

LYNCHBURG CITY SCHOOLS E.C. GLASS HIGH SCHOOL REROOFING - PHASE 3

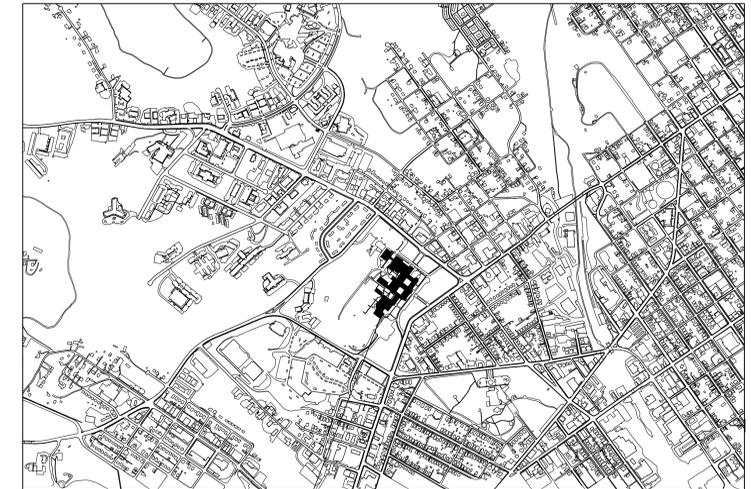
LYNCHBURG, VIRGINIA

PROJECT NO. 3505

CITY PROJECT NO. YS-720

MARCH 31, 2015

VICINITY MAP



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



1000 Jefferson Street
Suite 214
Lynchburg, Virginia 24504
434.528.4300
434.528.4756 fax

LYNCHBURG CITY SCHOOLS
E.C. GLASS HIGH SCHOOL
REROOFING - PHASE 3

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 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
BE	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	RD	roof drain
BM	beam	GR	grade	RCP	reinforced concrete pipe
BOTT	bottom	GFCMU	ground face CMU	REF	reference (refer)
BRK	brick	GPDW	gypsum drywall	RECEP	receptacle
B/T	between	HDW	hardware	REFL	reflect (ed)
BUR	built up roofing	HTG	heating	REFR	refrigerator
BW	bottom of wall	HVAC	heating ventilating air conditioning	REINF	reinforced
CPT	carpet	HGT	height	REQ	required
CI	cost iron	HM	hollow metal	RESIL	resilient
CB	cement board	HORZ	horizontal	RH	right hand
CLG	ceiling	HB	hose bib	RM	round
CTR	center	HR	hour	RO	rough opening
CT	ceramic tile	INCL	include	SACT	suspended acoustical ceiling tile
CIR	circle	ID	inside diameter	SCHED	schedule
CLR	clear (ance)	INSUL	insulation	SFCMU	split face CMU
CLOS	closet	INT	interior	SLNT	sealant
CO	clean out	JAN	janitor closet	SECT	section
COL	column	JT	joint	SHT	sheet
COMP	composition	KIT	kitchen	SGFT	structural glazed facing tile
CONC	concrete	LBL	label	SM	similar
CMU	concrete masonry unit	LAM	laminate	SC	solid core
CONST	construction	LAV	lavatory	S	south
CONT	continuous or continue	LH	left hand	SPEC	specification
CLL	contract limit line	L	length	SP	square
CJ	control joint	LT	light	STD	standard
CG	corner guard	LT WT	light weight	STC	sound transmission class
CORR	corridor	LF	linear foot	STL	steel
CRS	course (s)	LL	live load	STOR	storage
CF	cubic feet	MH	manhole	STRUCT	structure
CY	cubic yard	MFR	manufacturer	SYM	symmetry (ical)
DEPT	department	MAS	masonry	SUSP	suspended
DTL	diameter	MTL	metal	SYS	system
DIAM	diameter	MCH	mechanical	TEL	telephone
DISP	dispenser	MED	medium	TV	television
DIV	division	MBR	member	TEMP	tempered
DR	door	MATL	material	TER	terrazzo
DBL	double	M	meter	THR	thick
DH	double hung	MM	millimeter	T&G	tongue and groove
DN	down	MIN	minimum	TC	top of curb
DS	downspout	MIR	mirror	TP	top of pavement
DWG	drawing	MISC	miscellaneous	TREAD	tread
DF	drinking fountain	MOD	modular	MTD	mounted
EA	each	NAT	natural	TWF	through wall flashing
E	east	NRC	noise reduction coefficient	TYP	typical
ELEC	expansion joint	NOM	nominal	UC	undercut
ELEC	electric (al)	N	north	UNF	unfurnished
EWC	electric water cooler	NIC	not in contract	UNO	unless noted otherwise
ELEV	elevation	NTS	not to scale	UR	urinal
EMER	emergency	NO	number	VB	vapor barrier
ENCL	enclosure	NO	number	VERT	vertical
EQUIP	equipment	OC	on center	VEST	vestibule
EST	estimate	OFF	office	VCT	vinyl composite tile
EXH	exhaust	OPNG	opening	VWC	vinyl wall covering
EXIST	existing	OPP	opposite	WH	wall hydrant
(E)	existing dimension	OPWSJ	open web steel joist	WF	waterproofing
EXP	exposed	OPPH	opposite hand	W	welded wire fabric
EXT	exterior	OD	outside diameter	W	west
EIFS	exterior insulation finish system	OA	overall	WT	weight
FCC	face of concrete	OH	overhead	WN	window
FOM	face of masonry	PT	pressure treated	W/	with
FOS	face of studs	PTD	painted	W/O	without
FF	finish floor	PVMT	pavement	WD	wood
FIN	finish (ed)				
FIXT	fixture				

SYMBOLS

DRAWING TITLE		DRAWING NUMBER	A2.1
BUILDING ELEVATION		DRAWING SCALE	1/8" = 1'-0"
BUILDING/WALL SECTION		SHEET NUMBER	
DETAIL		DRAWING NUMBER	
ELEVATION DATUM		SHEET NUMBER	

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	Partial Roof Plan - New Work
A1.5	Roof Details
A1.6	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:
NEW HIGH SCHOOL BUILDING FOR THE LYNCHBURG VIRGINIA SCHOOL BOARD
DATED FEB. 1948
REVISED MAY, 1950
VOCATIONAL SHOP BUILDING
E.C. GLASS HIGH SCHOOL
LYNCHBURG CITY
DATED MAY 20, 1965
REVISED JUNE 18, 1965
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.

PATH & FILENAME: P:\3505 E.C. Glass Roof Phase 3\Drawn\3505_cs101.dgn
PLOT DATE: 3/7/2015
PLOT TIME: 8:06:10 AM

© Dominion Seven Architects, P.L.C.
Unauthorized reproduction is prohibited. Use of this work in whole or in part without the expressed written consent of Dominion Seven Architects, P.L.C.

PROJECT NUMBER:
3505
ISSUE DATE:
MARCH 31, 2015

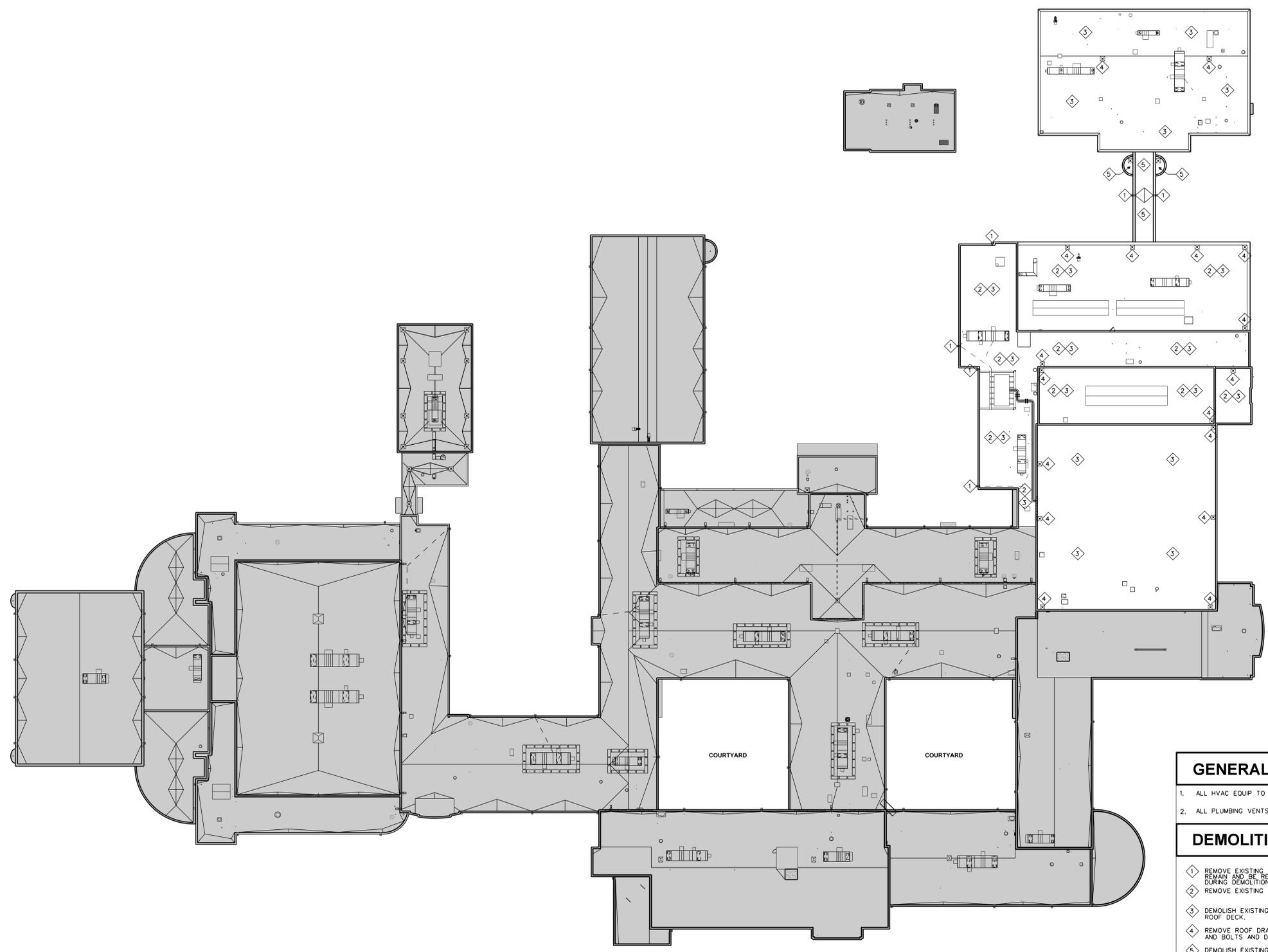
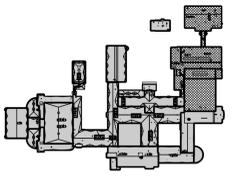
REVISIONS:



SHEET TITLE:
COVER SHEET

SHEET NUMBER:

CS1.1



GENERAL DEMOLITION NOTES

1. ALL HVAC EQUIP TO REMAIN.
2. ALL PLUMBING VENTS, ROOF HATCHES 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 ROOFAND 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 EXISTING EPDM ROOF AND INSULATION DOWN TO EXISTING ROOF DECK.

ASBESTOS CONTAINING ROOF MATERIAL

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

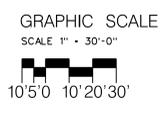
ROOF DRAIN NOTE

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.



1000 Jefferson Street
Suite 2A
Lynchburg, Virginia 24504
434.528.4300
434.528.4756 fax

**LYNCHBURG
CITY SCHOOLS
E.C. GLASS
HIGH SCHOOL
REROOFING -
PHASE 3**

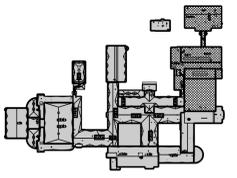
LYNCHBURG,
VIRGINIA

CITY PROJECT NO:
YS-720

© Dominion Seven Architects, P.L.C.
This drawing is the property of Dominion Seven Architects, P.L.C. and is to be used only for the project and site identified herein. No part of this drawing may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without the prior written consent of Dominion Seven Architects, P.L.C.

PROJECT NUMBER:
3505
ISSUE DATE:
MARCH 31, 2015

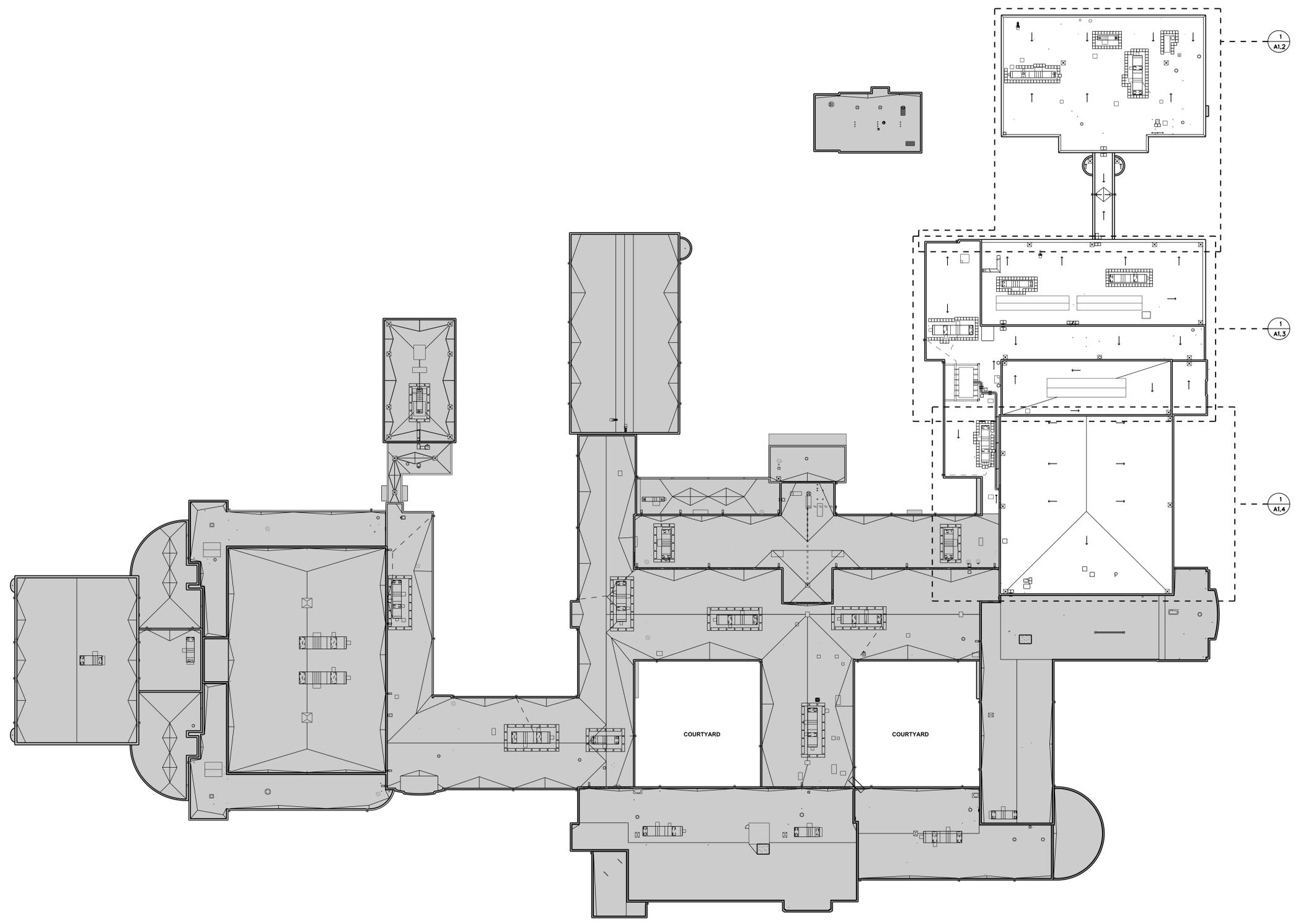
REVISIONS:



SHEET TITLE:
OVERALL ROOF PLAN

SHEET NUMBER:

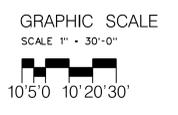
A1.1



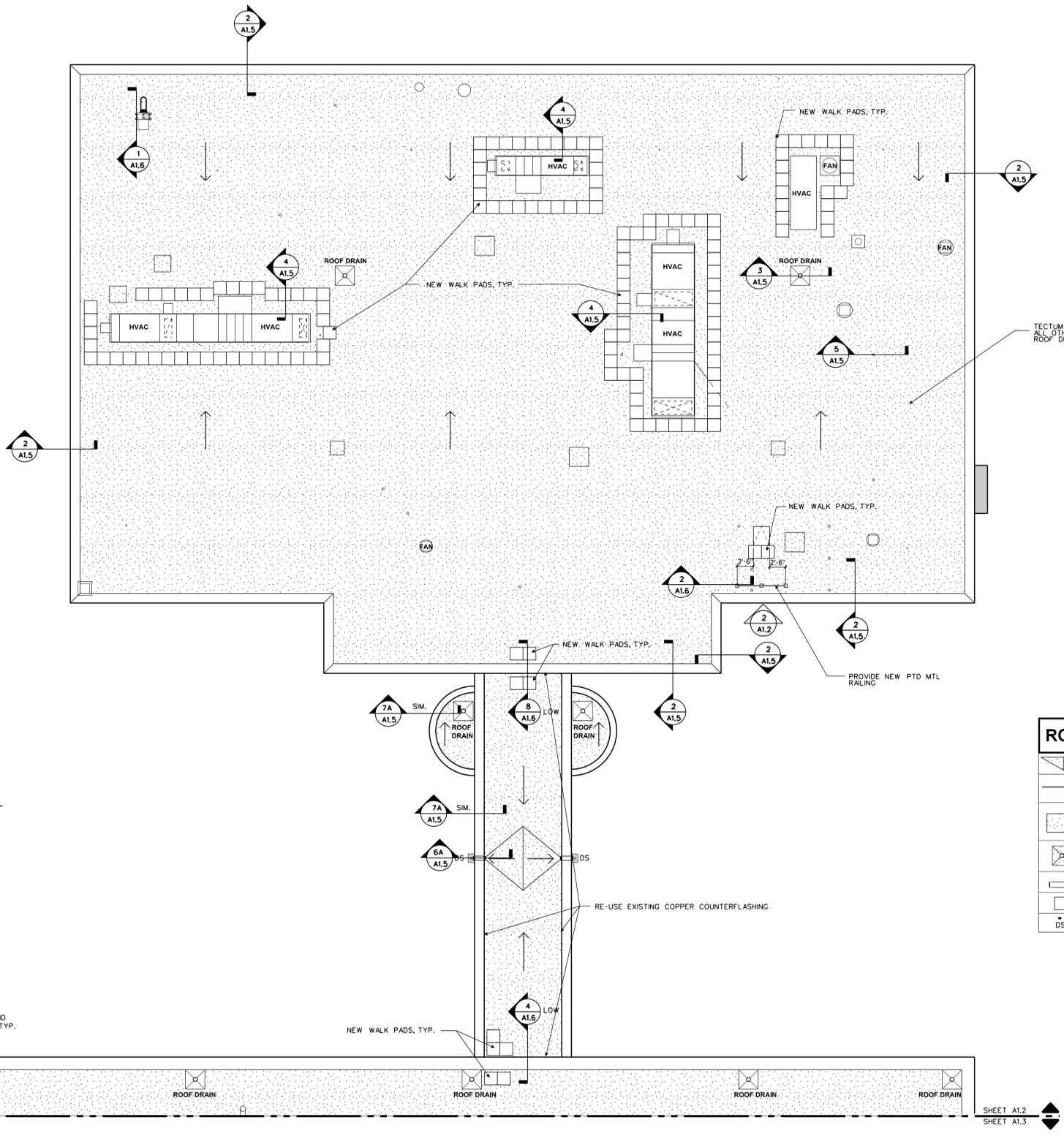
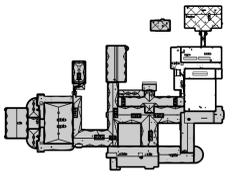
1
A1.1
**OVERALL
ROOF PLAN**
1" = 30'-0"



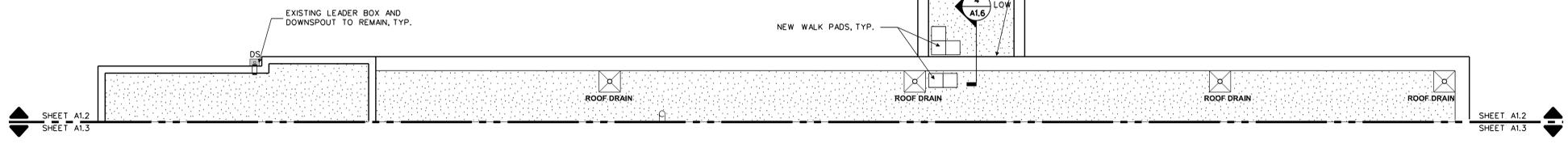
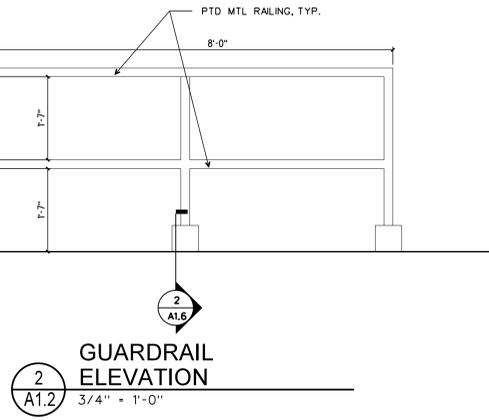
NOTE: NO WORK IN GREY SHADED AREAS.



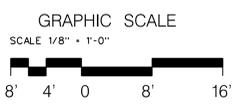
PATH & FILENAME: P:\3505 E.C. Glass Roof Phase 3\Drawn\3505_A101.dgn
PLOT DATE: 7/17/2015
PLOT TIME: 8:06:20 AM



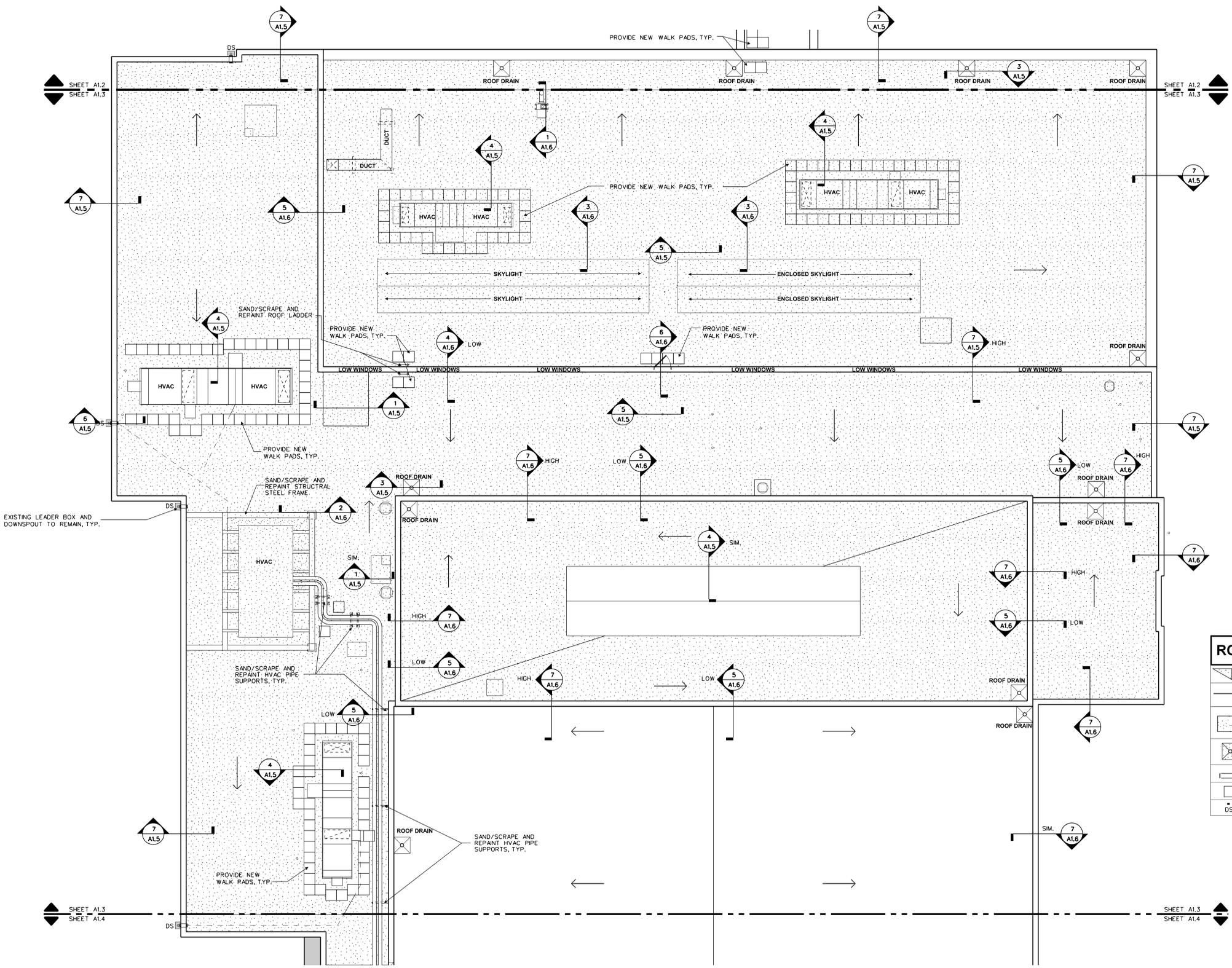
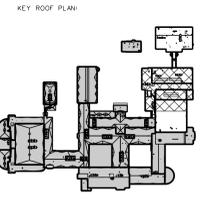
ROOF LEGEND	
	CRICKET (TAPERED INSUL.)
	DIRECTION OF ROOF SLOPE
	AREA TO RECEIVE TAPERED INSULATION TO ROOF DRAIN
	EXISTING ROOF DRAIN, PROVIDE NEW CLAMPING RING
	SCUPPER
	NEW WALK PAD
	EXISTING DOWNSPOUT AND LEADER BOX TO REMAIN



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

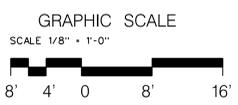


NOTE: CONTRACTOR TO CAULK ALL JOINTS IN COPING STONES, TYP.



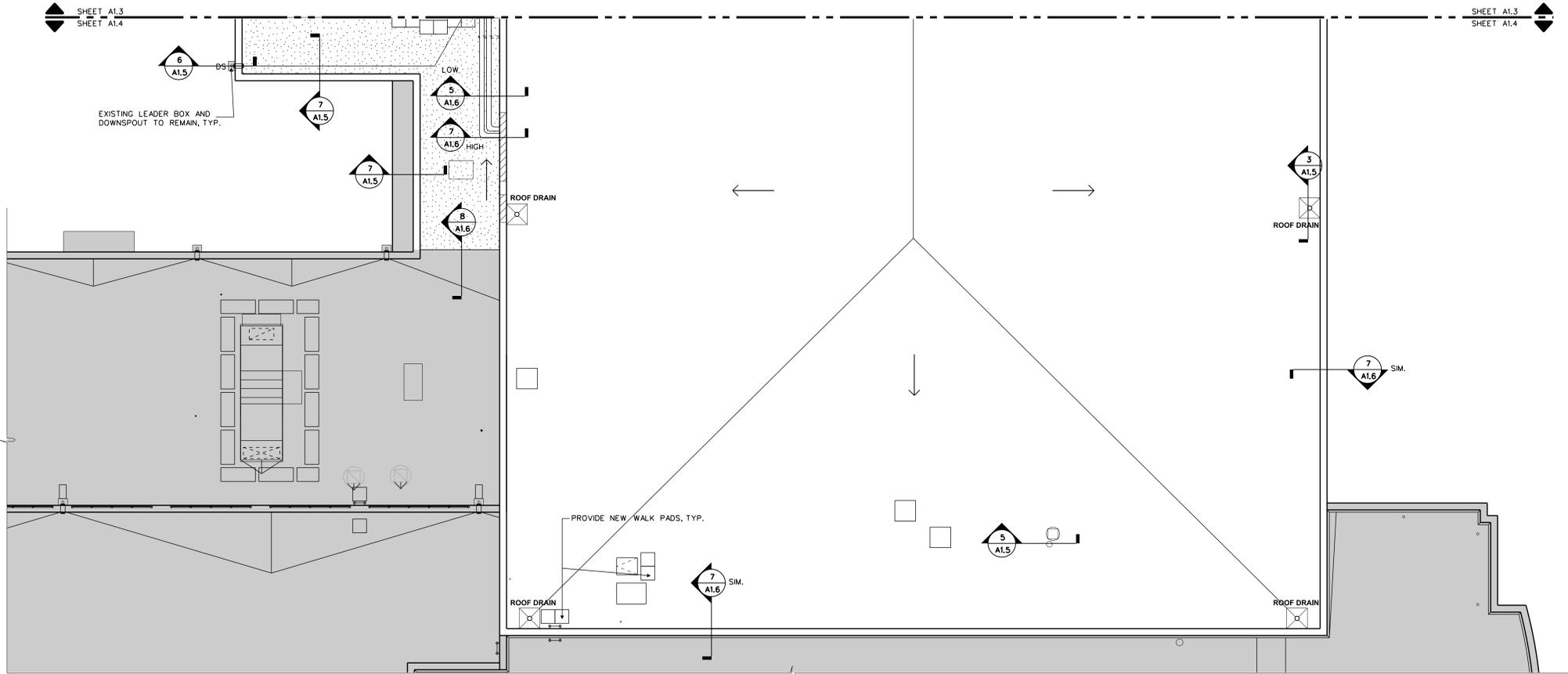
ROOF LEGEND	
	CRICKET (TAPERED INSUL.)
	DIRECTION OF ROOF SLOPE
	AREA TO RECEIVE TAPERED INSULATION TO ROOF DRAIN
	EXISTING ROOF DRAIN, PROVIDE NEW CLAMPING RING
	SCUPPER
	NEW WALK PAD
	EXISTING DOWNSPOUT AND LEADER BOX TO REMAIN

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



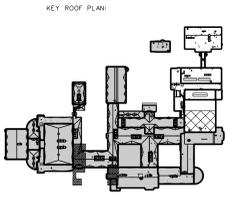
NOTE: CONTRACTOR TO CAULK ALL JOINTS IN COPING STONES, TYP.

PATH & FILENAME: P:\3505 E. C. Glass Roof Phase 3\DWG\3505_A103.dgn
PLOT DATE: 3/31/2015
PLOT TIME: 8:06:47 AM



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

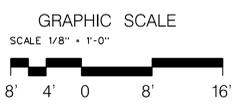
ROOF LEGEND	
	CRICKET (TAPERED INSUL.)
	DIRECTION OF ROOF SLOPE
	AREA TO RECEIVE TAPERED INSULATION TO ROOF DRAIN
	EXISTING ROOF DRAIN, PROVIDE NEW CLAMPING RING
	SCUPPER
	NEW WALK PAD
	EXISTING DOWNSPOUT AND LEADER BOX TO REMAIN



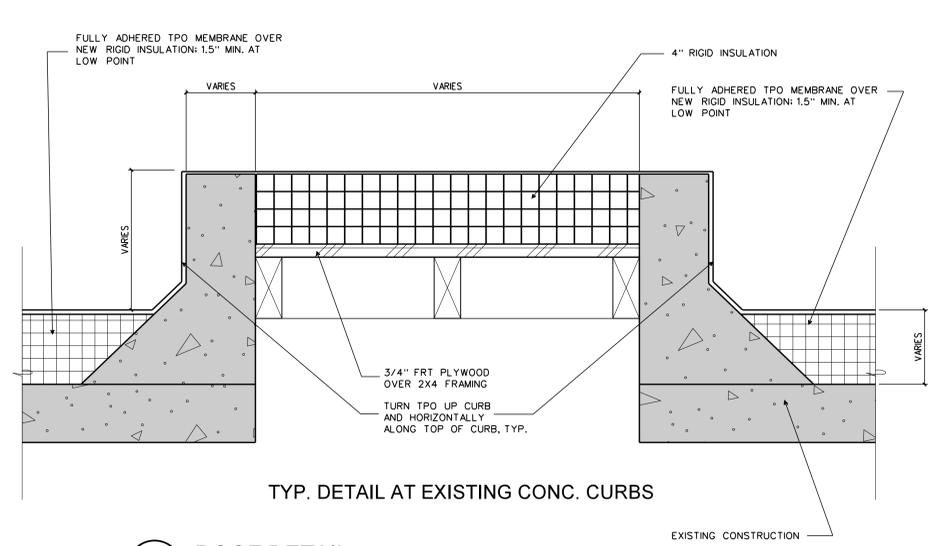
SHEET TITLE:
 PARTIAL ROOF PLAN -
 NEW WORK

SHEET NUMBER:

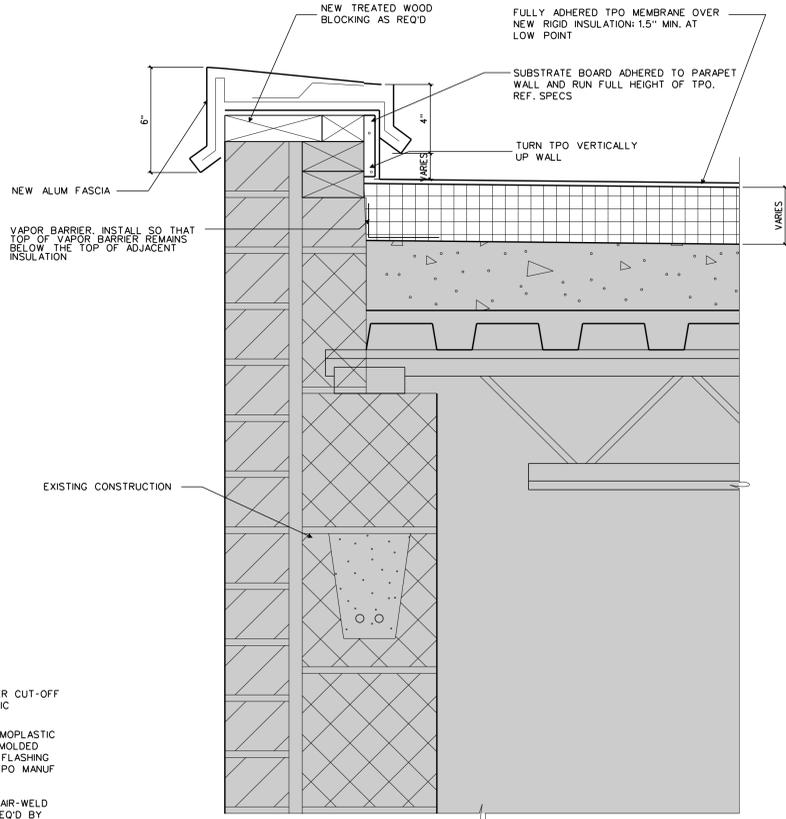
A1.4



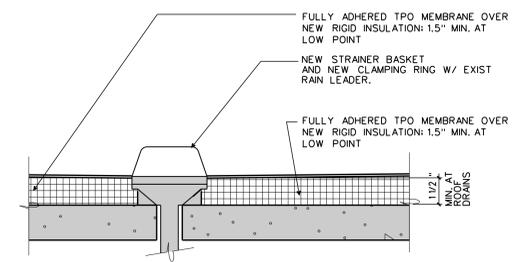
NOTE: CONTRACTOR TO CAULK ALL JOINTS IN COPING STONES, TYP.



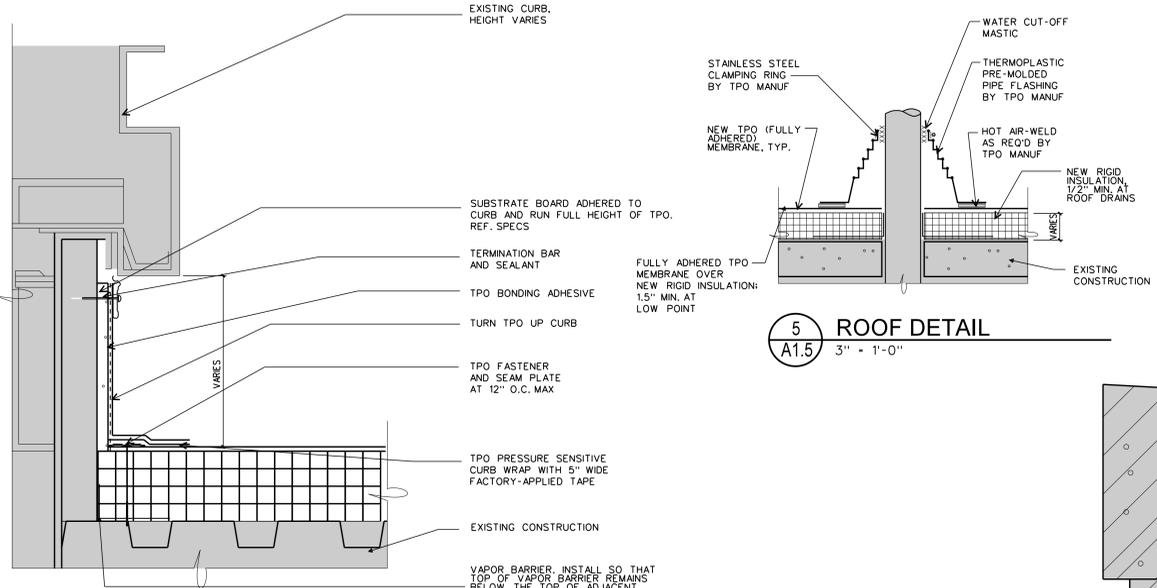
1 ROOF DETAIL
A1.5 3" = 1'-0"



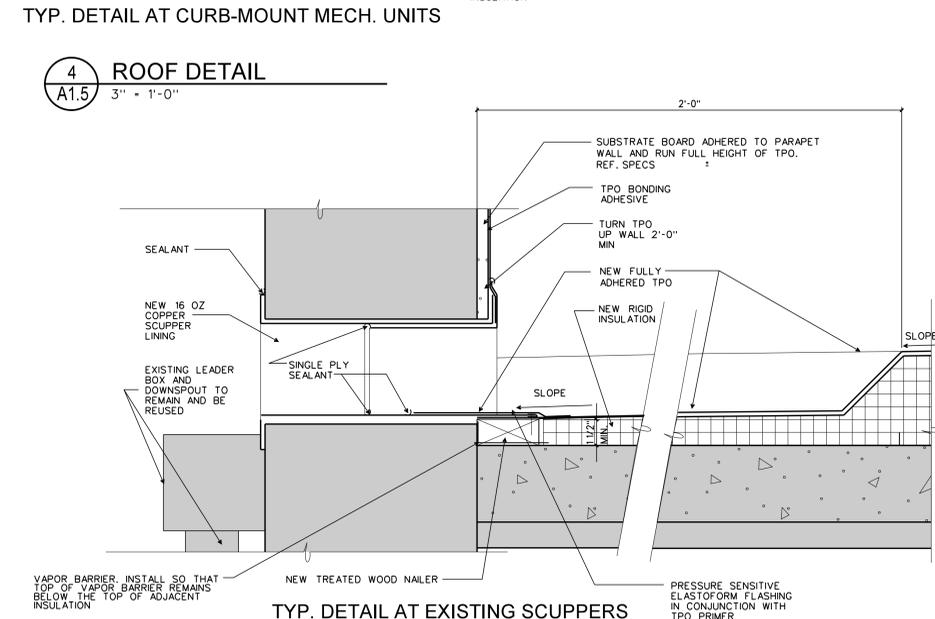
2 ROOF DETAIL
A1.5 3" = 1'-0"



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

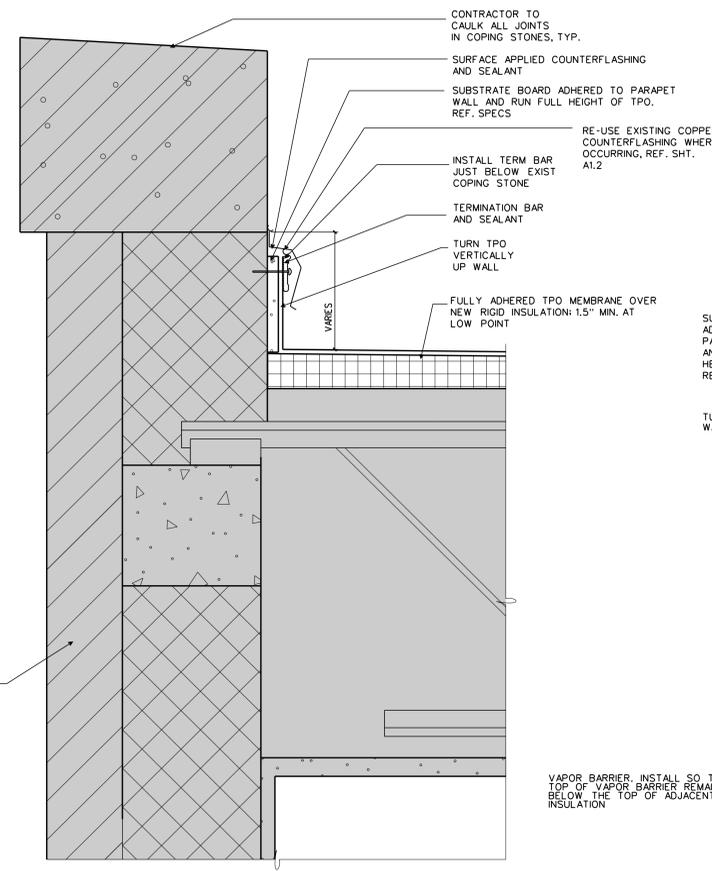


5 ROOF DETAIL
A1.5 3" = 1'-0"



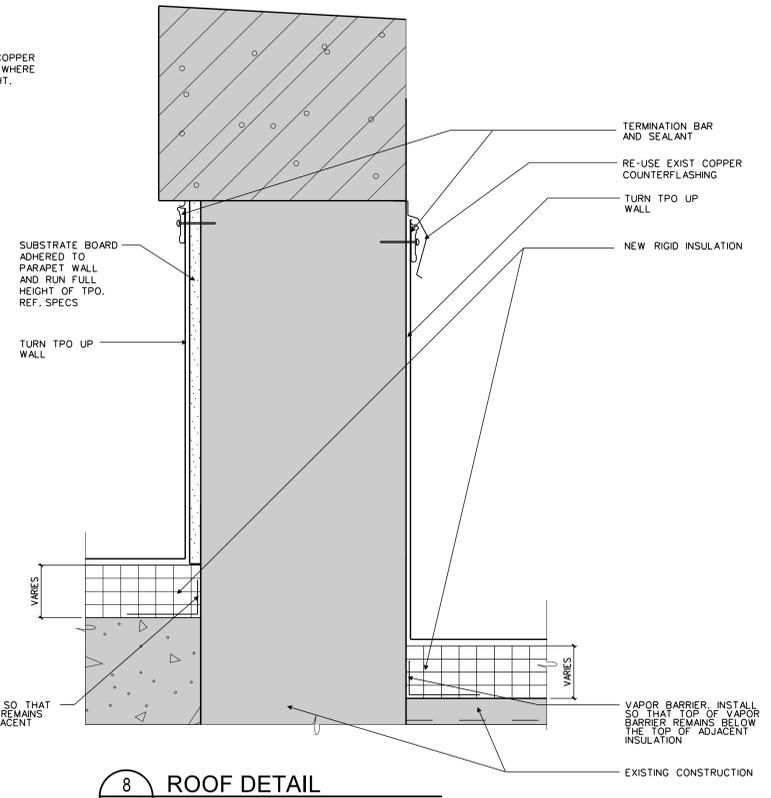
6 ROOF DETAIL
A1.5 3" = 1'-0"

6A METAL ROOF DECK
A1.5



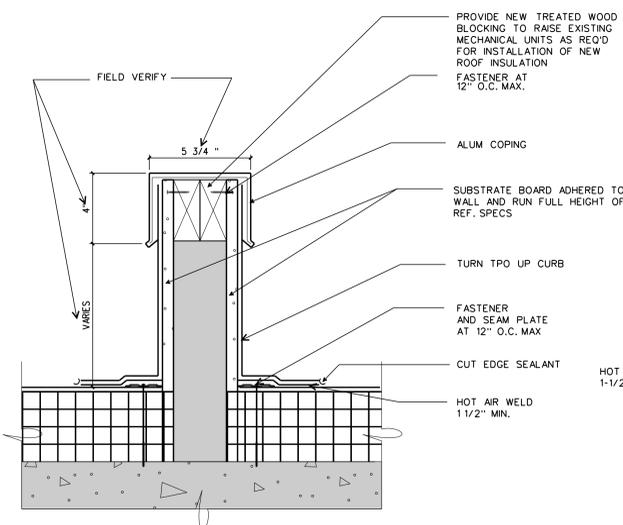
7 ROOF DETAIL
A1.5 3" = 1'-0"

7A METAL ROOF DECK
A1.5

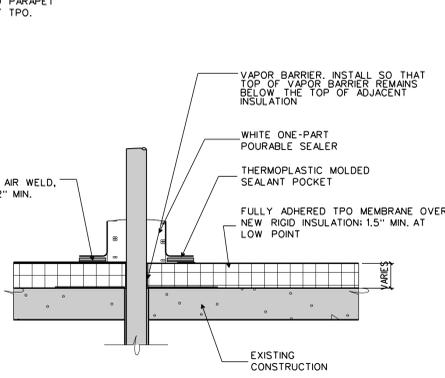


8 ROOF DETAIL
A1.5 3" = 1'-0"

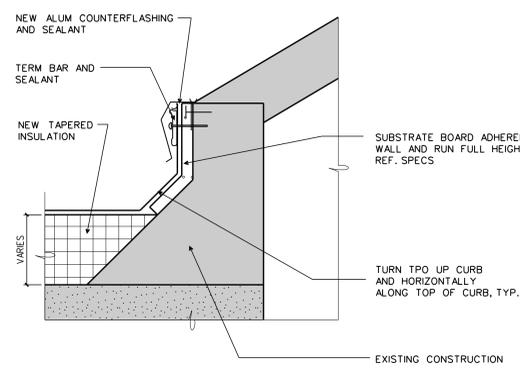
PATH & FILENAME: P:\3505 E.C. Glass Roof Phase 3\ADON3505_A105.dft.dgn
PLOT DATE: 7/17/2015
PLOT TIME: 8:09:24 AM



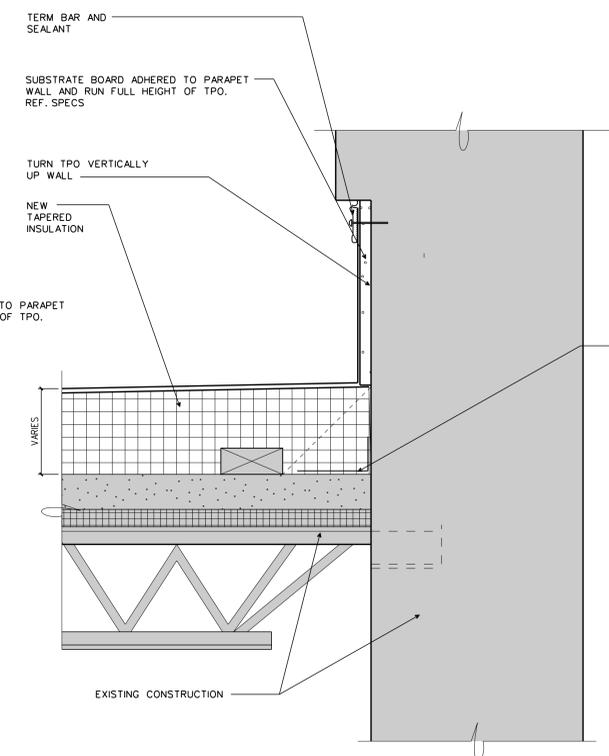
1 ROOF DETAIL
 A1.6 1 1/2" = 1'-0"



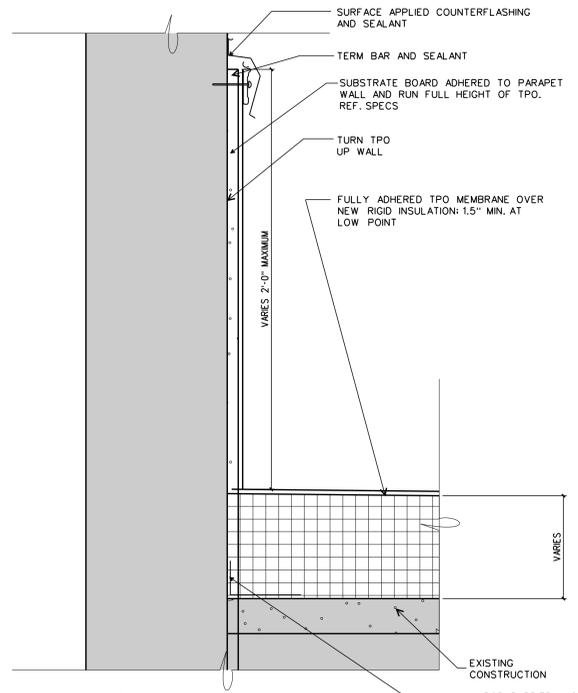
2 ROOF DETAIL
 A1.6 3" = 1'-0"



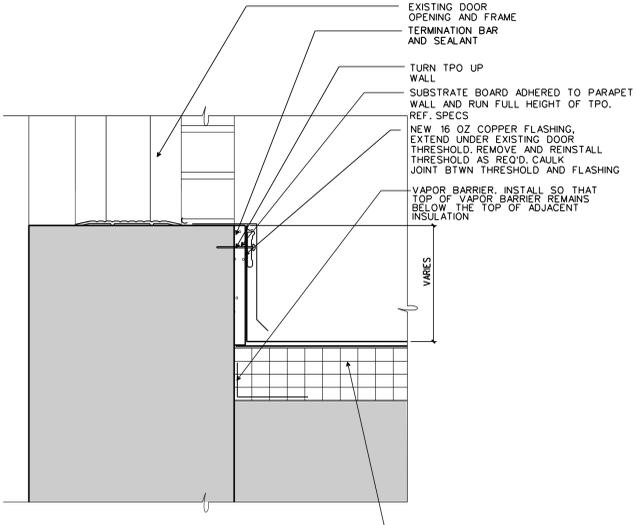
3 ROOF DETAIL
 A1.6 3" = 1'-0"



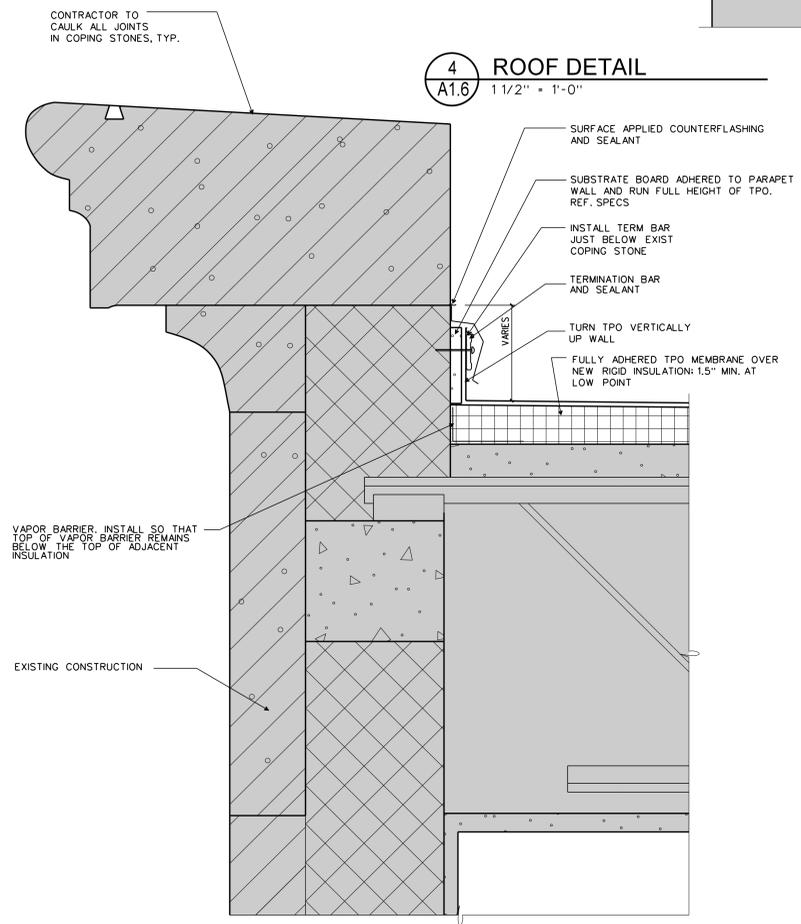
4 ROOF DETAIL
 A1.6 1 1/2" = 1'-0"



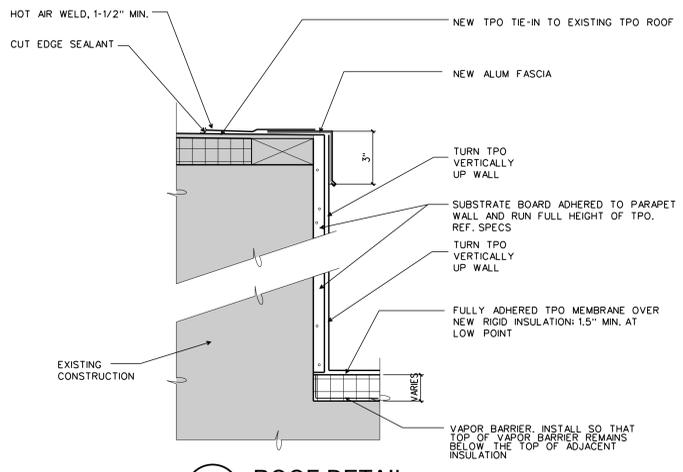
5 ROOF DETAIL
 A1.6 1 1/2" = 1'-0"



6 ROOF DETAIL
 A1.6 1 1/2" = 1'-0"



7 ROOF DETAIL
 A1.6 1 1/2" = 1'-0"



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

