

ROOF REPLACEMENT
AT
GOV. PITKIN ELEMENTARY SCHOOL
330 HILLS STREET
EAST HARTFORD, CT 06118

STATE PROJECT NO. 043-0241- RR

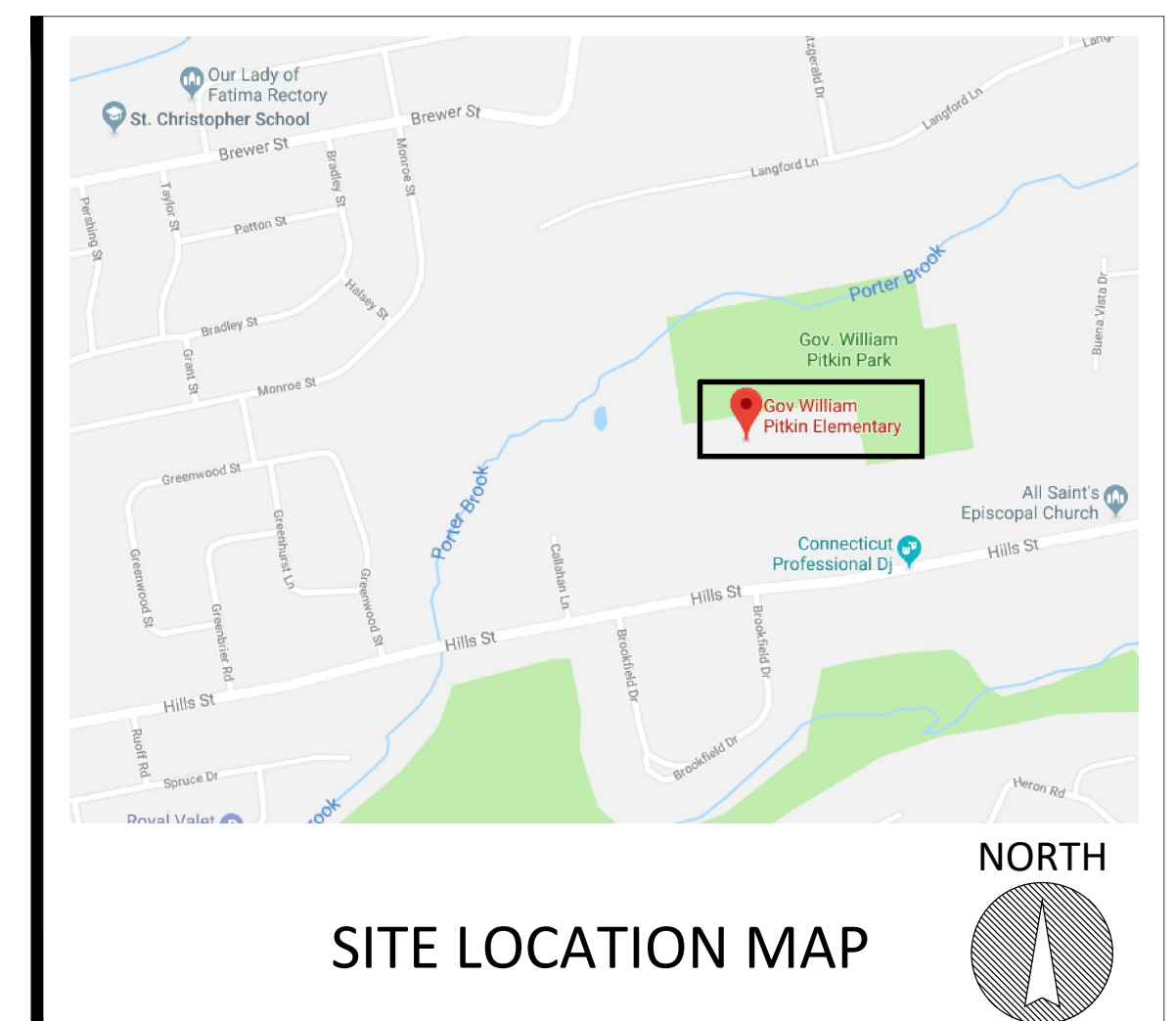
ISSUED FOR STATE REVIEW
MAY 1, 2019

ARCHITECT
FRIAR ARCHITECTURE INC.
21 TALCOTT NOTCH ROAD
FARMINGTON, CONNECTICUT 06032
Architect's Project No. 2018-129E

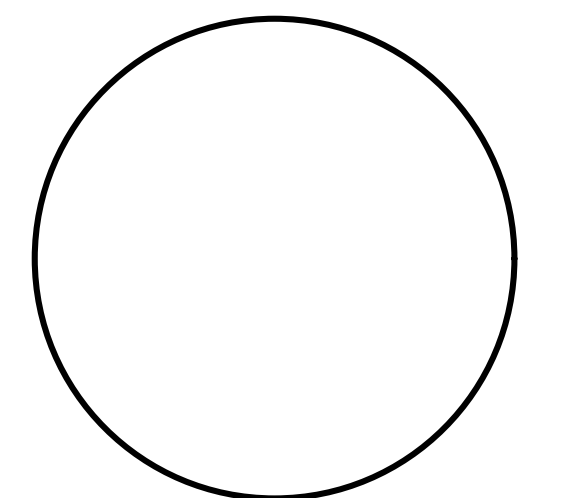
EAST HARTFORD PUBLIC SCHOOLS
DEPARTMENT OF FACILITIES
BENJAMIN P. WHITTAKER, DIRECTOR OF FACILITIES
734 TOLLAND STREET
EAST HARTFORD, CT 06108

INDEX OF DRAWINGS

COVER SHEET
A1.1 REFERENCE SHEET
A2.1 ROOF PLAN
A3.1 ROOF DETAILS



SET NUMBER



ABBREVIATIONS

ABOVE FINISH FLOOR	A.F.F.	MASONRY	MAS.
ABOVE FINISH GRADE	A.F.G.	MATERIAL	MATL.
ACOUSTIC	AC.	MAXIMUM	MAX.
ACOUSTIC TILE	A.C.T.	METABOLIC	MET.
AIR CONDITIONING	A.C.	METAL	MET.
AIR HANDLING UNIT	A.H.U.	MEZANINE	MEZZ.
ALTERNATE	ALT.	MINIMUM	MIN.
ALUMINUM	ALUM.	MISCELLANEOUS	MISC.
ANCHOR, ANCHORAGE	ANCH.		
ANCHOR BOLTS	AB		
ANGLE	CL		
AND/OR	AND.		
APPROVED	APPD.		
ARCHITECTURAL / ARCHITECT	ARCH.		
ASBESTOS	ASB.		
ASPHALT	ASPH.		
ASSEMBLY	ASSY.		
ASSISTANT	ASST.		
AT	@		
AUTOMATIC	AUTO.		
BEAM	BM.		
BEARING	BRG.		
BETWEEN	BET.		
BEVEL / BEVELED	BEV.		
BILUMINOUS	BLU.		
BLOCK	BLK.		
BLOCKING	BLKG.		
BOARD	BD.		
BOTTOM OF	BDT.		
BOTTOM	BOTT.		
BUILDING	BLDG.		
BUILT-UP ROOF	B.U.R.		
CABINET	CAB.		
CABINET UNIT HEATER	C.U.H.		
CAPACITY	CAP.		
CEILING	CLG.		
CEILING HEIGHT	CLG. HGT.		
CEMENT	CEM.		
CENTER	CTR.		
CENTERLINE	CL		
CERAMIC	CRD.		
CHAIRBOARD	CHB.		
CHANNEL	CH.		
CLOSET	CLOS.		
COLUMN	COL.		
CONFERENCE	CONF.		
CONTROL OR	CONTR.		
CONSTRUCTION JOINT	C.J.		
CONTINUOUS	CONT.		
CONTRACTOR	CONTR.		
CORRIDOR	CORR.		
COURSE / COURSES	COURSE		
DAMP/PROOFING	DAMP.		
DEGREE	DEG.		
DEMOLITION	DEMO.		
DEPARTMENT	DEPT.		
DETAIL	DET.		
DIAMETER	DIA.		
DIMENSION	DIM.		
DISTANCE	DIET.		
DOOR	DR.		
DOUBLE	DBL.		
DOUBLE HUNG	D.H.		
DOWN	DN.		
DOWNPOUT	D.W.S.		
DRAWING	DWG.		
DRINKING FOUNTAIN	D.F.		
EACH	EACH		
ELECTRIC / ELECTRICAL	ELEC.		
ELECTRIC WATER COOLER	E.W.C.		
ELEVATION	ELEV.		
EXISTING FIRE EXTINGUISHER	E.F.E.		
EMERGENCY	EMG.		
EQUAL	EQL.		
EQUIPMENT	EQUIP.		
EXISTING	EXIST.		
EXISTING TO REMAIN	ETR.		
EXPANSION	EXP.		
EXPANSION JOINT	E.J.		
EXTERIOR	EXT.		
EXTERIOR INSULATION	E.I.S.		
FINISH SYSTEM	FIN.		
EQUIPMENT	EQUIP.		
EXISTING	EXIST.		
EXISTING TO REMAIN	ETR.		
EXPANSION	EXP.		
EXPANSION JOINT	E.J.		
FEET, FOOT	FT.		
FINISH, FINISHED	FIN.		
FIRE DAMPER	FD.		
FIRE EXTINGUISHER	FE.		
FIRE RETARDANT	FR.		
FIREPROOFING	FRPG.		
FITTING	FIT.		
FLASHING	FL.		
FLOOR	FLR.		
FLOOR DRAIN	FLD.		
FLOOR FINISH	FLR. FIN.		
FOOTING	FTG.		
FOUNDATION	FDN.		
FURNISH / FURNISHED	FURN.		
FURRED / FURRING	FURR.		
GALVNEE	GA.		
GALVANIZED	GALV.		
GYPSSUM BOARD	GYP.BD.		
HANDRAIL	HR.		
HANDICAPPED	H.C.		
HEIGHT	HGT.		
HIGH POINT	HP.		
HOLLOW METAL	HR.		
HORIZONTAL	HORIZ.		
HOSE BIB	HB.		
INCH OR INCHES	IN. OR *		
INCLUDE / INCLUDING	INCL.		
INFORMATION	INFO.		
INSIDE DIAMETER	I.D.		
INSULATION	INSUL.		
INTERIOR	INT.		
JOINT	JT.		
KICKPLATE	KP.		
LABORATORY	LAB.		
LAVATORY	LAV.		
LIGHTING	LITG.		
MACHINE	MACH.		
MAINTENANCE	MAINT.		
MANUFACTURER	MFR.		
MARKER BOARD	MBD.		

NOTES

GENERAL CONSTRUCTION NOTES

- ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL NATIONAL, STATE, LOCAL CODES & ORDINANCES.
- DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION OF DIMENSIONS FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
- CONTRACT DRAWINGS MAY VARY FROM ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL CORRECT DIMENSIONS OF ALL MATERIALS TO CARRY OUT THE INTENT OF THE CONTRACT DRAWINGS. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD BEFORE ORDERING ANY MATERIALS. CONTRACTOR SHALL NOTIFY ARCHITECT PROMPTLY OF ANY CRITICAL DISCREPANCIES BEFORE PROCEEDING WITH WORK.
- ALL NEW WORK SHALL BE IMPLEMENTED SO AS TO PROVIDE A SMOOTH AND CONTINUOUS SURFACE WITH ALL EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK NECESSARY TO ACHIEVE THIS REQUIREMENT, EVEN THOUGH PROCEDURES ARE NOT DETAILED FOR EACH SPECIFIC CONDITION OR COMBINATION OF CONDITIONS. QUALITY OF WORKMANSHIP, MATERIALS AND FINISHES SHALL BE EQUAL TO THE LEVEL ESTABLISHED FOR SIMILAR CONSTRUCTION, EXCEPT WHERE EXISTING APPEARANCE IS TO BE MATCHED TO ACHIEVE CONTINUITY.
- CUTTING AND PATCHING SHALL BE THE RESPONSIBILITY OF THE TRADE WHOSE WORK RESULTS IN THE NEED FOR CUTTING AND PATCHING UNLESS A SPECIFIC CONTRACTOR IS CALLED OUT ON THE DRAWINGS. ALL HOLES LEFT BY REMOVING MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT, ETC., SHALL BE PATCHED.

GENERAL DEMOLITION NOTES

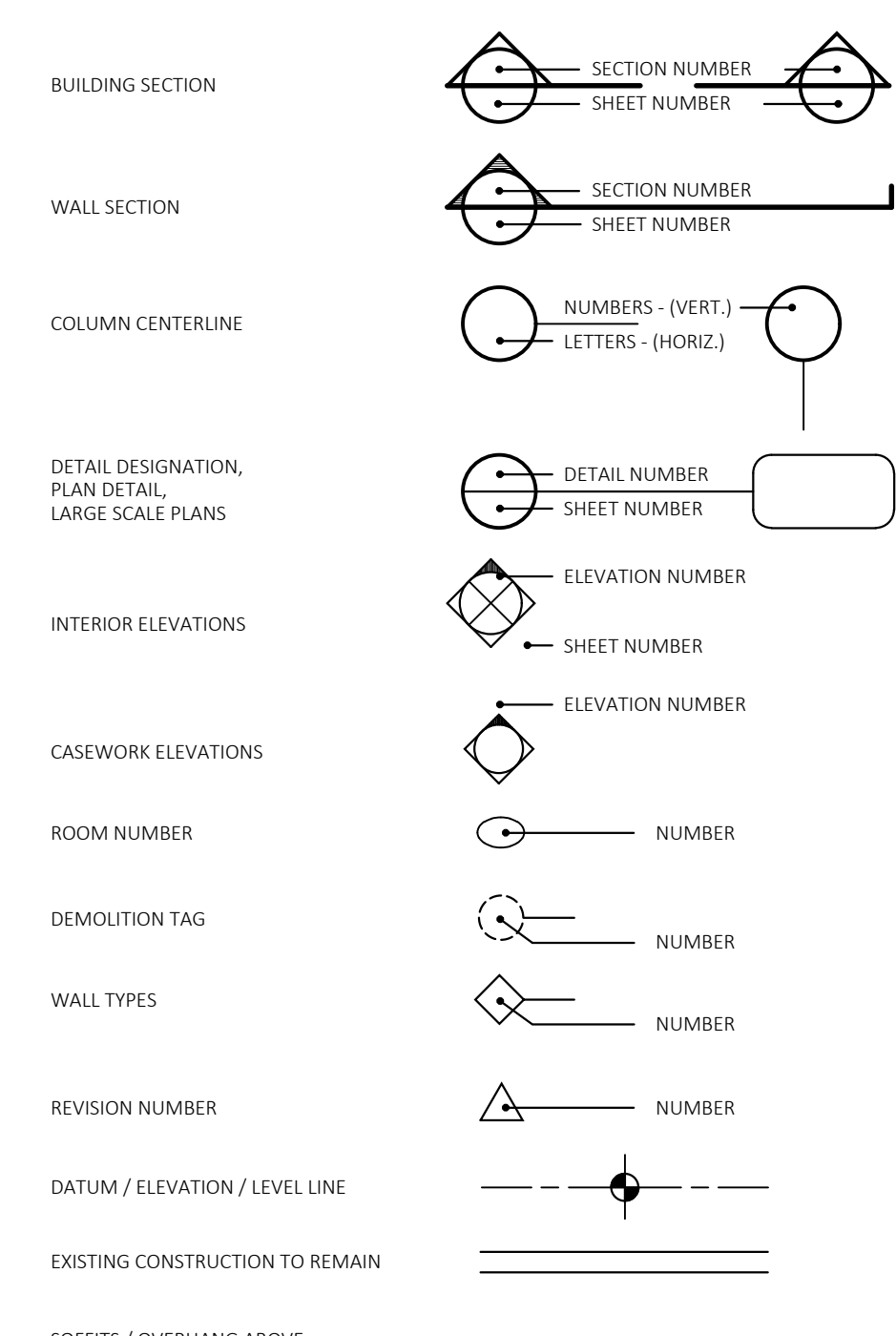
- ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL NATIONAL, STATE, LOCAL CODES & ORDINANCES.
- THE DEMOLITION PLANS ARE DIAGRAMMATIC AND INTENDED TO SHOW THE GENERAL EXTENT OF THE WORK ONLY. THE CONTRACTOR SHALL INCLUDE ALL DEMOLITION WORK REQUIRED TO ACCOMPLISH THE INTENT OF THE PLANS AND SPECIFICATIONS.
- ALL DEMOLISHED ITEMS SHALL BE REMOVED FROM BUILDING / SITE UNLESS NOTED OTHERWISE. COORDINATE WITH OWNER FOR DELIVERY OF ITEMS NOTED TO REMAIN OWNERS PROPERTY. THE PROJECT SITE / BUILDING SHALL BE CLEANED OF DEBRIS ON A DAILY BASIS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND SUPPORT (TEMPORARY OR PERMANENT) FOR ALL PORTIONS OF CONSTRUCTION DURING DEMOLITION AND CONSTRUCTION.
- ALL ABANDONED MECHANICAL / ELECTRICAL / PLUMBING LINES SHALL BE CAPPED OFF BEHIND FINISHES, UNLESS NOTED OTHERWISE. REFER TO MECHANICAL / ELECTRICAL / PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL SAWCUT ALL MASONRY OR CONCRETE OPENINGS INDICATED. MASONRY SHALL BE TOOTHED IN AND / OR RETURNED TO FINISHED OPENING.
- ALL OPENINGS WHERE EXISTING CONSTRUCTION HAS BEEN REMOVED, AND WHICH ARE NOT NOTED TO REMAIN, SHALL BE FILLED AND / OR PATCHED TO MATCH THE ADJACENT EXISTING OR NEW FINISH, INCLUDING ANY FIRE RATINGS REQUIRED.
- ALL AREAS OF FLOORS, WALLS AND CEILINGS DISTURBED BY DEMOLITION SHALL BE FILLED, PATCHED OR OTHERWISE REFINISHED TO MATCH EXISTING OR NEW FINISH AS DESIGNATED, INCLUDING ALL REQUIRED RATINGS.
- CONTRACTOR MUST VERIFY LOCATIONS OF ALL EXISTING STRUCTURAL, MECHANICAL, PLUMBING & ELECTRICAL ELEMENTS PRIOR TO START OF DEMOLITION.

EXISTING BUILDING INFORMATION - WEST WING

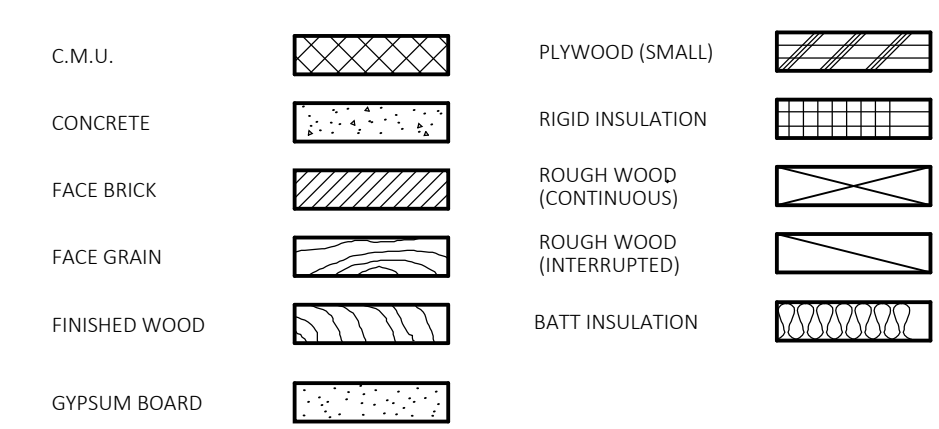
PITCHED ROOF AREA - 9,664 S.F. VERIFY IN FIELD
 FLAT ROOF AREA - 22,790 S.F. VERIFY IN FIELD
 TOTAL WEST WING ROOF AREA - 32,454 S.F. VERIFY IN FIELD
 CURRENTLY THE EXISTING BUILDING DOES NOT HAVE AN AUTOMATIC FIRE SPRINKLER SYSTEM.

SYMBOLS LEGEND

ARCHITECTURAL SYMBOLS



ARCHITECTURAL MATERIALS



ASPHALT SHINGLE ROOF SYSTEM SEE SPECIFICATIONS FOR ROOF TYPE INFORMATION	
INSULATION VALUES	
MATERIAL	R VALUE
EXTERIOR AIR FILM	0.17
ASPHALT SHINGLES	0.44
ROOFING UNDERLAYMENT - 2 LAYERS	0.12
3/4" PLYWOOD SHEATHING	0.77
AIR SPACE	1.00
EXISTING INSULATION	26.40
3/4" PLYWOOD SHEATHING	0.77
INTERIOR CEILING AIR FILM	0.61
TOTAL ASSEMBLY CI PROVIDED	30.28
MIN. CI REQUIRED (per IECC C402.2)	30.00
ROOF ASSEMBLY TYPICAL SECTION	
DRAWING - NOT TO SCALE	

CODE INFORMATION

Date of Original Construction	1966	Roofing	2019
1. GROUP CLASSIFICATION (Primary)	E. Educational	Roof Construction: (existing)	2B 5B
2. CONSTRUCTION TYPE (Chapter 6)		Allowable Height (Chapter 5)	2 STORIES/5.5 FEET
		Actual Height (Chapter 5)	1 STORIES/12 FEET
4. BUILDING AREA (Chapter 5)		Building Area:	
(Total)		Existing Construction	44,518 s.f.
		New Construction	0 s.f.
		Total Floor	44,518 s.f.
5. FIRE-RESISTANCE RATED REQUIREMENTS FOR BUILDING ELEMENTS (Table 603)		1) Structural Frame: including columns, girders, trusses	0 Hr(s)
		2) Bearing Walls:	
		Exterior	0 Hr(s)
		Interior	0 Hr(s)
		3) Nonbearing walls and partitions (Exterior)	see Table 602
		4) Nonbearing walls and partitions (Interior)	0 Hr(s)
		5) Floor Construction (including supporting beams and joists)	0 Hr(s)
		6) Roof Construction (including supporting beams and joists)	0 Hr(s)
6. SPRINKLER PROTECTION		Entire Building	
		None	
7. THRESHOLD BUILDING CONDITIONS		Yes	X No
8. BUILDING AREAS FOR GRANT CALCULATIONS (ENTIRE FACILITY)		EXISTING UNRENOVATED CONSTRUCTION	44,518
		EXISTING RENOVATED CONSTRUCTION	0
		EXISTING BEING DEMOLISHED	0
		TOTAL EXISTING CONSTRUCTION	44,518
		TOTAL NEW CONSTRUCTION	0
		TOTAL FACILITY	44,518
		EXISTING ROOF TO REMAIN	15,900
		EXISTING ROOF TO BE REPLACED	28,600
		TOTAL ROOF - ENTIRE FACILITY	44,500

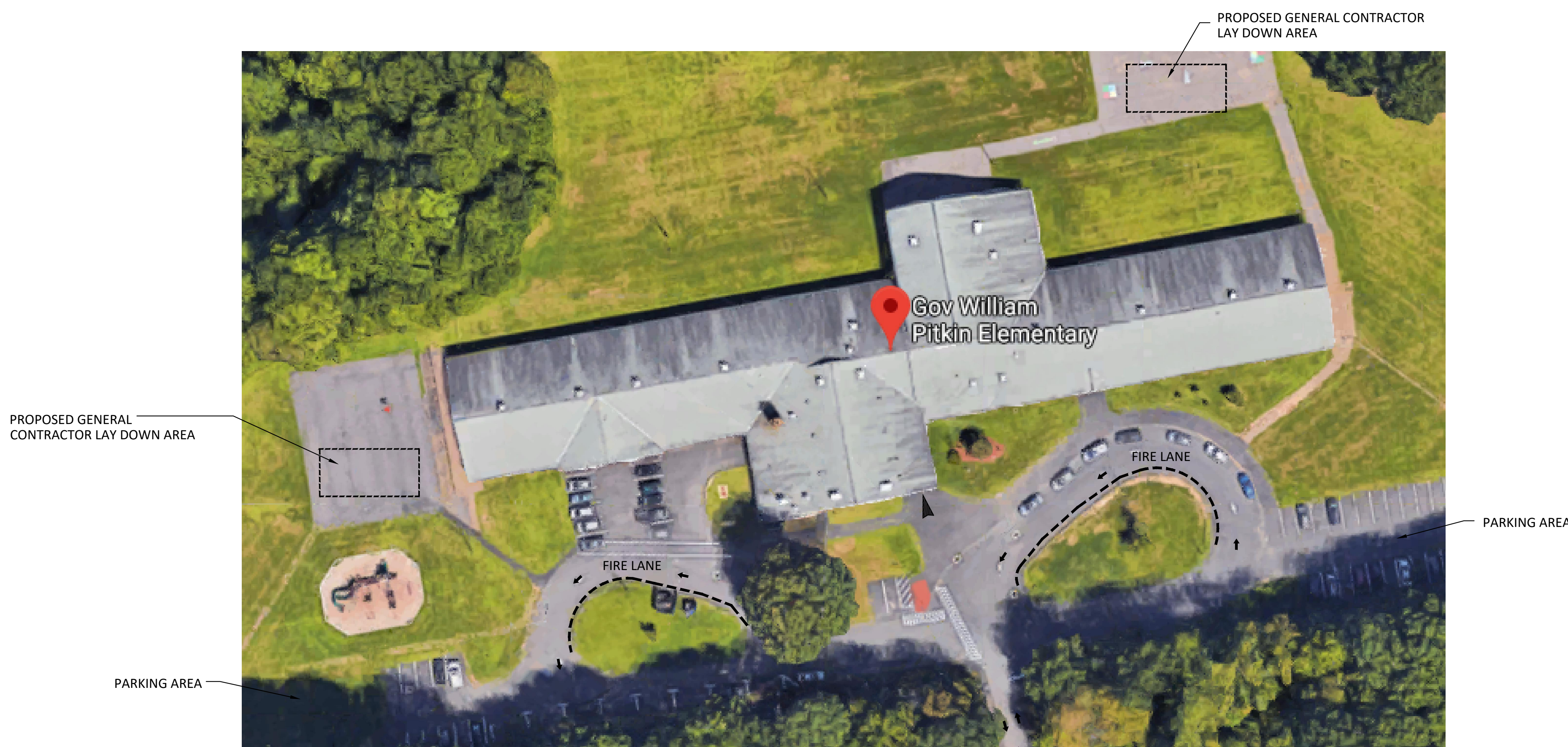
CODE INFO

THE INTERNATIONAL EXISTING BUILDING CODE (IEBC)
 CHAPTER 3: COMPLIANCE METHODS -
 CHAPTER 3: Compliance Methods:
 Work Area Compliance Method per Section 301.1.2
 CHAPTER 5: CLASSIFICATION OF WORK -
 Section 503 Alteration Level 1
 503.1 Scope refers to the removal and replacement or the covering of existing materials (roof replacement). The scope of work area is an Alteration Level 1
 503.2 Application - Level 1 Alterations shall comply with the provisions of Chapter 7: Alterations - Level 1
 The Alteration must comply with Chapter 7:
 Section 701 General - In Particular Section 701.2 Performance.
 Section 702 Building Elements and Materials - In Particular Sections 702.6 Materials and Methods
 Section 706 Roofing - In Particular Sections 706.1 General, which refers to Chapter 15 Construction Safeguards of the IEBC, and Section 706.2 Structural and Construction Loads.
 Section 707 Structural - In Particular Sections 707.1 General, Section 707.3 Additional requirements for roofing permits and Section 707.3.2 Roof diaphragms resisting wind loads in high-wind regions.
 Section 708 Energy Requirements - In Particular Section 708.1 Minimum Requirements
 By complying with the applicable requirements of Chapters 7 of the 2012 International Existing Building Code (IEBC) this alteration shall be considered in compliance.

WIND CODE DATA	
CLIMATE ZONE	5A
RISK CATEGORY (per IBC TABLE 1604.5)	III
DESIGN WIND SPEED (per CT STATE BUILDING CODE)	135 mph
SURFACE ROUGHNESS CATEGORY (per IBC 1609.4.2)	B

APPLICABLE CODES

BUILDING	2018 CONNECTICUT STATE BUILDING CODE WITH CONNECTICUT STATE AMENDMENTS
FIRE SAFETY	2015 CONNECTICUT STATE FIRE SAFETY CODE
ACCESSIBILITY	ICC/ANSI A117.1, 2009 WITH CONNECTICUT STATE AMENDMENTS
PLUMBING	2015 INTERNATIONAL PLUMBING CODE WITH CONNECTICUT STATE AMENDMENTS
MECHANICAL	2015 INTERNATIONAL MECHANICAL CODE WITH CONNECTICUT STATE AMENDMENTS
ENERGY	2015 INT'L ENERGY CONSERVATION CODE WITH CONNECTICUT STATE AMENDMENTS
ELECTRICAL	2017 NFPA 70, NAT'L ELECTRICAL CODE WITH CONNECTICUT STATE AMENDMENTS
EXISTING	2015 INT'L EXISTING BUILDING CODE WITH CONNECTICUT STATE AMENDMENTS



SITE LAYOUT PLAN

DATE: 5/2/19
 DRAWN BY: PEH
 SCALE: AS NOTED
 REVIEWED BY: RWR
 PROJECT NO.: 2018.172E
 AL: Reference Sheet

REVISIONS
 NO. DATE DESCRIPTION
 1 5.1.19 OSCGR REVIEW

REFERENCE SHEET

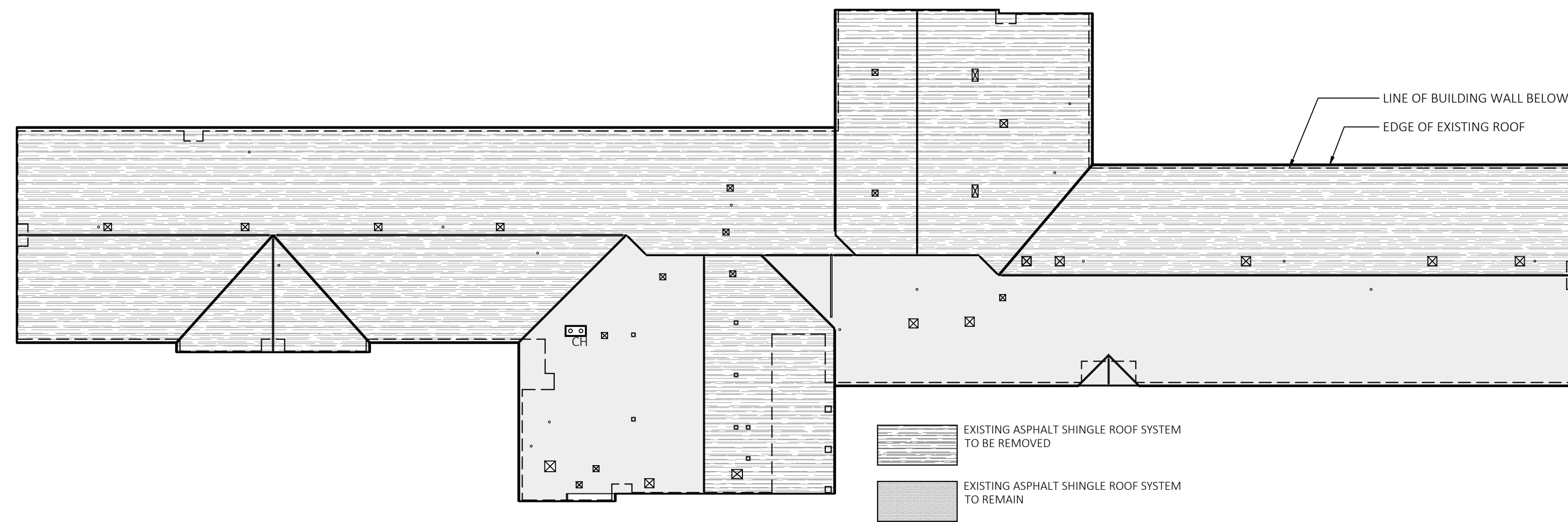
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 EAST HARTFORD, CT 06118

CONSULTANT'S SEAL

ARCHITECT'S SEAL

FRIAR
 21 Talcott Notch Road
 Farmington, CT 06032

SHEET NO. **A1.1**

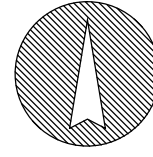


DEMO ROOF KEY PLAN

SCALE: 1/32"=1'-0"

NOTE: REFER TO ROOF PLAN FOR ALL ROOF EQUIPMENT, NOTES, DIMENSIONS & DETAILS, TYPICAL.

PROJECT NORTH

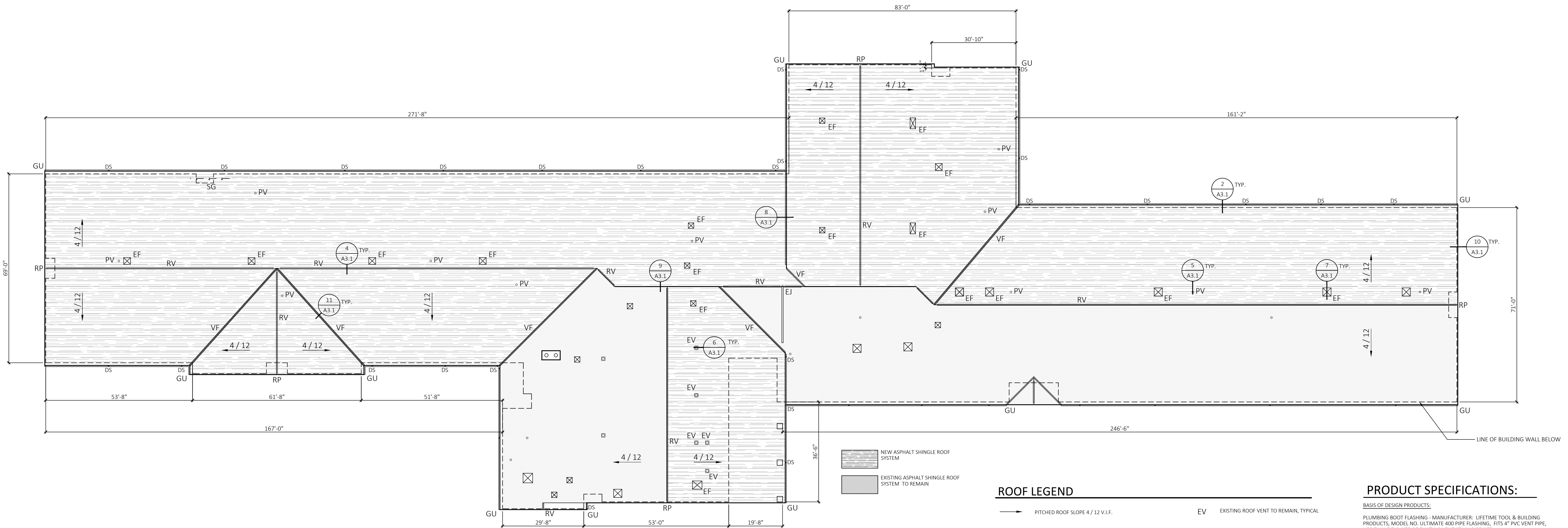


ROOF DEMOLITION TYPICAL NOTES:

- ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL CODES AND ORDINANCES.
- ALL EXISTING PLUMBING VENTS TO REMAIN. REMOVE ASSOCIATED FLASHING FOR INSTALLATION OF NEW PLUMBING VENT FLASHING, EXTEND VENTS AS REQUIRED.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL DEMOLITION WORK.
- ALL ITEMS SCHEDULED FOR DEMOLITION SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING SITE ON A DAILY BASIS.
- CONTRACTOR MUST VERIFY LOCATIONS OF ALL EXISTING STRUCTURAL, MECHANICAL, PLUMBING & ELECTRICAL ELEMENTS PRIOR TO START OF DEMOLITION.
- REMOVE EXISTING FLASHING AT EXHAUST FANS FOR DEMOLITION OF EXISTING ROOF & INSTALLATION OF NEW ASPHALT SHINGLE ROOF SYSTEM. ROOF CURBS ARE TO REMAIN. PROPERLY PROTECT ALL ITEMS SCHEDULED TO REMAIN.
- EXISTING EXPANSION JOINT COVER TO REMAIN. REMOVE EXISTING FLASHING AT EXPANSION JOINT COVER AND INSTALL NEW.
- REMOVE ALL EXISTING METAL ROOF EDGE AND DRIP EDGE METAL FLASHING FOR INSTALLATION OF NEW ROOFING SYSTEM.
- CONTRACTOR TO VERIFY ALL ROOFTOP EQUIPMENT IS CURRENTLY FUNCTIONING BEFORE COMMENCEMENT OF WORK. CONTRACTOR TO NOTIFY THE OWNER OF ANY ABANDONED ROOF TOP EQUIPMENT.
- CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING MECHANICAL, PLUMBING AND ELECTRICAL ITEMS, ELECTRICAL CONNECTIONS, POWER CONNECTIONS AND PLUMBING LINES. REINSTALL ALL ITEMS OR FURNISH AND INSTALL NEW CONNECTIONS REQUIRED FOR FULLY FUNCTIONING SYSTEM.
- ALL EXISTING GUTTERS, DOWNSPOUTS, AND ASSOCIATED CONNECTIONS ARE SCHEDULED TO REMAIN, TYPICAL.

ROOF CONSTRUCTION TYPICAL NOTES:

- ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL CODES AND ORDINANCES.
- DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION OF DIMENSIONS FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
- CONTRACT DRAWINGS MAY VARY FROM ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL CORRECT DIMENSIONS OF ALL MATERIALS TO CARRY OUT THE INTENT OF THE CONTRACT DRAWINGS. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD BEFORE ORDERING ANY MATERIALS. CONTRACTOR SHALL NOTIFY ARCHITECT PROMPTLY OF ANY CRITICAL DISCREPANCIES BEFORE PROCEEDING WITH WORK.
- ALL NEW WORK SHALL BE IMPLEMENTED SO AS TO PROVIDE A SMOOTH AND CONTINUOUS SURFACE WITH ALL EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK NECESSARY TO ACHIEVE THIS REQUIREMENT, EVEN THOUGH PROCEDURES ARE NOT DETAILED FOR EACH SPECIFIC CONDITION OR COMBINATION OF CONDITIONS. QUALITY OF WORKMANSHIP, MATERIALS AND FINISHES SHALL BE EQUAL TO THE LEVEL ESTABLISHED FOR SIMILAR CONSTRUCTION, EXCEPT WHERE EXISTING APPEARANCE IS TO BE MATCHED TO ACHIEVE CONTINUITY.
- CUTTING AND PATCHING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL HOLES LEFT BY REMOVING MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT, ETC. SHALL BE PATCHED WITH LIKE MATERIALS.
- THE EXISTING CONDITION OF THE BUILDING INTERIOR, EXTERIOR AND SITE SHALL NOT BE COMPROMISED DURING & AFTER THE PROJECT COMPLETION DUE TO THE CONSTRUCTION PROCESS AND/OR ANY ASSOCIATED ACTIVITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE EXISTING MECHANICAL, ELECTRICAL & PLUMBING PIPING, CONDUIT, DUCTWORK ETC. DUE TO THE ROOF DEMOLITION AND CONSTRUCTION PROCESS.
- ALL WOOD BLOCKING, PLYWOOD & NAILERS TO BE PRESSURE TREATED.
- ALL WOOD BLOCKING TO BE ANCHORED TO THE EXISTING STRUCTURE.
- CONTRACTOR TO SURVEY EXISTING PLYWOOD SHEATHING PRIOR TO INSTALLATION OF NEW ROOFING SYSTEM TO QUANTIFY THE AMOUNT OF REPLACEMENT REQUIRED. REFER TO ALLOWANCE #1.
- SITE AREAS DISTURBED SHALL BE CLEANED AND/OR REGRADED AND SEEDED AS REQUIRED TO RESTORE ORIGINAL LAWN AND PAVED AREAS.
- SNAKE/CLEAN OUT EXISTING PLUMBING VENT STACKS BEFORE INSTALLATION OF NEW SLEEVES.
- PROTECT ALL EXISTING ANTENNAS, CONDUIT AND ANY OTHER EXISTING ITEMS MOUNTED TO OR ADJACENT TO THE ROOFING SYSTEM. REMOVE AND REINSTALL AS REQUIRED.
- NEW VALLEY FLASHING TO MATCH EXISTING.



ROOF LEGEND

- | | | | |
|------|---|----------|---|
| → | PITCHED ROOF SLOPE 4 / 12 V.L.F. | EV | EXISTING ROOF VENT TO REMAIN, TYPICAL |
| CH | EXISTING BRICK MASONRY CHIMNEY TO REMAIN | EJ | EXISTING EXPANSION JOINT TO REMAIN, TYPICAL |
| PV | EXISTING PLUMBING VENT TO REMAIN. PROVIDE NEW PLUMBING BOOT FLASHING, TYPICAL | RV | NEW ROOF RIDGE VENT, TYPICAL |
| EF | EXISTING EXHAUST FAN TO REMAIN, TYPICAL | VF | NEW VALLEY FLASHING, TYPICAL |
| ○ DS | EXISTING DOWNSPOUT TO REMAIN, TYPICAL | ○ X A3.1 | ROOF DETAIL LOCATION REFER TO SHEET NO. A3.1 FOR ROOF DETAILS |
| — GU | EXISTING GUTTER TO REMAIN, TYPICAL | RP | PEAK OF EXISTING ROOF |

PRODUCT SPECIFICATIONS:

BASIS OF DESIGN PRODUCTS:

PLUMBING BOOT FLASHING - MANUFACTURER: LIFETIME TOOL & BUILDING PRODUCTS, MODEL NO. ULTIMATE 400 PIPE FLASHING, FITS 4" PVC VENT PIPE, VERIFY IN FIELD SIZE OF EXISTING VENT STACK PIPE SIZE.

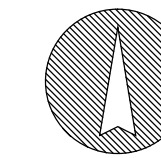
NOTE: ALL FLASHINGS AND ROOFING ACCESSORIES TO BE PER ROOFING MANUFACTURER'S WARRANTY REQUIREMENTS TO MEET SPECIFIED WARRANTY. REFER TO SPECIFICATION SECTION 073113 ASPHALT SHINGLES FOR SPECIFICATION INFORMATION.

ROOF PLAN

SCALE: 1/16"=1'-0"

BASE BID INCLUDE AS PART OF THE BASE BID ALLOWANCE #1 FOR REMOVAL AND REPLACEMENT OF 1,700 S.F. OF PLYWOOD SHEATHING. REFER TO SPECIFICATION SECTION 012100 ALLOWANCES AND BID FORM FOR ALLOWANCE #1.

PROJECT NORTH



DATE:	5/1/19
DRAWN BY:	PEH
SCALE:	AS NOTED
REVIEWED BY:	BWR
PROJECT NO.:	2018.175E
	A2.1 ROOF PLAN

REVISIONS	DESCRIPTION
NO.	DATE
1	5.1.19
	CSGGR REVIEW

ROOF PLAN

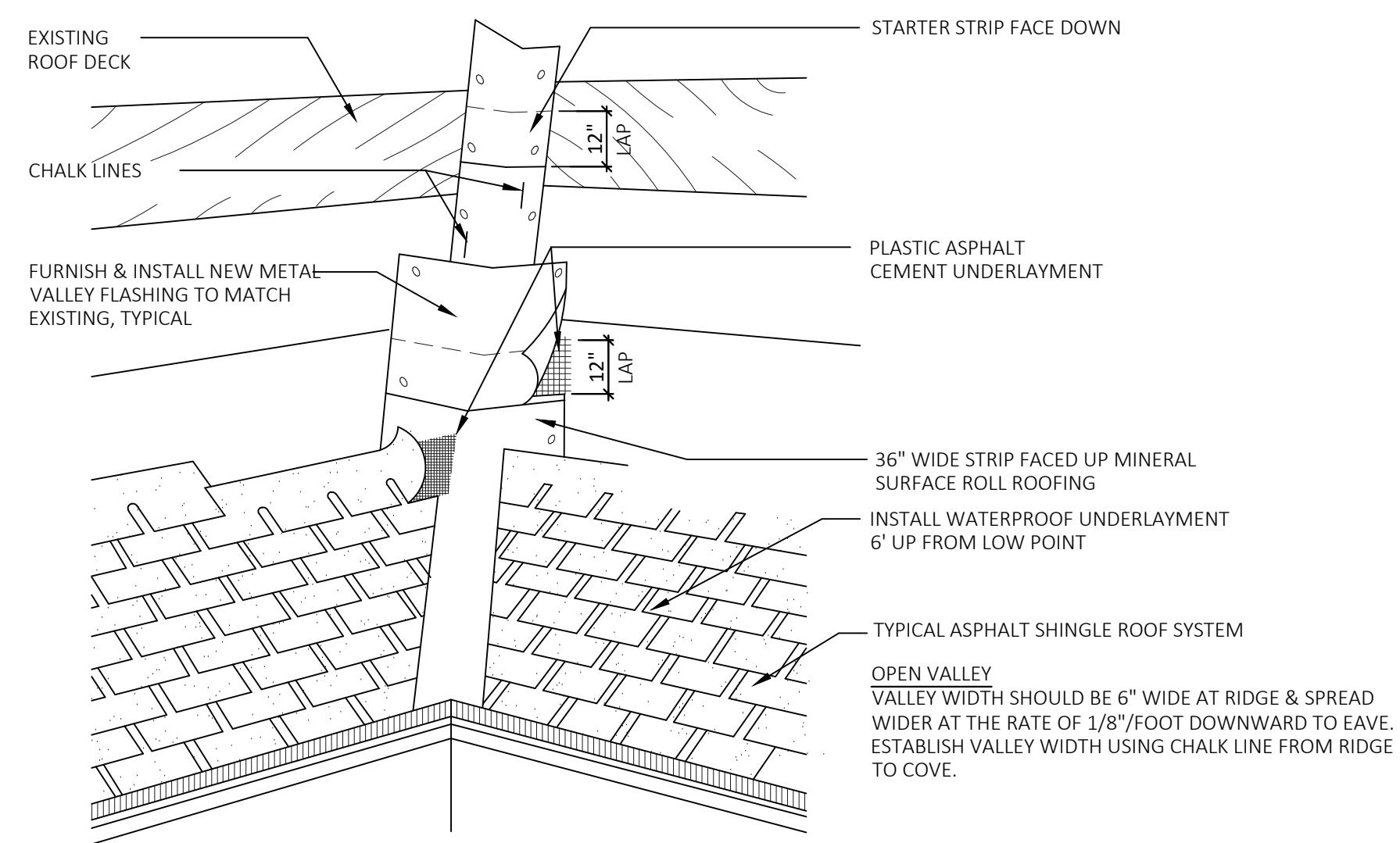
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CONSULTANT'S SEAL

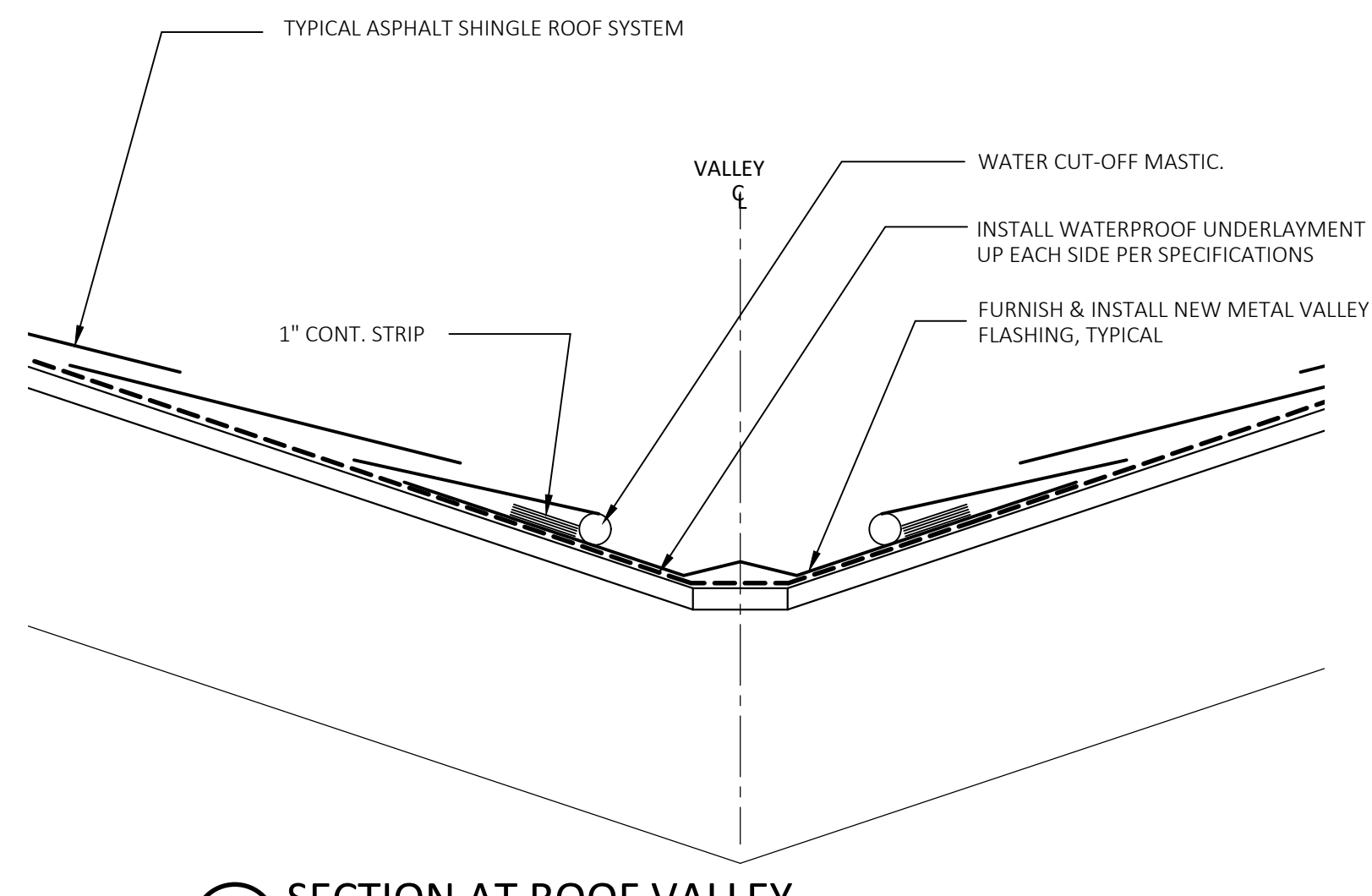
ARCHITECT'S SEAL



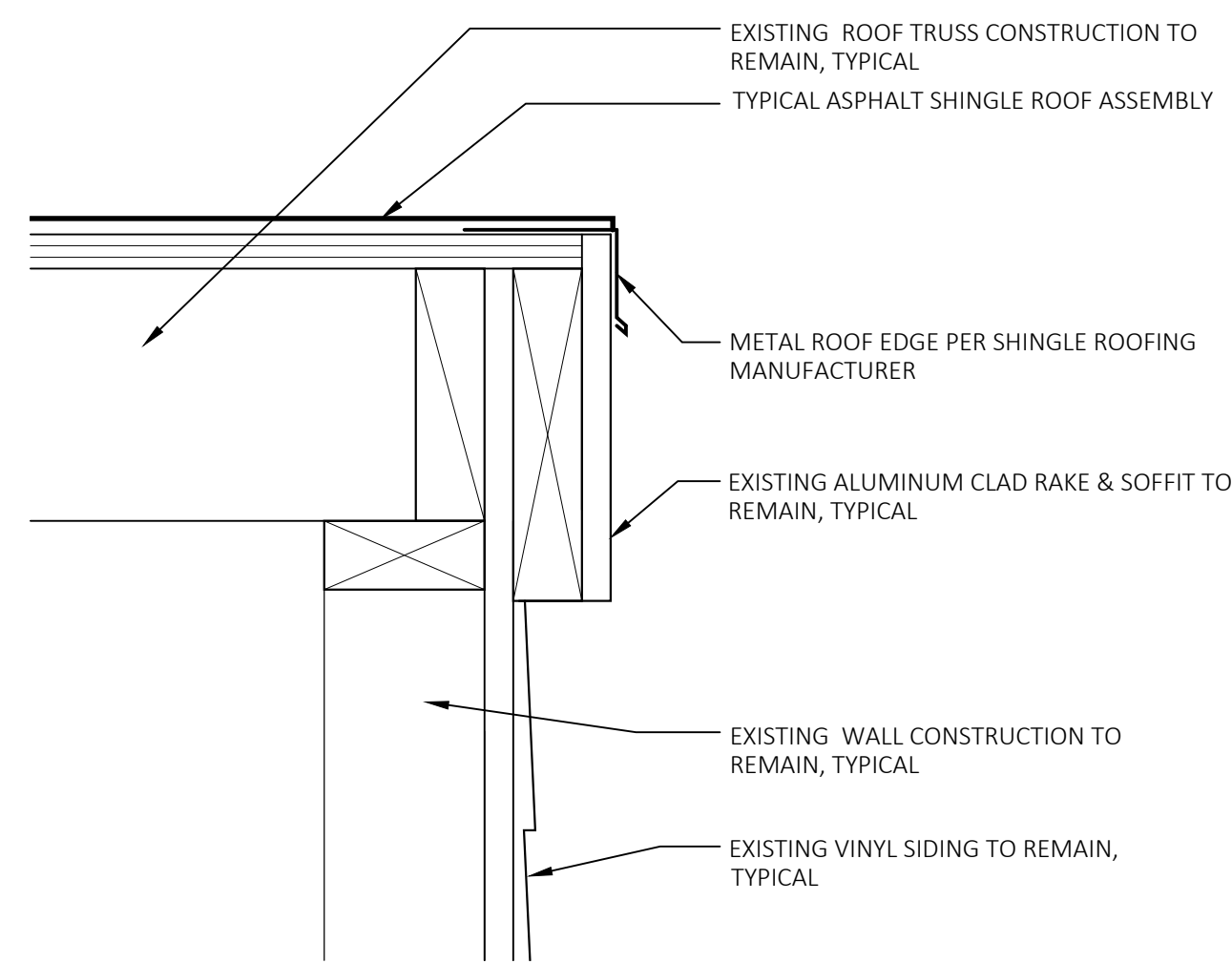
SHEET NO.
A2.1



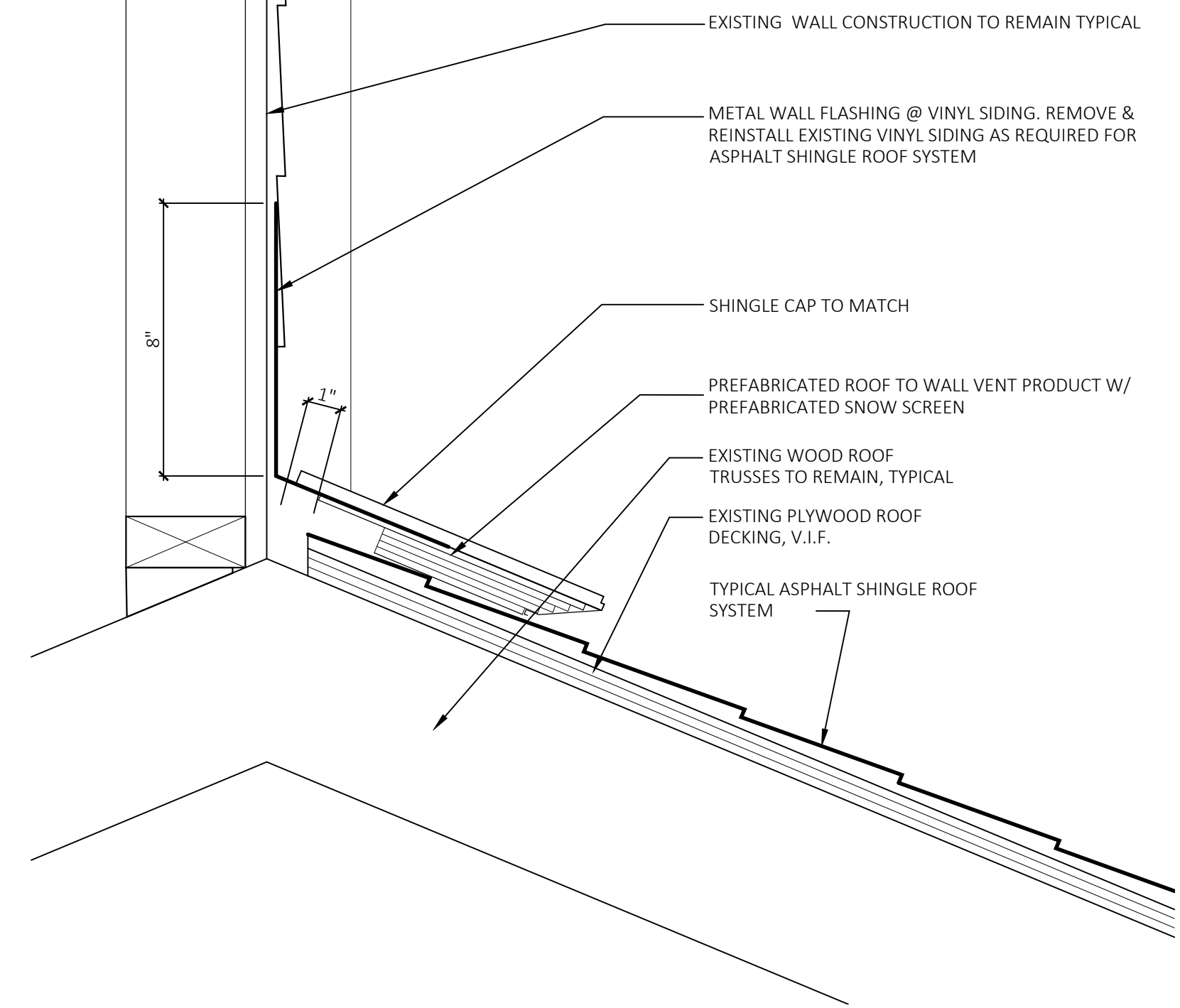
12 ROOF VALLEY DETAIL
SCALE: NOT TO SCALE
REFER TO DETAIL 11/A3.1 FOR ADDITIONAL INFORMATION.



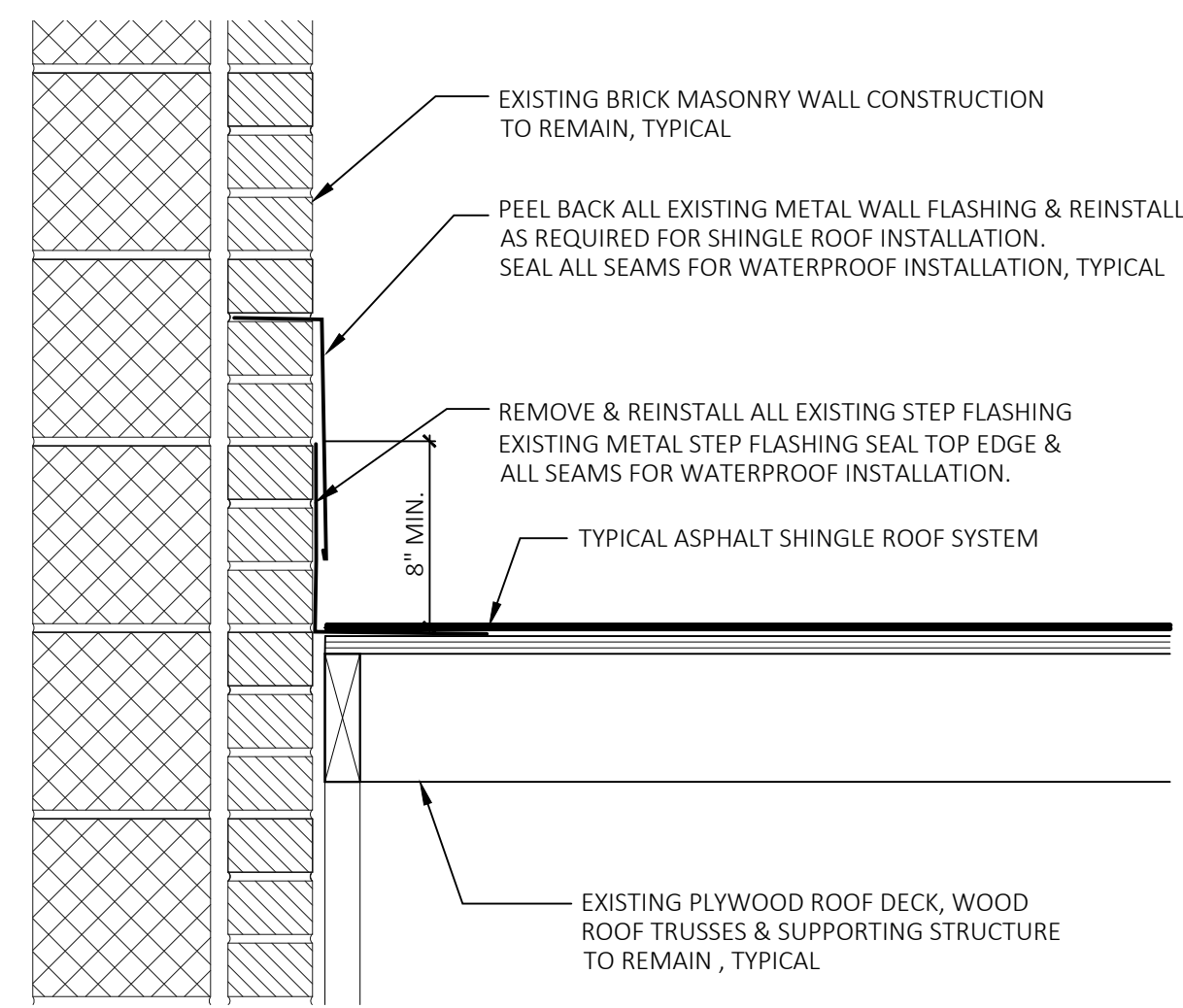
11 SECTION AT ROOF VALLEY
SCALE: NOT TO SCALE



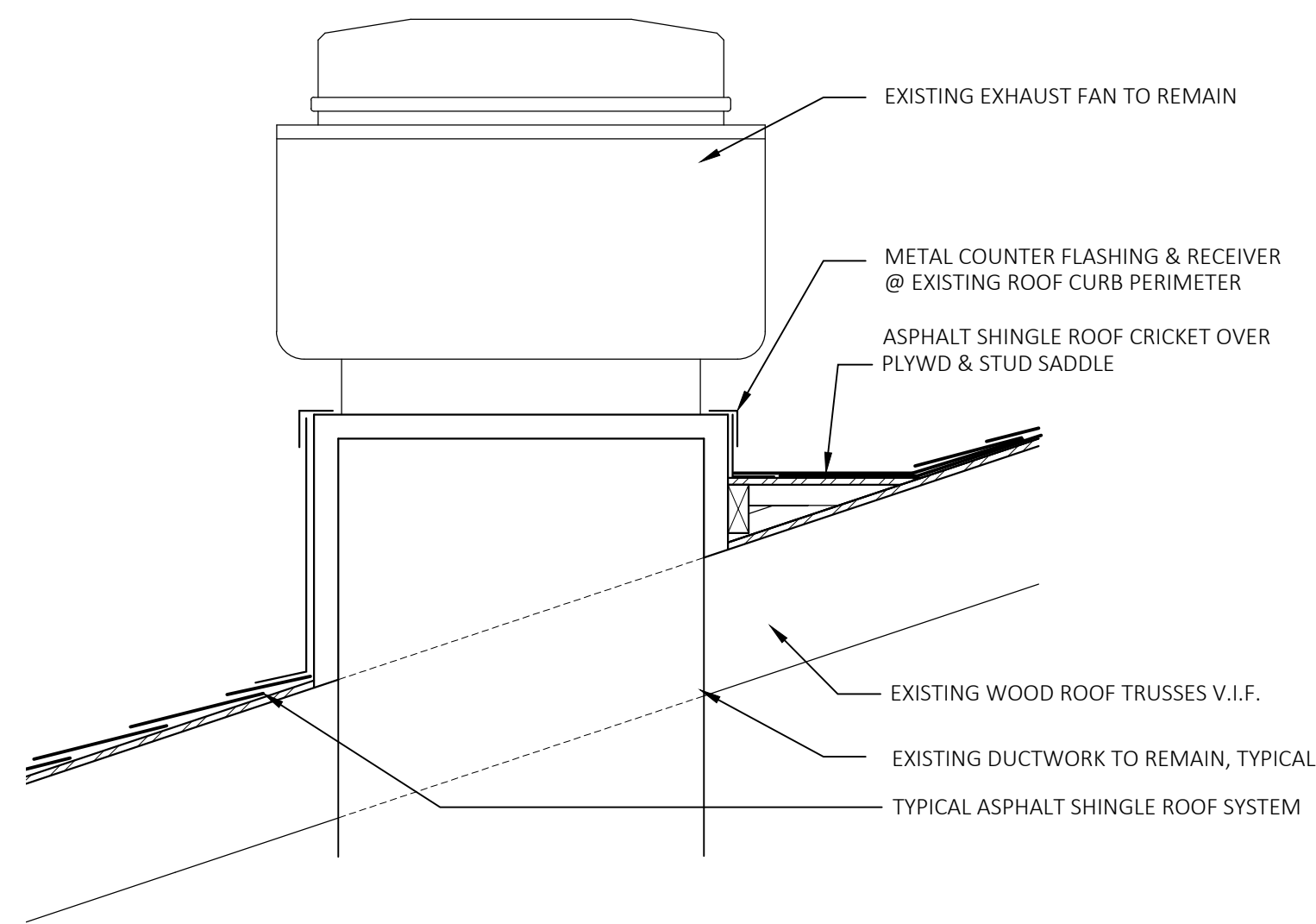
10 ROOF DETAIL AT RAKE
SCALE: NOT TO SCALE



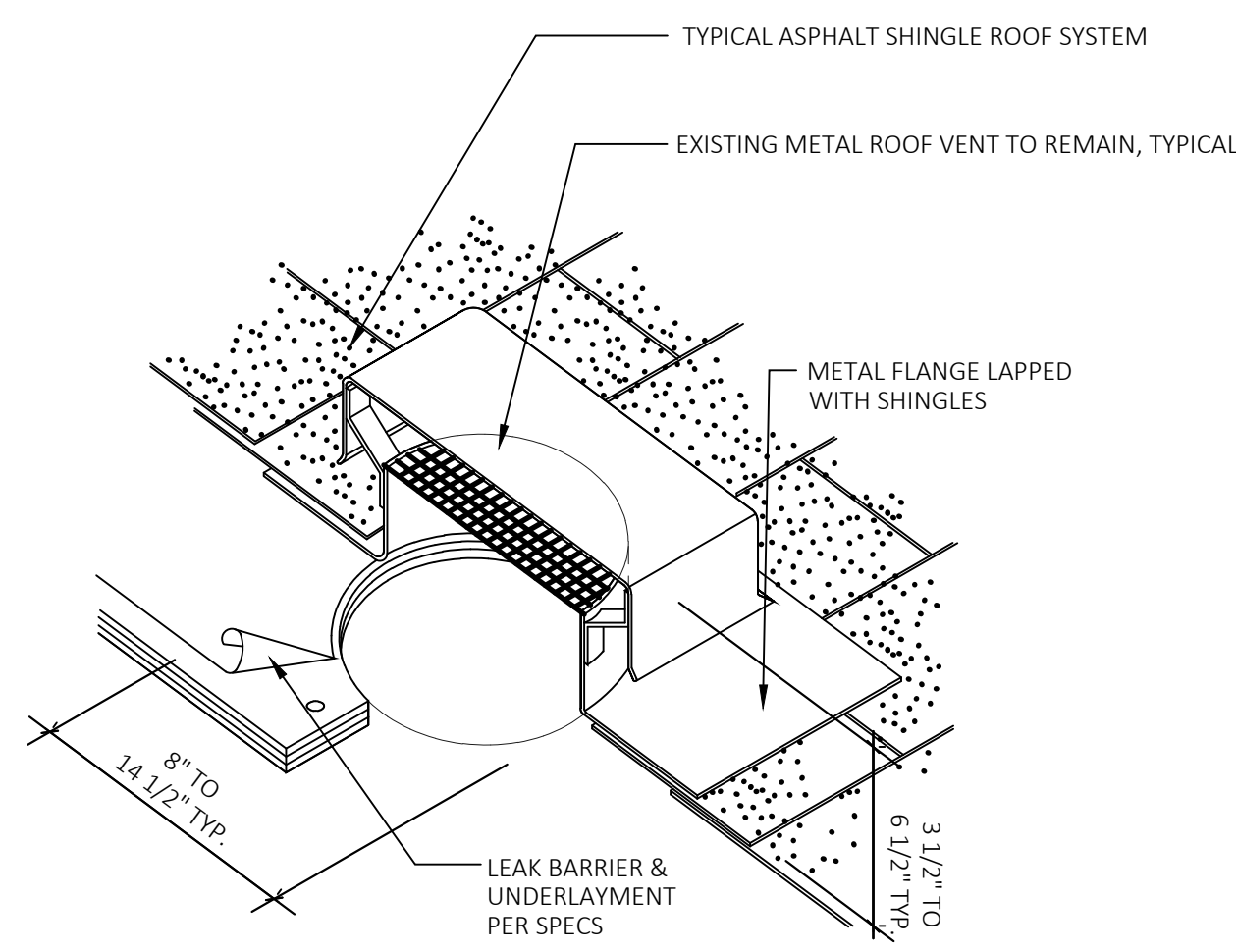
9 ROOF DETAIL AT RAKE
SCALE: NOT TO SCALE



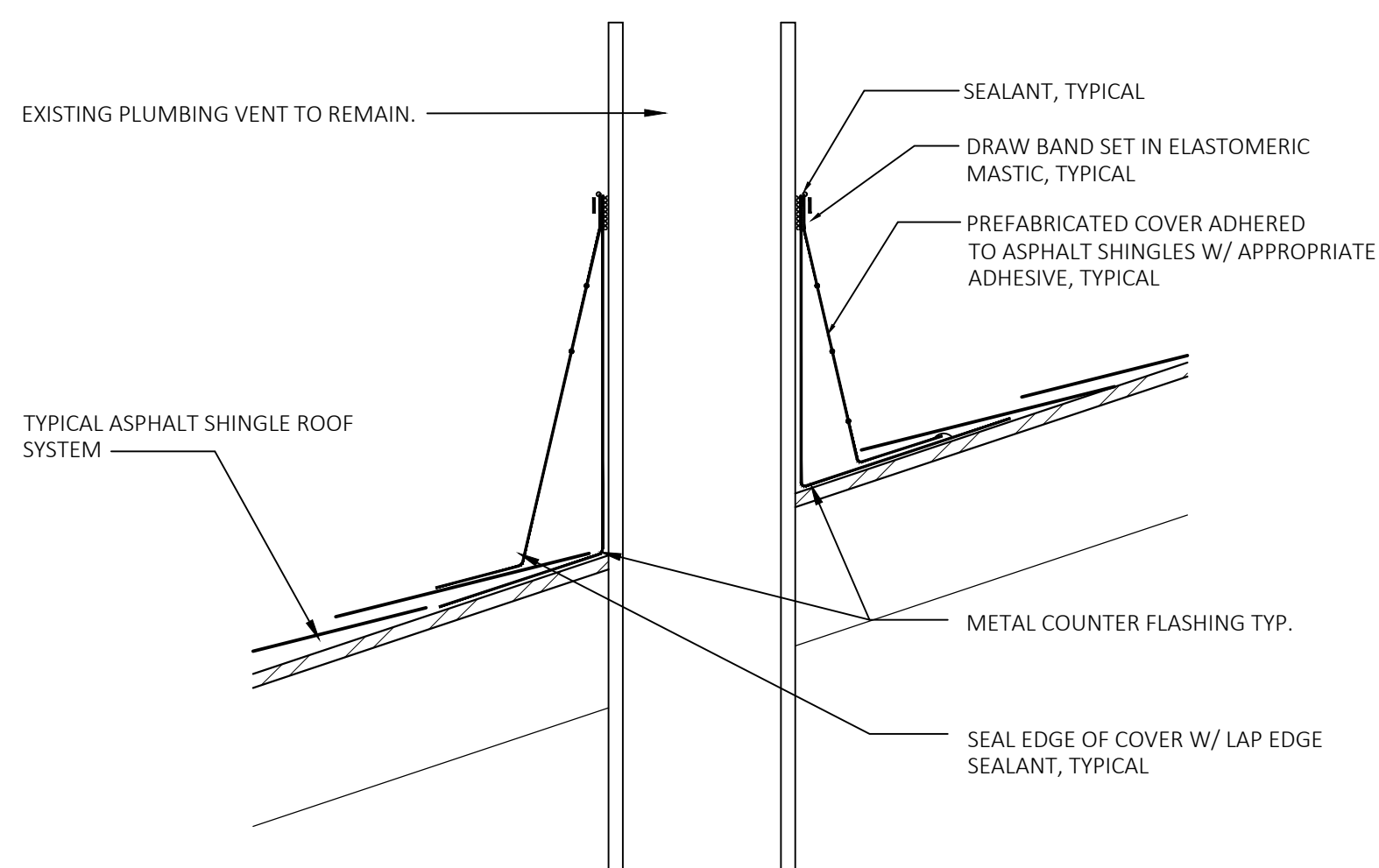
8 MASONRY WALL FLASHING DETAIL
SCALE: NOT TO SCALE



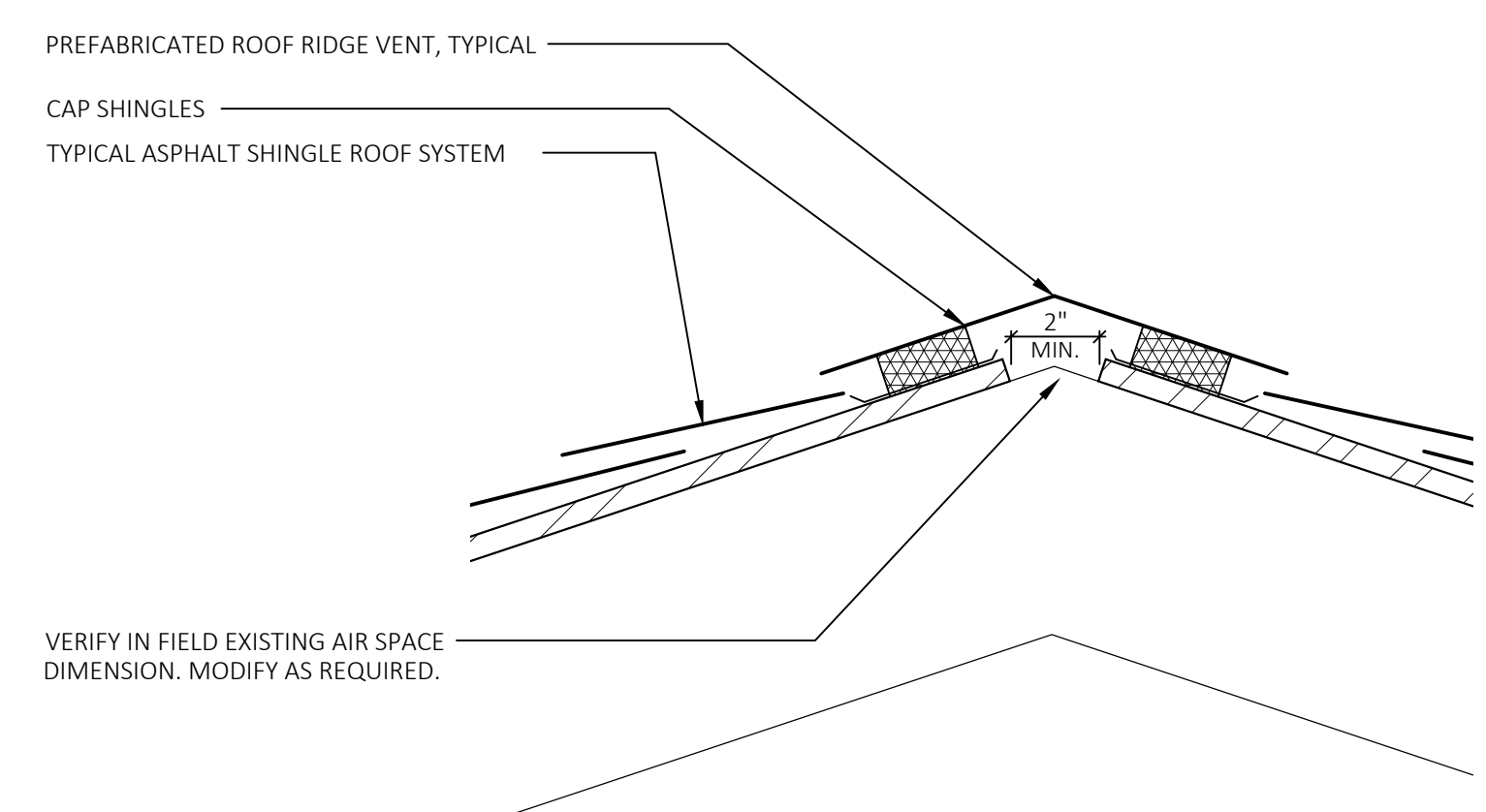
7 ROOF DETAIL AT EXHAUST FAN
SCALE: NOT TO SCALE



6 EXHAUST VENT ROOF DETAIL
SCALE: NOT TO SCALE

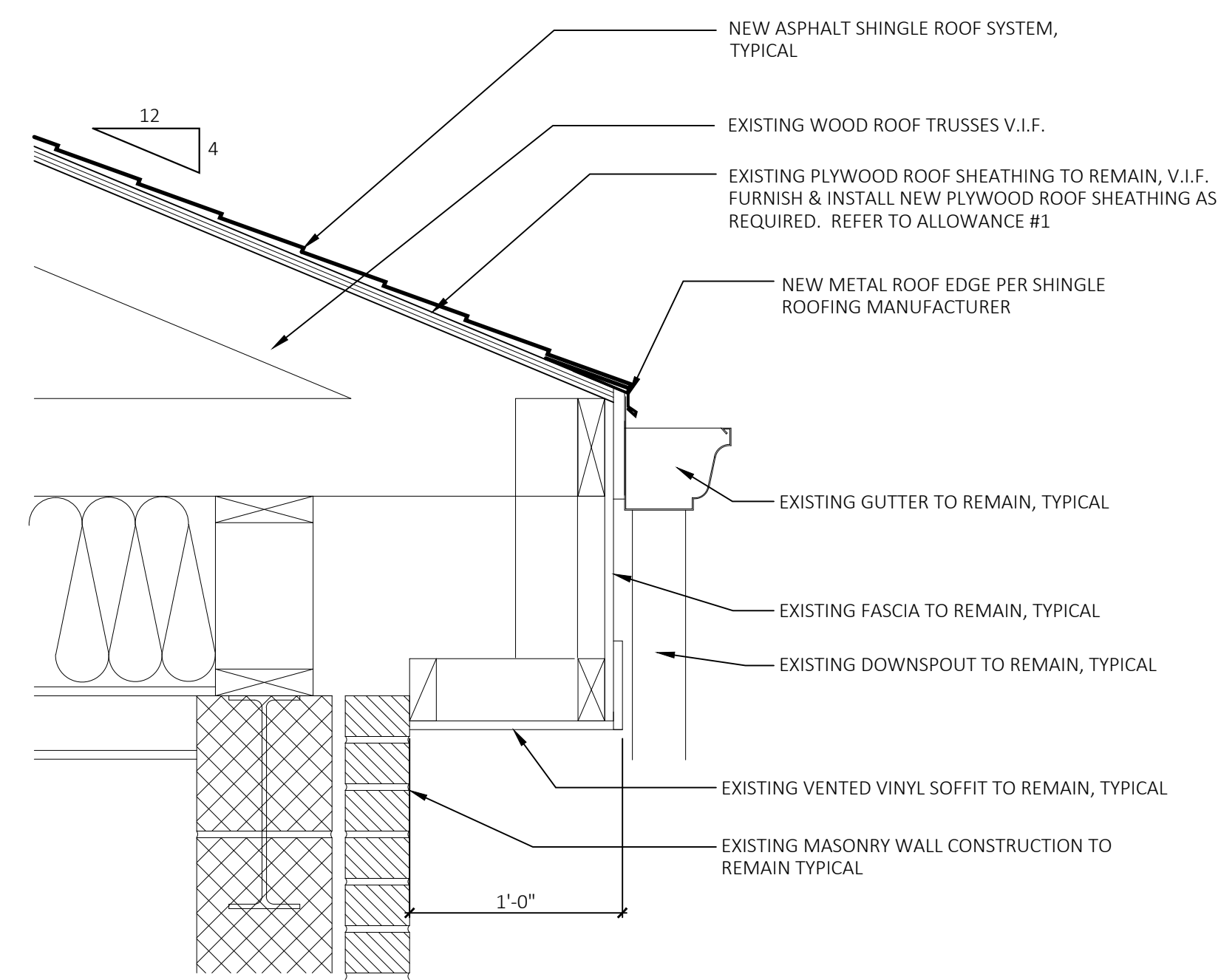


5 PLUMBING VENT FLASHING DETAIL
SCALE: NOT TO SCALE

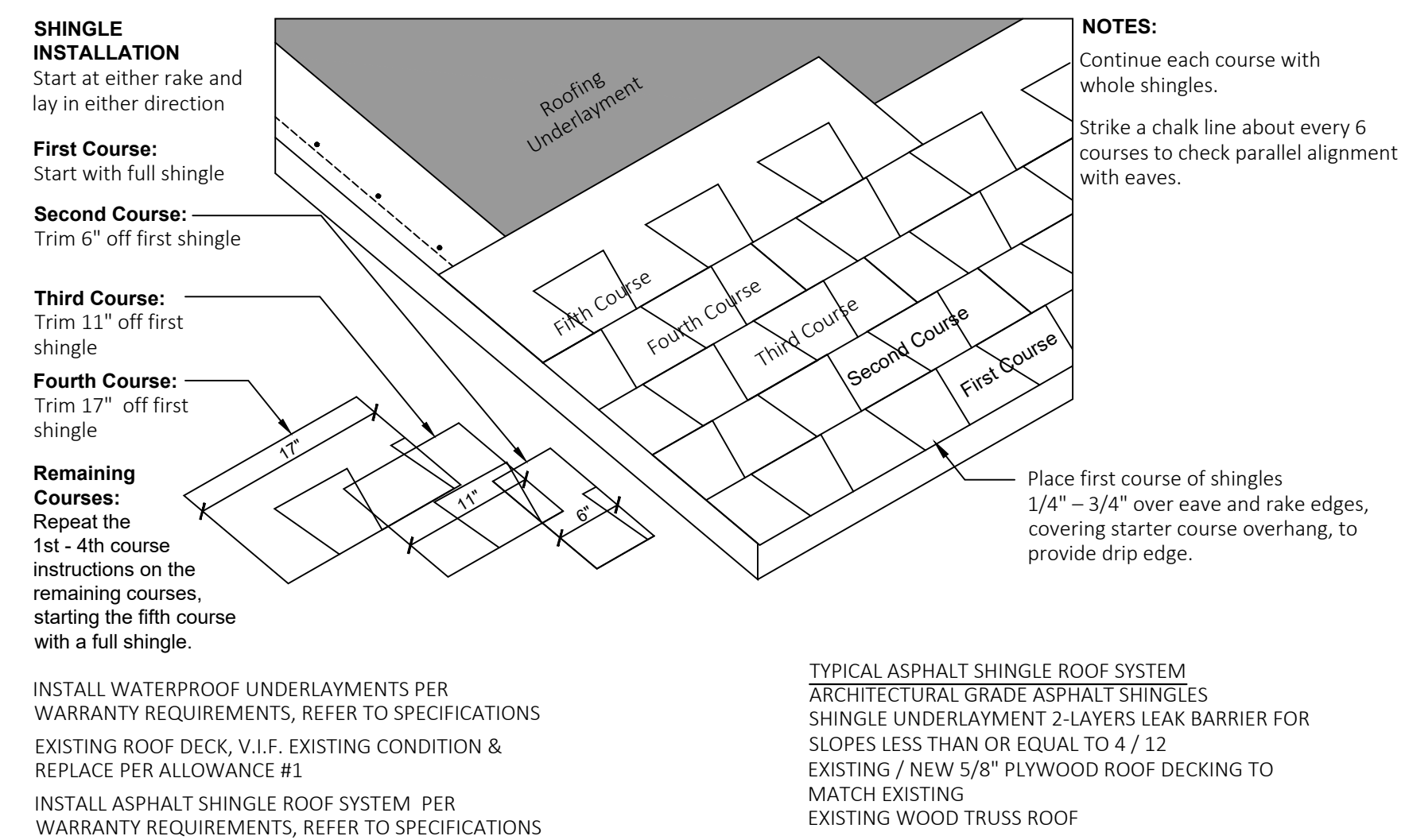


4 RIDGE VENT DETAIL
SCALE: NOT TO SCALE

3 NOT USED
SCALE: NOT TO SCALE



2 ROOF DETAIL AT CORNICE
SCALE: NOT TO SCALE



1 ASPHALT SHINGLE ROOFING SYSTEM
SCALE: NOT TO SCALE

DATE:	5/2/19
DRAWN BY:	PEH
SCALE:	AS NOTED
REVIEWED BY:	RWR
PROJECT NO.:	2018-172E
	A3.1 ROOF DETAILS

NO.	DATE	DESCRIPTION
1	5.1.19	OSCGR REVIEW

ROOF DETAILS

STATE PROJECT NO. 04-03-0241-RR
ROOF REPLACEMENT
 GOV. PITKIN ELEMENTARY SCHOOL
 330 HILLS STREET
 EAST HARTFORD, CT 06118

CONSULTANT'S SEAL

ARCHITECT'S SEAL

