

# TOWN OF FAIRHAVEN

## SENIOR AND RECREATIONAL CENTER ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

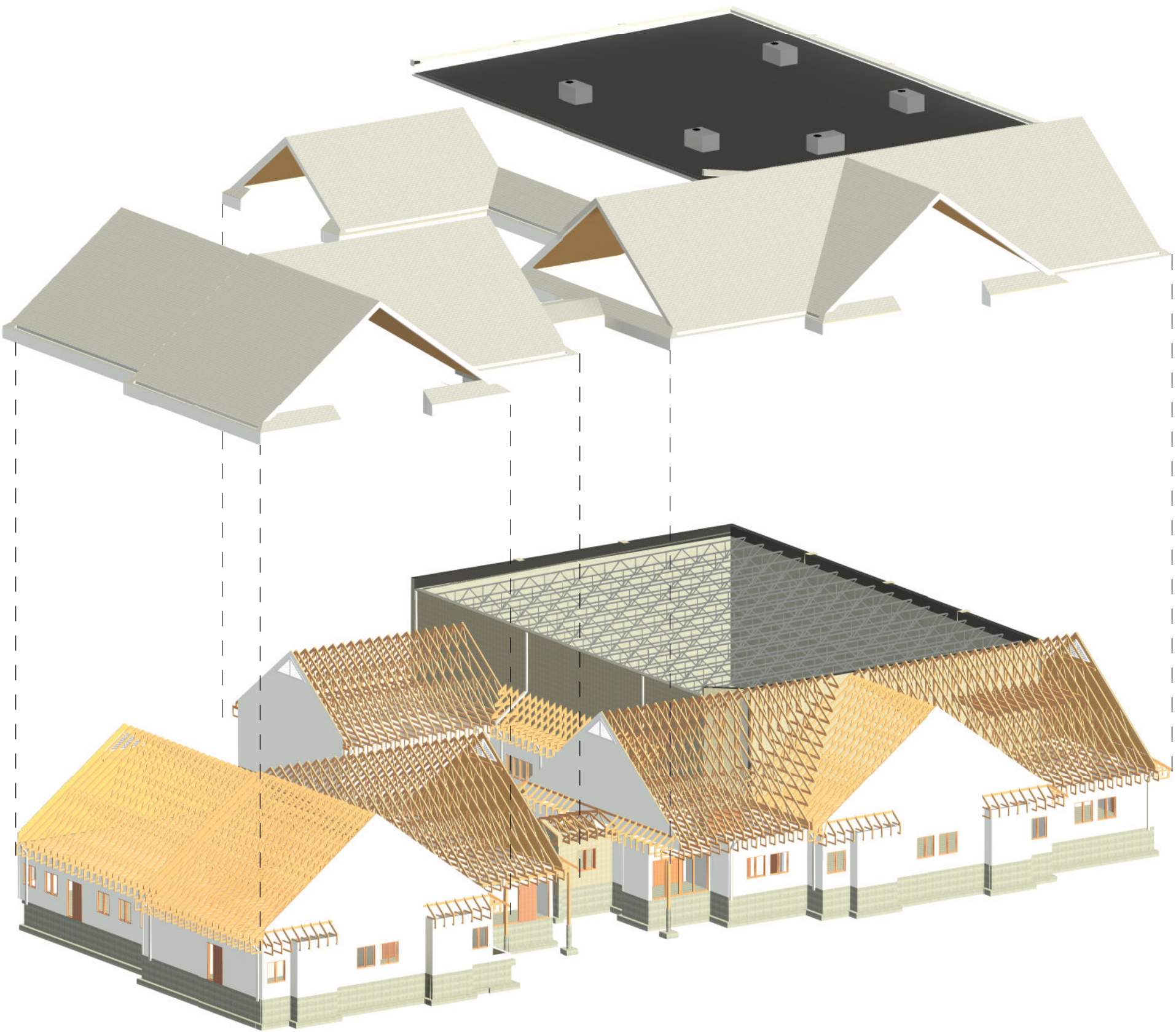
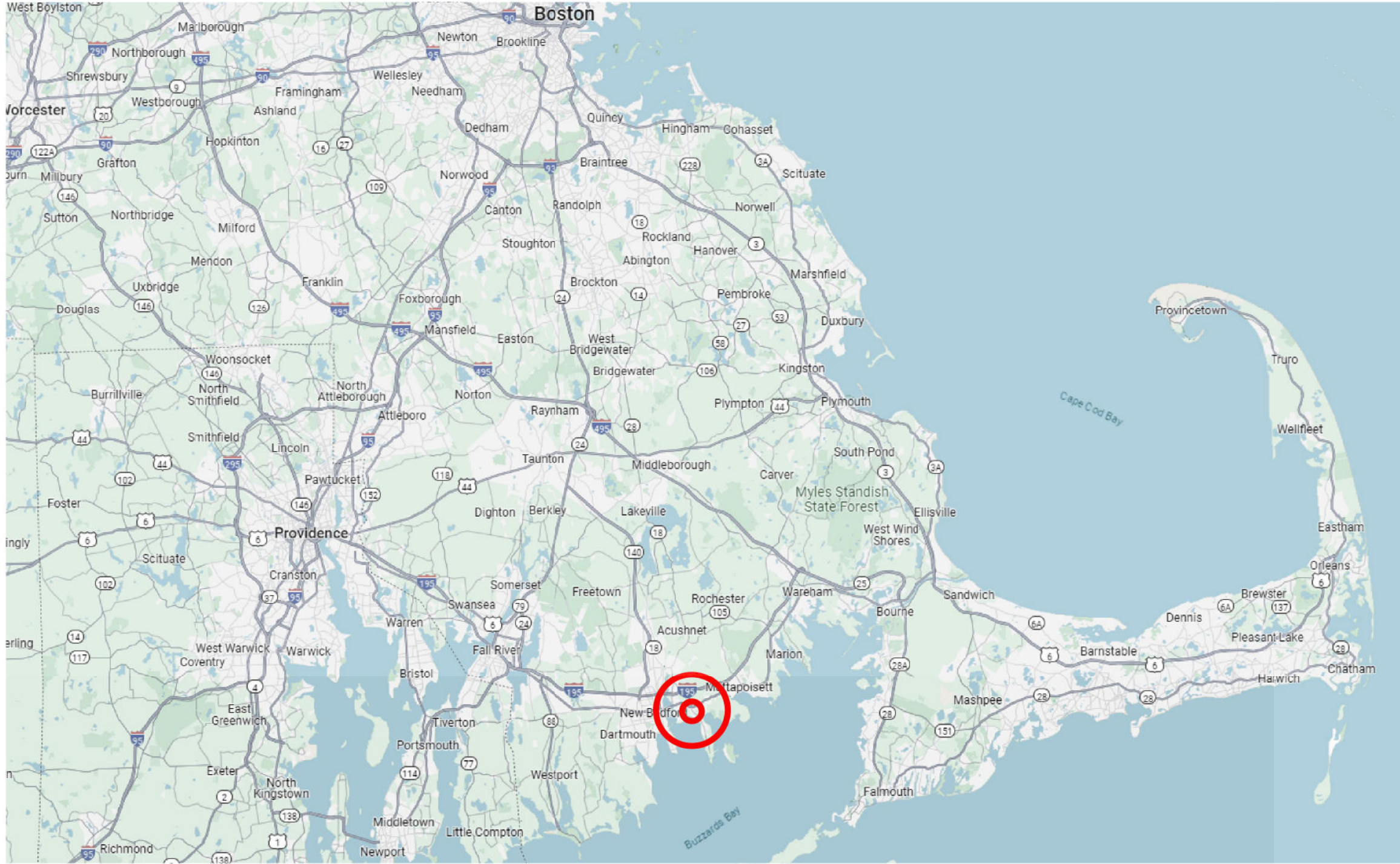
8/14/2024

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## LOCUS MAP

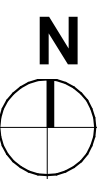
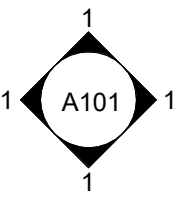
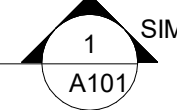

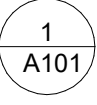



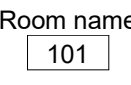











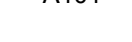


DRAWING LIST	
Sheet Number	Sheet Name
00_GENERAL	
A-000	COVER SHEET
A-001	GENERAL ARCHITECTURAL NOTES
A-002	ARCHITECTURAL LEGEND AND SYMBOLS
A-003	ARCHITECTURAL ABBREVIATIONS
A-004	ARCHITECTURAL SITE PLAN
01_DEMO PLANS	
A-101	DEMO ROOF PLAN
02_DEMO ELEVATIONS	
A-201	DEMO OVERALL ELEVATIONS
A-202	DEMO BUILDING A ELEVATIONS
A-203	DEMO BUILDING B ELEVATIONS
03_DEMO SECTIONS	
A-301	DEMO BUILDING SECTIONS AND DETAILS 1 OF 3
A-302	DEMO BUILDING SECTIONS AND DETAILS 2 OF 3
A-303	DEMO BUILDING SECTIONS AND DETAILS 3 OF 3
04_NEW WORK PLANS	
A-401	NEW WORK ROOF PLAN
05_NEW WORK ELEVATIONS	
A-501	NEW WORK OVERALL ELEVATIONS
A-502	NEW WORK BUILDING A ELEVATIONS
A-503	NEW WORK BUILDING B ELEVATIONS
06_NEW WORK SECTIONS	
A-601	NEW WORK BUILDING SECTIONS AND DETAILS 1 OF 3
A-602	NEW WORK BUILDING SECTIONS AND DETAILS 2 OF 3
A-603	NEW WORK BUILDING SECTIONS AND DETAILS 3 OF 3
07_DETAILS	
A-701	EPDM ROOF DETAILS 1 OF 2
A-702	EPDM ROOF DETAILS 2 OF 2
A-703	ASPHALT ROOF DETAILS 1 OF 2
A-704	ASPHALT ROOF DETAILS 2 OF 2
A-705	ASPHALT ROOF FLASHING DETAILS



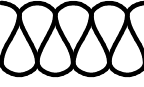
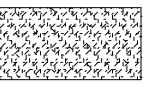



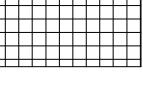

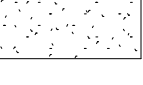


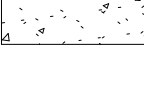
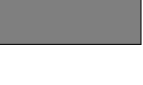

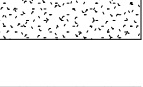
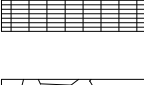







SYMBOLS LEGEND

	NORTH ARROW
	ELEVATION SYMBOL
	SECTION MARKER
	COLUMN GRID LINE
	DETAIL MARKER
	CENTER LINE
	TOILET ACCESSORY TAG
	DOOR TAG
	ROOM IDENTIFICATION
	WALL TAG
	WINDOW TAG
	HANDICAP
	EXIT SIGN (ARROW REPRESENT DIRECTIONAL SIGN)
	SIGN NUMBER
	DEMOLITION NOTE
	NEW WORK NOTE
	SMOKE DETECTOR
	REVISION TAG
	FIRE EXTINGUISHER
	DATUM LEVEL
	WINDOW SECTION CUT

MATERIALS LEGEND

	ALUMINUM		GWB
	BATT INSULATION		PARTICLE BOARD
	BRICK		PLYWOOD
	CERAMIC TILE		RIGID INSULATION
	CMU		SAND, CEMENT, GROUT
	COMPRESSIBLE FILLER		SHINGLE
	CONCRETE		SMOKE SEALANT
	EARTH		SPRAYED FIREPROOFING
	GRATE		STEEL
	GRAVEL		WOOD

CODE REVIEW

**GENERAL**  
THIS SHEET HAS BEEN PREPARED TO SUMMARIZE THE PROJECTS APPROACH FOR COMPLIANCE WITH 780 CMR MASSACHUSETTS STATE BUILDING CODE (9TH EDITION) (MSBC)

**PROJECT SUMMARY:**  
THE SCOPE OF WORK FOR THIS PROJECT INCLUDES THE CONSTRUCTION OF A NEW ROOFING ASSEMBLY ON THE EXISTING ROOF DECK ON THE TOWN OF FAIRHAVEN SENIOR CENTER AND RECREATIONAL CENTER LOCATED AT 227-229 HUTTLESTON AVE, FAIRHAVEN, MA

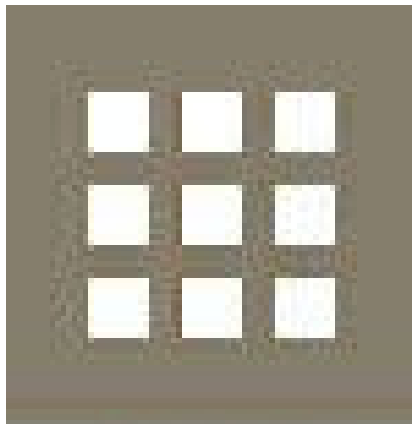
THERE WILL BE ARCHITECTURAL UPGRADES INCLUDING, BUT NOT LIMITED TO, ARCHITECTURAL ELEMENTS ASSOCIATED WITH THE ROOF ASSEMBLY DOWN TO EXISTING DECK, NEW COVER BOARD FOR ROOF ASSEMBLY, NEW VAPOR BARRIER, ADDITIONAL INSULATION TO MEET ENERGY CODE VALUE OF R-30, CODE COMPLIANT TAPERED INSULATION, AND ASSOCIATED ADHESIVES AND MECHANICAL ATTACHMENTS/FASTENERS.

STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING ENGINEERING SERVICES WILL NOT BE PROVIDED.

**OCCUPANCY CLASSIFICATION:**  
FAIRHAVEN COUNCIL ON AGING:  
OCCUPANCY TYPE A-3, OCCUPANCY A-3 INCLUDES ASSEMBLY USES INTENDED FOR WORSHIP, RECREATION, OR AMUSEMENT AND OTHER ASSEMBLIES NOT CLASSIFIED ELSEWHERE IN GROUP A OCCUPANCIES. THE BUILDING IS OF TYPE IIB CONSTRUCTION WITH NON COMBUSTIBLE EXTERIOR WALLS AND WOODEN ROOF TRUSSES AND DECK THAT ARE ALLOWED BY IBC SECTION 603.1.1 "COMBUSTIBLE MATERIALS IN TYPES I AND II CONSTRUCTION"

FAIRHAVEN RECREATIONAL DEPARTMENT:  
OCCUPANCY TYPE A-3, OCCUPANCY A-3 INCLUDES ASSEMBLY USES INTENDED FOR WORSHIP, RECREATION, OR AMUSEMENT AND OTHER ASSEMBLIES NOT CLASSIFIED ELSEWHERE IN GROUP A OCCUPANCIES. THE BUILDING IS OF TYPE IIB CONSTRUCTION WITH NON COMBUSTIBLE EXTERIOR WALLS AND WOODEN ROOF TRUSSES AND DECK THAT ARE ALLOWED BY IBC SECTION 603.1.1 "COMBUSTIBLE MATERIALS IN TYPES I AND II CONSTRUCTION"

**APPLICABLE CODES:**  
780 CMR - MASSACHUSETTS STATE BUILDING CODE, 9TH EDITION (MSBC), WHICH ADOPTS AND AMENDS THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC)  
2015 INTERNATIONAL EXISTING BUILDING CODE  
2015 INTERNATIONAL ENERGY CONSERVATION CODE (ICC) AS AMENDED BY STRETCH CODE 225 CMR 23.00



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ROOF REPLACEMENT

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ARCHITECTURAL LEGEND  
AND SYMBOLS

SCALE: AS NOTED	
CHECKED BY: JG	
DRAWN BY: BG	
DESIGNED BY: NPD	
PROJECT NO: 5060	
DATE: 8/14/2024	DRAWING NO:  A-002



ABBREVIATIONS

& @ A/E AB ABAN A/C ACS DR ACS PNL ACST ACT AD ADA ADDL ADDM ADH ADI ADJC AFF AGGR AHJ AHU ALM ALT ALUM ANN ANOD APPD APPROX AR ARCH ASPH ASSY ASTM AUTO AUX AVG AWT	AND AT ARCHITECT / ENGINEER ANCHOR BOLT ABANDON AIR CONDITIONING ACCESS ACCESS PANEL ACOUSTIC ACOUSTICAL CEILING TILE AREA DRAIN AMERICANS WITH DISABILITIES ACT ADDITIONAL ADDENDUM ADHESIVE ADJUSTABLE ADJACENT ABOVE FINISHED FLOOR AGGREGATE AUTHORITY HAVING JURISDICTION AIR HANDLING UNIT ALARMS ALTERNATE ALUMINUM ANNUNCIATOR ANODIZED APPROVED APPROXIMATE AS REQUIRED ARCHITECT, ARCHITECTURAL ASPHALT ASSEMBLY AMERICAN SOCIETY FOR TESTING MATERIALS AUTOMATIC AUXILIARY AVERAGE ACOUSTICAL WALL TREATMENT	COMP CONC CONC FL CONN CONSTR CONT CONTR COORD COP CORR CPT CSK CT CTB CTD CTG CTR CTRL CU FT CU IN CUR CU YD CW CYL	COMPRESSIBLE CONCRETE CONCRETE FL CONNECT, CONNECTION CONSTRUCTION CONTINUE, CONTINUOUS CONTRACT, CONTRACTOR COORDINATE COPPER COORDIDOR CARPET COUNTERSUNK CERAMIC TILE CERAMIC TILE BASE COATED COATING CENTER CONTROL CUBIC FOOT (FEET) CUBIC INCH CURRENT CUBIC YARD CURTAIN WALL, COLD WATER PIPING CYLINDER	FC FCO FACTY FCU FD FDTN FE FEC FED FF FF FF&E F/F FGL FH FHC FHR FHY FIG FIL FIN FIN BS FIN FLR FIXT FLEX FLMT FLR FLR SK FLUOR FN FOC FOF FOM FP FPM FPS FR FRG FRP FS FT FTG FTR FURN FURR FUT FV FVM FWC	Fire Cabinet, Foot Candle Floor Clean Out Factory Fan Coil Unit Floor Drain Foundation Fire Extinguisher Fire Extinguisher Cabinet Federal Batt Foil Backed Batt Insulation Fabric Flashing, Finish Face Furniture, Fixture & Equipment Face to Face Fiberglass Fire Hose Fire Hose Cabinet Fire Hose Rack Fire Hydrant Figure Fillet Finished Finish Both Side Finished Floor Fixture Flexible Flush Mount Floor Floor Sink Fluorescent Fence Face of Concrete Face of Finish Face of Masonry Fireproof, Flagpole Foot Per Minute Foot Per Second Fire Resistant Flood Resistant Glazing Fiber Reinforced Plastic Full Size Foot or Feet Footing Fin Tube Radiation Furniture Furring Future Field Verify Fare Vending Machine Fabric Wall Covering	HGT HGR HH HM HMD HNDRL HC HORIZ HP HPS HQ HR HS HT HVAC HW HWP Hz	Height Hanger Handhole Hollow Metal Hollow Metal Door Handrail Hold Open Horizontal High Point High Pressure Sodium Headquarters Hour High Strength Height Heat, Ventilation & Air Conditioning Hot Water Hot Water Pump Hertz	MIN MIR MISC MLDG MO MOD MOD BIT MON MPH MR MRT MS MTD MTL MULL MVBL	Minimum Mirror Miscellaneous Molding Masonry Opening Model, Modify Modified Bitumen Monument Miles Per Hour Moisture Resistant Marble Threshold Metal Stud Mounted Metal Mortar Mullion Movable	PTD PVC PVG PWD PWR	Painted Polyvinyl Chloride Paving Plywood Power	SUSP SVCE SVF SW SWDR SYM SYM/M SVS S4S	Suspended Service Sheet Vinyl Flooring Sidewalk Swing Door Symbol Symmetrical Systems Surface Four Sides						
BC BD BEN BF BFP BITUM BL BLDG BLKT BLKG BLT BLW BM BO BOH BOS BOT B PL BP BR BRZ BS BTWN BUR	BOLT CIRCLE, BOOKCASE BOARD BENCH BOTH FACES BACKFLOW PREVENTER BITUMINOUS BASE LINE BUILDING BLANKET DOWN DOMESTIC DOOR OPENING DOZEN DOOR, DRAIN, DRIVE BY OTHERS BACK OF HOUSE BOTTOM OF STEEL BOTTOM BASE PLATE BUILDING PAPER BRASS BRONZE BOTH SIDES BETWEEN BUILT UP ROOF	DIM DIR DISC DISP DIST DIV DMPF DMPR DN DOM DOP DOZ DR DSP DTL DWG	DIMENSION DIRECTION DISCONNECT DISPENSER DISTANCE DIVISION DAMP PROOFING DAMP DOWN DOMESTIC DOOR OPENING DOZEN DOOR, DRAIN, DRIVE DETAIL DRAWING	G GA GALV GALV STL GB GC GCV GD GEN GFCL GFRG GL GLZ GND GOVT GP GPD GPH GPM GPS GR GR FL GR WT GRAN GRL GRTG GSKT GSU GT GVL GWB GYP BD GYP	Gas, Ground Gauge Galvanized Galvanized Steel Grab Bar General Contractor Gas Vent Guard Generator Ground Fault Circuit Interrupter Glass Fiber Reinforced Gypsum Glass Glazing Ground Government Group Gallons Per Day Gallons Per Hour Gallons Per Minute Gallons Per Second Grade Ground Floor Gross Weight Granite Grille Grating Gasket Glazed Structural Unit Grout Gravel Gypsum Wall Board Gypsum Board Gypsum	L LA LAB LAD LAM LAM GL LAB LB LBL LCC LF LG LH LHR LHS LIN LINO LIQ LKR LL LLH LLV LNG LNLT LONG LP LRA LS LT LTWT LTG LVR	Left Lighting Arrester Laboratory Ladder Laminate Laminated Glass Lavatory Pound Label Lead Coated Copper Linear Foot Length Left Hand Left Hand Reverse Left Hand Side Linear Linoleum Liquid Locker Live Load Long Leg Horizontal Long Leg Vertical Longitude Lintel Longitudinal Low Point Locked Rotor Amps Lump Sum Light Lightweight Lighting Louver	MACH MACH RM MAINT MANF MAS MATL MAX MB MDO MECH MECH RM MED MEMB MEZZ MF MFD MFG MFR MFR REC MGT MH MIC	Machine Machine Room Maintenance Manufacturer Masonry Material Maximum Mail Box, Mixing Box Medium Density Overlay Mechanical Mechanical Room Medium Membrane Mezzanine Metal Flashing Manufactured Manufacturing Manufacturer Manufacture's Recommendation Management Manhole Microphone	N NA NAT NEG NEUT NIC NO NOM NON STD NORM NTS NT WT	North Not Applicable Natural Negative Neutral Not In Contract Number Nominal Nonstandard Normal Not To Scale Net Weight	O OA OB OC OCC OD OF OF/CI OF/OI OFF OH OPH OPHD OPNG OPP OPT OR ORIG OVFL OZ	Overall Outside On Center Occupy Outside Diameter, Overflow Drain Outside Face, Owner Furnished Owner Furnished/Contractor Installed Owner Furnished/Owner Installed Office Overhead, Overhang Opposite Hand Opposite Hand Opening Opposite Optional Outside Radius Original Overflow Ounce	P P&S PARA PAR PART PAT PB PC PCT PED PERF PERIM PERM PERP PH PI PIV PL PLAM PLAS PLAT PLBG PLC PLF PLYWD PM PN PNEU PNL POB PORC POS PP PREL PREFAB PRELIM PRESS PREV PRI PRKG PRMT PROJ PSF PSI PT PTN	Power & Signal Paragraph Parallel Partition Pattern Pull Box Precast, Piece, Point of Curve Percent Pedestal Perforated Perimeter Permanent Perpendicular Phase Point of Intersection Post Indicator Valve Plate, Property Line Plastic Laminate Plaster Platform Plumbing Place Pounds Per Linear Foot Plywood Pressed Metal Part Number Pneumatic Panel Point of Beginning Porcelain Position Polypropylene Pair Prefabricate Preliminary Pressure Previous Primary Parking Perimeter Project Pound Per Square Foot Pound Per Square Inch Paint, Pressure Treated Partition	QA QC QT QTB QTR QTY QUAD  R RA RAD RC RCP RCPTN RCVR RD REC RECEPT RECT REF REFL REFR REINF REM REPL REQD REQUIREMENTS RESIL RET REV RFG RFI RFI RH RM RND RO RT RTF RWL RV	Quality Assurance Quality Control Quarry Tile Quarry Tile Base Quarter Quantity Quadrant  Radius or (Stair) Risers Return air Radiators Reinforced concrete Reflected Ceiling Plan Reception Receiver Roof Drain Recessed Receptacle Rectangle Reference, Refrigeration Reflect Refrigerator Reinforcing Removeable Replace Required Requirements Resilient Retaining, Return Revision Roofing Rigid Foam Insulation Request for Information Right Hand Room Round Rough Opening Right Rubber Tile Floor Rain Water Leader Roof Vent	T TC TD TDO TDH TEMP TEL TERR TAG THD THK THRES THRU T.O. TOC TOF TOF TOF TOF TOL TOM TOPO TOS TOW TP TRANS TS TSTAT TV TYP  UGND UL UN UNFIN UNO / UON UR UTIL UV	Treads (Stairs) Tangent Top and Bottom Tobble Bolt To Be Determined Terra Cotta Trench Drain Thermoset Decorative Overlay (Melamine) Total Dynamic Head Tempered / Temporary Telephone Terrazzo Tongue and Groove Thread Thick Threshold Through Top Of Top Of Concrete Top Of Footing Tolerance Top Of Masonry Top Of Wall Top Of Steel Top Of Wall Telephone Pole Translucent Tube Steel Thermostat Television Typical  Underground Underwriters Laboratory Unless Noted Unfinished Unless Otherwise Noted Urinal Utility Unit Ventilator
C CAA CAB CCTV CCW CEM CER CF/CI CFE CFM CF/OI CFS CG CHB CHFR CHK CHR CI CIR CJ CKJT CKT BRKR CL CLG CLG HT CLO CLR CMPST CMU CNTR CO COL	CHANNEL CUSTOMER AREA ASSISTANCE CABINET CLOSED CIRCUIT TELEVISION COUNTERCLOCKWISE CEMENT CERAMIC CONTRACTOR FURNISHED / CONTR INSTALLED CONTRACTOR FURNISHED EQUIP CUBIC FOOT (FEET) PER MINUTE CONTRACTOR FURNISHED / OWNER INSTALLED CUBIC FOOT (FEET) PER SECOND CORNER GUARD CHALK																		



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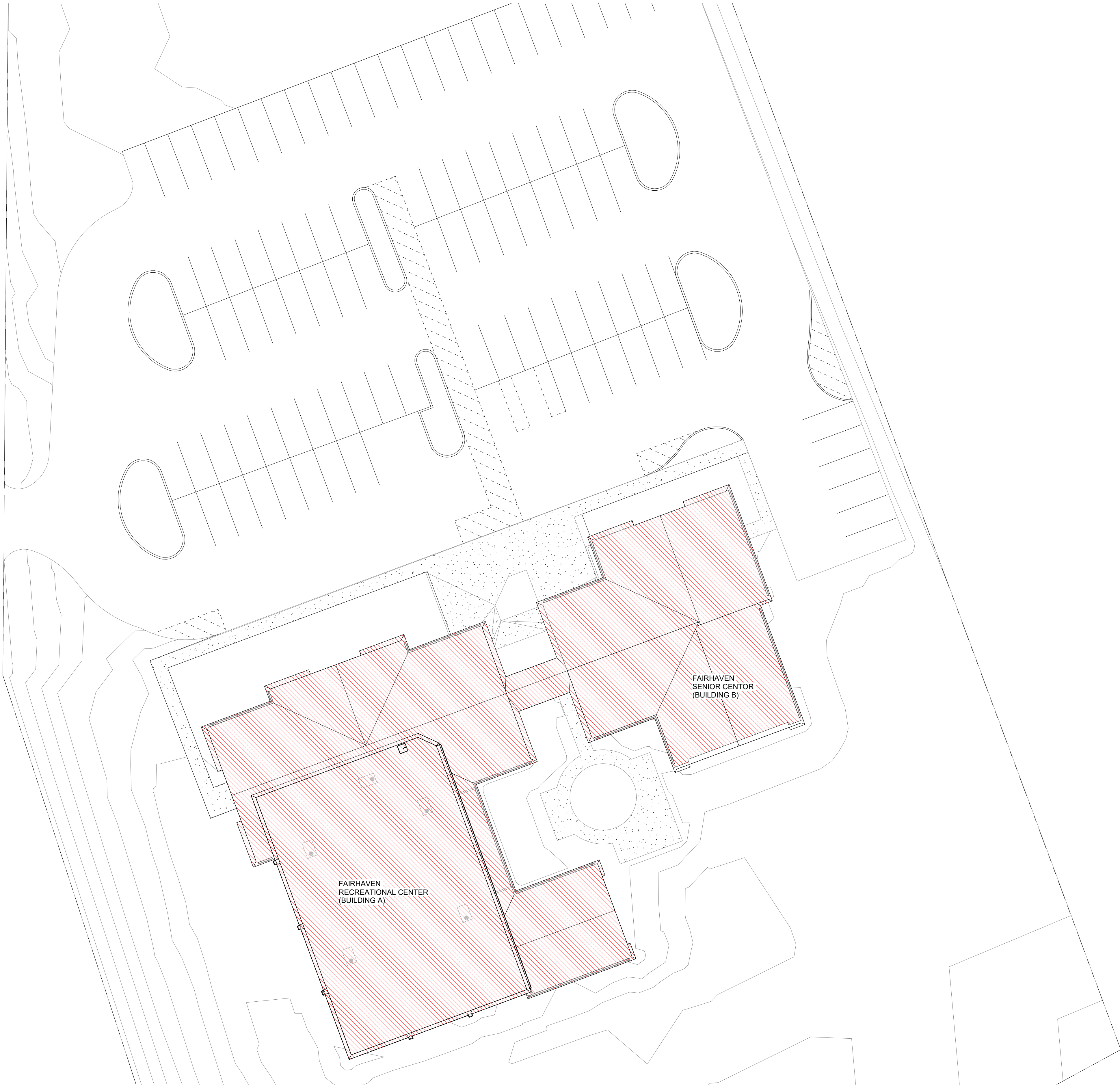
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ISSUE	DATE	DESCRIPTION
<p style="text-align: center;"><b>SENIOR AND RECREATIONAL CENTER ROOF REPLACEMENT</b></p> <p style="text-align: center;"><b>227-229 HUTTLESTON AVE, FAIRHAVEN, MA 02719</b></p>		

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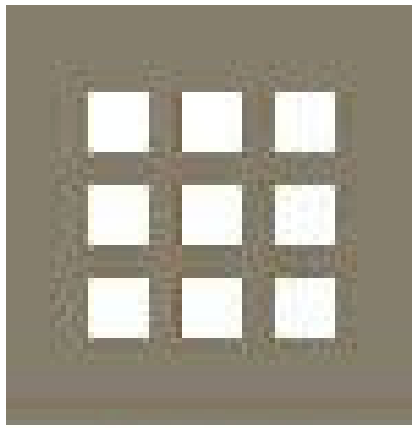
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SCALE <b>AS NOTED</b>	
CHECKED BY <b>JG</b>	
DRAWN BY <b>BG</b>	
DESIGNED BY <b>NPD</b>	
PROJECT NO. <b>5060</b>	
DATE <b>8/14/2024</b>	DRAWING NO. <b>A-003</b>





GRAPHIC LEGEND - SITE PLAN

	EXISTING TO REMAIN
	NEW WORK
	SCOPE OF WORK



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TOWN OF FAIRHAVEN

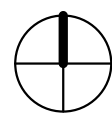
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ARCHITECTURAL SITE  
PLAN

SCALE:  
AS NOTED



CHECKED BY:

JG

DRAWN BY:

BG

DESIGNED BY:

NPD

PROJECT NO.:

5060

DATE:

8/14/2024



DRAWING NO.:

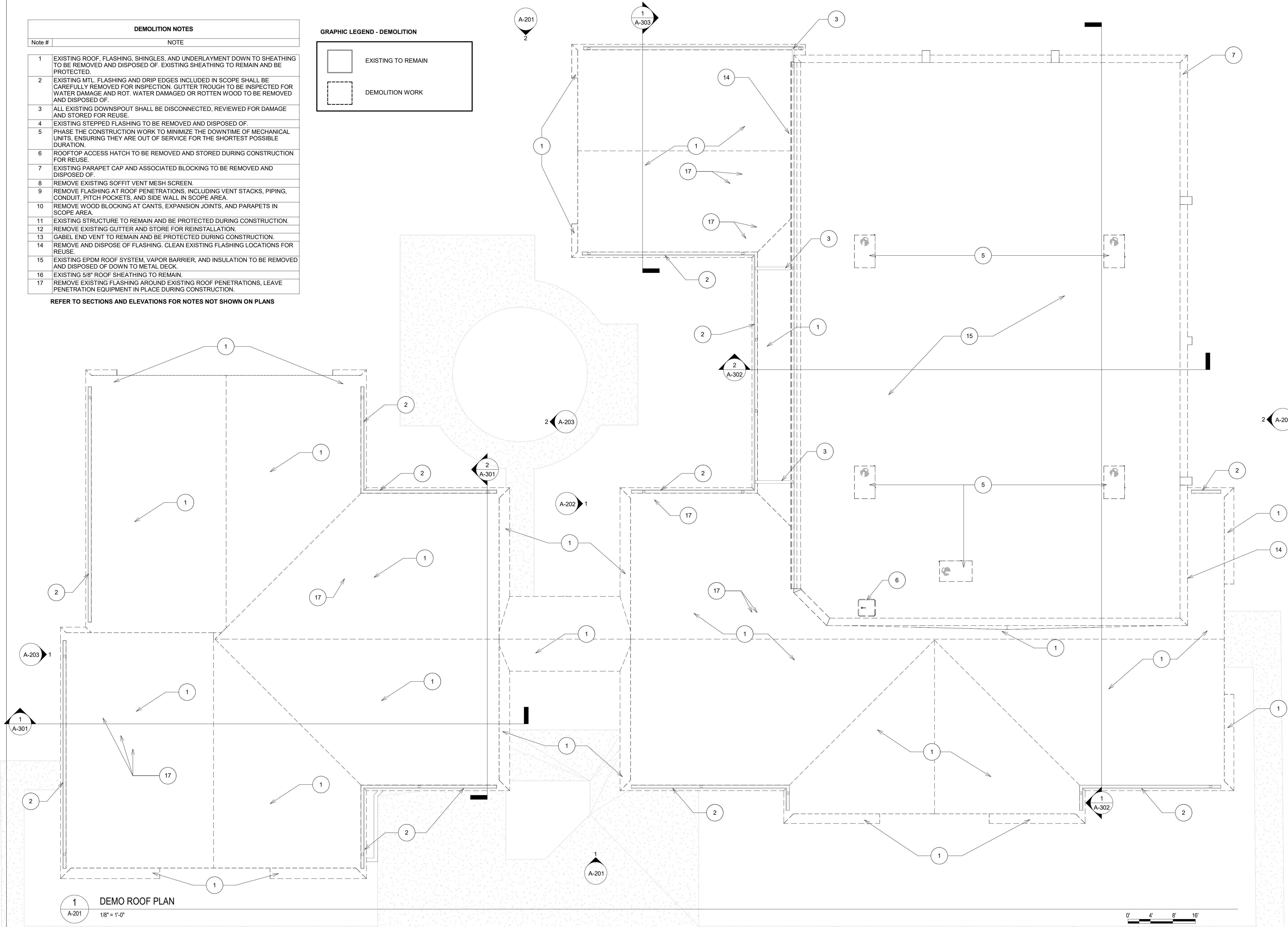
A-004

DEMOLITION NOTES	
Note #	NOTE
1	EXISTING ROOF, FLASHING, SHINGLES, AND UNDERLAYMENT DOWN TO SHEATHING TO BE REMOVED AND DISPOSED OF. EXISTING SHEATHING TO REMAIN AND BE PROTECTED.
2	EXISTING MTL. FLASHING AND DRIP EDGES INCLUDED IN SCOPE SHALL BE CAREFULLY REMOVED FOR INSPECTION. GUTTER TROUGH TO BE INSPECTED FOR WATER DAMAGE AND ROT. WATER DAMAGED OR ROTTEN WOOD TO BE REMOVED AND DISPOSED OF.
3	ALL EXISTING DOWNSPOUT SHALL BE DISCONNECTED, REVIEWED FOR DAMAGE AND STORED FOR REUSE.
4	EXISTING STEPPED FLASHING TO BE REMOVED AND DISPOSED OF.
5	PHASE THE CONSTRUCTION WORK TO MINIMIZE THE DOWNTIME OF MECHANICAL UNITS, ENSURING THEY ARE OUT OF SERVICE FOR THE SHORTEST POSSIBLE DURATION.
6	ROOFTOP ACCESS HATCH TO BE REMOVED AND STORED DURING CONSTRUCTION FOR REUSE.
7	EXISTING PARAPET CAP AND ASSOCIATED BLOCKING TO BE REMOVED AND DISPOSED OF.
8	REMOVE EXISTING SOFFIT VENT MESH SCREEN.
9	REMOVE FLASHING AT ROOF PENETRATIONS, INCLUDING VENT STACKS, PIPING, CONDUIT, PITCH POCKETS, AND SIDE WALL IN SCOPE AREA.
10	REMOVE WOOD BLOCKING AT CANTS, EXPANSION JOINTS, AND PARAPETS IN SCOPE AREA.
11	EXISTING STRUCTURE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.
12	REMOVE EXISTING GUTTER AND STORE FOR REINSTALLATION.
13	GABEL END VENT TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.
14	REMOVE AND DISPOSE OF FLASHING. CLEAN EXISTING FLASHING LOCATIONS FOR REUSE.
15	EXISTING EPDM ROOF SYSTEM, VAPOR BARRIER, AND INSULATION TO BE REMOVED AND DISPOSED OF DOWN TO METAL DECK.
16	EXISTING 5/8" ROOF SHEATHING TO REMAIN.
17	REMOVE EXISTING FLASHING AROUND EXISTING ROOF PENETRATIONS, LEAVE PENETRATION EQUIPMENT IN PLACE DURING CONSTRUCTION.

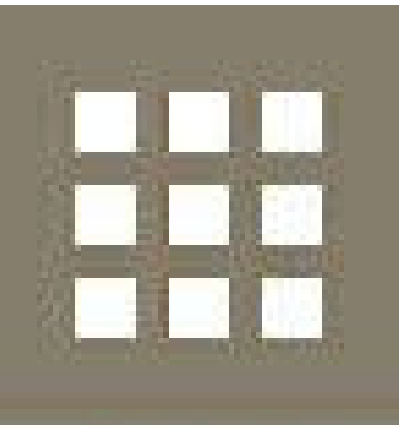
REFER TO SECTIONS AND ELEVATIONS FOR NOTES NOT SHOWN ON PLANS

GRAPHIC LEGEND - DEMOLITION

-  EXISTING TO REMAIN
-  DEMOLITION WORK



1 DEMO ROOF PLAN  
A-201 1/8" = 1'-0"



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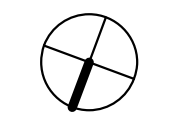
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DEMO ROOF PLAN

SCALE  
AS NOTED



CHECKED BY  
JG

DRAWN BY  
BG

DESIGNED BY  
NPD

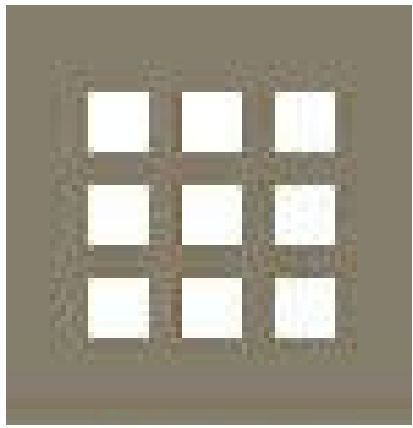
PROJECT NO.  
5060

DATE  
8/14/2024

DRAWING NO.

A-101





**DHK**  
ARCHITECTS

54 CANAL STREET  
2ND FLOOR  
BOSTON, MA 02114  
617-267-6408  
FAX 617-267-1990

TOWN OF FAIRHAVEN

SENIOR AND  
RECREATIONAL CENTER  
ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

DEMO OVERALL  
ELEVATIONS

SCALE	AS NOTED
CHECKED BY	JG
DRAWN BY	BG
DESIGNED BY	NPD
PROJECT NO.	5060
DATE	8/14/2024

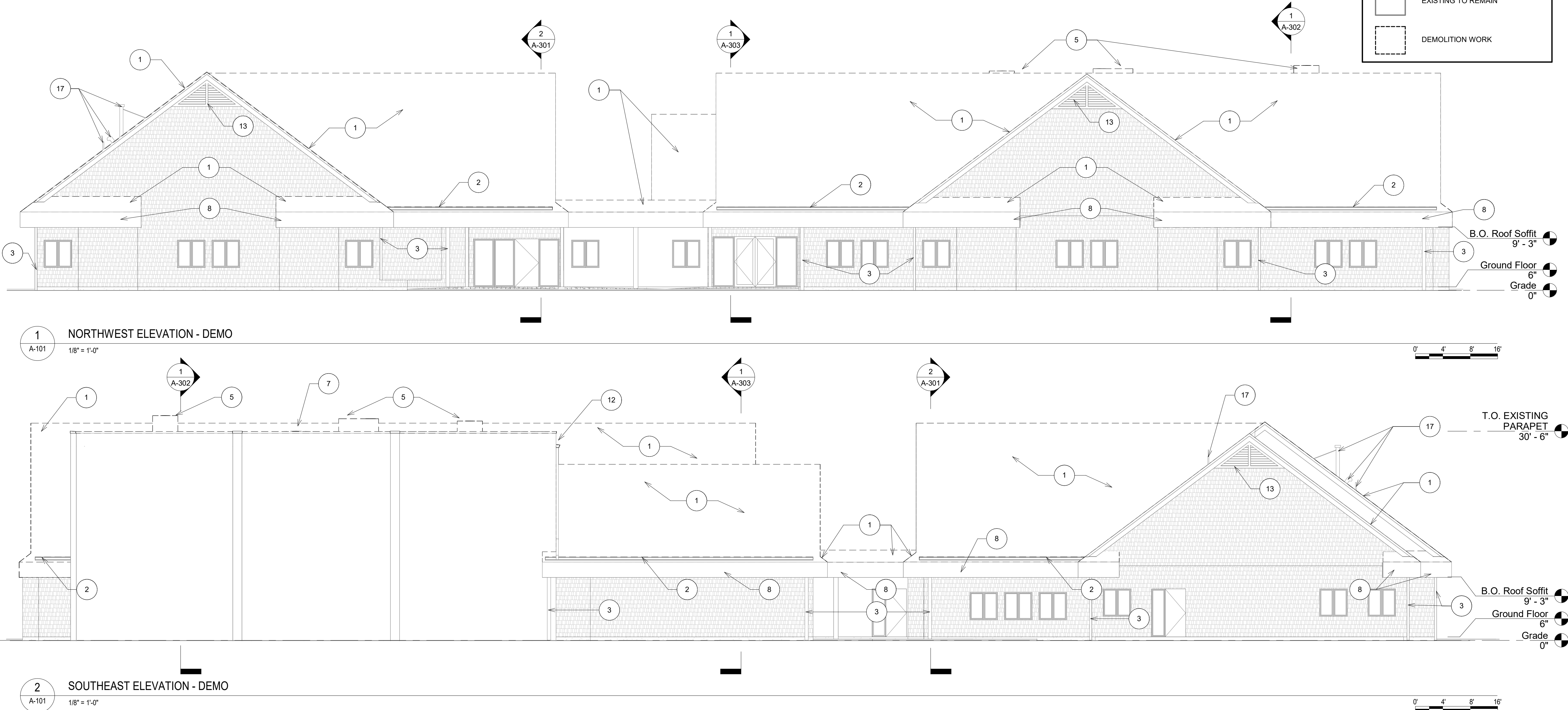
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**A-201**

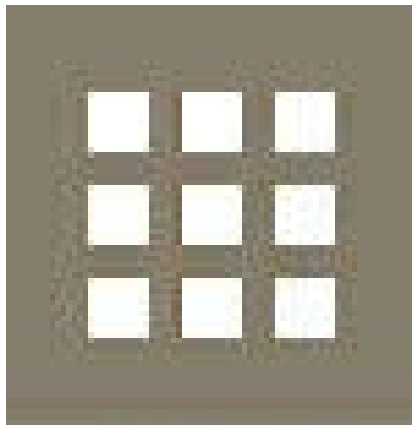
DEMOLITION NOTES	
Note #	NOTE
1	EXISTING ROOF, FLASHING, SHINGLES, AND UNDERLAYMENT DOWN TO SHEATHING TO BE REMOVED AND DISPOSED OF. EXISTING SHEATHING TO REMAIN AND BE PROTECTED.
2	EXISTING MTL. FLASHING AND DRIP EDGES INCLUDED IN SCOPE SHALL BE CAREFULLY REMOVED FOR INSPECTION. GUTTER TROUGH TO BE INSPECTED FOR WATER DAMAGE AND ROT. WATER DAMAGED OR ROTTEN WOOD TO BE REMOVED AND DISPOSED OF.
3	ALL EXISTING DOWNSPOUT SHALL BE DISCONNECTED, REVIEWED FOR DAMAGE AND STORED FOR REUSE.
4	EXISTING STEPPED FLASHING TO BE REMOVED AND DISPOSED OF.
5	PHASE THE CONSTRUCTION WORK TO MINIMIZE THE DOWNTIME OF MECHANICAL UNITS, ENSURING THEY ARE OUT OF SERVICE FOR THE SHORTEST POSSIBLE DURATION.
6	ROOFTOP ACCESS HATCH TO BE REMOVED AND STORED DURING CONSTRUCTION FOR REUSE.
7	EXISTING PARAPET CAP AND ASSOCIATED BLOCKING TO BE REMOVED AND DISPOSED OF.
8	REMOVE EXISTING SOFFIT VENT MESH SCREEN.
9	REMOVE FLASHING AT ROOF PENETRATIONS, INCLUDING VENT STACKS, PIPING, CONDUIT, PITCH POCKETS, AND SIDE WALL IN SCOPE AREA.
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12	REMOVE EXISTING GUTTER AND STORE FOR REINSTALLATION.
13	GABEL END VENT TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.
14	REMOVE AND DISPOSE OF FLASHING. CLEAN EXISTING FLASHING LOCATIONS FOR REUSE.
15	EXISTING EPDM ROOF SYSTEM, VAPOR BARRIER, AND INSULATION TO BE REMOVED AND DISPOSED OF DOWN TO METAL DECK.
16	EXISTING 5/8" ROOF SHEATHING TO REMAIN.
17	REMOVE EXISTING FLASHING AROUND EXISTING ROOF PENETRATIONS. LEAVE PENETRATION EQUIPMENT IN PLACE DURING CONSTRUCTION.

REFER TO PLANS AND SECTIONS FOR NOTES NOT SHOWN ON ELEVATIONS

GRAPHIC LEGEND - DEMOLITION

	EXISTING TO REMAIN
	DEMOLITION WORK





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ARCHITECTS

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TOWN OF FAIRHAVEN

SENIOR AND  
RECREATIONAL CENTER  
ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

DEMO BUILDING A  
ELEVATIONS

SCALE:  
AS NOTED

CHECKED BY:  
JG

DRAWN BY:  
BG

DESIGNED BY:  
NPD

PROJECT NO.:  
5060

DATE:  
8/14/2024

DRAWING NO.

A-202

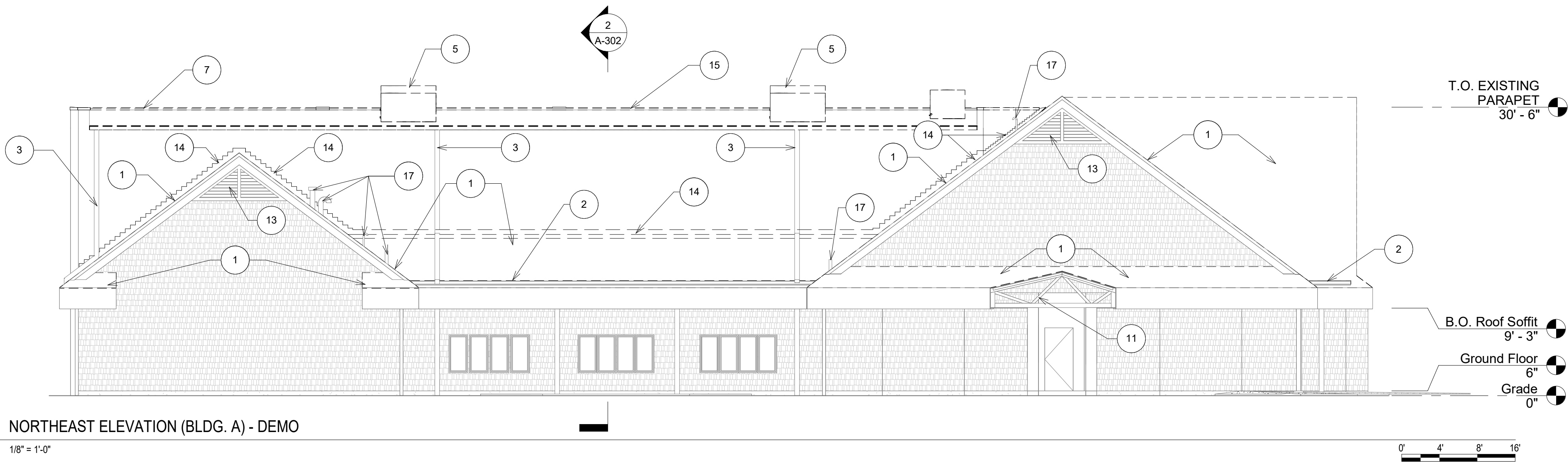
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REFER TO PLANS AND SECTIONS FOR NOTES NOT SHOWN ON ELEVATIONS

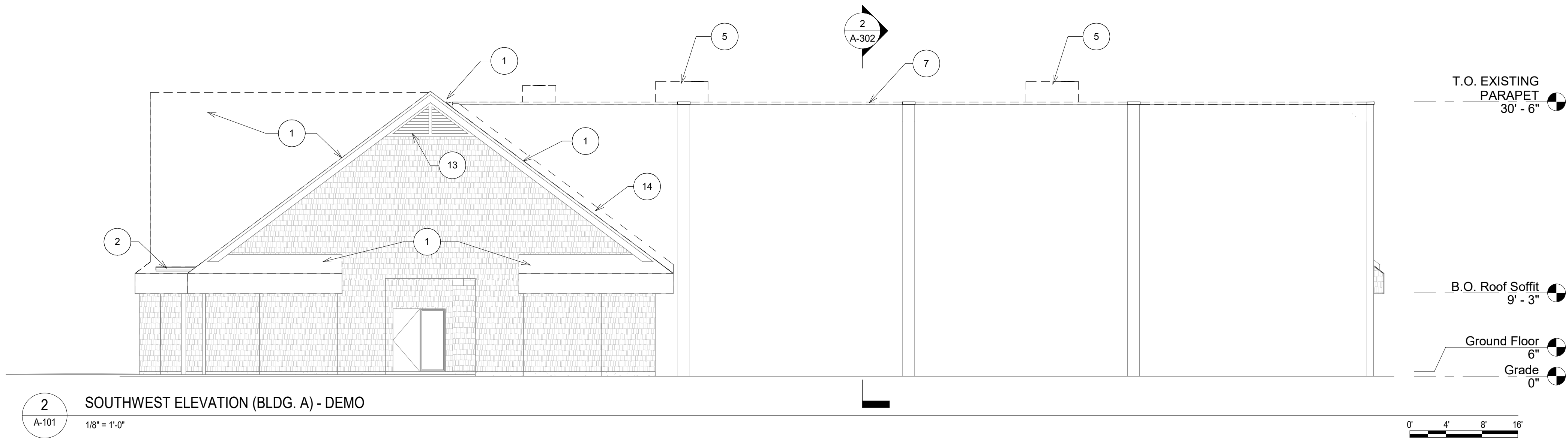
GRAPHIC LEGEND - DEMOLITION

	EXISTING TO REMAIN
	DEMOLITION WORK



1  
A-101  
1/8" = 1'-0"

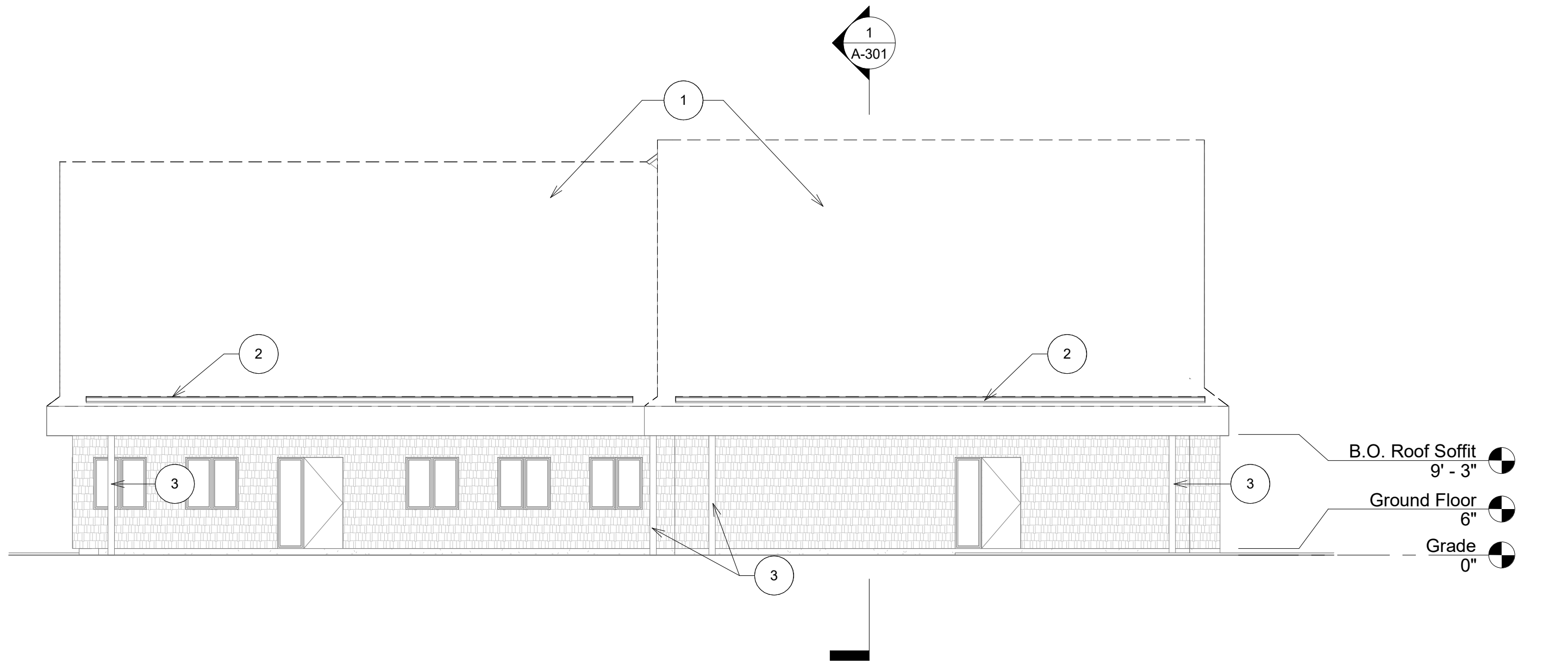
NORTHEAST ELEVATION (BLDG. A) - DEMO



2  
A-101  
1/8" = 1'-0"

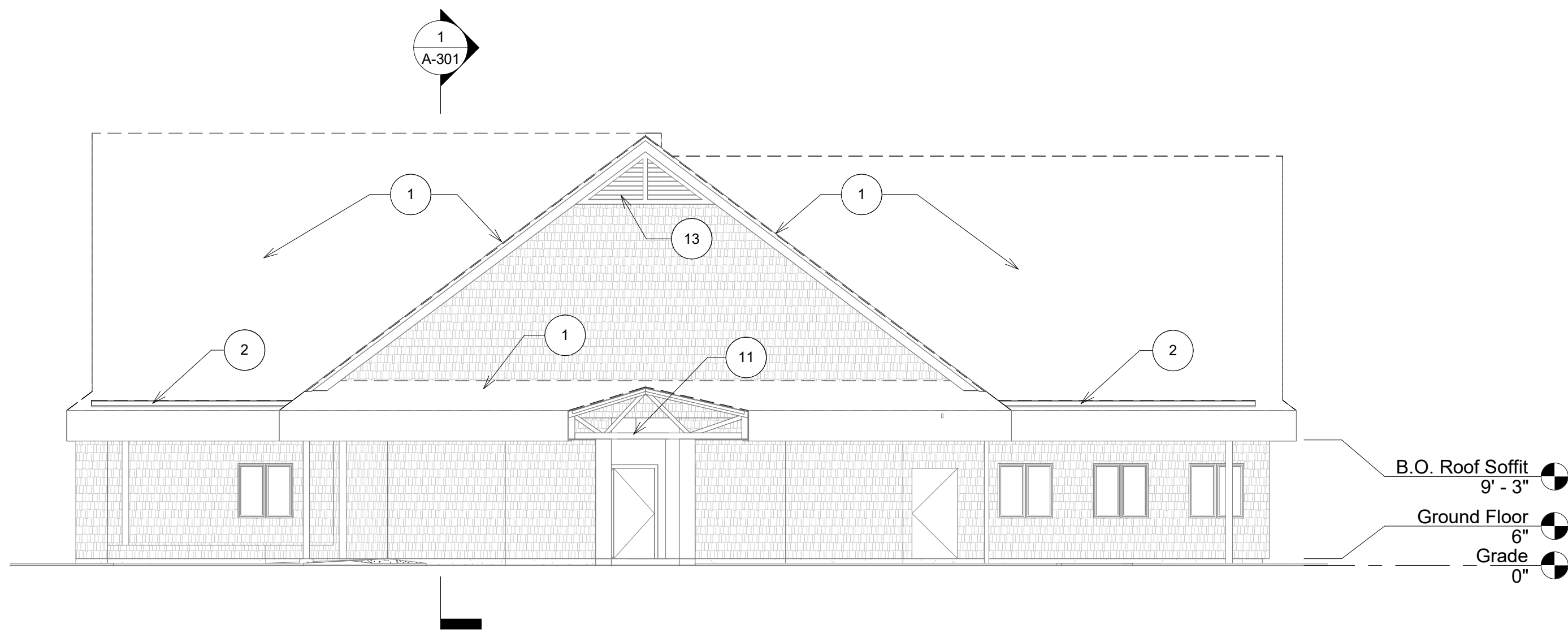
SOUTHWEST ELEVATION (BLDG. A) - DEMO





1  
A-101  
1/8" = 1'-0"

NORTHEAST ELEVATION (BLDG. B) - DEMO



2  
A-101  
1/8" = 1'-0"

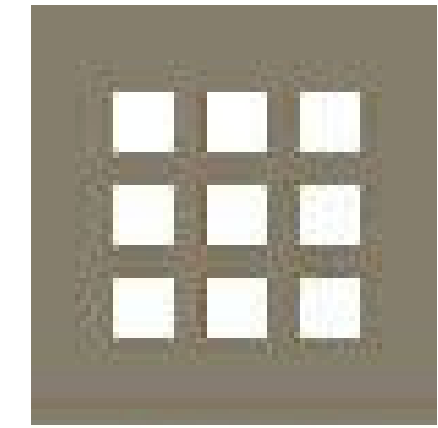
SOUTHWEST ELEVATION (BLDG. B) - DEMO

DEMOLITION NOTES	
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REFER TO PLANS AND SECTIONS FOR NOTES NOT SHOWN ON ELEVATIONS

GRAPHIC LEGEND - DEMOLITION

	EXISTING TO REMAIN
	DEMOLITION WORK



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TOWN OF FAIRHAVEN

SENIOR AND  
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ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

DEMO BUILDING B  
ELEVATIONS

SCALE  
AS NOTED

CHECKED BY  
JG

DRAWN BY  
BG

DESIGNED BY  
NPD

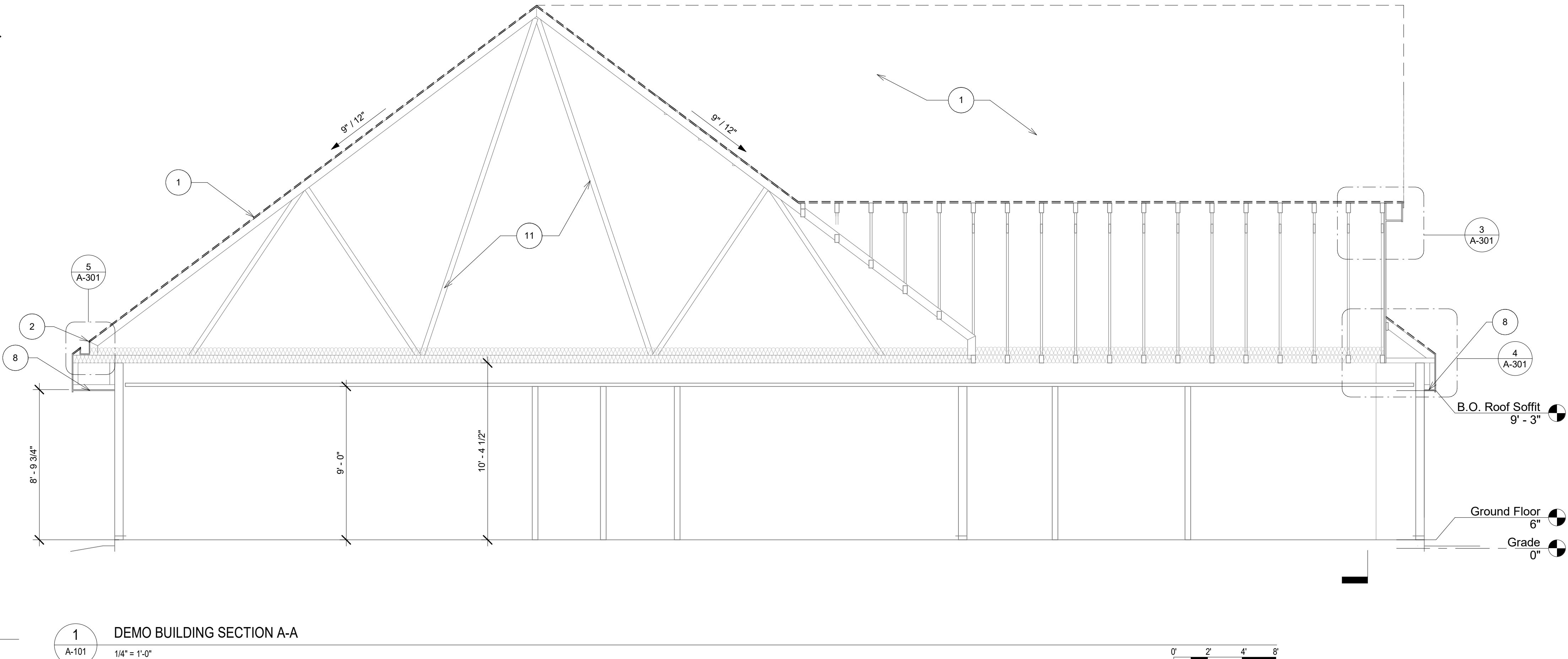
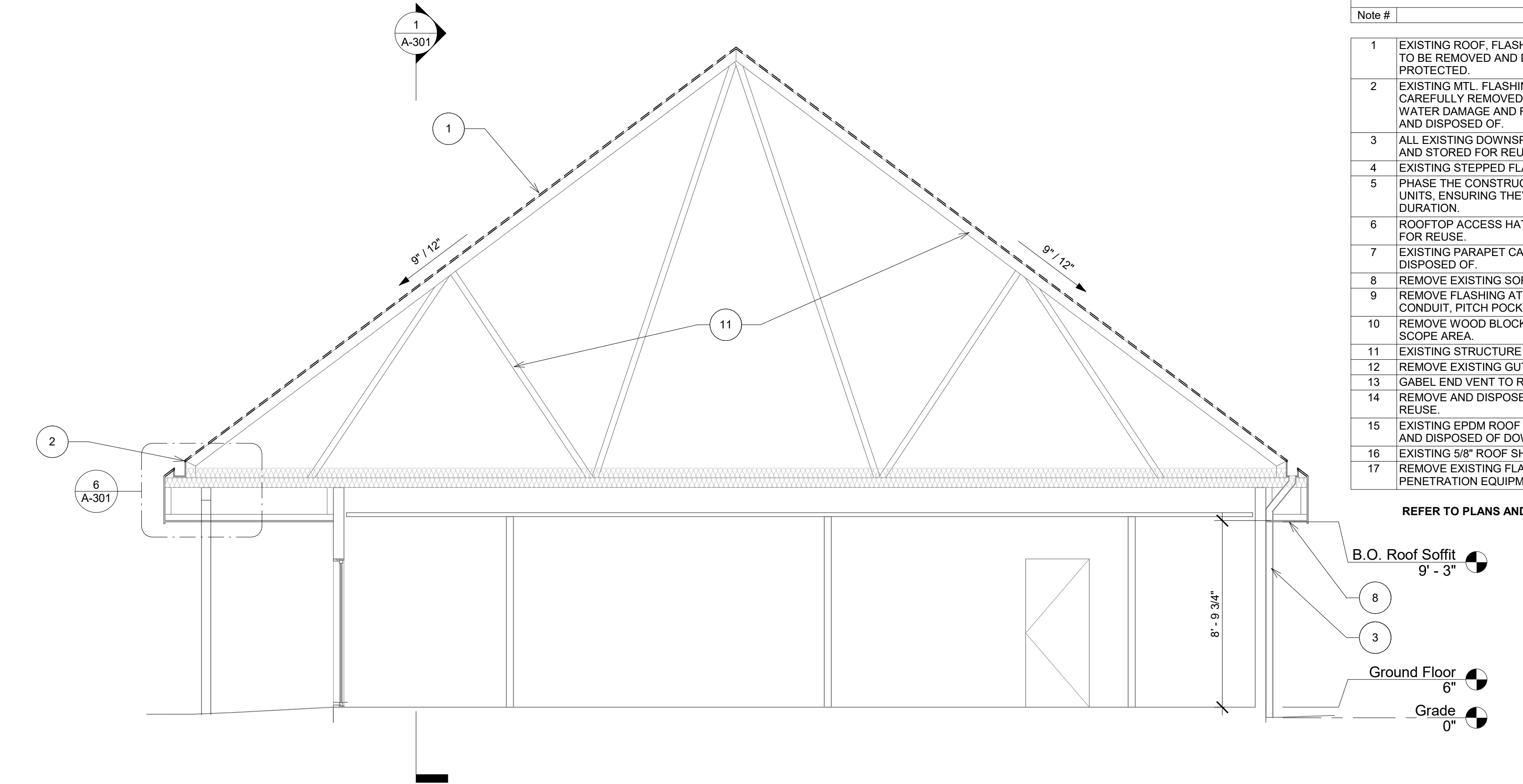
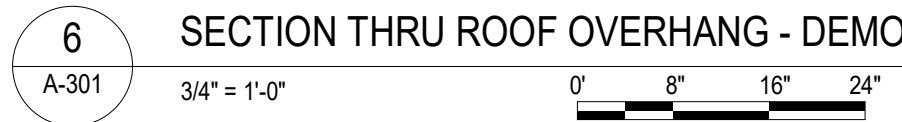
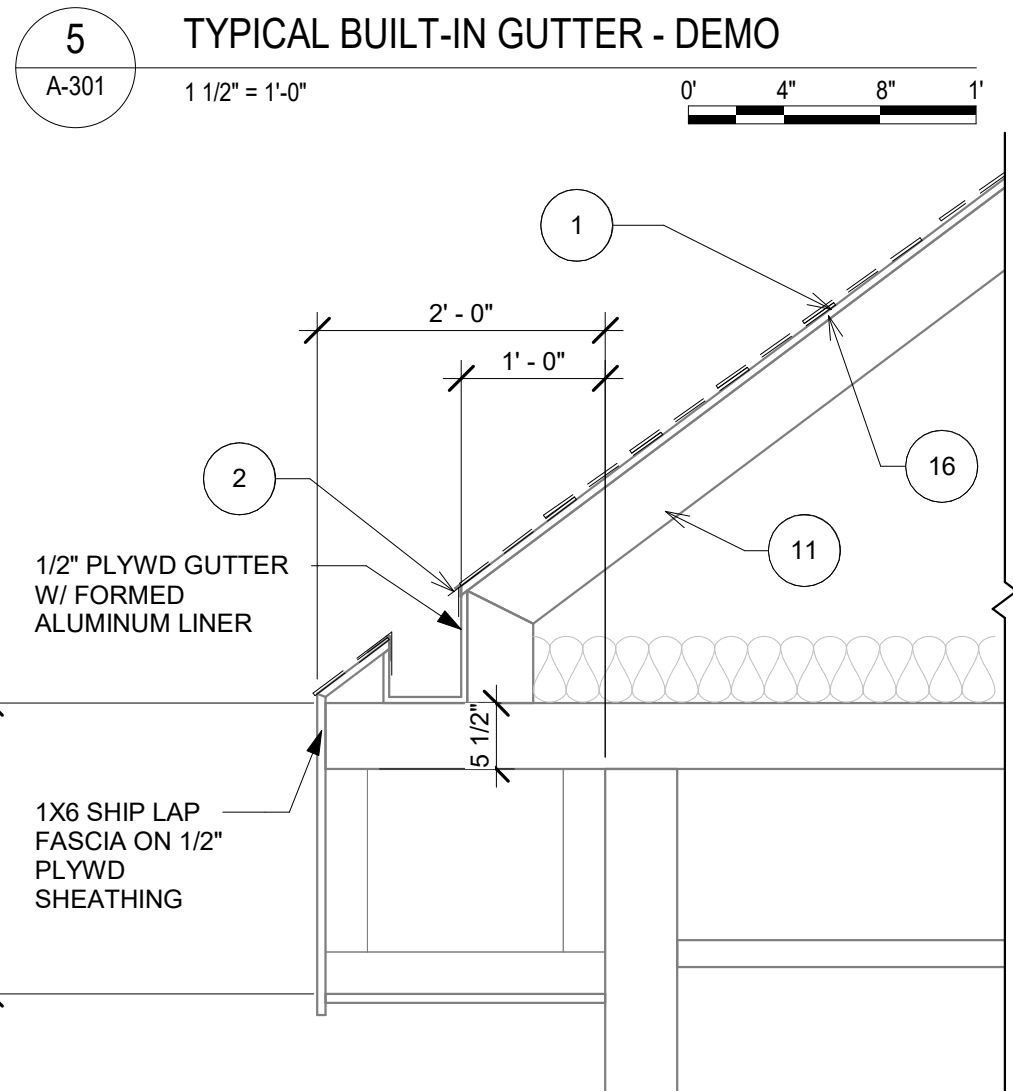
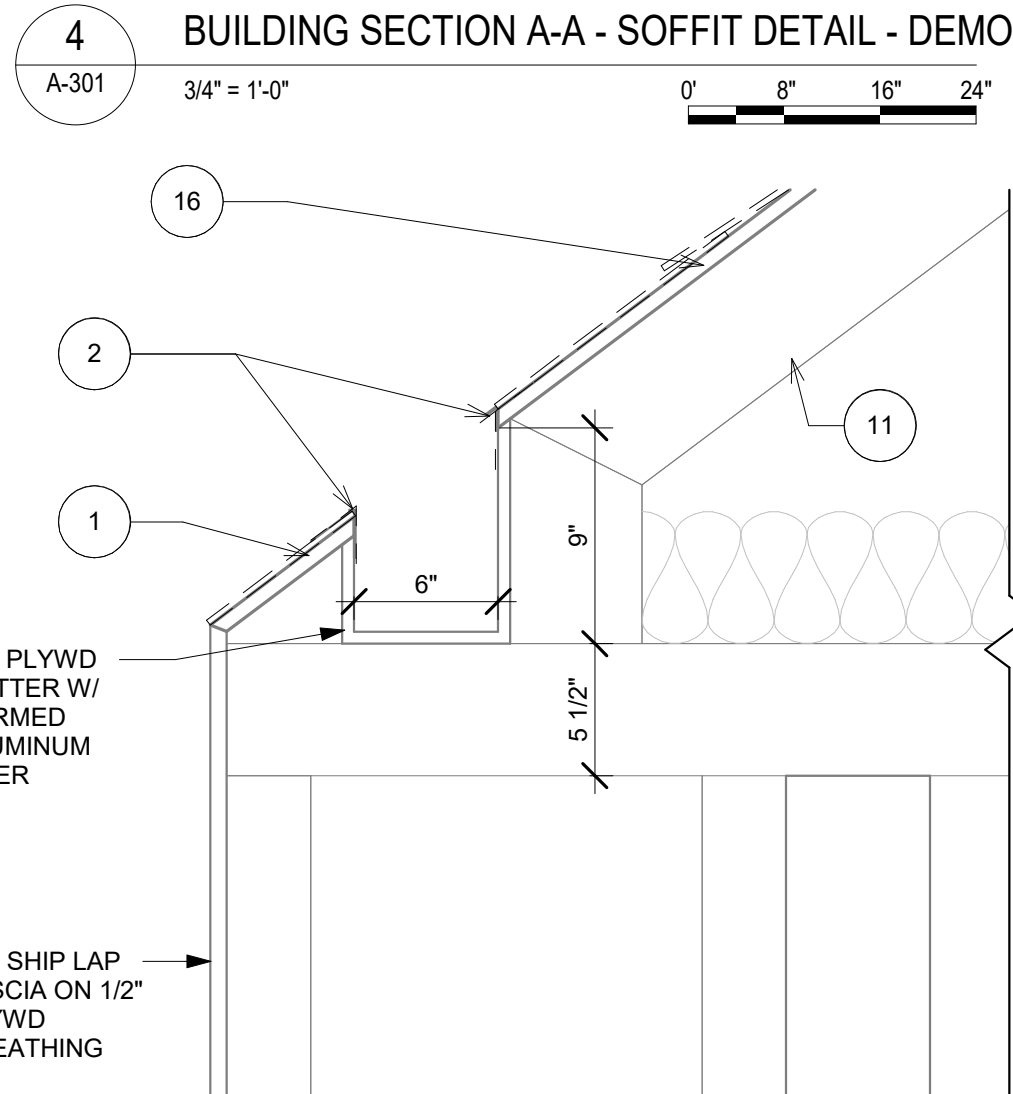
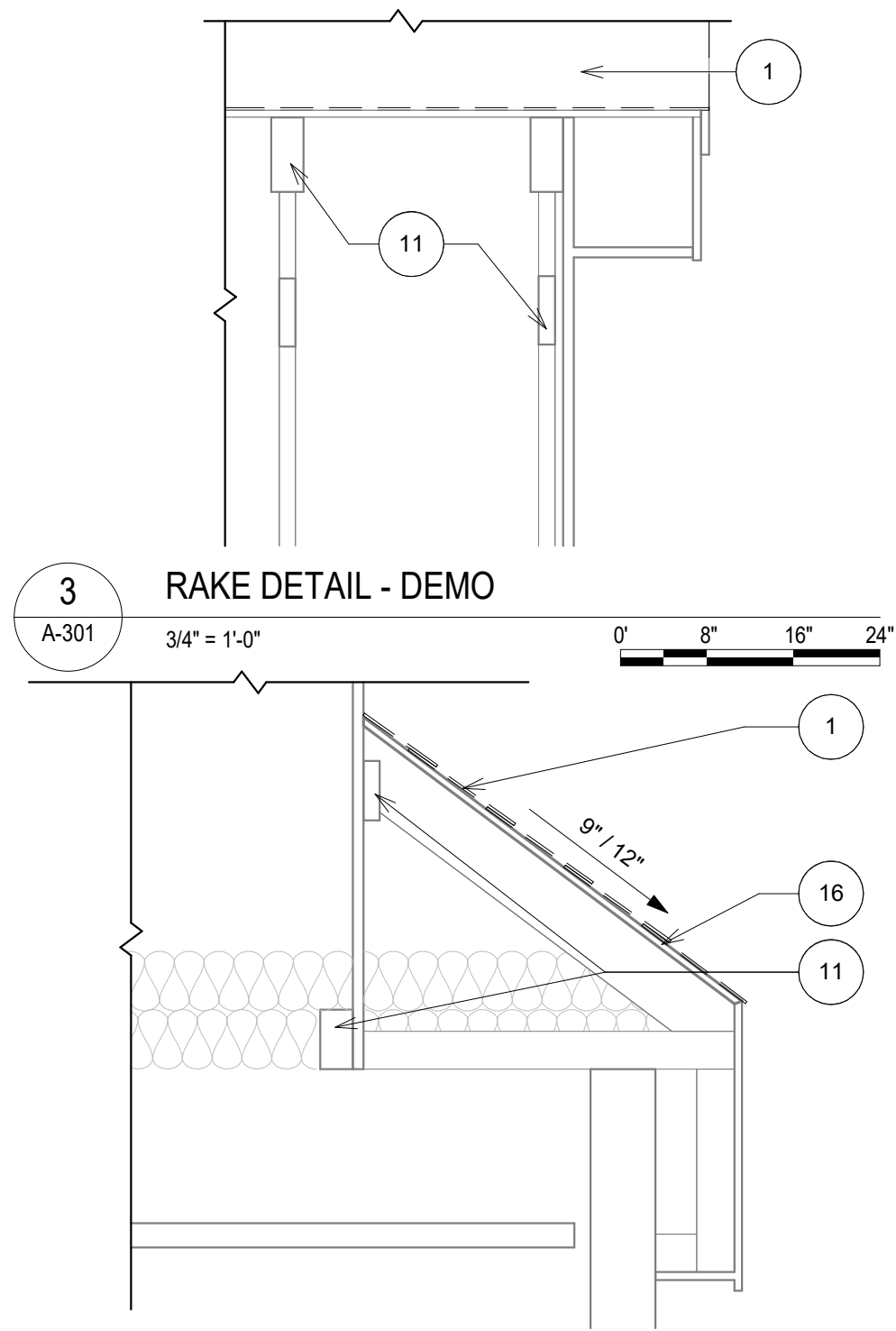
PROJECT NO.  
5060

DATE  
8/14/2024

DRAWING NO.

A-203



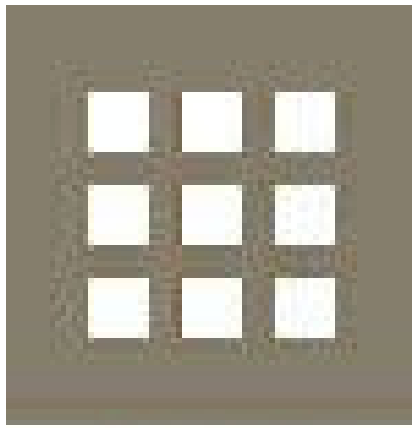


DEMOLITION NOTES	
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REFER TO PLANS AND ELEVATIONS FOR NOTES NOT SHOWN ON SECTIONS

GRAPHIC LEGEND - DEMOLITION

	EXISTING TO REMAIN
	DEMOLITION WORK



**DHK**  
ARCHITECTS

54 CANAL STREET  
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TOWN OF FAIRHAVEN

SENIOR AND  
RECREATIONAL CENTER  
ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

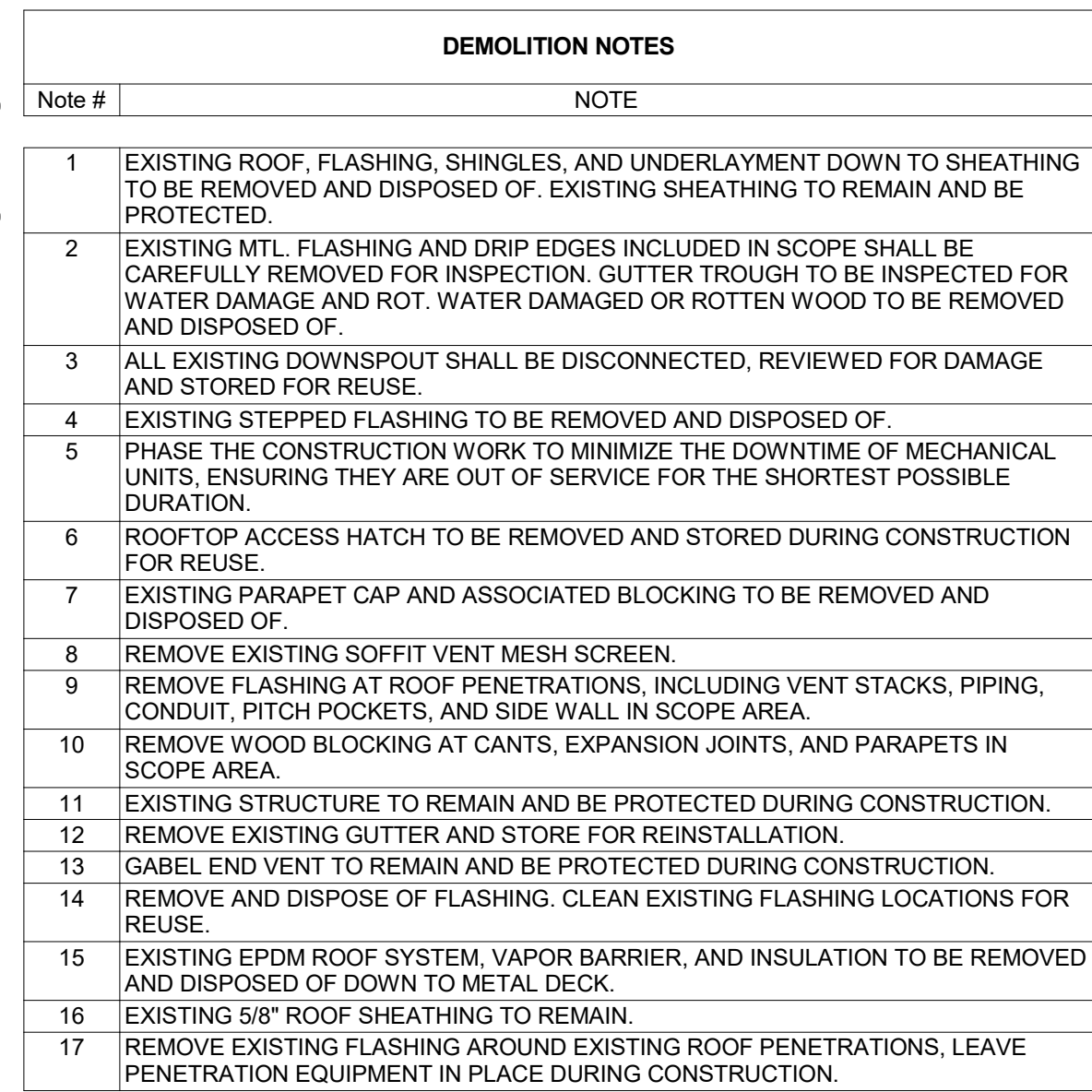
DEMO BUILDING SECTIONS  
AND DETAILS 1 OF 3

SCALE	AS NOTED
CHECKED BY	JG
DRAWN BY	BG
DESIGNED BY	NPD
PROJECT NO.	5060
DATE	8/14/2024

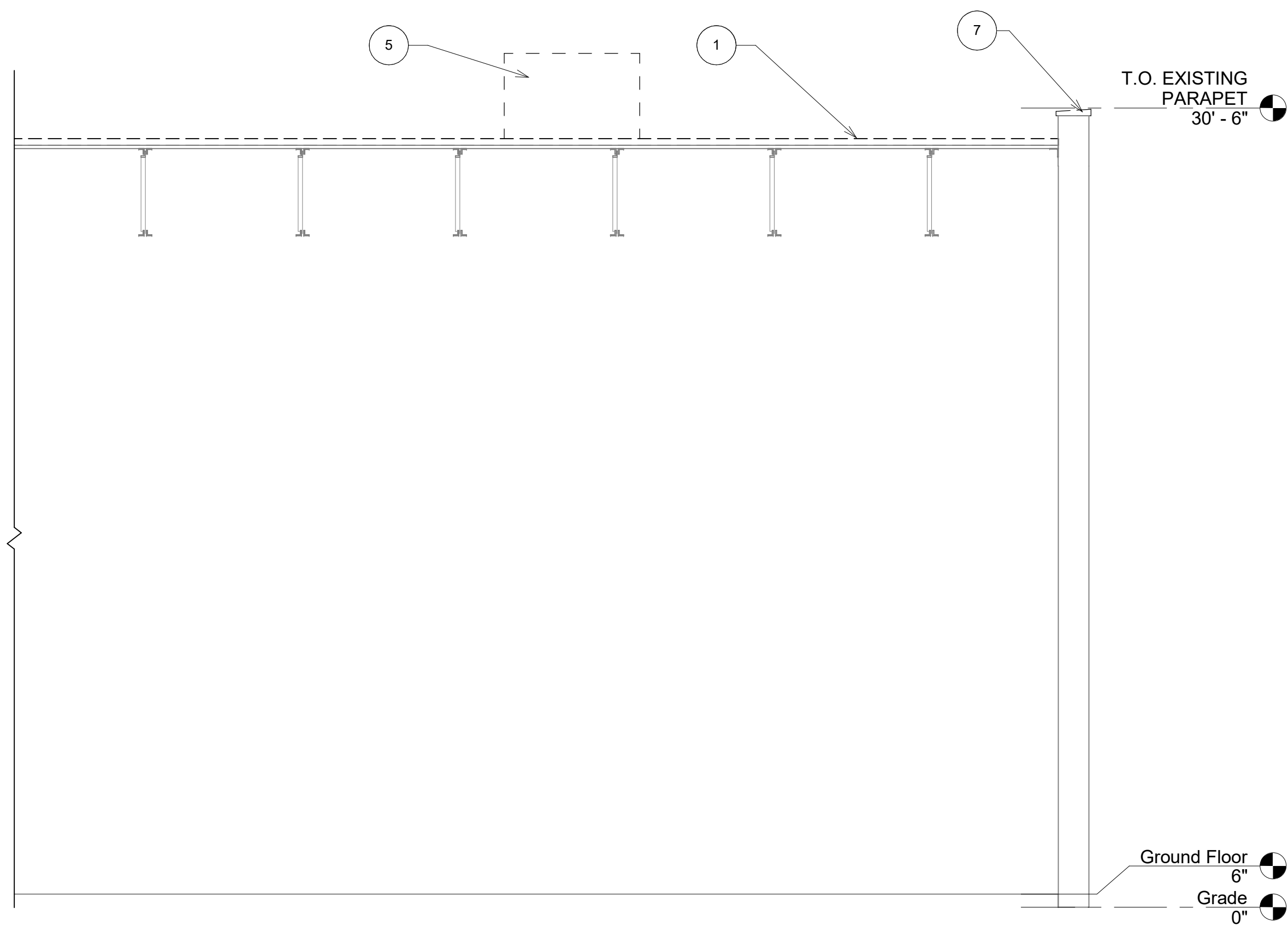
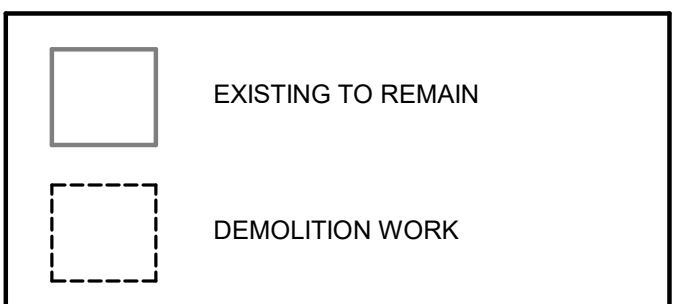
DRAWING NO.

A-301





**GRAPHIC LEGEND - DEMOLITION**



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2ND FLOOR  
BOSTON, MA 02114  
617-267-6408  
FAX 617-267-1990

## TOWN OF FAIRHAVEN

[illegible]

# SENIOR AND RECREATIONAL CENTER ROOF REPLACEMENT

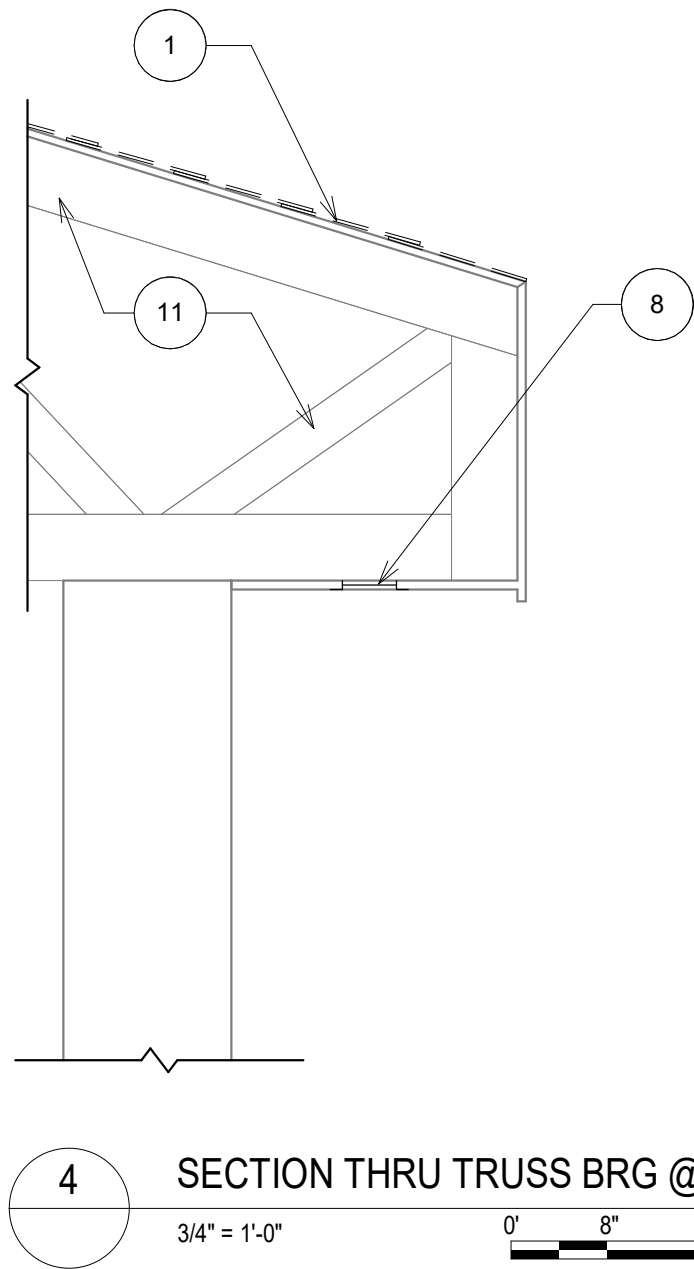
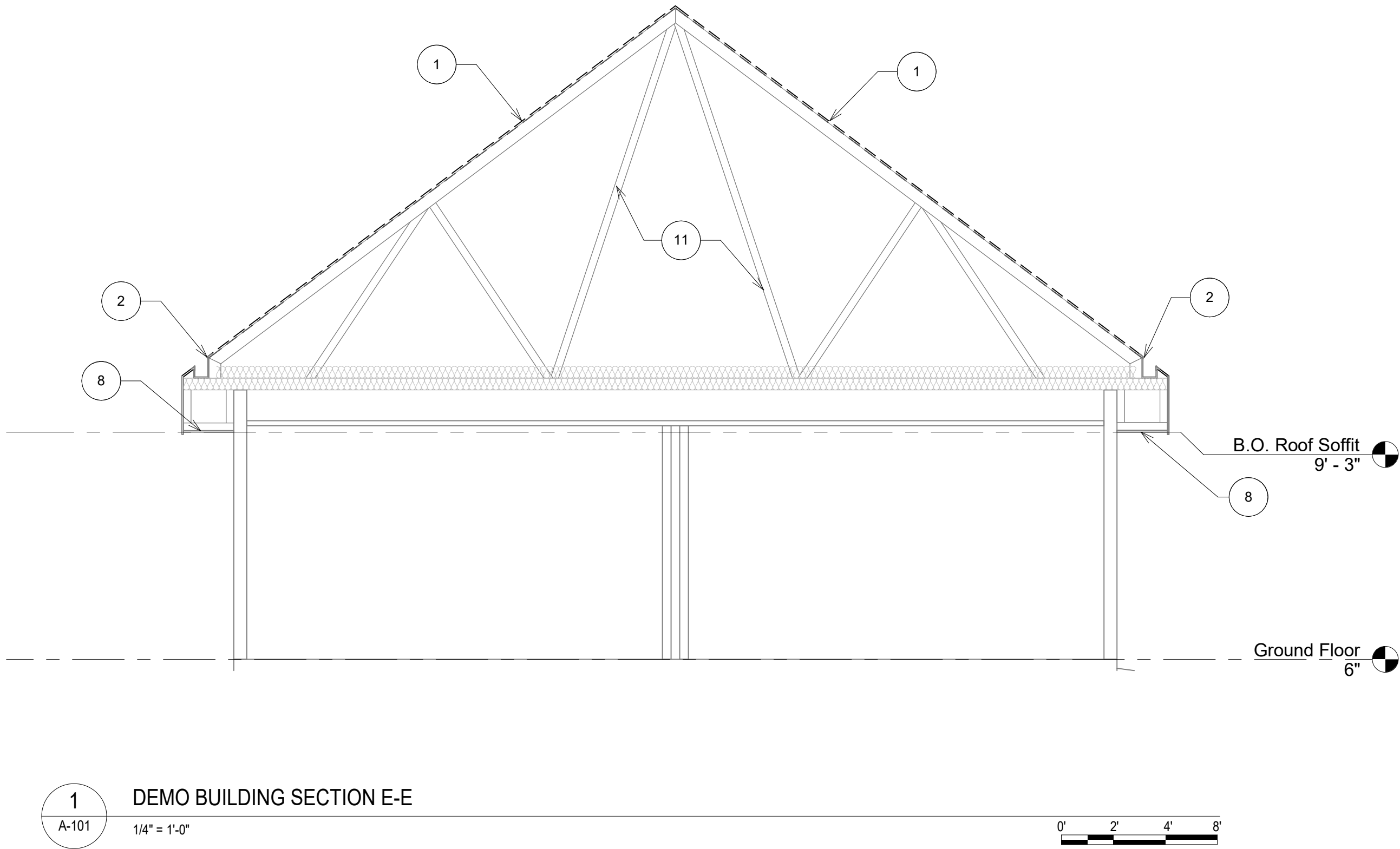
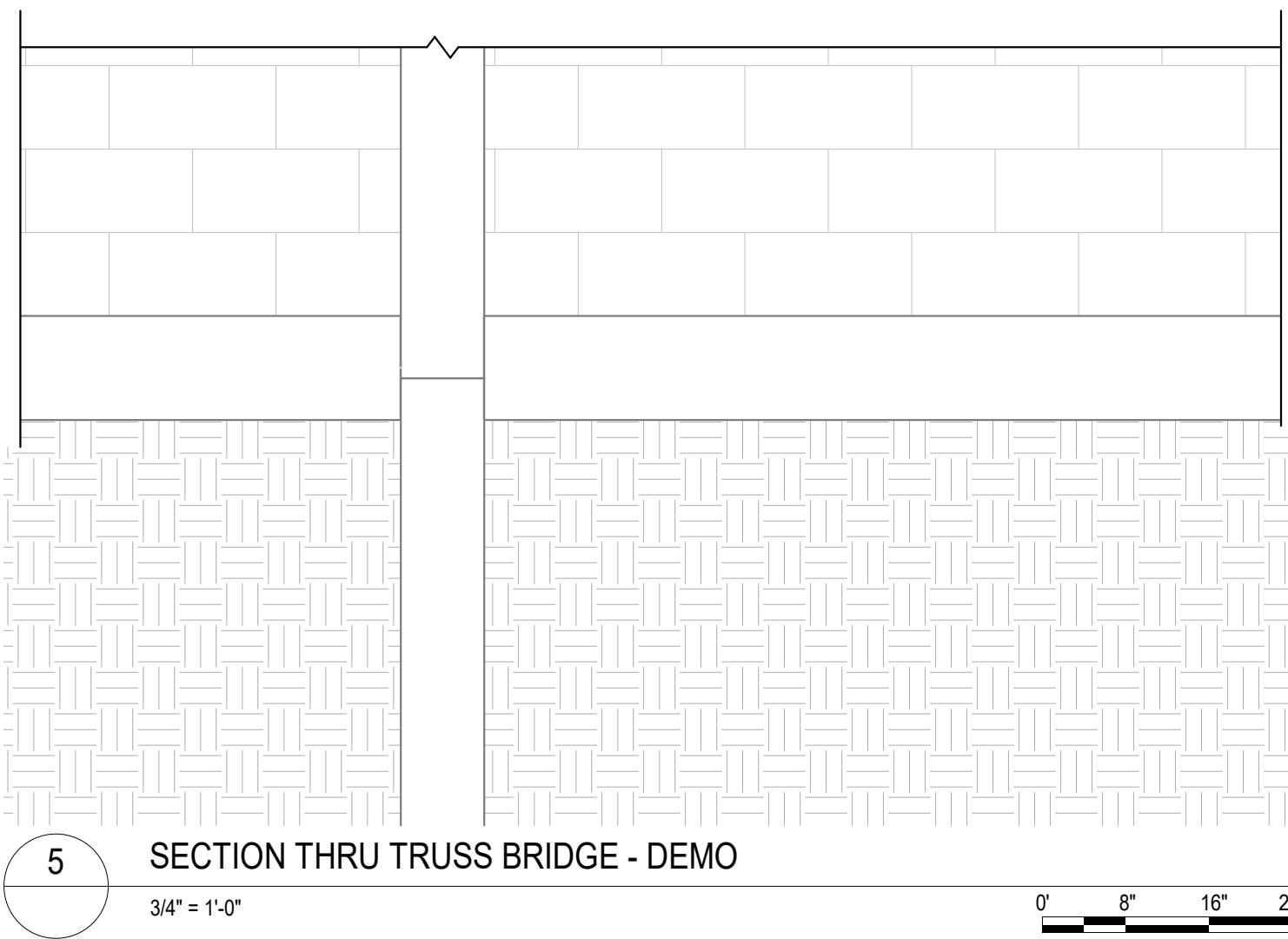
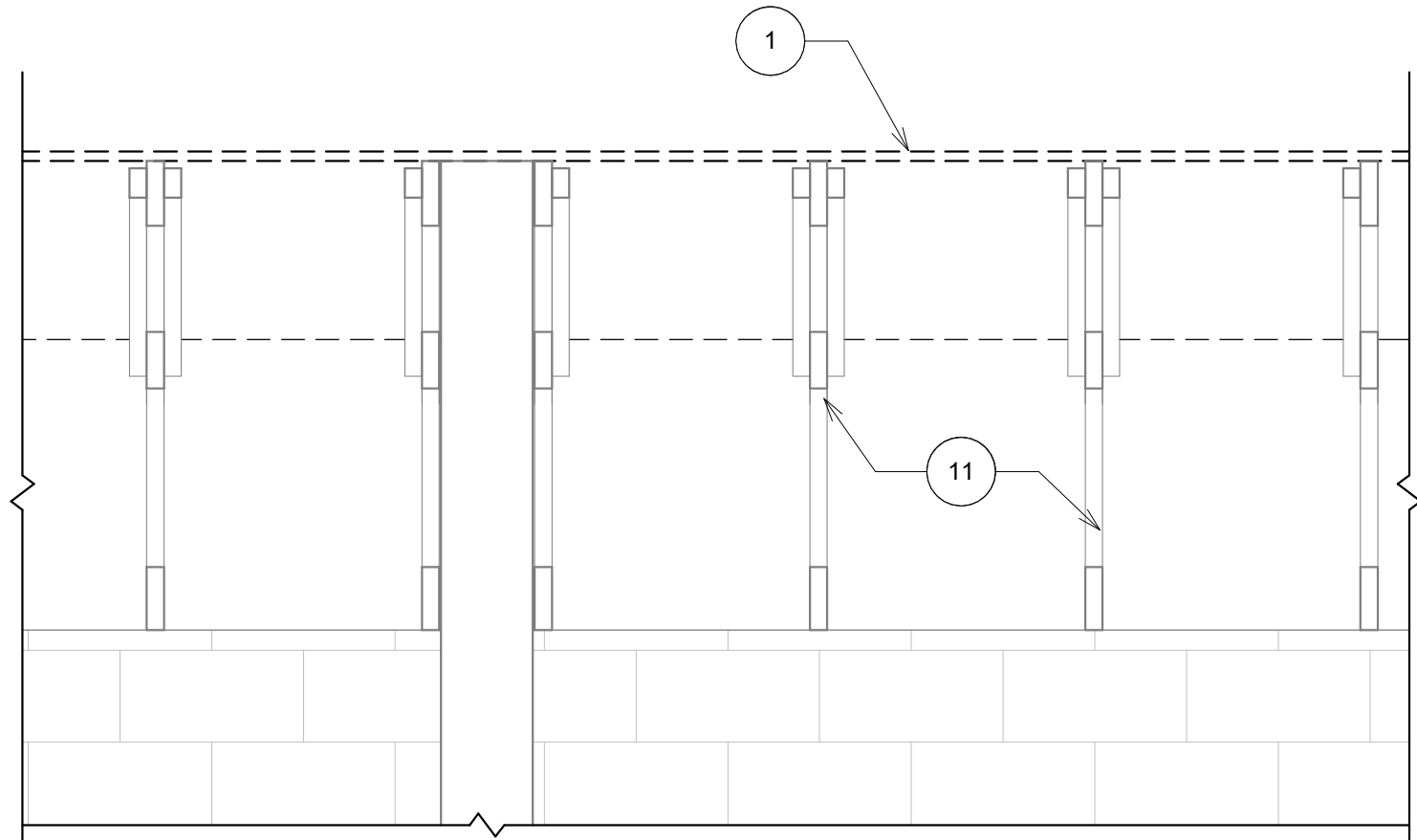
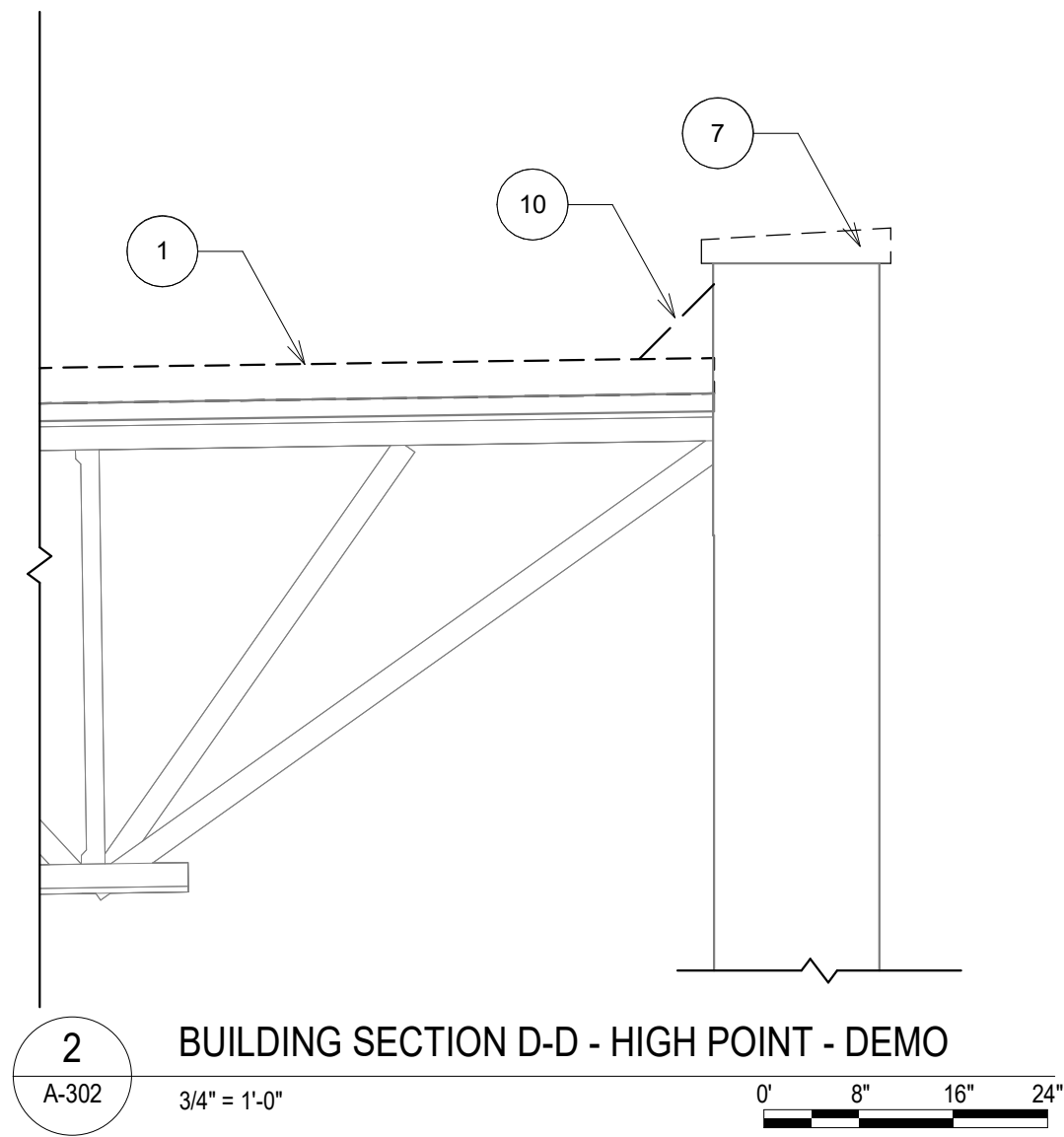
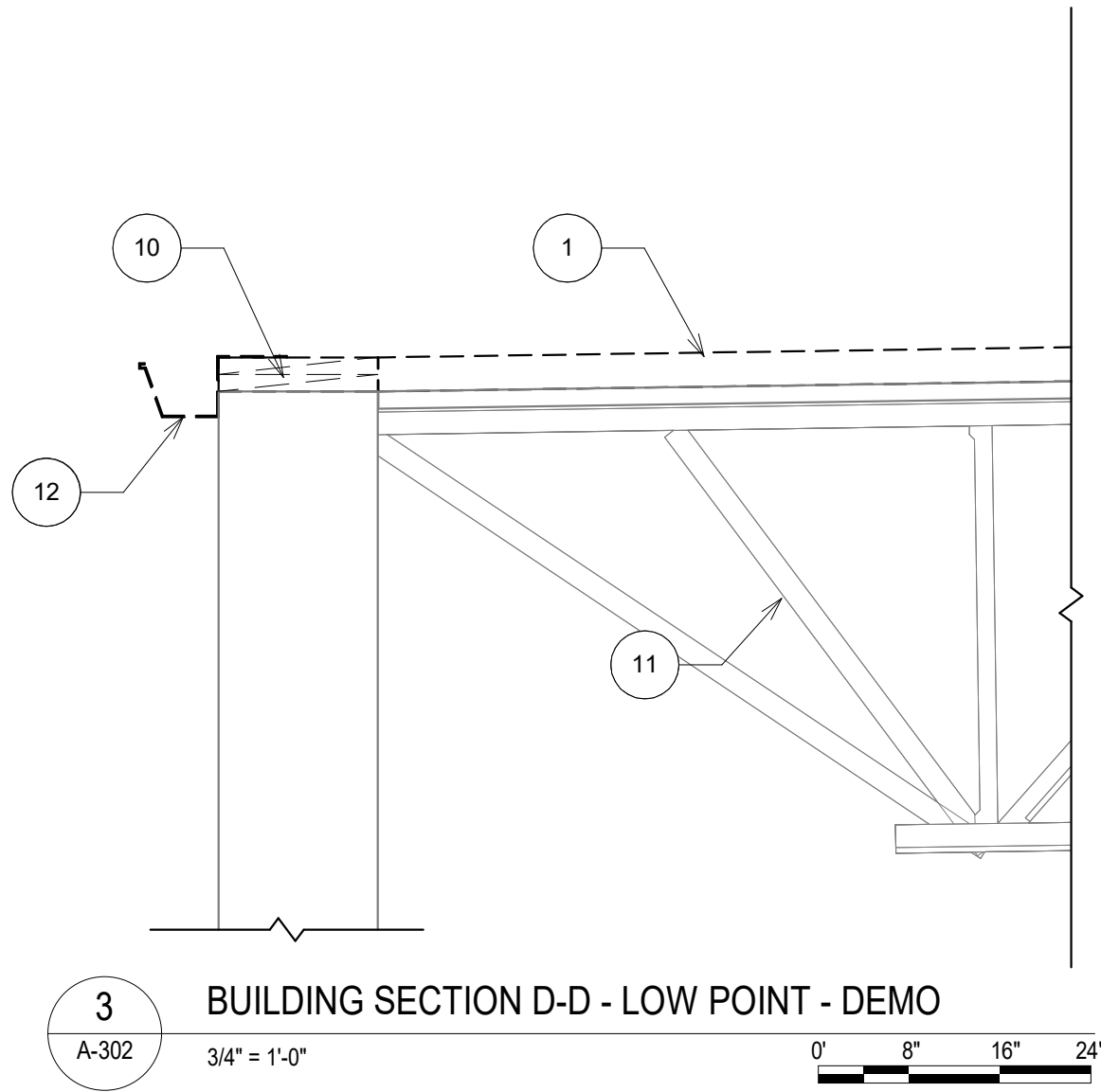
227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

## DEMO BUILDING SECTIONS AND DETAILS 2 OF 3

SCALE	
AS NOTED	
CHECKED BY	JG
DRAWN BY	BG
DESIGNED BY	
	NPD
PROJECT NO.	5060
DATE	8/14/2024



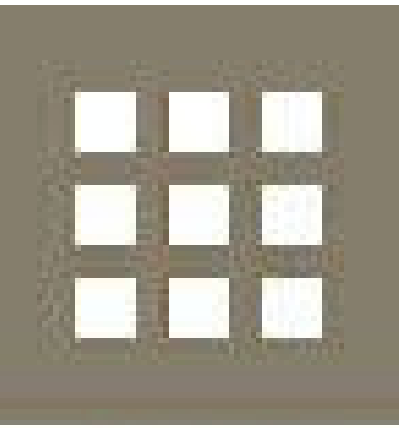


DEMOLITION NOTES	
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REFER TO PLANS AND ELEVATIONS FOR NOTES NOT SHOWN ON SECTIONS

GRAPHIC LEGEND - DEMOLITION

	EXISTING TO REMAIN
	DEMOLITION WORK



DHK

ARCHITECTS

54 CANAL STREET  
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FAX 617-267-1990

TOWN OF FAIRHAVEN

SENIOR AND  
RECREATIONAL CENTER  
ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

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DEMO BUILDING SECTIONS  
AND DETAILS 3 OF 3

SCALE	AS NOTED
CHECKED BY	JG
DRAWN BY	BG
DESIGNED BY	NPD
PROJECT NO.	5060
DATE	8/14/2024

DRAWING NO.

A-303

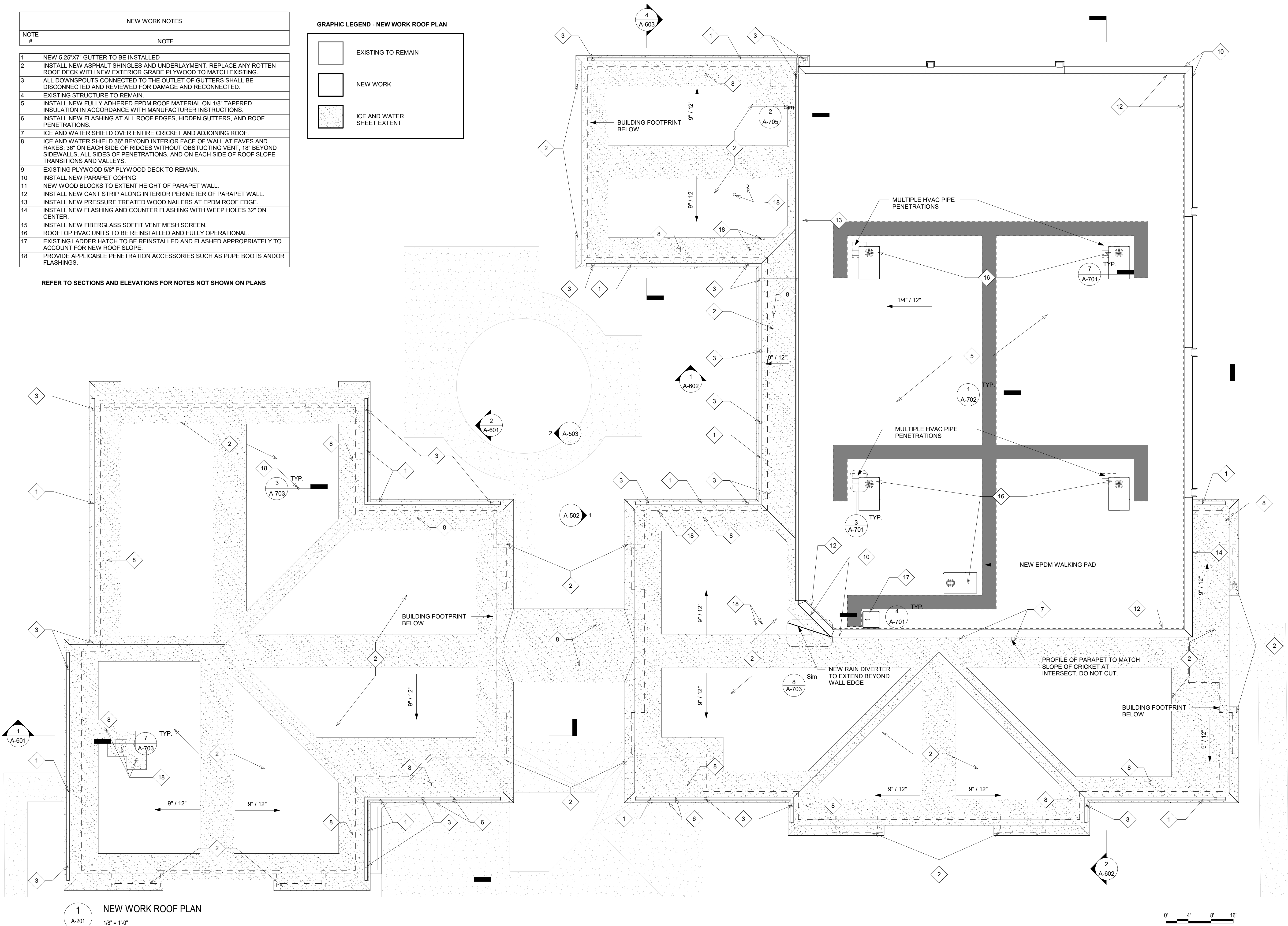


NEW WORK NOTES	
NOTE #	NOTE
1	NEW 5.25"x7" GUTTER TO BE INSTALLED
2	INSTALL NEW ASPHALT SHINGLES AND UNDERLAYMENT. REPLACE ANY ROTTEN ROOF DECK WITH NEW EXTERIOR GRADE PLYWOOD TO MATCH EXISTING.
3	ALL DOWNSPOUTS CONNECTED TO THE OUTLET OF GUTTERS SHALL BE DISCONNECTED AND REVIEWED FOR DAMAGE AND RECONNECTED.
4	EXISTING STRUCTURE TO REMAIN.
5	INSTALL NEW FULLY ADHERED EPDM ROOF MATERIAL ON 1/8" TAPERED INSULATION IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS.
6	INSTALL NEW FLASHING AT ALL ROOF EDGES, HIDDEN GUTTERS, AND ROOF PENETRATIONS.
7	ICE AND WATER SHIELD OVER ENTIRE CRICKET AND ADJOINING ROOF.
8	ICE AND WATER SHIELD 36" BEYOND INTERIOR FACE OF WALL AT EAVES AND RAKES; 36" ON EACH SIDE OF RIDGES WITHOUT OBSTRUCTING VENT, 18" BEYOND SIDEWALLS, ALL SIDES OF PENETRATIONS, AND ON EACH SIDE OF ROOF SLOPE TRANSITIONS AND VALLEYS.
9	EXISTING PLYWOOD 5/8" PLYWOOD DECK TO REMAIN.
10	INSTALL NEW PARAPET COPING
11	NEW WOOD BLOCKS TO EXTENT HEIGHT OF PARAPET WALL.
12	INSTALL NEW CANT STRIP ALONG INTERIOR PERIMETER OF PARAPET WALL.
13	INSTALL NEW PRESSURE TREATED WOOD NAILERS AT EPDM ROOF EDGE.
14	INSTALL NEW FLASHING AND COUNTER FLASHING WITH WEEP HOLES 32" ON CENTER.
15	INSTALL NEW FIBERGLASS SOFFIT VENT MESH SCREEN.
16	ROOFTOP HVAC UNITS TO BE REINSTALLED AND FULLY OPERATIONAL.
17	EXISTING LADDER HATCH TO BE REINSTALLED AND FLASHED APPROPRIATELY TO ACCOUNT FOR NEW ROOF SLOPE.
18	PROVIDE APPLICABLE PENETRATION ACCESSORIES SUCH AS PUPE BOOTS AND/OR FLASHINGS.

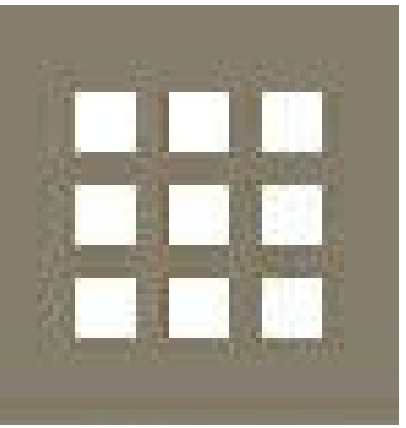
GRAPHIC LEGEND - NEW WORK ROOF PLAN

- EXISTING TO REMAIN
- NEW WORK
- ICE AND WATER SHEET EXTENT

REFER TO SECTIONS AND ELEVATIONS FOR NOTES NOT SHOWN ON PLANS



1 NEW WORK ROOF PLAN  
A-201 1/8" = 1'-0"



DHK  
ARCHITECTS

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TOWN OF FAIRHAVEN

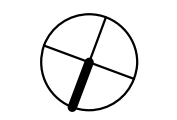
SENIOR AND  
RECREATIONAL CENTER  
ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

NEW WORK ROOF PLAN

SCALE:  
AS NOTED



CHECKED BY: JG

DRAWN BY: BG

DESIGNED BY: NPD

PROJECT NO: 5060

DATE: 8/14/2024

DRAWING NO:

A-401









54 CANAL STREET  
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TOWN OF FAIRHAVEN

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227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

NEW WORK BUILDING A  
ELEVATIONS

SCALE  
AS NOTED

CHECKED BY  
JG

DRAWN BY  
BG

DESIGNED BY  
NPD

PROJECT NO.  
5060

DATE  
8/14/2024

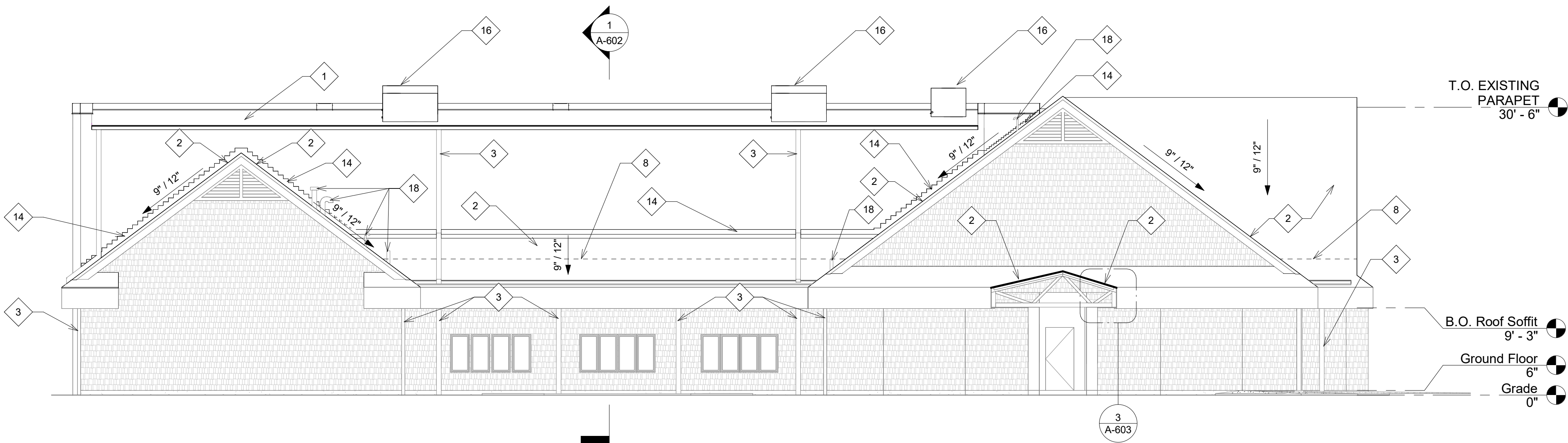
A-502

NEW WORK NOTES	
NOTE #	NOTE
1	NEW 5.25"x7" GUTTER TO BE INSTALLED
2	INSTALL NEW ASPHALT SHINGLES AND UNDERLAYMENT. REPLACE ANY ROTTEN ROOF DECK WITH NEW EXTERIOR GRADE PLYWOOD TO MATCH EXISTING.
3	ALL DOWNSPOUTS CONNECTED TO THE OUTLET OF GUTTERS SHALL BE DISCONNECTED AND REVIEWED FOR DAMAGE AND RECONNECTED.
4	EXISTING STRUCTURE TO REMAIN.
5	INSTALL NEW FULLY ADHERED EPDM ROOF MATERIAL ON 1/8" TAPERED INSULATION IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS.
6	INSTALL NEW FLASHING AT ALL ROOF EDGES, HIDDEN GUTTERS, AND ROOF PENETRATIONS.
7	ICE AND WATER SHIELD OVER ENTIRE CRICKET AND ADJOINING ROOF.
8	ICE AND WATER SHIELD 36" BEYOND INTERIOR FACE OF WALL AT EAVES AND RAKES, 36" ON EACH SIDE OF RIDGES WITHOUT OBSTRUCTING VENT, 18" BEYOND SIDEWALLS, ALL SIDES OF PENETRATIONS, AND ON EACH SIDE OF ROOF SLOPE TRANSITIONS AND VALLEYS.
9	EXISTING PLYWOOD 5/8" PLYWOOD DECK TO REMAIN.
10	INSTALL NEW PARAPET COPING
11	NEW WOOD BLOCKS TO EXTENT HEIGHT OF PARAPET WALL.
12	INSTALL NEW CANT STRIP ALONG INTERIOR PERIMETER OF PARAPET WALL.
13	INSTALL NEW PRESSURE TREATED WOOD NAILERS AT EPDM ROOF EDGE.
14	INSTALL NEW FLASHING AND COUNTER FLASHING WITH WEEP HOLES 32" ON CENTER.
15	INSTALL NEW FIBERGLASS SOFFIT VENT MESH SCREEN.
16	ROOFTOP HVAC UNITS TO BE REINSTALLED AND FULLY OPERATIONAL.
17	EXISTING LADDER HATCH TO BE REINSTALLED AND FLASHED APPROPRIATELY TO ACCOUNT FOR NEW ROOF SLOPE.
18	PROVIDE APPLICABLE PENETRATION ACCESSORIES SUCH AS PUPE BOOTS ANDOR FLASHINGS.

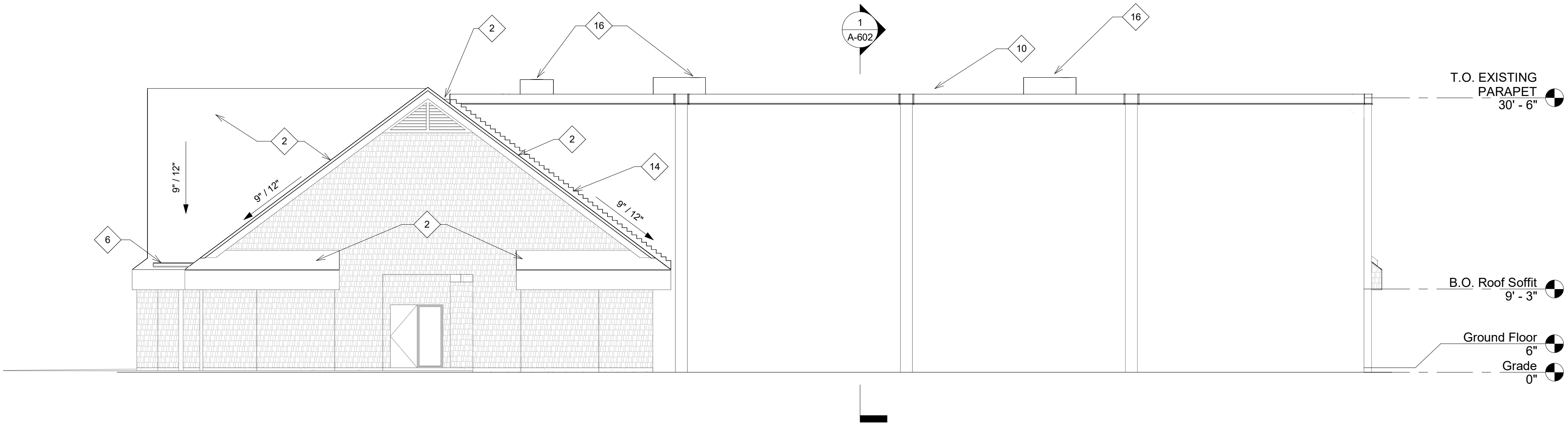
REFER TO PLANS AND SECTIONS FOR NOTES NOT SHOWN ON ELEVATIONS

GRAPHIC LEGEND - NEW WORK

	EXISTING TO REMAIN
	NEW WORK

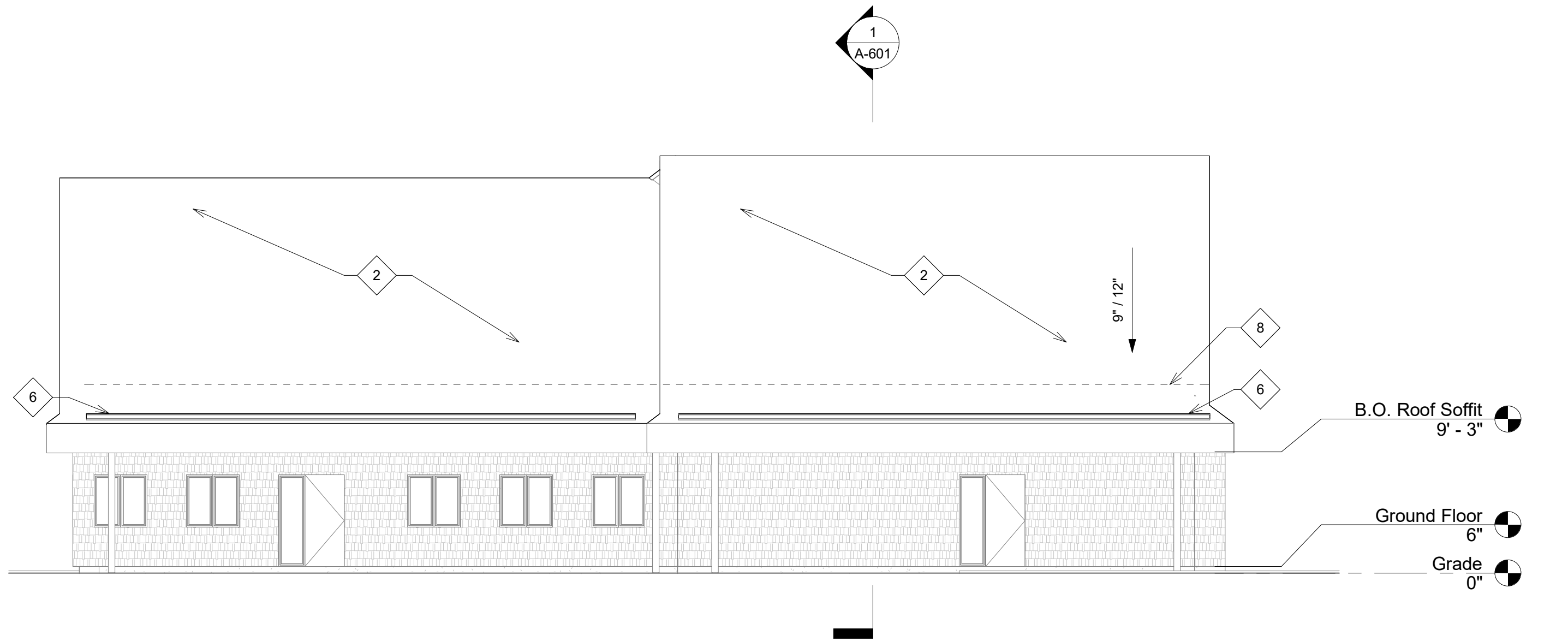


1  
A-401  
NORTHEAST ELEVATION (BLDG. A) - NEW WORK  
1/8" = 1'-0"

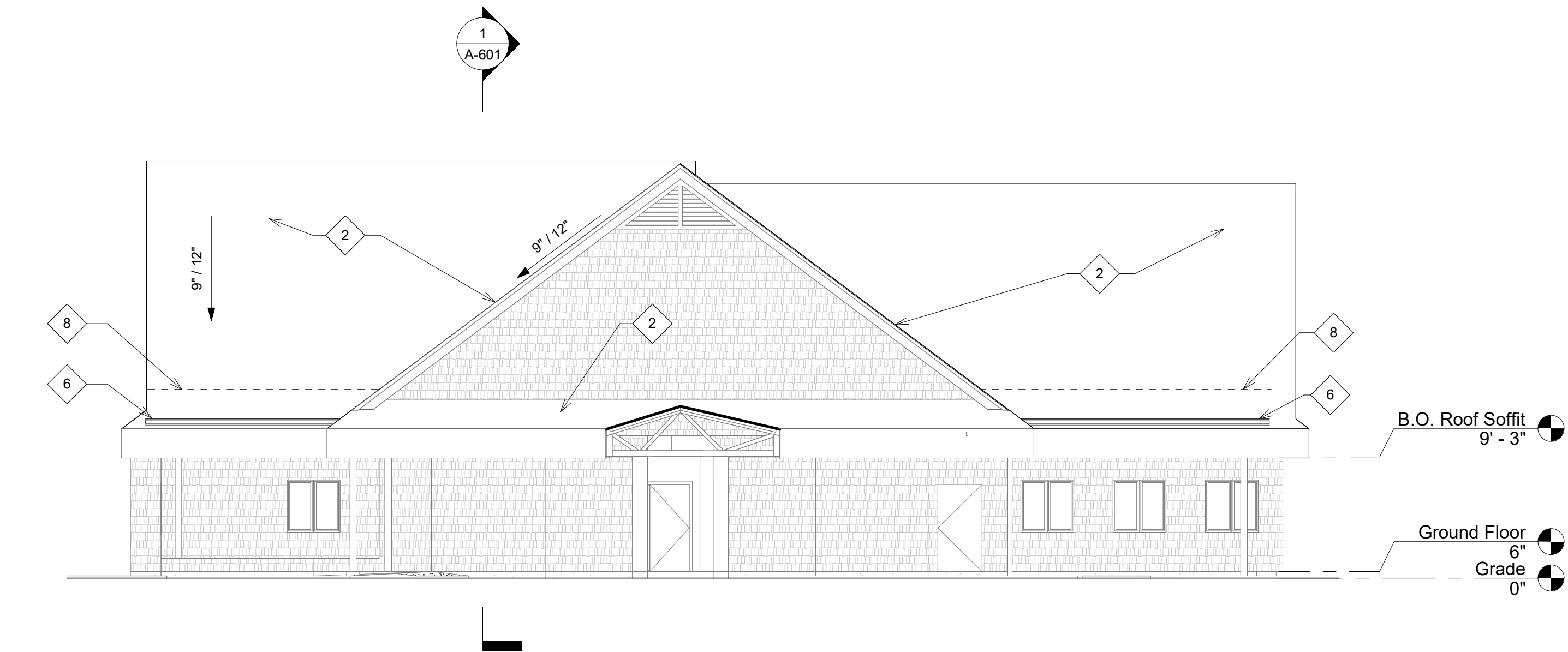


2  
SOUTHWEST ELEVATION (BLDG. A) - NEW WORK  
1/8" = 1'-0"





1 NORTHEAST ELEVATION (BLDG. B) - NEW WORK  
1/8" = 1'-0"



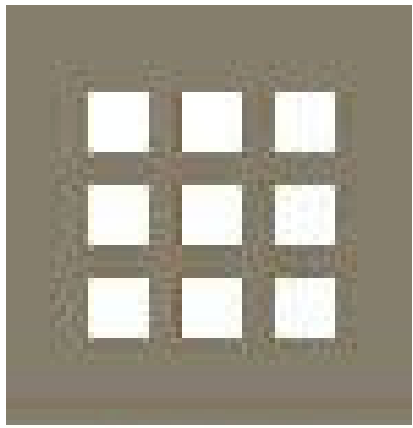
2 SOUTHWEST ELEVATION (BLDG. B) - NEW WORK  
1/8" = 1'-0"

NEW WORK NOTES	
NOTE #	NOTE
1	NEW 5.25"x7" GUTTER TO BE INSTALLED
2	INSTALL NEW ASPHALT SHINGLES AND UNDERLAYMENT. REPLACE ANY ROTTEN ROOF DECK WITH NEW EXTERIOR GRADE PLYWOOD TO MATCH EXISTING.
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REFER TO PLANS AND SECTIONS FOR NOTES NOT SHOWN ON ELEVATIONS

GRAPHIC LEGEND - NEW WORK

	EXISTING TO REMAIN
	NEW WORK



**DHK**  
ARCHITECTS

54 CANAL STREET  
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TOWN OF FAIRHAVEN

SENIOR AND  
RECREATIONAL CENTER  
ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

NEW WORK BUILDING B  
ELEVATIONS

SCALE:  
AS NOTED

CHECKED BY: JG

DRAWN BY: BG

DESIGNED BY: NPD

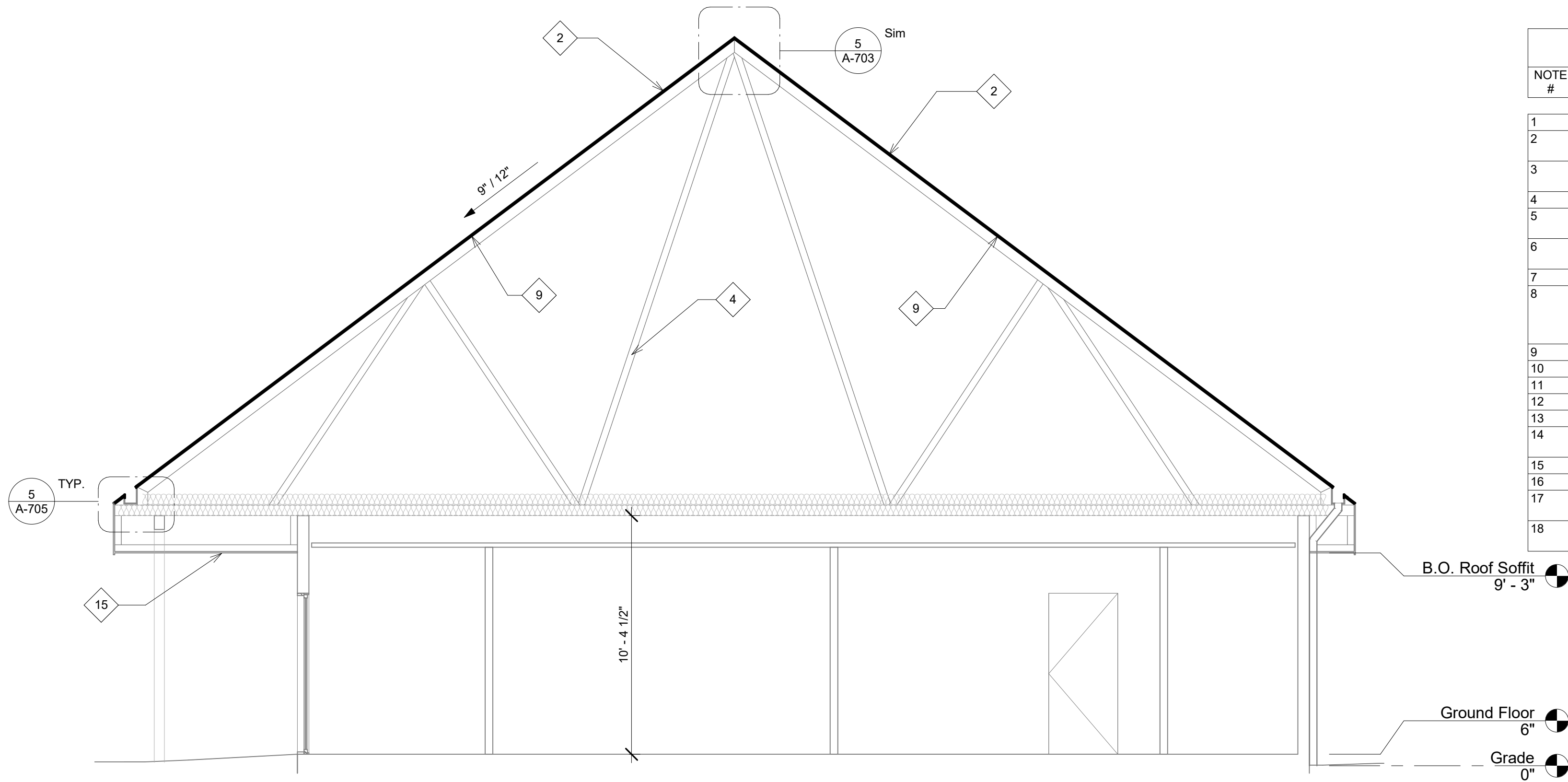
PROJECT NO: 5060

DATE: 8/14/2024

DRAWING NO:

A-503



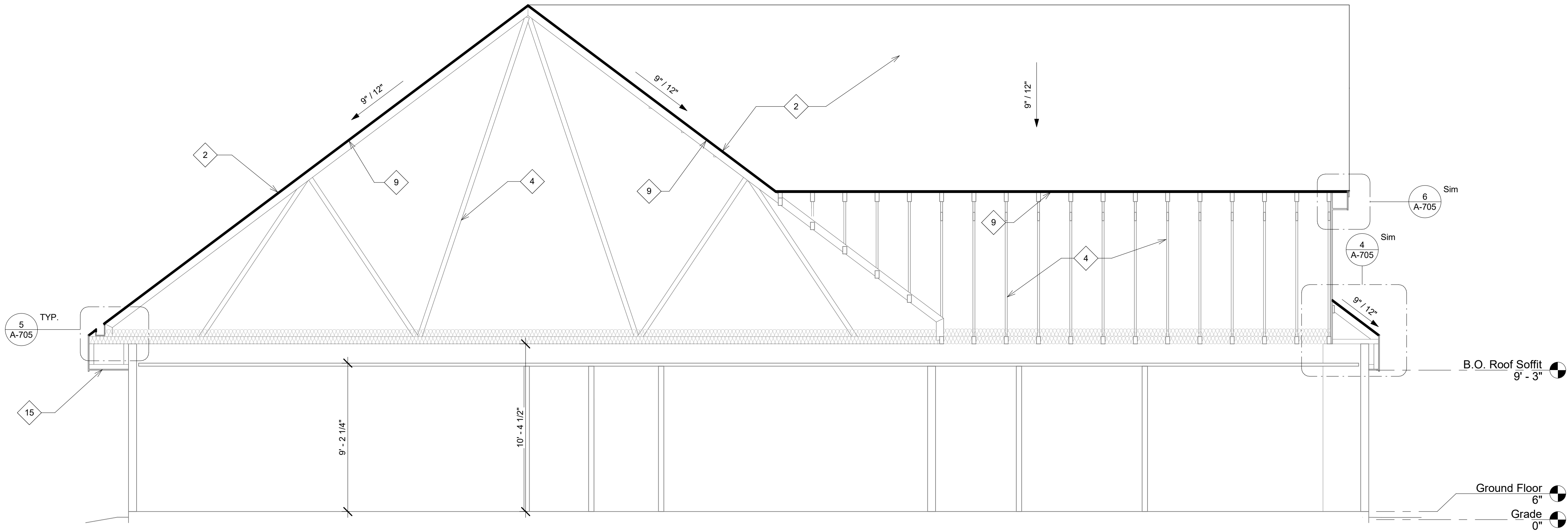


NEW WORK NOTES	
NOTE #	NOTE
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2	INSTALL NEW ASPHALT SHINGLES AND UNDERLAYMENT. REPLACE ANY ROTTEN ROOF DECK WITH NEW EXTERIOR GRADE PLYWOOD TO MATCH EXISTING.
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GRAPHIC LEGEND - NEW WORK

	EXISTING TO REMAIN
	NEW WORK

2 BUILDING SECTION B-B - NEW WORK  
1/4" = 1'-0"



1 BUILDING SECTION A-A - NEW WORK  
1/4" = 1'-0"



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ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

NEW WORK BUILDING  
SECTIONS AND DETAILS 1  
OF 3

SCALE:  
AS NOTED

CHECKED BY: JG

DRAWN BY: BG

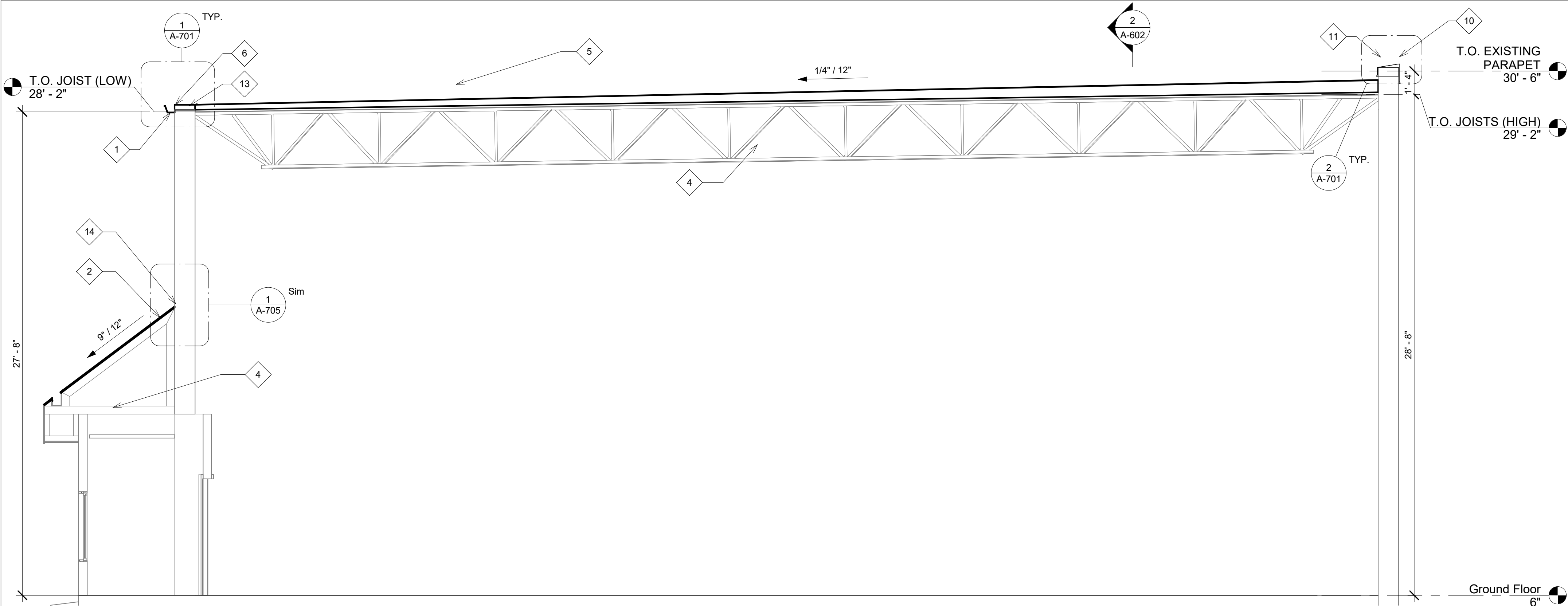
DESIGNED BY: NPD

PROJECT NO: 5060

DATE: 8/14/2024

DRAWING NO:

A-601

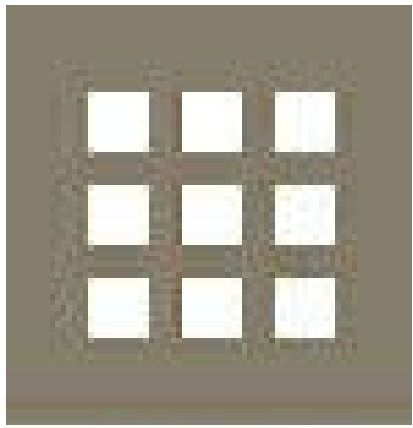
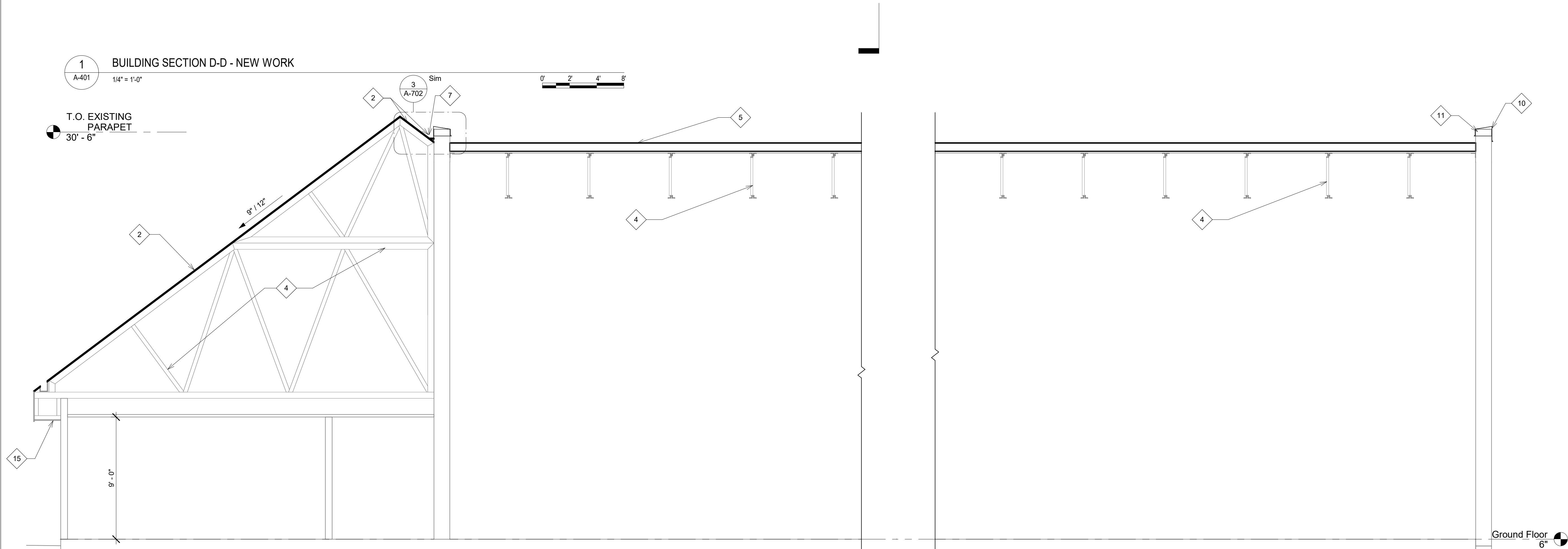


NEW WORK NOTES	
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REFER TO PLANS AND ELEVATIONS FOR NOTES NOT SHOWN ON SECTIONS

GRAPHIC LEGEND - NEW WORK

- EXISTING TO REMAIN
- NEW WORK



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SENIOR AND  
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ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

NEW WORK BUILDING  
SECTIONS AND DETAILS 2  
OF 3

SCALE:  
AS NOTED

CHECKED BY: JG

DRAWN BY: BG

DESIGNED BY: NPD

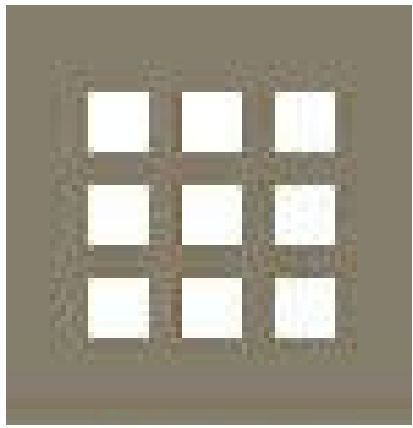
PROJECT NO: 5060

DATE: 8/14/2024

DRAWING NO:

A-602





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TOWN OF FAIRHAVEN

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RECREATIONAL CENTER  
ROOF REPLACEMENT

227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

NEW WORK BUILDING  
SECTIONS AND DETAILS 3  
OF 3

SCALE:  
AS NOTED

CHECKED BY: JG

DRAWN BY: BG

DESIGNED BY: NPD

PROJECT NO: 5060

DATE: 8/14/2024

DRAWING NO:

A-603

NEW WORK NOTES	
NOTE #	NOTE
1	NEW 5.25"x7" GUTTER TO BE INSTALLED
2	INSTALL NEW ASPHALT SHINGLES AND UNDERLAYMENT. REPLACE ANY ROTTEN ROOF DECK WITH NEW EXTERIOR GRADE PLYWOOD TO MATCH EXISTING.
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REFER TO PLANS AND ELEVATIONS FOR NOTES NOT SHOWN ON SECTIONS

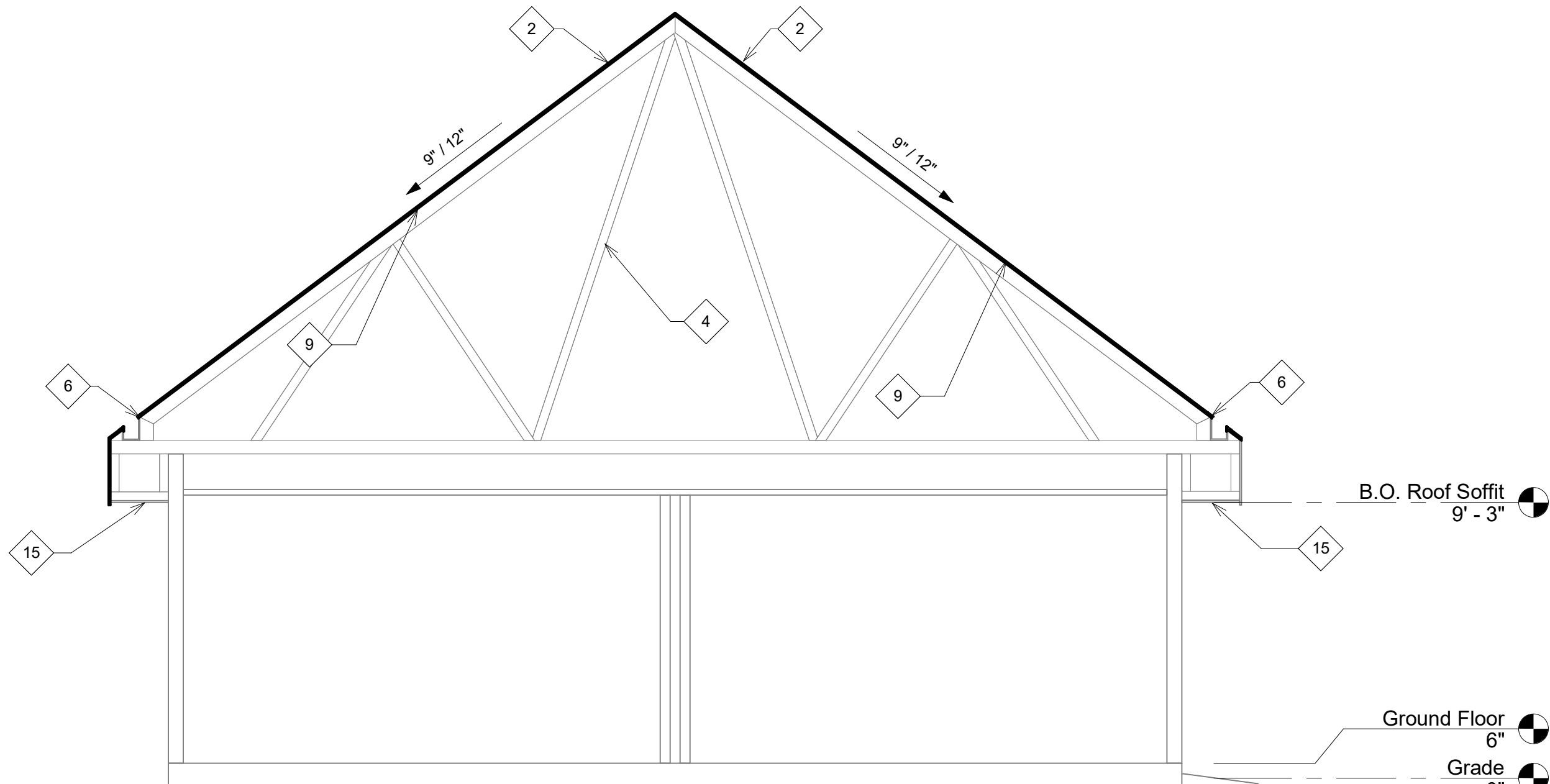
GRAPHIC LEGEND - NEW WORK



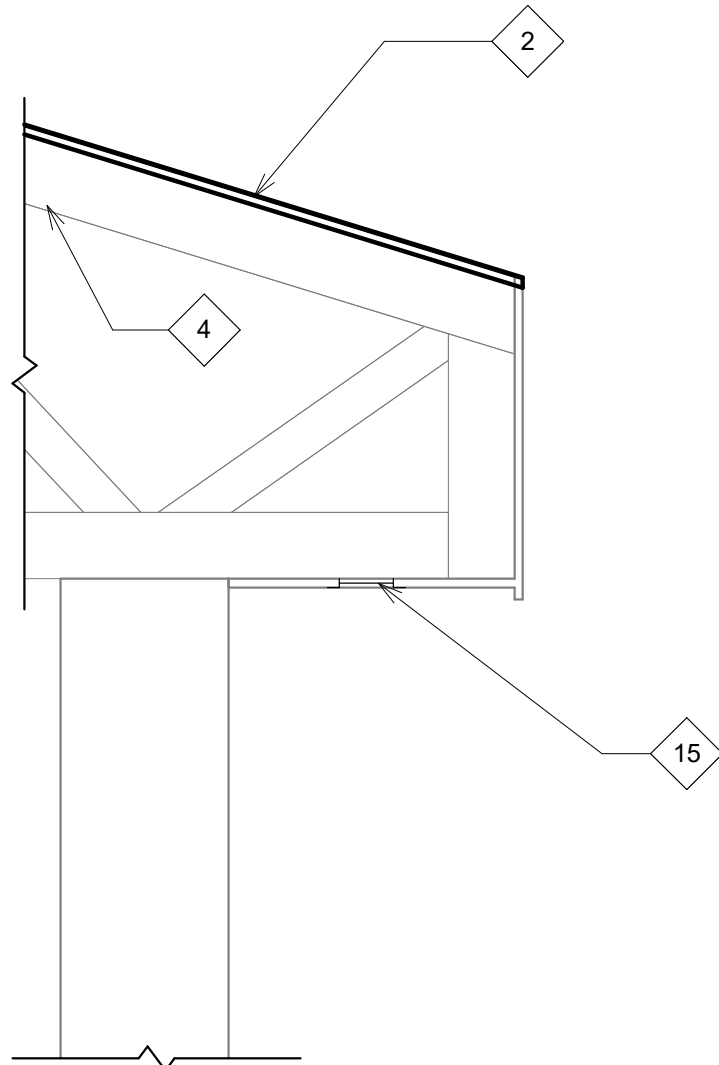
EXISTING TO REMAIN



NEW WORK

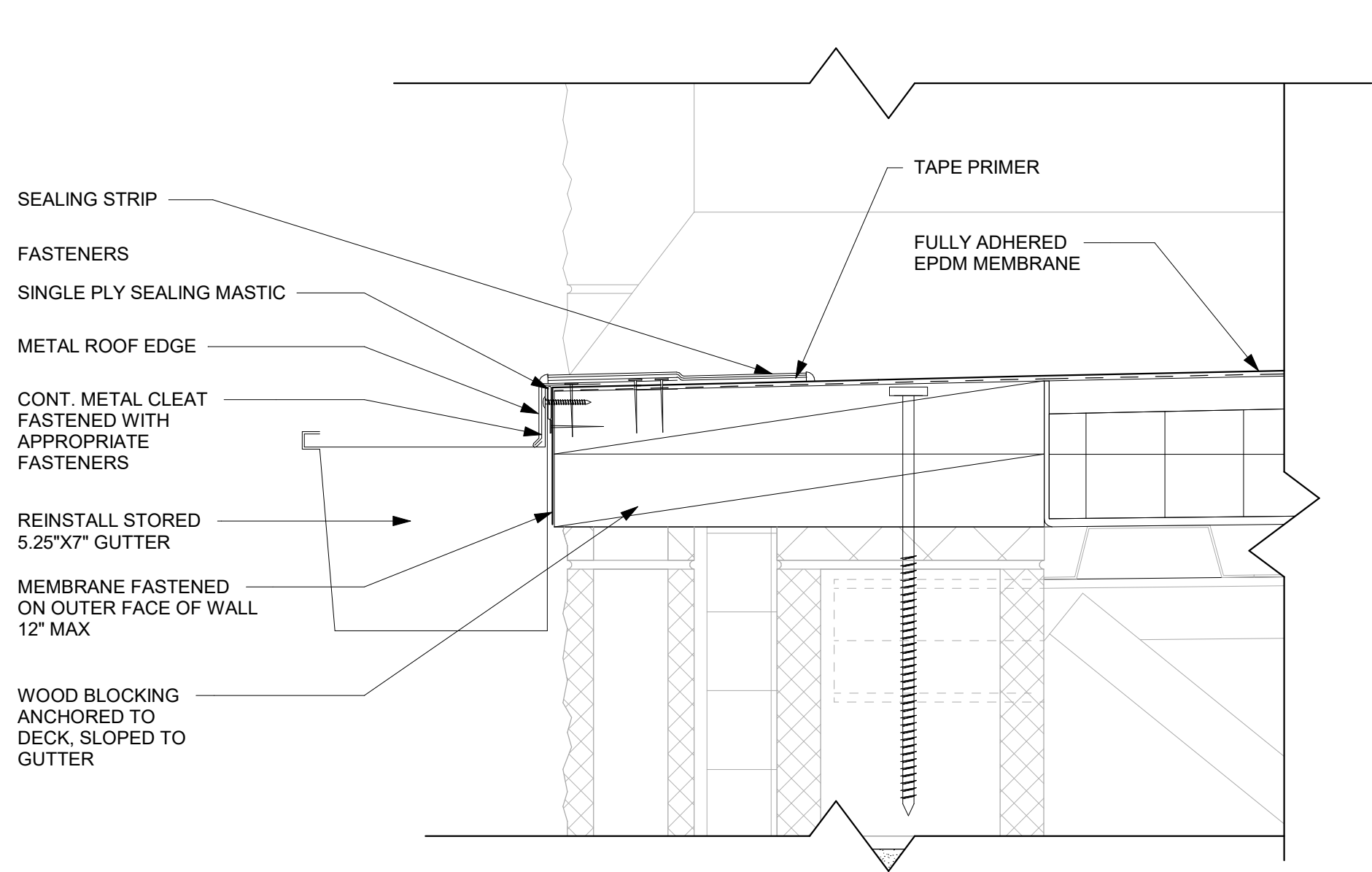


4 BUILDING SECTION E-E - NEW WORK  
A-401 1/4" = 1'-0"

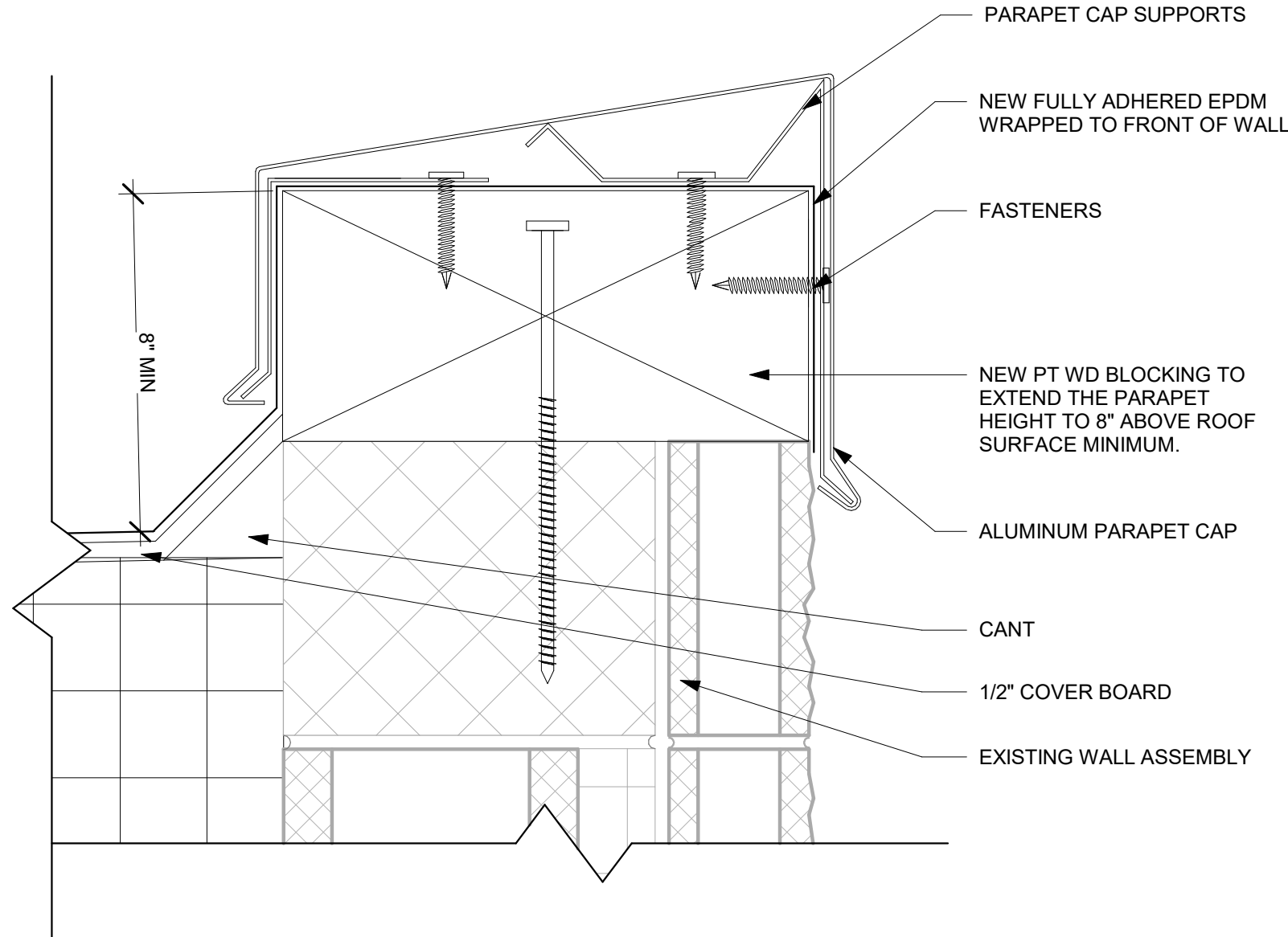


3 SECTION THRU TRUSS BRG @ LINK - NEW WORK  
A-502 3/4" = 1'-0"

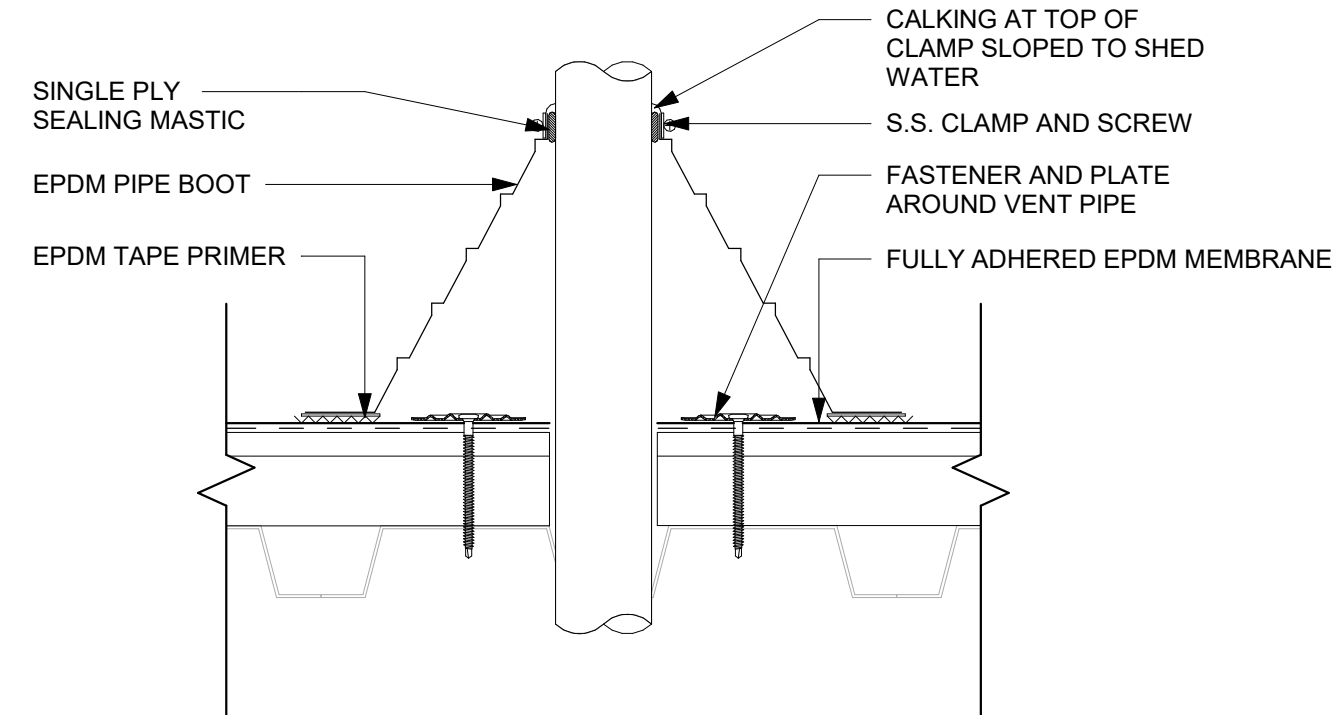




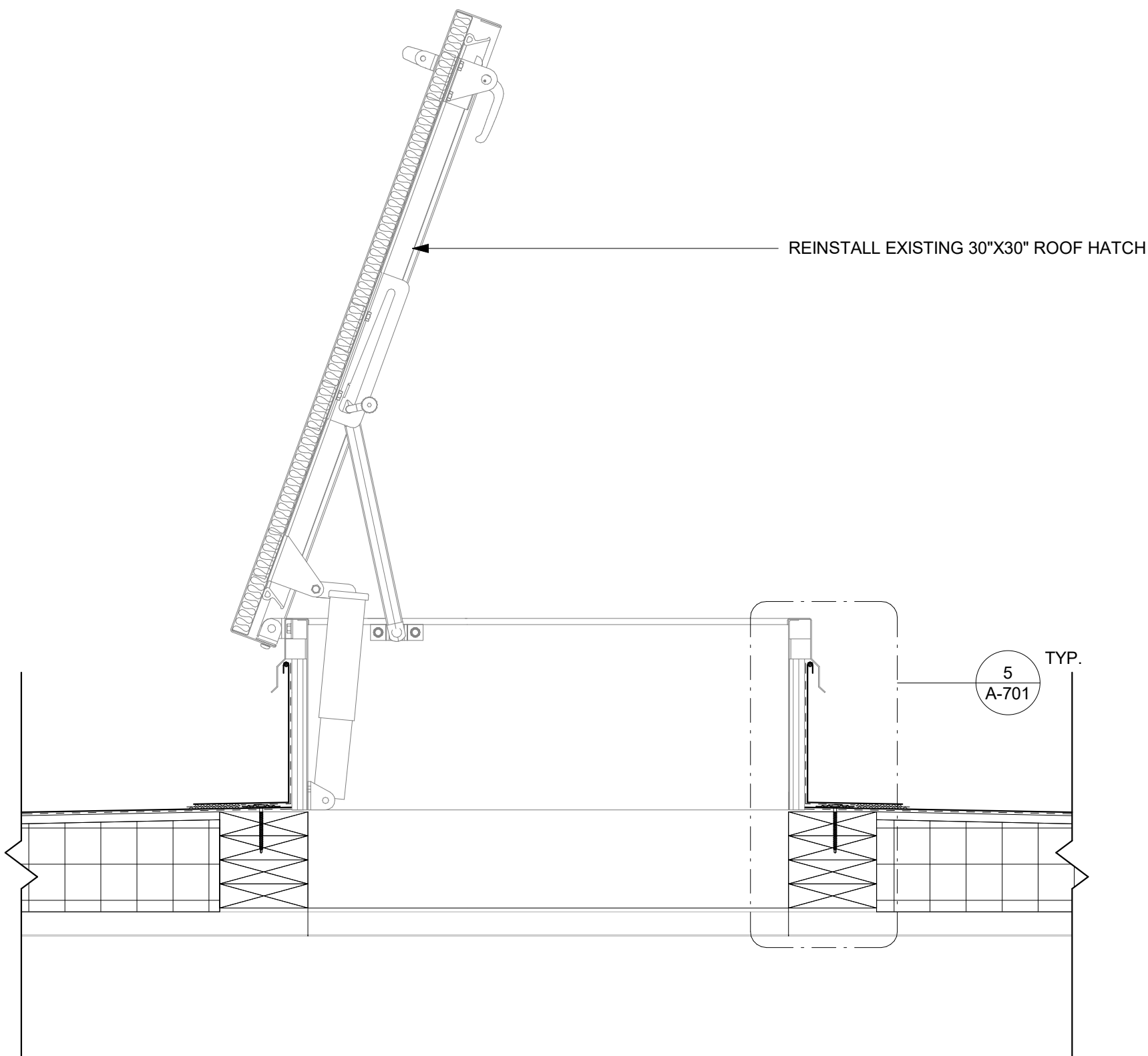
1 TYP. LOW SLOPE ROOF GUTTER FLASHING  
3" = 1'-0"



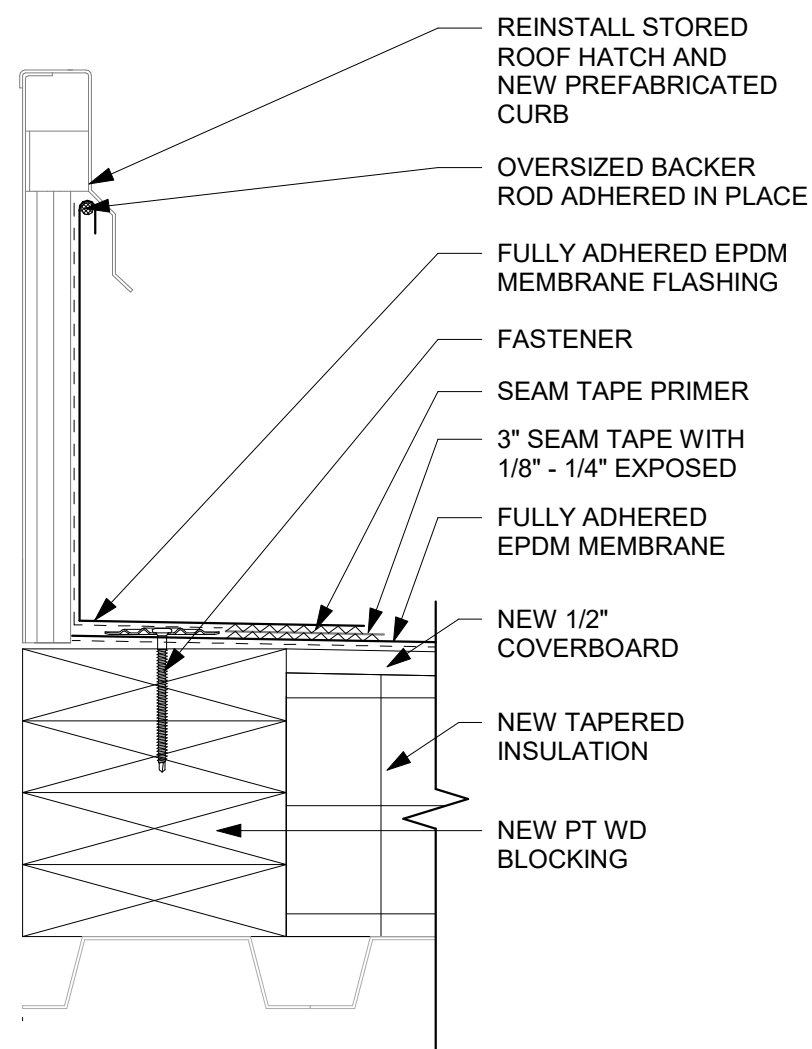
2 TYP. NEW WORK PARAPET FLASHING DETAIL B  
3" = 1'-0"



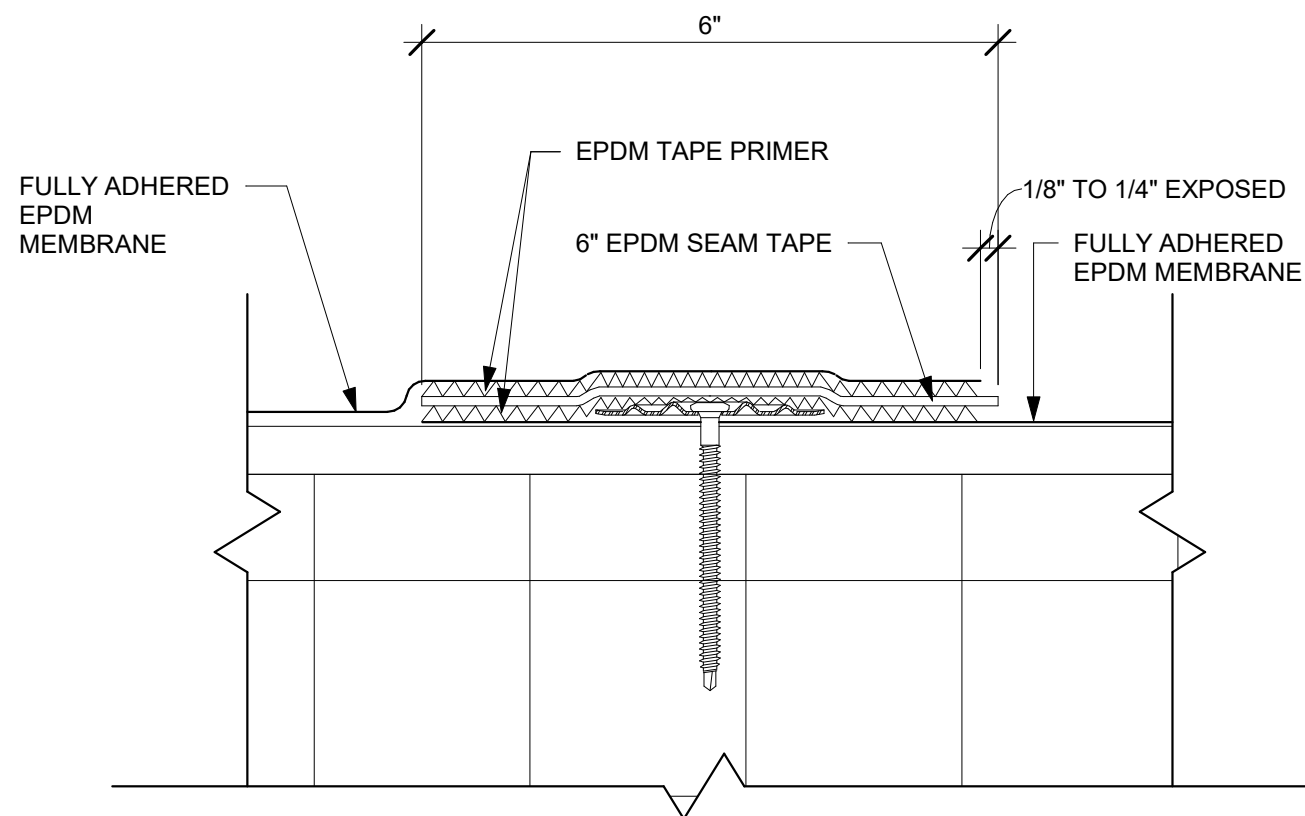
3 TYP. VENT PIPE FLASHING BOOT DETAIL  
3" = 1'-0"



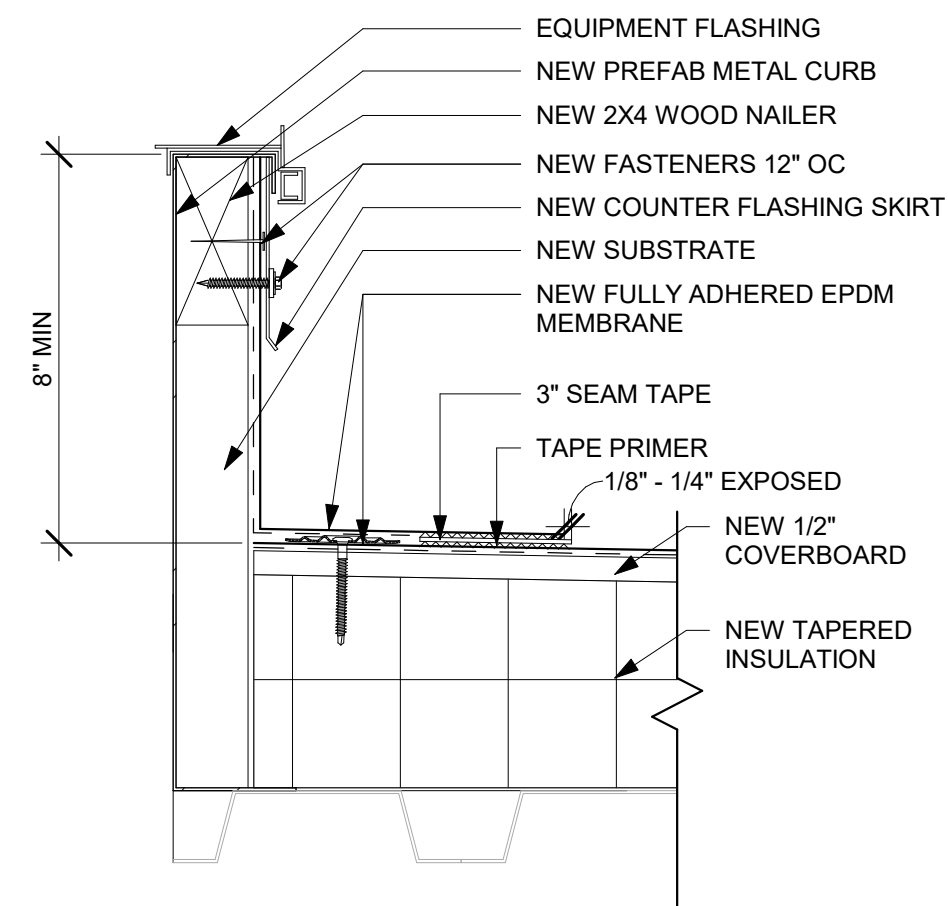
4 TYP. ROOF HATCH SECTION  
1 1/2" = 1'-0"



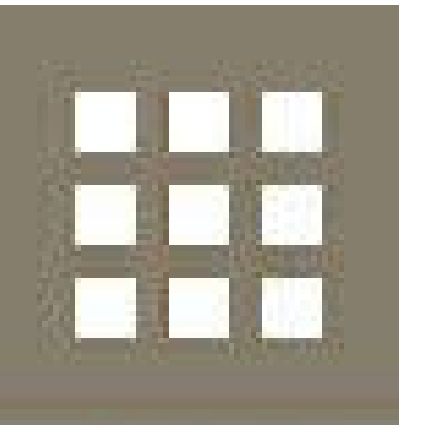
5 ROOF HATCH FLASHING DETAIL  
3" = 1'-0"



6 TYP. ROOF MEMBRANE SPLICE DETAIL  
6" = 1'-0"



7 TYP. HVAC CURB FLASHING DETAIL  
3" = 1'-0"



**DHK**  
ARCHITECTS

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ROOF REPLACEMENT

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FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

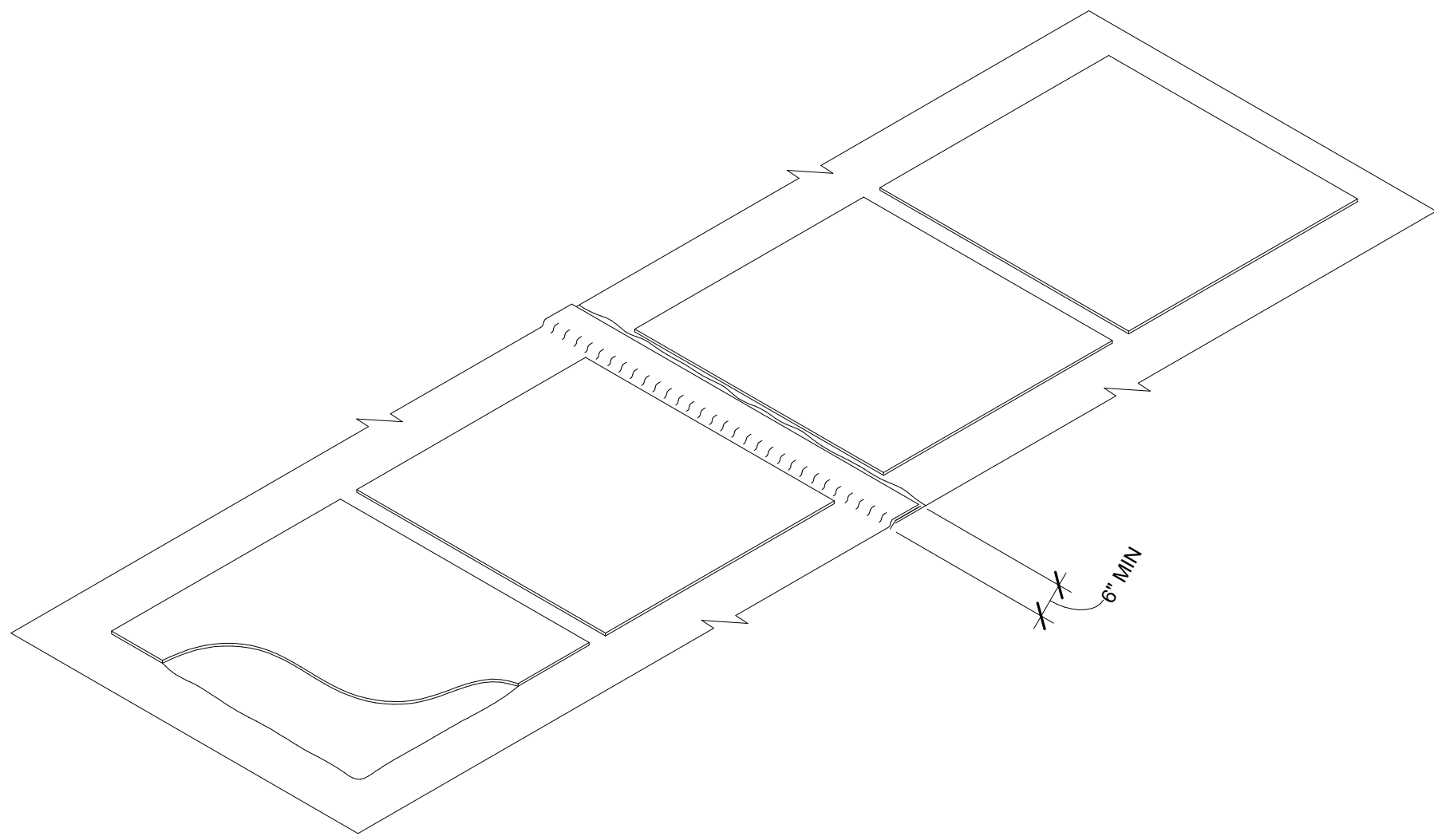
EPDM ROOF DETAILS 1 OF  
2

SCALE	AS NOTED
CHECKED BY	JG
DRAWN BY	BG
DESIGNED BY	NPD
PROJECT NO.	5060
DATE	8/14/2024

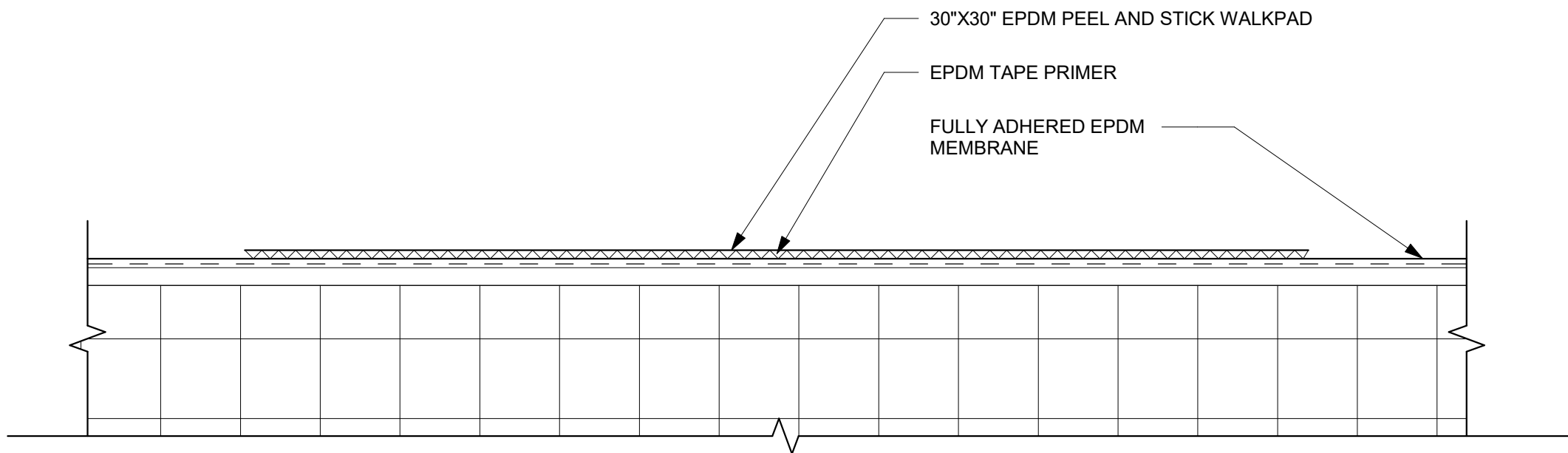
DRAWING NO.

A-701

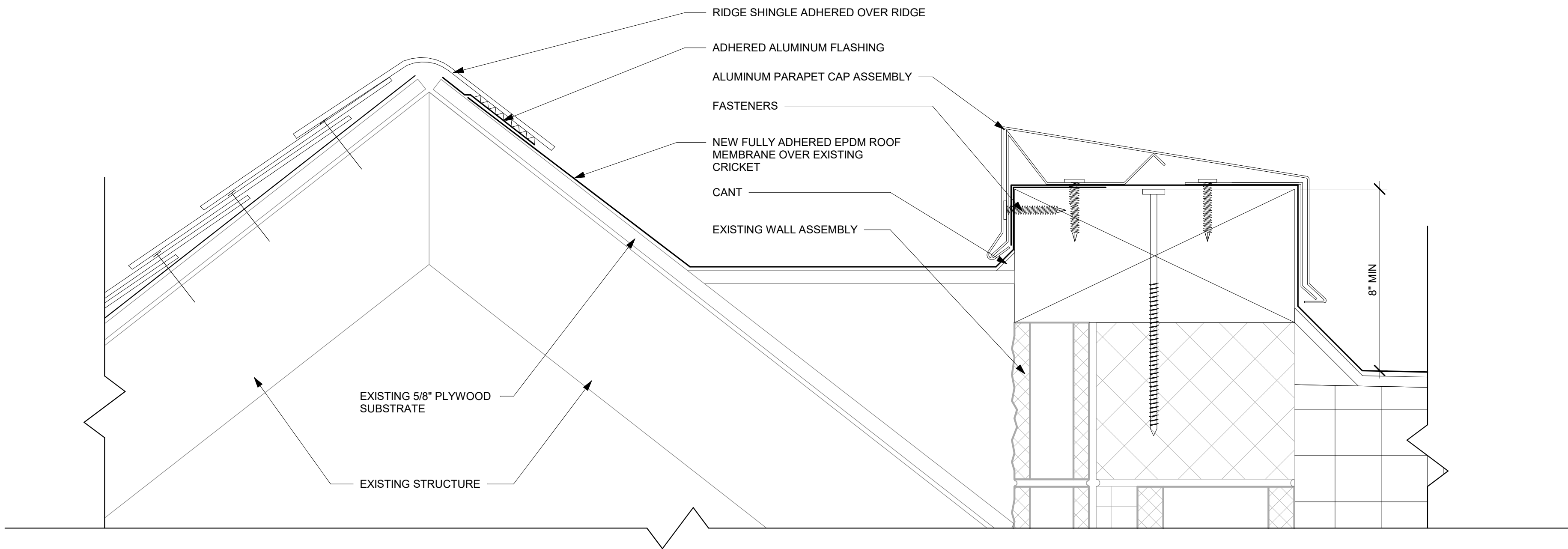
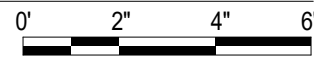




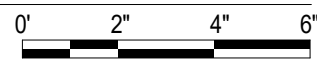
2 TYP. TRAFFIC PAD DETAIL ISO  
NTS



1 TYP. TRAFFIC PAD DETAIL  
A-401 3" = 1'-0"



3 EPDM - ASPHALT ROOF CONDITION  
A-602 3" = 1'-0"



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227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

EPDM ROOF DETAILS 2 OF  
2

SCALE:  
AS NOTED

CHECKED BY:  
JG

DRAWN BY:  
BG

DESIGNED BY:  
NPD

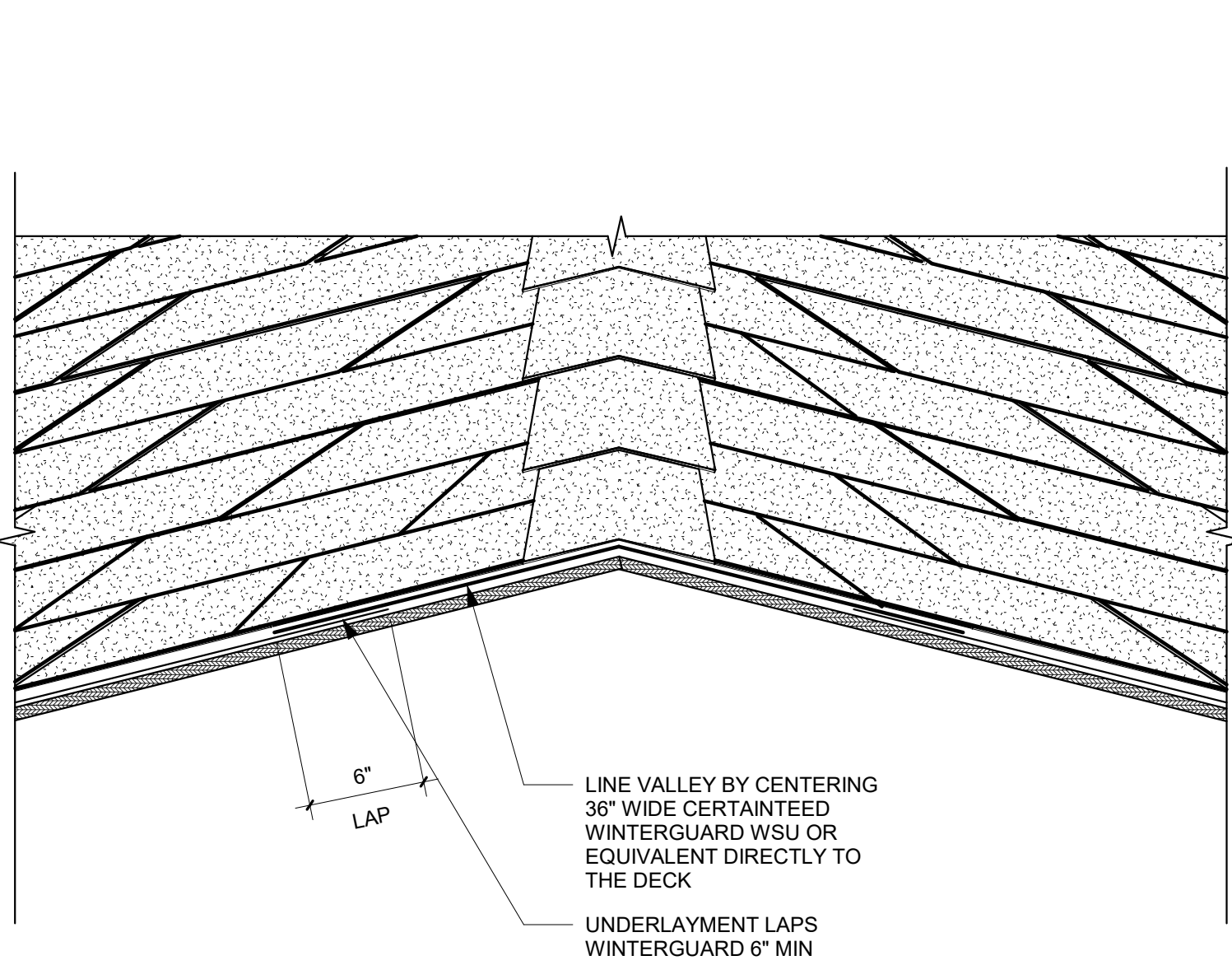
PROJECT NO.:  
5060

DATE:  
8/14/2024

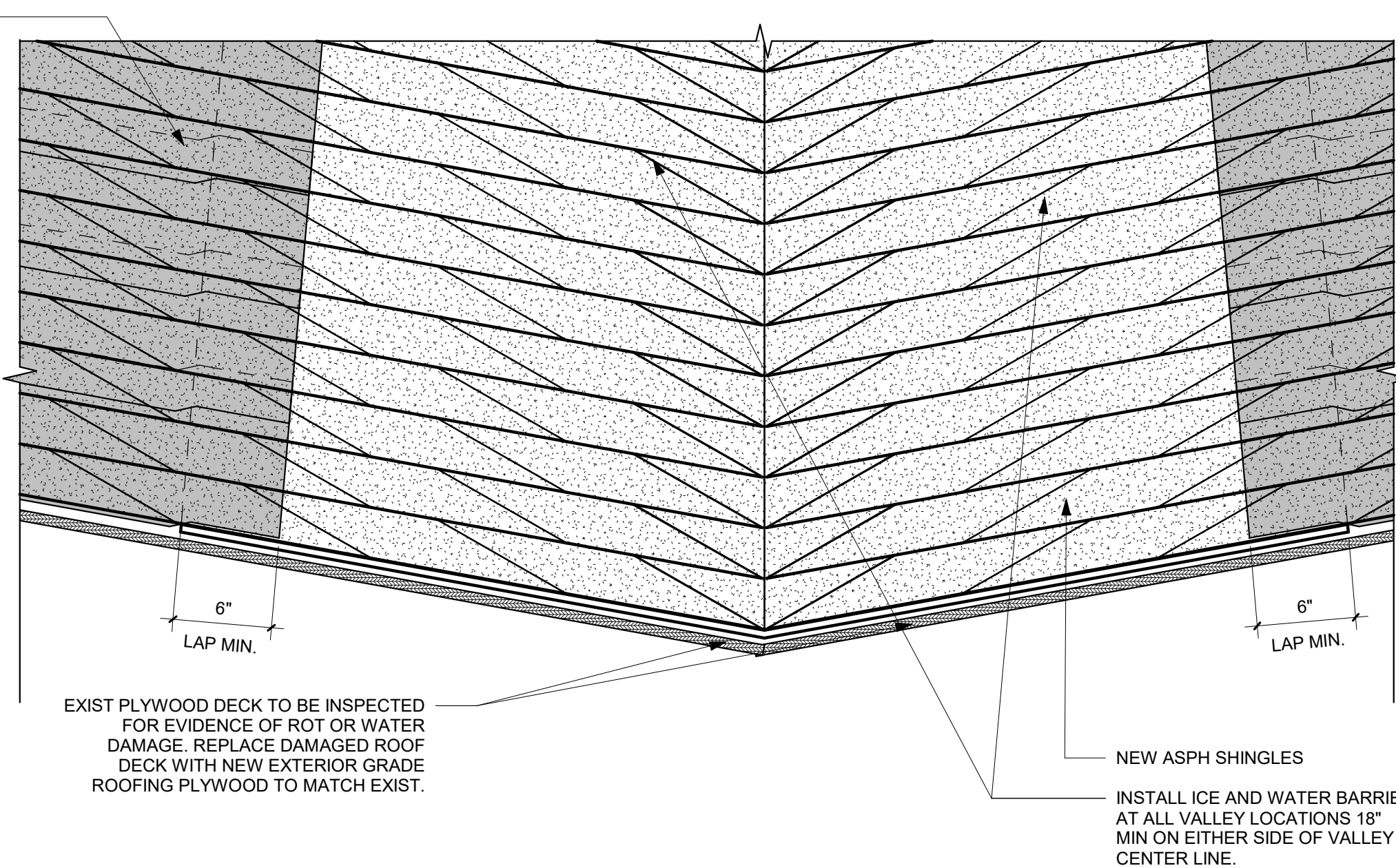
DRAWING NO.

A-702

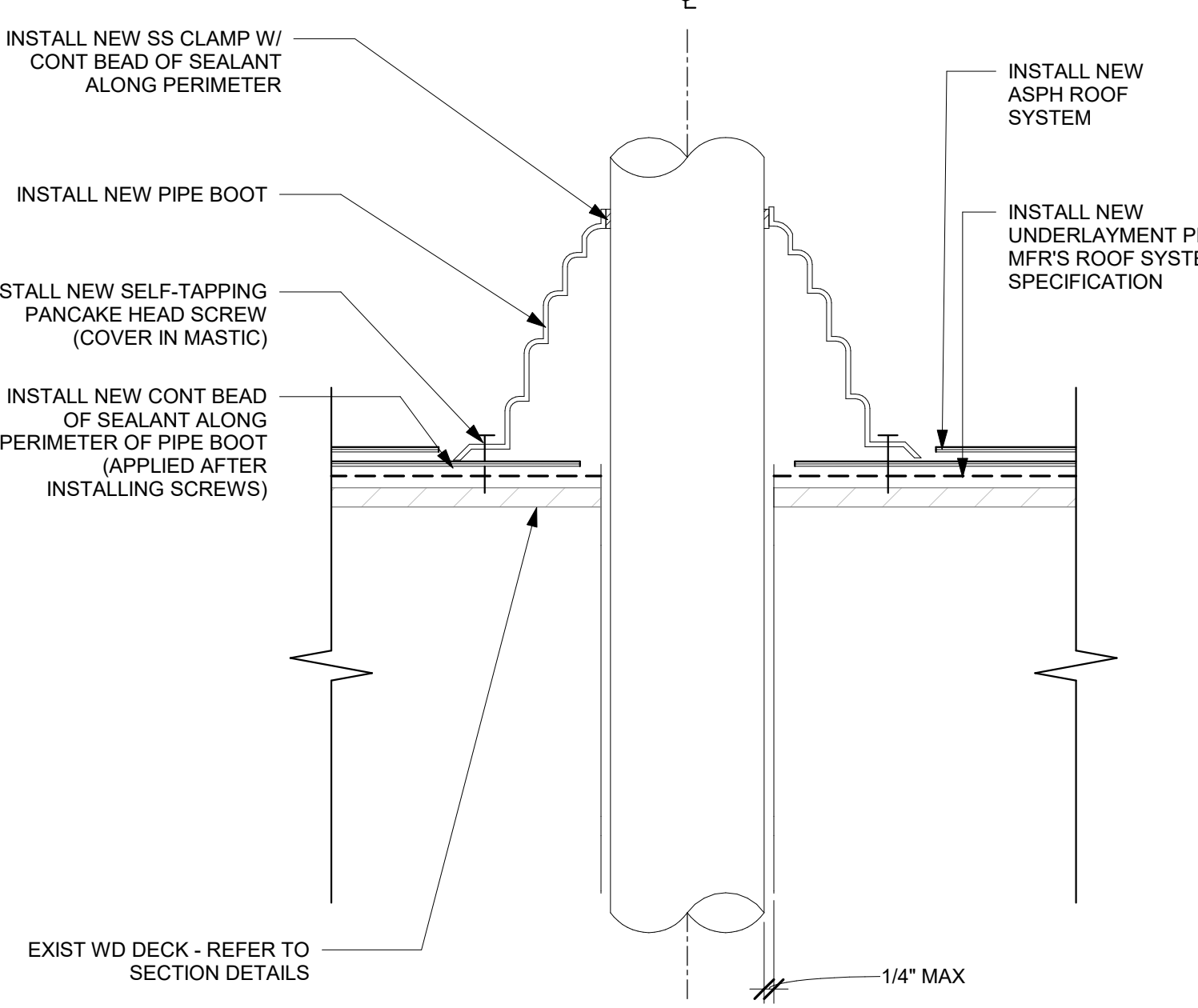




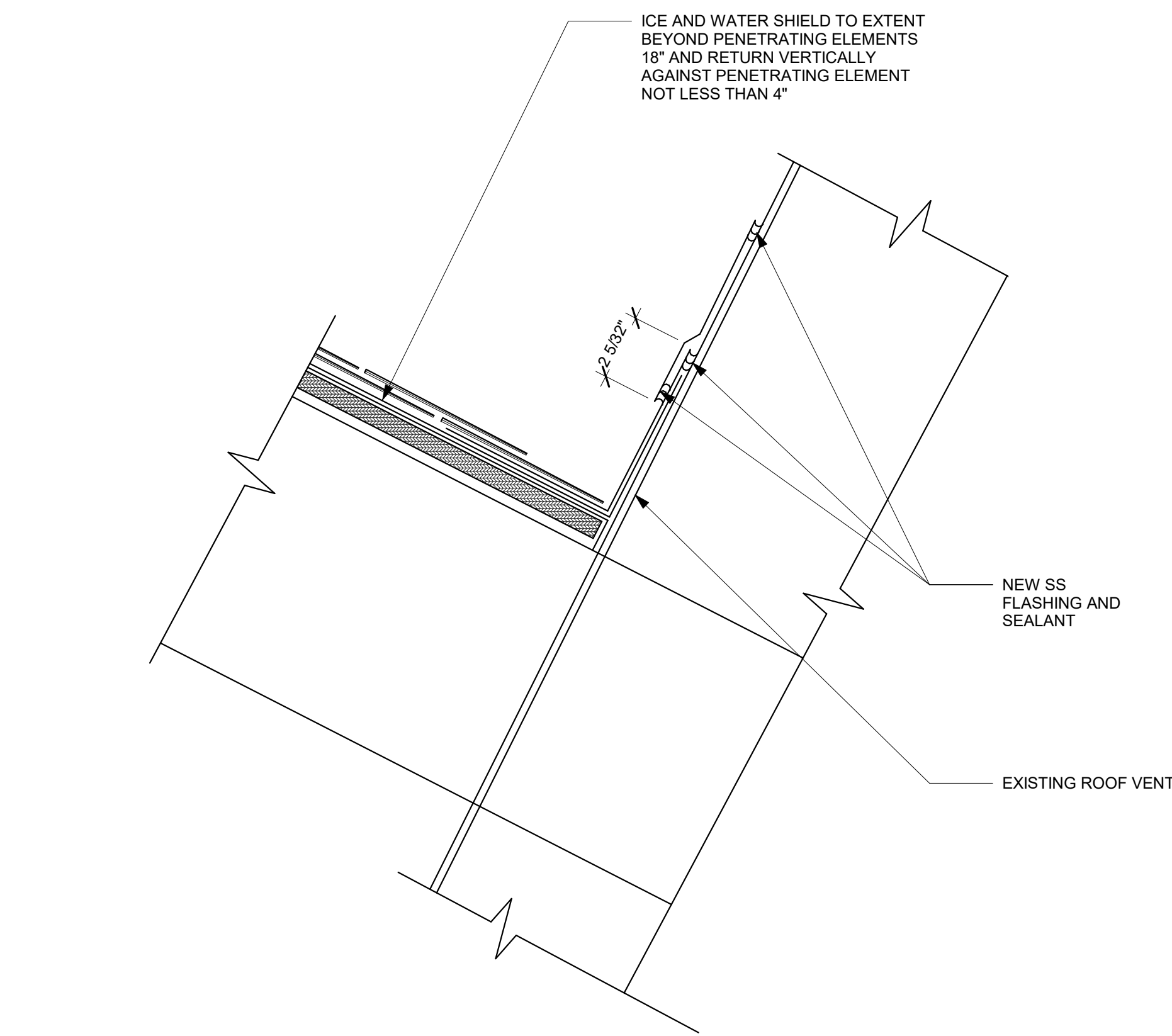
1 TYP. HIP SECTION  
1 1/2" = 1'-0"



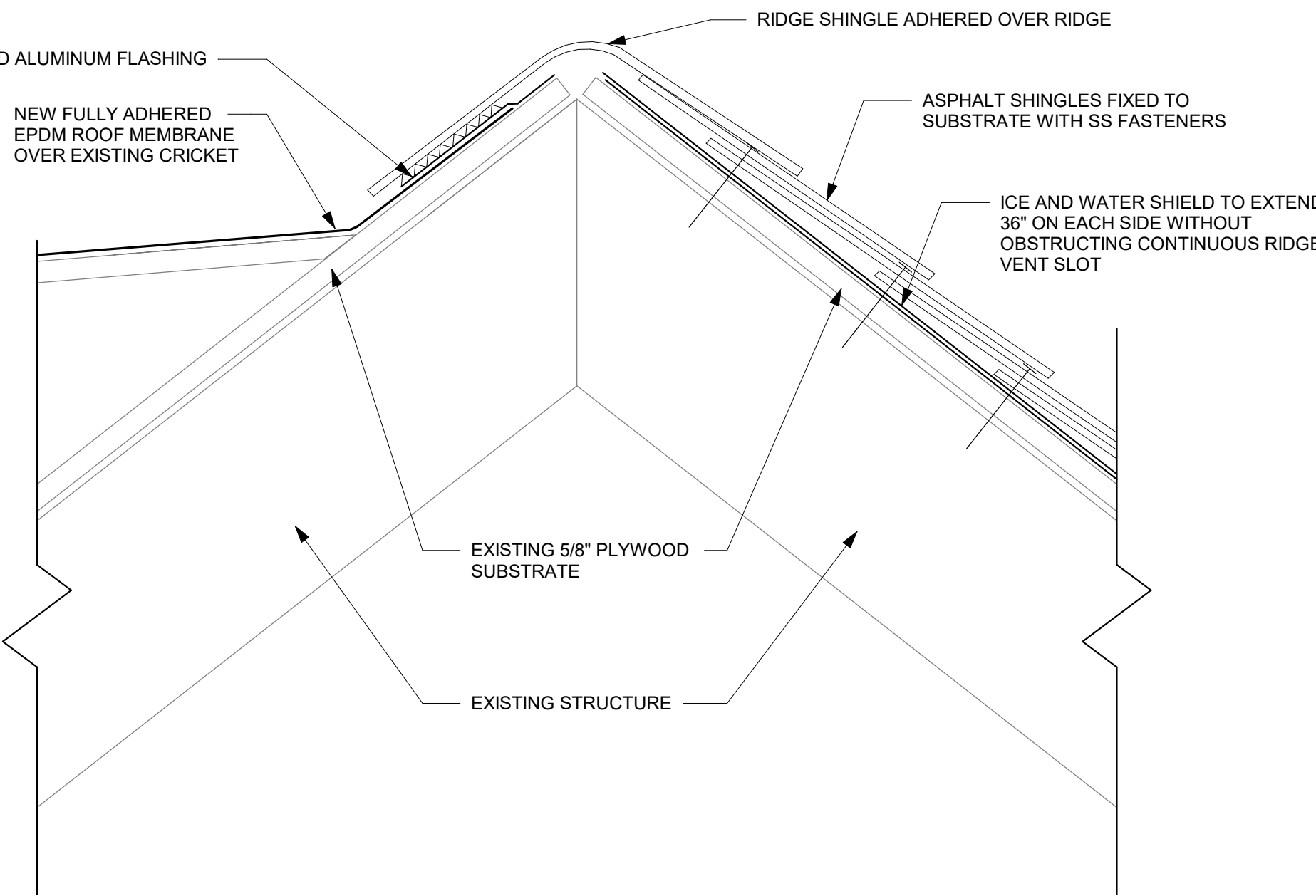
2 TYP. VALLEY SECTION  
1 1/2" = 1'-0"



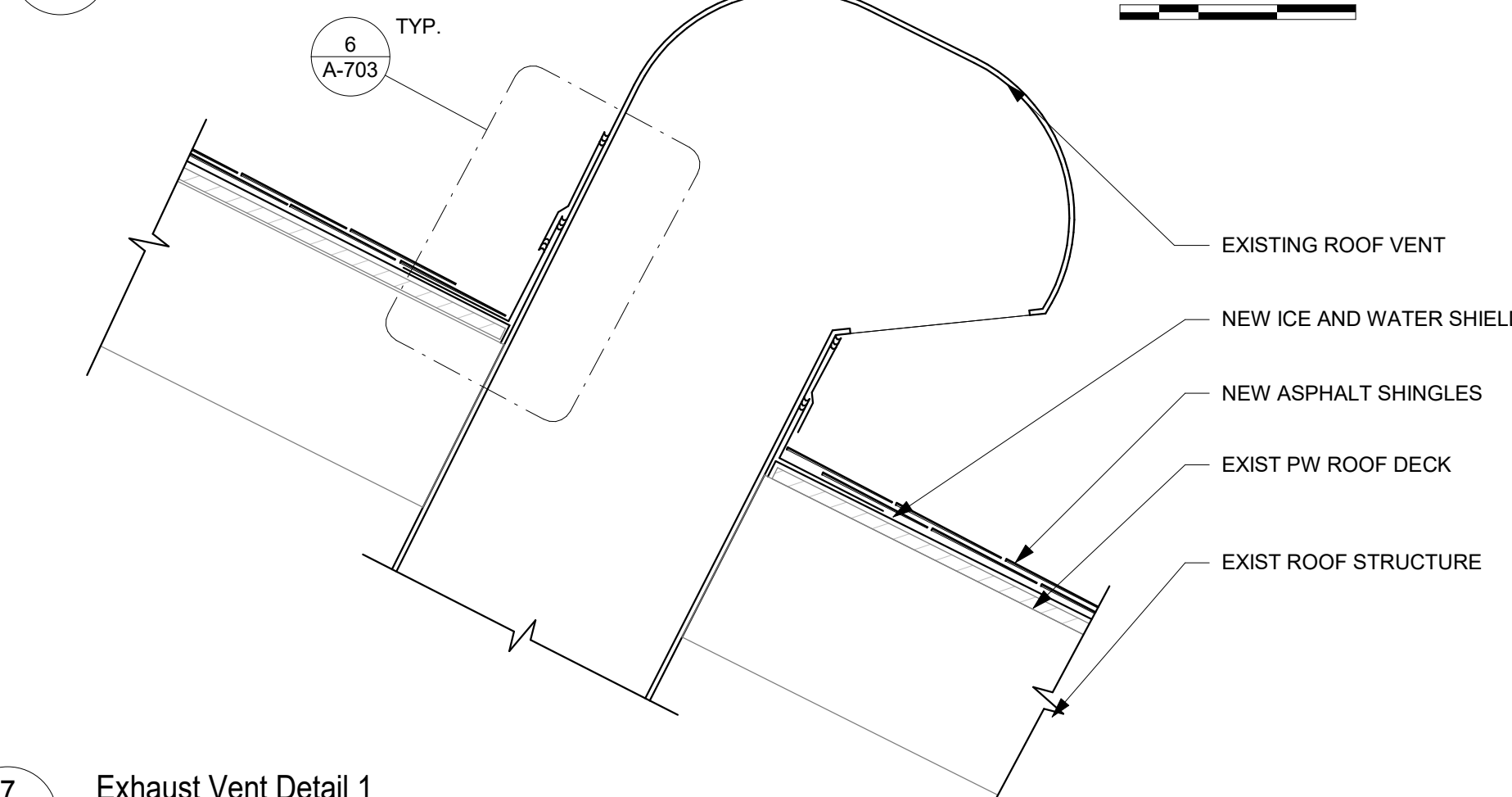
3 TYP. VENT PIPE FLASHING DETAIL W/ BOOT  
3" = 1'-0"



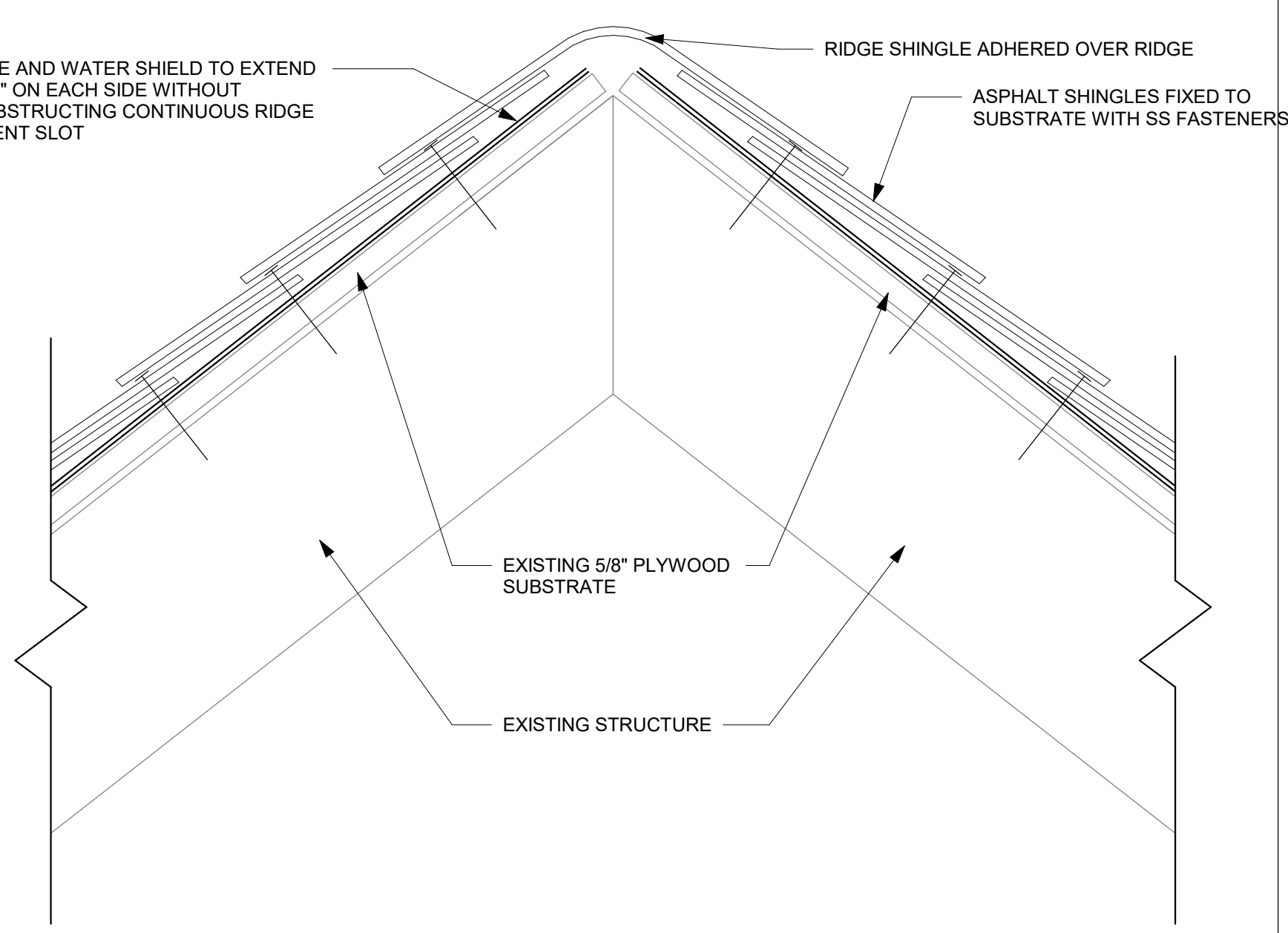
6 Exhaust Vent Detail 2  
3" = 1'-0"



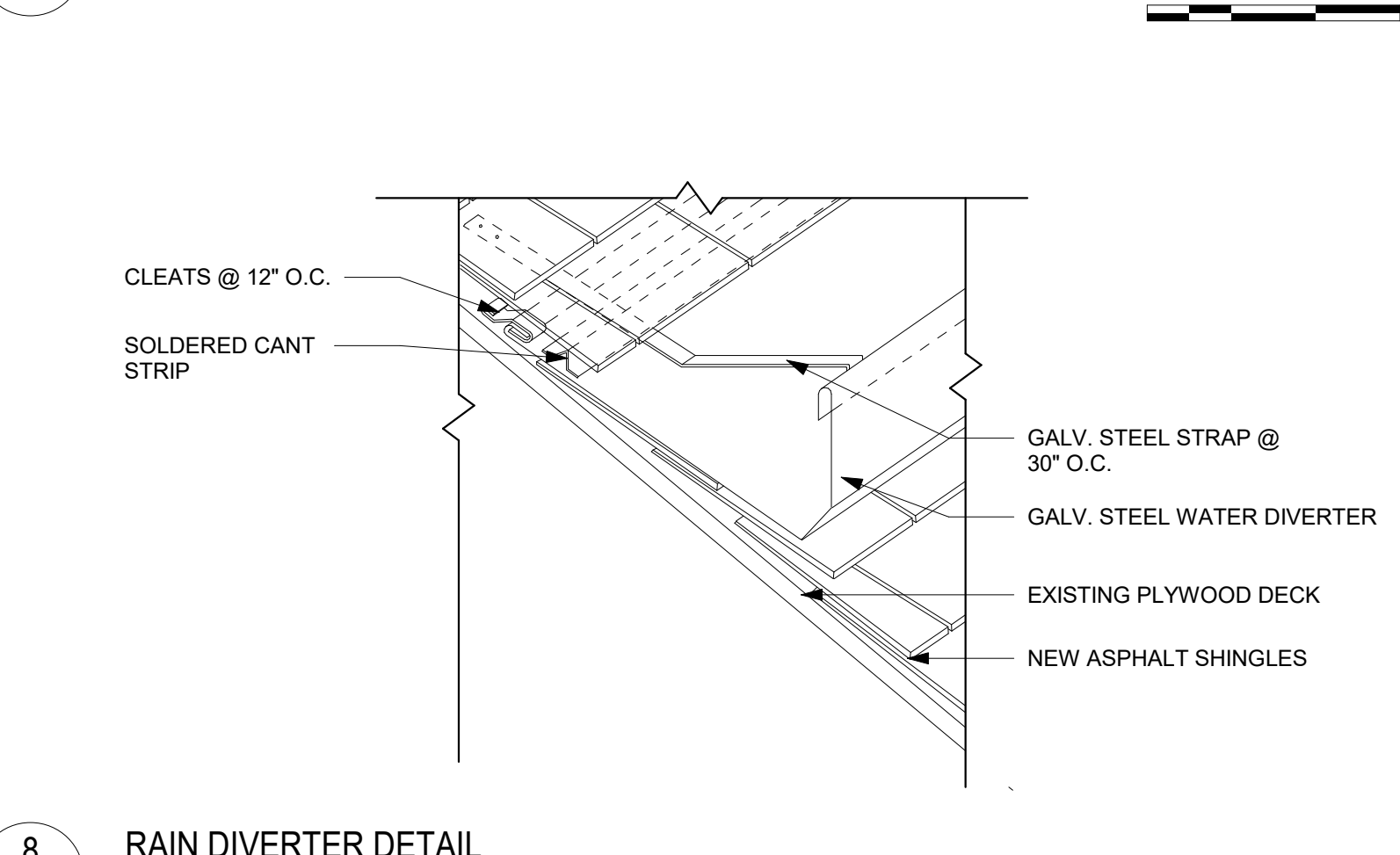
4 ASPHALT TO EPDM  
3" = 1'-0"



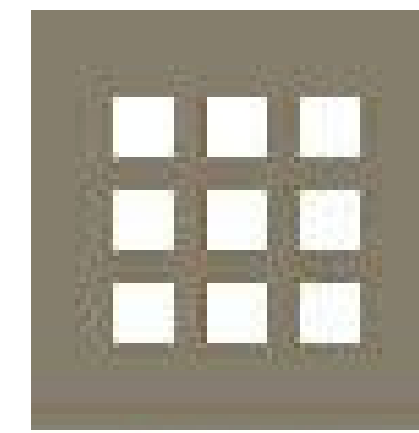
7 Exhaust Vent Detail 1  
1 1/2" = 1'-0"



5 RIDGE CLADDING  
3" = 1'-0"



8 RAIN DIVERTER DETAIL  
3" = 1'-0"



**DHK**  
ARCHITECTS

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## TOWN OF FAIRHAVEN

## SENIOR AND RECREATIONAL CENTER ROOF REPLACEMENT

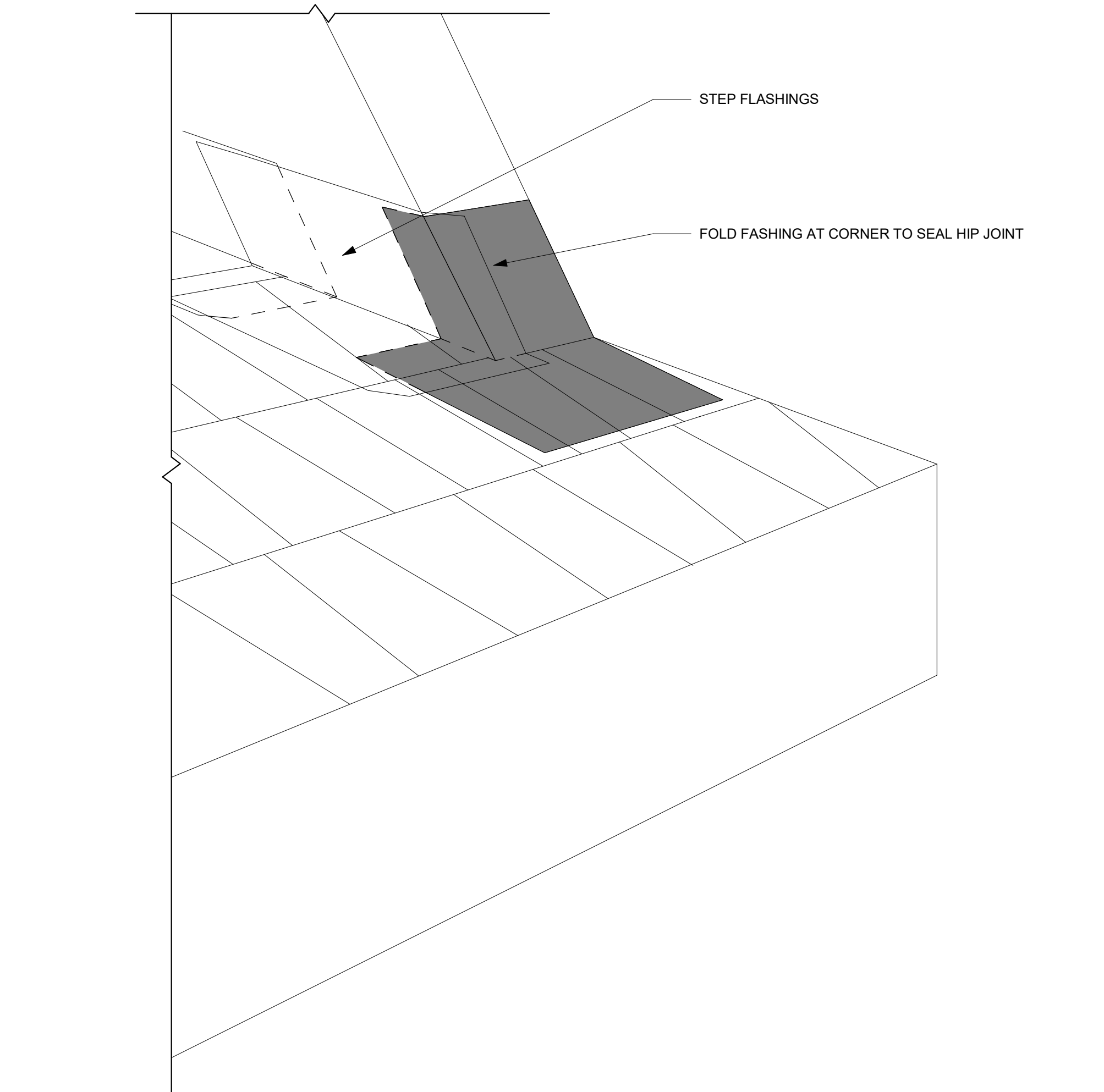
227-229 HUTTLESTON AVE,  
FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

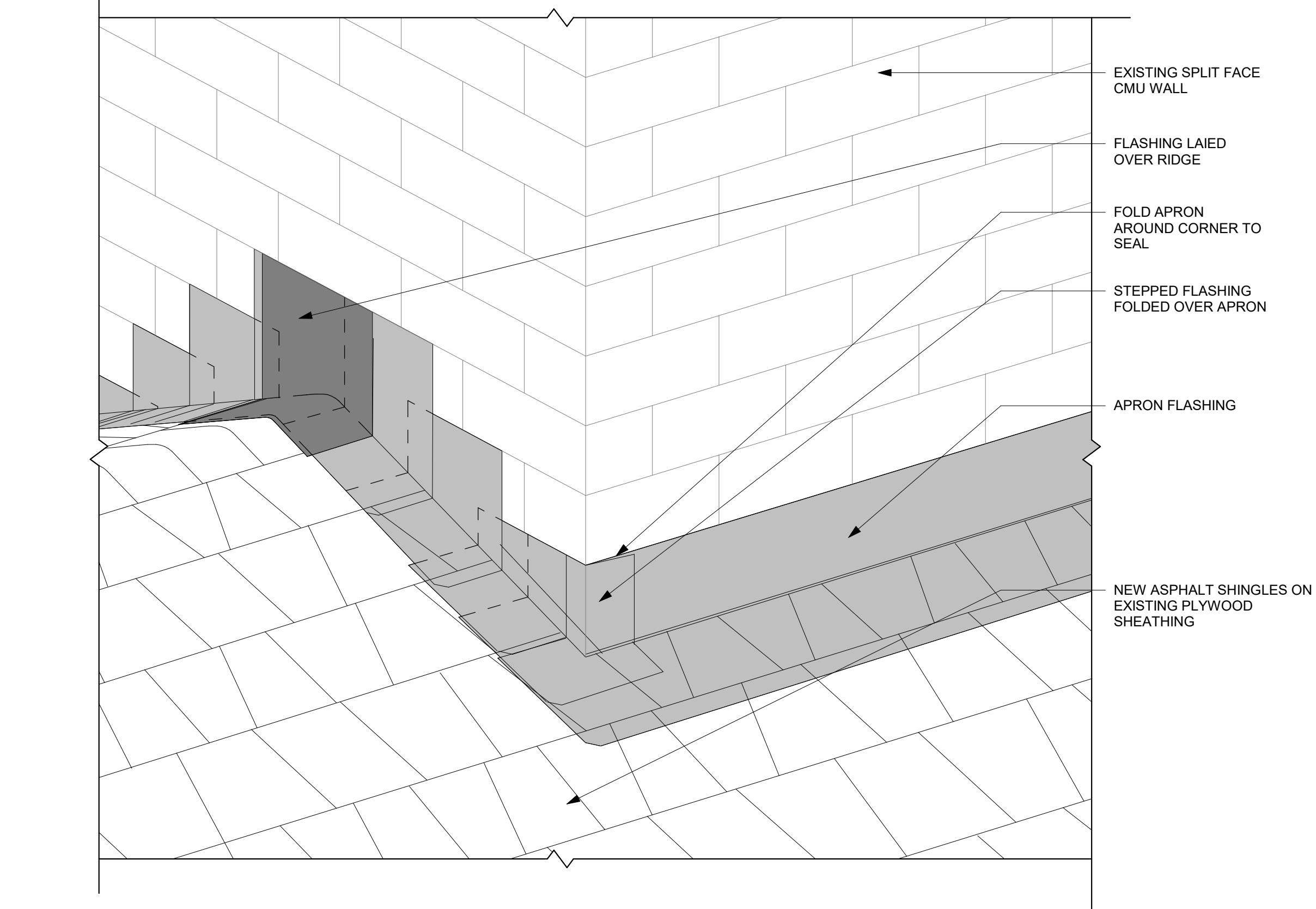
## ASPHALT ROOF DETAILS 1 OF 2

SCALE	AS NOTED	DRAWING NO. <b>A-703</b>
CHECKED BY	JG	
DRAWN BY	BG	
DESIGNED BY	NPD	
PROJECT NO.	5060	
DATE	8/14/2024	

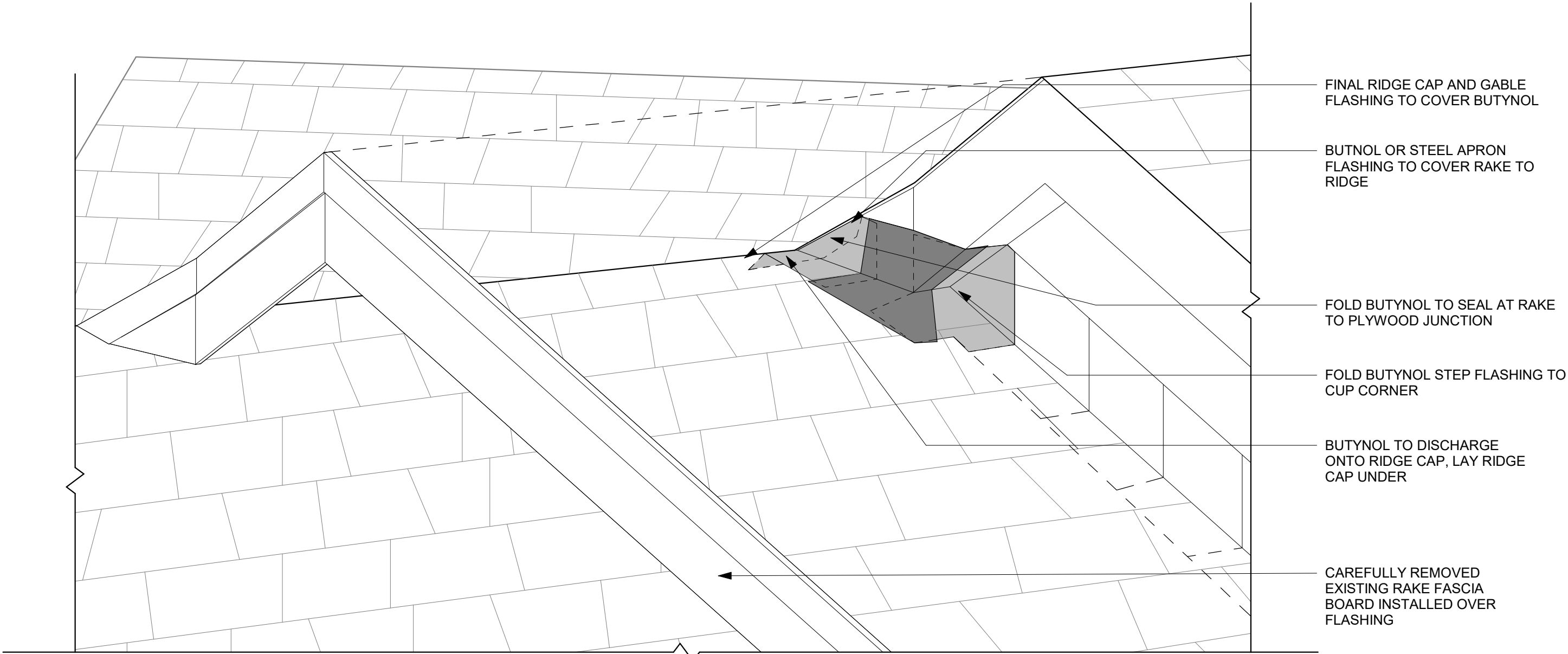




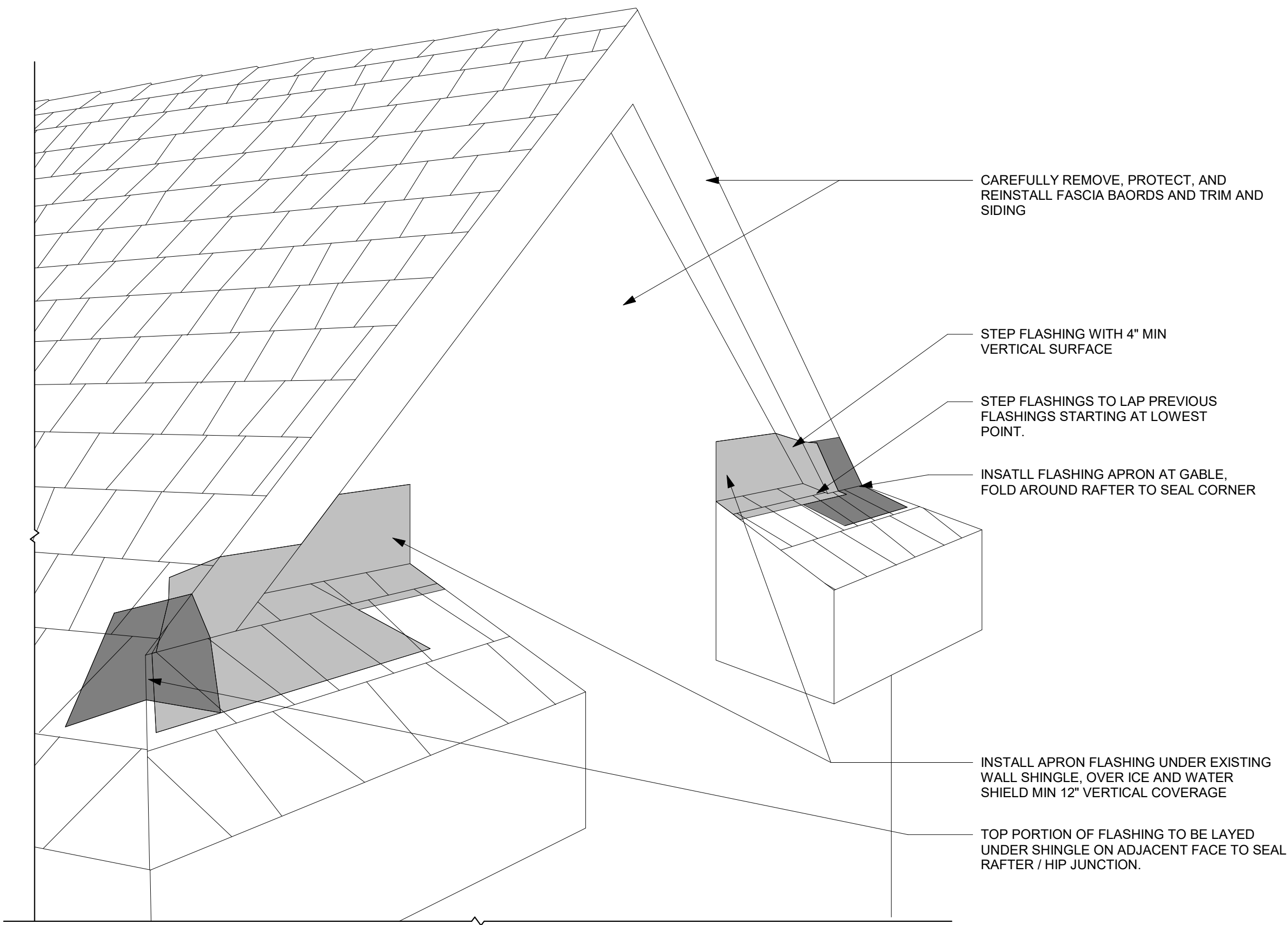
1 DUTCH GABLE FLASHING CORNER  
NTS



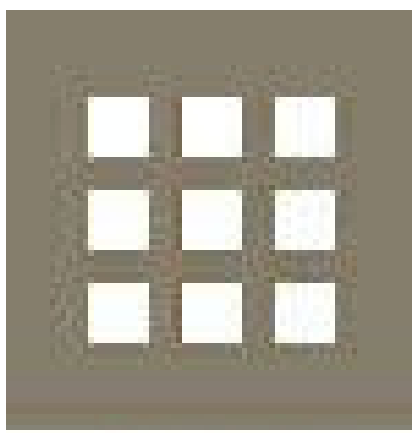
3 TYPICAL FLASHING CONDITION AT CMU WALL  
NTS



2 BUILDING B PEAK FLASHING DETAIL  
NTS



4 TYPICAL DUTCH GABEL FLASHING DETAIL  
NTS



**DHK**  
ARCHITECTS

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TOWN OF FAIRHAVEN

SENIOR AND  
RECREATIONAL CENTER  
ROOF REPLACEMENT

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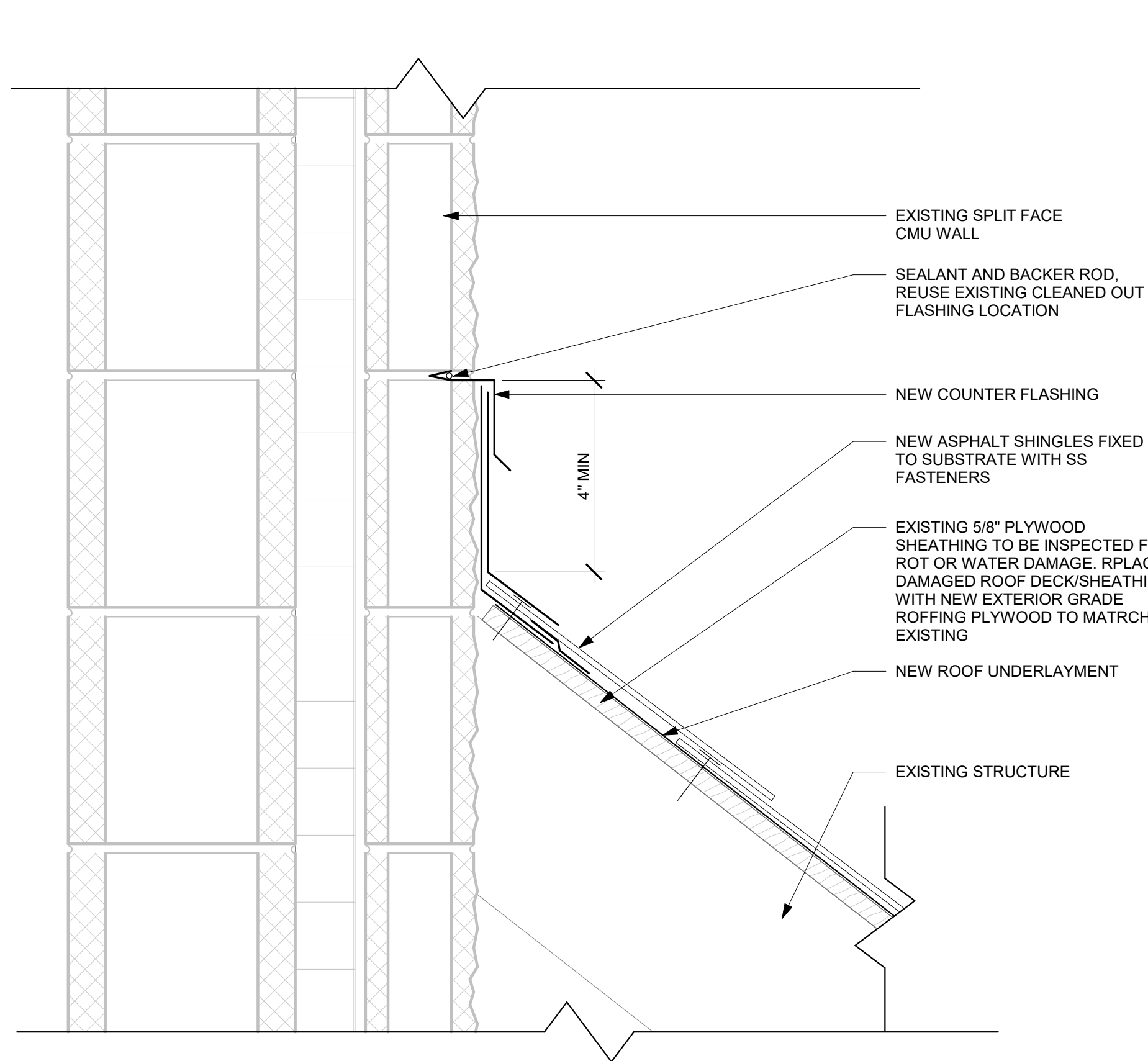
100% DOCUMENTS FOR BID

ASPHALT ROOF DETAILS 2  
OF 2

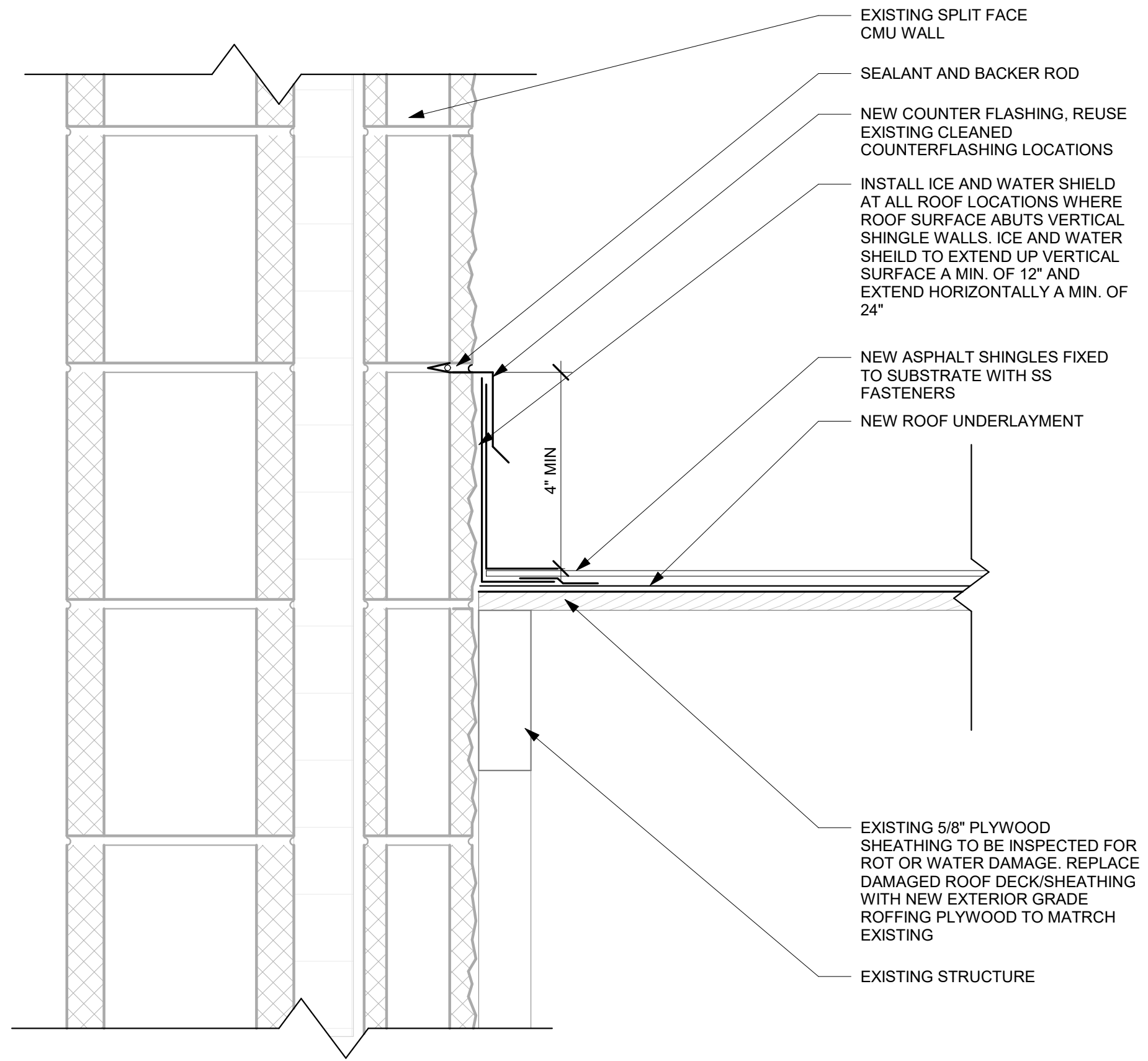
SCALE:	AS NOTED
CHECKED BY:	JG
DRAWN BY:	BG
DESIGNED BY:	NPD
PROJECT NO:	5060
DATE:	8/14/2024

DRAWING NO.  
**A-704**

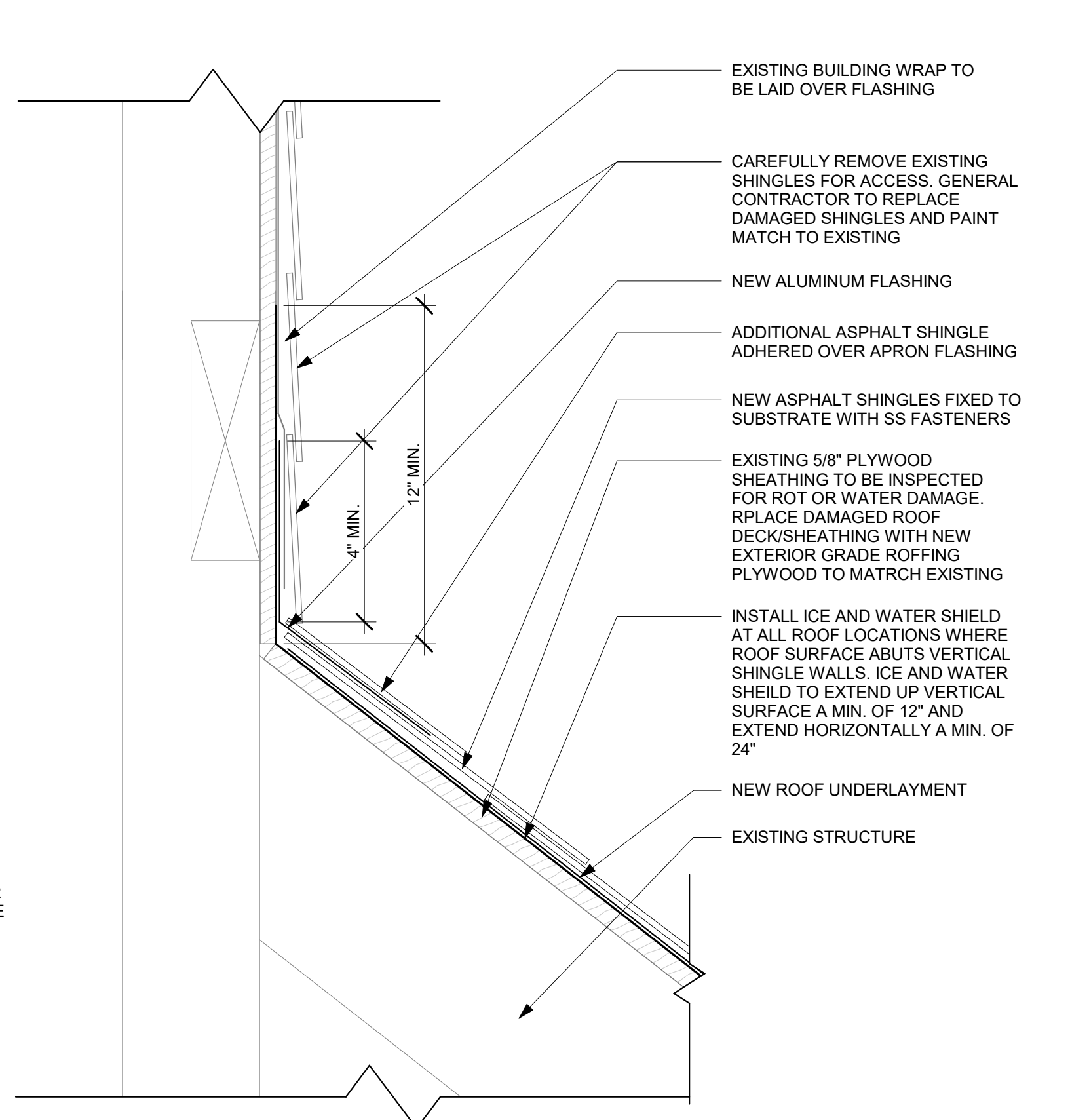




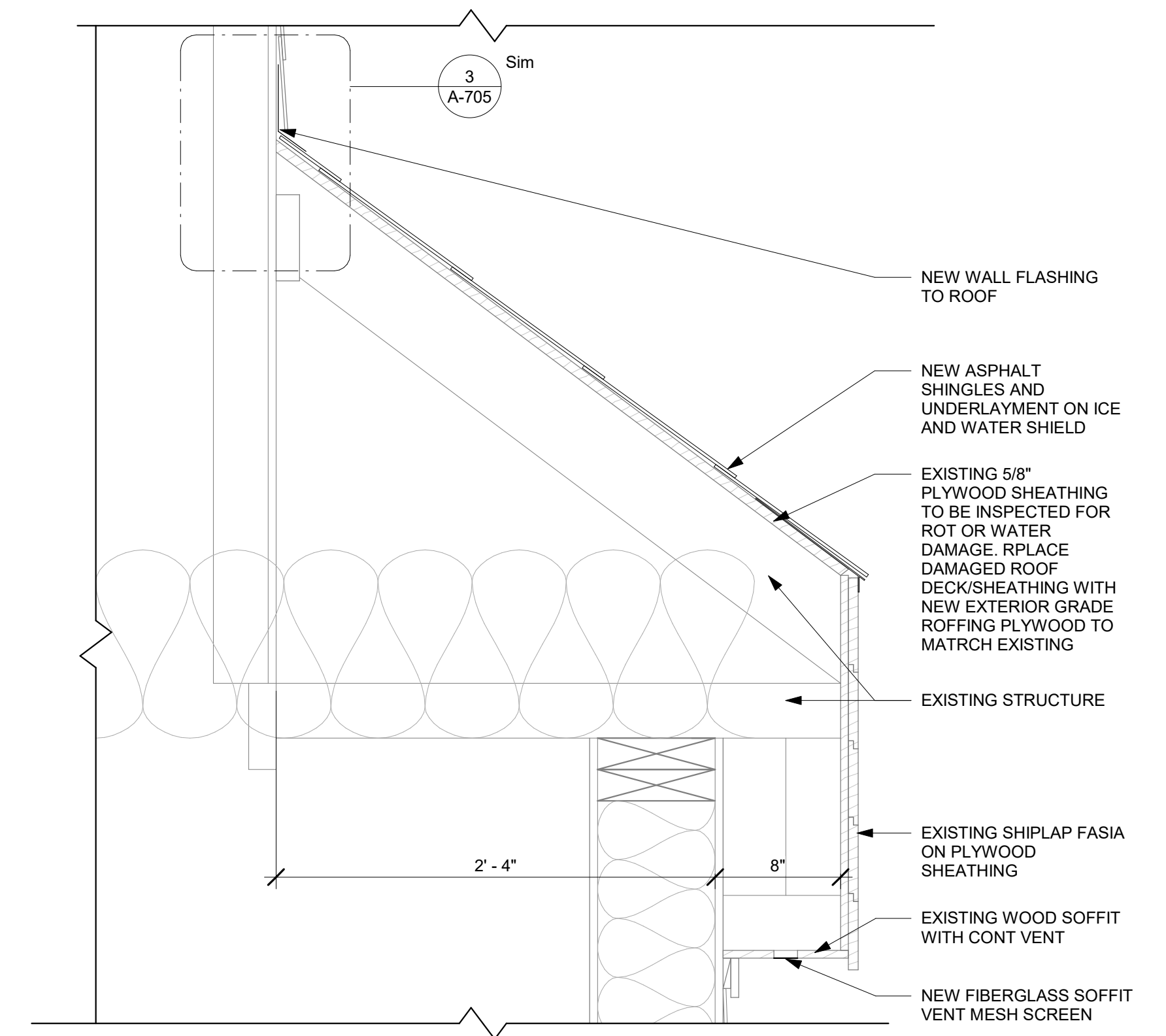
1 ASPHALT ROOF FLASHING AT CMU WALL 1  
A-602 3" = 1'-0" 0" 2" 4" 6"



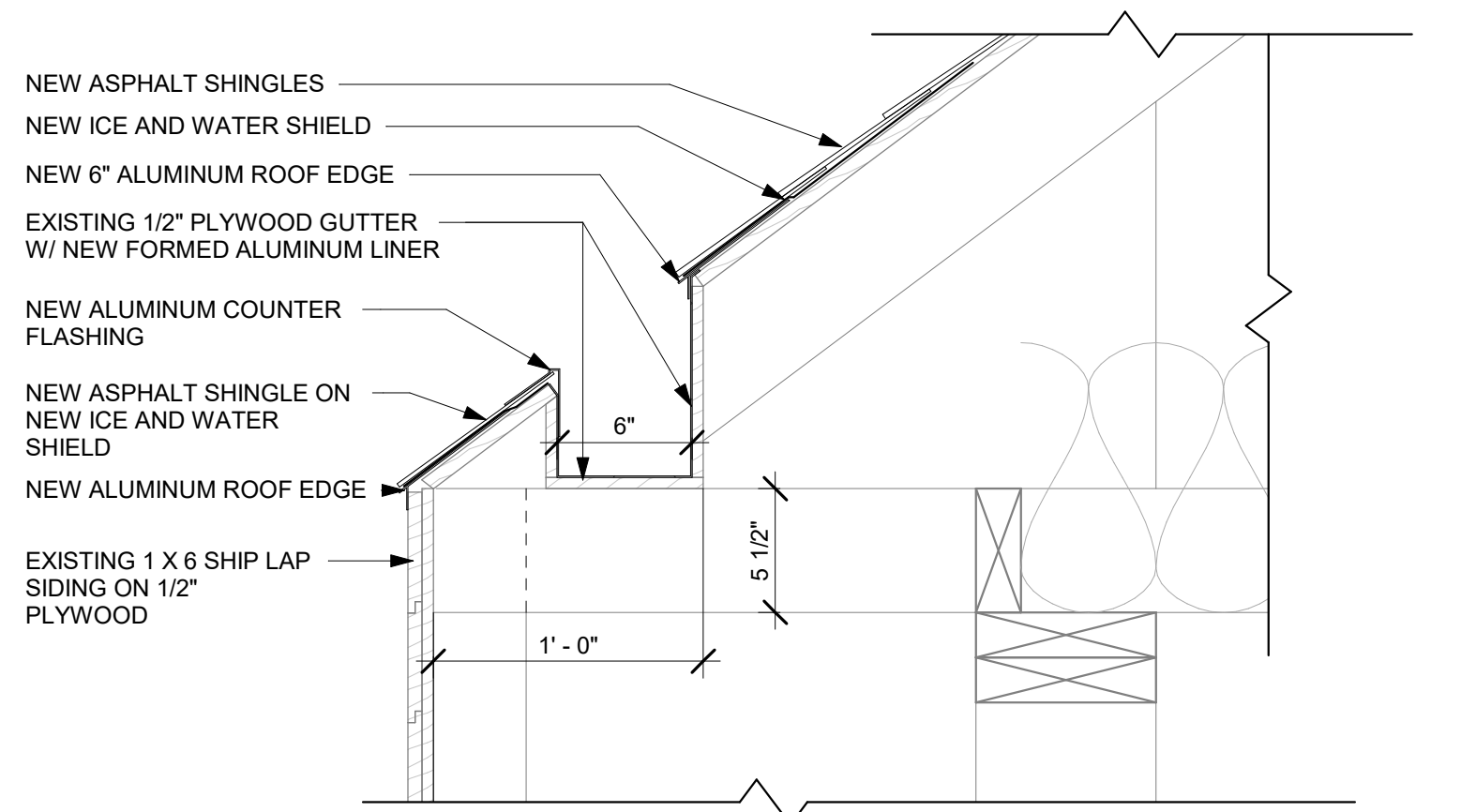
2 ASPHALT ROOF FLASHING AT CMU WALL 2  
A-401 3" = 1'-0" 0" 2" 4" 6"



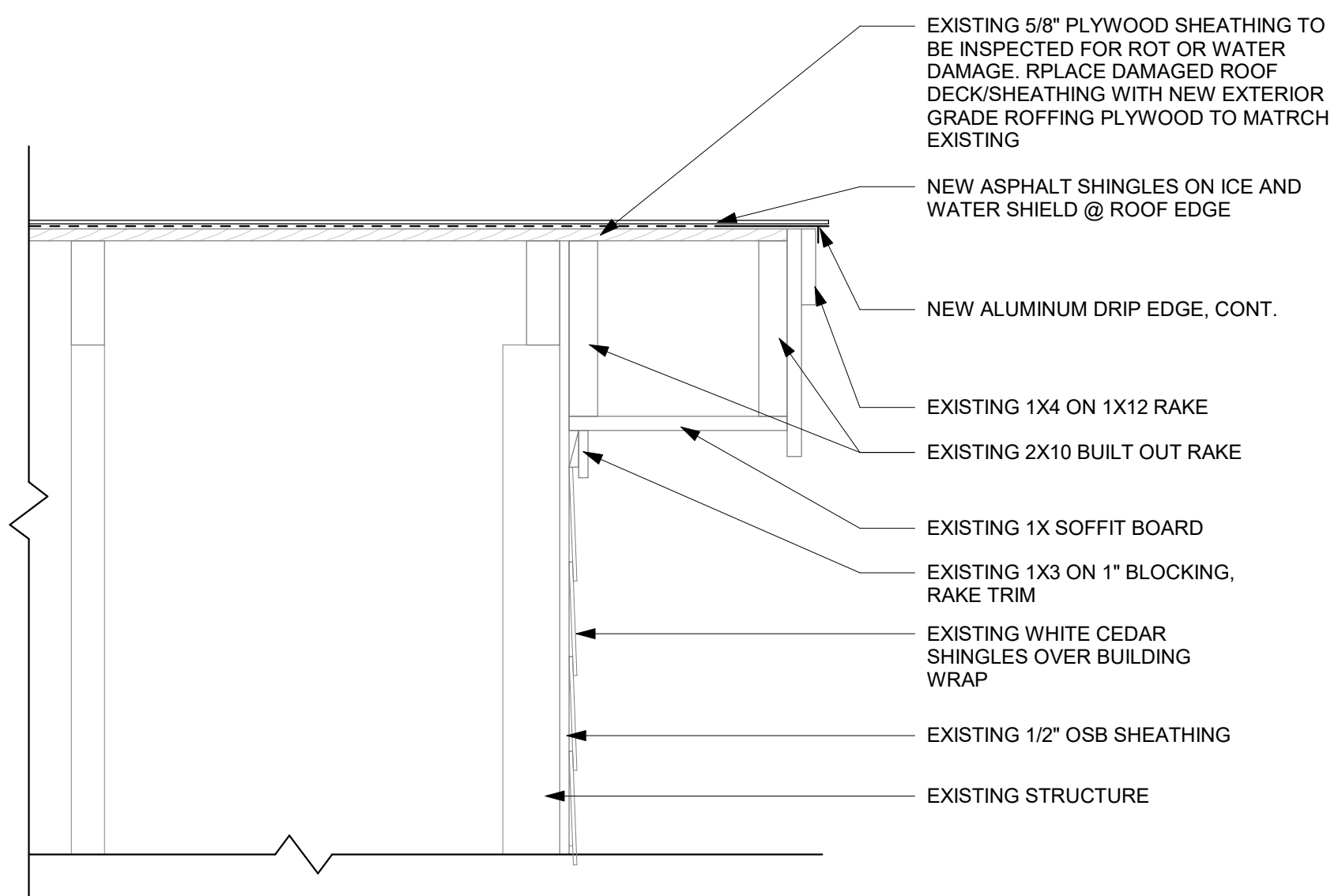
3 DUTCH GABEL FLASHING DETAIL  
A-705 3" = 1'-0" 0" 2" 4" 6"



4 SOFFIT DETAIL B  
A-601 1 1/2" = 1'-0" 0" 4" 8" 12"



5 TYPICAL BUILT-IN GUTTER  
A-601 1 1/2" = 1'-0" 0" 4" 8" 12"



6 RAKE DETAIL  
A-601 1 1/2" = 1'-0" 0" 4" 8" 12"



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FAIRHAVEN, MA 02719

100% DOCUMENTS FOR BID

## ASPHALT ROOF FLASHING DETAILS

SCALE:  
AS NOTED

CHECKED BY:  
JG

DRAWN BY:  
BG

DESIGNED BY:  
NPD

PROJECT NO.:  
5060

DATE:  
8/14/2024

DRAWING NO.:

A-705