

SPREAD FOOTING SCHEDULE					
MARK	SIZE	TYPE	REINFORCING	REMARK	TOP ELEV.
CF3.0	3'-0"X 3'-0"X 12"		#5@12" BOTT. TRANS. (4) #5BOTT.CONT.	COLUMN FOOTING	(±) 10'-0" INT.
CF3.5	3'-6"X 3'-6"X 12"		#5@12" BOTT. TRANS. (4) #5BOTT.CONT.	COLUMN FOOTING	(±) 2'-8" EXT. (±) 10'-0" INT.
CF5.0	5'-0"X 5'-0"X 12"		#5@12" BOTT. TRANS. (6) #5BOTT.CONT.	COLUMN FOOTING	(±) 2'-8" EXT. (±) 10'-0" INT.
CF6.0	6'-0"X 6'-0"X 12"		#5@12" BOTT. TRANS. (6) #5BOTT.CONT.	COLUMN FOOTING	(±) 2'-8" EXT. (±) 10'-0" INT.
CF8.0	8'-0"X 8'-0"X 15"		#5@12" BOTT. TRANS. (6) #5BOTT.CONT.	COLUMN FOOTING	(±) 2'-8" EXT. (±) 10'-0" INT.
EF1	21'-0"X 10'-6"X 12"		#5@12" TOP & BOTT. EACH WAY	ELEVATOR FOOTING	COORD.
WF2.0	2'-0" x 12"		#5@12" BOTT. TRANS. (3) #5BOTT.CONT.	MONO. WALL FOOTING	(±) 10'-0" INT.
WF2.5	2'-6" x 12"		#5@12" BOTT. TRANS. (3) #5BOTT.CONT.	MONO. WALL FOOTING	(±) 2'-8" EXT. (±) 10'-0" INT.
WF 2.0	2'-0" x 12"		#5@12" BOTT. TRANS. (3) #5BOTT.CONT.	MONO. WALL FOOTING	(±) 2'-8" EXT. (±) 10'-0" INT.

NOTE:  
1. ADJACENT GRADE ASSUMED TO BE (±) 0'-6", FIELD VERIFY.  
2. REGARDLESS OF BOTTOM OF FOOTING ELEVATIONS SHOWN IN THE SCHEDULE ABOVE, ALL EXTERIOR WALL OR PAD FOOTINGS SHALL BE LOCATED SUCH THAT A MINIMUM OF 3'-0" OF FILL EXISTS BETWEEN BOTTOM OF FOOTING AND FINAL GRADE ELEVATION.  
3. SHOULD THE CONTRACTOR DECIDE TO POUR THE INTERIOR WALL FOOTINGS AS A STEM WALL FOUNDATION, THE CONTRACTOR SHALL ADJUST THE BOTTOM OF FOOTINGS ACCORDINGLY.  
4. MONOLITHIC WITH SLAB WHERE APPLICABLE.

BOND BEAM SCHEDULE				
MK	SIZE	TOP ELEVATION	TYPE	REBAR
TB1	8"X8"	12'-4" 22'-6" 33'-0" 47'-4"		1-#5 HORIZONTAL EACH COURSE

PRECAST LINTEL SCHEDULE			
MK	SIZE	TYPE	MANUFACTURER
PCL1	8F16-08/1T (OR EQUAL)		CAST-CRETE

NOTE:  
1. USE A PCL1 FOR CMU OPENINGS SIZES WHICH ARE LESS THAN 6'-0".  
2. WHEN OPENINGS SIZE IN CMU WALL IS LARGER THAN 14'-0", USE CONCRETE BEAM.  
3. BOTTOM OF LINTEL AT HEAD OF OPENING.

QUANTITY OF #5 FIELD ADDED REBAR OF BOTTOM OF LINTEL CAVITY  
QUANTITY OF #5 FIELD ADDED REBAR AT TOP NOMINAL HEIGHT  
QUANTITY OF #5 FIELD ADDED REBAR AT TOP NOMINAL WIDTH

WOOD HEADER SCHEDULE			
HEADER	SIZE	SKETCH	GRADE
H1	(3) 2"x12"		SPF NO.2
H2	(2) 2"x12"		SPF NO.2

NOTES:  
1. PROVIDE 1 CRIPPLE STUD & 2 FULL HEIGHT STUDS @ HEADER BEARING EXCEPT @ END WALL, SEE ELEVATION, U.N.O.

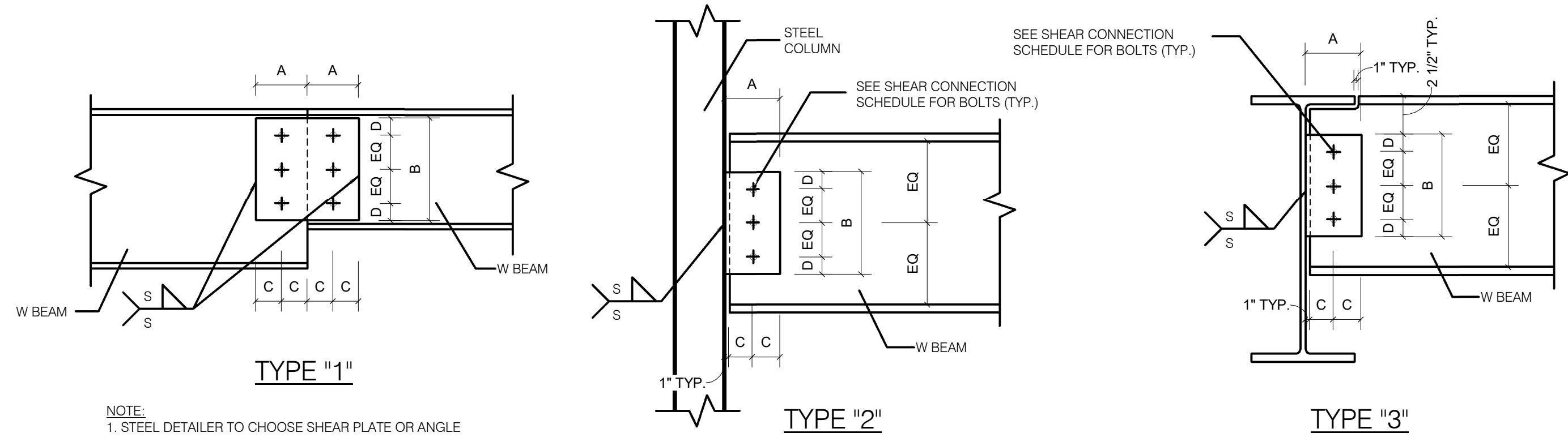
LVL BEAM SCHEDULE					
MK	SIZE	TYPE	GRADE	HANGER TO STEEL COLUMN	HANGER TO WOOD COLUMN
WB1	(2) 3/4" X 9 1/2" LVL		1.9E	WELD SIMPSON HUCQ412-SDS BUCKET TO COLUMN CAP WITH 1/8" FILLET WELD WHERE APPLICABLE	
WB2	(2) 3/4" X 11 1/4" LVL		1.9E	WELD SIMPSON HGUSS 30/14 BUCKET TO COLUMN CAP WITH 1/8" FILLET WELD WHERE APPLICABLE	SIMPSON HUCQ410-SDS WITH 6 1/4"X2 1/2" SDS TO BEAM AND 13 1/4"X 2 1/2" SDS TO WOOD COLUMN (4680#)
WB3	(3) 1 3/4" X 11 1/4" LVL		1.9E		SIMPSON HUCQ412-SDS WITH 6 1/4"X2 1/2" SDS TO BEAM AND 14 1/4"X 2 1/2" SDS TO WOOD COLUMN (5460#)

SPECIFICATIONS ON THE LVL HEADER  
COMPOSITE TYPE AND GRADE:  
BENDING PARALLEL TO GRAIN;  
TENSION PARALLEL TO GRAIN;  
COMPRESSION PARALLEL TO GRAIN;  
COMPRESSION PERPENDICULAR TO GRAIN;  
SHEAR PARALLEL TO GRAIN;  
MODULUS OF ELASTICITY:  
REFERENCE MODULUS OF ELASTICITY:  
MEAN SHEAR MODULUS:  
AVERAGE DENSITY:

MICROLAM LVL, 1.9E-2603FB GRADE  
FB = 2600 LB/IN2  
FT = 1555 LB/IN2  
FC = 2510 LB/IN2  
FC, PERP = 750 LB/IN2  
FV = 285 LB/IN2  
E = 1900000 LB/IN2  
EMIN = 965710 LB/IN2  
GDEF = E / 16 = 118750 LB/IN2  
R = 42 LB/FT3

WOOD DIAPHRAGM SHEATHING SCHEDULE (HORIZONTAL)						
LEVEL	PANEL GRADE	MINIMUM NOMINAL WIDTH OF FRAMING MEMBER	PANEL THICKNESS	NAIL SPACING		REMARKS
				DIAPHRAGM BOUNDARIES	AT OTHER PANEL EDGES	
FLOOR	O.S.B	2"	23/32"	6"	6"	8d UNBLOCKED DIAPHRAGM
ROOF	O.S.B	2"	15/32"	6"	6"	8d UNBLOCKED DIAPHRAGM

SHEAR PLATE CONNECTION SCHEDULE											
BEAM SIZE	SHEAR PLATE (TYPE 1&2&3)						BOLTS TO BEAM			FACTORED SHEAR LOADS (KIPS)	CONNECTION CAPACITY (KIPS)
	A	B	C	D	THICK.	NUM.	DIA.	NUM.	TYPE		
WBX10	4 1/2"	5 1/2"	2"	1 1/2"	1/4"	1	1/4"	FILLET WELD TWO SIDES EACH PLATE	3/4"	2"	A325 1.00 7.25
W10X15	4 1/2"	5 1/2"	2"	1 1/2"	1/2"	1	1/4"	FILLET WELD TWO SIDES EACH PLATE	3/4"	2"	A325 14.00 19.62
W16X57	4 1/2"	13"	2"	1 1/2"	3/4"	1	5/8"	FILLET WELD TWO SIDES EACH PLATE	3/4"	5"	A325 79.00 79.48



WALL TYPE SCHEDULE																						
MARK	FLOOR LEVEL	SW OR BW	INT/ EXT	FRAMING				SHEATHING				HOLDDOWN				BOTTOM PLATE ATTACHMENT				REMARK		
				STUDS SIZE	SPACI NG	STUDS AT CORNERS	STUDS AT OPENING	GRADE	THICK NESS	GRADE	FACE	BLOCKING AT PANEL JOINTS	NAILING PATTERN	EDGES	FIELD	SIMPSON	SIMPSON WEDGE WALL(®)EMB	FASTENER	CAPACITY		TYPE	SPACI NG
WT101	1ST	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	HD5B	5/8"	(2)3/4"	4195#	5/8" DIA. KWIK BOLTS, 6" EMBEDMENT	16"	2X6 BLOCKING AT THE MID POINT	
WT102	1ST	SW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	HD7B	7/8"	(3)3/4"	5650#	5/8" DIA. KWIK BOLTS, 6" EMBEDMENT	16"	2X6 BLOCKING AT THE MID POINT	
WT103	1ST	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	HD5B	5/8"	(2)3/4"	3785#	5/8" DIA. KWIK BOLTS, 6" EMBEDMENT	16"	2X6 BLOCKING AT THE MID POINT	
WT104	1ST	SW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	HD7B	7/8"	(3)3/4"	5650#	5/8" DIA. KWIK BOLTS, 6" EMBEDMENT	16"	2X6 BLOCKING AT THE MID POINT	
WT105	1ST	SW	INT.	2'X6"	16"	10'X6"	10'X6"	SFF #2	15/32"	OSB	TWO	2'X6"	8d@6"	8d@6"	(2)HD19	1 1/4"	(5)1"	30540#	5/8" DIA. KWIK BOLTS, 6" EMBEDMENT	16"	2X6 BLOCKING AT THE MID POINT	
WT106	1ST	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	HD5B	5/8"	(2)3/4"	3190#	5/8" DIA. KWIK BOLTS, 6" EMBEDMENT	16"	2X6 BLOCKING AT THE MID POINT	
WT107	1ST	BW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	HD5B	5/8"	(2)3/4"	3190#	5/8" DIA. KWIK BOLTS, 6" EMBEDMENT	16"	2X6 BLOCKING AT THE MID POINT	
WT108	1ST	BW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	HD5B	5/8"	(2)3/4"	3190#	5/8" DIA. KWIK BOLTS, 6" EMBEDMENT	16"	2X6 BLOCKING AT THE MID POINT	
WT201	2ND	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	2135#	(2) 10D	6"	-	
WT202	2ND	SW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	2345#	(2) 10D	6"	-	
WT203	2ND	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	2135#	(2) 10D	6"	-	
WT204	2ND	SW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	2135#	(2) 10D	6"	-	
WT205	2ND	SW	INT.	2'X4"	16"	12'X4"	12'X4"	SFF #2	15/32"	OSB	ONE	2'X4"	10d@37"	10d@37"	HD19	1 1/8"	(5)1"	14225#	(2) 10D	6"	-	
WT206	2ND	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	2135#	(2) 10D	6"	-	
WT207	2ND	BW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	2135#	(2) 10D	6"	2X6 BLOCKING AT THE MID POINT	
WT208	2ND	BW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	2135#	(2) 10D	6"	2X6 BLOCKING AT THE MID POINT	
WT301	3RD	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	12"	-	
WT302	3RD	SW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	12"	-	
WT303	3RD	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	12"	-	
WT304	3RD	SW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	12"	-	
WT305	3RD	SW	INT.	2'X4"	16"	8'X4"	8'X4"	SFF #2	15/32"	OSB	ONE	2'X4"	8d@6"	8d@6"	(2)MST48	-	-	3425#	(2) 10D	12"	-	
WT306	3RD	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	12"	-	
WT307	3RD	BW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	12"	-	
WT308	3RD	BW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	12"	-	
WT401	4TH	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	16"	-	
WT402	4TH	SW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	16"	-	
WT403	4TH	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	16"	-	
WT404	4TH	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	16"	-	
WT405	4TH	SW	INT.	2'X4"	16"	(2)2'X4"	(2)2'X4"	SFF #2	15/32"	OSB	ONE	2'X4"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	16"	-	
WT406	4TH	SW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	16"	-	
WT407	4TH	BW	EXT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	16"	-	
WT408	4TH	BW	INT.	2'X6"	16"	(2)2'X6"	(2)2'X6"	SFF #2	15/32"	OSB	ONE	2'X6"	8d@6"	8d@6"	MST37	-	-	1495#	(2) 10D	16"	-	

NOTE:  
1. ALL SHEATHING SCHEDULED IS MINIMUM. CONTRACTOR TO INCREASE AS REQUIRED TO ALIGN GYBOARD AND SHEATHING FOR PROPER TRANSITIONS.

BASE PLATE SCHEDULE					
MK		DIMENSION		THICKNESS	HILTI EXPANSION BOLTS KWIK BOLT 3
		L	W		REMARKS
BP-1	FOR HSS 4X4X1/4 FOR HSS 4X4X3/8 FOR HSS 4X4X1/2	10"	10"	3/4"	(4)3/4" 5" EMBEDMENT
BP-2	FOR HSS 5X5X1/2 FOR HSS 6X6X1/4	12"	12"	3/4"	(4)3/4" 5" EMBEDMENT

