



CMU WALL REINFORCING SCHEDULE				
MARK	WALL THICKNESS	VERTICAL REINFORCEMENT & SPACING	REINFORCEMENT LOCATION IN CELL	MIN. FIRE RATING
MW.1	8"	#5 AT 48" O.C. MAX	CENTER	2HR
MW.2	8"	#6 AT 16" O.C. MAX	INSIDE FACE	2HR
MW.3	6"	#5 AT 48" O.C. MAX	CENTER	2HR
MW.4	10"	#5 AT 48" O.C. MAX	CENTER	2HR

10.15.2019

05.15.2020

PROVIDE CMU WALL REINFORCING ABOVE AND BELOW ALL MANSORY OPENINGS. EXTEND THE LENGTH OF THE REBAR BY 25" OR 40 BAR DIAMETERS PAST THE EDGE OF THE OPENING.

DOWN'S INTO FOOTING TO MATCH VERTICAL REINFORCEMENT SPACING AND LOCATION

- REFER TO REBAR CONTINUITY FOR MIN. LAP DISTANCES OF REBAR
- ALL FIREWALL CONSTRUCTION TO USE LIMESTONE CMU
- HORIZONTAL JOINT REINFORCING (W1.7) AT 16" O.C. VERTICALLY (8" O.C. AT PARAPET WALL LOCATIONS)
- HORIZONTAL JOINT REINFORCING TO BE HDG AT EXTERIOR WALLS AND MILD GALVANIZED FOR INTERIOR WALLS
- 2HR RATING: 6" 2 CORE 75% SOLID, 8" 2 CORE 58% SOLID, 10" CMU: 2 CORE REGULAR

MASONRY WALL FOOTING SCHEDULE			
MARK	WIDTH	THICKNESS	LONGITUDINAL
MWF.1	2'-0"	1'-0"	(2)#5
MWF.2	3'-0"	1'-2"	(3)#5

05.15.2020

- REFER TO STRUCTURAL NOTES SHEET FOR LAPS IN STEEL REINFORCEMENT.
- REFER TO FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS.
- ALL FOOTING EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE

THICKENED SLAB SCHEDULE				
MARK	DIMENSIONS	REINFORCEMENT	REMARKS	
	WIDTH (XCONT)	THICKNESS	LONGITUDINAL	
TS20	2'-0"	1'-0"	(2) #5	

05.15.2020

- REFER TO REBAR CONTINUITY FOR MIN. LAP DISTANCES OF REBAR
- SEE FOUNDATION PLANS FOR TOP OF FOOTING ELEVATIONS
- THE PROJECT'S GEOTECHNICAL ENGINEER SHOULD INSPECT/APPROVE ALL FOOT EXCAVATIONS BEFORE POURING CONCRETE

WALL FOOTING SCHEDULE				
MARK	DIMENSIONS	REINFORCEMENT	REMARKS	
	WIDTH	THICKNESS	LONGITUDINAL	TRANSVERSE
WF26	2'-6"	1'-2"	(3)-#5	
WF30	3'-0"	1'-2"	(3)-#5	
WF42	3'-6"	1'-2"	SEE DETAIL 2/S202	SEE DETAIL 2/S202
WF48	4'-6"	1'-2"	(5)-#5	

05.15.2020

- SEE FOUNDATION PLANS FOR TOP OF FOOTING ELEVATIONS
- THE PROJECT'S GEOTECHNICAL ENGINEER SHOULD INSPECT/APPROVE ALL FOOT EXCAVATIONS BEFORE POURING CONCRETE
- UNO ALL REINFORCING LAPS TO BE CLASS B LAP SPICES

COLUMN FOOTING SCHEDULE										
Type	Mark	Type	No.	El. @ Top	Width	Length	Depth	Volume	Bottom Reinforcing	Type Comments
									Long	Short
FT70	FT70	7'-0x7'-0x1'-8	1	-14'-0"	7'-0"	7'-0"	1'-8"	81.67 CF	(10)-#7	(10)-#7
FT90	FT90	9'-0x9'-0x2'-1	7	-14'-0"	9'-0"	9'-0"	2'-1"	168.75 CF	(10)-#8	(10)-#8
FT96a	FT96a	9'-6x9'-6x2'-6	1	-14'-0"	9'-6"	9'-6"	2'-6"	225.63 CF	(10)-#7	(10)-#7
FT100a	FT100a	10'-0x10'-0x2'-1	2	-14'-0"	10'-0"	10'-0"	2'-1"	208.33 CF	(11)-#8	(11)-#8
FT100b	FT100b	10'-0x10'-0x2'-3	3	-14'-0"	10'-0"	10'-0"	2'-3"	225.00 CF	(11)-#8	(11)-#8
FT106	FT106	10'-6x10'-6x2'-4	1	-14'-0"	10'-6"	10'-6"	2'-4"	275.63 CF	(11)-#8	(11)-#8
FT110a	FT110a	11'-0x11'-0x2'-3	2	-14'-0"	11'-0"	11'-0"	2'-3"	272.25 CF	(12)-#8	(12)-#8
FT110b	FT110b	11'-0x11'-0x2'-6	2	-14'-0"	11'-0"	11'-0"	2'-6"	302.50 CF	(12)-#8	(12)-#8
FT116	FT116	11'-6x11'-6x2'-6	1	-14'-0"	11'-6"	11'-6"	2'-6"	330.63 CF	(12)-#8	(12)-#8
FT120a	FT120a	12'-0x12'-0x3'-0	4	-14'-0"	12'-0"	12'-0"	3'-0"	432.00 CF	(13)-#8	(13)-#8
FT120b	FT120b	12'-0x12'-0x3'-6	3	-14'-0"	12'-0"	12'-0"	3'-6"	504.00 CF	(13)-#8	(13)-#8
FT126	FT126	12'-6x12'-6x3'-6	1	-14'-0"	12'-6"	12'-6"	3'-6"	546.88 CF	(13)-#8	(13)-#8

CONCRETE WALL REINFORCING SCHEDULE						
MARK	TYPE	THICKNESS	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT	MIN. FIRE RATING	REMARKS
W1	CONCRETE	14"	5# AT 18" O.C.	5# AT 12" O.C.		Inside face
W2	CONCRETE	10"	5# AT 12" O.C.	5# AT 12" O.C.		Inside face
W3	CONCRETE	12"	4# AT 8" O.C.	4# AT 8" O.C.	2HR	both sides
W4	CONCRETE	8"	4# AT 12" O.C.	3# AT 12" O.C.		Centered in wall thickness
W5	CONCRETE	8"	4# AT 12" O.C.	3# AT 12" O.C.		Inside face
W6	CONCRETE	8"	4# AT 8" O.C.	4# AT 8" O.C.	2HR	both sides

05.15.2020

- REFER TO REBAR CONTINUITY FOR MIN. LAP DISTANCES OF REBAR
- COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND EXISTIST CONDITIONS

**Developer:** W Capital Group  
tyler@wcapitalgroup.com | 608.345.9848

**Architect:** Opening Design  
316 W Washington Ave | Suite 675  
Madison, WI 53703  
ryan@openingdesign.com | 773.425.6456

**General Contractor:** ROYAL CONSTRUCTION  
3653 Greenway Street | Eau Claire, WI 54701  
jrm@royalbuild.com | 715.225.6377

**Civil Engineer:** CEDAR CORPORATION  
604 Wilson Avenue | Menomonie, WI 54751  
kevin.olum@cedarcorp.com | 715.235.9081

**Structural Engineer:** XC Structural Engineering  
Calle Apolonia Morales, 628036 Madrid, I.perezata@xcengineering.xyz | +34 610 56 26 37

**Structural Engineer of Record:** Ennovation  
4729 Dale-Curtain Rd, McFarland, WI 53558  
kfrey@ennovationbuild.com

**Mechanical Engineer:** HOVLAND'S HVAC  
10954 E. Melby Street | Chippewa Falls, WI 54729  
jhansen@hovlands-inc.com | 715.552.5595

**Electrical Engineer:** PRISM DESIGN ELECTRICAL CONSULTANTS INC  
E8403 State Rd 85 | Mondovi, WI 54755  
bhaigren@prismdesign-electrical.com | 715.797.0602

**Plumbing Engineer:** TAILORED ENGINEERING  
1600 Aspen Commons | Ste 210 | Middleton, WI 53552  
bnovak@tailoredeng.com | 608.209.7500

Date	Description
07.08.2019	Footing/Foundation Permit
08.15.2019	75% CD Set
08.21.2019	Permit
10.09.2019	IFC - Foundation
10.15.2019	Updated Foundation Details
11.07.2019	Updated Foundation
03.27.2020	Updates
05.15.2020	Permit Revision #4
07.02.2020	Permit Revision #5