

Project: **Brick Breeden Fieldhouse – West Entrance Roof Retrofit**
Montana State University – Bozeman, Montana

ENGINEER: DCI Engineers
TO: All plan holders of record

Acknowledge receipt of this addendum by entering its number and date in the space provided on the Bid Form. This addendum forms a part of the Contract Documents. It modifies them as follows:

STRUCTURAL DRAWINGS

S2.1 Roof Framing Plan

- Added approximate beam bearing elevation T/BRG = 110'-6" at existing CMU wall for new steel beam and to note height of existing CMU wall to be fully grouted per 13/S5.1. This condition occurs at 6 places at Grid E, and 5 places at Grid J. Final height to be verified in field.
- Added approximate column height T/COL – 115'-0" at Grid G at new HSS 3-1/2x3-1/2x1/4 columns. Final height to be verified in field.

ARCHITECTURAL DRAWINGS

A1.1 Architectural Roof Plan

- **3/A1.1:** Revised note to refer to structural drawings for extent of wood decking removal.

END OF ADDENDUM #2

DRAWN BY	JNH	
REVIEWED BY	JML	
REV	DESCRIPTION	DATE
#	DESCRIPTION	DD/MM
SD	SCHEMATIC DESIGN	04/10/20
CD	95% REVIEW	07/28/20
CD	100% CD	11/01/20
	ADD #1	11/17/20
	ADD #2	11/25/20

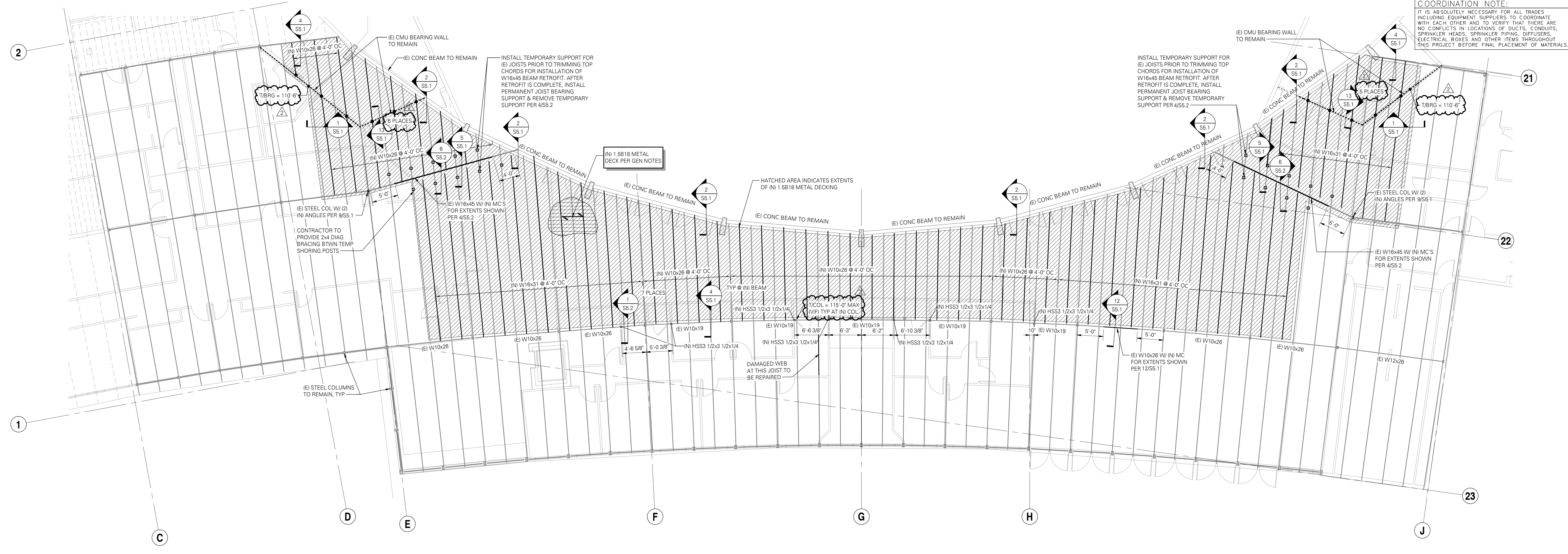
PPA# 19-0172

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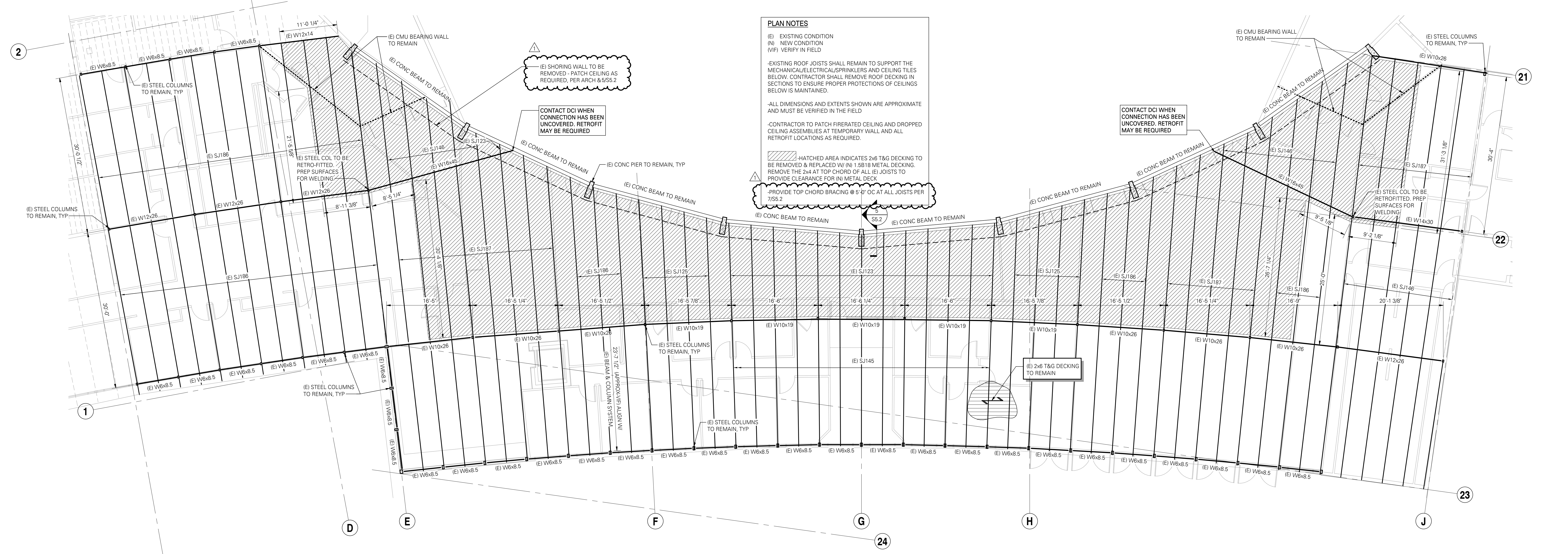
SHEET TITLE
STRUCTURAL - (E) & (N) ROOF FRAMING PLANS

SHEET
S2.1

DATE
11/25/20

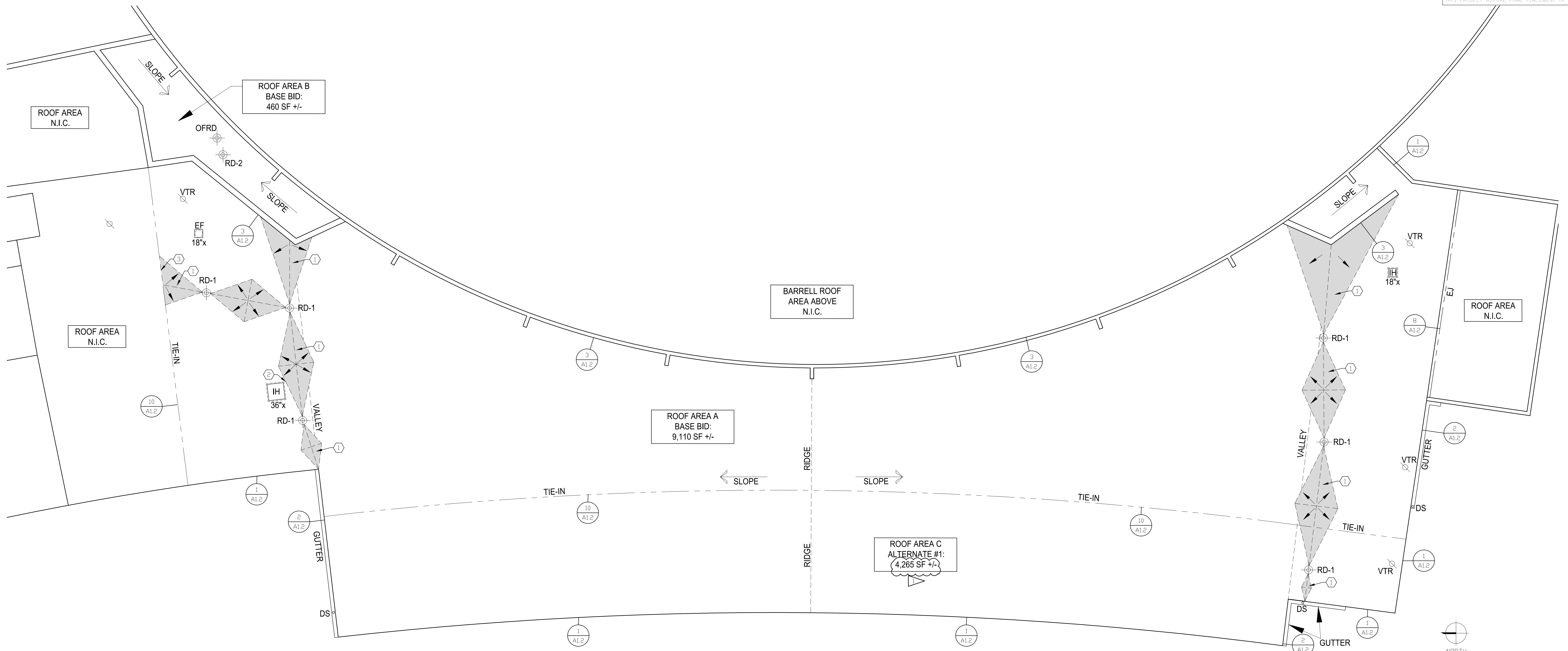


(N) ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

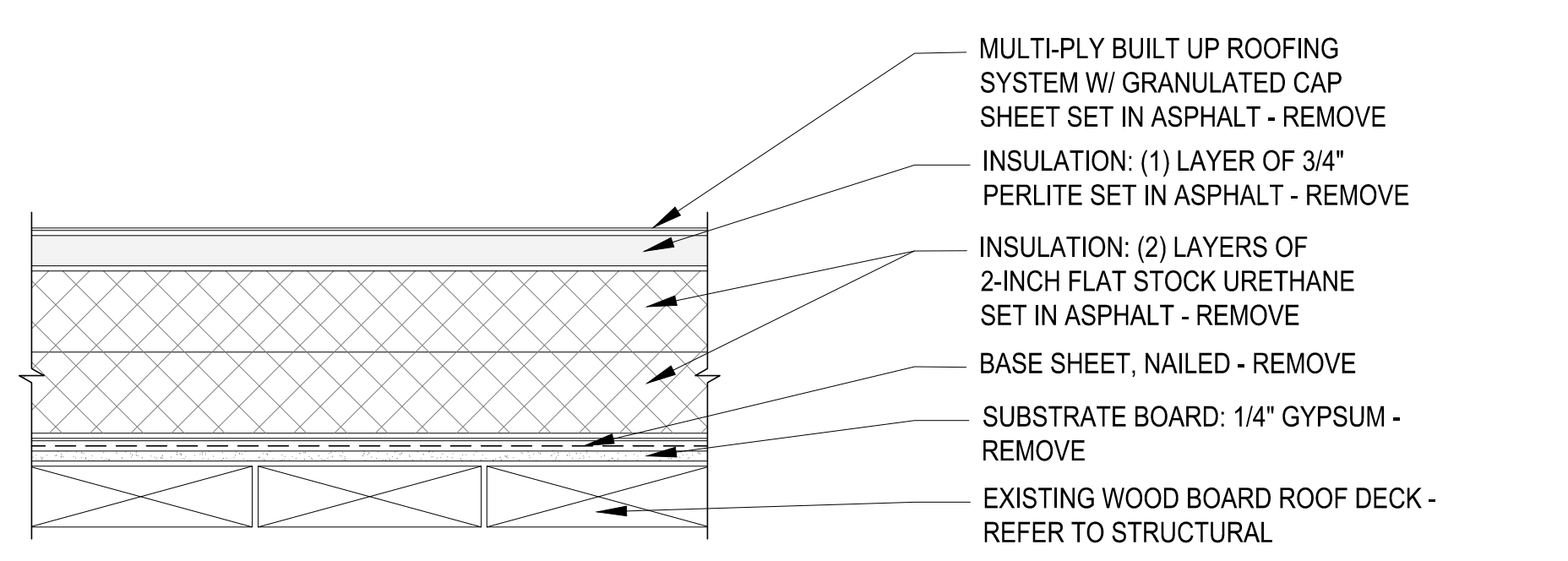


(E) ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

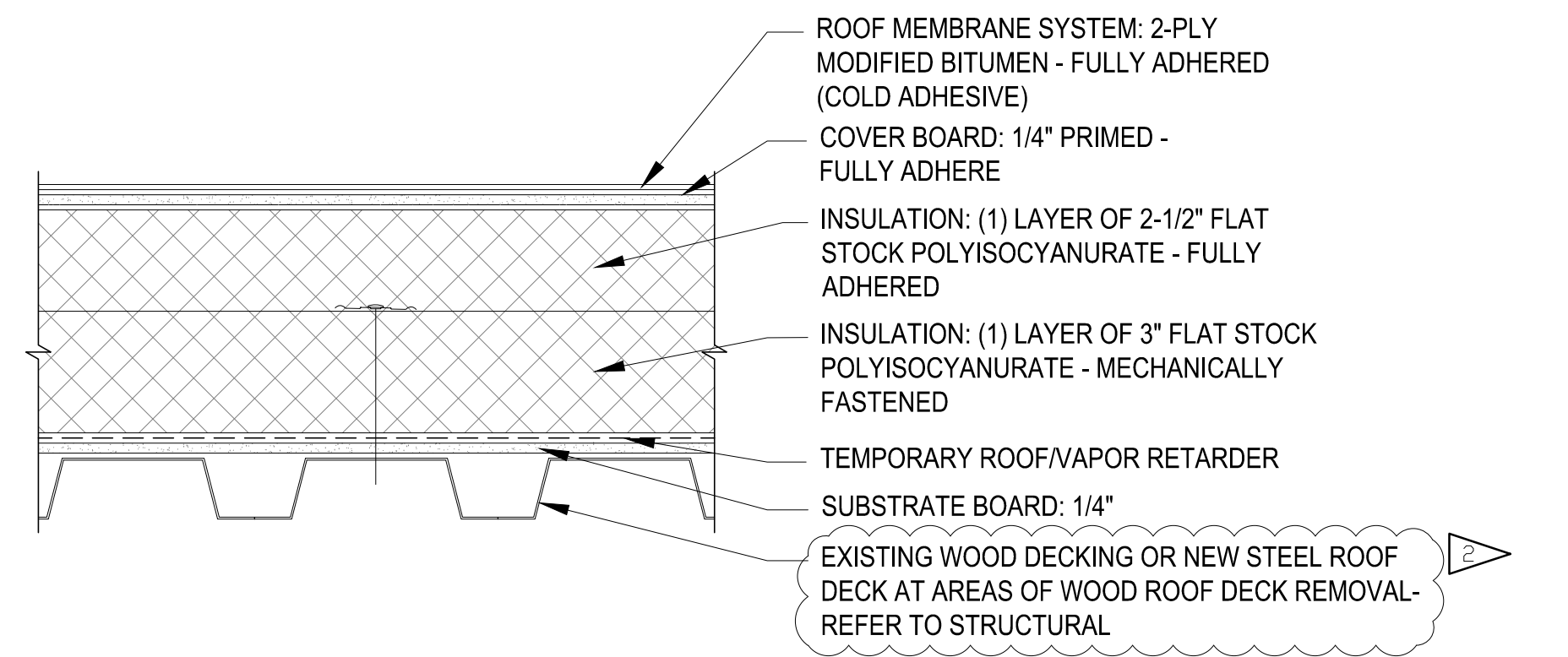
COORDINATION NOTE:
 IT IS ABSOLUTELY NECESSARY FOR ALL TRADES INCLUDING EQUIPMENT SUPPLIERS TO COORDINATE WITH EACH OTHER AND TO VERIFY THAT THERE ARE NO CONFLICTS IN LOCATIONS OF RISERS, CONDUITS, SPRINKLER HEADS, SPRINKLER PIPING, DIFFUSERS, ELECTRICAL BOXES AND OTHER ITEMS THROUGHOUT THIS PROJECT BEFORE FINAL PLACEMENT OF MATERIALS.



1 ROOF PLAN
 1/8"=1'-0"



2 EXISTING ROOF CONSTRUCTION - ROOF AREAS A, B AND C
 3/8"=1'-0"



3 NEW ROOF CONSTRUCTION - ROOF AREAS A, B AND C
 3/8"=1'-0"

GENERAL ROOFING NOTES

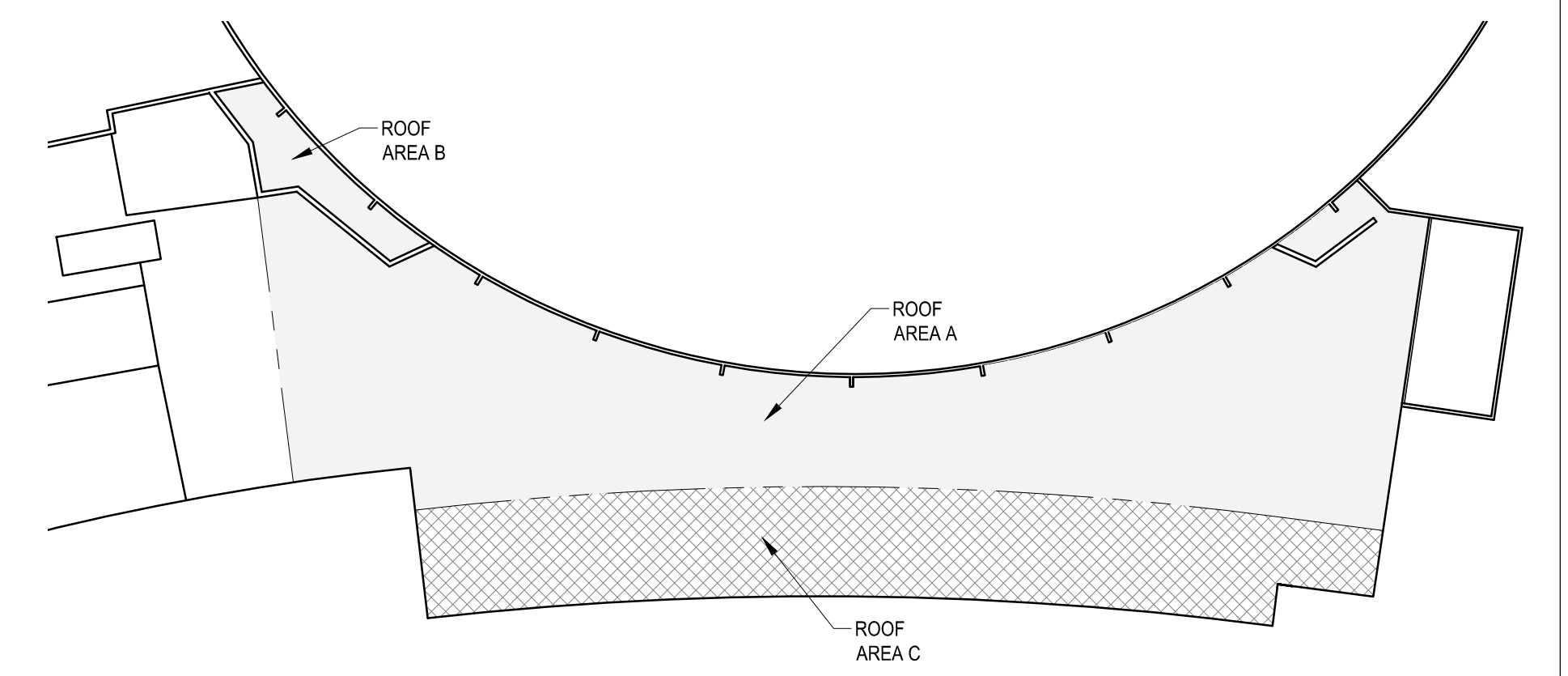
- THE FOLLOWING REFERENCES HAVE BEEN USED AS A BASIS FOR DESIGN OF THE ROOFING RELATED WORK OF THE PROJECT AND SHALL BE USED BY THE CONTRACTOR TO DETERMINE REQUIREMENTS FOR FABRICATION AND/OR INSTALLATION WHEN NOT SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
 - A. NATIONAL ROOFING CONTRACTORS ASSOCIATION (NIRCA) 'ROOFING AND WATER PROOFING MANUAL, FIFTH EDITION'.
 - B. SHEET METAL AND AIR CONDITIONING NATIONAL CONTRACTORS ASSOCIATION (SMACNA) - 'ARCHITECTURAL SHEET METAL MANUAL, FIFTH EDITION'.
 - C. 2018 INTERNATIONAL BUILDING CODE.
 - D. INTERNATIONAL PLUMBING CODE, MOST CURRENT ADOPTED VERSION
 - E. AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) - SEI/ASCE 7-16 'MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES' (REVISION OF SEI/ASCE 7-10).
 - F. MATERIAL MANUFACTURERS MOST RECENT PRINTED SPECIFICATIONS AND INSTALLATION DETAILS.
- PRIOR TO THE START OF WORK THE CONTRACTOR SHALL PROVIDE AND INSTALL PROTECTION OVER, UNDER AND/OR AROUND ALL EXISTING SERVICES LINES, BUILDING COMPONENTS, SIDEWALKS, PAVEMENT AND LANDSCAPING WHICH COULD BE DAMAGED OR SOILED WHILE PERFORMING WORK OF THE CONTRACT.
- DETAILS IN THE PROJECT DRAWINGS ARE SHOWN AT SPECIFIC LOCATIONS AND ARE INTENDED TO SHOW GENERAL REQUIREMENTS THROUGHOUT.
 - A. DETAILS NOTED ARE 'TYPICAL' AND IMPLY ALL SIMILAR CONDITIONS TREATED SIMILARLY. MODIFICATIONS TO BE MADE BY THE CONTRACTOR TO ACCOMMODATE MINOR VARIATIONS WITHOUT ADDITIONAL COST TO THE OWNER.
 - B. COMPONENTS NOT INDICATED AS 'EXISTING' ON ALL PROJECT DRAWINGS SHALL BE CONSIDERED NEW COMPONENTS TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR.
- IN NO CASE SHALL OTHER CONSTRUCTION RELATED WORK BE DOWN, OVER, OR CONSTRUCTION RELATED TRAFFIC BE ROUTED OVER COMPLETED ROOF SECTIONS WITHOUT PROTECTION BEING PLACED OVER NEW ROOF MEMBRANE/SINGLES. PROTECTION SHALL CONSIST OF THE FOLLOWING (BOTTOM TO TOP),
 - A. 1-INCH EXPANDED POLYSTYRENE
 - B. 10-MIL POLYETHYLENE
 - C. 1/2" PLYWOOD
 - D. WEIGH DOWN ALL PROTECTION MATERIALS TO PREVENT DISPLACEMENT BY WIND.
- NOTE: NEW ROOF AREAS THAT HAVE NOT BEEN PROTECTED FROM CONSTRUCTION RELATED TRAFFIC AS SPECIFIED ABOVE SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE WALKPADS AROUND ALL ROOF TOP EQUIPMENT.
- PROVIDE CRICKETS ON THE UP SLOPE SIDE OF ALL ROOF CURBS AS REQUIRED FOR DRAINAGE.
- FIELD VERIFY ALL DIMENSIONS.

ROOF SYMBOL LEGEND

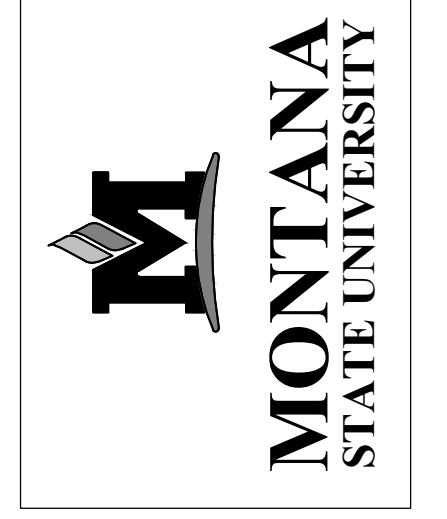
- RD-1 NEW ROOF DRAIN AT EXISTING LOCATION - INSTALL PER DETAIL 7/A1.2
- RD-2 EXISTING ROOF DRAIN - REFER TO DETAIL 7/A1.2 FOR SIMILAR
- OFRD EXISTING OVERFLOW ROOF DRAIN - REFER TO DETAIL 7/A1.2 FOR SIMILAR
- EFD EXHAUST FAN CURB (ELEC. OR SERVICEABLE) - REFER TO DETAIL 4/A1.2
- IH INTAKE HOOD/VENT (NO ELEC.) - REFER TO DETAIL 4/A1.2
- VTR PLUMBING VENT THROUGH ROOF - FLASH PER DETAIL 5/A1.2
- PARAPET/ROOF TO WALL - REFER TO DETAIL 3/A1.2
- CONCRETE COLUMNS THROUGH ROOF - INSTALL BASEFLASHING PER DETAIL 3/A1.2
- ROOF EDGE - REFER TO DETAIL 1/A1.2
- ROOF EDGE W/ GUTTER - REFER TO DETAIL 2/A1.2
- GUTTER
- DS LOCATION OF NEW GUTTER DOWNSPOUT - REFER TO DETAIL 8/A1.2
- RIDGE ROOF SLOPE RIDGE LINE
- VALLEY ROOF SLOPE VALLEY LINE
- TIE-IN NEW TO EXISTING ROOF TIE-IN - REFER TO DETAIL 10/A1.2
- EJ EXPANSION JOINT AT NEW TO EXISTING ROOF SECTION - INSTALL PER DETAIL 8/A1.2
- SLOPE DIRECTION OF FINISHED ROOF SLOPE FROM SLOPING STRUCTURE
- DIRECTION OF FINISHED ROOF SLOPE FROM TAPERED INSULATION / CRICKETS
- TAPERED INSULATION / CRICKET (light shade)
- ROOF PLAN NOTE
- AREA ** APPROXIMATE - FIELD VERIFY
- ### SF APPROXIMATE - FIELD VERIFY

ROOF PLAN NOTES:

- INSTALL 1/2" IN 12" TAPERED POLYISOCYANURATE CRICKET
- INSTALL CRICKET AS REQUIRED TO CLEAR EDGE OF CURB AS INDICATED
- INSTALL CRICKET AS REQUIRED TO MATCH HEIGHT AND WIDTH OF CRICKET OF ADJACENT SECTION AT NEW TO EXISTING ROOF TIE-IN



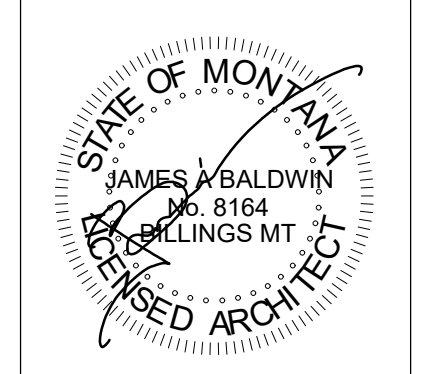
KEY PLAN
 NO SCALE:



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100% CONSTRUCTION DOCUMENTS
Brick Breeden
Fieldhouse
 West Entrance Roof Retrofit



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REVIEWED BY: BALDWIN		
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SHEET
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