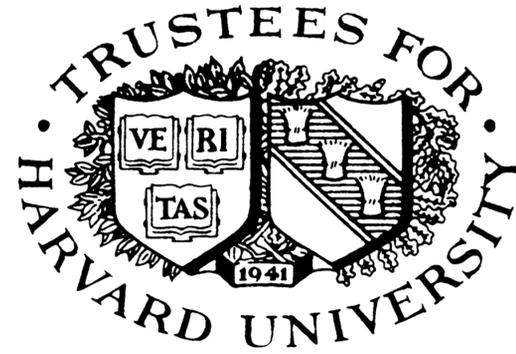


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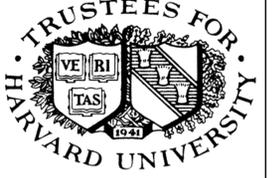


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DUMBARTON OAKS ROOF REPLACEMENT

1703 32nd St NW
Washington DC 20007
Square 2155
Lot 812
Ward 2



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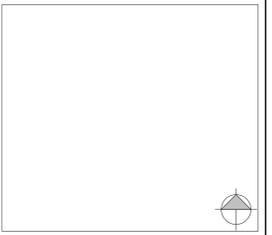
SUB-CONTRACTOR:

REVISION HISTORY:
DATE: 05/05/21
ISSUED FOR: CONSTRUCTION DOCUMENTS

USE DISCLAIMER:



LOTS MAP:



PROJECT NAME:

ROOF REPLACEMENT

DRAWING TITLE:

COVER SHEET

CAD FILE NAME: 20048.01

DRAWING SCALE: As indicated

DRAWING NUMBER: G-001 SHEET NUMBER: 1 OF 7

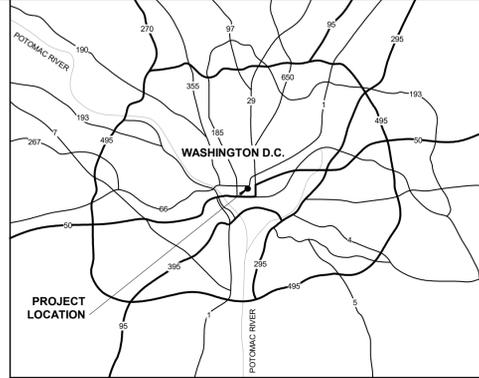
ARCHITECTURAL ABBREVIATIONS

A	MEDICAL GAS - AIR	EQ	EQUAL	MO	MASONRY OPENING	SUSP	SUSPENDED
AC	ACOUSTICAL	EQUIP	EQUIPMENT	MTL	METAL	T	TREAD
ACP	ACOUSTICAL CEILING	EWC	ELECTRIC WATER COOLER	NCS	NURSE CALL STATION	TBD	TO BE DETERMINED
ADJ	ADJUSTABLE	EXH	EXHAUST	NIC	NOT IN CONTRACT	TC	TOP OF CURB
AFF	ABOVE FINISH FLOOR	EXIST	EXISTING	NO	NUMBER	TEL	TELEPHONE
AHU	AIR-HANDLING UNIT	EXP	EXPANSION	NOM	NOMINAL	THOLD	THRESHOLD
AII	AIRBORNE INFECTION ISOLATION	EXT	EXTERIOR	NTS	NOT TO SCALE	TOS	TOP OF SLAB
ALUM	ALUMINUM	FD	FLOOR DRAIN	OC	ON CENTER	TOS	TOP OF STEEL
BLDG	BUILDING	FE	FIRE EXTINGUISHER WITH BRACKET	OD	OUTSIDE DIAMETER	TOW	TOP OF WALL
BMS	BEAMS	FEC	FE CABINET WITH FE	OH	OVERHEAD	TTD	TOILET TISSUE DISPENSER
BO	BOTTOM OF	FIN	FINISH	OD	OPENING	TWC	TEXTILE WALL COVERING
BOD	BOTTOM OF DECK	FLR	FLOOR	OPG	OPPOSITE HAND	TYP	TYPICAL
BUR	BUILT-UP ROOFING	FNV	FEMININE NAPKIN/TAMPON VENDOR	OPP	OPPOSITE HAND	UL	UNDERWRITERS LABORATORY
C	CHANNEL	OX	MEDICAL GAS - OXYGEN	PE	PROTECTIVE ENVIRONMENT	UON	UNLESS OTHERWISE NOTED
CB	CERAMIC BASE	FO	FACE OF	PL	PLATE	V	MEDICAL GAS - VACUUM
CG	CORNER GUARD	FRT	FIRE RETARDANT TREATED	PLAM	PLASTIC LAMINATE	VB	VINYL BASE
CJ	CONTROL JOINT	GA	GAUGE	PLYWD	PLYWOOD	VCT	VINYL COMPOSITION TILE
CLG	CEILING	GALV	GALVANIZED	PNT	PAINT(ED)	VERT	VERTICAL
CLR	CLEAR	GEN	GENERAL	PSF	POUNDS PER SQUARE FOOT	VIF	VERIFY IN FIELD
CMU	CONCRETE MASONRY UNIT	GOV'T	GOVERNMENT	PR	PAIR	VWC	VINYL WALL COVERING
COL	COLUMN	GP	GLAZED PARTITION	PSF	POUNDS PER SQUARE FOOT	W	WIDE
CONC	CONCRETE	GWB	GYPSPUM WALLBOARD	PT	PRESERVATIVE TREATED	w/	WITH
CONST	CONSTRUCTION	H	HIGH	PTD	PAPER TOWEL DISPENSER	WB	WOOD BASE
CONT	CONTINUOUS	HB	HOSE BIB	R	RISER	WD	WOOD
COORD	COORDINATE	HM	HOLLOW METAL	RB	RUBBER BASE	WF	WIDE FLANGE
CORR	CORRIDOR	HR	HORIZONTAL	REIN'	REINFORCED	WR	WATER RESISTANT
CPT	CARPET	HT, HGT	HEIGHT	REC'D	REQUIRED	WWF	WELDED WIRE FABRIC
CRS	COURSE	INSUL	INSULATION	RM	ROOM		
CT	CERAMIC TILE	INT	INTERIOR	RO	ROUGH OPENING		
CTG	COATING	INV	INVERT	S	SLIDE		
D	DEEP	JAN	JANITOR	SECT	SECTION		
DF	DRINKING FOUNTAIN	JST	JOIST	SF	SQUARE FEET		
DIA	DIAMETER	JT	JOINT	SHT	SHEET		
DIA	DIAGONAL	MACH	MACHINE	SIM	SIMILAR		
DIM	DIMENSION	MAS	MASONRY	SPEC	SPECIFICATION(S)		
DN	DOWN	MAX	MAXIMUM	SQ IN	SQUARE INCH		
DR	DOOR	MECH	MECHANICAL	SS	STAINLESS STEEL		
DS	DOWNSPOUT	MEZZ	MEZZANINE	SSM	SOLID SURFACE MATERIAL		
DTL	DETAIL	MFR	MANUFACTURER	ST	STREET		
DWG	DRAWING	MH	MOUNTING HEIGHT	STD	STANDARD		
EJ	EXPANSION JOINT	MIN	MINIMUM	STL	STEEL		
EL	ELEVATION	MISC	MISCELLANEOUS	STN	STAIN		
ELEC	ELECTRICAL			STR	STRUCTURAL		
ELEV	ELEVATOR						
EP	ELECTRICAL PANELBOARD						

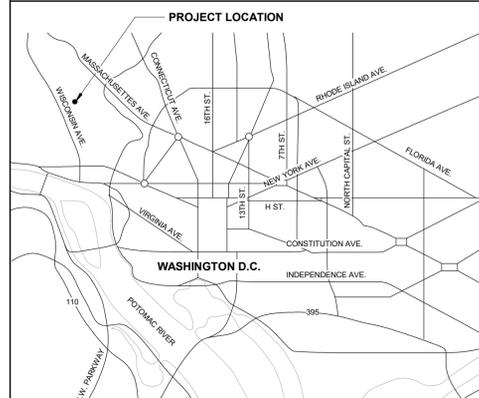
ARCHITECTURAL MATERIALS & SYMBOLS

	EARTH		ACOUSTICAL INSULATION (LOOSE OR BATT)
	POROUS FILL		THERMAL INSULATION
	CONCRETE		FINISH WOOD
	PLASTER, GYPSUM OR MORTAR		ROUGH WOOD
	BRICK		PLYWOOD
	CONCRETE MASONRY UNIT (CMU)		METAL
	DETAIL, PLAN OR SECTION		EXISTING ELEVATION / LEVEL
	INTERIOR ELEVATION		CONTROL ELEVATION / LEVEL
	BUILDING ELEVATION OR SECTION		DOOR TYPE SEE SHEET A-600
	COLUMN DESIGNATION		PARTITION TYPE SEE SHEET A-601
	WINDOW OR LOUVER TYPE		EQUIPMENT TYPE
	CASEWORK TYPE		DRAWING NOTE
	REVISION NUMBER		PHOTO LOCATION
	ROOM NAME		
	ROOM TAG: ROOM NAME, NUMBER, AREA		
	SHEET NUMBER		
	SUB-AREA OF BUILDING		
	AREA OF BUILDING		
	BUILDING LEVEL / FLOOR OR DRAWING NUMBER		
	DRAWING SUB-TYPE		
	DRAWING TYPE		
	SHEET DISCIPLINE		

VICINITY MAP

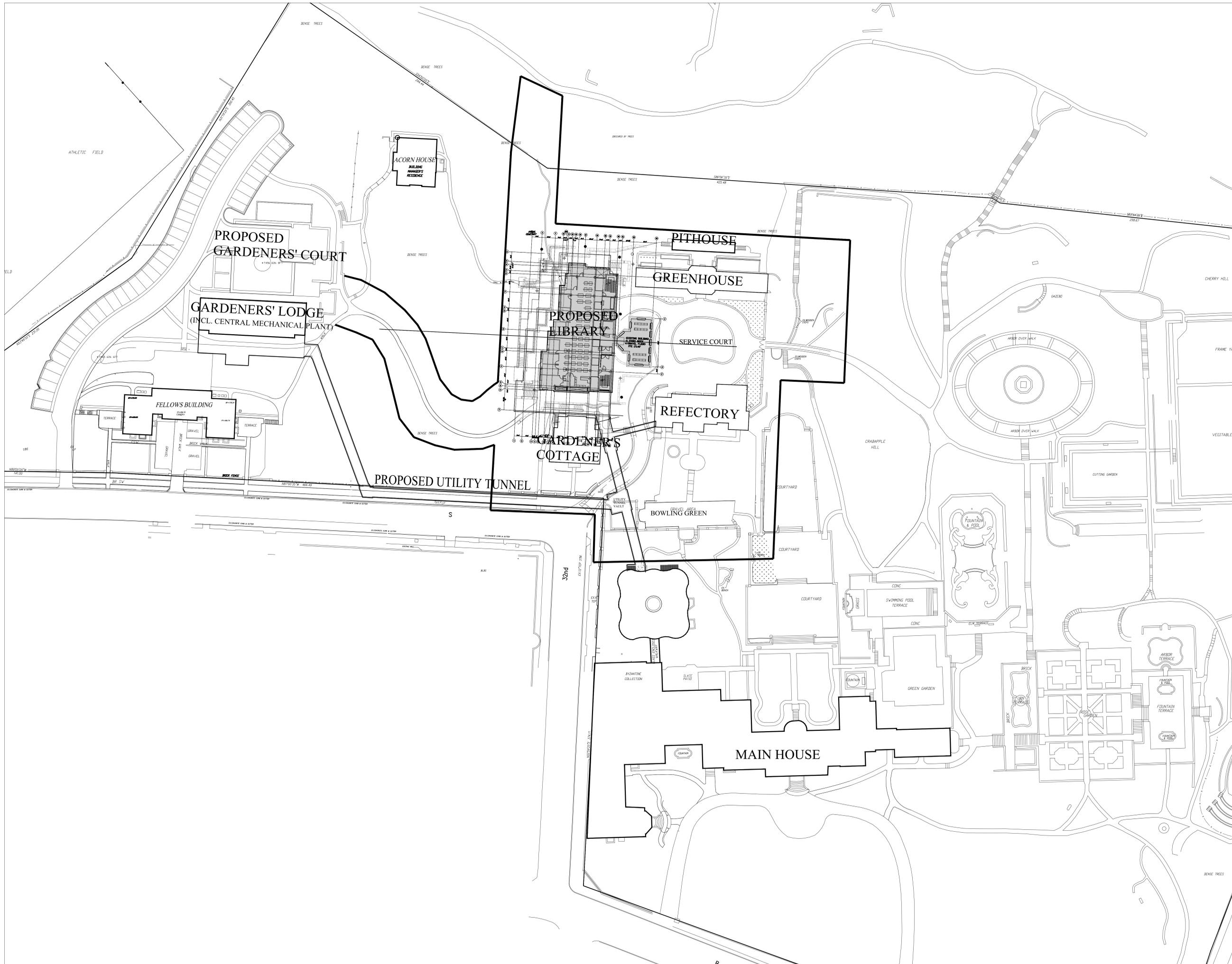


LOCATION MAP



DRAWING INDEX

GENERAL	G-001	COVER SHEET
	G-002	CODE COMPLIANCE
ARCHITECTURAL	A-118	ROOF DEMOLITION PLAN
	A-119	ROOF CONSTRUCTION PLAN
	A-510	EXTERIOR ROOF DETAILS
	A-511	EXTERIOR ROOF DETAILS
	A-512	EXTERIOR ROOF DETAILS



**DUMBARTON
OAKS**



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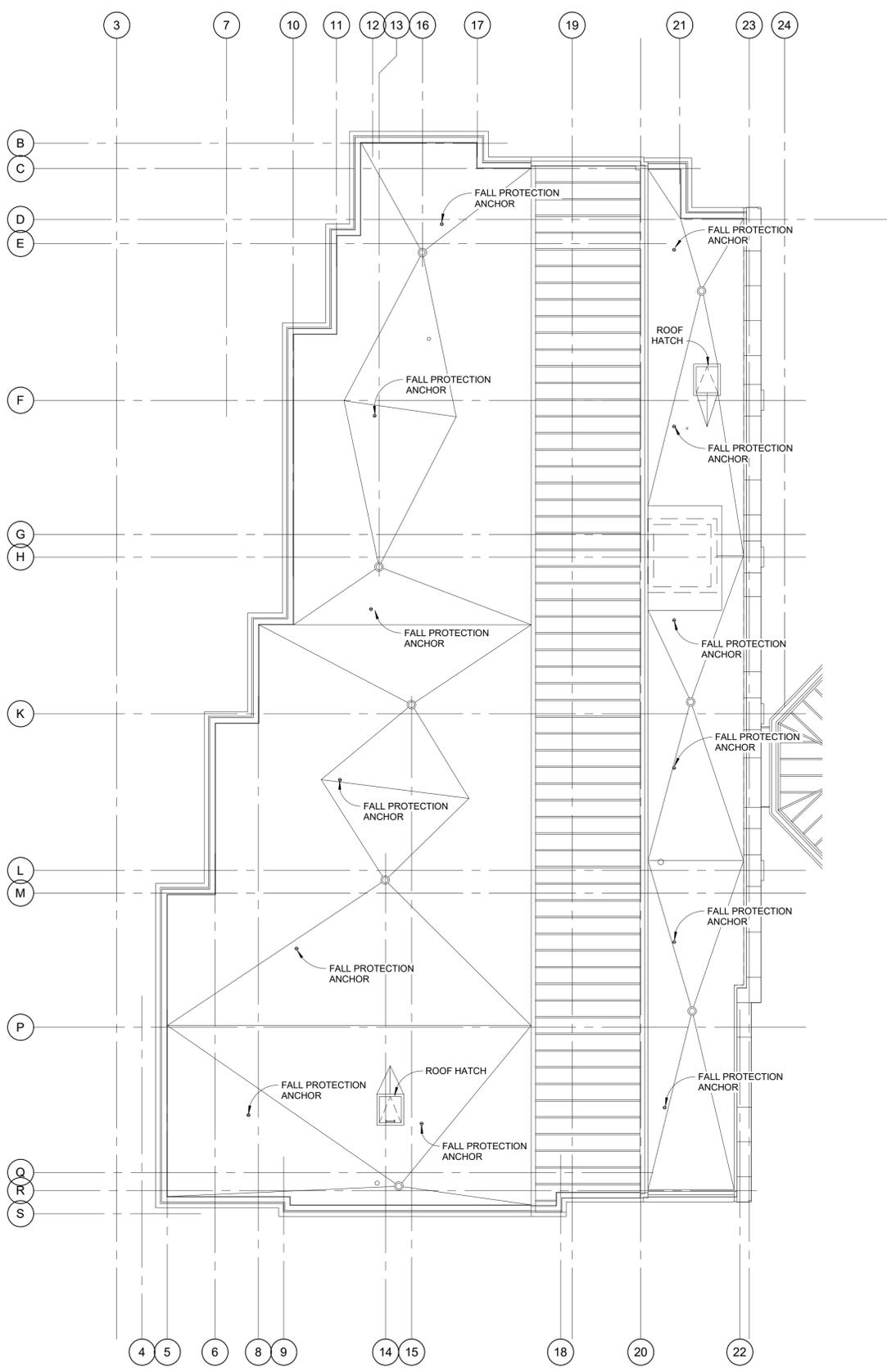
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FOR RECORD
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 PLAN

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1 ROOF CODE COMPLIANCE PLAN
G-002 SCALE: 1/8" = 1'-0"

CODE DATA SCHEDULE

PROJECT DESCRIPTION
REMOVE EXISTING ROOFING SYSTEM AND REPLACE IN KIND. UPDATE INSULATION VALUE TO CURRENT CODE REQUIREMENTS.

JURISDICTION
GEORGETOWN, WASHINGTON D.C.

- APPLICABLE CODES & REGULATIONS**
- 2017 DC BUILDING CODE (IBC 2015)
 - 2017 DC EXISTING BUILDING CODE (IEBC 2015)
 - 2017 DC FIRE CODE (FC 2015)
 - 2015 NFPA 101 LIFE SAFETY CODE (NFPA 101)
 - 2017 DC ENERGY CONSERVATION CODE (IECC 2015)
 - 2017 DC MECHANICAL CODE (MC 2015)
 - 2017 DC PLUMBING CODE (IPC 2015)
 - 2017 DC ELECTRICAL CODE (NFPA 70 2014)
 - 2017 DC FUEL GAS CODE (IFGC 2015)
 - 2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES DC
 - GEORGETOWN LOCAL AMENDMENTS

CONSTRUCTION TYPE

BUILDING AREA	IBC SECTION 602	NFPA 220 (NFPA 101 TABLE A.8.2.1.2)
EXISTING	II C, SPRINKLERED (LEVEL 3,4,5) IB, SPRINKLERED (LEVEL 1,2)	II (111)

IEBC CLASSIFICATION OF WORK (CHAPTER 5)

BUILDING AREA	CLASSIFICATION OF WORK
SCOPE OF WORK	LEVEL 1 ALTERATIONS

ENERGY CODE MINIMUM PARAMETERS

CLIMATE ZONE: 4 EXCEPT MARINE, ALL OTHER (NOT GROUP R)
(IECC TABLES C402.1.2, C404.2, C402.3)

INSULATION VALUES:
ROOF/CEILING:
ABOVE DECK: R-33gi OR U-0.030
ATTIC AND OTHER: R-38 OR U-0.027

MAX AIR INFILTRATION RATE (IECC TABLE C402.5.2):
WINDOWS AND SLIDING/SWINGING DOORS: 0.20 CFM/SF
STOREFRONT GLAZING / CURTAIN WALLS: 0.06 CFM/SF
COMMERCIAL GLAZED SWINGING ENTRANCE DOORS: 1.00 CFM/SF
SKYLIGHTS: N/A
GARAGE, ROLLING, HIGH-SPEED DOORS: N/A

- NOTES:**
1. "ci" INDICATES CONTINUOUS INSULATION: (PER ASHRAE 90.1) INSULATION THAT IS CONTINUOUS ACROSS ALL STRUCTURAL MEMBERS WITHOUT THERMAL BRIDGES OTHER THAN FASTENERS AND SERVICE OPENINGS. IT IS INSTALLED ON THE INTERIOR, EXTERIOR, OR IS INTEGRAL TO ANY OPAQUE SURFACE OF THE BUILDING ENVELOPE. "FASTENERS" IS TO INCLUDE NAILS, SCREWS, BOLTS, TIES, AND THE LIKE. "FASTENERS" IS NOT TO INCLUDE FURRING STRIPS, ATTACHEMENT CLIPS, AND OTHER LARGE THERMAL BRIDGES EXCEPT AS REQUIRED AT SERVICE OPENINGS, FENESTRATION OPENINGS, AND FLASHING AT TRANSITIONS OF MATERIALS. METHODS TO PROVIDE THERMAL BREAKS AT FASTENER PENETRATIONS, SERVICE OPENINGS, AND FENESTRATION OPENINGS IS STRONGLY ENCOURAGED WHEREVER FEASIBLE.
 2. R-VALUES ARE MINIMUM ALLOWABLE.
 3. SHGC, CFM, U/C/F-FACTOR VALUES ARE MAXIMUM ALLOWABLE.
 4. * PER IECC TABLE C402.4, SHGC CAN BE ADJUSTED BASED ON ORIENTATION AND PROJECTION FACTOR (PF) FOR EACH FENESTRATION ASSEMBLY.
 5. PER IEBC 811, IECC 2015 REQUIREMENTS SHALL APPLY TO ALL ALTERATIONS WITHIN THE WORK AREA. HOWEVER, EXISTING CONSTRUCTION NOT BEING ALTERED AND PORTIONS OF THE BUILDING OUTSIDE OF THE WORK AREA SHALL NOT BE REQUIRED TO COMPLY WITH IECC 2015.
 6. AN AIR BARRIER SHALL BE SUPPLIED PER IECC 2012, SECTION 402.4. THE AIR BARRIER SHALL BE CONTINUOUS WITH ALL JOINTS AND TRANSITIONS SEALED.

RISK CATEGORY & RELATED REQUIREMENTS

RISK CATEGORY: III, ASSEMBLY > 300 OCCUPANTS (IBC TABLE 1604.5)
RISK CATEGORY II ULTIMATE DESIGN WIND SPEED (VULT) (FIGURE 1609.3(1)): 115 MPH.
RISK CATEGORY III AND IV ULTIMATE DESIGN WIND SPEED (VULT) (FIGURE 1609.3(2)): 120 MPH.
RISK CATEGORY I ULTIMATE DESIGN WIND SPEED (VULT)(FIGURE 1609.3(3)): 105 MPH.
THE PROJECT IS IN A WIND-BORNE DEBRIS REGION (VULT > 130 MPH)

FIRE-RESISTANT PENETRATION & JOINTS (IBC SECTION 1705.17)

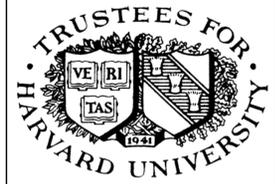
SPECIAL INSPECTIONS BY AN APPROVED AGENCY ARE REQUIRED FOR THROUGH PENETRATIONS, MEMBRANE PENETRATION FIRESTOPS, FIRE-RESISTANT JOINTS SYSTEMS AND PERIMETER FIRE BARRIER SYSTEMS.

CODE COMPLIANCE GENERAL NOTES

- A. FIRESTOP ALL FIRE RATED BARRIERS SHOWN ON THIS SHEET, PER SPECIFICATIONS WITH HILTI FS-100. THIS INCLUDES ALL PARTITIONS, EXISTING AND NEW WORK. ALL FIRESTOPPING SHALL BE UL LISTED FOR APPROPRIATE LOCATIONS AND RATINGS.
- B. IDENTIFY ALL FIRE RATED WALLS WITH SIGNS STATING THE REQUIRED RATING, SUCH AS: "X-HOUR FIRE WALL DO NOT PENETRATE" WHERE "X" IS THE ACTUAL RATING AND "WALL" IS REPLACED WITH "WALL", "BARRIER", OR "PARTITION" AS SHOWN ON LIFE SAFETY PLANS. WHERE THE FIRE RATED ASSEMBLY IS ALSO SMOKE-RATED, INDICATE "FIRE/SMOKE" IN PLACE OF "FIRE". FOR AESTHETIC REASONS, THIS REQUIREMENT DOES NOT APPLY TO WALLS INSIDE STAIRWELLS OR PUBLIC AREAS SUCH AS OFFICES, LOBBIES, CORRIDORS, ETC THAT DO NOT HAVE DROP-IN CEILINGS. IN AREAS WITH DROP CEILINGS, PAINT NOTIFICATION ON THE WALL ABOVE THE DROP/FINISH CEILING. IN MECHANICAL, ELECTRICAL, AND OTHER SIMILAR ROOMS, PLACE SIGNS AT 8'-0" ABOVE FINISH FLOOR LEVEL. SPACE SIGNS AT A MAXIMUM OF 10'-0" INTERVALS AT NO LESS THAN (1) PER ROOM. APPLY SIGNS USING FLUORESCENT RED OR ORANGE PAINT OVER STENCILS. LETTERS MUST BE A MINIMUM OF 4" IN HEIGHT. METAL, PLASTIC, OR PAPER DECAL SIGNS ARE NOT ACCEPTABLE. TAKE CARE WHEN APPLYING SIGNAGE TO PREVENT OVER-SPRAY ONTO ADJACENT FINISHES.
- C. INDICATED FIRE RATINGS REFLECT CURRENT CODE REQUIREMENTS. EXISTING CONSTRUCTION MAY NOT MEET ALL SPECIFIED CONSTRUCTION REQUIREMENTS. ALL NEW CONSTRUCTION IS TO MEET ALL CODE INDICATED FIRE CONSTRUCTION REQUIREMENTS
- D. NUISANCE/ODORS: REVIEW PRODUCT AND MATERIAL SAFETY DATA SHEETS (MSDS). PROHIBIT FINISH MATERIAL NUISANCE/ODOR ENTRAINMENT TO ADJACENT OCCUPIED AREAS OF BUILDING. COORDINATE PLACEMENT OF MATERIALS, NOTIFICATION OF OCCUPANTS AND TEMPORARY BLOCKAGE OR OUTAGE OF HVAC SYSTEM(S) WITH OWNER, PER SMACNA IAQ GUIDELINES. COMAR 26.11.06.08

ROOF REQUIREMENTS

RAINFALL INTENSITY AT THIS LOCATION PER IBC = 3.25"/60 MINUTES/100 YEAR FREQUENCY
ROOF SYSTEMS HAVE BEEN DESIGNED TO WITHSTAND WIND PRESSURES IN ACCORDANCE WITH ASCE 7 PER 1609.5, REFERENCE IBC 2015: 120 MPH.



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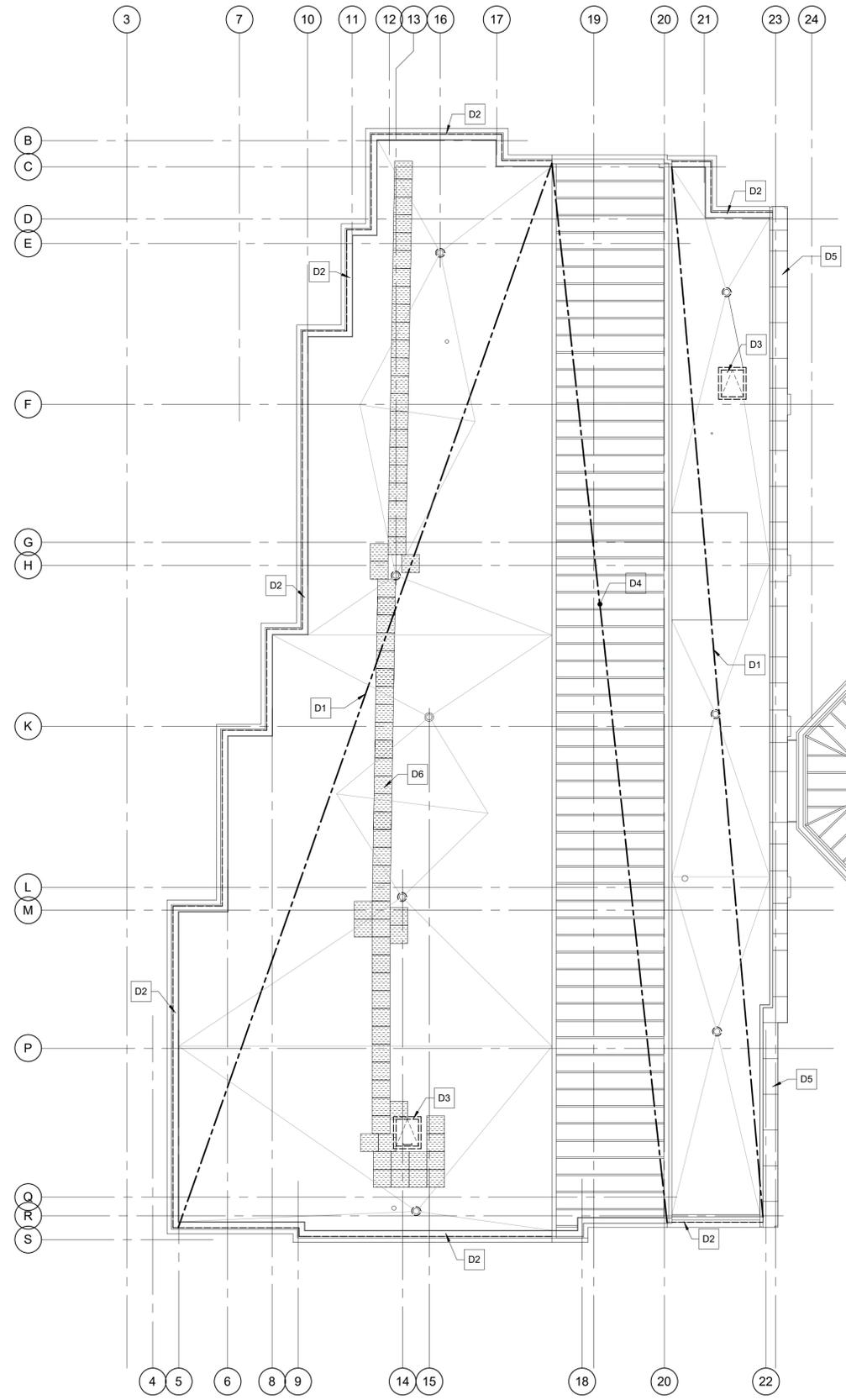
ROOF REPLACEMENT

CODE COMPLIANCE

CAD FILE NAME: 20048.01
DRAWING SCALE: As indicated
DRAWING NUMBER: G-002
SHEET NUMBER: 2 OF 7



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1
A-118 **ROOF DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES - ROOF DEMOLITION

- A THE BUILDING WILL BE OCCUPIED DURING THE CONSTRUCTION PERIOD. OPERATIONS INVOLVING VIBRATION, DUST AND OPEN FLAME ARE SUBJECT TO OWNER REVIEW AND APPROVAL. DEMOLITION AND CONSTRUCTION ACTIVITIES ARE TO BE COORDINATED WITH THE OWNER TO MINIMIZE DISRUPTION OF THE OWNER'S ACTIVITIES.
- B SEE STRUCTURAL / MECHANICAL / ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK
- C MAINTAIN BUILDING IN WEATHER-TIGHT CONDITION AT ALL TIMES. DO NOT REMOVE MORE ROOFING THAN CAN BE COVERED AND SEALED BEFORE THE END OF THE WORK DAY OR THE ONSET OF INCLEMENT WEATHER.
- D EXISTING WORK IS TO BE ACCURATELY CUT AND CAREFULLY REMOVED. ADJACENT SURFACES ARE TO BE LEFT UNDAMAGED. PROTECT ADJACENT REMAINING CONSTRUCTION FOR THE DURATION OF THE WORK. RESTORE ALL ITEMS DAMAGED DURING CONSTRUCTION TO MATCH ADJACENT UNDAMAGED SURFACES.
- E PATCH ALL HOLES CREATED FROM THE REMOVAL OF EQUIPMENT, SUPPORTS, DRAINS, VENTS, CONDUITS AND PIPES
- F REMOVE AND SALVAGE EXISTING INSULATION BOARD. REMOVE ALL FLASHINGS, CURBS AND WOOD BLOCKING UNLESS OTHERWISE NOTED.
- G REMOVE, MARK, PROTECT AND STORE ROOF TOP ACCESSORIES FOR REINSTALLATION WHERE INDICATED.
- H CONTRACTOR SHALL FIELD VERIFY LOCATION AND EXTENT OF VENT PIPING, CURBS, SUPPORTS OPENINGS, ETC. THAT WILL REQUIRE EXTENSION, CURBS OR INFILL UNDER NEW WORK REQUIREMENTS. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR DEVIATIONS FROM THE DRAWINGS.

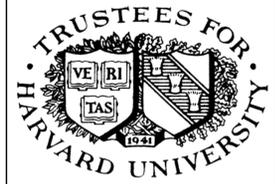
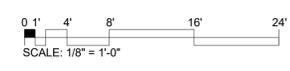
DRAWING NOTES - DEMOLITION

D# (APPLY TO THIS SHEET ONLY)

- D1 REMOVE ENTIRE ROOF ASSEMBLY INCLUDING INSULATION, FILTER FABRIC, DRAINAGE MESH, GRAVEL, AND METAL FLASHINGS. HOT APPLIED RUBBERIZED ASPHALT ROOF MEMBRANE TO REMAIN.
- D2 REMOVE ALUMINUM COPINGS AND DAMAGED WOOD BLOCKING AROUND PERIMETER OF ROOF.
- D3 REMOVE ROOF HATCH
- D4 STANDING SEAM METAL ROOF TO REMAIN
- D5 STONE COPING TO REMAIN
- D6 REMOVE STONE PAVERS

LEGEND - DEMOLITION

- ITEM TO BE REMOVED
- ITEM TO REMAIN



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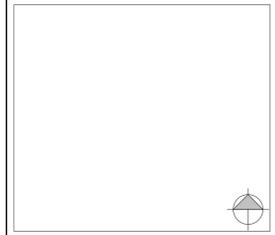
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ARCHITECT'S STAMP



LOTS MAP



PROJECT NAME

ROOF REPLACEMENT

DRAWING TITLE

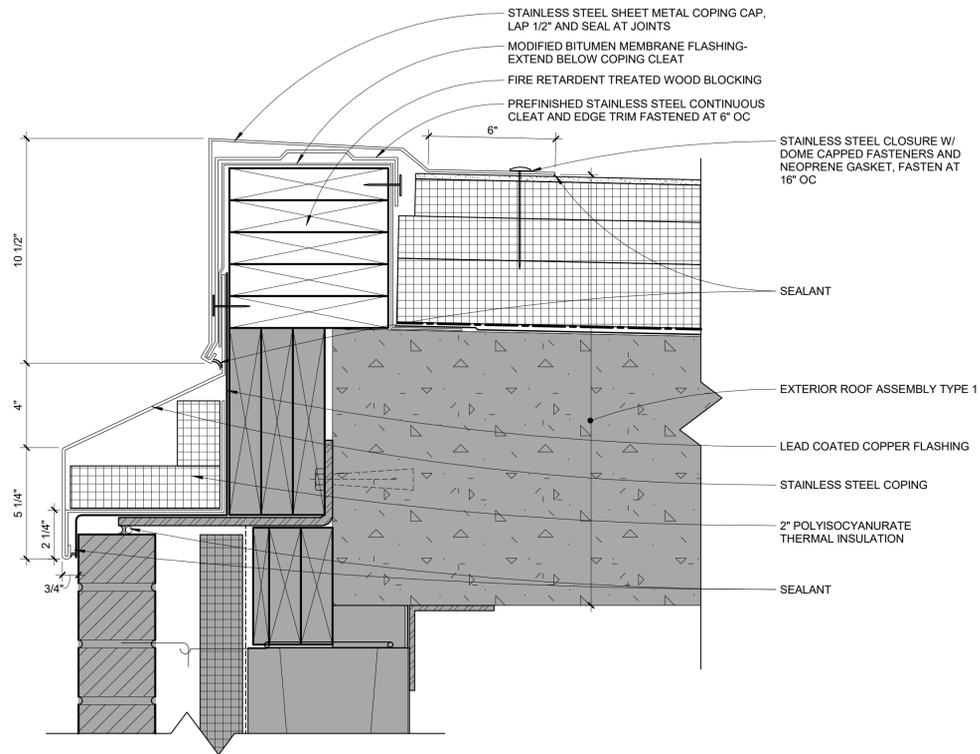
ROOF DEMOLITION PLAN

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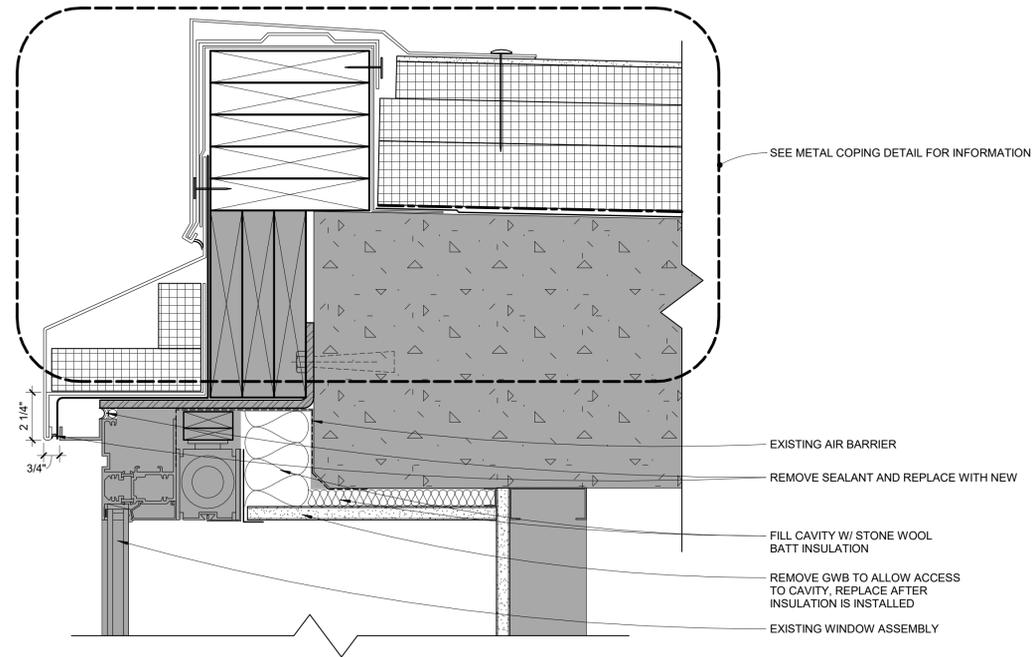
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DRAWING NUMBER	AREA	SHEET NUMBER
A-118		3 OF 7

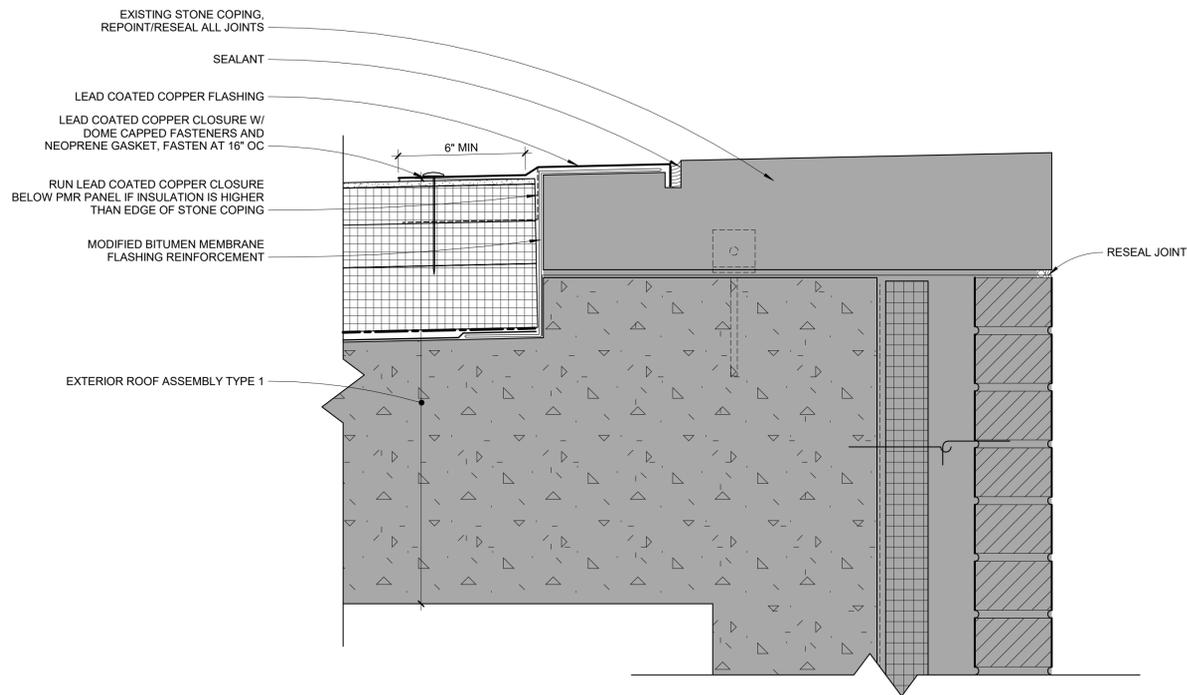
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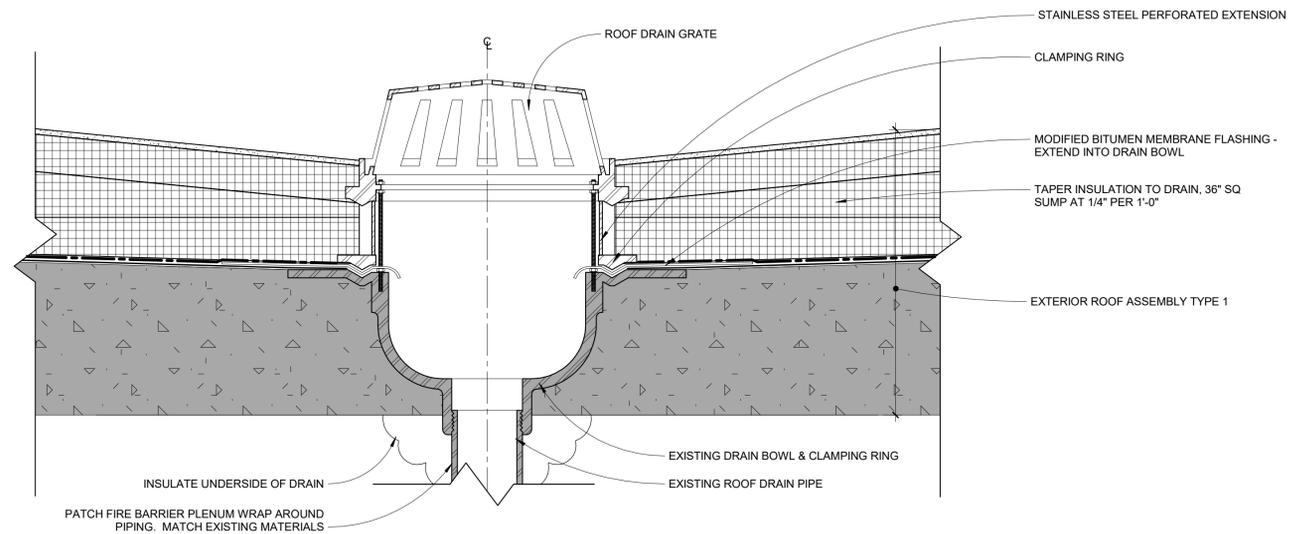
1 ROOF DETAIL @ METAL COPING
 A-510 SCALE: 3" = 1'-0"



2 ROOF DETAIL @ WINDOW
 A-510 SCALE: 3" = 1'-0"



3 ROOF DETAIL @ STONE COPING
 A-510 SCALE: 3" = 1'-0"



4 ROOF DETAIL @ ROOF DRAIN
 A-510 SCALE: 3" = 1'-0"



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LOCUS MAP

PROJECT NAME

ROOF REPLACEMENT

DRAWING TITLE

EXTERIOR ROOF DETAILS

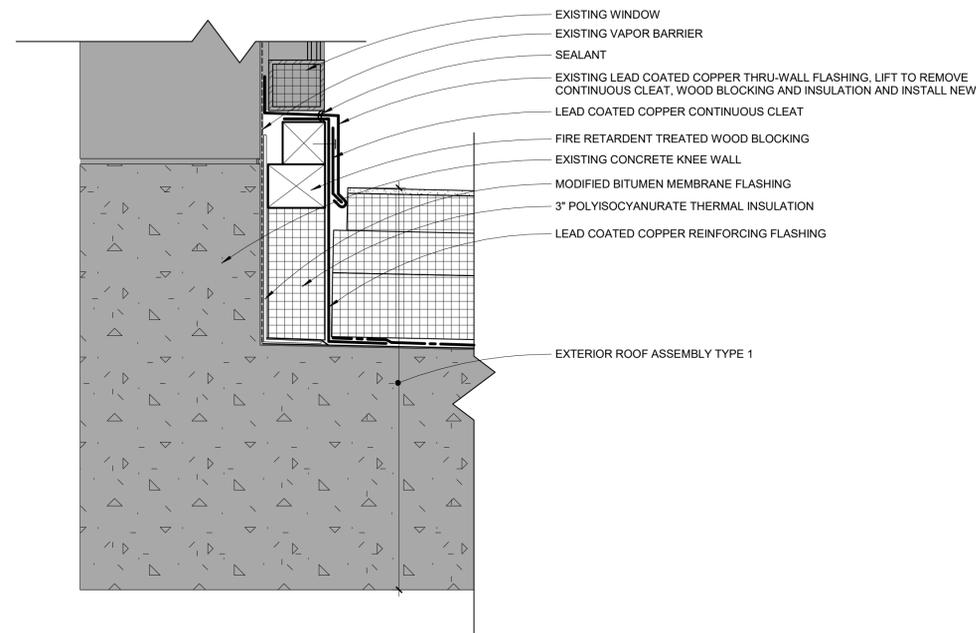
CAD FILE NAME: 20048.01

DRAWING SCALE: 3" = 1'-0"

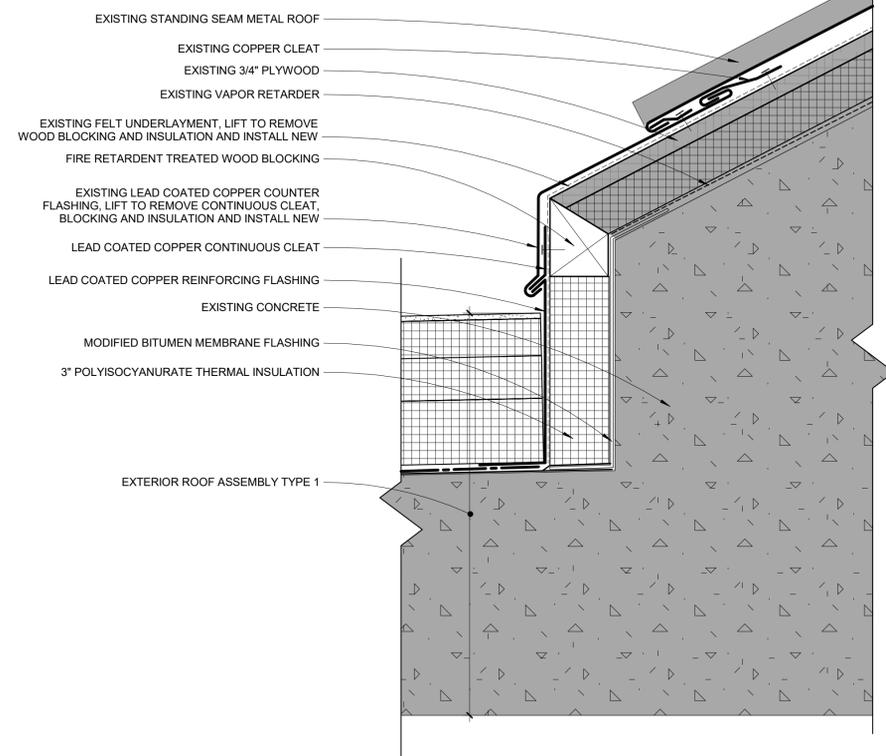
DRAWING NUMBER: AREA: SHEET NUMBER:

A-510

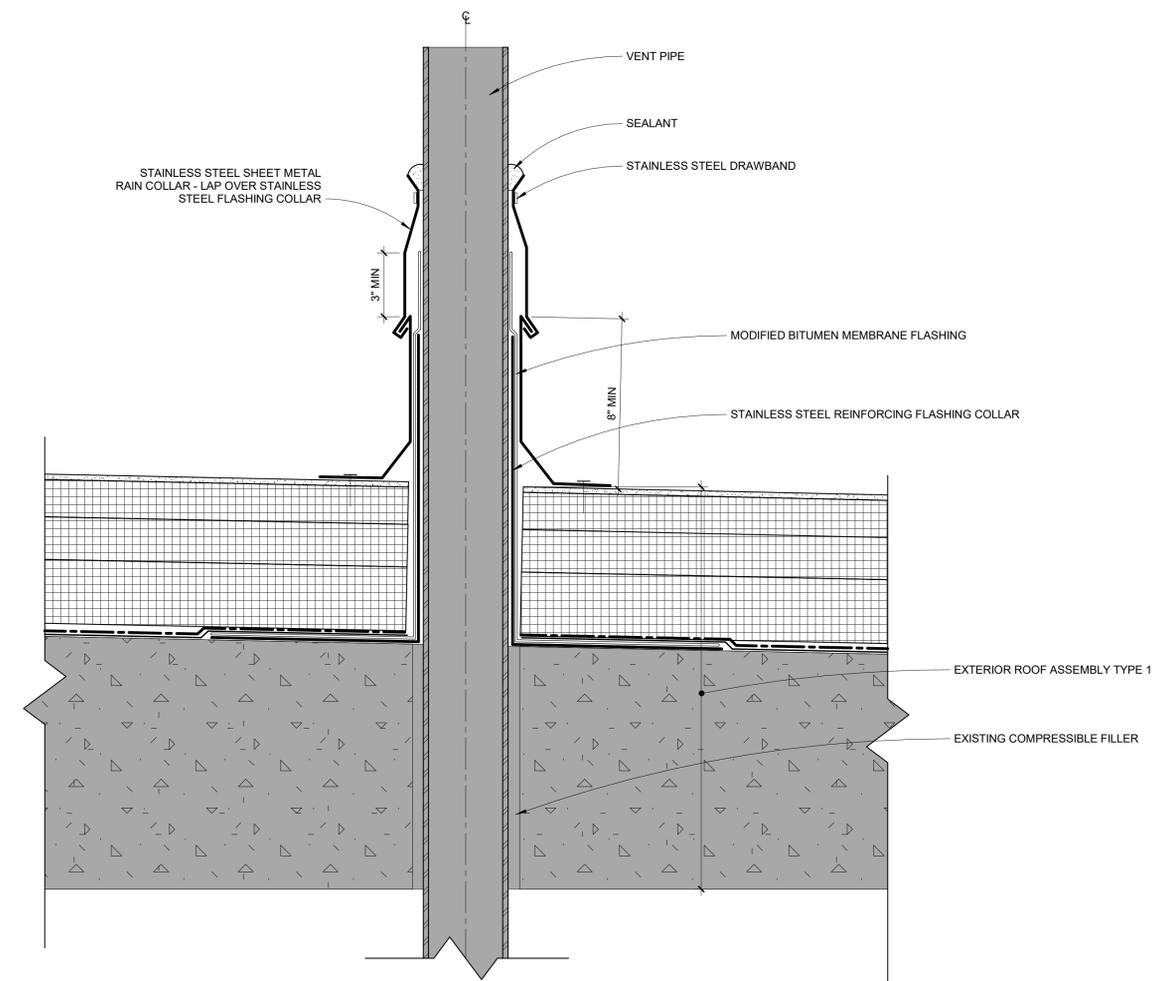
5 OF 7



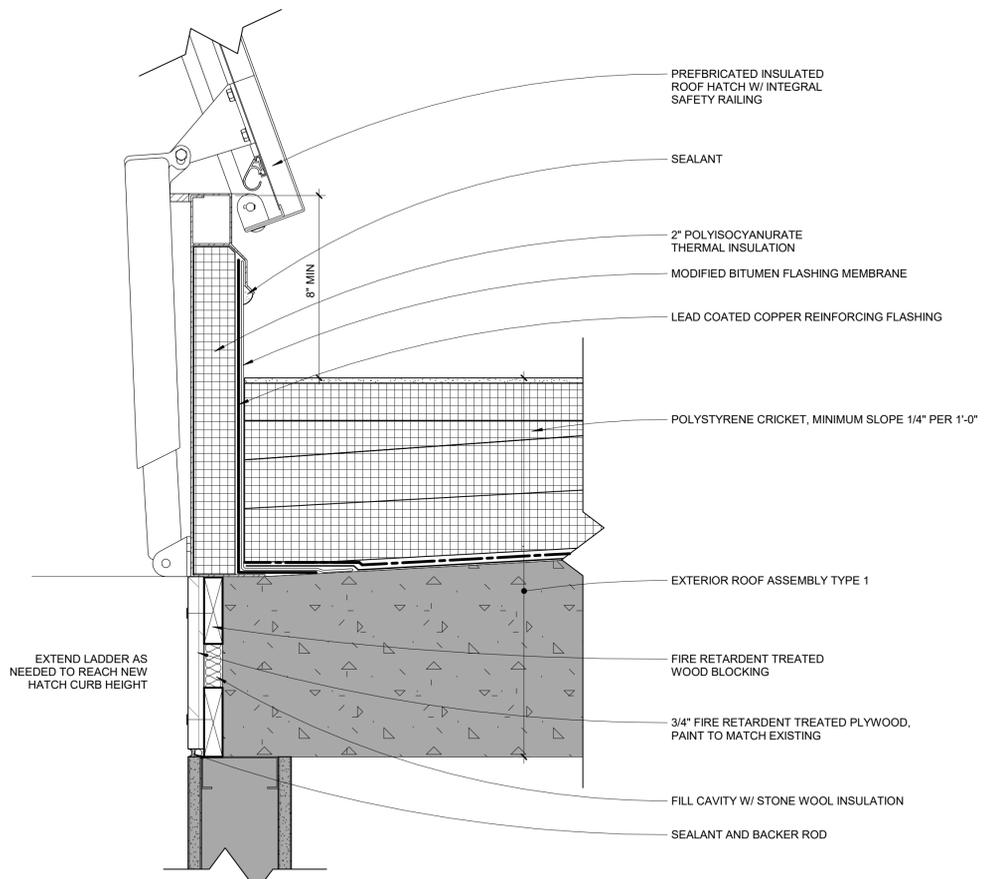
1 ROOF DETAIL @ CLERESTORY EAST
 A-511 SCALE: 3" = 1'-0"



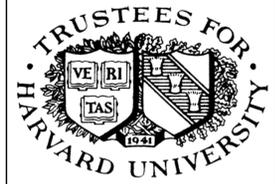
2 ROOF DETAIL @ CLERESTORY WEST
 A-511 SCALE: 3" = 1'-0"



4 ROOF DETAIL @ PIPE PENETRATION
 A-511 SCALE: 3" = 1'-0"



3 ROOF DETAIL @ ROOF HATCH
 A-511 SCALE: 3" = 1'-0"



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REVISION HISTORY:
 DATE: 05/05/21
 ISSUED FOR: CONSTRUCTION DOCUMENTS



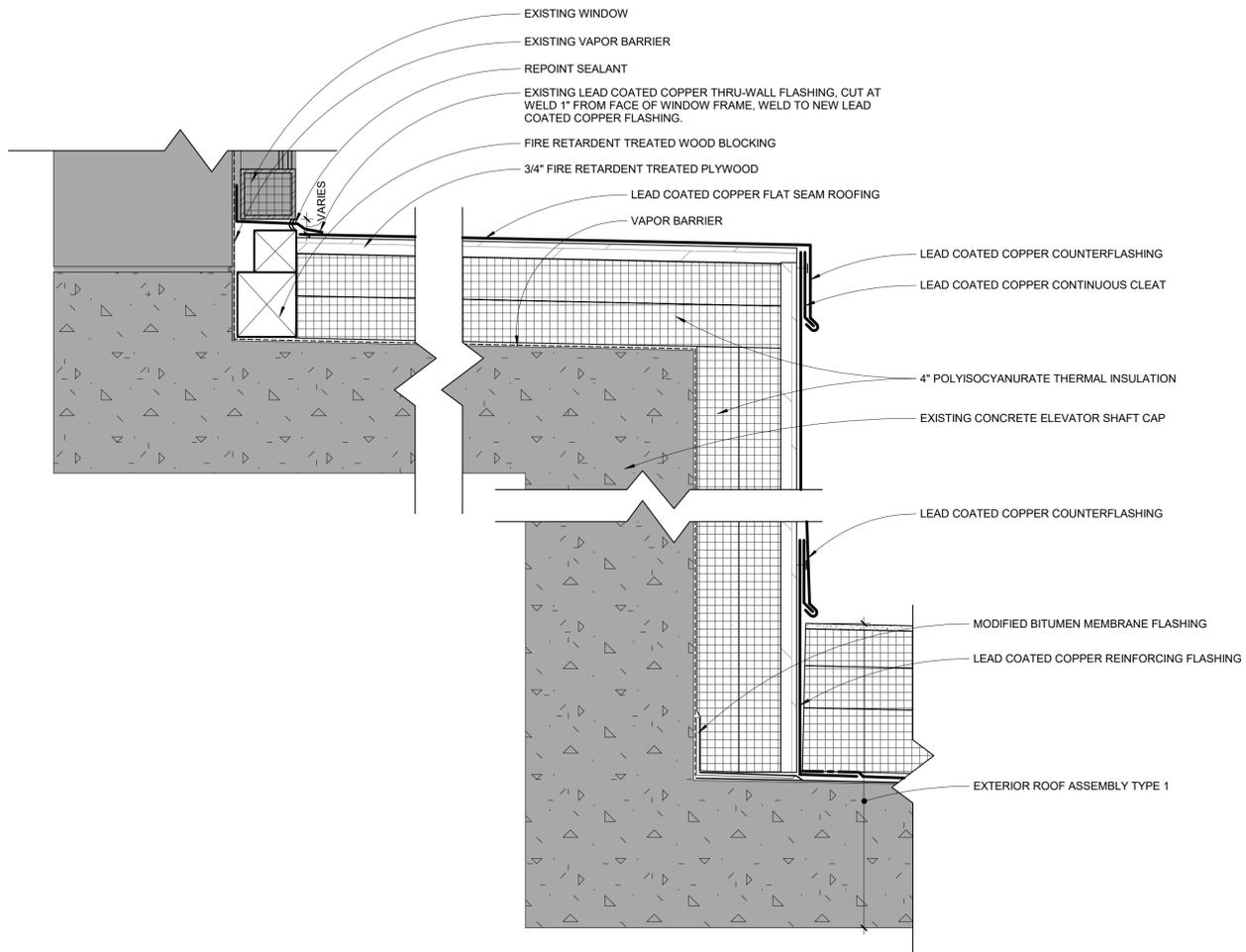
ROOF REPLACEMENT

EXTERIOR ROOF DETAILS

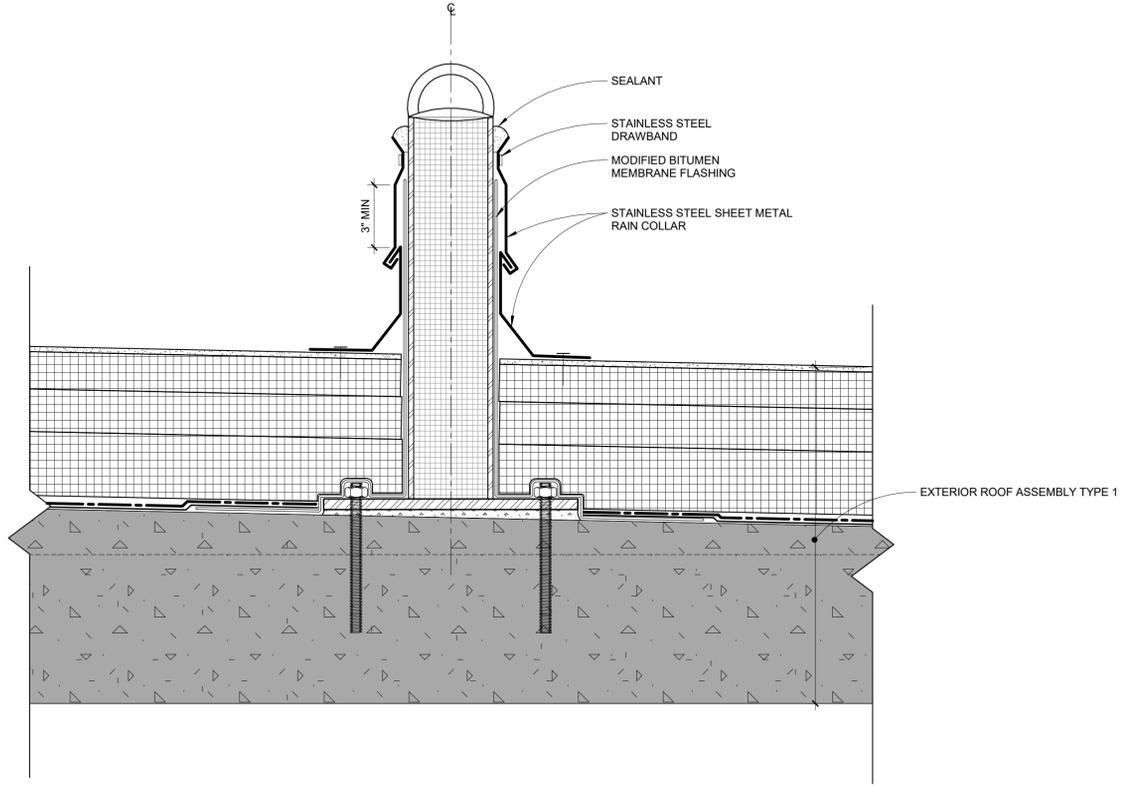
CAD FILE NAME: 20048.01
 DRAWING SCALE: 3" = 1'-0"
 DRAWING NUMBER: A-511
 SHEET NUMBER: 6 OF 7

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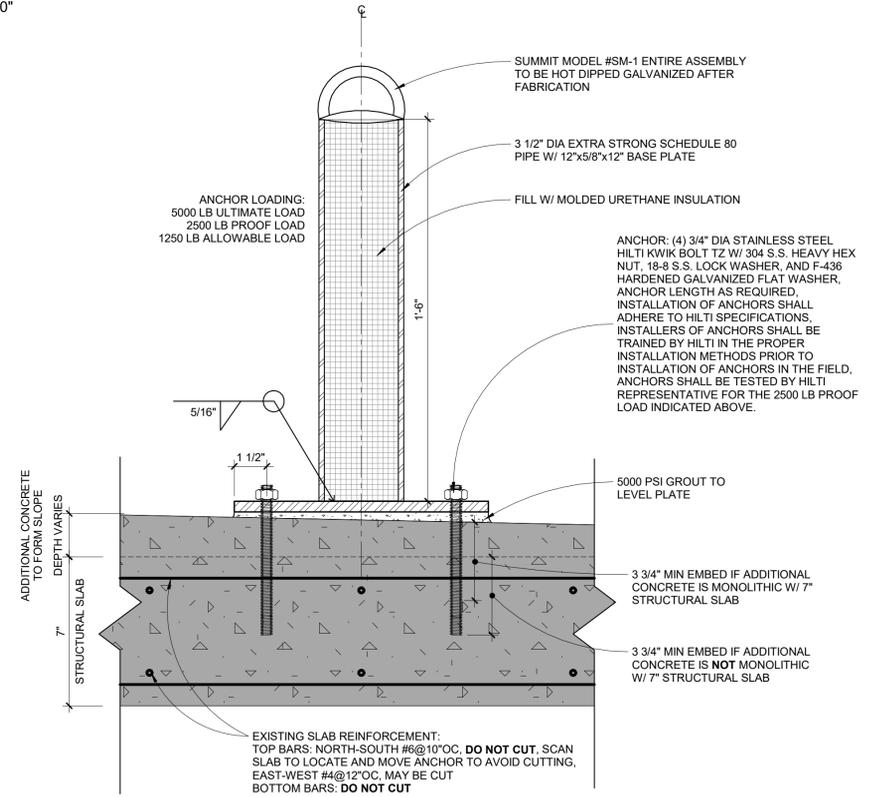
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1 ROOF DETAIL @ ELEVATOR OVERRUN
SCALE: 3" = 1'-0"

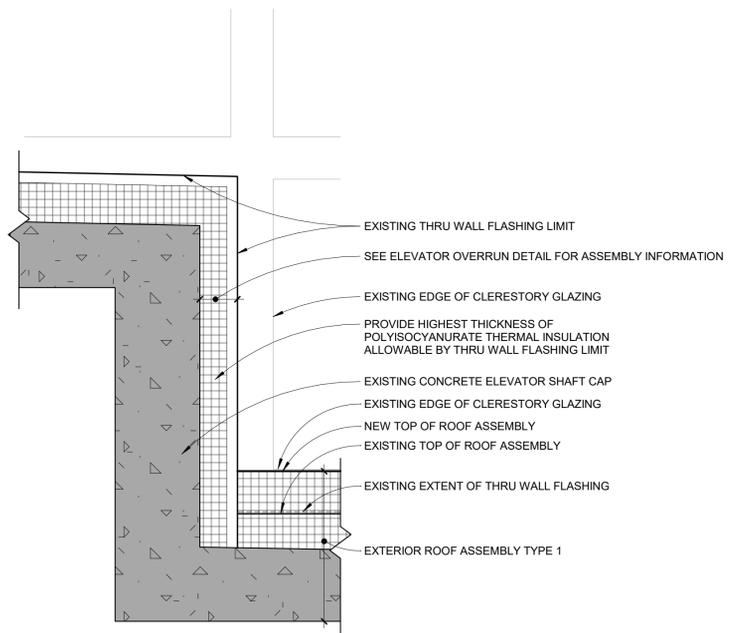


2 ROOF DETAIL @ TIE OFF ANCHORS
SCALE: 3" = 1'-0"

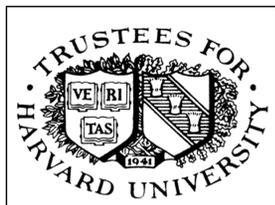
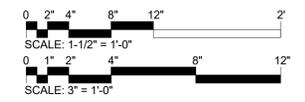


NOTE: THE ADDITIONAL CONCRETE ABOVE THE 7" STRUCTURAL SLAB IS, BASED UPON EXISTING BUILDING DRAWINGS, ASSUMED TO HAVE BEEN PLACED MONOLITHICALLY WITH THE 7" SLAB. IF THERE IS ANY INDICATION THAT IT WAS NOT, EXTEND ANCHORS INTO 7" SLAB AS SHOWN ABOVE.

3 STRUCTURAL DETAIL @ TIE OFF ANCHORS
SCALE: 3" = 1'-0"



4 SECTION @ ELEVATOR OVERRUN SIDE
SCALE: 1 1/2" = 1'-0"



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ROOF REPLACEMENT

EXTERIOR ROOF DETAILS

CAD FILE NAME: 20048.01
DRAWING SCALE: As indicated
DRAWING NUMBER: ABA SHEET NUMBER: A-512 7 OF 7

S ST
NW
3200

























