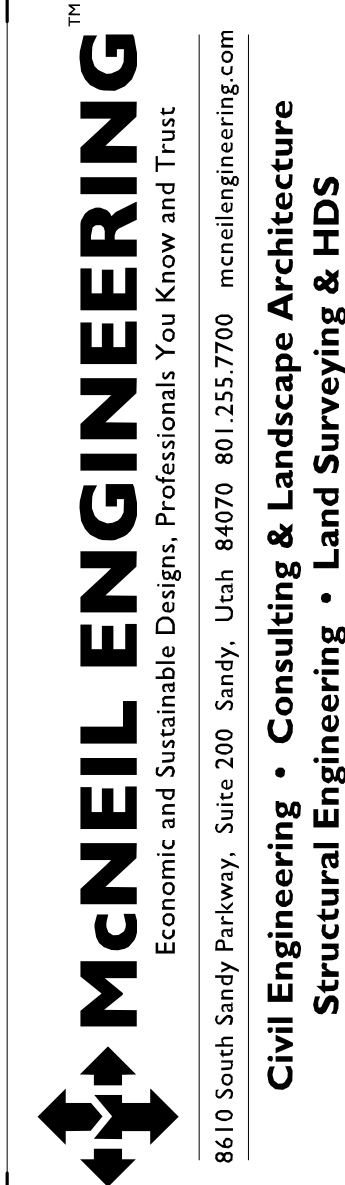


BOUNTIFUL 7 & 15 RE-ROOF & SEISMIC UPGRADE

1250 SOUTH MAIN STREET
BOUNTIFUL, UTAH
5115876-19010101

MARCH 2019

S:\2017Files\17675\Consulting\Prod Dwg\17675 - Bountiful 7, 15 Model.rvt



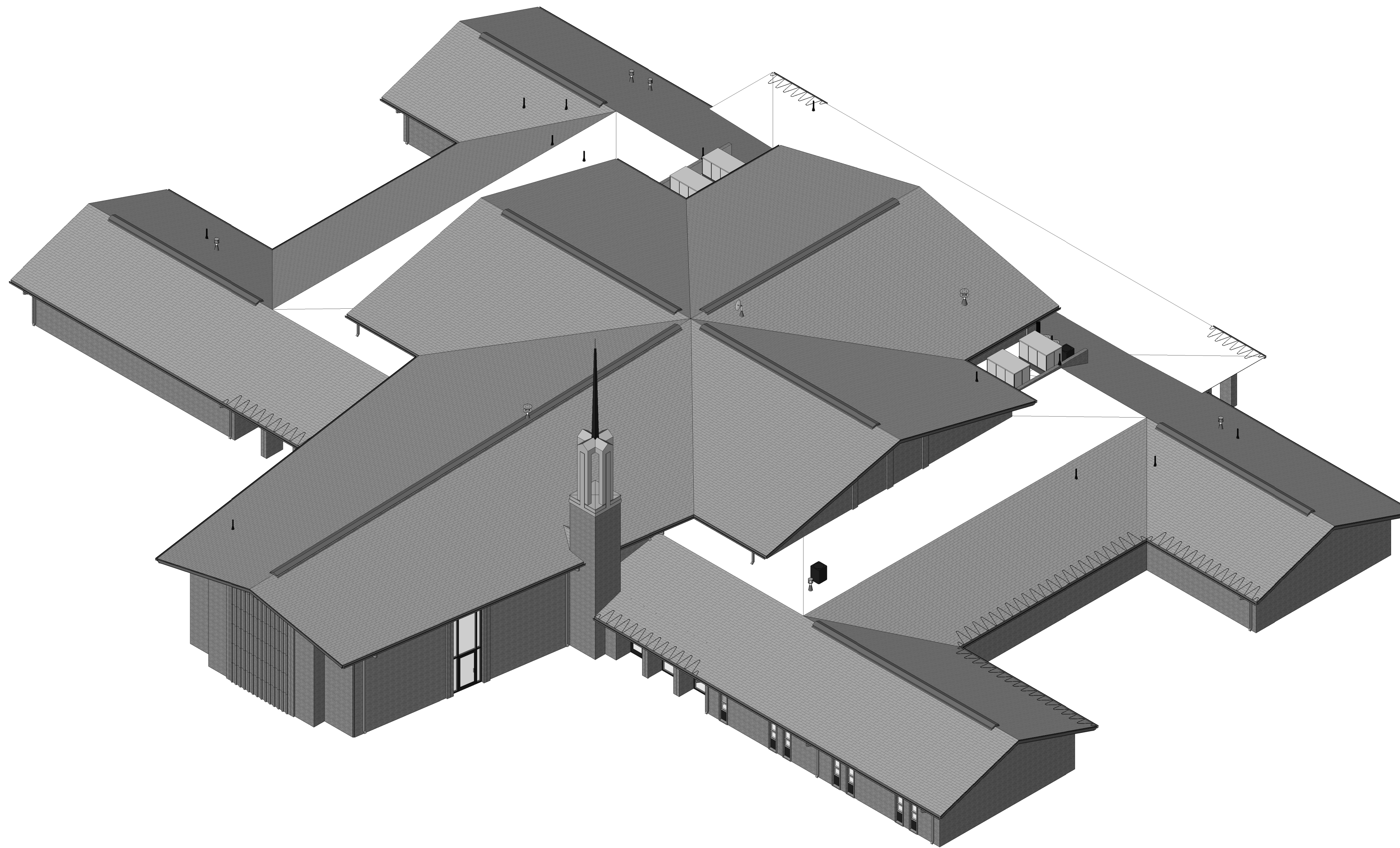
BOUNTIFUL 7 & 15
The church of Jesus Christ of Latter-Day Saints
BOUNTIFUL UTAH SOUTH STAKE
1250 SOUTH MAIN STREET
BOUNTIFUL, UTAH

REVISIONS	
DATE	DESCRIPTION

PROJECT NO.	17675
DRAWN BY	DTS
CHECKED BY	CEG
DATE	MARCH 2019
PROP. NO.	511-5876

COVER SHEET

G1.00



GENERAL NOTES:

1. CONTRACTOR MUST VISIT THE SITE SO AS TO BE FAMILIAR WITH ALL EXISTING CONDITIONS BEFORE SUBMITTING BID. BRING ANY QUESTIONS OR CONCERNS TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION. FOR ADDENDUM PRIOR TO BID OPENING. NO ALLOWANCES WILL BE MADE FOR CONDITIONS THAT ARE CLEARLY VISIBLE.
2. CONTRACTOR SHALL WORK WITH LOCAL REPRESENTATIVE ON SCHEDULING TO INSURE CONTINUED USE OF THE BUILDING. NEITHER THE CONTRACTOR NOR ANY OF HIS PEOPLE SHALL HAVE ACCESS TO THE BUILDING WITHOUT PRIOR AUTHORIZATION.
3. ALL SAFETY STANDARDS AND REQUIREMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
4. EXISTING ROOF PENETRATIONS WILL BE FLASHED AND PAINTED.
5. ALL EXISTING ROOF VENTS, MECHANICAL UNITS, ROOF HATCHES, ETC. WILL BE A MINIMUM OF 10" ABOVE THE FINISHED ROOF.
6. ALL NEW METAL WILL BE GALVANIZED OR PRE-FINISHED. CAULKING WILL BE SAME COLOR AS METAL.
7. BEFORE FABRICATION OF ANY SHEET METAL WORK, SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL. ALL WORK TO CONFORM TO NRCA OR SMACNA DETAILS AND REQUIREMENTS WHERE NOT SPECIFICALLY DETAILED OTHERWISE.
8. COMPLY WITH ALL MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
9. CONTRACTOR RESPONSIBLE TO KEEP BUILDING WATERTIGHT AT ALL TIMES. STARTING FROM NOTICE TO PROCEED TO SUBSTANTIAL COMPLETION ANY DAMAGE TO THE BUILDING OR ITS CONTENTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR TO CHECK ALL MECHANICAL EQUIPMENT BEFORE DISCONNECTING TO MAKE SURE THEY ARE OPERATING PROPERLY, CONTRACTOR IS ALSO RESPONSIBLE FOR UNITS TO BE IN COMPLETE OPERATING CONDITION AT THE COMPLETION OF THE PROJECT. COORDINATE SHUTDOWN WITH USERS.
11. RAIN GUTTERS & DOWNSPOUTS HEADS:
 - a. RIVETS & SCREWS TO BE PAINTED SAME COLOR (NO SPRAY PAINT)
 - b. USE POP RIVETS AT ALL CONNECTIONS FROM GUTTERS TO DOWNSPOUTS.
 - c. EVERY DOWNSPOUT - TO CONNECT TO EXISTING SUB-GRADE DRAINAGE SYSTEM. WHERE THERE IS EXISTING DRAINAGE SYSTEM. PROVIDE NEW CONNECTION FITTING IF NONE EXISTING, OR IF DAMAGED.
 - d. ALL JOINTS TO BE SEALED WATER TIGHT.
12. BEFORE ORDERING ANY MATERIALS, VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. **DO NOT SCALE DRAWINGS FOR QUANTITIES.**
13. BEFORE INSTALLATION OF ALL NEW PIPE JACKS AND PIPE FLASHINGS VERIFY THAT ALL MECHANICAL FLUES AND VENTS ARE STRAPPED TO PREVENT ANY SETTLEMENT OR SHIFTING INTO ROOF. PRIOR TO COMPLETION OF WORK, CONTRACTOR TO VERIFY THAT MECHANICAL EQUIPMENT VENTING TO HAVE POSITIVE RELEASE FLOW TO ROOF VENT AND FLUE IS SECURED TO ORIGINAL HEIGHT AND ALL CONNECTIONS ARE TIGHT AND SECURE.
14. ANY SIDING, FASCIA, ETC. THAT NEEDS TO BE REMOVED TO COMPLETE THIS JOB IS TO BE PART OF THE CONTRACT. CARE MUST BE TAKEN TO ENSURE THAT ALL ITEMS TO BE REINSTALLED ARE NOT DAMAGED DURING REMOVAL AND/OR INSTALLATION. ALL PIECES THAT ARE DAMAGED WILL BE REPLACED BY CONTRACTOR.
15. AT THE END OF CONSTRUCTION, CONTRACTOR IS TO CLEAN OUT AND FLUSH ALL RAIN GUTTERS & DOWNSPOUTS TO MAKE SURE THEY ARE NOT PLUGGED AND ARE IN WORKING CONDITION.
16. CONTRACTOR TO SUPPLY AN ON SITE PORTABLE RESTROOM. FACILITY RESTROOMS ARE NOT TO BE USED BY CONTRACTOR OR CONTRACTOR'S EMPLOYEES. LOCATION OF PORTABLE RESTROOM TO BE DETERMINED DURING PRE-CONSTRUCTION MEETING.



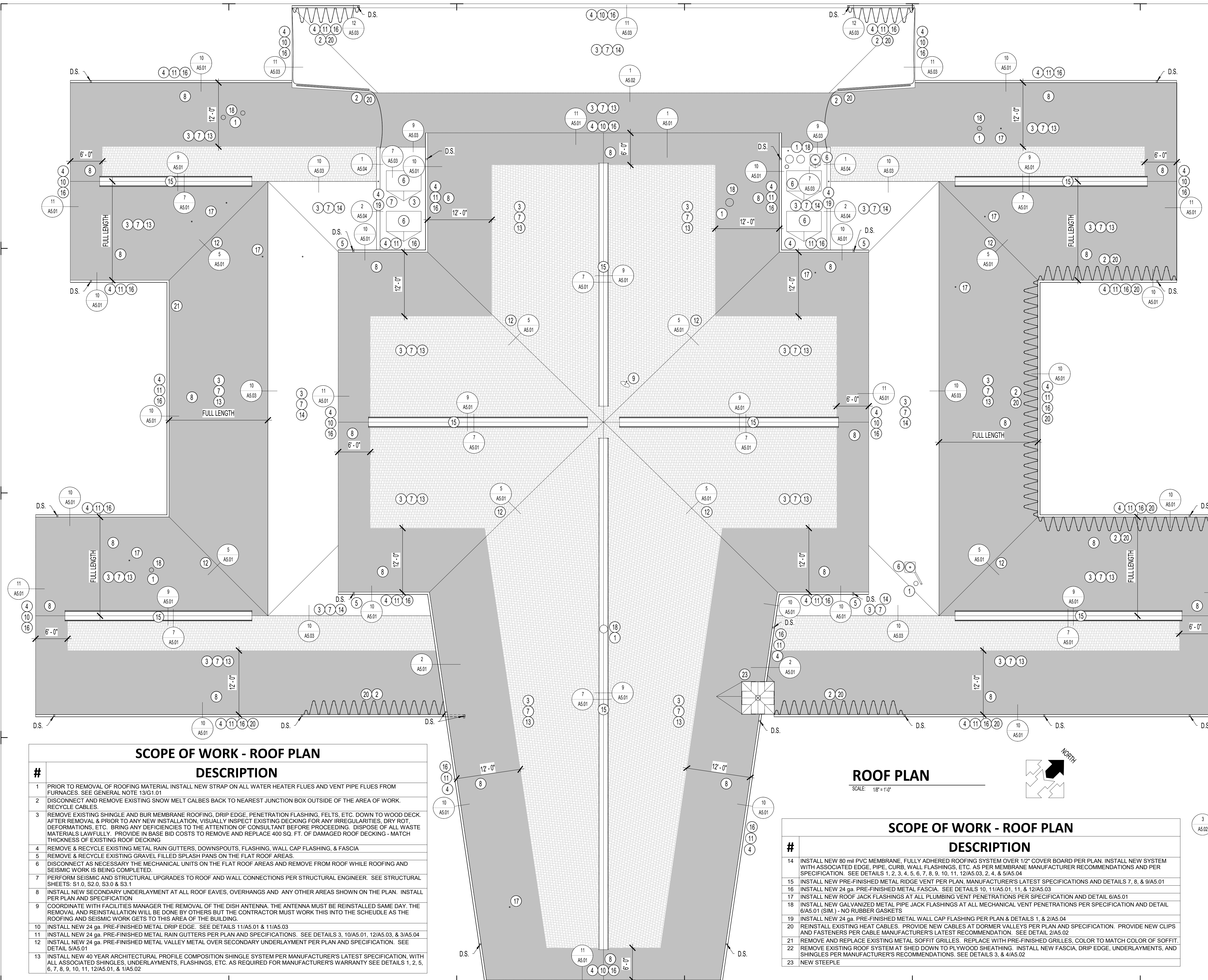
SHEET INDEX	
SHEET NO.	SHEET TITLE
G1.00	COVER SHEET
G1.01	GENERAL NOTES
A1.01	ROOF PLAN
A5.01	HIGH SLOPE ROOF DETAILS
A5.02	HIGH SLOPE ROOF DETAILS
A5.03	LOW SLOPE ROOF DETAILS
A5.04	LOW SLOPE ROOF DETAILS

COMMON SYMBOLS & ABBREVIATIONS		
SYMBOLS	ABBREVIATIONS	
#	A.F.F. = ABOVE FINISHED FLOOR	H.W.H. = HOT WATER HEATER
#	ALUM. = ALUMINUM	LT. = LIGHT
#	BD. = BOARD	MAX. = MAXIMUM
#	CONC. = CONCRETE	MECH. = MECHANICAL
#	DIA. = DIAMETER	MFR. = MANUFACTURER
#	EA. = EACH	MH = MANHOLE
#	FD = FLOOR DRAIN	MIN. = MINIMUM
#	FURN. = FURNACE	NO. = NUMBER
#	GA. = GAUGE	N.T.S. = NOT TO SCALE
#	GALV. = GALVANIZED	O.C. = ON CENTER
#	GPF = GALLONS PER FLUSH	O.H. = OVERHANG
#	GYP. = GYPSUM	PR. = PAIR
#	HB = HOSE BIB	RCP = REFLECTED CEILING PLAN
#	H.C. = HANDI-CAP	RE. = REFERENCE
#		SEC. = SECTION
#		SECT. = SECTION
#		SIM. = SIMILAR
#		T&G = TUNG & GROOVE
#		T.O. = TOP OF
#		TYP. = TYPICAL
#		U.N.O. = UNLESS NOTED OTHERWISE
#		WT. = WEIGHT

REVISIONS	
DATE	DESCRIPTION

PROJECT NO. 17675
 DRAWN BY DTS
 CHECKED BY CEG
 DATE MARCH 2019
 PROP. NO. 511-5876

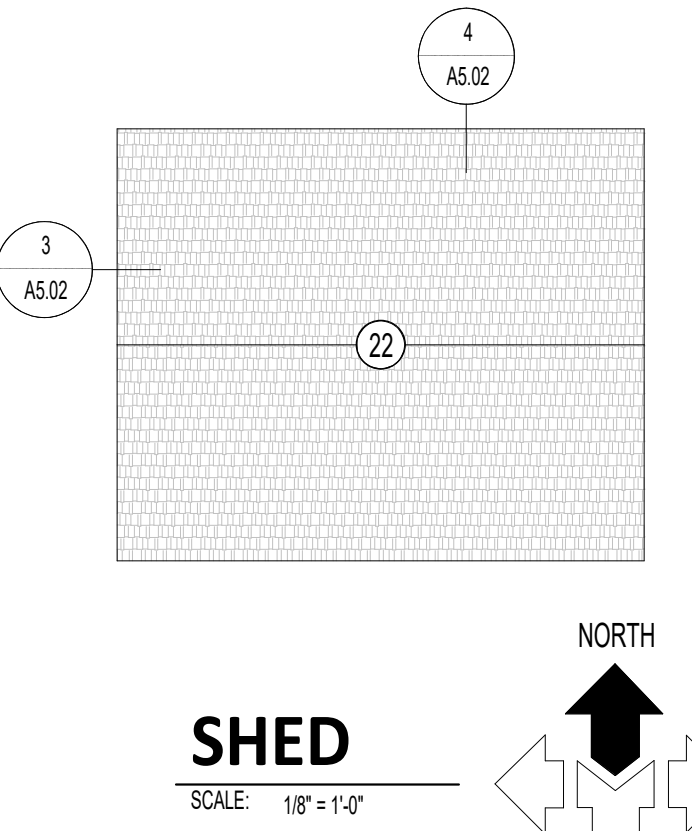
S:\2017Files\17675\Consulting\Prod Dwg\17675 - Bountiful 7, 15 Model.rvt



#	DESCRIPTION
1	PRIOR TO REMOVAL OF ROOFING MATERIAL INSTALL NEW STRAP ON ALL WATER HEATER FLUES AND VENT PIPE FLUES FROM FURNACES. SEE GENERAL NOTE 13/G1.01
2	DISCONNECT AND REMOVE EXISTING SNOW MELT CABLES BACK TO NEAREST JUNCTION BOX OUTSIDE OF THE AREA OF WORK. RECYCLE CABLES.
3	REMOVE EXISTING SHINGLE AND BUR MEMBRANE ROOFING, DRIP EDGE, PENETRATION FLASHING, FELTS, ETC. DOWN TO WOOD DECK. AFTER REMOVAL & PRIOR TO ANY NEW INSTALLATION, VISUALLY INSPECT EXISTING DECKING FOR ANY IRREGULARITIES, DRY ROT, DEFORMATIONS, ETC. BRING ANY DEFICIENCIES TO THE ATTENTION OF CONSULTANT BEFORE PROCEEDING. DISPOSE OF ALL WASTE MATERIALS LAWFULLY. PROVIDE IN BASE BID COSTS TO REMOVE AND REPLACE 400 SQ. FT. OF DAMAGED ROOF DECKING - MATCH THICKNESS OF EXISTING ROOF DECKING
4	REMOVE & RECYCLE EXISTING METAL RAIN GUTTERS, DOWNSPOUTS, FLASHING, WALL CAP FLASHING, & FASCIA
5	REMOVE & RECYCLE EXISTING GRAVEL FILLED SPLASH PANS ON THE FLAT ROOF AREAS.
6	DISCONNECT AS NECESSARY THE MECHANICAL UNITS ON THE FLAT ROOF AREAS AND REMOVE FROM ROOF WHILE ROOFING AND SEISMIC WORK IS BEING COMPLETED.
7	PERFORM SEISMIC AND STRUCTURAL UPGRADES TO ROOF AND WALL CONNECTIONS PER STRUCTURAL ENGINEER. SEE STRUCTURAL SHEETS: S1.0, S2.0, S3.0 & S3.1
8	INSTALL NEW SECONDARY UNDERLAYMENT AT ALL ROOF EAVES, OVERHANGS AND ANY OTHER AREAS SHOWN ON THE PLAN. INSTALL PER PLAN AND SPECIFICATION
9	COORDINATE WITH FACILITIES MANAGER THE REMOVAL OF THE DISH ANTENNA. THE ANTENNA MUST BE REINSTALLED SAME DAY. THE REMOVAL AND REINSTALLATION WILL BE DONE BY OTHERS BUT THE CONTRACTOR MUST WORK THIS INTO THE SCHEDULE AS THE ROOFING AND SEISMIC WORK GETS TO THIS AREA OF THE BUILDING.
10	INSTALL NEW 24 ga. PRE-FINISHED METAL DRIP EDGE. SEE DETAILS 11/A5.01 & 11/A5.03
11	INSTALL NEW 24 ga. PRE-FINISHED METAL RAIN GUTTERS PER PLAN AND SPECIFICATIONS. SEE DETAILS 3, 10/A5.01, 12/A5.03, & 3/A5.04
12	INSTALL NEW 24 ga. PRE-FINISHED METAL VALLEY METAL OVER SECONDARY UNDERLAYMENT PER PLAN AND SPECIFICATION. SEE DETAIL 5/A5.01
13	INSTALL NEW 40 YEAR ARCHITECTURAL PROFILE COMPOSITION SHINGLE SYSTEM PER MANUFACTURER'S LATEST SPECIFICATION, WITH ALL ASSOCIATED SHINGLES, UNDERLAYMENTS, FLASHINGS, ETC. AS REQUIRED FOR MANUFACTURER'S WARRANTY SEE DETAILS 1, 2, 5, 6, 7, 8, 9, 10, 11, 12/A5.01, & 1/A5.02

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

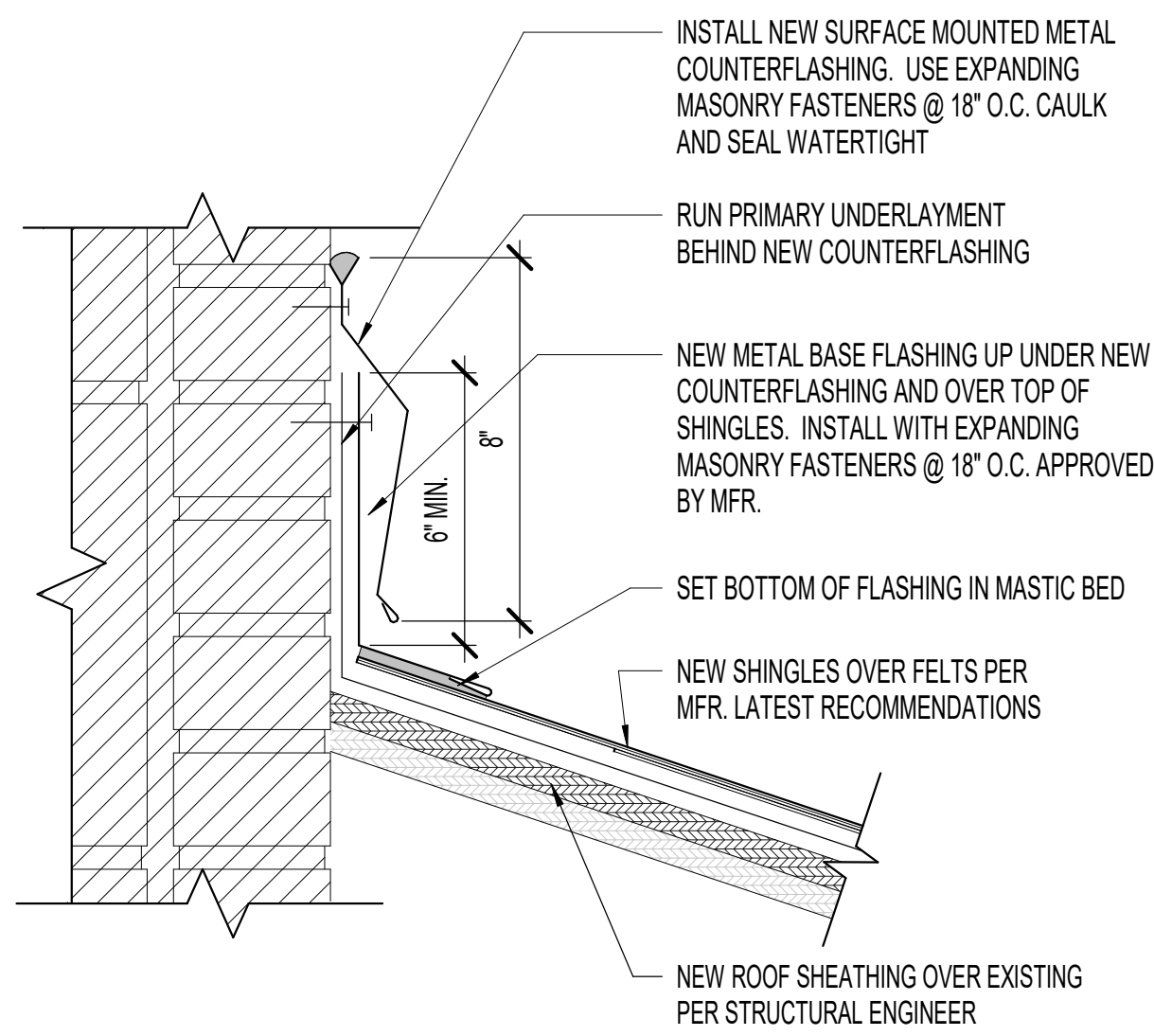
#	DESCRIPTION
14	INSTALL NEW 80 mil PVC MEMBRANE, FULLY ADHERED ROOFING SYSTEM OVER 1/2" COVER BOARD PER PLAN. INSTALL NEW SYSTEM WITH ASSOCIATED EDGE, PIPE, CURB, WALL FLASHINGS, ETC. AS PER MEMBRANE MANUFACTURER RECOMMENDATIONS AND PER SPECIFICATION. SEE DETAILS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12/A5.03, 2, 4, & 5/A5.04
15	INSTALL NEW PRE-FINISHED METAL RIDGE VENT PER PLAN, MANUFACTURER'S LATEST SPECIFICATIONS AND DETAILS 7, 8, & 9/A5.01
16	INSTALL NEW 24 ga. PRE-FINISHED METAL FASCIA. SEE DETAILS 10, 11/A5.01, 11, & 12/A5.03
17	INSTALL NEW ROOF JACK FLASHINGS AT ALL PLUMBING VENT PENETRATIONS PER SPECIFICATION AND DETAIL 6/A5.01
18	INSTALL NEW GALVANIZED METAL PIPE JACK FLASHINGS AT ALL MECHANICAL VENT PENETRATIONS PER SPECIFICATION AND DETAIL 6/A5.01 (SIM.) - NO RUBBER GASKETS
19	INSTALL NEW 24 ga. PRE-FINISHED METAL WALL CAP FLASHING PER PLAN & DETAILS 1, & 2/A5.04
20	REINSTALL EXISTING HEAT CABLES. PROVIDE NEW CABLES AT DORMER VALLEYS PER PLAN AND SPECIFICATION. PROVIDE NEW CLIPS AND FASTENERS PER CABLE MANUFACTURER'S LATEST RECOMMENDATION. SEE DETAIL 2/A5.02
21	REMOVE AND REPLACE EXISTING METAL SOFFIT GRILLES. REPLACE WITH PRE-FINISHED GRILLES, COLOR TO MATCH COLOR OF SOFFIT.
22	REMOVE EXISTING ROOF SYSTEM AT SHED DOWN TO PLYWOOD SHEATHING. INSTALL NEW FASCIA, DRIP EDGE, UNDERLAYMENTS, AND SHINGLES PER MANUFACTURER'S RECOMMENDATIONS. SEE DETAILS 3, & 4/A5.02
23	NEW STEEPLE



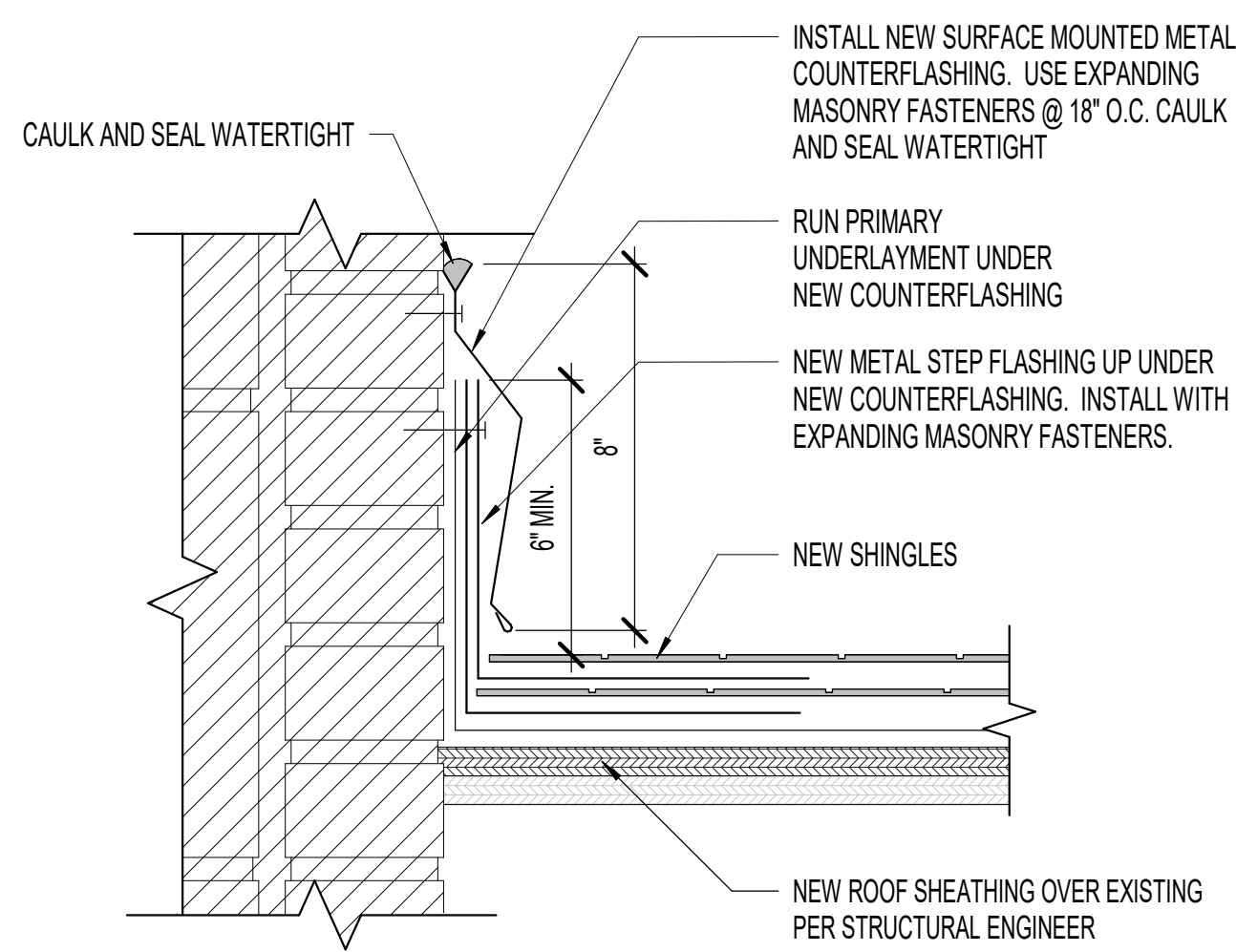
BOUNTIFUL 7 & 15
The church of Jesus Christ of Latter-Day Saints
BOUNTIFUL UTAH SOUTH STAKE
1250 SOUTH MAIN STREET
BOUNTIFUL, UTAH

REVISIONS	DATE	DESCRIPTION

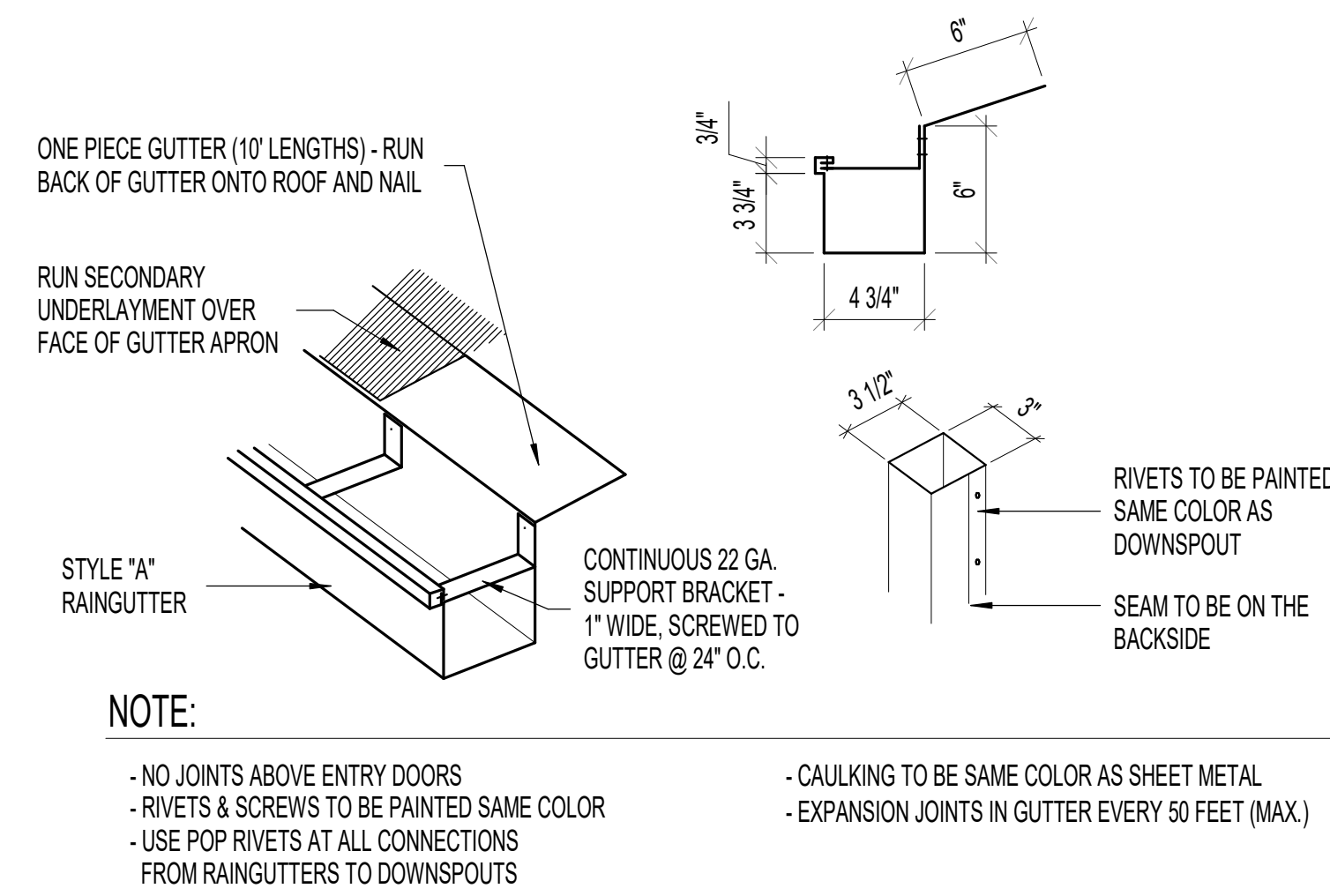
PROJECT NO. 17675
DRAWN BY CEG
CHECKED BY DLS
DATE MARCH 2019
PROP. NO. 511-5876



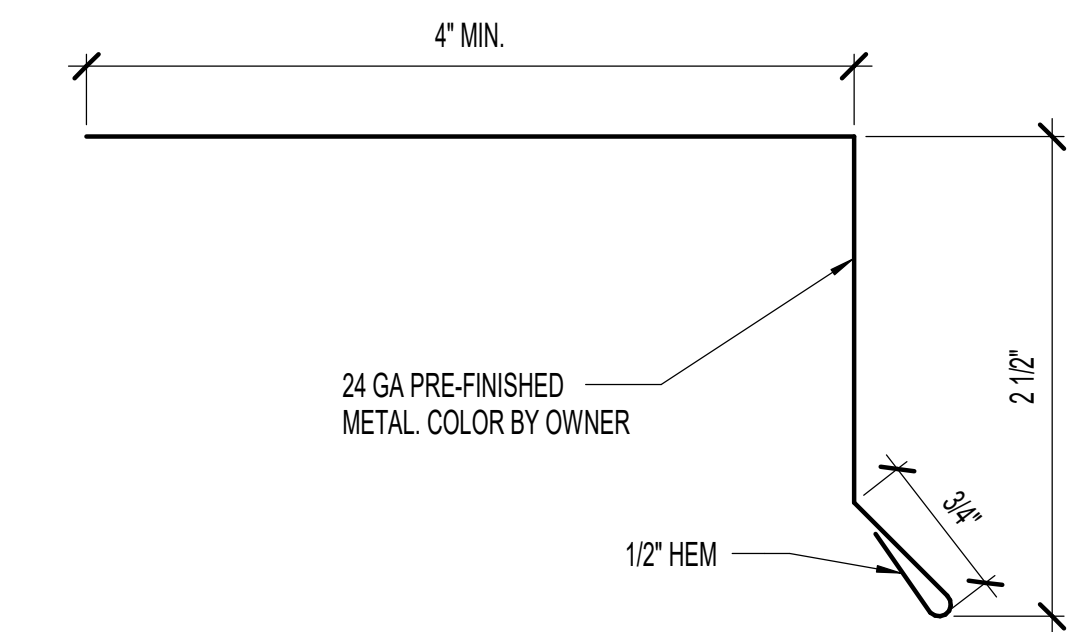
1 COUNTER FLASHING DETAIL
SCALE: 3" = 1'-0"



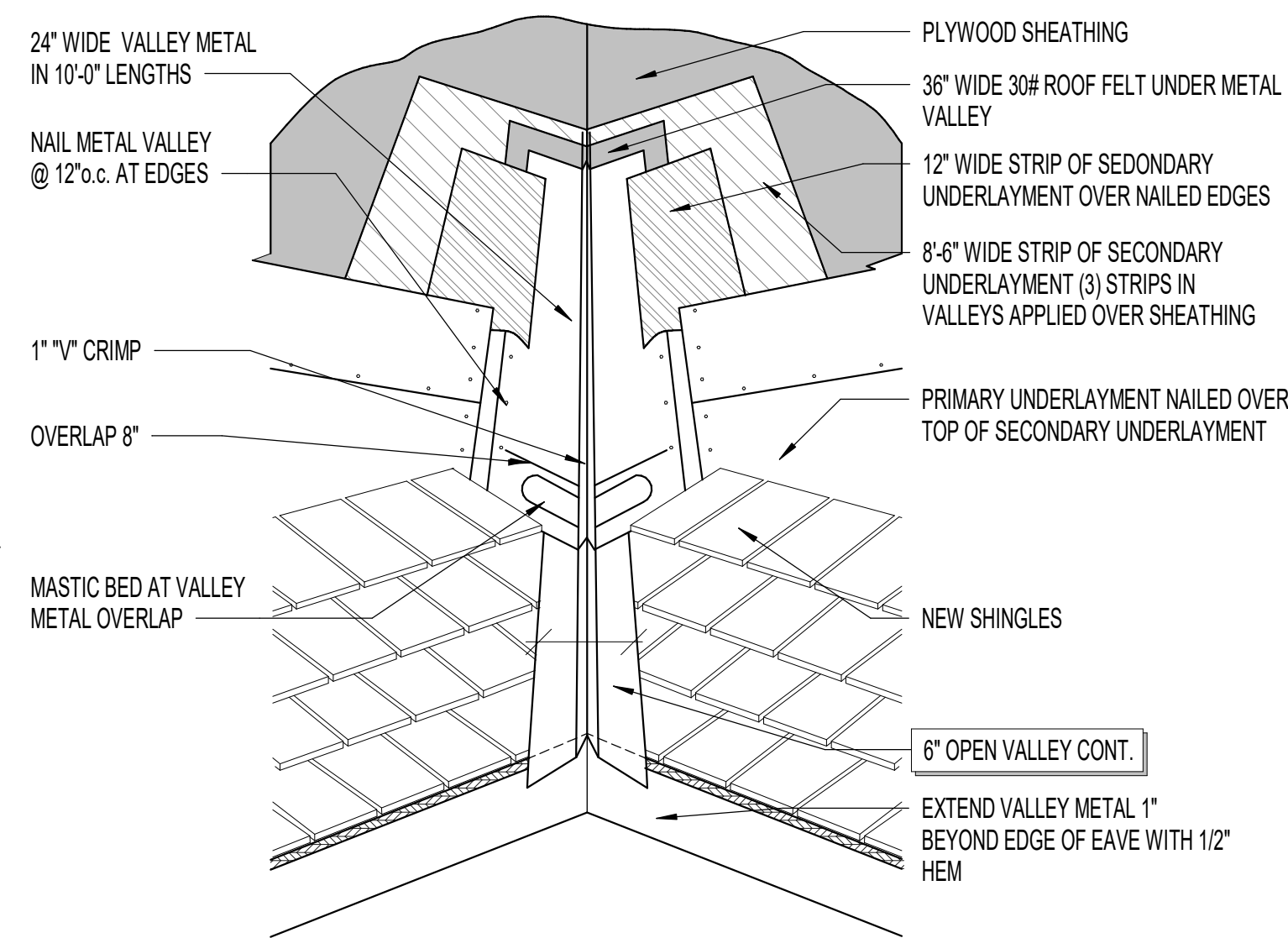
2 STEP FLASHING DETAIL
SCALE: 3" = 1'-0"



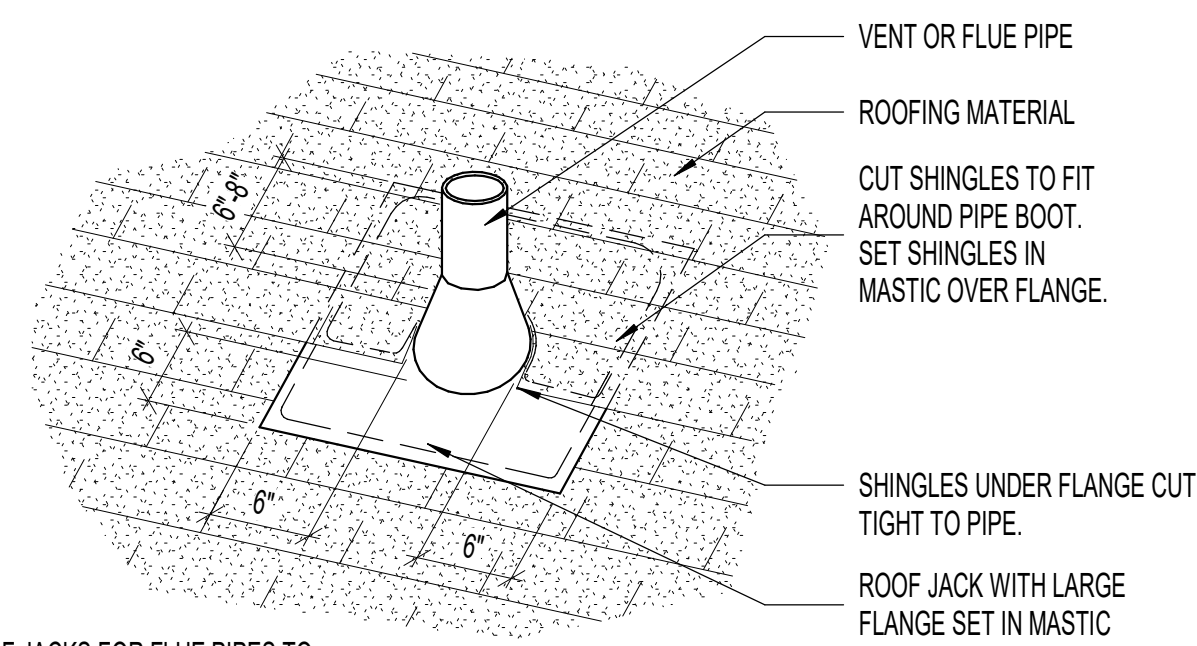
3 GUTTER & DOWNSPOUT DETAIL - HIGH SLOPE
SCALE: 1 1/2" = 1'-0"



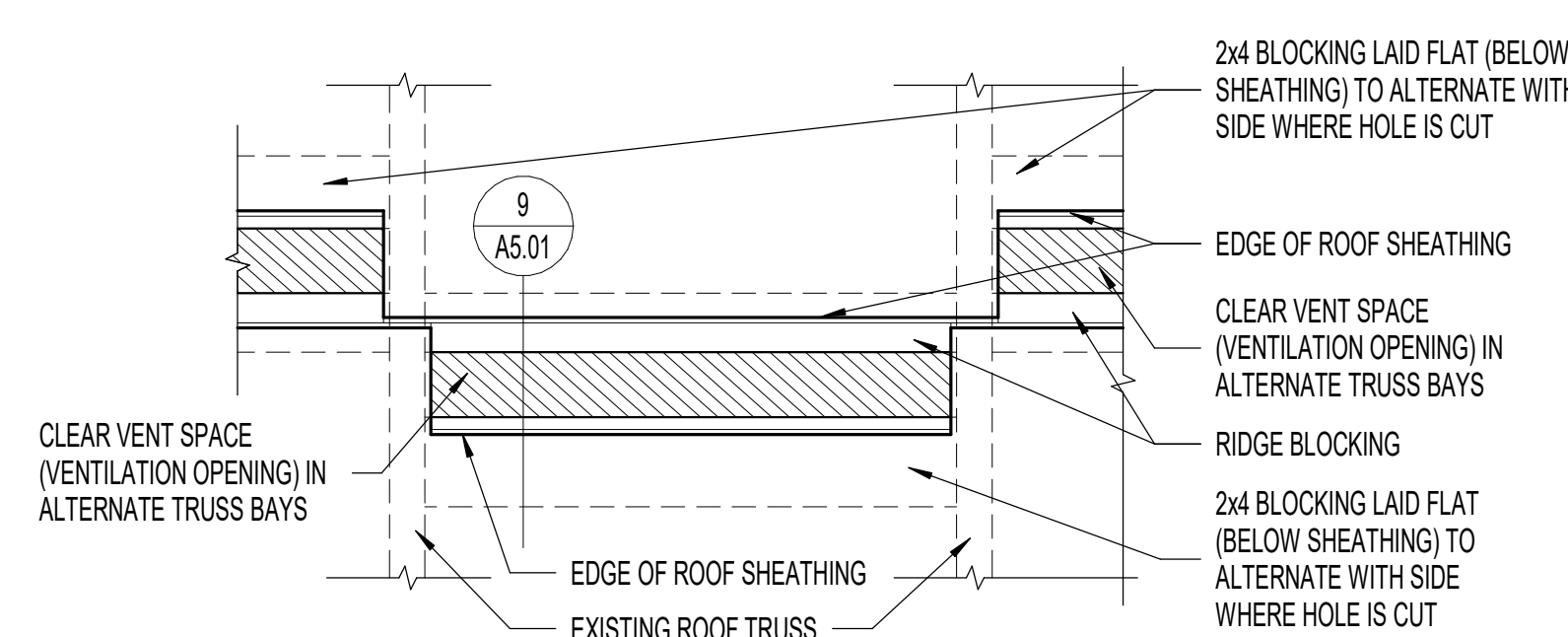
4 STANDARD DRIP EDGE DETAIL
SCALE: 12" = 1'-0"



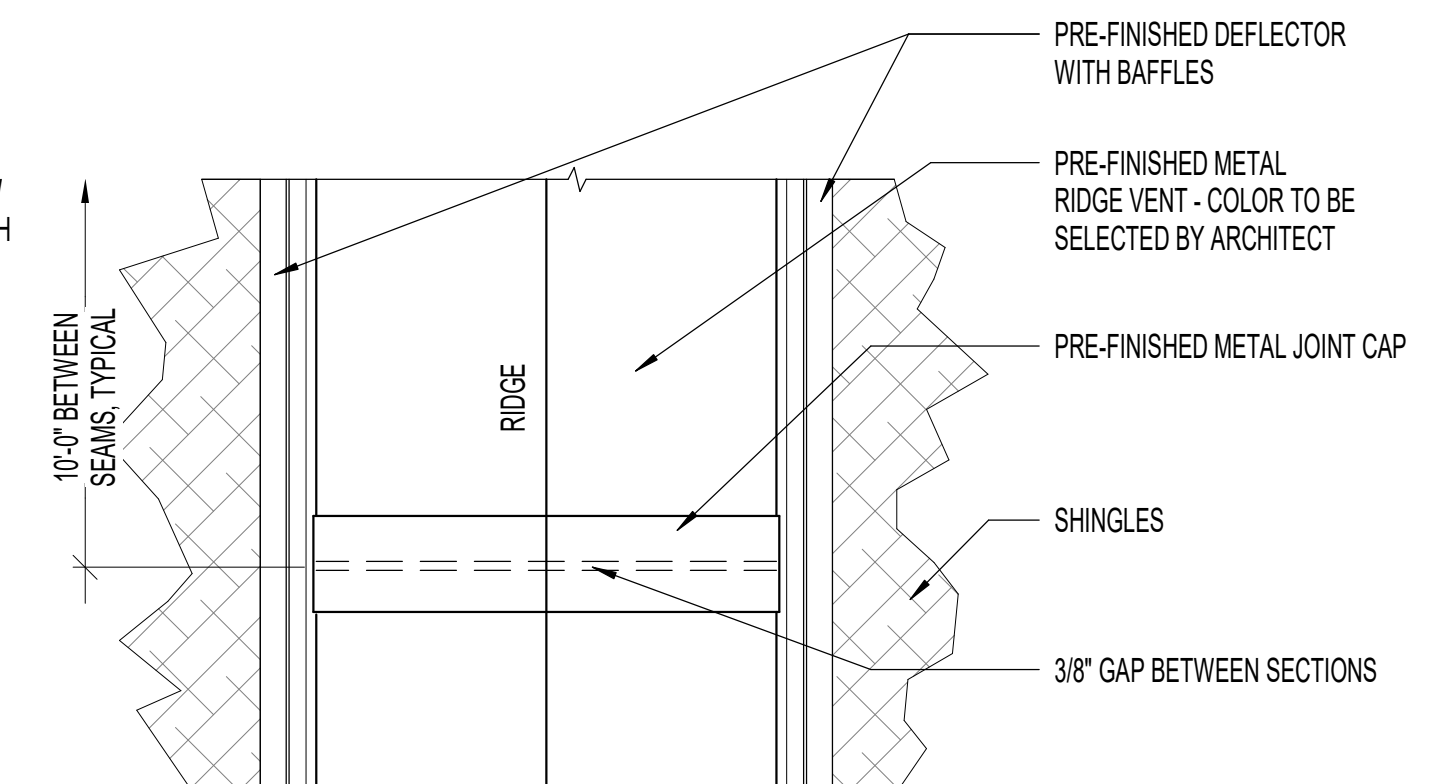
5 VALLEY FLASHING DETAIL
SCALE: 1" = 1'-0"



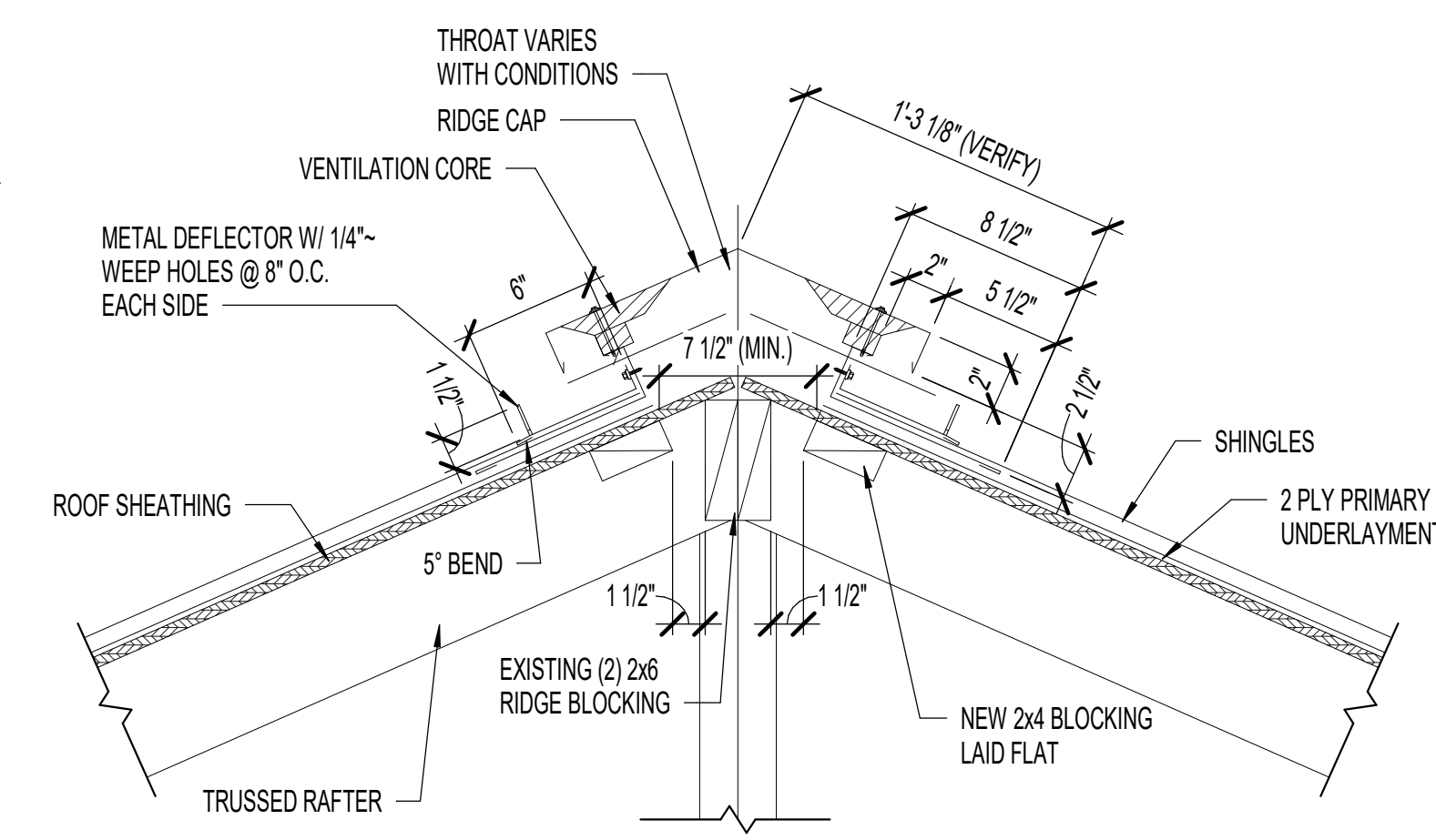
6 PIPE JACK FLASHING - HIGH SLOPE
SCALE: 12" = 1'-0"



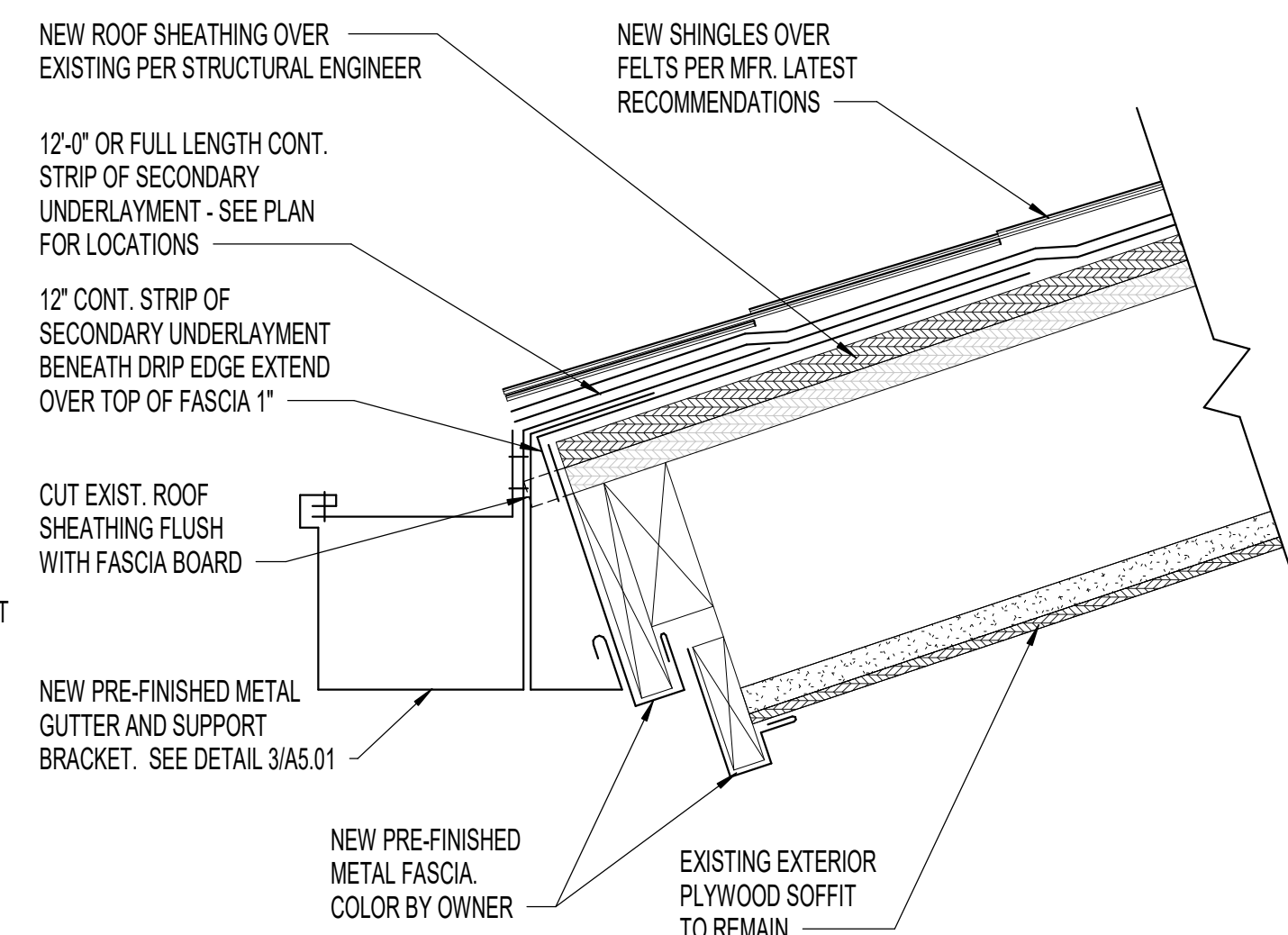
7 RIDGE VENT PLAN (BELOW CAP)
SCALE: 1 1/2" = 1'-0"



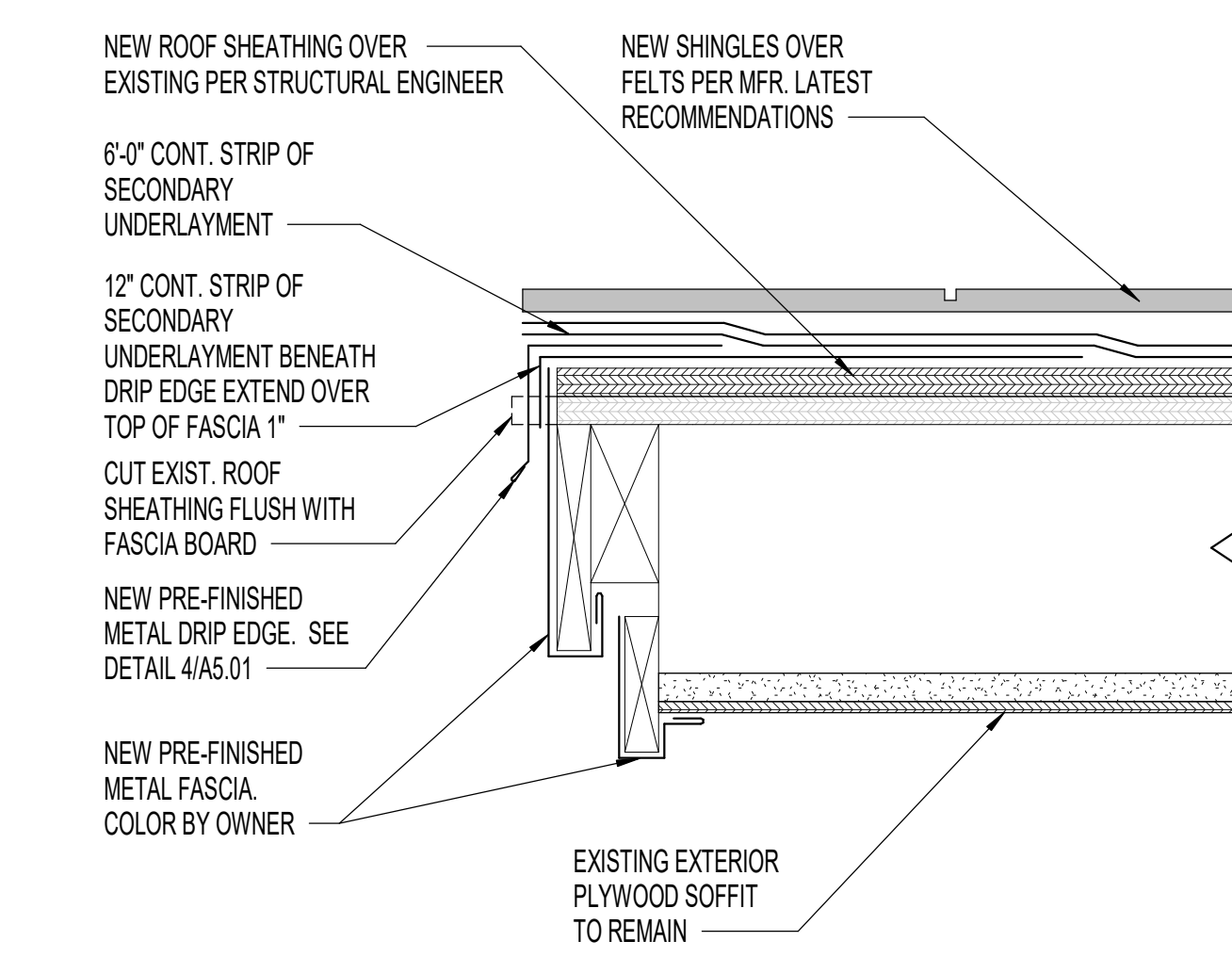
8 RIDGE VENT PLAN (ABOVE CAP)
SCALE: 1 1/2" = 1'-0"



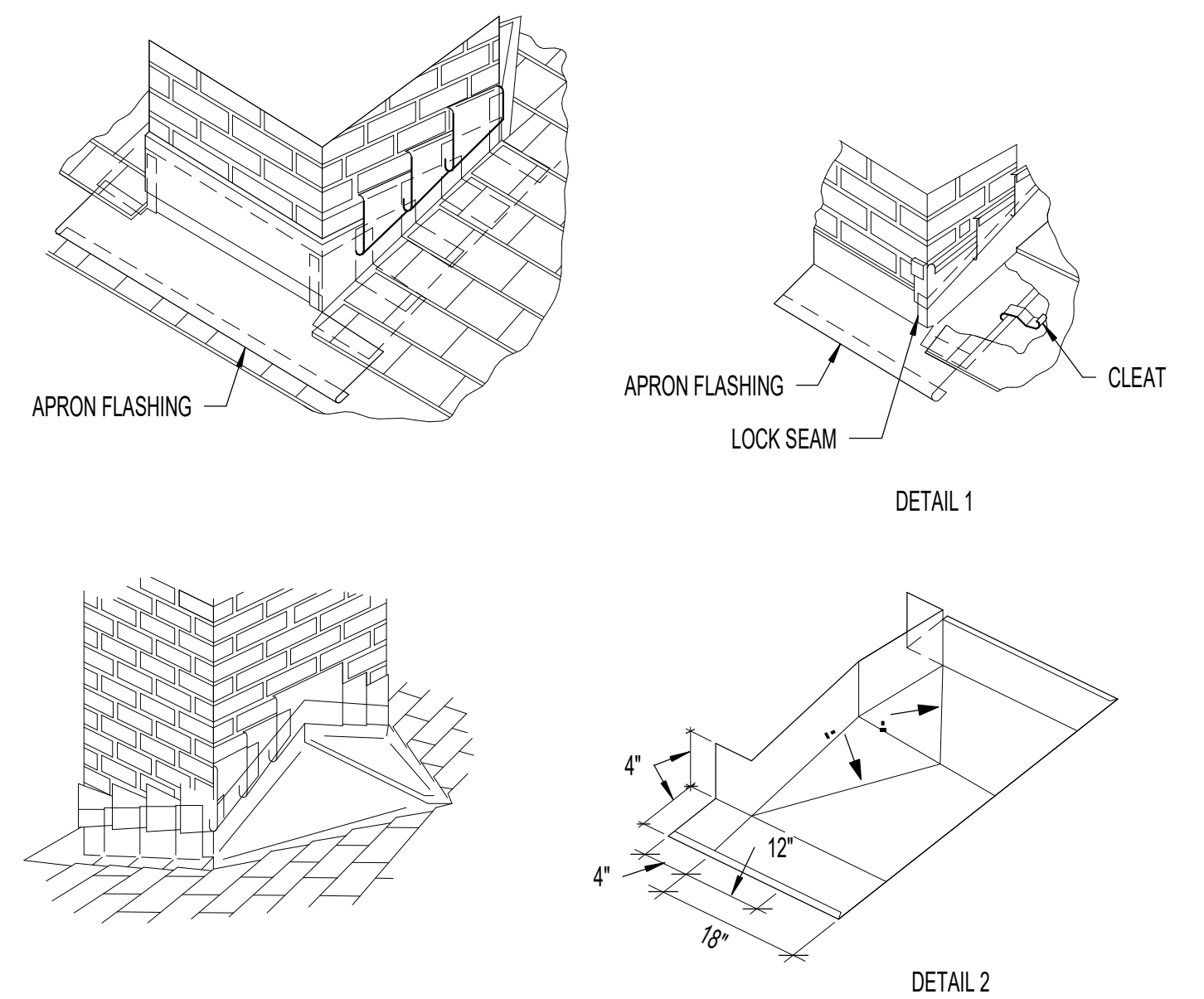
9 RIDGE VENT DETAIL
SCALE: 1 1/2" = 1'-0"



10 TYP. FASCIA DETAIL W/ GUTTER
SCALE: 3" = 1'-0"



11 TYP. FASCIA DETAIL - RAKE
SCALE: 3" = 1'-0"



12 STEEPLE STEP FLASHING DETAIL
SCALE: 12" = 1'-0"

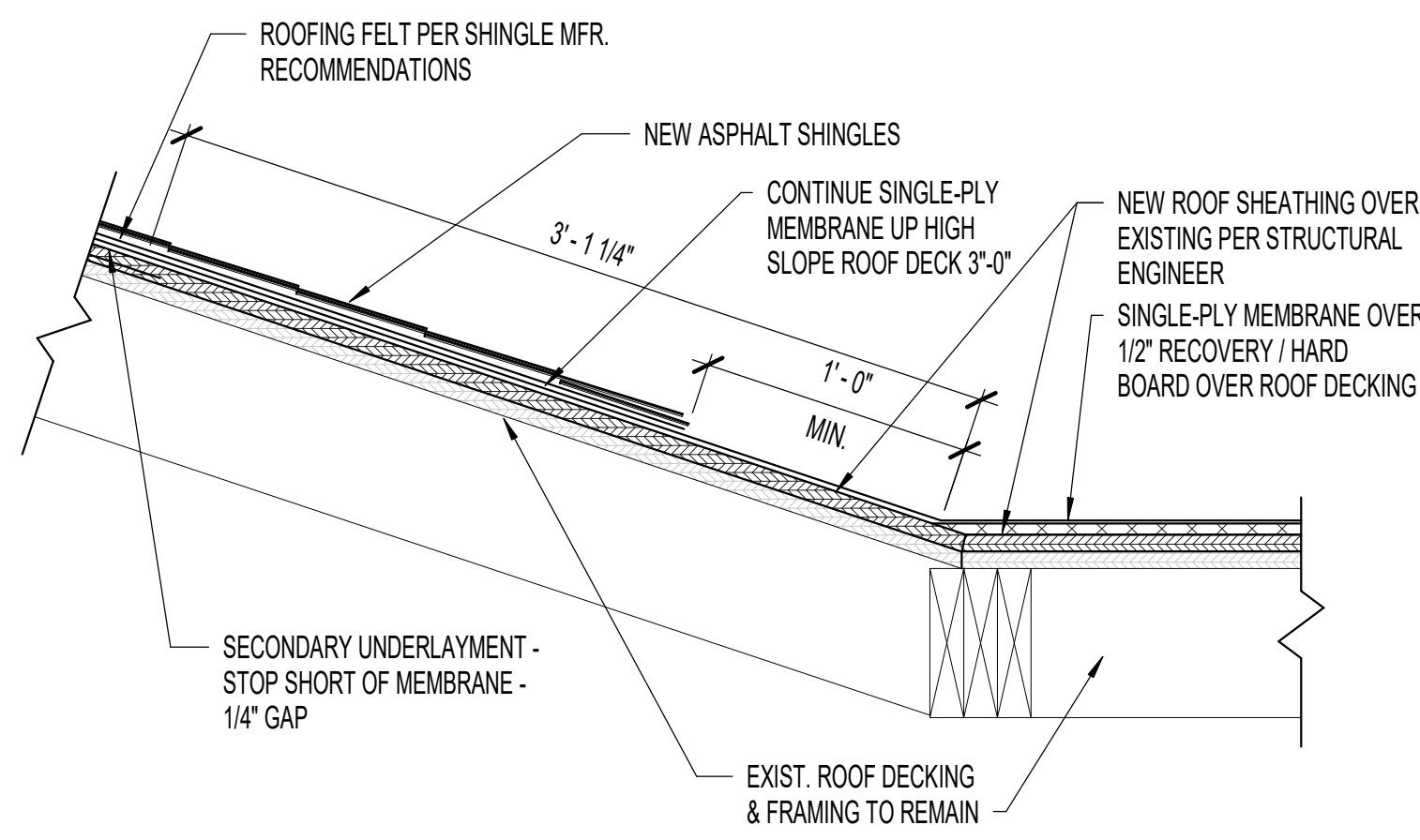
S:\2017Files\17675\Consulting\Prod Dwg\17675 - Bountiful 7, 15 Model.rvt

REVISIONS	DATE	DESCRIPTION

PROJECT NO. 17675
DRAWN BY DTS
CHECKED BY CEG
DATE MARCH 2019
PROP. NO. 511-5876

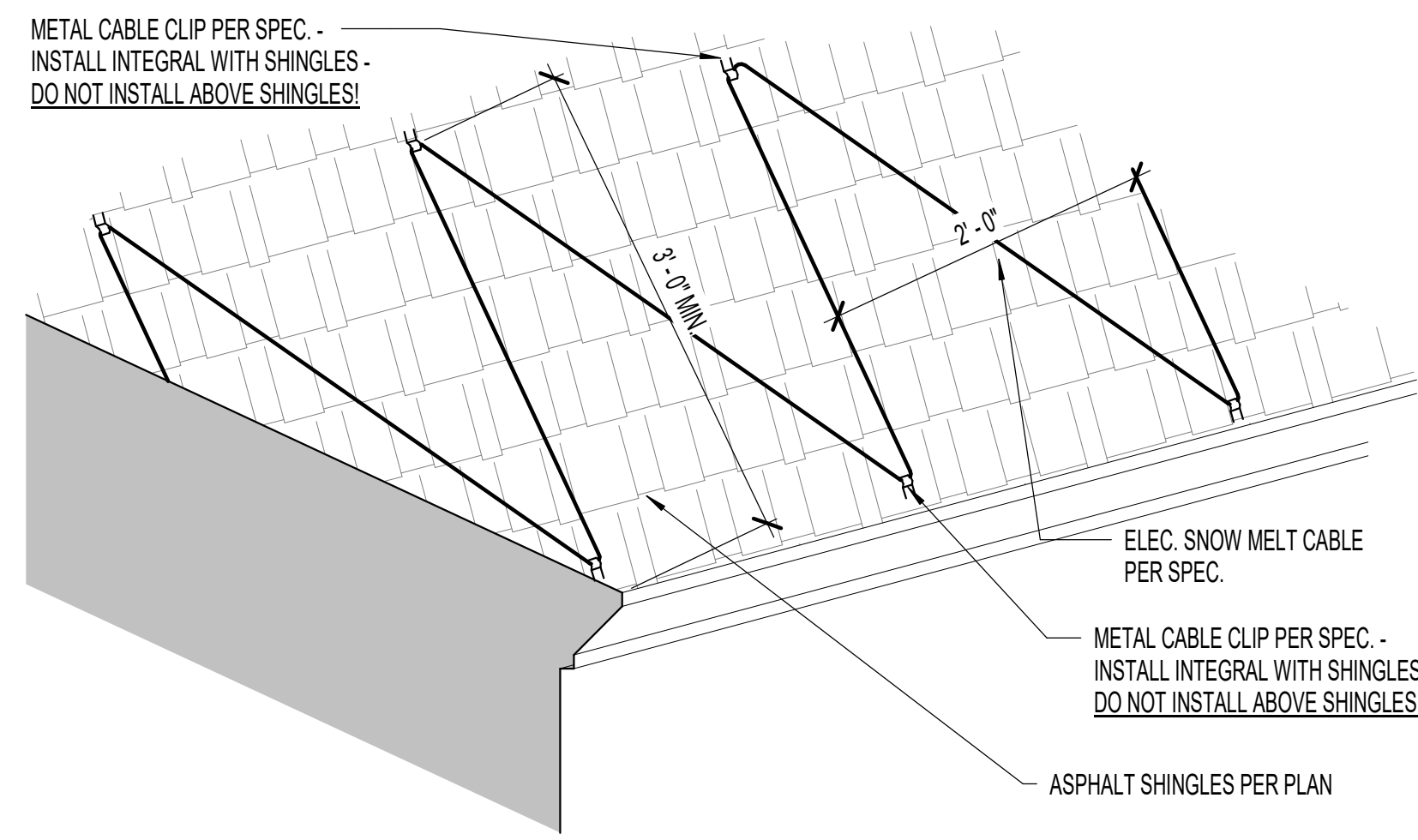
HIGH SLOPE ROOF DETAILS

A5.01



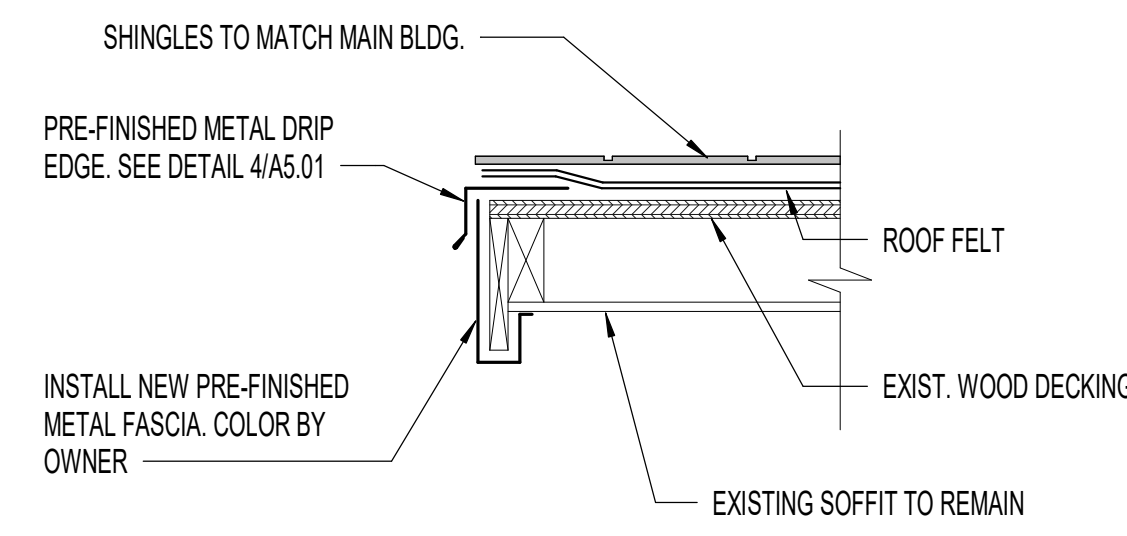
1 LOW SLOPE TO HIGH SLOPE TRANSITION

SCALE: 1 1/2" = 1'-0"



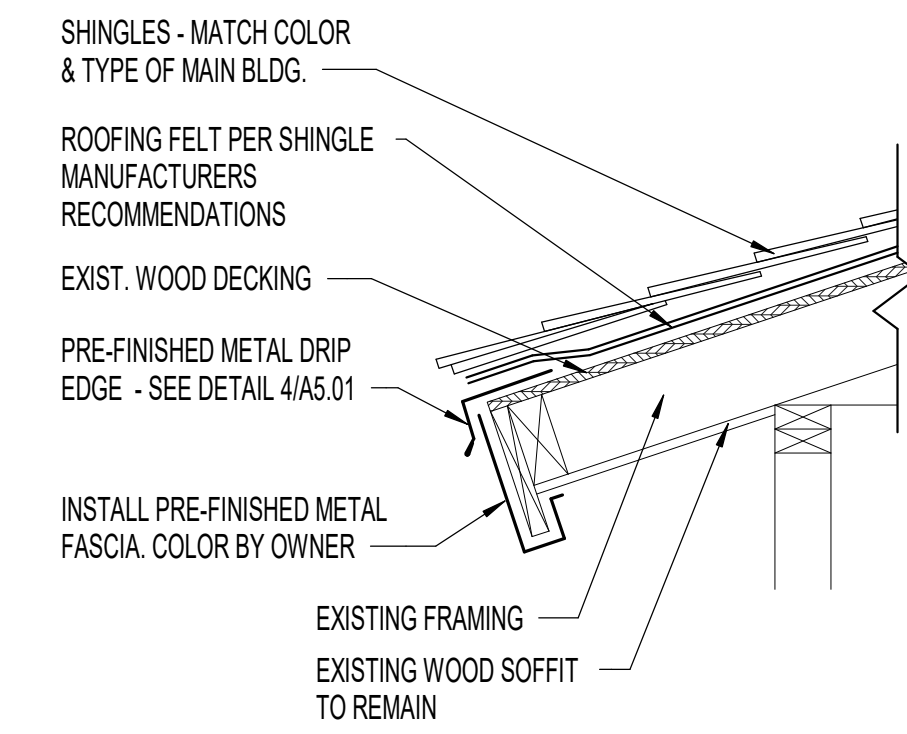
2 SNOW MELT CABLES

SCALE: 1" = 1'-0"



3 SHED - RAKE END

SCALE: 1 1/2" = 1'-0"



4 SHED - EAVE DETAIL

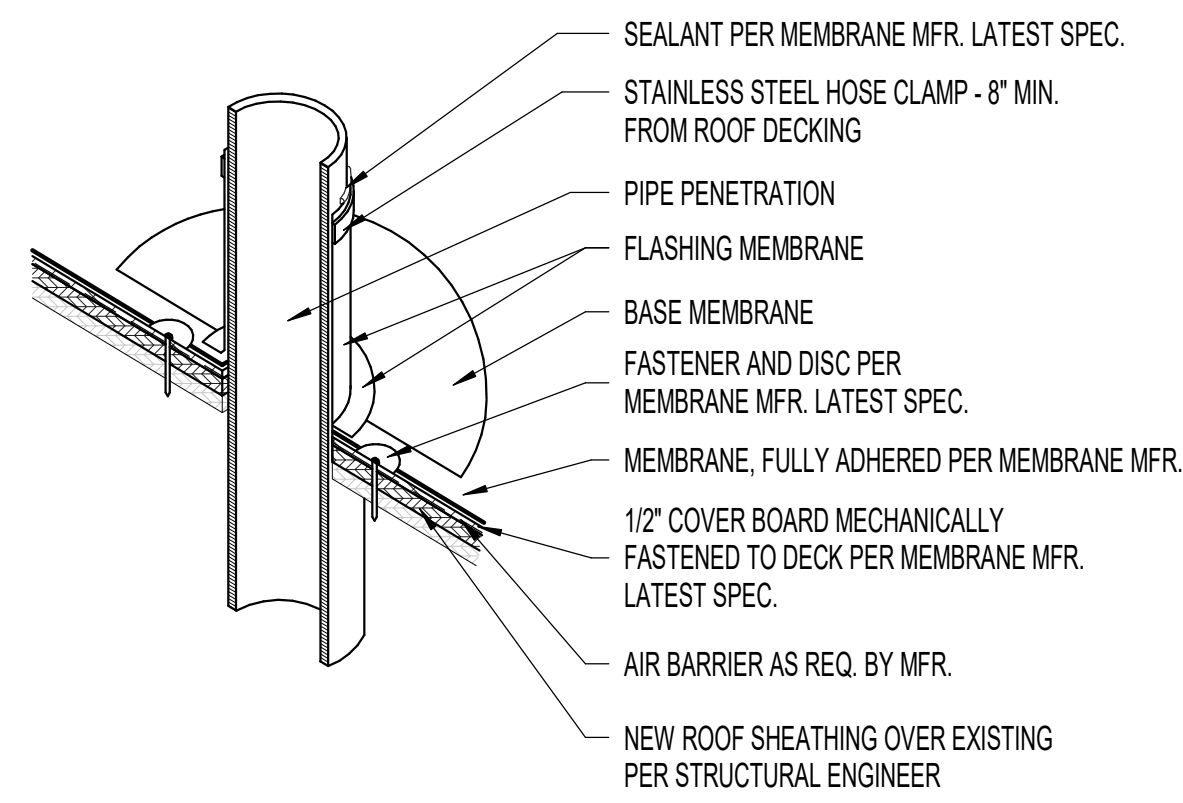
SCALE: 1 1/2" = 1'-0"

REVISIONS	
DATE	DESCRIPTION

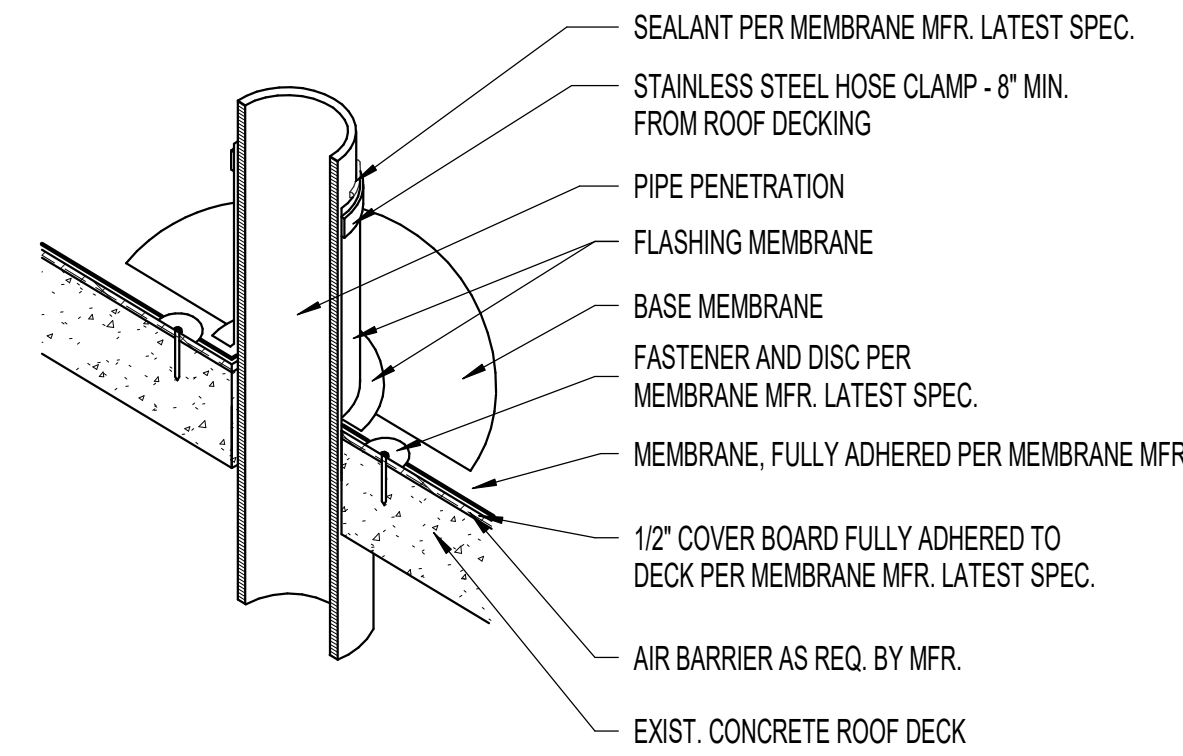
PROJECT NO.	17675
DRAWN BY	DTS
CHECKED BY	CEG
DATE	MARCH 2019
PROP. NO.	511-5876

HIGH SLOPE ROOF DETAILS

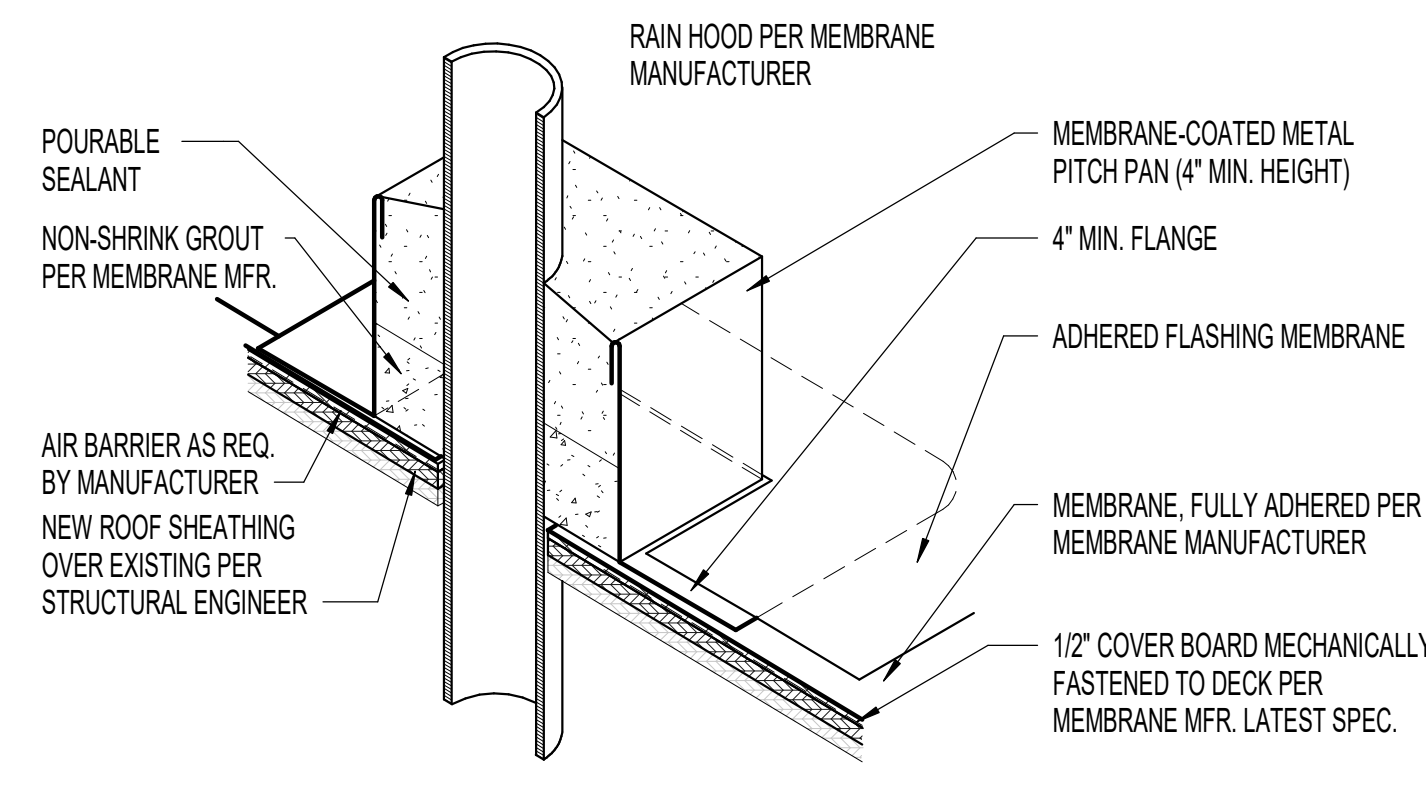
S:\2017Files\17675\Consulting\Prod Dwg\17675 - Bountiful 7, 15 Model.rvt



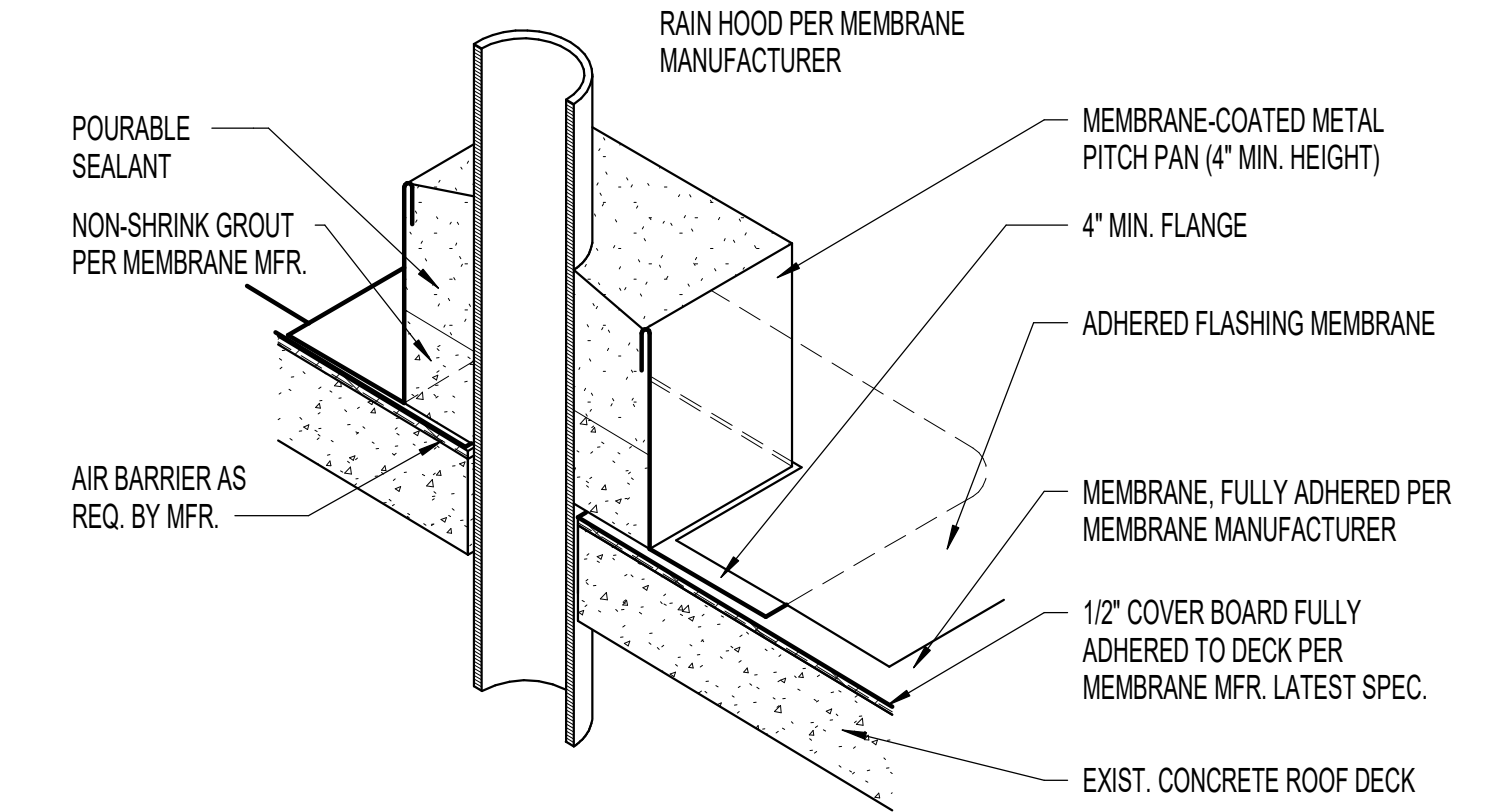
1 PIPE PENETRATION FLASHING - LOW SLOPE - PLYWOOD DECK
SCALE: 1" = 1'-0"



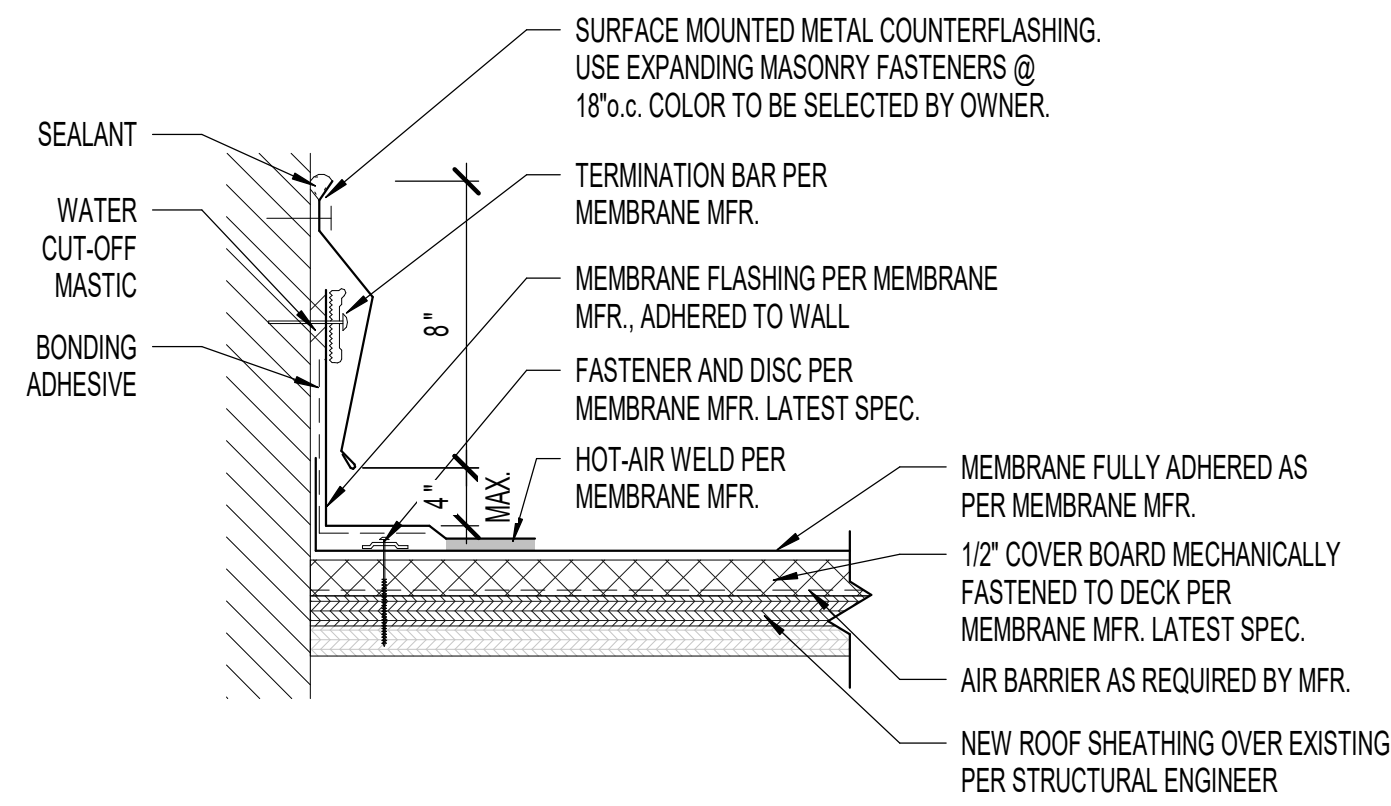
2 PIPE PENETRATION FLASHING - LOW SLOPE - CONCRETE DECK
SCALE: 1" = 1'-0"



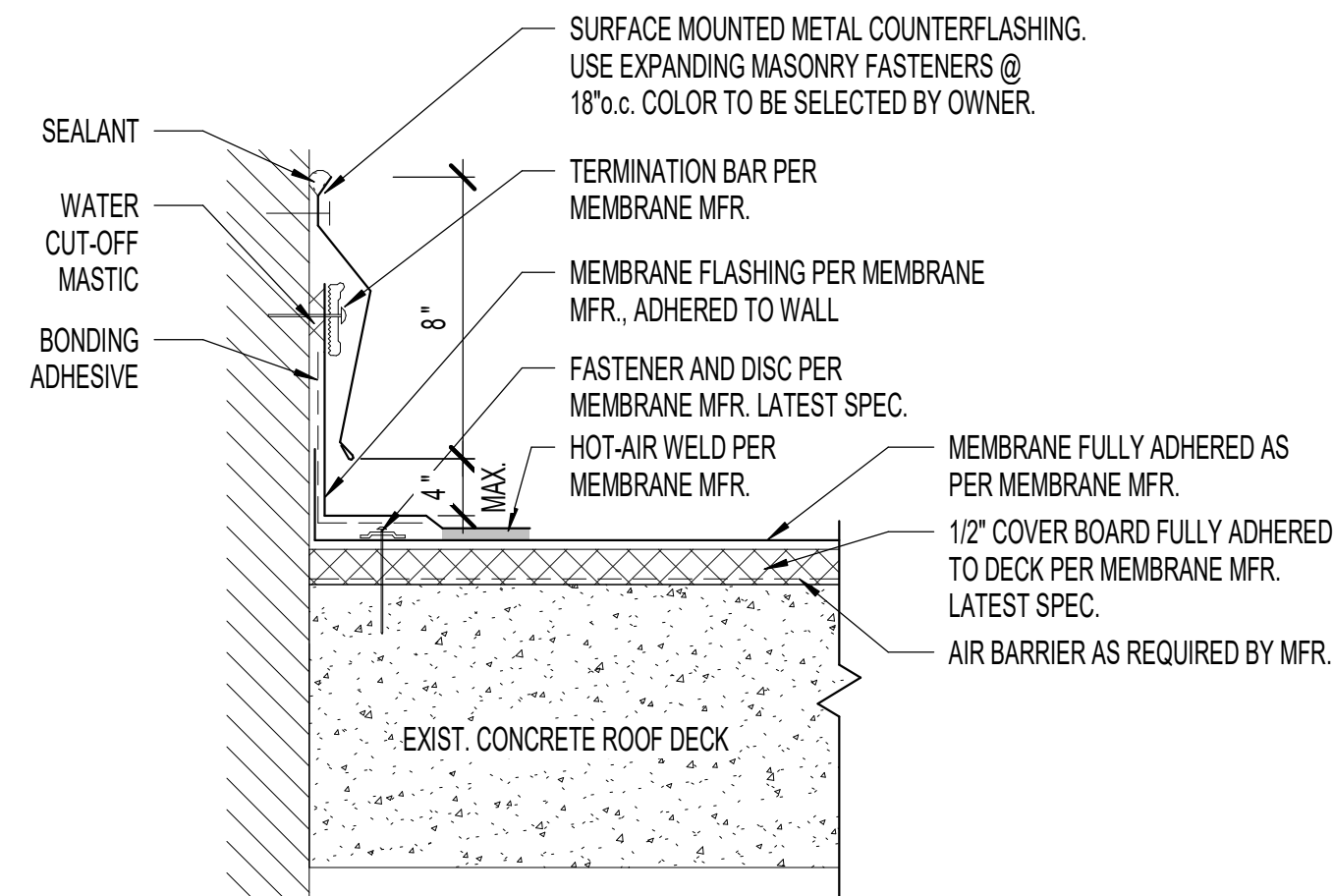
3 SEALANT POCKET - PLYWOOD DECK
SCALE: 1" = 1'-0"



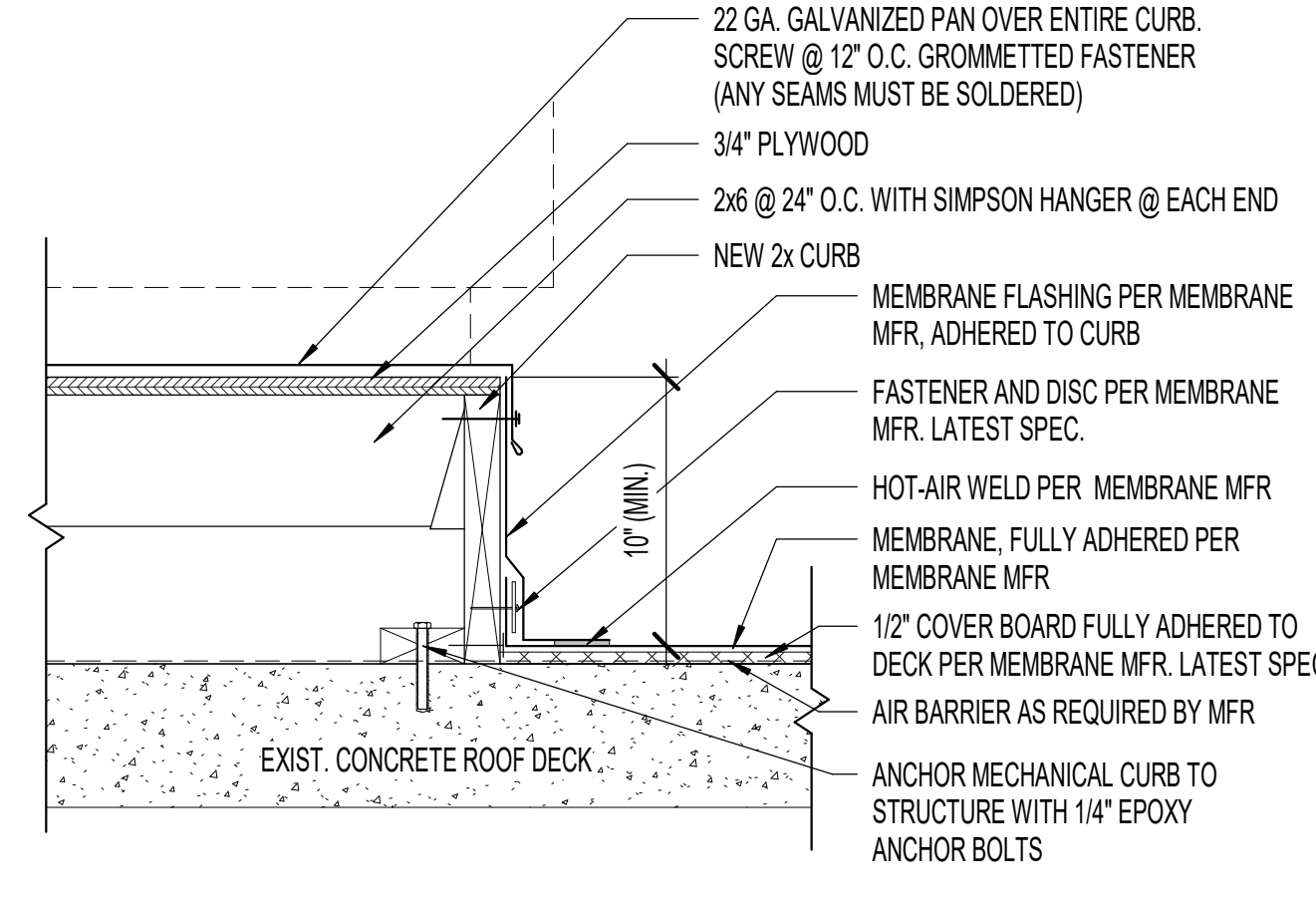
4 SEALANT POCKET - CONCRETE DECK
SCALE: 1" = 1'-0"



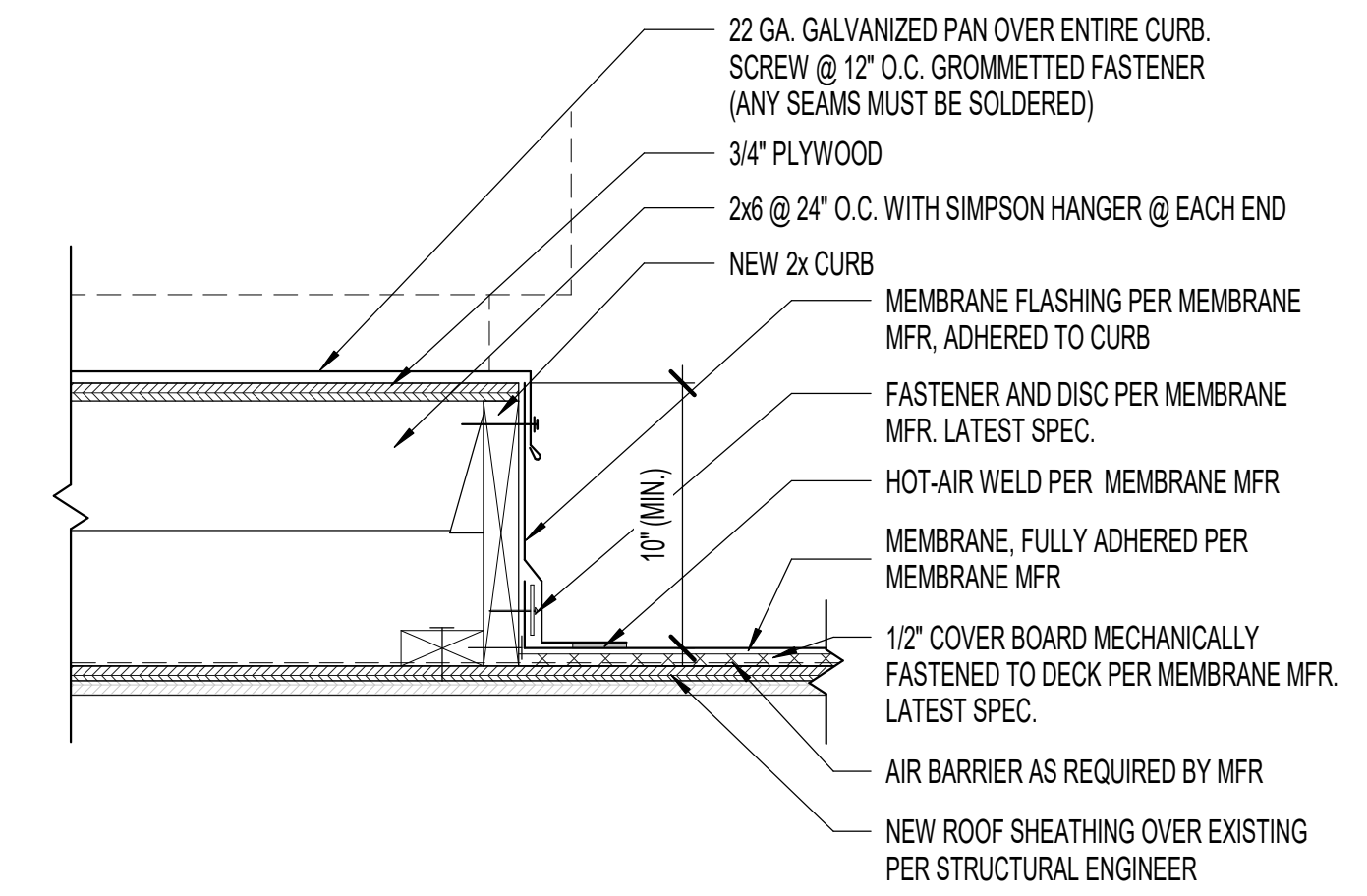
5 COUNTER FLASHING DETAIL - PLYWOOD DECK
SCALE: 3" = 1'-0"



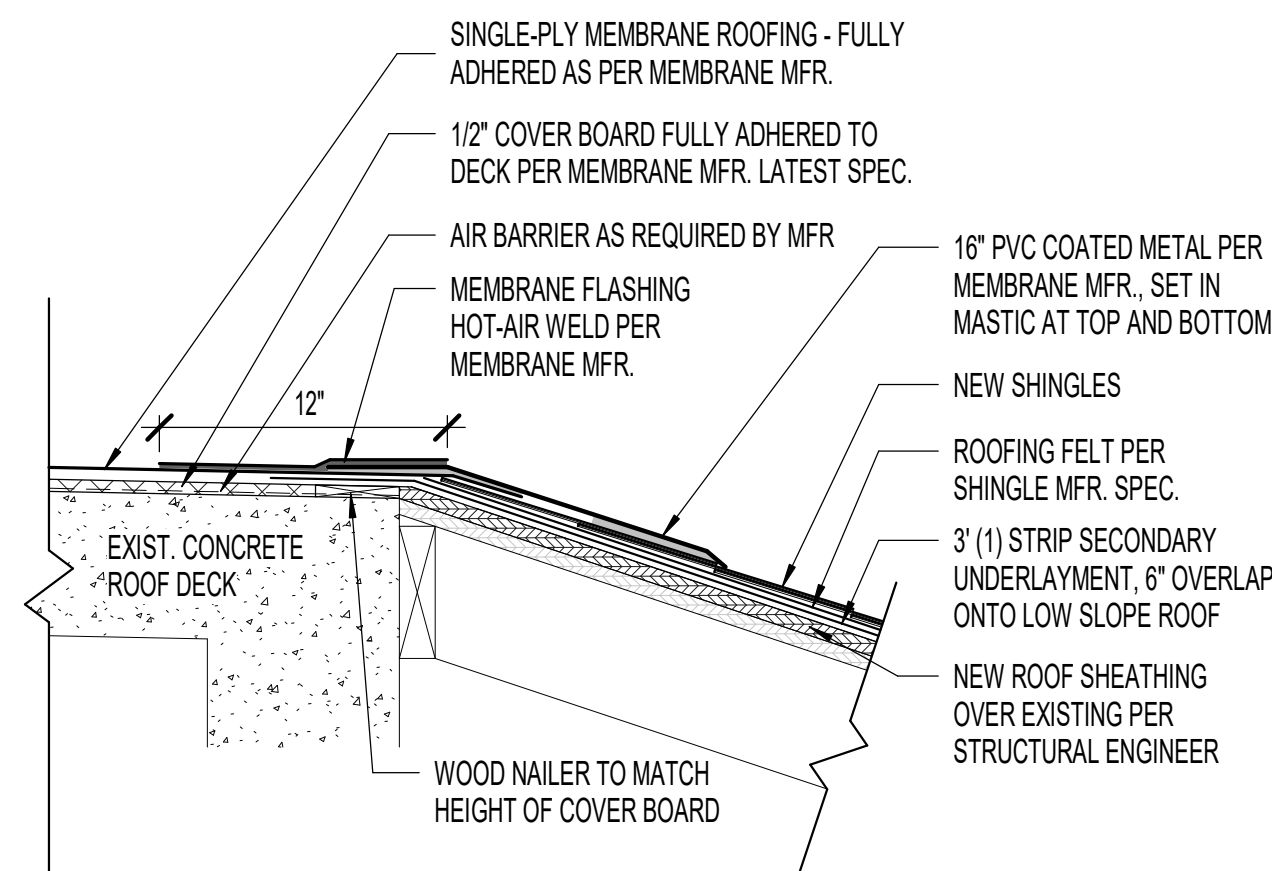
6 COUNTER FLASHING DETAIL - PLYWOOD DECK
SCALE: 3" = 1'-0"



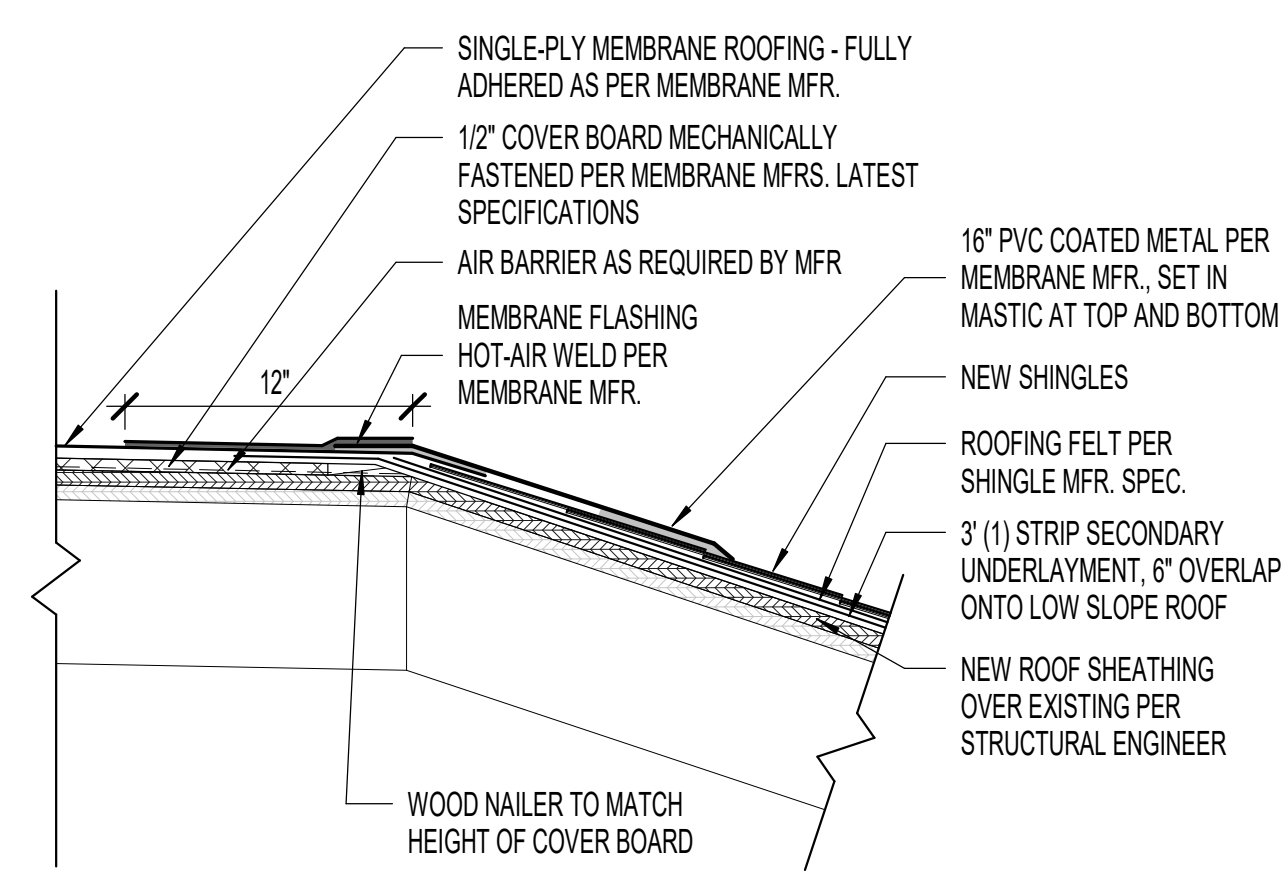
7 CURB DETAIL @ MECHANICAL UNIT - CONCRETE DECK
SCALE: 1 1/2" = 1'-0"



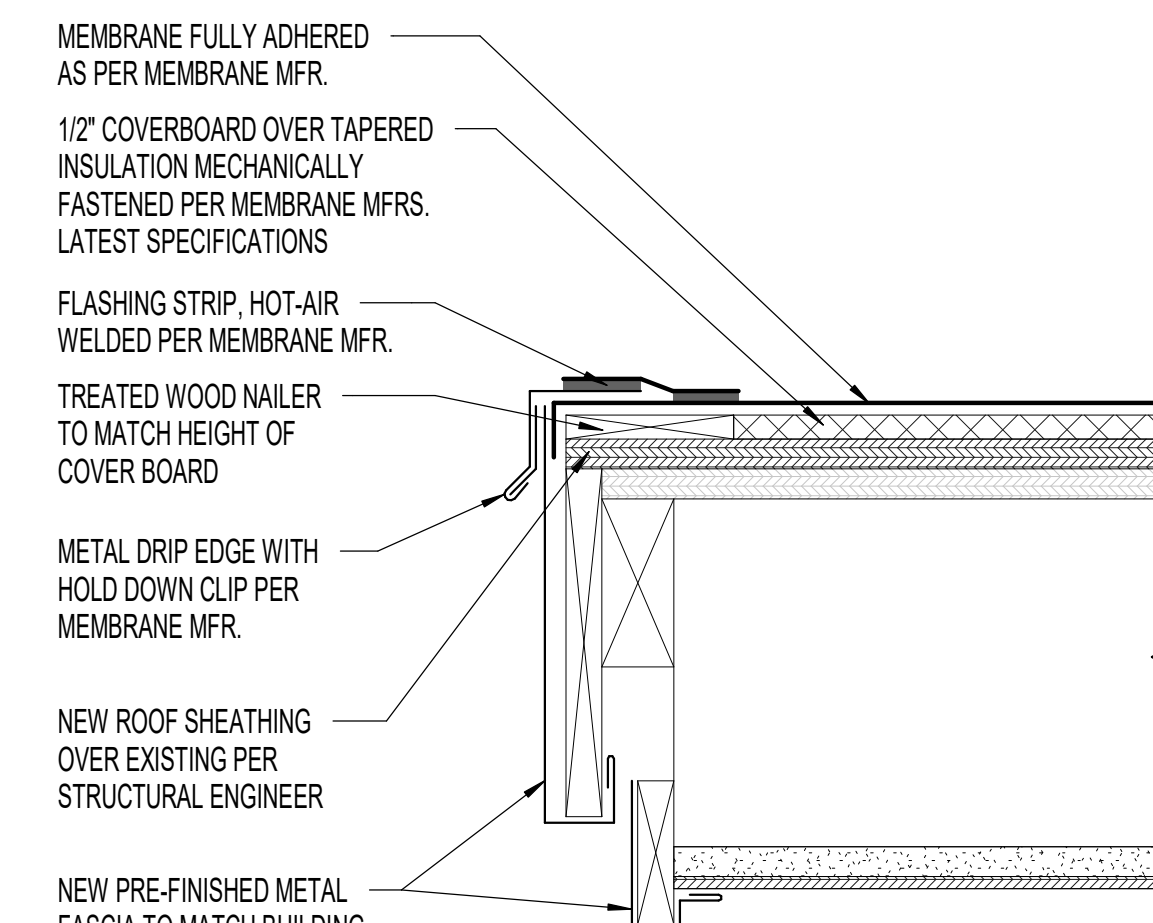
8 CURB DETAIL @ MECHANICAL UNIT - PLYWOOD DECK
SCALE: 1 1/2" = 1'-0"



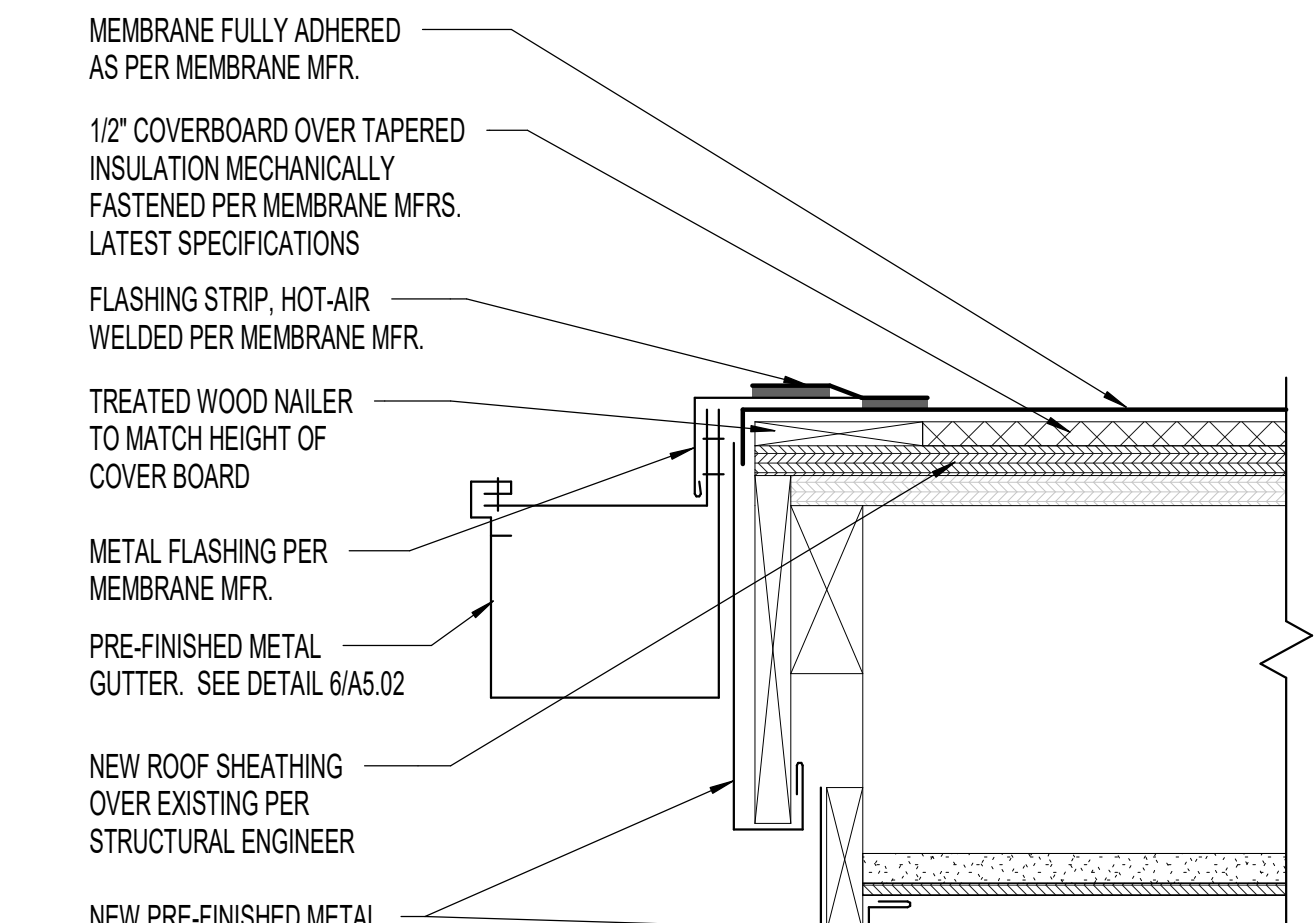
9 HIGH SLOPE TO LOW SLOPE TRANSITION - CONCRETE DECK
SCALE: 1 1/2" = 1'-0"



10 HIGH SLOPE TO LOW SLOPE TRANSITION - PLYWOOD DECK
SCALE: 1 1/2" = 1'-0"



11 TYP. FASCIA DETAIL W/ DRIP EDGE - LOW SLOPE
SCALE: 3" = 1'-0"

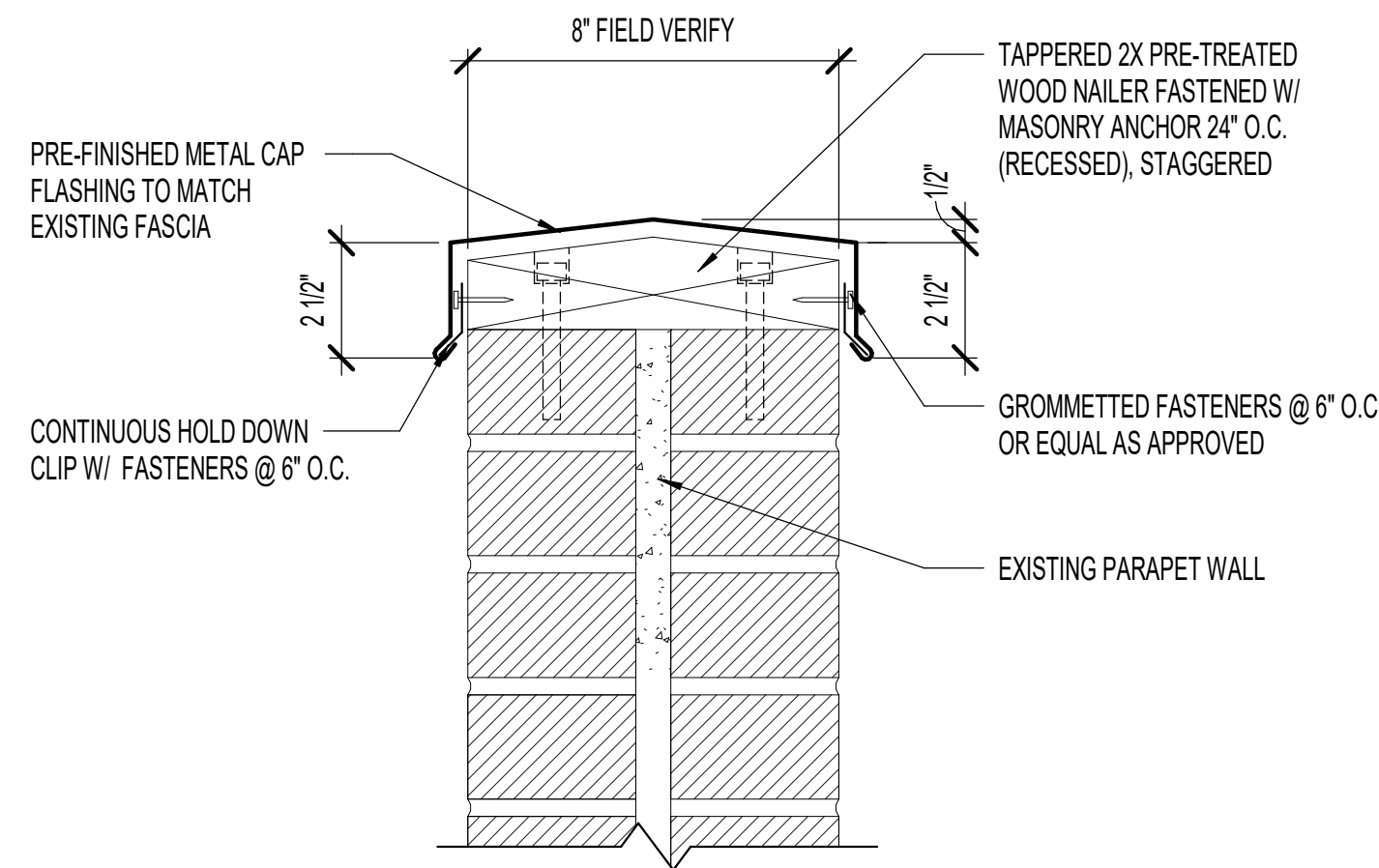


12 TYP. FASCIA DETAIL W/ GUTTER - LOW SLOPE
SCALE: 3" = 1'-0"

REVISIONS	DATE	DESCRIPTION

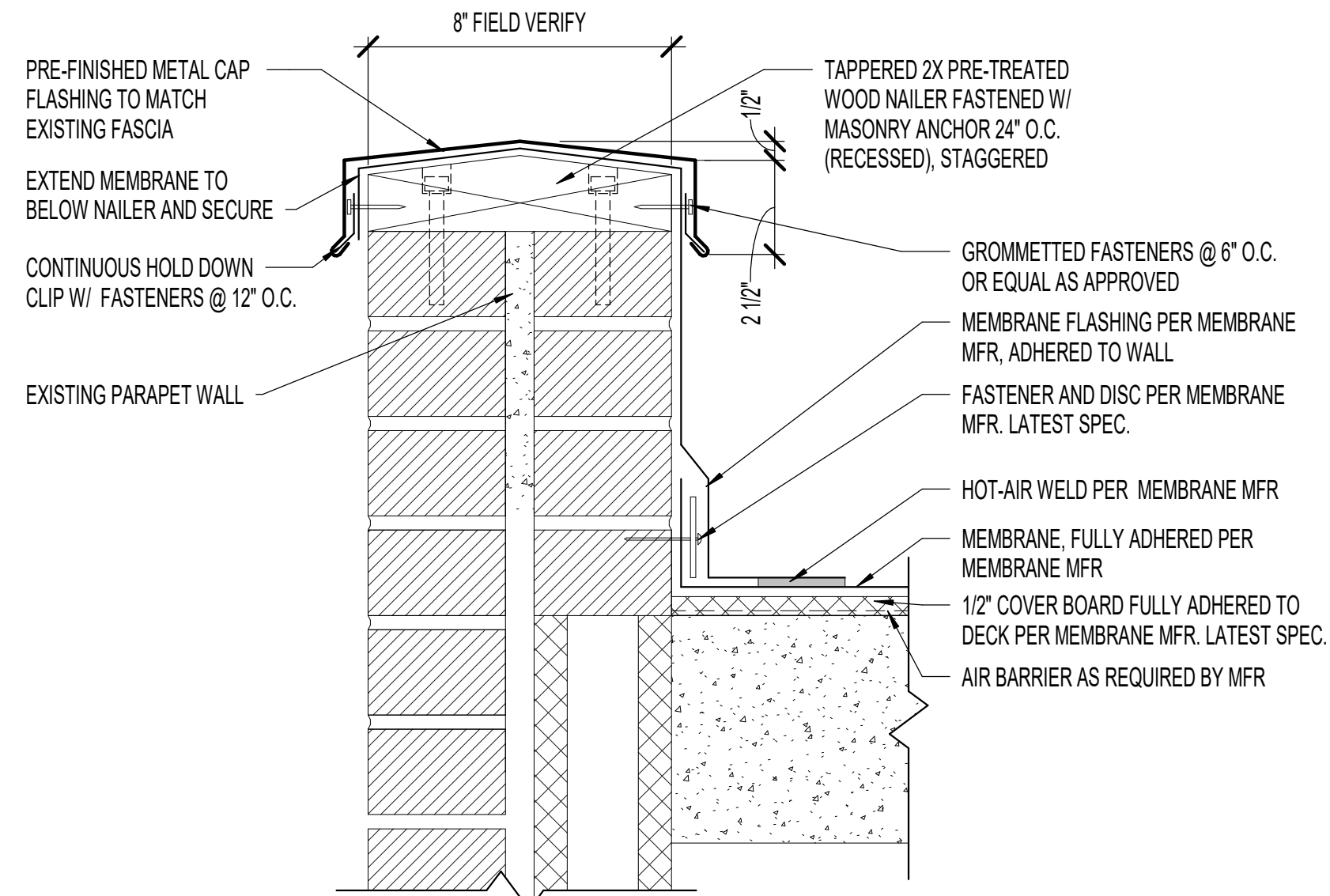
PROJECT NO. 17675
DRAWN BY DTS
CHECKED BY CEG
DATE MARCH 2019
PROP. NO. 511-5876

S:\2017Files\17675\Consulting\Prod Dwg\17675 - Bountiful 7, 15 Model.rvt



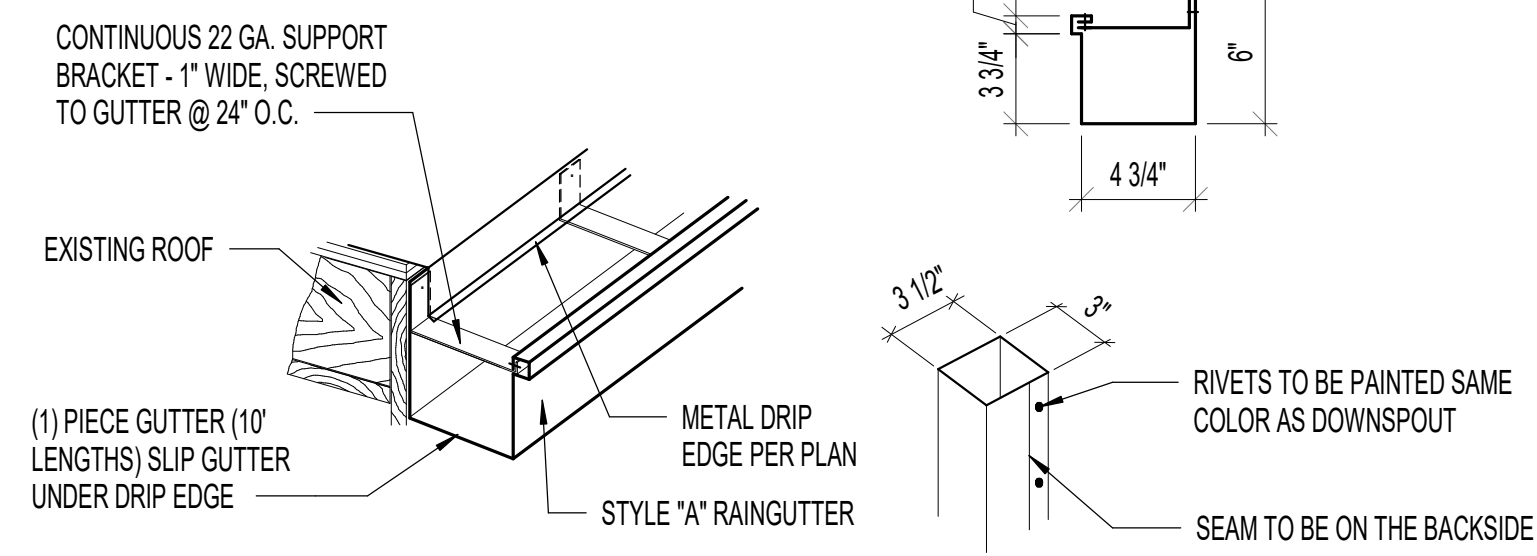
1 PARAPET WALL CAP DETAIL

SCALE: 3" = 1'-0"



2 PARAPET WALL CAP @ LOW SLOPE ROOF

SCALE: 3" = 1'-0"

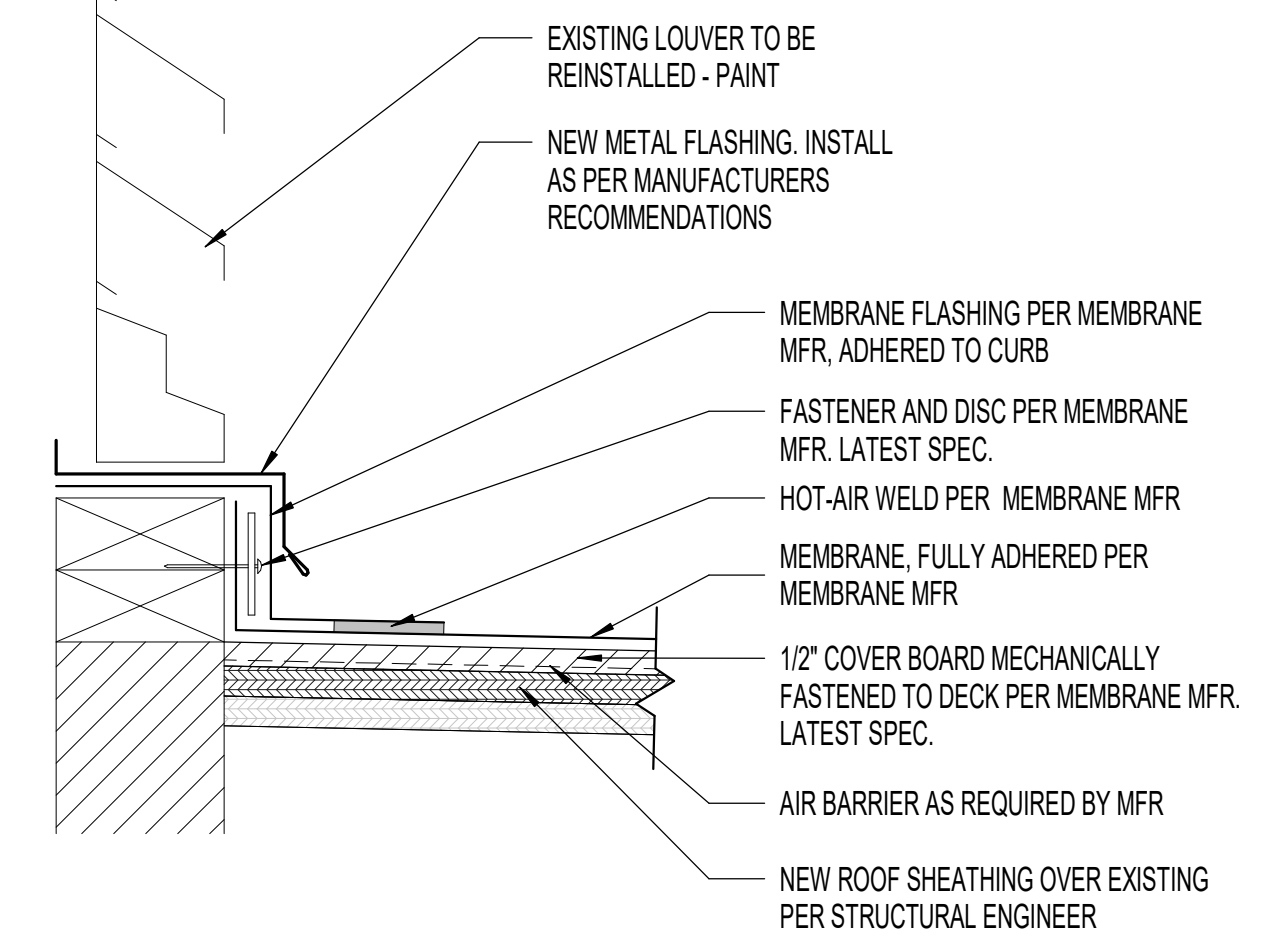


NOTE:

- NO JOINTS ABOVE ENTRY DOORS
- RIVETS & SCREWS TO BE PAINTED SAME COLOR
- USE POP RIVETS AT ALL CONNECTIONS FROM RAINGUTTERS TO DOWNSPOUTS
- CAULKING TO BE SAME COLOR AS SHEET METAL
- EXPANSION JOINTS IN GUTTER EVERY 50 FEET (MAX.)

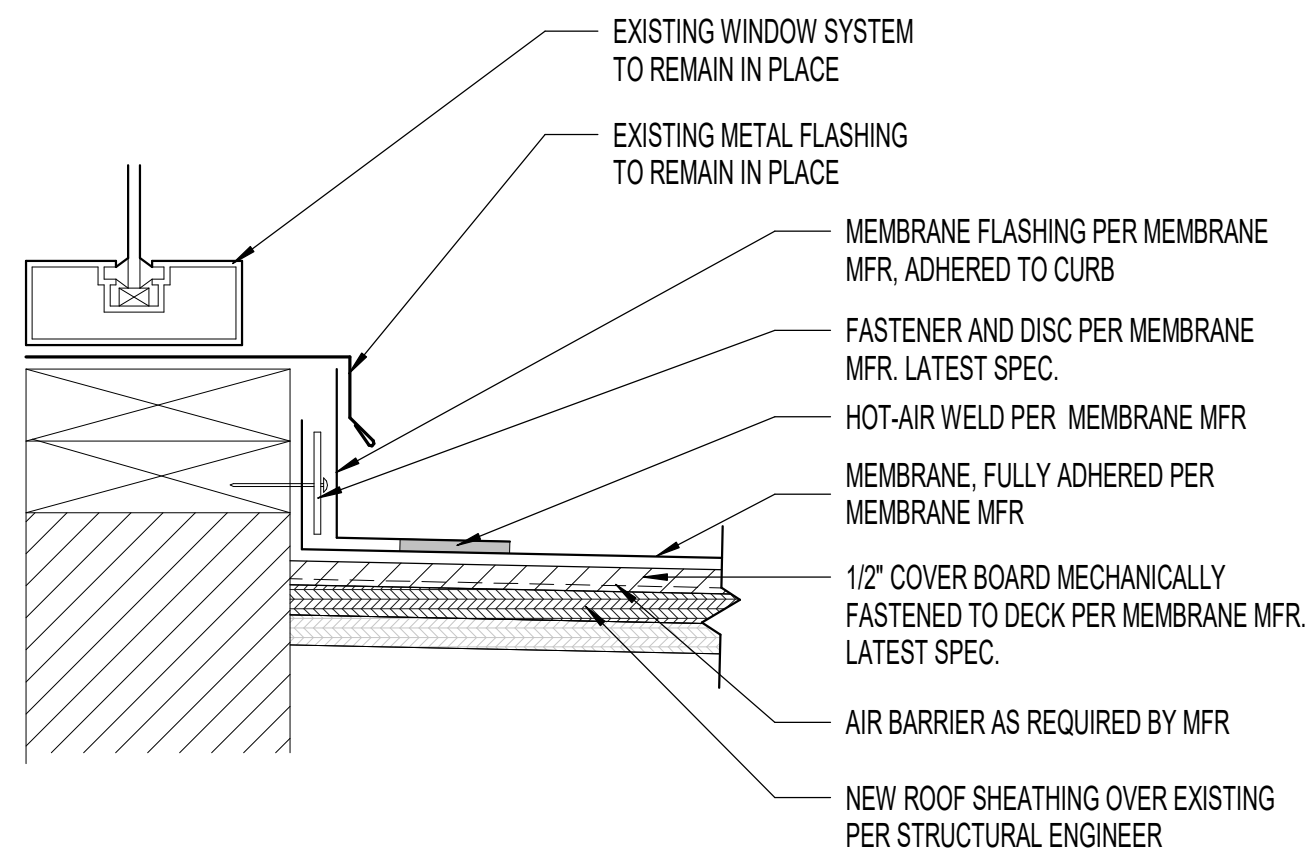
3 GUTTER & DOWNSPOUT DETAIL - LOW SLOPE

SCALE: 1 1/2" = 1'-0"



4 LOUVER FLASHING DETAIL

SCALE: 3" = 1'-0"



5 WINDOW FLASHING DETAIL

SCALE: 3" = 1'-0"

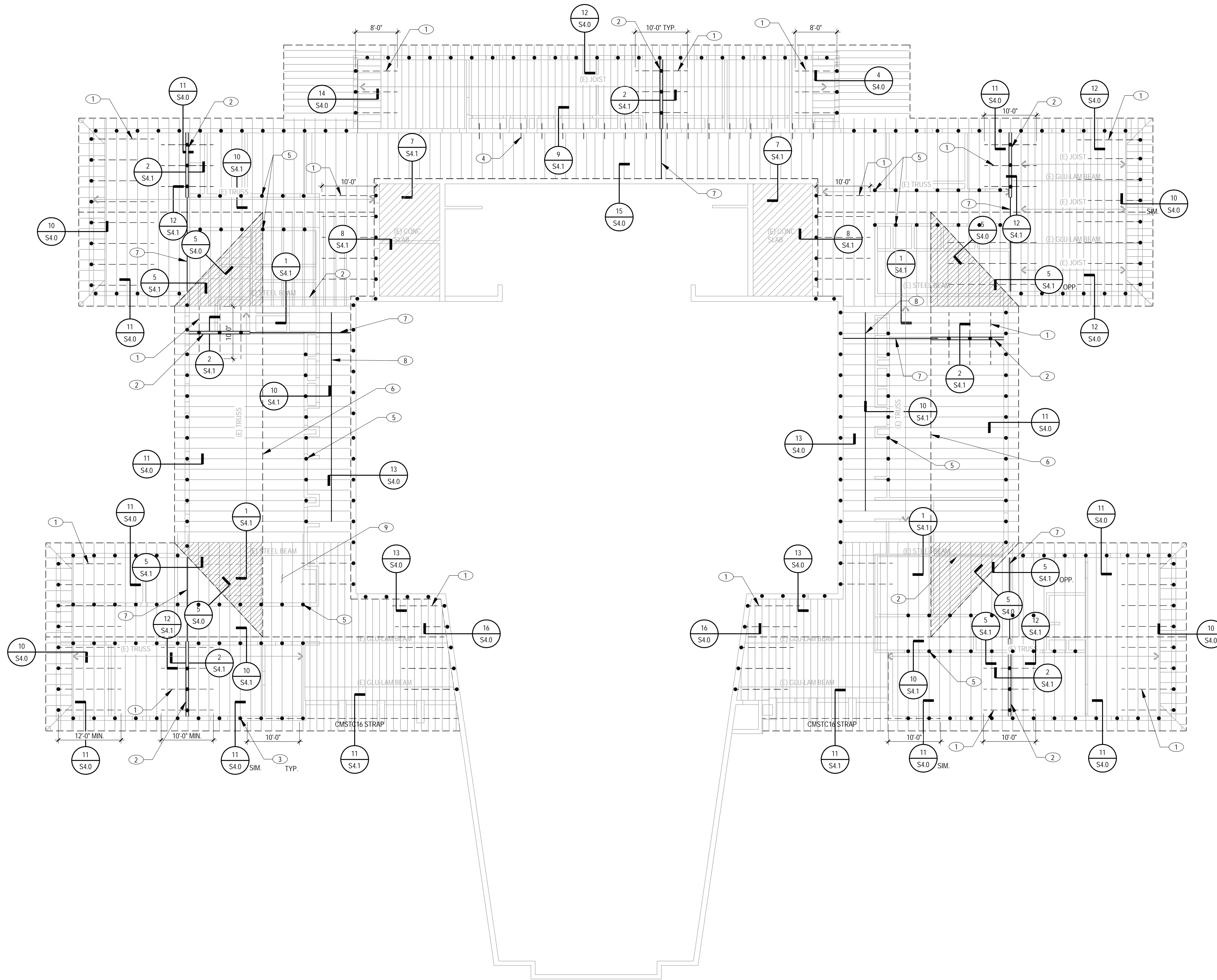
REVISIONS	DATE	DESCRIPTION

PROJECT NO.	17675
DRAWN BY	DTS
CHECKED BY	CEG
DATE	MARCH 2019
PROP. NO.	511-5876

LOW SLOPE ROOF DETAILS

S:\2017Files\17675\Consulting\Prod Dwg\17675 - Bountiful 7, 15 Model.rvt

C:\Users\Dustin\Webb\AppData\Local\Microsoft\Windows\Content.Outlook\GJ3B1G1T\Title Block.rvt



LOWER ROOF UPGRADE PLAN SCALE: 3/32"=1'-0"

PLAN NOTES:

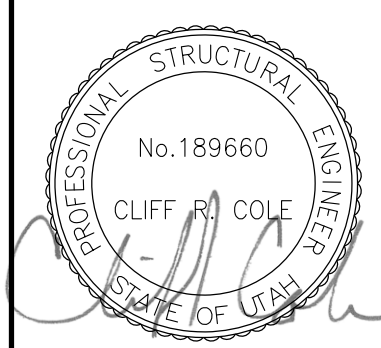
- A. VERIFY NAILING OF ENTIRE ROOF DIAPHRAGM. DO NOT MIX STAPLES AND NAILS. IF (E) SHEATHING IS ATTACHED WITH STAPLES, EITHER VERIFY STAPLES COMPLY WITH REQUIRED SPACING IN TABLE OF EQUIVALENT FASTENERS OR RE-NAIL DIAPHRAGM WITH NAILS CALLED OUT IN SCHEDULE ON SHEET S12
- B. FOR BIDDING PURPOSES ITEMS IN CONSTRUCTION DOCUMENTS THAT ARE PRECEDED WITH A (E) ARE ASSUMED TO BE EXISTING AND ALL OTHERS ARE TO BE ASSUMED TO BE NEW
- C. WD-# REPRESENTS THE WOOD DIAPHRAGM CALL OUT. SEE WOOD DIAPHRAGM KEY PLAN
- D. THIS MARK INDICATES APPROXIMATE LOCATION OF OUT-OF-PLANE CONNECTION. CONTRACTOR TO LOCATE EXACT LOCATIONS BASED ON FRAMING LAYOUT. SPACING IN SPECIFIC DETAILS
- E. CONTRACTOR TO ANTICIPATE REMOVING A MINIMUM OF 4 FT SECTION OF ROOF SHEATHING ABOVE ALL MASONRY WALLS WHERE ADDITIONAL SEISMIC CONNECTIONS ARE BEING MADE. REPLACE SHEATHING WITH MATCHING SHEATHING, PER DETAIL 3S3.0
- F. HATCHED AREA OUTLINES OVER-BUILD LOCATIONS. SEE DETAIL 9S4.0
- G. ALL REFERENCES TO CONSTRUCTION ADHESIVE REFER TO THE FOLLOWING: 3M5200 MARINE ADHESIVE MANUFACTURED BY 3M

WHERE DETAILS INDICATE A 3/8" DIAMETER BEAD OF CONSTRUCTION ADHESIVE, THE 3/8" IS BEFORE THE TWO MEMBERS ARE PRESSED TOGETHER. AFTER THE MEMBERS BEING CONNECTED ARE PRESSED TOGETHER, THE WIDTH OF THE GLUE SHOULD BE NO LESS THEN 1" WIDE. GLUE SHOULD EXTEND THE FULL LENGTH OF THE SHORTEST CONNECTING MEMBER. GLUING PROCEDURES FOUND TO NOT COMPLY WITH THE INSTRUCTIONS ABOVE WILL REQUIRE CONTRACTOR TO DEMO THE DEFICIENT MEMBER AT THEIR EXPENSE, AND REPLACE USING THE PROPER GLUING PROCEDURES.

PLAN KEYNOTES:

- 1. --- CMSTC16 SUB-DIAPHRAGM STRAP @ 48" O.C. TYP. END LENGTH- 20". NAIL EVERY HOLE IN END LENGTH AND EVERY OTHER HOLE THERE AFTER LENGTH SHOWN ON PLANS
- 2. (E) MASONRY SHEAR WALL
- 3. • OUT-OF-PLANE ROOF TO WALL CONN. @ 48" O.C. TYP. SEE DETAILS FOR ADDITIONAL INFORMATION
- 4. --- SIMPSON CMSTC16x48" STRAP @ 48" O.C. OVER BEAM. PROVIDE BLOCKING BELOW STRAPS WIT 3/8" BEAD OF CONSTRUCTION ADHESIVE AND (6) 10d NAILS MIN.
- 5. OUT-OF-PLANE CORRIDOR WALL CONNECTION, SEE DETAIL 10S4.1
- 6. PROVIDE BOUNDARY NAILING @ EXISTING BLOCKING
- 7. 2x6 FLAT PLATE DRAG WITH 2x4 SUPPORTS @ 48" O.C. SEE DETAIL 12S4.1 FOR TYPICAL DRAG CONNECTION. FRAMING AT EACH CONDITION MAY DIFFER SLIGHTLY ADJUST ACCORDINGLY. PROVIDE CMSTC16 STRAP AT SPLICE IN FLAT PLATE. LAP LENGTH 20" EACH SIDE OF SPLICE WITH 10d NAILS EACH HOLE.
- 8. PROVIDE 2x4 RIBBON BRACING WITH (2) 16d NAILS EACH WEB MEMBER. LAP RIBBON BRACING ON TRUSS BAY MIN. RIBBON BRACING IS REQ'D ON THE FIRST DIAGONAL WEB MEMBER NEAREST THE GYMNASIUM WALL.
- 9. PROVIDE SIMPSON HS CLIP FROM THE EXISTING 2x FURRING STRIPS TO THE TRUSS BOTTOM CHORD. TYPICAL AT ALL TRUSSED LOCATIONS OF THE LOWER ROOF. SEE DETAILS 13S4.1 AND 14S4.1 FOR TYPICAL CONNECTION AND SPLICE.

MENEIL ENGINEERING
 Economic and Sustainable Designs, Professionals You Know and Trust
 8610 Birch Bay Parkway, Suite 300 Sandy, Utah 84070 801.665.7700 www.meneilengineering.com
 Civil Engineering • Consulting & Landscape Architecture
 Structural Engineering • Land Surveying & HGIS



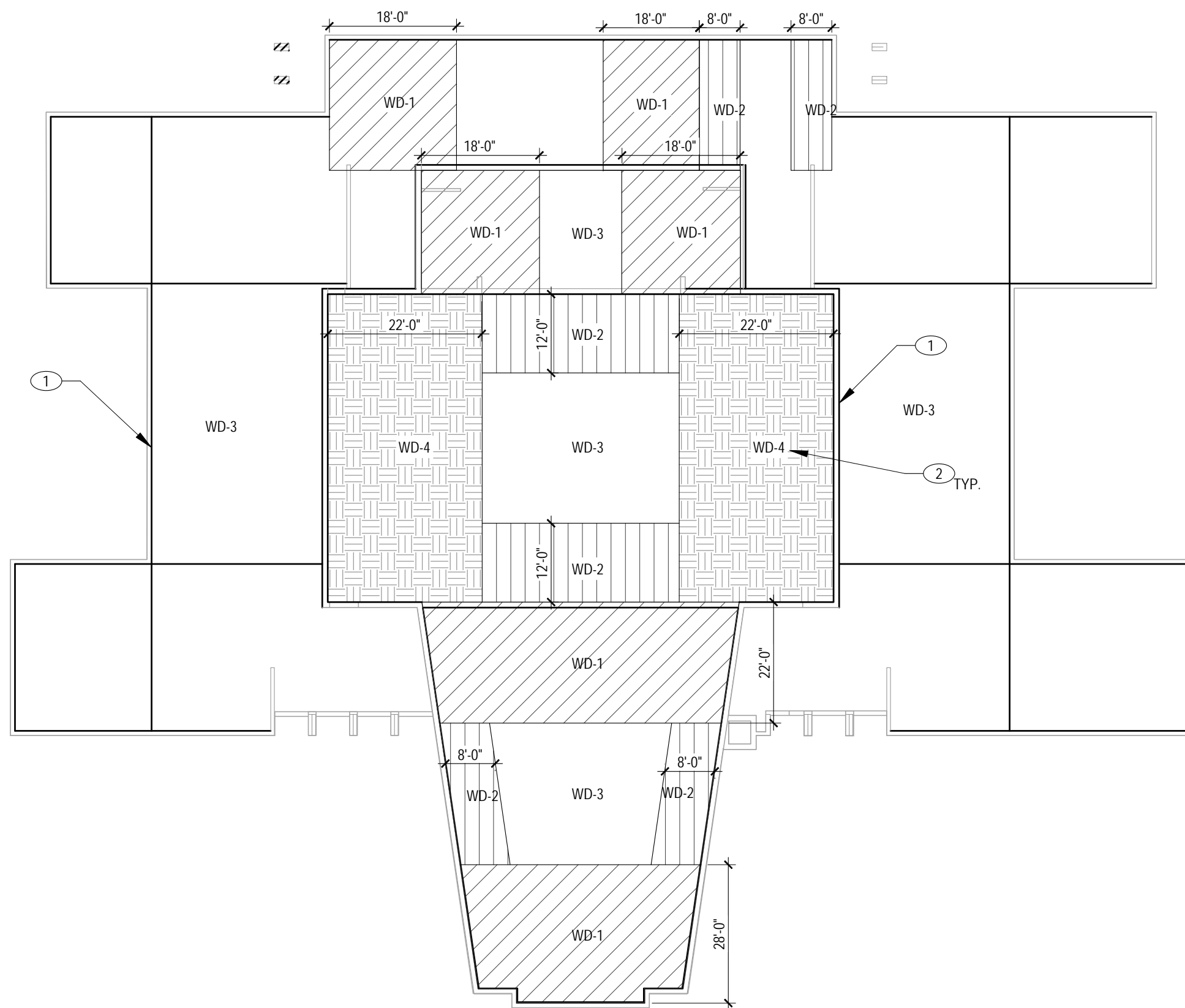
BOUNTIFUL 7, 15, & the Church of Jesus Christ of Latter-Day Saints
BOUNTIFUL UTAH SOUTH STAKE
1250 SOUTH MAIN STREET
BOUNTIFUL, UTAH

REVISIONS	DATE	DESCRIPTION

PROJECT NO. 19037
 DRAWN BY WCA
 CHECKED BY CC
 DATE 02/12/19
 PROP. NO. 5115876

LOWER ROOF UPGRADE PLAN

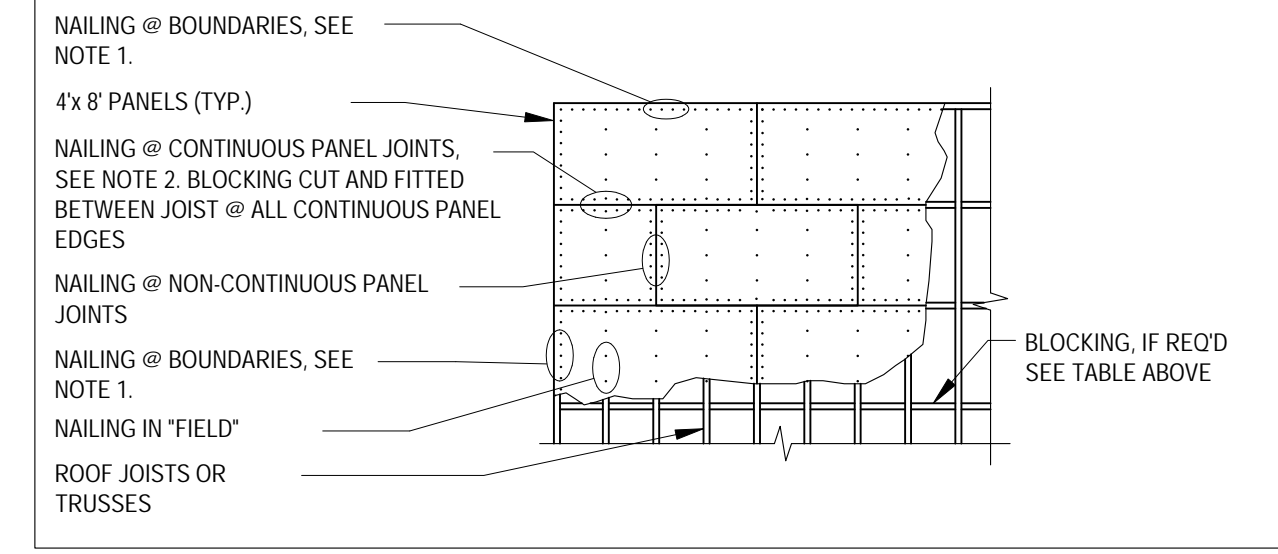
S2.0



WOOD DIAPHRAGM KEYPLAN SCALE: 3/32"=1'-0"

MARK	SHEATHING REQUIREMENT		NAILING REQUIREMENT				FIELD SPACING	BLOCKING REQD
	THICK	SPAN RATING	NAIL SIZE	BOUNDARY ELEMENTS	CONT. PANEL JOINTS	NON-CONT. PANEL JOINTS		
WD-1	(E) 5/8"	40/20	10d	2.5" O.C.	2.5" O.C.	4" O.C.	12" O.C.	YES
WD-2	(E) 5/8"	40/20	10d	6" O.C.	6" O.C.	6" O.C.	12" O.C.	YES
WD-3	(E) 5/8"	40/20	10d	6" O.C.	6" O.C.	6" O.C.	12" O.C.	NO
WD-4	(E) 5/8"	40/20	10d	4" O.C.	4" O.C.	6" O.C.	12" O.C.	YES

- BOUNDARIES EXIST AT ALL DIAPHRAGM-SHEAR WALL INTERFACES AND ALONG ALL STRUCTURAL ELEMENTS THAT TRANSFER DIAPHRAGM FORCES INTO THOSE WALLS.
- THIS JOINT DETERMINES IF THE DIAPHRAGM IS BLOCKED OR UNBLOCKED.
- SHEATHING ORIENTATION: LONG DIRECTION (STRONG AXIS) PERPENDICULAR TO FRAMING & SHORT DIRECTION (WEAK AXIS) PARALLEL TO FRAMING.
- SPECIFIED NAILS ARE COMMON AND SHALL CORRESPOND TO THE FOLLOWING DIAMETERS AND LENGTHS: (10d-0.148"Ø & 3" LONG; 8d-0.131"Ø & 2-1/2" LONG). OTHERWISE CONTACT EOR. USING NAILS OTHER THAN THOSE SPECIFIED MAY RESULT IN THE DEMOLITION OF WORK AND FRAMING TO BE REPLACED.



DIAPHRAGM KEYPLAN KEYNOTES

- DIAPHRAGM BOUNDARY NAILING REQD. AT LOCATIONS INDICATED BY THIS LINE
- WD-# REPRESENTS THE A DIAPHRAGM TYPE. SEE PLAN AND SCHEDULE FOR SHEATHING CALL OUT, NAILING, AND BLOCKING REQUIREMENTS.

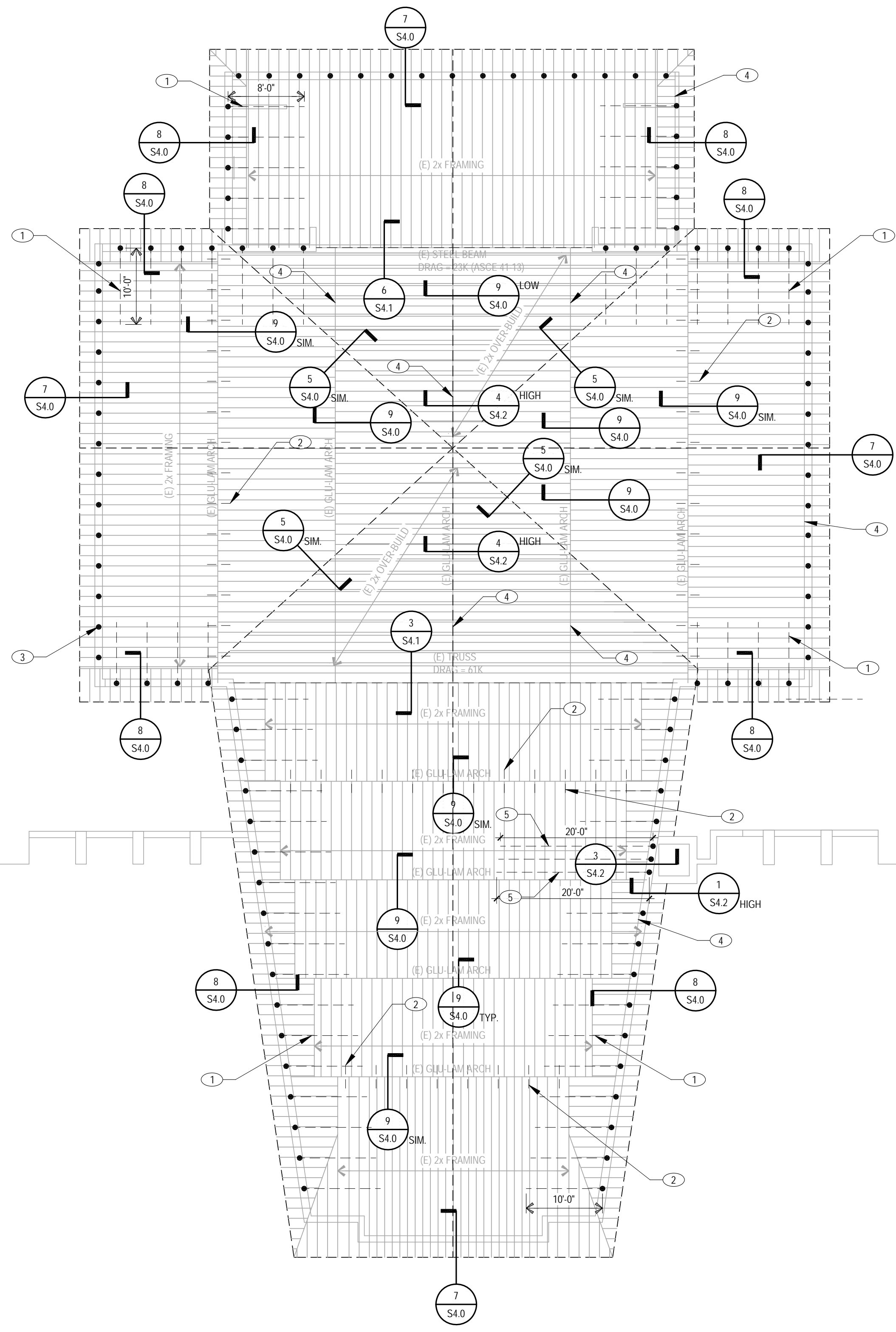
NOTE: SHEATHING REMOVED FOR THE INSTALLATION OF STRUCTURAL SEISMIC COMPONENTS TO BE REPLACED WITH SHEATHING TO MATCH THE EXISTING PER DETAIL 3/54.0 FOR NAILING PATTERN SEE KEYPLAN AND SCHEDULE

PLAN KEYNOTES:

- CMSTC16 SUB-DIAPHRAGM STRAP @ 48" O.C. TYP. END LENGTH= 20". NAIL EVERY HOLE IN END LENGTH AND EVERY OTHER HOLE THERE AFTER. LENGTH SHOWN ON PLANS
- SIMPSON CMSTC16x48" STRAP @ 48" O.C. OVER BEAM. PROVIDE BLOCKING BELOW STRAPS WIT 3/8" BEAD OF CONSTRUCTION ADHESIVE AND (6) 10d NAILS MIN.
- OUT-OF-PLANE ROOF TO WALL CONN. @ 48" O.C. TYP. SEE DETAILS FOR ADDITIONAL INFORMATION
- (E) PONY WALL ABOVE (E) GLUED LAMINATED BEAM
- SIMPSON CMST14 STRAP NAIL EACH HOLE. PROVIDE ONE EACH END OF SPIRE AND WHEN AT CENTER. LAP LENGTH = 30" MIN

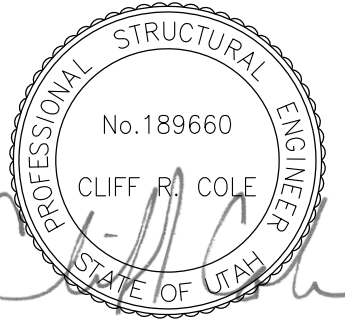
PLAN NOTES:

- VERIFY NAILING OF ENTIRE ROOF DIAPHRAGM. DO NOT MIX STAPLES AND NAILS. IF (E) SHEATHING IS ATTACHED WITH STAPLES, EITHER VERIFY STAPLES COMPLY WITH REQUIRED SPACING IN TABLE OF EQUIVALENT FASTENERS OR RE-NAIL DIAPHRAGM WITH NAILS CALLED OUT IN SCHEDULE ON SHEET S1.2
- FOR BIDDING PURPOSES ITEMS IN CONSTRUCTION DOCUMENTS THAT ARE PROCEEDED WITH A (E) ARE ASSUMED TO BE EXISTING AND ALL OTHERS ARE TO BE ASSUMED TO BE NEW
- WD-# REPRESENTS THE WOOD DIAPHRAGM CALL OUT. SEE WOOD DIAPHRAGM KEY PLAN
- THIS MARK INDICATES APPROXIMATE LOCATION OF OUT-OF-PLANE CONNECTION. CONTRACTOR TO LOCATE EXACT LOCATIONS BASED ON FRAMING LAYOUT. SPACING IN SPECIFIC DETAILS
- CONTRACTOR TO ANTICIPATE REMOVING A MINIMUM OF 4 FT SECTION OF ROOF SHEATHING ABOVE ALL MASONRY WALLS WHERE ADDITIONAL SEISMIC CONNECTIONS ARE BEING MADE. REPLACE SHEETING WITH MATCHING SHEETING, PER DETAIL 3/54.0



UPPER ROOF UPGRADE PLAN SCALE: 3/32"=1'-0"

MENEIL ENGINEERING
 Economic and Sustainable Designs, Professionals You Know and Trust
 8610 Birch Bay Parkway, Suite 300 Sandy, Utah 84070 801.667.7700 meneilengineering.com
 Civil Engineering • Consulting & Landscape Architecture
 Structural Engineering • Land Surveying & HUB



BOUNTIFUL 7, 15, &
the Church of Jesus Christ of Latter-Day Saints
BOUNTIFUL UTAH SOUTH STAKE
1250 SOUTH MAIN STREET
BOUNTIFUL, UTAH

REVISIONS	DATE	DESCRIPTION

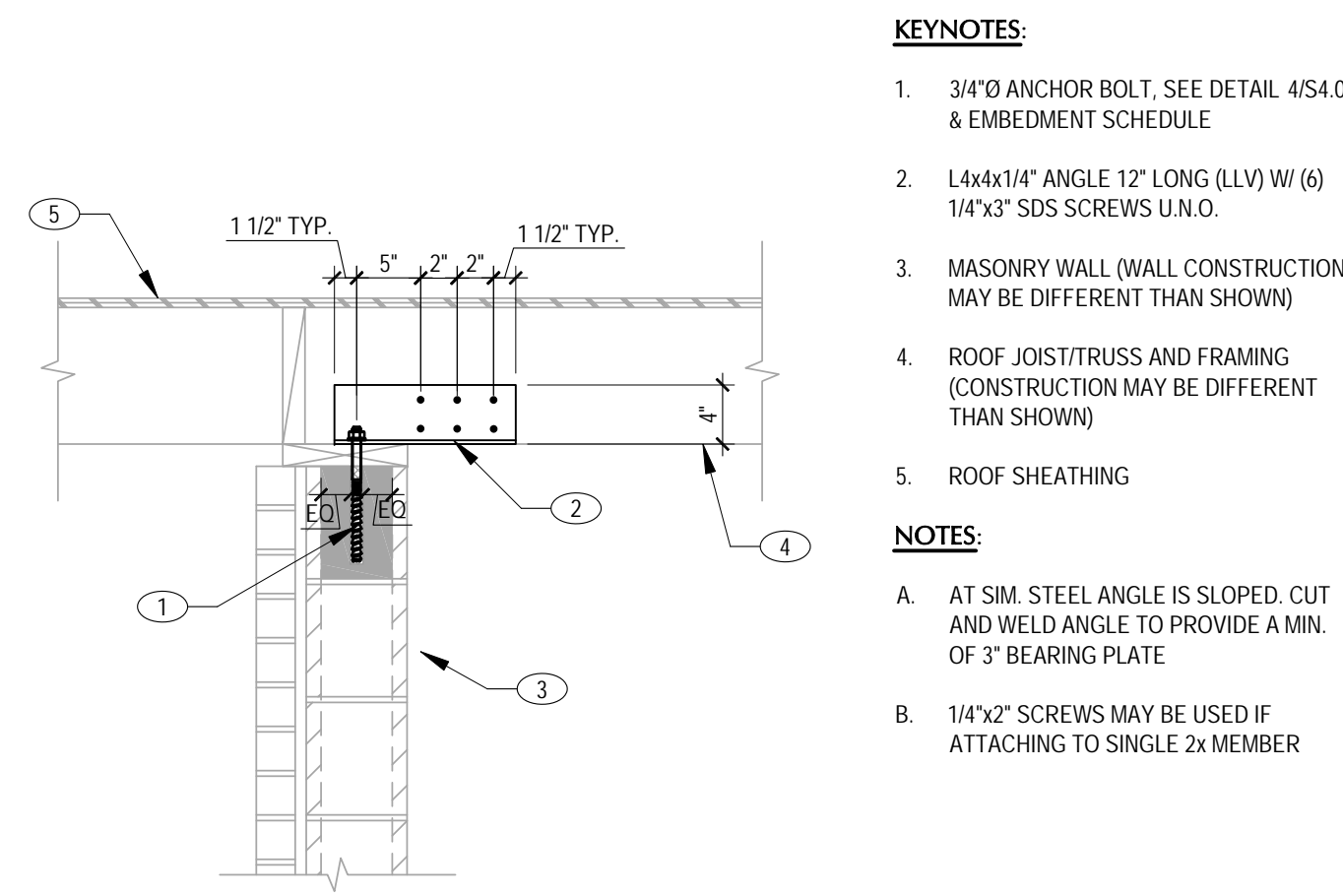
PROJECT NO. 19037
 DRAWN BY WCA
 CHECKED BY CC
 DATE 02/12/19
 PROP. NO. 5115876

UPPER ROOF UPGRADE PLAN

S3.0

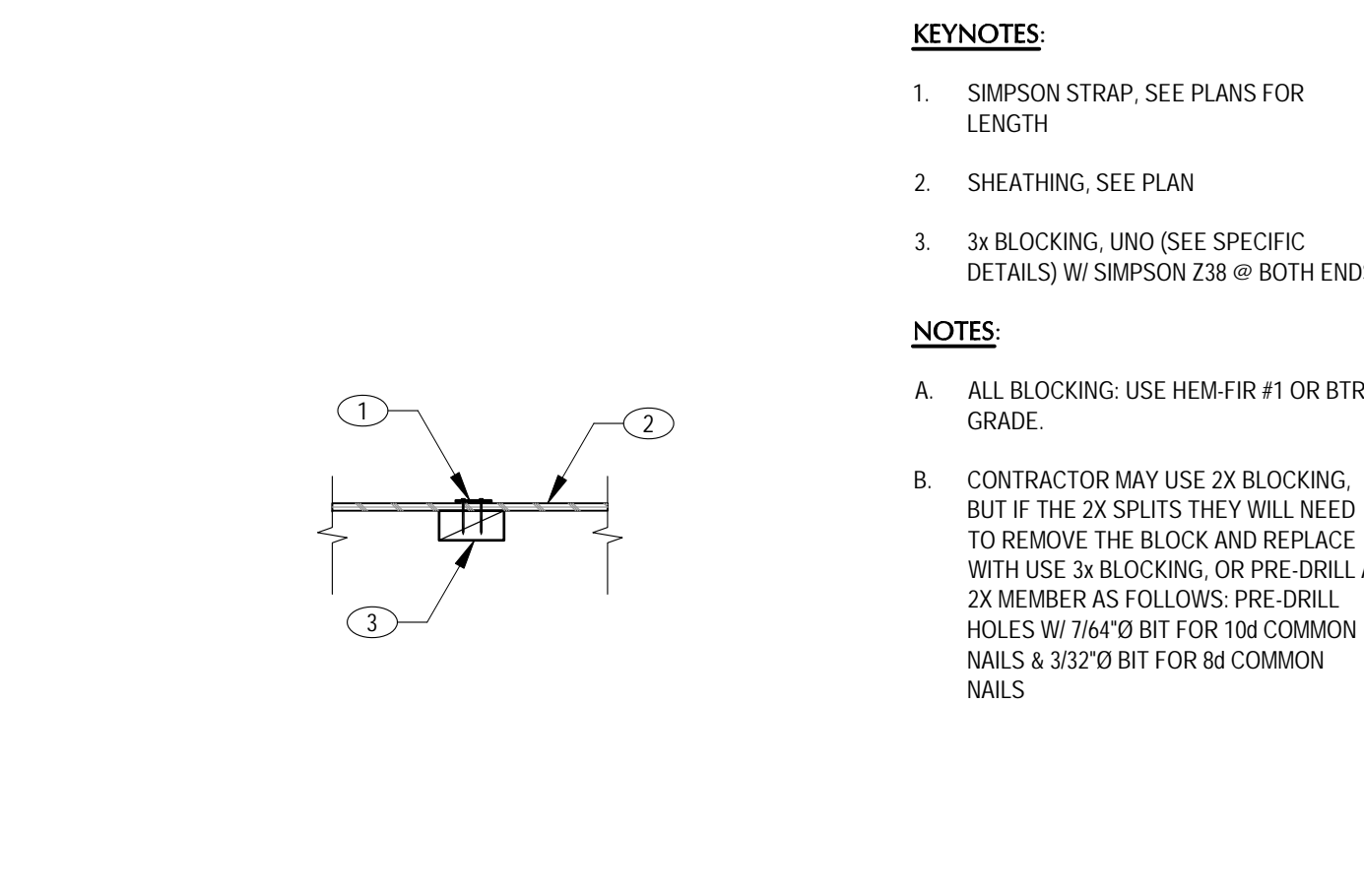
C:\Users\Dustin\Webb\AppData\Local\Microsoft\Windows\NetCache\Content.Outlook\GJ5B1G1T\Title Block.rvt

C:\Users\Dustin\Webb\ApopData\Local\Microsoft\Windows\Content.Outlook\GJ5B1G1T\Title Block.rvt



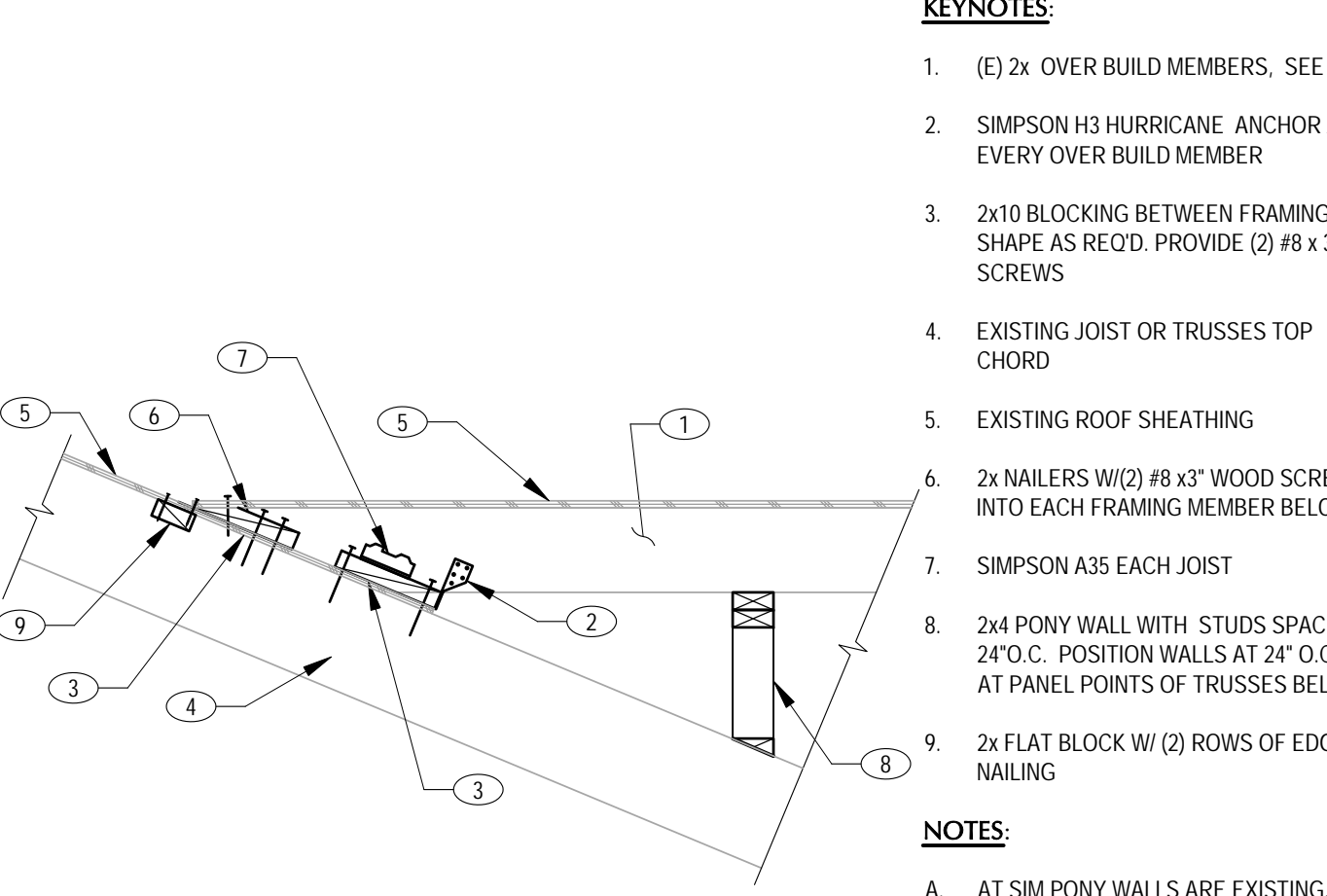
1 TYPICAL ANGLE DETAIL
S4.0 NO SCALE

- KEYNOTES:**
- 3/4"Ø ANCHOR BOLT. SEE DETAIL 4/S4.0 & EMBEDMENT SCHEDULE
 - L4x4x1/4" ANGLE 12" LONG (LV) W/ (6) 1/4"x3" SDS SCREWS U.N.O.
 - MASONRY WALL (WALL CONSTRUCTION MAY BE DIFFERENT THAN SHOWN)
 - ROOF JOIST/TRUSS AND FRAMING (CONSTRUCTION MAY BE DIFFERENT THAN SHOWN)
 - ROOF SHEATHING
- NOTES:**
- AT SIM. STEEL ANGLE IS SLOPED, CUT AND WELD ANGLE TO PROVIDE A MIN. OF 3" BEARING PLATE
 - 1/4"x2" SCREWS MAY BE USED IF ATTACHING TO SINGLE 2x MEMBER



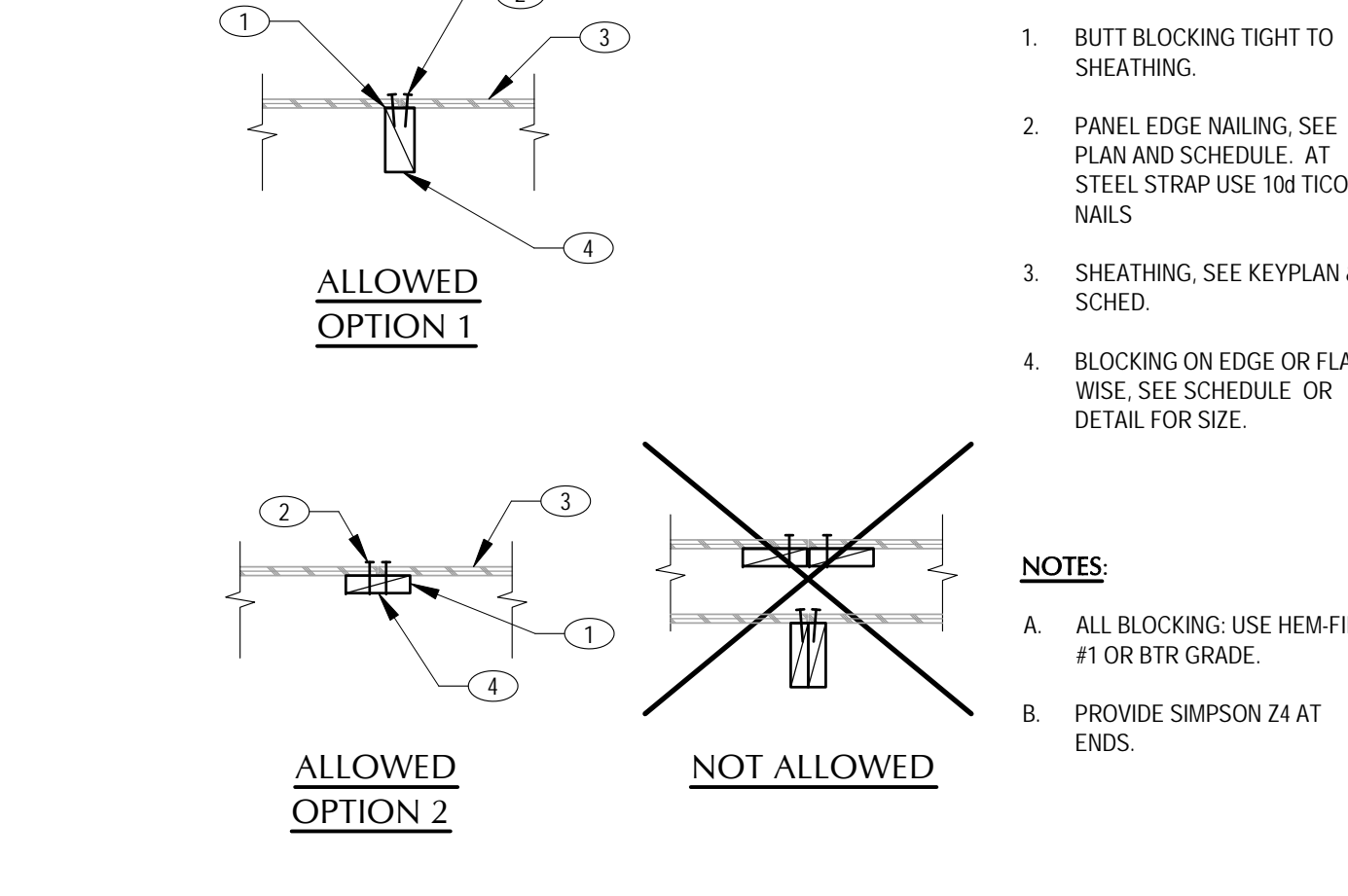
2 TYPICAL STEEL STRAPPING
S4.0 NO SCALE

- KEYNOTES:**
- SIMPSON STRAP. SEE PLANS FOR LENGTH
 - SHEATHING. SEE PLAN
 - 3x BLOCKING. UNO (SEE SPECIFIC DETAILS) W/ SIMPSON Z38 @ BOTH ENDS
- NOTES:**
- ALL BLOCKING: USE HEM-FIR #1 OR BTR GRADE.
 - CONTRACTOR MAY USE 2x BLOCKING, BUT IF THE 2x SPLITS THEY WILL NEED TO REMOVE THE BLOCK AND REPLACE WITH USE 3x BLOCKING, OR PRE-DRILL A 2x MEMBER AS FOLLOWS: PRE-DRILL HOLES W/ 7/64"Ø BIT FOR 10d COMMON NAILS & 3/32"Ø BIT FOR 8d COMMON NAILS



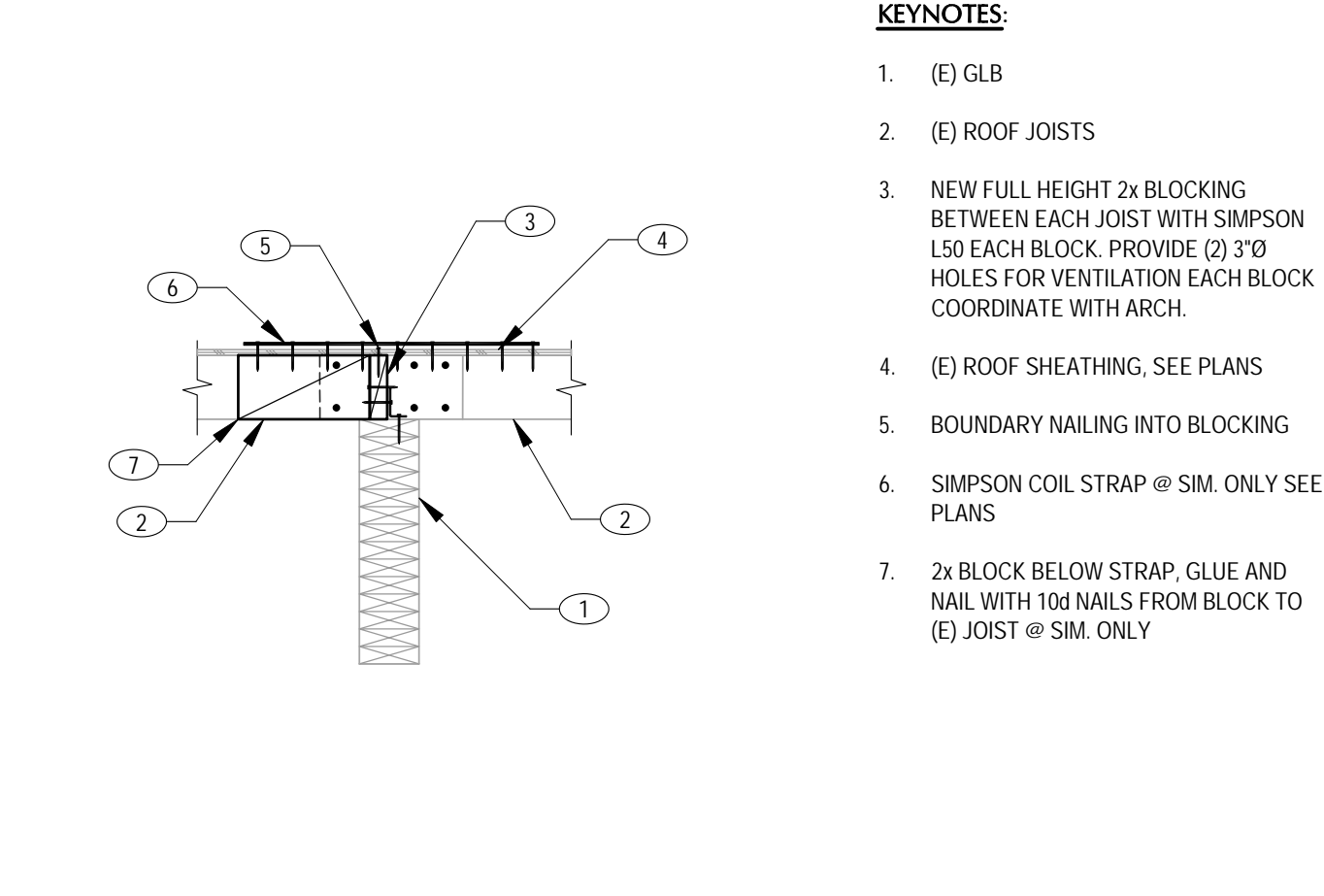
5 TYPICAL OVERBUILD DETAIL
S4.0 NO SCALE

- KEYNOTES:**
- (E) 2x OVER BUILD MEMBERS. SEE PLAN
 - SIMPSON H3 HURRICANE ANCHOR AT EVERY OVER BUILD MEMBER
 - 2x10 BLOCKING BETWEEN FRAMING. SHAPE AS REQ'D. PROVIDE (2) #8 x 3" SCREWS
 - EXISTING JOIST OR TRUSSES TOP CHORD
 - EXISTING ROOF SHEATHING
 - 2x NAILERS W/ (2) #8 x3" WOOD SCREWS INTO EACH FRAMING MEMBER BELOW
 - SIMPSON A35 EACH JOIST
 - 2x4 PONY WALL WITH STUDS SPACED AT 24" O.C. POSITION WALLS AT 24" O.C. OR AT PANEL POINTS OF TRUSSES BELOW.
 - 2x FLAT BLOCK W/ (2) ROWS OF EDGE NAILING
- NOTES:**
- AT SIM PONY WALLS ARE EXISTING.



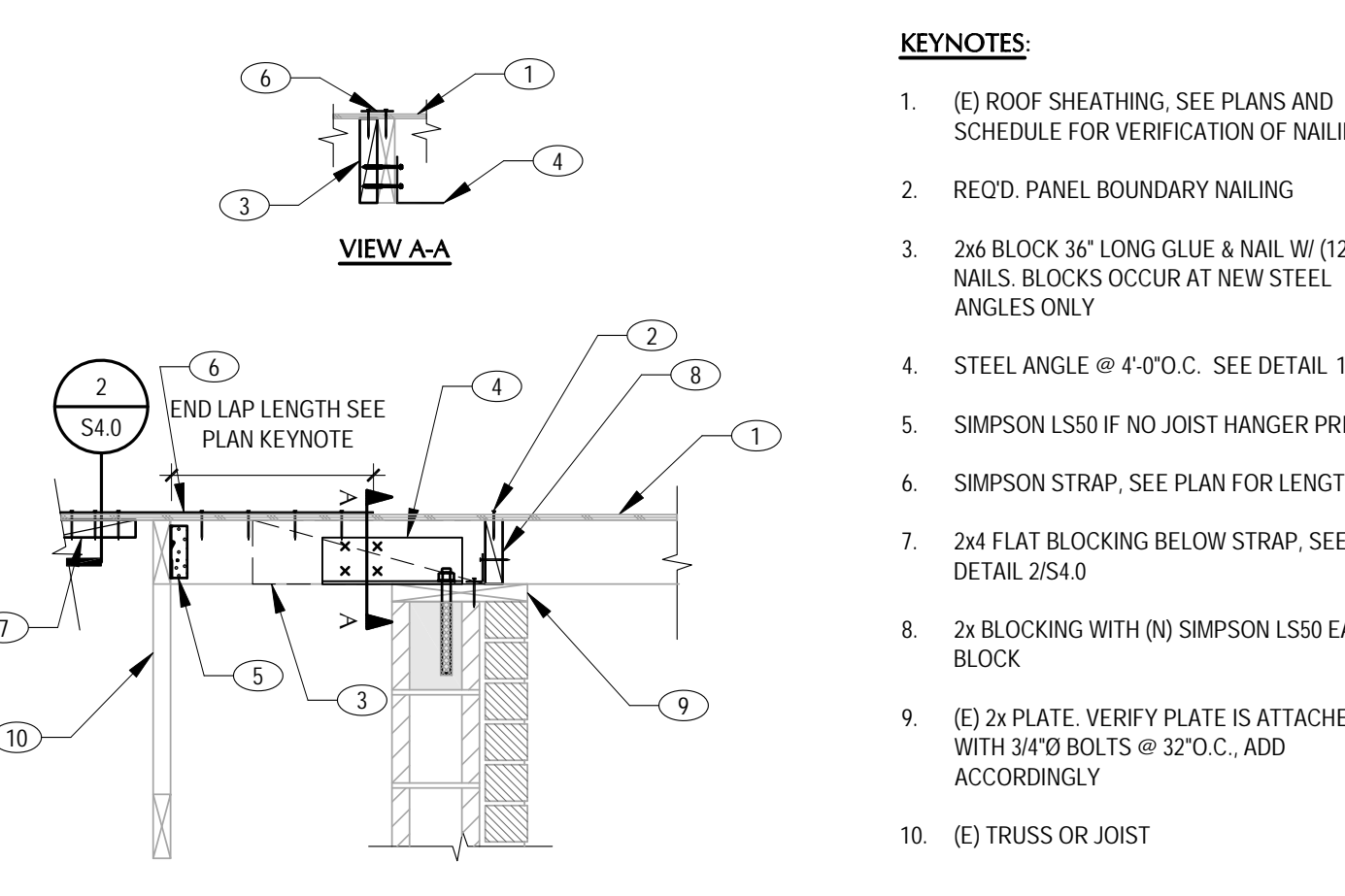
6 TYP. DIAPHRAGM BLOCKING DETAIL
S4.0 NO SCALE

- KEYNOTES:**
- BUTT BLOCKING TIGHT TO SHEATHING.
 - PANEL EDGE NAILING. SEE PLAN AND SCHEDULE. AT STEEL STRAP USE 10d TICO NAILS
 - SHEATHING. SEE KEYPLAN & SCHED.
 - BLOCKING ON EDGE OR FLAT WISE. SEE SCHEDULE OR DETAIL FOR SIZE.
- NOTES:**
- ALL BLOCKING: USE HEM-FIR #1 OR BTR GRADE.
 - PROVIDE SIMPSON Z4 AT ENDS.



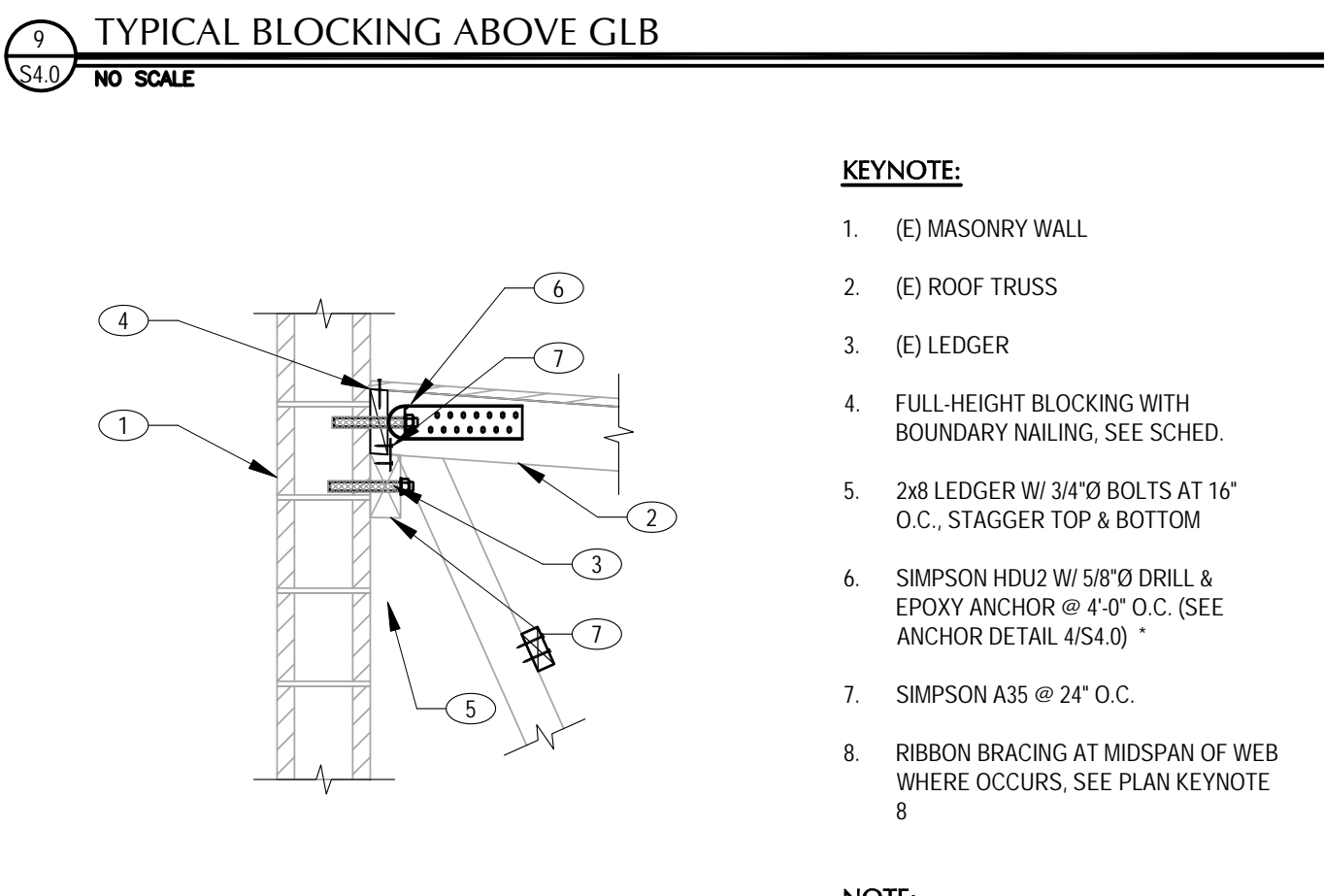
9 TYPICAL BLOCKING ABOVE GLB
S4.0 NO SCALE

- KEYNOTES:**
- (E) GLB
 - (E) ROOF JOISTS
 - NEW FULL HEIGHT 2x BLOCKING BETWEEN EACH JOIST WITH SIMPSON L50 EACH BLOCK. PROVIDE (2) 3"Ø HOLES FOR VENTILATION EACH BLOCK COORDINATE WITH ARCH.
 - (E) ROOF SHEATHING. SEE PLANS
 - BOUNDARY NAILING INTO BLOCKING
 - SIMPSON COIL STRAP @ SIM. ONLY SEE PLANS
 - 2x BLOCK BELOW STRAP. GLUE AND NAIL WITH 10d NAILS FROM BLOCK TO (E) JOIST @ SIM. ONLY



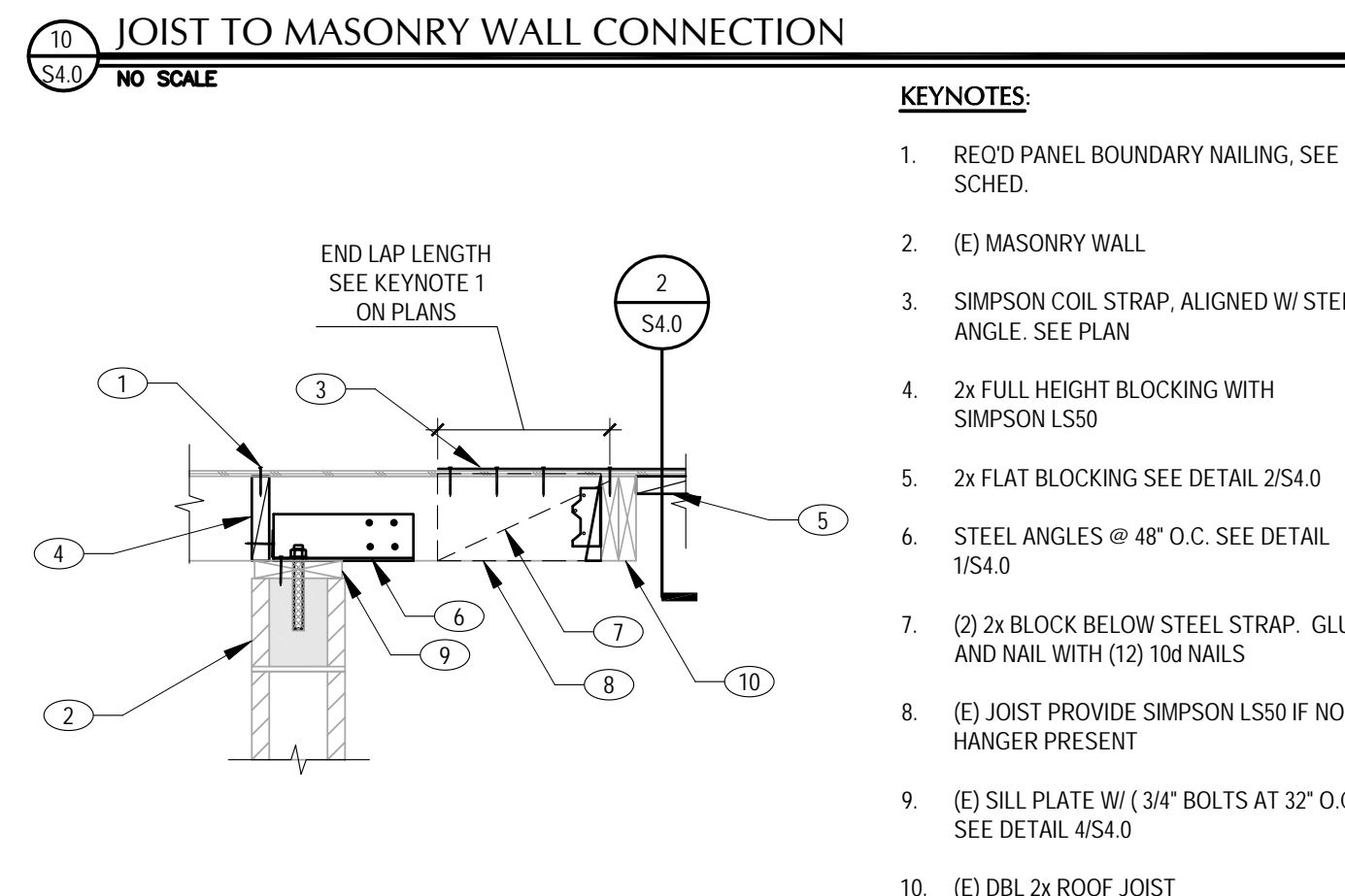
10 JOIST TO MASONRY WALL CONNECTION
S4.0 NO SCALE

- KEYNOTES:**
- (E) ROOF SHEATHING. SEE PLANS AND SCHEDULE FOR VERIFICATION OF NAILING
 - REQ'D. PANEL BOUNDARY NAILING
 - 2x6 BLOCK 3x LONG GLUE & NAIL W/ (12) 10d NAILS. BLOCKS OCCUR AT NEW STEEL ANGLES ONLY
 - STEEL ANGLE @ 4"Ø O.C. SEE DETAIL 1/S4.0
 - SIMPSON L550 IF NO JOIST HANGER PRESENT
 - SIMPSON STRAP. SEE PLAN FOR LENGTH
 - 2x4 FLAT BLOCKING BELOW STRAP. SEE DETAIL 2/S4.0
 - 2x BLOCKING WITH (N) SIMPSON L550 EACH BLOCK
 - (E) 2x PLATE. VERIFY PLATE IS ATTACHED WITH 3/4"Ø BOLTS @ 32" O.C. ADD ACCORDINGLY
 - (E) TRUSS OR JOIST



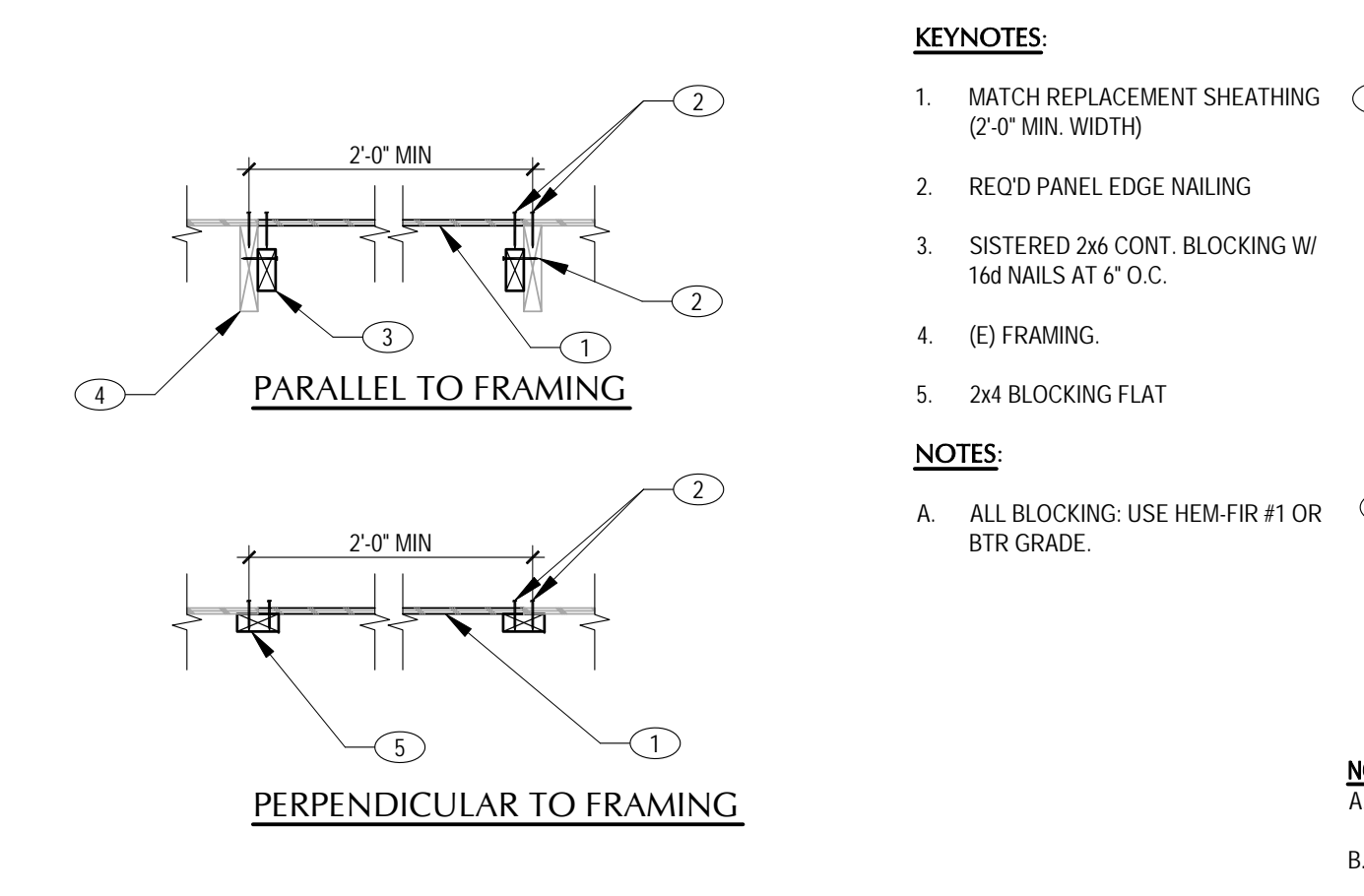
13 TRUSS TO WALL CONNECTION
S4.0 NO SCALE

- KEYNOTE:**
- (E) MASONRY WALL
 - (E) ROOF TRUSS
 - (E) LEDGER
 - FULL-HEIGHT BLOCKING WITH BOUNDARY NAILING. SEE SCHED.
 - 2x8 LEDGER W/ 3/4"Ø BOLTS AT 16" O.C., STAGGER TOP & BOTTOM
 - SIMPSON HDU2 W/ 5/8"Ø DRILL & EPOXY ANCHOR @ 4"Ø O.C. (SEE ANCHOR DETAIL 4/S4.0)
 - SIMPSON A35 @ 24" O.C.
 - RIBBON BRACING AT MIDSPAN OF WEB WHERE OCCURS. SEE PLAN KEYNOTE 8
- NOTE:**
- * INSTALL HDU ANCHORS ON SAME TRUSSES AS ANGLE AT EAVE. (SEE DETAIL 8/S4.0)



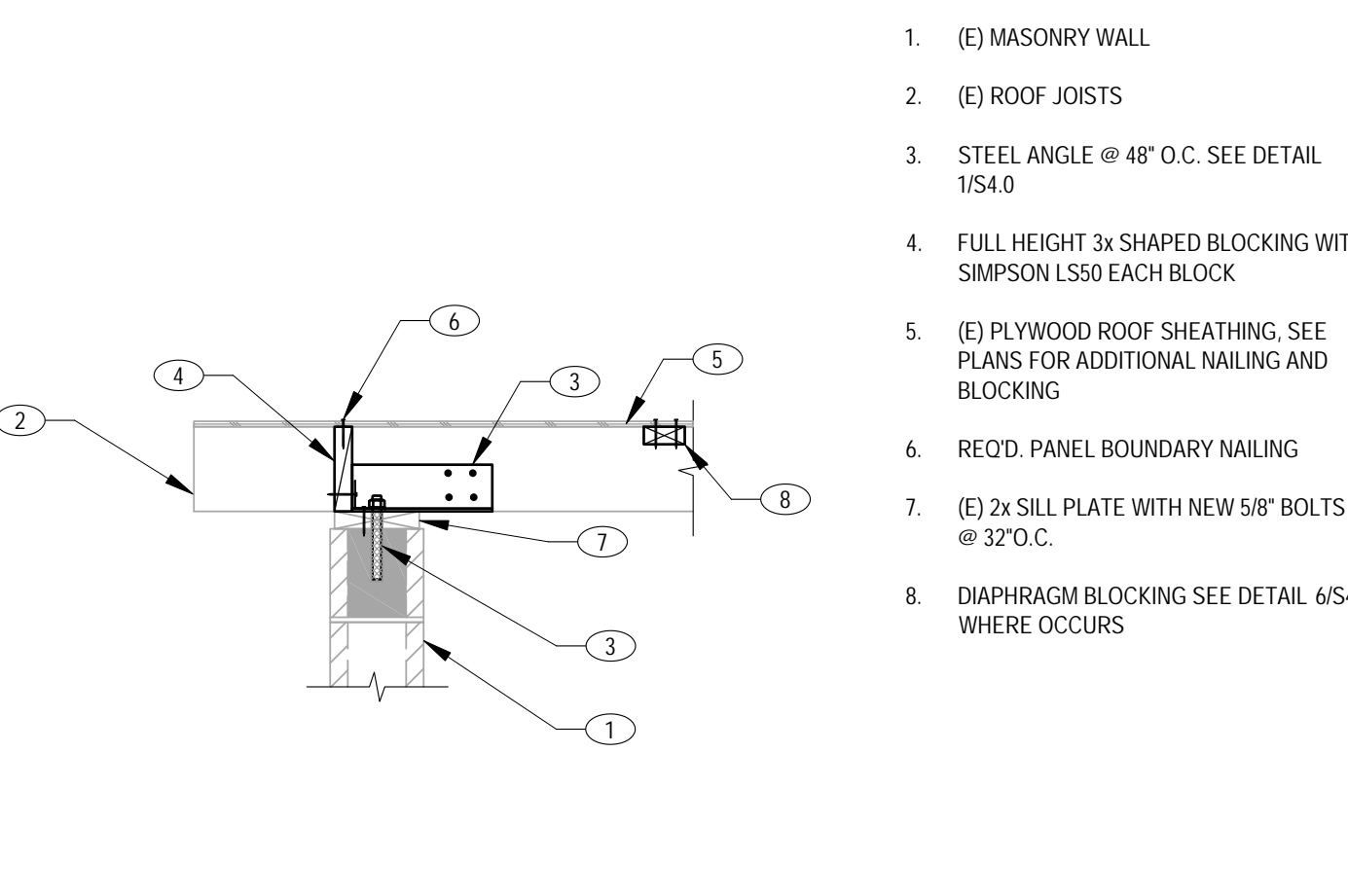
14 JOISTS TO WALL CONNECTION AT HIGH ROOF
S4.0 NO SCALE

- KEYNOTES:**
- REQ'D. PANEL BOUNDARY NAILING. SEE SCHED.
 - (E) MASONRY WALL
 - SIMPSON COIL STRAP, ALIGNED W/ STEEL ANGLE. SEE PLAN
 - 2x FULL HEIGHT BLOCKING WITH SIMPSON L550
 - 2x FLAT BLOCKING SEE DETAIL 2/S4.0
 - STEEL ANGLES @ 48" O.C. SEE DETAIL 1/S4.0
 - (2) 2x BLOCK BELOW STEEL STRAP. GLUE AND NAIL WITH (12) 10d NAILS
 - (E) JOIST PROVIDE SIMPSON L550 IF NO HANGER PRESENT
 - (E) SILL PLATE W/ (3/4)"Ø BOLTS AT 32" O.C. SEE DETAIL 4/S4.0
 - (E) DBL 2x ROOF JOIST



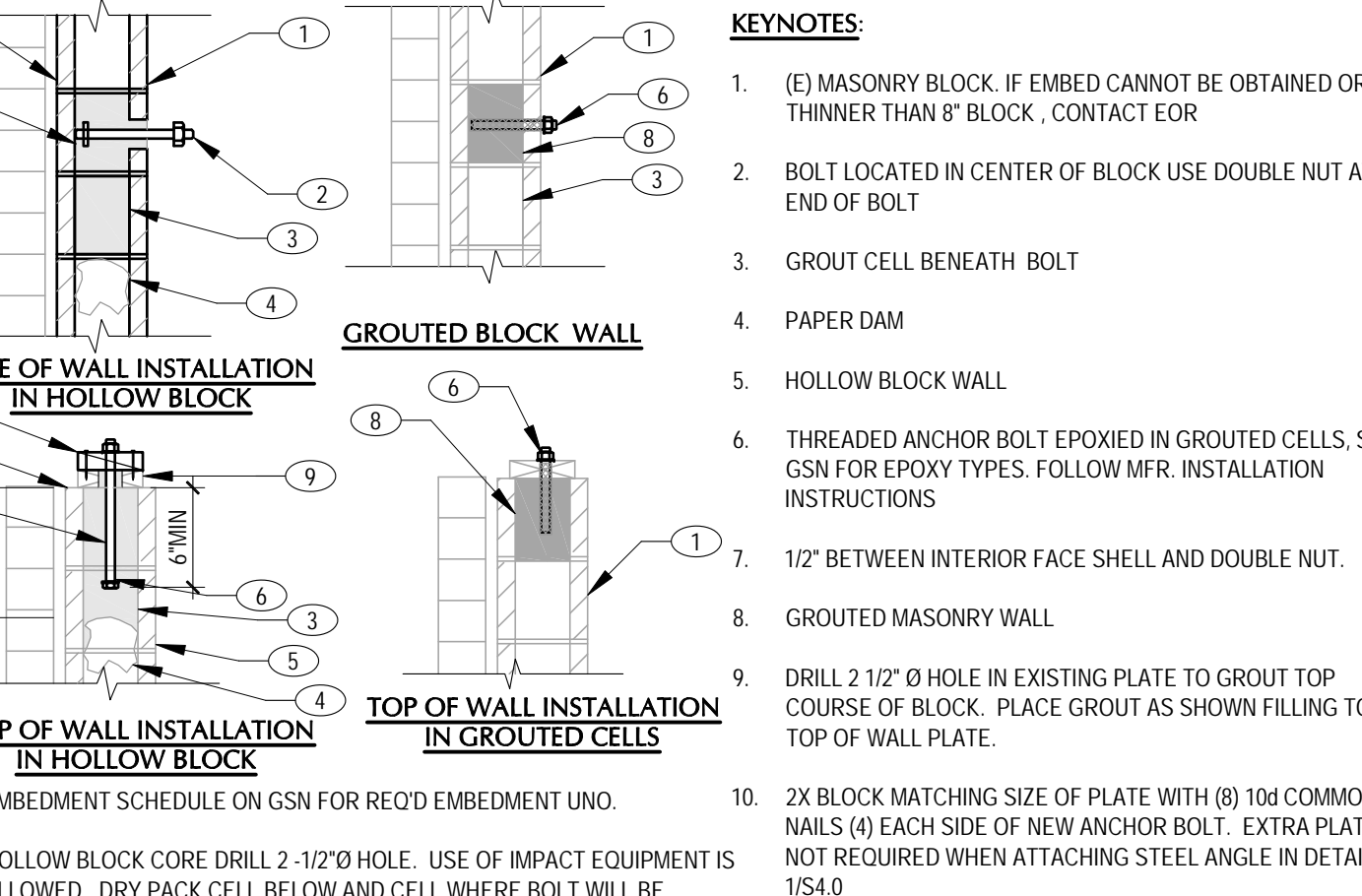
3 TYPICAL DIAPHRAGM REPLACEMENT DETAIL
S4.0 NO SCALE

- KEYNOTES:**
- MATCH REPLACEMENT SHEATHING (2"Ø MIN. WIDTH)
 - REQ'D. PANEL EDGE NAILING
 - SISTERED 2x6 CONT. BLOCKING W/ 16d NAILS AT 6" O.C.
 - (E) FRAMING.
 - 2x4 BLOCKING FLAT
- NOTES:**
- ALL BLOCKING: USE HEM-FIR #1 OR BTR GRADE.



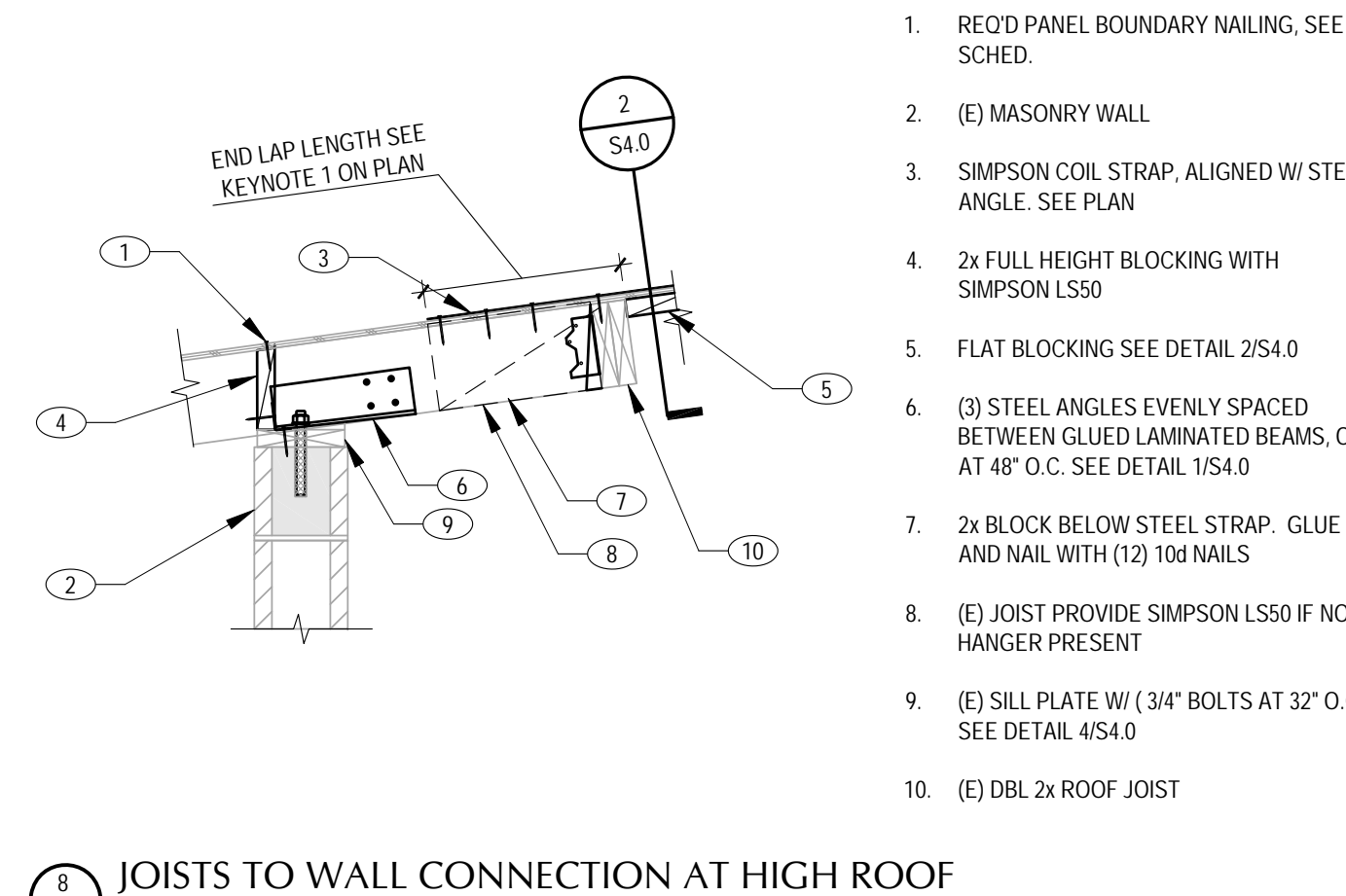
7 TYP. HIGH ROOF TO WALL CONNECTION
S4.0 NO SCALE

- KEYNOTES:**
- (E) MASONRY WALL
 - (E) ROOF JOISTS
 - STEEL ANGLE @ 48" O.C. SEE DETAIL 1/S4.0
 - FULL HEIGHT 3x SHAPED BLOCKING WITH SIMPSON L550 EACH BLOCK
 - (E) PLYWOOD ROOF SHEATHING. SEE PLANS FOR ADDITIONAL NAILING AND BLOCKING
 - REQ'D. PANEL BOUNDARY NAILING
 - (E) 2x SILL PLATE WITH NEW 5/8" BOLTS @ 32" O.C.
 - DIAPHRAGM BLOCKING SEE DETAIL 6/S4.0 WHERE OCCURS



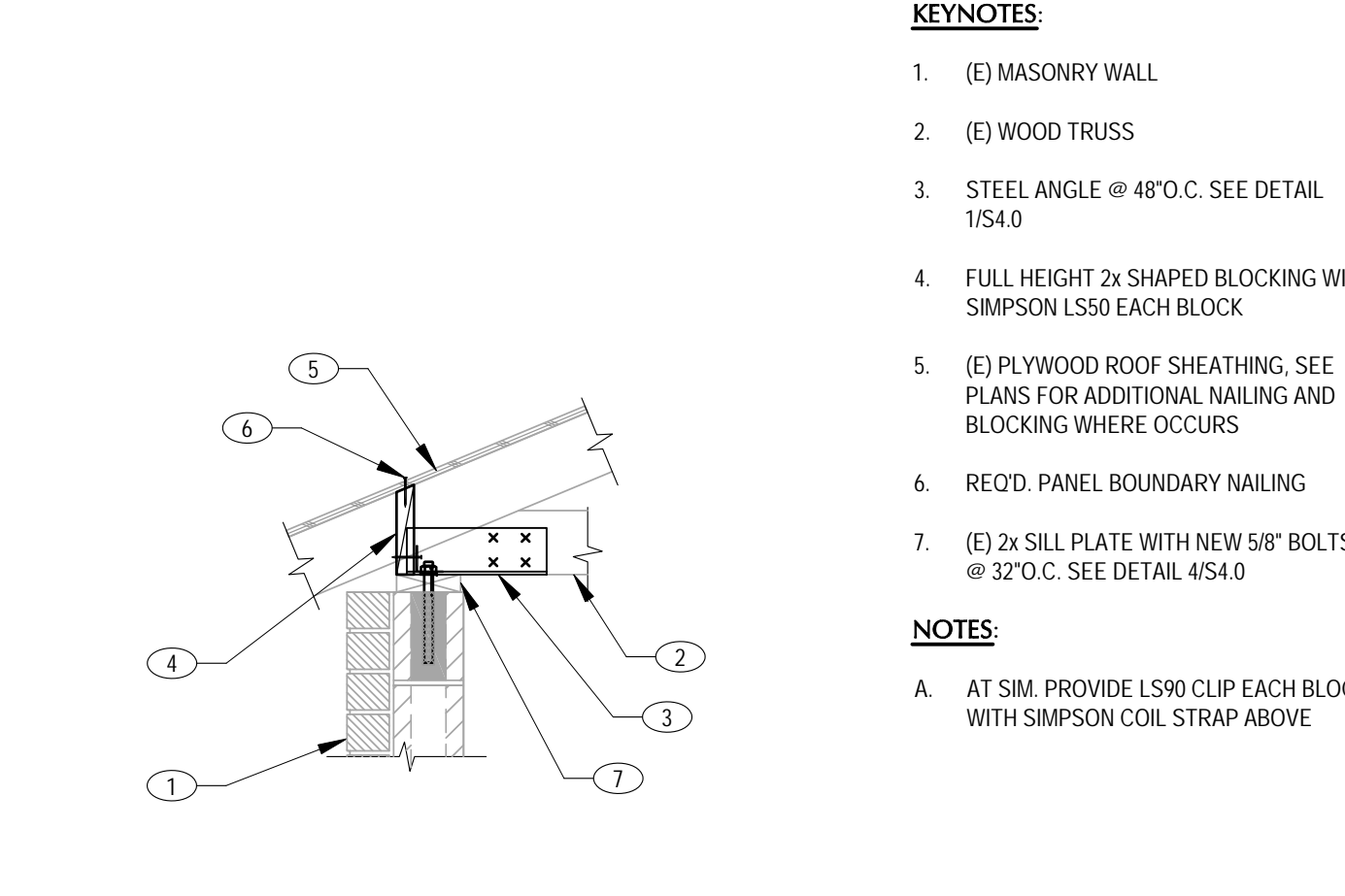
4 ANCHOR BOLTS IN CMU BLOCK WALLS
S4.0 NO SCALE

- KEYNOTES:**
- (E) MASONRY BLOCK. IF EMBED CANNOT BE OBTAINED OR THINNER THAN 8" BLOCK, CONTACT EOR
 - BOLT LOCATED IN CENTER OF BLOCK USE DOUBLE NUT AT END OF BOLT
 - GROUT CELL BENEATH BOLT
 - PAPER DAM
 - HOLLOW BLOCK WALL
 - THREADED ANCHOR BOLT EPOXYED IN GROUTED CELLS. USE GSN FOR EPOXY TYPES. FOLLOW MFR. INSTALLATION INSTRUCTIONS
 - 1/2" BETWEEN INTERIOR FACE SHELL AND DOUBLE NUT.
 - GROUTED MASONRY WALL
 - DRILL 1 1/2" Ø HOLE IN EXISTING PLATE TO GROUT TOP COURSE OF BLOCK. PLACE GROUT AS SHOWN FILLING TO TOP OF WALL PLATE.
 - 2x BLOCK MATCHING SIZE OF PLATE WITH (8) 10d COMMON NAILS (4) EACH SIDE OF NEW ANCHOR BOLT. EXTRA PLATE NOT REQUIRED WHEN ATTACHING STEEL ANGLE IN DETAIL 1/S4.0
- NOTES:**
- SEE EMBEDMENT SCHEDULE ON GSN FOR REQ'D EMBEDMENT UNO.
 - FOR HOLLOW BLOCK CORE DRILL 2 - 1/2"Ø HOLE. USE OF IMPACT EQUIPMENT IS NOT ALLOWED. DRY PACK CELL BELOW AND CELL WHERE BOLT WILL BE INSTALLED



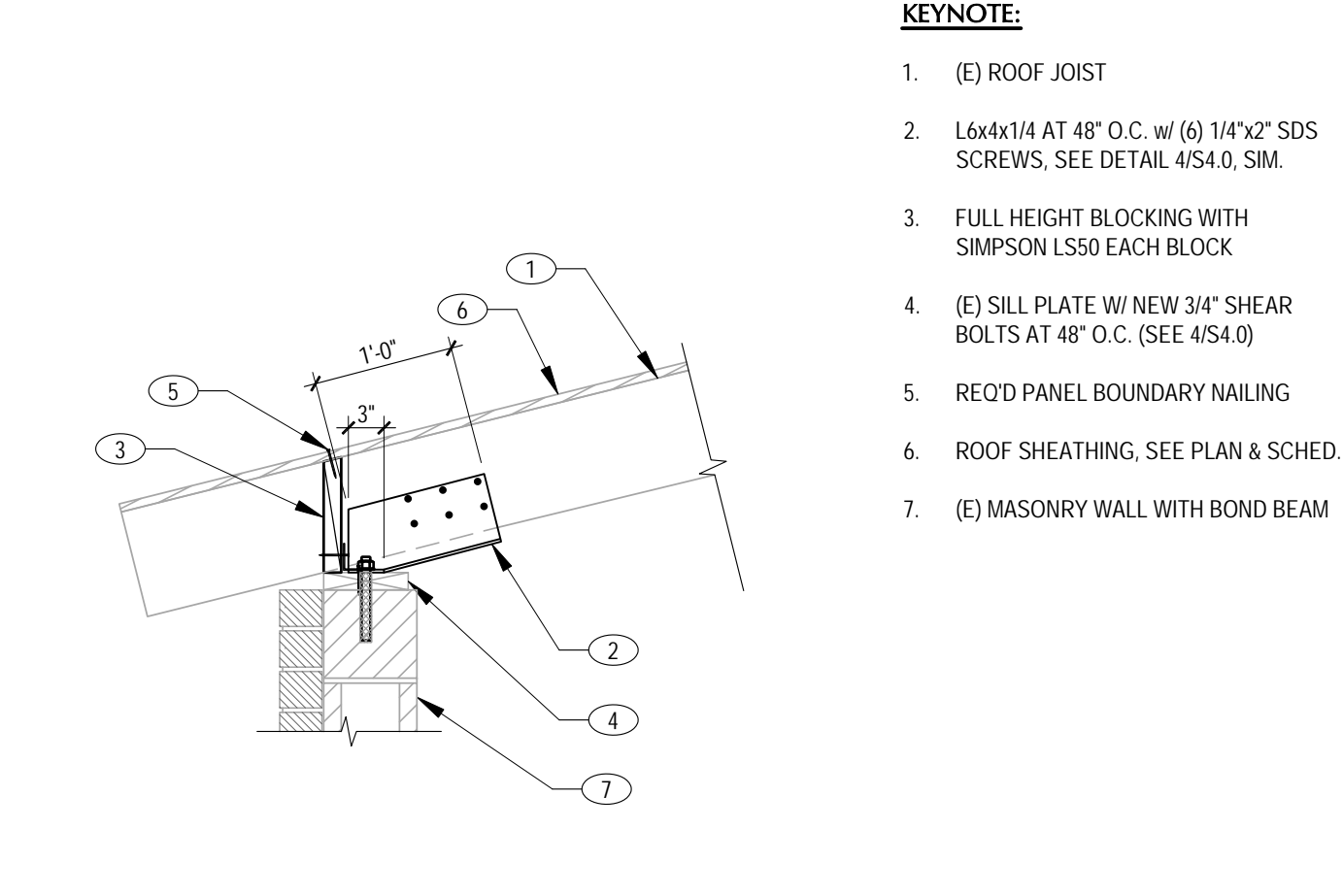
8 JOISTS TO WALL CONNECTION AT HIGH ROOF
S4.0 NO SCALE

- KEYNOTES:**
- REQ'D. PANEL BOUNDARY NAILING. SEE SCHED.
 - (E) MASONRY WALL
 - SIMPSON COIL STRAP, ALIGNED W/ STEEL ANGLE. SEE PLAN
 - 2x FULL HEIGHT BLOCKING WITH SIMPSON L550
 - FLAT BLOCKING SEE DETAIL 2/S4.0
 - (3) STEEL ANGLES EVENLY SPACED BETWEEN GLUED LAMINATED BEAMS, OR AT 48" O.C. SEE DETAIL 1/S4.0
 - 2x BLOCK BELOW STEEL STRAP. GLUE AND NAIL WITH (12) 10d NAILS
 - (E) JOIST PROVIDE SIMPSON L550 IF NO HANGER PRESENT
 - (E) SILL PLATE W/ (3/4)"Ø BOLTS AT 32" O.C. SEE DETAIL 4/S4.0
 - (E) DBL 2x ROOF JOIST



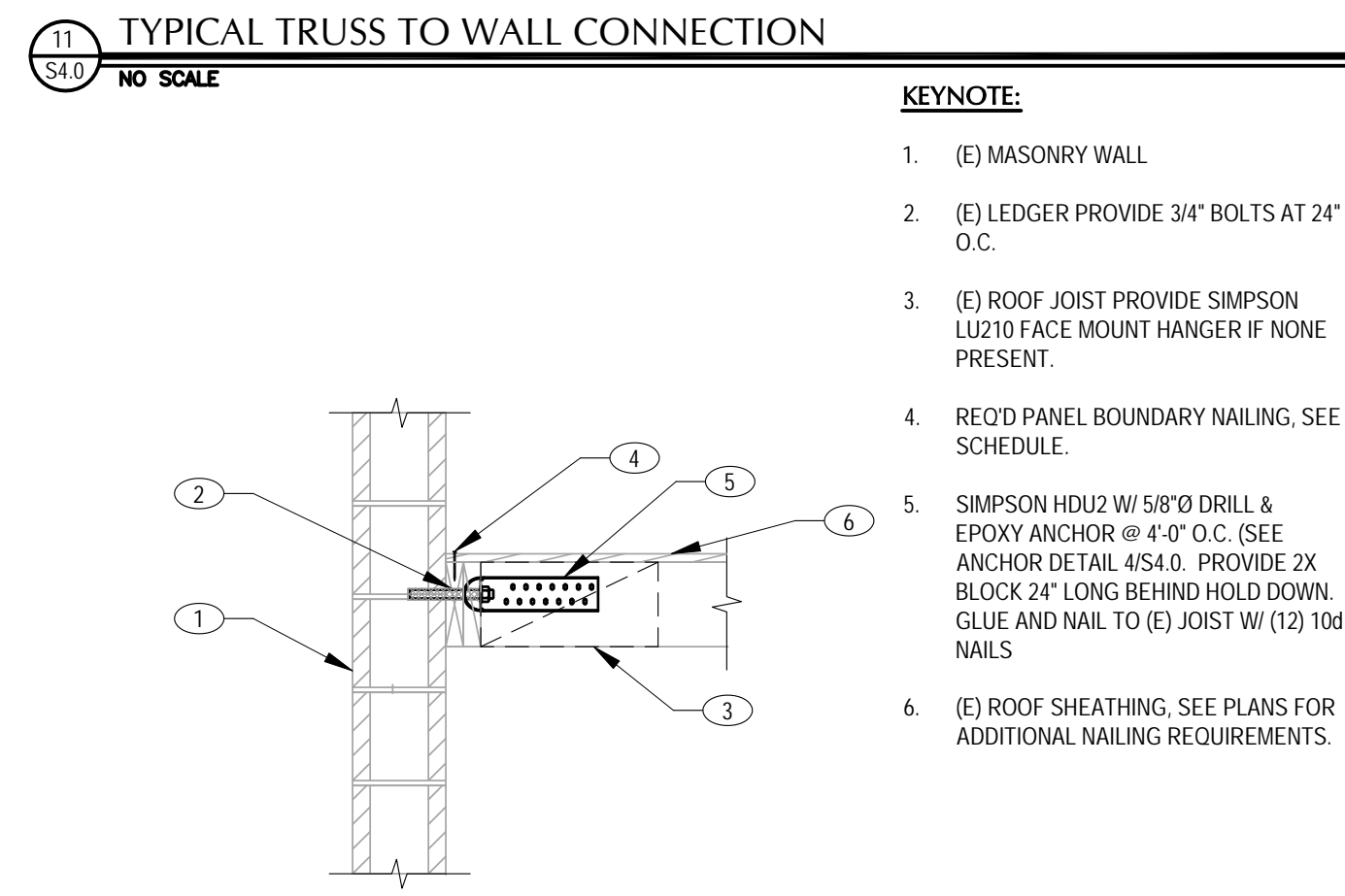
11 TYPICAL TRUSS TO WALL CONNECTION
S4.0 NO SCALE

- KEYNOTES:**
- (E) MASONRY WALL
 - (E) WOOD TRUSS
 - STEEL ANGLE @ 48" O.C. SEE DETAIL 1/S4.0
 - FULL HEIGHT 2x SHAPED BLOCKING WITH SIMPSON L550 EACH BLOCK
 - (E) PLYWOOD ROOF SHEATHING. SEE PLANS FOR ADDITIONAL NAILING AND BLOCKING WHERE OCCURS
 - REQ'D. PANEL BOUNDARY NAILING
 - (E) 2x SILL PLATE WITH NEW 5/8" BOLTS @ 32" O.C. SEE DETAIL 4/S4.0
- NOTES:**
- AT SIM. PROVIDE L590 CLIP EACH BLOCK WITH SIMPSON COIL STRAP ABOVE



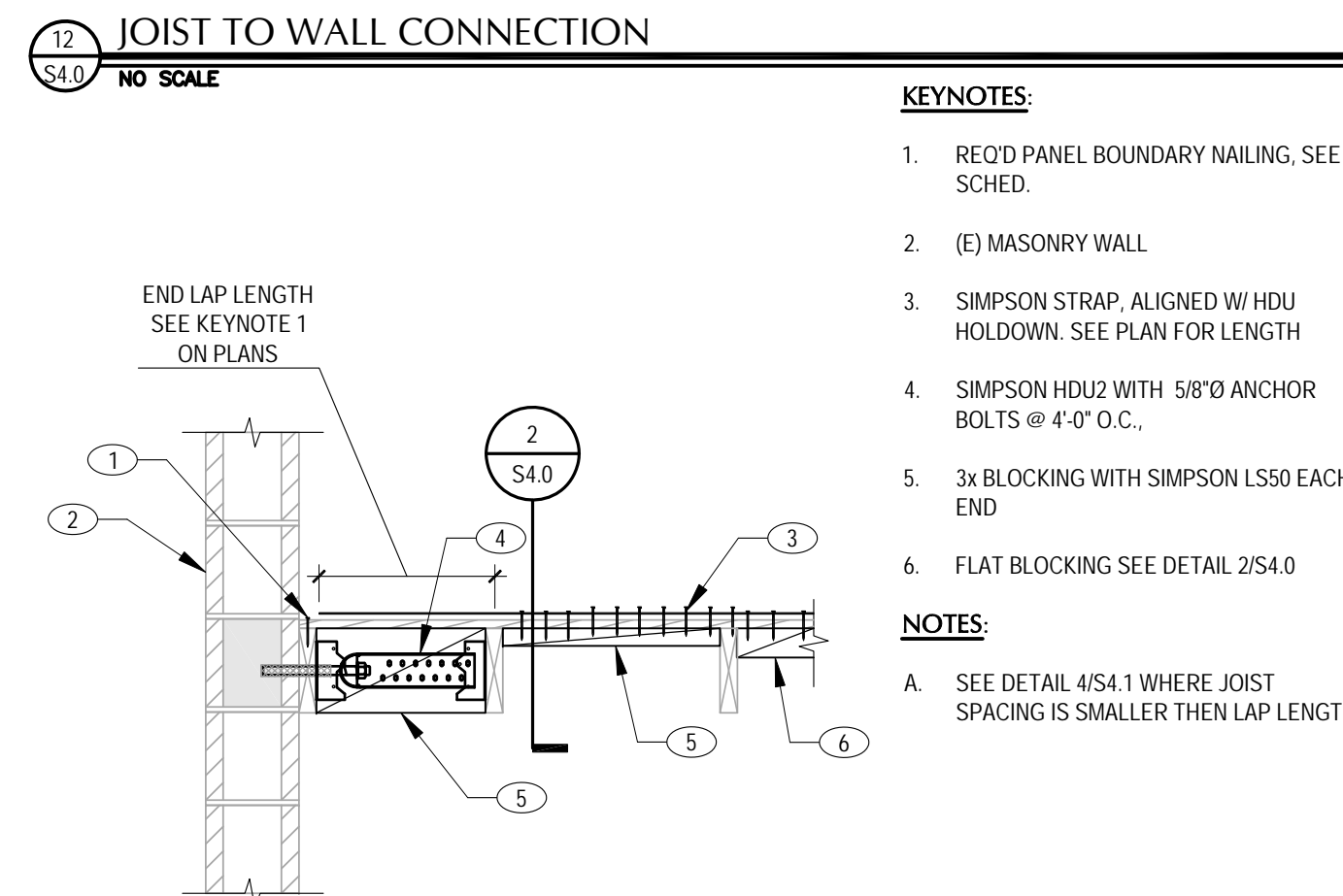
12 JOIST TO WALL CONNECTION
S4.0 NO SCALE

- KEYNOTE:**
- (E) ROOF JOIST
 - L6x4x1/4" AT 48" O.C. W/ (6) 1/4"x2" SDS SCREWS. SEE DETAIL 4/S4.0, SIM.
 - FULL HEIGHT BLOCKING WITH SIMPSON L550 EACH BLOCK
 - (E) SILL PLATE W/ NEW 3/4" SHEAR BOLTS AT 48" O.C. (SEE 4/S4.0)
 - REQ'D. PANEL BOUNDARY NAILING
 - ROOF SHEATHING. SEE PLAN & SCHED.
 - (E) MASONRY WALL WITH BOND BEAM



15 CORRIDOR WALL ANCHOR
S4.0 NO SCALE

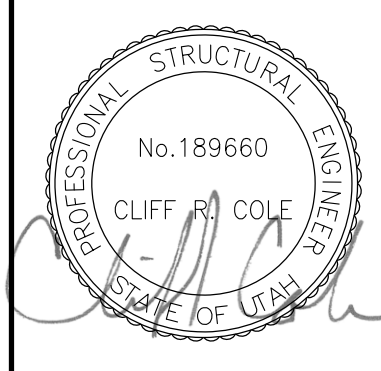
- KEYNOTE:**
- (E) MASONRY WALL
 - (E) LEDGER PROVIDE 3/4" BOLTS AT 24" O.C.
 - (E) ROOF JOIST PROVIDE SIMPSON LU210 FACE MOUNT HANGER IF NONE PRESENT.
 - REQ'D. PANEL BOUNDARY NAILING. SEE SCHEDULE.
 - SIMPSON HDU2 W/ 5/8"Ø DRILL & EPOXY ANCHOR @ 4"Ø O.C. (SEE ANCHOR DETAIL 4/S4.0. PROVIDE 2x BLOCK 24" LONG BEHIND HOLD DOWN. GLUE AND NAIL TO (E) JOIST W/ (12) 10d NAILS
 - (E) ROOF SHEATHING. SEE PLANS FOR ADDITIONAL NAILING REQUIREMENTS.



16 DIAPHRAGM TO WALL CONNECTION
S4.0 NO SCALE

- KEYNOTES:**
- REQ'D. PANEL BOUNDARY NAILING. SEE SCHED.
 - (E) MASONRY WALL
 - SIMPSON STRAP, ALIGNED W/ HDU HOLDDOWN. SEE PLAN FOR LENGTH
 - SIMPSON HDU2 WITH 5/8"Ø ANCHOR BOLTS @ 4"Ø O.C.
 - 3x BLOCKING WITH SIMPSON L550 EACH END
 - FLAT BLOCKING SEE DETAIL 2/S4.0
- NOTES:**
- SEE DETAIL 4/S4.1 WHERE JOIST SPACING IS SMALLER THEN LAP LENGTH

MENEIL ENGINEERING
Economic and Sustainable Designs, Professionals You Know and Trust
8610 Beach Sandy Parkway, Suite 300 Sandy, Utah 84070 801.667.7700 meneilengineering.com
Civil Engineering • Consulting & Landscape Architecture
Structural Engineering • Land Surveying & HGIS



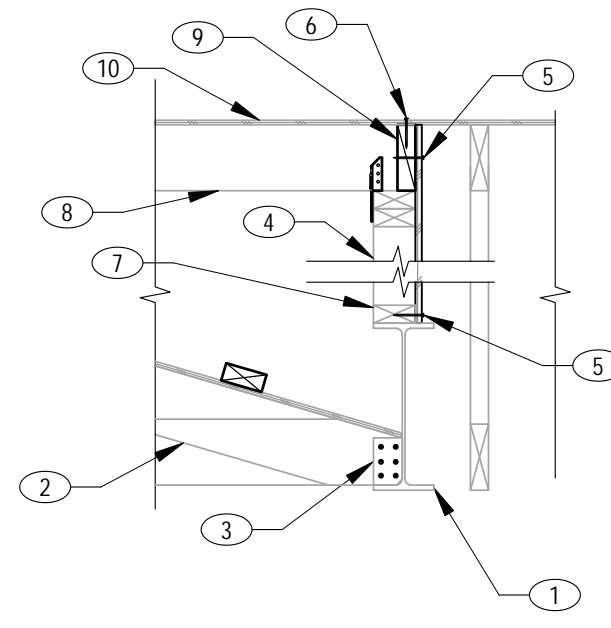
BOUNTIFUL 7, 15, & the Church of Jesus Christ of Latter-Day Saints
BOUNTIFUL UTAH SOUTH STAKE
1250 SOUTH MAIN STREET
BOUNTIFUL, UTAH

REVISIONS	DESCRIPTION	DATE

PROJECT NO. 19037
DRAWN BY WCA
CHECKED BY CC
DATE 02/12/19
PROP. NO. 5115878

DETAILS
S4.0

C:\Users\Dustin\Webb\AppData\Local\Microsoft\Windows\Content.Outlook\GJ5B1G1T\Title Block.rvt

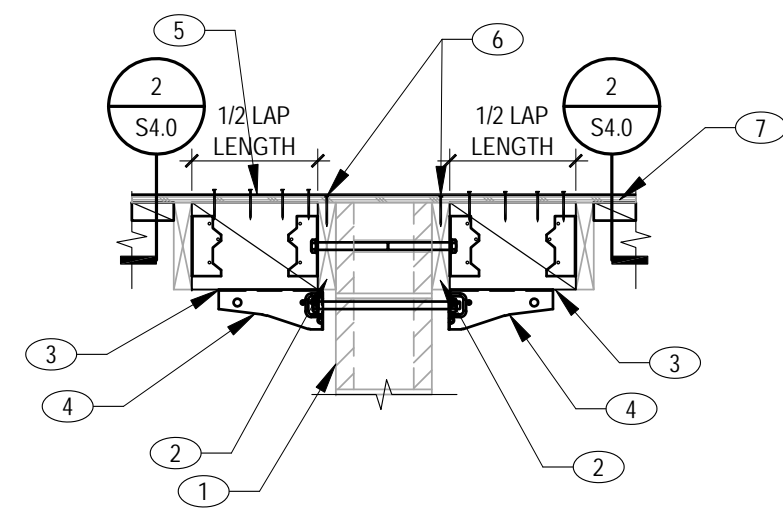


KEYNOTES:

- (E) STEEL BEAM
- (E) ROOF TRUSS
- (E) TRUSS CONNECTION
- (E) WOOD PONY WALL, REMOVE (E) FINISHES & PROVIDE (N) 7/16" PLYWOOD, BLOCK ALL EDGES AND NAIL WITH 8D NAILS AT 6" O.C.
- REQ'D PANEL EDGE NAILING
- REQ'D PANEL BOUNDARY NAILING
- (E) 2x PLATE W/ (N) 1/2" THRU BOLTS @ 32" O.C.
- OVERBUILD JOIST W/ SIMPSON H3 EACH JOIST. AT CONNECTION OF OTHER END OF JOIST SEE DETAIL 9/54.0
- 2x BLOCKING BETWEEN JOISTS
- (E) ROOF SHEATHING, SEE PLANS

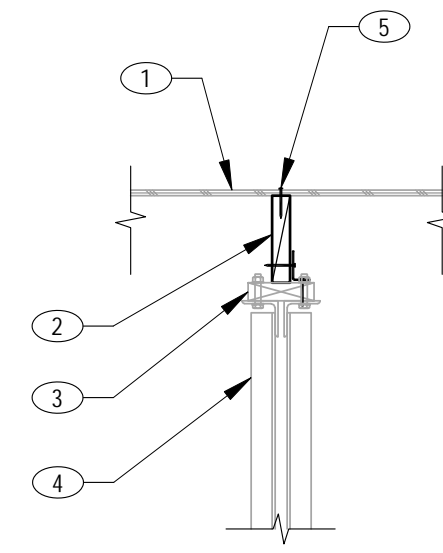
NOTES:

- A. AT SIM. PONY WALL IN KEYNOTE 4 IS NEW



KEYNOTES:

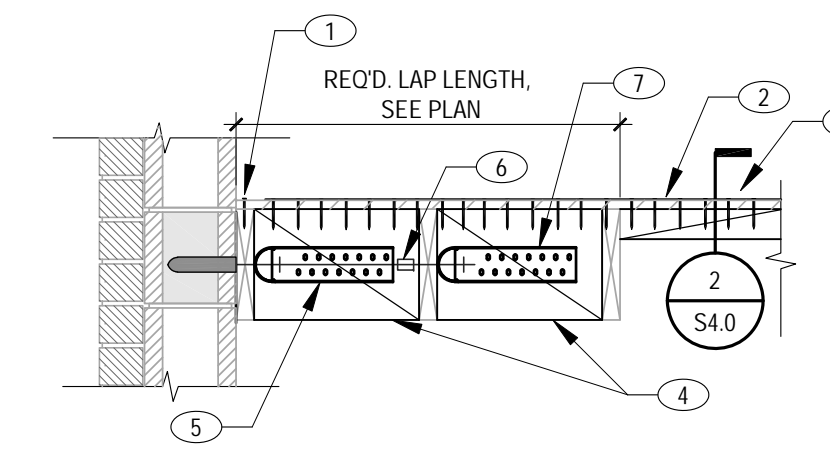
- (E) MASONRY WALL, SHEAR WALL
- END JOIST WITH NEW 5/8" BOLTS @ 24" O.C. SEE DETAIL 4/54.0
- 4x8 BLOCKING WITH SIMPSON LS50 CLIP EACH END
- SIMPSON HDU2 CONNECTOR ON EACH BLOCK CONNECTED WITH 5/8" THREADED ROD
- STEEL STRAP, SEE PLANS
- REQ'D. BOUNDARY NAILING
- (E) ROOF SHEATHING, SEE DIAPHRAGM AND SCHEDULE



KEYNOTES:

- (E) DIAPHRAGM SHEATHING
- 3x FULL HEIGHT BLOCKING WITH LS70 CLIP AT EACH BLOCK
- (E) 2x12 TOP PLATE WITH 1/2" THRU BOLT @ 36" O.C. (CONTRACTOR VERIFY)
- (E) STEEL TRUSS
- BOUNDARY NAILING, SEE SCHEDULE

NOTE: STEEL TRUSS IS ACTING AS DRAG. DURING FUTURE UPGRADE TRUSS NEEDS TO BE CONNECTED TO THE MASONRY WALL



KEYNOTES:

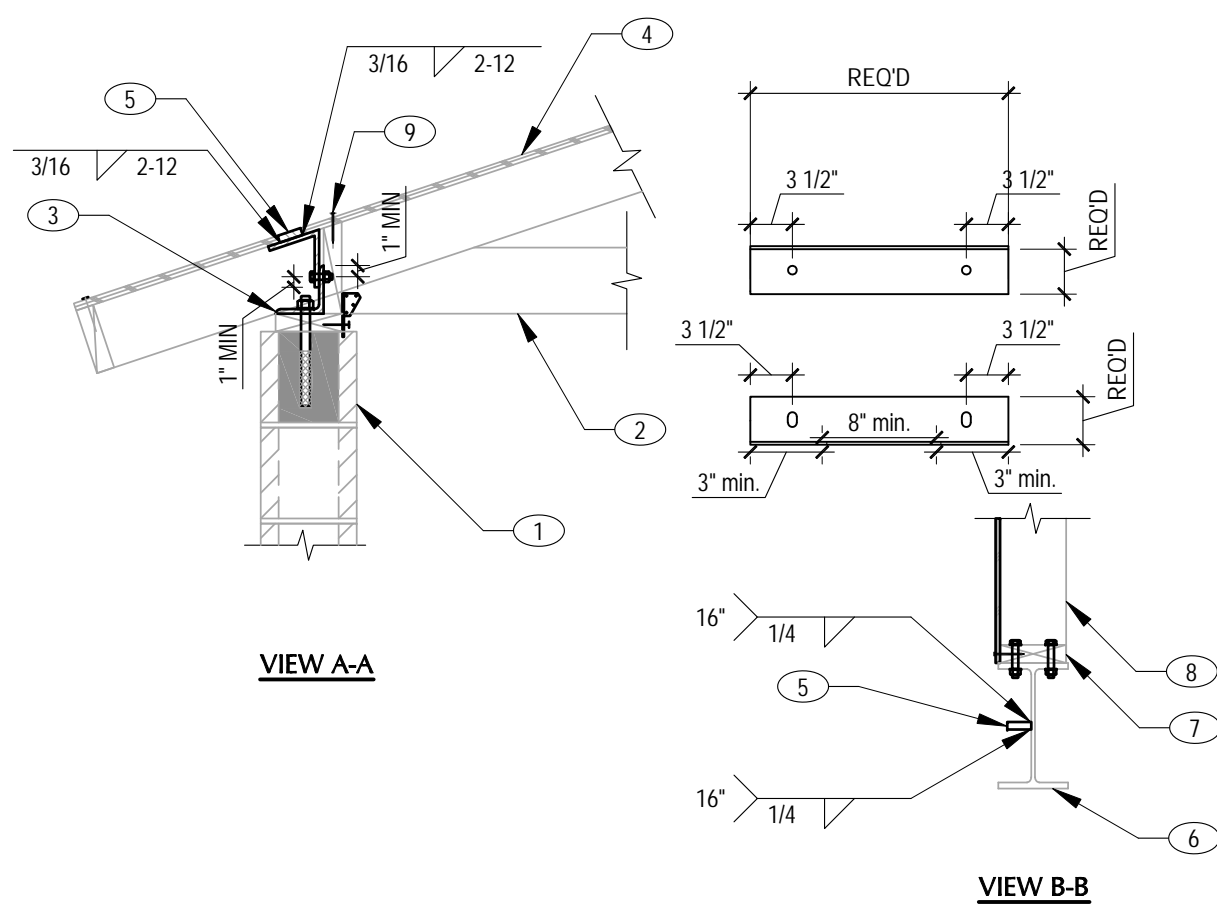
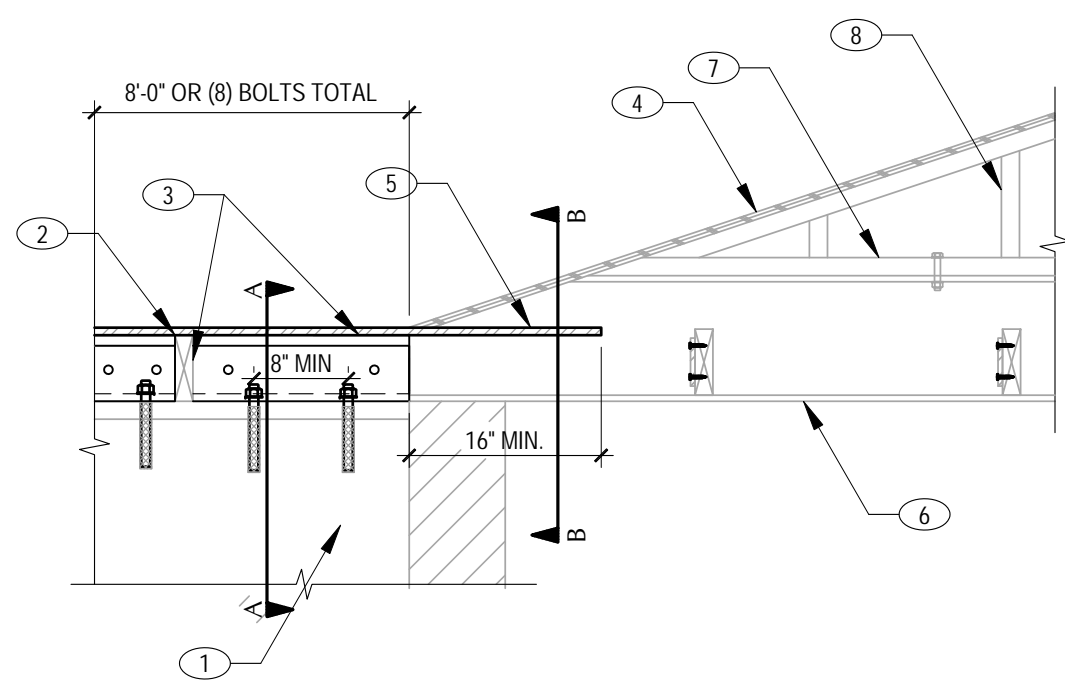
- REQ'D PANEL BOUNDARY NAILING
- ROOF SHEATHING, SEE SCHED.
- SIMPSON STRAPS, SEE PLANS
- 4x BLOCKING OR DOUBLE 2x BLOCKING GLUED AND NAILED WITH (10) 10d NAILS
- SIMPSON HDU2 (SEE SPECIFIC DETAILS)
- 5/8" ROD WITH COUPLER NUT
- ADDITIONAL SIMPSON HDU2 IS REQUIRED WHEN STRAP LAP LENGTH EXCEEDS THE LENGTH OF THE FIRST BAY OF BLOCKING

1 SHEAR DRAG AT BEAM
S4.1 NO SCALE

2 SHEAR WALL AND BRACE
S4.1 NO SCALE

3 DETAIL
S4.1 NO SCALE

4 TYP. JOIST TO WALL CONNECTION WITH INSUFFICIENT LAP LENGTHS
S4.1 NO SCALE

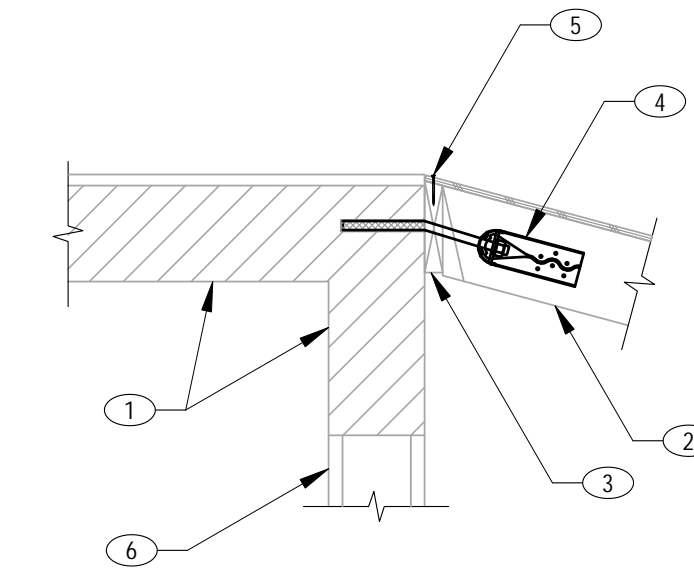


KEYNOTES:

- (E) CMU WALL WITH (E) BOND BEAM TOP OF WALL
- (E) WOOD TRUSS, SEE DETAIL 11/54.0 FOR EPOXY BOLTS OUT-OF-PLANE ANGLE CONNECTION
- (2) 3/8"xREQ'D BENT PLATES WITH (2) 3/4" EACH PLATE. SPACE 8" MIN PROVIDE (2) 3/4" THRU BOLTS EACH PLATE IN VERT. SLOTTED HOLES
- DIAPHRAGM SHEATHING, SEE PLANS
- 2"x5/8"xCONT. STEEL FLAT BAR, SEE PLAN FOR LENGTH
- (E) STEEL BEAM
- (E) 2x BOTTOM PLATE, VERIFY 1/2" A.B. @ 24" O.C. MIN.
- 2x WALL WITH SHEATHING, SEE 1/54.1
- BOUNDARY NAILING, SEE PLAN SEE DETAIL 11/54.0 FOR IN PLANE CONNECTION

KEYNOTES:

- (E) DIAPHRAGM SHEATHING, SEE PLAN AND SCHEDULE
- (E) OR NEW 2x FULL HEIGHT BLOCK WITH LS50 CLIP EACH BLOCK
- DIAPHRAGM BOUNDARY NAILING
- 2x STUD WALL WITH 7/16" SHEATHING. PROVIDE 10d NAILS @ 6" O.C. AT ALL PANEL EDGES AND BOUNDARIES
- 16d NAILS @ 6" O.C.
- SIMPSON LS50 CLIP @ 24" O.C.
- FUTURE SHEATHED WALL
- (E) BEAM TO BE USED AS DRAG IN FUTURE PROJECT
- CONNECT BEAM TO CMU WALL DURING FUTURE PROJECT



KEYNOTES:

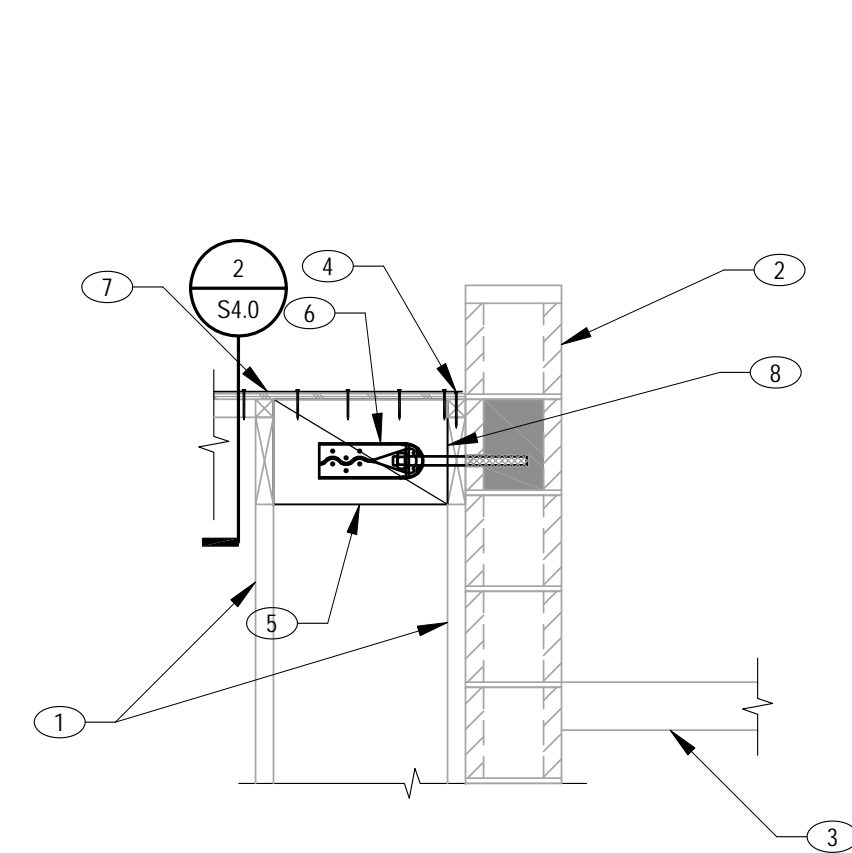
- (E) CONC. SLAB
- (E) 2x JOIST WITH (E) HANGER
- (E) 2x LEDGER VERIFY 5/8" @ 24" O.C. MIN.
- SIMPSON HDU2 HOLD DOWN WITH 5/8" A.B. @ 48" O.C.
- BOUNDARY NAILING, SEE SCHEDULE
- (E) CMU WALL

5 DETAIL
S4.1 NO SCALE

6 DETAIL
S4.1 NO SCALE

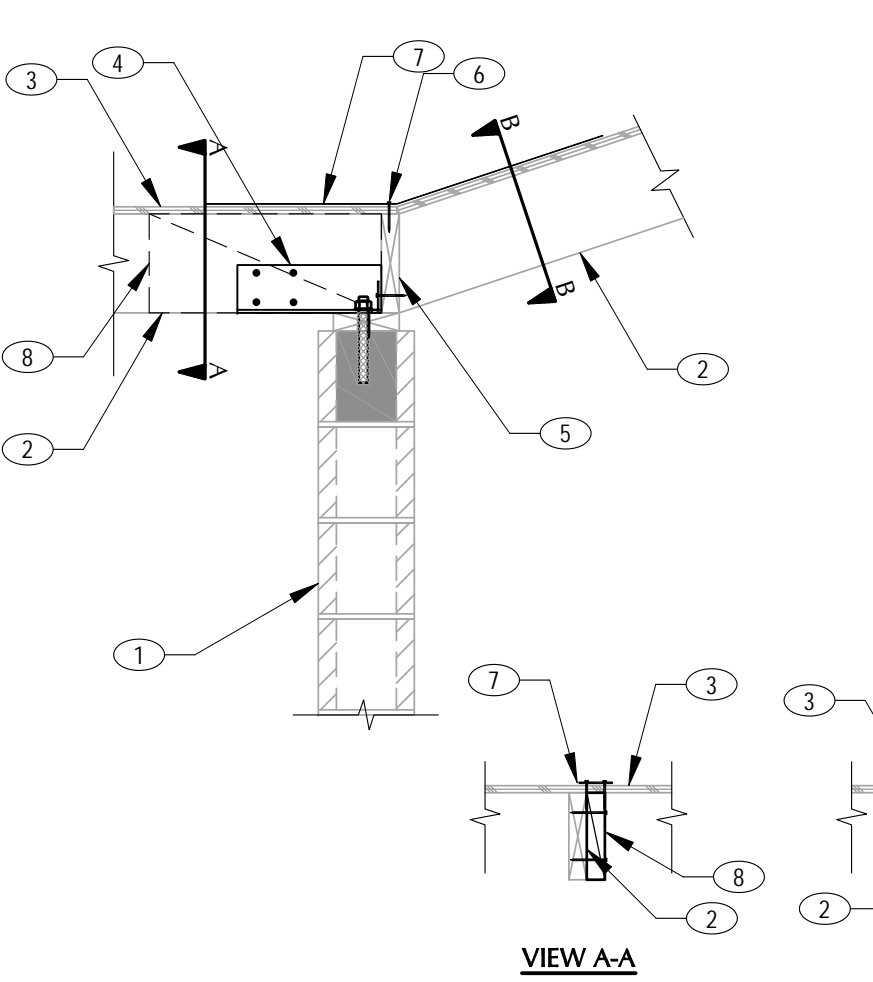
7 DETAIL
S4.1 NO SCALE

8 DETAIL
S4.1 NO SCALE



KEYNOTES:

- (E) TRUSS
- (E) CMU WALL
- (E) CONC. SLAB
- BOUNDARY NAILING, SEE PLAN
- 3x BLOCK A34 CLIP EACH END
- SIMPSON HDU2 HOLD DOWN WITH 5/8" EPOXY ANCHOR BOLT @ 48" O.C.
- SIMPSON COIL STRAP, SEE PLAN
- TRUSS TOP CHORD OR LEDGER WITH 5/8" O.A.B. @ 24" O.C. MIN.



KEYNOTES:

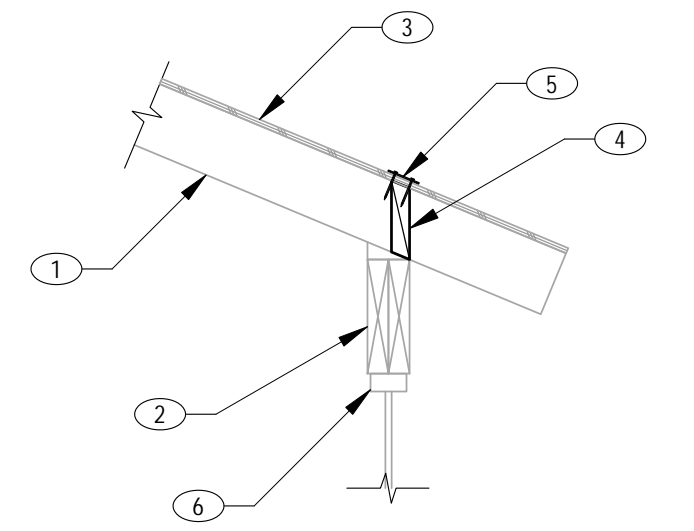
- (E) CMU WALL
- (E) 2x JOIST
- (E) PLYWOOD SHEATHING
- STEEL ANGLE @ 48" O.C. SEE DETAIL 1/54.0
- 2x FULL HEIGHT BLOCK WITH LS30 CLIPS EACH BLOCK
- BOUNDARY NAILING
- SIMPSON COIL STRAP, SEE PLANS
- 2x BLOCK TO MATCH JOIST WITH (6) 10d NAILS AND (1) 3/8" BEAD OF CONSTRUCTION ADHESIVE

KEYNOTE:

- (E) MASONRY WALL
- (E) SILL PLATE
- (E) TRUSS
- 1/4"x4x1/4x0'-6" W/ (3) SDS25112 IN VERTICAL LONG-SLOTTED HOLES, EACH TRUSS *
- 3/4" DRILL & EPOXY ANCHOR, SEE DETAIL 4/54.0

NOTE:

* INSTALL ANGLES ON SAME TRUSSES AS ANGLE AT EAVE (SEE DETAIL 11.12/54.0)



KEYNOTES:

- (E) 2x JOIST
- (E) WOOD BEAM
- (E) SHEATHING
- 3x OR (2) 2x BLOCK
- SIMPSON COIL STRAP, SEE PLAN
- (E) WINDOW BELOW BEAM

10 CORRIDOR WALL ANCHOR
S4.1 NO SCALE

11 DETAIL
S4.1 NO SCALE

8 DETAIL
S4.1 NO SCALE

9 DETAIL
S4.1 NO SCALE

KEYNOTES:

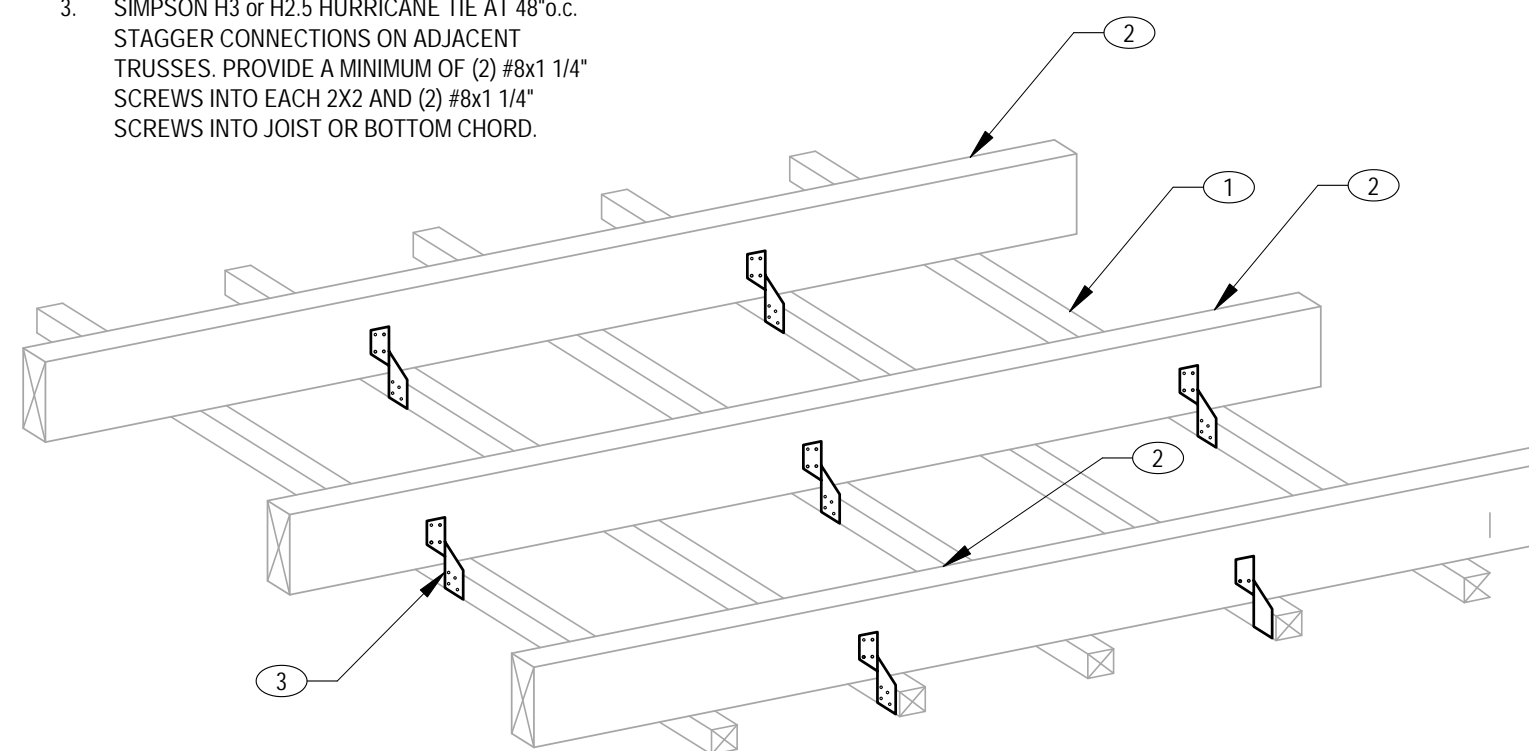
- (E) 2x2 WOOD FURRING @ 16" o.c.
- (E) CEILING JOIST OR TRUSS BOTTOM CHORD AT 24" O.C.
- SIMPSON H3 or H2.5 HURRICANE TIE AT 48" o.c. STAGGER CONNECTIONS ON ADJACENT TRUSSES. PROVIDE A MINIMUM OF (2) #8x1 1/4" SCREWS INTO EACH 2X2 AND (2) #8x1 1/4" SCREWS INTO JOIST OR BOTTOM CHORD.

NOTES:

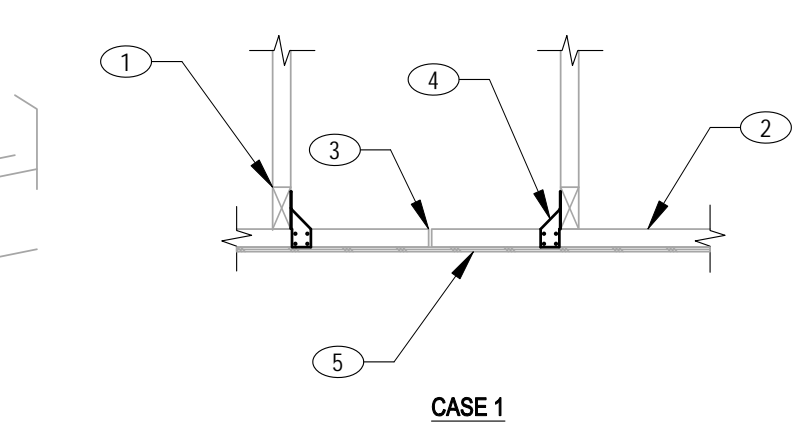
A. PROVIDE H3 or H2.5 HURRICANE TIE ON EACH SIDE OF EACH SPLICE IN THE FURRING STRIPS. SEE DETAIL 1/54.1.

KEYNOTES:

- TRUSS BOTTOM CHORD
- 2x2 FURRING STRIP
- SPLICE IN FURRING STRIP
- ADDITIONAL CONNECTOR (SEE DETAIL 13/54.1)
- GYPSSUM BOARD

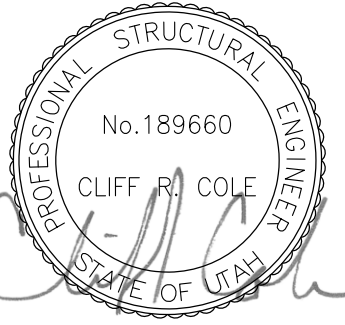


13 TYP. CEILING ATTACHMENT TO TRUSS BOTTOM CHORD
S4.1 NO SCALE



14 TYP. CEILING ATTACHMENT AT SPLICE IN FURRING STRIP
S4.1 NO SCALE

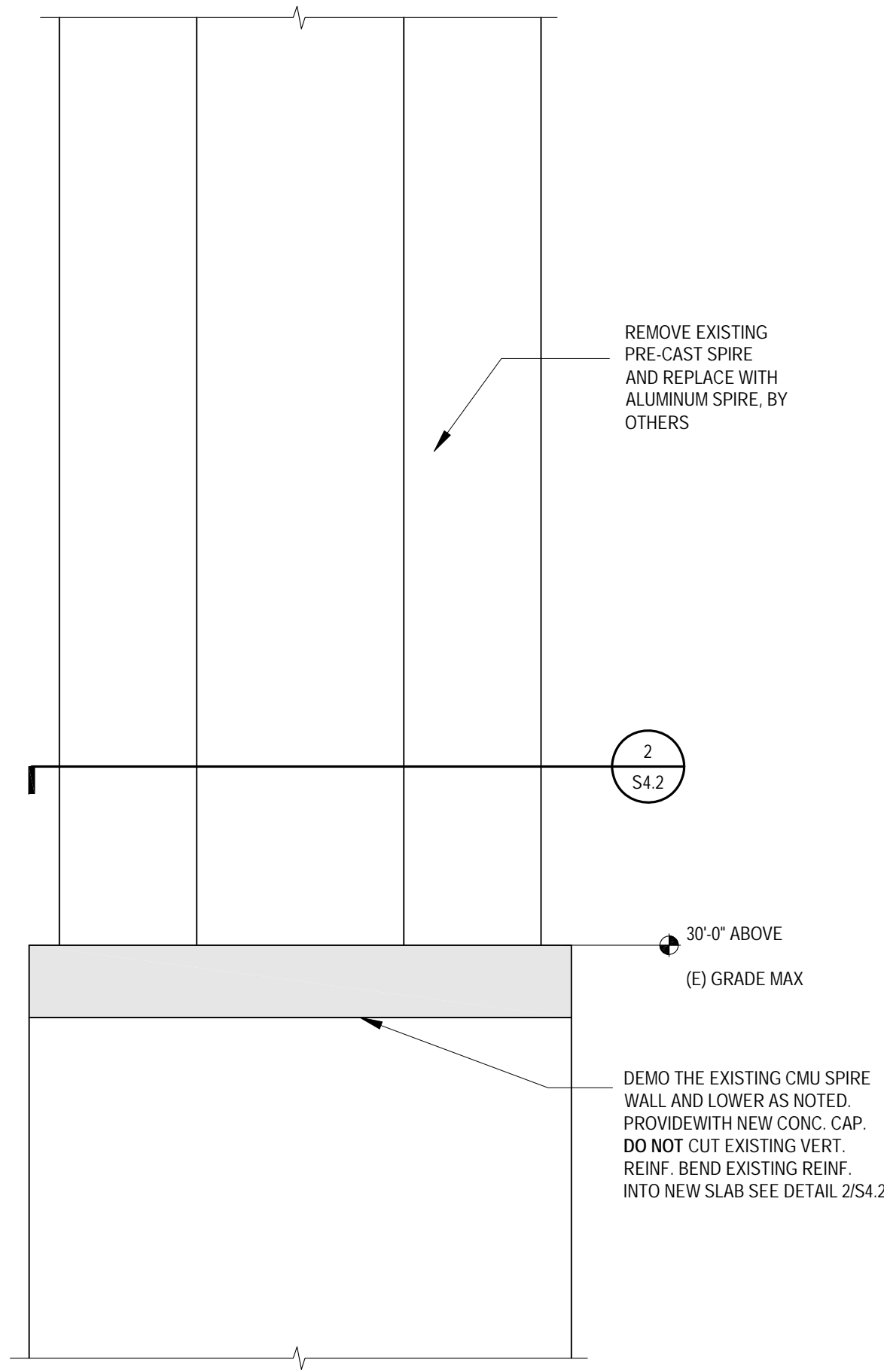
12 DETAIL
S4.1 NO SCALE



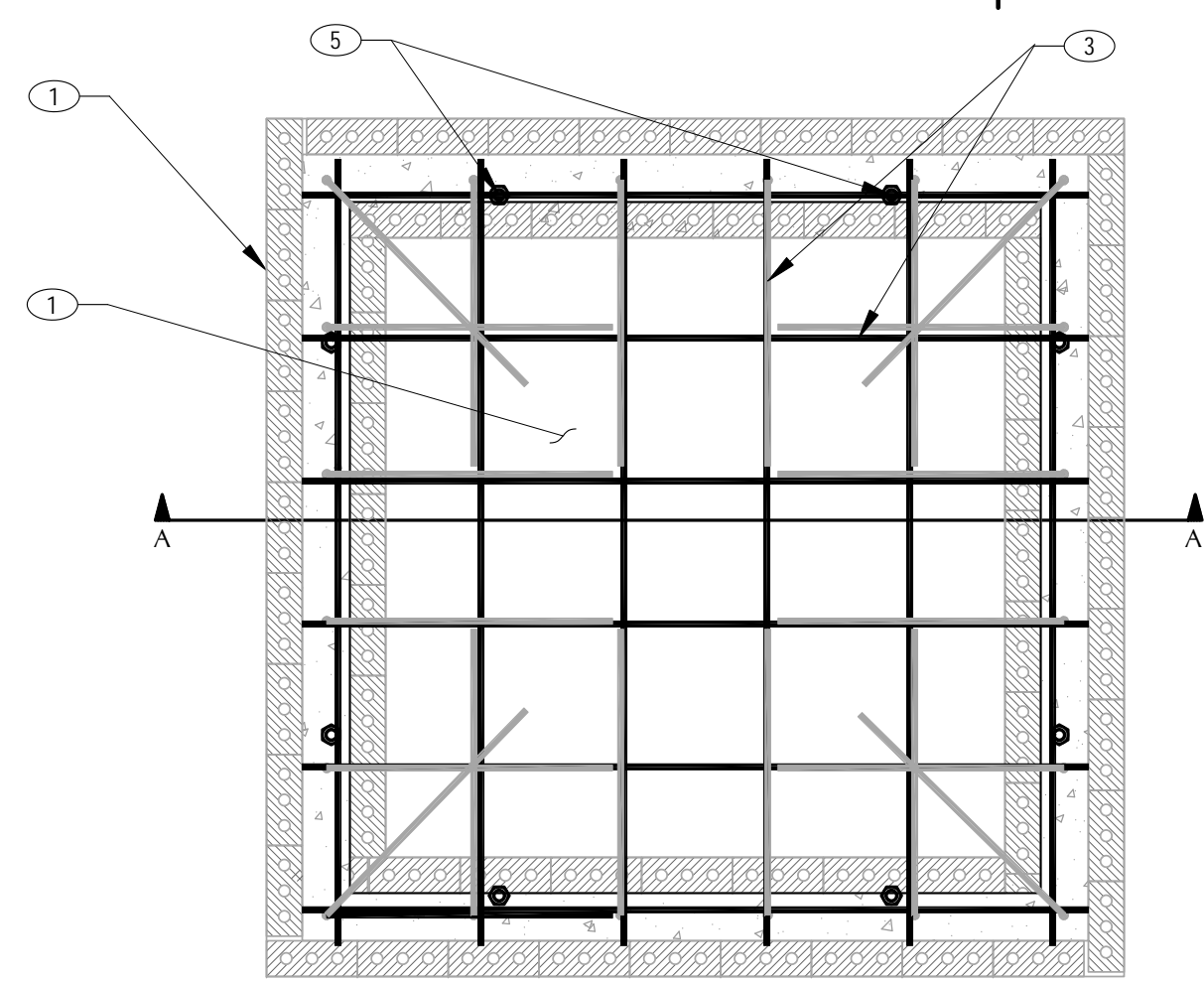
BOUNTIFUL 7, 15, & the Church of Jesus Christ of Latter-Day Saints
BOUNTIFUL UTAH SOUTH STAKE
1250 SOUTH MAIN STREET
BOUNTIFUL, UTAH

REVISIONS	DATE	DESCRIPTION

PROJECT NO. 19037
DRAWN BY WCA
CHECKED BY CC
DATE 02/12/19
PROP. NO. 5115876

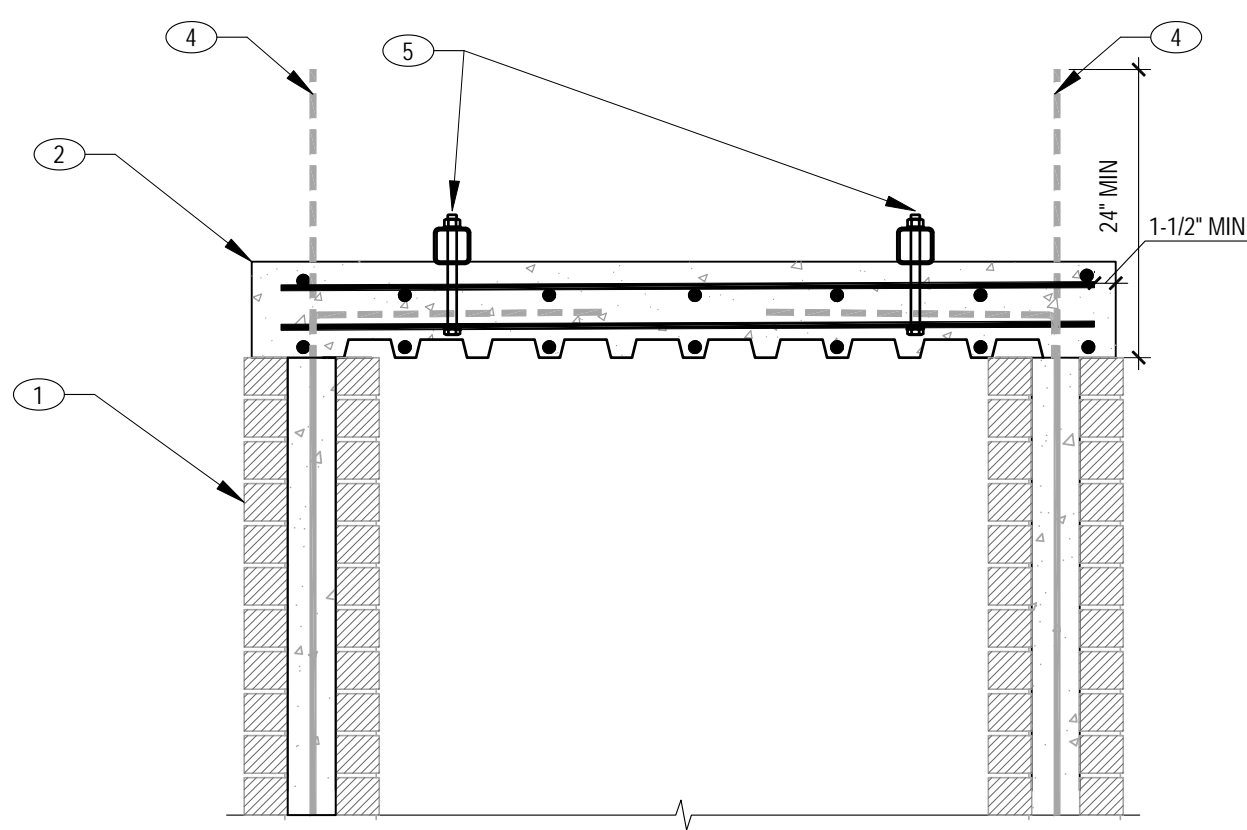


2 S4.2 STEEPLE PROFILE
NO SCALE



- KEYNOTES:**
- (E) REINFORCED MASONRY WALL
 - PROVIDE 8" REINFORCED CONCRETE SLAB ON 3" 20 GA. B FORMLOK STEEL DECKING.
 - (6) #4 BARS EQUALLY SPACED TOP AND BOTTOM EACH DIRECTION
 - (E) REINFORCED MASONRY TOWER WALL. REMOVE THE EXISTING PRE-CAST STONE SPIRE AND BRICK AS REQ'D. LEAVE MIN OF 24" OF EXISTING REINFORCING FROM OLD TOWER EXPOSED AND BEND INTO NEW SLAB.
 - BASE OF NEW ALUMINUM STEEPLE BY OTHERS. PROVIDE 3/4" Ø ANCHOR BOLTS. COORDINATE BOLT QUANTITY AND PLACEMENT WITH STEEPLE FRAME MANUFACTURER

- NOTE**
- CONTRACTOR NOT TO POUR CONCRETE CAP UNTIL STEEPLE SHOP DRAWINGS HAVE BEEN APPROVED
 - DO NOT CUT THE EXISTING VERTICAL REBAR, EXISTING VERTICAL BARS MUST BE BENT INTO THE NEW CONCRETE SLAB.

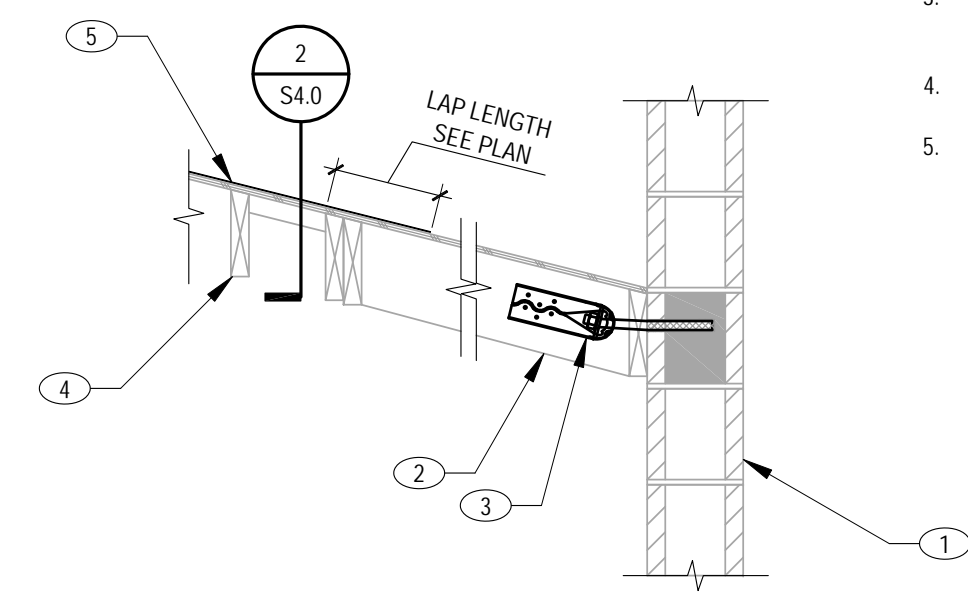


VIEW A-A

2 S4.2 STEEPLE SLAB AND CONNECTION
NO SCALE

KEYNOTE:

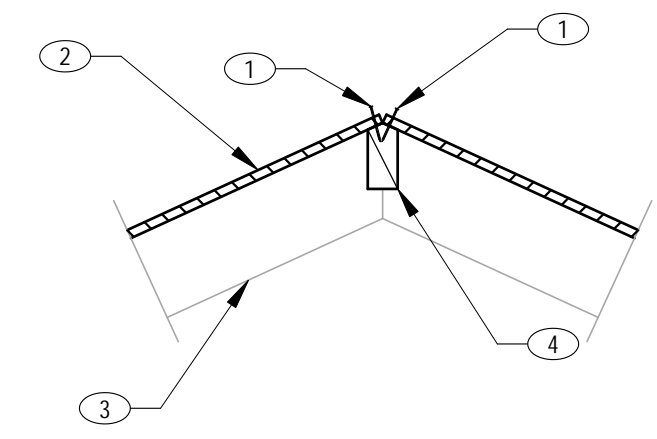
- (E) STEEPLE WALL
- (E) 2x JOIST WITH 2x BLOCK OF MATCHING SIZE SISTERED WITH (2) 10# NAILS @ 12" O.C. AND (2) 3/8" Ø BEADS OF CONSTRUCTION ADHESIVE
- SIMPSON HDU4 HOLD DOWN WITH 3/4" Ø A.B.
- (E) 2x JOIST
- SIMPSON COIL STRAP OVER 2x FLAT BLOCKING. SEE PLAN



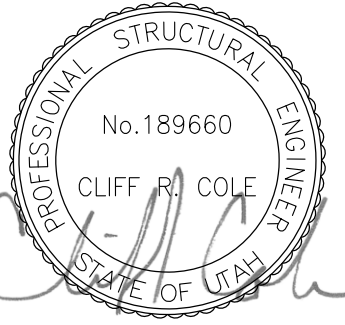
3 S4.2 DETAIL
NO SCALE

KEYNOTES:

- PANEL EDGE NAILING, SEE PLAN AND SCHEDULE
- (E) SHEATHING ADD BLOCKING AS REQ'D PER SCHEDULE
- (E) OVERBUILD JOIST
- 3x BLOCKING WITH (2) 10# COMMON TOE NAILED AT ENDS (OPTION: SIMPSON LS30 AT ENDS)



4 S4.2 TYPICAL RIDGE BLOCKING
NO SCALE



**BOUNTIFUL 7, 15, &
the Church of Jesus Christ of Latter-Day Saints
BOUNTIFUL UTAH SOUTH STAKE
1250 SOUTH MAIN STREET
BOUNTIFUL, UTAH**

REVISIONS	
DATE	DESCRIPTION

PROJECT NO.	19037
DRAWN BY	WCA
CHECKED BY	CC
DATE	02/12/19
PROP. NO.	5115876

DETAIL

S4.2