

STRUCTURAL NOTES

THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS AMONG THE DRAWINGS BEFORE STARTING ANY WORK OR FABRICATION. ANY DISCREPANCIES FOUND AMONG THE DRAWINGS, SITE CONDITIONS, SPECIFICATIONS AND THESE NOTES SHALL BE REPORTED TO THE ARCHITECT/ ENGINEER AT ONCE.

ALL CONSTRUCTION SHALL COMPLY WITH THE 2012 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED BY THE LOCAL BUILDING OFFICIAL.

SAFETY - THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL OSHA AND DOSH SAFETY STANDARDS. THE CONTRACTOR IS IN CHARGE OF ALL SAFETY MATTERS ON AND AROUND THE JOB SITE. PROVIDE TEMPORARY ERECTION BRACING AND SHORING AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION. THE ENGINEER IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION OR SAFETY PRACTICES.

CODE
2012 INTERNATIONAL BUILDING CODE (IBC)

DESIGN LIVE LOADS

FLOOR LOADS - 50 PSF LIVE LOAD OFFICE LOADING
MINIMUM ROOF LIVE LOAD = 20 PSF

SNOW

GROUND SNOW LOAD = 60 PSF
ROOF SNOW LOAD = 50 PSF
SNOW EXPOSURE FACTOR, $C_e = 0.90$
SNOW LOAD IMPORTANCE FACTOR = 1.0
THERMAL FACTOR, $C_t = 1.0$

WIND DESIGN DATA

VELOCITY = 160 MPH HOUR 3 SECOND GUST
IMPORTANCE FACTOR, $I_w = 1.0$
EXPOSURE D
INTERNAL PRESSURE COEFFICIENT, $GCP1 = \pm 0.18$
COMPONENTS AND CLADDING PRESSURES, PER ASCE 7-05

SEISMIC DESIGN DATA

$I_e = 1.0$
 $S_s = 1.75$, $S_1 = 0.67$, $SDS = 0.99$, $SDI = 0.66$
SITE CLASS D
SEISMIC DESIGN CATEGORY D
SEISMIC RESISTING SYSTEM = BEARING WALL, PLYWOOD SHEARWALLS, R = 6.5
SEISMIC BASE SHEAR = $V_s = 610$ KIPS $C_s = 0.183$
EQUIVALENT LATERAL FORCE PROCEDURE

FOUNDATION DESIGN

FOUNDATION BASED ON AN ASSUMED SOIL BEARING PRESSURE OF 2500 PSF, WITH THE EXISTING SOIL TO BE FREE OF ORGANICS, AND NON-FROST SUSCEPTIBLE MATERIAL THROUGHOUT. CONTRACTOR TO NOTIFY OWNER ONCE EXCAVATION HAS BEGUN TO VERIFY WITH A BOTTOM OF THE HOLE INSPECTION THAT THE ACTUAL SITE CONDITIONS COMPLY WITH THESE ASSUMPTIONS. ALL WORK TO BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S FINAL RECOMMENDATIONS AND REQUIREMENTS.

ALL ORGANIC FROZEN OR OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM SUB-GRADE AND REPLACED WITH COMPACTED GRANULAR NON-FROST SUSCEPTIBLE (NF3) FILL. ALL FOOTINGS SHALL BE FOUNDED UPON UNDISTURBED, NATURAL SUB-GRADE OR COMPACTED NF3 BACK FILL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 2500 PSF.

NON FROST SUSCEPTIBLE SOILS SHALL CONSIST OF INORGANIC SOILS CONTAINING LESS THAN 3 PERCENT BY WEIGHT OF PARTICLES SMALLER THAN 0.25MM.

ALL FOOTINGS AND SLAB SUB-GRADES SHALL BE COMPACTED TO 95 % MAXIMUM DENSITY AS MEASURED WITH ASTM D1557. BACK FILL AROUND AND ABOVE ALL FOUNDATION ELEMENTS SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY.

DISCHARGE ROOF RUNOFF AND WATER COLLECTED IN FOUNDATION DRAINS AWAY FROM THE FOUNDATION. PROVIDE SITE DRAINAGE AWAY FROM THE FOUNDATION. PROVIDE FOUNDATION WALL WATERPROOFING/DAMP PROOFING WHEN REQUIRED BY THE CODE AS SHOWN ON THE ARCHITECTURAL PLANS. PROVIDE A FOOTING DRAIN AND WATER REMOVAL SYSTEM FOR BASEMENT FOUNDATION WALLS.

NO CONSTRUCTION SHALL BEGIN UNTIL ALL SEASONAL FROST HAS THAWED OR BEEN REMOVED. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY STEPS TO PREVENT ANY FROST OR ICE FROM FORMING UNDER ANY FOOTING OR SLAB UNTIL THE PERMANENT STRUCTURE IS ENCLOSED AND HEATED.

SPECIAL INSPECTIONS/QUALITY ASSURANCE PROGRAM

SPECIAL INSPECTION IS REQUIRED BY CHAPTER 11 OF THE IBC. OWNER TO ENGAGE THE SERVICES OF A QUALIFIED SPECIAL INSPECTOR. THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION (AT A MINIMUM)

- SOILS COMPACTION, GRADATION, AND FILL.
- CONCRETE REINFORCEMENT INSPECTION, CONTINUOUS DURING PLACEMENT.
- SEISMIC HOLD DOWNS, STEEL AND WOOD LATERAL RESISTING SYSTEMS.
- WOOD BUILDING LATERAL SYSTEMS. INSPECT PRIOR TO COVER, FRAMING SPECIES, SHEATHING TYPE, NAIL AND ANCHOR BOLT TYPE, PLATE WASHERS, SHEAR WALL EDGE NAILING, SHEAR WALL TOP PLATE, TIE DOWN ANCHOR BRACKET TYPE AND LOCATION, HURRICANE CLIPS, STRAPS, DRAG STRUT CONNECTIONS WHERE CALLED OUT.

OWNER IS RESPONSIBLE FOR CONTRACTING W/ THE SPECIAL INSPECTOR. CONTRACTOR TO PROVIDE MINIMUM 5 DAYS ADVANCE NOTICE PRIOR TO COVERING ITEMS TO BE INSPECTED.

CONCRETE

ALL CONSTRUCTION SHALL BE PER THE AMERICAN CONCRETE INSTITUTE ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", AND IBC, LATEST EDITIONS. SUBMIT CHECKED SHOP DRAWINGS SHOWING REINFORCING DETAILS, INCLUDING STEEL SIZES, SPACING AND PLACEMENT PRIOR TO FABRICATION.

MATERIALS:

f'_c FLOOR SLABS 3000 psi
 f'_c OTHER 3000 psi
SLUMP 3" MAX
W/C RATIO - 0.55 MAX
AIR ENTRAINMENT = 5% (WHERE WEATHER EXPOSED)
PORTLAND CEMENT - ASTM C150 TYPE I/J
AGGREGATE, 1" MAX - ASTM C34, SECTION 4.13
EPOXY GROUT - ASTM C898
DEFORMED REINFORCEMENT - ASTM A615 G60
WELDED WIRE FABRIC - ASTM A185 OR A497
NON-SHRINK NONMETALLIC GROUT - ASTM C107

ALL CONCRETE PERMANENTLY EXPOSED TO THE WEATHER SHALL CONTAIN AN AIR-ENTRAINING ADMIXTURE COMPLYING WITH ASTM C260. CHAMFER ALL EXPOSED CORNERS $\frac{3}{4}$ " UNLESS NOTED OTHERWISE. A CURING COMPOUND SHALL BE APPLIED (PER MANUFACTURER'S SPECIFICATIONS) TO ALL EXPOSED CONCRETE SURFACES UPON INITIAL SET OR PULLING OF FORMS.

COLD WEATHER CONCRETE SHALL CONFORM TO ACI 306 (ALL COLD WEATHER CONCRETE SHALL CONTAIN AIR ENTRAINMENT PER ACI TABLE 4.11). CALCIUM CHLORIDE SHALL NOT BE USED. MAINTAIN A MINIMUM OF 45 DEGREES F BEFORE, DURING AND FOR 7 DAYS AFTER ALL CONCRETE PLACEMENT.

ALL CONCRETE REINFORCING SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 318 AND ACI 315. LAP BARS WITH A CLASS B SPLICE AND 40 DIAMETER MINIMUM. MECHANICALLY CONSOLIDATE CONCRETE.

ALL CONDUITS AND PIPES EMBEDDED IN CONCRETE SHALL CONFORM WITH ALL PROVISIONS SPECIFIED IN ACI 318, SECTION 6.3 AND THE FOLLOWING. ALL PIPES AND CONDUITS THRU FOOTINGS AND WALLS MUST BE ISOLATED WITH DIAMETER 4" SLEEVES SPACED NO CLOSER THAN 6" O.C. PIPE AND CONDUITS MAY BE PLACED IN S.O.G. GREATER THAN 45" - DIAMETER MUST NOT EXCEED 15". PLACE IN MIDDLE THIRD OF THICKNESS - DO NOT DISPLACE REINFORCEMENT. SPACE AT 6" O.C. MINIMUM. SLEEVES, MECHANICAL OPENINGS, CONDUITS, PIPES, RECESSES, DEPRESSIONS SHALL BE PROVIDED AS SHOWN ON THE MECHANICAL AND ARCHITECTURAL DRAWINGS AND AS REQUIRED BY THE EQUIPMENT MANUFACTURERS. INSTALLATION OF THESE ITEMS SHALL BE COORDINATED WITH SHOP DRAWINGS OF TRADES REQUIRING THESE ITEMS.

CONCRETE COVER:

FOOTINGS 3", WALLS 1" EXCEPT 1-1/2" WHERE EXPOSED TO WEATHER, AND 2" AGAINST EARTH. SLABS AND JOISTS 1". SLABS ON GRADE 1-1/2". DOUELS SHALL BATCH SIZE AND NUMBER OF MAIN REINFORCING. MINIMUM VERTICAL SPACING OF BARS IN A ROW MAXIMUM 1" OR BASE DIAMETER AND BARS MUST STACK. WELDING OF REINFORCEMENT IS NOT ALLOWED.

FOOTINGS:

PROVIDE REINFORCING AS SHOWN ON THE DRAWINGS. PROVIDE CORNER BARS OF SAME SIZE AND NUMBER AT CORNERS AND INTERSECTIONS, 40 BAR DIAMETERS OR 24" (WHICHEVER IS GREATER) EACH LEG. PROVIDE VERTICAL DOUELS SAME SIZE, NUMBER AND SPACING AS VERTICAL BARS WITH A 90 DEGREE STANDARD HOOK AT THE BOTTOM OF THE FOOTING, UNO.

SLAB ON GRADE:

FLOOR SLAB SHALL BE 4" THICK CONCRETE SLAB ON GRADE OR AS SHOWN ON THE DRAWINGS. REINFORCE SLAB WITH 6X6-W4X14 WELDED WIRE FABRIC, PLACED 1-1/2" FROM TOP OF SLAB. LAP WELDED WIRE FABRIC 6" AND EXCEPT AS SHOWN ON CONTROL JOINT DETAILS. WELDED WIRE FABRIC SHALL BE SUPPORTED ON APPROVED CHAIRS. CONTRACTOR SHALL TAKE SPECIAL CARE TO ASSURE THAT WELDED WIRE FABRIC USED IS SUPPORTED IN ITS PROPER LOCATION. PLACE MIN 6 MIL VAPOR BARRIER OVER PREPARED FILL IMMEDIATELY BENEATH THE SLAB. PROVIDE ONE OF THE FOLLOWING JOINTS ON THE CENTERLINES OF THE COLUMNS, EACH WAY, AND AT OTHER LOCATIONS AS SHOWN ON THE DRAWINGS, MAXIMUM SPACING OF 15': 1) CONSTRUCTION JOINTS WHERE DETAILED ON THE DRAWINGS, 2) SAW CUT CONTROL JOINTS ELSEWHERE (SHALL BE A MINIMUM OF 1/4 OF SLAB THICKNESS). A METAL CONSTRUCTION JOINT FORM MAY BE USED. REMOVE METAL FORMS BEFORE PLACING SECOND POUR.

WALLS:

REINFORCE WALLS AS SHOWN ON THE DRAWINGS.

AT OPENINGS OVER 12" SQUARE, PROVIDE 2 #5 BARS AT CENTER OF WALLS ALL FOUR SIDES, EXCEPT FOR 10" WALLS AND OVER, PROVIDE 1 #6 EACH FACE ALL FOUR SIDES, EXTENDING 40 DIAMETERS PAST OPENING. PROVIDE 1 #5 X 4" DIAGONAL BAR AT CENTER OF WALL AT ALL FOUR CORNERS.

AT CORNERS, PROVIDE CORNER BARS INTO OUTSIDE FACE OF SAME SIZE AND SPACING AS HORIZONTAL BARS, 40 DIAMETERS EACH LEG.

AT INTERSECTIONS, PROVIDE CORNER BARS IN OUTSIDE FACE OF SAME SIZE AND SPACING AS HORIZONTAL BARS OF INTERSECTING WALL, 40 DIAMETERS EACH LEG.

DRILLED IN CONCRETE ANCHOR (DICA)

EXPANSION ANCHORS SHALL BE USED AS SHOWN ON THE DRAWINGS, RANSET TRU-BOLTS OR EQUAL. USE CORROSION RESISTANT FASTENERS. ICBO CERTIFICATION REQUIRED. UNLESS OTHERWISE NOTED, DICA MAY BE INSTALLED WITHOUT SPECIAL INSPECTION.

DRILL IN ADHESIVE BOLTS:

ITU ACRYLIC TIE EPOXY ANCHOR SYSTEM FOR CONCRETE SHALL BE USED, OR APPROVED EQUAL. ICBO CERTIFICATION REQUIRED.
LOW VELOCITY FASTENERS - HILTI CN1 POWDER ACTUATED FASTENER SYSTEM, 0.145" DIAMETER MINIMUM. USE CORROSION RESISTANT FASTENERS. ICBO CERTIFICATION REQUIRED.

WOOD PRODUCTS

ALL LUMBER SHALL BE A MINIMUM OF HP2 FOR ALL BRIDGING, BLOCKING AND FRAMING REQUIRED. MINIMUM FASTENING TO BE PER IBC TABLE 2304.9.1 UNLESS SPECIFICALLY NOTED IN THESE DRAWINGS. PROVIDE POSITIVE CONNECTION UTILIZING SIMPSON HANGERS OR FRAMED BEAM POCKETS TO RESIST VERTICAL AND LATERAL LOADING AT ALL POST CAPS AND BASES, BEARING WALLS.

PLATE CONNECTED TRUSSES - PROVIDE ENGINEERED SHOP DRAWINGS AND CALCULATIONS STAMPED BY AN ALASKAN LICENSED PROFESSIONAL ENGINEER, REVIEWED FOR CONFORMANCE BY THE CONTRACTOR, TO THE OWNER FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION. PROVIDE FULL DEPTH PROPERLY VENTED BLOCKING AT ALL SUPPORTS. NAIL ROOF SHEATHING TO BLOCKS WITH 10d's # 3" O.C. FASTEN BLOCKS TO PLATE WITH 16d TOE NAILS # 6" O.C. PLUS A SIMPSON A35. PROVIDE TRUSS WEB BRIDGING WHERE INDICATED ON THE SHOP DRAWINGS, AND TIE THIS BRIDGING WITH DIAGONAL X-BRACING. BRACE GABLE END TRUSSES PER THE TRUSS PLATE INSTITUTE FRAME AND DETAILS ON THE PLANS. DESIGN PER ROOF DESIGN LOADS ON S02, PROVIDE BOTTOM CHORD DEAD LOAD OF 10 PSF, TOP CHORD DEAD LOAD OF 5 PSF. MAXIMUM DEFLECTION OF L/360 OR 1", WHICHEVER IS LESS. CONTRACTOR TO PROVIDE FOR ANTICIPATED TRUSS UPLIFT # INTERIOR WALLS DUE TO TRUSS SHRINKAGE IN COLD WEATHER W/ STC CLIPS AND SHEETROCK FASTENING.

WOOD I- JOISTS - PROVIDE WOOD I JOISTS AS MANUFACTURED BY BOISE CASCADE, TRUSS JOIST, ROSEBURG OR EQUAL. PROVIDE FULL DEPTH SOLID BLOCKING AT ALL SUPPORTS. COORDINATE ALL HANGERS WITH ACTUAL JOIST SIZE. SUBMIT CONTRACTOR CHECKED ENGINEER SHOP DRAWINGS STAMPED BY AN ALASKAN LICENSED PROFESSIONAL ENGINEER PRIOR TO FABRICATION AND INSTALLATION.

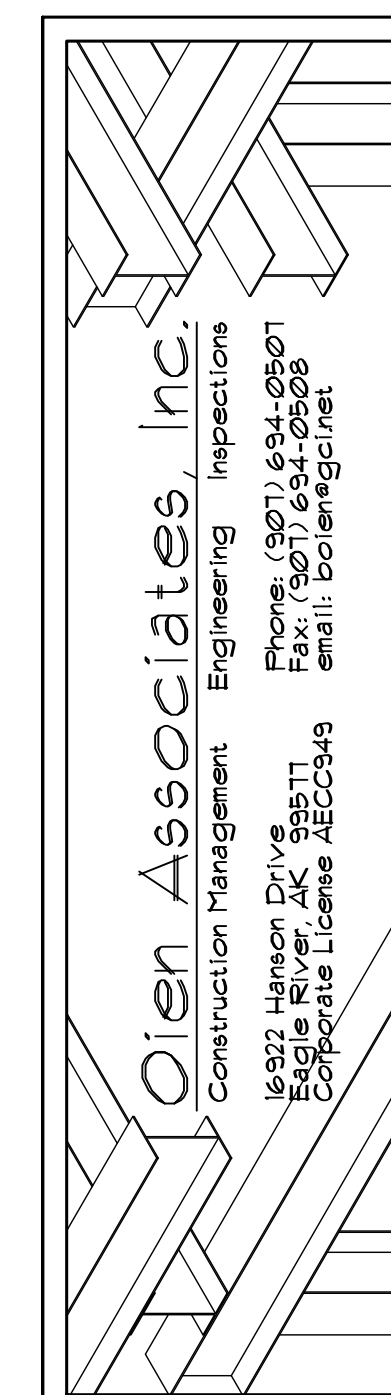
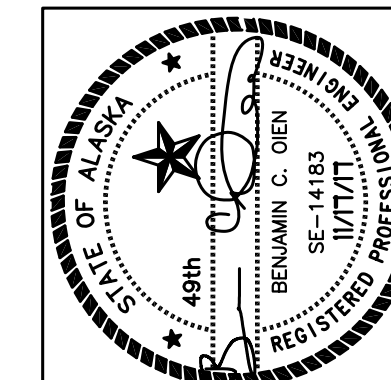
FLOOR SHEATHING - USE APA RATED SHEATHING, TONGUE AND GROOVE, USE #3 SPAN RATING.

GLU LAM BEAMS SHALL BE 24F DF4F WITH $F_b = 2,400$ psi. USE V4 FOR SIMPLE SPANS AND V8 FOR CANTILEVERS OR BEAMS CONTINUOUS OVER SUPPORTS.

ROOF SHEATHING: USE APA RATED SHEATHING. UPPER ROOF SHEATHING WITH SUPPORTS # 24" O.C. USE MINIMUM #3 SHEATHING WITH A 24/16 SPAN RATING, FOR LOWER ROOFS SUBJECT TO SLIDING AND/OR DRIFTING SNOW, USE #3 SHEATHING WITH A SPAN RATING OF 40/10.

WALL SHEATHING: USE APA RATED SHEATHING. PROTECT SHEATHING FROM THE WEATHER UNLESS IT IS RATED FOR EXTERIOR EXPOSURE. PROVIDE FRAMING OR BLOCKING BEHIND ALL PANEL EDGES. PROVIDE MINIMUM 3/8" FROM EDGE TO CENTER OF NAIL. DRIVE NAILS FLUSH, DO NOT OVERDRIVE FASTENERS. PROVIDE FASTENERS PER SHEARWALL SCHEDULE.

ALL WOOD IN CONTACT WITH CONCRETE OR EXPOSED TO THE WEATHER SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH AMERICAN WOOD PRESERVATIVE ASSOCIATION. PROVIDE PRESSURE TREATED FOUNDATION SILL PLATES, PROVIDE 3X3X22 1/2" MIN. PLATE WASHERS FOR FOUNDATION ANCHOR BOLTS.



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NO.	REVISION	DATE
1	FDN CHANGE	8/22/11
2	FLOOR PLAN CHANGE	10/31/11
3	LIFT	11/7/11
4	CLARIFICATION	11/17/11

JOB NO.	63221
DATE	10/31/11
DRAWN	RRJ
REVIEWED	BCO

SHEET TITLE:
STRUCTURAL NOTES

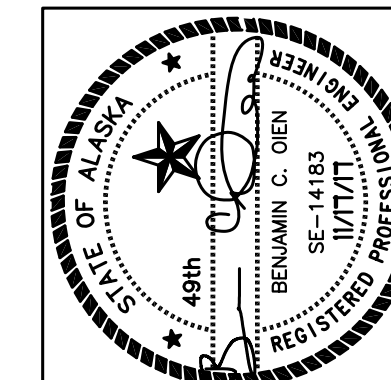
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S0.1

ABBREVIATIONS

B.O.F. - BOTTOM OF FOOTING
E.W. - EACH WAY
IBC - INTERNATIONAL BUILDING CODE
F.O.S. - FACE OF STUD
HDG - HOT DIP GALVANIZED
MFR - MANUFACTURER
PAF - POWER ACTUATED FASTENERS
PEMB - FIRE-ENGINEERED METAL BUILDING
SIM - SIMILAR TO
SIP - STRUCTURAL INSULATED PANELS
TYP - TYPICAL
UNO - UNLESS NOTED OTHERWISE
W.T.E. - WITH THE EXCEPTION
W.W.M. - WELDED WIRE MESH

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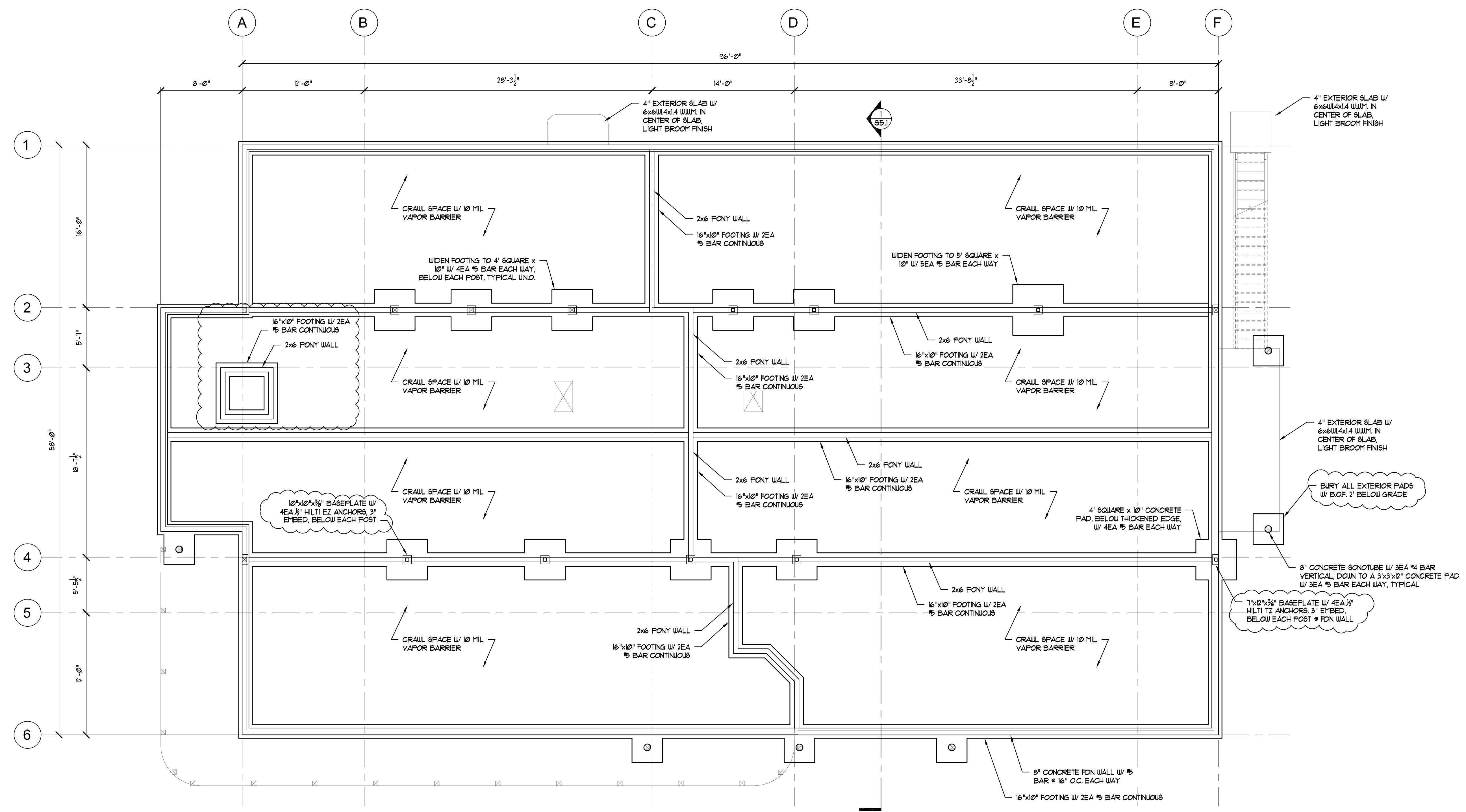
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SHEET TITLE:
 FOUNDATION PLAN

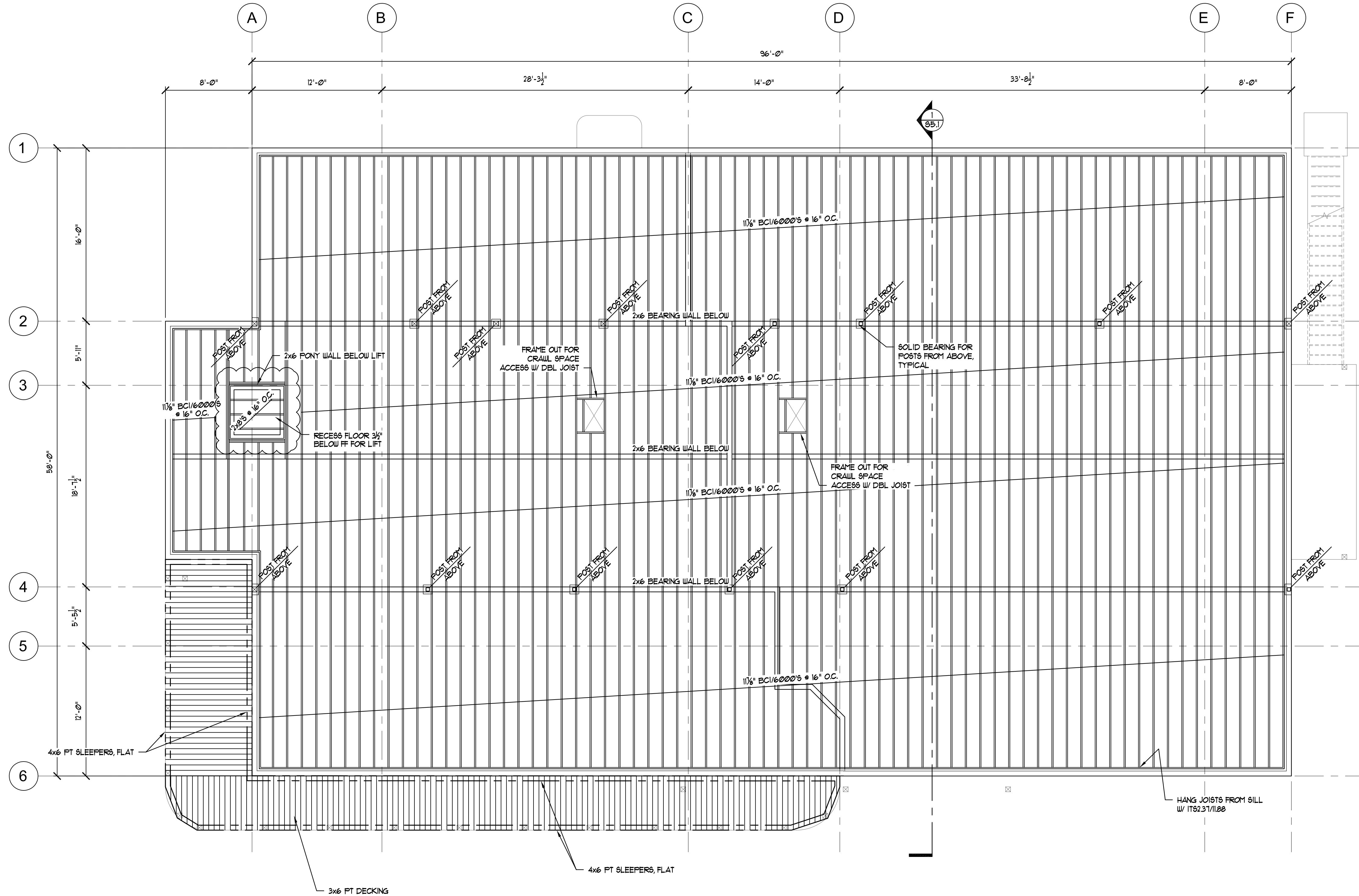
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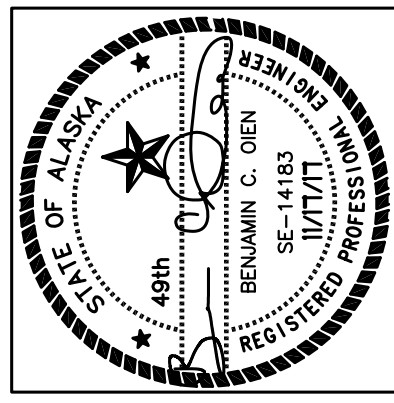
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Foundation Plan
 Scale: 3/8" = 1'-0"

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821 First Floor Framing Plan
Scale: 3/8" = 1'-0"



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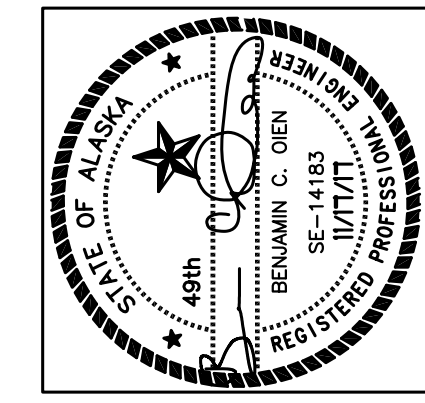
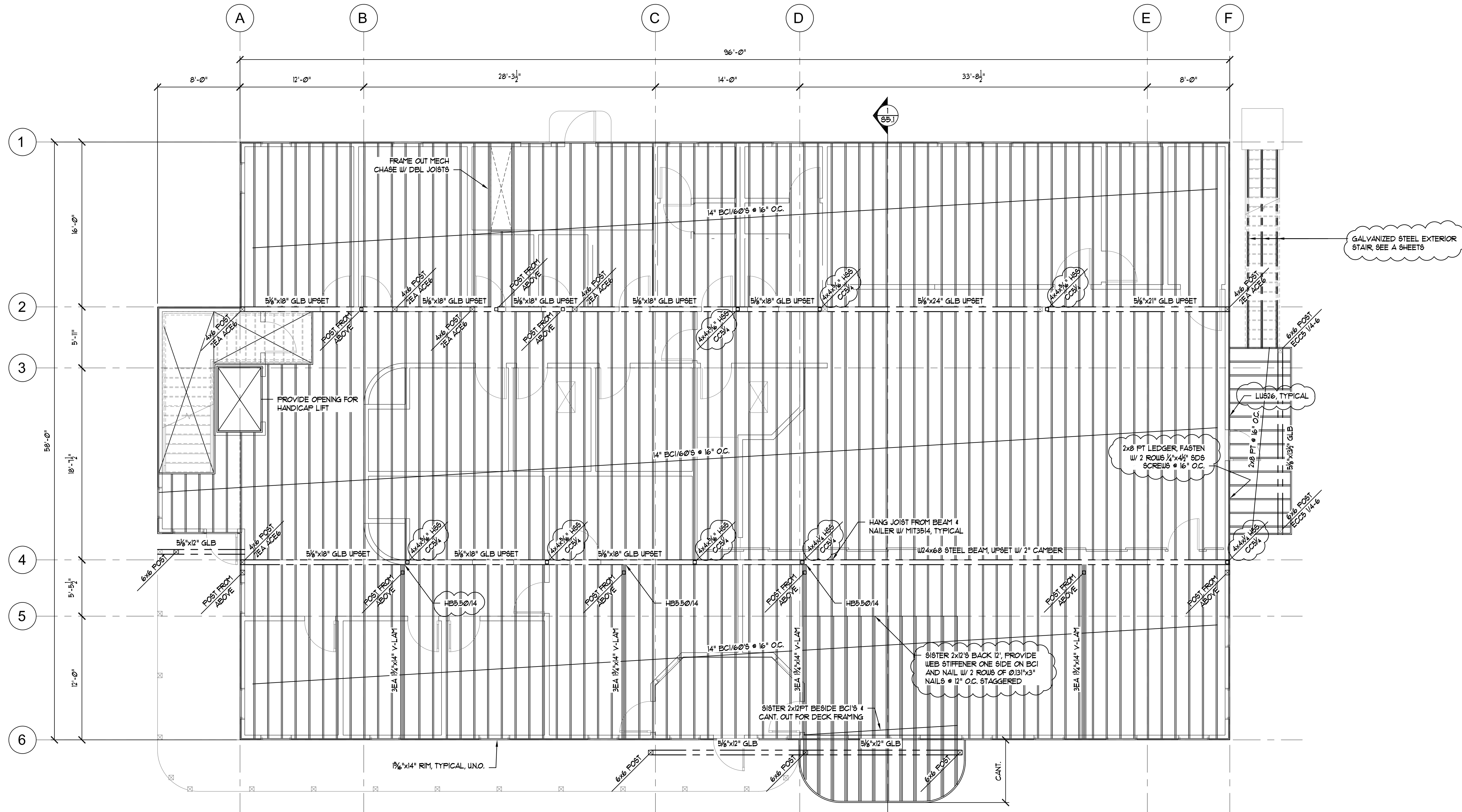
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SHEET TITLE:
FIRST FLOOR FRAMING PLAN

SHEET NO.
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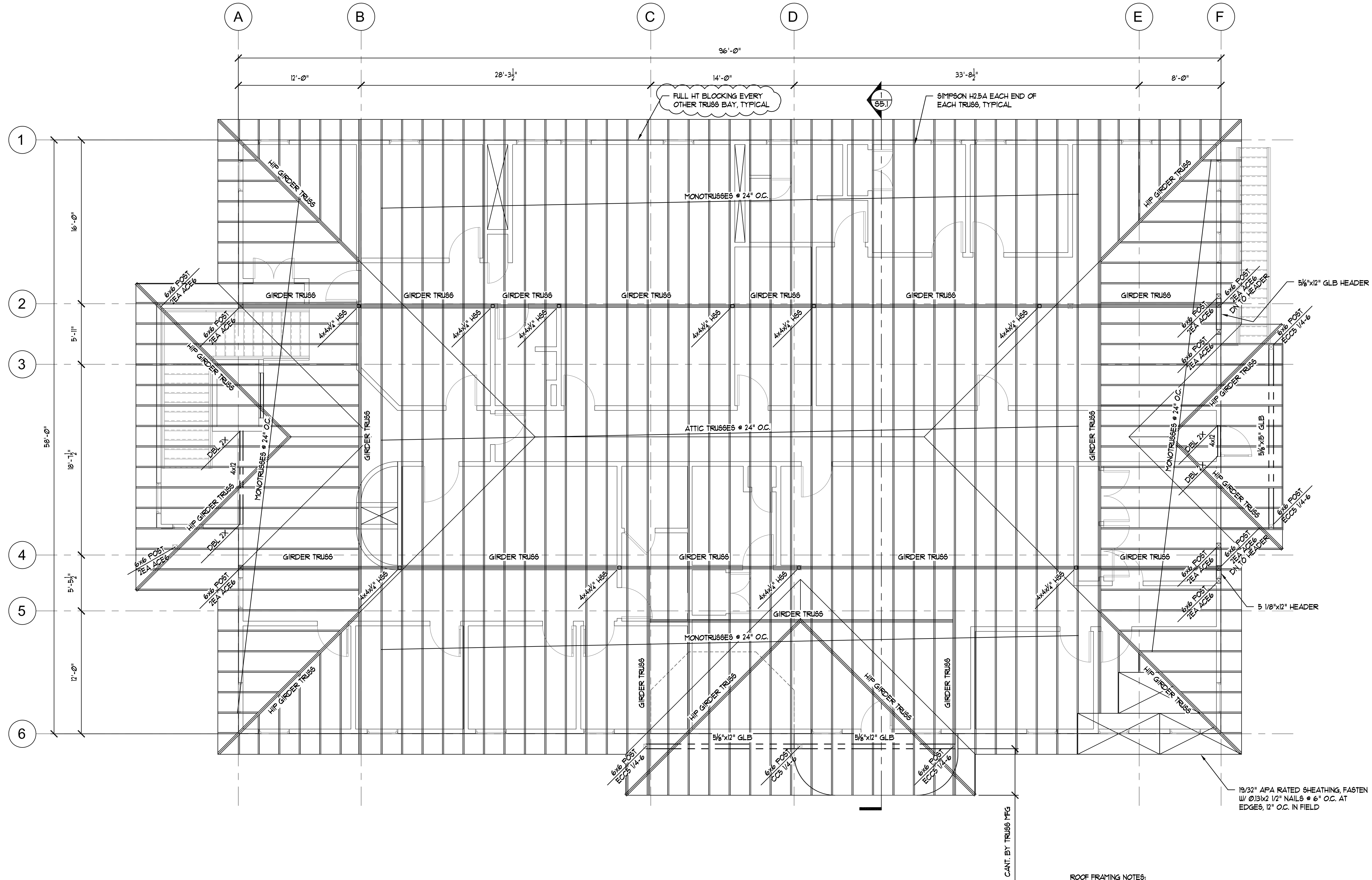
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SHEET TITLE:
 SECOND FLOOR FRAMING PLAN

SHEET NO.
S2.2

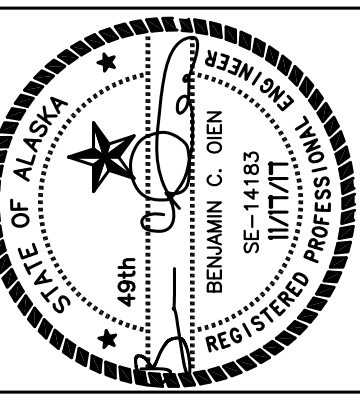
Second Floor Framing Plan
 Scale: 3/8" = 1'-0"

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- ROOF FRAMING NOTES:**
- ALL HEADERS TO BE 1 1/2"x3" V-LAM, UNO.
 - LAYOUT IS SCHEMATIC, FINAL LAYOUT BY TRUSS MFG.
 - PROVIDE ALL BRACING PER TRUSS MFG SHOP DRAWINGS.
 - PROVIDE CCO BUCKET # ALL HSS POSTS TO GIRDER TRUSSES, COORDINATE W/TRUSS SHOP DRAWINGS.

Roof Framing Plan
Scale: 3/8" = 1'-0"



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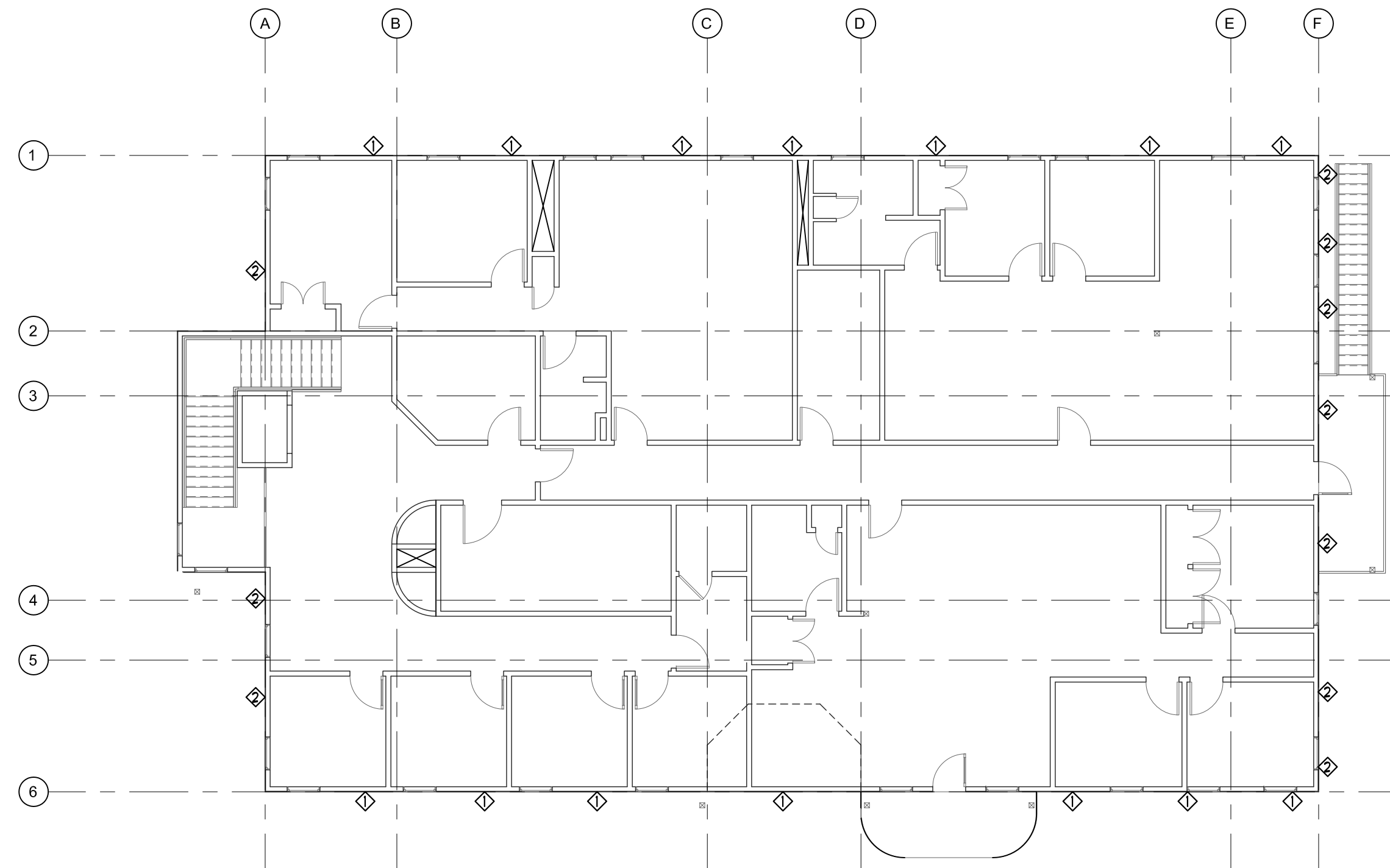
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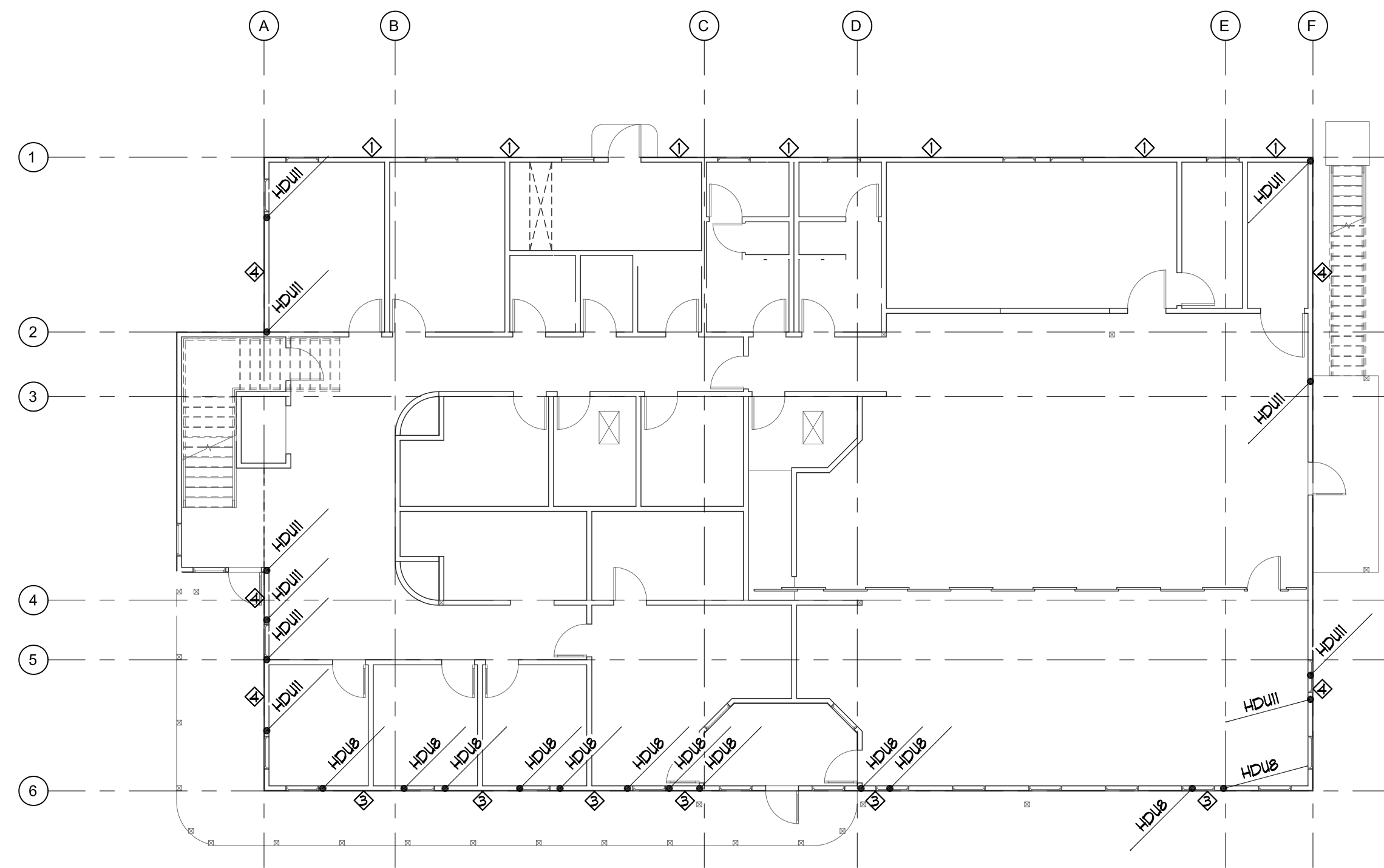
SHEET TITLE:
ROOF FRAMING PLAN

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S3.1

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2
S4.1 Second Floor Shear Plan
Scale: 3/8" = 1'-0"



1
S4.1 First Floor Shear Plan
Scale: 3/8" = 1'-0"

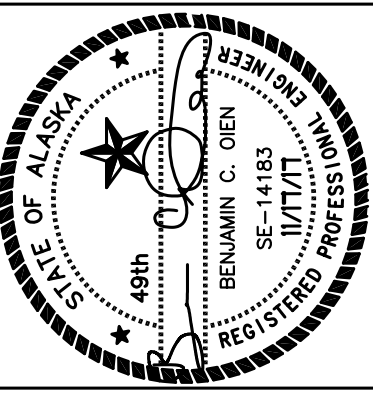
SHEARWALL SCHEDULE						
SHEAR WALL	PLYWOOD THICKNESS	SIDES	PLF REQUIRED	EDGE NAILS & SPACING	FIELD SPACING	NOTES
◇	5/32	1	250	Ø1/3 x 2 @ 3" O.C. Ø1/3 x 2 1/2 @ 4" O.C.	12" O.C.	
◇	5/32	1	675	Ø1/3 x 2 @ 2" O.C. Ø1/3 x 2 1/2 @ 2" O.C.	12" O.C.	
◇	5/32	2	675	Ø1/3 x 2 @ 3" O.C. Ø1/3 x 2 1/2 @ 4" O.C.	12" O.C.	3X SILL PLATE
◇	5/32	2	148	Ø1/3 x 2 @ 3" O.C. Ø1/3 x 2 1/2 @ 4" O.C.	12" O.C.	3X SILL PLATE - DF FRAMING

SHEARWALL NOTES

- SHEARWALL SHEATHING TO BE SUPPORTED ON ALL EDGES. SHEATHING MAY BE INSTALLED EITHER VERTICAL OR HORIZONTAL.
- HOLD DOWNS TO BE INSTALLED WITH ANCHORS AND EMBEDMENT AS INDICATED.
- PROVIDE MIN. 1" EMBED ON ALL ANCHOR BOLTS.
- PROVIDE 3"x3"x2/8" MIN. WASHERS ON ALL ANCHOR BOLTS.
- PROVIDE 3X OR DOUBLE 2X @ ADJOINING PANEL EDGES WHERE NAILING IS 2-1/2" OR LESS, DOUBLE 2X NAIL TOGETHER W/ Ø1/3" x 2 1/2" NAILS @ 4" O.C. FROM EACH SIDE.

HOLDOWNS WITH HEM-FIR			EMBED LENGTH (IN)	
SIMPSON HOLDOWN	ANCHOR BOLT SIZE INCHES	STUD SIZE	8" CMU	6" OR 8" CONC. 2500 PSI
HDUB	3/4	DBL 2X	31	22
HDU11	1	2X	12	22
		DBL 2X	14	22

1. THE EMBEDMENT LENGTHS LISTED IN THIS SCHEDULE MUST BE USED WITH THE DETAILS SHOWN.
2. NO ANCHOR BOLTS OR SSB ANCHORS CAN BE "STABBED" INTO CONCRETE OR MASONRY GROUT. ALL ANCHOR BOLTS MUST BE INSTALLED AND HELD IN POSITION BEFORE EITHER CONCRETE OR MASONRY GROUT IS PLACED. ANCHOR BOLTS AND SSB ANCHORS CANNOT BE FIELD OR SHOP-BENT.
3. ALL-THREAD USED AS AN ANCHOR BOLT MUST BE AT LEAST A615 A307 AND MUST HAVE A NUT ON THE EMBEDDED END. EMBEDMENT LENGTH IS MEASURED FROM THE TOP OF THE WALL SURFACE TO THE NEAREST FACE OF THE NUT. PROVIDE MIN. 6" EMBED FOR ANCHOR BOLTS.
4. ANCHOR BOLTS EMBEDDED IN THE FOOTING CAN BE USED INSTEAD OF THE EMBEDMENT DEPTHS SHOWN IN THE TABLE.



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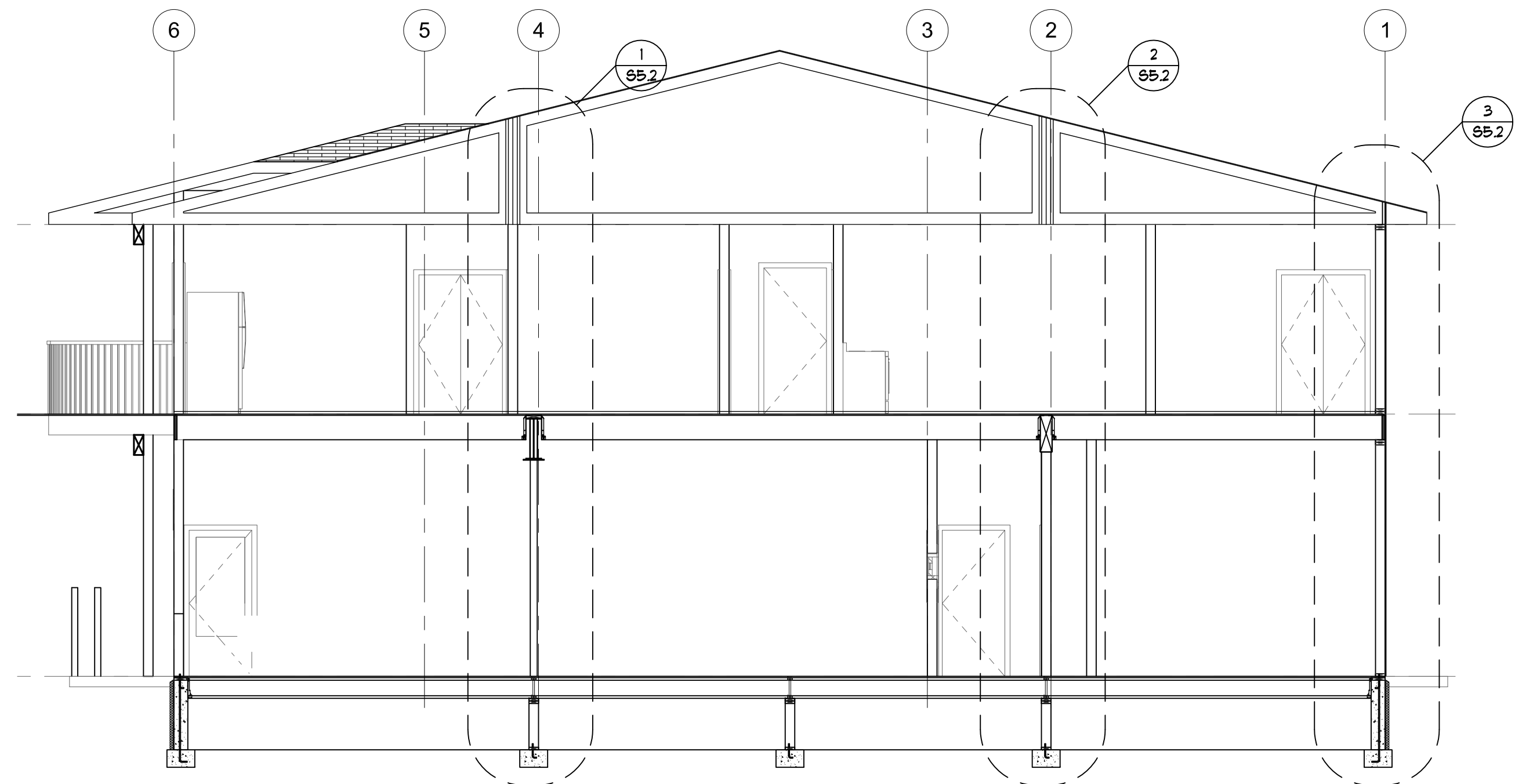
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2	FLOOR PLAN CHANGE	10/31/11
3	LIFT	11/7/11
4	CLARIFICATION	11/17/11

JOB NO.	63221
DATE	10/31/11
DRAWN	RRJ
REVIEWED	BCO

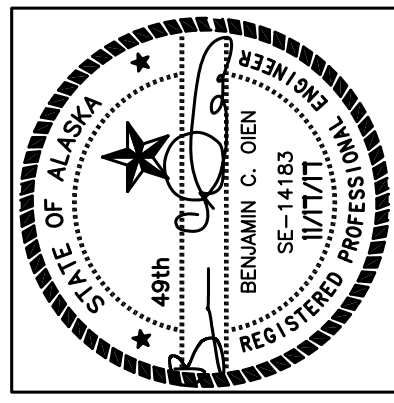
SHEET TITLE:
SHEAR PLANS

SHEET NO.
S4.1

IF THIS SHEET IS LESS THAN 22"x34" IT IS A REDUCED PRINT - SCALE ACCORDINGLY



1/85.1 Building Section
Scale: 3/8" = 1'-0"



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Ouzinkie Office
 Ouzinkie Native Corp
 Anchorage, Alaska

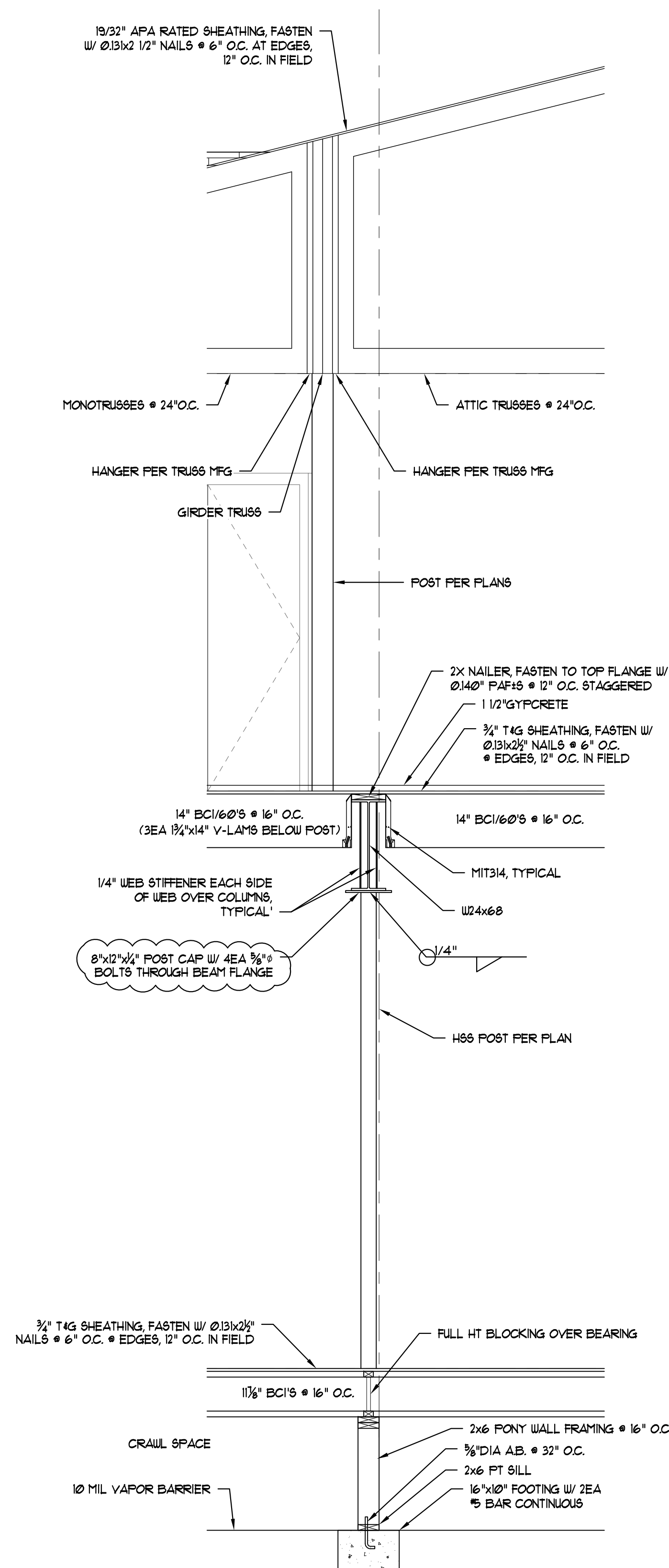
NO.	REVISION	DATE
1	FDN CHANGE	8/22/11
2	FLOOR PLAN CHANGE	10/31/11
3	LIFT	11/7/11
4	CLARIFICATION	11/17/11

JOB NO.	63221
DATE	10/31/11
DRAWN	RRJ
REVIEWED	BCO

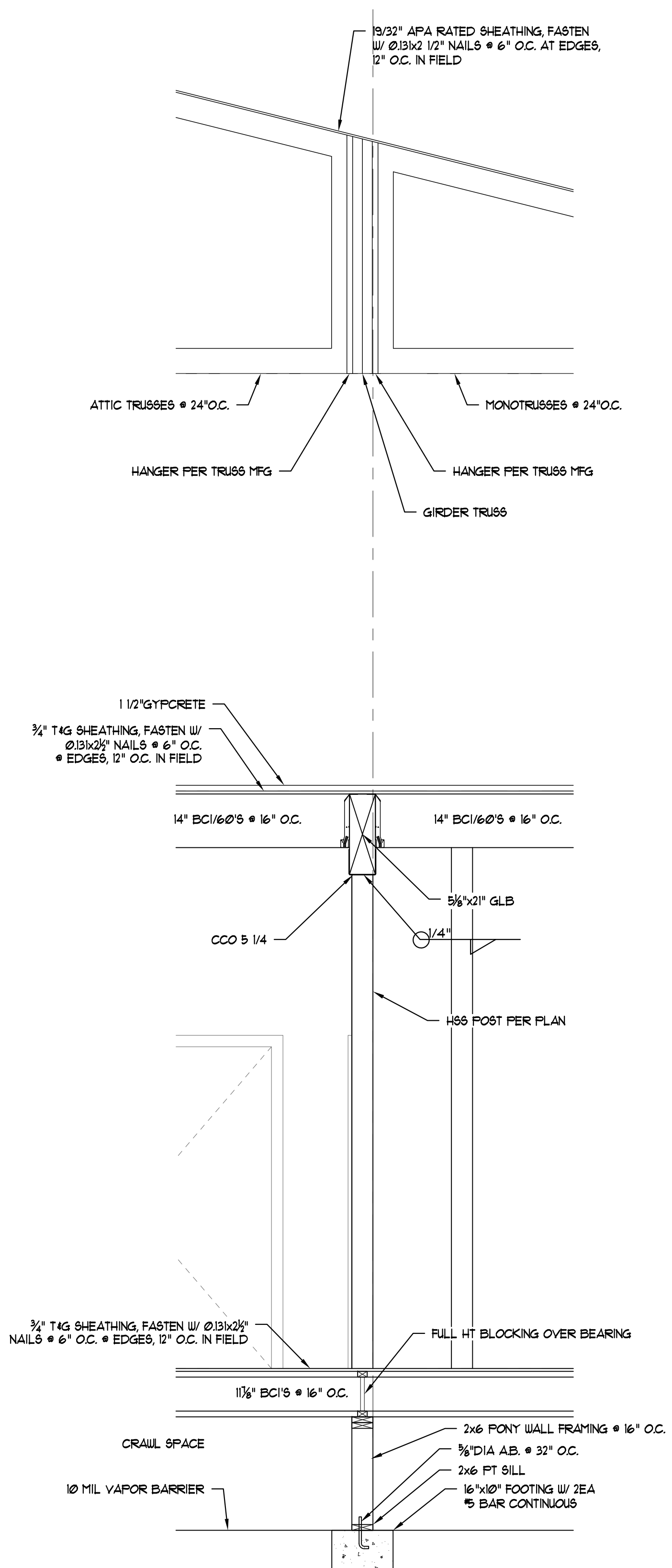
SHEET TITLE:
 BUILDING SECTIONS

SHEET NO.
S5.1

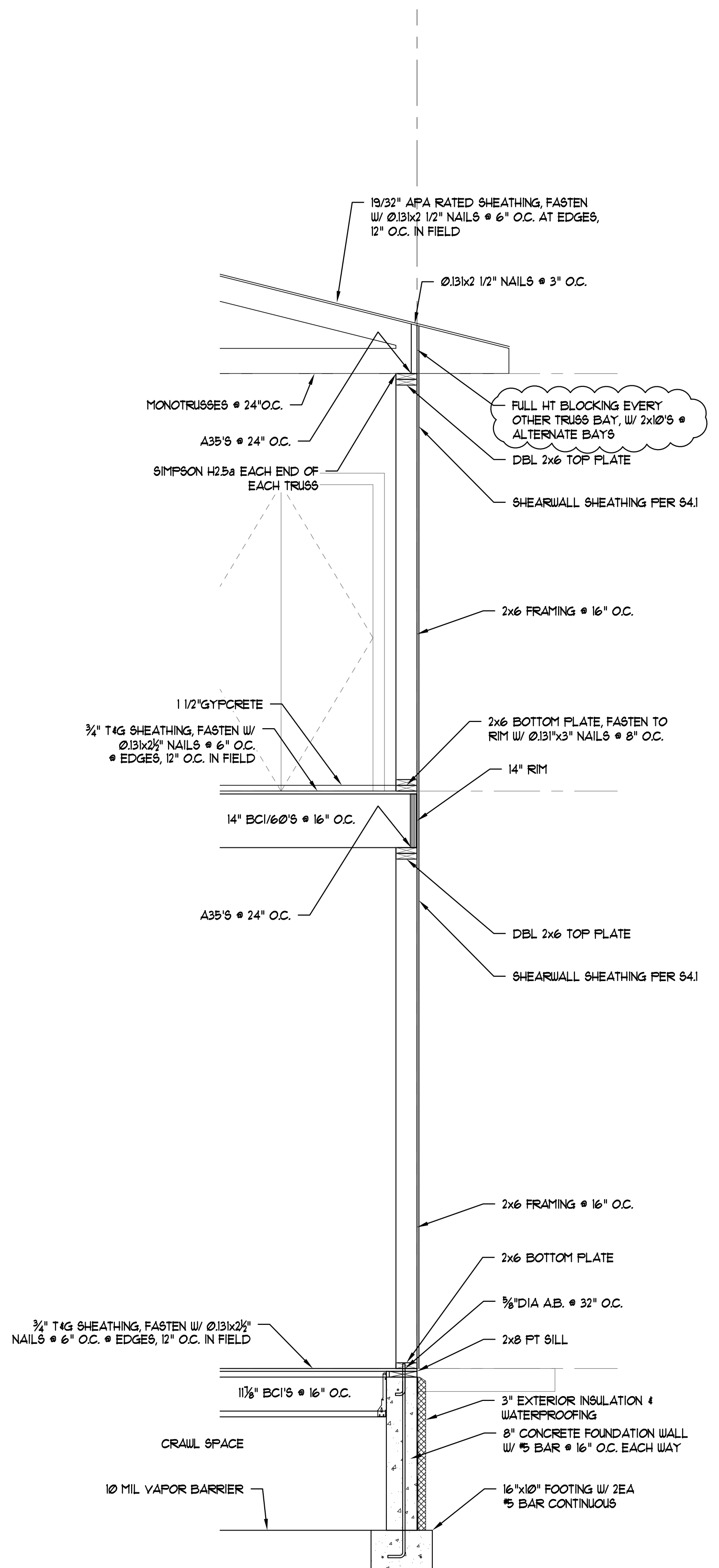
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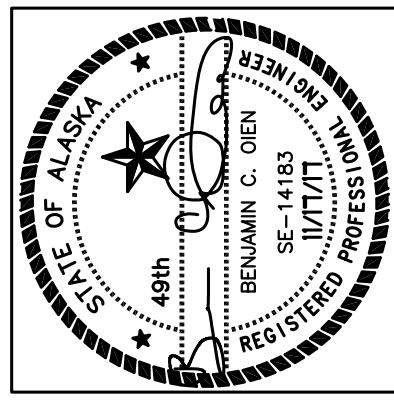
1
65.2 Wall Section
Scale: 1/2" = 1'-0"



2
65.2 Wall Section
Scale: 1/2" = 1'-0"



3
65.2 Wall Section
Scale: 1/2" = 1'-0"



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NO.	REVISION	DATE
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3	LIFT	11/7/11
4	CLARIFICATION	11/17/11

JOB NO. 63221
 DATE 10/31/11
 DRAWN RRJ
 REVIEWED BCO

SHEET TITLE:
 WALL SECTIONS

SHEET NO.
S5.2