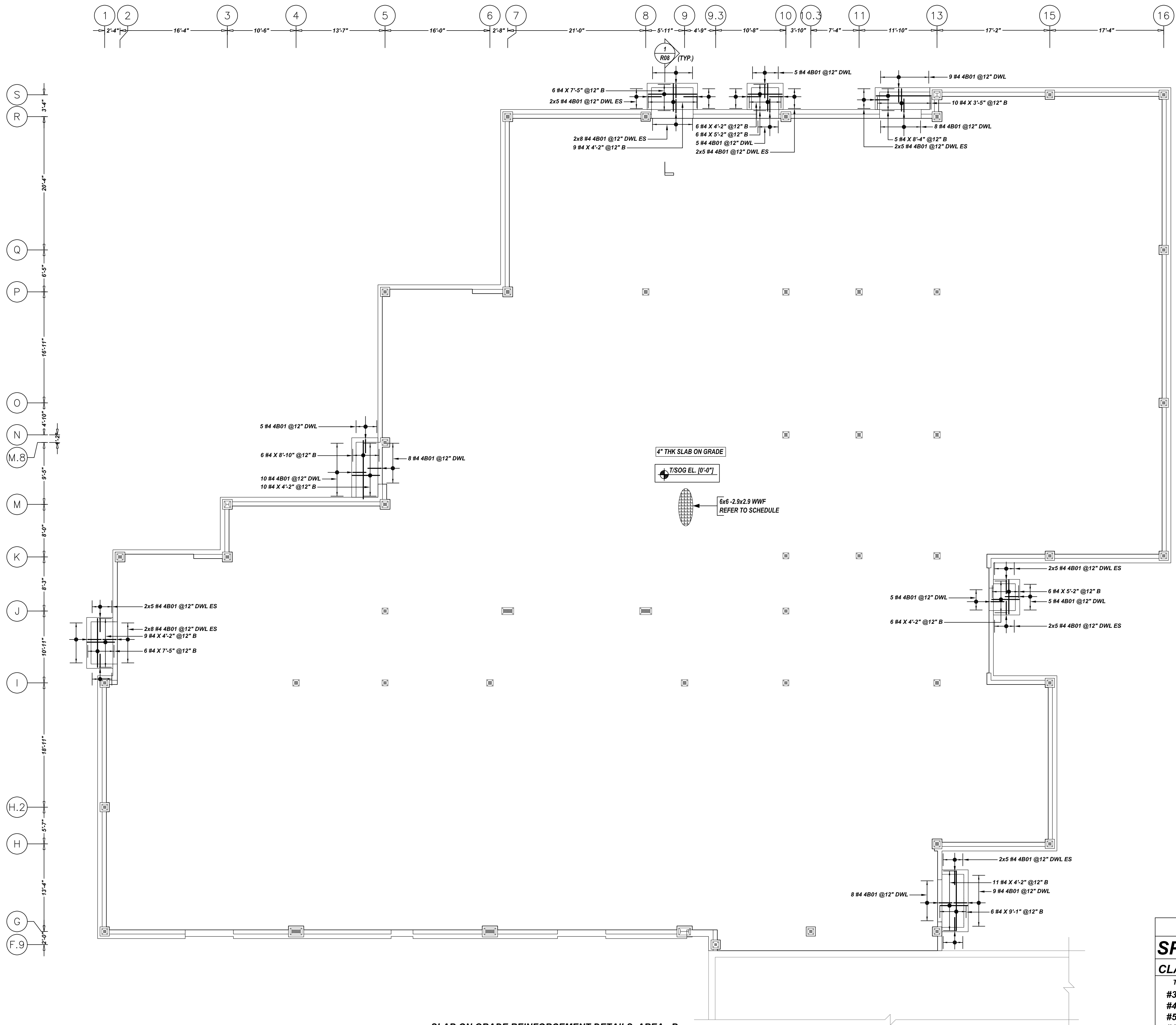
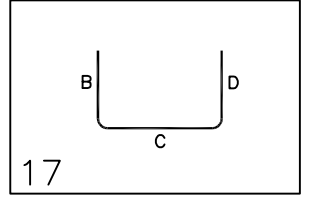


NOTICE
 SHORTAGES, IMPROPER FABRICATION OR CLAIMS FOR ANY OTHER REASON MUST BE REPORTED TO THIS COMPANY WITHIN 10 DAYS FROM ORIGINAL DELIVERY. THIS COMPANY ALSO RESERVES THE RIGHT TO FIELD INSPECT MATERIALS PRIOR TO REPLACEMENT OR RECONDITIONING OF MATERIALS AND WILL NOT BE LIABLE FOR CHARGES FROM WORK DONE IN THE FIELD WITHOUT PRIOR AUTHORIZATION FROM THIS COMPANY.
 REINFORCING STEEL PLACING DRAWINGS ONLY USE IN CONJUNCTION WITH CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.



Drawing Sheet: R08

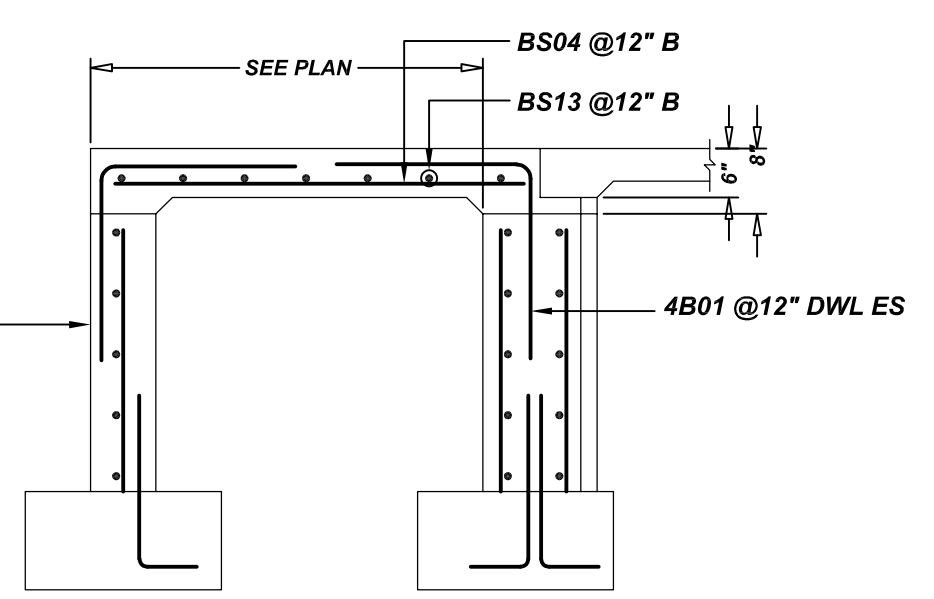
Bar Mark	Qty	Size	Total Length	Type	BENDING DETAILS													
					X	Y	Z	V	U	T	S	R	Q	P	O			
4B01	178	#4	4'-0"	12	2'-0"	2'-0"												



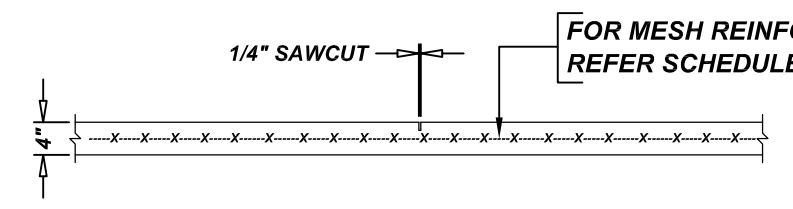
MESH DETAILS

ELEMENT	MESH SIZE	SHEETS	AREA	REMARK
4" THK SLAB ON GRADE	6x6 - 2.9x2.9 WWF	112	15502 SQ.FT	8'-0 X 20'-0" SHEET SIZE (15% LAP ADDED)

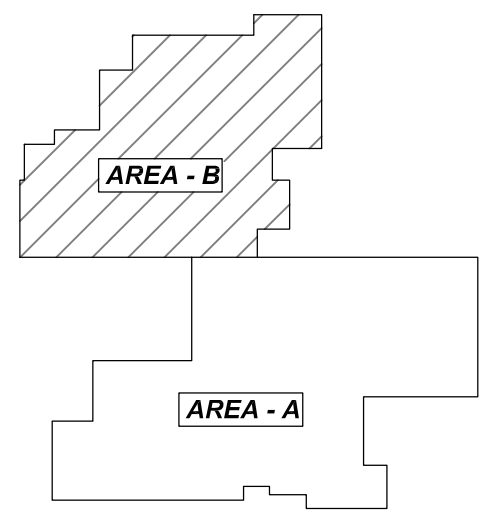
TYPICAL BAR CLEARANCE TABLE
 SLAB:-
 TOP & BOTTOM : 3/4"
 SIDE EDGE: 2"
 A/E PLEASE VERIFY COVER WE FOLLOWED (TYP.)



SECTION 1
 SCALE: 1/2"=1'-0"
 REF: A4/S50-1



TYPICAL CONTRACTION JOINT
 SCALE: 1/2"=1'-0"
 REF: S50-1



AREA KEY PLAN
 SCALE: NTS.

SLAB ON GRADE REINFORCEMENT DETAILS AREA - B
 SCALE: 1/8"=1'-0"
 REF: S10-1 & S40-1

REBAR GRADE 60 ASTM A-615

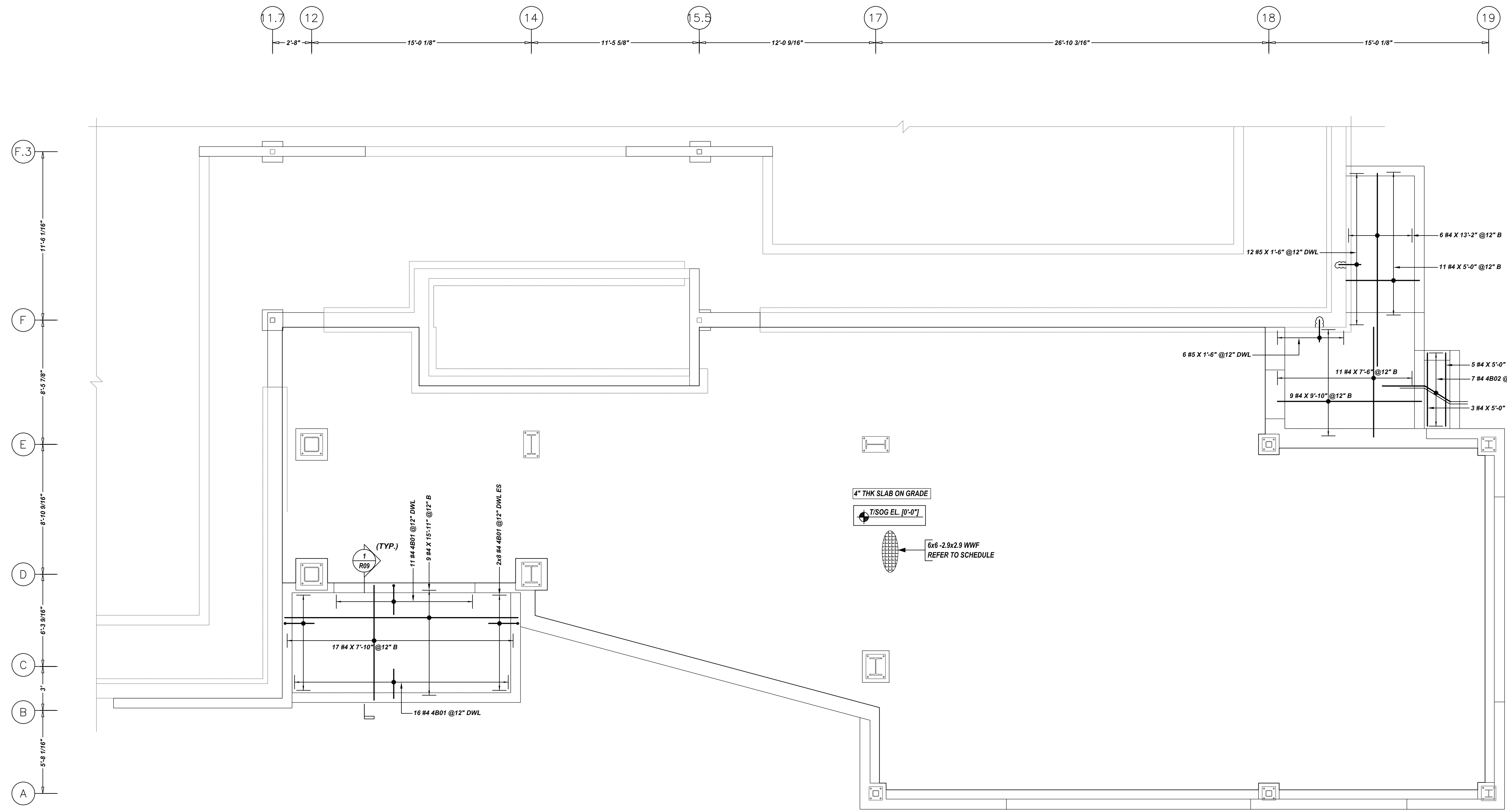
SPLICES USED		ABBREVIATIONS		BAR MARK SIZE EQUIVALENT	
CLASS B 3,000 psi UNO				Imperial	Soft Metric
TOP BARS	OTHER BARS	ADD.	Additional	#3	#10
#3 28"	#3 22"	B.O.W.	Bottom of wall	#4	#13
#4 37"	#4 29"	C.B.	Corner Bars	#5	#16
#5 47"	#5 36"	DIAG.	Diagonal	#6	#19
#6 56"	#6 43"	D.O.	Door Opening	#7	#22
#7 81"	#7 63"	DWLS.	Dowels	#8	#25
#8 93"	#8 72"	E.F.	Each Face	#9	#29
#9 105"	#9 81"	E.S.	Each Side	#10	#32
#10 118"	#10 91"	E.W.	Each Way	#11	#36
#11 131"	#11 101"	FTG.	Footing		
#14	#14	F.F.	Far Face		
		HORIZ.	Horizontal		
		I.F.	Inside Face		
		INTERS.	Intersection		
		L.W.	long Way		
		N.F.	Near Face		
		O.F.	Outside Face		
		S.W.	Short Way		
		T&B	Top & Bottom		
		T.O.W.	Top of Wall		
		Trans.	Transverse		
		VERT.	Vertical		

PRESUMPCOT ELEMENTARY SCHOOL
 SLAB ON GRADE REINFORCEMENT DETAILS AREA-B
PORTLAND, MAINE

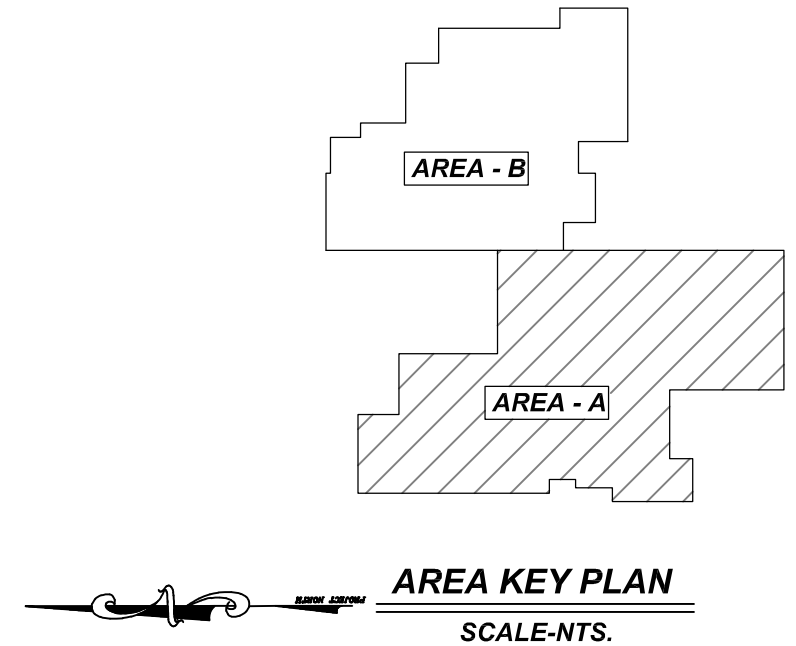
CUSTOMER: GREAT FALLS CONSTRUCTION
 DESIGNER: HARRIMAN STRUCTURAL ENGINEER

REV NO	DATE	SENT FOR	REV NO	DATE	SENT FOR	DRAWN BY	DATE	JOB NO	SHEET NO.
0	08.09.21	APPROVAL				KBS/MET	08.09.21	M921P844	R08

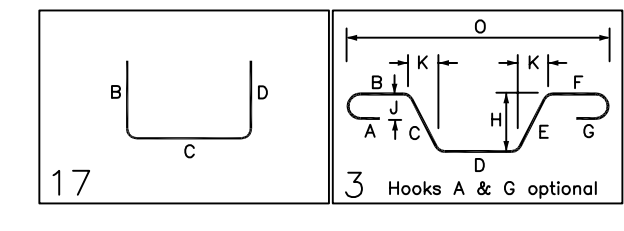
NOTICE
 SHORTAGES, IMPROPER FABRICATION OR CLAIMS FOR ANY OTHER REASON MUST BE REPORTED TO THIS COMPANY WITHIN 10 DAYS FROM ORIGINAL DELIVERY. THIS COMPANY ALSO RESERVES THE RIGHT TO FIELD INSPECT MATERIALS PRIOR TO REPLACEMENT OR RECONDITIONING OF MATERIALS AND WILL NOT BE LIABLE FOR CHARGES FROM WORK DONE IN THE FIELD WITHOUT PRIOR AUTHORIZATION FROM THIS COMPANY.
 REINFORCING STEEL PLACING DRAWING ONLY USE IN CONJUNCTION WITH CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.



SLAB ON GRADE REINFORCEMENT DETAILS AREA - A
 SCALE: 1/4"=1'-0"
 REF: S10-1 & S40-1



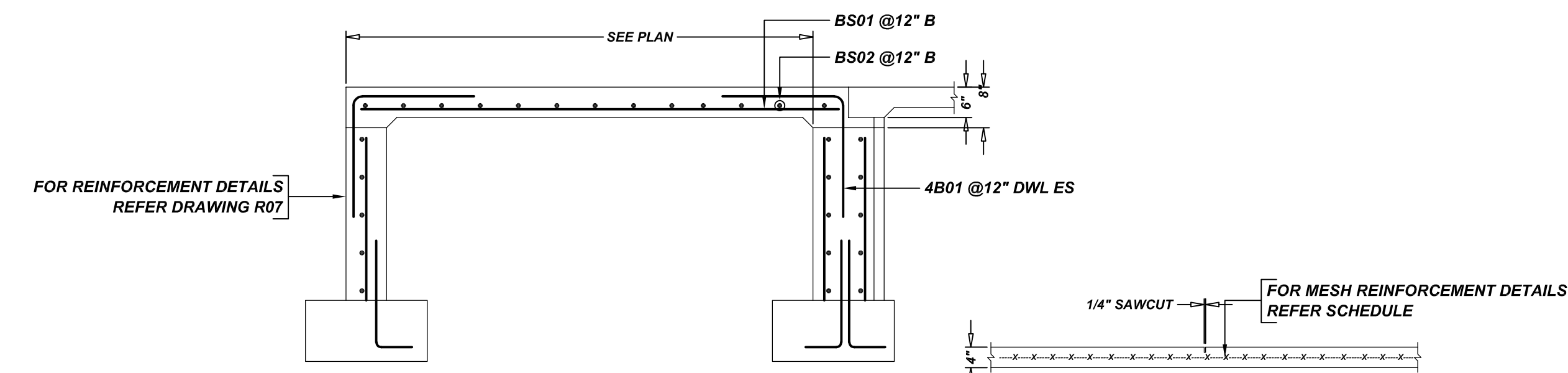
BENDING DETAILS										
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U
4B01	43	#4	4'-0"	17			2'-0"	2'-0"		
4B02	7	#4	4'-11"	3			2'-10 X	2'-0 X	1'-1 X	1'-8 X



MESH DETAILS				
ELEMENT	MESH SIZE	SHEETS	AREA	REMARK
4" THK SLAB ON GRADE	6x6-2.9x2.9 WWF	15	1936 SQ.FT	8'-0 X 20'-0" SHEET SIZE (15% LAP ADDED)

TYPICAL BAR CLEARANCE TABLE
 SLAB:-
 TOP & BOTTOM : 3/4"
 SIDE EDGE: 2"

A/E PLEASE VERIFY COVER WE FOLLOWED (TYP.)



SECTION
 SCALE: 1/2"=1'-0"
 REF: A4/S50-1

TYPICAL CONTRACTION JOINT
 SCALE: 1/2"=1'-0"
 REF: S50-1

REBAR GRADE 60 ASTM A-615			
SPLICES USED			
CLASS B 3,000 psi UNO		ABBREVIATIONS	
TOP BARS	OTHER BARS	ADD. = Additional	BAR MARK SIZE EQUIVALENT
#3 28"	#3 22"	B.O.W. = Bottom of wall	Imperial Soft Metric
#4 37"	#4 29"	C.B. = Corner Bars	#3 #10
#5 47"	#5 36"	DIAG. = Diagonal	#4 #13
#6 56"	#6 43"	D.O. = Door Opening	#5 #16
#7 81"	#7 63"	D.W.L.S. = Dowels	#6 #19
#8 93"	#8 72"	D.O. = Door Opening	#7 #22
#9 105"	#9 81"	I.F. = Inside Face	#8 #25
#10 118"	#10 91"	F.F. = Far Face	#9 #29
#11 131"	#11 101"	HORIZ. = Horizontal	#10 #32
#14	#14	I.F. = Inside Face	#11 #36
		INTERS. = Intersection	
		L.W. = long Way	
		N.F. = Near Face	
		O.F. = Outside Face	
		S.W. = Short Way	
		T&B = Top & Bottom	
		T.O.W. = Top of Wall	
		Trans. = Transverse	
		VERT. = Vertical	

PRESUMPCOT ELEMENTARY SCHOOL
 SLAB ON GRADE REINFORCEMENT DETAILS AREA-A
PORTLAND, MAINE

CUSTOMER: GREAT FALLS CONSTRUCTION
 DESIGNER: HARRIMAN STRUCTURAL ENGINEER

REV NO	DATE	APPROVAL	SENT FOR	REV NO	DATE	SENT FOR
0	08.09.21					

DRAWN BY	DATE	JOB NO	SHEET NO.
KBS/MET	08.09.21	M921P844	R09