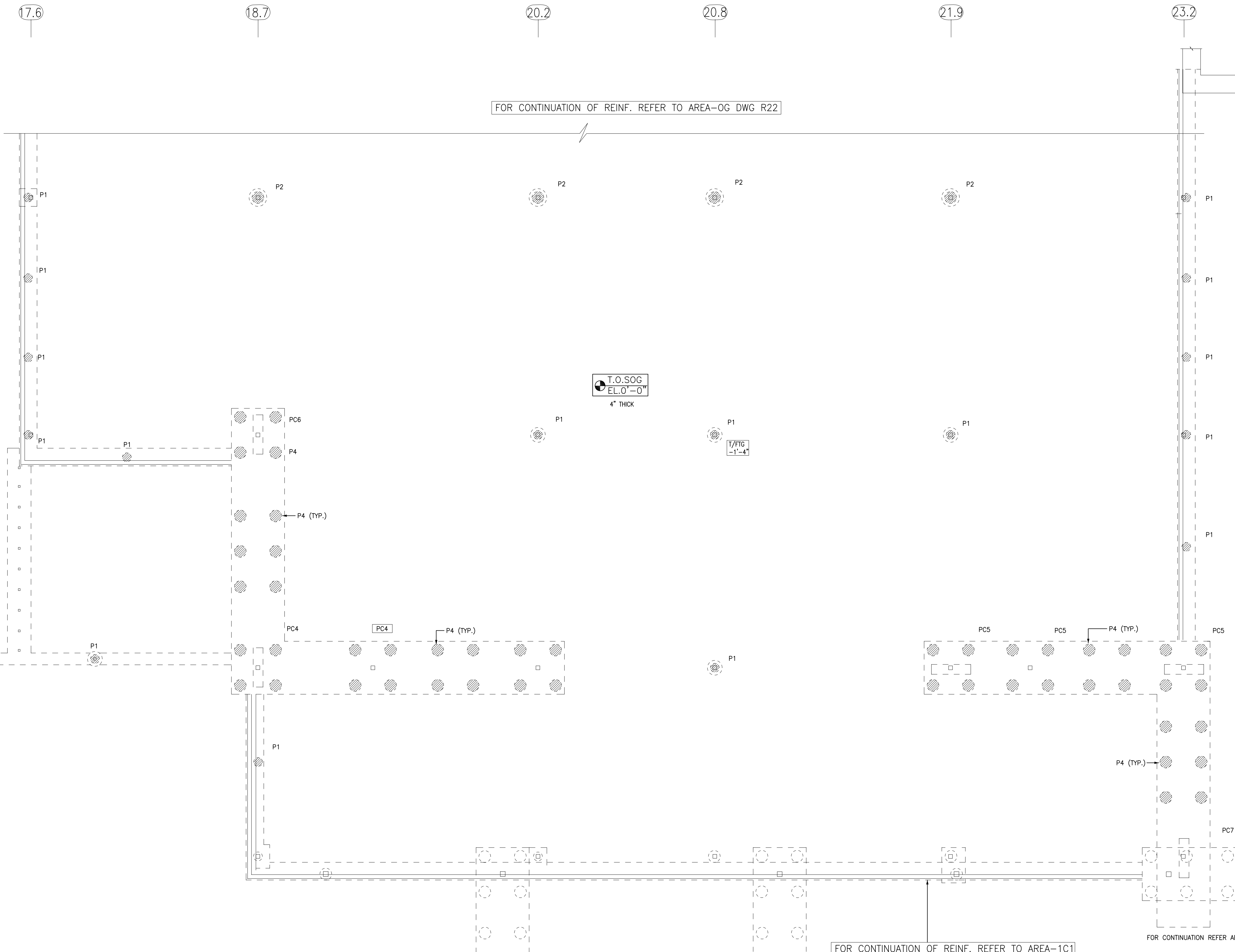




ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

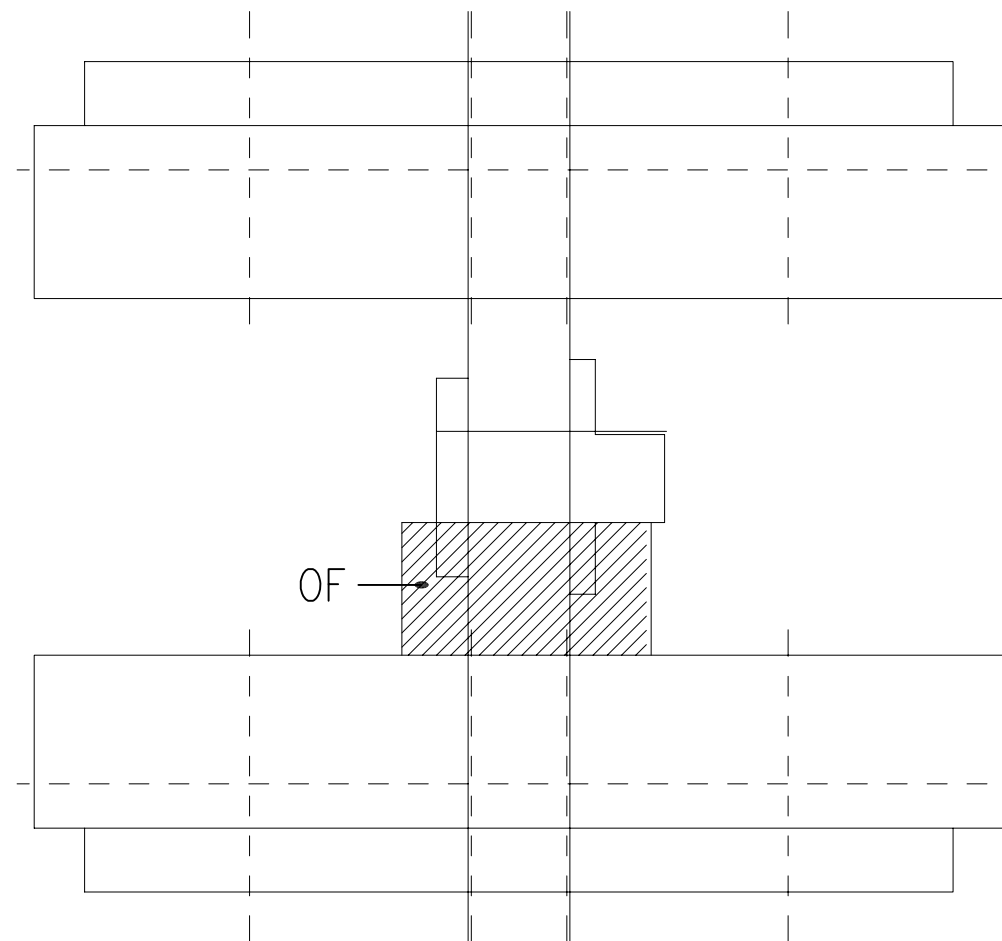
ABBREVIATIONS	
TOP	TOP
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HORZ
EACH WAY	EW
EACH SIDE	ES
DOWEL	DWL
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW

LAP SCHEDULE			
SIZE	4000 PSI		
	Ld(N)	Lstb(N)	Lst(N)
#3	15"	20"	25"
#4	19"	25"	33"
#5	24"	32"	41"
#6	29"	38"	49"
#7	42"	55"	71"
#8	48"	63"	81"
#9	54"	71"	91"

ABBREVIATIONS	
TOP OF FOOTING	T/FTG
TOP OF SLAB	T/SLAB
TOP OF PIER	T/PIER

THIS PLACING DRAWING IS PREPARED IN ACCORDANCE WITH
STR. DRAWING NO S101.1-OF

THIS DRAWING TO BE USED
FOR REBAR PLACEMENT ONLY



KEY PLAN
SCALE : NTS

DRILLED PIER REINFORCEMENT-AREA (OF)
SCALE - 1/8"=1'-0"
REF: S101.1-OF

ISS.	BY.	DATE	DESCRIPTION
0.	-	08/20/15	FOR APPROVAL

SHEET TITLE:
DRILLED PIER REINF.
(AREA OF)

PROJECT:
-

LOCATION:
-

CUSTOMER:
-

ENGINEER:
-

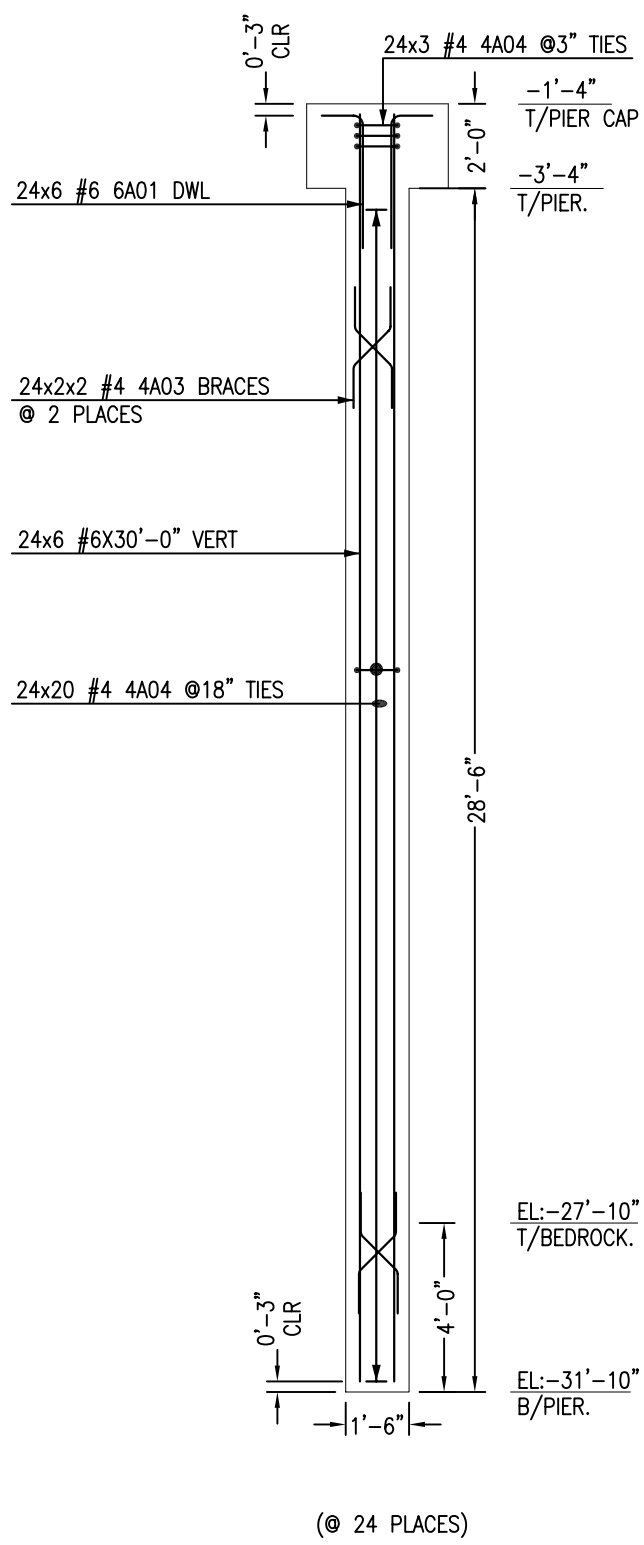
DETAILER:

JOB #

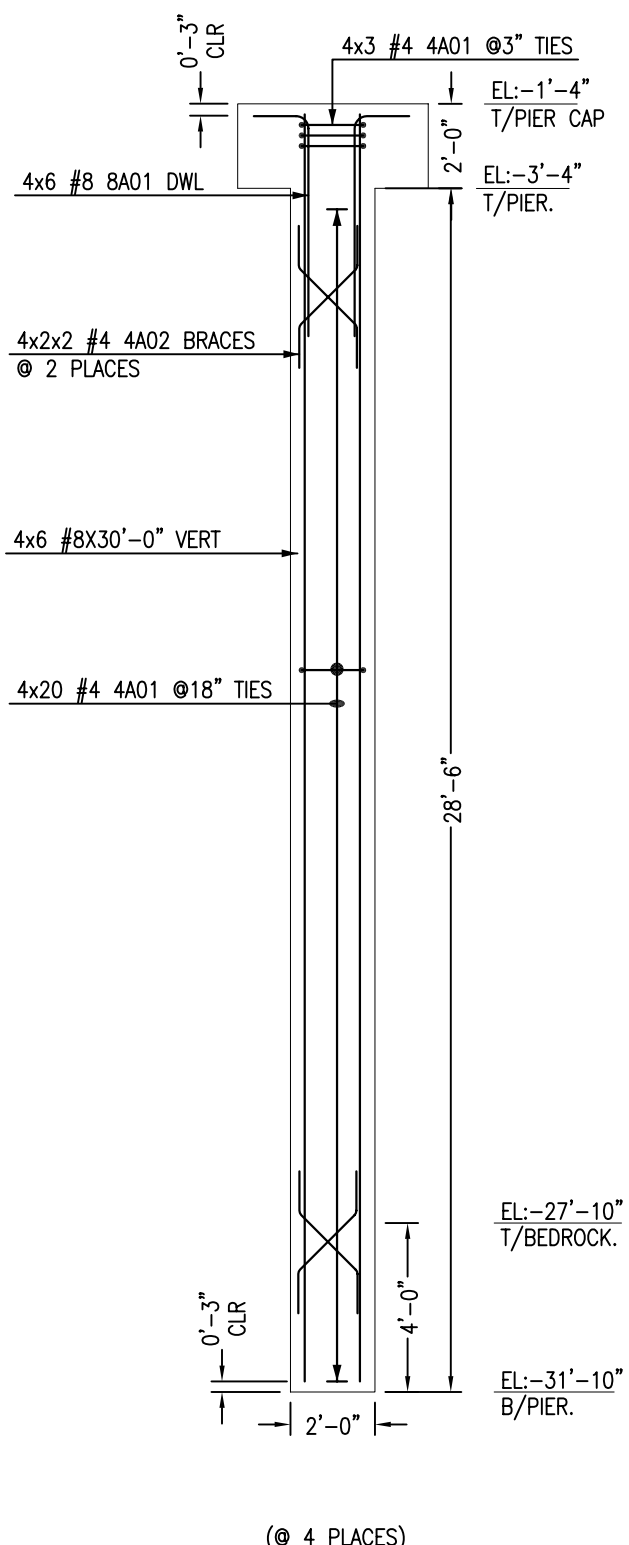
SHEET #

-

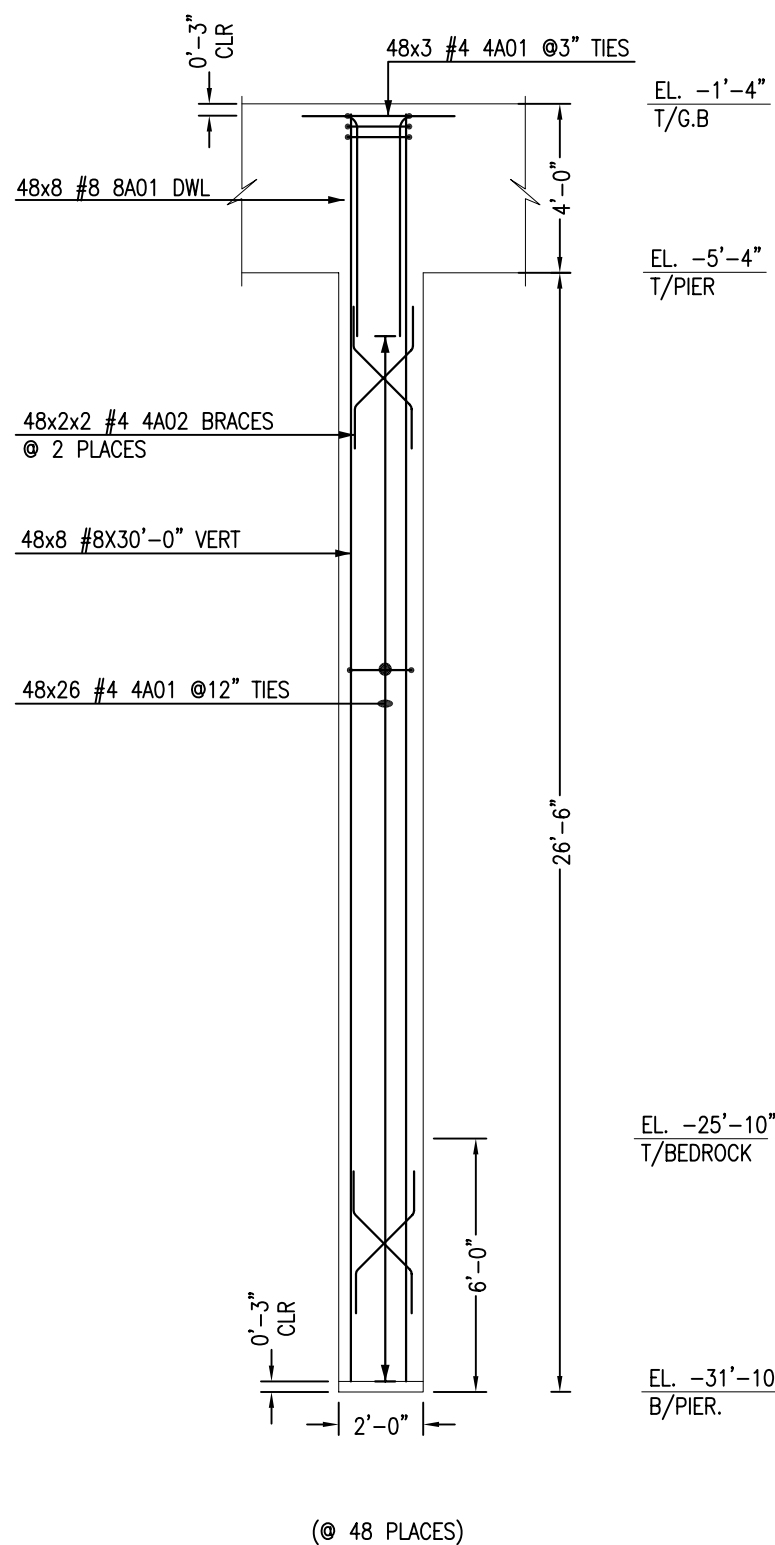
R78



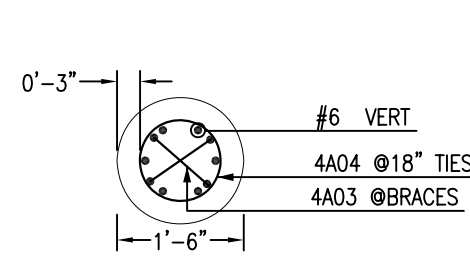
PIER
SCALE - 1/4"=1'-0"
REF:-A/SS.1



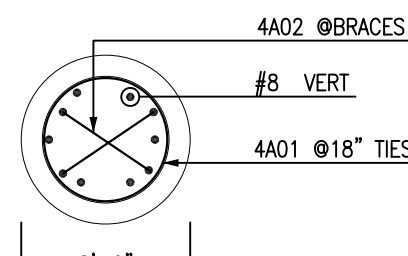
PIER
SCALE - 1/4"=1'-0"
REF:-B/SS.1



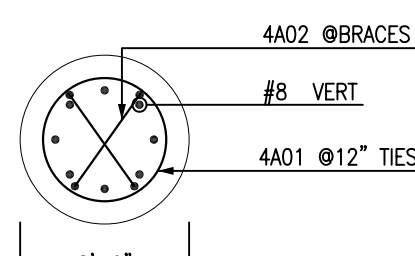
PIER
SCALE - 1/4"=1'-0"
REF:-B/SS.1



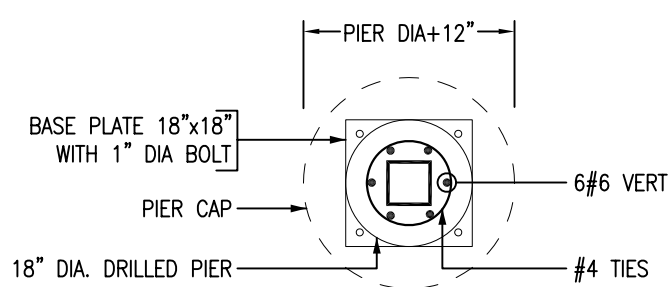
TYP SECTION @P1
SCALE - 1/2"=1'-0"
REF:A/SS.3



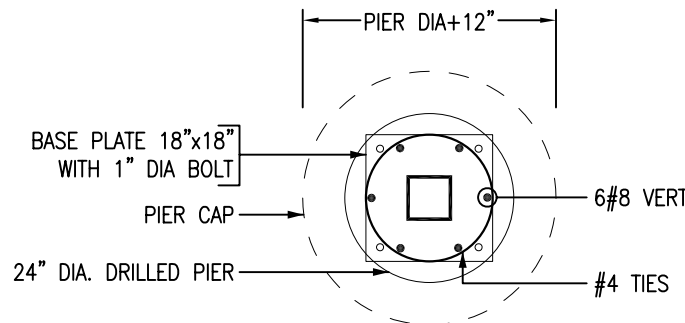
TYP SECTION @P2
SCALE - 1/2"=1'-0"
REF:A/SS.3



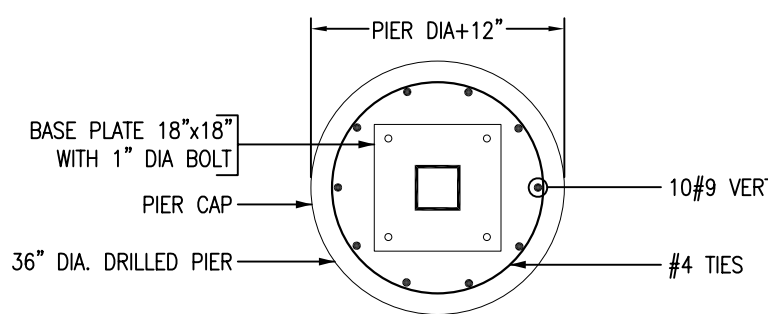
TYP SECTION @P4
SCALE - 1/2"=1'-0"
REF:A/SS.3



ANCHOR BOLT ARRANGEMENT
@ REBAR CAGE FOR PIER P1
SCALE - 1/2"=1'-0"
REF: B/SS.1

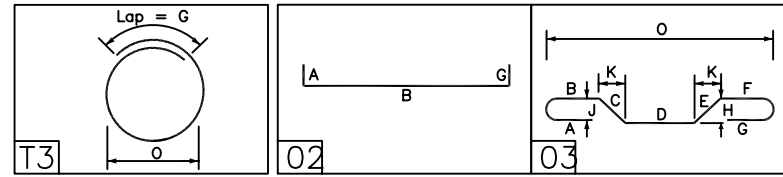


ANCHOR BOLT ARRANGEMENT
@ REBAR CAGE FOR PIER P2
SCALE - 1/2"=1'-0"
REF: B/SS.1



ANCHOR BOLT ARRANGEMENT
@ REBAR CAGE FOR PIER P3
SCALE - 1/2"=1'-0"
REF: B/SS.1

Release Code: R78&R78A										BENDING DETAILS.									
Bar Mark	Qty	Size	Total length	Type	X	Y	Z	U	V	W	X	Y	Z	U	V	W	X	Y	Z
4A01	1484	#4	6'-9 1/2"	T3															
4A02	208	#4	3'-11 1/2"	T3															
4A03	96	#4	3'-3"	T3															
4A04	552	#4	5'-2 1/2"	T3															
6A01	144	#6	4'-2"	T2															
8A01	408	#8	6'-7"	T2															



ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

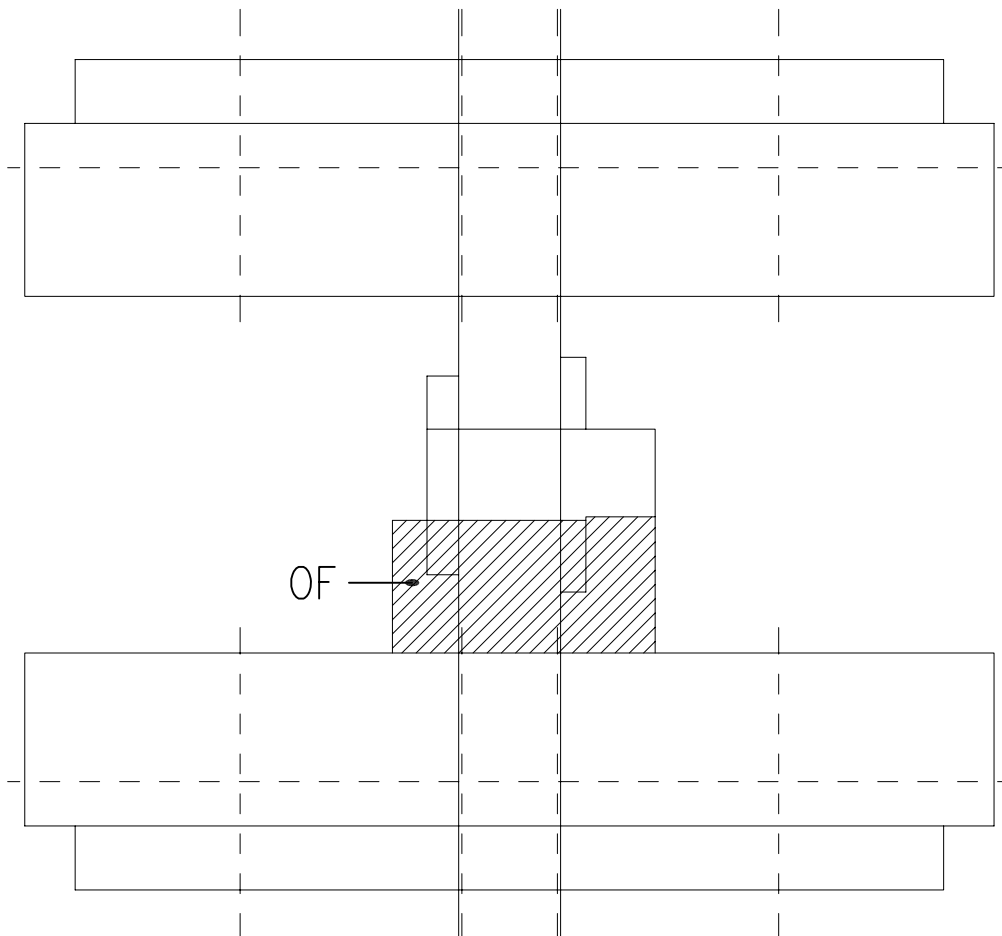
ABBREVIATIONS	
TOP	TOP
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HORIZ
EACH WAY	EW
EACH SIDE	ES
DOWEL	DWL
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW

LAP SCHEDULE			
SIZE	4000 PSI		
#3	15"	20"	25"
#4	19"	25"	33"
#5	24"	32"	41"
#6	29"	38"	49"
#7	42"	55"	71"
#8	48"	63"	81"
#9	54"	71"	91"

ABBREVIATIONS	
TOP OF FOOTING	T/FTG
TOP OF SLAB	T/SLAB
TOP OF PIER	T/PIER

THIS PLACING DRAWING IS PREPARED IN ACCORDANCE WITH
STR. DRAWING NO S101.1-OF

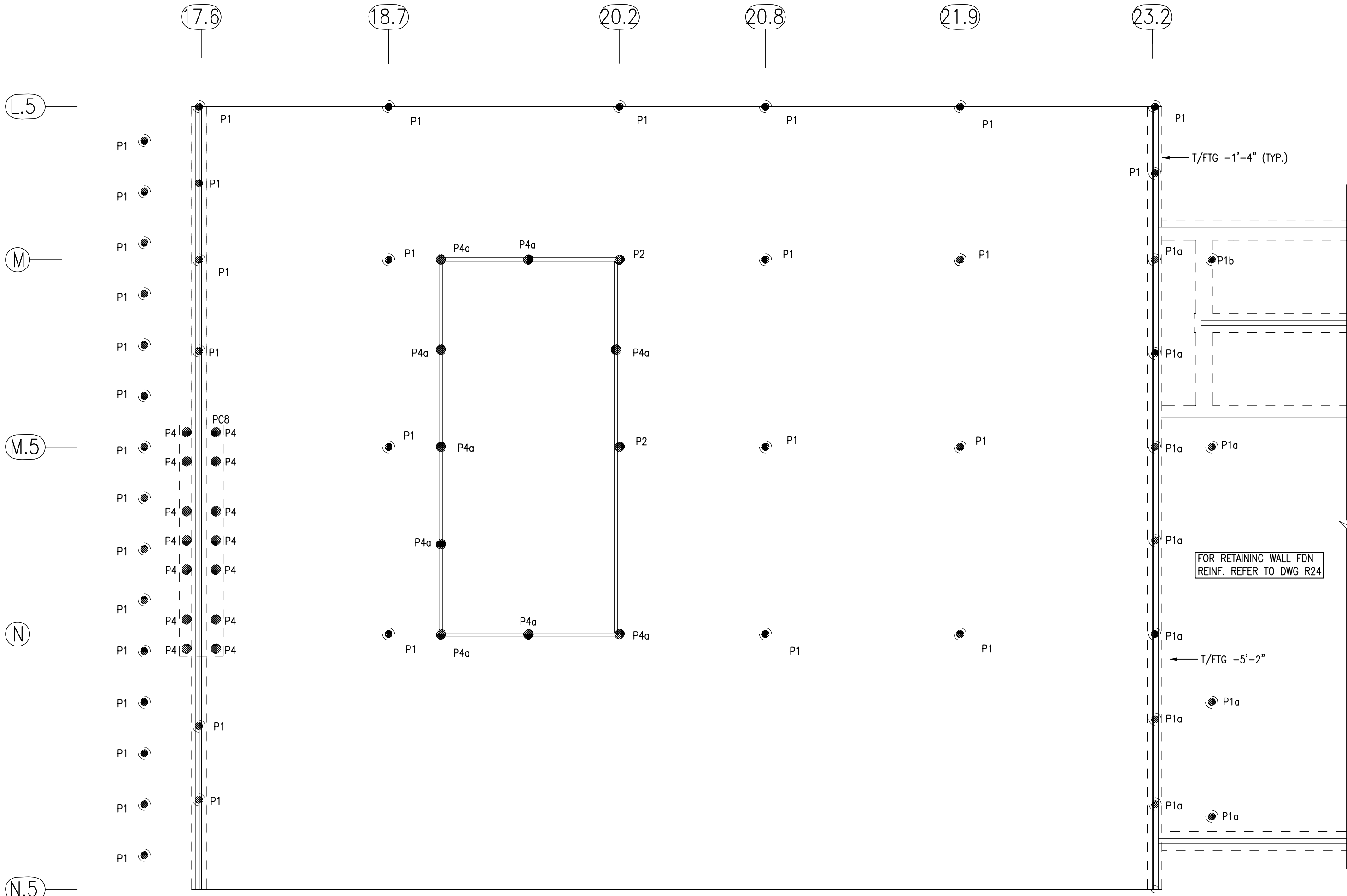
THIS DRAWING TO BE USED
FOR REBAR PLACEMENT ONLY



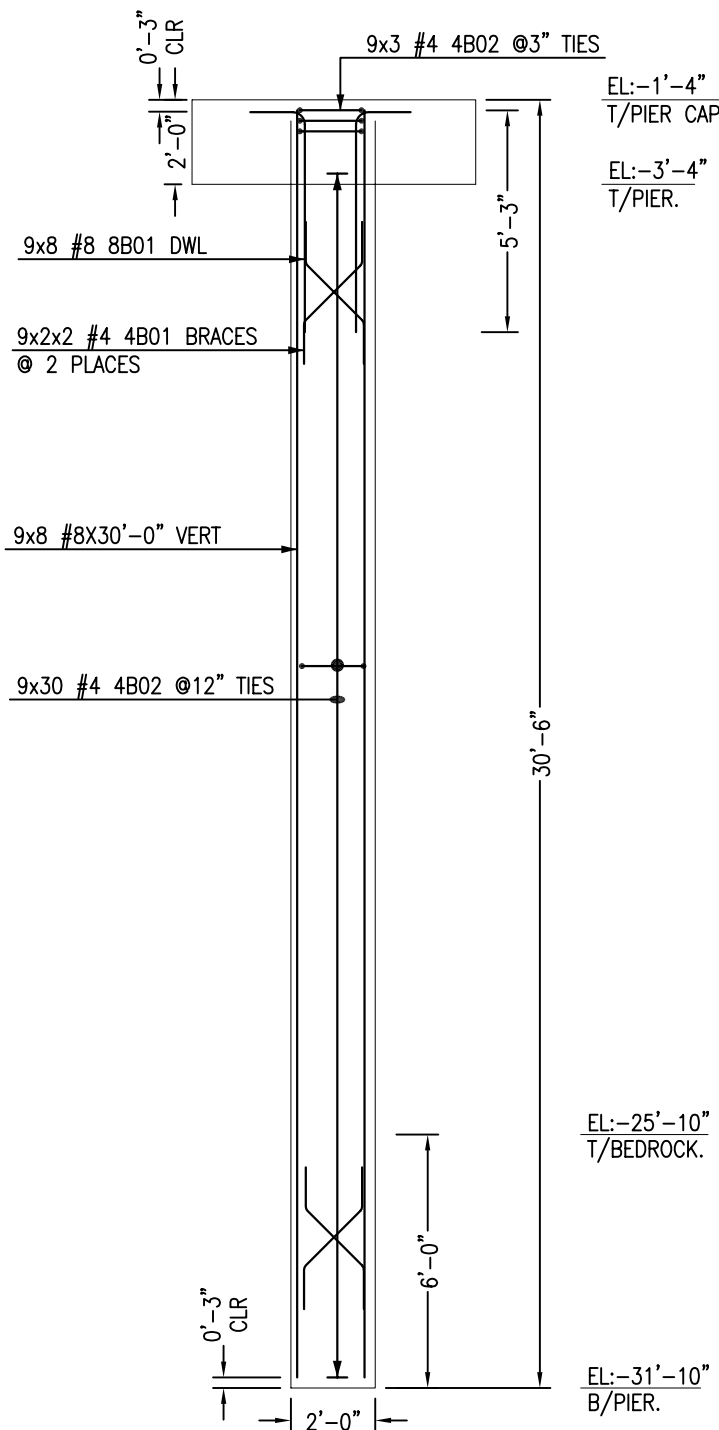
KEY PLAN
SCALE : NTS

FOR APPROVAL

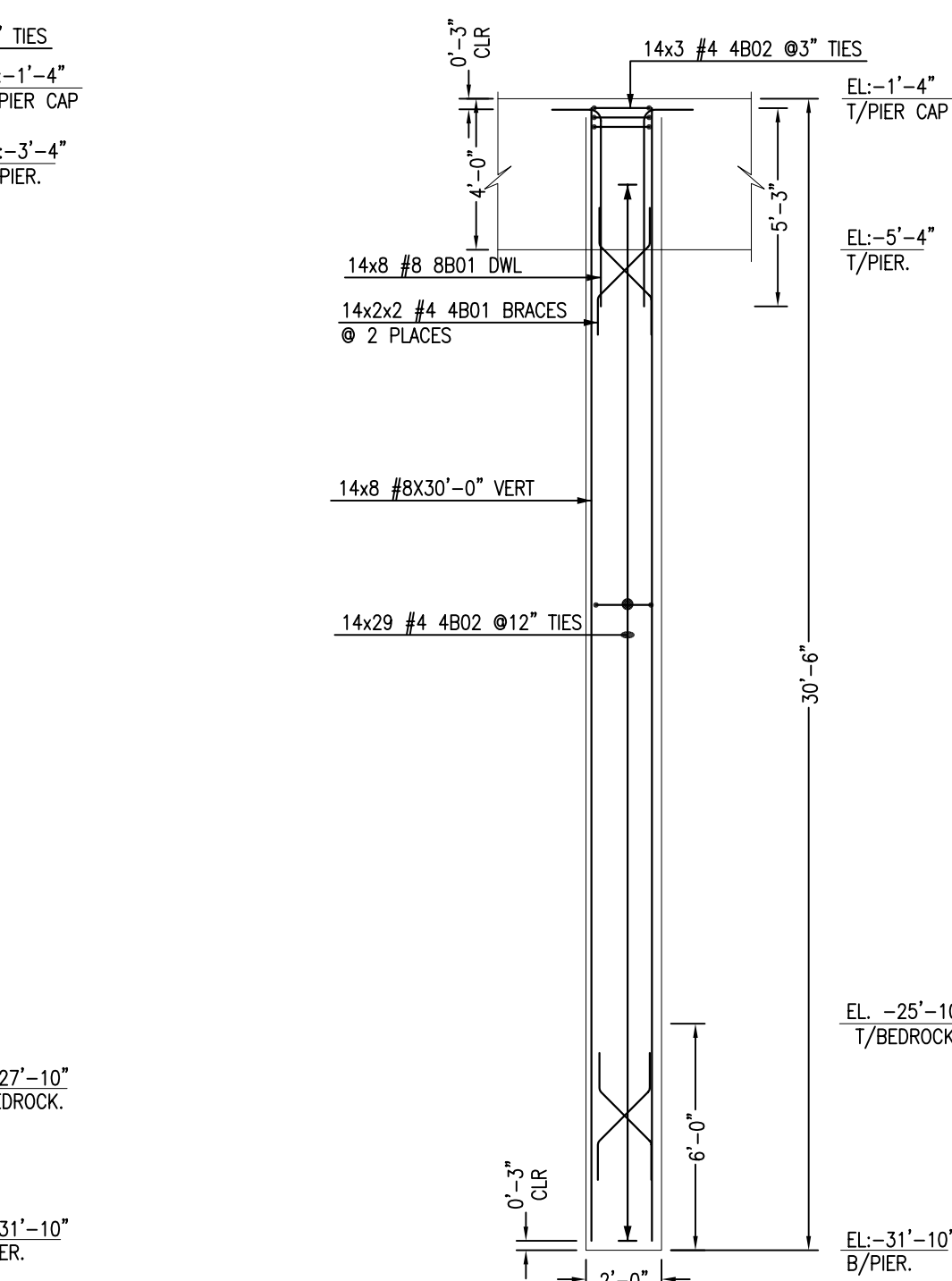
				SHEET TITLE: DRILLED PIER REINF. (AREA OF)		
				PROJECT: -		
				LOCATION: -		
ISS.	BY.	DATE	DESCRIPTION	CUSTOMER: -		
0.	-	08/20/15	FOR APPROVAL	ENGINEER: -		
				DETAILER:		
				JOB #		SHEET #
				-		R78A



DRILLED PIER REINFORCEMENT (AREA-OG)
SCALE - 1/16"=1'-0"
REF:S101.1-OG



(@ 9 PLACES)
PIER
SCALE - 1/4"=1'-0"
REF:A/SS.3



(@ 14 PLACES)
PIER
SCALE - 1/4"=1'-0"
REF:A/SS.3

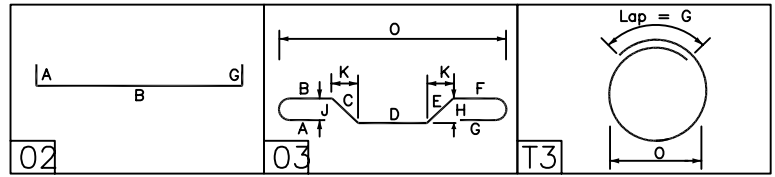
(@ 2 PLACES)
PIER
SCALE - 1/4"=1'-0"
REF:A/SS.3

(@ 10 PLACES)
PIER
SCALE - 1/4"=1'-0"
REF:A/SS.3

(@ 10 PLACES)
PIER
SCALE - 1/4"=1'-0"
REF:A/SS.3

(@ 36 PLACES)
PIER
SCALE - 1/4"=1'-0"
REF:A/SS.3

Release Code: R79		BENDING DETAILS.															
Bar Mark	Qty	Size	Total Length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'
4B01	100	#4	3'-11 1/2"	T3		1'-0"	1'-11 1/2"	1'-0"							1'-4 1/4"	3'-4 1/4"	
4B02	791	#4	6'-9 1/2"	T3			4'-8 1/2"				2'-1"					1'-6"	
4B03	108	#4	5'-2 1/2"	T3			3'-1 1/2"				2'-1"					1'-0"	
4B04	188	#4	3'-3 1/2"	T3			1'-0"	1'-3"	1'-0"			0'-11"			0'-10 1/4"	2'-10 1/4"	
6B02	282	#6	4'-2 1/2"	T2	1'-0"	3'-2"											
8B01	196	#8	6'-7 1/2"	T2	1'-4"	5'-3"											



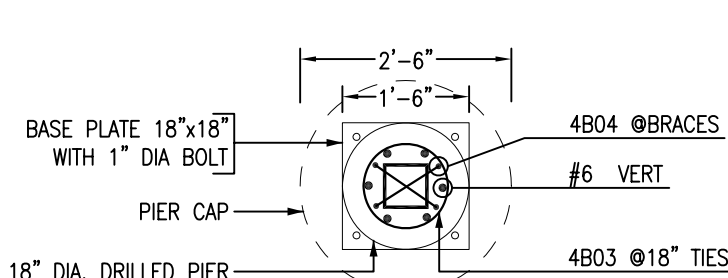
ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

ABBREVIATIONS	
TIES	TIES
VERTICAL	VERT
DOWEL	DWL

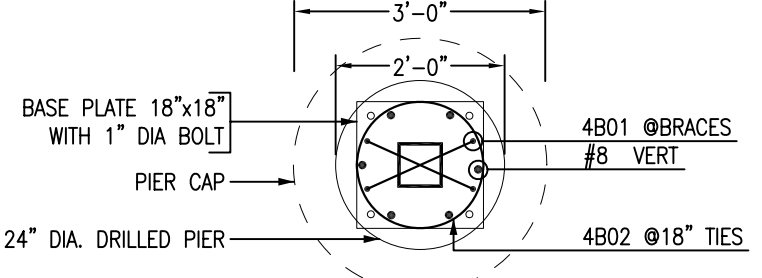
LAP SCHEDULE	
SIZE	4000 PSI
	Ld(N) Lsb(N) Lst(N)
#3	15" 20" 25"
#4	19" 25" 33"
#5	24" 32" 41"
#6	29" 38" 49"
#7	42" 55" 71"
#8	48" 63" 81"
#9	54" 71" 91"

THIS DRAWING TO BE USED
FOR REBAR PLACEMENT ONLY

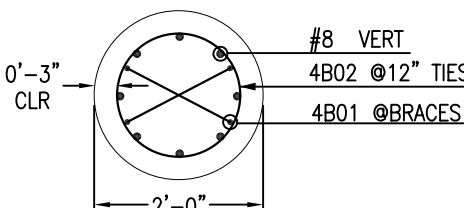
THIS PLACING DRAWING IS PREPARED IN ACCORDANCE WITH
STR. DRAWING NO S101.1-OG



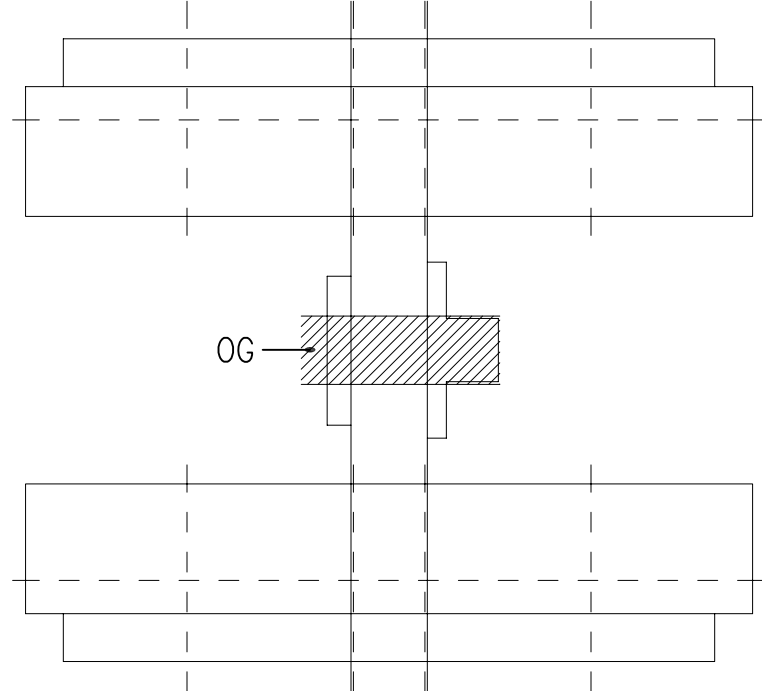
ANCHOR BOLT ARRANGEMENT
@ REBAR CAGE FOR PIER P1
SCALE - 1/2"=1'-0"
REF: B/SS.1



ANCHOR BOLT ARRANGEMENT
@ REBAR CAGE FOR PIER P2
SCALE - 1/2"=1'-0"
REF: B/SS.1



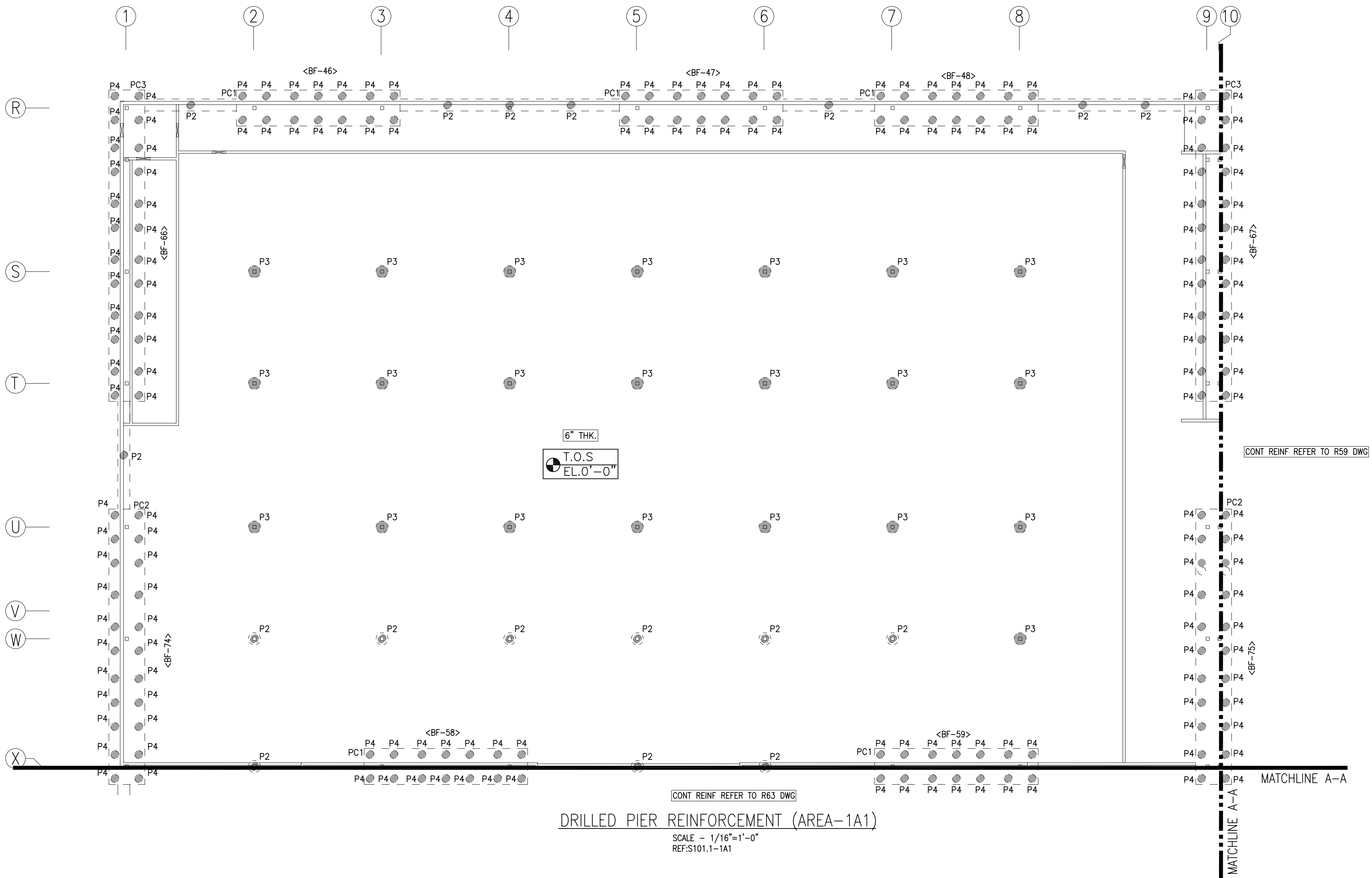
TYP SECTION @P4
SCALE - 1/2"=1'-0"
REF:A/SS.3



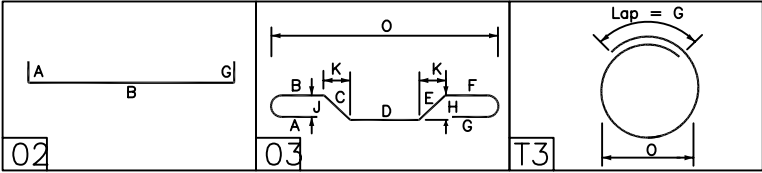
KEY PLAN

FOR APPROVAL

SHEET TITLE:				DRILLED PIER REINF. (AREA OG)		
PROJECT:				—		
LOCATION:				—		
CUSTOMER:				—		
ENGINEER:				—		
DETAILER:				JOB #	SHEET #	
				—	R79	



Release Code: R58		BENDING DETAILS.															
Bar Mark	Qty	Size	Total length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'	O'	N'
4A01	716	#4	3'-11 1/2"	3			1'-0"	1'-11 1/2"	1'-0"								
4A02	5737	#4	6'-9 1/2"	T3				4'-8 1/2"						2'-1"			1'-6"
4A03	506	#4	9'-11"	T3				7'-10"						2'-1"			2'-6"
5A01	88	#5	8'-0"	T3				6'-8"						1'-4"			
5A02	176	#5	5'-1"	3			1'-0"	3'-1"	1'-0"					2'-2 1/2"		2'-1 1/2"	4'-1 1/2"
8A01	1398	#8	6'-7"	2		1'-4"		5'-3"									
9A01	220	#9	7'-6"	2		1'-3"		5'-11"									



ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

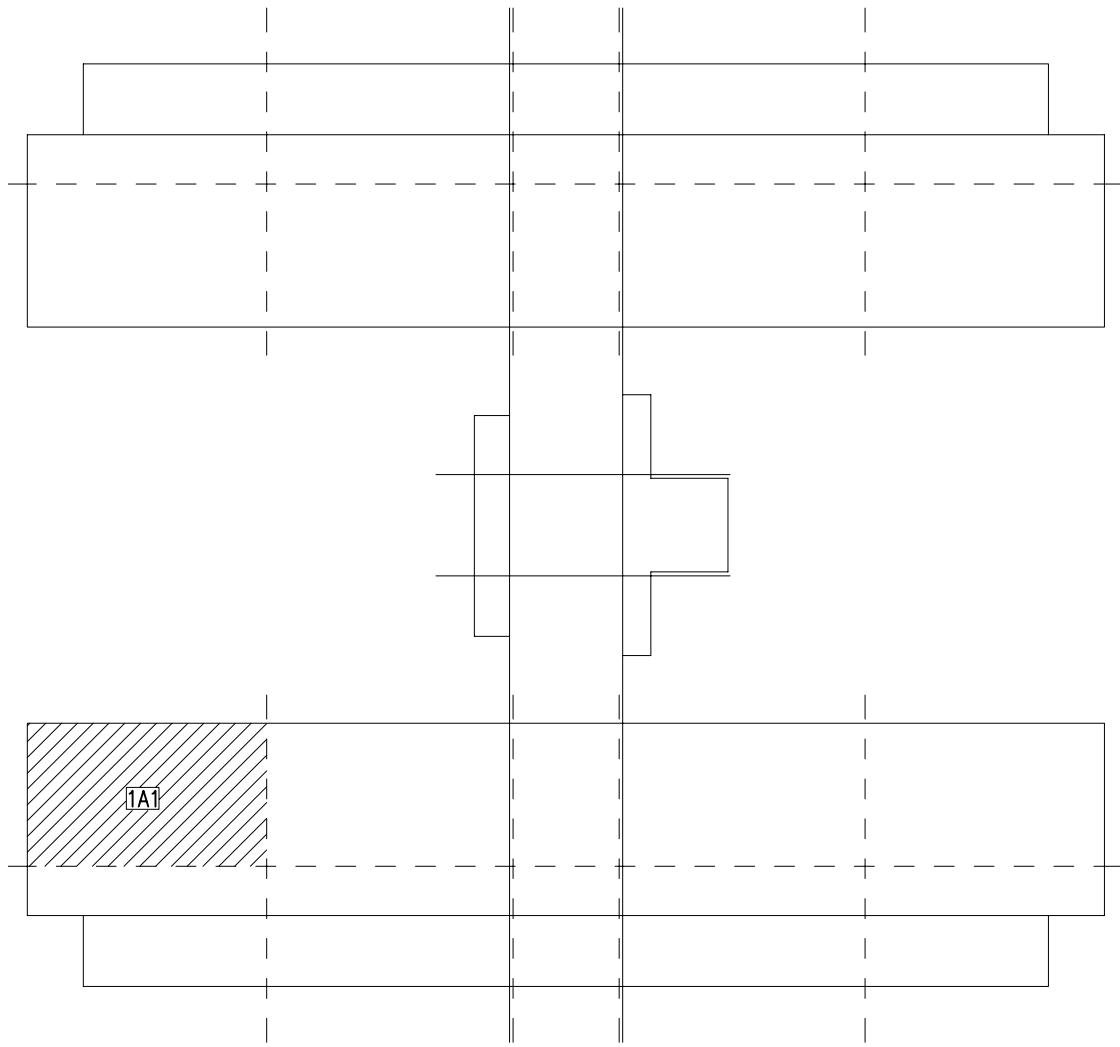
ABBREVIATIONS		TOP	
TOP		TOP	
BOTTOM		BOT	
TOP&BOTTOM		T&B	
CONTINUOUS		CONT	
CORNER BAR		COR	
VERTICAL		VERT	
HORIZONTAL		HORZ	
EACH WAY		EW	
EACH SIDE		ES	
DOWEL		DWL	
TRANSVERSE		TRANS	
LONG WAY BAR		LW	
SHORT WAY BAR		SW	

LAP SCHEDULE		4000 PSI		
SIZE		Ld(N)	Lsb(N)	Lst(N)
#3	15"	20"	25"	
#4	19"	25"	33"	
#5	24"	32"	41"	
#6	29"	38"	49"	
#7	42"	55"	71"	
#8	48"	63"	81"	
#9	54"	71"	91"	

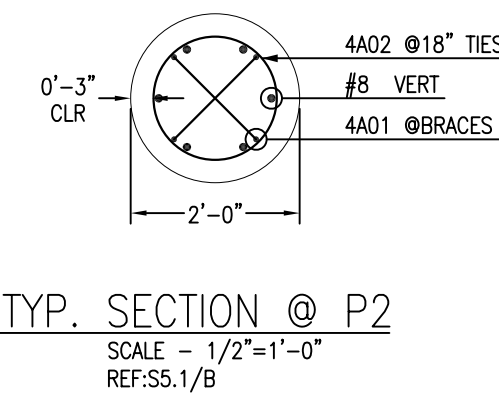
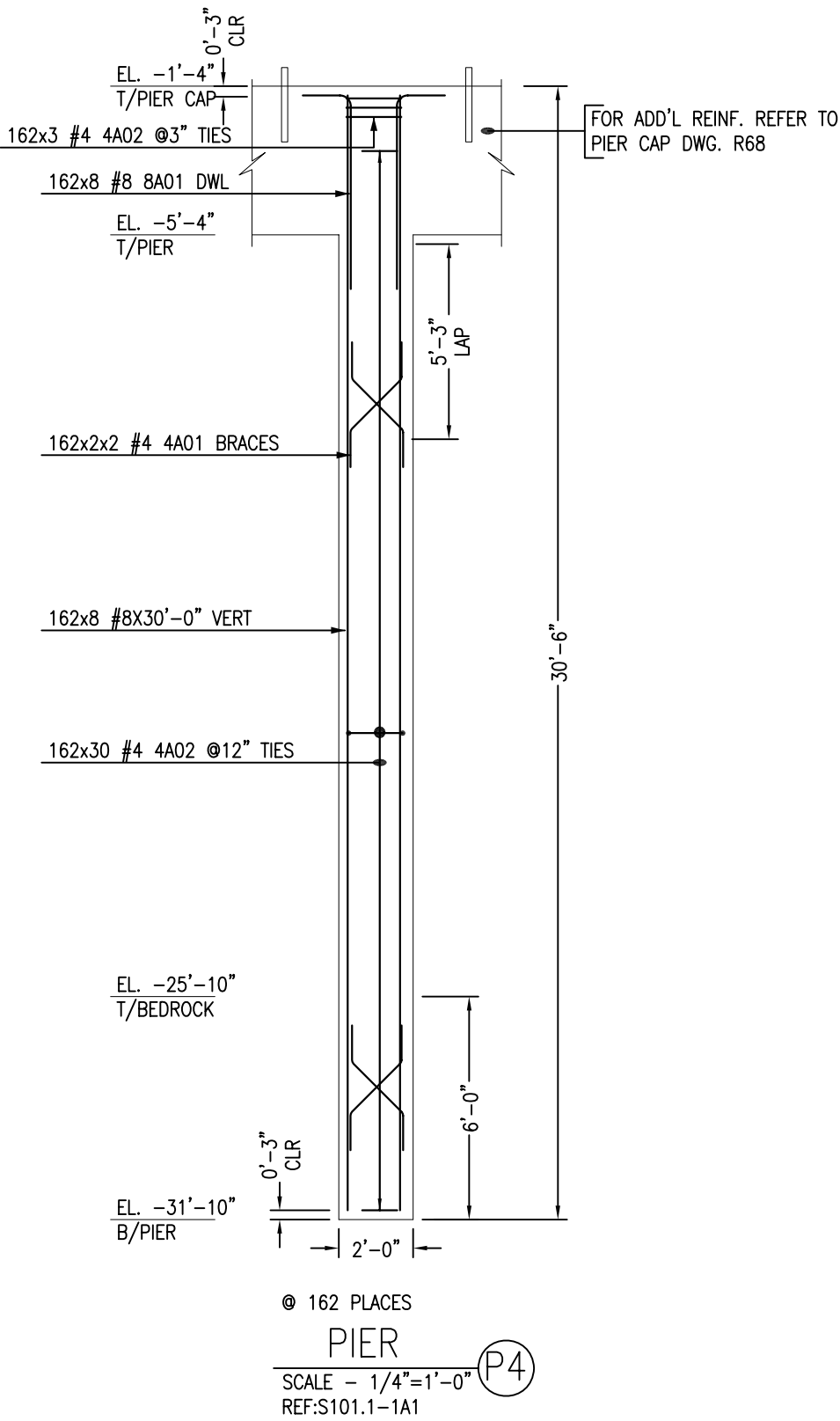
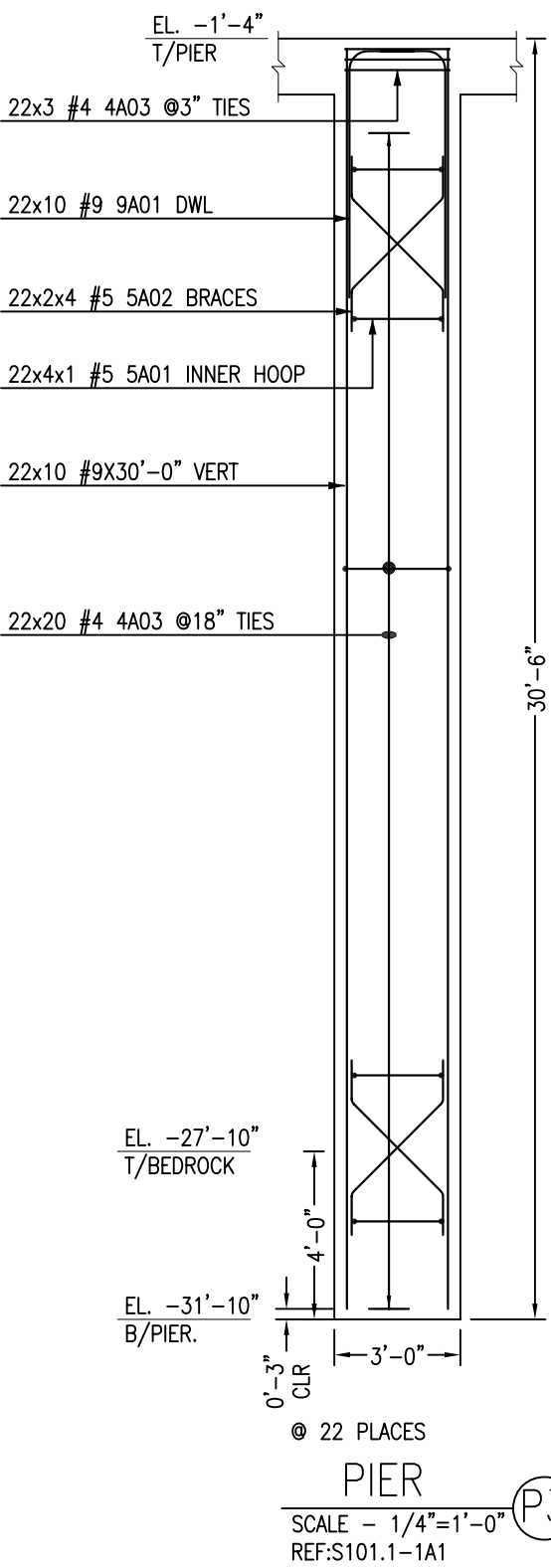
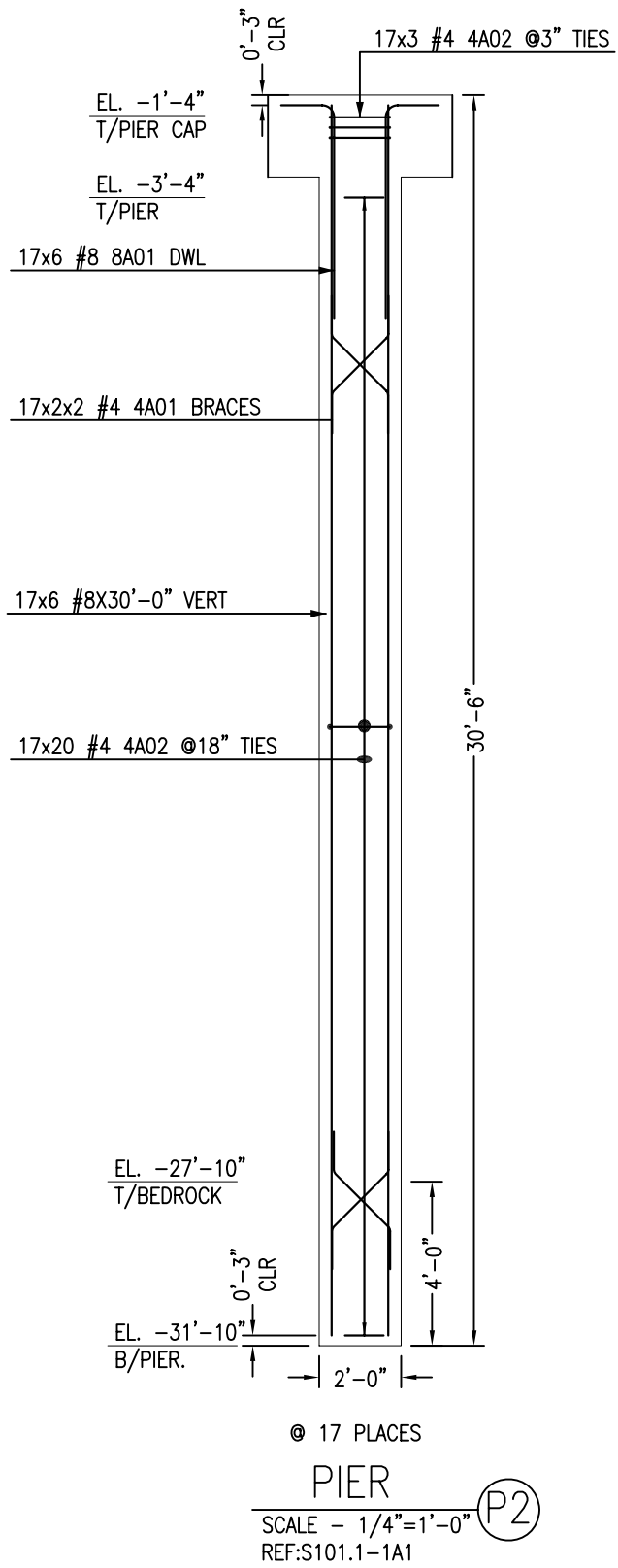
THIS PLACING DRAWING IS PREPARED IN ACCORDANCE WITH
STR. DRAWING NO. S101.1-1A1

THIS DRAWING TO BE USED
FOR REBAR PLACEMENT ONLY

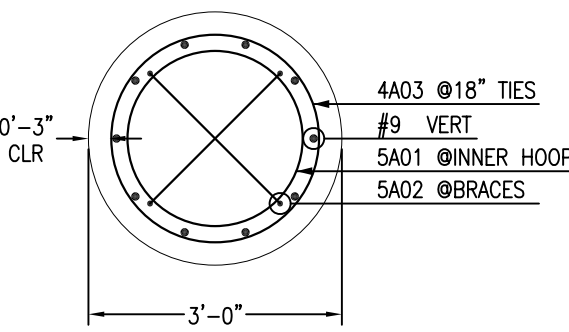
FOR PIER CAP REINFORCEMENT
REFER TO DWG R68



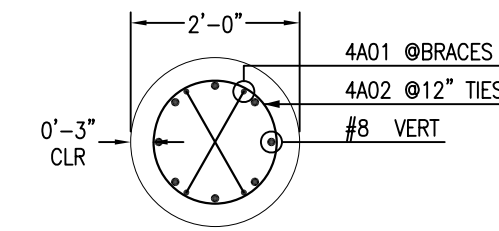
KEY PLAN



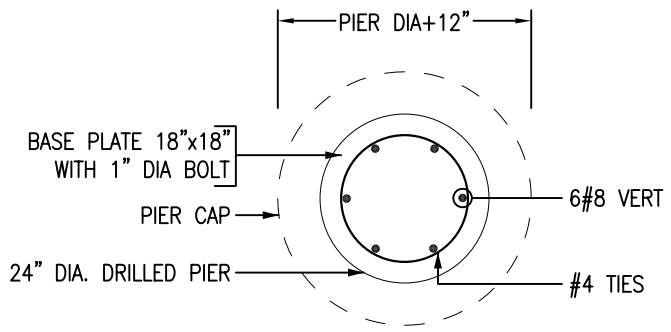
TYP. SECTION @ P2
SCALE - 1/2"=1'-0"
REF: S5.1/B



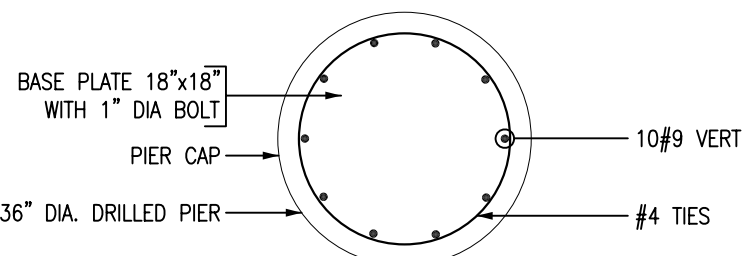
TYP. SECTION @ P3
SCALE - 1/2"=1'-0"
REF: S5.1/B



TYP. SECTION @ P4
SCALE - 1/2"=1'-0"
REF: S6.1/D



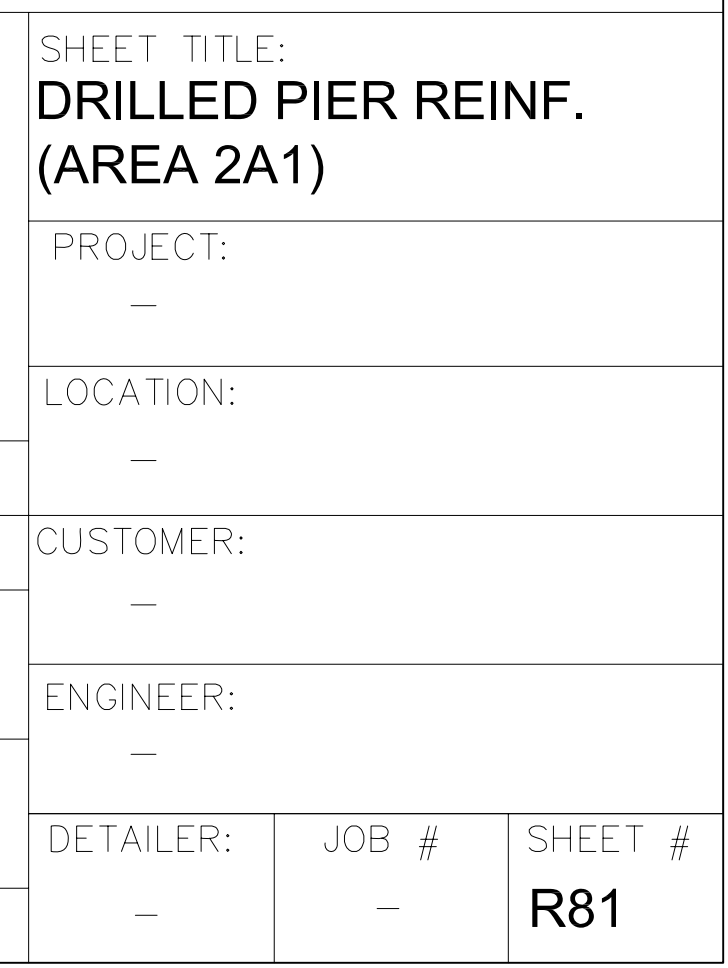
ANCHOR BOLT ARRANGEMENT
@ REBAR CAGE FOR PIER P2
SCALE - 1/2"=1'-0"
REF: B/S5.1

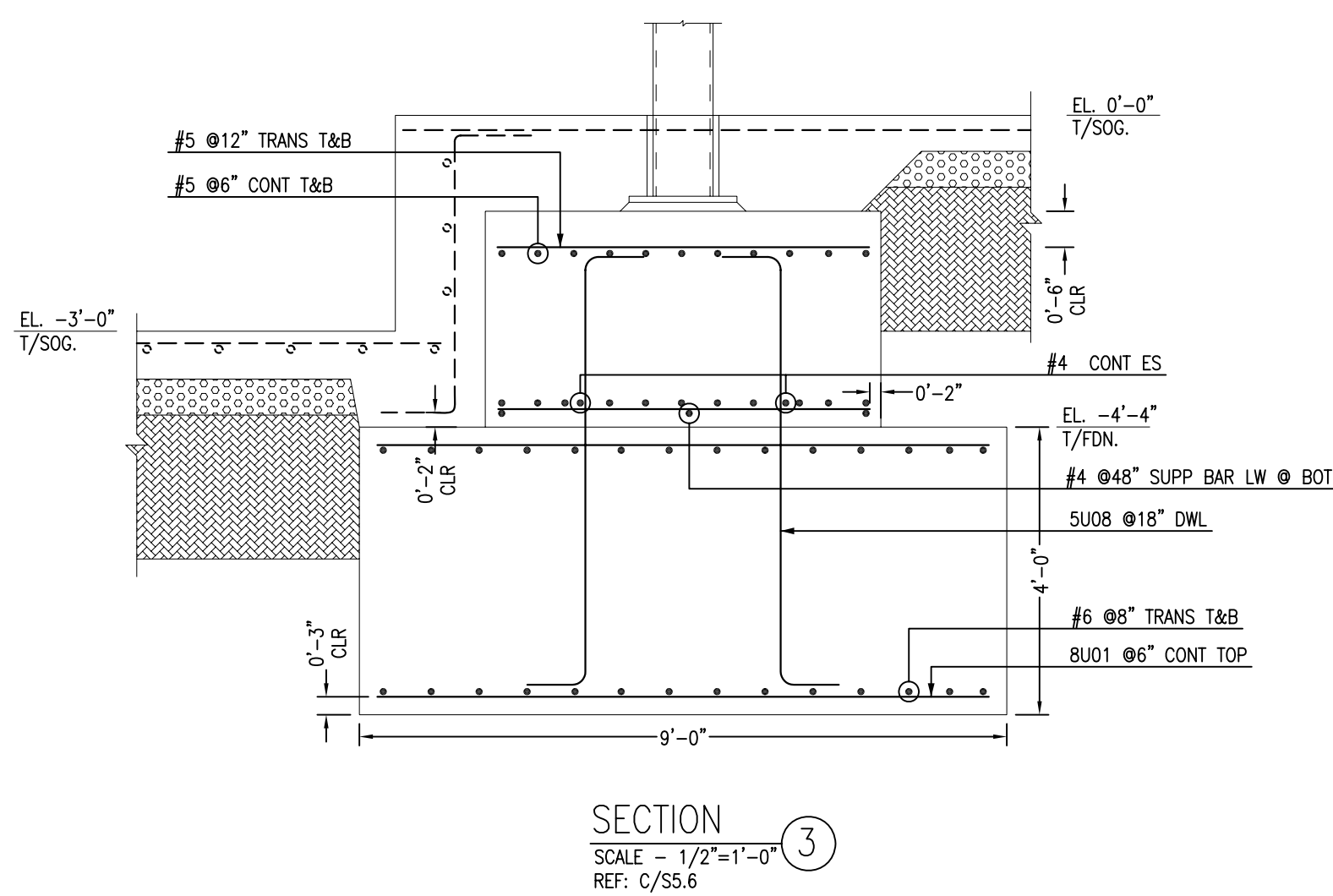
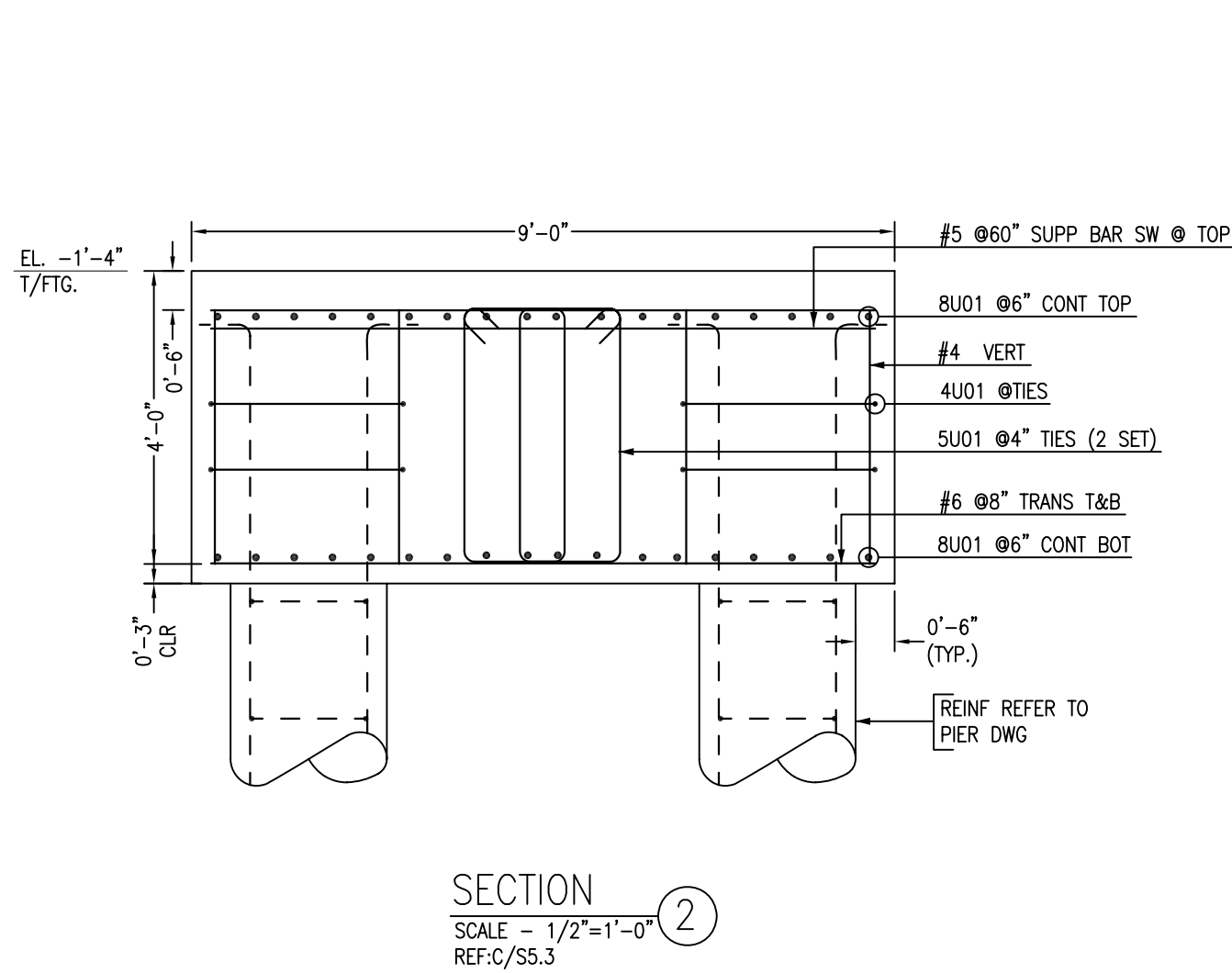
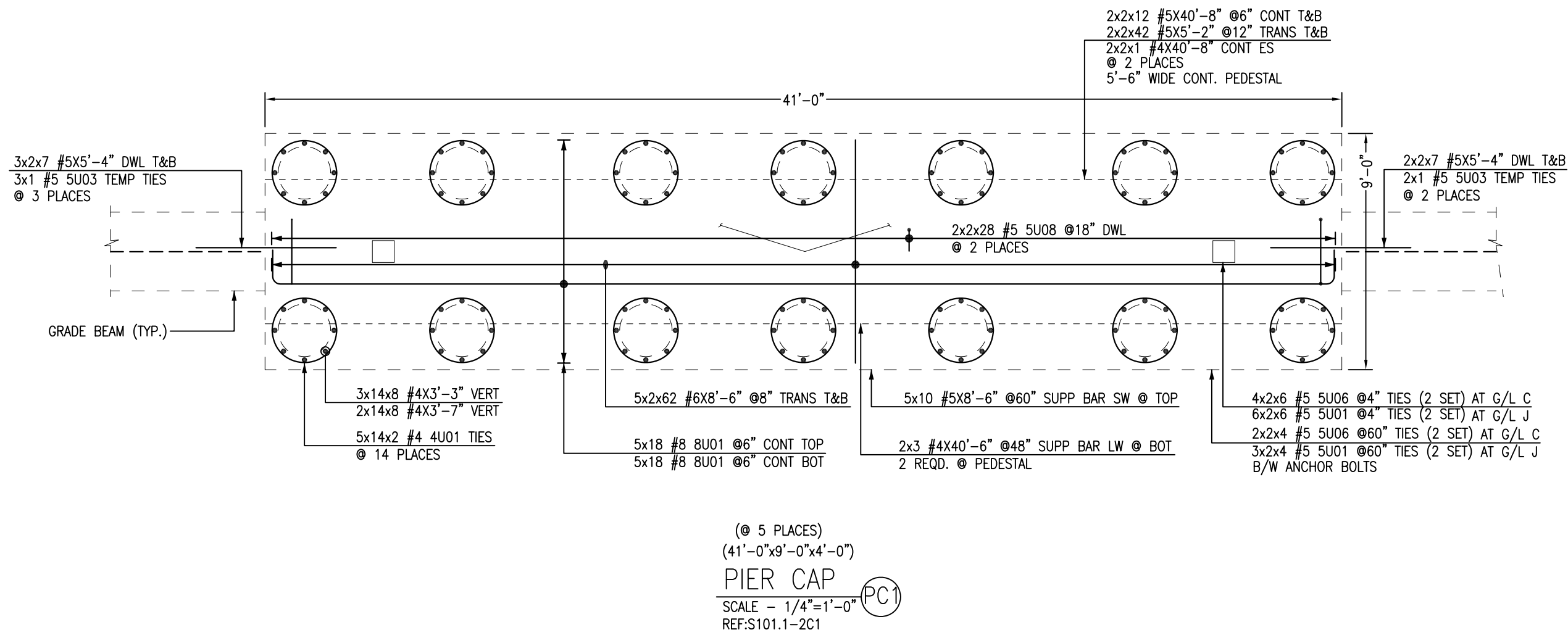


ANCHOR BOLT ARRANGEMENT
@ REBAR CAGE FOR PIER P3
SCALE - 1/2"=1'-0"
REF: B/S5.1

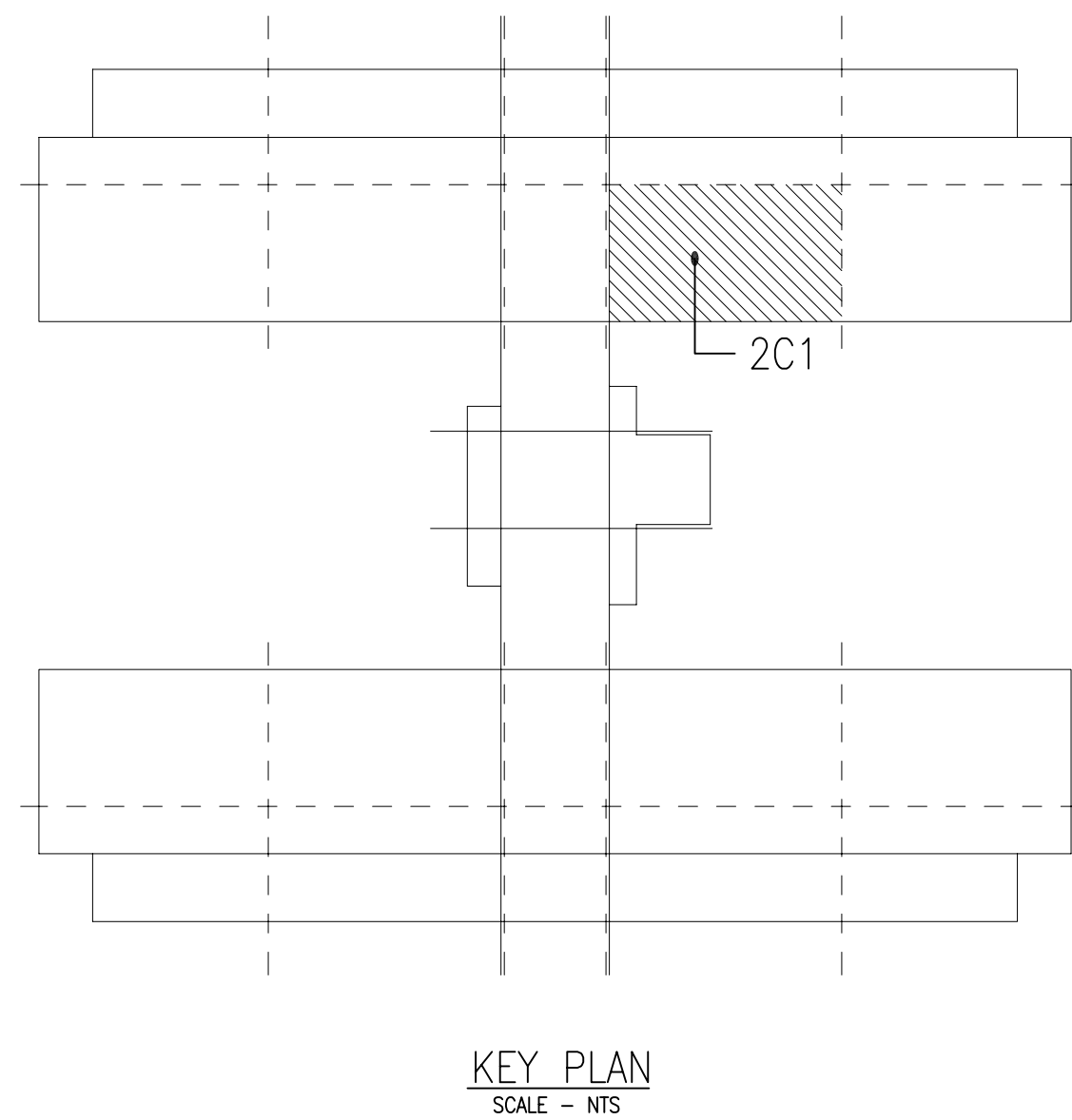
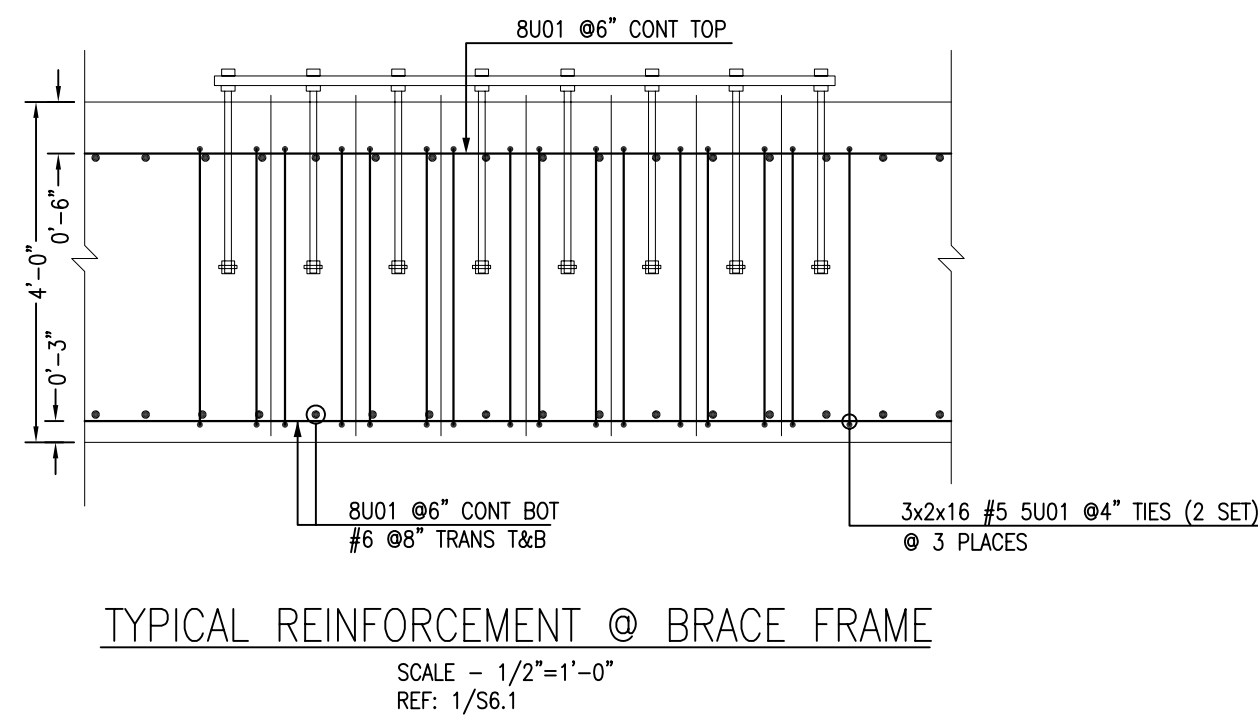
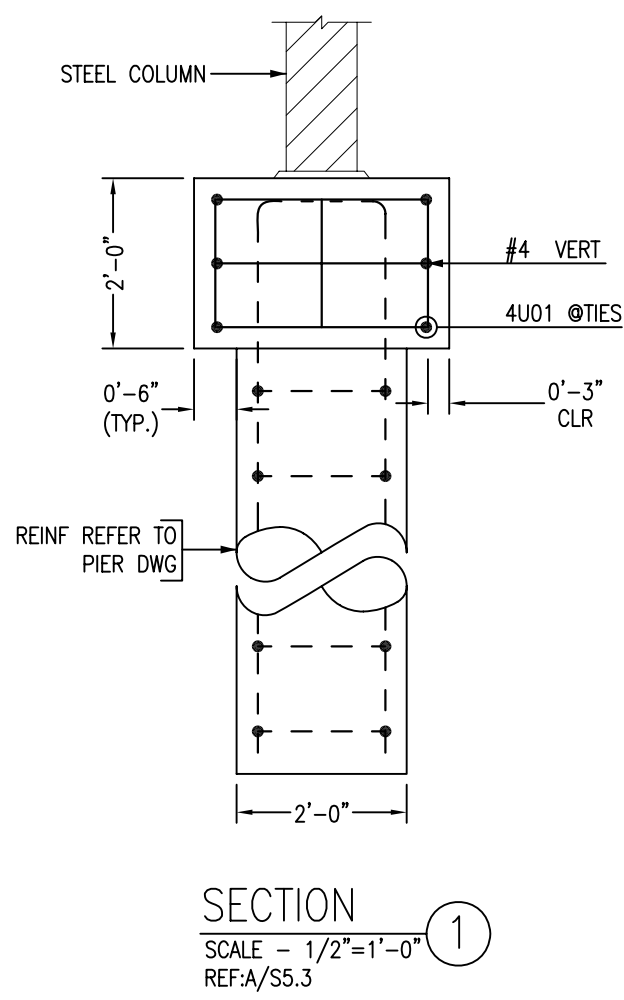
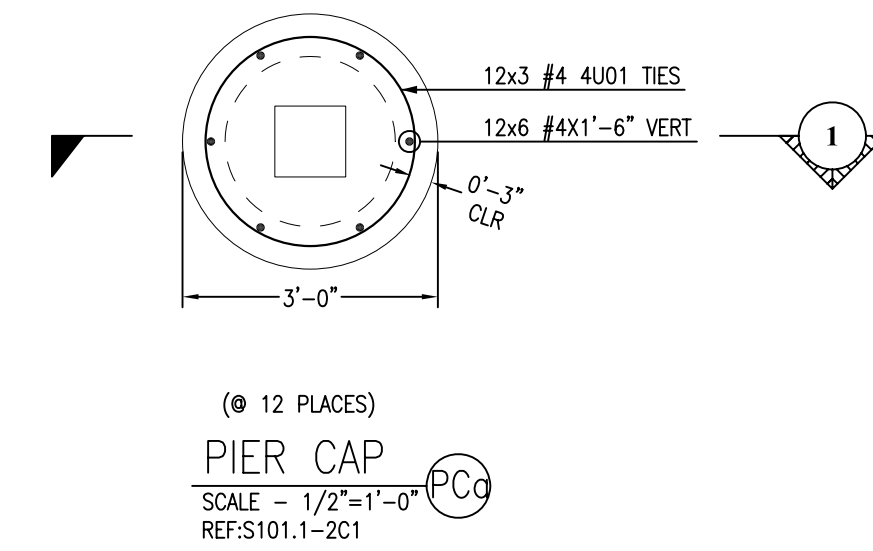
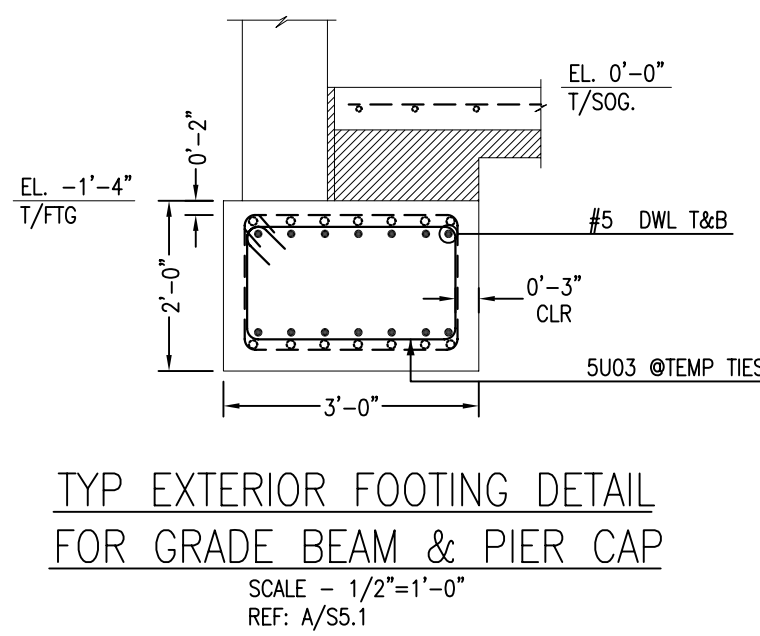
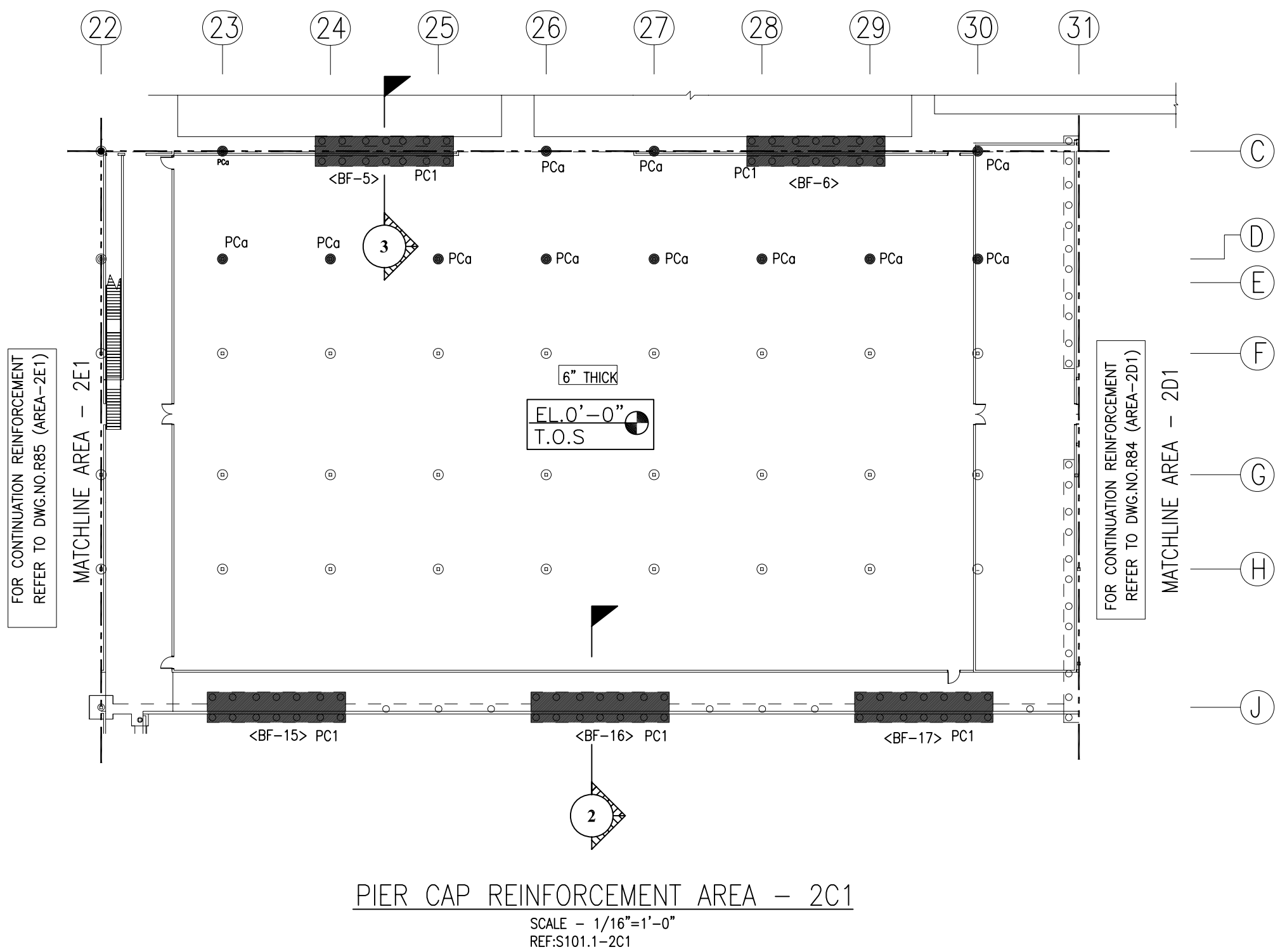
FOR APPROVAL

SHEET TITLE: DRILLED PIER REINF. (AREA 1A1)				PROJECT: —		
LOCATION: —				CUSTOMER: —		
ENGINEER: —				DETAILER: —		
DATE: 08/20/15				JOB # —		
FOR APPROVAL				SHEET # R58		

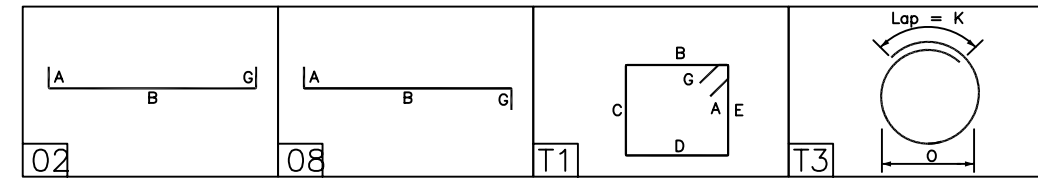




TYP @ G/L C



Release Code: R93		BENDING DETAILS.													
Bar Mark	Qty	Size	Total length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'
4U01	176	#4	9'-11"	T3			7'-10"				2'-1"				
SU01	192	#5	10'-2"	T1	0'-5 1/2"	1'-4"	3'-3 1/2"	1'-4"	3'-3 1/2"		0'-5 1/2"	0'-3 3/4"			2'-6"
SU03	5	#5	8'-8"	T1	0'-5 1/2"	2'-6"	1'-4 1/2"	2'-6"	1'-4 1/2"		0'-5 1/2"	0'-3 3/4"			
SU06	128	#5	10'-9"	T1	0'-5 1/2"	1'-4"	3'-7"	1'-4"	3'-7"		0'-5 1/2"	0'-3 3/4"			
SU08	112	#5	7'-8"	T8	0'-10"	6'-0"					0'-10"				
BU01	180	#8	4'-3'-2"	2	1'-4"	4'-0'-6"					1'-4"				



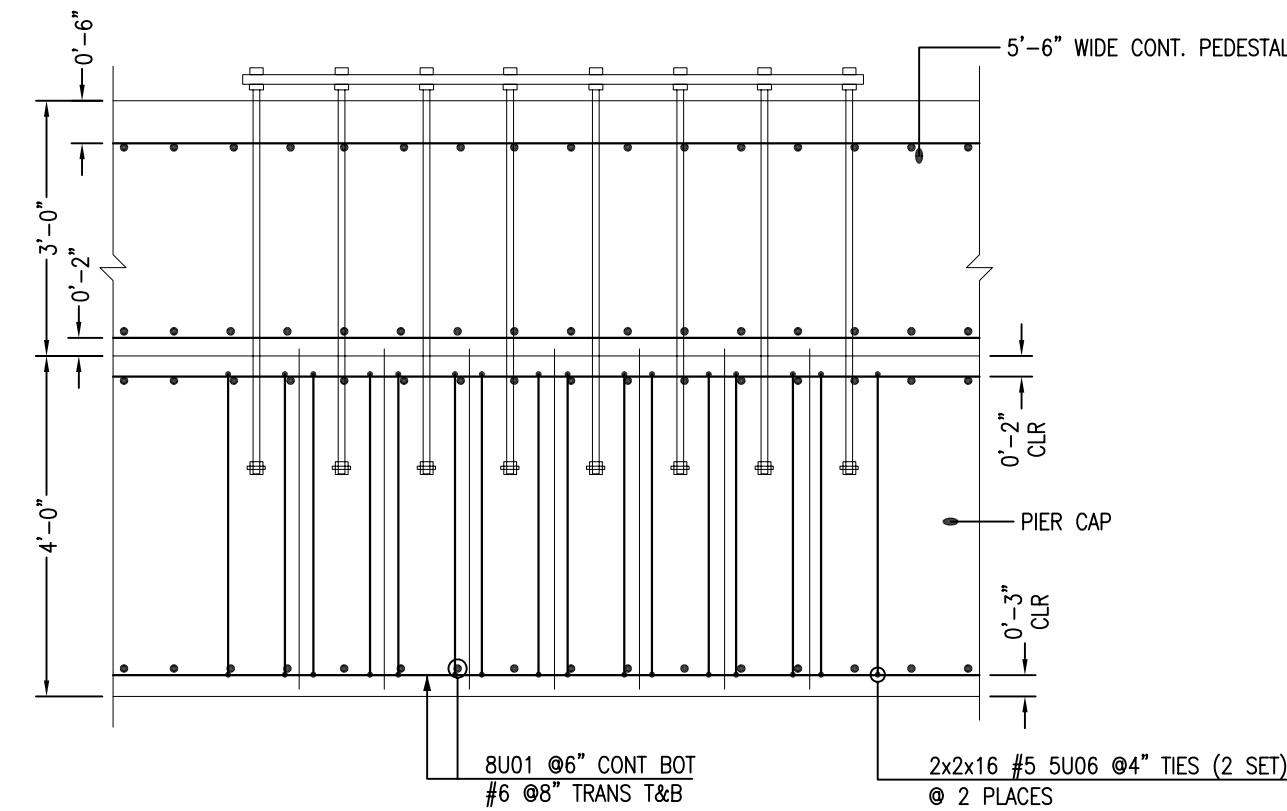
ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

ABBREVIATIONS		TIES	
TIES		TIES	
VERTICAL		VERT	
DOWEL		DWL	

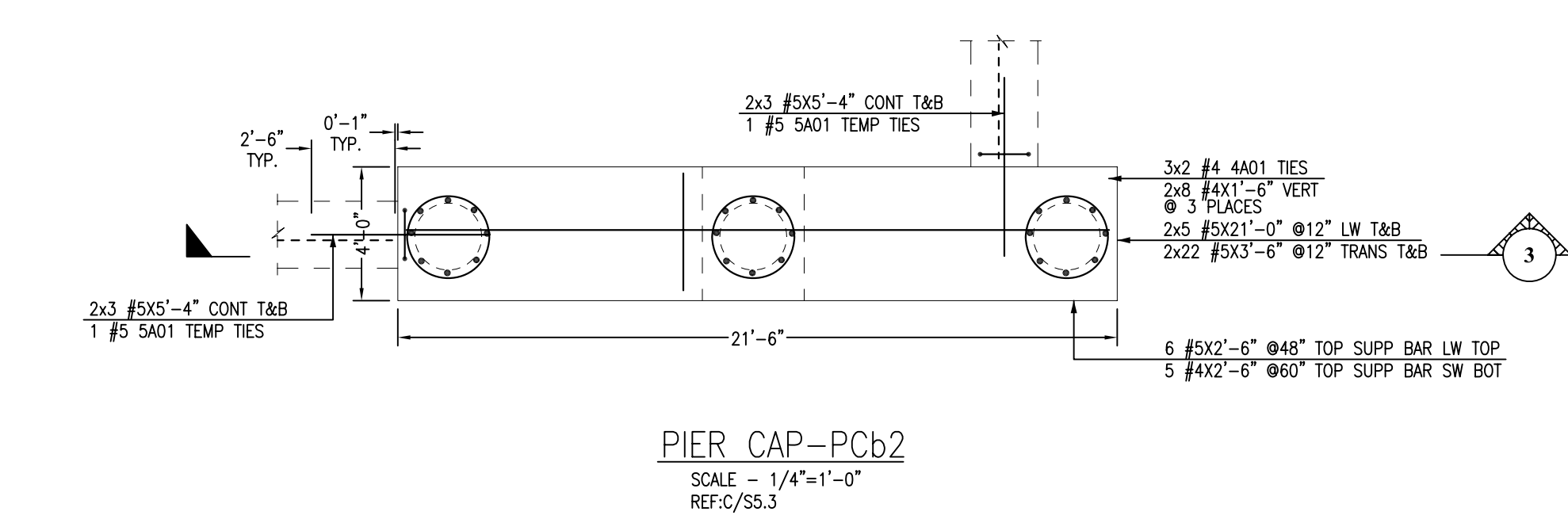
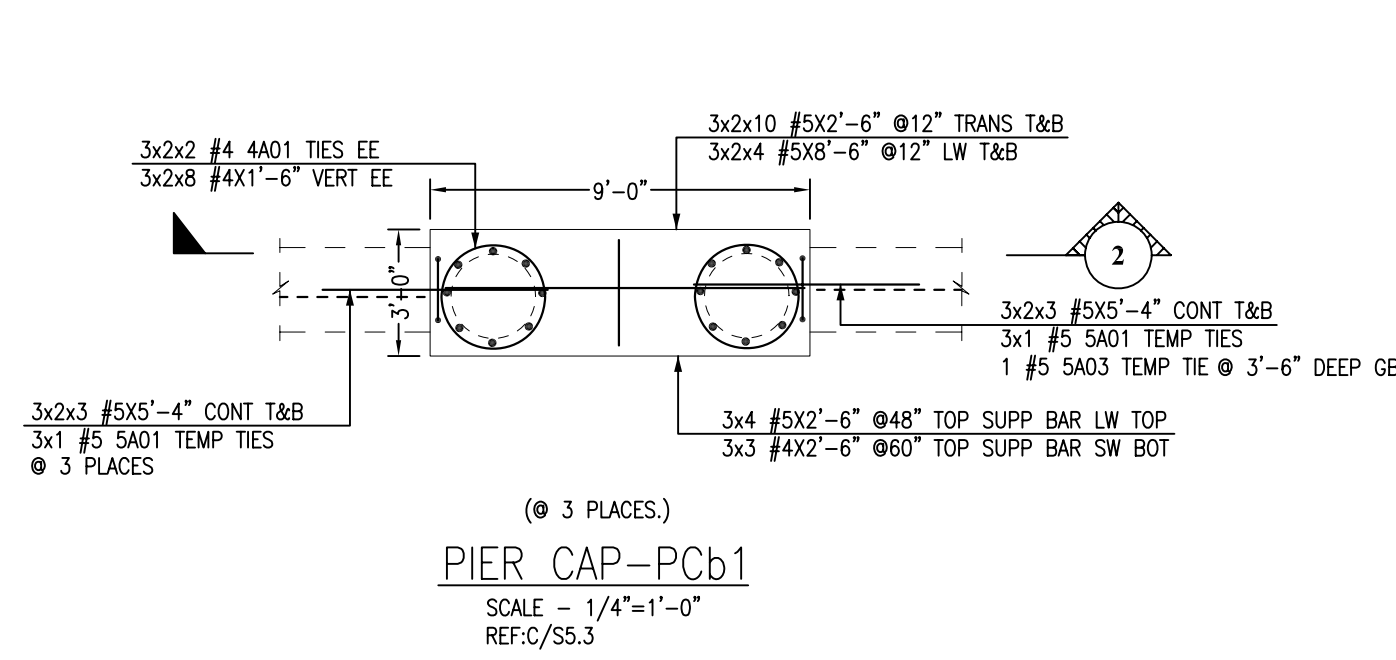
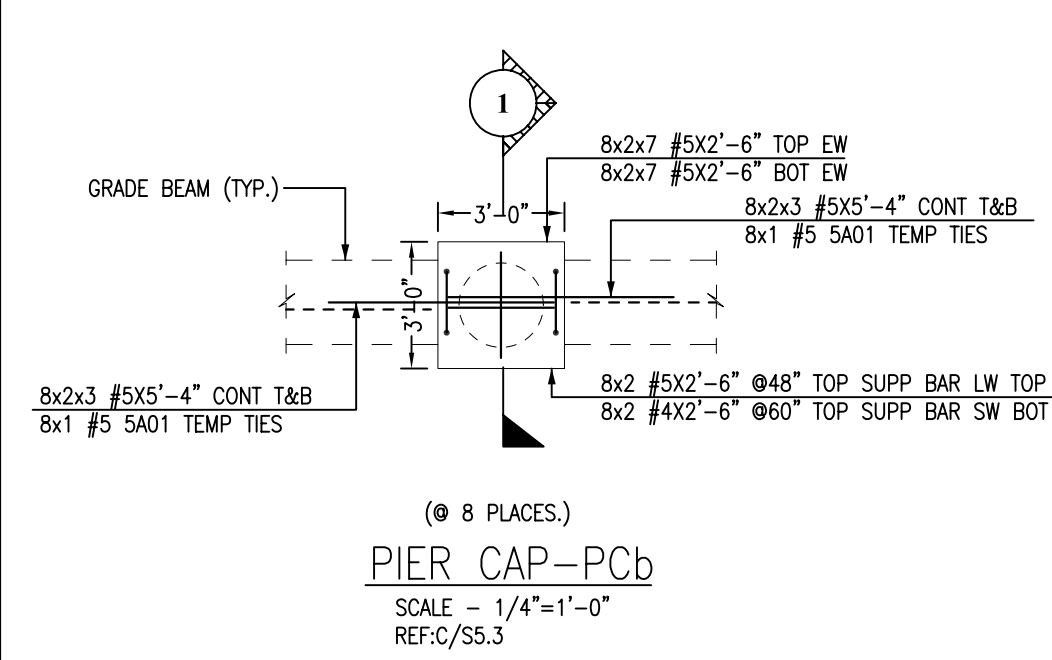
LAP SCHEDULE		4000 PSI		
SIZE	Ld(IN)	Lsb(N)	Lst(IN)	
#3	15"	20"	25"	
#4	19"	25"	33"	
#5	24"	32"	41"	
#6	29"	38"	49"	
#7	42"	55"	71"	
#8	48"	63"	81"	
#9	54"	71"	91"	

THIS DRAWING TO BE USED
FOR REBAR PLACEMENT ONLY

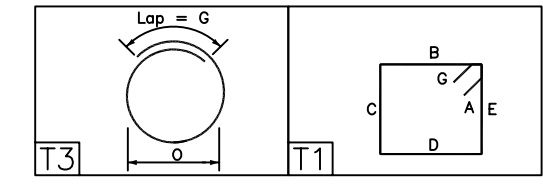
THIS PLACING DRAWING IS PREPARED IN ACCORDANCE WITH
STR. DRAWING NO S101.1-2C1



SHEET TITLE: PIER CAP REINFORCEMENT (AREA -2C1)				PROJECT: —		
LOCATION: —				CUSTOMER: —		
ENGINEER: —				DETAILER: —		
FOR APPROVAL				JOB #	SHEET #	
				—	R93	



Release Code: R98		BENDING DETAILS.															
Bar Mark	Qty	Size	Total length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'
4A01	18	#4	9'-11"	T3			7'-10"					2'-1"					
5A01	24	#5	6'-8"	T1	0'-5 1/2"	1'-6"	1'-4 1/2"	1'-6"	1'-4 1/2"			0'-5 1/2"	0'-3 1/4"				
5A03	1	#5	9'-7 1/4"	T1	0'-5 1/2"	1'-5 1/2"	2'-10 1/2"	1'-6"	2'-10 1/2"			0'-5 1/2"	0'-3 1/4"				



ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

ABBREVIATIONS	
TIES	TIES
VERTICAL	VERT
TRANSVERSE	TRANS
LONG WAY BAR	LW

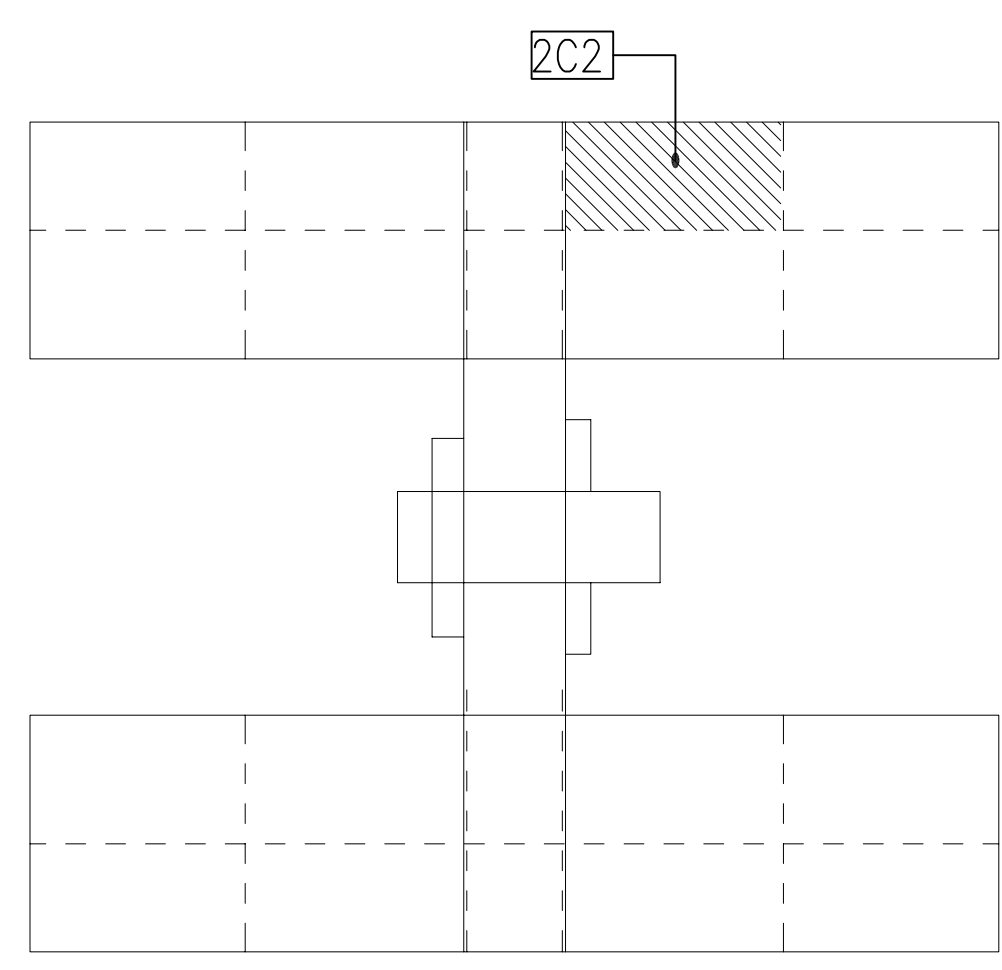
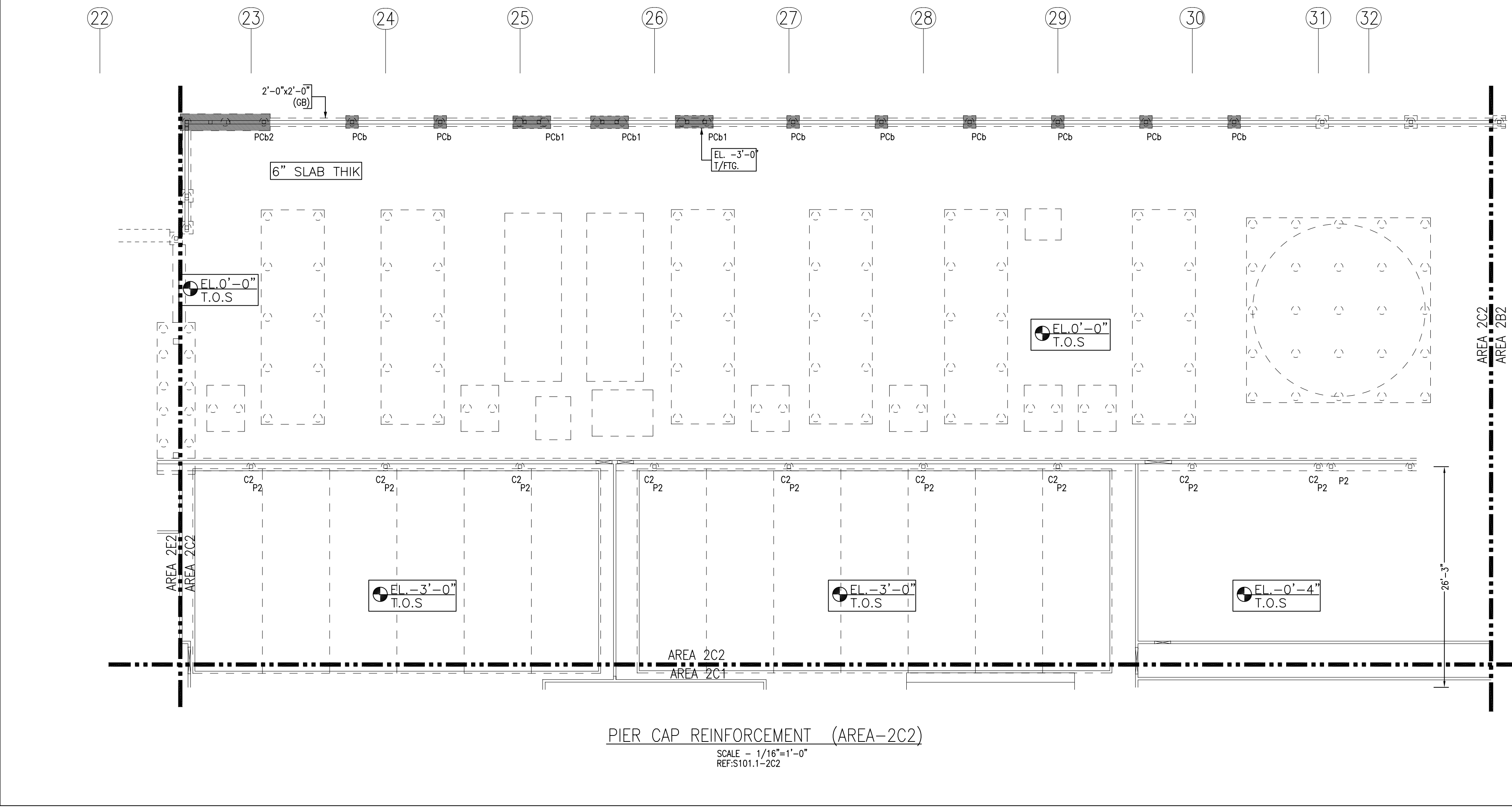
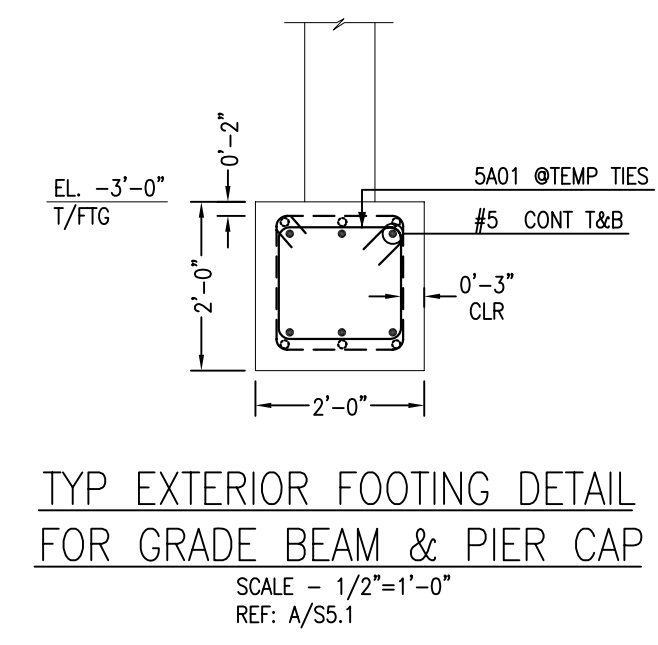
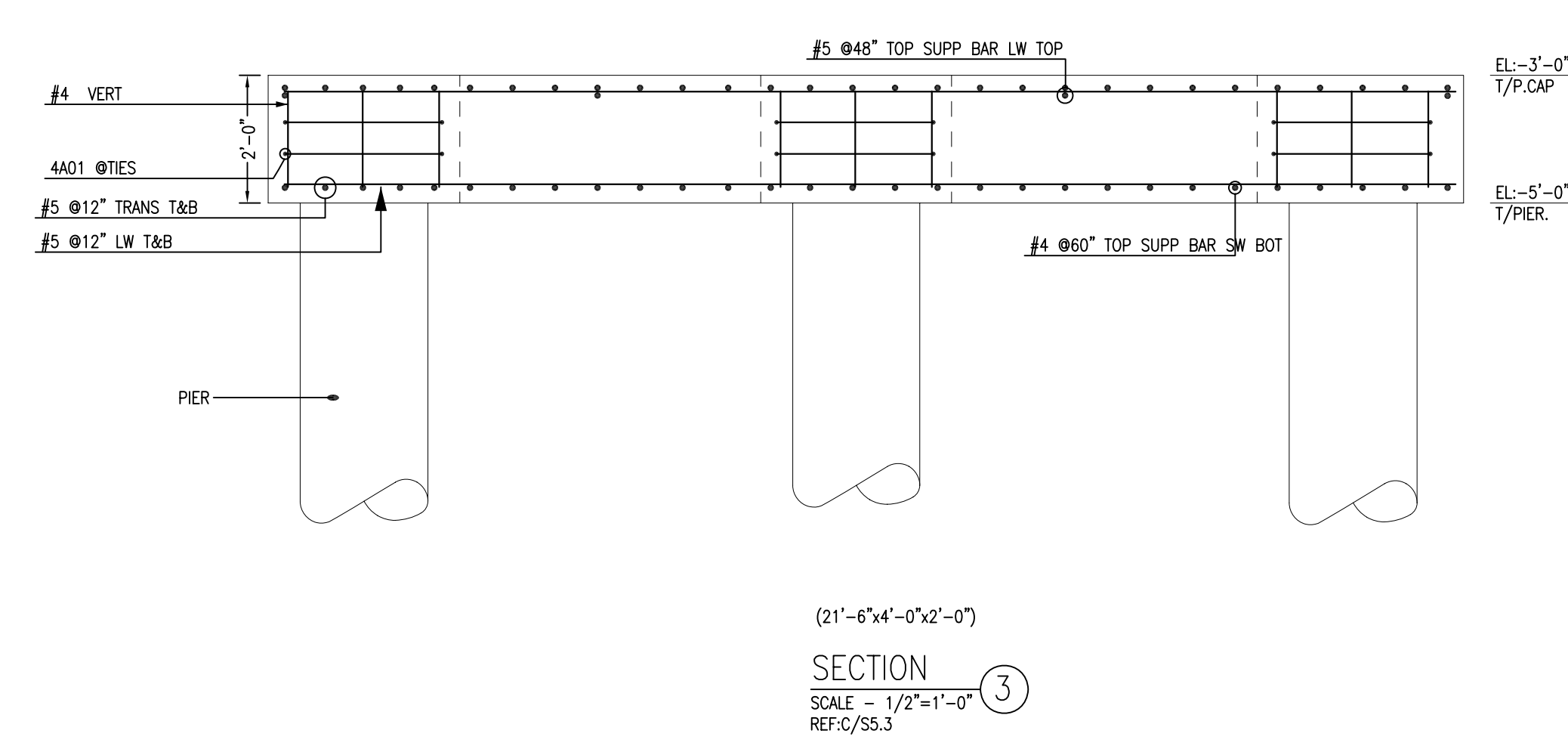
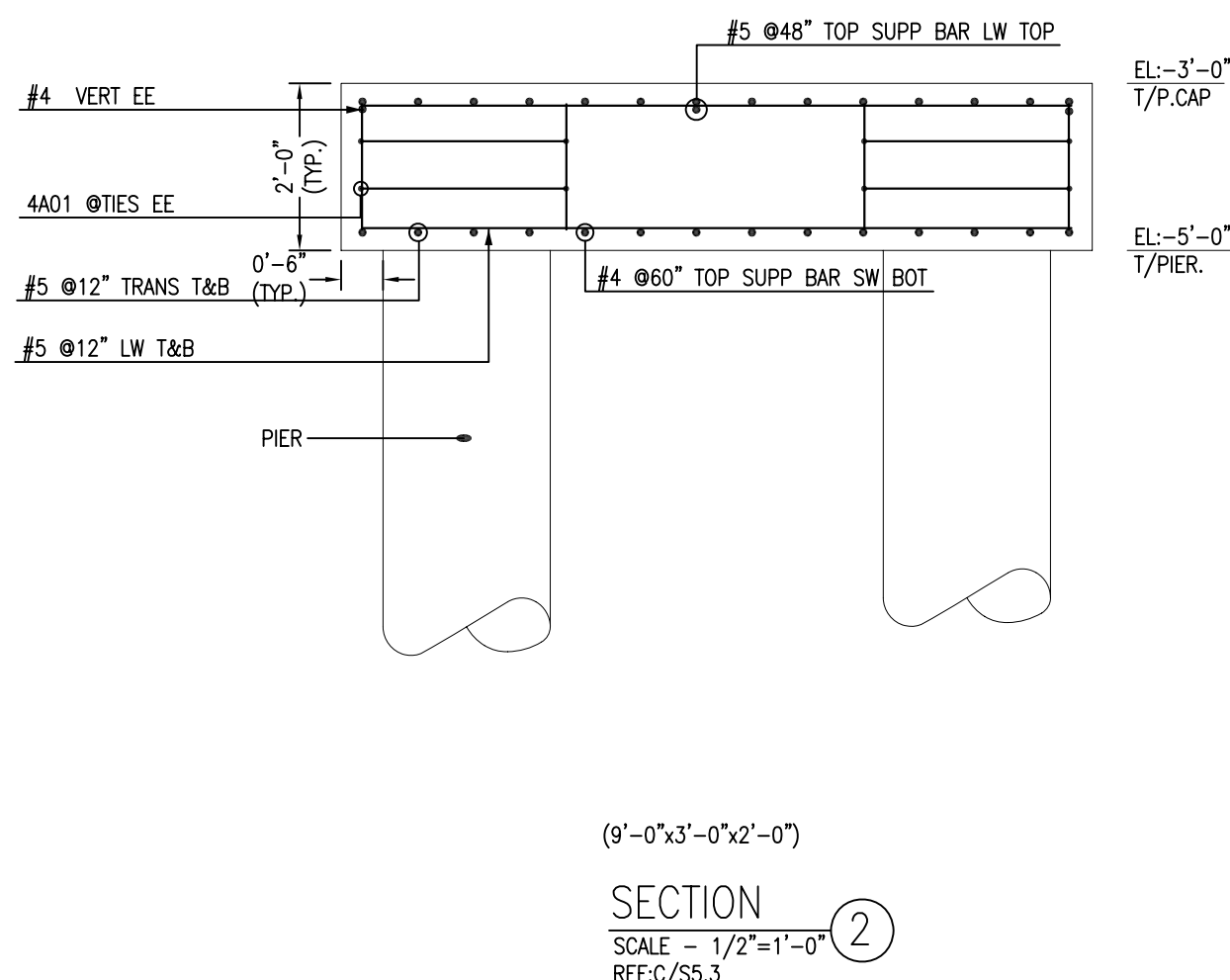
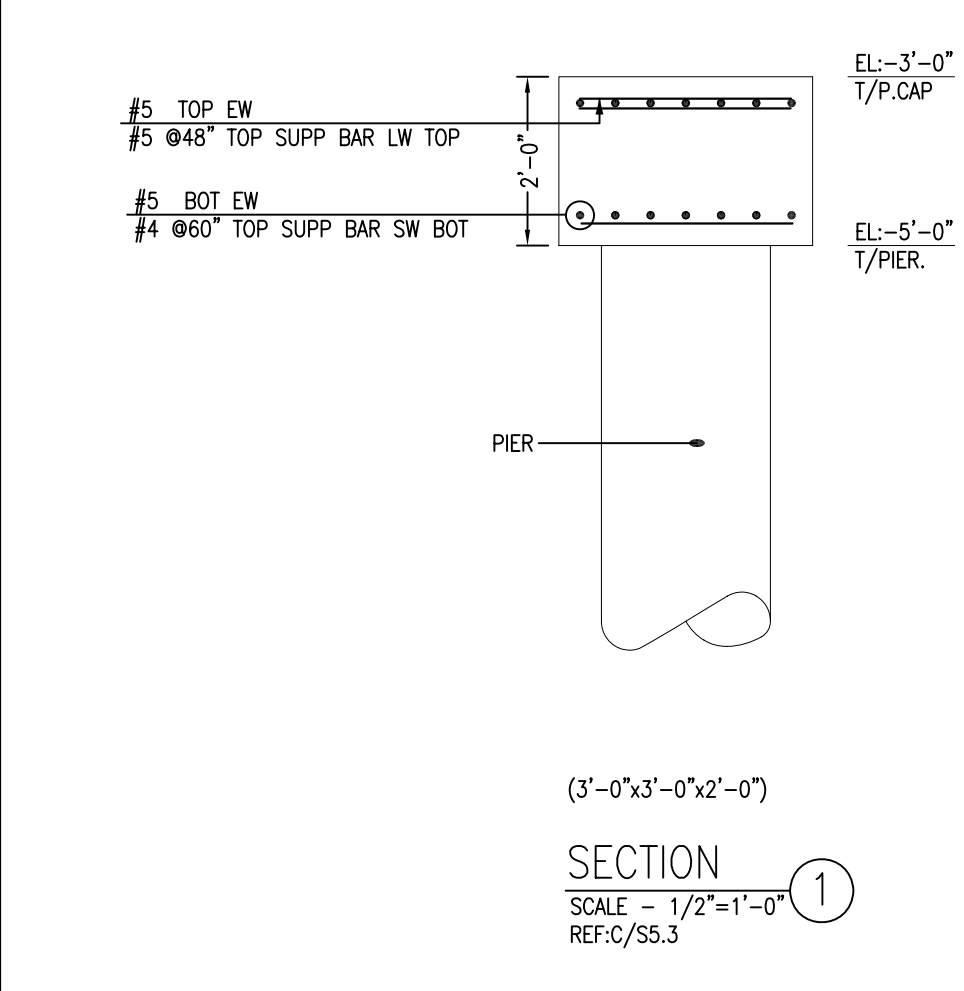
ABBREVIATIONS	
TOP OF FOOTING	T/FTG
TOP OF PIER CAP	T/P.CAP
TOP OF PIER	T/PIER

LAP SCHEDULE			
SIZE	4000 PSI		
	Ld(N)	Lsb(N)	Lsk(N)
#3	15"	20"	25"
#4	19"	25"	33"
#5	24"	32"	41"
#6	29"	38"	49"
#7	42"	55"	71"
#8	48"	63"	81"
#9	54"	71"	91"

THIS DRAWING TO BE USED
FOR REBAR PLACEMENT ONLY

THIS PLACING DRAWING IS PREPARED IN ACCORDANCE WITH
STR. DRAWING NO S101.1-2C2

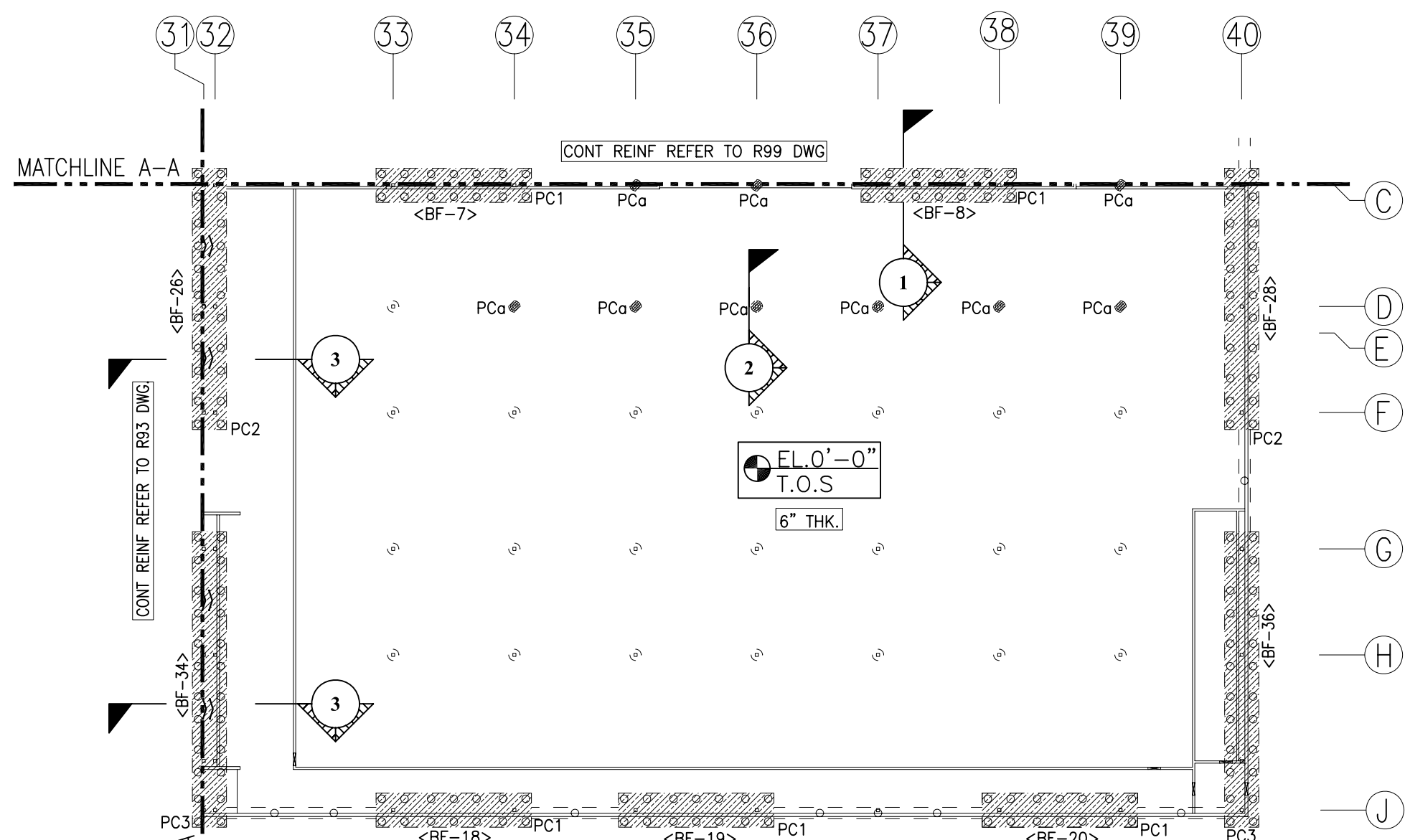
SP1 (BAR MARK 4W01)	
B	1'-6"
C	1'-3.625"
D	0'-8"
E	1'-3.625"
F	1'-6"



KEY PLAN
SCALE NTS

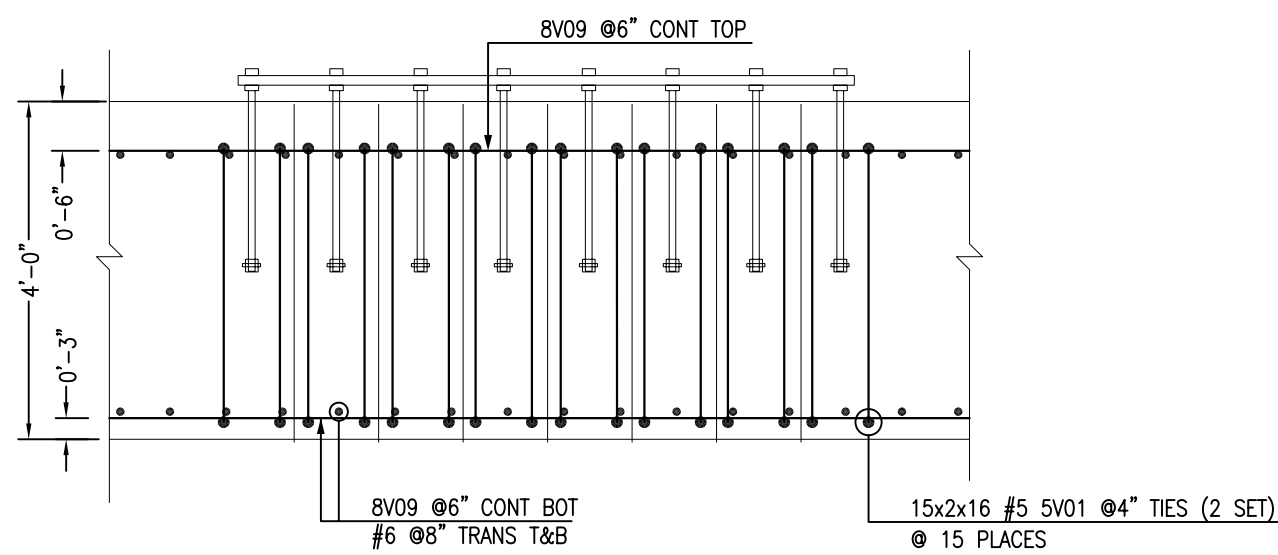
FOR APPROVAL

ISS. BY. DATE DESCRIPTION	SHEET TITLE: PIER CAP REINF (AREA-2C2)		
	PROJECT: -		
	LOCATION: -		
	CUSTOMER: -		
ENGINEER: -	DETAILER:		
	JOB # -		
SHEET # R98	FOR APPROVAL		



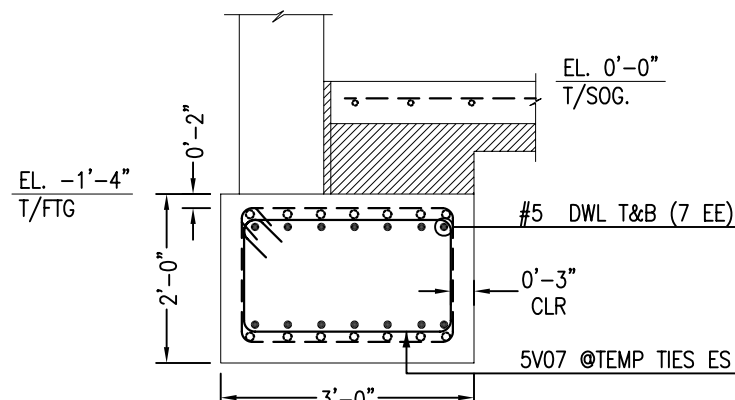
PIER CAP REINFORCEMENT (AREA-2D1)

SCALE - 1/16"=1'-0"
REF:S101.1-2D1



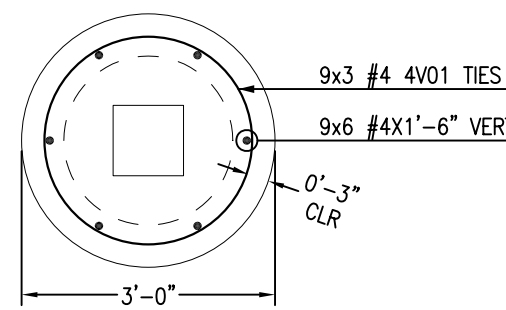
TYPICAL REINFORCEMENT @ BRACE FRAME

SCALE - 1/2"=1'-0"
REF: 1/S6.1



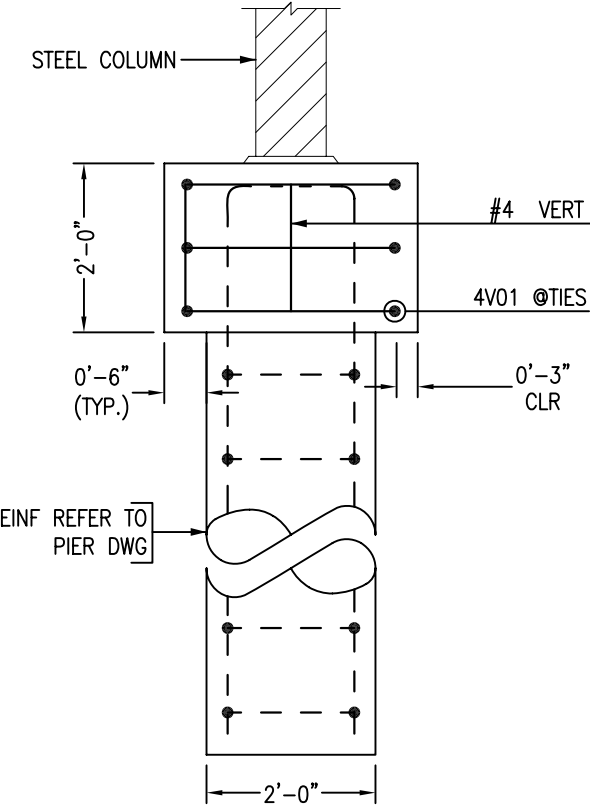
TYP EXTERIOR FOOTING DETAIL
FOR GRADE BEAM & PIER CAP

SCALE - 1/2"=1'-0"
REF: A/S5.1



PIER CAP

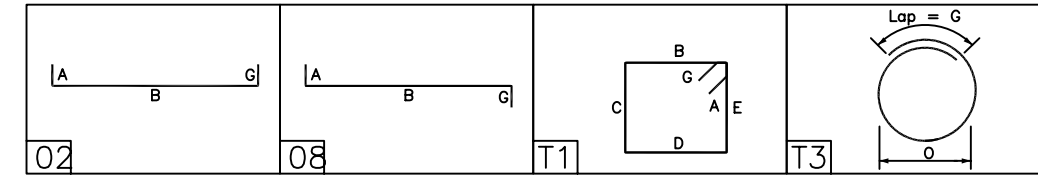
SCALE - 1/2"=1'-0"
REF:S101.1-2D1



SECTION 2

SCALE - 1/2"=1'-0"
REF:A/S5.3

Release Code: R94										BENDING DETAILS.									
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'	O'	N'	M'	L'
4V01	351	#4	9'-11"	T3															
5V01	990	#5	10'-2"	T1															
5V07	10	#5	8'-8"	T1															
5V10	128	#5	10'-9"	T1															
5V12	112	#5	7'-8"	T1															
8V01	16	#8	21'-6"	T2															
8V02	16	#8	22'-6"	T2															
8V05	56	#8	44'-0 1/2"	T2															
8V06	72	#8	43'-5 1/2"	T2															
8V07	56	#8	39'-6 1/2"	T2															
8V08	72	#8	38'-11 1/2"	T2															
8V09	180	#8	43'-2"	T2															



ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

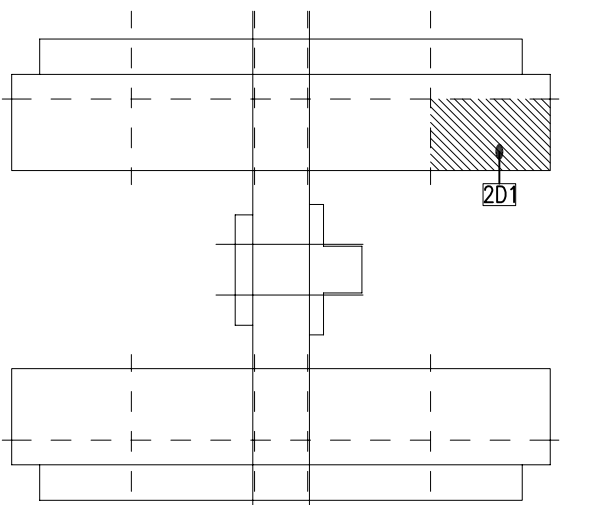
ABBREVIATIONS	
TOP	TOP
BOTTOM	BOT
TOP&BOTTOM	T&B
CONTINUOUS	CONT
CORNER BAR	COR
VERTICAL	VERT
HORIZONTAL	HORZ
EACH WAY	EW
EACH SIDE	ES
DOWEL	DWL
TRANSVERSE	TRANS
LONG WAY BAR	LW
SHORT WAY BAR	SW

LAP SCHEDULE	
SIZE	4000 PSI
	Lst(N) Lst(N) Lst(N)
#3	15" 20" 25"
#4	19" 25" 33"
#5	24" 32" 41"
#6	29" 38" 49"
#7	42" 55" 71"
#8	48" 63" 81"
#9	54" 71" 91"

ABBREVIATIONS	
TOP OF FOOTING	T/FTG
TOP OF SLAB	T/SLAB
TOP OF PIER	T/PIER

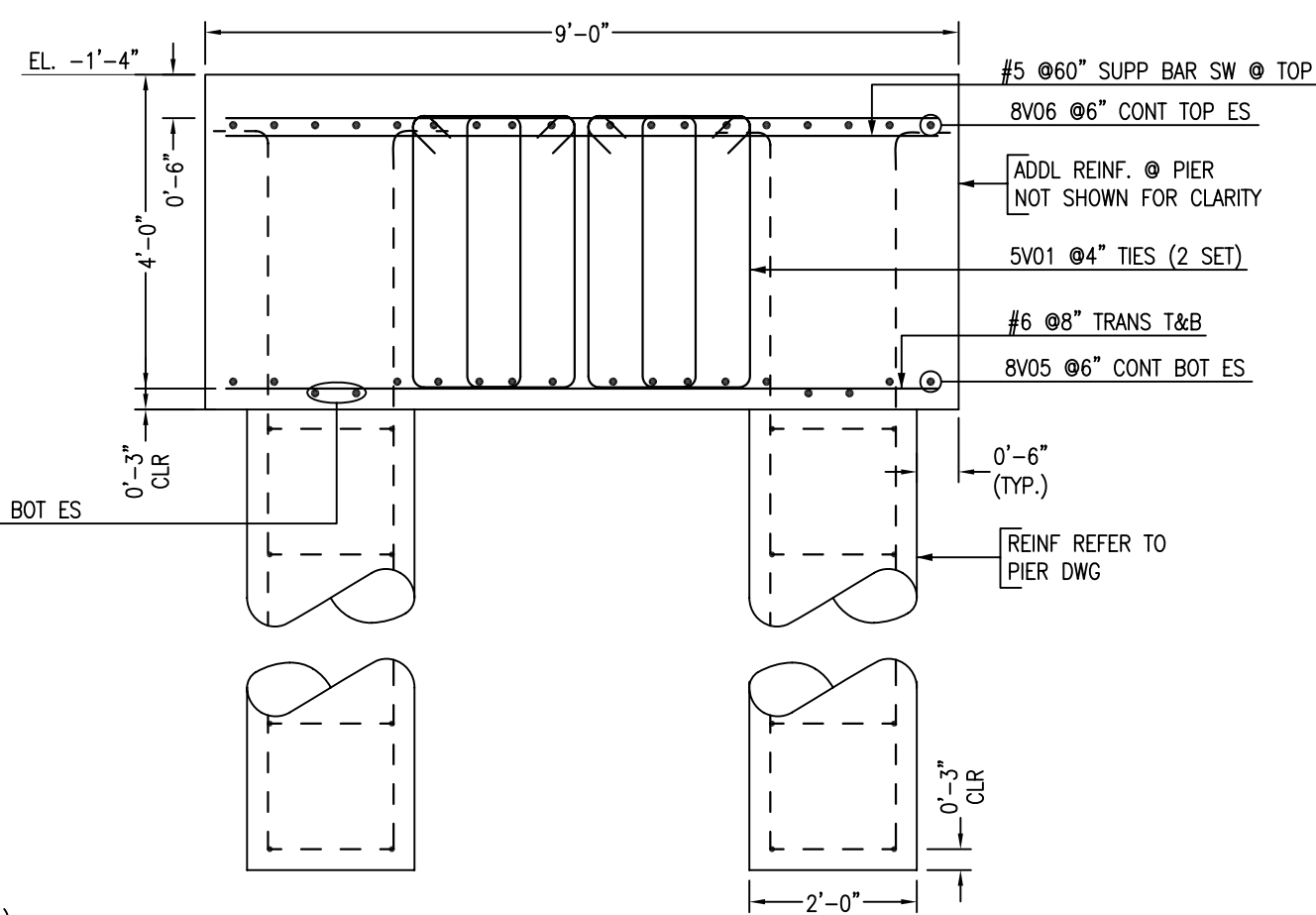
THIS PLACING DRAWING IS PREPARED IN ACCORDANCE WITH
STR. DRAWING NO S101.1-2D1

THIS DRAWING TO BE USED
FOR REBAR PLACEMENT ONLY



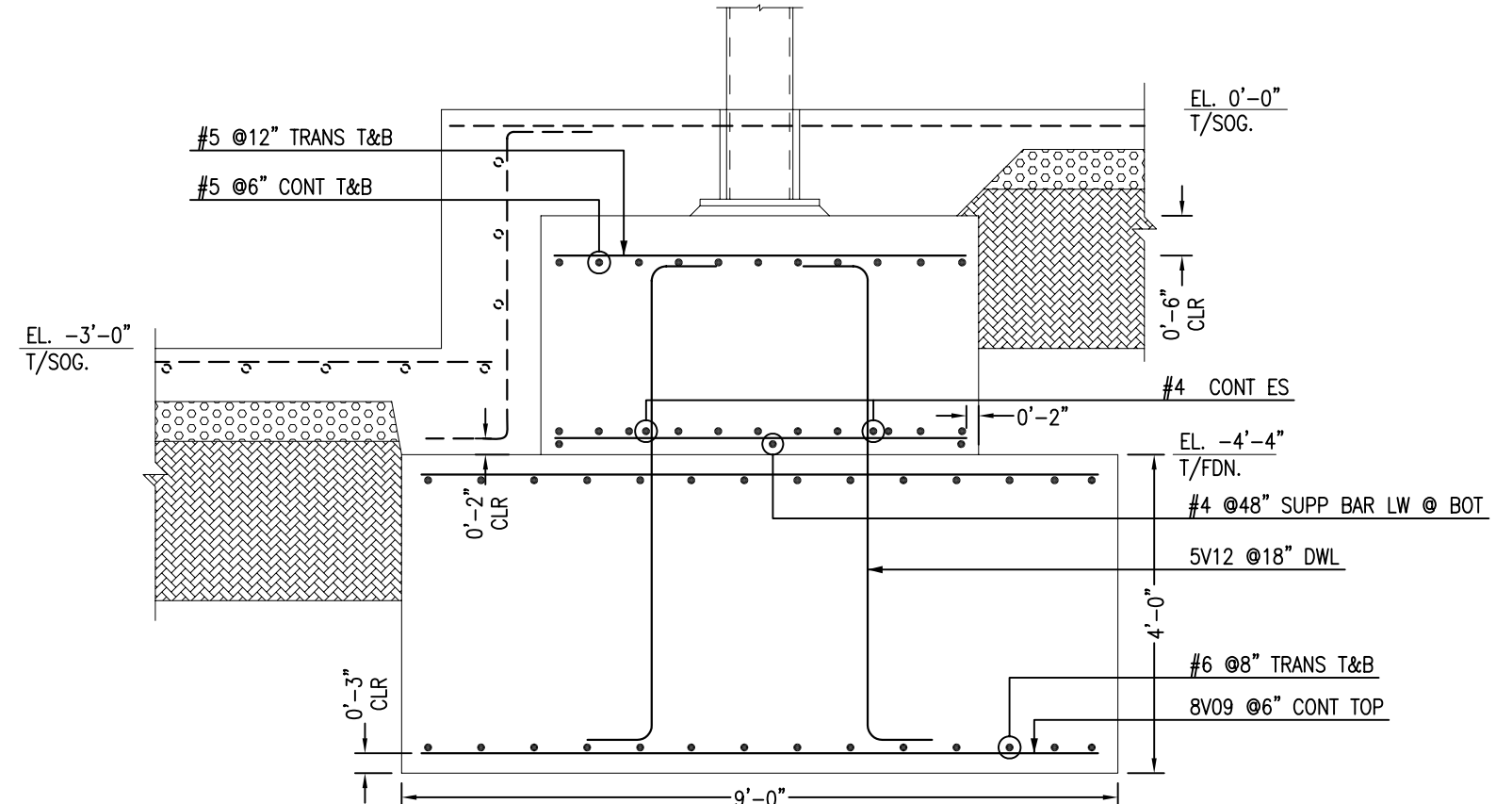
KEY PLAN

SCALE : NTS



SECTION 3

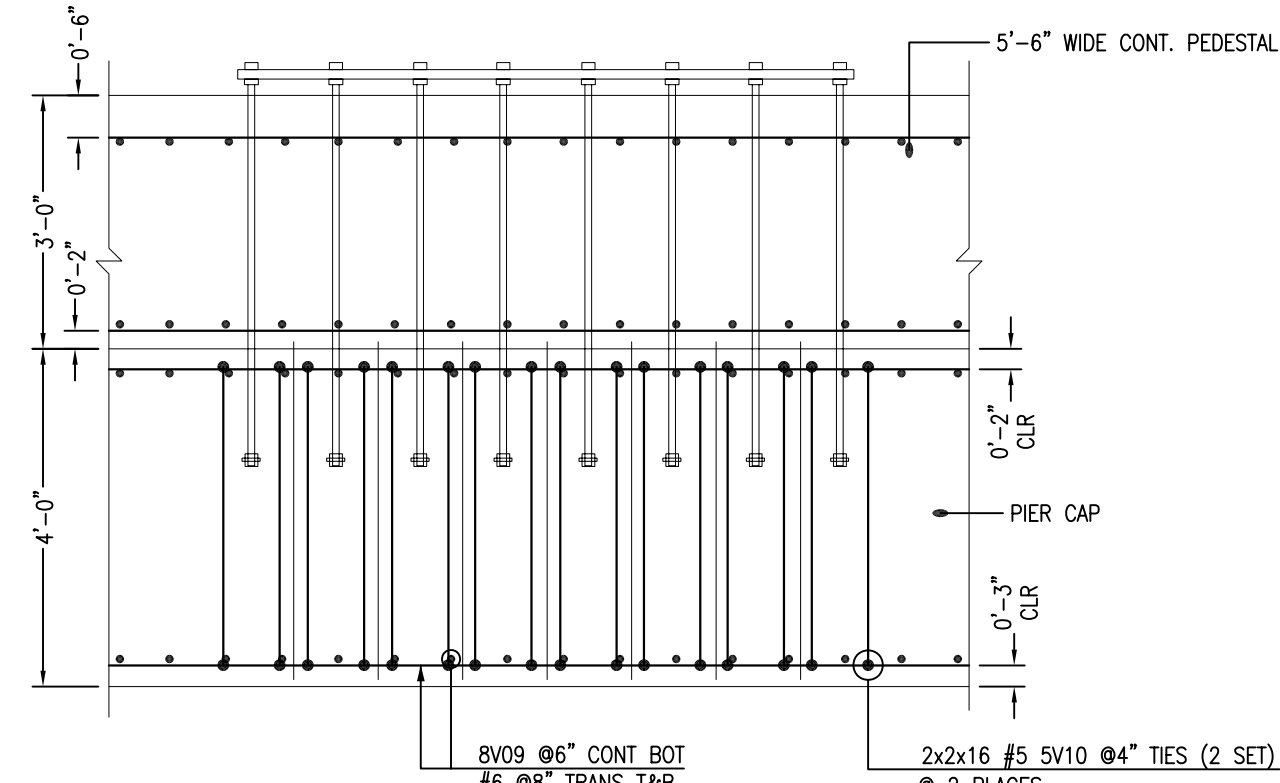
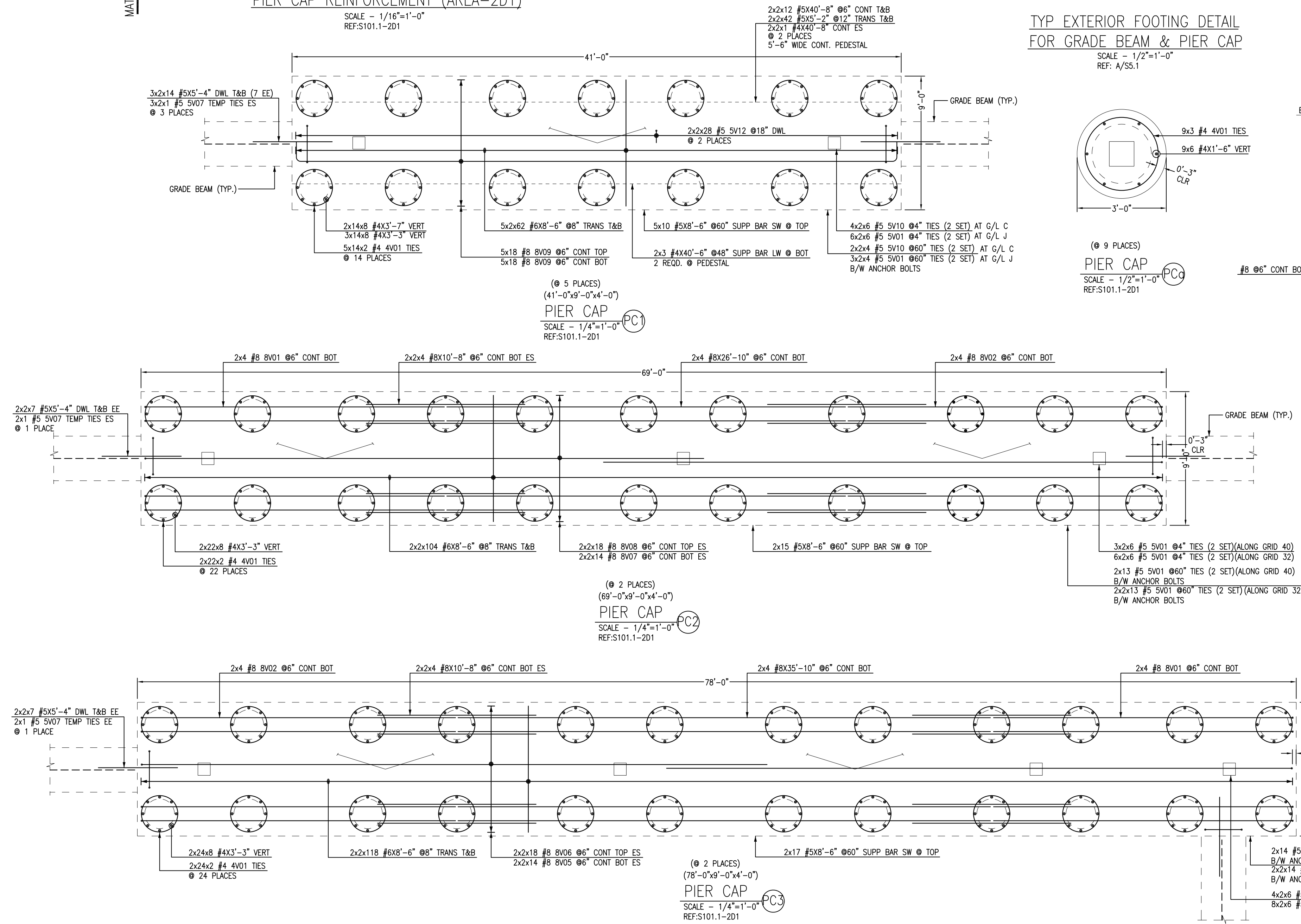
SCALE - 1/2"=1'-0"
REF:C/S5.3



SECTION 1

SCALE - 1/2"=1'-0"
REF: C/S5.6

TYP @ G/L C



TYPICAL REINFORCEMENT @ BRACE FRAME
WITH PEDESTAL

SCALE - 1/2"=1'-0"
REF: 1/S6.1

FOR APPROVAL

SHEET TITLE:				PIER CAP REIN. (AREA 2D1)		
PROJECT:				-		
LOCATION:				-		
CUSTOMER:				-		
ENGINEER:				-		
DETAILER:				JOB #	SHEET #	
ISS.	BY.	DATE	DESCRIPTION	-	R94	
O.		08/20/15	FOR APPROVAL	-		