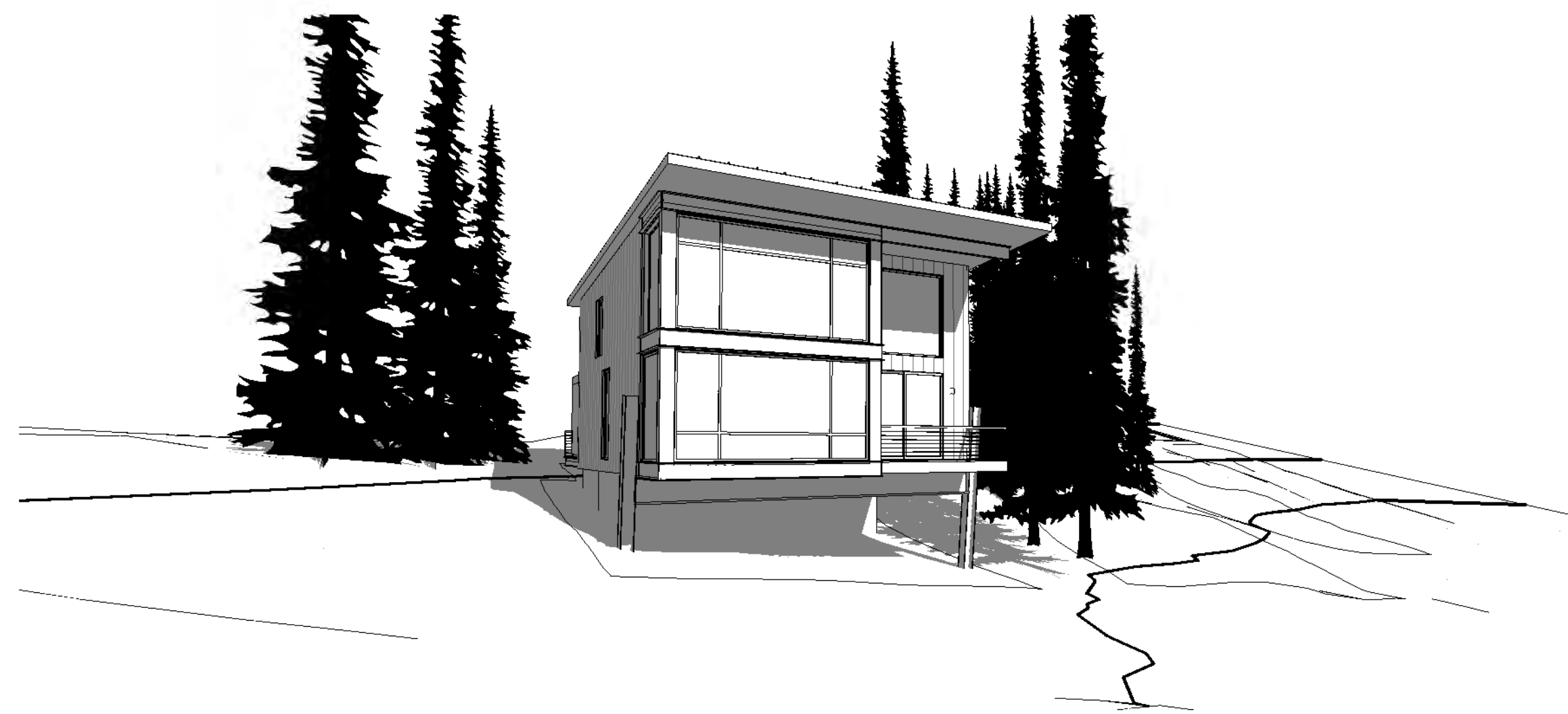


RIDGE NEST - LOT 4

SUMMIT POWDER MOUNTAIN, UTAH 84310



GENERAL NOTES

- ALL WORK TO BE DONE SHALL BE IN COMPLIANCE OF THE 2012 IRC. GENERAL CONTRACTORS SHALL COMPLY WITH ALL LOCAL BUILDING CODES AND ORDINANCES GOVERNING THIS WORK. CONTRACTORS SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE CONTINUING WITH THE WORK.
- GENERAL CONTRACTOR SHALL CLOSELY COORDINATE ALL TRADES TO EXPEDITE CONSTRUCTION AND ENFORCE THE HIGHEST QUALITY OF WORKMANSHIP OF THE INVOLVED TRADES.
- DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS. DO NOT SCALE THE DRAWINGS.
- ALL DIMENSIONS GIVEN ARE TO FACE OF STUD UNLESS OTHERWISE NOTED ON PLANS.
- MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION OF ALL MATERIALS AND EQUIPMENT SHALL BE FOLLOWED.
- SUB-CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL PORTIONS OF THE WORK INCLUDING DRAWINGS, SPECIFICATIONS AND ADDENDUMS.
- SUB-CONTRACTORS SHALL NOT PREPARE BIDS FROM PARTIAL SETS OF DRAWINGS.
- CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS FOR CLARIFICATION. OTHERWISE THE CONTRACTOR SHALL ASSUME THE MOST RESTRICTIVE AND/OR COSTLY ALTERNATIVE.
- CONTRACTOR TO COORDINATE ALL WORK WITH OWNERS VENDORS. SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTORS WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND OR COORDINATION.

BERTOLDI ARCHITECTS
ARCHITECTURE • PLANNING • INTERIORS
2726 HARRISON BLVD. OGDEN, UTAH 84403 PH. 801.476.4330 FX. 801.476.4331

RIDGE NEST - LOT 4
SUMMIT POWDER MOUNTAIN
UTAH 84310

CODE SUMMARY	
ZONE: PRUD	FV-1
HOMESITE NUMBER:	4
SUMMIT POWDER MOUNTAIN ARC AREA CALCULATIONS	
TOTAL SQUARE FOOTAGE:	
MAIN LEVEL	878 SQ. FT.
LOFT LEVEL	403 SQ. FT.
TOTAL	1,281 SQ. FT.
BUILDING HEIGHT:	
ALLOWABLE:	35'-0" ABOVE EXISTING GRADE
APPLICABLE CODES:	
INTERNATIONAL RESIDENTIAL CODE	2012
INTERNATIONAL PLUMBING CODE	2012
INTERNATIONAL ENERGY CONS. CODE	2012
NATIONAL ELECTRIC CODE	2011
SPRINKLER SYSTEM:	YES 13R
FIRE PROTECTION: PROVIDE NFPA 13R FIRE PROTECTION SYSTEM THROUGHOUT STRUCTURE. ALL HEADS ARE TO BE CONCEALED TYPE AND COVERS ARE TO BE PAINTED TO MATCH ADJACENT SURFACE. LOCATION OF ALL HEADS ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.	
SWPPP COVERED UNDER THE CURRENT "RIDGE NEST" PRUD SUBMITTAL DATED 12-20-2013.	

PROJECT DIRECTORY	
OWNER:	EVAN MENDELSON & NICK MORTON
ARCHITECT:	BERTOLDI ARCHITECTS 2726 HARRISON BLD. OGDEN, UTAH 84403 801.476.4330
STRUCTURAL:	LEI 3302 NORTH MAIN STREET SPANISH FORK, UTAH 84660 801.798.0555
CONTRACTOR:	WATTS ENTERPRISES 5200 SOUTH HIGHLAND DRIVE #101 HOLLADAY, UTAH 84117 801.272.7111

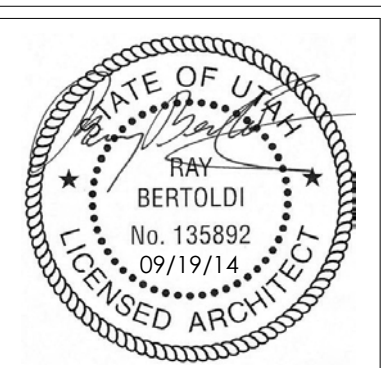
STANDARD ABBREVIATIONS			
#	NUMBER	MECH.	MECHANICAL
@	AT	MFR.	MANUFACTURER
A.F.F.	ABOVE FINISHED FLOOR	MIN.	MINIMUM
ALUM.	ALUMINUM	MISC.	MISCELLANEOUS
APPROX.	APPROXIMATELY	MTL.	METAL
ARCH.	ARCHITECT/ARCHITECTURAL	N.I.C.	NOT IN CONTRACT
BLDG.	BUILDING	O.C.	ON CENTER
B.O.	BOTTOM OF	O.H.	OVERHEAD
C.M.U.	CONCRETE MASONRY UNIT	OPP.	OPPOSITE
COL.	COLUMN	PNT.	PAINT
CONC.	CONCRETE	PRE-FIN.	PRE-FINISHED
CONST.	CONSTRUCTION	PROJ.	PROJECT
CONT.	CONTINUOUS	QTY.	QUANTITY
COORD.	COORDINATE	RAD.	RADIUS
DET.	DETAIL	REQ.	REQUIRED
DIA.	DIAMETER	RM.	ROOM
DWGS.	DRAWINGS	SCHED.	SCHEDULE
ELECT.	ELECTRICAL	SHT.	SHEET
EQ.	EQUAL	SIM.	SIMILAR
EXIST.	EXISTING	SPEC.	SPECIFICATIONS
EXT.	EXTERIOR	STRUCT.	STRUCTURAL
FDN.	FOUNDATION	S.F.	SQUARE FEET
F.F.	FINISH FLOOR	SQ. FT.	SQUARE FEET
F.V.	FIELD VERIFY	T.O.	TOP OF
GW.B.	GYPSON WALL BOARD	T.O.F.	TOP OF FOOTING
H.M.	HOLLOW METAL	T.O.S.	TOP OF SLAB
HT.	HEIGHT	T.O.W.	TOP OF WALL
HVAC	HEATING/VENTILATION/AIR CONDITIONING	TYP.	TYPICAL
INSUL.	INSULATE	TMF	THERMOFUSED MELAMINE
INT.	INTERIOR	U.N.O.	UNLESS NOTED OTHERWISE
IBC.	INTERNATIONAL BUILDING CODE	VCT	VINYL COMPOSITION TILE
LT. WT.	LIGHT WEIGHT	VEST.	VESTIBULE
MAINT.	MAINTENANCE	W/	WITH
MAX.	MAXIMUM	WD	WOOD
MAT.	MATERIAL		

SHEET LIST	
GENERAL	
AG-001	COVER SHEET
LANDSCAPE	
AS-101	SITE SURVEY
AS-102	BUILDING ENVELOPE / UTILITY PLAN
AS-103	GRADING PLAN
LP-101	LANDSCAPE PLAN
LP-102	PLANT MATERIALS
ARCHITECTURE	
AE-100	FOUNDATION PLAN
AE-101	MAIN AND LOFT LEVEL PLANS
AE-102	ROOF PLAN
AE-111	MAIN AND LOFT LEVEL REFLECTED CEILING PLANS
AE-121	MAIN AND LOFT LEVEL LIGHTING PLANS
AE-131	MAIN AND LOFT LEVEL POWER PLANS
AE-141	MAIN AND LOFT LEVEL HVAC PLANS
AE-201	EXTERIOR ELEVATIONS
AE-202	EXTERIOR ELEVATIONS
AE-301	BUILDING SECTIONS
AE-311	WALL SECTIONS
AE-321	DETAILS
AE-411	STAIR PLAN AND SECTIONS
AE-521	OPENING DETAILS
AE-601	OPENING SCHEDULE
AE-602	OPENING TYPES
AI-101	MAIN AND LOFT LEVEL FINISH PLAN
AI-401	INTERIOR ELEVATIONS
AI-402	INTERIOR ELEVATIONS
AI-403	INTERIOR ELEVATIONS
AI-601	FINISH SCHEDULE AND SPECIFICATIONS
STRUCTURAL	
SN.0	STRUCTURAL NOTES
S1.0	FOOTING & FOUNDATION PLAN
S2.0	MAIN / LOFT SHEAR PLAN
S3.0	MAIN / LOFT FRAMING PLAN
S3.1	ROOF FRAMING PLAN
S4.0	STRUCTURAL DETAILS
S4.1	STRUCTURAL DETAILS
S4.2	UPPER FLOOR SHEAR PLAN



STANDARD SYMBOLS			
ELEVATION MARKER	Name Elevation	DETAIL MARKER	1 A101
EXTERIOR ELEVATION	A101	ROOM MARKER	Room name 101
INTERIOR ELEVATION	1 Ref A101 1 Ref	CEILING MARKER	11 1'-0"
SECTION MARKER	1 A101	DOOR MARKER	101
		WINDOW MARKER	11
		WALL TYPE MARKER	1A
		KEYNOTE MARKER	?

MAKE CORRECTIONS
Weber Fire District
10/09/2014 9:02:45 AM

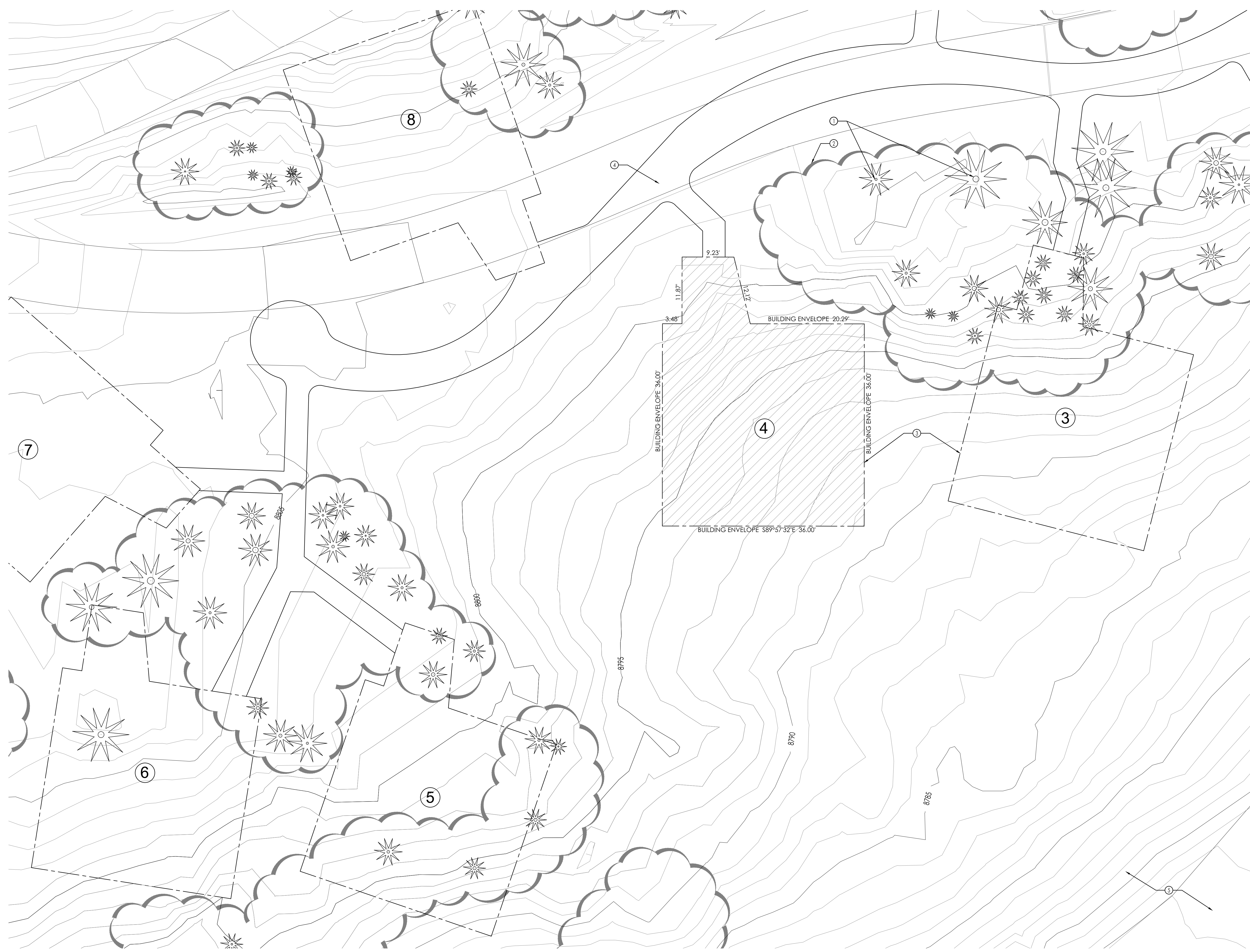


REV.	DATE

PROJECT # 1405
DATE: 09/19/14
TITLE:
COVER SHEET
SHEET:
AG-001

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



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

KEYED NOTES

1. EXISTING TREES, TYP. (NONE REMOVED)
2. EXISTING BRUSH, TYP.
3. PLATTED RIDGE NEST DEVELOPMENT ENVELOPE, TYP.
4. RIDGE NEST ACCESS, TYP. (BY DEVELOPER)
5. PROPOSED LOCATION OF BERM/BUFFER (BY DEVELOPER)

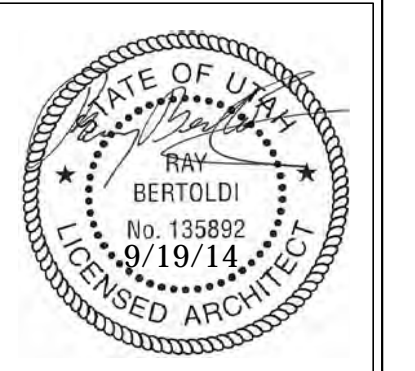
RIDGE NEST LOT NUMBER

SWPPP

SWPPP COVERED UNDER THE CURRENT
'RIDGE NEST' PRUD SUBMITTAL DATED
12-20-2013.

BERTOLDI ARCHITECTS
ARCHITECTURE • PLANNING • INTERIORS
2726 HARRISON BLVD. OGDEN, UT PH. 801.476.4330

RIDGE NEST - LOT 4
SUMMIT POWDER MOUNTAIN
POWDER MOUNTAIN, UTAH



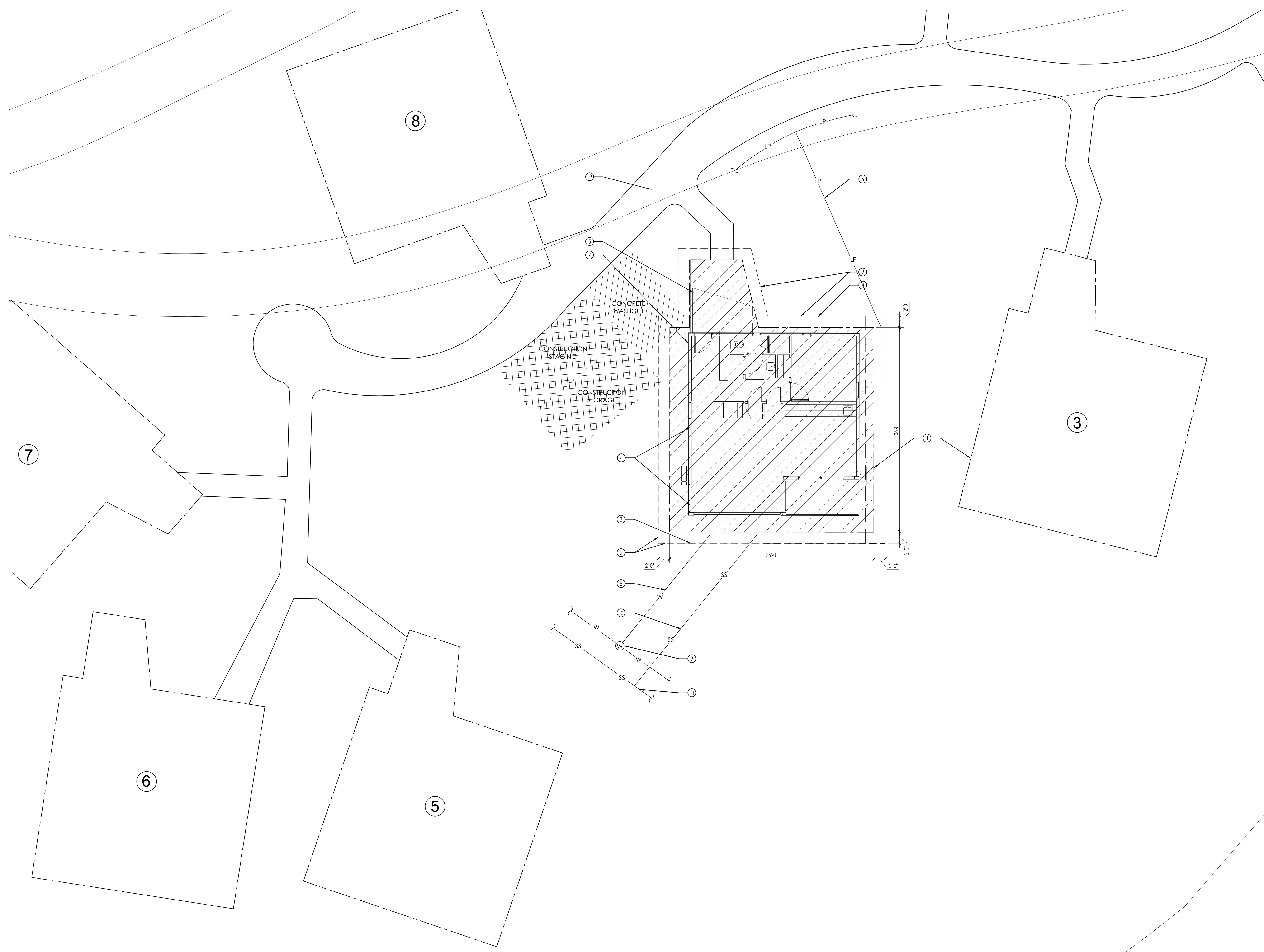
REV.	DATE

PROJECT # 1405
DATE: 9/19/14
TITLE:
SITE SURVEY

SHEET:

AS-101

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS © 2014



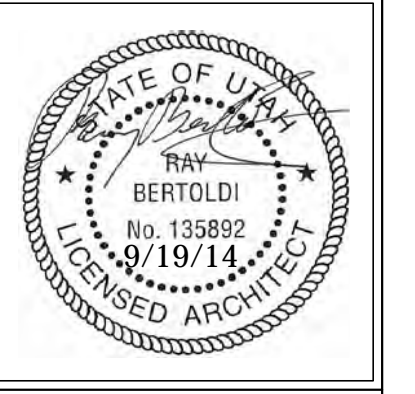
- KEYED NOTES**
1. PLATTED RIDGE NEST DEVELOPMENT ENVELOPE, TYP.
 2. ALLOWABLE 2' ROOF PROJECTION BEYOND DEVELOPMENT ENVELOPE
 3. ACTUAL ROOF PROJECTION
 4. PROPOSED STRUCTURE
 5. COVERED ENTRY PATIO/BRIDGE
 6. CONNECT TO COMMUNITY LP TANK FARM
 7. ELECTRICAL METER LOCATION: COORDINATE WITH ROCKY MOUNTAIN POWER
 8. 1 1/2" MIN. WATER LINE: COORDINATE WITH GOVERNING AGENCY, INSULATE PIPE IN CRAWL SPACE
 9. WATER METER: COORDINATE LOCATION WITH GOVERNING AGENCY
 10. 4" SANITARY SEWER LATERAL: INSULATE PIPE IN CRAWL SPACE
 11. SEWER MAIN: COORDINATE TIE-IN WITH GOVERNING AGENCY
 12. RIDGE NEST ACCESS, TYP. (BY DEVELOPER)

RIDGE NEST LOT NUMBER

SWPPP
 SWPPP COVERED UNDER THE CURRENT 'RIDGE NEST' PRUD SUBMITTAL DATED 12-20-2013.

BERTOLDI ARCHITECTS
 ARCHITECTURE • PLANNING • INTERIORS
 2726 HARRISON BLVD. OGDEN, UT PH. 801.476.4330

RIDGE NEST - LOT 4
 SUMMIT POWDER MOUNTAIN
 POWDER MOUNTAIN, UTAH



REV.	DATE

PROJECT # 1405
 DATE: 9/19/14
 TITLE:
 BUILDING ENVELOPE/
 UTILITY PLAN

SHEET:
AS-102

1 ENVELOPE/UTILITY PLAN
 SCALE: 1/8" = 1'-0"

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS. © 2014



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

KEYED NOTES

1. PLATTED RIDGE NEST DEVELOPMENT ENVELOPE, TYP.
2. RIDGE NEST ACCESS, TYP. (BY DEVELOPER)
3. PROPOSED LOCATION OF BERM/BUFFER (BY DEVELOPER)
4. NEW GRADE, TYP. (OPEN BENEATH ENTRY BRIDGE)
5. CONCRETE FOUNDATION WALL
6. COLUMN ON CONCRETE PIER

RIDGE NEST LOT NUMBER

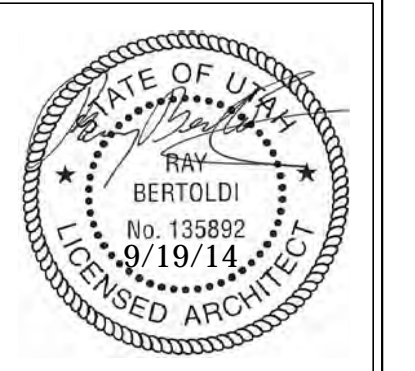
EXISTING GRADE ———
PROPOSED GRADE - - - - -

SWPPP

SWPPP COVERED UNDER THE CURRENT 'RIDGE NEST' PRUD SUBMITTAL DATED 12-20-2013.

BERTOLDI ARCHITECTS
ARCHITECTURE • PLANNING • INTERIORS
2726 HARRISON BLVD. OGDEN, UT PH. 801.476.4330

RIDGE NEST - LOT 4
SUMMIT POWDER MOUNTAIN
POWDER MOUNTAIN, UTAH



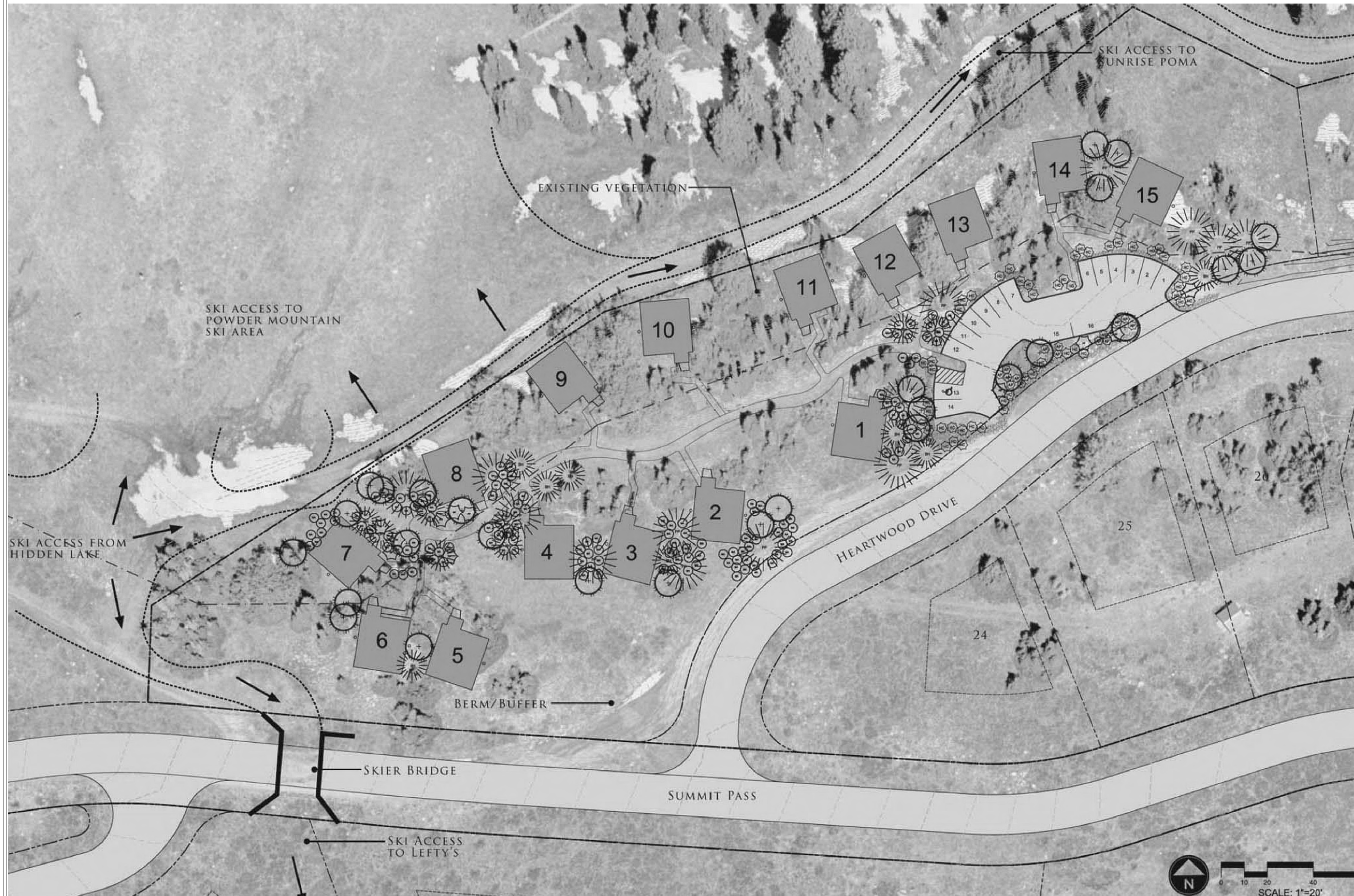
REV.	DATE

PROJECT # 1405
DATE: 9/19/14
TITLE:
GRADING PLAN

SHEET:

AS-103

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS. © 2014

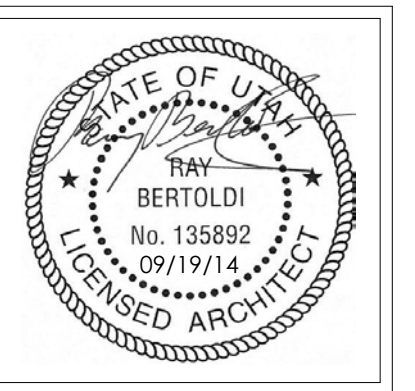


GENERAL NOTES

A. LANDSCAPING OUTSIDE BUILDING ENVELOPE IS TO BE BY DEVELOPER.

BERTOLDI ARCHITECTS
 ARCHITECTURE • PLANNING • INTERIORS
 2725 HARRISON BLVD. COODEN, UTAH 84403 PH. 801.476.4330 FX. 801.476.4335

RIDGE NEST - LOT 4
 SUMMIT POWDER MOUNTAIN
 UTAH 84310



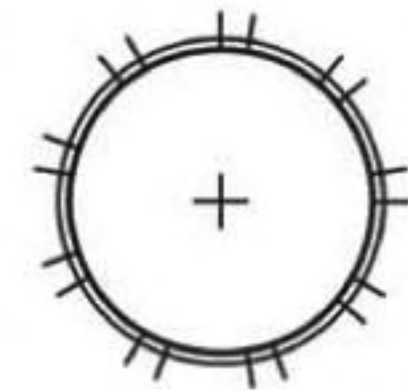
REV.	DATE

PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 LANDSCAPE PLAN

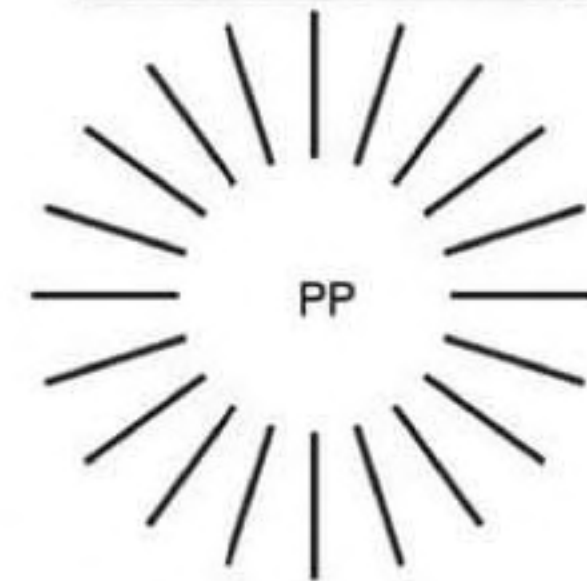
SHEET:
LP-101

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.

PLANT MATERIALS - TREES



ABIES LASIOCARPA
SUB-ALPINE FIR
-NATIVE & NARROW/STEEPLE SHAPED
EVERGREEN TREE EXCELLENT FOR
TIGHT SPACES.



PICEA PUNGENS
COLORADO SPRUCE
-NATIVE, GREEN TO BLUE-GREEN
EVERGREEN WITH STIFF, REGULAR,
HORIZONTAL BRANCHES THAT
FORMS A BROAD PYRAMID.



PICEA GLAUCA DENSATA - BLACK
HILLS SPRUCE
-MODERATE TO SLOW GROWING,
DENSE, PYRAMIDAL EVERGREEN TREE.
WITHSTANDS WIND, HEAT, DROUGHT
& COLD.

PLANT MATERIALS -SHRUBS



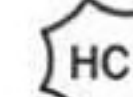
PICEA ABIES FORMANEK -
FROMANEK NORWAY
SPRUCE
-FORMS A DENSELY
SPREADING MATTED
CARPET.



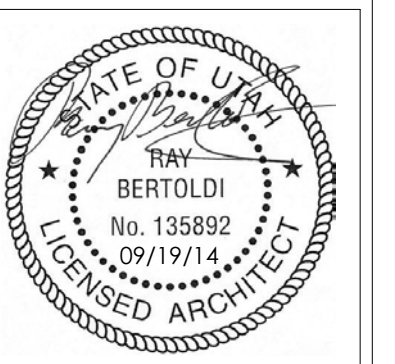
MAHONIA AQUIFOLUM -
OREGON GRAPE
-NATIVE, SLOW GROWING
BROAD LEAF EVERGREEN WITH
PURPLE FALL COLOR, YELLOW
SPRING FLOWERS YIELD BLUE
FRUIT.



PINUS SYLVESTRIS 'ALBYN
PROSTRATE' - ALBYN SPREADING
SCOTCH PINE
-VIGOROUS EVERGREEN MAKES
AN EXCELLENT GROUNDCOVER
THAT SPILLS OVER BANKS
AND RAMBLES THROUGH THE
LANDSCAPE.



PINUS SYLVESTRIS 'HILLSIDE
CREEPER' - HILLSIDE CREEPER
SCOTCH PINE
-CREEPING VERSION OF THE
SCOTCH PINE, BRIGHT GOLD
COLOR IN WINTER. EXCELLENT
FOR ROCK GARDENS.



REV.	DATE

PROJECT # 1405
DATE: 09/19/14
TITLE:
PLANT MATERIALS

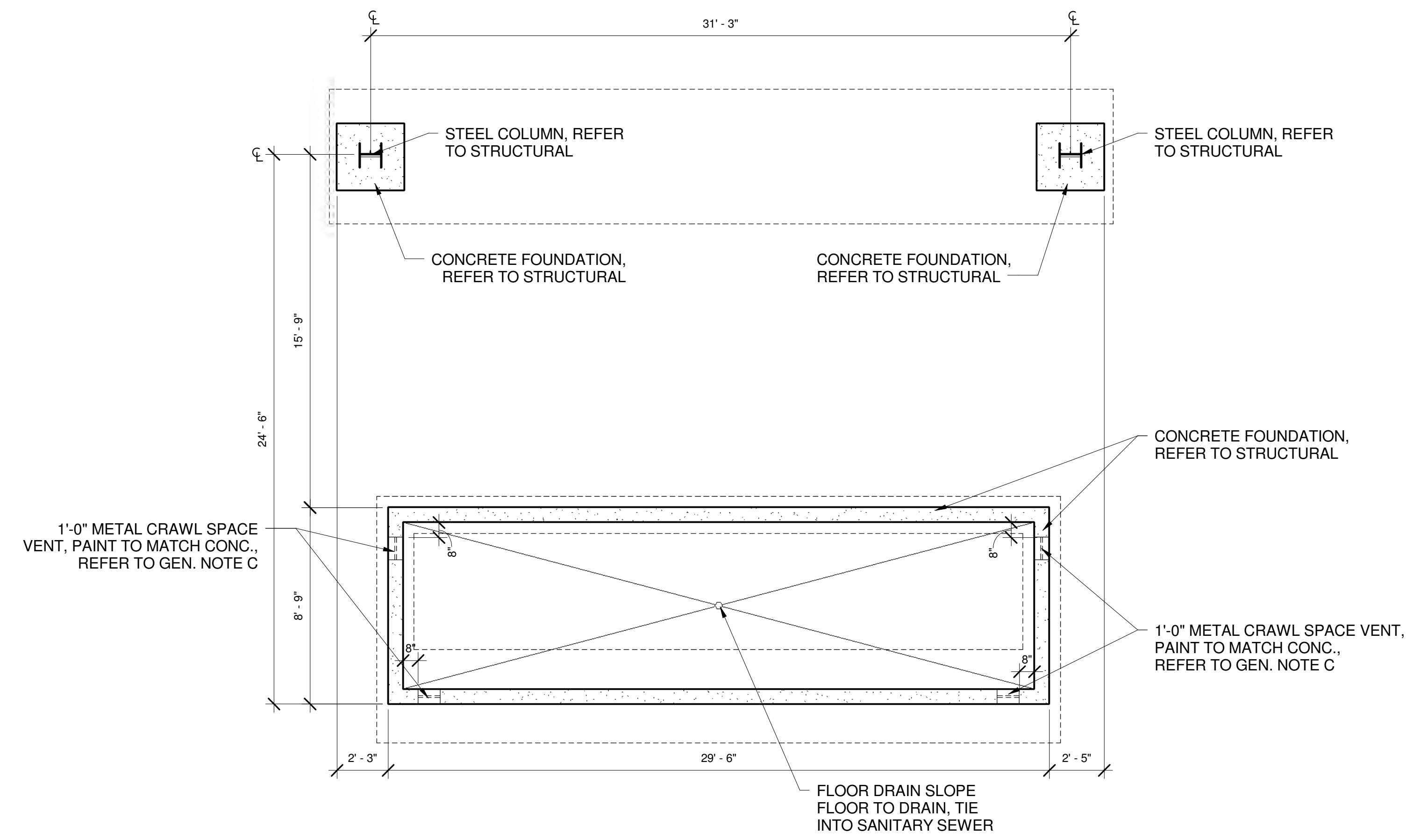
NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS © 2014

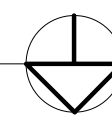
GENERAL NOTES

- A. DIMENSIONS ARE TO FACE OF FOUNDATION WALL.
- B. THIS PLAN IS FOR DIMENSIONAL & LAYOUT PURPOSES; COORDINATE W/ STRUCTURAL.
- C. THE MINIMUM NET AREA OF VENTILATION OPENINGS SHALL NOT BE LESS THAN 1 SQUARE FOOT FOR EACH 1500 SQUARE FEET OF UNDER-FLOOR SPACE AREA.

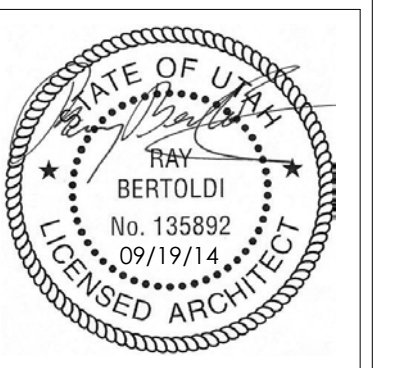
RIDGE NEST - LOT 4
 SUMMIT POWDER MOUNTAIN
 UTAH 84310



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



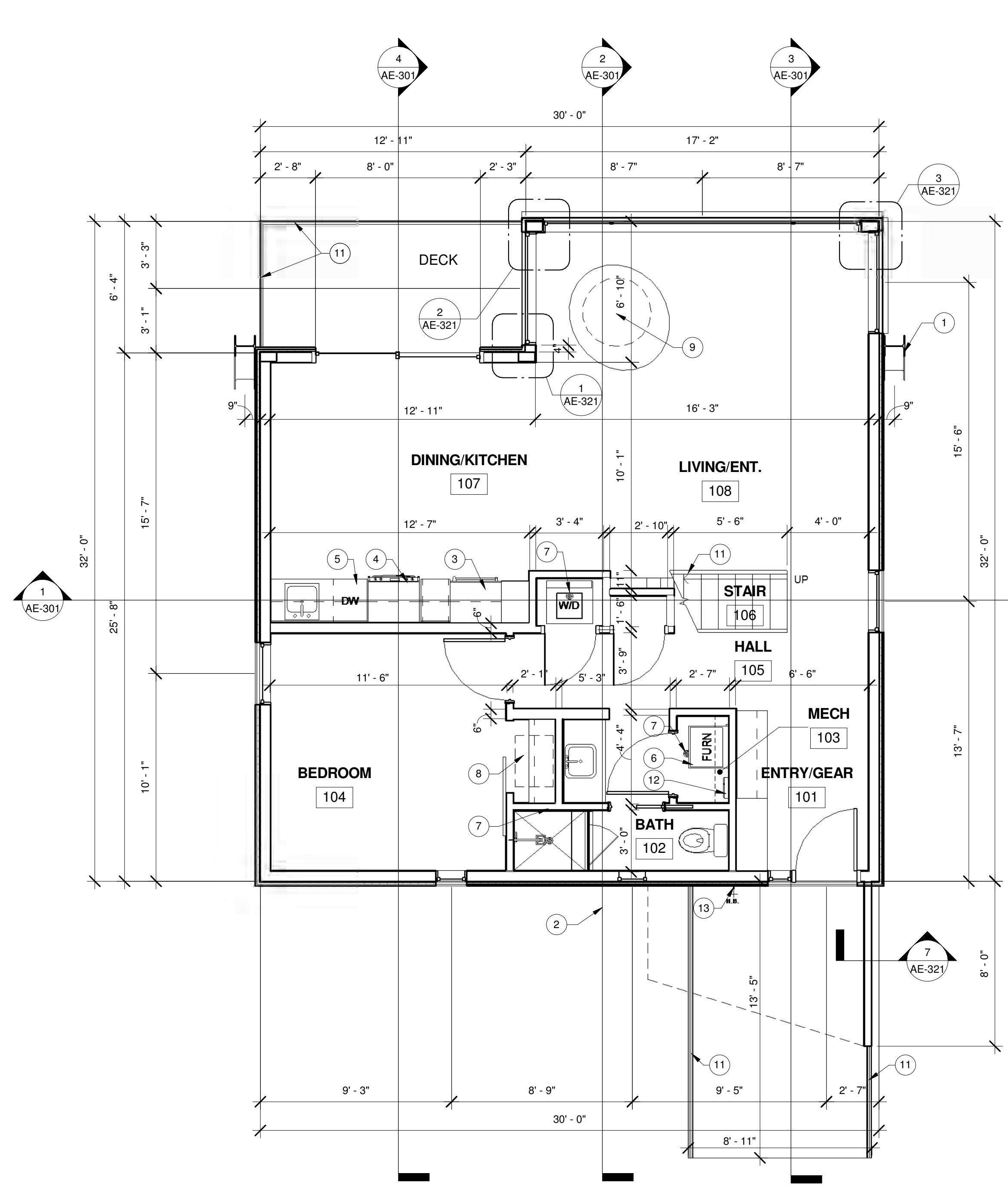
NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



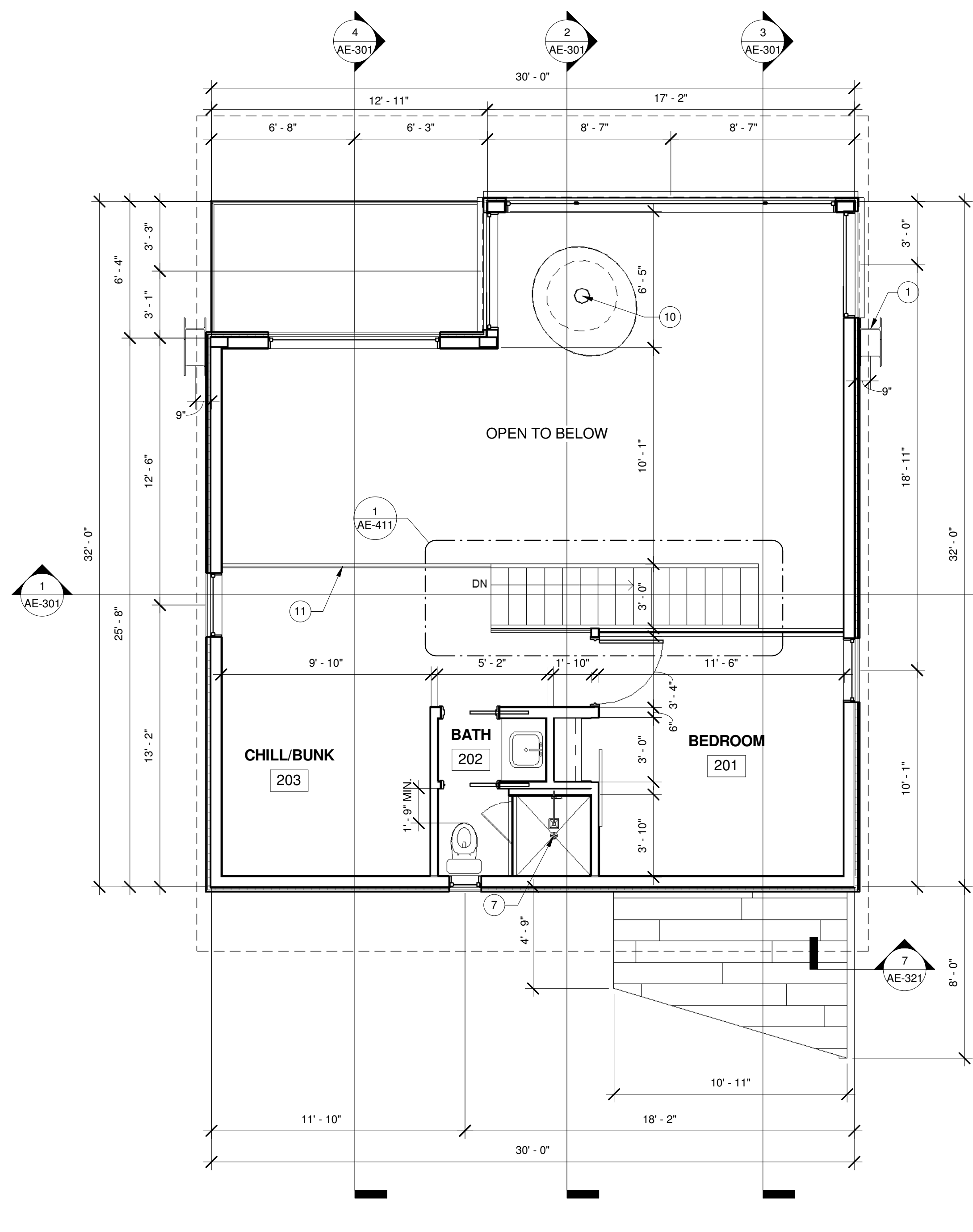
REV.	DATE

PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 FOUNDATION PLAN

SHEET:
AE-100



1 MAIN LEVEL PLAN
1/4" = 1'-0"



2 LOFT LEVEL PLAN
1/4" = 1'-0"

GENERAL NOTES

- A. ALL DIMENSIONS ARE TO ROUGH FRAMING, UNLESS OTHERWISE NOTED (U.N.O.)
- B. PROVIDE WATER RESISTANT GWB AT WET LOCATIONS.
- C. PROVIDE SOLID BLOCKING AS REQ'D FOR ART, CABINETS, FIXTURES, EQUIPMENT AND ACCESSORIES AS REQ'D BY EACH COMPONENTS MANUFACTURER, INCLUDING OWNERS ACCESSORIES AND EQUIPMENT.
- D. ALL DOORS SHALL BE INSTALLED 4" FROM WALL, U.N.O.
- E. REFER TO FINISH PLAN FOR INTERIOR ELEVATION REFERENCES.
- F. ALL INTERIOR WALLS TO BE WOOD STUDS WITH 1/2" GWB BOTH SIDES U.N.O.
- G. SOUND INSULATE ALL WALLS.
- H. FIREPLACE FLUES TO BE FRAMED WITH REQUIRED IRC CLEARANCES.

KEYED NOTES

- 1 STEEL COLUMN, PAINTED, REFER TO STRUCTURAL
- 2 ROOF OVERHANG
- 3 REFRIGERATOR/FREEZER
- 4 RANGE
- 5 DISHWASHER
- 6 FURNACE, PROVIDE A SINGLE DUCT FOR COMBUSTION AIR WITH A MIN. DUCT SIZE OF 1 SQ. IN. PER 3,000 BTU/HOUR INPUT. OPENING TO BE IN THE TOP 12" OF THE ROOM PER IRC G2407.6.2
- 7 FLOOR DRAIN
- 8 22"x30" CRAWL SPACE ACCESS
- 9 FIREPLACE
- 10 FIREPLACE FLUE
- 11 STEEL CABLE RAILING, REFER TO DETAIL 5/AE-411
- 12 TANKLESS WALL MOUNTED WATER HEATER
- 13 HOSE BIB

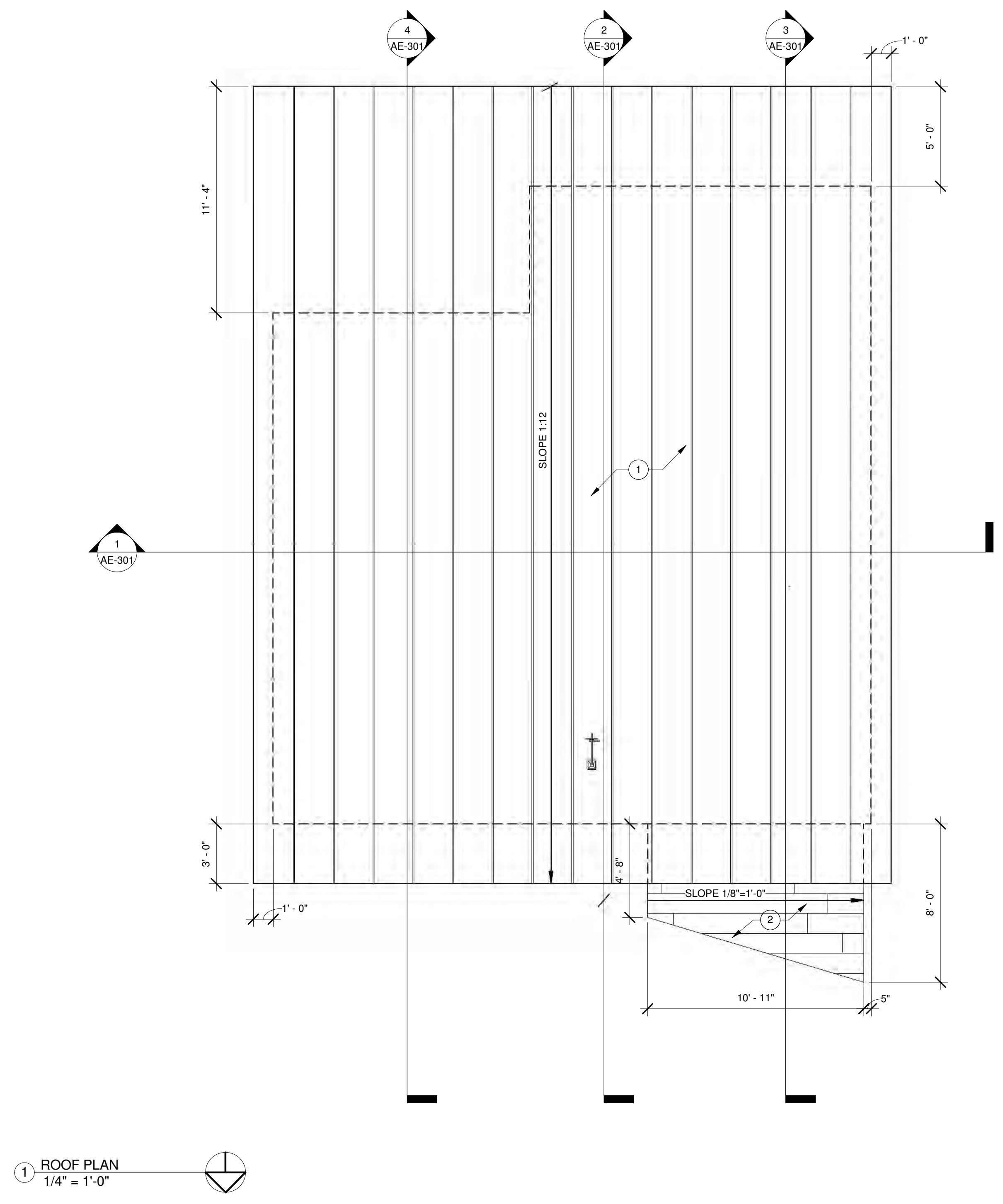


REV.	DATE

PROJECT # 1405
DATE: 09/19/14
TITLE:
MAIN AND LOFT LEVEL PLANS

SHEET:

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



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

GENERAL NOTES

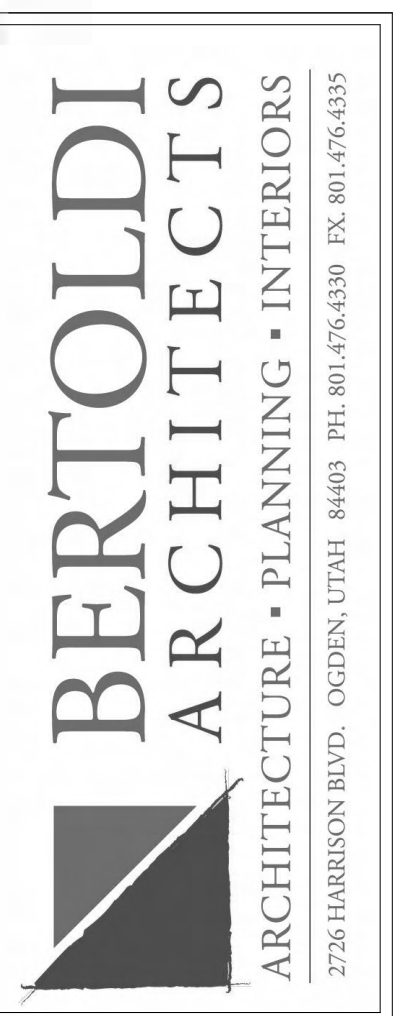
1. ALL ROOF VENT PENETRATIONS ARE TO BE PAINTED TO MATCH METAL PANELS.

KEYED NOTES

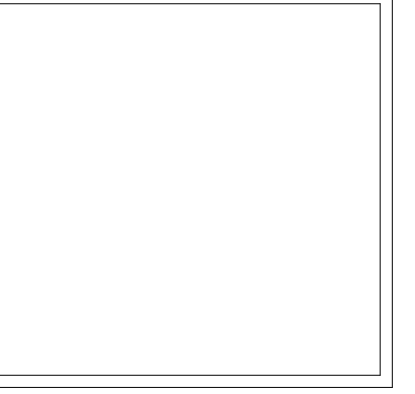
1. PRE-FINISHED, MECHANICALLY SEALED STANDING SEAM METAL ROOFING SYSTEM OVER HIGH TEMPERATURE ICE AND WATER SHIELD. ROOF IS TO HAVE A 20 YEAR WARRANTY
2. FLAT SEALED METAL PANELS OVER HIGH TEMPERATURE ICE AND WATER SHIELD. ROOF IS TO HAVE A 20 YEAR WARRANTY

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



RIDGE NEST - LOT 4
SUMMIT POWDER MOUNTAIN
UTAH 84310



REV.	DATE

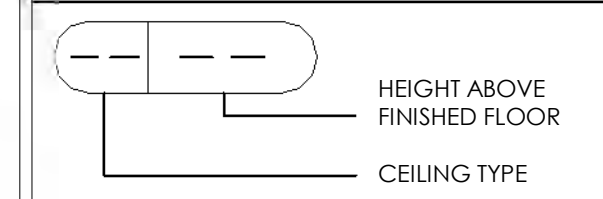
PROJECT # 1405
DATE: 09/19/14
TITLE:
ROOF PLAN

SHEET:
AE-102

GENERAL NOTES

- A. NOTED CEILING HEIGHTS ARE FROM DESIGNATED FINISH FLOOR ELEVATIONS.
- B. FIRE PROTECTION: PROVIDE 13R TYPE THROUGHOUT STRUCTURE. ALL HEADS ARE TO BE CONCEALED TYPE AND COVERS ARE TO BE PAINTED TO MATCH ADJACENT SURFACE. LOCATION OF ALL HEADS ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
- C. CEILING HEIGHTS ARE APPROXIMATE. REFER TO BUILDING SECTIONS FOR STRUCTURE BEARING HEIGHTS. COORDINATE EXACT INSTALLATION LOCATION/HEIGHT WITH ARCHITECT.
- D. PROVIDE SMOKE/FIRE ALARMS PER IRC.

LEGEND



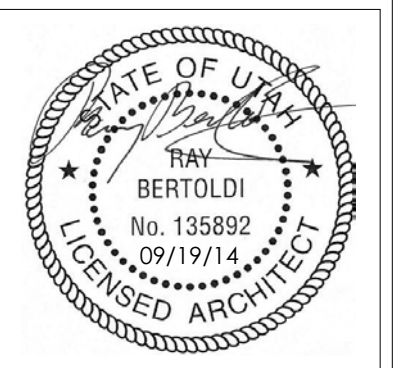
CEILING TYPES

- 1. 1/2" GWB ATTACHED TO STRUCTURE. PAINTED
- 2. TONGUE AND GROOVE CEDAR ATTACHED TO STRUCTURE
- 3. TONGUE AND GROOVE CEDAR SOFFIT
- 4. FLAT SEEMED METAL PANEL ATTACHED TO STRUCTURE

SYMBOL KEY

- SQUARE RECESSED, COOPER, LENSED CAN, OR SIMILAR
- LARGE SPICA PENDANT LIGHT - POWDER COATED WHITE. COORDINATE EXACT LOCATION W/ ARCHITECT ON SITE
- UNDER CABINET LIGHTING
- WATER PROOF FIXTURE
- ATLANTIS 1640SW
- INTERIOR WALL MOUNT LIGHT FIXTURE, 2342, 16-DIM-STILETTO
- STEP LIGHT ON STAIR RISER
- LED TAPE LIGHT
- 7008CSPAN2S-LED830
- CARBON MONOXIDE/SMOKE DETECTOR. DETECTORS SHALL BE INTERCONNECTED, HARDWIRED TO THE BUILDING POWER SUPPLY AND PROVIDED WITH BATTERY BACK-UP. LOCATIONS AND INSTALLATION ARE TO MEET IRC R314.4 AND R315.1 AND STATE AMENDMENTS

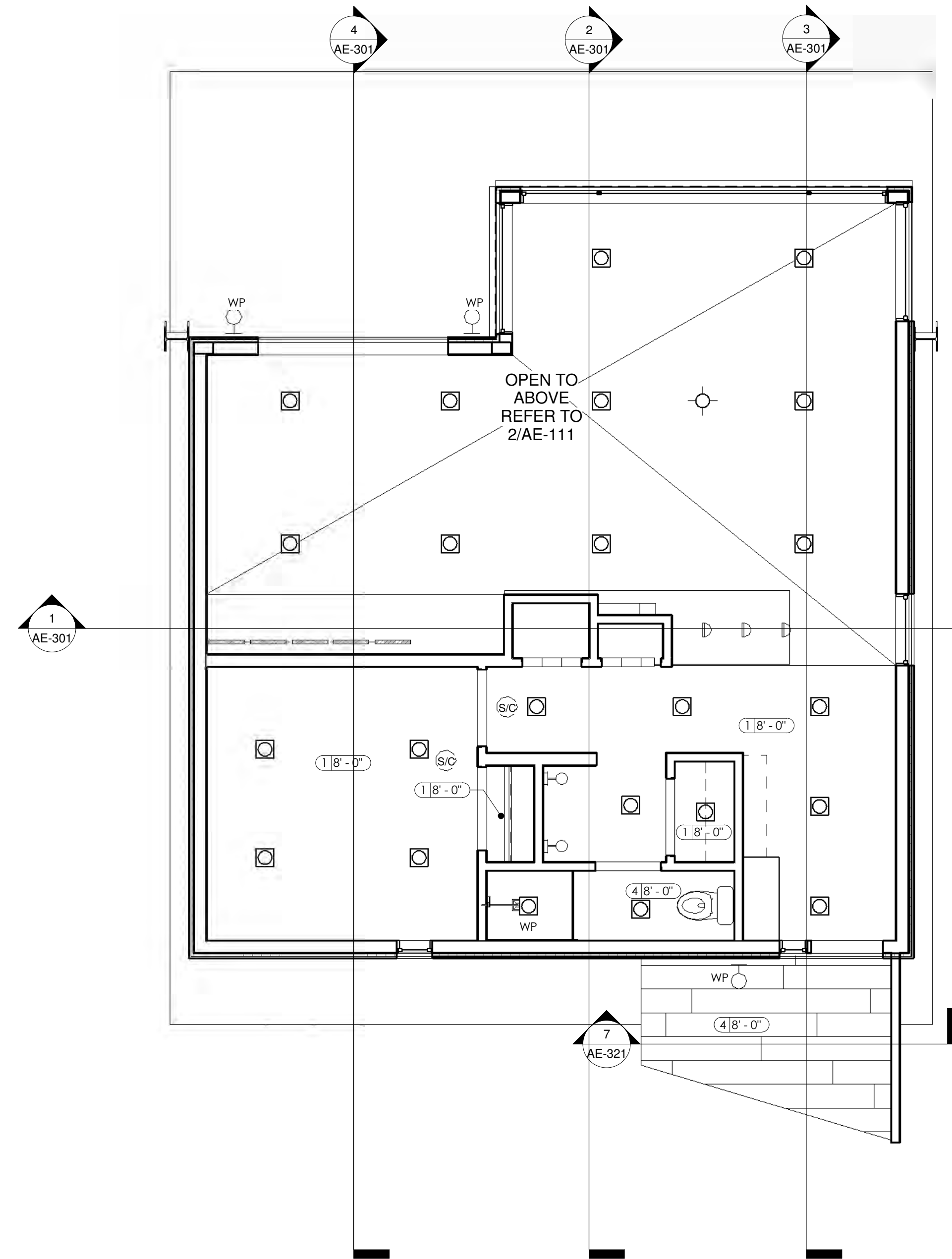
RIDGE NEST - LOT 4
 SUMMIT POWDER MOUNTAIN
 UTAH 84310



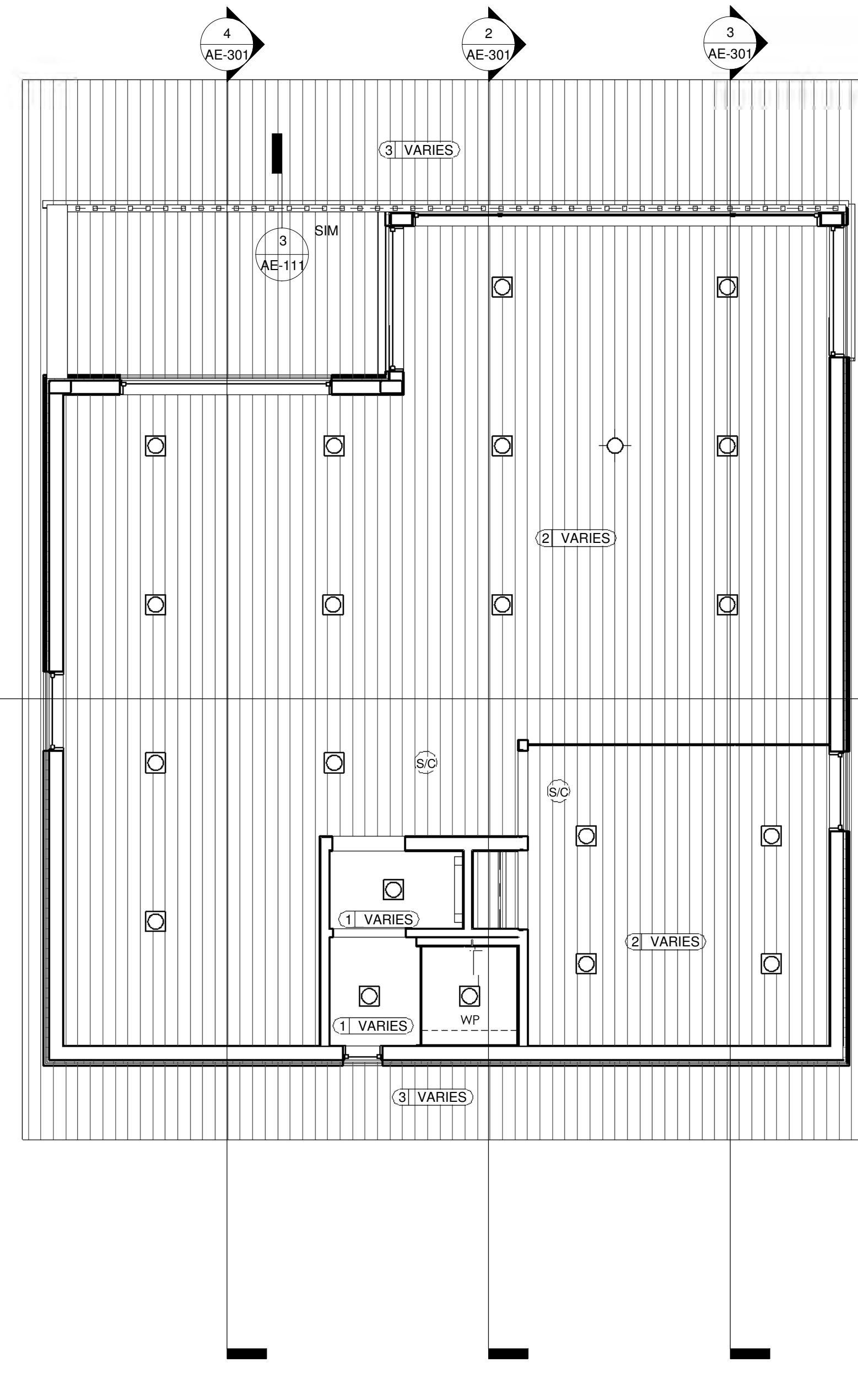
REV.	DATE

PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 MAIN AND LOFT
 LEVEL REFLECTED
 CEILING PLANS

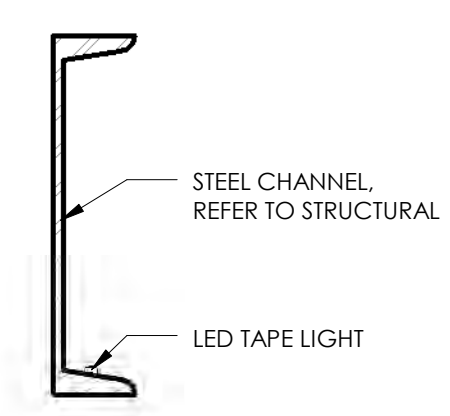
SHEET:
AE-111



1 MAIN LEVEL REFLECTED CEILING PLAN
 1/4" = 1'-0"



2 LOFT LEVEL REFLECTED CEILING PLAN
 1/4" = 1'-0"



3 CEILING DETAIL
 1 1/2" = 1'-0"

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014

GENERAL NOTES

- A. PROVIDE SMOKE/FIRE ALARMS PER IRC.
- B. ALL LIGHTS TO BE LED
- C. ALL LIGHT SWITCHES TO BE ROCKER TYPE.

SYMBOL KEY

- SQUARE RECESSED, COOPER, LENSED CAN, OR SIMILAR
- LARGE SPICA PENDANT LIGHT - POWDER COATED WHITE. COORDINATE EXACT LOCATION W/ ARCHITECT ON SITE
- UNDER CABINET LIGHTING
- WP WATER PROOF FIXTURE
- ATLANTIS 1640SW
- INTERIOR WALL MOUNT LIGHT FIXTURE, 2342.16-DIM-STILETO
- STEP LIGHT ON STAIR RISER
- LED TAPE LIGHT
- 7008CSPAN2S-LED830
- (SC) CARBON MONOXIDE/SMOKE DETECTOR. DETECTORS SHALL BE INTERCONNECTED, HARDWIRED TO THE BUILDING POWER SUPPLY AND PROVIDED WITH BATTERY BACK-UP. LOCATIONS AND INSTALLATION ARE TO MEET IRC R314.4 AND R315.1 AND STATE AMENDMENTS

KEYED NOTES

- 1 CRAWL SPACE LIGHT SWITCH, PROVIDE SINGLE CEILING MOUNTED FIXTURE IN CRAWL SPACE

RIDGE NEST - LOT 4
 SUMMIT POWDER MOUNTAIN
 UTAH 84310

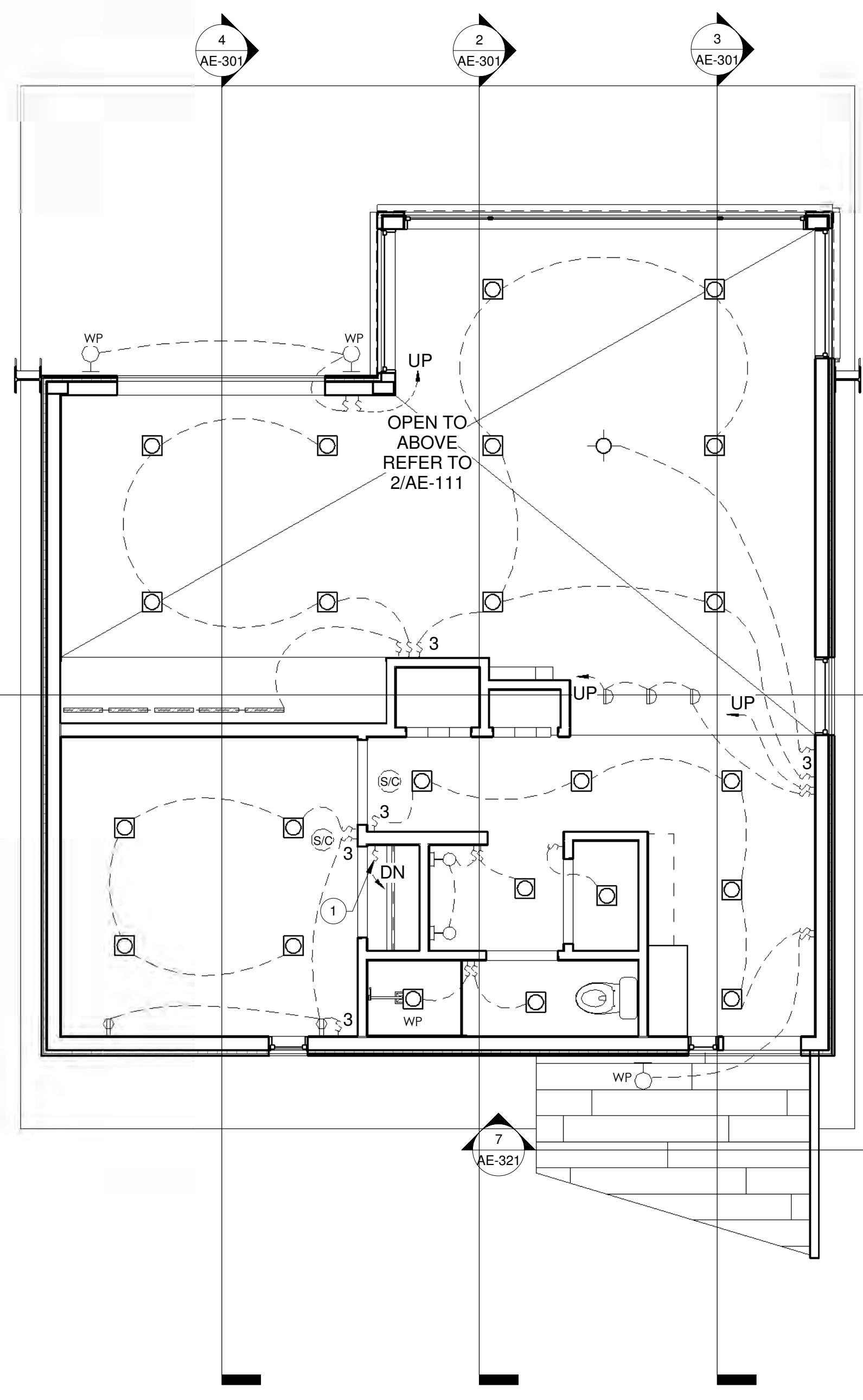


REV.	DATE

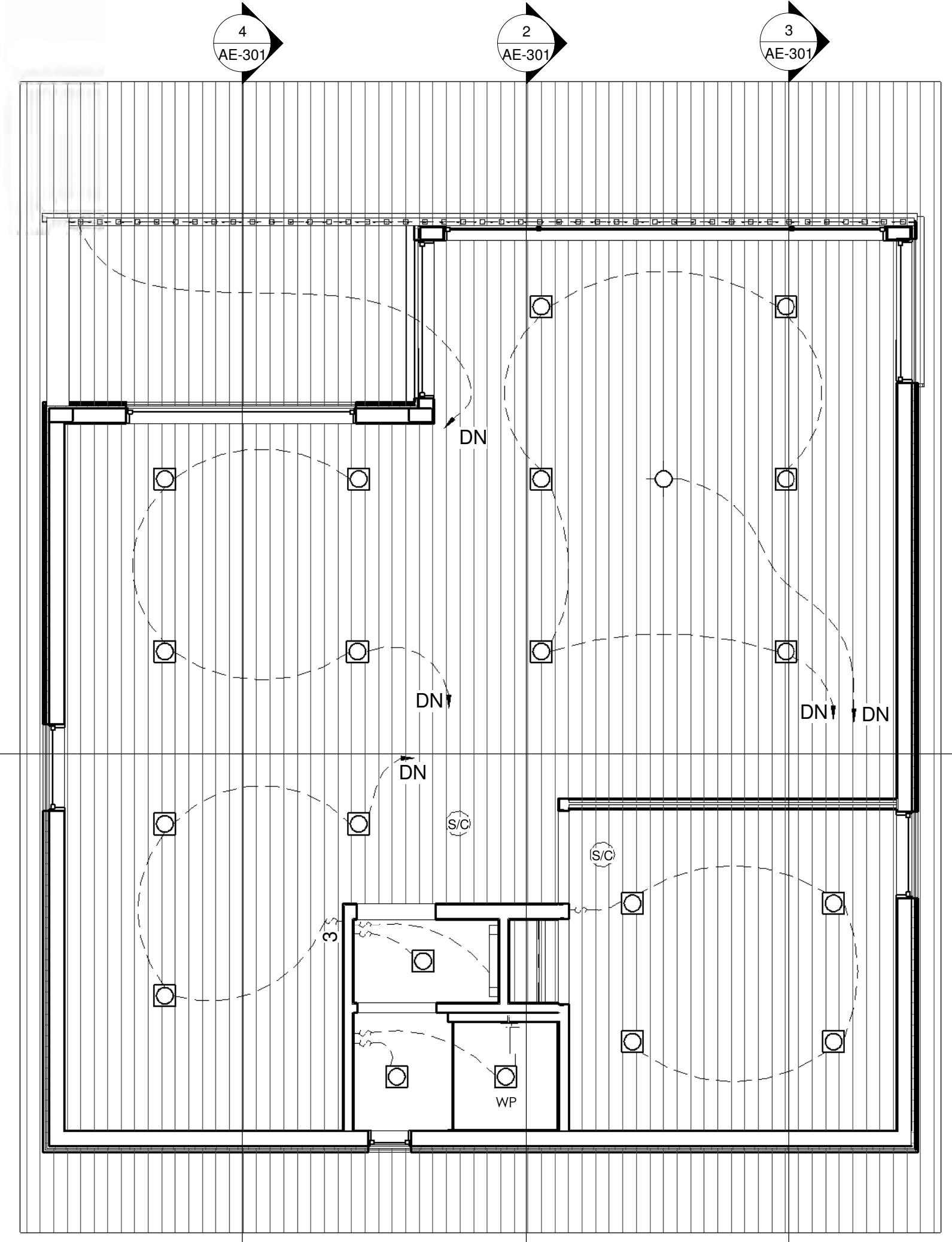
PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 MAIN AND LOFT LEVEL LIGHTING PLANS

SHEET:
AE-121

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



2 MAIN LEVEL LIGHTING PLAN
 1/4" = 1'-0"



1 LOFT LEVEL LIGHTING PLAN
 1/4" = 1'-0"

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014

GENERAL NOTES

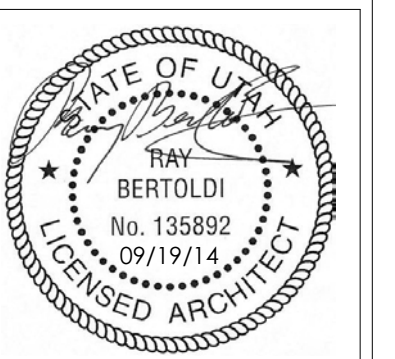
- A. ALL ELECTRICAL OUTLETS WILL BE (TR) TAMPER RESISTANT PER IRC 4002.14
- B. ALL ELECTRICAL CIRCUITS PROVIDING POWER TO BEDROOMS SHALL BE PROVIDED WITH ARC-FAULT CIRCUIT INTERRUPTERS AS REQUIRED BY IRC E3902.1 (AS AMENDED BY THE STATE OF UTAH)
- C. VERIFY THAT SPACING OF ALL OUTLETS MEET IRC 3901.2.1
- D. ALL EXTERIOR OUTLETS MUST BE GFCI PROTECTED (IRC E3902)
- E. ALL OUTLETS SERVING KITCHEN TO BE GFCI PROTECTED PER IRC E3902.6.

SYMBOL KEY

- ⊕ OUTLET
- ⊕_{GFCI} GFCI OUTLET AT 42" A.F.F.
- ⊕_{GFCI} GFCI PROTECTED OUTLET
- DW DISH WASHER OUTLET
- ⊕₄ FOUR PLEX OUTLET
- ⊕_{D/T} DATA/TELEPHONE
- ⊕_{T.V.} TELEVISION CONNECTION
- ⊕_{GBC} GARBAGE DISPOSAL
- ⊕_{220V} 220V OUTLET
- F.B. FLOOR BOX OUTLET. VERIFY FINAL LOCATION W/ OWNER/ARCHITECT

KEYED NOTES

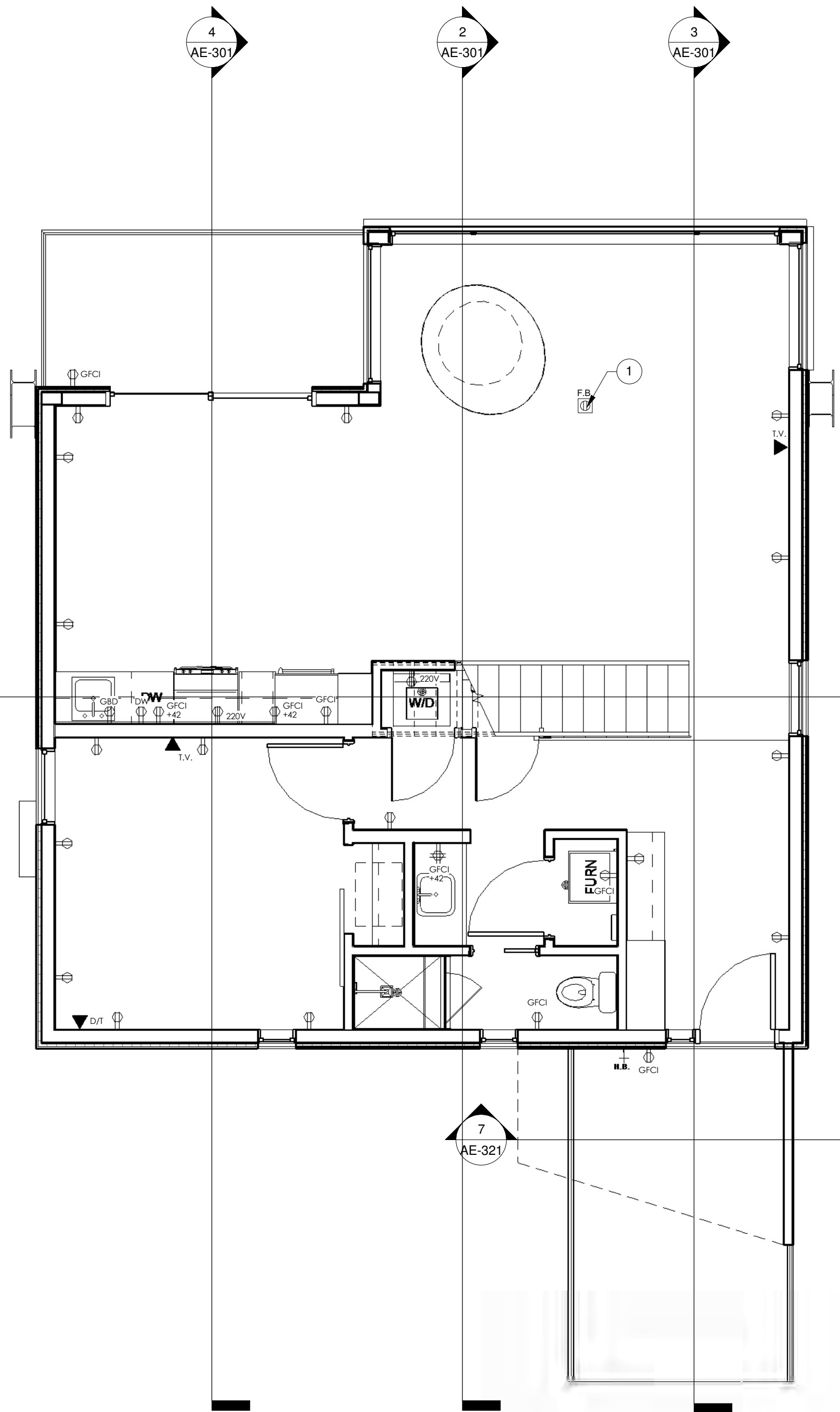
- 1 COORDINATE EXACT LOCATION W/ ARCHITECT ON SITE



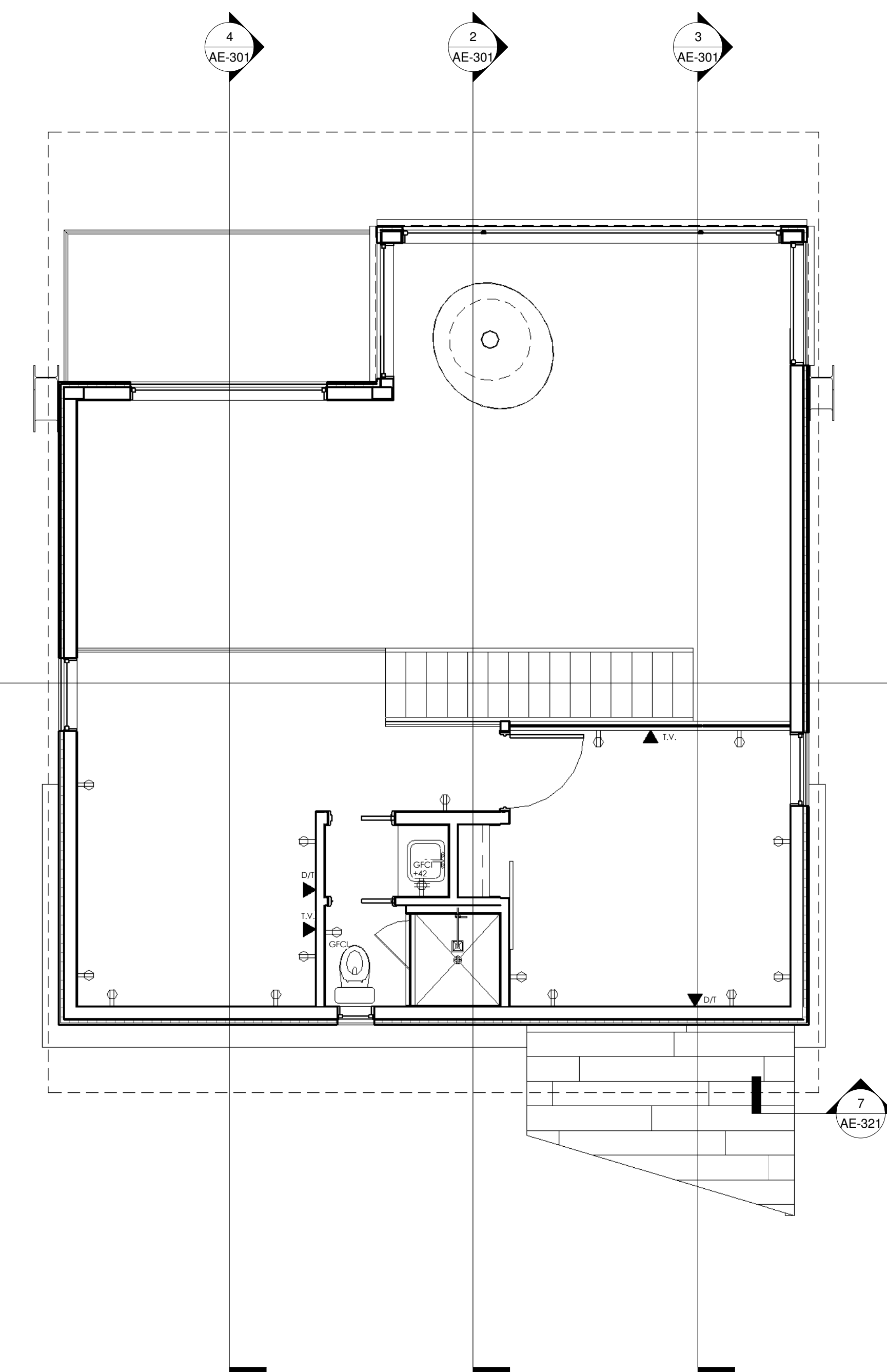
REV.	DATE

PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 MAIN AND LOFT LEVEL POWER PLANS

SHEET:
AE-131



2 MAIN LEVEL POWER PLAN
 1/4" = 1'-0"



1 LOFT LEVEL POWER PLAN
 1/4" = 1'-0"

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.

GENERAL NOTES

- A. FURNACE AND DUCTS TO BE SIZED, ENGINEERED, AND GUARANTEED BY MECHANICAL CONTRACTOR TO PROVIDE ADEQUATE HEATING AND COOLING.
- B. SUPPLY & R/A LAYOUT IS CONCEPTUAL ONLY.
- C. FINAL LOCATION OF ALL REGISTERS TO BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
- D. ANY DROPPED SOFFITS FOR HVAC DUCTWORK NOT SHOWN ARE TO BE MINIMIZED. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- E. COORDINATE LOCATIONS OF R/A GRILLES WITH ARCHITECT.
- F. ANY CEILING DROPS RESULTING FROM HVAC DESIGN MUST BE APPROVED BY ARCHITECT.
- G. DO NOT INSTALL ANY DUCTWORK WITHOUT CONSULTING A FINAL REVIEW WITH THE ARCHITECT AS TO THE LAYOUT.
- H. PROVIDE REQUIRED WORKING SPACE IN FRONT OF EACH BOILER OR WATER HEATER IN ACCORDANCE WITH IRC M1305.1.
- I. ALL DUCTWORK IN MAIN FLOOR CAVITY SPACE IS TO BE INSULATED.

SYMBOL KEY

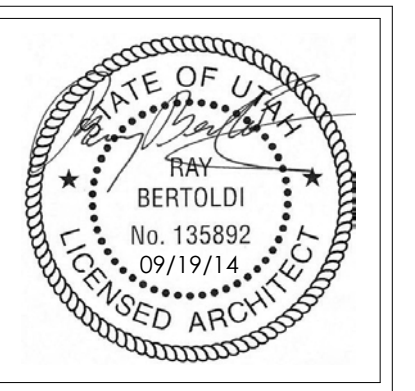
- SUPPLY AIR (FLOOR)
- RETURN AIR

KEYED NOTES

- 1 FURNACE, PROVIDE A SINGLE DUCT FOR COMBUSTION AIR WITH A MIN. DUCT SIZE OF 1 SQ. IN. PER 3,000 BTU/HOUR INPUT. OPENING TO BE IN THE TOP 12" OF THE ROOM PER IRC G2407.6.2
- 2 TANKLESS WALL MOUNTED WATER HEATER

BERTOLDI ARCHITECTS
 ARCHITECTURE • PLANNING • INTERIORS
 2725 HARRISON BLVD. OGDEN, UTAH 84403 PH. 801.476.4330 FX. 801.476.4335

RIDGE NEST - LOT 4
 SUMMIT POWDER MOUNTAIN
 UTAH 84310

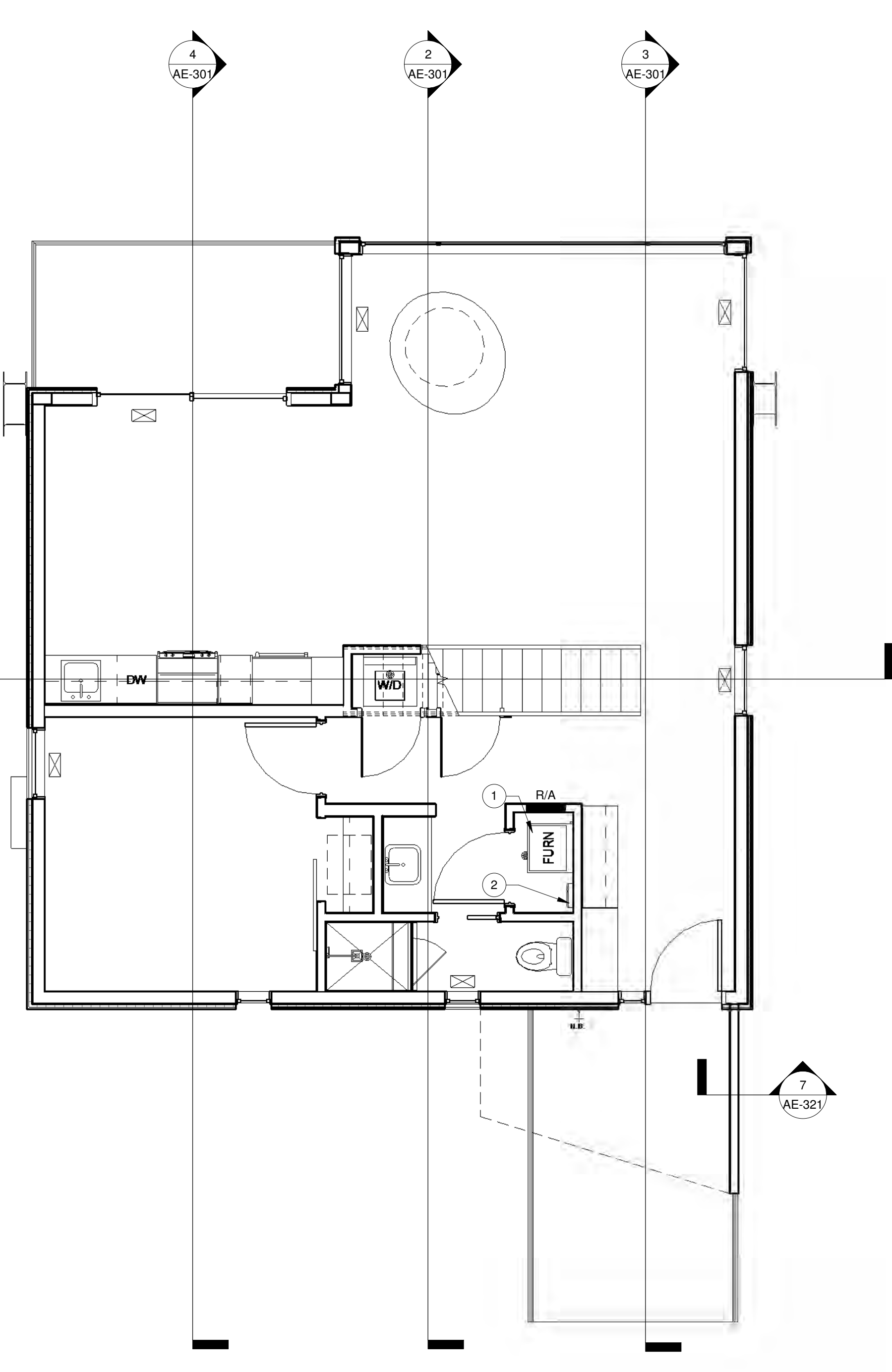


REV.	DATE

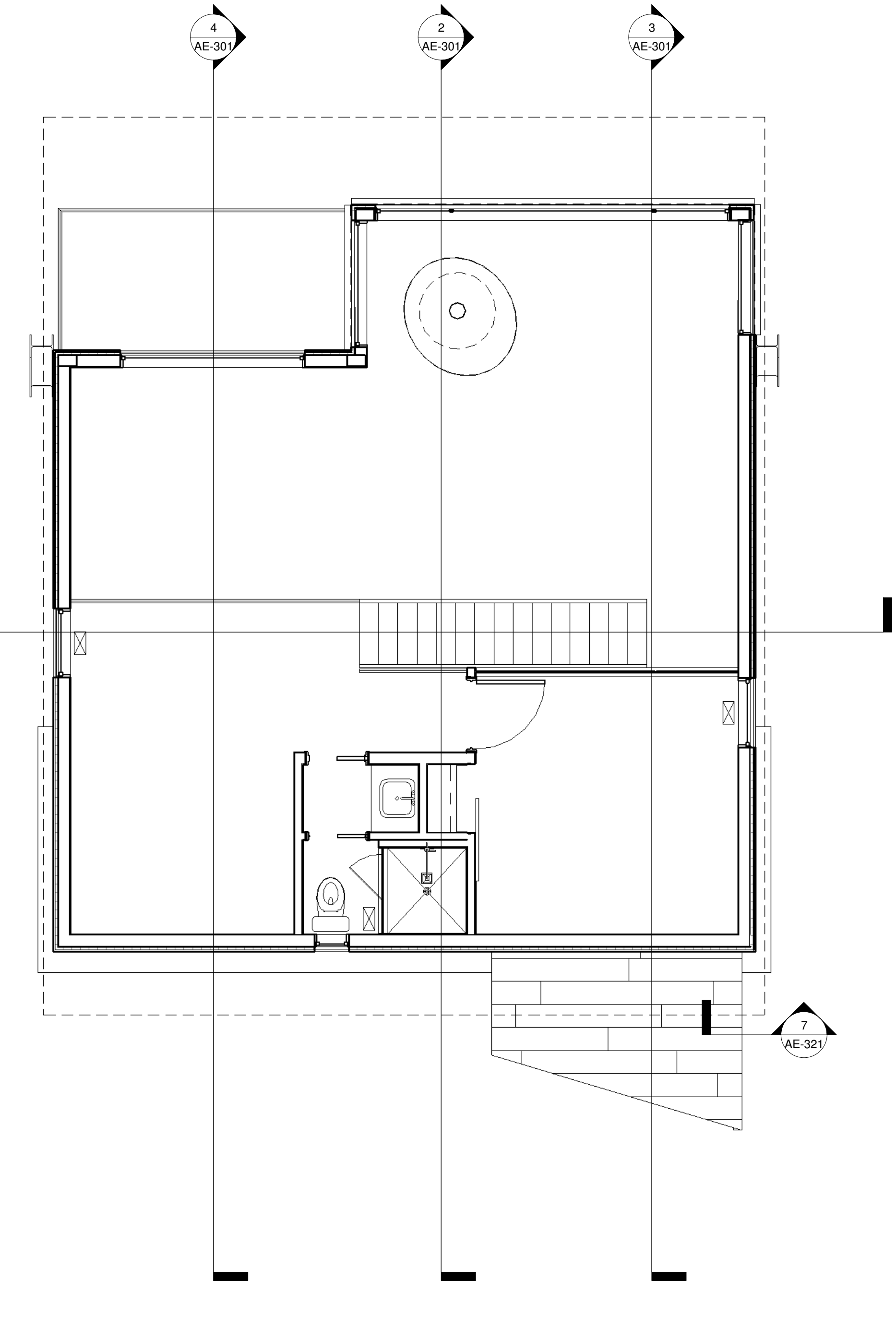
PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 MAIN AND LOFT
 LEVEL HVAC PLANS

SHEET:
AE-141

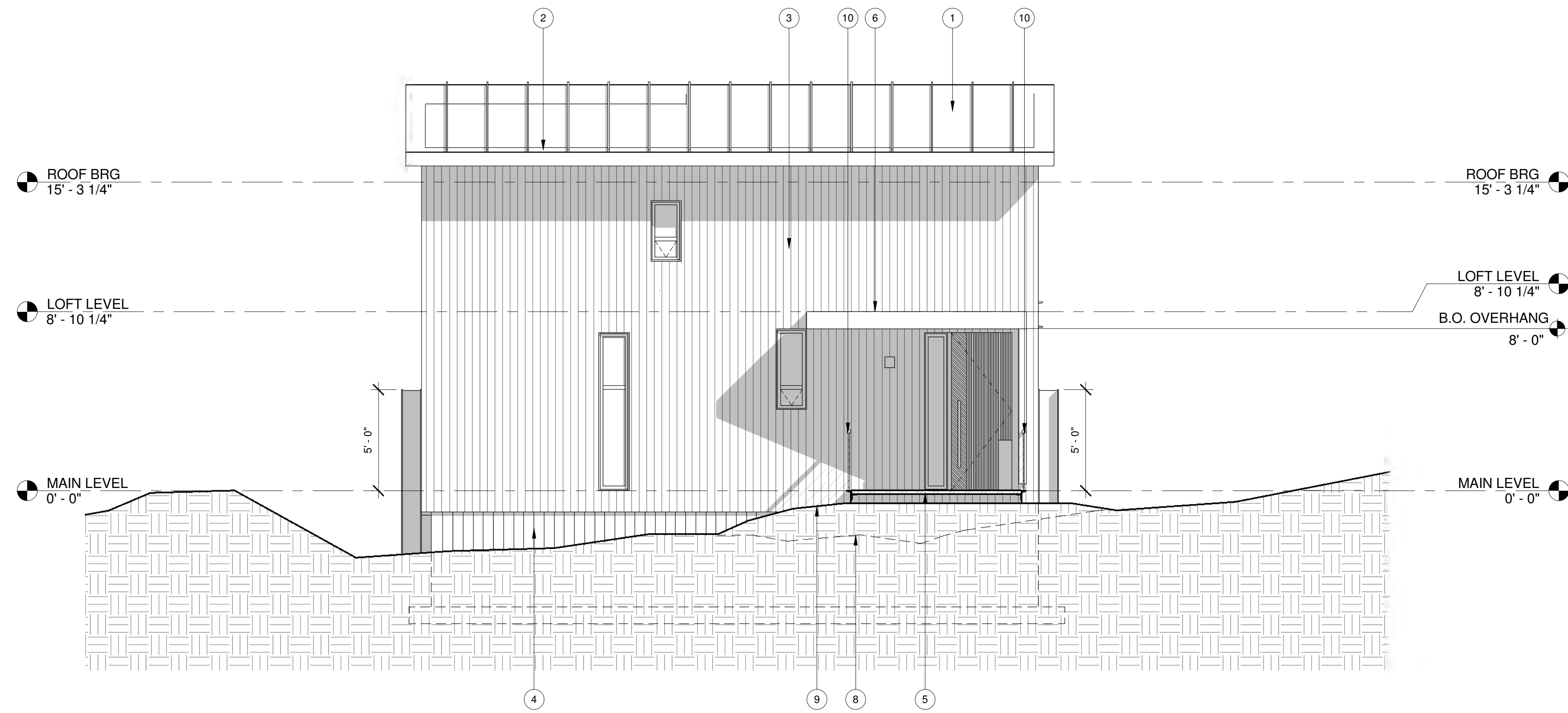
THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014



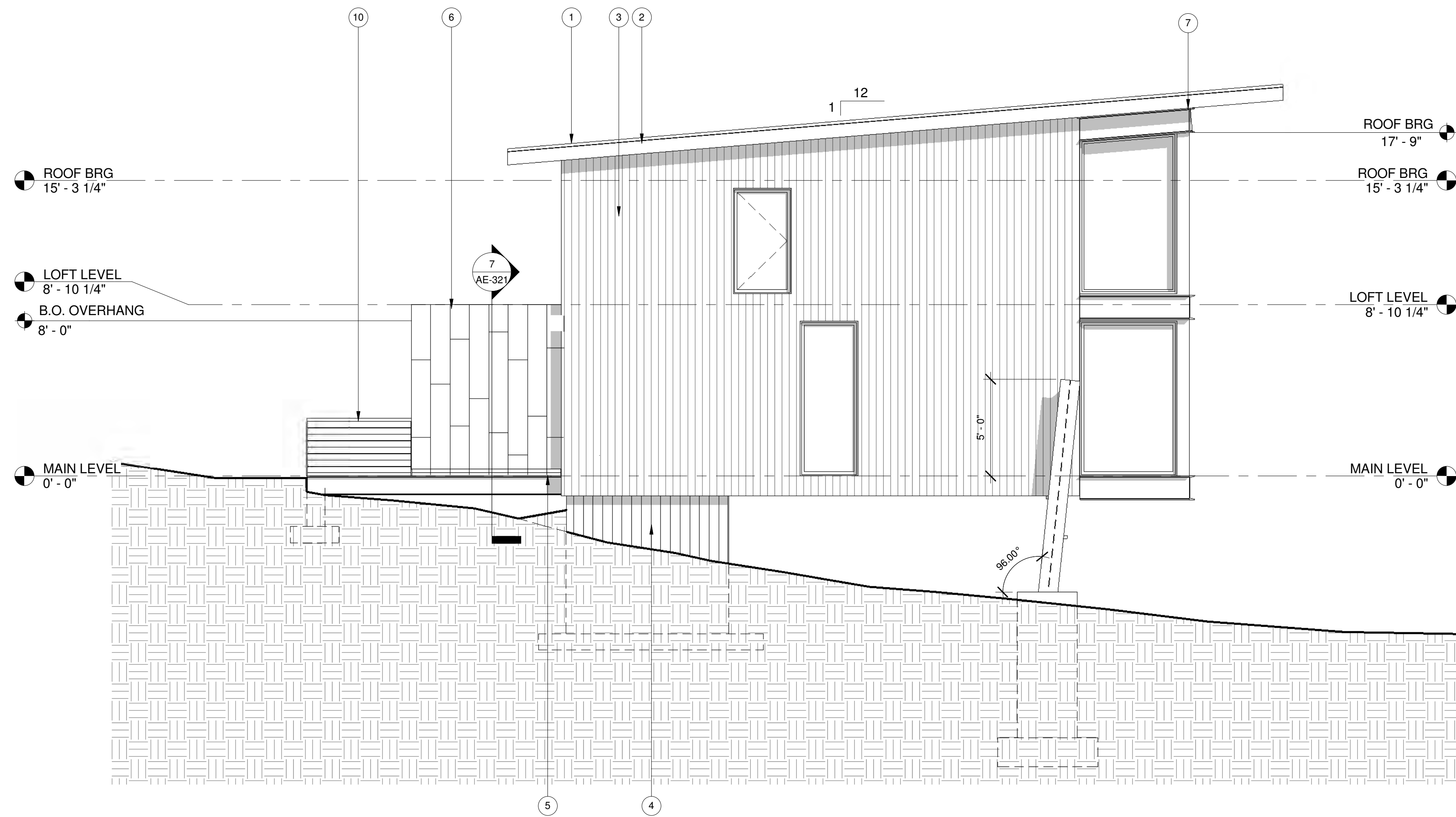
1 MAIN LEVEL HVAC PLAN
 1/4" = 1'-0"



2 LOFT LEVEL HVAC PLAN
 1/4" = 1'-0"



1 NORTH ELEVATION
1/4" = 1'-0"



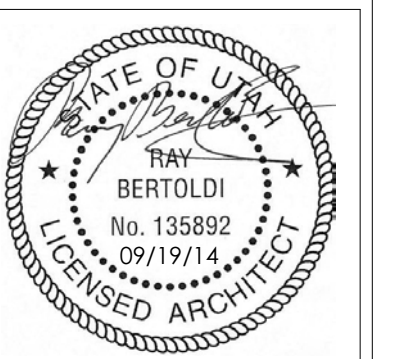
2 WEST ELEVATION
1/4" = 1'-0"

KEYED NOTES

- 1 PRE-FINISHED, MECHANICALLY SEALED STANDING SEAM METAL ROOFING SYSTEM OVER HIGH TEMPERATURE ICE AND WATER SHIELD. ROOF IS TO HAVE A 20 YEAR WARRANTY
- 2 RECLAIMED WOOD FASCIA
- 3 RECLAIMED WYOMING SNOW FENCE WOOD SIDING
- 4 BOARD FORMED CONCRETE WALL
- 5 STEEL GRATE ATTACHED TO STEEL BEAM. REFER TO DETAIL 10/AE-321
- 6 FLAT SEALED METAL PANELS OVER HIGH TEMPERATURE ICE AND WATER SHIELD. ROOF IS TO HAVE A 20 YEAR WARRANTY
- 7 EXPOSED STEEL BEAM, PAINTED
- 8 EXISTING GRADE
- 9 PROPOSED GRADE
- 10 STEEL CABLE RAILING, REFER TO DETAIL 5/AE-411

BERTOLDI ARCHITECTS
ARCHITECTURE • PLANNING • INTERIORS
2726 HARRISON BLVD. OGDEN, UTAH 84403 PH. 801.476.6330 FX. 801.476.6335

RIDGE NEST - LOT 4
SUMMIT POWDER MOUNTAIN
UTAH 84310



REV.	DATE

PROJECT # 1405
DATE: 09/19/14
TITLE:
EXTERIOR ELEVATIONS

SHEET:
AE-201

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS © 2014

KEYED NOTES

- 1 PRE-FINISHED, MECHANICALLY SEALED STANDING SEAM METAL ROOFING SYSTEM OVER HIGH TEMPERATURE ICE AND WATER SHIELD. ROOF IS TO HAVE A 20 YEAR WARRANTY
- 2 RECLAIMED WYOMING SNOW FENCE WOOD SIDING
- 3 RECLAIMED WYOMING SNOW FENCE WOOD SIDING
- 4 STEEL CABLE RAILING, REFER TO DETAIL 5/AE-411
- 5 EXPOSED STEEL BEAM, PAINTED
- 6 BOARD FORMED CONCRETE WALL
- 7 STEEL CHANNELS, POWDER COAT
- 8 FLAT SEALED METAL PANELS OVER HIGH TEMPERATURE ICE AND WATER SHIELD. ROOF IS TO HAVE A 20 YEAR WARRANTY
- 9 SHEET METAL PANEL WALL
- 10 STEEL GRATE ATTACHED TO STEEL BEAM, REFER TO DETAIL 10/AE-321
- 11 RECLAIMED WOOD DECK
- 12 PROPOSED GRADE
- 13 EXISTING GRADE

BERTOLDI ARCHITECTS
 ARCHITECTURE • PLANNING • INTERIORS
 2725 HARRISON BLVD. CODY, UT 84401 PH. 801.476.6330 FX. 801.476.6335

RIDGE NEST - LOT 4
 SUMMIT POWDER MOUNTAIN
 UTAH 84310



REV.	DATE

PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 EXTERIOR ELEVATIONS

SHEET:

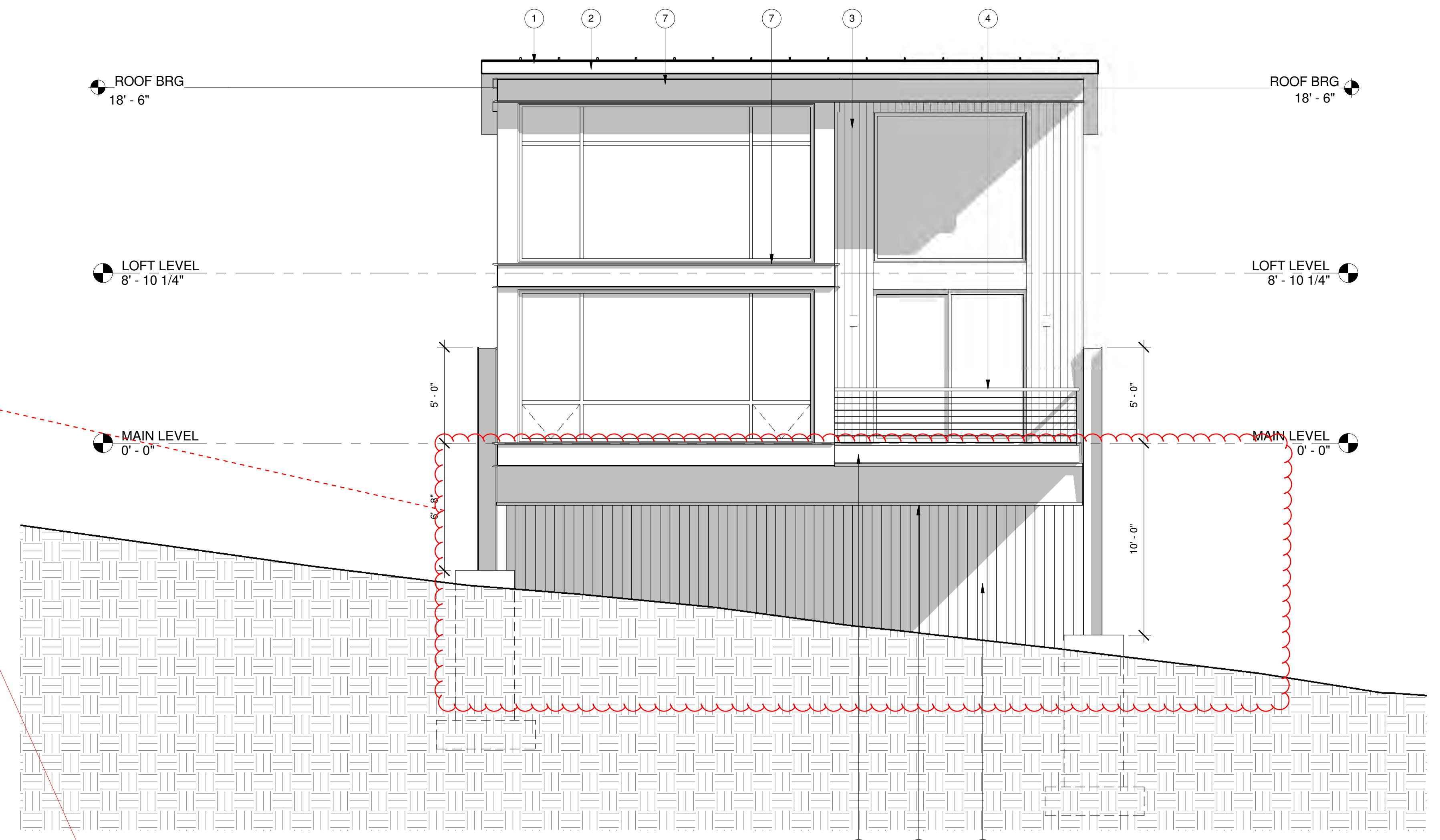
AE-202

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014

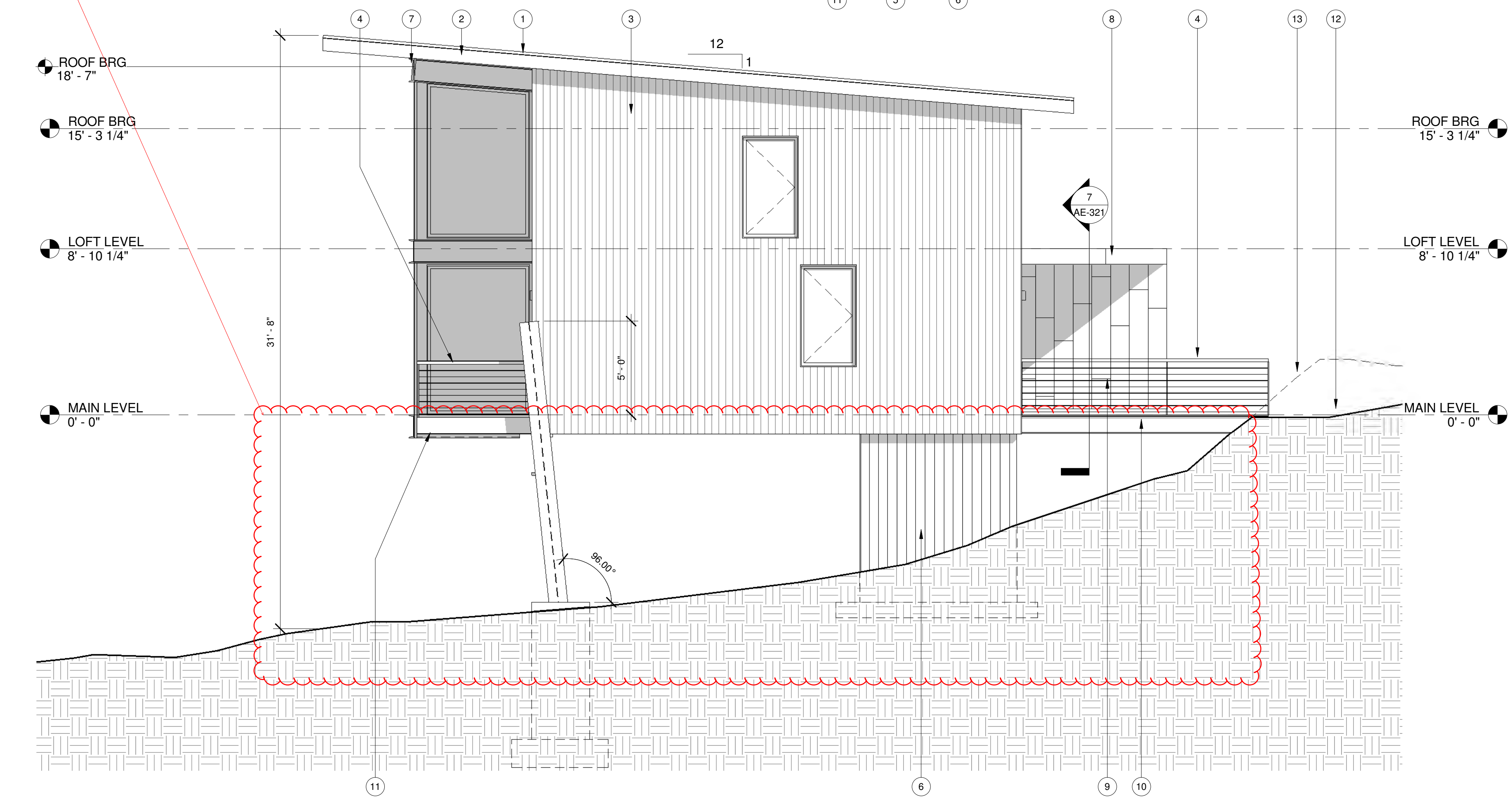
NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.

This open space beneath the structure must comply with chapter 5 of the 2006 Wildland Urban Interface Code.

1 SOUTH ELEVATION
 1/4" = 1'-0"



2 EAST ELEVATION
 1/4" = 1'-0"



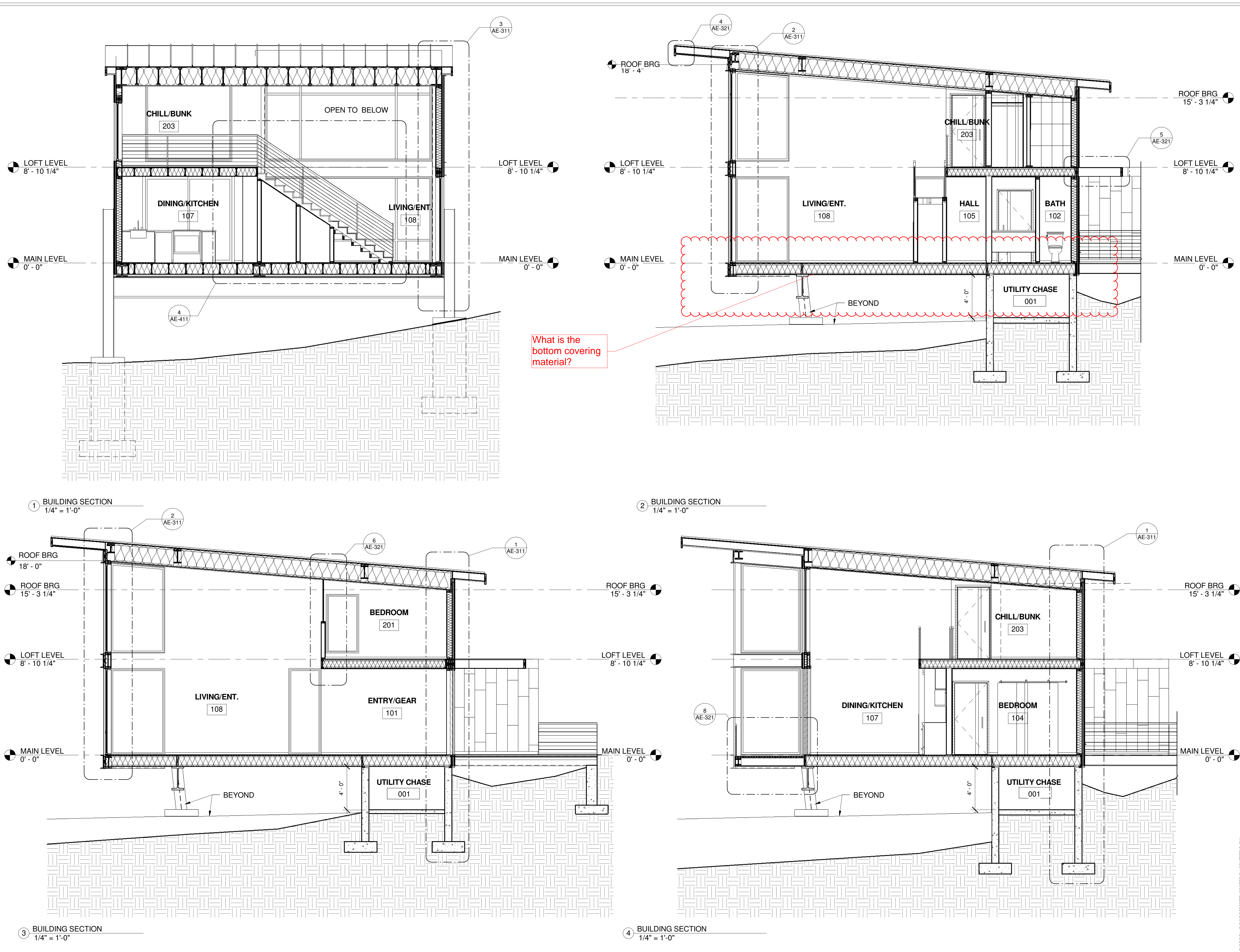
RIDGE NEST - LOT 4
 SUMMIT POWDER MOUNTAIN
 UTAH 84310



REV.	DATE

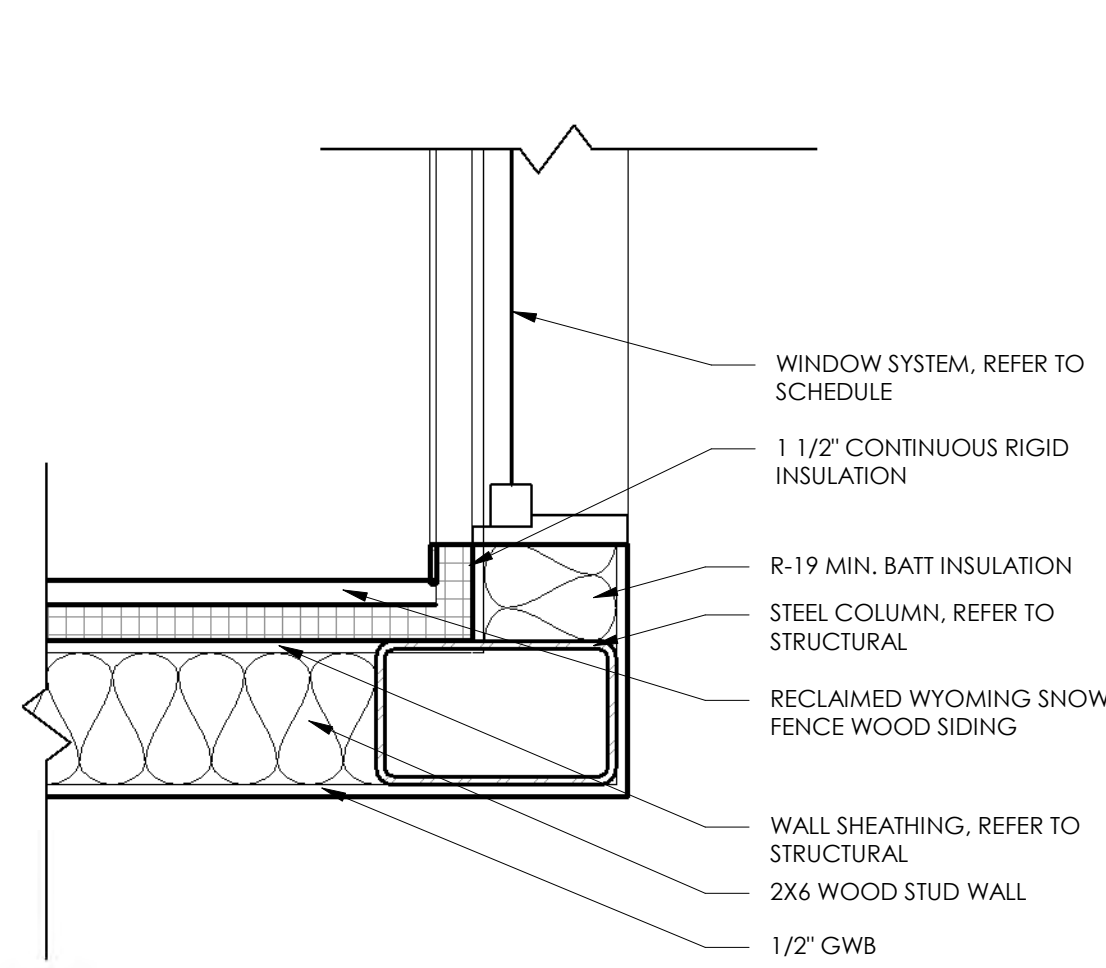
PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 BUILDING SECTIONS

SHEET:
AE-301

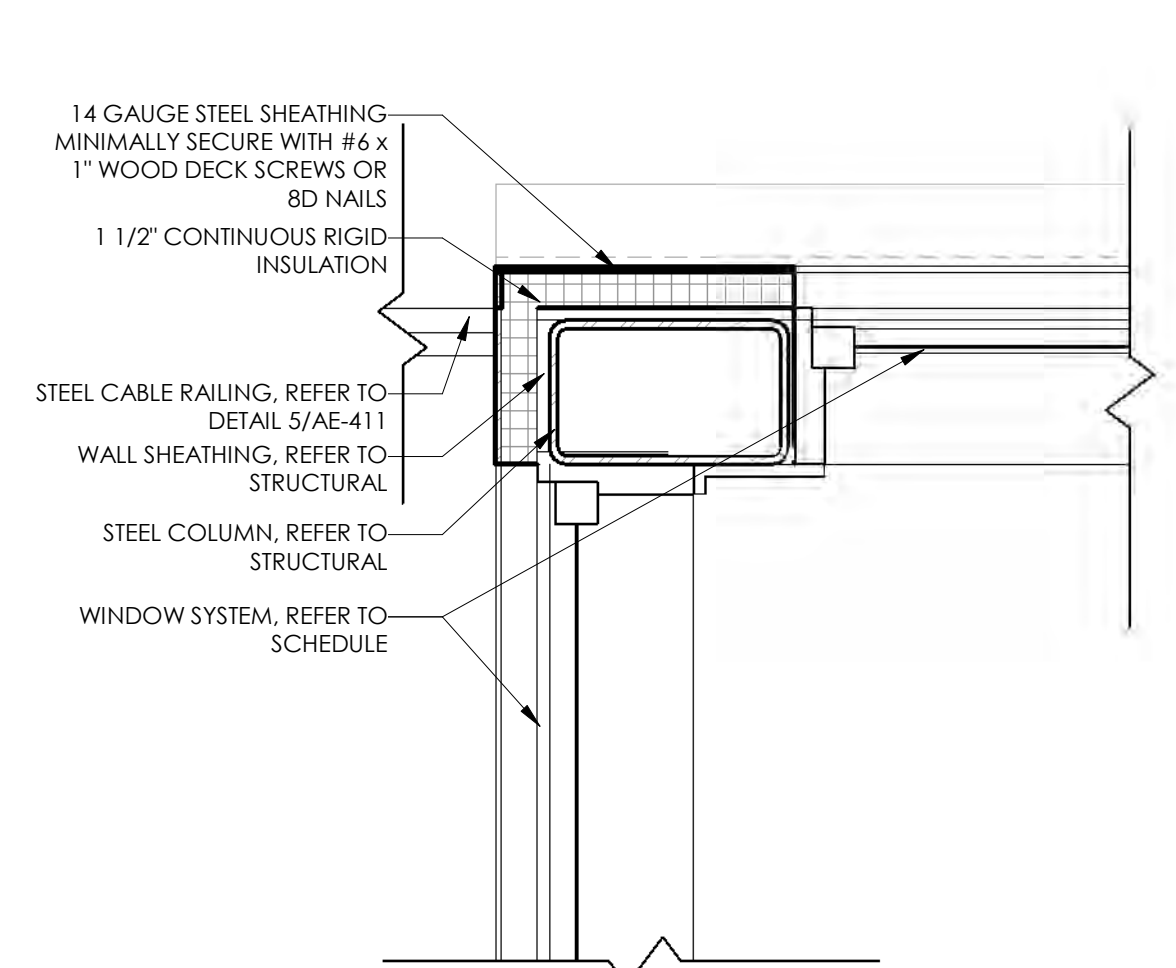


THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS © 2014

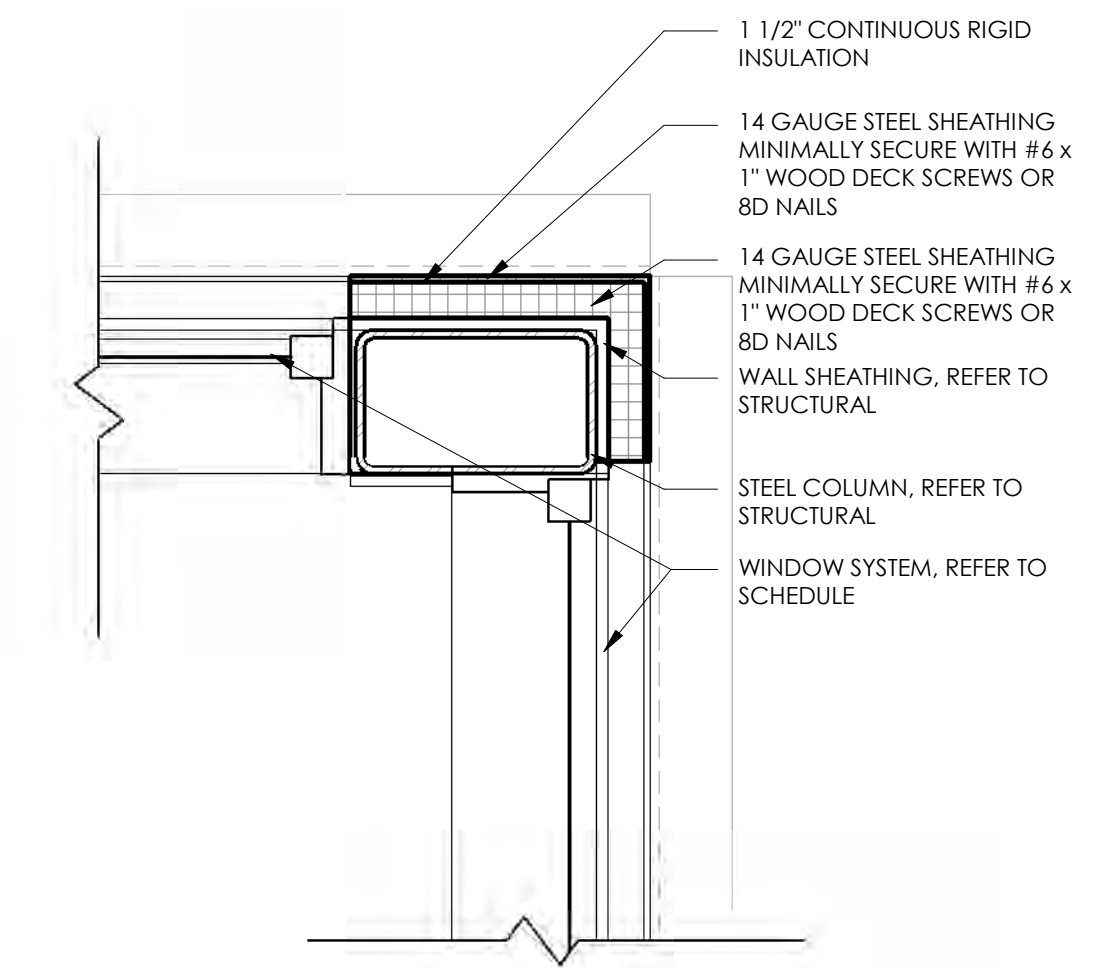
NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



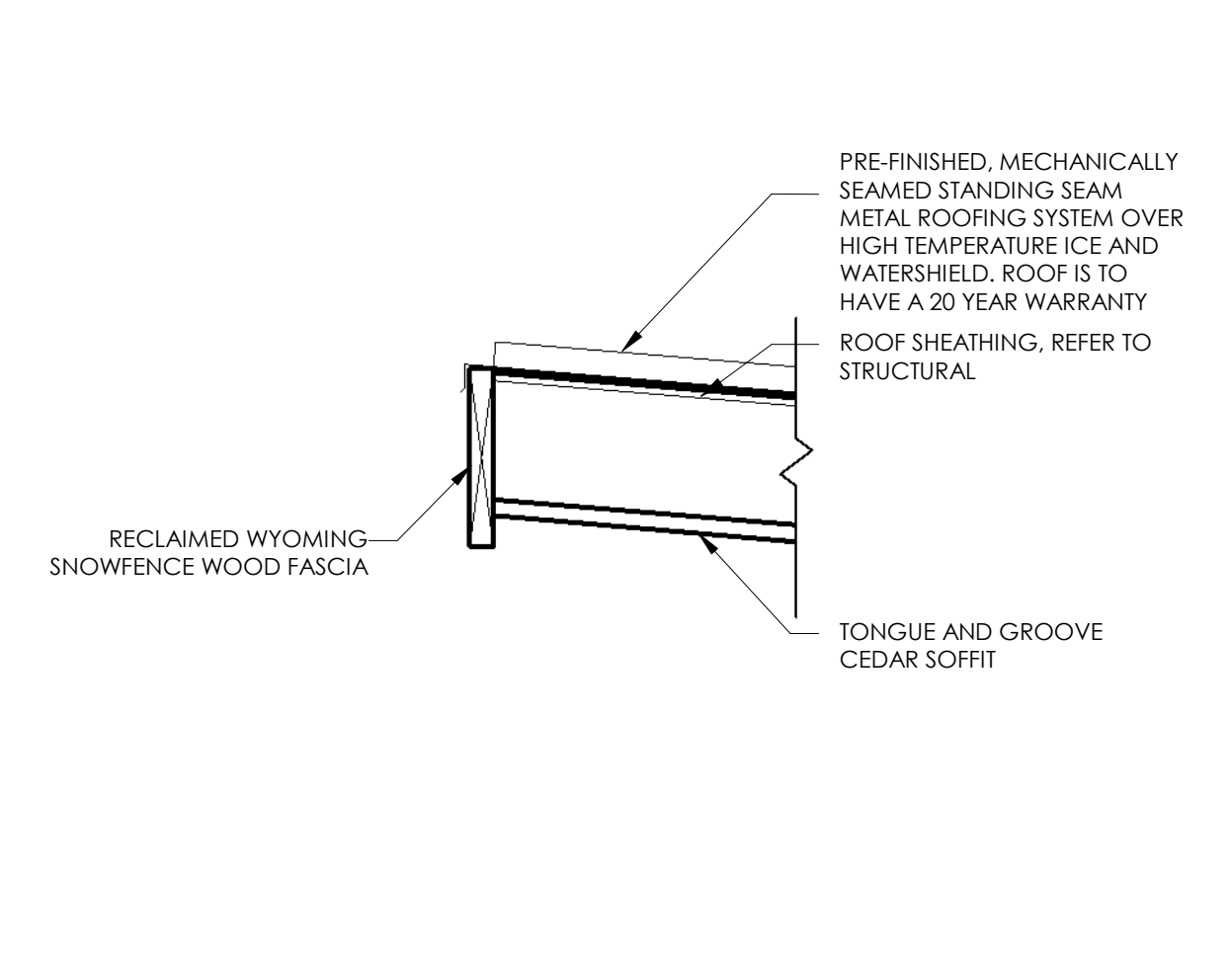
1 CORNER DETAIL
1 1/2" = 1'-0"



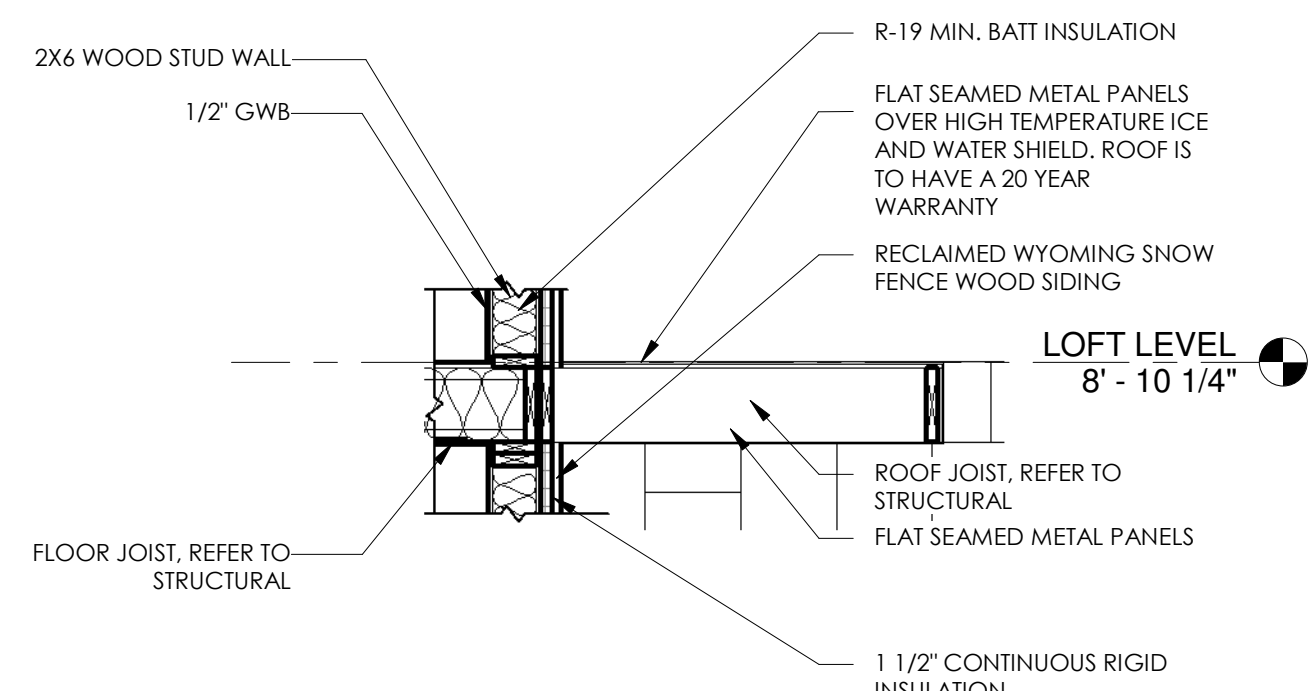
2 CORNER DETAIL
1 1/2" = 1'-0"



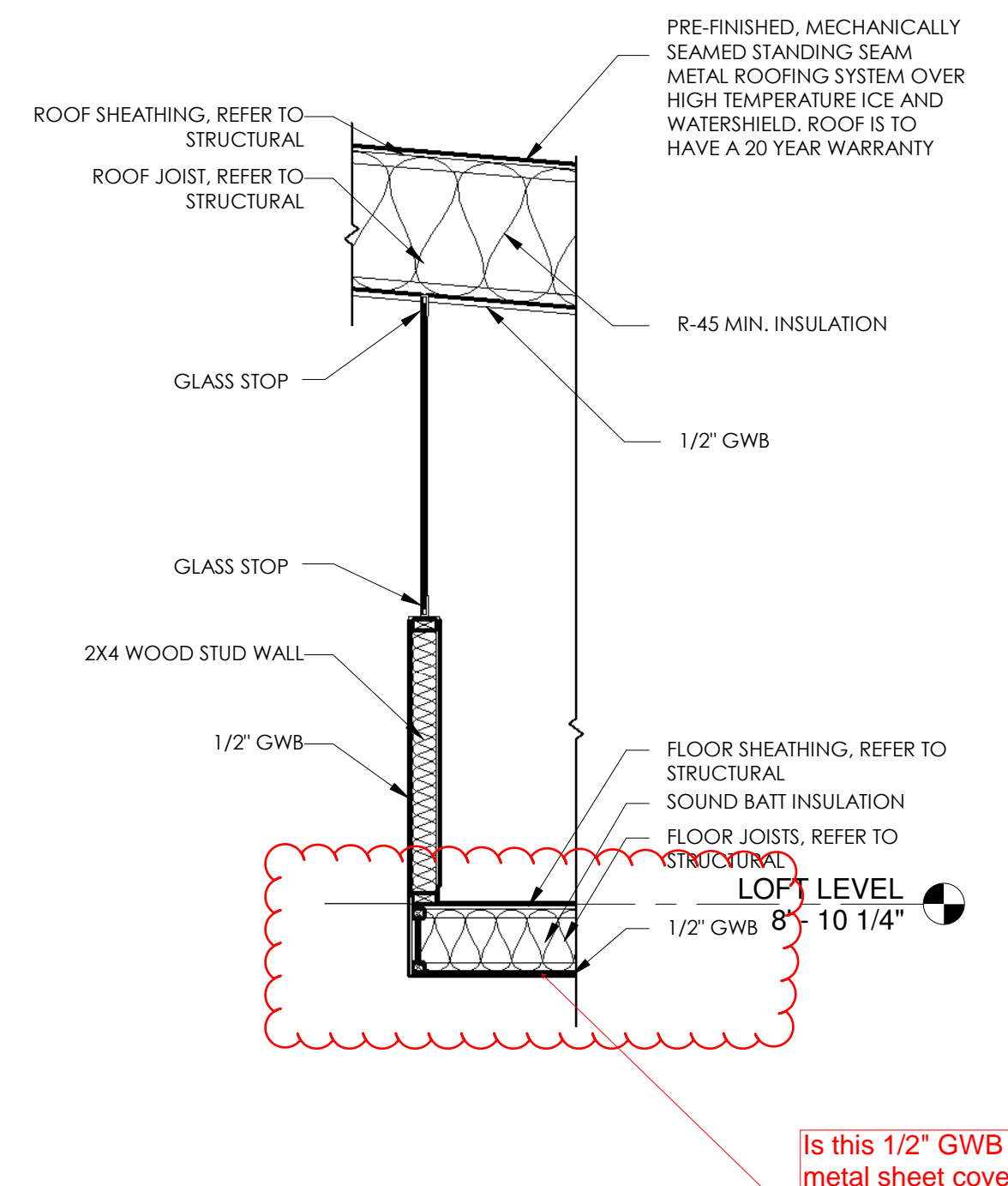
3 CORNER DETAIL
1 1/2" = 1'-0"



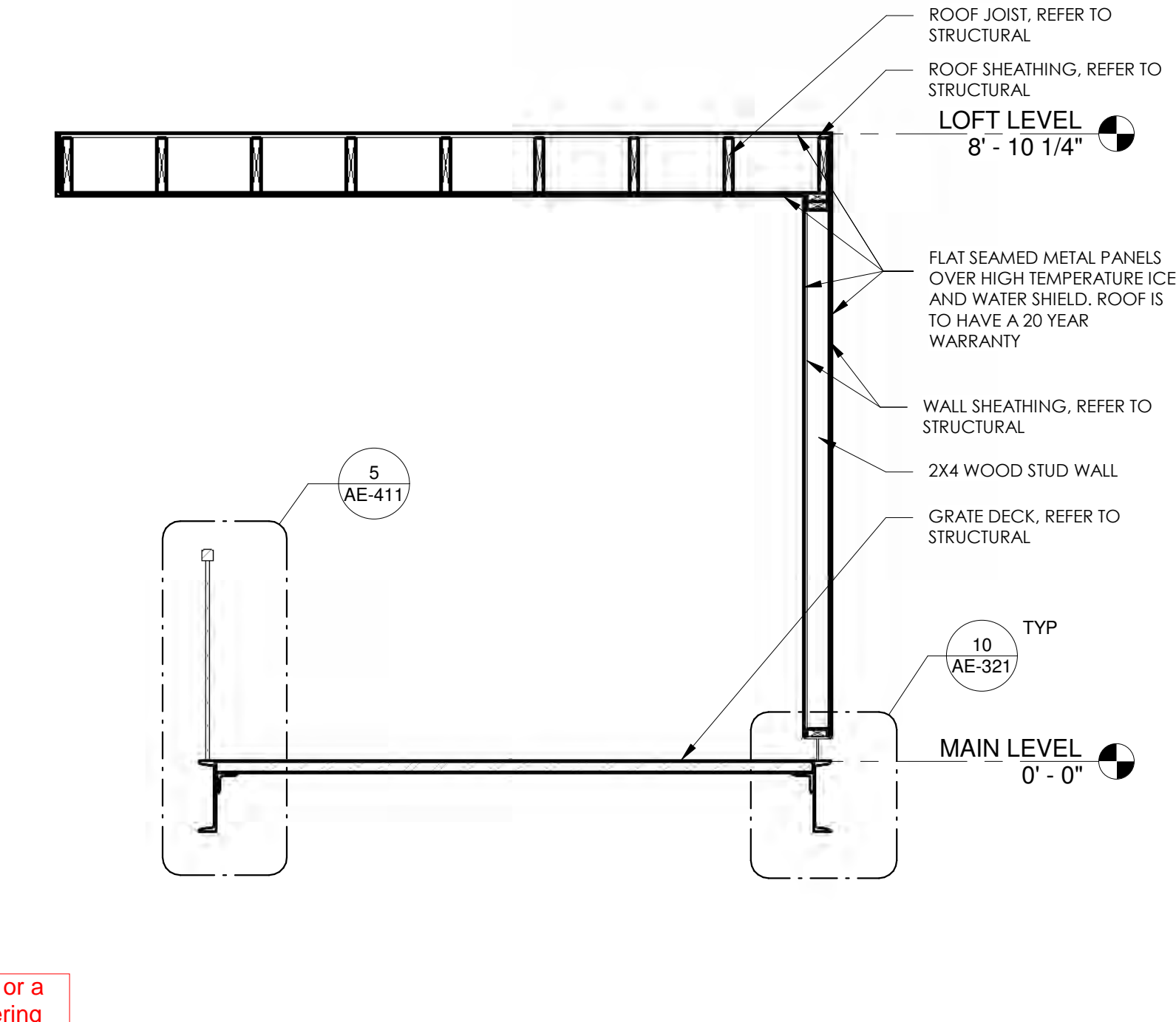
4 FASCIA DETAIL
1" = 1'-0"



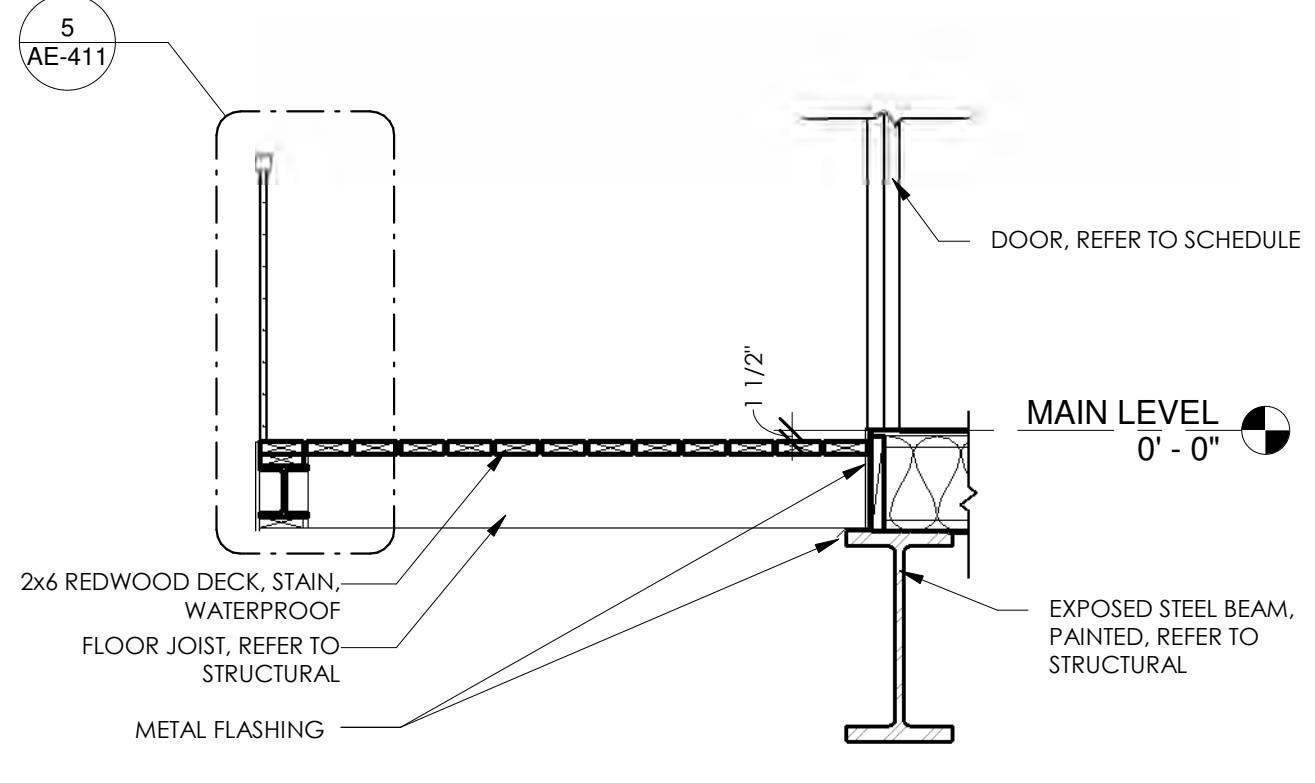
5 CANOPY AT ENTRY
1/2" = 1'-0"



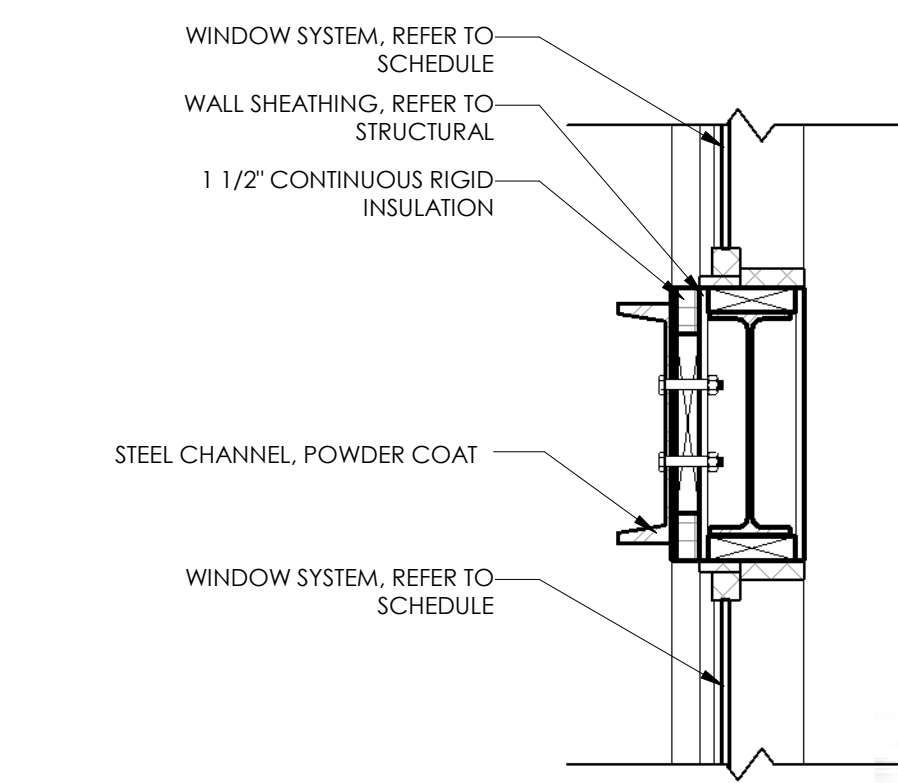
6 WALL SECTION
1/2" = 1'-0"



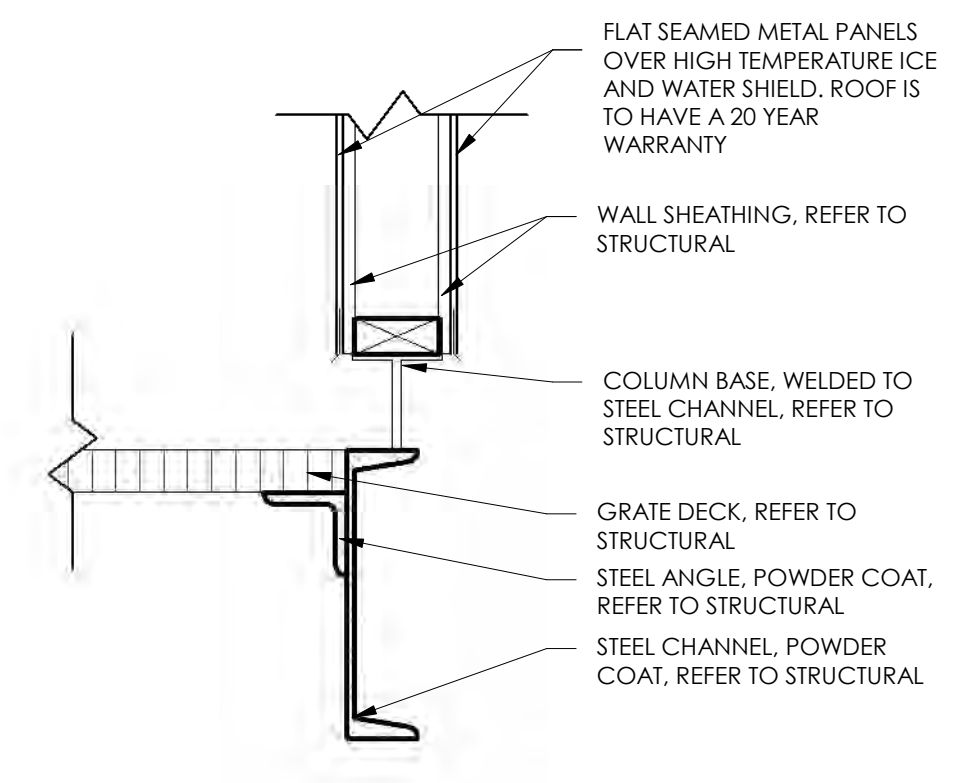
7 WALL SECTION
1/2" = 1'-0"



8 DECK DETAIL
1/2" = 1'-0"



9 Channel Detail
1" = 1'-0"



10 DECK DETAIL
1 1/2" = 1'-0"

Is this 1/2" GWB or a metal sheet covering the bottom of the structure?

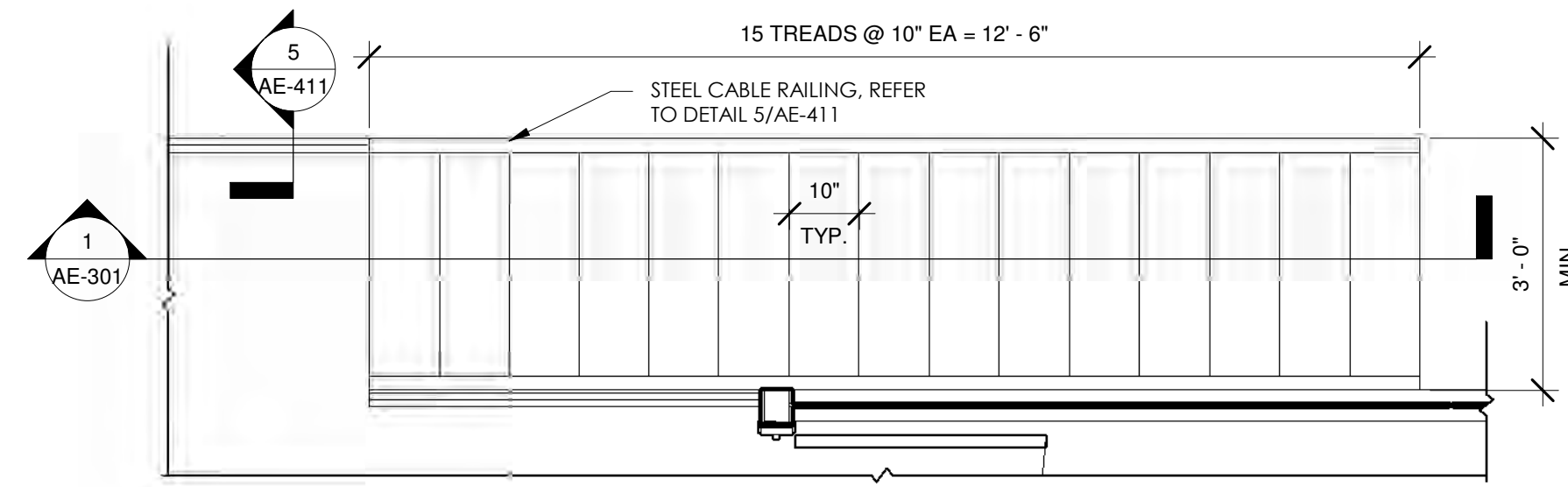
THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS © 2014



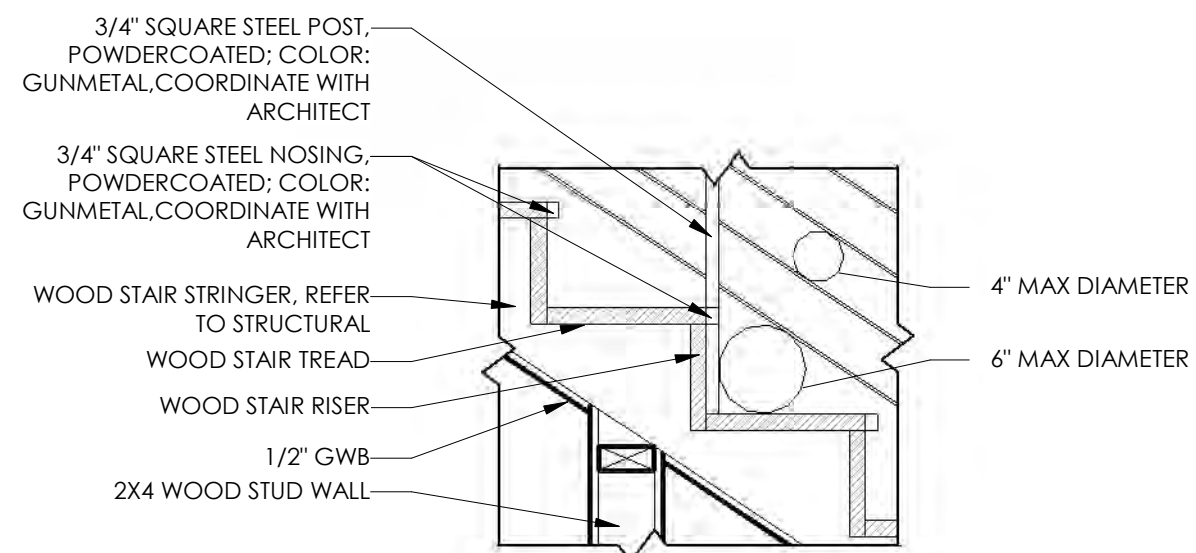
REV.	DATE

PROJECT # 1405
DATE: 09/19/14
TITLE: DETAILS

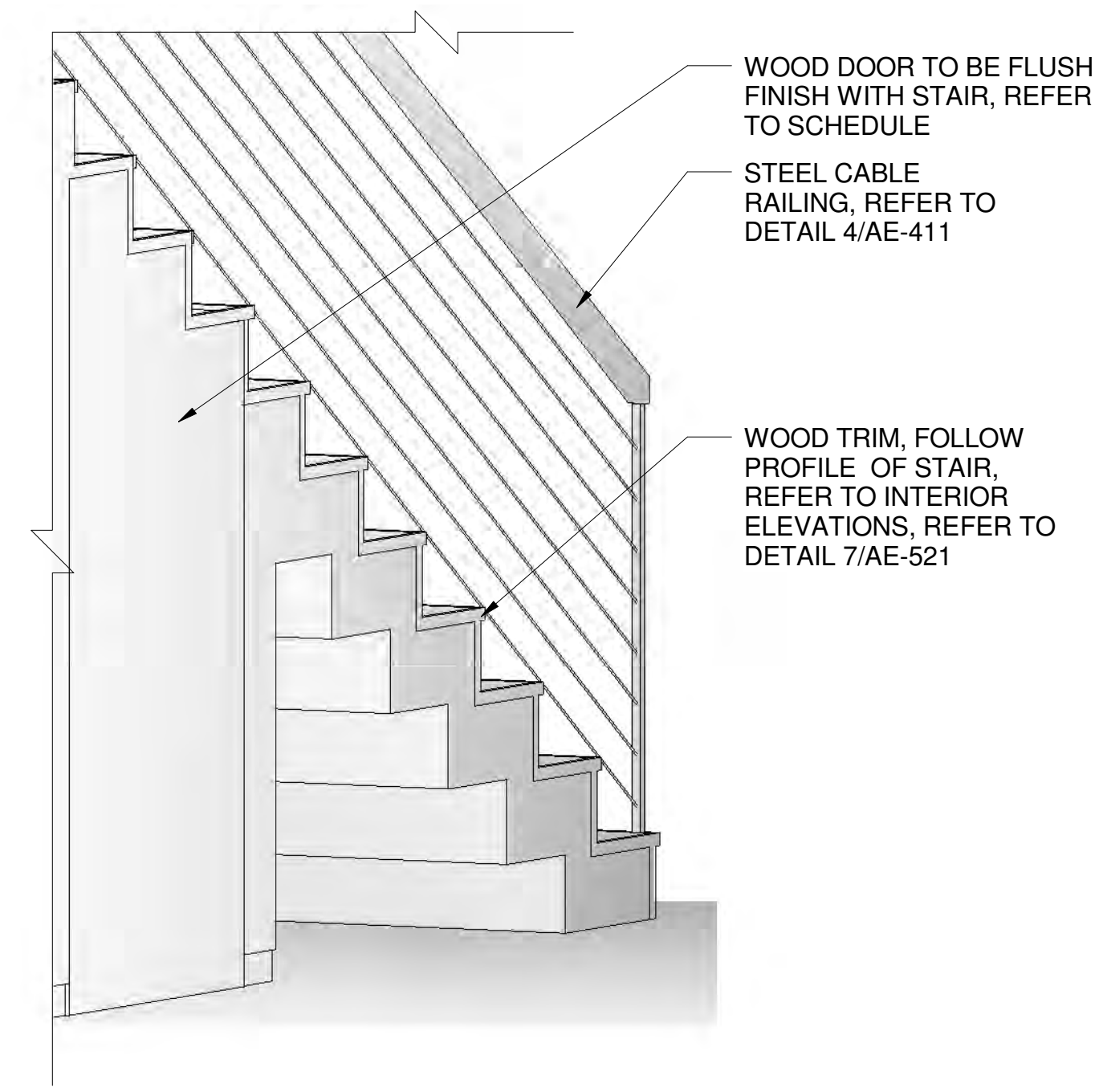
NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



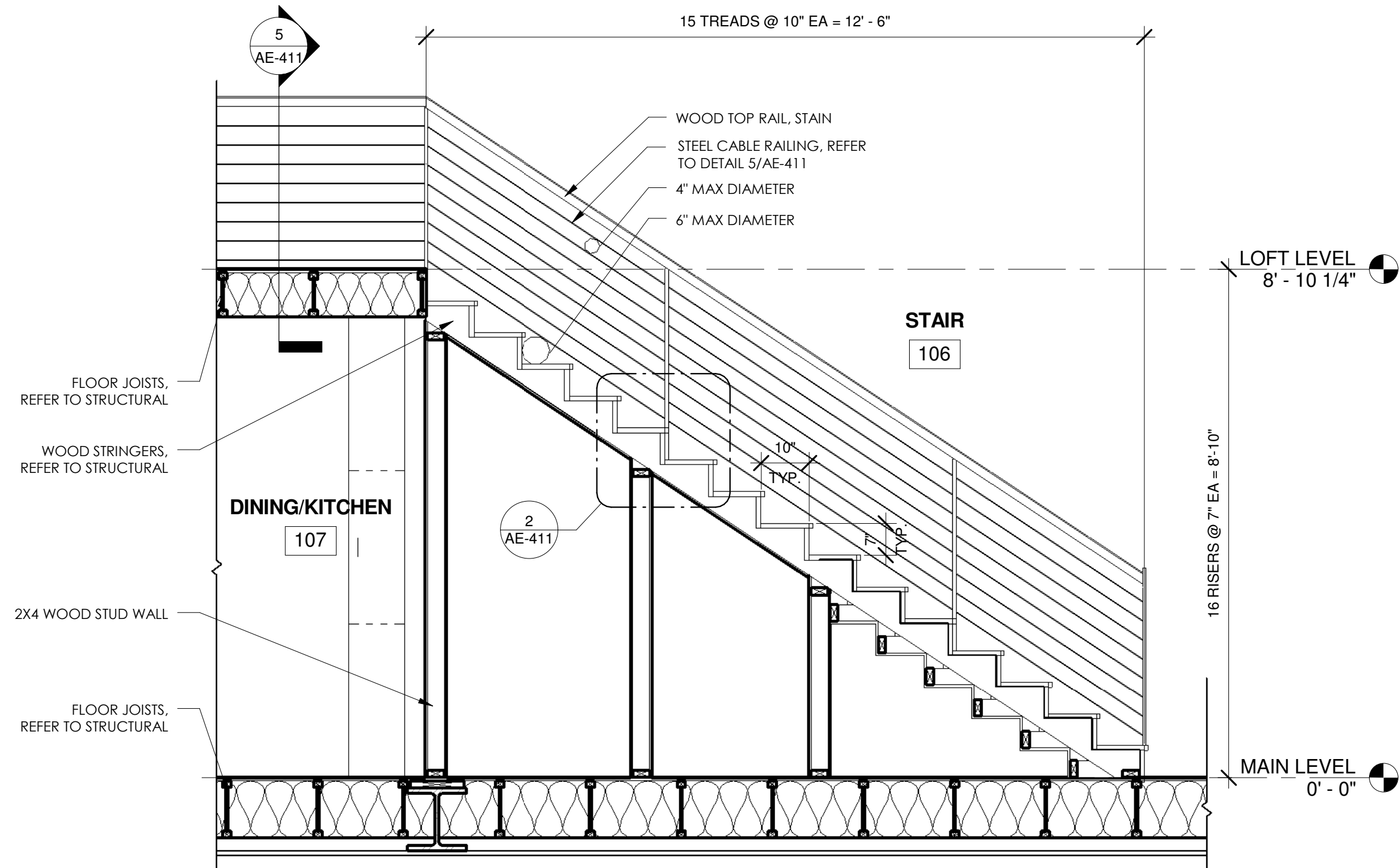
1 STAIR PLAN
1/2" = 1'-0"



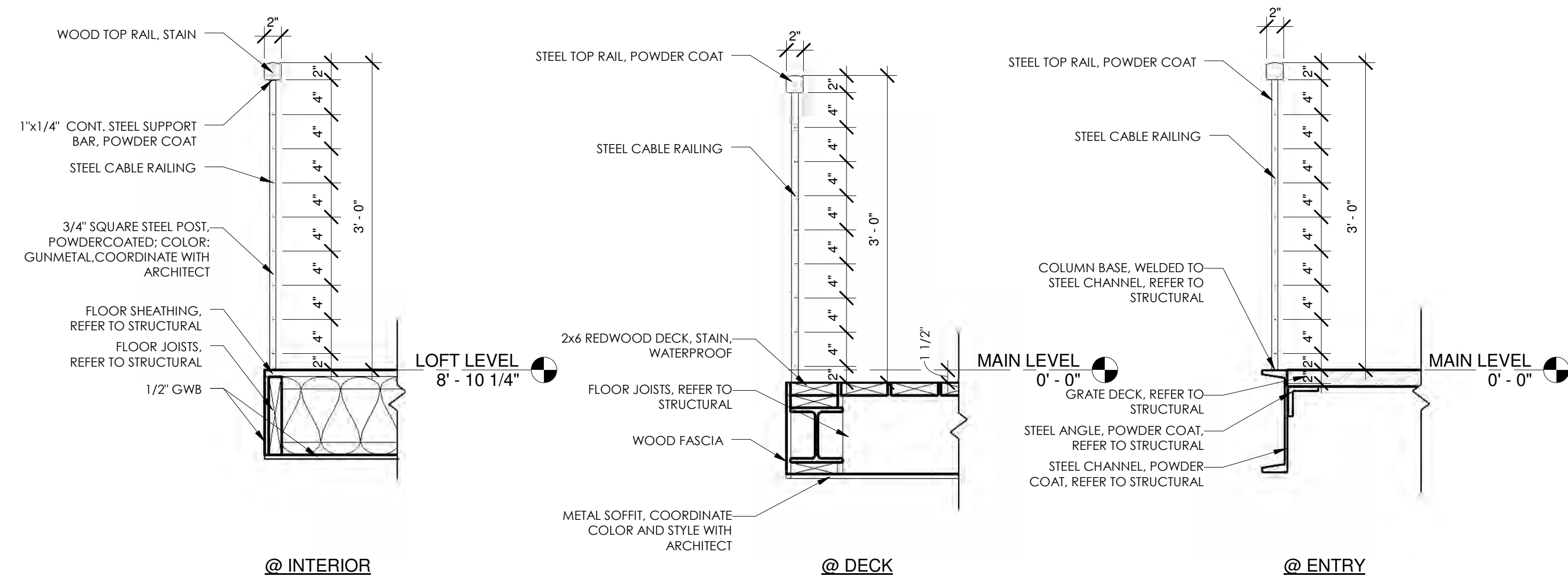
2 STAIR DETAIL
1" = 1'-0"



3 STAIR PERSPECTIVE



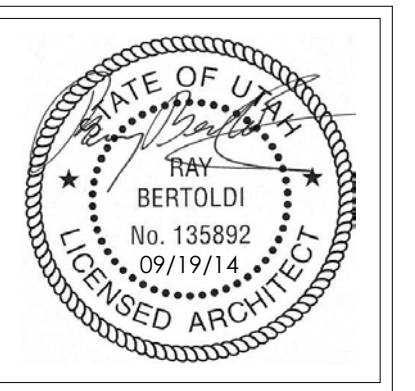
4 STAIR SECTION
1/2" = 1'-0"



5 HANDRAIL DETAIL
1" = 1'-0"

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



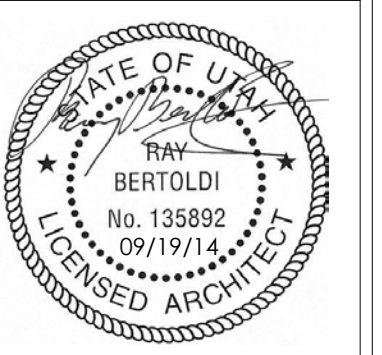
REV.	DATE

PROJECT # 1405
DATE: 09/19/14
TITLE:
STAIR PLAN AND SECTIONS

SHEET:

GENERAL NOTES

- A. STOREFRONT WINDOWS ARE TO BE APPROVED BY ARCHITECT/OWNER PRIOR TO CONSTRUCTION.
- B. ALL INTERIOR DOORS ARE TO BE PAINTED SOLID WOOD DOORS.
- C. ALL SHOWER COMPARTMENTS, SLIDING GLASS DOORS, WINDOWS ADJACENT TO DOORS AND OTHER HAZARDOUS AREAS ARE TO HAVE SAFETY GLAZING (IRC R308.4)
- D. OPERABLE WINDOWS MEETING THE REQUIREMENTS OF IRC R310.1 FOR EMERGENCY ESCAPE AND RESCUE ARE TO BE PROVIDED IN EACH BEDROOM.
- E. ALL INTERIOR MILLWORK WILL BE PAINT GRADE.



REV.	DATE

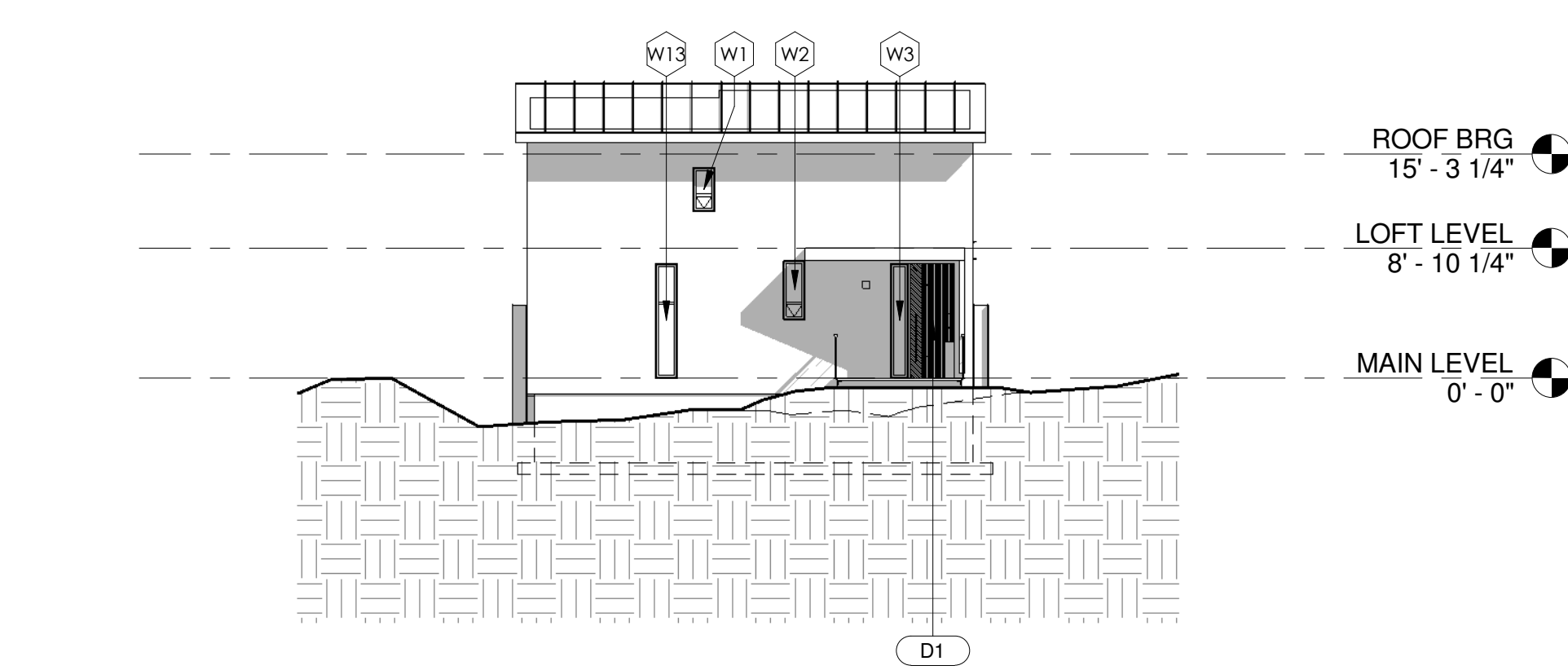
PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 OPENING SCHEDULE

SHEET:
AE-601

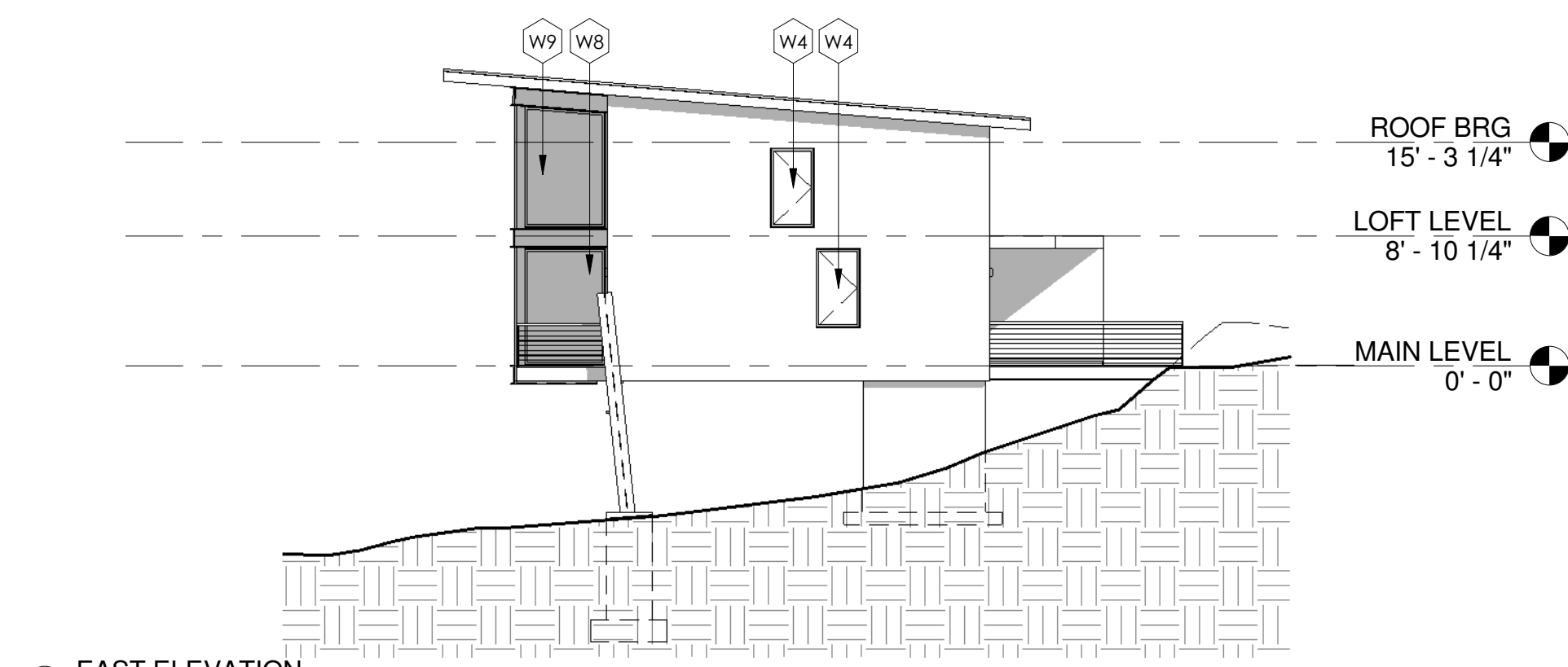
NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.

DOOR SCHEDULE											
MARK	ROOM NAME	ROOM #	TYPE	DOOR		FRAME		REMARKS	HEAD DETAIL (JAMB SIM)		
				WIDTH	HEIGHT	MATERIAL	FINISH			MATERIAL	FINISH
MAIN LEVEL											
D1	ENTRY/GEAR	101	2	3'-0"	7'-10"	SOLID CORE WOOD	STAIN	WOOD	PAINT		8/AE-521
D2	BATH	102	3	2'-6"	6'-8"	SOLID CORE WOOD	PAINT	WOOD	PAINT	POCKET	3/AE-521
D3	BEDROOM	104	1	3'-0"	6'-8"	SOLID CORE WOOD	PAINT	WOOD	PAINT		5/AE-521
D4	BEDROOM	104	4	3'-6"	6'-8"	SOLID CORE WOOD	PAINT	WOOD	PAINT	BARN DOOR	4/AE-521
D5	HALL	105	1	3'-0"	6'-8"	SOLID CORE WOOD	PAINT	WOOD	PAINT		5/AE-521
D6	HALL	105	5	2'-6"	5'-5"	SOLID CORE WOOD	PAINT	WOOD	PAINT	CUSTOM DOOR, CUT TO FOLLOW STAIRS, MUST BE FLUSH WITH ADJACENT SURFACES AND FLOOR, HARDWARE IS TO BE ALL CONCELED W/ MAGNETIC PUSH LATCH	6/AE-521 & 7/AE521
D7	HALL	105	6	2'-6"	7'-8"	SOLID CORE WOOD	PAINT	WOOD	PAINT	CUSTOM DOOR, CUT TO FOLLOW STAIRS, MUST BE FLUSH WITH ADJACENT SURFACES AND FLOOR, HARDWARE IS TO BE ALL CONCELED W/ MAGNETIC PUSH LATCH	6/AE-521 & 7/AE521
D8	DINING/KITCHEN	107	7	8'-0"	8'-0"	ALUMINUM		ALUMINUM		SLIDER, TEMPERED	9/AE-521 & 10/AE521
LOFT LEVEL											
D9	BEDROOM	201	1	3'-0"	6'-8"	SOLID CORE WOOD	PAINT	WOOD	PAINT		5/AE-521
D10	BEDROOM	201	4	3'-0"	6'-8"	SOLID CORE WOOD	PAINT	WOOD	PAINT	BARN DOOR	4/AE-521
D11	BATH	202	3	2'-6"	6'-8"	SOLID CORE WOOD	PAINT	WOOD	PAINT	POCKET	3/AE-521
D12	BATH	202	3	2'-6"	6'-8"	SOLID CORE WOOD	PAINT	WOOD	PAINT	POCKET	3/AE-521

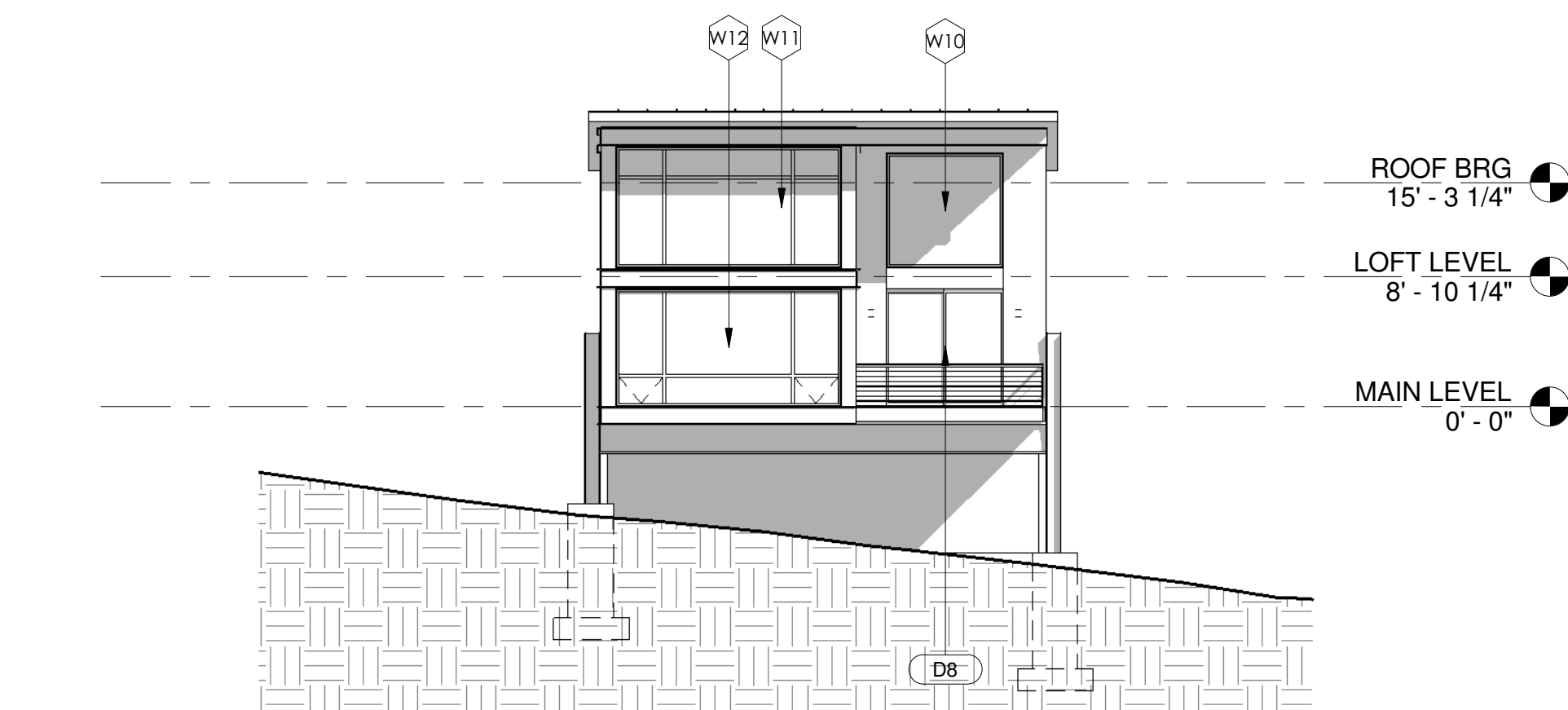
WINDOW SCHEDULE								
TYPE	FRAME		DETAILS (ON THIS SHEET)			REMARKS	WIDTH	HEIGHT
	MATERIAL	FINISH FRAME	HEAD	JAMB	SILL			
W1	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED / HOPPER	1'-6"	3'-0"
W2	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED / HOPPER	1'-6"	4'-0"
W3	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED / TEMPERED	1'-2"	7'-10"
W4	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	CASEMENT / TEMPERED	3'-0"	5'-5"
W5	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED / TEMPERED	3'-0"	8'-0"
W6	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED	5'-0"	VARIES
W7	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED / TEMPERED	5'-0"	8'-0"
W8	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED / TEMPERED	5'-6"	8'-0"
W9	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED	5'-6"	VARIES
W10	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED	8'-0"	7'-10"
W11	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED	15'-5"	8'-4"
W12	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED / HOPPER / TEMPERED	15'-5"	8'-0"
W13	ALUMINUM	ALUMINUM	1/AE-521	1/AE-521	2/AE-521	FIXED / TEMPERED	1'-6"	7'-10"
W14	-	-	6/AE-321	6/AE-321	6/AE-321	FIXED / TEMPERED	11'-4"	3'-10"



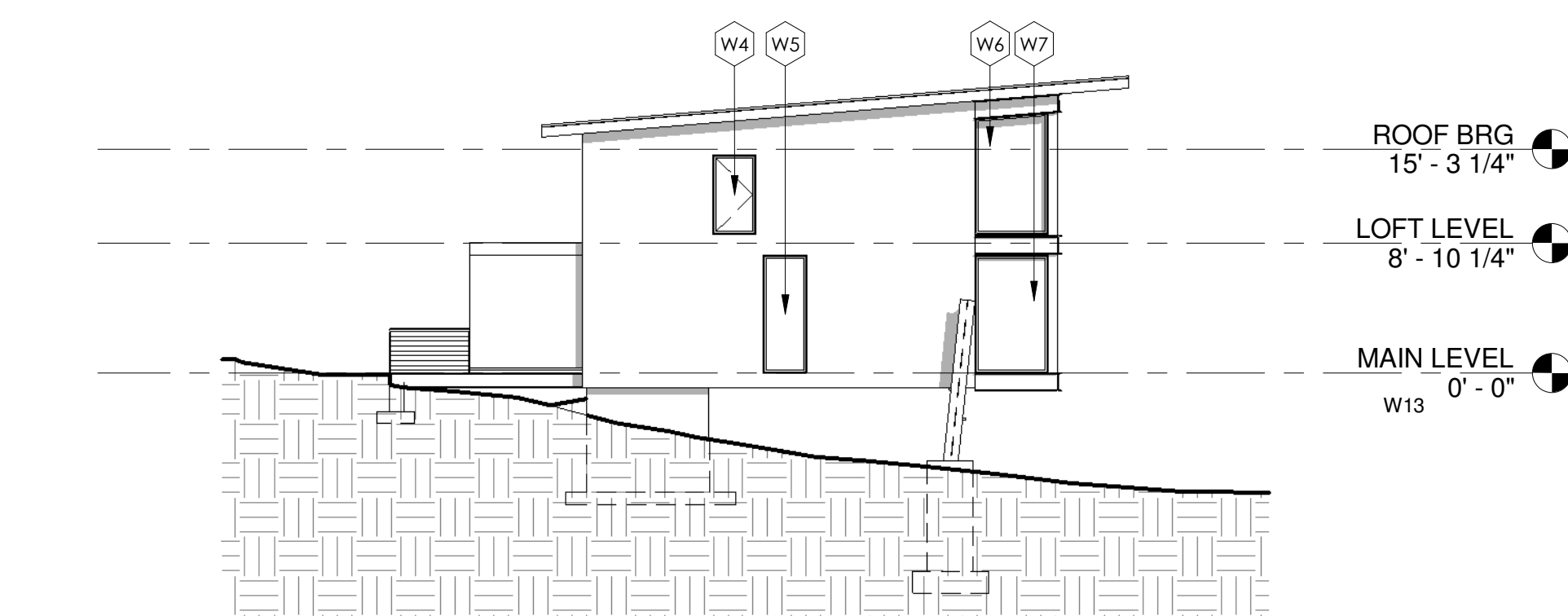
1 NORTH ELEVATION
 3/32" = 1'-0"



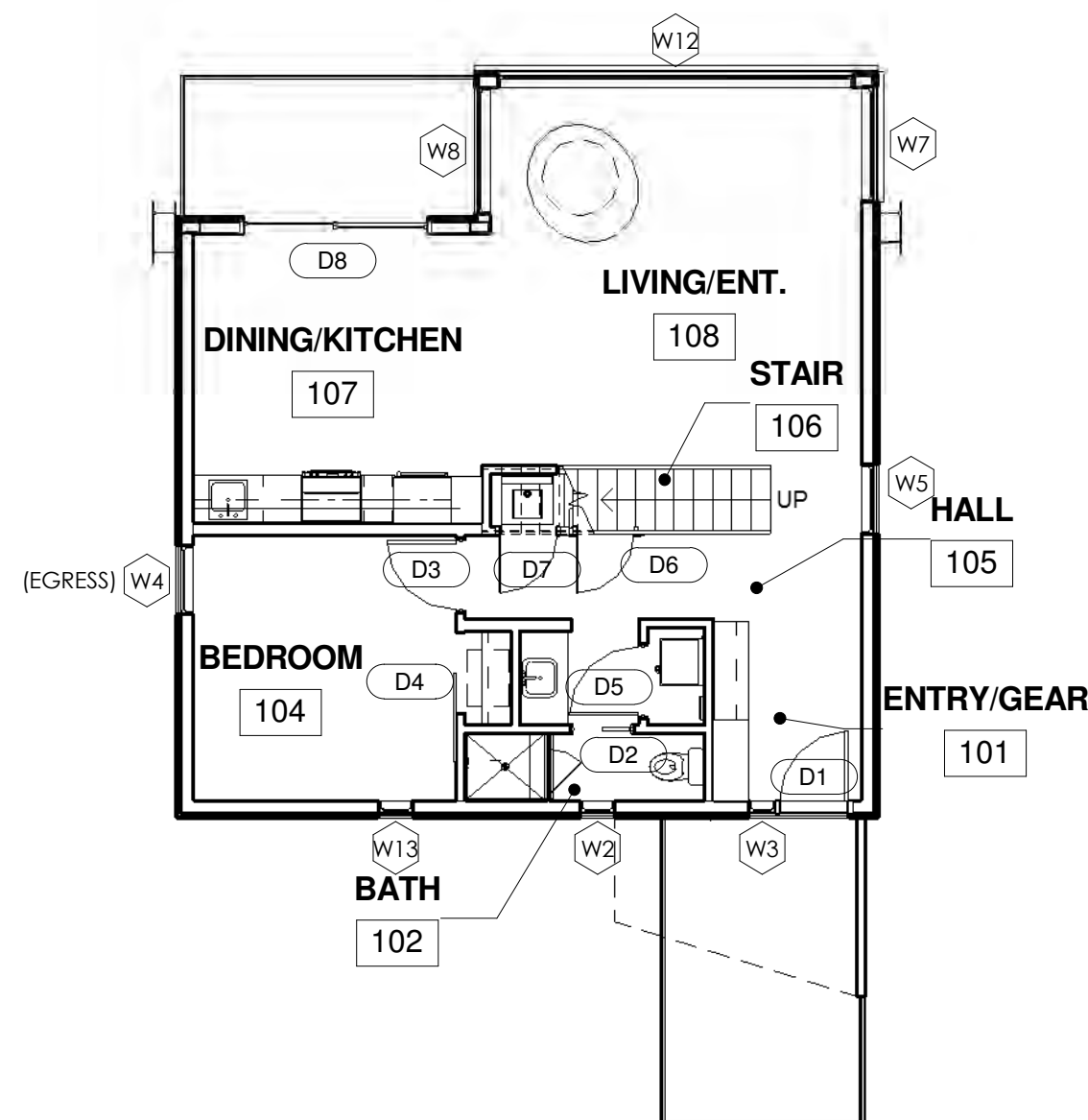
2 EAST ELEVATION
 3/32" = 1'-0"



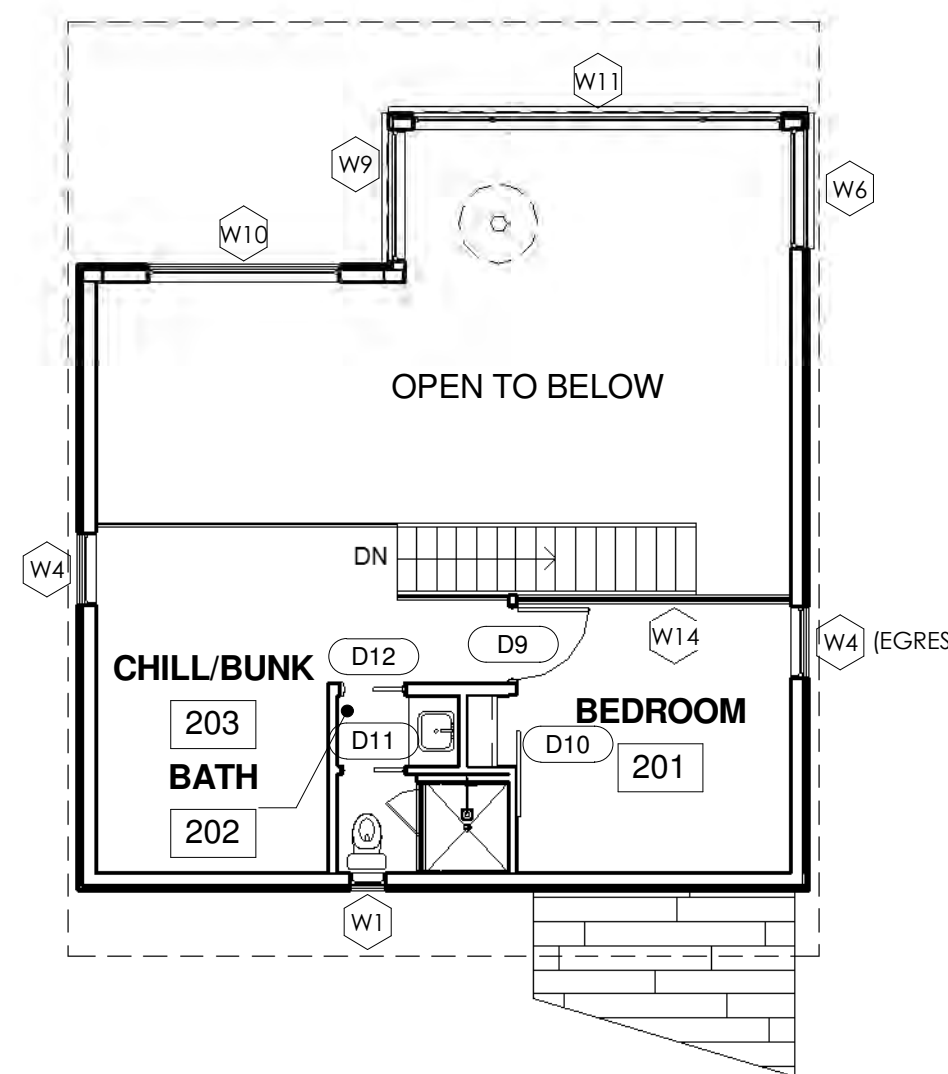
3 SOUTH ELEVATION
 3/32" = 1'-0"



4 WEST ELEVATION
 3/32" = 1'-0"

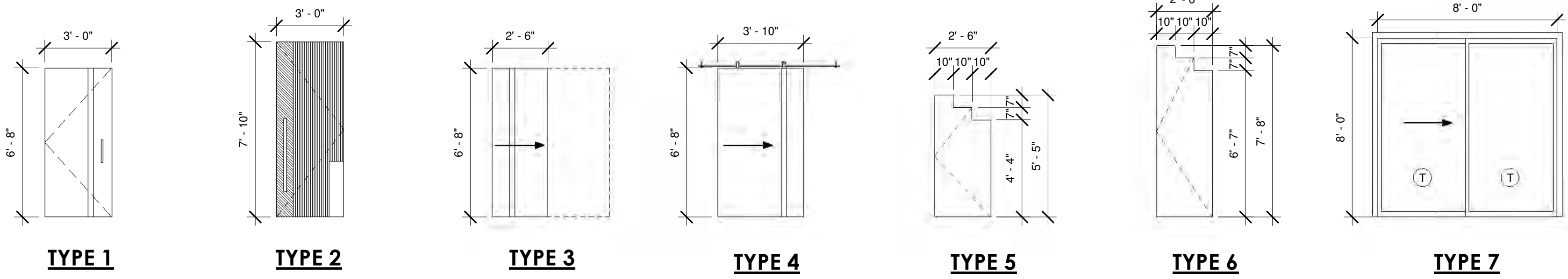


5 MAIN LEVEL
 1/8" = 1'-0"

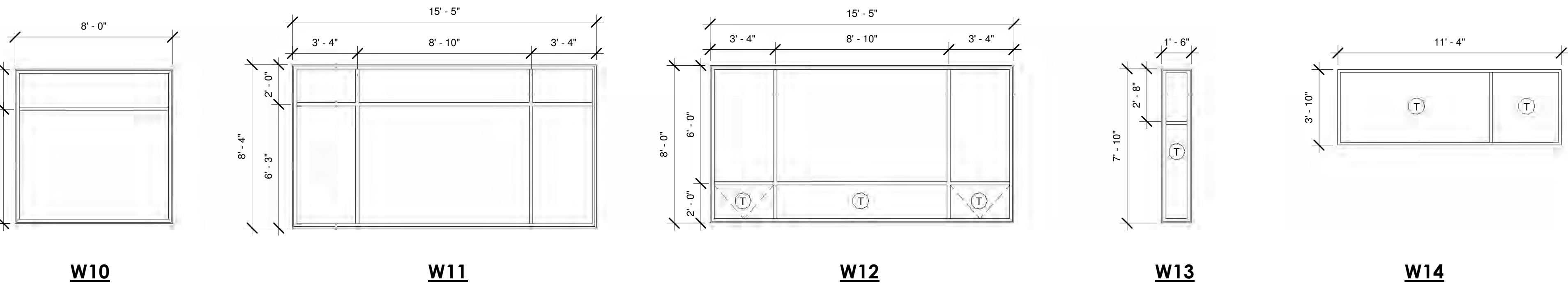
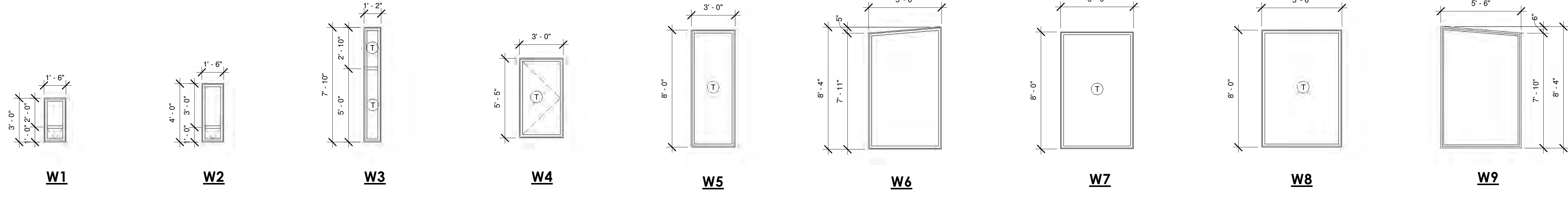


6 LOFT LEVEL
 1/8" = 1'-0"

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS © 2014



1 DOOR TYPES
1/4" = 1'-0"



2 WINDOW TYPES
1/4" = 1'-0"

GENERAL NOTES

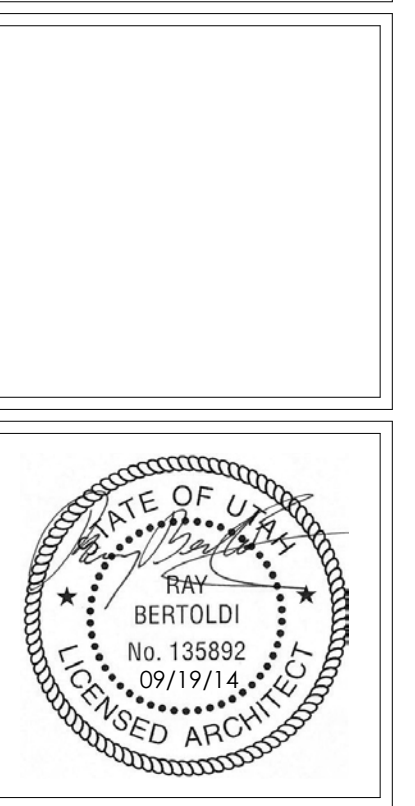
- STOREFRONT WINDOWS ARE TO BE APPROVED BY ARCHITECT/OWNER PRIOR TO CONSTRUCTION.
- ALL INTERIOR DOORS ARE TO BE PAINTED SOLID WOOD DOORS.
- ALL SHOWER COMPARTMENTS, SLIDING GLASS DOORS, WINDOWS ADJACENT TO DOORS AND OTHER HAZARDOUS AREAS ARE TO HAVE SAFETY GLAZING (IRC R308.4)
- OPERABLE WINDOWS MEETING THE REQUIREMENTS OF IRC R310.1 FOR EMERGENCY ESCAPE AND RESCUE ARE TO BE PROVIDED IN EACH BEDROOM.

KEYED NOTES

T TEMPERED GLASS

BERTOLDI ARCHITECTS
ARCHITECTURE • PLANNING • INTERIORS
2725 HARRISON BLVD. COGDEN, UTAH 84403 PH. 801.476.6330 FX. 801.476.6335

RIDGE NEST - LOT 4
SUMMIT POWDER MOUNTAIN
UTAH 84310



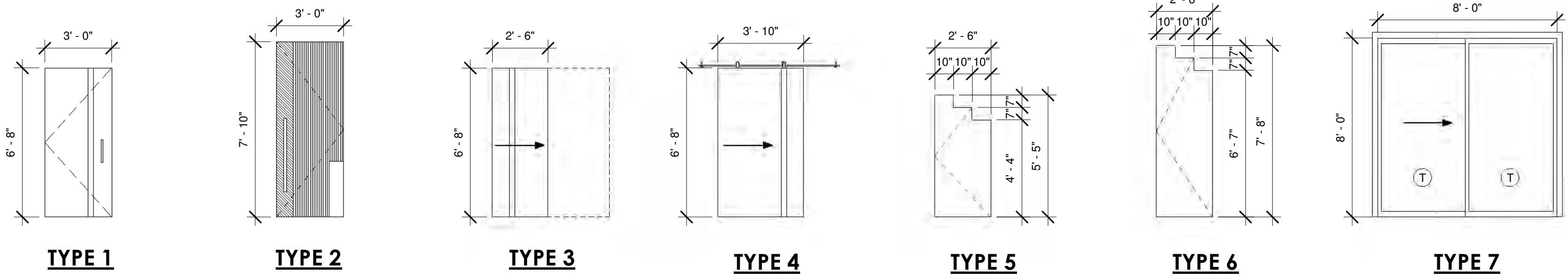
REV.	DATE

PROJECT # 1405
DATE: 09/19/14
TITLE:
OPENING TYPES

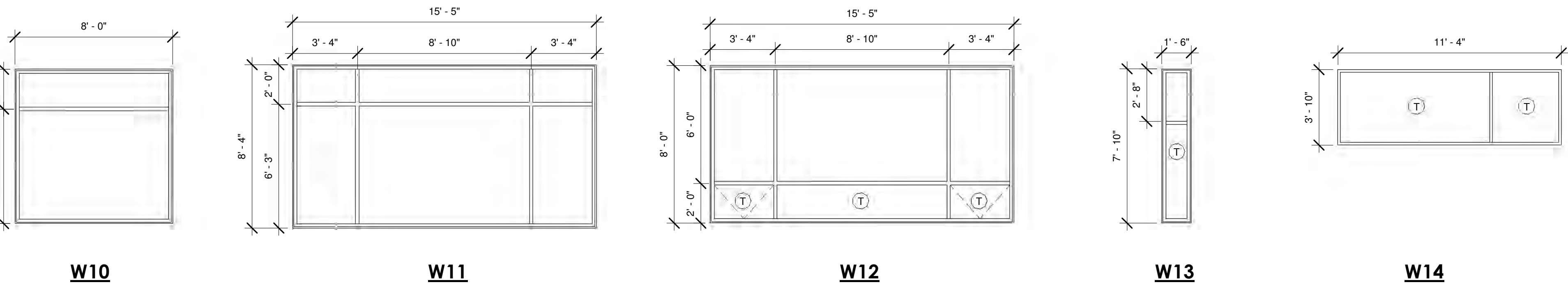
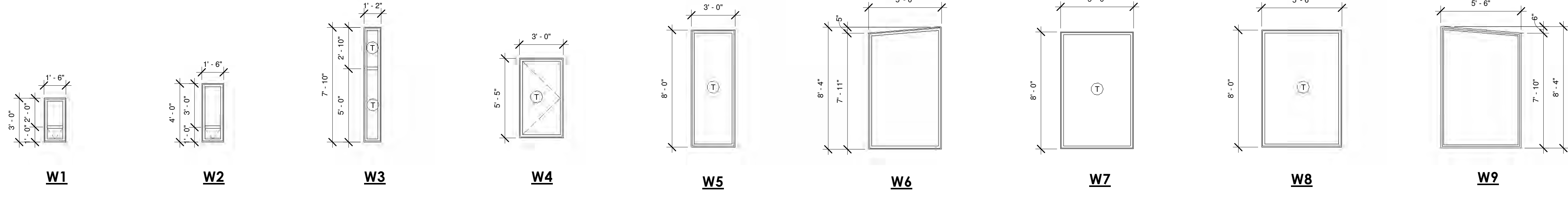
SHEET:
AE-602

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014



1 DOOR TYPES
1/4" = 1'-0"



2 WINDOW TYPES
1/4" = 1'-0"

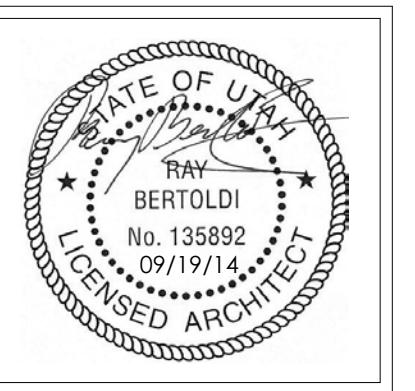
- GENERAL NOTES**
- STOREFRONT WINDOWS ARE TO BE APPROVED BY ARCHITECT/OWNER PRIOR TO CONSTRUCTION.
 - ALL INTERIOR DOORS ARE TO BE PAINTED SOLID WOOD DOORS.
 - ALL SHOWER COMPARTMENTS, SLIDING GLASS DOORS, WINDOWS ADJACENT TO DOORS AND OTHER HAZARDOUS AREAS ARE TO HAVE SAFETY GLAZING (IRC R308.4)
 - OPERABLE WINDOWS MEETING THE REQUIREMENTS OF IRC R310.1 FOR EMERGENCY ESCAPE AND RESCUE ARE TO BE PROVIDED IN EACH BEDROOM.

KEYED NOTES

Ⓣ TEMPERED GLASS

BERTOLDI ARCHITECTS
ARCHITECTURE • PLANNING • INTERIORS
2725 HARRISON BLVD. COGDEN, UTAH 84403 PH. 801.476.6330 FX. 801.476.6335

RIDGE NEST - LOT 4
SUMMIT POWDER MOUNTAIN
UTAH 84310



REV.	DATE


PROJECT # 1405
DATE: 09/19/14
TITLE:
OPENING TYPES

SHEET:
AE-602

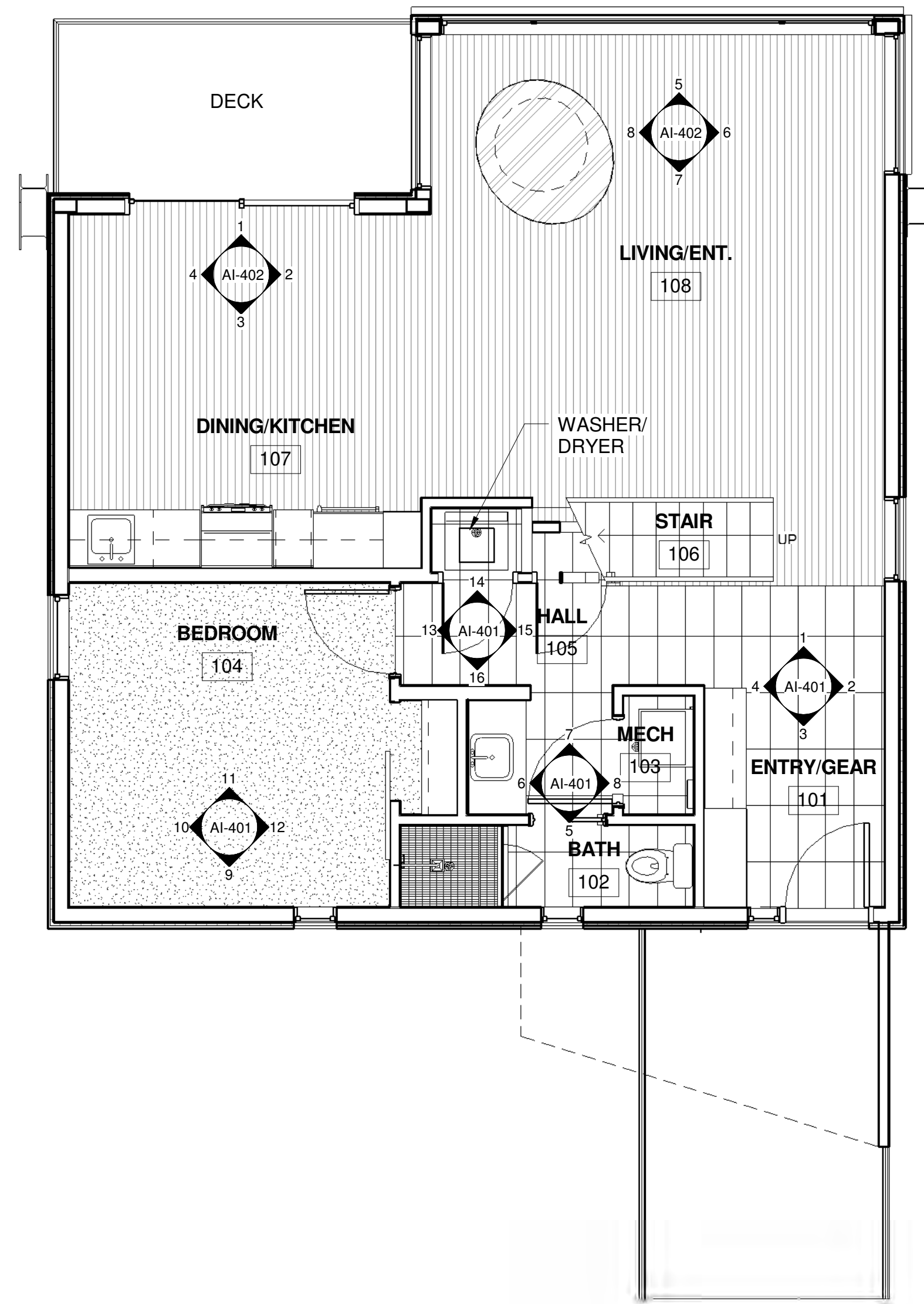
NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014

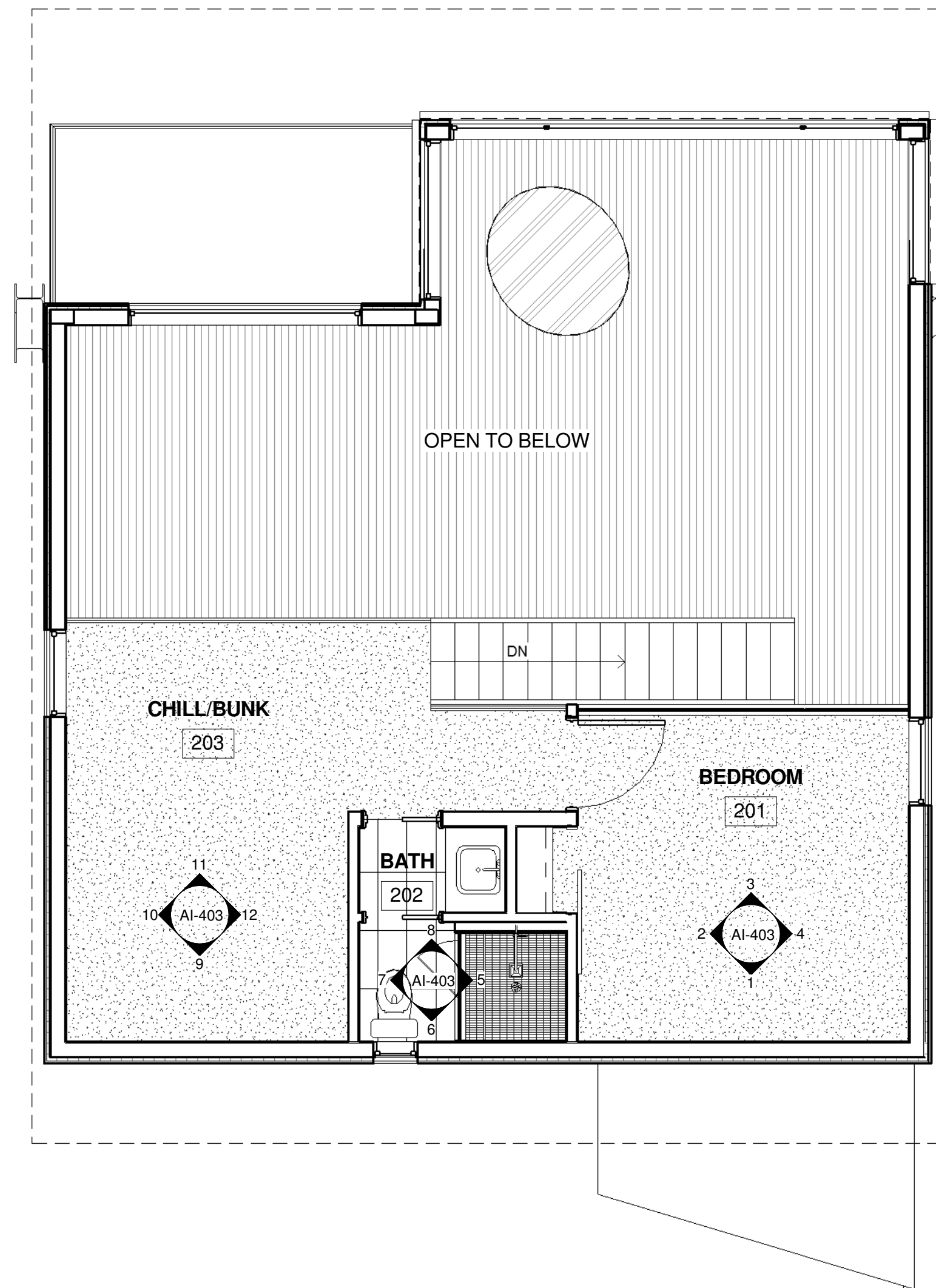
SYMBOL KEY

-  PRE-FINISHED WOOD, COLOR COORD. W/ ARCHITECT
-  12" X 24" NEXTRA BIANCO TILE
-  1" X 3" SHADES CROSSVILLE SBC3 WHITE MOSAIC TILE
-  MANNINGTON SERIKOS II. PASSPORT CARPET
-  RECESSED METAL

RIDGE NEST - LOT 4
 SUMMIT POWDER MOUNTAIN
 UTAH 84310



1 MAIN LEVEL
 1/4" = 1'-0"



2 LOFT LEVEL
 1/4" = 1'-0"

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS © 2014

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



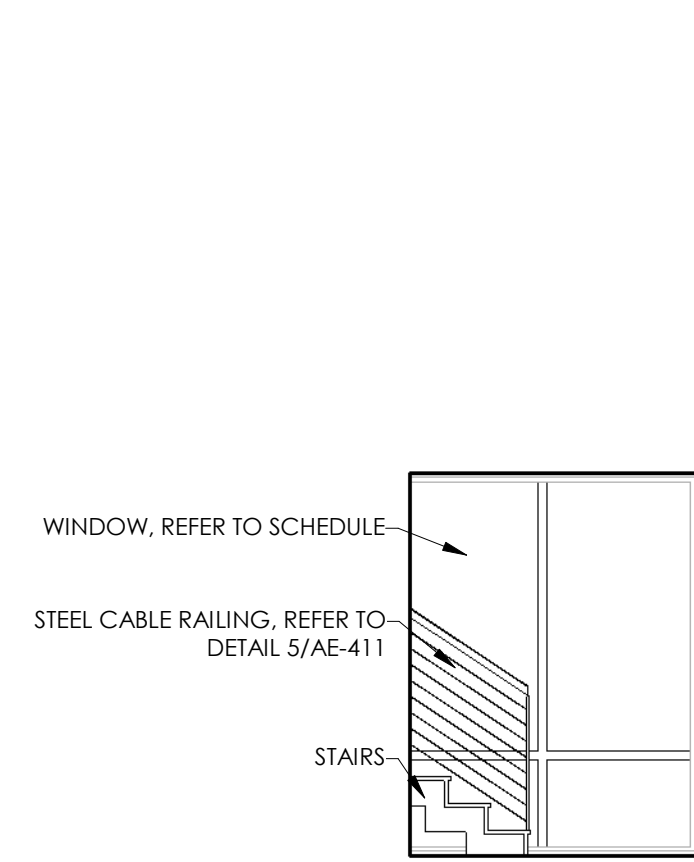
REV.	DATE

PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 MAIN AND LOFT LEVEL FINISH PLAN

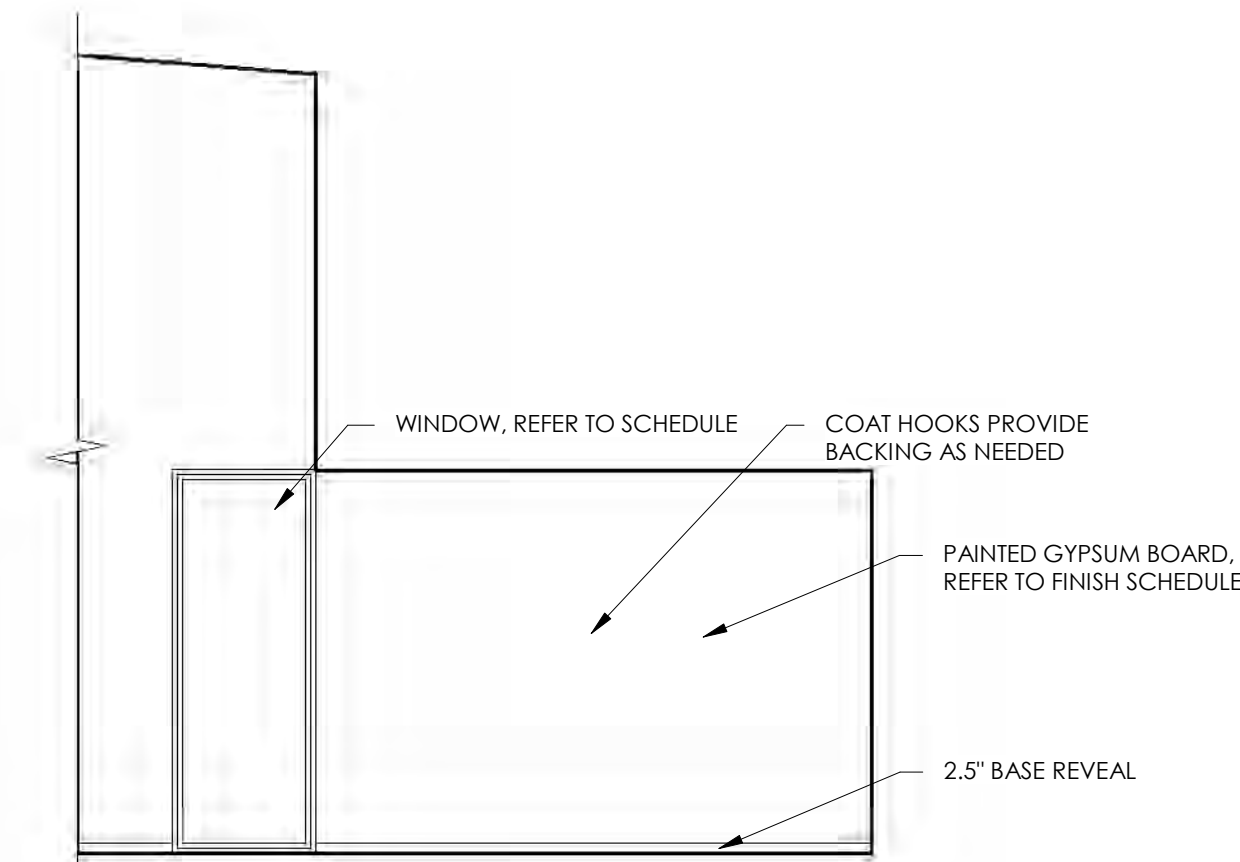
SHEET:
AI-101

GENERAL NOTES

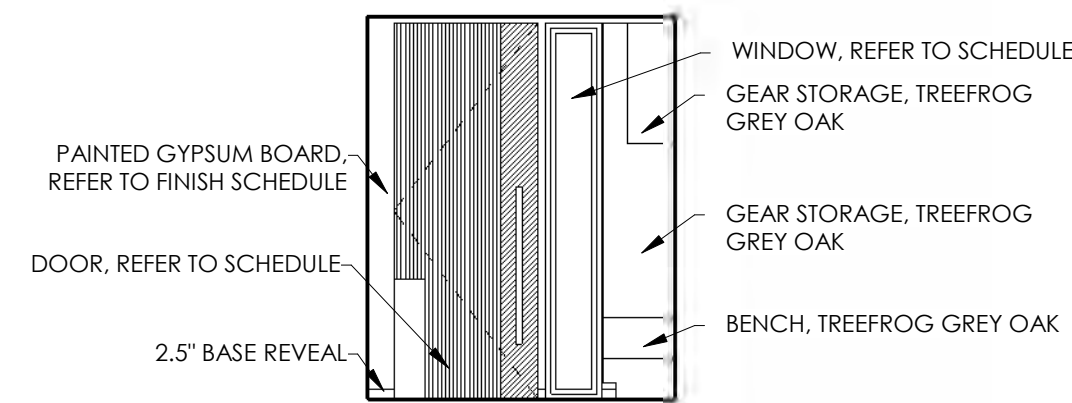
- A. ALL DIMENSION FOR CABINERY SHALL BE FIELD MEASURED AND VERIFIED.
- B. ALL SHELVES TO BE 1" THICK UNLESS OTHERWISE NOTED.
- C. COORDINATE EXACT CABINERY LAYOUTS, COLORS, ETC WITH ARCH./OWNER
- D. REFER TO APPLIANCE SCHEDULE FOR ALL SPECIFICATIONS.
- E. REFER TO TILE SCHEDULE FOR ALL SPECIFICATIONS.
- F. CONTRACTOR TO COORDINATE PAINT COLOR & LOCATIONS WITH OWNER & ARCHITECT.
- G. CABINERY TO INCLUDE SPECIALTY FEATURES, I.E. SPICE RACKS, PULL OUTS, TRAY COMPARTMENTS, ETC.
- H. CROWN MOLDING TO BE APPLIED IN ALL AREAS, COORDINATE WITH ARCHITECT/OWNER.



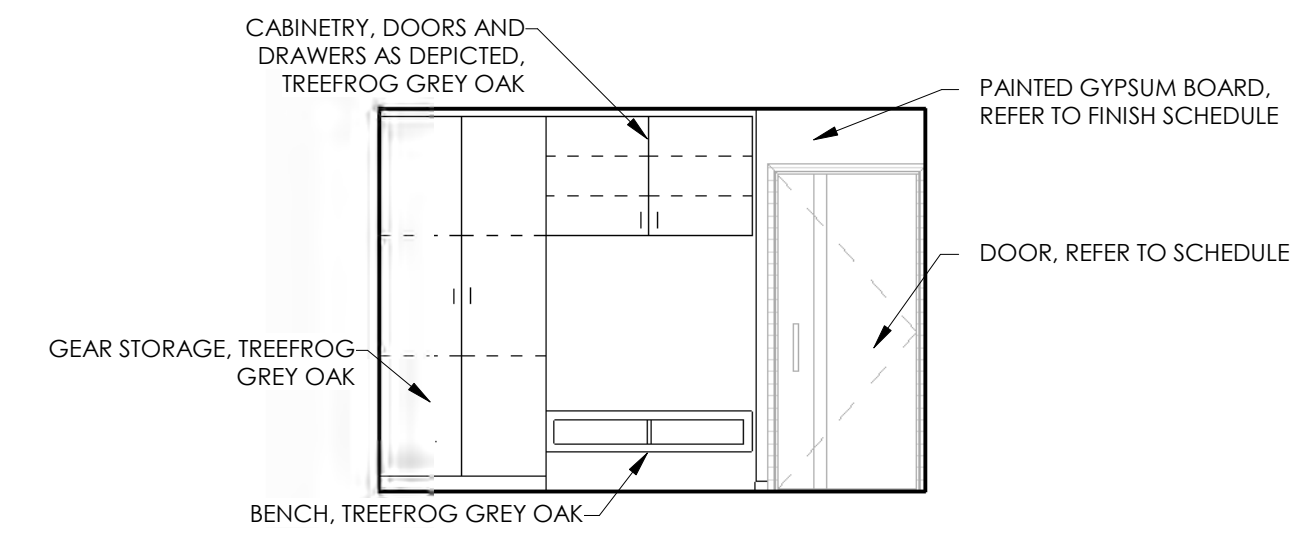
1 ENTRY/GEAR 101
1/4" = 1'-0"



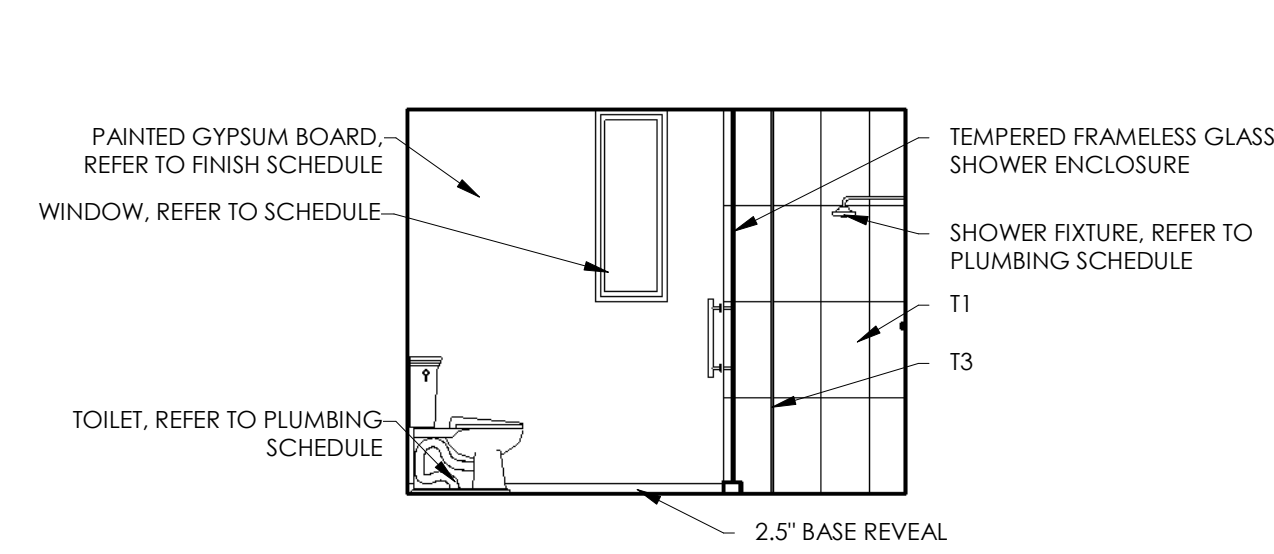
2 ENTRY/GEAR 101
1/4" = 1'-0"



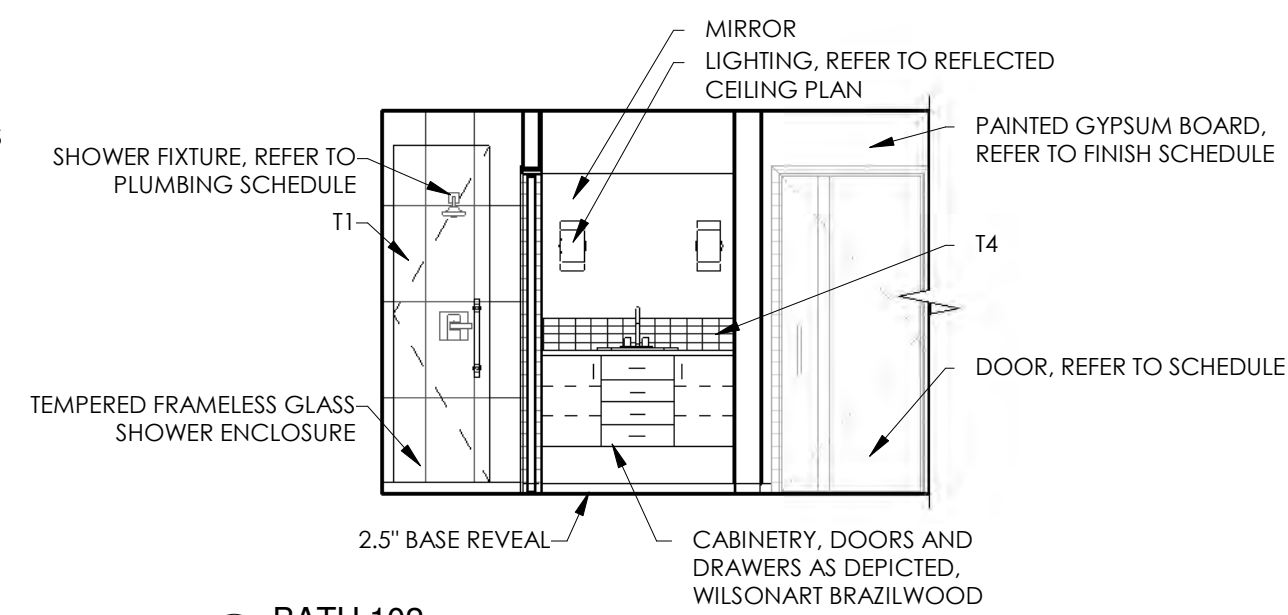
3 ENTRY/GEAR 101
1/4" = 1'-0"



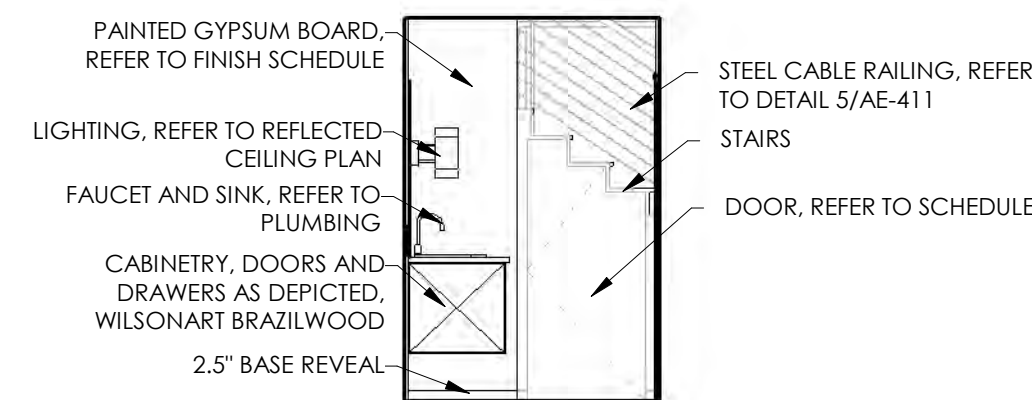
4 ENTRY/GEAR 101
1/4" = 1'-0"



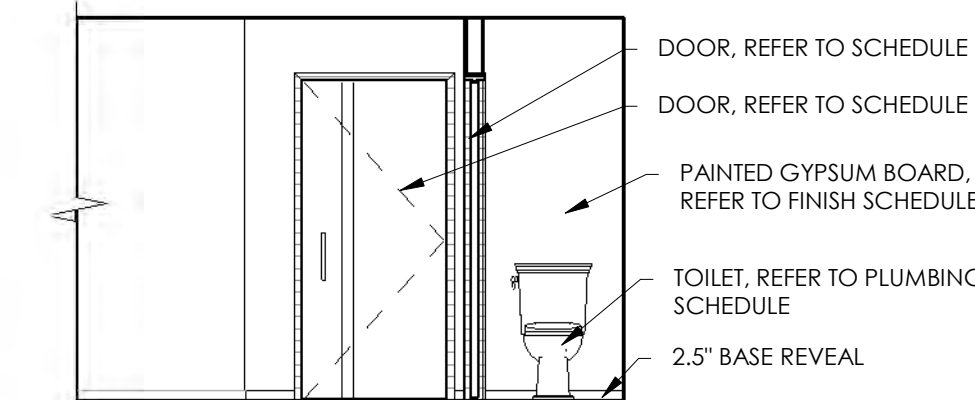
5 BATH 102
1/4" = 1'-0"



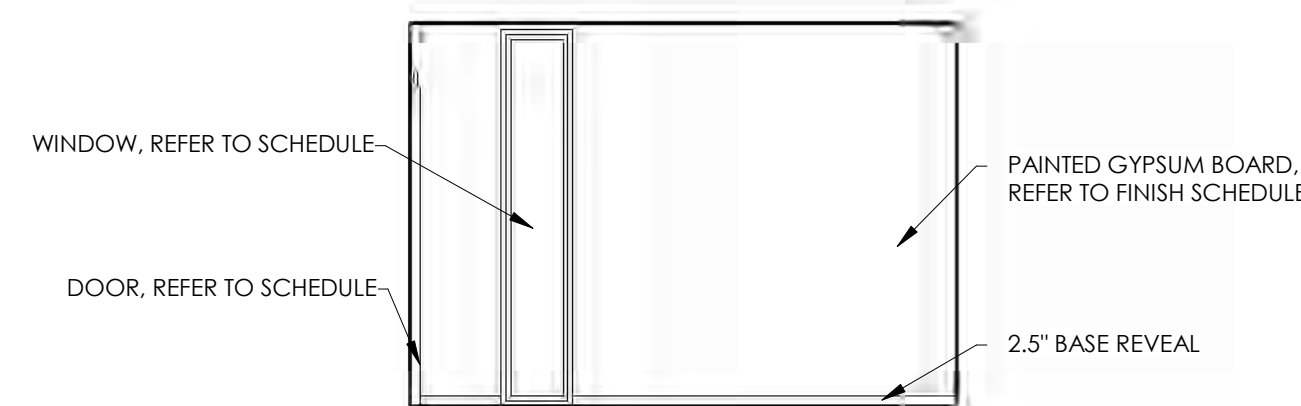
6 BATH 102
1/4" = 1'-0"



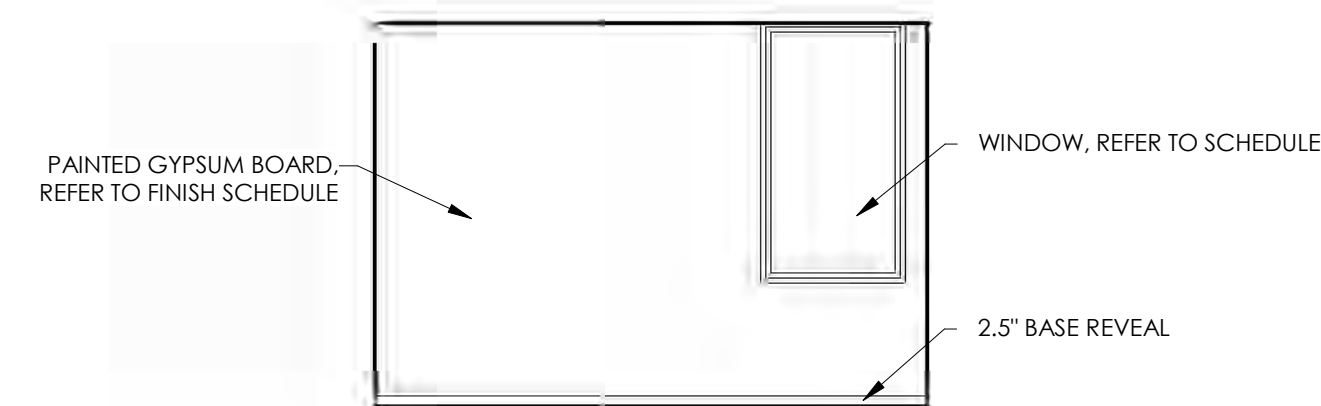
7 BATH 102
1/4" = 1'-0"



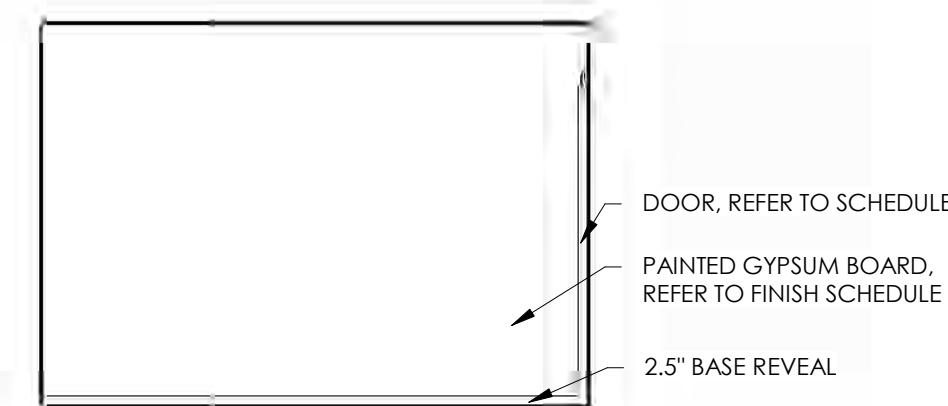
8 BATH 102
1/4" = 1'-0"



9 BEDROOM 104
1/4" = 1'-0"



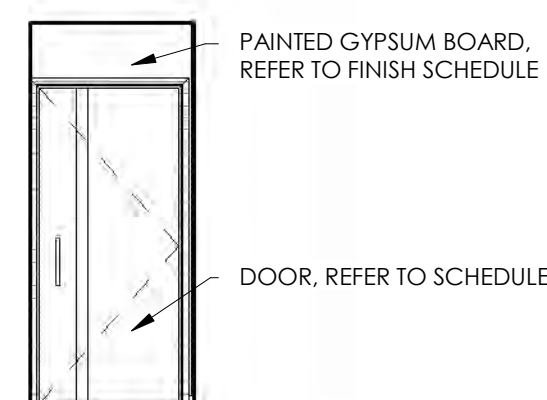
10 BEDROOM 104
1/4" = 1'-0"



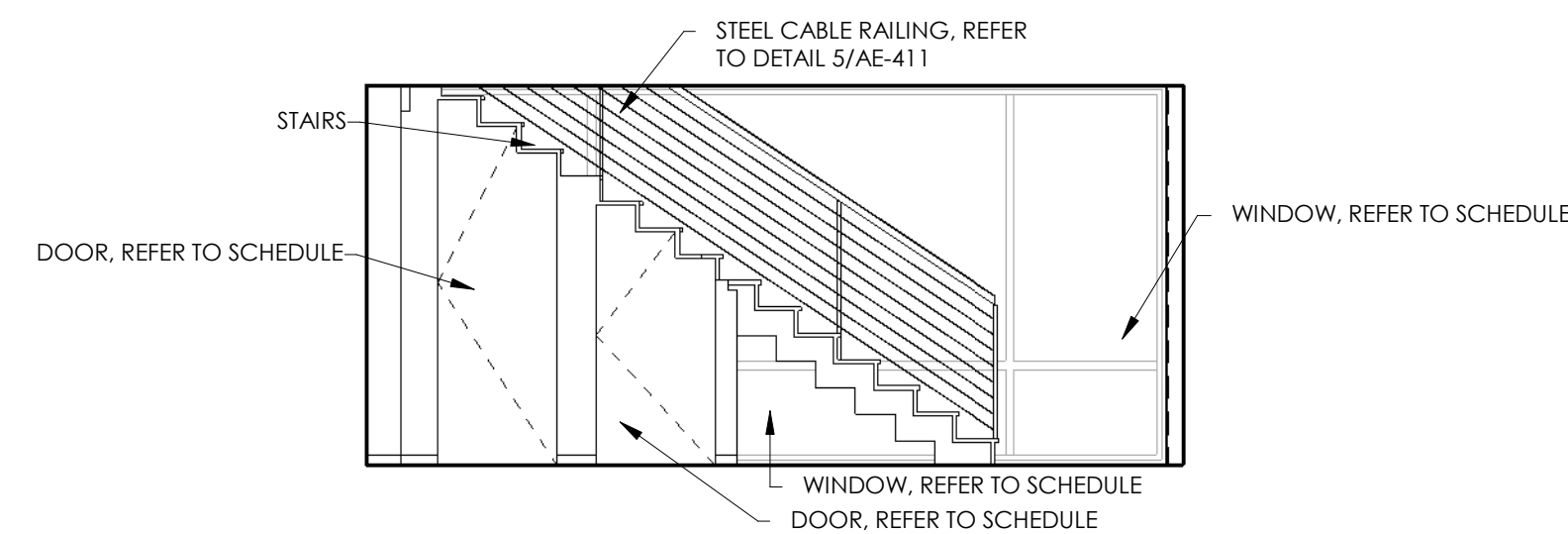
11 BEDROOM 104
1/4" = 1'-0"



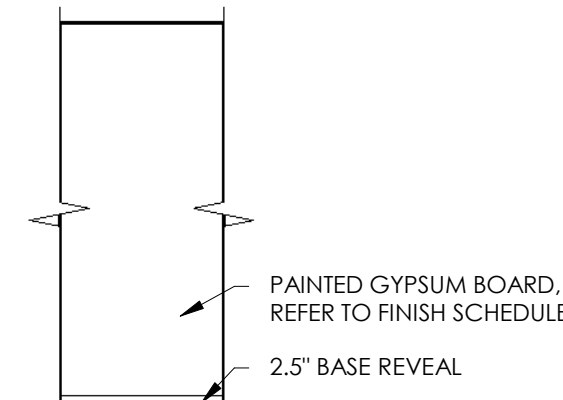
12 BEDROOM 104
1/4" = 1'-0"



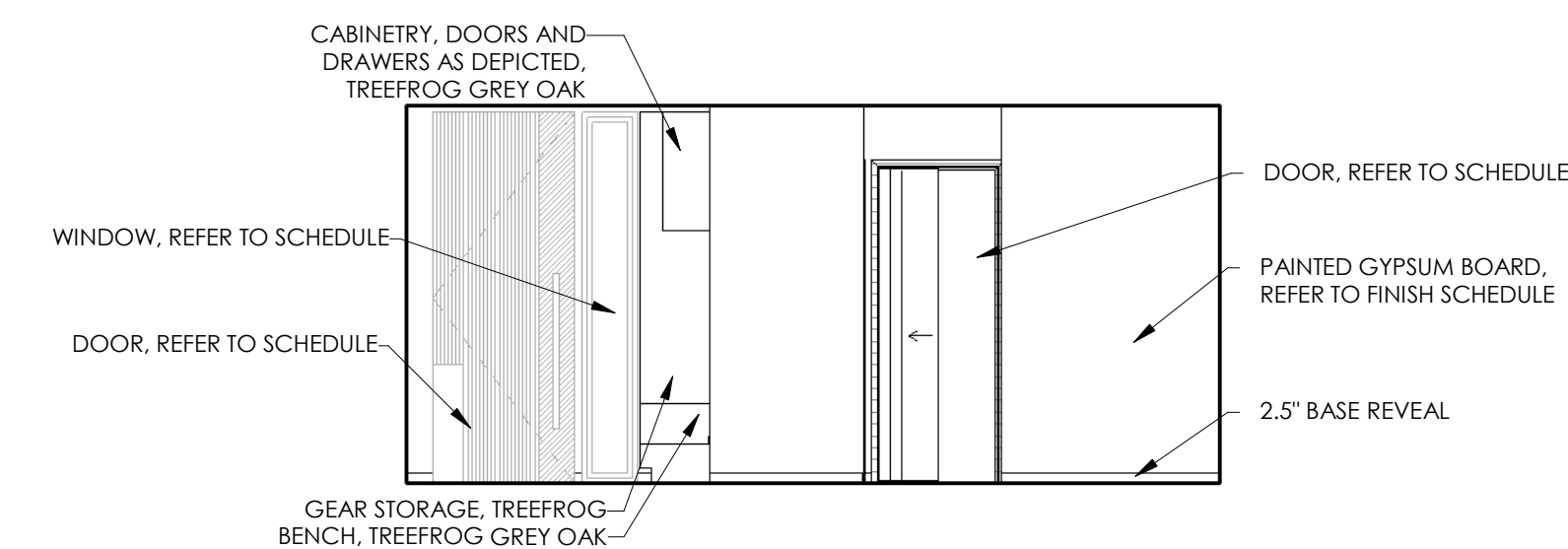
13 HALL 105
1/4" = 1'-0"



14 HALL 105
1/4" = 1'-0"



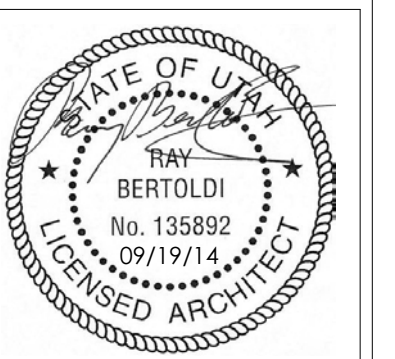
15 HALL 105
1/4" = 1'-0"



16 HALL 105
1/4" = 1'-0"

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS, C. 2014

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



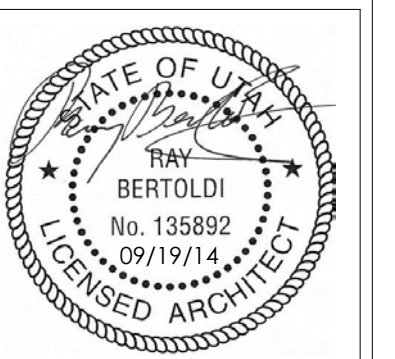
REV.	DATE

PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 INTERIOR ELEVATIONS

SHEET:
AI-401

GENERAL NOTES

- A. ALL DIMENSION FOR CABINERY SHALL BE FIELD MEASURED AND VERIFIED.
- B. ALL SHELVES TO BE 1" THICK UNLESS OTHERWISE NOTED.
- C. COORDINATE EXACT CABINERY LAYOUTS, COLORS, ETC WITH ARCH./OWNER
- D. REFER TO APPLIANCE SCHEDULE FOR ALL SPECIFICATIONS.
- E. REFER TO TILE SCHEDULE FOR ALL SPECIFICATIONS.
- F. CONTRACTOR TO COORDINATE PAINT COLOR & LOCATIONS WITH OWNER & ARCHITECT.
- G. CABINERY TO INCLUDE SPECIALTY FEATURES, I.E. SPICE RACKS, PULL OUTS, TRAY COMPARTMENTS, ETC.
- H. CROWN MOLDING TO BE APPLIED IN ALL AREAS, COORDINATE WITH ARCHITECT/OWNER.



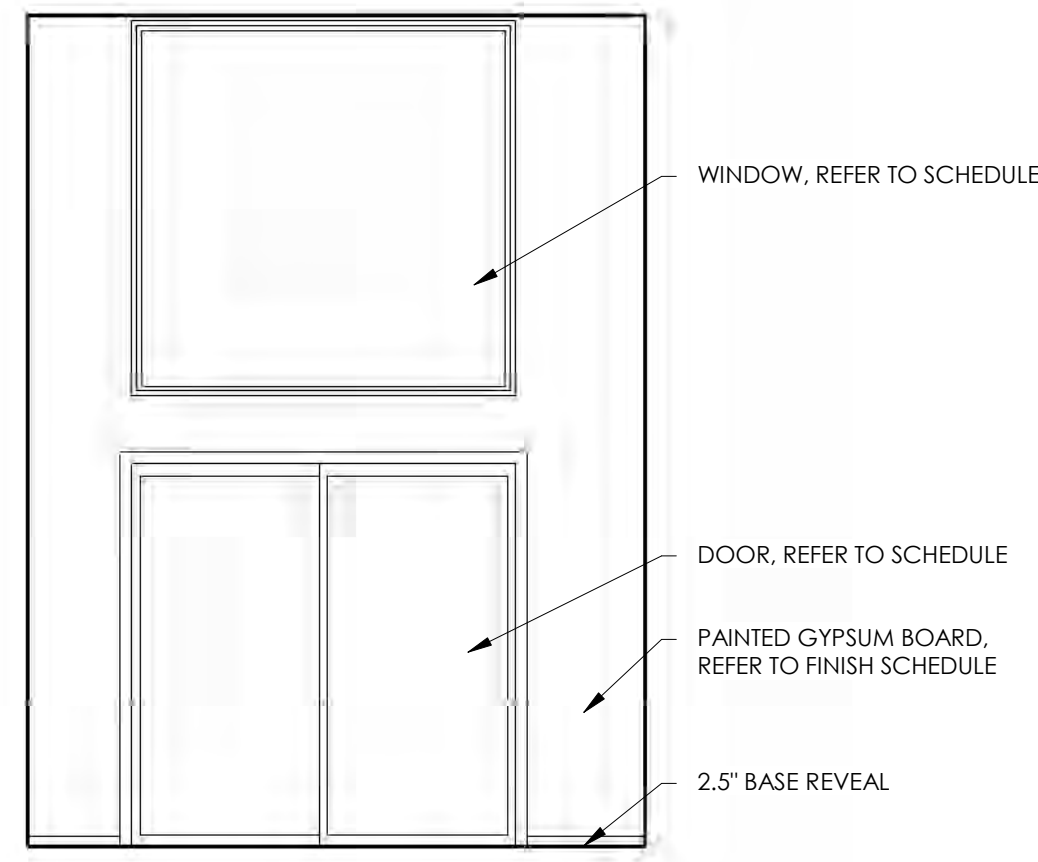
REV.	DATE

PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 INTERIOR ELEVATIONS

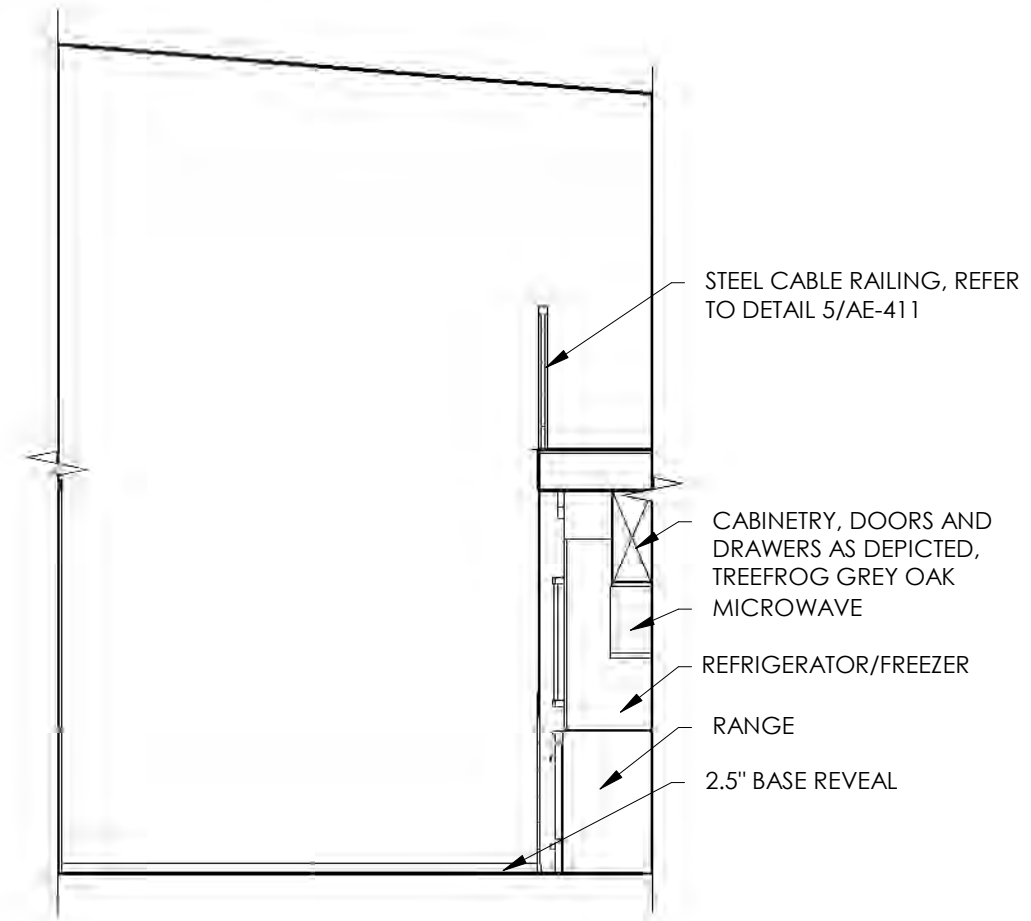
SHEET:
AI-402

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS © 2014

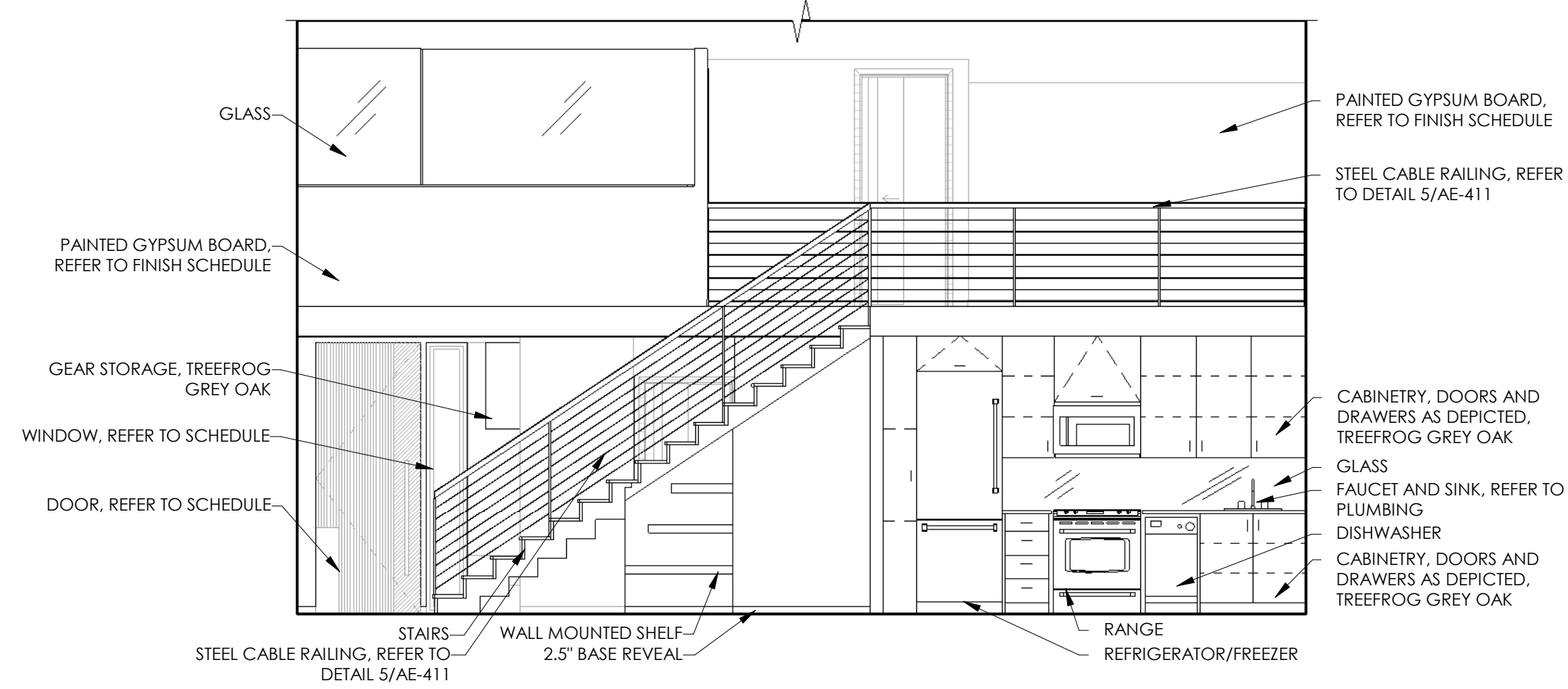
NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



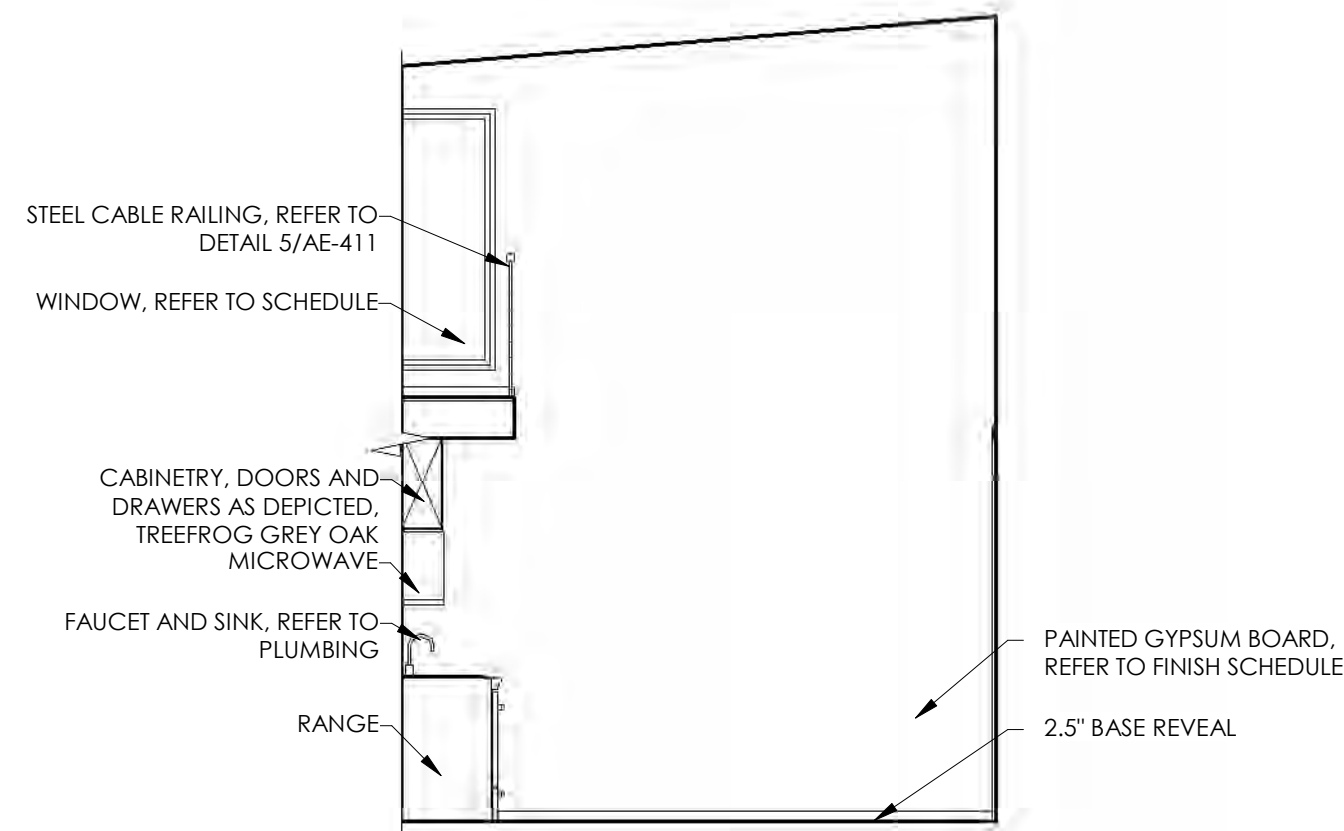
1 DINING/KITCHEN 107
 1/4" = 1'-0"



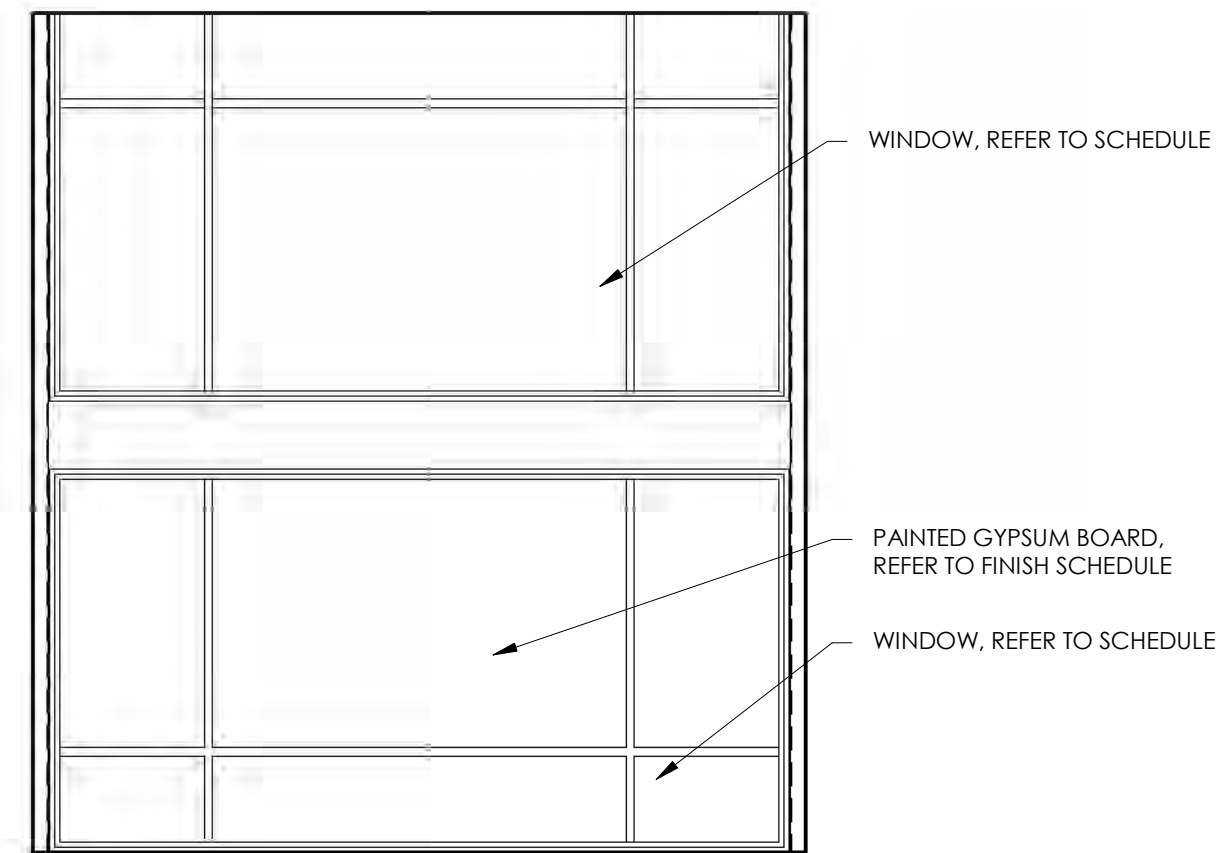
2 DINING/KITCHEN 107
 1/4" = 1'-0"



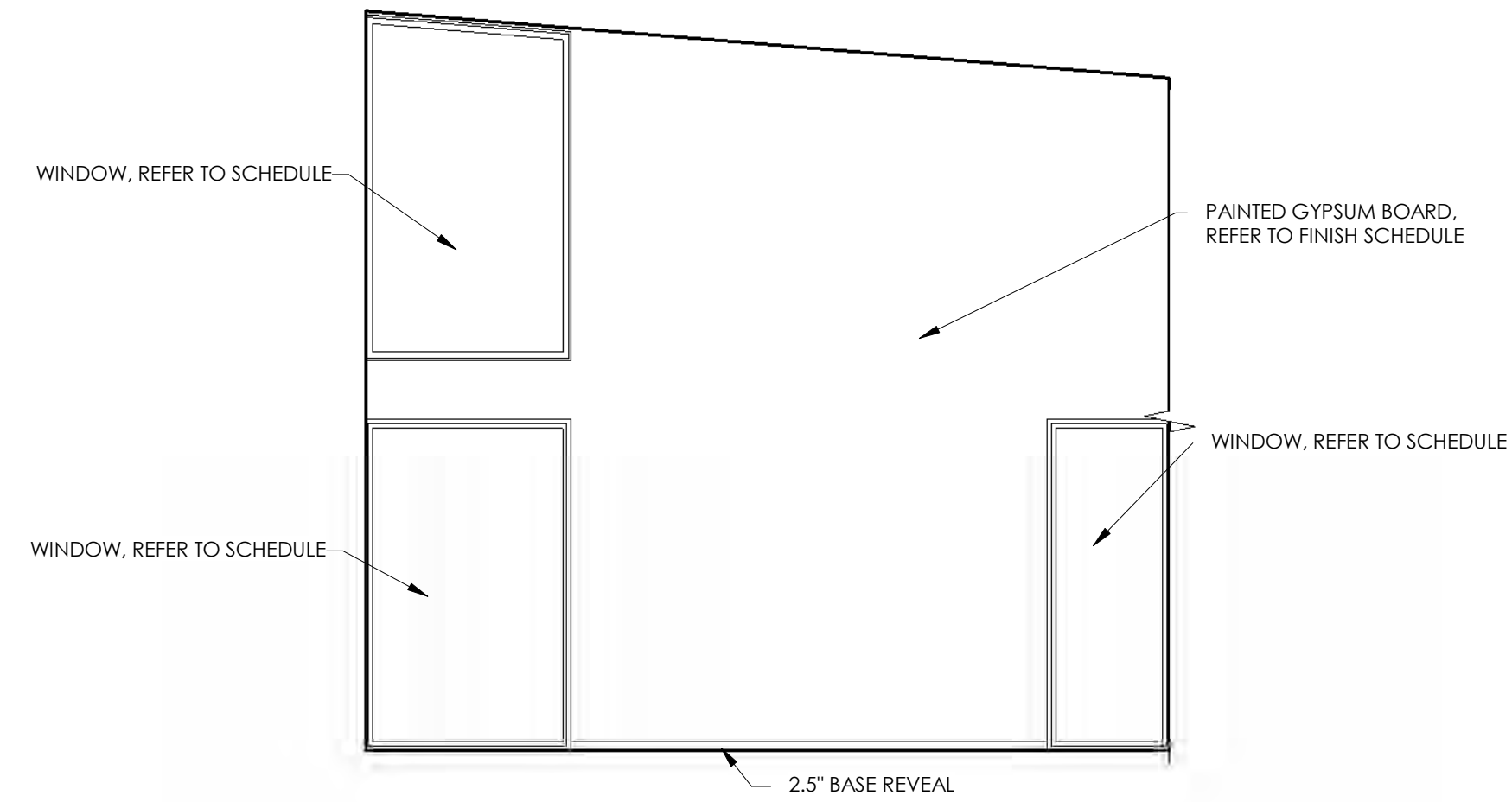
3 DINING/KITCHEN 107
 1/4" = 1'-0"



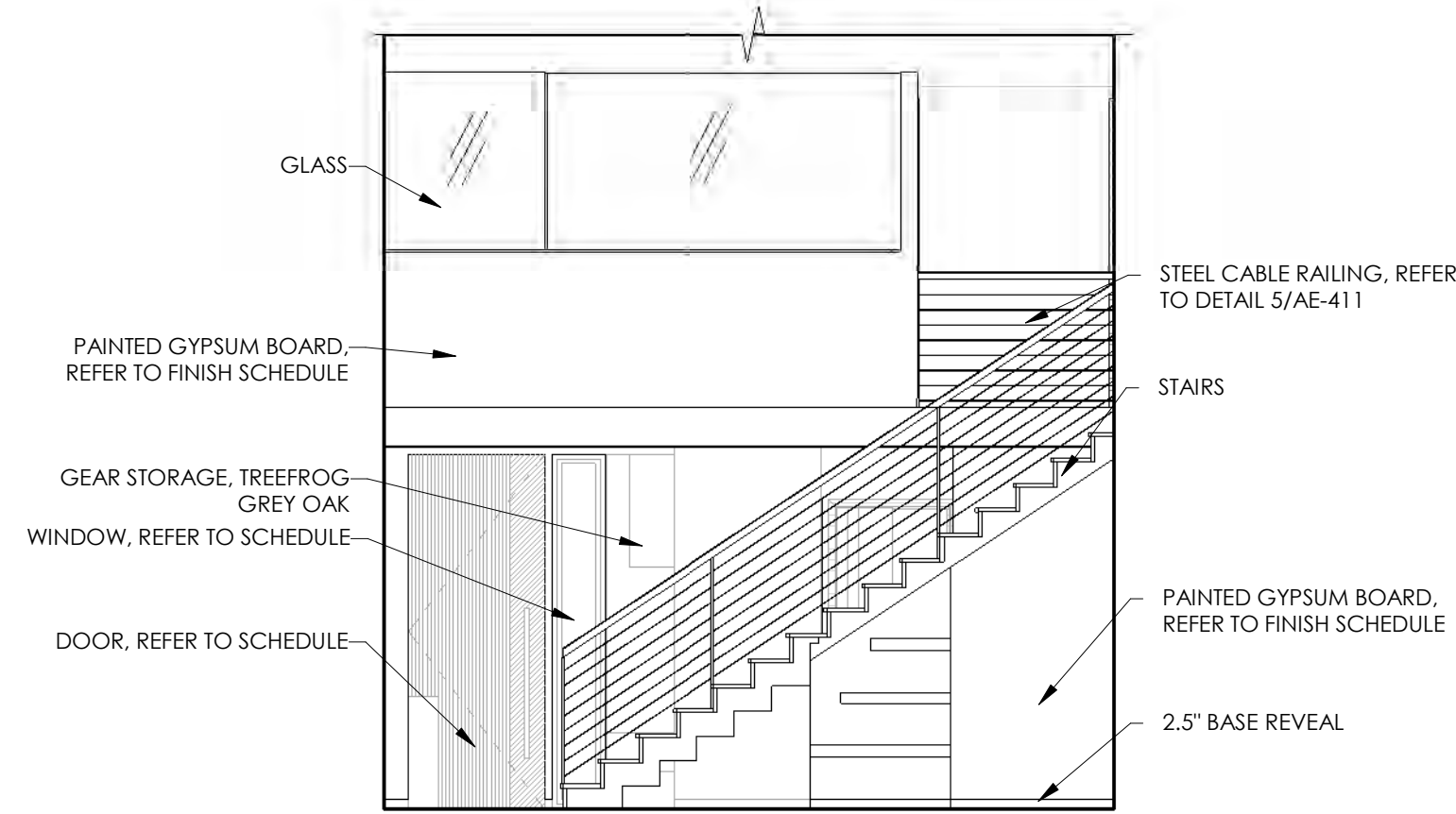
4 DINING/KITCHEN 107
 1/4" = 1'-0"



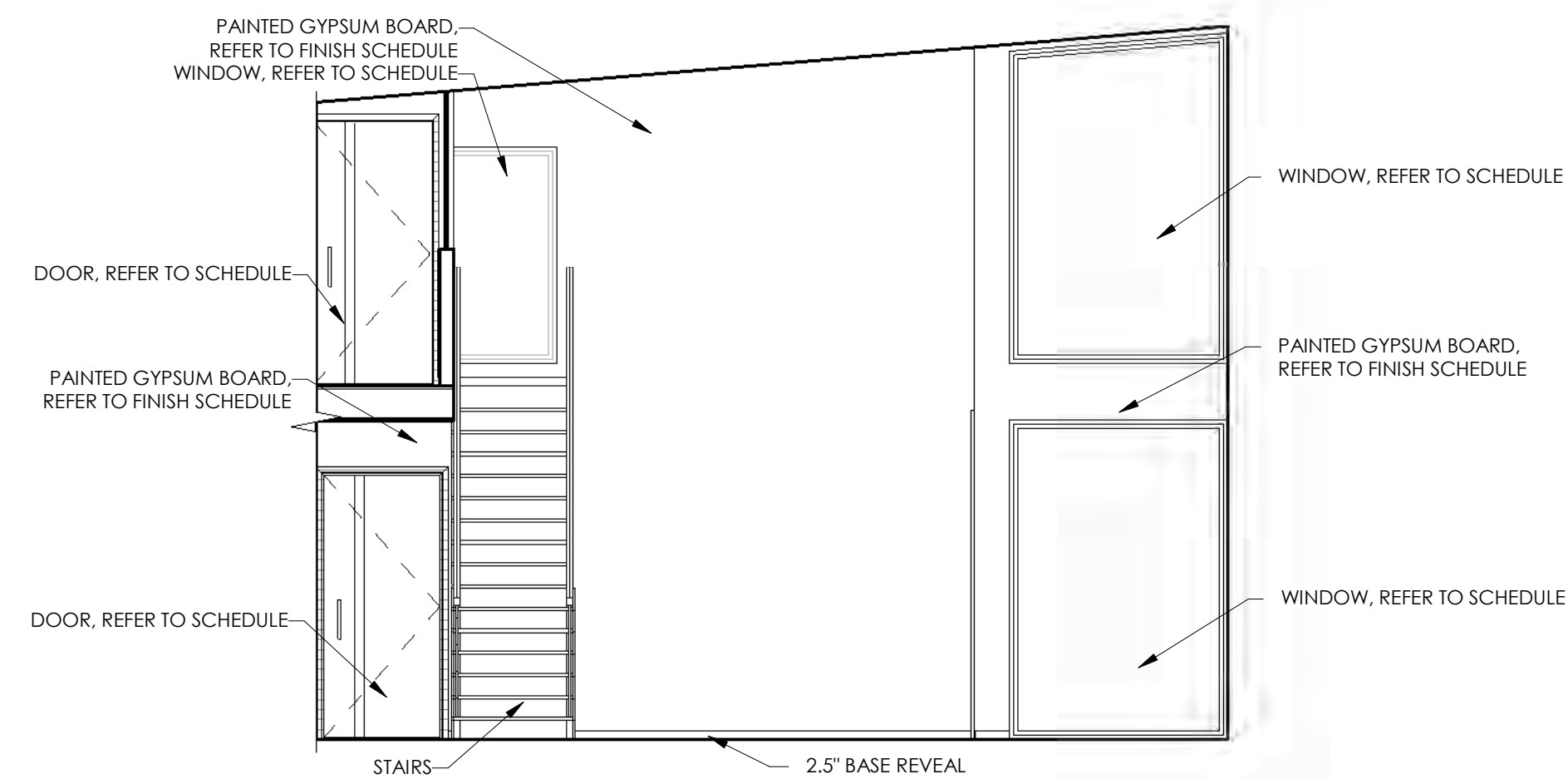
5 LIVING/ENT. 108
 1/4" = 1'-0"



6 LIVING/ENT. 108
 1/4" = 1'-0"



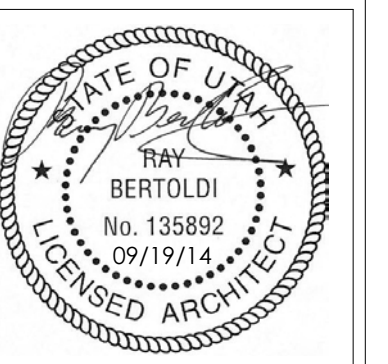
7 LIVING/ENT. 108
 1/4" = 1'-0"



8 LIVING/ENT. 108
 1/4" = 1'-0"

GENERAL NOTES

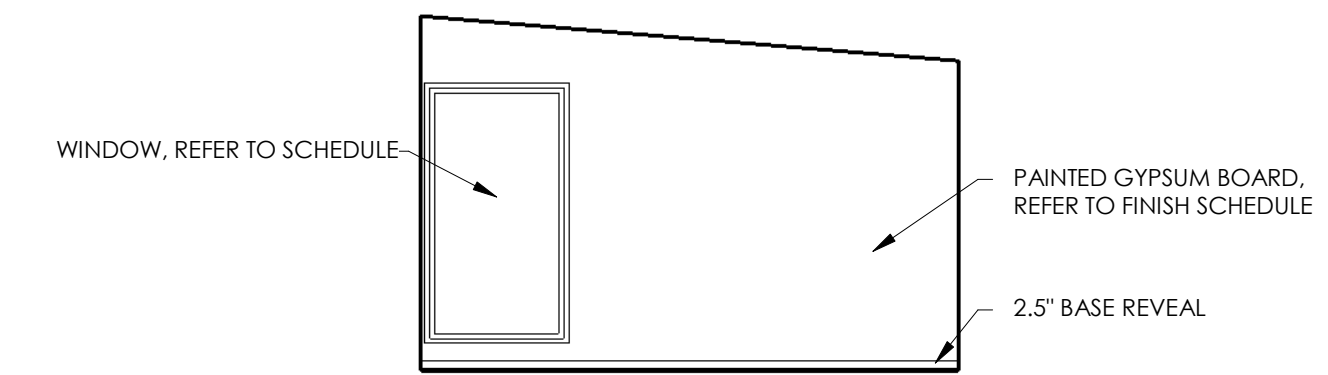
- A. ALL DIMENSION FOR CABINERY SHALL BE FIELD MEASURED AND VERIFIED.
- B. ALL SHELVES TO BE 1" THICK UNLESS OTHERWISE NOTED.
- C. COORDINATE EXACT CABINERY LAYOUTS, COLORS, ETC WITH ARCH./OWNER
- D. REFER TO APPLIANCE SCHEDULE FOR ALL SPECIFICATIONS.
- E. REFER TO TILE SCHEDULE FOR ALL SPECIFICATIONS.
- F. CONTRACTOR TO COORDINATE PAINT COLOR & LOCATIONS WITH OWNER & ARCHITECT.
- G. CABINERY TO INCLUDE SPECIALTY FEATURES, I.E. SPICE RACKS, PULL OUTS, TRAY COMPARTMENTS, ETC.
- H. CROWN MOLDING TO BE APPLIED IN ALL AREAS, COORDINATE WITH ARCHITECT/OWNER.



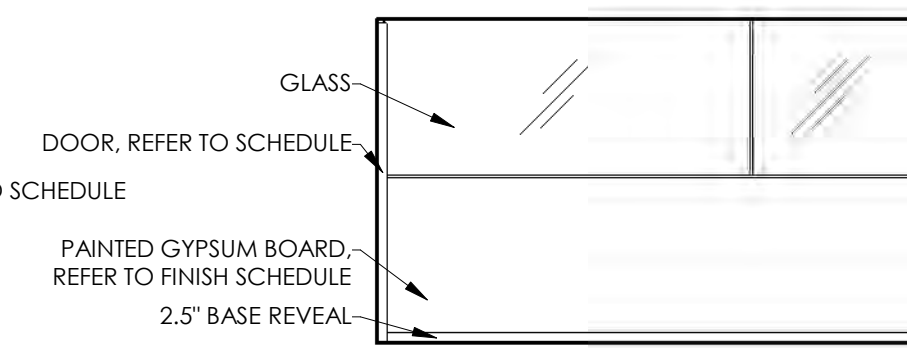
REV.	DATE

PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 INTERIOR ELEVATIONS

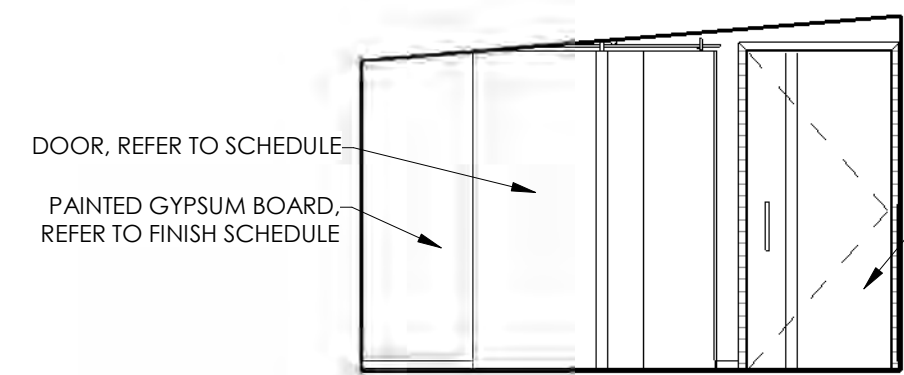
NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.



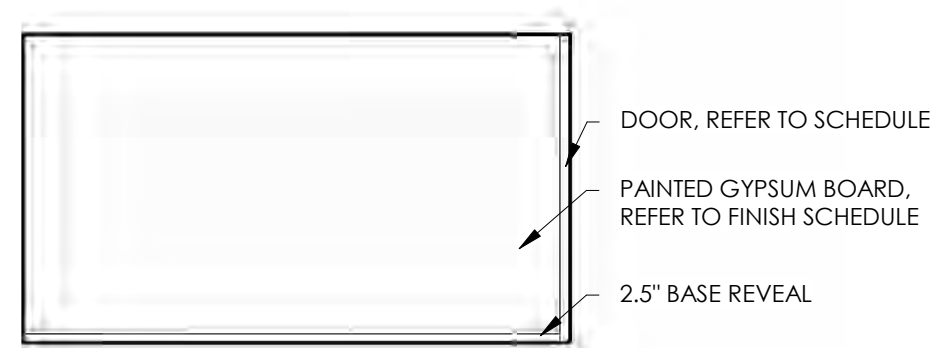
4 BEDROOM 201
 1/4" = 1'-0"



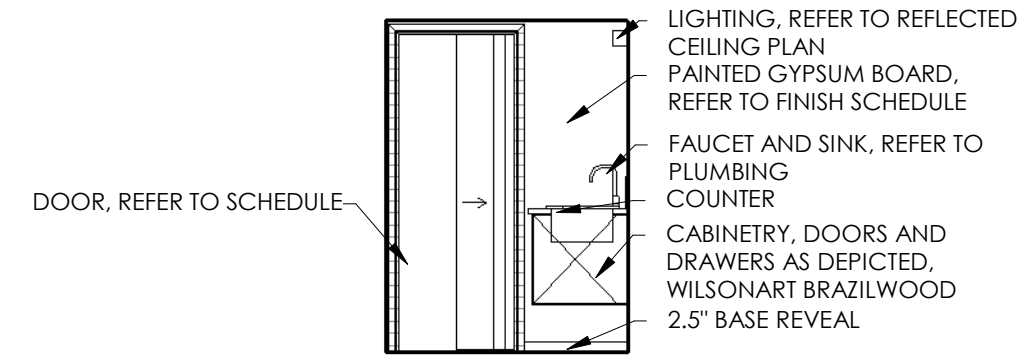
3 BEDROOM 201
 1/4" = 1'-0"



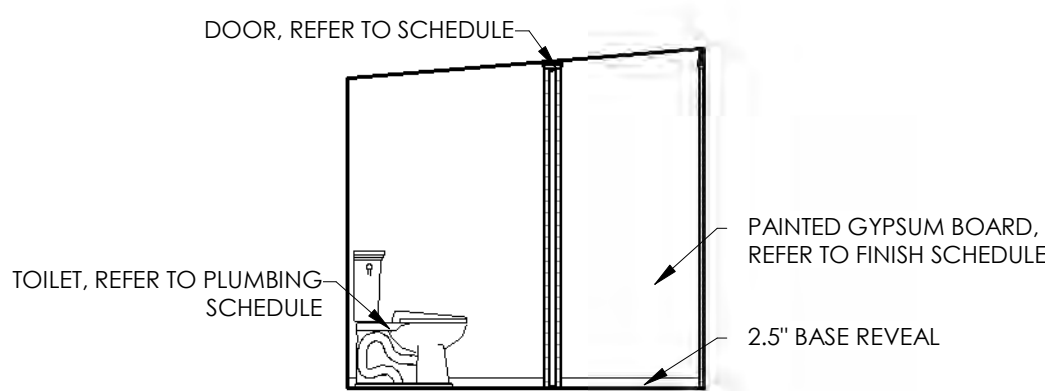
2 BEDROOM 201
 1/4" = 1'-0"



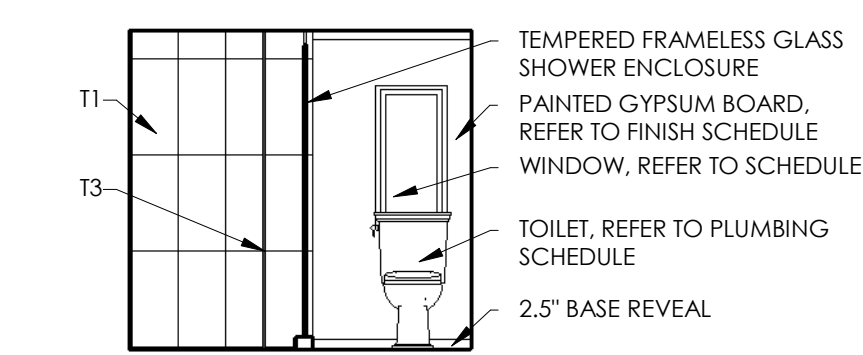
1 BEDROOM 201
 1/4" = 1'-0"



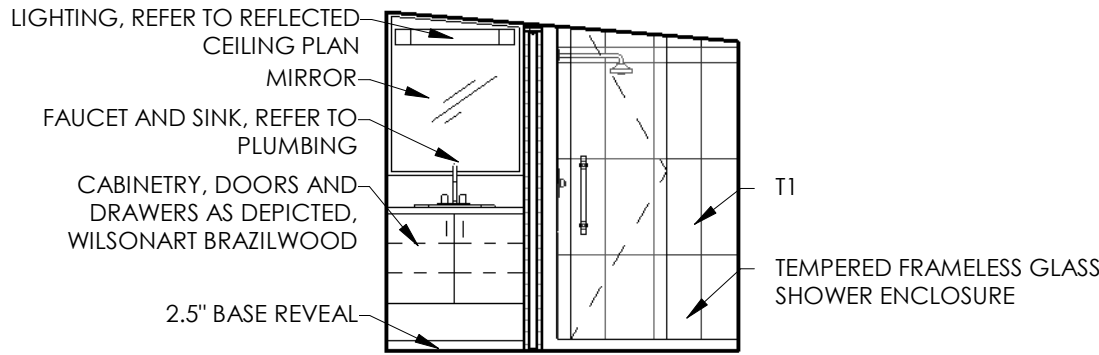
8 BATH 202
 1/4" = 1'-0"



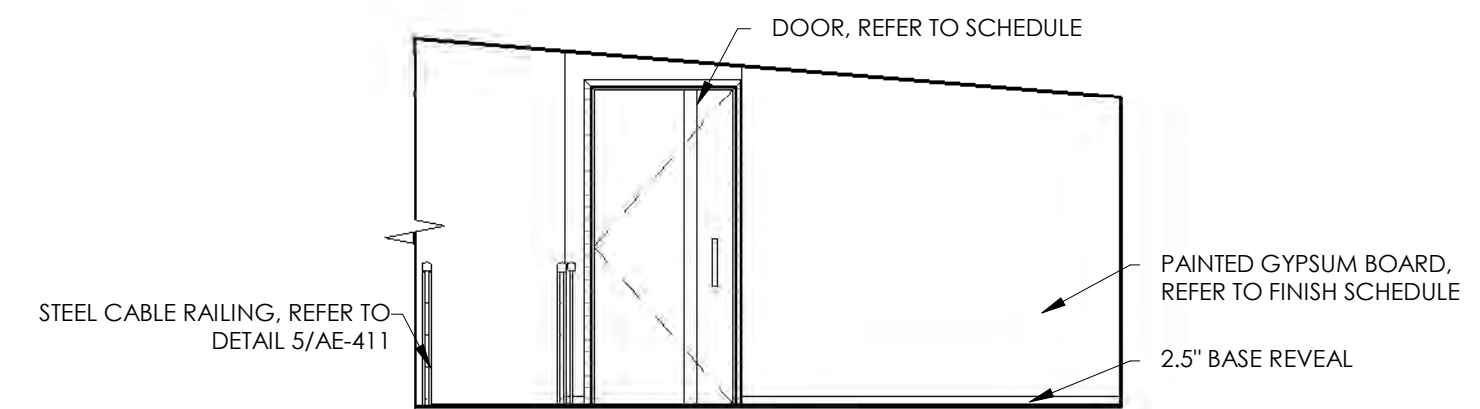
7 BATH 202
 1/4" = 1'-0"



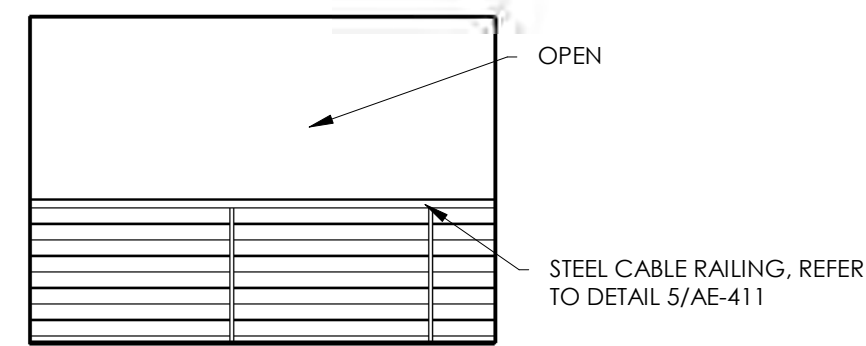
6 BATH 202
 1/4" = 1'-0"



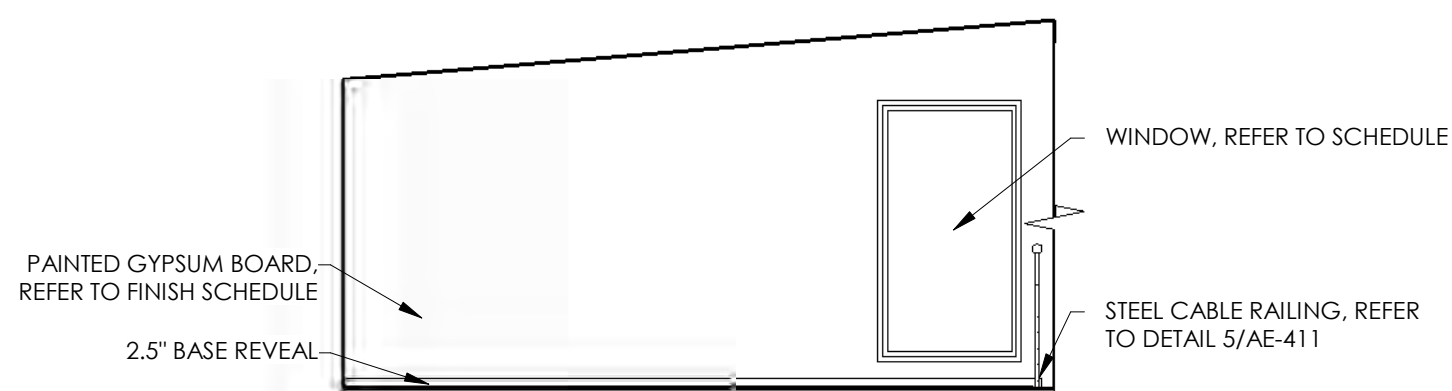
5 BATH 202
 1/4" = 1'-0"



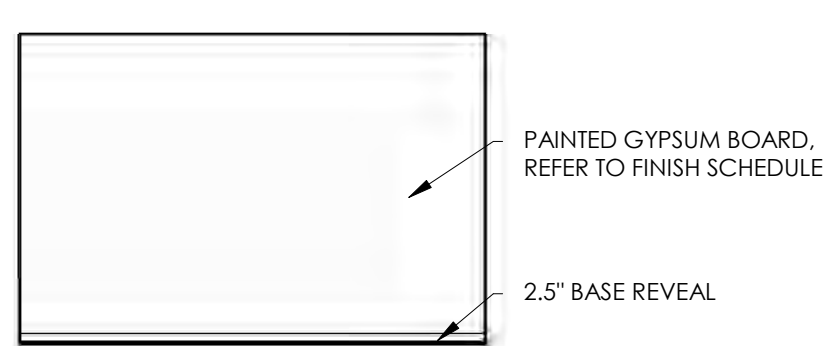
12 CHILL/BUNK 203
 1/4" = 1'-0"



11 CHILL/BUNK 203
 1/4" = 1'-0"



10 CHILL/BUNK 203
 1/4" = 1'-0"



9 CHILL/BUNK 203
 1/4" = 1'-0"

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS © 2014

FINISH SCHEDULE									
ROOM NAME	ROOM NUMBER	FLOOR FINISH	BASE FINISH	NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL	CEILING FINISH	REMARKS
ENTRY/GEAR	101	F3	B1	W1	W1	W1	W1	C1	
BATH	102	F3, F4	B1	W1, W2	W1	W1, W2	W1	C1	
MECH	103	F3	B1	W1	W1	W1	W1	C1	
BEDROOM	104	F2	B1	W1	W1	W1	W1	C1	
HALL	105	F3	B1	W1	W1	W1	W1	C1	
STAIR	106	F1							
DINING/KITCHEN	107	F1	B1	W1, W3	W1	W1	W1	C2	
LIVING/ENT.	108	F1	B1	W1	W1	W1	W1	C2	
BEDROOM	201	F2	B1	W1	W1	W1	W1	C2	
BATH	202	F3, F4	B1	W1, W2	W1	W1	W1, W2	C1	
CHILL/BUNK	203	F2	B1	W1	W1	W1	W1	C2	

FINISH KEY					
ORDER	GROUP	KEY	DESCRIPTION	SPECIFICATION	REMARKS
FLOORING					
1	FLOORING	F1	WOOD	PRE-FINISHED WOOD, COLOR COORD. W/ ARCHITECT	
1	FLOORING	F2	CARPET	MANNINGTON, PATTERN: SERIKOS II, COLOR: PASSPORT	
1	FLOORING	F3	12" X 24" TILE	CONTEMPO, PATTERN: NEXTRA, COLOR: BIANCO	
1	FLOORING	F4	1" X 3" TILE	CROSSVILLE, PATTERN: SHADES-SBC3, COLOR: WHITE MOSAIC	
1	FLOORING	F5	METAL	COORD. W/ ARCHITECT	
BASE					
2	BASE	B1	2-1/2" X 5/8" REVEAL BASE	FRY REGLET MODEL: DRMB-425-250	
WALL					
3	WALL	W1	PAINTED GWB	COORD. COLOR W/ ARCHITECT	
3	WALL	W2	TILE	REFER TO TILE SPECIFICATION SCHEDULE	
3	WALL	W3	WALLPAPER	COORD. W/ ARCHITECT	
CEILING					
4	CEILING	C1	1/2" GWB, ATTACHED TO SUSPENDED FRAMING SYSTEM	PAINTED, TBD	
4	CEILING	C2	CEDAR PLANKS	TONGUE & GROOVE CEDAR ATTACHED TO STRUCTURE, COORD. COLOR W/ARCHITECT	
4	CEILING	C3	CEDAR SOFFIT	TONGUE & GROOVE CEDAR SOFFIT	
4	CEILING	C4	METAL PANEL	FLAT SEEMED METAL PANEL ATTACHED TO STRUCTURE	

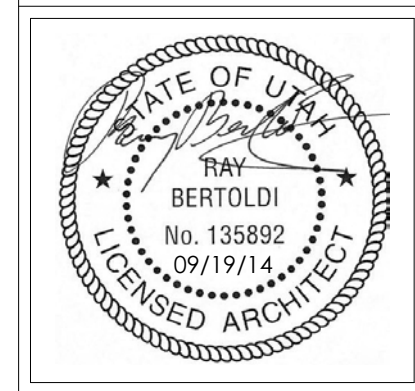
RIDGE NEST							
Specification Details: Appliances							
Location	Item	Description	Vendor	Model #	Color	Apprv'd	Comments
DINING/KITCHEN 107	18" Dishwasher	Built-In Dishwasher	Bosch	SPV5ESS3UC	Custom Panel		Custom panel to match cabinets
	Range	Induction Range	GE	PHS920SFSS	Stainless Steel		
	Microwave / Hood	1.9 cu.ft. Over-the-Range	GE	JVM7195FSS	Stainless Steel		
	Refrigerator/Freezer	30" Built in bottom Freezer	Thermador	T30BB810SS	Custom Panel		Custom panel to match cabinets
Hall 105	Washer	Front-Load, Energy Star	Whirlpool	WFC7500VW	White		
	Dryer	Electric Compact	Whirlpool	WED7500VW	White		

RIDGE NEST							
Specification Details: Plumbing							
Location	Item	Vendor	Description	Model #	Color	Apprv'd	Comments
BATH 102	Sink	Kohler	Verifly, Rectangular undermount bathroom sink	K-2882-0	White		
	Faucet	Danze	SIRIUS, Single Handle Wall Mount Lavatory Faucet	D216044T	Chrome		
	Toilet	American Standard	Concealed Trapway Cadet, 3 Flowise, Right height, Round Front toilet	2988.101	White		
	Shower Trim	Danze	SIRIUS, Shower Only Trim Kit	D510544T	Chrome		
DINING/KITCHEN 107	Sink	BLANCO	BLANCO PRECIS, Large Bowl	513429	Metallic Gray		
	Faucet	Danze	SIRIUS, Single Handle Kitchen Faucet -1.5 GPM	D401544LF	Chrome		
BATH 202	Sink	Kohler	Verifly, Rectangular undermount bathroom sink	K-2882-0	White		
	Faucet	Danze	SIRIUS, Single Handle Lavatory Faucet	D221544	Chrome		
	Toilet	American Standard	Concealed Trapway Cadet, 3 Flowise, Right height, Round Front toilet	2988.101	White		
	Shower Trim	Danze	SIRIUS, Shower Only Trim Kit	D510544T	Chrome		

RIDGE NEST									
Specification Details: Tile									
Location	Item	Vendor	Size	Model #	Color	Grout	Apprv'd	Comments	
ENTRY/GEAR 101	T1	Floor	Contempo	12" x 24"	Nextra	Bianco			
BATH 102		Floor	Contempo	12" x 24"	Nextra	Bianco			
	T2	Shower floor	Crossville	1"x3"	SBC3 (Shades)	White Mosaic			
		Shower walls	Contempo	12" x 24"	Nextra	Bianco			
	T3	Shower accent (floor & wall)	Oceanside	1/2" x 4"	Prose	Oxygen (clear)			
	Counter	Caesarstone		2141	Blizzard				
	T4	Backsplash	American Olean	2" x 4"	Straight set mosaic	Designer White (matte)			
MECHANICAL 103		Floor	Contempo	12" x 24"	Nextra	Bianco			
HALL 105		Floor	Contempo	12" x 24"	Nextra	Bianco			
		Counter	Caesarstone		7141	Quartz Reflections			
DINING/KITCHEN 107		Backsplash			glass				
BATH 202		Floor	Contempo	12" x 24"	Nextra	Bianco			
		Shower floor	Crossville	1"x3"	SBC3 (Shades)	White Mosaic			
		Shower walls	Contempo	12" x 24"	Nextra	Bianco			
		Shower accent (floor & wall)	Ocean side	1/2" x 4"	Prose	Oxygen (clear)			
		Counter	Caesarstone		2141	Blizzard			
		Backsplash	Caesarstone		2141	Blizzard			



RIDGE NEST - LOT 4
 SUMMIT POWDER MOUNTAIN
 UTAH 84310



REV.	DATE

PROJECT # 1405
 DATE: 09/19/14
 TITLE:
 FINISH SCHEDULE
 AND
 SPECIFICATIONS

SHEET:

AI-601

THIS DOCUMENT IS THE PROPERTY OF BERTOLDI ARCHITECTS © 2014

NOTE: SUBCONTRACTORS ARE TO BE FAMILIAR WITH ALL PORTIONS OF THE WORK. IT IS TO BE NOTED THAT SUBCONTRACTOR'S WORK IS NOT LIMITED TO SPECIFIC SHEETS AND THAT ALL OF THE DRAWINGS MAY BE PART OF THEIR SCOPE OF WORK AND/OR COORDINATION.

FOUNDATION WALL SCHEDULE	
SIZE	REINFORCEMENT
FOUNDATION WALL	#4 BARS @ 12" O.C. VERTICAL, #4 BARS @ 12" O.C. HORIZONTAL

NOTES:

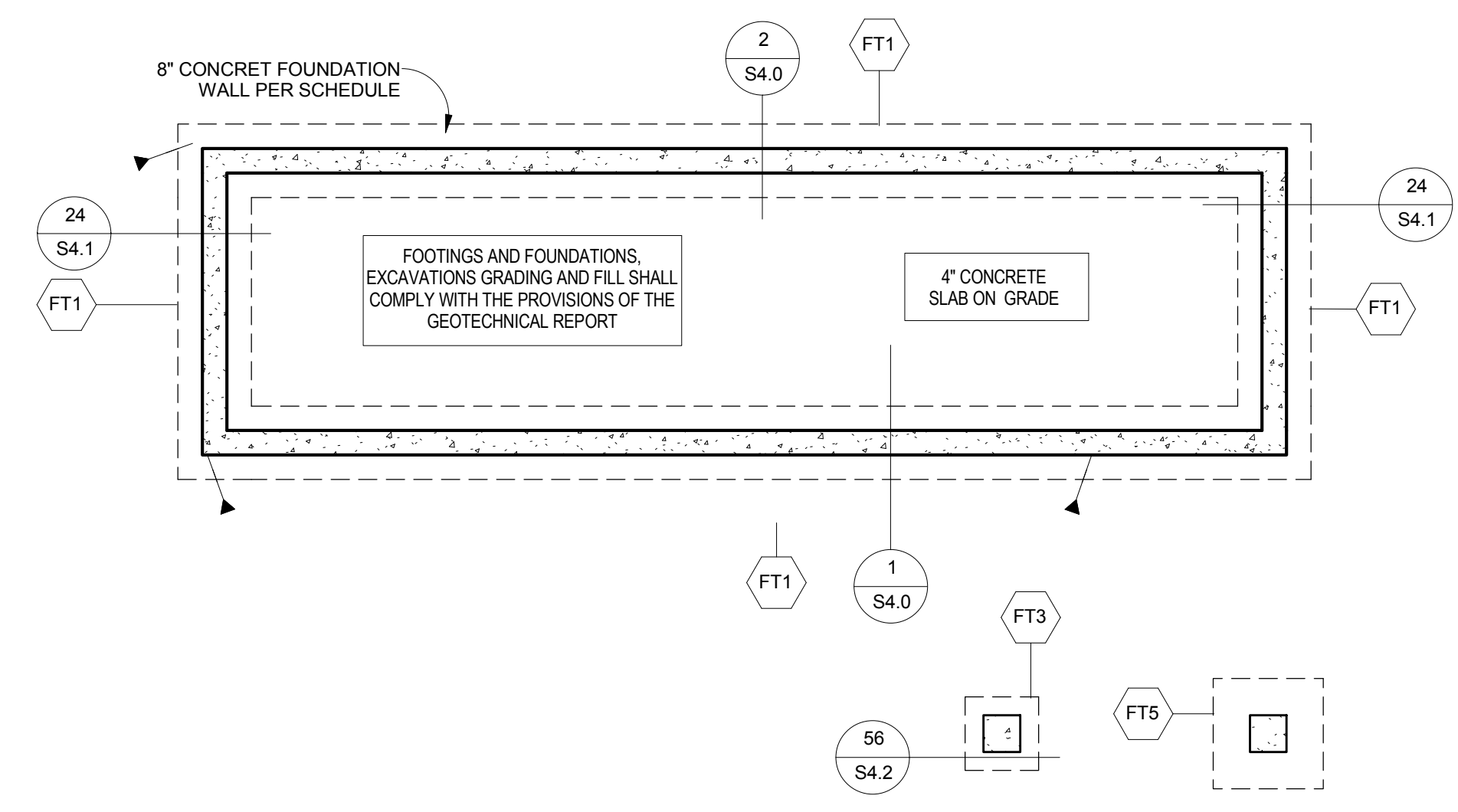
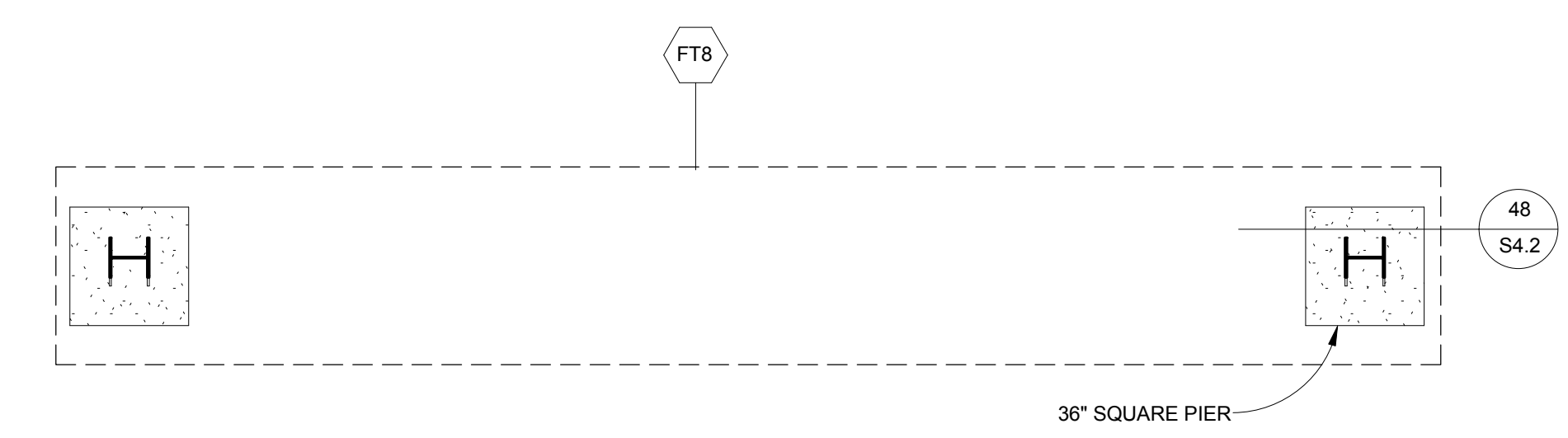
- USE 5/8" DIAMETER 7' EMBEDMENT ANCHOR BOLTS @ 32" O.C. W/ 3/4"x1/4" (D2291) PLATE WASHERS AT ALL EXTERIOR AND SHEAR WALLS U.N.O.
- F_c=3,000 PSI, f_y=60,000 PSI
- PLACE (1) #4 BAR BELOW AND ON EACH SIDE OF EACH OPENING AND (2) #4 BARS ABOVE EACH OPENING. BARS SHALL BE PLACED WITHIN 2" OF THE OPENINGS AND EXTEND 24" BEYOND THE EDGE OF THE OPENING. VERTICAL BARS MAY TERMINATE 7' FROM THE TOP OF THE CONCRETE. OPENING REINFORCEMENT IS IN ADDITION TO STANDARD WALL REINFORCEMENT.
- TOP AND BOTTOM BARS SHALL BE WITHIN 4" OF THE TOP AND BOTTOM OF THE WALL.
- PLACE REINFORCEMENT IN THE CENTER OF THE WALL U.N.O.

FOOTING SCHEDULE (FT)													
DESIG.	LENGTH	WIDTH	DEPTH	LENGTHWISE REINFORCEMENT				CROSSWISE REINFORCEMENT				CAPACITY	NOTE
				QTY.	SIZE	LENGTH	SPACING	QTY.	SIZE	LENGTH	SPACING		
FT1	CONT.	24"	10"	3	#4	CONT.	EQ.	-	-	-	-	2500 PLF	
FT2	CONT.	18"	10"	2	#4	CONT.	EQ.	-	-	-	-	2250 PLF	SEE DETAIL 19SD.1
FT3		24"	24"	3	#4	18"	EQ.	3	#4	18"	EQ.	6000 LBS	
FT4		30"	30"	3	#4	24"	EQ.	3	#4	24"	EQ.	9375 LBS	
FT5		36"	36"	4	#4	30"	EQ.	4	#4	30"	EQ.	13500 LBS	
FT6		42"	42"	4	#4	36"	EQ.	4	#4	36"	EQ.	18375 LBS	
FT7		48"	48"	5	#4	42"	EQ.	5	#4	42"	EQ.	24000 LBS	
FT8		35'-0"	60"	-	-	-	-	-	#5	54"	12"	-	REINFORCE TOP & BOT1 SEE DETAIL 48S4.2

NOTES:

- F_c=3,000 PSI, f_y=60,000 PSI
- FOOTINGS SHALL BEAR ON UNDISTURBED NATIVE SOILS OR STRUCTURAL COMPACTED FILL (95% COMPACTION), SPECIFIED AND TESTED BY A REGISTERED GEOTECHNICAL ENGINEER.
- ALL FOOTINGS SHALL BEAR BELOW THE FROST LINE OF THE LOCALITY. (PER GEOTECH) PROVIDE 12" DIAMETER SOND TUBE AT EXTERIOR SPOT FOOTINGS PER DETAIL 20SD.1
- PROVIDE J BARS TO MATCH VERTICAL FOUNDATION WALL REINFORCEMENT WITH 24" MINIMUM LAP SPICE INTO FOUNDATION WALL.
- CENTER FOOTING UNDER FOUNDATION WALL U.N.O.

HOLDOWN SCHEDULE	
SYMBOL	HOLDOWN STRAP
▲	STHD14 HOLDOWN SEE DETAIL 1/S4.0
○	MST37 STRAP SEE DETAIL 47/S4.2
□	MST48 STRAP SEE DETAIL 47/S4.2
—	HOLD-SDS SEE DETAIL 52/S4.2



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

LEI
ENGINEERS
SURVEYORS
PLANNERS

3302 N. Main Street
Spanish Fork, UT 84660
Phone: 801.798.0555

PROFESSIONAL ENGINEER
JOSHUA K.S. ANDERSON
No. 4999007-2203
07-22-2014
PROFESSIONAL STRUCTURAL ENGINEER

STRUCTURAL ELEMENTS ONLY

THE RIDGE NEST
FOOTING AND FOUNDATION PLAN

DIMENSIONS SHOWN ON THE STRUCTURAL PLANS ARE FOR CONVENIENCE ONLY. VERIFY ALL DIMENSIONS WITH THE CURRENT ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.

REVISIONS

Address:	14051 LOT 4, SUMMIT
Project Number:	EBCN_UJAH 2014-1476
Designed By:	Designer
Checked By:	Approver

Date: 07/29/2014
Sheet #: **S1.0**



ENGINEERS

SURVEYORS

PLANNERS

3302 N. Main Street
Spanish Fork, UT 84660
Phone: 801.798.0555



STRUCTURAL ELEMENTS ONLY

THE RIDGE NEST
MAIN / LOFT SHEAR PLAN

DIMENSIONS SHOWN ON THE STRUCTURAL PLANS ARE FOR CONVENIENCE ONLY. VERIFY ALL DIMENSIONS WITH THE CURRENT ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.

REVISIONS

Address: 14051 LOT 14, SUMMIT
EVEN, UTAH
Project Number: 2014-1476
Designed By: Designer
Checked By: Approver

Date: 07/29/2014

Sheet #:

S2.0

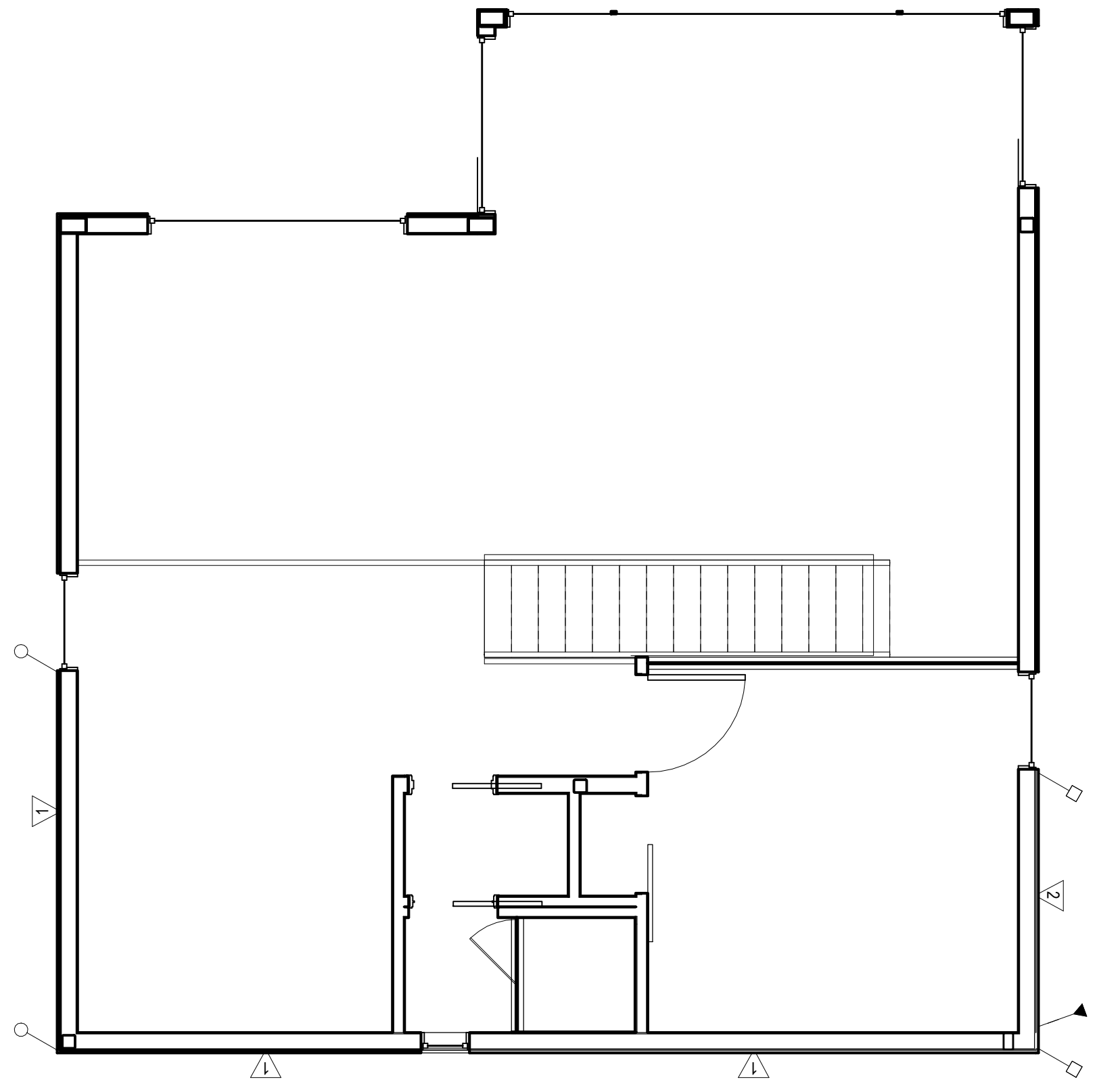
SHEAR WALL SCHEDULE 1.3

DESIG.	MATERIAL	8D NAILS		*16 GAGE STAPLES		CAPACITY		NOTE
		EDGE	FIELD	EDGE	FIELD	WIND	SEISMIC	
1	7/16" OSB OR CDX PLYWOOD	6"	12"	3 1/2"	12"	360	260	2.4.5
2	7/16" OSB OR CDX PLYWOOD	4"	12"	-	-	530	350	2.4.5

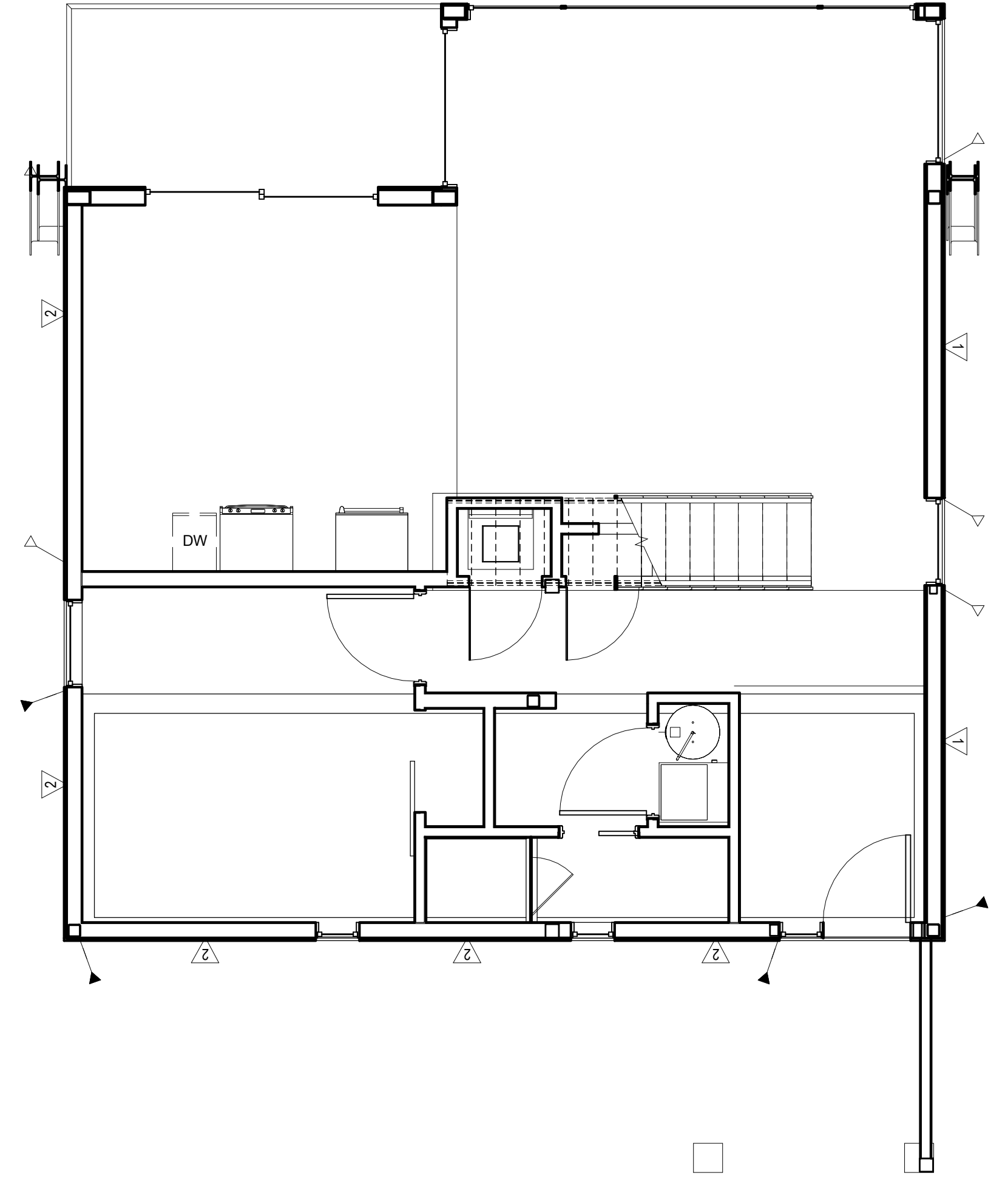
NOTES:
 1. WALL STUDS ARE TO BE SPACED AT 16" O.C. U.N.O.
 2. UNIT SHEAR CAPACITIES ARE BASED ON AF&PA SDPWS TABLE 4.3A (IBC 2306.3)
 3. USE (2) KING STUDS AT EACH END OF SHEAR PANELS (SHEAR WALL CHORDS) U.N.O.
 4. ALL PANEL EDGES SHALL BE BLOCKED WITH 2-INCH NOMINAL OR WIDER FRAMING WITH EDGE NAILING AT ALL SUPPORTS AND PANEL EDGES U.N.O. (AF&PA SDPWS 4.3.7.1 NOTE 1)
 5. WHERE PANELS ARE APPLIED ON BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS.
 6. FRAMING AT ADJOINING PANEL EDGES AND SILL PLATES SHALL BE 3-INCH NOMINAL OR WIDER FOR EDGE NAILING 3" O.C. OR LESS. NAILS AT ADJOINING PANEL EDGES AND INTO SILL PLATES SHALL BE STAGGERED. (AF&PA SDPWS 4.3.7.1 NOTE 3)
 7. INSTALL SHEATHING TO MATCH SHEAR WALL SPECIFIED ABOVE & BELOW ALL OPENINGS WHERE PERFORATED SHEAR WALLS ARE INDICATED.

HOLDOWN SCHEDULE

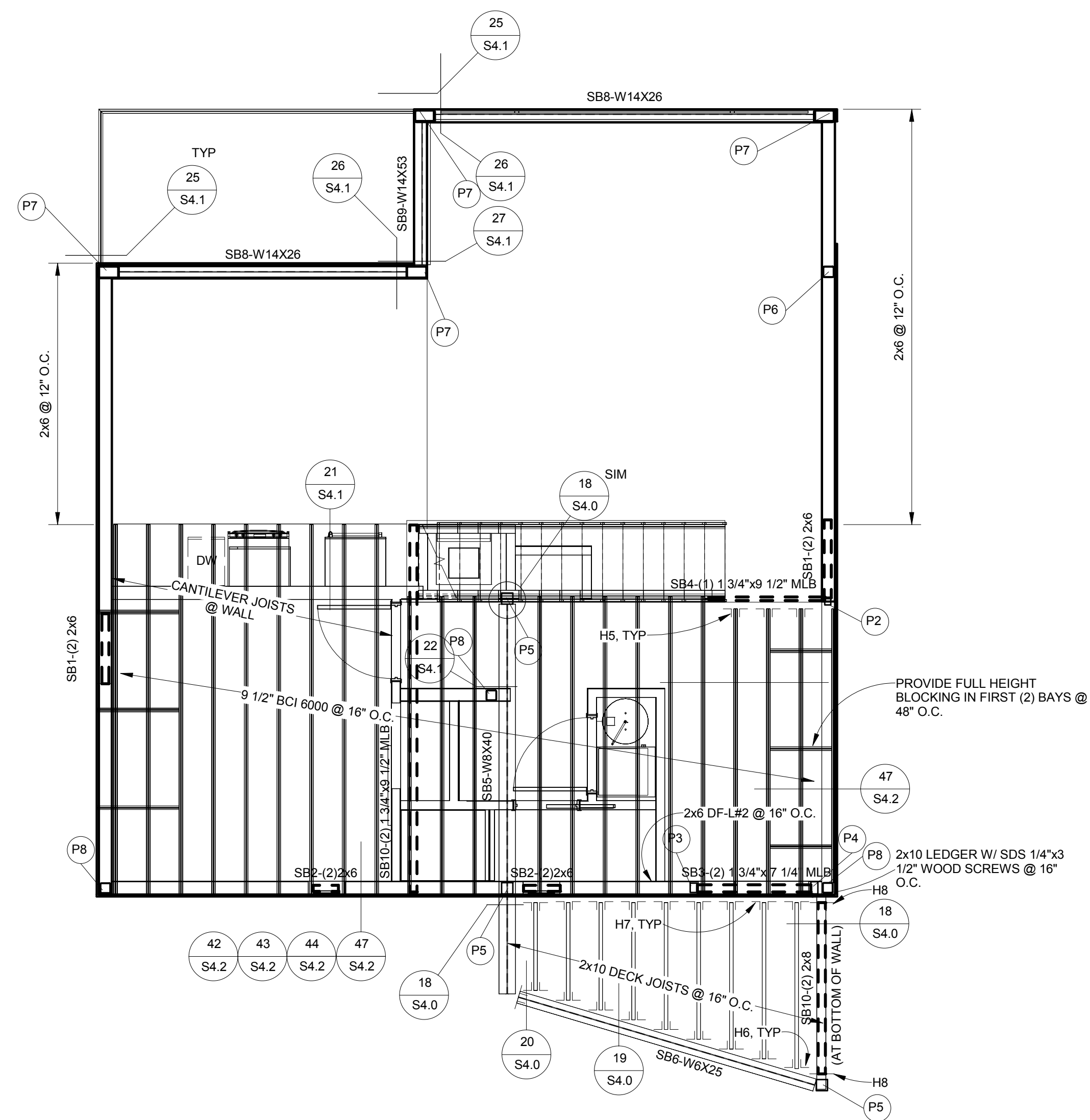
SYMBOL	HOLDOWN STRAP
—▲	STD14 HOLDOWN SEE DETAIL 1/S4.0
—○	MST37 STRAP SEE DETAIL 47/S4.2
—□	MST48 STRAP SEE DETAIL 47/S4.2
—△	HDU8-SDS SEE DETAIL 52/S4.2



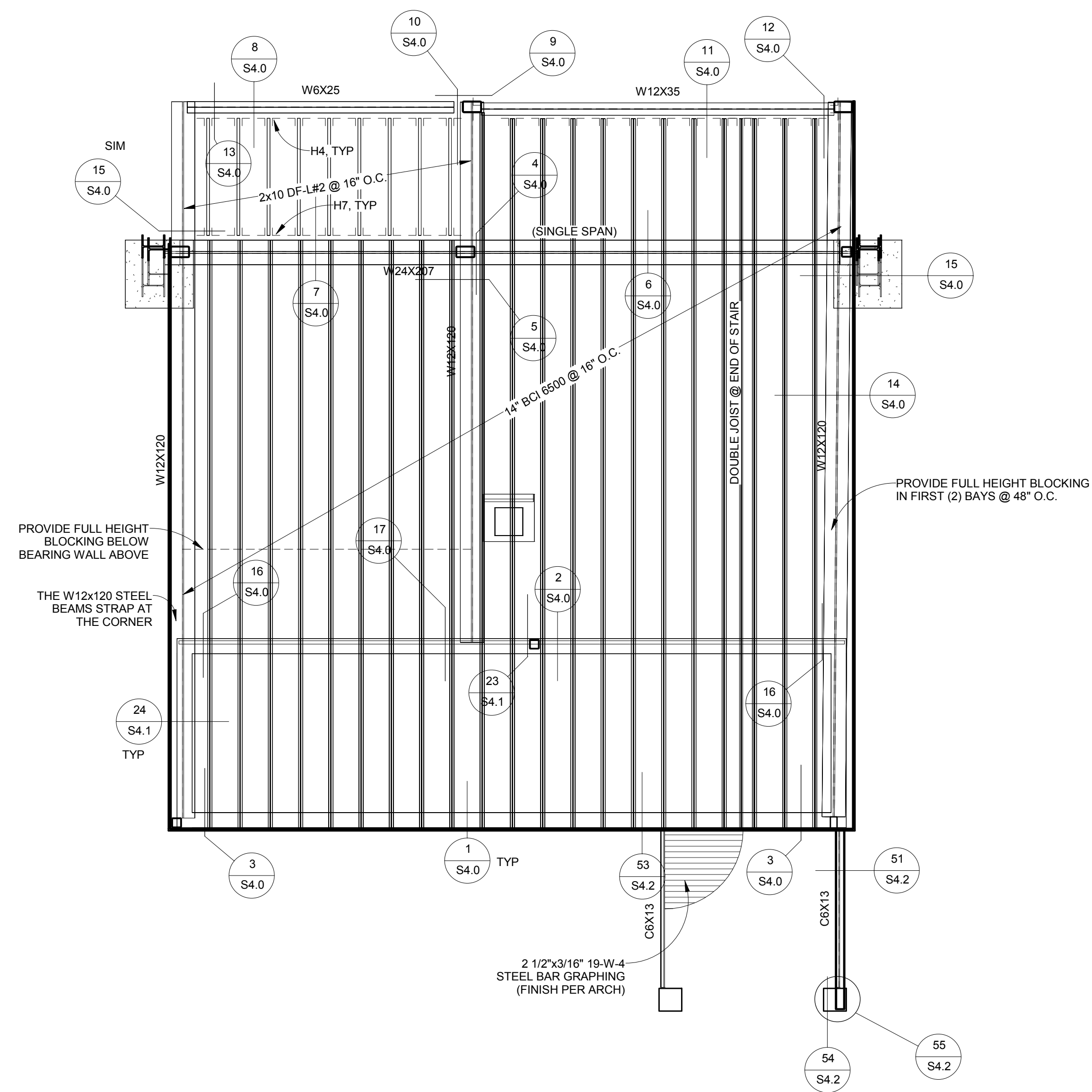
1 LOFT SHEAR PLAN
1/4" = 1'-0"



2 MAIN FLOOR SHEAR PLAN
1/4" = 1'-0"



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



2 MAIN FLOOR FRAMING PLAN
1/4" = 1'-0"

FRAMING NOTES

1. PLANS ARE NOT COMPLETE WITHOUT THE STRUCTURAL CALCULATIONS.
2. REFER TO SHEET SD.0 FOR THE GENERAL STRUCTURAL NOTES.
3. ROOF SHEATHING SHALL BE APA RATED 5/8" OSB OR CDX PLYWOOD WITH 100 NAILS AT 6" O.C. EDGE, 12" O.C. FIELD.
4. FLOOR SHEATHING SHALL BE APA RATED 3/4" T&G WITH 10d NAILS OR SIMPSON WNTL2LS #8 WOOD SCREWS AT 6" O.C. EDGE, 12" O.C. FIELD.
5. EXTERIOR STUD WALLS SHALL BE 2x6 DF-L#2 @ 16" O.C. U.N.O.
6. USE (14) 16d NAILS BETWEEN TOP PLATE SPLICE POINTS ON ALL EXTERIOR AND SHEAR WALLS. PROVIDE A 4'-0" MINIMUM LAP SPLICE.
7. INSTALL ALL SIMPSON HARDWARE PER MANUFACTURER'S SPECIFICATIONS.
8. HOLD-DOWNS SHALL BE INSTALLED ON (2) FULL HEIGHT KING STUDS (MINIMUM).
9. FLOOR JOISTS SHALL BE 14" BCI 90 2.0 AT 16" O.C. U.N.O.
10. ROOF RAFTERS SHALL BE 2x6 DF-L#2 AT 24" O.C. U.N.O.
11. PROVIDE 2x SQUASH BLOCKING AT FLOOR FRAMING TO MATCH DIMENSIONS OF POST ABOVE.
12. ALL DETAILS SHALL APPLY IN ALL SIMILAR SITUATIONS.
13. IF SUSPENDED PORCH SLAB EXCEEDS 6" THICKNESS, PROVIDE #4 BARS AT 18" O.C. 11/2" FROM TOP OF SLAB IN ADDITION TO THE BOTTOM STEEL NOTED ON THE PLANS.
14. ALL LUMBER NOT PERMANENTLY PROTECTED FROM THE ELEMENTS SHALL BE PRESERVATIVE TREATED OR OF A DECAY RESISTANT SPECIES. CONTACT LEI ENGINEERS AND SURVEYORS, INC. IF A DIFFERENT SPECIES IS TO BE USED.
15. ALL THROUGH BOLTS SHALL BE GRADE A325 HIGH STRENGTH BOLTS.
16. ALL STEEL MEANS TO BE GRADE A992-50.

POST SCHEDULE

DESIG.	POST SIZE
P1	(1) 2x
P2	(2) 2x
P3	(3) 2x
P4	(4) 2x
P5	6x6
P6	HSS 5 1/2"x5 1/2"x3/8"
P7	HSS 10"x6"x3/8"
P8	HSS 5"x5"x1/4"

NOTES:
 1. POSTS INDICATE NUMBER OF TRIMMER STUDS WHEN SPECIFIED AT HEADERS. ALL OTHER POST DESIGNATIONS REFER TO FULL HEIGHT KING STUDS U.N.O.
 2. INSTALL (1) TRIMMER AND (1) KING STUD EACH SIDE OF EACH OPENING U.N.O.
 3. INSTALL (2) TRIMMER STUDS AT EACH SIDE OF OPENINGS GREATER THAN 8'-0" WIDE U.N.O.
 4. INSTALL (2) KING STUDS EACH SIDE OF OPENINGS GREATER THAN 8'-0" WIDE U.N.O.
 5. BUILT-UP POSTS SHALL BE THE SAME WIDTH OF THE WALL IN WHICH THEY ARE FRAMED U.N.O.
 6. NAIL EACH PLY OF 2x BUILT-UP POSTS W/ 16d NAILS @ 6" O.C. STAGGERED U.N.O.
 7. POSTS THAT ARE NOT FRAMED WITHIN A STUD WALL SHALL BE BRACED WITH 2x4 OR 2x6 POST CAP AND PC OR 2x4 OR 2x6 POST BASE U.N.O.

HANGER SCHEDULE

DESIG.	DESCRIPTION
H1	LSSUH310
H2	LSSUH10
H3	LSSU210-2
H4	LB210
H5	ITS2.37/9.5
H6	W210 SKEW AS REQUIRED
H7	HUS210
H8	HUC28-2



ENGINEERS
SURVEYORS
PLANNERS

3302 N. Main Street
Spanish Fork, UT 84660
Phone: 801.798.0555



STRUCTURAL ELEMENTS ONLY

THE RIDGE NEST
MAIN / LOFT FRAMING PLAN

DIMENSIONS SHOWN ON THE STRUCTURAL PLANS ARE FOR CONVENIENCE ONLY. VERIFY ALL DIMENSIONS WITH THE CURRENT ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.

REVISIONS

NO.	DESCRIPTION

Address: 14051 LOT 4, SUMMIT
 EBEN, UTAH
 Project Number: 2014-1476
 Designer: [Signature]
 Checked By: [Signature]

Date: 07/29/2014

Sheet #: S3.0

BASIS FOR DESIGN

- GRAVITY:**
1. ROOF SNOW LOAD = 190 PSF
 2. ROOF DEAD LOAD = 15 PSF
 3. FLOOR LIVE LOAD = 40 PSF
 4. FLOOR DEAD LOAD = 15 PSF
 5. ASSUMED SOIL BEARING CAPACITY = 1500 PSF

- SEISMIC:**
1. $S_s = 0.853$, $S_1 = 0.285$
 2. SOIL SITE CLASS = D (PER IBC SECTION 1613.3.2)
 3. SEISMIC DESIGN CATEGORY = D
 4. SIMPLIFIED ANALYSIS
 5. LIGHT FRAMED WALLS WITH WOOD STRUCTURAL PANELS, $R = 6.5$ (SEE LOADS PAGE IN STRUCTURAL CALCULATION FOR OTHER SFRS R VALUES)

- WIND:**
1. 115 MPH
 2. EXPOSURE C
 3. SIMPLIFIED ANALYSIS

FRAMING NOTES

1. PLANS ARE NOT COMPLETE WITHOUT THE STRUCTURAL CALCULATIONS.
2. REFER TO SHEET SD.0 FOR THE GENERAL STRUCTURAL NOTES.
3. ROOF SHEATHING SHALL BE APA RATED 5/8" OSB OR CDX PLYWOOD WITH 10d NAILS AT 6" O.C. EDGE, 12" O.C. FIELD.
4. FLOOR SHEATHING SHALL BE APA RATED 3/4" T&G WITH 10d NAILS OR SIMPSON WSN12LS #6 WOOD SCREWS AT 6" O.C. EDGE, 12" O.C. FIELD.
5. EXTERIOR STUD WALLS SHALL BE 2x6 DF-L#2 @ 16" O.C. U.N.O.
6. USE (14) 16d NAILS BETWEEN TOP PLATE SPLICE POINTS ON ALL EXTERIOR AND SHEAR WALLS. PROVIDE A 4'-0" MINIMUM LAP SPLICE.
7. INSTALL ALL SIMPSON HARDWARE PER MANUFACTURER'S SPECIFICATIONS.
8. HOLD-DOWNS SHALL BE INSTALLED ON (2) FULL HEIGHT KING STUDS (MINIMUM).
9. FLOOR JOISTS SHALL BE 14" BCI 90 2.0 AT 16" O.C. U.N.O.
10. ROOF RAFTERS SHALL BE 2x6 DF-L#2 AT 24" O.C. U.N.O.
11. PROVIDE 2x SQUASH BLOCKING AT FLOOR FRAMING TO MATCH DIMENSIONS OF POST ABOVE.
12. ALL DETAILS SHALL APPLY IN ALL SIMILAR SITUATIONS.
13. IF SUSPENDED PORCH SLAB EXCEEDS 6" THICKNESS, PROVIDE #4 BARS AT 18" O.C. 11/2" FROM TOP OF SLAB IN ADDITION TO THE BOTTOM STEEL NOTED ON THE PLANS.
14. ALL LUMBER NOT PERMANENTLY PROTECTED FROM THE ELEMENTS SHALL BE PRESERVATIVE TREATED OR OF A DECAY RESISTANT SPECIES. CONTACT LEI ENGINEERS AND SURVEYORS, INC. IF A DIFFERENT SPECIES IS TO BE USED.
15. ALL THROUGH BOLTS SHALL BE GRADE A325 HIGH STRENGTH BOLTS.
16. ALL STEEL MEANS TO BE GRADE A992-50.

POST SCHEDULE

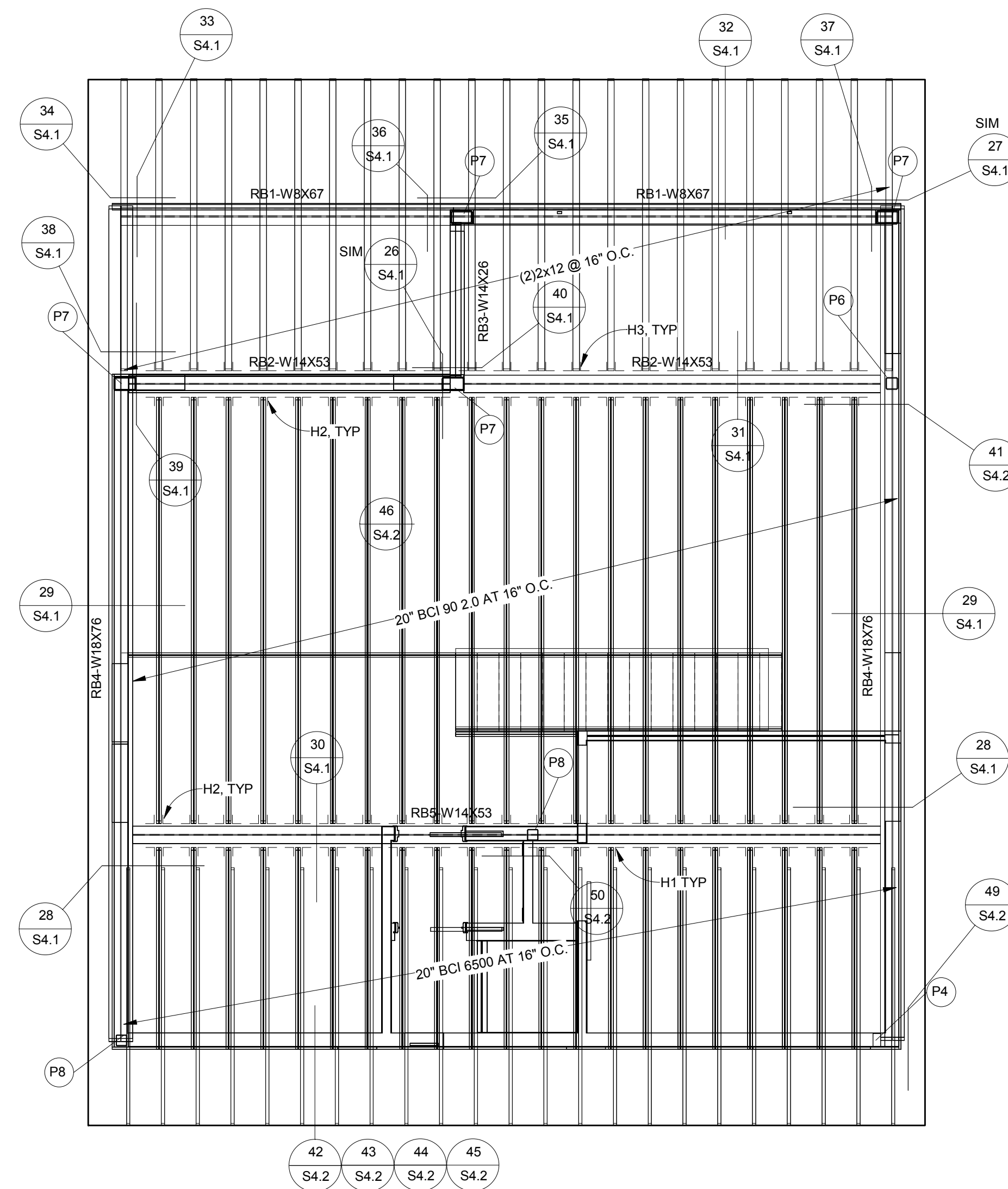
DESIG.	POST SIZE
P1	(1) 2x
P2	(2) 2x
P3	(3) 2x
P4	(4) 2x
P5	6x6
P6	HSS 5 1/2"x5 1/2"x3/8"
P7	HSS 10"x6"x3/8"
P8	HSS 5"x5"x1/4"

NOTES:

1. POSTS INDICATE NUMBER OF TRIMMER STUDS WHEN SPECIFIED AT HEADERS. ALL OTHER POST DESIGNATIONS REFER TO FULL HEIGHT KING STUDS U.N.O.
2. INSTALL (1) TRIMMER AND (1) KING STUD EACH SIDE OF EACH OPENING U.N.O.
3. INSTALL (2) TRIMMER STUDS AT EACH SIDE OF OPENINGS GREATER THAN 6" WIDE U.N.O.
4. INSTALL (2) KING STUDS EACH SIDE OF OPENINGS GREATER THAN 6" WIDE U.N.O.
5. 2x6 BUILT-UP POSTS SHALL BE THE SAME WIDTH OF THE WALL IN WHICH THEY ARE FRAMED U.N.O.
6. NAIL EACH PLY OF BUILT-UP POSTS W/ 16d NAILS @ 8" O.C. STAGGERED U.N.O.
7. POSTS THAT ARE NOT FRAMED WITH A STUD WALL SHALL BE BRACED WITH KC OR AC POST CAP AND PC OR ABA POST BASE U.N.O.

HANGER SCHEDULE

DESIG.	DESCRIPTION
H1	LSSUH310
H2	LSSU410
H3	LSSU210-2
H4	LB210
H5	ITS2.37/9.5
H6	W210 SKEW AS REQUIRED
H7	HUS210
H8	HUC28-2



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



**ENGINEERS
SURVEYORS
PLANNERS**

3302 N. Main Street
Spanish Fork, UT 84660
Phone: 801.798.0555



STRUCTURAL ELEMENTS ONLY

THE RIDGE NEST
ROOF FRAMING PLAN

DIMENSIONS SHOWN ON THE STRUCTURAL PLANS ARE FOR CONVENIENCE ONLY. VERIFY ALL DIMENSIONS WITH THE CURRENT ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.

REVISIONS

Address: 14051 LOT 4, SUMMIT
EVEN, UTAH
Project Number: 2014-1476
Designed By: AKM
Checked By: JMSA

Date: 07/29/2014

Sheet #:

S3.1



ENGINEERS
SURVEYORS

PLANNERS

3302 N. Main Street
Spanish Fork, UT 84660
Phone: 801.798.0555
office@lei-eng.com
www.lei-eng.com



STRUCTURAL ELEMENTS ONLY

RIDGE NEST
LOT #4, THE RIDGE NEST SUBDIVISION, EDEN, UTAH
STRUCTURAL DETAILS

DIMENSIONS SHOWN ON THE
STRUCTURAL PLANS ARE FOR
CONVENIENCE ONLY. VERIFY ALL
DIMENSIONS WITH THE CURRENT
ARCHITECTURAL PLANS PRIOR TO
CONSTRUCTION.

REVISIONS	
1	
2	
3	
4	
5	
6	

LEI PROJECT #:
2014-1476

DRAWN BY:
AKM

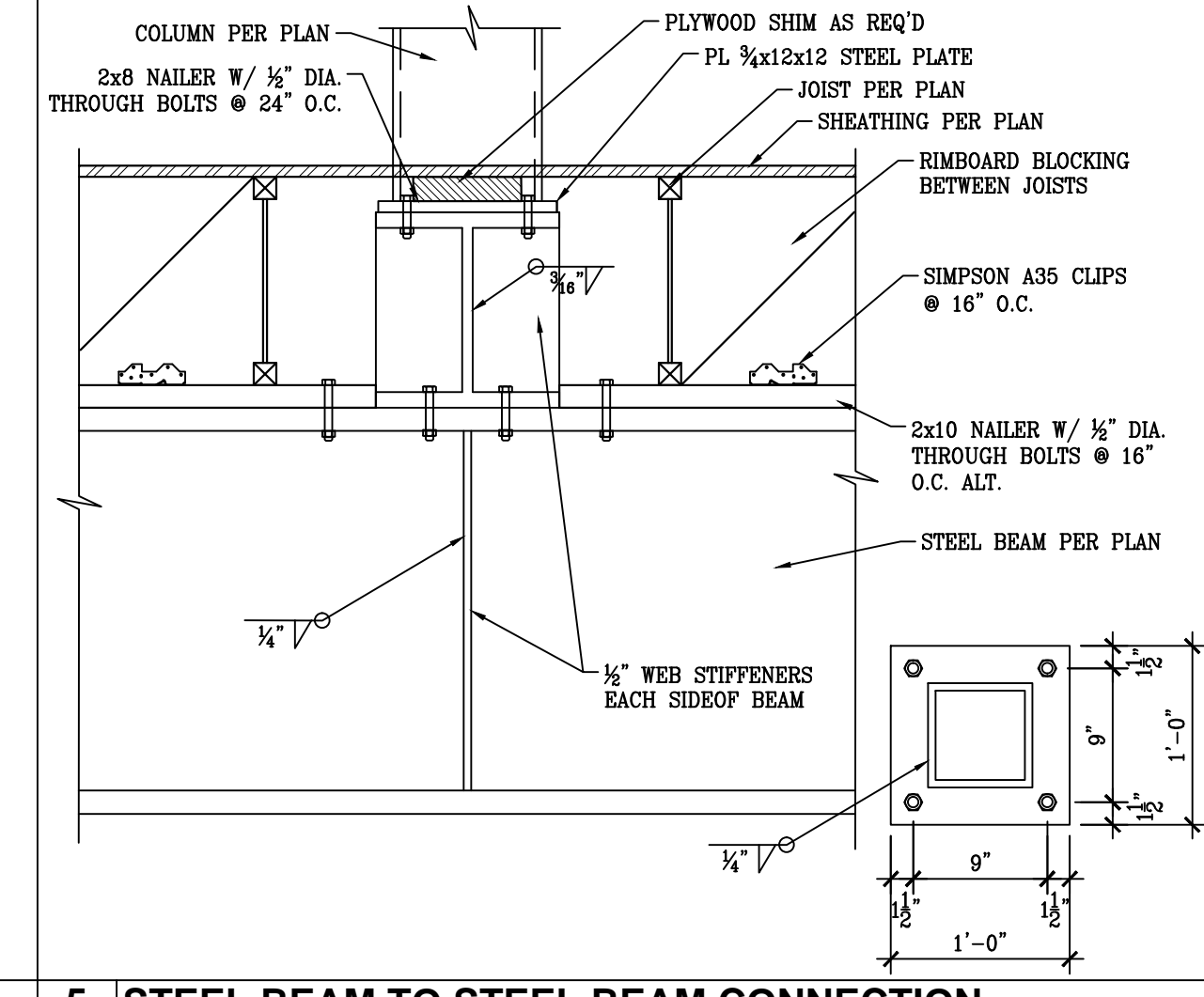
CHECKED BY:
EBM

SCALE:
NTS

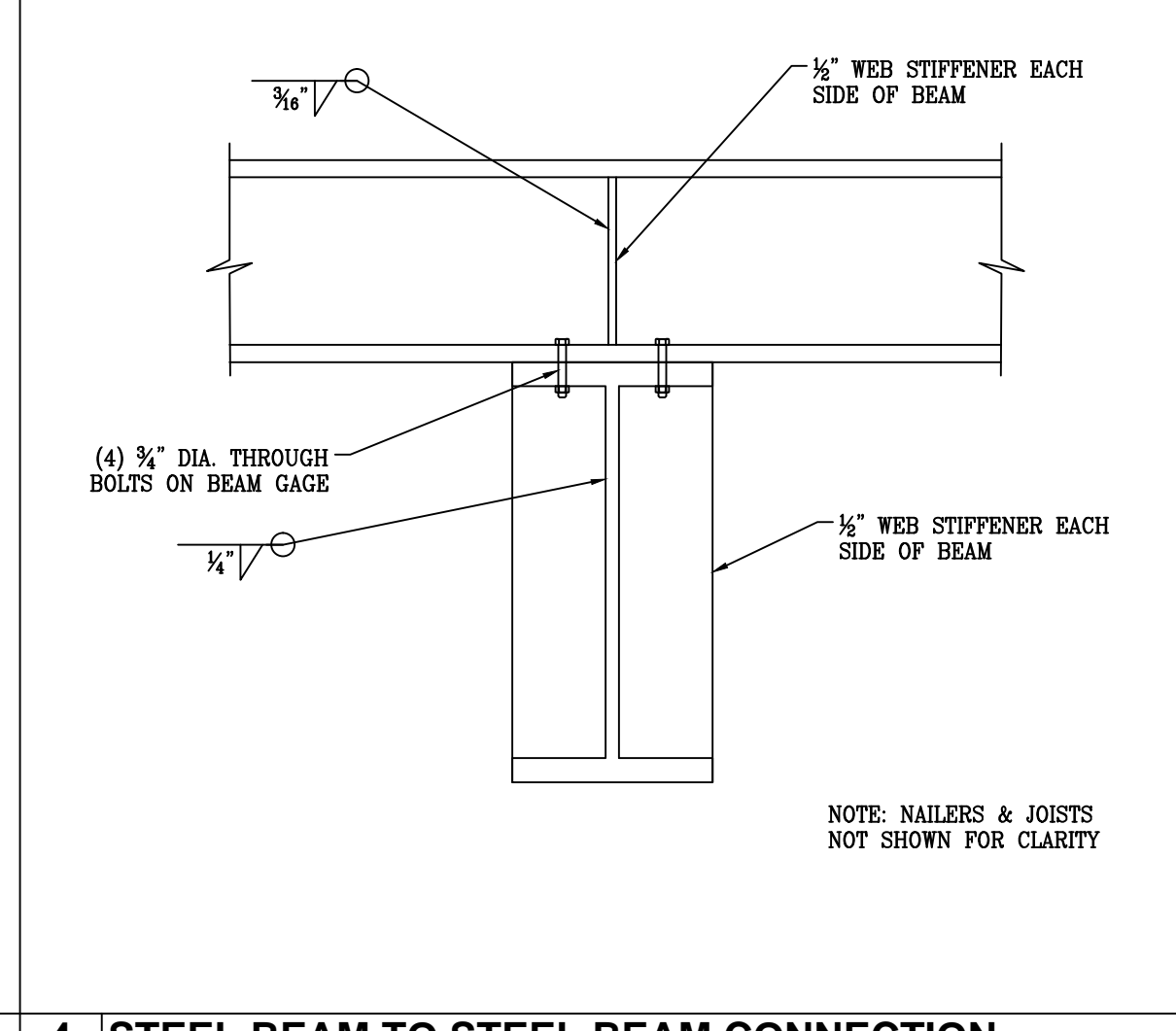
DATE:
8/20/2014

SHEET

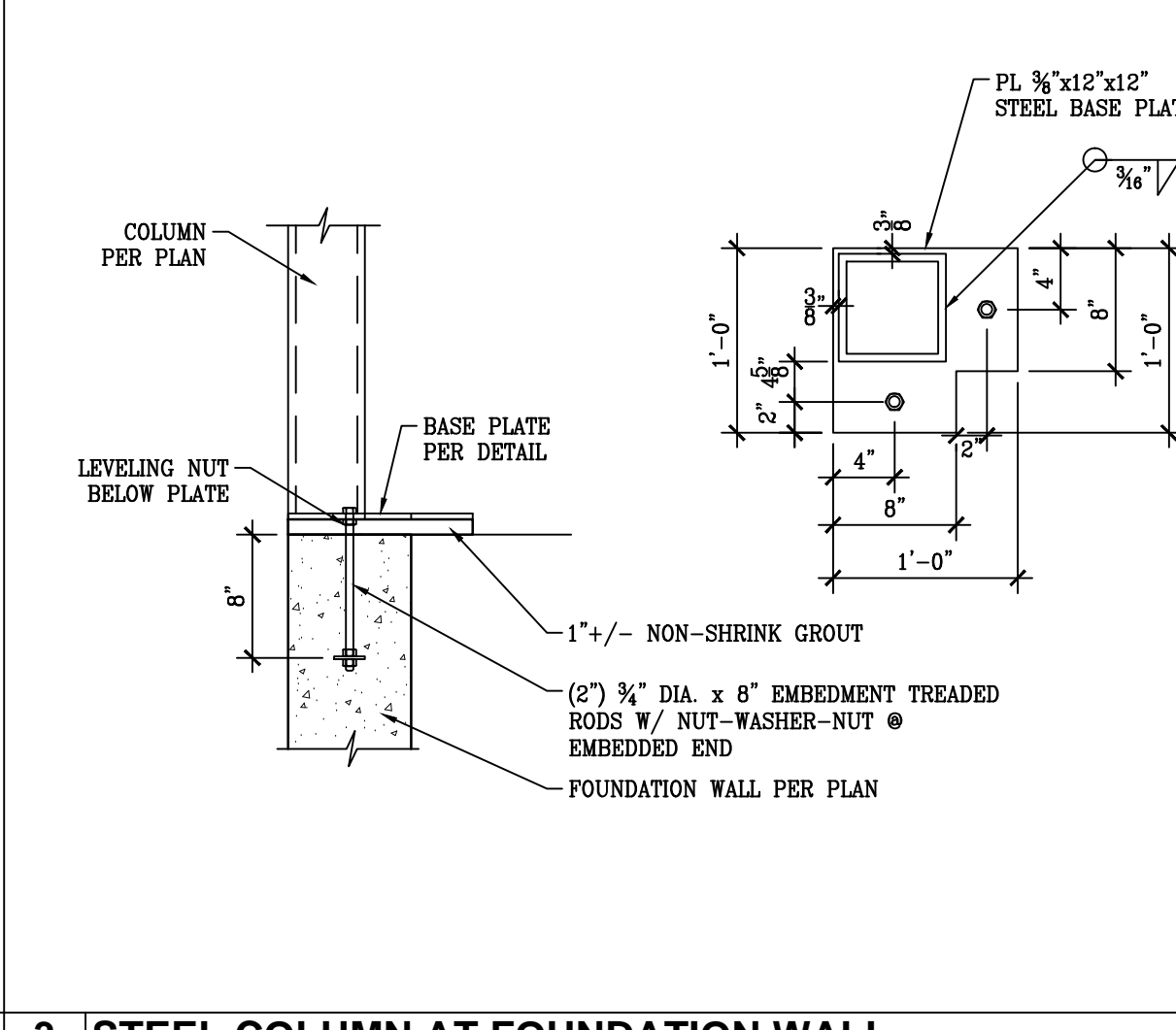
S4.0



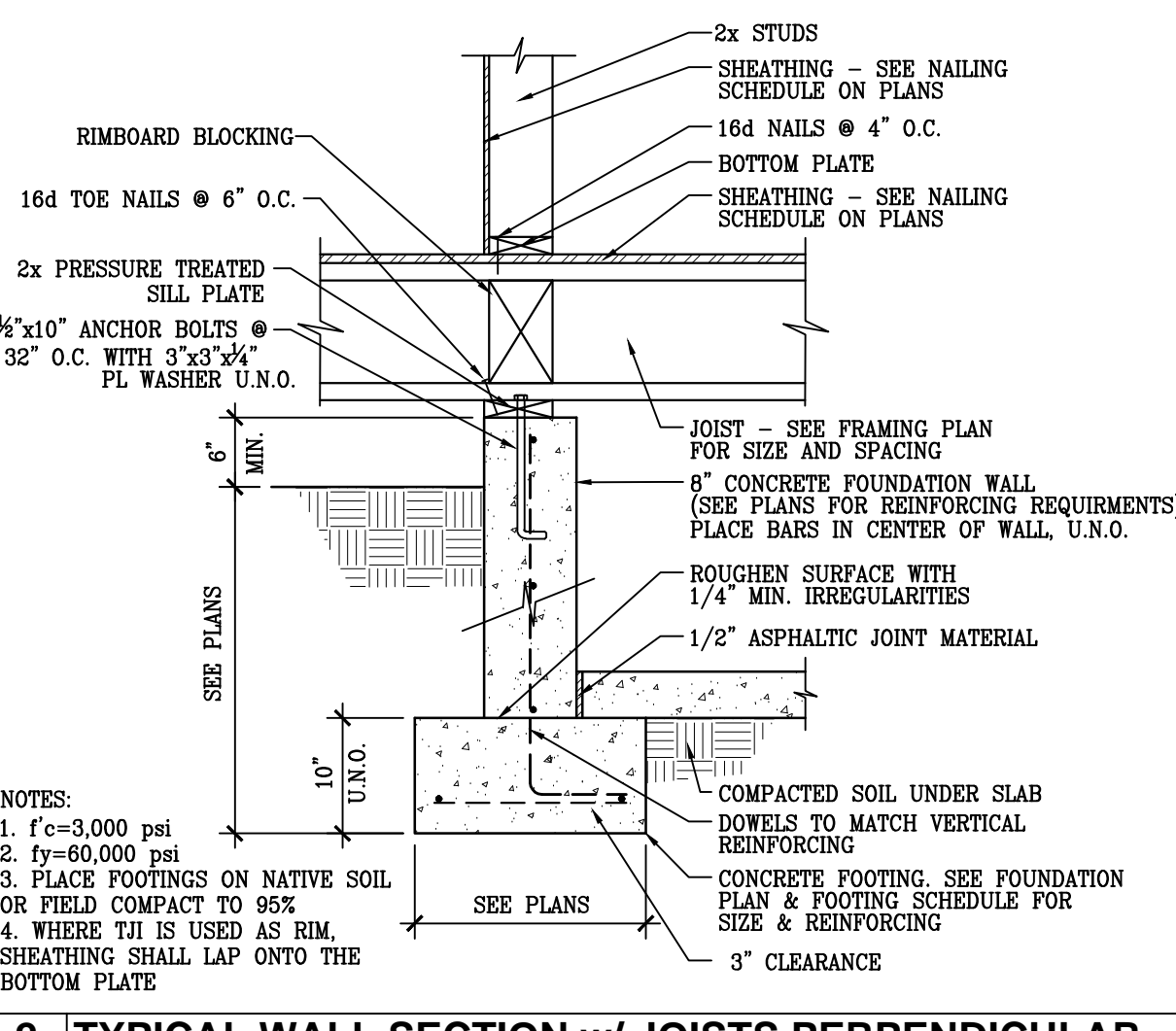
5 STEEL BEAM TO STEEL BEAM CONNECTION



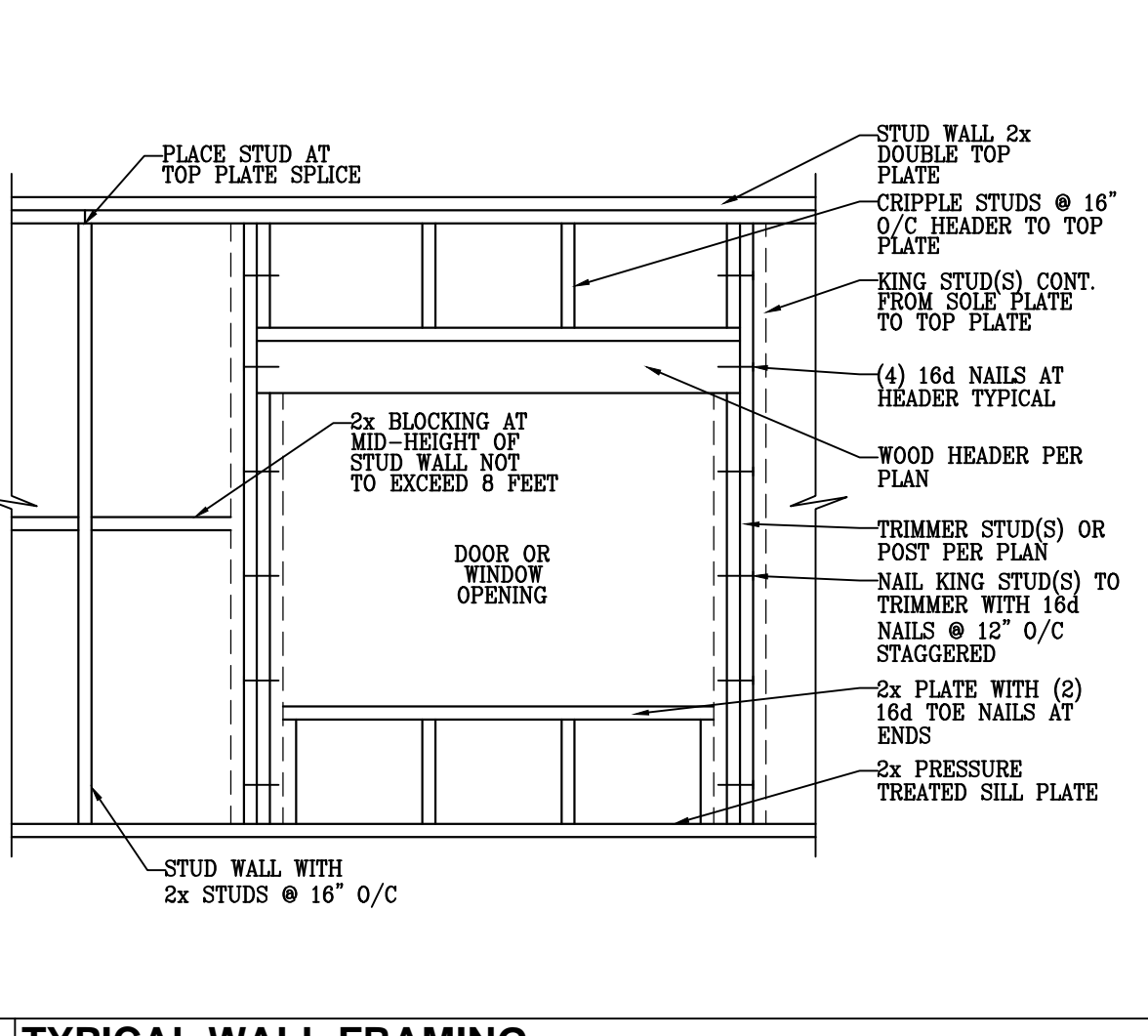
4 STEEL BEAM TO STEEL BEAM CONNECTION



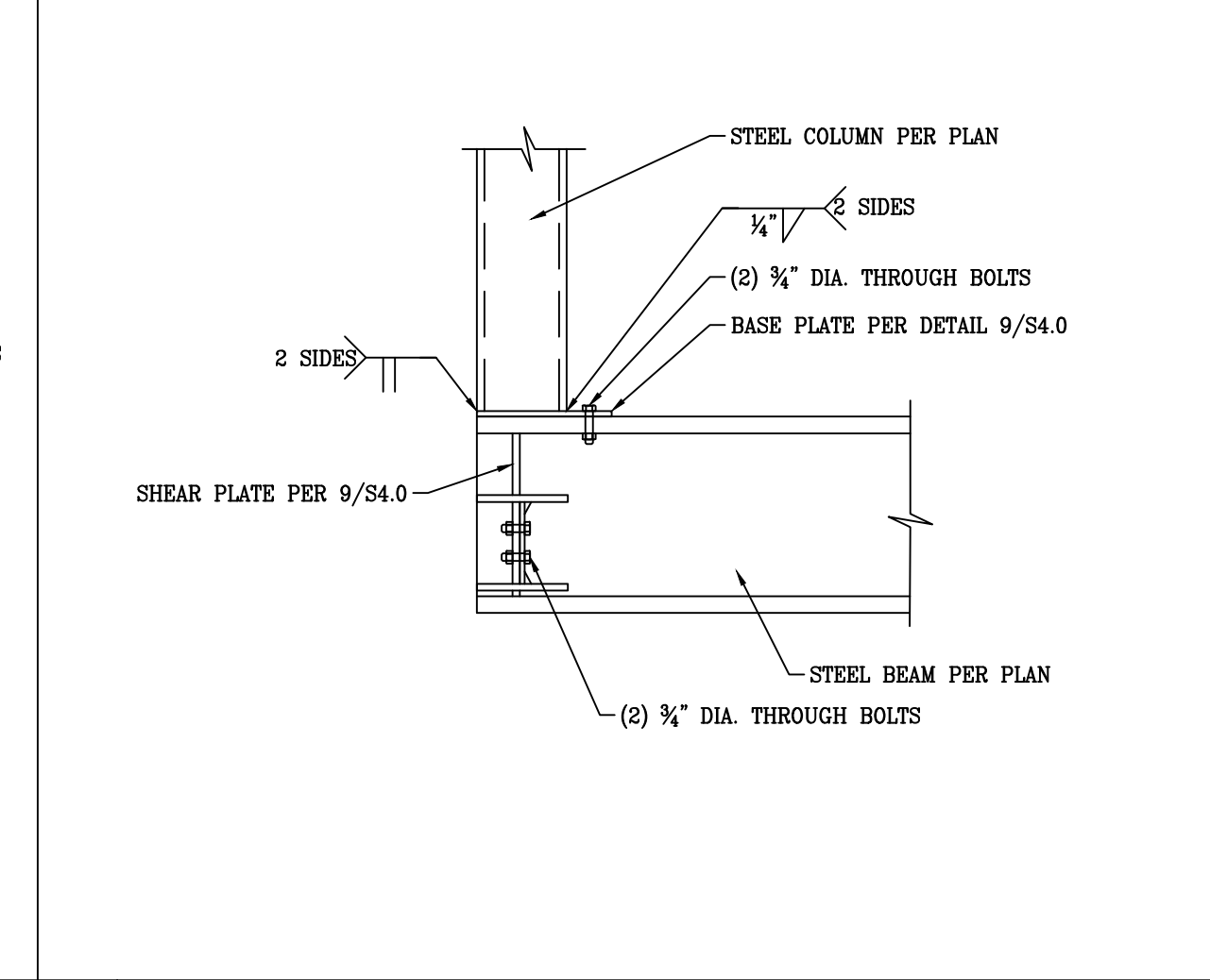
3 STEEL COLUMN AT FOUNDATION WALL



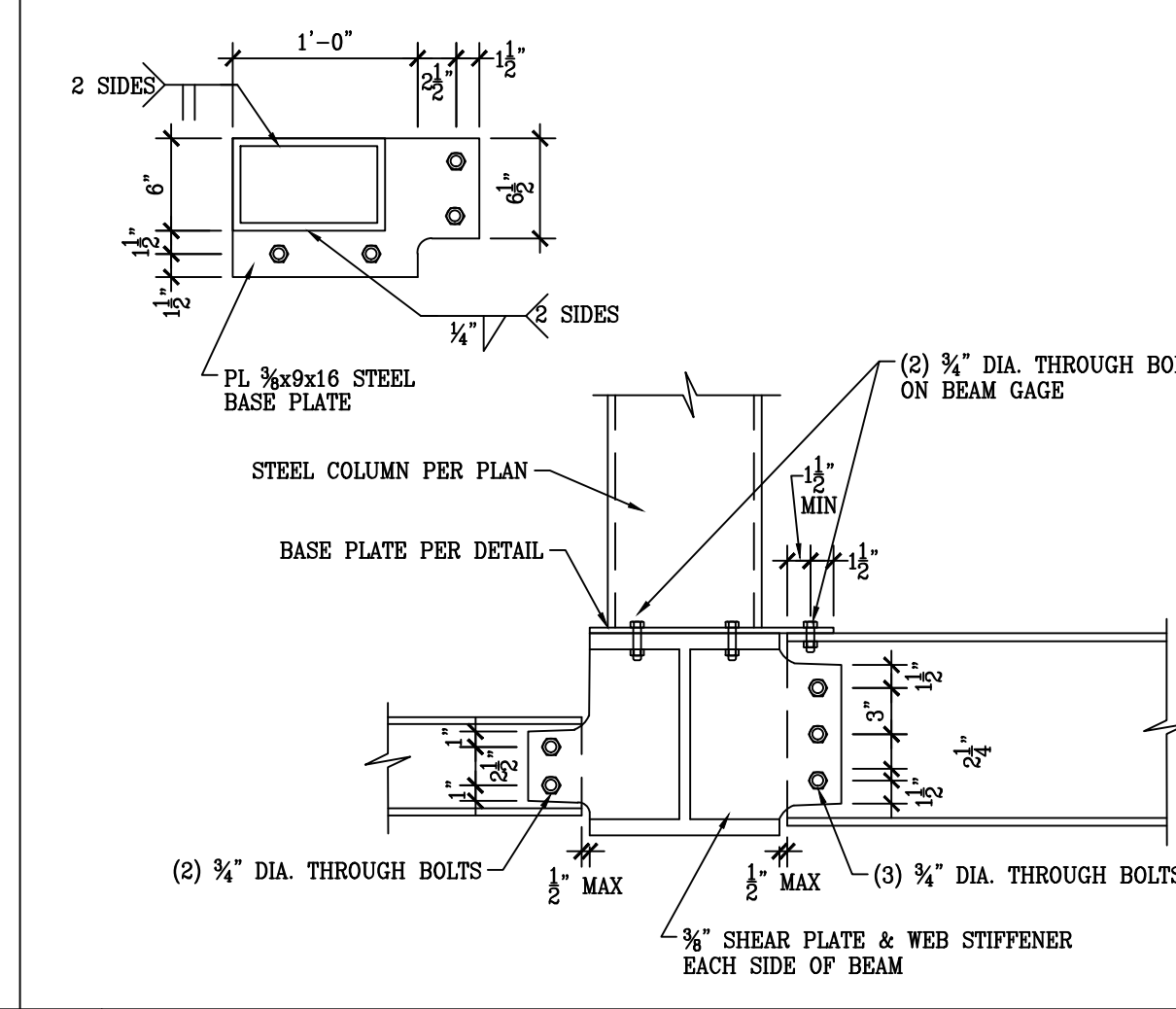
2 TYPICAL WALL SECTION w/ JOISTS PERPENDICULAR



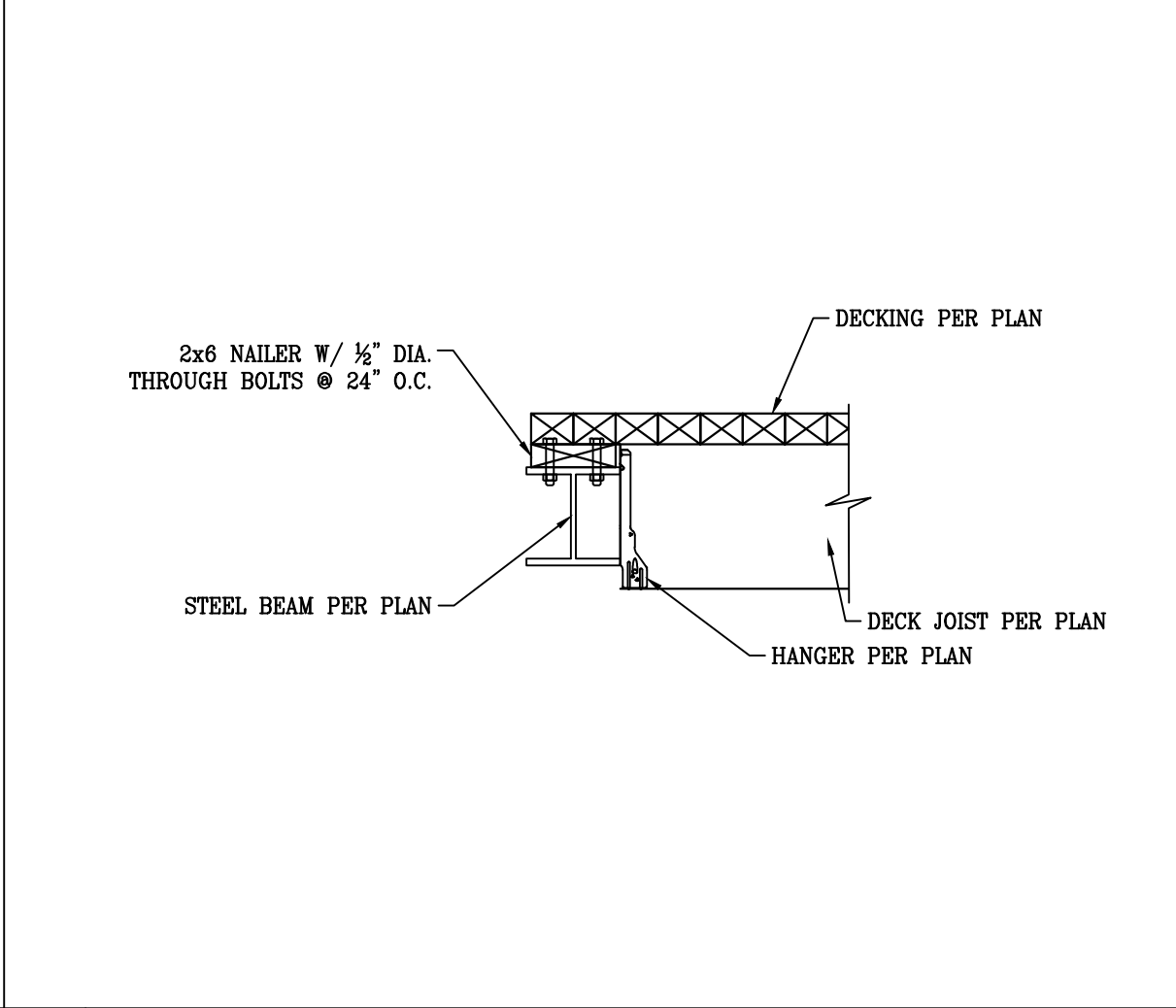
1 TYPICAL WALL FRAMING



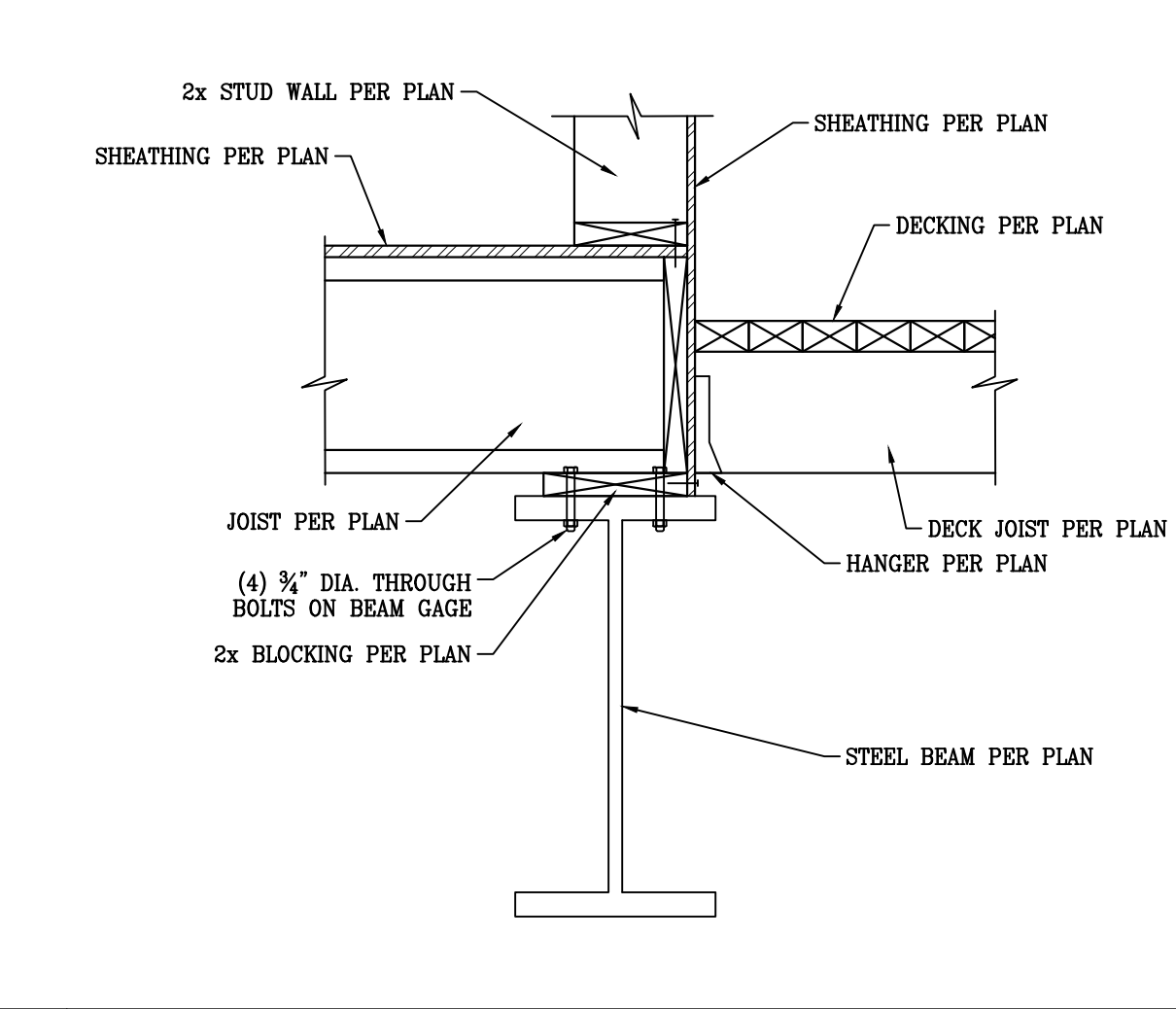
10 STEEL COLUMN TO STEEL BEAM



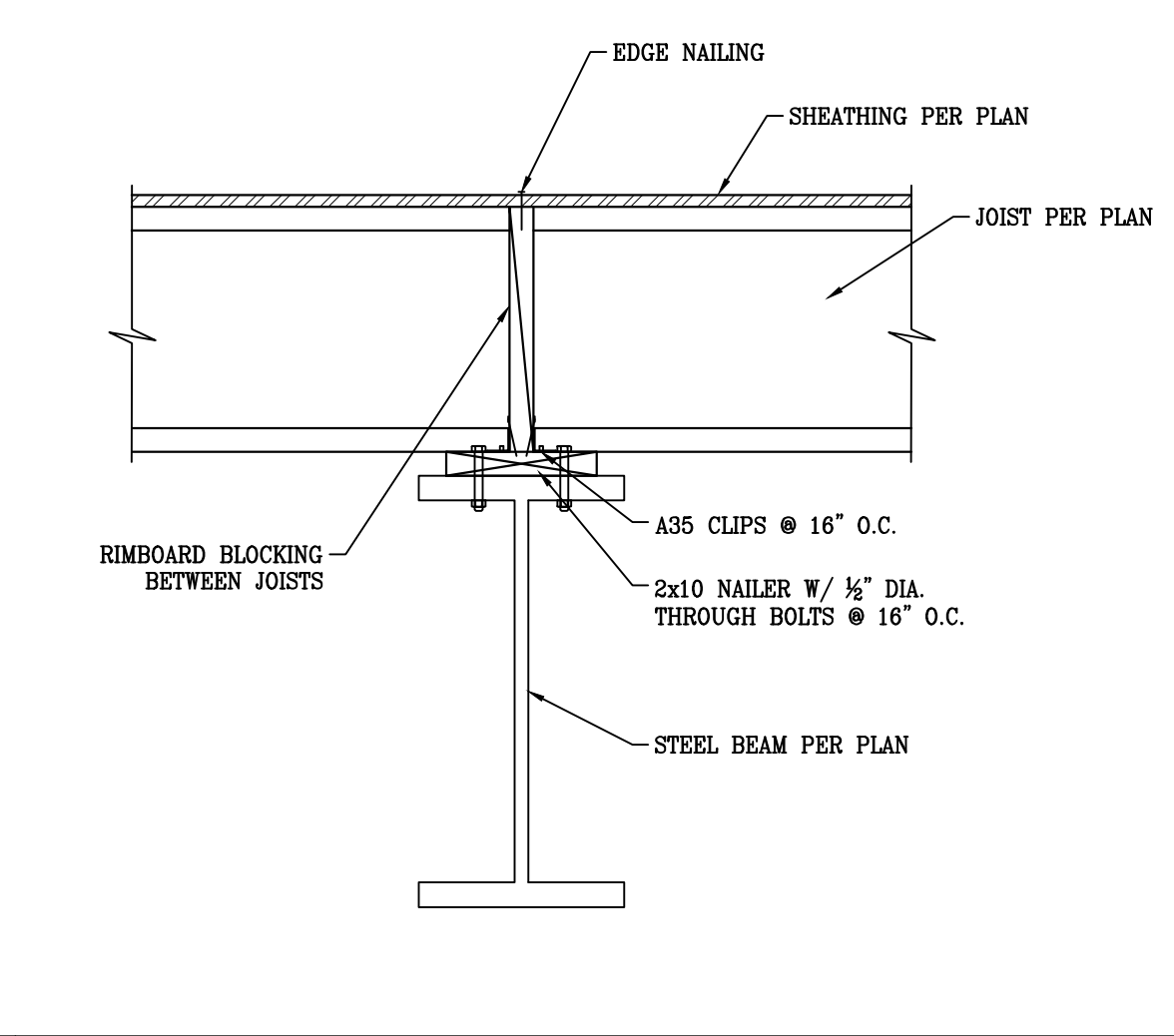
9 STEEL COLUMN TO STEEL BEAM



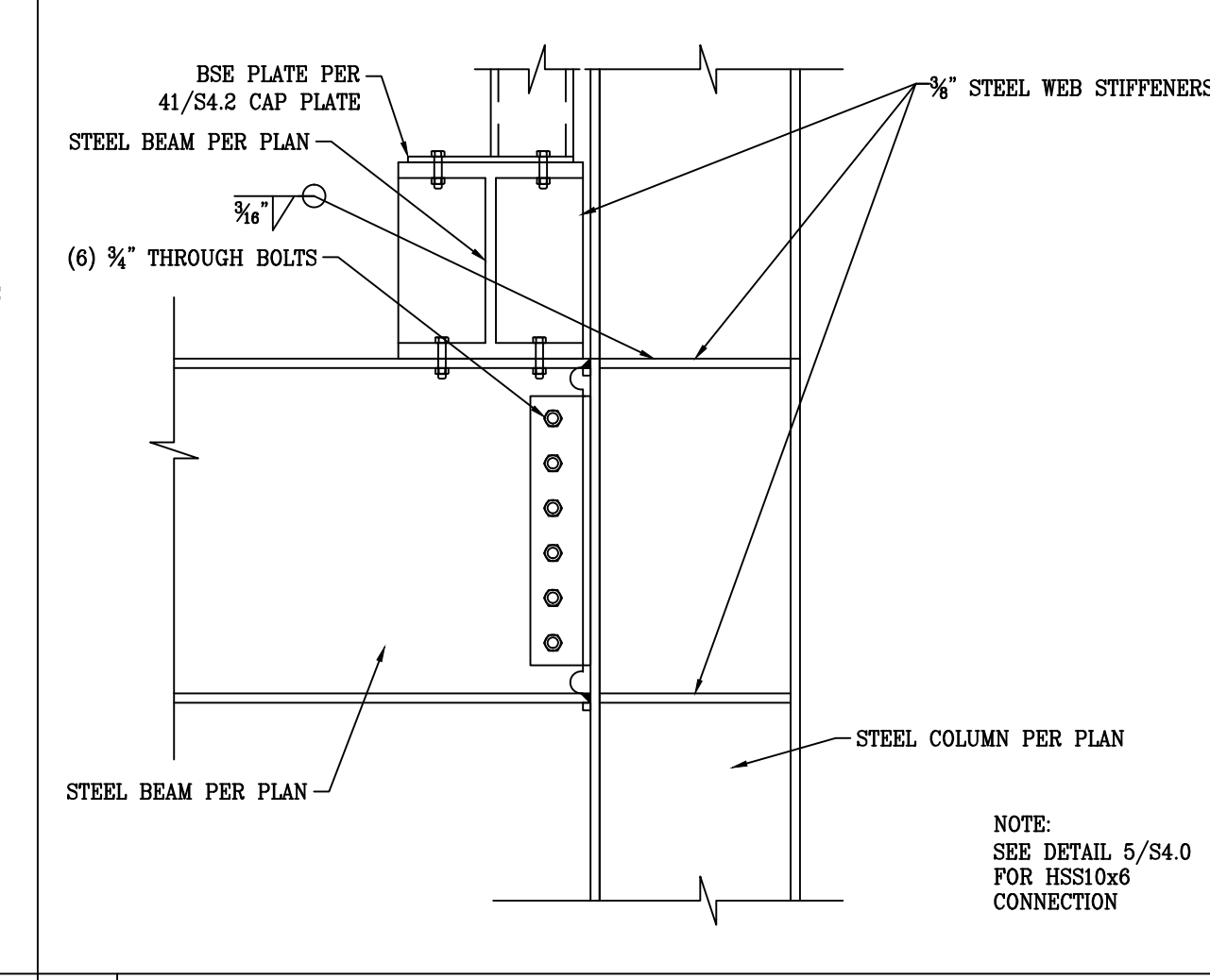
8 DECK JOIST AT STEEL BEAM



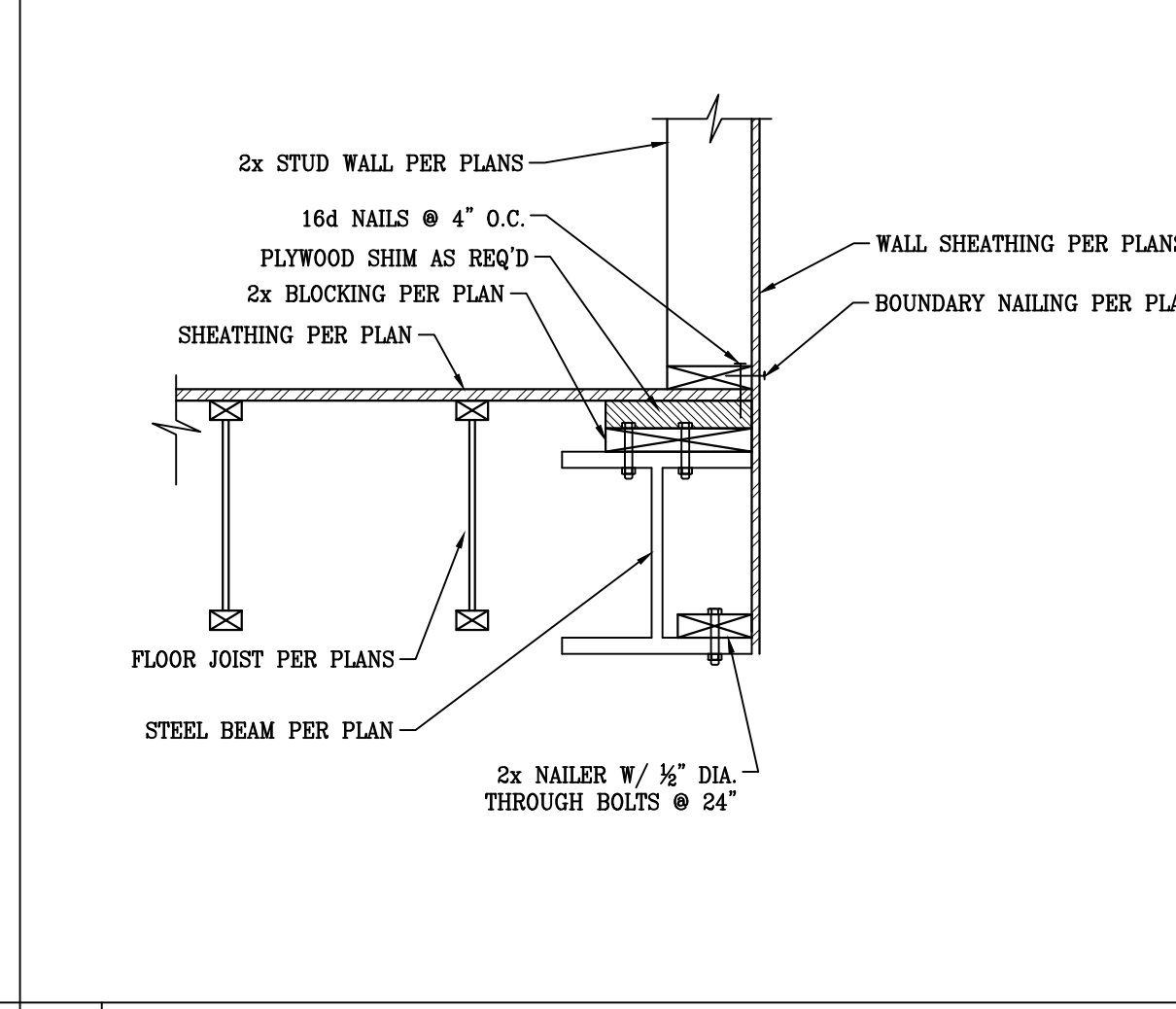
7 FLOOR TRANSITION AT STEEL BEAM



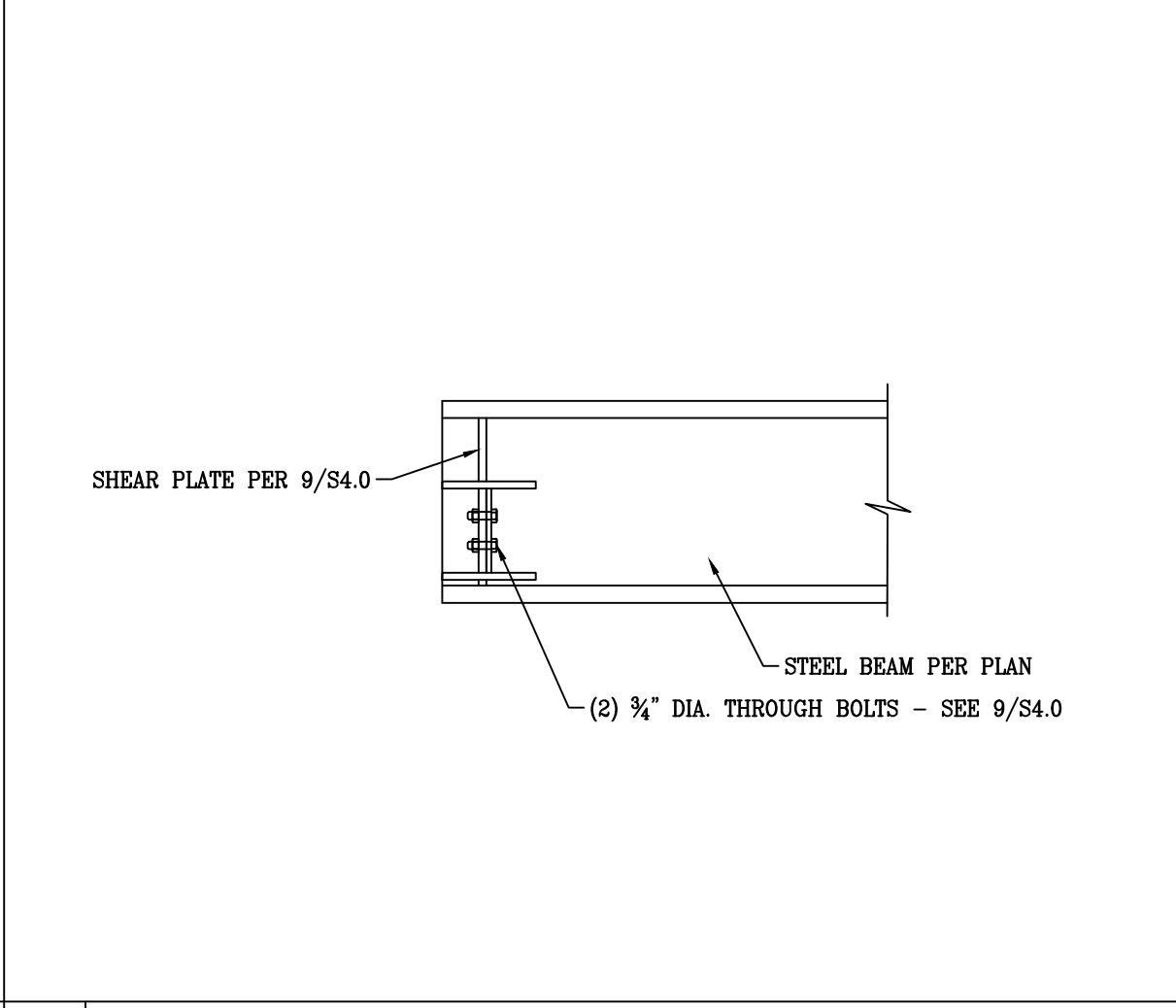
6 FLOOR JOIST AT STEEL BEAM



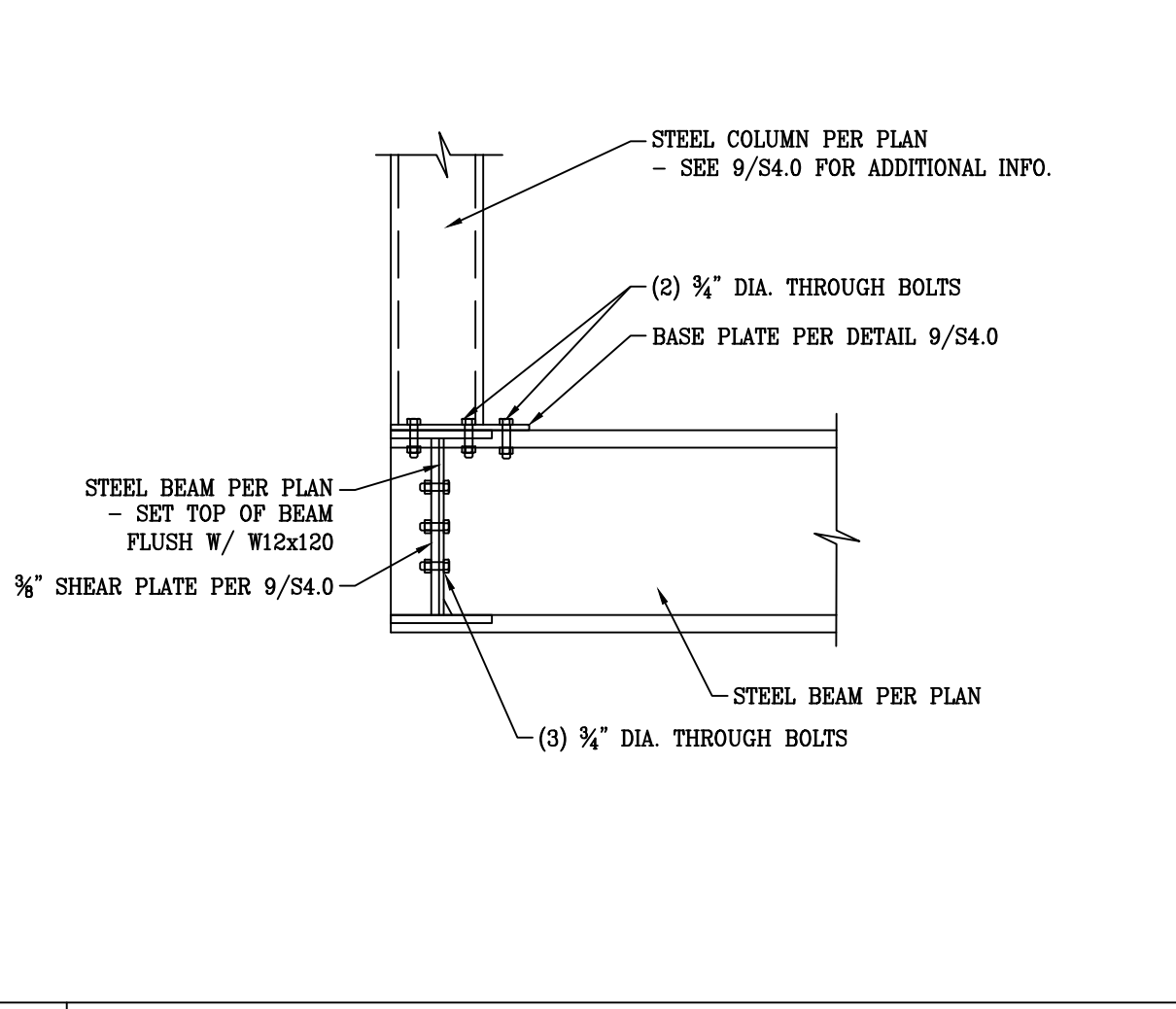
15 STEEL BEAM TO STEEL COLUMN



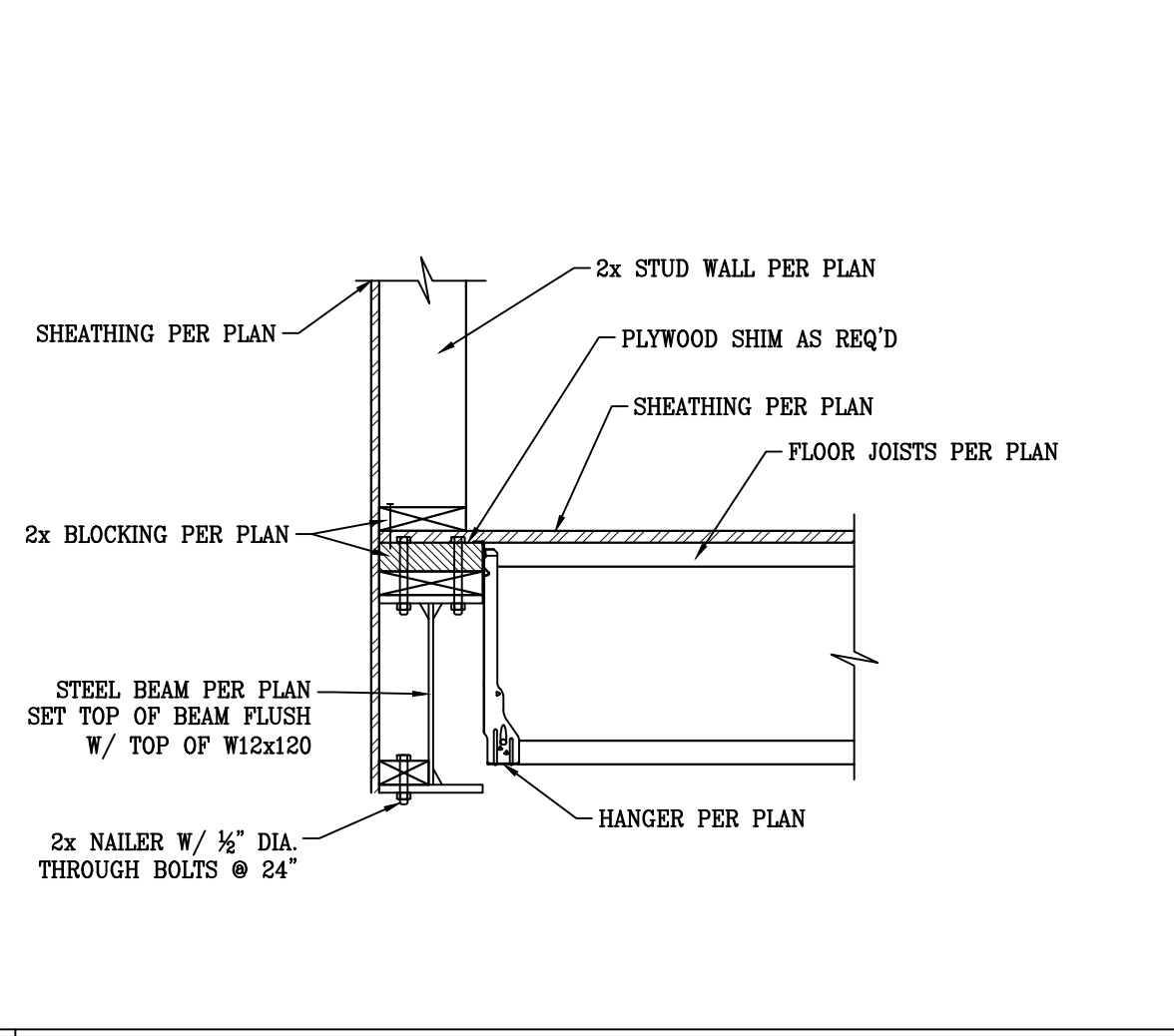
14 STUD WALL TO STEEL BEAM



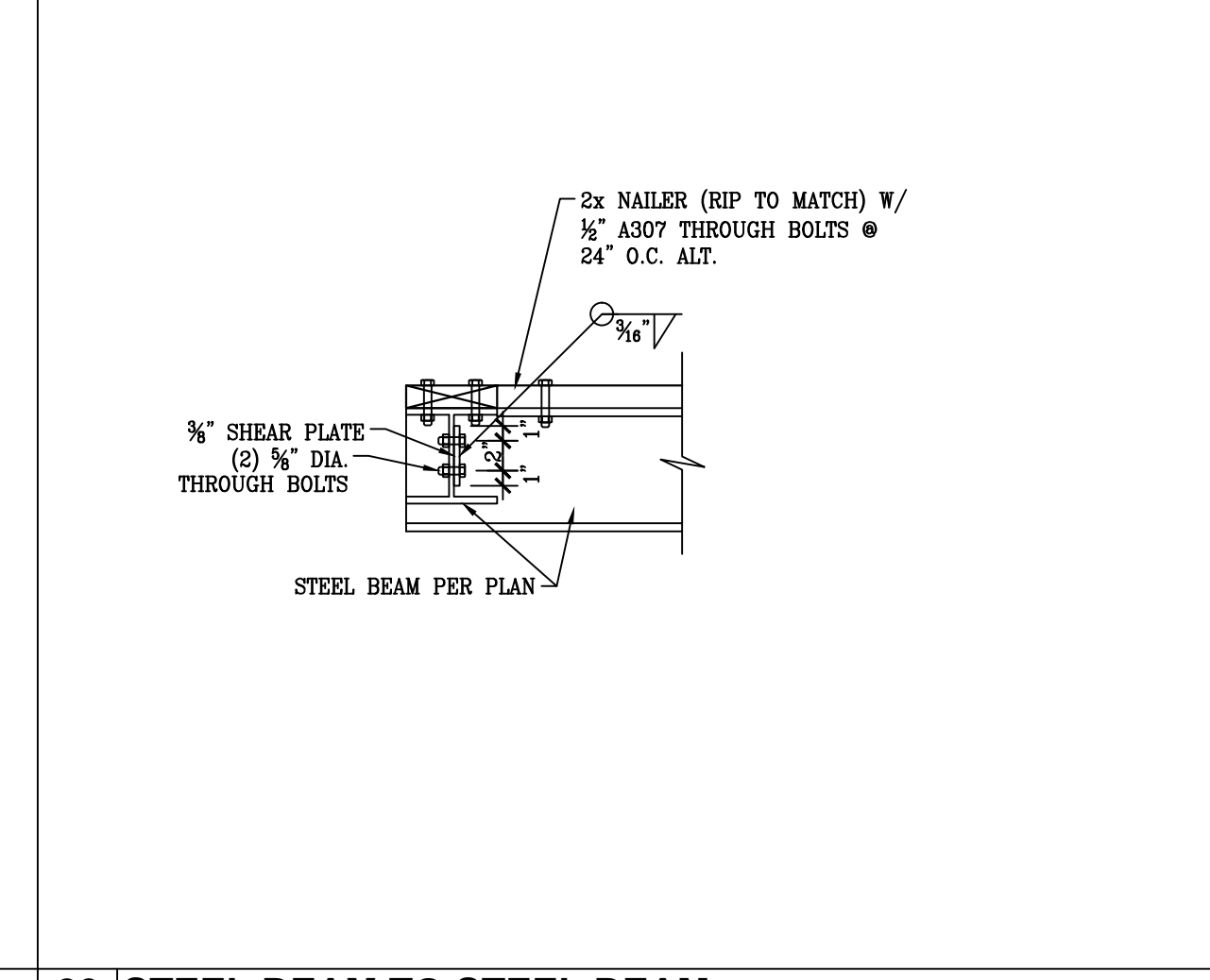
13 STEEL BEAM TO STEEL BEAM



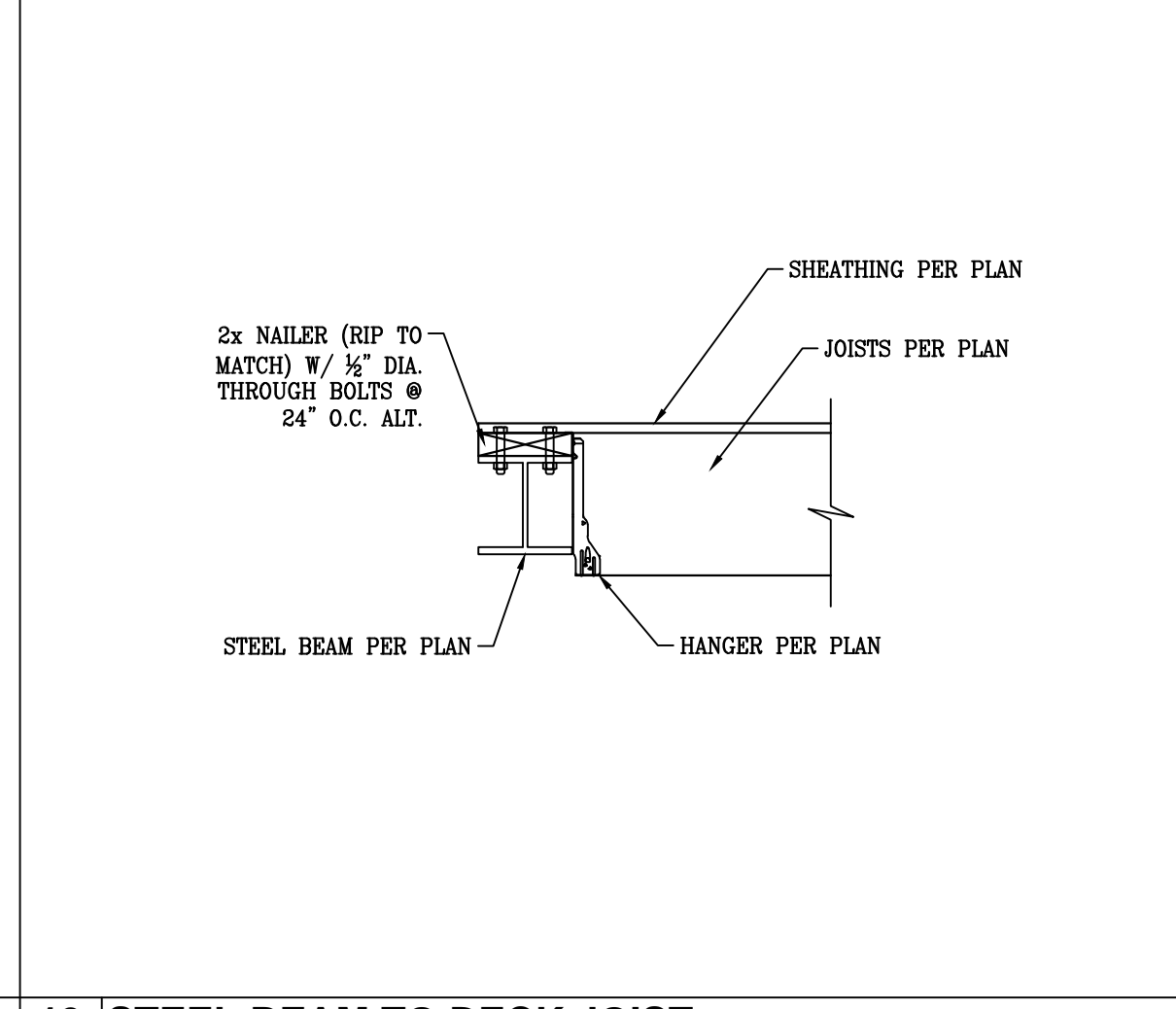
12 STEEL COLUMN TO STEEL BEAMS



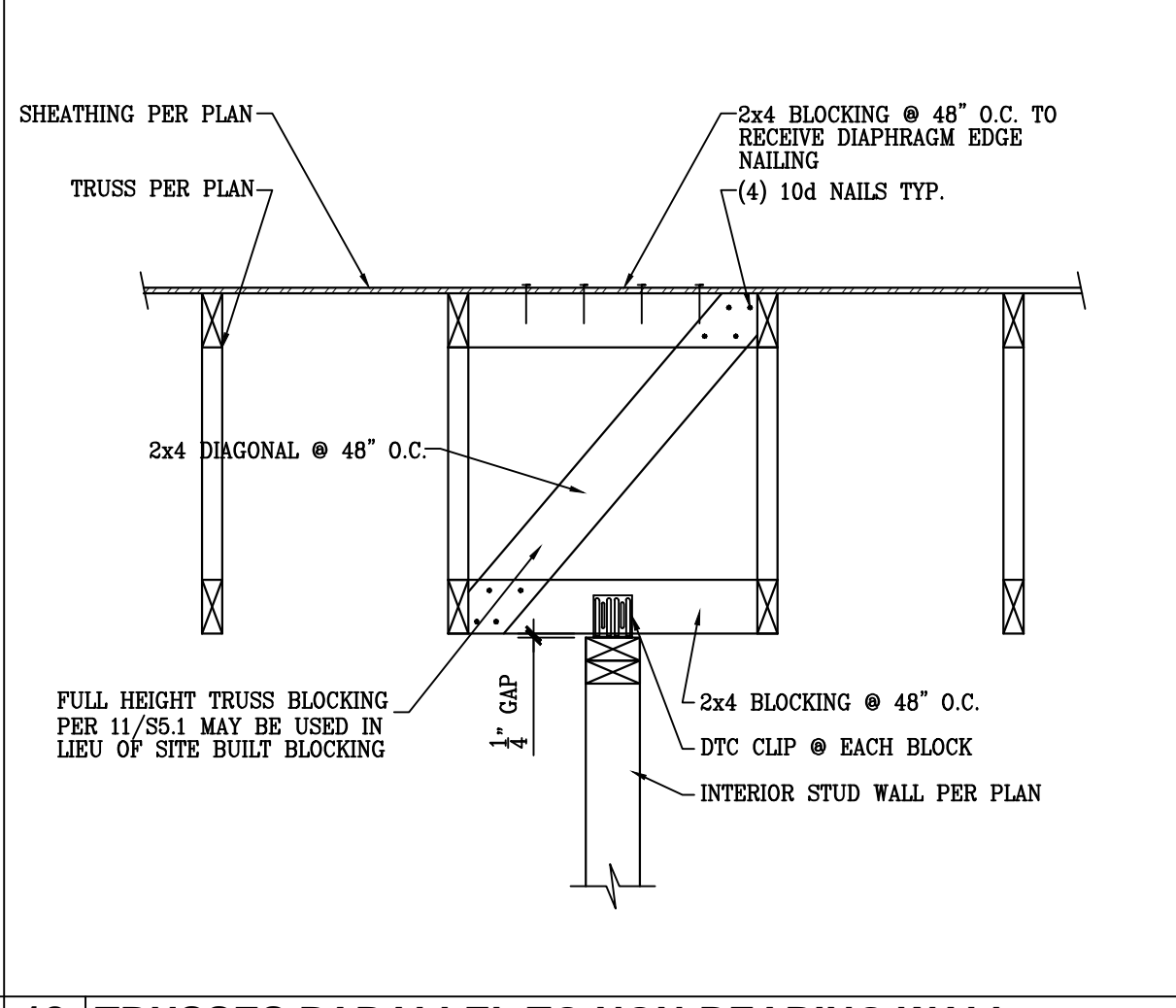
11 FLOOR JOIST TO STEEL BEAM



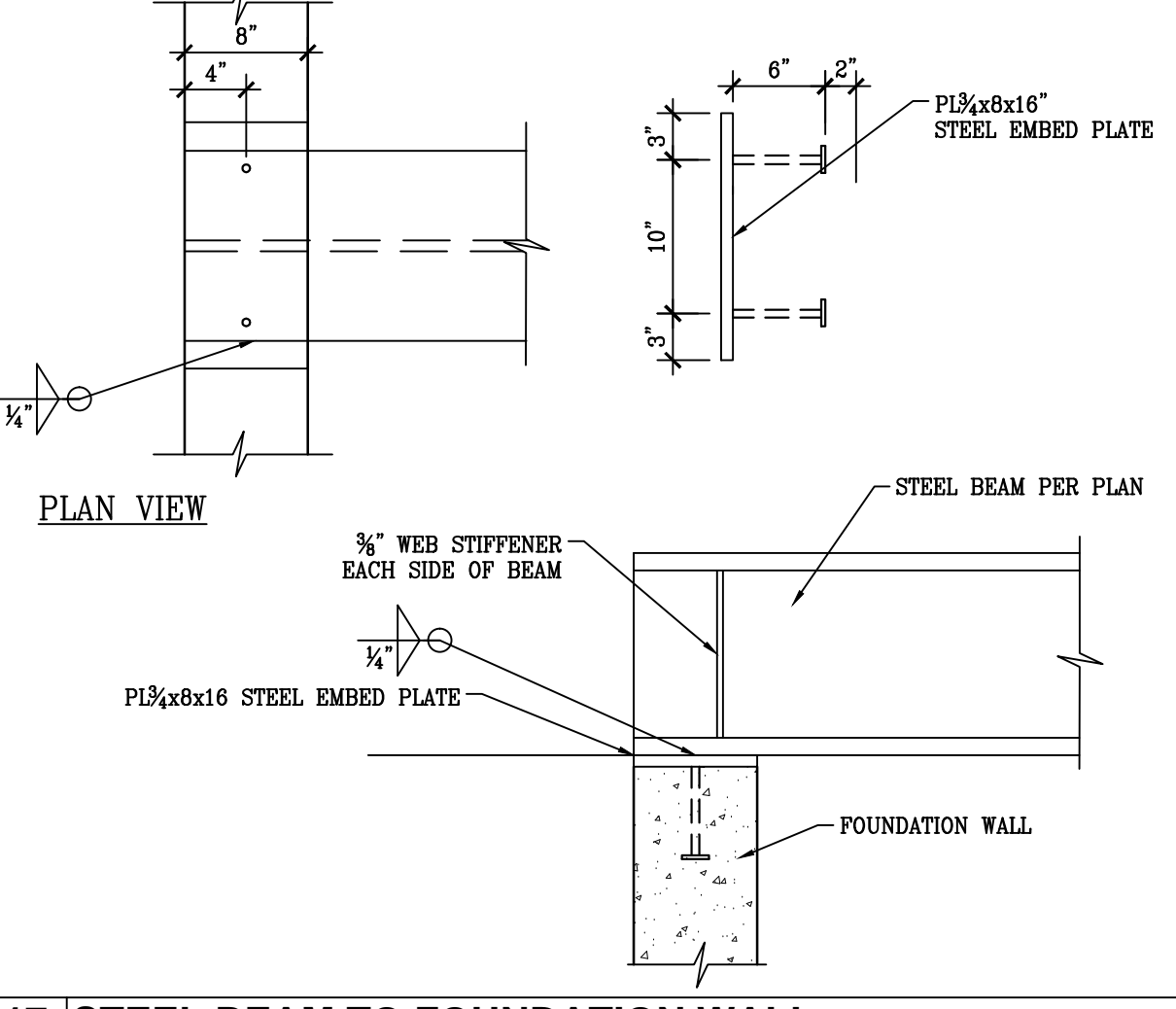
20 STEEL BEAM TO STEEL BEAM



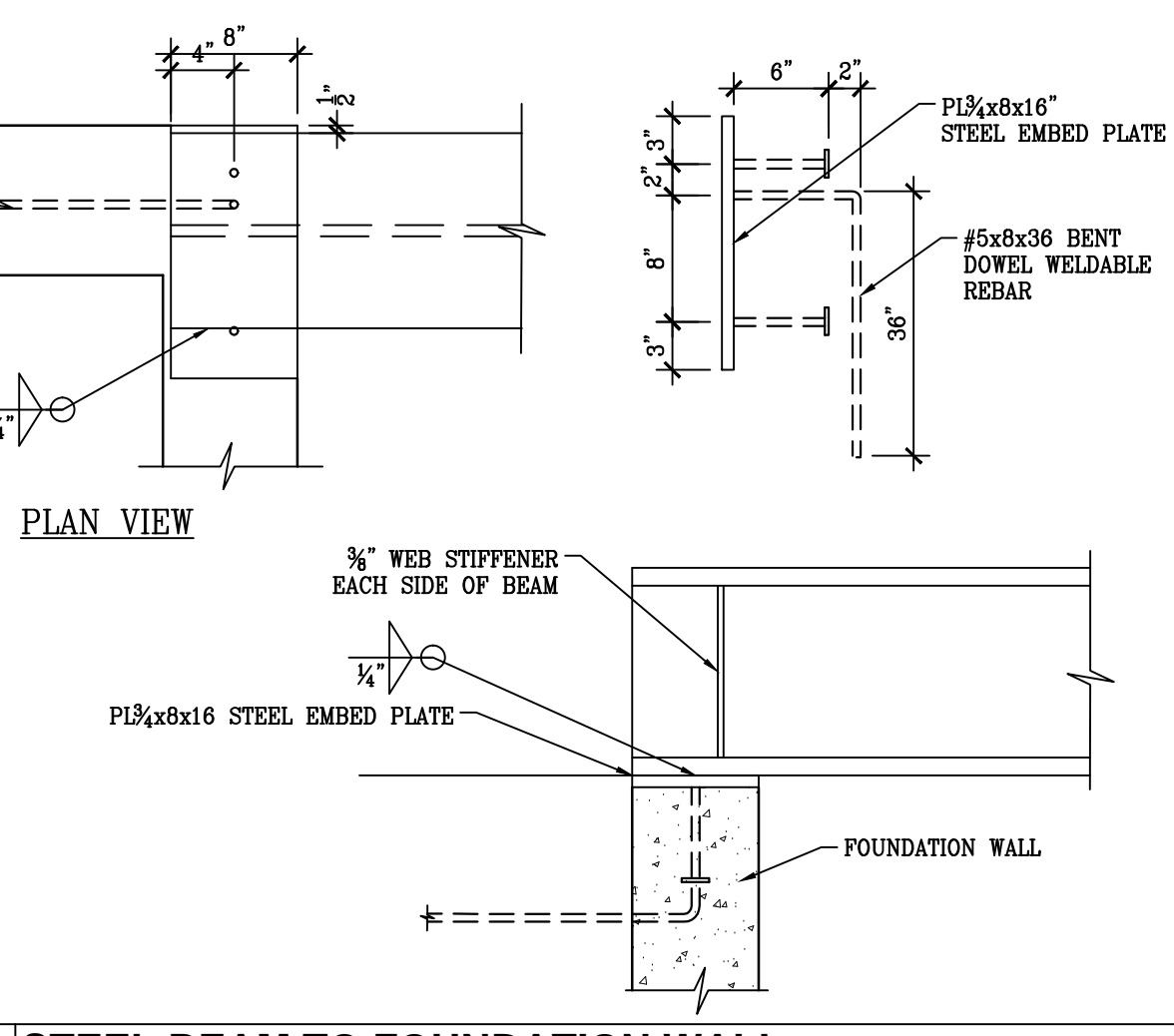
19 STEEL BEAM TO DECK JOIST



18 TRUSSES PARALLEL TO NON-BEARING WALL



17 STEEL BEAM TO FOUNDATION WALL



16 STEEL BEAM TO FOUNDATION WALL



**ENGINEERS
SURVEYORS
PLANNERS**

3302 N. Main Street
Spanish Fork, UT 84660
Phone: 801.798.0555
office@lei-eng.com
www.lei-eng.com



STRUCTURAL ELEMENTS ONLY

RIDGE NEST
LOT #4, THE RIDGE NEST SUBDIVISION, EDEN, UTAH
STRUCTURAL DETAILS

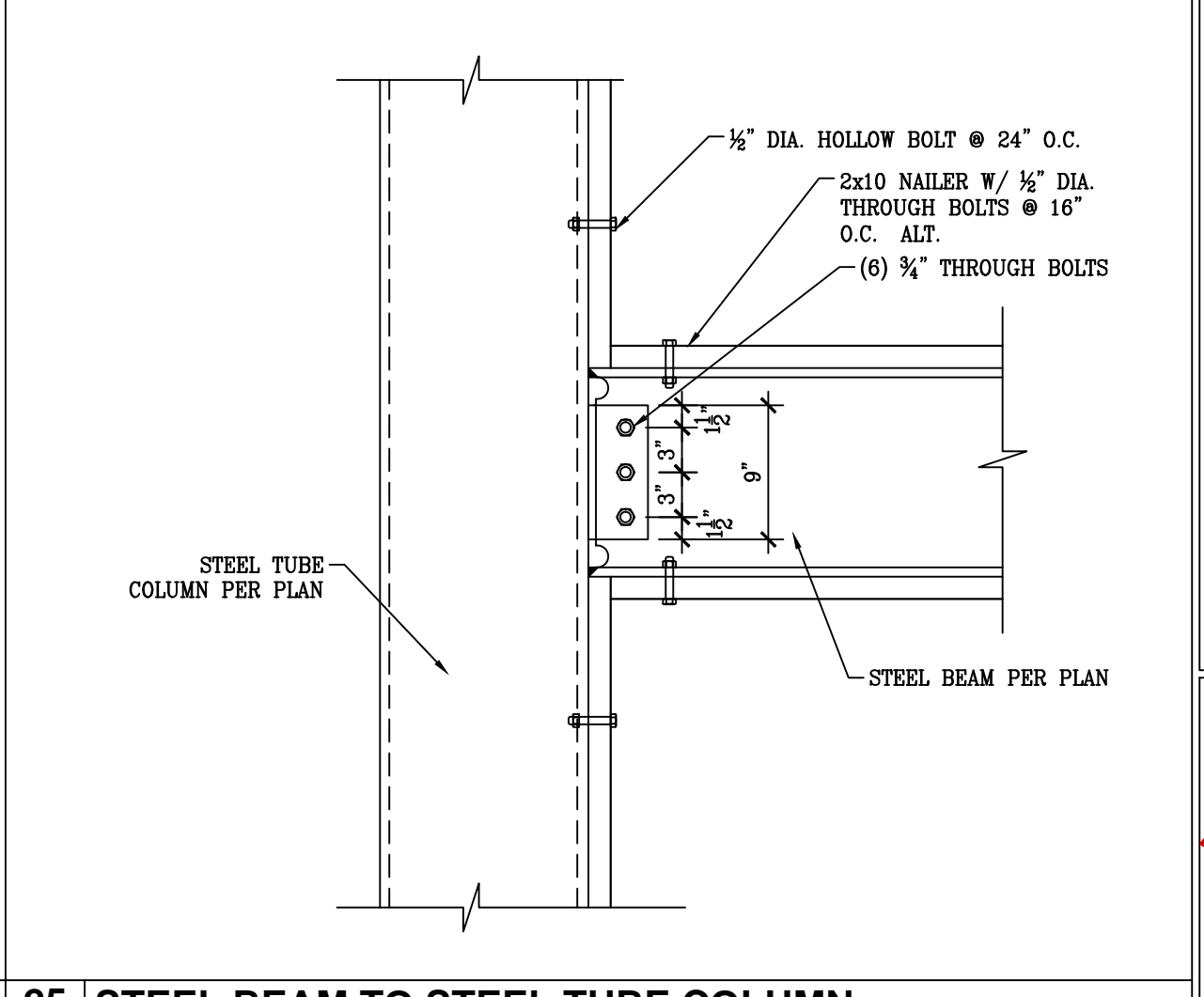
DIMENSIONS SHOWN ON THE
STRUCTURAL PLANS ARE FOR
CONVENIENCE ONLY. VERIFY ALL
DIMENSIONS WITH THE CURRENT
ARCHITECTURAL PLANS PRIOR TO
CONSTRUCTION.

REVISIONS	
1 -	
2 -	
3 -	
4 -	
5 -	
6 -	

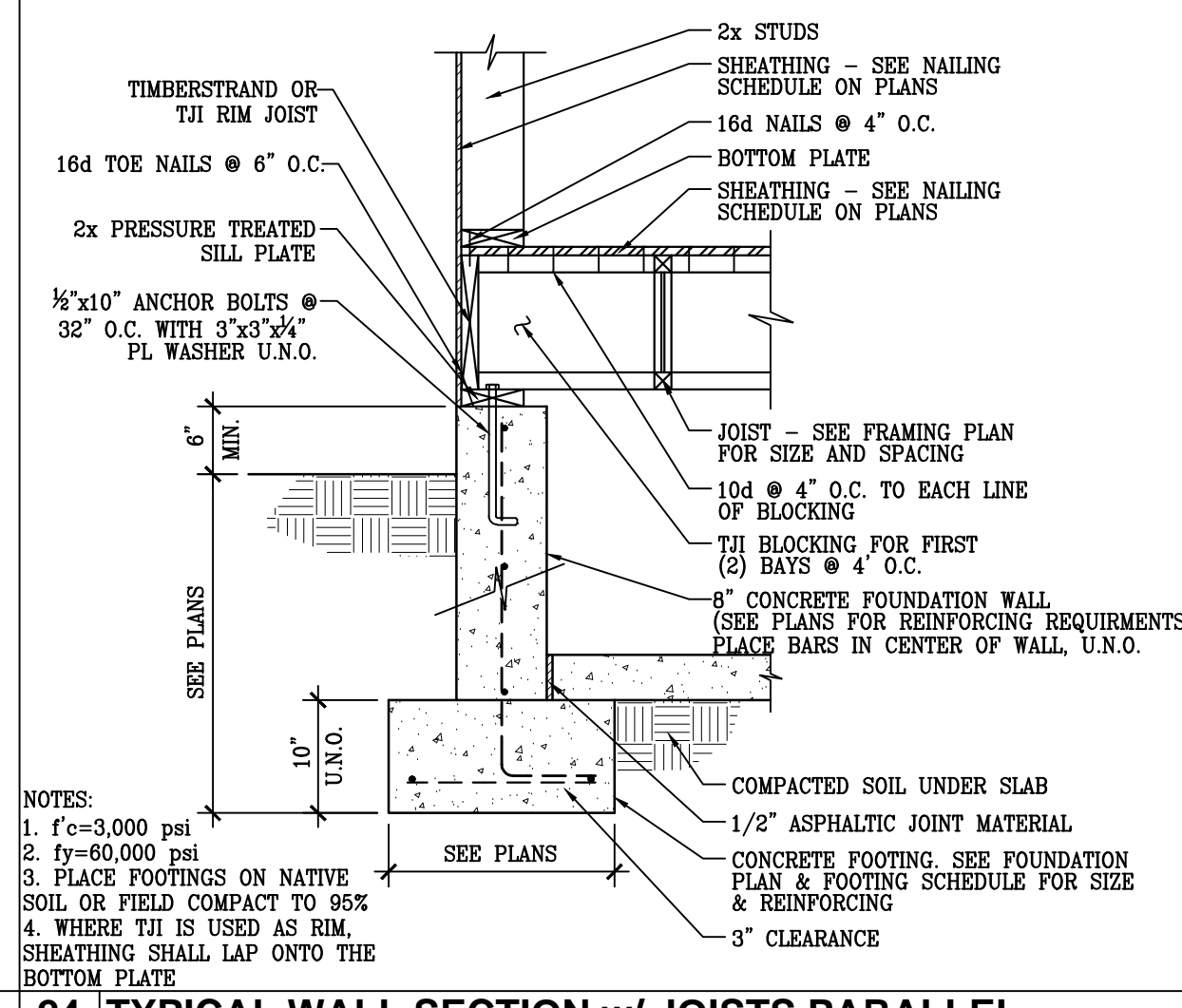
LEI PROJECT #:
2014-1476
DRAWN BY:
AKM
CHECKED BY:
EBM
SCALE:
NTS
DATE:
8/20/2014

SHEET

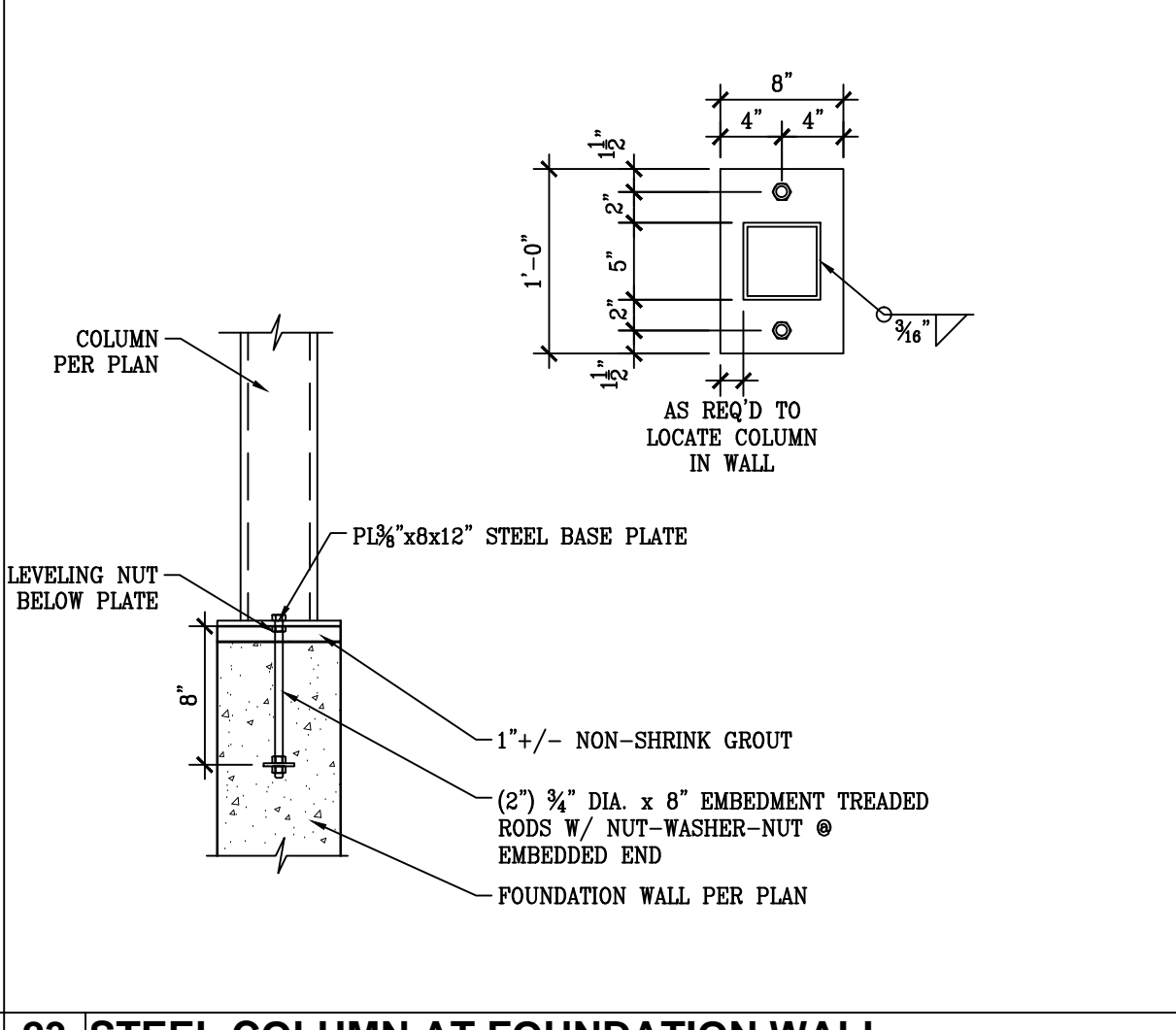
S4.1



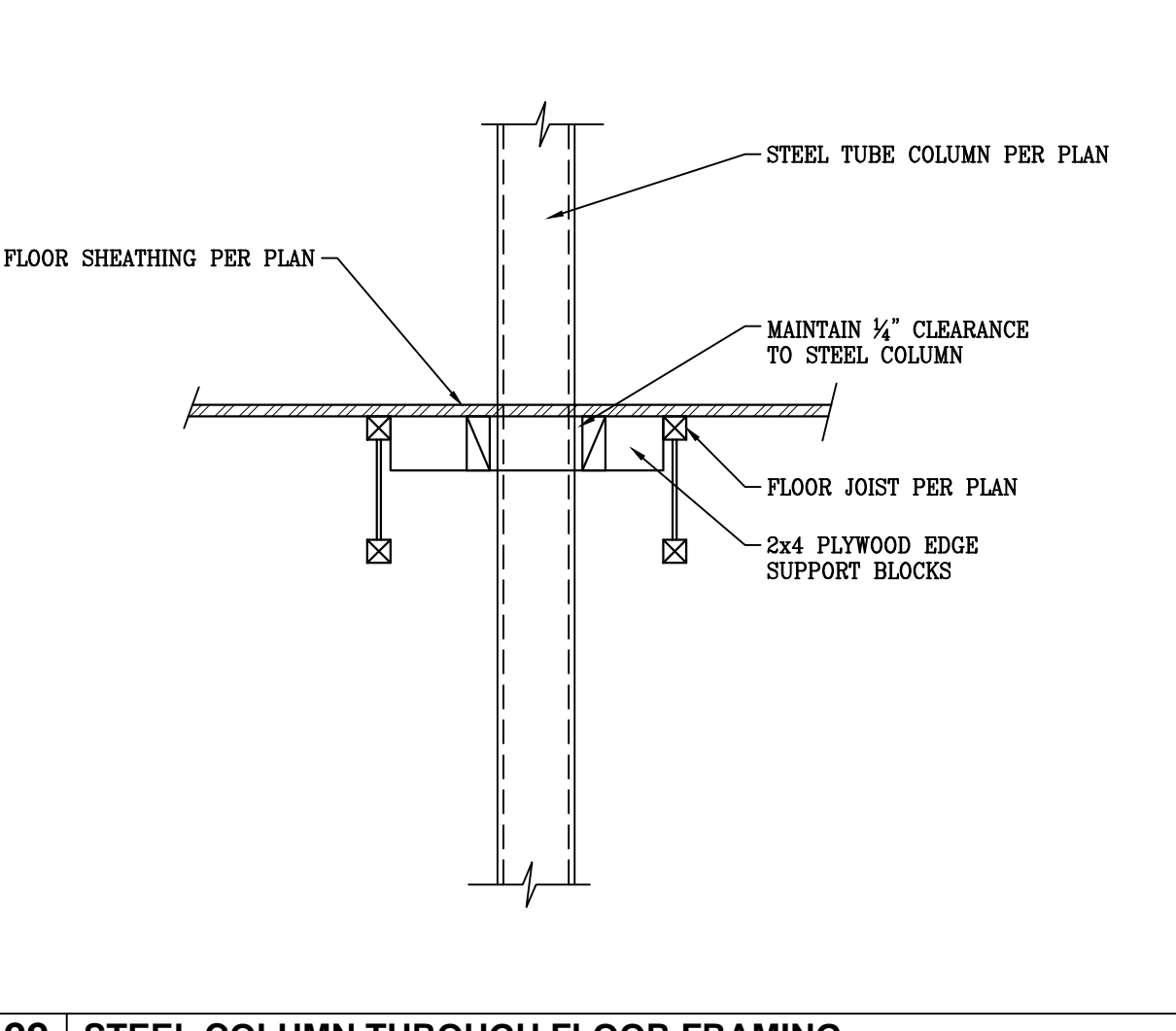
25 STEEL BEAM TO STEEL TUBE COLUMN



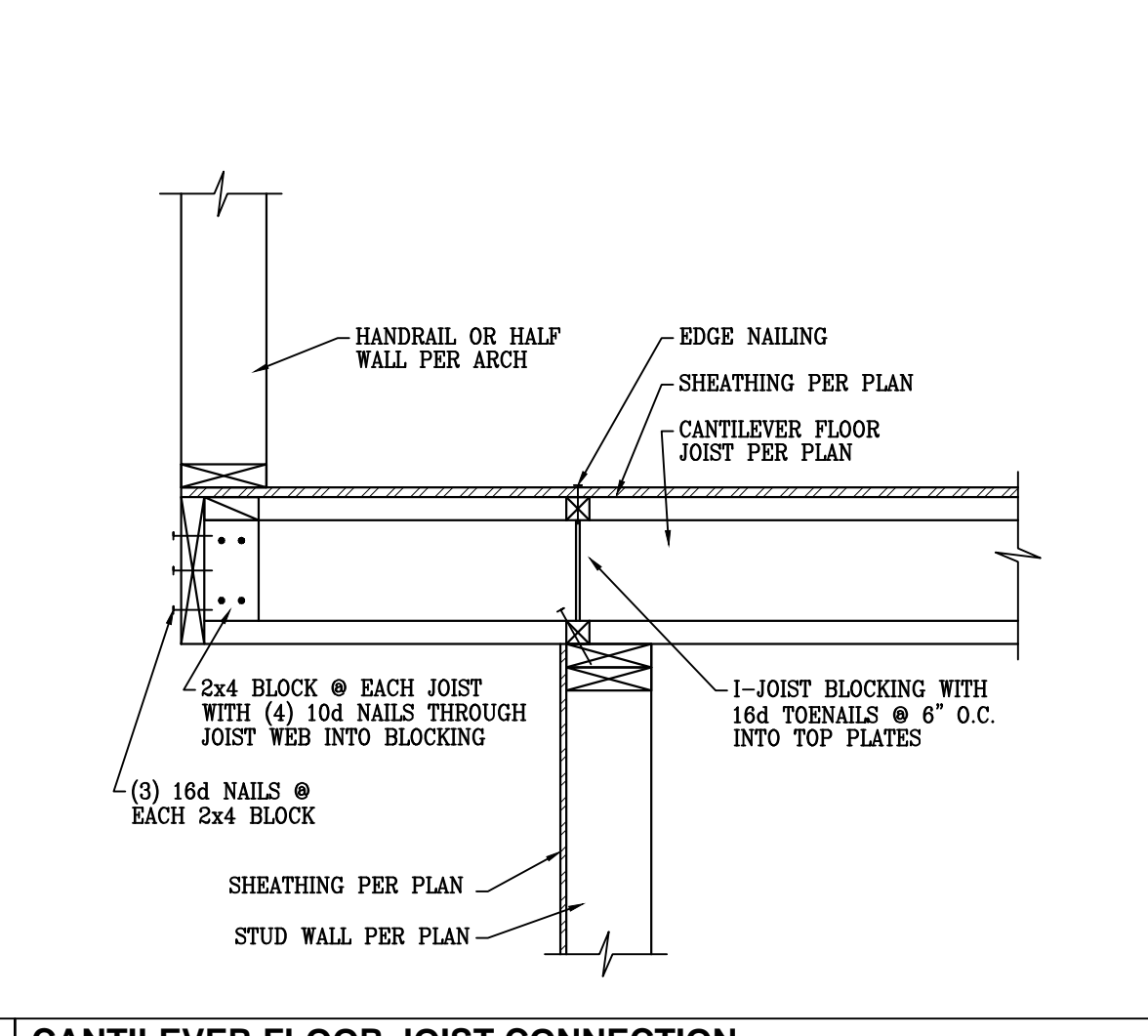
24 TYPICAL WALL SECTION w/ JOISTS PARALLEL



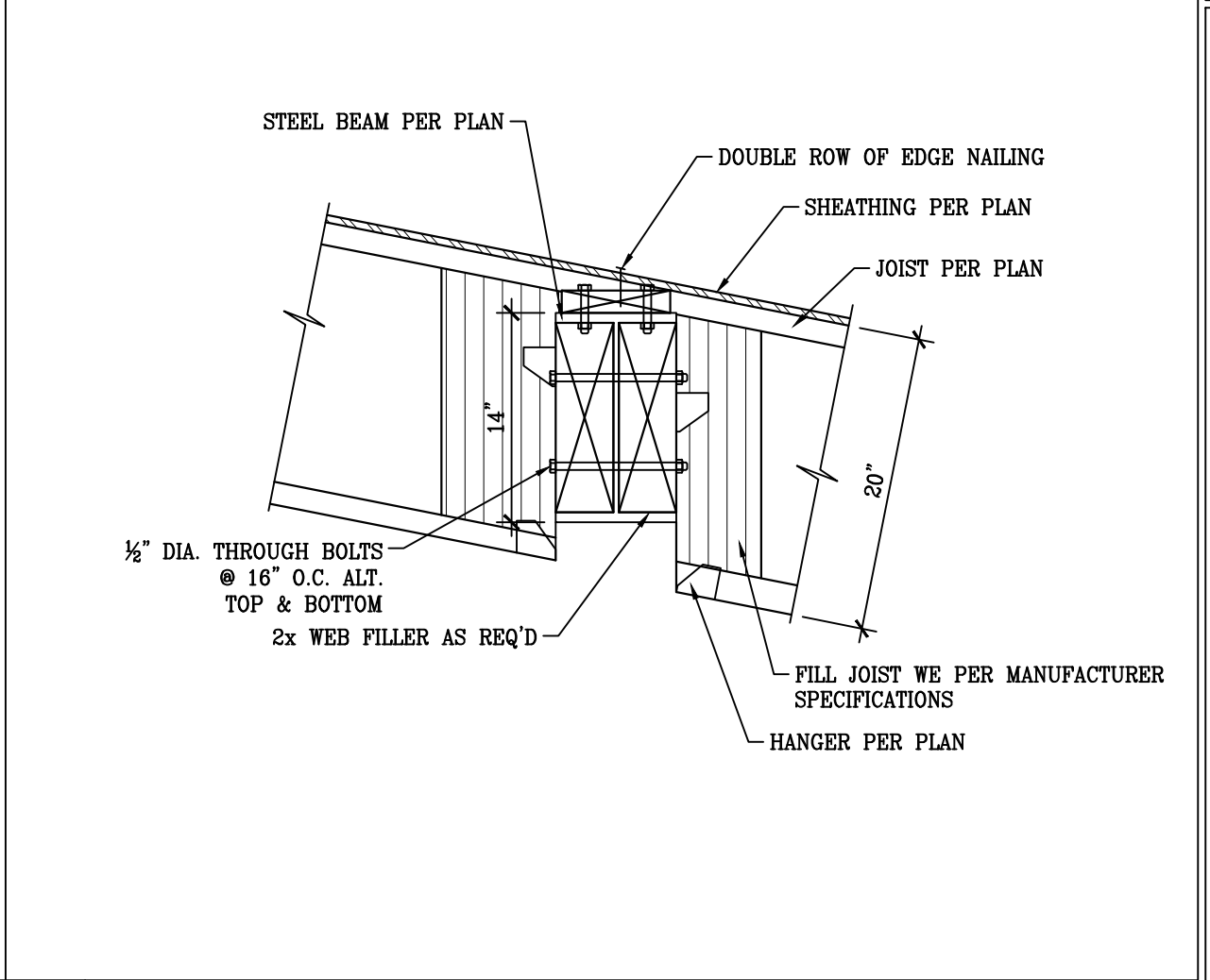
23 STEEL COLUMN AT FOUNDATION WALL



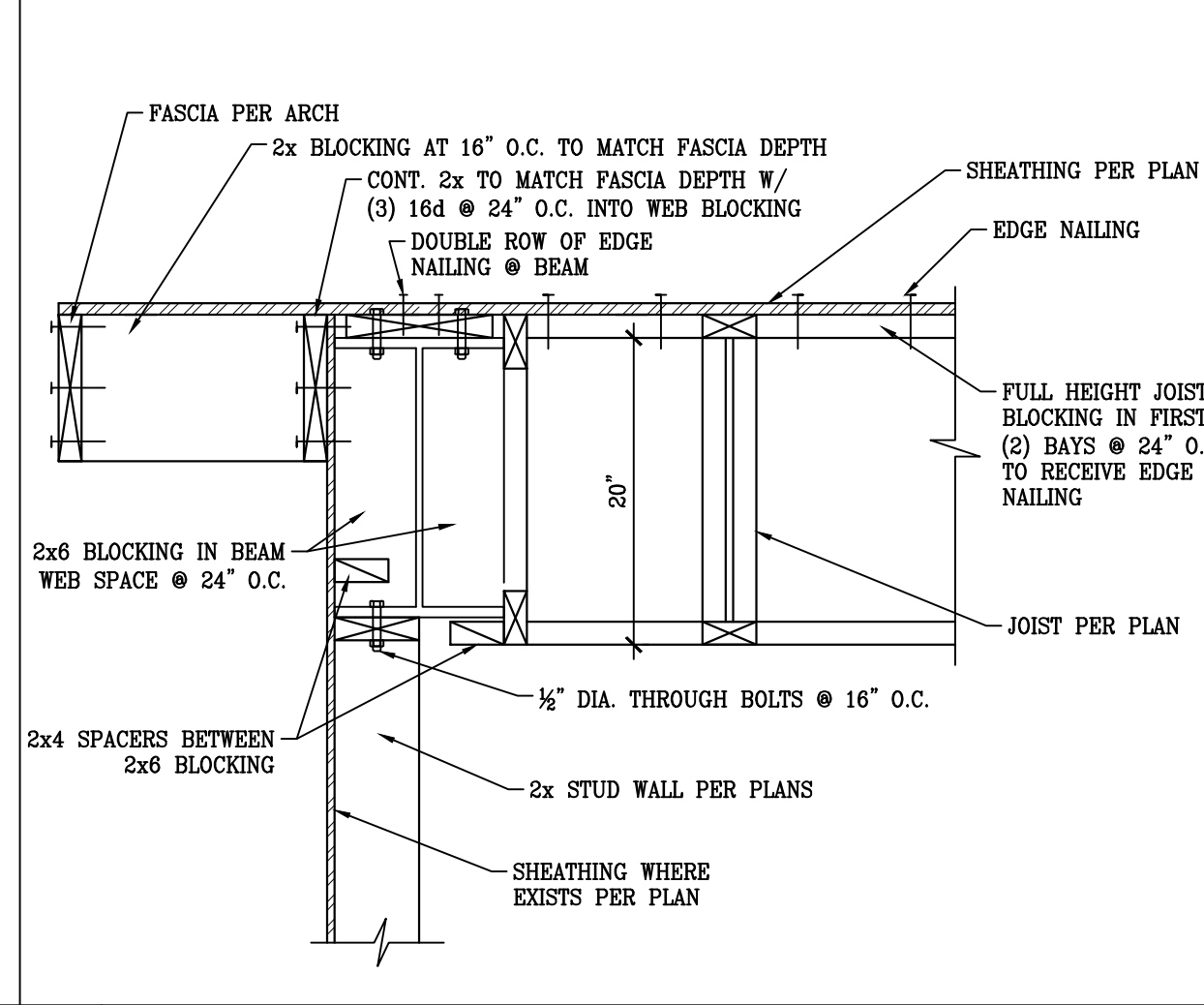
22 STEEL COLUMN THROUGH FLOOR FRAMING



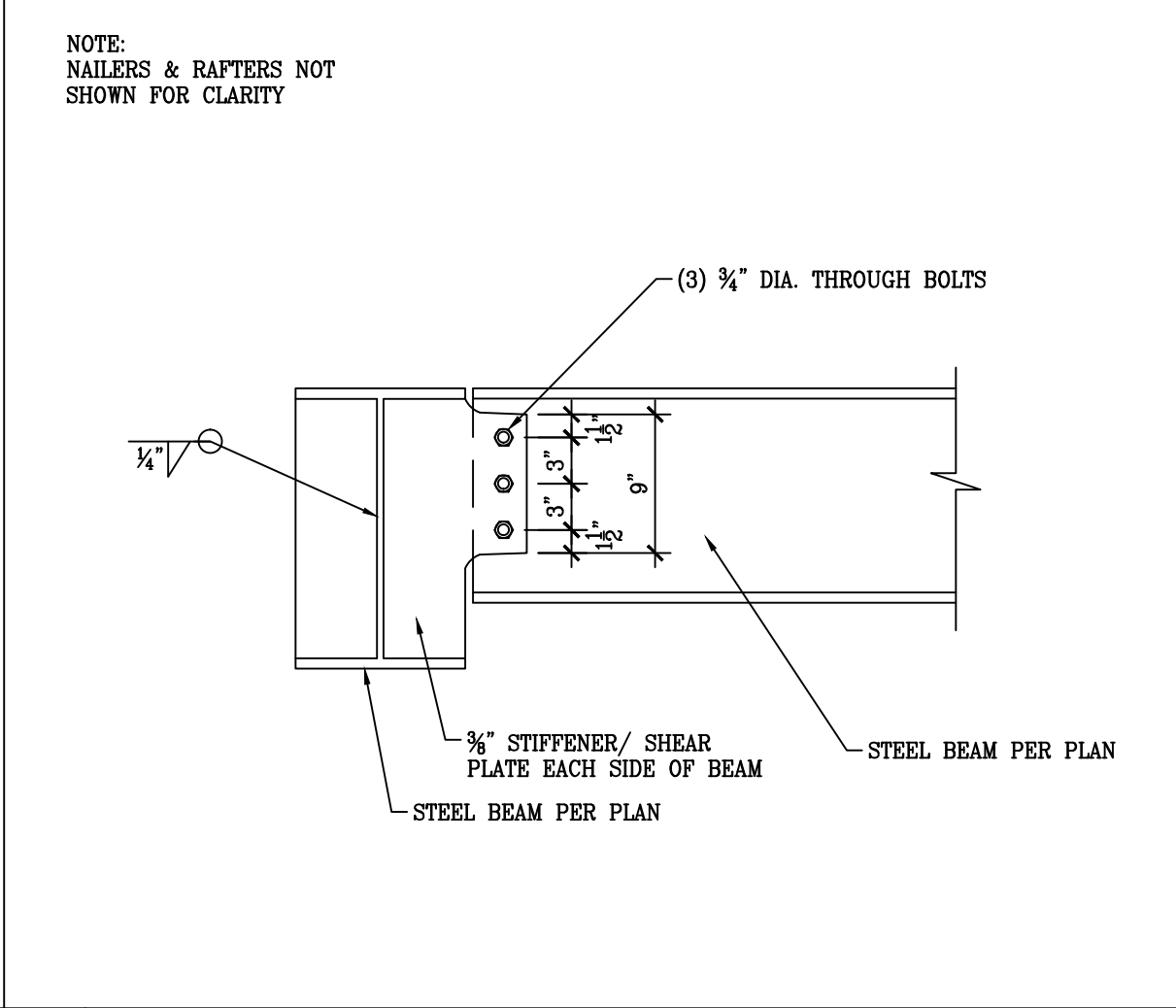
21 CANTILEVER FLOOR JOIST CONNECTION



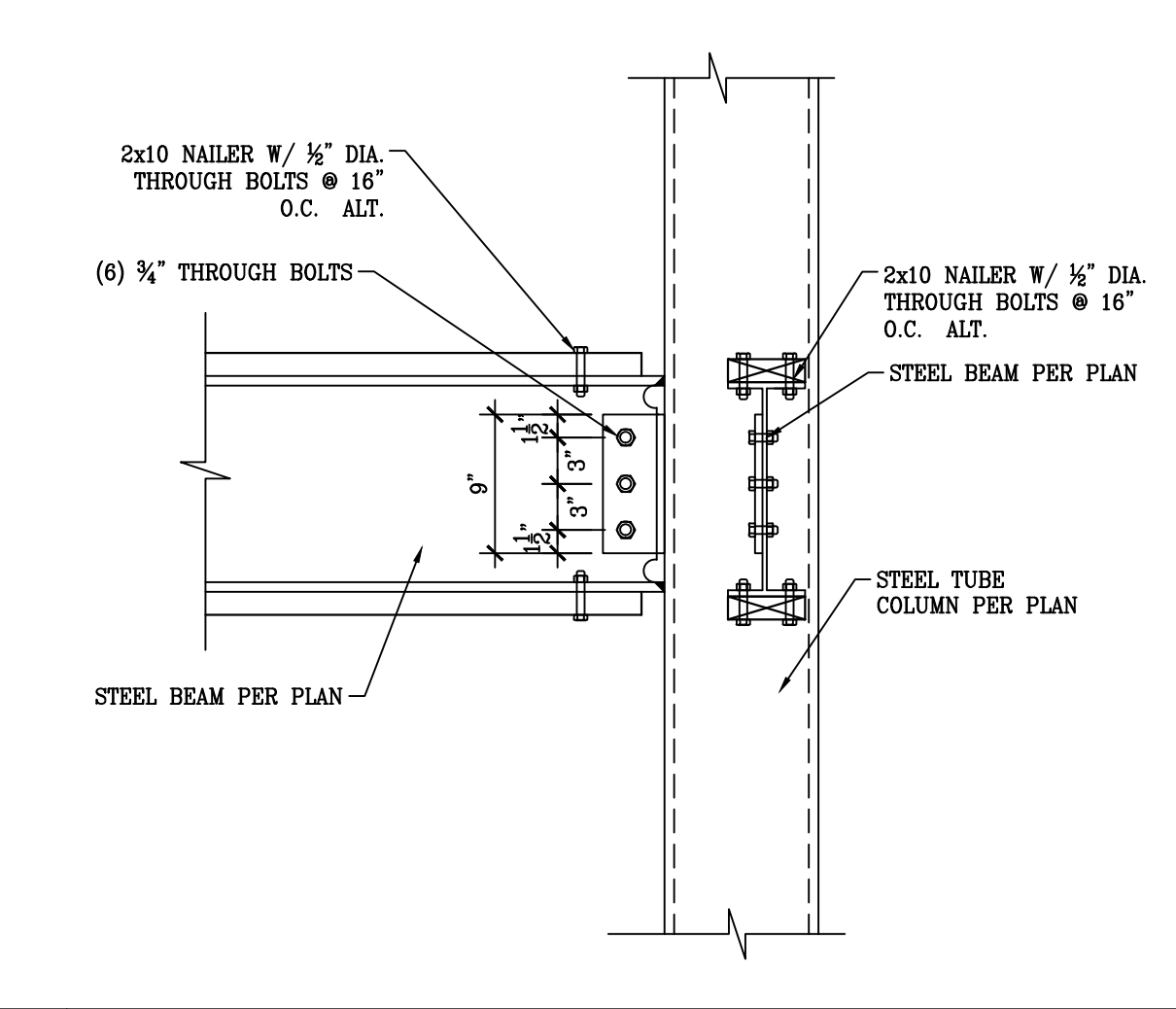
30 ROOF RAFTERS TO STEEL BEAM



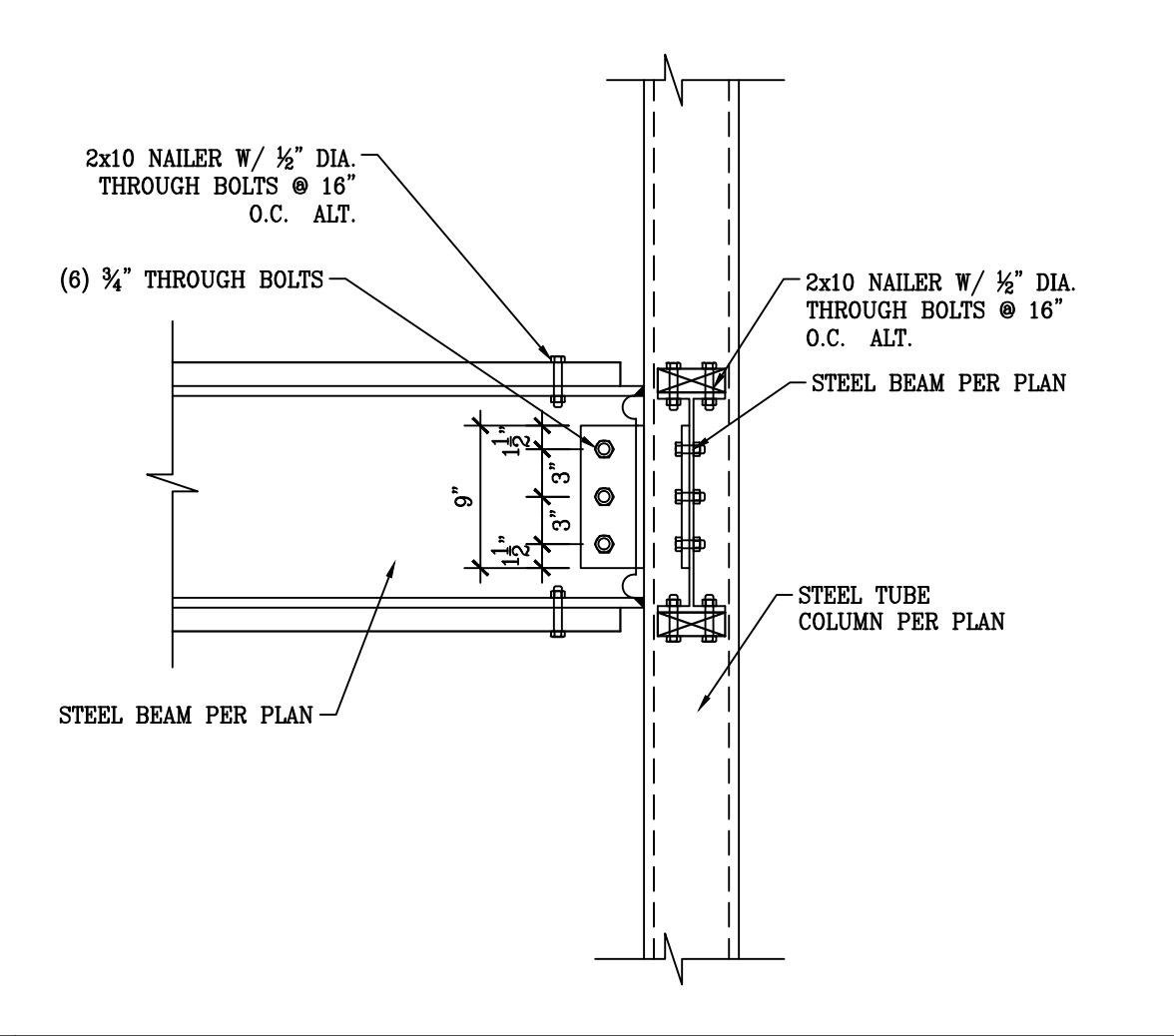
29 ROOF FRAMING TO STEEL BEAM



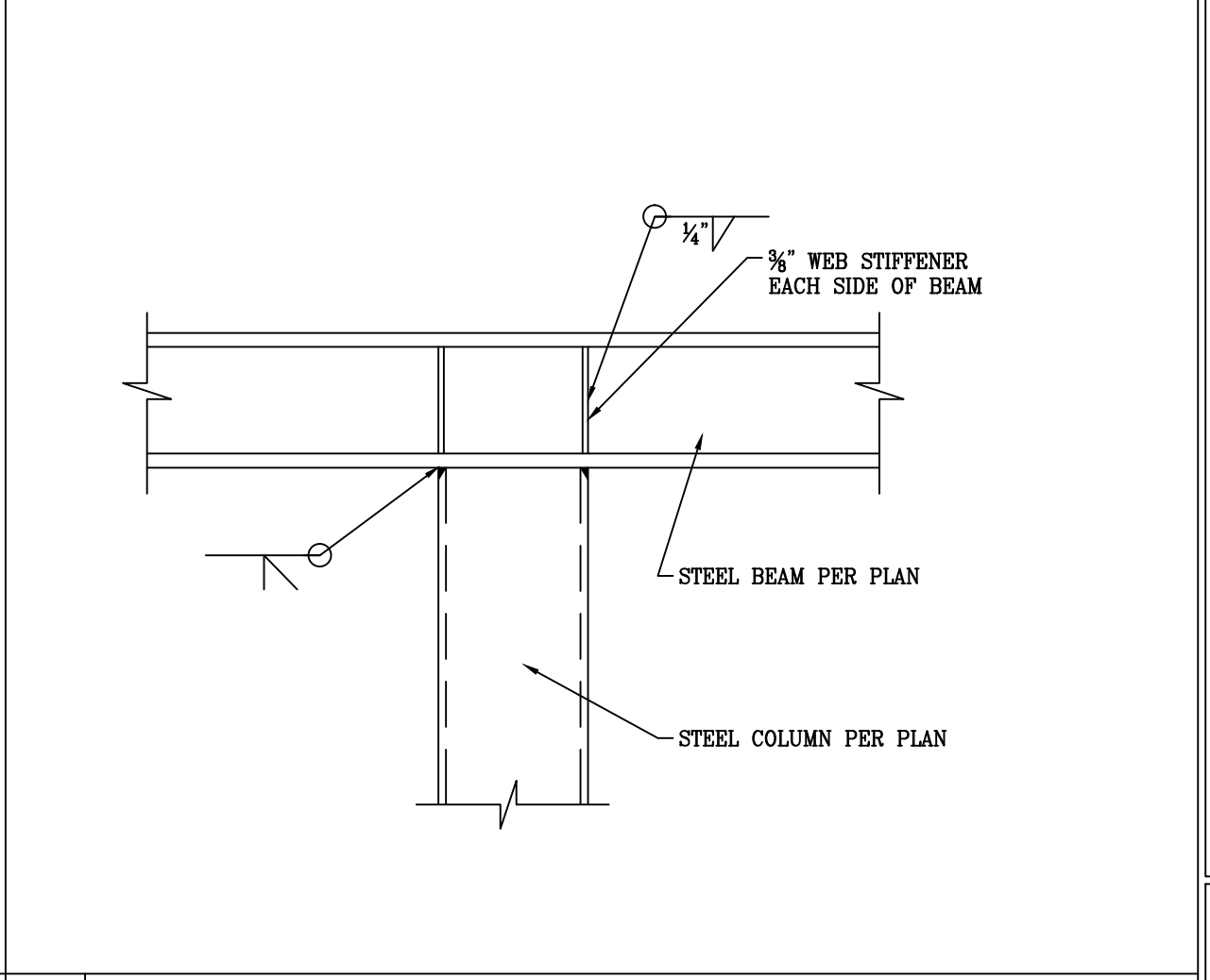
28 STEEL BEAM TO STEEL BEAM



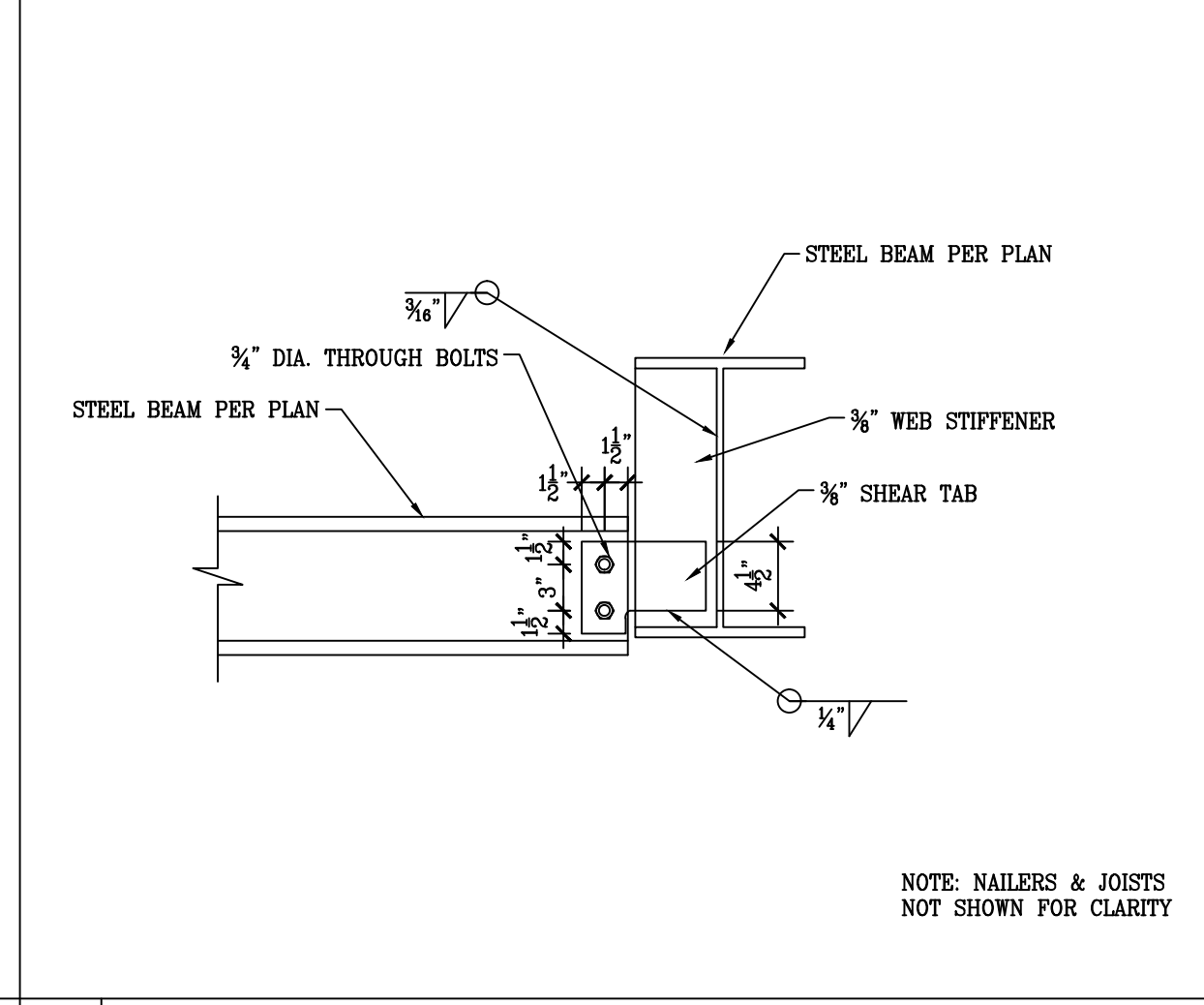
27 STEEL MOMENT CONNECTION AT TUBE COLUMN



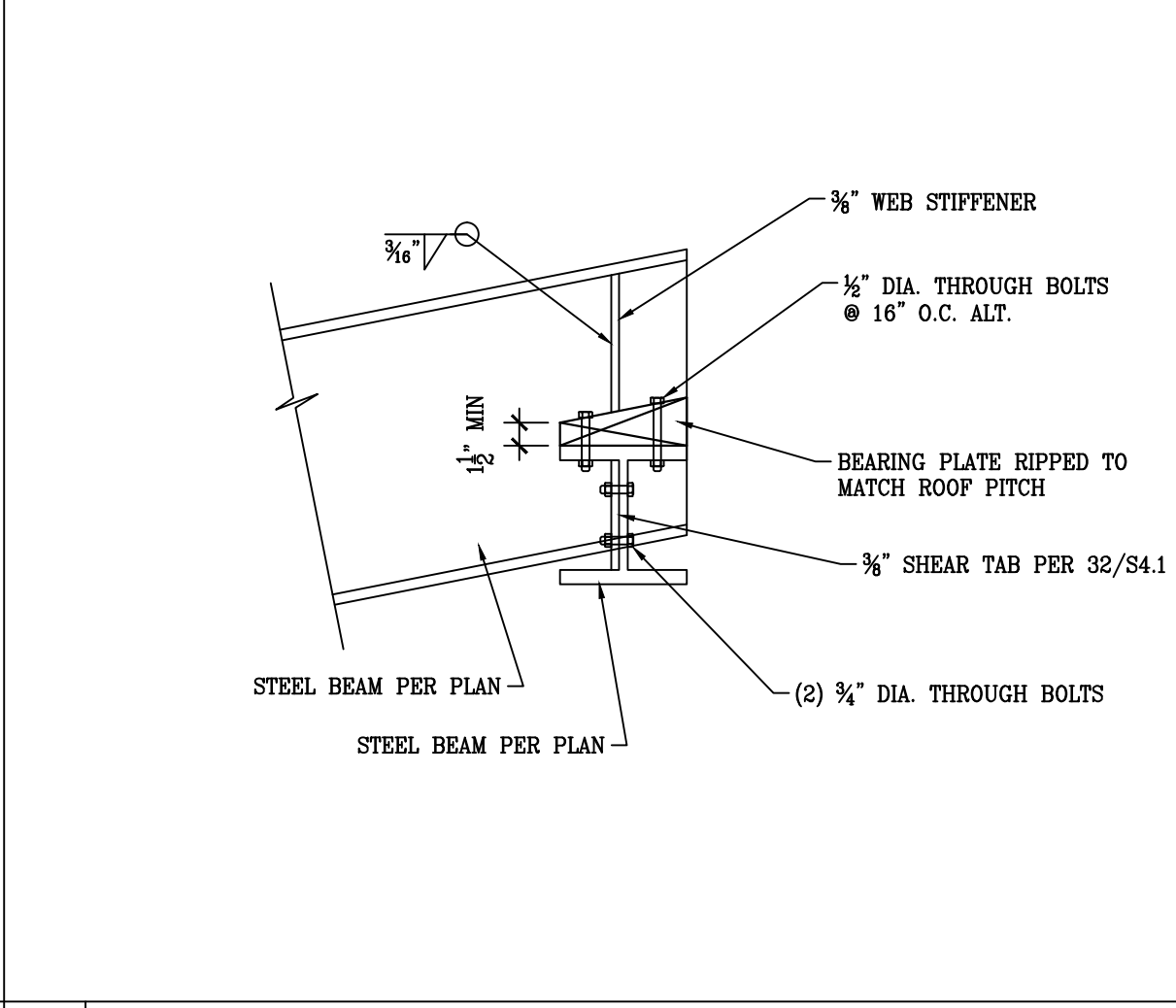
26 STEEL BEAM TO STEEL TUBE COLUMN



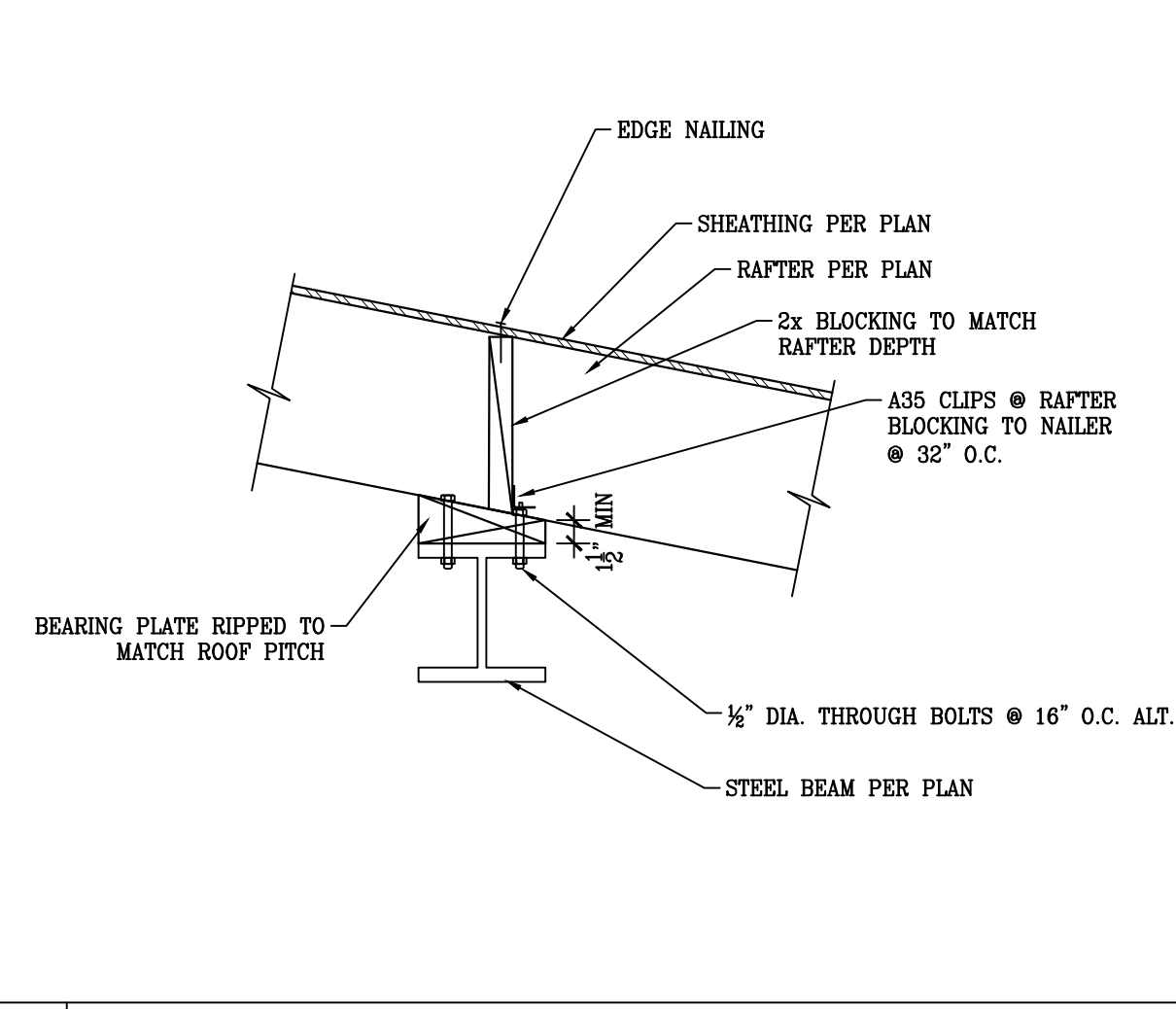
35 MOMENT CONNECTION STEEL BEAM TO TUBE COLUMN



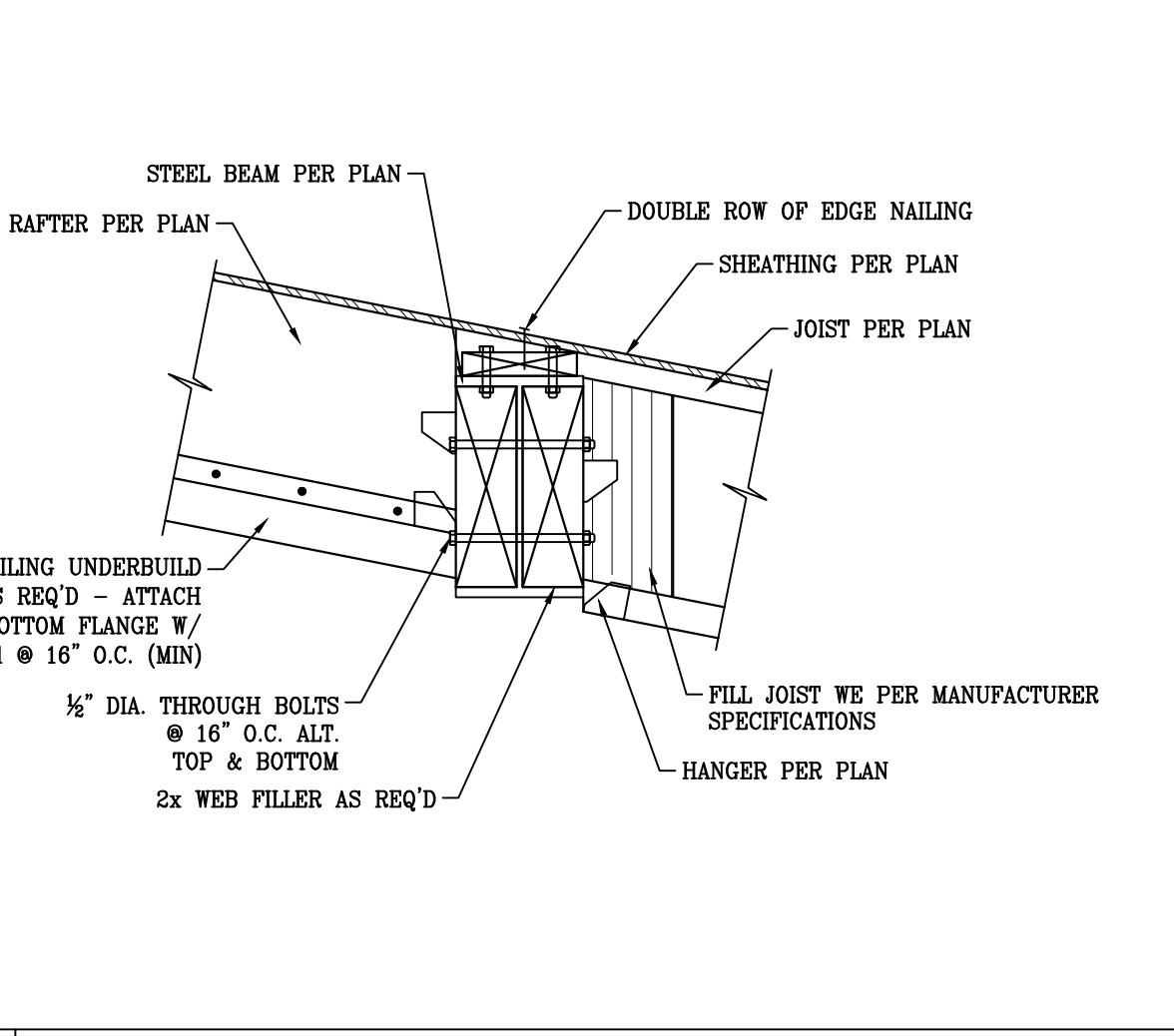
34 STEEL BEAM TO STEEL BEAM



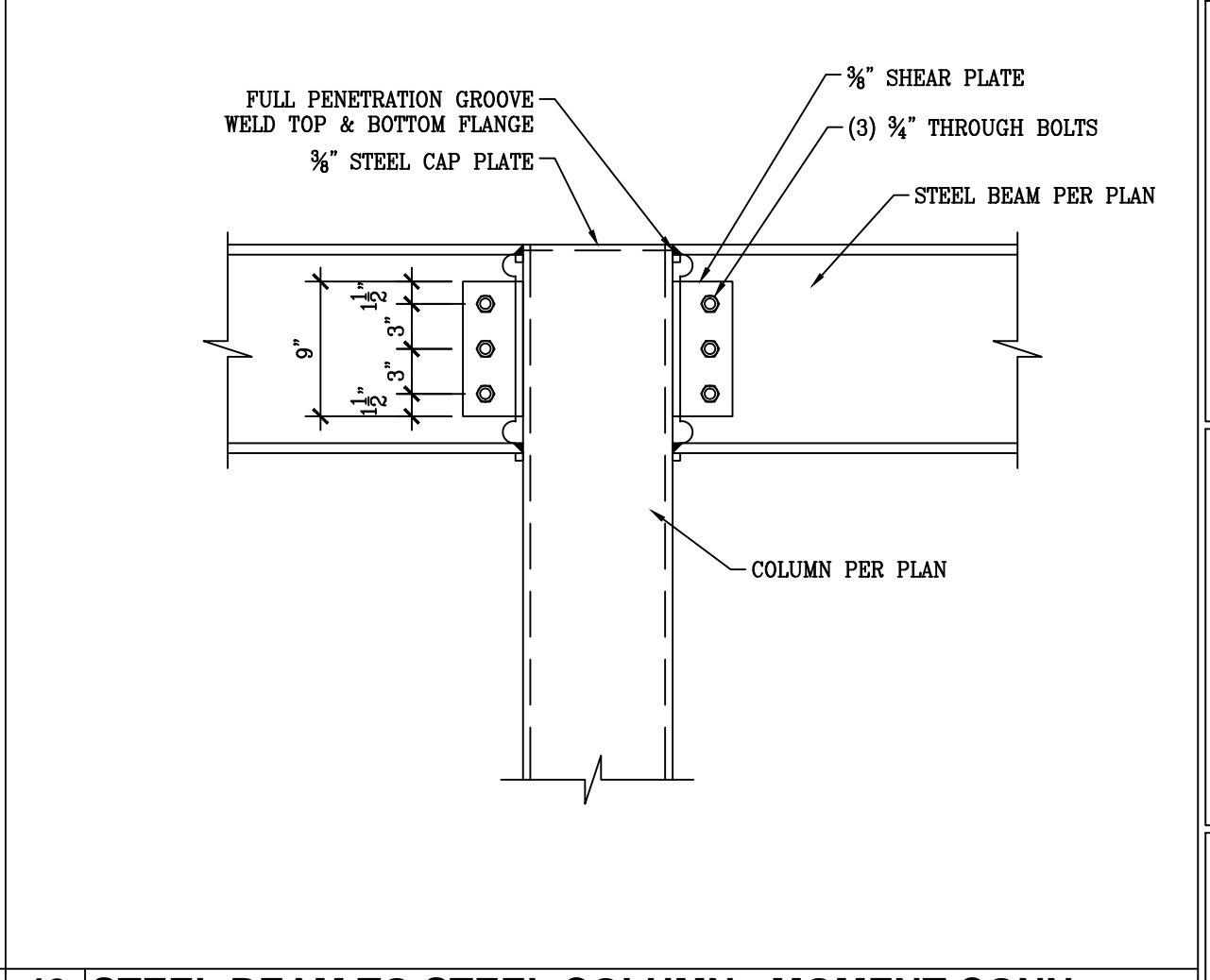
33 STEEL BEAM TO STEEL BEAM



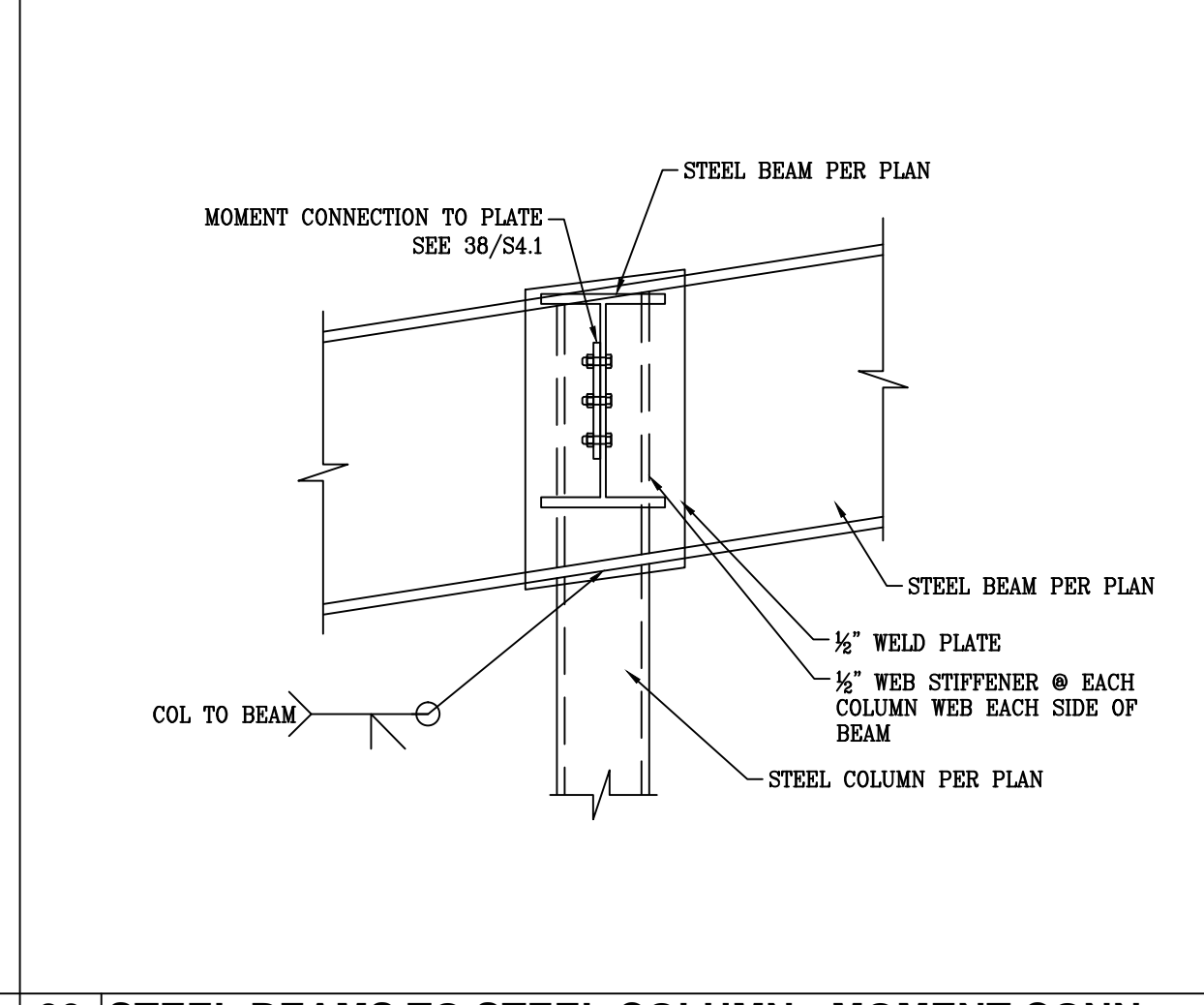
32 RAFTERS TO STEEL BEAM



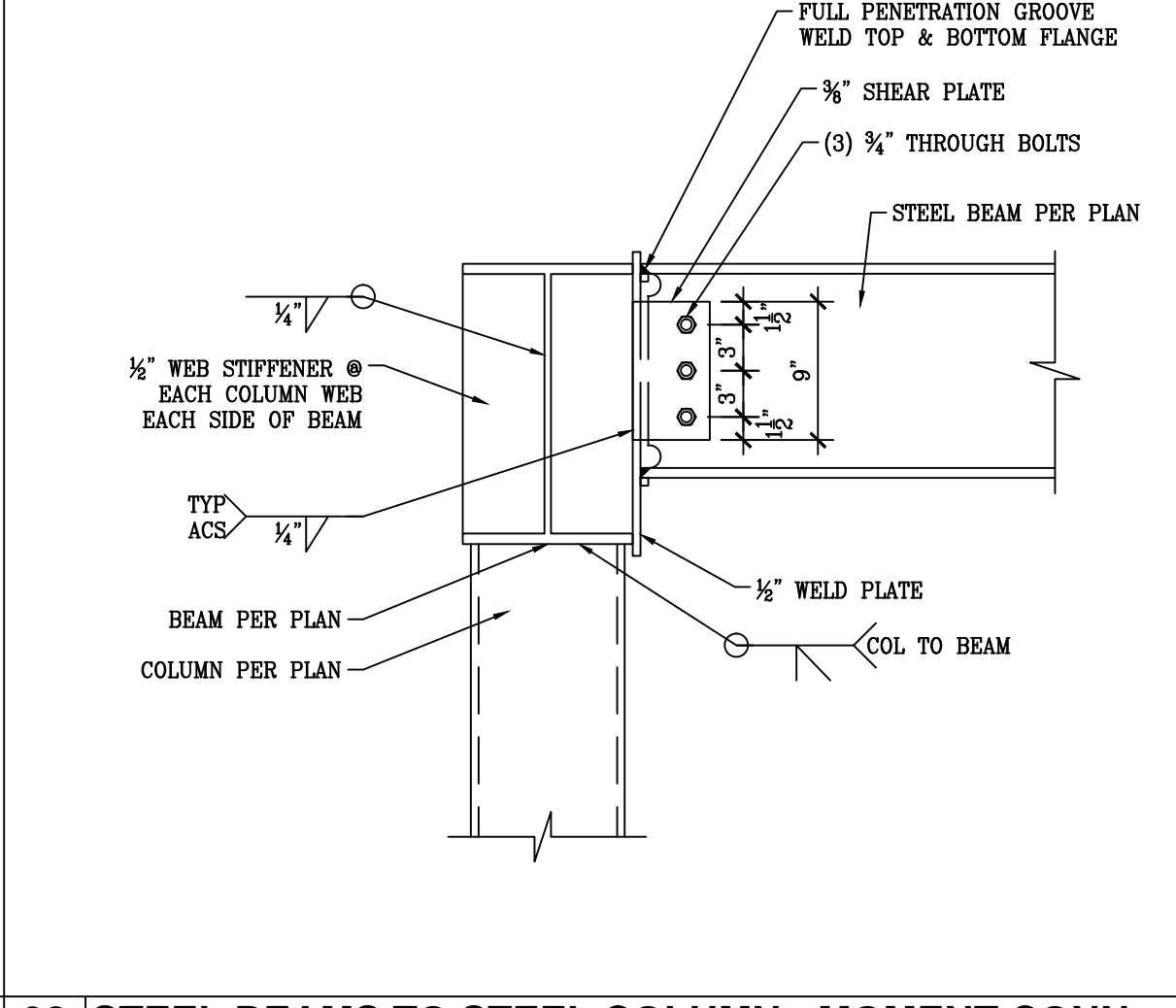
31 ROOF RAFTERS TO STEEL BEAM



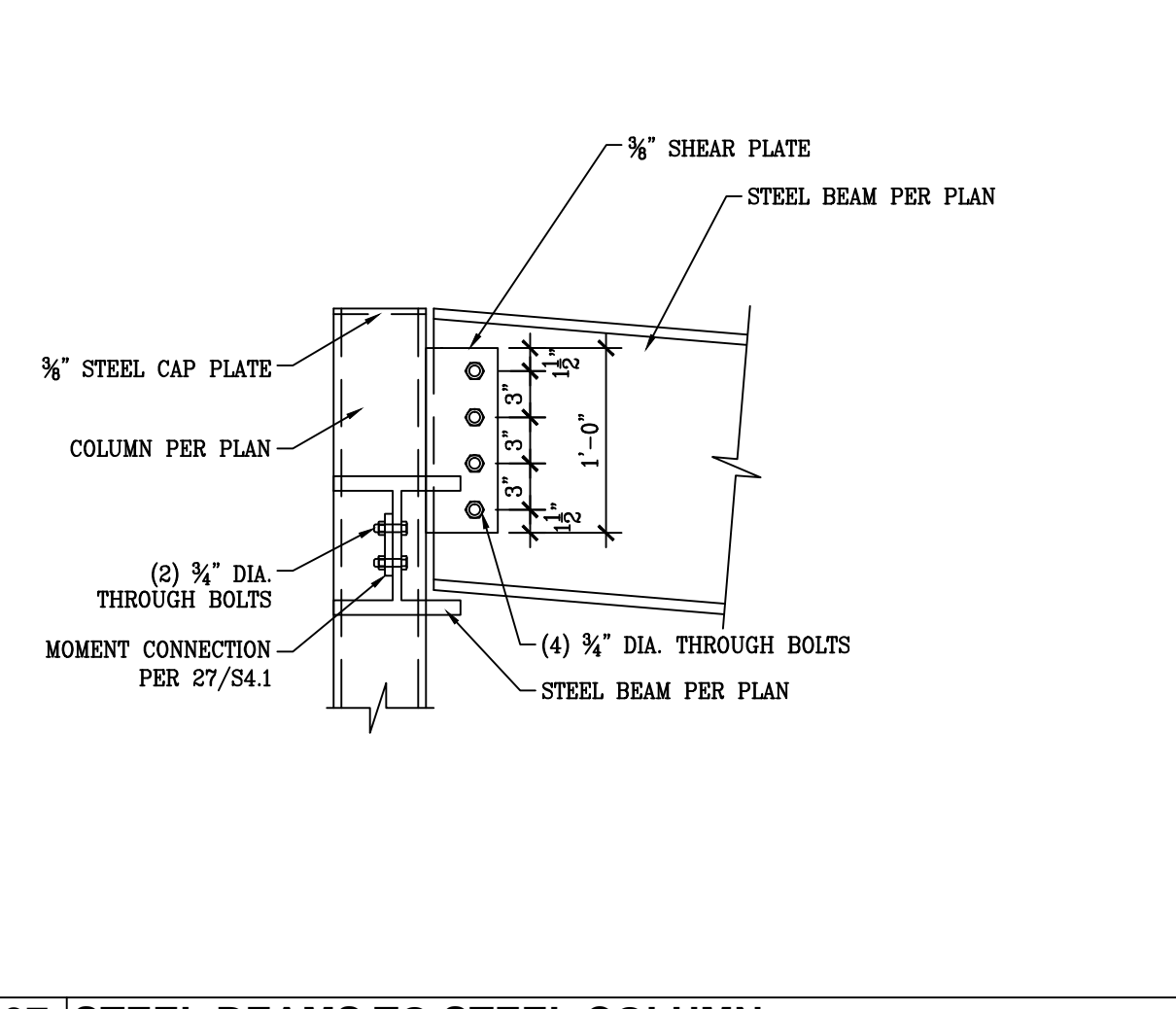
40 STEEL BEAM TO STEEL COLUMN - MOMENT CONN.



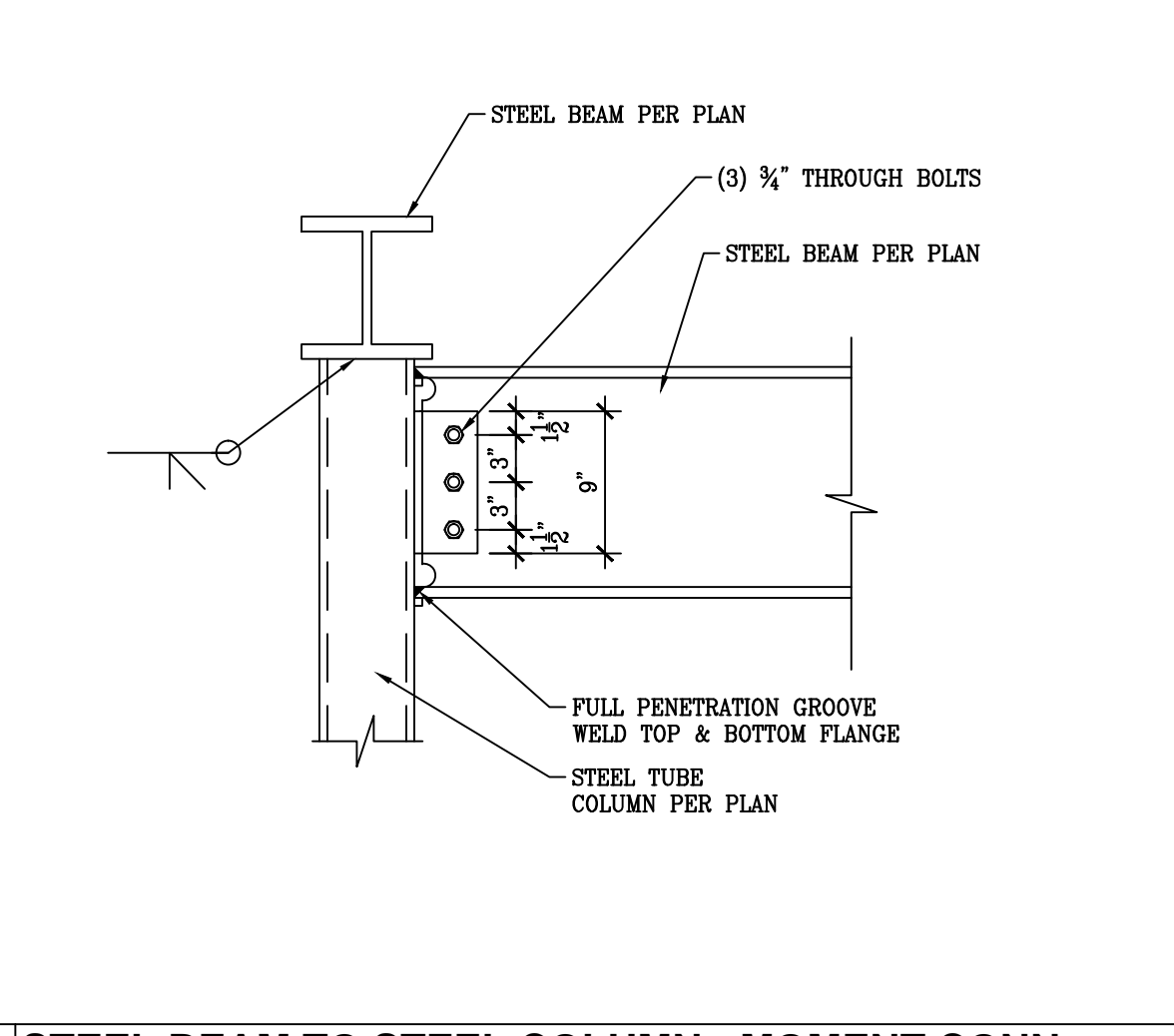
39 STEEL BEAMS TO STEEL COLUMN - MOMENT CONN.



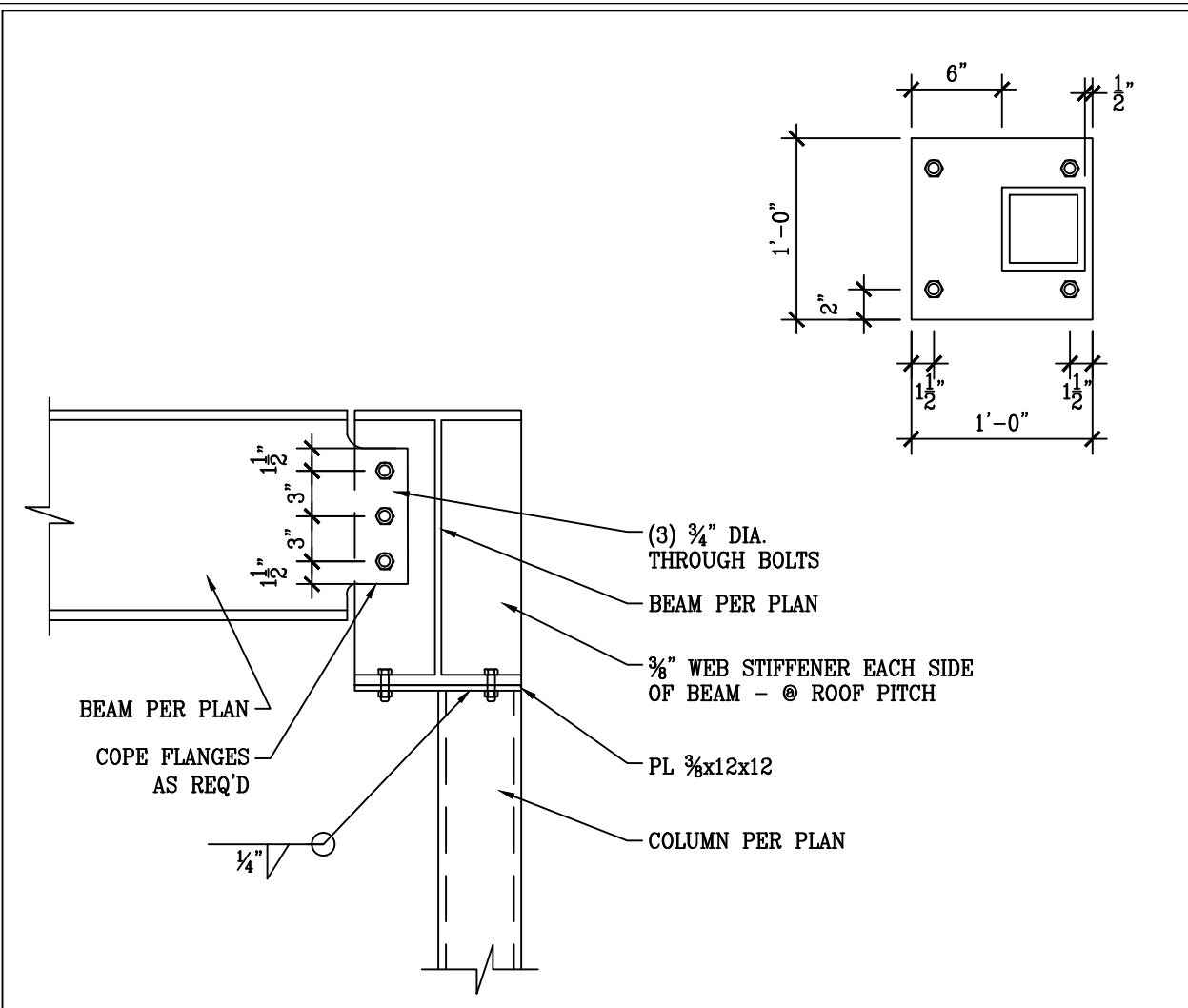
38 STEEL BEAMS TO STEEL COLUMN - MOMENT CONN.



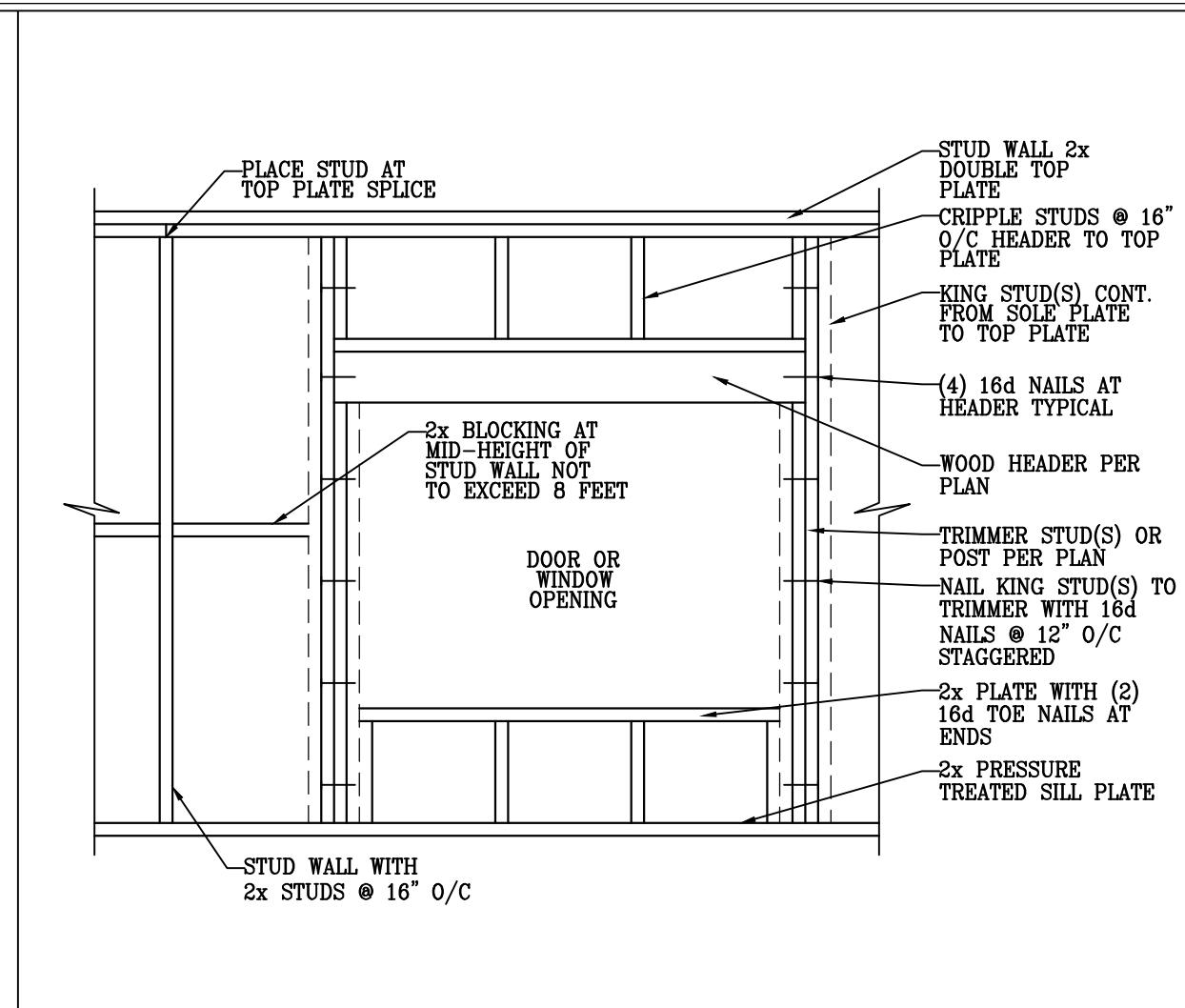
37 STEEL BEAMS TO STEEL COLUMN



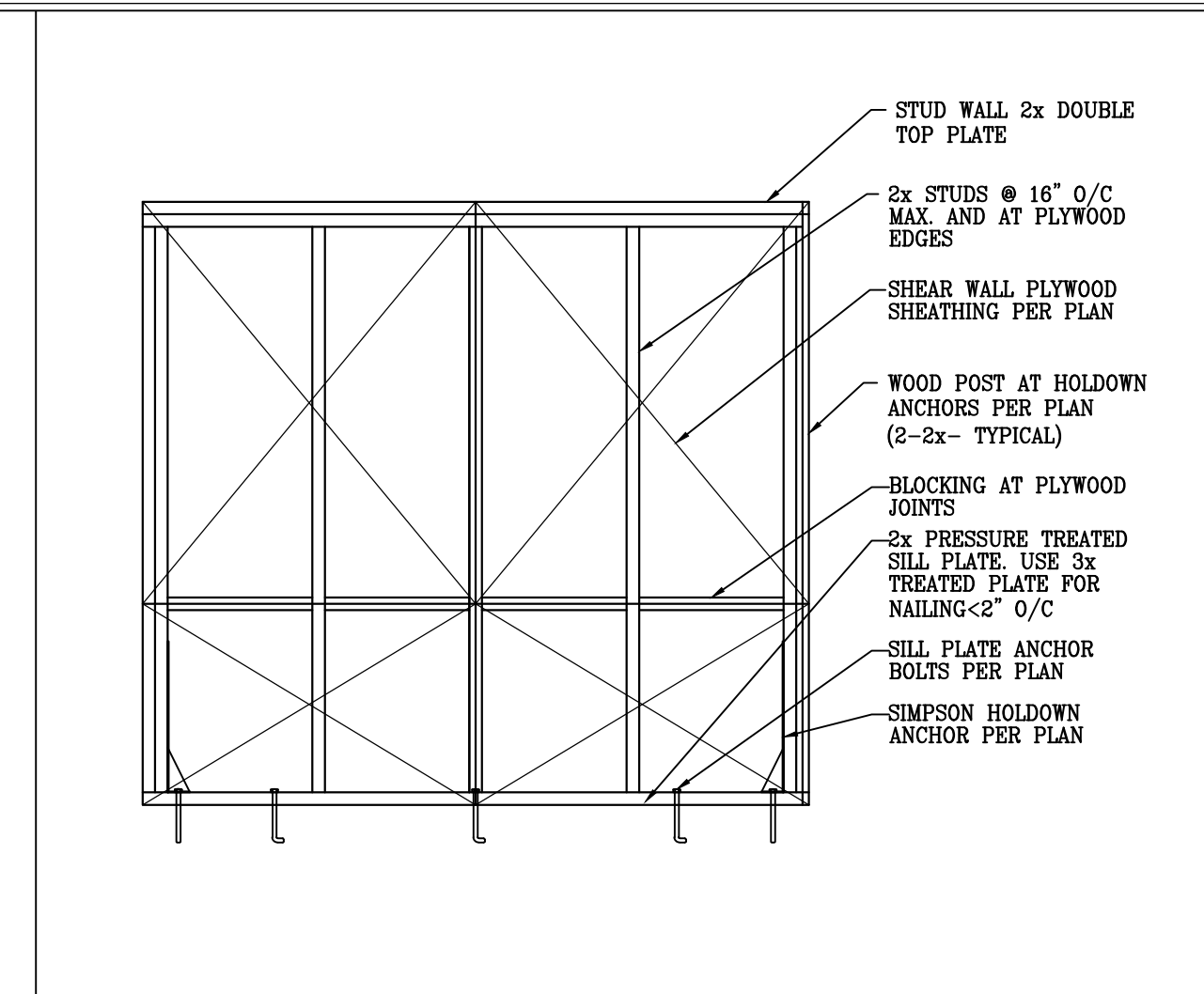
36 STEEL BEAM TO STEEL COLUMN - MOMENT CONN.



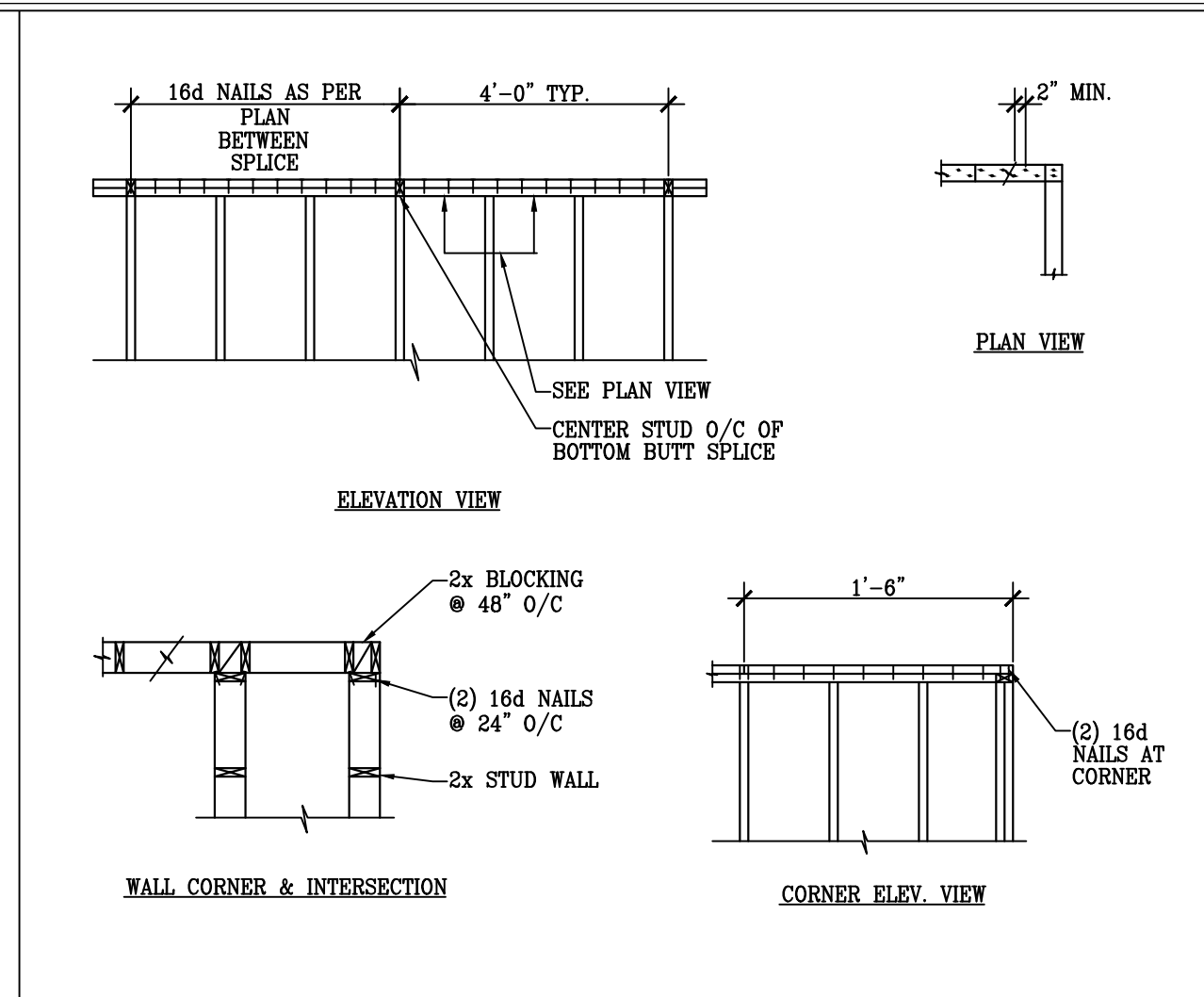
41 STEEL BEAM TO STEEL COLUMN



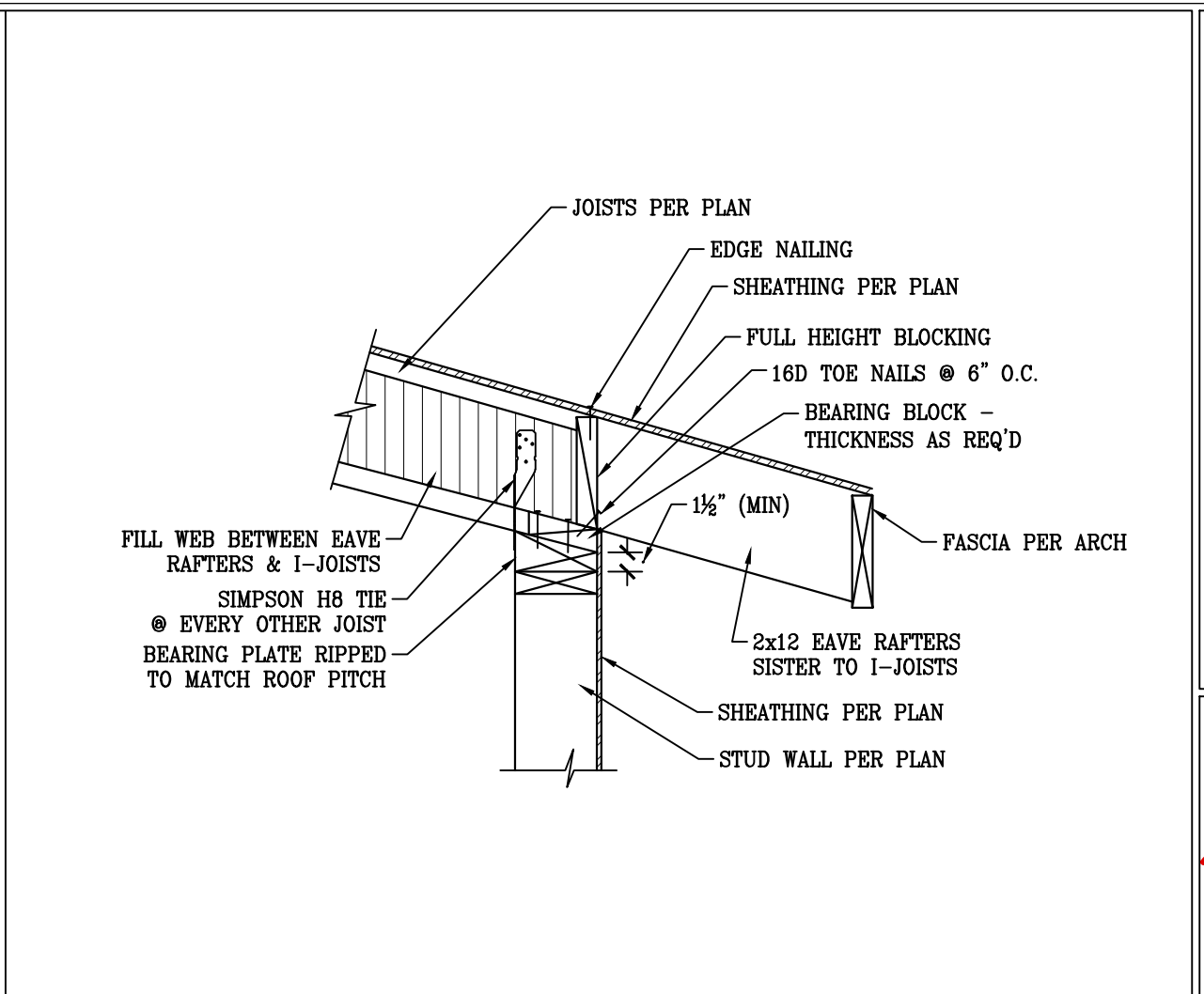
42 TYPICAL WALL FRAMING



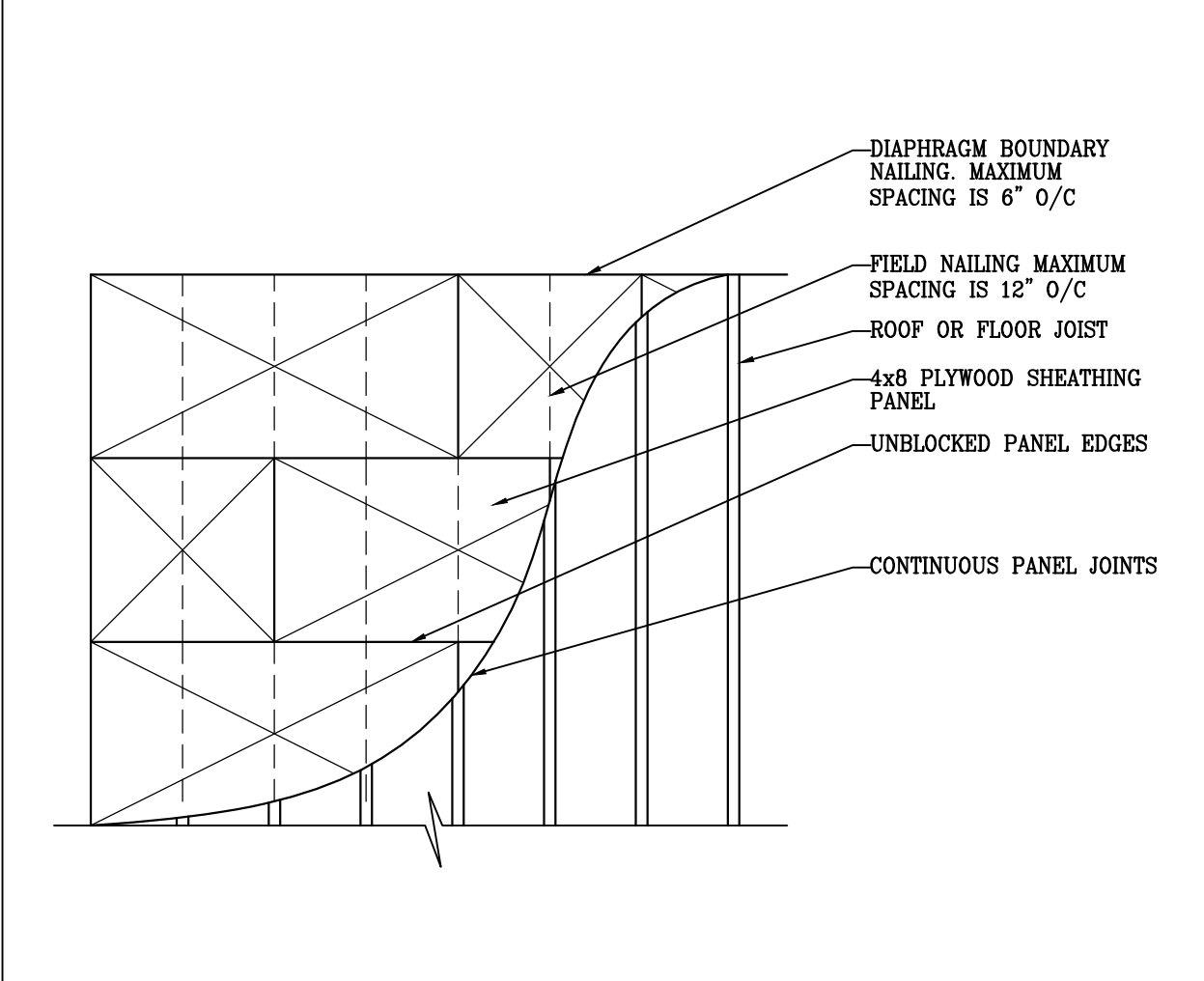
43 TYPICAL SHEAR WALL FRAMING & CONNECTION



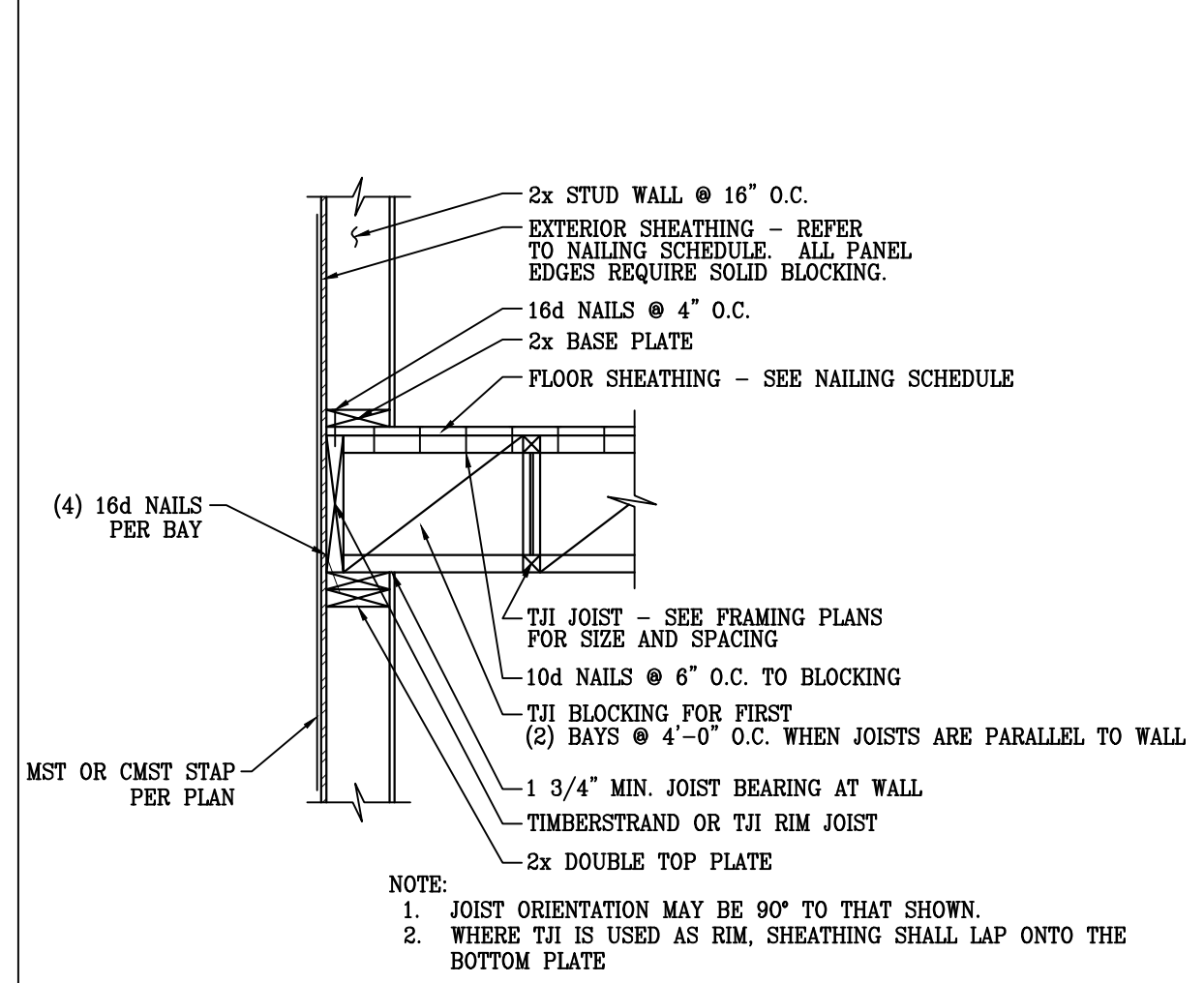
44 TYPICAL STUD WALL TOP PLATE SPLICE CONNECTION



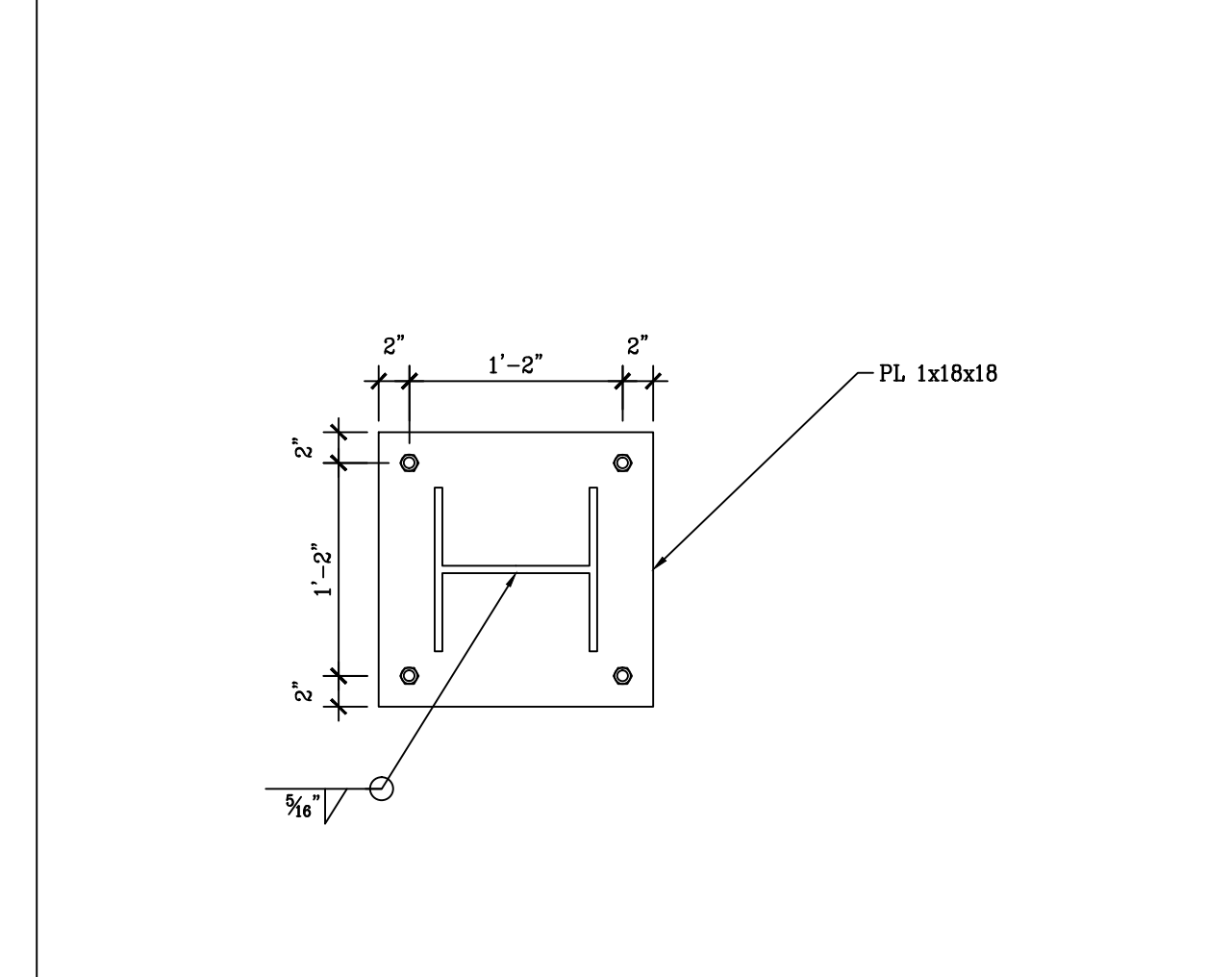
45 RAFTERS TO STUD WALL



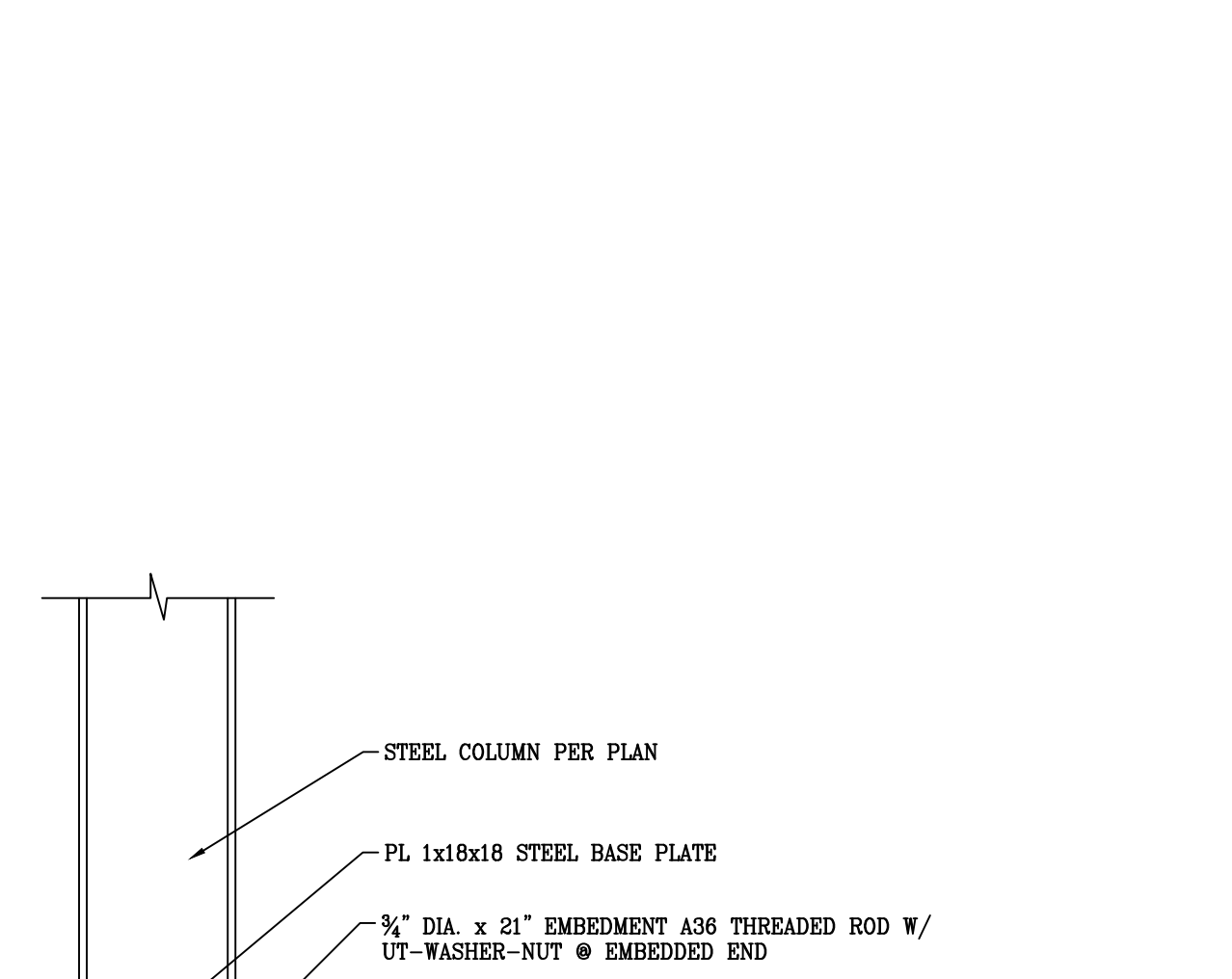
46 TYPICAL UNBLOCKED HORIZONTAL DIAPHRAGM



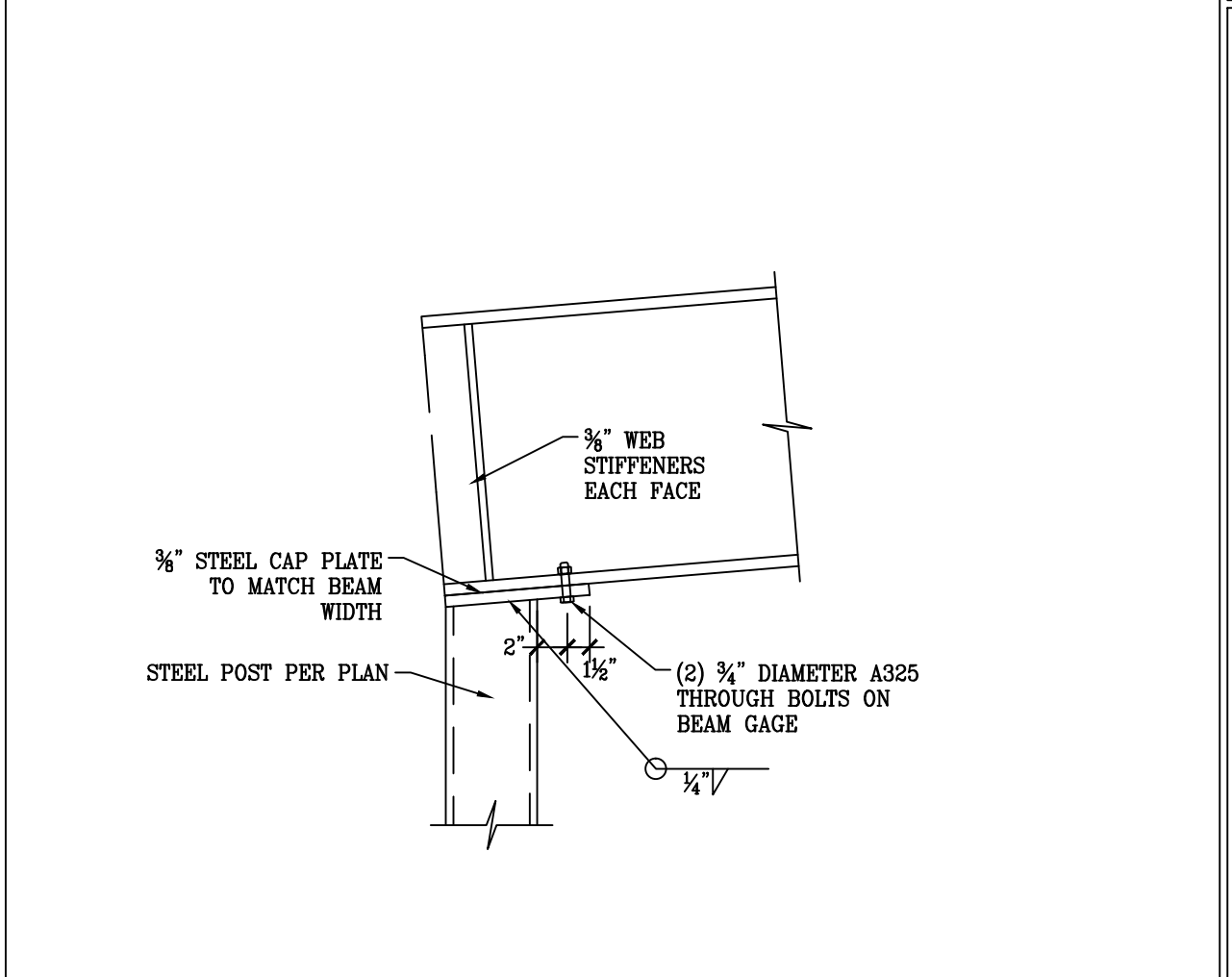
47 TYPICAL EXTERIOR BEARING WALL



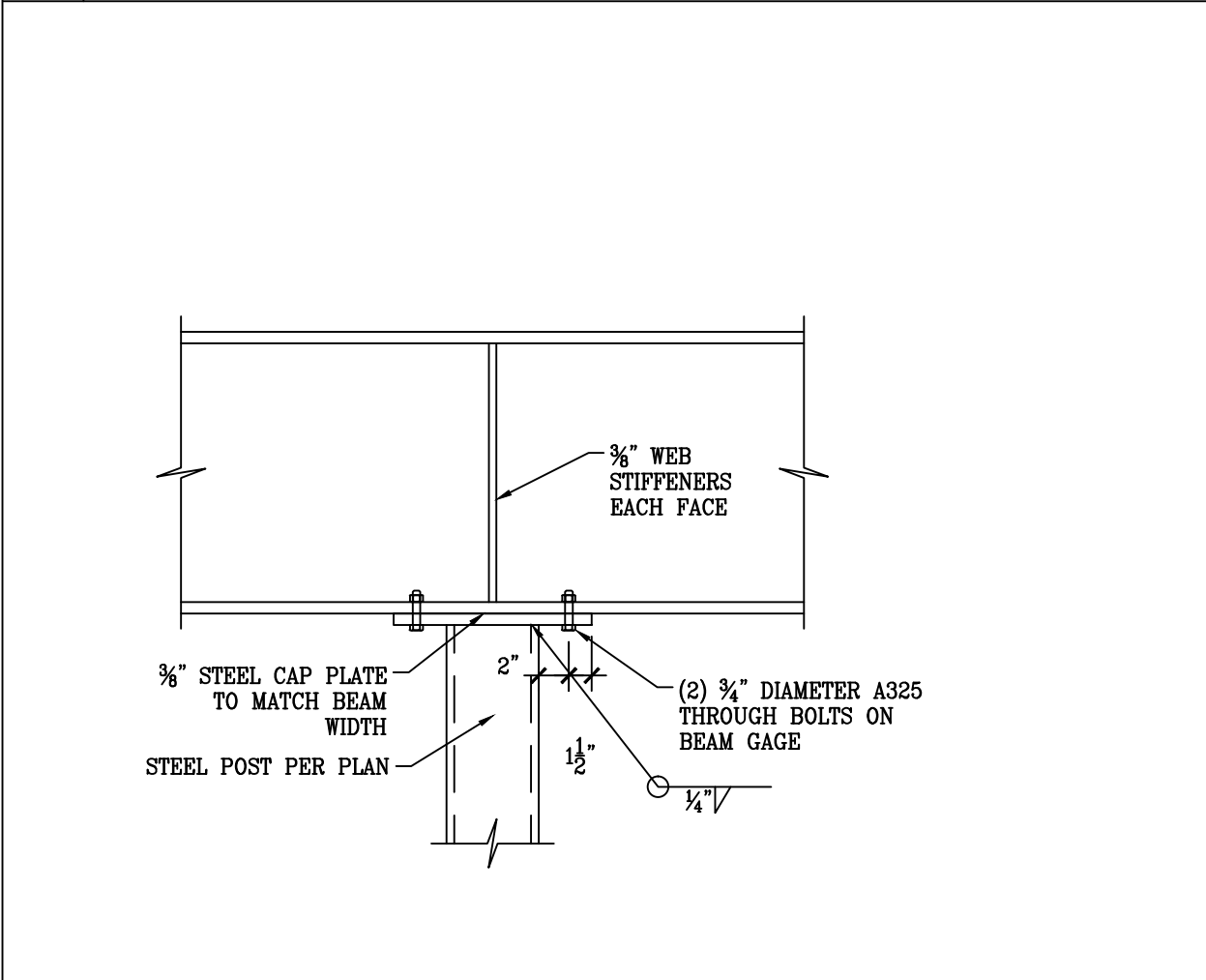
48 STEEL COLUMN TO PILASTER AT FOOTING



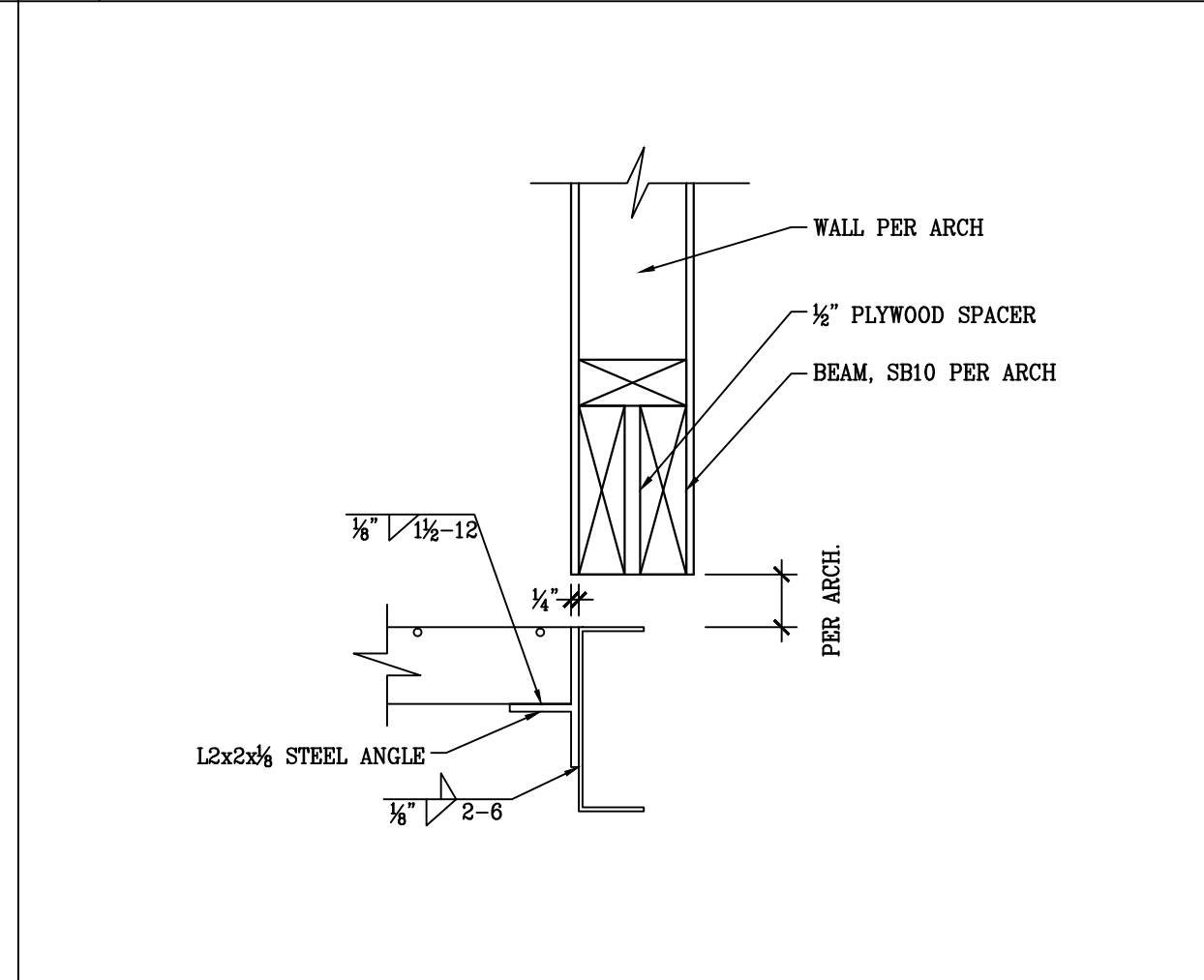
49 STEEL BEAM & POST CONNECTION



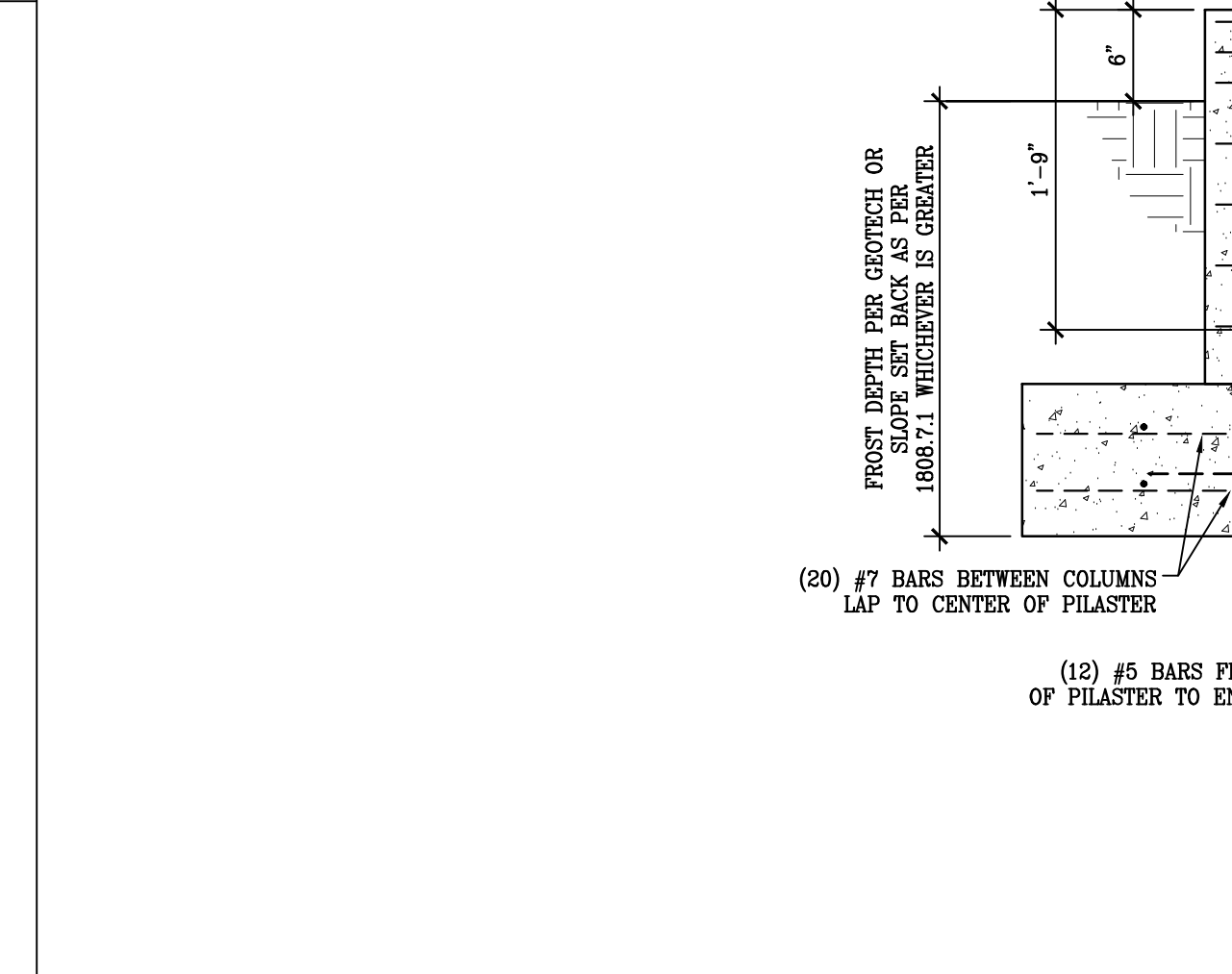
50 STEEL BEAM & POST CONNECTION



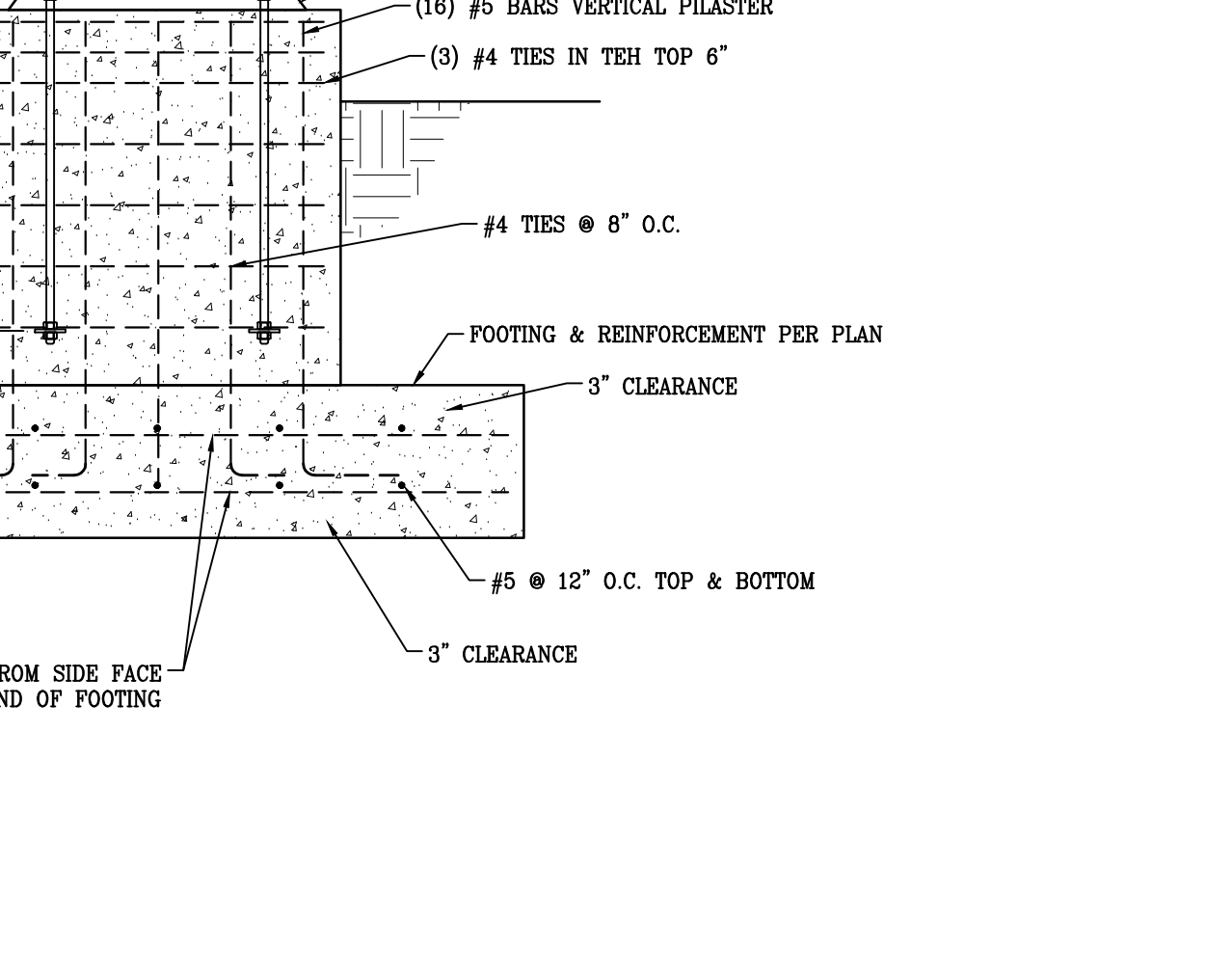
51 STEEL GRATING TO STEEL CHANNEL



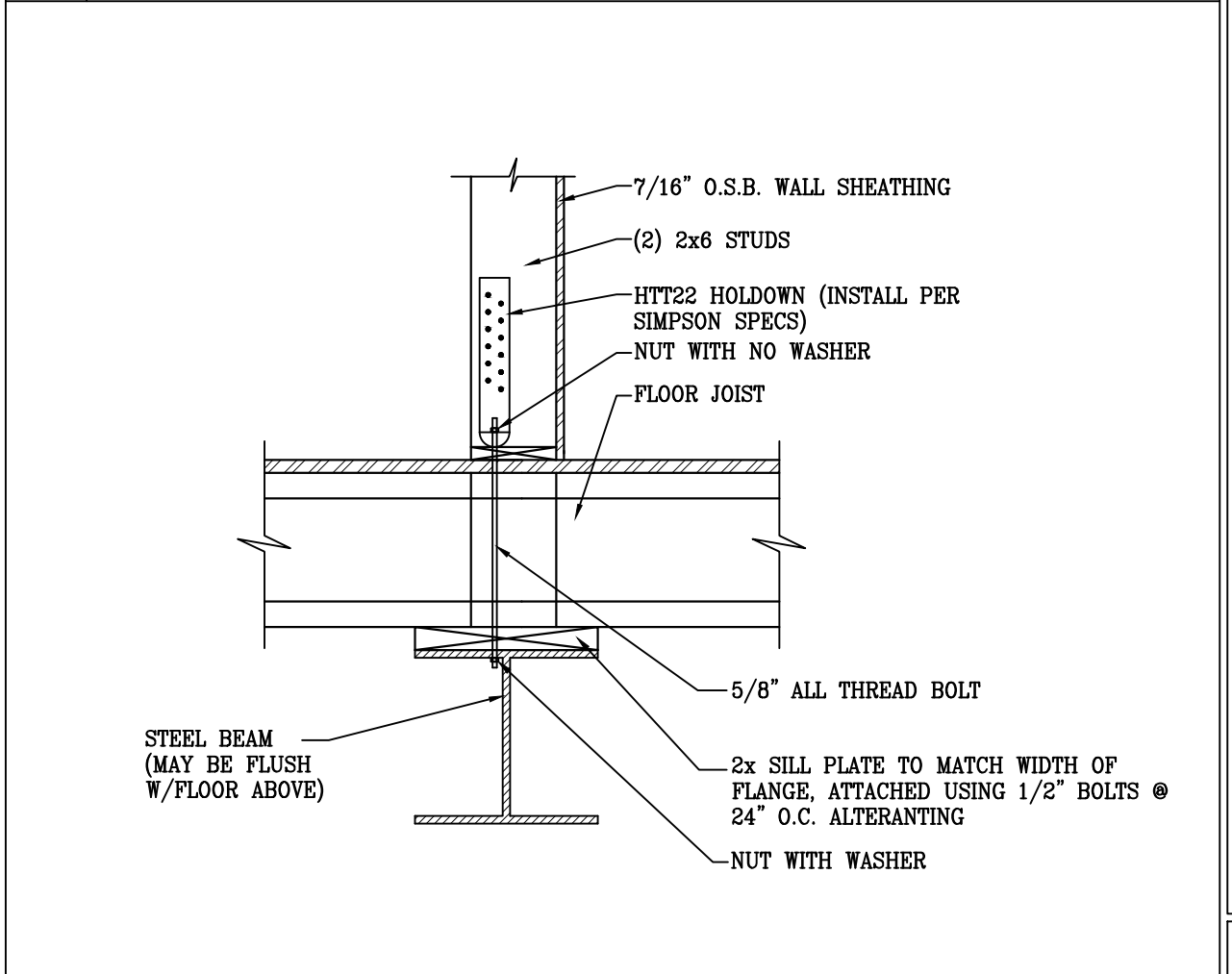
52 HOLDOWN @ STEEL BEAM



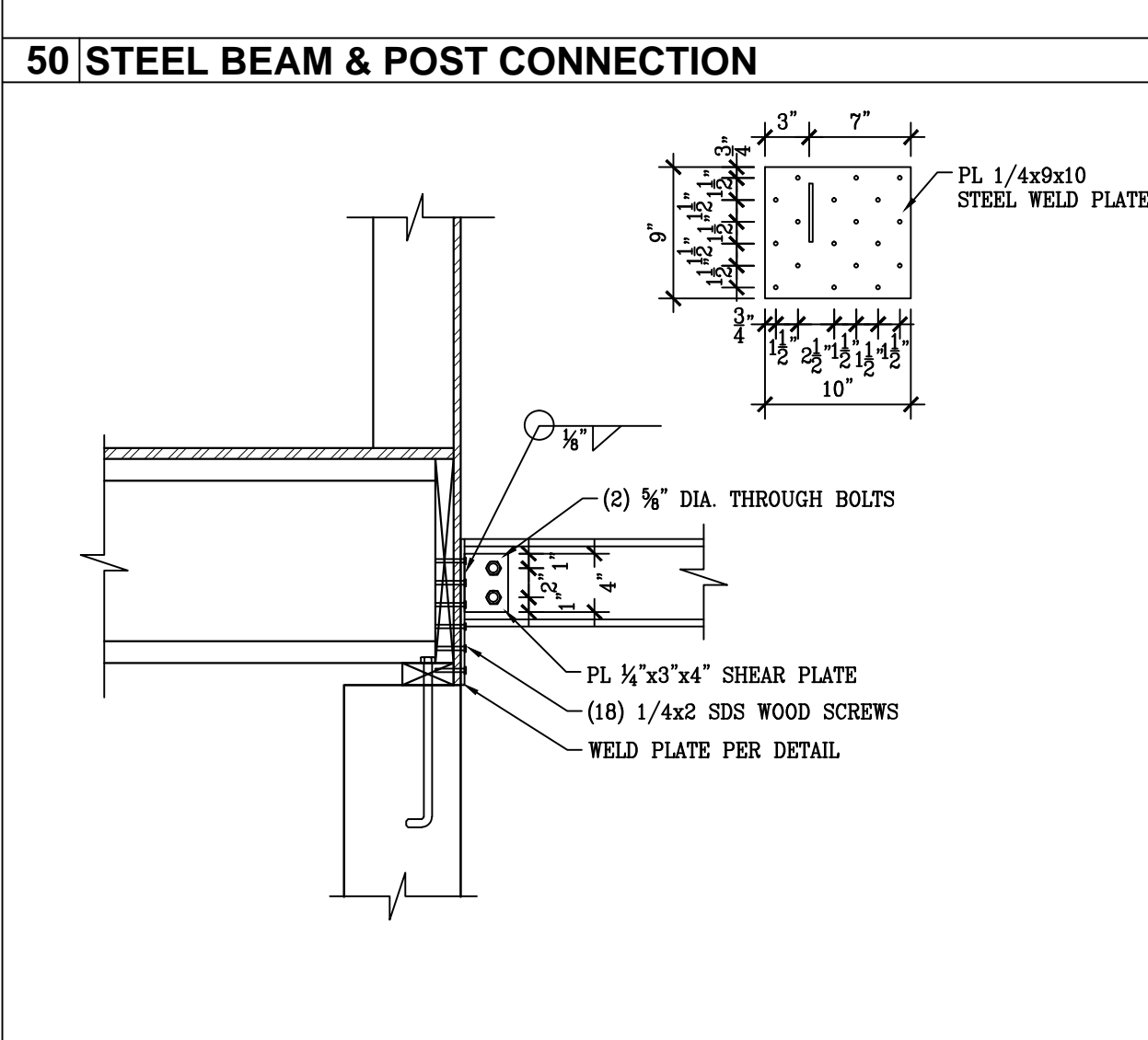
53 STEEL CHANNEL TO FLOOR FRAMING



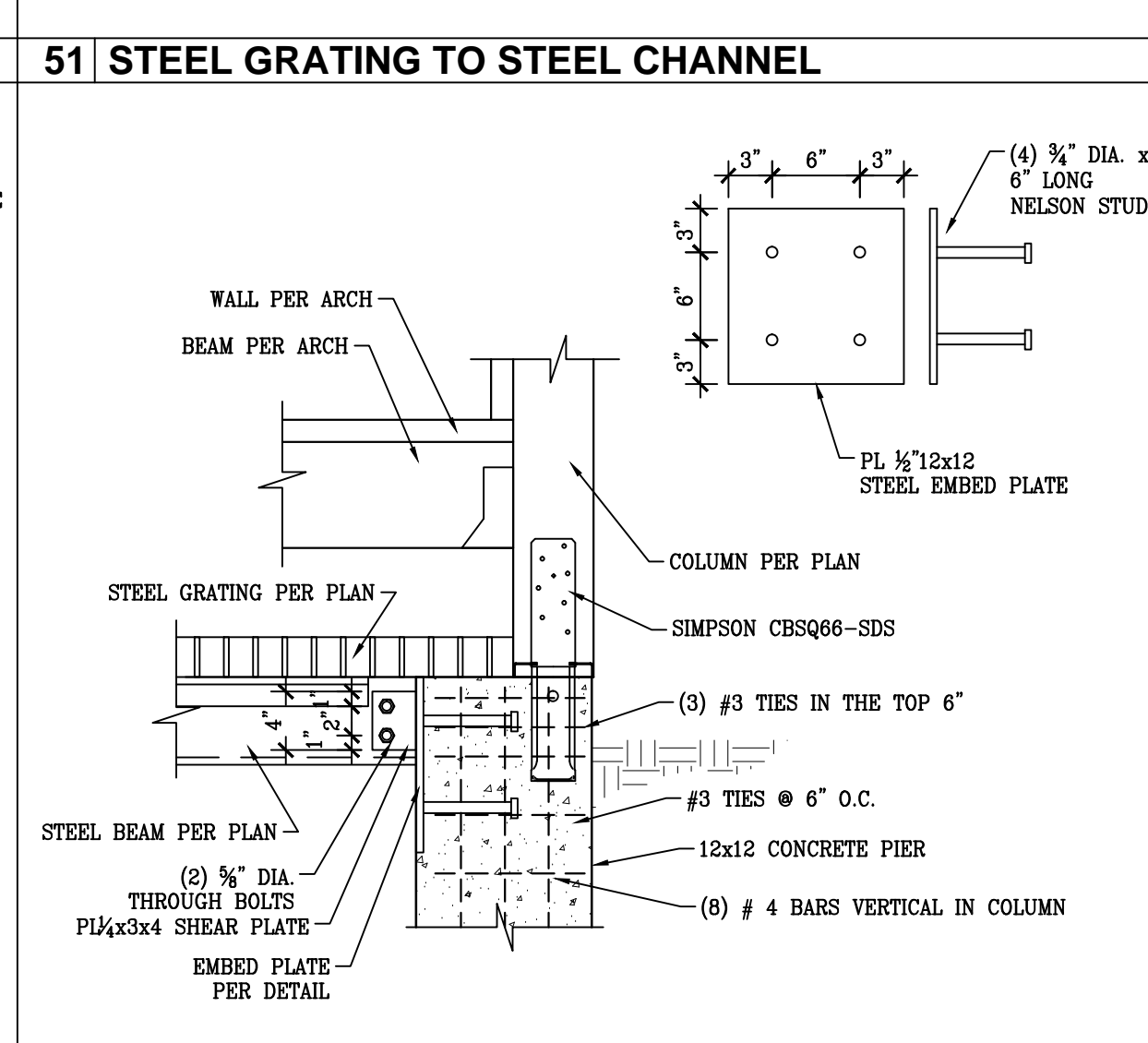
54 STEEL CHANNEL TO CONCRETE PIER



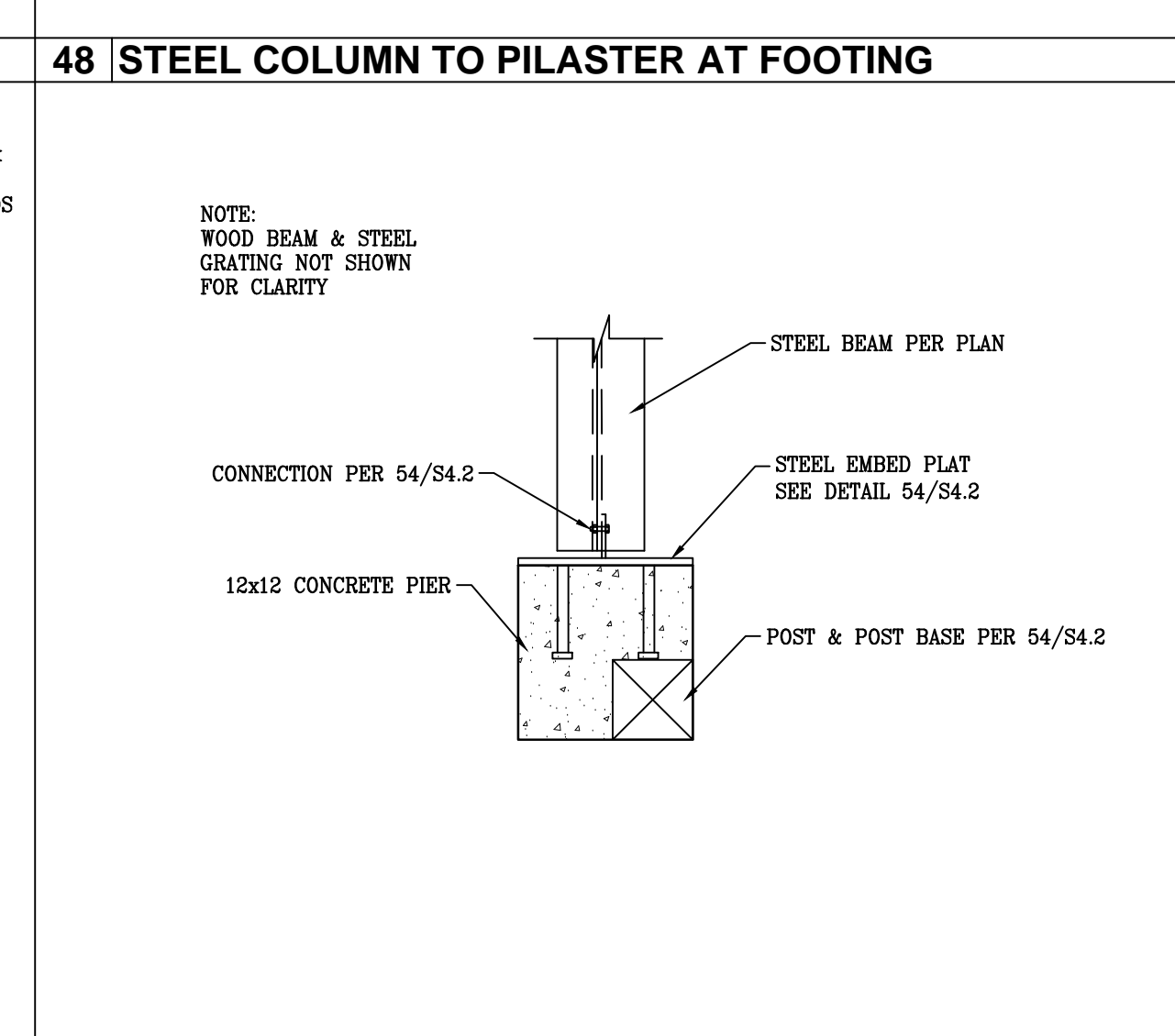
55 STEEL CHANNEL AT CONCRETE PIER - PLAN VIEW



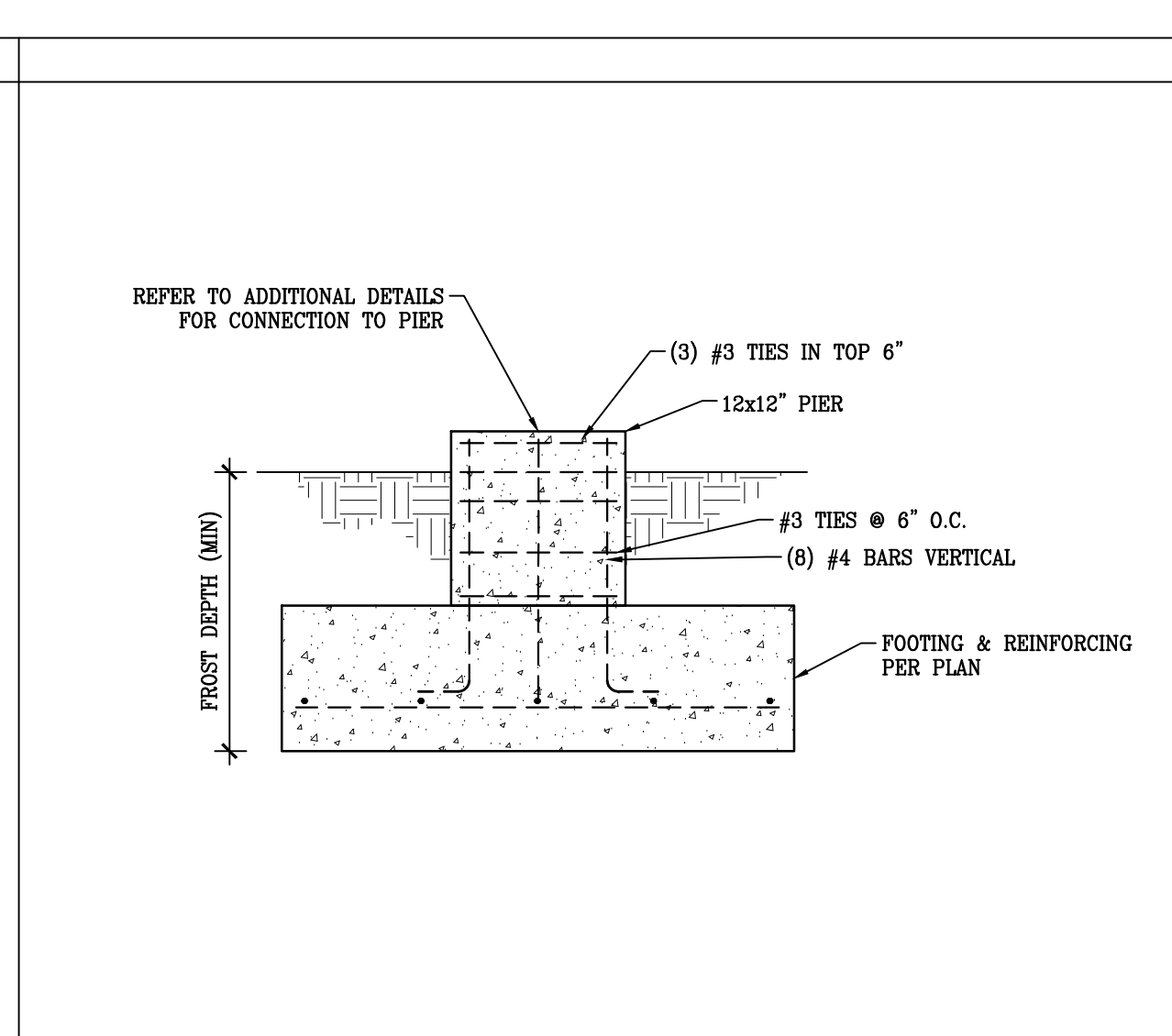
56 CONCRETE PIER TO FOOTING



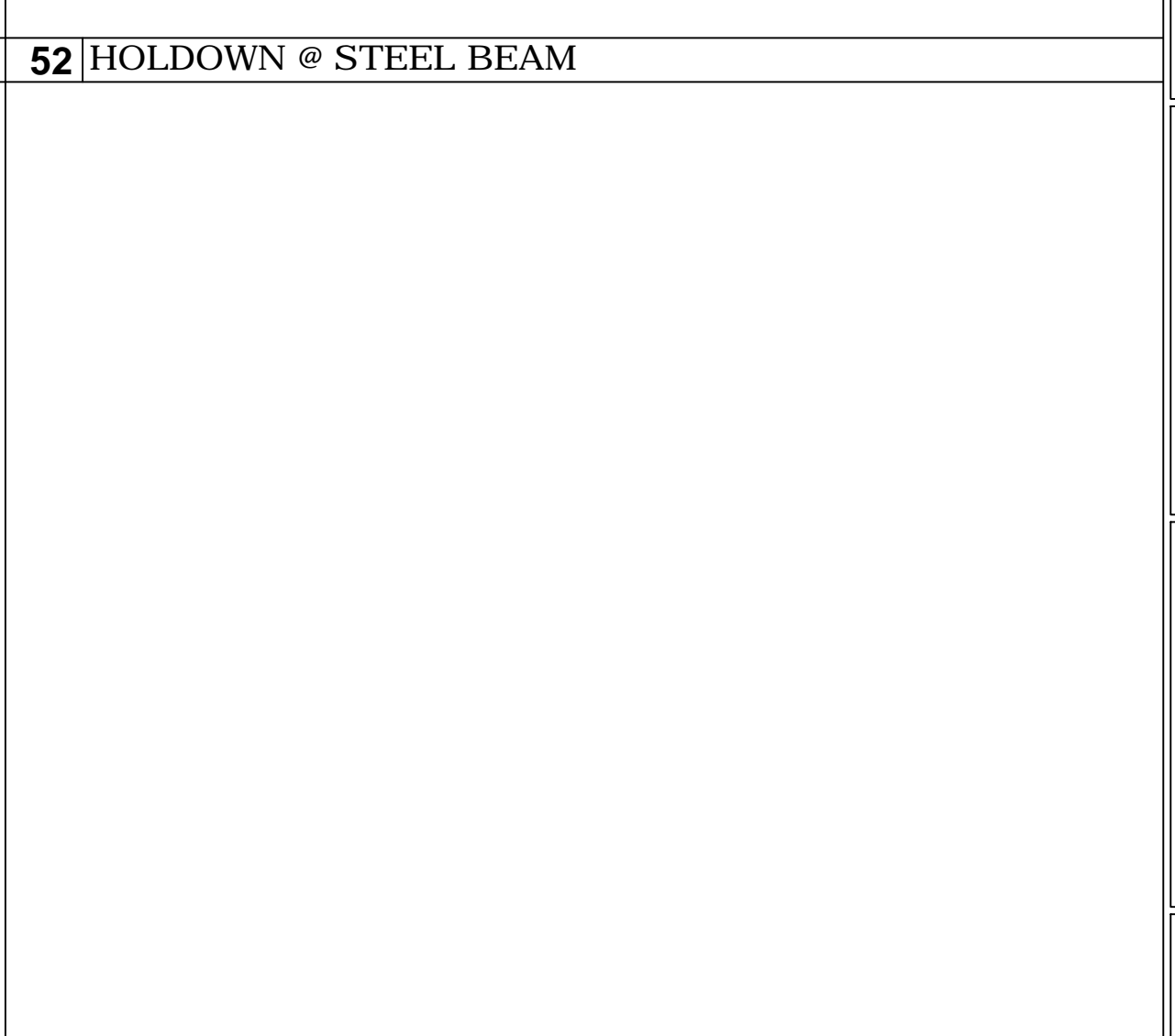
57 NOT USED



58 NOT USED



59 NOT USED



60 NOT USED

LEI
ENGINEERS
SURVEYORS
PLANNERS
3302 N. Main Street
Spanish Fork, UT 84660
Phone: 801.798.0555
office@lei-eng.com
www.lei-eng.com

JOSHUA K.S. ANDERSON
No. 4939007-2203
PROFESSIONAL ENGINEER
UTAH

STRUCTURAL ELEMENTS ONLY

RIDGE NEST
LOT #4, THE RIDGE NEST SUBDIVISION, EDEN, UTAH
STRUCTURAL DETAILS

DIMENSIONS SHOWN ON THE STRUCTURAL PLANS ARE FOR CONVENIENCE ONLY. VERIFY ALL DIMENSIONS WITH THE CURRENT ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.

REVISIONS
1 -
2 -
3 -
4 -
5 -
6 -

LEI PROJECT #: 2014-1476
DRAWN BY: AKM
CHECKED BY: EBM
SCALE: NTS
DATE: 8/20/2014
SHEET

S4.2