

LYNCHBURG CITY SCHOOLS E.C. GLASS HIGH SCHOOL SCHOOL REROOFING

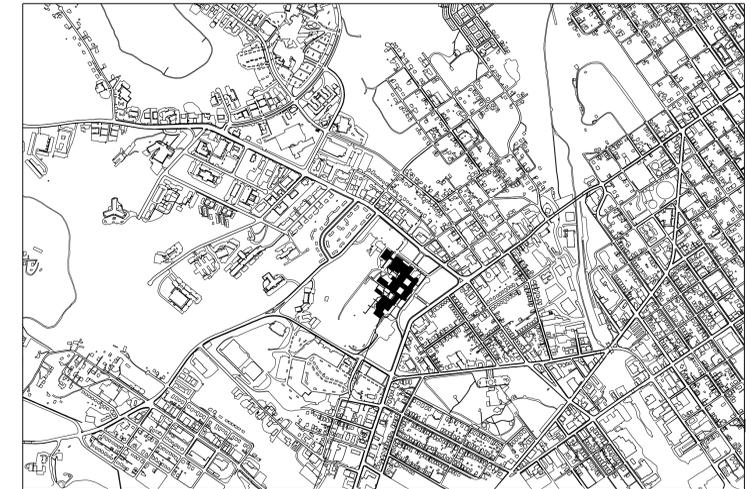
LYNCHBURG, VIRGINIA

PROJECT NO. 3417

CITY PROJECT NO. YS-720

DECEMBER 2, 2014

VICINITY MAP



E.C. GLASS
HIGH SCHOOL
2111 MEMORIAL AVE
LYNCHBURG, VA 24501



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LYNCHBURG CITY SCHOOLS
E.C. GLASS HIGH SCHOOL
REROOFING

LYNCHBURG, VIRGINIA

CITY PROJECT NO: YS-720

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 laminated
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/glassing	R	riser
BLKG	blocking	GLB	glass block	RA	return air
BD	board	CCMU	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	RFI	reflect (ed)
BW	bottom of wall	HVAC	heating ventilating air conditioning	REFR	refrigerator
CPT	carpet	HGT	height	REINF	reinforced
CI	cast iron	HM	hollow metal	REQ	required
CB	cement board	HORZ	horizontal	RESIL	resilient
CLG	ceiling	HB	hose bib	RH	right hand
CTR	center	HR	hour	RM	round
CT	center	INCL	include	RL	rain leader
CIR	ceramic tile	ID	inside diameter	RO	rough opening
CLR	clear (ance)	INSUL	insulation	SACT	suspended acoustical ceiling tile
CLOS	closet	INT	interior	SCHED	schedule
CLS	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	SM	similar
CONT	continuous or continue	LH	left hand	SC	solid core
CLL	contract limit line	L	length	S	south
CJ	control joint	LT	light	SPEC	specification
CORR	corner guard	LT WT	light weight	STD	standard
CRS	course (s)	LF	linear foot	STC	sound transmission class
CF	cubic feet	LL	live load	STL	steel
CY	cubic yard	MH	manhole	STOR	storage
DEPT	department	MFR	manufacturer	STRUCT	structure
DTL	detail	MAS	masonry	SYM	symmetry (ical)
DIAM	diameter	MTL	metal	SUSP	suspended
DIM	dimension	MAX	maximum	SYS	system
DISP	dispenser	MECH	mechanical	TEL	telephone
DIV	division	MED	medium	TV	television
DR	door	MBR	member	TEMP	tempered
DBL	double	MATL	material	TER	terrazzo
DH	double hung	M	meter	THR	thick
DN	down	MM	millimeter	THR	threshold
DS	downspout	MIN	minimum	T&G	tongue and groove
DWG	drawing	MIR	mirror	TC	top of curb
DF	drinking fountain	MISC	miscellaneous	TP	top of pavement
EA	each	MOD	modular	TREAD	tread
E	east	MTD	mounted	TOW	top of wall
ELEC	expansion joint	NAT	natural	TWF	through wall flashing
ELEC	electric (al)	NRC	noise reduction coefficient	TYP	typical
EWC	electric water cooler	NOM	nominal	UC	undercut
ELEV	elevation	N	north	UNF	unfurnished
EMER	emergency	NIC	not in contract	UNO	unless noted otherwise
ENCL	enclosure	NIS	not to scale	UR	urinal
EQUIP	equipment	NO	number	VB	vapor barrier
EST	estimate	NO	number	VERT	vertical
EXH	exhaust	OC	on center	VEST	vestibule
EXIST	existing	OFF	office	VCT	vinyl composite tile
(E)	existing dimension	OPNG	opening	VWC	vinyl wall covering
EXP	exposed	OPP	opposite	WH	wall hydrant
EXT	exterior	OPWSJ	open web steel joist	WF	waterproofing
EIFS	exterior insulation finish system	OPPH	opposite hand	WFF	welded wire fabric
FCC	face of concrete	OD	outside diameter	W	west
FOM	face of masonry	OA	overall	WT	weight
FOS	face of studs	OH	overhead	WN	window
FF	finish floor	PT	pressure treated	W/	with
FIN	finish (ed)	PTD	painted	W/O	without
FIXT	fixture	PVMT	pavement	WD	wood

SYMBOLS

DRAWING TITLE		DRAWING NUMBER	1
DRAWING SCALE		DRAWING SCALE	1/8" = 1'-0"
SHEET NUMBER		SHEET NUMBER	A1
DRAWING NUMBER		DRAWING NUMBER	4
SHEET NUMBER		SHEET NUMBER	A1
DRAWING NUMBER		DRAWING NUMBER	4
SHEET NUMBER		SHEET NUMBER	A1
DRAWING NUMBER		DRAWING NUMBER	4
SHEET NUMBER		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

CS.1.1	Cover Sheet
D.1.1	Demolition Roof Plan
A.1.1	Partial Roof Plan - New Work
A.1.2	Partial Roof Plan - New Work
A.1.3	Partial Roof Plan - New Work
A.1.4	Partial Roof Plan - New Work
A.1.5	Partial Roof Plan - New Work
A.1.6	Roof Details
A.1.7	Roof Details
A.1.8	Roof Details

APPLICABLE CODES

- 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:
ORIGINAL ARCHITECTURAL DRAWINGS OBTAINED FROM JONES MEMORIAL LIBRARY
RENOVATIONS AND ADDITIONS TO E. C. GLASS HIGH SCHOOL
DATED JANUARY 24, 2003

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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3417
ISSUE DATE:
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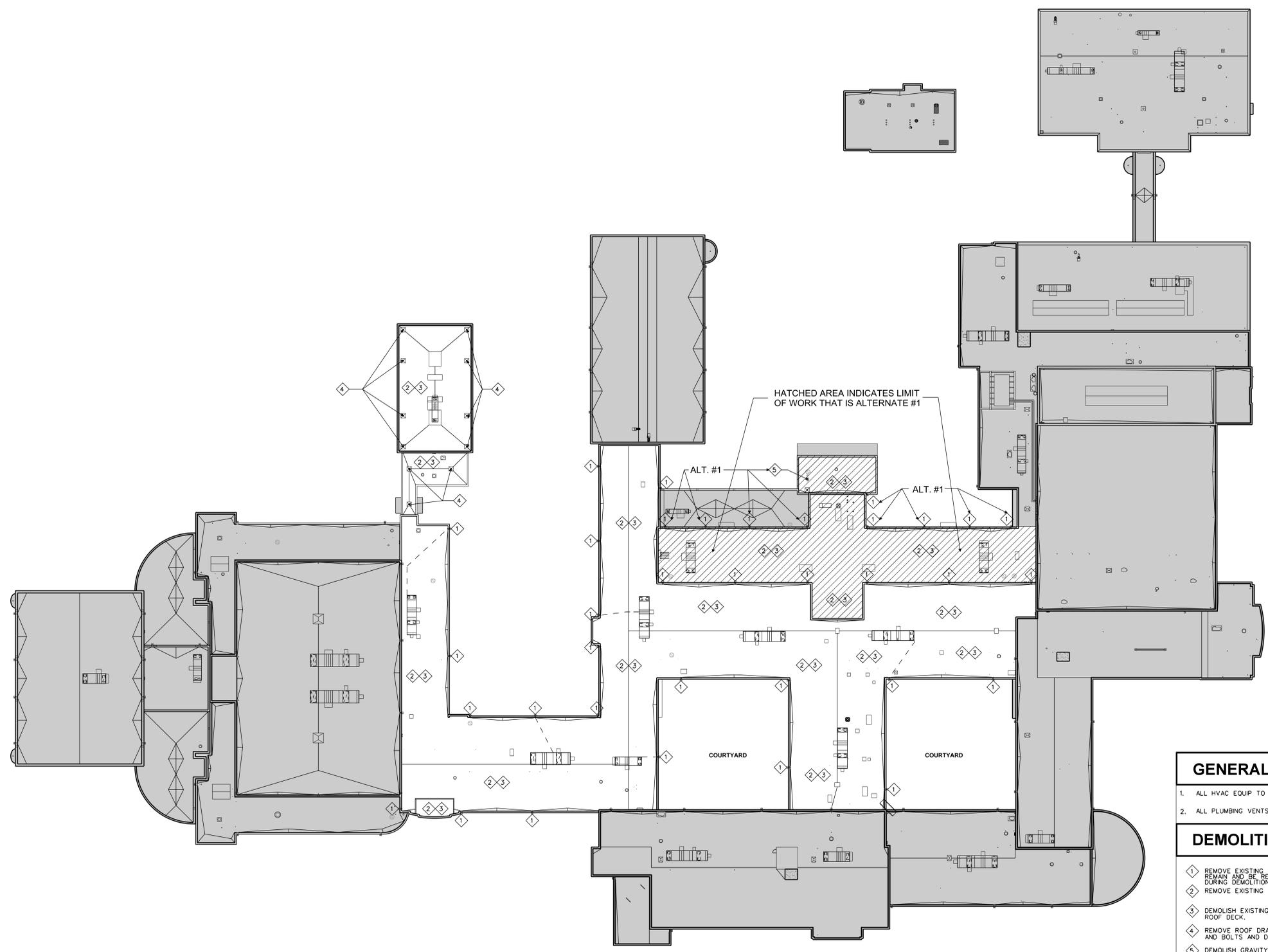
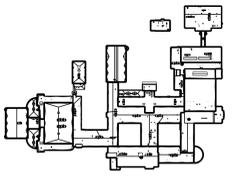
REVISIONS:



SHEET TITLE:
COVER SHEET

SHEET NUMBER:

CS1.1



GENERAL DEMOLITION NOTES

1. ALL HVAC EQUIP TO REMAIN.
2. ALL PLUMBING VENTS, ROOF HATCH AND ROOF DRAINS TO REMAIN.

DEMOLITION KEYNOTES

- 1 REMOVE EXISTING SCUPPER AND DISPOSE OF LEADER BOX AND DOWNSPOUT TO REMAIN AND BE REUSED. CONTRACTOR TO PROTECT REUSED ITEMS FROM DAMAGE DURING DEMOLITION.
- 2 REMOVE EXISTING BALLAST AND LEGALLY DISPOSE OF OFF SITE.
- 3 DEMOLISH EXISTING SPRAY FOAM ROOFBAND BUILT-UP ROOF DOWN TO EXISTING CONCRETE ROOF DECK.
- 4 REMOVE ROOF DRAIN STRAINER BASKET, CLAMPING RING AND ROOF DRAIN NUTS AND BOLTS AND DISCARD ALL.
- 5 DEMOLISH GRAVITY VENT.

ASBESTOS CONTAINING ROOF MATERIAL

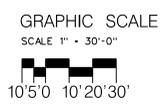
THE EXISTING ROOFING MATERIALS HAVE BEEN TESTED AND FOUND NOT TO CONTAIN ANY ASBESTOS CONTAINING MATERIAL.

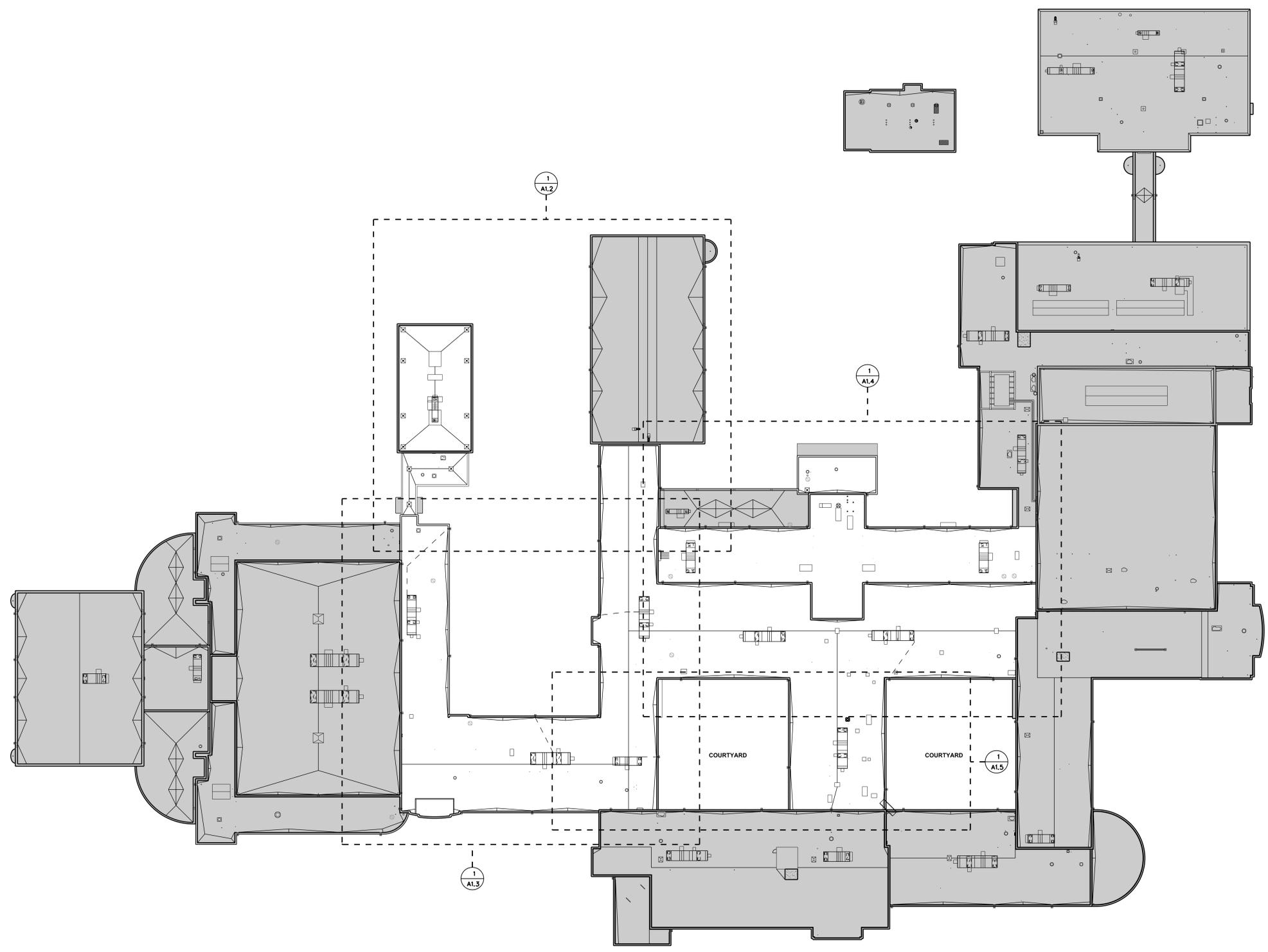
ROOF DRAIN NOTE

THE CONTRACTOR IS FULLY RESPONSIBLE TO KEEP ALL DEBRIS OUT OF ROOF DRAINS DURING THE DEMOLITION WORK. ANY DAMAGE(S) THAT OCCUR AS A RESULT OF ROOF DRAINS BEING CLOGGED BY DEBRIS FROM DEMOLITION WORK WILL BE FULLY PAID FOR BY THE CONTRACTOR. DAMAGES INCLUDE BUT ARE NOT LIMITED TO REPLACEMENT OF DAMAGED CEILING TILES AND REPLACEMENT OF DAMAGED ELECTRONIC EQUIPMENT (COMPUTERS, ETC.)

1
D1.1
OVERALL ROOF PLAN
 1" = 30'-0"

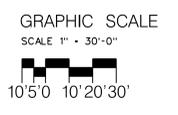
NOTE: NO WORK IN GREY SHADED AREAS.



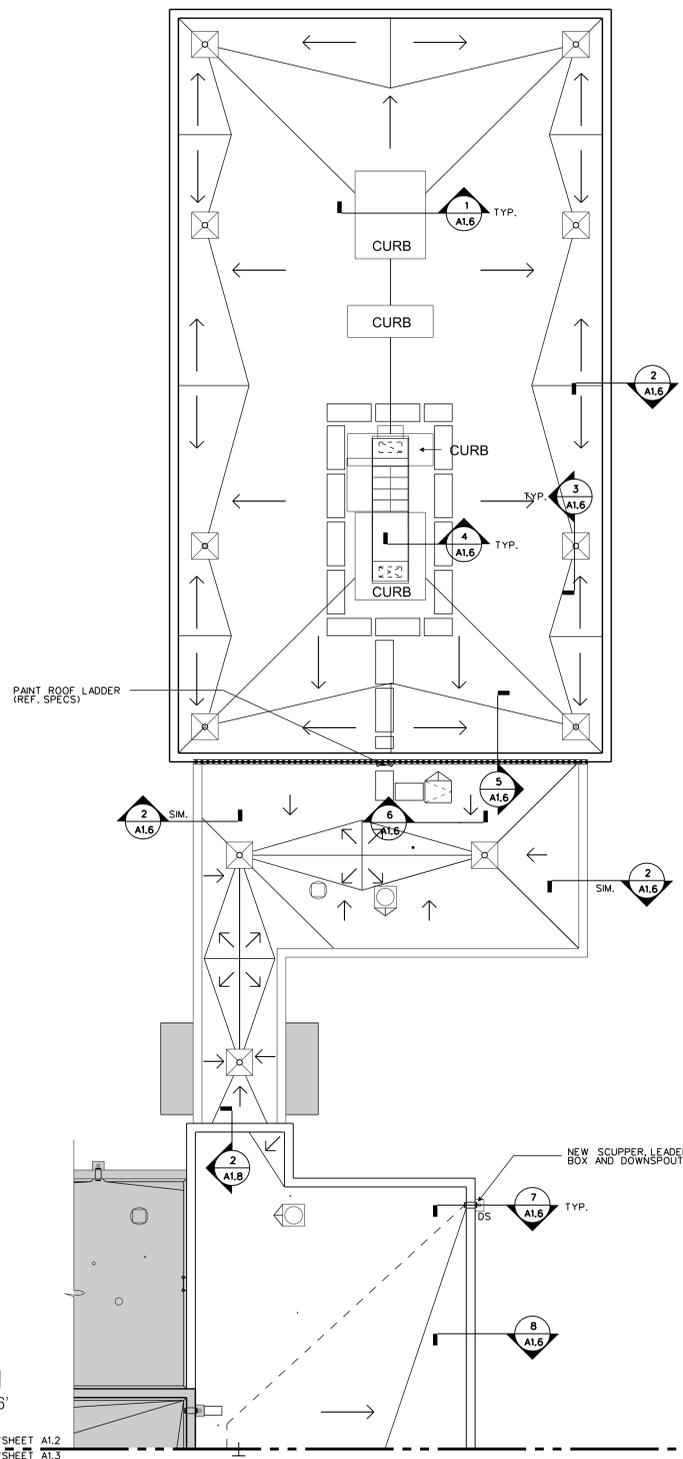
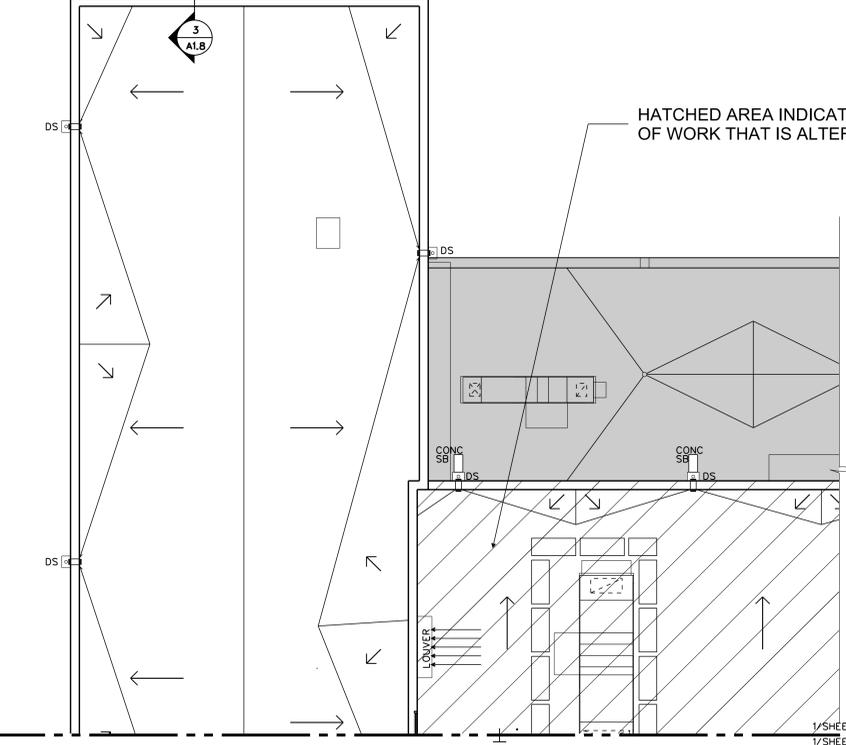
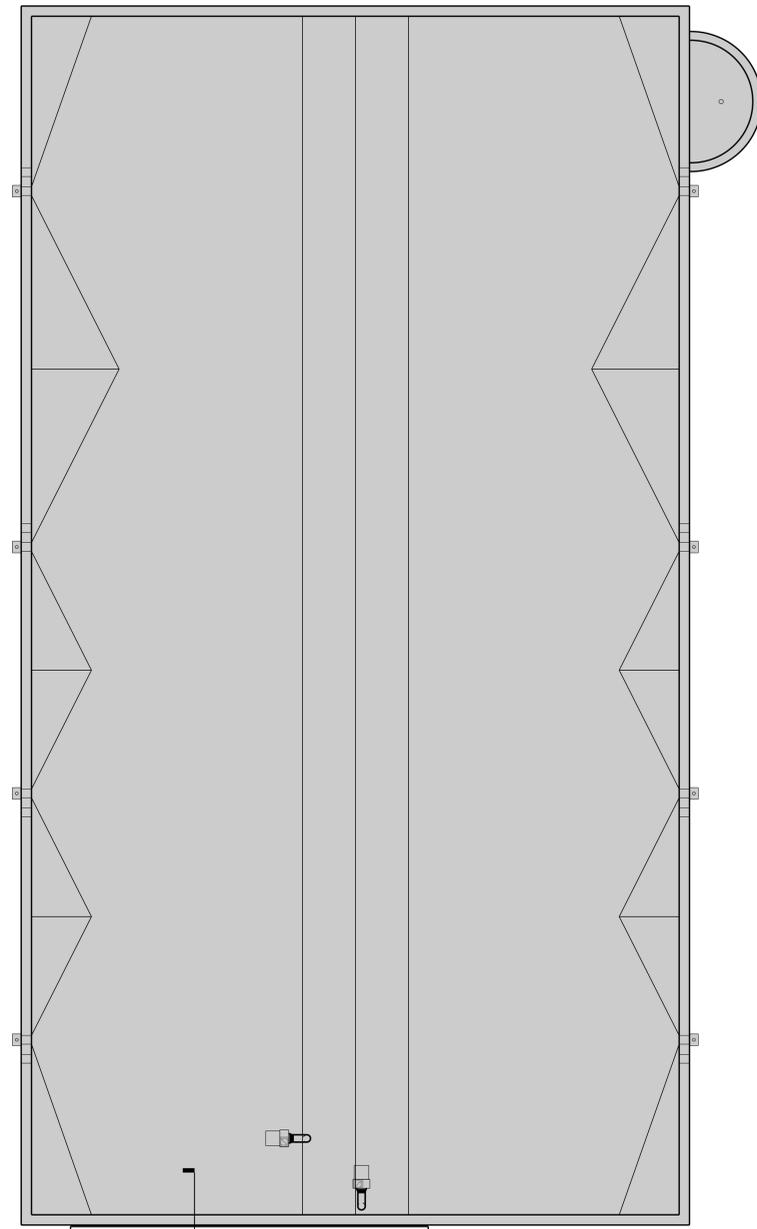
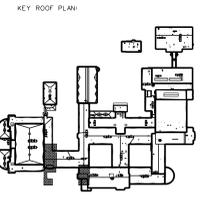


1
A1.1
**OVERALL
ROOF PLAN**
1" = 30'-0"

NOTE: NO WORK IN GREY SHADED AREAS.

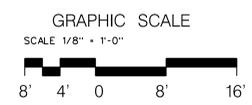


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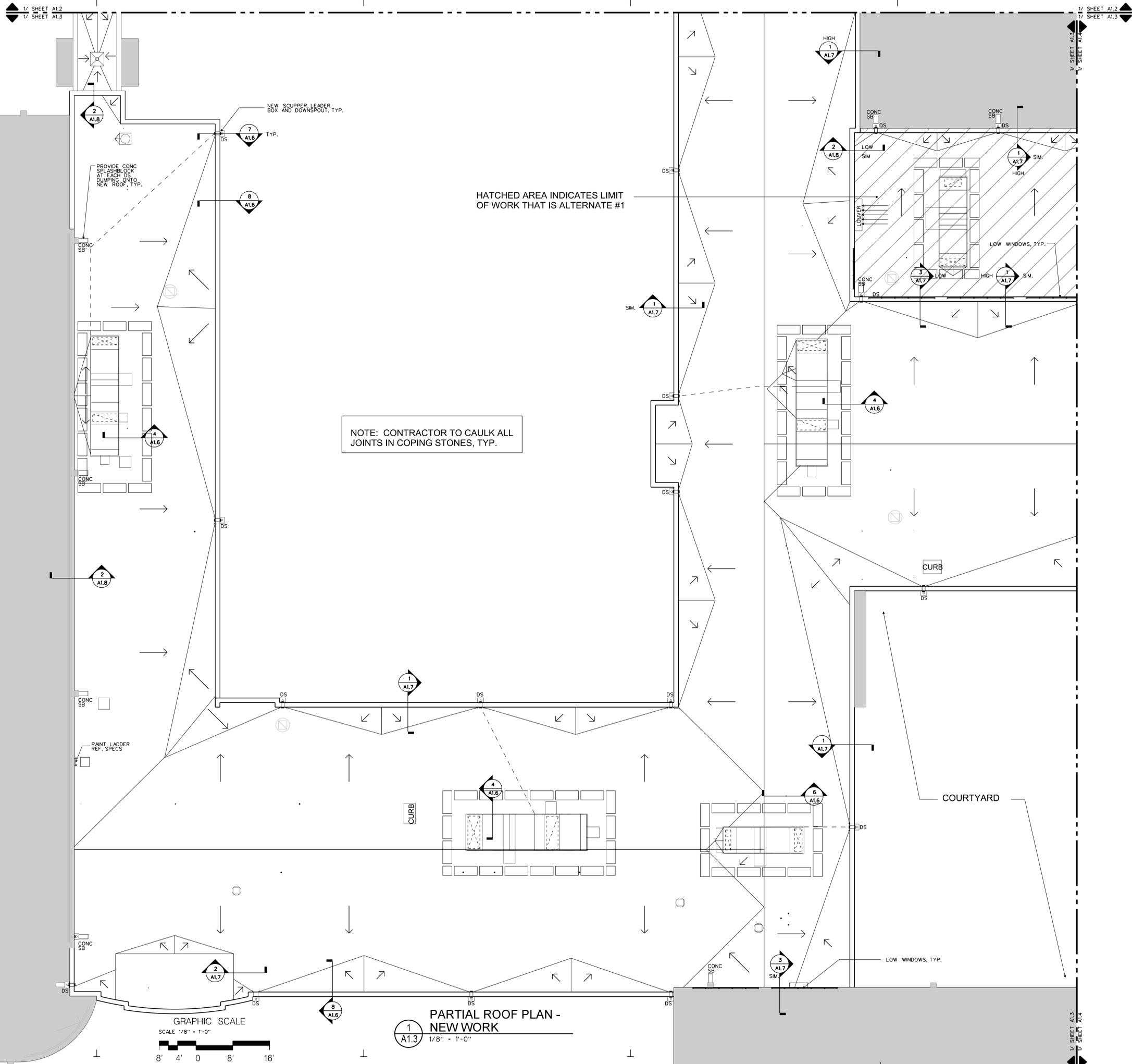
NOTE: CONTRACTOR TO CAULK ALL JOINTS IN COPING STONES, TYP.

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



1/SHEET A1.2
 1/SHEET A1.3

1/SHEET A1.2
 1/SHEET A1.3



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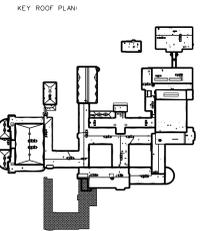
LYNCHBURG,
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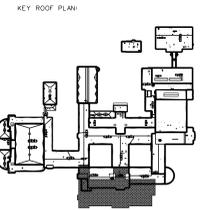


SHEET TITLE:
PARTIAL ROOF PLAN -
NEW WORK

SHEET NUMBER:

A1.3

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NOTE: CONTRACTOR TO CAULK ALL JOINTS IN COPING STONES, TYP.

HATCHED AREA INDICATES LIMIT OF WORK THAT IS ALTERNATE #1

PROVIDE NEW 16 OZ COPPER LEADER BOX AND ROUND DOWNSPOUT. RUN NEW COPPER DOWNSPOUT ALONG EXTERIOR WALL AND PROVIDE TIE-IN TO EXIST DOWNSPOUT

NOTE: SPRAY FOAM ROOF TIE-IN TO BE COMPLETED BY SPRAY FOAM ROOF CONTRACTOR PROVIDED BY OWNER

ROOF DRAIN TO BE PIPED ABV CEILING

NEW ROOF DRAIN, REF. SPECS.

PROVIDE CONC SPLASHBLOCK ONLY. LEADER BOX AND DS TO REMAIN

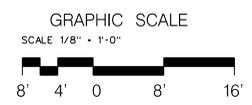
NEW SCUPPER LEADER BOX AND DOWNSPOUT, TYP.

LOW WINDOWS TYP.

COURTYARD

COURTYARD

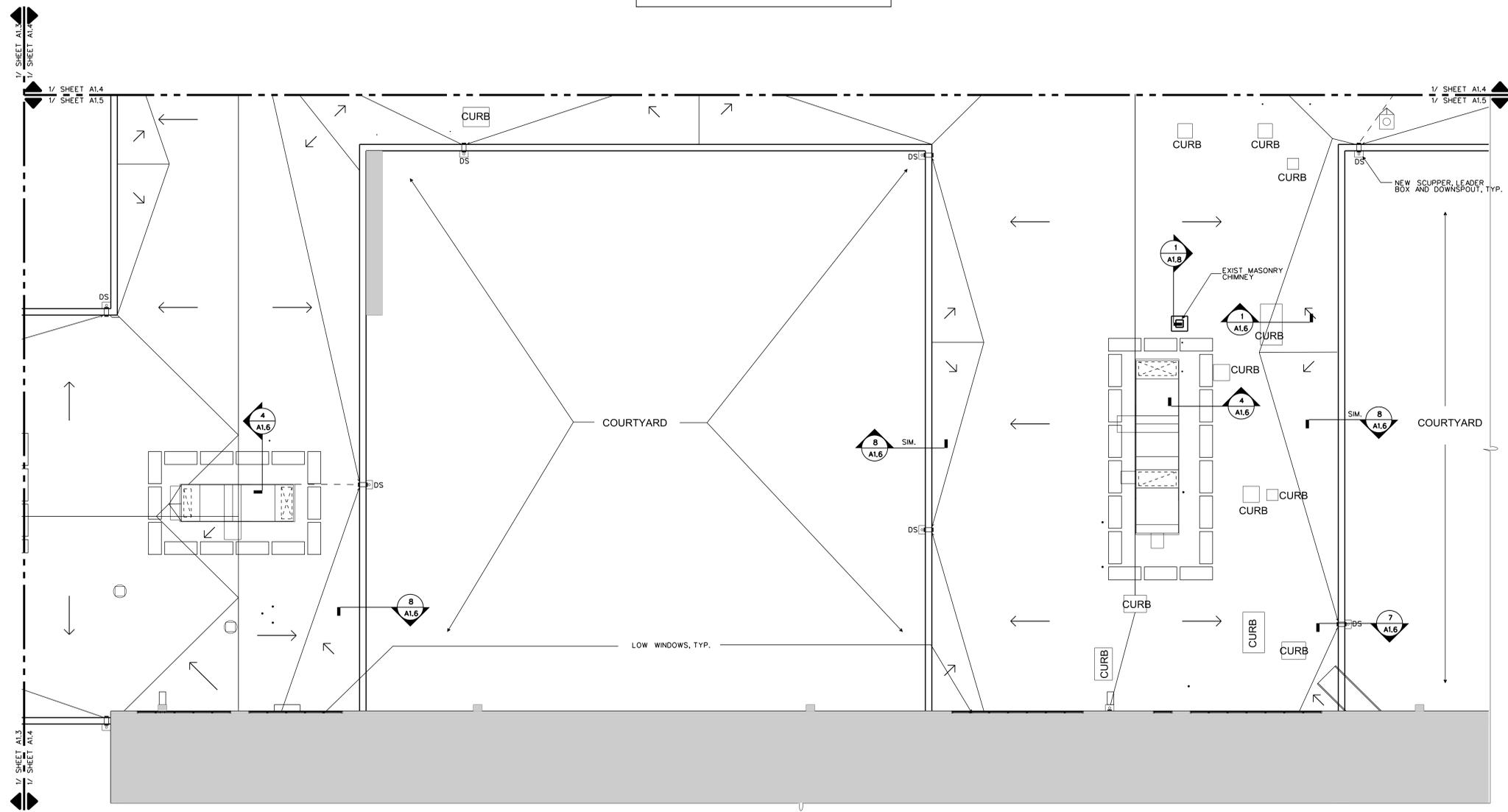
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A1.4
 PARTIAL ROOF PLAN -
 NEW WORK
 1/8" = 1'-0"



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1/2 SHEET A1.3
 1/2 SHEET A1.4
 1/2 SHEET A1.4
 1/2 SHEET A1.5

NOTE: CONTRACTOR TO CAULK ALL JOINTS IN COPING STONES, TYP.



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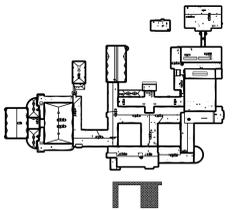
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KEY ROOF PLAN

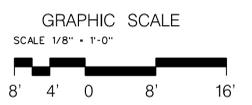


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 NEW WORK**

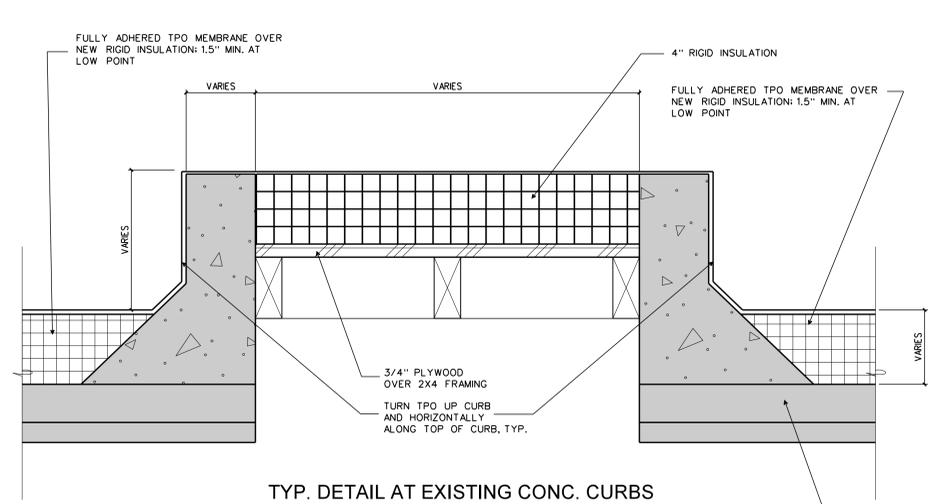
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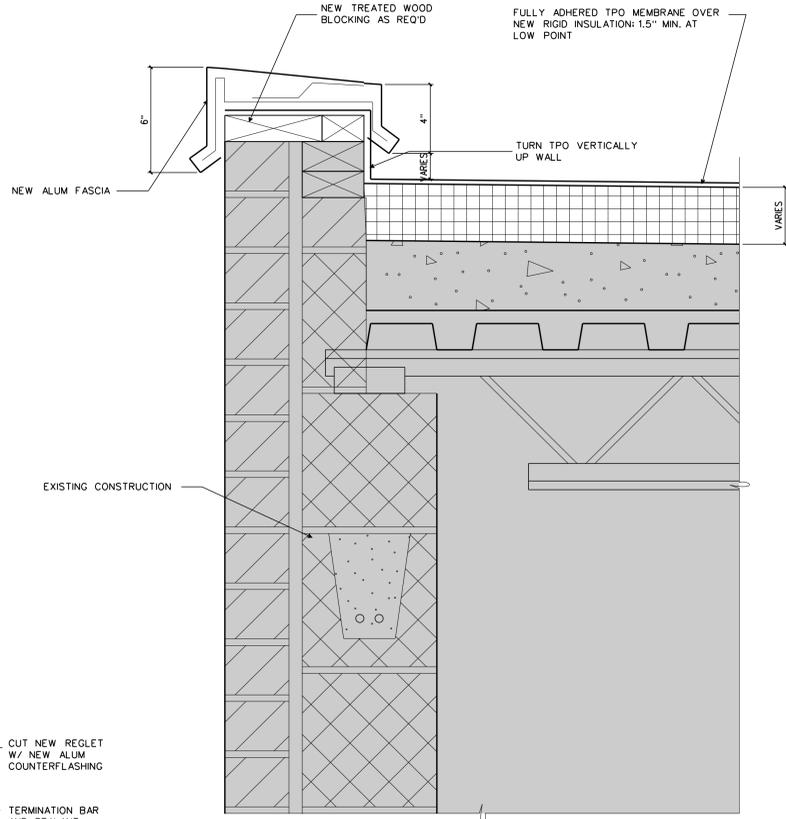
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A1.5
**PARTIAL ROOF PLAN -
 NEW WORK**
 1/8" = 1'-0"



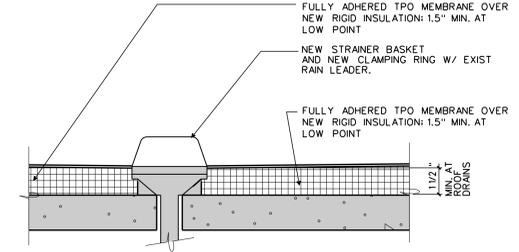
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1 ROOF DETAIL
 A1.6 3" = 1'-0"

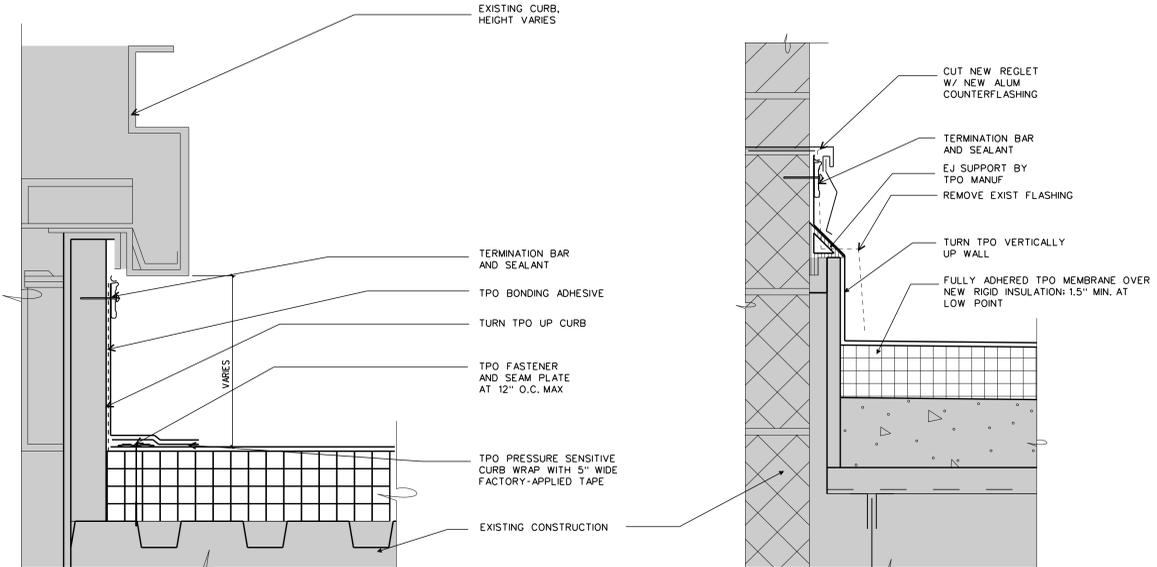


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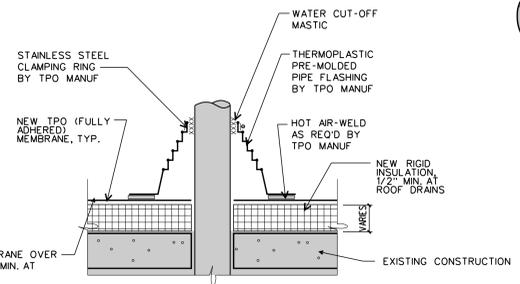
TYP. DETAIL AT EXISTING ROOF DRAINS

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

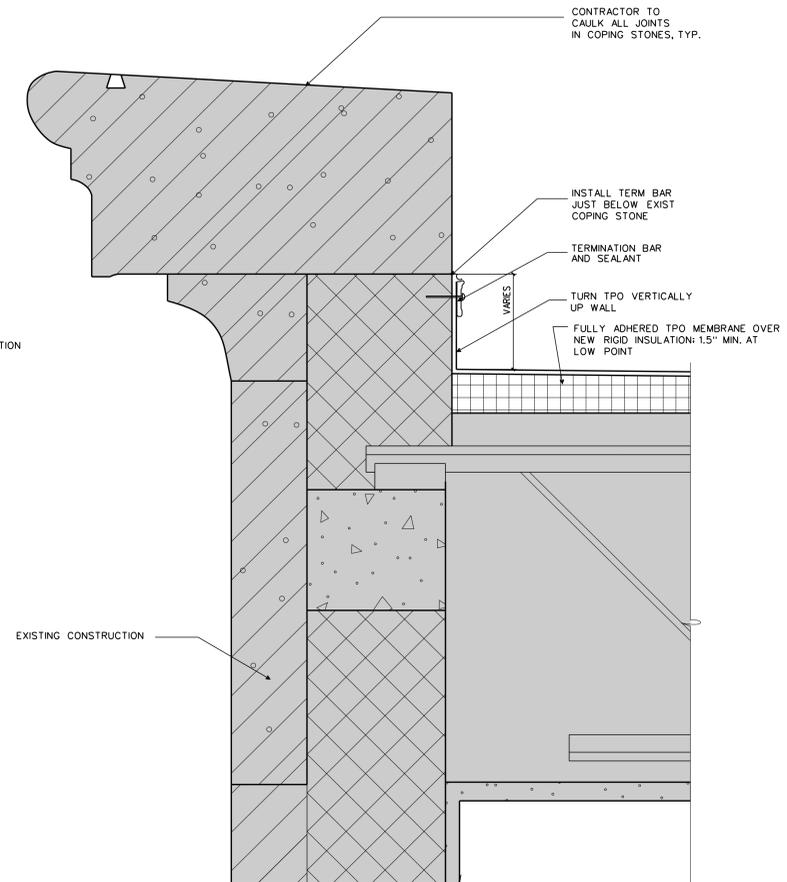


TYP. DETAIL AT CURB-MOUNT MECH. UNITS

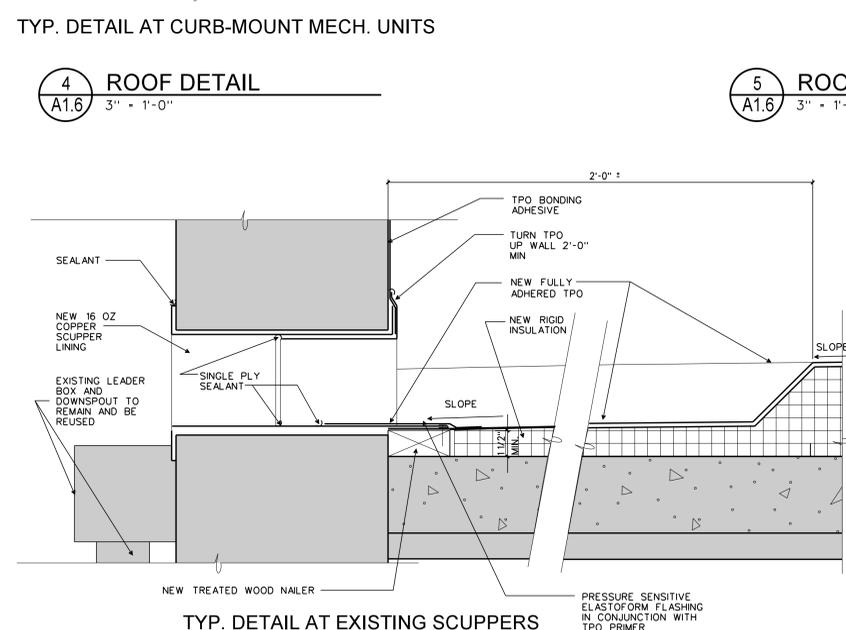
4 ROOF DETAIL
 A1.6 3" = 1'-0"



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

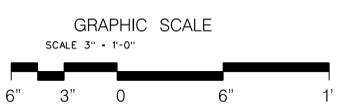


8 ROOF DETAIL
 A1.6 3" = 1'-0"

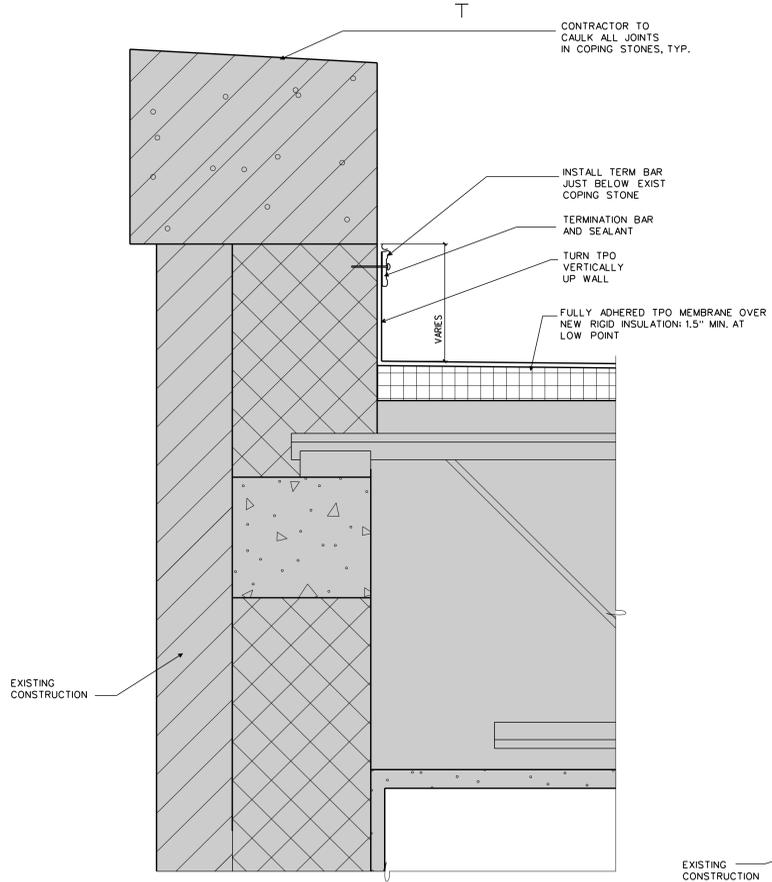


TYP. DETAIL AT EXISTING SCUPPERS

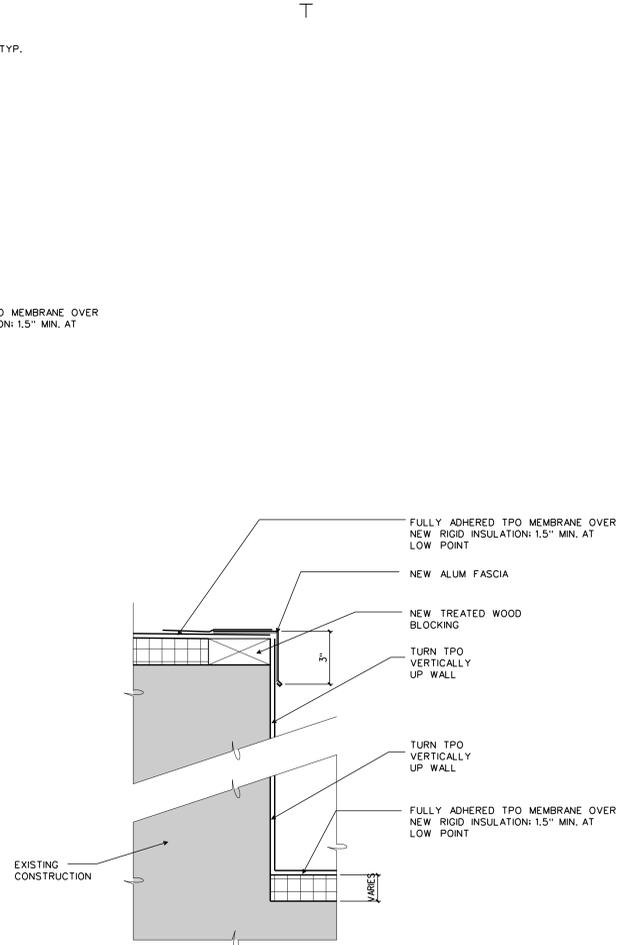
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 A1.6 3" = 1'-0"



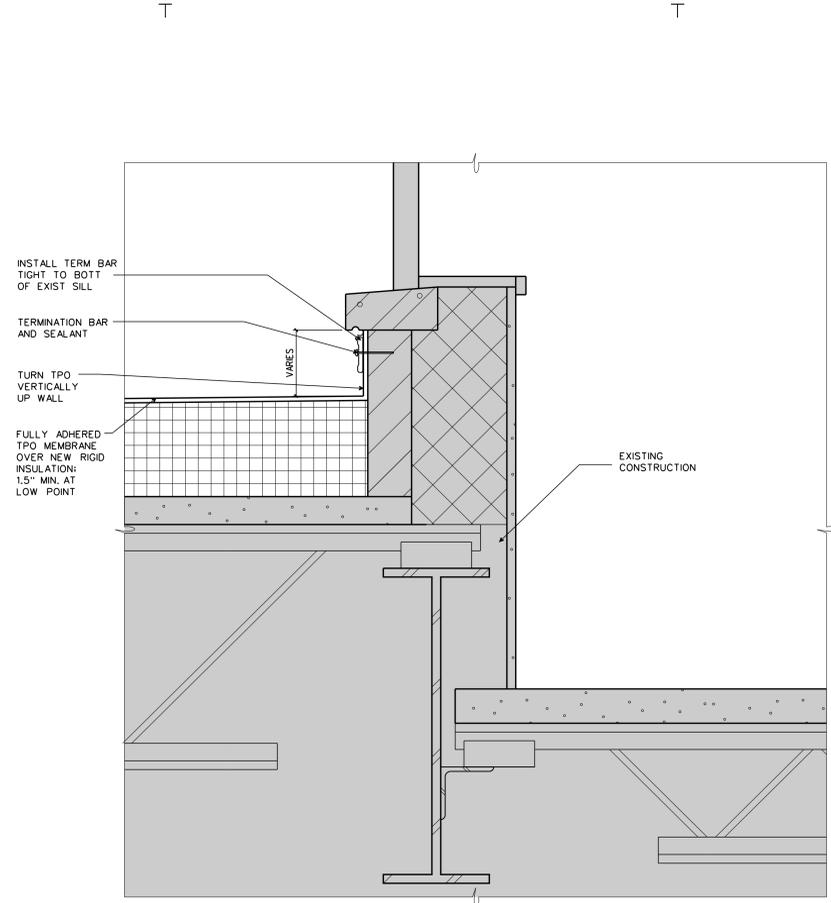
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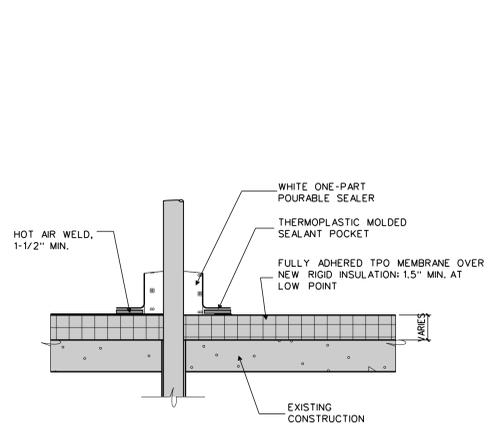
1 ROOF DETAIL
 A1.7 3" = 1'-0"



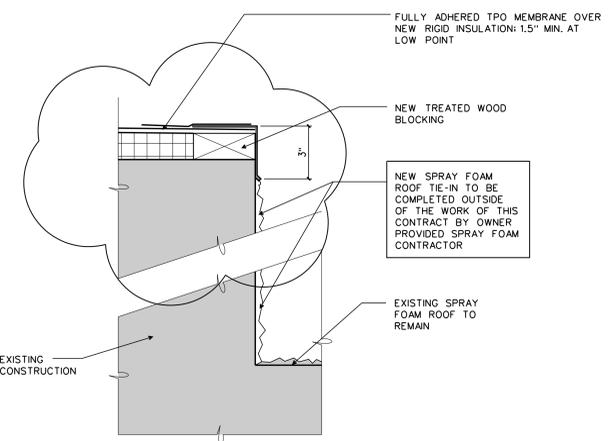
2 ROOF DETAIL
 A1.7 3" = 1'-0"



3 ROOF DETAIL
 A1.7 3" = 1'-0"

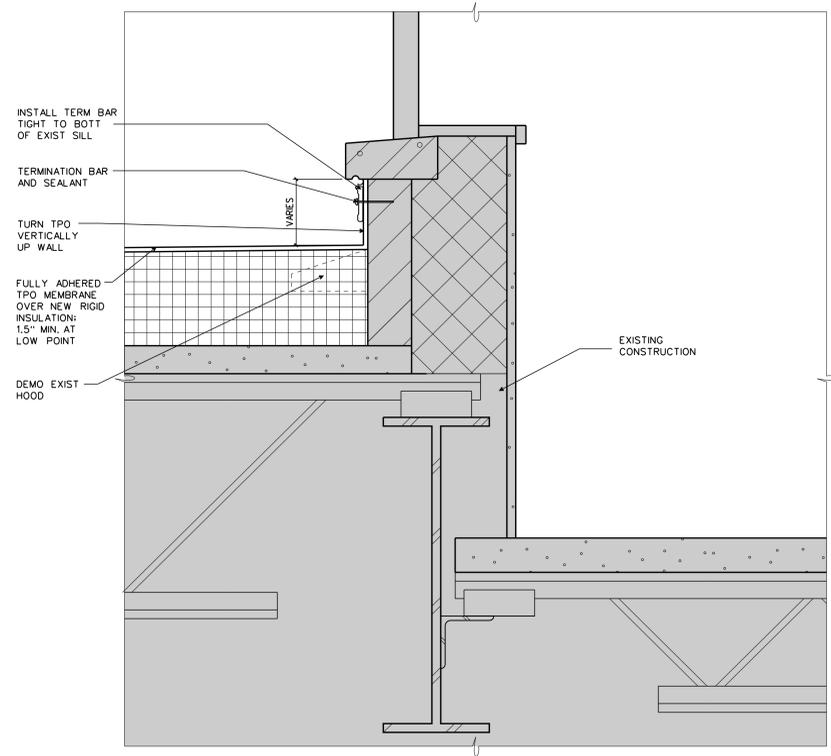


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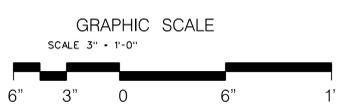


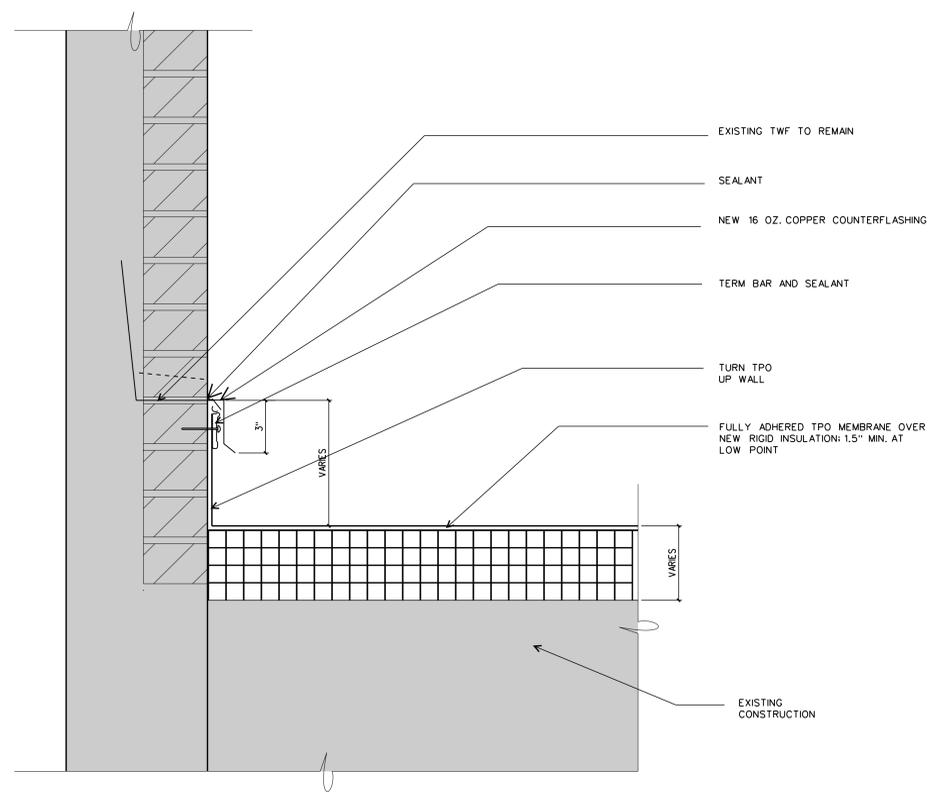
5 ROOF DETAIL
 A1.7 3" = 1'-0"

DETAIL APPLIES TO ALT. #1 ONLY

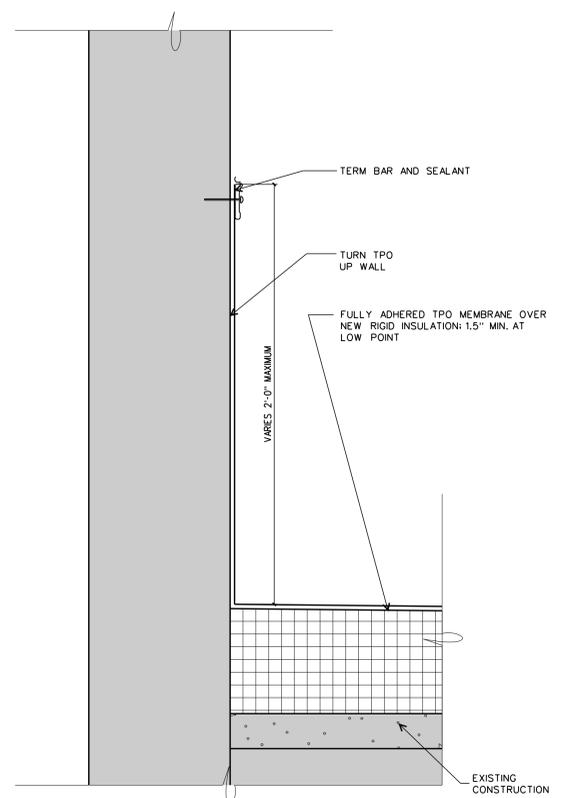


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 A1.7 3" = 1'-0"

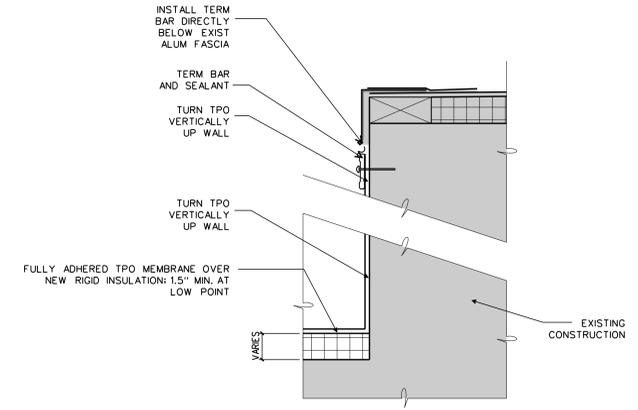




1
A1.8
ROOF DETAIL
3" - 1'-0"



2
A1.8
ROOF DETAIL
3" - 1'-0"



3
A1.8
ROOF DETAIL
3" - 1'-0"

