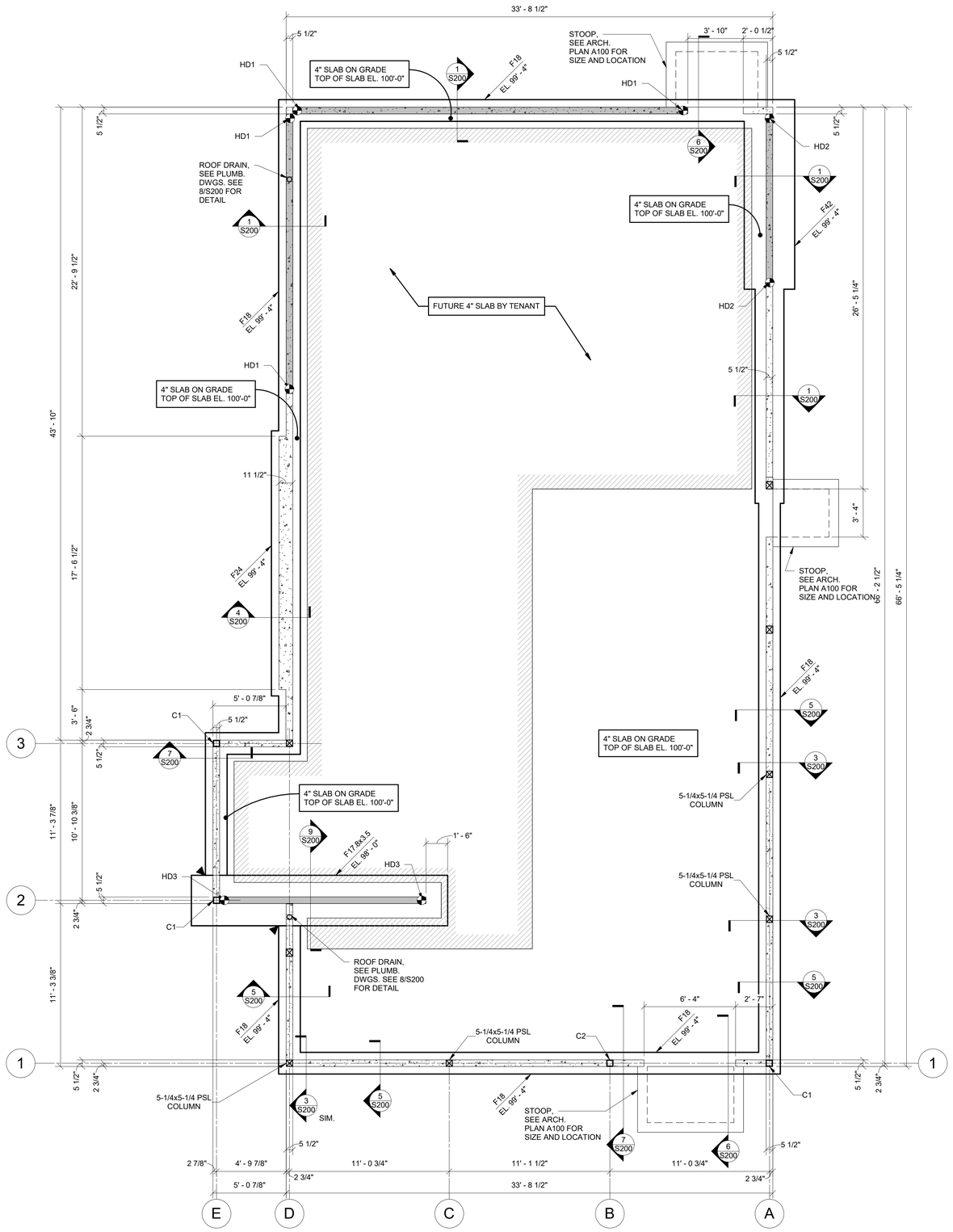
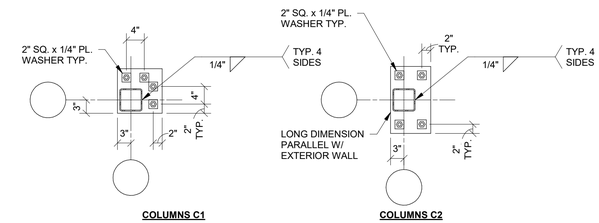


FOUNDATION PLAN

1/4" = 1'-0"

COLUMN SCHEDULE			
MARK	SIZE	BASE PLATE	ANCHOR BOLT
C1	HSS5x5x1/4	1" x 10" x 10"	(4)1"Ø x 18 LG. W/ DBL. NUT BOTTOM
C2	HSS5x5x1/4	1" x 15" x 9"	(4)1"Ø x 18 LG. W/ DBL. NUT BOTTOM



COLUMNS C1 **COLUMNS C2**

SHEARWALL HOLDOWN SCHEDULE		
MARK	HOLDOWN (LOCATE EA. END)	SHEARWALL BOUNDARY END STUDS/POSTS
HD1	HDU2-SDS2.5	2
HD2	HDU4-SDS2.5	2
HD3	HDU14-SDS2.5	6x6

SHEARWALL SCHEDULE NOTES:

1. ALL HOLDOWNS INDICATED ARE MANUFACTURED BY SIMPSON STRONG TIE®. FOLLOW ALL MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.
2. 'BOUNDARY END STUDS' ARE STUD PACKS OR COLUMNS LOCATED AT THE EACH END OF SHEARWALLS. STUDS SHALL BE OF SAME SIZE AND MATERIAL WITH THE WALL THEY ARE INTEGRAL WITH. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM 'PSL' MATERIAL STANDARDS.
3. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONAL LENGTHS OF ALL WALLS INDICATED AS SHEARWALLS. LOCATE BOUNDARY END STUDS/POSTS AT THE END OF WALLS MARKED AS SHEAR WALLS. SEE DETAIL BLOW UPS OF WALL INTERSECTIONS AND LOCATION OF STUD/POSTS.

CONT. WALL FOOTING SCHEDULE			
MARK	WIDTH	THICKNESS	REINFORCING
F18	1' - 6"	2' - 0"	(2) #5 CONT. TOP & BOTTOM
F24	2' - 0"	2' - 0"	(2) #5 CONT. TOP & BOTTOM
F42	3' - 6"	2' - 0"	(3) #5 CONT. TOP & BOTTOM

SPREAD FOOTING SCHEDULE				
MARK	WIDTH	LENGTH	THICKNESS	REINFORCING
F17.8x3.5	3' - 6"	17' - 9"	2' - 0"	(6) #5 TOP & BOTTOM LONG WAY, #5 TOP & BOTTOM @ 12" O.C. SHORT WAY

FOUNDATION NOTES

1. DESIGN SOIL BEARING PRESSURE = 2500 PSF. SEE S000 FOR REFERENCE SOILS REPORT INFORMATION. REFERENCE THIS REPORT FOR ANY REQUIRED SITE BUILDING PAD PREPARATION PRIOR TO FOUNDATION AND/OR SLAB-ON-GRADE CONSTRUCTION. FOOTING EXCAVATIONS MAY BE REQUIRED TO EXTEND THROUGH EXISTING FILL REGIONS IN ORDER TO BEAR ON SUITABLE MATERIAL. OVER-EXCAVATIONS ARE TO BE FILLED WITH LEAN CONCRETE UP TO THE PLANNED BOTTOM OF FOOTING ELEVATION. PLACE NO CONCRETE PRIOR TO INSPECTION AND APPROVAL OF BEARING SURFACES BY SOILS ENGINEER.
2. KEEP FOUNDATIONS FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH LEAN CONCRETE OR FLOWABLE FILL.
3. BOTTOM OF FOOTINGS ARE TO BE AT LEAST 36-INCHES BELOW THE ADJACENT EXTERIOR FINISHED GRADE FOR FROST PROTECTION.
4. VERIFY LOCATION, SIZE, AND NUMBER OF FLOOR DEPRESSIONS AND SLOOR SLOPES WITH ARCHITECTURAL AND MEP DRAWINGS.
5. ELEVATIONS SHOWN ON FOOTINGS INDICATE ELEVATION AT TOP OF FOOTING. REFERENCE ELEVATION/TOP OF CONCRETE SLAB ELEVATION AS NOTED ON PLANS. COORDINATE ABSOLUTE ELEVATION OF TOP OF SLAB WITH SITE DRAWINGS.
6. NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THE STRUCTURAL DRAWINGS. FOUNDATIONS BUILT PRIOR TO THE INSTALLATION OF UNDERGROUND UTILITIES ARE TO BE STEPPED OR DROPPED COMPLETELY BELOW THE UTILITY DEPTH PER SECTION 3/S001. WHERE UNDERGROUND UTILITIES ARE IN PLACE PRIOR TO FOUNDATION CONSTRUCTION, THEY ARE TO BE ENCASED PER SECTION 4/S001. SEE SECTION 2/S021 FOR TRENCH EXCAVATION AND UTILITY PLACEMENT REQUIREMENTS FOR WORK THAT IS LAID ADJACENT TO FOOTINGS.
7. PROVIDE CORNER BARS AT ALL FOOTING AND CONCRETE WALL INTERSECTIONS PER DETAIL 1/S001.
8. "Cx" INDICATES COLUMN TYPE PER COLUMN SCHEDULE.
9. "HDx" INDICATES SHEARWALL HOLDOWN PER HOLDOWN SCHEDULE.
10. SHADED WALL ABOVE DENOTES SHEARWALL LOCATION. SEE S110 FOR SHEARWALL REQUIREMENTS.
11. DENOTES STEP IN DFOUNDATIONS. SEE DETAIL 12/S002 FOR TYPICAL STEP DETAIL.
12. SEE SHEET S000 FOR GENERAL STRUCTURAL INFORMATION.

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Issue Record:

01.13.21	TENANT/OWNER REVIEW
02.08.21	PERMIT SET

Revisions:

Drawn: CMS
Checked: ARK

Project No.
21.34.003

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FOUNDATION PLAN

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