



Department of Veterans Affairs

CENTRAL TEXAS VETERANS HEALTH CARE

AUDIE L. MURPHY MEMORIAL VETERANS HOSPITAL
7400 MERTON MINTER BLVD. SAN ANTONIO, TEXAS

PROJECT: REPLACE 2ND FLOOR ROOF

PROJECT NO. : 671-21-143

100% CONSTRUCTION DOCUMENTS FINAL

DRAWING INDEX

ARCHITECTURAL

GI0.1	COVER SHEET AND DRAWING INDEX	A2.1	ROOF DETAILS
GI0.2	DOCUMENT ORGANIZATION AND GENERAL NOTES	A2.2	ROOF DETAILS
GI0.3	CAMPUS MAP AND DEMOLITION PHASING PLAN	MEP001	MEP GENERAL NOTES & DETAILS
AD1.0	DEMOLITION ROOF PLAN – KEY PLAN	MEP100	MEP OVERALL PLAN
AD1.1	DEMOLITION ENLARGED ROOF PLAN – AREA A	MEP101	MEP ROOF REPLACEMENT PLAN – AREA D
AD1.2	DEMOLITION ENLARGED ROOF PLAN – AREAS B AND C	MEP102	MEP ROOF REPLACEMENT PLAN – AREAS B & C
AD1.3	DEMOLITION ENLARGED ROOF AND FLOOR PLANS – AREA D		
A1.0	ROOF PLAN – NEW WORK – KEY PLAN		
A1.1	ENLARGED ROOF PLAN – NEW WORK – AREA A		
A1.2	ENLARGED ROOF PLAN – NEW WORK – AREAS B AND C		
A1.3	ENLARGED ROOF AND FLOOR PLANS – NEW WORK – AREA D		
A2.0	ROOF DETAILS		

ADD ALTERNATES
ALTERNATE NO.1: PENTHOUSE ROOF SYSTEM REPLACEMENT
ALTERNATE NO.2: REPLACE EQUIPMENT CURBS REPLACE EXISTING TREATED NAILER AND BLOCKING
ALTERNATE NO.3: REPLACE EXISTING METAL FASCIA

		CONSULTANTS:		Concur: M & O	Approved: Service Chief	100% CD FINAL 	ARCHITECT:		Drawing Title	Project Title		Project Number		Office of Facilities Management  Department of Veterans Affairs
				Concur: Bio-Med	Approved: Service Chief		  JV Elk Consortium + WestEast Design Group JV, LLC 2024, Copyright: WestEast Design Group JV, LLC San Antonio, Texas 78215 210.588.0100 www.westeastdesign.com Texas Registered Architectural Firm	COVER SHEET AND DRAWING INDEX		Replace 2nd Floor Roof		671 -21-143		
				Concur: Safety	Approved: Service Chief			Approved: Project Director		Location Audie L. Murphy Memorial Veterans Hospital 7400 Merton Minter Blvd., San Antonio, Texas		Drawing Number		
				Approved: Service Chief	Approved: Service Chief			Date SEPT. 03, 2024		Checked JQ	Drawn PQ	GI0.1		
				Approved: Service Chief	Approved: Chief of Staff							Dwg. 1 of 18		
Revisions:		Date												

GENERAL PROJECT NOTES

THE GENERAL PROJECT NOTES ARE PART OF THE CONTRACTOR'S SCOPE OF WORK. THEY SHALL BE FOLLOWED IN CONJUNCTION WITH AND IN ADDITION TO VHA MASTER SPECIFICATION SECTION 01 00 00 – GENERAL REQUIREMENTS AND MUST BE INCLUDED AS PART OF THE CONTRACTOR'S BASE PROJECT.

COORDINATION:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING AND FULLY UNDERSTANDING ALL ASPECTS OF THE CONTRACT DOCUMENTS INCLUDING COORDINATION BETWEEN THE DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES SHALL BE BROUGHT IMMEDIATELY TO THE CONTRACTING OFFICER REPRESENTATIVE (COR) ATTENTION IN WRITING FOR CLARIFICATION.
- IN THE EVENT THAT A DISCREPANCY IS DISCOVERED BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CONTRACTOR IS UNABLE TO RECEIVE CLARIFICATION PRIOR TO SUBMISSION OF THE BASE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INCLUDING IN THE PRICING THE WORK OR ITEMS OF GREATEST VALUE. ANY OMISSION OR CLAIM OF OMISSION IN THIS PROJECT BECAUSE OF SUCH A DISCREPANCY WILL NOT, UNDER ANY CIRCUMSTANCES, BE GROUNDS FOR ADDITIONAL FUNDS TO THE OWNER AFTER THE PROJECT IS AWARDED. ANY SCOPE OF WORK INDICATED IN THE CONSTRUCTION DOCUMENTS WILL BE ASSUMED TO HAVE BEEN INCLUDED IN THE BASE BID. A GENERAL CONTRACTOR (G.C.) SHALL NOT CLAIM ADDITIONAL FUND BASED ON AN UNINTENTIONAL OMISSION IN THE BASE BID ESTIMATES. AN ERROR OF THIS TYPE ON THE PART OF THE G.C. OR IT'S SUBS IS NOT GROUNDS FOR CLAIMING ADDITIONAL FUNDS. THIS IS DEEMED INAPPROPRIATE IN A COMPETITIVE BIDDING SITUATION AND UNFAIR TO BOTH OTHERS' BIDDERS AND THE VA. ANY ISSUE LIKE THIS MUST BE ADDRESSED DURING CONTRACT NEGOTIATIONS WITH THE VA AND PRIOR THE ACTUALLY AWARDED OF THE CONTRACT.
- THE CONTRACTOR SHALL ENSURE THAT SERVICES TO ADJACENT AREAS AFFECTED BY CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL DURING CONSTRUCTION. IF ANY DISRUPTION OF SERVICES IS NECESSARY, THE CONTRACTOR SHALL NOTIFY THE COR AT LEAST 48 HOURS IN ADVANCE PRIOR TO SUCH DISRUPTION. REFER TO SPECIFICATION SECTION 01 00 00, 1.6 "OPERATIONS AND STORAGE AREAS", SUBSECTION K, "UTILITIES SERVICES".

EXISTING CONDITIONS:

- THE CONTRACTOR SHALL FIELD VERIFY AND INVESTIGATE EXISTING BUILDING CONDITIONS IN ORDER TO FAMILIARIZE THEMSELVES WITH THE EXTENT OF DEMOLITION AND NEW CONSTRUCTION AS DESCRIBED IN THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL REASONABLY DETERMINE THE IMPACT THAT DEMOLITION AND NEW CONSTRUCTION WILL HAVE ON EXISTING BUILDING SYSTEMS INCLUDING BUT NOT LIMITED TO STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, COMMUNICATION, AND ALL OTHER FACTORS THAT WILL AFFECT THE PROJECT. FAILURE TO DO SO WILL NOT BE GROUNDS FOR ADDITIONAL FUNDS TO THE OWNER AFTER PROJECT HAS BEEN AWARDED.
- THE CONTRACTOR SHALL REPORT ALL UNFORESEEN CONDITIONS DISCOVERED DURING INSPECTIONS OR DURING CONSTRUCTION IMMEDIATELY TO THE COR FOR CLARIFICATION OR DIRECTION, BEFORE CONTINUING WITH THAT PORTION OF THE WORK. UNFORESEEN CONDITIONS SHALL INCLUDE BUT NOT BE LIMITED TO CONDITIONS NOT VISUALLY DISTINGUISHABLE OR DISCREPANCIES BETWEEN ACTUAL EXISTING CONDITIONS AND AS-BUILT INFORMATION.
- THE CONTRACTOR SHALL REPAIR OR REPLACE EXISTING CONSTRUCTION OUTSIDE OF CONSTRUCTION LIMITS LINE DAMAGED BY CONTRACTOR'S OPERATIONS AND CONSTRUCTION ACTIVITIES AND FOR ALL AREAS WITHIN THE CONSTRUCTION LIMITS LINE DAMAGED AND NOT INDICATED IN THESE DOCUMENTS TO BE REMOVED. EXISTING CONSTRUCTION SHALL INCLUDE BUT NOT BE LIMITED TO EXPOSED OR UNEXPOSED UTILITIES, ADJACENT AREAS OF THE EXISTING BUILDING, WALLS, AND FINISHES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFE AND LAWFUL REMOVAL AND OFF-SITE DISPOSAL OF TRASH, DEBRIS OR UNSALVAGED ITEMS REMOVED DURING DEMOLITION IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS INCLUDING CITY OF SAN ANTONIO, COUNTY AND STATE REGULATIONS. THE PROJECT SITE SHALL BE CLEANED ON A DAILY BASIS OR AS DIRECTED BY THE COR DURING CONSTRUCTION ACTIVITIES TO PREVENT ACCUMULATION. THIS INCLUDES COMPLIANCE WITH HOSPITALS INFECTION CONTROL REQUIREMENTS.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS FOR CONSTRUCTION SAFETY AND INSPECTION PROCEDURES.
- THE CONTRACTOR SHALL CONFINE OPERATIONS WITHIN A CONSTRUCTION LIMIT LINE AS TO PREVENT WORKERS, MATERIALS OR EQUIPMENT FROM INTERACTING WITH OTHER AREAS OUTSIDE OF THE CONSTRUCTION LIMITS LINE OCCUPIED BY PATIENTS, STAFF OR IN AREAS OCCUPIED BY THE GENERAL PUBLIC UNLESS OTHERWISE REQUIRED BY THESE DOCUMENTS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT AND PROVIDE SAFETY AND SECURITY FOR ALL OCCUPANTS. THE CONTRACTOR SHALL PROVIDE SECURITY MEASURES AS REQUIRED FOR PROTECTION FROM VANDALISM, THEFT, DAMAGE TO CONSTRUCTION SITE AND PROTECTION OF THE GENERAL PUBLIC FROM HAZARDOUS OR DANGEROUS CONDITIONS AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR MAY ORDER MATERIALS ON AN "AS NEEDED" BASIS AS THE JOB PROGRESSES AND STORE ON SITE IN THE DESIGNATED LAY DOWN AREA WHERE DIRECTED BY THE COR.
- THE CONTRACTOR SHALL KEEP AND MAINTAIN A FIRE WATCH MONITOR LOG THAT SHALL BE KEPT ON AN HOURLY BASIS. COORDINATE REQUIREMENTS WITH VA COR.

CONSTRUCTION SETS:

- THE CONTRACTOR SHALL KEEP AND MAINTAIN TWO COMPLETE AND UPDATED SETS OF CONSTRUCTION DRAWINGS AND SPECIFICATIONS AT THE CONSTRUCTION SITE THROUGH THE DURATION OF CONSTRUCTION FOR REVIEW AND REFERENCE BY COR AND ARCHITECT. THIS SHALL INCLUDE ALL DOCUMENTS WHICH CHANGE, MODIFY OR REVISE THE SCOPE OF WORK AND/OR THE COST OF THE PROJECT. REFER TO SPECIFICATION SECTION 01 00 00, 1.14 "AS BUILT DRAWINGS".

CORRESPONDENCE / INSTRUCTIONS:

- ALL CORRESPONDENCE INCLUDING BUT NOT LIMITED TO CHANGES IN THE SCOPE OF WORK, CHANGES IN COST, REQUESTS FOR INFORMATION, DIRECTIONS, INSTRUCTIONS, APPROVALS, CLARIFICATIONS, GENERAL CORRESPONDENCE, ETC., SHALL BE DIRECTED TO THE COR.

MISCELLANEOUS:

- THE TERM "PROVIDE" AS USED IN THESE CONTRACT DOCUMENTS MEANS ALL WORK TO BE ACCOMPLISHED BY THE CONTRACTOR TO INCLUDE FURNISHING, INSTALLING, MODIFYING AND CONNECTING ALL SPECIFIED ITEMS IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- THE TERMS "APPROVED EQUAL", "EQUAL TO", "ACCEPTABLE", "MATCH EXISTING" OR OTHER GENERAL QUALIFYING TERMS MEAN THAT MATERIALS SPECIFIED HAVE BEEN SUBSTITUTED BY THE GENERAL CONTRACTOR WITH MATERIALS SIMILAR IN QUALITY AND PERFORMANCE THAT THE ARCHITECT HAS DETERMINED ARE WITHIN THE GUIDELINES ESTABLISHED BY THESE CONTRACT DOCUMENTS.
- THE TERM "TYPICAL" AS USED IN THESE DOCUMENTS MEANS THAT A SPECIFIC CONDITION, INCLUDING DIMENSIONS, THE USE OF MATERIALS, THE INTEGRATION OF MATERIALS OR OTHER ASPECTS OF CONSTRUCTION ARE CONSISTENTLY DUPLICATED ELSEWHERE IN THESE DOCUMENTS.
- PARKING IS EXTREMELY LIMITED ON THE VA CAMPUS. NO DEDICATED CONTRACTOR PARKING ON SITE WILL BE AVAILABLE DURING THE DURATION OF THE CONSTRUCTION PROJECT. CONTRACTOR SHALL TAKE THIS INTO CONSIDERATION WHEN SUBMITTING BIDS.

INFECTION PREVENTION NOTES

- THE INFECTION PREVENTION OFFICE SHALL BE NOTIFIED OF ALL PRE-CONSTRUCTION MEETINGS.
- THE ICRA (INFECTION CONTROL RISK ASSESSMENT SHALL BE WRITTEN AND AMENDED INTO THE CONTRACT AND SPECIFICATIONS FOR CONSTRUCTION PROJECT TO PREVENT COST DISCREPANCIES.
- THE CONTRACTOR SHALL CLEAN THE WHEELS AND OUTSIDE OF ALL CARTS AND EQUIPMENT GOING IN AND OUT OF THE CONSTRUCTION SITE.

CONSTRUCTION SAFETY NOTES

- WORK SITE SHALL BE SECURED BY LOCK WHEN NO EMPLOYEES ARE PRESENT ON SITE.
- FLOOR MATS AND STICKY MATS LOCATED AT THE ENTRANCE TO THE CONSTRUCTION AREA SHALL BE REPLACED AS NEEDED (AT APPROXIMATELY 75% USED).
- GOOD HOUSEKEEPING – TRASH AND DEBRIS SHALL BE REMOVED PROMPTLY, AT LEAST DAILY.
- HAZARDOUS MATERIALS SHALL BE STORED APPROPRIATELY TO MAINTAIN LIFE SAFETY AND CODE REQUIREMENTS.
- ALL MSDS (MATERIALS SAFETY AND DATA SHEETS) SHALL BE POSTED ON JOB SITE.
- FIRE EXTINGUISHERS SHALL BE READILY AVAILABLE IN THE CONSTRUCTION AREA.
- HOT WORK PERMITS SHALL BE ISSUED WHEN NECESSARY.
- SAFETY AND TEMPORARY SIGNAGE SHALL BE IN PLACE AT ALL TIMES THROUGH DURATION OF CONSTRUCTION.
- SUBCONTRACTORS SHALL BE AWARE OF AND TRAINED IN SAFETY AND ENVIRONMENTAL ISSUES MINIMUM 30 HOURS FOR SUPERINTENDENT AND 10 HOURS FOR WORKERS. PROVIDE OSHA CARDS.
- CONTRACTORS SHALL COMPLETE AN INFECTION CONTROL TRAINING PER VHA GUIDELINES. A COPY OF TUBERCULOSIS PAPERWORK SHALL BE PROVIDED TO INFECTION CONTROL IN ORDER TO OBTAIN IC STICKER.
- EXTENSION CORDS SHALL BE PROTECTED AND DISCONNECTED AT THE END OF EACH DAY.

DOCUMENT ORGANIZATION

THIS SET OF CONSTRUCTION DOCUMENTS IS PRESENTED IN TWO PARTS: A SET OF TECHNICAL SPECIFICATIONS AND A SET OF 30" X 42" DRAWINGS.

1. SPECIFICATIONS

SPECIFICATIONS ARE ORGANIZED ACCORDING TO THE MASTER FORMAT 2004 (MF04) AS FOLLOWS. NOT ALL SECTIONS APPLY TO THIS JOB AND NOT ALL SECTIONS ARE LISTED.

DIVISION 0 PROCUREMENT AND CONTRACTING REQUIREMENTS

DIVISION 1 GENERAL REQUIREMENTS
DIVISION 2 EXISTING CONDITIONS
DIVISION 3 N/A
DIVISION 4 N/A
DIVISION 5 METALS
DIVISION 6 WOOD, PLASTICS AND COMPOSITES
DIVISION 7 THERMAL AND MOISTURE PROTECTION
DIVISION 8 N/A
DIVISION 9 N/A
DIVISION 10 N/A
DIVISION 11 N/A

DIVISION 12 N/A
DIVISION 13 N/A
DIVISION 14 N/A
DIVISION 21 N/A
DIVISION 22 N/A
DIVISION 23 N/A
DIVISION 26 ELECTRICAL
DIVISION 27 N/A
DIVISION 28 N/A
DIVISION 31 N/A
DIVISION 32 N/A
DIVISION 33 N/A

2. DRAWINGS

DRAWINGS ARE ORGANIZED ACCORDING TO DISCIPLINES, WITH EACH DISCIPLINE DESCRIBING A GENERAL ASPECT OF THE CONSTRUCTION. DISCIPLINES ARE ARRANGED AS FOLLOWS:

GI – GENERAL INFORMATION:
WORK RELATED TO THE PROJECT AS A WHOLE.

AD – ARCHITECTURAL DEMOLITION
WORK RELATED TO THE DEMOLITION OF THE BUILDING AND SYSTEMS.

A – ARCHITECTURAL:
WORK RELATED TO THE BUILDING ROOF PLANS AND DETAILS.

ARCHITECTURAL SYMBOLS LEGEND

	TRUE/PLAN NORTH
	NEW KEYNOTE
	DEMOLITION KEYNOTE
	DETAIL OR ENLARGED PLAN REFERENCE
	NOT IN CONTRACT (N.I.C.)

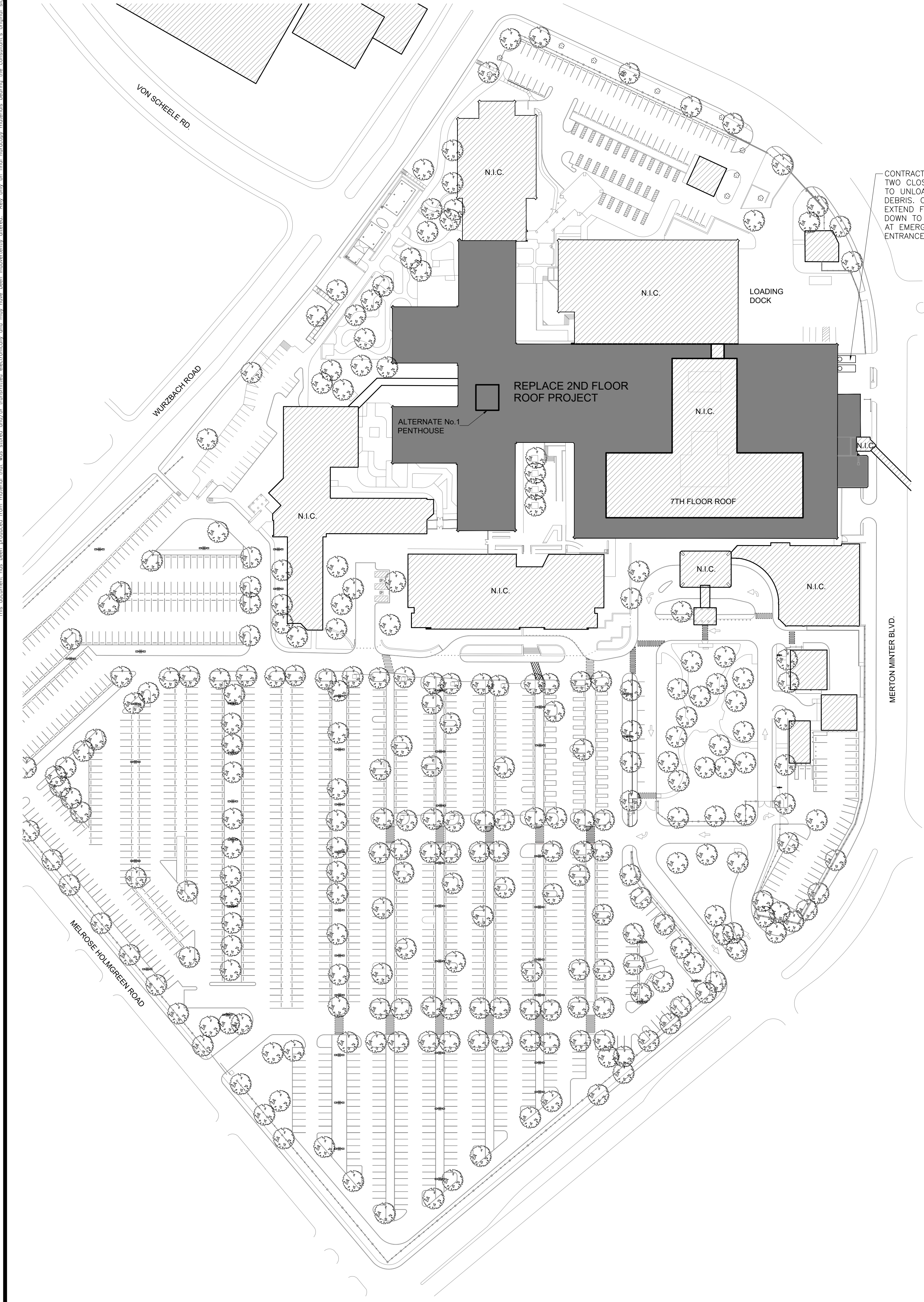
C6 SITE VICINITY MAP
SCALE: N.T.S.

ABBREVIATIONS

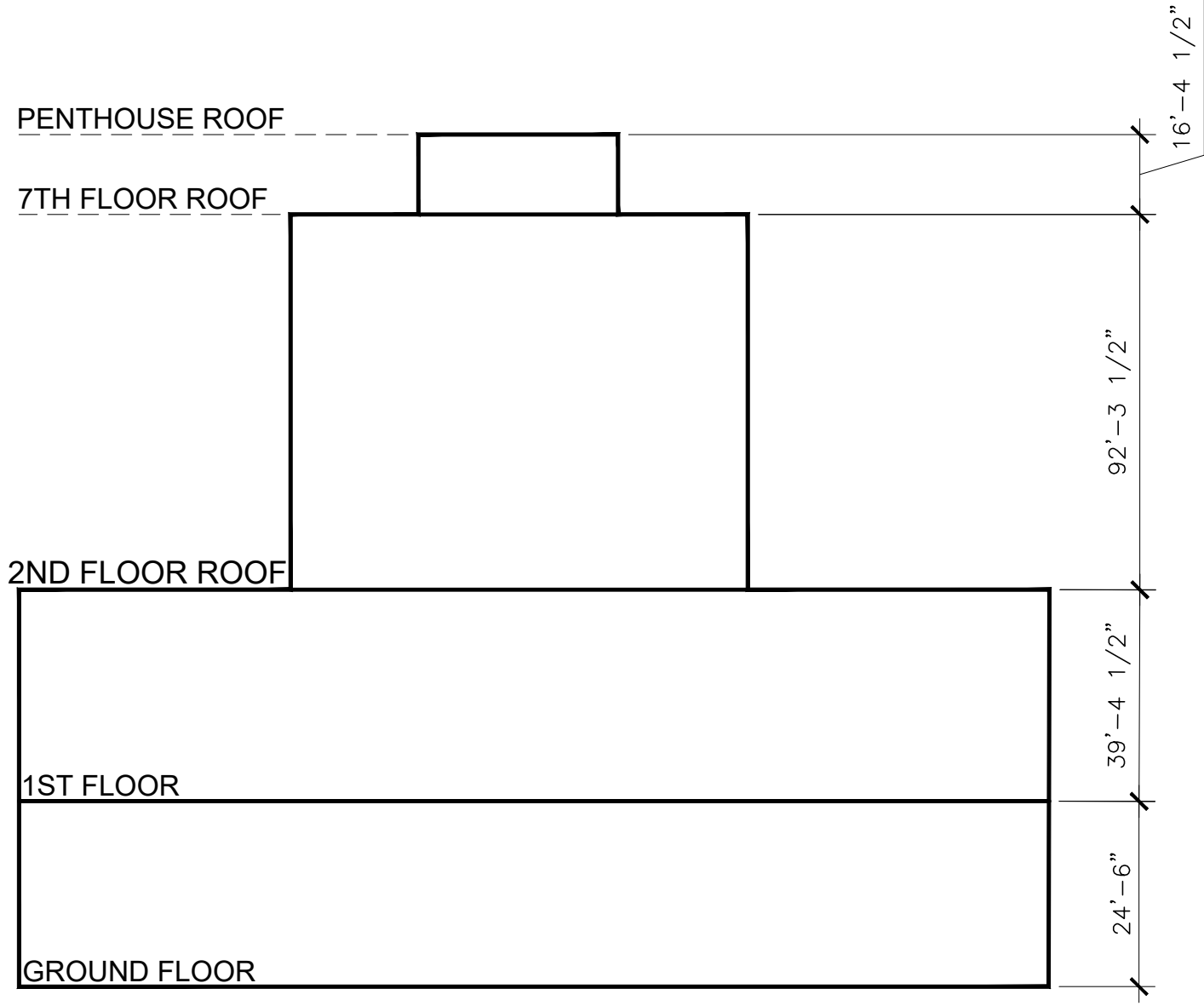
A.B.	ANCHOR BOLT	EA.	EACH	JT.	JOINT	P.S.I.	POUNDS PER SQUARE INCH
ABV.	ABOVE	E.B.	EXPANSION BOLT			PTD.	PAINTED
A/C	AIR CONDITIONED	E.F.	EXHAUST FAN	K.P.	KICK PLATE	PWMT.	PAVEMENT
ACOUS.	ACOUSTICAL	E.I.F.S.	EXTERIOR INSULATED	KW.	KILOWATT		
AC.U.	AIR CONDITIONING UNIT		FINISH SYSTEM	KWH.	KILOWATT HOUR	R.A.	RETURN AIR
ADD.	ADDITIVE	E.J.	EXPANSION JOINT			RAD.	RADIUS
A.D.	ACCESS DOOR	ELEC.	ELECTRICAL	LAM.	LAMINATE	R.D.	ROOF DRAIN
ADJ.	ADJUSTABLE	EL. OR ELEV.	ELEVATION	LAV.	LAVATORY	RECEP.	RECEPTACLE
A.F.F.	ABOVE FINISH FLOOR	E.P.	ELECTRICAL PANEL	LB(S).	POUND(S)	REF.	REFER
ALUM.	ALUMINUM	EPY.	EPOXY (COATINGS)	L.L.V.	LONG LENGTH VERTICAL	REINF.	REINFORCED OR REINFORCING
ALT.	ALTERNATE	EQ.	EQUAL OR EQUALLY	L.P.	LOW POINT	REQD.	REQUIRED
ANOD.	ANODIZED	EQUIP.	EQUIPMENT			RESIL.	RESILIENT
A.P.	ACCESS PANEL	ETC.	ET CETERA	MACH.	MACHINE	RET.	RETURN
APPROX.	APPROXIMATE	EXIST.	EXISTING	MAINT.	MAINTENANCE	REV.	REVISION
ARCH.	ARCHITECTURAL	EXP.	EXPANSION OR EXPOSED	MAS.	MASONRY	R.M.	ROOM
ASPH.	ASPHALT	EXT.	EXTERIOR	MAX.	MAXIMUM	R.O.	ROUGH OPENING
A.T.	ACOUSTICAL TILE			MECH.	MECHANICAL	R.P.M.	REVOLUTIONS PER MINUTE
AVG.	AVERAGE	F.A.I.	FRESH AIR INTAKE	MEMB.	MEMBRANE	R.S.F.	RESILIENT SHEET FLOORING
A.W.	AREA WAY	F.C.U.	FAN COIL UNIT	M.E.P.	MECHANICAL, ELECTRICAL, AND PLUMBING	S.C.	SPECIAL COATING
BLDG.	BUILDING	F.D.	FLOOR DRAIN			SC.	SCALE
BLKG.	BLOCKING	F.D.V.	FIRE DEPARTMENT VALVE	M.E.S.	METAL EDGE STRIP	SCHED.	SCHEDULE OR SCHEDULED
BLW.	BELOW	F.E.C.	FIRE EXTINGUISHER CABINET	MET.	METAL	SECT.	SECTION
BM.	BEAM	FLASH.	FLASHING	MFR.	MANUFACTURER	SH.	SHELF OR SHELVING
BR.	BRICK	F.L.	FLOOR	MCMT.	MANAGEMENT	SHT.	SHEET
BTM.	BOTTOM	F.P.	FIRE PARTITION	M.H.	MAN HOLE	SIM.	SIMILAR
BTWN.	BETWEEN	FR.	FRAME	MIN.	MINIMUM	SL.	SLOPE
B.U.	BUILT-UP	F.S.	FULL SIZE	MISC.	MISCELLANEOUS	SPEC.	SPECIFIED OR SPECIFICATIONS
		FT.	FOOT	M.O.	MASONRY OPENING	SQ.	SQUARE
		FTG.	FOOTING	MOD.	MODIFIED	S.S.	STAINLESS STEEL
		FURR.	FURRING	M.T.	METAL THRESHOLD	STA.	STATION
C.	CONCRETE			MTD.	MOUNTED	STD.	STANDARD
CAB.	CABINET			MTG.	MOUNTING	STL.	STEEL
C C	GENERAL CONTRACTOR	GA.	GUAGE	MULTI.	MULTIPLE	STOR.	STORAGE
	SUPPLIED AND INSTALLED	GALV.	GALVANIZED			STRUCT.	STRUCTURAL
CEM.	CEMENT	G.C.	GENERAL CONTRACTOR			SUSP.	SUSPENDED
CER.	CERAMIC	GEN.	GENERAL	N/A	NOT APPLICABLE		
C.F.	CEILING FIXTURE	G.I.	GALVANIZED IRON	N.F.P.A.	NATIONAL FIRE PROTECTION ASSOCIATION	TEL.	TELEPHONE
C.G.	CORNER GUARD	GL.	GLASS			TEMP.	TEMPERED
C.I.	CAST IRON	GOVT.	GOVERNMENT	N.I.C.	NOT IN CONTRACT	TERR.	TERRAZO
C.J.	CONTROL JOINT	GR.	GRADE	NO.	NUMBER	TRTD.	TREATED
CL.	CLEAR	GYP.	GYPSON	NOM.	NOMINAL	TYP.	TYPICAL
CLG.	CEILING CLOSET	G.W.B.	GYPSON WALL BOARD	N.R.C.	NOISE REDUCTION COEFFICIENT NOT TO SCALE	U.O.N.	UNLESS OTHERWISE NOTED
C.M.U.	CONCRETE MASONRY UNIT	H.A.C.	HOUSE KEEPING AIDS CLOSET			V C	DEPARTMENT OF VETERANS AFFAIRS SUPPLIED AND GENERAL CONTRACTOR INSTALLED.
C. OR CONC.	CONCRETE	H.B.	HOSE BIB	O.C.	ON CENTER		
COMP.	COMPRESSIBLE	H.C.A.	HEADED CONCRETE ANCHOR	O.D.	OUTSIDE DIAMETER		
COMP.D.	COMPACTED	OFF.	OFFICE	OPF.	OPPOSITE HAND	V.C.T.	VINYL COMPOSITION TILE
COL.	COLUMN	HD.	HAND	OPNG.	OPENING	VERT.	VERTICAL
CONST.	CONSTRUCTION	HDWD.	HARDWOOD	OPP.	OPPOSITE	V.I.F.	VERIFY IN FIELD
CONT.	CONTINUOUS	HGT.	HEIGHT	ORIG.	ORIGINAL	VIST.	VISITOR
C.R.S.	CORROSION RESISTANT STEEL	H.M.	HOLLOW METAL	OZ(S).	OUNCE(S)	V V	DEPARTMENT OF VETERANS AFFAIRS SUPPLIED AND INSTALLED
CSK.	COUNTERSINK	H.O.	HOLD OPEN				
C.T.	CERAMIC TILE	HORIZ.	HORIZONTAL			V.W.C.	VINYL WALL COVERING
CTR.	COUNTER	H.P.	HIGH POINT	P.	PAINT		
		HR.	HOUR	P. PARTN(S).	PARTITION(S)		
DBL.	DOUBLE	HTG.	HEATING	P.C.	PRECAST CONCRETE	W/	WITH
DED.	DEDUCTIVE	HW.	HARDWARE	PL.	PLATE	WD.	WOOD
DET.	DETAIL			PLAS.	PLASTER	WDW.	WINDOW
DIA.	DIAMETER	I.D.	INSIDE DIAMETER	PLBG.	PLUMBING	W.I.	WROUGHT IRON
DIAG.	DIAGONAL	IMP.	IMPREGNATE	PLYWD.	PLYWOOD	WIN.	WINDOW
DM.	DIMENSION	INCL.	INCH	PR.	PAIR	WNSCT.	WAINSCOT
DISP.	DISPENSER	INCL.	INCLUDED	PREFAB.	REFABRICATED	WOLM.	WOLMANIZED
DN.	DOWN	INFO.	INFORMATION	PREFIN.	PREFINISHED	W.P.	WATERPROOFING
DR.	DOOR	INSUL.	INSULATE/INSULATION	PREP.	PREPARATION	W.R.	WATER RESISTANT
D.S.	DOWN SPOUT	INT.	INTERIOR	PROJ.	PROJECTION	WT.	WEIGHT
DWG(S).	DRAWING(S)	I.P.S.	INSIDE PIPE SIZE	P.S.F.	POUNDS PER SQUARE FOOT	YD.	YARD

		CONSULTANTS:		Concur M & O		Approved: Service Chief		100% CD FINAL		ARCHITECT:		Drawing Title		Project Title		Project Number		Office of Facilities Management Department of Veterans Affairs	
				Concur Bio-Med		Approved: Service Chief				Elk Consortium + WestEast Design Group JV, LLC 2024 Oregon Street, Suite 201 San Antonio, Texas 78210 210.580.0500 www.westeastdesign.com Texas Registered Architectural Firm		DOCUMENT ORGANIZATION AND GENERAL NOTES		Replace 2nd Floor Roof		671-21-143			
				Concur Safety		Approved: Service Chief						Approved: Project Director		Location		Building Number			
						Approved: Service Chief								Date		Checked			
Revisions:		Date		Approved: Service Chief		Approved: Chief of Staff						SEPT. 03, 2024		JQ		PO		G10.2	
																		Dwg. 2 of 18	

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



F1 VA HOSPITAL CAMPUS MAP
SCALE: N.T.S.



A5 BUILDING ELEVATION
SCALE: N.T.S.

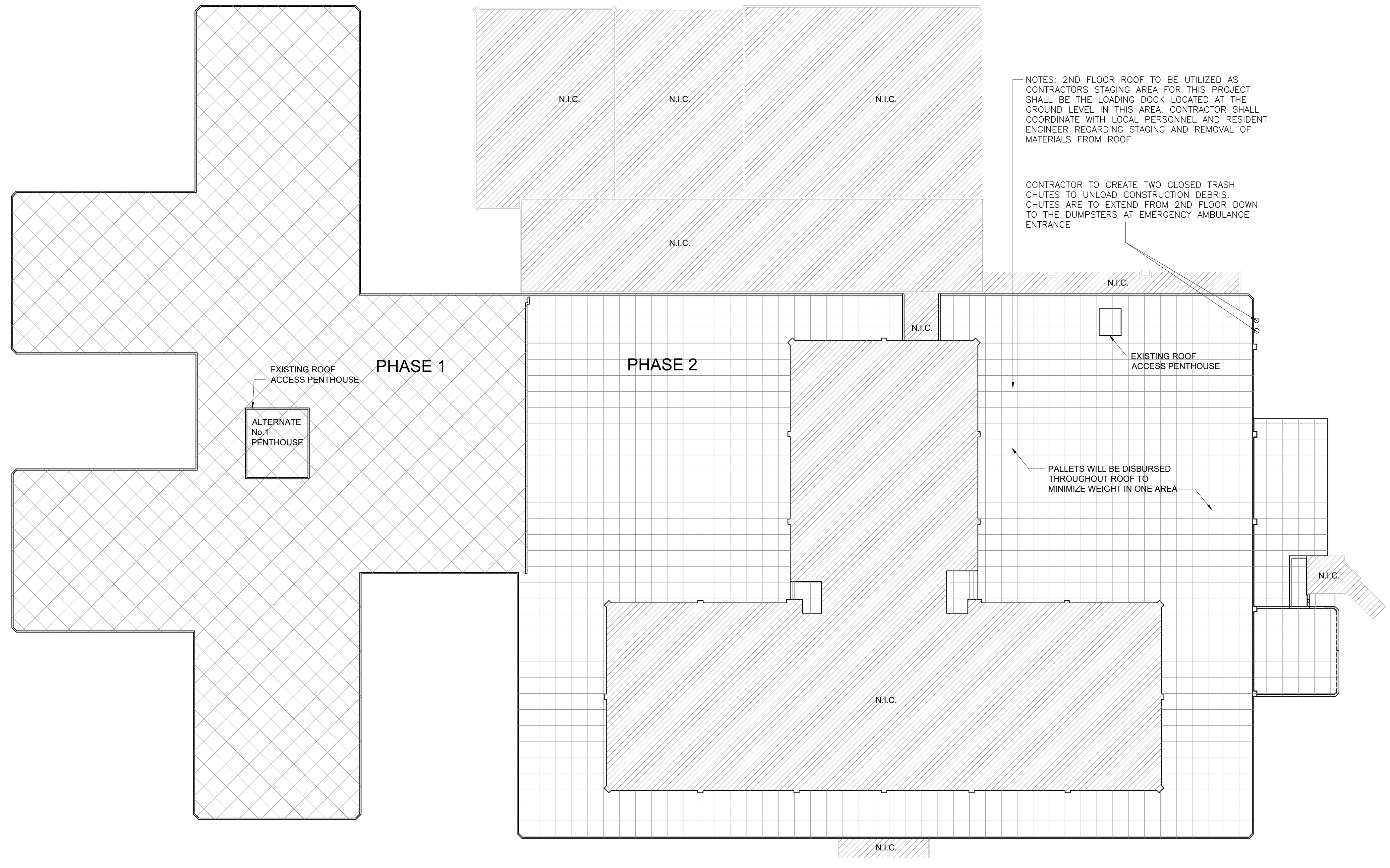
- GENERAL NOTES**
- DEMOLITION PHASES ARE RECOMMENDATIONS ONLY, THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE VA IN ORDER TO MAINTAIN THE SPACES IN FULL OPERATION.
 - GENERAL CONTRACTOR TO RECOMMEND PROJECT CONSTRUCTION ENTRY LOCATIONS FOR APPROVAL.

LEGEND

- REPLACE 2ND FLOOR ROOF PROJECT
- NOT IN CONTRACT

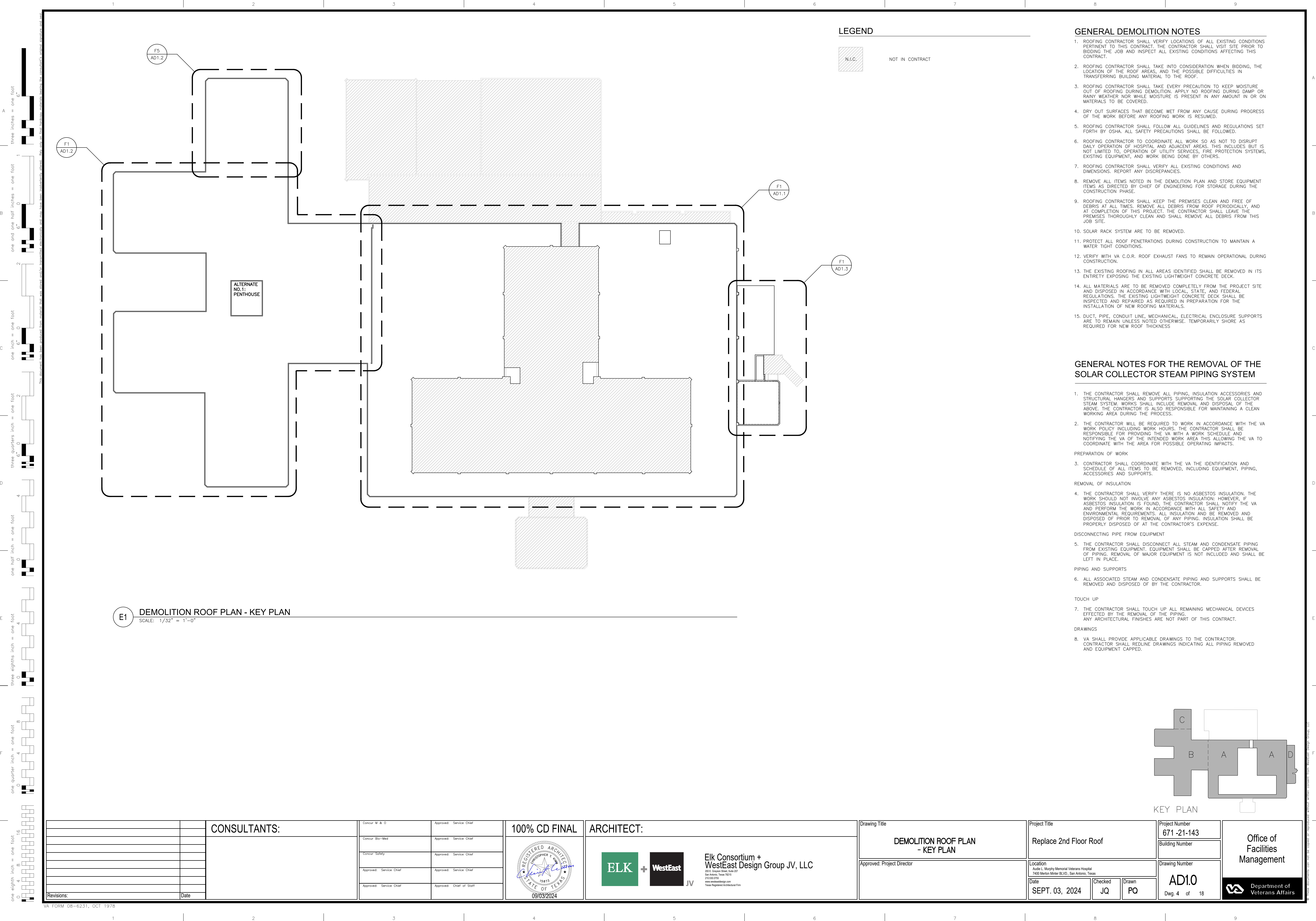
PHASING LEGEND

- PHASE 1
- PHASE 2



F5 2ND FLOOR ROOF PHASING PLAN
SCALE: N.T.S.

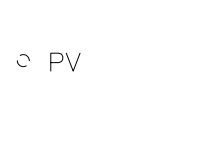
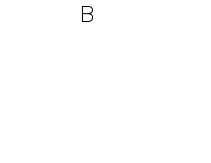
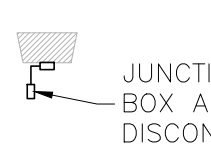
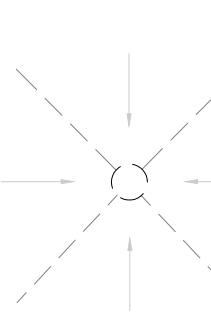
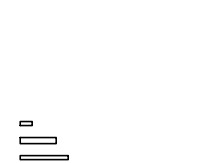
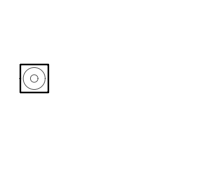
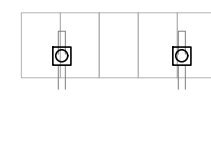
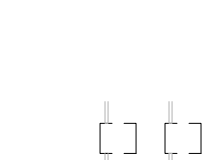
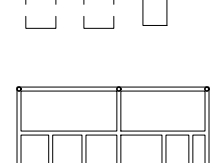
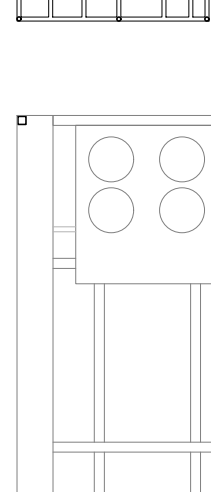
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three inches = one foot
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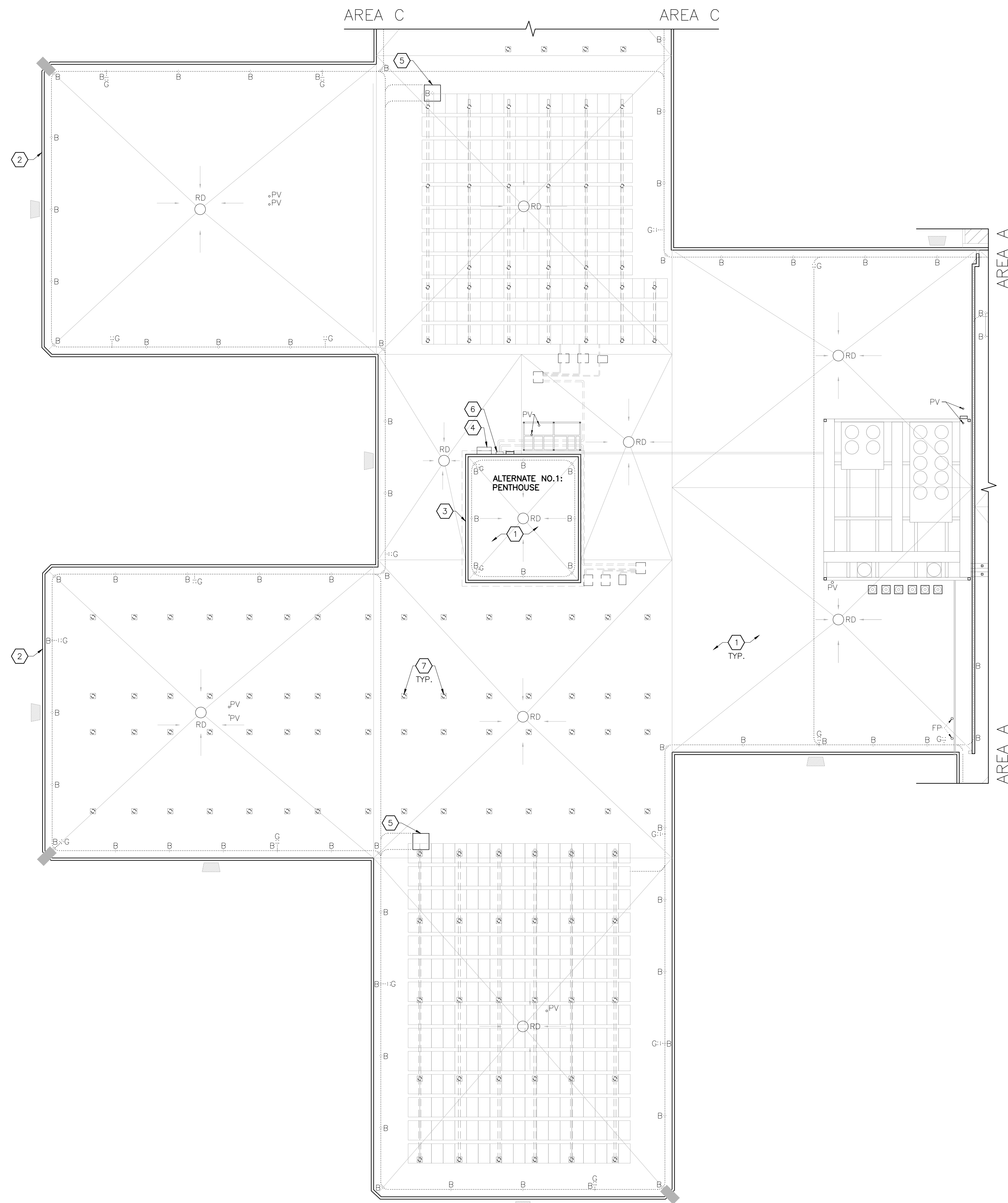
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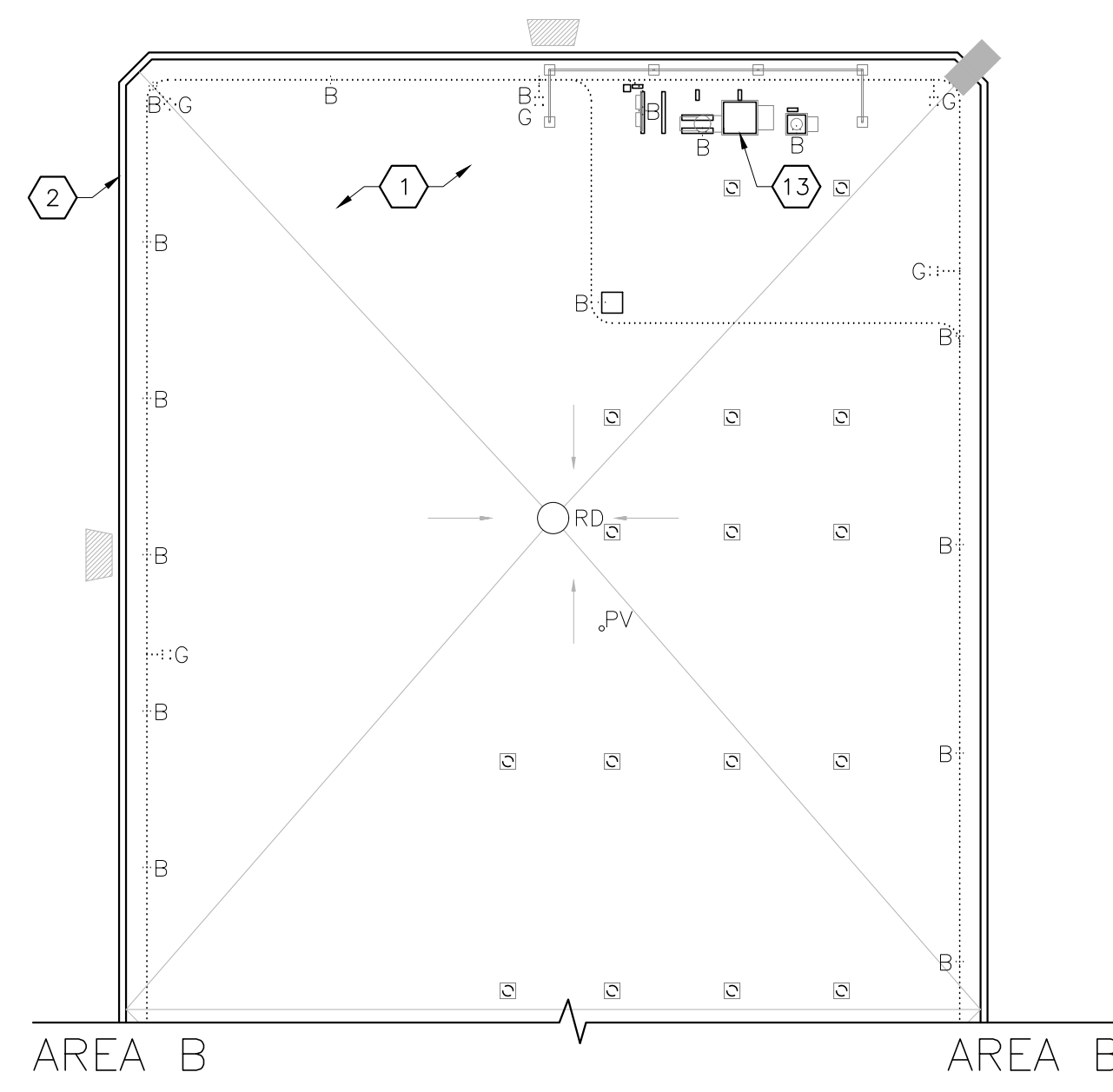
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|---|---|
|  | <p>DEMO ROOF DRAIN – REMOVE AND PREP DRAIN PIPE AS REQUIRED FOR INSTALLATION OF NEW ROOF DRAIN TO ACCOMMODATE NEW ROOF THICKNESS, REFER TO PLUMBING DRAWINGS, TYPICAL</p> |
|  | <p>PLUMBING VENTS – REMOVE EXISTING FLASHING IN CONJUNCTION WITH REMOVAL OF EXISTING ROOFING MATERIALS, PREPARE PIPE AS REQUIRED TO RECEIVE NEW FLASHING</p> |
|  | <p>LIGHTING PROTECTION GROUNDING CABLE TO REMAIN – REMOVE AS REQUIRED TO FACILITATE NEW ROOFING ACTIVITIES AND REINSTALL AT COMPLETION OF PROJECT. SYSTEM MUST BE RE-CERTIFIED BY LICENSED LIGHTING PROTECTION ENGINEER AT THE CONCLUSION OF ALL WORK, REFER TO SPECIFICATIONS</p> |
|  | <p>TYPE "B" LIGHTING POINT, 5/8" X 12". VERIFY – REMOVE AS REQUIRED TO FACILITATE NEW ROOFING ACTIVITIES AND REINSTALL AT COMPLETION OF PROJECT. SYSTEM MUST BE RE-CERTIFIED BY LICENSED LIGHTING PROTECTION ENGINEER AT THE CONCLUSION OF ALL WORK, REFER TO SPECIFICATIONS</p> |
|  | <p>SAFETY CHAIN – REMOVE AND DISPOSE</p> |
|  | <p>SECURITY FLOOD LIGHT MOUNTED ON EXISTING CAST STONE, NO WORK REQUIRED – PREPARE ROOF MOUNTED DISCONNECT AND JUNCTION BOX TO RECEIVE NEW FLASHING</p> |
|  | <p>EXISTING ROOF SLOPE</p> |
|  | <p>FALL PROTECTION ANCHOR TO REMAIN</p> |
|  | <p>GUARD RAILS TO REMAIN – REMOVE AS REQUIRED TO FACILITATE NEW ROOFING ACTIVITIES AND REINSTALL AT COMPLETION OF PROJECT</p> |
|  | <p>EQUIPMENT CURBS – REMOVE EXISTING BASE FLASHING AND PREPARE FOR NEW FLASHING</p> |
|  | <p>ROOF EXHAUST – REMOVE EXISTING BASE FLASHING AND PREPARE FOR NEW FLASHING</p> |
|  | <p>REMOVE SOLAR RACK SYSTEM AND CUT POSTS FLUSH WITH LIGHTWEIGHT CONCRETE – PATCH AND REPAIR LIGHTWEIGHT CONCRETE ADJACENT TO THE CUT POSTS. REFER TO DETAIL D7/A2.1</p> |
|  | <p>REMOVE ELECTRICAL ENCLOSURE AND SUPPORTS – REMOVE AS REQUIRED TO FACILITATE FOR NEW ROOF THICKNESS, REFER TO ELECTRICAL DRAWINGS</p> |
|  | <p>GALVANIZED INVERTER ELECTRICAL PLATFORM AND POSTS – REMOVE EXISTING FLASHING IN CONJUNCTION WITH REMOVAL OF EXISTING ROOFING MATERIALS, PREPARE POSTS AS REQUIRED TO RECEIVE NEW FLASHING</p> |
|  | <p>GALVANIZED STEEL ROOF TOP UNIT PLATFORM AND POSTS – REMOVE EXISTING FLASHING IN CONJUNCTION WITH REMOVAL OF EXISTING ROOFING MATERIALS, PREPARE POSTS AS REQUIRED TO RECEIVE NEW FLASHING</p> |

DEMOLITION KEY NOTES

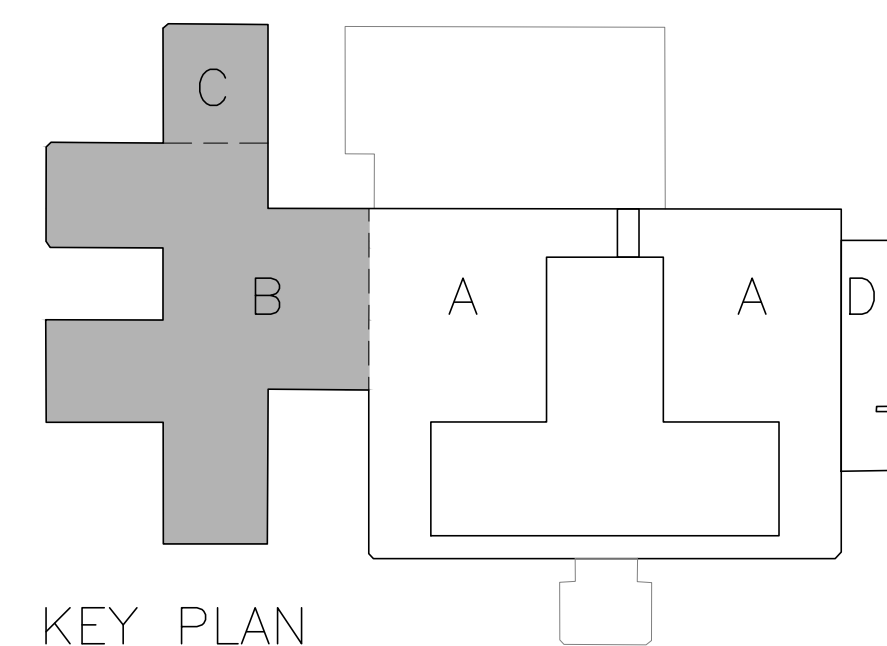
- 1 REMOVE EXISTING ROOF SYSTEM DOWN TO LIGHTWEIGHT CONCRETE, PROPERLY CLEAN AND PREPARE TO ACCEPT NEW ROOFING SYSTEM
- 2 REMOVE PERIMETER EDGE FASCIA CAP AND STORE FOR RE-INSTALLATION, SEE DETAIL B1/A2.0 FOR EXTENT OF NEW WORK
- 3 BUILDING – REMOVE EXISTING BASE FLASHING, COUNTER FLASHING, AND PREPARE FOR NEW FLASHING AND SEALANT
- 4 REMOVE METAL PLATFORM ACCESS
- 5 ROOF COVER INLET – REMOVE EXISTING BASE FLASHING. PREPARE AS REQUIRED TO RECEIVE NEW FLASHING
- 6 ELECTRICAL PANEL TO REMAIN
- 7 REMOVE SOLAR POSTS – INFILL WITH LIGHTWEIGHT CONCRETE. PATCH, REPAIR, AND PREPARE POST DETAILS AS REQUIRED TO RECEIVE NEW ROOFING SYSTEM. REFER TO DETAIL D7/A2.1



F1 DEMOLITION ENLARGED ROOF PLAN - AREA B
SCALE: 1/16" = 1'-0"



F5 **DEMOLITION ENLARGED ROOF PLAN - AREA C**
SCALE: 1/16" = 1'-0"

[illegible]



- ### LEGEND

EXISTING ROOF NOT IN CONTRACT

DEMO ROOF DRAIN- REMOVE AND PREP DRAIN PIPE AS REQUIRED FOR INSTALLATION OF NEW ROOF DRAIN TO ACCOMMODATE NEW ROOF THICKNESS, REFER TO PLUMBING DRAWINGS, TYPICAL

ROOF INLETS/ EXHAUST HOODS—
REMOVE EXISTING BASE FLASHING. PREPARE
AS REQUIRED TO RECEIVE NEW FLASHING

EXISTING ROOF FANS, PREP CURBS TO
RECEIVE NEW ROOF SYSTEM

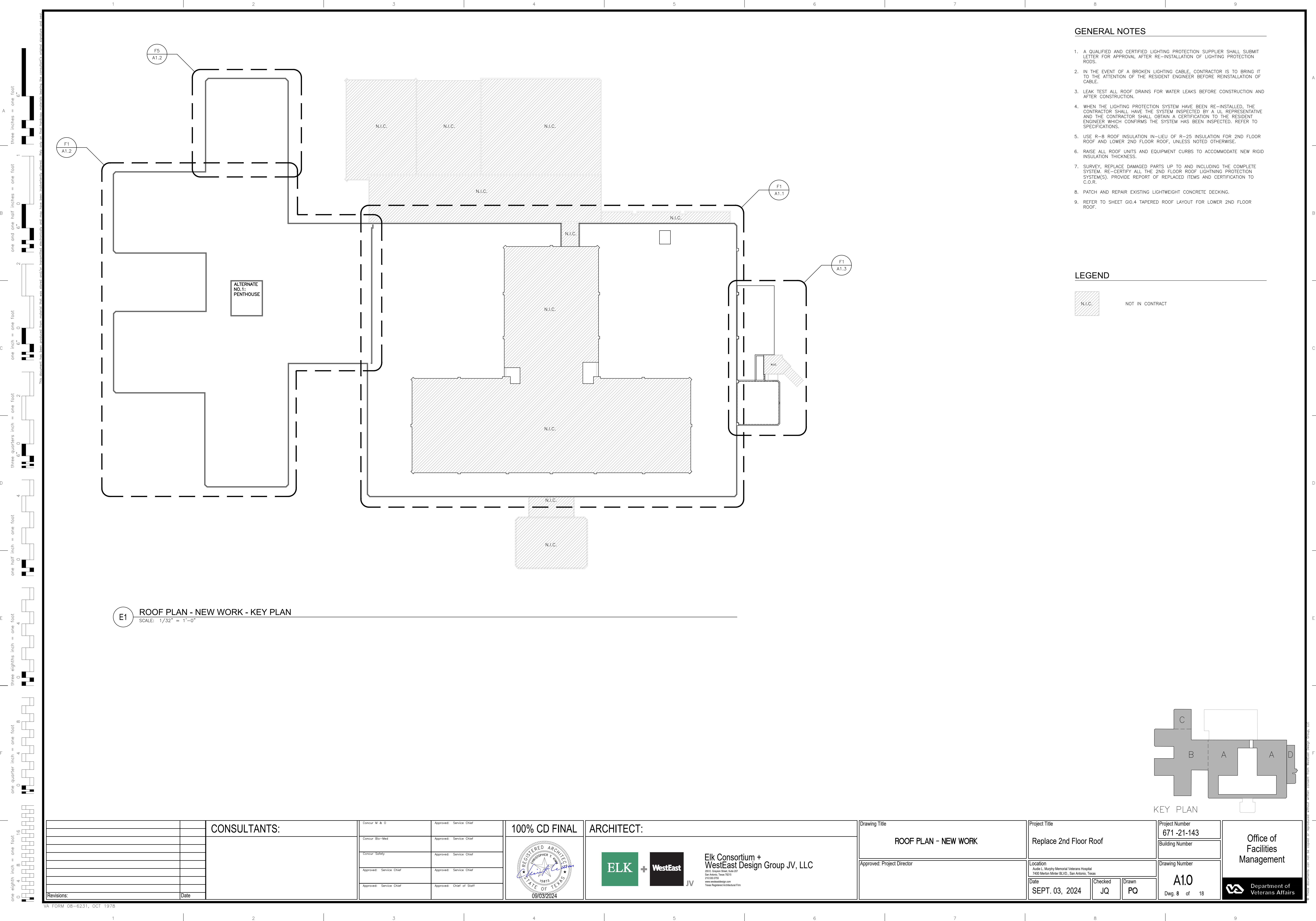
EXISTING ROOFTOP UNIT, PREP CURBS TO
RECEIVE NEW ROOF SYSTEM

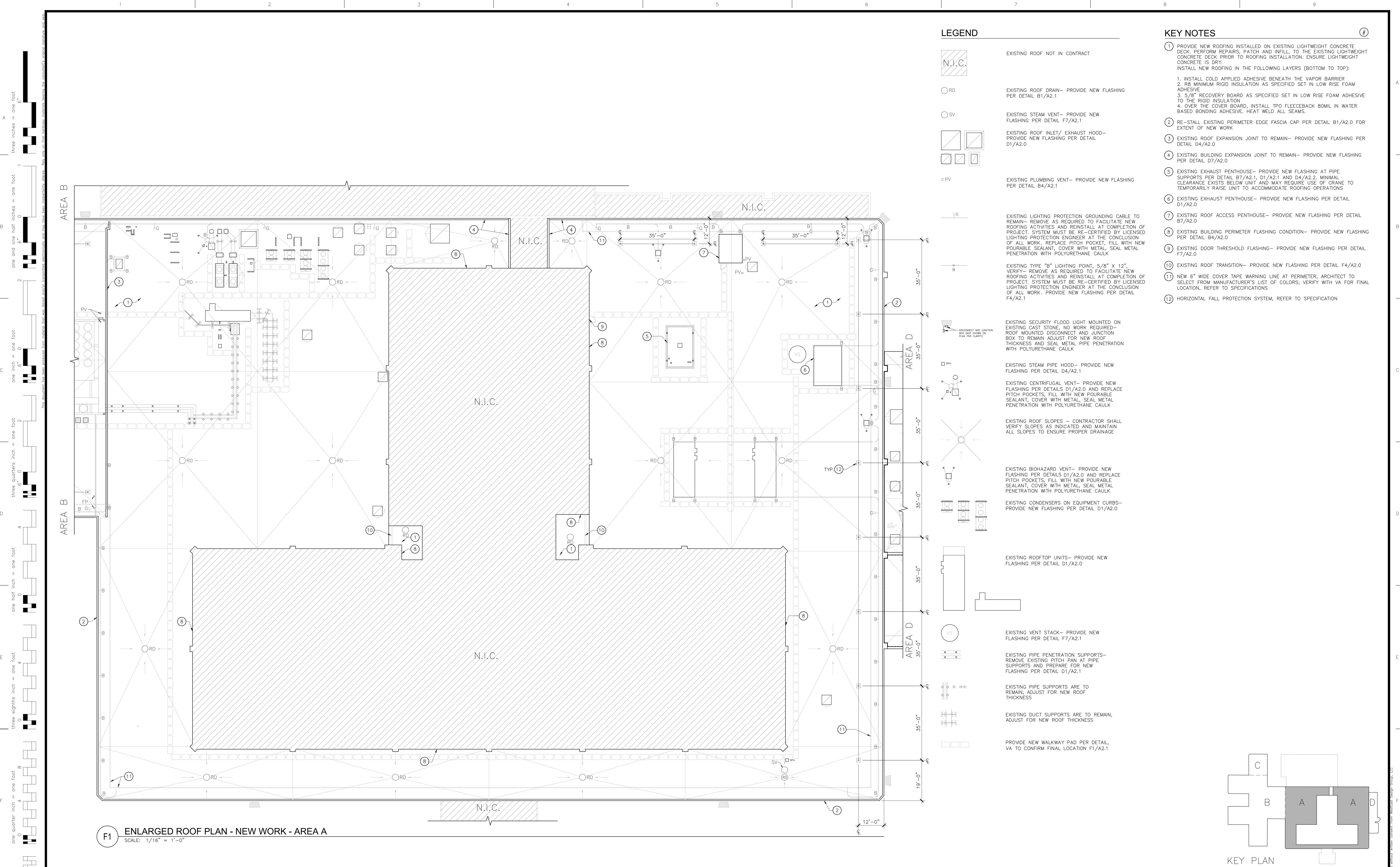
EXISTING ROOF SLOPES

EXISTING LIGHTING PROTECTION GROUNDING CABLE
TO REMAIN- REMOVE AS REQUIRED TO FACILITATE
NEW ROOFING ACTIVITIES AND REINSTALL AT
COMPLETION OF PROJECT. SYSTEM MUST BE
RE-CERTIFIED BY LICENSED LIGHTING PROTECTION
ENGINEER AT THE CONCLUSION OF ALL WORK.
REPLACE PITCH POCKET, FILL WITH NEW POURABLE
SEALANT, COVER WITH METAL, SEAL METAL
PENETRATION WITH POLYURETHANE CAULK

EXISTING TYPE "B" LIGHTING POINT, 5/8" X 12",
VERIFY- REMOVE AS REQUIRED TO FACILITATE NEW
ROOFING ACTIVITIES AND REINSTALL AT COMPLETION
OF PROJECT. SYSTEM MUST BE RE-CERTIFIED BY
LICENSED LIGHTING PROTECTION ENGINEER AT THE
CONCLUSION OF ALL WORK. PROVIDE NEW FLASHING
PER DETAIL F4/A2.1

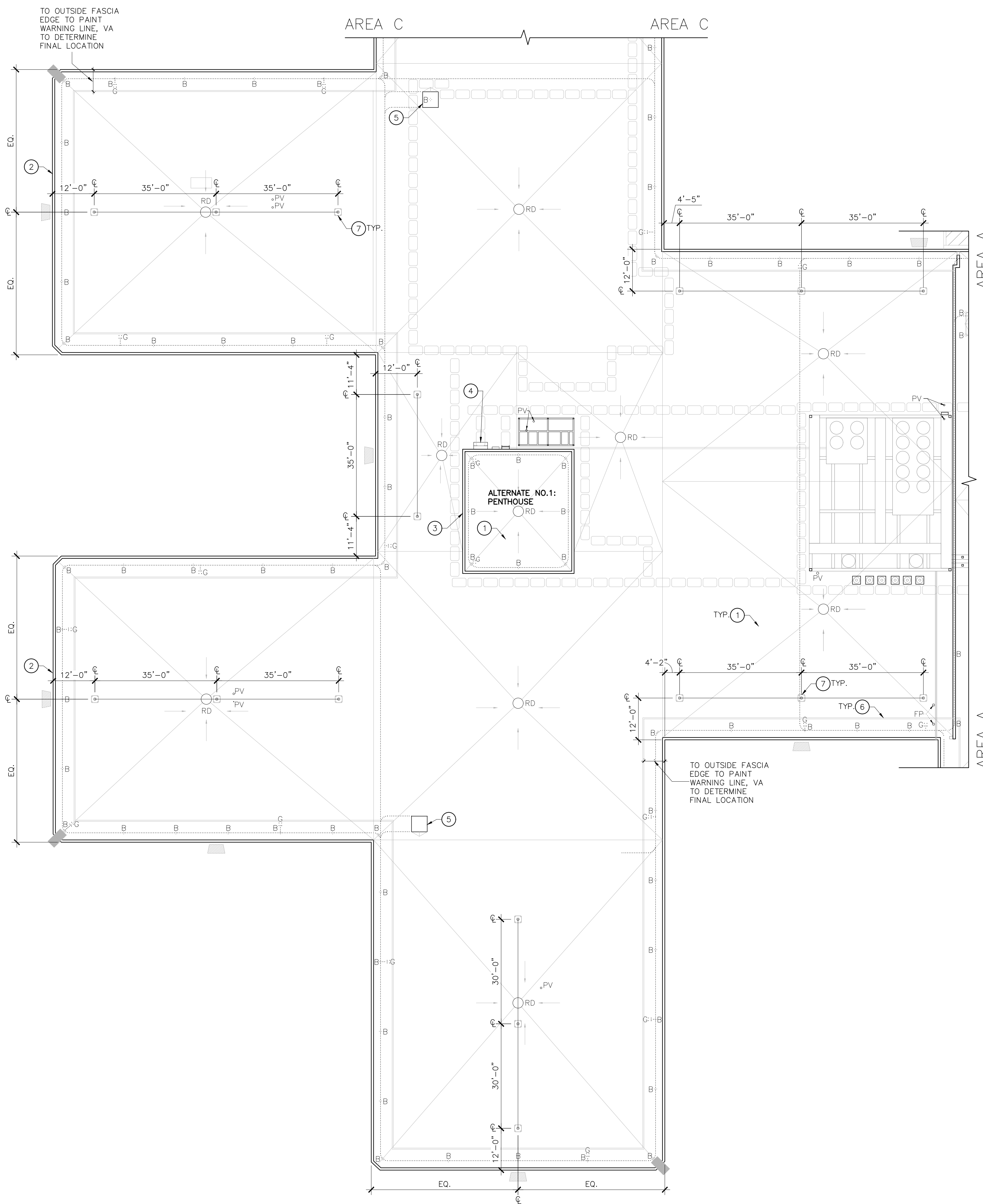
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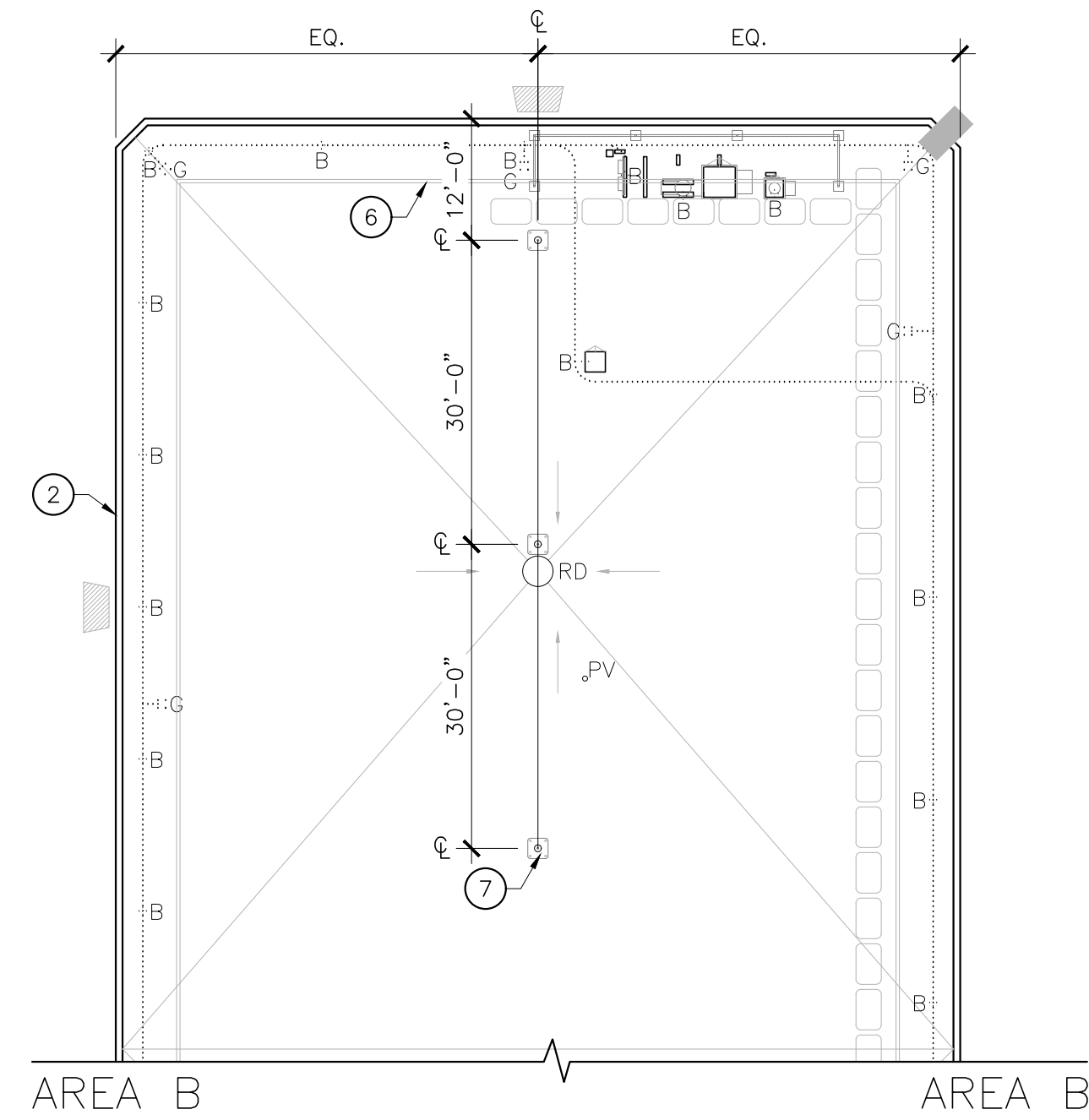


		CONSULTANTS:	Concur M & O	Approved: Service Chief	100% CD FINAL	ARCHITECT:	ELK + WestEast JV Elk Consortium + WestEast Design Group JV, LLC 200 E. Gayton Street, Suite 207 San Antonio, Texas 78215 210.588.0700 www.westeastdesign.com Texas Registered Architectural Firm	Drawing Title	Project Title			Project Number		Office of Facilities Management		
			Concur Bio-Med	Approved: Service Chief					Replace 2nd Floor Roof			671 -21-143				
			Concur Safety	Approved: Service Chief					Location			Building Number				
			Approved: Service Chief	Approved: Service Chief					Date			Drawing Number				
			Approved: Service Chief	Approved: Chief of Staff					SEPT. 03, 2024			A1.1				
Revisions:		Date			09/03/2024		Approved: Project Director	Checked			Drawn		Dwg. 9 of 18	Department of Veterans Affairs		
								JQ		PO						

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F1 ENLARGED ROOF PLAN - NEW WORK - AREA B
SCALE: 1/16" = 1'-0"



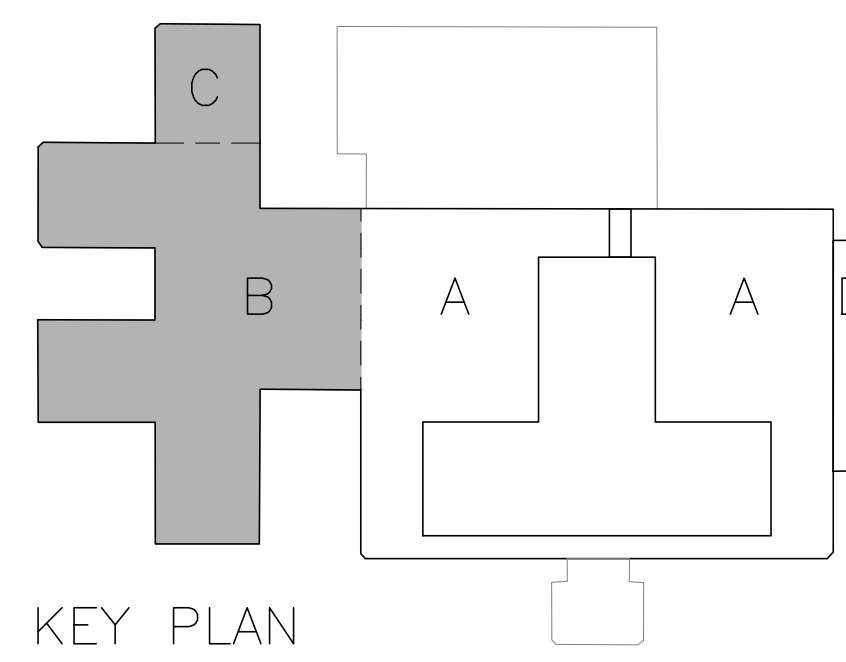
F5 ENLARGED ROOF PLAN - NEW WORK - AREA C
SCALE: 1/16" = 1'-0"

LEGEND

- RD NEW ROOF DRAIN - PROVIDE NEW FLASHING PER DETAIL B1/A2.1
- PV EXISTING PLUMBING VENT - PROVIDE NEW FLASHING PER DETAIL B4/A2.1
- EXISTING LIGHTING PROTECTION GROUNDING CABLE TO REMAIN- REMOVE AS REQUIRED TO FACILITATE NEW ROOFING ACTIVITIES AND REINSTALL AT COMPLETION OF PROJECT. SYSTEM MUST BE RE-CERTIFIED BY LICENSED LIGHTING PROTECTION ENGINEER AT THE CONCLUSION OF ALL WORK. REPLACE PITCH POCKET, FILL WITH NEW POURABLE SEALANT, COVER WITH METAL, SEAL METAL PENETRATION WITH POLYURETHANE CAULK
- EXISTING TYPE "B" LIGHTING POINT, 5/8" X 12". VERIFY- REMOVE AS REQUIRED TO FACILITATE NEW ROOFING ACTIVITIES AND REINSTALL AT COMPLETION OF PROJECT. SYSTEM MUST BE RE-CERTIFIED BY LICENSED LIGHTING PROTECTION ENGINEER AT THE CONCLUSION OF ALL WORK. PROVIDE NEW FLASHING PER DETAIL F4/A2.1
- EXISTING SECURITY FLOOD LIGHT MOUNTED ON EXISTING CAST STONE, NO WORK REQUIRED- ROOF MOUNTED DISCONNECT AND JUNCTION BOX TO REMAIN ADJUST FOR NEW ROOF THICKNESS AND SEAL METAL PIPE PENETRATION WITH POLYURETHANE CAULK
- EXISTING ROOF SLOPES - CONTRACTOR SHALL VERIFY SLOPES AS INDICATED AND MAINTAIN ALL SLOPES TO ENSURE PROPER DRAINAGE
- EXISTING FALL PROTECTION ANCHOR TO REMAIN
- EXISTING GUARD RAILS TO REMAIN - REMOVE AS REQUIRED TO FACILITATE NEW ROOFING ACTIVITIES AND REINSTALL AT COMPLETION OF PROJECT
- EXISTING EQUIPMENT CURBS - PROVIDE NEW FLASHING PER DETAIL D1/A2.0
- EXISTING ROOF EXHAUST - PROVIDE NEW FLASHING PER DETAIL D1/A2.0
- GALVANIZED INVERTER ELECTRICAL PLATFORM AND POSTS - PROVIDE NEW FLASHING PER DETAIL B1/A2.2
- PROVIDE NEW WALKWAY PAD PER DETAIL, VA TO CONFIRM FINAL LOCATIONS F1/A2.1
- EXISTING GALVANIZED STEEL ROOF TOP UNIT PLATFORM AND POSTS - PROVIDE NEW FLASHING PER DETAIL B7/A2.1

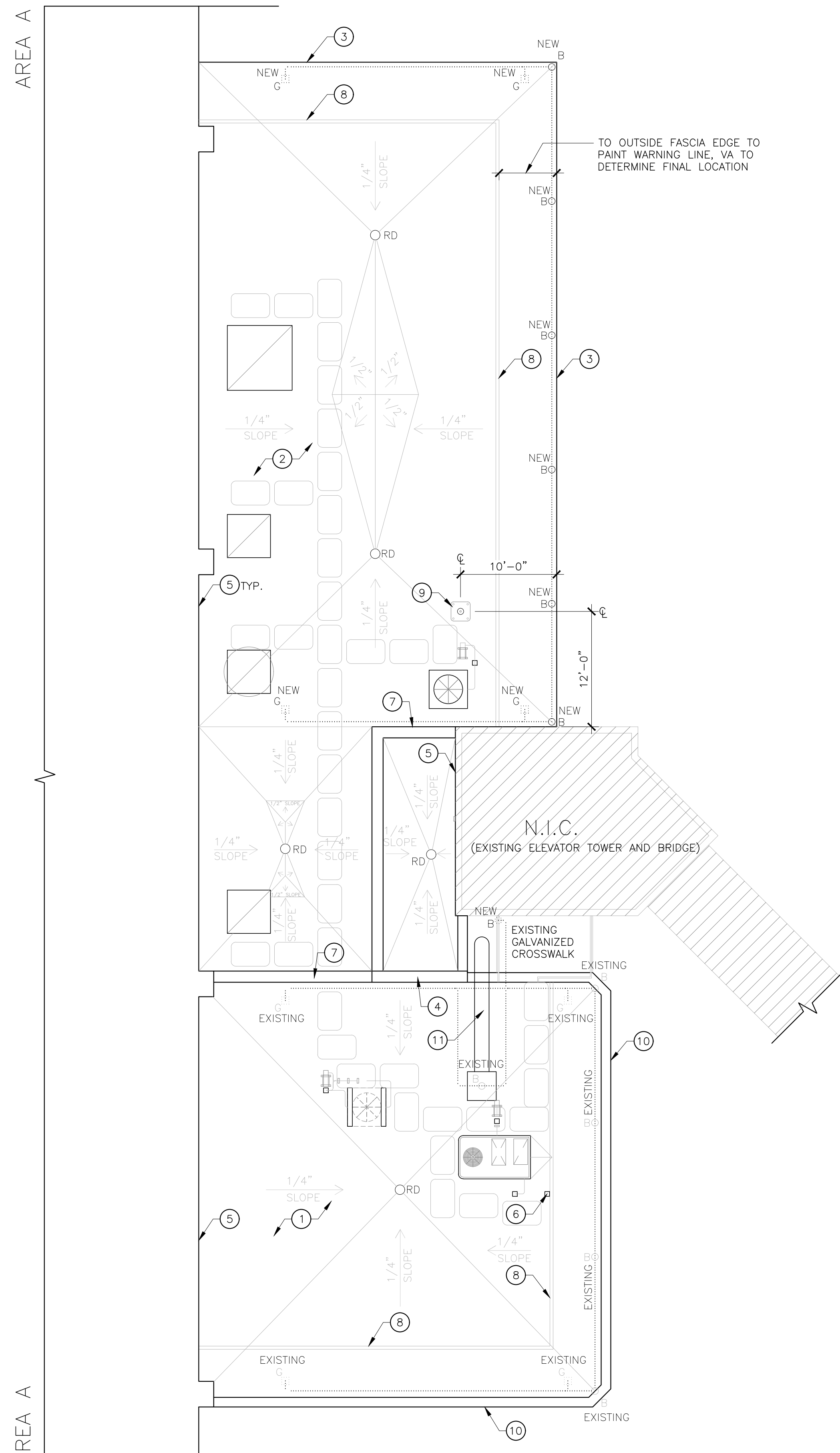
KEY NOTES

- PROVIDE NEW ROOFING INSTALLED ON EXISTING LIGHTWEIGHT CONCRETE DECK. PERFORM REPAIRS, PATCH AND INFILL TO THE EXISTING LIGHTWEIGHT CONCRETE DECK PRIOR TO ROOFING INSTALLATION. ENSURE LIGHTWEIGHT CONCRETE IS DRY.
INSTALL NEW ROOFING IN THE FOLLOWING LAYERS (BOTTOM TO TOP):
1. INSTALL COLD APPLIED ADHESIVE BENEATH THE VAPOR BARRIER
2. R8 MINIMUM RIGID INSULATION AS SPECIFIED SET IN LOW RISE FOAM ADHESIVE
3. 5/8" RECOVERY BOARD AS SPECIFIED SET IN LOW RISE FOAM ADHESIVE TO THE RIGID INSULATION
4. OVER THE COVER BOARD, INSTALL TPO FLEECEBACK 80MIL IN WATER BASED BONDING ADHESIVE, HEAT WELD ALL SEAMS.
- RE-STALL EXISTING PERIMETER EDGE FASCIA CAP PER DETAIL B1/A2.0 FOR EXTENT OF NEW WORK
- EXISTING BUILDING PERIMETER FLASHING CONDITION- PROVIDE NEW FLASHING PER DETAIL B4/A2.0
- NEW GALVANIZED PRE-FAB PLATFORM WITH HANDRAILS, REFER TO SPECIFICATIONS
- ROOF COVER INLET- PROVIDE NEW FLASHING PER DETAIL D1/A2.0
- NEW 6" WIDE COVER TAPE WARNING LINE AT PERIMETER, ARCHITECT TO SELECT FROM MANUFACTURER'S LIST OF COLORS; VERIFY WITH VA FOR FINAL LOCATION
- HORIZONTAL FALL PROTECTION SYSTEM, REFER TO SPECIFICATION



KEY PLAN

		CONSULTANTS:	Concur: M & O	Approved: Service Chief	100% CD FINAL	ARCHITECT:	ELK + WestEast JV Elk Consortium + WestEast Design Group JV, LLC 202 ©, Copyright, Suite 201 San Antonio, Texas 78210 210.581.0100 www.westeastdesign.com Texas Registered Architectural Firm	Drawing Title	Project Title	Project Number	Office of Facilities Management
			Concur: Bio-Med	Approved: Service Chief				ENLARGED ROOF PLAN - NEW WORK - AREAS B AND C	Replace 2nd Floor Roof	671-21-143	
			Concur: Safety	Approved: Service Chief					Drawing Number	A1.2	
			Approved: Service Chief	Approved: Service Chief							
			Approved: Service Chief	Approved: Service Chief							
			Approved: Service Chief	Approved: Chief of Staff							
Revisions:	Date					Approved: Project Director	Location	Drawing Number			
							Audie L. Murphy Memorial Veterans Hospital 7600 Meriton Miller BLVD., San Antonio, Texas				
							Date	Checked	Drawn	Dwg. 10 of 18	 Department of Veterans Affairs
							SEPT. 03, 2024	JQ	PO		

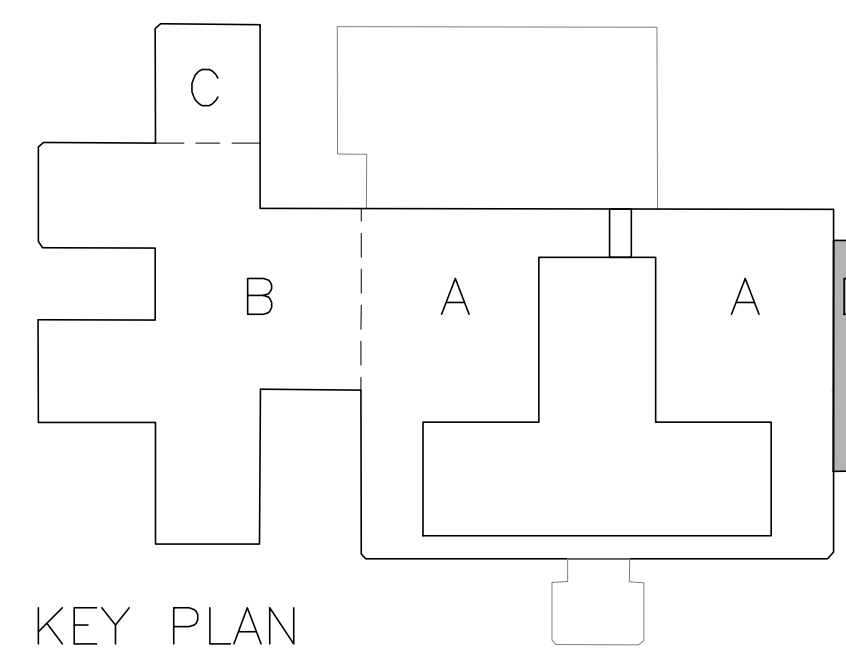
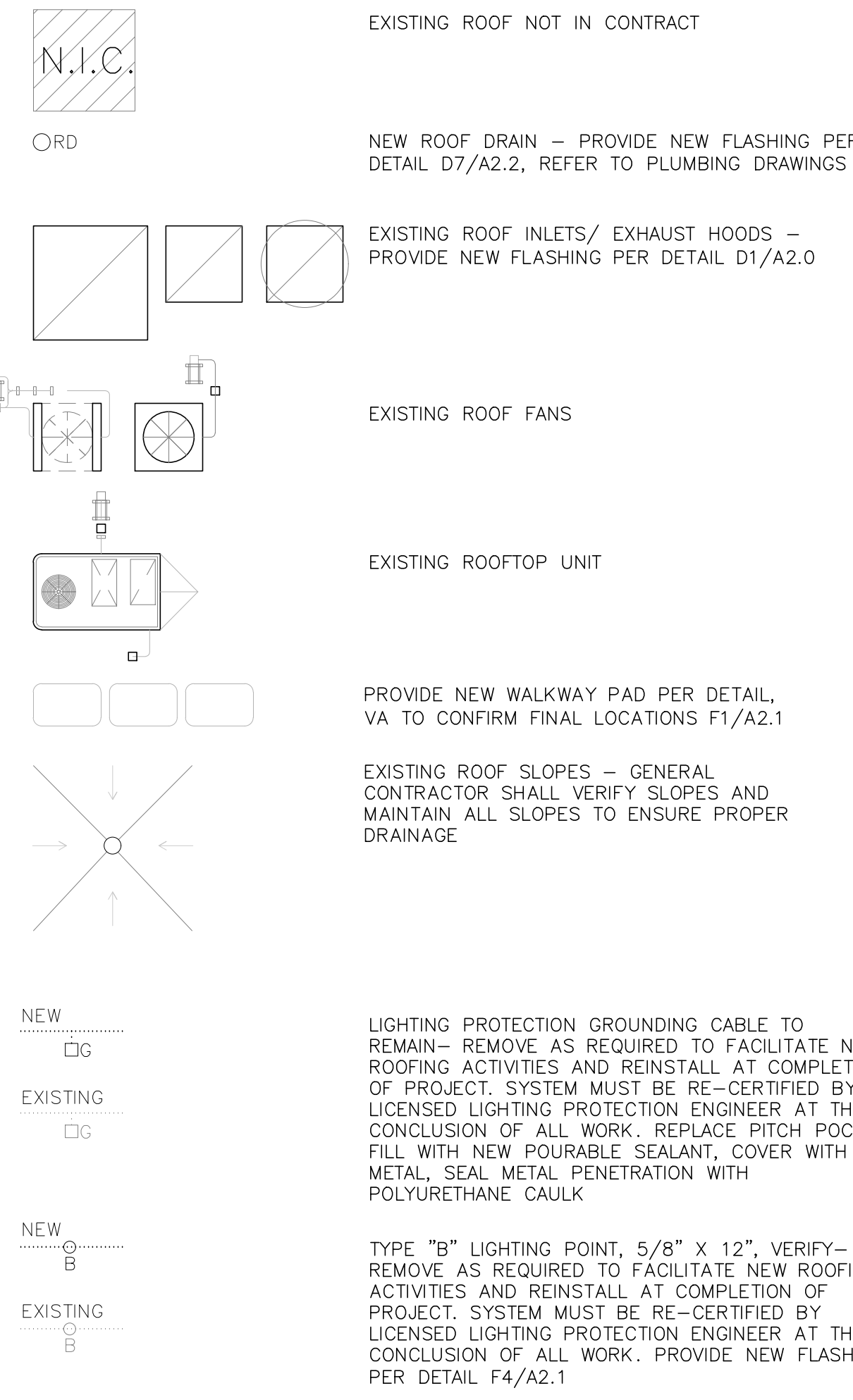


F1 ENLARGED ROOF PLAN - NEW WORK - AREA D
SCALE: $1/16" = 1'-0"$

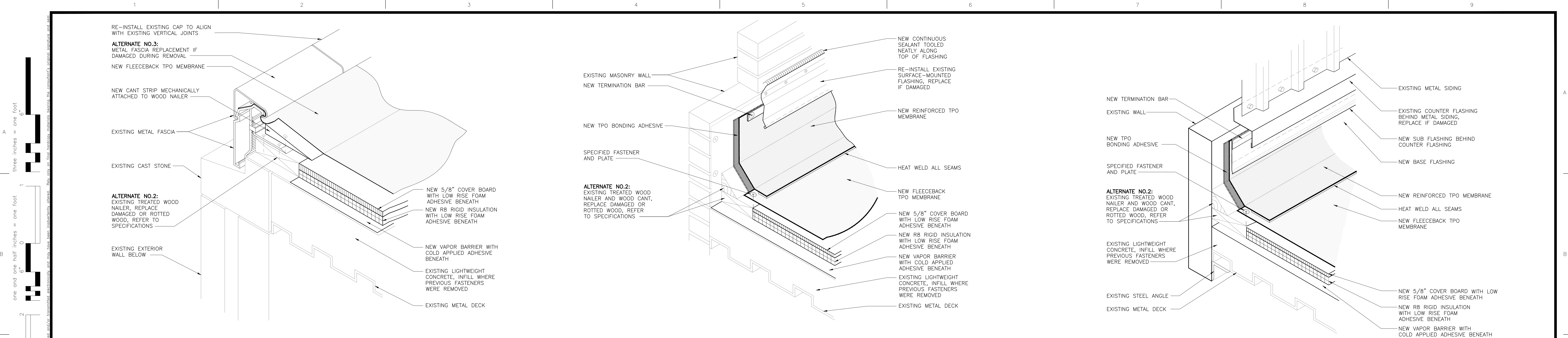
KEY NOTES #

- 1 PROVIDE NEW ROOFING INSTALLED ON EXISTING LIGHTWEIGHT CONCRETE DECK, PERFORM REPAIRS, PATCH AND INFILL, TO THE EXISTING LIGHTWEIGHT CONCRETE DECK PRIOR TO ROOFING INSTALLATION. ENSURE LIGHTWEIGHT CONCRETE IS DRY.
- INSTALL NEW ROOFING IN THE FOLLOWING LAYERS (BOTTOM TO TOP):
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 2. R8 MINIMUM TAPERED RIGID INSULATION AS SPECIFIED SET IN LOW RISE FOAM ADHESIVE
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 4. OVER THE COVER BOARD, INSTALL TPO FLEECEBACK 80MIL IN WATER BASED BONDING ADHESIVE. HEAT WELD ALL SEAMS.
- 2 PROVIDE NEW ROOFING INSTALLED ON EXISTING TAPERED INSULATION, PERFORM REPAIRS, PATCH AND INFILL, TO THE EXISTING TAPERED INSULATION PRIOR TO ROOFING INSTALLATION. ENSURE TAPERED INSULATION IS DRY.
- 3 INSTALL NEW ROOF EDGE PER DETAIL F1/A2.2 FOR EXTENT OF NEW WORK
- 4 EXISTING ROOF EXPANSION JOINT TO REMAIN
 - PROVIDE NEW FLASHING PER DETAIL F7/A2.2
- 5 EXISTING BUILDING WALL TO REMAIN
 - PROVIDE NEW FLASHING PER DETAIL F3/A2.2
- 6 EXISTING SINGLE POINT ANCHOR FALL PROTECTION TO REMAIN
- 7 EXISTING ROOF TRANSITION – PROVIDE NEW FLASHING PER DETAIL F4/A2.2
- 8 NEW 6" WIDE COVER TAPE WARNING LINE AT PERIMETER, ARCHITECT TO SELECT FROM MANUFACTURER'S LIST OF COLORS; VERIFY WITH VA FOR FINAL LOCATION, REFER TO SPECIFICATIONS
- 9 NEW SINGLE POINT ANCHOR FALL PROTECTION, REFER TO SPECIFICATION
- 10 EXISTING CAST STONE COPING, NO WORK
- 11 EXISTING GALVANIZED VENT PIPE TO REMAIN

LEGEND



		CONSULTANTS:	Concur M & O	Approved: Service Chief	100% CD FINAL	ARCHITECT: BLK + WestEast JV Elk Consortium + WestEast Design Group JV, LLC 2010 Capitol Mall, Suite 201 San Antonio, Texas 78215 210.535.2795 www.westeastgroup.com Texas Registered Architectural Firm	Drawing Title	Project Title	Project Number	Office of Facilities Management  Department of Veterans Affairs	
			Concur Bio-Med	Approved: Service Chief			671-21-143				
			Concur Safety	Approved: Service Chief			Building Number				
			Approved: Service Chief	Approved: Service Chief			Drawing Number				
			Approved: Service Chief	Approved: Chief of Staff			A13				
							Dwg. 11 of 18				
Revisions:	Date						Approved: Project Director	Location Audie L. Murphy Memorial Veterans Hospital 7400 Martin Meiner BLVD., San Antonio, Texas	Date SEPT. 03, 2024	Checked JQ	Drawn PO
							ENLARGED ROOF AND FLOOR PLANS - NEW WORK - AREA D	Replace 2nd Floor Roof			



B1 FASCIA FLASHING SYSTEM AT EXISTING ROOF EDGE

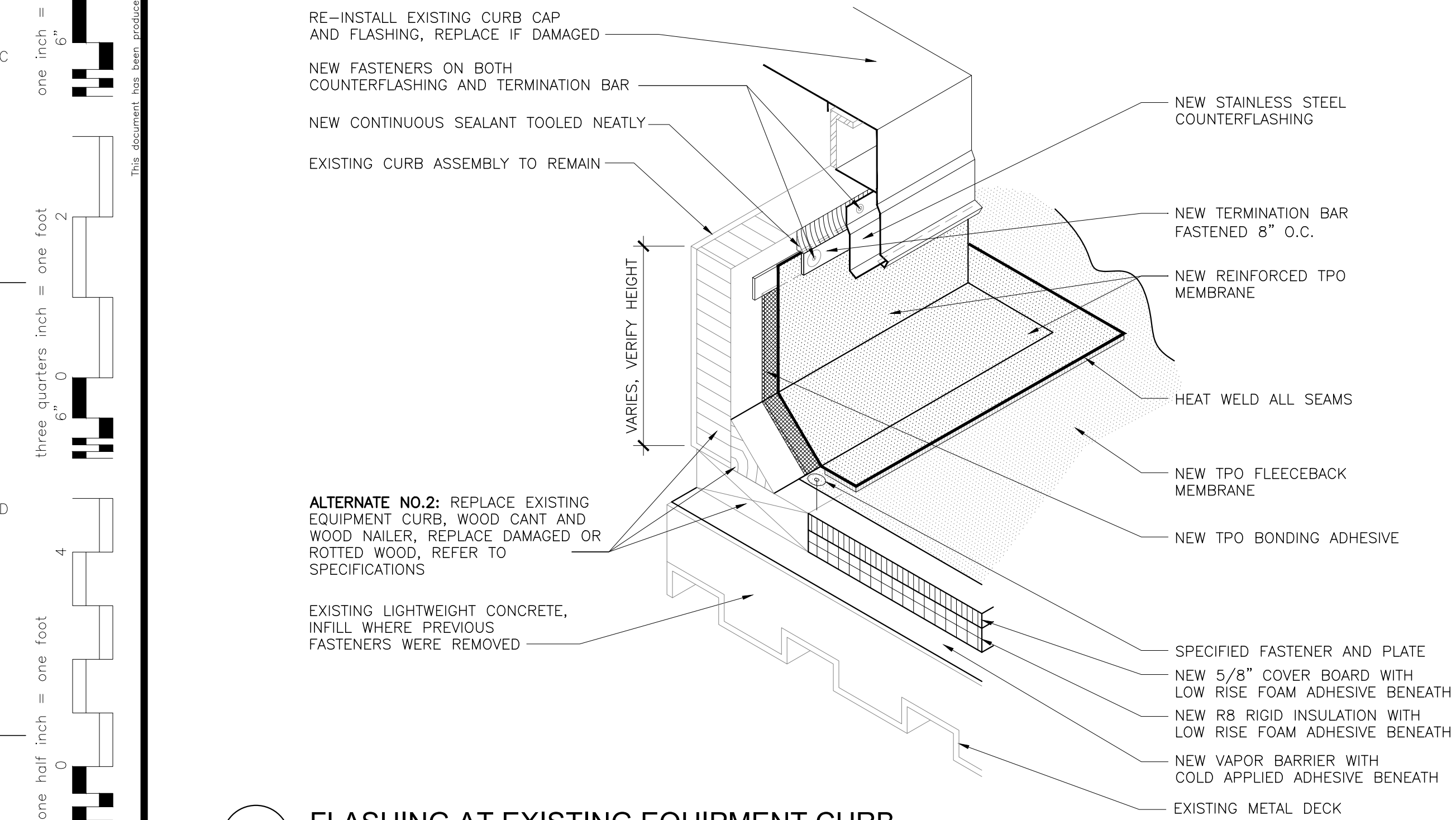
SCALE: N.T.S.

B4 FLASHING AT EXISTING SURFACE-MOUNTED FLASHING CONDITION

SCALE: N.T.S.

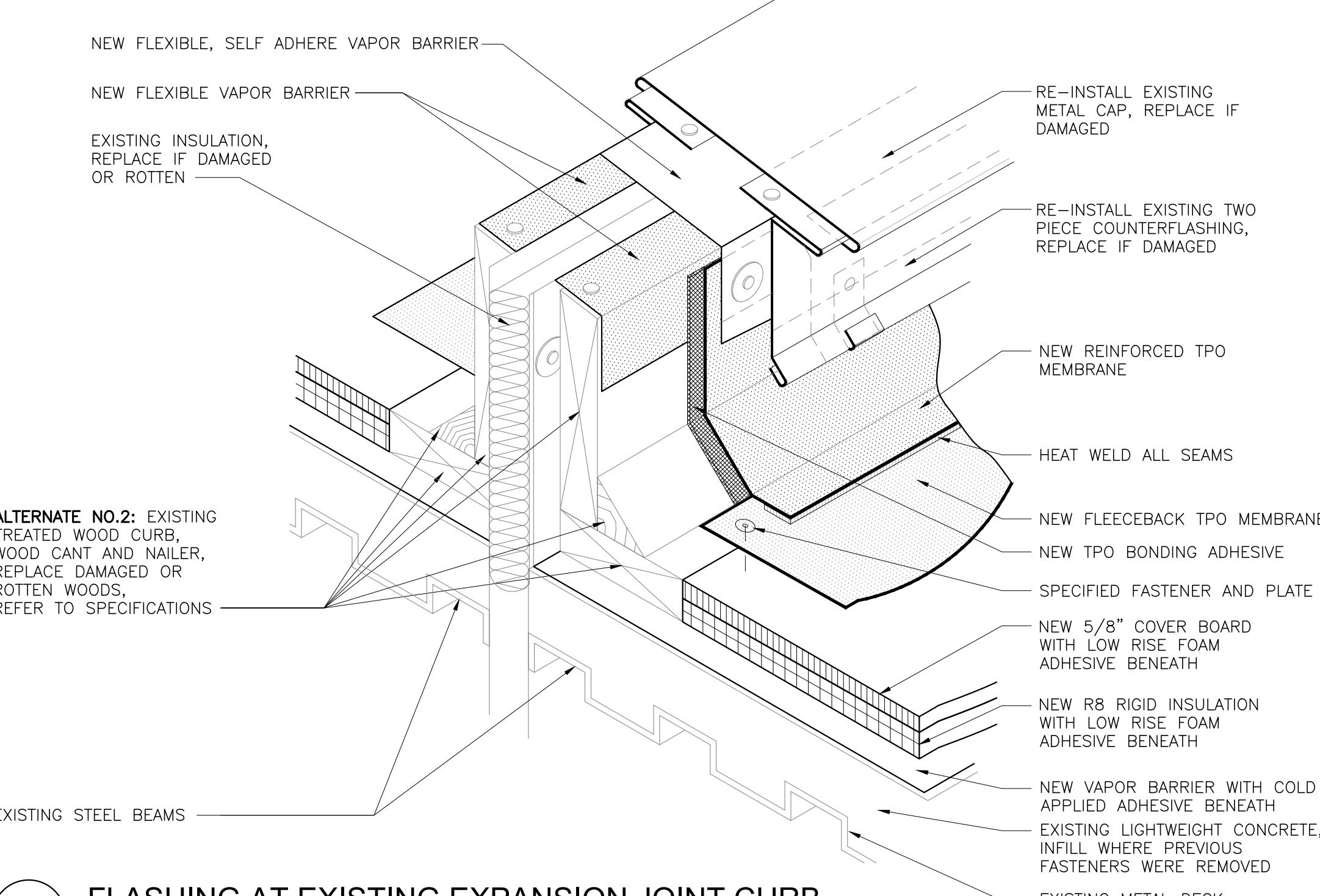
B7 METAL WALL PANEL FLASHING

SCALE: N.T.S.



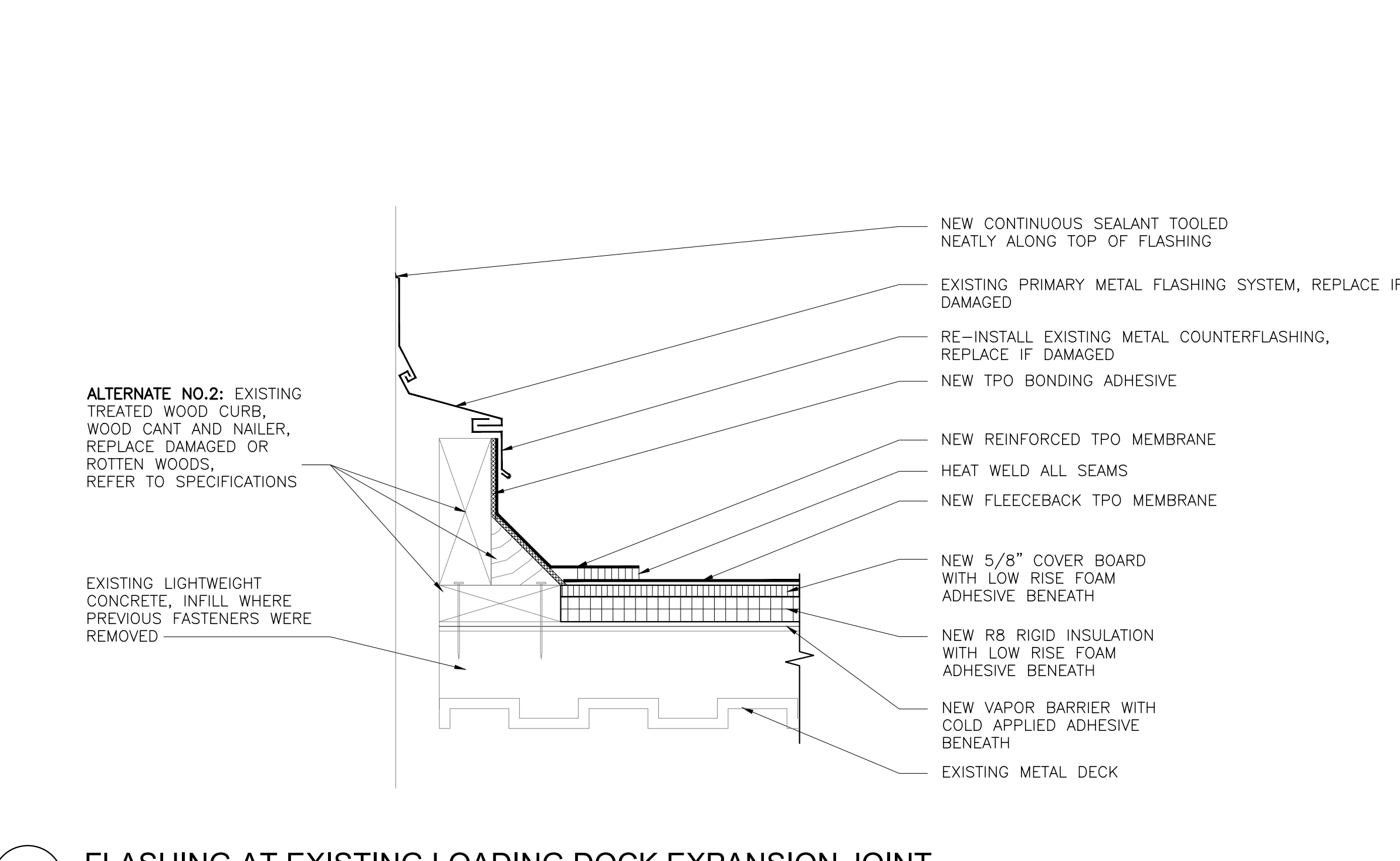
D1 FLASHING AT EXISTING EQUIPMENT CURB

SCALE: N.T.S.



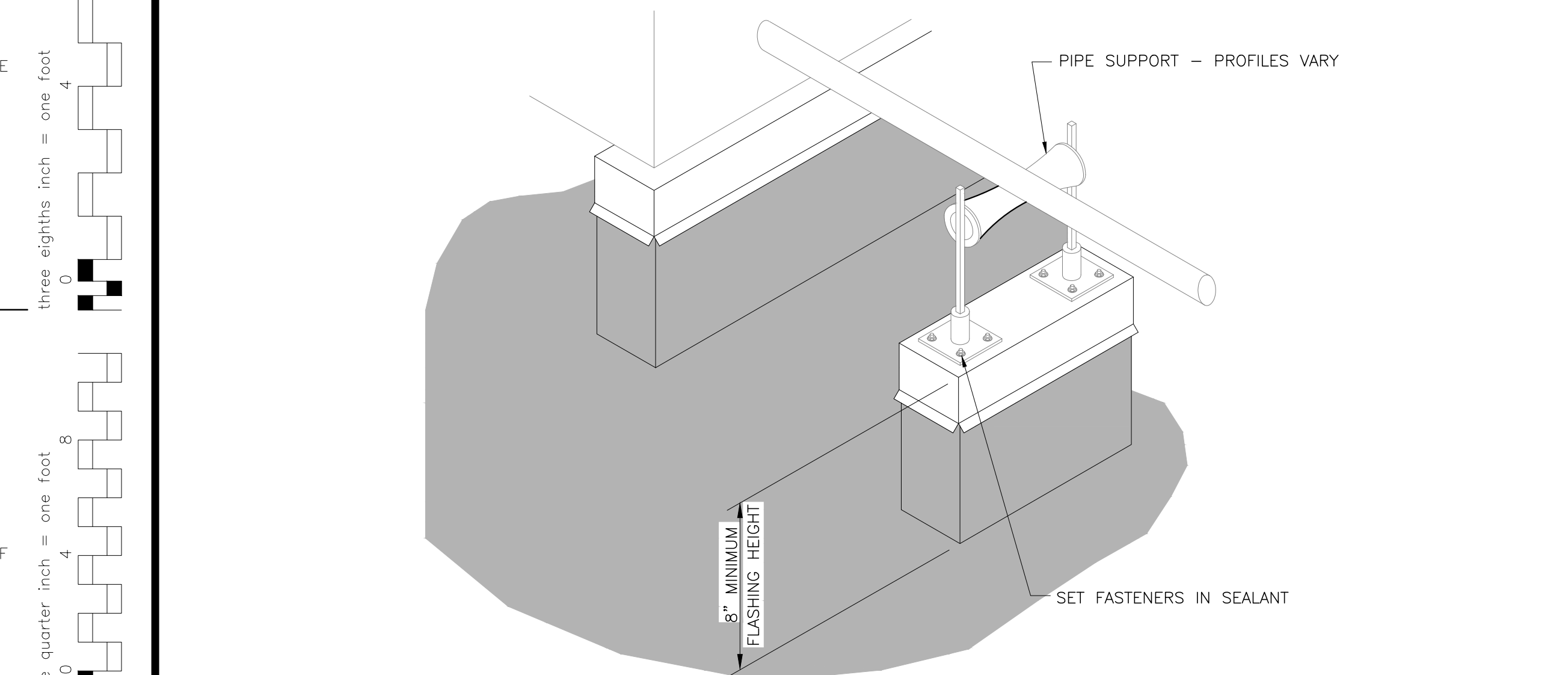
D4 FLASHING AT EXISTING EXPANSION JOINT CURB

SCALE: N.T.S.



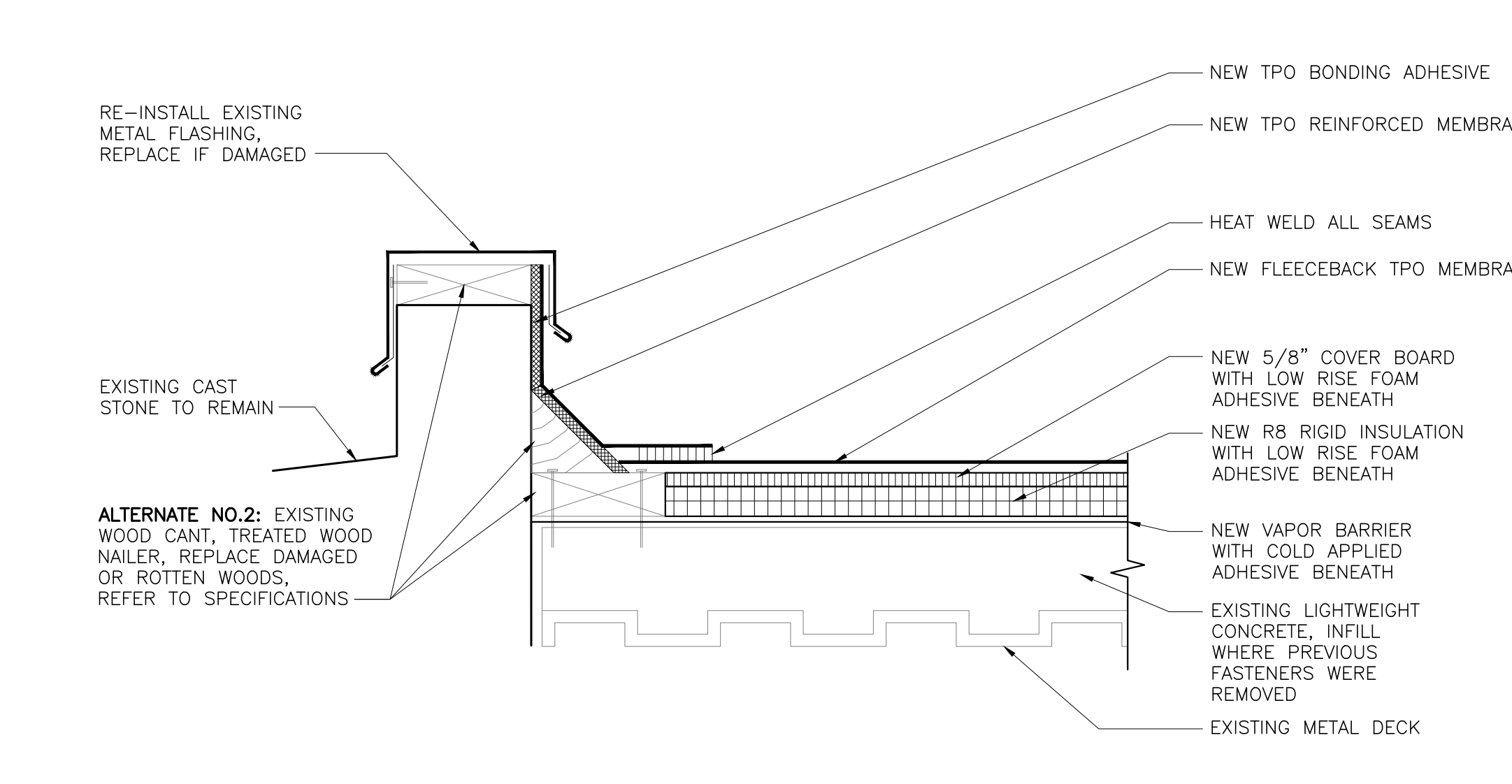
D7 FLASHING AT EXISTING LOADING DOCK EXPANSION JOINT

SCALE: N.T.S.



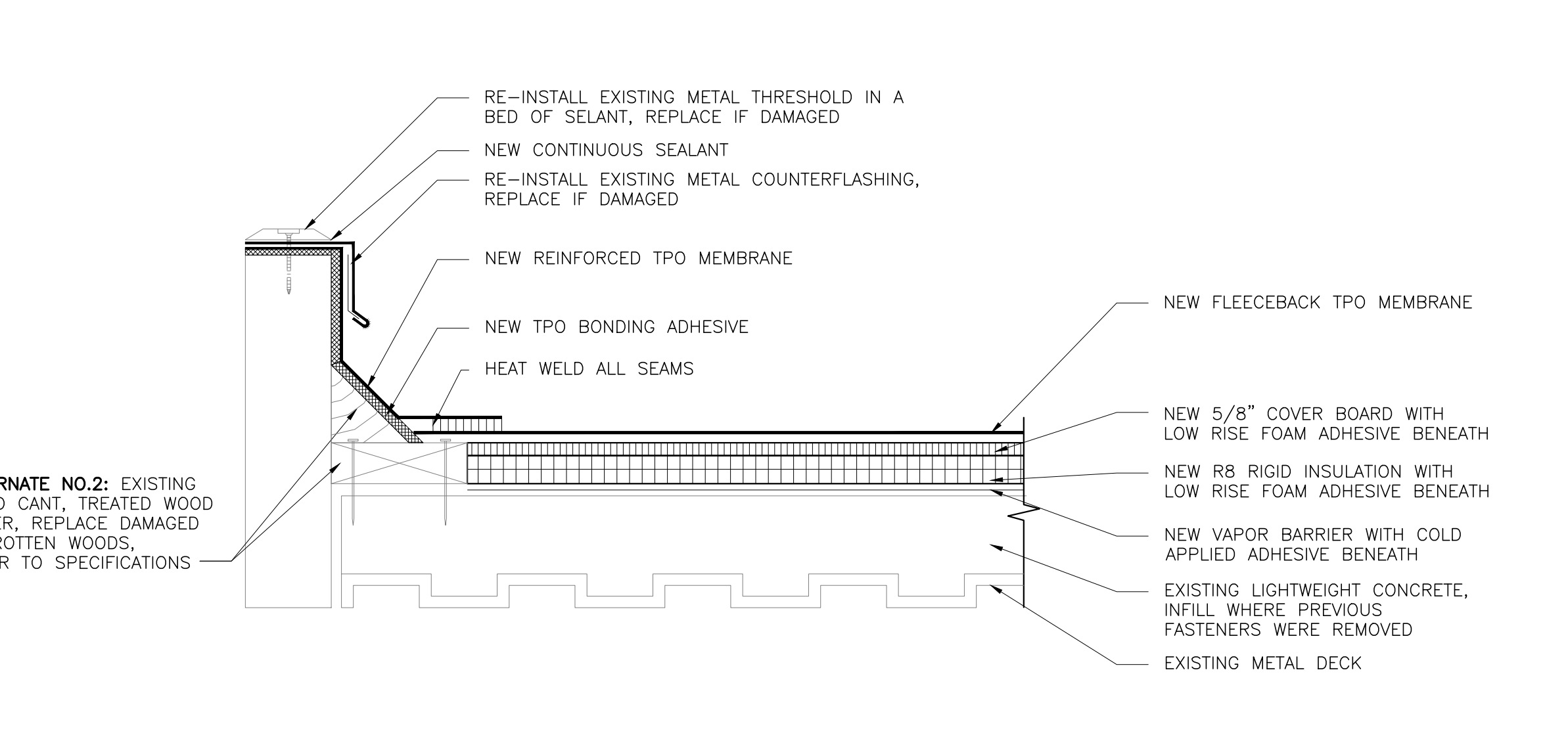
F1 PIPE SUPPORT CURB

SCALE: N.T.S.



F4 FLASHING AT EXISTING ROOF TRANSITION

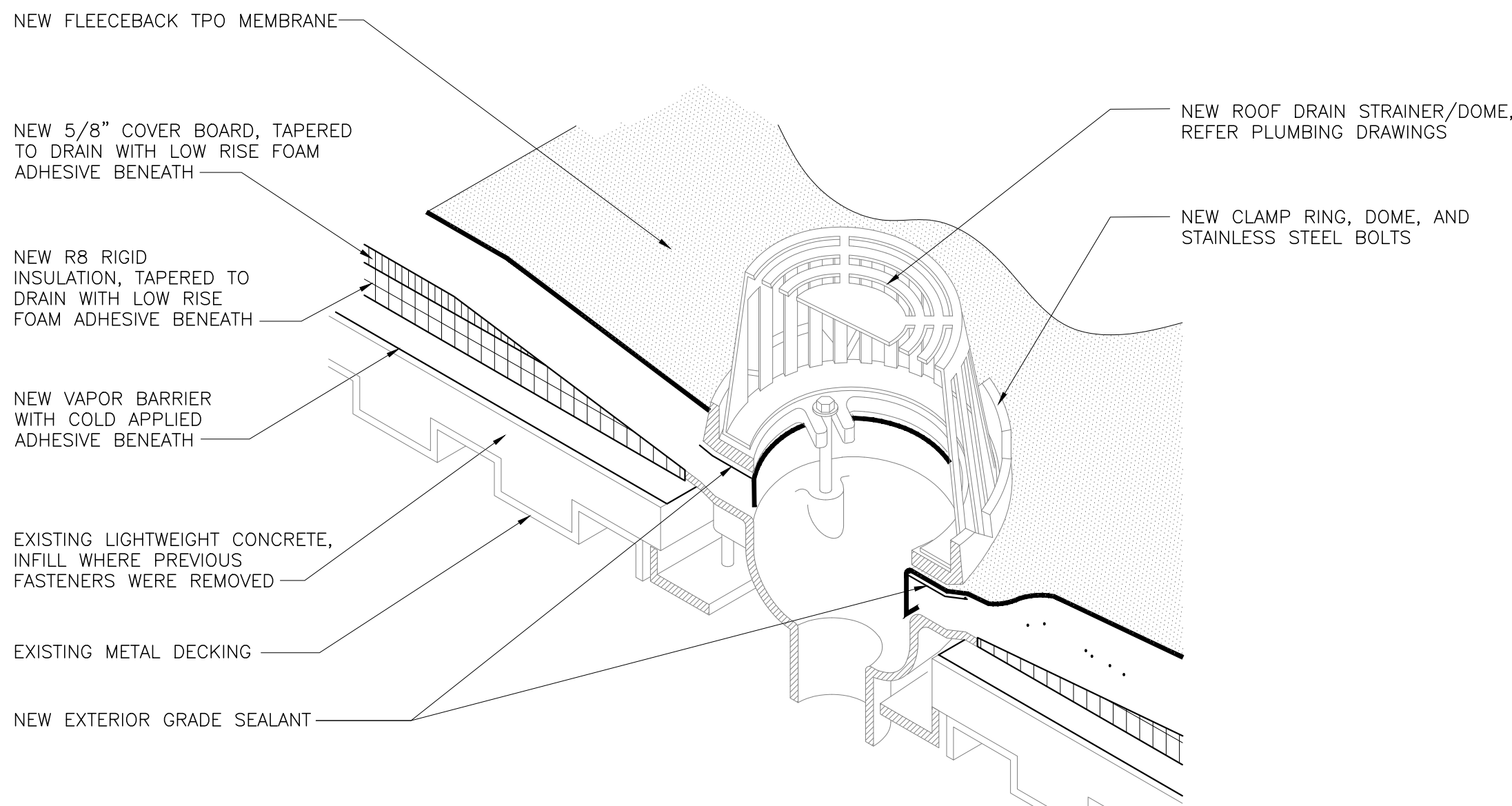
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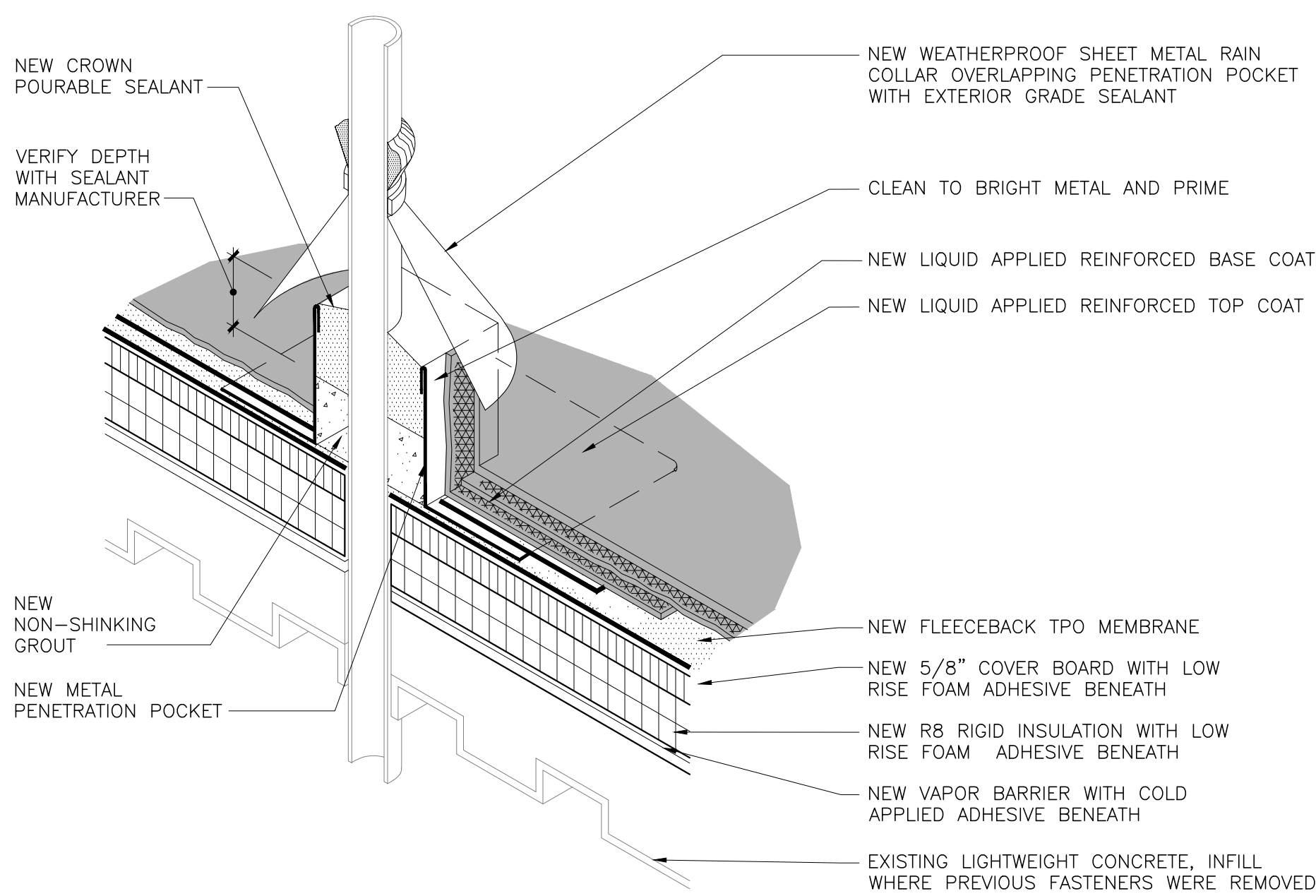
F7 DOOR THRESHOLD FLASHING DETAIL

SCALE: N.T.S.

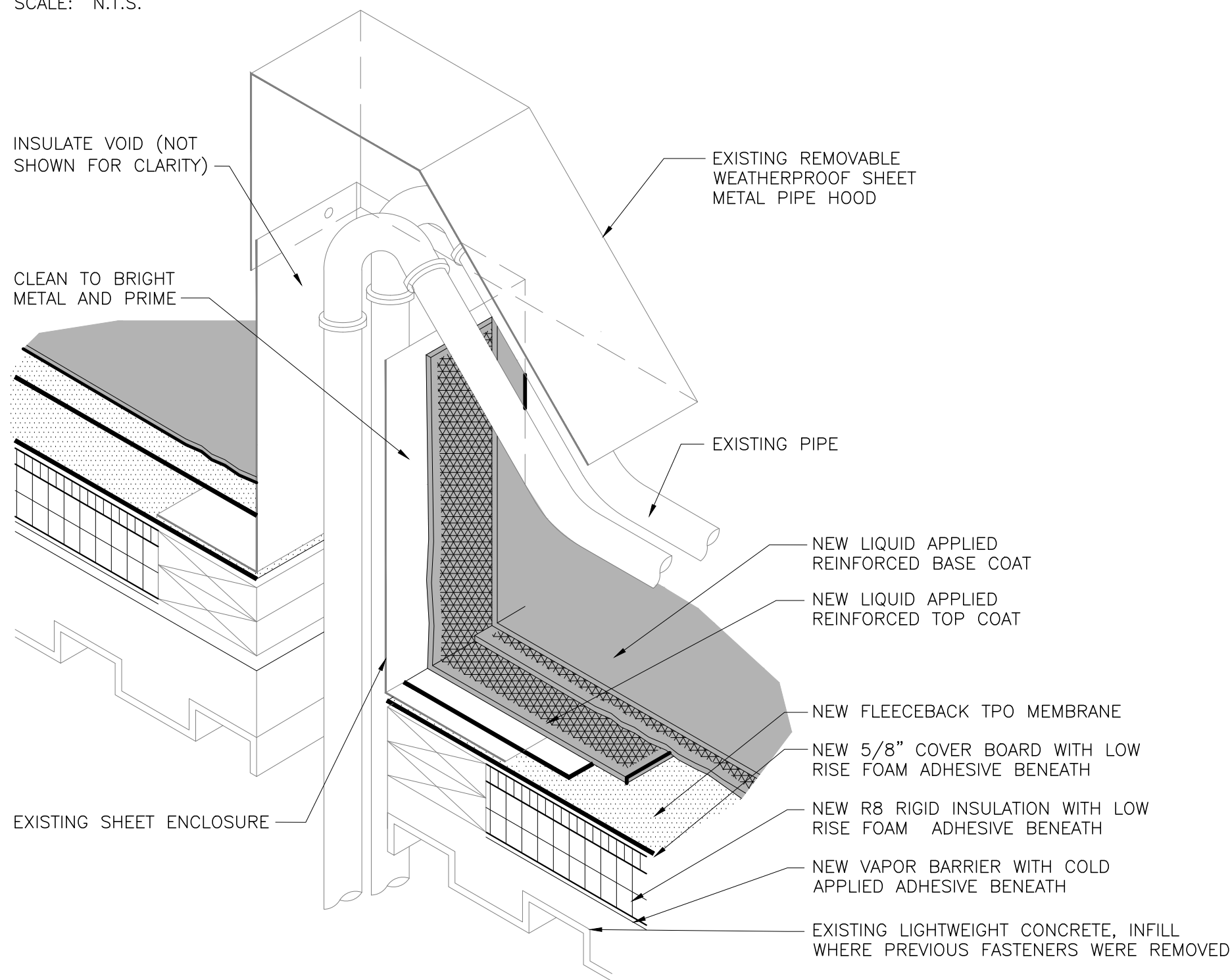
				CONSULTANTS:		Concur M & O		Approved: Service Chief		100% CD FINAL		ARCHITECT:		Drawing Title		Project Title		Project Number		Office of Facilities Management			
						Concur Bio-Med		Approved: Service Chief						ROOF DETAILS		Replace 2nd Floor Roof		671 -21-143					
						Concur Safety		Approved: Service Chief										Building Number					
						Approved: Service Chief		Approved: Service Chief										Drawing Number					
						Approved: Service Chief		Approved: Chief of Staff		A2.0													
												Dwg. 12 of 18											
										Date SEPT. 03, 2024								Checked JQ		Drawn PO			
												Elk Consortium + WestEast Design Group JV, LLC		Approved: Project Director								Location Audie L. Murphy Memorial Veterans Hospital 7400 Merton Minter Blvd., San Antonio, Texas	
																2024 © Elk Consortium + WestEast Design Group JV, LLC San Antonio, Texas 78216 210.593.0150 www.westeastdesign.com Texas Registered Architectural Firm							
										Revisions:								Date					



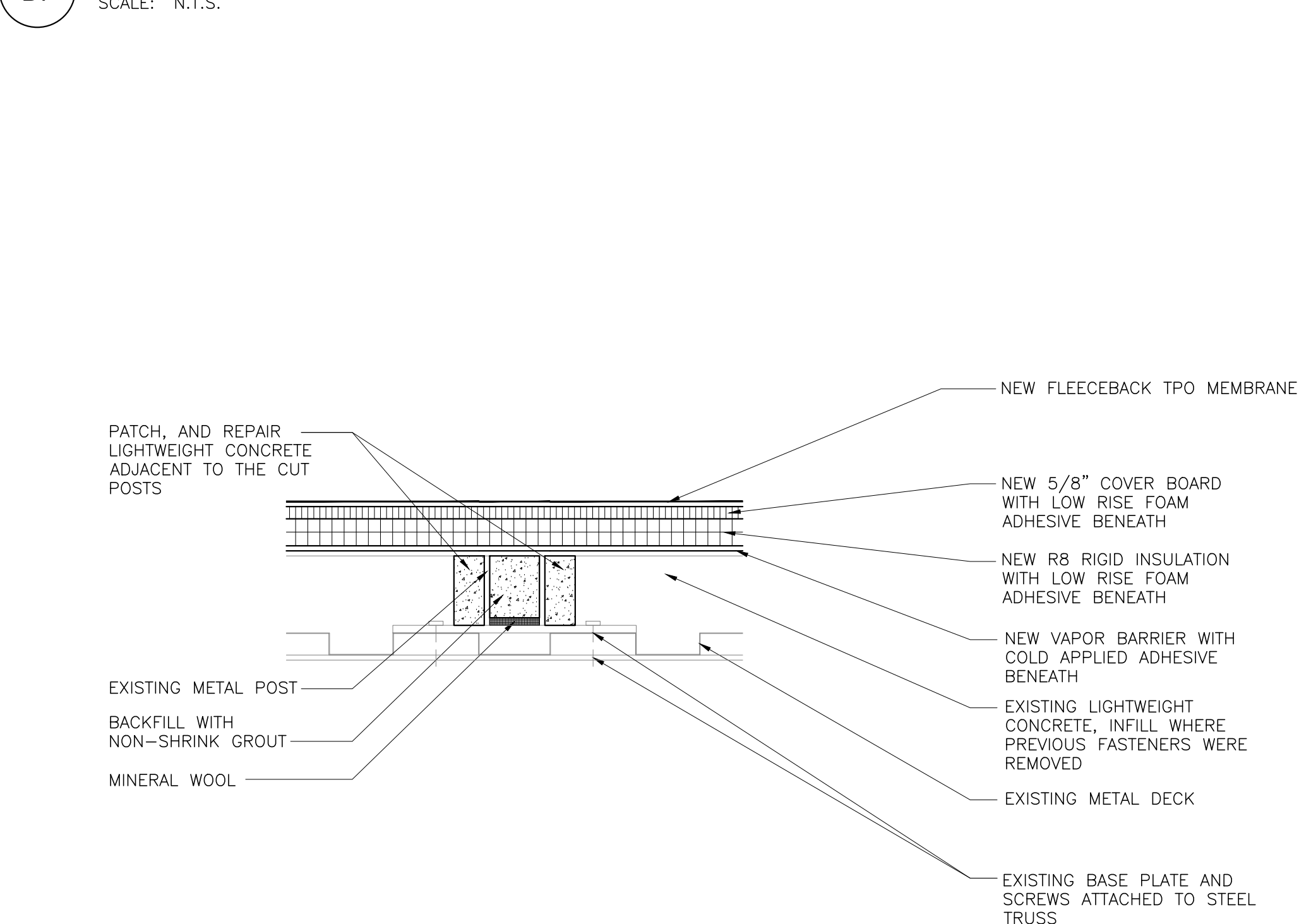
B1 FLASHING AND COMPONENTS AT NEW ROOF DRAIN
SCALE: N.T.S.



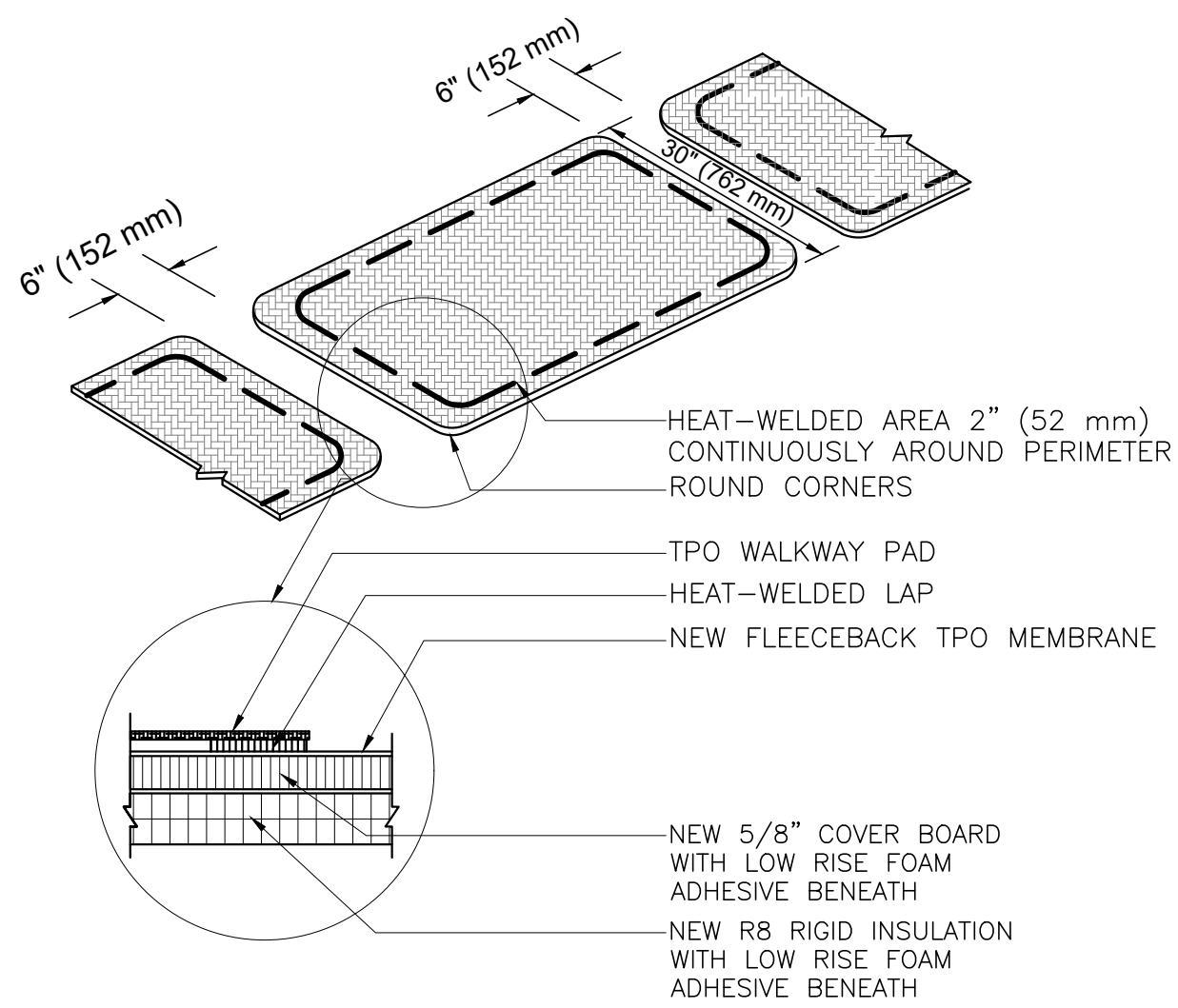
B4 PLUMBING VENT OR PIPE PENETRATION ROOF DETAIL - TYPICAL
SCALE: N.T.S.



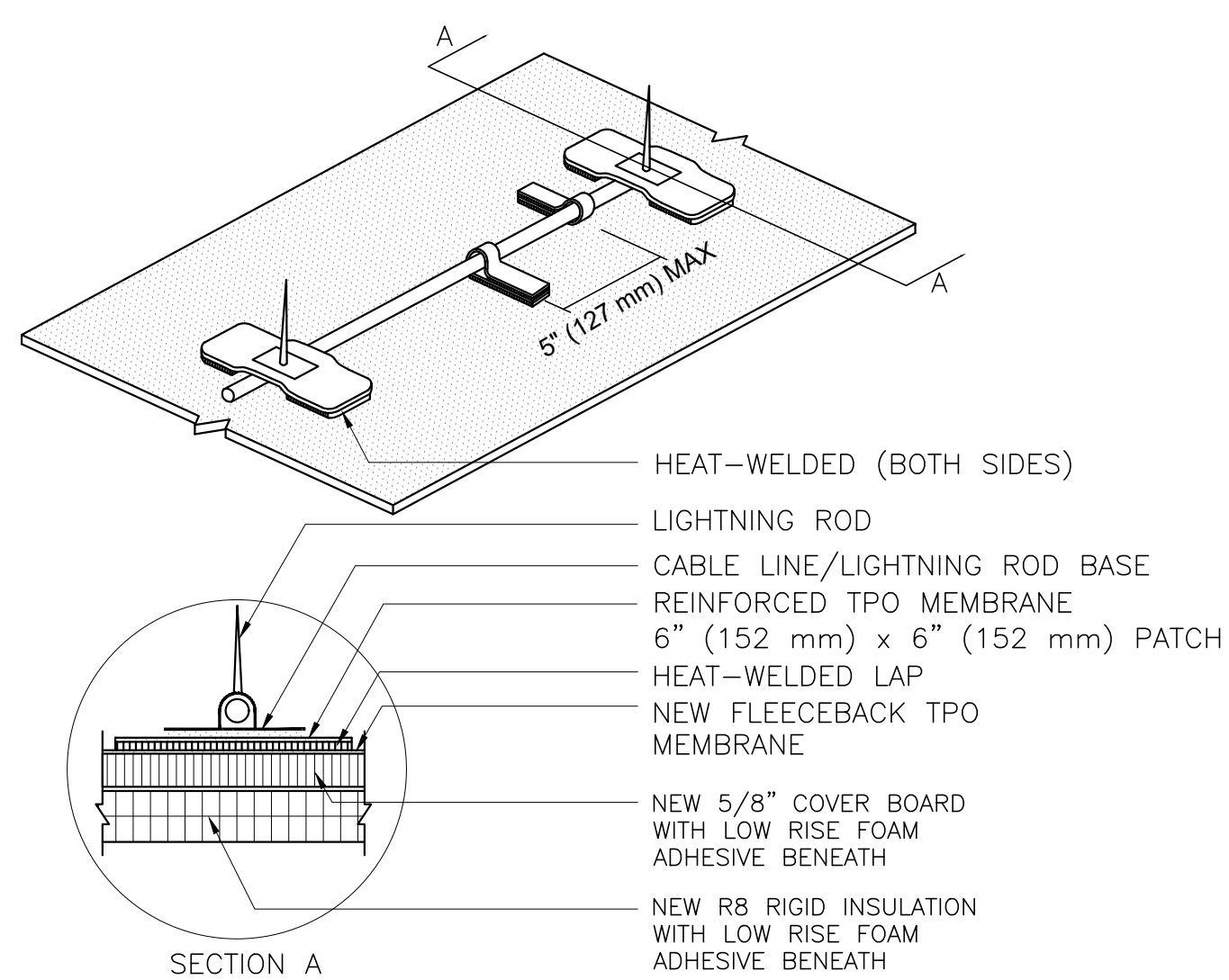
B7 TPO SQUARE TUBE WRAP DETAIL
SCALE: N.T.S.



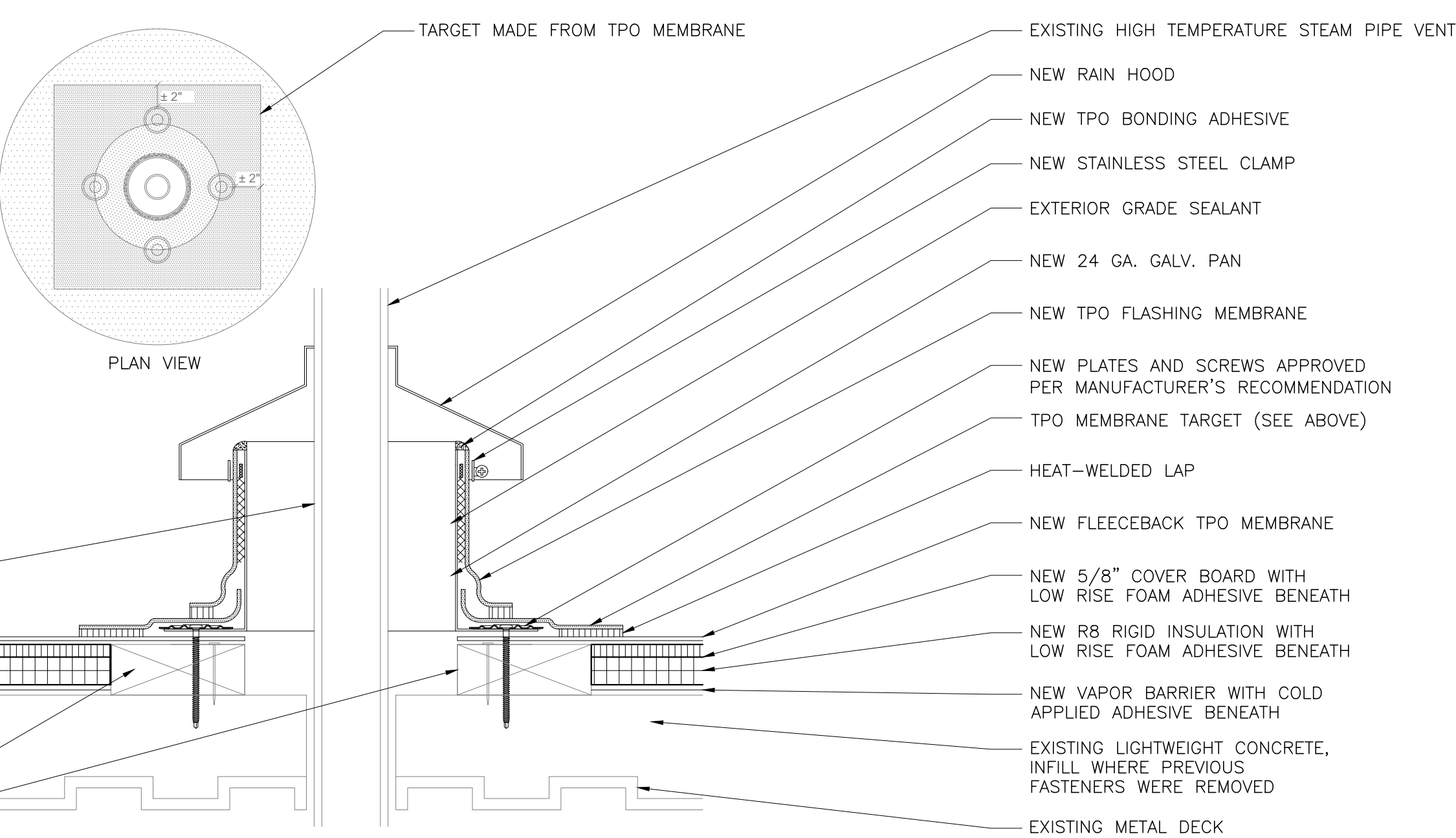
D1 MEMBRANE - COATED METAL PENETRATION POCKET DETAIL
SCALE: N.T.S.



D4 JUNCTION BOX FOR SATELLITE WIRING HOOK-UPS
SCALE: N.T.S.



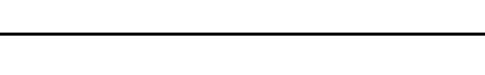
D7 INVERTER PAD COLUMN FLASHING
SCALE: N.T.S.

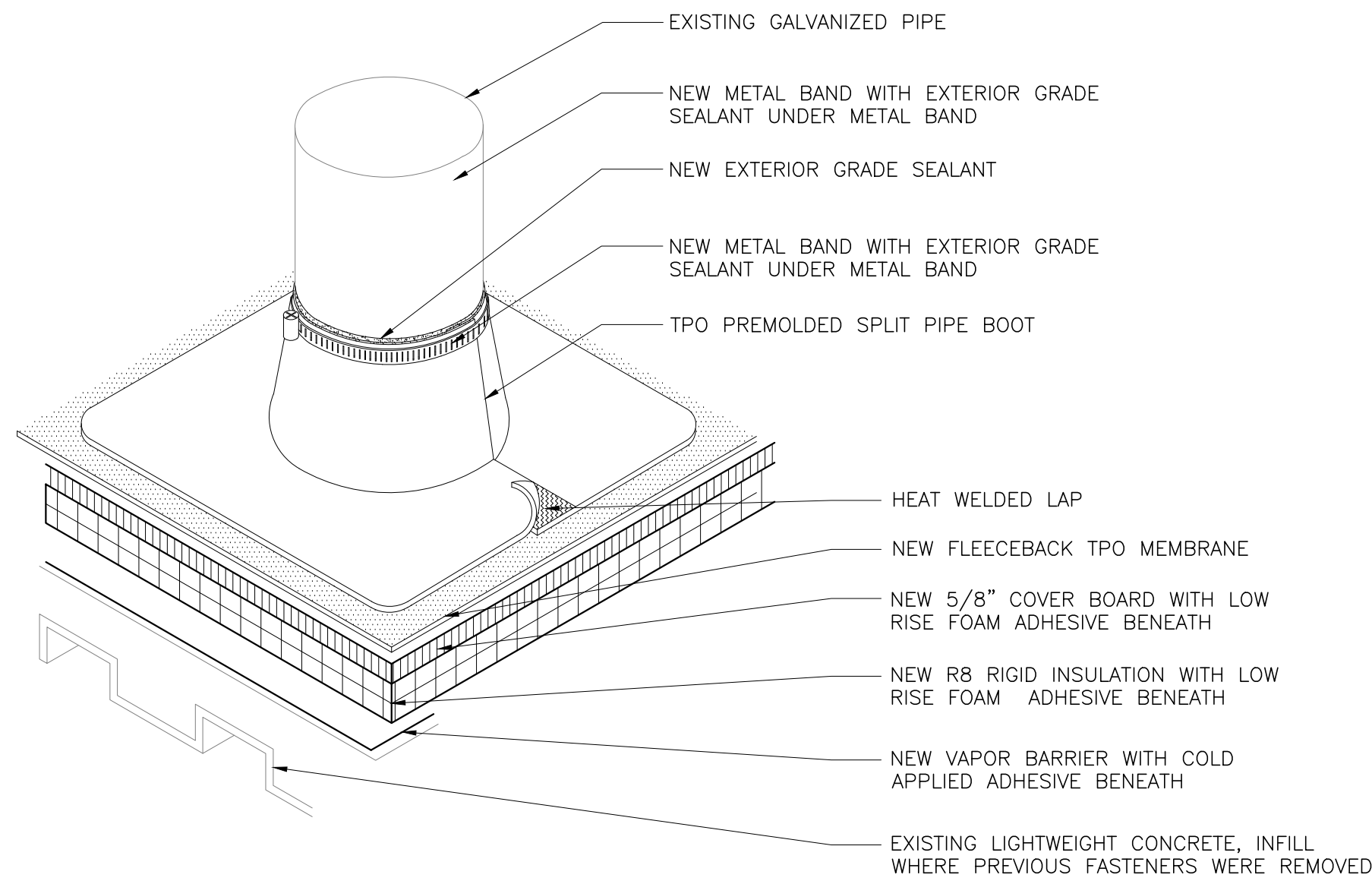


F1 TPO HEAT WELDED WALKWAY INSTALLATION
SCALE: N.T.S.

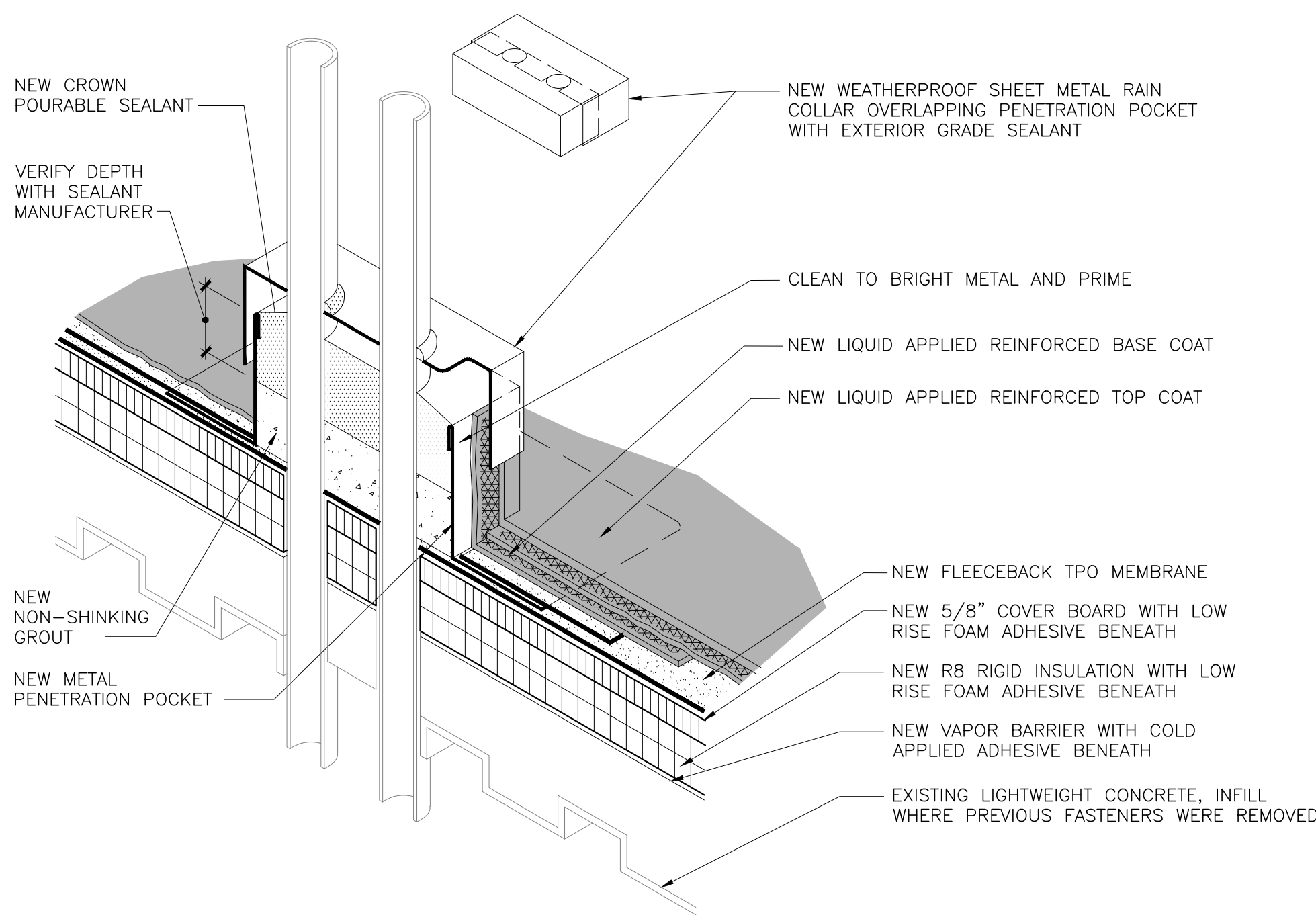
F4 TPO ADHERED LOOPED LIGHTNING SUPPRESSION MOUNTING
SCALE: N.T.S.

F7 HIGH TEMPERATURE FLASHING AT STEAM PIPE VENT
SCALE: N.T.S.

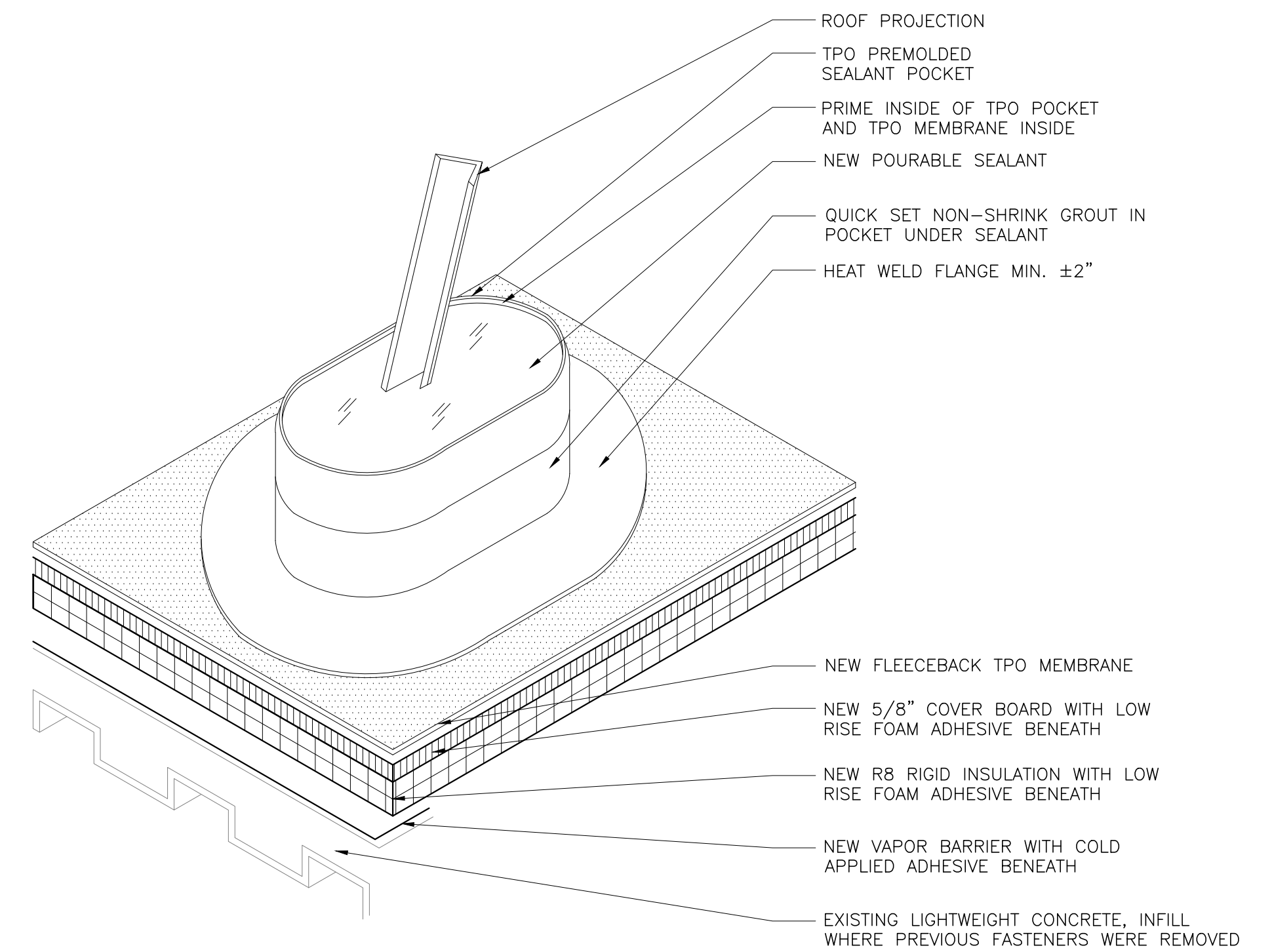
		CONSULTANTS:		Concur M & O	Approved: Service Chief	100% CD FINAL	ARCHITECT:	Drawing Title		Project Title	Project Number	Office of Facilities Management
				Concur Bio-Med	Approved: Service Chief		 Elk Consortium + WestEast Design Group JV, LLC 201 E. Commerce Street Suite 207 San Antonio, Texas 78211 210.230.0755 www.westeastdesign.com Texas Registered Architectural Firm	ROOF DETAILS	Replace 2nd Floor Roof	671 -21-143	Office of Facilities Management	
		Concur Safety		Approved: Service Chief	Building Number							
		Approved: Service Chief		Approved: Service Chief	Drawing Number							
		Approved: Service Chief		Approved: Chief of Staff						A2.1 Dwg. 13 of 18		
Revisions:	Date										SEPT. 03, 2024	JQ



B1 TPO SPLIT PIPE BOOT DETAIL
SCALE: N.T.S.

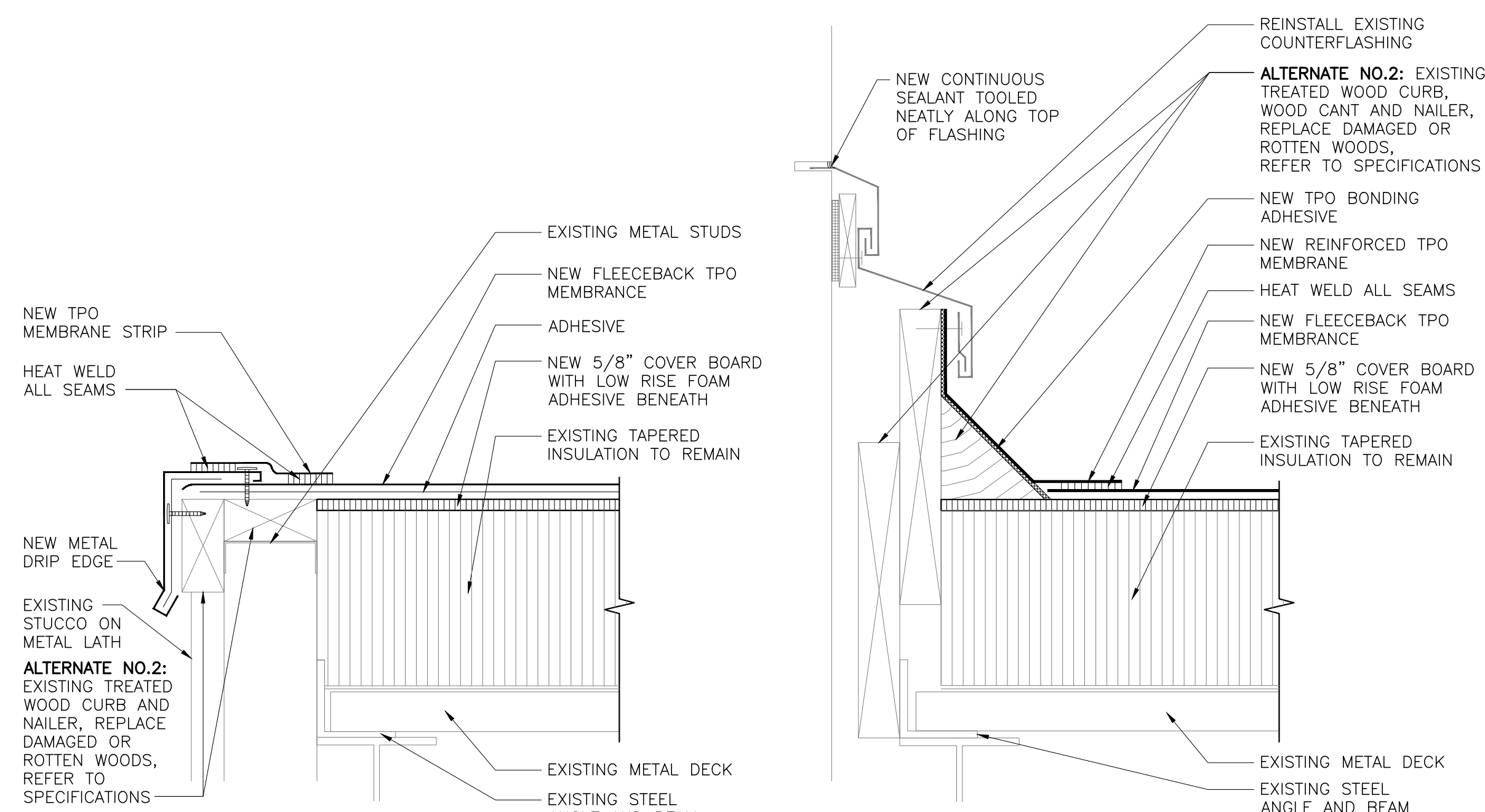


B4 TPO PREFORMED VENT BOOT DETAIL - TYPICAL
SCALE: N.T.S.



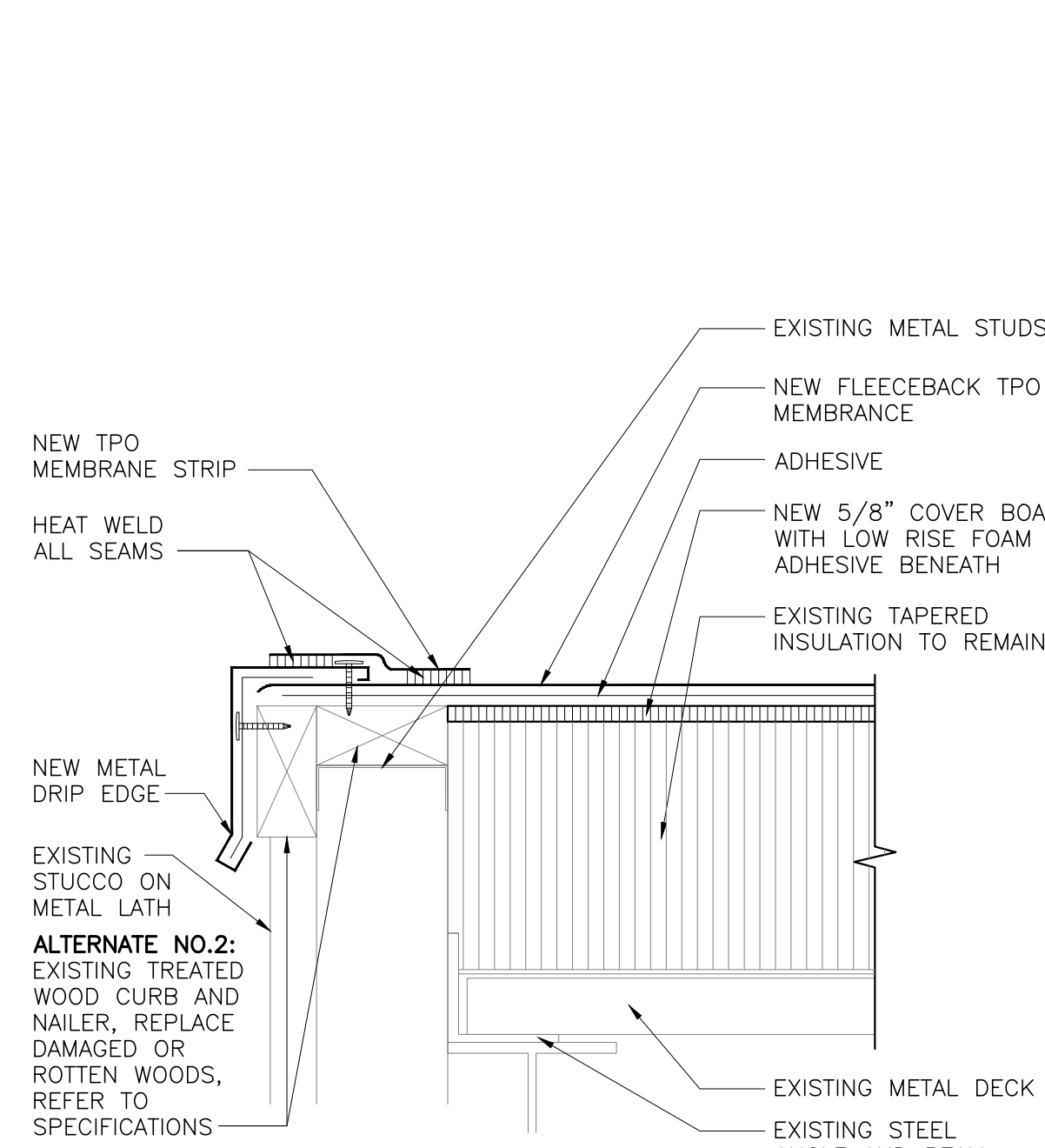
B7 TPO POURABLE SEALER POCKET DETAIL- TYPICAL
SCALE: N.T.S.

D1 MEMBRANE - COATED METAL MULTIPLE PENETRATION POCKET DETAIL
SCALE: N.T.S.

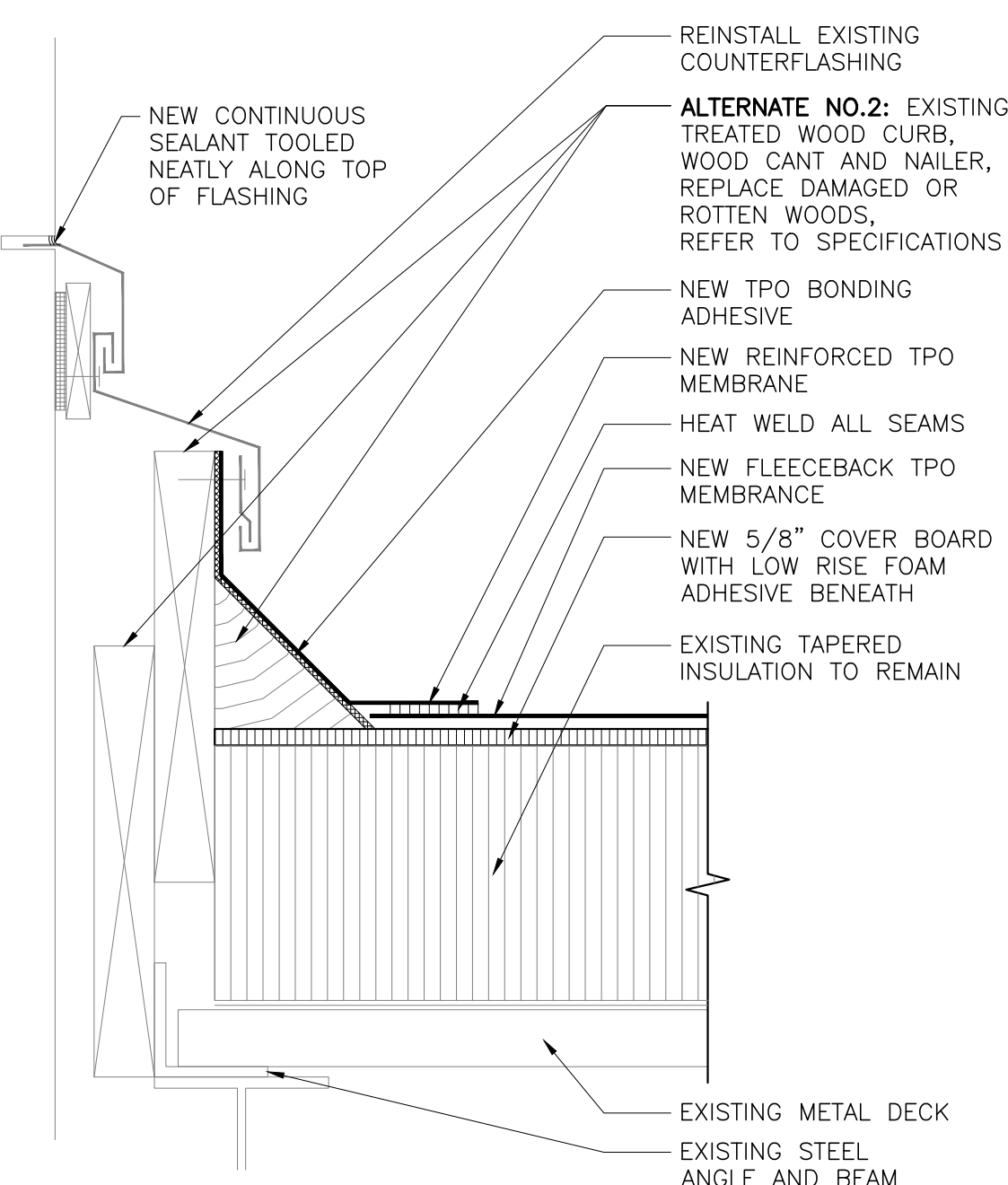


D4 TPO PREFORMED VENT BOOT FLASHING DETAIL
SCALE: N.T.S.

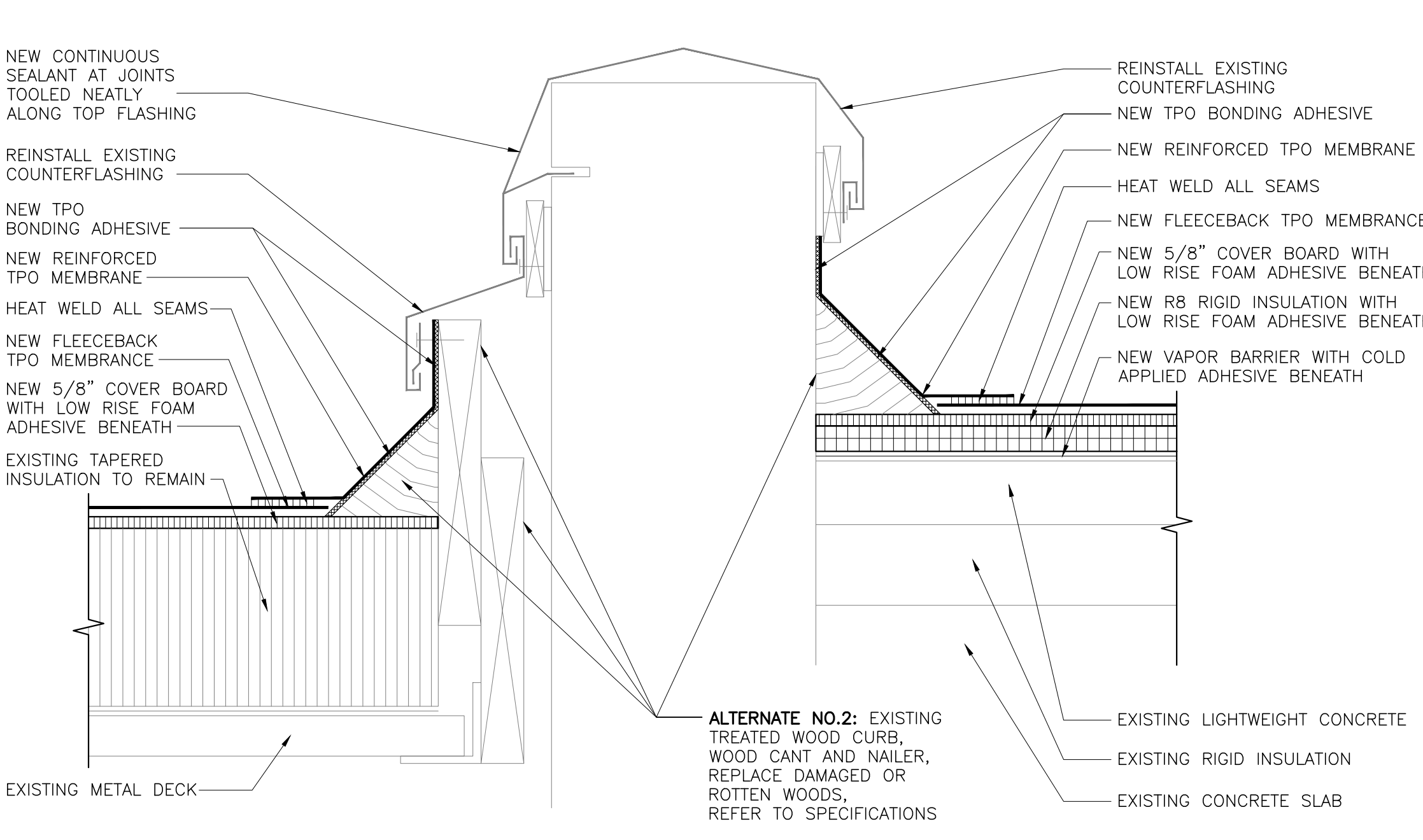
F1 ROOF EDGE DETAIL
SCALE: N.T.S.



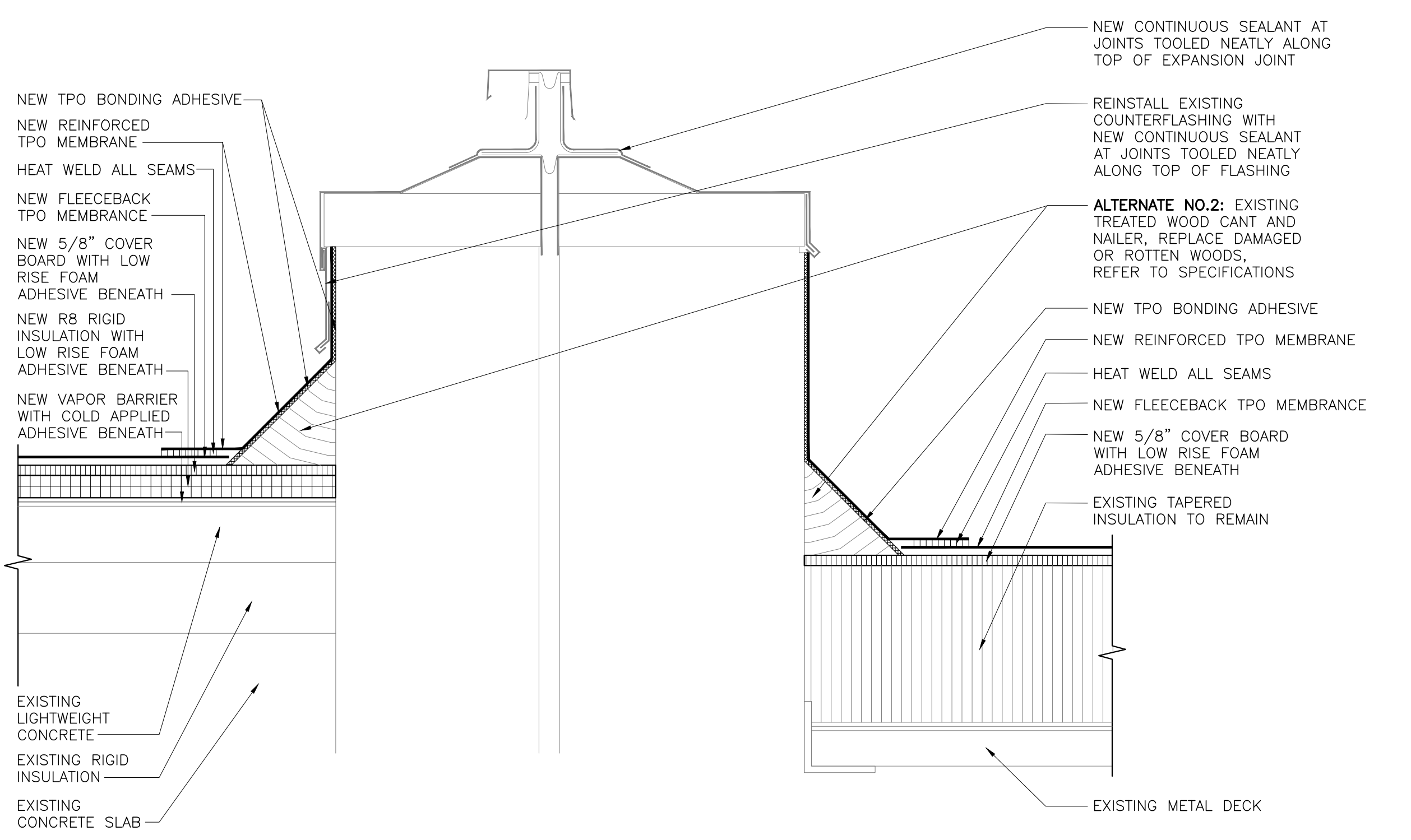
F3 ROOF-TO-WALL DETAIL
SCALE: N.T.S.



F4 FLASHING AND EXPANSION JOINT DETAIL
SCALE: N.T.S.



F7 FLASHING AND EXPANSION JOINT DETAIL
SCALE: N.T.S.



CONSULTANTS:		Concur M & O	Approved: Service Chief	100% CD FINAL	ARCHITECT:	Drawing Title	Project Title	Project Number	Office of Facilities Management	
		Concur Bio-Med	Approved: Service Chief		 Elk Consortium + WestEast Design Group JV, LLC 2015 E. Gillespie Street, Suite 207 San Antonio, Texas 78216 210.597.0758 www.westeastdesign.com Texas Registered Architectural Firm	ROOF DETAILS	Replace 2nd Floor Roof	671-21-143		
		Concur Safety	Approved: Service Chief			Approved: Project Director	Location	Building Number	A2.2	Dwg. 14 of 18
		Approved: Service Chief	Approved: Service Chief				7400 Merton Minter Blvd., San Antonio, Texas			
Revisions:		Approved: Service Chief	Approved: Chief of Staff				Date	Checked	Drawn	
							SEPT. 03, 2024	JQ	PQ	

one eighth inch = one foot
0 1 2 3 4 5 6 7 8 9 10
one quarter inch = one foot
0 1 2 3 4 5 6 7 8 9 10
three eighths inch = one foot
0 1 2 3 4 5 6 7 8 9 10
one half inch = one foot
0 1 2 3 4 5 6 7 8 9 10
three quarters inch = one foot
0 1 2 3 4 5 6 7 8 9 10
one inch = one foot
0 1 2 3 4 5 6 7 8 9 10
one and one half inches = one foot
0 1 2 3 4 5 6 7 8 9 10
three inches = one foot
0 1 2 3 4 5 6 7 8 9 10
This document has been prepared from materials that are stored and/or transmitted electronically and may have been inaccurately drawn. Read only an final hardcopy materials bearing the consultant's official signature and seal.

MECHANICAL GENERAL DEMOLITION NOTES:

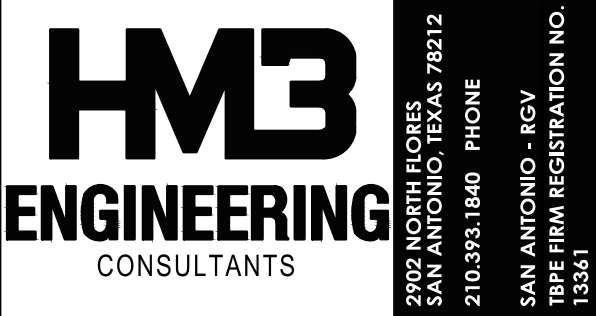
- A. CONTRACTOR SHALL CONFORM TO HOSPITAL'S INFECTION CONTROL PROCEDURES WHILE PERFORMING THIS WORK. CARE SHOULD BE TAKEN TO CONTAIN ALL CONSTRUCTION DUST WITHIN THE REMODELED AREA SO THAT IT DOES NOT TRAVEL TO OTHER AREAS AND INTO THE BUILDING HVAC SYSTEM. PROVIDE NEGATIVE AIR MACHINE AS REQUIRED TO ACCOMPLISH THIS. ALL WORK SHALL BE AS PER THE GUIDELINES ESTABLISHED BY THE ENVIRONMENTAL SAFETY AND HEALTH DEPARTMENT.
- B. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.
- C. EQUIPMENT LOCATIONS ARE SHOWN APPROXIMATELY. VERIFY ALL DIMENSIONS AND LOCATIONS AT JOB SITE.
- D. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS.
- E. WHEN AN EQUIPMENT IS IDENTIFIED TO BE REMOVED, THE OWNER HAS FIRST RIGHT OF REFUSAL BEFORE DISPOSING OF THAT EQUIPMENT. PROVIDE A MINIMUM OF ONE WEEKS NOTICE PRIOR TO DEMOLITION.
- F. PROVIDE ALL NECESSARY CLEAR PATH TO MOVE DEMOLISHED EQUIPMENT OUT OF THE FACILITY AS WELL TO BRING NEW EQUIPMENT INTO THE BUILDING. MODIFY EXISTING PIPING, DUCTWORK CONDUITS, AS REQUIRED TO COMPLETE THE DEMOLITION.
- G. THE "EXISTING" MECHANICAL SYSTEMS INDICATED ON THIS SHEET ARE BASED ON THE INFORMATION AVAILABLE AND MAY BE INCOMPLETE AND INACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ACTUAL CONDITIONS AND MAKE SUITABLE ADJUSTMENTS AS NECESSARY TO ACCOMMODATE NEW WORK, AT NO EXTRA COST TO THE OWNER. CONDITIONS DIFFERENT TO THOSE INDICATED SHALL BE INCORPORATED INTO THE CONSTRUCTION DOCUMENTS. NOTE THAT ANY UNCOVERED SYSTEMS MUST BE CAREFULLY IDENTIFIED PRIOR TO MODIFICATIONS.
- H. CONTRACTOR SHALL COORDINATE WORK WITH ALL TRADES AND INCLUDE ANY MODIFICATIONS NEEDED TO ACCOMMODATE THEIR WORK.

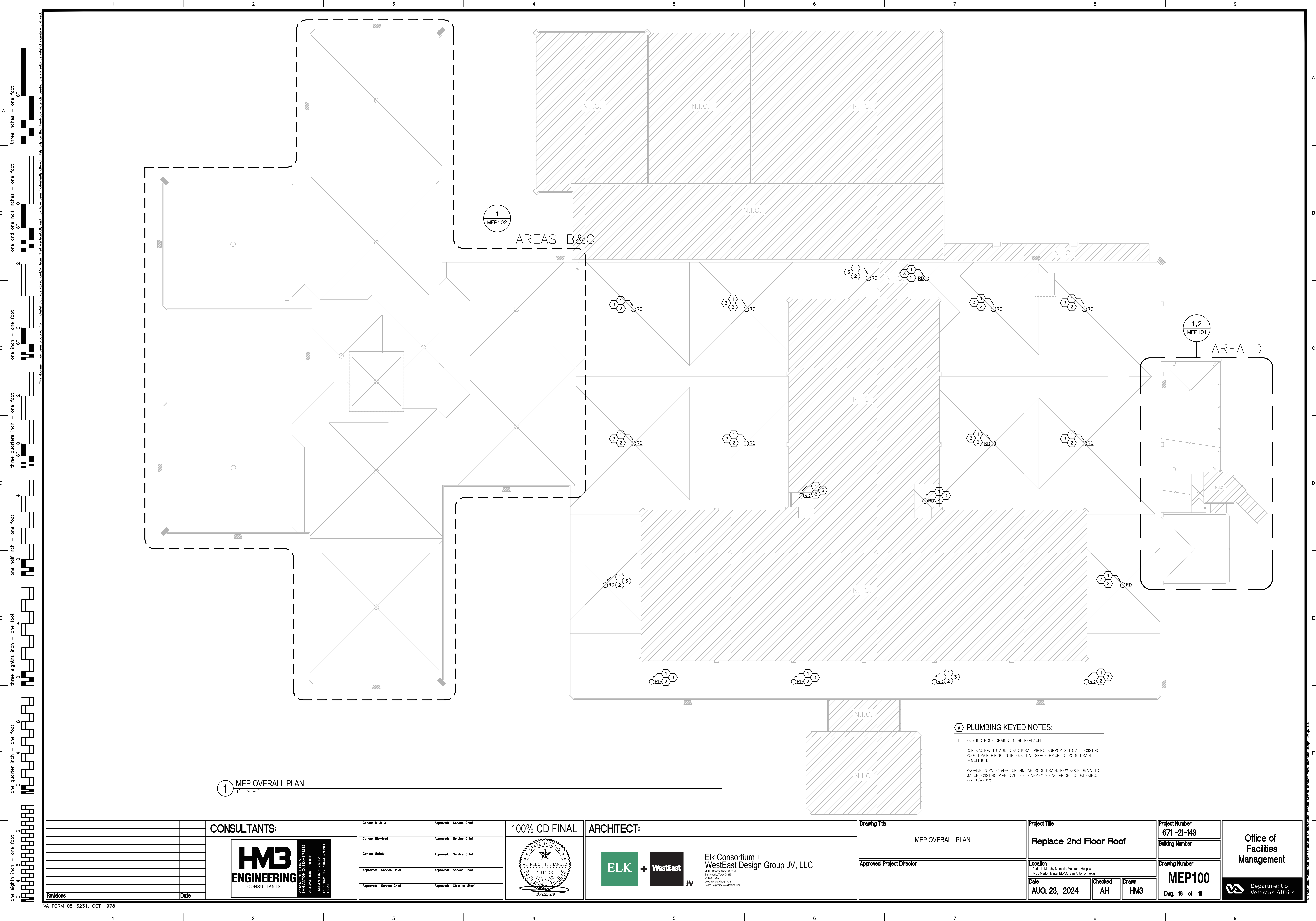
ELECTRICAL GENERAL NOTES:

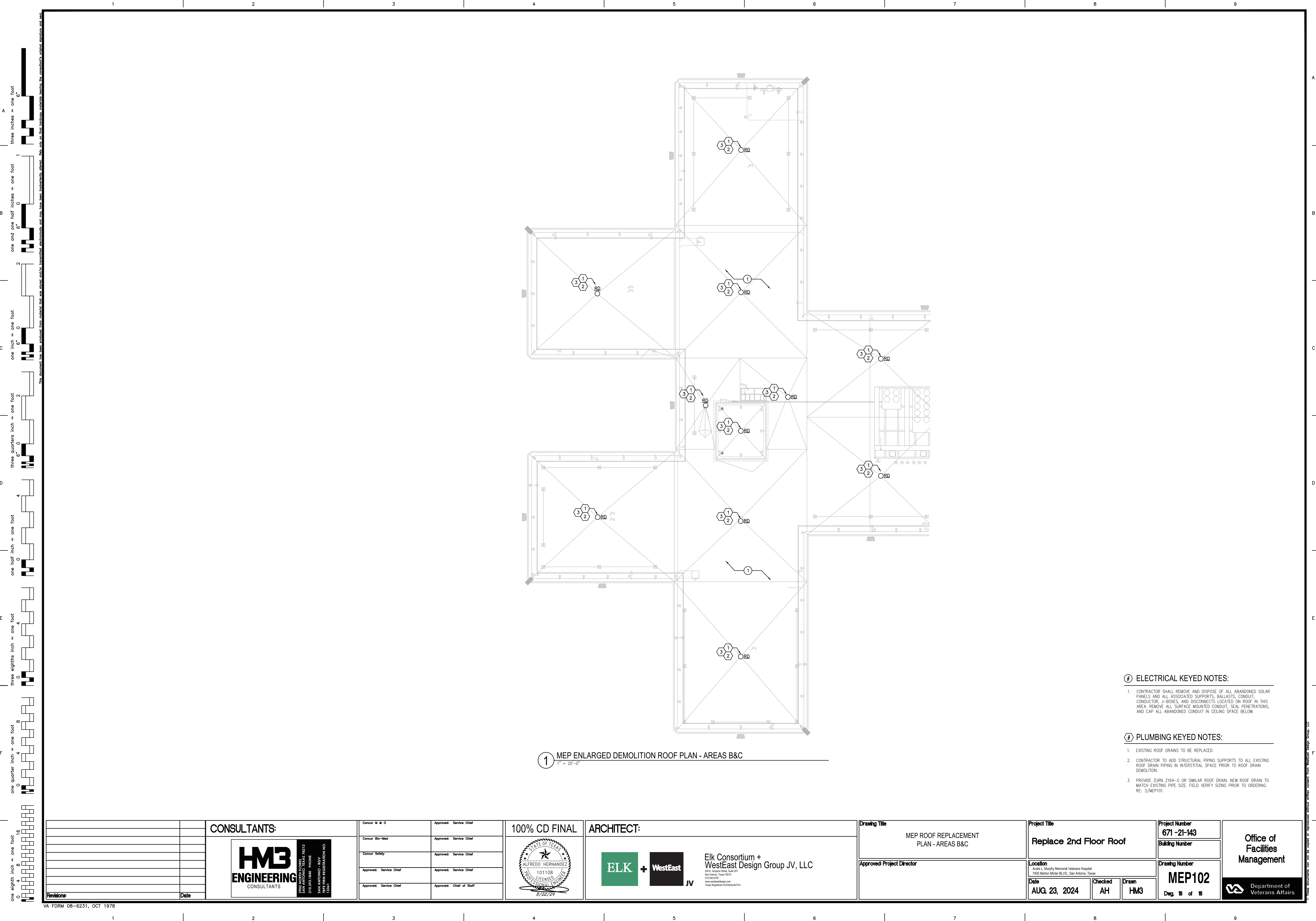
- A. PROJECT SCOPE SHALL INCLUDE TEMPORARY SUPPORT AND RAISING OF EXISTING CONDUITS ON ALL ROOFS SHOWN HEREIN AS REQUIRED TO ACCOMMODATE ROOF REPLACEMENT AND RAISING OF EXISTING ROOF INSULATION. CONTRACTOR SHALL MAINTAIN AND EXTEND EXISTING CONDUCTORS AND CONDUIT AS REQUIRED.
- B. GENERAL: EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN OWNER'S PROPERTY, REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE REMOVE FROM OWNER OCCUPIED AREAS DAILY. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
- C. TRACE CIRCUITS FEEDING EXISTING TO-REMAIN PORTIONS OF THE BUILDING. DO NOT DEMOLISH CIRCUITS IN THESE AREAS. IF CIRCUITS ARE IN BOTH "TO REMAIN" AND "TO BE REMOVED" AREAS, DEMOLISH BACK TO NEAREST J-BOX.
- D. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. COMPLETE SELECTIVE DEMOLITION OPERATIONS ABOVE EACH FLOOR OR TIER BEFORE DISTURBING SUPPORTING MEMBERS ON THE NEXT LOWER LEVEL.
- E. REMOVED AND SALVAGED ITEMS: CLEAN SALVAGED ITEMS, PACK OR CRATE ITEMS AFTER CLEANING. IDENTIFY CONTENTS OF CONTAINERS. STORE ITEMS IN A SECURE AREA UNTIL DELIVERY TO OWNER. TRANSPORT ITEMS TO OWNER'S STORAGE AREA DESIGNATED BY OWNER. PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE.
- F. REMOVED AND REINSTALLED ITEMS: CLEAN AND REPAIR ITEMS TO FUNCTIONAL CONDITION ADEQUATE FOR INTENDED REUSE. PAINT EQUIPMENT TO MATCH NEW EQUIPMENT. PACK OR CRATE ITEMS AFTER CLEANING AND REPAIRING. IDENTIFY CONTENTS OF CONTAINERS. PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE. REINSTALL ITEMS IN LOCATIONS INDICATED. COMPLY WITH INSTALLATION REQUIREMENTS FOR NEW MATERIALS AND EQUIPMENT. PROVIDE CONNECTIONS, SUPPORTS, AND MISCELLANEOUS MATERIALS NECESSARY TO MAKE ITEM FUNCTIONAL FOR USE INDICATED.
- G. EXISTING ITEMS TO REMAIN: PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING SELECTIVE DEMOLITION. WHEN PERMITTED BY ARCHITECT, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION AND REINSTALLED IN THEIR ORIGINAL LOCATIONS AFTER SELECTIVE DEMOLITION OPERATIONS ARE COMPLETE.
- H. COORDINATE ALL DEMO ACTIVITIES WITH OWNER AND ARCHITECT AND PROVIDE 10 DAYS NOTICE FOR ANY POWER OUTAGES.
- I. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOB-SITE CONDITIONS DURING THE BIDDING PERIOD TO OBTAIN THE SCOPE OF ELECTRICAL WORK INVOLVED AS A RESULT OF ARCHITECTURAL MODIFICATIONS TO THE EXISTING STRUCTURE. THE SCOPE OF THE WORK SHALL INCLUDE MATERIALS AND OUTLETS, CONSISTING OF FIXTURES, DEVICES, EQUIPMENT OR APPARATUS, WHICH MUST BE REROUTED, RELOCATED OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED, SO THAT THE INDICATED REMODELING MAY BE ACCOMPLISHED. NOT ALL EXISTING OUTLETS ARE NECESSARILY INDICATED ON THE DRAWINGS.
- J. CONTRACTOR SHALL MAKE SAFE ALL AREAS OF THE EXISTING STRUCTURE WHICH ARE TO BE DEMOLISHED BY DISCONNECTING FEEDERS AND SERVICES TO DEMO'D AREAS.
- K. PROVIDE EMT UNDER ROOF. SECURE TO STRUCTURE WITH BEAM CLAMPS (SINGLE) OR UNISTRUT (MULTIPLE).
- L. PROVIDE IMC ON ROOF FROM ROOF HOODS TO DISCONNECTS.
- M. PROVIDE RIGID STEEL CONDUIT ON ROOF FROM ROOF HOODS TO DISCONNECTS.
- N. PENETRATE ROOFS AS PER ROOFING GUIDELINES AND GANG CONDUIT TOGETHER. SUPPORT ROOFTOP CONDUIT WITH NEOPRENE BLOCKS WITH INTEGRAL UNISTRUT. SECURE CONDUIT TO BLOCKS ON ROOF.
- O. PROVIDE SEALTITE WITH WP FITTINGS TO MECHANICAL EQUIPMENT, MAX DISTANCE 48". DO NOT USE CONDUITS.
- P. PROVIDE INDIVIDUAL DISCONNECTS FOR ALL SMOKE FIRE DAMPERS AND VAV'S. NO EXCEPTIONS.
- Q. FIRESTOP ALL CONDUIT PENETRATIONS IN RATED WALLS. SEE ARCHITECTURAL FOR WALL RATINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SHEET ROCK AND REPAIR.
- R. PROVIDE NEMA 3R DISCONNECTS FOR ALL EXTERIOR LOCATIONS AND NEMA 1 DISCONNECTS FOR ALL INTERIOR, DRY LOCATIONS.
- S. POWER AND DATA REQUIREMENTS FOR HVAC CONTROLLERS ARE SHOWN ON POWER SHEETS.
- T. ALL EQUIPMENT CONNECTION POINTS ARE DIAGRAMMATIC IN NATURE. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH EQUIPMENT INSTALLER FOR EXACT POINT OF CONNECTION. EXTEND FEEDERS IN CONDUIT AS REQUIRED.

PLUMBING GENERAL NOTES:

- A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.
- B. FIXTURE LOCATIONS ARE SHOWN APPROXIMATELY. VERIFY ALL DIMENSIONS AND LOCATIONS AT JOB SITE.
- C. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS.
- D. WHEN AN FIXTURE IS IDENTIFIED TO BE REMOVED, THE OWNER HAS FIRST RIGHT OF REFUSAL BEFORE DISPOSING OF THAT FIXTURE. PROVIDE A MINIMUM OF ONE WEEKS NOTICE PRIOR TO DEMOLITION.
- E. THE "EXISTING" PLUMBING SYSTEMS INDICATED ON THIS SHEET ARE BASED ON THE INFORMATION AVAILABLE AND MAY BE INCOMPLETE AND INACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ACTUAL CONDITIONS AND MAKE SUITABLE ADJUSTMENTS AS NECESSARY TO ACCOMMODATE NEW WORK, AT NO EXTRA COST TO THE OWNER. CONDITIONS DIFFERENT TO THOSE INDICATED SHALL BE INCORPORATED INTO THE CONSTRUCTION DOCUMENTS. NOTE THAT ANY UNCOVERED SYSTEMS MUST BE CAREFULLY IDENTIFIED PRIOR TO MODIFICATIONS.
- F. CONTRACTOR SHALL COORDINATE WORK WITH ALL TRADES AND INCLUDE ANY MODIFICATIONS NEEDED TO ACCOMMODATE THEIR WORK.
- G. CONTRACTOR TO COORDINATE THE SHUT-DOWN ON ANY EXISTING SYSTEM(S) WITH THE FACILITIES DIRECTOR OF MAINTENANCE.
- H. THE EXISTING WET-PIPE FIRE SPRINKLER SYSTEM WITHIN THIS PROJECT SHALL BE MODIFIED AS NECESSARY TO ACCOMMODATE ARCHITECTURAL CHANGES.
- I. ALL WORK SHALL CONFORM TO ALL STATE AND LOCAL CODES, RULES AND REGULATIONS, AND ORDINANCES.
- J. PLUMBING PLANS ARE DIAGRAMMATIC ONLY. THEY ARE INTENDED TO INDICATE CAPACITY, SIZE, LOCATION, DIRECTION AND GENERAL ARRANGEMENT. WHERE NOT SPECIFICALLY SHOWN ON PLANS, CONTRACTOR SHALL APPLY PROFESSIONAL STANDARDS SUCH AS THAT OF THE AMERICAN SOCIETY OF PLUMBING ENGINEERS.
- K. WORK SHALL INCLUDE ALL LABOR, MATERIALS, PERMITS AND OTHER COSTS AS ARE NECESSARY FOR THE INSTALLATION OF A COMPLETE AND SATISFACTORY OPERATIONAL PLUMBING AND SANITARY SYSTEM. EQUIPMENT SHALL BE INSTALLED IN SUCH A MANNER AS TO MAINTAIN ITS LISTING AND THE MANUFACTURER'S GUARANTEES AND WARRANTIES.
- L. THIS CONTRACTOR SHALL COORDINATE WITH THE OTHER TRADES TO INSURE THAT EACH TRADE SHALL HAVE SUFFICIENT SPACE TO INSTALL THEIR EQUIPMENT (DUCTWORK, PIPING, ELECTRICAL, ETC.), ALONG WITH THE PLUMBING WORK.
- M. WHERE THE TERM "PROVIDE" IS USED, IT SHALL MEAN "FURNISH AND INSTALL". THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL THE OTHER TRADES PRIOR TO THE FABRICATION, PURCHASE AND/OR INSTALLATION OF THE WORK.
- N. UNLESS NOTED, ALL MATERIALS SHALL BE NEW, COMPLETE, INCLUDE MANUFACTURER'S WARRANTY, AND BE U.L. APPROVED IF APPLICABLE. ALL WORK SHALL PRESENT A NEAT MECHANICAL APPEARANCE WHEN COMPLETED.
- O. FIELD VERIFY ALL DIMENSIONS. CONTRACTOR SHALL VERIFY ELEVATION OF UTILITY CONNECTIONS ON SITE PRIOR TO COMMENCING WORK. FINAL CONNECTION TO SITE UTILITIES SHALL BE BY THE PLUMBING CONTRACTOR.
- P. PLUMBING SYSTEM INSTALLER SHALL PROVIDE ALL STRUCTURAL MEMBERS, SUPPORT BRACKETS, FLASHING, HARDWARE, ETC., REQUIRED TO INSTALL A COMPLETE SYSTEM.
- Q. DRAIN WASTE AND VENT PIPING SHALL BE PVC SCH. 40 WHEN INSTALLED BELOW GRADE OR UNDER CONCRETE SLABS. DRAIN WASTE AND VENT PIPING INSTALLED ABOVE GRADE SHALL BE PVC SCH. 40.
- R. ALL SANITARY PIPING CHANGES OF DIRECTION 45 DEGREES OR MORE SHALL BE ACCOMPLISHED BY USING 45 DEGREE 1/8 BEND ELBOWS UNLESS OTHERWISE NOTED.
- S. ALL MODEL NUMBERS INDICATED ARE PROVIDED TO ESTABLISH THE QUALITY LEVEL AND FEATURES REQUIRED. LISTED MANUFACTURERS AND OTHER PRIOR APPROVED EQUALS MAY BE SUBSTITUTED WHEN PROVIDED WITH EQUAL FEATURES, EITHER STANDARD OR AS ACCESSORIES. SUBSTITUTED AIR DEVICES AND PLUMBING FIXTURES MUST BE SIMILAR IN APPEARANCE TO THE ITEMS SPECIFICALLY INDICATED.
- T. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER. CLEAN THE SITE DAILY AND REMOVE FROM THE PREMISES ANY DIRT AND DEBRIS CAUSED BY THE WORK INCLUDED IN THIS CONTRACT.
- U. INSTALL CAST IRON PIPE IN ALL PLENUM RATED SPACES.

		CONSULTANTS:		Concur M & O		Approved: Service Chief		100% CD FINAL		ARCHITECT:		Drawing Title		Project Title		Project Number		Office of Facilities Management Department of Veterans Affairs	
				Concur Bio-Med		Approved: Service Chief						MEP GENERAL NOTES & DETAILS		Replace 2nd Floor Roof		671-21-143			
				Concur Safety		Approved: Service Chief						Building Number							
				Approved: Service Chief		Approved: Service Chief						Approved Project Director		Location		Drawing Number			
Revisions		Date		Approved: Service Chief		Approved: Chief of Staff				Elk Consortium + WestEast Design Group JV, LLC 205 E. Gillespie Street, Suite 201 San Antonio, Texas 78210 210.593.0100 www.westeastdesign.com Texas Registered Architectural Firm		AUG. 23, 2024		Checked AH		Drawn HMB		MEP001 Dwg. 15 of 18	





1 MEP ENLARGED DEMOLITION ROOF PLAN - AREAS B&C
1" = 20'-0"

ELECTRICAL KEYED NOTES:

- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED SOLAR PANELS AND ALL ASSOCIATED SUPPORTS, BALLASTS, CONDUIT, CONDUCTOR, J-BOXES, AND DISCONNECTS LOCATED ON ROOF IN THIS AREA. REMOVE ALL SURFACE MOUNTED CONDUIT, SEAL PENETRATIONS, AND CAP ALL ABANDONED CONDUIT IN CEILING SPACE BELOW.

PLUMBING KEYED NOTES:

- EXISTING ROOF DRAINS TO BE REPLACED.
- CONTRACTOR TO ADD STRUCTURAL PIPING SUPPORTS TO ALL EXISTING ROOF DRAIN PIPING IN INTERSTITIAL SPACE PRIOR TO ROOF DRAIN DEMOLITION.
- PROVIDE ZURN Z164-G OR SIMILAR ROOF DRAIN. NEW ROOF DRAIN TO MATCH EXISTING PIPE SIZE. FIELD VERIFY SIZING PRIOR TO ORDERING. RE: 3/MEPT01.

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