

	FOOTING SCHEDULE											
MARK	WIDTH	LENGTH	DEPTH	REINFORCING CROSSWISE				REINFORCING LENGTHWISE			DEMADUS	
				NO	SIZE	LENGTH	SPACING	NO	SIZE	LENGTH	SPACING	KEMAKKS
F-1	4'-0"	4'-0"	18"	4	#5	3'-6"	EQ	4	#5	3'6"	EQ	-
F-2	6'-6"	6'-6"	18"	5	#5	6'-0"	EQ	5	#5	6'-0"	EQ	TOP AND BOTTOM
F-3	8'-0"	8'-0"	24"	8	#5	7'-6"	EQ	5	#5	7'-0"	EQ	TOP AND BOTTOM
F-4	10'-0"	10'-0"	24"	10	#5	9'-6"	EQ	10	#5	9'S6"	EQ	TOP AND BOTTOM
NOTES:												

- FOUNDATION SYSTEM BASED ON LOADS AND REACTIONS PROVIDED BY METAL BUILDING MANUFACTURER DOCUMENTS PREPARED BY WESTERN STEEL BUILDINGS #30076 DATED 5-5-22

-FOOTING AND FOUNDATION LAYOUT BASED ON DIMENSIONS OF METAL BUILDING PLANS - SEE METAL BUILDING PLANS FOR DIMENSIONS.

- SEE DETAILS ON SHEET S5.00 FOR PIER REINFORCEMENT



GENERAL:

UNLESS NOTED OTHERWISE, ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING CONDITIONS AT THE JOB SITE, AND TO FULLY COORDINATE ALL DIMENSIONS AND CONDITIONS OF DETAILS WITH OTHER DISCIPLINES. ANY FIELD CONDITIONS REQUIRING CONSTRUCTION THAT IS DIFFERENT FROM THAT SHOWN ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. ANY CONFLICTING DETAILS SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF SAID DETAIL. DO NOT SCALE DRAWINGS. ANY QUESTIONS REGARDING THE CONSTRUCTION DOCUMENTS SHALL BE SUBMITTED TO THE ARCHITECT IN THE FORM OF A WRITTEN REQUEST FOR INFORMATION.

ALL SUPPORT OF CONSTRUCTION LOADS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL SHORING AND BRACING REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING THE CONSTRUCTION PROCESS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL PROCEDURES OF SOIL EXCAVATION, BACK FILL, AND SUPPORT OF ADJACENT PROPERTY DURING EARTHWORK SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

ALL DIMENSIONS INDICATED ON PLANS SHALL BE TO FACE OF STUDS, FACE OF CONCRETE BLOCK, FACE OF ROUGH CONCRETE, CENTERLINE OF COLUMNS, BOTTOM OF METAL DECK, AND TOP OF SLAB, UNLESS NOTED OTHERWISE. REFER TO METAL BUILDING DRAWINGS FOR ALL DIMENSIONS NOT INDICATED.

FOUNDATIONS:

MAXIMUM ALLOWABLE SOIL PRESSURE: = 3000 PSF (RAMMED AGGREGATE PIERS - SEE GEOTECHNICAL REPORT)

ALL FOOTING DEPTHS INDICATED ON PLANS ARE MINIMUM DEPTHS. FOOTINGS MAY BE PLACED IN NEAT EXCAVATED TRENCHES. TRENCH SHALL BE APPROVED BY INSPECTOR PRIOR TO PLACEMENT OF CONCRETE. SEE GEOTECHNICAL REPORT AND RAMMED AGGREGATE PIER FOR ADDITIONAL SOIL PREPARATION REQUIREMENTS.

CONCRETE:

ALL CONCRETE MATERIALS SHALL COMPLY WITH THE STANDARDS SPECIFIED IN THE LATEST EDITION OF THE ACI 318 BUILDING CODE.

LOCATIONSPECIALSLUMPAGGREGATECOMPRESSIVE - INSPECT.(MAX)(MAX SIZE)STRENGTH (PSI)

			, , ,	
FOOTINGS	NO	5	1" DIA	3000 (2500 LIGED IN DEGLEN)
WALLS	NO	4	3/4" DIA	(2500 USED IN DESIGN) 3000 (2500 USED IN DESIGN)
SLAB ON GRADE	NO	5	1" DIA	(2500 USED IN DESIGN) 3500 (2500 USED IN DESIGN)
				(2000 USED IN DESIGN)

ANY CONCRETE THAT FAILS TO MEET SPECIFICATIONS SHALL BE REMOVED AND REPLACED AT THE EXPENSE OF THE CONTRACTOR.

USE OF CALCIUM CHLORIDE IS NOT PERMITTED IN ANY CONCRETE MIXES. ALL OTHER ADDITIVES AND ADMIXTURES MUST HAVE THE WRITTEN APPROVAL OF THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION, DESIGN, PLACEMENT AND REMOVAL OF ALL FORMWORK. ALL SHORING DURING PLACEMENT OF CONCRETE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CONCRETE REINFORCING:

ALL REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60, Fy=60,000 PSI MIN., UNLESS NOTED OTHERWISE. BARS SHALL BE TIED SECURE PRIOR TO PLACEMENT OF CONCRETE TO MAINTAIN PROPER PLACEMENT AFTER CONCRETE IS IN PLACE. LAP ALL BARS 40 DIAMETERS UNLESS NOTED OTHERWISE. SPLICE BARS ONLY WHERE SHOWN ON PLANS.

MAINTAIN THE FOLLOWING CONCRETE COVERAGES FOR CONCRETE REINFORCING:

UNFORMED SURFACES IN CONTACT WITH EARTH

FORMED SURFACES IN CONTACT WITH EARTH FORMED SURFACES EXPOSED TO OUTSIDE WEATHER SLABS AND WALLS NOT EXPOSED TO WEATHER CLEAR DISTANCE BETWEEN BARS

1 1/2" 2" U.N.O.







3-D REINF. (a) INTERSECTIONS (\$5.00) 3/4"=1'-0"



3-C CONST. JT. IN WALL OR FTG \$5.00 3/4"=1'-0" APPLIES TO BOTH VERT. & HORIZ. JOINTS



3-B SLAB ON GRADE JOINT \$5.00 3/4"=1'-0" NOTE: SPACE CONTROL AND/OR CONSTRUCTIONS JOINTS @ 16'-0" MAX. EACH WAY U.N.O. ON PLANS



