

LYNCHBURG CITY SCHOOLS DUNBAR MIDDLE SCHOOL REROOFING

LYNCHBURG, VIRGINIA

PROJECT NO. 3503

CITY PROJECT NO. YS-725

MARCH 6, 2015

VICINITY MAP



DUNBAR MIDDLE SCHOOL
1200 - 1208 POLK STREET
LYNCHBURG, VA 24504



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LYNCHBURG CITY SCHOOLS
DUNBAR MIDDLE SCHOOL
REROOFING

LYNCHBURG, VIRGINIA

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ABBREVIATIONS

ABV	above	FCU	fan coil unit	PR	pair
AFF	above finish floor	FEC	fire extinguisher cabinet	PRIM	perimeter
ACT	acoustical tile	FA	fire alarm	PLAS	plaster
ACC	acoustic (al)	FLASH	flashing	PLAM	plastic laminate
ADJ	adjacent	FLR	floor (ing)	PL	plate
AHU	air handling unit	FD	floor drain	PLYWD	plywood
ALUM	aluminum	FLUOR	fluorescent	PVC	polyvinyl chloride
AB	anchor bolt	FRP	fiber glass reinforced panel	PCF	pounds per cubic foot
APPROX	approximate	FT	foot or feet	PFL	pounds per lineal foot
AD	area drain	FTG	footing	PSF	pounds per square foot
BRG	bearing	GA	gauge	PSI	pounds per square inch
BEL	below	GALV	galvanized	PC	precast
BLDG	building	GC	general contract (contractor)	QT	quarry tile
BLK	block	GL	glass/glazing	R	riser
BLKG	blocking	GLB	glass block	RA	return air
BD	board	GCMU	glazed concrete masonry unit	RAD	radius
BM	beam	GR	grade	RD	roof drain
BOTT	bottom	GFCMU	ground face CMU	RCP	reinforced concrete pipe
BRK	brick	GPDW	gypsum drywall	REF	reference (refer)
B/T	between	HDW	hardware	RECEP	receptacle
BUR	built up roofing	HTG	heating	RF	reflect (ed)
BW	bottom of wall	HVAC	heating ventilating air conditioning	REFR	refrigerator
CPT	carpet	HGT	height	REIN	reinforced
CI	cement board	HM	hollow metal	REQ	required
CB	center	HORZ	horizontal	RESIL	resilient
CLG	ceiling	HB	hose bib	RH	right hand
CTR	center	HR	hour	RM	round
CT	ceramic tile	INCL	include	RL	rain leader
CIR	circle	ID	inside diameter	RO	rough opening
CLR	clear (ance)	INSUL	insulation	SACT	suspended acoustical ceiling tile
CLOS	closet	INT	interior	SCHED	schedule
COL	clean out	JAN	janitor closet	SFCMU	split face CMU
COL	column	JT	joint	SLNT	sealant
COMP	composition	JT	joint	SECT	section
CONC	concrete	KIT	kitchen	SHT	sheet
CMU	concrete masonry unit	LAM	laminated	SGFT	structural glazed facing tile
CONST	construction	LAV	lavatory	SIM	similar
CONT	continuous or continue	LH	left hand	SC	solid core
CLL	contract limit line	L	length	S	south
CJ	control joint	LI	light	SPEC	specification
CORR	corridor	LT WT	light weight	SO	square
CRS	course (s)	LF	linear foot	STD	standard
CF	cubic feet	LL	live load	STC	sound transmission class
CY	cubic yard	MH	manhole	STL	steel
DEPT	department	MFR	manufacturer	STOR	storage
DTL	detail	MAS	masonry	STRUCT	structure
DIAM	diameter	MO	masonry opening	SYM	symmetry (ical)
DIM	dimension	MTL	metal	SUSP	suspended
DISP	dispenser	MAX	maximum	SYS	system
DIV	division	MECH	mechanical	TEL	telephone
DR	door	MED	medium	TV	television
DBL	double	MBR	member	TEMP	tempered
DH	double hung	MATL	material	TER	terrazzo
DS	downspout	M	meter	THR	thick
DWG	drawing	MM	millimeter	THR	threshold
DF	drinking fountain	MIN	minimum	T&G	tongue and groove
EA	each	MIR	mirror	TC	top of curb
E	east	MISC	miscellaneous	TP	top of pavement
ELEC	expansion joint	MOD	modular	TREAD	tread
ELEC	electric (al)	MTD	mounted	TOW	top of wall
EWC	electric water cooler	NAT	natural	TWF	through wall flashing
ELEV	elevation	NRC	noise reduction coefficient	TYP	typical
EMER	emergency	NOM	nominal	UC	undercut
ENCL	enclosure	N	north	UNF	unfurnished
EQUIP	equipment	NIC	not in contract	UNO	unless noted otherwise
EST	estimate	NTS	not to scale	UR	urinal
EXH	exhaust	NO	number	VB	vapor barrier
EXIST	existing	O/	over	VERT	vertical
(E)	existing dimension	OC	on center	VEST	vestibule
EXP	exposed	OFF	office	VCT	vinyl composite tile
EXT	exterior	OPNG	opening	VWC	vinyl wall covering
EIFS	exterior insulation finish system	OPP	opposite	WH	wall hydrant
FCC	face of concrete	OPHSJ	open web steel joist	WP	waterproofing
FOM	face of masonry	OD	outside diameter	WWF	welded wire fabric
FOS	face of studs	OA	overall	W	west
FF	finish floor	OH	overhead	WT	weight
FIN	finish (ed)	PT	pressure treated	WN	window
FIXT	fixture	PTD	painted	W/	with
		PVMT	pavement	W/O	without
				WD	wood

SYMBOLS

DRAWING TITLE		DRAWING NUMBER	PLAN
BUILDING ELEVATION		DRAWING SCALE	1/8" = 1'-0"
BUILDING/WALL SECTION		SHEET NUMBER	A1
DETAIL		DRAWING NUMBER	A1
ELEVATION DATUM		SHEET NUMBER	A1

MATERIALS

	EXISTING CONSTRUCTION
	CONCRETE
	SAND/MORTAR/ GROUT/PLASTER
	BRICK (COMMON OR FACE)
	CMU
	STEEL
	WOOD FRAMING
	WOOD BLOCKING
	PLYWOOD
	BATT INSULATION
	RIGID INSULATION
	ACOUSTIC CEILING TILE

LIST OF DRAWINGS

CS1.1	Cover Sheet
D1.1	Demolition Roof Plan
A1.1	Overall Roof Plan
A1.2	Partial Roof Plan - New Work
A1.3	Partial Roof Plan - New Work
A1.4	Roof Details
A1.5	Roof Details

APPLICABLE CODES

1. 2009 EDITION OF THE "IBC" THE INTERNATIONAL BUILDING CODE AS ADOPTED AND MODIFIED BY THE COMMONWEALTH OF VIRGINIA MARCH 1, 2011.

NOTE:

THESE CONSTRUCTION DOCUMENTS ARE BASED ON THE INFORMATION INCLUDED ON THE FOLLOWING DRAWINGS:
DUNBAR HIGH SCHOOL FOR THE SCHOOL BOARD OF LYNCHBURG, VA JANUARY 1954
DUNBAR MIDDLE SCHOOL FOR INNOVATION PHASE IV - 1997 MARCH 7, 1997
THERE MAY BE SOME VARIATIONS TO THE INFORMATION SHOWN ON THESE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFICATION OF THE DETAILS TO ACCOUNT FOR THE VARIATIONS DISCOVERED IN THE FIELD.

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3503
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MARCH 6, 2015

REVISIONS:

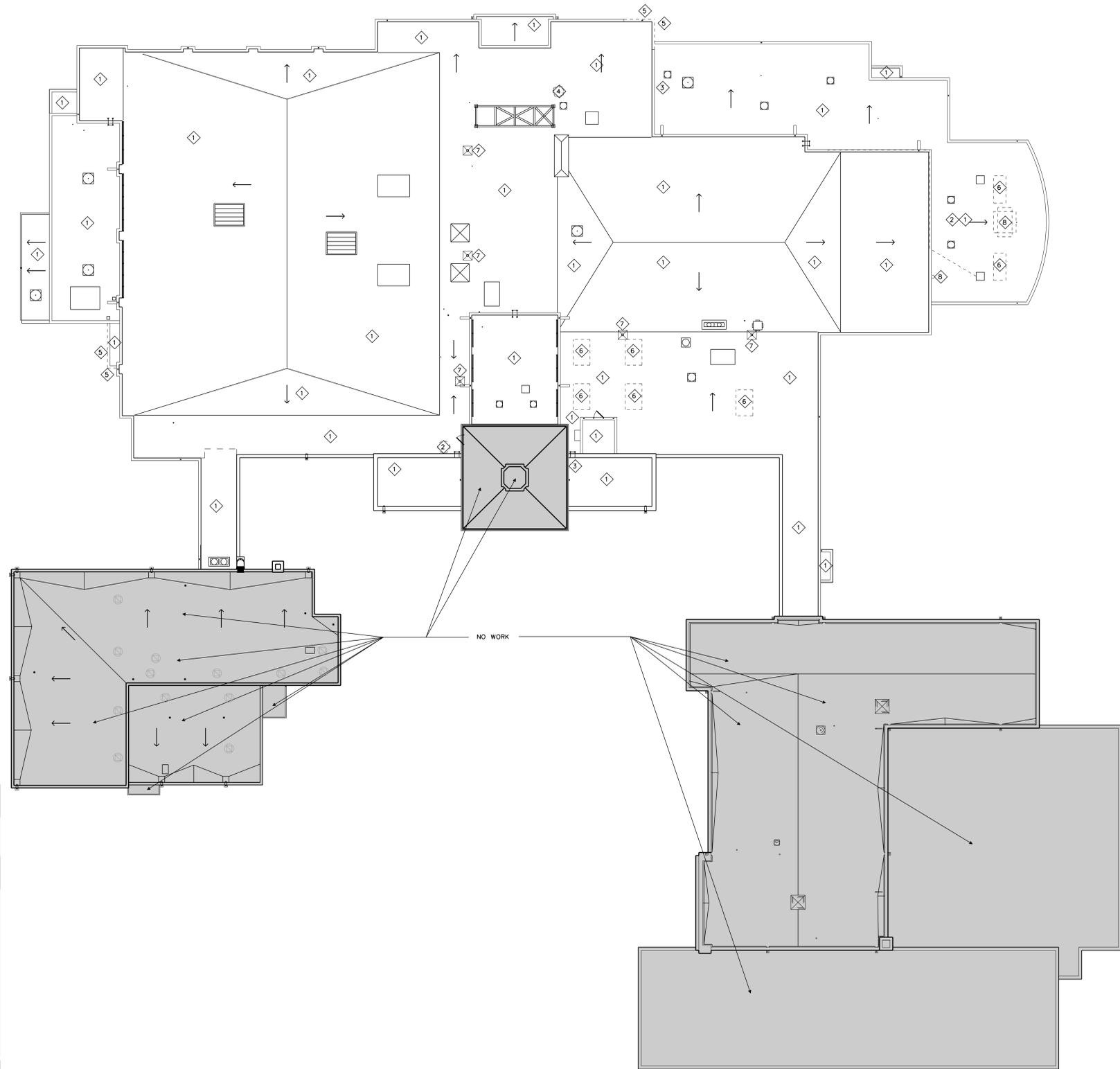
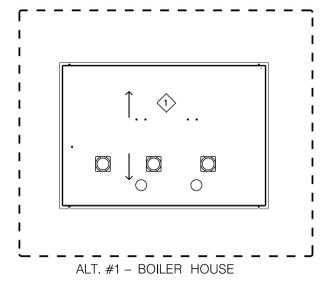
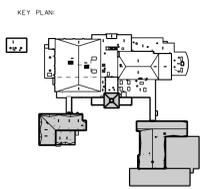
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SHEET TITLE:
COVER SHEET

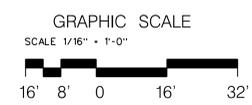
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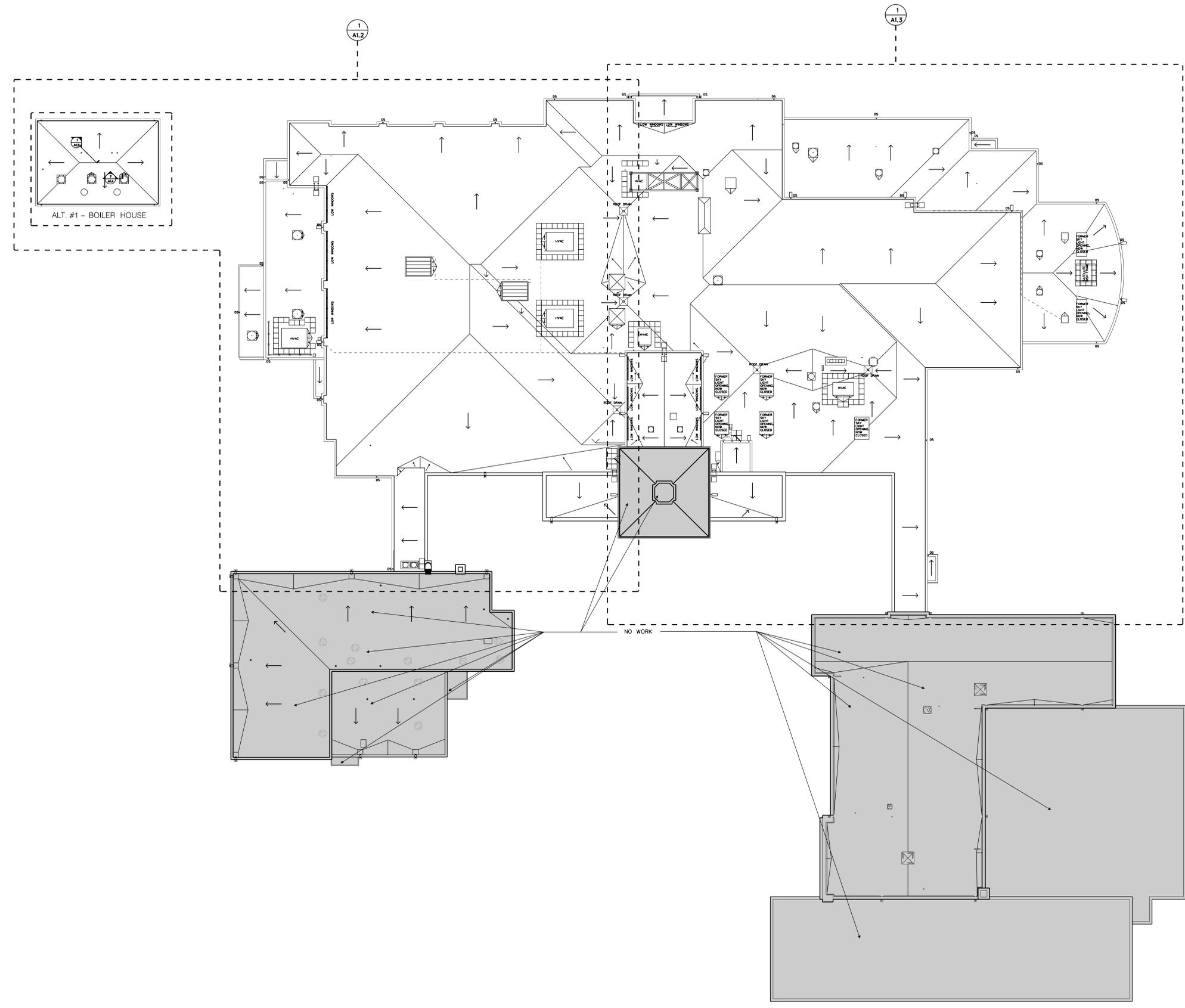
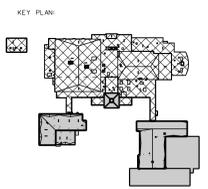


GENERAL DEMOLITION NOTES
1. ALL HVAC EQUIP TO REMAIN. 2. ALL PLUMBING VENTS AND ROOF DRAINS TO REMAIN.
DEMOLITION KEYNOTES
① REMOVE EXISTING BUILT UP ROOF SYSTEM AND INSULATION DOWN TO EXISTING CONCRETE, GYPSUM OR METAL ROOF DECK. ② REMOVE DEBRIS ON ROOF AND DISPOSE OF OFF OWNER'S PROPERTY. ③ REMOVE CHAIR FROM ROOF AND DISPOSE OF OFF OWNER'S PROPERTY. ④ REMOVE INTAKE COVER FROM ROOF AND DISPOSE OF OFF OWNER'S PROPERTY. ⑤ DEMOLISH DASHED PORTION OF GUTTER. ⑥ REMOVE EXISTING METAL AT FORMER SKYLIGHT OPENING. ⑦ REMOVE EXISTING CLAMPING RING AND DISCARD. ⑧ REMOVE SATELLITE AND DISPOSE OF OFF OWNER'S PROPERTY. CONTRACTOR TO VERIFY WITH OWNER PRIOR TO REMOVAL.
ASBESTOS CONTAINING ROOF MATERIAL
THE EXISTING ROOFING MATERIALS HAVE BEEN TESTED AND FOUND NOT TO CONTAIN ANY ASBESTOS CONTAINING MATERIAL.

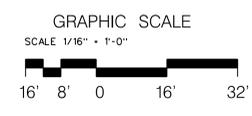
**DEMOLITION
ROOF PLAN**
1
D1.1 1/16" = 1'-0"



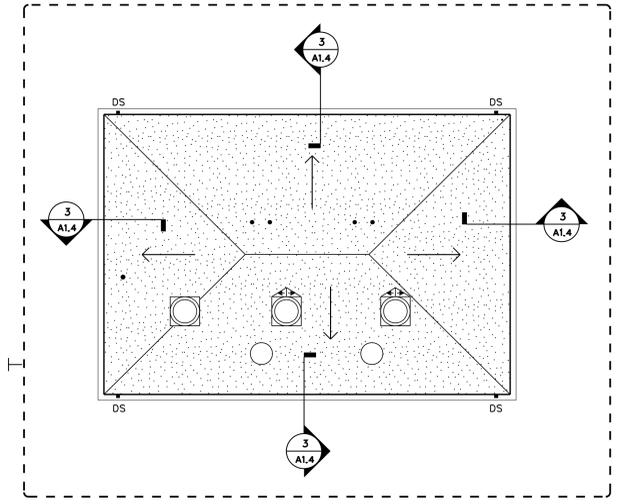
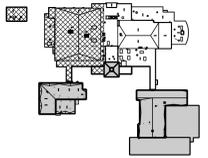
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1
A1.1
**OVERALL
ROOF PLAN**
1/16" = 1'-0"



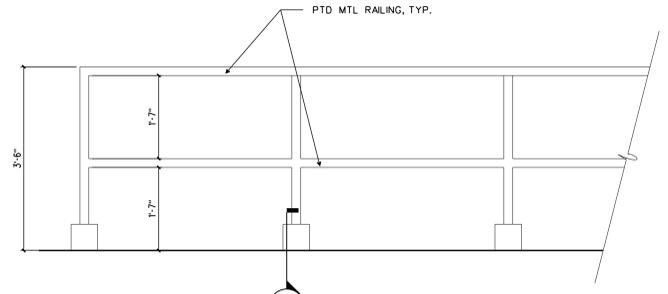
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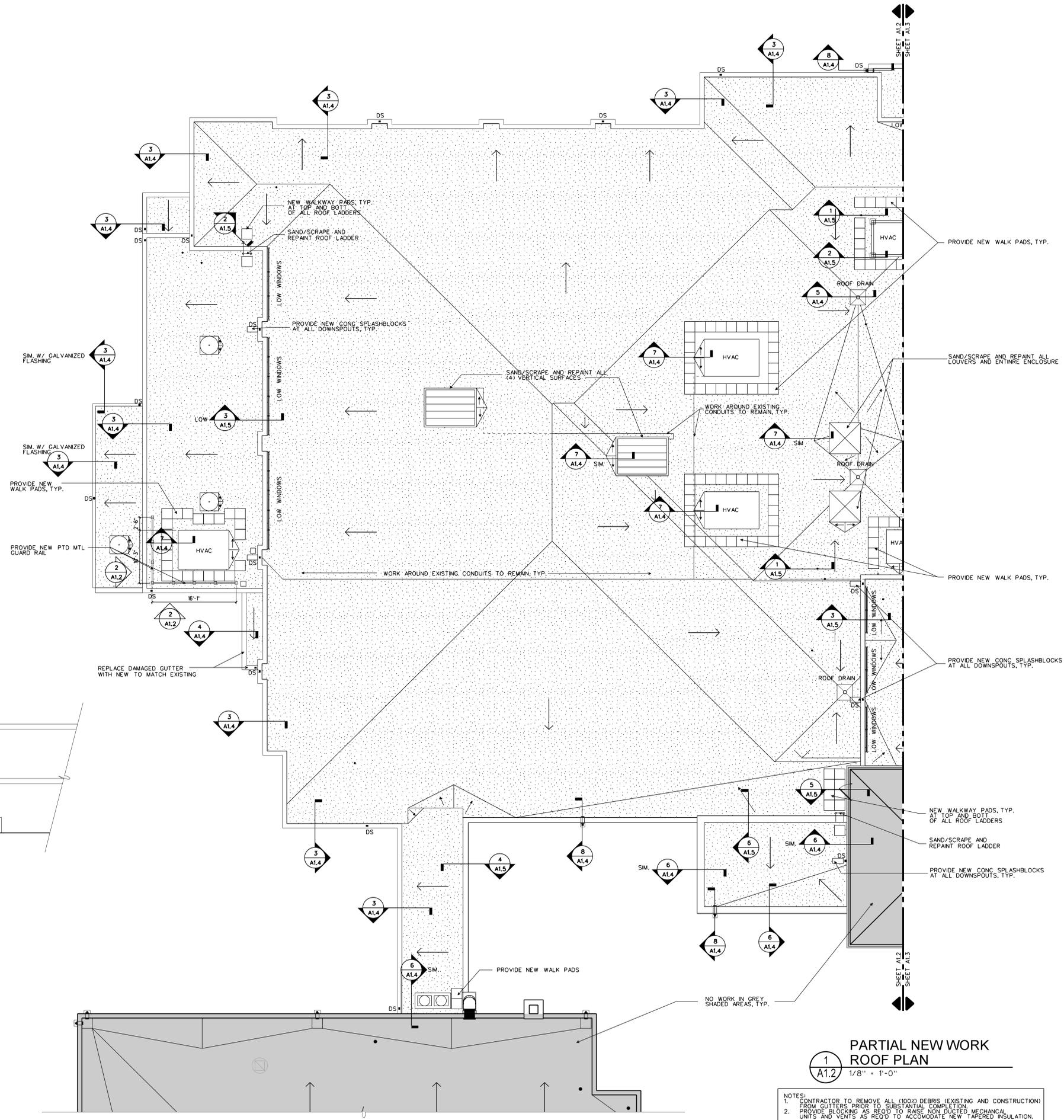
ALT. #1 - BOILER HOUSE

ROOF LEGEND

	CRICKET (TAPERED INSUL.)
	DIRECTION OF ROOF SLOPE
	AREA TO RECEIVE TAPERED INSULATION TO ROOF DRAIN
	EXISTING ROOF DRAIN, PROVIDE NEW CLAMPING RING
	SCUPPER
	NEW WALK PAD
	EXISTING DOWNSPOUT TO REMAIN



2
 A1.2
 GUARDRAIL ELEVATION
 3/4" = 1'-0"



1
 A1.2
 PARTIAL NEW WORK ROOF PLAN
 1/8" = 1'-0"

- NOTES:
- CONTRACTOR TO REMOVE ALL (100%) DEBRIS (EXISTING AND CONSTRUCTION) FROM GUTTERS PRIOR TO SUBSTANTIAL COMPLETION.
 - PROVIDE BLOCKING AS REQ'D TO RAISE NON-DUCTED MECHANICAL UNITS AND VENTS AS REQ'D TO ACCOMMODATE NEW TAPERED INSULATION.

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DUNBAR MIDDLE SCHOOL
REROOFING**

LYNCHBURG, VIRGINIA

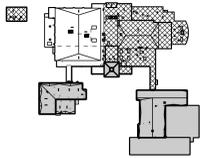
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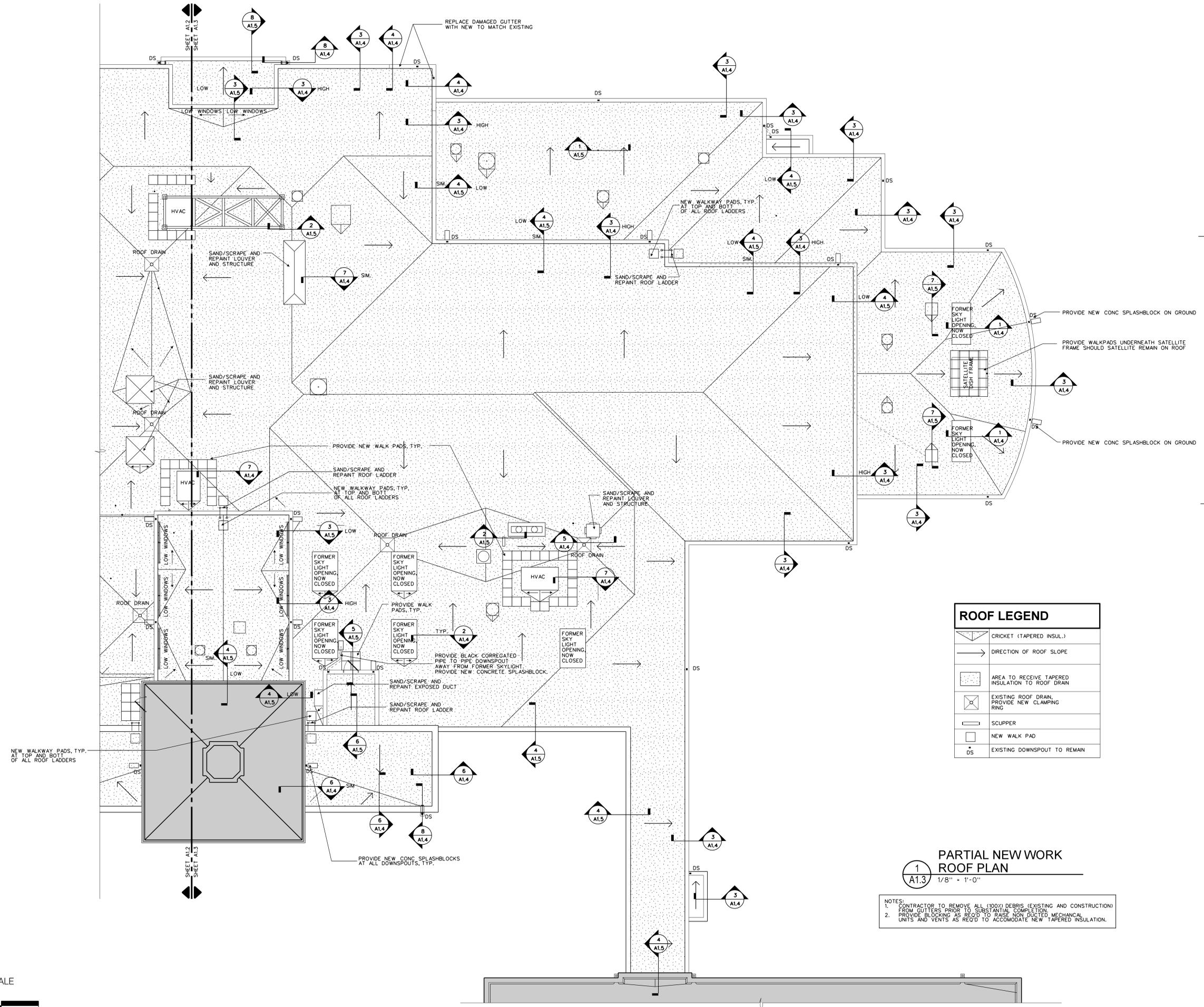
KEY PLAN:



SHEET TITLE:
**PARTIAL NEW WORK -
ROOF PLAN**

SHEET NUMBER:

A1.3



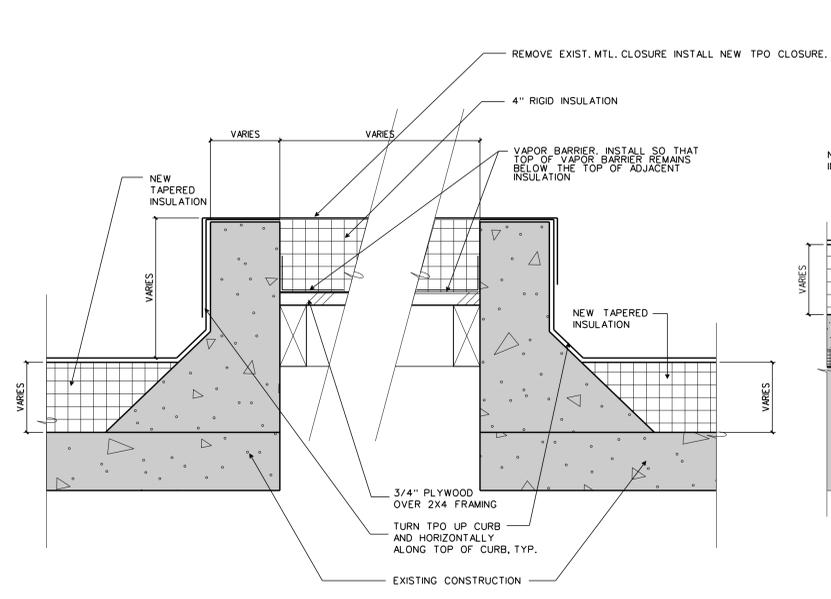
ROOF LEGEND	
	CRICKET (TAPERED INSUL.)
	DIRECTION OF ROOF SLOPE
	AREA TO RECEIVE TAPERED INSULATION TO ROOF DRAIN
	EXISTING ROOF DRAIN, PROVIDE NEW CLAMPING RING
	SCUPPER
	NEW WALK PAD
	EXISTING DOWNSPOUT TO REMAIN

1
A1.3 PARTIAL NEW WORK
ROOF PLAN
1/8" = 1'-0"

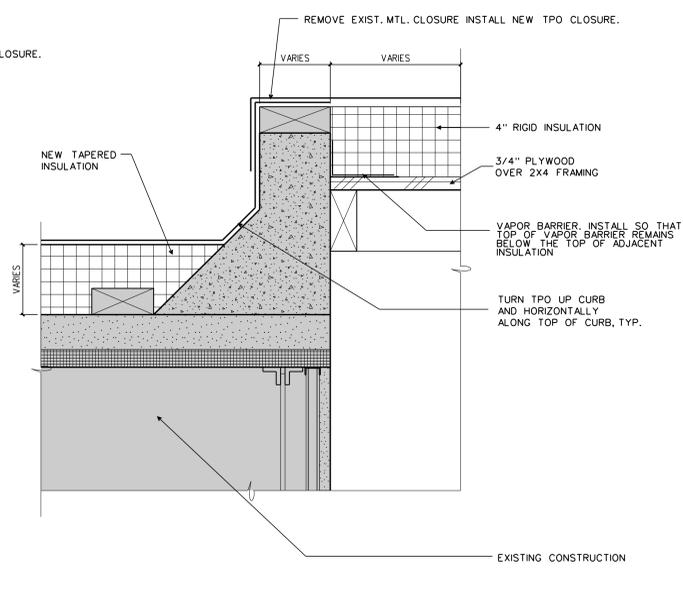
- NOTES:
- CONTRACTOR TO REMOVE ALL (100%) DEBRIS (EXISTING AND CONSTRUCTION) FROM GUTTERS PRIOR TO SUBSTANTIAL COMPLETION.
 - PROVIDE BLOCKING AS REQ'D TO RAISE NON-DUCTED MECHANICAL UNITS AND VENTS AS REQ'D TO ACCOMMODATE NEW TAPERED INSULATION.



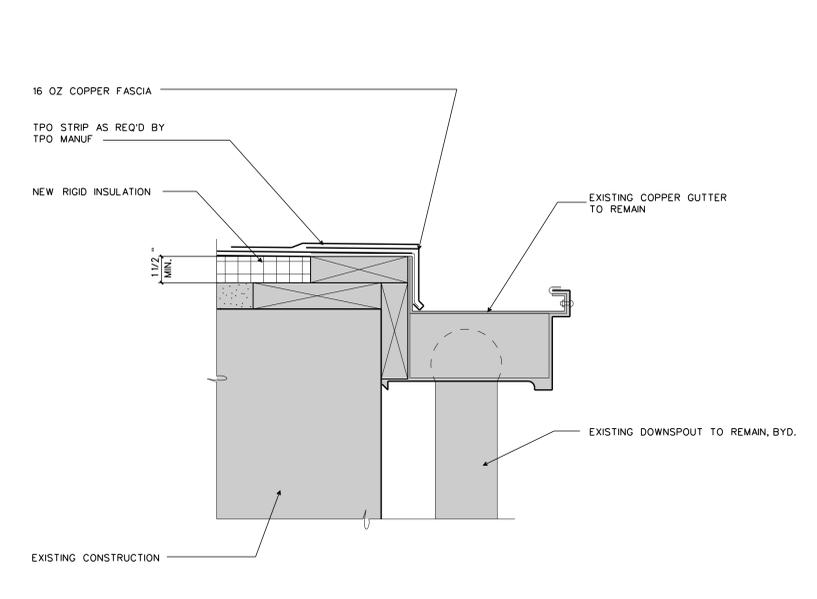
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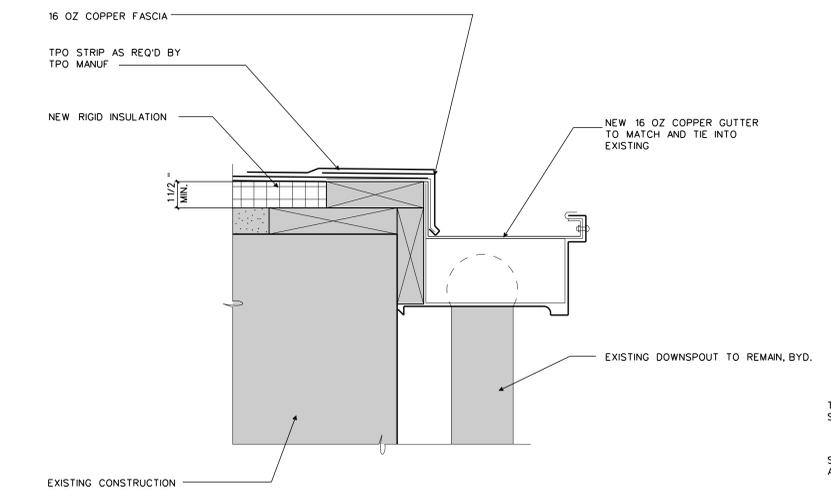
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A1.4 ROOF DETAIL
 3" = 1'-0"



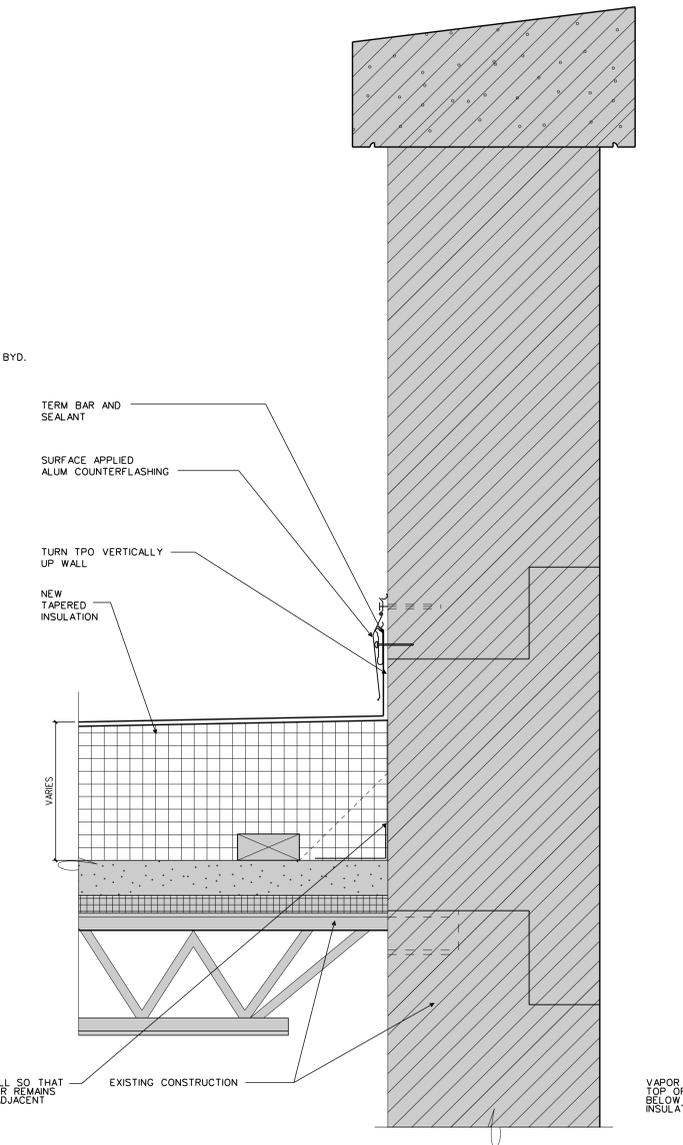
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 3" = 1'-0"



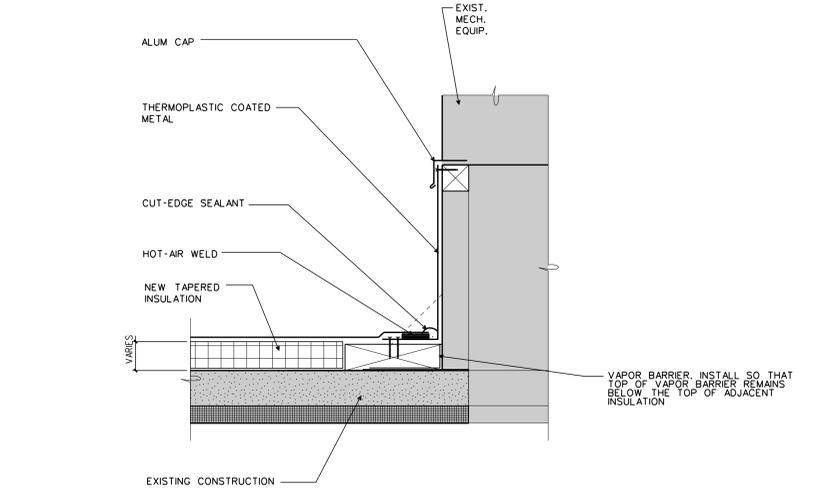
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A1.4 ROOF DETAIL
 3" = 1'-0"



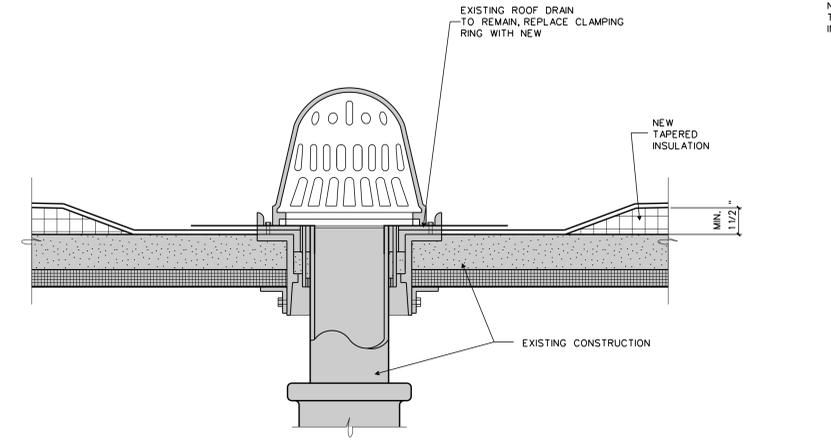
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A1.4 ROOF DETAIL
 3" = 1'-0"



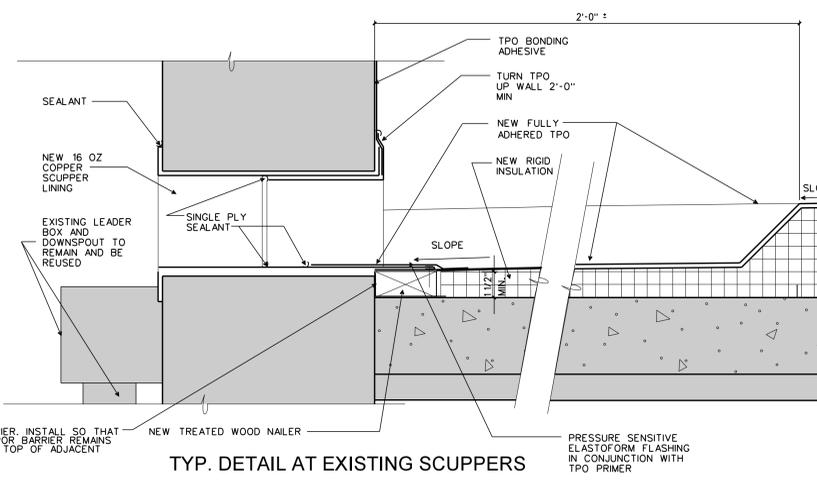
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A1.4 ROOF DETAIL
 3" = 1'-0"



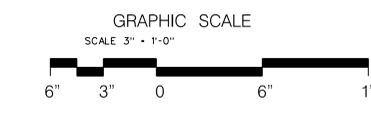
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A1.4 ROOF DETAIL
 3" = 1'-0"



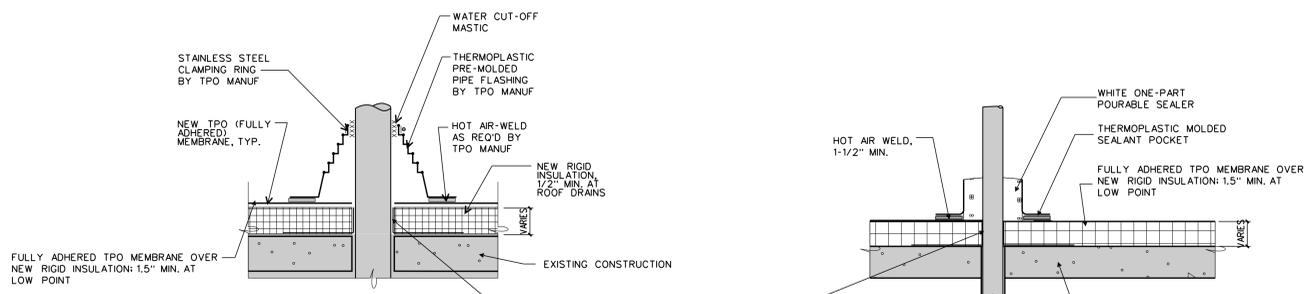
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 3" = 1'-0"



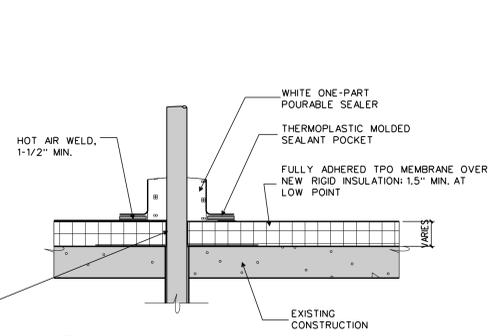
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 3" = 1'-0"



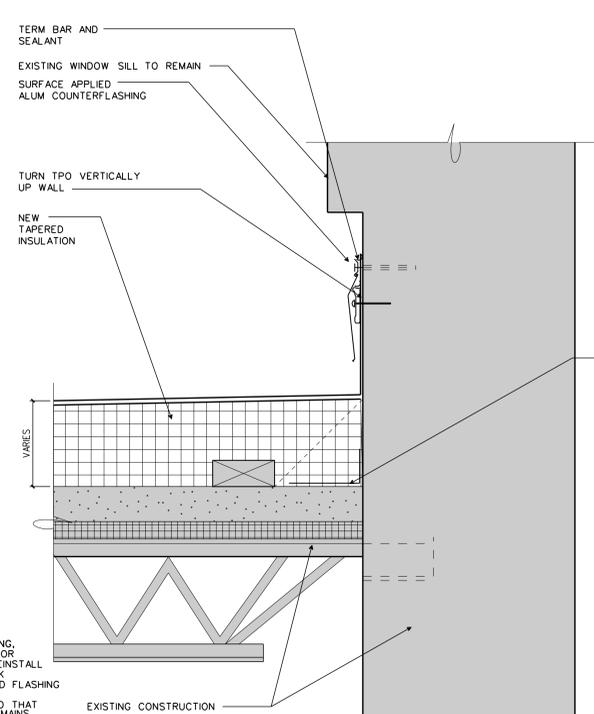
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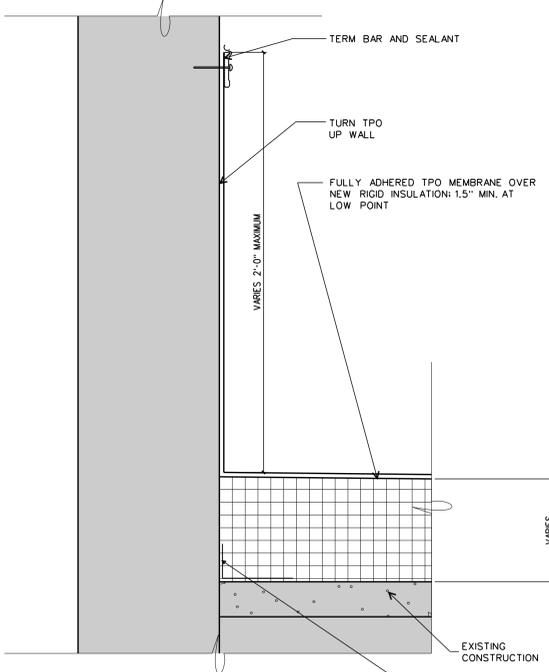
1 ROOF DETAIL
 A1.5 3" = 1'-0"



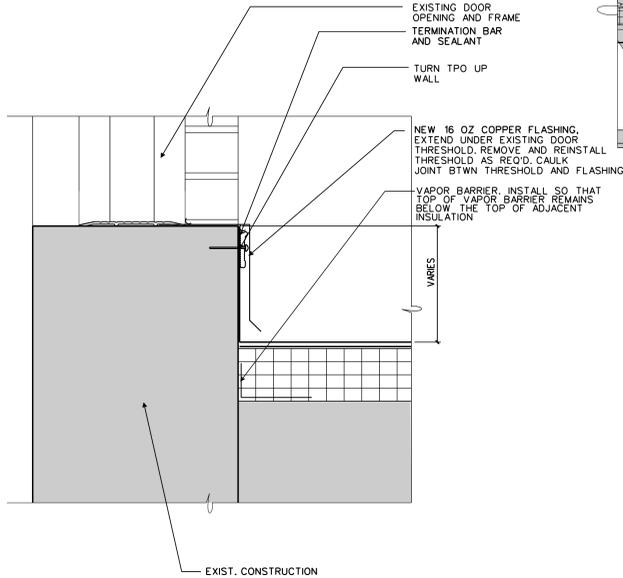
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 A1.5 3" = 1'-0"



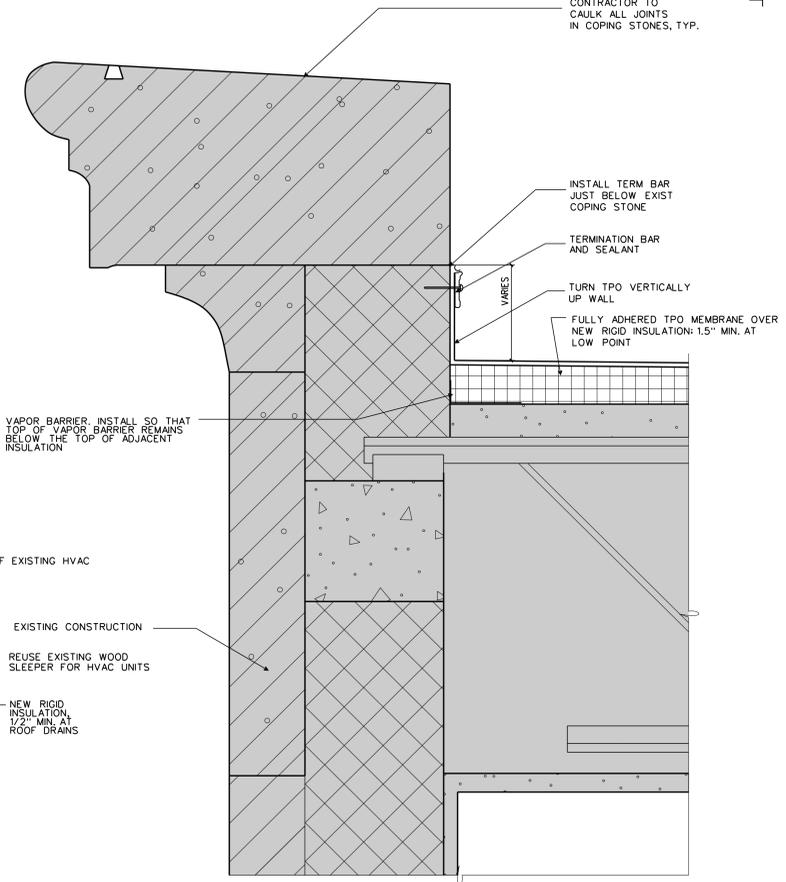
3 ROOF DETAIL
 A1.5 3" = 1'-0"



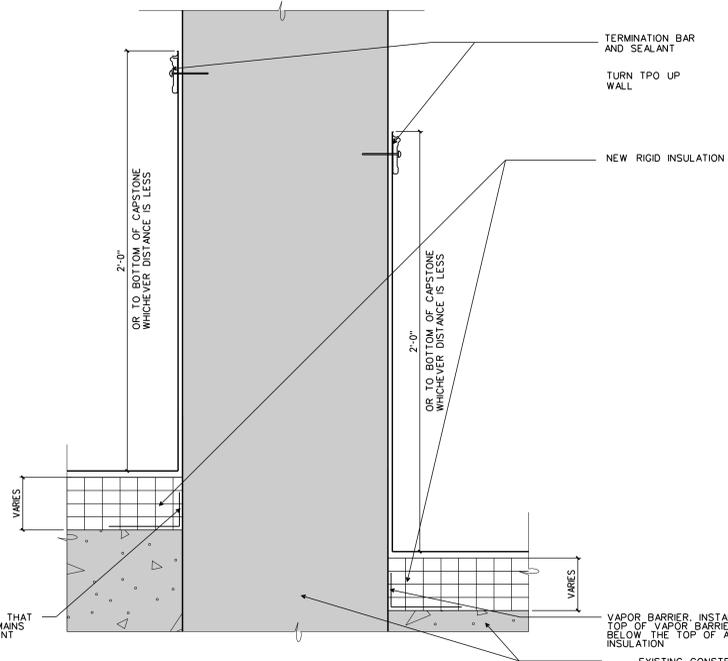
4 ROOF DETAIL
 A1.5 3" = 1'-0"



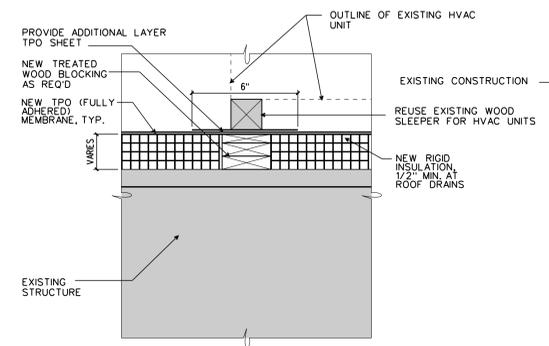
5 ROOF DETAIL
 A1.5 3" = 1'-0"



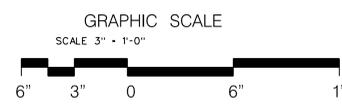
8 ROOF DETAIL
 A1.5 1 1/2" = 1'-0"



6 ROOF DETAIL
 A1.5 3" = 1'-0"



7 ROOF DETAIL
 A1.5 1 1/2" = 1'-0"



VAPOR BARRIER INSTALL SO THAT TOP OF VAPOR BARRIER REMAINS BELOW THE TOP OF ADJACENT INSULATION

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