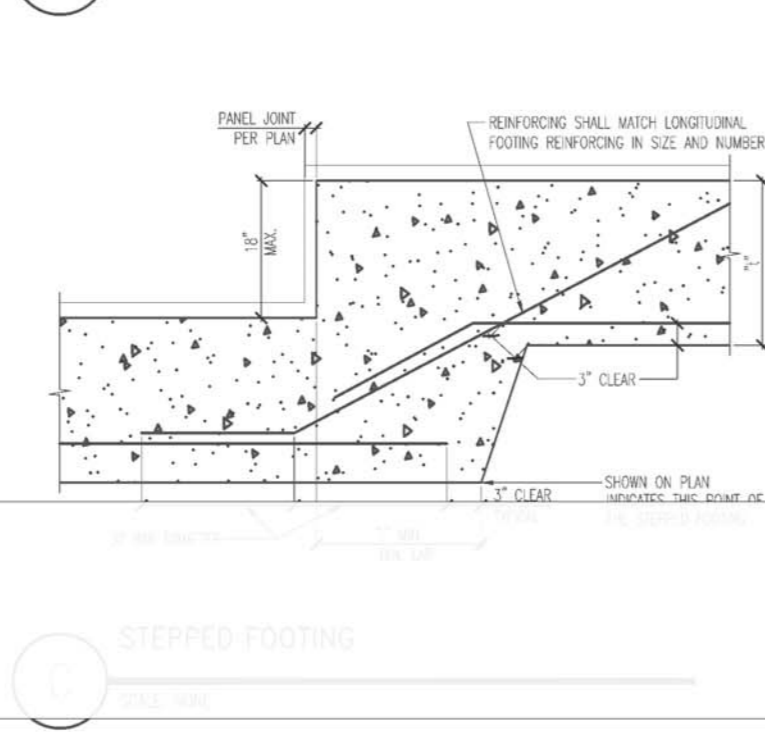
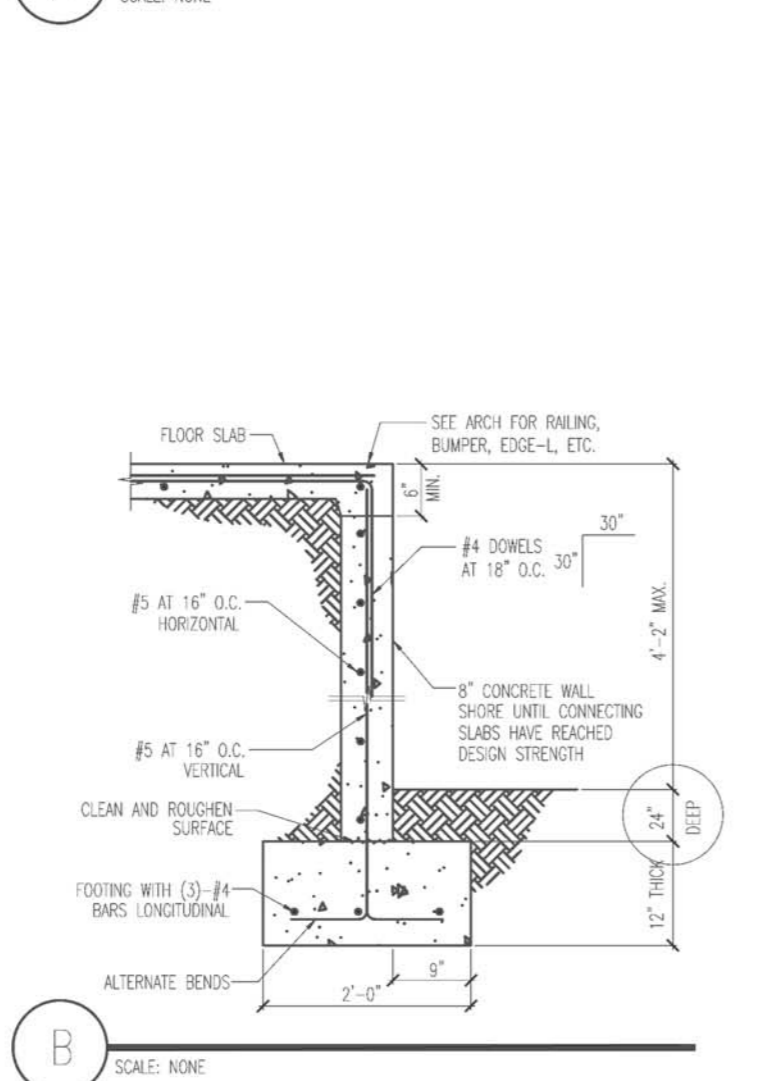
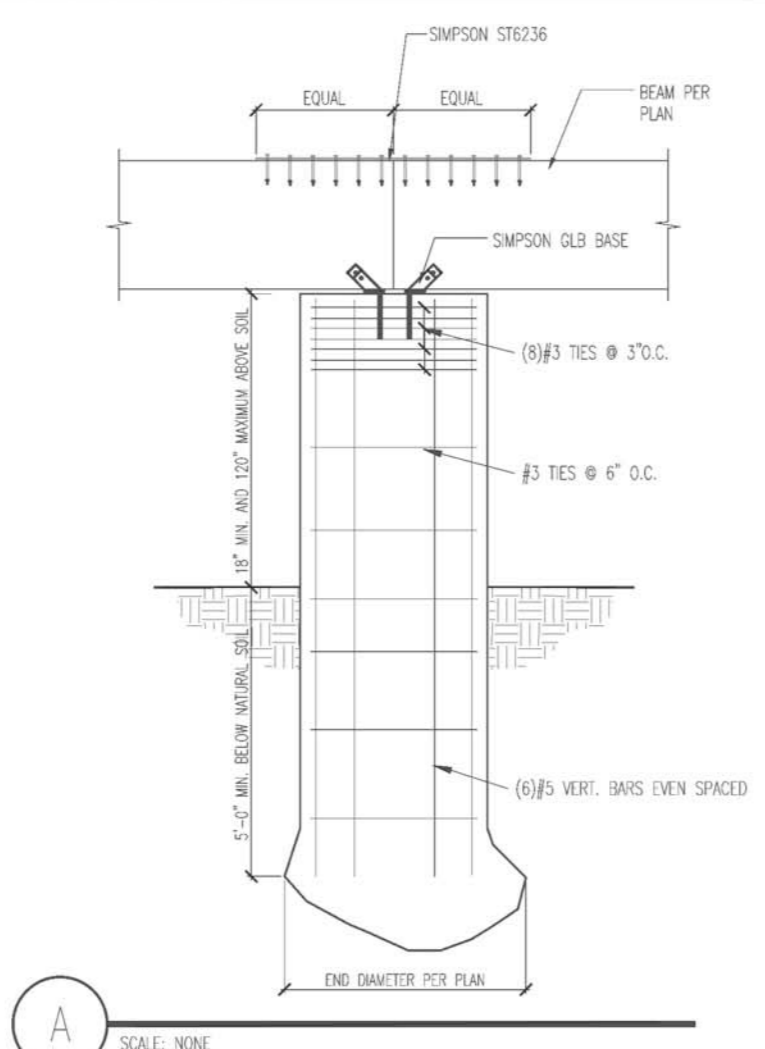


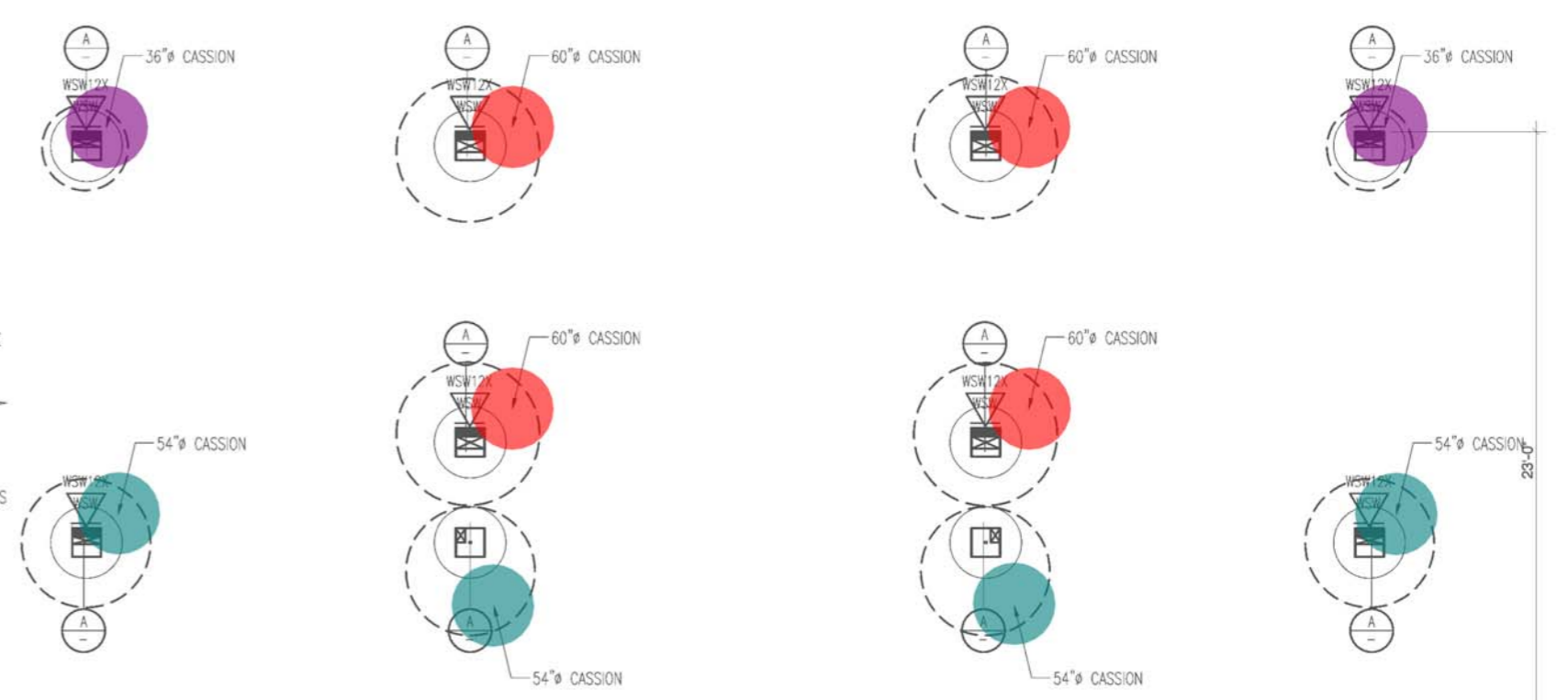
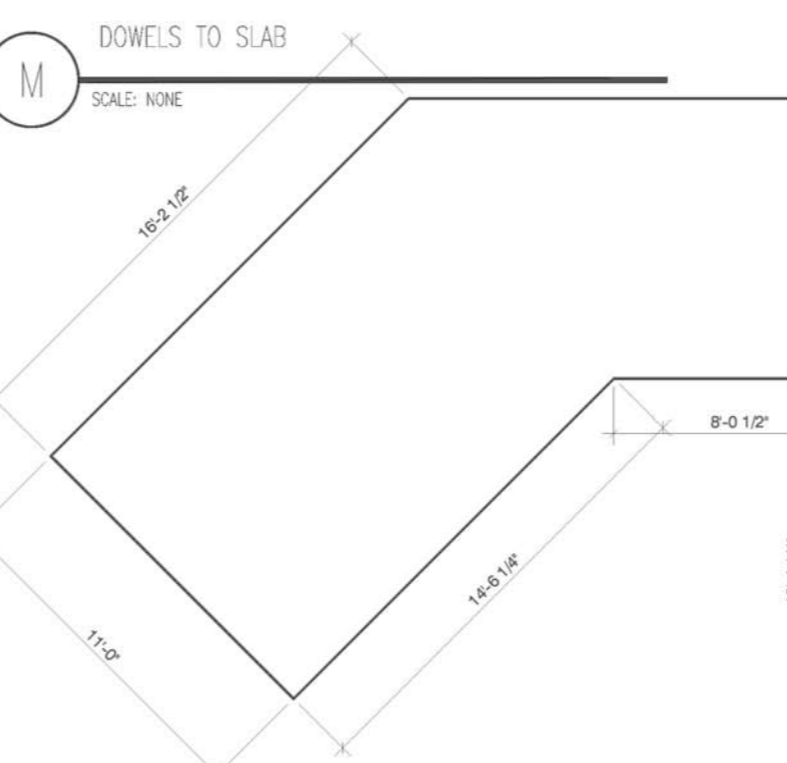
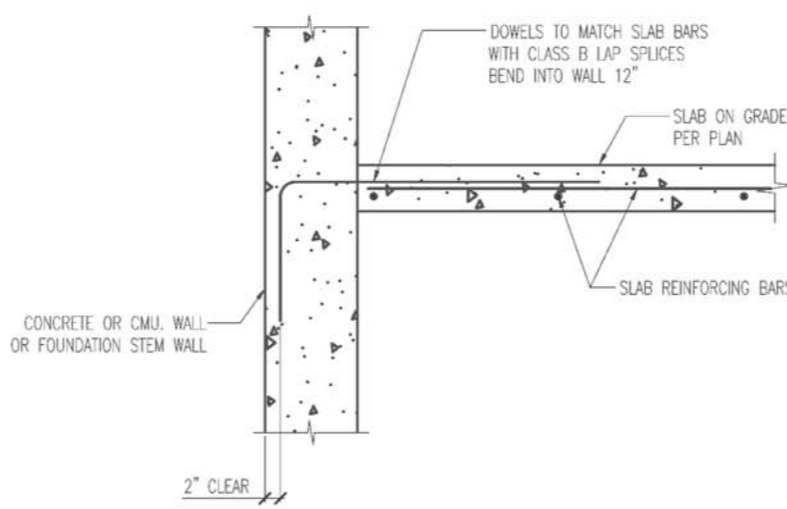
PER PLAN FOR PLYWOOD AND NAILING DATA UNLESS NOTED OTHERWISE ON THE PLAN USE THE FOLLOWING:

- PLYWOOD:**
 - (a) INTERIOR SUB-FLOORS: 1-1/8" APA STRUCTURAL II CCX EXTERIOR PANEL INDEX 60/48
 - (b) EXTERIOR FLOORS: 1-1/8" APA STRUCTURAL II CCX EXTERIOR PANEL INDEX 60/48
 - (c) ROOFS: 3/4" APA STRUCTURAL II C-C EXTERIOR, PANEL INDEX 48/24
 - (d) STAGGER SHEETS AS SHOWN
 - (e) RUN FACE GRAIN PERPENDICULAR TO SUPPORTS
 - (f) MINIMUM SHEET SIZE SHALL BE 2'-0" X 4'-0"
- NAILING:**
 - (a) USE COMMON NAILS, EQUIVALENT SPECIAL PLYWOOD NAILS MAY BE USED WITH THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER
 - (b) MINIMUM EDGE DISTANCE SHALL BE 3/8"
 - (c) SHEET EDGES AT ADJACENT PLYWOOD SHEET
 - (d) SHEET EDGES AND FLOOR AND ROOF BOUNDARIES: 104 AT 6" O.C. EDGES AT



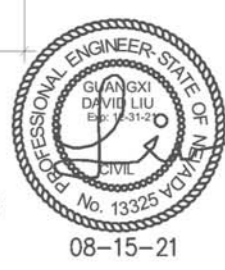
FOUNDATION NOTES:

- PROVIDE 15" WIDE X 36" DEEP CONTINUOUS FOOTING WITH (3)-#4 BAR LONGITUDINAL AT BOTTOM FOR 2-STORY.
- CONCRETE $f_c=2,500$ PSI TYPE V, W/C=0.45, WITHOUT SPECIAL INSPECTION.
- 1. ALL CONTINUOUS FOOTINGS TO HAVE 1/2" DIA X 10" LONG ANCHOR BOLTS WITH 0.225X3X3" WASHERS AT 48" O.C. FOR TWO STORY AND 72" O.C. FOR ONE STORY UNLESS OTHERWISE NOTED ON PLANS. MINIMUM (2)-#4'S PER SILL PLATE PER SHEAR PANEL WITH (1)-ANCHOR BOLT AT MAXIMUM 9" AWAY FROM EACH END OF SILL PLATE.
- 2. ALL CONTINUOUS FOOTINGS TO HAVE (3)-#4 AT BOTTOM LONGITUDINAL PER DETAIL.
- 3. VERIFY MINIMUM FOUNDATION DEPTH, WIDTH, REINFORCING STEEL AND ADDITIONAL EXPANSIVE SOIL REQUIREMENTS WITH VALID SOIL REPORTS AND IF ANY MORE RESTRICTIVE THEY SHALL SUPERCEDE THE ABOVE MINIMUMS.
- 4. PROVIDE #3X24" LONG DOWELS AT 24" O.C. AND 12" FROM CORNERS AT ALL CONCRETE STOOPS AND PORCHES.
- 5. SIMPSON HOLD-DOWNS TO BE INSTALLED IN ACCORDANCE WITH ICC ESR REPORT AND MANUFACTURER'S RECOMMENDATION.
- 6. VERIFY LOCATION OF HOLD-DOWNS AND ANCHOR BOLTS WITH ROUGH FRAMING TO ASSURE AND ACCURATE INSTALLATION.
- 7. ALL METAL ANCHORS, FASTENERS, AND CONNECTORS, ETC. SPECIFIED ON PLAN SHALL BE FROM "SIMPSON COMPANY" OR AN APPROVED EQUAL IN STRUCTURAL DESIGN AND LOAD VALUES, AND VERIFY LOCATIONS WITH FRAMING CONTRACTOR PRIOR TO PLACEMENT. DO NOT REDUCE SHEAR PANEL WIDTH WITHOUT THE CONSENT OF THE STRUCTURAL ENGINEERS.
- 8. HOLD-DOWN ANCHORS, e.g. SIMPSON PA'S, CB'S, PB'S, TO BE TIED IN PLACE PRIOR TO CALLING FOR INSPECTORS.
- 9. REFER TO ARCHITECTURAL DRAWING FOR DIMENSIONS. LOCATED PAD FOOTING SHOWN WITH ARCHITECTURAL PLAN.



FOUNDATION PLAN
1/4" = 1'-0"

Guangxi David Liu
Digitally signed by Guangxi David Liu
Date: 2021.08.23 19:11:38 -07'00'



SEVENTH HEAVEN
4096 TYROL WAY,
MOUNTAIN CHARLESTON, NV89124.

PROJECT: FOUNDATION PLAN

REVISIONS	DATE
1	08-12-21

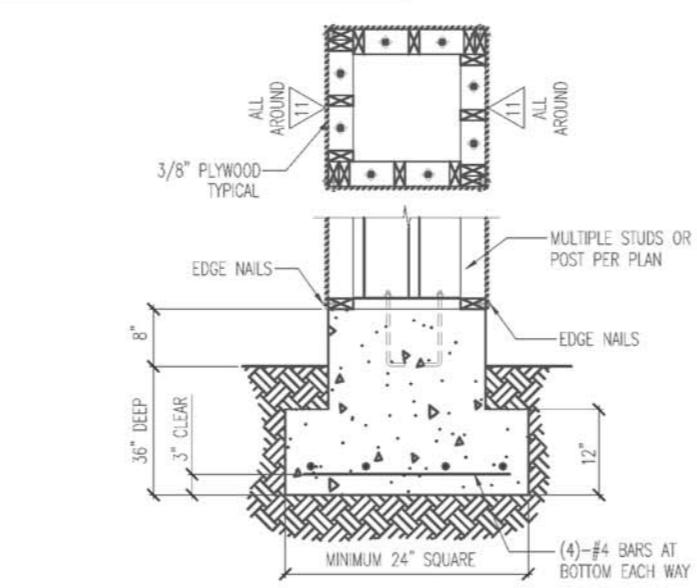
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STRUCTURAL ENGINEERING DESIGN & CONSULTATION

2.0
4.0
4.0

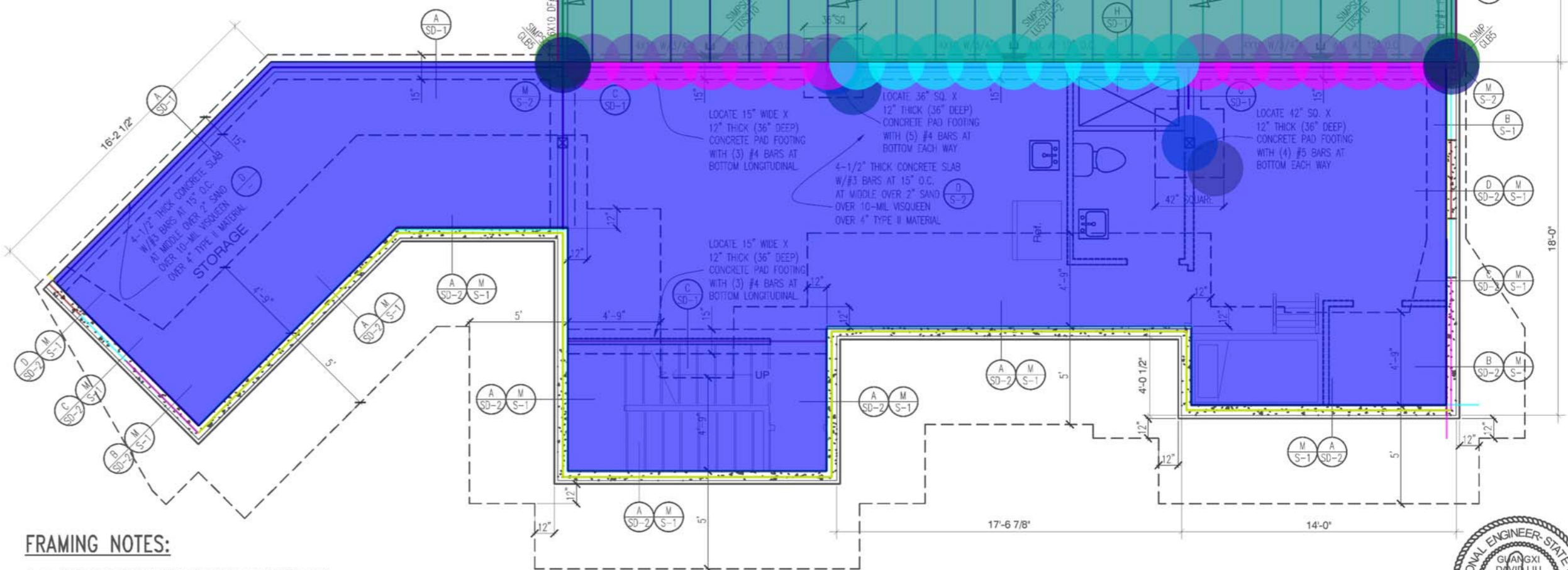
S-1

(1'3"Wx1'H) Concrete footing.	96.4 FT
(2'Wx1'H) Concrete footing.	3.9 FT
(2'Wx1'2"H) Concrete footing.	7.7 FT
(4'Wx1'2"H) Concrete footing.	7.3 FT
(7'2"Wx1'2"H) Concrete footing.	11.1 FT
(9'9"Wx1'2"H) Concrete footing.	93.0 FT
(8"Wx8"H) Thickend edge concrete slab footing.	202.8 FT
(8" THK) CMU Wall. (2'6"H)	40.5 FT
(3' SQ.x1'H) Concrete footing pad.	1.0
(3'6" SQ.x1'H) Concrete footing pad.	1.0
(2' SQ.2'8"H) Concrete pier.	2.0
(8" THK) Concrete retaining wall. (4'H)	6.4 FT
(8" THK) Concrete retaining wall. (4'8"H)	43.3 FT
(8" THK) Concrete retaining wall. (6'4"H)	10.2 FT
(8" THK) Concrete retaining wall. (6'6"H)	5.2 FT
(8" THK) Concrete retaining wall. (6'8"H)	91.9 FT
(10" THK) Concrete retaining wall. (3'4"H)	91.9 FT
(10" THK) Concrete retaining wall. (4'8"H)	11.9 FT
(12" THK) Concrete retaining wall. (3'4"H)	91.9 FT
(4-1/2" THK) Slab on grade.	1,012.7 SQ FT
(2x4) Wood blocking.	19.0 FT
(2x4) 2'L Wood blocking @ 48" O.C.	17.8 FT
(4x10) P.T Ledger.	44.8 FT
(6x6) DF#1 Header beam.	5.3 FT
(6x10) DF#1 Header beam.	16.6 FT
(3-1/8"x13-1/2") GLB Beam.	24.8 FT
(5-1/8"x15") GLB Beam.	17.0 FT
(5-1/8"x16-1/2") GLB Beam.	25.2 FT
(5-1/8"x18") GLB Beam.	17.0 FT
(4-BAYS) Truss blocking.	18.0 FT
(2) (2x10) Floor joists or (9-1/2") TJI/230 Joists	174.0 FT
(2) (2x10) Floor joists or (9-1/2") TJI/110 Joists	62.4 FT
(2) (2x10) Deck joists	95.1 FT
(2) (2x12) Deck joists	239.0 FT
SIMPSON LUS210	14.0
SIMPSON LUS210-2	9.0
SIMPSON LUS210TF	41.0
SIMPSON LUS212TF	34.0
SIMPSON HUC66	8.0
SIMPSON GLB5	2.0
SIMPSON MST48	10.0
SIMPSON CS20	2.0
(1-1/8") Plywood subfloor sheathing.	474.2 SQ FT
(2x4) P.T Open deck plank.	577.1 SQ FT



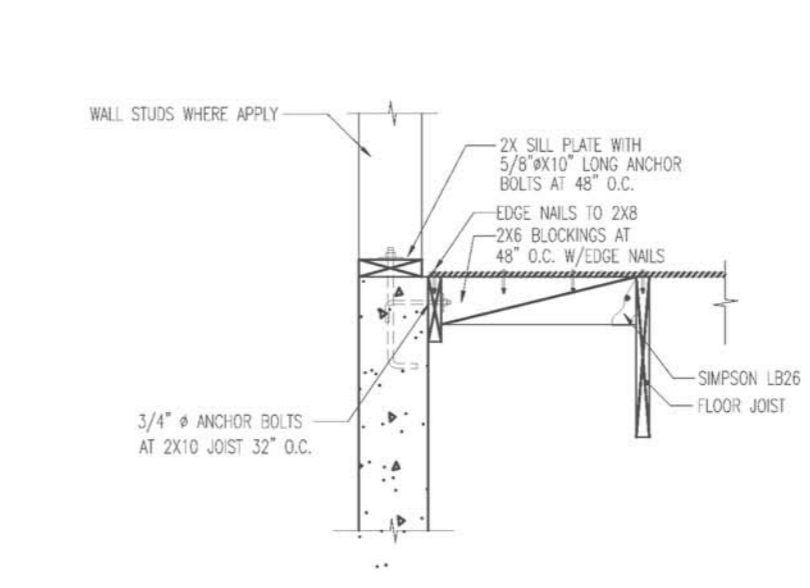
C BUILD-UP COLUMN PAD FOOTING
SCALE: NONE

- FOUNDATION NOTES:**
- CONCRETE $f_c=4,500$ PSI TYPE V, W/C=0.45, WITHOUT SPECIAL INSPECTION.
 - VERIFY MINIMUM FOUNDATION DEPTH, WIDTH, REINFORCING STEEL AND ADDITIONAL EXPANSIVE SOIL REQUIREMENTS WITH VALID SOIL REPORTS AND IF ANY MORE RESTRICTIVE THEY SHALL SUPERCEDE THE ABOVE MINIMUMS.
 - SIMPSON HOLD-DOWNS TO BE INSTALLED IN ACCORDANCE WITH ICC ESR REPORT AND MANUFACTURER'S RECOMMENDATION.
 - ALL METAL ANCHORS, FASTENERS, AND CONNECTORS, ETC. SPECIFIED ON PLAN SHALL BE FROM "SIMPSON COMPANY" OR AN APPROVED EQUAL IN STRUCTURAL DESIGN AND LOAD VALUES, AND VERIFY LOCATIONS WITH FRAMING CONTRACTOR PRIOR TO PLACEMENT. DO NOT REDUCE SHEAR PANEL WIDTH WITHOUT THE CONSENT OF THE STRUCTURAL ENGINEERS.
 - REFER TO ARCHITECTURAL DRAWING FOR DIMENSIONS. LOCATED PAD FOOTING SHOWN WITH ARCHITECTURAL PLAN.

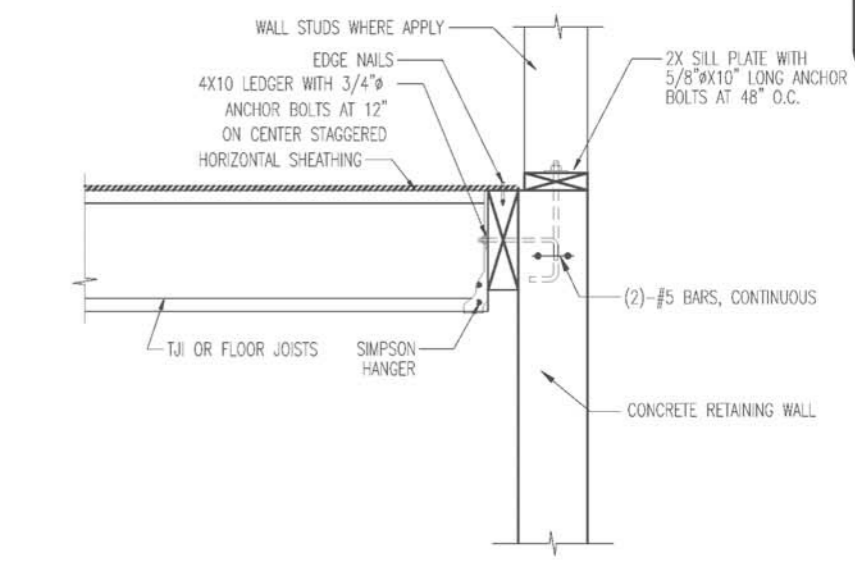


- FRAMING NOTES:**
- ALL BEAMS TO BE SUPPORTED WITH SAME WIDTH FULL BEARING, U.N.O.
 - ALL 4X12 & SMALLER FRAMING MEMBERS TO BE W.C.D.F.#2 U.N.O. ALL 6X MEMBERS TO BE W.C.D.F.#1.
 - ALL RESAWN AND ROUGH-SAWN BEAMS ARE TO BE DELIVERED FREE OF HEART CENTER.
 - TRUSS MANUFACTURER TO PROVIDE CALCULATION, SHOP DRAWINGS, DETAILS, BRIDGING, AND ERECTION BRACING.
 - PROVIDE 2X6 RAFTERS AT 24" O.C., WITH MAXIMUM SPAN 8'-0" AT OVERBUILD.
 - ALL JOIST HANGERS TO BE SIMPSON "TOP FLANGE" HANGERS OR EQUAL, U.N.O. FRAMING W/2X4 KICKERS TO MAIN STRUCTURAL MEMBER BELOW AT GLED LAMINATED BEAM.
 - ALL METAL ANCHORS, FASTENERS AND CONNECTORS ETC. SPECIFIED ON PLANS SHALL BE FROM SIMPSON CO. OR AN APPROVED EQUAL IN STRUCTURAL DESIGN AND LOAD VALUES.
 - ALL SIMPSON HOLD-DOWNS TO BE FASTENED TO MINIMUM 4X4 POST U.N.O.
 - ALL ISOLATED POSTS AND BEAMS TO HAVE SIMPSON CR'S AND CC'S MINIMUM U.N.O.
 - PROVIDE DOUBLE FLOOR JOISTS BELOW ALL PARALLEL PARTITIONS, SOLID BLOCK JOISTS BETWEEN WALLS AND BEARING POINTS.
 - PROVIDE SOLID BLOCKING BETWEEN JOISTS UNDER WALLS PERPENDICULAR TO FLOOR JOISTS.
 - ALL DOUBLE JOISTS ARE TO BE SECURED WITH 16d NAILS AT 12" O.C., STAGGERED. (USE 1/2" DIAM. N.B. FOR 3-JOISTS OR MORE AT 18" O.C., STAGGERED)
 - TOP PLATES OF ALL STUD WALLS SHALL BE 2 PIECES THE SAME SIZE AS STUDS. SPLICES TO LAP 4'-0" MINIMUM.
 - MULTIPLE STUDS TO BE ATTACHED WITH 16d NAILS AT 12" O.C.
 - PROVIDE FURRING AS NEEDED TO ALIGN NON-SHEAR WALLS WITH SHEAR WALLS.
 - APPLY SHEAR MATERIALS PRIOR TO FURRING, FROM BOTTOM PLATES TO TOP PLATES WITH NO INTERRUPTIONS.
 - ALL INTERIOR WALLS TO BE SECURED WITH SHOT PINS PER MANUFACTURER'S RECOMMENDATION U.N.O. RECOMMEND RANSET AT 36" O.C., AND 48" O.C. AT NONE SHEAR WALLS.
 - ALL CONVENTIONAL FRAMED PORTIONS TO BE CONSTRUCTED PER 2018 EDITION INTERNATIONAL BUILDING CODE.
 - USE THE 3X MIN. NOMINAL MEMBERS WHEN NAIL SPACING IS AT 2' O.C. OR CLOSER AT SHEAR WALLS.
 - PLACE PLYWOOD OR OSB SHEATHING PERPENDICULAR TO JOISTS AND "C" FACE DOWN.
 - STRUCTURAL MEMBERS SHALL NOT BE CUT FOR PIPES ETC. UNLESS SPECIFICALLY DETAILED.
 - HOLD-DOWNS TO BE INSTALLED IN ACCORDANCE WITH ICCB OR ICC. VERIFY LOCATION OF HOLD-DOWNS AND ANCHOR BOLTS WITH ROUGH FRAMING TO ASSURE PROPER AND ADEQUATE INSTALLATION.
 - HOLD-DOWN ANCHORS, E.G. SIMPSON HDA, CB'S TO BE TIED IN PLACE PRIOR TO CALLING FOR INSPECTION.
 - PROVIDE 2X6 STUDS AT 16" O.C. FOR ALL EXTERIOR STUD WALLS. WITH ROUGH FRAMING TO ASSURE PROPER AND ADEQUATE INSTALLATION.
 - 2X6 STUDS AT 16" O.C. FOR ALL PLUMBING WALLS.
 - 2X4 STUDS AT 16" O.C. FOR ALL INTERIOR NON-BEARING WALLS.
 - SEE ARCHITECTURAL PLANS FOR TOP PLATES ELEVATION.
 - MAXIMUM ELEVATION HEIGHT FOR "TALK" VENEER NOT TO EXCEED 30'-0".

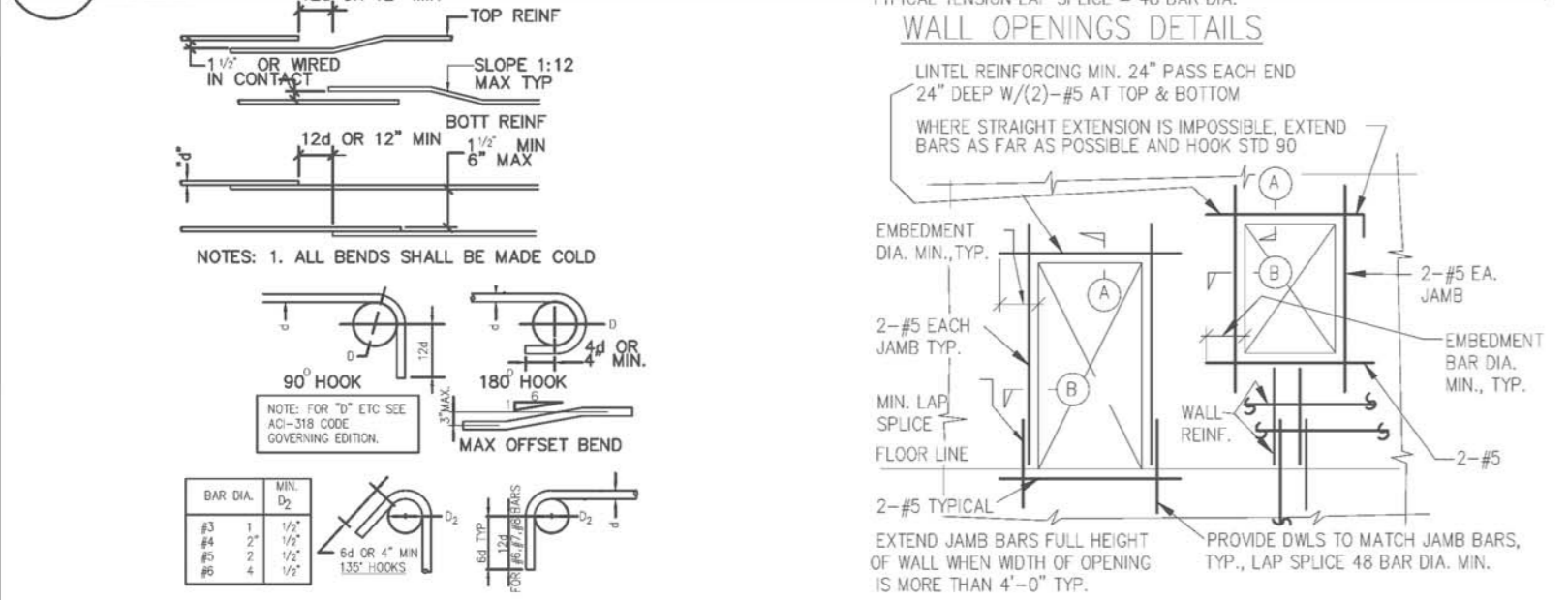
B FOUNDATION & RAISED FLOOR PLAN
1/4" = 1'-0"



B JOIST PARALLEL TO STEM WALL
SCALE: NONE



A JOIST PERPENDICULAR TO RETAINING WALL
SCALE: NONE



P STEEL REBAR WORK
SCALE: NONE



J LINTEL AT WALL OPENINGS
SCALE: NONE

SEVENTH HEAVEN
4096 TYROL WAY,
MOUNTAIN CHARLESTON, NV89124.

PROJECT: SEVENTH HEAVEN
FOUNDATION AND RAISED FLOOR FRAMING PLAN

SHEET: 08-12-21
DATE: 08-12-21
REVISIONS: [Table with columns for revision number, description, and date]
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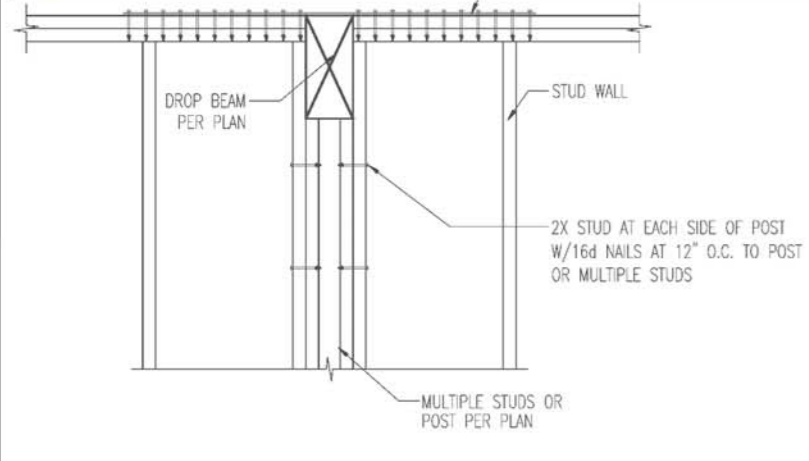
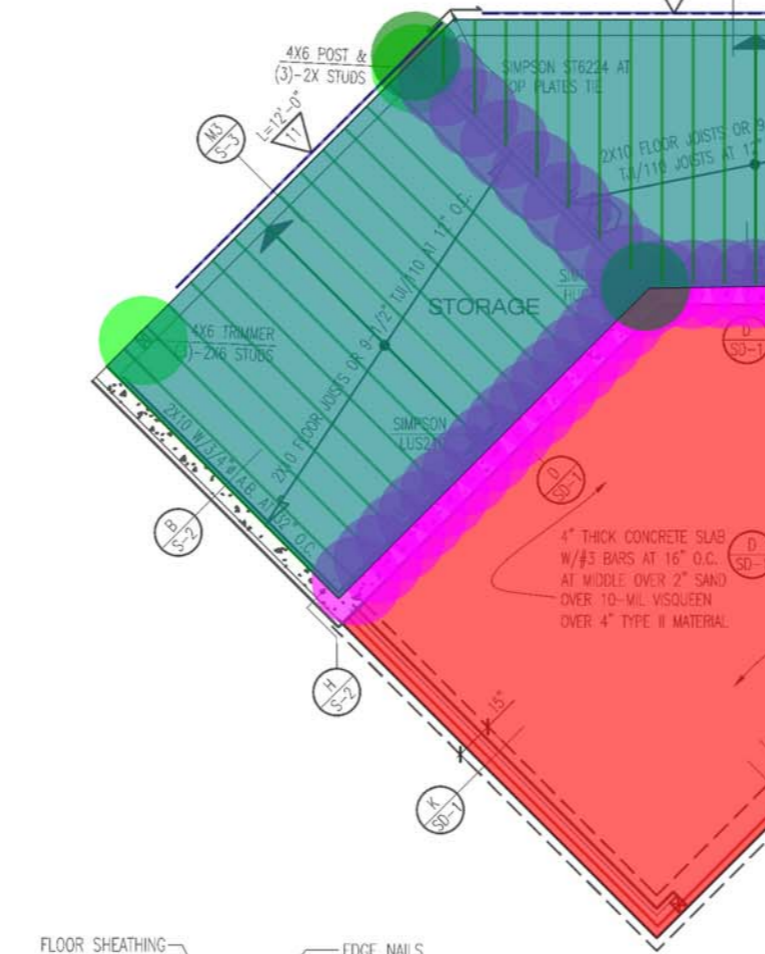
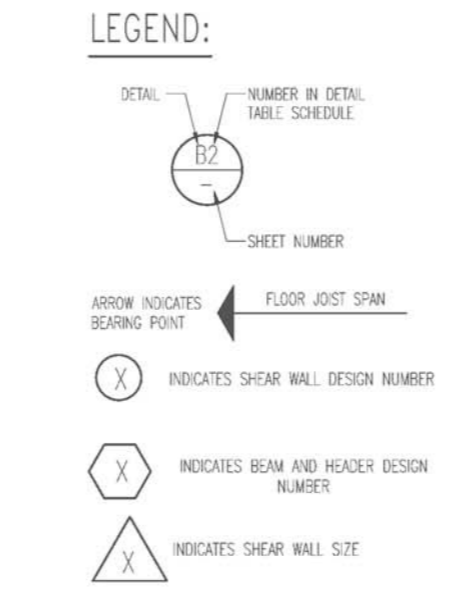
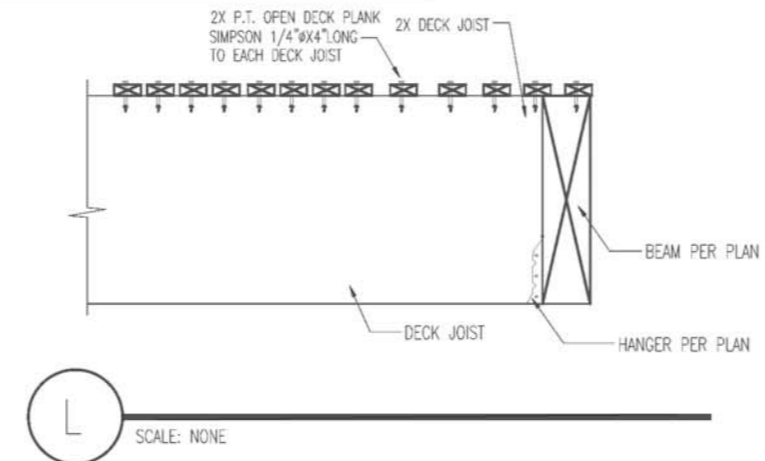
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PROFESSIONAL ENGINEER STATE OF NEVADA
DAVID LIU
No. 13325
08-15-21

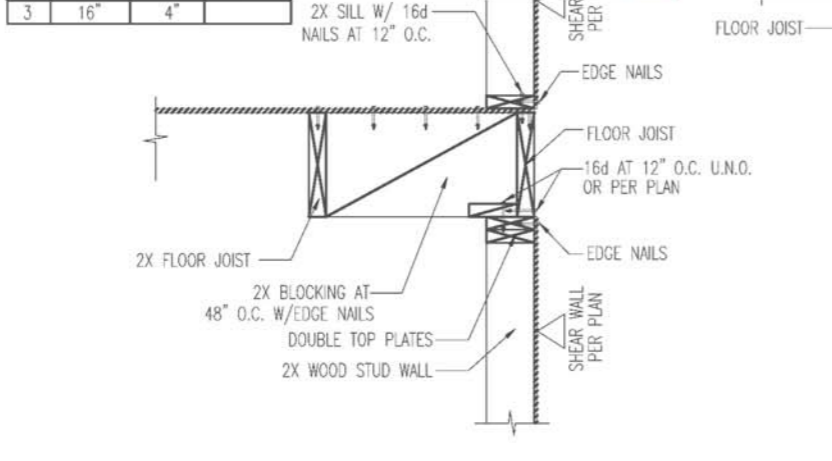
S-2

- (1'3"Wx1'H) Concrete footing.
- (1'Wx3'4"H) Concrete footing.
- (8"Wx8"H) Thickend edge concrete slab footing.
- (8" THK) CMU Wall. (2'6"H)
- (2' SQ.x1'H) Concrete footing pad.
- (4" THK) Slab on grade.
- (4x6) P.T Wood post. (9'H)
- (6x6) P.T Wood post. (9'H)
- (6x8) P.T Wood post. (9'H)
- (6x10) P.T Wood post. (9'H)
- (3-1/8"x12") P.T GLB Post. (9'H)
- (5-1/8"x12") P.T GLB Post. (9'H)
- (2x4) Wood blocking.
- (2x4) 2'L Wood blocking @ 48" O.C.
- (4x10) P.T Ledger.
- (4x8) DF#2 Beam.
- (4x10) DF#2 Beam.
- (6x10) DF#1 Header beam.
- (6x6) DF#1 Header beam.
- (6x8) DF#1 Header beam.
- (6x12) DF#1 Header beam.
- (3-1/8"x13-1/2") GLB Beam.
- (5-1/8"x15") GLB Beam.
- (5-1/8"x16-1/2") GLB Beam.
- (5-1/8"x18") GLB Beam.
- (6-3/4"x12") GLB Beam.
- (8-3/4"x12") GLB Beam.
- (4-BAYS) Truss blocking.
- (2) (2x12) Stair stringer.
- Type 11. Shearwall sheathing (9'H)
- Type 13. Shearwall sheathing (9'H)
- (2x10) Floor joists or (9-1/2") TJI/110 Joists
- (2) (2x10) Floor joists or (9-1/2") TJI/230 Joists
- (2x12) Floor joists or (9-1/2") TJI/230 Joists
- (2) (2x12) Floor joists or (9-1/2") TJI/230 Joists
- (2) (2x10) Deck joists
- (2) (2x12) Deck joists
- HDU2-SDS2.5
- HDU8-SDS2.5
- SIMPSON LUS210
- SIMPSON LUS210TF
- SIMPSON LUS212TF
- SIMPSON HUC66
- SIMPSON HU48
- SIMPSON HU40
- SIMPSON HGLT7
- SIMPSON GLB5
- SIMPSON MST48
- SIMPSON EG9TFLANGE
- (12x10) WSW, Shearwall panel.
- (1-1/8") Plywood subfloor sheathing.
- (2x4) P.T Open deck plank.

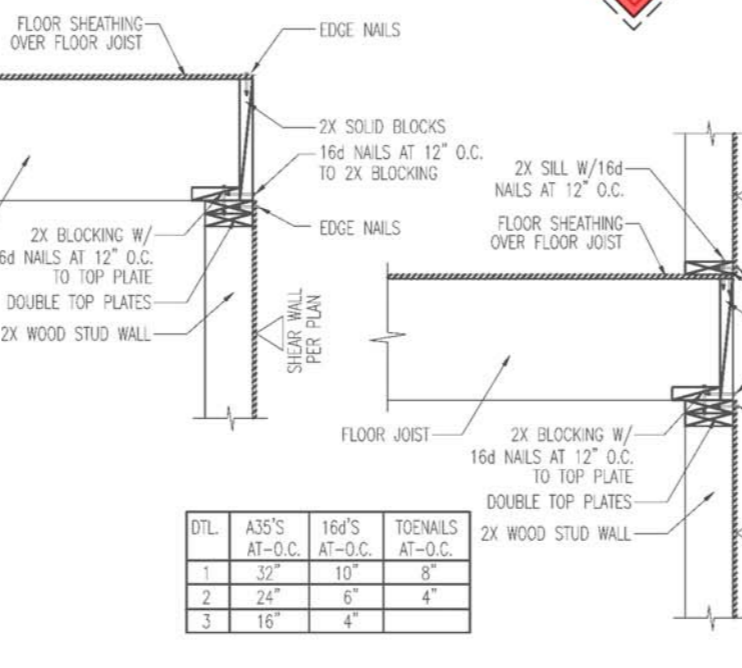
73.9 FT	48" O.C. SS TIE
18.8 FT	
48.7 FT	
48.7 FT	
1.0	
495.1 SQ FT	
8.0	
1.0	
3.0	
1.0	
4.0	LAN
4.0	HANGER
18.9 FT	PER PLAN
31.4 FT	PER PLAN
100.7 FT	
16.5 FT	
10.4 FT	
17.1 FT	
15.5 FT	
13.6 FT	HEATHING AS (FRAMING PLANS) 12" O.C.
8.5 FT	4" BLOCKING W/ 8" O.C. SHEATHING
24.8 FT	
17.0 FT	
25.2 FT	
17.1 FT	
27.5 FT	
13.5 FT	
45.1 FT	OR TRUSS
45.5 FT	HANGER PER PLAN
24.1 FT	
10.7 FT	
250.3 FT	
444.4 FT	
86.9 FT	
81.5 FT	
95.5 FT	
239.5 FT	
4.0	NAILS
4.0	NAILS
29.0	
93.0	
66.0	
2.0	
2.0	
2.0	
3.0	
2.0	
12.0	
1.0	
8.0	
1,445.6 SQ FT	
578.4 SQ FT	



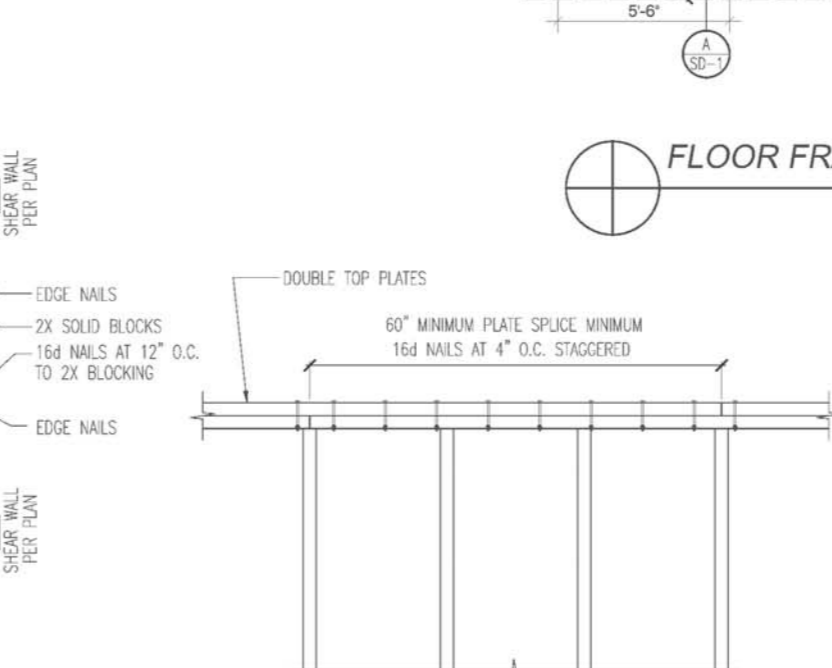
K DROP BEAM PERPENDICULAR TO WALL
SCALE: NONE



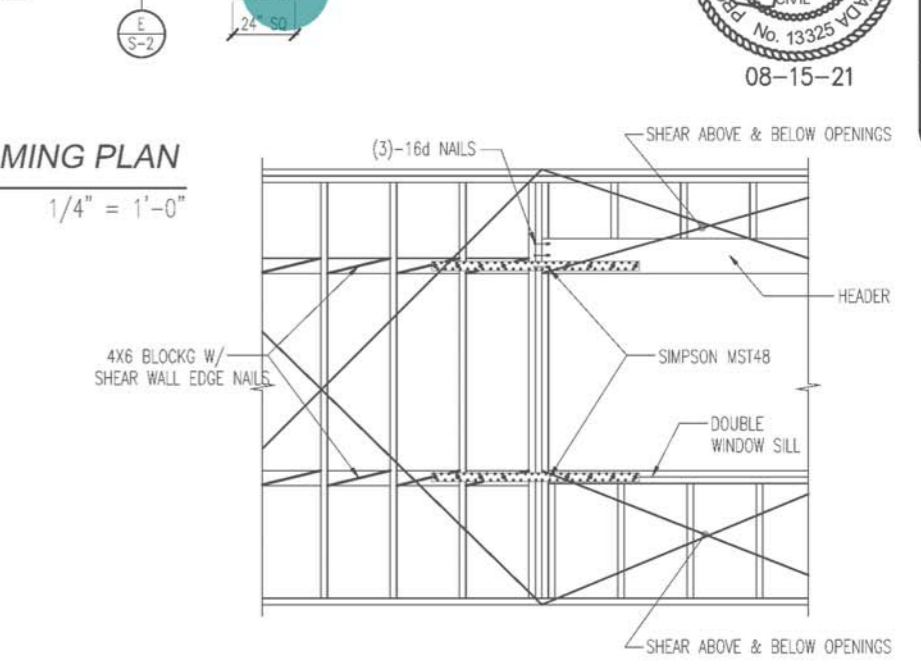
D FLOOR JOIST PARALLEL TO WALL
SCALE: NONE



M FLOOR JOIST PERPENDICULAR TO WALL
SCALE: NONE



S TOP PLATE SPLICE
SCALE: NONE



T SHEAR WALL BLOCKING AT WINDOW
SCALE: NONE

SEVENTH HEAVEN
4096 TYROL WAY,
MOUNTAIN CHARLESTON, NV89124.

PROJECT: SEVENTH HEAVEN
4096 TYROL WAY,
MOUNTAIN CHARLESTON, NV89124.

SHEET: FLOOR FRAMING PLAN

REVISIONS	DATE
	08-12-21

CHECKED BY: DL
DRAWN BY: DL

PROFESSIONAL ENGINEER STATE OF NEVADA
DAVID LIU
No. 13325

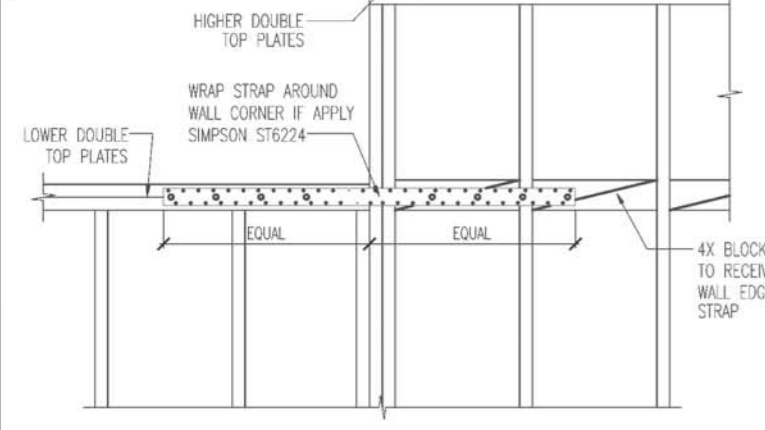
08-15-21

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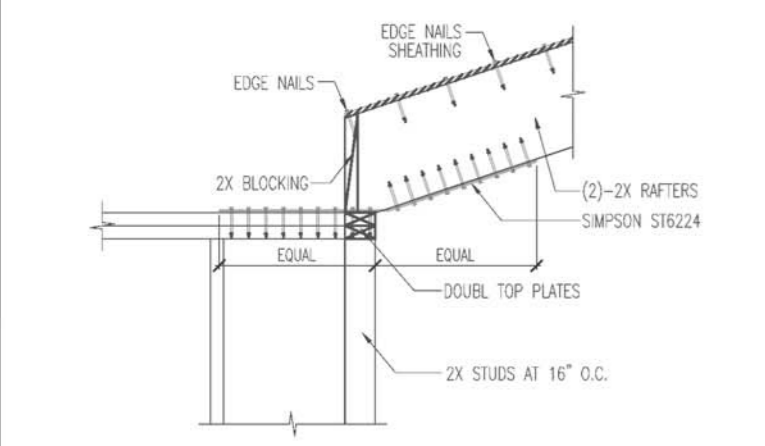
S-3

- (4x6) P.T Wood post. (10'H)
- (6x6) P.T Wood post. (10'H)
- (6x6) P.T Wood post. (13'9"H)
- (6x8) P.T Wood post. (13'9"H)
- (3-1/8"x12") P.T GLB Post. (13'9"H)
- (5-1/8"x12") P.T GLB Post. (13'9"H)
- (6x6) DF#1 Header beam.
- (6x8) DF#1 Header beam.
- (6x10) DF#1 Header beam.
- (3-1/8"x13-1/2") GLB Beam.
- (5-1/8"x12") GLB Beam.
- (5-1/8"x13-1/2") GLB Beam.
- (5-1/8"x18") GLB Beam.
- (4-BAYS) Truss blocking.
- Type 10. Shearwall sheathing (10'H)
- Type 11. Shearwall sheathing (10'H)
- Type 13. Shearwall sheathing (10'H)
- (2) (2x12) Roof joists
- (2) (2x12) Roof joists
- Pre-Fabricated roof trusses
- (11-7/8") TJI/360 Joists
- HDU4-SDS2.5
- HDU8-SDS2.5
- SIMPSON A35
- SIMPSON CS16
- SIMPSON ST6224
- SIMPSON MST48
- SIMPSON MST72
- (18x10) WSW, Shearwall panel.
- (24x10) WSW, Shearwall panel.
- (12x10) WSW, Shearwall panel.

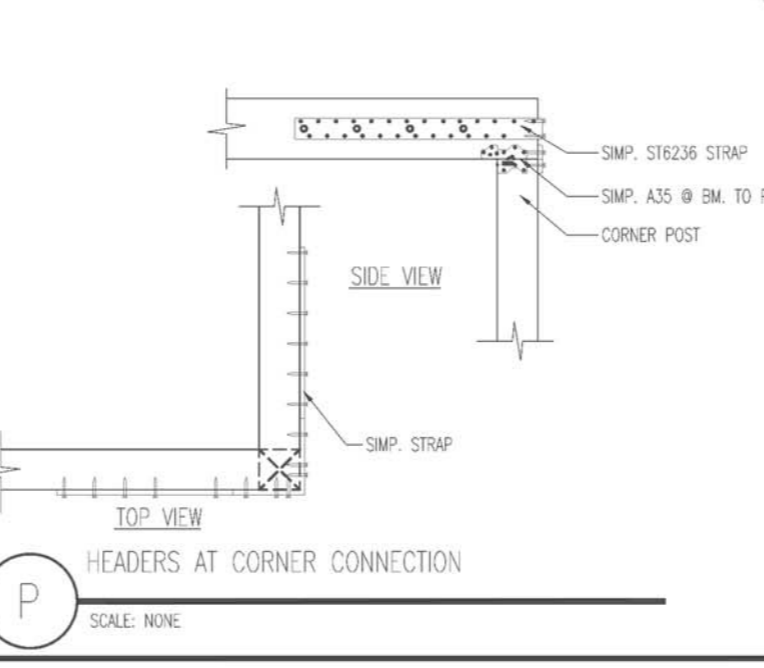
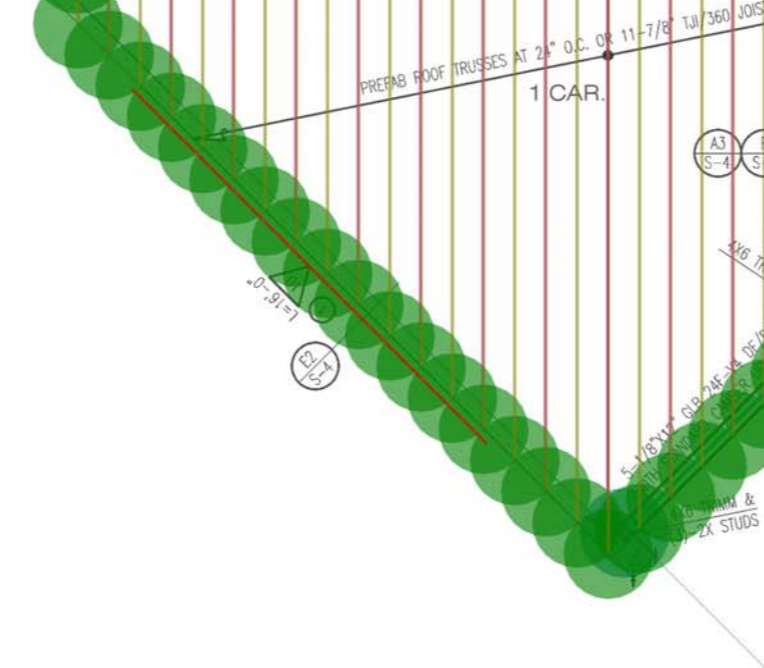
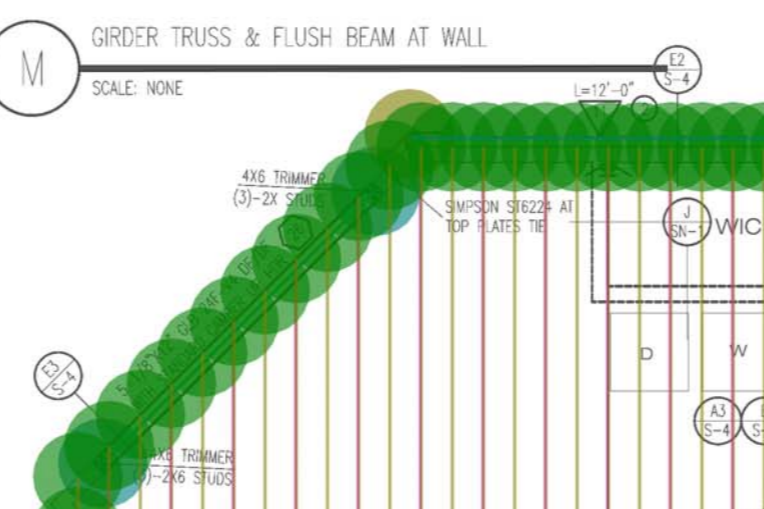
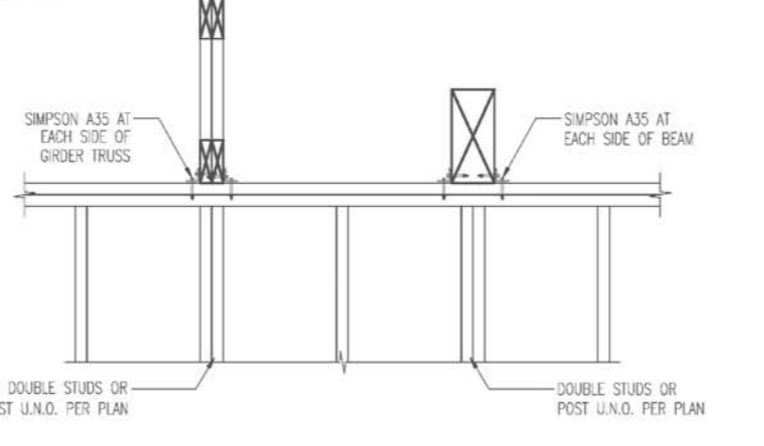
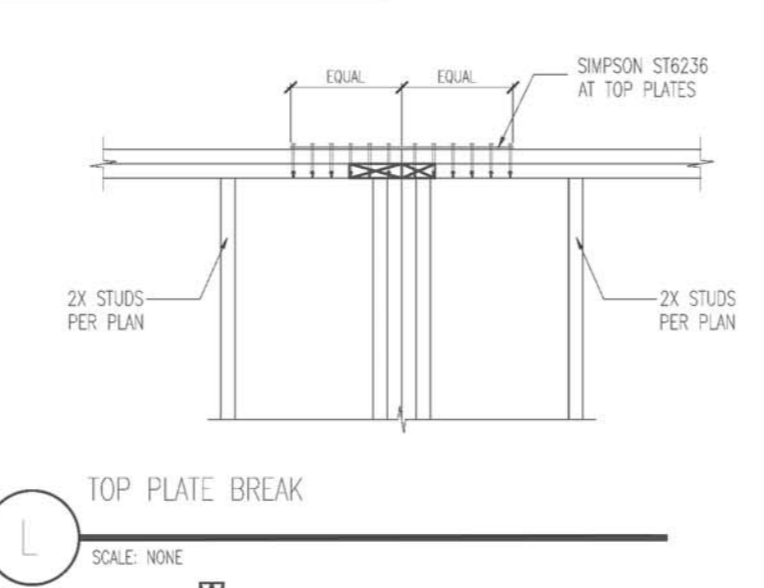
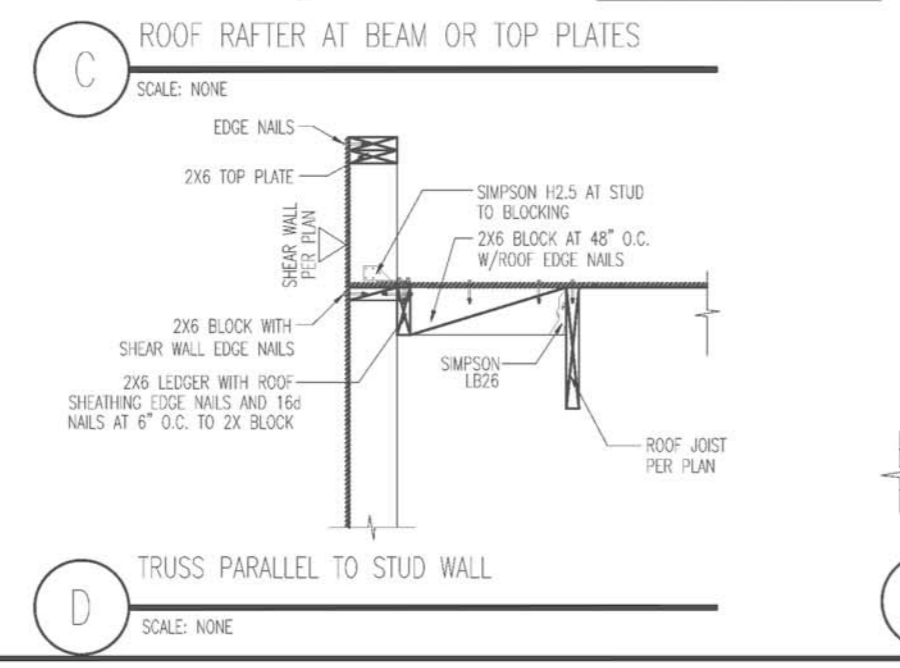
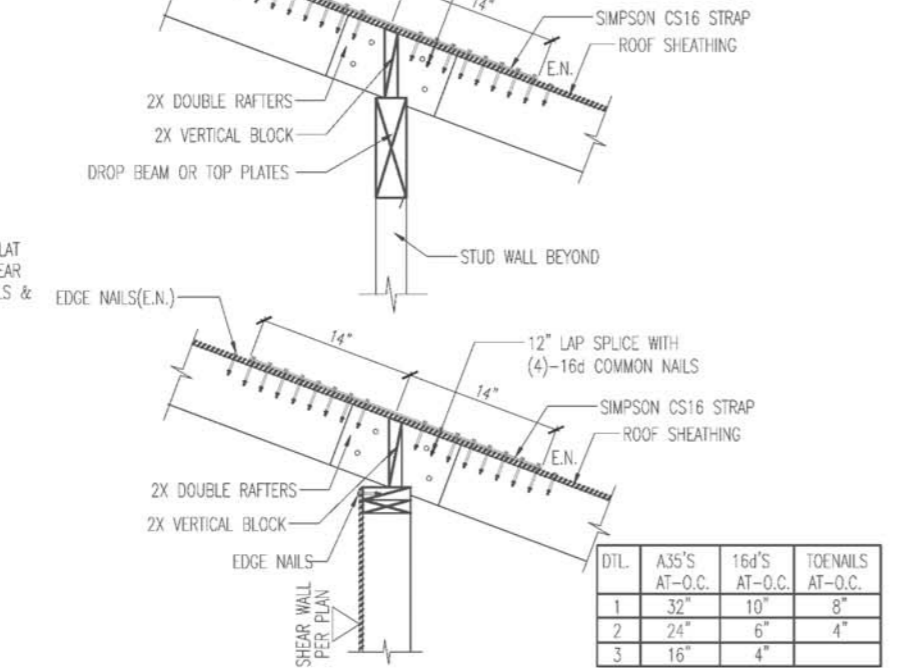
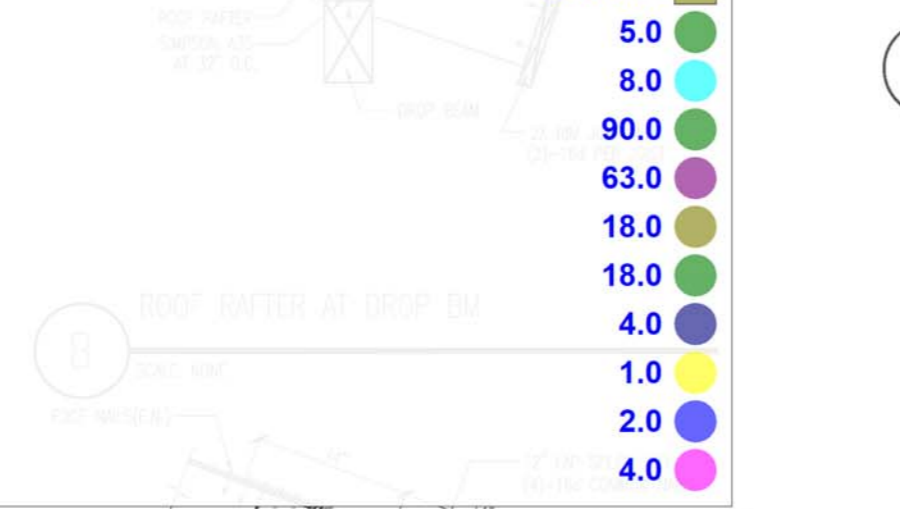
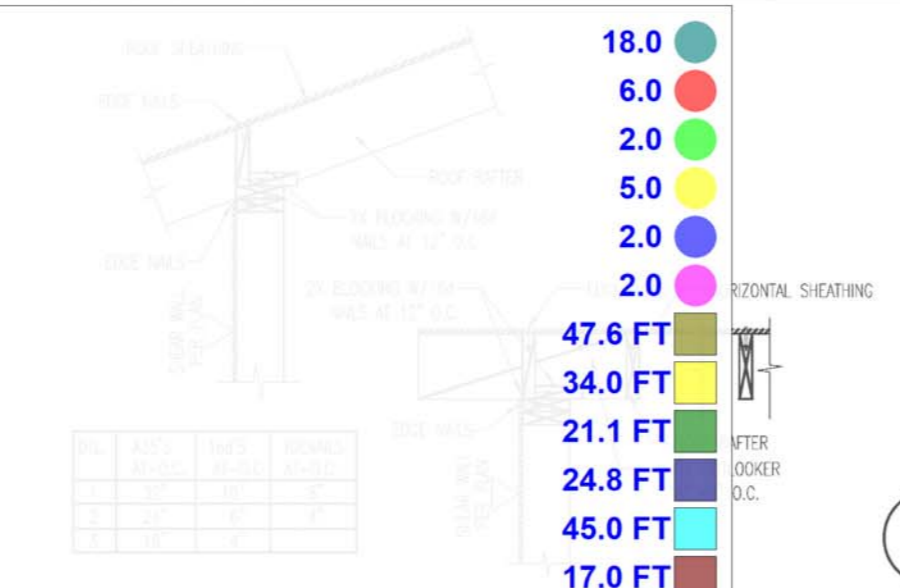
18.0	●
6.0	●
2.0	●
5.0	●
2.0	●
2.0	●
47.6 FT	■
34.0 FT	■
21.1 FT	■
24.8 FT	■
45.0 FT	■
17.0 FT	■
36.6 FT	■
40.8 FT	■
20.3 FT	■
12.2 FT	■
14.2 FT	■
643.3 FT	■
515.2 FT	■
262.1 FT	■
520.9 FT	■
5.0	●
8.0	●
90.0	●
63.0	●
18.0	●
18.0	●
4.0	●
1.0	●
2.0	●
4.0	●



DTL.	SIMP. STEEL STRAP
1	ST6224
2	MST48



DTL.	SIMP. STEEL STRAP
1	ST6236
2	MST48



ROOF FRAMING PLAN
1/4" = 1'-0"

- LEGEND:**
- B2 - NUMBER IN DETAIL TABLE SCHEDULE
 - - SHEET NUMBER
 - ⊗ - INDICATES SHEAR WALL DESIGN NUMBER
 - ⊗ - INDICATES BEAM AND HEADER DESIGN NUMBER
 - ⊗ - INDICATES SHEAR WALL SIZE
 - - ARROW INDICATES BEARING POINT
 - ↔ - ROOF RAFTER SPAN



SEVENTH HEAVEN
4096 TYROL WAY,
MOUNTAIN CHARLESTON, NV89124.

PROJECT: SEVENTH HEAVEN
DATE: 08-23-21

REVISIONS: [Table with columns for REVISIONS, CHECKED BY, DATE]

CHECKED BY: [Signature]
DATE: 08-23-21

DRAWN BY: DL

PROJECT # [Blank]
DRAWN BY: DL

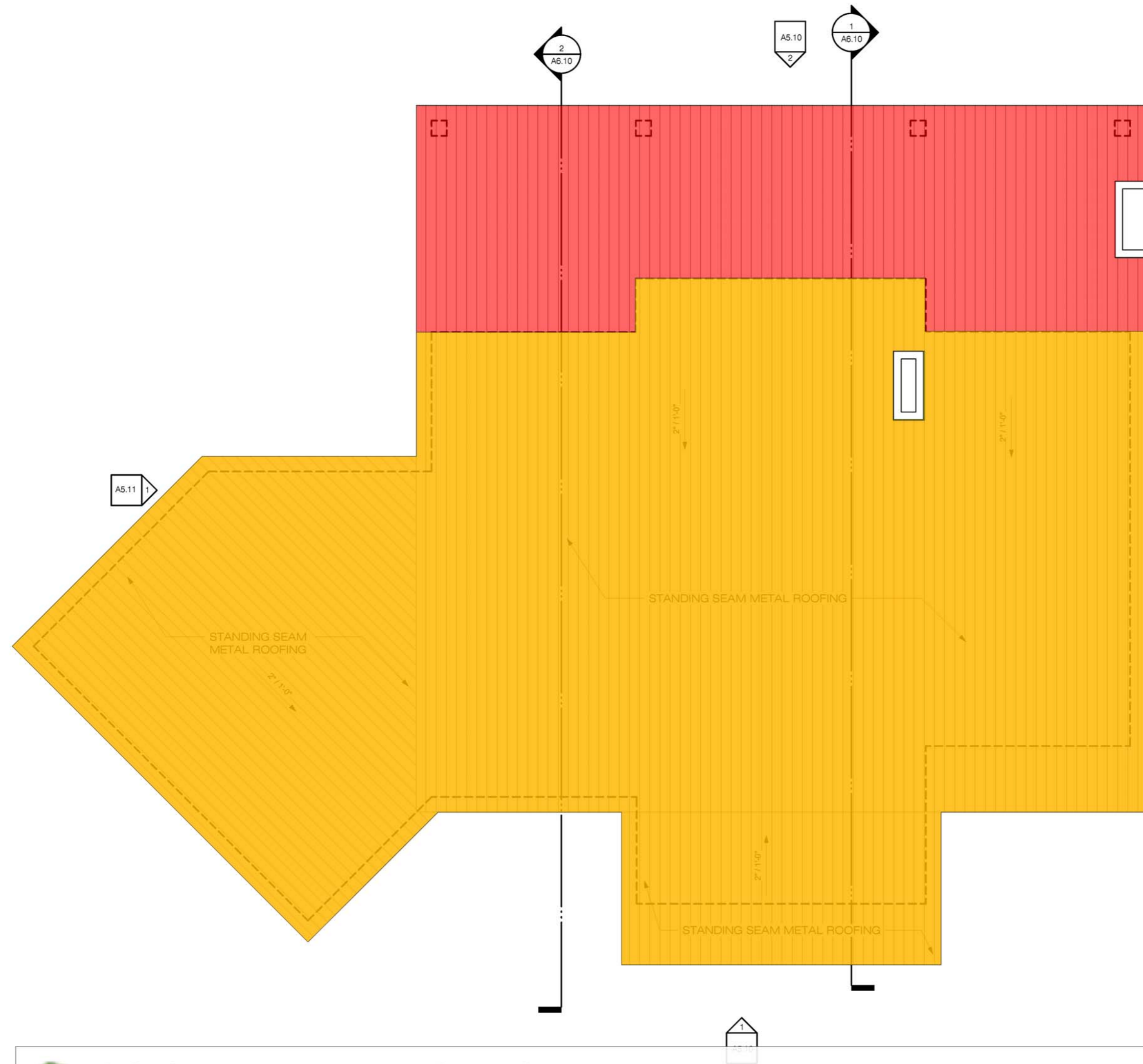
DAVID LIU & ASSOCIATES
Professional Engineers & Consultants
1800 PANAMA COURT, SUITE 200
LAS VEGAS, NEVADA 89134
(702) 586-8866 ph
(702) 255-1984 fx
STRUCTURAL ENGINEERING DESIGN & CONSULTATION

08-23-21

S-4

SHEET NOTES

- A. ALL FLASHING, COUNTER FLASHING, AND SHEET METAL WORK TO CONFORM WITH THE MINIMUM STANDARDS OF THE LATEST EDITION OF THE SMACNA MANUAL.
- B. ALL VENT INSTALLATION PER MANUFACTURER SPECIFICATION.
- C. ALL MECHANICAL AND ELECTRICAL PENETRATIONS OF THE ROOF SHALL MEET WITH ROOFING MANUFACTURERS RECOMMENDATIONS TO MAINTAIN INTEGRITY OF ROOFING SYSTEM.



 T&G Ceiling paneling & roofing	2,993.9 SQ FT 
 R-38 Batt insulation.	2,355.4 SQ FT 

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ROOF PLAN

SEVENTH HEAVEN - NEW BUILD

4096 TYROL WAY, LAS VEGAS, NV 89124

GREAT R E PROPERTIES L L C

TITLE PROJECT CLIENT

JOB NO: HRD-21-04-005

A4.10

SHEET NOTES

A. ARCHITECTURAL FINISHED FLOOR ELEVATIONS ASSUMED TO BE 100'-0". REFER TO APPROVED CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS.



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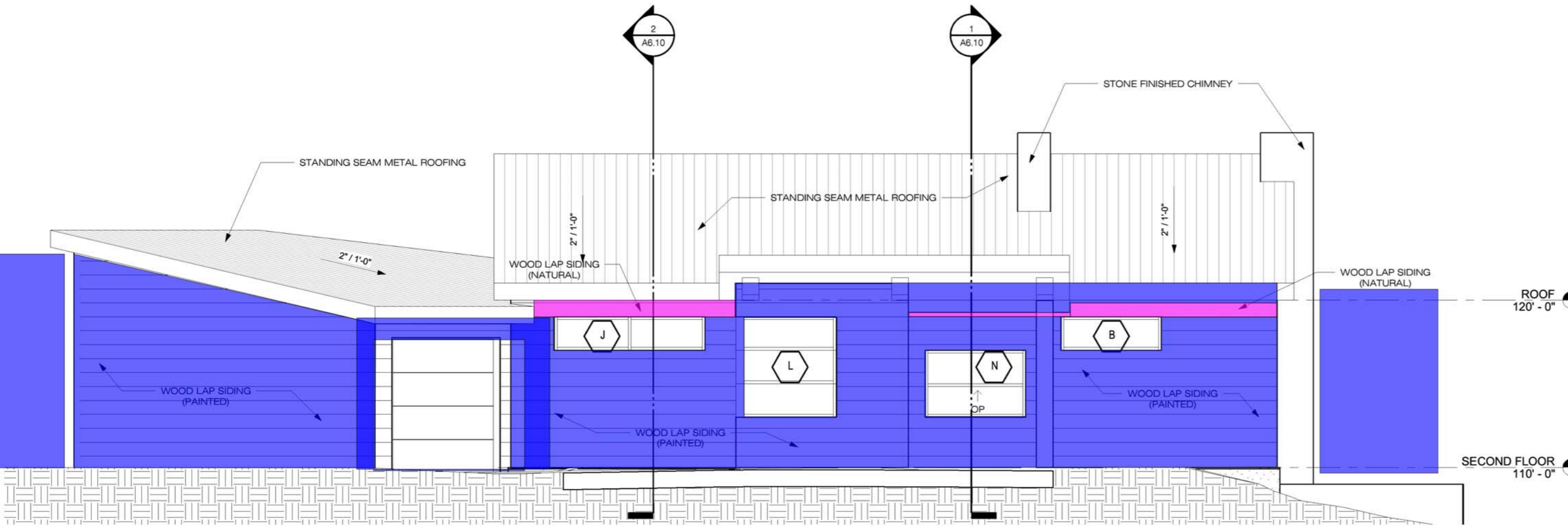
No.	Description	Date

EXTERIOR ELEVATIONS
SEVENTH HEAVEN - NEW BUILD
4096 TYROL WAY, LAS VEGAS, NV 89124
GREAT R E PROPERTIES L L C

TITLE PROJECT CLIENT

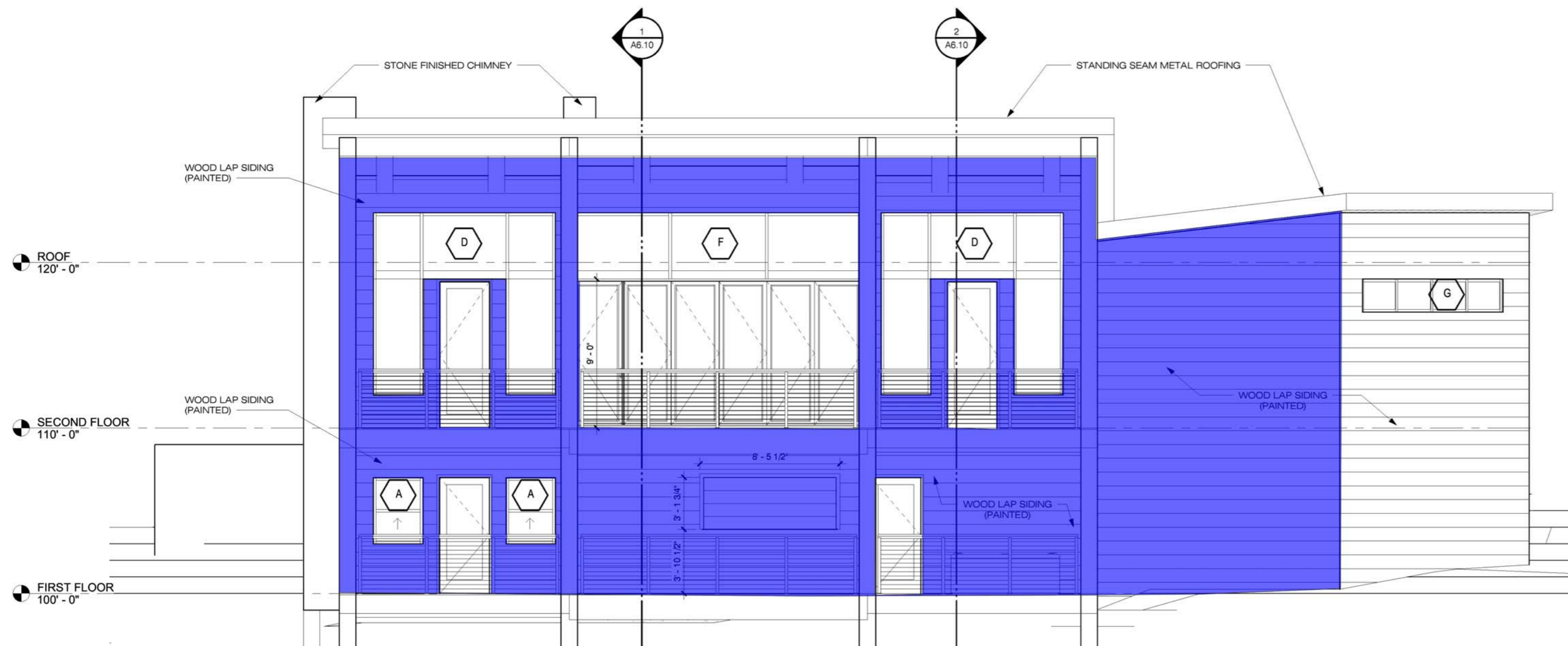
JOB NO: HRD-21-04-005

A5.10



ELEVATION - SOUTH

1/4" = 1'-0"



- Wood lap siding-painted.
- Wood lap siding (Natural)

1,803.0 SQ FT
24.8 SQ FT

ELEVATION - NORTH

1/4" = 1'-0"

SHEET NOTES

A. ARCHITECTURAL FINISHED FLOOR ELEVATIONS ASSUMED TO BE 100'-0". REFER TO APPROVED CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS.



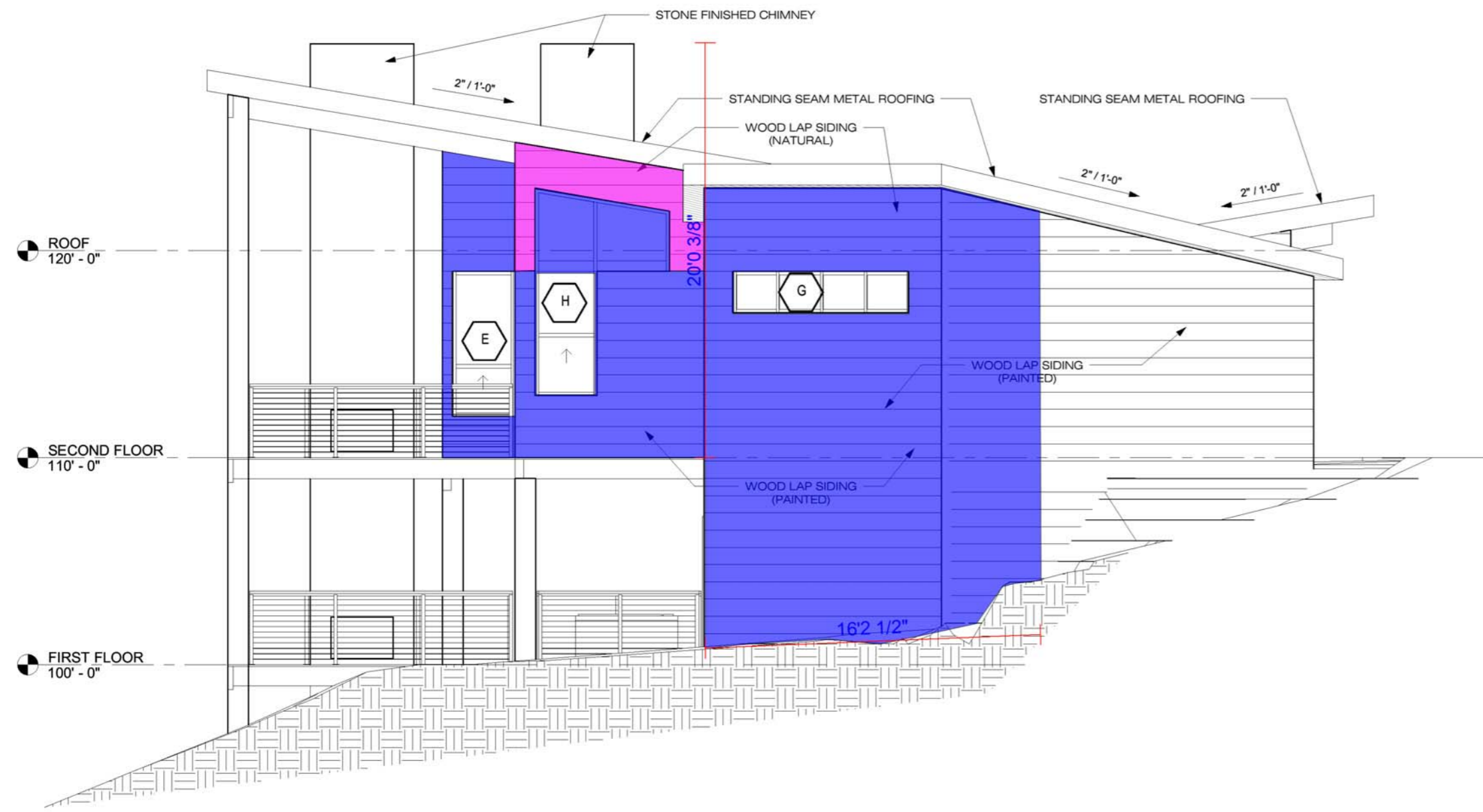
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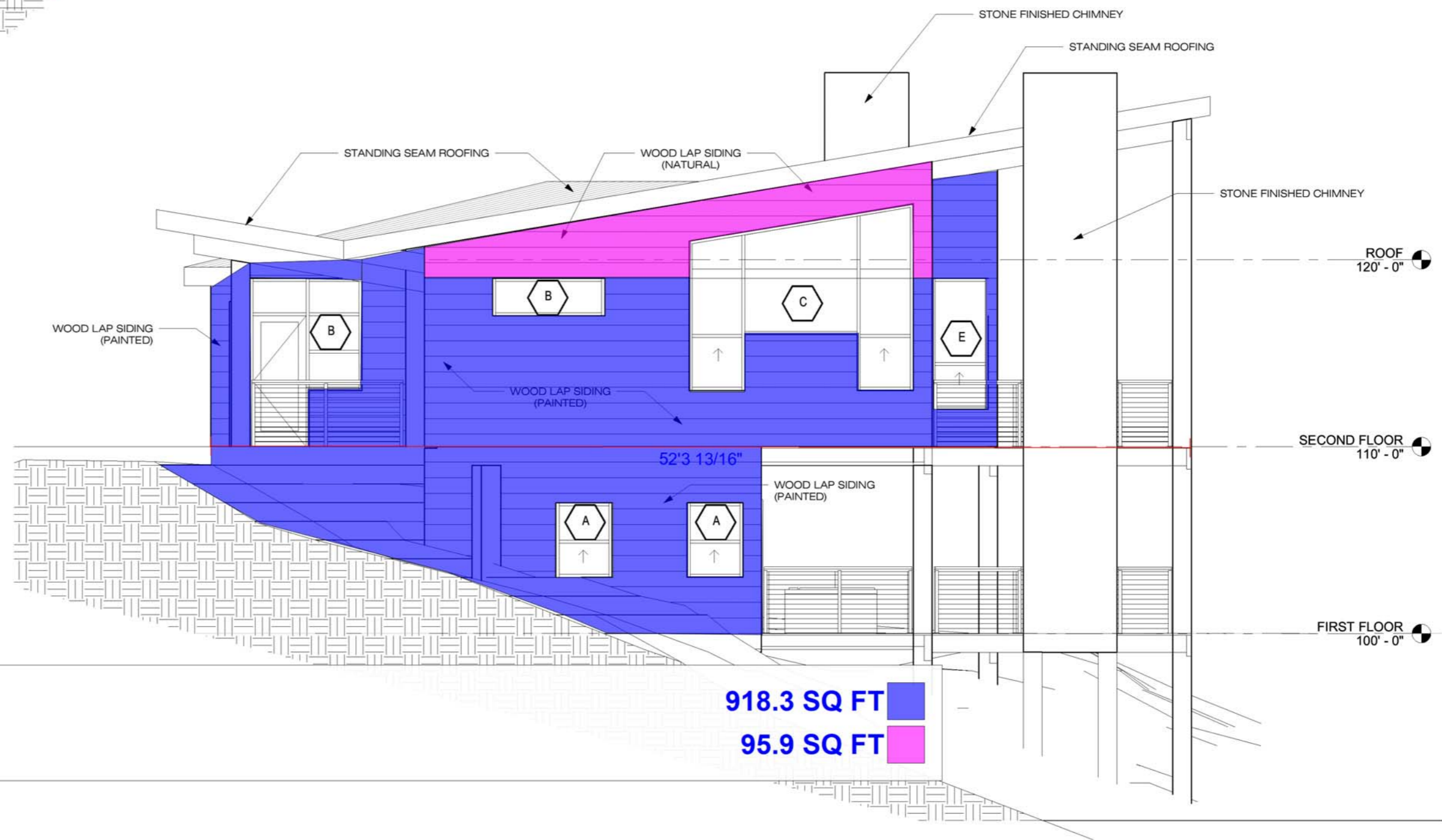


No.	Description	Date



ELEVATION - WEST

1/4" = 1'-0"



ELEVATION - EAST

1/4" = 1'-0"

- Wood lap siding-painted.
- Wood lap siding (Natural)

918.3 SQ FT

95.9 SQ FT

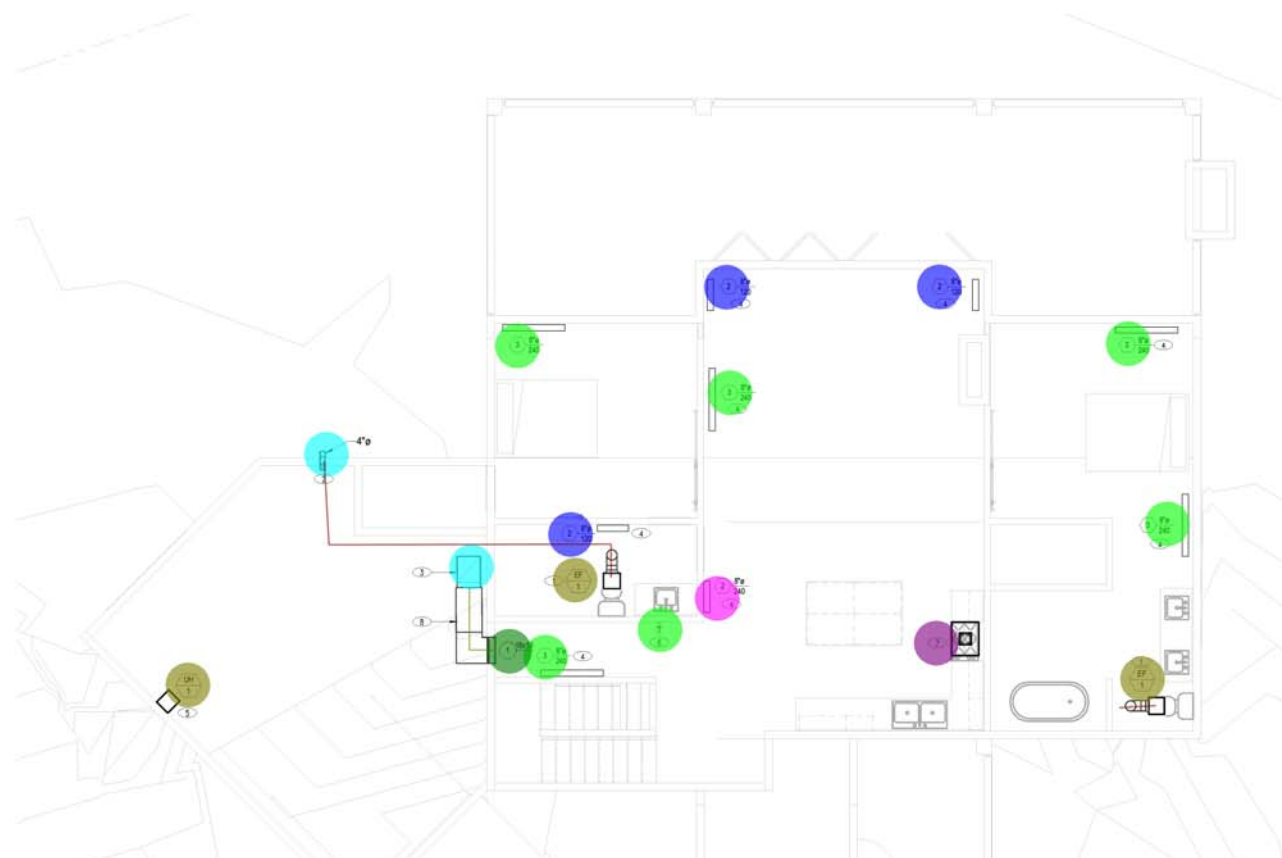
EXTERIOR ELEVATIONS
 SEVENTH HEAVEN - NEW BUILD

4096 TYROL WAY, LAS VEGAS, NV 89124
 GREAT R E PROPERTIES L L C

TITLE PROJECT CLIENT

JOB NO: HRD-21-04-005

A5.11



- (EF-1) EXHAUST FAN, REST ROOM EXHAUST , MANUF: (GREENHECK SP-B110) (100 CFM) 2.0
- (UH-1) UNIT HEATER, GARAGE, MANUF. MODEL: REZNOR (EMC3-AK3E-HK1-ARB4) (250 CFM) 1.0
- KITCHEN EXHAUST HOOD 1.0
- (S3)- SUPPLY AIR DIFFUSER, MANUF: TITUS TAF-L-V LINEAR BAR UNDERLOOR DIFFUSER. 4"WX48"L.(8") (240 CFM) 5.0
- (S2)- SUPPLY AIR DIFFUSER, MANUF: TITUS TAF-L-V LINEAR BAR UNDERLOOR DIFFUSER. 4"WX24"L.(8") (120 CFM) 3.0
- (S2)- SUPPLY AIR DIFFUSER, MANUF: TITUS TAF-L-V LINEAR BAR UNDERLOOR DIFFUSER. 4"WX24"L.(8") (240 CFM) 1.0
- THERMOSTAT 1.0
- (4"Dia) RECESSED DRYER DUCT WEATHER CAP W/ BACKDRAFT DAMPER 1.0
- (18"X18") METAL DUCT 5.7 FT
- (R1)- RETURN AIR DIFFUSER, MANUF: (PAR-AA, 18X18), ALUMINUM CONSTRUCTION, BORDER TYPE WALL MOUNT 1.0
- (18"X18") METAL DUCT (10'H) 1.0
- (4"Dia) ROUND DUCT 28.0 FT

1 HVAC PLAN - UPPER LEVEL
1/4" = 1'-0"

NOTICE

1. ALL DUCTWORK EXPOSED TO EXTERIOR SHALL BE EXTERIOR GRADE DUCTWORK WITH EXTERIOR GRADE INSULATION. REFER TO SPECIFICATIONS FOR R-VALUE. DUCTWORK SHALL PITCH ON TOP TO AVOID RAIN/MOISTURE PUDDLING.

NOTES

- CEILING MOUNTED EXHAUST FAN. ROUTE DUCTWORK THROUGH SIDEWALL TO EXTERIOR AND TERMINATE WITH WEATHER CAP AND BACKDRAFT DAMPER. PROVIDE WALL SWITCH.
- PROVIDE RECESSED DRYER CAN. ROUTE DRYER EXHAUST DUCT UP AND TERMINATE THROUGH SIDEWALL TO EXTERIOR. PROVIDE WEATHER CAP AND BACKDRAFT DAMPER.
- RETURN AIR DUCT UP FROM LEVEL BELOW.
- FLOOR MOUNTED SUPPLY AIR TERMINAL. COORDINATE WITH STRUCTURAL. COORDINATE FINAL LOCATION WITH OWNER/ARCHITECT.
- WALL MOUNTED ELECTRIC UNIT HEATER. COORDINATE ELECTRICAL REQUIREMENTS. COORDINATE FINAL LOCATION WITH OWNER/ARCHITECT.
- ARCHITECT TO SPECIFY LOCATION AND MODEL OF THERMOSTAT. COORDINATE LOCATION, ELECTRICAL REQUIREMENTS, AND MAKE AND MODEL WITH ARCHITECT. REFER TO MANUFACTURER INSTALLATION GUIDELINES. LOCATION ON PLANS SHOWN FOR REFERENCE ONLY.
- PROVIDE KITCHEN EXHAUST HOOD. COORDINATE WITH ELECTRICAL. HOOD TO PROVIDE A MINIMUM OF 100 CFM. PROVIDE 7" RIGID DUCT KITCHEN HOOD VENT. PROVIDE BACKDRAFT DAMPER AND TRANSITION AS REQUIRED. REFER TO MANUFACTURER FOR INSTALLATION REQUIREMENTS. COORDINATE FINAL LOCATION WITH ARCHITECT OWNER.
- ALL DUCTWORK ROUTED OUTSIDE TO BE PROVIDED WITH UNCONDITIONED SPACE INSULATION.

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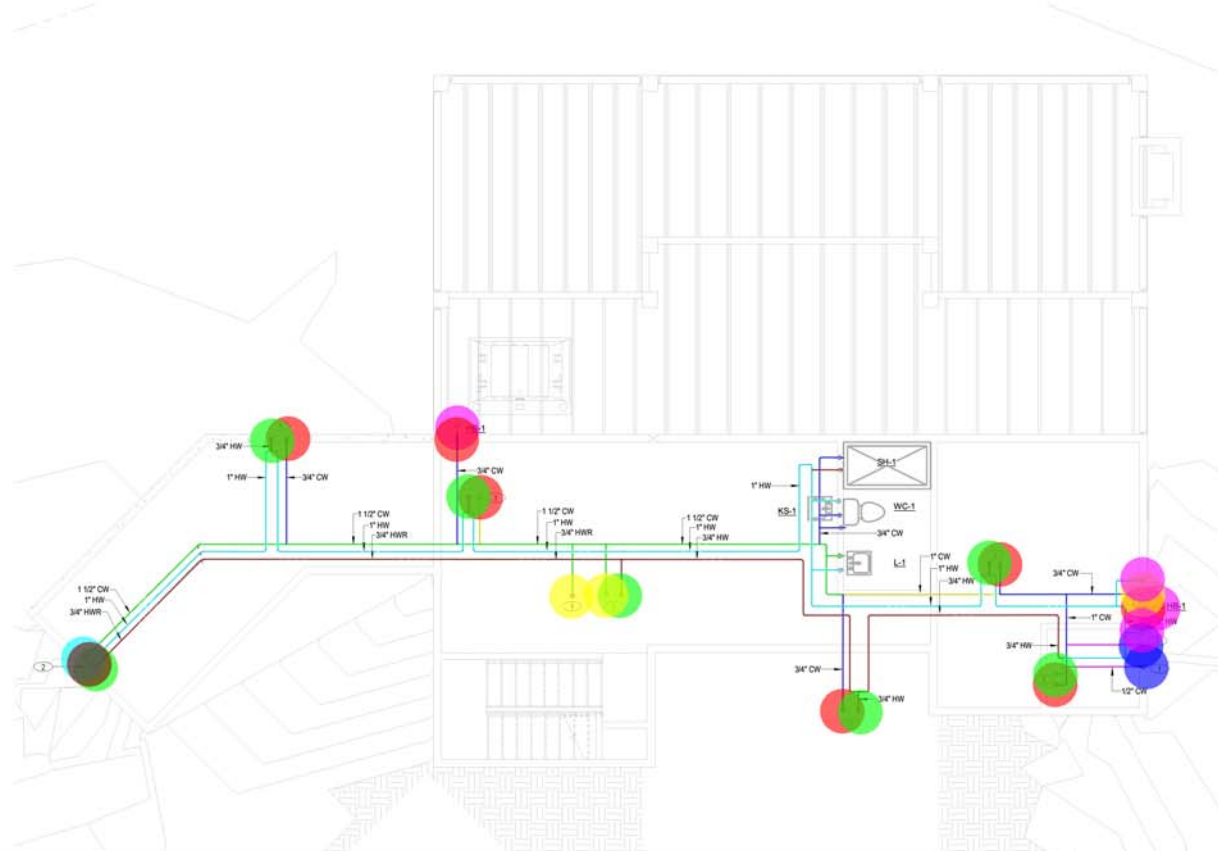
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MECHANICAL PLANS - UPPER LEVEL
SEVENTH HEAVEN - NEW BUILD
4096 TROLO WAY, MT. CHARLESTON, NV 89174
GREAT R E PROPERTIES LLC

TITLE	PROJECT	CLIENT

JOB NO: 123

M1.01



- (HB-1)- HOSE BIBB, WATTS MODEL SC8. CAST BRONZE, VACUUM BREAKER
 - ▬ (1-1/2") COLD WATER PIPE
 - ▬ (1") COLD WATER PIPE
 - ▬ (3/4") COLD WATER PIPE
 - ▬ (1/2") COLD WATER PIPE
 - ▬ (1") HOT WATER PIPE
 - ▬ (3/4") HOT WATER PIPE
 - (3/4") COLD WATER PIPE (12'H)
 - (3/4") HOT WATER PIPE (12'H)
 - (1") COLD WATER PIPE (12'H)
 - (1/2") COLD WATER PIPE (12'H)
 - (1") HOT WATER PIPE (12'H)
 - (1-1/2") COLD WATER PIPE (12'H)
 - (1") HOT WATER PIPE (12'H)
- | |
|------------|
| ● 2.0 |
| ● 62.6 FT |
| ● 13.1 FT |
| ● 51.0 FT |
| ● 9.9 FT |
| ● 122.3 FT |
| ● 89.2 FT |
| ● 7.0 |
| ● 7.0 |
| ● 3.0 |
| ● 2.0 |
| ● 2.0 |
| ● 1.0 |
| ● 1.0 |

NOTICE

1. NOTICE NOT USED.

NOTES

- ROUTE DOMESTIC WATER PIPES UP THRU FLOOR TO PLUMBING FIXTURES ON UPPER LEVEL. REFER TO UPPER LEVEL PLANS FOR CONTINUATION.
- DOMESTIC WATER PIPES DOWN TO LOWER LEVEL CEILING SPACE FROM UPPER LEVEL.



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PLUMBING PLANS - LOWER LEVEL WATER

SEVENTH HEAVEN - NEW BUILD

4096 TYROL WAY, MT. CHARLESTON, NV 89174

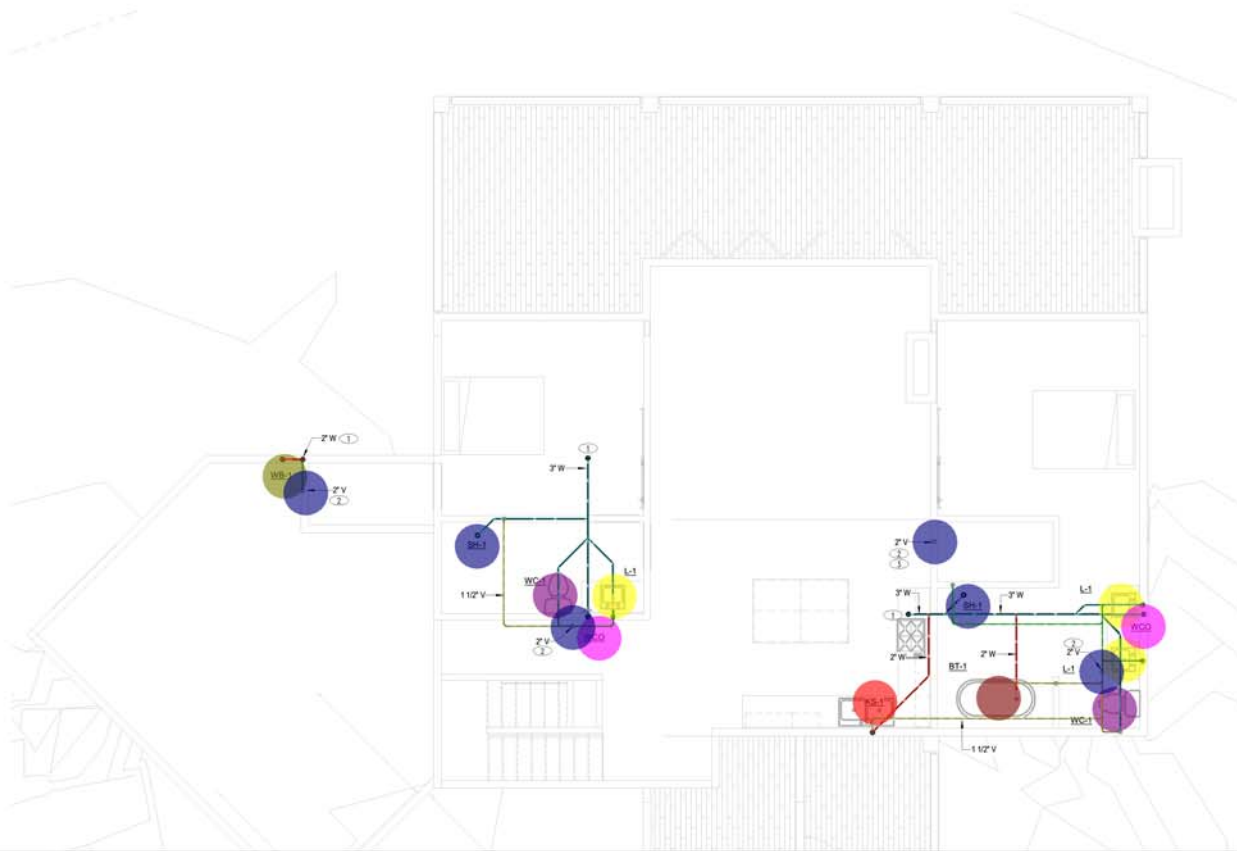
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TITLE	PROJECT	CLIENT
JOB NO. 123		

P1.01



- (L-1)- LAVATORY, AMERICAN STANDARD #0355.012 WALL MOUNTED LAVATORY WITH CONCEALED ARM SUPPORT, 1.5 GPM, #7402.000 GOO... 3.0
- (WC-1)- WTAER CLOSET, AMERICAN STANDARD, ADA COMPLIANT, ELONGATED BOWL 215AA.104 TANK TYPE WITH COMFORT SEATS C106... 2.0
- (SH-1)- SHOWER, SLOAN AC-11-2.5GPM-BN ACT-O-MATIC SHOWER HEAD, 2.5 GPM, BRUSHED NICKEL. FURNISH WITH MIXING VALVE AND ... 2.0
- (KS-1)- KITCHEN SINK, ELKAY DI10126X 18 GAU. STAINLESS STEEL ONE COMPARTMENT DROP IN SINK . 13\"X17\"X6\". 1.0
- (BT-1) BATHTUB, CONFIRM BATHTUB, FAUCET, HANDLE, DIVERTER, AND ALL ACCESSORY 1.0
- (WB-1)- WASHING MACHINE OUTLET BOX, SIOUX CHIEF OXBOX MODEL 696-G2303MF 1.0
- (WCO)- WALL CLEANOUT 2.0
- (3\" WASTE PIPE 55.7 FT
- (2\" VENT PIPE 26.7 FT
- (2\" WASTE PIPE 15.6 FT
- (1-1/2\" VENT PIPE 36.3 FT
- (2\" VENT PIPE (15'H) 4.0

NOTICE

1. NOTICE NOT USED.

NOTES

- ⊖ WASTE PIPE DROP. REFER TO LOWER LEVEL PLANS FOR CONTINUATION.
- ⊖ ROUTE VENT PIPE UP THRU ROOF AND TERMINATE WITH WEATHER CAP.
- ⊖ VENT PIPE UP FROM FLOWER LEVEL CEILING SPACE.



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PLUMBING PLAN - UPPER LEVEL WASTE AND VENT

SEVENTH HEAVEN - NEW BUILD

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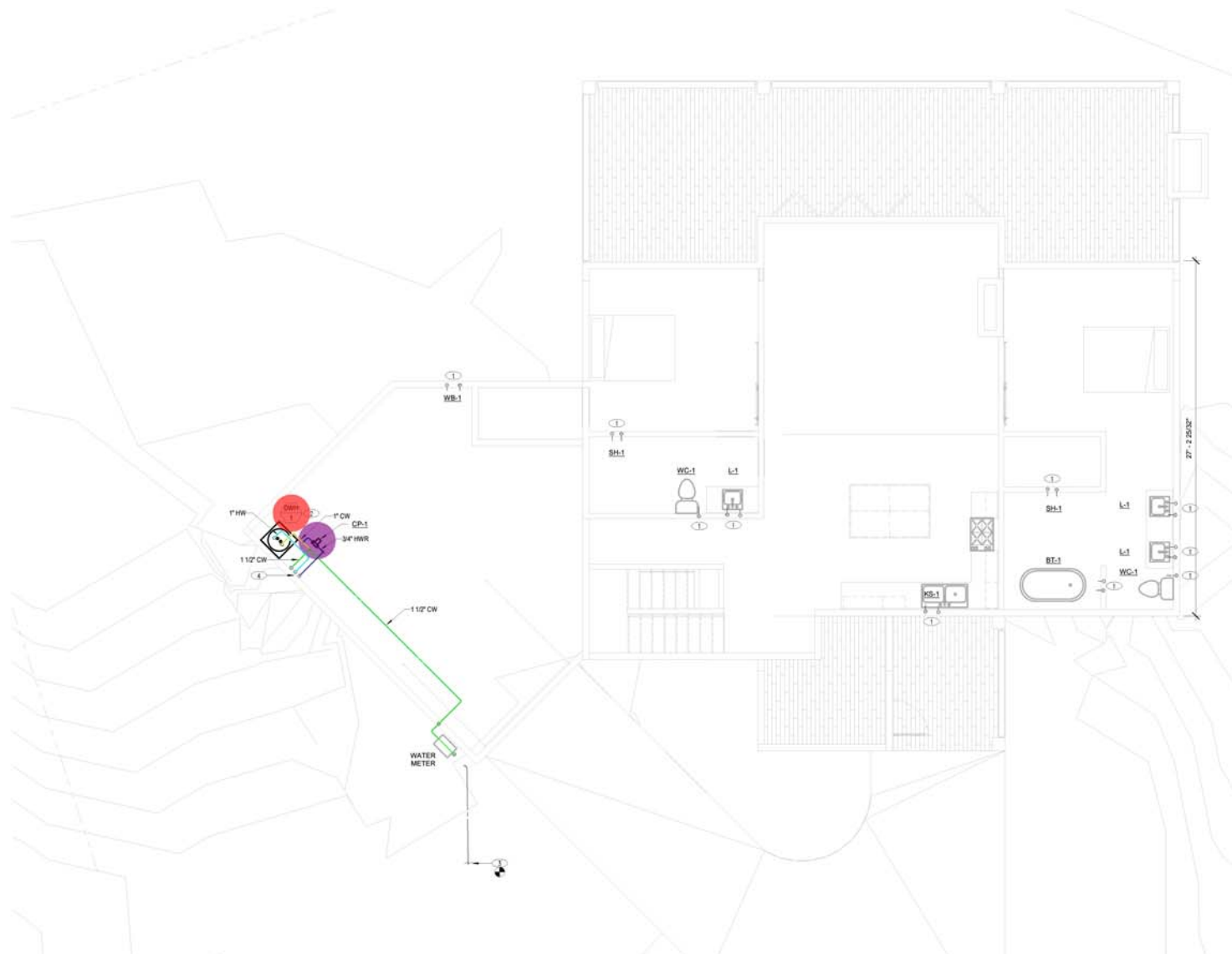


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TITLE PROJECT CLIENT

JOB NO: 123

P1.10



NOTICE

1. NOT USED

NOTES

- ROUTE DOMESTIC WATER PIPES UP TO UPPER LEVEL FIXTURE FROM LOWER LEVEL CEILING SPACE. SEE LOWER LEVEL PLANS FOR CONTINUATION.
- ELECTRIC TANK WATER HEATER. PROVIDE PROTECTIVE BOLLARD.
- PROVIDE PIPE CONNECTION TO CIVIL MAIN. REFER TO CIVIL PLANS FOR CONTINUATION.
- ROUTE DOMESTIC WATER AND GAS PIPES DOWN THROUGH FLOOR TO CEILING SPACE OF LOWER LEVEL.

●●● (CP-1)- CIRCULATION PUMP, BELL AND GOSSETT NBF-10 (115V/1PH, 0.46... 1.0	●●● (DWH-1)- ELECTRIC TANK WATER HEATER, MANUF. MDL: (AO SMITH DEL... 1.0
1 1/2" (1-1/2") COLD WATER PIPE	24.2 FT
1" (1") HOT WATER PIPE	5.3 FT
3/4" (3/4") HOT WATER RETURN PIPE	4.1 FT
1" (1") COLD WATER PIPE	3.0 FT



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PLUMBING PLAN - UPPER LEVEL WATER

SEVENTH HEAVEN - NEW BUILD

4096 TROLO WAY, MT. CHARLESTON, NV 89174

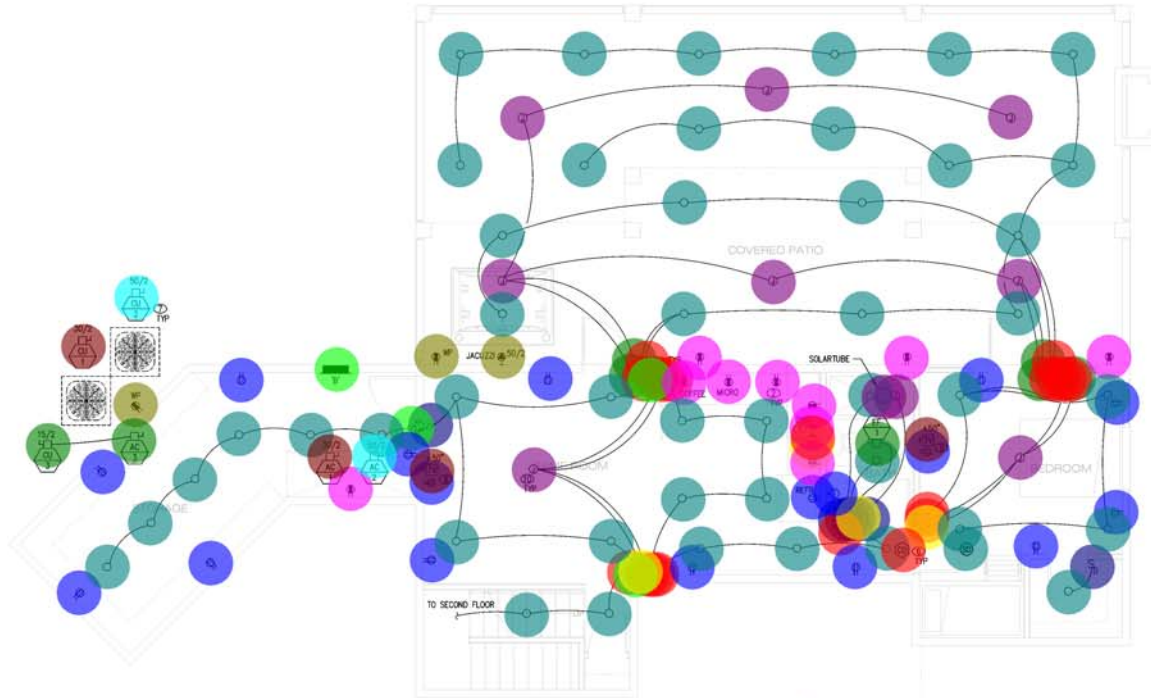
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JOB NO. 123		

P1.11



- THREE-WAY SWITCH
- DIMMER SWITCH
- SMOKE DETECTOR
- THREE-WAY DIMMER SWITCH
- FOUR-WAY DIMMER SWITCH
- SINGLE POLE SWITCH
- DUPLEX RECEPTACLE
- GFCI RECEPTACLE
- GFCI WEATHERPROOF RECEPTACLE
- JUNCTION BOX
- DUPLEX RECEPTACLE/ HALF-SWITCHED
- ELECTRIC PANEL BOARD "B", 200A
- VANITY SCONCE
- TELEVISION OUTLET
- SPECIAL PURPOSE RECEPTACLE
- CEILING RECESSED LED FIXTURE
- CARBON MONOXIDE SENSOR
- SOLAR TUBE
- NON-FUSED DISCONNECT SWITCH (50/2)
- NON-FUSED DISCONNECT SWITCH (30/2)
- NON-FUSED DISCONNECT SWITCH (15/2)

- 6.0
- 6.0
- 1.0
- 16.0
- 3.0
- 4.0
- 16.0
- 10.0
- 2.0
- 9.0
- 1.0
- 1.0
- 2.0
- 1.0
- 1.0
- 46.0
- 1.0
- 2.0
- 2.0
- 3.0

GENERAL NOTES

- A. PER THE 2017 NATIONAL ELECTRICAL CODE, SECTION 210.12(D), ALL BRANCH CIRCUITS THAT SUPPLY 120 VOLT, SINGLE PHASE, 15- AND 20-AMP OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DEN, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED COMBINATION TYPE AFCI-FULT CIRCUIT INTERRUPTER INSTALLED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.
- B. BRANCH CIRCUITING SHALL COMPLY WITH THE SOUTHERN NEVADA AMENDMENTS TO THE 2017 NATIONAL ELECTRICAL CODE, SECTION 210.3(3)(7) AND SECTION 210.52(9)(3).
- C. CEILING MOUNT SURFACE LIGHT FIXTURES MAY BE USED IN LIEU OF RECESSED CAN TYPE LIGHT FIXTURES, TYPICAL ALL CANS/ OUTLETS ARE TO BE TAMPER RESISTANT.
- D. PER THE 2017 NATIONAL ELECTRICAL CODE, SECTION 406.12, ALL OUTLETS ARE TO BE TAMPER RESISTANT.
- E. WHEN EITHER ONE SMOKE ALARM AND/OR MORE THAN ONE CARBON MONOXIDE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT, ALL ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT.
- F. A MINIMUM OF 90% OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH EFFICACY LAMPS. (2018 IECC R404.1)

KEY NOTES

1. BELOW COUNTER, 1/2 SWITCHED RECEPTACLE FOR GARBAGE DISPOSAL USE.
2. HORIZONTAL MOUNT RECEPTABLES AT ABOVE KITCHEN COUNTER. EXACT REQUIREMENTS WITH ARCHITECT PRIOR TO ROUGH-IN.
3. PROVIDE RECEPTACLE IN UPPER CABINET FOR MICROWAVE. VERIFY EXACT REQUIREMENTS WITH ARCHITECT PRIOR TO ROUGH-IN.
4. PROVIDE RECEPT, LIGHT AND SWITCH PER NEC AT ATTIC ACCESS.
5. PROVIDE SINGLE 30A, DRYER OUTLET @ 4"24" FOR DRYER.
6. LOCAL 120V SMOKE/CARBON MONOXIDE DETECTOR W/ BATTERY BACKUP FOR COMMON LIVING SPACE. CONNECT TO LINE-SWITCHED DEDICATED BRANCH CIRCUIT TO ALL OTHER SMOKE DETECTORS. (SAME PHASE CONNECTION) INTER-CONNECT TO ALL OTHER DETECTORS WITHIN LIVING UNIT. ALL OTHER DETECTORS MAY BE 120V SMOKE ONLY.
7. PROVIDE DISCONNECT FOR MECHANICAL UNIT, INCLUDING CONTROLS AS REQUIRED. VERIFY LOCATION W/ MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
8. PROVIDE DUAL-NOTE CHIME, TRANSFORMER & DOORBELL SYSTEM. VERIFY CHIME LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
9. PROVIDE DUPLEX RECEPTACLE W/ PASS-THRU COVER PLATE @ +50" AND DOUBLE DUPLEX RECEPTACLE AND LOW-VOLTAGE OUTLETS W/ PASS-THRU COVER PLATE @ +18" FOR WALL MOUNT TV. COORDINATE WITH OWNER PRIOR TO INSTALLATION.
10. J-BOX INSTALLED PER NEC 432.18 AND NEC 314.26(C). PRE-WIRE FOR FUTURE CEILING FAN.
11. J-BOX FOR FUTURE FAN CONTROLLER. PRE-WIRE FOR FUTURE CONNECTION TO CEILING FAN. PROVIDE (1)SWITCH FOR FAN LIGHT AND (1)SWITCH FOR FAN MOTOR.
12. TO LIVE POINT OF CONNECTION. REFER TO UTILITY DRAWINGS FOR CONDUIT AND SIZE AND ADDITIONAL INFORMATION.
13. TO CENTURY LINK / COX POINT OF CONNECTION. REFER TO UTILITY DRAWINGS FOR CONDUIT AND SIZE AND ADDITIONAL INFORMATION.

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6/26/2021

No.	Description	Date

ELECTRICAL PLAN - FIRST FLOOR

SEVENTH HEAVEN - NEW BUILD

4096 TROLO WAY, APT. CHARLESTON, NV 89124

GREAT R E PROPERTIES L L C

TITLE: PROJECT: CLIENT:

JOB NO: 123

E1.01

QIA CONSULTING ENGINEERS

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