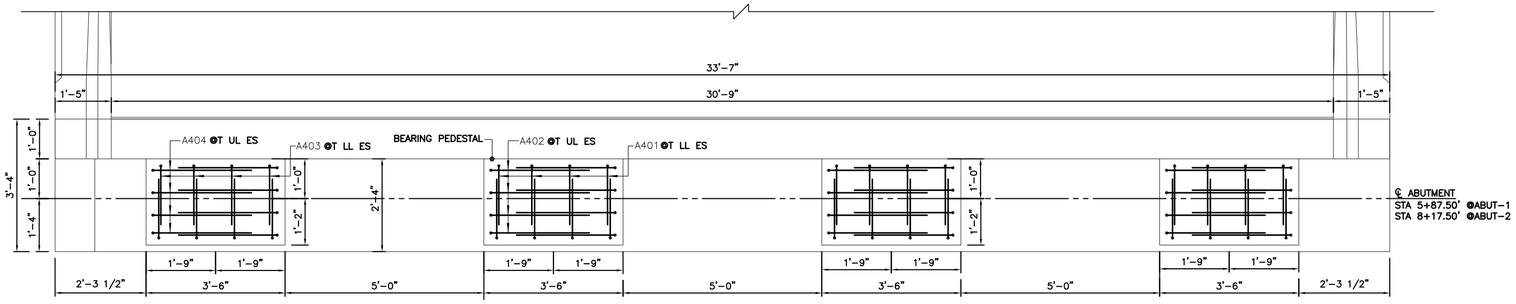
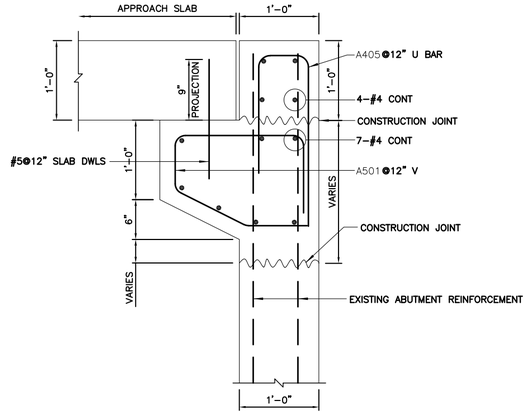


TWO GUN BRIDGE (ABUTMENT-1) – PLAN

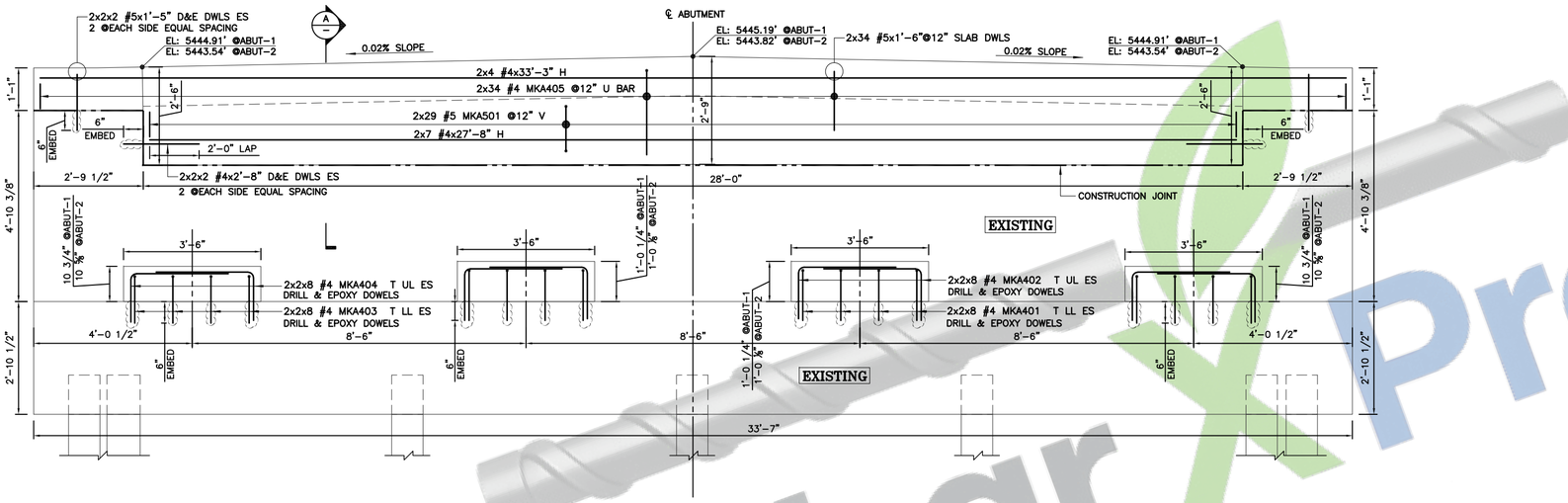
REF: S-1.03, S-1.04, S-1.05 & S-1.07

(ABUTMENT-1 IS SHOWN, ABUTMENT-2 IS MIRRORED & SIMILAR)



A — SECTION

REF: S-1.05



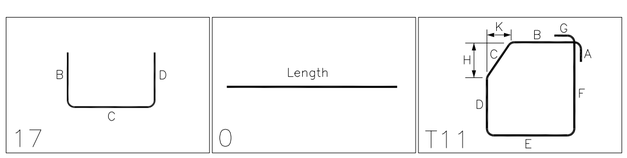
TWO GUN BRIDGE (ABUTMENT-1) – ELEVATION

REF: S-1.03, S-1.04, S-1.05 & S-1.07

(ABUTMENT-1 IS SHOWN, ABUTMENT-2 IS MIRRORED & SIMILAR)

Drawing Sheet : 1RA00-1 — BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
A401	32	#4	2'-9 ½"	17		1'-3 ½"	1'-6"									
A402	32	#4	3'-10"	17		1'-4"	2'-6"									
A403	32	#4	2'-8 ½"	17		1'-2 ½"	1'-6"									
A404	32	#4	3'-9"	17		1'-3"	2'-6"									
A405	68	#4	4'-4"	17		1'-6"	8"	2'-2"								
	8	#4	2'-8"			2'-8"										
	8	#4	33'-3"			33'-3"										
	14	#4	27'-8"			27'-8"										
A501	58	#5	5'-2"	T11		9 ¼"	1'-0"	8 ¾"	1'-8"	1'-0"		5 ½"		10 ¼"		
	8	#5	1'-5"			1'-5"										
	68	#5	1'-6"			1'-6"										



CONTR/ENGR
PLEASE VERIFY THE CLOUDED
LAP CONSIDERED.

LAP SCHEDULE

CONCRETE STRENGTH
ABUTMENT – 3,500 PSI

BAR#	LAP	CONDITION
#4	1'-11"	45 BAR DIA
#5	2'-5"	45 BAR DIA

NOTES

1. CONCRETE COVER

   ABUTMENT
   TOP = 2"
   SIDE = 2"

2. ALL THE BARS TO BE EQUALLY SPACED (UON)
3. FIELD BEND & CUT BARS REQUIRED LOCATIONS

LEGEND

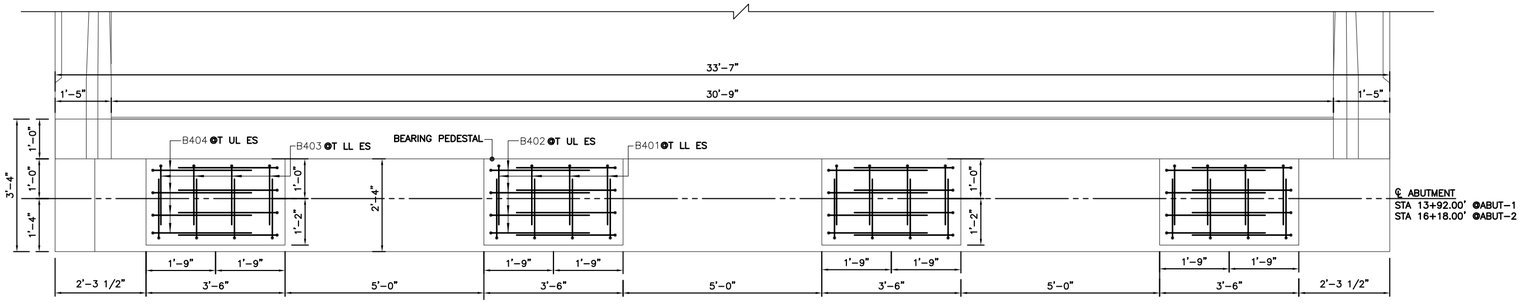
= SECTION MARK

ABUT = Abutment
B = Bottom
CLR = Clear
DWLS = Dowels
ES = Each Side
EF = Each face
EL = Elevation
H = Horizontal
REF = Reference
LL = Lower Layer
UL = Upper Layer
STA = Station
THICK = Thickness
TYP = Typical
T = Top
V = Vertical
D&E = Drill and Epoxy

REFERENCE

DWG. No.	DATE	REVISION
S-1.01	12/19	–
S-1.02	12/19	–
S-1.03	12/19	–
S-1.04	12/19	–
S-1.05	12/19	–
S-1.07	12/19	–

ALL REINFORCING BARS CONFORM
TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE.
THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

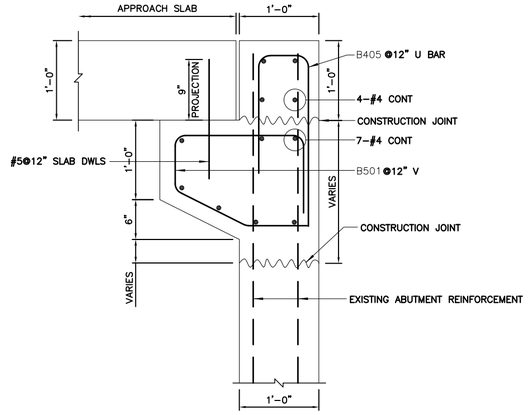


METEOR CRATER BRIDGE (ABUTMENT-1) – ELEVATION

REF: S-2.05, S-2.06, S-2.07 & S-2.09

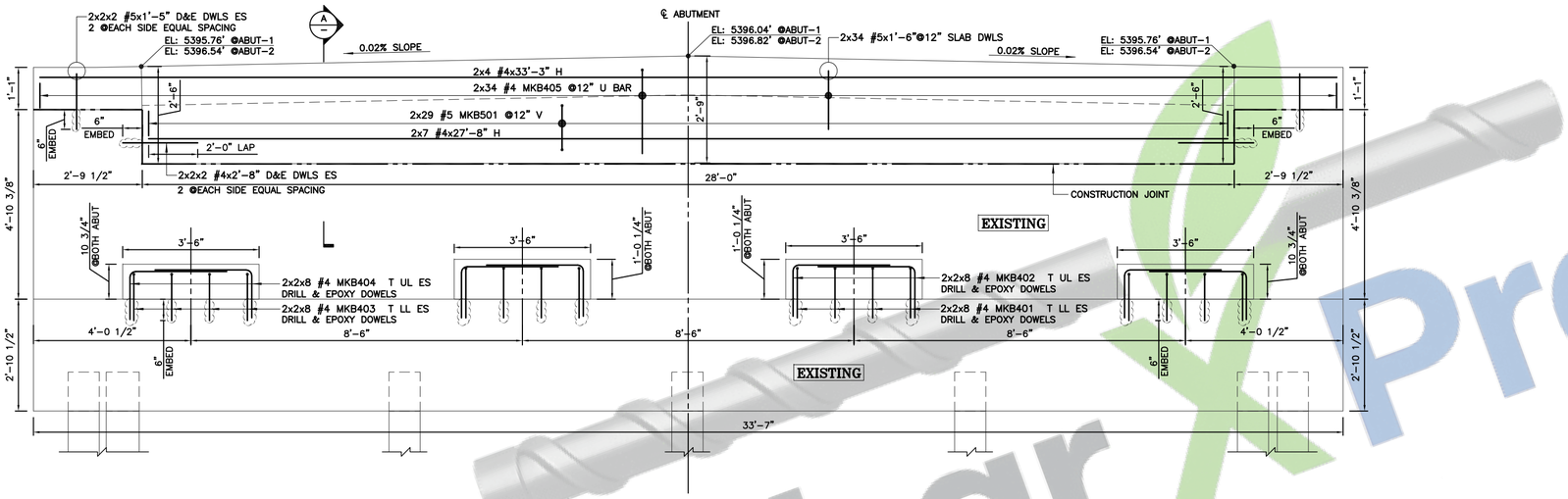
(ABUTMENT-1 IS SHOWN, ABUTMENT-2 IS MIRRORED & SIMILAR)

N



A — SECTION

REF: S-1.05



METEOR CRATER BRIDGE (ABUTMENT-1) – ELEVATION

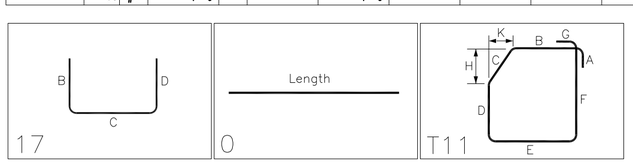
REF: S-2.05, S-2.06, S-2.07 & S-2.09

(ABUTMENT-1 IS SHOWN, ABUTMENT-2 IS MIRRORED & SIMILAR)

BAR LIST

Drawing Sheet : 2RA00-1

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
B401	32	#4	2'-9 ½"	17		1'-3 ½"	1'-6"									
B402	32	#4	3'-10"	17		1'-4"	2'-6"									
B403	32	#4	2'-8 ½"	17		1'-2 ½"	1'-6"									
B404	32	#4	3'-9"	17		1'-3"	2'-6"									
B405	68	#4	4'-4"	17		1'-6"	8"	2'-2"								
	8	#4	2'-8"			2'-8"										
	8	#4	33'-3"			33'-3"										
	14	#4	27'-8"			27'-8"										
B501	58	#5	5'-2"	T11		9 ¼"	1'-0"	8 ¾"	1'-8"	1'-0"		5 ½"		10 ¼"		
	8	#5	1'-5"			1'-5"										
	68	#5	1'-6"			1'-6"										



NOTES

1. CONCRETE COVER

   ABUTMENT

   TOP = 2"

   SIDE = 2"

2. ALL THE BARS TO BE EQUALLY SPACED (UON)
3. FIELD BEND & CUT BARS REQUIRED LOCATIONS

LEGEND

A — = SECTION MARK

ABUT = Abutment
B = Bottom
CLR = Clear
DWLS = Dowels
ES = Each Side
EF = Each face
EL = Elevation
H = Horizontal
REF = Reference
LL = Lower Layer
UL = Upper Layer
STA = Station
THICK = Thickness
TYP = Typical
T = Top
V = Vertical
D&E = Drill and Epoxy

CONTR/ENGR
PLEASE VERIFY THE CLOUDED
LAP CONSIDERED.

LAP SCHEDULE

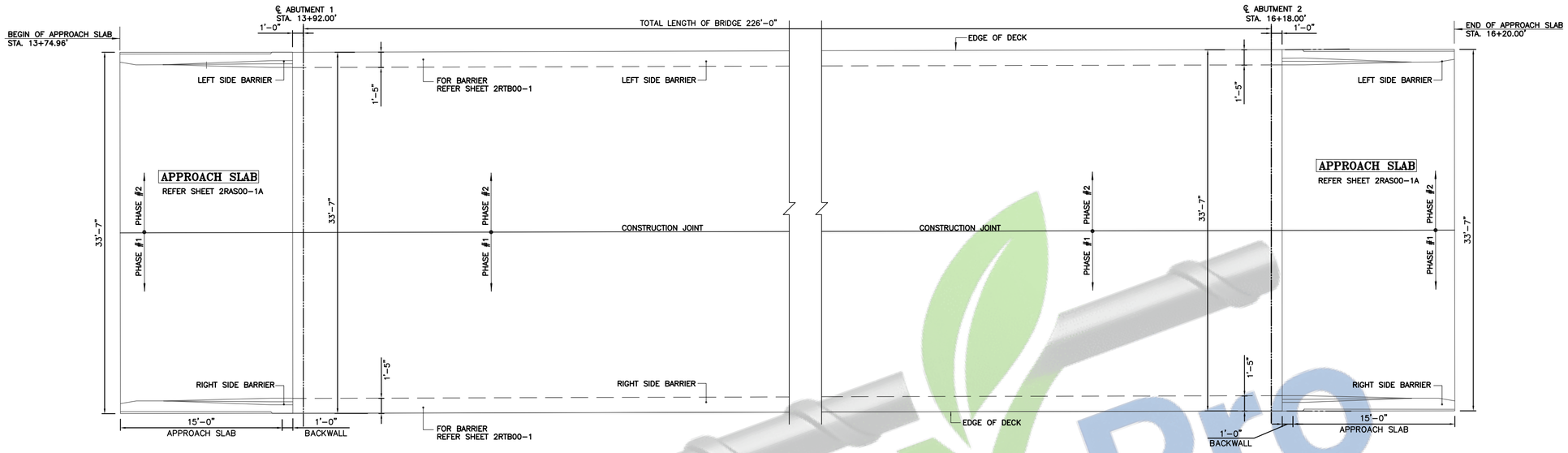
CONCRETE STRENGTH
ABUTMENT – 3,500 PSI

BAR#	LAP	CONDITION
#4	1'-11"	45 BAR DIA
#5	2'-5"	45 BAR DIA

REFERENCE

DWG. No.	DATE	REVISION
S-1.01	12/19	–
S-1.02	12/19	–
S-1.03	12/19	–
S-1.04	12/19	–
S-1.05	12/19	–
S-1.07	12/19	–

ALL REINFORCING BARS CONFORM
TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE.
THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.



METEOR CRATER BRIDGE (APPROACH SLAB & BARRIER) – LAYOUT

REF: S-2.01, S-2.10, S-2.11 & SD 2.01

N

DRAWING INDEX

DWG.NO.	DESCRIPTION METEOR CRATER BRIDGE
2RAS00-1	APPROACH SLAB & BARRIER LAYOUT
2RAS00-1A	APPROACH SLAB
2RTB00-1	BARRIER

LAP SCHEDULE

CONCRETE STRENGTH
TOP DECK - 4,000 PSI
STRUCTURAL NOTE 3 & 4 ON SHEET S-2.11

BAR#	LAP
#4	2'-2"
#5	2'-9"

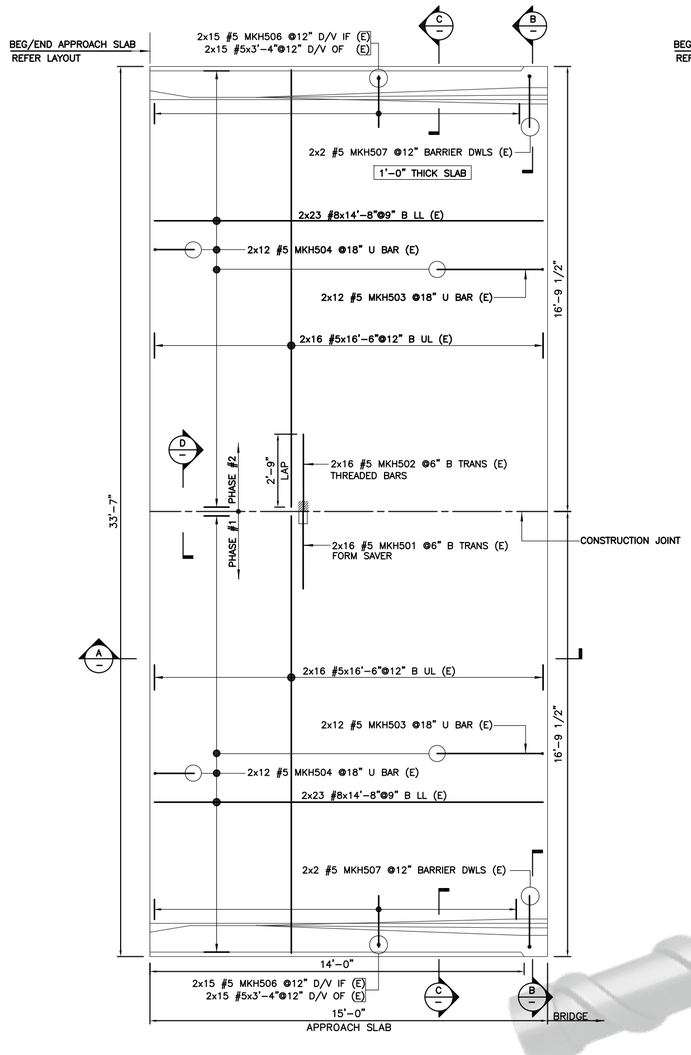
REFERENCE

DWG. No.	DATE	REVISION
S-1.01	12/19	-
S-1.02	12/19	-
S-1.03	12/19	-
S-1.04	12/19	-
S-1.05	12/19	-
S-2.01	12/19	-
S-2.10	12/19	-
S-2.11	12/19	-
SD-2.01	06/12	-
SD-2.02	06/12	-

ALL REINFORCING BARS CONFORM
TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE.
THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

LEGEND

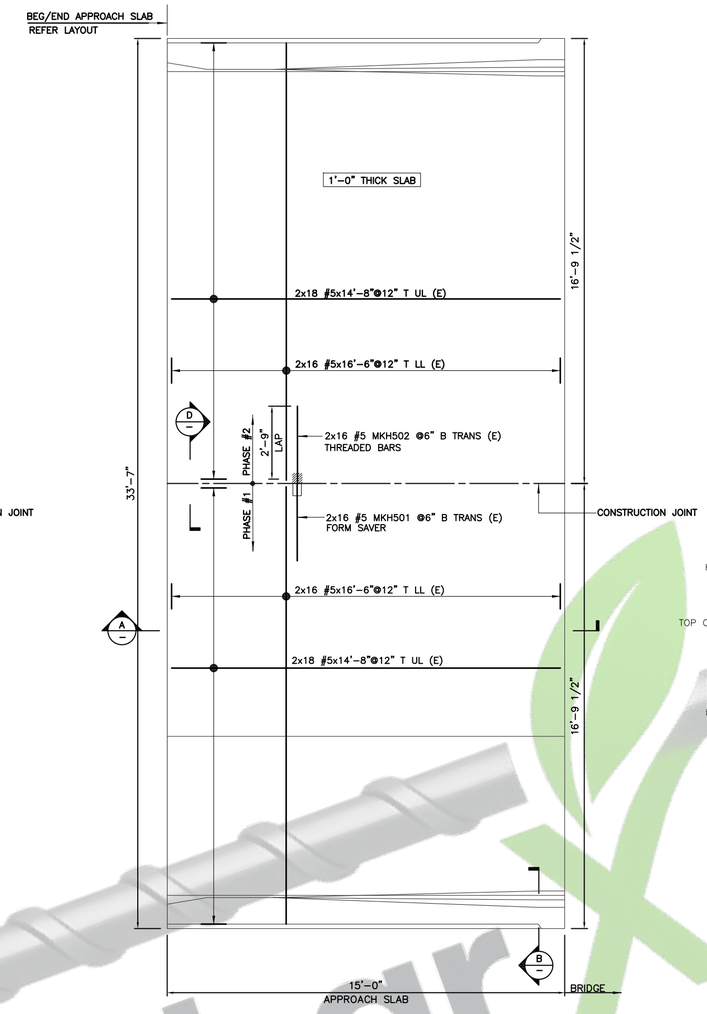
℄ = Center Line
ABUT = Abutment
REF = Reference
TYP = Typical
STA = Station



APPROACH SLAB – BOTTOM & ADDITIONAL BARS – PLAN

REF: S-2.10, S-2.11 & SD 2.01

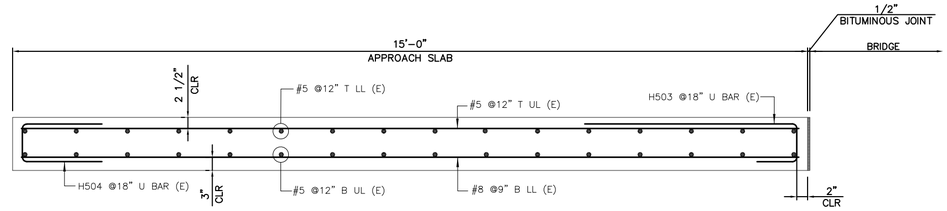
APPROACH SLAB AT BB SIDE IS SHOWN, EB SIDE IS MIRRORED & SIMILAR



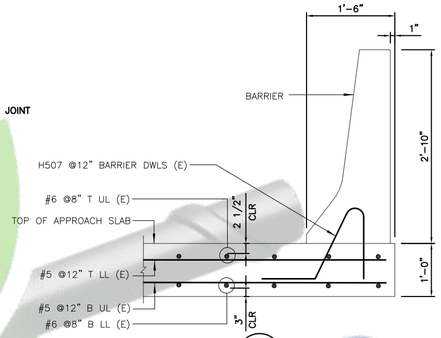
APPROACH SLAB – TOP BARS – PLAN

REF: S-2.10, S-2.11 & SD 2.01

APPROACH SLAB AT BB SIDE IS SHOWN, EB SIDE IS MIRRORED & SIMILAR

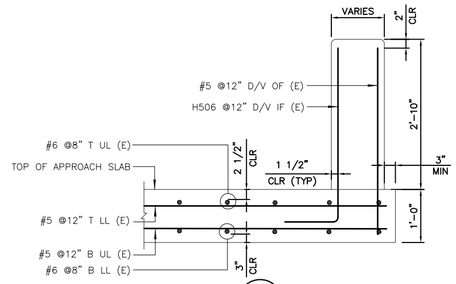


A — SECTION
REF: SD 2.01



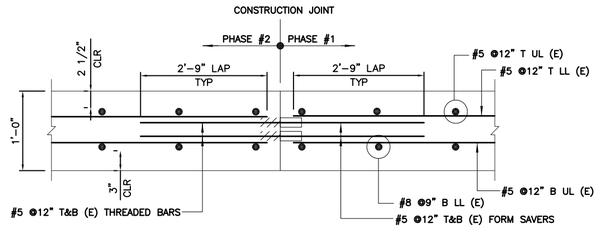
B — SECTION
REF: SD 1.01

BARRIER BARS ARE NOT SHOWN FOR CLARITY



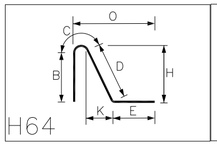
C — SECTION
REF: SD 1.01

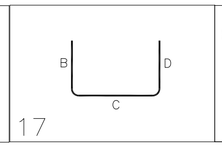
BARRIER BARS ARE NOT SHOWN FOR CLARITY

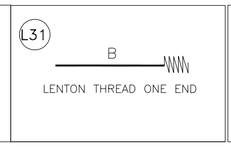


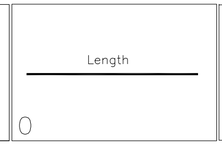
D — SECTION
REF: SD 2.01 & S-2.10

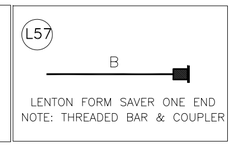
Drawing Sheet : 2RAS00-1A						BAR LIST										
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
H501	64	#5	3'-0"	L57		3'-0"										
H502	64	#5	3'-0"	L31		3'-0"										
H503	48	#5	5'-3 ½"	17		4'-0"	0'-6 ½"	0'-9"								
H504	48	#5	3'-6 ½"	17		1'-6"	0'-6 ½"	1'-6"								
H506	60	#5	4'-4"	17		1'-0"	3'-4"									
H507	8	#5	4'-3 ½"	H64		1'-3 ½"	0'-5 ½"	1'-6 ½"	1'-0"			1'-4"		0'-7 ½"	1'-11 ½"	0'-2"
	128	#5	16'-6"			16'-6"										
	72	#5	14'-8"			14'-8"										
	60	#5	3'-4"			3'-4"										
	92	#8	14'-8"			14'-8"										











NOTES

1. CONCRETE COVER

   APPROACH SLAB

   TOP = 2 1/2"
   BOTTOM = 3"
   SIDE = 2"
2. ALL THE BARS TO BE EQUALLY SPACED (UON)
3. FIELD BEND & CUT BARS REQUIRED LOCATIONS

LEGEND

= SECTION MARK

℄ = Center Line
ABUT = Abutment
ADDL = Additional
B = Bottom
CLR = Clear
DWLS = Dowels
ES = Each Side
T = Top
REF = Reference
TRANS = Transverse
LONG = Longitudinal
STA = Station
THICK = Thickness
TYP = Typical
V = Vertical
UL = Upper Layer
LL = Lower Layer
(E) = Epoxy Coated

LAP SCHEDULE

CONCRETE STRENGTH
TOP DECK – 4,000 PSI
STRUCTURAL NOTE 3 & 4 ON SHEET S-2.11

BAR#	LAP
#4	2'-2"
#5	2'-9"

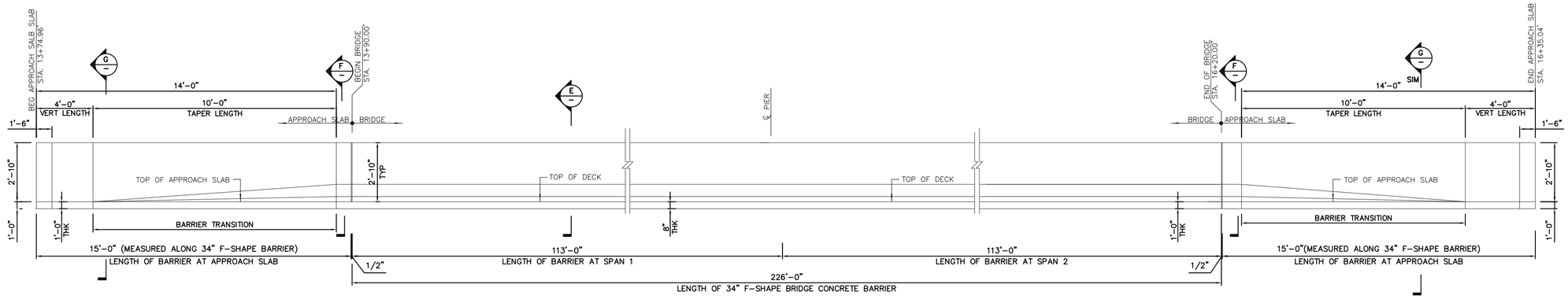
DRAWING INDEX

REFERENCE

DWG. No.	DATE	REVISION
S-1.01	12/19	–
S-1.02	12/19	–
S-1.03	12/19	–
S-1.04	12/19	–
S-1.05	12/19	–
S-2.01	12/19	–
S-2.10	12/19	–
S-2.11	12/19	–
SD-2.01	06/12	–
SD-2.02	06/12	–

ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

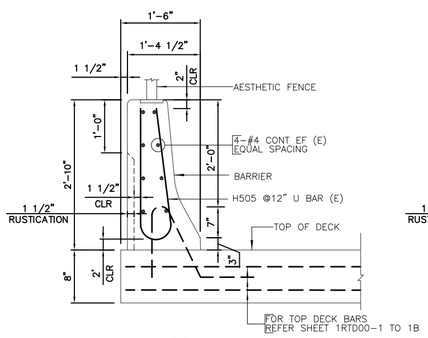
ALL REINFORCEMENTS ARE ASTM A615 GRADE 60 (EPOXY)



34" F-SHAPE BRIDGE CONCRETE BARRIER – ELEVATION

REF: S-2.10, S-2.11 & SD-1.01

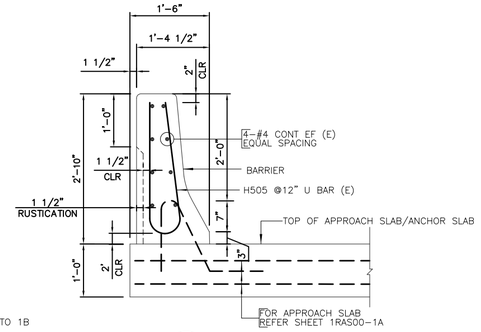
(LEFT SIDE TRAFFIC BARRIER IS SHOWN, RIGHT SIDE IS SIMILAR)



E – SECTION

REF: SD 1.01

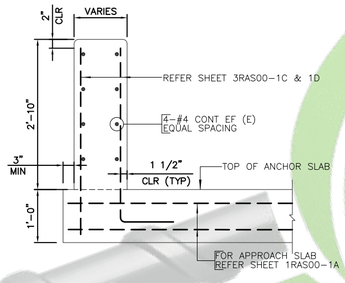
TOP DECK BARS ARE NOT SHOWN FOR CLARITY



F – SECTION

REF: SD 1.01

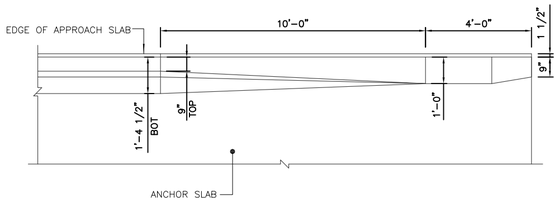
APPROACH SLAB/ANCHOR SLAB BARS ARE NOT SHOWN FOR CLARITY



G – SECTION

REF: SD 1.01

ANCHOR SLAB BARS ARE NOT SHOWN FOR CLARITY



TYPICAL – 34" F-SHAPE BRIDGE CONCRETE BARRIER TRANSITION – PLAN

REF: SD-1.01

TABLE-1

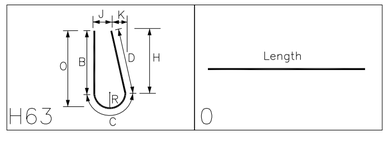
34" F-SHAPE BRIDGE CONCRETE BARRIER

LOCATION / BARS	BEG OF APPROACH SLAB TO BB STA. 13+74.96' TO STA. 13+90.00'	BB TO EB STA. 13+90.00' TO STA. 16+20.00'	EB TO END OF APPROACH SLAB STA. 16+20.00' TO STA. 16+35.04'	REMARKS
HORIZONTALS	2x8 #4x14'-8" CONT EF (E)	2x4 #4x30'-0" CONT EF ALT.W/ (E) 2x4 #4x25'-0" CONT EF (E) } @ BB 2x7x8 #4x30'-0" CONT EF (E) 2x4 #4x7'-0" CONT EF ALT.W/ (E) 2x4 #4x12'-0" CONT EF (E) } @ EB	2x8 #4x14'-8" CONT EF (E)	2'-2" MIN LAP
VERTICALS	2x2 #5 MKH505 @12" U BAR (E)	2x230 #5 MKH505 @12" U BAR (E)	2x2 #5 MKH505 @12" U BAR (E)	–

Drawing Sheet : 2RTB00-1

BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
	32	#4	14'-8"			14'-8"										
	120	#4	30'-0"			30'-0"										
	8	#4	25'-0"			25'-0"										
	8	#4	7'-0"			7'-0"										
	8	#4	12'-0"			12'-0"										
H505	468	#5	5'-4 ½"	H63		2'-2 ½"	0'-11 ½"	2'-2 ½"				2'-2"	0'-4 ½"	0'-2 ½"	2'-6"	0'-3 ½"



NOTES

1. CONCRETE COVER

   BARRIERS

   TOP = 1 1/2"
   SIDE = 1 1/2"

2. ALL THE BARS TO BE EQUALLY SPACED (UON)
3. FIELD BEND & CUT BARS REQUIRED LOCATIONS

LEGEND

= SECTION MARK

℄ = Center Line
ABUT = Abutment
ADDL = Additional
B = Bottom
CLR = Clear
DWLS = Dowels
ES = Each Side
T = Top
REF = Reference
TRANS = Transverse
LONG = Longitudinal
STA = Station
THICK = Thickness
TYP = Typical
V = Vertical
UL = Upper Layer
LL = Lower Layer
(E) = Epoxy Coated

LAP SCHEDULE

CONCRETE STRENGTH:
TOP DECK – 4,000 PSI
STRUCTURAL NOTE 3 & 4 ON SHEET S-2.11

BAR#	LAP
#4	2'-2"
#5	2'-9"

DRAWING INDEX

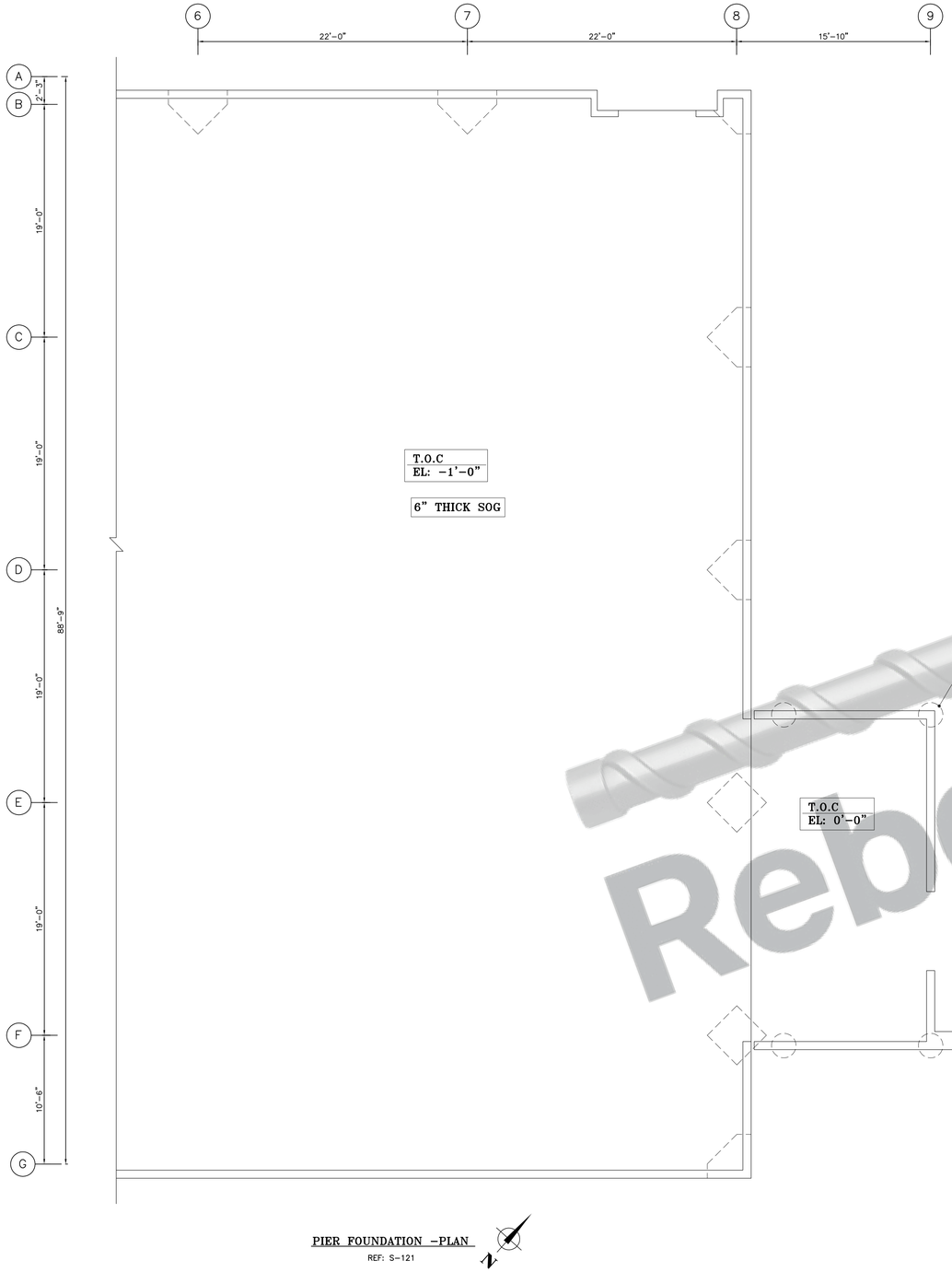
DWG.NO.	DESCRIPTION METEOR CRATER BRIDGE
2RAS00-1	APPROACH SLAB & BARRIER LAYOUT
2RAS00-1A	APPROACH SLAB
2RTB00-1	BARRIER

REFERENCE

DWG. No.	DATE	REVISION
S-1.01	12/19	–
S-1.02	12/19	–
S-1.03	12/19	–
S-1.04	12/19	–
S-1.05	12/19	–
S-2.01	12/19	–
S-2.10	12/19	–
S-2.11	12/19	–
SD-2.01	06/12	–
SD-2.02	06/12	–

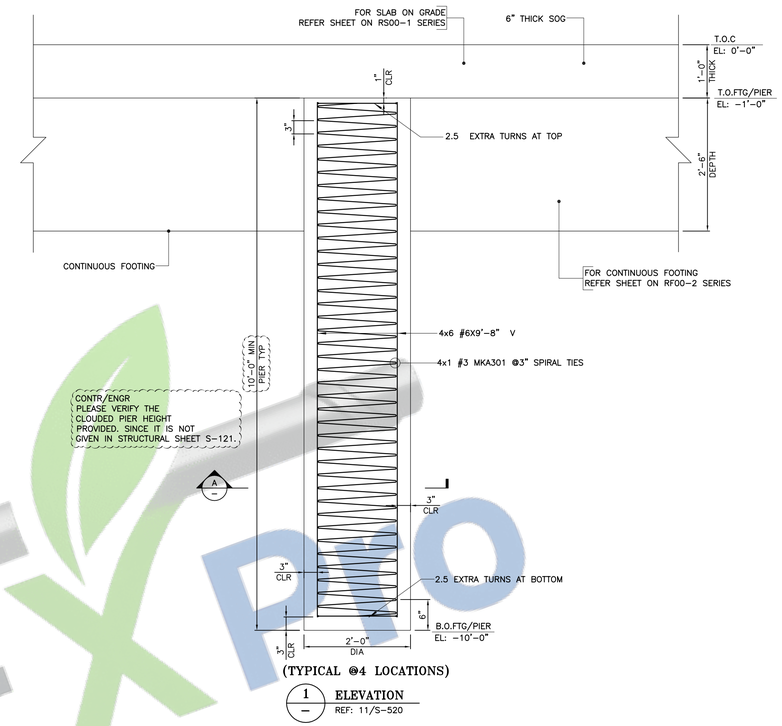
ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

ALL REINFORCEMENTS ARE ASTM A615 GRADE 60 (EPOXY)



PIER FOUNDATION -PLAN

REF: S-121

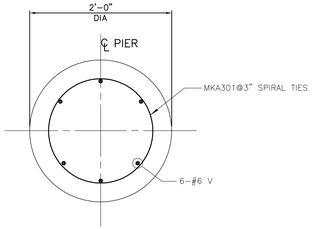


(TYPICAL @4 LOCATIONS)

1 — ELEVATION

REF: 11/S-520

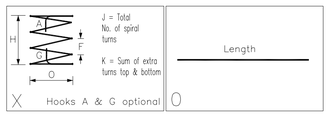
(AT GRID E-F/8-9)



A — SECTION

REF: 11A/S-520

Drawing Sheet : RD00-1					BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
A301	4	#3	207'-4 X"	X						0'-3"		9'-8"	39.0	5.0	1'-6"	
	24	#6	9'-8"			9'-8"										



Weight by Drawing Sheet	
Drawing Sheets	Weight
RD00-1	660.32
Total Weight	660.32

NOTES:

1. CONCRETE COVER
   PIER
   TOP = 1"
   BOTTOM = 3"
   SIDE = 3"
2. ALL THE BARS TO BE EQUALLY SPACED (UON)
3. ALL REINFORCING ARE ASTM A615/G60

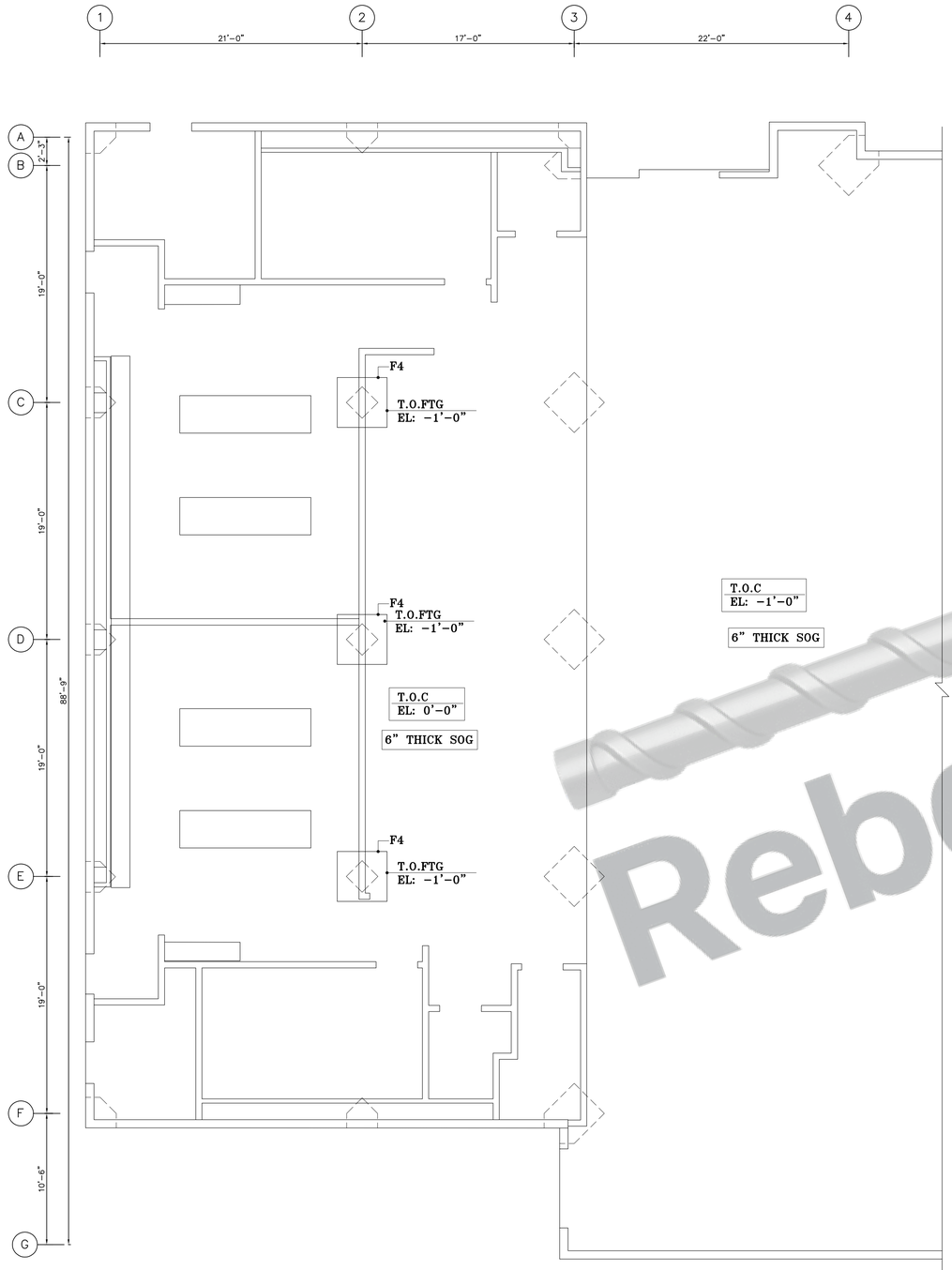
= SECTION MARK

LEGEND

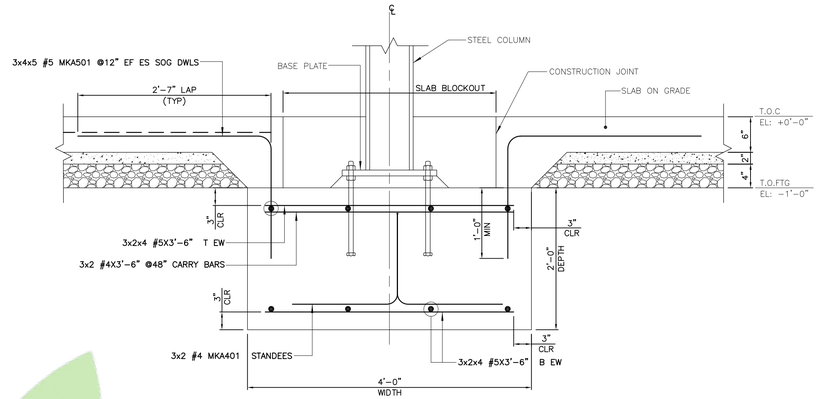
CONT = Continuous
CONTR = Contractor
CLR = Clearance
DIA = Diameter
ENGR = Engineer
EL = Elevation
THICK = Thickness
TYP= Typical
T.O.FTG = Top Of Footing
T.O.C = Top Of Concrete
REF = Reference
T.O.SOG = Top Of Slab On Grade

REFERENCE

DWG.No.	DATE	REVISION
S-001	07/14/20	-
S-121	07/14/20	-
S-520	07/14/20	-



SPREAD FOOTING FOUNDATION -PLAN
REF: S-121



(FOOTING F4 TYPICAL @3 LOCATIONS)

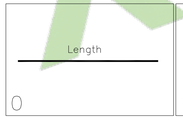
B — SECTION
REF: 9/S-520

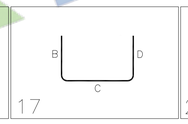
(ALONG GRID C-E/2)

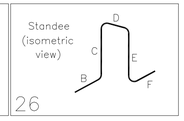
Drawing Sheet : RF00-1

BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
	6	#4	3'-6"			3'-6"										
A501	60	#5	4'-6"	17		1'-9"	2'-9"									
	48	#5	3'-6"			3'-6"										
A401	6	#4	6'-2"	26		1'-6"	1'-3"	0'-8"	1'-3"	1'-6"						







Weight by Drawing Sheet	
Drawing Sheets	Weight
RF00-1	495.58
Total Weight	495.58

NOTES:

1. CONCRETE COVER
   FOOTING
   TOP = 3"
   BOTTOM = 3"
   SIDE = 3"
2. ALL THE BARS TO BE EQUALLY SPACED (UON)
3. ALL REINFORCING ARE ASTM A615/G60

B — = SECTION MARK

LEGEND

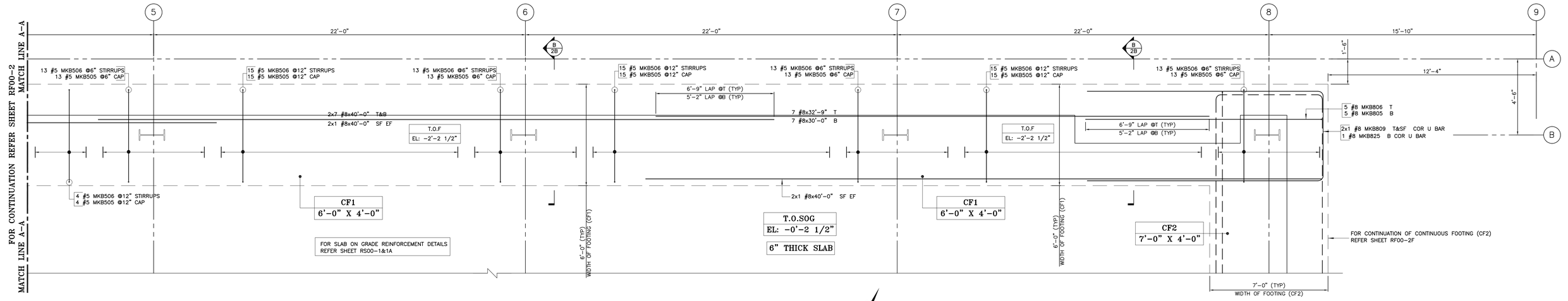
B = Bottom
CONT = Continuous
CONTR = Contractor
CLR = Clearance
DIA = Diameter
ES = Each Side
EF = Each Face
EW = Each Way
ENGR = Engineer
EL = Elevation
REF = Reference
T.O.SOG = Top Of Slab On Grade
THICK = Thickness
TYP= Typical
T.O.FTG = Top Of Footing
T.O.C = Top Of Concrete
T = Top

REFERENCE

DWG.No.	DATE	REVISION
S-001	07/14/20	-
S-121	07/14/20	-
S-520	07/14/20	-

LAP SCHEDULE

BAR#	SPLICE LENGTH	
	TOP	OTHERS
#3	2'-0"	1'-7"
#4	2'-9"	2'-1"
#5	3'-5"	2'-7"

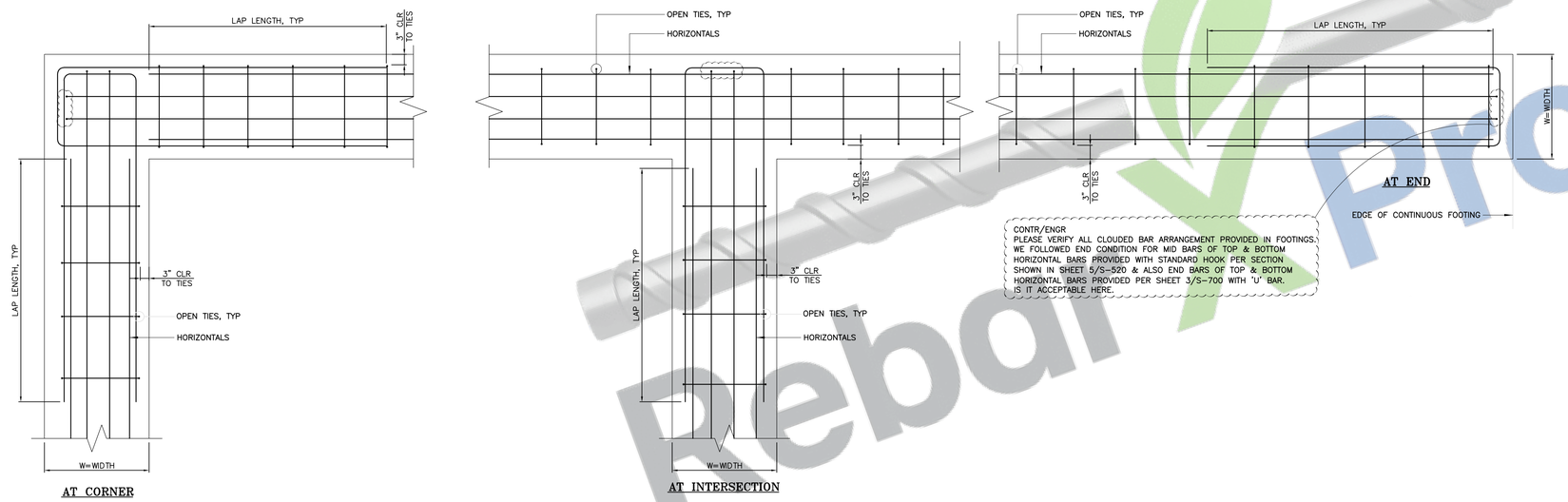


CONTINUATION OF CONTINUOUS FOOTING (AT GRID A-B/5-9) - PLAN

REF: S-121, S-201, S-202, S-301, S-302, S-520 & S-700

CURB & WALL DETAILS NOT SHOWN FOR CLARITY

N



CONCRETE REINFORCEMENT AT CORNER, ENDS & INTERSECTIONS

REF: S-700

REFERENCE

DWG.No.	DATE	REVISION
S-0.00 TO S-0.03	07/14/20	–
S-121	07/14/20	–
S-201 & S-202	07/14/20	–
S-301 & S-302	07/14/20	–
S520 & S-521	07/14/20	–
S700 & S-701	07/14/20	–
A-201 & A-202	07/14/20	–
A-301 & A-302	07/14/20	–
A-510 & A-516	07/14/20	–
A-601	07/14/20	–

DRAWING INDEX

DWG No.	DESCRIPTION WASHINGTON MS GYM R1
RF00-2	CONTINUOUS FOOTING AT GRID A-B/1-5
RF00-2A	CONTINUOUS FOOTING AT GRID A-B/5-9
RF00-2B	CONTINUOUS FOOTING – SECTIONS
RF00-2C	CONTINUATION OF CONTINUOUS FOOTING AT GRID 1/A-E & 3/A-E
RF00-2D	CONTINUATION OF CONTINUOUS FOOTING AT GRID 1&3/E-G & G/3-5
RF00-2E	CONTINUATION OF CONTINUOUS FOOTING AT GRID G/5-8 & 8-9/G-E
RF00-2F	CONTINUATION OF CONTINUOUS FOOTING AT GRID B/D-A

LAP SCHEDULE

CONCRETE STRENGTH
CONTINUOUS FOOTING = 4,000 PSI

LAP VALUES USED FROM TABLE SHOWN IN STRUCTURAL SHEET S-0.01

BAR#	TOP	OTHERS
#6	4'-1"	3'-1"
#8	6'-9"	5'-2"

NOTES

1. CONCRETE COVER
   CONTINUOUS FOOTING
   TOP = 3"
   BOTTOM = 3"
   SIDE = 3"
2. ALL THE BARS TO BE EQUALLY SPACED (UON).
3. FIELD CUT & BEND BARS AT REQUIRED LOCATIONS.
4. ALL REINFORCEMENTS ARE ASTM A615 GRADE 60, UNO.

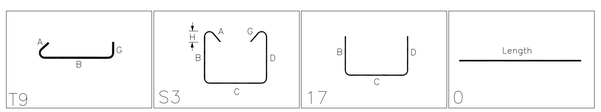
LEGEND

= SECTION MARK

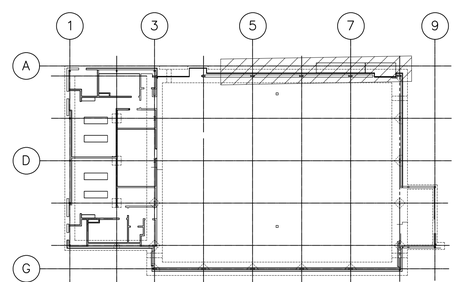
ADDL = Additional
B = Bottom
CONTR = Contractor
CLR = Clear
COR = Corner
CF = Continuous Footing
ENGR = Engineer
EL = Elevation
EF = Each Face
ES = Each Side
REF = Reference
SF = Side Face
TYP = Typical
T = Top
T.O.C = Top of Concrete
T.O.SOG = Top of Slab on concrete
THICK = Thickness
UON = Unless Otherwise Noted

Drawing Sheet : RF00-2A — BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
B505	101	#5	6'-5 ⅜"	T9	0'-5 ⅜"	5'-6"					0'-6"					
B506	101	#5	13'-5"	S3	0'-5 ⅜"	3'-6"	5'-6"	3'-6"			0'-5 ⅜"	0'-3 ¾"				
B805	5	#8	14'-3"	17		2'-0"	12'-3"									
B806	5	#8	16'-0"	17		2'-0"	14'-0"									
B809	2	#8	33'-4 ½"	17		14'-0"	5'-4 ½"	14'-0"								
B825	1	#8	29'-10 ½"	17		12'-3"	5'-4 ½"	12'-3"								
	18	#8	40'-0"			40'-0"										
	7	#8	32'-9"			32'-9"										
	7	#8	30'-0"			30'-0"										

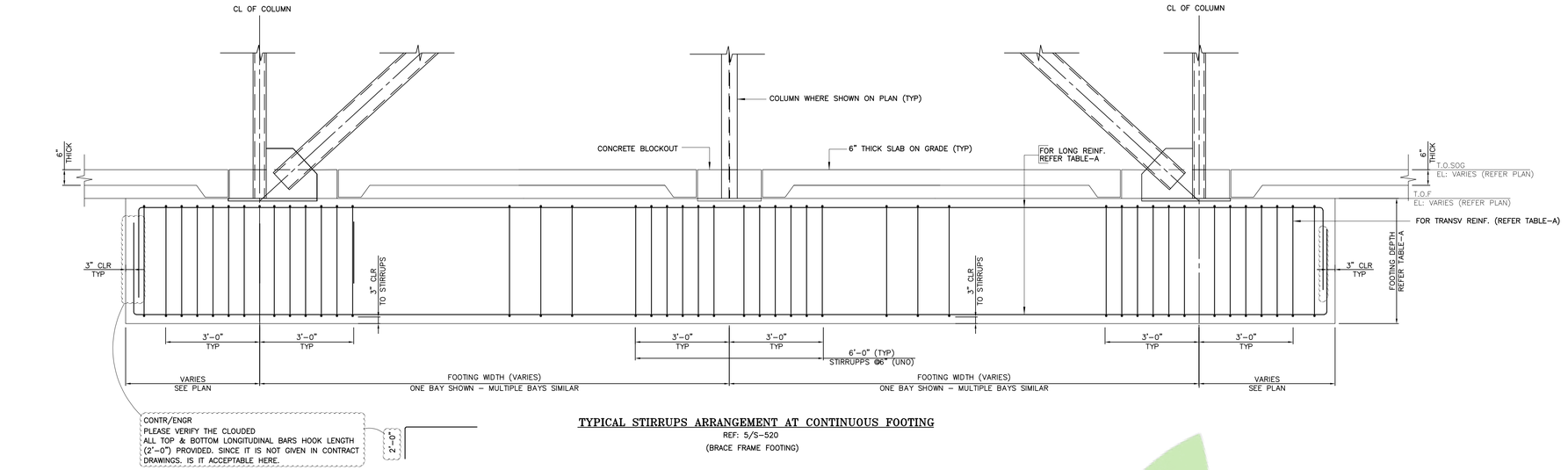


Weight by Drawing Sheet	
Drawing Sheets	Weight
RF00-2A	5850.72
Total Weight	5850.72



KEY PLAN
NTS

N

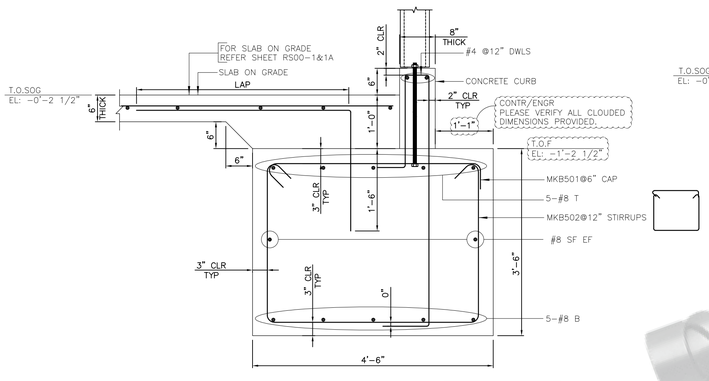


TYPICAL STIRRUPS ARRANGEMENT AT CONTINUOUS FOOTING

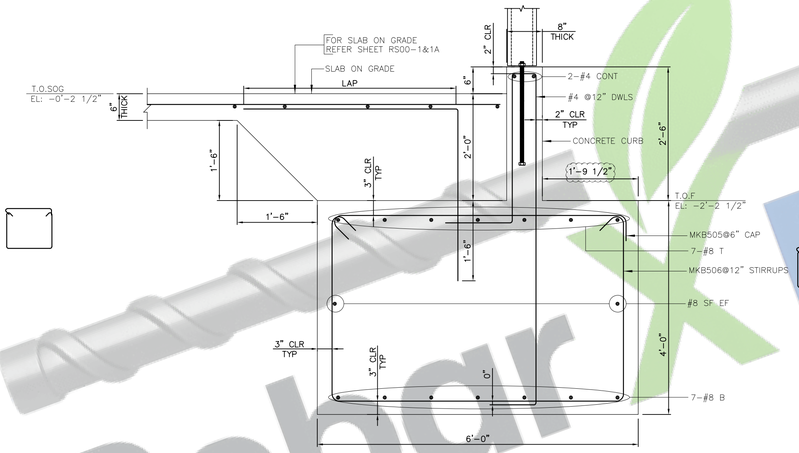
REF: 5/S-520
(BRACE FRAME FOOTING)

TABLE-A

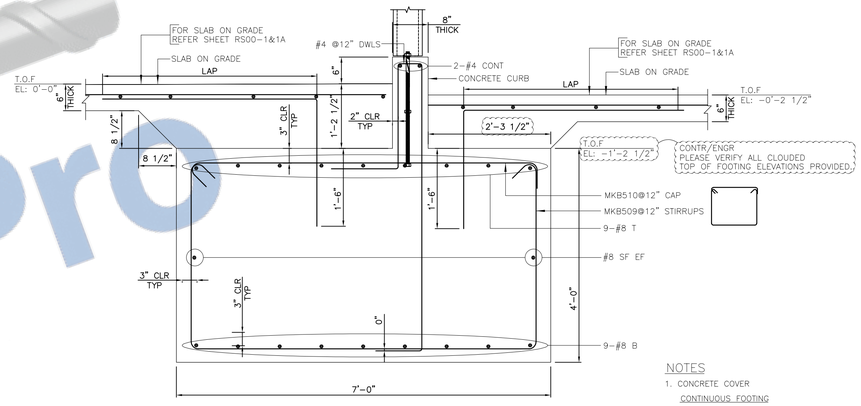
FOOTING MARK	WIDTH	DEPTH	LONG REINF.		TRANSV REINF.
			TOP	BOTTOM	
CF1	6'-0"	4'-0"	7-#8	7-#8	#5 @12" T&B
CF2	7'-0"	4'-0"	9-#8	9-#8	#5 @12" T&B
CF3	4'-6"	3'-6"	5-#8	5-#8	#5 @12" T&B
CF4	2'-0"	2'-6"	3-#6	3-#6	#5 @12" T&B



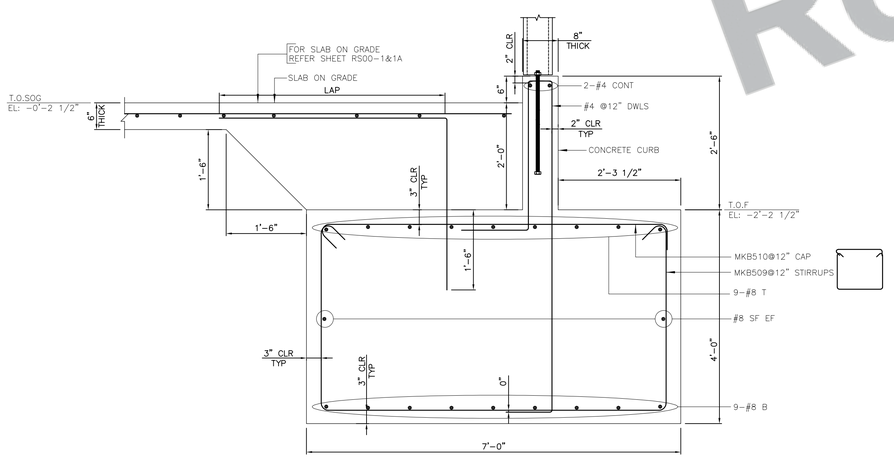
A — SECTION REF: 8/S-520 — **CF3 4'-6" X 3'-6"**



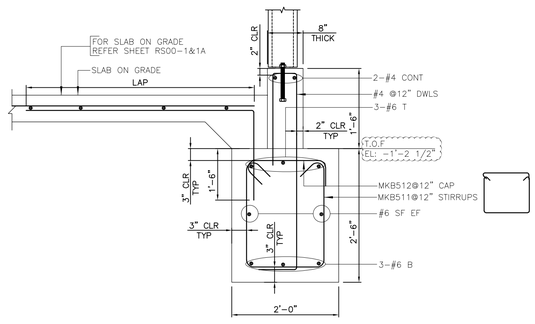
B — SECTION REF: 3/S-520 — **CF1 6'-0" X 4'-0"**



C — SECTION REF: 3/S-520 — **CF2 7'-0" X 4'-0"**
(AT INTERIOR)



D — SECTION REF: 3/S-520 — **CF2 7'-0" X 4'-0"**
(AT EXTERIOR)



E — SECTION REF: 3/S-520 — **CF4 2'-0" X 2'-6"**
(AT EXTERIOR)

REFERENCE

DWG.No.	DATE	REVISION
S-0.00 TO S-0.03	07/14/20	-
S-121	07/14/20	-
S-201 & S-202	07/14/20	-
S-301 & S-302	07/14/20	-
S520 & S-521	07/14/20	-
S700 & S-701	07/14/20	-
A-201 & A-202	07/14/20	-
A-301 & A-302	07/14/20	-
A-510 & A-516	07/14/20	-
A-601	07/14/20	-

DRAWING INDEX

DWG No.	DESCRIPTION WASHINGTON MS GYM R1
RF00-2	CONTINUOUS FOOTING AT GRID A-B/1-5
RF00-2A	CONTINUOUS FOOTING AT GRID A-B/5-9
RF00-2B	CONTINUOUS FOOTING - SECTIONS
RF00-2C	CONTINUATION OF CONTINUOUS FOOTING AT GRID 1/A-E & 3/A-E
RF00-2D	CONTINUATION OF CONTINUOUS FOOTING AT GRID 1&3/E-G & G/3-5
RF00-2E	CONTINUATION OF CONTINUOUS FOOTING AT GRID G/5-8 & 8-9/G-E
RF00-2F	CONTINUATION OF CONTINUOUS FOOTING AT GRID 8/D-A

LAP SCHEDULE

CONCRETE STRENGTH
CONTINUOUS FOOTING = 4,000 PSI

LAP VALUES USED FROM TABLE SHOWN IN STRUCTURAL SHEET S-0.01

BAR#	TOP	OTHERS
#6	4'-1"	3'-1"
#8	6'-9"	5'-2"

NOTES

1. CONCRETE COVER
   CONTINUOUS FOOTING
   TOP = 3"
   BOTTOM = 3"
   SIDE = 3"
2. ALL THE BARS TO BE EQUALLY SPACED (UON).
3. FIELD CUT & BEND BARS AT REQUIRED LOCATIONS.
4. ALL REINFORCEMENTS ARE ASTM A615 GRADE 60, UNO.

LEGEND

= SECTION MARK

ADDL = Additional
B = Bottom
CONTR = Contractor
CLR = Clear
COR = Corner
CF = Continuous Footing
ENGR = Engineer
EL = Elevation
EF = Each Face
ES = Each Side
REF = Reference
REINF = Reinforcement
LONG = Longitudinal
SF = Side Face
TYP = Typical
T = Top
T.O.C = Top of Concrete
T.O.SOG = Top of Slab on concrete
THICK = Thickness
TRANSV = Transverse
UON = Unless Otherwise Noted

CONTINUATION OF CONTINUOUS FOOTING AT GRID 1/A-E & 3/A-E
REF: S-121, S-201, S-202, S-301, S-302, S-520 & S-700

N

Drawing Sheet : RF00-2C				BAR LIST												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
B501	64	#5	4'-11 ⅛"	T9	0'-5 ⅛"	4'-0"					0'-6"					
B502	64	#5	10'-11"	S3	0'-5 ⅛"	3'-0"	4'-0"	3'-0"			0'-5 ⅛"	0'-3 ⅛"				
B509	68	#5	14'-5"	S3	0'-5 ⅛"	3'-6"	6'-6"	3'-6"			0'-5 ⅛"	0'-3 ⅛"				
B510	68	#5	7'-5 ⅛"	T9	0'-5 ⅛"	6'-6"					0'-6"					
B801	2	#8	26'-10 ⅛"	17		11'-6"	3'-10 ⅛"	11'-6"								
B802	1	#8	23'-4 ⅛"	17		9'-9"	3'-10 ⅛"	9'-9"								
B803	3	#8	13'-6"	17		2'-0"	11'-6"									
B804	3	#8	11'-9"	17		2'-0"	9'-9"									
B805	9	#8	14'-3"	17		2'-0"	12'-3"									
B806	7	#8	16'-0"	17		2'-0"	14'-0"									
B812	2	#8	13'-3"	17		2'-0"	11'-3"									
	39	#8	40'-0"			40'-0"										
	1	#8	14'-0"			14'-0"										
	5	#8	38'-6"			38'-6"										
	2	#8	11'-6"			11'-6"										
	11	#8	38'-0"			38'-0"										
	9	#8	36'-0"			36'-0"										
	1	#8	12'-3"			12'-3"										

Bar list produced by RebarCAD 2019

Weight by Drawing Sheet	
Drawing Sheets	Weight
RF00-2C	10523.36
Total Weight	10523.36

REFERENCE

DWG.No.	DATE	REVISION
S-0.00 TO S-0.03	07/14/20	–
S-121	07/14/20	–
S-201 & S-202	07/14/20	–
S-301 & S-302	07/14/20	–
S520 & S-521	07/14/20	–
S700 & S-701	07/14/20	–
A-201 & A-202	07/14/20	–
A-301 & A-302	07/14/20	–
A-510 & A-516	07/14/20	–
A-601	07/14/20	–

LAP SCHEDULE

CONCRETE STRENGTH
CONTINUOUS FOOTING = 4,000 PSI

LAP VALUES USED FROM TABLE SHOWN IN STRUCTURAL SHEET S-0.01

BAR#	TOP	OTHERS
#6	4'-1"	3'-1"
#8	6'-9"	5'-2"

DRAWING INDEX

DWG No.	DESCRIPTION WASHINGTON MS GYM R1
RF00-2	CONTINUOUS FOOTING AT GRID A-B/1-5
RF00-2A	CONTINUOUS FOOTING AT GRID A-B/5-9
RF00-2B	CONTINUOUS FOOTING – SECTIONS
RF00-2C	CONTINUATION OF CONTINUOUS FOOTING AT GRID 1/A-E & 3/A-E
RF00-2D	CONTINUATION OF CONTINUOUS FOOTING AT GRID 1&3/E-G & G/3-5
RF00-2E	CONTINUATION OF CONTINUOUS FOOTING AT GRID G/5-8 & 8-9/G-E
RF00-2F	CONTINUATION OF CONTINUOUS FOOTING AT GRID 8/D-A

NOTES

1. CONCRETE COVER
   CONTINUOUS FOOTING
   TOP = 3"
   BOTTOM = 3"
   SIDE = 3"
2. ALL THE BARS TO BE EQUALLY SPACED (UON).
3. FIELD CUT & BEND BARS AT REQUIRED LOCATIONS.
4. ALL REINFORCEMENTS ARE ASTM A615 GRADE 60, UNO.

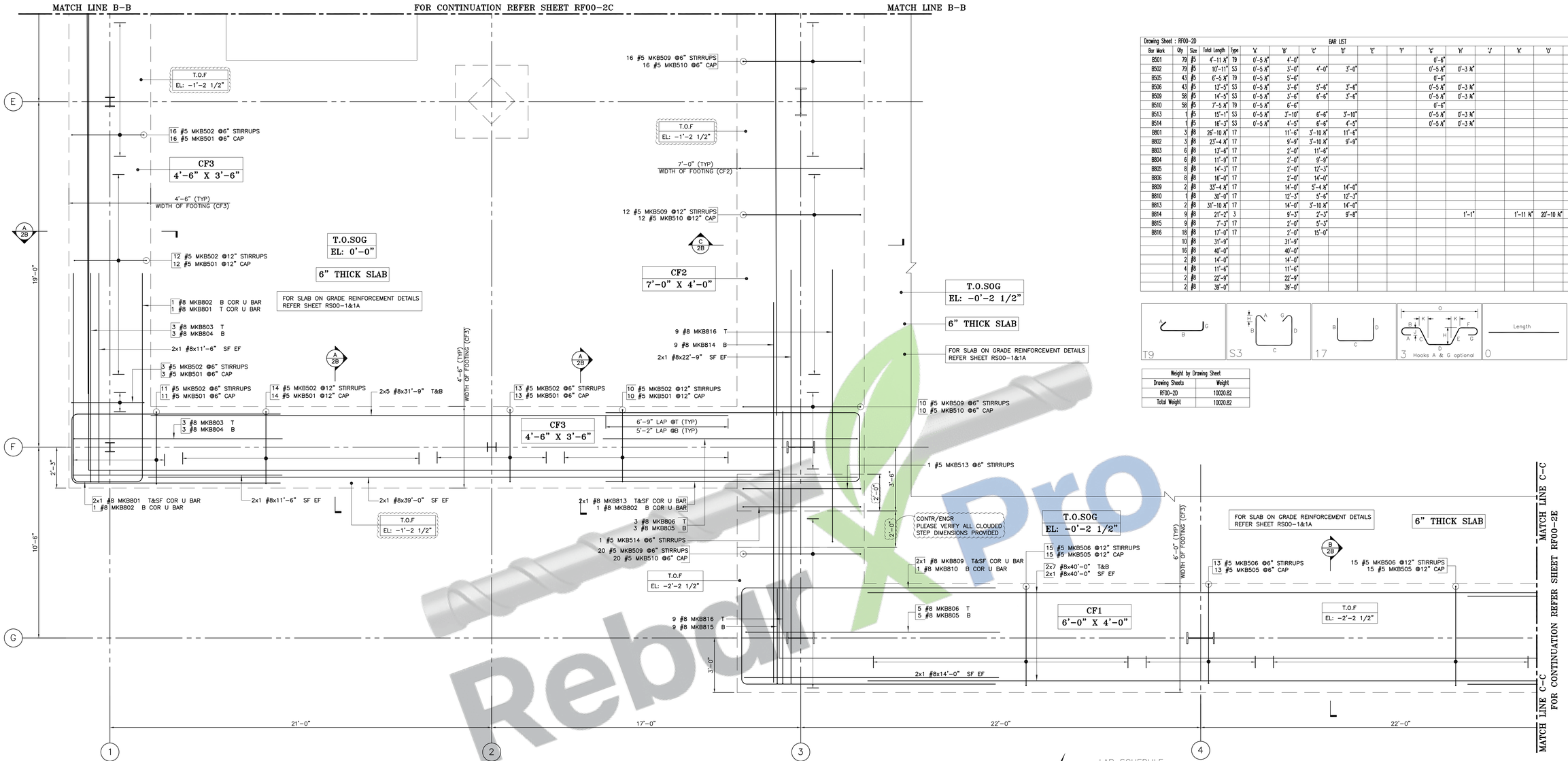
LEGEND

= SECTION MARK

ADDL = Additional
B = Bottom
CONTR = Contractor
CLR = Clear
COR = Corner
CF = Continuous Footing
ENGR = Engineer
EL = Elevation
EF = Each Face
ES = Each Side
REF = Reference
SF = Side Face
TYP = Typical
T = Top
T.O.C = Top of Concrete
T.O.SOG = Top of Slab on concrete
THICK = Thickness
UON = Unless Otherwise Noted

KEY PLAN
NTS

N



Drawing Sheet : RF00-2D				BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
B501	79	#5	4'-11 K"	T9	0'-5 K"	4'-0"					0'-6"					
B502	79	#5	10'-11"	S3	0'-5 K"	3'-0"	4'-0"	3'-0"			0'-5 K"	0'-3 K"				
B505	43	#5	6'-5 K"	T9	0'-5 K"	5'-6"					0'-6"					
B506	43	#5	13'-5"	S3	0'-5 K"	3'-6"	5'-6"	3'-6"			0'-5 K"	0'-3 K"				
B509	58	#5	14'-5"	S3	0'-5 K"	3'-6"	6'-6"	3'-6"			0'-5 K"	0'-3 K"				
B510	58	#5	7'-5 K"	T9	0'-5 K"	6'-6"					0'-6"					
B513	1	#5	15'-1"	S3	0'-5 K"	3'-10"	6'-6"	3'-10"			0'-5 K"	0'-3 K"				
B514	1	#5	16'-3"	S3	0'-5 K"	4'-5"	6'-6"	4'-5"			0'-5 K"	0'-3 K"				
B801	3	#8	26'-10 K"	17		11'-6"	3'-10 K"	11'-6"								
B802	3	#8	23'-4 K"	17		9'-9"	3'-10 K"	9'-9"								
B803	6	#8	13'-6"	17		2'-0"	11'-6"									
B804	6	#8	11'-9"	17		2'-0"	9'-9"									
B805	8	#8	14'-3"	17		2'-0"	12'-3"									
B806	8	#8	16'-0"	17		2'-0"	14'-0"									
B809	2	#8	33'-4 K"	17		14'-0"	5'-4 K"	14'-0"								
B810	1	#8	30'-0"	17		12'-3"	5'-6"	12'-3"								
B813	2	#8	31'-10 K"	17		14'-0"	3'-10 K"	14'-0"								
B814	9	#8	21'-2"	3		9'-3"	2'-3"	9'-8"				1'-1"		1'-11 K"	20'-10 K"	
B815	9	#8	7'-3"	17		2'-0"	5'-3"									
B816	18	#8	17'-0"	17		2'-0"	15'-0"									
	10	#8	31'-9"			31'-9"										
	16	#8	40'-0"			40'-0"										
	2	#8	14'-0"			14'-0"										
	4	#8	11'-6"			11'-6"										
	2	#8	22'-9"			22'-9"										
	2	#8	39'-0"			39'-0"										

Weight by Drawing Sheet	
Drawing Sheets	Weight
RF00-2D	10020.82
Total Weight	10020.82

CONTINUATION OF CONTINUOUS FOOTING (AT GRID 1&3/D-G & G/3-5) - PLAN

REF: S-121, S-201, S-202, S-301, S-302, S-520 & S-700

N

LAP SCHEDULE

CONCRETE STRENGTH
CONTINUOUS FOOTING = 4,000 PSI

LAP VALUES USED FROM TABLE SHOWN IN STRUCTURAL SHEET S-0.01

BAR#	TOP	OTHERS
#6	4'-1"	3'-1"
#8	6'-9"	5'-2"

LEGEND

= SECTION MARK

ADDL = Additional
B = Bottom
CONTR = Contractor
CLR = Clear
COR = Corner
CF = Continuous Footing
ENGR = Engineer
EL = Elevation
EF = Each Face
ES = Each Side
REF = Reference
SF = Side Face
TYP = Typical
T = Top
T.O.C = Top of Concrete
T.O.SOG = Top of Slab on concrete
THICK = Thickness
UON = Unless Otherwise Noted

NOTES

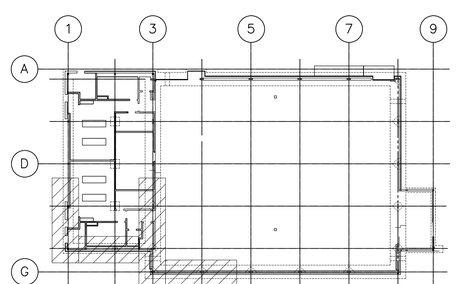
1. CONCRETE COVER
   CONTINUOUS FOOTING
   TOP = 3"
   BOTTOM = 3"
   SIDE = 3"
2. ALL THE BARS TO BE EQUALLY SPACED (UON).
3. FIELD CUT & BEND BARS AT REQUIRED LOCATIONS.
4. ALL REINFORCEMENTS ARE ASTM A615 GRADE 60, UNO.

DRAWING INDEX

DWG No.	DESCRIPTION WASHINGTON MS GYM R1
RF00-2	CONTINUOUS FOOTING AT GRID A-B/1-5
RF00-2A	CONTINUOUS FOOTING AT GRID A-B/5-9
RF00-2B	CONTINUOUS FOOTING - SECTIONS
RF00-2C	CONTINUATION OF CONTINUOUS FOOTING AT GRID 1/A-E & 3/A-E
RF00-2D	CONTINUATION OF CONTINUOUS FOOTING AT GRID 1&3/E-G & G/3-5
RF00-2E	CONTINUATION OF CONTINUOUS FOOTING AT GRID G/5-8 & 8-9/G-E
RF00-2F	CONTINUATION OF CONTINUOUS FOOTING AT GRID 8/D-A

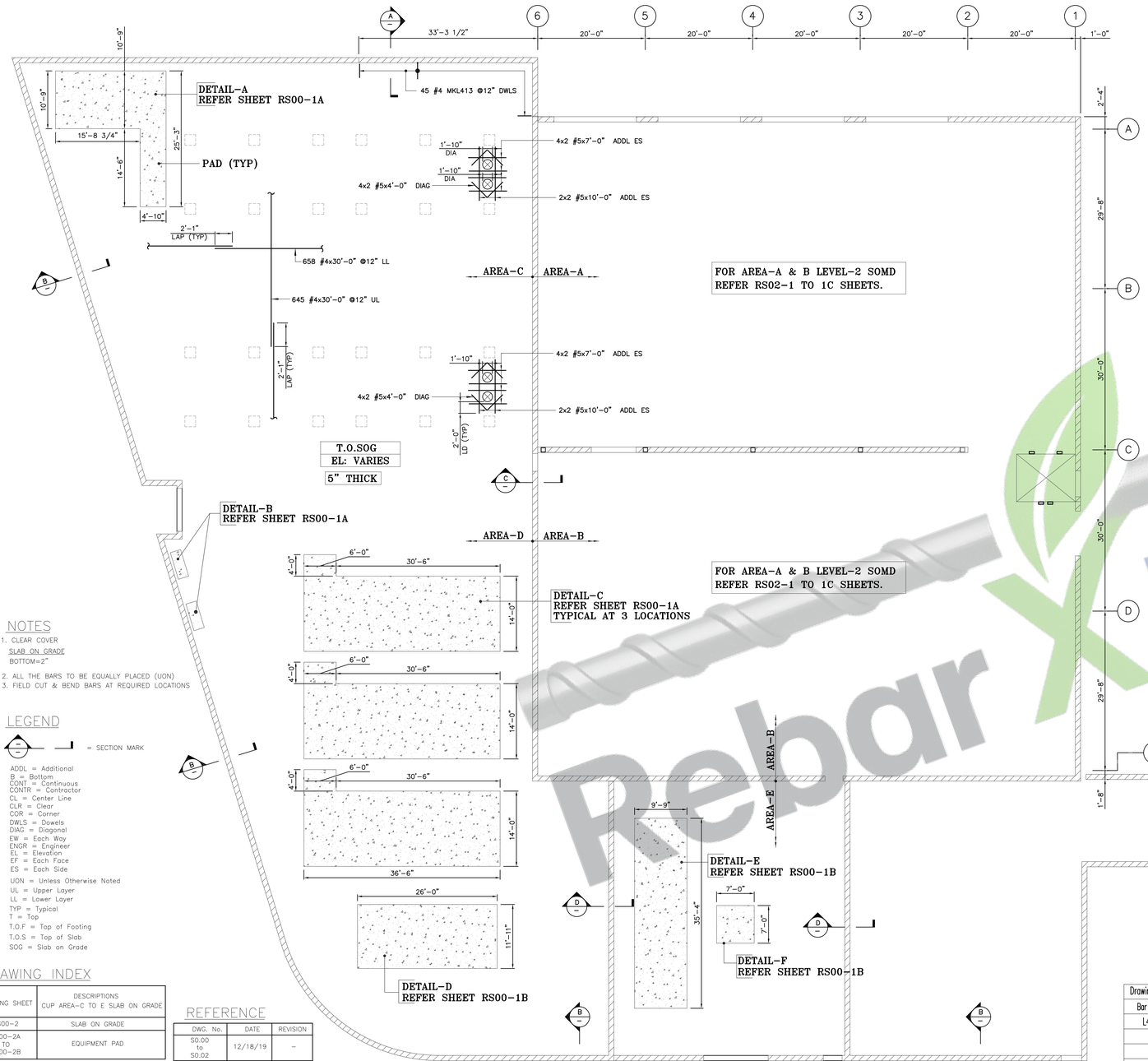
REFERENCE

DWG.No.	DATE	REVISION
S-0.00 TO S-0.03	07/14/20	-
S-121	07/14/20	-
S-201 & S-202	07/14/20	-
S-301 & S-302	07/14/20	-
S520 & S-521	07/14/20	-
S700 & S-701	07/14/20	-
A-201 & A-202	07/14/20	-
A-301 & A-302	07/14/20	-
A-510 & A-516	07/14/20	-
A-601	07/14/20	-



KEY PLAN
NTS

N



CUP AREA-C TO E SLAB ON GRADE -PLAN

REF: S2.30 & S2.30-EQ

NOTE: FIELD CUT THE BARS AT REQUIRED LENGTH

N

NOTES

1. CLEAR COVER
   SLAB ON GRADE
   BOTTOM=2"
2. ALL THE BARS TO BE EQUALLY PLACED (UON)
3. FIELD CUT & BEND BARS AT REQUIRED LOCATIONS

LEGEND

= SECTION MARK

ADDL = Additional
B = Bottom
CONT = Continuous
CONTR = Contractor
CL = Center Line
CLR = Clear
COR = Corner
DWLS = Dowels
DIAG = Diagonal
EW = Each Way
ENGR = Engineer
EL = Elevation
EF = Each Face
ES = Each Side

UON = Unless Otherwise Noted
UL = Upper Layer
LL = Lower Layer
TYP = Typical
T = Top
T.O.F = Top of Footing
T.O.S = Top of Slab
SOG = Slab on Grade

DRAWING INDEX

DRAWING SHEET	DESCRIPTIONS CUP AREA-C TO E SLAB ON GRADE
RS00-2	SLAB ON GRADE
RS00-2A TO RS00-2B	EQUIPMENT PAD

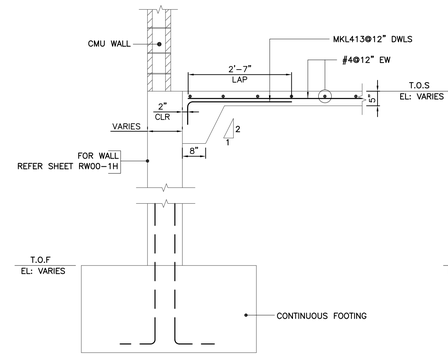
LAP SCHEDULE

COMPRESSIVE STRENGTH-
SLAB ON GRADE= 4,000PSI

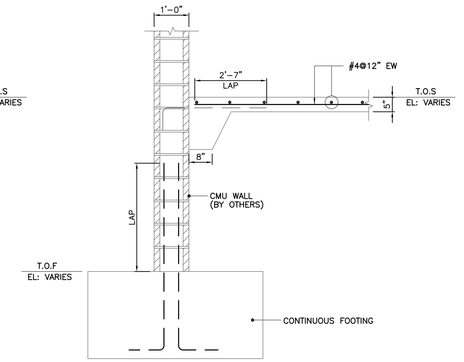
BAR #	LAP LENGTH	
	TOP	OTHERS
#4	2'-9"	2'-1"
#5	3'-5"	2'-7"
#6	4'-1"	3'-1"
#7	5'-11"	4'-6"
#8	6'-9"	5'-2"
#9	7'-7"	5'-10"
#10	8'-6"	6'-7"
#11	9'-6"	7'-3"

REFERENCE

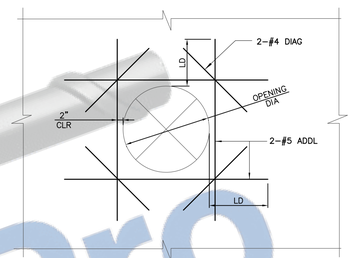
DWG. No.	DATE	REVISION
S0.00 to S0.02	12/18/19	–
S2.30	12/18/19	–
S2.30-EQ	12/18/19	–
S4.30 to S4.32	12/18/19	–
S6.00 to S6.04	12/18/19	–
S6.15	12/18/19	–
S6.20	12/18/19	–
S6.21	12/18/19	–
S6.30 to S6.32	12/18/19	–
S6.35	12/18/19	–
S6.40	12/18/19	–
S6.41	12/18/19	–
S6.51	12/18/19	–



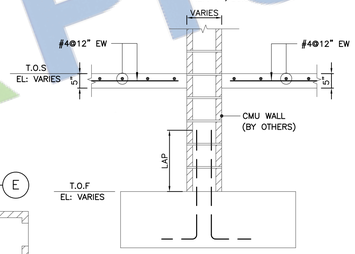
A SECTION
REF: 15/S6.51



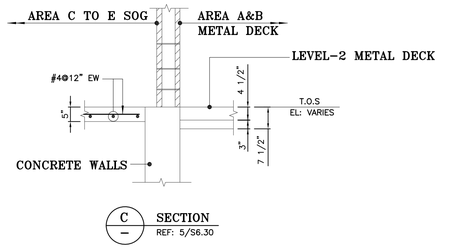
B SECTION
REF: 3/S6.51



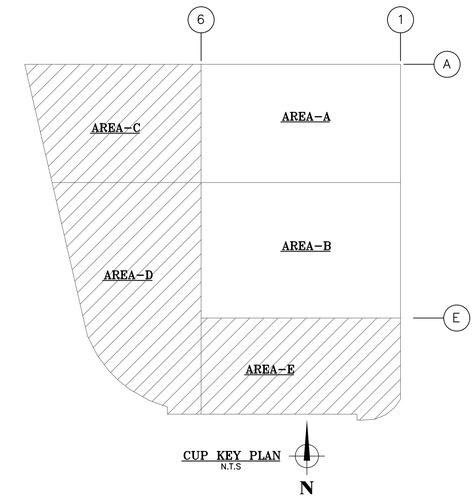
TYPICAL OPENING IN SLAB
REF: 14/S6.01



D SECTION
REF: 3/S6.51



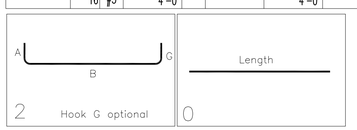
C SECTION
REF: 5/S6.30



CUP KEY PLAN
N.T.S

N

Drawing Sheet : RS00-2			BAR LIST													
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
L413	45	#4	3'-8"	2	0'-8"	3'-0"										
	1303	#4	30'-0"			30'-0"										
	16	#5	7'-0"			7'-0"										
	8	#5	10'-0"			10'-0"										
	16	#5	4'-0"			4'-0"										



Weight by Drawing Sheet	
Drawing Sheets	Weight
RS00-2	26489.35
Total Weight	26489.35

ALL REINFORCEMENTS ARE A706 GRADE 60