

ADDENDUM: Number 01

DATE: December 27, 2022

TO: Interested Bidders

CLIENT: Washington Elementary School District
Phoenix, Arizona

PROJECT: Moon Mountain Elementary School Roofing Improvements

SITE: Moon Mountain Elementary School
Phoenix, Arizona

ARCHITECT: Architechnology, Inc.
5229 North 7th Avenue, Suite 101
Phoenix, Arizona 85013



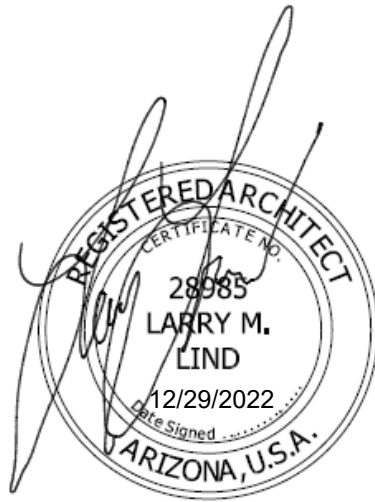
AT PROJECT NO: 21-170

1. INSTRUCTIONS

1. This supplement to Bid Documents is issued prior to the receipt of bids. All Work covered in the supplement shall be included in the original quotation and the Supplement will be considered an integral part of the Contract Documents.
2. All work performed under this Supplement shall be subject to the General Conditions of the Contract and the Specifications for similar work in connection with this Project.



- A. General Items – No changes.
- B. Addendum Drawings. – Change
 - a. Delete Bid Drawings, dated 8.14.2021 and replace with Addendum No. 01 Drawings, dated 12.27.2022.
- C. Addendum Specifications. – No changes.



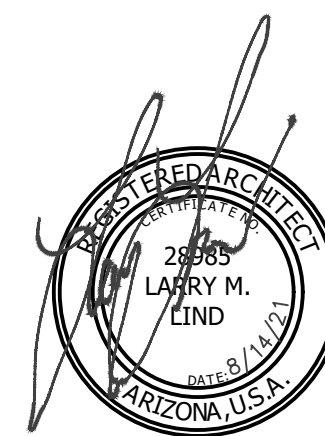
WASHINGTON ELEMENTARY SCHOOL DISTRICT



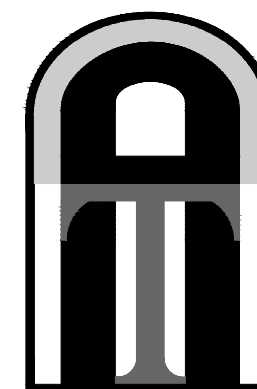
WASHINGTON ELEMENTARY
SCHOOL DISTRICT

ROOFING IMPROVEMENTS MOON MOUNTAIN ELEMENTARY SFB PROJECT NO.: BRG DSGN-00410

13425 NORTH 19th AVENUE
PHOENIX, ARIZONA 85029



ADDENDUM 01 12-27-2022



ARCHIT^{TECHNOLOGY}

ARCHITECTURE - ROOF CONSULTING
5229 NORTH 7th AVENUE #101
PHOENIX, ARIZONA 85013
PHONE: 602.347.5226
FAX: 602.234.1561



abbreviations

A.B.	ANCHOR BOLT	I.D.	INSIDE DIAMETER
ACT	ACOUSTICAL CEILING TILE	INSUL.	INSULATION
A.F.F.	ABOVE FINISHED FLOOR	INT.	INTERIOR
AGGR.	AGGREGATE		
AL.	ALUMINUM	JAN.	JANITOR
ALT.	ALTERNATE	JNT.	JOINT
APPROX.	APPROXIMATE	JST.	JOIST
ARCH.	ARCHITECTURAL		
		KIT.	KITCHEN
BD.	BOARD		
BLDG.	BUILDING	LAB.	LABORATORY
BLK.	BLOCK	LAM.	LAMINATE
BLK'G	BLOCKING	LAV.	LAVATORY
BM.	BEAM	LT.	LIGHT
BOT.	BOTTOM		
BTWN.	BETWEEN	MAX.	MAXIMUM
B.U.R.	BUILT UP ROOFING	MECH.	MECHANICAL
B.W.	BOTH WAYS	MEMB.	MEMBRANE
		MFR.	MANUFACTURER
C.J.	CONTROL JOINT	M.H.	MANHOLE
CLG.	CEILING	MIN.	MINIMUM
CLKG.	CAULKING	MISC.	MISCELLANEOUS
CLR.	CLEAR	M.O.	MASONRY OPENING
CMU	CONCRETE MASONRY UNIT	MTL.	METAL
COL.	COLUMN	MUL.	MULLION
CONC.	CONCRETE		
CONSTR.	CONSTRUCTION	N	NORTH
CONT.	CONTINUOUS	N.I.C.	NOT IN CONTRACT
C.T.	CARPET TILE	NO.	NUMBER
		NOM.	NOMINAL
		N.T.S.	NOT TO SCALE
DEG.	DEGREE		
DET. / DETL.	DETAIL	O.C.	ON CENTER
D.F.	DRINKING FOUNTAIN	O.D.	OUTSIDE DIAMETER
DIAG.	DIAGONAL	OH.	OVERHEAD
DIA.	DIAMETER	OPG.	OPENING
DN.	DOWN	OPP.	OPPOSITE
DS.	DOWNSPOUT		
DWG.	DRAWING	PCT.	PRE-CAST
		P.L.	PROPERTY LINE
E	EAST	PLAM.	PLASTIC LAMINATE
(E)	EXISTING	P.	PLASTER
EA.	EACH	PLYWD.	PLYWOOD
E.J.	EXPANSION JOINT	PR.	PAIR
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM		
EL. / ELEV.	ELEVATION	R.	RISER
ELEC.	ELECTRICAL	R.D.	ROOF DRAIN
EMER.	EMERGENCY	RE:	REFER TO
ENCL.	ENCLOSURE	REFR.	REFRIGERATOR
EQ.	EQUAL	REQ'D	REQUIRED
EQUIP.	EQUIPMENT	RM	ROOM
E.W.	EACH WAY	R.O.	ROUGH OPENING
E.W.C.	ELECTRIC WATER COOLER		
EXP.	EXPANSION	S	SOUTH
EXT.	EXTERIOR	S.C.	SOLID CORE
		SCHED.	SCHEDULE
F.A.	FIRE ALARM	SECT.	SECTION
F.D.	FLOOR DRAIN	S.F.	SQUARE FOOT
F.D.C.	FIRE DEPARTMENT CONNECTION	SHT.	SHEET
F.E.	FIRE EXTINGUISHER	SIM.	SIMILAR
F.E.C.	FIRE EXTINGUISHER CABINET	SPEC.	SPECIFICATION
F.F.	FINISH FLOOR	SQ.	SQUARE
F.H.C.	FIRE HOSE CABINET	S.S.	STAINLESS STEEL
FIN.	FINISH	STAGG.	STAGGERED
F.L.	FLOW LINE	STD.	STANDARD
FLR.	FLOOR	STIFF.	STIFFENER
FLUOR.	FLUORESCENT	STL.	STEEL
FND.	FOUNDATION	STRUC.	STRUCTURAL
F.O.B.	FACE OF BRICK	SUSP.	SUSPENDED
F.O.C.	FACE OF CONCRETE		
F.S.	FULL SIZE	TR.	READ
FT.	FOOT OR FEET	T & B	TOP AND BOTTOM
FTG.	FOOTING	TER.	TERRAZZO
FURR.	FURRING	T & G	TONGUE AND GROOVE
		THK.	THICK
		T/	TOP OF
		Typ.	TYPICAL
GA.	GAUGE	VCT	VINYL COMPOSITION TILE
GALV.	GALVANIZED	VER.	VERIFY
G.C.	GENERAL CONTRACTOR	VERT.	VERTICAL
GL.	GLASS		
GR.	GRADE	W	WEST
GYP.	GYPSUM	W/	WITH
GYP. BD.	GYPSUM BOARD	W.C.	WATER CLOSET
		WD.	WOOD
		W/O	WITHOUT
H.B.	HOSE BIB		
H.C.	HOLLOW CORE		
H/C	HANDICAPPED		
HDWD.	HARDWOOD		
HDWE.	HARDWARE		
H.M.	HOLLOW METAL		
HR.	HOUR		
HT.	HEIGHT		

reference site plan



general notes

- A. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, LAWS, AND ORDINANCES HAVING JURISDICTION ON THIS PROJECT.
- B. ALL OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND RESOLVED PRIOR TO PROCEEDING WITH ANY CONSTRUCTION SO INVOLVED.
- C. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, CLEARANCES, AND CONDITIONS. ANY DISCREPANCIES OR CONFLICTS SHALL BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
- D. WE CERTIFY TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DESIGN OF THIS PROJECT COMPLIES WITH THE APPLICABLE PROVISIONS & REQUIREMENTS OF SECTION 34-4-1 TO 34-411 INCLUSIVE OF THE STATUTES OF THE STATE OF ARIZONA.
- E. AS PER THE SPECIFICATION SECTION FOR PROJECT CLOSE-OUT, THE ARCHITECT WILL ISSUE A "CERTIFICATE OF SUBSTANTIAL COMPLETION OF THE PROJECT WORK".
- F. ANY FUTURE CHANGE OR REVISIONS TO THESE PLANS SHALL BE SUBMITTED TO THE CITY FOR REVIEW, AND APPROVAL PRIOR TO COMMENCING ANY WORK.
- G. ALL CHANGES AND/OR REVISIONS SHALL BE NOTED ON THE PLANS BY "DELTA'S" INDICATING THE NUMBER OF TIMES THE CHANGES OCCUR. IN ADDITION, THE DATE OF THESE CHANGES OR REVISIONS SHALL BE INDICATED. THIS DATA SHALL ALSO BE PLACED IN THE TITLE BLOCK, IN AN APPROPRIATE BULLETIN OR SCHEDULE.
- H. SEE SPECIFICATIONS FOR PRIOR APPROVALS. IF NO PRIOR APPROVAL IS SUBMITTED THEN BID MUST BE TO ROOF MANUFACTURE SPECIFIED AS "BASIS OF DESIGN"

roofing general notes

- A. ALL NEW ROOF PENETRATIONS TO BE FULLY WATER TIGHT. REPAIR EXISTING METAL FLASHING/FASCIA AS REQUIRED. REFER TO DETAILS.
- B. ROOF AREA NUMBERS ARE SHOWN FOR ROOF AREA LOCATION COMMUNICATION PURPOSES ONLY.
- C. ALL MECHANICAL UNITS, EXHAUST FANS, MECHANICAL EQUIPMENT, ETC. MOUNTED ON ROOF SHALL BE PROVIDED WITH CRICKETING AS REQUIRED TO PROVIDE POSITIVE ROOF DRAINAGE, TYPICAL.
- D. VERIFY ALL ROOF DECK CONDITIONS PRIOR TO ANY ROOFING ACTIVITIES.
- E. COORDINATE ALL MECHANICAL ROOF MOUNTED EQUIPMENT FOR PROPER CURB REQUIREMENTS AND PENETRATION OPENINGS SO THAT PROPER FLASHING MAY BE INSTALLED AS TO CONFORM WITH THE MANUFACTURER'S STANDARD DETAILS / INSTALLATION REQUIREMENTS.
- F. NOT ALL PENETRATIONS MAY BE INDICATED. CONTRACTOR TO FIELD VERIFY. FOR TYPICAL VENT AND PIPE PENETRATIONS THROUGH ROOF MEMBRANE, SEE TYPICAL DETAILS
- G. REFER TO PLANS FOR LOCATIONS OF NEW COPING, GUTTERS, AND ASSOCIATED DETAILS.
- H. ALL SHEET METAL FABRICATIONS TO COMPLY WITH THE LATEST SMACNA ARCHITECTURAL SHEET METAL MANUAL - TYPICAL.
- I. REMOVE ALL EXISTING PARAPET WALL REGLETS (U.N.O.) EXISTING PARAPET WALL COUNTER FLASHING AT REGLET TO BE REMOVED FOR INSTALLATION OF NEW ROOF MEMBRANE. INSTALL NEW COUNTER FLASHING AS REQUIRED TO CONFORM WITH MANUFACTURES ROOF WARRANTY. PAINT ALL REGLETS AND COUNTER FLASHING COLOR TO MATCH ADJACENT PARAPET WALLS.
- J. MECHANICAL UNITS, EQUIPMENT, VENTS, ETC. SHOWN ARE DIAGRAMMATIC. THEY ARE NOT TO SCALE AND THE LOCATIONS ARE APPROXIMATE. NOT ALL ROOFING PENETRATIONS HAVE BEEN SHOWN. CONTRACTOR TO FIELD VERIFY QUANTITIES, SIZES, AND LOCATIONS OF MECHANICAL AND ELECTRICAL PENETRATIONS PRIOR TO BIDDING. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL ROOFING PENETRATIONS NOT INDICATED ON DRAWINGS.
- K. CONTRACTOR IS RESPONSIBLE TO VISIT SITE TO ASCERTAIN THE FULL EXTENT OF THE WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO ASCERTAIN FULL EXTENT OF THE WORK REQUIRED THROUGH VISUAL INSPECTION OF EXISTING CONDITIONS AND THAT DETAILED AND SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
- L. ROOF SLOPED INDICATED ARE APPROXIMATE. CONTRACTOR TO VERIFY IF SLOPE IS PROVIDED IN THE STRUCTURE OF BUILDING OR IF TAPERED INSULATION WILL BE REQUIRED TO PROVIDE SLOPE
- M. CONTRACTOR TO PROVIDE WARRANTED WATER TIGHT ROOF CONSTRUCTION AND FLASHING AT ALL NEW ROOFING INSTALLATIONS EXCEPT AT EXISTING ROOFING TO REMAIN. CONTRACTOR TO VISUALLY INSPECT ALL METAL COPING TO REMAIN FOR POTENTIAL SOURCES OF LEAKS AND PROVIDE REPORT TO ARCHITECT FOR REVIEW.
- N. CONTRACTOR IS RESPONSIBLE FOR INSPECTING INTERIOR ROOF LEADERS TO ENSURE THAT THEY ARE NOT LEAKING. IF LEAKS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ARCHITECT.

project information

PROJECT NAME:	ROOFING IMPROVEMENTS
OWNER:	WASHINGTON ELEMENTARY SCHOOL DISTRICT 4650 WEST SWEETWATER GLENDALE, AZ 85304 PHONE: 602-347-2600
PROJECT SITE:	MOON MOUNTAIN ELEMENTARY SCHOOL 13425 N 19TH AVENUE PHOENIX, AZ 85029
ARCHITECT:	ARCHITECHNOLOGY INC. LARRY M. LIND, A.I.A. PRINCIPAL ARCHITECT / ROOF CONSULTANT 5229 N. 7TH AVE. STE 101 PHOENIX, ARIZONA 85013 P (602) 347-5226 F (602) 234-1561

washington elementary school district

GOVERNING BOARD:	BOARD PRESIDENT - BILL ADAMS
	VICE PRESIDENT - NIKKIE WHALEY
	BOARD MEMBER - JENNI ABBOTT-BAYARDI
	BOARD MEMBER - TEE LAMBERT
	BOARD MEMBER - LINDSEY PETERSON
SUPERINTENDENT:	DR. PAUL STANTON

applicable codes

city of phoenix

ALL CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING BUILDING CODES AND AMENDMENTS PER THEIR ADOPTING ORDINANCES:

2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL EXISTING BUILDING CODE
2018 INTERNATIONAL RESIDENTIAL CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2017 NATIONAL ELECTRICAL CODE
2018 UNIFORM PLUMBING CODE
2018 INTERNATIONAL SWIMMING POOL AND SPA CODE

sheet index

- G0.0 COVER SHEET
G1.1 PROJECT INFORMATION / REFERENCE SITE PLAN

- A1.0 OVERALL ROOF PLAN
A1.1 BUILDING E (SFB 1008) ROOF PLAN
A1.2 BUILDING A (SFB 1004) ROOF PLAN
A1.3 BUILDING D (SFB 1007) ROOF PLAN
A1.4 BUILDING B (SFB 1005) ROOF PLAN
A1.5 BUILDING C (SFB 1006) ROOF PLAN

Architechnology
ARCHITECTURE - FACILITIES - C.M.
5229 N. 7th AVE. #101
PHOENIX, ARIZONA 85013
602.347.5226

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ROOFING IMPROVEMENTS
WASHINGTON ELEMENTARY SCHOOL DISTRICT
MOON MOUNTAIN ELEMENTARY
13425 NORTH 19TH AVE
PHOENIX, ARIZONA 85029
SFB PROJECT NO.: BRG-DSGN-004100

PROJECT NO.:	21170
DRAWN BY:	B. TUTTLE
CHECKED BY:	L. LIND
DATE:	8/14/21

REVISIONS		
NO.	DATE	COMMENT
1	12/27/22	ADDENDUM 01

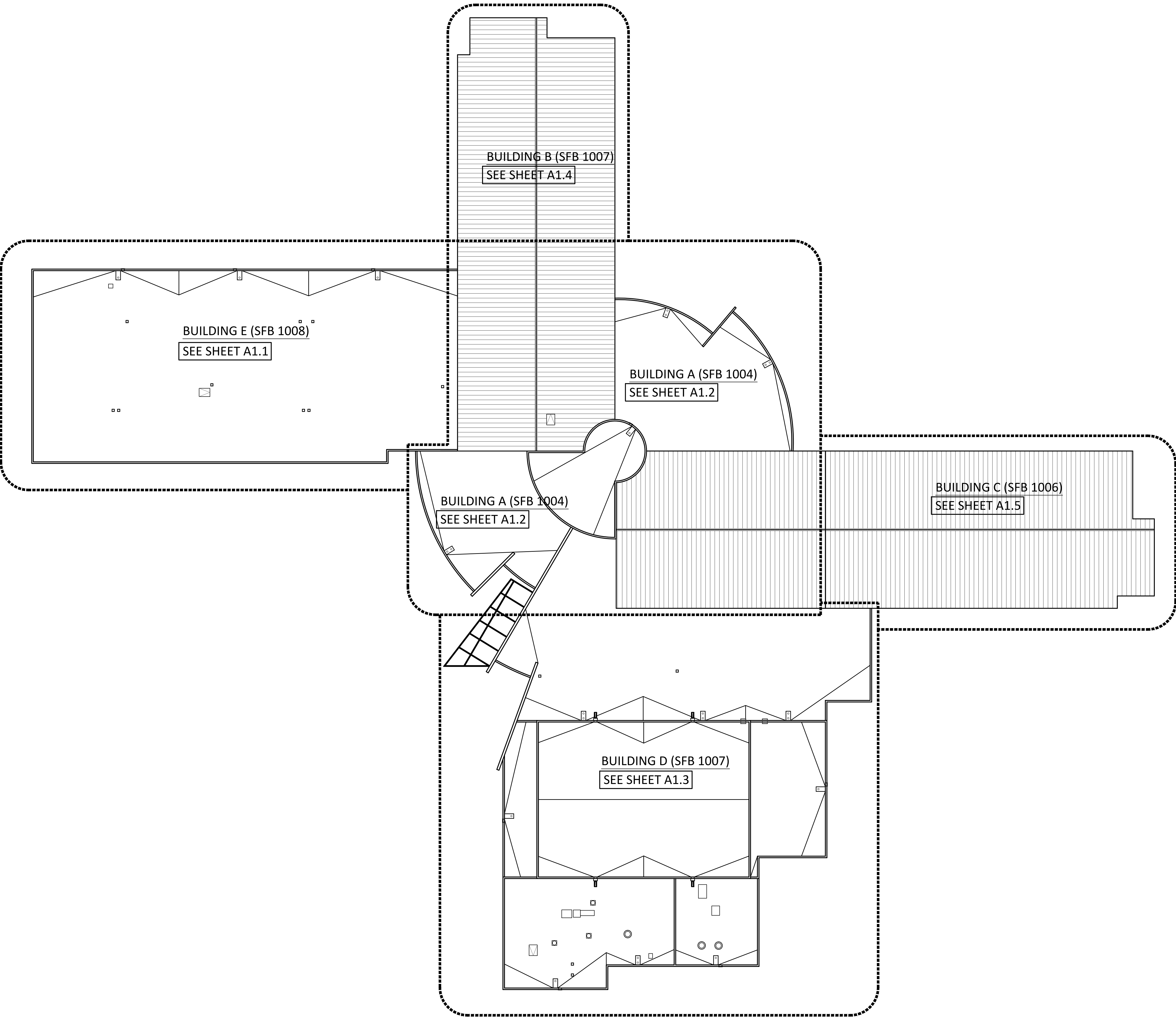
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DRAWING TITLE

GENERAL INFORMATION /
REFERENCE SITE PLAN

DRAWING NUMBER

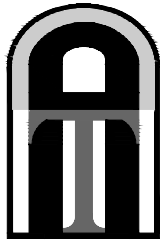
G1.1



MOON MOUNTAIN OVERALL ROOF PLAN

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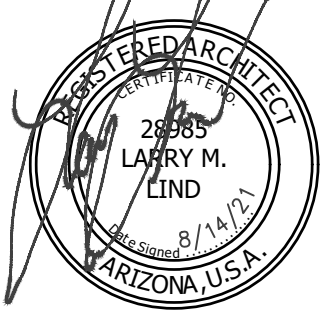




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PHOENIX, ARIZONA 85013
602.347.5226



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ROOFING IMPROVEMENTS
WASHINGTON ELEMENTARY SCHOOL DISTRICT
MOON MOUNTAIN ELEMENTARY
13425 NORTH 19TH AVE
PHOENIX, ARIZONA 85029
SFB PROJECT NO.: BRG-DSGN-004100

PROJECT NO.: 21170
DRAWN BY: B. TUTTLE
CHECKED BY: L. LIND
DATE: 8/14/21

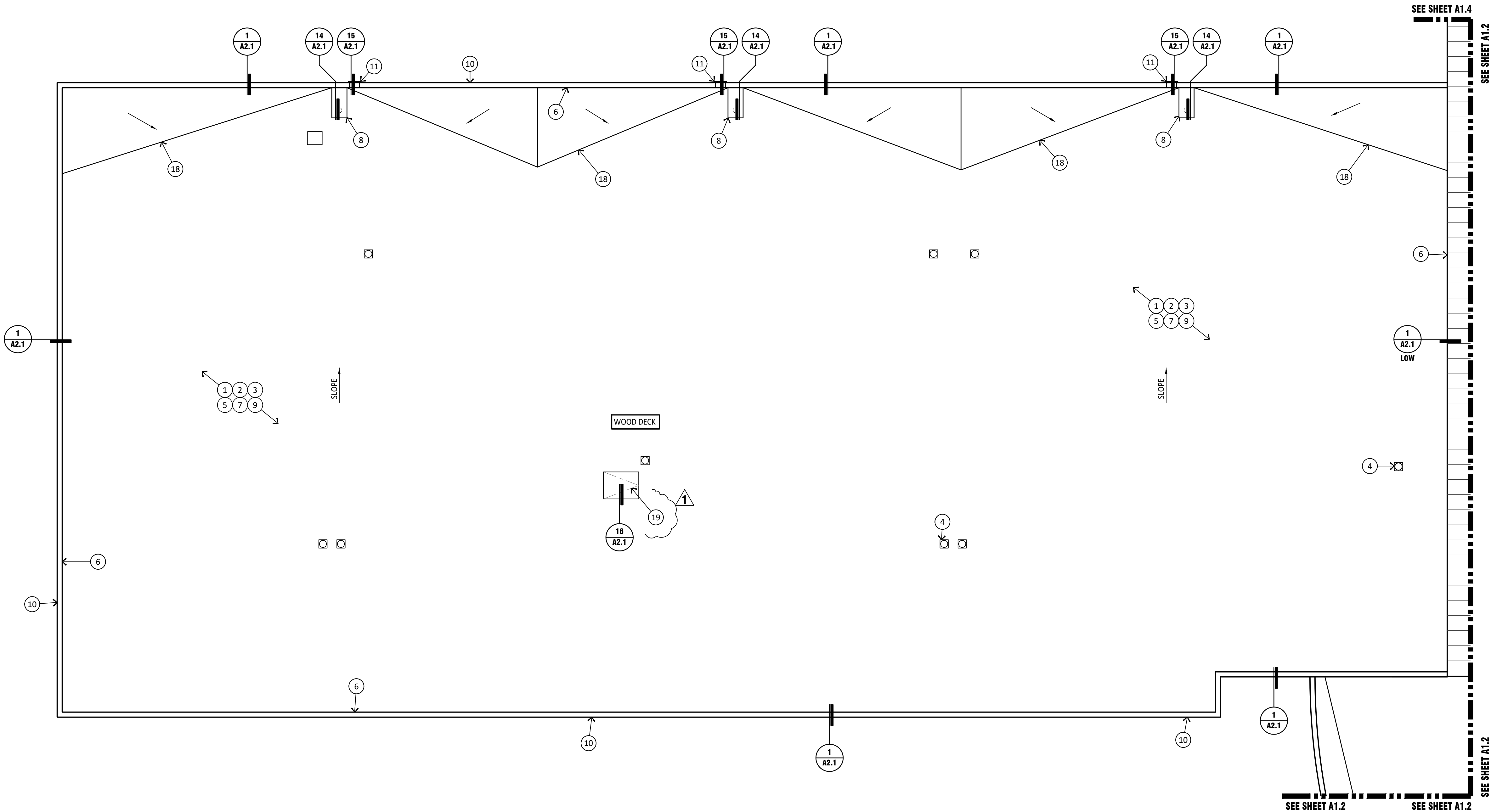
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DRAWING TITLE
MOON MOUNTAIN OVERALL
ROOF PLAN

DRAWING NUMBER

A1.0



BUILDING E (SFB 1008) ROOF PLAN
1/8" = 1'-0"

KEYED NOTES

1. REMOVE EXISTING ROOFING SYSTEM TO DECK. CLEAN AND PREP DECK AS REQUIRED FOR NEW ROOF - SEE SPECIFICATIONS
2. INSTALL NEW ROOFING ON COVER BOARD OVER RIGID INSULATION. TYPICAL - SEE SPECIFICATIONS.
3. REMOVE AND REPLACE ALL METAL FLASHINGS, REGLETS, AND COUNTER FLASHINGS - TYPICAL - SEE SPECIFICATIONS.
4. PROVIDE NEW FLASHING AT MECHANICAL CURBS. ENSURE CONDENSATE LINES ARE PROPERLY SUPPORTED. REMOVE AND REPLACE DUCT SEALANTS. - SEE SPECIFICATIONS - TYPICAL
5. REMOVE EXISTING SLEEPERS UNDER CONDUIT AND PIPE. PROTECT DURING CONSTRUCTION ACTIVITIES. PROVIDE NEW DURA-BLOK SUPPORTS - TYPICAL
6. CLEAN EXISTING PARAPET WALLS ON ROOF SIDE. WRAP WALLS 4'-0" HIGH AND UNDER WITH KEE MEMBRANE THAT EXTENDS UP AND OVER NEW TREATED WOOD SLEEPERS. PROVIDE BLOCK FILL AND COAT PARAPET WALLS TALLER THAN 4'-0" TO BOTTOM OF COPING - SEE SPECIFICATIONS
7. REMOVE ALL CONSTRUCTION JOINT CAULKING FROM ROOF SIDE OF PARAPET AND REPLACE PER SPECIFICATIONS
8. PROVIDE NEW SUMPS AS REQUIRED AT EXISTING SCUPPER LOCATIONS. CLEAR ALL DRAIN LEADERS AND ENSURE PROPER OPERATION - SEE SPECIFICATIONS - TYPICAL
9. RAISE DUCT AS REQUIRED FOR PROPER FLASHING - TYPICAL
10. PROVIDE NEW TREATED WOOD NAILERS AND METAL COPING CAPS PER SPECIFICATIONS
11. PROVIDE NEW SHEET METAL SCUPPERS
12. CLEAR SCUPPERS OF DEBRIS AND ENSURE PROPER OPERATION.
13. PROVIDE REPAIRS TO LAPS, SEAMS, RIVETS, PENETRATIONS AND OTHERS AS REQUIRED ON METAL ROOFS. VERIFY IN FIELD. SEE SPECIFICATIONS
14. PROVIDE REPAIRS AS REQUIRED - VERIFY IN FIELD
15. CLEAN ROOF AND PROVIDE NEW COATING - SEE SPECIFICATIONS
16. CLEAR ROOF DRAINS AND ENSURE PROPER OPERATION
17. PROVIDE NEW CONCRETE SPLASH BLOCKS WHERE REQUIRED.
18. NEW CRICKETS - SIZE TO ENSURE PROPER DRAINAGE
19. PROVIDE NEW ROOF HATCH PROVIDE SUBMITTAL TO ARCHITECT
20. PROVIDE NEW STEEL ROOF ACCESS LADDER. PROVIDE SHOP DRAWING TO ARCHITECT SEE DETAIL 1/A1.5
21. REMOVE ALL MECH EQUIPMENT. PROVIDE NEW ROOFING AND FLASHING. REINSTALL ALL EQUIPMENT ON NEW CURB. PROVIDE MECHANICAL, PLUMBING AND MECHANICAL WORK AS REQUIRED TO REMOVE AND REINSTALL SYSTEM. VERIFY PROPER OPERATION AND STARTS UP.

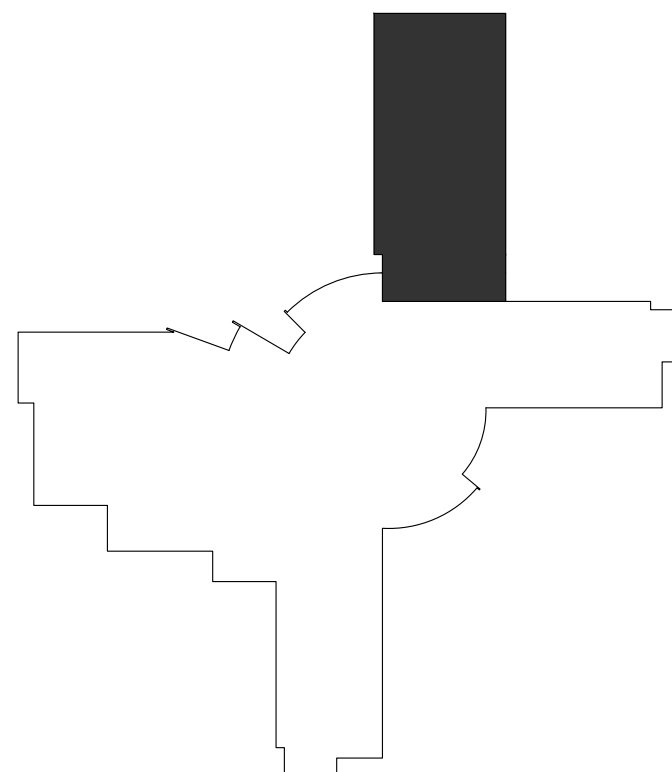
GENERAL NOTES

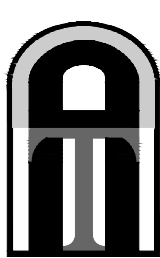
- A. CONTRACTOR TO REVIEW SPECIFICATIONS PRIOR TO BID. NOTIFY ARCHITECT OF ANY CONFLICTS.
- B. KEYNOTES ARE TYPICAL THROUGHOUT
- C. ANY INCIDENTAL MECHANICAL, PLUMBING OR ELECTRICAL ASSOCIATED WITH ROOFTOP EQUIPMENT SHALL BE PERFORMED BY PROPER LICENSED SUBCONTRACTORS UNDER THIS ROOFING CONTRACT - ALL WORK SHALL BE PERFORMED TO CURRENT CODES
- D. ADJUST EXISTING ELECTRICAL CONDUIT, CONDENSATE AND UTILITY LINES AS REQUIRED FOR NEW ROOF HEIGHT. PROVIDE NEW DURA BLOK SUPPORTS - TYPICAL - SEE SPECIFICATIONS.
- E. REMOVE EXISTING LOW VOLTAGE WIRE AND REINSTALL AFTER ROOF REPLACEMENT
- F. REMOVE AND PATCH ALL ABANDONED OPENINGS. NOTIFY ARCHITECT IF OPENING IS WIDER THAN 12" X 12"
- G. REMOVE AND REPLACE EXISTING LIGHTNING PROTECTION SYSTEM. NEW SYSTEM TO BE RE CERTIFIED
- H. DEMO ALL ABANDONED PITCH PANS. CAP WATER AND POWER

TYPICAL DETAILS THROUGHOUT

3 A2.1 PASSIVE VENT	11 A2.1 ROOF TOP PIPE SUPPORT
6 A2.1 EQUIPMENT SUPPORT	12 A2.1 EXHAUST FAN
9 A2.1 PITCH PAN	13 A2.1 HEAT STACK
8 A2.1 EXPANSION JOINT	17 A2.1 AREA DIVIDER
9 A2.1 PITCH POCKET	18 A2.1 PRE MANUFACTURED SUPPORT CURB
10 A2.1 PIPE PENETRATION	16 A2.1 COPING

REFERENCE PLAN





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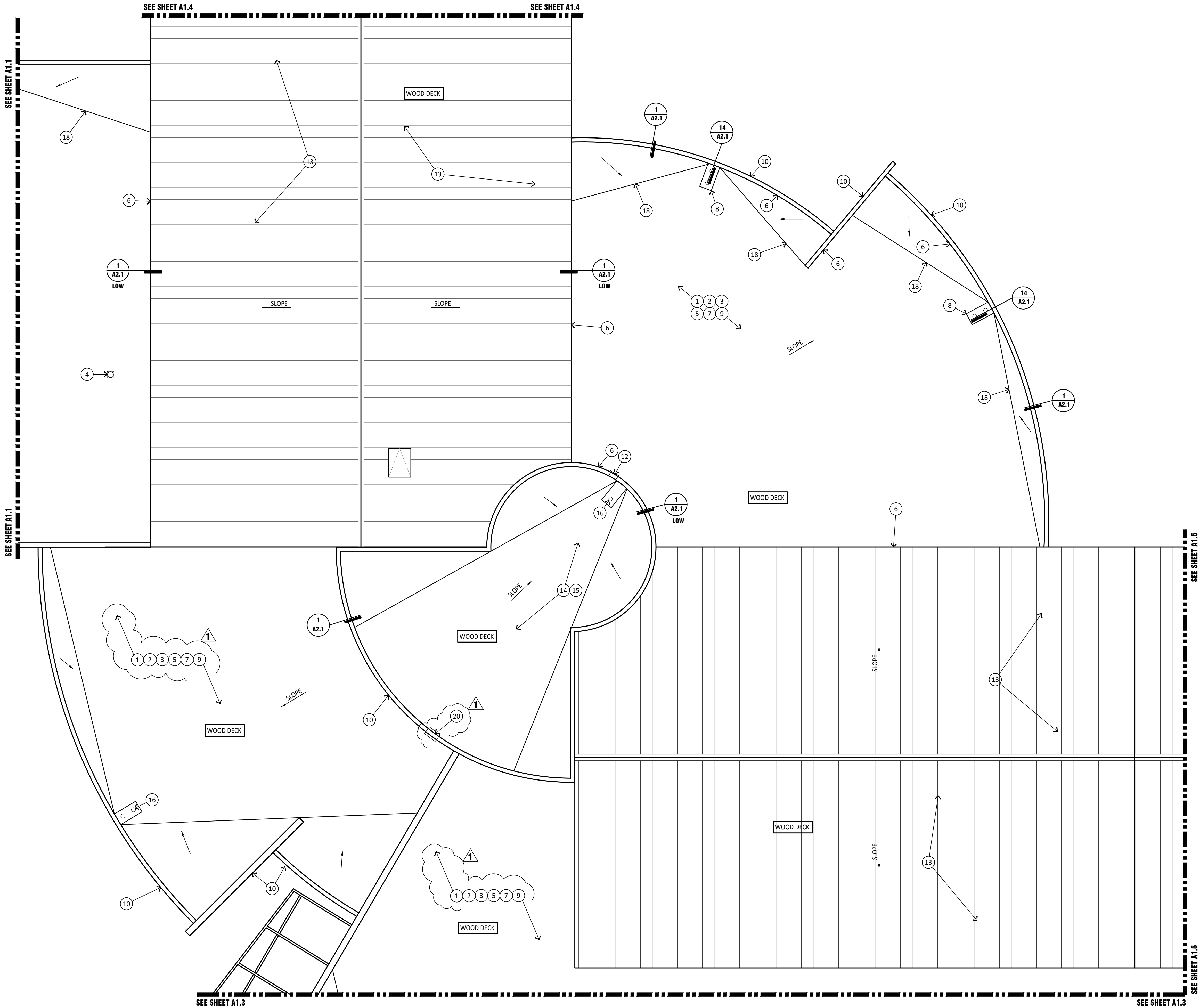
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DRAWING TITLE
BUILDING E
(SFB 1008)
ROOF PLAN
DRAWING NUMBER

A1.1



BUILDING A (SFB 1004) ROOF PLAN
1/8" = 1'-0"

KEYED NOTES

1. REMOVE EXISTING ROOFING SYSTEM TO DECK. CLEAN AND PREP DECK AS REQUIRED FOR NEW ROOF - SEE SPECIFICATIONS
2. INSTALL NEW ROOFING ON COVER BOARD OVER RIGID INSULATION. TYPICAL - SEE SPECIFICATIONS.
3. REMOVE AND REPLACE ALL METAL FLASHINGS, REGLETS, AND COUNTER FLASHINGS - TYPICAL - SEE SPECIFICATIONS.
4. PROVIDE NEW FLASHING AT MECHANICAL CURBS. ENSURE CONDENSATE LINES ARE PROPERLY SUPPORTED. REMOVE AND REPLACE DUCT SEALANTS. - SEE SPECIFICATIONS - TYPICAL
5. REMOVE EXISTING SLEEPERS UNDER CONDUIT AND PIPE. PROTECT DURING CONSTRUCTION ACTIVITIES. PROVIDE NEW DURA-BLOCK SUPPORTS - TYPICAL
6. CLEAN EXISTING PARAPET WALLS ON ROOF SIDE. WRAP WALLS 4'-0" HIGH AND UNDER WITH KEE MEMBRANE THAT EXTENDS UP AND OVER NEW TREATED WOOD SLEEPERS. PROVIDE BLOCK FILL AND COAT PARAPET WALLS TALLER THAN 4'-0" TO BOTTOM OF COPING - SEE SPECIFICATIONS
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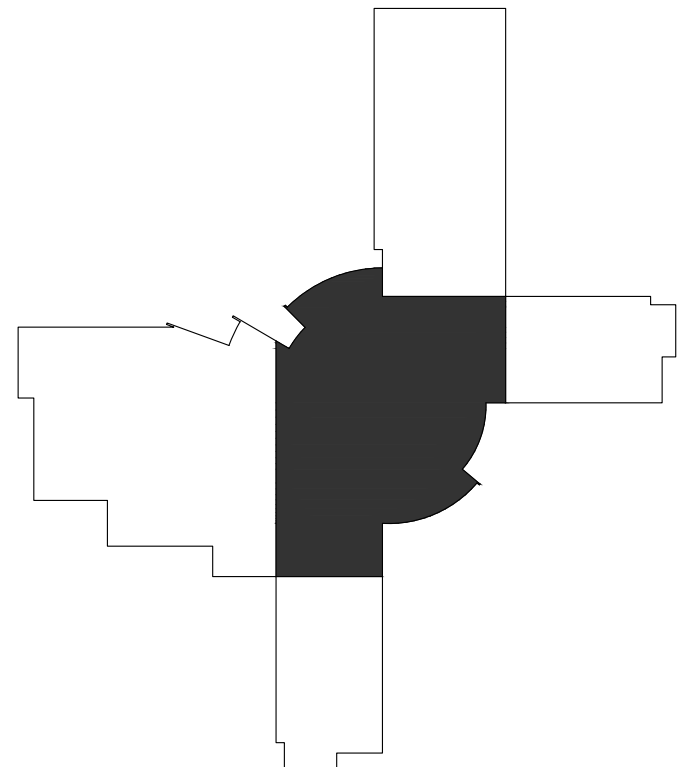
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- A. CONTRACTOR TO REVIEW SPECIFICATIONS PRIOR TO BID. NOTIFY ARCHITECT OF ANY CONFLICTS.
- B. KEYNOTES ARE TYPICAL THROUGHOUT
- C. ANY INCIDENTAL MECHANICAL, PLUMBING OR ELECTRICAL ASSOCIATED WITH ROOFTOP EQUIPMENT SHALL BE PERFORMED BY PROPER LICENSED SUBCONTRACTORS UNDER THIS ROOFING CONTRACT - ALL WORK SHALL BE PERFORMED TO CURRENT CODES
- D. ADJUST EXISTING ELECTRICAL CONDUIT, CONDENSATE AND UTILITY LINES AS REQUIRED FOR NEW ROOF HEIGHT. PROVIDE NEW DURA BLOK SUPPORTS - TYPICAL - SEE SPECIFICATIONS.
- E. REMOVE EXISTING LOW VOLTAGE WIRE AND REINSTALL AFTER ROOF REPLACEMENT
- F. REMOVE AND PATCH ALL ABANDONED OPENINGS. NOTIFY ARCHITECT IF OPENING IS WIDER THAN 12" X 12"
- G. REMOVE AND REPLACE EXISTING LIGHTNING PROTECTION SYSTEM. NEW SYSTEM TO BE RE CERTIFIED
- H. DEMO ALL ABANDONED PITCH PANS. CAP WATER AND POWER

TYPICAL DETAILS THROUGHOUT

3 A2.1 PASSIVE VENT	11 A2.1 ROOF TOP PIPE SUPPORT
6 A2.1 EQUIPMENT SUPPORT	12 A2.1 EXHAUST FAN
9 A2.1 PITCH PAN	13 A2.1 HEAT STACK
8 A2.1 EXPANSION JOINT	17 A2.1 AREA DIVIDER
9 A2.1 PITCH POCKET	18 A2.1 PRE MANUFACTURED SUPPORT CURB
10 A2.1 PIPE PENETRATION	16 A2.1 COPING

REFERENCE PLAN



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PHOENIX, ARIZONA 85013
602.347.5226

WASHINGTON ELEMENTARY
SCHOOL DISTRICT

ROOFING IMPROVEMENTS
WASHINGTON ELEMENTARY SCHOOL DISTRICT
MOON MOUNTAIN ELEMENTARY
13425 NORTH 19TH AVE
PHOENIX, ARIZONA 85029
SFB PROJECT NO.: BRG-DSGN-004100

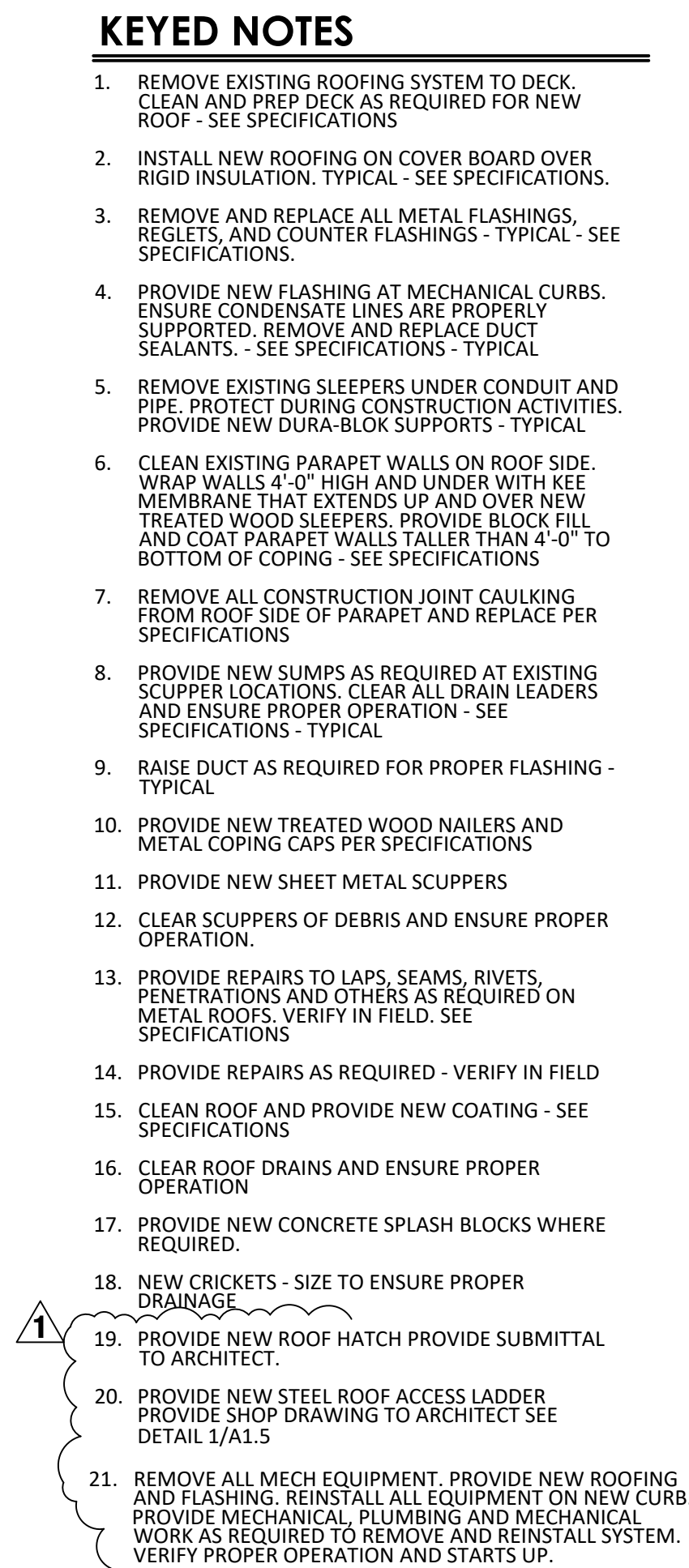
PROJECT NO.: 21170
DRAWN BY: B. TUTTLE
CHECKED BY: L. LIND
DATE: 8/14/21

NO.	DATE	COMMENT	REVISIONS
1	12/27/22	ADDENDUM 01	

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DRAWING TITLE
BUILDING A
(SFB 1004)
ROOF PLAN

DRAWING NUMBER
A1.2



- A. CONTRACTOR TO REVIEW SPECIFICATIONS PRIOR TO BID. NOTIFY ARCHITECT OF ANY CONFLICTS.
- B. KEYNOTES ARE TYPICAL THROUGHOUT
- C. ANY INCIDENTAL MECHANICAL, PLUMBING OR ELECTRICAL ASSOCIATED WITH ROOFTOP EQUIPMENT SHALL BE PERFORMED BY PROPER LICENSED SUBCONTRACTORS UNDER THIS ROOFING CONTRACT - ALL WORK SHALL BE PERFORMED TO CURRENT CODES
- D. ADJUST EXISTING ELECTRICAL CONDUIT, CONDENSATE AND UTILITY LINES AS REQUIRED FOR ROOFTOP HEIGHT. PROVIDE NEW DURA BLOK SUPPORTS - TYPICAL - SEE SPECIFICATIONS.
- E. REMOVE EXISTING LOW VOLTAGE WIRE AND REINSTALL AFTER ROOF REPLACEMENT
- F. REMOVE AND PATCH ALL ABANDONED OPENINGS. NOTIFY ARCHITECT IF OPENING IS WIDER THAN 12" X 12"
- G. REMOVE AND REPLACE EXISTING LIGHTNING PROTECTION SYSTEM. NEW SYSTEM TO BE RE CERTIFIED
- H. DEMO ALL ABANDONED PITCH PANS. CAP WATER AND POWER

3 A2.1 PASSIVE VENT	11 A2.1 ROOF TOP PIPE SUPPORT
6 A2.1 EQUIPMENT SUPPORT	12 A2.1 EXHAUST FAN
9 A2.1 PITCH PAN	13 A2.1 HEAT STACK
8 A2.1 EXPANSION JOINT	17 A2.1 AREA DIVIDER
9 A2.1 PITCH POCKET	18 A2.1 PRE MANUFACTURED SUPPORT CURB
10 A2.1 PIPE PENETRATION	16 A2.1 COPING



**ROOFING IMPROVEMENTS
WASHINGTON ELEMENTARY SCHOOL DISTRICT
MOON MOUNTAIN ELEMENTARY
13425 NORTH 19TH AVE
PHOENIX, ARIZONA 85029
SFB PROJECT NO.: BRG-DSGN-004100**

PROJECT NO.: 21170
DRAWN BY: B. TUTTLE
CHECKED BY: L. LIND
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			REVISION
NO.	DATE	COMMENT	
1	12/27/22	ADDENDUM 01	

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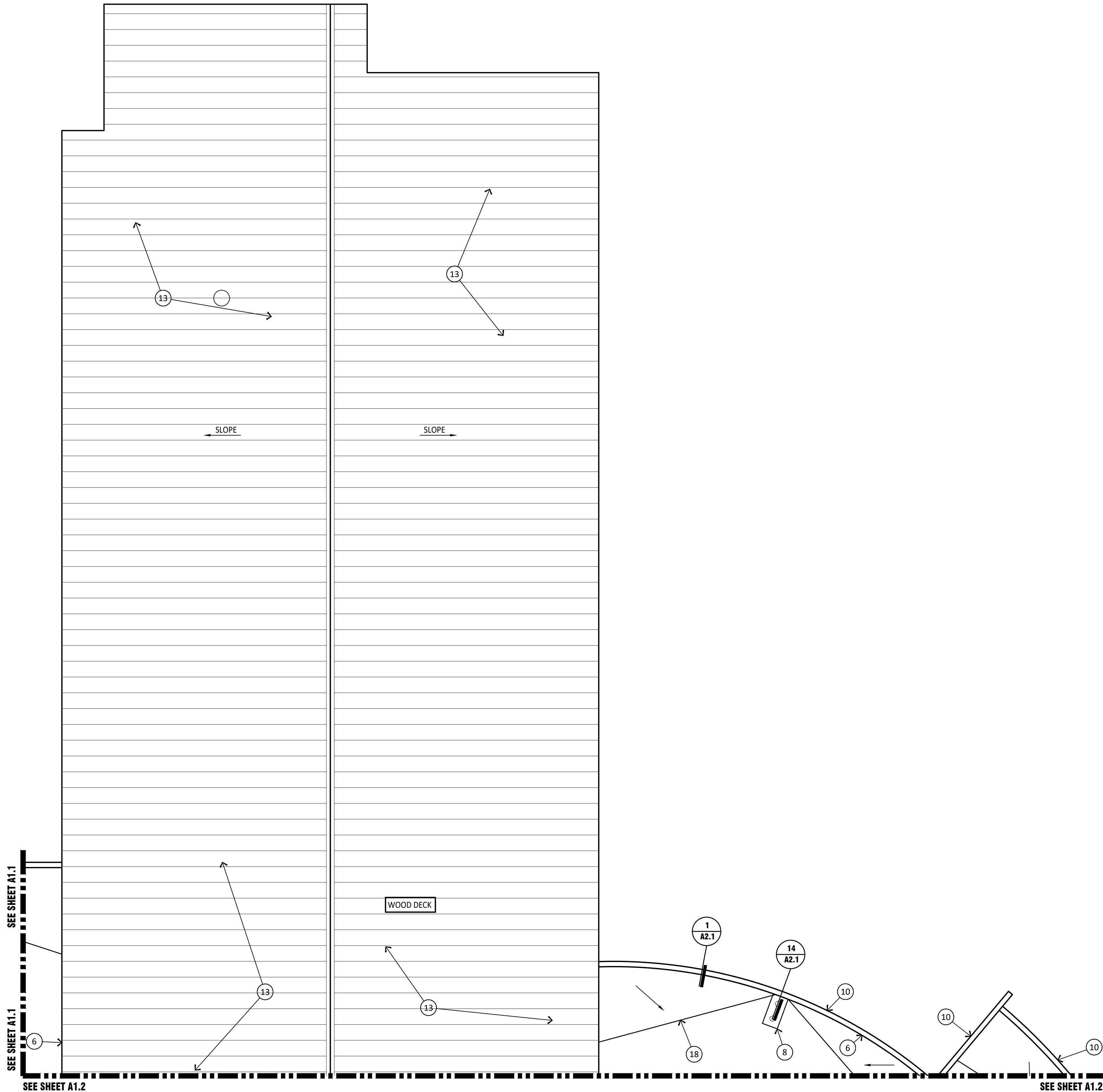
BUILDING D
(SFB 1007)
ROOF PLAN

DRAWING NUMBER

A1.3

BUILDING D (SFB 1007) ROOF PLAN

$$1/8'' = 1'-0''$$

BUILDING B (SFB 1005) ROOF PLAN

1/8" = 1'-0"

KEYED NOTES

1. REMOVE EXISTING ROOFING SYSTEM TO DECK. CLEAN AND PREP DECK AS REQUIRED FOR NEW ROOF - SEE SPECIFICATIONS
2. INSTALL NEW ROOFING ON COVER BOARD OVER RIGID INSULATION. TYPICAL - SEE SPECIFICATIONS.
3. REMOVE AND REPLACE ALL METAL FLASHINGS, REGLETS, AND COUNTER FLASHINGS - TYPICAL - SEE SPECIFICATIONS.
4. PROVIDE NEW FLASHING AT MECHANICAL CURBS. ENSURE CONDENSATE LINES ARE PROPERLY SUPPORTED. REMOVE AND REPLACE DUCT SEALANTS. - SEE SPECIFICATIONS - TYPICAL
5. REMOVE EXISTING SLEEPERS UNDER CONDUIT AND PIPE. PROTECT DURING CONSTRUCTION ACTIVITIES. PROVIDE NEW DURA-BLOK SUPPORTS - TYPICAL
6. CLEAN EXISTING PARAPET WALLS ON ROOF SIDE. WRAP WALLS 4'-0" HIGH AND UNDER WITH KEE MEMBRANE THAT EXTENDS UP AND OVER NEW TREATED WOOD SLEEPERS. PROVIDE BLOCK FILL AND COAT PARAPET WALLS TALLER THAN 4'-0" TO BOTTOM OF COPING - SEE SPECIFICATIONS
7. REMOVE ALL CONSTRUCTION JOINT CAULKING FROM ROOF SIDE OF PARAPET AND REPLACE PER SPECIFICATIONS
8. PROVIDE NEW SUMPS AS REQUIRED AT EXISTING SCUPPER LOCATIONS. CLEAR ALL DRAIN LEADERS AND ENSURE PROPER OPERATION - SEE SPECIFICATIONS - TYPICAL
9. RAISE DUCT AS REQUIRED FOR PROPER FLASHING - TYPICAL
10. PROVIDE NEW TREATED WOOD NAILERS AND METAL COPING CAPS PER SPECIFICATIONS
11. PROVIDE NEW SHEET METAL SCUPPERS
12. CLEAR SCUPPERS OF DEBRIS AND ENSURE PROPER OPERATION.
13. PROVIDE REPAIRS TO LAPS, SEAMS, RIVETS, PENETRATIONS AND OTHERS AS REQUIRED ON METAL ROOFS. VERIFY IN FIELD. SEE SPECIFICATIONS
14. PROVIDE REPAIRS AS REQUIRED - VERIFY IN FIELD
15. CLEAN ROOF AND PROVIDE NEW COATING - SEE SPECIFICATIONS
16. CLEAR ROOF DRAINS AND ENSURE PROPER OPERATION
17. PROVIDE NEW CONCRETE SPLASH BLOCKS WHERE REQUIRED.
18. NEW CRICKETS - SIZE TO ENSURE PROPER DRAINAGE
19. PROVIDE NEW ROOF HATCH PROVIDE SUBMITTAL TO ARCHITECT.
20. PROVIDE NEW STEEL ROOF ACCESS LADDER. PROVIDE SHOP DRAWING TO ARCHITECT SEE DETAIL 1/A1.5
21. REMOVE ALL MECH EQUIPMENT. PROVIDE NEW ROOFING AND FLASHING. REINSTALL ALL EQUIPMENT ON NEW CURB. PROVIDE MECHANICAL, PLUMBING AND MECHANICAL WORK AS REQUIRED TO REMOVE AND REINSTALL SYSTEM. VERIFY PROPER OPERATION AND STARTS UP.

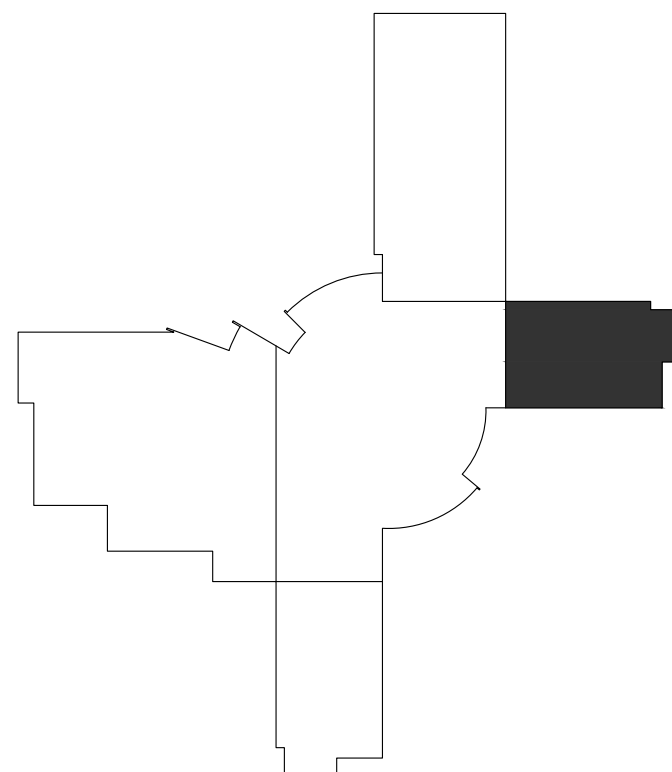
GENERAL NOTES

- A. CONTRACTOR TO REVIEW SPECIFICATIONS PRIOR TO BID. NOTIFY ARCHITECT OF ANY CONFLICTS.
- B. KEYNOTES ARE TYPICAL THROUGHOUT
- C. ANY INCIDENTAL MECHANICAL, PLUMBING OR ELECTRICAL ASSOCIATED WITH ROOFTOP EQUIPMENT SHALL BE PERFORMED BY PROPER LICENSED SUBCONTRACTORS UNDER THIS ROOFING CONTRACT - ALL WORK SHALL BE PERFORMED TO CURRENT CODES
- D. ADJUST EXISTING ELECTRICAL CONDUIT, CONDENSATE AND UTILITY LINES AS REQUIRED FOR NEW ROOF HEIGHT. PROVIDE NEW DURA BLOK SUPPORTS - TYPICAL - SEE SPECIFICATIONS.
- E. REMOVE EXISTING LOW VOLTAGE WIRE AND REINSTALL AFTER ROOF REPLACEMENT
- F. REMOVE AND PATCH ALL ABANDONED OPENINGS. NOTIFY ARCHITECT IF OPENING IS WIDER THAN 12" X 12"
- G. REMOVE AND REPLACE EXISTING LIGHTNING PROTECTION SYSTEM. NEW SYSTEM TO BE RE CERTIFIED
- H. DEMO ALL ABANDONED PITCH PANS. CAP WATER AND POWER

TYPICAL DETAILS THROUGHOUT

3 A2.1 PASSIVE VENT	11 A2.1 ROOF TOP PIPE SUPPORT
6 A2.1 EQUIPMENT SUPPORT	12 A2.1 EXHAUST FAN
9 A2.1 PITCH PAN	13 A2.1 HEAT STACK
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9 A2.1 PITCH POCKET	18 A2.1 PRE MANUFACTURED SUPPORT CURB
10 A2.1 PIPE PENETRATION	16 A2.1 COPING

REFERENCE PLAN

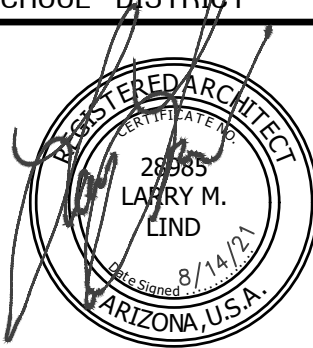




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ROOFING IMPROVEMENTS
WASHINGTON ELEMENTARY SCHOOL DISTRICT
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SFB PROJECT NO.: BRG-DSGN-004100

PROJECT NO.: 21170
DRAWN BY: B. TUTTLE
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DATE: 8/14/21

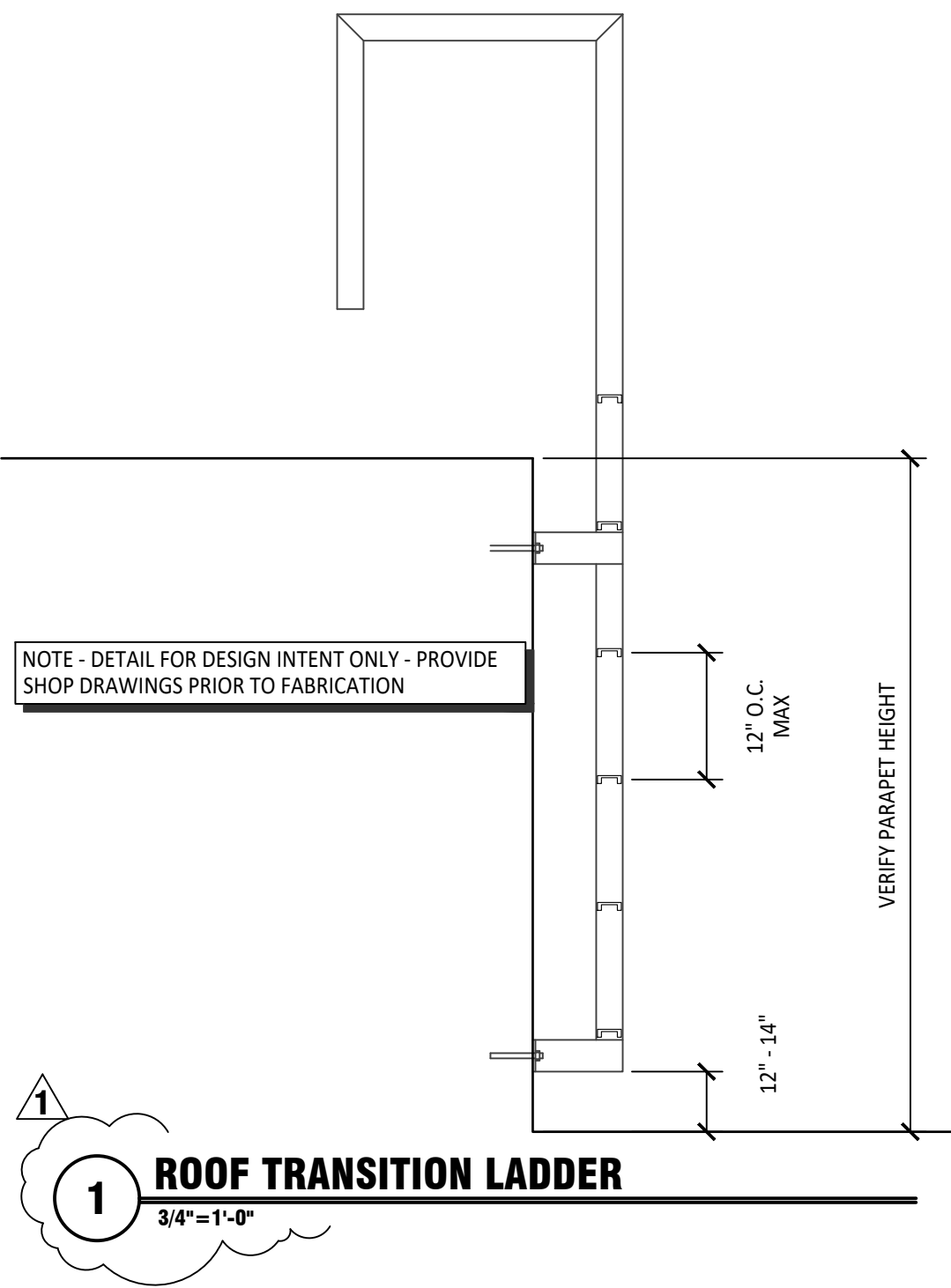
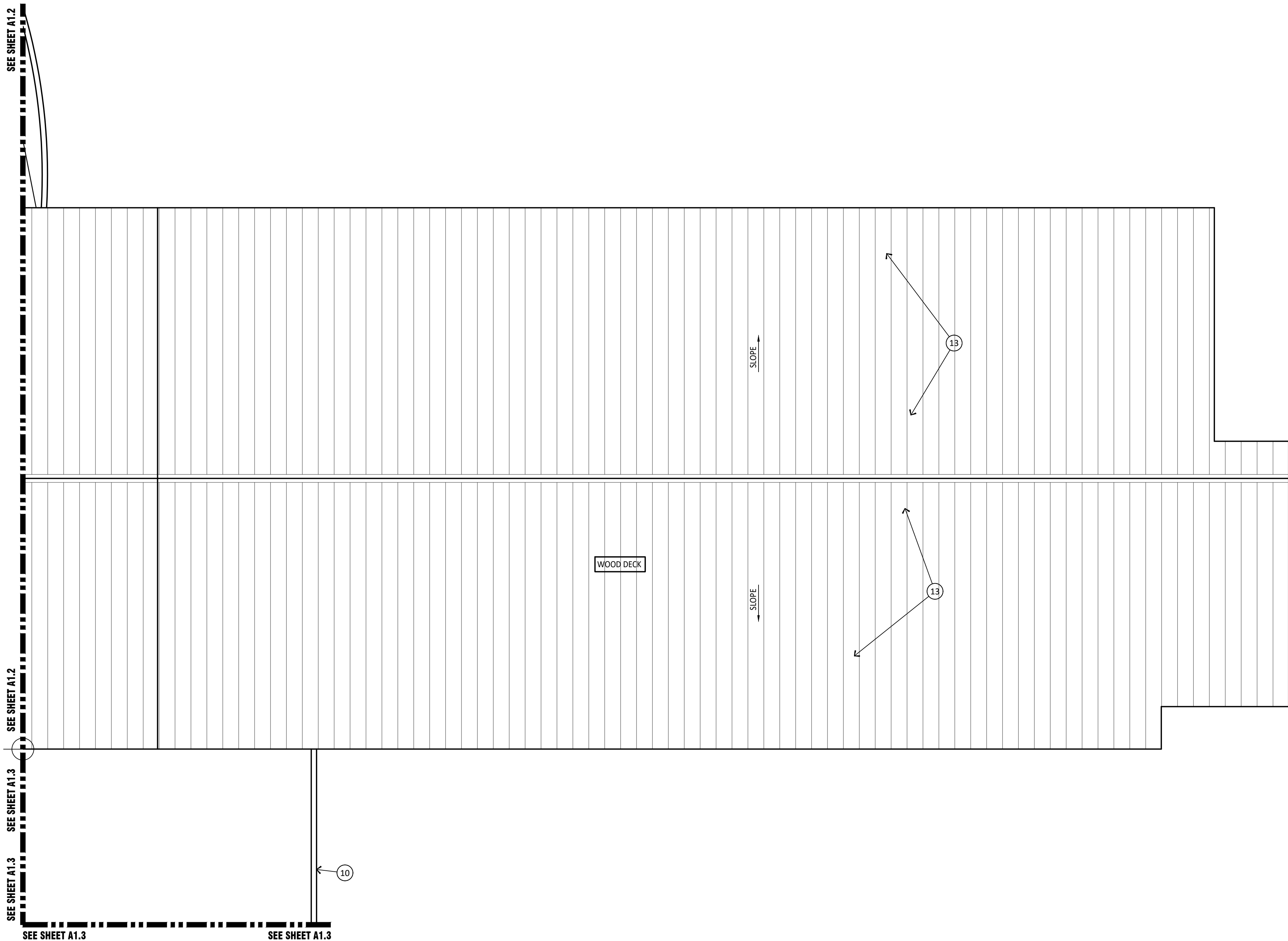
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DRAWING TITLE
BUILDING B
(SFB 1005)
ROOF PLAN

DRAWING NUMBER

A1.4



KEYED NOTES

- REMOVE EXISTING ROOFING SYSTEM TO DECK. CLEAN AND PREP DECK AS REQUIRED FOR NEW ROOF - SEE SPECIFICATIONS
- INSTALL NEW ROOFING ON COVER BOARD OVER RIGID INSULATION. TYPICAL - SEE SPECIFICATIONS.
- REMOVE AND REPLACE ALL METAL FLASHINGS, REGLETS, AND COUNTER FLASHINGS - TYPICAL - SEE SPECIFICATIONS.
- PROVIDE NEW FLASHING AT MECHANICAL CURBS. ENSURE CONDENSATE LINES ARE PROPERLY SUPPORTED. REMOVE AND REPLACE DUCT SEALANTS. - SEE SPECIFICATIONS - TYPICAL
- REMOVE EXISTING SLEEPERS UNDER CONDUIT AND PIPE. PROTECT DURING CONSTRUCTION ACTIVITIES. PROVIDE NEW DURA-BLOK SUPPORTS - TYPICAL
- CLEAN EXISTING PARAPET WALLS ON ROOF SIDE. WRAP WALLS 4'-0" HIGH AND UNDER WITH KEE MEMBRANE THAT EXTENDS UP AND OVER NEW TREATED WOOD SLEEPERS. PROVIDE BLOCK FILL AND COAT PARAPET WALLS TALLER THAN 4'-0" TO BOTTOM OF COPING - SEE SPECIFICATIONS
- REMOVE ALL CONSTRUCTION JOINT CAULKING FROM ROOF SIDE OF PARAPET AND REPLACE PER SPECIFICATIONS
- PROVIDE NEW SUMPS AS REQUIRED AT EXISTING SCUPPER LOCATIONS. CLEAR ALL DRAIN LEADERS AND ENSURE PROPER OPERATION - SEE SPECIFICATIONS - TYPICAL
- RAISE DUCT AS REQUIRED FOR PROPER FLASHING - TYPICAL
- PROVIDE NEW TREATED WOOD NAILERS AND METAL COPING CAPS PER SPECIFICATIONS
- PROVIDE NEW SHEET METAL SCUPPERS
- CLEAR SCUPPERS OF DEBRIS AND ENSURE PROPER OPERATION.
- PROVIDE REPAIRS TO LAPS, SEAMS, RIVETS, PENETRATIONS AND OTHERS AS REQUIRED ON METAL ROOFS. VERIFY IN FIELD. SEE SPECIFICATIONS
- PROVIDE REPAIRS AS REQUIRED - VERIFY IN FIELD
- CLEAN ROOF AND PROVIDE NEW COATING - SEE SPECIFICATIONS
- CLEAR ROOF DRAINS AND ENSURE PROPER OPERATION
- PROVIDE NEW CONCRETE SPLASH BLOCKS WHERE REQUIRED.
- NEW CRICKETS - SIZE TO ENSURE PROPER DRAINAGE
- PROVIDE NEW ROOF HATCH PROVIDE SUBMITTAL TO ARCHITECT.
- PROVIDE NEW STEEL ROOF ACCESS LADDER. PROVIDE SHOP DRAWING TO ARCHITECT SEE DETAIL 1/A1.5
- REMOVE ALL MECH EQUIPMENT. PROVIDE NEW ROOFING AND FLASHING. REINSTALL ALL EQUIPMENT ON NEW CURB. PROVIDE MECHANICAL, PLUMBING AND MECHANICAL WORK AS REQUIRED TO REMOVE AND REINSTALL SYSTEM. VERIFY PROPER OPERATION AND STARTS UP.

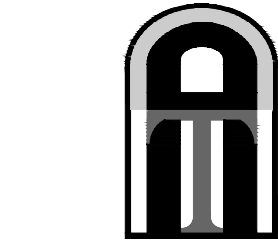
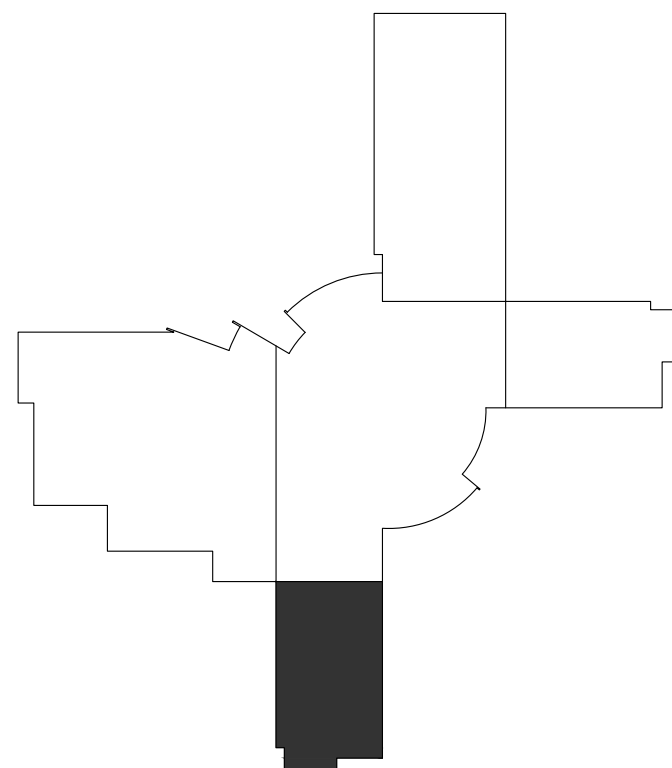
GENERAL NOTES

- A. CONTRACTOR TO REVIEW SPECIFICATIONS PRIOR TO BID. NOTIFY ARCHITECT OF ANY CONFLICTS.
- B. KEYNOTES ARE TYPICAL THROUGHOUT
- C. ANY INCIDENTAL MECHANICAL, PLUMBING OR ELECTRICAL ASSOCIATED WITH ROOFTOP EQUIPMENT SHALL BE PERFORMED BY PROPER LICENSED SUBCONTRACTORS UNDER THIS ROOFING CONTRACT - ALL WORK SHALL BE PERFORMED TO CURRENT CODES
- D. ADJUST EXISTING ELECTRICAL CONDUIT, CONDENSATE AND UTILITY LINES AS REQUIRED FOR NEW ROOF HEIGHT. PROVIDE NEW DURA BLOK SUPPORTS - TYPICAL - SEE SPECIFICATIONS.
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- H. DEMO ALL ABANDONED PITCH PANS. CAP WATER AND POWER

TYPICAL DETAILS THROUGHOUT

3 A2.1 PASSIVE VENT	11 A2.1 ROOF TOP PIPE SUPPORT
6 A2.1 EQUIPMENT SUPPORT	12 A2.1 EXHAUST FAN
9 A2.1 PITCH PAN	13 A2.1 HEAT STACK
8 A2.1 EXPANSION JOINT	17 A2.1 AREA DIVIDER
9 A2.1 PITCH POCKET	18 A2.1 PRE MANUFACTURED SUPPORT CURB
10 A2.1 PIPE PENETRATION	16 A2.1 COPING

REFERENCE PLAN



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PHOENIX, ARIZONA 85013
602.347.5226



WASHINGTON ELEMENTARY
SCHOOL DISTRICT



ROOFING IMPROVEMENTS
WASHINGTON ELEMENTARY SCHOOL DISTRICT
MOON MOUNTAIN ELEMENTARY
13425 NORTH 19TH AVE
PHOENIX, ARIZONA 85029
SFB PROJECT NO.: BRG-DSGN-004100

PROJECT NO.: 21170
DRAWN BY: B. TUTTLE
CHECKED BY: L. LIND
DATE: 8/14/21

NO.	DATE	COMMENT	REVISIONS
1	12/27/22	ADDENDUM 01	

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BUILDING C
(SFB 1006)
ROOF PLAN

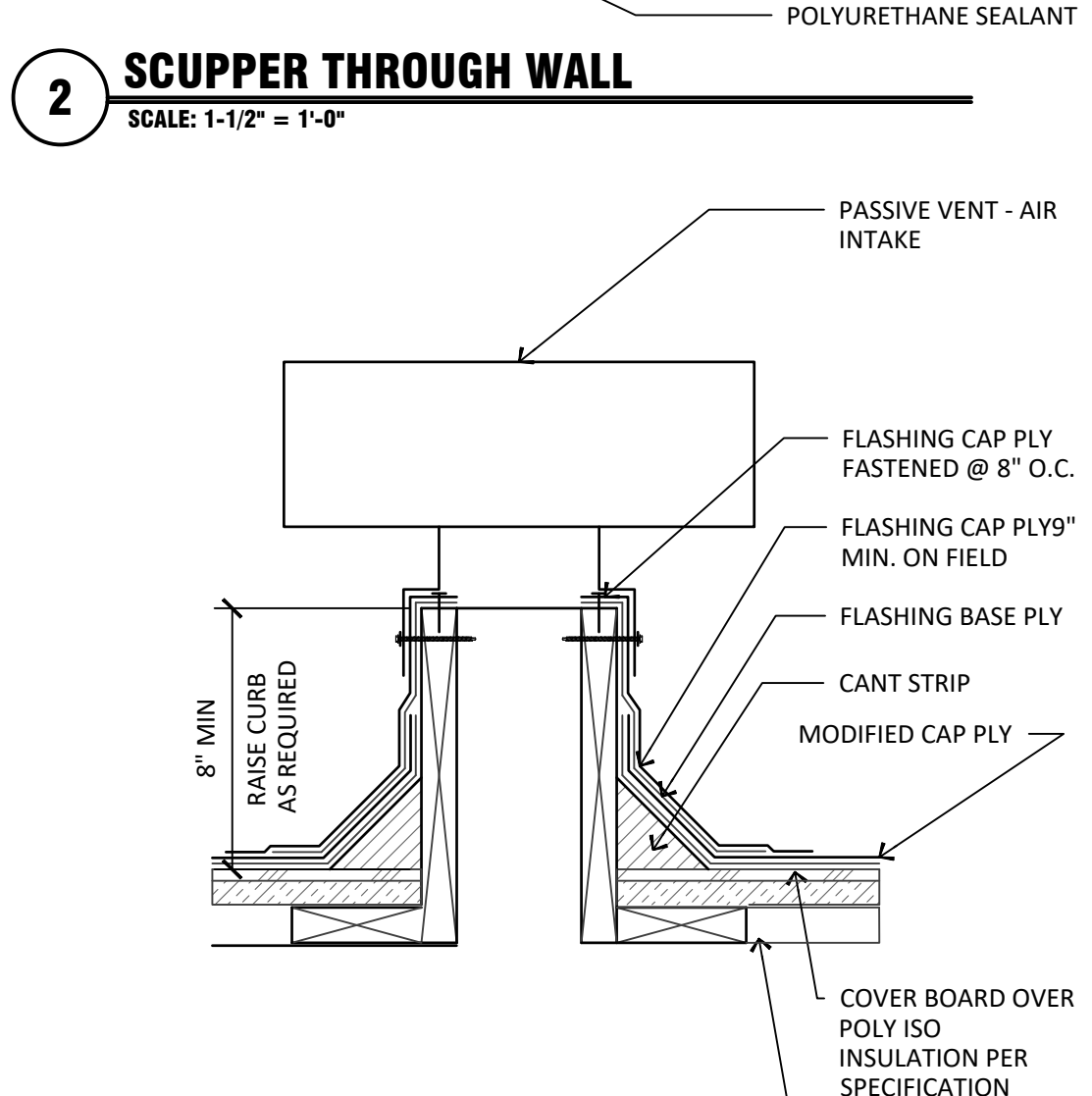
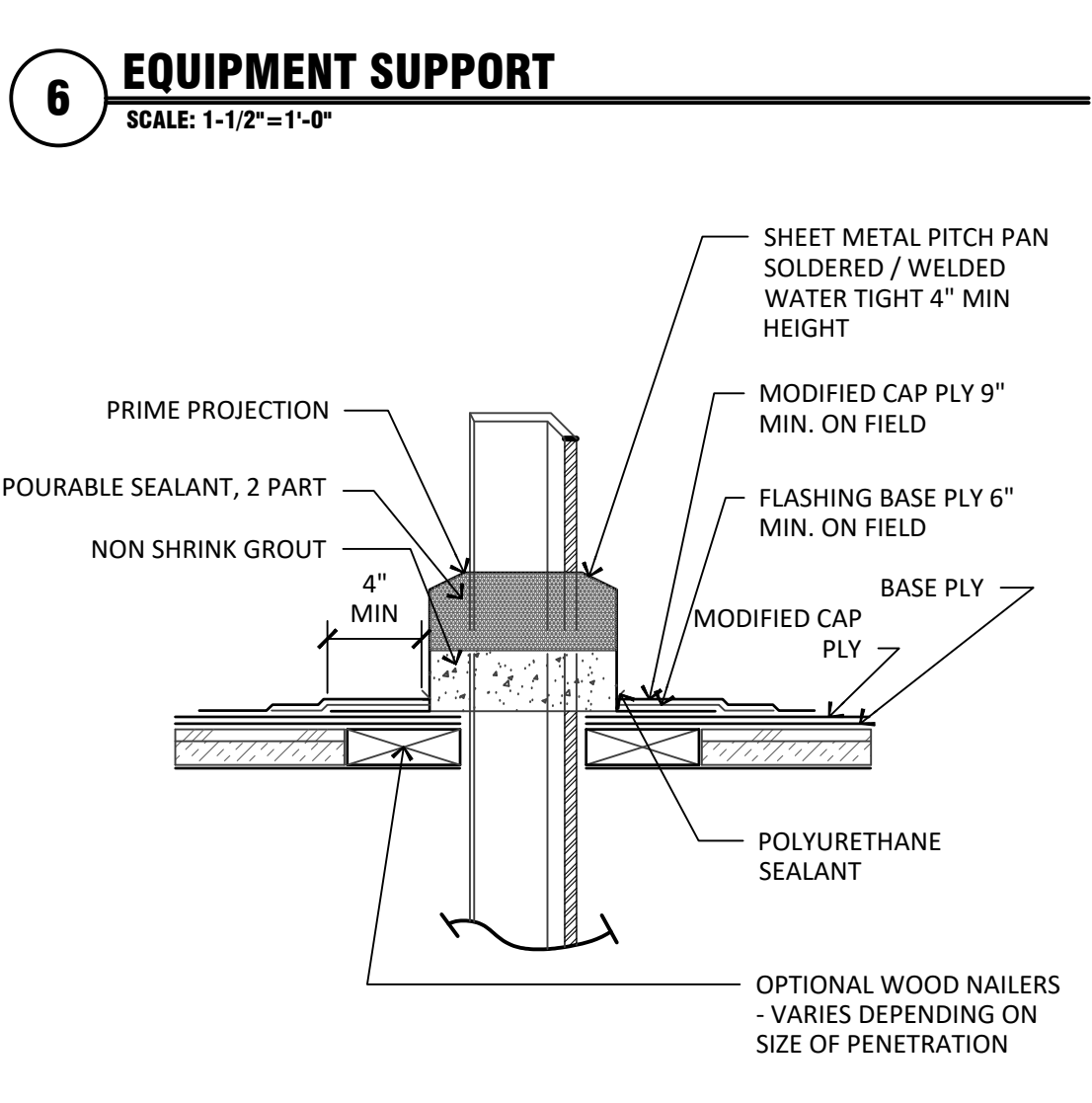
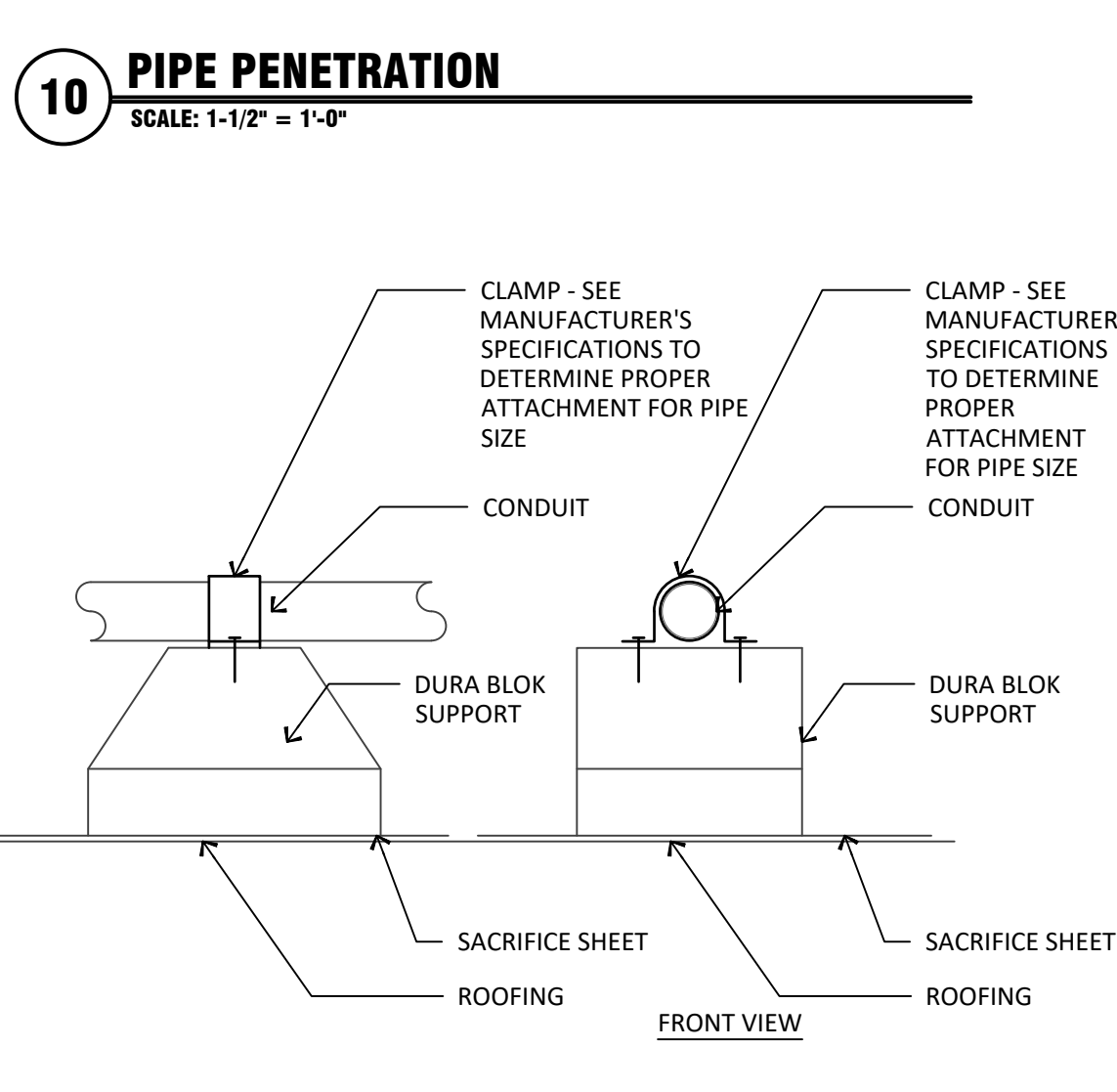
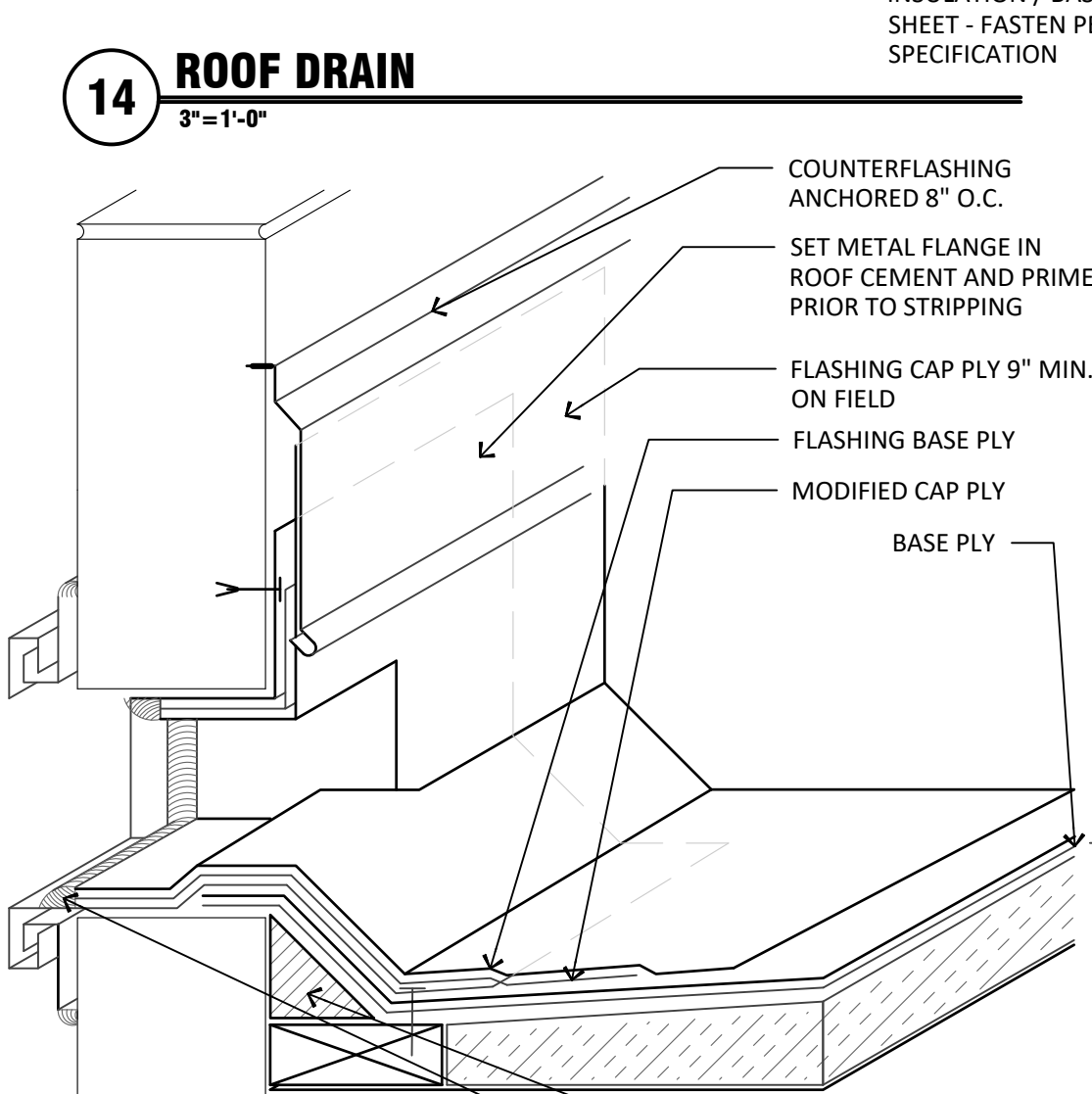
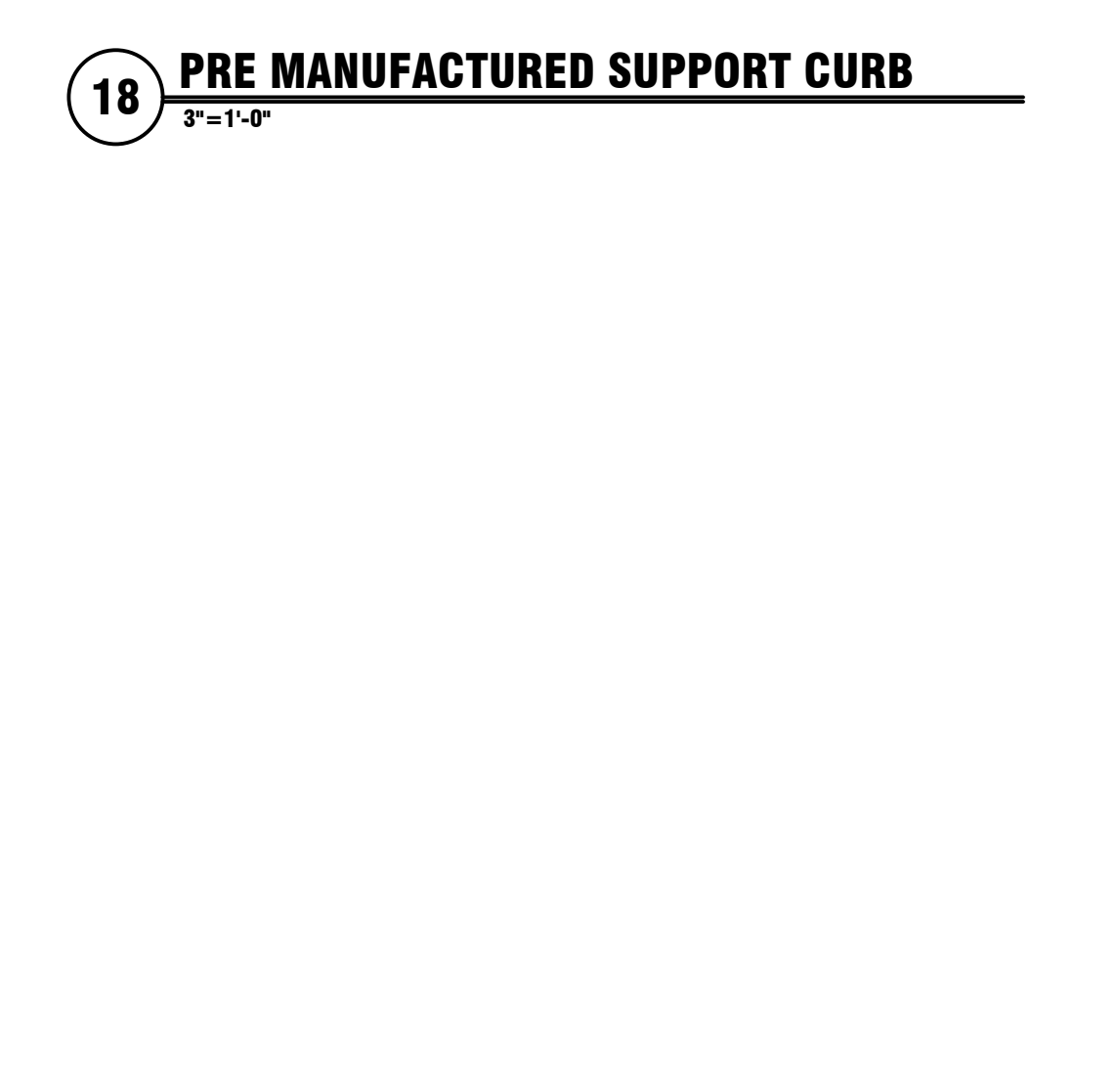
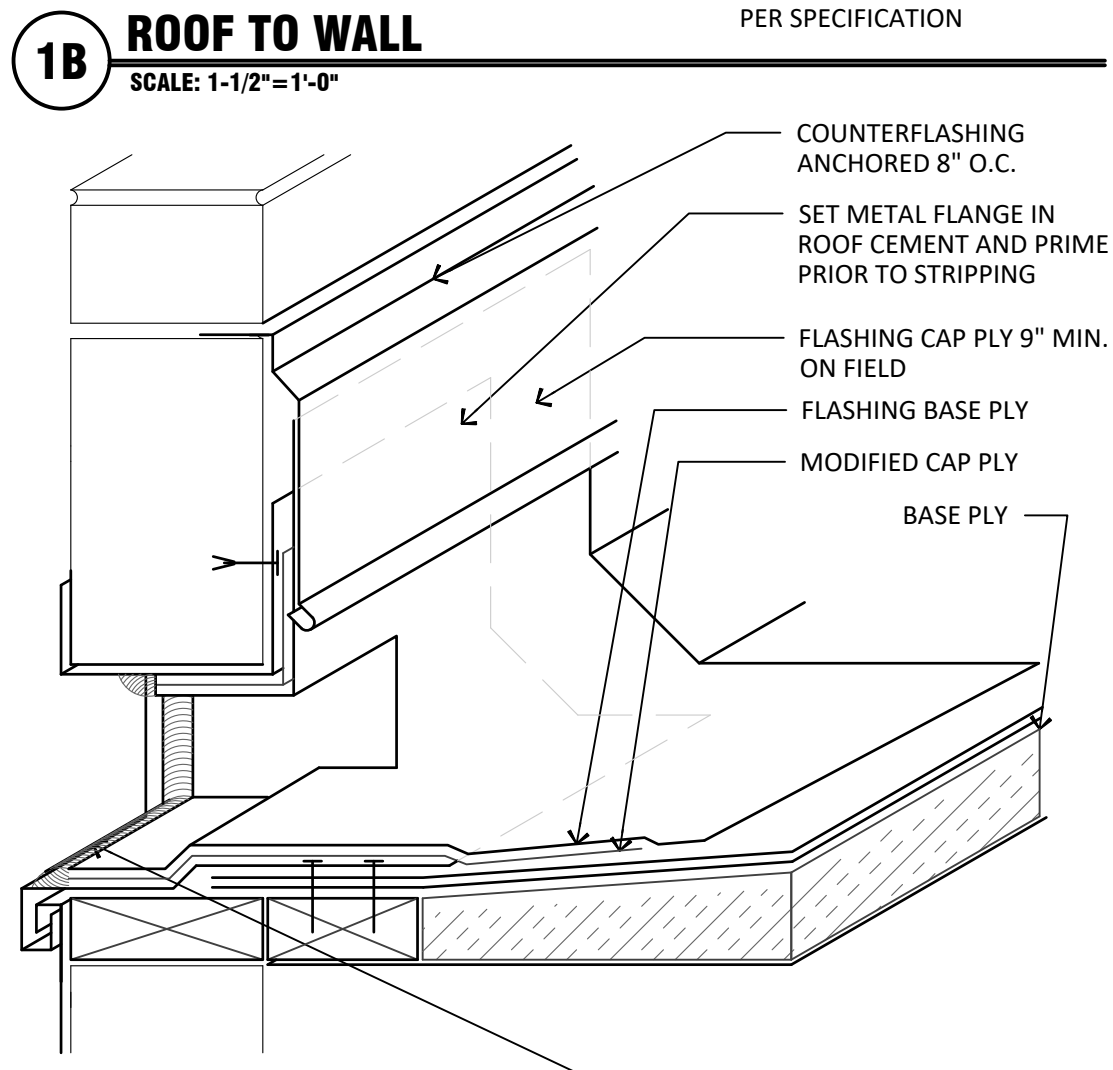
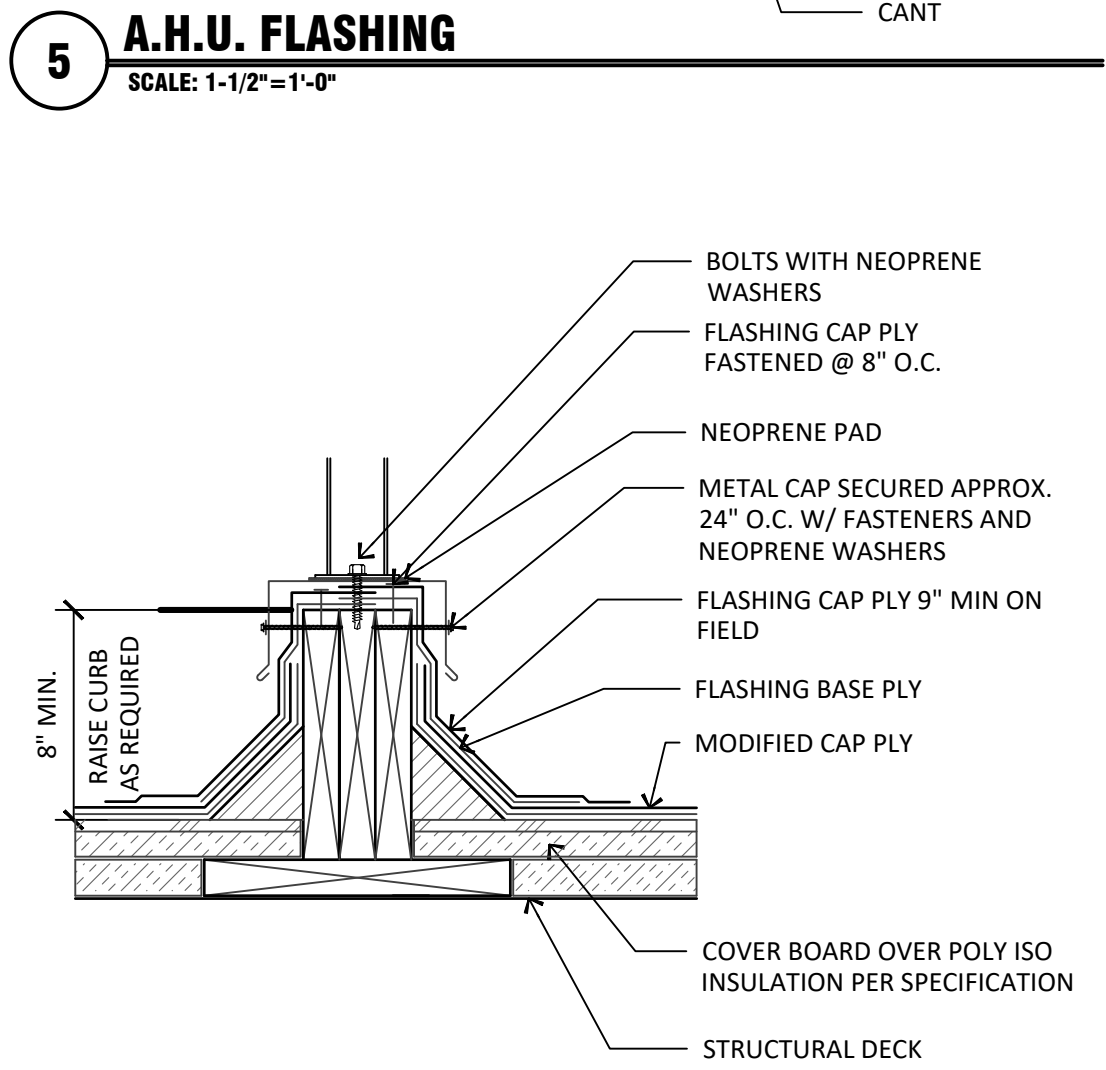
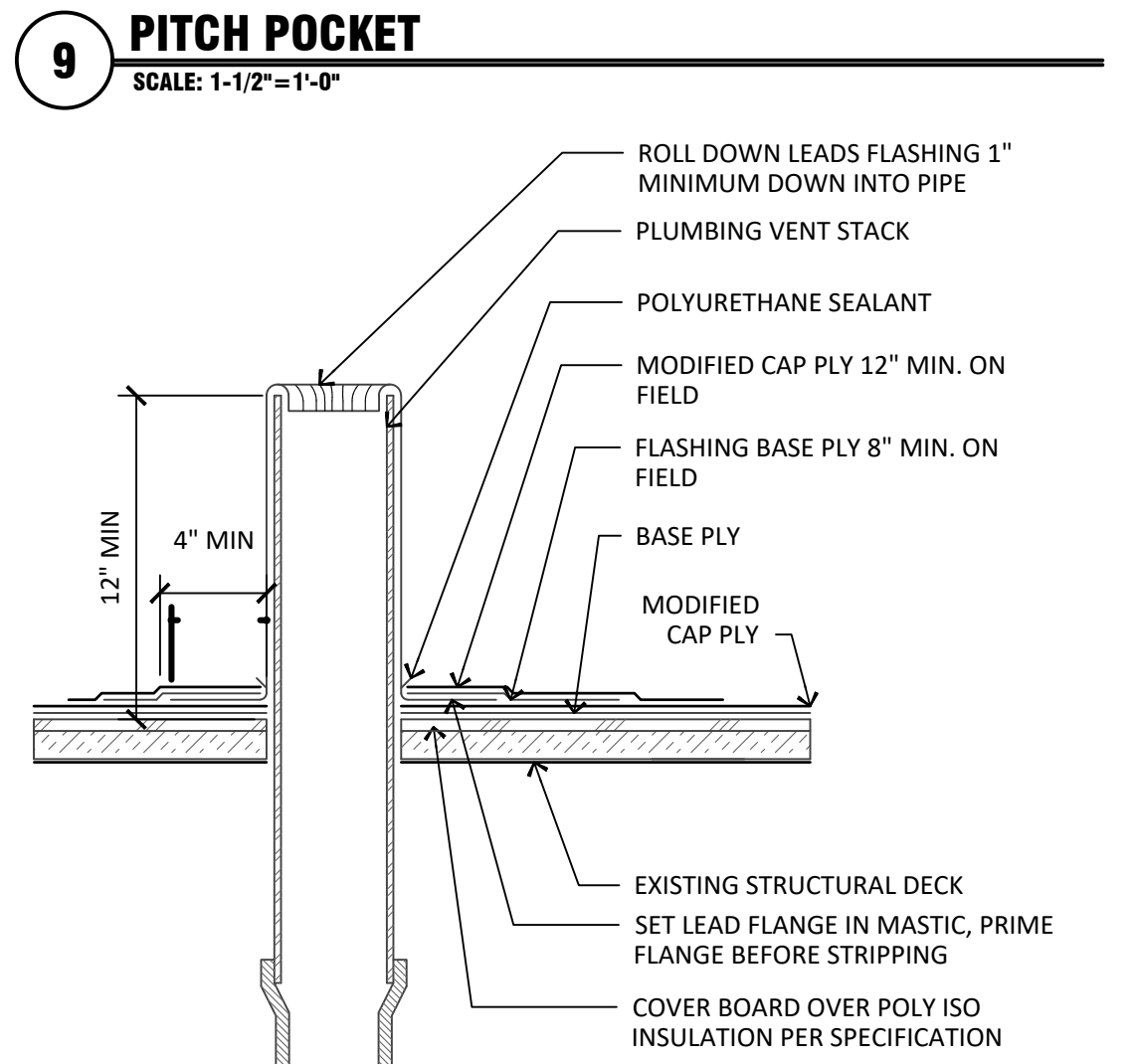
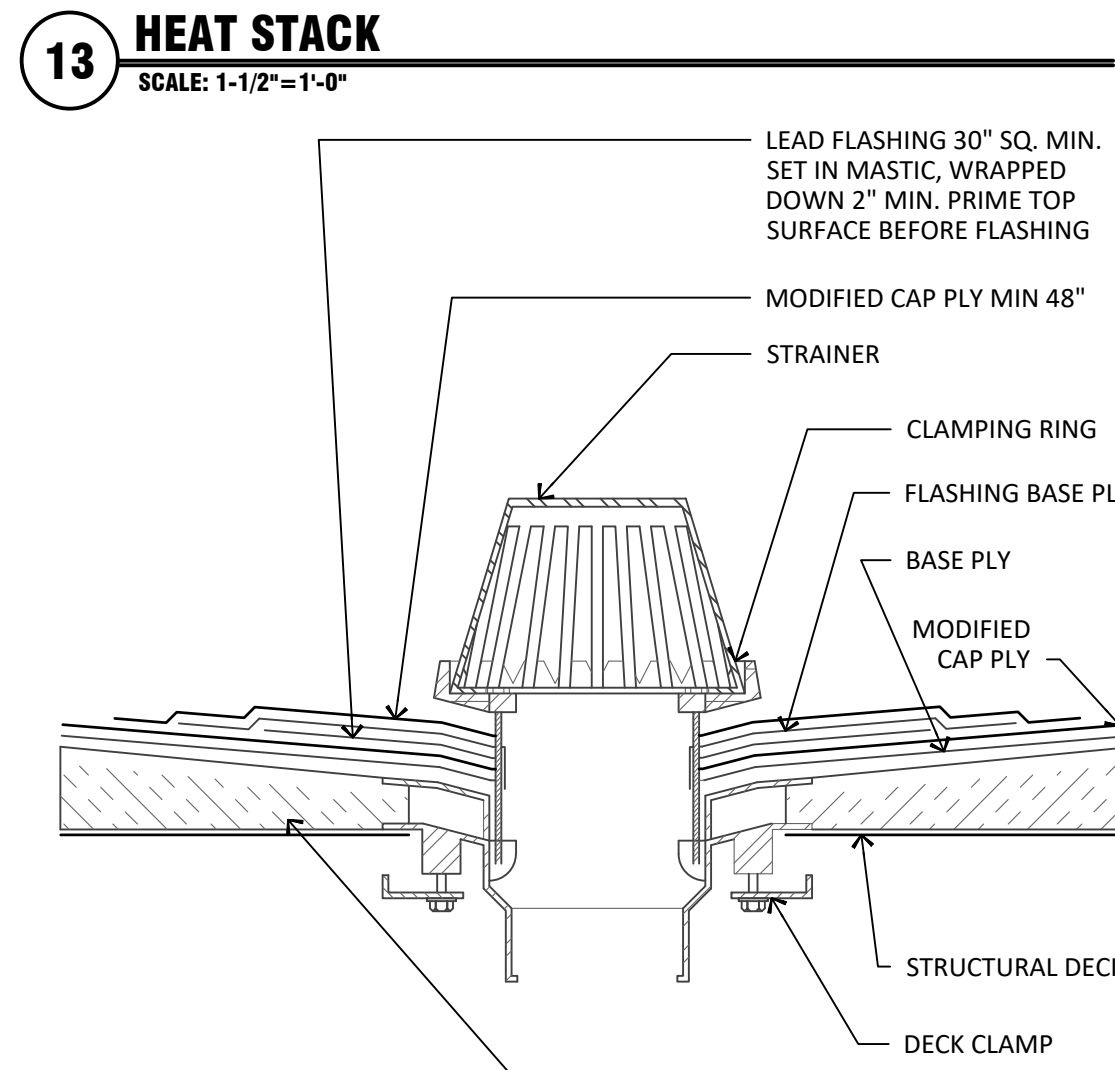
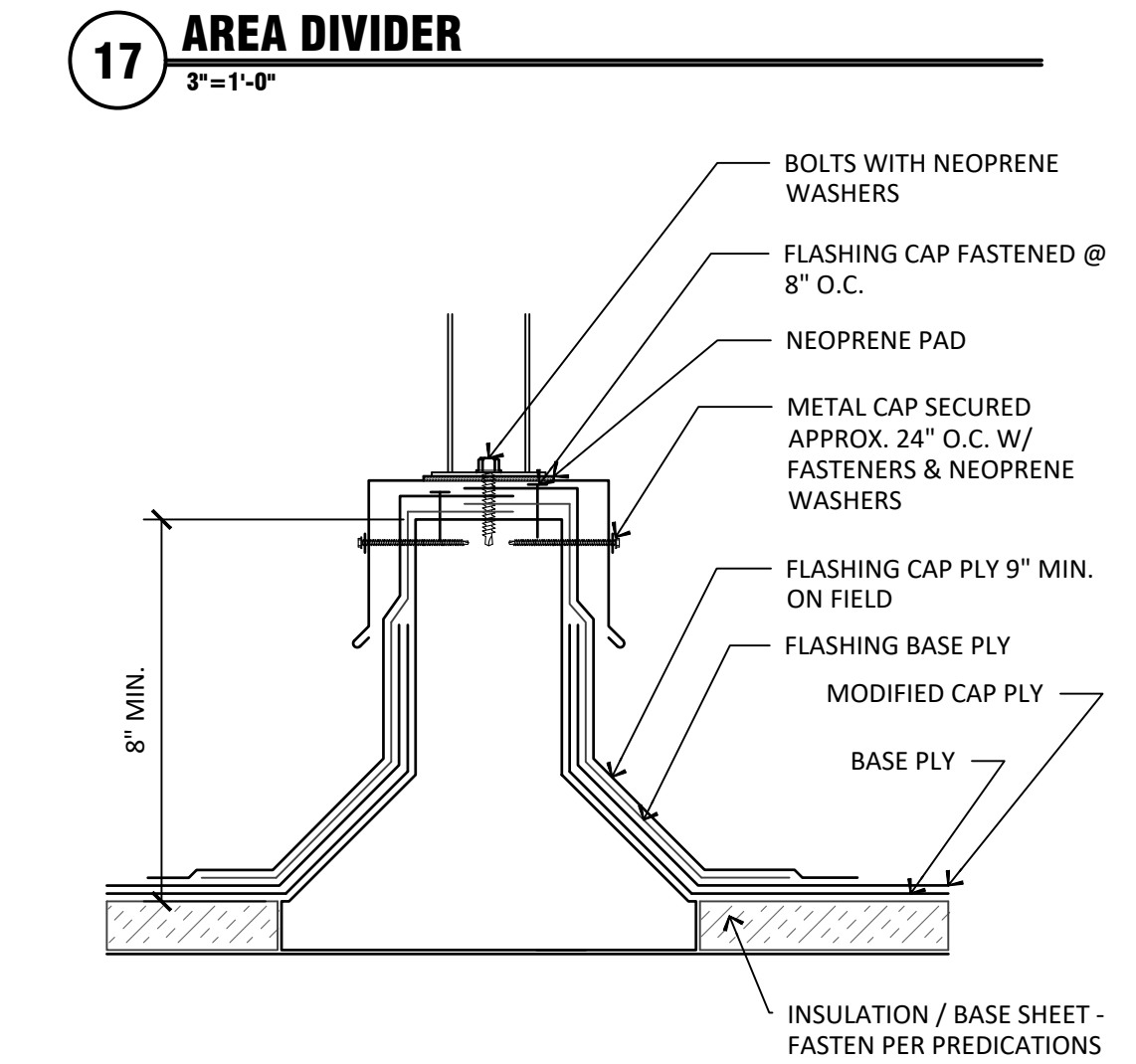
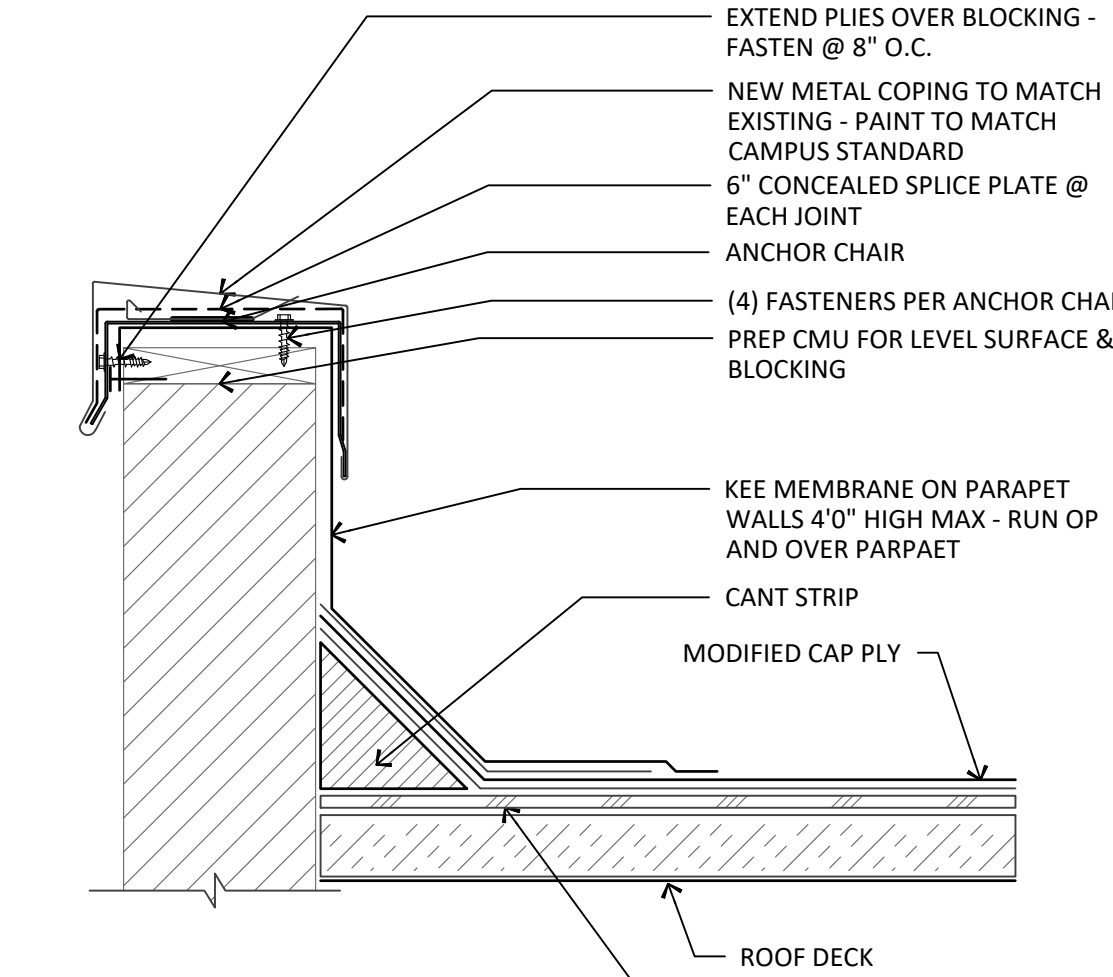
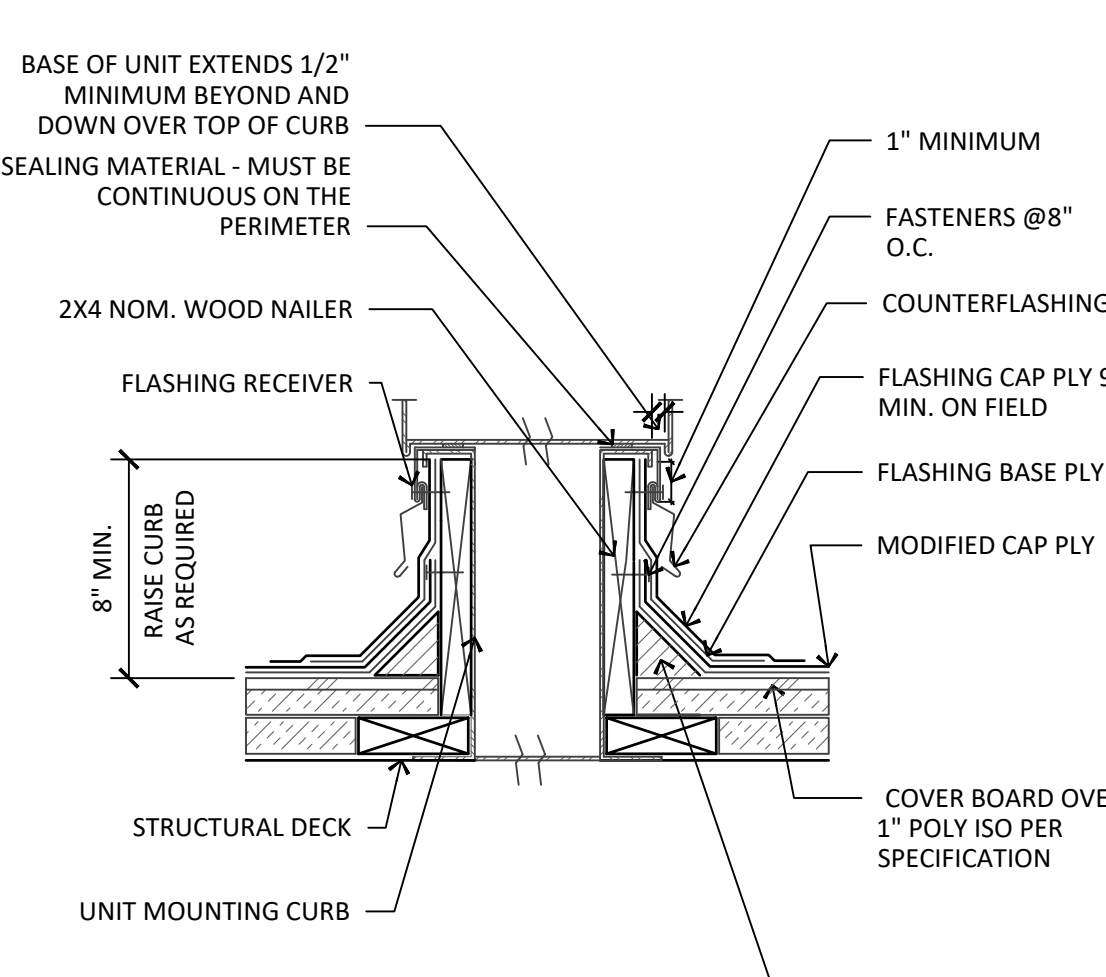
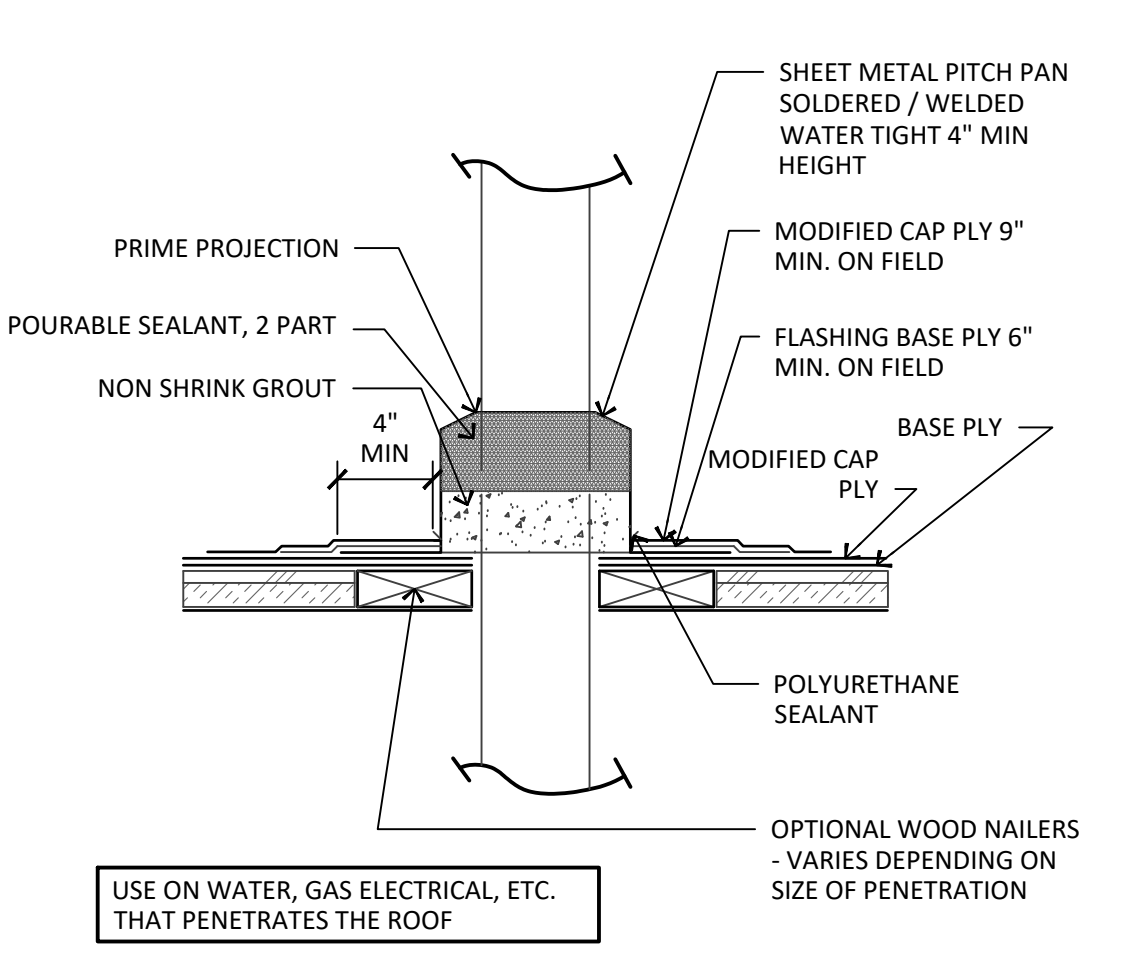
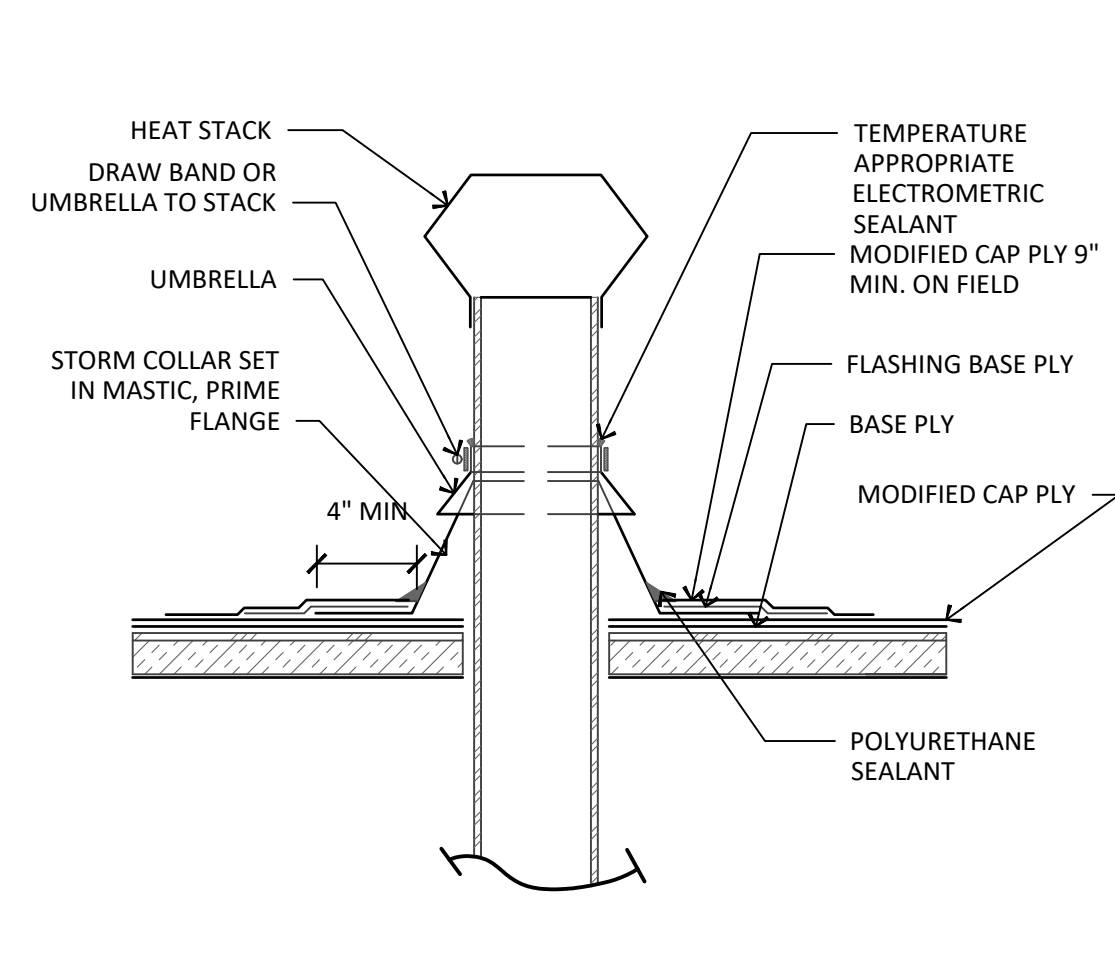
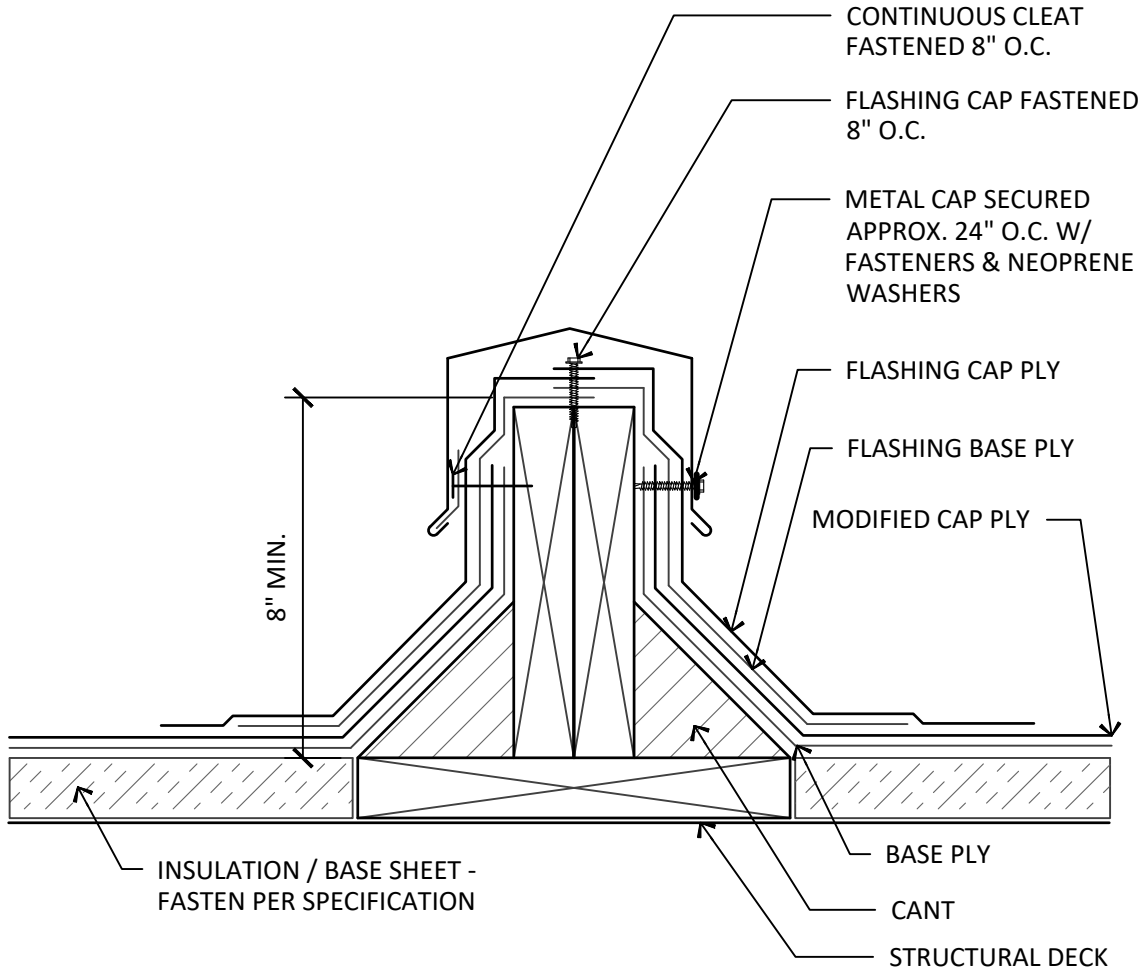
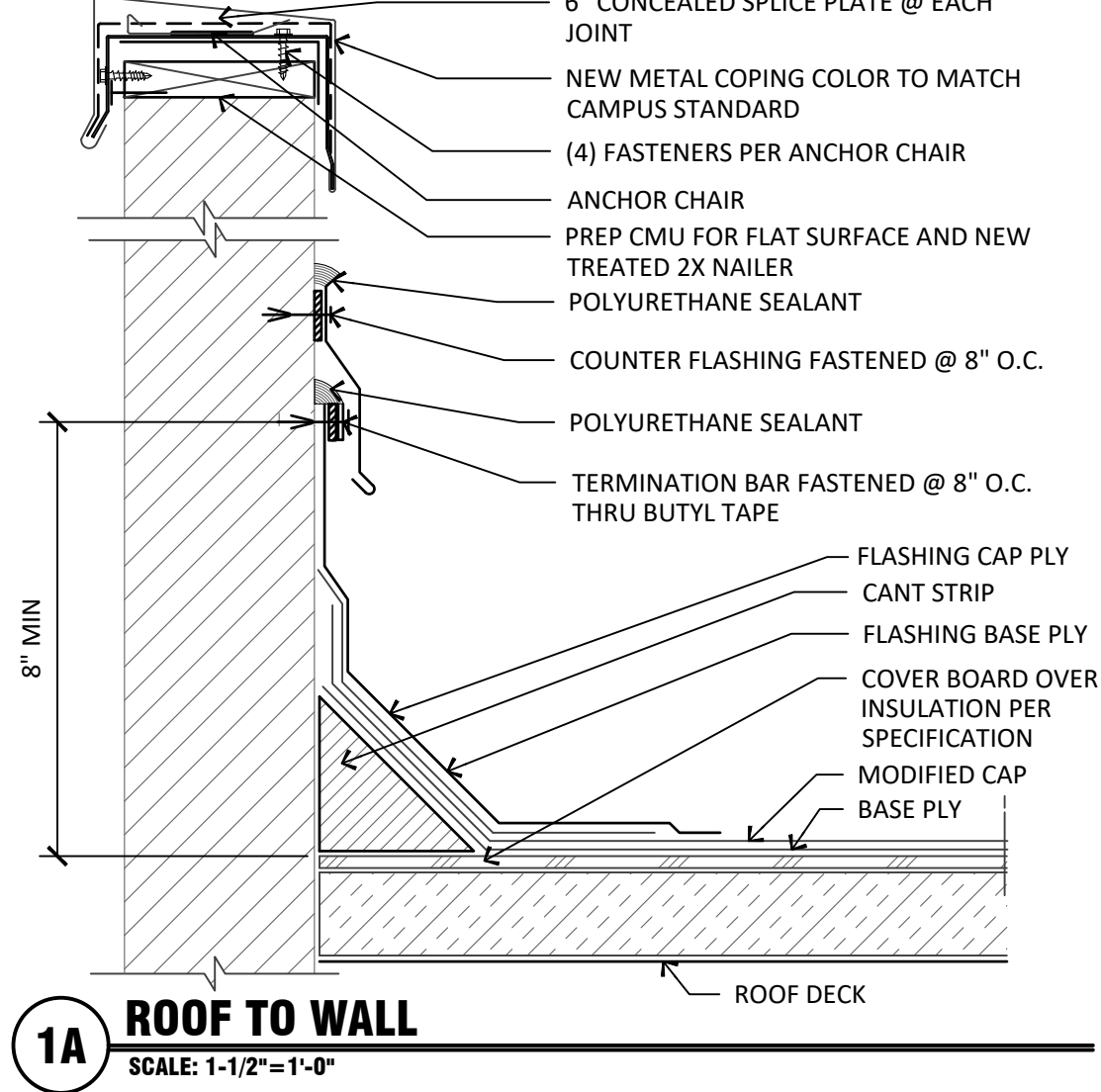
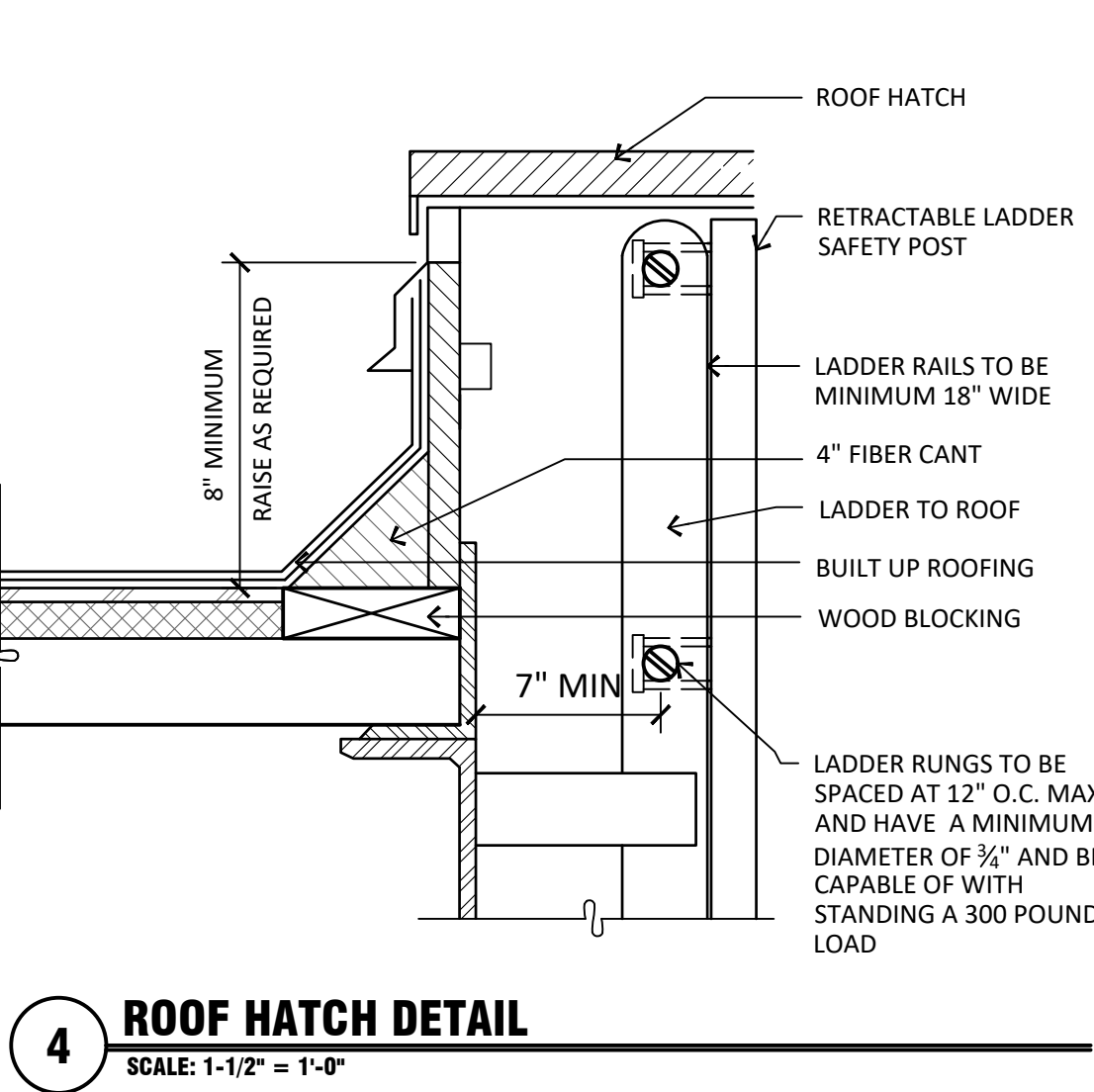
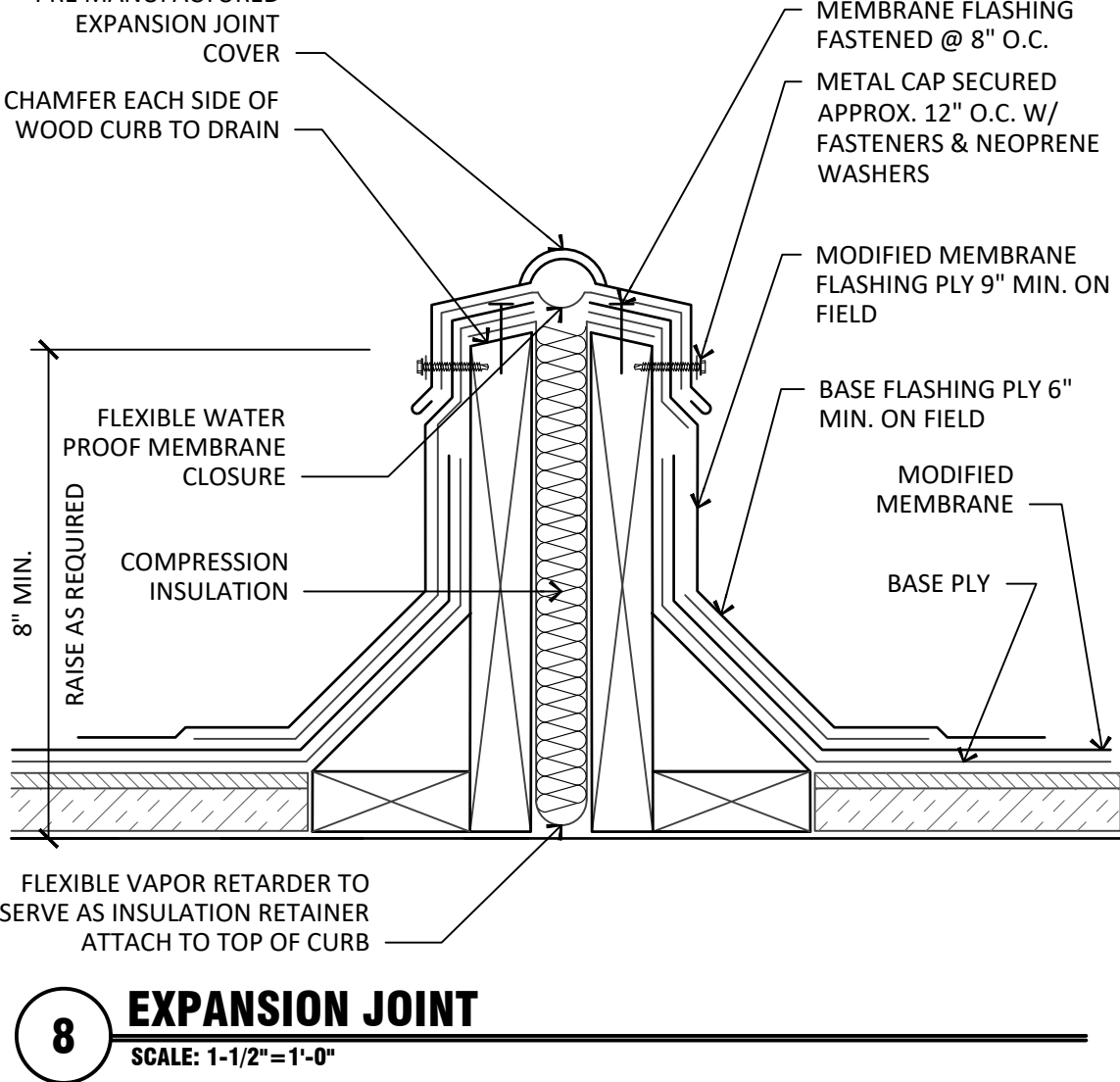
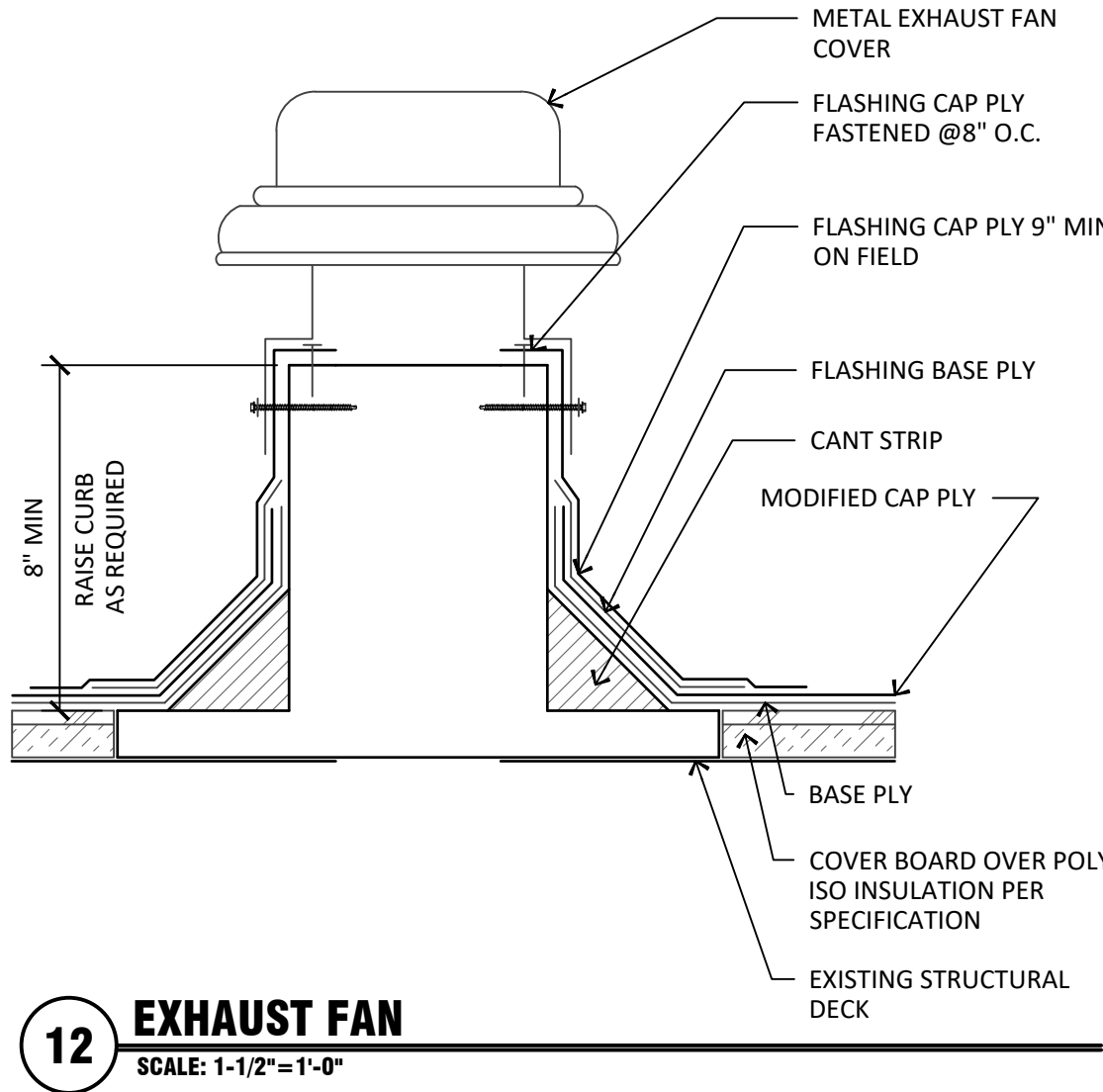
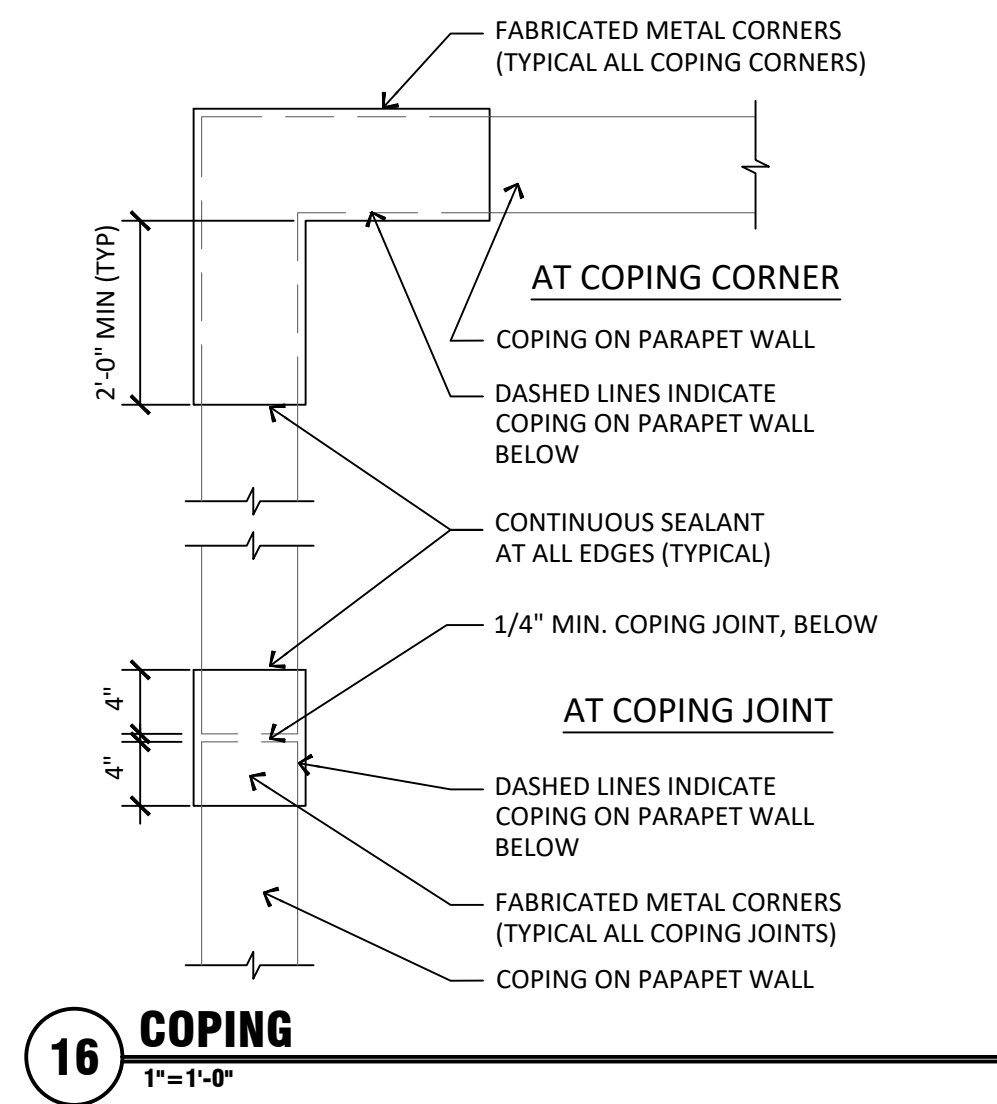
DRAWING NUMBER

A1.5

BUILDING C (SFB 1006) ROOF PLAN

1/8" = 1'-0"





**ROOFING IMPROVEMENTS
WASHINGTON ELEMENTARY SCHOOL DISTRICT
MOON MOUNTAIN ELEMENTARY**
13425 NORTH 19TH AVE
PHOENIX, ARIZONA 85029
SFB PROJECT NO.: BRG-DSGN-004100

PROJECT NO.: 21170
DRAWN BY: B. TUTTLE
CHECKED BY: L. LIND
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1	12/27/22	ADDENDUM 01	

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DRAWING TITLE

ROOF DETAILS

DRAWING NUMBER

A2.1

ADDENDUM: Number 01

DATE: December 27, 2022

TO: Interested Bidders

CLIENT: Washington Elementary School District
Phoenix, Arizona

PROJECT: Ocotillo Elementary School Roofing Improvements

SITE: Ocotillo Elementary School
Phoenix, Arizona

ARCHITECT: Architechnology, Inc.
5229 North 7th Avenue, Suite 101
Phoenix, Arizona 85013

AT PROJECT NO: 21-165



1. INSTRUCTIONS

1. This supplement to Bid Documents is issued prior to the receipt of bids. All Work covered in the supplement shall be included in the original quotation and the Supplement will be considered an integral part of the Contract Documents.
2. All work performed under this Supplement shall be subject to the General Conditions of the Contract and the Specifications for similar work in connection with this Project.



- A. General Items – No changes.
- B. Addendum Drawings. – Change.
 - a. Delete Bid Drawings, dated 10.12.2021 and replace with Addendum No. 01 Drawings, dated 12.27.2022.
- C. Addendum Specifications. – No changes.

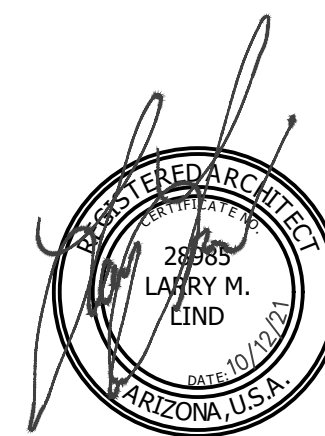


WASHINGTON ELEMENTARY SCHOOL DISTRICT

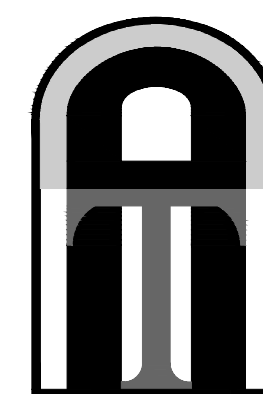


ROOFING IMPROVEMENTS OCOTILLO ELEMENTARY SFB PROJECT NO.: BRG-DSGN-00431

**3225 WEST OCOTILLO ROAD
PHOENIX, ARIZONA 85017**



1 ADDENDUM 01 12-27-2022



ARCHITECHNOLOGY
ARCHITECTURE - ROOF CONSULTING
5229 NORTH 7th AVENUE #101
PHOENIX, ARIZONA 85013
PHONE: 602.347.5226
FAX: 602.234.1561



abbreviations

A.B.	ANCHOR BOLT	I.D.	INSIDE DIAMETER
ACT	ACOUSTICAL CEILING TILE	INSUL.	INSULATION
A.F.F.	ABOVE FINISHED FLOOR	INT.	INTERIOR
AGGR.	AGGREGATE		
AL.	ALUMINUM	JAN.	JANITOR
ALT.	ALTERNATE	JNT.	JOINT
APPROX.	APPROXIMATE	JST.	JOIST
ARCH.	ARCHITECTURAL		
		KIT.	KITCHEN
BD.	BOARD		
BLDG.	BUILDING	LAB.	LABORATORY
BLK.	BLOCK	LAM.	LAMINATE
BLK'G	BLOCKING	LAV.	LAVATORY
BM.	BEAM	LT.	LIGHT
BOT.	BOTTOM		
BTWN.	BETWEEN	MAX.	MAXIMUM
B.U.R.	BUILT UP ROOFING	MECH.	MECHANICAL
B.W.	BOTH WAYS	MEMB.	MEMBRANE
		MFR.	MANUFACTURER
C.J.	CONTROL JOINT	M.H.	MANHOLE
CLG.	CEILING	MIN.	MINIMUM
CLKG.	CAULKING	MISC.	MISCELLANEOUS
CLR.	CLEAR	M.O.	MASONRY OPENING
CMU	CONCRETE MASONRY UNIT	MTL.	METAL
COL.	COLUMN	MUL.	MULLION
CONC.	CONCRETE		
CONSTR.	CONSTRUCTION	N	NORTH
CONT.	CONTINUOUS	N.I.C.	NOT IN CONTRACT
C.T.	CARPET TILE	NO.	NUMBER
		NOM.	NOMINAL
		N.T.S.	NOT TO SCALE
DEG.	DEGREE		
DET. / DETL.	DETAIL	O.C.	ON CENTER
D.F.	DRINKING FOUNTAIN	O.D.	OUTSIDE DIAMETER
DIAG.	DIAGONAL	OH.	OVERHEAD
DIA.	DIAMETER	OPG.	OPENING
DN.	DOWN	OPP.	OPPOSITE
DS.	DOWNSPOUT		
DWG.	DRAWING	PCT.	PRE-CAST
		P.L.	PROPERTY LINE
E	EAST	PLAM.	PLASTIC LAMINATE
(E)	EXISTING	P.	PLASTER
EA.	EACH	PLYWD.	PLYWOOD
E.J.	EXPANSION JOINT	PR.	PAIR
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM		
EL. / ELEV.	ELEVATION	R.	RISER
ELEC.	ELECTRICAL	R.D.	ROOF DRAIN
EMER.	EMERGENCY	RE:	REFER TO
ENCL.	ENCLOSURE	REFR.	REFRIGERATOR
EQ.	EQUAL	REQ'D	REQUIRED
EQUIP.	EQUIPMENT	RM.	ROOM
E.W.	EACH WAY	R.O.	ROUGH OPENING
E.W.C.	ELECTRIC WATER COOLER		
EXP.	EXPANSION	S	SOUTH
EXT.	EXTERIOR	S.C.	SOLID CORE
		SCHED.	SCHEDULE
F.A.	FIRE ALARM	SECT.	SECTION
F.D.	FLOOR DRAIN	S.F.	SQUARE FOOT
F.D.C.	FIRE DEPARTMENT CONNECTION	SHT.	SHEET
F.E.	FIRE EXTINGUISHER	SIM.	SIMILAR
F.E.C.	FIRE EXTINGUISHER CABINET	SPEC.	SPECIFICATION
F.F.	FINISH FLOOR	SQ.	SQUARE
F.H.C.	FIRE HOSE CABINET	S.S.	STAINLESS STEEL
FIN.	FINISH	STAGG.	STAGGERED
F.L.	FLOW LINE	STD.	STANDARD
FLR.	FLOOR	STIFF.	STIFFENER
FLUOR.	FLUORESCENT	STL.	STEEL
FND.	FOUNDATION	STRUC.	STRUCTURAL
F.O.B.	FACE OF BRICK	SUSP.	SUSPENDED
F.O.C.	FACE OF CONCRETE		
F.S.	FULL SIZE	TR.	READ
FT.	FOOT OR FEET	T & B	TOP AND BOTTOM
FTG.	FOOTING	TER.	TERRAZZO
FURR.	FURRING	T & G	TONGUE AND GROOVE
		THK.	THICK
		T/	TOP OF
		TYP.	TYPICAL
GA.	GAUGE	VCT	VINYL COMPOSITION TILE
GALV.	GALVANIZED	VER.	VERIFY
G.C.	GENERAL CONTRACTOR	VERT.	VERTICAL
GL.	GLASS		
GR.	GRADE	W	WEST
GYP.	GYPSUM	W/	WITH
GYP. BD.	GYPSUM BOARD	W.C.	WATER CLOSET
		WD.	WOOD
H.B.	HOSE BIB	W/O	WITHOUT
H.C.	HOLLOW CORE		
H/C	HANDICAPPED		
HDWD.	HARDWOOD		
HDWE.	HARDWARE		
H.M.	HOLLOW METAL		
HR.	HOUR		
HT.	HEIGHT		

reference site plan



NTS

project information

PROJECT NAME:	ROOFING IMPROVEMENTS
OWNER:	WASHINGTON ELEMENTARY SCHOOL DISTRICT 4650 WEST SWEETWATER GLENDALE, AZ 85304 PHONE: 602-347-2600
PROJECT SITE:	OCOTILLO ELEMENTARY SCHOOL 3225 WEST CACTUS PHOENIX, AZ 85017
ARCHITECT:	ARCHITECTHNOLOGY INC. LARRY M. LIND, A.I.A. PRINCIPAL ARCHITECT / ROOF CONSULTANT 5229 N. 7TH AVE. STE 101 PHOENIX, ARIZONA 85013 P (602) 347-5226 F (602) 234-1561

washington elementary school district

GOVERNING BOARD:	BOARD PRESIDENT - BILL ADAMS
	VICE PRESIDENT - NIKKIE WHALEY
	BOARD MEMBER - JENNI ABBOTT-BAYARDI
	BOARD MEMBER - TEE LAMBERT
	BOARD MEMBER - LINDSEY PETERSON
SUPERINTENDENT:	DR. PAUL STANTON

applicable codes

city of phoenix

ALL CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING BUILDING CODES AND AMENDMENTS PER THEIR ADOPTING ORDINANCES:

2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL EXISTING BUILDING CODE
2018 INTERNATIONAL RESIDENTIAL CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2017 NATIONAL ELECTRICAL CODE
2018 UNIFORM PLUMBING CODE
2018 INTERNATIONAL SWIMMING POOL AND SPA CODE

sheet index

G0.0 COVER SHEET
G1.1 PROJECT INFORMATION / REFERENCE SITE PLAN

A1.0 OVERALL ROOF PLAN
A1.1 BUILDING E (SFB 1017) ROOF PLAN
A1.2 BUILDING A (SFB 1013) ROOF PLAN
A1.3 BUILDING D (SFB 1016) ROOF PLAN
A1.4 BUILDING B (SFB 1014) ROOF PLAN
A1.5 BUILDING C (SFB 1015) ROOF PLAN
A2.1 DETAILS

general notes

- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, LAWS, AND ORDINANCES HAVING JURISDICTION ON THIS PROJECT.
- ALL OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND RESOLVED PRIOR TO PROCEEDING WITH ANY CONSTRUCTION SO INVOLVED.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, CLEARANCES, AND CONDITIONS. ANY DISCREPANCIES OR CONFLICTS SHALL BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
- WE CERTIFY TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DESIGN OF THIS PROJECT COMPLIES WITH THE APPLICABLE PROVISIONS & REQUIREMENTS OF SECTION 34-4-1 TO 34-411 INCLUSIVE OF THE STATUTES OF THE STATE OF ARIZONA.
- AS PER THE SPECIFICATION SECTION FOR PROJECT CLOSE-OUT, THE ARCHITECT WILL ISSUE A "CERTIFICATE OF SUBSTANTIAL COMPLETION OF THE PROJECT WORK".
- ANY FUTURE CHANGE OR REVISIONS TO THESE PLANS SHALL BE SUBMITTED TO THE CITY FOR REVIEW, AND APPROVAL PRIOR TO COMMENCING ANY WORK.
- ALL CHANGES AND/OR REVISIONS SHALL BE NOTED ON THE PLANS BY "DELTA" INDICATING THE NUMBER OF TIMES THE CHANGES OCCUR. IN ADDITION, THE DATE OF THESE CHANGES OR REVISIONS SHALL BE INDICATED. THIS DATA SHALL ALSO BE PLACED IN THE TITLE BLOCK, IN AN APPROPRIATE BULLETIN OR SCHEDULE.
- SEE SPECIFICATIONS FOR PRIOR APPROVALS. IF NO PRIOR APPROVAL IS SUBMITTED THEN BID MUST BE TO ROOF MANUFACTURE SPECIFIED AS "BASIS OF DESIGN"

roofing general notes

- ALL NEW ROOF PENETRATIONS TO BE FULLY WATER TIGHT. REPAIR EXISTING METAL FLASHING/FASCIA AS REQUIRED. REFER TO DETAILS.
- ROOF AREA NUMBERS ARE SHOWN FOR ROOF AREA LOCATION COMMUNICATION PURPOSES ONLY.
- ALL MECHANICAL UNITS, EXHAUST FANS, MECHANICAL EQUIPMENT, ETC. MOUNTED ON ROOF SHALL BE PROVIDED WITH CRICKETING AS REQUIRED TO PROVIDE POSITIVE ROOF DRAINAGE, TYPICAL.
- VERIFY ALL ROOF DECK CONDITIONS PRIOR TO ANY ROOFING ACTIVITIES.
- COORDINATE ALL MECHANICAL ROOF MOUNTED EQUIPMENT FOR PROPER CURB REQUIREMENTS AND PENETRATION OPENINGS SO THAT PROPER FLASHING MAY BE INSTALLED AS TO CONFORM WITH THE MANUFACTURER'S STANDARD DETAILS / INSTALLATION REQUIREMENTS.
- NOT ALL PENETRATIONS MAY BE INDICATED. CONTRACTOR TO FIELD VERIFY. FOR TYPICAL VENT AND PIPE PENETRATIONS THROUGH ROOF MEMBRANE, SEE TYPICAL DETAILS
- REFER TO PLANS FOR LOCATIONS OF NEW COPING, GUTTERS, AND ASSOCIATED DETAILS.
- ALL SHEET METAL FABRICATIONS TO COMPLY WITH THE LATEST SMACNA ARCHITECTURAL SHEET METAL MANUAL - TYPICAL.
- REMOVE ALL EXISTING PARAPET WALL REGLETS (U.N.O.) EXISTING PARAPET WALL COUNTER FLASHING AT REGLET TO BE REMOVED FOR INSTALLATION OF NEW ROOF MEMBRANE. INSTALL NEW COUNTER FLASHING AS REQUIRED TO CONFORM WITH MANUFACTURES ROOF WARRANTY. PAINT ALL REGLETS AND COUNTER FLASHING COLOR TO MATCH ADJACENT PARAPET WALLS.
- MECHANICAL UNITS, EQUIPMENT, VENTS, ETC. SHOWN ARE DIAGRAMMATIC. THEY ARE NOT TO SCALE AND THE LOCATIONS ARE APPROXIMATE. NOT ALL ROOFING PENETRATIONS HAVE BEEN SHOWN. CONTRACTOR TO FIELD VERIFY QUANTITIES, SIZES, AND LOCATIONS OF MECHANICAL AND ELECTRICAL PENETRATIONS PRIOR TO BIDDING. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL ROOFING PENETRATIONS NOT INDICATED ON DRAWINGS.
- CONTRACTOR IS RESPONSIBLE TO VISIT SITE TO ASCERTAIN THE FULL EXTENT OF THE WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO ASCERTAIN FULL EXTENT OF THE WORK REQUIRED THROUGH VISUAL INSPECTION OF EXISTING CONDITIONS AND THAT DETAILED AND SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
- ROOF SLOPED INDICATED ARE APPROXIMATE. CONTRACTOR TO VERIFY IF SLOPE IS PROVIDED IN THE STRUCTURE OF BUILDING OR IF TAPERED INSULATION WILL BE REQUIRED TO PROVIDE SLOPE
- CONTRACTOR TO PROVIDE WARRANTED WATER TIGHT ROOF CONSTRUCTION AND FLASHING AT ALL NEW ROOFING INSTALLATIONS EXCEPT AT EXISTING ROOFING TO REMAIN. CONTRACTOR TO VISUALLY INSPECT ALL METAL COPING TO REMAIN FOR POTENTIAL SOURCES OF LEAKS AND PROVIDE REPORT TO ARCHITECT FOR REVIEW.
- CONTRACTOR IS RESPONSIBLE FOR INSPECTING INTERIOR ROOF LEADERS TO ENSURE THAT THEY ARE NOT LEAKING. IF LEAKS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ARCHITECT.



ArchitecthnoLOGY
ARCHITECTURE - FACILITIES - C.M.
5229 N. 7th AVE. #101
PHOENIX, ARIZONA 85013
602.347.5226



WASHINGTON ELEMENTARY
SCHOOL DISTRICT



ROOFING IMPROVEMENTS
WASHINGTON ELEMENTARY SCHOOL DISTRICT
OCOTILLO ELEMENTARY SCHOOL
3225 WEST OCOTILLO
PHOENIX, ARIZONA 85017
SFB PROJECT NO.: BRG-DDSGN-00431

PROJECT NO.: 21165
DRAWN BY: D. LIND
CHECKED BY: L. LIND
DATE: 10/12/21

REVISIONS		
NO.	DATE	COMMENT
1	12/27/22	ADDENDUM 01

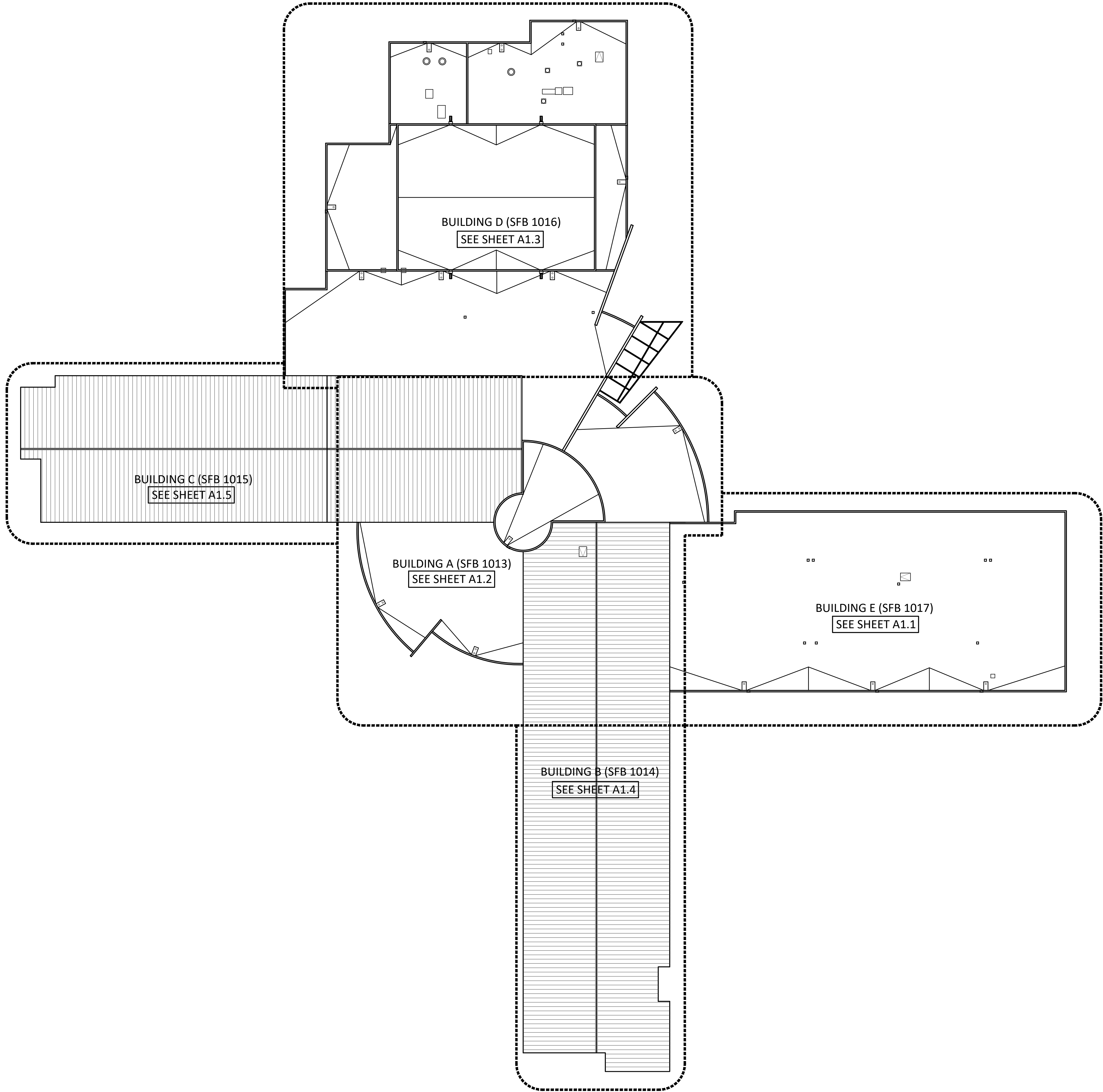
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REFERENCE SITE PLAN

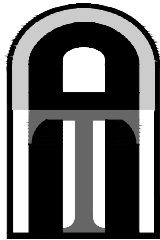
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OCOTILLO OVERALL ROOF PLAN

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602.347.5226



WASHINGTON ELEMENTARY
SCHOOL DISTRICT



ROOFING IMPROVEMENTS

WASHINGTON ELEMENTARY SCHOOL DISTRICT

OCOTILLO ELEMENTARY SCHOOL

3225 WEST OCOTILLO
PHOENIX, ARIZONA 85017

SFB PROJECT NO.: BRG-DDSGN-00431

PROJECT NO.: 21165

DRAWN BY: D. LIND

CHECKED BY: L. LIND

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DRAWING TITLE

OCOTILLO OVERALL

ROOF PLAN

DRAWING NUMBER

A1.0

1. REMOVE EXISTING ROOFING SYSTEM TO DECK, CLEAN AND PREP DECK AS REQUIRED FOR NEW ROOFING. - SEE SPECIFICATIONS.
2. INSTALL NEW ROOFING ON COVER BOARD OVER RIGID INSULATION. TYPICAL - SEE SPECIFICATIONS.
3. REMOVE AND REPLACE ALL METAL FLASHINGS, REGLETS, AND COUNTER FLASHINGS - TYPICAL - SEE SPECIFICATIONS.
4. PROVIDE NEW FLASHING AT MECHANICAL CURBS, ENSURE CONDENSATE LINES ARE PROPERLY SUPPORTED. REMOVE AND REPLACE DUCT SEALANTS. - SEE SPECIFICATIONS - TYPICAL
5. REMOVE EXISTING SLEEPERS UNDER CONDUIT AND PIPE. PROTECT DURING CONSTRUCTION ACTIVITIES. PROVIDE NEW DURA-BLOK SUPPORTS - TYPICAL
6. CLEAN EXISTING PARAPET WALLS ON ROOF SIDE. VERIFY WALLS 4'-0" HIGH AND UNDER WITH KEE MEMBRANE THAT EXTENDS UP AND OVER NEW TREATED WOOD SLEEPERS. PROVIDE BLOCK FILL AND 180° PARAPET W/SLT TALLER THAN 4'-0" TO BOTTOM OF COPING - SEE SPECIFICATIONS
7. REMOVE ALL CONSTRUCTION JOINT CAULKING FROM ROOF SIDE OF PARAPET AND REPLACE PER SPECIFICATIONS
8. PROVIDE NEW PUMPS AS REQUIRED AT EXISTING SCUPPER LOCATIONS. CLEAR ALL DRAIN LEADERS AND ENSURE PROPER OPERATION - SEE SPECIFICATIONS - TYPICAL
9. RAISE DUCT AS REQUIRED FOR PROPER FLASHING - TYPICAL
10. PROVIDE NEW TREATED WOOD NAILERS AND METAL COPING CAPS PER SPECIFICATIONS
11. PROVIDE NEW SHEET METAL SCUPPERS
12. CLEAR SCUPPERS OF DEBRIS AND ENSURE PROPER OPERATION.
13. PROVIDE REPAIRS TO LAPS, SEAMS, RIVETS, PENETRATIONS AND OTHERS AS REQUIRED ON ROOFING. VERIFY IN FIELD. SEE SPECIFICATIONS
14. PROVIDE REPAIRS AS REQUIRED - VERIFY IN FIELD
15. CLEAN ROOF AND PROVIDE NEW COATING - SEE SPECIFICATIONS
16. CLEAR ROOF DRAINS AND ENSURE PROPER OPERATION
17. PROVIDE NEW CONCRETE SPLASH BLOCKS WHERE REQUIRED.
18. NEW CRICKETS - SIZE TO ENSURE PROPER DRAINAGE
19. PROVIDE NEW ROOF HATCH PROVIDE SUBMITTAL TO ARCHITECT.
20. PROVIDE NEW STEEL ROOF ACCESS LADDER PROVIDE SHOP DRAWING TO ARCHITECT SEE DETAIL 1/4/1.5
21. REMOVE ALL MECH EQUIPMENT. PROVIDE NEW ROOFING AND FLASHING. REINSTALL ALL EQUIPMENT ON NEW CURB. PROVIDE MECHANICAL, PLUMBING AND MECHANICAL WORK REQUIRED TO REMOVE AND REINSTALL SYSTEM. VERIFY PROPER OPERATION AND STARTS UP.

- A. CONTRACTOR TO REVIEW SPECIFICATIONS PRIOR TO BID. NOTIFY ARCHITECT OF ANY CONFLICTS.
- B. KEYNOTES ARE TYPICAL THROUGHOUT
- C. ANY INCIDENTAL MECHANICAL, PLUMBING OR ELECTRICAL ASSOCIATED WITH ROOFTOP EQUIPMENT SHALL BE PERFORMED BY PROPER LICENSED SUBCONTRACTORS UNDER THIS ROOFING CONTRACT - ALL WORK SHALL BE PERFORMED TO CURRENT CODES
- D. ADJUST EXISTING ELECTRICAL CONDUIT, CONDENSATE AND UTILITY LINES AS REQUIRED FOR NEW HEIGHT. PROVIDE NEW DURA BLOK SUPPORTS - TYPICAL - SEE SPECIFICATIONS.
- E. REMOVE EXISTING LOW VOLTAGE WIRE AND REINSTALL AFTER ROOF REPLACEMENT
- F. REMOVE AND PATCH ALL ABANDONED OPENINGS. NOTIFY ARCHITECT IF OPENING IS WIDER THAN 12" X 12"
- G. REMOVE AND REPLACE EXISTING LIGHTING RECEPTION SYSTEM. NEW SYSTEM TO BE CERTIFIED
- H. DEMO ALL ABANDONED PITCH PANS. CAP WATER AND POWER

3 A2.1	PASSIVE VENT	11 A2.1	ROOF TOP PIPE SUPPORT
6 A2.1	EQUIPMENT SUPPORT	12 A2.1	EXHAUST FAN
9 A2.1	PITCH PAN	13 A2.1	HEAT STACK
8 A2.1	EXPANSION JOINT	17 A2.1	AREA DIVIDER
9 A2.1	PITCH POCKET	18 A2.1	PRE MANUFACTURED SUPPORT CURB
10 A2.1	PIPE PENETRATION	16 A2.1	COPING



**ROOFING IMPROVEMENTS
WASHINGTON ELEMENTARY SCHOOL DISTRICT
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3225 WEST OCOTILLO
PHOENIX, ARIZONA 85017
SFB PROJECT NO.: BRG-DDSGN-00431**

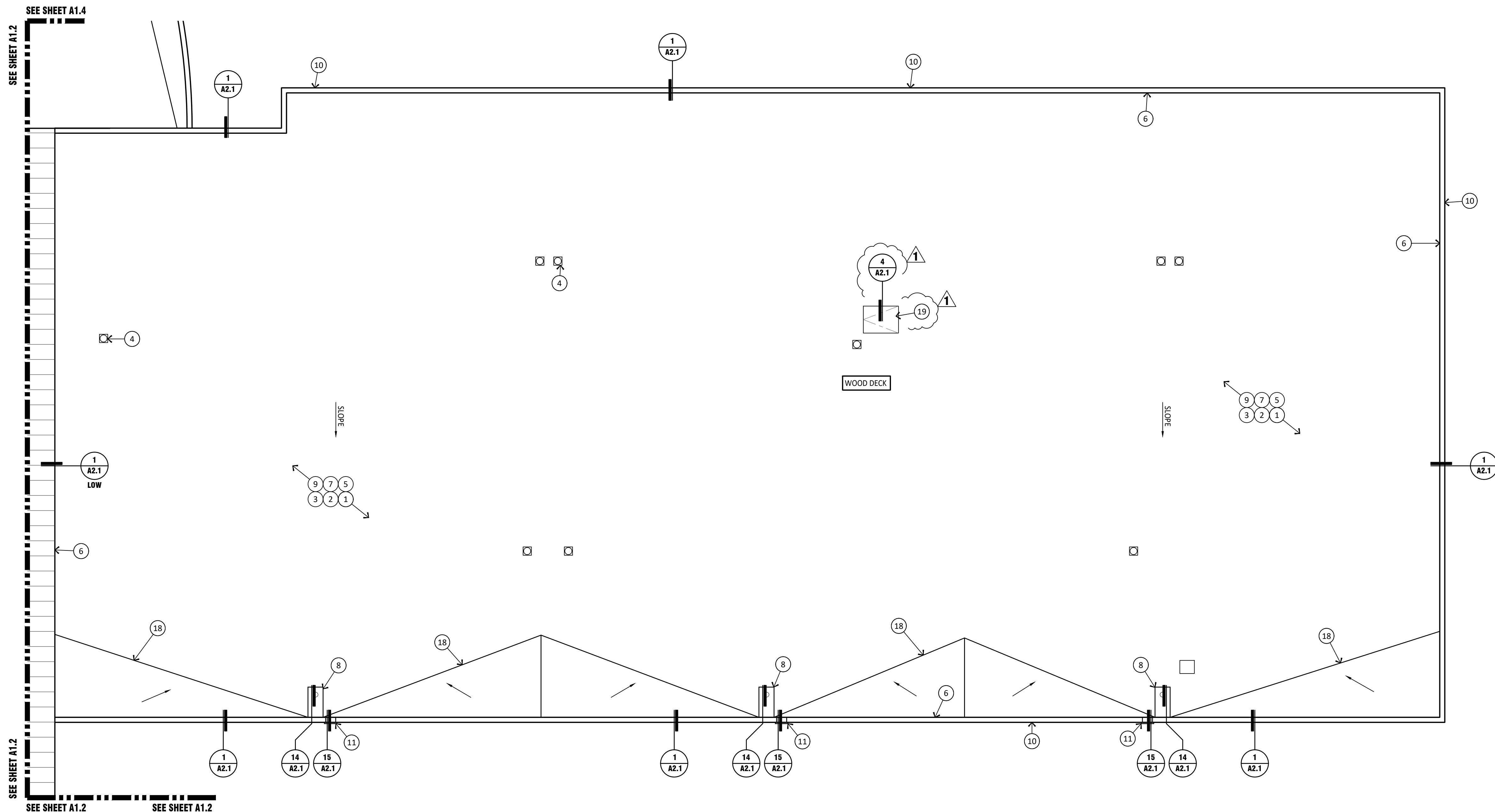
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DATE: 10/12/21

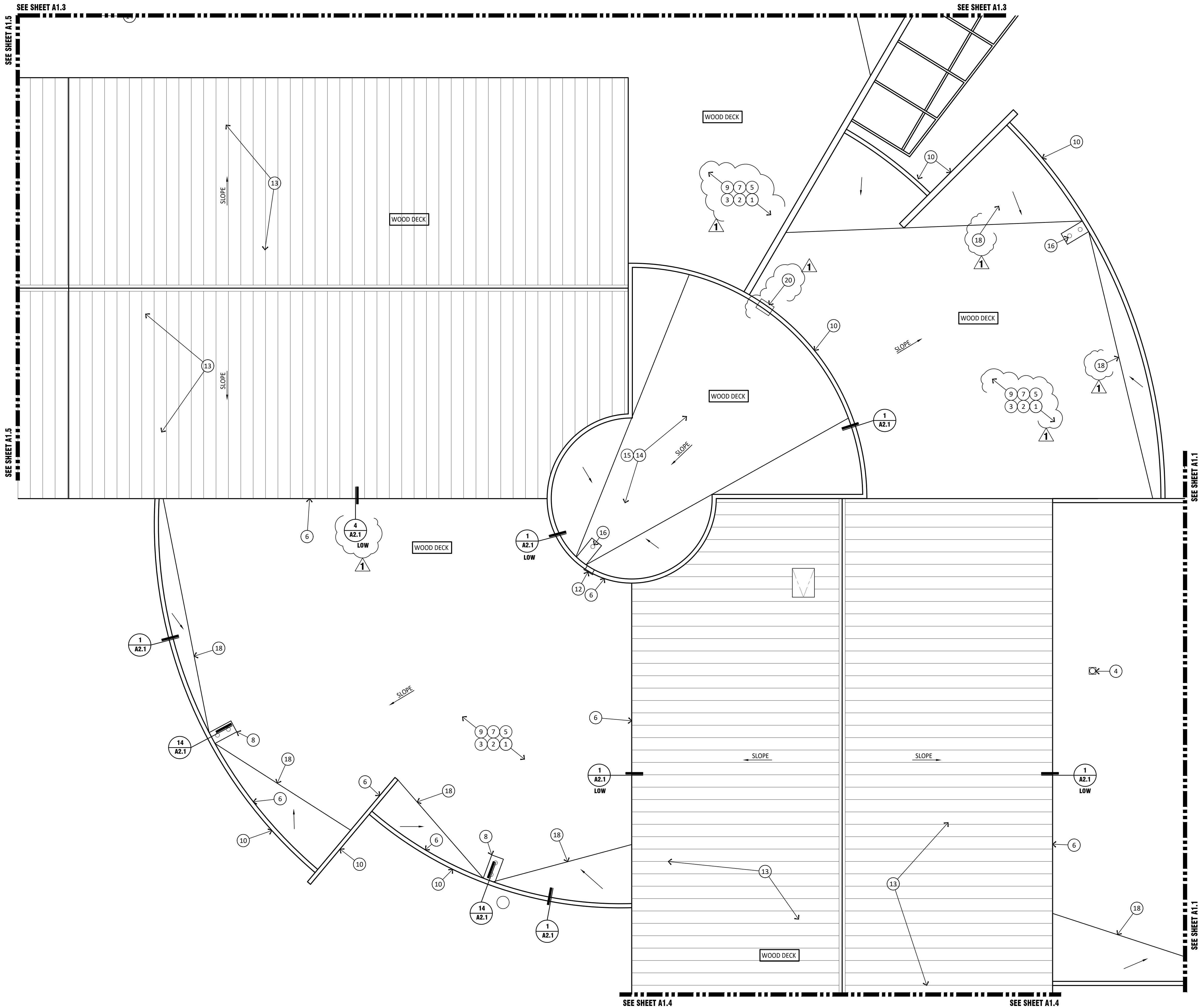
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BUILDING E (SFB 1017)
ROOF PLAN

A1.1


$$1/8'' = 1'-0''$$

BUILDING A (SFB 1013) ROOF PLAN
1/8" = 1'-0"

KEYED NOTES

1. REMOVE EXISTING ROOFING SYSTEM TO DECK. CLEAN AND PREP DECK AS REQUIRED FOR NEW ROOF - SEE SPECIFICATIONS
2. INSTALL NEW ROOFING ON COVER BOARD OVER RIGID INSULATION. TYPICAL - SEE SPECIFICATIONS.
3. REMOVE AND REPLACE ALL METAL FLASHINGS, REGLETS, AND COUNTER FLASHINGS - TYPICAL - SEE SPECIFICATIONS.
4. PROVIDE NEW FLASHING AT MECHANICAL CURBS. ENSURE CONDENSATE LINES ARE PROPERLY SUPPORTED. REMOVE AND REPLACE DUCT SEALANTS. - SEE SPECIFICATIONS - TYPICAL
5. REMOVE EXISTING SLEEPERS UNDER CONDUIT AND PIPE. PROTECT DURING CONSTRUCTION ACTIVITIES. PROVIDE NEW DURA-BLOK SUPPORTS - TYPICAL
6. CLEAN EXISTING PARAPET WALLS ON ROOF SIDE. WRAP WALLS 4'-0" HIGH AND UNDER WITH KEE MEMBRANE THAT EXTENDS UP AND OVER NEW TREATED WOOD SLEEPERS. PROVIDE BLOCK FILL AND COAT PARAPET WALLS TALLER THAN 4'-0" TO BOTTOM OF COPING - SEE SPECIFICATIONS
7. REMOVE ALL CONSTRUCTION JOINT CAULKING FROM ROOF SIDE OF PARAPET AND REPLACE PER SPECIFICATIONS
8. PROVIDE NEW SUMPAS AS REQUIRED AT EXISTING SCUPPER LOCATIONS. CLEAR ALL DRAIN LEADERS AND ENSURE PROPER OPERATION - SEE SPECIFICATIONS - TYPICAL
9. RAISE DUCT AS REQUIRED FOR PROPER FLASHING - TYPICAL
10. PROVIDE NEW TREATED WOOD NAILERS AND METAL COPING CAPS PER SPECIFICATIONS
11. PROVIDE NEW SHEET METAL SCUPPERS
12. CLEAR SCUPPERS OF DEBRIS AND ENSURE PROPER OPERATION.
13. PROVIDE REPAIRS TO LAPS, SEAMS, RIVETS, PENETRATIONS AND OTHERS AS REQUIRED ON METAL ROOFS - VERIFY IN FIELD. SEE SPECIFICATIONS
14. PROVIDE REPAIRS AS REQUIRED - VERIFY IN FIELD
15. CLEAN ROOF AND PROVIDE NEW COATING - SEE SPECIFICATIONS
16. CLEAR ROOF DRAINS AND ENSURE PROPER DRAINAGE
17. PROVIDE NEW CONCRETE SPLASH BLOCKS WHERE REQUIRED.
18. NEW CRICKETS - SIZE TO ENSURE PROPER DRAINAGE
19. PROVIDE NEW ROOF HATCH PROVIDE SUBMITTAL TO ARCHITECT.
20. PROVIDE NEW STEEL ROOF ACCESS LADDER. PROVIDE SHOP DRAWING TO ARCHITECT SEE DETAIL 1/A1.5
21. REMOVE ALL MECH EQUIPMENT. PROVIDE NEW ROOFING AND FLASHING. REINSTALL ALL EQUIPMENT ON NEW CURB. PROVIDE MECHANICAL, PLUMBING AND MECHANICAL WORK AS REQUIRED TO REMOVE AND REINSTALL SYSTEM. VERIFY PROPER OPERATION AND STARTS UP.

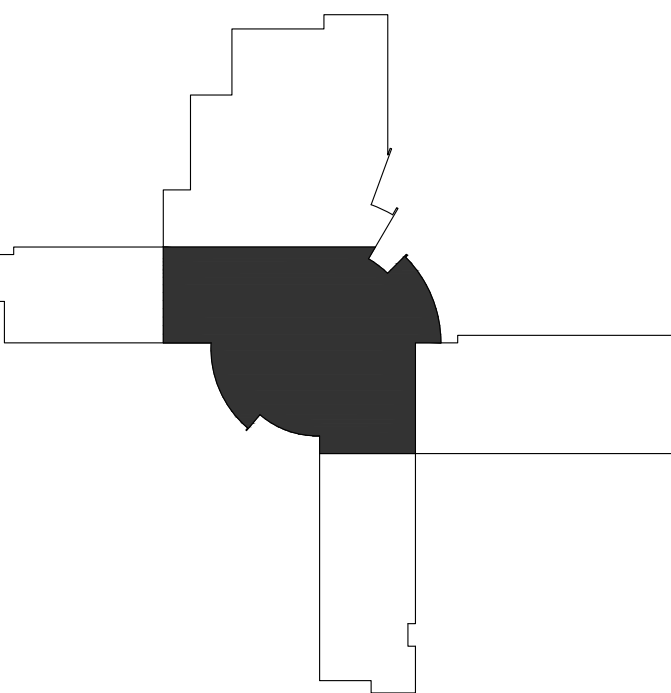
GENERAL NOTES

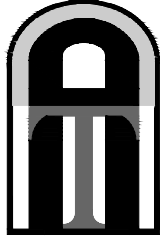
- A. CONTRACTOR TO REVIEW SPECIFICATIONS PRIOR TO BID. NOTIFY ARCHITECT OF ANY CONFLICTS.
- B. KEYNOTES ARE TYPICAL THROUGHOUT
- C. ANY INCIDENTAL MECHANICAL, PLUMBING OR ELECTRICAL ASSOCIATED WITH ROOFTOP EQUIPMENT SHALL BE PERFORMED BY PROPER LICENSED SUBCONTRACTORS UNDER THIS ROOFING CONTRACT - ALL WORK SHALL BE PERFORMED TO CURRENT CODES
- D. ADJUST EXISTING ELECTRICAL CONDUIT, CONDENSATE AND UTILITY LINES AS REQUIRED FOR NEW ROOF HEIGHT. PROVIDE NEW DURA BLOK SUPPORTS - TYPICAL - SEE SPECIFICATIONS.
- E. REMOVE EXISTING LOW VOLTAGE WIRE AND REINSTALL AFTER ROOF REPLACEMENT
- F. REMOVE AND PATCH ALL ABANDONED OPENINGS. NOTIFY ARCHITECT IF OPENING IS WIDER THAN 12" X 12"
- G. REMOVE AND REPLACE EXISTING LIGHTNING PROTECTION SYSTEM. NEW SYSTEM TO BE RE CERTIFIED
- H. DEMO ALL ABANDONED PITCH PANS. CAP WATER AND POWER

TYPICAL DETAILS THROUGHOUT

3 A2.1 PASSIVE VENT	11 A2.1 ROOF TOP PIPE SUPPORT
6 A2.1 EQUIPMENT SUPPORT	12 A2.1 EXHAUST FAN
9 A2.1 PITCH PAN	13 A2.1 HEAT STACK
8 A2.1 EXPANSION JOINT	17 A2.1 AREA DIVIDER
9 A2.1 PITCH POCKET	18 A2.1 PRE MANUFACTURED SUPPORT CURB
10 A2.1 PIPE PENETRATION	16 A2.1 COPING

REFERENCE PLAN





ArchitectTechnology
ARCHITECTURE - FACILITIES - C.M.
5229 N. 7th AVE. #101
PHOENIX, ARIZONA 85013
602.347.5226



WASHINGTON ELEMENTARY
SCHOOL DISTRICT



ROOFING IMPROVEMENTS
WASHINGTON ELEMENTARY SCHOOL DISTRICT
OCOTILLO ELEMENTARY SCHOOL
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DRAWING TITLE
BUILDING A (SFB 1013)
ROOF PLAN

DRAWING NUMBER

A1.2

KEYED NOTES

1. REMOVE EXISTING ROOFING SYSTEM TO DECK. CLEAN AND PREP DECK AS REQUIRED FOR NEW ROOF - SEE SPECIFICATIONS
2. INSTALL NEW ROOFING ON COVER BOARD OVER RIGID INSULATION. TYPICAL - SEE SPECIFICATIONS.
3. REMOVE AND REPLACE ALL METAL FLASHINGS, REGLETS, AND COUNTER FLASHINGS - TYPICAL - SEE SPECIFICATIONS.
4. PROVIDE NEW FLASHING AT MECHANICAL CURBS. ENSURE CONDENSATE LINES ARE PROPERLY SUPPORTED. REMOVE AND REPLACE DUCT SEALANTS. - SEE SPECIFICATIONS - TYPICAL
5. REMOVE EXISTING SLEEPERS UNDER CONDUIT AND PIPE. PROTECT DURING CONSTRUCTION ACTIVITIES. PROVIDE NEW DURA-BLOK SUPPORTS - TYPICAL
6. CLEAN EXISTING PARAPET WALLS ON ROOF SIDE. WRAP WALLS 4'-0" HIGH AND UNDER WITH KEE MEMBRANE THAT EXTENDS UP AND OVER NEW TREATED WOOD SLEEPERS. PROVIDE BLOCK FILL AND COAT PARAPET WALLS TALLER THAN 4'-0" TO BOTTOM OF COPING - SEE SPECIFICATIONS
7. REMOVE ALL CONSTRUCTION JOINT CAULKING FROM ROOF SIDE OF PARAPET AND REPLACE PER SPECIFICATIONS
8. PROVIDE NEW SUMPS AS REQUIRED AT EXISTING SCUPPER LOCATIONS. CLEAR ALL DRAIN LEADERS AND ENSURE PROPER OPERATION - SEE SPECIFICATIONS - TYPICAL
9. RAISE DUCT AS REQUIRED FOR PROPER FLASHING - TYPICAL
10. PROVIDE NEW TREATED WOOD NAILERS AND METAL COPING CAPS PER SPECIFICATIONS
11. PROVIDE NEW SHEET METAL SCUPPERS
12. CLEAR SCUPPERS OF DEBRIS AND ENSURE PROPER OPERATION.
13. PROVIDE REPAIRS TO LAPS, SEAMS, RIVETS, PENETRATIONS AND OTHERS AS REQUIRED ON METAL ROOFS. VERIFY IN FIELD. SEE SPECIFICATIONS
14. PROVIDE REPAIRS AS REQUIRED - VERIFY IN FIELD
15. CLEAN ROOF AND PROVIDE NEW COATING - SEE SPECIFICATIONS
16. CLEAR ROOF DRAINS AND ENSURE PROPER OPERATION
17. PROVIDE NEW CONCRETE SPLASH BLOCKS WHERE REQUIRED.
18. NEW CRICKETS - SIZE TO ENSURE PROPER DRAINAGE
19. PROVIDE NEW ROOF HATCH PROVIDE SUBMITTAL TO ARCHITECT
20. PROVIDE NEW STEEL ROOF ACCESS LADDER. PROVIDE SHOP DRAWING TO ARCHITECT SEE DETAIL 1/A1.5
21. REMOVE ALL MECH EQUIPMENT. PROVIDE NEW ROOFING AND FLASHING. REINSTALL ALL EQUIPMENT ON NEW CURB. PROVIDE MECHANICAL, PLUMBING AND MECHANICAL WORK AS REQUIRED TO REMOVE AND REINSTALL SYSTEM. VERIFY PROPER OPERATION AND STARTS UP.

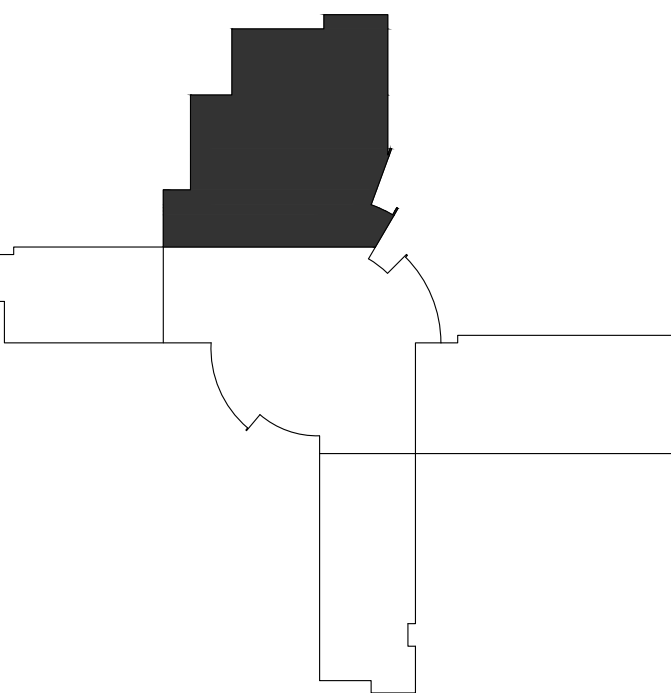
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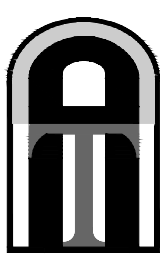
- A. CONTRACTOR TO REVIEW SPECIFICATIONS PRIOR TO BID. NOTIFY ARCHITECT OF ANY CONFLICTS.
- B. KEYNOTES ARE TYPICAL THROUGHOUT
- C. ANY INCIDENTAL MECHANICAL, PLUMBING OR ELECTRICAL ASSOCIATED WITH ROOFTOP EQUIPMENT SHALL BE PERFORMED BY PROPER LICENSED SUBCONTRACTORS UNDER THIS ROOFING CONTRACT - ALL WORK SHALL BE PERFORMED TO CURRENT CODES
- D. ADJUST EXISTING ELECTRICAL CONDUIT, CONDENSATE AND UTILITY LINES AS REQUIRED FOR NEW ROOF HEIGHT. PROVIDE NEW DURA BLOK SUPPORTS - TYPICAL - SEE SPECIFICATIONS.
- E. REMOVE EXISTING LOW VOLTAGE WIRE AND REINSTALL AFTER ROOF REPLACEMENT
- F. REMOVE AND PATCH ALL ABANDONED OPENINGS. NOTIFY ARCHITECT IF OPENING IS WIDER THAN 12" X 12"
- G. REMOVE AND REPLACE EXISTING LIGHTNING PROTECTION SYSTEM. NEW SYSTEM TO BE RE CERTIFIED
- H. DEMO ALL ABANDONED PITCH PANS. CAP WATER AND POWER

TYPICAL DETAILS THROUGHOUT

3 A2.1	PASSIVE VENT	11 A2.1	ROOF TOP PIPE SUPPORT
6 A2.1	EQUIPMENT SUPPORT	12 A2.1	EXHAUST FAN
9 A2.1	PITCH PAN	13 A2.1	HEAT STACK
8 A2.1	EXPANSION JOINT	17 A2.1	AREA DIVIDER
9 A2.1	PITCH POCKET	18 A2.1	PRE MANUFACTURED SUPPORT CURB
10 A2.1	PIPE PENETRATION	16 A2.1	COPING

REFERENCE PLAN

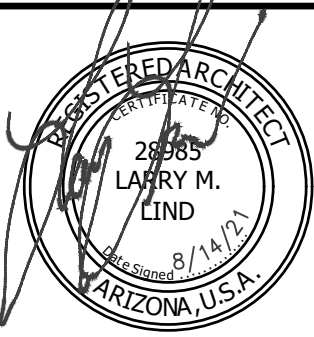




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PHOENIX, ARIZONA 85017
SFB PROJECT NO.: BRG-DDSGN-00431

PROJECT NO.:	21165
DRAWN BY:	D. LIND
CHECKED BY:	L. LIND
DATE:	10/12/21

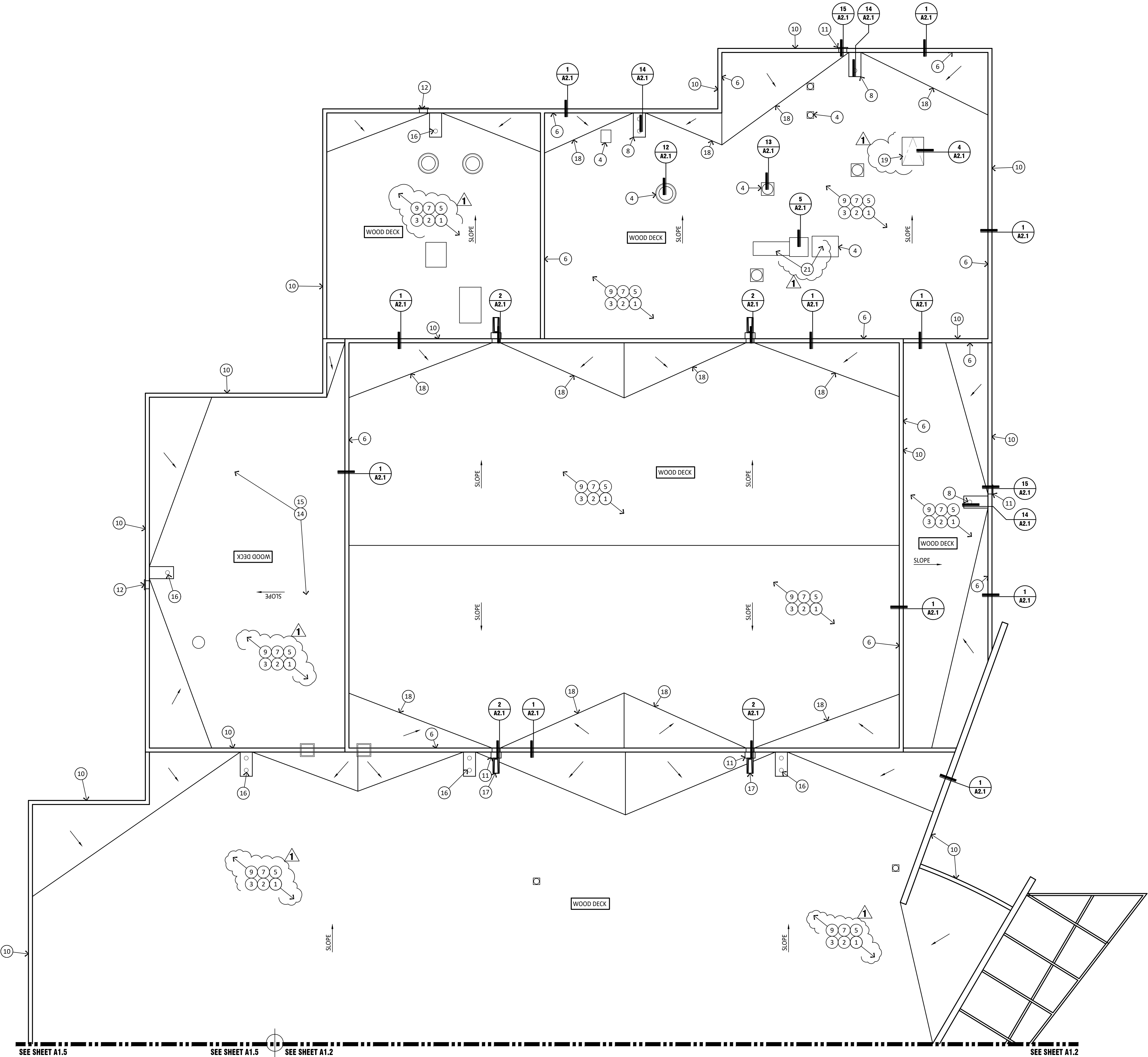
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DRAWING TITLE
**BUILDING D (SFB 1016)
ROOF PLAN**

DRAWING NUMBER

A1.3



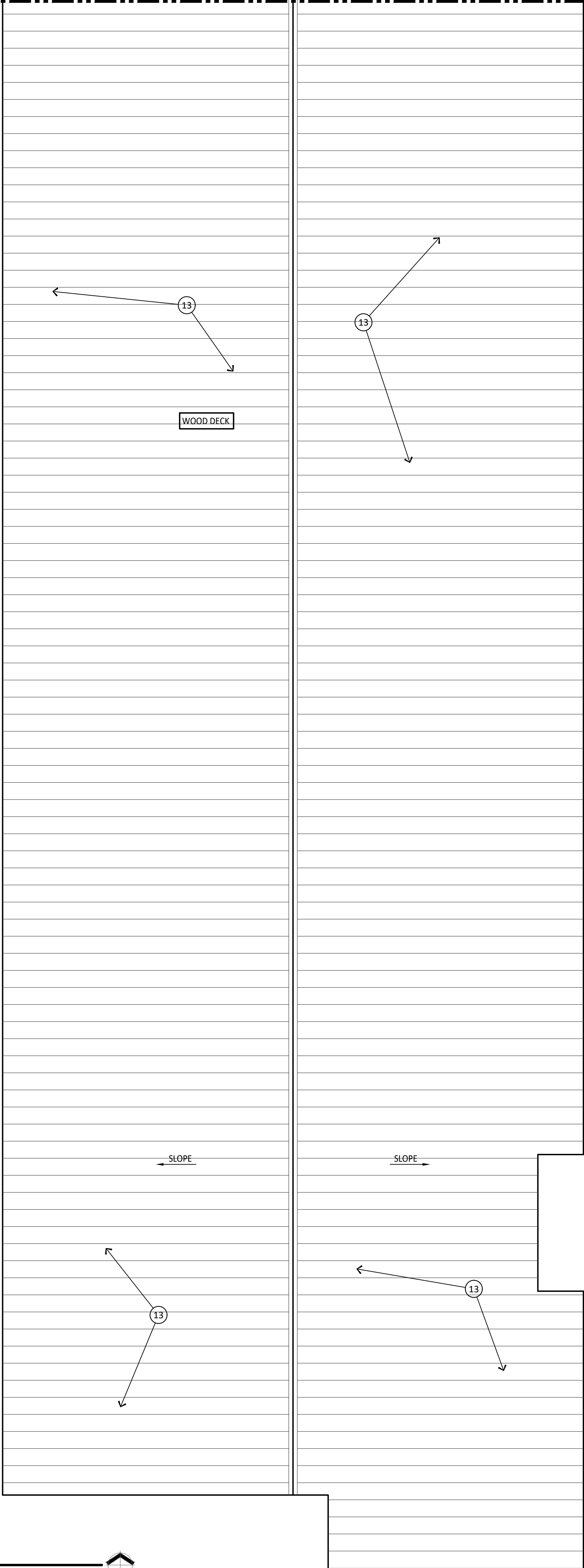
BUILDING D (SFB 1016) ROOF PLAN

1/8" = 1'-0"

SEE SHEET A1.2

SEE SHEET A1.2

SEE SHEET A1.1



BUILDING B (SFB 1014) ROOF PLAN

1/8" = 1'-0"



KEYED NOTES

1. REMOVE EXISTING ROOFING SYSTEM TO DECK. CLEAN AND PREP DECK AS REQUIRED FOR NEW ROOF - SEE SPECIFICATIONS
2. INSTALL NEW ROOFING ON COVER BOARD OVER RIGID INSULATION. TYPICAL - SEE SPECIFICATIONS.
3. REMOVE AND REPLACE ALL METAL FLASHINGS, REGLETS, AND COUNTER FLASHINGS - TYPICAL - SEE SPECIFICATIONS.
4. PROVIDE NEW FLASHING AT MECHANICAL CURBS. ENSURE CONDENSATE LINES ARE PROPERLY SUPPORTED. REMOVE AND REPLACE DUCT SEALANTS. - SEE SPECIFICATIONS - TYPICAL
5. REMOVE EXISTING SLEEPERS UNDER CONDUIT AND PIPE. PROTECT DURING CONSTRUCTION ACTIVITIES. PROVIDE NEW DURA-BLOK SUPPORTS - TYPICAL
6. CLEAN EXISTING PARAPET WALLS ON ROOF SIDE. WRAP WALLS 4'-0" HIGH AND UNDER WITH KEE MEMBRANE THAT EXTENDS UP AND OVER NEW TREATED WOOD SLEEPERS. PROVIDE BLOCK FILL AND COAT PARAPET WALLS TALLER THAN 4'-0" TO BOTTOM OF COPING - SEE SPECIFICATIONS
7. REMOVE ALL CONSTRUCTION JOINT CAULKING FROM ROOF SIDE OF PARAPET AND REPLACE PER SPECIFICATIONS
8. PROVIDE NEW SUMPS AS REQUIRED AT EXISTING SCUPPER LOCATIONS. CLEAR ALL DRAIN LEADERS AND ENSURE PROPER OPERATION - SEE SPECIFICATIONS - TYPICAL
9. RAISE DUCT AS REQUIRED FOR PROPER FLASHING - TYPICAL
10. PROVIDE NEW TREATED WOOD NAILERS AND METAL COPING CAPS PER SPECIFICATIONS
11. PROVIDE NEW SHEET METAL SCUPPERS
12. CLEAR SCUPPERS OF DEBRIS AND ENSURE PROPER OPERATION.
13. PROVIDE REPAIRS TO LAPS, SEAMS, RIVETS, PENETRATIONS AND OTHERS AS REQUIRED ON METAL ROOFS. VERIFY IN FIELD. SEE SPECIFICATIONS
14. PROVIDE REPAIRS AS REQUIRED - VERIFY IN FIELD
15. CLEAN ROOF AND PROVIDE NEW COATING - SEE SPECIFICATIONS
16. CLEAR ROOF DRAINS AND ENSURE PROPER OPERATION
17. PROVIDE NEW CONCRETE SPLASH BLOCKS WHERE REQUIRED.
18. NEW CRICKETS - SIZE TO ENSURE PROPER DRAINAGE
19. PROVIDE NEW ROOF HATCH PROVIDE SUBMITTAL TO ARCHITECT
20. PROVIDE NEW STEEL ROOF ACCESS LADDER. PROVIDE SHOP DRAWING TO ARCHITECT SEE DETAIL 1/A1.5
21. REMOVE ALL MECH EQUIPMENT. PROVIDE NEW ROOFING AND FLASHING. REINSTALL ALL EQUIPMENT ON NEW CURB. PROVIDE MECHANICAL, PLUMBING AND MECHANICAL WORK AS REQUIRED TO REMOVE AND REINSTALL SYSTEM. VERIFY PROPER OPERATION AND STARTS UP.

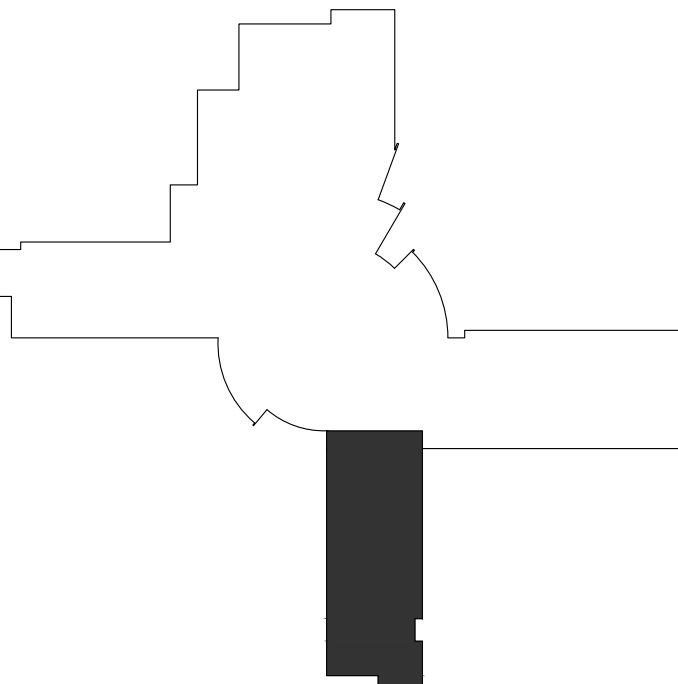
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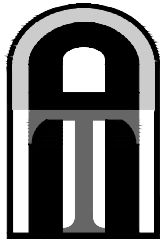
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- B. KEYNOTES ARE TYPICAL THROUGHOUT
- C. ANY INCIDENTAL MECHANICAL, PLUMBING OR ELECTRICAL ASSOCIATED WITH ROOFTOP EQUIPMENT SHALL BE PERFORMED BY PROPER LICENSED SUBCONTRACTORS UNDER THIS ROOFING CONTRACT - ALL WORK SHALL BE PERFORMED TO CURRENT CODES
- D. ADJUST EXISTING ELECTRICAL CONDUIT, CONDENSATE AND UTILITY LINES AS REQUIRED FOR NEW ROOF HEIGHT. PROVIDE NEW DURA BLOK SUPPORTS - TYPICAL - SEE SPECIFICATIONS.
- E. REMOVE EXISTING LOW VOLTAGE WIRE AND REINSTALL AFTER ROOF REPLACEMENT
- F. REMOVE AND PATCH ALL ABANDONED OPENINGS. NOTIFY ARCHITECT IF OPENING IS WIDER THAN 12" X 12"
- G. REMOVE AND REPLACE EXISTING LIGHTNING PROTECTION SYSTEM. NEW SYSTEM TO BE RE CERTIFIED
- H. DEMO ALL ABANDONED PITCH PANS. CAP WATER AND POWER

TYPICAL DETAILS THROUGHOUT

3 A2.1	PASSIVE VENT	11 A2.1	ROOF TOP PIPE SUPPORT
6 A2.1	EQUIPMENT SUPPORT	12 A2.1	EXHAUST FAN
9 A2.1	PITCH PAN	13 A2.1	HEAT STACK
8 A2.1	EXPANSION JOINT	17 A2.1	AREA DIVIDER
9 A2.1	PITCH POCKET	18 A2.1	PRE MANUFACTURED SUPPORT CURB
10 A2.1	PIPE PENETRATION	16 A2.1	COPING

REFERENCE PLAN





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SFB PROJECT NO.: BRG-DDSGN-00431

PROJECT NO.:	21165
DRAWN BY:	D. LIND
CHECKED BY:	L. LIND
DATE:	10/12/21

NO.	DATE	COMMENT	REVISIONS
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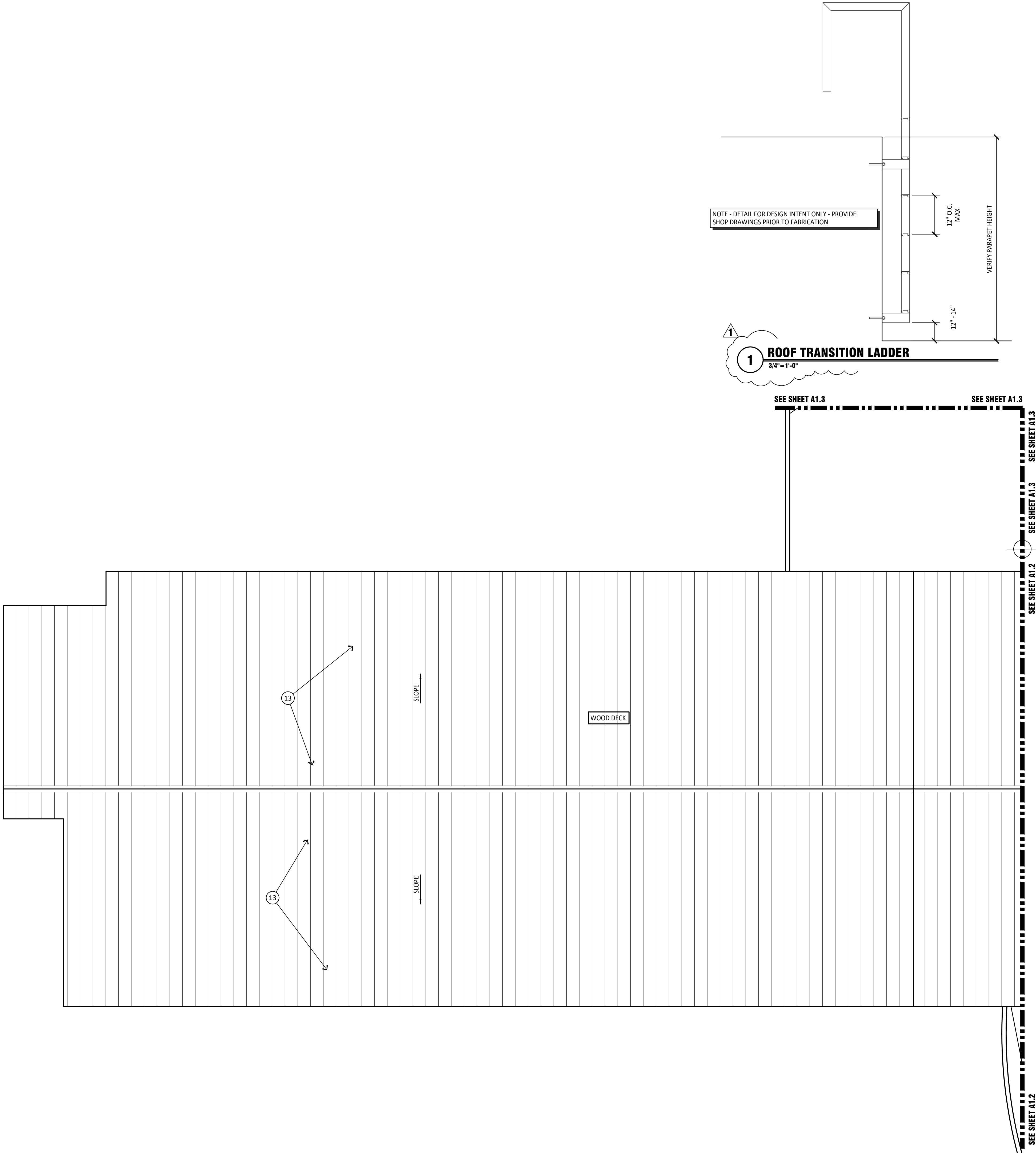
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DRAWING TITLE

BUILDING B (SFB 1014)
ROOF PLAN

DRAWING NUMBER

A1.4



BUILDING C (SFB 1015) ROOF PLAN
1/8" = 1'-0"

KEYED NOTES

1. REMOVE EXISTING ROOFING SYSTEM TO DECK. CLEAN AND PREP DECK AS REQUIRED FOR NEW ROOF - SEE SPECIFICATIONS
2. INSTALL NEW ROOFING ON COVER BOARD OVER RIGID INSULATION. TYPICAL - SEE SPECIFICATIONS.
3. REMOVE AND REPLACE ALL METAL FLASHINGS, REGLETS, AND COUNTER FLASHINGS - TYPICAL - SEE SPECIFICATIONS.
4. PROVIDE NEW FLASHING AT MECHANICAL CURBS. ENSURE CONDENSATE LINES ARE PROPERLY SUPPORTED. REMOVE AND REPLACE DUCT SEALANTS. - SEE SPECIFICATIONS - TYPICAL
5. REMOVE EXISTING SLEEPERS UNDER CONDUIT AND PIPE. PROTECT DURING CONSTRUCTION ACTIVITIES. PROVIDE NEW DURA-BLOK SUPPORTS - TYPICAL
6. CLEAN EXISTING PARAPET WALLS ON ROOF SIDE. WRAP WALLS 4'-0" HIGH AND UNDER WITH KEE MEMBRANE THAT EXTENDS UP AND OVER NEW TREATED WOOD SLEEPERS. PROVIDE BLOCK FILL AND COAT PARAPET WALLS TALLER THAN 4'-0" TO BOTTOM OF COPING - SEE SPECIFICATIONS
7. REMOVE ALL CONSTRUCTION JOINT CAULKING FROM ROOF SIDE OF PARAPET AND REPLACE PER SPECIFICATIONS
8. PROVIDE NEW SUMPS AS REQUIRED AT EXISTING SCUPPER LOCATIONS. CLEAR ALL DRAIN LEADERS AND ENSURE PROPER OPERATION - SEE SPECIFICATIONS - TYPICAL
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19. PROVIDE NEW ROOF HATCH PROVIDE SUBMITTAL TO ARCHITECT
20. PROVIDE NEW STEEL ROOF ACCESS LADDER PROVIDE SHOP DRAWING TO ARCHITECT SEE DETAIL 1/A1.5
21. REMOVE ALL MECH EQUIPMENT. PROVIDE NEW ROOFING AND FLASHING. REINSTALL ALL EQUIPMENT ON NEW CURB. PROVIDE MECHANICAL, PLUMBING AND MECHANICAL WORK AS REQUIRED TO REMOVE AND REINSTALL SYSTEM. VERIFY PROPER OPERATION AND STARTS UP.

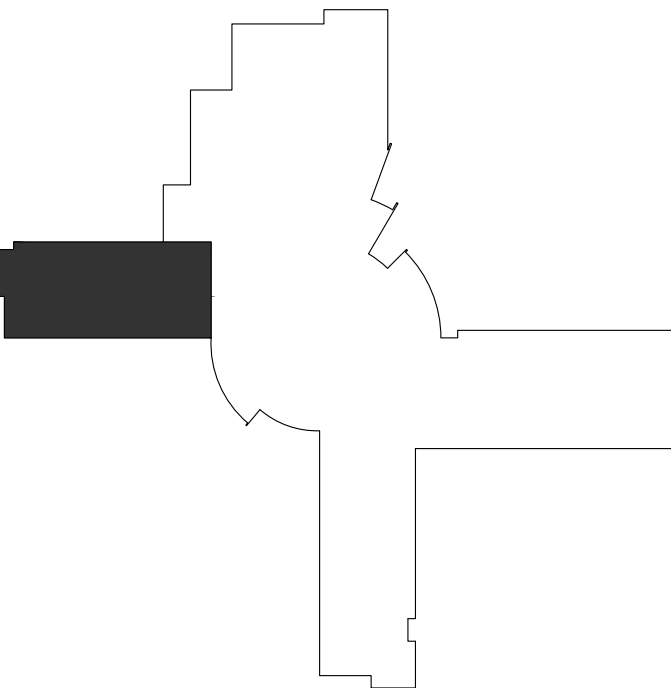
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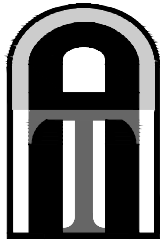
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TYPICAL DETAILS THROUGHOUT

3 A2.1	PASSIVE VENT	11 A2.1	ROOF TOP PIPE SUPPORT
6 A2.1	EQUIPMENT SUPPORT	12 A2.1	EXHAUST FAN
9 A2.1	PITCH PAN	13 A2.1	HEAT STACK
8 A2.1	EXPANSION JOINT	17 A2.1	AREA DIVIDER
9 A2.1	PITCH POCKET	18 A2.1	PRE MANUFACTURED SUPPORT CURB
10 A2.1	PIPE PENETRATION	16 A2.1	COPING

REFERENCE PLAN





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SFB PROJECT NO.: BRG-DDSGN-00431

PROJECT NO.: 21165
DRAWN BY: D. LIND
CHECKED BY: L. LIND
DATE: 10/12/21

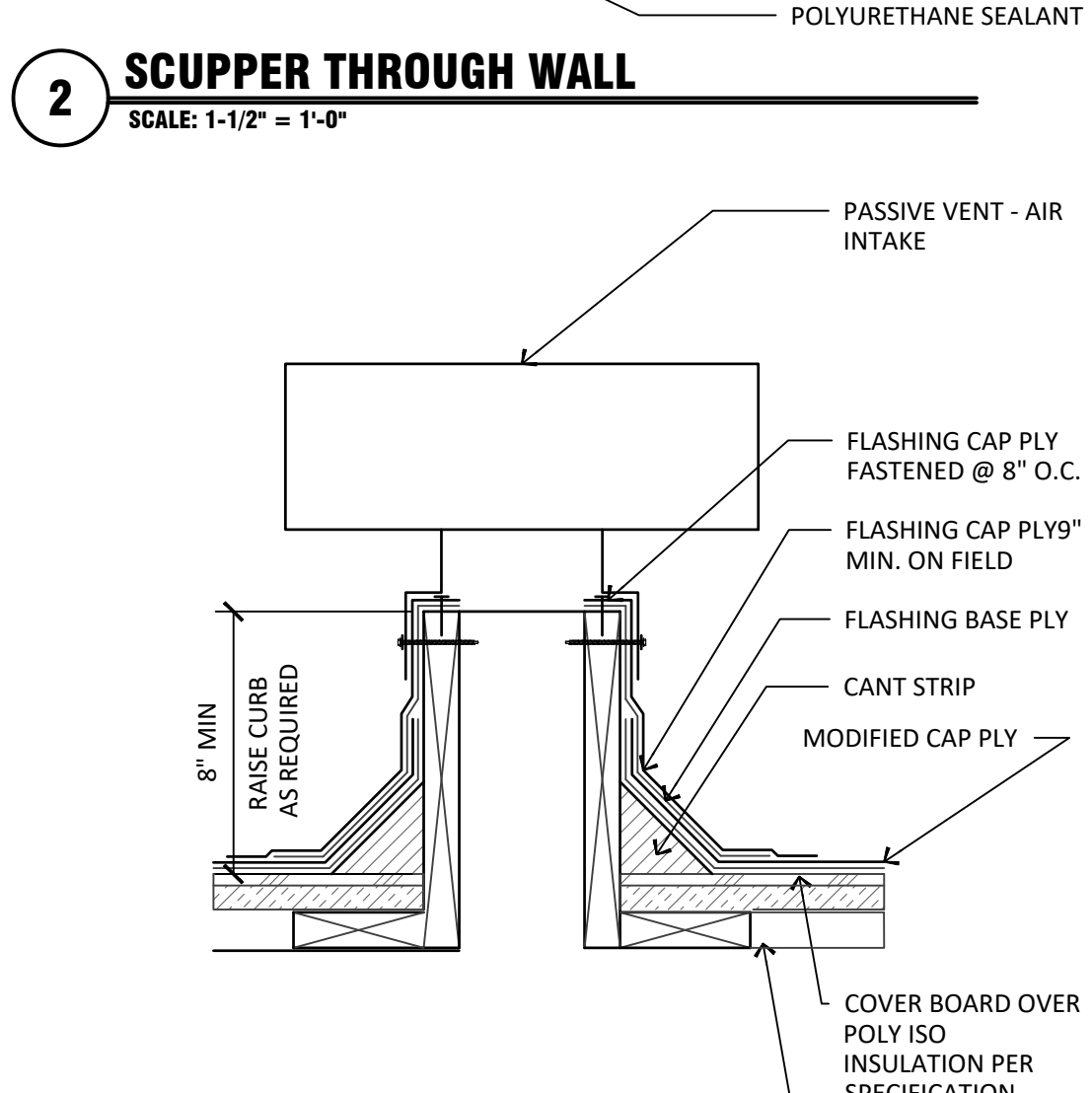
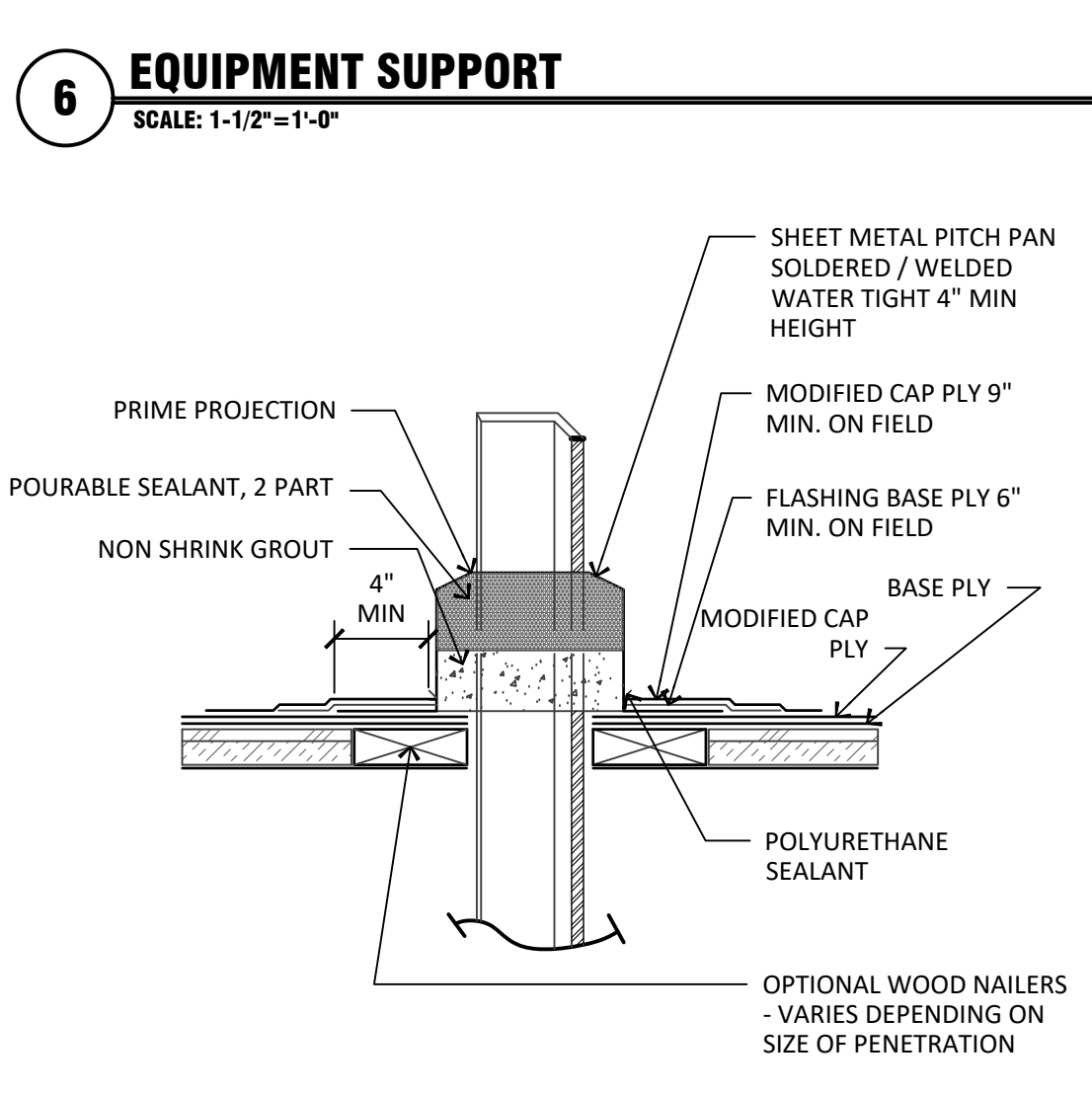
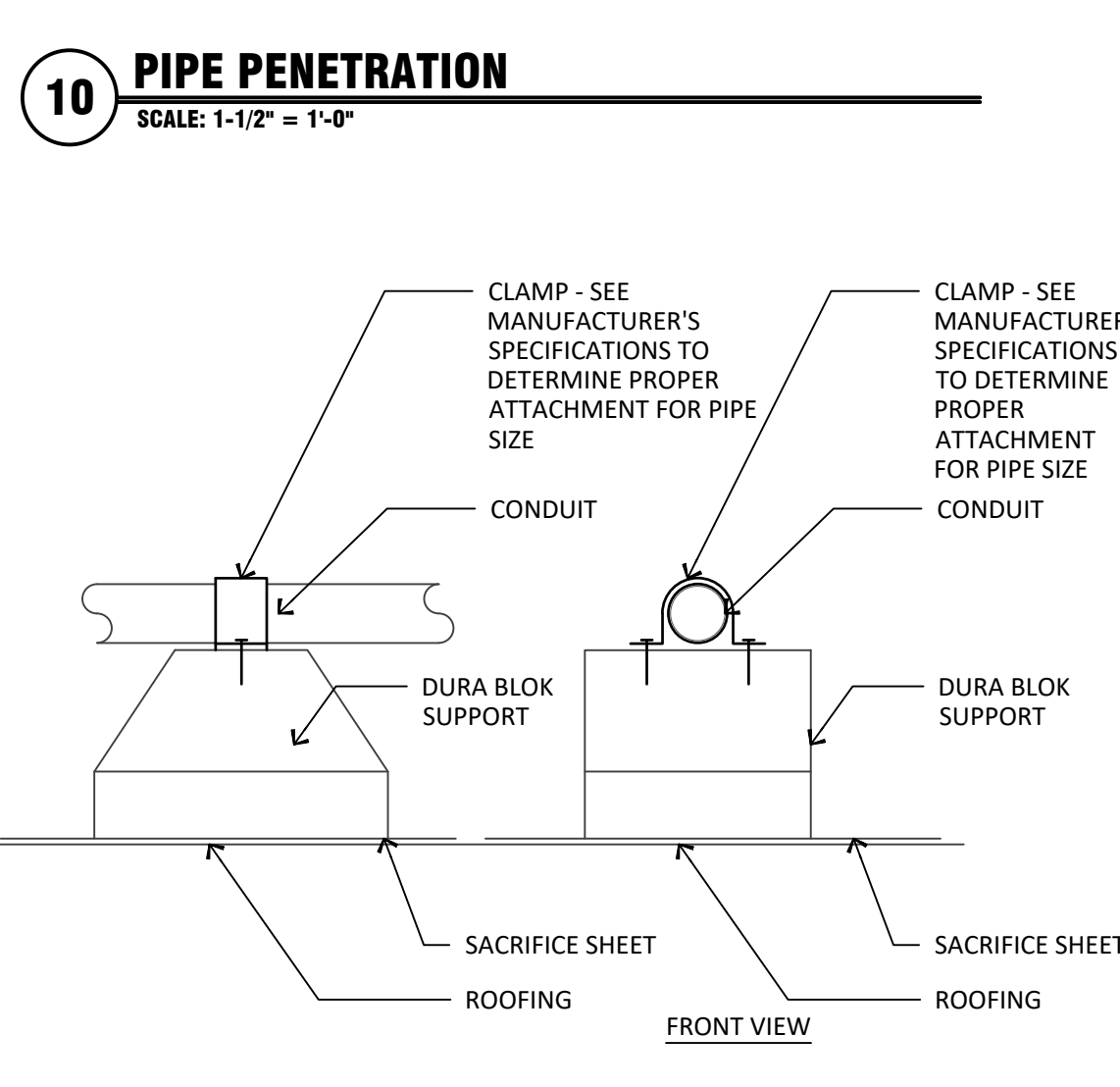
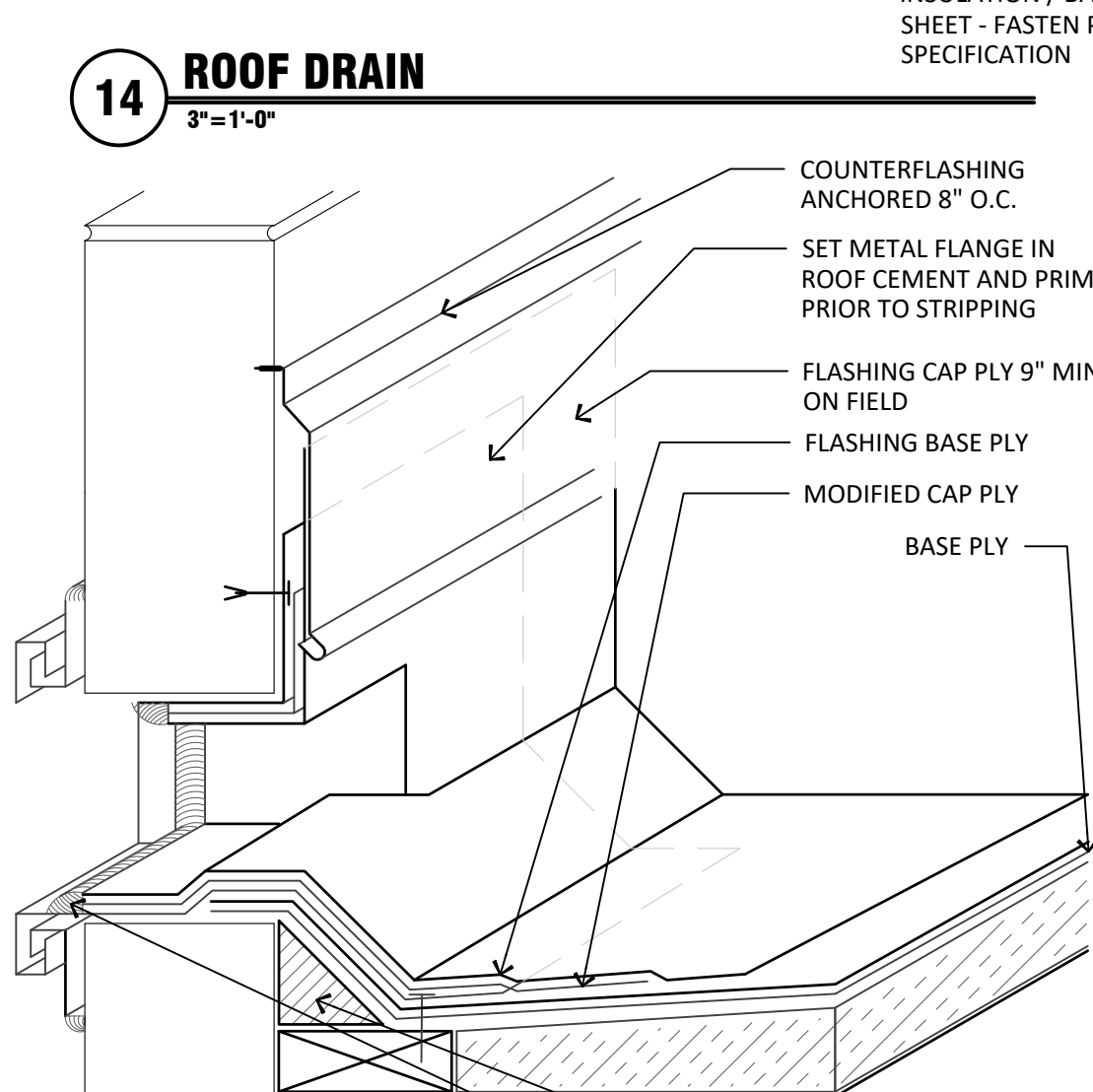
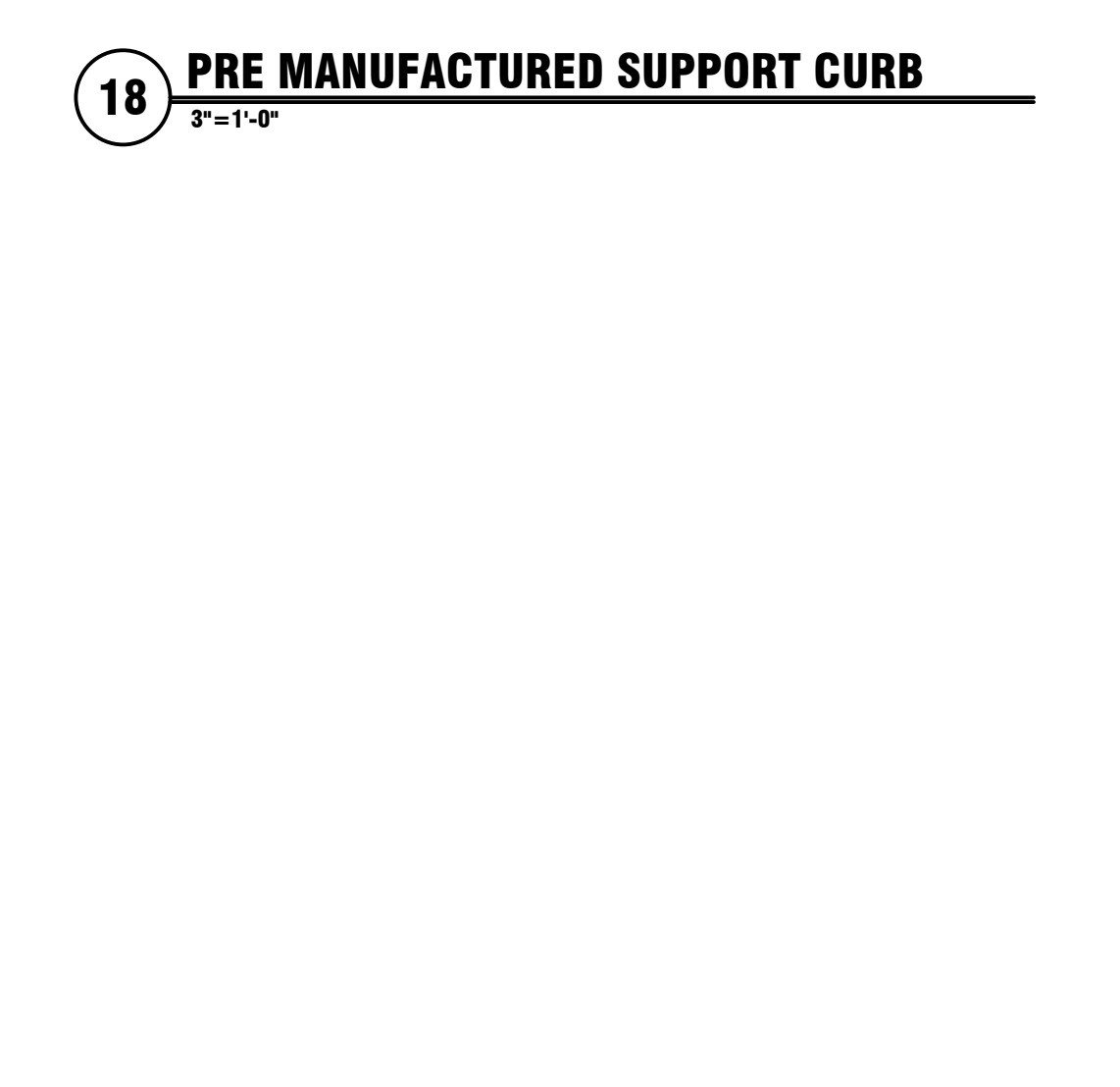
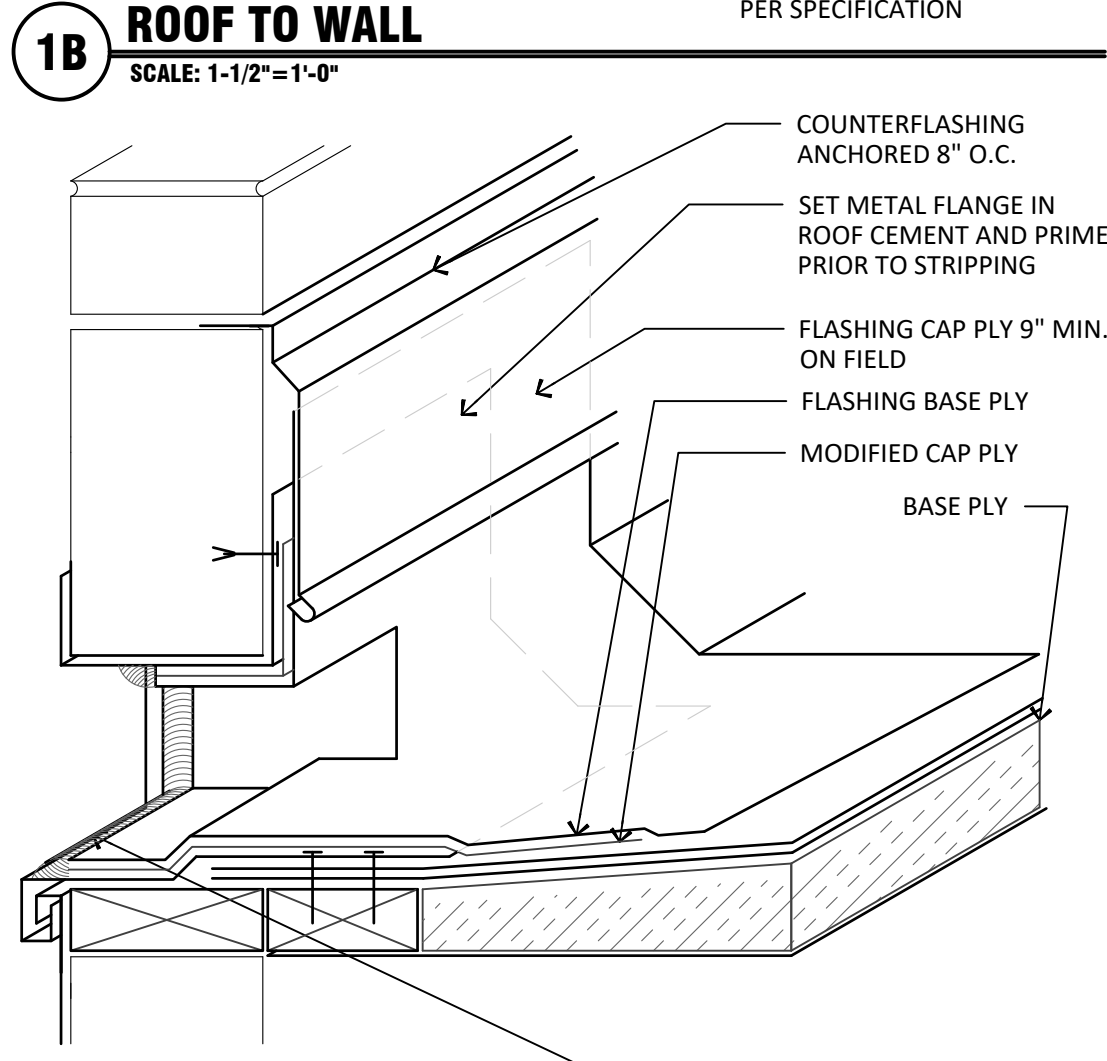
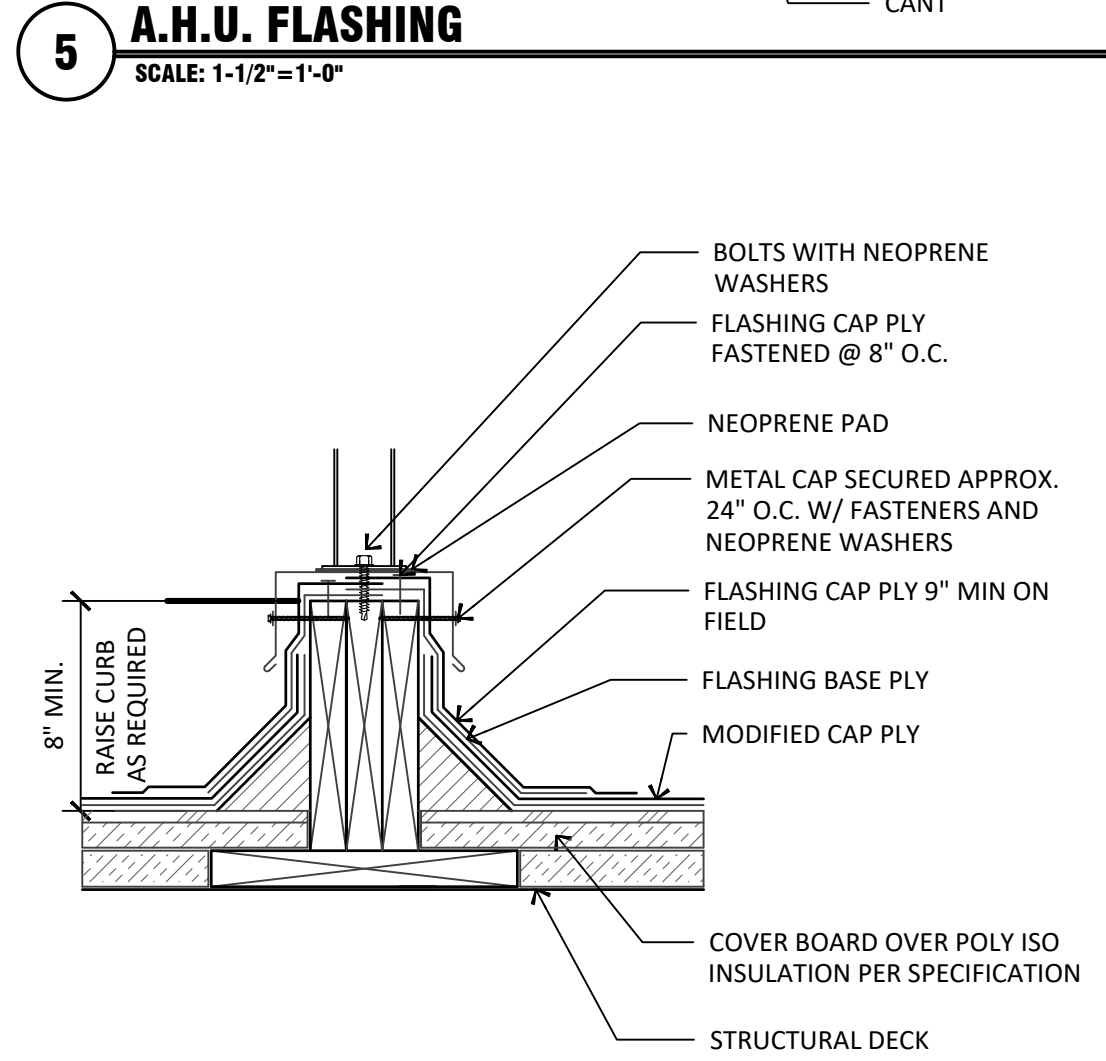
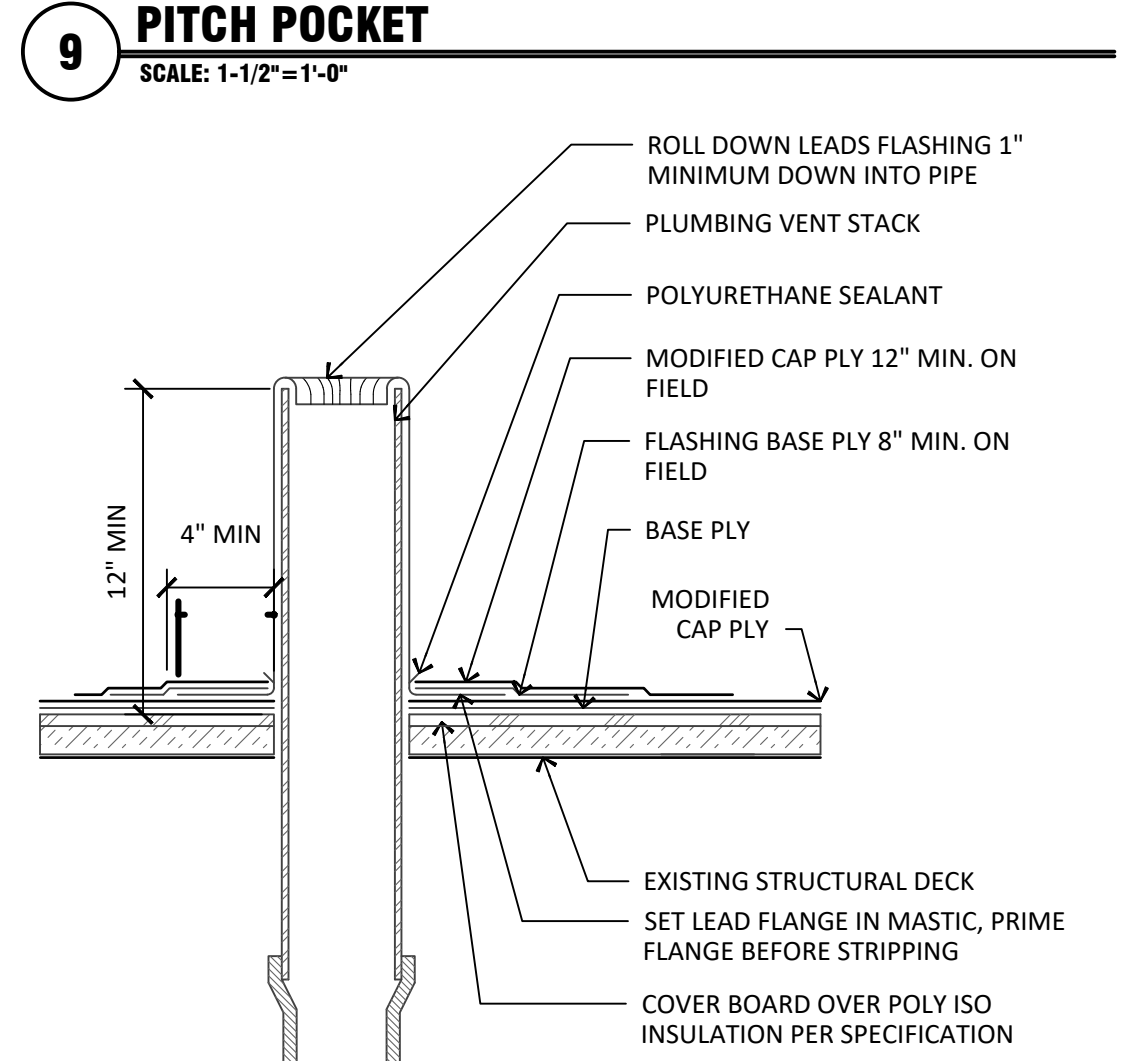
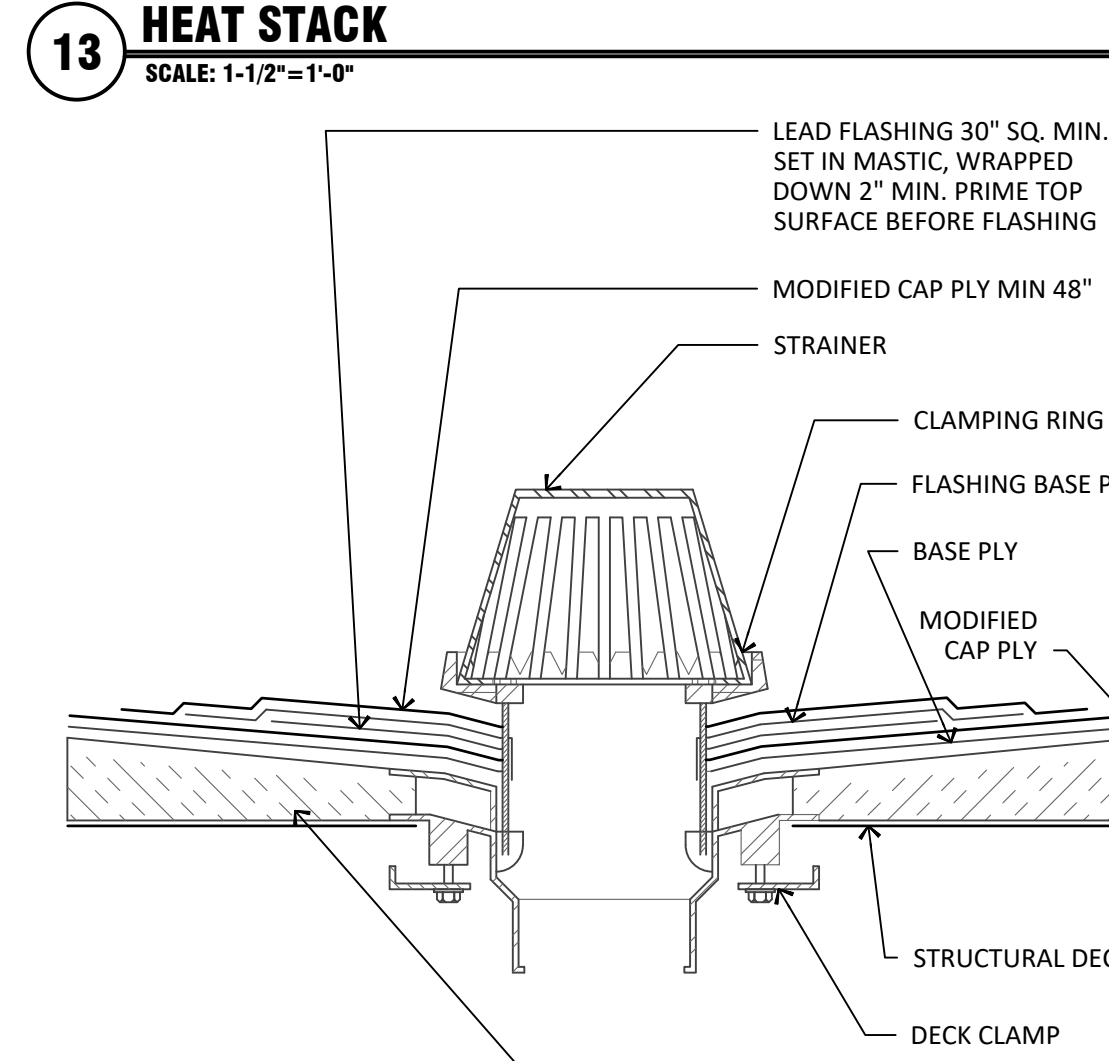
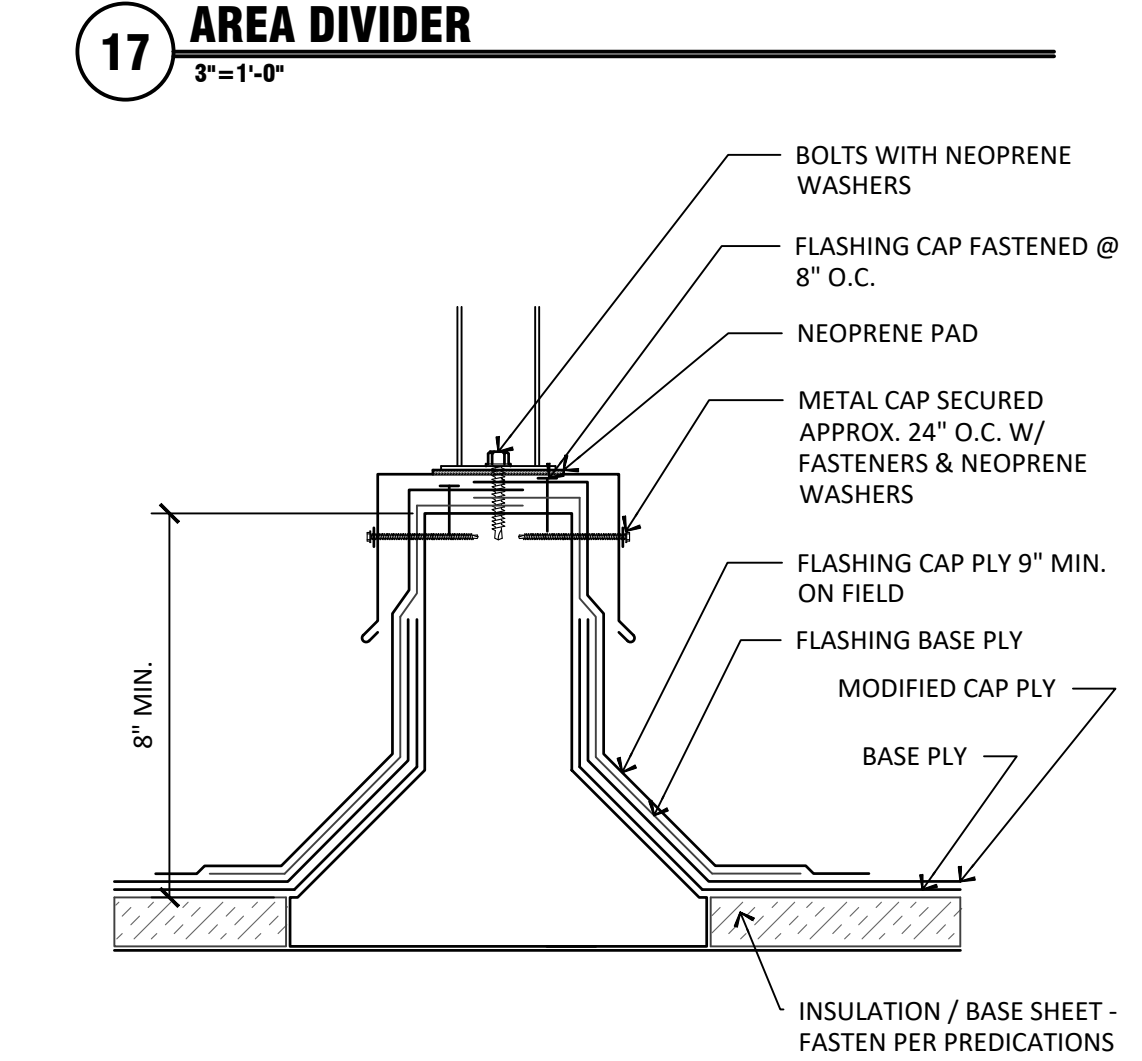
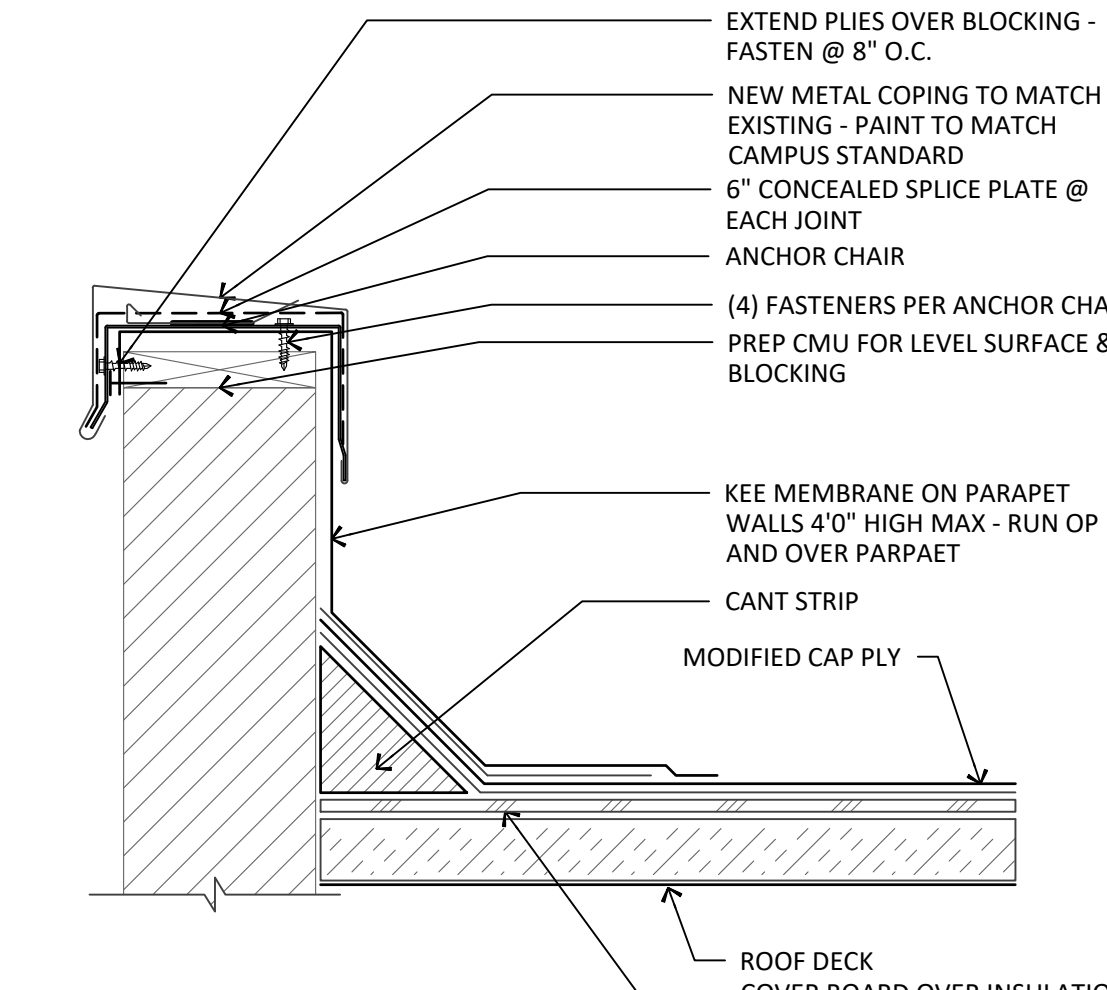
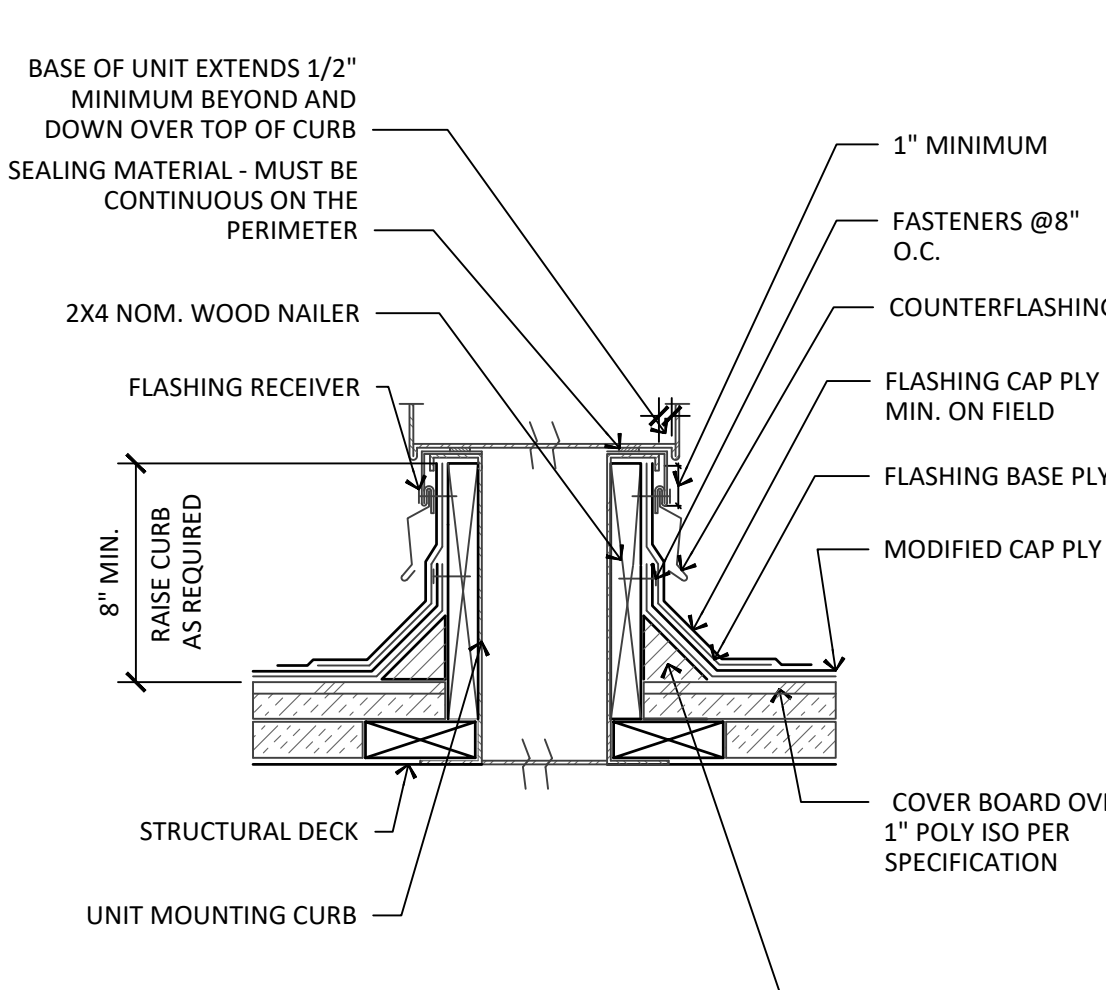
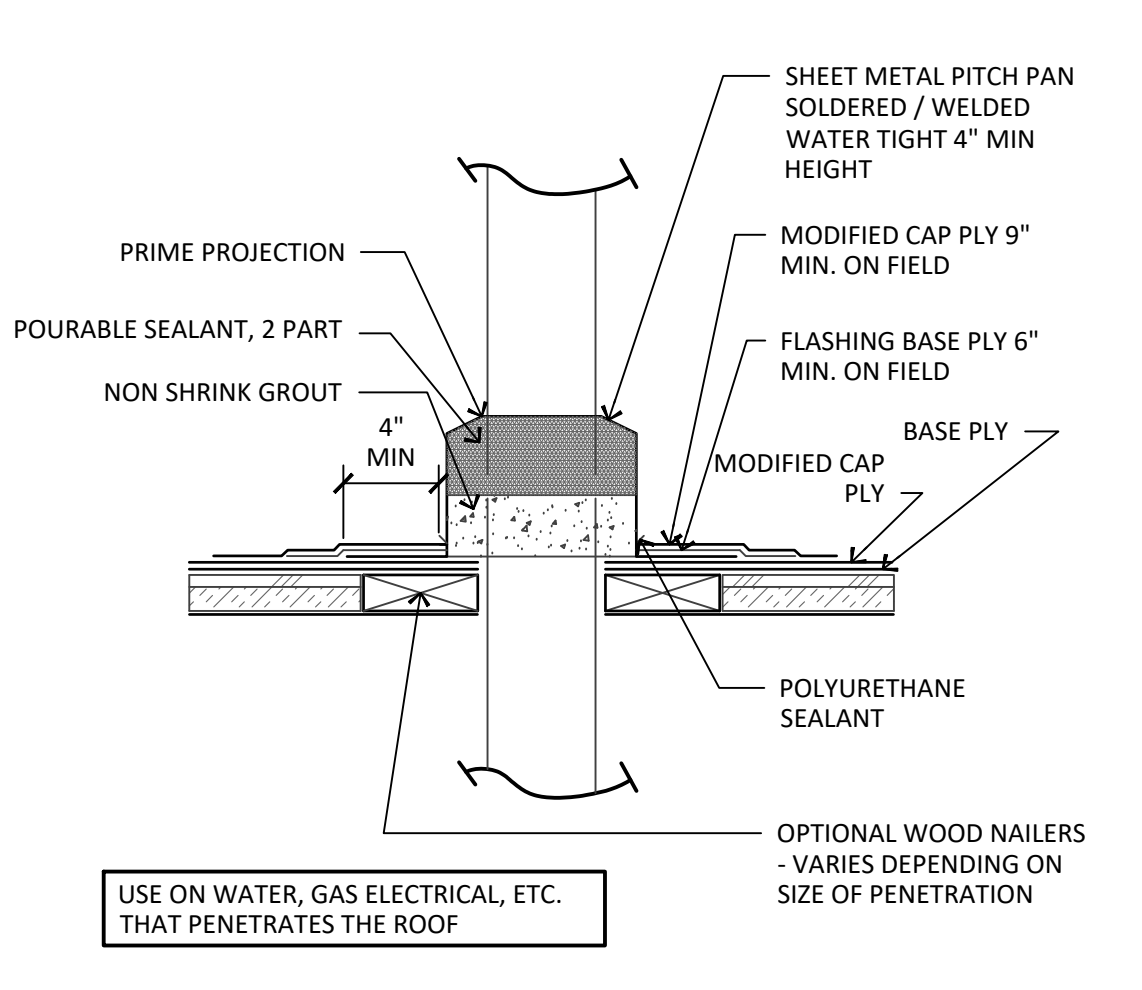
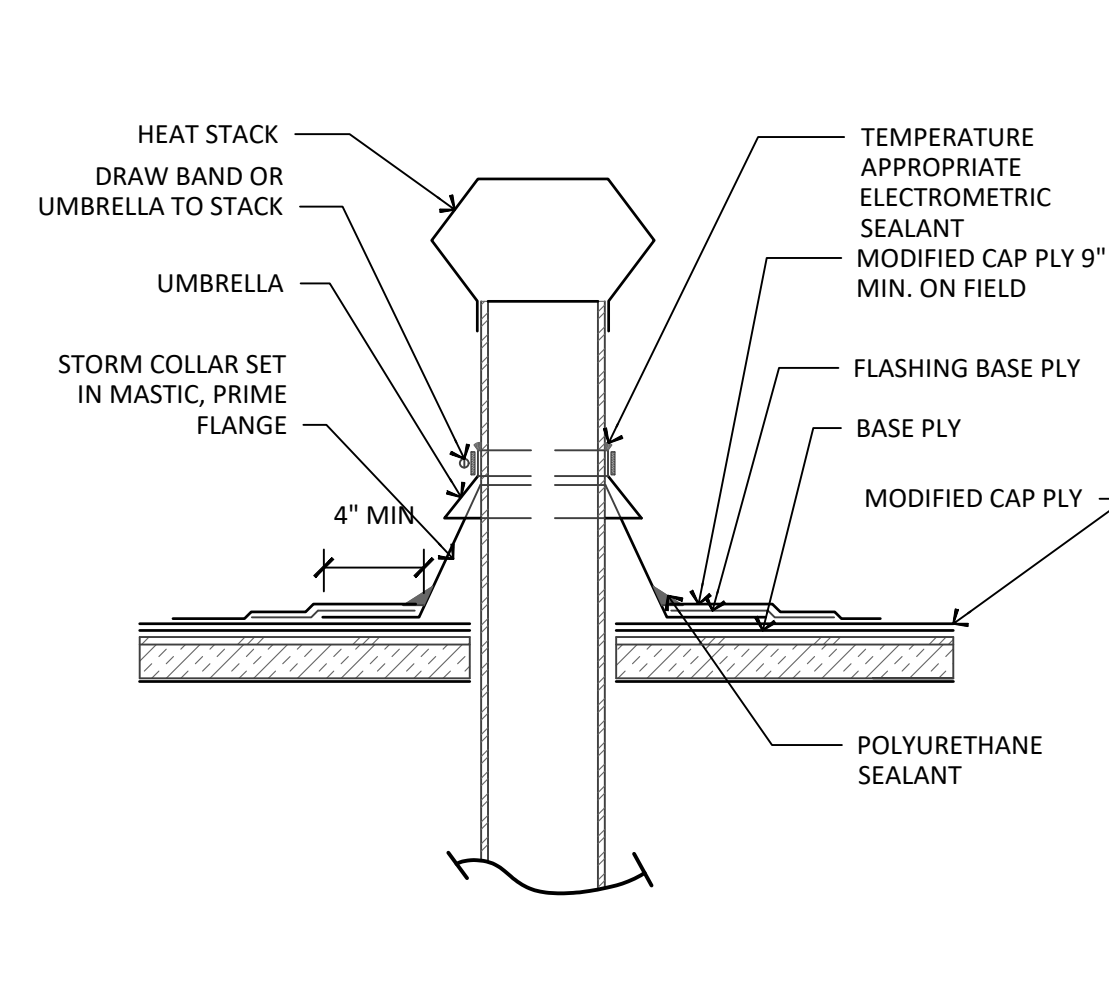
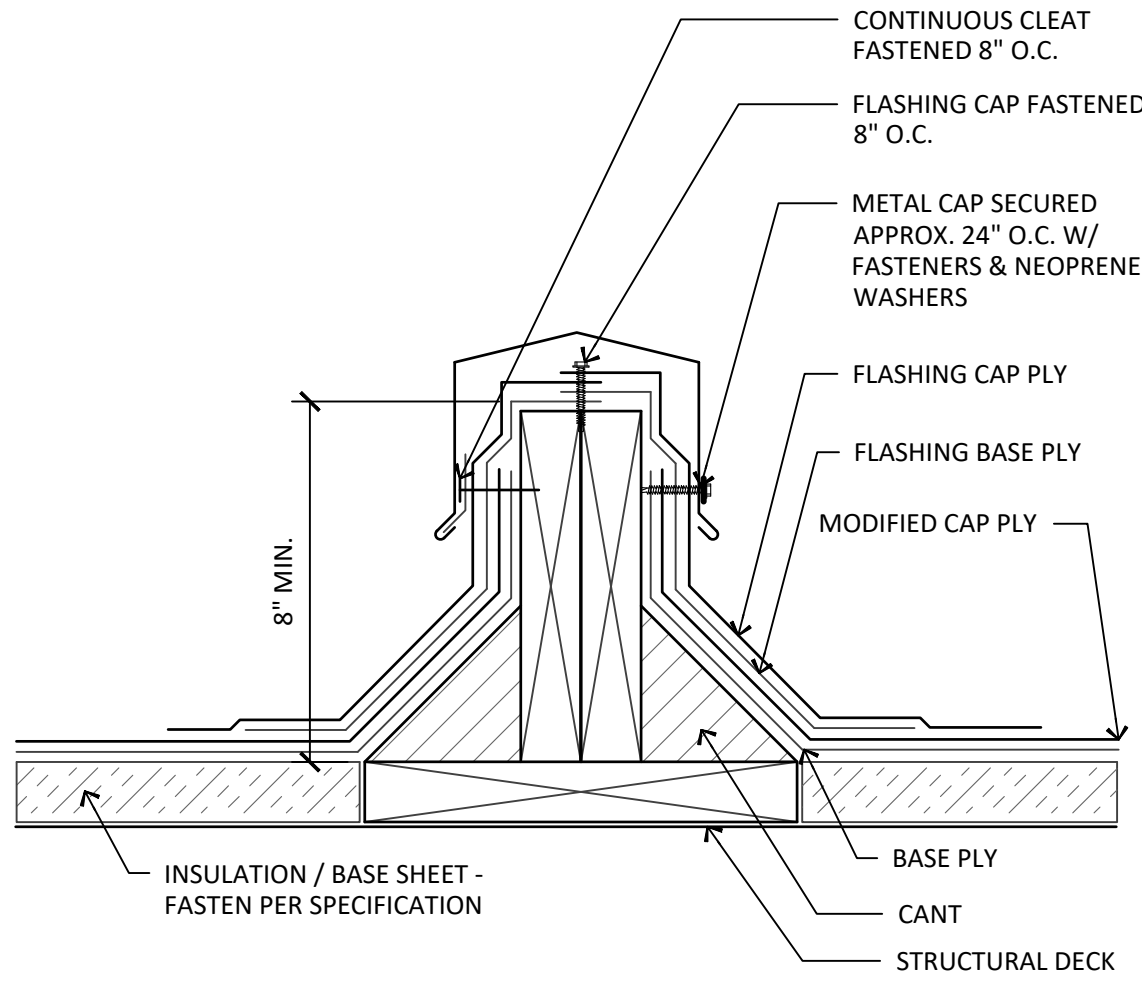
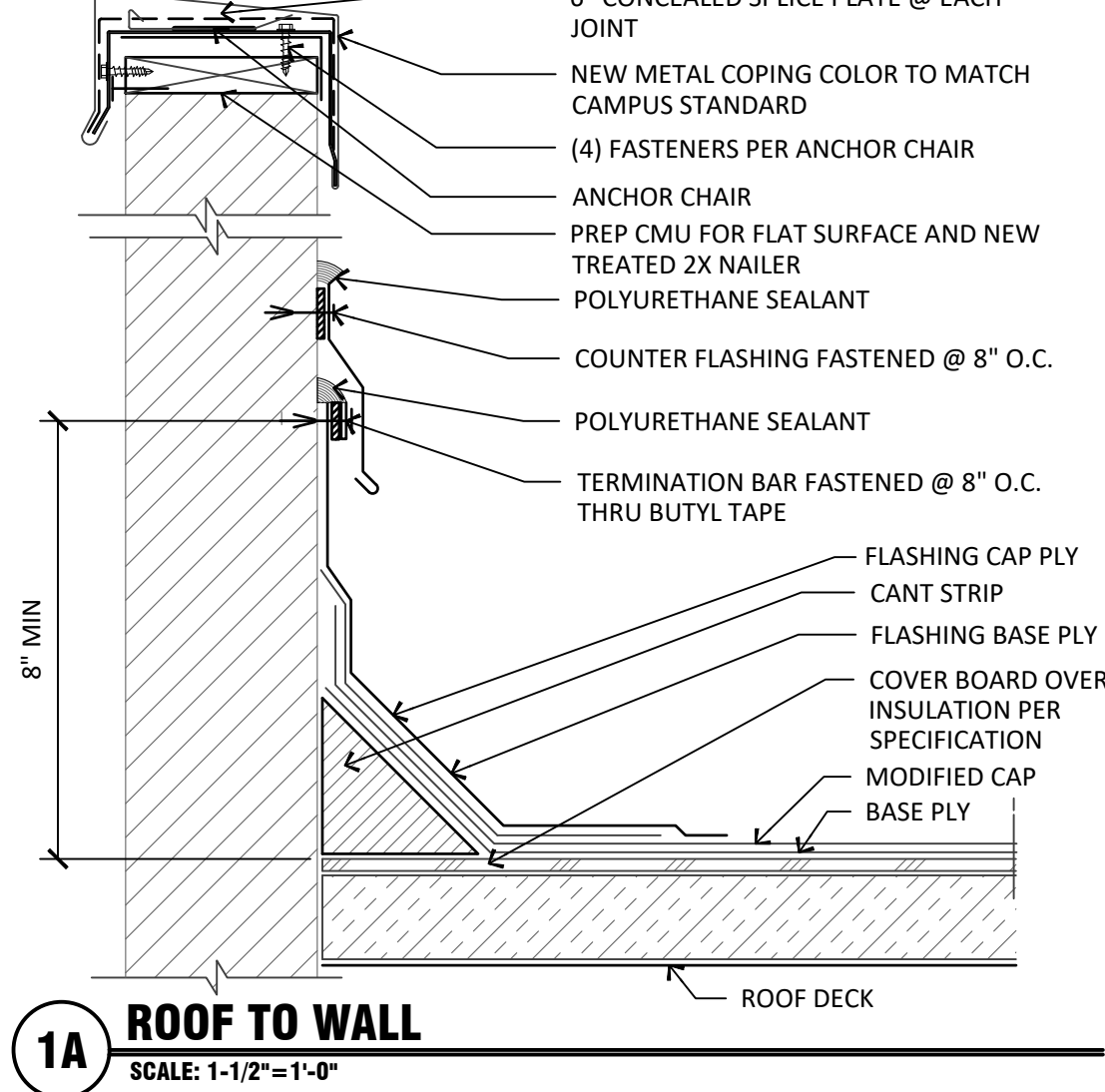
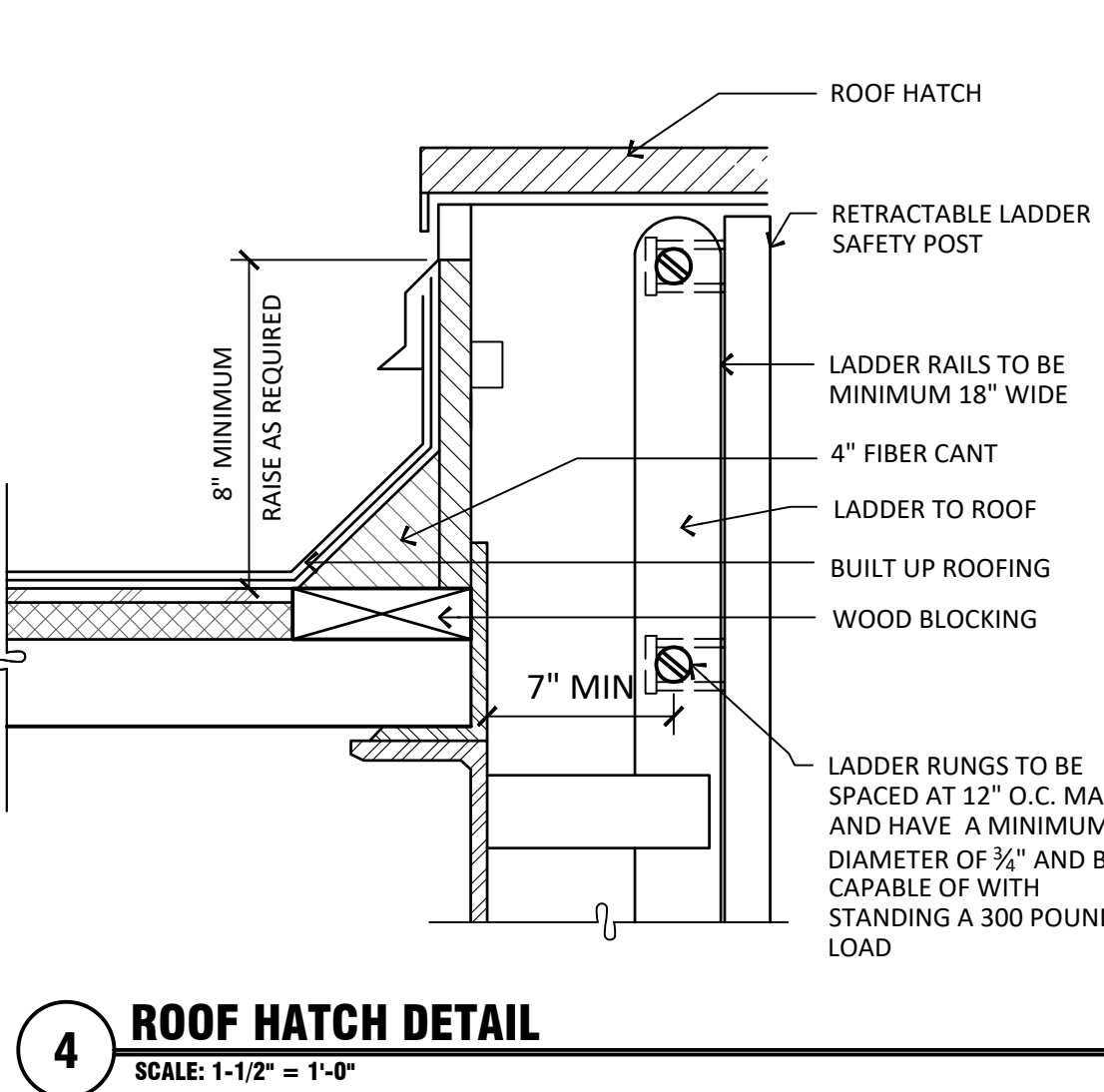
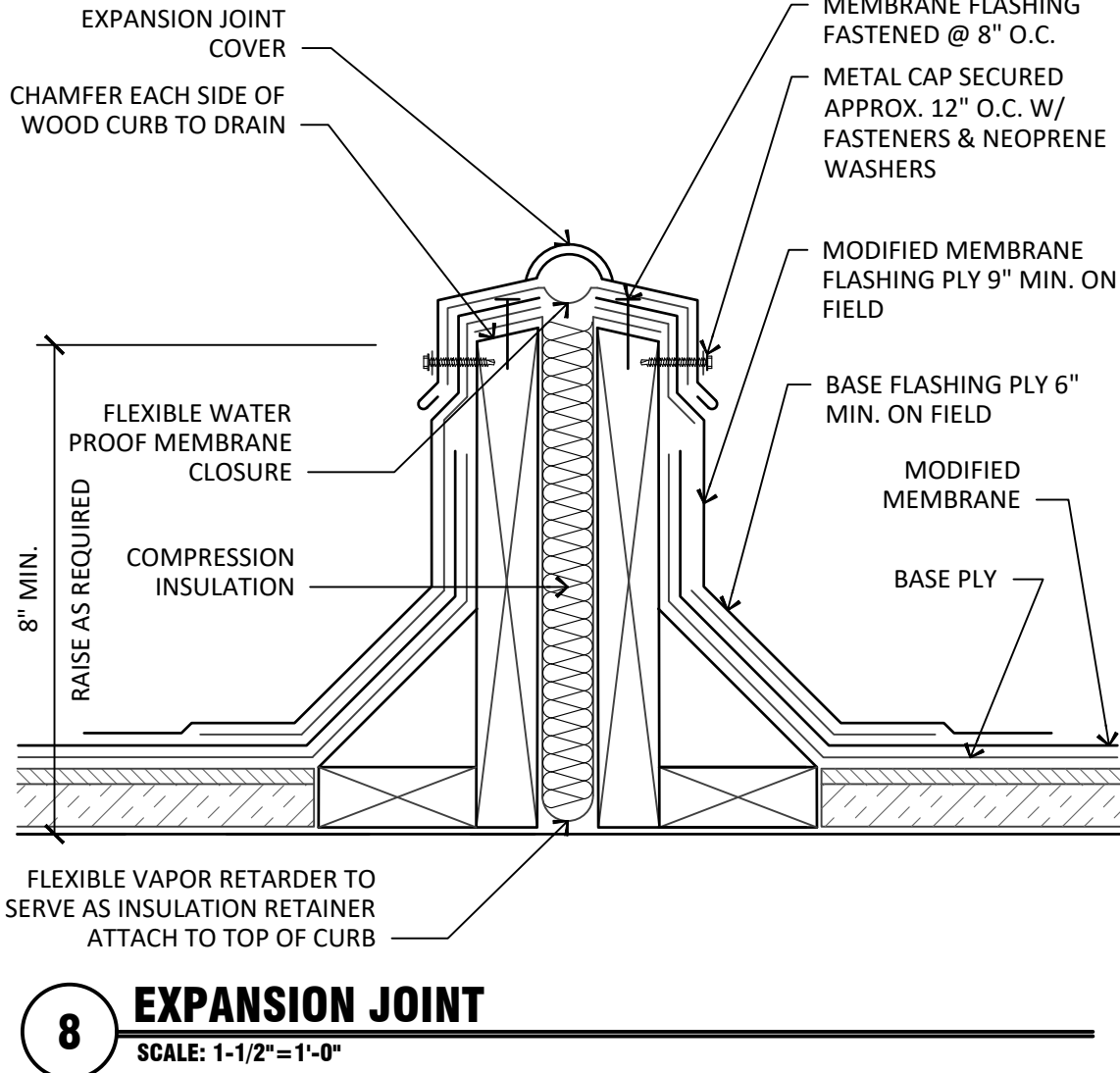
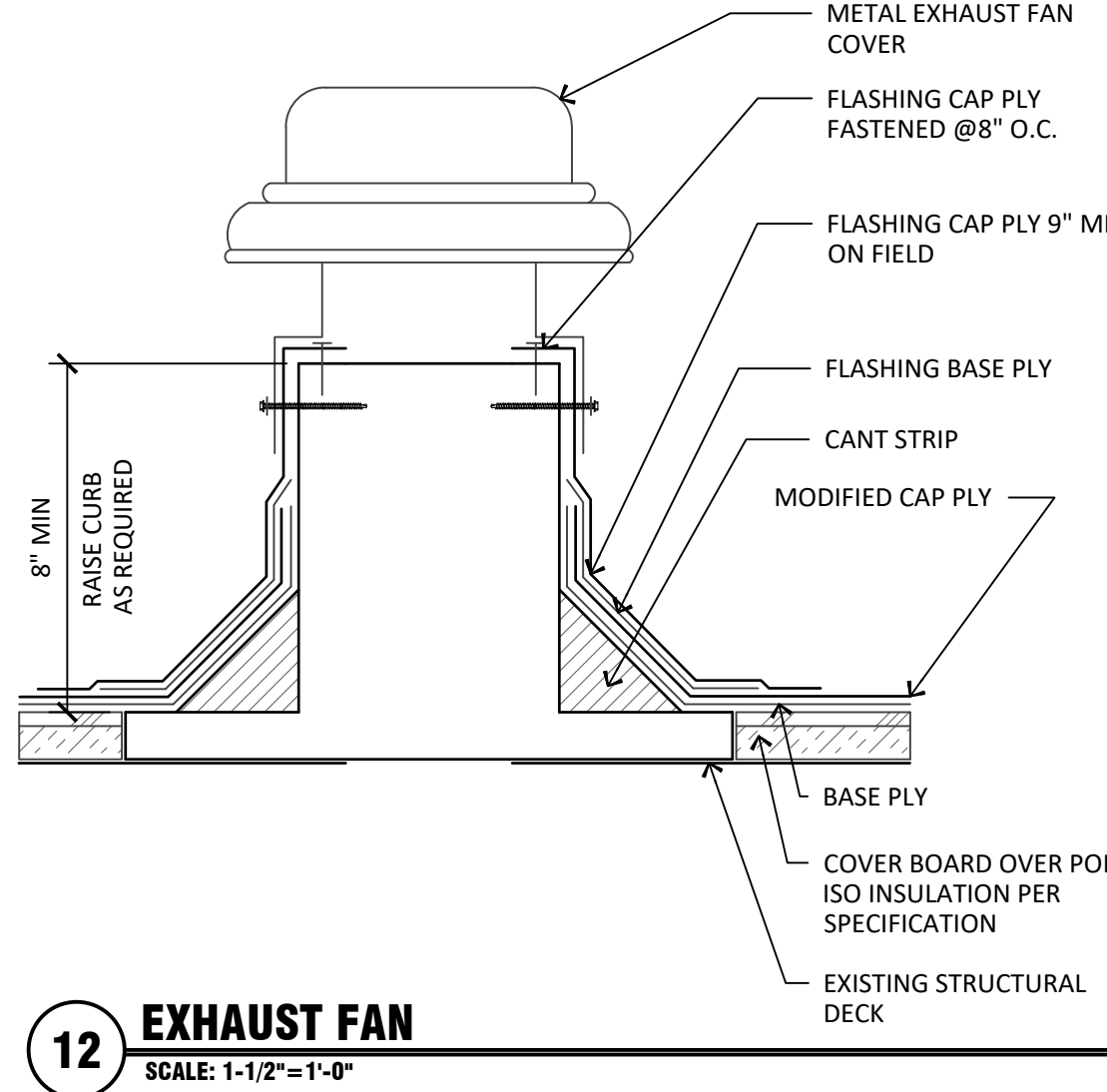
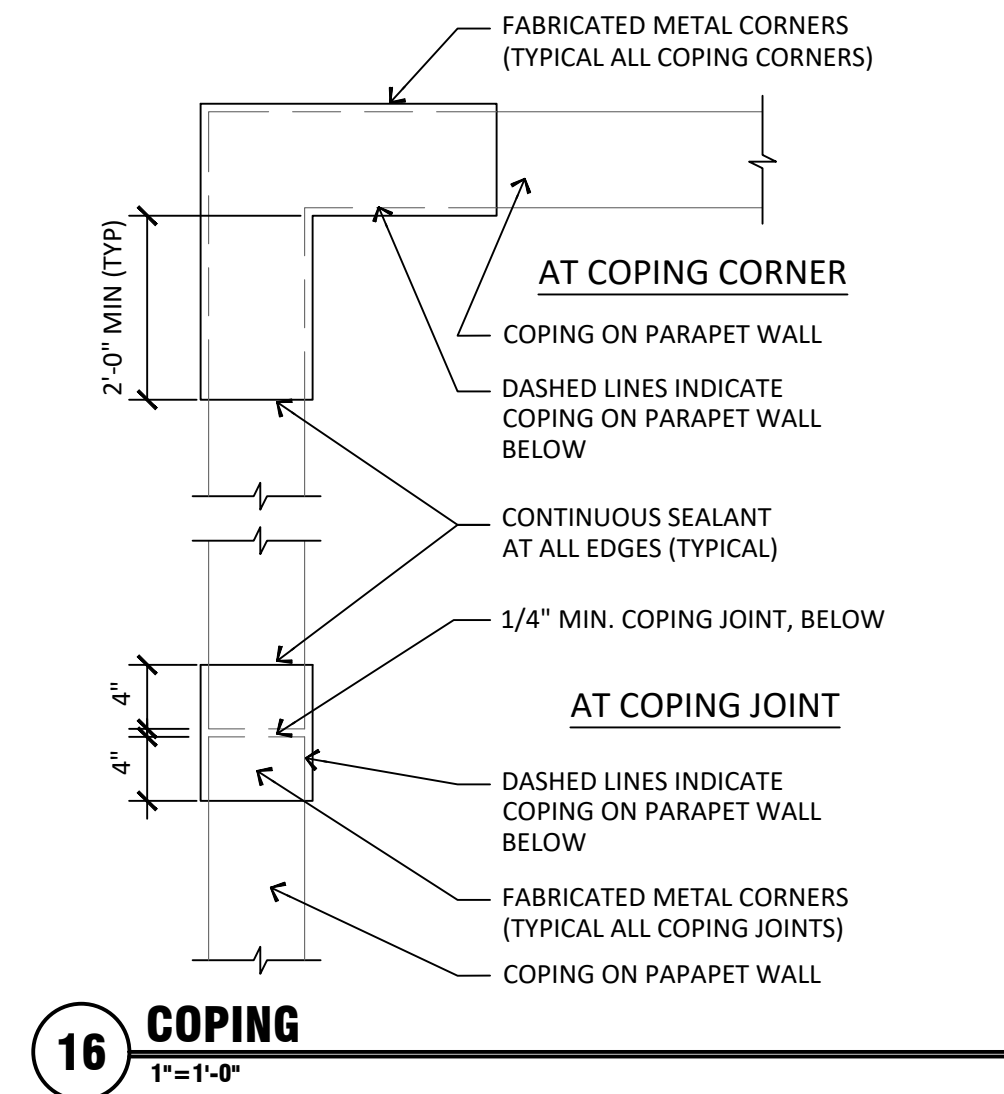
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DRAWING TITLE
BUILDING C (SFB 1015)
ROOF PLAN

DRAWING NUMBER

A1.5



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ROOF DETAILS

DRAWING NUMBER

A2.1