

STATE OF IOWA - DEPARTMENT OF ADMINISTRATIVE SERVICES RFB 945700-01
CMBA ARCHITECTS PROJECT NUMBER: 25111



GENERAL NOTES

- THE GENERAL NOTES APPLY TO ALL CONSTRUCTION DOCUMENTS
- A** TYPICAL AT ALL MECHANICAL/ELECTRICAL EQUIPMENT, VENTS, HOODS & PENETRATIONS - UNITS TO REMAIN AFTER CONSTRUCTION. CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED PRODUCT FOR FLASHING OF UNITS. FIELD VERIFY QUANTITY, SIZE AND LOCATION.
- B** TEST & REPAIR DRAIN ASSEMBLIES & CONNECTIONS AT ALL STAGING AREAS AND DRAIN WITHIN ROOF REPAIR/CHANGING AREAS. ASSEMBLIES & CONNECTIONS SHALL REMAIN WATER TIGHT UPON COMPLETION OF ROOF. REMOVE & REPLACE INSULATION AS REQUIRED.
- C** ALL SURFACES AFFECTED BY THE REMOVAL OR DEMOLITION OF ITEMS SHALL BE CLEANED, REPAIRED, AND PREPARED TO RECEIVE NEW FINISHES TO THAT OF MANUFACTURER STANDARDS.
- D** REMOVE ONLY AS MUCH MATERIALS AS CAN BE REPLACED THE SAME DAY. BUILDING TO REMAIN WATER TIGHT AT ALL TIMES.
- E** VERIFY TAPERED ROOF INSULATION THICKNESS TO ASSURE POSITIVE ROOF DRAINAGE FROM ALL ROOF AREAS. PONDING WATER WILL NOT BE ACCEPTED. NEW TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4 INCH PER FOOT OF SLOPE TO ROOF DRAIN, UNLESS NOTED OTHERWISE.
- F** PROVIDE BLOCKING AS REQUIRED FOR MECHANICAL, UTILITY, OR ELECTRICAL CONDUIT/PIPE. FIELD VERIFY.
- G** PARAPET FASCIA & COPING HEIGHTS VARY. FIELD VERIFY ALL PARAPET WIDTHS AND LENGTHS.
- H** REPLACE ALL DRAIN BASKETS IN AREA OF NEW WORK.
- I** COORDINATE WITH OWNER FOR REQUIRED DISCONNECTION OF EXISTING ROOF TOP EQUIPMENT. REMOVE EQUIPMENT AND STORE AS DIRECTED BY OWNER. COORDINATE REPLACEMENT METHODS AND SCHEDULES WITH OWNERS.
- J** INSPECT AREA UNDER METAL DECK FOR UTILITY, ELECTRICAL, MECHANICAL COMPONENTS PRIOR TO NOTING FASTENERS AND PLATES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGED ELECTRICAL, MECHANICAL COMPONENTS.
- K** CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROTECTION AND/OR PATCHING/REPAIRING ANY EXISTING CONDITIONS THAT ARE DAMAGED DURING THE SCOPE OF CONSTRUCTION/TASKING INCLUDING BUT NOT LIMITED TO: EXISTING GLAZING, CURBS, CONCRETE, GRADING, LANDSCAPING, SIDEWALKS, LAWN, MASONRY, EIFS, WALL ASSEMBLIES, ETC/ETC/EA.
- L** OWNER IS RESPONSIBLE FOR ALL HAZARDOUS MATERIAL ABATEMENT. COORDINATE WITH OWNER ON MATERIALS IN ROOF ASSEMBLIES.

ROOF LEGEND

- MH MECHANICAL HOOD
EF EXHAUST FAN
CU EXISTING CONDENSING UNIT
RTU EXISTING ROOF TOP UNIT & DUCT
VTR VENT THROUGH ROOF
RD ROOF DRAIN
OF OVERFLOW DRAIN
EH EXHAUST HOOD
MV EXISTING WIND/VENTED MEMBRANE VENT - REMOVE & DISPOSE
OFS OVERFLOW THROUGH WALL SCUPPER
OFS OVERFLOW THROUGH WALL SCUPPER
EXISTING ROOF SYSTEM TO REMAIN
INSULATION CROCKET
RUBBER PAVER WALK PAD
ROOF SECTION DEGRADATION
- NOTE: FOR CLARITY NOT ALL MECHANICAL EQUIPMENT IS LABELED. CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT AND COORDINATE REMOVAL AND REPLACEMENT WITH DESIGN TEAM AND OWNER.

DEMOLITION KEYNOTES

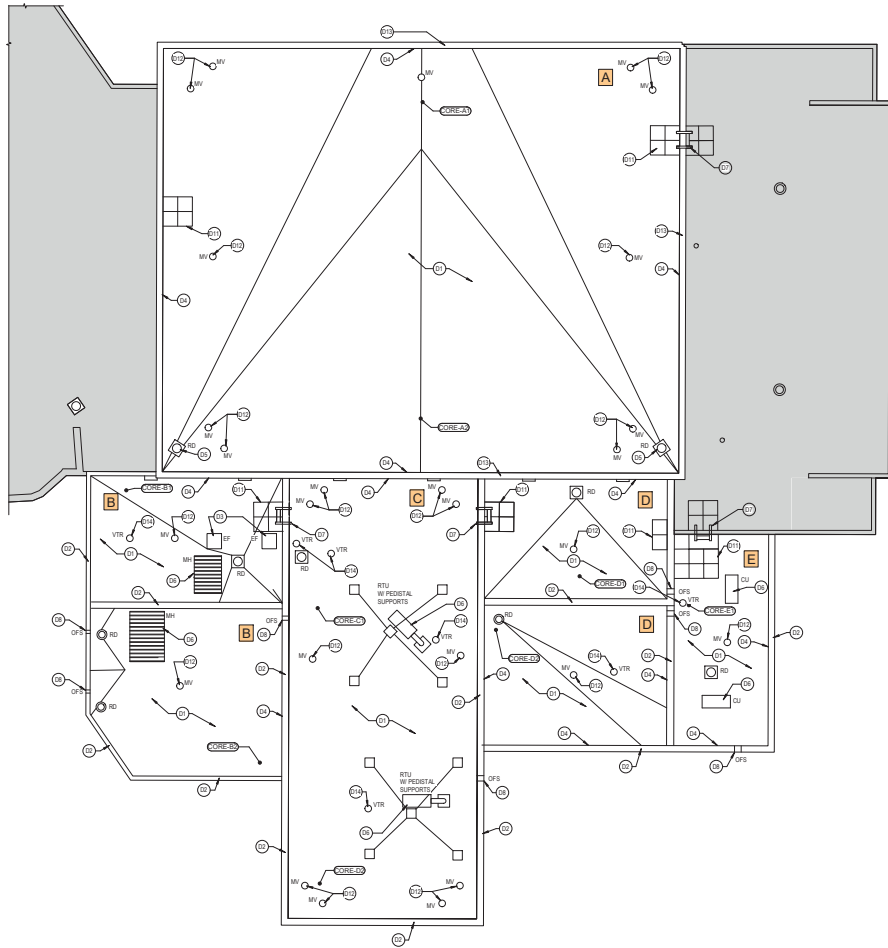
- (1) REMOVE EXISTING ROOF SYSTEM AND DISPOSE OF MATERIALS.
(2) REMOVE AND DISPOSE OF EXISTING METAL PARAPET CAP. PREPARE AREA TO RECEIVE NEW FINISHES.
(3) EXHAUST FAN TO REMAIN.
(4) REMOVE AND DISPOSE OF EXISTING TERMINATION BAR & SEALANT AND ANY EXISTING COUNTER FLASHING. PREPARE AREA TO RECEIVE NEW FINISHES.
(5) EXISTING ROOF DRAIN ASSEMBLY TO REMAIN. INSPECT ROOF DRAIN/INSULATION CONNECTIONS TO REMAIN. REPAIR ASSEMBLIES AS REQUIRED TO WARRANTY WATER TIGHT CONNECTION AND SEAL.
(6) EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT TO REMAIN IN PLACE DURING CONSTRUCTION.
(7) REMOVE AND DISPOSE OF EXISTING ROOF ACCESS LADDER. PATCH BACK WALL AND ROOF AT ALL CONNECTION LOCATIONS TO MATCH EXISTING.
(8) REMOVE AND DISPOSE OF EXISTING MEMBRANE AND SHEET METAL FLASHING AT EXISTING THROUGH WALL SCUPPER.
(9) REMOVE AND REPLACE MEMBRANE WRAPPED UP EXISTING WALL.
(10) EXISTING ROOF OPENINGS.
(11) REMOVE EXISTING CONCRETE ROOF PAVERS.
(12) REMOVE EXISTING MEMBRANE VENT.
(13) STONE CAP TO REMAIN.
(14) VENT THROUGH ROOF TO REMAIN.

REVISIONS

NO.	DESCRIPTION	DATE
-----	-------------	------

IF THIS DRAWING IS NOT 30"x42" IT IS NOT TO SCALE

© COPYRIGHT 2025. Permission to reproduce or part of this drawing is hereby granted solely to the design professional of record for use in connection with the project. Reproduction, copying, distribution or use in any other manner without written permission of Council Bluffs High School is prohibited.



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

CORE SAMPLE ROOF ASSEMBLIES			
CORE #	STRUCTURE	ASSEMBLY LAYERS	MEMBRANE
CORE A1	METAL DECK	1" x 1/4" TOTAL THICKNESS: 1" BUILT UP ROOF W/ BALLAST / 1" POLYISO INSULATION LAYER / 1" COVER BOARD	WIND VENTED LOOSE LAD EPDM
CORE A2	METAL DECK	1" x 1/4" TOTAL THICKNESS: 1" BUILT UP ROOF W/ BALLAST / 1" POLYISO INSULATION LAYER / 1" COVER BOARD	WIND VENTED LOOSE LAD EPDM
CORE B1	METAL DECK	1" x 1/4" TOTAL THICKNESS: 1" BUILT UP ROOF W/ BALLAST / 1" POLYISO INSULATION LAYER / 1" RTU DUCT / 1" COVER BOARD	WIND VENTED LOOSE LAD EPDM
CORE B2	METAL DECK	1" x 1/4" TOTAL THICKNESS: 1" BUILT UP ROOF W/ BALLAST / 1" POLYISO INSULATION LAYER / 1" RTU DUCT / 1" COVER BOARD	WIND VENTED LOOSE LAD EPDM
CORE C1	METAL DECK	1" x 1/4" TOTAL THICKNESS: 1" BUILT UP ROOF W/ BALLAST / 1" POLYISO INSULATION LAYER / 1" COVER BOARD	WIND VENTED LOOSE LAD EPDM
CORE C2	METAL DECK	1" x 1/4" TOTAL THICKNESS: 1" BUILT UP ROOF W/ BALLAST / 1" POLYISO INSULATION LAYER / 1" COVER BOARD	WIND VENTED LOOSE LAD EPDM
CORE D1	METAL DECK	1" x 1/4" TOTAL THICKNESS: 1" BUILT UP ROOF W/ BALLAST / 1" POLYISO INSULATION LAYER / 1" COVER BOARD	WIND VENTED LOOSE LAD EPDM
CORE D2	METAL DECK	1" x 1/4" TOTAL THICKNESS: 1" BUILT UP ROOF W/ BALLAST / 1" POLYISO INSULATION LAYER / 1" COVER BOARD	WIND VENTED LOOSE LAD EPDM
CORE E1	METAL DECK	1" x 1/4" TOTAL THICKNESS: 1" BUILT UP ROOF W/ BALLAST / 1" POLYISO INSULATION LAYER / 1" COVER BOARD	WIND VENTED LOOSE LAD EPDM



1



2



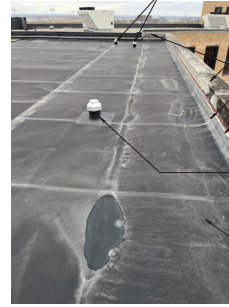
3



4



5



6



7



8



9



10



11



12



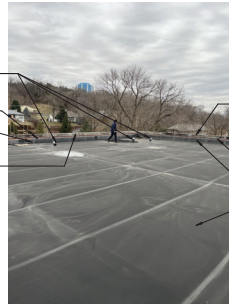
13



14



15



16



17



18

GENERAL NOTES

- THE GENERAL NOTES APPLY TO ALL CONSTRUCTION DOCUMENTS
- A** TYPICAL AT ALL MECHANICAL/ELECTRICAL EQUIPMENT, VENTS, HOODS & PENETRATIONS - UNITS TO REMAIN AFTER CONSTRUCTION. CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED PROTECTIVE FLASHING FOR FLASHING OF UNITS, FIELD VERIFY QUANTITY, SIZE AND LOCATION.
- B** TEST & REPAIR DRAIN ASSEMBLIES & CONNECTIONS AT ALL STAGING AREAS AND DRAIN WITHIN ROOF. REPAIR/REPLACE ASSEMBLIES & CONNECTIONS SHALL REMAIN WATER TIGHT UPON COMPLETION OF ROOF. REMOVE & REPLACE INSULATION AS REQUIRED.
- C** ALL SURFACES AFFECTED BY THE REMOVAL OR DEMOLITION OF ITEMS SHALL BE CLEANED, REPAIRED, AND PREPARED TO RECEIVE NEW FINISHES TO THAT OF MANUFACTURER'S STANDARDS.
- D** REMOVE ONLY AS MUCH MATERIALS AS CAN BE REPLACED THE SAME DAY. BUILDING TO REMAIN WATER TIGHT AT ALL TIMES.
- E** VERIFY TAPERED ROOF INSULATION THICKNESS TO ASSURE POSITIVE ROOF DRAINAGE FROM ALL ROOF AREAS. PENETRATIONS WILL NOT BE ACCEPTED. NEW TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4" DRAINAGE FOOT OF SLOPE TO ROOF DRAINS. UNLESS NOTED OTHERWISE.
- F** PROVIDE BLOODING AS REQUIRED FOR MECHANICAL, UTILITY, OR ELECTRICAL PENETRATIONS. FIELD VERIFY ALL PARAPET WALLS AND LENGTHS.
- G** PARAPET FLASHING & COPING HEIGHTS VARY. FIELD VERIFY ALL PARAPET WALLS AND LENGTHS.
- H** REPLACE ALL DRAIN BASKETS IN AREA OF NEW WORK.
- I** COORDINATE WITH OWNER FOR REQUIRED DISCONNECTION OF EXISTING ROOF TOP EQUIPMENT. REMOVE EQUIPMENT AND STORE AS DIRECTED BY OWNER. COORDINATE REPLACEMENT METHODS AND SCHEDULE WITH OWNER.
- J** INSPECT AREA UNDER METAL DECK FOR UTILITY, ELECTRICAL, MECHANICAL, COMPONENTS PRIOR TO INSTALLING FASTENERS AND PLATES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGED ELECTRICAL, MECHANICAL COMPONENTS.
- K** CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROTECTION AND/OR PATCHING/REPLACING ANY EXISTING CONDITIONS THAT ARE DAMAGED DURING THE SCOPE OF CONSTRUCTION (FACING) INCLUDING BUT NOT LIMITED TO: EXISTING GLAZING, CURBS, CONCRETE, GRADING, LANDSCAPING, SIDEWALKS, LAWN, MASONRY, EPIF WALL ASSEMBLIES, ETCETERA.
- L** OWNER IS RESPONSIBLE FOR ALL HAZARDOUS MATERIAL ABATEMENT. COORDINATE WITH OWNER ON MATERIALS ABATEMENT.

DEMOLITION NOTES

- (1)** REMOVE EXISTING ROOF SYSTEM AND DISPOSE OF MATERIALS.
- (2)** REMOVE AND DISPOSE OF EXISTING METAL PARAPET CAP. PREPARE AREA TO RECEIVE NEW FINISHES.
- (3)** EXHAUST FAN TO REMAIN.
- (4)** REMOVE AND DISPOSE OF EXISTING TERMINATION BAR & SEALANT AND ANY EXISTING COUNTER FLASHING. PREPARE AREA TO RECEIVE NEW FINISHES.
- (5)** EXISTING ROOF DRAIN ASSEMBLY TO REMAIN. INSPECT ROOF DRAIN/VENT CONNECTIONS AND REPLACE ASSEMBLY AS REQUIRED TO MAINTAIN WATER/TIGHT CONNECTION AND SEAL.
- (6)** EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT TO REMAIN IN PLACE DURING CONSTRUCTION.
- (7)** REMOVE AND DISPOSE OF EXISTING ROOF ACCESS LADDER PATCH BACK WALL AND ROOF AT ALL CONNECTION LOCATIONS TO MATCH EXISTING.
- (8)** REMOVE AND DISPOSE OF EXISTING MEMBRANE AND SHEET METAL FLASHING AT EXISTING THROUGH WALL SCUPPER.
- (9)** REMOVE AND REPLACE MEMBRANE WRAPPED UP EXISTING WALL EXISTING ROOF OPENINGS.
- (10)** REMOVE EXISTING CONCRETE ROOF PAVERS.
- (11)** REMOVE EXISTING MEMBRANE VENT.
- (12)** STONE CAP TO REMAIN.
- (13)** VENT THROUGH ROOF TO REMAIN.

REVISIONS

NO.	DESCRIPTION	DATE

IF THIS DRAWING IS NOT 30"x42" IT IS NOT TO SCALE

CMBA ARCHITECTS
1111 13TH ST, STE 205
OMAHA, NE 68102
(P) 402.346.6891



DATE
03.28.2025
PROJECT
9470001

ROOF DEMOLITION DETAILS

DOE ISD HIGH SCHOOL SCHOOL
ROOF REPLACEMENT
COUNCIL BLUFFS, IA

SHEET
A2.01

GENERAL NOTES

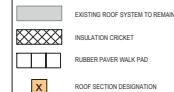
- A** SEE SHEET A2.00 FOR GENERAL NOTES AND ROOF LEGEND
- B** TERMINATION BAR AND SEALANT HEIGHT AND LOCATIONS VARY. FIELD VERIFY AND MATCH LOCATIONS.
- C** PARAPET FASCIA & COPING WIDTHS/HEIGHTS VARY. FIELD VERIFY ALL PARAPET WIDTHS AND LENGTHS.
- D** FIELD VERIFY ALL PARAPET HEIGHTS.

PLAN KEYNOTES

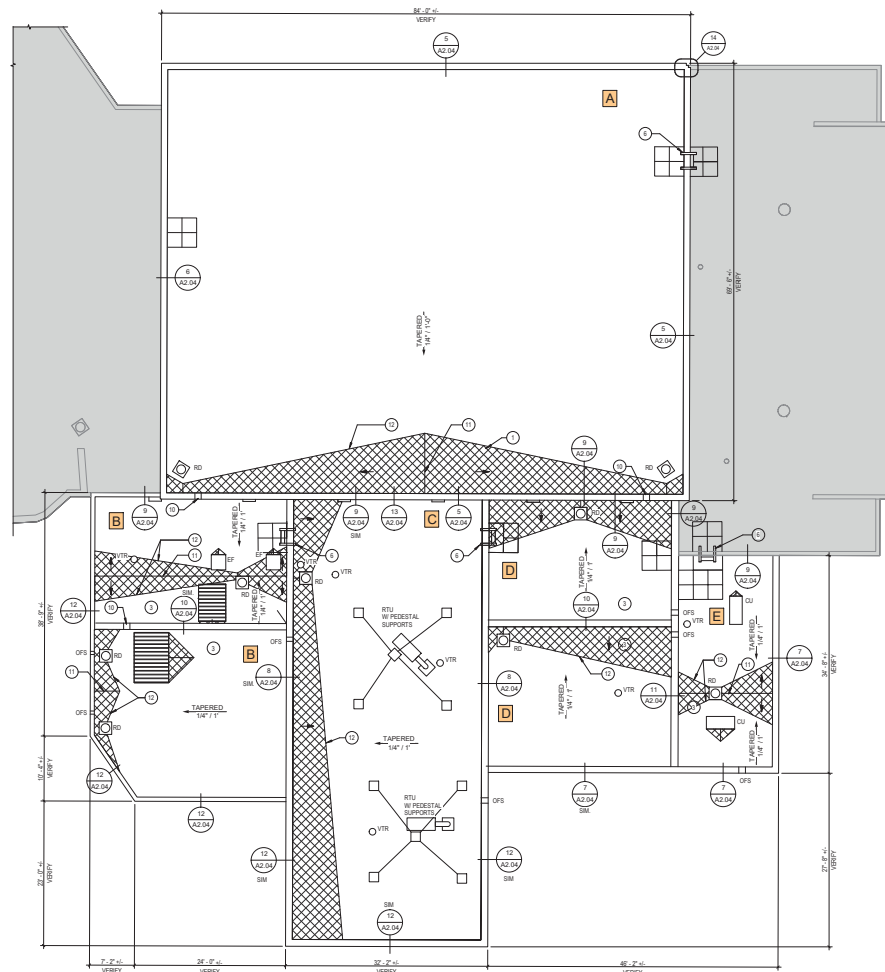
- 1 PROVIDE CROCKET AS REQUIRED FOR POSITIVE DRAINAGE.
- 2 PROVIDE RUBBER PAVEMENT FOR WALKWAY.
- 3 CONTRACTOR TO FELD VERIFY STRUCTURE / SLOPE IN THIS AREA.
INITIAL VERIFIED INSULATION TO MAINTAIN POSITIVE DRAINAGE TO
ROOF DRAINS.
- 4 PRE-FINISHED METAL FLASH.
- 5 EXISTING ROOF DRAIN TO REMAIN, REPLACE DRAIN BASKETS.
- 6 NEW PRE-MANUFACTURED ROOF LADDER.
- 7 MAINTAIN POSITIVE DRAINAGE AT ROOF OPENINGS.
- 8 WRAP MEMBRANE UP EXISTING WALL AND TERMINATE. MATCH
EXISTING.
- 9 WRAP MEMBRANE OVER EXISTING WALL ASSEMBLY MATCH EXISTING.
- 10 PROVIDE OVERFLOW SCUPPER.
- 11 INSULATED RIDGE.
- 12 INSULATED VALLEY.

ROOF LEGEND

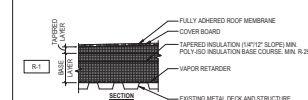
- | | |
|-----|---|
| MH | MECHANICAL HOOD |
| EF | EXHAUST FAN |
| CU | EXISTING CONDENSING UNIT |
| RTU | EXISTING ROOF TOP UNIT & DUCT |
| VTR | VENT THROUGH ROOF |
| RD | ROOF DRAIN |
| OF | OVERFLOW DRAIN |
| EH | EXHAUST HOOD |
| MV | EXISTING WIND VENTED MEMBRANE VENT - REMOVE & DISPOSE |
| OFS | OVERFLOW THROUGH WALL SCUPPER |



NOTE - FOR CLARITY NOT ALL MECHANICAL EQUIPMENT IS LABELED.
CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT AND COORDINATE
REMOVAL AND REPLACEMENT WITH DESIGN TEAM AND OWNER.



1 **COMPREHENSIVE ROOF PLAN**

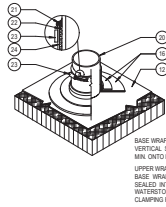
 $1/8" = 1'-0"$ **ASSEMBLY TYPE**

REVISIONS

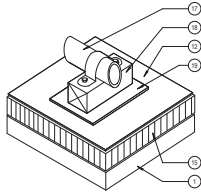
NO.	DESCRIPTION	DATE
-----	-------------	------

IF THIS DRAWING IS NOT 30"x42" IT IS NOT TO SCALE

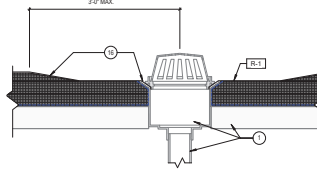
© COPYRIGHT. Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of construction of this project or artwork. Unauthorized copying, disclosure or construction use without written permission of Cannon Wave Brygger & Associates is prohibited by copyright law.



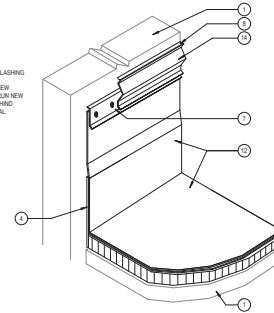
1 ROOF PENETRATION DETAIL
1" = 1'-0"



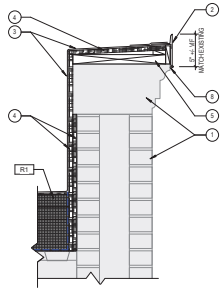
2 TYPICAL PIPE/EQUIPMENT BLOCKING
1 1/2" = 1'-0"



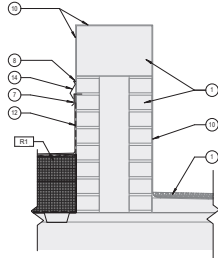
3 TYPICAL ROOF DRAIN DETAIL
1 1/2" = 1'-0"



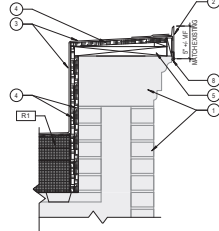
4 TYPICAL ROOF TO WALL TRANSITION DETAIL
1 1/2" = 1'-0"



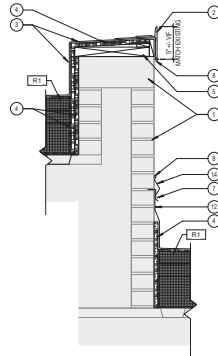
5 ROOF DETAIL
1 1/2" = 1'-0"



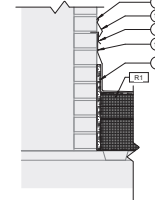
6 ROOF DETAIL
1 1/2" = 1'-0"



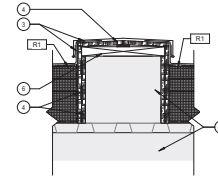
7 ROOF DETAIL
1 1/2" = 1'-0"



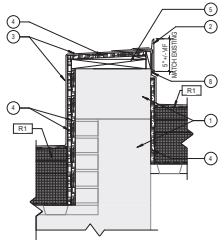
8 ROOF DETAIL
1 1/2" = 1'-0"



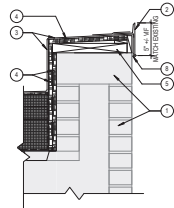
9 ROOF DETAIL
1 1/2" = 1'-0"



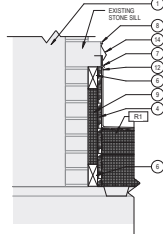
10 ROOF DETAIL
1 1/2" = 1'-0"



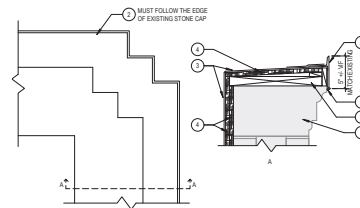
11 ROOF DETAIL
1 1/2" = 1'-0"



12 ROOF DETAIL
1 1/2" = 1'-0"



13 ROOF DETAIL
1 1/2" = 1'-0"



14 ROOF DETAIL
1 1/2" = 1'-0"

IF EXISTING COUNTER FLASHING IS DAMAGED DURING DEMOLITION PROVIDE NEW COUNTER FLASHING & FIN NEW COUNTER FLASHING BEHIND EXISTING WALL MATERIAL.

GENERAL NOTES

- THE GENERAL NOTES APPLY TO ALL CONSTRUCTION DOCUMENTS
- A** TYPICAL AT ALL MECHANICAL/ELECTRICAL EQUIPMENT, VENTS, HOODS & PENETRATIONS - UNITS TO REMAIN AFTER CONSTRUCTION. CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED PRODUCT FOR FLASHING OF UNITS. FIELD VERIFY QUANTITY, SIZE AND LOCATION.
- B** TEST & REPAIR DRAIN ASSEMBLIES & CONNECTIONS AT ALL STAGING AREAS AND DRAINAGE WITHIN ROOF AREA. REPAIRS TO DRAINAGE ASSEMBLIES & CONNECTIONS SHALL BE MADE PRIOR TO COMPLETION OF ROOF. REMOVE & REPLACE INSULATION AS REQUIRED.
- C** ALL SURFACES AFFECTED BY THE REMOVAL OR DEMOLITION OF ITEMS SHALL BE CLEANED, REPAIRED, AND PREPARED TO RECEIVE NEW FINISHES TO THAT OF MANUFACTURER STANDARDS.
- D** REMOVE ONLY AS MUCH MATERIAL AS CAN BE REPLACED THE SAME DAY. BUILDING TO REMAIN WATER TIGHT AT ALL TIMES.
- E** VERIFY TAPERED ROOF INSULATION THICKNESS TO ASSURE POSITIVE ROOF DRAINAGE FROM ALL ROOF AREAS. PONDING WATER WILL NOT BE ACCEPTED. NEW TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
- F** PROVIDE BLOCKING AS REQUIRED FOR MECHANICAL, UTILITY, OR ELECTRICAL CONDUIT/PIPE. FIELD VERIFY ALL PARAPET WIDTHS AND LENGTHS.
- G** PARAPET FASCIA & COPING HEIGHTS VARY. FIELD VERIFY ALL PARAPET WIDTHS AND LENGTHS.
- H** REPLACE ALL DRAIN BASKETS IN AREA OF NEW WORK.
- I** COORDINATE WITH OWNER FOR REQUIRED DISCONNECTION OF EXISTING ROOF TOP EQUIPMENT. REMOVE EQUIPMENT AND STORE AS DIRECTED BY OWNER. COORDINATE REPLACEMENT METHODS AND SCHEDULE WITH OWNER.
- J** INSPECT AREA UNDER METAL DECK FOR UTILITY, ELECTRICAL, MECHANICAL, COMPONENTS PRIOR TO INSTALLING FASTENERS AND PLATES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGED ELECTRICAL, MECHANICAL, COMPONENTS.
- K** CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROTECTION AND/OR PATCHING/REPLACING ANY EXISTING CONDITIONS THAT ARE DAMAGED DURING THE SCOPE OF CONSTRUCTION/STAGING. INCLUDING BUT NOT LIMITED TO: EXISTING GLAZING, CURBS, CONCRETE, GRADING, LANDSCAPING, SIDEWALKS, LAWN, MASONRY, EIFS, WALL ASSEMBLIES, ETCETERA.
- L** OWNER IS RESPONSIBLE FOR ALL HAZARDOUS MATERIAL ABATEMENT. COORDINATE WITH OWNER ON MATERIALS IN ROOF ASSEMBLIES.

DETAIL KEYNOTES

- 1 EXISTING STRUCTURE OR FINISHES TO REMAIN.
- 2 PRE-FINISHED METAL ROOF EDGE AND RETAINER CLIP SET IN SEALANT.
- 3 EXTEND FULLY ADHERED MEMBRANE UP FACE OF WALL AND WRAP THE TOP OF THE EXISTING PARAPET.
- 4 1/2" OSB SHEATHING CONT.
- 5 PRESSURE TREATED BLOCKING SET IN SEALANT CONT. SLOPE TO ROOF.
- 6 PRESSURE TREATED BLOCKING.
- 7 S.S. TERMINATION STRIP.
- 8 CONTINUOUS SEALANT AS REQUIRED.
- 9 1-1/2" POLY-ISO RIGID INSULATION.
- 10 EXISTING MEMBRANE ROOFING.
- 11 METAL FLASHING W/ DRIP.
- 12 FULLY ADHERED SINGLE PLY MEMBRANE ROOFING.
- 13 VAPOR RETARDER.
- 14 COUNTER FLASHING.
- 15 ROOF INSULATION.
- 16 SINGLE PLY MEMBRANE FLASHING.
- 17 EXISTING OR NEW PIPE.
- 18 SUPPORTS TO MATCH EXISTING.
- 19 MEMBRANE SLP. SHEET.
- 20 PIPE PENETRATION.
- 21 LAP SEALANT.
- 22 SEALANT MASTIC.
- 23 S.S. CLAMP RING.
- 24 PRE-INSULATED PIPE FLASHING.

REVISIONS

NO.	DESCRIPTION	DATE

IF THIS DRAWING IS NOT 30"x42" IT IS NOT TO SCALE

© COPYRIGHT. Permission to reproduce all or part of this drawing is hereby granted only for the limited purpose of construction of the project as shown. No other reproduction, distribution, or use without written permission of CMBA Architects is permitted.

CMBA ARCHITECTS
1111 13TH ST., STE 205
OMAHA, NE 68102
(P) 402.346.6891



DATE
03.28.2025
PROJECT
9470001

ROOF DETAILS

DOE ISD HIGH SCHOOL SCHOOL
ROOF REPLACEMENT
COUNCIL BLUFFS, IA

SHEET
A2.04