FOUNDATION PLAN

1 / S101

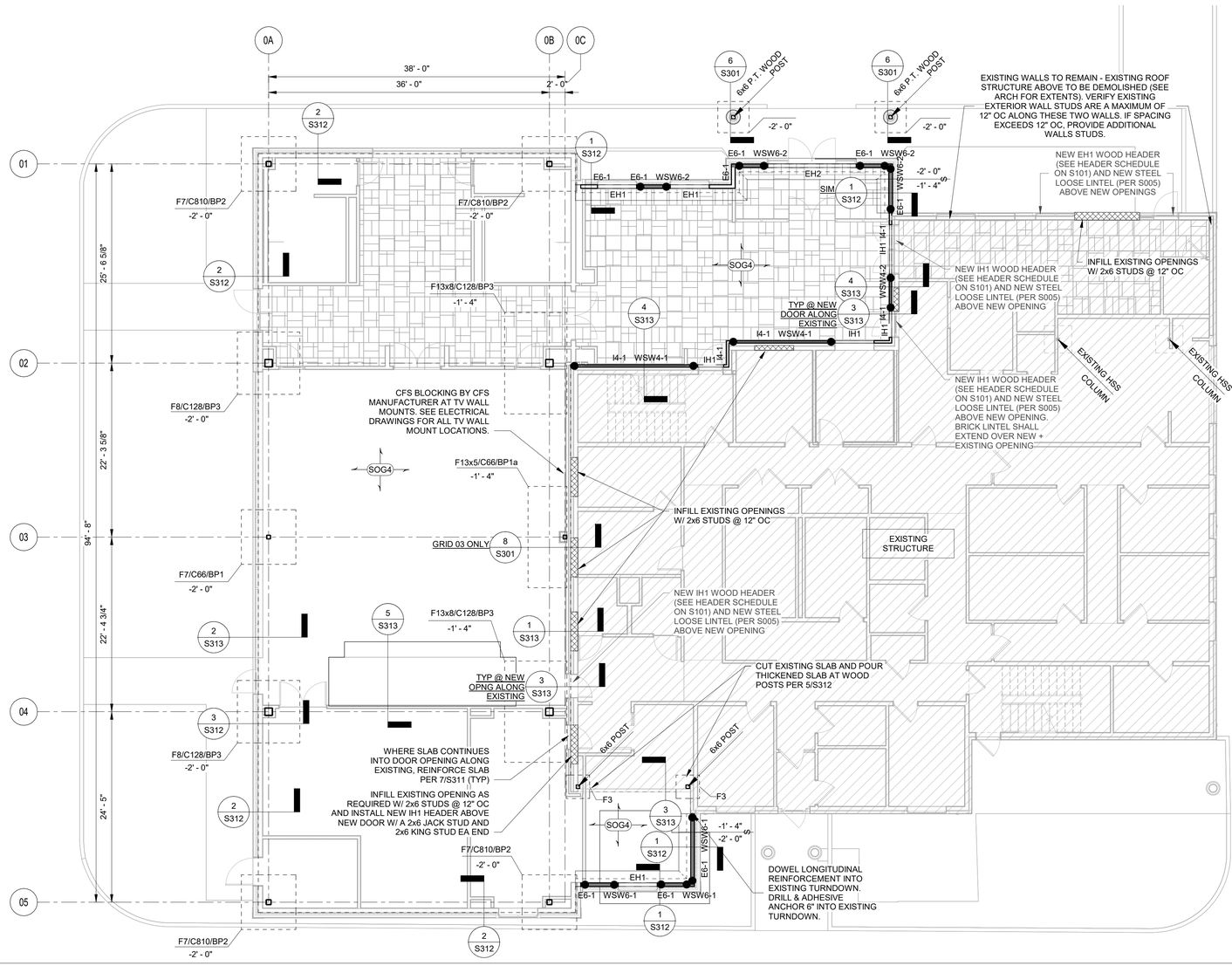
SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES:

1. SOG4 — 4" CONCRETE SLAB-ON-GROUND REINFORCED W/ 3 PCY MACRO-SYNTHETIC FIBERS OVER CRUSHED STONE BASE PER GEOTECHNICAL RECOMMENDATIONS (SEE ARCH FOR VAPOR RETARDER LOCATIONS).
   T/SLAB = SEE CIVIL
   REF T/SLAB = 0'-0"
2. BASE PLATE MARK (SEE 5/S301)
   COLUMN MARK (SEE SCHEDULE ON THIS SHEET)
   FOUNDATION MARK (SEE SCHEDULE ON THIS SHEET) — F# / C# / BP# - #' - #"
   TOP OF FOOTING ELEVATION
3. SUBMIT PROPOSED SLAB-ON-GROUND CONSTRUCTION OR CONTRACTION JOINT LOCATIONS. FOR SCHEMATIC CJ PLAN - SEE 1/S311
4. FOR TRENCHES ADJACENT TO FOUNDATIONS - SEE 1/S301
   FOR PIPING PASSING UNDER WALL FOUNDATIONS - SEE 2/S301
   PIPING PASSING UNDER FOOTING SHALL BE PLACED AND INSPECTED BEFORE FOUNDATIONS ARE PREPARED.
5. GENERAL CONTRACTOR SHALL COORDINATE PLUMBING AND UTILITIES LOCATIONS WITH FOUNDATIONS AS NEEDED. ADDITIONALLY GC SHALL COORDINATE FOUNDATION ELEVATIONS WITH PLUMBING AND UTILITIES AS NEEDED. FORWARD ANY FOUNDATION LOCATION CHANGE REQUESTS TO STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL.
6. DENOTES STEP IN FOUNDATION - SEE 3/S301
7. SEE ARCHITECTURAL DRAWINGS FOR:
   - ALL SLOPED SLAB AREAS (MAINTAIN SLAB THICKNESS NOTED ON PLAN AS A MINIMUM IN ALL AREAS).
   - ALL DEPRESSED SLAB AND/OR RAISED SLAB AREAS. (MAINTAIN SLAB THICKNESS NOTED ON PLAN AS A MINIMUM IN ALL AREAS).
   - ALL DIMENSIONS NOT SHOWN. VERIFY ALL DIMENSIONS SHOWN IN STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS AND REPORT ANY DISCREPANCIES OR DIMENSIONS NOT SHOWN ON ARCHITECTURAL DRAWINGS FOR CLARIFICATION.
8. DENOTES STEP IN TOP OF SLAB - SEE 3/S311

WOOD WALL PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR EXTENTS AND DIMENSIONS NOT SHOWN. SOME NON-STRUCTURAL WALLS MAY NOT BE SHOWN FOR CLARITY.
2. x#-# — DENOTES LOAD-BEARING WOOD STUD WALLS - SEE SCHEDULE ON THIS SHEET.
3. WSW#-# — DENOTES WOOD SHEAR WALL - SEE SCHEDULE ON THIS SHEET.
4. #H# — DENOTES WOOD HEADER AT DOOR OR WINDOW OPENINGS - SEE SCHEDULE ON THIS SHEET. FOR TYPICAL ELEVATION AND REQUIRED HARDWARE - SEE 3/S201
5. FOR PENETRATION THROUGH TYPICAL WALL STUDS - SEE 6/S611
6. ● DENOTES SHEAR WALL HOLD DOWN AT END OF SHEAR WALL. SEE SHEAR WALL SCHEDULE ON THIS SHEET AND DETAILS 1/S611 & 4/S312 FOR ADDITIONAL INFORMATION.
7. FOR WALL UPLIFT HARDWARE AND FASTENING REQUIREMENTS - SEE ---/01
8. FOR BRACING TOP OF INTERIOR NON-LOAD BEARING WOOD PARTITION WALLS - SEE DETAIL 8/S601



COLUMN SCHEDULE

MARK	SIZE
C54	HSS5x5x1/4
C66	HSS6X6X3/8
C810	HSS8X8X5/8
C128	HSS12x12x1/2

FOUNDATION SCHEDULE

MARK	LENGTH	WIDTH	THICKNESS	BOTTOM REINFORCEMENT	TOP REINFORCEMENT
F3	3' - 0"	3' - 0"	1' - 0"	(4)-#4 EW, HOOKED EA END	--
F7	7' - 0"	7' - 0"	1' - 2"	(7)-#6 EW	(7)-#6 EW
F8	8' - 0"	8' - 0"	2' - 0"	(8)-#7 EW	(8)-#6 EW
F13x5	13' - 0"	5' - 0"	1' - 2"	(9)-#7 (LW); (13)-#6 (SW)	--
F13x8	13' - 0"	8' - 0"	1' - 8"	(12)-#7 (LW); (14)-#7 (SW)	(12)-#7 (LW); (14)-#7 (SW)

WOOD WALL STUD SCHEDULE

MARK	LOCATION	STUD SIZE & SPACING LEVEL 1 - ROOF
E6-1	EXTERIOR WALL	2x6 @ 12" OC
I4-1	INTERIOR WALL	2x4 @ 16" OC

LOAD BEARING WOOD HEADER SCHEDULE

MARK	LEVEL 1 - ROOF HEADER	JACK STUDS	KING STUDS
EH1	(3) 2x8	2x6	(3) 2x6
EH2	LVL (3) 1 3/4 x 11 7/8	(2) 2x6	(4) 2x6
IH1	(2) 2x10	2x4	(2) 2x4

NOTES:

1. ALL HEADERS AND STUDS ARE TYPICAL UNLESS NOTED OTHERWISE ON PLAN.
2. USE 2x6's FOR JACK AND KING STUDS INSTEAD OF 2x4's IF WALLS ARE 2x6 WALLS.

WOOD SHEAR WALL SCHEDULE

MARK (SEE PLAN)	LEVEL	SHEATHING	FASTENING (8d COMMON NAILS) EDGE	FASTENING (8d COMMON NAILS) FIELD	SILL PLATE ANCHORAGE	SIMPSON HOLD-DOWN AT END OF SHEARWALL AT LEVEL 1	STUD PACK @ ENDS OF WALL 2x4	STUD PACK @ ENDS OF WALL 2x6	SHEAR WALL TRUSS LOAD IN PLF (SEE DETAIL 5/S611)	SHEAR WALL TRUSS FASTENING @ TOP AND BOT CHORD (SEE DETAIL 5/S611)	SHEAR WALL TRUSS SPACING
WSW6-1	1	7/16" OSB	6" OC	12" OC	5/8" x 7" EMBED ANCHOR @ 48" OC	HDUE5	-	(2)	195	(4) 8d COMMON NAILS OR @ 6" OC (TC); (2) SIMPSON A23 CLIPS OR @ 12" OC (BC)	BETWEEN EA TRUSS
WSW6-2	1	7/16" OSB	4" OC	12" OC	5/8" x 7" EMBED ANCHOR @ 36" OC	HDUE5	-	(2)	335	(6) 8d COMMON NAILS (TC); (2) SIMPSON A23 CLIPS OR @ 12" OC (BC)	BETWEEN EA TRUSS
WSW4-1	1	7/16" OSB	6" OC	12" OC	5/8" x 7" EMBED ANCHOR @ 48" OC	HDUE3	(2)	-	85	CROSS BRACING (SEE DETAIL 7/S611)	BETWEEN EA TRUSS
WSW4-2	1	7/16" OSB	4" OC	12" OC	5/8" x 7" EMBED ANCHOR @ 36" OC	HDUE7	(6)	-	335	8d COMMON NAILS @ 4" OC (TC); (2) SIMPSON A23 CLIPS OR @ 12" OC (BC)	BETWEEN EA TRUSS

GENERAL SHEAR WALL NOTES:
1. PROVIDE 2x BLOCKING AT ALL PANEL EDGES - SEE DETAIL 3/S611
2. CONFORM TO MATERIAL REQUIREMENTS IN GENERAL NOTES & PROJECT SPECIFICATIONS. WHERE GENERAL NOTES CONNECTION REQUIREMENTS VARY FROM THIS TABLE, THIS TABLE CONTROLS.
3. ATTACH PRE-FABRICATED STRAPS, ANCHORS, & HOLD-DOWNS PER MANUFACTURER'S RECOMMENDATIONS TO DEVELOP FULL LOAD CAPACITY.
4. SEE WOOD FRAMING NOTES ON S006 FOR ATTACHMENT AT OTHER LOCATIONS.
5. SEE PLANS FOR LOCATIONS OF SHEAR WALLS.
6. SEE LOAD BEARING STUD SCHEDULE FOR STUD SIZE AND SPACING. WHERE STUD PACKS ARE SHOWN ON PLANS AND IN DETAILS, SCHEDULED SPACING SHALL BE INTERRUPTED IN ORDER TO MAINTAIN CONTINUOUS LOAD PATH.
7. WHERE 8d NAILING IS 2" OC OR LESS AND WHERE 10d NAILING IS 3" OC OR LESS, 3x MEMBERS ARE REQUIRED AT PANEL EDGES. ALTERNATIVELY, PROVIDE (2) 2x MEMBERS AT PANEL EDGES.
8. SEE S202 FOR TYPICAL SHEAR WALL ELEVATION.
9. SEE 2/S611 FOR TYPICAL ROOF SHEATHING FASTENING.

HOLD-DOWN SYSTEM NOTES (SIMPSON):
1. SEE WALL TYPE PLANS FOR ALL ANCHOR LOCATIONS.
2. SEE1/S611 FOR PLAN DETAIL AT CORNER AND "T" WOOD WALL INTERSECTIONS.
3. SEE S201 FOR TYPICAL UPLIFT SYSTEM ELEVATION.

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PES GEORGIA LICENSE NUMBER: PEF000799
EXPIRATION DATE: 6/30/2028

Brown AND Caldwell
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wendel

CONSTRUCTION DOCUMENTS
07/01/2026

NCWSA — NEWTON COUNTY WATER & SEWERAGE AUTHORITY

NCWSA OFFICE ADDITION

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
CHECKED:
APPROVED: Approver

FILENAME

BC PROJECT NUMBER
616202
CLIENT PROJECT NUMBER

FOUNDATION PLAN

DRAWING NUMBER
S101

Plot Date: 7/1/2026 12:51:35 PM Path: Autodesk Docs://NCWSA Admin Bldg_ V25/0250683-NCWSA Office Addition-R25-STRUCT.rvt