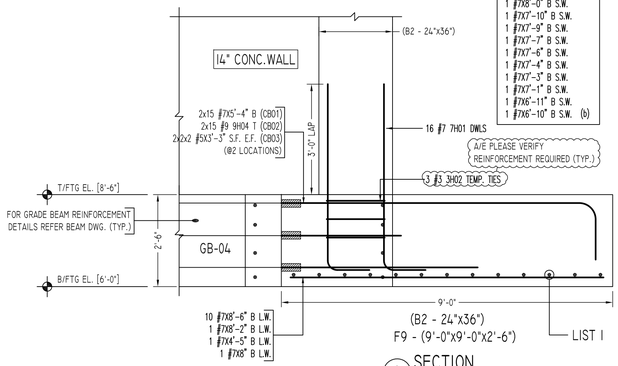
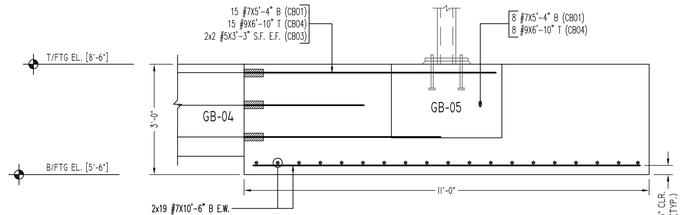
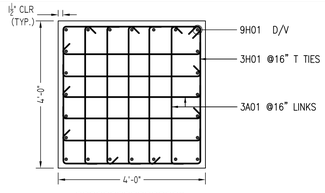


LIST I
1 #7X8'-4" B S.W. (a)
1 #7X8'-3" B S.W.
1 #7X8'-1" B S.W.
1 #7X8'-0" B S.W.
1 #7X7'-10" B S.W.
1 #7X7'-9" B S.W.
1 #7X7'-7" B S.W.
1 #7X7'-6" B S.W.
1 #7X7'-4" B S.W.
1 #7X7'-3" B S.W.
1 #7X7'-1" B S.W.
1 #7X6'-11" B S.W.
1 #7X6'-10" B S.W. (b)

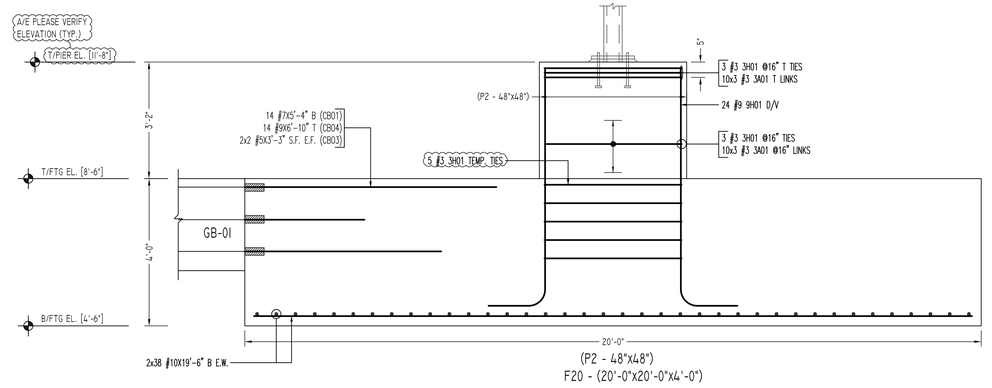
1 SECTION
SCALE - 1/2"=1'-0"
REF:FO-102.00 & S401.00
LOCATIONS - (K/0)



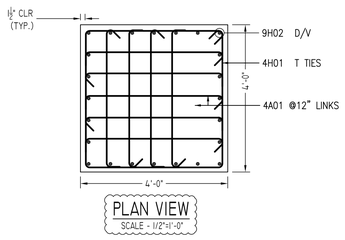
2 SECTION
SCALE - 1/2"=1'-0"
REF:FO-102.00 & S401.00
LOCATIONS - (J/3)



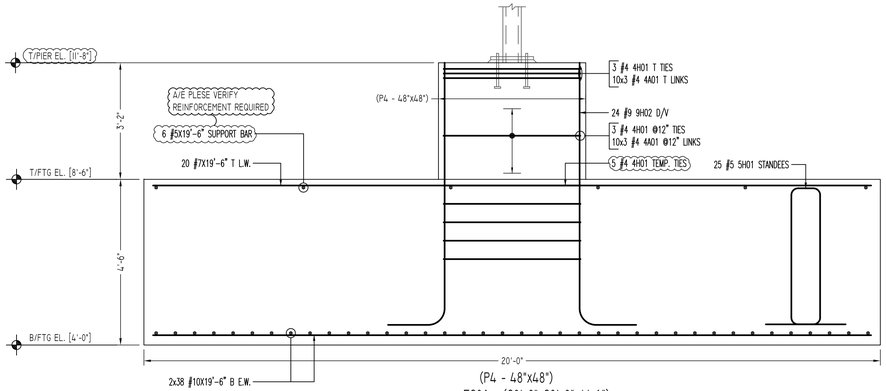
PLAN VIEW
SCALE - 1/2"=1'-0"
A/E PLEASE VERIFY
BAR ARRANGEMENT (TYP.)



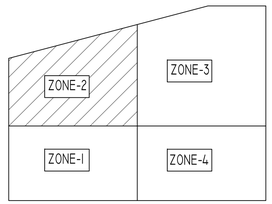
3 SECTION
SCALE - 1/2"=1'-0"
REF:FO-102.00 & S401.00
LOCATIONS - (H/3)



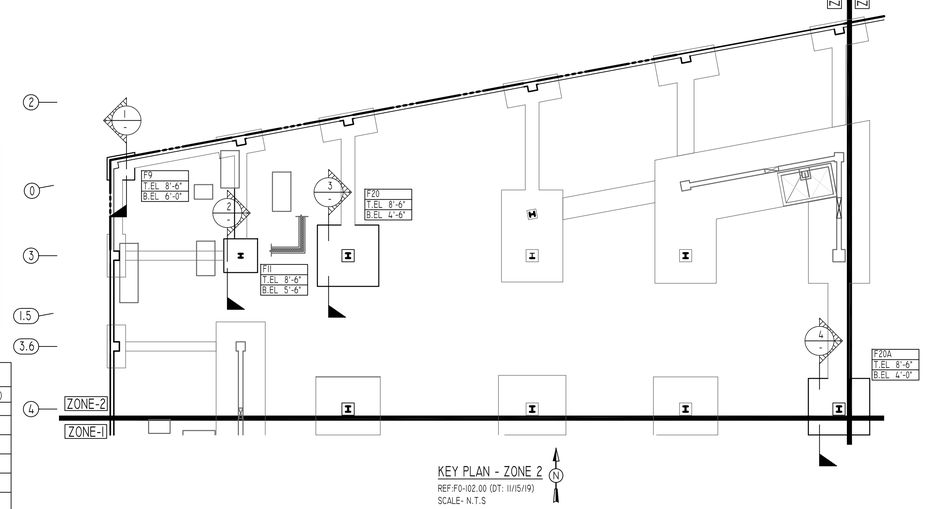
PLAN VIEW
SCALE - 1/2"=1'-0"



4 SECTION
SCALE - 1/2"=1'-0"
REF:FO-102.00 & S401.00
LOCATIONS - (E/4)



AREA KEY PLAN
REF:FO-100 (DT: 08/28/19)
SCALE - N.T.S



KEY PLAN - ZONE 2
REF:FO-102.00 (DT: 11/15/19)
SCALE- N.T.S

COUPLER REINFORCEMENT DETAILS

MARK	BAR DIA.	BAR SHAPE	QUANTITY	REMARK
CB01	#7	5'-4"	67	REFER SECTION 1, 2 & 3
CB02	#9	8'-7" 1'-7"	30	REFER SECTION 1
CB03	#5	3'-3"	16	REFER SECTION 1, 2 & 3
CB04	#9	6'-10"	37	REFER SECTION 2 & 3

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
FOOTINGS AGAINST EARTH BOTTOM TOP	 3" CLR 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

LAP SCHEDULE

SIZE	10000 PSI	
	LD	LAP
#3	10"	13"
#4	13"	17"
#5	16"	21"
#6	19"	25"
#7	27"	36"
#8	31"	41"
#9	35"	46"
#10	39"	51"
#11	43"	56"

LAP SCHEDULE

SIZE	5000 PSI	
	TOP	OTHERS
#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"	78"

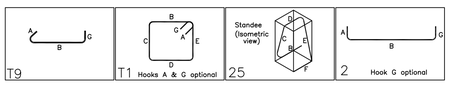
FOOTING SCHEDULE

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
WF4	4'-0"X4'-0"	2'-6"	6 - #6	#6@12"	6 - #9	-	5

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"	

Release Number: R4					BENDING DETAILS											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
3A01	60	#3	4'-5"	19	0'-4"	3'-9"					0'-4"					
3H01	11	#3	15'-6"	11	0'-4"	3'-9"	3'-9"	3'-9"	3'-9"		0'-4"					
3H02	3	#3	9'-0"	11	0'-4"	1'-7"	2'-7"	1'-7"	2'-7"		0'-4"					
4A01	60	#4	4'-6"	19	0'-4 R"	3'-9"					0'-4 R"					
4H01	11	#4	15'-9"	11	0'-4 R"	3'-9"	3'-9"	3'-9"	3'-9"		0'-4 R"					
5H01	25	#5	11'-7"	25		1'-6"	3'-10 R"	0'-10"	3'-10 R"	1'-6"		3'-9"		1'-10 R"		
7H01	16	#7	6'-3"	2	1'-2"	5'-1"										
9H01	24	#9	8'-1"	2	1'-7"	6'-6"										
9H02	24	#9	8'-9"	2	1'-7"	7'-2"										
Release Number: R4 (COUPLER BARS)					BENDING DETAILS											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
9H04	30	#9	10'-2"	2	1'-7"	8'-7"										



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

NOTICE

Shortages, improper fabrication or claims for any other reason must be reported to this company within a periodof 15 days of delivery. This company reserves the right to field inspect prior to replacement or reconditioning of nonconforming material, and will not honor charges for work done in the field without specific authorization from this company.

REINFORCING STEEL PLACING DRAWINGS ONLY USE IN CONJUNCTION WITH 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.

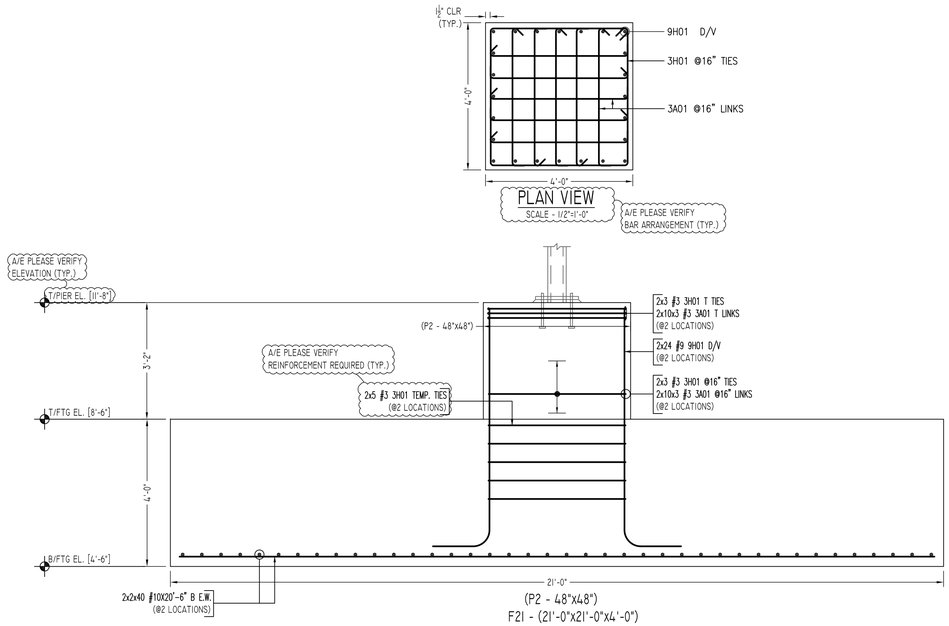
REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	02/28/2020

PROJECT	JFK TERMINAL LOGISTICS CENTER
LOCATION	JAMAICA, NY, 11430.
ARCHITECT	CRAFT ARCHITECTS
ENGINEER	DESIMONE STRUCTURAL ENGINEERS
CUSTOMER	BENCHMARK CONTRACTING

DRAWN BY:	DATE:	REVIEWED BY:	JOB NO.
RSR/MRS	02/28/20	T/L	20015

DRAWING TITLE : SPREAD FOOTING & PIER REINFORCEMENT DETAILS– ZONE 2

DRAWING NO. : R4

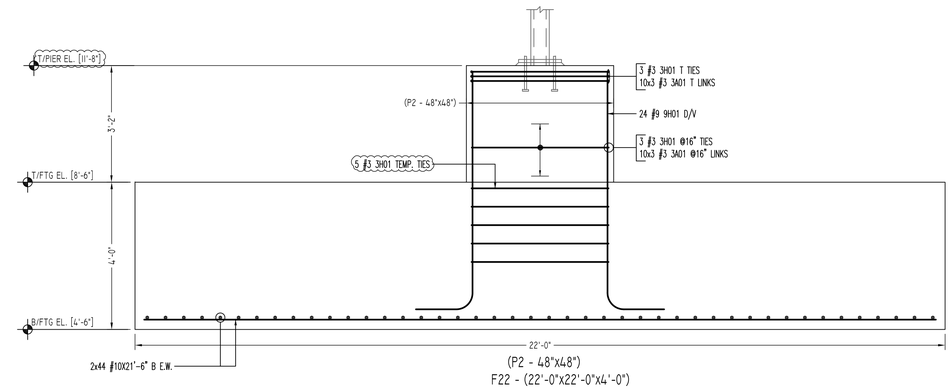


PLAN VIEW
SCALE - 1/2"=1'-0"

A/E PLEASE VERIFY BAR ARRANGEMENT (TYP.)

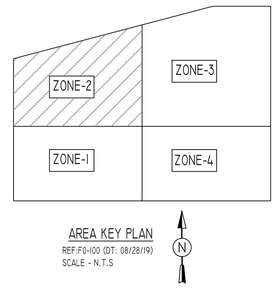
(P2 - 48"x48")
F21 - (21'-0"x21'-0"x4'-0")

5 SECTION
SCALE - 1/2"=1'-0"
REF:FO-102.00 & S401.00
LOCATIONS - (F/4 & H/4)
(REQUIRED - 2)



(P2 - 48"x48")
F22 - (22'-0"x22'-0"x4'-0")

6 SECTION
SCALE - 1/2"=1'-0"
REF:FO-102.00 & S401.00
LOCATIONS - (G/4)



AREA KEY PLAN
REF:FO-100 (DT: 08/28/19)
SCALE - N.T.S

COUPLER REINFORCEMENT DETAILS

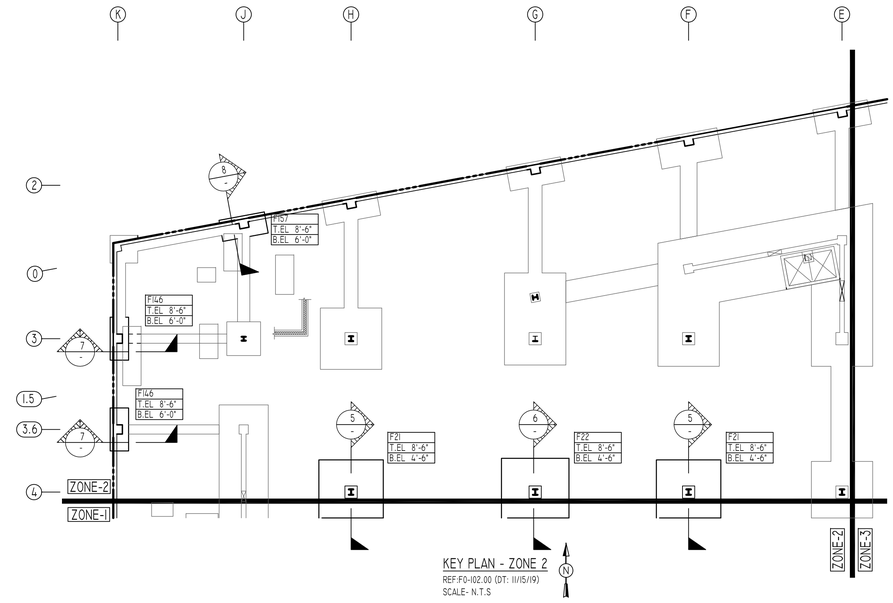
MARK	BAR DIA.	BAR SHAPE	QUANTITY	REMARK
CB01	#7	5'-4"	61	REFER SECTION - 7 & 8
CB03	#5	3'-3"	12	REFER SECTION - 7 & 8
CB05	#9	5'-7" 1'-7"	16	REFER SECTION - 7
CB06	#9	13'-7" 1'-7"	15	REFER SECTION - 7
CB07	#9	6'-7" 1'-7"	15	REFER SECTION - 8
CB08	#9	14'-7" 1'-7"	15	REFER SECTION - 8

LAP SCHEDULE

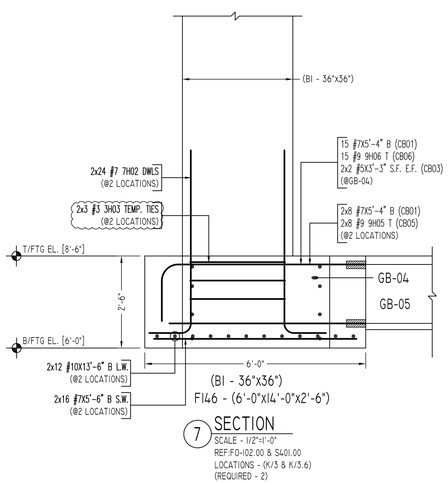
SIZE	10000 PSI	
	LD	LAP
#3	10"	13"
#4	13"	17"
#5	16"	21"
#6	19"	25"
#7	27"	36"
#8	31"	41"
#9	35"	46"
#10	39"	51"
#11	43"	56"

LAP SCHEDULE

SIZE	5000 PSI	
	TOP	OTHERS
#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"	78"

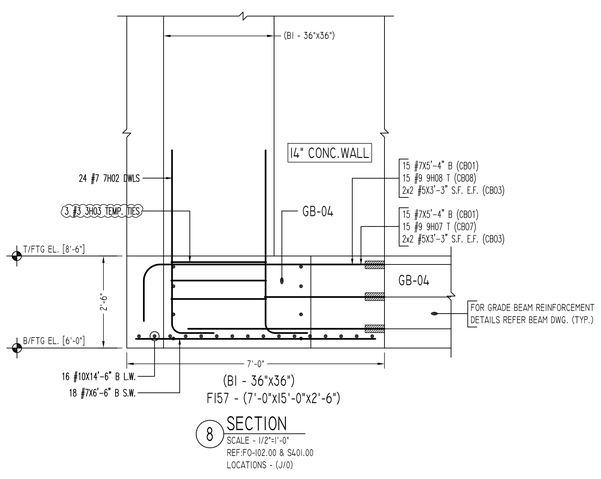


KEY PLAN - ZONE 2
REF:FO-102.00 (DT: 11/15/19)
SCALE- N.T.S



(BI - 36"x36")
F146 - (6'-0"x14'-0"x2'-6")

7 SECTION
SCALE - 1/2"=1'-0"
REF:FO-102.00 & S401.00
LOCATIONS - (K/3 & K/3.6)
(REQUIRED - 2)



(BI - 36"x36")
F157 - (7'-0"x15'-0"x2'-6")

8 SECTION
SCALE - 1/2"=1'-0"
REF:FO-102.00 & S401.00
LOCATIONS - (J/0)

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
WF4	4'-0"X4'-0"	2'-6"	6 - #6	#6@12"	6 - #9	-	5

TYPICAL REINFORCING BAR CLEARANCE TABLE

LOCATION	MIN. COVER
FOOTINGS AGAINST EARTH BOTTOM TOP	 3" CLR 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

PIER SCHEDULE

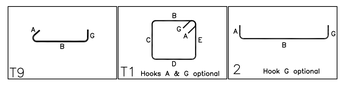
TYPE	PIER SIZE	REINFORCING		REMARK
	LENGTH x WIDTH	VERTICAL	HORIZONTAL	
P1	36"x36"	24 - #7	#3 @ 14"	
P2	48"x48"	24 - #9	#3 @ 16"	
P3	36"x36"	24 - #7	#4 @ 12"	1.3 LD SPLICE
P4	48"x48"	24 - #9	#4 @ 12"	1.3 LD SPLICE
B1	36"x36"	24 - #7	#3 @ 14"	
B2	24"x36"	16 - #7	#3 @ 14"	
B3	36"x24"	16 - #7	#3 @ 14"	

Release Number: R5 — BENDING DETAILS

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'X'
3A01	180	#3	4'-5"	T9	0'-4"	3'-9"					0'-4"					
3H01	33	#3	15'-8"	T1	0'-4"	3'-9"	3'-9"	3'-9"	3'-9"		0'-4"					
3H03	9	#3	11'-0"	T1	0'-4"	2'-7"	2'-7"	2'-7"	2'-7"		0'-4"					
7H02	72	#7	6'-2"	2	1'-2"	5'-0"										
9H01	72	#9	8'-1"	2	1'-7"	6'-6"										

Release Number: R5 (COUPLER BARS) — BENDING DETAILS

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'X'
9H05	16	#9	7'-2"	2	1'-7"	5'-7"										
9H06	15	#9	15'-2"	2	1'-7"	13'-7"										
9H07	15	#9	8'-2"	2	1'-7"	6'-7"										
9H08	15	#9	16'-2"	2	1'-7"	14'-7"										



ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

Abbreviations:
I.F.=Inside Face
O.F.=Outside Face
E.F.=Each Face
DWL=Dowel
V=Vertical
H=Horizontal
C.B.=Corner Bar
S.DWL.=Slab Dowel
E.W.=Each Way
B/BOT.=Bottom
T=Top
MDWL= Masonry Dowel
B.B.=Bond Beam
ALT.: Alternate
Approx: Approximate
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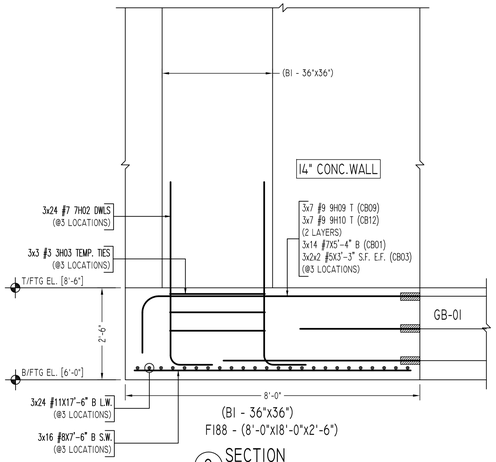
REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	02/28/2020

PROJECT	JFK TERMINAL LOGISTICS CENTER
LOCATION	JAMAICA, NY, 11430.
ARCHITECT	CRAFT ARCHITECTS
ENGINEER	DESIMONE STRUCTURAL ENGINEERS
CUSTOMER	BENCHMARK CONTRACTING

DRAWN BY:	DATE:	REVIEWED BY:	JOB NO.
RSR/MRS	02/28/20	T/L	20015

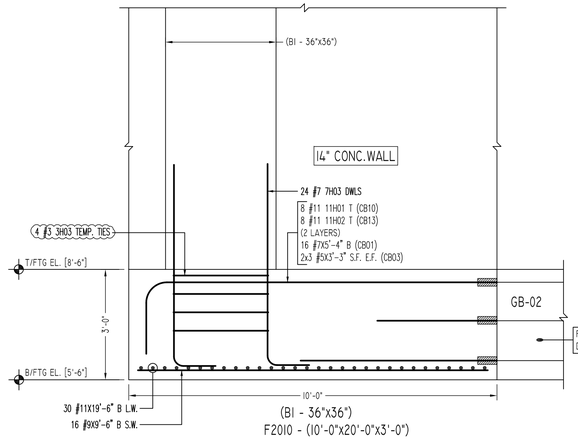
DRAWING TITLE : SPREAD FOOTING & PIER REINFORCEMENT DETAILS - ZONE 2

DRAWING NO. : R5



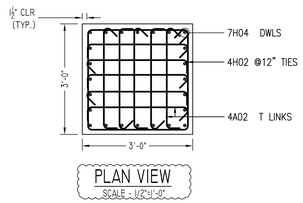
(BI - 36"x36")
F188 - (8'-0"x18'-0"x2'-6")

9 SECTION
SCALE - 1/2"=1'-0"
REF:F0-102.00 & SA01.00
LOCATIONS - (E/0,G/0 & H/0)
(REQUIRED - 3)

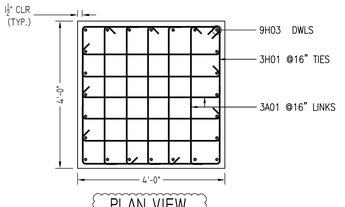


(BI - 36"x36")
F2010 - (10'-0"x20'-0"x3'-0")

10 SECTION
SCALE - 1/2"=1'-0"
REF:F0-102.00 & SA01.00
LOCATIONS - (F/0)

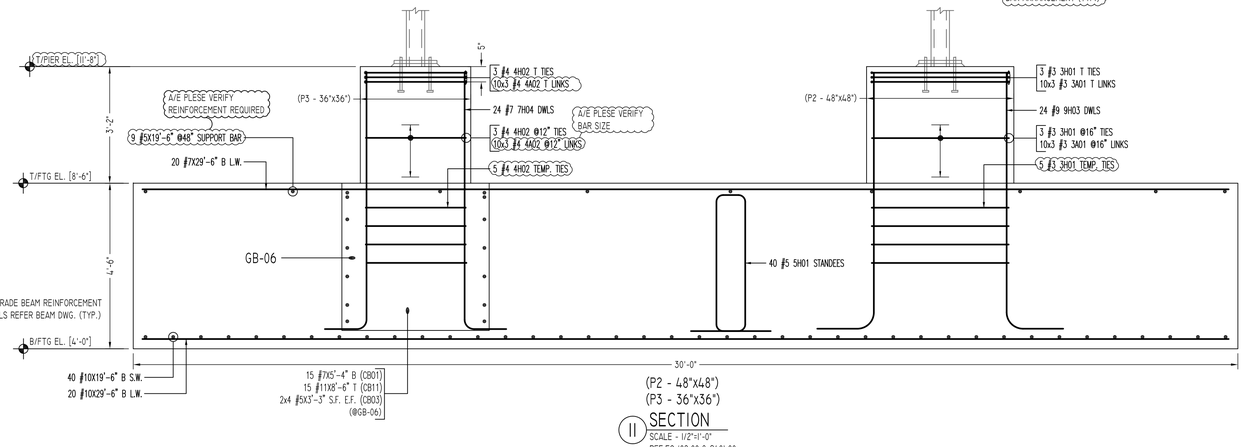


PLAN VIEW
SCALE - 1/2"=1'-0"



PLAN VIEW
SCALE - 1/2"=1'-0"

A/E PLEASE VERIFY BAR ARRANGEMENT (TYP.)



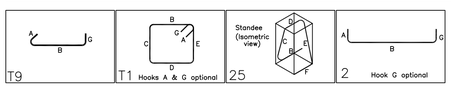
(P2 - 4'8"x4'8")
(P3 - 36"x36")

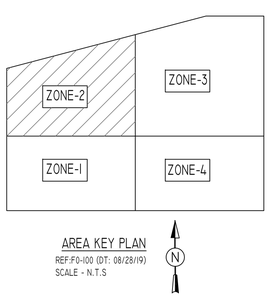
11 SECTION
SCALE - 1/2"=1'-0"
REF:F0-102.00 & SA01.00
LOCATIONS - (G/B & G/1.5)

F2030 - (30'-0"x20'-0"x4'-6")

Release Number: R6					BENDING DETAILS											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'X'
3A01	60	#3	4'-5"	T9	0'-4"	3'-9"					0'-4"					
3H01	11	#3	15'-8"	T1	0'-4"	3'-9"	3'-9"	3'-9"	3'-9"		0'-4"					
3H03	13	#3	11'-0"	T1	0'-4"	2'-7"	2'-7"	2'-7"	2'-7"		0'-4"					
4A02	60	#4	3'-6"	T9	0'-4 X"	2'-9"					0'-4 X"					
4H02	11	#4	11'-9"	T1	0'-4 X"	2'-9"	2'-9"	2'-9"	2'-9"		0'-4 X"					
5H01	40	#5	11'-7"	25		1'-8"	3'-10 X"	0'-10"	3'-10 X"	1'-6"		3'-9"		1'-10 X"		
7H02	72	#7	6'-2"	2		1'-2"	5'-0"									
7H03	24	#7	6'-8"	2		1'-2"	5'-6"									
7H04	24	#7	8'-2"	2		1'-2"	7'-0"									
9H03	24	#9	8'-7"	2		1'-7"	7'-0"									

Release Number: R6 (COUPLER BARS)					BENDING DETAILS											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'X'
9H09	21	#9	9'-2"	2		1'-7"	7'-7"									
9H10	21	#9	8'-11"	2		1'-7"	7'-4"									
11H01	8	#11	11'-7"	2		2'-0"	9'-7"									
11H02	8	#11	11'-4"	2		2'-0"	9'-4"									





AREA KEY PLAN
REF:F0-100 (DT: 08/28/19)
SCALE - N.T.S

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

LAP SCHEDULE

SIZE	10000 PSI	
	LD	LAP
#3	10"	13"
#4	13"	17"
#5	16"	21"
#6	19"	25"
#7	27"	36"
#8	31"	41"
#9	35"	46"
#10	39"	51"
#11	43"	56"

LAP SCHEDULE

SIZE	5000 PSI	
	TOP	OTHERS
#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"	78"

TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
FOOTINGS AGAINST EARTH BOTTOM TOP	 3" CLR 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

PIER SCHEDULE

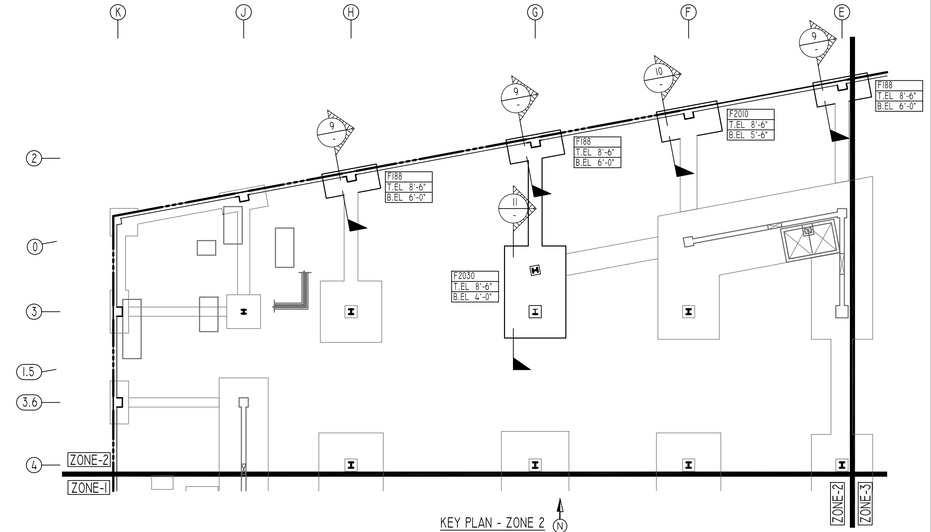
TYPE	PIER SIZE	REINFORCING		REMARK
	LENGTH x WIDTH	VERTICAL	HORIZONTAL	
P1	36"x36"	24 - #7	#3 @ 14"	
P2	48"x48"	24 - #9	#3 @ 16"	
P3	36"x36"	24 - #7	#4 @ 12"	1.3 LD SPLICE
P4	48"x48"	24 - #9	#4 @ 12"	1.3 LD SPLICE
BI	36"x36"	24 - #7	#3 @ 14"	
B2	24"x36"	16 - #7	#3 @ 14"	
B3	36"x24"	16 - #7	#3 @ 14"	

COUPLER REINFORCEMENT DETAILS

MARK	BAR DIA.	BAR SHAPE	QUANTITY	REMARK
CB01	#7	5'-4"	73	REFER SECTION - 9, 10 & 11
CB03	#5	3'-3"	26	REFER SECTION - 9, 10 & 11
CB09	#9	7'-7" + 1'-7"	21	REFER SECTION - 9
CB10	#11	9'-7" + 2'-0"	8	REFER SECTION - 10
CB11	#11	8'-6"	15	REFER SECTION - 11
CB12	#9	7'-4" + 1'-7"	21	REFER SECTION - 9
CB13	#11	9'-4" + 2'-0"	8	REFER SECTION - 10

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	20 - #9	-	-	5
WF4	4'-0"x4'-0"	2'-6"	6 - #6	#6@12"	6 - #9	-	5



KEY PLAN - ZONE 2
REF:F0-102.00 (DT: 11/15/19)
SCALE- N.T.S

REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	02/28/2020

Abbreviations:
I.F.=Inside Face
O.F.=Outside Face
E.F.=Each Face
DWL=Dowel
V=Vertical
H=Horizontal
C.B.=Corner Bar
S.DWL.=Slab Dowel
E.W.=Each Way
B/BOT.=Bottom
T=Top
MDWL= Masonry Dowel
B.B.=Bond Beam
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CUSTOMER	BENCHMARK CONTRACTING

DRAWN BY:	DATE:	REVIEWED BY:	JOB NO.
RSR/MRS	02/28/20	T/L	20015

DRAWING TITLE: SPREAD FOOTING & PIER REINFORCEMENT DETAILS ZONE-2

DRAWING NO.: R6