

FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

WALL FOOTING SCHEDULE (WF_)

NOTES:
 1. CONCRETE FOOTING.
 2. REINFORCING.
 3. TOP REINFORCING IF SPECIFIED.
 4. TRANSVERSE REINFORCING IF SPECIFIED.
 5. CENTER FOOTING UNDER WALL U.N.O.

MARK	WIDTH	THICKNESS "t"	REINFORCING		NOTES
			CONTINUOUS	TRANSVERSE	
WF1	1'-4"	12"	(2) #4	---	---
WF2	2'-0"	12"	(3) #4	---	---
WF3	3'-0"	16"	(4) #5	#5 AT 12" O.C. TOP AND BOTTOM	---
WF4	4'-0"	24"	(5) #5 TOP AND BOTTOM	#5 AT 12" O.C. TOP AND BOTTOM	---

CONCRETE FOOTING SCHEDULE (F_)

NOTES:
 1. CONCRETE FOOTING.
 2. FOOTING REINFORCING.
 3. TOP REINFORCING IF SPECIFIED.
 4. CENTER FOOTING UNDER COLUMN U.N.O.

MARK	WIDTH	LENGTH	THICKNESS "t"	REINFORCING	NOTES
F1	4'-0"	4'-0"	12"	(5) #5 EACH WAY	---
F2	5'-6"	5'-6"	12"	(7) #5 EACH WAY	---

WOOD STUD SHEAR WALL SCHEDULE (SW_)

MARK	MATERIAL AND ATTACHMENT	SILL PLATE ATTACHMENT (1)	
		FOUNDATIONS (4)(5)	UPPER FLOORS
SW1	1/2" BLOCKED APA "CDX" SHEATHING WITH 8d NAILS AT 6" O.C. AT EDGES & 12" O.C. FIELD	1/2" A.B. AT 32" O.C. WITH STD. CUT WASHERS	16d AT 8" O.C.
SW2	1/2" BLOCKED APA "CDX" SHEATHING WITH 8d NAILS AT 4" O.C. AT EDGES & 12" O.C. FIELD(2)	1/2" A.B. AT 24" O.C. WITH STD. CUT WASHERS	16d AT 5" O.C.
SW3	1/2" BLOCKED APA "CDX" SHEATHING WITH 8d NAILS AT 3" O.C. AT EDGES & 12" O.C. FIELD(2)	1/2" A.B. AT 16" O.C. WITH 1/4"x3"x3" PLATE WASHER	16d AT 4" O.C.
SW4	1/2" BLOCKED APA "CDX" SHEATHING WITH 8d NAILS AT 2" O.C. AT EDGES & 12" O.C. FIELD(3)	1/2" A.B. AT 12" O.C. WITH 1/4"x3"x3" PLATE WASHER	16d AT 3" O.C.(6)

FOOTNOTES:
 (1) FOR SHEAR WALLS WITH SHEATHING APPLIED TO BOTH SIDES, SILL PLATE ATTACHMENT SHALL BE HALF THE SHOWN SPACING.
 (2) WHERE PLYWOOD IS APPLIED ON BOTH FACES OF WALL AND NAIL SPACING IS LESS THAN 6" O.C. PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS, OR FRAMING SHALL BE 3x MINIMUM AND NAILS ON EACH SIDE SHALL BE STAGGERED.
 (3) FRAMING AT ADJOINING PANEL EDGES SHALL BE 3" NOMINAL OR WIDER AND NAILS SHALL BE STAGGERED.
 (4) SHOT PIN OPTION NOT ALLOWABLE AT EXTERIOR WALLS. SHOT PINS SHALL BE HILTI X-U INSTALLED WITH WASHERS AND 1" EMBEDMENT PER ESR-2269.
 (5) CAST-IN-PLACE ANCHOR BOLTS MAY BE REPLACED WITH 1/2" DIA. EXPANSION BOLTS AT SAME SPACING AT INTERIOR WALLS ONLY. EXPANSION BOLTS SHALL BE SIMPSON STRONG-BOLT Z WEDGE ANCHOR WITH 6" EMBED = ESR 3037.
 (6) STAGGER NAILS IN SILL PLATE.

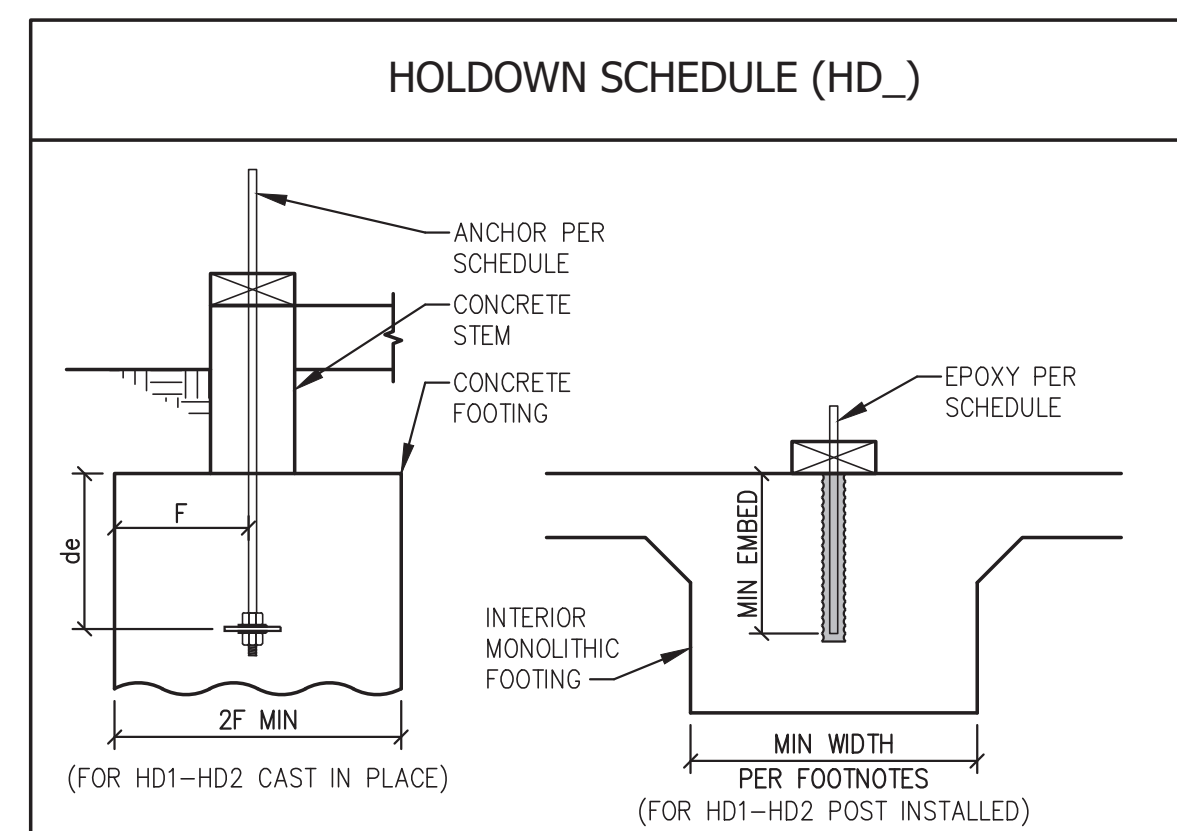
TYPICAL SHEAR WALL NOTES:
 1. STUD SPACING IN ALL SHEAR WALLS SHALL NOT EXCEED 16" O.C.
 2. ALL PANEL EDGES SHALL BE BACKED WITH MINIMUM 2" NOMINAL FRAMING.
 3. BLOCKING SHALL BE PROVIDED NEAR MID-HEIGHT OF WALL AT SHEATHING JOINT.
 4. SPACING APPLIES TO NAILING AT ALL STUDS, TOP AND BOTTOM PLATES AND BLOCKING.
 5. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL (FINISHED SURFACE) WALL COVERINGS NOT NOTED.
 6. TYPE X DRYWALL SHALL BE PROVIDED WHERE INDICATED ON ARCHITECTURAL DWGS.
 7. FOR EXTERIOR SHEAR WALLS USING DRYWALL, USE EXTERIOR TYPE DRYWALL PER ARCH. DRAWINGS.

FOUNDATION PLAN NOTES - TYPICAL U.N.O.:

- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. BUILDING DIMENSIONS WERE PROVIDED BY ARCHITECT AND SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
- KEYNOTES AND SCHEDULED MARK DESIGNATIONS ARE TYPICAL TO THE PROJECT AND MAY NOT APPEAR ON THIS PLAN.
- DEPTH OF FOUNDATIONS SPECIFIED IN THE G.S.N. ARE MINIMUMS. CONTRACTOR SHALL COORDINATE WITH SOIL REPORT, CIVIL ENGINEERING DRAWINGS AND ALL TRADES TO ENSURE THAT MINIMUM DEPTHS ARE SUFFICIENT FOR THE WORK. SEE TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
- WF1, WF2, ETC. - AS SHOWN ON PLAN INDICATES 2x6 WOOD STUD WALL STUDS SHALL BE SPACED AT 16" O.C. SEE G.S.N., TYPICAL DETAILS, PLANS AND DETAILS FOR ADDITIONAL INFORMATION.
- WF1, WF2, ETC. - AS SHOWN ON PLAN INDICATES CONTINUOUS WALL FOOTING. SEE SCHEDULE THIS SHEET. FOOTING SHALL BE CENTERED UNDER WALL U.N.O.
- F1, F2, ETC. - AS SHOWN ON PLAN INDICATES ISOLATED CONCRETE FOOTING. SEE SCHEDULE THIS SHEET.
- C1, C2, ETC. - AS SHOWN ON PLAN INDICATES STEEL COLUMN. SEE SCHEDULE THIS SHEET.
- BUILDING CONCRETE SLAB ON GRADE SHALL BE AS NOTED ON PLAN. VERIFY EXACT SIZE AND LOCATION OF ALL DEPRESSIONS, RAISED, OR SLOPED CONCRETE SLABS WITH ARCHITECTURAL DRAWINGS. FOR SIDEWALK LOCATION, SEE ARCHITECTURAL DRAWINGS. SEE G.S.N. AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.

FOUNDATION KEYNOTES:

- ① NO SLAB THIS AREA.



MARK	HOLDOWN	POST ATTACHMENT	POST	CAST IN PLACE	POST INSTALLED
HD1	HIT4	(18) 16d x2 1/2"	(2) 2x6	PAB5 6e=8" MIN, F=9"	* 5/8" DIA EPOXY THREADED ROD, 8" MIN EMBEDMENT
HD2	HD08-SDS3	(20) 1/4"x3"	(3) 2x6	PAB7 6e=10" MIN, F=14"	* 7/8" DIA EPOXY THREADED ROD, 15" MIN EMBEDMENT
HD3	HD12	(4) 1" DIA. STUD BOLTS	6x6 POST #1 POST	PAB9 6e=13" MIN, F=19"	---
HD4	HD19	(5) 1" DIA. STUD BOLTS	6x6 D.F. #1 POST	PAB10 6e=14" MIN, F=21"	---

FOOTNOTES:
 * USE WITH INTERIOR MONOLITHIC FOUNDATION WITH 16" MIN. FOOTING WIDTH.
 ** USE WITH INTERIOR MONOLITHIC FOUNDATION WITH 20" MIN. FOOTING WIDTH.
 *** USE WITH INTERIOR MONOLITHIC FOUNDATION WITH 24" MIN. FOOTING WIDTH.

TYPICAL HOLDOWN NOTES:

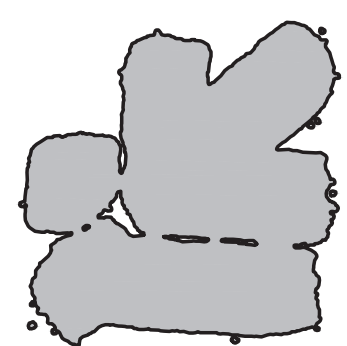
- ALL HOLDOWNS TO BE SIMPSON HOLDOWNS UNLESS APPROVED OTHERWISE IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD.
- INSTALL HOLDOWNS PER MANUFACTURER'S RECOMMENDATIONS.
- INSTALL 1-#4 HOOKED DWEL EACH SIDE OF HOLDOWN/ANCHOR AND 1 HORIZONTAL #4 3 - 5 INCHES FROM TOP OF CONCRETE.
- ALL POSTS MUST BE D.F. LARCH #2 OR BETTER.
- ALL ANCHOR INSTALLATIONS REQUIRE SPECIAL STRUCTURAL INSPECTION.

COLUMN SCHEDULE (C_)

MARK	SIZE	BASE CONNECTION	NOTES
C1	HSS5x5x1/4	5/8"x12"x12" WITH (4) 3/4" DIA. ANCHOR BOLTS	---

WOOD POST SCHEDULE (P_)

MARK	SIZE	NAILING	WOOD GRADE
P1	6x6	---	D.F. #2



IRKAA
 2238 EAST THOMAS ROAD, PHOENIX, ARIZONA 85016
 602-955-3900
 RIAA.COM



OWNER CHANGES
 CITY COMMENTS
 DATE: 08-22-24
 FOUNDATION PLAN

NOTES OF ALTERNATE BILLING OR PAYMENT CYCLE: THE CONTRACTOR SHALL ALLOW THE OWNER TO REQUIRE THE SUBMISSION OF BILLING OR PAYMENT CYCLE ESTIMATES IN BILLING CYCLES OTHER THAN THIRTY DAYS. THE CONTRACTOR SHALL HAVE POWER TO MAKE A WRITTEN CERTIFICATION AND APPROVAL OF BILLING AND ESTIMATES A WRITTEN DESCRIPTION OF SUCH OTHER BILLING CYCLE APPLICABLE TO THE PROJECT IS AVAILABLE FROM OWNER OR DESIGNER AGREEMENT.

NEW COMMERCIAL PAD
 PAD 58 AT PASO LINDO SHOPPING CENTER
 NEC OF ARIZONA AVE AND OCOTILLO RD.
 CHANDLER, AZ
CONSTRUCTION SET_11-12-24

design by: **LV**
 drawn by: **GS**
 checked by: **GS**
S2.1
 project #: **23057**

Simply Structural Inc.
 #24-121 ENG:GS
 602-443-0303
 730 N. 52nd Street, Suite 105
 Phoenix, Arizona 85008
 mwilda@simplystructural.com