

KING SOLOMON BAPTIST CHURCH

ROOF REPLACEMENT (PHASE 1) - FINAL CD SET
6125 FOURTEENTH STREET DETROIT, MI



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DRAWING INDEX

NUMBER	SHEET NAME	SUBMISSIONS		
		50% CD	100%CD	Final CD Set
G001	COVER SHEET	■	■	■
G002	LEGENDS, SYMBOLS, ABBREVIATIONS	■	■	■
G003	COMPOSITE ROOF ZONE KEY PLAN	■	■	■
S-001	GENERAL STRUCTURAL NOTES	■	■	■
S-100	FRAMING PLANS	■	■	■
S-300	SECTION AND DETAILS	■	■	■
AD110	DEMOLITION ROOF PLANS	■	■	■
AD201	DEMOLITION ELEVATIONS	■	■	■
AD202	DEMOLITION ELEVATIONS	■	■	■
A110	ROOF PLANS	■	■	■
A201	ELEVATIONS	■	■	■
A202	ELEVATIONS & SECTIONS	■	■	■
A301	DETAILS	■	■	■
A302	DETAILS	■	■	■
A303	DETAILS	■	■	■
Grand total: 15				



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This [King Solomon Baptist Church Roof Replacement (Phase 1)] material was produced with assistance from the African American Civil Rights Grant Program, administered by the National Park Service, Department of the Interior. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the Department of the Interior.

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The views and conclusions contained in this document are those of the authors and should not be interpreted as representing the opinions or policies of the U.S. Government. Mention of trade names or commercial policies does not constitute their endorsement by the U.S. Government."

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VICINITY MAPS



No.	Date	Description

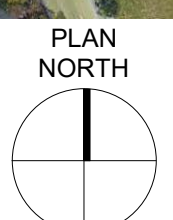
PROJECT MANAGER: A. CECIL
DRAWN BY: S. RUTLAND

QEA No. 42134130

FINAL CD SET
5/27/2022

COVER SHEET

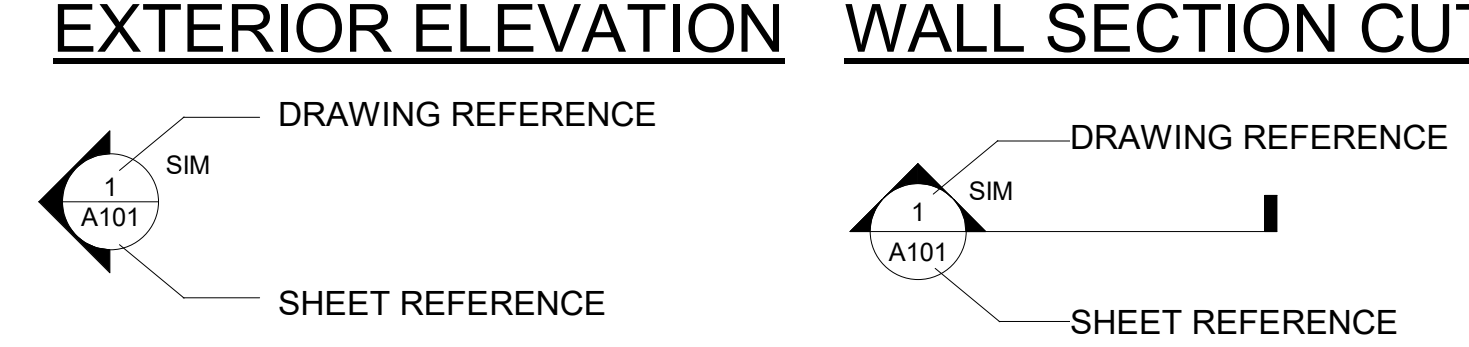
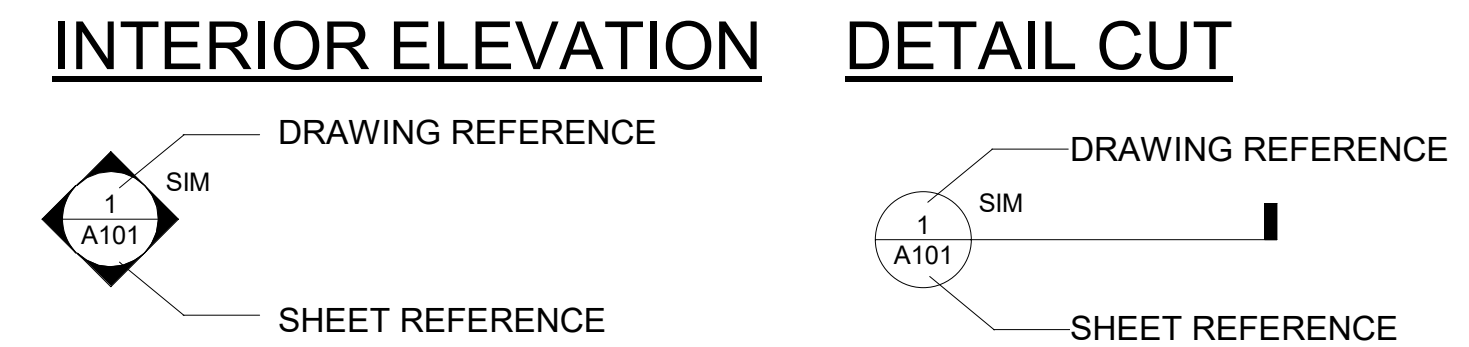
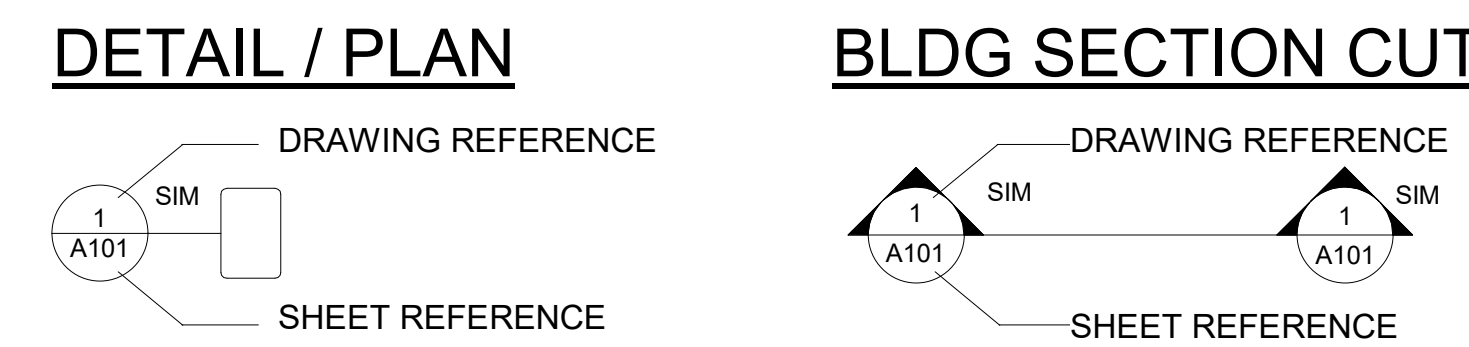
G001



ABBREVIATIONS

A/C AIR CONDITIONING	EXH EXHAUST	LP LOW POINT
A/E ARCHITECT / ENGINEER	EXHB EXHIBIT	LT GA LIGHT GAUGE
ABV ABOVE	EXIST EXISTING	LTG LIGHTING
ACCESS ACCESSIBLE	EXP EXPOSED, EXPANSION	LV LOW VOLTAGE
ACP ACOUSTICAL CEILING PANEL	EXT EXTERIOR	LVT LUXURY VINYL TILE
ACST ACOUSTIC		LW LIGHT WEIGHT
AD AREA DRAIN	FA FIRE ALARM	MAS MASONRY
ADA AMERICANS WITH DISABILITIES ACT	FAS FASTEN(ER)	MATL MATERIAL(S)
ADD'L ADDITIONAL	FD FLOOR DRAIN	MAX MAXIMUM
ADJ ADJACENT/ADJUST	FDC FIRE DEPARTMENT CONNECTION	MDO MEDIUM DENSITY OVERLAY
AFF ABOVE FINISHED FLOOR	FDTN FOUNDATION	MECH MECHANICAL
AFG ABOVE FINISHED GRADE	FE FIRE EXTINGUISHER	MED MEDIUM
AGG AGGREGATE	FEC FIRE EXTINGUISHER CABINET	MEMB MEMBRANE
ALT ALTERNATE	FF FINISH(ED) FACE	MFR MANUFACTURE(R)
ALUM ALUMINIUM	FF&E FURNITURE, FIXTURES & EQUIPMENT	MIN MINIMUM
APPROX APPROXIMATE(LY)	FH FIRE HOSE, FIRE HYDRANT	MISC MISCELLANEOUS
ARCH ARCHITECT(URAL, URE)	FHC FIRE HOSE CABINET	MO MASONRY OPENING
ASPH ASPHALT(IC)	FIN(S) FINISH(ES)	MOD BIT MODIFIED BITUMEN
ASSOC ASSOCIATED	FIXT FIXTURE	MR MLISTURE RESISTANT
AUTO AUTOMATIC	FL FLOOR(ING)	MTD MOUNTED
AVG AVERAGE	FLAM FLAMMABLE	MTG MOUNTING
AWP ACOUSTICAL WALL PANEL	FLUOR FLUORESCENT	MTL METAL
	FO FINISHED OPENING	N NORTH
BBT BIO-BASED TILE	FOS FACE OF STUDS	NA NOT APPLICABLE
BC BRICK COURSE	FP FIRE PROTECTION	NAT NATURAL
BD BOARD	FR FRAME(D,ING), FIRE RATING, FIRE RESISTANT	NC NOISE CRITERIA, NORMALLY CLOSED
BIT BITUMINOUS, BITUMEN	FT FEET	NIC NOT IN CONTRACT, NOISE ISOLATION CLASS
BLDG BUILDING	FTG FOOTING	NO(S) NUMBER(S), NORMALLY OPEN
BLKG BLOCKING	FUR FURR(ED,ING)	NOM NOMINAL
BLKHD BULKHEAD	FWC FABRIC WALL COVERING	NRC NOISE REDUCTION COEFFICIENT
BLW BELOW		NTS NOT TO SCALE
BM BEAM		
BOS BOTTOM OF STEEL	G NATURAL GAS	O-O OUT TO OUT
BOT BOTTOM	GA GAUGE	OC ON CENTER
BR BRASS OR BRONZE	GALV GALVANIZED	OD OUTSIDE DIAMETER
BRG BEARING	GB GRAB BAR	OF/CI OWNER FURNISHED / CONTRACTOR INSTALLED
BTWN BETWEEN	GC GENERAL CONTRACT(OR)	OFC OFFICE
BUR BUILT-UP ROOF	GEN GENERATOR	OH OPPOSITE HAND, OVERHEAD
	GF GLASS FILM	OPNG OPENING(S)
C-C CENTER TO CENTER	GFRC GLASS-FIBER-REINFORCED CONCRETE	ORIG ORIGINAL
CAB CABINET	GFRG GLASS-FIBER-REINFORCED GYPSUM	
CEM CEMENT	GFRP GLASS-FIBER-REINFORCED POLYESTER, GLASS-FIBER-REINFORCED PLASTIC	PA PUBLIC ADDRESS
CFS COLD FORMED STEEL	GL GLASS, GLAZING	PAR PARALLEL
CIP CAST-IN-PLACE	GLU LAM GLUE LAMINATED WOOD	PART PARTITION(S), PARTIAL
CJ CONTROL JOINT	GOVT GOVERNMENT	PC PRECAST
CL CENTER LINE	GT GROUT	PERF PERFORATE(D)
CLG CEILING	GWB GYPSUM WALLBOARD	PL PLATE, PROPERTY LINE
CLO CLOSET		PLAM PLASTIC LAMINATE
CLR CLEAR(ANCE)	H HIGH	PLAS PLASTER
CMU CONCRETE MASONRY UNIT	HAZ MAT HAZARDOUS MATERIAL	PLWD PLYWOOD
COL COLUMN	HB HOSE BIBB	PNL PANEL(ED)
COM COMMUNICATIONS	HC HOLLOW CORE, HOSE CABINET	POL POLISHED
CONC CONCRETE	HCWD HOLLOW CORE WOOD DOOR	POLY POLYETHYLENE
COND CONDITION	HD HEAVY DUTY	PR PAIR
CONFIG(S) CONFIGURATION(S)	HDR HEADER	PREP PREPARE (SURFACE)
CONST CONSTRUCTION	HDWD HARDWOOD	PROV PROVIDE(D)
CONT CONTINUOUS	HDWR HARDWARE	PSF POUNDS PER SQUARE FOOT
COORD COORDINATE	HID HIGH INTENSITY DISCHARGE	PSI POUNDS PER SQUARE INCH
CORR CORRIDOR	HM HOLLOW METAL	PT PAINT, POST-TENSIONED, PRESSURE TREATED
CPT CARPET(ED)	HORIZ HORIZONTAL(LY)	PTD PAINTED
CT CERAMIC TILE	HP HIGH POINT	PVC POLYVINYL CHLORIDE
CTR CENTER	HSS HOLLOW STRUCTURAL SECTION	PVMT PAVEMENT
	HT HEIGHT(S)	PWR POWER
D DEEP/DEPTH	HT HEIGHT	QT QUARRY TILE
DBL DOUBLE	HVAC HEATING, VENTILATION & AIR CONDITIONING	QTY QUANTITY
DEG DEGREE	HW HOT WATER	QUAD QUADRANT
DEMO DEMOLISH, DEMOLITION	ID INSIDE DIAMETER	QZ QUARTZ
DETER DETERIORATING, DETERIORATED	ILO IN LIEU OF	QZT QUARTZ TILE
DF DRINKING FOUNTAIN	IN INCH(ES)	
DIA DIAMETER	INCAN INCANDESCENT	R RADIUS, RISER, THERMAL RESISTANCE
DIAG DIAGONAL	INCL INCLUDE(S,D,ING)	RB RUBBER BASE
DIM(S) DIMENSION(S)	INFO INFORMATION	RBR RUBBER
DIV DIVIDE	INSUL INSULATION, INSULATED	RCP REFLECTED CEILING PLAN
DN DOWN	INT INTERIOR	RD ROOF DRAIN
DR DOOR, DRAIN	INV INVERT	REBAR REINFORCING BAR
DS DOWNSPOUT	IRMA INVERTED ROOF MEMBRANE ASSEMBLY	REF REFERENCE
DTL DETAIL		REG REGISTER, REGULATION
DWG(S) DRAWING(S)	J-BOX JUNCTION BOX	REINF REINFORCED
DWR DRAWER	JAN JANITOR	REPL REPLACE
	JT(S) JOINT(S)	REQ REQUIRED
E EAST	KIT KITCHEN	RES RESILIENT
E-P EPOXY PAINT	KO KNOCK OUT	RET RETAINING, RETURN
EA EACH		REV REVISION(S) / REVISE(D)
EJ EXPANSION JOINT	L ANGLE	RFG ROOFING
EL ELEVATION (TOPO)	LAM LAMINATE(D)	RH RIGHT HAND, RELATIVE HUMIDITY
ELEC ELECTRICAL	LAV LAVATORY	RHR RIGHT HAND REVERSE
ELEV ELEVATION (ARCH), ELEVATOR	LBL LABEL	RL RAIN LEADER
EMER EMERGENCY	LH LEFT HAND	RM ROOM
ENCL ENCL(US,E,URE)	LHR LEFTHAND REVERSE	RO ROUGH OPENING
ENGR ENGINEER	LL LIVE LOAD	RS RESILIENT SHEET
ENTR ENTRANCE	LLH LONG LEG HORIZONTAL	RTF RUBBER TILE FLOOR
EOS EDGE OF SLAB	LLV LONG LEG VERTICAL	RTU ROOF TOP UNIT
EPDM ETHYLENE PROPYLENE DIENE MONOMER		RV ROOF VENTILATOR
EPS EXPANDED POLYSTYRENE BOARD		
EQ EQUAL		
EQUIP EQUIPMENT		
EST ESTIMATE(D)		
EW EACH WAY		
EWC ELECTRIC WATER COOLER		

GRAPHIC SYMBOLS



MATERIAL SYMBOLS

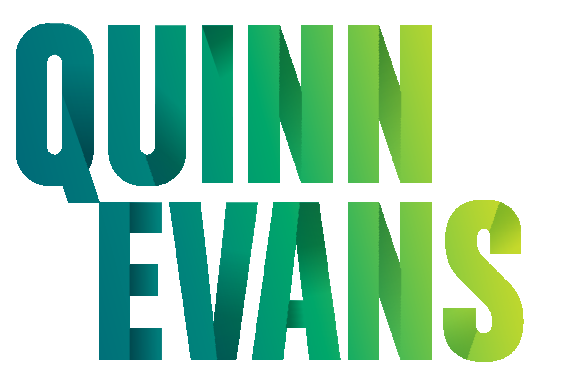
	EARTH		BATT INSULATION
	GRAVEL		RIGID INSULATION
	CONCRETE-PLAN		SPRAY FOAM INSULATION
	CONCRETE-SECTION		SPRAY FIREPROOFING
	PRECAST CONCRETE		GLASS
	BRICK		PLASTIC
	CMU		SHIM
	GROUT		SEALANT & BACKER ROD (SIZE AS INDICATED)
	STONE		GYPSUM BOARD / PLASTER
	STEEL		PLASTER AND LATH
	ALUMINUM		METAL STUD
	BRASS/BRONZE		METAL TRACK
	DIMENSIONAL LUMBER (SIZE AS INDICATED)		ACOUSTICAL CEILING
	DISCONTINUOUS LUMBER (SIZE AS INDICATED)		CARPET
	WOOD		
	PLYWOOD		
	PARTICLE BOARD		

SYMBOLS

	Room name		ROOM NUMBER		KEYNOTE
	ROOM NUMBER		ROOM FINISH TYPE		MATERIAL DESIGNATION (REFER TO MATERIALS SCHED.)
	DOOR NUMBER		WALL TYPES		REVISION CLOUD AND INDICATOR
	WINDOW NUMBER		WINDOW		CONSTRUCTION ASSEMBLY
	LOUVER TAG		EXISTING ELEVATION		MATCHLINE
	NEW ELEVATION		EXISTING COLUMN LINE		NEW COLUMN LINE
	WORK POINT				

GENERAL PROJECT NOTES

G 1	PERFORM WORK IN ACCORDANCE WITH APPLICABLE LAWS, ORDINANCES, CODES AND REQUIREMENTS. GENERAL CONTRACTOR SHALL OBTAIN ALL PERMITS AND APPROVALS AS REQUIRED FOR THE COMPLETION OF THE WORK BY THE AUTHORITY HAVING JURISDICTION.
G 2	EXISTING GROUND ELEVATION IDENTIFIED AS 100'-0" IN DRAWINGS. CONTRACTOR TO VERIFY FLOOR TO FLOOR HEIGHTS.
G 3	BUILDING IS UNOCCUPIED AND WILL REMAIN AS SUCH DURING CONSTRUCTION. CONTRACTOR TO COORDINATE ACCESS AND SECURING OF BUILDING AND WORK AREA WITH OWNER.
G 4	ALTHOUGH INTENDED TO CONVEY APPROPRIATE INFORMATION, THESE DRAWINGS HAVE BEEN PREPARED FROM LIMITED FIELD MEASUREMENTS. AS SUCH, DRAWINGS MAY CONTAIN DISCREPANCIES DUE TO CONCEALED CONDITIONS, ABSENCE OF EXISTING DRAWINGS, UNRECORDED BUILDING ALTERATIONS, AND MISSING OR DETERIORATED ELEMENTS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND MEASUREMENTS. NOTIFY ARCHITECT REGARDING DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS PRIOR TO COMMENCING WORK.
G 5	BUILDING INTERIOR CONTAINS DEBRIS FROM STRUCTURE DETERIORATION AND EXPOSURE TO THE ELEMENTS. CONTRACTOR TO COORDINATE CLEAR PATHS FOR ACCESS TO AND EGRESS FROM AREAS OF WORK WITH OWNER. OWNER IS RESPONSIBLE FOR CLEARING PATHS & IDENTIFYING ANY MATERIALS TO BE RETAINED.
G 6	FLOOR AREAS AND STRUCTURE DIRECTLY BELOW AND ADJACENT TO AREAS OPEN TO THE ELEMENTS ARE TO BE CONSIDERED UNSAFE FOR OCCUPANCY, CIRCULATION OR STORAGE.
G 7	OCCUPANCY IS NOT TO OCCUR ON, AND WORK IS NOT TO BE PERFORMED FROM, WOOD FRAMED ROOF AREAS WHERE ROOFING IS NOT BEING REMOVED AND CONDITION OF DECKING AND FRAMING IS NOT VISIBLE AND STRUCTURAL INTEGRITY IS NOT ABLE TO BE CONFIRMED. CONTRACTOR TO PROVIDE ALTERNATE MEANS OF STAGING AND ACCESS TO PERFORM SCOPE IN AREAS OF WORK.



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6125 FOURTEENTH STREET DETROIT, MI

No.	Date	Description
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PROJECT MANAGER: A. CECIL
DRAWN BY: S. RUTLAND

QEA No.42134130
FINAL CD SET
5/27/2022

LEGENDS, SYMBOLS, ABBREVIATIONS

G002

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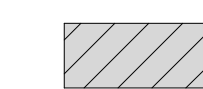

**KING SOLOMON BAPTIST
CHURCH**

**ROOF REPLACEMENT
(PHASE 1) - FINAL CD SET**

6125 FOURTEENTH STREET DETROIT, MI

SITE INFORMATION	
ADDRESS	6125 14TH ST DETROIT, MI
LEGAL DESCRIPTION	W 14TH 34 THRU 38 PETER HUGHES 2ND SUB L26 PYS PLATS, W C R 10/57 39 AMENDED PLAT OF PETER HUGHES 2ND SUB L26 P88PLATS, W C R 10/56 216.12 IRREG
PARCEL ID #	10005106.
SCOPE OF WORK	EXISTING BUILDING ROOF REPAIRS
PROPERTY CLASS	201 - COMMERCIAL
PROPERTY USE	22650 - RELIGIOUS STRUCTURE/USE
ZONING	B4
# OF BUILDINGS/ STRUCTURES	4
TOTAL AREA (SF)	35909
TOTAL ACREAGE	.526 AC
DEPTH X FRONTAGE (FT)	106 X 216
<i>*SOURCE CITY OF DETROIT PARCEL VIEWER</i>	

ROOF ZONE LEGEND

-  NIC - NOT IN CONTRACT (PHASE 1)
-  AREA OF WORK (PHASE 1)

No.	Date	Description

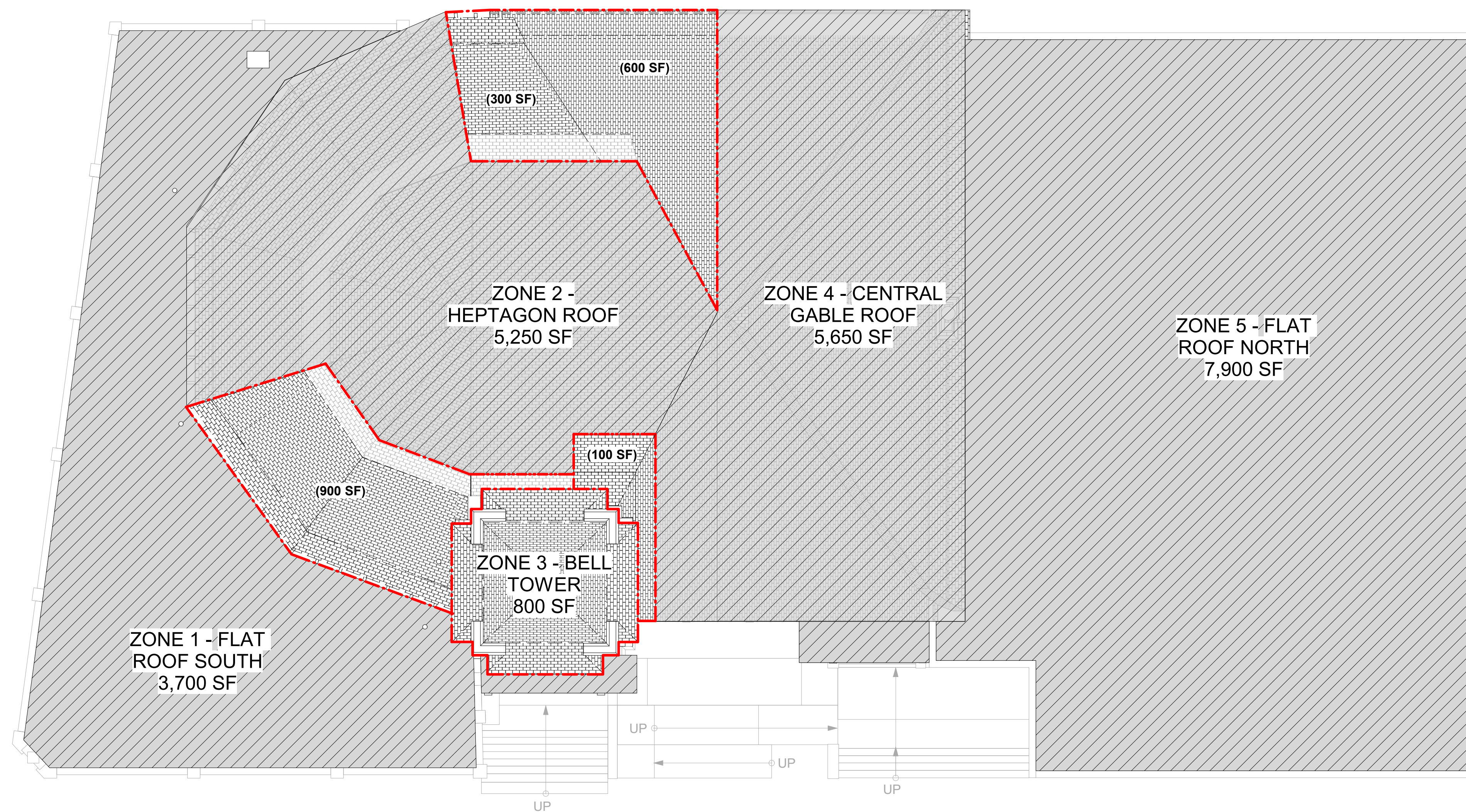
PROJECT MANAGER: A. CECIL
DRAWN BY: S. RUTLAND

QEA No. 42134130

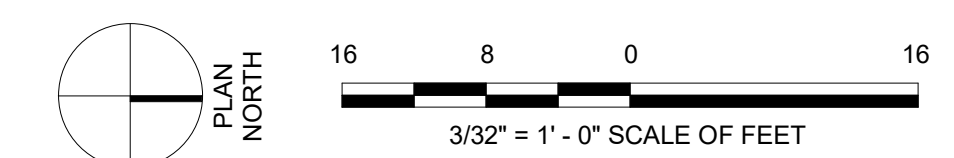
FINAL CD SET
5/27/2022

**COMPOSITE ROOF
ZONE KEY PLAN**

G003



A5
G003
COMPOSITE ROOF ZONE KEY PLAN
3/32" = 1'-0" REFERRED FROM:



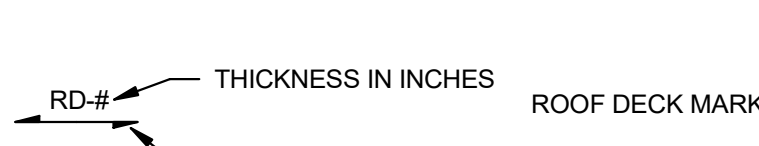
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 PLOT FILE NAME:

STATEMENT OF SPECIAL INSPECTIONS - WOOD CONSTRUCTION					
TASK	INSPECTION FREQUENCY		REFERENCED STANDARD	MBC REFERENCE	RESPONSIBLE AGENT
	CONTINUOUS	PERIODIC			
1. PRE-FABRICATED WOOD					
A. INSPECTION OF FABRICATION PROCESS OF PRE-FABRICATED WOOD STRUCTURAL ELEMENTS.	-	X	MANUFACTURERS FABRICATION AND QUALITY CONTROL PROCEDURES	1704.2.5, 1705.5	SI

SPECIAL INSPECTION NOTES

- PERFORM SPECIAL INSPECTIONS IN ACCORDANCE WITH THE 2015 MICHIGAN (INTERNATIONAL) BUILDING CODE CHAPTER 17 AND AS MODIFIED IN THE MATERIAL SPECIFIC STATEMENTS OF SPECIAL INSPECTION.
- DESIGNATION OF RESPONSIBLE AGENT AND THEIR QUALIFICATIONS
 - SPECIAL INSPECTOR QUALIFIED WITH DEMONSTRATED COMPETENCE DOCUMENTED BY CERTIFICATIONS FROM RECOGNIZED AGENCIES SUCH AS AWS, ACI, MASONRY INSTITUTE OF MICHIGAN (MIM), ETC., AS SUBMITTED AND APPROVED BY THE BUILDING OFFICIAL. SPECIAL INSPECTOR MAY BE A FIRM WITH MULTIPLE SPECIALISTS AND A PROJECT MANAGER PROVIDING REPORTS.
 - TESTING AGENCY QUALIFIED TO TEST AND INSPECT MATERIALS AND ASSEMBLIES. TESTING AGENCY SHALL BE UNDER THE SUPERVISION OF THE SPECIAL INSPECTOR.
 - GEOTECHNICAL ENGINEER WHO PROVIDED THE ORIGINAL PROJECT GEOTECHNICAL SOILS INVESTIGATION REPORT.
 - SPECIALTY ENGINEER RESPONSIBLE FOR DESIGNING ASSEMBLIES SUCH AS PRECAST CONCRETE, STEEL JOISTS, COLD FORMED FRAMING ASSEMBLIES, ETC. SPECIALTY ENGINEER SHALL PROVIDE OBSERVATION OF FABRICATED AND INSTALLED ITEMS OF THEIR DESIGN IN ADDITION TO THE SPECIAL INSPECTION.
 - TA, GE AND SE SHALL SUBMIT RECORDS OF THE INSPECTION RESULTS TO THE SI. THE SI SHALL COMPARE AND SUBMIT INSPECTION RECORDS TO THE ARCHITECT/ENGINEER AND BUILDING OFFICIAL. RECORDS SHALL INCLUDE STATEMENTS OF TESTS, WHETHER INSTALLED/FABRICATED ITEM COMPLIES WITH CONTRACT DOCUMENTS, REMEDIAL WORK PERFORMED, RETESTS.
 - SI SHALL PROVIDE A DAILY REPORT OF ANY DISCREPANCIES FROM THE CONTRACT DOCUMENTS FOUND ON THE SAME DAY OF THE INSPECTION TO THE ENGINEER OF RECORD. FORMAL REPORTS OF COMPLIANCE CAN FOLLOW BY A MAXIMUM OF 2 WEEKS. SI SHALL PROVIDE AND SIGN FINAL REPORT WITH A SUMMARY OF ALL TESTS PERFORMED AND RESULTS TO THE ENGINEER OF RECORD AND BUILDING OFFICIAL, IN ACCORDANCE WITH SECTION 1704.2.4.
 - SI, TA & GE SHALL BE PAID BY THE OWNER IN COMPLIANCE WITH THE MICHIGAN (INTERNATIONAL) BUILDING CODE.
 - WHERE FABRICATION OF STRUCTURAL LOAD-BEARING OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES IS BEING CONDUCTED ON THE PREMISES OF A FABRICATOR'S SHOP, SPECIAL INSPECTIONS OF THE FABRICATED ITEMS SHALL BE PERFORMED DURING FABRICATION. SPECIAL INSPECTIONS DURING FABRICATION ARE NOT REQUIRED WHERE THE FABRICATOR MAINTAINS APPROVED DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND THE GOVERNING BUILDING CODE. APPROVAL SHALL BE BASED UPON REVIEW OF FABRICATION AND QUALITY CONTROL PROCEDURES AND PERIODIC INSPECTION OF FABRICATION PRACTICES BY THE BUILDING OFFICIAL. SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE FABRICATOR IS REGISTERED AND APPROVED IN ACCORDANCE WITH SECTION 1704.2.5.1.
 - REFER TO MATERIAL SPECIFIC STATEMENTS OF SPECIAL INSPECTION AND GENERAL STRUCTURAL NOTES FOR ADDITIONAL QUALITY CONTROL, TESTING AND INSPECTIONS.

DECK AND SLAB SYMBOLS



SPECIAL CHARACTERS

- Ø Diameter, Small
- ∅ Diameter, Large
- Degree
- Bullet Point, Rd, Small
- Bullet Point, Rd, Large
- Bullet Point, Sq, Small
- Bullet Point, Sq, Large
- ± Plus or minus

ABBREVIATIONS

- | | |
|--------|-------------------------------|
| ADD | ADDITIONAL |
| APPROX | APPROXIMATE |
| ARCH | ARCHITECTURAL |
| BF | BRACED FRAME |
| BOF | BOTTOM OF FOOTING |
| BOS | BOTTOM OF STEEL |
| BP | BEARING PLATE |
| BRS | BEARING |
| CANT | CANTILEVERED |
| CFM | COLD FORMED METAL FRAMING |
| CP | CAST IN PLACE |
| CJ | CONTROL OR CONSTRUCTION JOINT |
| CMU | CONCRETE MASONRY UNIT |
| CCL | CONCRETE |
| CONN | CONNECTION |
| CONT | CONTINUOUS OR CONTINUATION |
| CONTR | CONTRACTOR |
| COORD | COORDINATE |
| DIA | DIAMETER |
| DIAG | DIAGONAL |
| DIM | DIMENSIONS |
| DWG | DRAWING |
| EF | EACH FACE |
| EL | ELEVATION |
| EQ | EQUAL |
| EW | EACH WAY |
| EX | EXISTING |
| EXP | EXPANSION |
| EXT | EXTERIOR |
| FIN | FINISH FLOOR |
| FOUND | FOUNDATION |
| FTG | FOOTING |
| GALV | GALVANIZED |
| GB | GRADE BEAM |
| HORIZ | HORIZONTAL |
| INT | INTERIOR |
| JOINT | JOINT |
| LLBB | LONG LEGS BACK TO BACK |
| LSH | LONG SIDE HORIZONTAL |
| LSV | LONG SIDE VERTICAL |
| MAX | MAXIMUM |
| MECH | MECHANICAL |
| MIN | MINIMUM |
| MP | MASONRY PIER |
| NIC | NOT IN CONTRACT |
| OC | ON CENTER |
| OD | OVERFLOW ROOF DRAIN |
| OH | OPPOSITE HAND |
| OPNG | OPENING |
| PC | PRECAST |
| PERIM | PERIMETER |
| PL | PLATE |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| RD | ROOF DECK |
| REF | REFERENCE |
| REINF | REINFORCING |
| REQD | REQUIRED |
| RTU | ROOF TOP UNIT |
| SIM | SIMILAR |
| SLBB | SHORT LEGS BACK TO BACK |
| SOG | SLAB ON GRADE |
| SP | SPACING |
| TOC | TOP OF CONCRETE |
| TOF | TOP OF FOOTING |
| TOS | TOP OF STEEL |
| TYP | TYPICAL |
| UN | UNLESS OTHERWISE NOTED |
| VERT | VERTICAL |
| VIF | VERIFY IN FIELD |
| W/O | WITHOUT |
| WWF | WELDED WIRE FABRIC |

WOOD

- Framing Lumber: Spruce Pine Fir No. 2 or better or as noted otherwise.
- Laminated Veneer Lumber (LVL): All LVL members shall have the following minimum properties: Fb = 2600 psi, Fv = 285 psi, E = 1900 ksi.
- TimberStrand (LSL): All LSL members shall have the following minimum properties: Fb = 1700 psi, Fc = 635 psi, E = 1900 ksi.
- Parallel (PSL): All PSL posts shall have the following minimum properties: Fb = 2400 psi, Fc parallel to grain = 2500 psi, E = 1800 ksi.
- Wolmanized Parallel (WPSL): All exterior exposed posts shall be WPSL posts shall have the following minimum properties: Fb = 1728 psi, Fc parallel to grain = 1450 psi, E = 1566 ksi.
- Wood Structural Panel Sheathing: All panels shall be and rated by the American Plywood Association (APA).
- Nails: Standard Common with the following minimum penetrations into support member:
 - 6d (diameter 0.113") with 1.25" penetration
 - 8d (diameter 0.131") with 1.50" penetration
 - 10d (diameter 0.148") with 1.62" penetration
 - 16d (diameter 0.162") with 1.75" penetration
- Bolts for connections: ASTM A307 with ASTM A563 heavy hex nuts and hardened washers, Grade A, unless noted otherwise.
- Special Treatments (American Wood Preservers Institute Standards): All wood in contact with concrete, masonry or soil. Pressure treated with Wolman CCA preservative or equal.
- Minimum Nailing Requirements (See drawings for areas with greater requirements):
 - Roof: Nail all sheathing panels with 8d common nails at 6" o.c. at all supported edges and at 12" o.c. at all intermediate supports. Use two plicys between each support for spans of 48" o.c. and one plicy between each support for lesser spans at all unsupported panel edges.
 - Floor: Nail all sheathing panels with 8d common nails at 6" o.c. at all supported edges and 8d at 10" o.c. at all intermediate supports.
 - Walls: Nail all sheathing panels with 8d common nails at 6" o.c. at all edges and at 12" o.c. at all intermediate supports (3/8" or 7/16" panels on studs spaced at 24" o.c. requires 6" spacing at all intermediate supports).
- General Framing and Carpentry: Connect all items as per NDS "Fastening Schedule", unless noted otherwise.
- Framing Connections
 - All Framing connections not shown or otherwise indicated on the drawings shall be connected in a manner similar to the connections shown in the drawings or with approved Simpson Strong-Tie Connectors or Equal. The following notations refer to Simpson Strong-Tie Connectors:
 - Joist and Rafters: "J" or "R" hangers as required.
 - Beams: "EG" Hangers and "HGLB" Beam Seats.
 - Hinge connectors: "HCCT"
 - Columns: "CC" Column and "CB" Column Bases.
 - Hold Down Anchors: "HDL" and "HTT."
- Blocking, Bridging, and Bracing: Provide solid shaped blocking at least 2" (nominal) thick and full depth of joist at ends and at each support of joist. Provide approved bridging at 8'-0" o.c. maximum between joist end supports. Solid blocking between joists shall be nailed to the wood plate at the top of the wall with one Simpson "AS3" framing anchor per each piece of blocking. Fill all holes in the framing anchors with 8-d short nails.
- Laminated built-up beams of 2X member 12 in. or less in depth shall be spiked together with not less than 16-d spikes at twelve-inch (12 in.) centers, staggered. Unless so spiked, or if the depth of beam is more than twelve inches (12 in.), the laminations shall be connected together with 1/2" diameter bolts at 24 in. o.c. staggered. Bolts shall be placed 1/4" of the depth of the member from the top and bottom of the member.
- Pre-fabricated Steel Plate Wood Trusses:
 - Design Loading: The truss manufacturer is responsible for design and fabrication of the trusses. They shall be designed to support the concentrated and other distributed loads as shown on the framing plans in addition to the following uniform loads:
 - Roof Trusses:
 - Dead Load (Top Chord) = 10 pcf
 - Dead Load (Bottom Chord) = 15 pcf
 - Live Load (Top Chord) = 20 pcf
 - Wind loading per load maps
 - Total load deflection limit = span/240
 - Live load deflection limit = span/360
 - Correlate the design with all mechanical equipment, fire sprinkling systems and hanging walls supported by the trusses. Provide extra trusses where required.
- Submittals: Complete calculations and shop drawings indicating all member forces, stresses, lumber grades, dimensions, steel truss plate sizes and locations shall be submitted and reviewed by the engineer before fabrication. Each connector shall be dimensioned on the shop drawings as to its exact location at the joint. Shop drawings and calculations shall bear the seal of a professional engineer licensed in the State of the Project. After truss installation, the fabricator shall certify in writing that the trusses have been installed according to its specifications.
- Steel Connector Plates: Use only galvanized steel connector plates that comply with the Truss Plate Institute publication, TP1-1995. All steel connector plates must be approved by the International Conference of Building Officials Evaluation Services. Submit a copy of the ICBO Report for the connector plate used. Values established by this committee must be indicated on the shop drawings.
 - The minimum size for any connector shall be 15 square inches.
 - All steel gusset plates shall be located on the joint as the stresses require and shall provide a minimum bite of 2.5" length on all tension members.
 - Plates shall be pressed or rolled into member to obtain full penetration without crushing the outer surfaces of wood.
 - Steel plates at compression web members shall be designed to resist 100% of the compression force without considering wood to wood bearing.
 - All steel plate dimensions shall be increased by 10% above that required by analysis. Stress increases for steel connector plate values for duration of load are not allowed.
- Wood Members: All wood members of the truss shall be constructed of kiln dried lumber. The trusses shall be handled and stored in a manner to prevent moisture from being absorbed by the wood. Grade stamps shall be visible on framing members. Splices in chords shall occur at 1/4 of the panel span from a joint.
- The trusses shall be designed by the truss supplier according to the following criteria:
 - Bending moments in the top and bottom chords shall be based on the following moment coefficients:
 - 1/8 for one and two continuous span conditions.
 - 1/10 for three or more continuous span conditions.
 - Web members shall be designed using an effective length factor: K = 1.0
- Lateral Bracing: Lateral bracing and bridging may be required by the design of the pre-fabricated wood roof truss to reduce the buckling length of individual truss members and provide stability during erection. This bracing or bridging may be in the form of 2 x 4 horizontal bracing or bridging with 2 x 4 cross-bracing spaced at 24'-0" o.c. maximum and at each end of the bracing or bridging. The 2 x 4 cross bracing shall be connected to the truss top chord and the horizontal bracing and truss bridging is to be supplied and installed at the location specified on the pre-fabricated wood roof truss design drawings by the General Contractor.
- Other requirements for truss stability and erection shall comply with the Truss Plate Institute publications entitled "Commentary and Recommendations for Bracing Wood Trusses" and "Commentary and Recommendations for Handling and Erecting Wood Trusses". The contractor shall have copies of these publications on site and shall be familiar with their contents.
- Prior to the fabrication of the pre-fabricated wood trusses, the contractor shall submit, in writing, proof of compliance of in-plant inspection by an ICBO approved independent inspection agency. The in-plant inspections shall comply with section 1704.2 of the International Building Code.
- The truss manufacturer's identification stamp shall be clearly visible.

POST-INSTALLED ANCHORS IN CONCRETE

- Expansion anchors
 - Expansion Anchors shall be per CODE requirements.
 - Expansion Anchors shall be: Kwik-Bolt TZ (ESR-1917) by Hill, Power-Such SD2 (ESR-2502) by Power Fasteners, Strong Bolt (ESR-1771) by Simpson, Tri-Bolt® (ESR-2427) by ITW Red Head or approved equal.
 - For interior condition use carbon steel anchors and for exterior condition use stainless steel anchors.
 - Tension test 50% of all expansion anchors to test load provided by manufacturer.
- Adhesive anchors
 - Comply with CODE requirements.
 - Adhesive anchors shall be HIT-HY 200 (ESR-3187) by Hill, HIT-RE 500 SD (ESR-2732) by Hill, Set-XP (ESR-2508) by Simpson, or approved equal.
 - For interior condition use carbon steel anchors and for exterior condition use stainless steel anchors.
 - Tension test 50% of all expansion anchors to test load provided by manufacturer.

SPECIAL INSPECTIONS

- Special inspections shall be provided by the Owner's Testing Lab in accordance with the code and the project specifications. The special inspector shall observe the work for conformance with the construction documents. The special inspector shall send reports to the inspector of record, architect, engineer, contractor and Owner. All discrepancies shall be brought to the attention of the contractor for correction. When work is done to the satisfaction of the inspector, then the special inspector shall submit a final signed report stating that, to the best of their knowledge, the work was completed in conformance with the plans, specifications, and the applicable workmanship provisions of the CODE.
- Refer to Special Inspection tables and notes for specific requirements.

EXISTING CONSTRUCTION

- Before submitting a proposal for work, and/or preparing shop drawings for this work each Bidder, Contractor and Sub-Contractor shall visit the site and become fully acquainted with the existing conditions, temporary construction required, type of equipment required to perform the work.
- Verify all existing dimensions, conditions, members sizes and elevations with the information provided on the drawings. Information provided on drawings is based on limited field observations and available existing drawings which may not reflect actual conditions. Discrepancies to be noted and immediately brought to the attention of the Structural Engineer. Provide temporary shoring and bracing as required before, during and after construction as required until all materials have reached the required strength and stability.
- Existing construction not undergoing alteration is to remain undisturbed. Where such construction is disturbed as a result of the operations of this contract, Contractor shall repair or replace as required and to the satisfaction of the Architect/Structural Engineer and Owner's Representative.
- Verify the existing, location and elevation of existing utilities, sewers, drains, etc. in demolition areas and adjacent to new work before proceeding, do not proceed with work until discrepancies have been resolved.
- Provide fire safety precautions during field cutting and welding operations, meeting the Owner's requirements.
- Provide temporary protection of existing equipment during execution of work, satisfying the Owner's requirements.
- Provide temporary protection to prevent damage from the weather and vandalism.
- Coordinate work with the Owner's personnel to avoid any interference in their operations.
- Refer to "SHORING AND BRACING" notes for additional requirements.

SHORING AND BRACING

- Contractor shall provide temporary shoring and bracing of existing construction, new construction and underground utilities as follows:
 - Where shown or noted on the Drawings.
 - Where existing construction is to be altered or disturbed until permanent support is in place.
 - Where existing construction is not undergoing alteration and is to remain undisturbed but is disturbed as a result of the work of this contract.
 - As required for safe erection, installation of new construction, equipment, etc.
- When needed for Contractor's "means and methods" of construction, and other safety related issues.
- Shoring and bracing shown on the Drawings is conceptual. Contractor shall be responsible for verifying existing conditions, shoring and bracing calculations, methods of installation, transfer of loads through to final load support, and work sequence phasing with new construction.
- Shoring and bracing shall be performed by a Contractor with minimum 5 years demonstrated experience in similar size and scope of shoring and bracing projects.
- Shoring and bracing shall be designed by a Professional Engineer registered in the State of the Project with minimum 5 years demonstrated experience in similar size and scope of shoring and bracing projects. Design loads and methods shall conform to applicable codes. Soil and material strengths shall be verified by tests, unless conservative estimates that do not affect deflections and deformations are approved by the Architect/Structural Engineer.
- Contractor shall submit drawings and calculations sealed and signed by the Contractor's Professional Engineer showing complete design including temporary conditions, final conditions and sequence of work.
- Before starting work, Contractor shall perform condition survey of the existing building structure, exterior facade and interior finishes, including photographic documentation and submit survey to the Owner for record.
- During the shoring and bracing operations, Contractor shall:
 - Keep the existing and new construction in a safe condition.
 - Monitor existing and new construction to detect any signs of distress or deformation.
 - Take immediate steps to prevent distress, deformation or damage.
- Contractor shall continuously monitor the shoring and bracing system. Contractor shall review and ascertain that all field connections are completed according to the Contractor's design and issue approval for inspection of the work by the Testing Agency.
- After completion of shoring and bracing and completion of work requiring shoring and bracing, Contractor shall repair any damage to the existing and new construction, without any cost to the Owner, and to the satisfaction of the Owner and Architect/Structural Engineer.

GENERAL NOTES

- Governing Design Code: 2015 Michigan Building Code with local jurisdiction amendments (hereafter referred to as "CODE").
- All construction shall be in accordance with the following:
 - CODE
 - Drawings and Specifications
- The structural drawings notes are intended to work together and be complementary with the project specifications. Consult the specifications for additional requirements in each section. Information provided on structural drawings shall take precedence over typical details and structural notes.
- Typical details and general notes shall apply UNO.
- The structural drawings shall be used in conjunction with the architectural drawings. See architectural drawings for information not shown, including but not limited to the following:
 - Setting out dimensions and angles of all grid lines
 - Setting out dimensions of concrete walls and wall openings that are not shown on the structural drawings.
 - Dimensions not shown on the structural drawings
 - Waterproofing system and details
- Contractor is responsible for the coordinating all equipment pad sizes and locations with the actual layout provided in the shop drawings.
- Drawing scales noted on structural drawings are for reference only. Do NOT scale drawings. The contractor shall verify dimensions provided with the architect prior to proceeding with work.

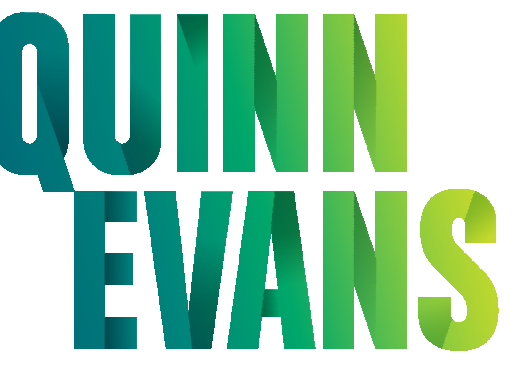
STRUCTURAL OBSERVATIONS

- Resurget Engineering shall provide Structural Observation of the structural systems for general conformance to the drawings and specifications at significant stages of construction and at completion of the primary structural system as defined in Code.
- Structural Observation does not include or waive any of the responsibilities of the Special Inspector as required per the Section "Special Inspections".
- At the conclusion of work included in permit, the structural observer will submit to the building official a written statement that the structural observations have been completed and that to the best of their knowledge the work is in conformance with the construction documents.
- Structural Observation on this project shall be conducted on the following structural elements:
 - Stick Built Wood Construction

SHOP DRAWINGS:

- Verify all existing dimension before submitting shop drawings for review.
- Review all shop drawings for accuracy and compliance with shop drawing before submitting for review. Review of shop drawings does not relieve the Contractor of any responsibility or errors and omissions.
- Use of 2D Drawing or 3D REVIT model does not relieve the Contractor of any responsibility specified in the contract documents.
- Allow a minimum of 10 working days for review by Structural Engineer of each set of submitted contract drawing. Submit shop drawings in reasonable quantities with at least 10 working days between submittals. Review time stated is for Structural Engineer only, add additional time to schedule as required for review by other disciplines.
- Contractor shall coordinate work between multiple trades before submitting shop drawings. Dimensions and elevations specific to equipment installation shall be provided and coordinated prior to submittal for review. Failure to provide these dimensions shall result in return of shop drawings without review.
- Structural Engineer is not responsible for coordination of work marked as "by others" on shop drawings.

DESIGN CRITERIA			
Design is in accordance with CODE		CODE REFERENCE	
Risk Category	III	IBC Table 1604.5	
		ASCE Table 1.5-1	
FLOOR LIVE LOADS			
		CODE REFERENCE	
ROOF	20 PSF	ASCE Table 4-1	
SNOW LOADS			
		CODE REFERENCE	
Ground Snow Load	Pg = 25 PSF	ASCE Figure 7-1	
Flat Roof Snow Load	Pf = 22 PSF (minimum)	ASCE Section 7.3	
Exposure Factor	Ce = 1.0	ASCE Table 7-2	
Importance Factor	I = 1.1	ASCE Table 1.5-2	
Thermal Factor	Ct = 1.0	ASCE Table 7-3	
Snow loads adjacent to vertical projections, on lower roofs adjacent to high roofs, or sloped roofs are increased for the effects of drifting.			
WIND LOADS			
		CODE REFERENCE	
Ultimate Design Wind...	V(ULTIMATE) = 120 MPH	ASCE Figure 26.5-1A	
Nominal Design Wind Speed	V(SERVICE) = 89 MPH	IBC Section 1609.3.1	
Exposure Category	B	ASCE Section 26.7.3	
Internal Pressure...	± 0.18 (Enclosed)	ASCE Section 26.11-1	
COMPONENTS AND CLADDING ROOF			
		CODE REFERENCE	
Support Beams (A > 100 SF)	-25 PSF	-29 PSF	-29 PSF
Roof Sheathing (A > 50 SF)	-26 PSF	-34 PSF	-41 PSF
Deck Fasteners (A < 10 SF)	-27 PSF	-45 PSF	-68 PSF
COMPONENTS AND CLADDING WALLS			
		CODE REFERENCE	
A = 100 SF	21/-23 PSF	20/-26 PSF	ASCE Table 30-7.2
A = 50 SF	22/-24 PSF	22/-28 PSF	ASCE Table 30-7.2
A = 10 SF	25/-27 PSF	25/-33 PSF	ASCE Table 30-7.2
Building design displacements Wind drift at 10 year Design Wind Speed = h/400			
SEISMIC LOADS			
		CODE REFERENCE	
Seismic Importance Factor	Ie = 1.25	ASCE Table 1.5-2	
Short Period Spectral Response Acceleration	Ss = 0.1022 g	ASCE Section 11.4.1	
1.0 sec. Period Spectral Response Acceleration	S1 = 0.0457 g	ASCE Section 11.4.1	
Site Class	D	ASCE Section 11.4.2	
Design Short Spectral Response Acceleration	SDS = 0.11 g	ASCE Section 11.4.4	
Design Short Period Spectral Response Acceleration	SD1 = 0.073 g	ASCE Section 11.4.4	
Seismic Design Category	B	ASCE Section 11.6	
Seismic Force Resisting System	Ordinary Plain Masonry Shear Walls	ASCE Table 12.2-1	
Seismic Response Coefficient	CS = 0.098	ASCE Section 12.8.1.1	
Response Modification Factor	R = 1.5	ASCE Table 12.2-1	
Analysis Procedure	Equivalent Lateral Force	ASCE Section 12.8	
Building design displacements Seismic Inelastic Story Drift (Delta m) = 2.0%			
SUPERIMPOSED DEAD LOAD			
Typical Roof	5 PSF (MEP)		



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RESURGET ENGINEERING

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www.resurgetengineering.com



KING SOLOMON BAPTIST CHURCH

ROOF REPLACEMENT (PHASE 1)

6125 FOURTEENTH STREET

No. Date Description
PROJECT MANAGER: MS DRAWN BY: SM

FINAL CD SET
5/27/2022

GENERAL STRUCTURAL NOTES

S-001



**KING SOLOMON BAPTIST
CHURCH**

**ROOF REPLACEMENT
(PHASE 1)**

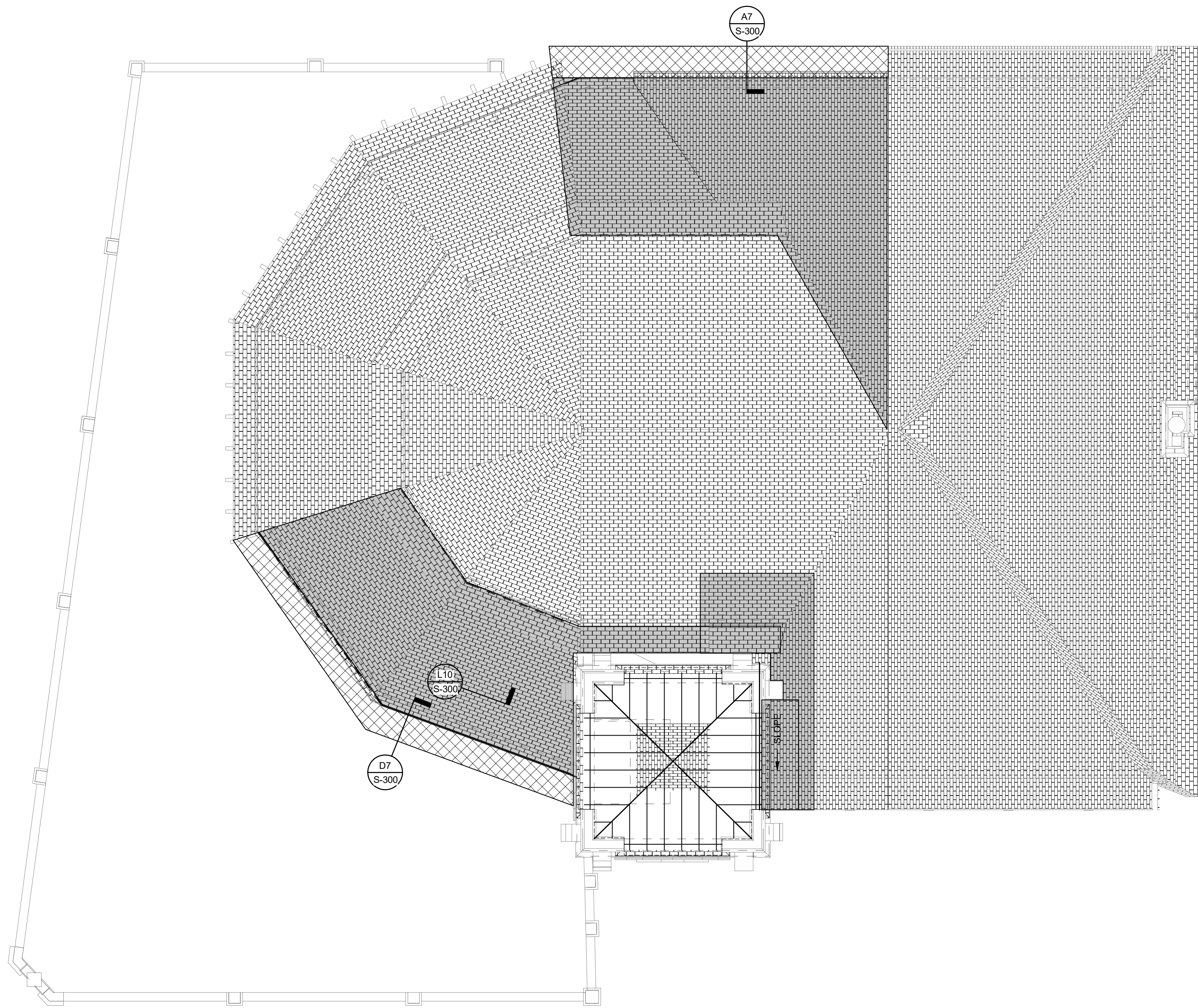
6125 FOURTEENTH STREET

No.	Date	Description
PROJECT MANAGER:		DRAWN BY:
MDS		SM

FINAL CD SET
5/27/2022

FRAMING PLANS

S-100

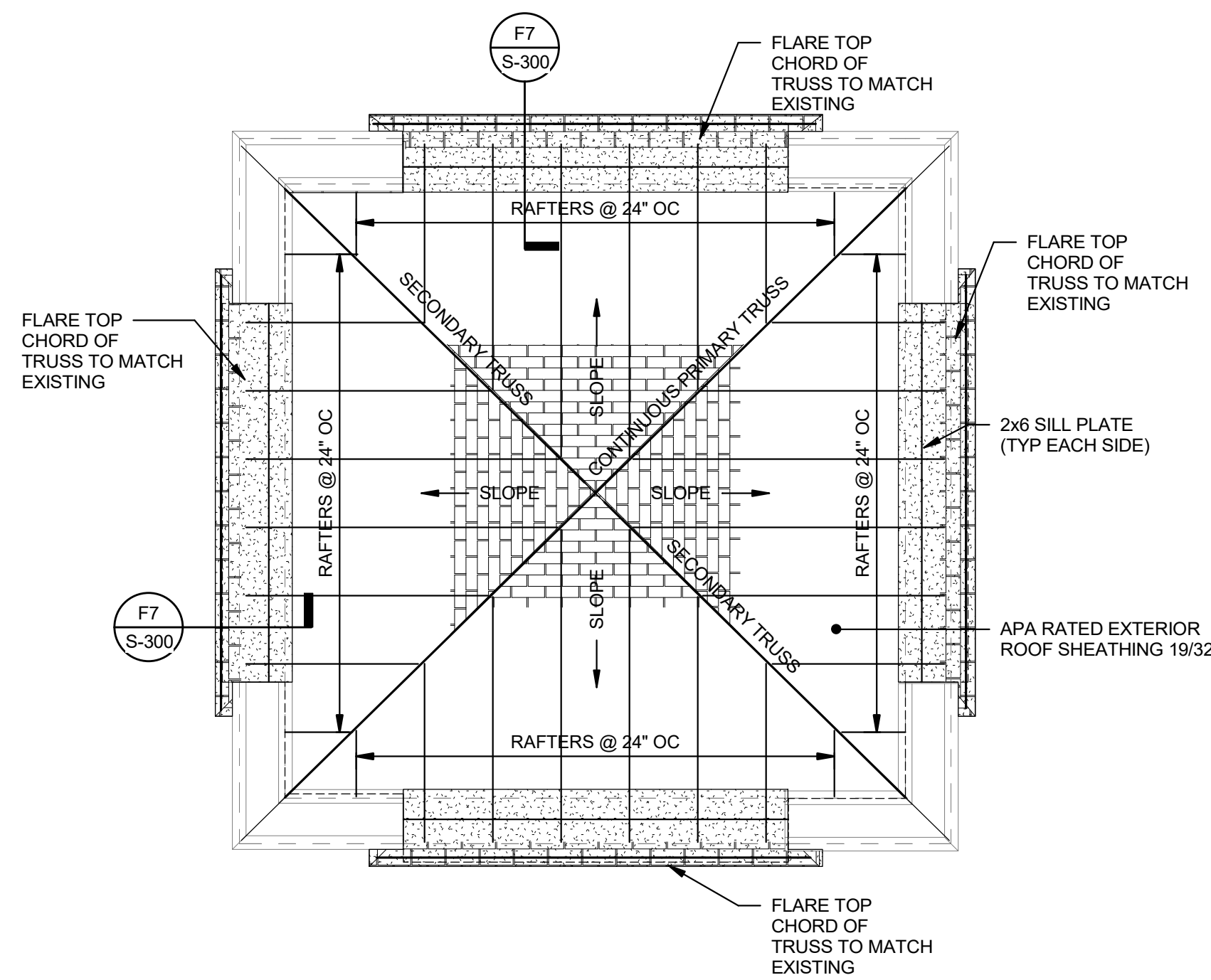


STRUCTURAL ITEMS REQUIRED FOR ROOFING INTEGRITY AND SAFETY			
HATCH AREA	DESCRIPTION	UNITS	COMMENT
[Cross-hatch pattern]	EXISTING ROOF FLARED OVERHANG WITH DECORATIVE WOOD BRACKETS CANTILEVERING OUT FROM BEARING WALL. REMOVE ROOF SHEATHING AND BRACKETS. MEASURE AND PRESERVE BRACKET GEOMETRY AND DETAIL FOR FUTURE REPLICATION.	500SF	OVERHANG NOT REQUIRED FOR ROOF ENCLOSURE. AREA INCLUDES BELL TOWER OVERHANGS TO BE REMOVED.
[Diagonal hatch pattern]	ROOF AREA IN VERY POOR CONDITION. ASSUME REPLACEMENT OF 100% OF SHEATHING AND 60% REPLACEMENT OR REINFORCING OF SUPPORT RAFTERS.	SHEATHING: 1600SF RAFTERS: 309LF	EXTREME CARE NEEDED DURING CONSTRUCTION. REMOVAL OF ROOFING NEEDS TO BE CARRIED OUT FROM SAFE PLATFORM OR LIFT.
[Grid pattern]	BELL TOWER ROOF. DEMOLISH WOOD ROOF FRAMING OF BELL TOWER AND RE-CONSTRUCT PER BELL TOWER FRAMING PLAN	440SF DEMO EXISTING AND REBUILT PER PLANS	EXTREME CARE NEEDED DURING CONSTRUCTION. REMOVAL OF ROOFING NEEDS TO BE CARRIED OUT FROM SAFE PLATFORM OR LIFT.

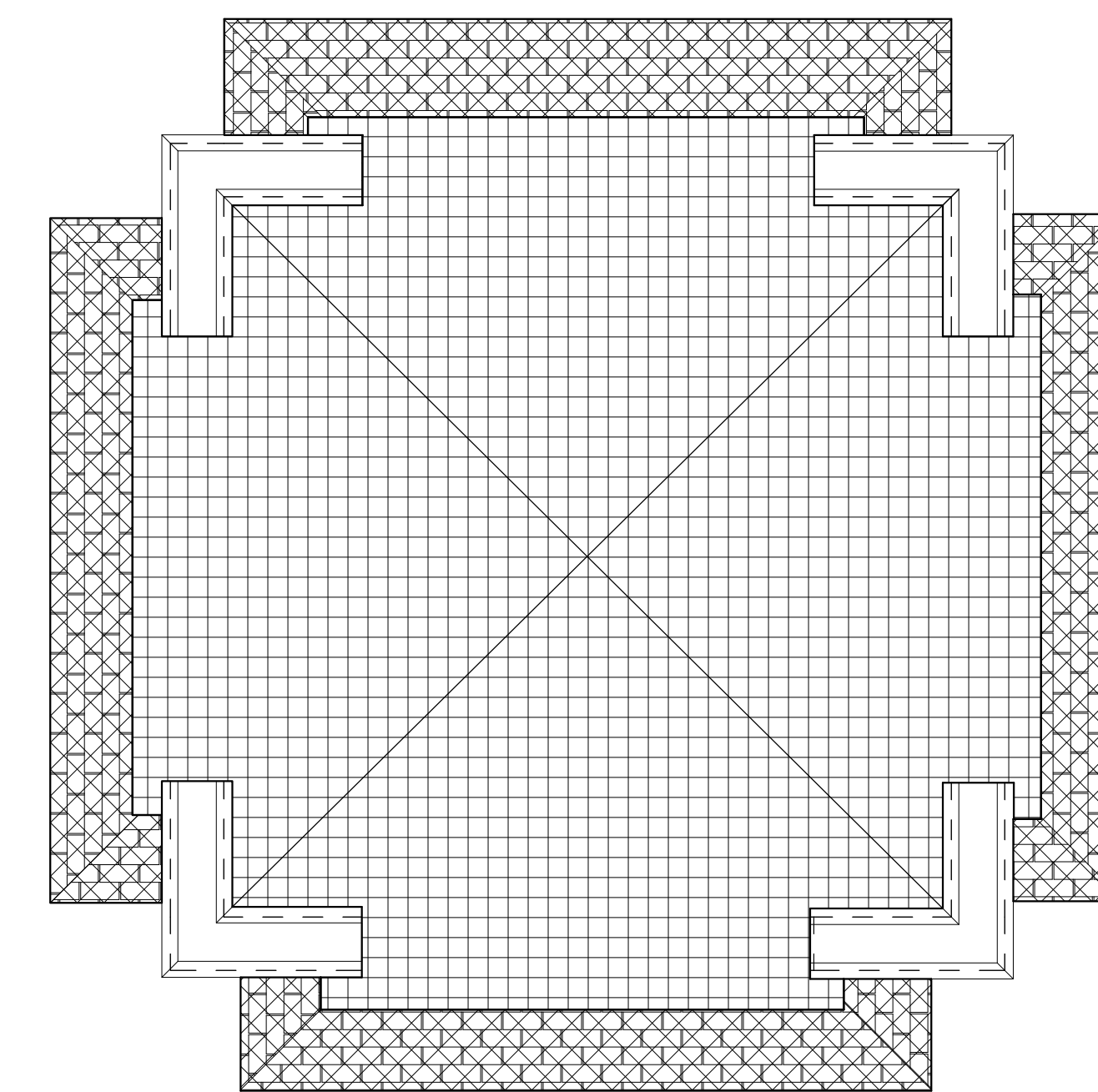
NOTES:

1. REPLACE EXISTING TONGUE AND GROOVE ROOF SHEATHING WITH 3/4" EXTERIOR RATED PLYWOOD SPANNING TO 2X6@16" OC. 2X6 SPANNING TO RAFTERS AT APPROXIMATELY 4'-0" OC.
2. REPLACE BADLY DAMAGED RAFTERS SPANNING UP TO 16 FT WITH (3)2X12.
3. REINFORCED MODERATELY DAMAGED RAFTERS WITH (2)2X12.
4. NOTIFY STRUCTURAL ENGINEER WHEN ROOFING AND SHEATHING REMOVED FOR INSPECTION OF RAFTERS AND FRAMING IN AREA OF WORK.

HEPTAGONAL AND CENTRAL GABLE ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"
NORTH



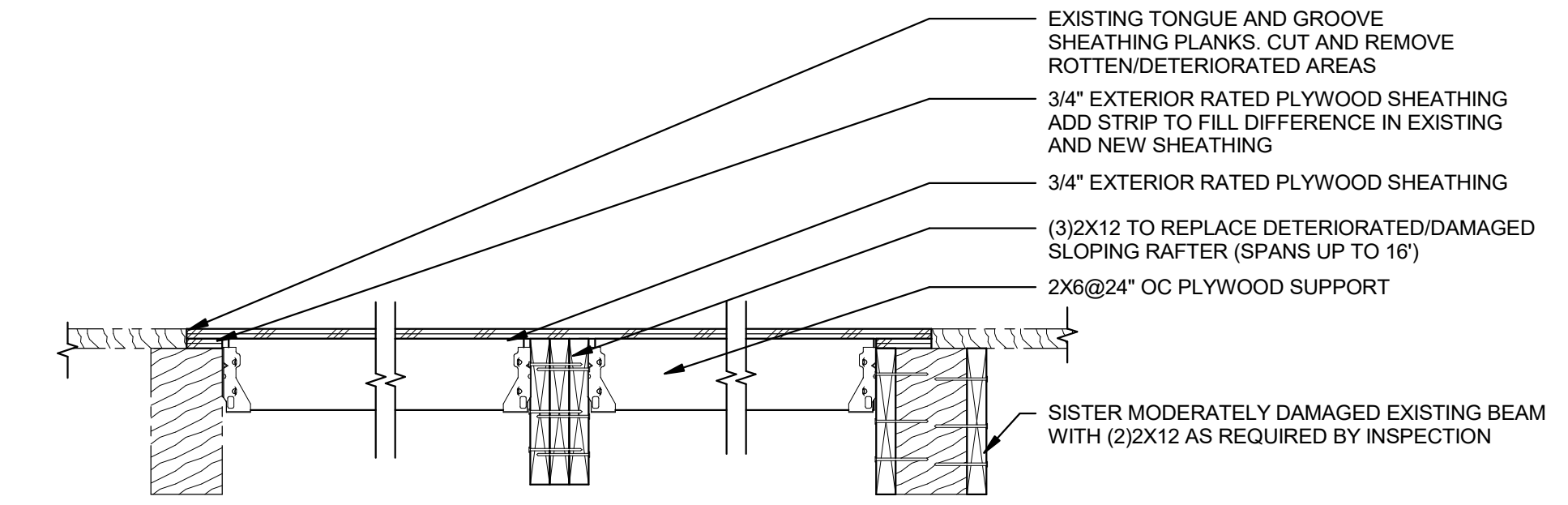
BELL TOWER ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"
NORTH



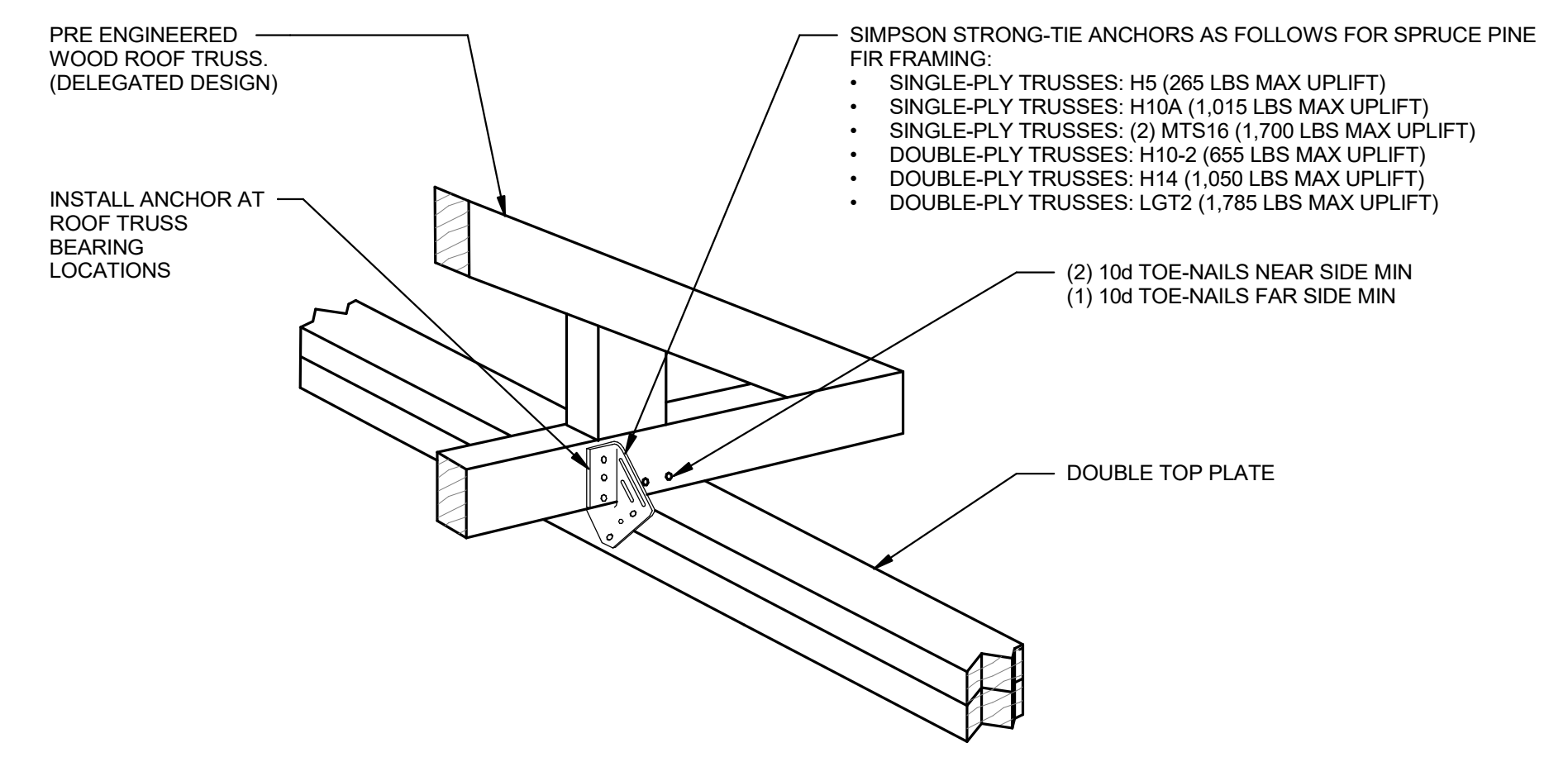
BELL TOWER ROOF DEMO PLAN
SCALE: 1/4" = 1'-0"
NORTH

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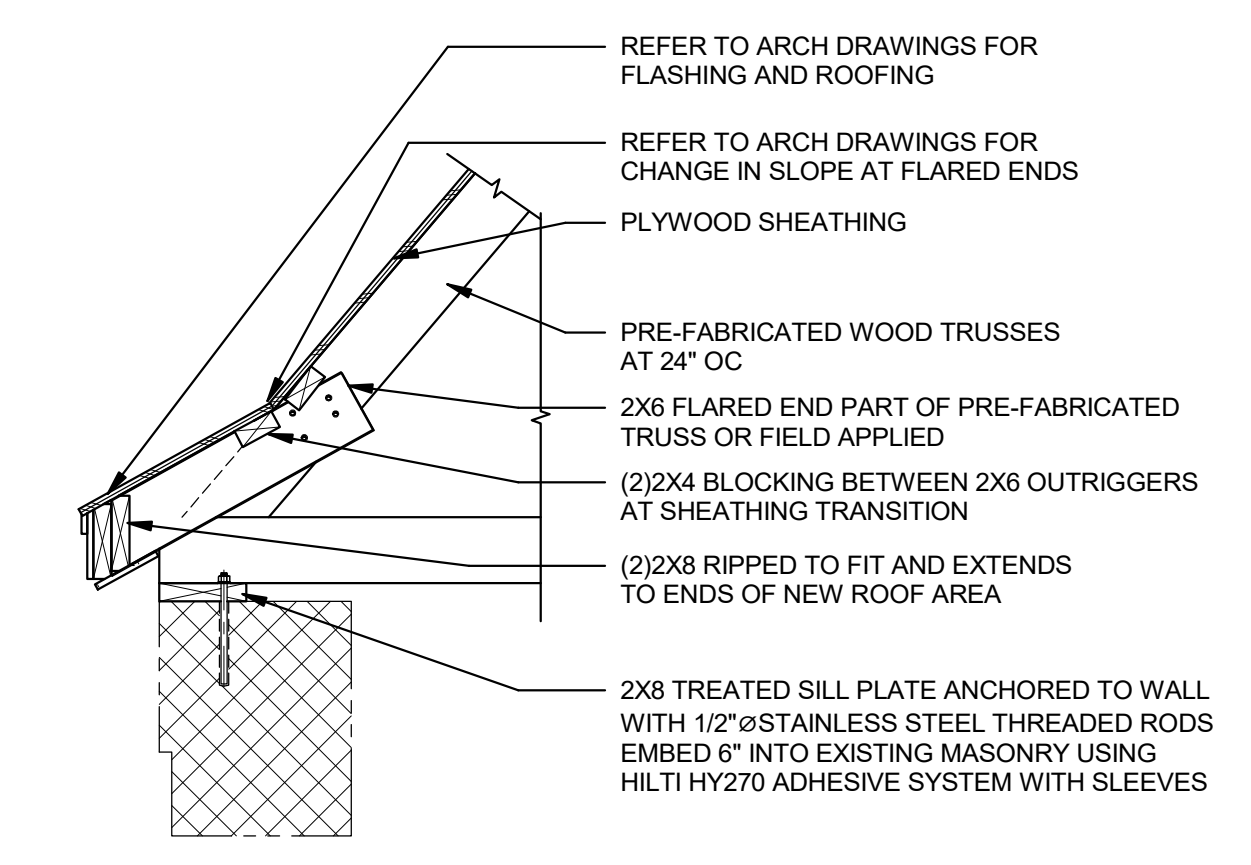


L10
S-100
WOOD REPAIR DETAIL
SCALE: 1" = 1'-0"

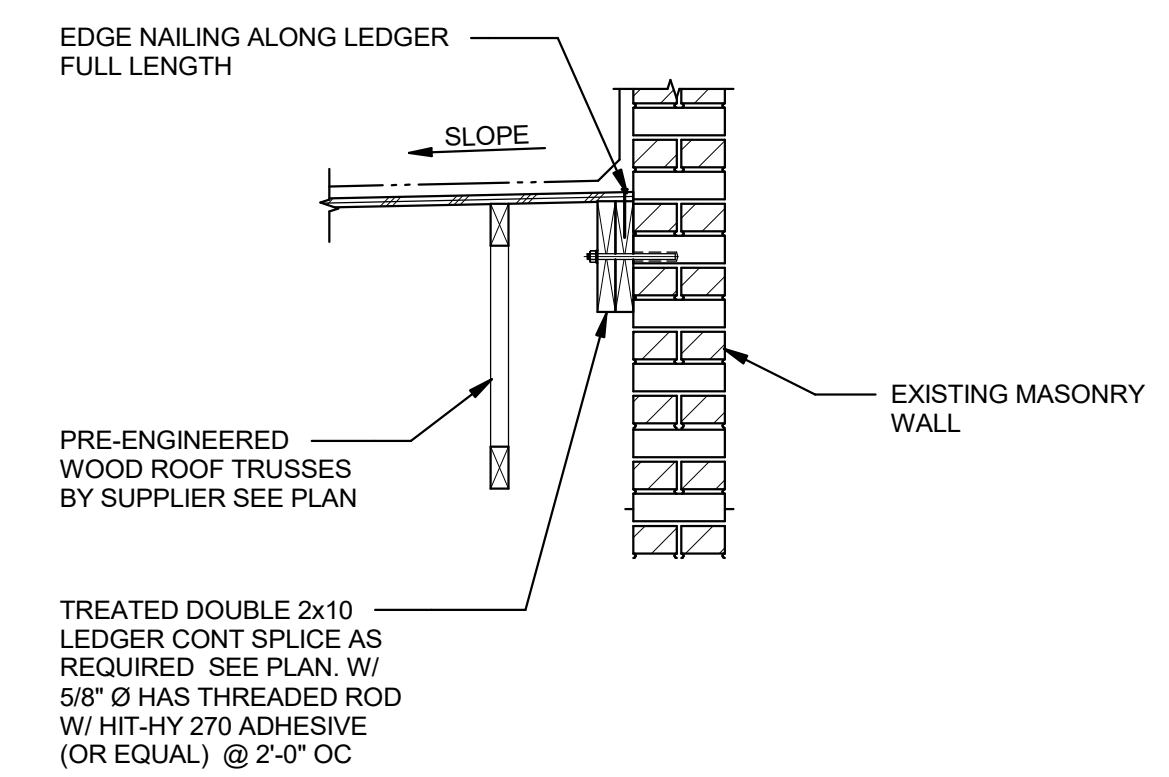


F10
S-100
TYPICAL ROOF TRUSS CONNECTION
SCALE: 3" = 1'-0"

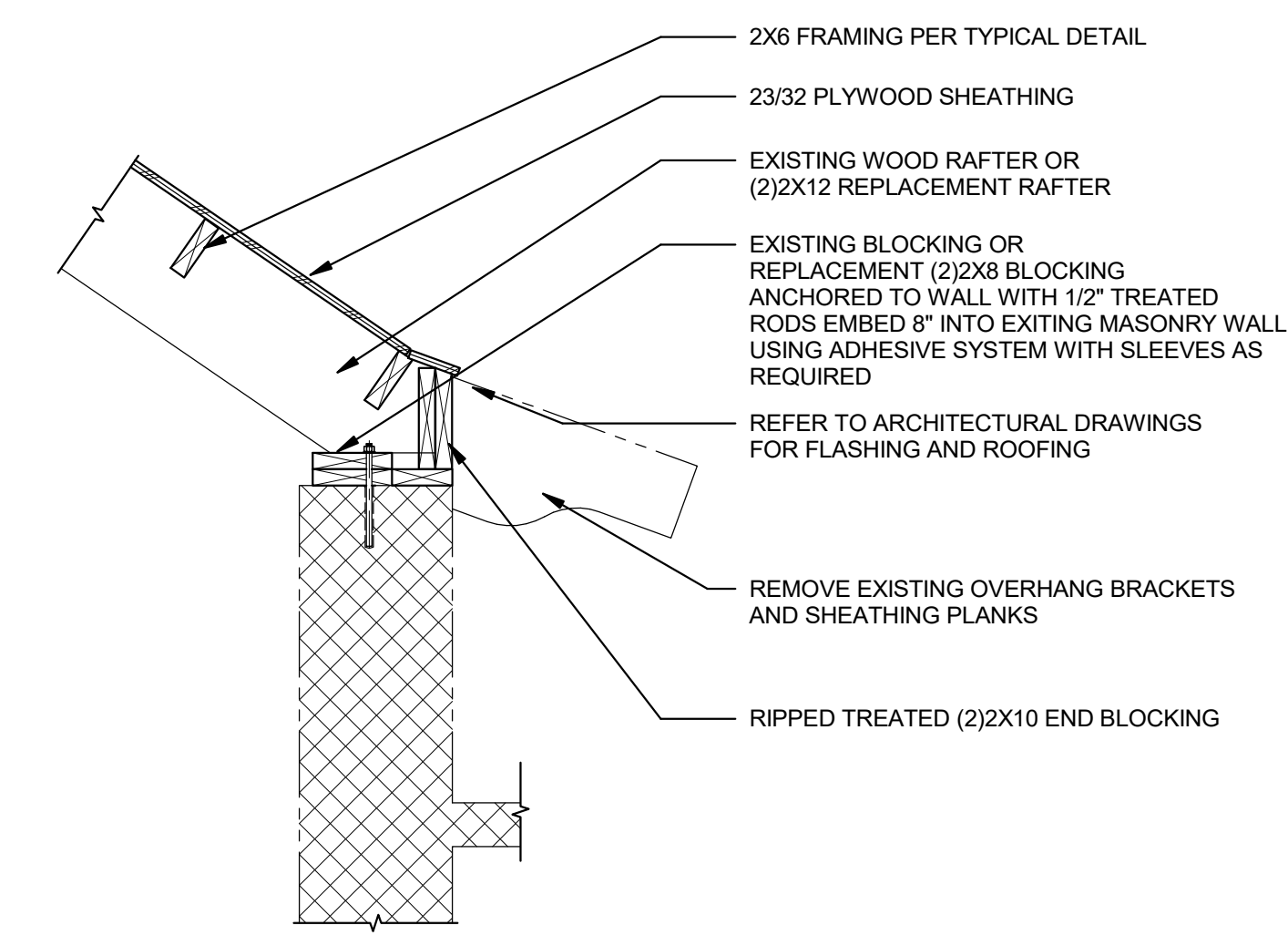
- NOTES:
 1. MAXIMUM WALL STUD SPACING 16" OC
 2. SELECT TRUSS ANCHOR BASED ON APPROVED TRUSS SHOP DRAWINGS WITH TRUSS REACTIONS.
 3. TRUSS MANUFACTURER OR CONTRACTOR SHALL REQUEST FOR ADDITIONAL HOLDOWN ANCHORS AT TRUSS GIRDERS, MULTI-PLY TRUSSES, JACK TRUSSES AND HIP/VALLEY TRUSSES.
 4. MULTIPLE ANCHORS MAY BE USED (PER SIMPSON STRONG-TIE RECOMMENDED DETAILS) TO ANCHOR HIGHER UPLIFT VALUES.
 5. DETAIL APPLIES TO INTERIOR AND EXTERIOR BEARING WALLS.



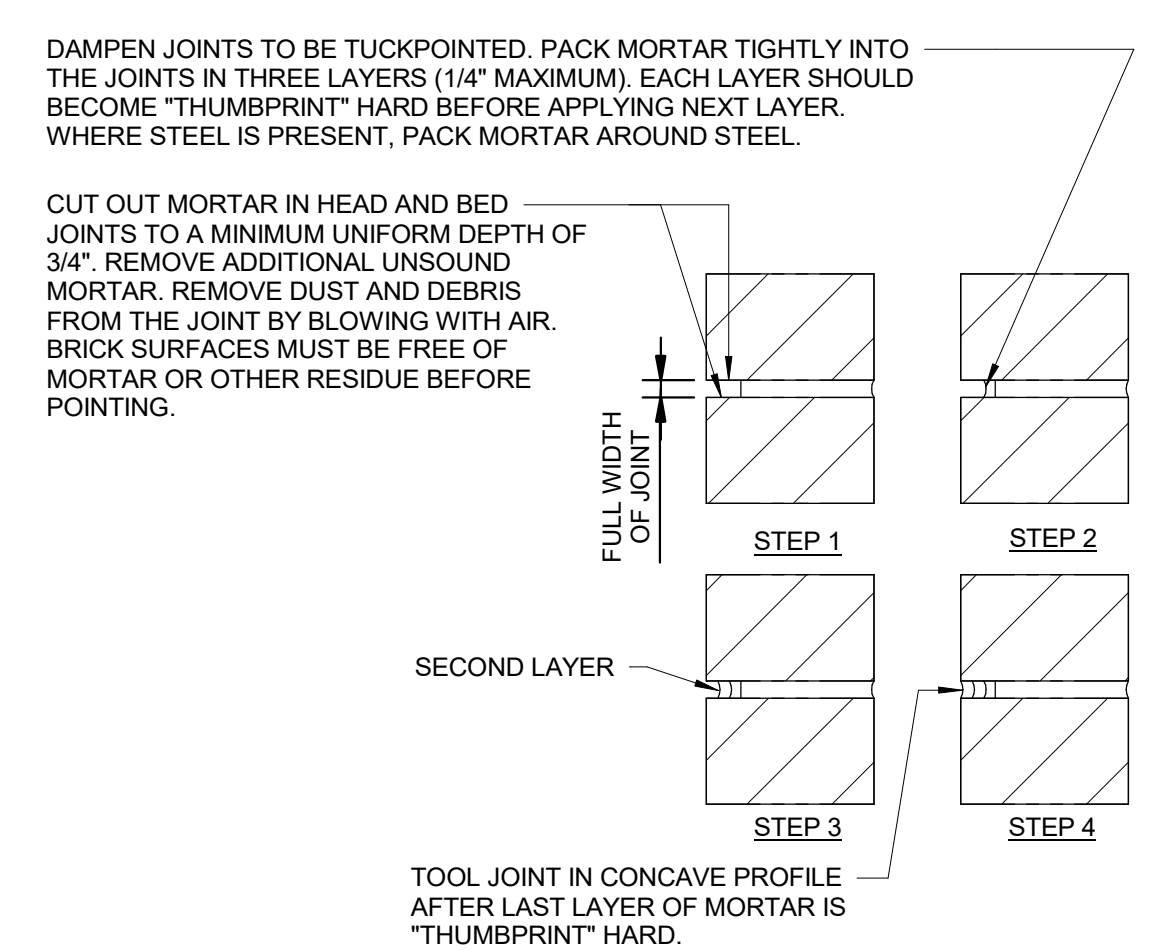
F7
S-100
FLARED TRUSS SUPPORT
SCALE: 3/4" = 1'-0"



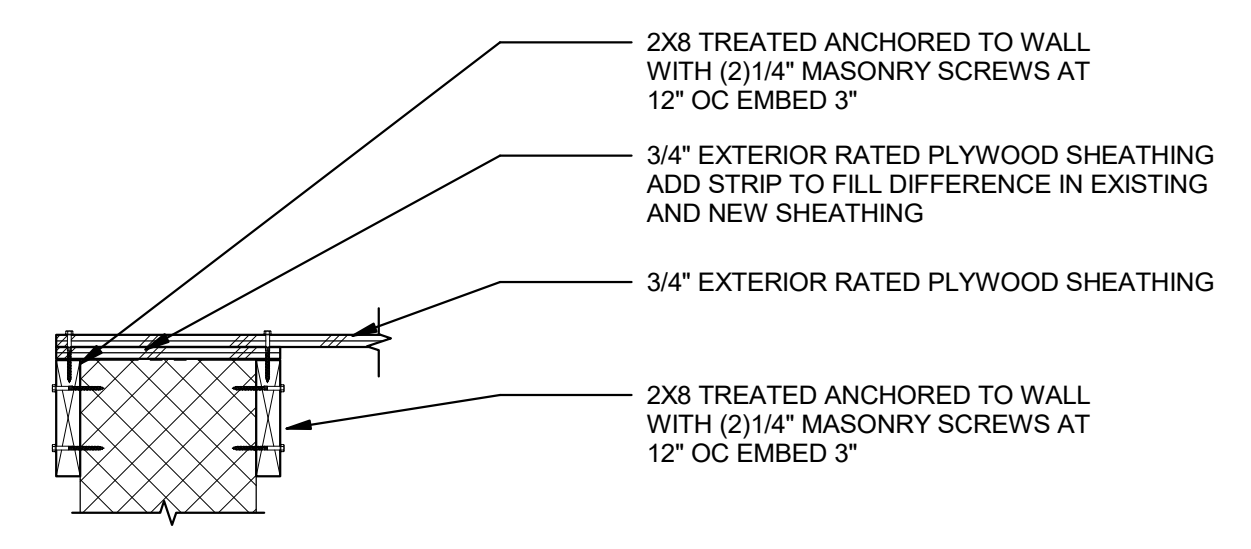
D10
S-100
ROOF TRUSSES PARALLEL TO MASONRY WALL
SCALE: 3/4" = 1'-0"



D7
S-100
EAVE OVERHANG DETAIL
SCALE: 3/4" = 1'-0"



A10
S-100
MASONRY TUCK POINTING DETAIL
SCALE: 3/4" = 1'-0"



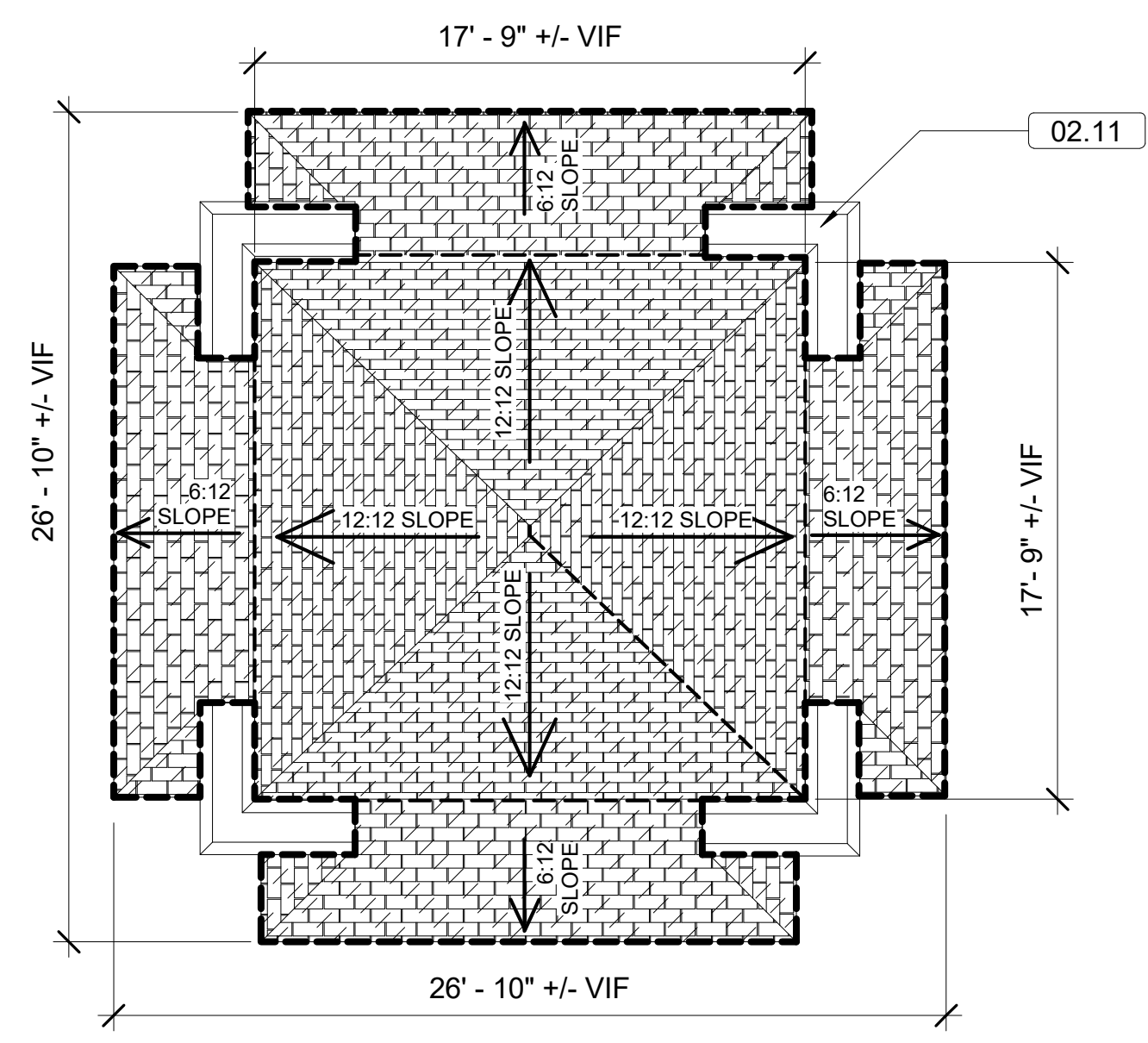
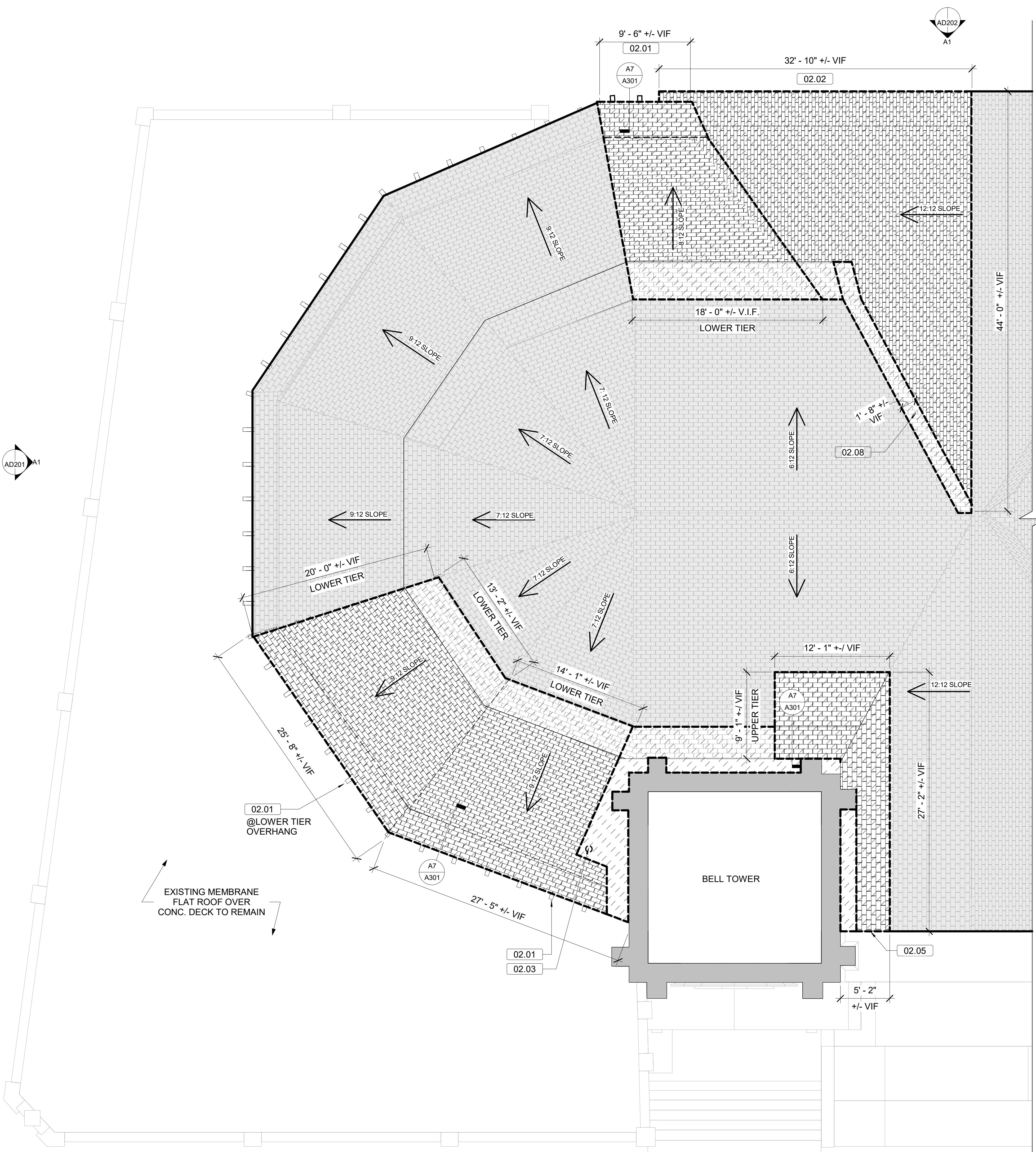
A7
S-100
WOOD REPAIR AT OVERHANG
SCALE: 1" = 1'-0"



No.	Date	Description
PROJECT MANAGER:		DRAWN BY:
MS		SM

BIM 360/King Solomon Baptist Church Roof Replacement/14134130_King Solomon Church (p01f1.dwg) rvt
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GENERAL DEMO NOTES

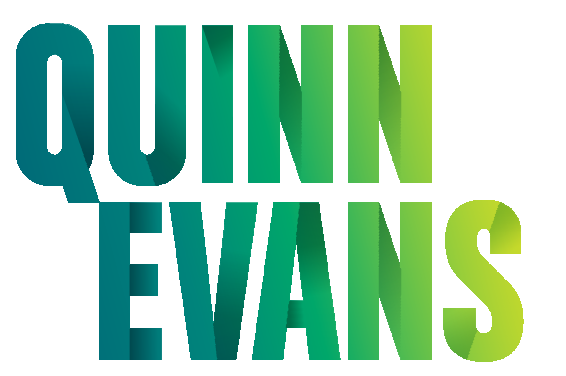
D 1	PROTECT FROM WEATHER ANY OPENINGS TO THE INTERIOR IN THE WORK AREA, EITHER EXISTING OR CREATED DURING DEMOLITION
D 2	THE CONTRACTOR SHALL PROVIDE SHORING, BRACING, OR OTHER TEMPORARY SUPPORT TO MAINTAIN THE STRUCTURAL INTEGRITY OF CONSTRUCTION TO REMAIN SUPPORTED BY WALLS, COLUMNS, BEAMS OR OTHER ITEMS TO BE REMOVED.
D 3	CONTRACTOR TO PERFORM SURVEY AND ANALYSIS OF EXISTING BUILDING PRIOR TO COMMENCING WITH DEMOLITION OPERATIONS. DO NOT REMOVE CONSTRUCTION IF THE STRUCTURAL INTEGRITY OF THE BUILDING MAY BE COMPROMISED UNTIL APPROPRIATE TEMPORARY SUPPORTS ARE IN PLACE. DESIGN OF SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
D 4	CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSION PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.
D 5	ALL DIMENSIONS AND SLOPES ARE BASED ON LIMITED FIELD VERIFICATION. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND SCOPE OF DEMOLITION WORK WITH REQUIREMENTS FOR NEW CONSTRUCTION
D 6	PROTECT EXISTING CONSTRUCTION TO REMAIN.
D 7	PRESENCE OF HAZARDOUS MATERIALS IS UNKNOWN. CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL REMOVED MATERIALS
D 8	SALVAGE 12" MIN. OR ENTIRE PIECE OF EACH DISTINCT PROFILED TRIM PIECE BEING REMOVED - FOR OWNER RECORD

KEYNOTES

KEY VALUE	TEXT
02.01	REMOVE DECORATIVE WOOD RAFTER TAILS FROM OVERHANGS OF ROOF AREA IDENTIFIED FOR REMOVAL - REFER TO STRUCTURAL FOR FRAMING SCOPE
02.02	REMOVE DECORATIVE WOOD BRACKETS UNDER OVERHANG OF ROOF AREA IDENTIFIED FOR REMOVAL - REFER TO STRUCTURAL FOR FRAMING SCOPE
02.03	REMOVE VENT STACK AND FLASHING
02.05	EXISTING WOOD RAKE AND TRIM TO REMAIN
02.08	ASSUME REMOVAL OF SHINGLES OVER EXISTING ROOF DECKING TO REMAIN WILL BE REQUIRED THIS SIDE OF VALLEY TO ALLOW REPLACEMENT OF VALLEY FLASHING AND UNDERLAYMENTS
02.11	EXISTING (CAST) STONE MASONRY WALL CAPS - REFER TO NEW WORK SHEETS FOR SCOPE

DEMOLITION LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	ITEM/ CONSTRUCTION TO BE REMOVED, SALVAGED OR REINSTALLED - AS NOTED
	EXISTING ASPHALT SHINGLE ROOF & EDGING/TRIM TO REMAIN
	EXTENT OF ASPHALT SHINGLE ROOF REMOVAL: REMOVE SHINGLES, UNDERLAYMENTS, WOOD DECKING, OVERHANGS, EDGING/TRIM, AND FLASHINGS COMPLETE. U.O.N. - REFER TO STRUCTURAL RE-FRAMING
	EXTENT OF MEMBRANE ROOF REMOVAL: REMOVE MEMBRANE ROOFING/OVER-ROOFING, FLASHINGS/TERMINATIONS, WOOD DECKING, AND ANY ASSOC. MASTICS OR SEALANTS COMPLETE AROUND BASE OF BELL TOWER (ALL THREE SIDES). U.O.N. - REFER TO STRUCTURAL RE-FRAMING



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KING SOLOMON BAPTIST CHURCH

ROOF REPLACEMENT (PHASE 1) - FINAL CD SET

6125 FOURTEENTH STREET DETROIT, MI

No.	Date	Description

PROJECT MANAGER: A. CECIL
 DRAWN BY: S. RUTLAND

QEA No.42134130

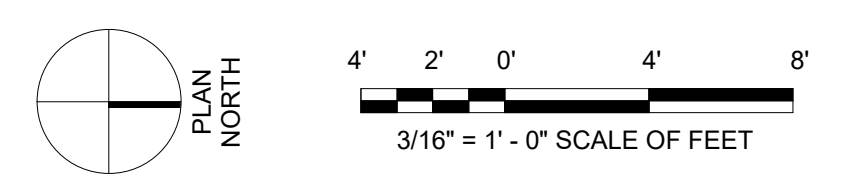
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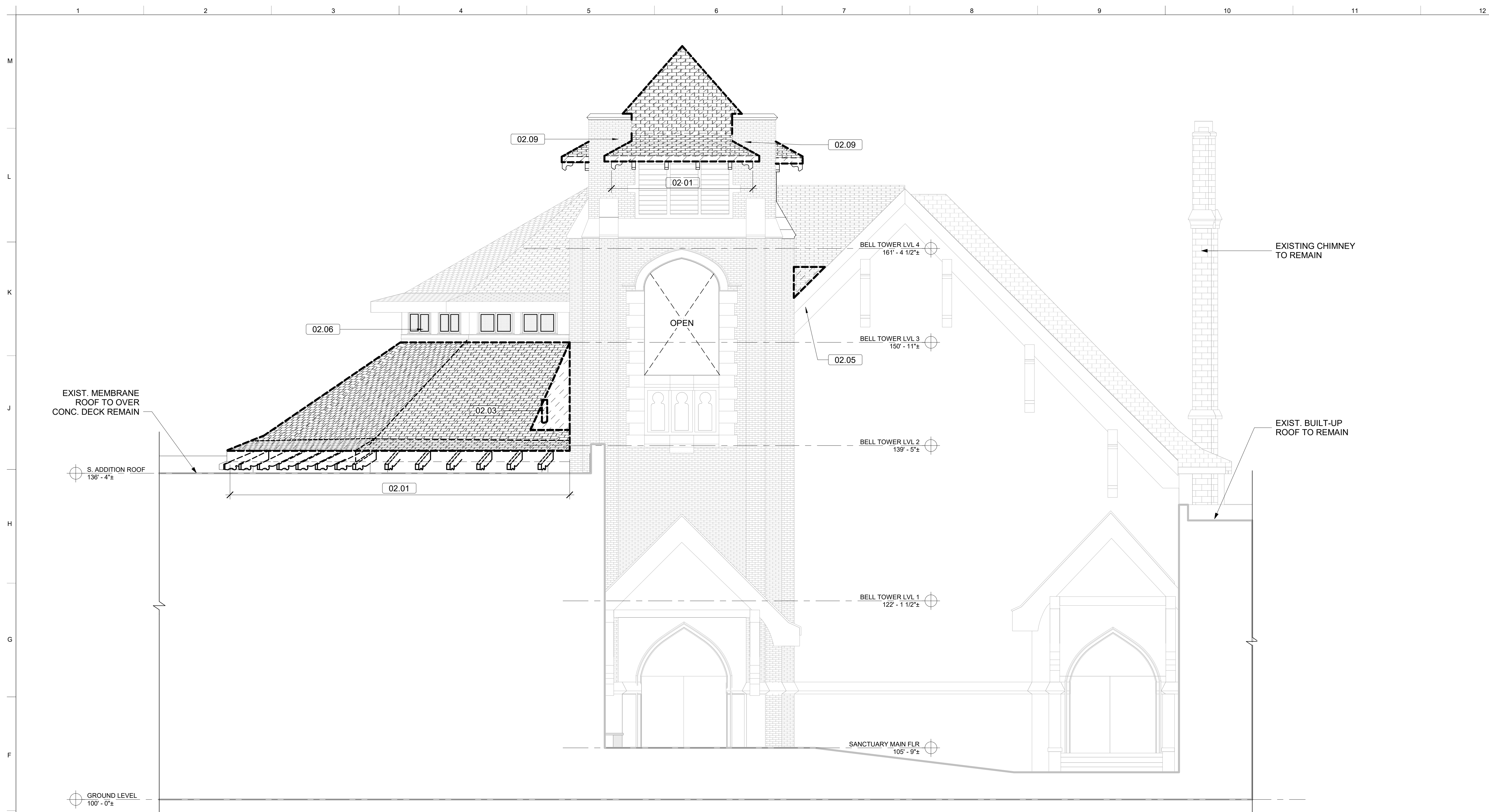
DEMOLITION ROOF PLANS

AD110

A1 HEPTAGON AND CENTRAL GABLE ROOF DEMOLITION PLAN
 3/16" = 1'-0" REFERRED FROM:

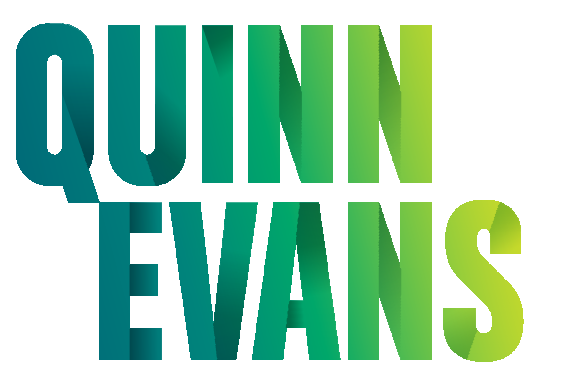
A9 BELL TOWER ROOF DEMOLITION PLAN
 3/16" = 1'-0" REFERRED FROM:





GENERAL DEMO NOTES

D 1	PROTECT FROM WEATHER ANY OPENINGS TO THE INTERIOR IN THE WORK AREA, EITHER EXISTING OR CREATED DURING DEMOLITION
D 2	THE CONTRACTOR SHALL PROVIDE SHORING, BRACING, OR OTHER TEMPORARY SUPPORT TO MAINTAIN THE STRUCTURAL INTEGRITY OF CONSTRUCTION TO REMAIN SUPPORTED BY WALLS, COLUMNS, BEAMS OR OTHER ITEMS TO BE REMOVED.
D 3	CONTRACTOR TO PERFORM SURVEY AND ANALYSIS OF EXISTING BUILDING PRIOR TO COMMENCING WITH DEMOLITION OPERATIONS. DO NOT REMOVE CONSTRUCTION IF THE STRUCTURAL INTEGRITY OF THE BUILDING MAY BE COMPROMISED UNTIL APPROPRIATE TEMPORARY SUPPORTS ARE IN PLACE. DESIGN OF SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
D 4	CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSION PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.
D 5	ALL DIMENSIONS AND SLOPES ARE BASED ON LIMITED FIELD VERIFICATION. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND SCOPE OF DEMOLITION WORK WITH REQUIREMENTS FOR NEW CONSTRUCTION
D 6	PROTECT EXISTING CONSTRUCTION TO REMAIN.
D 7	PRESENCE OF HAZARDOUS MATERIALS IS UNKNOWN. CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL REMOVED MATERIALS
D 8	SALVAGE 12" MIN. OR ENTIRE PIECE OF EACH DISTINCT PROFILED TRIM PIECE BEING REMOVED - FOR OWNER RECORD



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KEYNOTES

KEY VALUE	TEXT
02.01	REMOVE DECORATIVE WOOD RAFTER TAILS FROM OVERHANGS OF ROOF AREA IDENTIFIED FOR REMOVAL - REFER TO STRUCTURAL FOR FRAMING SCOPE
02.03	REMOVE VENT STACK AND FLASHING
02.04	EXISTING WOOD LOUVERS TO REMAIN
02.05	EXISTING WOOD RAKE AND TRIM TO REMAIN
02.06	COVER AND PROTECT GLASS IN EXISTING WINDOWS TO REMAIN IN WORK AREA
02.09	REMOVE COPPER FLASHING AND ANY ASSOCIATED MASTIC OR SEALANTS.

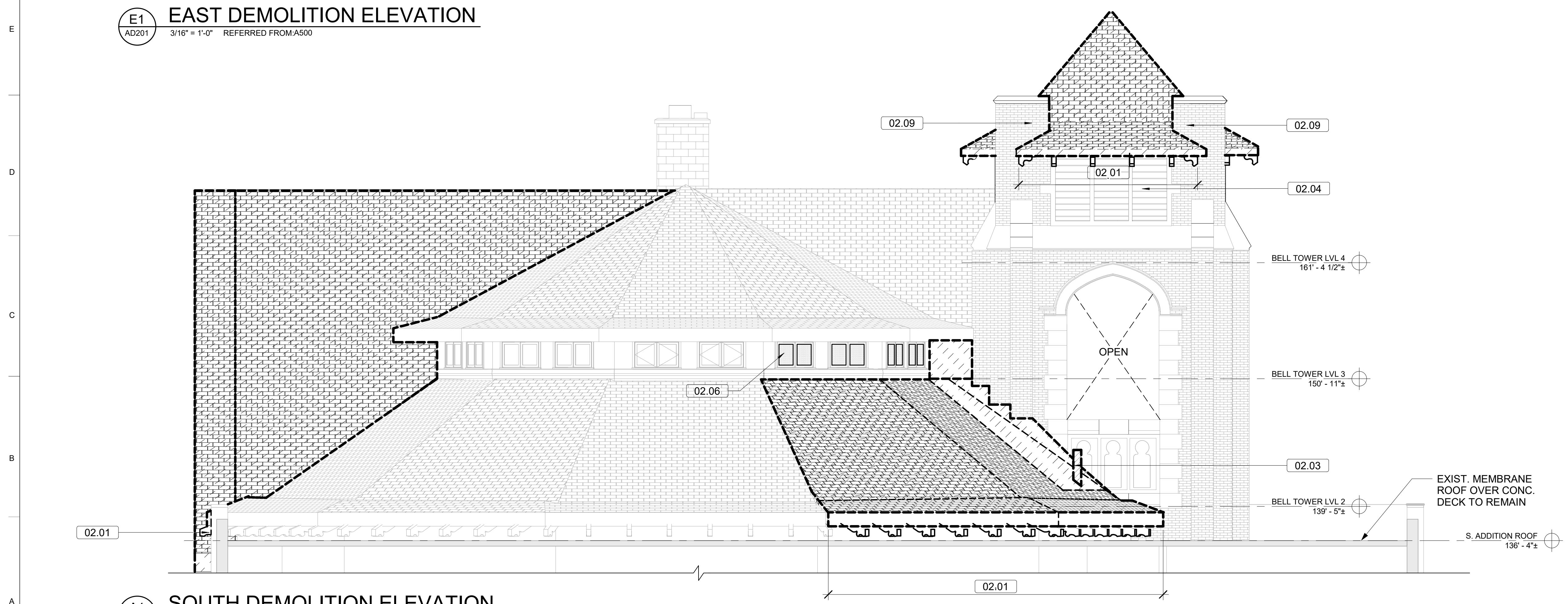
KING SOLOMON BAPTIST CHURCH

ROOF REPLACEMENT (PHASE 1) - FINAL CD SET

6125 FOURTEENTH STREET DETROIT, MI

E1 EAST DEMOLITION ELEVATION
AD201 3/16" = 1'-0" REFERRED FROM:A500

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A1 SOUTH DEMOLITION ELEVATION
AD201 3/16" = 1'-0" REFERRED FROM:A500

DEMOLITION LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- ITEM/ CONSTRUCTION TO BE REMOVED, SALVAGED OR REINSTALLED - AS NOTED
- EXISTING ASPHALT SHINGLE ROOF & EDGING/TRIM TO REMAIN
- EXTENT OF ASPHALT SHINGLE ROOF REMOVAL: REMOVE SHINGLES, UNDERLAYMENTS, WOOD DECKING, OVERHANGS, EDGING/TRIM, AND FLASHINGS COMPLETE. U.O.N. - REFER TO STRUCTURAL RE: FRAMING
- EXTENT OF MEMBRANE ROOF REMOVAL: REMOVE MEMBRANE ROOFING/OVER-ROOFING, FLASHINGS/TERMINATIONS, WOOD DECKING, AND ANY ASSOC. MASTICS OR SEALANTS COMPLETE AROUND BASE OF BELL TOWER (ALL THREE SIDES). U.O.N. - REFER TO STRUCTURAL RE: FRAMING

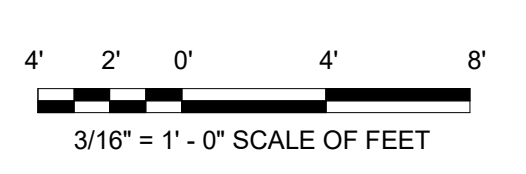
No.	Date	Description

PROJECT MANAGER: A. CECIL DRAWN BY: S. RUTLAND

QEA No. 42134130

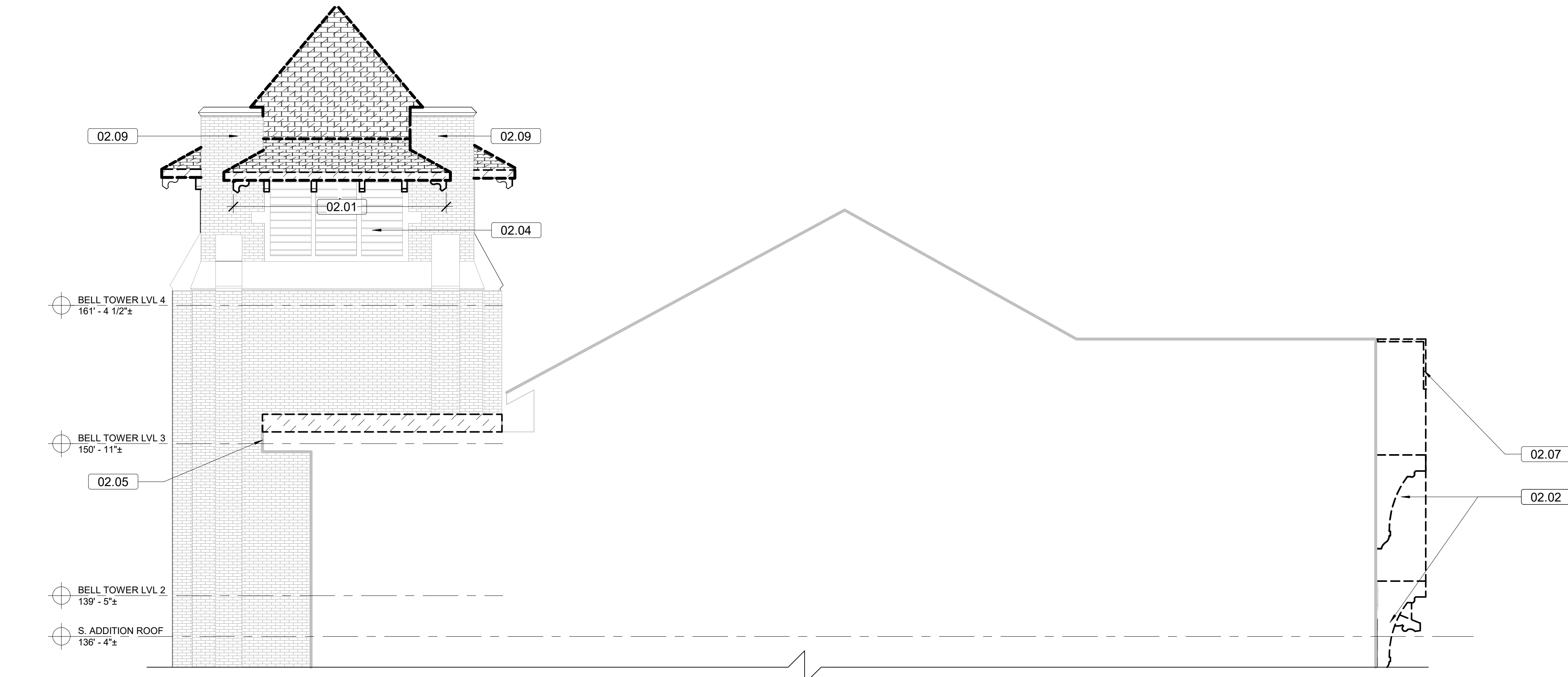
FINAL CD SET
5/27/2022

DEMOLITION ELEVATIONS

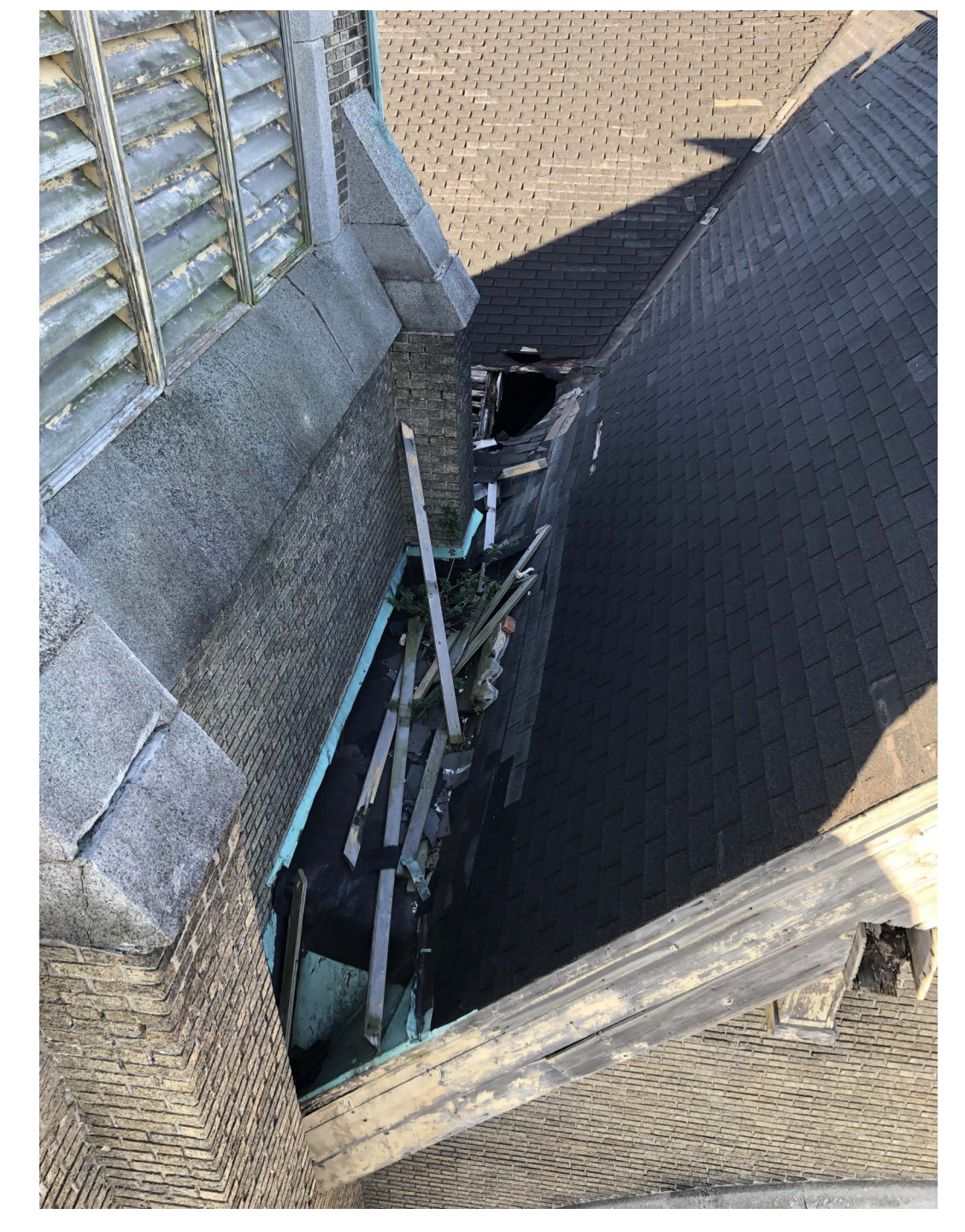


AD201

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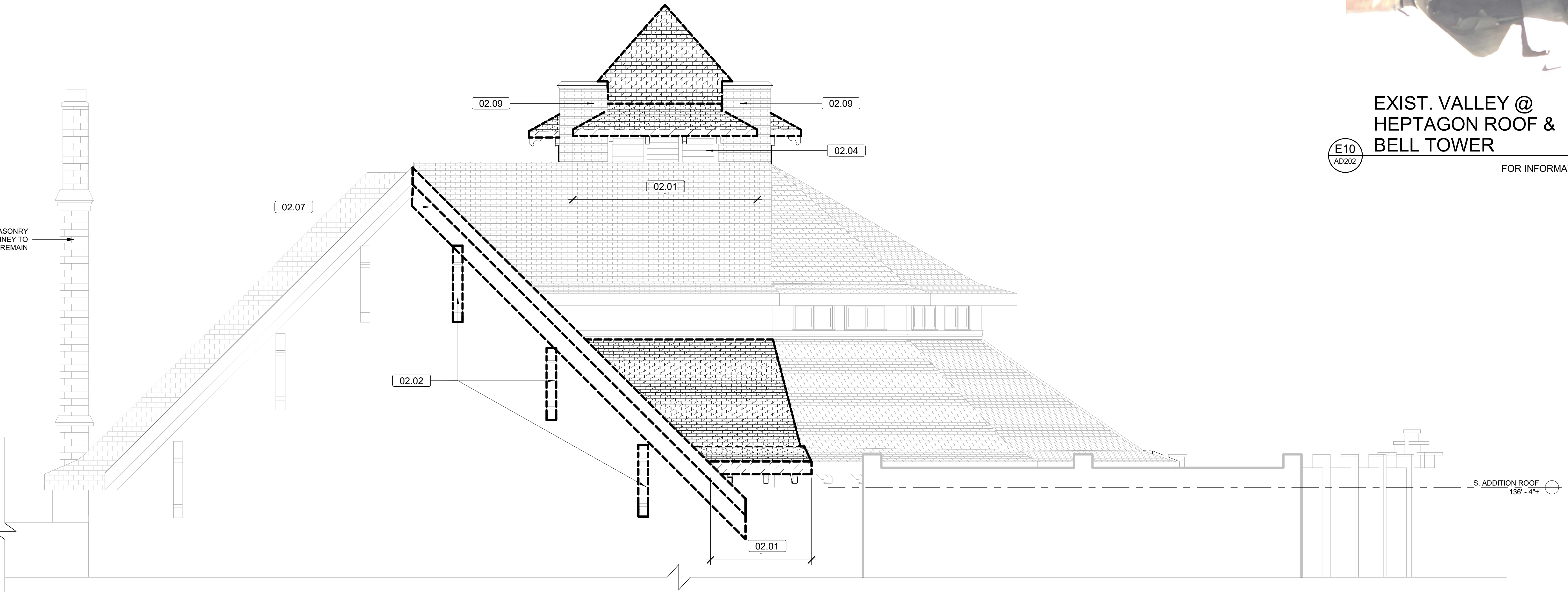
F1 NORTH DEMOLITION ELEVATION
 3/16" = 1'-0" REFERRED FROM: A500



J10 EXIST. VALLEY @ GABLE ROOF & BELL TOWER
 FOR INFORMATION ONLY



E10 EXIST. VALLEY @ HEPTAGON ROOF & BELL TOWER
 FOR INFORMATION ONLY



A1 WEST DEMOLITION ELEVATION
 3/16" = 1'-0" REFERRED FROM: A500

GENERAL DEMO NOTES

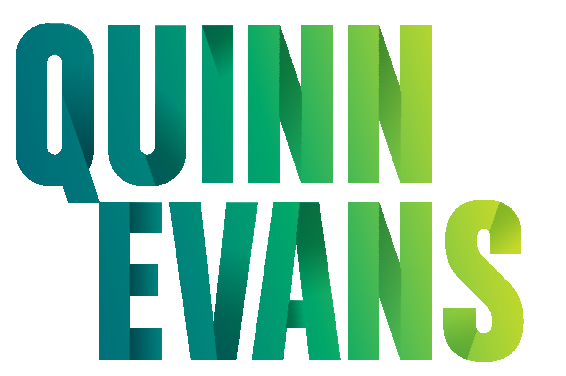
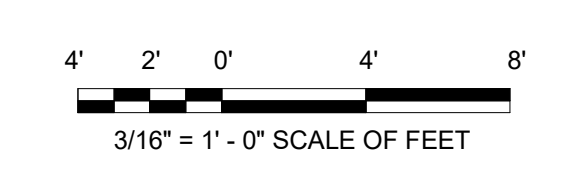
D 1	PROTECT FROM WEATHER ANY OPENINGS TO THE INTERIOR IN THE WORK AREA, EITHER EXISTING OR CREATED DURING DEMOLITION
D 2	THE CONTRACTOR SHALL PROVIDE SHORING, BRACING, OR OTHER TEMPORARY SUPPORT TO MAINTAIN THE STRUCTURAL INTEGRITY OF CONSTRUCTION TO REMAIN SUPPORTED BY WALLS, COLUMNS, BEAMS OR OTHER ITEMS TO BE REMOVED.
D 3	CONTRACTOR TO PERFORM SURVEY AND ANALYSIS OF EXISTING BUILDING PRIOR TO COMMENCING WITH DEMOLITION OPERATIONS. DO NOT REMOVE CONSTRUCTION IF THE STRUCTURAL INTEGRITY OF THE BUILDING MAY BE COMPROMISED UNTIL APPROPRIATE TEMPORARY SUPPORTS ARE IN PLACE. DESIGN OF SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
D 4	CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSION PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.
D 5	ALL DIMENSIONS AND SLOPES ARE BASED ON LIMITED FIELD VERIFICATION. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND SCOPE OF DEMOLITION WORK WITH REQUIREMENTS FOR NEW CONSTRUCTION
D 6	PROTECT EXISTING CONSTRUCTION TO REMAIN. PRESENCE OF HAZARDOUS MATERIALS IS UNKNOWN. CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL REMOVED MATERIALS
D 8	SALVAGE 12" MIN. OR ENTIRE PIECE OF EACH DISTINCT PROFILED TRIM PIECE BEING REMOVED - FOR OWNER RECORD

KEYNOTES

KEY VALUE	TEXT
02.01	REMOVE DECORATIVE WOOD RAFTER TAILS FROM OVERHANGS OF ROOF AREA IDENTIFIED FOR REMOVAL - REFER TO STRUCTURAL FOR FRAMING SCOPE
02.02	REMOVE DECORATIVE WOOD BRACKETS UNDER OVERHANG OF ROOF AREA IDENTIFIED FOR REMOVAL - REFER TO STRUCTURAL FOR FRAMING SCOPE
02.04	EXISTING WOOD LOUVERS TO REMAIN
02.05	EXISTING WOOD RAKE AND TRIM TO REMAIN
02.07	REMOVE WOOD FASCIA & RAKE TRIM ASSEMBLY ALONG EDGE OF ROOF AREA DESIGNATED FOR REMOVAL
02.09	REMOVE COPPER FLASHING AND ANY ASSOCIATED MASTIC OR SEALANTS.

DEMOLITION LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	ITEM/ CONSTRUCTION TO BE REMOVED, SALVAGED OR REINSTALLED - AS NOTED
	EXISTING ASPHALT SHINGLE ROOF & EDGING/TRIM TO REMAIN
	EXTENT OF ASPHALT SHINGLE ROOF REMOVAL REMOVE SHINGLES, UNDERLAYMENTS, WOOD DECKING, OVERHANGS, EDGING/TRIM, AND FLASHINGS COMPLETE. U.O.N. - REFER TO STRUCTURAL RE: FRAMING
	EXTENT OF MEMBRANE ROOF REMOVAL: REMOVE MEMBRANE ROOFING/OVER-ROOFING, FLASHINGS/TERMINATIONS, WOOD DECKING, AND ANY ASSOC. MASTICS OR SEALANTS COMPLETE AROUND BASE OF BELL TOWER (ALL THREE SIDES). U.O.N. - REFER TO STRUCTURAL RE: FRAMING



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KING SOLOMON BAPTIST CHURCH

ROOF REPLACEMENT (PHASE 1) - FINAL CD SET

6125 FOURTEENTH STREET DETROIT, MI

No.	Date	Description

PROJECT MANAGER: A. CECIL
 DRAWN BY: S. RUTLAND

QEA No. 42134130

FINAL CD SET

5/27/2022

DEMOLITION ELEVATIONS

AD202



KING SOLOMON BAPTIST CHURCH

ROOF REPLACEMENT (PHASE 1) - FINAL CD SET

6125 FOURTEENTH STREET DETROIT, MI

GENERAL ROOF NOTES	
R 1	SLOPE OF NEW ROOFING TO MATCH EXISTING IN AREA OF REPLACEMENT, U.O.N.
R 2	METAL FLASHINGS TO BE PREFINISHED ALUM., U.O.N.
R 3	INTERWEAVE AND LAP NEW SHINGLES WITH EXISTING TO REMAIN SHINGLES AT INTERSECTION OF AREA OF WORK WITH AREAS NOT IN CONTRACT. RESECURE EXISTING SHINGLES IMPACTED BY EFFORTS. PROVIDE NEW RIDGE/HIP CAP SHINGLES, OR VALLEY FLASHINGS AT SUCH INTERSECTIONS.
R 4	REFER TO SPECIFICATIONS FOR LOCATION AND MINIMUM EXTENTS OF WATERPROOFING SHEET UNDERLAYMENT AT EAVES, RIDGES, HIP, RAKES, VALLEYS, SLOPE TRANSITIONS, PENETRATIONS AND UNDER METAL FLASHING. LAP WITH ROOFING UNDERLAYMENT IN DIRECTION TO SHED WATER DOWNSLOPE PER SPECIFICATIONS.
R 5	AREA OF NEW ROOFING TO INCLUDE NEW FLASHINGS AND TERMINATION PER DETAILS, SPECIFICATION, AND MANUFACTURER INSTRUCTION/ REQUIREMENTS, U.O.N.

MASONRY REPAIR LEGEND

STONE

- ST-1** RESET: REMOVE & SALVAGE SOUND BUT DISPLACED UNITS; RESET IN MORTAR WITH NEW STAINLESS STEEL ANCHORS OR DOWELS
- ST-2** REPOINT: REMOVE LOOSE MORTAR & PREP JOINTS; REPOINT OPEN JOINTS WITH MORTAR TO MATCH EXISTING
- ST-3** REPLACE: REMOVE DETERIORATED UNITS; REPLACE WITH CAST STONE TO MATCH; RECREATE ORIGINAL IN PROFILE, COLOR, & TEXTURE; ANCHOR TO BRICK MASONRY PER SPECIFICATIONS AND MANUF. REQUIREMENTS
- ST-4** CRACK REPAIR: ROUTE CRACK & PREP JOINT; EPOXY CRACK REPAIR JOINT IN-SITU
- ST-5** SPALL: REMOVE REMAINING LOOSE MATERIAL FROM SURFACE; PREP SURFACE & PATCH REPAIR SPALL WITH FILL MATERIAL FLUSH WITH FACE OF EXISTING STONE TO REMAIN
- ST-6** SPALL: REMOVE DETACHED OR LOOSE STONE MATERIAL FROM SURFACE ONLY

BRICK

- BR-1** RECONSTRUCT: DISMANTLE DISPLACE OR DETERIORATED MASONRY; SALVAGE SOUND UNITS FOR REINSTALLATION & REPLACE BROKEN UNITS; RESET SALVAGED AND NEW UNITS IN MORTAR (WITH NEW TIES) TO REBUILD
- BR-2** REPOINT: REMOVE DETACHED OR LOOSE MORTAR & PREP JOINTS; REPOINT OPEN JOINTS WITH MORTAR TO MATCH EXISTING
- BR-3** REPLACE: REMOVE BROKEN OR MISSING UNITS & ASSOC. MORTAR; REPLACE WITH BRICKS TO MATCH EXISTING (SIZE, COLOR, TEXTURE) IN NEW MORTAR BED & JOINTS TO MATCH EXISTING

ROOF LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING ASPHALT SHINGLE ROOF TO REMAIN
- EXTENT OF NEW ASPHALT SHINGLE ROOF: PROVIDE SHINGLES OVER UNDERLAYMENT AND WATERPROOFING SHEET, OVER NEW SHEATHING - REFER TO STRUCTURAL
- EXTENT OF NEW MEMBRANE ROOFING: PROVIDE SINGLE-PLY MEMBRANE, FULLY-ADHERED, OVER NEW SHEATHING - REFER TO STRUCTURAL

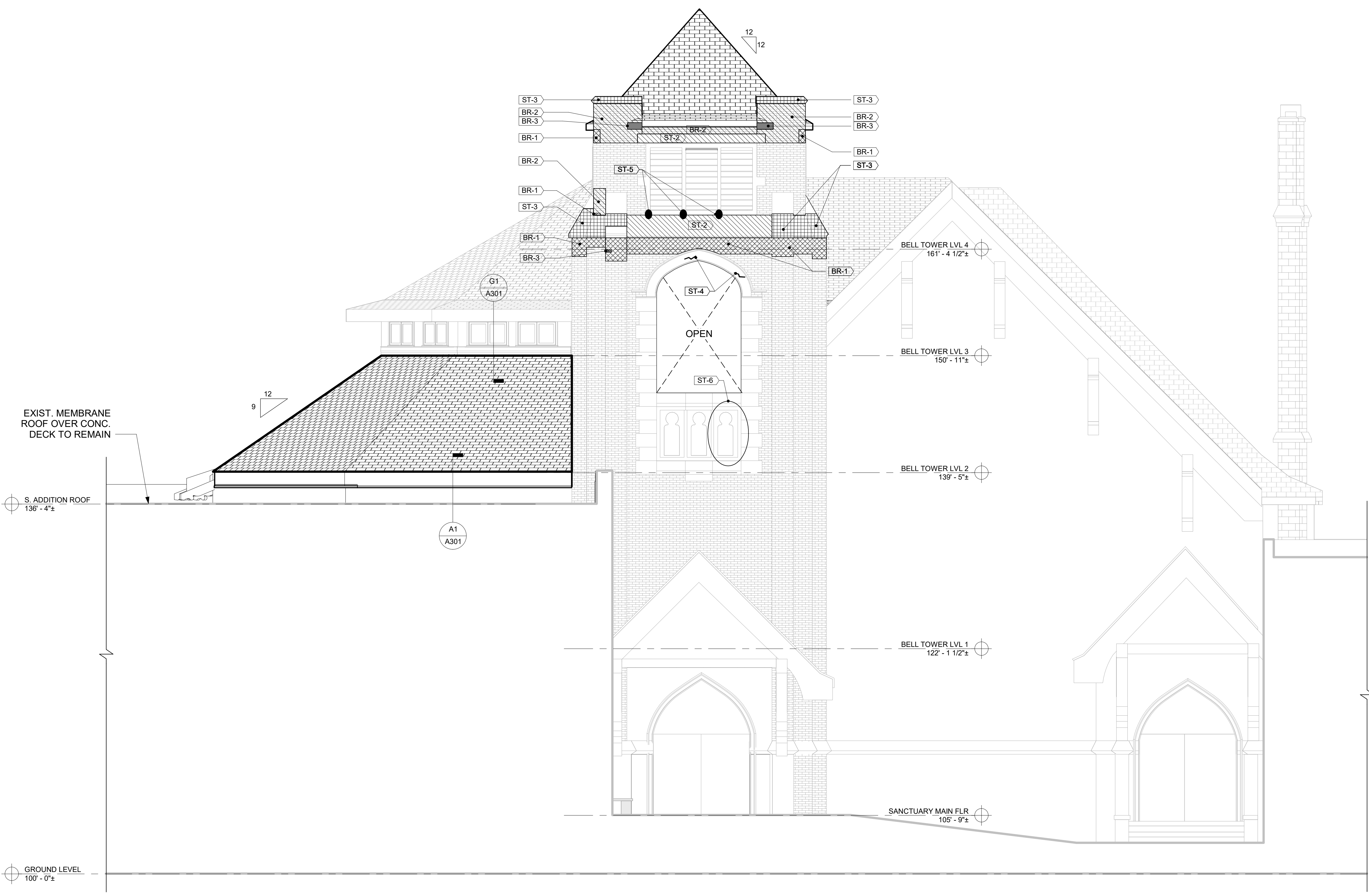
NOTE: SHINGLES AT BELL TOWER ROOF TO BE LAMINATED-STRIP ARCHITECTURAL GRADE; SHINGLES AT TRAPEZOID AND GABLE ROOFS TO BE 3-TAB-STRIP STYLE TO TIE INTO EXISTING TO REMAIN

No.	Date	Description
PROJECT MANAGER:	A. CECIL	DRAWN BY: S. RUTLAND

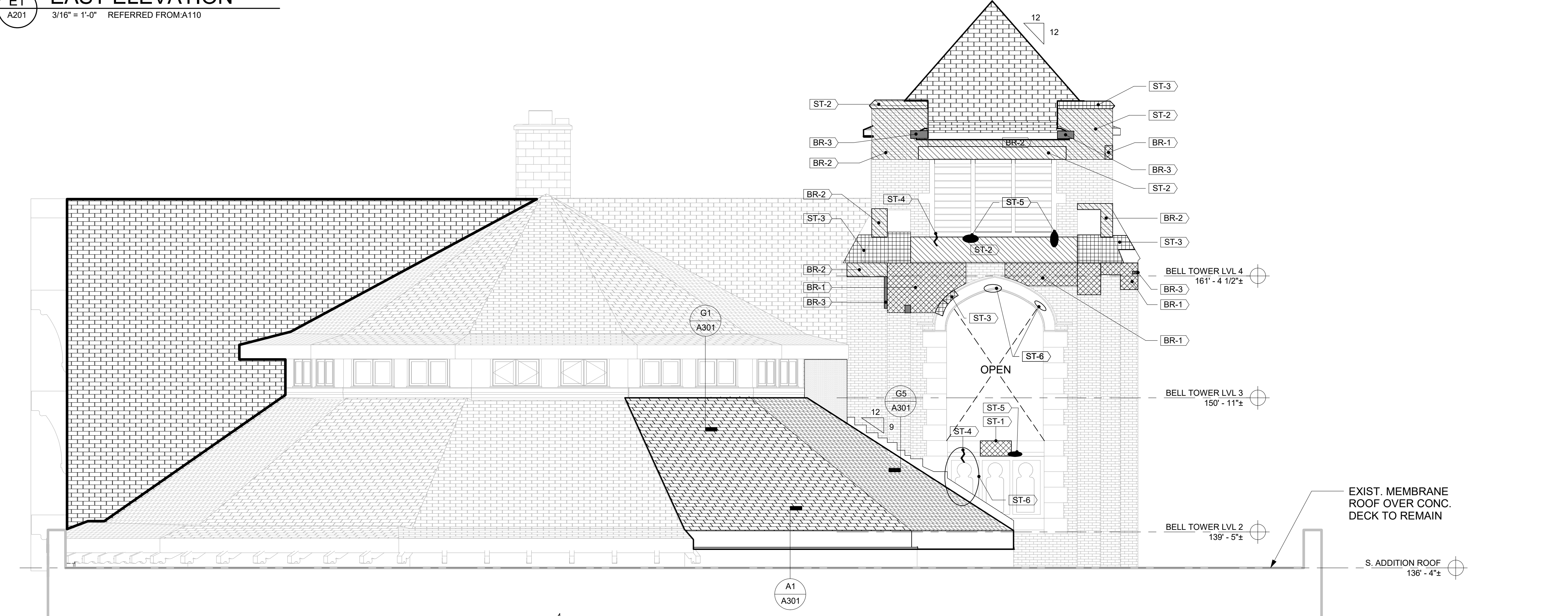
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FINAL CD SET
5/27/2022

ELEVATIONS

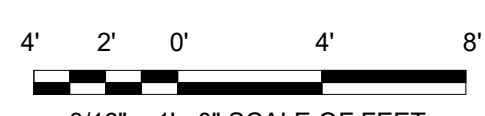
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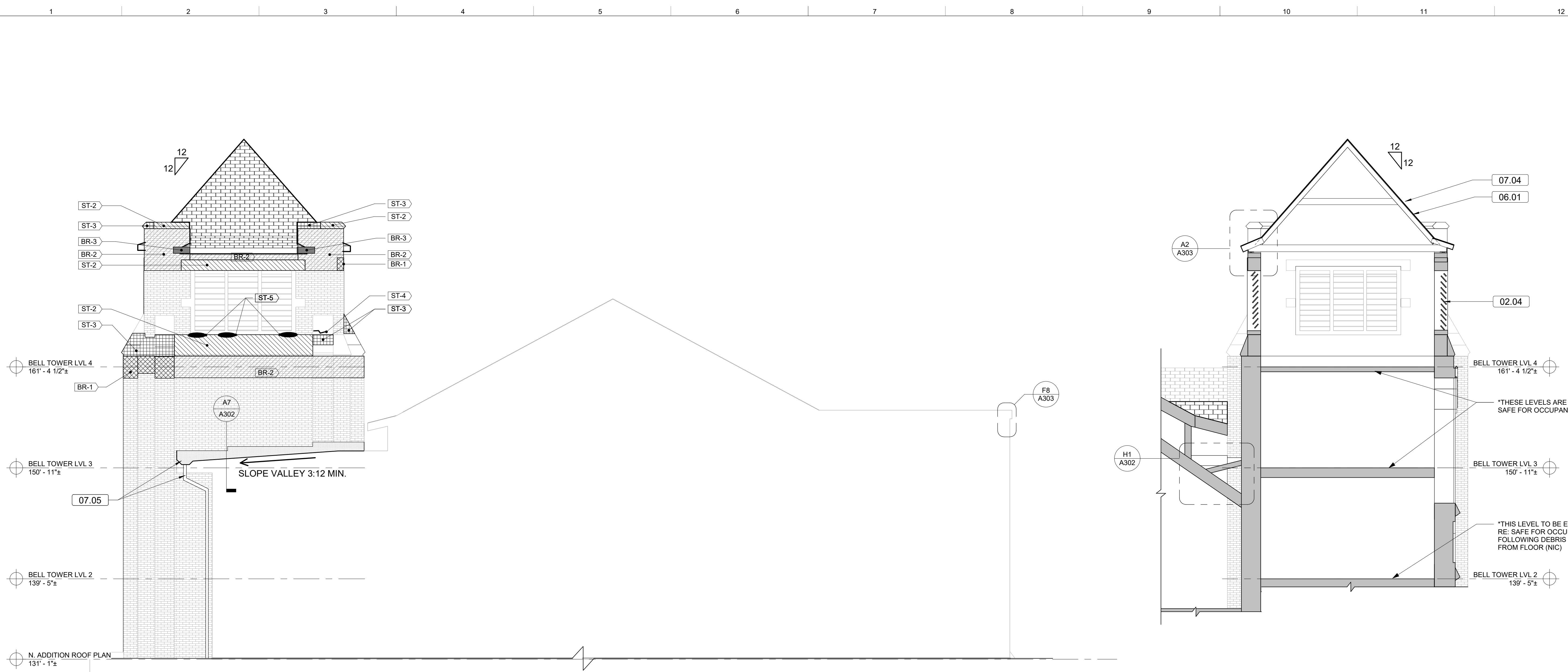
E1 EAST ELEVATION
A201 3/16" = 1'-0" REFERRED FROM A110



A1 SOUTH ELEVATION
A201 3/16" = 1'-0" REFERRED FROM A110

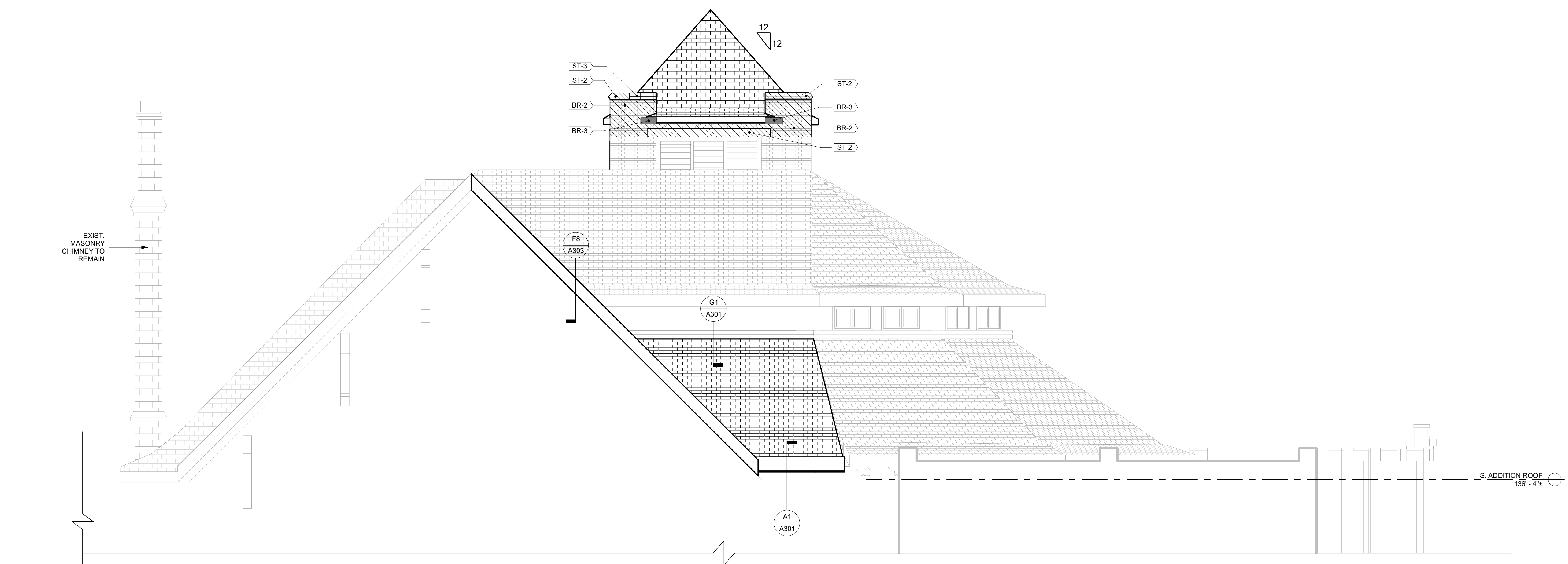


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G1 NORTH ELEVATION
 3/16" = 1'-0" REFERRED FROM A110

G9 BELL TOWER BUILDING SECTION
 3/16" = 1'-0" REFERRED FROM A110



A1 WEST ELEVATION
 3/16" = 1'-0" REFERRED FROM A110

GENERAL ROOF NOTES

R 1	SLOPE OF NEW ROOFING TO MATCH EXISTING IN AREA OF REPLACEMENT, U.O.N.
R 2	METAL FLASHINGS TO BE PREFINISHED ALUM., U.O.N.
R 3	INTERWEAVE AND LAP NEW SHINGLES WITH EXISTING TO REMAIN SHINGLES AT INTERSECTION OF AREA OF WORK WITH AREAS NOT IN CONTRACT. RESECURE EXISTING SHINGLES IMPACTED BY EFFORTS. PROVIDE NEW RIDGE/HIP CAP SHINGLES, OR VALLEY FLASHINGS AT SUCH INTERSECTIONS.
R 4	REFER TO SPECIFICATIONS FOR LOCATION AND MINIMUM EXTENTS OF WATERPROOFING SHEET UNDERLAYMENT AT EAVES, RIDGES, HIP, RAKES, VALLEYS, SLOPE TRANSITIONS, PENETRATIONS AND UNDER METAL FLASHING. LAP WITH ROOFING UNDERLAYMENT IN DIRECTION TO SHED WATER DOWNSLOPE PER SPECIFICATIONS.
R 5	AREA OF NEW ROOFING TO INCLUDE NEW FLASHINGS AND TERMINATION PER DETAILS, SPECIFICATION, AND MANUFACTURER INSTRUCTION/ REQUIREMENTS, U.O.N.

KEYNOTES

KEY VALUE	TEXT
02.04	EXISTING WOOD LOUVERS TO REMAIN
06.01	PLYWOOD SHEATHING OVER NEW WOOD TRUSSES - REFER TO STRUCTURAL
07.04	ARCHITECTURAL GRADE LAMINATED ASPHALT SHINGLE ROOFING OVER UNDERLAYMENT & WATERPROOFING SHEET
07.05	PREFIN. ALUM. BUILT-IN CONDUCTOR HEAD BOX AND OUTLET. PROVIDE PREFIN. ALUM. DOWNSPOUT TO GRADE (APPROX. 50 FT. VERT. LENGTH) W/EXTENSION (APPROX. 5 FT.) TO BRIDGE OVER SUB-BASEMENT PIT AND OUTLET TO GRADE. SECURE DOWNSPOUT TO MASONRY BUILDING WALL VIA STRAPS AND FASTENERS.

MASONRY REPAIR LEGEND

STONE

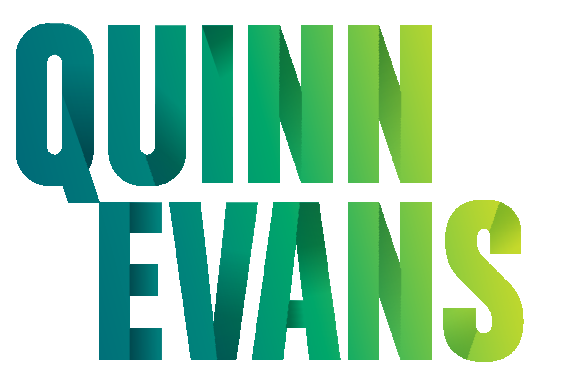
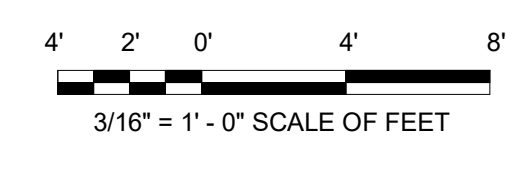
- ST-1 RESET: REMOVE & SALVAGE SOUND BUT DISPLACED UNITS; RESET IN MORTAR WITH NEW STAINLESS STEEL ANCHORS OR DOWELS
- ST-2 REPOINT: REMOVE LOOSE MORTAR & PREP JOINTS, REPOINT OPEN JOINTS WITH MORTAR TO MATCH EXISTING
- ST-3 REPLACE: REMOVE DETERIORATED UNITS, REPLACE WITH CAST STONE TO MATCH/RECREATE ORIGINAL IN PROFILE, COLOR, & TEXTURE; ANCHOR TO BRICK MASONRY PER SPECIFICATIONS AND MANUF. REQUIREMENTS
- ST-4 CRACK REPAIR: ROUTE CRACK & PREP JOINT; EPOXY CRACK REPAIR JOINT IN-SITU
- ST-5 SPALL: REMOVE REMAINING LOOSE MATERIAL FROM SURFACE; PREP SURFACE & PATCH REPAIR SPALL WITH FILL MATERIAL FLUSH WITH FACE OF EXISTING STONE TO REMAIN
- ST-6 SPALL: REMOVE DETACHED OR LOOSE STONE MATERIAL FROM SURFACE ONLY

BRICK

- BR-1 RECONSTRUCT: DISMANTLE, DISPLACE OR DETERIORATED MASONRY; SALVAGE SOUND UNITS FOR REINSTALLATION & REPLACE BROKEN UNITS; RESET SALVAGED AND NEW UNITS IN MORTAR (WITH NEW TIES) TO REBUILD
- BR-2 REPOINT: REMOVE DETACHED OR LOOSE MORTAR & PREP JOINTS, REPOINT OPEN JOINTS WITH MORTAR MATCH EXISTING
- BR-3 REPLACE: REMOVE BROKEN OR MISSING UNITS & ASSOC. MORTAR; REPLACE WITH BRICKS TO MATCH EXISTING (SIZE, COLOR, TEXTURE) IN NEW MORTAR BED & JOINTS TO MATCH EXISTING

ROOF LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING ASPHALT SHINGLE ROOF TO REMAIN
- EXTENT OF NEW ASPHALT SHINGLE ROOF: PROVIDE SHINGLES OVER UNDERLAYMENT AND WATERPROOFING SHEET, OVER NEW SHEATHING - REFER TO STRUCTURAL
- NOTE: SHINGLES AT BELL TOWER ROOF TO BE LAMINATED-STRIP ARCHITECTURAL GRADE. SHINGLES AT HEPTAGON AND GABLE ROOFS TO BE 3-TAB-STRIP STYLE TO TIE INTO EXISTING TO REMAIN
- EXTENT OF NEW MEMBRANE ROOFING: PROVIDE SINGLE-PLY MEMBRANE, FULLY-ADHERED, OVER NEW SHEATHING - REFER TO STRUCTURAL



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ROOF REPLACEMENT (PHASE 1) - FINAL CD SET

6125 FOURTEENTH STREET DETROIT, MI

No.	Date	Description

PROJECT MANAGER: A. CECIL
 DRAWN BY: S. RUTLAND

QEA No. 42134130

FINAL CD SET
 5/27/2022

ELEVATIONS & SECTIONS

A202

BIM 360://King Solomon Baptist Church Roof Replacement/42134130_King Solomon Church (point cloud).rvt
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KING SOLOMON BAPTIST CHURCH

ROOF REPLACEMENT (PHASE 1) - FINAL CD SET

6125 FOURTEENTH STREET DETROIT, MI

No. Date Description

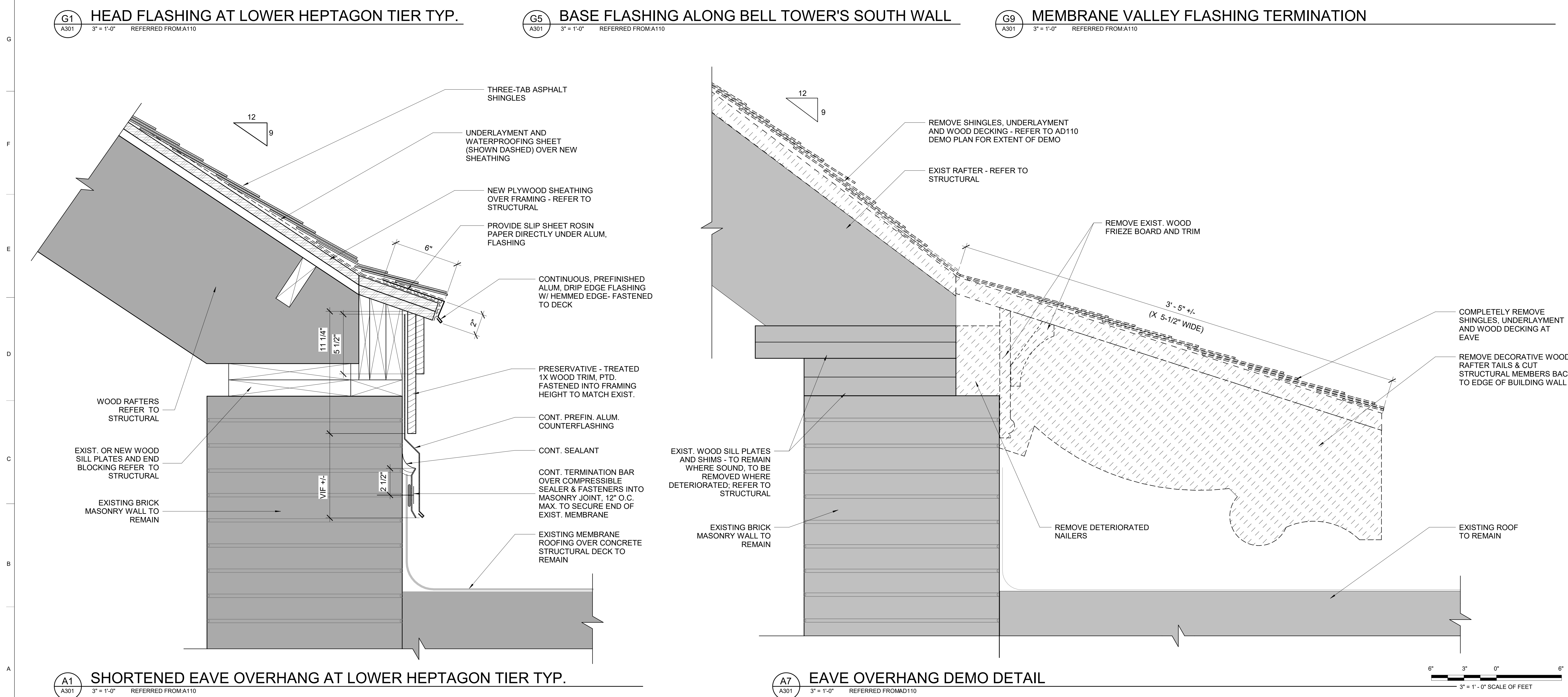
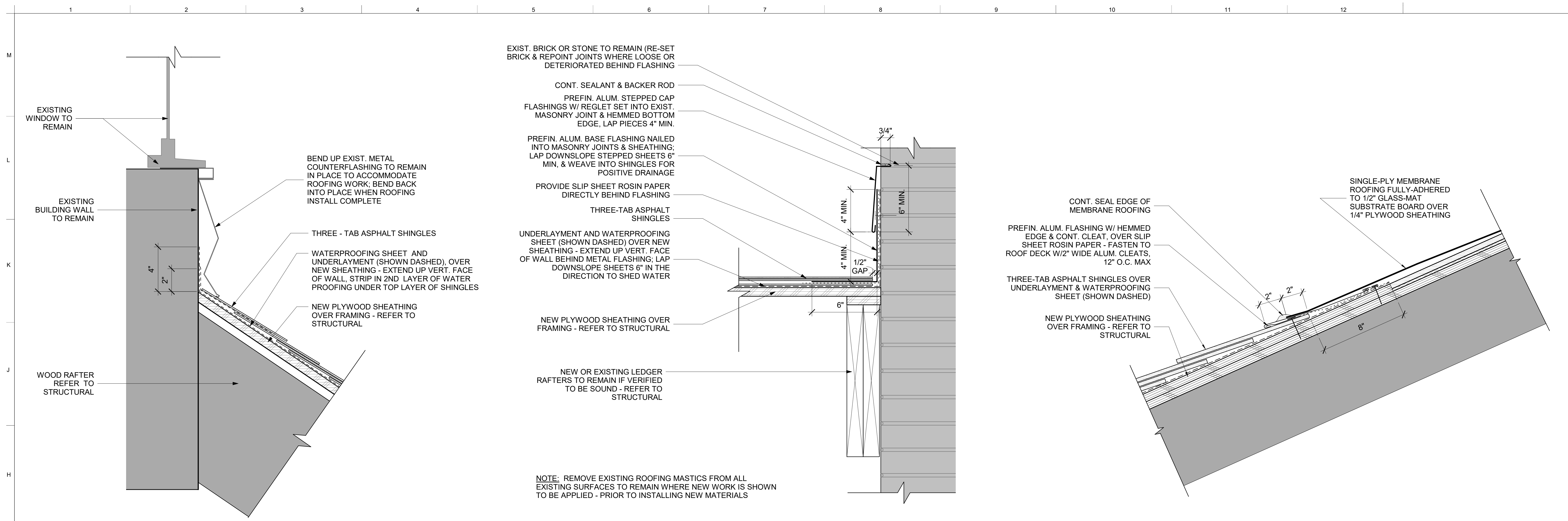
PROJECT MANAGER: A. CECIL
DRAWN BY: S. RUTLAND

QEA No.42134130

FINAL CD SET
5/27/2022

DETAILS

A301



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**KING SOLOMON BAPTIST
CHURCH**

**ROOF REPLACEMENT
(PHASE 1) - FINAL CD SET**

6125 FOURTEENTH STREET DETROIT, MI

No.	Date	Description

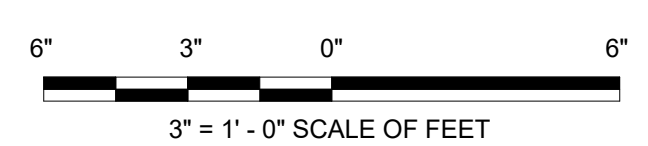
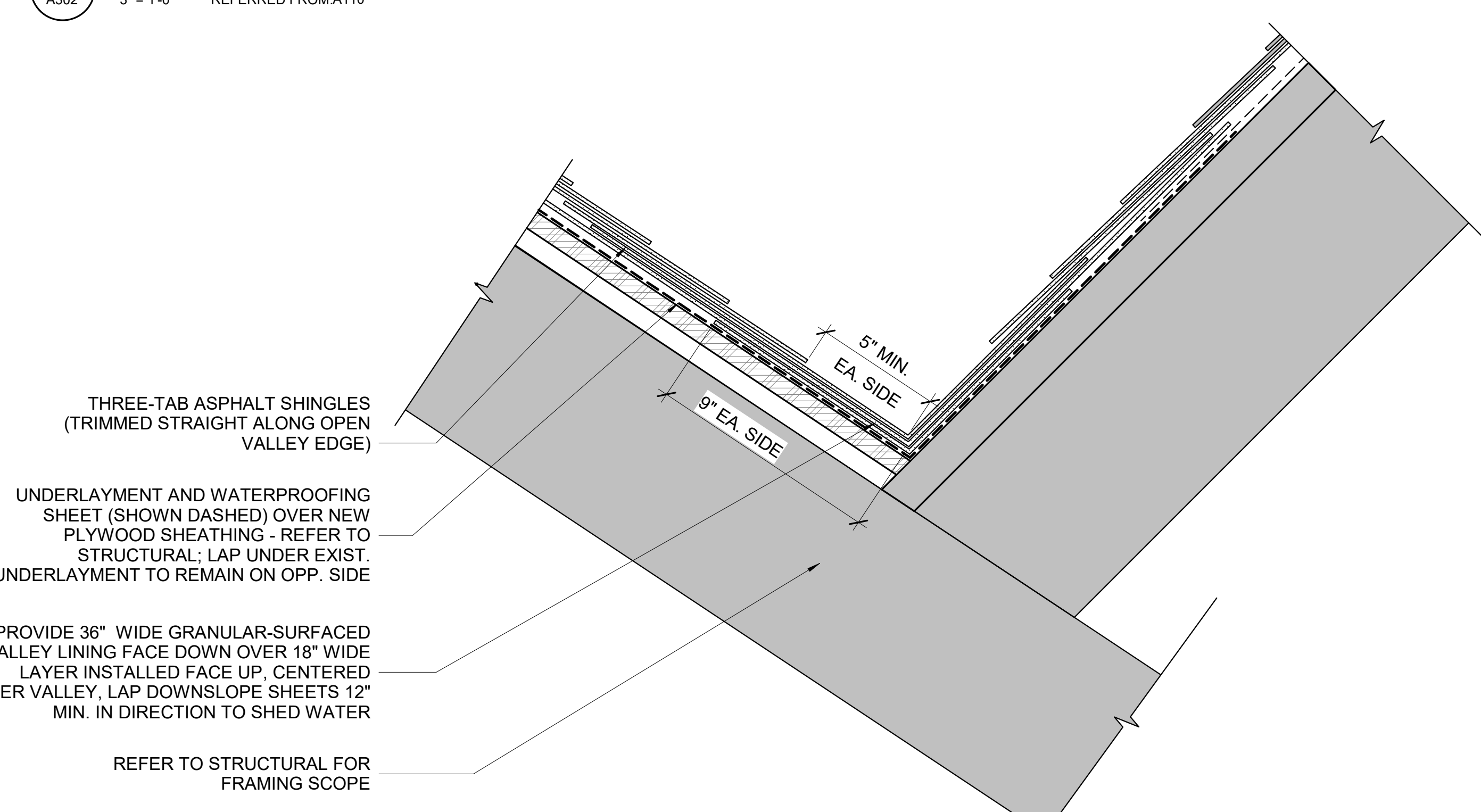
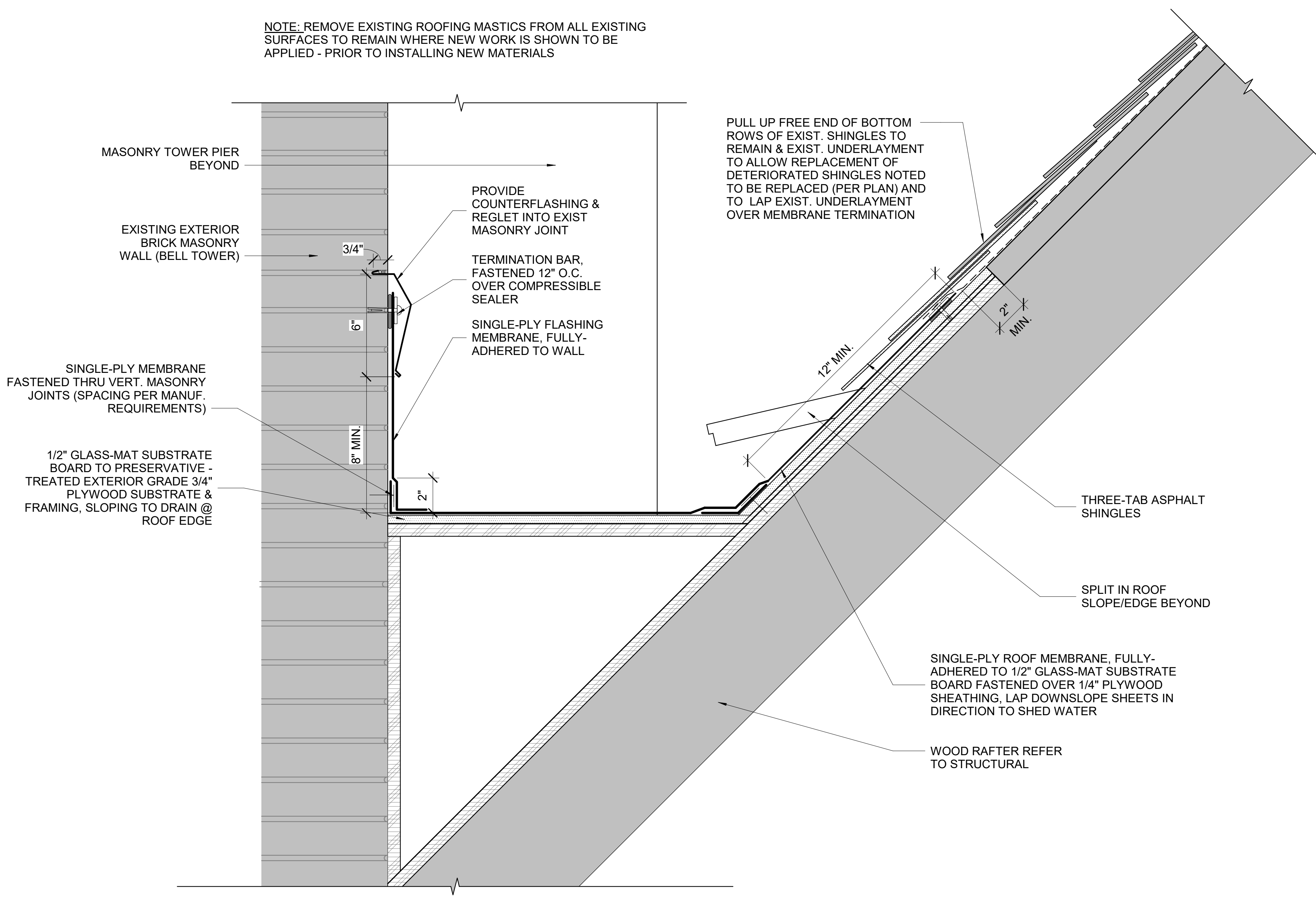
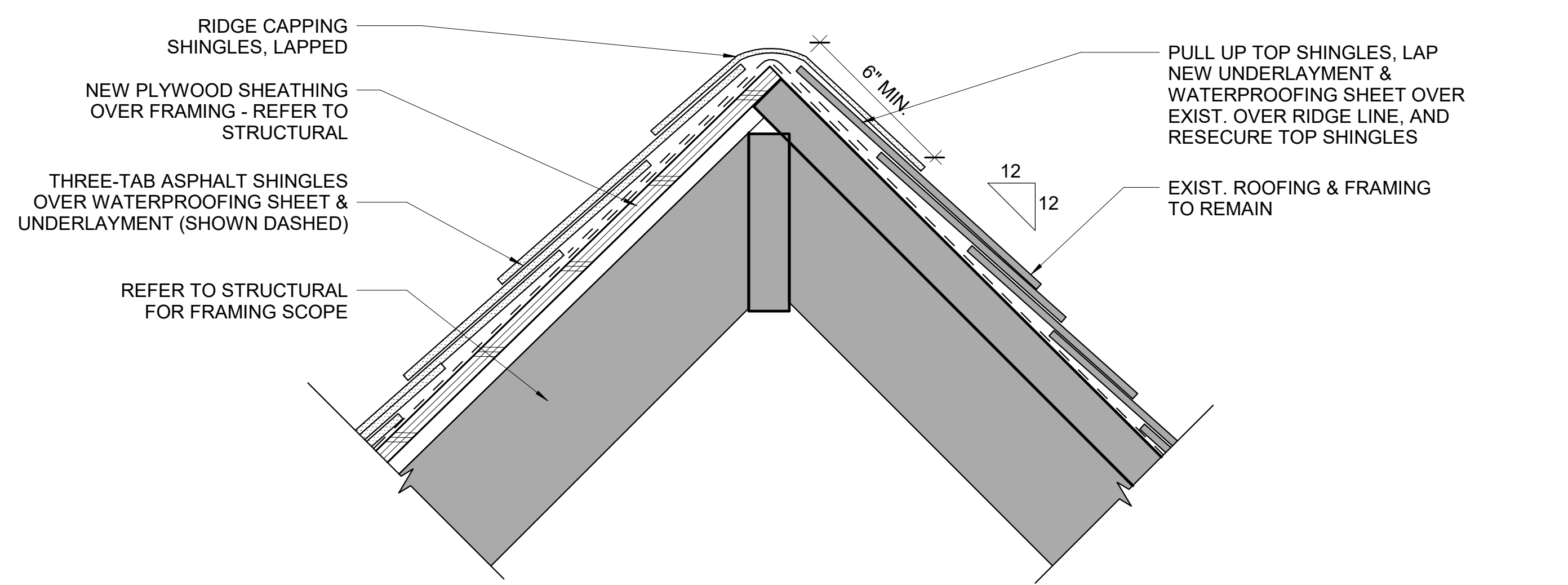
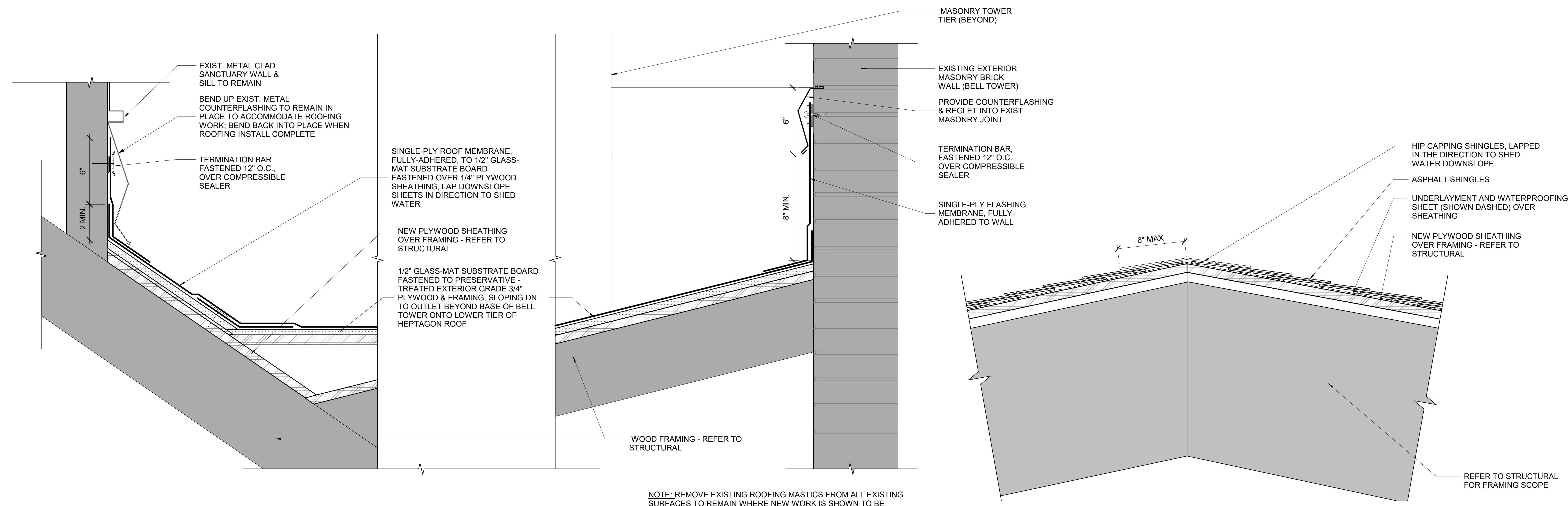
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QEA No. 42134130

FINAL CD SET
5/27/2022

DETAILS

A302



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**KING SOLOMON BAPTIST
CHURCH**

**ROOF REPLACEMENT
(PHASE 1) - FINAL CD SET**

6125 FOURTEENTH STREET DETROIT, MI

No.	Date	Description

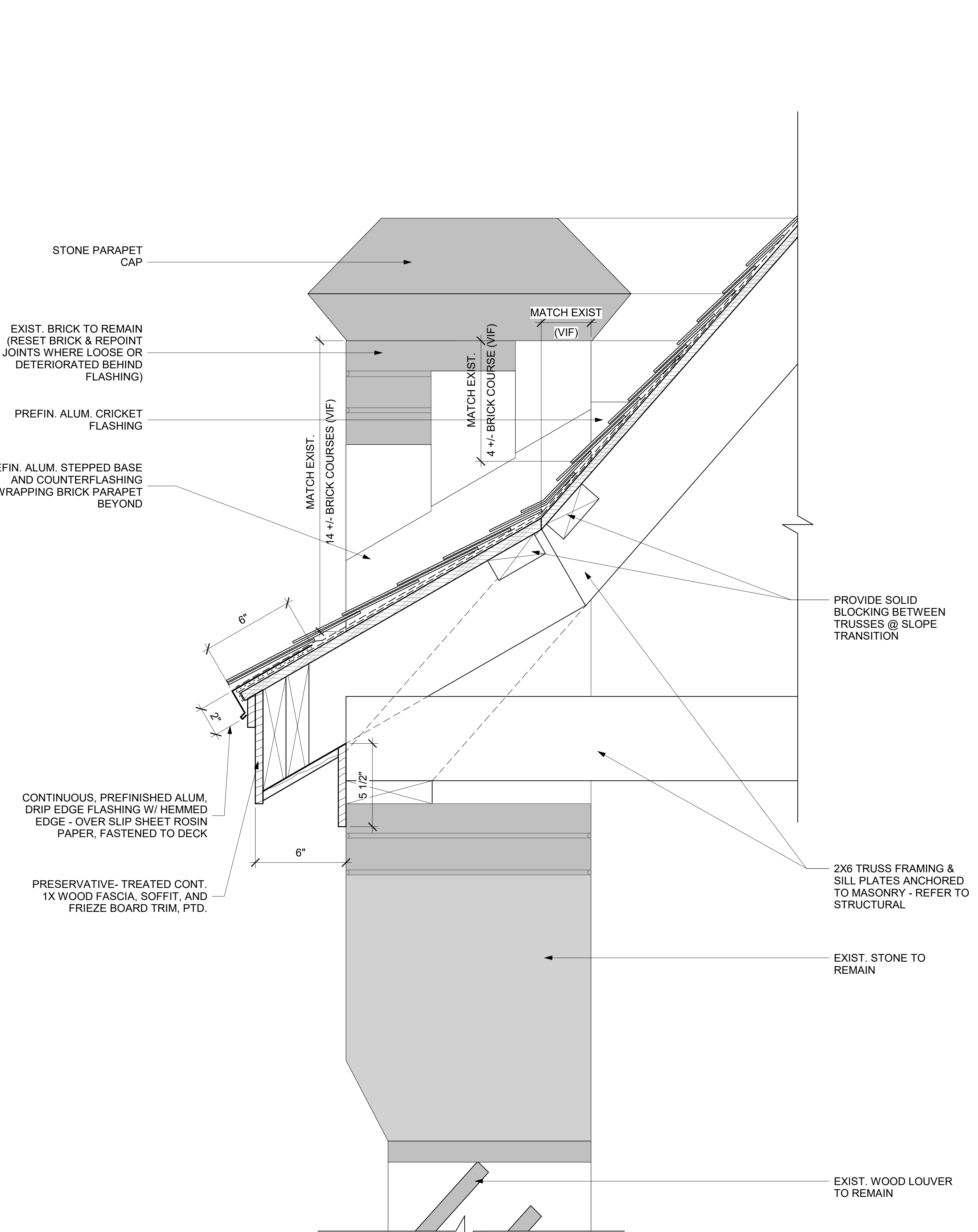
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QEA No.42134130

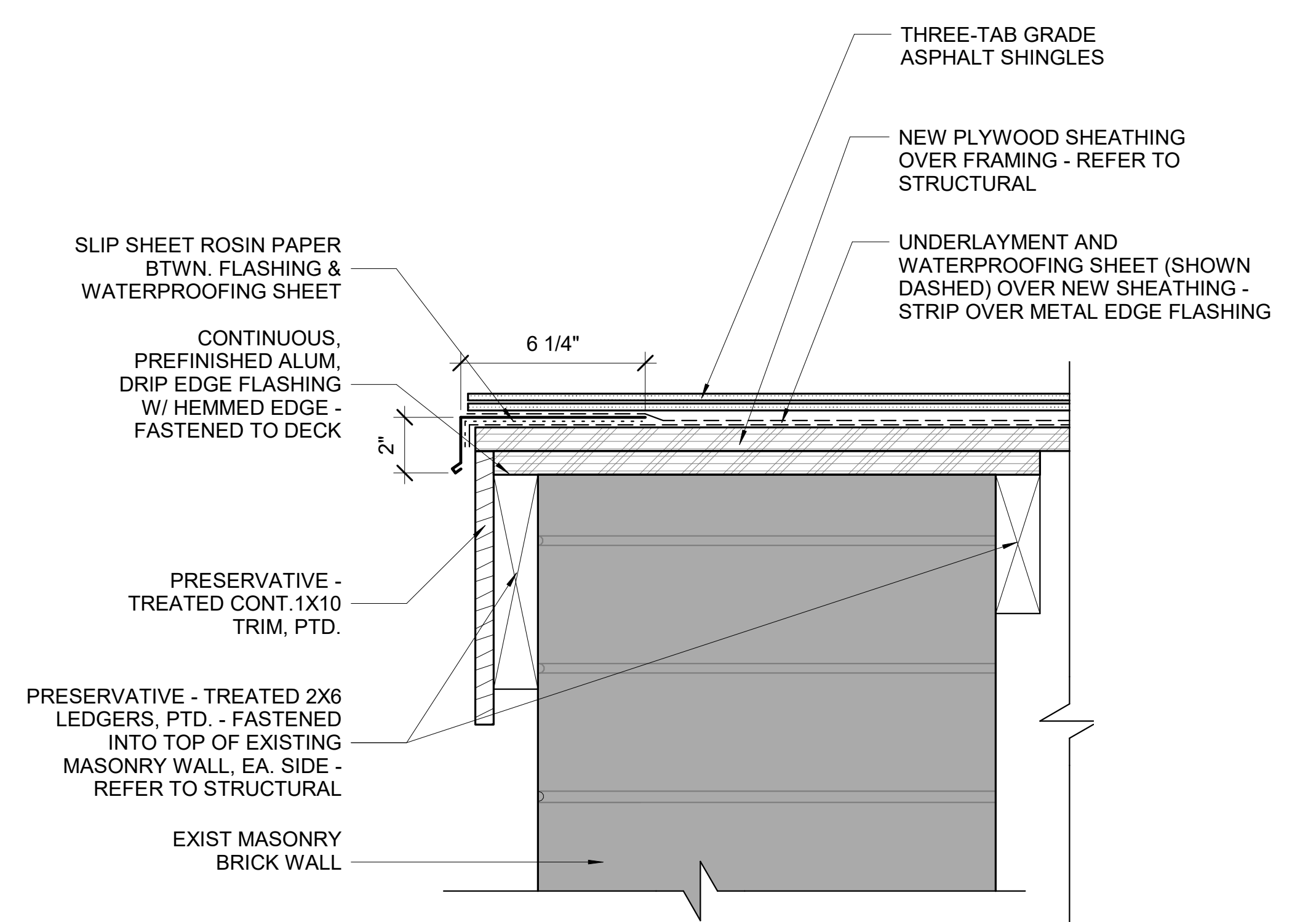
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5/27/2022

DETAILS

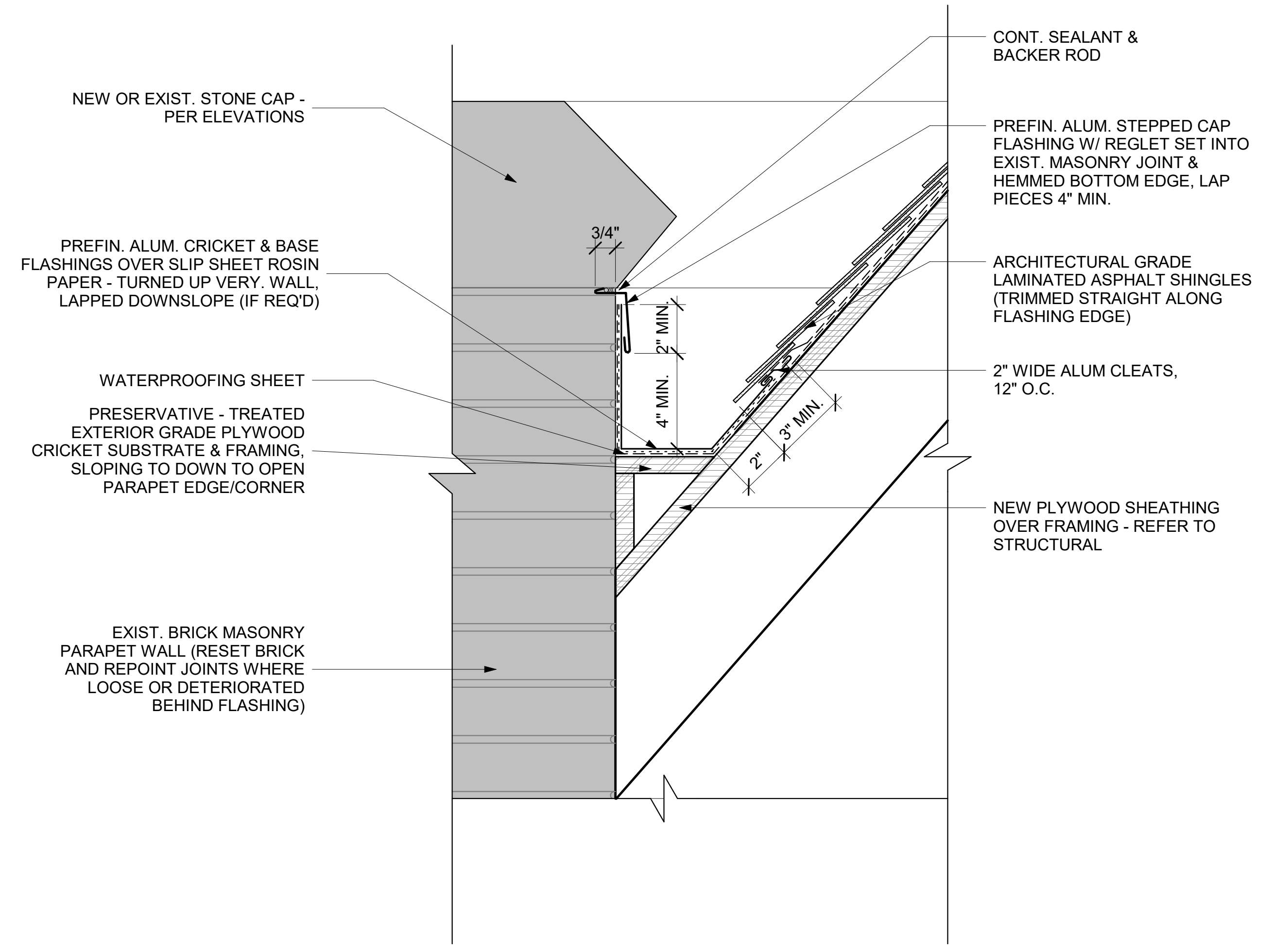
A303



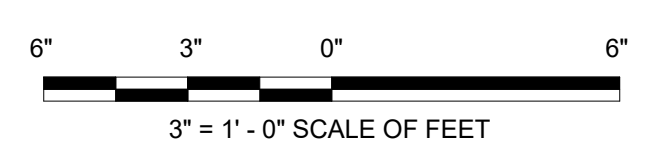
A2 BELL TOWER EAVE DETAIL
A303 3" = 1'-0" REFERRED FROM A202



F8 SHORTENED RAKE OVERHANG AT GABLE ROOF (WEST EDGE)
A303 3" = 1'-0" REFERRED FROM A110



A8 CRICKET BEHIND BELL TOWER PARAPET CORNERS
A303 3" = 1'-0" REFERRED FROM A110



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