

SHEET INDEX

| | |
|------------------------------------|-------|
| <u>ARCHITECTURAL</u> | |
| COVER PAGE | G0.01 |
| SITE/GRADING PLAN | G1.01 |
| FLOOR PLAN | A1.01 |
| CEILING PLAN | A1.02 |
| ELEVATIONS AND ROOF PLAN | A2.01 |
| SECTIONS VIEWS | A3.01 |
| SECTIONS VIEWS | A3.02 |
| SECTIONS VIEWS | A3.03 |
| ARCHITECTURAL DETAIL VIEWS | A5.01 |
| DOOR, WINDOW, & FASTENER SCHEDULES | A6.01 |
| <u>STRUCTURAL</u> | |
| FOUNDATION PLAN | S1.01 |
| FLOOR FRAMING PLAN | S1.02 |
| CEILING FRAMING PLAN | S1.03 |
| ROOF FRAMING PLAN | S1.04 |
| STRUCTURAL DETAIL VIEWS | S5.01 |
| STRUCTURAL DETAIL VIEWS | S5.02 |
| STRUCTURAL BEAM PLAN | S7.01 |
| BRACED WALL LINE PLAN | S7.02 |
| <u>PLUMBING</u> | |
| SEWER LINE PLAN | P1.01 |
| WATER LINE PLAN | P2.02 |
| GAS LINE PLAN | P3.03 |
| <u>MECHANICAL</u> | |
| MECHANICAL PLAN | MI.01 |
| <u>ELECTRICAL</u> | |
| ELECTRICAL PLAN | EI.01 |

SUMMARY

| | |
|--------------------------------|----------------|
| PARCEL | 402-04-276L |
| LEGAL JURISDICTION | DEWEY-HUMBOLDT |
| ZONING | RIL-70 |
| SETBACKS - ZONING | |
| FRONT | 50' |
| SIDE (INTERIOR) | 25' |
| SIDE (EXTERIOR) | 30' |
| REAR | 50' |
| BUILDING CODE | 2012 IRC |
| ENERGY CODE | 2012 EEC |
| BUILDING AREAS | |
| TOTAL FINISHED LIVING AREA | 3620SF |
| GARAGE | 860SF |
| PORCH ROOFS (>4' OVERHANG) | 511SF |
| GROSS ROOF AREA WITH OVERHANGS | 4991SF |

NEW SINGLE FAMILY RESIDENCE FOR ADAM & MAGGIE GOLDENSTEIN

10685 E ROCKY HILL RD
DEWEY, AZ 86327



DEFERRED SUBMITTALS

ALL DEFERRED SUBMITTALS TO BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION

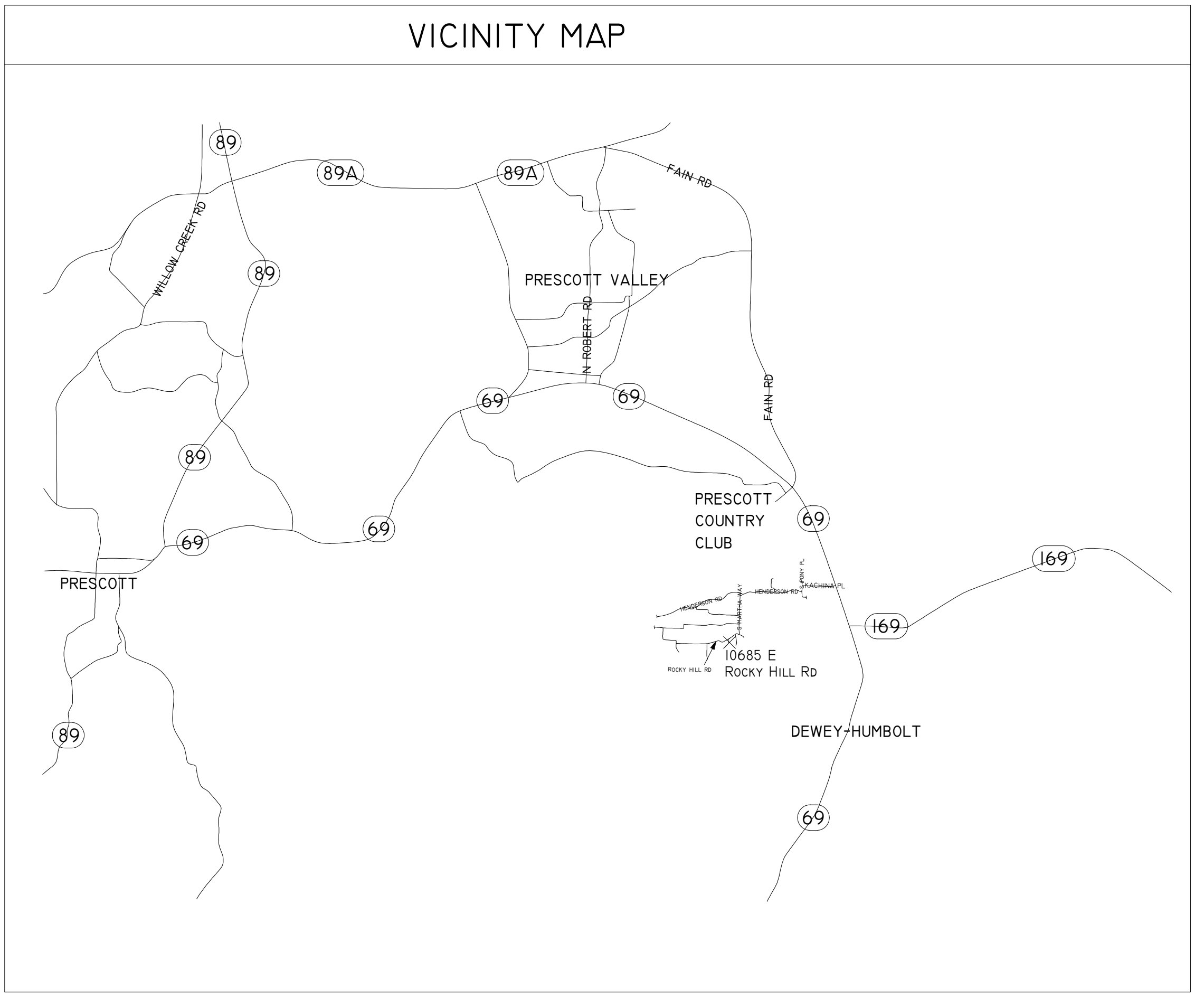
- PRE-FAB SCISSOR TRUSSES FOR HOUSE.
- PRE-FAB METAL SHOP BUILDING.

DESIGNED BY

ADAM GOLDENSTEIN
11136 E HAVASUPAI TRAIL
DEWEY, AZ 86327
602-626-0980

BUILDER

ADAM GOLDENSTEIN
11136 E HAVASUPAI TRAIL
DEWEY, AZ 86327
602-626-0980



General Notes

| | | |
|-----|----------------|------|
| | | |
| | | |
| | | |
| No. | Revision/Issue | Date |

Sheet Title

COVER PAGE

Project Name and Address

GOLDENSTEIN RESIDENCE
10685 E ROCKY HILL RD
DEWEY, AZ 86327

| | |
|------------------------------|--------------|
| Drawn By ADAM GOLDENSTEIN | Sheet |
| Date 3/23/2018 | G0.01 |
| Scale | |

GRADING NOTES

1. BUILDING AREA AND DRIVEWAYS TO BE IMPROVED VIA CUT AND FILL TECHNIQUE.
2. BUILDING FOUNDATIONS SHALL REST ON UNDISTURBED SOIL AND NOT FILL.
3. CONCRETE SLAB-ON-GROUND FLOORS MAY HAVE FILL CONSISTING OF UP TO 24" OF CLEAN SAND OR GRAVEL FILL AND 8" OF CLEAN EARTH PROVIDED IT IS WELL COMPACTED.
4. EXCESS SOIL MATERIAL GENERATED FROM EARTHWORK MAY BE USED TO BUILD UP DRIVEWAYS.
5. GROUND IMMEDIATELY ADJACENT TO THE FOUNDATION SHALL BE SLOPED AWAY FROM THE BUILDING A MINIMUM OF 6' WITHIN THE FIRST 10' OR PER IRC R401.3.
6. SLOPES LESS THAN 1H:1.5V DO NOT REQUIRE ANY SPECIAL FINISHING.
7. NO ROCK OR SIMILAR IRREDUCIBLE MATERIAL WITH A MAXIMUM DIMENSION GREATER THAN EIGHT INCHES (8") SHALL BE ALLOWED IN FILLS IN THE ABSENCE OF A SOILS REPORT AND INSPECTION BY A SOILS ENGINEER.
8. ALL FILLS SHALL BE COMPACTED, (DENSIFICATION OF FILL BY MECHANICAL MEANS) TO A MINIMUM OF 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D1557 TEST PROCEDURES AND VERIFIED BY AN ENGINEERED FILL COMPACTION REPORT WHEN SUPPORTING A STRUCTURE.
9. ALL NATIVE SLOPES GREATER THAN 5H:1V AND UNDERLYING ENGINEERED FILL ZONES SHALL BE BENCHMARKED TO FORM HORIZONTAL SURFACES.
10. THE FACES OF CUT AND FILL SLOPES SHALL BE PREPARED AND MAINTAINED TO CONTROL EROSION. THIS CONTROL MAY CONSIST OF EFFECTIVE PLANTING.
11. ALL FILLS OVER 2 FEET IN DEPTH REQUIRE COMPACTION.
12. MAXIMUM SLOPE FOR DRIVEWAYS IS 15% FOR AN UNPAVED SURFACE AND 20% FOR A PAVED SURFACE.

LOT SIZE AND ZONING REQUIREMENTS FOR RIL-70

| PROPOSED BUILDING GROUND AREA (S.F.) | ZONING REQ | HOUSE | SHOP | TOTAL |
|--------------------------------------|------------|-------|-------|---------|
| - | - | 4,480 | 2,484 | 6,964 |
| ACTUAL LOT AREA (S.F.) | - | - | - | 186,279 |
| MIN LOT SIZE (S.F.) | 70,000 | - | - | - |
| MIN AREA PER DWELLING (S.F.) | 70,000 | - | - | - |
| MIN LOT WIDTH AND DEPTH (FT) | 200 | - | - | - |
| MIN YARD SETBACK FRONT (FT) | 50 | 50 | 50 | - |
| MIN YARD SETBACK REAR (FT) | 50 | 50 | 50 | - |
| MIN YARD SETBACK INTERIOR (FT) | 25 | 25 | 25 | - |
| MIN YARD SETBACK EXTERIOR (FT) | 30 | 30 | 30 | - |
| MAX BUILDING HEIGHT STORIES | 2 | 1 | 2 | - |
| MAX BUILDING HEIGHT (FT) | 30 | 23 | 21 | - |
| MAX LOT COVERED (5) | 15 | 2.40% | 1.33% | 3.74% |
| MIN BUILDING SPACING (FT) | 10 | - | - | - |

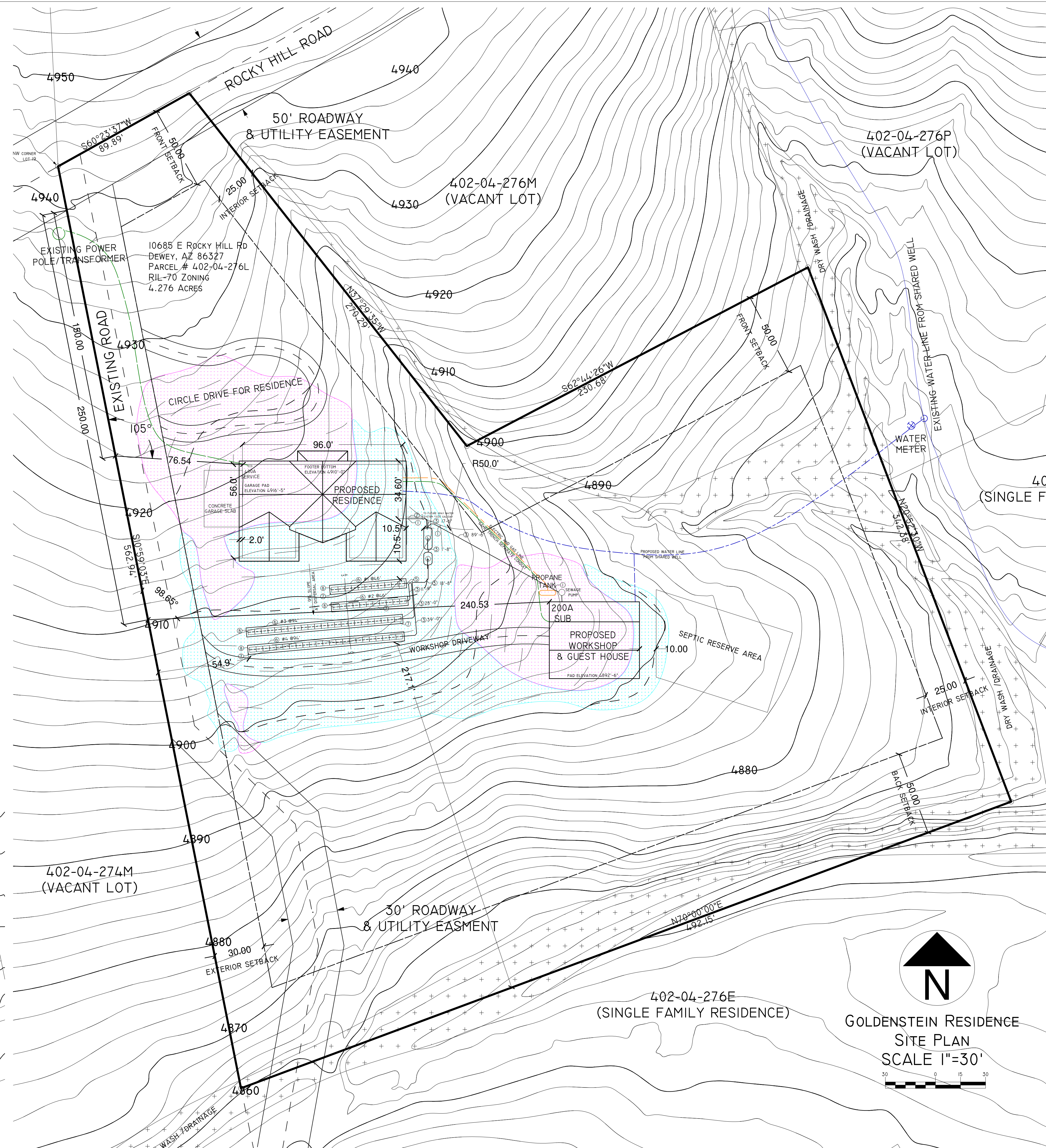
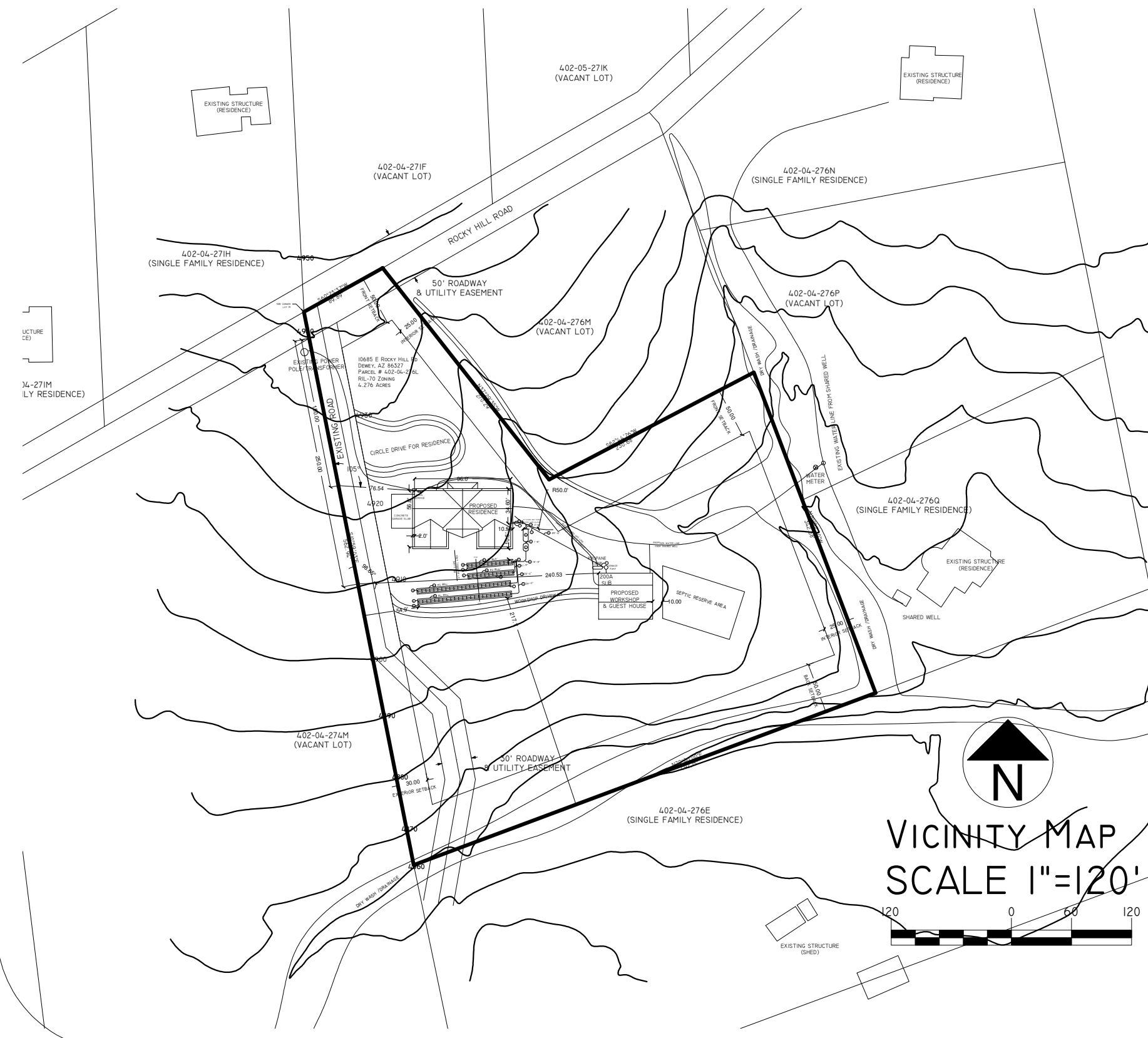
SEPTIC COMPONENT KEYNOTES

- 1 2-WAY CLEANOUT
- 2 GRAY WATER VALVE
- 3 4" SDR-35 OR SCHD-40* SEWER PIPE
- 4 1500 / 750 GAL SINGLE COMPARTMENT SEPTIC TANKS** MEETING ALL REQUIREMENTS OF R18-9-A314
- 5 DISTRIBUTION BOX SET ON LEVELED MASONRY SURFACE
- 6 ELJEN ENGINEERED PAD TRENCH PER SEPTIC PLAN
- 7 INSPECTION PIPES
- 8 4" VENT PIPE AT END OF EACH TRENCH

*SDR-35 "HIGH STRENGTH" PIPE SHALL BE USED WHEN PIPE IS GREATER THAN 2' BELOW GRADE.
 **POLYTANK SHOWN: SNYDER NEXGEN D2 1500 / 750 ONE COMPARTMENT TANK

LEGEND

- GRADING CUT AREA
- GRADING FILL AREA
- ROAD/DRIVEWAY
- WATER LINE
- ELECTRIC LINE
- GAS LINE
- EXISTING CONTOUR LINE
- NEW CONTOUR LINE
- DRY WASH



General Notes

INITIAL RELEASE

| No. | Revision/Issue | Date |
|-----|----------------|---------|
| - | - | 3/12/18 |

Sheet Title

SITE/GRADING PLAN

GRADING CONTOURS

Project Name and Address

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

Drawn By
 ADAM GOLDENSTEIN

Date
 3/23/2018

Scale
 1"=30'

Sheet
GI.01

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

FLOOR PLAN

Sheet Title

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

Project Name and Address

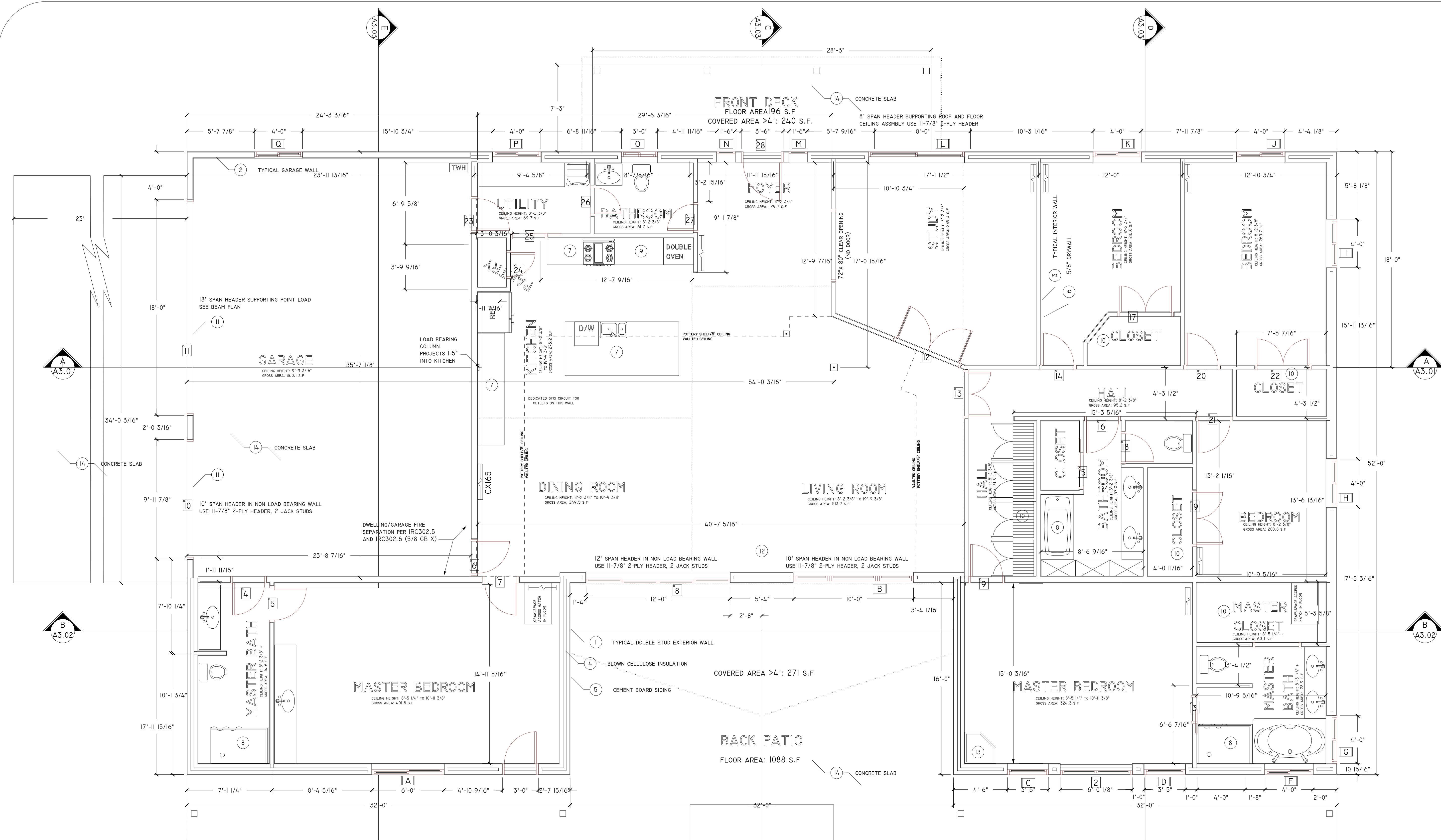
Drawn By
 ADAM GOLDENSTEIN
 Date
 3/23/2018
 Scale
 1/4" = 1'-0"

Sheet

AI.01

FLOOR PLAN

1/4" = 1'-0"

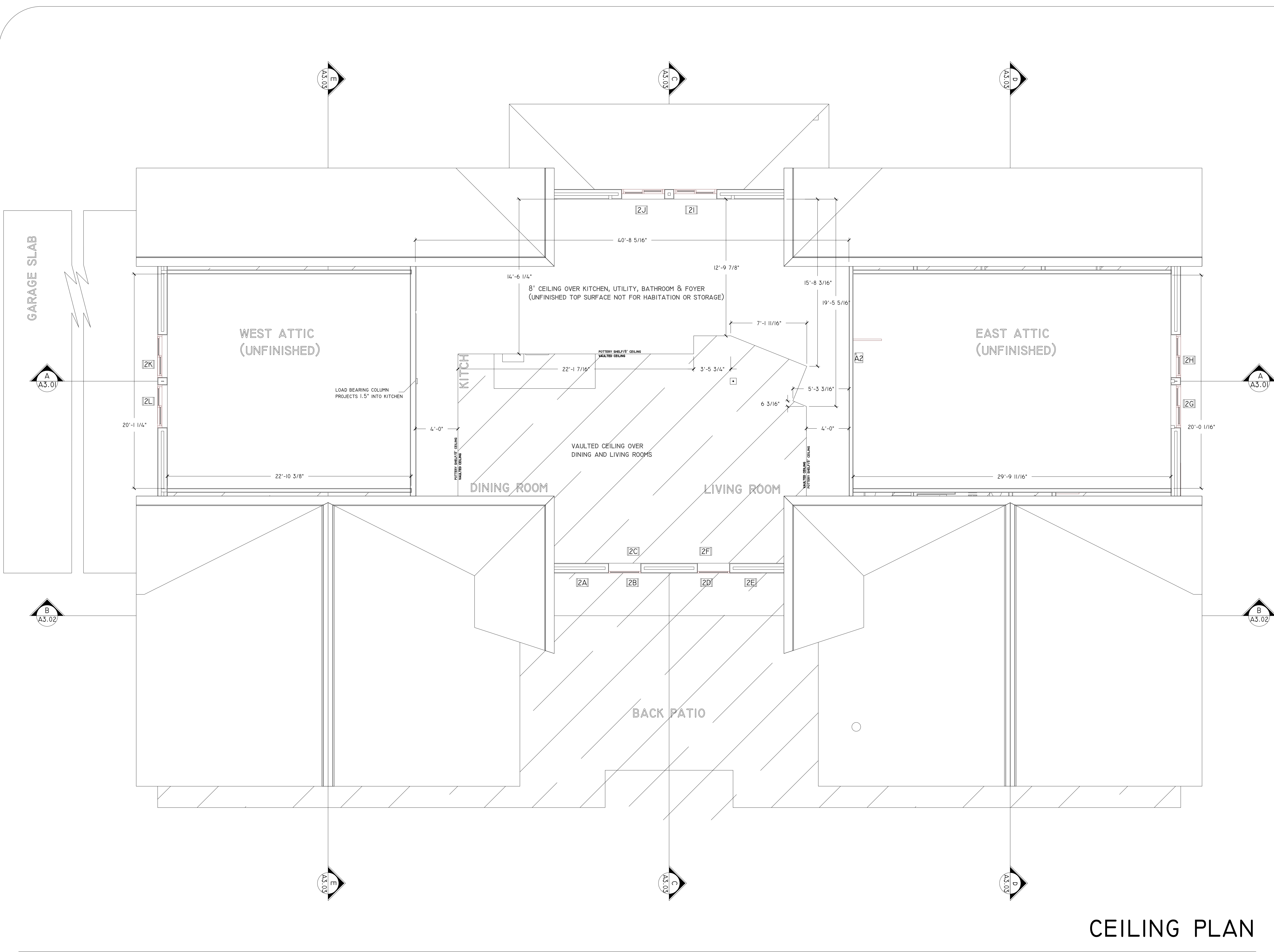


- LEGEND**
- HEATING/COOLING FAN COIL WITH INTEGRATED THERMOSTAT SEE 'MECHANICAL PLAN' FOR MORE INFO AND VENTILATION DUCTS
 - WINDOW, SEE 'DOOR, WINDOW AND FASTENER SCHEDULES'
 - DOOR, SEE 'DOOR, WINDOW AND FASTENER SCHEDULES'

DEFERRED TRUSS SUBMITAL NOTE

TRUSS MANUFACTURER'S CALCULATIONS FOR PRE-FAB SCISSOR TRUSSES OVER THE MASTER BEDROOMS SHALL BE SUBMITTED TO TOWN OF DEWEY-HUMBOLDT FOR REVIEW & APPROVAL PRIOR TO INSTALLATION. TRUSS CALCS MUST BE SIGNED, DATED & SEALED BY A REGISTERED ARIZONA ENGINEERING. THERE WILL BE NO FURTHER SUBMITTAL FOR THE TRUSS JOISTS FOR THE MAIN BUILDING SECTIONS OF THE ROOF OR ROOF ASSEMBLY OR ANY OTHER PARTS OF THE BUILDING DESIGN.

- FLOOR PLAN KEYNOTES**
- TYPICAL EXTERIOR WALL (NOT GARAGE): DOUBLE STUD 2X4 WALL @ 24" O.C. 10" THICK
 - TYPICAL EXTERIOR WALL (GARAGE): CONVENTIONAL 2X6 STUD WALL @ 24" O.C.
 - TYPICAL INTERIOR WALL: CONVENTIONAL 2X4 STUD WALL @ 24" O.C.
 - TYPICAL INSULATION: BLOWN CELLULOSE IN DOUBLE STUD WALLS, RIGID INSULATION ON INTERIOR OF STEM WALL, FIBERGLASS BATT EVERYWHERE ELSE.
 - TYPICAL EXTERIOR FINISH: FIBER CEMENT BOARD SIDING.
 - TYPICAL INTERIOR FINISH: 5/8" DRYWALL.
 - BASE CABINETS TO +36" WITH TOP, SPLASH, & EDGE SELECTED BY OWNER.
 - SHOWER/BATH WAINSCOTT TO +7" PER IRC R702.3.8/R702.4
 - APPLIANCES SELECTED BY OWNER
 - BUILD OUT CLOSET PER OWNER REQUIREMENTS
 - SECTIONAL GARAGE DOOR
 - WOOD BURNING STOVE PER OWNERS REQUIREMENTS
 - GAS BURNING FIRE PLACE PER OWNERS REQUIREMENTS
 - CONCRETE SLAB PER FOUNDATION PLAN



General Notes

PRELIM DRAFT

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

Sheet Title
CEILING PLAN

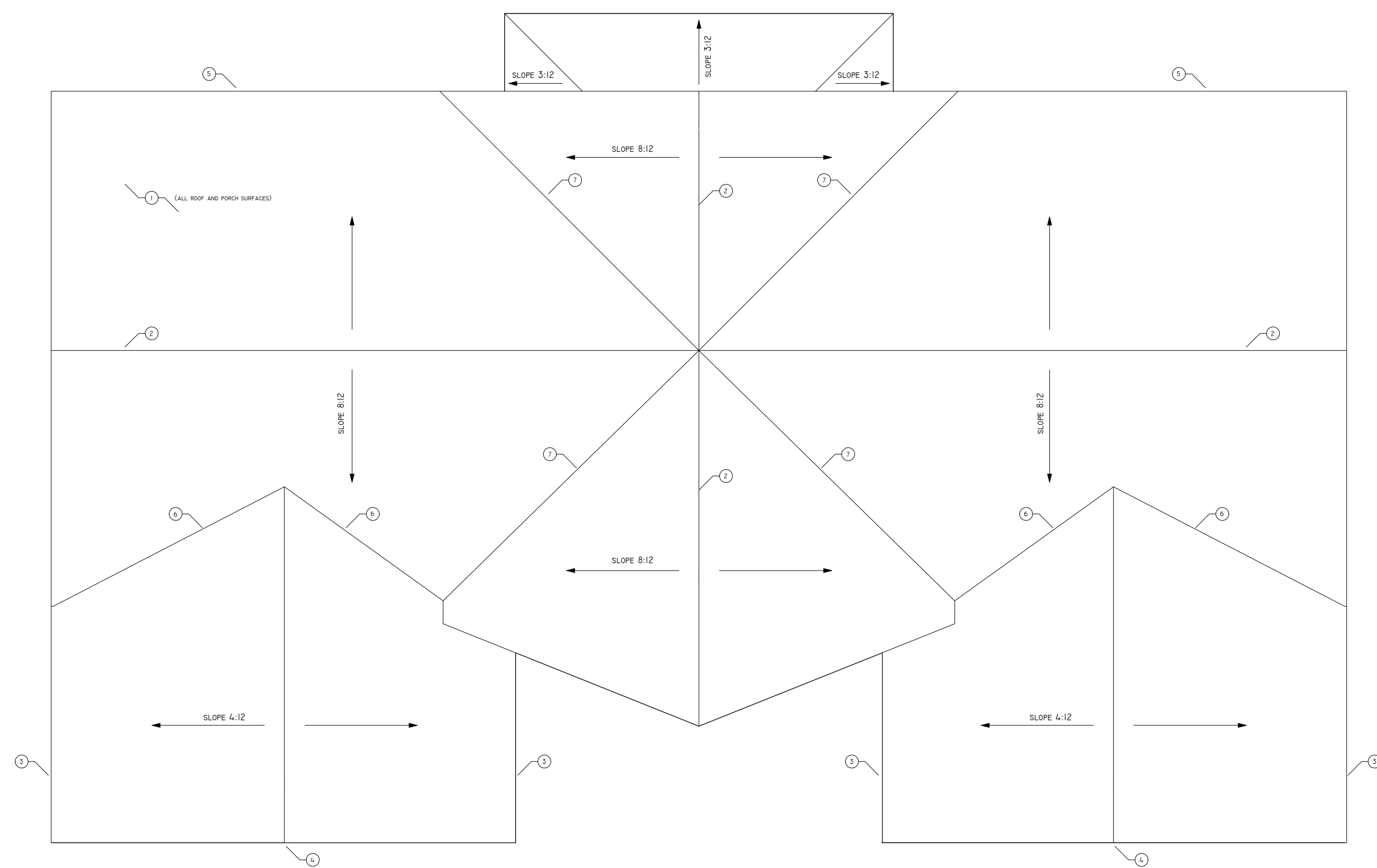
Project Name and Address
GOLDENSTEIN RESIDENCE
10685 E ROCKY HILL RD
DEWEY, AZ 86327

Drawn By
ADAM GOLDENSTEIN
Date
3/23/2018
Scale
1/4" = 1'-0"

Sheet
AI.02

CEILING PLAN

1/4" = 1'-0"



ROOF PLAN

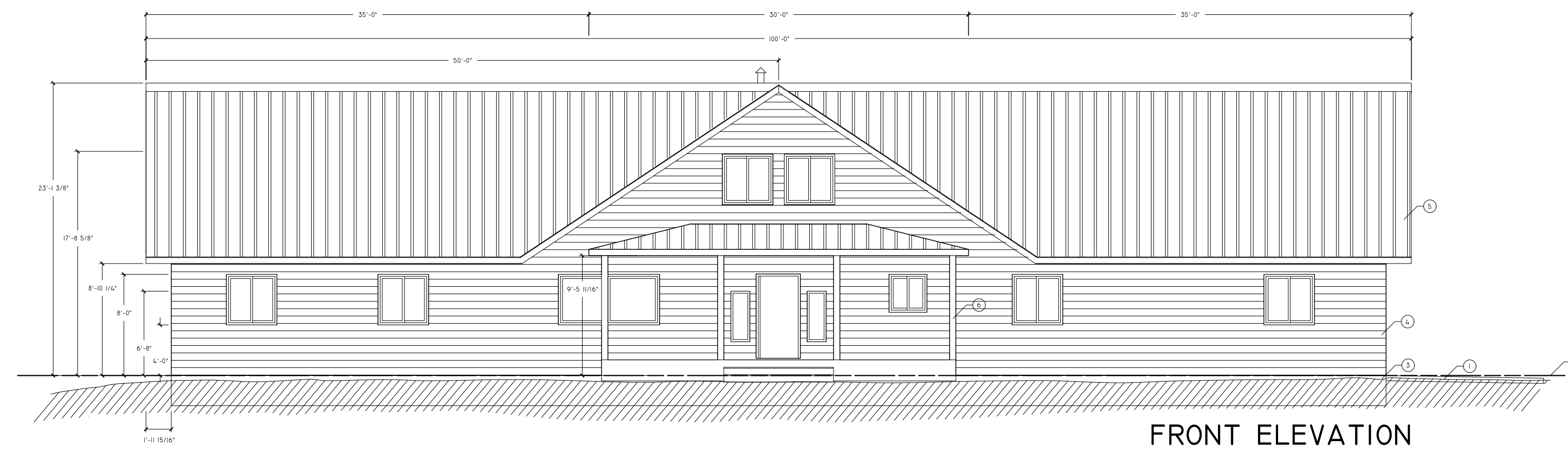
1/8" = 1'-0"

ROOF PLAN KEYNOTES

1. ALL ROOF/PORCH COVERINGS: METAL ROOF PANELS, UDL TITANIUM 50 UNDERLAYMENT, 19/32" PLYWOOD SHEATHING. ROOFING & FLASHING SHALL BE IN ACCORDANCE WITH IRC R905.10 AND MANUFACTURER INSTRUCTIONS.
2. RIDGE VENT - MAIN ROOF (8:12 SECTIONS): SUITABLE FOR METAL ROOFING AND PER IRC R806 - INSTALLED IN ACCORDANCE WITH MANUFACTURE INSTRUCTION. TOTAL VENT AREA PER IRC R806.2 (EXCEPTION 2) -> 17.3IN² PER 2' O.C. RAFTER CAVITY. SPLIT 50/50 BETWEEN SOFFIT/RIDGE -> 8.6IN² PER LINEAR FT (BOTH SIDES) FOR FULL WIDTH BUILDING SECTION.
3. SOFFIT VENTS - SECONDARY ROOF (4:12 SECTIONS): TOTAL VENT AREA PER IRC R806.2 -> 492.5 IN². SPLIT 50/50 FOR SOFFIT/GABLE VENT -> 246.3 IN², ADD 276.5 IN² FOR VENTING TO 8:12 SECTIONS -> 522.8 IN² TOTAL SOFFIT VENT AREA FOR 4:12 ROOF SECTION(S). FOR 8 SOFFIT SECTIONS 32.7 IN² MIN VENT AREA REQUIRED PER EACH.
4. GABLE VENTS - SECONDARY ROOF (4:12 SECTIONS): 246.3 IN² MIN VENT AREA.
5. SOFFIT VENTS - MAIN ROOF (8:12 SECTIONS), 4.3IN² PER LINEAR FT FOR FULL WIDTH BUILDING SECTION -> 8.6 IN² PER RAFTER CAVITY @ 2' O.C.
6. RAFTER SECTIONS ADJACENT TO 4:12 PITCH ROOF(S) VENTED TO SCISSOR TRUSS ATTIC.
7. CROSS GABLE VENTING - RAFTERS ADJACENT TO VALLEY BEAM TO BE VENTED TO THE NEXT ADJACENT RAFTER BAY AND TO PULL AIR FROM THE FIRST AVAILABLE SOFFIT BAY. CROSS BAY VENTING VIA VALLEY VENT TM ([HTTP://WWW.DCIPRODUCTS.COM/HTML/VALLEYVENT.HTM](http://www.dciproducts.com/html/valleyvent.htm)) OR SIMILAR PRODUCT.

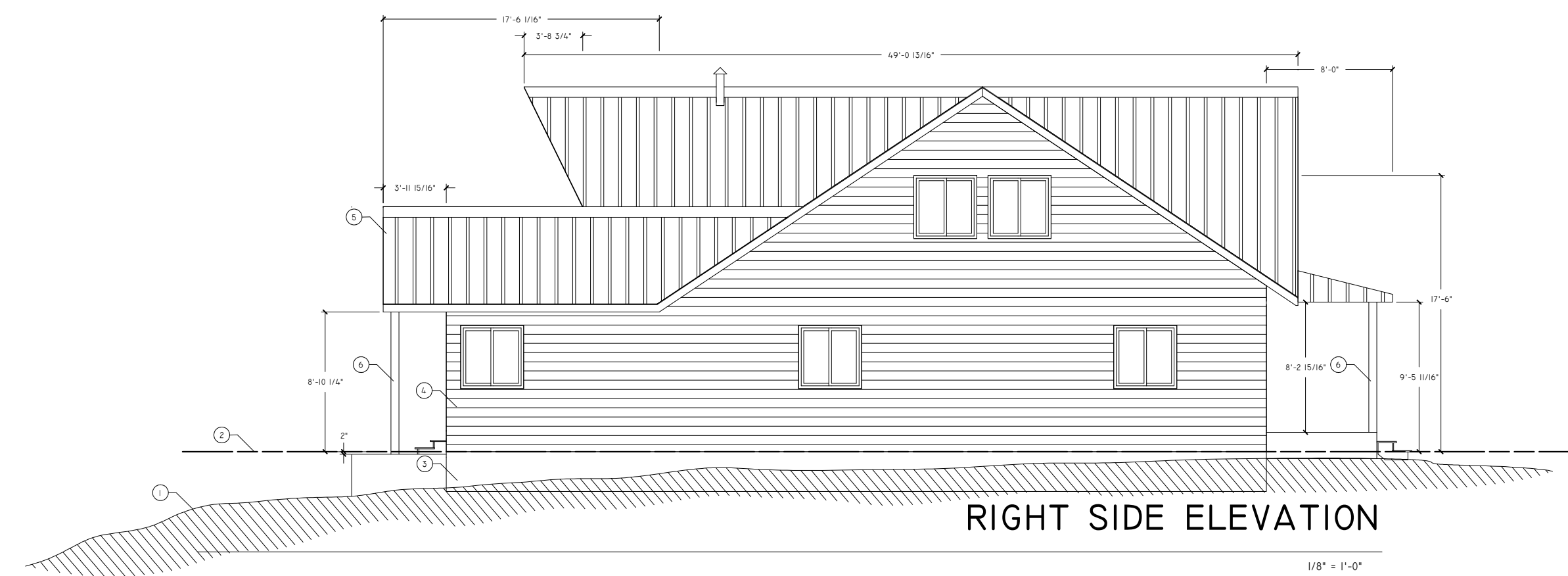
ELEVATION KEYNOTES

1. FINISH GRADE.
2. TOP OF STEM WALL.
3. CMU STEM WALL PER 'FOUNDATION PLAN'.
4. TYPICAL EXTERIOR FINISH: FIBER CEMENT BOARD SIDING OVER TYVEK HOMEWRAP.
5. ROOFING PER ROOF PLAN
6. 6X6 COLUMN FOR PORCH SUPPORT
7. GABLE VENT PER ROOF PLAN



FRONT ELEVATION

1/8" = 1'-0"



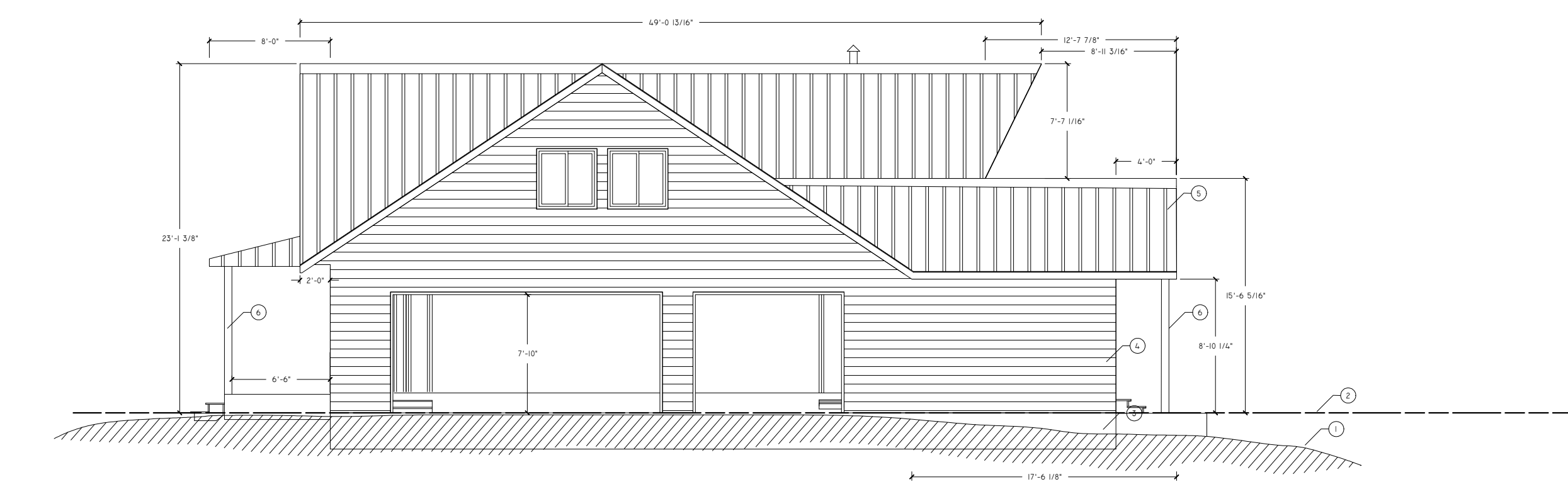
RIGHT SIDE ELEVATION

1/8" = 1'-0"



REAR ELEVATION

1/8" = 1'-0"



LEFT SIDE ELEVATION

1/8" = 1'-0"

General Notes

Revision/Issue

Date

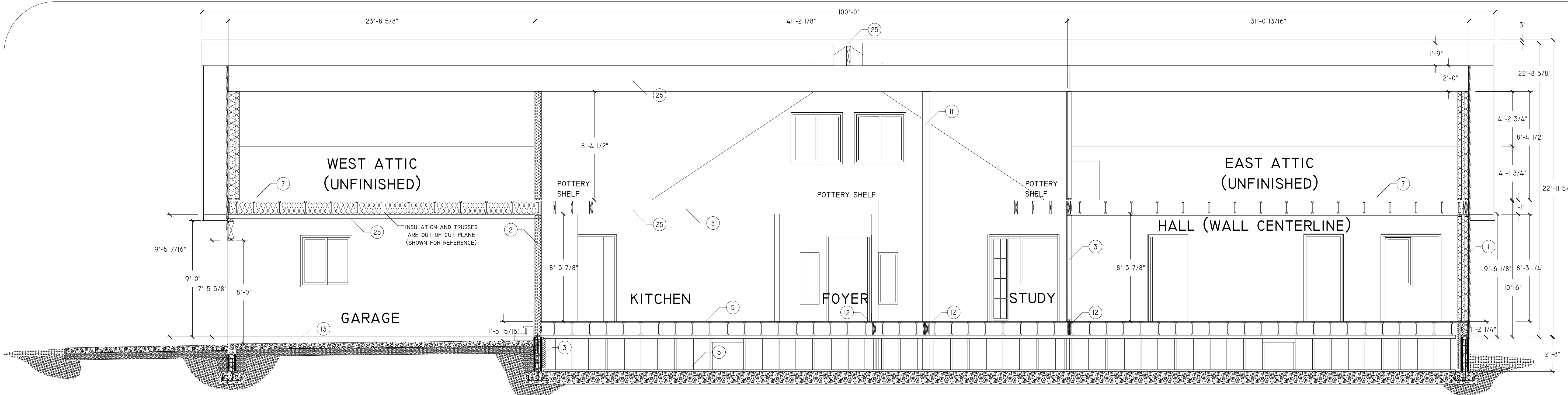
ELEVATIONS AND ROOF PLAN

Project Name and Address
GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

Drawn By
 ADAM GOLDENSTEIN
 Date
 3/23/2018
 Scale
 1/8" = 1'-0"

Sheet

A2.01

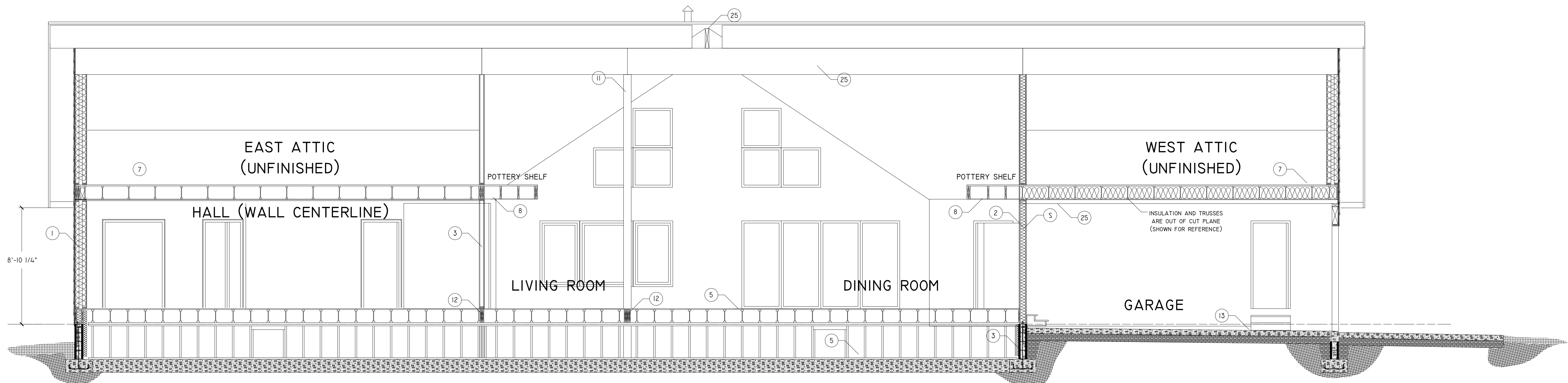


SECTION KEYNOTES

1. TYPICAL EXTERIOR WALL (NOT GARAGE): DOUBLE STUD 2X4 WALL @ 24" O.C. 10" THICK W/ BLOWN CELLULOSE INSULATION (R-30). INLINE FRAMING WITH ATTIC FLOOR TRUSS' & RAFTERS.
2. TYPICAL GARAGE WALL: CONVENTIONAL 2X6 STUD WALL @ 24" O.C. W/ FIBERGLASS BATT INSULATION (R-21). INLINE FRAMING WITH ATTIC FLOOR TRUSS' & RAFTERS.
3. TYPICAL INTERIOR WALL: CONVENTIONAL 2X4 STUD WALL @ 24" O.C.
4. TYPICAL STEM WALL: 8" CMU W/ R-10 RIGID INSULATION (NO INSULATION IN GARAGE W/O CRAWL SPACE).
5. CRIPPLE WALL: 2X4, 16" O.C W/ DOUBLE TOP PLATE. BOTTOM PLATE TO BE TREATED WOOD.
6. MAIN FLOOR: 11-7/8" TJI TRUSS FLOOR @ 16" O.C. W/ 7/8" T&G PLYWOOD SUBFLOOR MINIMUM (1-1/8" SHOWN)
7. ATTIC FLOOR: 11-7/8" TJI TRUSS FLOOR @ 24" O.C. W/ 1-1/8" T&G PLYWOOD SUBFLOOR
8. LOFT FLOOR: EXPOSED 2X12 #2 DOUG FIR TRUSS @ 24" O.C. W/ 1-1/8" T&G PLYWOOD SUBFLOOR
9. (OMITTED)
11. LOAD BEARING COLUMN PER STRUCTURAL BEAM PLAN
12. BLOCKING FOR COLUMN LOAD PATH
13. GARAGE SLAB PER FLOOR PLAN SLOPED 1/4" PER FT
14. SCISSOR TRUSS @ 2' O.C., VENTED ATTIC W/ FIBERGLASS BATT INSULATION (R-38)
15. PORCH SLOPES AWAY FROM HOUSE 1/8" PER FT.
16. EXTERIOR PORCH TRUSS PER STRUCTURAL BEAM PLAN
17. 6X6 LOAD BEARING COLUMN FOR PORCH SUPPORT
18. MAIN ROOF INTAKE AIR VENTED TO PERPENDICULAR ROOF ATTIC PER ROOF PLAN
19. SOFFIT VENTS PER ROOF PLAN
20. RIDGE VENT PER ROOF PLAN
21. 14" TJI RAFTERS 24" O.C. INLINE FRAMING WITH EXTERIOR STUD WALLS. FIBERGLASS BATT INSULATION (R-38)
22. 2X4 KNEE WALL 24" O.C. SINGLE TOP PLATE.
23. LOAD BEARING INTERIOR WALL, 2X4 O.C FRAMING W/ SINGLE TOP PLATE, INLINE FRAMING WITH ATTIC FLOOR TRUSS' & RAFTERS
24. ATTIC GABLE VENT PER ROOFING PLAN
25. GLULAM BEAM PER STRUCTURAL BEAM PLAN

BUILDING SECTION 'A'

1/4" = 1'-0"



BUILDING SECTION 'A' REVERSE

1/4" = 1'-0"

General Notes

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

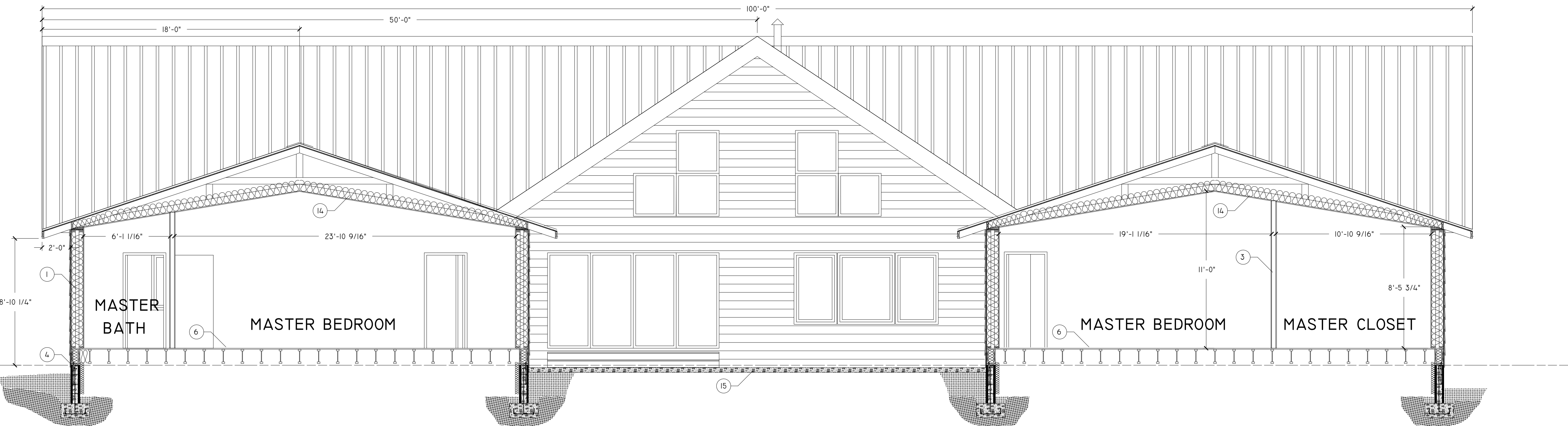
SECTION VIEWS

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

Drawn By
ADAM GOLDENSTEIN
 Date
 3/23/2018
 Scale
 1/4"=1'-0"

Sheet

A3.01

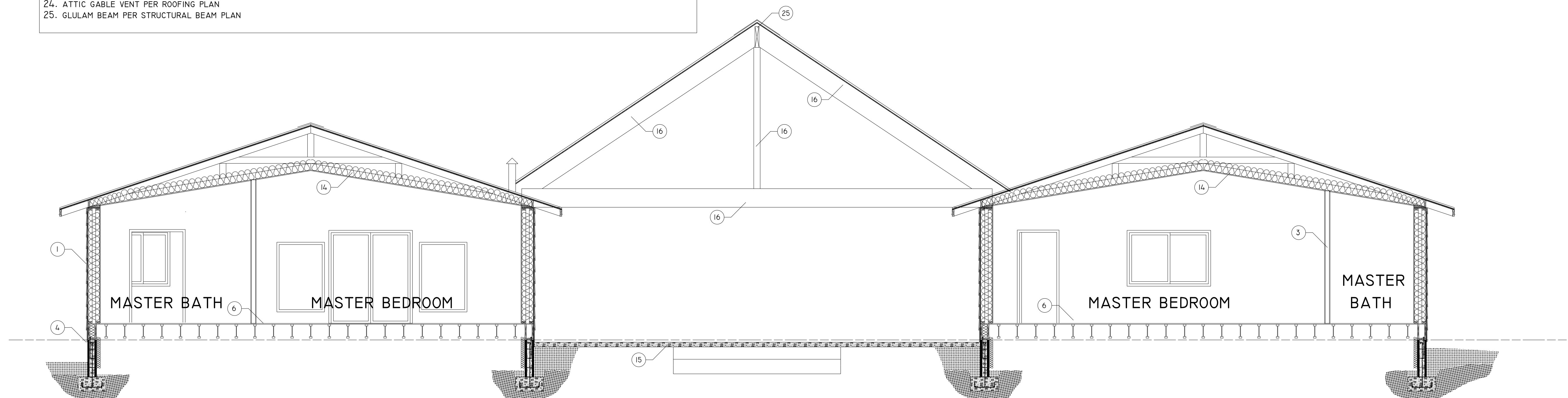


SECTION KEYNOTES

1. TYPICAL EXTERIOR WALL (NOT GARAGE): DOUBLE STUD 2X4 WALL @ 24" O.C. 10" THICK W/ BLOWN CELLULOSE INSULATION (R-30). INLINE FRAMING WITH ATTIC FLOOR TRUSS' & RAFTERS.
2. TYPICAL GARAGE WALL: CONVENTIONAL 2X6 STUD WALL @ 24" O.C. W/ FIBERGLASS BATT INSULATION (R-21). INLINE FRAMING WITH ATTIC FLOOR TRUSS' & RAFTERS.
3. TYPICAL INTERIOR WALL: CONVENTIONAL 2X4 STUD WALL @ 24" O.C.
4. TYPICAL STEM WALL: 8" CMU W/ R-10 RIGID INSULATION (NO INSULATION IN GARAGE W/O CRAWL SPACE).
5. CRIPPLE WALL: 2X4, 16" O.C W/ DOUBLE TOP PLATE. BOTTOM PLATE TO BE TREATED WOOD.
6. MAIN FLOOR: 11-7/8" TJI TRUSS FLOOR @ 16" O.C. W/ 7/8" T&G PLYWOOD SUBFLOOR MINIMUM (1-1/8" SHOWN)
7. ATTIC FLOOR: 11-7/8" TJI TRUSS FLOOR @ 24" O.C. W/ 1-1/8" T&G PLYWOOD SUBFLOOR
8. LOFT FLOOR: EXPOSED 2X12 #2 DOUG FIR TRUSS @24" O.C. W/ 1-1/8" T&G PLYWOOD SUBFLOOR
9. (OMITTED)
11. LOAD BEARING COLUMN PER STRUCTURAL BEAM PLAN
12. BLOCKING FOR COLUMN LOAD PATH
13. GARAGE SLAB PER FLOOR PLAN SLOPED 1/4" PER FT
14. SCISSOR TRUSS @ 2' O.C., VENTED ATTIC W/ FIBERGLASS BATT INSULATION (R-38)
15. PORCH SLOPES AWAY FROM HOUSE 1/8" PER FT.
16. EXTERIOR PORCH TRUSS PER STRUCTURAL BEAM PLAN
17. 6X6 LOAD BEARING COLUMN FOR PORCH SUPPORT
18. MAIN ROOF INTAKE AIR VENTED TO PERPENDICULAR ROOF ATTIC PER ROOF PLAN
19. SOFFIT VENTS PER ROOF PLAN
20. RIDGE VENT PER ROOF PLAN
21. 14" TJI RAFTERS 24" O.C. INLINE FRAMING WITH EXTERIOR STUD WALLS. FIBERGLASS BATT INSULATION (R-38)
22. 2X4 KNEE WALL 24" O.C. SINGLE TOP PLATE.
23. LOAD BEARING INTERIOR WALL, 2X4 O.C FRAMING W/ SINGLE TOP PLATE, INLINE FRAMING WITH ATTIC FLOOR TRUSS' & RAFTERS
24. ATTIC GABLE VENT PER ROOFING PLAN
25. GLULAM BEAM PER STRUCTURAL BEAM PLAN

BUILDING SECTION 'B'

1/4" = 1'-0"



BUILDING SECTION 'B' REVERSE

1/4" = 1'-0"

General Notes

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

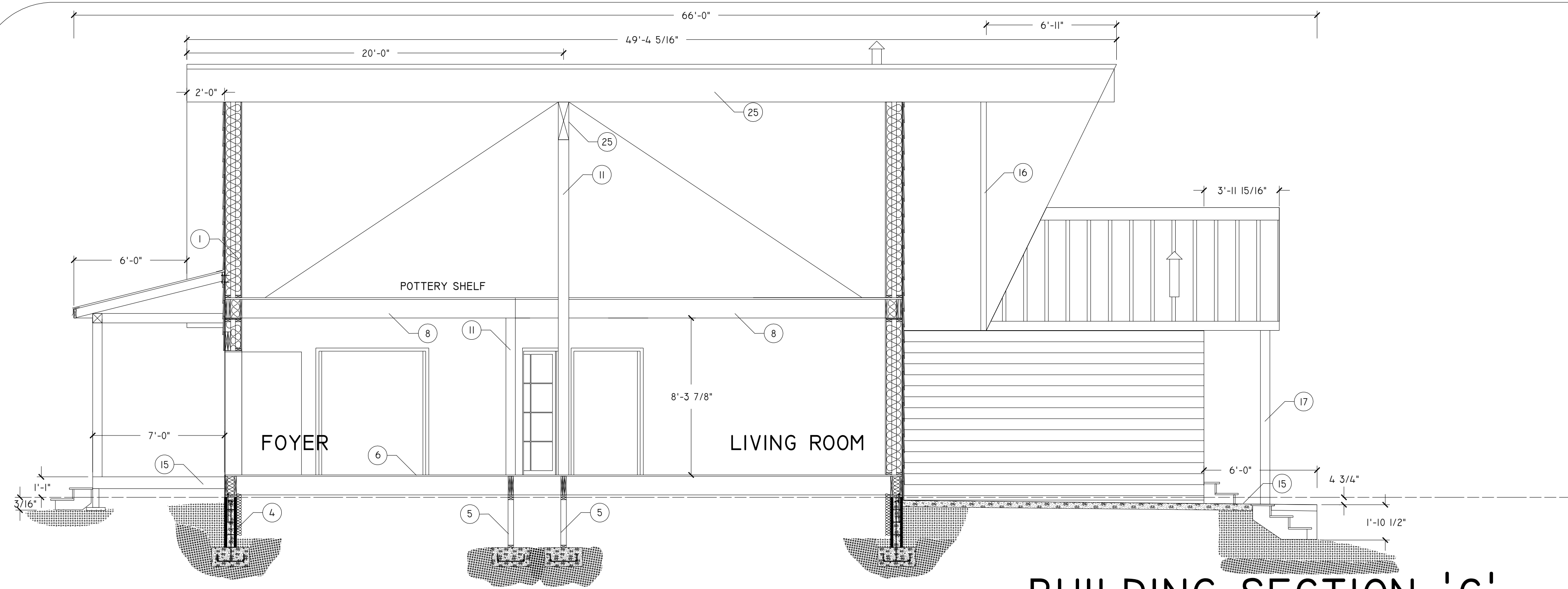
SECTION VIEWS

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

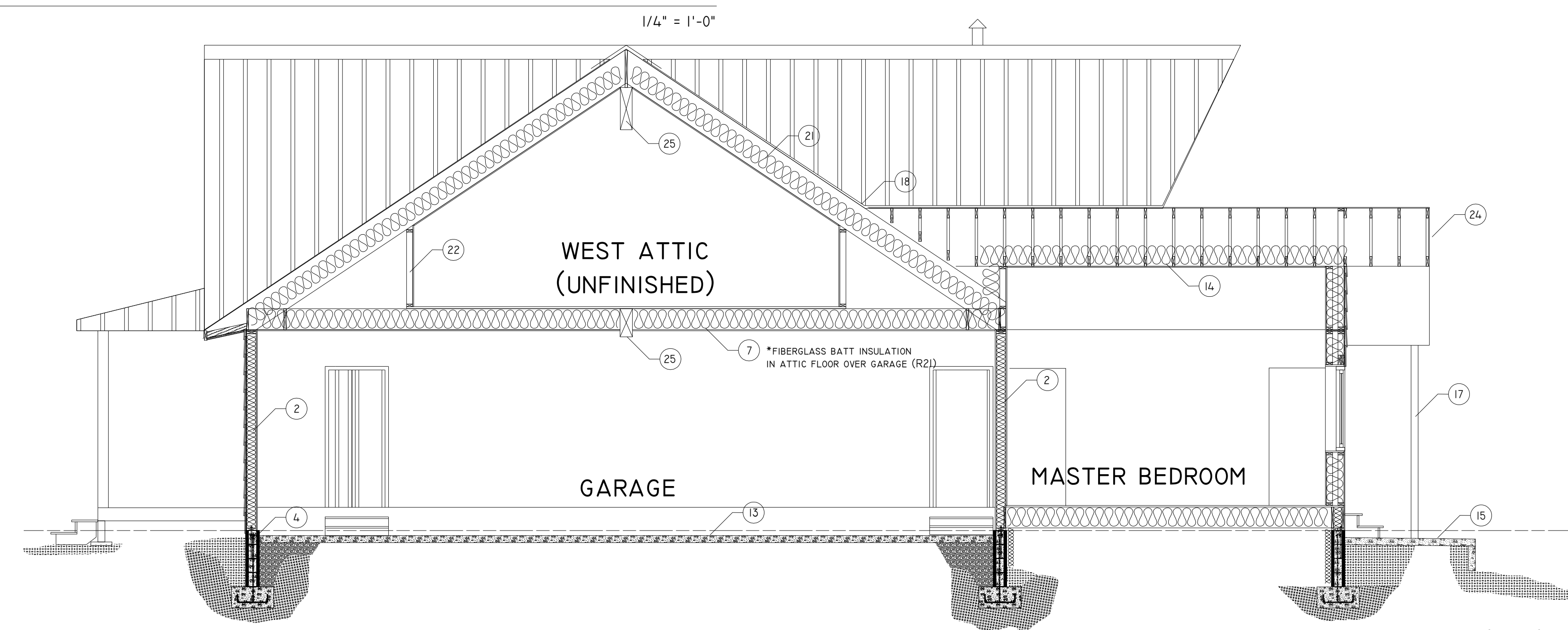
Drawn By
 ADAM GOLDENSTEIN
 Date
 3/23/2018
 Scale
 1/4"=1'-0"

Sheet

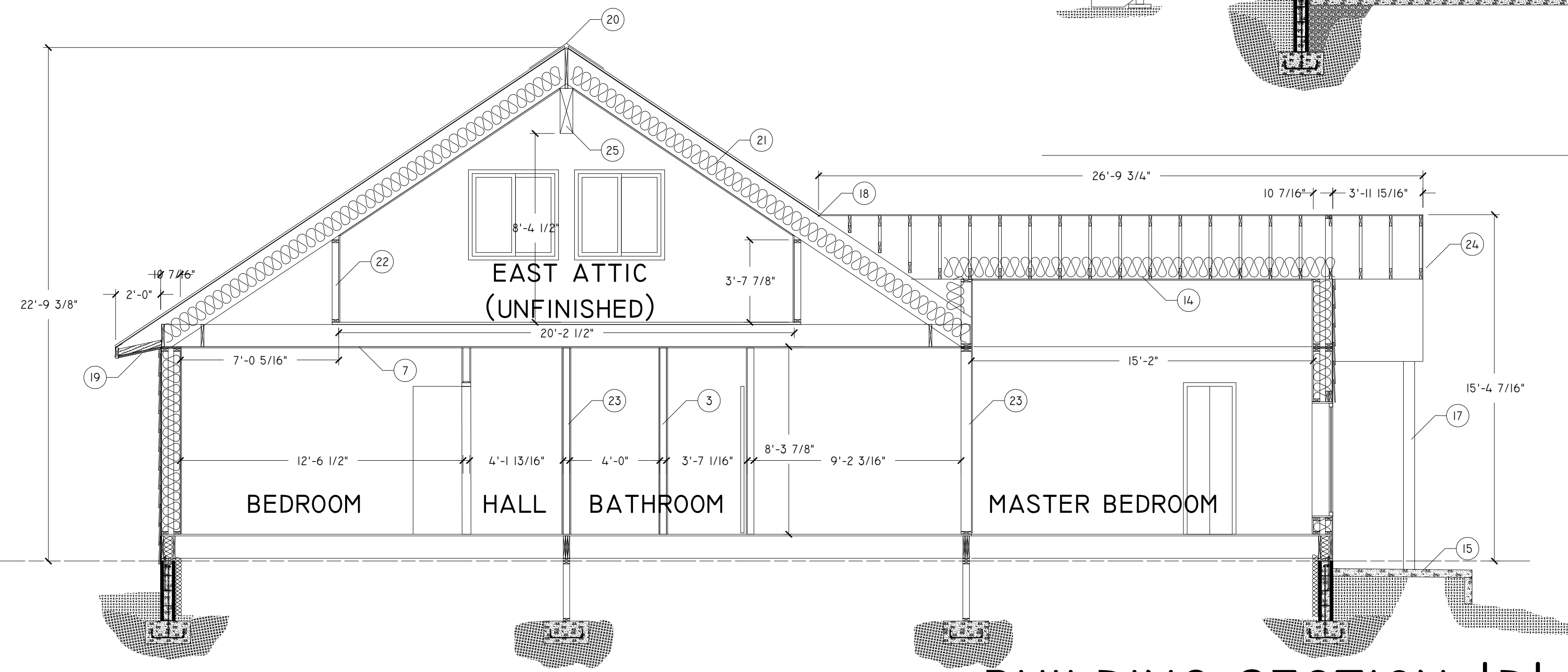
A3.02



BUILDING SECTION 'C'



BUILDING SECTION 'E'



BUILDING SECTION 'D'

SECTION KEYNOTES

1. TYPICAL EXTERIOR WALL (NOT GARAGE): DOUBLE STUD 2X4 WALL @ 24" O.C. 10" THICK W/ BLOWN CELLULOSE INSULATION (R-30). INLINE FRAMING WITH ATTIC FLOOR TRUSSES & RAFTERS.
2. TYPICAL GARAGE WALL: CONVENTIONAL 2X6 STUD WALL @ 24" O.C. W/ FIBERGLASS BATT INSULATION (R-21). INLINE FRAMING WITH ATTIC FLOOR TRUSSES & RAFTERS.
3. TYPICAL INTERIOR WALL: CONVENTIONAL 2X4 STUD WALL @ 24" O.C.
4. TYPICAL STEM WALL: 8" CMU W/ R-10 RIGID INSULATION (NO INSULATION IN GARAGE W/O CRAWL SPACE).
5. CRIPPLE WALL: 2X4, 16" O.C W/ DOUBLE TOP PLATE. BOTTOM PLATE TO BE TREATED WOOD.
6. MAIN FLOOR: 11-7/8" TJI TRUSS FLOOR @ 16" O.C. W/ 7/8" T&G PLYWOOD SUBFLOOR MINIMUM (1-1/8" SHOWN)
7. ATTIC FLOOR: 11-7/8" TJI TRUSS FLOOR @ 24" O.C. W/ 1-1/8" T&G PLYWOOD SUBFLOOR
8. LOFT FLOOR: EXPOSED 2X12 #2 DOUG FIR TRUSS @ 24" O.C. W/ 1-1/8" T&G PLYWOOD SUBFLOOR
9. (OMITTED)
11. LOAD BEARING COLUMN PER STRUCTURAL BEAM PLAN
12. BLOCKING FOR COLUMN LOAD PATH
13. GARAGE SLAB PER FLOOR PLAN SLOPED 1/4" PER FT
14. SCISSOR TRUSS @ 2' O.C., VENTED ATTIC W/ FIBERGLASS BATT INSULATION (R-38)
15. PORCH SLOPES AWAY FROM HOUSE 1/8" PER FT.
16. EXTERIOR PORCH TRUSS PER STRUCTURAL BEAM PLAN
17. 6X6 LOAD BEARING COLUMN FOR PORCH SUPPORT
18. MAIN ROOF INTAKE AIR VENTED TO PERPENDICULAR ROOF ATTIC PER ROOF PLAN
19. SOFFIT VENTS PER ROOF PLAN
20. RIDGE VENT PER ROOF PLAN
21. 14" TJI RAFTERS 24" O.C. INLINE FRAMING WITH EXTERIOR STUD WALLS. FIBERGLASS BATT INSULATION (R-38)
22. 2X4 KNEE WALL 24" O.C. SINGLE TOP PLATE.
23. LOAD BEARING INTERIOR WALL, 2X4 O.C FRAMING W/ SINGLE TOP PLATE, INLINE FRAMING WITH ATTIC FLOOR TRUSSES & RAFTERS
24. ATTIC GABLE VENT PER ROOFING PLAN
25. GLULAM BEAM PER STRUCTURAL BEAM PLAN

General Notes

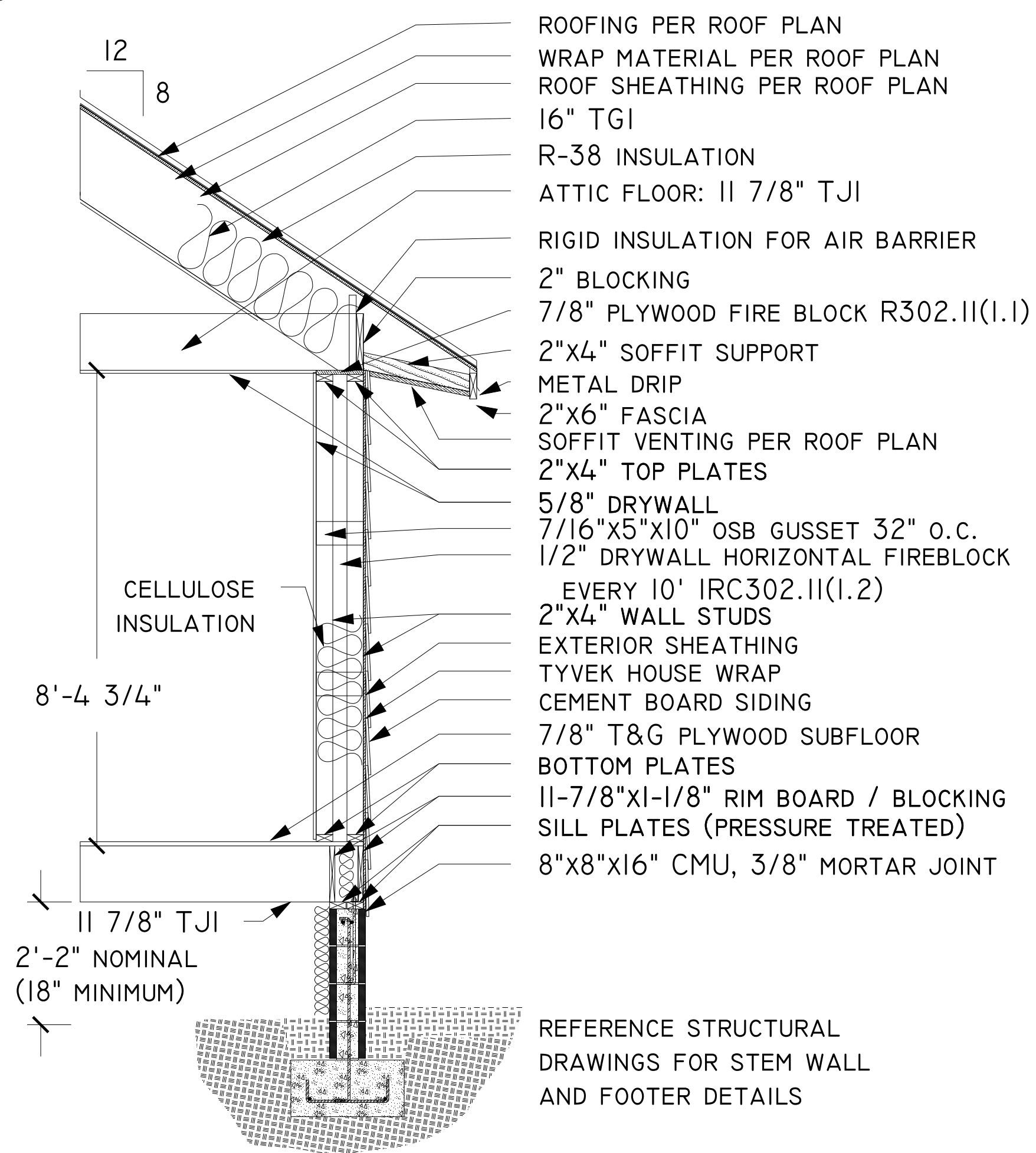
| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

SECTION VIEWS

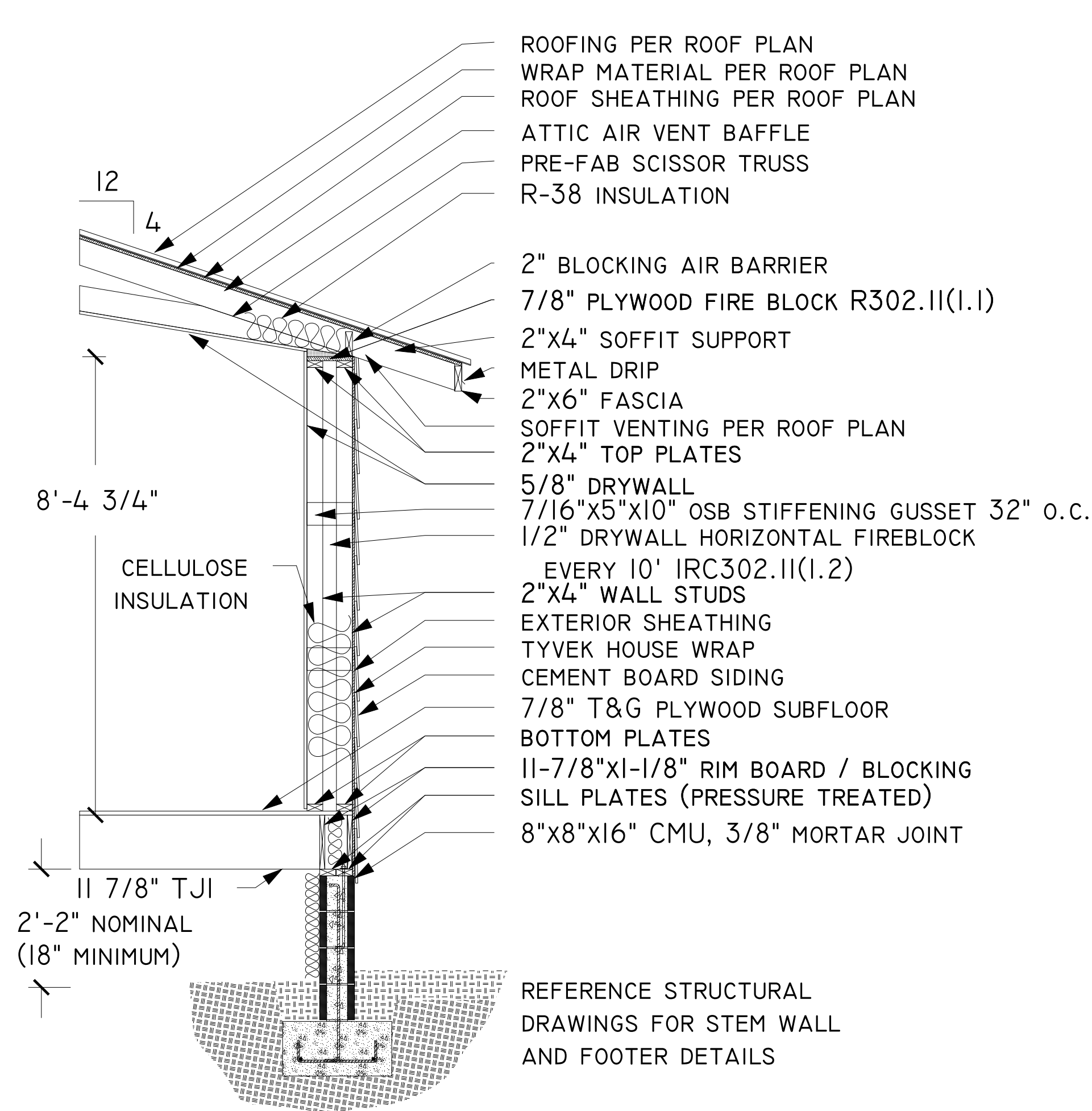
GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

Drawn By
ADAM GOLDENSTEIN
 Date
 3/23/2018
 Scale
 1/4" = 1'-0"

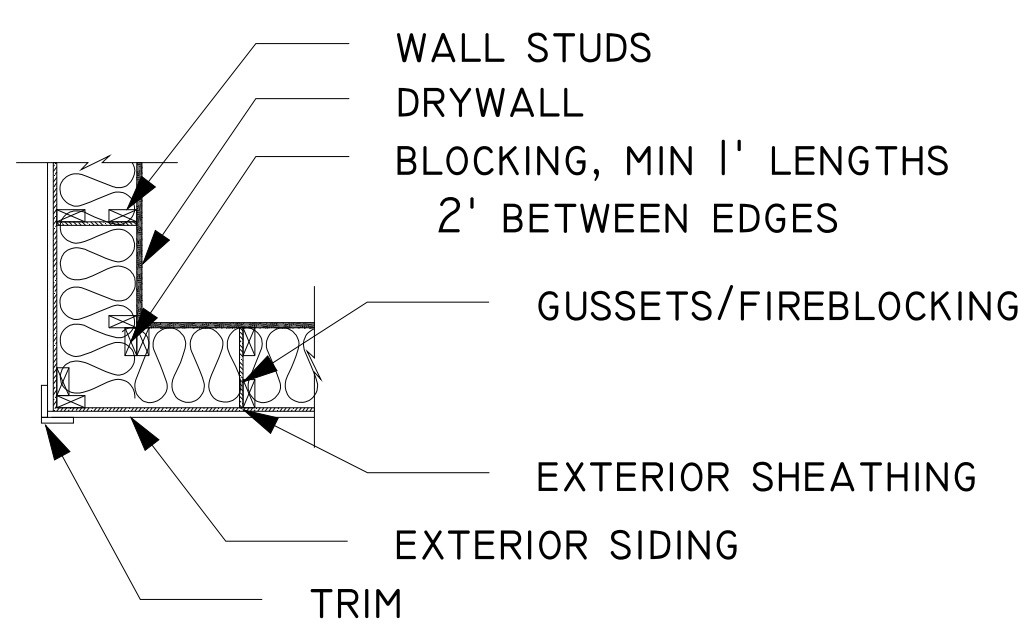
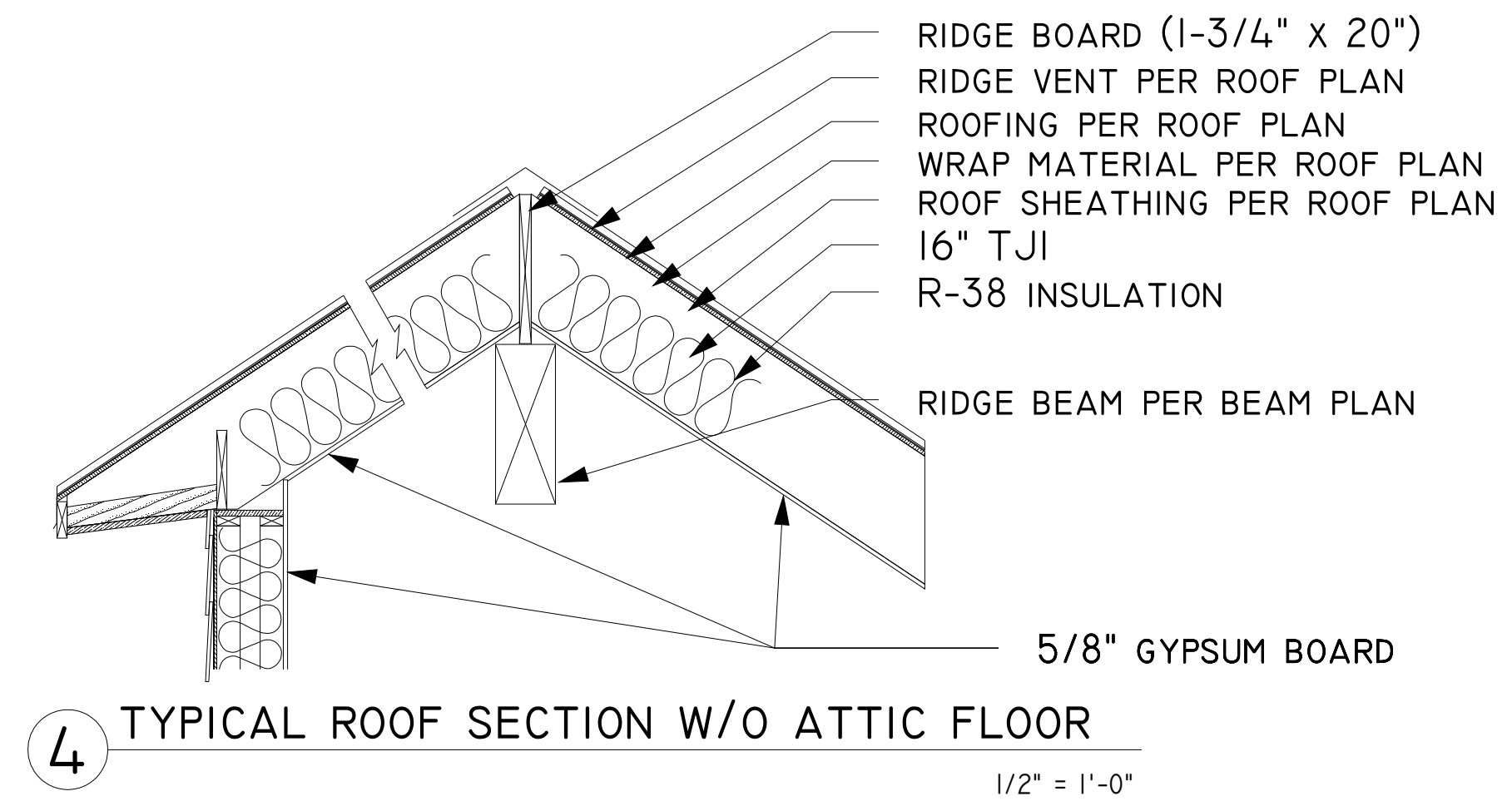
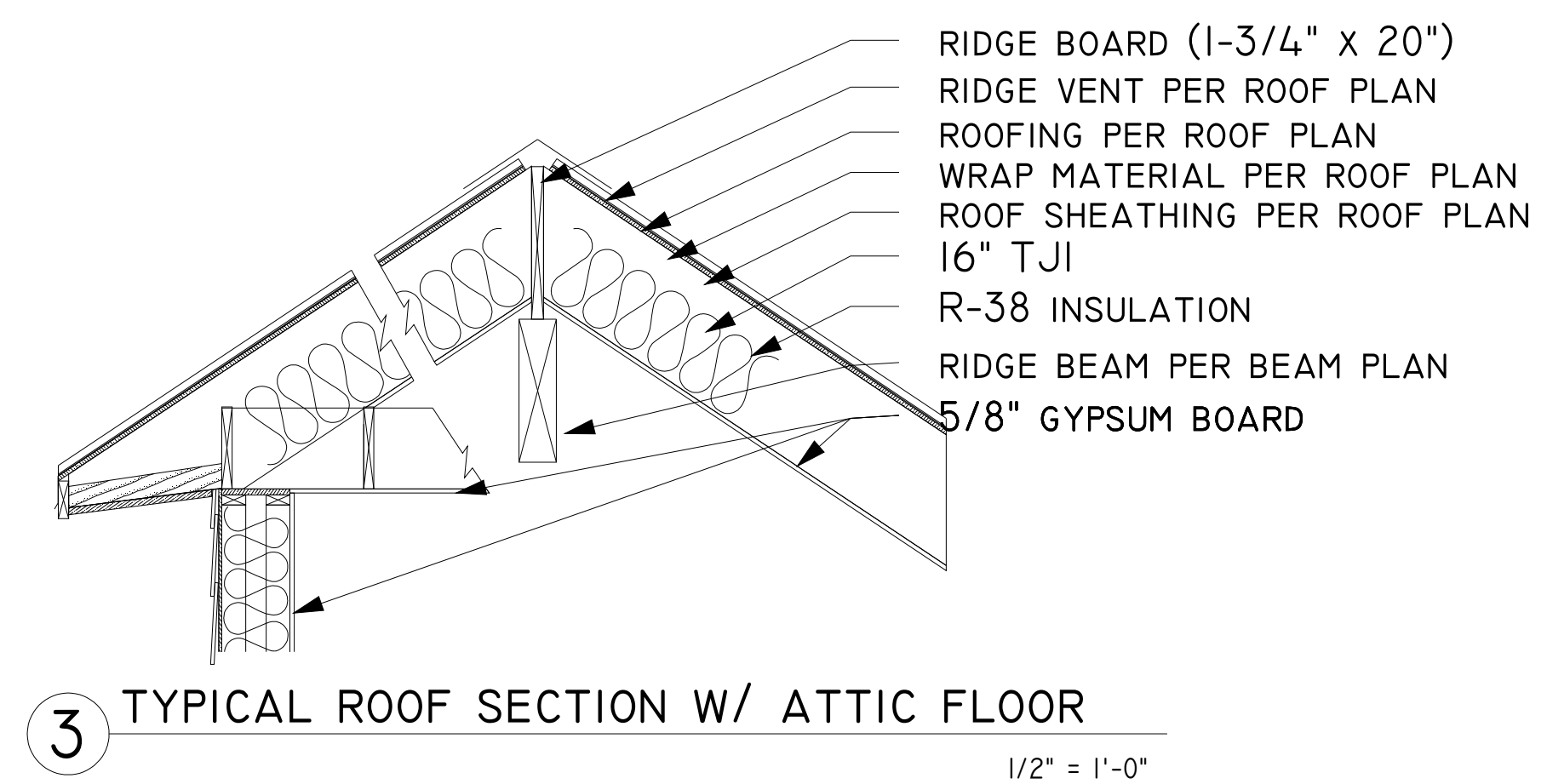
Sheet
A3.03



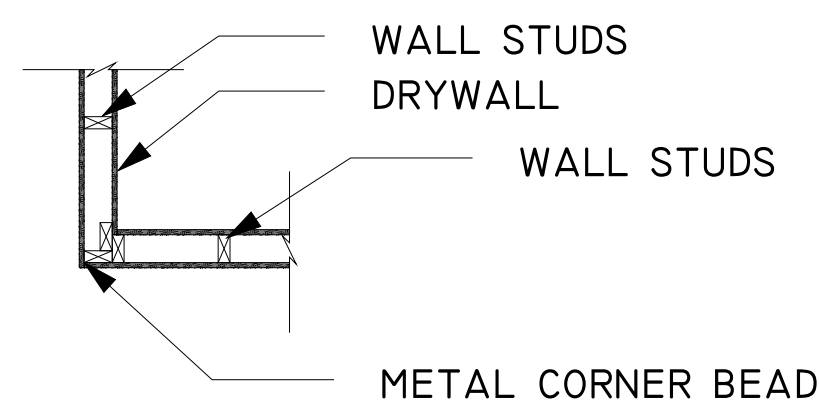
1 TYPICAL TJI WALL
1/2" = 1'-0"



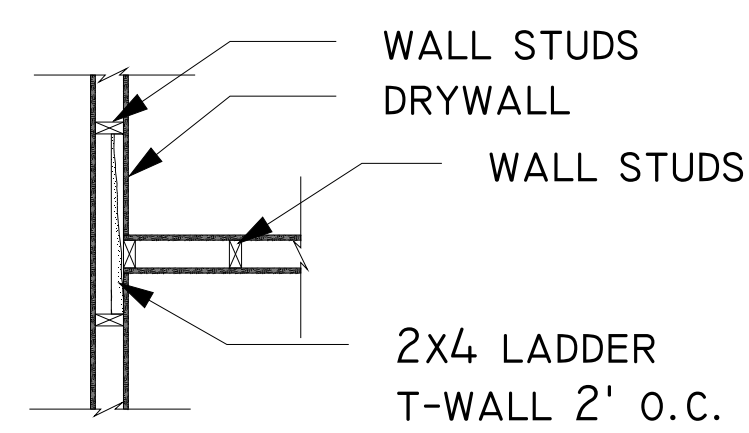
2 TYPICAL SCISSOR TRUSS WALL SECTION
1/2" = 1'-0"



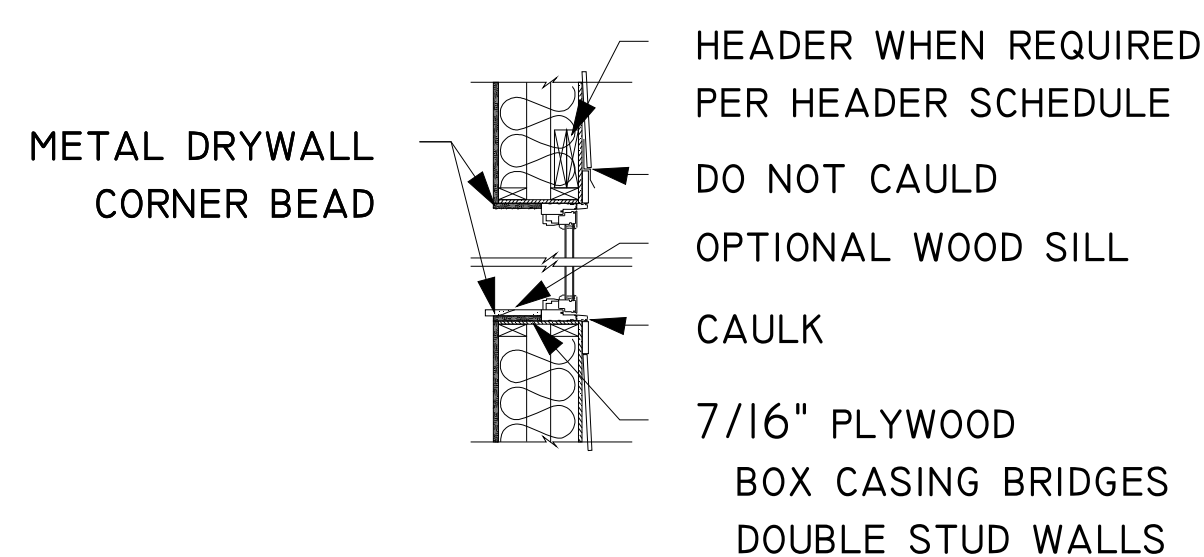
5 TYPICAL EXTERIOR WALL CORNER
1/2" = 1'-0"



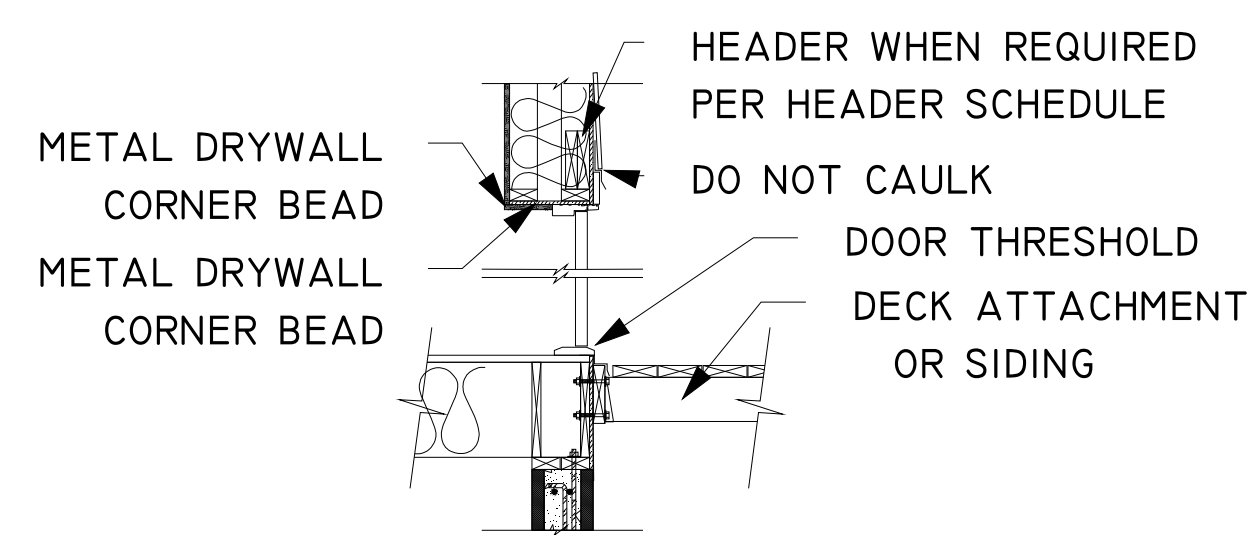
6 TYPICAL INTERIOR WALL CORNER
1/2" = 1'-0"



7 TYPICAL WALL INTERSECTION
1/2" = 1'-0"



8 TYPICAL WINDOW DETAIL
1/2" = 1'-0"



9 TYPICAL EXT DOORWAY DETAIL
1/2" = 1'-0"

10 (DRAWING OMITTED)

| General Notes | | |
|---------------|----------------|------|
| No. | Revision/Issue | Date |
| | | |
| | | |

DETAIL VIEWS

Project Name and Address
GOLDENSTEIN RESIDENCE
10685 E ROCKY HILL RD
DEWEY, AZ 86327

| | |
|------------------------------|-----------------------|
| Drawn By ADAM GOLDENSTEIN | Sheet A5.01 |
| Date 3/23/2018 | |
| Scale 1/2" = 1'-0" | |

Fill out missing info in table.

| JACK STUD SCHEDULE (NO POINT LOADS) | |
|-------------------------------------|----------------|
| OPENING WIDTH | STUDS REQUIRED |
| 0'-0" TO 4'-0" | (2)-2x4 |
| 4'-1" TO 5'-6" | (2)-2x4 |
| 5'-7" TO 6'-5" | (2)-2x4 |
| 6'-6" TO 18'-0" | SEE FLOOR PLAN |

| HEADER SCHEDULE (NO POINT LOADS) | |
|----------------------------------|----------------|
| OPENING WIDTH | HEADER SIZE |
| 0'-0" TO 4'-0" | (2)-2x8 |
| 4'-1" TO 5'-6" | (2)-2x10 |
| 5'-7" TO 6'-5" | (2)-2x12 |
| 6'-6" TO 18'-0" | SEE FLOOR PLAN |

| CLIMATIC AND GEOGRAPHICAL DESIGN CRITERIA | | | | | | | | | | | |
|---|-------------|-------------------------|---------------------------|--------------|-----------------------|------------|----------------------|-----------------------------------|-----------------|----------------------|--------------------|
| GROUND SNOW LOAD | SPEED (MPH) | TOPOGRAPHICAL EFFECTS_K | SEISMIC DESIGN CATEGORY_F | WEATHERING_A | FROST LINE DEPTH _L_B | TERMITES_C | WINTER DESIGN TEMP_L | ICE BARRIER UNDERLAYER REQUIRED_H | FLOOD HAZARDS_H | AIR FREEZING INDEX_J | MEAN ANNUAL TEMP_J |
| | | | | | | | | | | | |
| <small> FOR S1: 1 POUND PER SQUARE FOOT = 0.0479 kPa, 1 HUR PER HOUR = 0.447 m/s. A. WEATHERING MAY REQUIRE A HIGHER STRENGTH CONCRETE OR GRADE OF MASONRY THAN NECESSARY TO SATISFY THE STRUCTURAL REQUIREMENTS OF THIS CODE. THE WEATHERING COLUMN SHALL BE FILLED IN WITH THE WEATHERING INDEX (I.e. "NEGLECTIBLE," "MODERATE" OR "SEVERE") FOR CONCRETE AS DETERMINED FROM THE WEATHERING PROBABILITY MAP (FIGURE R303.2(1)). THE GRADE OF MASONRY UNITS SHALL BE DETERMINED FROM ASTM C 241, C 55, C 62, C 62, C 82, C 129, C 145, C 210 OR C 652. B. THE FIRST LINE DEPTH MAY REQUIRE DEEPER FOOTINGS THAN SHOWN IN FIGURE R303.1(1). THE JURISDICTION SHALL FILL IN THE FROST LINE DEPTH COLUMN WITH THE PROPOSED DEPTH OF FOOTING BELOW FINISH GRADE. C. THE JURISDICTION SHALL FILL IN THIS PART OF THE TABLE TO INDICATE THE NEED FOR PROTECTION DEPENDING ON WHETHER THERE HAS BEEN A HISTORY OF LOCAL SUBTERRANEAN TERMITE DAMAGE. D. THE JURISDICTION SHALL FILL IN THIS PART OF THE TABLE WITH THE WIND SPEED FROM THE BASIC WIND SPEED MAP (FIGURE R303.2(2)), WIND EXPOSURE CATEGORY SHALL BE DETERMINED ON A SITE-SPECIFIC BASIS IN ACCORDANCE WITH SECTION R301.2.1.4. E. THE OUTDOOR DESIGN DRY-BULB TEMPERATURE SHALL BE SELECTED FROM THE COLUMNS OF 97.7-PERCENT VALUES FOR WINTER FROM APPENDIX D OF THE INTERNATIONAL PLUMBING CODE. DEVIATIONS FROM THE APPENDIX D TEMPERATURES SHALL BE PERMITTED TO REFLECT LOCAL CLIMATES OR LOCAL WEATHER EXPERIENCE AS DETERMINED BY THE BUILDING OFFICIAL. F. THE JURISDICTION SHALL FILL IN THIS PART OF THE TABLE WITH THE DESIGN DESIGN CATEGORY DETERMINED FROM SECTION R303.2.2.1. G. THE JURISDICTION SHALL FILL IN THIS PART OF THE TABLE WITH (A) THE DATE OF THE JURISDICTION'S ENTRY INTO THE NATIONAL FLOOD INSURANCE PROGRAM (DATE OF ADOPTION OF THE FIRST CODE OR ORDINANCE FOR MANAGEMENT OF FLOOD HAZARD AREAS), (B) THE DATE(S) OF THE FLOOD INSURANCE STUDY AND (C) THE PANEL NUMBER AND DATE OF ALL CURRENTLY EFFECTIVE FLOOD AND FLOOD OR OTHER FLOOD HAZARD MAP ADOPTED BY THE AUTHORITY HAVING JURISDICTION, AS APPLICABLE. H. IN ACCORDANCE WITH SECTIONS R905.2.7, R905.4.3.1, R905.5, 3, R905.6.3.1, R905.6.3.1, R905.7.3.1 AND R905.8.3.1, WHERE THERE HAS BEEN A HISTORY OF LOCAL DAMAGE FROM THE EFFECTS OF ICE DAMPING, THE JURISDICTION SHALL FILL IN THIS PART OF THE TABLE WITH "YES," OTHERWISE, THE JURISDICTION SHALL FILL IN THIS PART OF THE TABLE WITH "NO." I. THE JURISDICTION SHALL FILL IN THIS PART OF THE TABLE WITH THE 100-YEAR RETURN PERIOD AIR FREEZING INDEX (BDF-DAYS) FROM FIGURE R303.5(2) OR FROM THE 100-YEAR (99 PERCENT) VALUE ON THE NATIONAL CLIMATIC DATA CENTER DATA TABLE "AIR FREEZING INDEX-USA METHOD (BASE 32°F)" AT WWW.NCDC.NOAA.GOV/FRIP.HTM. J. THE JURISDICTION SHALL FILL IN THIS PART OF THE TABLE WITH THE MEAN ANNUAL TEMPERATURE FROM THE NATIONAL CLIMATIC DATA CENTER DATA TABLE "AIR FREEZING INDEX-USA METHOD (BASE 32°F)" AT WWW.NCDC.NOAA.GOV/FRIP.HTM. K. IN ACCORDANCE WITH SECTION R303.2.1.5, WHERE THERE IS LOCAL HISTORICAL DATA DOCUMENTING STRUCTURAL DAMAGE TO BUILDINGS DUE TO TOPOGRAPHIC WIND-SPEED-UP EFFECTS, THE JURISDICTION SHALL FILL IN THIS PART OF THE TABLE WITH "YES," OTHERWISE, THE JURISDICTION SHALL INDICATE "NO" IN THIS PART OF THE TABLE. </small> | | | | | | | | | | | |

| GENERAL NOTES |
|--|
| 1. ALL WORK SHALL CONFORM TO THE 2012 INTERNATIONAL RESIDENCE CODE WITH LOCAL AMENDMENTS AS ADOPTED BY THE LOCAL BUILDING DEPARTMENT HAVING JURISDICTION. |
| 2. OMISSIONS OR CONFLICTS BETWEEN ELEMENTS OF THE DRAWINGS, DETAILS OR NOTES ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER /DRAFTSMAN IMMEDIATELY OR WHEN THEY HAVE BECOME KNOWN AND WITH THE EXISTENCE OF SAID CONFLICTS OR OMISSIONS, THE GREATER REQUIREMENT SHALL GOVERN. |
| 3. ALL MATERIALS AND EQUIPMENT ARE TO BE INSTALLED ACCORDING TO THE MANUFACTURERS' LITERATURE, SPECIFICATIONS AND/OR INSTRUCTIONS. |
| 4. ALL BEDROOMS SHALL HAVE UNIMPEDED EMERGENCY EGRESS/ACCESS VIA AN EXTERIOR DOORWAY OR EGRESS WINDOW WHERE THE MINIMUM OPENING SIZE IS 5.7 FT ² , MINIMUM OPENING HEIGHT IS 24", MINIMUM OPENING WIDTH IS 20", AND MEETING ALL REQUIREMENTS OF IRC SECTION R310. |
| 5. PROVIDE SMOKE DETECTORS ON SEPARATE ELECTRICAL CIRCUITS WITH BATTERY BACKUPS PER IRC SECTION R317 |
| 6. ALL HABITABLE AREAS SHALL BE HEATED TO MAINTAIN A MINIMUM OF 68 DEGREES F PER IRC SECTION R303.6 |
| 7. PROVIDE TERMITE TREATMENT PER STATE REQUIREMENTS AND IRC SECTION R324. DO NOT DISTURB AFTER APPLICATION AND RETREAT IF CONCRETE IS NOT POURED WITHIN 12 HOURS |
| 8. PROVIDE 1 HOUR FIRE RESISTIVE WALL CONSTRUCTION CONSISTING OF 1 LAYER OF 1/2" OR GREATER TYPE 'X' GYPSUM WALL BOARD AT GARAGE WALLS COMMON TO LIVING AREA FROM SOLE PLATE TO GARAGE CEILING LID; PROVIDE 2 LAYERS OF 1/2" OR GREATER TYPE C WHEN TJ/LLP'S ON 24" O.C. ARE USED. |
| 9. GLASS OR GLAZING IN HAZARDOUS AREAS, DEFINED AS BEING WITHIN 24" OF DOORS OR 18" OFF FLOORS AND OTHER APPLICATIONS IS TO BE TEMPERED OR SAFETY GLASS PER IRC SECTION R308.4 |
| 10. WHEN GYPSUM WALL BOARD IS USED IN TUB/SHOWER AREAS A MOISTURE RATED PRODUCT SHALL BE USED TO A MINIMUM OF 72" ABOVE TUB/SHOWER DRAINS. |
| 11. ALL BUILDING JOINTS, SEAMS PENETRATIONS, AND OTHER SOURCES OF AIR LEAKAGE THROUGH THE BUILDING THERMAL ENVELOPE SHALL BE CAULKED, WEATHER STRIPPED, WRAPPED OR OTHERWISE SEALED TO LIMIT UNCONTROLLED AIR MOVEMENT. |
| 12. INSULATION SHALL BE PER PLAN. IF INSULATION OF ANY PORTION OF THE THERMAL ENVELOPE IS NOT SHOWN IT SHALL BE INSULATED WITH A MINIMUM AS FOLLOWS: R-19 WALLS, R-10 STEM WALLS, AND R-38 CEILING. |

| FOUNDATION NOTES |
|---|
| 1. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL, OR ON ENGINEERED CONTROLLED FILL AND SHALL EXTEND A MINIMUM OF 18" BELOW THE FROST LINE / FINISHED GRADE. |
| 2. DESIGN SOIL BEARING: 1500 PSI ASSUMED UNLESS OTHERWISE NOTED. ANY QUESTIONS REGARDING COMPOSITION OR BEARING CAPACITY OF THE SOIL SHALL BE ADDRESSED BY THE OWNER AND/OR CONTRACTOR. IN THE EVENT OF UNSTABLE CONDITIONS A LICENSED ENGINEER WILL BE CONSULTED. |
| 3. ALL VEGETATION AND FOREIGN OBJECTS SHALL BE REMOVED BEFORE PRIOR TO THE PLACEMENT OF FOOTINGS, SLAB OR OTHER UNDERGROUND INSTALLATIONS. |
| 4. ALL COMPACTION PROCEDURES IN NATURAL GROUND OR ENGINEERED FILL WHICH THE BEARING WEIGHT OF A STRUCTURE RESTS ON SHALL PROVIDE FOR A MINIMUM OF 95% DENSITY, WITH VERIFICATION BY A SOILS REPORT FROM A LICENSED SOILS LABORATORY. SLABS FOR PORCHES, GARAGES, AND DRIVEWAYS SHALL BE COMPACTED BY A PROCESS TO ACHIEVE 95% DENSITY AND VERIFICATION BY A SOILS REPORT IS AT THE DISCRETION OF THE OWNER. |
| 5. ALL CONCRETE WORK SHALL HAVE A MINIMUM COMPREHENSIVE STRENGTH AS OUTLINED IN IRC TABLE R402.2.2 AND ACI318. QUALITY OF ASSURANCE AND CONTROL OF ALL CONCRETE WORK IS TO CONFORM TO CURRENT ACI SPECIFICATIONS. |
| 6. CONCRETE SLABS AND OTHER FLAT WORK SHALL BE GIVEN A MINIMUM 72 HOURS CURING TIME PRIOR TO ANY FORM OF LOADING AND 28 DAYS MINIMUM OF 28 DAYS BEFORE VEHICULAR TRAFFIC. |
| 7. INTERIOR CONCRETE SLABS ARE TO BE TROWELED SMOOTH, EXTERIOR BROOM FINISHED AT EXPOSED AREAS UNLESS OTHERWISE NOTED. |
| 8. ALL CONCRETE MATERIAL SHALL HAVE A MINIMUM CEMENT CONTENT OF 5 SACKS PER YD ³ , MINIMUM 2,500 PSI AND CONFORM TO ASTM C150 TYPE II. AGGREGATE SHALL CONFORM TO ASTM C33. SLUMP TESTING SHALL NOT EXCEED 4" AND WATER MAY NOT BE ADDED AT THE JOB SITE. CONCRETE THAT HAS BEE DELIVERED AND IN TRUCKS, ON THE JOB SITE FOR MORE THAN 1/2 HOUR WILL NOT BE ACCEPTED. |
| 9. CONCRETE IS TO BE PLACED IN ITS FINAL POSITION AND NOT MOVED OR ALTERED THEREAFTER. APPLY MECHANICAL VIBRATION AT DUCTS OR OTHER STRUCTURES AS NEEDED TO ENSURE COMPLETE PLACEMENT. |

| MASONRY NOTES |
|--|
| 1. ALL MASONRY SHALL CONFORM TO THE IRC SECTION R606. |
| 2. CONCRETE MASONRY UNITS SHALL BE HOLLOW, LOAD BEARING, AND CONFORM TO AST C90, TYPE I WITH A MINIMUM COMPRESSIBLE STRENGTH OF 1,350 PSI AT 28 DAYS. |
| 3. MASONRY GROUT SHALL CONFORM TO ASTM C476 COURSE GROUT. HOLLOW MASONRY UNITS CONTAINING STEEL REINFORCEMENT SHALL BE FILLED SOLID WITH GROUT TO LAYERS OR HEIGHTS AS PRESCRIBED BY CODE, WITH SPECIAL INSPECTIONS IF NECESSARY. |
| 4. REINFORCING STEEL SHALL BE PER PLAN AND AT MINIMUM CONFORM TO ASTM GRADE 40, BE CONTINUOUSLY LAPPED 40 DIAMETERS, VERTICALS AT 48" ON CENTER AND ONE VERTICAL REINFORCING, FULL HEIGHT BAR AT ALL WINDOW AND DOOR JAMBS, EACH SIDE OF EXPANSION JOINTS, WALL CORNERS, WALL ENDS, OR AS INDICATED ON THE DRAWINGS. |

| FRAMING NOTES |
|--|
| 1. FRAMING PLANS INDICATE STRUCTURAL CONDITIONS ONLY AND NOT METHODS OF CONSTRUCTION. INSTALL BLOCKING, BRACING, AND ADDITIONAL MEMBERS AS REQUIRED BY CODE, WHETHER CALLED OUT IN THE DRAWING OR NOT. PROVIDE OR REPLACE NAILERS, BACKING OR OTHER MEMBERS AS NEEDED FOR WALLBOARD, ROOFING, PLUMBING, MECHANICAL AND ELECTRICAL AND OTHER ACCESSORY INSTALLATIONS. REPLACE BENT, BOWED OR DEFECTIVE MEMBERS, LEVEL OR RE-LEVEL WALLS, FLOOR AND WINDOW JAMBS PRIOR TO WALLBOARD, AND MEMBERS ALTERED OR DAMAGED BY OTHER TRADES. |
| 2. PLYWOOD SHEATHING SHALL BE CDX (CCX WHEN EXPOSED) OR OSB, THICKNESS PER PLANS AND SHALL BEAR THE STAMP OF AN APPROVED GRADING AGENCY. |
| 3. ALL EXTERIOR WALLS SHALL BE SHEATHED CONTINUOUSLY REGARDLESS OF MINIMUM BRACED WALL REQUIREMENTS. |
| 4. SIL PLATES SHALL BE PRESSURE TREATED AND BE TERMITE, FUNGUS, AND DECAY RESISTANT. |
| 5. ALL FRAMING LUMBER SHALL BE IN SERVICEABLE CONDITION AND CONFORM TO THE LATEST MANUAL EDITION OF WESTERN WOOD PRODUCTS ASSOCIATION OR THE WEST COAST LUMBER INSPECTIONS BUREAU. ALL SAWN LUMBER SHALL BE GRADE STAMPED WITH THE MARK OF AN APPROVED GRADING AGENCY ALL FRAMING LUMBER SHALL BE DOUGLAS FIR LARCH OF THE FOLLOWING GRADES WITH THE MINIMUM PROPERTIES: JOISTS NO. 2 BEAMS 4" WIDTH: NO. 2 LEDGERS AND TOP PLATES: NO. 2 2x4 AND 2x6 STUDS: NO. 2 POSTS, 4x4 NO. 2 POSTS 4x6 AND LARGER: NO. 1 |
| 6. MANUFACTURED BEAMS ARE TO BE DOUGLAS FIR OR EQUAL AND ARE TO INCLUDE ALL NECESSARY APPURTENANCES AND MATERIAL AND HARDWARE FOR ANCHORAGES, BRIDGING, BRACING, AND SPLICES IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, WHETHER CALLED OUT ON THE DRAWINGS OR NOT. |
| 7. PROVIDE POSITIVE METAL CONNECTORS PROVIDING FOR ANCHORAGE AND REINFORCEMENT OF ALL STRUCTURAL MEMBERS FROM FOUNDATION THROUGH TO THE TOP OF THE STRUCTURE FOR UPLIFTING AND LATERAL MOVEMENT AS DETAILED IN THE PLANS AND FOR ANY PLACE IN CASE OF OMISSION. DESIGN LOADS: ROOF: DEAD: 15 PSF, LIVE: 20 PSF, SNOW: 30 PSF FLOOR: DEAD: 15 PSF, LIVE LOAD 40 PSF WIND: 90 MPH |

| GENERAL FASTENER NOTES |
|--|
| 1. ALL NAILS ARE SMOOTH-CORNER, BOX OR DEFORMED SHANKS EXCEPT WHERE OTHERWISE STATED. NAILS USED FOR FRAMING AND SHEATHING CONNECTIONS SHALL HAVE A MINIMUM AVERAGE BENDING YIELD STRENGTHS AS SHOWN: 80KSI FOR SHANK DIAMETER OF 0.192 INCH (200 COMMON NAIL), 90KSI FOR SHANK DIAMETERS LARGER THAN 0.142 INCH BUT NOT LARGER THAN 0.177 INCH, AND 100KSI FOR SHANK DIAMETERS OF 0.142 INCH OR LESS. |
| 2. NAILS SHALL BE SPACED AT NOT MORE THAN 6 INCHES ON CENTER AT ALL SUPPORTS WHERE SPANS ARE 48 INCHES OR GREATER. |
| 3. NAILS ATTACHING WOOD STRUCTURAL PANEL ROOF SHEATHING TO INTERMEDIATE SUPPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR A MINIMUM 48-INCH DISTANCE FROM RIDGES, EAVES, AND GABLE END WALLS, AND 4 INCHES ON CENTER TO GABLE END WALL FRAMING. |
| 4. UNLESS OTHERWISE NOTED ATTACHMENTS VIA BRACKETS, HANGERS, ETC SHALL FOLLOW THE MANUFACTURERS FASTENER SCHEDULE FOR THE MINIMUM DESIGN LOAD OR BETTER. |
| 5. IN CASE OF A CONTRADICTION OF THE GENERAL FASTENER SCHEDULE AND FASTENER REQUIRED BY A DETAIL DRAWING OR CALL OUT, THE CALL OUT OR DETAIL DRAWING SHALL TAKE PRECEDENCE UNLESS IT RESULTS IN A INFERIOR CONNECTION. |

| FASTENER SCHEDULE: GENERAL STRUCTURAL MEMBERS | | |
|---|--|--|
| LINE | CONNECTION | FASTENER LOCATION |
| 1 | JOIST TO SILL OR GIRDER | 3-8D TOENAIL |
| 2 | BRIDGING TO JOIST | 2-8D TOENAIL EACH END |
| 3 | SOLE PLATE TO JOIST OR BLOCKING | 16D AT 16" O.C. TYPICAL FACE NAIL |
| 4 | SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL | 3-16D AT 16" O.C. BRACED WALL PANEL |
| 5 | TOP PLATE TO STUD | 2-16D END NAIL |
| 6 | STUD TO SOLE PLATE | 4-8D / 2-16D TOENAIL / END NAIL |
| 7 | DOUBLE STUDS | 16D AT 24" O.C. FACE NAIL |
| 8 | DOUBLE TOP PLATES | 16D AT 16" O.C. TYPICAL FACE NAIL |
| 9 | DOUBLE TOP PLATES 24" OFFSET OF END JOINTS | 8-16D FACE NAIL IN LAPPED AREA |
| 10 | BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE | 3-8D TOENAIL |
| 11 | RIM JOIST TO TOP PLATE | 8D AT 6" O.C. TOENAIL |
| 12 | TOP PLATE, LAPS, CORNERS AND INTERSECTIONS | 2-16D FACE NAIL |
| 13 | CONTINUOUS HEADER, TWO PIECES | 16D 16" O.C. ALONG EDGE |
| 14 | CONTINUOUS HEADER TO STUD | 4-8D TOENAIL |
| 15 | RAFTER TO PLATE | 3-8D TOENAIL |
| 16 | BUILT-UP CORNER STUDS | 16D 24" O.C. |
| 17 | BUILT-UP GIRDER AND BEAMS | 20D 32" O.C. FACE NAIL 32" O.C. STAGGERED 8 2-20D & FACE NAIL AT ENDS AND SPLICES |
| 18 | JOIST TO BAND JOIST | 3-16D FACE NAIL |

| FASTENER SCHEDULE: WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING | | | |
|--|-----------------|--------------------------------|--------------------------------|
| LINE | PANEL THICKNESS | FASTENER | SPACING (EDGE) SPACING (FIELD) |
| 1 | 3/8"-1/2" | 6D (SUB-FLOOR WALL), 8D (ROOF) | 6" 12"G |
| 2 | 1/2" 3/4" | 8D | 6" 12"G |
| 3 | 1 1/8"-1 1/4" | 10D | 6" 12" |

| FASTENER G | | | |
|------------|-----------------|-----------------------|--------------------------------|
| LINE | PANEL THICKNESS | FASTENER | SPACING (EDGE) SPACING (FIELD) |
| 1 | 5/8" | 1 5/8" DRYWALL SCREWS | 7" 7" |

| DOOR SCHEDULE | | | | | | | | |
|---------------|--------|--------|---------|-------------|------------------|----------|------|---------------------------|
| | WIDTH | HEIGHT | HDWR | FIRE RATING | CONSTRUCTION | U-FACTOR | SHGC | NOTES |
| 1 | 3'-0" | 6'-8" | ENTRY | N/A | FIBERGLASS/GLASS | 0.35 | 0.41 | MSTR EXTERIOR HINGED DOOR |
| 2 | 5'-10" | 6'-8" | ENTRY | N/A | VINYL/GLASS | 0.35 | 0.41 | MSTR EXT FRENCH |
| 3 | 3'-0" | 6'-8" | PASSAGE | N/A | WOOD | - | - | BATHROOM POCKET DOOR |
| 4 | 3'-0" | 6'-8" | ENTRY | R302.5.1 | WOOD | - | - | GARAGE HINGED DOOR |
| 5 | 3'-0" | 6'-8" | PRIVACY | N/A | WOOD | - | - | BATHROOM HINGED DOOR |
| 6 | 3'-0" | 6'-8" | ENTRY | R302.5.1 | WOOD | - | - | GARAGE HINGED DOOR |
| 7 | 3'-0" | 6'-8" | PRIVACY | N/A | WOOD | - | - | BEDROOM HINGED DOOR |
| 8 | 12'-0" | 6'-8" | ENTRY | N/A | VINYL/GLASS | 0.35 | 0.41 | PATIO SLIDING DOOR |
| 9 | 3'-0" | 6'-8" | PRIVACY | N/A | WOOD | - | - | BEDROOM HINGED DOOR |
| 10 | 10'-0" | 8'-0" | GARAGE | N/A | PANEL | - | - | GARAGE W/ REMOTE OPENER |
| 11 | 18'-0" | 8'-0" | GARAGE | N/A | PANEL | - | - | GARAGE W/ REMOTE OPENER |
| 12 | 6'-0" | 6'-8" | PASSAGE | N/A | WOOD | - | - | STUDY FRENCH DOOR |
| 13 | 4'-0" | 6'-8" | PASSAGE | N/A | WOOD | - | - | HALLWAY FRENCH DOOR |
| 14 | 3'-0" | 6'-8" | PRIVACY | N/A | WOOD | - | - | BEDROOM HINGED DOOR |
| 15 | 2'-8" | 6'-8" | PRIVACY | N/A | WOOD | - | - | SHOWER POCKET DOOR |
| 16 | 3'-0" | 6'-8" | PRIVACY | N/A | WOOD | - | - | BATHROOM HINGED DOOR |
| 17 | 4'-8" | 6'-8" | PASSAGE | N/A | WOOD | - | - | CLOSET BI-FOLD DOOR |
| 18 | 2'-8" | 6'-8" | PRIVACY | N/A | WOOD | - | - | WATER CLOSET HINGED DOOR |
| 19 | 4'-8" | 6'-8" | PASSAGE | N/A | WOOD | - | - | CLOSET BI-FOLD DOOR |
| 20 | 3'-0" | 6'-8" | PRIVACY | N/A | WOOD | - | - | BEDROOM HINGED DOOR |
| 21 | 3'-0" | 6'-8" | PRIVACY | N/A | WOOD | - | - | BEDROOM HINGED DOOR |
| 22 | 4'-8" | 6'-8" | PASSAGE | N/A | WOOD | - | - | CLOSET BI-FOLD DOOR |
| 23 | 3'-0" | 6'-8" | ENTRY | R302.5.1 | WOOD | - | - | GARAGE HINGED DOOR |
| 24 | 2'-4" | 6'-8" | PASSAGE | N/A | WOOD | - | - | PANTRY HINGED DOOR |
| 25 | 3'-0" | 6'-8" | PASSAGE | N/A | WOOD | - | - | UTILITY RM POCKET DOOR |
| 26 | 2'-6" | 6'-8" | PASSAGE | N/A | WOOD | - | - | BATHROOM HINGED DOOR |
| 27 | 2'-6" | 6'-8" | PASSAGE | N/A | WOOD | - | - | BATHROOM HINGED DOOR |
| 28 | 3'-0" | 6'-8" | ENTRY | N/A | WOOD | 0.35 | - | FRONT HINGED DOOR |
| A1 | - | - | - | - | - | - | - | OMITTED |
| A2 | 4'-8" | 3'-0" | PASSAGE | N/A | WOOD | - | - | ATTIC ACCESS DOOR FOR HRV |

| WINDOW SCHEDULE | | | | | | | | | |
|-----------------|-------|--------|-------|-------------|----------|------|--------|----------|------------------------|
| # | WIDTH | HEIGHT | FRAME | HEAD HEIGHT | U-FACTOR | SHGC | EGRESS | TEMPERED | NOTES |
| A | 72" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | N | N | MSTR BD GLIDER |
| B | 120" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | N | N | LVRM GLIDER |
| C | 42" | 60" | VINYL | 6'-8" | 0.35 | 0.41 | N | Y | MSTR BD FIXED |
| D | 42" | 60" | VINYL | 6'-8" | 0.35 | 0.41 | N | Y | MSTR BD FIXED |
| E | - | - | - | - | - | - | - | - | OMITTED |
| F | 18" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | N | Y | MSTR BATH GLIDER |
| G | 48" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | N | Y | MSTR BATH GLIDER |
| H | 48" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | Y | N | BEDROOM GLIDER |
| I | 48" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | Y | N | BEDROOM GLIDER |
| J | 48" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | Y | N | BEDROOM GLIDER |
| K | 48" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | Y | N | BEDROOM GLIDER |
| L | 96" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | N | N | STUDY GLIDER |
| M | 18" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | N | Y | FOYER FIXED |
| N | 18" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | N | Y | FOYER FIXED |
| O | 36" | 36" | VINYL | 6'-8" | 0.35 | 0.41 | N | Y | BATH, GLIDER, P. GLASS |
| P | 48" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | N | N | UTILITY GLIDER |
| Q | 48" | 48" | VINYL | 6'-8" | 0.35 | 0.41 | N | N | GARAGE GLIDER |
| 2A | 36" | 36" | VINYL | 12'-2" | 0.35 | 0.41 | N | N | ATTIC S GLIDER |
| 2B | 36" | 36" | VINYL | 12'-2" | 0.35 | 0.41 | N | N | ATTIC S GLIDER |
| 2C | 36" | 36" | VINYL | 16'-2" | 0.35 | 0.41 | N | N | ATTIC S GLIDER |
| 2D | 36" | 36" | VINYL | 12'-2" | 0.35 | 0.41 | N | N | ATTIC S GLIDER |
| 2E | 36" | 36" | VINYL | 12'-2" | 0.35 | 0.41 | N | N | ATTIC S GLIDER |
| 2F | 36" | 36" | VINYL | 16'-2" | 0.35 | 0.41 | N | N | ATTIC S GLIDER |
| 2G | 36" | 36" | VINYL | 16'-2" | 0.35 | 0.41 | N | N | ATTIC E GLIDER |
| 2H | 36" | 36" | VINYL | 16'-2" | 0.35 | 0.41 | N | N | ATTIC E GLIDER |
| 2I | 48" | 48" | VINYL | 16'-2" | 0.35 | 0.41 | N | N | ATTIC N GLIDER |
| 2J | 48" | 48" | VINYL | 16'-2" | 0.35 | 0.41 | N | N | ATTIC N GLIDER |
| 2K | 48" | 48" | VINYL | 16'-2" | 0.35 | 0.41 | N | N | ATTIC W GLIDER |
| 2L | 48" | 48" | VINYL | 16'-2" | 0.35 | 0.41 | N | N | ATTIC W GLIDER |

| General Notes | | |
|---------------|----------------|------|
| No. | Revision/Issue | Date |

Sheet Title

DOOR, WINDOW AND FASTENER SCHEDULES

||
||
||

Need to step footer/stem wall due to grade.
Add drawing and show locations.

Tom said they are not putting something in concrete unless you ask for it down in tucson. What is it? Do I need it?

Do I need to specify concrete floor expansion joint?

Per another plan it called for: "provide fibre/asphalt impregnated expansion control material between flatworks and vertical element by cuts and expansion or control joints 2' to 15' each way"

Do I need control joints between porch column footing and cement patio?

- Notes
1. TREAT THE GROUND FOR TERMITES BEFORE POURING CONCRETE.
 2. CMU BLOCK STEMWALL SHALL BE 4 CMUS TALL AT NORTH WEST CORNER OF HOUSE. FOOTER AND STEM WALL MAY BE STEPPED DOWN UP TO THREE CMUS. (24") AS REQUIRED BY GRADE IN ORDER TO MAINTAIN FROST LINE AND KEEP THE FOUNDATION ON UNDISTURBED SOIL AND NOT FILL.
 3. PROVIDE FIBRE/ASPHALT IMPREGNATED EXPANSION CONTROL MATERIAL BETWEEN FLATWORK AND ALL VERTICAL ELEMENTS SUCH AS STEM WALL.
 4. ALL CONCRETE USED FOR CONSTRUCTION SHALL COMPLY WITH IRC2012 R402.2

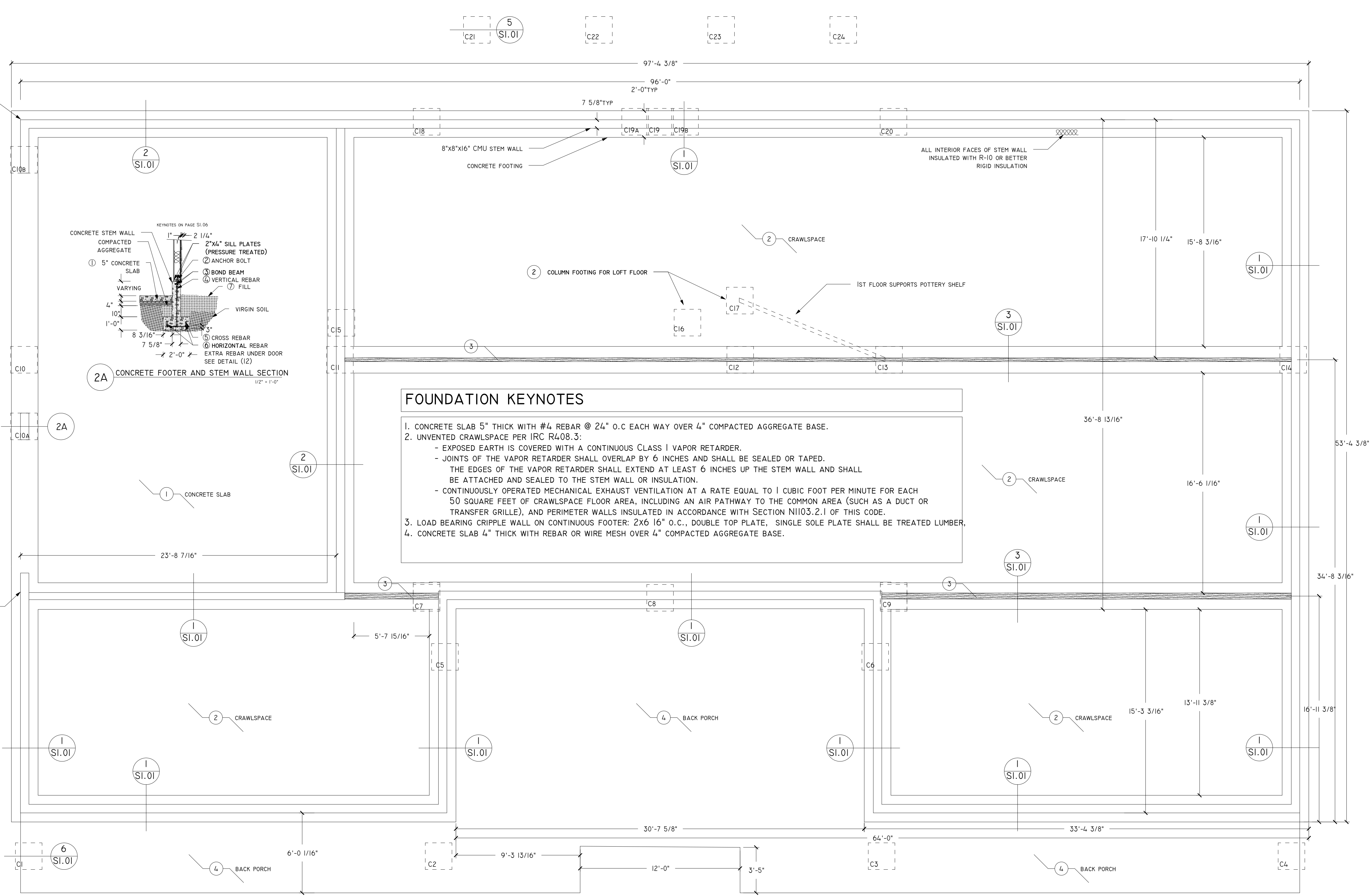
COLUMN FOOTINGS

| ID | XDIM | YDIM | FOOTING |
|------|--------------|---------------|---------|
| C1 | 0'-7 7/16" | -55'-3" | PPF |
| C2 | 34'-4 9/16" | -55'-3" | PPF |
| C3 | 64'-7 7/16" | -55'-3" | PPF |
| C4 | 95'-4 9/16" | -55'-3" | PPF |
| C5 | 31'-10 1/4" | -40'-3 9/16" | CF |
| C6 | 64'-1 3/4" | -40'-3 9/16" | CF |
| C7 | 30'-5 11/16" | -35'-8 11/16" | CF |
| C8 | 48'-0" | -35'-10 3/8" | CF |
| C9 | 65'-6 5/16" | -35'-8 11/16" | CF |
| C10 | 0'-3 3/16" | -18'-0" | N/A |
| C10A | 0'-3 3/16" | -23'-0 1/8" | CF |
| C10B | 0'-3 3/16" | -3'-0" | CF |
| C11 | 23'-11 5/8" | -18'-0" | CF |
| C12 | 54'-0 3/16" | -18'-0" | CF |
| C13 | 65'-2 1/8" | -18'-0" | CF |
| C14 | 95'-6 1/8" | -18'-0" | CF |
| C15 | 24'-0 1/4" | -15'-3 9/16" | CF |
| C16 | 50'-0 5/8" | -15'-2 9/16" | PF |
| C17 | 53'-11 3/4" | -13'-6 13/16" | PF |
| C18 | 30'-5 13/16" | -0'-1 3/4" | CF |
| C19 | 48'-0" | -0'-1 3/4" | CF |
| C19A | 46'-1 1/2" | -0'-1 3/4" | CF |
| C19B | 49'-9 5/8" | -0'-1 3/4" | CF |
| C20 | 65'-6 3/16" | -0'-1 3/4" | CF |
| C21 | 34'-3" | 6'-9" | PF |
| C22 | 43'-5" | 6'-9" | PF |
| C23 | 52'-7" | 6'-9" | PF |
| C24 | 61'-9" | 6'-9" | PF |

CF - CONTINUOUS FOOTING:
SEE STRUCTURAL DETAIL DRAWINGS 1-4

PF - PIER FOOTING:
SEE STRUCTURAL DETAIL DRAWING 5

PPF - PIER FOOTING AT PATIO:
SEE STRUCTURAL DETAIL DRAWING 6



General Notes

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |
| | | |

FOUNDATION PLAN
 Sheet Title

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327
 Project Name and Address

| | |
|------------------------------|----------------|
| Drawn By ADAM GOLDENSTEIN | Sheet SI.01 |
| Date 3/23/2018 | |
| Scale 1/4"=1'-0" | |

FOUNDATION PLAN

1/4" = 1'-0"

1ST FLOOR FRAMING KEYNOTES

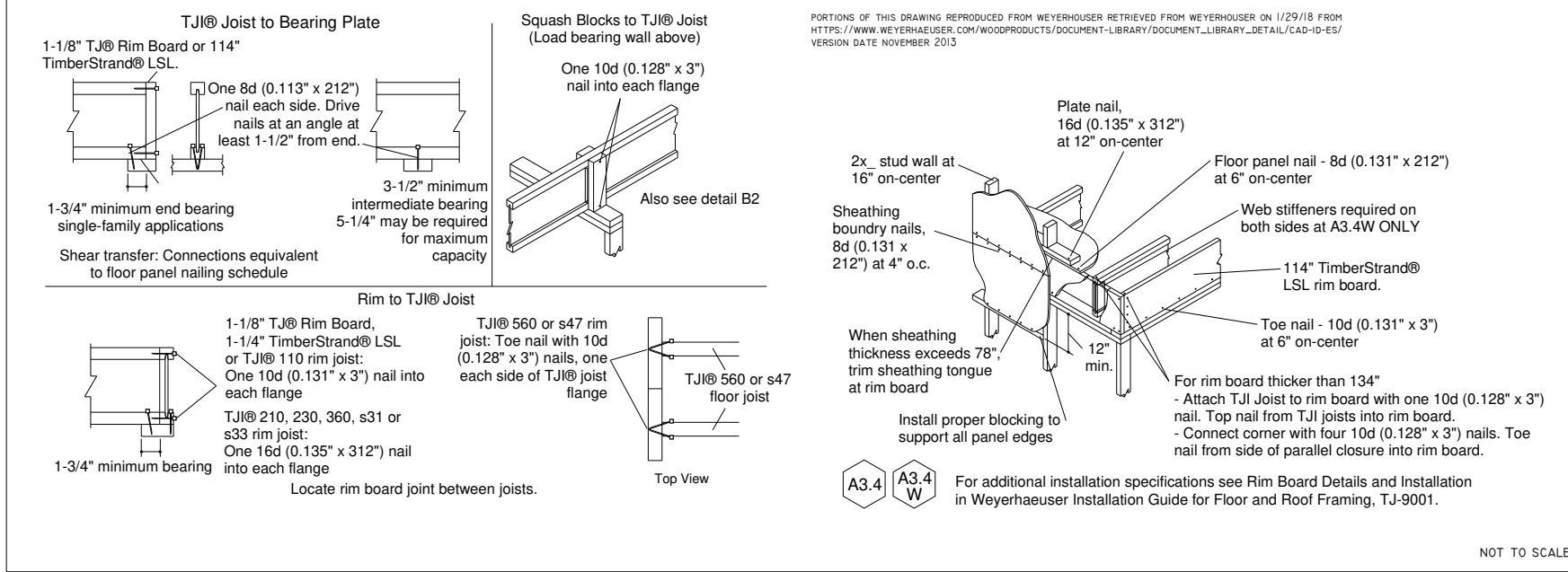
- 1-1/8" TJI COMPATIBLE RIM BOARD.
- SAFETY BRACING (1x4 MINIMUM) PLACED AT 8' ON-CENTER AND EXTENDED TO A BRACED END WALL. FASTEN AT EACH JOIST WITH TWO 8D (0.113" X 2 1/2") NAILS MINIMUM.
- 2X6 CRIPPLES WALL 16" O.C., DOUBLE TOP PLATE, SINGLE BOTTOM PLATE.
- REMOVABLE CRAWLSPACE ACCESS COVER, TJI HEADER-OFF CONSTRUCTION SHALL COMPLY WITH WEYERHAUSER TB-816 TJI JOIST HEADER-OFF SPAN TABLE.
- H2 DRAWING DETAIL FROM WEYERHAUSER IS REPRODUCED ON THIS SHEET FOR REFERENCE.
- FRONT DECKING MATERIAL: 2X6 REDWOOD BOARDS RUNNING LENGTHWAYS WITH DECK.
- 7/8" T&G PLYWOOD SUB-FLOOR GLUED AND NAILED.

COLUMN SCHEDULE

| COLUMN | LENGTH | ATTACHMENT: BOTTOM/TOP |
|---------------|------------------|--|
| C1-C4 | 6x6 Post DF #2 | SEE DETAIL 6 & 30 |
| C5,C6 | 4-2x4 DF #2 | SEE DETAIL 28 & 19 |
| C7,C9,C18,C20 | 4-2x4 DF #2 | SEE DETAIL 28 & 18 |
| C8,C19 | 4-2x4 DF #2 | SEE DETAIL 28, 27, 21, 25 |
| C10 | SEE DETAIL 29 | SEE DETAIL 29 |
| C11 | 3-2x6 POST DF #2 | SEE DETAIL 29 & 27 |
| C12 | 7x7 PARALAM | SEE DETAIL 32, SIMPSON CC78 COLUMN CAP |
| C13 | 4-2x6 POST DF #2 | SEE DETAIL 32 |
| C14 | 4-2x4 POST DF #2 | SEE DETAIL 28, 27, 21 |
| C15-C17 | 3-2x4 POST DF #2 | 5-8D TOENAIL / 5-8D TOENAIL |
| C21-24 | 6x6 POST DF #2 | SEE DETAIL 5 / SIMPSON PC6Z POST CAP |

JOIST SCHEDULE

| MEMBER | LENGTH | QUANTITY | ATTACHMENT |
|--------|----------------------------|------------|-------------------------------|
| J1A | 11-7/8" TJI 360 @ 16" o.c. | 16'-3 1/4" | 23 NAILED, SEE DRAWING BELOW |
| J2B | 11-7/8" TJI 360 @ 16" o.c. | 16'-1 5/8" | 23 NAILED, SEE DRAWING BELOW |
| J3 | 11-7/8" TJI 360 @ 16" o.c. | 35'-8 7/8" | 53 NAILED, SEE DRAWING BELOW |
| J-D | 2X6 DF # 2 | 6'-10 1/2" | 24 NAILING, SEE GENERAL NOTES |



This drawing reproduced from Weyerhaeuser retrieved from Weyerhaeuser on 1/28/18 from <http://www.weyerhaeuser.com/woodproducts/document-library/detail-detail-id-6/> version date November 2013

Double TJI Joist Filler Block. Attach per the table below. Clinch nails when possible.

Hanger Backer Block. Install tight to top flange (tight to bottom flange with load mount hangers). Attach per the table below. Clinch nails when possible.

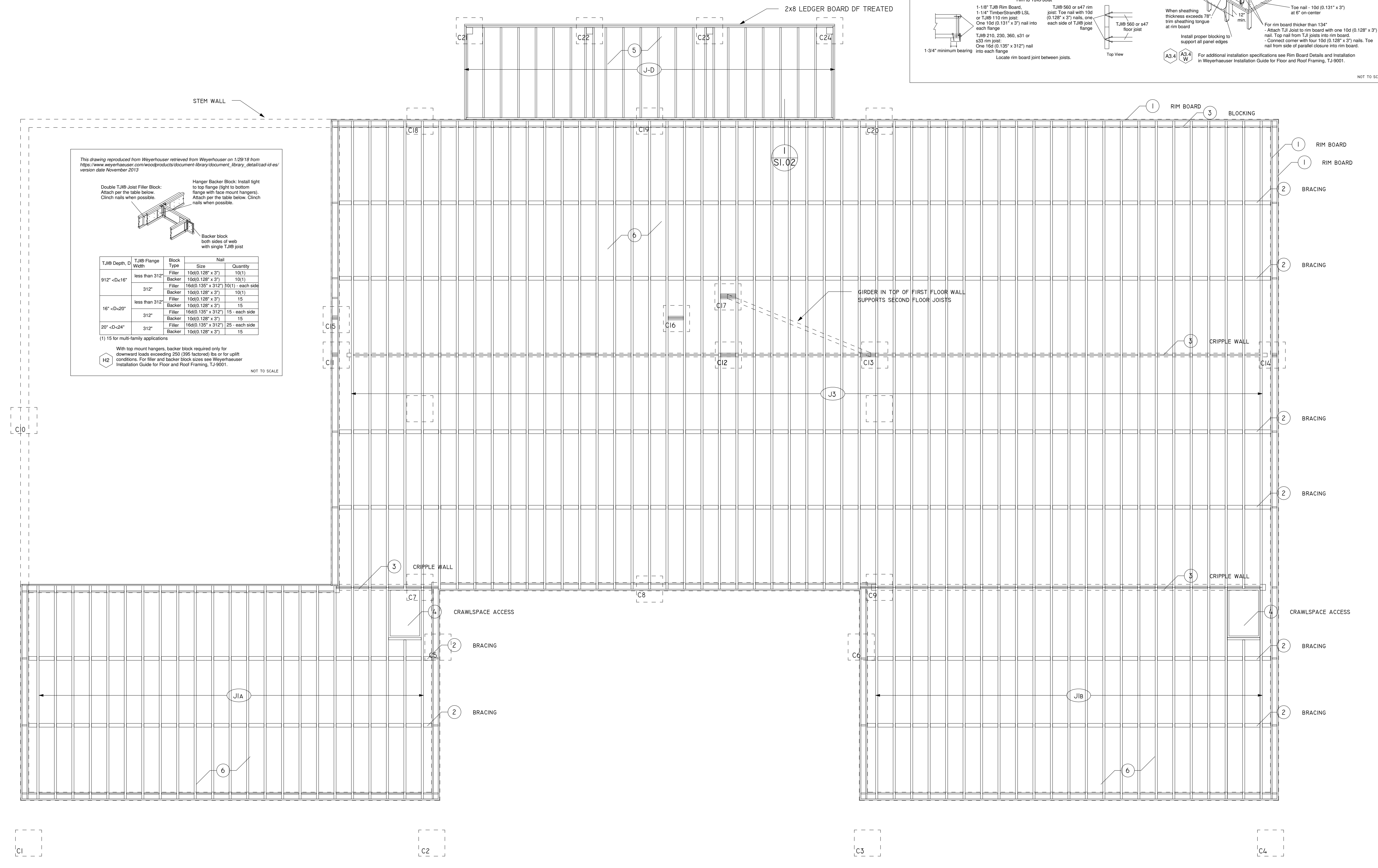
Backer block both sides of web with single TJI joist

| TJI Depth, D | TJI Flange Width | Block Type | Size | Nail Quantity |
|--------------|------------------|------------|-------------------------------------|---------------|
| 912" <D<16" | less than 312" | Filler | 10x0(128" x 3") | 10(1) |
| | | Backer | 10x0(128" x 3") | 10(1) |
| 16" <D<20" | 312" | Filler | 16x0(135" x 312") 10(1) - each side | 15 |
| | | Backer | 10x0(128" x 3") | 10(1) |
| 20" <D<24" | less than 312" | Backer | 10x0(128" x 3") | 15 |
| | | Filler | 16x0(135" x 312") 15 - each side | 15 |
| 20" <D<24" | 312" | Filler | 16x0(135" x 312") 25 - each side | 15 |
| | | Backer | 10x0(128" x 3") | 15 |

(1) 15 for multi-family applications

With top mount hangers, backer block required only for downward loads exceeding 250 (395 factored) lbs or for uplift conditions. For filler and backer block sizes see Weyerhaeuser Installation Guide for Floor and Roof Framing, TJI-9001.

NOT TO SCALE



General Notes

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |
| | | |

FLOOR FRAMING PLAN

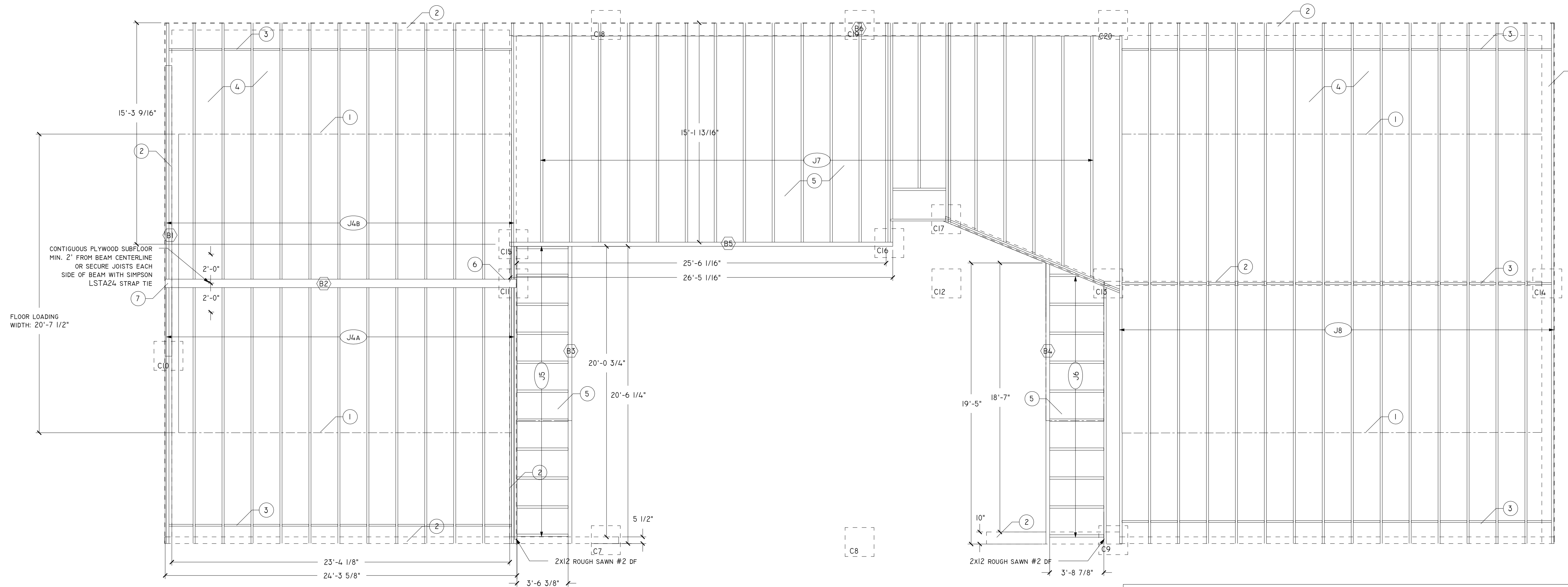
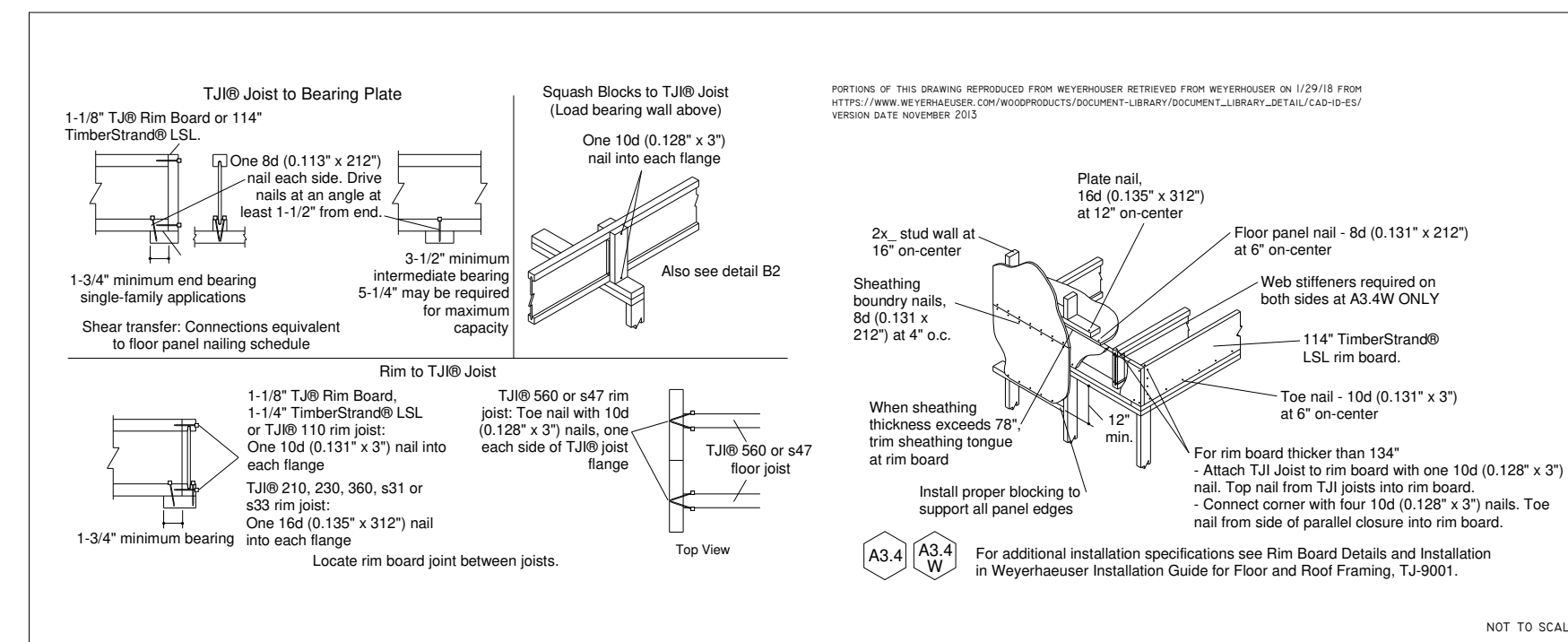
GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

| | |
|--|-----------------------|
| Drawn By ADAM GOLDENSTEIN Date 3/23/2018 Scale 1/4" = 1'-0" | Sheet SI.02 |
|--|-----------------------|

FLOOR FRAMING PLAN

1/4" = 1'-0"

| BEAM SCHEDULE | | | | | |
|---------------|-------------------------------|------------------|--------------------------------|-------------|--|
| MEMBER | BEARING | SPAN | LENGTH | ATTACHMENT | |
| B1 | 4-1 3/4" x 16" LVL | 4 1/2", 6" | 18'-0" | 18'-10 1/2" | SEE DETAIL 29, 5-8D TOE NAIL TOP PLATE |
| B2 | 4-1 3/4" x 16" LVL | 5 1/2", 6" | 23'-4 1/8" | 24'-3 5/8" | 5-8D TOE NAIL TOP PLATE EACH SIDE |
| B3 | 3 1/8" x 12" DF 24F-V4 GLULAM | 5 1/2", 2 1/2" | 20'-0 3/4" | 20'-6 1/4" | 5-8D TOE NAIL TOP PLATE, HUC3.25/12 |
| B4 | 3 1/8" x 12" DF 24F-V4 GLULAM | 10", 2 1/2" | 19'-7" | 19'-5" | 5-8D TOE NAIL TOP PLATE, HUC3.25/12 22 DEG |
| B5 | 3 1/2" x 21" DF 24F-V4 GLULAM | 5 1/2", 5 1/2" | 25' 6 1/8" | 26' 5 1/16" | 5-8D TOE NAIL TOP PLATE, I212HLPC |
| B6 | 2-1 3/4" x 11 7/8" LVL | 4 1/5", 4 1/2" | 3' 2 1/2" | 3'-11 1/2" | SEE DETAIL 16 |
| B7ABCD | 6X8 ROUGH SAWN DF | 2 1/2", 5 1/2" | 5'-3" | 5'-9 7/16" | SEE DETAIL 30 |
| B8AB | 2-1 3/4" x 11 7/8" LVL | 2", 2" | 17'-2 7/16" | 24' APPROX | SEE DETAIL 19, SIMPSON U410 |
| B9A | 5 1/2" x 16" DF 24F-V4 GLULAM | 10", 10" | 32'-0 7/8" | 33'-8" | SEE DETAIL L1 |
| B9B | 5 1/2" x 16" DF 24F-V4 GLULAM | 1' 5 9/16", 2" | 15'-3 1/8" | 21'* | SEE DETAIL L1 |
| B9C | 5 1/2" x 16" DF 24F-V4 GLULAM | 1' 5 9/16", 2" | 15'-3 1/8" | 21'* | SEE DETAIL L1 |
| B9D | 5 1/2" x 5 1/2" DF | 3 1/2", 3 1/2" | NA | 10'-1 1/2" | SEE DETAIL L1 |
| B10 | OMITTED | OMITTED | OMITTED | OMITTED | OMITTED |
| B11A | 2-1 3/4" x 16" LVL | 5 1/2", 10" / 2" | 6'-11", 4' 1 1/4", 17'-1 9/16" | 29'-5 1/4" | SEE STRUCTURAL BEAM PLAN |
| B11B | 2-1 3/4" x 16" LVL | 2", 10" | 17'-1 9/16", 2'-0" | 20'-0" | SEE STRUCTURAL BEAM PLAN |
| B12ABCD | 3-1 3/4" x 16" LVL | 5 1/2", 2" | 24'-5 3/16" | 30'* | SEE STRUCTURAL BEAM PLAN |
| B13 | 5.5"x24" DF 24F-V4 GLULAM | 5 1/2", 3" | 23' 3 1/8" | 23' 11 5/8" | SEE STRUCTURAL BEAM PLAN |
| B14 | 6.75"x24" DF 24F-V4 GLULAM | 4", 5" | 29'-4 5/8" | 30'-1 5/8" | SEE STRUCTURAL BEAM PLAN |
| B15 | 6.75"x24" DF 24F-V4 GLULAM | 2", 3" | 10'-7 7/16" | 11'-0 7/16" | SEE STRUCTURAL BEAM PLAN |
| B16 | 5.5"x24" DF 24F-V4 GLULAM | 4", 5 1/2" | 29'-9 15/16" | 30'-9 7/16" | SEE STRUCTURAL BEAM PLAN |
| B17AB | 6X8 ROUGH SAWN DF | 2", 3" MITER | 6'-4" | 7'-0" | SEE DETAIL 30 |
| B18 | 6X8 ROUGH SAWN DF | 3", 3" 45 MITER | 8'-8" | 9'-5" | SEE DETAIL 30 |



| CEILING FRAMING KEYNOTES | |
|--------------------------|--|
| 1. | ATTIC FLOOR OUTLINE (EXTERIOR EDGE OF KNEE WALL) |
| 2. | TOP PLATE OF LOAD BEARING WALL BELOW |
| 3. | BLOCKING |
| 4. | 5/8" DRYWALL SECURED TO UNDERSIDE OF TJIS SERVES AS BRACING (DRYWALL TO BE ABSENT WHERE JOISTS MEET INTERIOR WALLS) |
| 5. | UNDERSIDE OF ROUGH SAWN FLOOR JOISTS EXPOSED |
| 6. | BEAM B2 SECURED TO TOP PLATE WITH 6-8D TOENAILS. COLUMN I1 SECURED ABOVE/BELOW ATTIC FLOOR VIA HOLDOWN PER DETAIL 27 |
| 7. | SEE DETAIL 29 FOR CONNECTION DETAILS |

| COLUMN SCHEDULE | | |
|-----------------|------------------|---|
| COLUMN | LENGTH | ATTACHMENT: BOTTOM/TOP |
| C1-C4 | 6X6 POST DF #2 | SEE DETAIL 6 & 30 |
| C5,C6 | 4-2X4 DF #2 | SEE DETAIL 28 & 19 |
| C7,C9,C18,C20 | 4-2X4 DF #2 | SEE DETAIL 28 & 18 |
| C8,C19 | 4-2X4 DF #2 | SEE DETAIL 28, 27, 21, 25 |
| C10 | SEE DETAIL 29 | SEE DETAIL 29 |
| C11 | 3-2X6 POST DF #2 | SEE DETAIL 29 & 27 |
| C12 | 7X7 PARALAM | SEE DETAIL BELOW, SIMPSON CC78 COLUMN CAP |
| C13 | 4-2X6 POST DF #2 | SEE DETAIL BELOW |
| C14 | 4-2X4 POST DF #2 | SEE DETAIL 28, 27, 21 |
| C15-C17 | 3-2X4 POST DF #2 | 5-8D TOENAIL / 5-8D TOENAIL |
| C21-24 | 6X6 POST DF #2 | SEE DETAIL 5 / SIMPSON PC6Z POST CAP |

| JOIST SCHEDULE | | | | |
|----------------|----------------------------------|--------------|--------|---|
| MEMBER | LENGTH | QUANTITY | HANGER | |
| J4A | 11-7/8" TJI I10 @ 24" o.c. | 17'-8 1/2" | 13 | 1US1.81/11.88 HANGER / NAIL SEE DRAWING |
| J4B | 11-7/8" TJI I10 @ 24" o.c. | 17'-8 1/2" | 13 | 1US1.81/11.88 HANGER / NAIL SEE DRAWING |
| J5 | 2X8 ROUGH SAWN #2 DF @ 12" o.c. | 3'-5 13/16" | 11 | SIMPSON LU28R-18 / SIMPSON LU28R-18 |
| J6 | 2X8 ROUGH SAWN #2 DF @ 12" o.c. | 19'-5 1/8" | 4 | SIMPSON LU28R-18 / SIMPSON LU28R-18 |
| J7 | 2X12 ROUGH SAWN #2 DF @ 24" o.c. | 15'-1 13/16" | 23 | 3-8D TOENAIL / SIMPSON U210R |
| J8 | 11-7/8" TJI I10 @ 24" o.c. | 36'-0" | 16 | NAIL SEE DRAWING / NAIL SEE DRAWING |

| General Notes | | |
|---------------|----------------|------|
| No. | Revision/Issue | Date |
| | | |
| | | |
| | | |

Project Name and Address
GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

Sheet Title
CEILING FRAMING PLAN

Drawn By
ADAM GOLDENSTEIN

Date
 3/23/2018

Scale
 1/4" = 1'-0"

Sheet
SI.03

CEILING FRAMING PLAN

1/4" = 1'-0"

BEAM SCHEDULE

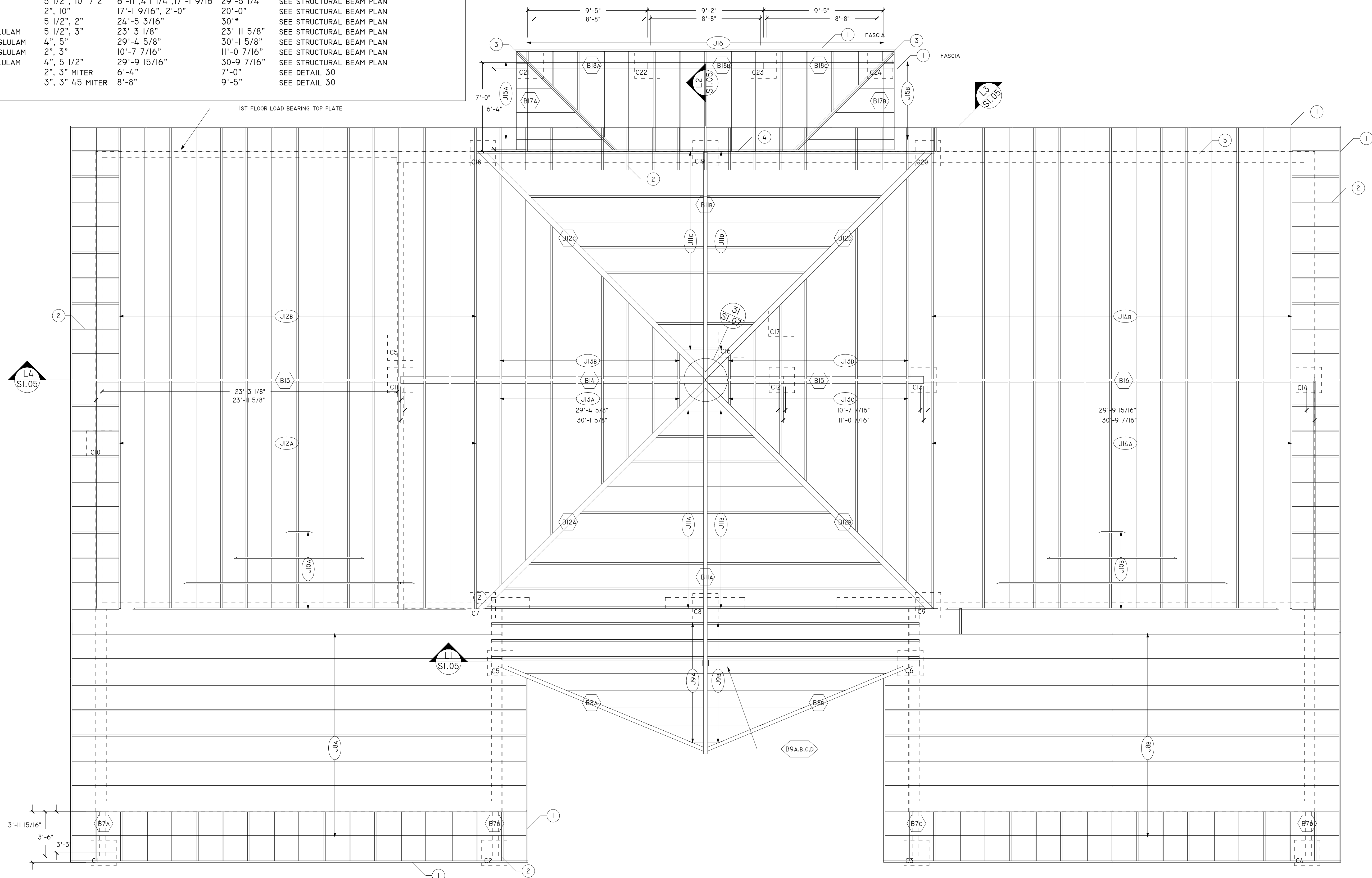
| MEMBER | BEARING | SPAN | LENGTH | ATTACHMENT |
|---------|-------------------------------|------------------|--------------------------------|--|
| B1 | 4-1 3/4" x 16" LVL | 4 1/2", 6" | 18'-0" | SEE DETAIL 29, 5-8D TOE NAIL TOP PLATE |
| B2 | 4-1 3/4" x 16" LVL | 5 1/2", 6" | 23'-4 1/8" | 5-8D TOE NAIL TOP PLATE EACH SIDE |
| B3 | 3 1/8" x 12" DF 24F-V4 GLULAM | 5 1/2", 2 1/2" | 20'-0 3/4" | 5-8D TOE NAIL TOP PLATE, HUC3.25/12 |
| B4 | 3 1/8" x 12" DF 24F-V4 GLULAM | 10", 2 1/2" | 19'-7" | 5-8D TOE NAIL TOP PLATE, HUC3.25/12 22 DEG |
| B5 | 3 1/2" x 21" DF 24F-V4 GLULAM | 5 1/2", 5 1/2" | 25' 6 1/8" | 5-8D TOE NAIL TOP PLATE, I2I2HLPC |
| B6 | 2-1 3/4" x 11 7/8" LVL | 4 1/5", 4 1/2" | 3'2 1/2" | SEE DETAIL 16 |
| B7ABCD | 6x8 ROUGH SAWN DF | 2 1/2", 5 1/2" | 5'-9 7/16" | SEE DETAIL 30 |
| B8AB | 2-1 3/4" x 11 7/8" LVL | 2", 2" | 17'-2 7/16" | 24" APPROX SEE DETAIL 19, SIMPSON U410 |
| B9A | 5 1/2" x 16" DF 24F-V4 GLULAM | 10", 10" | 32'-0 7/8" | SEE DETAIL 11 |
| B9B | 5 1/2" x 16" DF 24F-V4 GLULAM | 1' 5 9/16", 2" | 15'-3 1/8" | SEE DETAIL 11 |
| B9C | 5 1/2" x 16" DF 24F-V4 GLULAM | 1' 5 9/16", 2" | 15'-3 1/8" | SEE DETAIL 11 |
| B9D | 5 1/2" x 5 1/2" DF | 3 1/2", 3 1/2" | 10'-1 1/2" | SEE DETAIL 11 |
| B10 | OMITTED | OMITTED | OMITTED | OMITTED |
| B11A | 2-1 3/4" x 16" LVL | 5 1/2", 10" / 2" | 6'-11", 4' 1 1/4", 17'-1 9/16" | 29'-5 1/4" SEE STRUCTURAL BEAM PLAN |
| B11B | 2-1 3/4" x 16" LVL | 2", 10" | 17'-1 9/16", 2'-0" | 20'-0" SEE STRUCTURAL BEAM PLAN |
| B12ABCD | 3-1 3/4" x 16" LVL | 5 1/2", 2" | 24'-5 3/16" | 30" SEE STRUCTURAL BEAM PLAN |
| B13 | 5.5"x24" DF 24F-V4 GLULAM | 5 1/2", 3" | 23' 11 5/8" | SEE STRUCTURAL BEAM PLAN |
| B14 | 6.75"x24" DF 24F-V4 GLULAM | 4", 5" | 29'-4 5/8" | SEE STRUCTURAL BEAM PLAN |
| B15 | 6.75"x24" DF 24F-V4 GLULAM | 2", 3" | 10'-7 7/16" | SEE STRUCTURAL BEAM PLAN |
| B16 | 5.5"x24" DF 24F-V4 GLULAM | 4", 5 1/2" | 29'-9 15/16" | SEE STRUCTURAL BEAM PLAN |
| B17AB | 6x8 ROUGH SAWN DF | 2", 3" MITER | 7'-0" | SEE DETAIL 30 |
| B18 | 6x8 ROUGH SAWN DF | 3", 3" 45 MITER | 8'-8" | SEE DETAIL 30 |

JOIST SCHEDULE

| MEMBER | LENGTH | QUANTITY | ATTACHMENT |
|------------|----------------------------------|-----------------------|--|
| J8A,B | PRE-FAB SCISSOR TRUSS @ 24" o.c. | 32' / 35' 9" OVERALL | 9*2 MTS12, 3-8D TOENAIL OR PER ENG PLANS |
| J9A,B | 9.5" TJI 110 @ 24" o.c. | VARIOUS | 8*2 SEE DETAIL 13 |
| J10A,B | 2X LUMBER VALLEY SET @ 24" o.c. | VARIOUS | 4*2 3-8D TOENAIL |
| J11A,B,C,D | 16" TJI 110 @ 16" o.c. | VARIOUS | 14*4 LSSUI25 / LSSUI25 |
| J12A,B | 16" TJI 110 @ 24" o.c. | 18' 0" ADD 8:12 SLOPE | 15*2 IUS1.81/16 / 1-8D EACH SIDE TOP PLATE |
| J13A,B,C,D | 16" TJI 110 @ 24" o.c. | VARIOUS | 8*4 LSSUI25 / LSSUI25 |
| J14A,B,C,D | 16" TJI 110 @ 24" o.c. | 18' 0" ADD 8:12 SLOPE | 15*2 IUS1.81/16 / 1-8D EACH SIDE TOP PLATE |
| J15A,B | 2x6 #2 DF @ 24" o.c. | VARIOUS | 4*2 SIMPSON RR / HIZ / LSU26Z |
| J16 | 2x6 #2 DF @ 24" o.c. | VARIOUS | 15 SIMPSON RR / HIZ / LSU26Z |

ROOF FRAMING KEYNOTES

- 2X6 FASCIA
- 2X4 OUTRIGGERS PER DETAIL 15
- DECK ROOF 2X6 (DOUBLED) HIP JOIST
- 2X6 NAILER FOR PORCH ATTACHMENT
- BLOCKING PER DETAIL 17



General Notes

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |
| | | |
| | | |

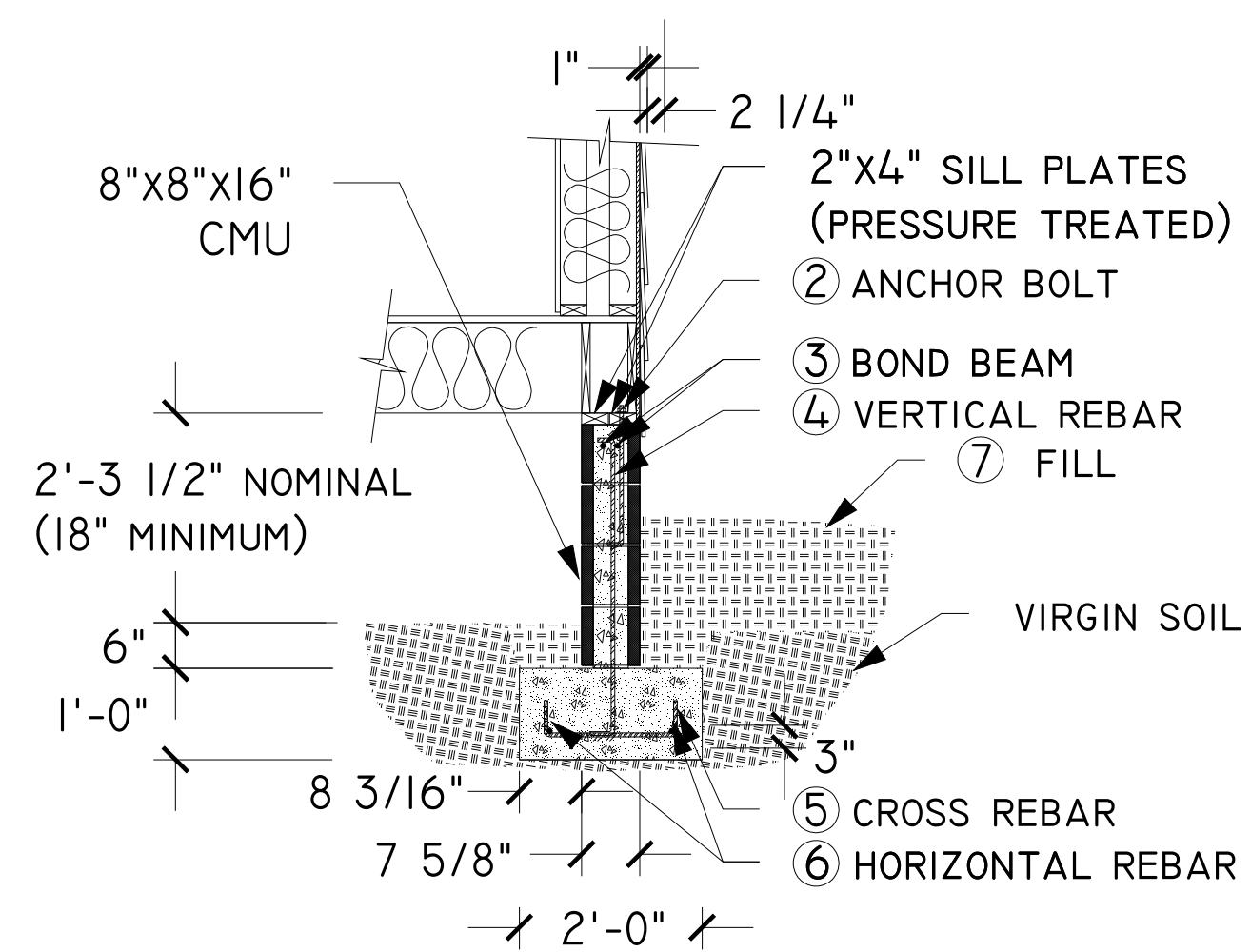
ROOF FRAMING PLAN

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

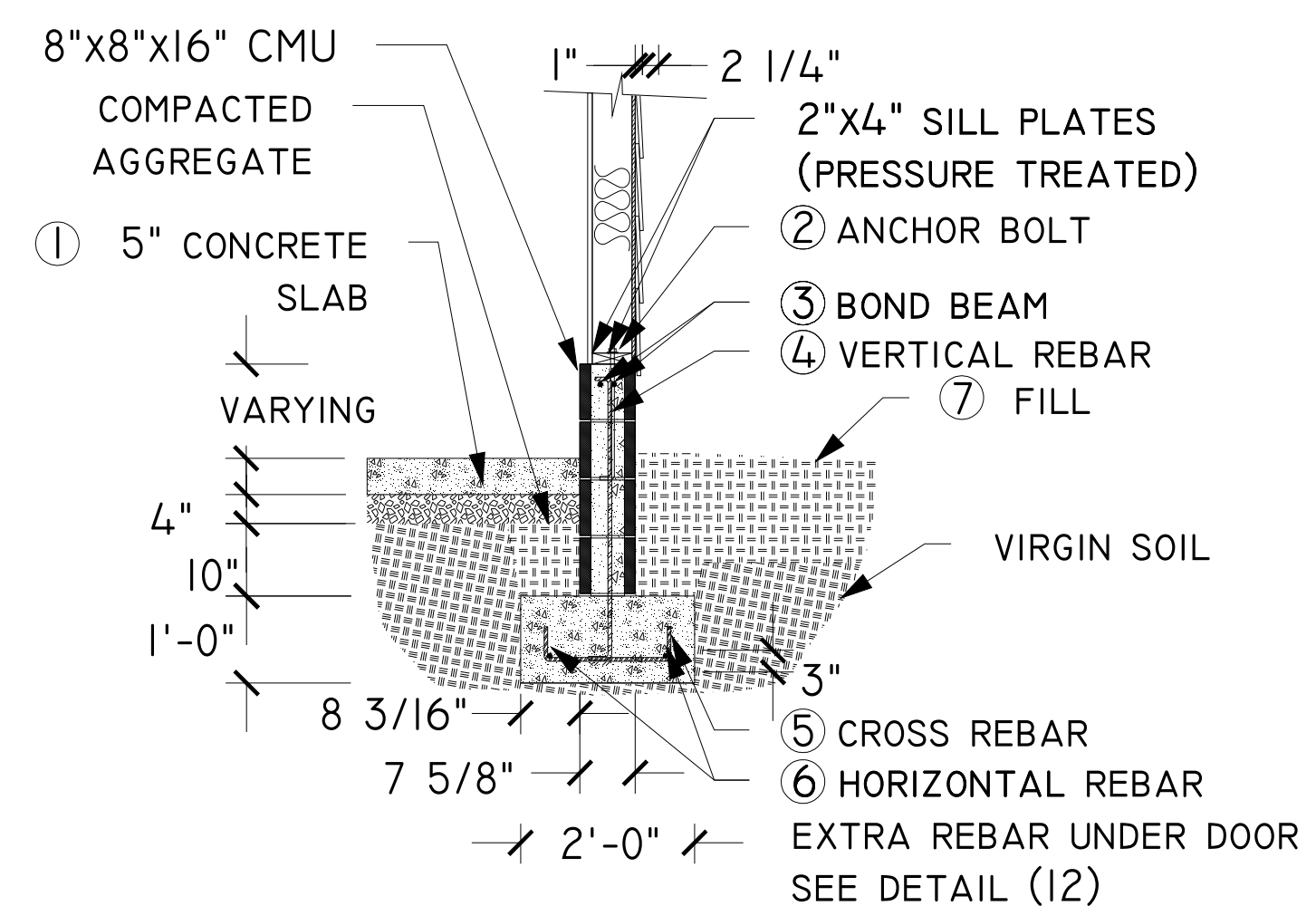
| | |
|---|-----------------------|
| Drawn By ADAM GOLDENSTEIN Date 3/23/2018 Scale 1/4" = 1'-0" | Sheet SI.04 |
|---|-----------------------|

ROOF FRAMING PLAN

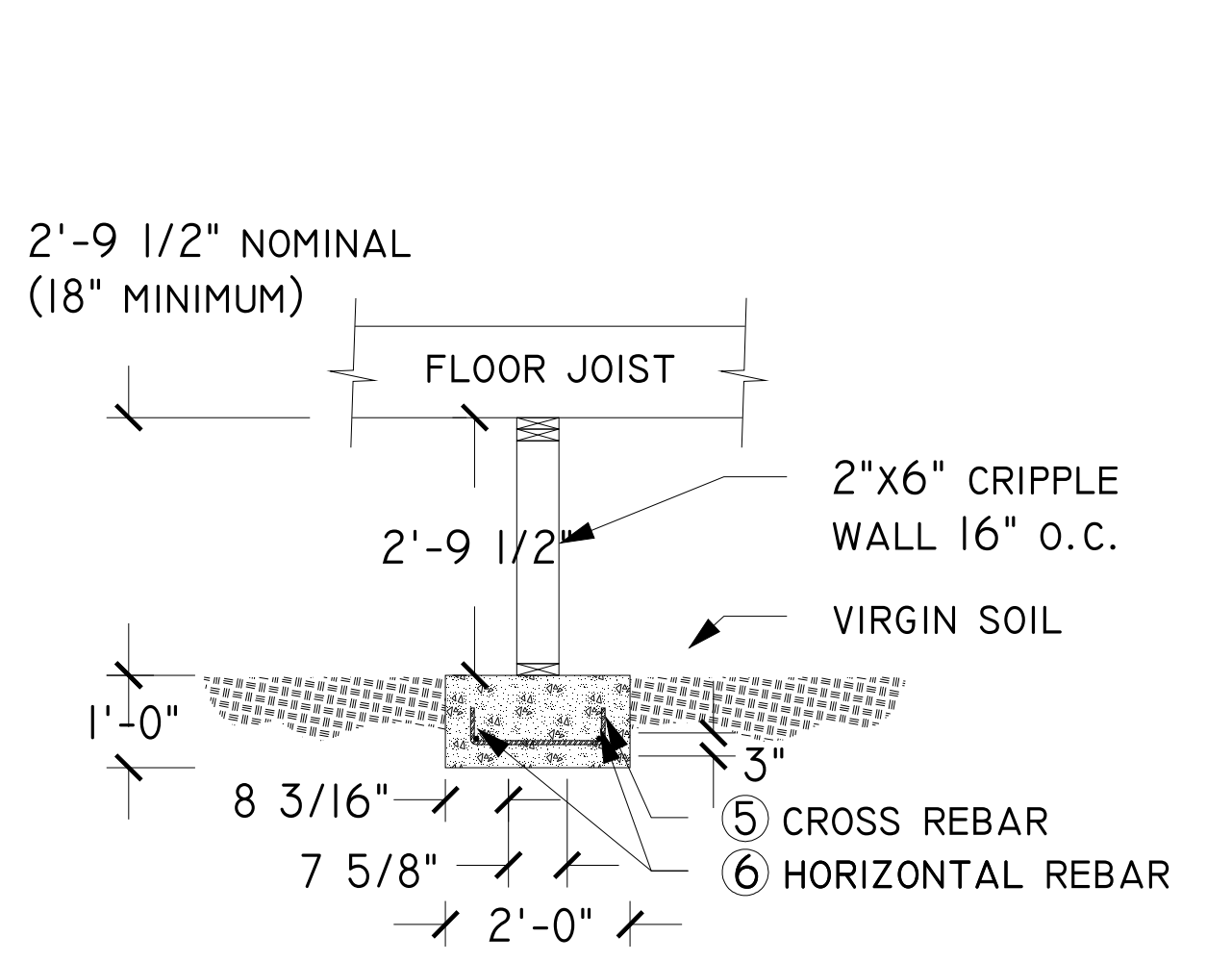
1/4" = 1'-0"



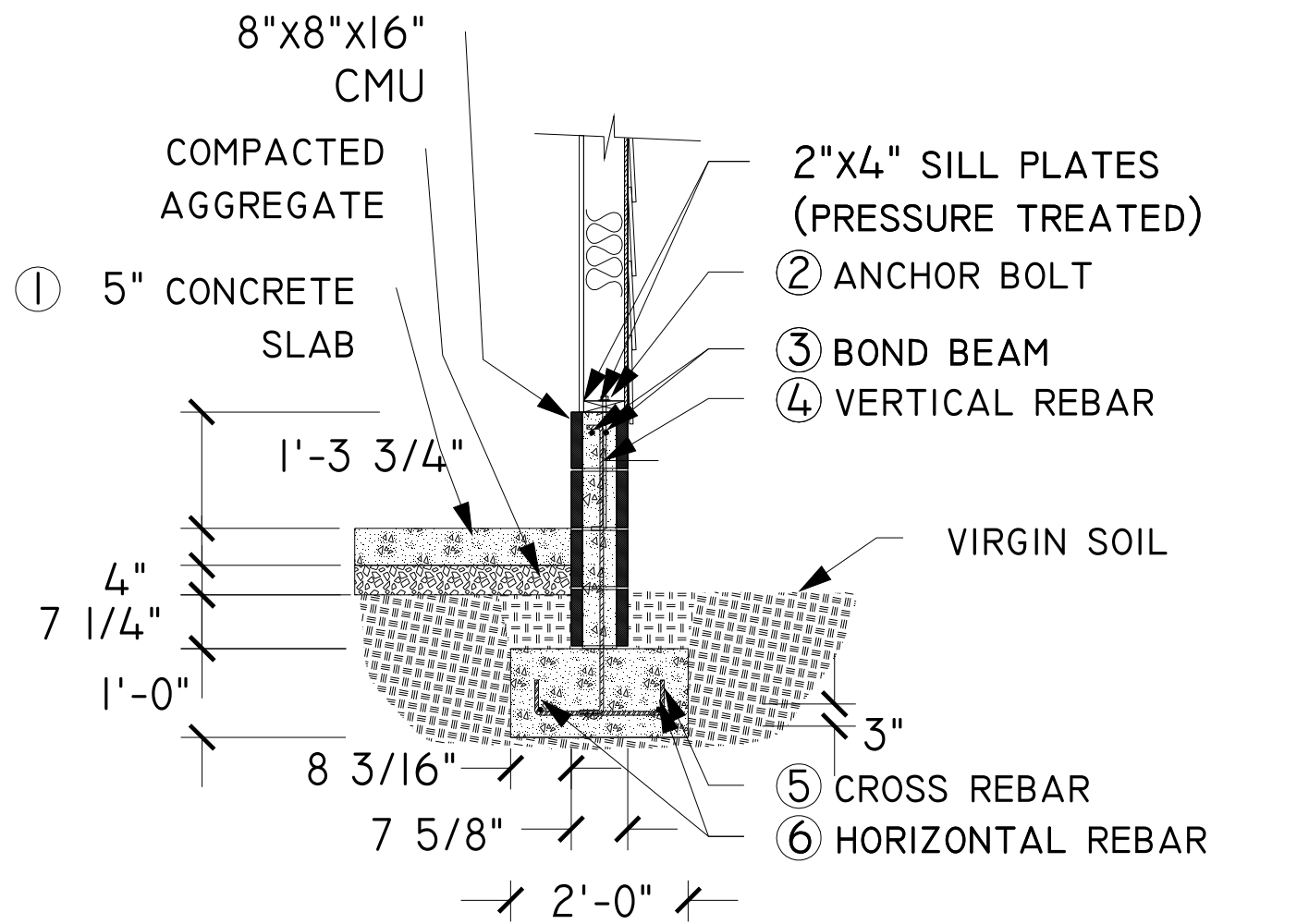
1 TYPICAL FOOTER AND STEM WALL SECTION
1/2" = 1'-0"



2 GARAGE FOOTER AND STEM WALL SECTION
1/2" = 1'-0"

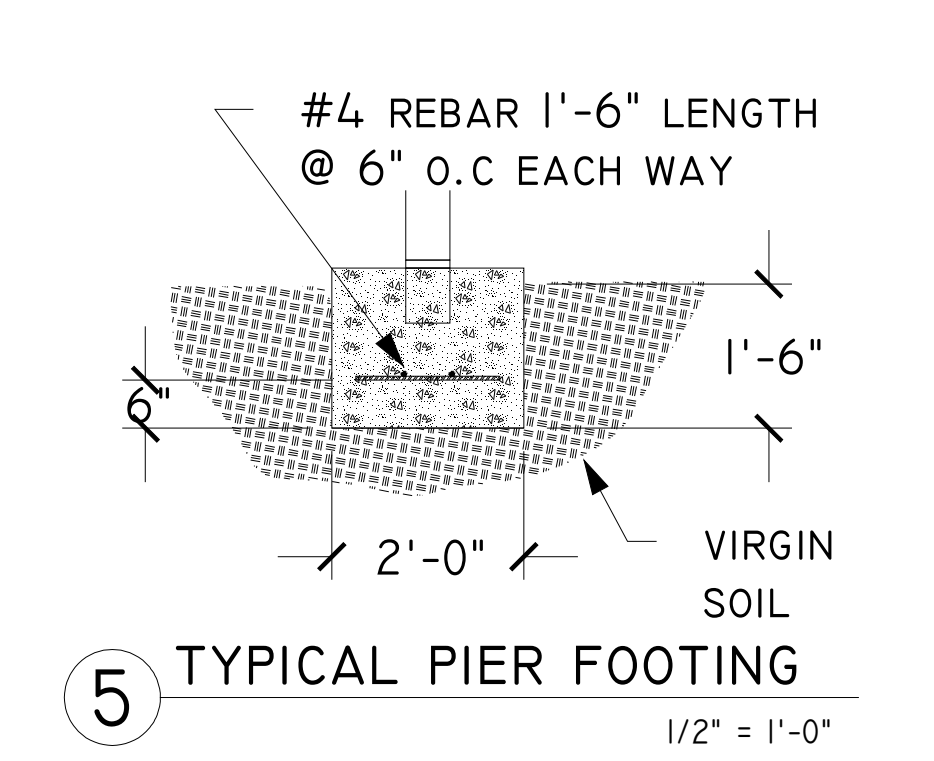


3 CRAWLSPACE FOOTER AND WALL SECTION
1/2" = 1'-0"

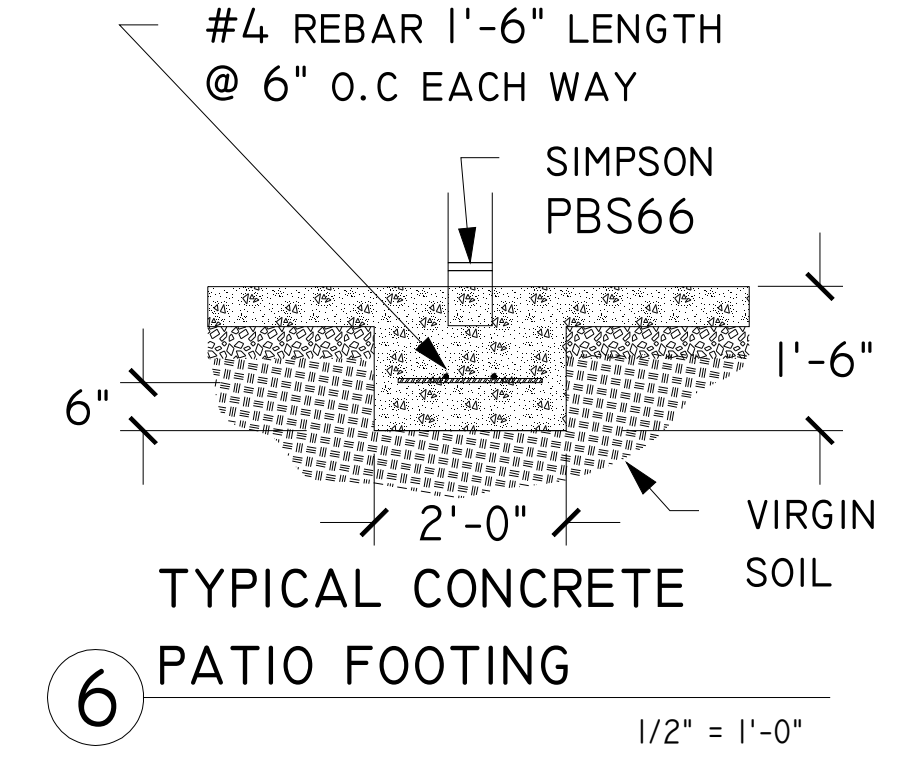


4 GARAGE FOOTER AND STEM WALL SECTION
1/2" = 1'-0"

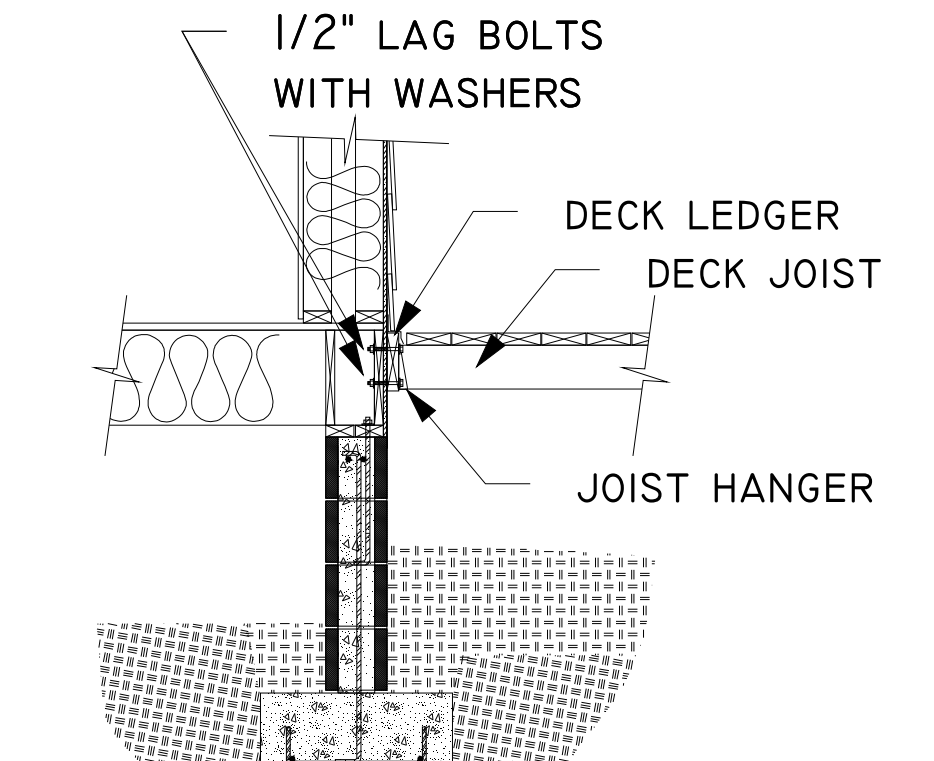
- ### DETAIL KEYNOTES
- CONCRETE SLAB 5" THICK WITH #4 REBAR @ 24" O.C EACH WAY OVER 4" COMPACTED AGGREGATE BASE.
 - SIL PLATE ANCHOR BOLTS SHALL BE MINIMUM OF 1/2" DIAMETER AND EXTEND AT LEAST 7" INTO GROUTED CELLS OF CMUS. THERE SHALL BE A MINIMUM OF TWO BOLTS PER PLATE SECTION WITH ONE BOLT NOT LOCATED MORE THAN 12" FROM EACH END OF THE PLATE SECTION
 - THERE SHALL BE AT LEAST ONE 5/8" DIAMETER ANCHOR BOLT PER EACH LOAD BEARING COLUMN AND THE BOLT SHALL EXTEND AT LEAST 20-5/8" INTO GROUTED CMUS.
 - BOND BEAM - (2) #4 REBAR CONTINUOUS WITHIN 12" FROM TOP OF STEM WALL
 - VERTICAL REBAR - #4 REBAR 4' O.C. SHALL EXTEND BETWEEN 3" AND 4" FROM BOTTOM OF FOOTING AND HAVE A STANDARD HOOK EXTEND A MINIMUM OF 14" INTO THE STEM WALL
 - HORIZONTAL REBAR - (2) #4 REBAR CONTINUOUS MINIMUM 3" FROM BOTTOM OF FOOTING
 - CROSS REBAR - #4 REBAR 2' O.C. IN LINE WITH VERTICAL REBAR
 - PAD AREA GRADED TO SLOPED AWAY FROM BUILDING AT A MINIMUM OF 6" VERTICAL IN THE FIRST 10' AS MEASURED PERPENDICULAR FROM STEM WALL.



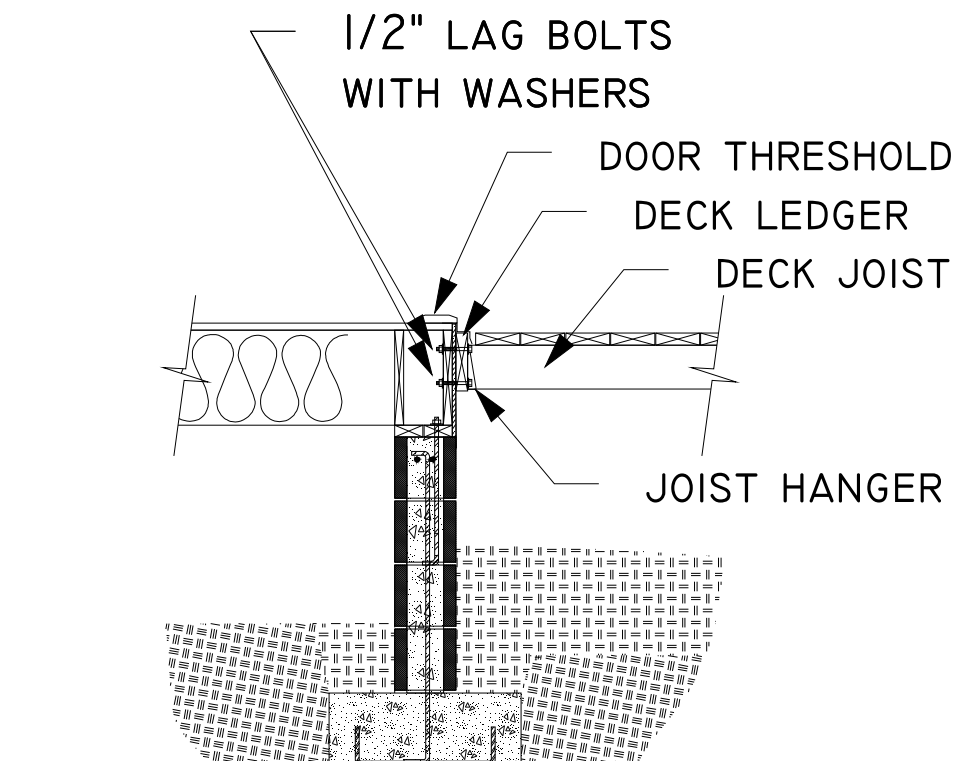
5 TYPICAL PIER FOOTING
1/2" = 1'-0"



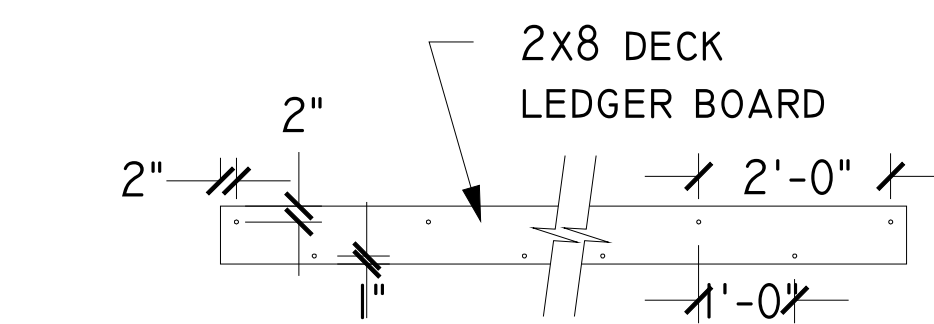
6 TYPICAL CONCRETE PATIO FOOTING
1/2" = 1'-0"



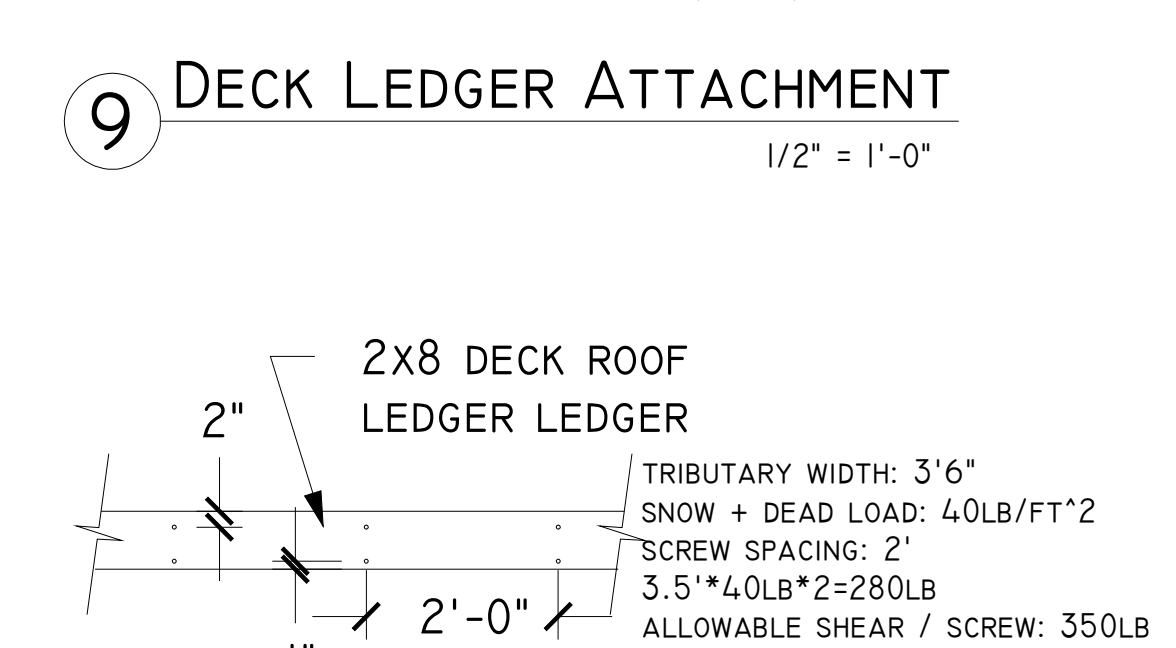
7 DECK ATTACHMENT AT WALL
1/2" = 1'-0"



8 DECK ATTACHMENT AT DOOR
1/2" = 1'-0"



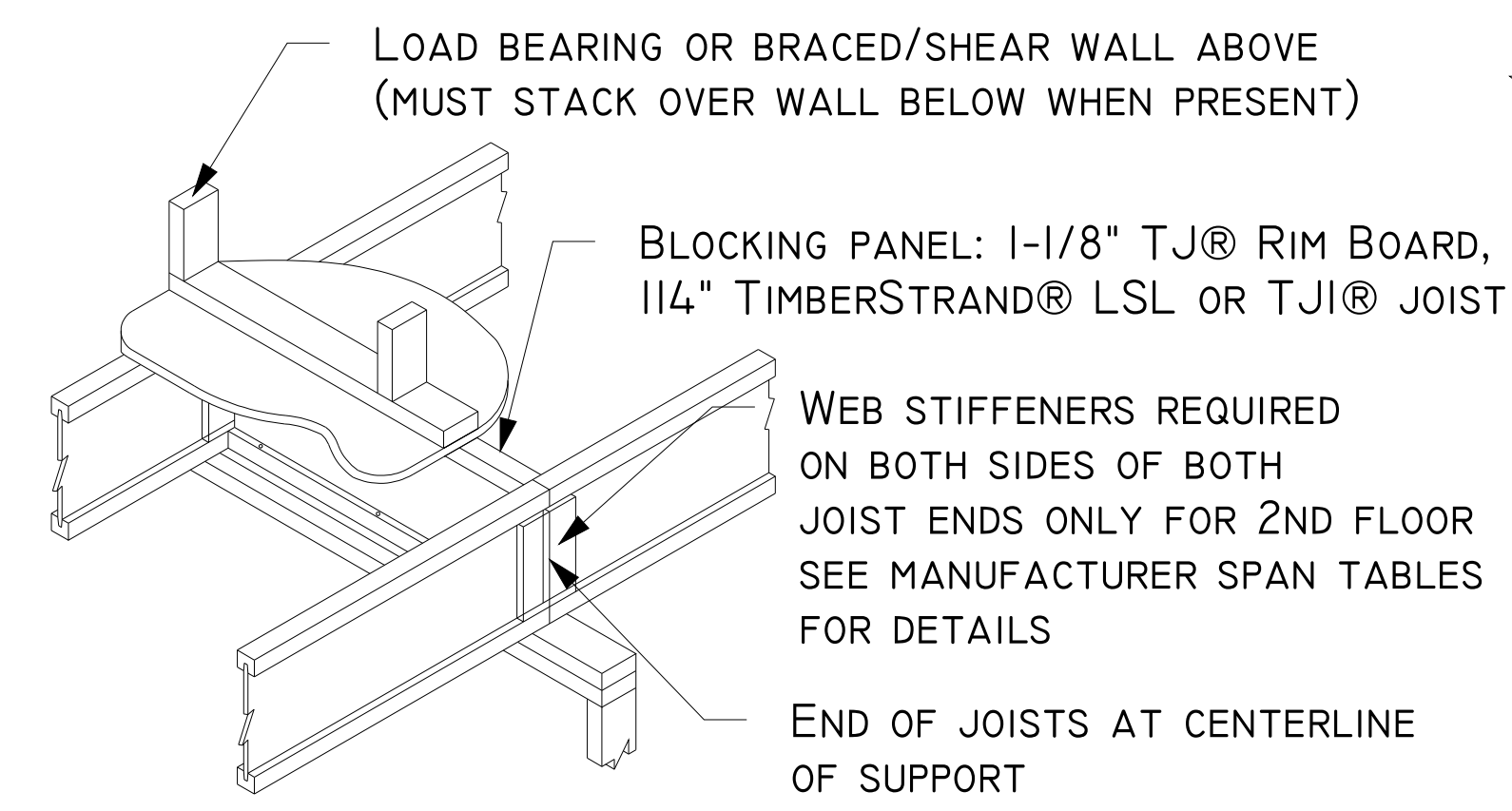
9 DECK LEDGER ATTACHMENT
1/2" = 1'-0"



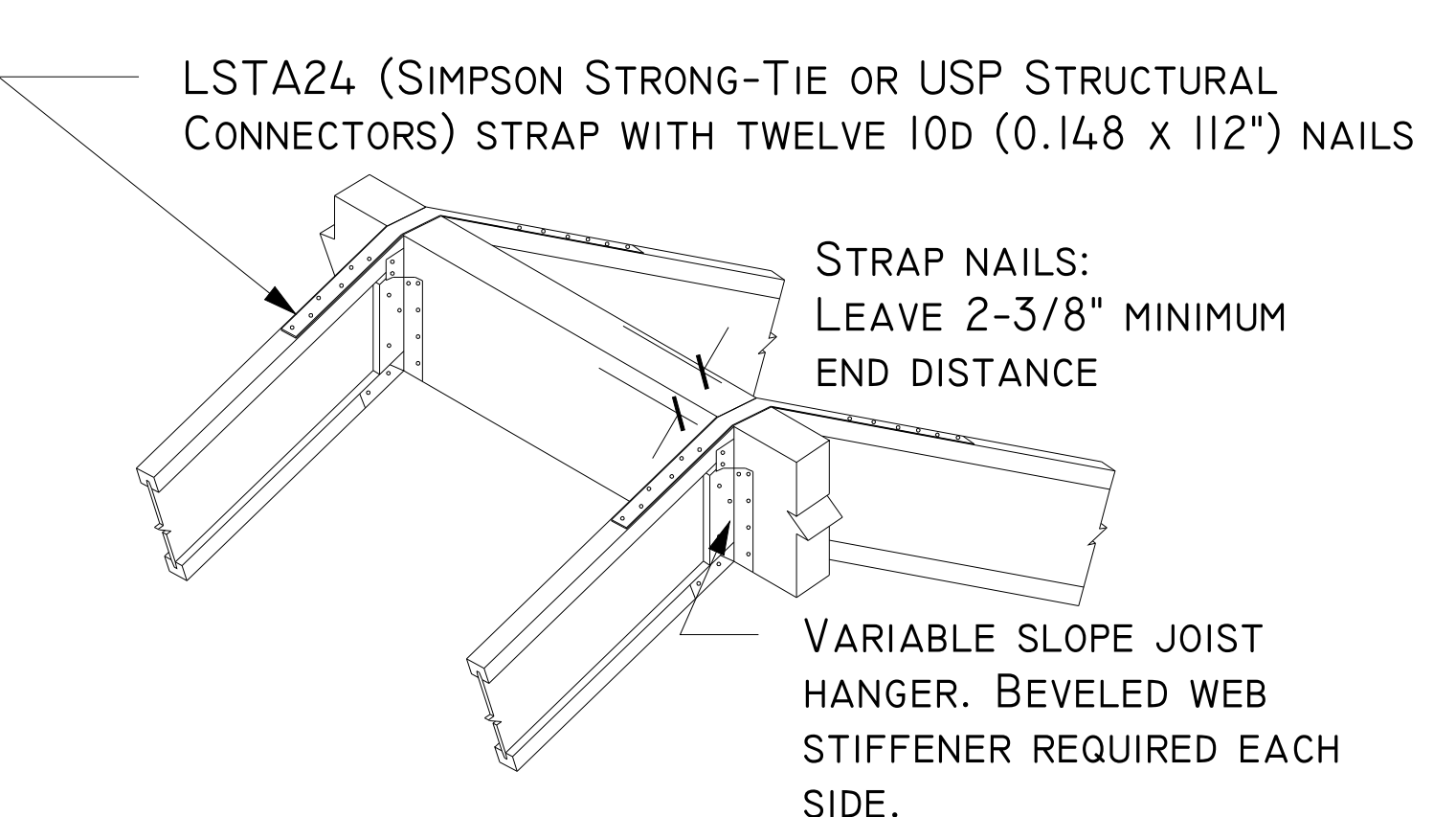
10 DECK ROOF ATTACHMENT AT WALL
1/2" = 1'-0"



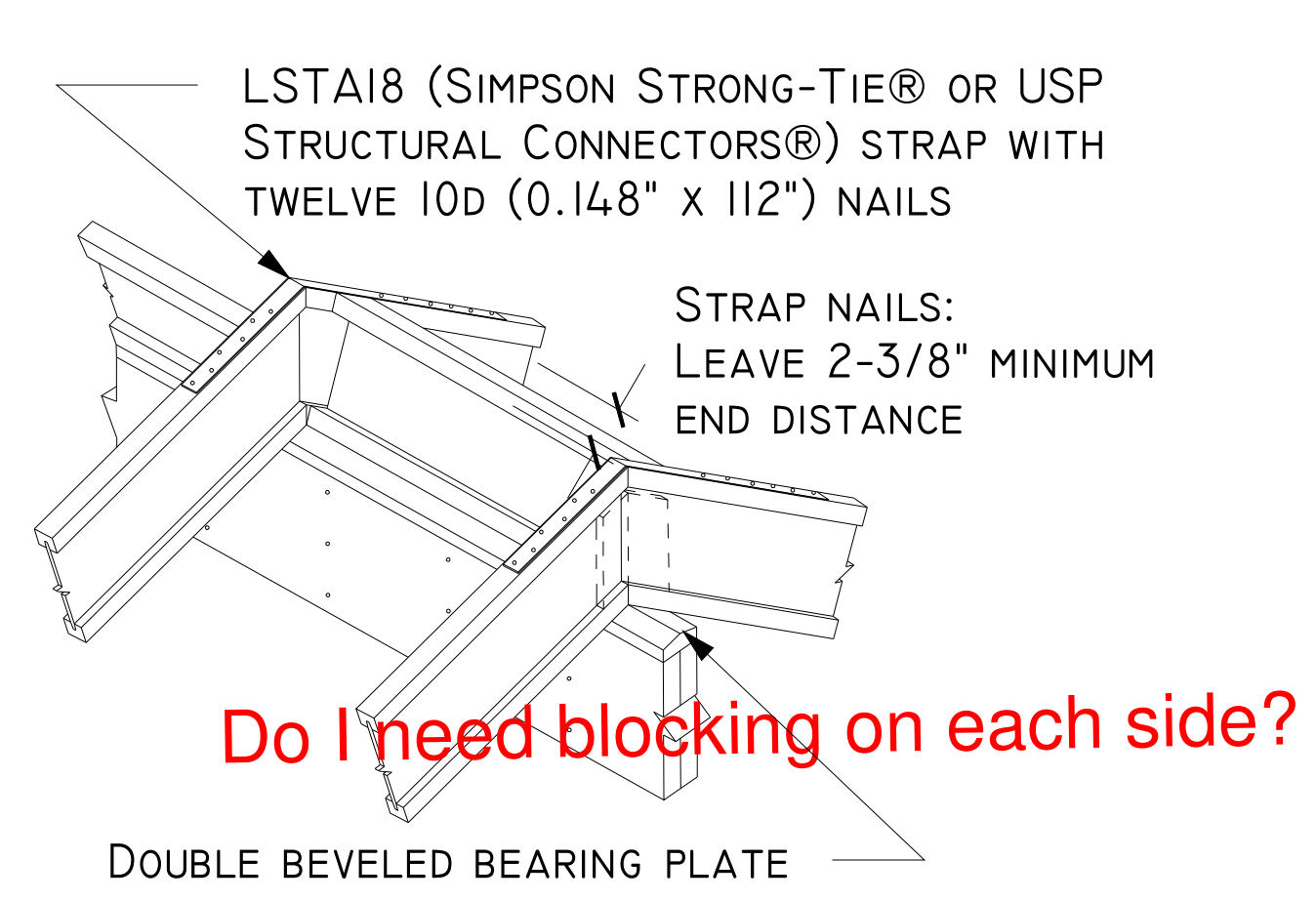
11 DECK ROOF LEDGER ATTACHMENT
1/2" = 1'-0"



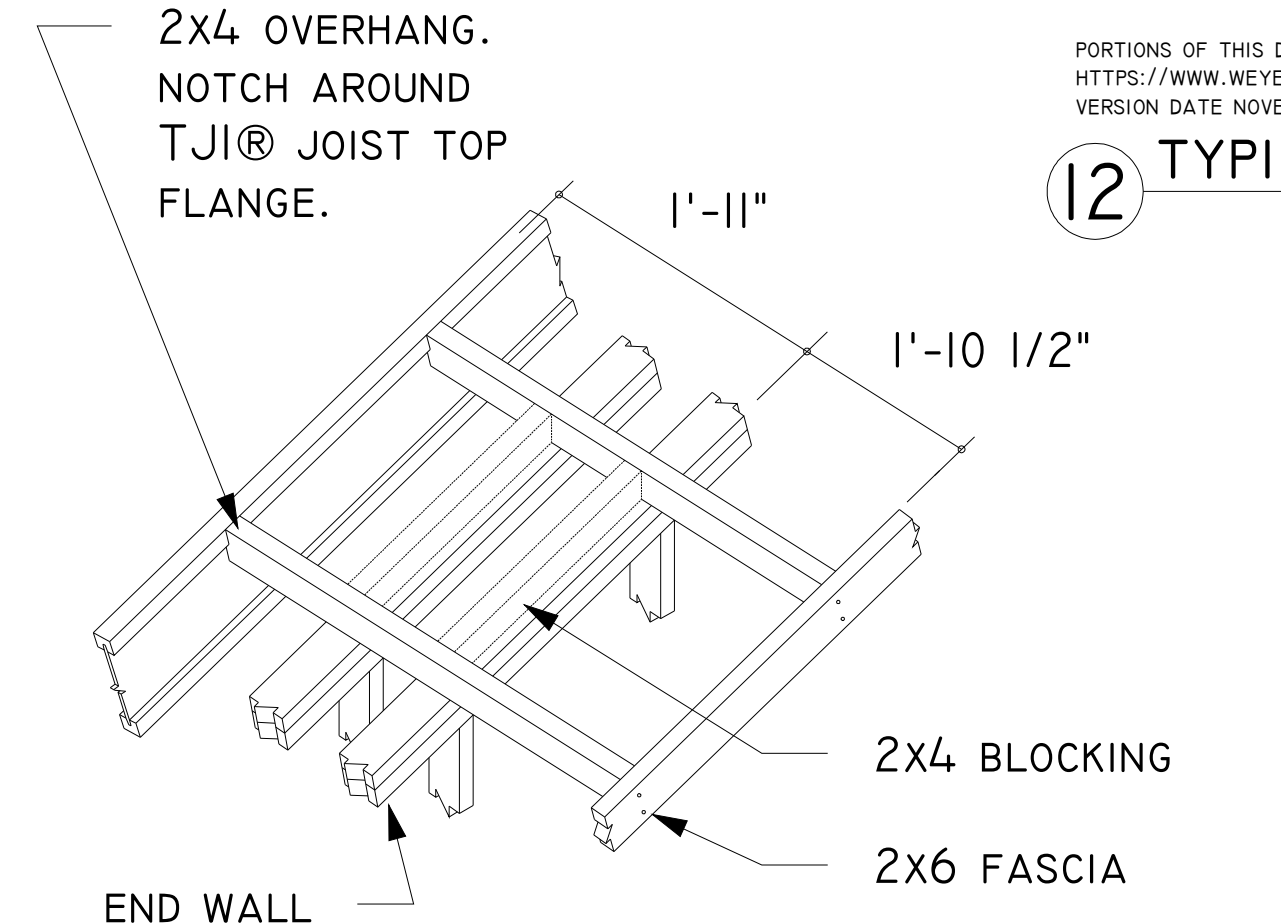
12 TYPICAL FLOOR JOIST OVER BEARING WALL
1/2" = 1'-0"



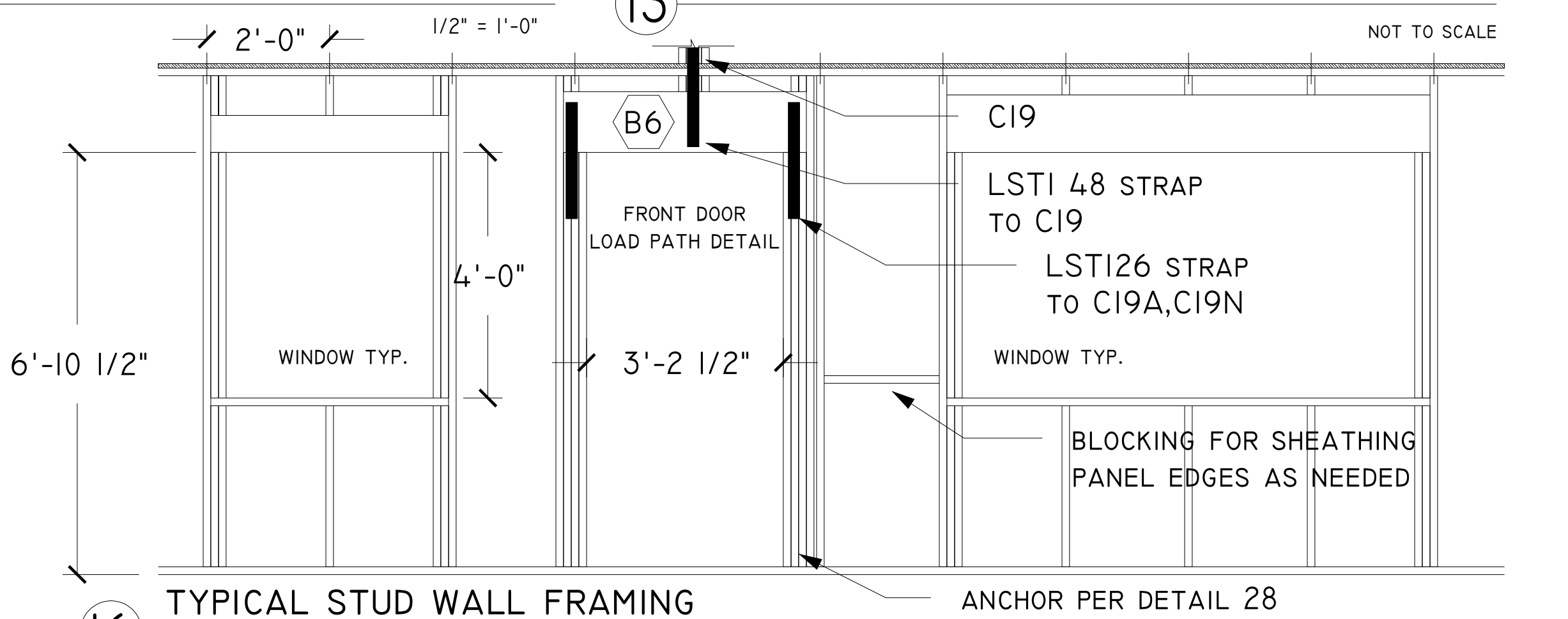
13 FACEMOUNT RIDGEBEAM ROOF TRUSS DETAIL
NOT TO SCALE



14 TOP MOUNT DROP RIDGE BEAM / TJI DETAIL
NOT TO SCALE



15 OUTRIGGER DETAIL
NOT TO SCALE



16 TYPICAL STUD WALL FRAMING
1/2" = 1'-0"

| General Notes | | |
|---------------|----------------|------|
| No. | Revision/Issue | Date |

STRUCTURAL DETAIL VIEWS

GOLDENSTEIN RESIDENCE
10685 E ROCKY HILL RD
DEWEY, AZ 86327

| | |
|------------------------------|----------------|
| Drawn By ADAM GOLDENSTEIN | Sheet S5.01 |
| Date 3/23/2018 | |
| Scale 1/4" = 1'-0" | |

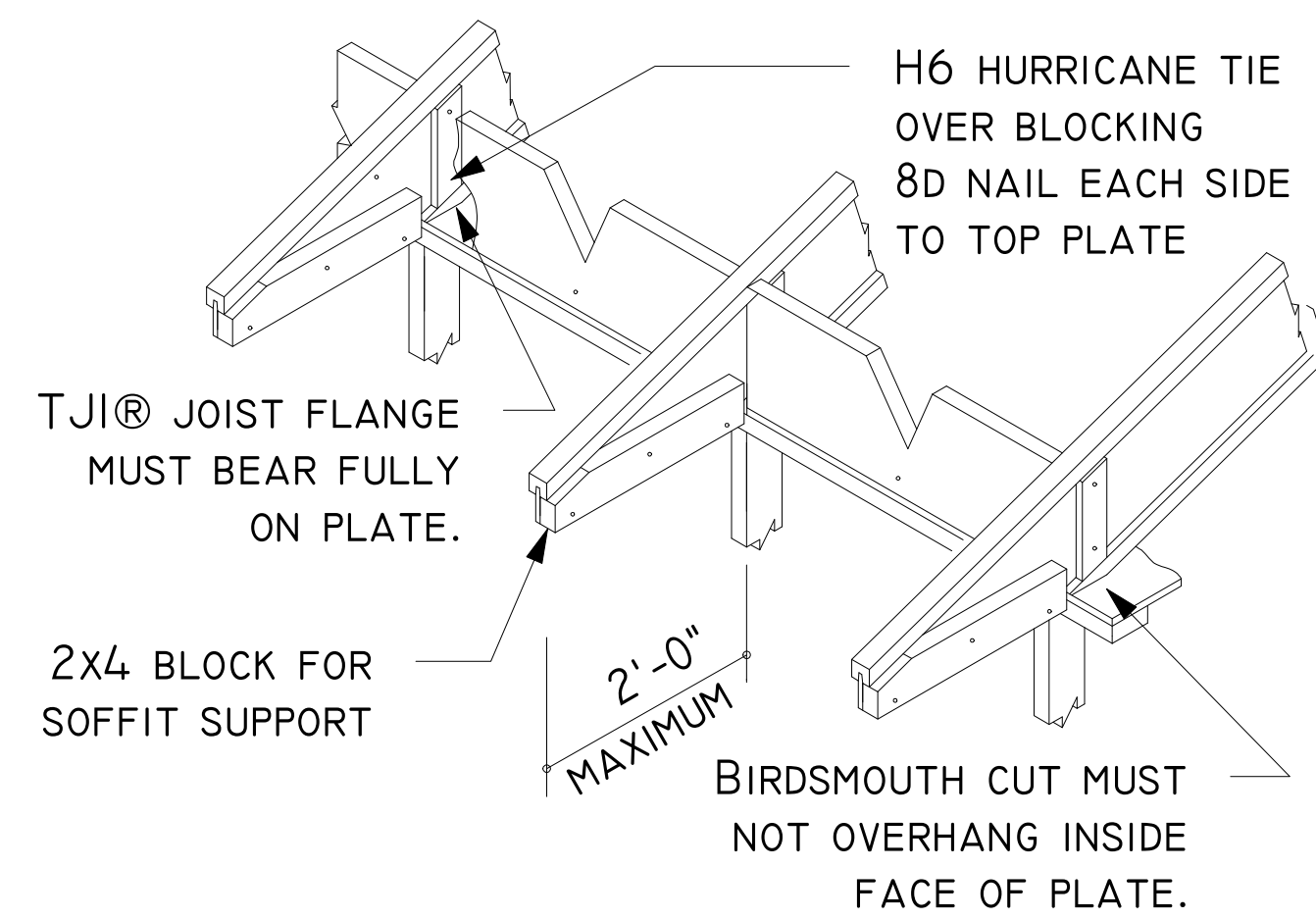
PORTIONS OF THIS DRAWING REPRODUCED FROM WEYERHAEUSER RETRIEVED FROM WEYERHAEUSER ON 1/29/18 FROM [HTTPS://WWW.WEYERHAEUSER.COM/WOODPRODUCTS/DOCUMENT-LIBRARY/DOCUMENT_LIBRARY_DETAIL/CAD-ID-ES/](https://www.weyerhaeuser.com/woodproducts/document-library/document_library_detail/cad-id-es/) VERSION DATE NOVEMBER 2013

PORTIONS OF THIS DRAWING REPRODUCED FROM WEYERHAEUSER RETRIEVED FROM WEYERHAEUSER ON 1/29/18 FROM [HTTPS://WWW.WEYERHAEUSER.COM/WOODPRODUCTS/DOCUMENT-LIBRARY/DOCUMENT_LIBRARY_DETAIL/CAD-ID-ES/](https://www.weyerhaeuser.com/woodproducts/document-library/document_library_detail/cad-id-es/) VERSION DATE NOVEMBER 2013

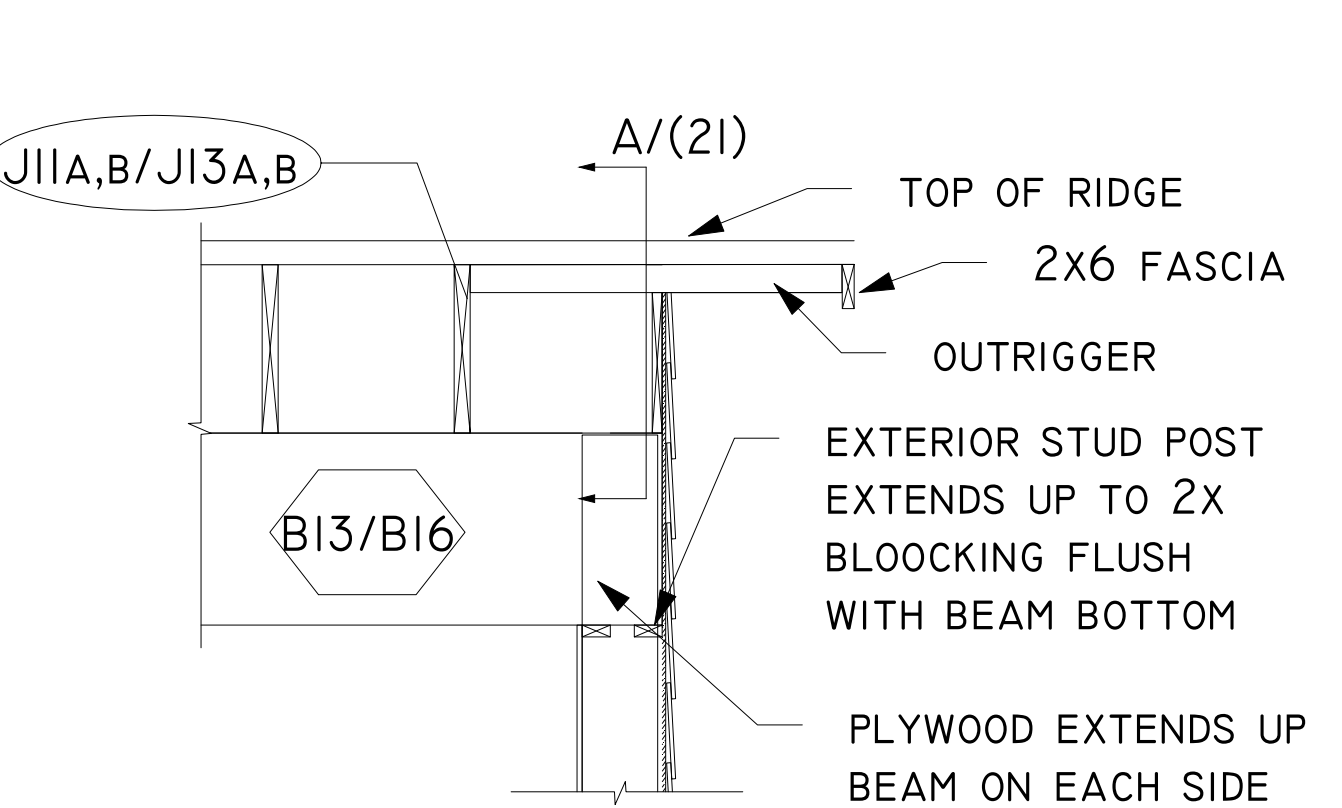
PORTIONS OF THIS DRAWING REPRODUCED FROM WEYERHAEUSER RETRIEVED FROM WEYERHAEUSER ON 1/29/18 FROM [HTTPS://WWW.WEYERHAEUSER.COM/WOODPRODUCTS/DOCUMENT-LIBRARY/DOCUMENT_LIBRARY_DETAIL/CAD-ID-ES/](https://www.weyerhaeuser.com/woodproducts/document-library/document_library_detail/cad-id-es/) VERSION DATE NOVEMBER 2013

PORTIONS OF THIS DRAWING REPRODUCED FROM WEYERHAEUSER RETRIEVED FROM WEYERHAEUSER ON 1/29/18 FROM [HTTPS://WWW.WEYERHAEUSER.COM/WOODPRODUCTS/DOCUMENT-LIBRARY/DOCUMENT_LIBRARY_DETAIL/CAD-ID-ES/](https://www.weyerhaeuser.com/woodproducts/document-library/document_library_detail/cad-id-es/) VERSION DATE NOVEMBER 2013

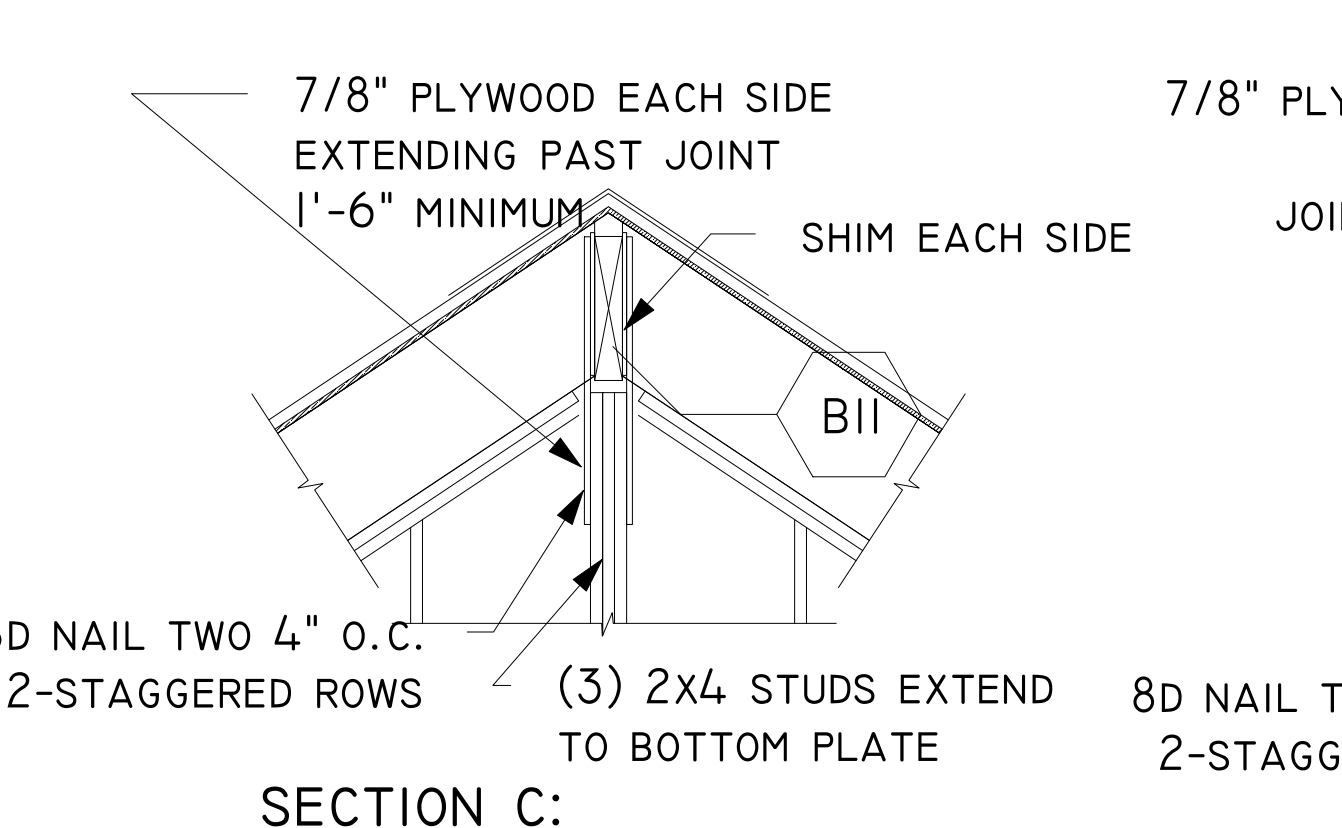
Do I need blocking on each side?



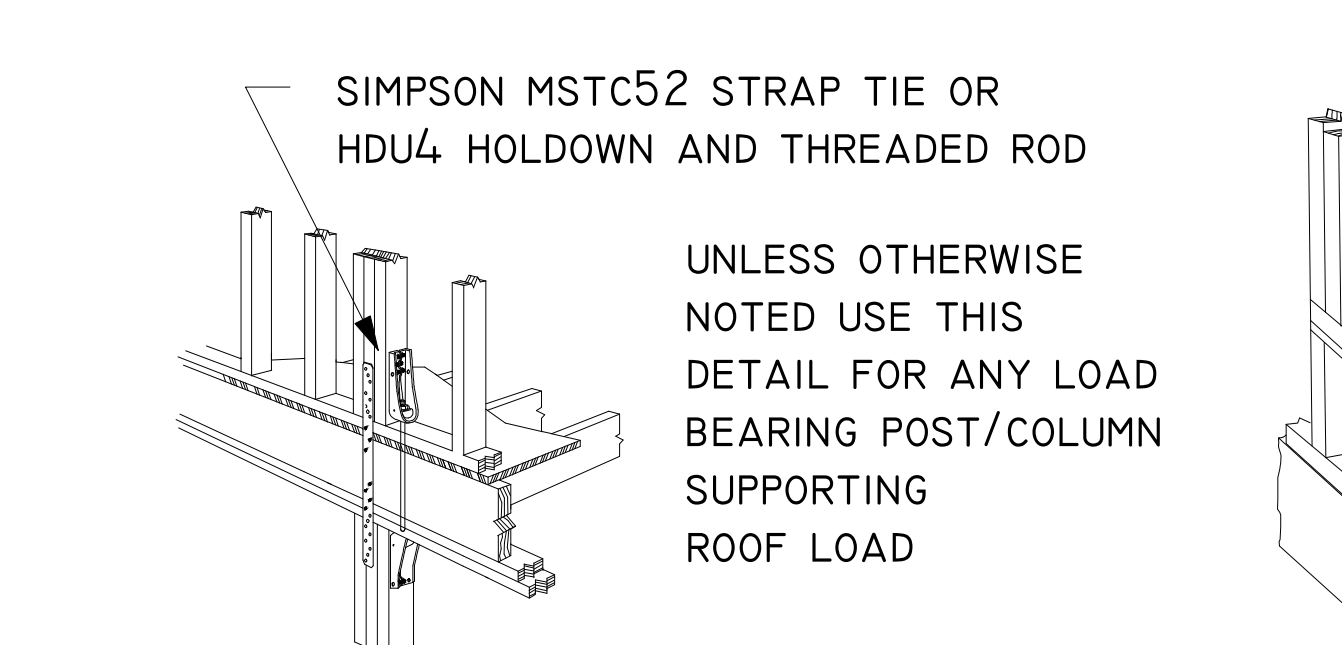
17 TYPICAL TJI END BEARING DETAIL
NOT TO SCALE



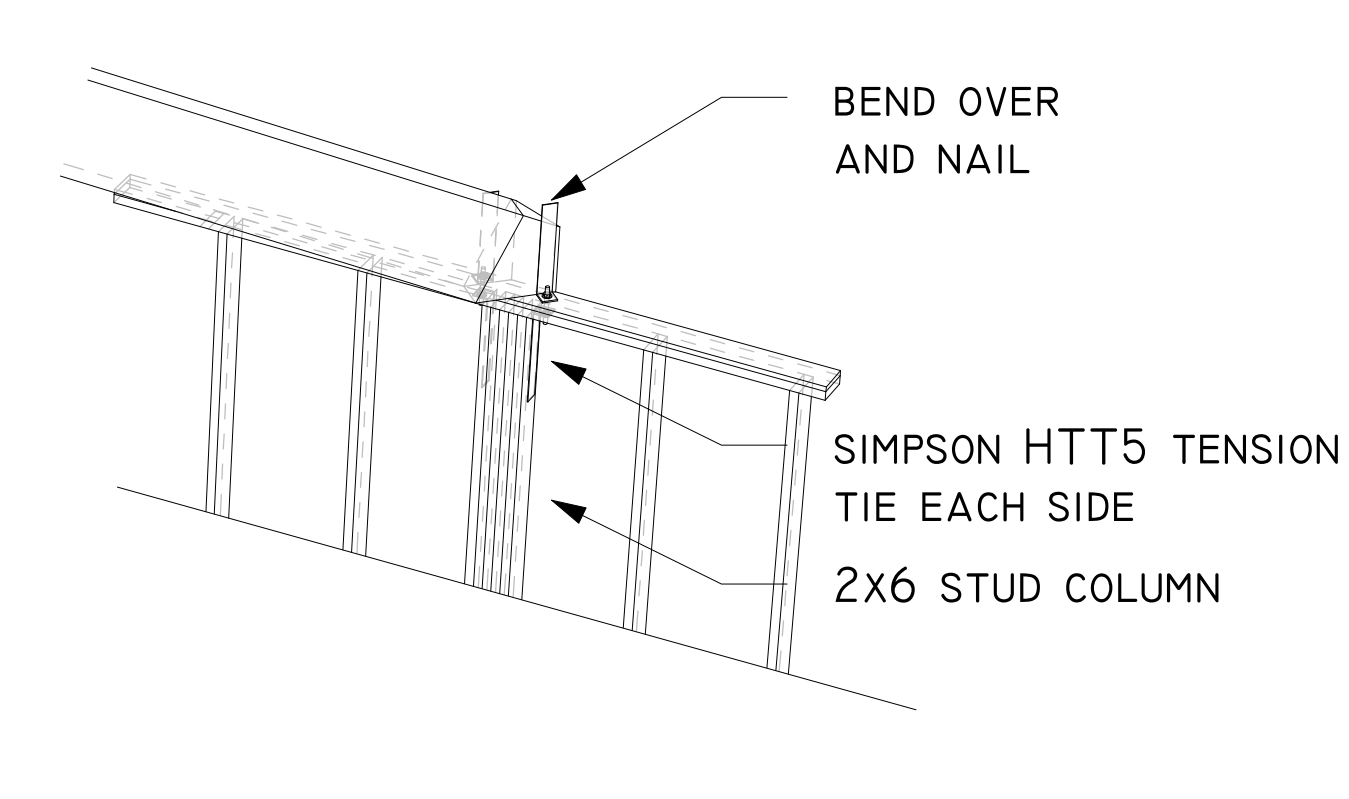
21 DROP BEAM AT EXTERIOR WALL
1/2" = 1'-0"



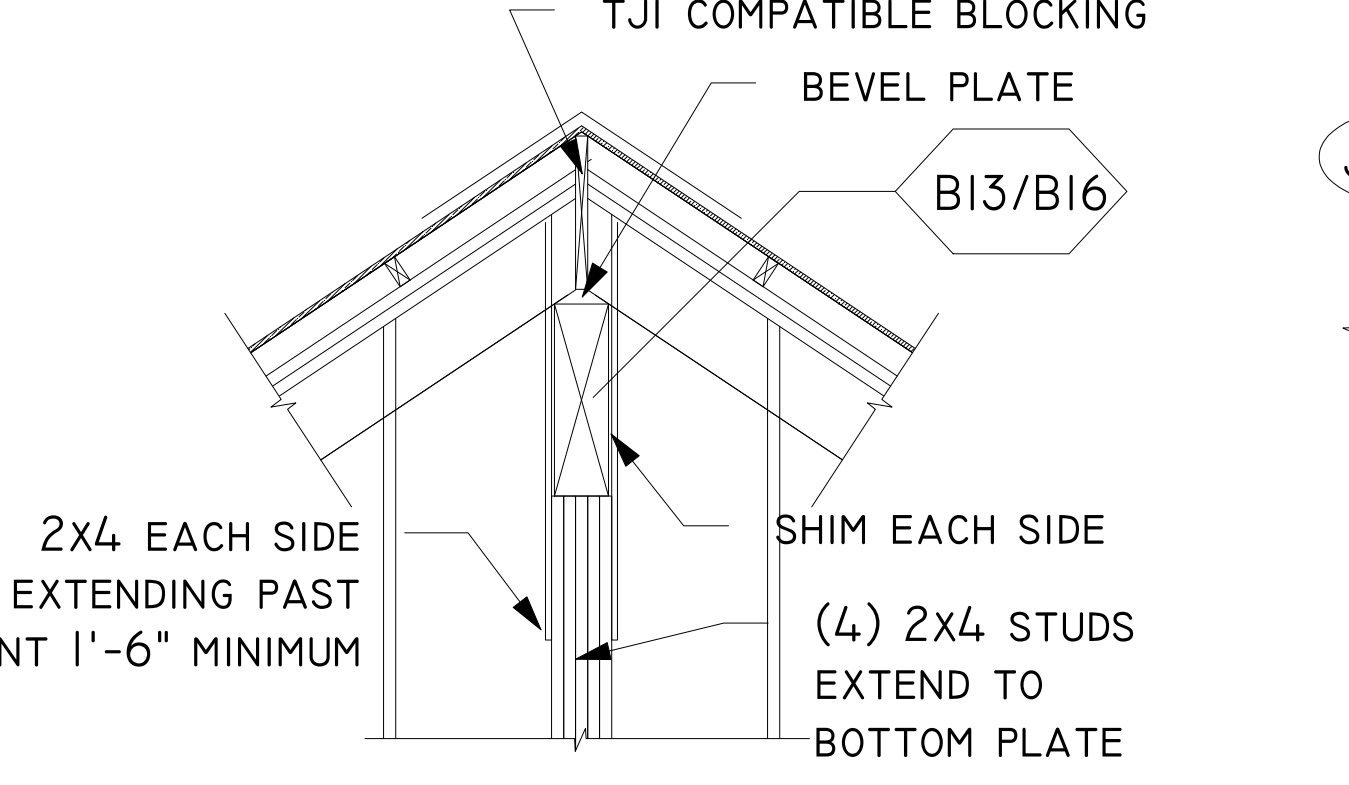
25 RIDGE BEAM / INTERIOR WALL
1/2" = 1'-0"



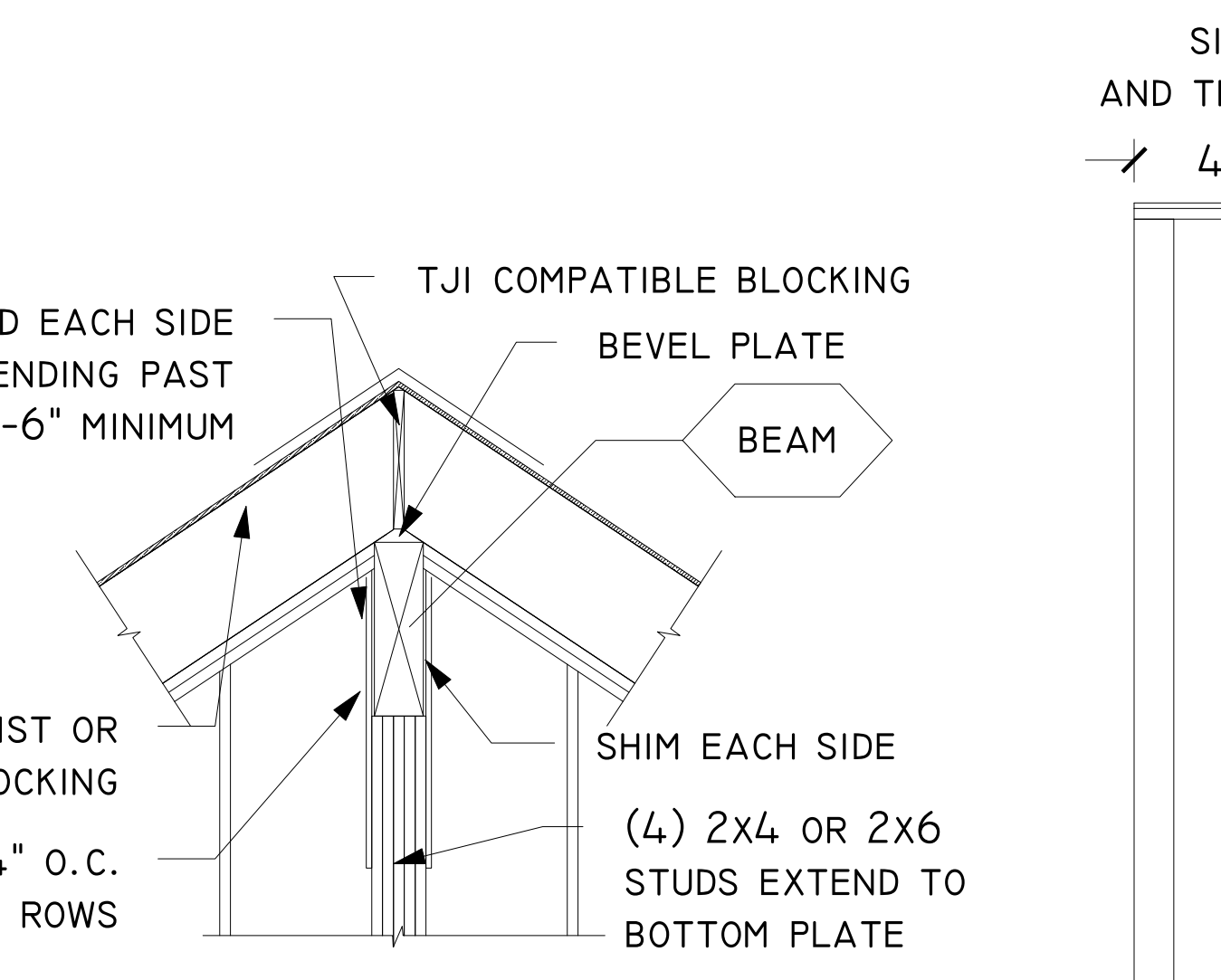
27 TYPICAL COLUMN BETWEEN FLOOR
1/2" = 1'-0"



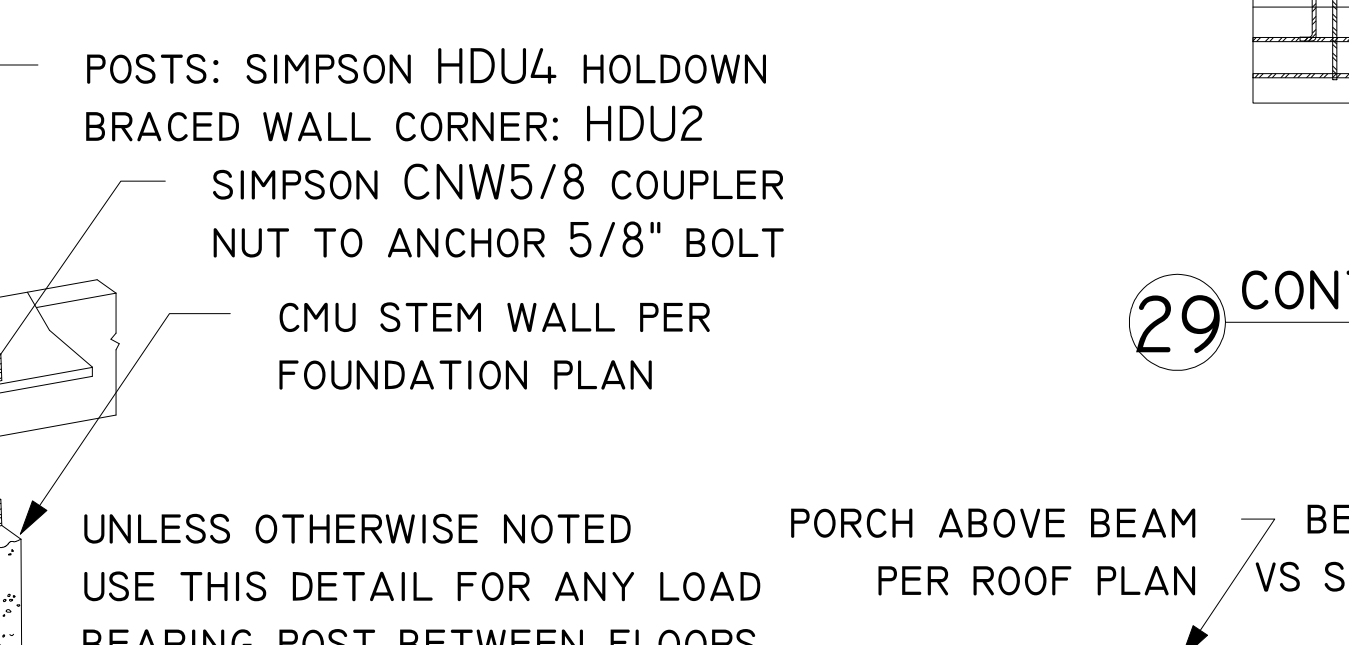
18 TYPICAL VALLEY BEAM CONNECTION
1/2" = 1'-0"



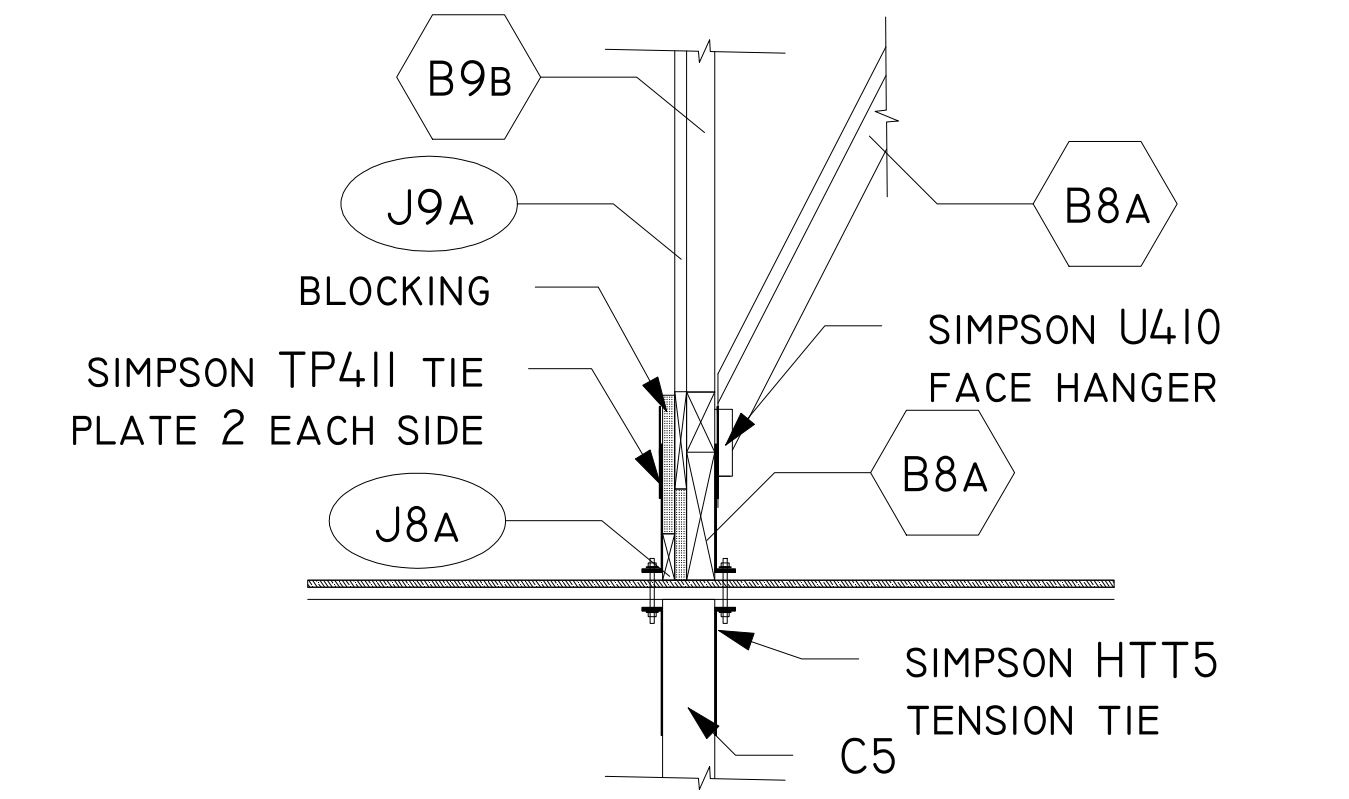
22 SECTION A: DROP BEAM AT EXTERIOR WALL
1/2" = 1'-0"



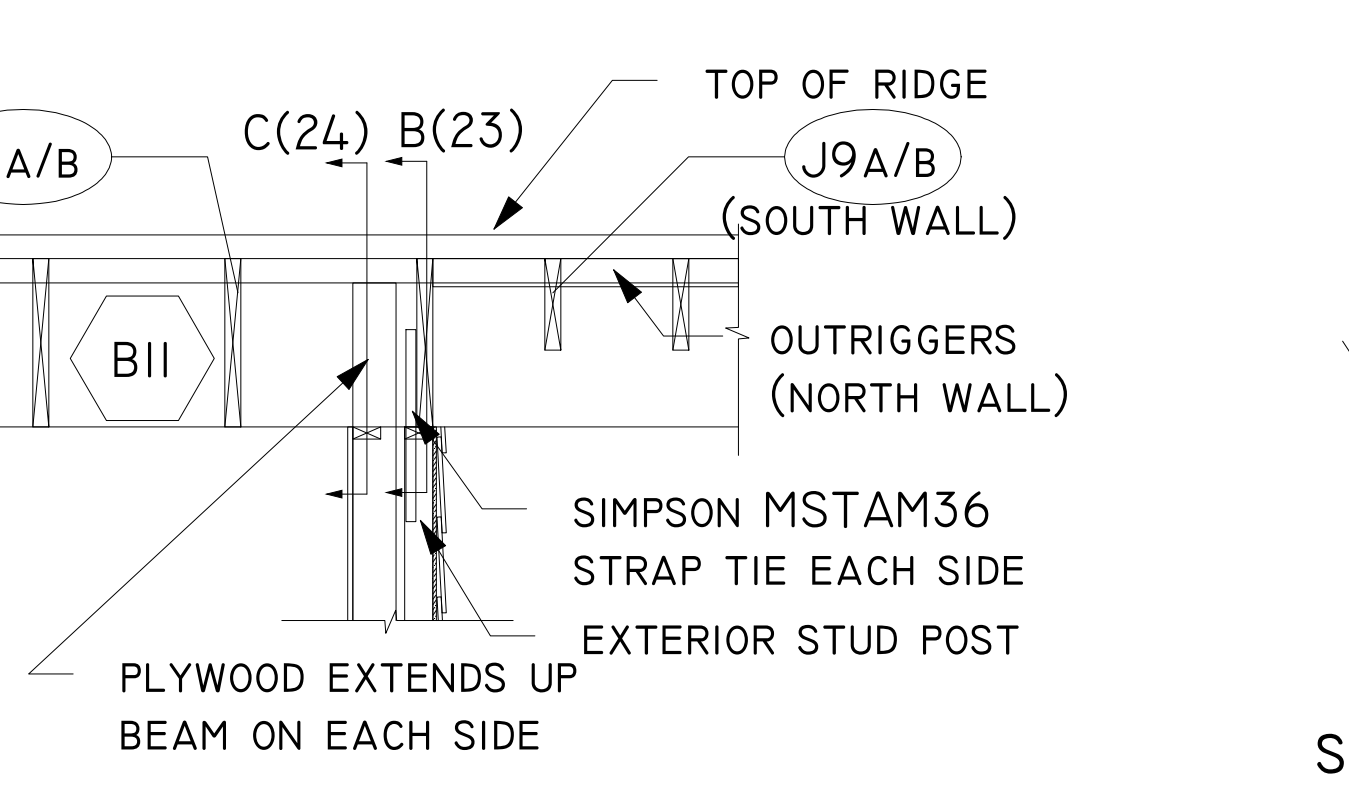
26 DROP BEAM AT INTERIOR WALL
1/2" = 1'-0"



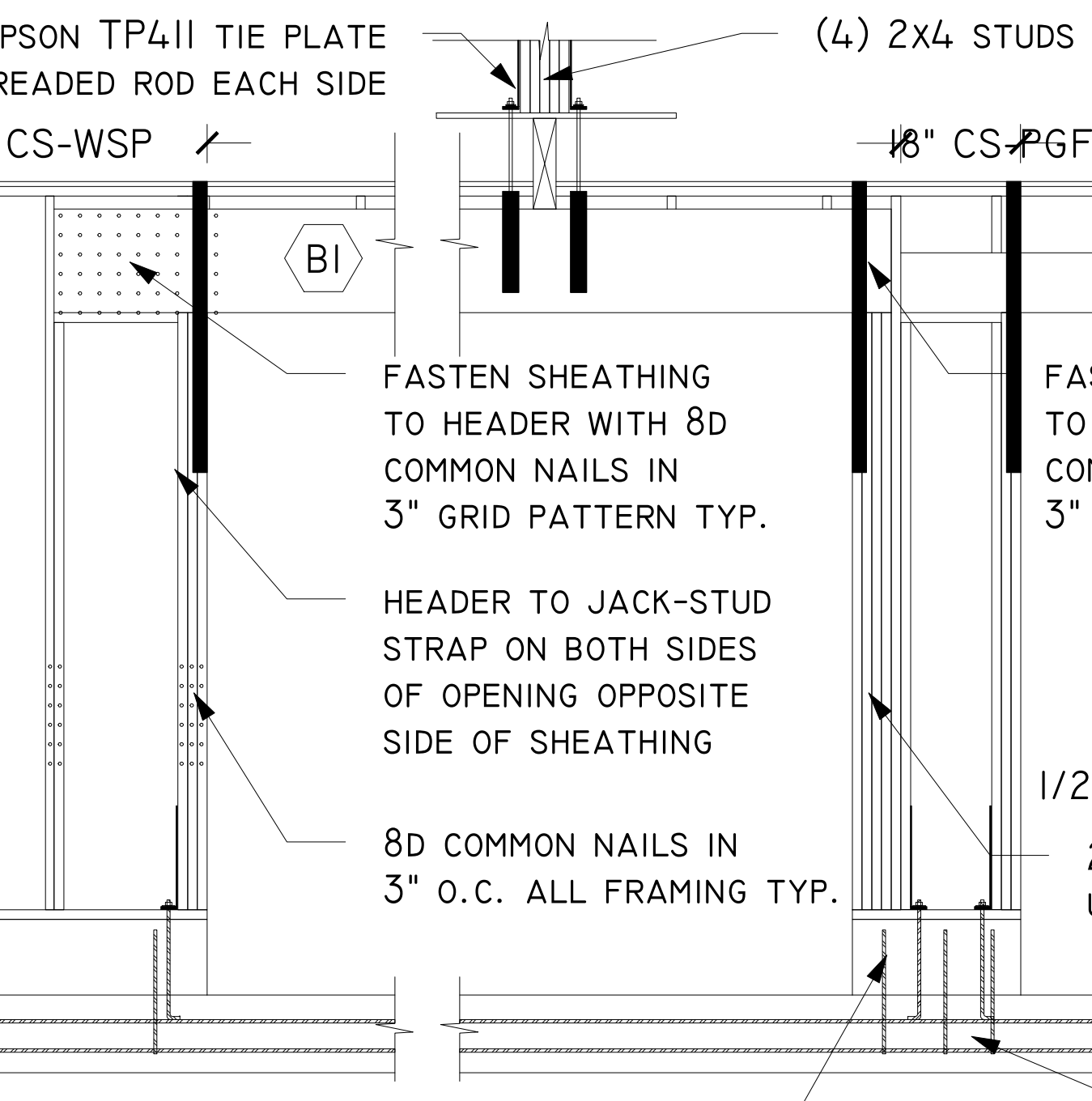
28 TYPICAL COLUMN AT STEM WALL
1/2" = 1'-0"



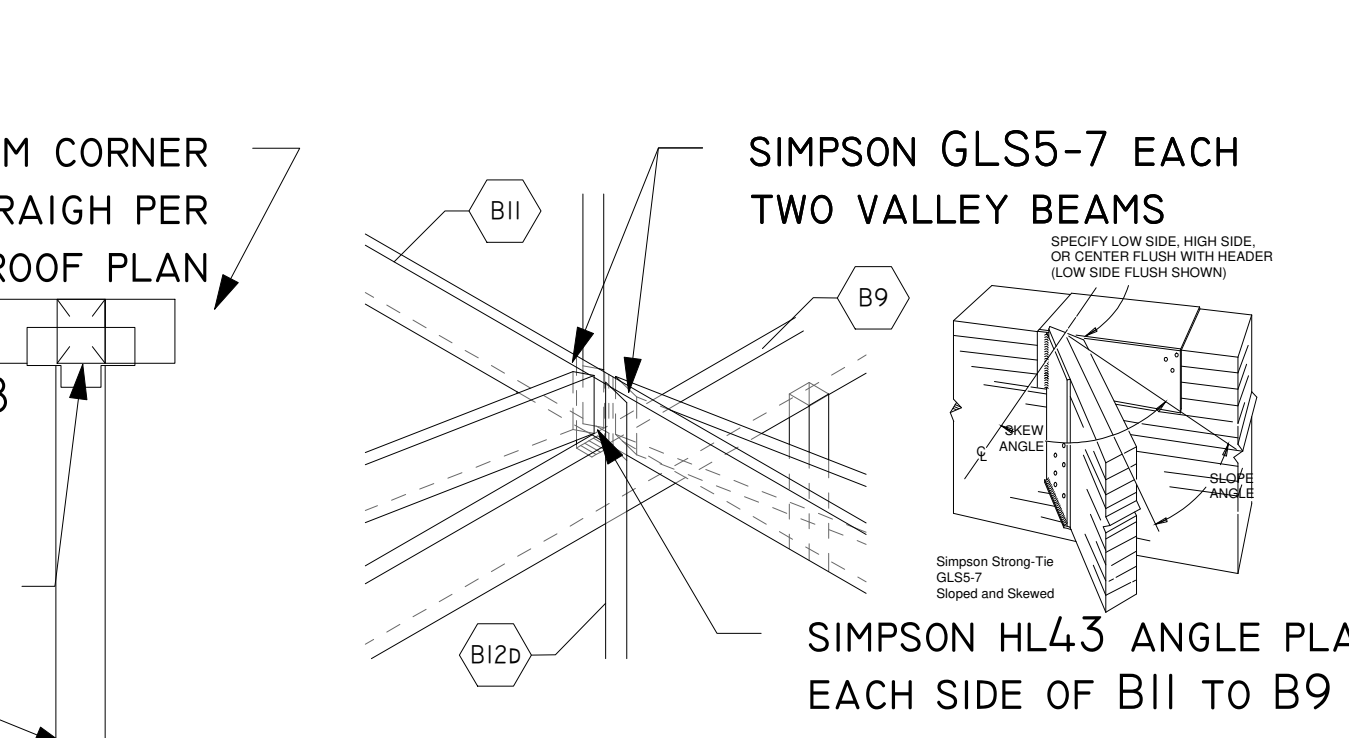
19 SECTION: PORCH TRUSS AND FASCIA CONNECTION
1/2" = 1'-0"



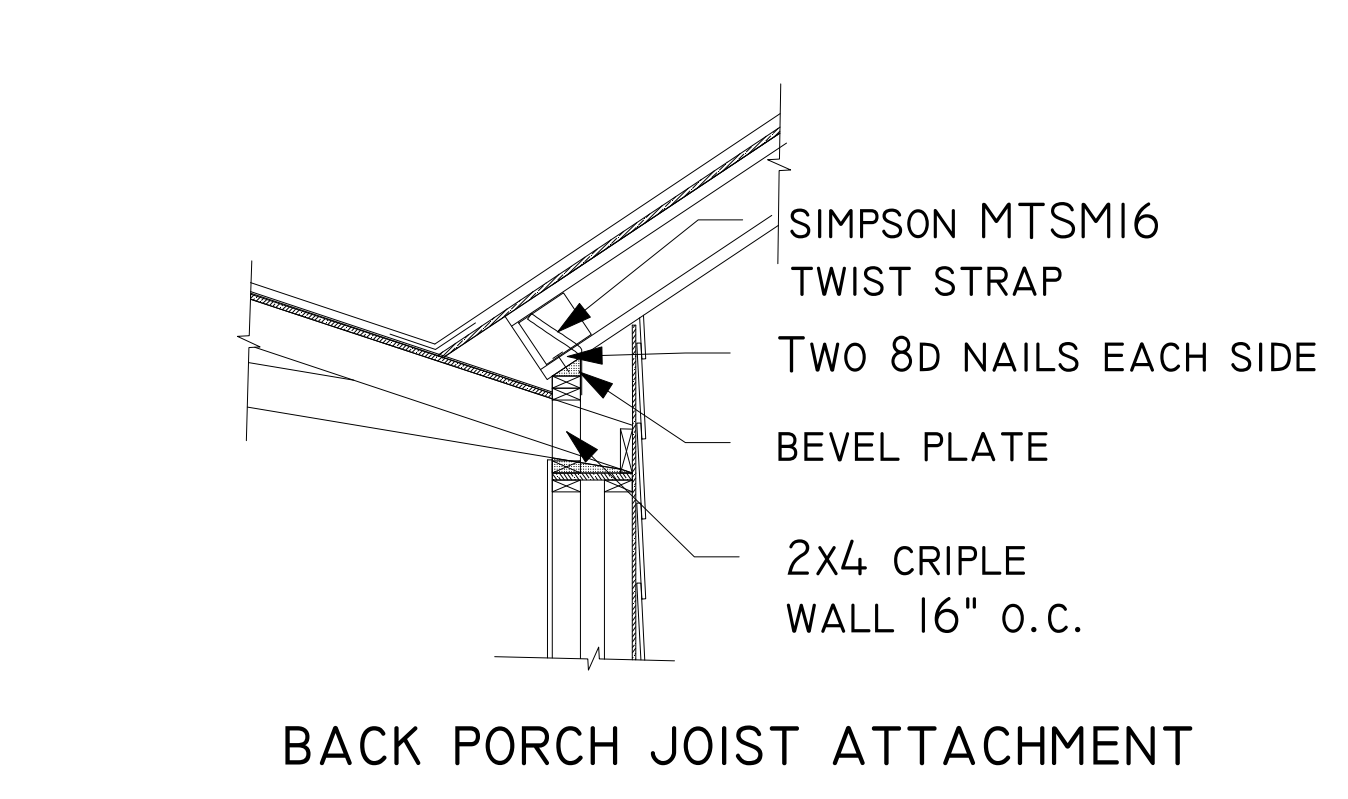
23 RIDGE BEAM AT WALL
1/2" = 1'-0"



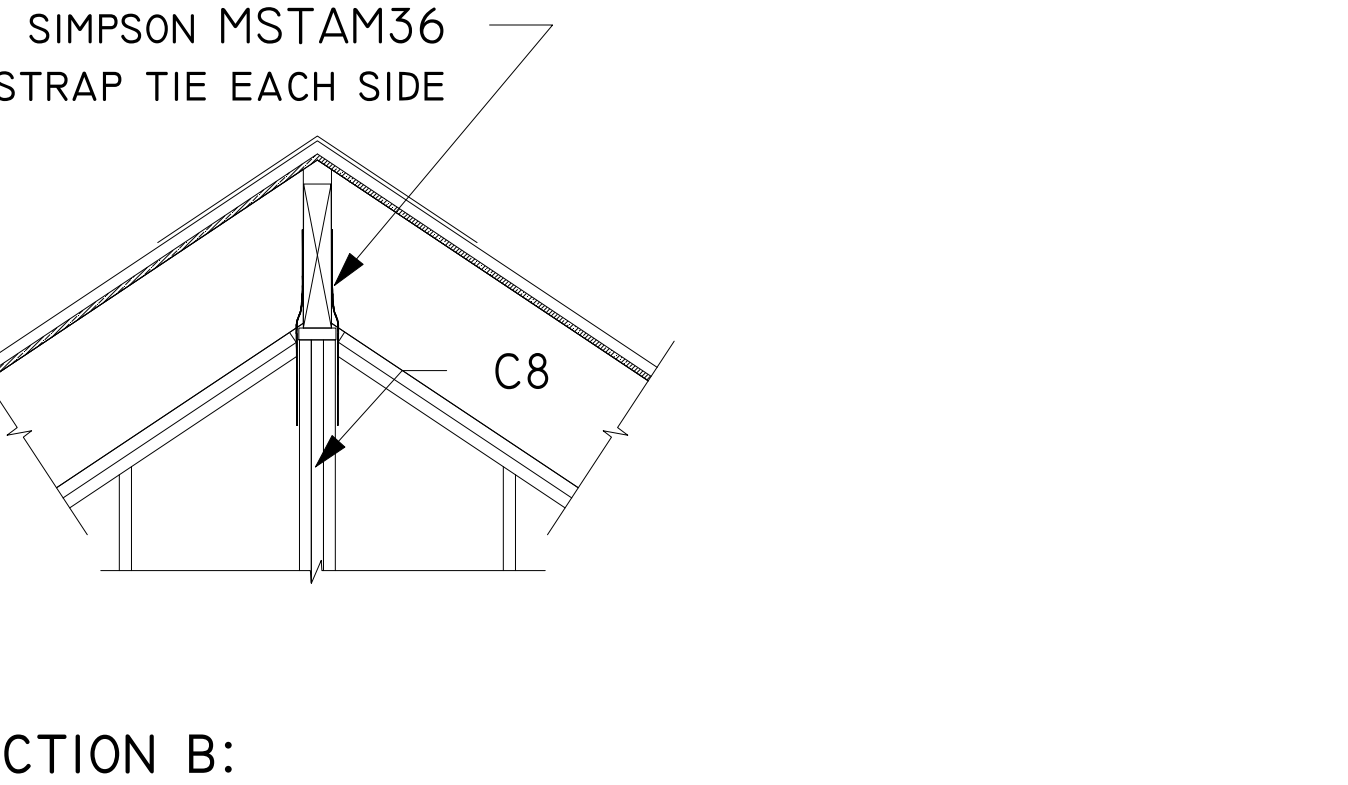
29 CONTINUOUSLY SHEATHED PORTAL FRAME PANEL CONSTRUCTION AT GARAGE DOORS
NOT TO SCALE



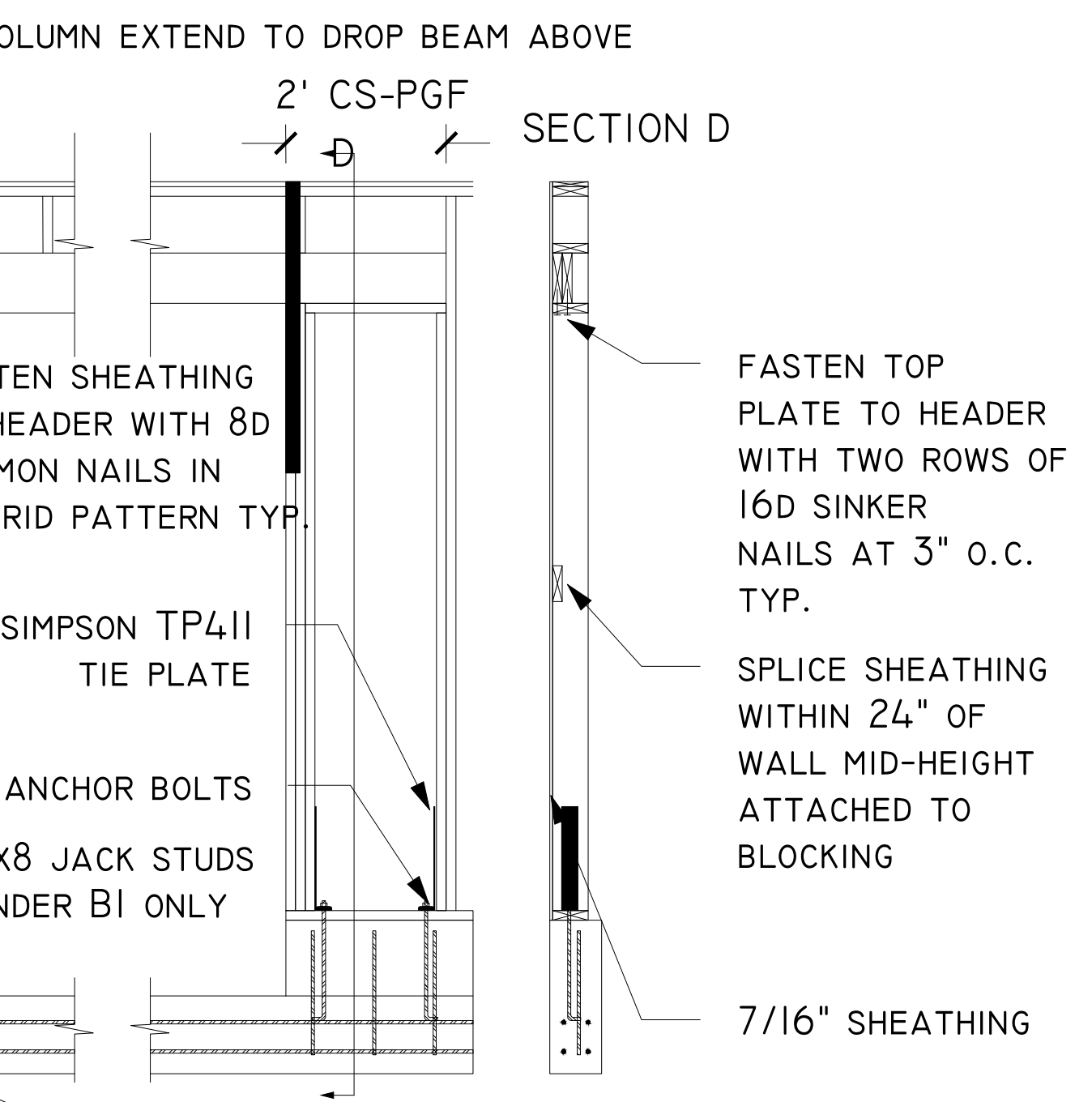
30 TYPICAL PORCH EXTENSION
1/2" = 1'-0"



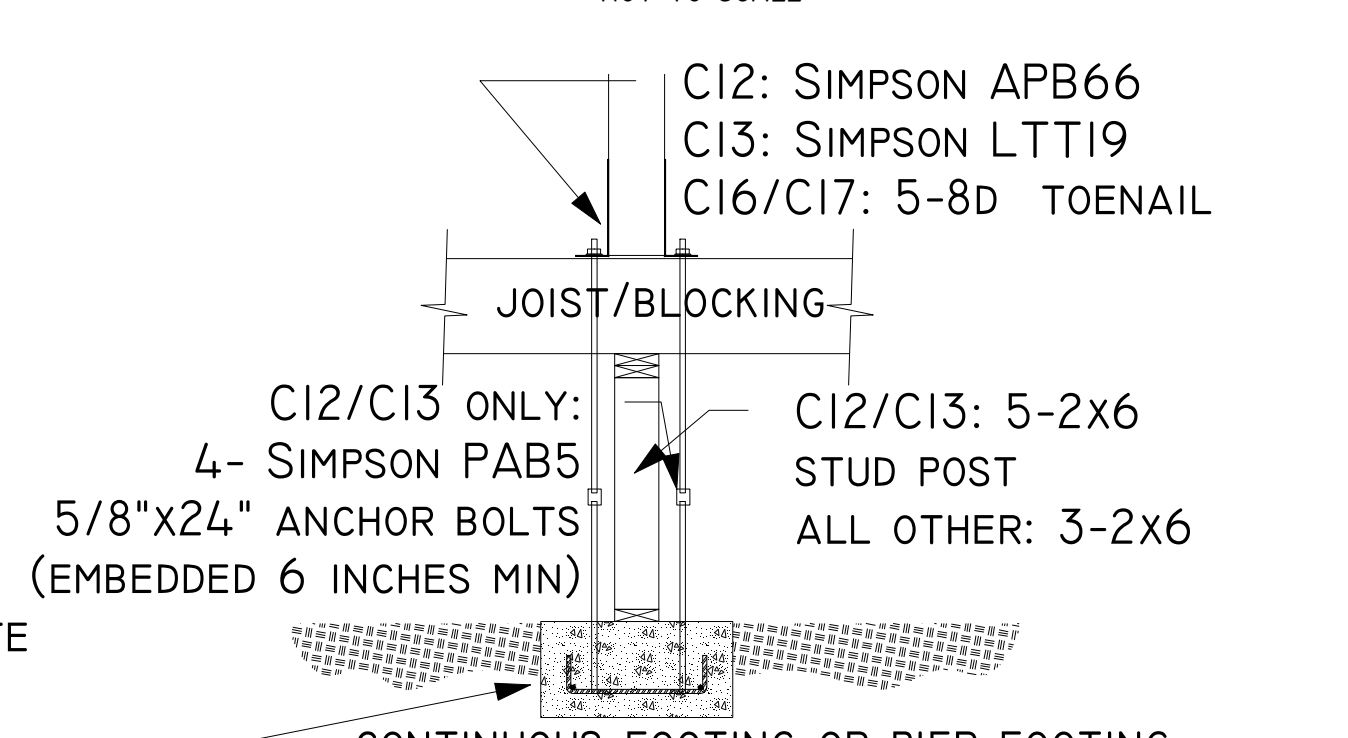
20 BACK PORCH JOIST ATTACHMENT BEHIND BEAM TRUSS
1/2" = 1'-0"



24 RIDGE BEAM / EXTERIOR WALL
1/2" = 1'-0"



32 COLUMN HOLD DOWN AT CRIPPLE WALL
1/4" = 1'-0"



31 CROSS GABLE APEX
NOT TO SCALE

| General Notes | | |
|---------------|----------------|------|
| No. | Revision/Issue | Date |
| | | |

Sheet Title
STRUCTURAL DETAIL VIEWS

Project Name and Address
GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

| | |
|------------------------------|-----------------------|
| Drawn By ADAM GOLDENSTEIN | Sheet S5.02 |
| Date 3/23/2018 | |
| Scale 1/4" = 1'-0" | |

PORTIONS OF THIS DRAWING REPRODUCED FROM WEYERHAEUSER RETRIEVED FROM WEYERHAEUSER ON 1/29/18 FROM [HTTPS://WWW.WEYERHAEUSER.COM/WOODPRODUCTS/DOCUMENT-LIBRARY/DOCUMENT_LIBRARY_DETAIL/CAD-ID-ES/](https://www.weyerhaeuser.com/woodproducts/document-library/document_library_detail/cad-id-es/) VERSION DATE: NOVEMBER 2015

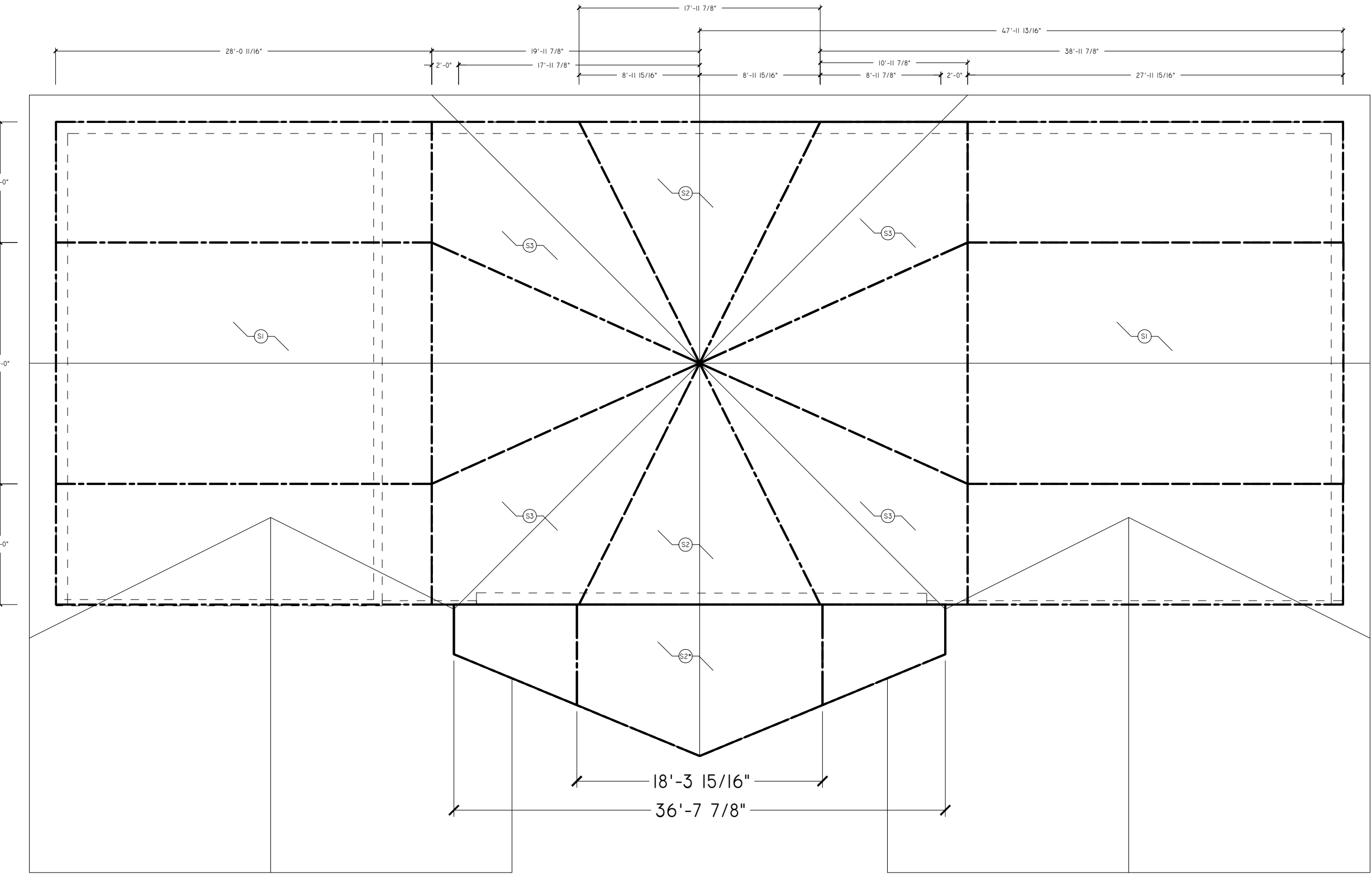
PORTIONS OF THIS DRAWING REPRODUCED FROM SIMPSON STRONG-TIE ON 2/5/18 FROM [HTTPS://WWW2.STRONGTIE.COM/DRAWINGS/INDEX.ASP](https://www2.strongtie.com/drawings/index.asp)

PORTIONS OF THIS DRAWING REPRODUCED FROM SIMPSON STRONG-TIE ON 2/5/18 FROM [HTTPS://WWW2.STRONGTIE.COM/DRAWINGS/INDEX.ASP](https://www2.strongtie.com/drawings/index.asp)

PORTIONS OF THIS DRAWING MODIFIED FROM A REPRODUCED DRAWING FROM SIMPSON STRONG-TIE ON 2/5/18 FROM [HTTPS://WWW2.STRONGTIE.COM/DRAWINGS/INDEX.ASP](https://www2.strongtie.com/drawings/index.asp)

| MEMBER | BEARING | SPAN | LENGTH | ATTACHMENT |
|--------|-------------------------------|------------------|-------------|---|
| B1 | 4-1/2" x 16" LVL | 4 1/2" x 6" | 18'-0 1/2" | SEE DETAIL 29, 5-BD TOE NAIL TOP PLATE |
| B2 | 4-1/2" x 16" LVL | 5 1/2" x 6" | 24'-3 5/8" | S-BD TOE NAIL TOP PLATE EACH SIDE |
| B3 | 3 1/2" x 12" DF 2x4-VL GULLAH | 5 1/2" x 1 1/2" | 20'-0 3/4" | S-BD TOE NAIL TOP PLATE HUC3.25(1/2) Z2 DEG |
| B4 | 3 1/2" x 12" DF 2x4-VL GULLAH | 10" x 2 1/2" | 19'-5" | S-BD TOE NAIL TOP PLATE HUC3.25(1/2) Z2 DEG |
| B5 | 3 1/2" x 12" DF 2x4-VL GULLAH | 5 1/2" x 1 1/2" | 25'-6 1/8" | S-BD TOE NAIL TOP PLATE 120ENLPC |
| B6 | 2-1/2" x 11 7/8" LVL | 4 1/2" x 4 1/2" | 3'-8 1/2" | SEE DETAIL 16 |
| B7 | 2-1/2" x 11 7/8" LVL | 2 1/2" x 3 1/2" | 3'-3" | SEE DETAIL 16 |
| B8 | 2-1/2" x 11 7/8" LVL | 2 1/2" x 3" | 17'-2 7/16" | 2x4 APPROX SEE DETAIL 19, SIMPSON LUG |
| B9 | 5 1/2" x 16" DF 2x4-VL GULLAH | 10' x 1" | 32'-0 7/8" | SEE DETAIL 11 |
| B9a | 5 1/2" x 16" DF 2x4-VL GULLAH | 1' x 5 9/16" | 15'-3 1/8" | 21" |
| B9c | 5 1/2" x 16" DF 2x4-VL GULLAH | 1' x 5 9/16" | 15'-3 1/8" | 21" |
| B9d | 5 1/2" x 16" DF 2x4-VL GULLAH | 1' x 5 9/16" | 15'-3 1/8" | 21" |
| B10 | OMITTED | OMITTED | OMITTED | OMITTED |
| B11a | 2-1/2" x 16" LVL | 5 1/2" x 2" | 10'-1 1/2" | SEE STRUCTURAL BEAM PLAN |
| B11b | 2-1/2" x 16" LVL | 2" x 10" | 17'-1 9/16" | 20'-0" |
| B11c | 2-1/2" x 16" LVL | 5 1/2" x 2" | 24'-0 3/8" | 30" |
| B12 | 5.5"x24" DF 2x4-VL GULLAH | 5 1/2" x 3" | 23'-3 1/8" | 23'-8 5/8" |
| B13 | 6.75"x24" DF 2x4-VL GULLAH | 4" x 3" | 29'-4 5/8" | 30'-1 5/8" |
| B14 | 6.75"x24" DF 2x4-VL GULLAH | 2" x 3" | 10'-7 7/16" | 11'-0 7/16" |
| B15 | 5.5"x24" DF 2x4-VL GULLAH | 4" x 5 1/2" | 29'-4 5/8" | 30'-9 7/16" |
| B16 | 6x8 ROUGH SAWN DF | 2" x 3" MITER | 6'-4" | 7'-0" |
| B17 | 6x8 ROUGH SAWN DF | 3" x 3" 45 MITER | 8'-8" | 9'-5" |

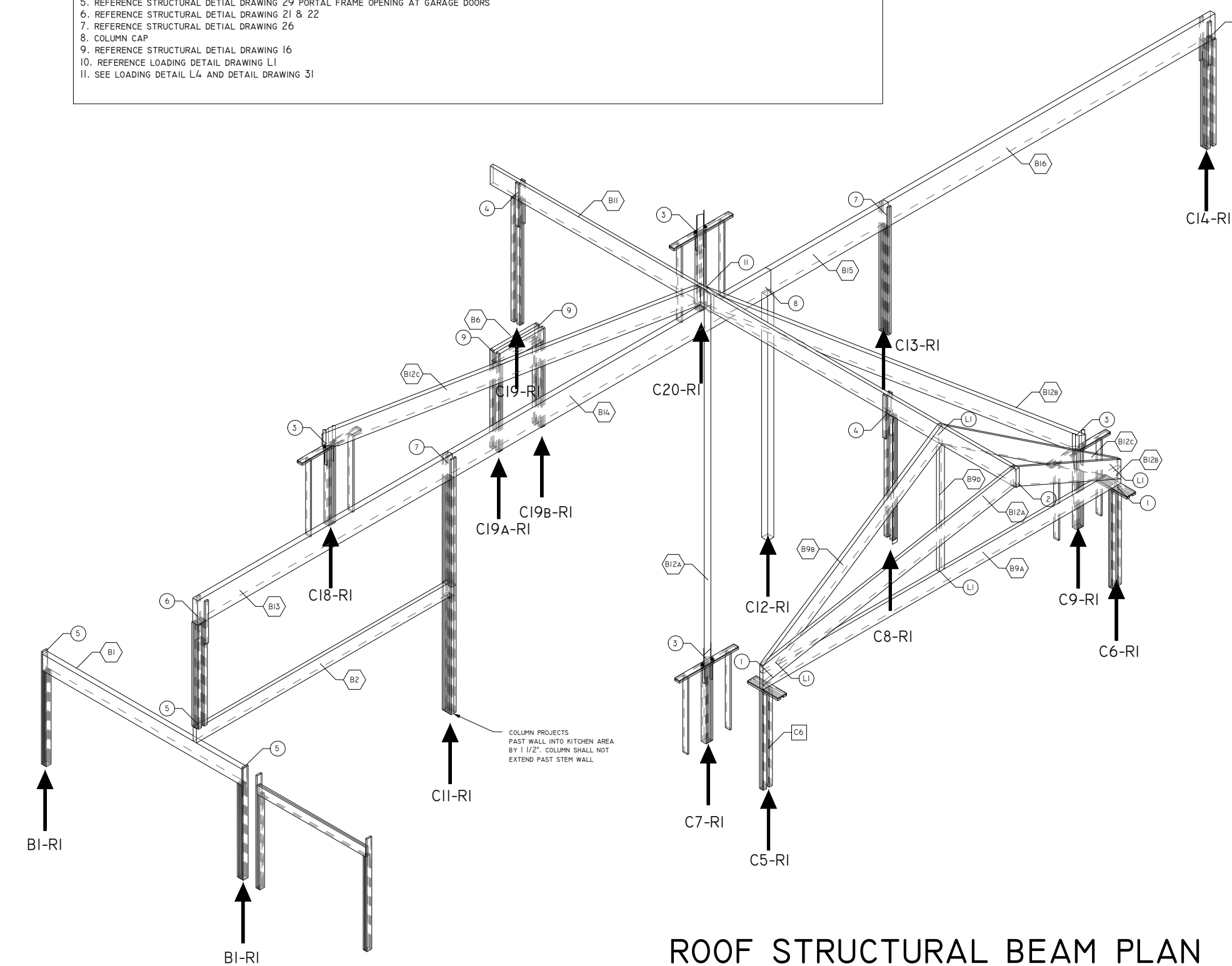
| COLUMN | LENGTH | ATTACHMENT: BOTTOM/TOP |
|----------------|------------------|--|
| C1-C4 | 6x6 POST DF #2 | SEE DETAIL 6 & 30 |
| C5-C6 | 4-2x4 DF #2 | SEE DETAIL 28 & 19 |
| C7-C9, C18-C20 | 4-2x4 DF #2 | SEE DETAIL 28 & 18 |
| C10-C17 | 4-2x4 DF #2 | SEE DETAIL 28, 27, 21, 25 |
| C18 | SEE DETAIL 29 | SEE DETAIL 29 |
| C19 | 3-2x4 POST DF #2 | SEE DETAIL 29 & 27 |
| C21 | 7x7 PARALAN | SEE DETAIL 32, SIMPSON CCT8 COLUMN CAP |
| C22 | 4-2x4 POST DF #2 | SEE DETAIL 32 |
| C23 | 4-2x4 POST DF #2 | SEE DETAIL 28, 27, 21 |
| C24 | 3-2x4 POST DF #2 | SEE DETAIL 32 |
| C25-26 | 6x6 POST DF #2 | SEE DETAIL 5 / SIMPSON PCLZ POST CAP |



ROOF BEAM LOADING TRIBUTARY AREAS

1/8" = 1'-0"

| STRUCTURAL BEAM ATTACHMENT NOTES |
|--|
| 1. REFEREE STRUCTURAL DETAIL DRAWINGS 19 & 20 |
| 2. SIMPSON LUGS FACE HANGER FOR B12/B11 AND B10/B11 |
| 3. REFEREE STRUCTURAL DETAIL DRAWING 18 |
| 4. REFEREE STRUCTURAL DETAIL DRAWING 23, 24, & 25 |
| 5. REFEREE STRUCTURAL DETAIL DRAWING 29 PORTAL FRAME OPENING AT GARAGE DOORS |
| 6. REFEREE STRUCTURAL DETAIL DRAWING 21 & 22 |
| 7. REFEREE STRUCTURAL DETAIL DRAWING 26 |
| 8. COLUMN CAP |
| 9. REFEREE STRUCTURAL DETAIL DRAWING 16 |
| 10. REFEREE LOADING DETAIL DRAWING L1 |
| 11. SEE LOADING DETAIL L1 AND DETAIL DRAWING 31 |



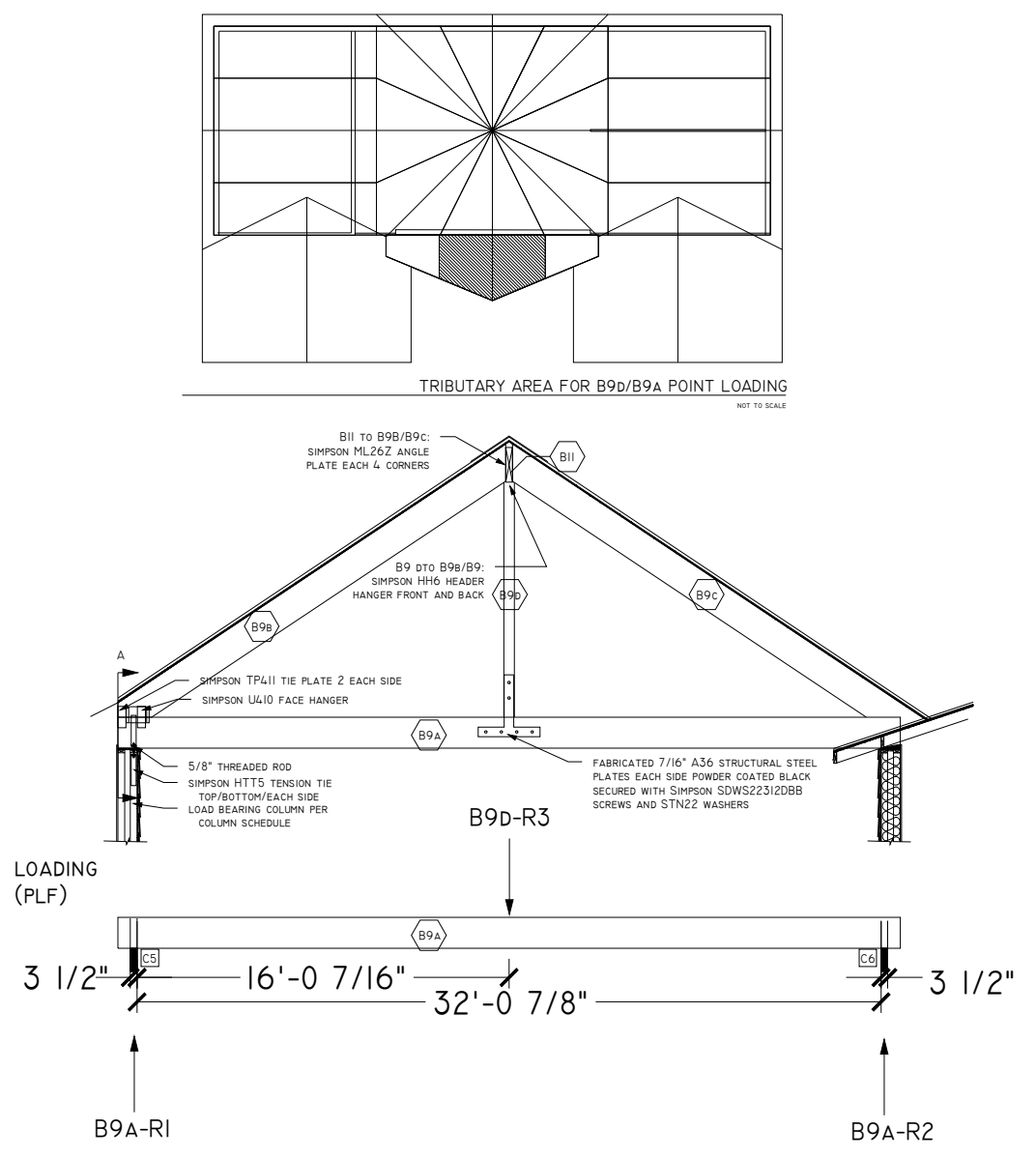
ROOF STRUCTURAL BEAM PLAN

NOT TO SCALE

| General Notes | | |
|---------------|----------------|------|
| No. | Revision/Issue | Date |
| | | |

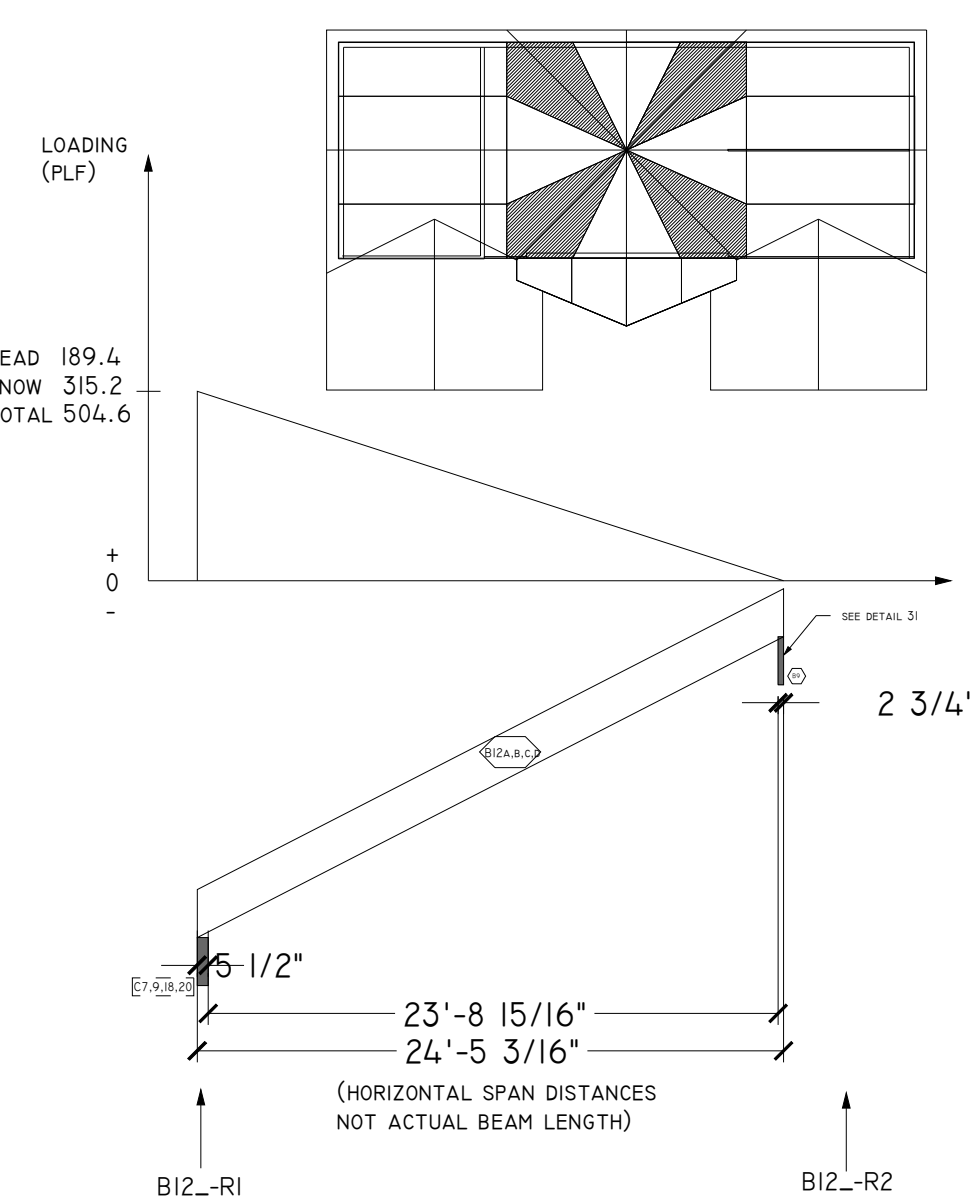
STRUCTURAL BEAM PLAN

Project Name and Address
GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327



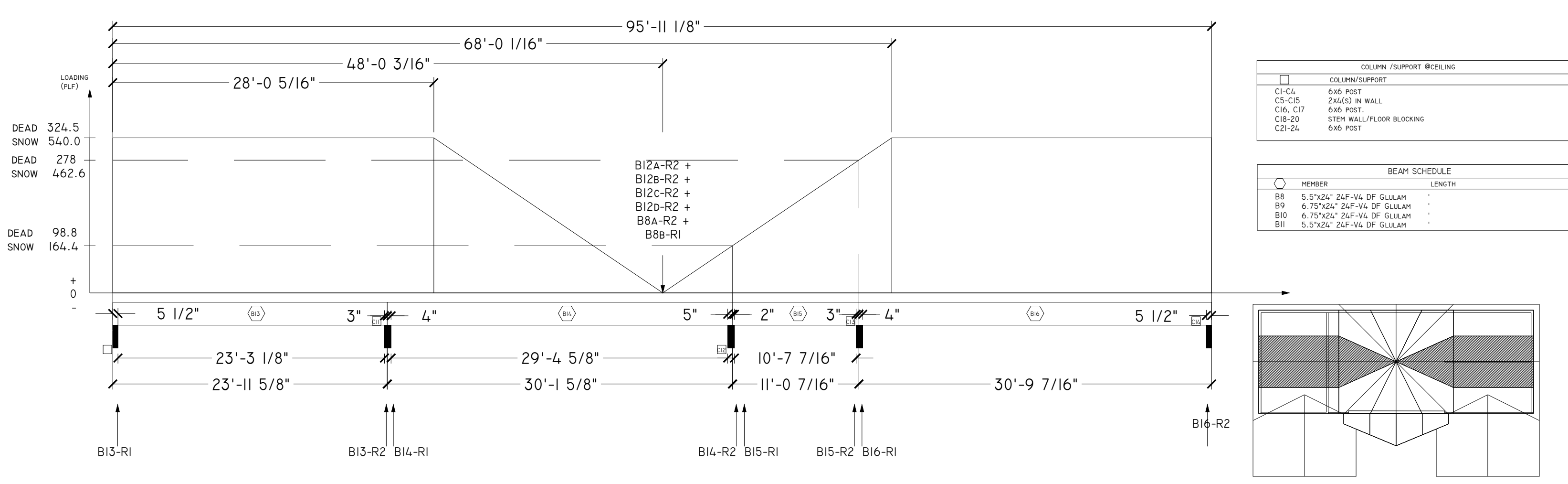
L1 PORCH TRUSS BEAM LOADING

1/8" = 1'-0"



L2 VALLEY BEAM(S) LOADING

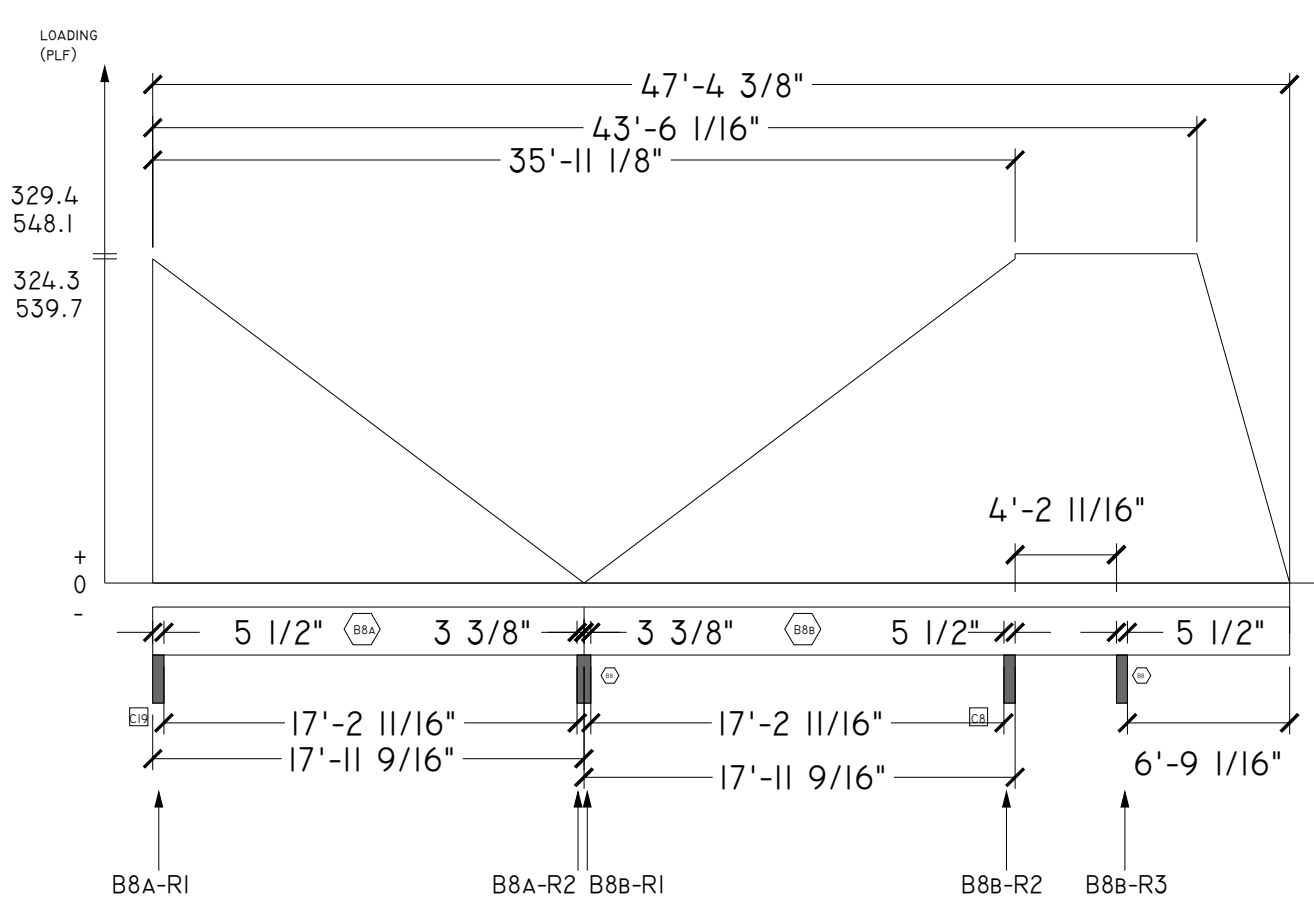
1/8" = 1'-0"



L3 MAIN RIDGE DROP BEAM(S) LOADING DIAGRAM

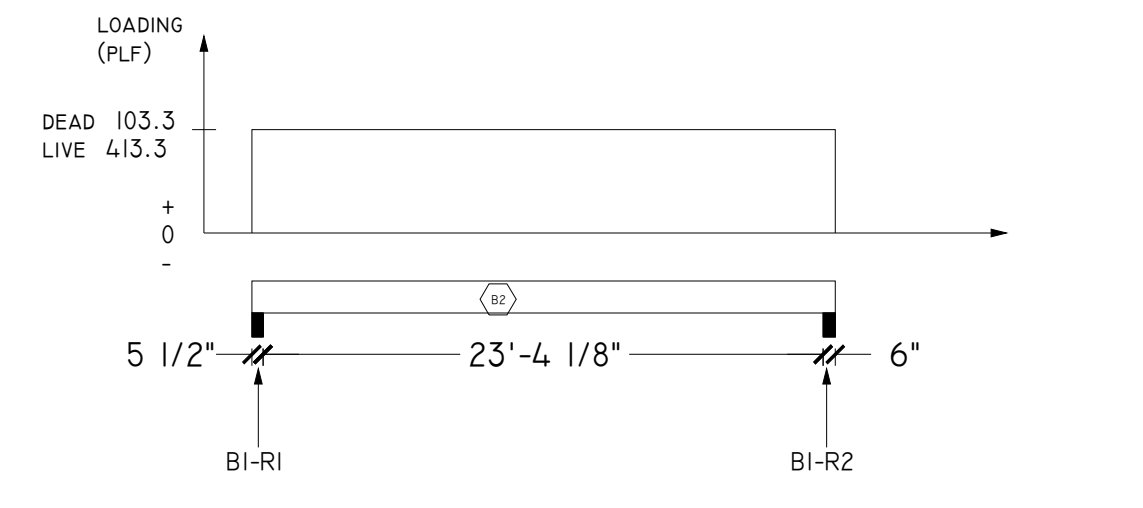
1/8" = 1'-0"

NOTE:
 ENGINEERING ANALYSIS OF LOAD BEARING
 BEAMS AND COLUMNS/POSTS AVAILABLE ON REQUEST



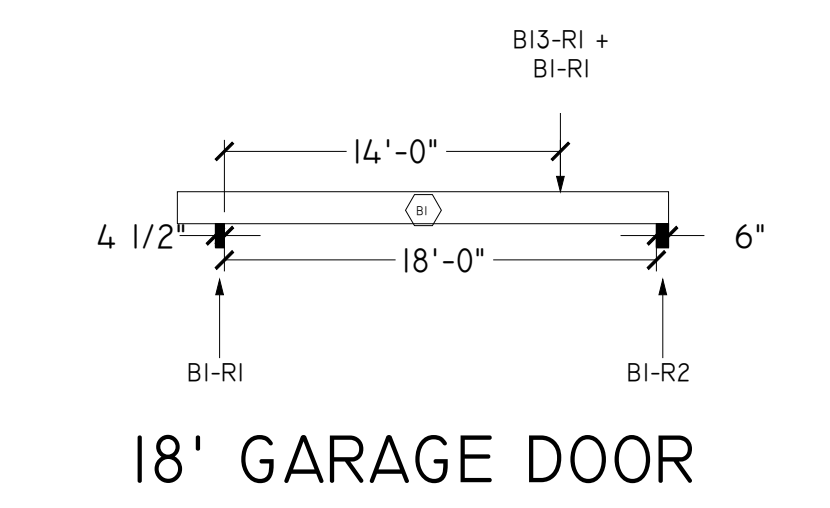
L4 CROSS RIDGE BEAM LOADING

1/8" = 1'-0"



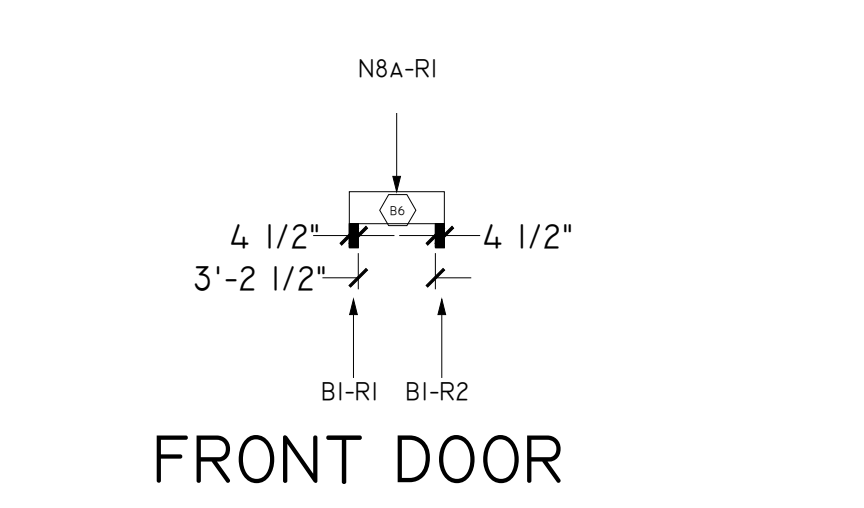
L5 ATTIC FLOOR BEAM ABOVE GARAGE

1/8" = 1'-0"



L6 18' GARAGE DOOR HEADER LOADING

1/8" = 1'-0"



L6 FRONT DOOR HEADER LOADING

1/8" = 1'-0"

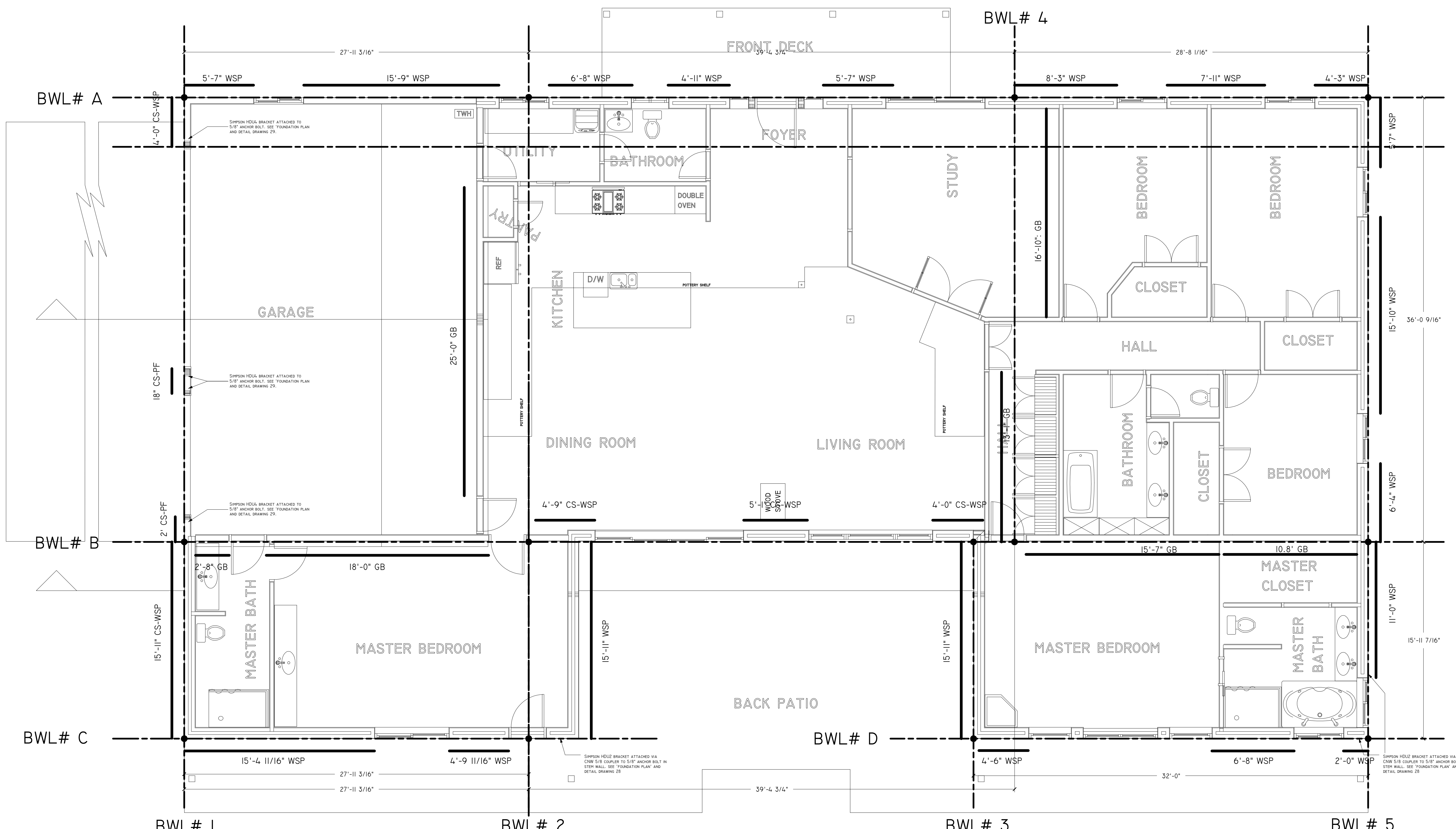
| | | |
|------------------------------|--------------------|--------------|
| Drawn By ADAM GOLDENSTEIN | Sheet 3/23/2018 | S7.01 |
| Date 3/23/2018 | | |
| Scale 1/4" = 1'-0" | | |

BRACED WALL NOTES

I. SEE 'FOUNDATION PLAN' AND COLUMN SCHEDULE ON 'FLOOR FRAMING PLAN' FOR FOUNDATION ATTACHMENTS

BRACED WALL CALCULATIONS (PER R602.10.3 WITH APPLICABLE ADJUSTMENTS)

| WALL # | CEILING HEIGHT | TYPE(S) OF BRACED WALL PANEL | DISTANCE BETWEEN BRACED WALLS | REQUIRED TOTAL LENGTH OF BRACING | PROVIDED TOTAL LENGTH OF BRACING | NOTES |
|--------|----------------|------------------------------|-------------------------------|----------------------------------|----------------------------------|-----------------------|
| A 1-2 | 9' | WSP | 28'-5" | 11.2' | 21'-4" | |
| A 2-4 | 8' | WSP | 38'-7" | 15.3' | 17'-4" | |
| A 4-5 | 8' | WSP | 28'-11" | 11.2' | 20'-5" | |
| B 1-2 | 8' | GB | 28'-5" | 19.3' | 20'-8" | |
| B 2-4 | 8' | WSP | 38'-10" | 12.2' | 14'-0" | |
| B 4-5 | 8' | GB | 28'-11" | 19.3' | 26'-5" | |
| C 1-2 | 8' | WSP | 28'-5" | 11.2' | 20'-2" | |
| D 3-5 | 8' | WSP | 31'-2" | 12' | 13'-2" | |
| 1 A-B | 8' | CS-PF | 36'-1" | 15.3' | 17.9' | SEE DRAWING DETAIL 28 |
| 1 B-C | 8' | WSP | 15'-11" | 8.1' | 15'-11" | |
| 2 A-B | 9' | GB | 36'-1" | 21.8' | 25'-0" | |
| 2 B-C | 8' | WSP | 15'-11" | 8.1' | 15'-11" | |
| 3 B-D | 8' | WSP | 15'-11" | 8.1' | 15'-11" | |
| 4 A-B | 8' | GB | 36'-1" | 25.4' | 30'-7" | |
| 5 A-B | 8' | WSP | 36'-1" | 15.3' | 22'-3" | |
| 5 B-C | 8' | WSP | 15'-11" | 8.1' | 11'-0" | |



General Notes

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |
| | | |

Sheet Title
BRACED WALL LINE PLAN

Project Name and Address
GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

Drawn By
 ADAM GOLDENSTEIN

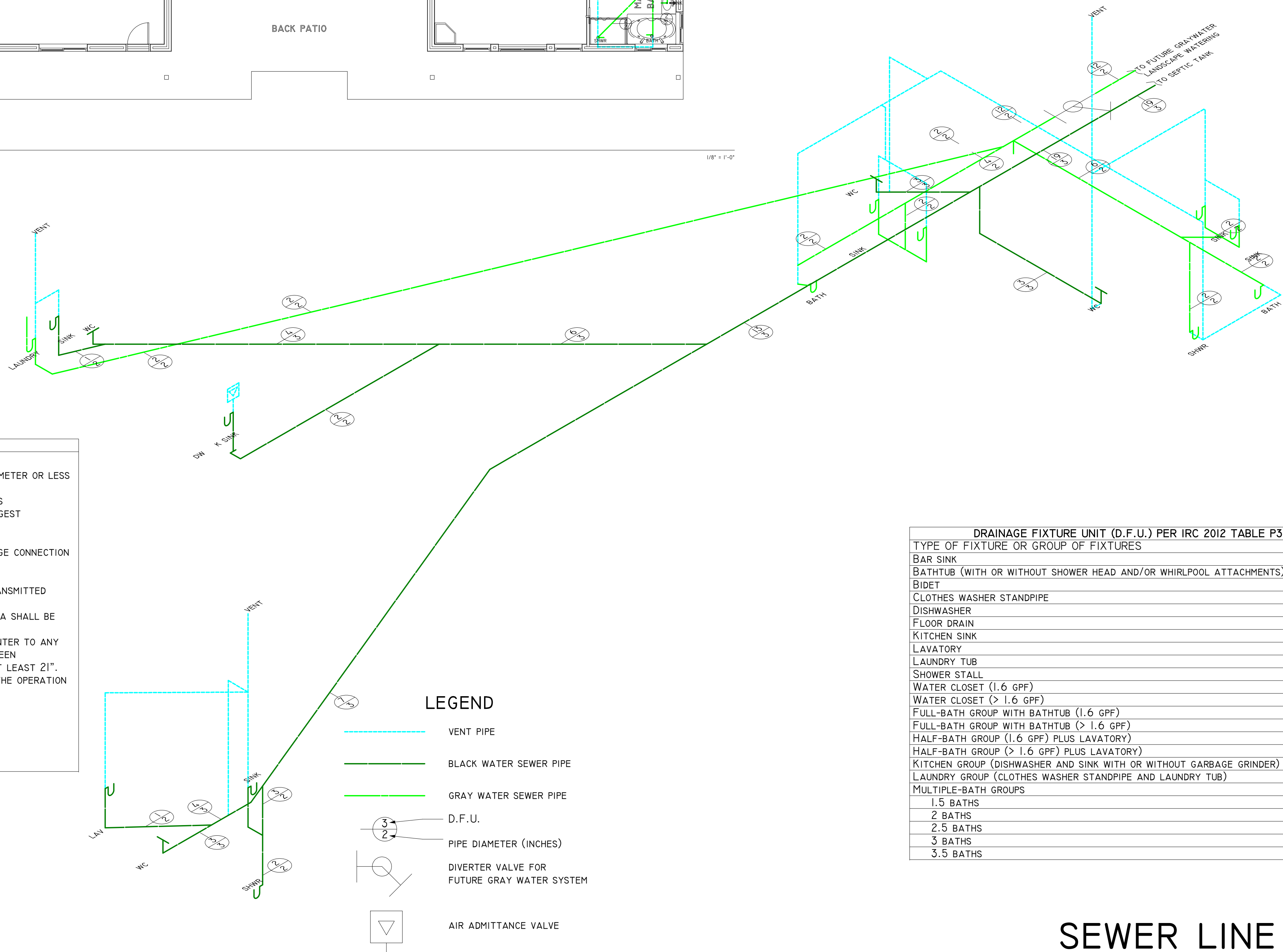
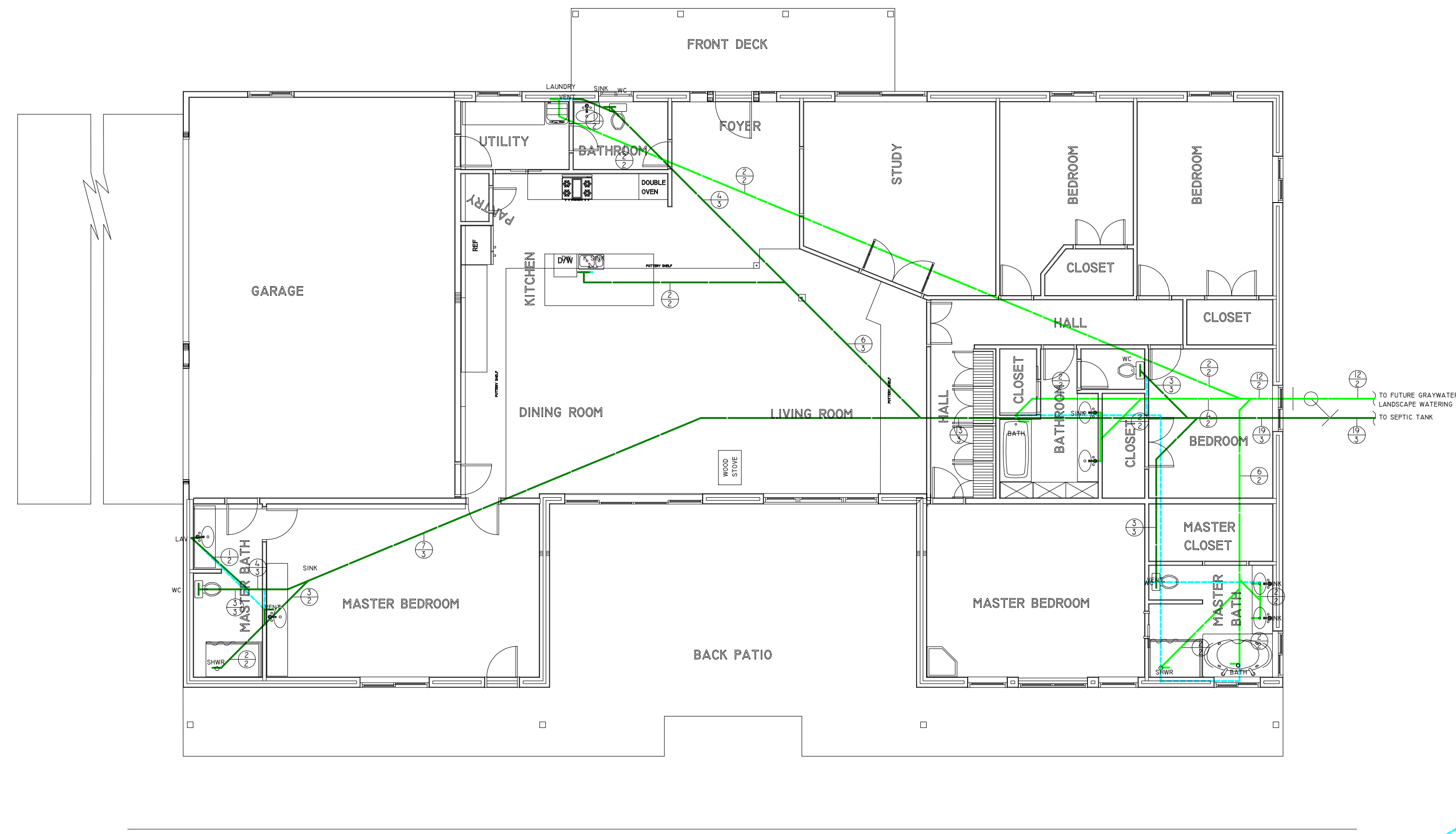
Date
 3/23/2018

Scale
 1/4" = 1'-0"

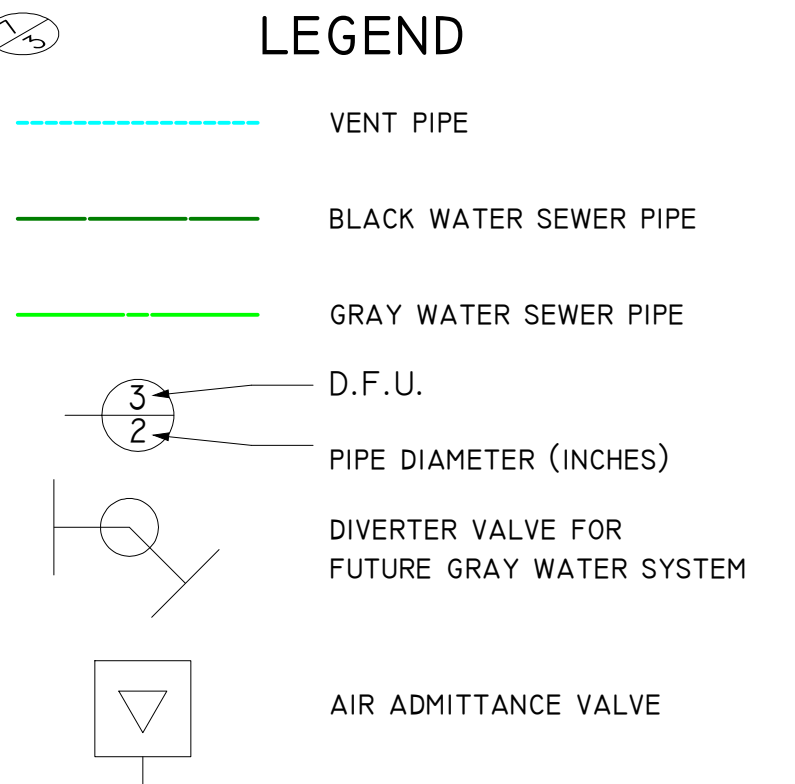
Sheet
S7.02

BRACED WALL PLAN

1/4" = 1'-0"



- NOTES**
1. PLUMBING SHALL COMPLY WITH IRC2012 P3001.
 2. MAIN SEWER PIPING SHALL BE A MINIMUM OF 1/4" PER FOOT SLOPE FOR 2.5" DIAMETER OR LESS AND 1/8" PER FOOT FOR 3" DIAMETER OR MORE.
 3. THE SEWER PIPING SYSTEM SHALL BE VENTED BY ONE OR MORE VENT PIPES WHO'S AGGREGATE CROSS-SECTIONAL AREA SHALL NOT BE LESS THAN THAT OF THE LARGEST REQUIRED BUILDING SEWER.
 4. CLEAN-OUTS SHALL BE INSTALLED ACCORDING TO P3005.2
 5. FLOOR-OUTLET OR FLOOR-MOUNTED FIXTURES SHALL BE SECURED TO THE DRAINAGE CONNECTION AND TO THE FLOOR, WHERE SO DESIGNED VIA COPPER, BRASS OR OTHER CORROSION-RESISTANT MATERIAL.
 6. WALL HUNG FIXTURES SHALL BE RIGIDLY SUPPORTED SO THAT STRAIN IS NOT TRANSMITTED TO THE PLUMBING SYSTEM.
 7. WHERE FIXTURES COME IN CONTACT WITH WALLS AND FLOORS, THE CONTACT AREA SHALL BE CAULKED FOR A WATER RESISTANT BARRIER.
 8. WATER CLOSETS AND LAVATORIES SHALL NOT BE CLOSER THAN 15" FROM ITS CENTER TO ANY SIDE WALL, PARTITION OR VANITY OR CLOSER THAN 30" CENTER-TO-CENTER BETWEEN ADJACENT FIXTURES. ADDITIONALLY, THE FRONT SHALL HAVE A CLEARANCE OF AT LEAST 21".
 9. THE LOCATION OF PIPING, FIXTURES OR EQUIPMENT SHALL NOT INTERFERE WITH THE OPERATION OF WINDOWS OR DOORS.



DRAINAGE FIXTURE UNIT (D.F.U.) PER IRC 2012 TABLE P3004.1

| TYPE OF FIXTURE OR GROUP OF FIXTURES | (D.F.U) |
|---|---------|
| BAR SINK | 1 |
| BATHTUB (WITH OR WITHOUT SHOWER HEAD AND/OR WHIRLPOOL ATTACHMENTS) | 2 |
| BIDET | 1 |
| CLOTHES WASHER STANDPIPE | 2 |
| DISHWASHER | 2 |
| FLOOR DRAIN | 0 |
| KITCHEN SINK | 2 |
| LAVATORY | 1 |
| LAUNDRY TUB | 2 |
| SHOWER STALL | 2 |
| WATER CLOSET (1.6 GPF) | 3 |
| WATER CLOSET (> 1.6 GPF) | 4 |
| FULL-BATH GROUP WITH BATHTUB (1.6 GPF) | 5 |
| FULL-BATH GROUP WITH BATHTUB (> 1.6 GPF) | 6 |
| HALF-BATH GROUP (1.6 GPF) PLUS LAVATORY | 4 |
| HALF-BATH GROUP (> 1.6 GPF) PLUS LAVATORY | 5 |
| KITCHEN GROUP (DISHWASHER AND SINK WITH OR WITHOUT GARBAGE GRINDER) | 2 |
| LAUNDRY GROUP (CLOTHES WASHER STANDPIPE AND LAUNDRY TUB) | 3 |
| MULTIPLE-BATH GROUPS | |
| 1.5 BATHS | 7 |
| 2 BATHS | 8 |
| 2.5 BATHS | 9 |
| 3 BATHS | 10 |
| 3.5 BATHS | 11 |

SEWER LINE PLAN

General Notes

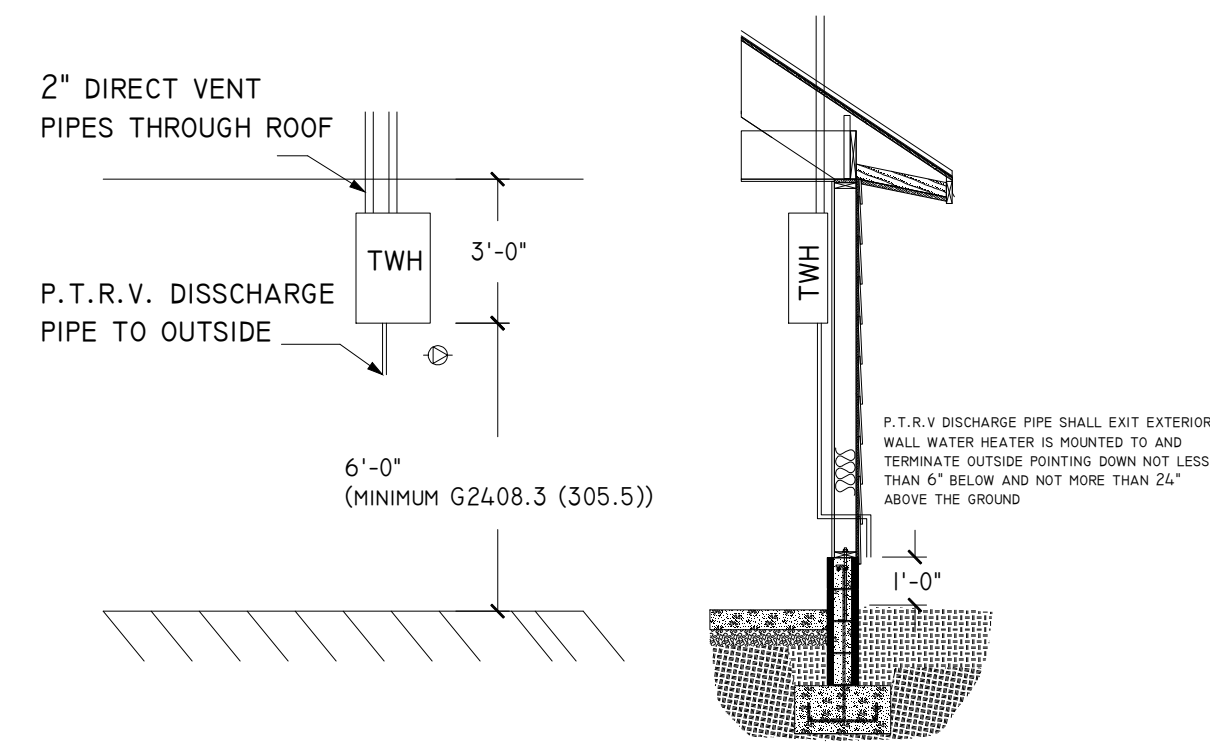
| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |
| | | |

SEWER LINE PLAN

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

| | |
|------------------------------|----------------|
| Drawn By ADAM GOLDENSTEIN | Sheet PI.01 |
| Date 3/23/2018 | |
| Scale 1/4"=1'-0" | |

P.T.R.V. DRAIN TERMINATION



NOTES

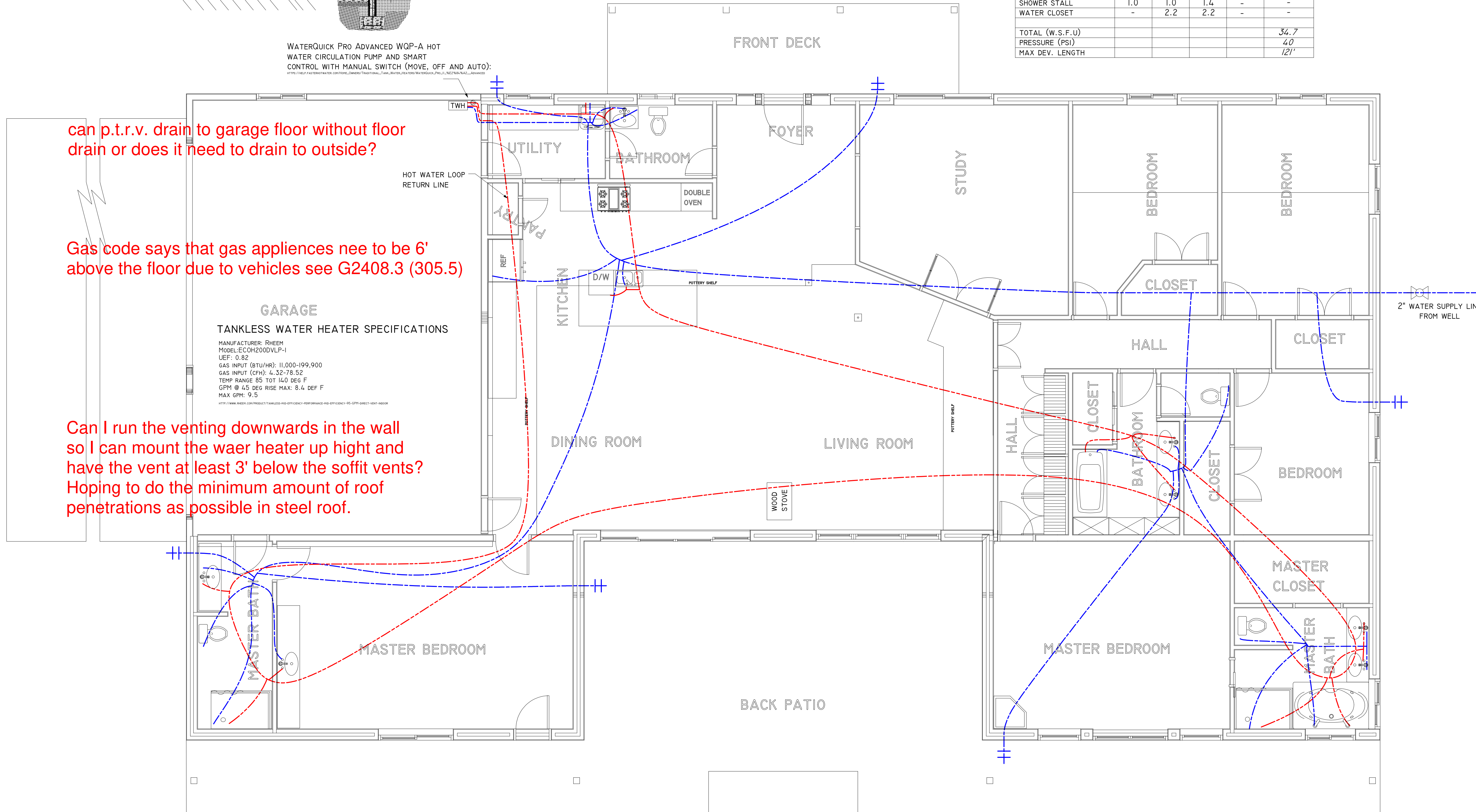
1. ALL WATER LINE MAIN RUNS USE 3/4" PEX.
2. ALL RUNS FROM MANAFOLDS TO FIXTURES US 1/2" PEX.
3. ALL HOT WATER LINES SHALL BE INSULATED WITH R2 MINIMUM.
4. HOT WATER HEATER SHALL BE EQUIPPED WITH A PRESSURE TEMPERATURE RELIEF VALVE (P.T.R.V.) SHALL OPEN NOT LESS THAN 25PSI BUT NOT OVER 150PSI AND OPEN NOT GREATER THAN 210 DEG F.

LEGEND

- COLD WATER PIPE
- HOT WATER PIPE
- TWH TANKLESS WATER HEATER
- ⊕ HOT WATER CIRCULATION PUMP AND SMART CONTROL

| WATER SUPPLY FIXTURE UNIT TABLE PER IRC2012 TABLE 2903.6 | | | | | |
|--|---|------|----------|-------|-------------|
| TYPE OF FIXTURE | WATER SUPPLY FIXTURE UNIT VALUE (W.S.F.U) | | # | TOTAL | |
| | HOT | COLD | COMBINED | | |
| BATHTUB | 1.0 | 1.0 | 1.4 | - | - |
| CLOTHES WASHER | 1.0 | 1.0 | 1.4 | 1.0 | 1.4 |
| DISHWASHER | 1.4 | - | 1.4 | - | - |
| FULL-BATH GROUP | 1.5 | 2.7 | 3.6 | 4.0 | 14.4 |
| HALF-BATH GROUP | 0.5 | 2.5 | 2.6 | - | - |
| HOSE BIBB | - | 2.5 | 2.5 | 5.0 | 12.5 |
| KITCHEN GROUP | 1.9 | 1.0 | 2.5 | 1.0 | 2.5 |
| KITCHEN SINK | 1.0 | 1.0 | 1.4 | 1.0 | 1.4 |
| LAUNDRY GROUP | 1.8 | 1.8 | 2.5 | 1.0 | 2.5 |
| LAUNDRY TUB | 1.0 | 1.0 | 1.4 | - | - |
| LAVATORY | 0.5 | 0.5 | 0.7 | - | - |
| SHOWER STALL | 1.0 | 1.0 | 1.4 | - | - |
| WATER CLOSET | - | 2.2 | 2.2 | - | - |
| TOTAL (W.S.F.U) | | | | | 34.7 |
| PRESSURE (Psi) | | | | | 40 |
| MAX DEV. LENGTH | | | | | 121' |

WATERQUICK PRO ADVANCED WQP-A HOT WATER CIRCULATION PUMP AND SMART CONTROL WITH MANUAL SWITCH (MOVE, OFF AND AUTO):
HTTP://WWW.WATERQUICKPRO.COM/FILES/CONSUMER/TRACTIONAL_TANKLESS_WATER_HEATERS/WATERQUICK_PRO_ADVANCED



can p.t.r.v. drain to garage floor without floor drain or does it need to drain to outside?

Gas code says that gas appliances need to be 6' above the floor due to vehicles see G2408.3 (305.5)

Can I run the venting downwards in the wall so I can mount the water heater up high and have the vent at least 3' below the soffit vents? Hoping to do the minimum amount of roof penetrations as possible in steel roof.

TANKLESS WATER HEATER SPECIFICATIONS
 MANUFACTURER: RHEEM
 MODEL: ECH200DVLPI
 IEF: 0.82
 GAS INPUT (BTU/HR): 11,000-199,900
 GAS INPUT (CFH): 4.32-78.52
 TEMP RANGE 85 TOT 140 DEG F
 GPM @ 45 DEG RISE MAX: 8.4 DEF F
 MAX GPM: 9.5
HTTP://WWW.RHEEM.COM/PRODUCTS/TANKLESS-HOT-WATER-HEATERS/PERFORMANCE-HOT-WATER-HEATERS/ECHECH200DVLPI

General Notes

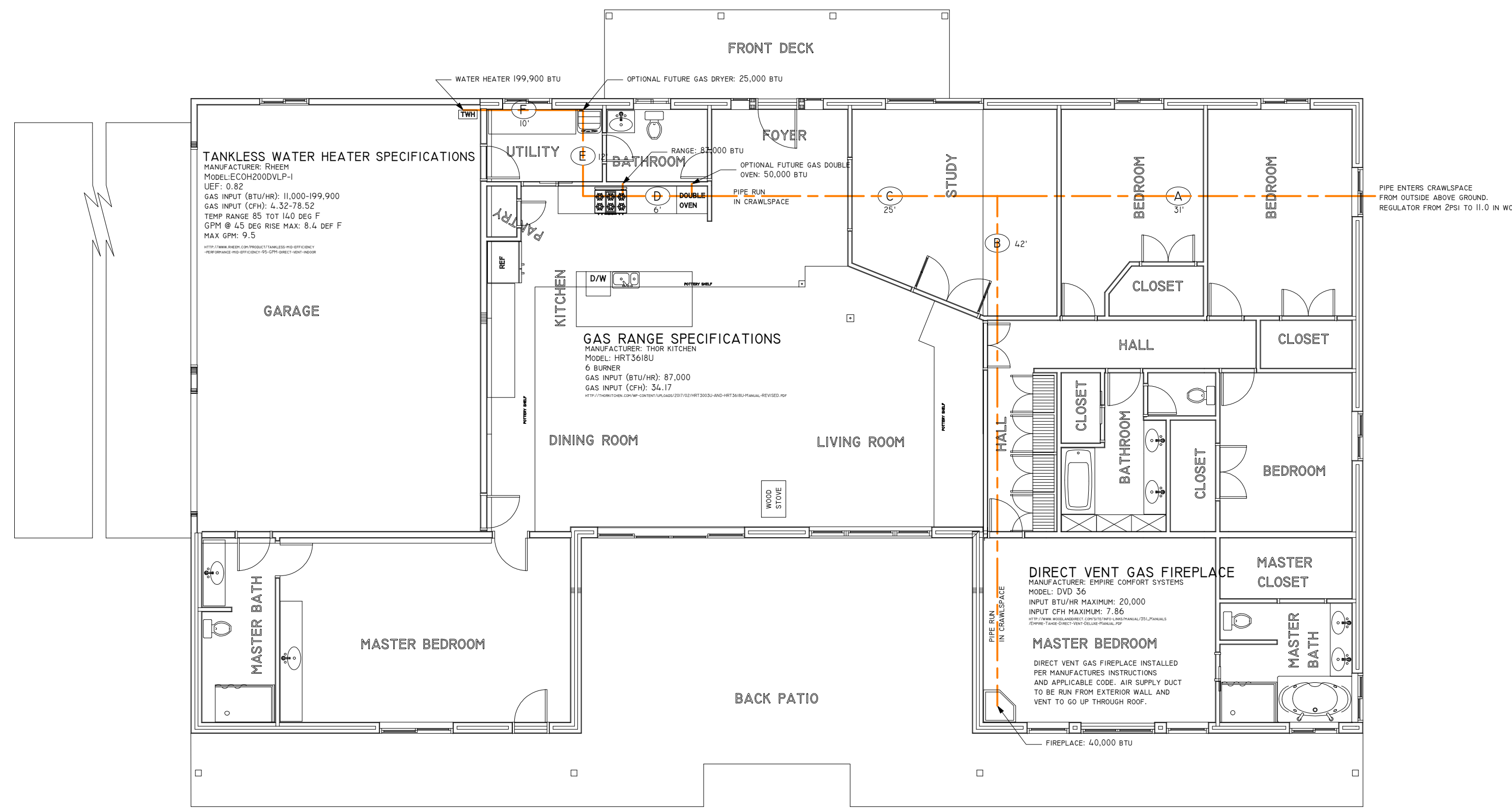
| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

WATER LINE PLAN

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

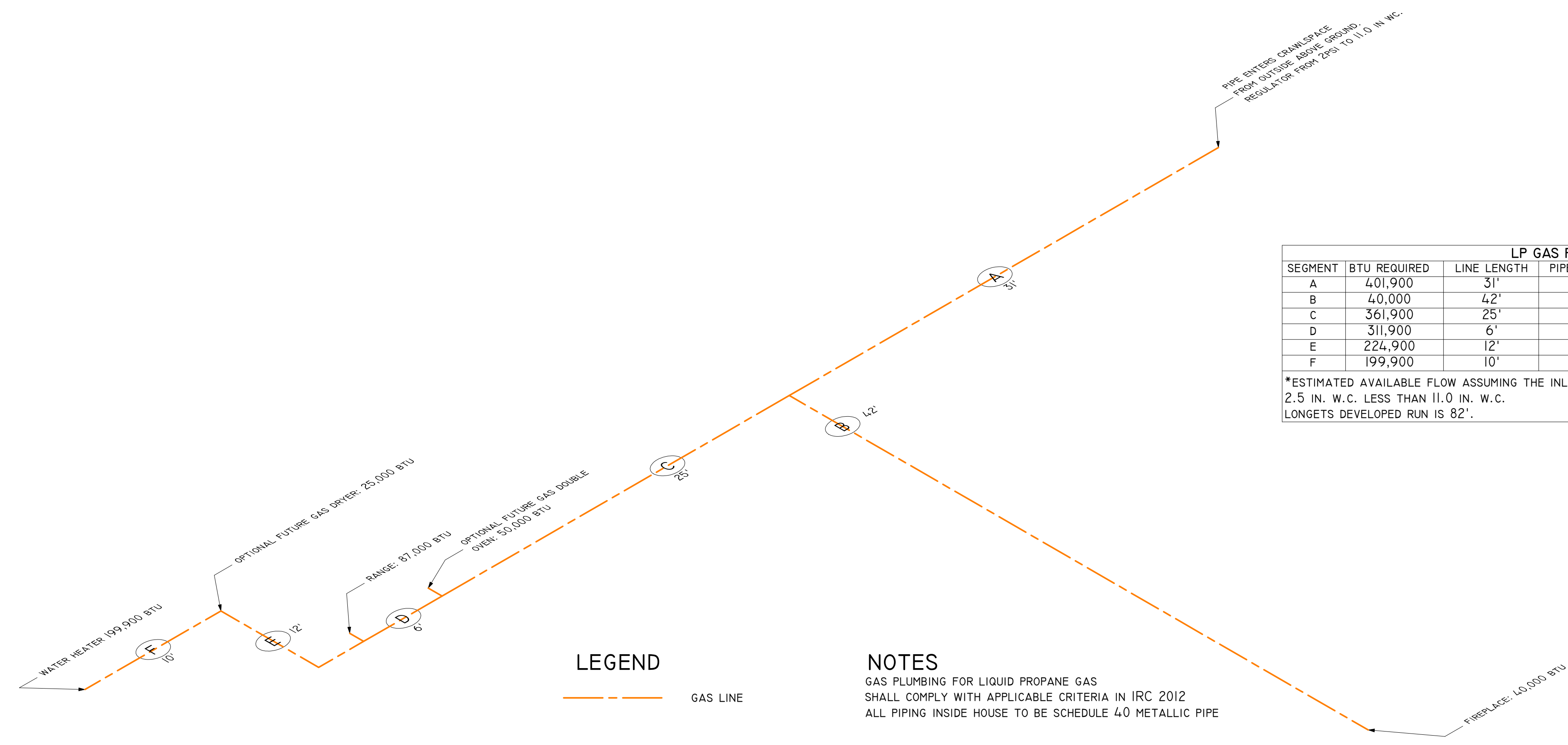
| | |
|------------------------------|----------------|
| Drawn By ADAM GOLDENSTEIN | Sheet PI.02 |
| Date 3/23/2018 | |
| Scale 1/4" = 1'-0" | |

WATER LINE PLAN



GAS LINE PLAN

1/8" = 1'-0"



| LP GAS PIPE SIZING | | | | | |
|--------------------|--------------|-------------|---------------|----------------|-----------------|
| SEGMENT | BTU REQUIRED | LINE LENGTH | PIPE DIAMETER | AVAILABLE BTU* | @ IN. W.C. DROP |
| A | 4,01,900 | 31' | 1" | 632,000 | 0.5 |
| B | 40,000 | 4.2' | 1/2" | 122,000 | 1 |
| C | 361,900 | 25' | 1" | 632,000 | 1 |
| D | 311,900 | 6' | 3/4" | 608,000 | 1.5 |
| E | 224,900 | 12' | 3/4" | 418,000 | 2 |
| F | 199,900 | 10' | 1/2" | 291,000 | 2.5 |

*ESTIMATED AVAILABLE FLOW ASSUMING THE INLET FLOW IN TABLE G2413.4(13) UP TO 2.5 IN. W.C. LESS THAN 11.0 IN. W.C. LONGEST DEVELOPED RUN IS 82'.

General Notes

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

GAS LINE PLAN

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

| | |
|------------------------------|----------------|
| Drawn By ADAM GOLDENSTEIN | Sheet PI.03 |
| Date 3/23/2018 | |
| Scale 1/4" = 1'-0" | |

GAS LINE PLAN

1/4" = 1'-0"

NOTES

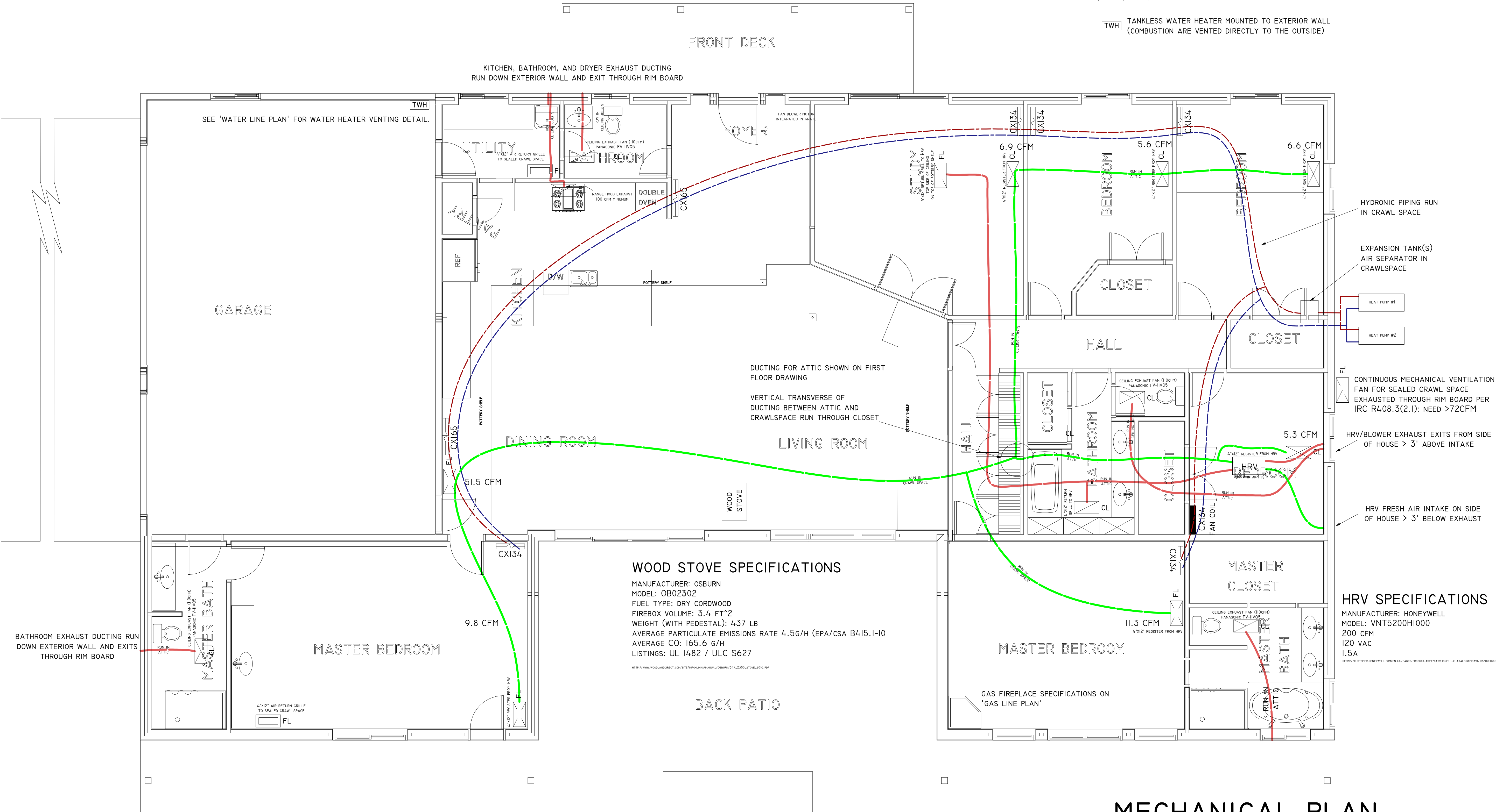
1. AIR DUCTING MAY BE PLASTIC OR METAL, RIGID OR FLEXIBLE MATERIAL PROVIDED IT IS INTENDED TO BE USED FOR AIR DUCTING.
2. ALL DUCTING IS RUN IN CONDITIONED SPACE OF THE BUILDING AND THEREFORE DOES NOT REQUIRE INSULATION.
3. ALL HYDRONIC PIPING IS RUN INSIDE THE BUILDING IS RUN IN CONDITIONED SPACE AND THEREFORE DOES NOT REQUIRE INSULATION. HYDRONIC PIPING OUTSIDE SHALL HAVE FREEZE PROTECTION AND A MINIMUM OF R2 WEATHERPROOF INSULATION.
4. ALL FAN COILS ARE WALL MOUNTED AT THE FLOOR.
5. DOUBLE OVEN IS ELECTRIC, RANGE IS PROPANE GAS.
6. CONDENSATION LINES FOR FAN COILS RUN TO NEAREST EXTERIOR WALL AND EXIT THROUGH RIM BOARD.

PIPE/DUCTING LEGEND

- HYDRONIC SUPPLY LINE
- HYDRONIC RETURN LINE
- HRV FRESH SUPPLY AIR
- EXHAUST AIR (HRV OR BLOWER)

MECHANICAL SYMBOLS LEGEND

- FL CL SUPPLY DUCT (FLOOR & CEILING)
- FL CL EXHAUST DUCT (FLOOR & CEILING)
- FL CL RETURN DUCT (FLOOR & CEILING)
- FL CL TRANSFER DUCT (FLOOR & CEILING)
- TWH TANKLESS WATER HEATER MOUNTED TO EXTERIOR WALL (COMBUSTION ARE VENTED DIRECTLY TO THE OUTSIDE)



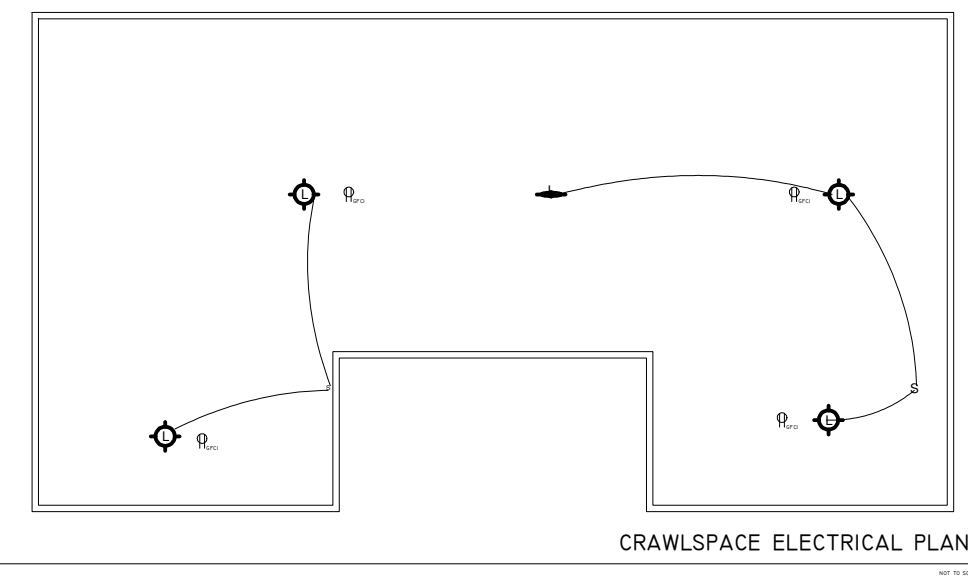
| General Notes | | |
|---------------|----------------|------|
| No. | Revision/Issue | Date |

MECHANICAL PLAN

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

| | |
|------------------------------|-------|
| Project Name and Address | Sheet |
| Drawn By ADAM GOLDENSTEIN | MI.01 |
| Date 3/23/2018 | |
| Scale 1/4" = 1'-0" | |

1/4" = 1'-0"



ELECTRICAL SYMBOLS LEGEND

- OUTLET, DUPLEX (110V)
- OUTLET, DUPLEX, WEATHERPROOF (110V)
- ▲ 220V OUTLET
- LIGHT FIXTURE, WALL
- LIGHT FIXTURE, CEILING
- LIGHT FIXTURE, RECESSED
- FLOURESCENT LIGHT
- ✱ CEILING FAN
- ✱ CEILING FAN W/ LIGHT
- ⊖ EXHAUST FAN
- ⊖ FAN COIL
- ⊖ WHIRLPOOL TUB
- ⊖ SWITCH, SINGLE POLE
- ⊖ SWITCH, DOUBLE POLE
- ⊖ SWITCH, THREE WAY
- ⊖ SWITCH, FOUR WAY
- ⊖ SWITCH WEATHERPROOF
- ⊖ DIMMER SWITCH
- ⊖ TELEPHONE JACK
- ⊖ COMPUTER JACK
- ⊖ TV CABLE
- ⊖ SMOKE DETECTOR
- ⊖ CARBON MONOXIDE DETECTOR

ELECTRICAL NOTES

1. UNLESS OTHERWISE NOTED ALL OUTLETS ARE 110V AND 15A.
2. HVAC FAN COIL UNITS: CX165: 110V 8A, 1.6 GPM, 1.89 PSI; CX134: 110V 6A, 1.2 GPM, 1.57 PSI.
3. ELECTRICAL DESIGN AND INSTALLATION SHALL COMPLY WITH IRC 2012 NOT LIMITED TO THE SELECT PORTIONS
REPRODUCED HERE FOR CONVENIENCE:
-RECEPTACLES SPACING SHALL SUCH THAT NO POINT ALONG THE FLOOR LINE EXCEEDS 6' FOR ANY WALL SPACE 2' OR MORE PER IRC 2012 E3901.2
-RECEPTACLES 65" IN HEIGHT OR LESS SHALL BE TAMPER RESISTANT PER IRC 2012 E4002.14
-CARBON MONOXIDE ALARMS SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOM IN THE DWELLING UNITS WITHIN WHICH FUEL-FIRED APPLIANCES ARE INSTALLED AND IN DWELLING UNITS THAT HAVE ATTACHED GARAGES.
-FACE PLATES SHALL BE GROUNDED PER IRC 2012 E4001.11.1.
-ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION SHALL BE USED FOR ALL BRANCH CIRCUITS THAT SUPPLY 120-VOLT OUTLETS.
-120-VOLT, SINGLE PHASE, 15- AND 20 -AMP OUTLETS INSTALLED PER IRC 2012 E3902.12.
4. SMOKE DETECTORS SHALL MEET REQUIREMENTS OF R314.1 WHICH INCLUDE BEING UL217 LISTED AND INTERCONNECTED.
5. CARBON MONOXIDE DETECTORS SHALL MEET REQUIREMENTS OF R314.1 WHICH INCLUDE BEING UL2075 LISTED.
6. ALL EXTERIOR LIGHTING FIXTURES SHALL BE AIMED OR SHIELDED SO THAT THE DIRECT ILLUMINATION SHALL BE CONFINED TO THE PROPERTY BOUNDARIES AND MEET THE TOWN OF DEWEY-HUMBOLDT'S LIGHT POLLUTION CONTROL ZONING (TOWN CODE SECTIONS 153.150-153.153).

ELECTRICAL LOAD CALCULATIONS

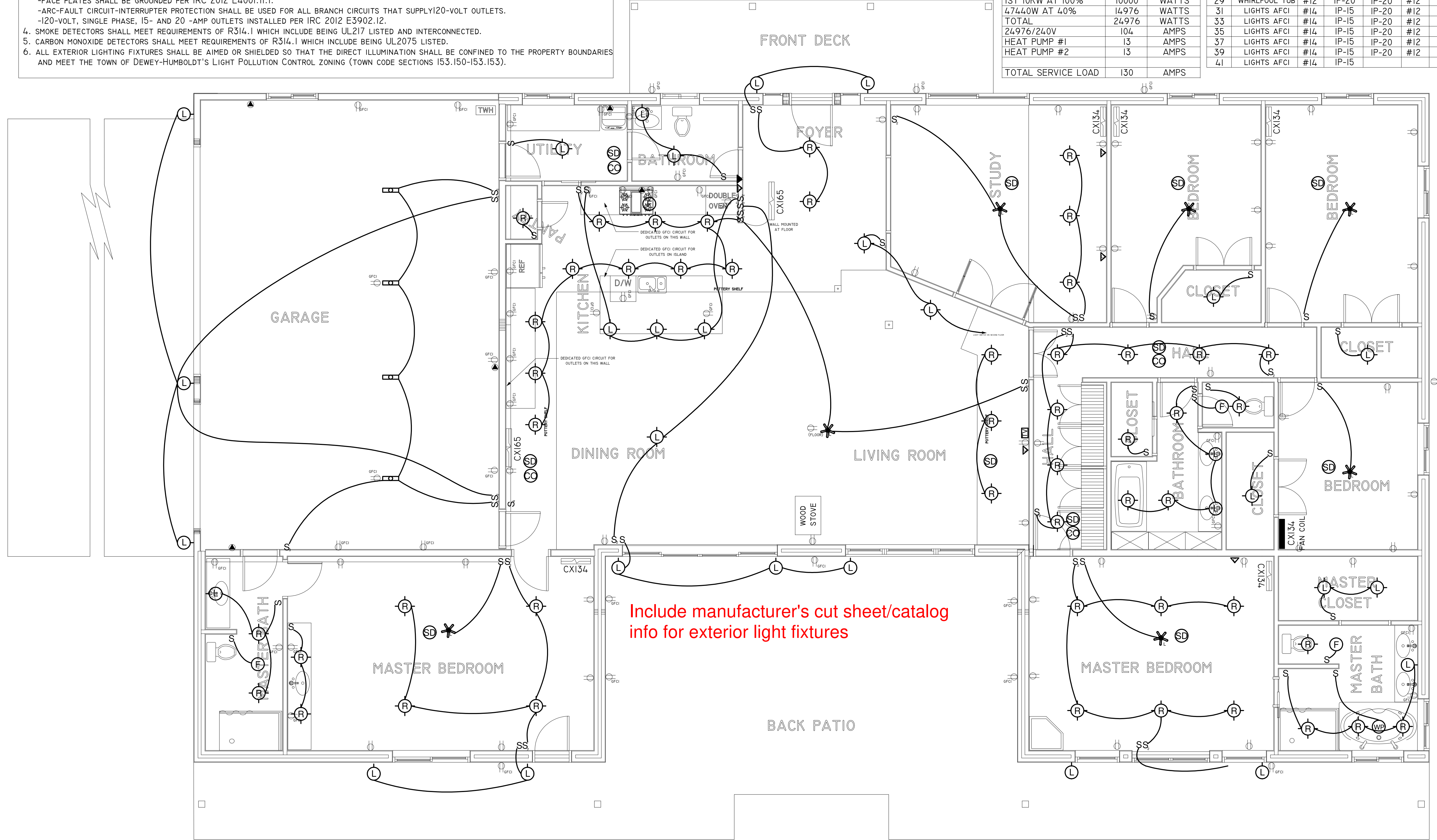
| | | |
|---------------------------|--------------|--------------|
| 3620 S.F x 3 WATTS | 15690 | WATTS |
| RANGE OVEN | 8000 | WATTS |
| ELEC DRYER | 5000 | WATTS |
| JET TUB | 1500 | WATTS |
| BATH GFCI X2 | 3000 | WATTS |
| DOOR MOTOR | 1500 | WATTS |
| DUCTLESS FANS | 3000 | WATTS |
| CLOTHES WASHER | 1500 | WATTS |
| LAUNDRY | 1500 | WATTS |
| APPLIANCE X2 | 3000 | WATTS |
| REFRIGERATOR | 1500 | WATTS |
| DW/DISPOSAL | 2250 | WATTS |
| TOTAL | 47440 | WATTS |
| IST 10KW AT 100% | 10000 | WATTS |
| 47440W AT 40% | 14976 | WATTS |
| TOTAL | 24976 | WATTS |
| 24976/240V | 104 | AMPS |
| HEAT PUMP #1 | 13 | AMPS |
| HEAT PUMP #2 | 13 | AMPS |
| TOTAL SERVICE LOAD | 130 | AMPS |

PANEL SCHEDULE
400 AMP MB PANEL 120/240 V IPH, 3W

| CRKT | DESCRIPTION | WIRE | BRK | BKR | WIRE | DESCRIPTION | CRKT |
|------|---------------|------|--------|-------|------|-------------|------|
| 1 | SUB PNL, SHOP | #2 | 2P-200 | IP-20 | #12 | BATH GFCI | 2 |
| 3 | SUB PNL, SHOP | #2 | 2P-200 | IP-20 | #12 | BATH GFCI | 4 |
| 5 | 2 TON HP #1 | #12 | 2P-200 | IP-20 | #12 | BATH GFCI | 6 |
| 7 | 2 TON HP #1 | #12 | 2P-200 | IP-20 | #12 | BATH GFCI | 8 |
| 9 | 2 TON HP #2 | #12 | 2P-200 | IP-20 | #12 | GARAGE GFCI | 10 |
| 11 | 2 TON HP #2 | #12 | 2P-200 | IP-20 | #12 | GARAGE GFCI | 12 |
| 13 | OVEN | #6 | 2P-50 | IP-20 | #12 | KITCHEN | 14 |
| 15 | OVEN | #6 | 2P-50 | IP-20 | #12 | KITCHEN | 16 |
| 17 | GARAGE 220 | #6 | 2P-50 | IP-20 | #12 | KITCHEN | 18 |
| 19 | GARAGE 220 | #6 | 2P-50 | IP-20 | #12 | DW/DISPOSAL | 20 |
| 21 | DRYER | #10 | 2P-30 | IP-20 | #12 | REC AFCI | 22 |
| 23 | DRYER | #10 | 2P-30 | IP-20 | #12 | REC AFCI | 24 |
| 25 | FAN COILS | #12 | IP-20 | IP-20 | #12 | REC AFCI | 26 |
| 27 | FAN COILS | #12 | IP-20 | IP-20 | #12 | REC AFCI | 28 |
| 29 | WHIRLPOOL TUB | #12 | IP-20 | IP-20 | #12 | REC AFCI | 30 |
| 31 | LIGHTS AFCI | #14 | IP-15 | IP-20 | #12 | REC AFCI | 32 |
| 33 | LIGHTS AFCI | #14 | IP-15 | IP-20 | #12 | REC AFCI | 34 |
| 35 | LIGHTS AFCI | #14 | IP-15 | IP-20 | #12 | REC AFCI | 36 |
| 37 | LIGHTS AFCI | #14 | IP-15 | IP-20 | #12 | EXT GFCI | 38 |
| 39 | LIGHTS AFCI | #14 | IP-15 | IP-20 | #12 | EXT GFCI | 40 |
| 41 | LIGHTS AFCI | #14 | IP-15 | IP-20 | #12 | EXT GFCI | 40 |

General Notes

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |
| | | |
| | | |



Include manufacturer's cut sheet/catalog info for exterior light fixtures

HEAT PUMP DETAIL
CHILTRIX INC.
MODEL: CX34
2 TONS COOLING / 3 TONS HEATING
HP LV COOLING 26,615 BTU COP 6.75 EI
HP LV COOLING 30,615 BTU COP 9.0 EI
HEATING 33,815 BTU COP 3.92
WWW.CHILTRIX.COM

HEAT PUMP #1
CX34-CHILLER HEAT PUMP
220V 15A

HEAT PUMP #2
CX34-CHILLER HEAT PUMP
220V 15A

ELECTRICAL PLAN

ELECTRICAL PLAN

GOLDENSTEIN RESIDENCE
 10685 E ROCKY HILL RD
 DEWEY, AZ 86327

| | |
|------------------------------|-------|
| Drawn By ADAM GOLDENSTEIN | Sheet |
| Date 3/23/2018 | EI.01 |
| Scale 1/4" = 1'-0" | |