

GENERAL FOUNDATION NOTES

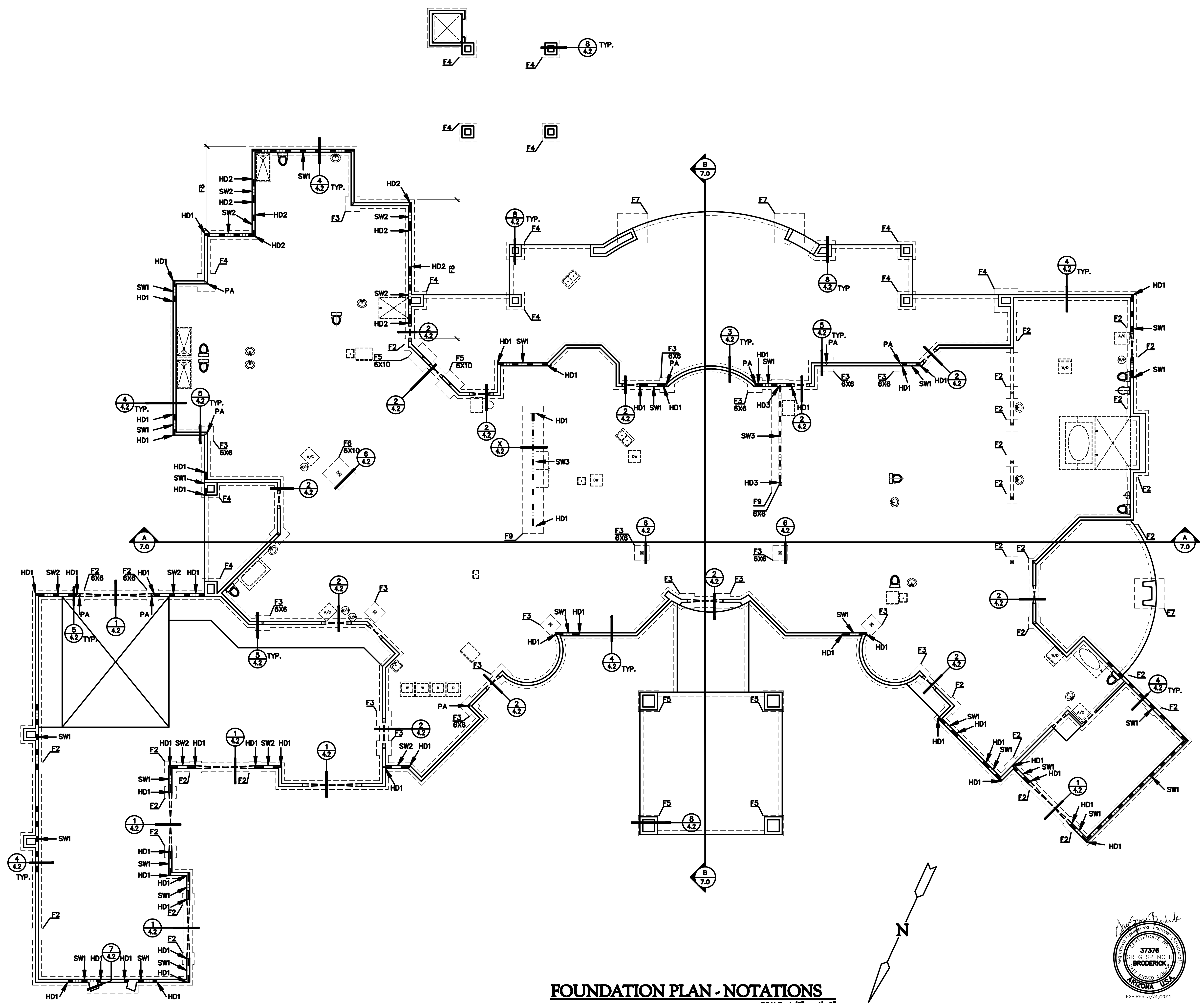
- ALL BEARING FOOTINGS, PADS, & PIERS SHALL BE SET ON UNDISTURBED SOIL OR ON ENGINEERED COMPACTED FILL, OR PER REPORT PER SUB-DIVISION.
- FOOTINGS & STEMS: CONT. FTGS. ARE 18"x 8" w/ CONT. #4 REBAR. STEMS ARE 6"W EXCEPT WHERE NOT OTHERWISE. SEE SPECIFIC DETAILS.
- POSTS, SUPPORTING BEAMS OR TRUSSES:
  - 6" WALLS USE (3)2X8 OR 6X6 POST
  - 4" WALLS USE (3)2X4 OR 4X6 POSTPA INDICATES HOLDOWN POSITION RELATIVE TO POST OR MULTIPLE 2"x 8" AS A POST. HOLDOWNS SHALL BE SET SO AS TO WORK W/2 STUDS @ EACH END & A.B.'S PLACED W/ IN 6" OF EACH END OF EACH SHEAR WALL SECTION.
- BOTTOM/SILL PLATES: FOUNDATION REDWOOD OR TREATED WOOD.
- GARAGE DOOR ENDWALLS: EA. ENDWALL SECTION TO HAVE STD10 HOLDOWN TO DBL 2x8 or 4x6 POST w/ FULL NAILING (20-16d); SHEATH ENTIRE WALL w/ 3/8" OSB PLYWOOD. RETROFIT: IF STD10 IMPROPERLY SET, USE HTT22 w/ 5/8" dia HILTI 'KwikBolt'
- SLAB PENETRATION(S): VOIDS AROUND PENETRATION(S) SHALL BE SEALED w/ AN APPROVED SEALANT APPLIED TO A THOROUGHLY CLEANED & PREPARED SURFACE(S).
- LANDINGS AT ALL DOOR LOCATIONS SHALL HAVE A MAXIMUM SLOPE OF 1/4" PER FOOT.
- GAS LINES: ARE NOT PERMITTED TO BE PLACED IN OR UNDER CONCRETE SLABS, IN ISLAND STRUCTURES INTERIOR OF STRUCTURE AND SHALL CONFORM TO U.P.C. CHAPTER 12.
- USER: 20ft. (min.) #4 COPPER WIRE BURIED IN FOOTER OR STEM, w/ EXIT BELOW MAIN ELECT. METER & W/IN 3ft. (Horiz. Dist.) OF THE VERTICAL C/L OF THE PANEL. CLAMP COPPER TO A PIECE OF REBAR @ LEAST 20ft LONG, WITH A BRASS GROUNDING CLAMP.
- FIXTURES SHOWN ON PLAN ARE 'GENERIC' & DO NOT NECESSARILY REPRESENT ANY PARTICULAR 'MAKE', 'MODEL' OR 'MFR'.
- PLUMBING:
  - SOLDER & FLUX TO HAVE LEAD CONTENT LESS THAN 0.2% WHEN USED FOR INSTALLATION /REPAIR OF PLUMBING USED FOR POTABLE WATER &/OR CONNECTED TO PUBLIC WATER SYSTEMS
  - FLOW:
    - WATER CLOSET: 1.6 GAL./FLUSH (MAX)
    - SHOWER HEADS: 2.75 GAL./MINUTE (MAX)
    - LAVATORY SINK: 3 GAL./MINUTE (MAX)
    - HOT WATER TO BE 'LEFT FITTING' @ FAUCETS
  - TEMP. & PRESSURE RELIEF LINE: 3/4" COPPER TUBING OR STEEL PIPE; TERMINATE NOT LESS THAN 6" nor MORE THAN 24" A.F.F. IN DOWN POSITION; @ EXTERIOR OF BLDG, NOT OVER PATIO, WALKWAY, CARPORT, OR SIMILAR AREAS.
  - PLUMBING MATERIALS:
    - WASTE AND VENT SYSTEM: USE ABS OR PVC SCHEDULE 40
    - WATER LINES BELOW SLAB: USE COPPER TUBING TYPE L WITH NO JOINTS
    - WATER LINES ABOVE HEAD: COPPER TYPE M
    - GAS LINES: WROUGHT IRON OR STEEL (GALVANIZED OR BLACK)
- METER LOCATION: TO BE APPROVED BY POWER COMPANY HAVING JURISDICTION.
- SEE ELECTRICAL PLAN FOR FLOOR RECEPTACLES, OR OTHER ELECTRICAL WHICH MAY NEED TO BE PLACED IN FLOOR.

NOTE:  
PROVIDE (2) 2 x 6 STUDS UNDER ALL HEADERS, GIRDERS, BEAMS LESS THAN 10'-0" IN LENGTH.  
PROVIDE (3) 2 x 6 STUDS UNDER ALL HEADERS, GIRDERS, BEAMS GREATER THAN 10'-1" TO 16'-0" IN LENGTH. SEE PLAN FOR 6 x 6 ADN 6 x 10 WOOD POST.

FOOTING SCHEDULE:  
F1: 1'-6" WIDE x 10" THICK WITH (2) #4 CONTINUOUS  
F2: 2'-0" SQ. x 12" THICK WITH (3) #4 EACH WAY  
F3: 2'-6" SQ. x 12" THICK WITH (3) #4 EACH WAY  
F4: 3'-0" SQ. x 12" THICK WITH (4) #4 EACH WAY  
F5: 3'-6" SQ. x 12" THICK WITH (4) #4 EACH WAY  
F6: 4'-0" SQ. x 12" THICK WITH (5) #4 EACH WAY  
F7: 5'-0" SQ. x 12" THICK WITH (6) #4 EACH WAY  
F8: 3'-0" WIDE x 12" THICK WITH (3) #4 CONTINUOUS  
F9: 3'-6" WIDE x 18" THICK WITH (4) #4 CONTINUOUS

SHEAR WALLS:  
SW1: 3/8" PLYWOOD/OSB WITH 8d AT 6-12 WITH 1/2" DIA. ANCHOR BOLTS AT 32" O.C.  
SW2: 3/8" PLYWOOD/OSB WITH 8d AT 4-12 WITH 1/2" DIA. ANCHOR BOLTS AT 24" O.C.  
SW3: 3/8" PLYWOOD/OSB WITH 8d AT 3-12 WITH 5/8" ANCHOR BOLTS AT 32" O.C.  
NOTE: WRAP ENTIRE EXTERIOR WITH SHEAR WALL SW1, U.N.O.

HOLD-DOWN:  
HD1: SIMPSON HTT16 WITH 5/8" DIA ANCHOR BOLT WITH 12" EMBEDMENT  
HD2: SIMPSON HTT22 WITH 5/8" DIA ANCHOR BOLT WITH 12" EMBEDMENT  
HD3: SIMPSON HDQ8 WITH 7/8" DIA BOLT WITH 16" EMBEDMENT WITH 1/4" x 3 x 3 x PLATE WASHER



FOUNDATION PLAN - NOTATIONS  
SCALE: 1/8" = 1'-0"

