-0"	40 - #10	40 - #10	20 - #7		10
F22	22'-0"x22'-0"	4'-0"	44 - #10	44 - #10	-	-	10
F116	11'-0"x6'-0"	2'-6"	12 - #9	10 - #7	-	-	5
F146	14'-0"x6'-0"	2'-6"	12 - #10	16 - #7	-	-	5
F157	15'-0"x7'-0"	2'-6"	16 - #10	18 - #7	-	-	5
F188	18'-0"x8'-0"	2'-6"	24 - #11	16 - #8	-	-	5
F1410	14'-0"x10'-0"	3'-0"	16 - #10	14 - #8	-	-	5
F2010	20'-0"x10'-0"	3'-0"	30 - #11	16 - #9	-	-	5
F2030	20'-0"x30'-0"	4'-6"	20 - #10	40 - #10	20 - #7	-	10
F2410	24'-0"x10'-0"	3'-0"	24 - #11 2L	20 - #9	-	-	5
WEV	11'-0"x11'-0"	2'-6"	6 - #6	#6@12"	6 - #9	-	-

PIER SCHEDULE				
TYPE	PIER SIZE	REINFORCING		REMARK
	LENGTH x WIDTH	VERTICAL	HORIZONTAL	
P1	36"x36"	24 - #7	#3 @ 14"	
P2	48"x48"	24 - #9	#3 @ 16"	
P3	36"x36"	24 - #7	#4 @ 12"	1.3 LD SPLICE
P4	48"x48"	24 - #9	#4 @ 12"	1.3 LD SPLICE
B1	36"x36"	24 - #7	#3 @ 14"	
B2	24"x36"	16 - #7	#3 @ 14"	
B3	36"x24"	16 - #7	#3 @ 14"	

TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
FOOTINGS AGAINST EARTH	
BOTTOM	3" CLR
TOP	2" CLR
EXPOSED TO EARTH (#5 & SMALLER)	1 1/2" CLR
EXPOSED TO EARTH (#6 & LARGER)	2" CLR
PIER & BUTTRESS (MAIN REINF.)	2" CLR
PIER & BUTTRESS (TIES. REINF.)	1 1/2" CLR
BEAMS (STIRRUPS, MAIN REINF.)	1 1/2" CLR
SLABS,WALLS,JOISTS	1 1/2" CLR

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED



PLAN-ZONE I
0-101.00 (DT: 11/15/19) 

Abbreviations:	
I.F.=Inside Face	OPNG=Opening
O.F.=Outside Face	BAL: Balance
E.F.=Each Face	BTW:Between
DWL=Dowel	CJ=Construction Joint
V=Vertical	CLR: CLEARANCE
H=Horizontal	CMU= Concrete Masonry U
C.B.=Corner Bar	CONT.=Continuous
S.DWL.=Slab Dowel	EA.=Each
E.W.=Each Way	Elev.=Elevation
B/BOT.=Bottom	EMB=Embedment
T=Top	SW = Short Way
MDWL= Masonry Dowel	LW=Long Way
B.B.=Bond Beam	(BL)=Black Bar
A.L.T. = Alternative Treatments	

NOTICE

shortages, improper fabrication or claims for any other reason must be reported to this company within a period of 15 days of delivery. This company reserves the right to field inspect prior to replacement or reconditioning of nonconforming material, and will make changes for breakdown in the field without specific

REINFORCING STEEL PLACING DRAWINGS ONLY USE
IN CONJUNCTION WITH CONTRACT DRAWINGS &
SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN
IN THIS DRAWING ARE FOR DETAILING PURPOSES

REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	02/28/

1000 1000 1000 1000 1000 1000 1000 1000 1000 1000

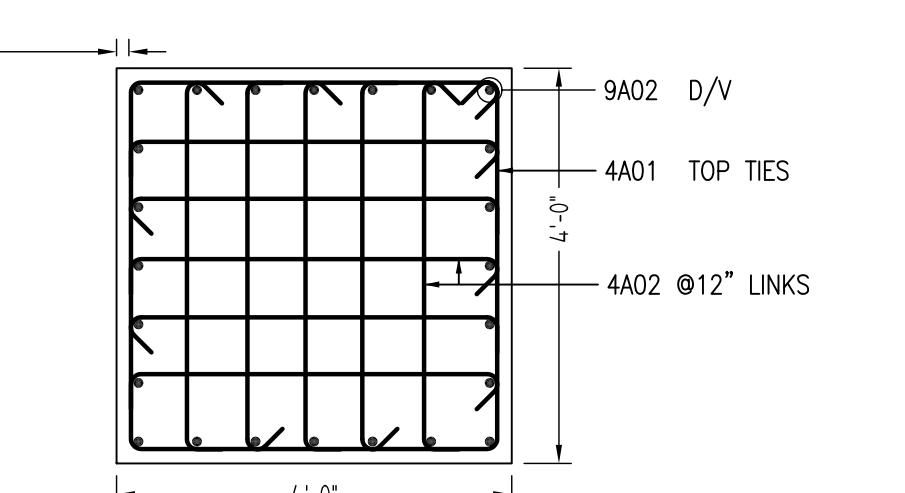
K TERMINAL LOGISTICS CENTER

MAICA, NY, 11430.

AFT ARCHITECTS
SIMONE STRUCTURAL ENGINEERS
MONTEITH CONSTRUCTION

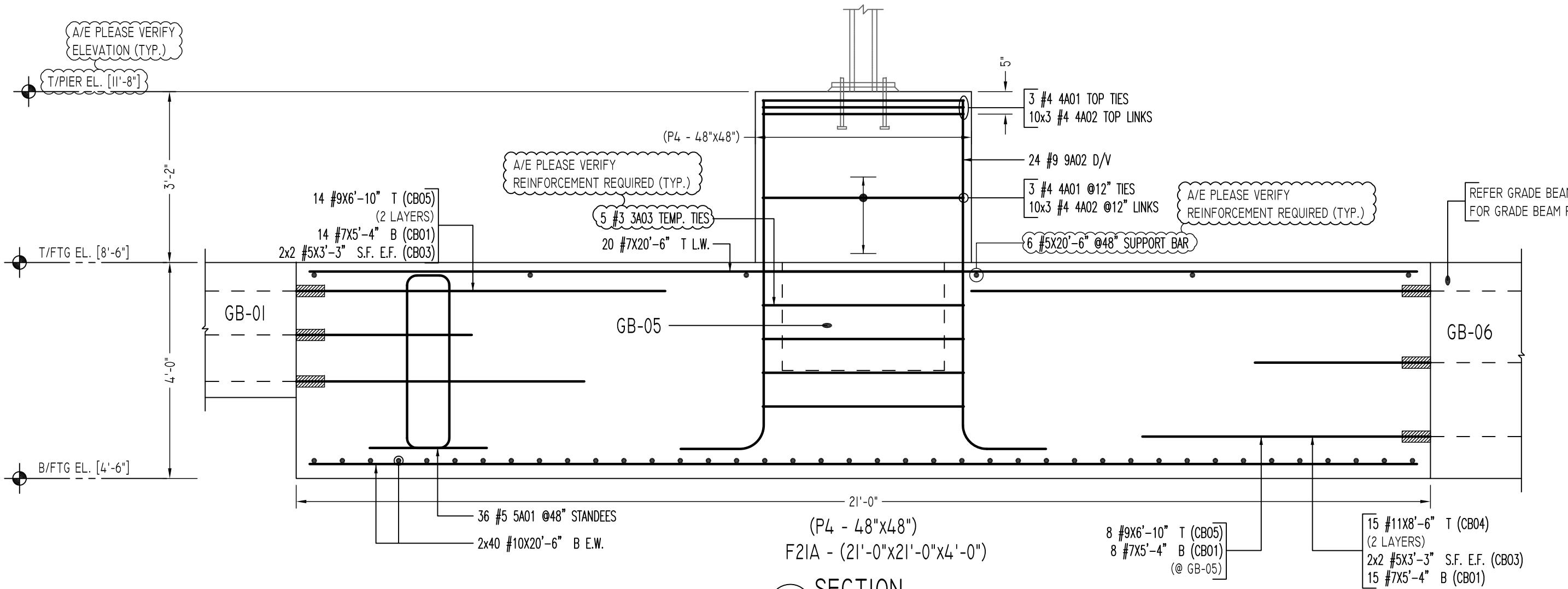
NCHMARK CONTRACTING

02/28/20	1/L	20075
G & PIER		D1



PLAN VIEW
SCALE - 1/2'-0"

A/E PLEASE VERIFY
BAR ARRANGEMENT (TYP.)

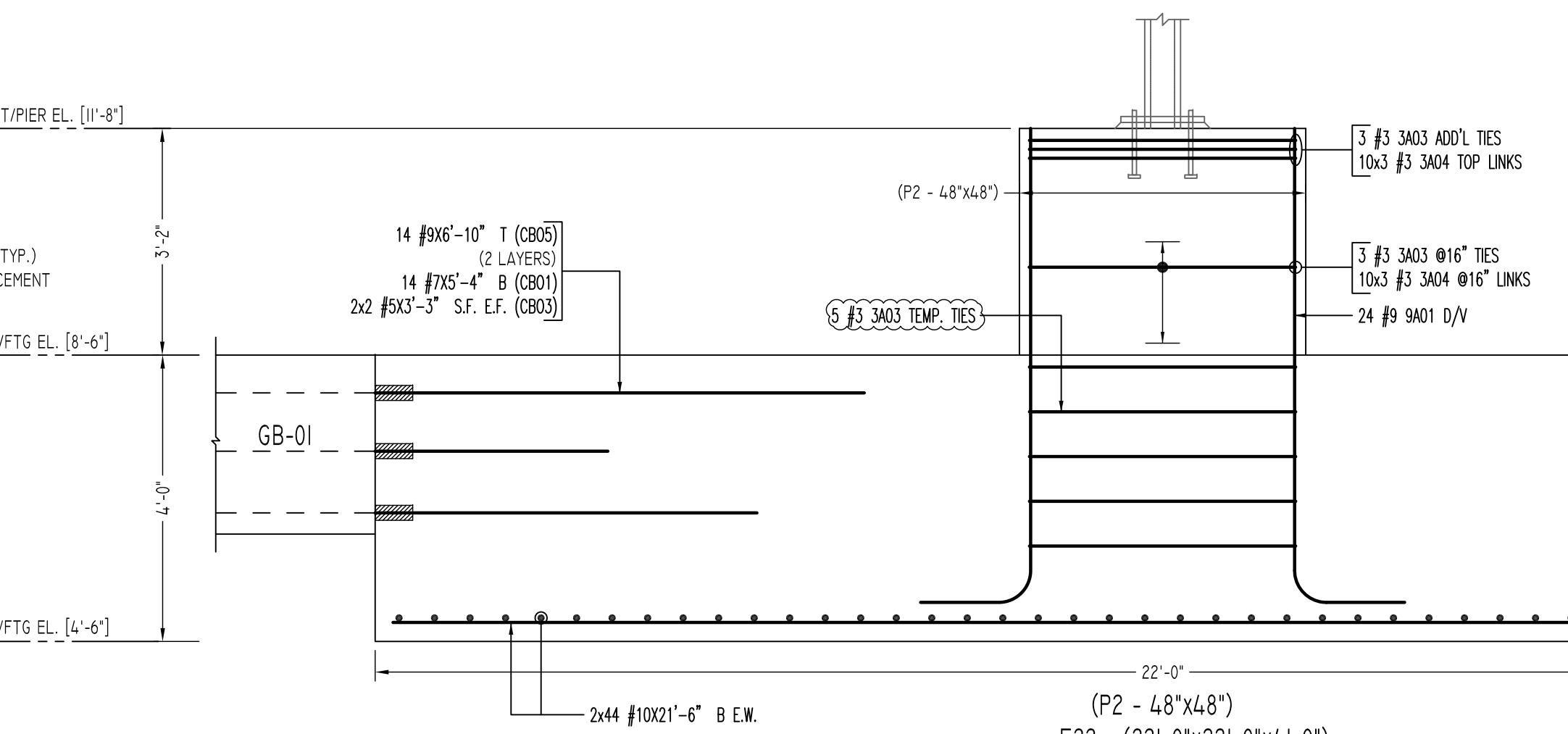


SECTION
5

SCALE - 1/2'-0"

REF:FO-101.00 & S401.00

LOCATIONS - (J/5.2)

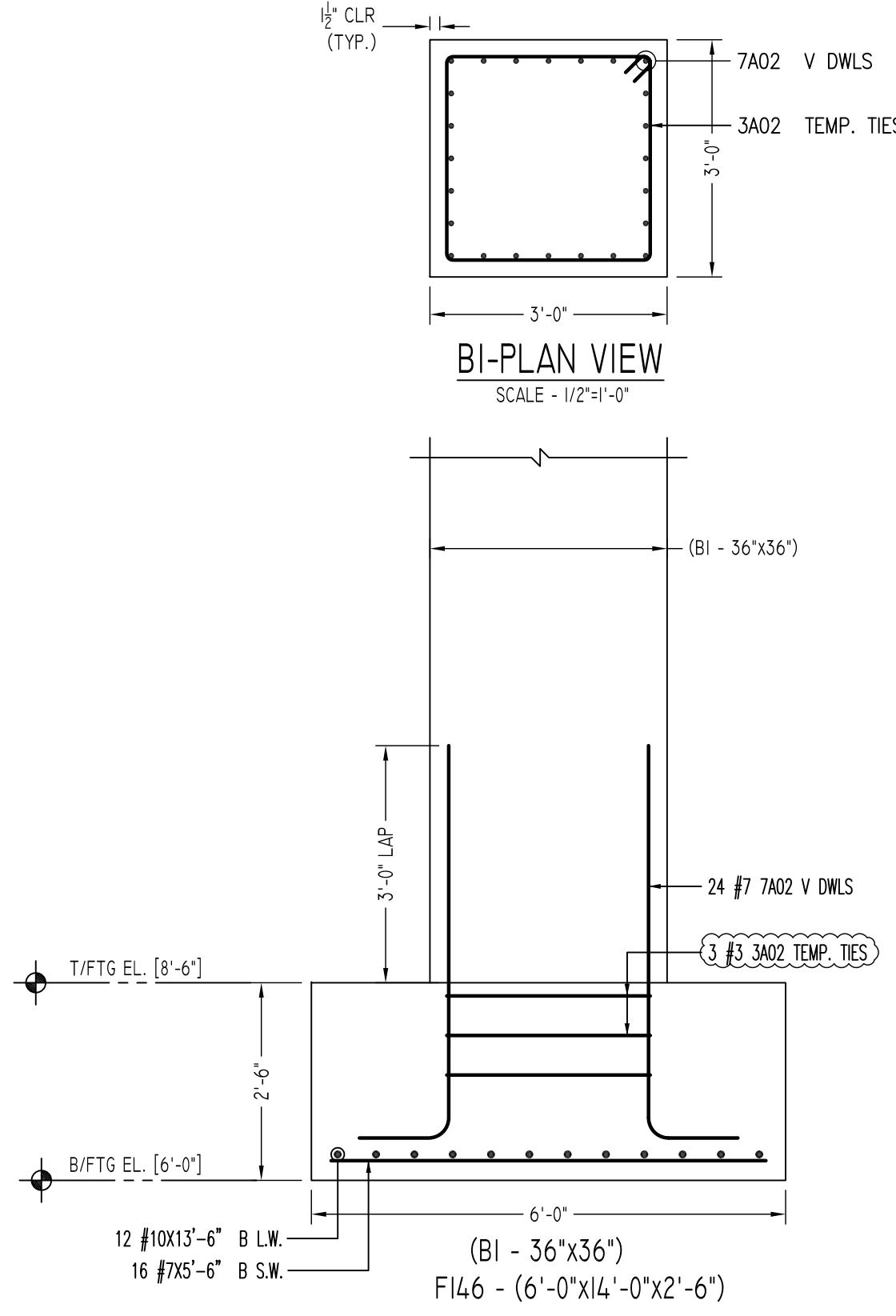


SECTION
6

SCALE - 1/2'-0"

REF:FO-101.00 & S401.00

LOCATIONS - (H/5.6)

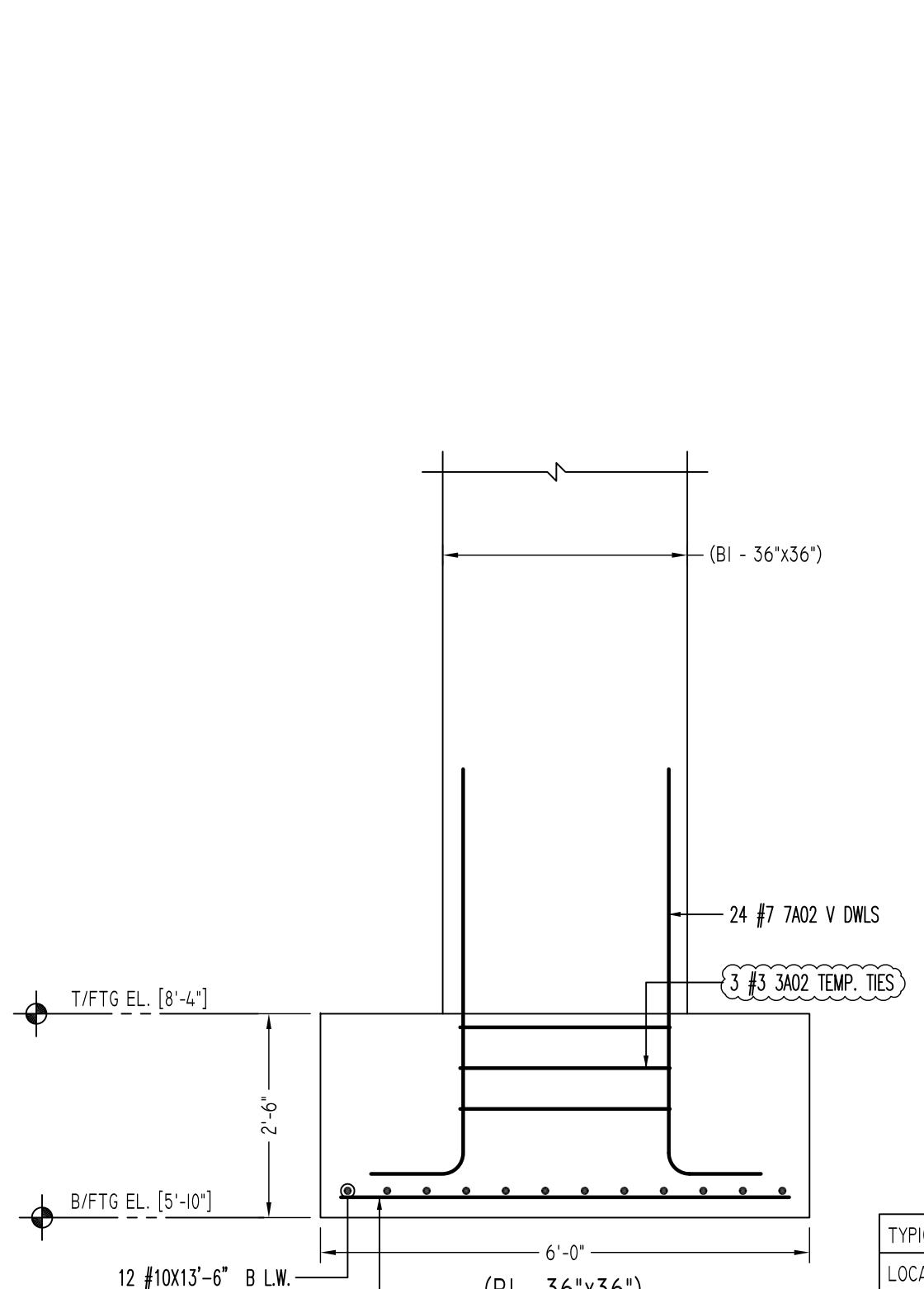


SECTION
7

SCALE - 1/2'-0"

REF:FO-101.00 & S401.00

LOCATIONS - (K/5.2)



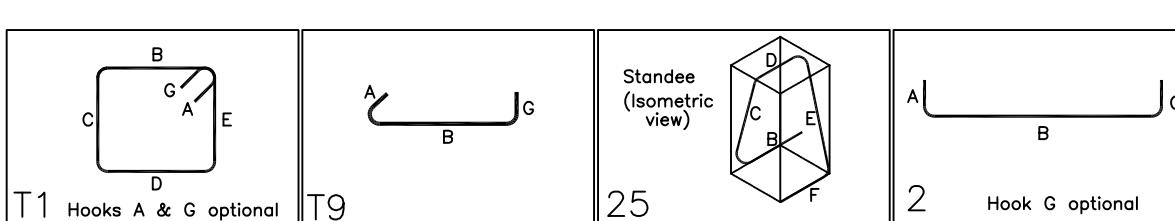
SECTION
8

SCALE - 1/2'-0"

REF:FO-101.00 & S401.00

LOCATIONS - (K/5.2)

BENDING DETAILS											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'
3A02	6	#3	11'-1" X 11'	0'-4" X 2'-7" X 2'-7" X 2'-7" X 0'-4" X							
3A03	16	#3	15'-8" X 11'	0'-4" X 3'-9" X 3'-9" X 3'-9" X 0'-4" X							
3A04	60	#3	4'-5" X 7"	0'-4" X 3'-9" X 3'-9" X 0'-4" X							
4A01	6	#4	15'-9" X 11'	0'-4" X 3'-9" X 3'-9" X 3'-9" X 0'-4" X							
4A02	40	#4	4'-6" X 7"	0'-4" X 3'-9" X 3'-9" X 3'-9" X 0'-4" X							
5A01	36	#5	10'-5" X 25'	1'-2" X 3'-3" X 0'-10" X 3'-3" X 1'-6" X 3'-2" X 1'-7" X 0'-4" X							
7A02	48	#7	6'-2" X 2"	1'-2" X 5"-0" X 1'-7" X 6'-8" X 1'-7" X 6'-8" X							
9A01	24	#9	8'-3" X 2"	1'-7" X 6'-8" X							
9A02	24	#9	8'-1" X 2"	1'-7" X 6'-8" X							



ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

TYPE	PIER SIZE		REINFORCING		REMARK
	LENGTH X WIDTH	VERTICAL	HORIZONTAL		
P1	36"x36"	24 - #7	#3 @ 14"		
P2	48"x48"	24 - #9	#3 @ 16"		
P3	36"x36"	24 - #7	#4 @ 12"	1.3 LD SPLICE	
P4	48"x48"	24 - #9	#4 @ 12"	1.3 LD SPLICE	
B1	36"x36"	24 - #7	#3 @ 14"		
B2	24"x36"	16 - #7	#3 @ 14"		
B3	36"x24"	16 - #7	#3 @ 14"		

COUPLER REINFORCEMENT DETAILS				
MARK	BAR DIA.	BAR SHAPE	QUANTITY	REMARK
CB01	#7	5'-4"	51	REFER SECTION 5 & 6
CB03	#5	3'-3"	12	REFER SECTION I
CB04	#9	8'-6"	15	REFER SECTION 5
CB05	#9	6'-10"	36	REFER SECTION 5 & 6

FOR PIER	LAP SCHEDULE			FOR FOOTING	LAP SCHEDULE		
	SIZE	10000 PSI	LD LAP		SIZE	5000 PSI	LD LAP
F1	#5	10"	13"	F2	#5	23"	17"
F2	#4	13"	17"	F3	#4	30"	23"
F3	#5	16"	21"	F4	#5	37"	29"
F4	#6	19"	25"	F5	#6	45"	34"
F5	#7	27"	36"	F6	#7	64"	50"
F6	#8	31"	41"	F7	#8	73"	56"
F7	#9	35"	46"	F8	#9	82"	63"
F8	#10	39"	51"	F9	#10	93"	71"
F9	#11	43"	56"	F10	#11	102"	78"

TYPE	FOOTING SIZE		BOTTOM REINFORCING		F/C (KSI)
	LENGTH X WIDTH	DEPTH	LONG WAY	SHORT WAY	
F7	7'-0" X 7'-0"	2'-6"	II - #6	II - #6	-
F8	8'-0" X 8'-0"	2'-6"	II - #7	II - #7	-
F9	9'-0" X 9'-0"	2'-6"	II - #7	II - #7	-
F10	11'-0" X 11'-0"	3'-0"	19 - #7	19 - #7	-
F11	12'-0" X 12'-0"	3'-0"	30 - #8	30 - #8	-
F12	16'-0" X 16'-0"	3'-6"	30 - #9	30 - #9	-
F13	16'-0" X 16'-0"	3'-6"	32 - #9	32 - #9	-
F14	17'-0" X 17'-0"	3'-6"	38 - #9	38 - #9	-
F15	18'-0" X 18'-0"	4'-0"	38 - #10	38 - #10	-
F16	20'-0" X 20'-0"	4'-0"	38 - #10	38 - #10	-
F17	21'-0" X 21'-0"	4'-0"	40 - #10	40 - #10	-
F18	21'-0" X 21'-0"	4'-0"	40 - #10	20 - #7	-
F19	21'-0" X 21'-0"	4'-0"	40 - #10	20 - #7	-
F20	22'-0" X 22'-0"	4'-0"	44 - #10	44 - #10	-
F21	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F22	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F23	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F24	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F25	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F26	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F27	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F28	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F29	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F30	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F31	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F32	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F33	22'-0" X 22'-0"	4'-0"	44 - #10	20 - #7	-
F34	22'-0" X 22'-0"	4'-0"	44 - #		

