

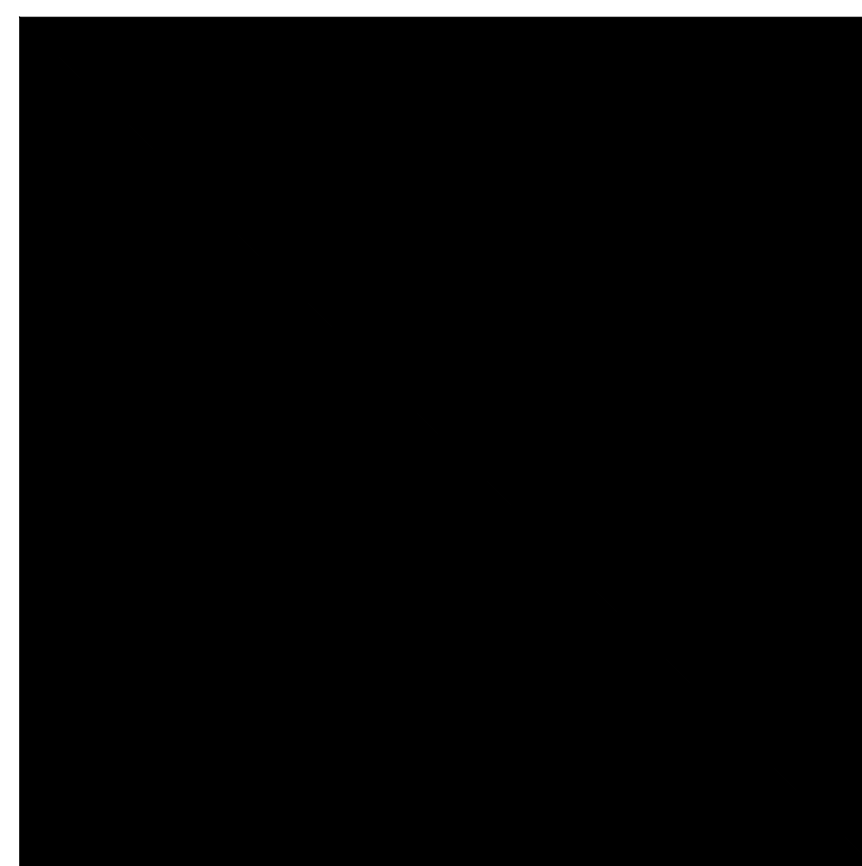
CANYON DEL ORO HIGH SCHOOL

ROOF REPLACEMENT - PHASE 1

Amphitheater Public Schools

May 2019

100% Construction Documents



Breckenridge
g r o u p
a r c h i t e c t s
p l a n n e r s

Job No. 17.14.12

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a r c h i t e c t s
p l a n n e r s

1735 e ft. lowell rd. #12
tucson arizona 85719
520.882.9944

Amphitheater Public Schools
Canyon del Oro High School
Roof Replacement - Phase 1



PROJECT NO:
17.14.12

DATE:
MAY 2019

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Cover Sheet

G1.0

ABBREVIATIONS

Table of abbreviations including: A.B.C. ANCHOR BOLT, A.C. AGGREGATE BASE COURSE, ALT. ALLOWANCE, etc.

SYMBOLS LEGEND

Table of symbols including: Building Section, Wall Section Detail, Exterior Elevation, Interior Elevation, Detail or Section Name, Room Number, Construction Note, etc.

MATERIALS

Table of materials including: EXISTING WALL REMOVED, EXISTING WALL TO REMAIN, NEW WALL (REFER TO KEYNOTE), EARTH, BASE COURSE, etc.

PROJECT TEAM

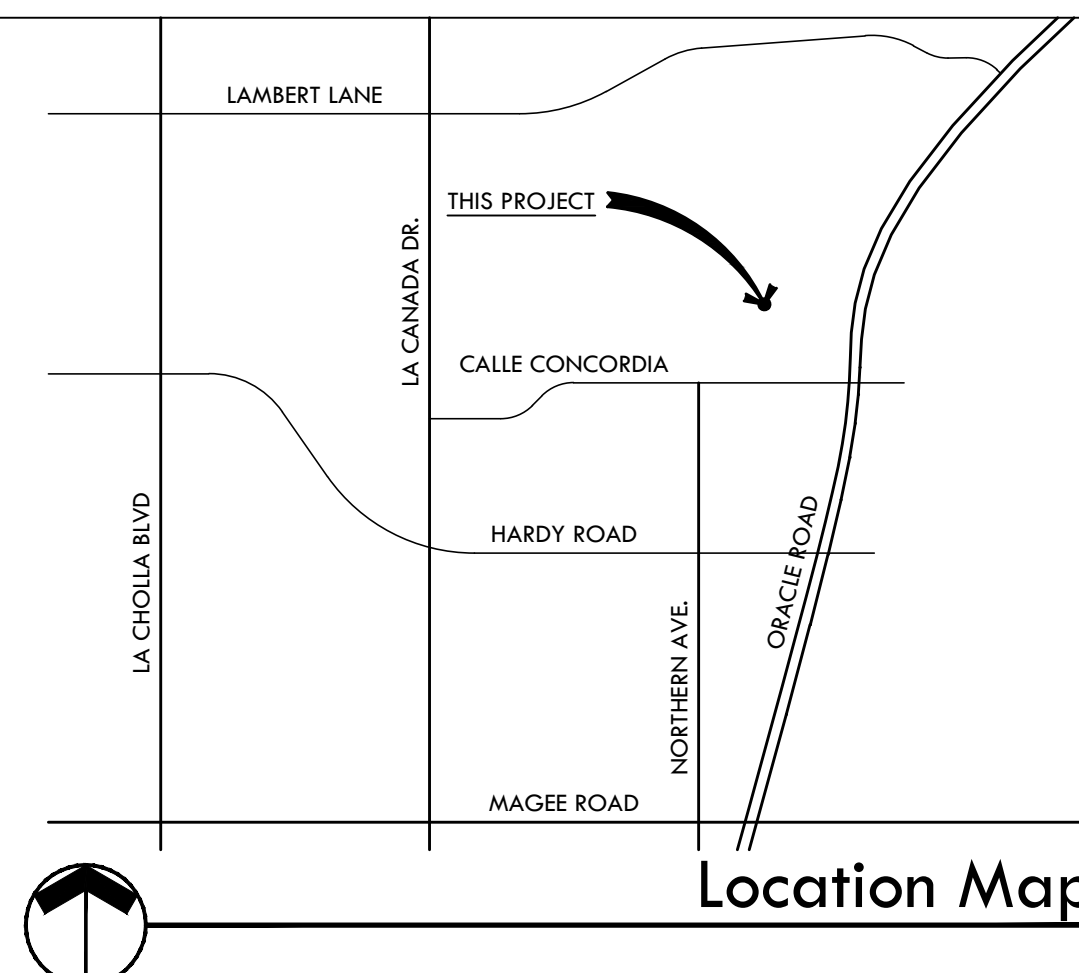
Project Address: CANYON DEL ORO HIGH SCHOOL, 25 W CALLE CONCORDIA, ORO VALLEY, AZ 85704. Owner: AMPHITHEATER PUBLIC SCHOOLS. Architect: BRECKENRIDGE GROUP, INC.

INDEX

Table of sheet numbers and titles: SHEET NUMBER G1.0 COVER SHEET, G2.0 GENERAL INFORMATION, G3.0 CAMPUS PLAN, etc.

APPLICABLE CODES

1. PROJECT HAS BEEN DESIGNED TO COMPLY WITH 2018 INTERNATIONAL BUILDING CODE (IBC).



Breckenridge Architects Planners logo and address: 1735 e ft. lowell rd. #12 tucson arizona 85719 520.882.9944

Amphitheater Public Schools Canyon del Oro High School Roof Replacement - Phase 1



PROJECT NO: 17.14.12 DATE: MAY 2019

Revision schedule table with columns: # DATE DESCRIPTION ISSUED TO

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General Information G2.0 logo

Key

NEW WORK, REFER TO INDIVIDUAL SHEETS FOR SCOPE OF WORK.



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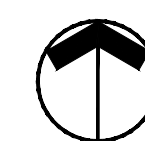
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Campus Plan

N.T.S.

Campus Plan

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Symbol Legend

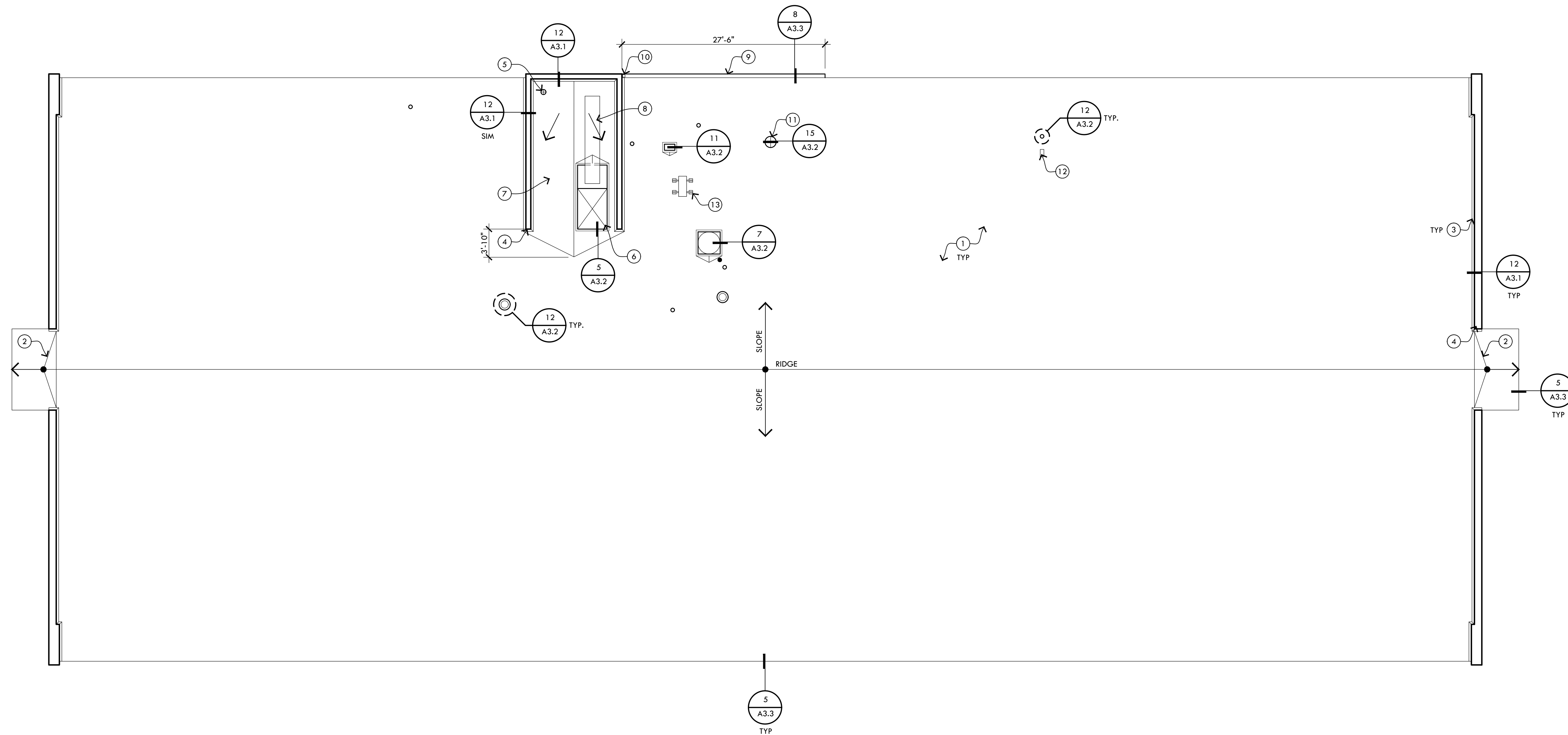
- PLUMBING STACK
- CONDUIT/PIPE PENETRATION
- ⊙ HEAT STACK
- ⊙ ○ ROOF DRAIN (OVERFLOW WHERE OCCURS)
- ⊙ □ EXHAUST
- ⊙ □ PASSIVE VENT/AIR INTAKE
- ⊙ □ AC AIR CONDITIONING UNIT
- ⊙ □ EC EVAPORATIVE COOLING UNIT
- ⊙ □ ROOF HATCH
- ⊙ □ FLOOD COAT

Construction General Notes

1. BUILDING AND SITE WILL BE OCCUPIED DURING CONSTRUCTION.
2. (E) CONDITIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL (E) CONDITIONS.
3. CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITIES THAT ARE NOT TO BE REMOVED FROM INJURY OR DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATION. CONTRACTOR SHALL REPLACE DAMAGED IMPROVEMENTS AND UTILITIES IN KIND.
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5. CONTRACTOR SHALL LEAVE AREAS AFFECTED BY DEMOLITION AND SURROUNDING AREAS CLEAN AT THE END OF EACH WORK DAY. SURROUNDING AREAS NOT INCLUDED IN THE SCOPE OR LIMITS OF WORK SHALL BE PROTECTED FROM DUST AND DEBRIS.
6. ALL ROOFING TO BE REMOVED AND REPLACED.
7. FOLLOWING THE REMOVAL OF EXISTING ROOFING MATERIAL, THE CONTRACTOR SHALL PERFORM A GENERAL CONDITION SITE INSPECTION. NOTIFY ARCHITECT OF CONDITIONS.
8. CONTRACTOR SHALL TAPE CHARCOAL FILTER ROLLS OVER AIR INTAKES AND SHUT OFF FRESH AIR INTAKES ON HVAC UNITS DURING ROOFING INSTALLATION.
9. ALL ROOF EDGE FLASHING, COPINGS, BASE FLASHING, COUNTER FLASHING, ROOF PENETRATION FLASHING, AND PARAPET SCUPPERS TO BE REMOVED AND REPLACED U.N.O.
10. PROVIDE CONDUIT WHERE CABLE PENETRATION OCCURS.
11. REMOVE EXISTING PITCH POCKETS. PROVIDE LIQUID FLASHING MEMBRANE AT ALL PIPE/CONDUIT PENETRATIONS U.N.O.
12. FLOOD COAT A 4-FOOT BY 6-FOOT AREA AROUND ALL DRAINS, SCUPPERS, AND WATERWAYS, AND 3-FOOT WIDE AREA AROUND ROOF HATCHES WITH WHITE, SINGLE COMPONENT, POLYUREA WITH BRIGHT WHITE GRANULES AS RECOMMENDED BY ROOFING MANUFACTURER; COAT LOW PONDING AREAS IF DISCOVERED.
13. REMOVE ALL SHEET METAL, WOOD, AND PVC BLOCKS SUPPORTING PIPING AND REPLACE WITH C-PORT RUBBER ROOF PIPE SUPPORTS OR APPROVED COMPARABLE PRODUCT. PROVIDE SLIP SHEET UNDER ALL (E) AND NEW RUBBER SUPPORTS; EXTEND SLIP SHEET 1/2" BEYOND SUPPORT.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DOWNSPOUTS TO BE IN WORKING CONDITION UPON PROJECT COMPLETION, AND PRIOR TO FINAL INSPECTION.

Construction Keynotes

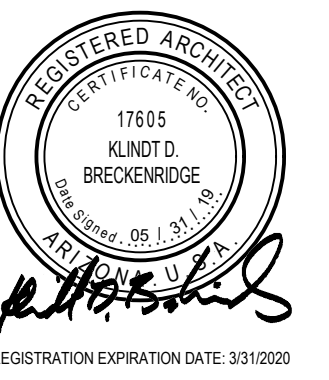
- 1 ROOFING ON COVER BOARD ON ROOF INSULATION.
- 2 CRICKET - 1:12 SLOPE MIN.
- 3 4" CANT STRIP.
- 4 REPLACE MISSING BRICK AT COPING.
- 5 PROVIDE HEAT STACK COVER.
- 6 RAISE (E) CURB AS REQUIRED TO ALLOW FOR PROPER FLASHING.
- 7 TAPERED INSULATION WITH 1/2" PER 1'-0" SLOPE.
- 8 PROVIDE RUBBER SUPPORT AND SLIP SHEET UNDER EACH DUCT LEG.
- 9 GUTTER.
- 10 DOWNSPOUT, SEE DETAIL 19/A3.1.
- 11 REPLACE HEAT STACK COVER.
- 12 REMOVE VENT AND CAP BELOW ROOF.
- 13 PROVIDE SLIP SHEET UNDER (E) UNIT SUPPORTS.



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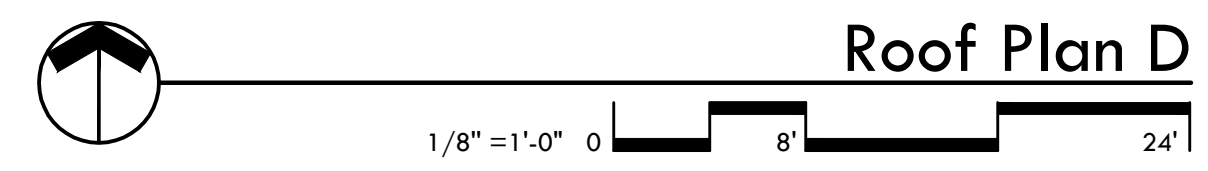
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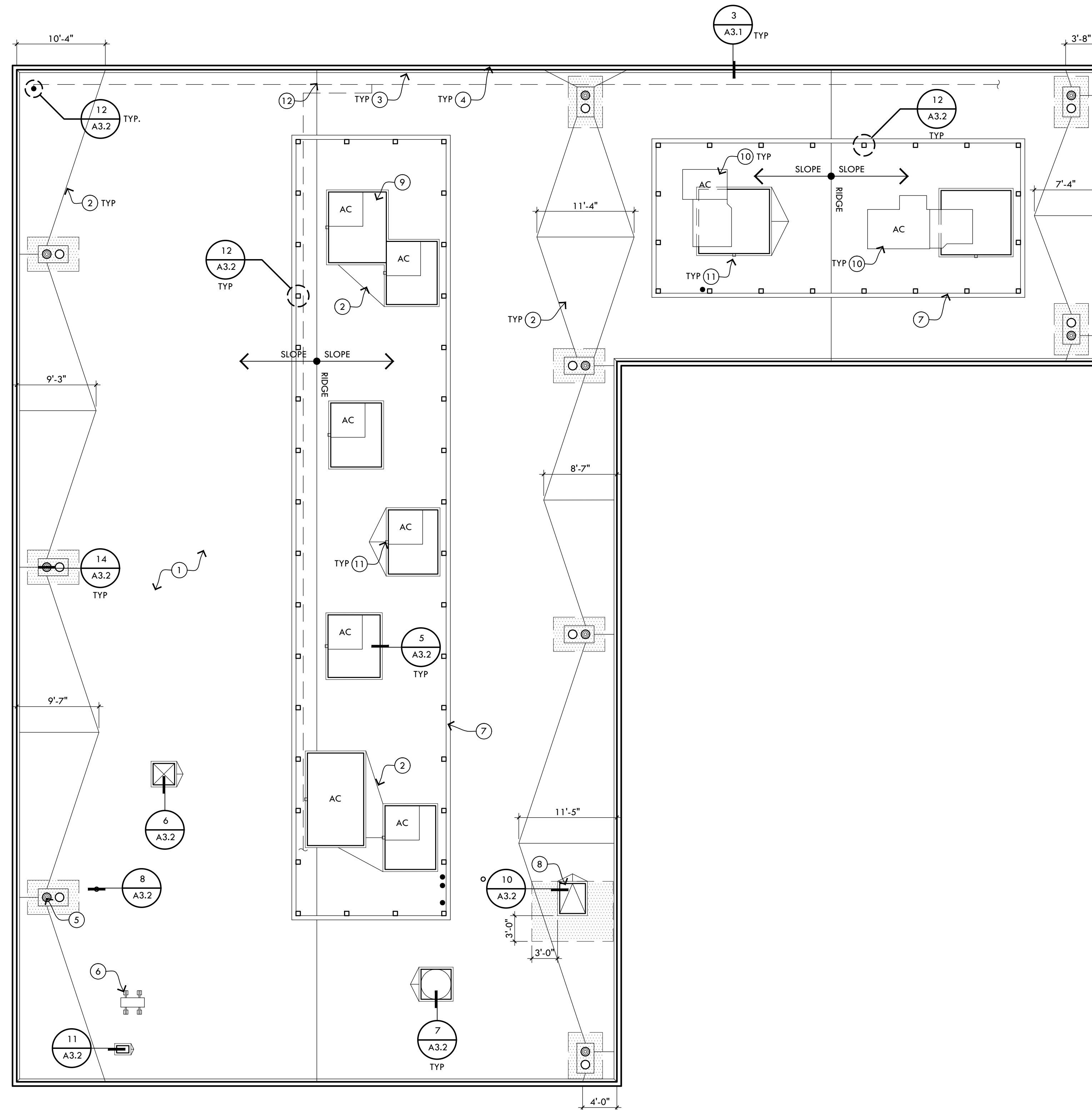
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Roof Plan D

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Construction General Notes

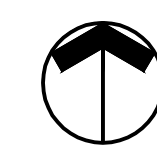
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- ALL ROOFING TO BE REMOVED AND REPLACED.
- FOLLOWING THE REMOVAL OF EXISTING ROOFING MATERIAL, THE CONTRACTOR SHALL PERFORM A GENERAL CONDITION SITE INSPECTION. NOTIFY ARCHITECT OF CONDITIONS.
- THE METAL ROOF DECK SHALL BE CLEANED OF ANY SURFACE CORROSION PRIOR TO REROOFING. IN AREAS OF SEVERE CORROSION, STEEL DELAMINATION, OR OTHER STRUCTURAL CONCERNS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT FOR REPAIR GUIDELINES. SUCH REPAIRS SHALL BE COMPLETED PRIOR TO REROOFING.
- CONTRACTOR SHALL TAPE CHARCOAL FILTER ROLLS OVER AIR INTAKES AND SHUT OFF FRESH AIR INTAKES ON HVAC UNITS DURING ROOFING INSTALLATION.
- ALL ROOF EDGE FLASHING, COPINGS, BASE FLASHING, COUNTER FLASHING, ROOF PENETRATION FLASHING, AND PARAPET SCUPPERS TO BE REMOVED AND REPLACED U.N.O.
- PROVIDE CONDUIT WHERE CABLE PENETRATION OCCURS.
- REMOVE EXISTING PITCH POCKETS. PROVIDE LIQUID FLASHING MEMBRANE AT ALL PIPE/CONDUIT PENETRATIONS U.N.O.
- FLOOD COAT A 4-FOOT BY 6-FOOT AREA AROUND ALL DRAINS, SCUPPERS, AND WATERWAYS, AND 3-FOOT WIDE AREA AROUND ROOF HATCHES WITH WHITE, SINGLE COMPONENT, POLYUREA WITH BRIGHT WHITE GRANULES AS RECOMMENDED BY ROOFING MANUFACTURER; COAT LOW PONDING AREAS IF DISCOVERED.
- REMOVE ALL SHEET METAL, WOOD, AND PVC BLOCKS SUPPORTING PIPING AND REPLACE WITH C-PORT RUBBER ROOF PIPE SUPPORTS OR APPROVED COMPARABLE PRODUCT. PROVIDE SLIP SHEET UNDER ALL (E) AND NEW RUBBER SUPPORTS; EXTEND SLIP SHEET 1/2" BEYOND SUPPORT.
- REMOVE ALL PLASTIC ROOF DRAIN DOMES AND PROVIDE CAST IRON ROOF DRAIN DOMES AT ALL ROOF DRAINS AND OVERFLOWS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DRAINS TO BE IN WORKING CONDITION UPON PROJECT COMPLETION, AND PRIOR TO FINAL INSPECTION.

Construction Keynotes

- ROOFING ON COVER BOARD ON ROOF INSULATION.
- CRICKET - 1:12 SLOPE MIN.
- 4" CANT STRIP.
- PARAPET COPING CAP. SALVAGE COPPER TO OWNER.
- REPLACE ROOF DRAIN.
- PROVIDE SLIP SHEET UNDER (E) UNIT SUPPORTS.
- PAINT (E) METAL SCREEN PANELS AND STEEL POSTS.
- SAND, PRIME, AND PAINT (E) ROOF HATCH.
- LIFT MECHANICAL UNIT, DEMO (E) CURB & REBUILD CURB SIZED TO MECHANICAL UNIT.
- REMOVE UMBRELLA AND LIQUID FLASH EQUIPMENT SUPPORT.
- RELOCATE JUNCTION BOX TO FIELD TO FACILITATE CURB FLASHING.
- OWNER TO RAISE (E) GAS LINE TO FACILITATE ROOF REPLACEMENT.

Symbol Legend

- PLUMBING STACK
- CONDUIT/PIPE PENETRATION
- ⊙ HEAT STACK
- ⊙ ROOF DRAIN (OVERFLOW WHERE OCCURS)
- ⊙ EXHAUST
- ⊠ PASSIVE VENT/AIR INTAKE
- ⊠ AC AIR CONDITIONING UNIT
- ⊠ EC EVAPORATIVE COOLING UNIT
- ⊠ ROOF HATCH
- ⊠ FLOOD COAT



Roof Plan E

1/8" = 1'-0" 0 8 24'

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Roof Replacement - Phase 1



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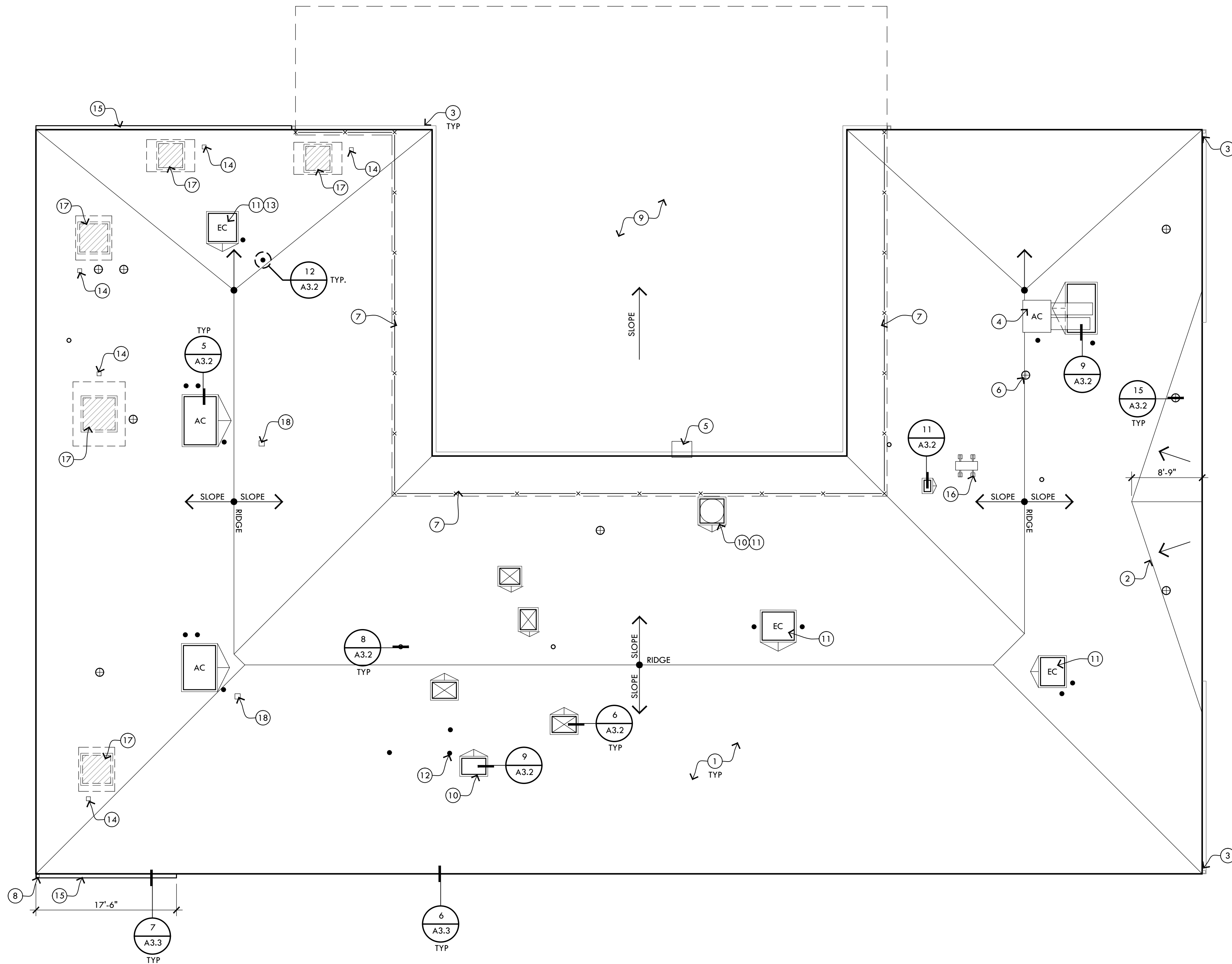
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Roof Plan E

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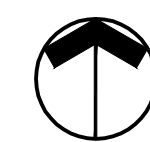
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15. PAINT ALL (E) METAL ROOF FASCIA.

Construction Keynotes

- 1 ROOFING ON COVER BOARD ON ROOF INSULATION ON ASPHALT-COATED FIBERGLASS MAT BASE SHEET.
- 2 CRICKET - 1:12 SLOPE MIN.
- 3 (E) GUTTER AND DOWNSPOUT TO REMAIN.
- 4 PROVIDE RUBBER SUPPORTS AND SLIP SHEETS UNDER (E) COOLER STAND.
- 5 PROVIDE EXHAUST VENT COVER.
- 6 PROVIDE HEAT STACK COVER.
- 7 REMOVE AND REINSTALL FENCING TO FACILITATE ROOF REPLACEMENT.
- 8 DOWNSPOUT, SEE DETAIL 19/A3.1.
- 9 (E) CANOPY TO REMAIN.
- 10 RAISE (E) CURB AS REQUIRED TO ALLOW FOR PROPER FLASHING.
- 11 REPLACE CURB CAP.
- 12 PROVIDE FREEZE RESISTANT HOSE BIBB SPIGOT AT (E) HOSE BIBB.
- 13 REMOVE WOOD SUPPORTS UNDER EVAPORATIVE COOLER AND REPLACE WITH COMPOSITE OR RUBBER SUPPORTS.
- 14 CUT ABANDONED CONDUIT AND CAP BELOW ROOF.
- 15 GUTTER.
- 16 PROVIDE SLIP SHEET UNDER (E) UNIT SUPPORTS.
- 17 REMOVE ABANDONED EQUIPMENT AND CURB. INFILL (E) OPENING WITH WOOD DECKING TO MATCH (E) WOOD DECKING. NEW DECKING SHALL BEAR ON (E) STRUCTURE AT TWO POINTS MIN.
- 18 CUT ABANDONED HOSE BIBB PIPE AND CAP BELOW ROOF.

Symbol Legend

- PLUMBING STACK
- CONDUIT/PIPE PENETRATION
- ⊙ HEAT STACK
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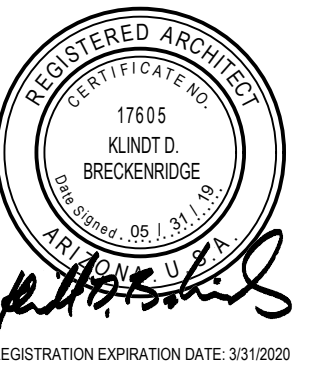
Roof Plan J

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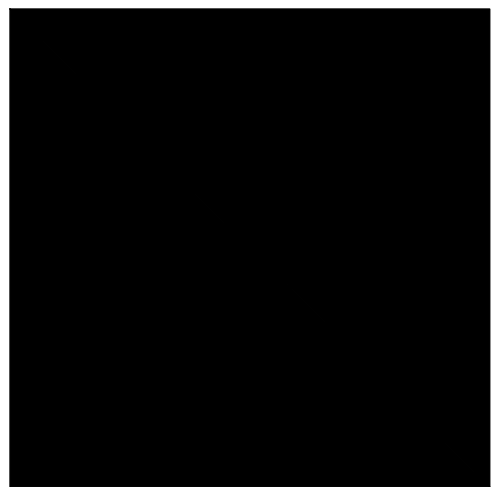
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Construction General Notes

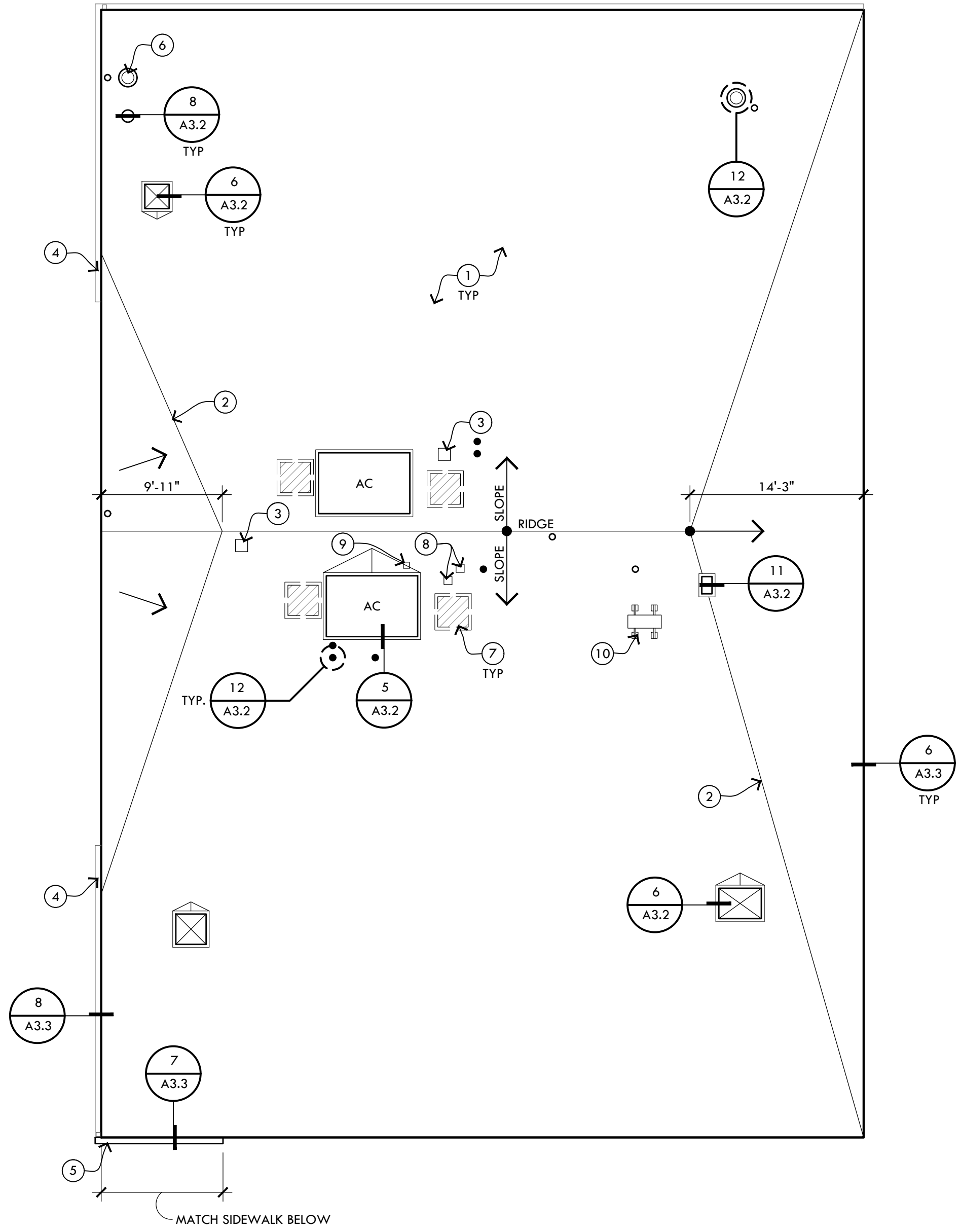
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- REMOVE ALL SHEET METAL, WOOD, AND PVC BLOCKS SUPPORTING PIPING AND REPLACE WITH C-PORT RUBBER ROOF PIPE SUPPORTS OR APPROVED COMPARABLE PRODUCT. PROVIDE SLIP SHEET UNDER ALL (E) AND NEW RUBBER SUPPORTS; EXTEND SLIP SHEET 1/2" BEYOND SUPPORT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DOWNSPOUTS TO BE IN WORKING CONDITION UPON PROJECT COMPLETION, AND PRIOR TO FINAL INSPECTION.
- PAINT ALL (E) METAL ROOF FASCIA.

Construction Keynotes

- ROOFING ON COVER BOARD ON ROOF INSULATION.
- CRICKET - 1:12 SLOPE MIN.
- REMOVE CONDUIT RISER SUPPORT AND LIQUID FLASH ROOF PENETRATION.
- (E) GUTTER AND DOWNSPOUT TO REMAIN.
- GUTTER.
- REPLACE VENT COVER.
- REMOVE ABANDONED EQUIPMENT CURB. INFILL (E) OPENING WITH 3/4" PLYWOOD ROOF SHEATHING TO MATCH (E) SHEATHING ON 2x8 WOOD JOISTS @ 16" O.C. PERPENDICULAR TO ROOF STRUCTURE. PROVIDE 2x8 BLOCKING W/ JOIST HANGERS AROUND (E) OPENING.
- CUT ABANDONED GAS PIPING AND CAP BELOW ROOF.
- CUT ABANDONED CONDUIT AND CAP BELOW ROOF.
- PROVIDE SLIP SHEET UNDER (E) UNIT SUPPORTS.

Symbol Legend

- PLUMBING STACK
- CONDUIT/PIPE PENETRATION
- ⊙ HEAT STACK
- ⊙ ROOF DRAIN (OVERFLOW WHERE OCCURS)
- ⊙ EXHAUST
- ⊠ PASSIVE VENT/AIR INTAKE
- ⊠ AC AIR CONDITIONING UNIT
- ⊠ EC EVAPORATIVE COOLING UNIT
- ⊠ ROOF HATCH
- ⊠ FLOOD COAT



Roof Plan JE

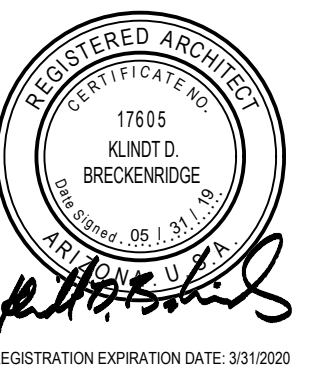
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tucson arizona 85719
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Amphitheater Public Schools
Canyon del Oro High School
Roof Replacement - Phase 1



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Roof Plan JW
A2.5

Construction General Notes

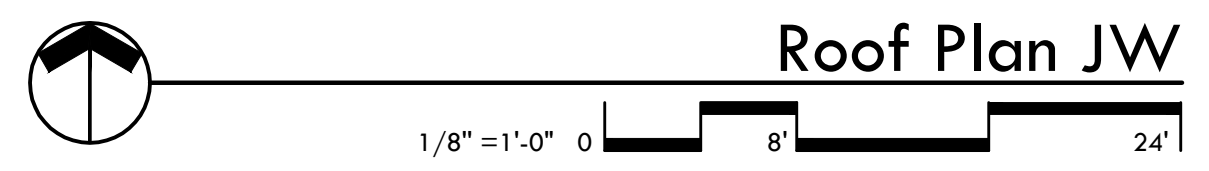
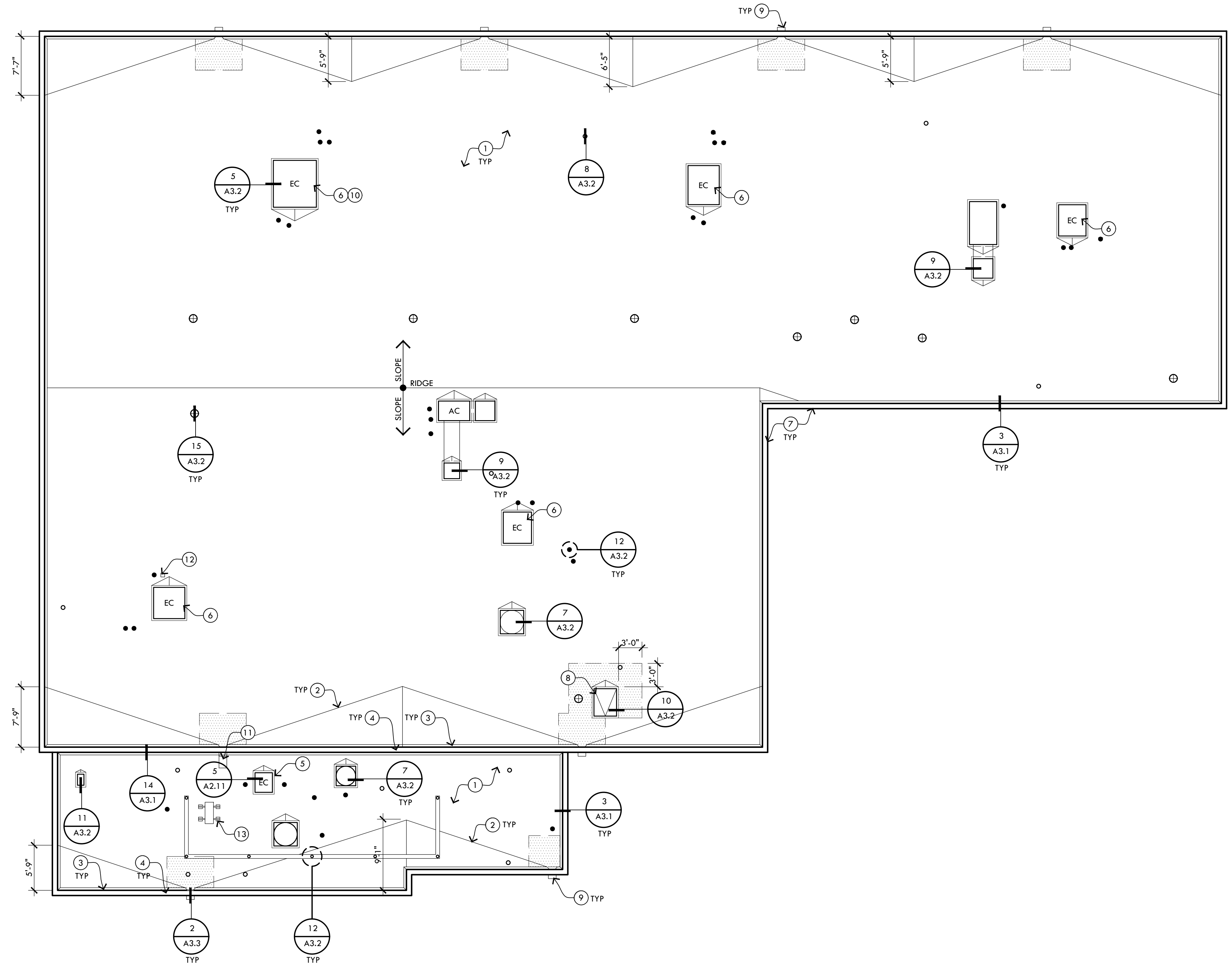
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Construction Keynotes

- ROOFING ON COVER BOARD ON ROOF INSULATION.
- CRICKET - 1:12 SLOPE MIN.
- 4" CANT STRIP.
- PARAPET COPING CAP.
- PROVIDE RUBBER SUPPORTS AND SLIP SHEETS UNDER (E) COOLER STAND.
- REMOVE WOOD SUPPORTS UNDER (E) EVAPORATIVE COOLER AND PROVIDE COMPOSITE OR RUBBER SUPPORTS.
- POWER WASH, STRIP, AND PAINT (E) METAL WALL PANELS.
- SAND, PRIME, AND PAINT (E) ROOF HATCH.
- PRIME AND PAINT (E) COLLECTOR BOX AND DOWNSPOUT.
- REPLACE CURB CAP.
- REPLACE SPLASH BLOCK.
- CUT ABANDONED CONDUIT AND CAP BELOW ROOF.
- PROVIDE SLIP SHEET UNDER (E) UNIT SUPPORTS.

Symbol Legend

- PLUMBING STACK
- CONDUIT/PIPE PENETRATION
- ⊕ HEAT STACK
- ⊙ ROOF DRAIN (OVERFLOW WHERE OCCURS)
- ⊗ EXHAUST
- ⊠ PASSIVE VENT/AIR INTAKE
- ⊡ AIR CONDITIONING UNIT
- ⊣ EVAPORATIVE COOLING UNIT
- ⊤ ROOF HATCH
- ⊥ FLOOD COAT



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Roof Plan JW

Construction Keynotes

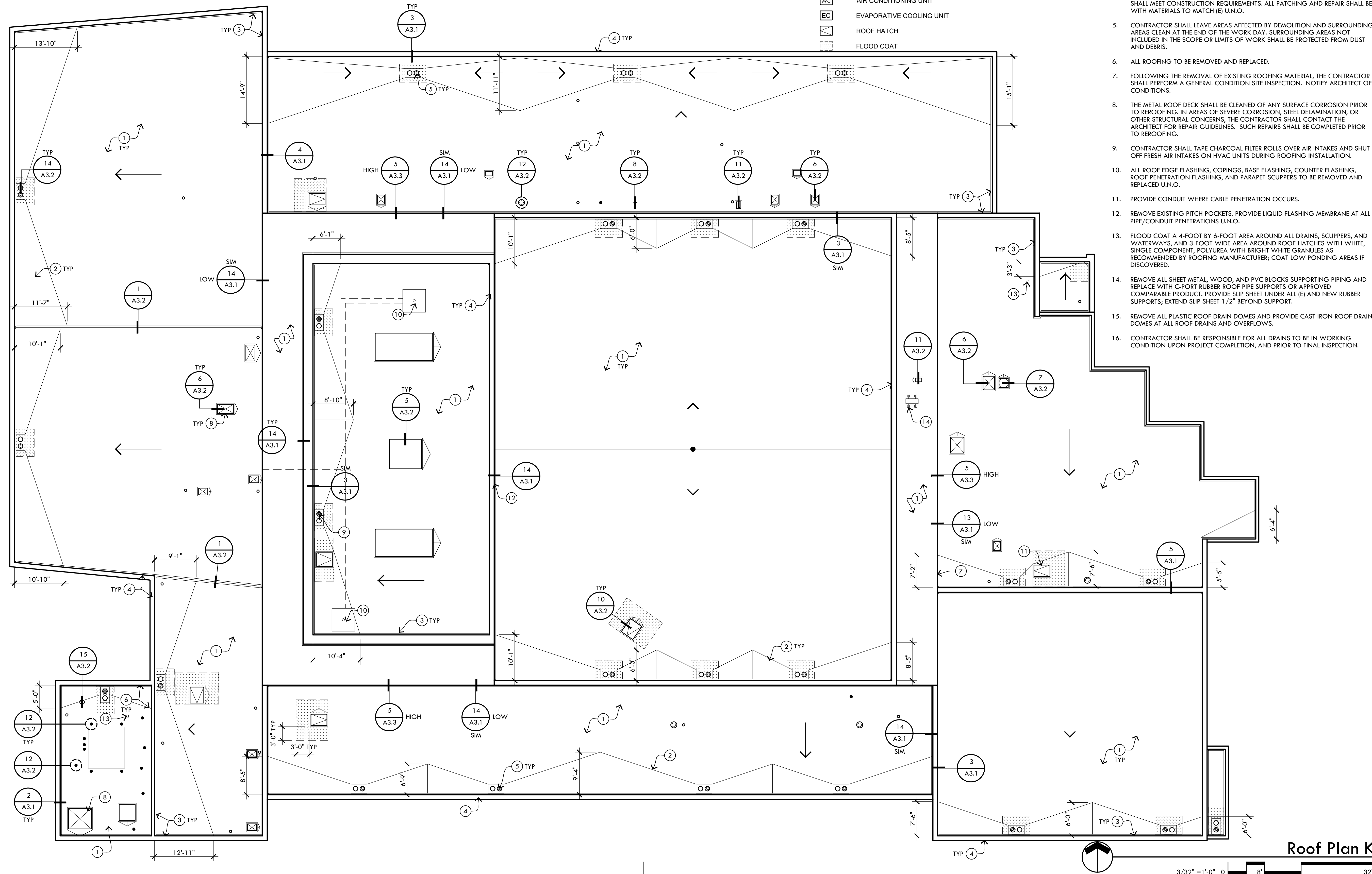
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| 1 ROOFING ON COVER BOARD ON ROOF INSULATION. | 6 COAT ROOF SIDE OF MASONRY WALL W/ ELASTOMERIC COATING. | 11 REPAIR ROOF HATCH TO LATCH. |
| 2 CRICKET - 1:12 SLOPE MIN. | 7 INSTALL SURFACE MOUNTED COUNTER FLASHING BUTTED TO UNDERSIDE OF DECK AND RE-SEAL DECK FLUES. | 12 PROVIDE PLYWOOD SHEATHING BELOW METAL PANEL TO ROOF DECK TO ALLOW FOR FLASHING ATTACHMENT. |
| 3 4" CANT STRIP. | 8 RAISE EQUIPMENT CURB AS REQUIRED TO ALLOW FOR PROPER FLASHING. | 13 CUT ABANDONED CONDUIT AND CAP BELOW ROOF. |
| 4 PARAPET COPING CAP. | 9 PROVIDE CAST IRON ROOF DRAIN DOME. | 14 PROVIDE SLIP SHEET UNDER (E) UNIT SUPPORTS. |
| 5 REPLACE DRAIN RING AT (E) ROOF DRAIN. | 10 COORDINATE WITH OWNER TO TEMPORARILY RELOCATE ANTENNA AND CONDUIT TO FACILITATE ROOF REPLACEMENT. | |

Symbol Legend

- | | |
|---|------------------------------------|
| ○ | PLUMBING STACK |
| ● | CONDUIT/PIPE PENETRATION |
| ⊙ | HEAT STACK |
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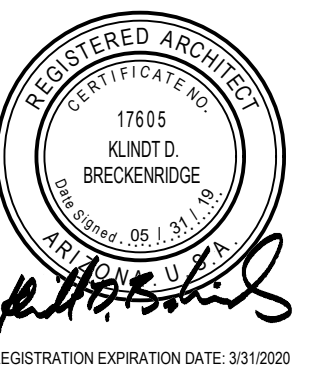
Roof Plan K

3/32" = 1'-0" 0 8' 32'

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Planners

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520.882.9944

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Canyon del Oro High School
Roof Replacement - Phase 1



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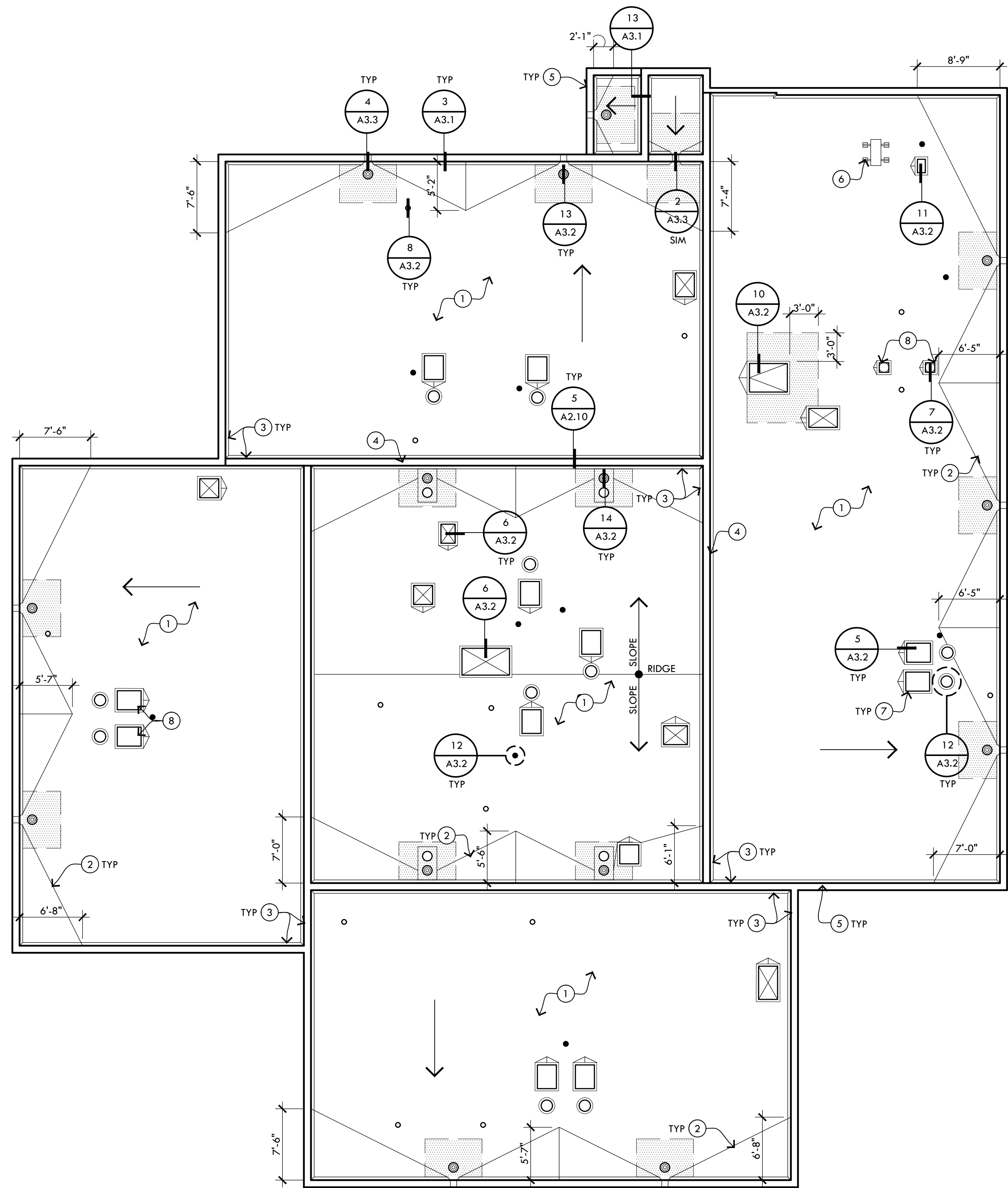
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Construction General Notes

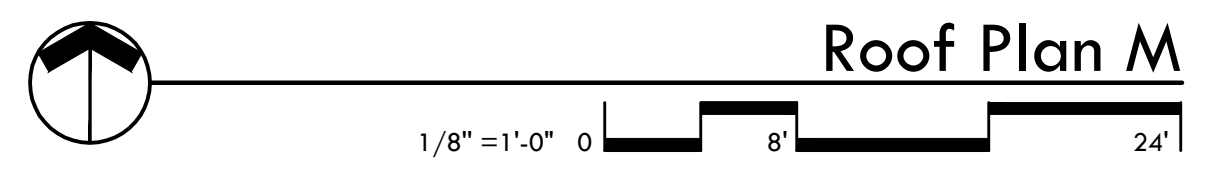
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Construction Keynotes

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- CRICKET - 1:12 SLOPE MIN.
- 4" CANT STRIP.
- PARAPET COPING CAP.
- REMOVE AND REINSTALL (E) COPPER PARAPET COPING CAP.
- PROVIDE SLIP SHEET UNDER (E) UNIT SUPPORTS.
- REPLACE CURB CAP.
- RAISE (E) CURB AS REQUIRED TO ALLOW FOR PROPER FLASHING.

Symbol Legend

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 Planners

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Amphitheater Public Schools
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 Roof Replacement - Phase 1



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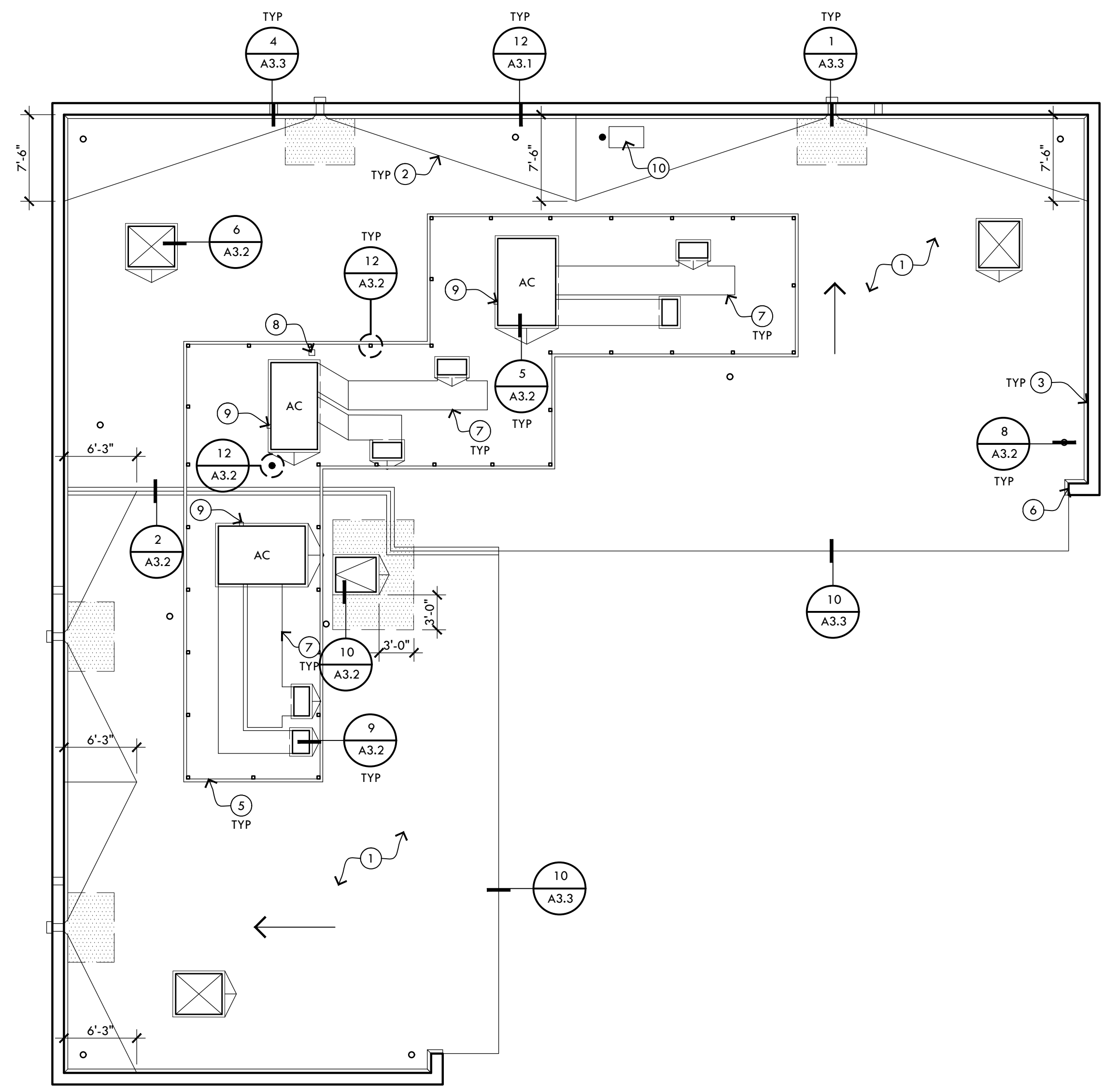
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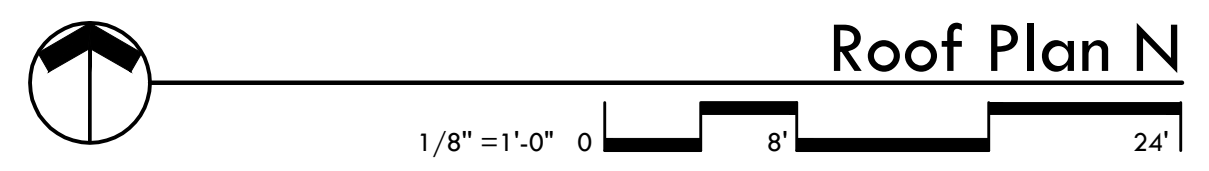
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Construction Keynotes

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- CRICKET - 1:12 SLOPE MIN.
- 4" CANT STRIP.
- NOT USED.
- PAINT (E) METAL SCREEN PANELS AND STEEL POSTS.
- REPLACE MISSING BRICK AT COPING.
- PROVIDE RUBBER SUPPORT AND SLIP SHEET AT EACH DUCT LEG.
- CUT ABANDONED CONDUIT AND CAP BELOW ROOF.
- RELOCATE JUNCTION BOX AND ELECTRICAL CONDUIT PENETRATION TO FIELD TO FACILITATE ROOF REPLACEMENT.
- REMOVE AND REINSTALL (E) ELECTRICAL DISCONNECT TO FACILITATE ROOF REPLACEMENT. PROVIDE RUBBER SUPPORTS UNDER ELECTRICAL DISCONNECT, LIQUID FLASH ROOF PENETRATIONS PER DETAIL 12/A3.2.

Symbol Legend

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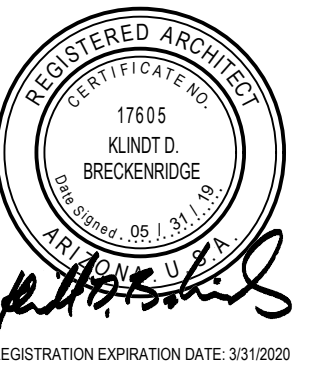
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Construction General Notes

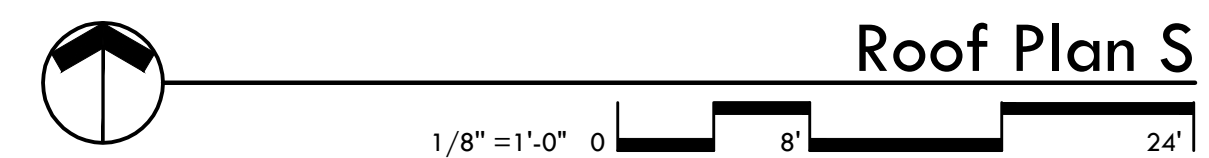
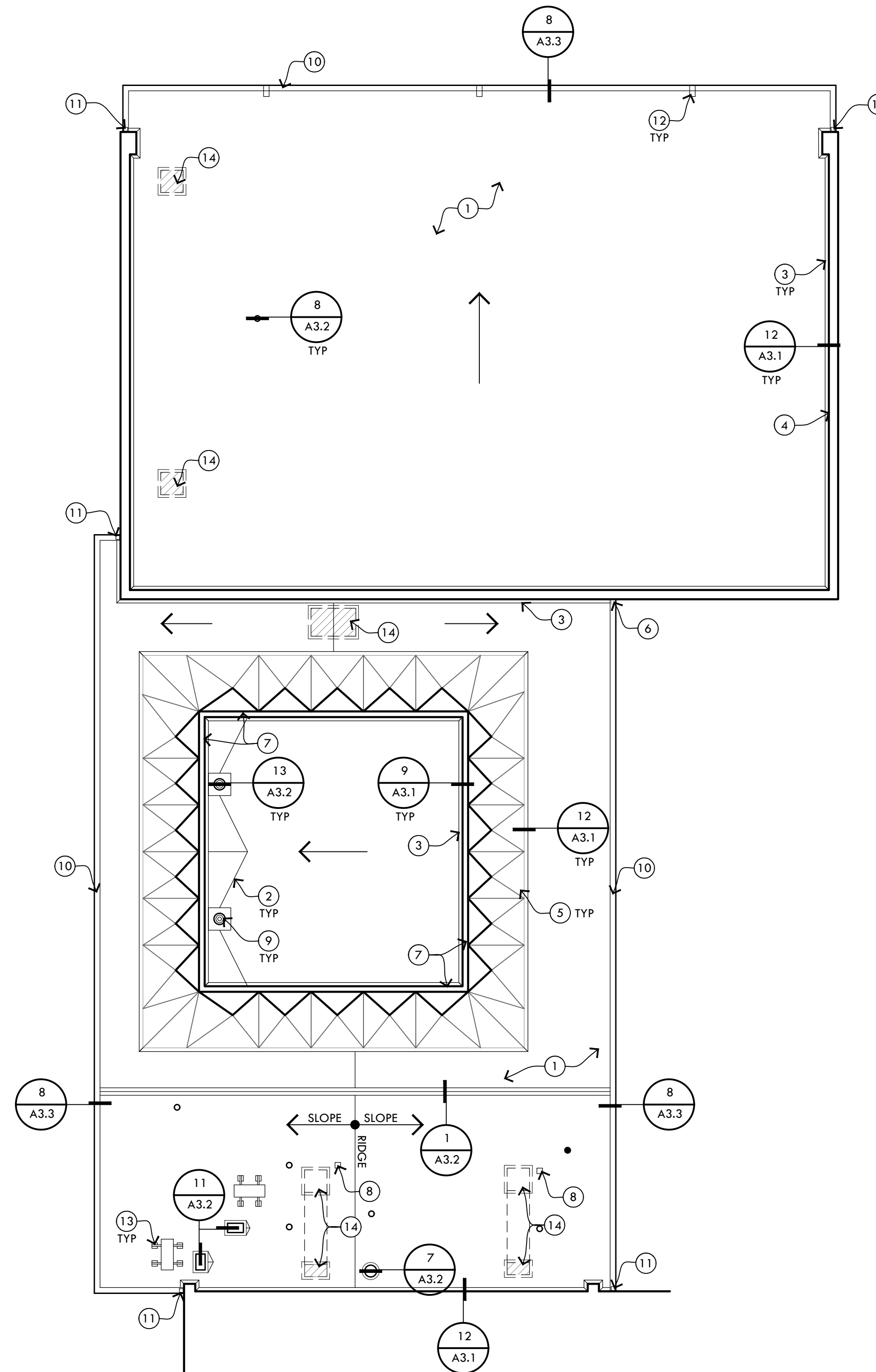
- BUILDING AND SITE WILL BE OCCUPIED DURING CONSTRUCTION.
- (E) CONDITIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL (E) CONDITIONS.
- CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITIES THAT ARE NOT TO BE REMOVED FROM INJURY OR DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATION. CONTRACTOR SHALL REPLACE DAMAGED IMPROVEMENTS AND UTILITIES IN KIND.
- ALL SURFACES THAT AN (E) ITEM IS REMOVED FROM SHALL BE PATCHED AND REPAIRED TO MATCH ORIGINAL CONDITION OF THE SURFACE. IF THE SURFACE WILL BE ALTERED OR CHANGED BY THE CONSTRUCTION, PATCH AND REPAIR SHALL MEET CONSTRUCTION REQUIREMENTS. ALL PATCHING AND REPAIR SHALL BE WITH MATERIALS TO MATCH (E) U.N.O.
- CONTRACTOR SHALL LEAVE AREAS AFFECTED BY DEMOLITION AND SURROUNDING AREAS CLEAN AT THE END OF THE WORK DAY. SURROUNDING AREAS NOT INCLUDED IN THE SCOPE OR LIMITS OF WORK SHALL BE PROTECTED FROM DUST AND DEBRIS.
- ALL ROOFING TO BE REMOVED AND REPLACED.
- FOLLOWING THE REMOVAL OF EXISTING ROOFING MATERIAL, THE CONTRACTOR SHALL PERFORM A GENERAL CONDITION SITE INSPECTION. NOTIFY ARCHITECT OF CONDITIONS.
- CONTRACTOR SHALL TAPE CHARCOAL FILTER ROLLS OVER AIR INTAKES AND SHUT OFF FRESH AIR INTAKES ON HVAC UNITS DURING ROOFING INSTALLATION.
- ALL ROOF EDGE FLASHING, COPINGS, BASE FLASHING, COUNTER FLASHING, ROOF PENETRATION FLASHING, AND PARAPET SCUPPERS TO BE REMOVED AND REPLACED U.N.O.
- PROVIDE CONDUIT WHERE CABLE PENETRATION OCCURS.
- REMOVE EXISTING PITCH POCKETS. PROVIDE LIQUID FLASHING MEMBRANE AT ALL PIPE/CONDUIT PENETRATIONS U.N.O.
- FLOOD COAT A 4-FOOT BY 6-FOOT AREA AROUND ALL DRAINS, SCUPPERS, AND WATERWAYS, AND 3-FOOT WIDE AREA AROUND ROOF HATCHES WITH WHITE, SINGLE COMPONENT, POLYUREA WITH BRIGHT WHITE GRANULES AS RECOMMENDED BY ROOFING MANUFACTURER; COAT LOW PONDING AREAS IF DISCOVERED.
- REMOVE ALL SHEET METAL, WOOD, AND PVC BLOCKS SUPPORTING PIPING AND REPLACE WITH C-PORT RUBBER ROOF PIPE SUPPORTS OR APPROVED COMPARABLE PRODUCT. PROVIDE SLIP SHEET UNDER ALL (E) AND NEW RUBBER SUPPORTS; EXTEND SLIP SHEET 1/2" BEYOND SUPPORT.
- REMOVE ALL PLASTIC ROOF DRAIN DOMES AND PROVIDE CAST IRON ROOF DRAIN DOMES AT ALL ROOF DRAINS AND OVERFLOWS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DRAINS TO BE IN WORKING CONDITION UPON PROJECT COMPLETION, AND PRIOR TO FINAL INSPECTION.

Construction Keynotes

- ROOFING ON COVER BOARD ON ROOF INSULATION.
- CRICKET - 1:12 SLOPE MIN.
- 4" CANT STRIP.
- REPOINT LOST MORTAR ON ROOF SIDE OF BRICK PARAPET WALL WITH EPOXY MORTAR.
- SEAL AND COAT (E) STUCCO WALL.
- PRIME AND PAINT (E) DOWNSPOUT.
- PARAPET COPING CAP.
- CUT ABANDONED CONDUIT AND CAP BELOW ROOF.
- PROVIDE CAST IRON ROOF DRAIN DOME.
- GUTTER.
- DOWNSPOUT, SEE DETAIL 19, A3.1.
- REMOVE (E) ROOFTOP SCUPPER.
- PROVIDE SLIP SHEET UNDER (E) UNIT SUPPORTS.
- REMOVE ABANDONED EQUIPMENT AND CURB. INFILL (E) OPENING WITH 1/2" OR 3/4" PLYWOOD ROOF SHEATHING TO MATCH (E) SHEATHING ON 2x8 WOOD JOISTS @ 16" O.C. PERPENDICULAR TO ROOF STRUCTURE. PROVIDE 2x8 BLOCKING W/ JOIST HANGERS AROUND (E) OPENING.

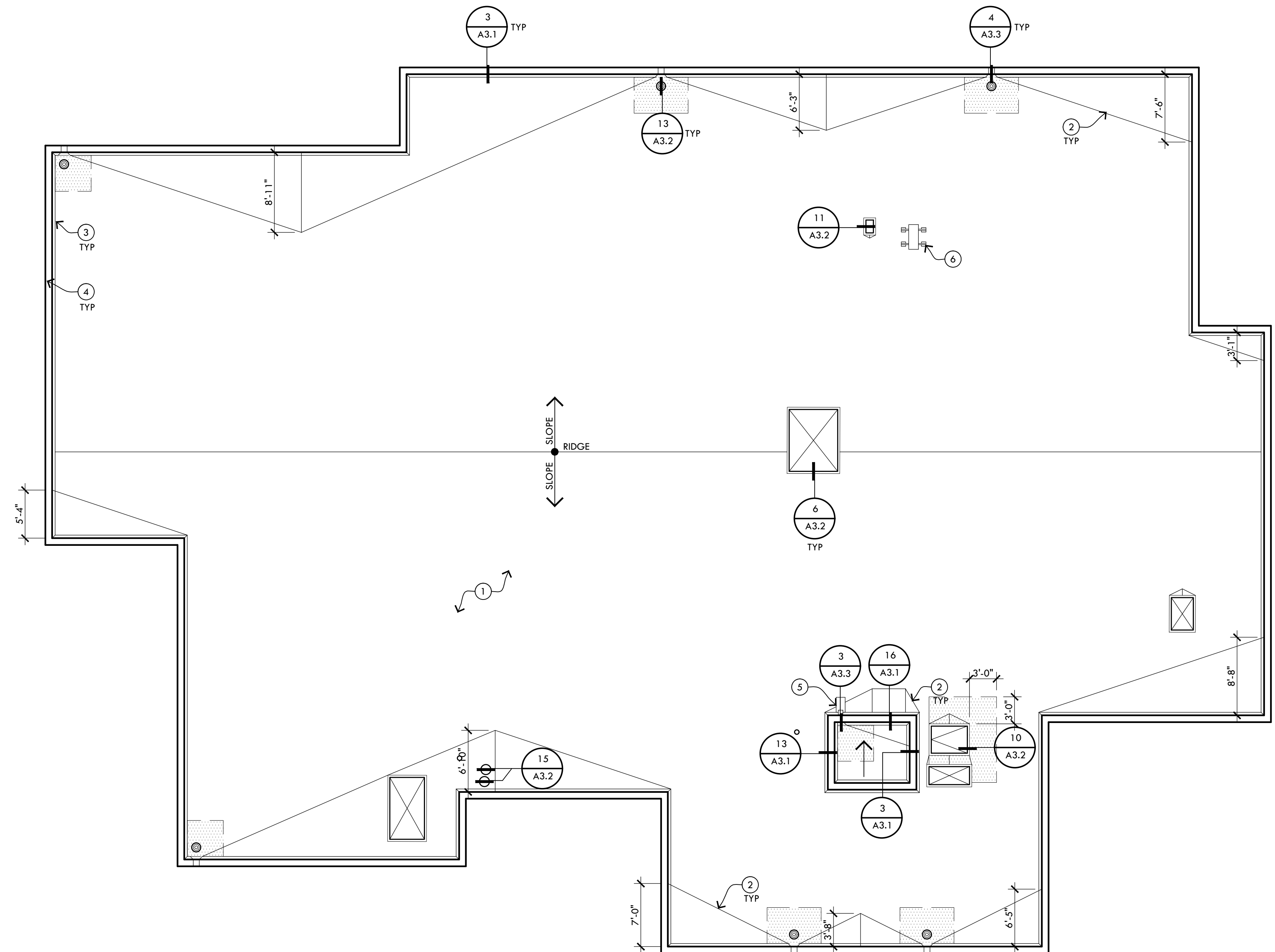
Symbol Legend

- PLUMBING STACK
- CONDUIT/PIPE PENETRATION
- ⊙ HEAT STACK
- ⊙ ROOF DRAIN (OVERFLOW WHERE OCCURS)
- ⊙ EXHAUST
- ⊗ PASSIVE VENT/AIR INTAKE
- ⊗ AC AIR CONDITIONING UNIT
- ⊗ EC EVAPORATIVE COOLING UNIT
- ⊗ ROOF HATCH
- ⊗ FLOOD COAT



Roof Plan S

1/8" = 1'-0" 0 8 24'



Construction General Notes

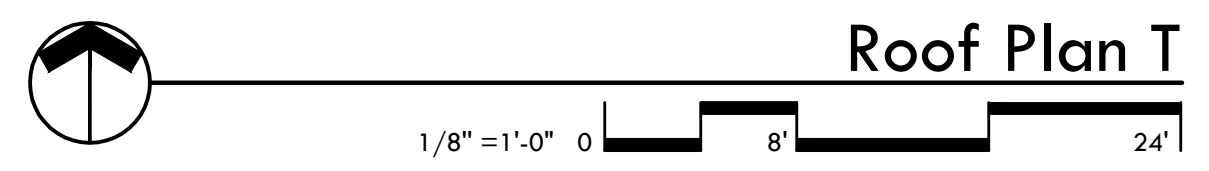
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- CONTRACTOR SHALL LEAVE AREAS AFFECTED BY DEMOLITION AND SURROUNDING AREAS CLEAN AT THE END OF THE WORK DAY. SURROUNDING AREAS NOT INCLUDED IN THE SCOPE OR LIMITS OF WORK SHALL BE PROTECTED FROM DUST AND DEBRIS.
- ALL ROOFING TO BE REMOVED AND REPLACED.
- FOLLOWING THE REMOVAL OF EXISTING ROOFING MATERIAL, THE CONTRACTOR SHALL PERFORM A GENERAL CONDITION SITE INSPECTION. NOTIFY ARCHITECT OF CONDITIONS.
- THE METAL ROOF DECK SHALL BE CLEANED OF ANY SURFACE CORROSION PRIOR TO REROOFING. IN AREAS OF SEVERE CORROSION, STEEL DELAMINATION, OR OTHER STRUCTURAL CONCERNS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT FOR REPAIR GUIDELINES. SUCH REPAIRS SHALL BE COMPLETED PRIOR TO REROOFING.
- CONTRACTOR SHALL TAPE CHARCOAL FILTER ROLLS OVER AIR INTAKES AND SHUT OFF FRESH AIR INTAKES ON HVAC UNITS DURING ROOFING INSTALLATION.
- ALL ROOF EDGE FLASHING, COPINGS, BASE FLASHING, COUNTER FLASHING, ROOF PENETRATION FLASHING, AND PARAPET SCUPPERS TO BE REMOVED AND REPLACED U.N.O.
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Construction Keynotes

- ROOFING ON COVER BOARD ON ROOF INSULATION.
- CRICKET - 1:12 SLOPE MIN.
- 4" CANT STRIP.
- PARAPET COPING CAP. SALVAGE COPPER TO OWNER.
- PROVIDE SLIP SHEET UNDER (E) SPLASH BLOCK.
- PROVIDE SLIP SHEET UNDER (E) UNIT SUPPORTS.

Symbol Legend

- PLUMBING STACK
- CONDUIT/PIPE PENETRATION
- ⊙ HEAT STACK
- ⊙ ROOF DRAIN (OVERFLOW WHERE OCCURS)
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- ⊙ ROOF HATCH
- ⊙ FLOOD COAT



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520.882.9944

Amphitheater Public Schools
Canyon del Oro High School
 Roof Replacement - Phase 1



PROJECT NO:
17.14.12

DATE:
MAY 2019

| REVISION | SCHEDULE | DATE | DESCRIPTION | ISSUED TO |
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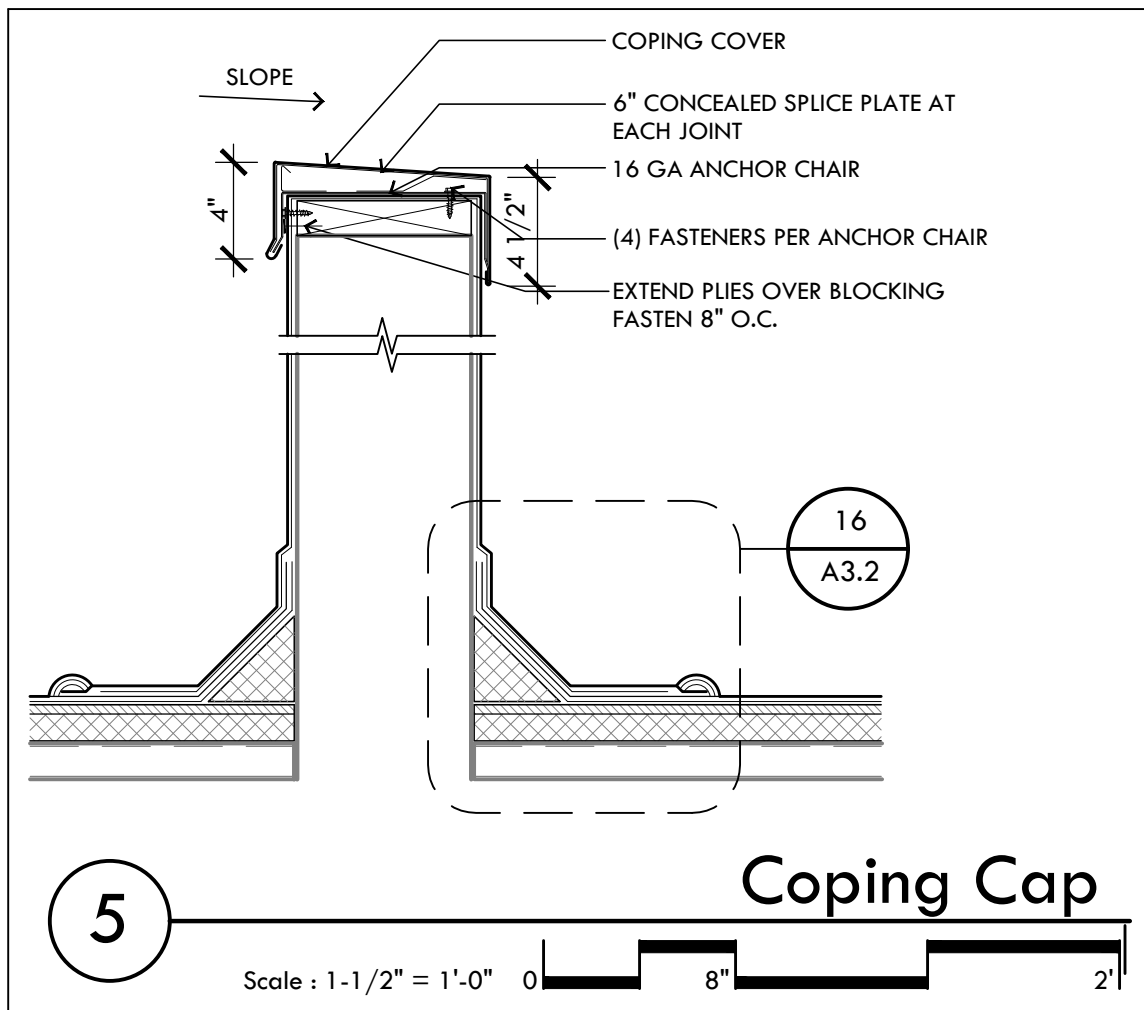
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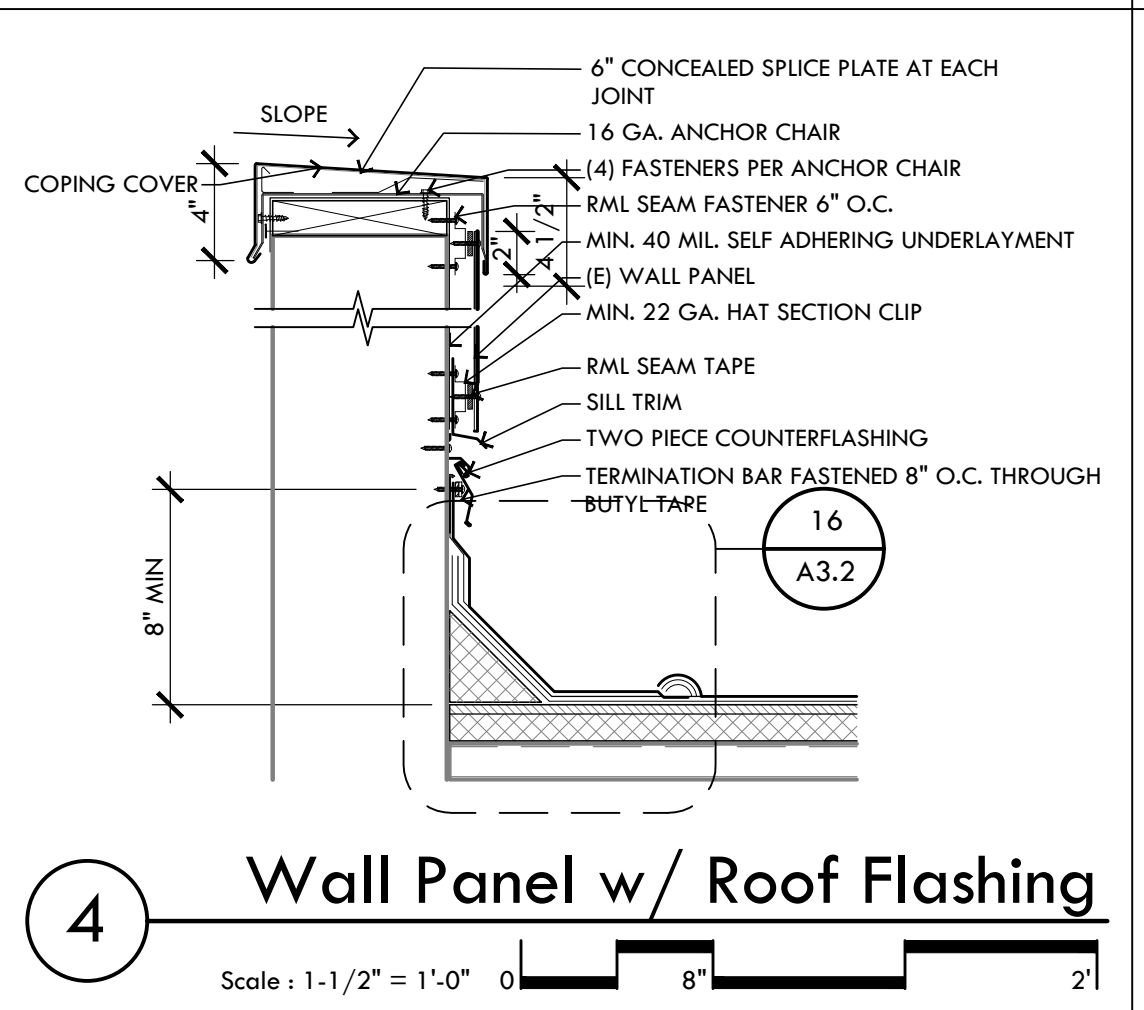
Roof Plan T

A2.10

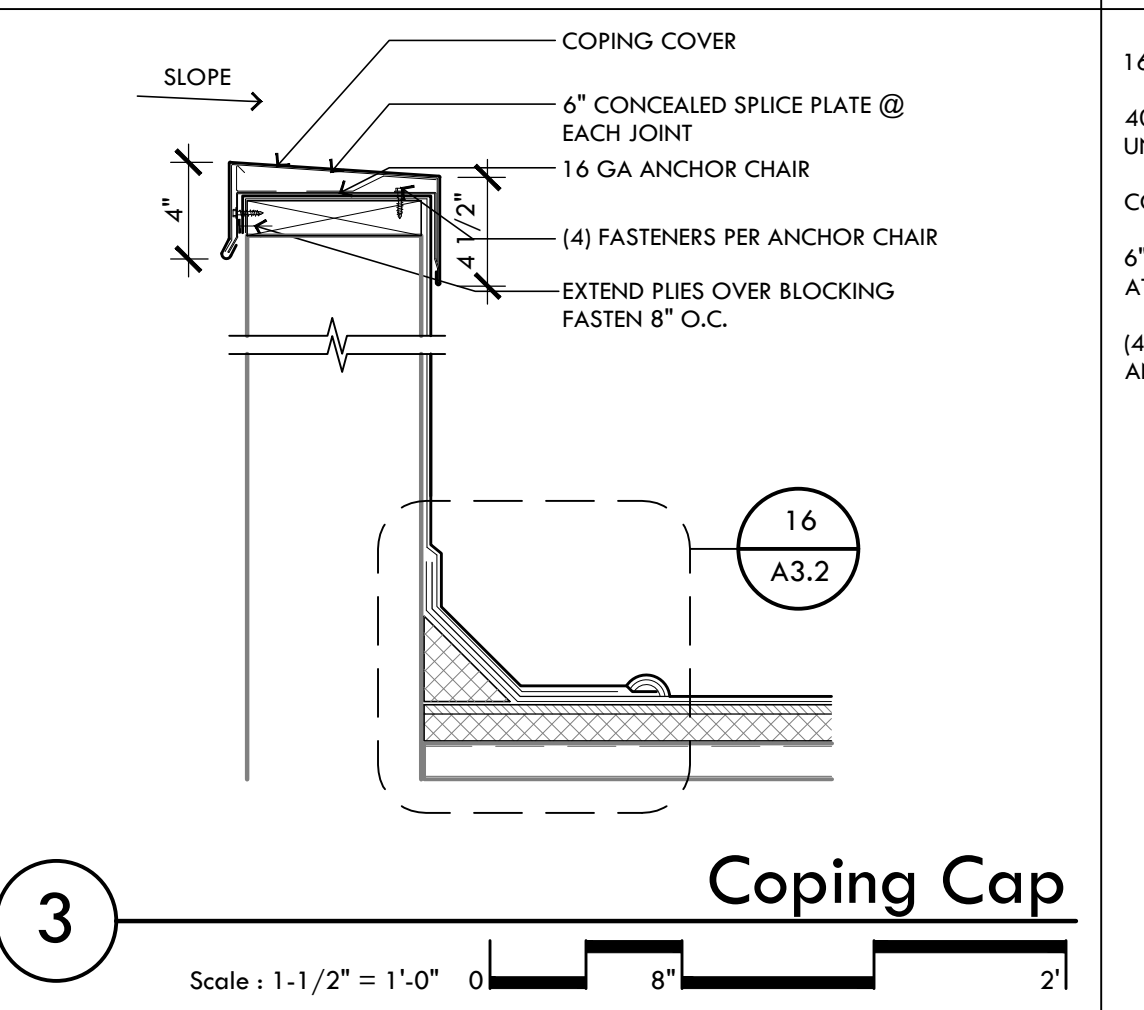
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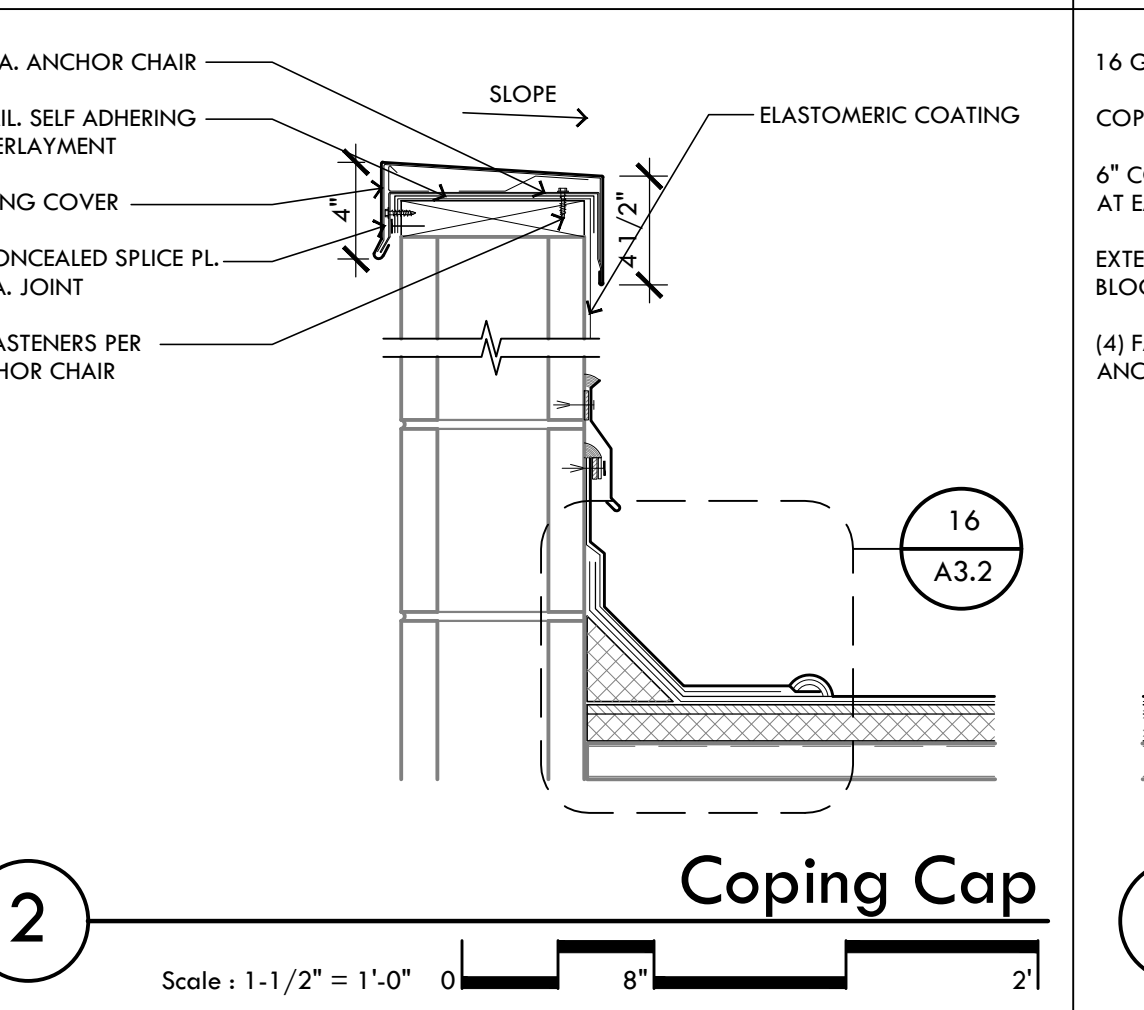
5 Coping Cap
Scale: 1-1/2" = 1'-0" 0 8" 2'



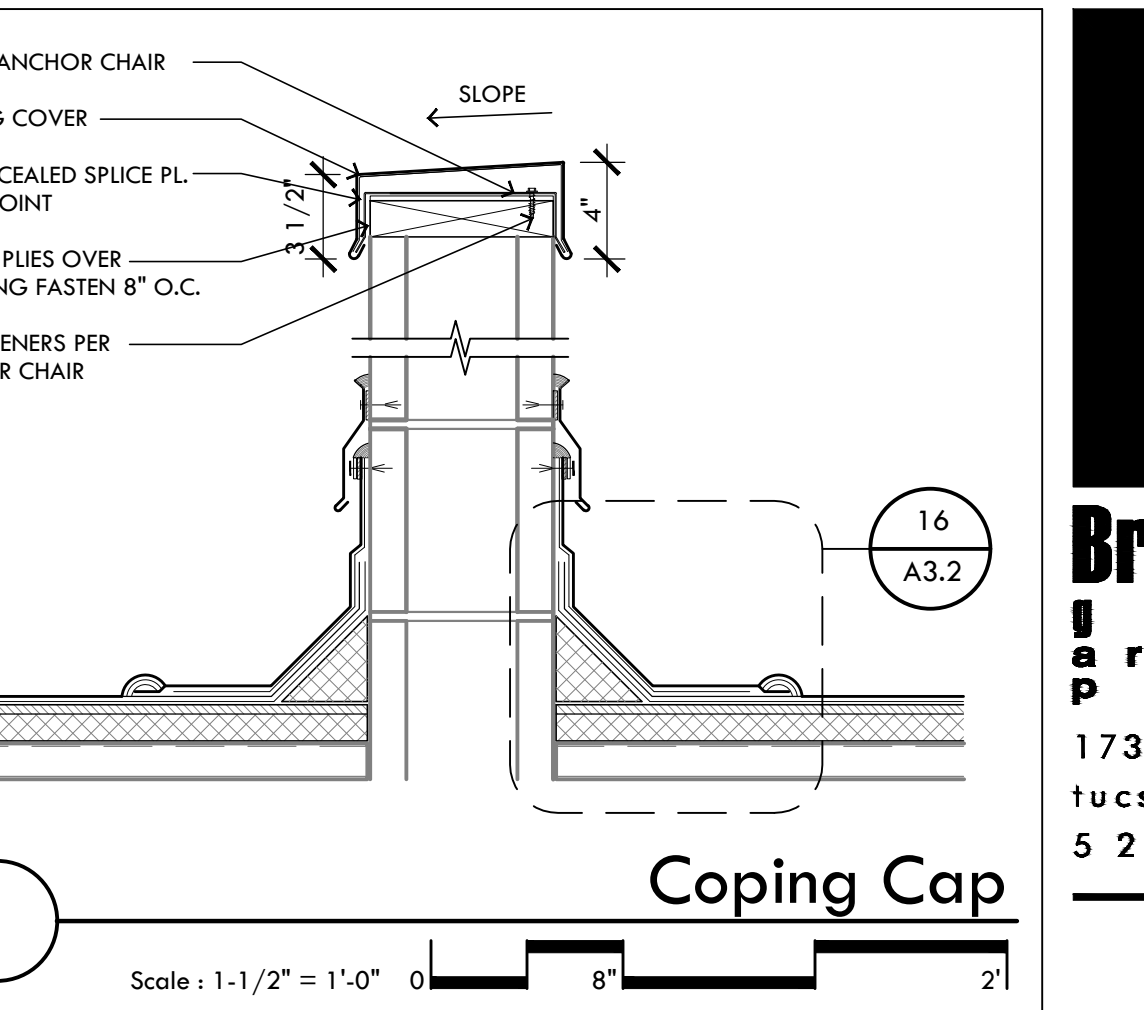
4 Wall Panel w/ Roof Flashing
Scale: 1-1/2" = 1'-0" 0 8" 2'



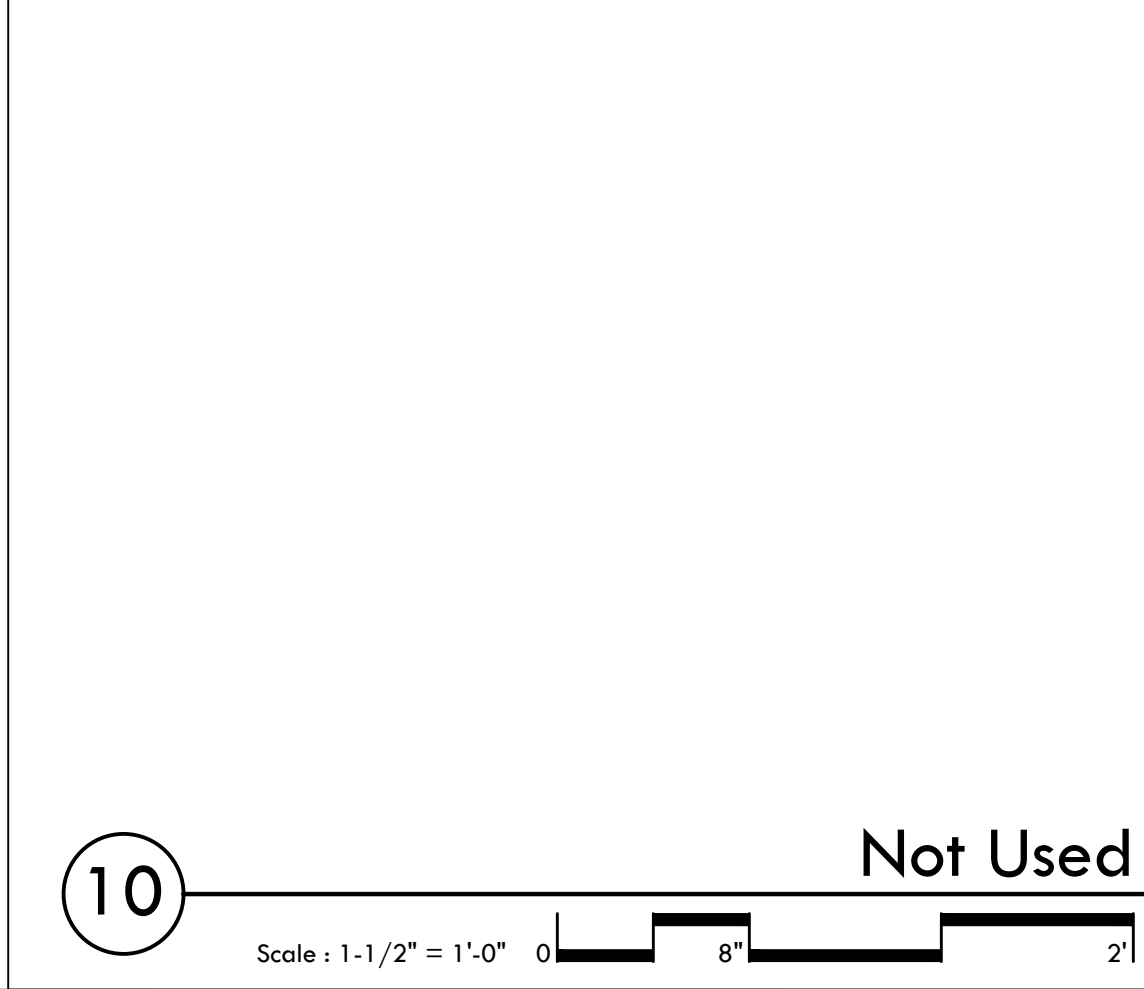
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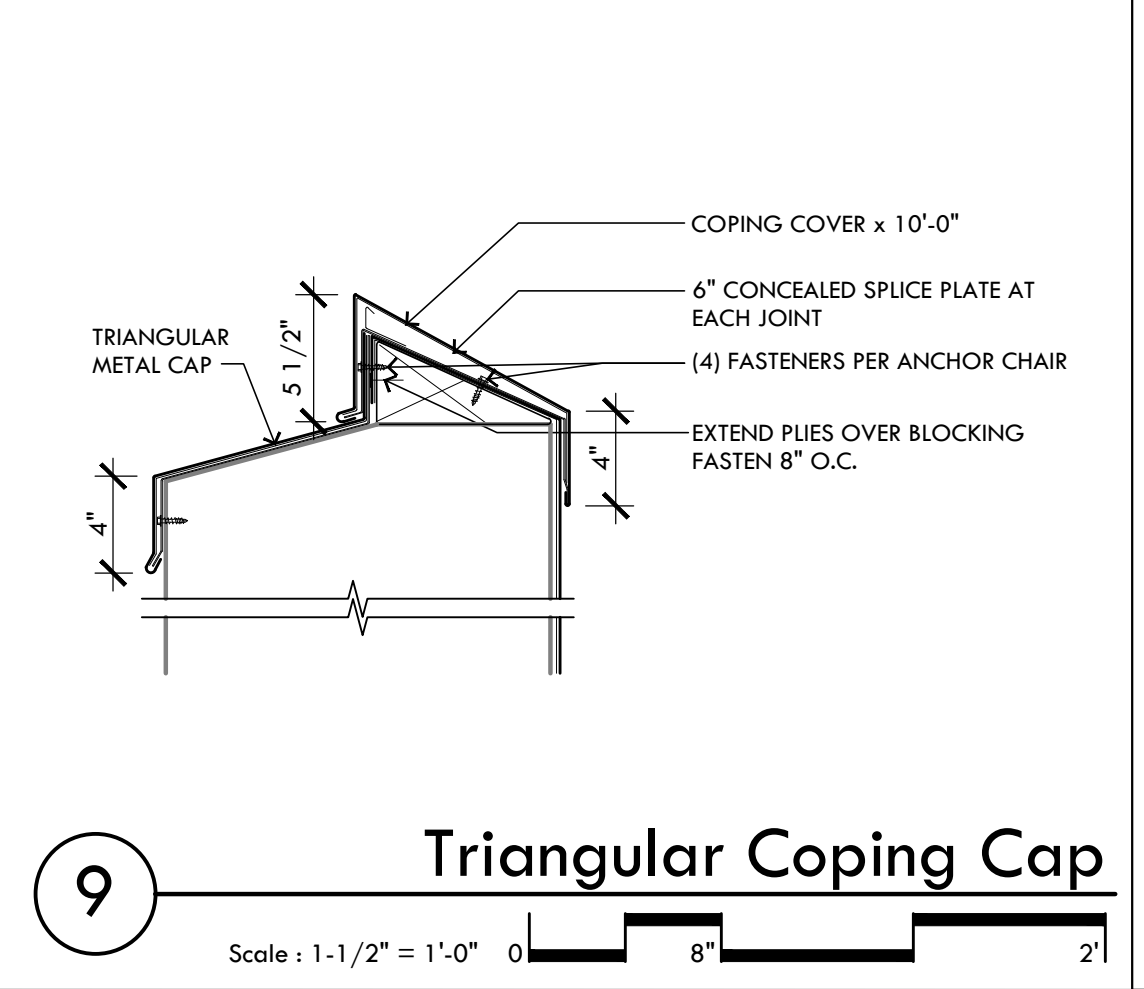
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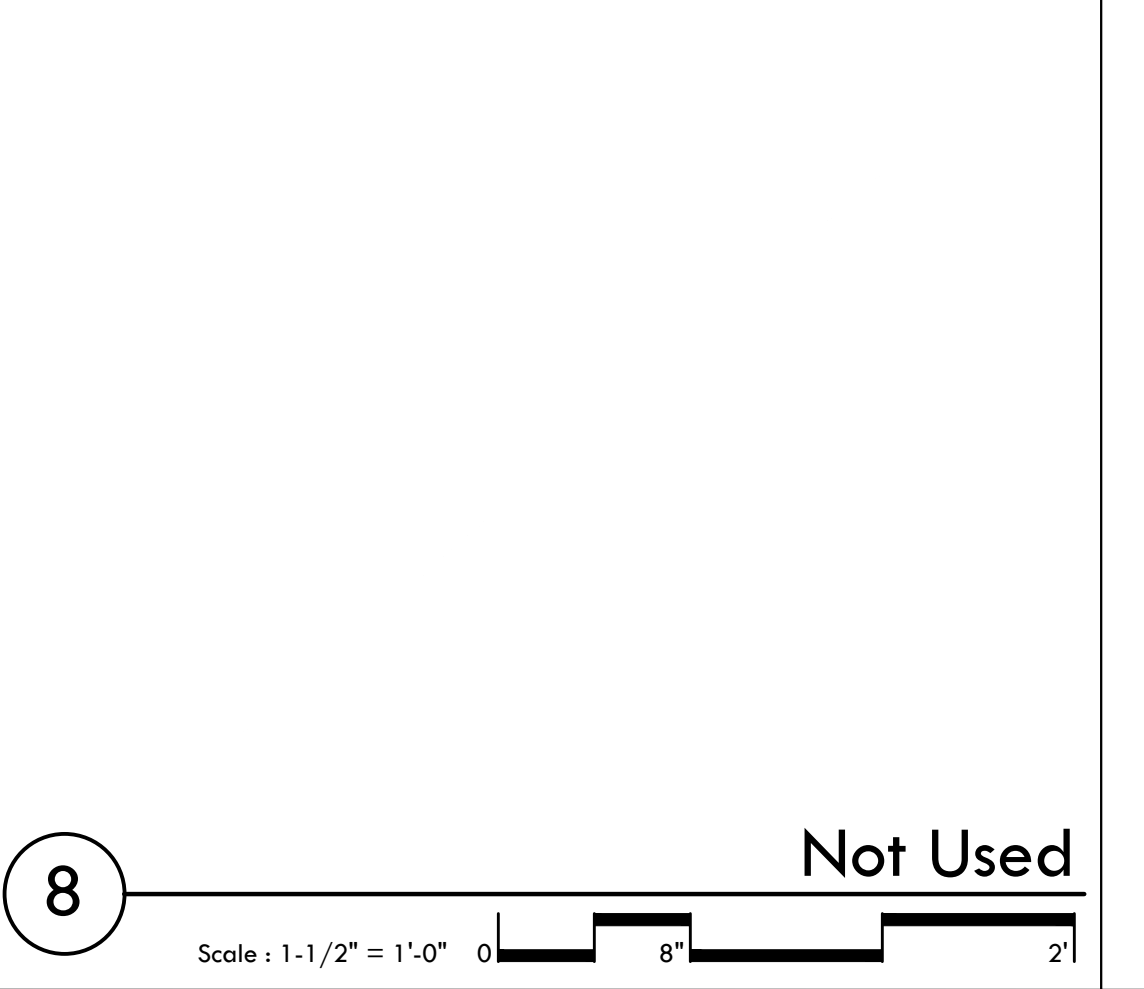
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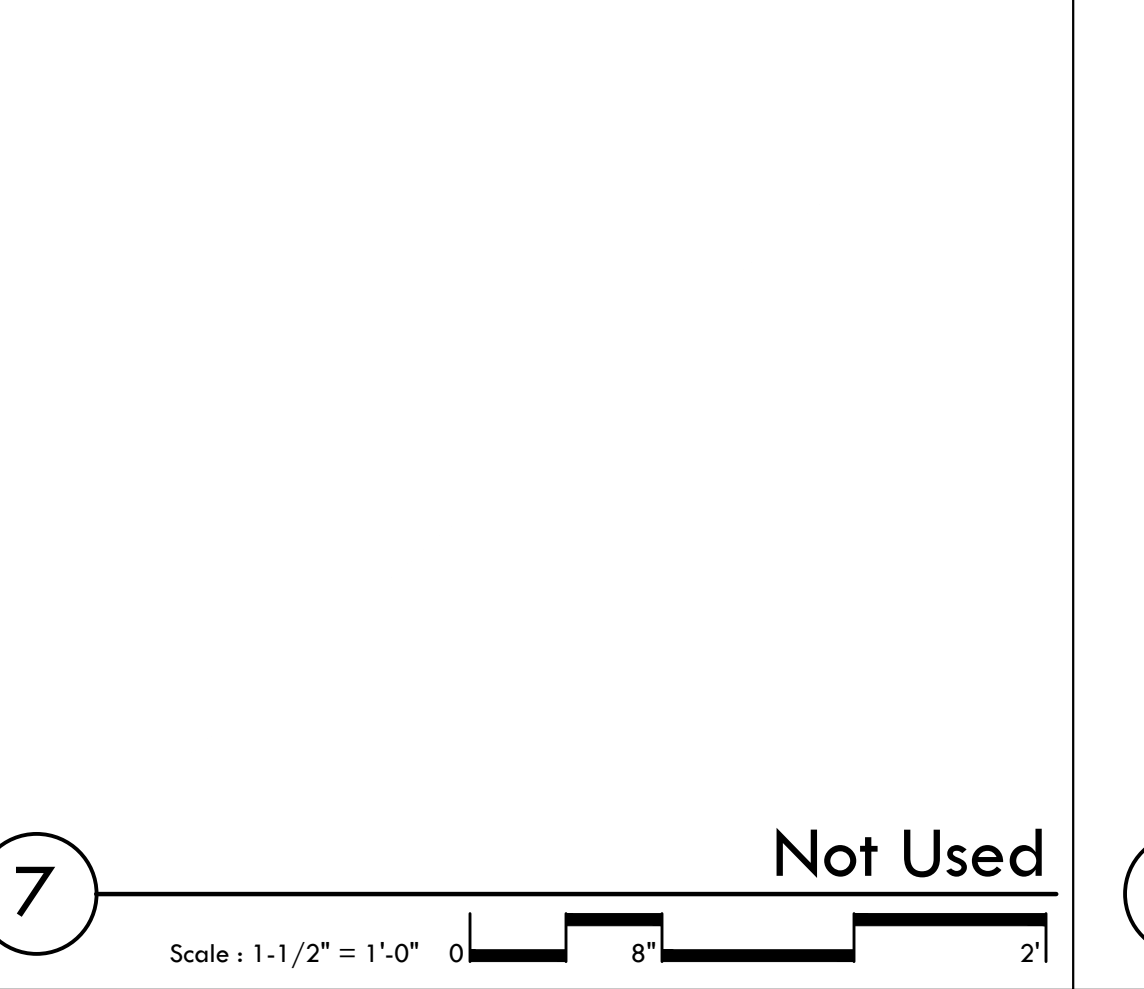
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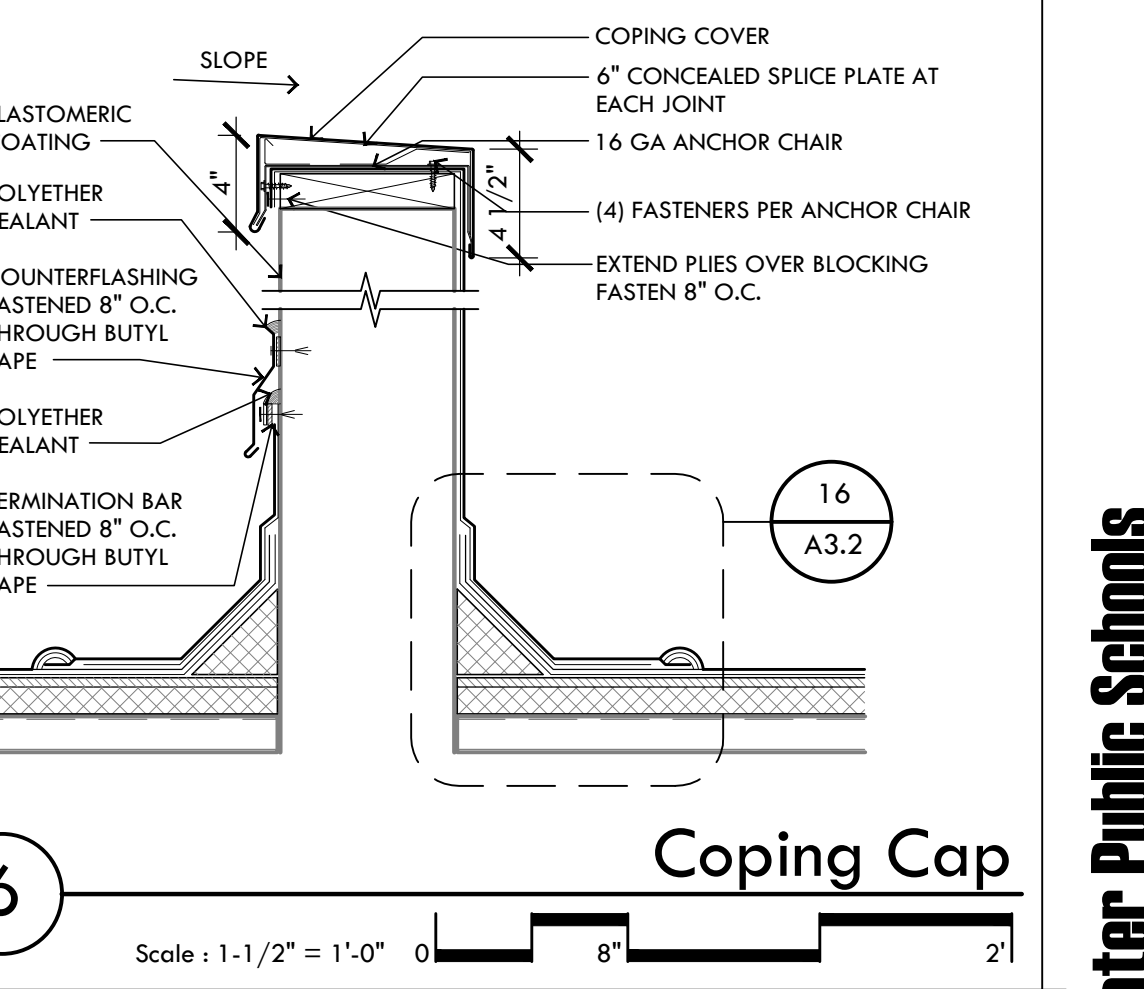
9 Triangular Coping Cap
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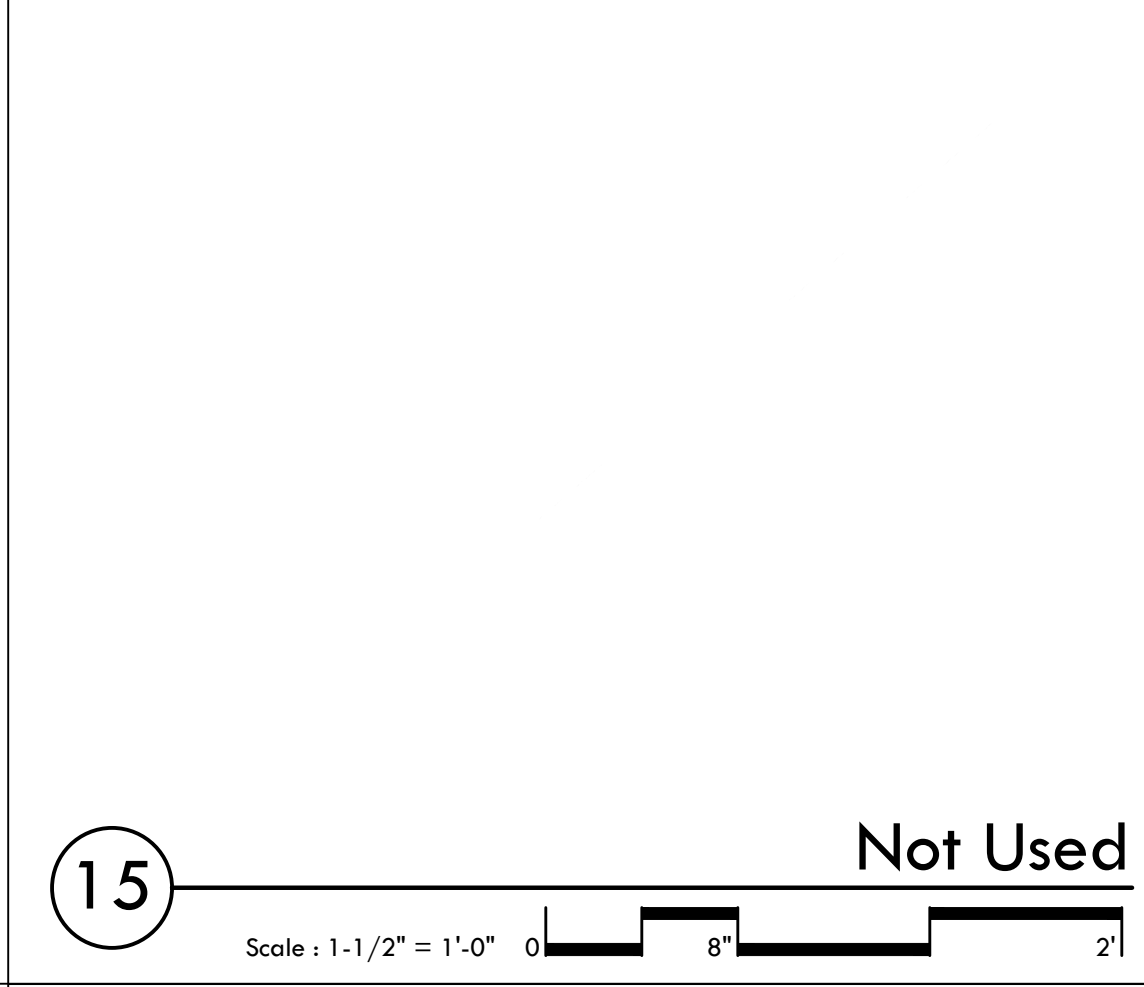
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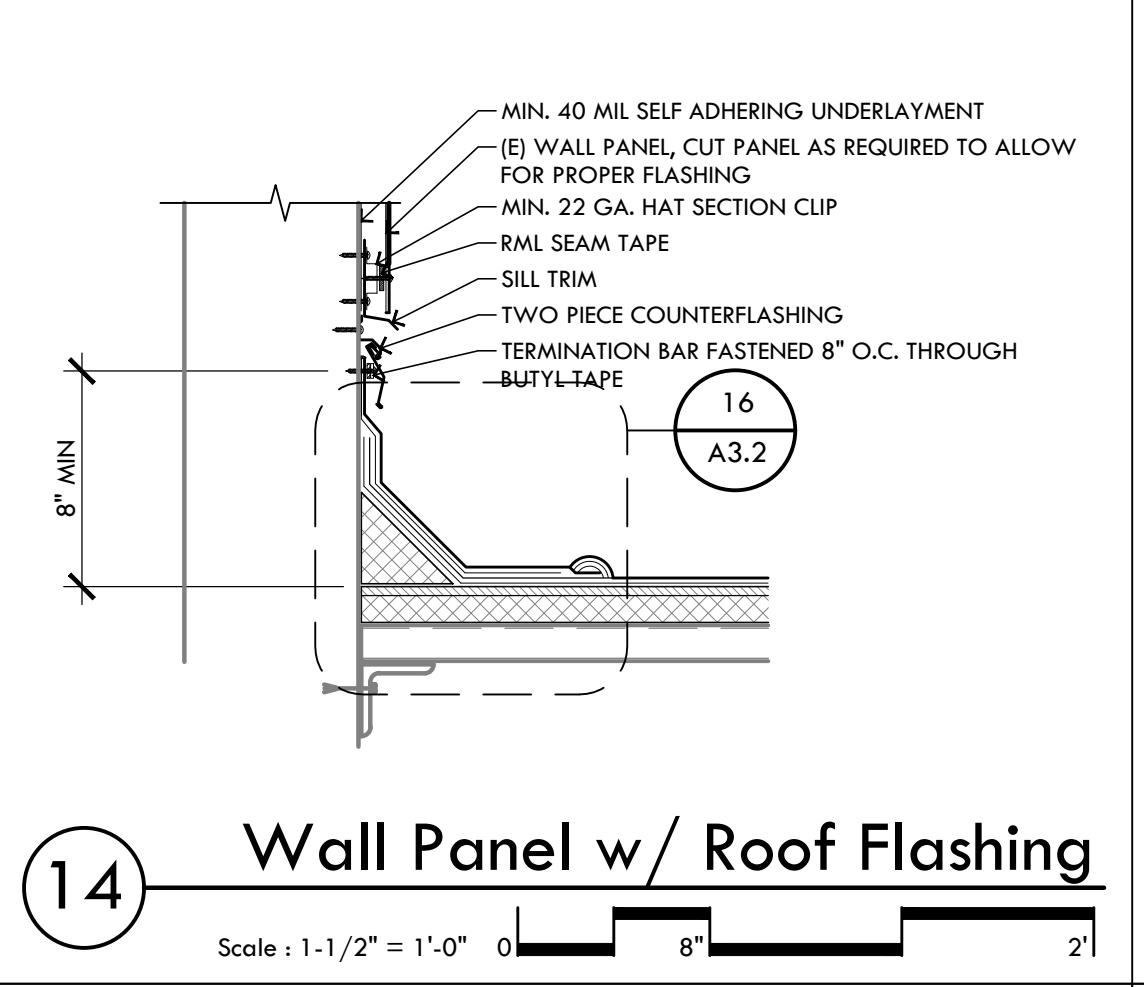
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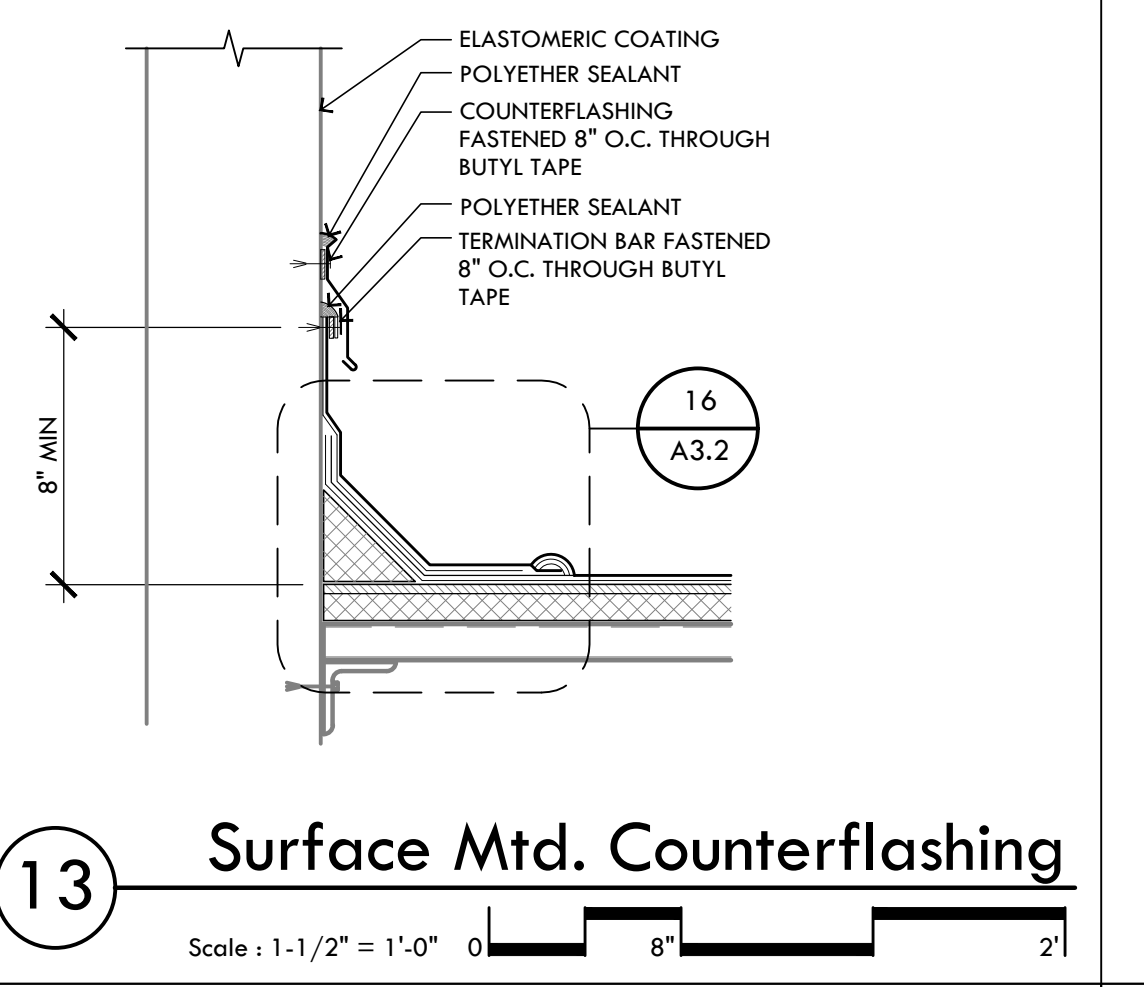
6 Coping Cap
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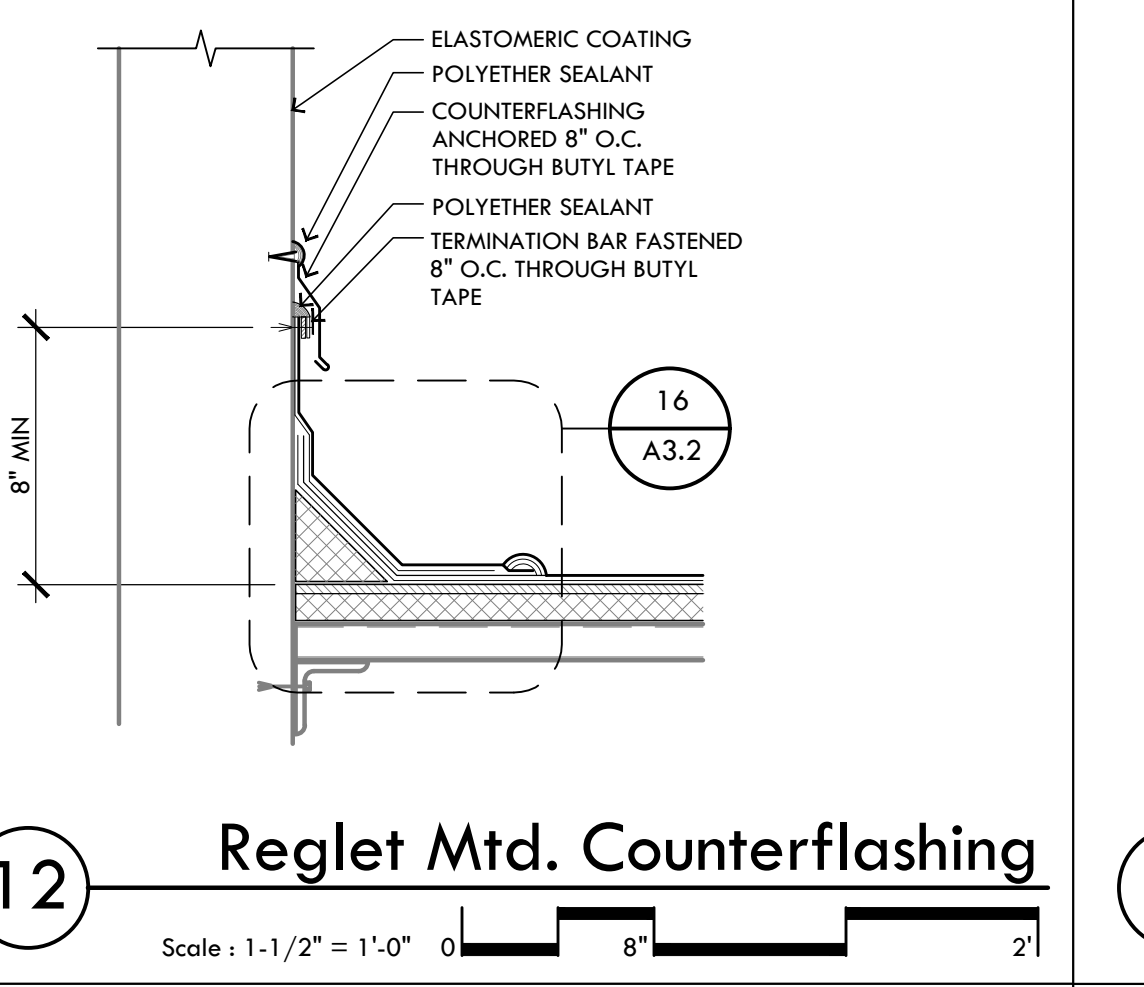
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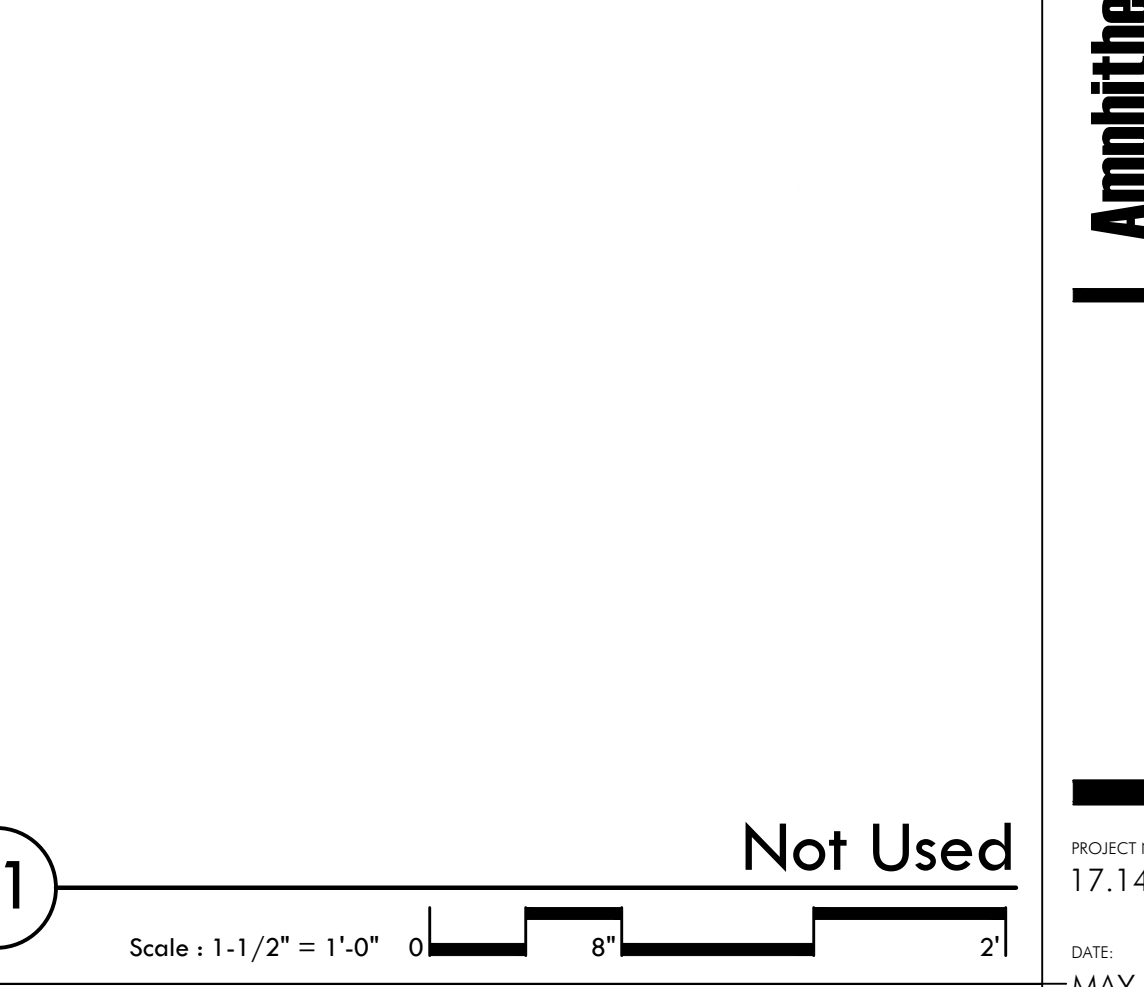
14 Wall Panel w/ Roof Flashing
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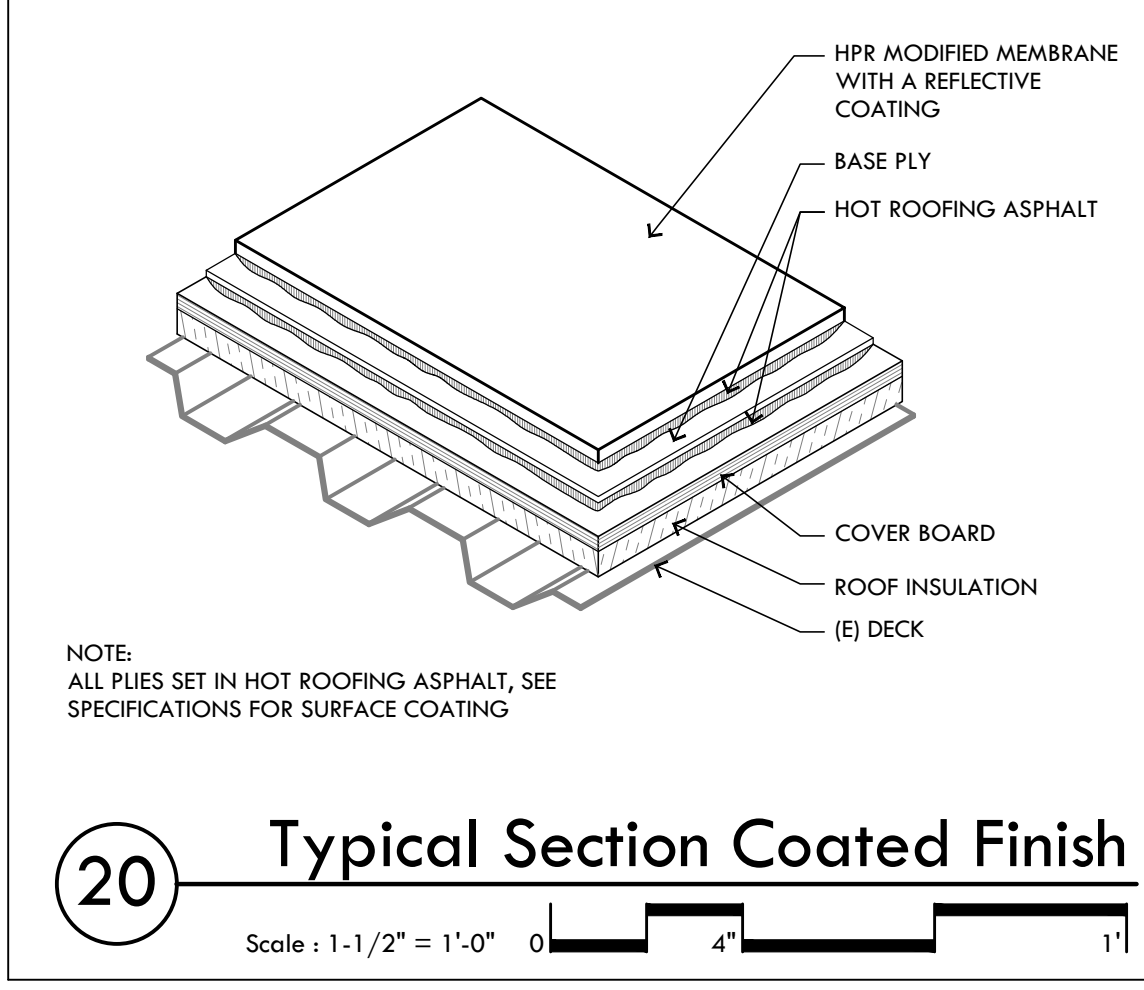
13 Surface Mtd. Counterflashing
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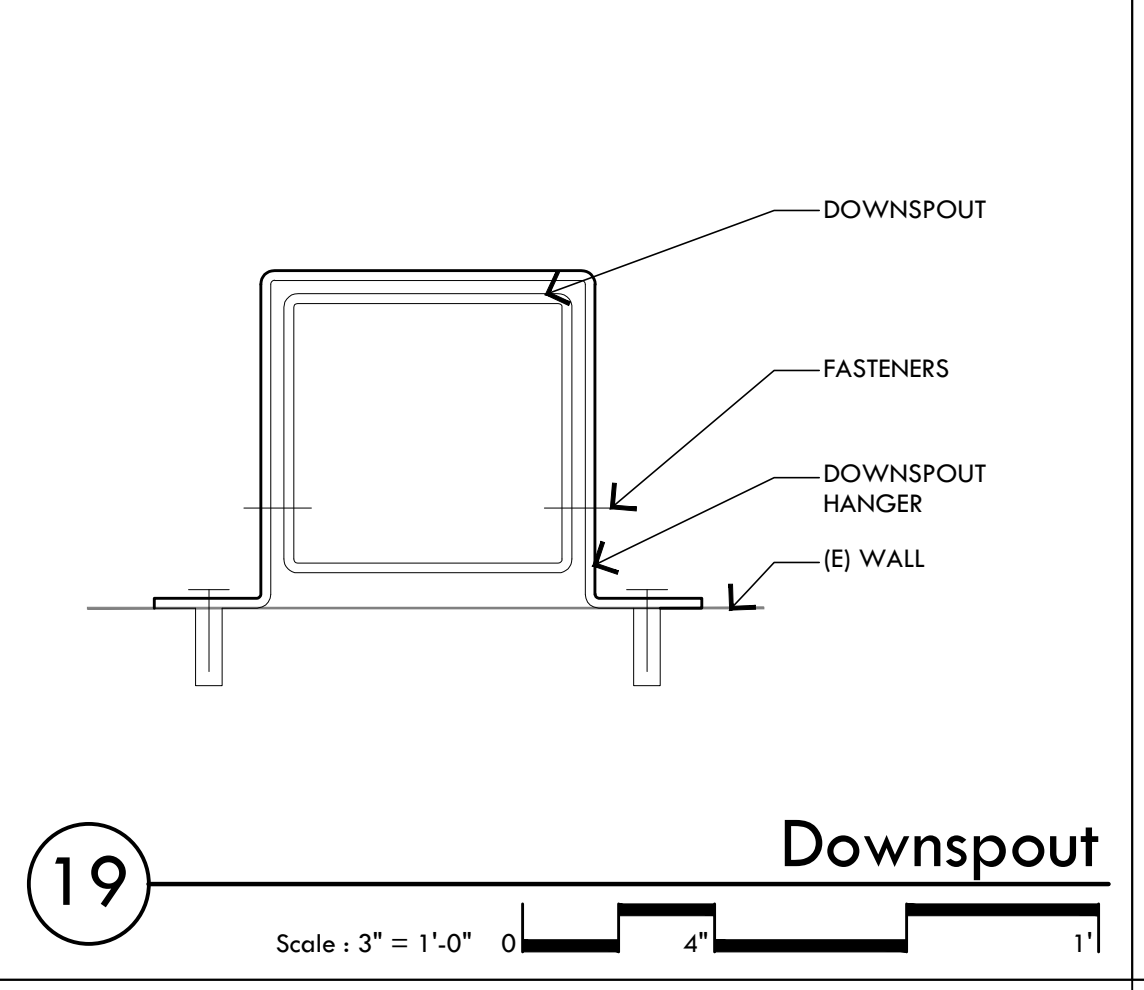
12 Reglet Mtd. Counterflashing
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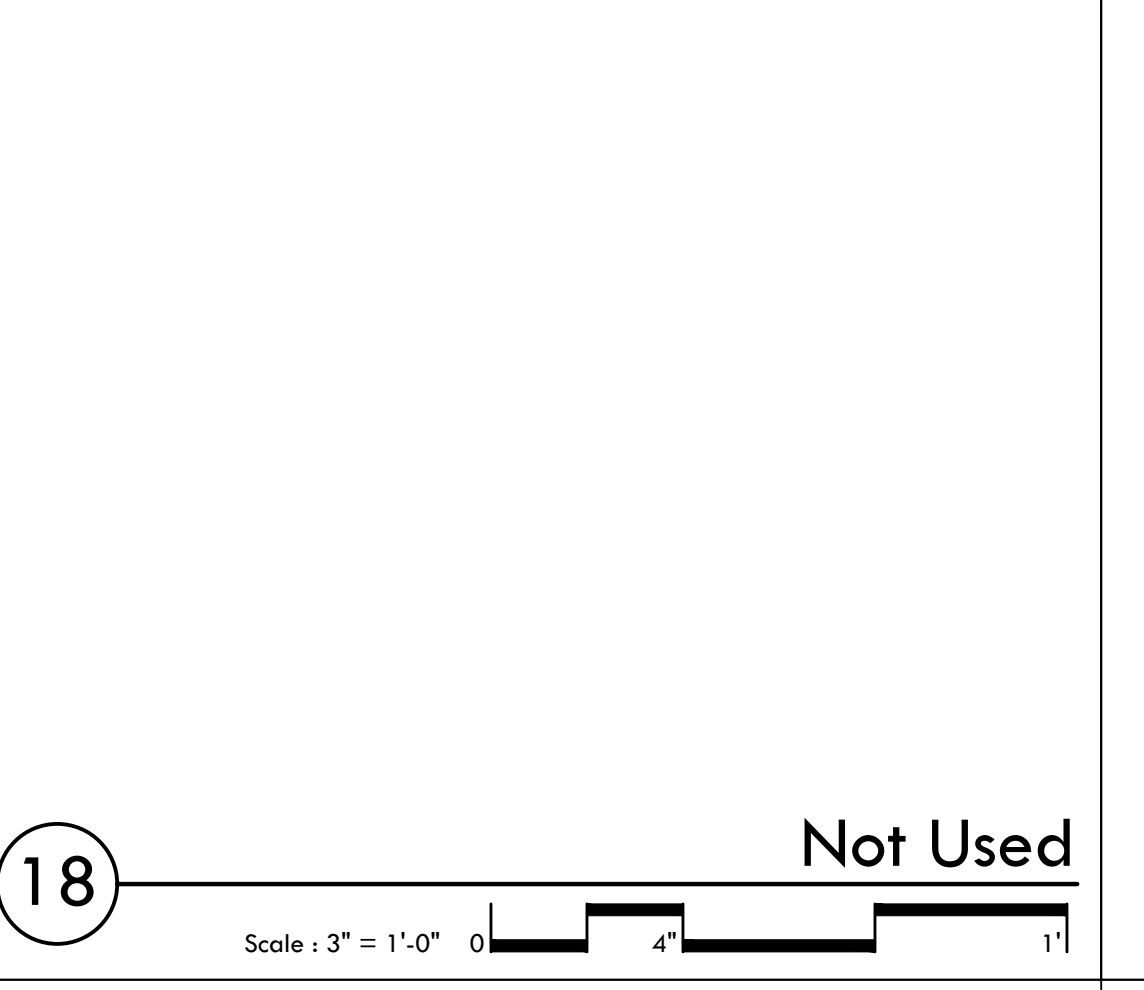
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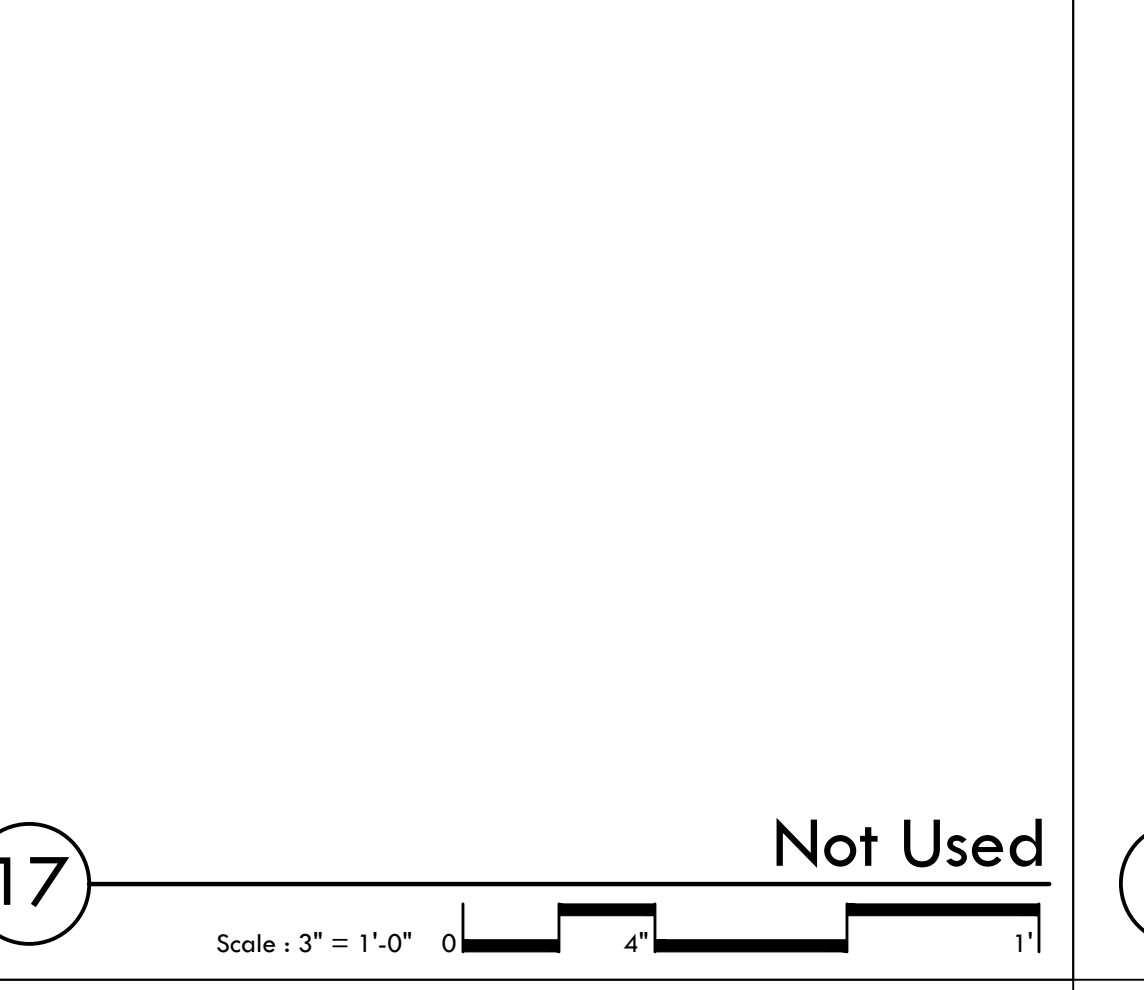
20 Typical Section Coated Finish
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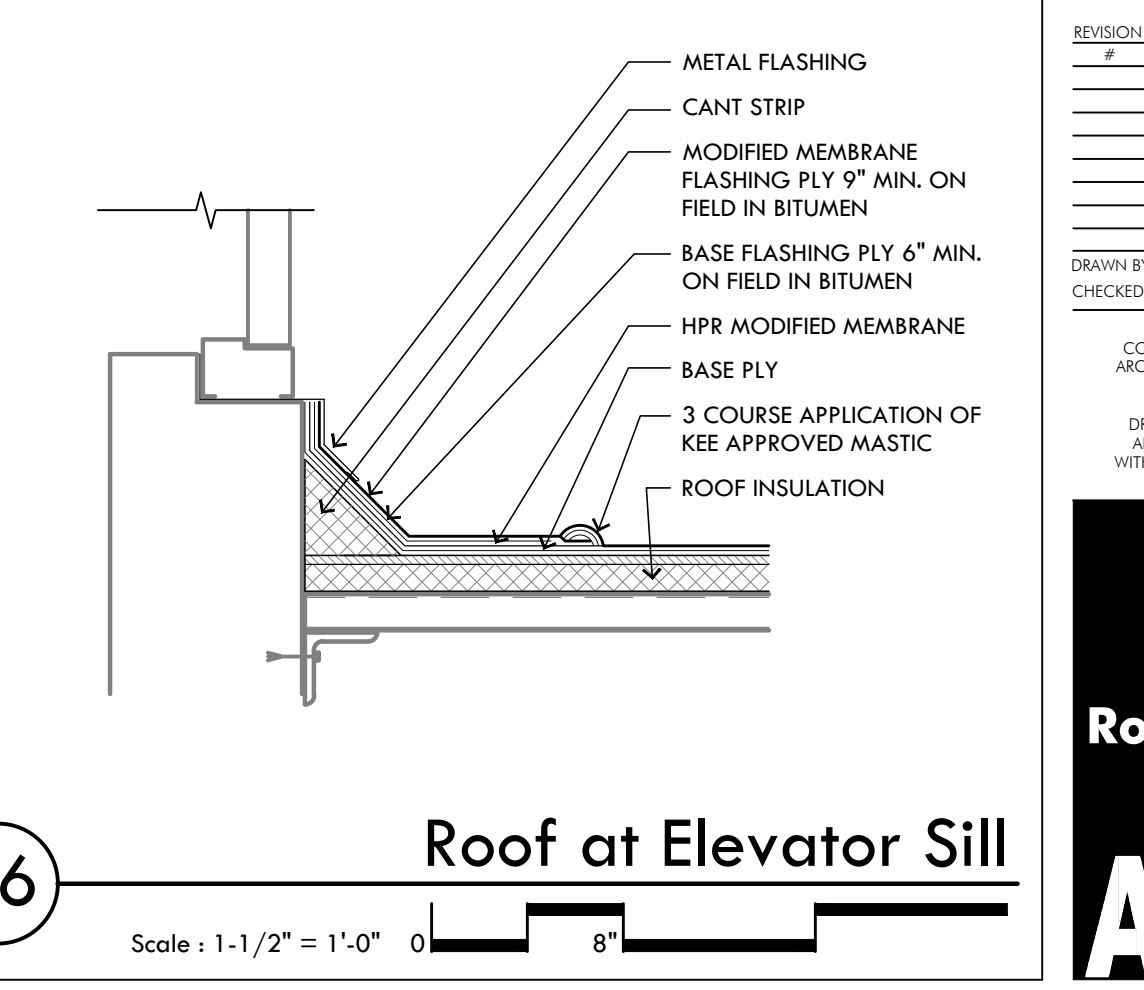
19 Downspout
Scale: 3" = 1'-0" 0 4" 1'



18 Not Used
Scale: 3" = 1'-0" 0 4" 1'



17 Not Used
Scale: 3" = 1'-0" 0 4" 1'



16 Roof at Elevator Sill
Scale: 1-1/2" = 1'-0" 0 8" 2'

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Amphitheater Public Schools
Canyon del Oro High School
Roof Replacement - Phase 1



PROJECT NO.
17.14.12

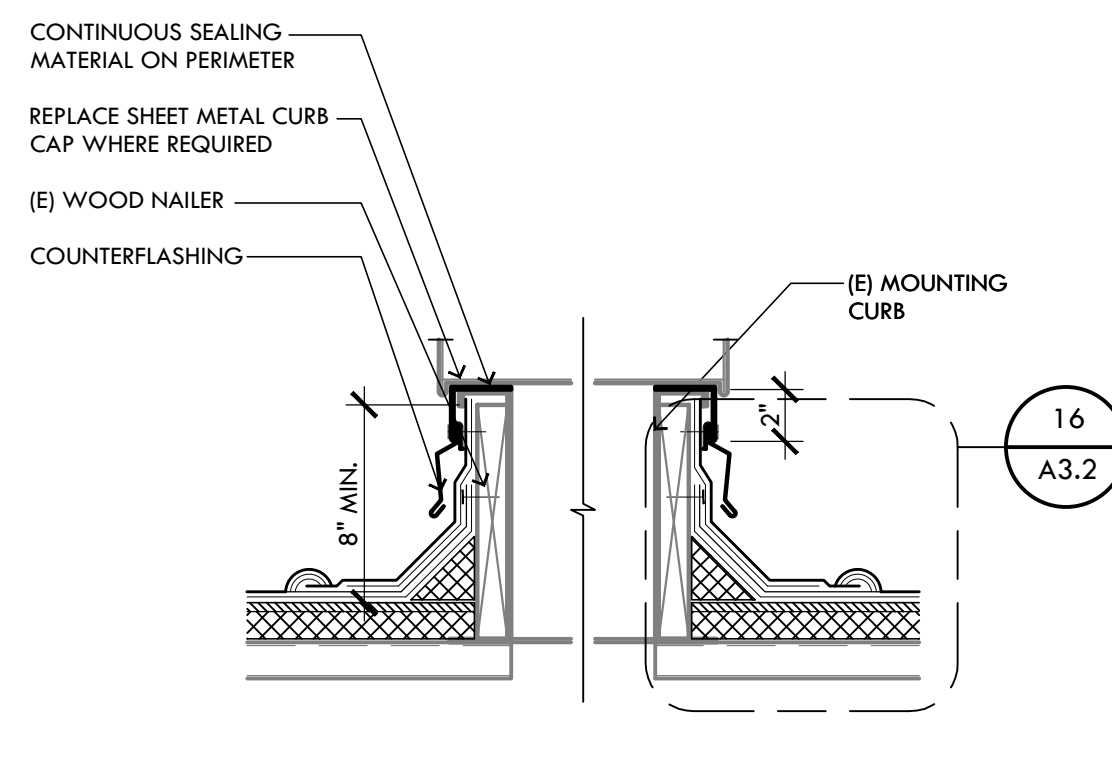
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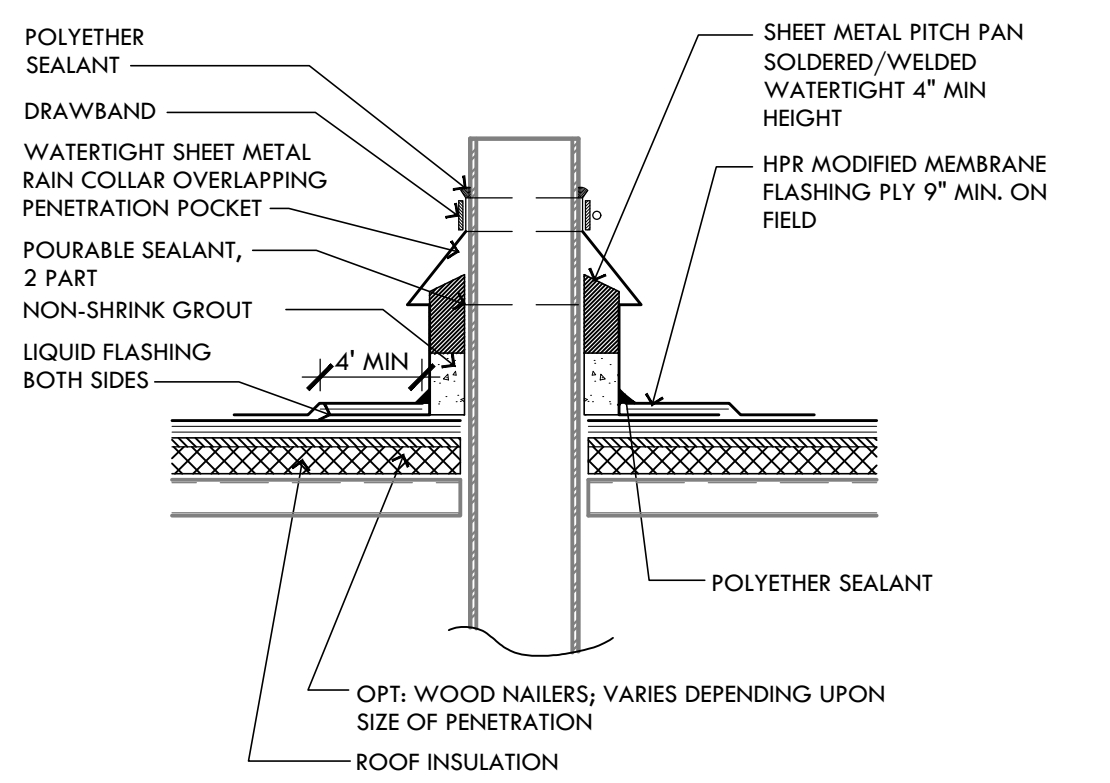
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Roof Details

A3.1



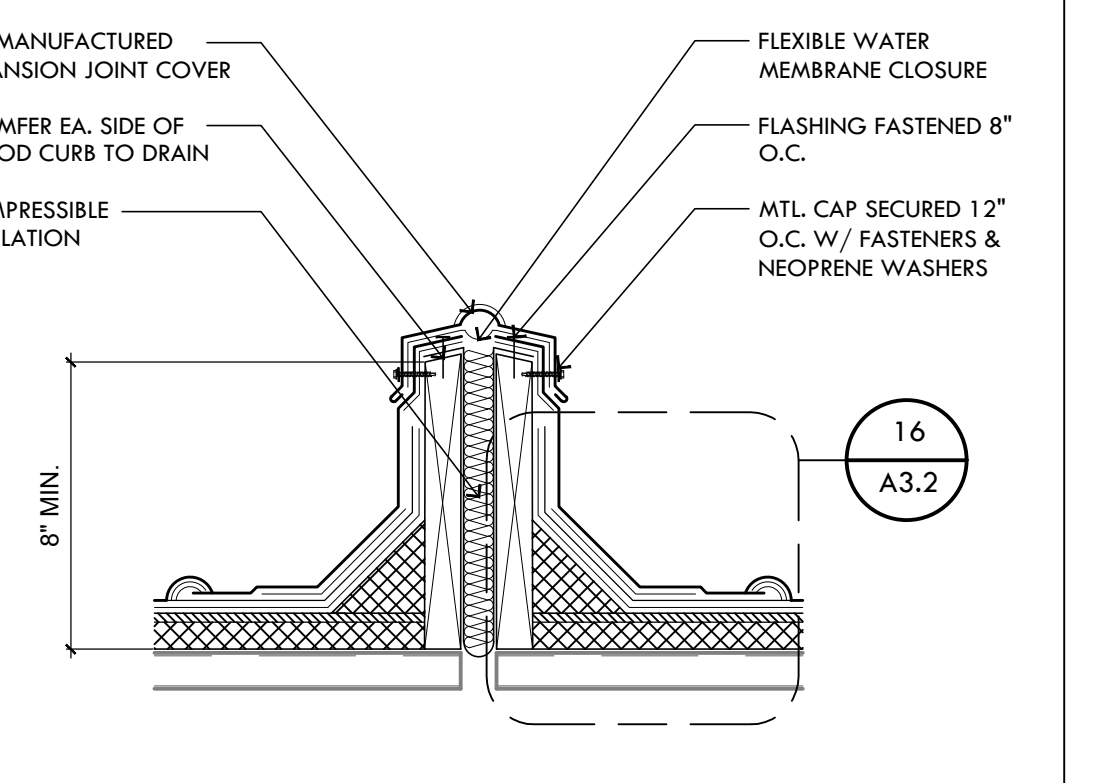
5 HVAC Curb
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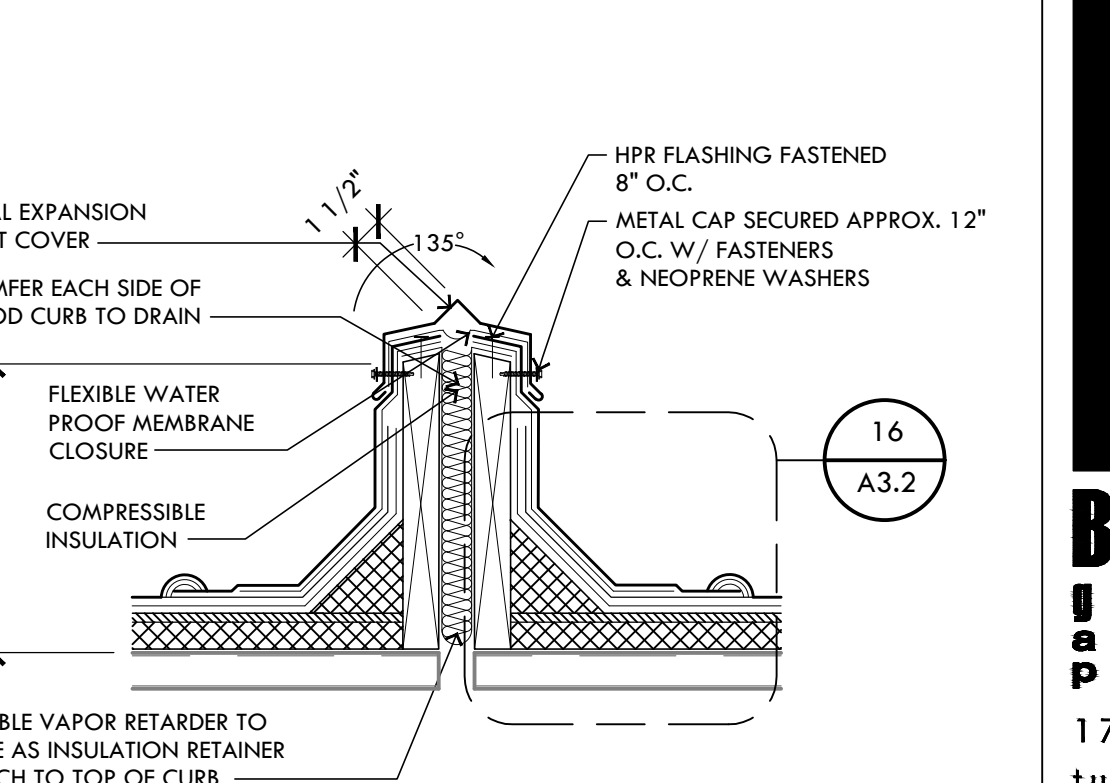
4 Pitch Pocket w/ Umbrella
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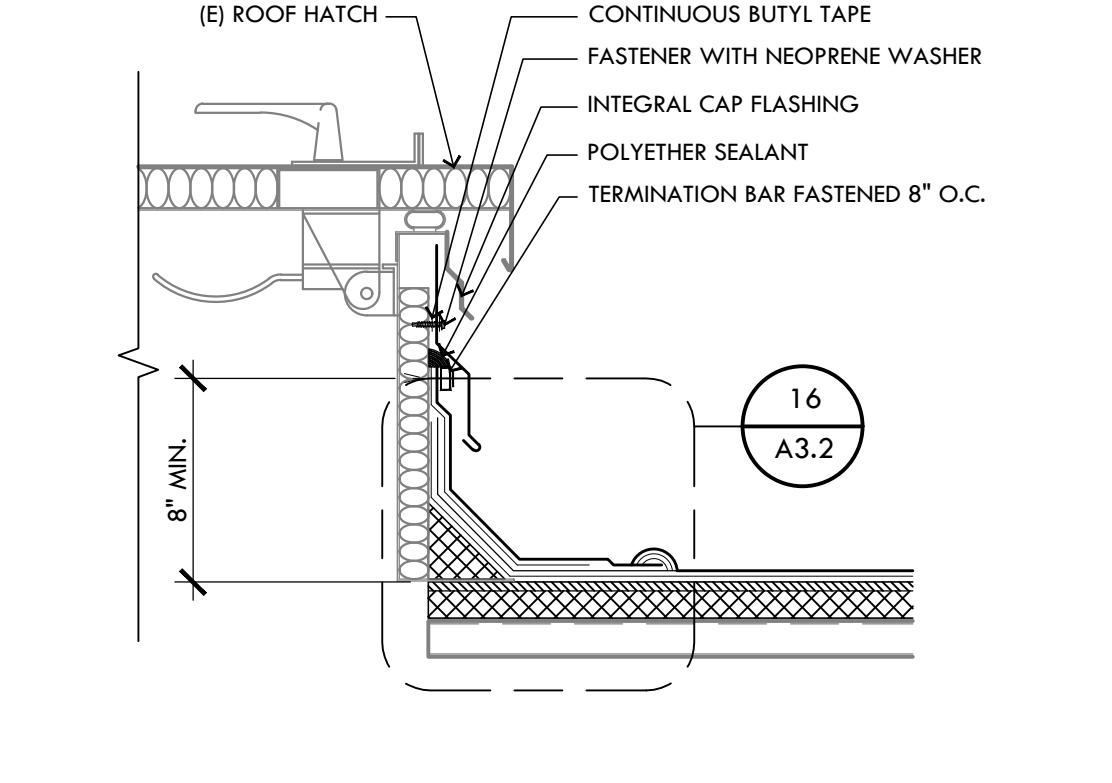
3 Not Used
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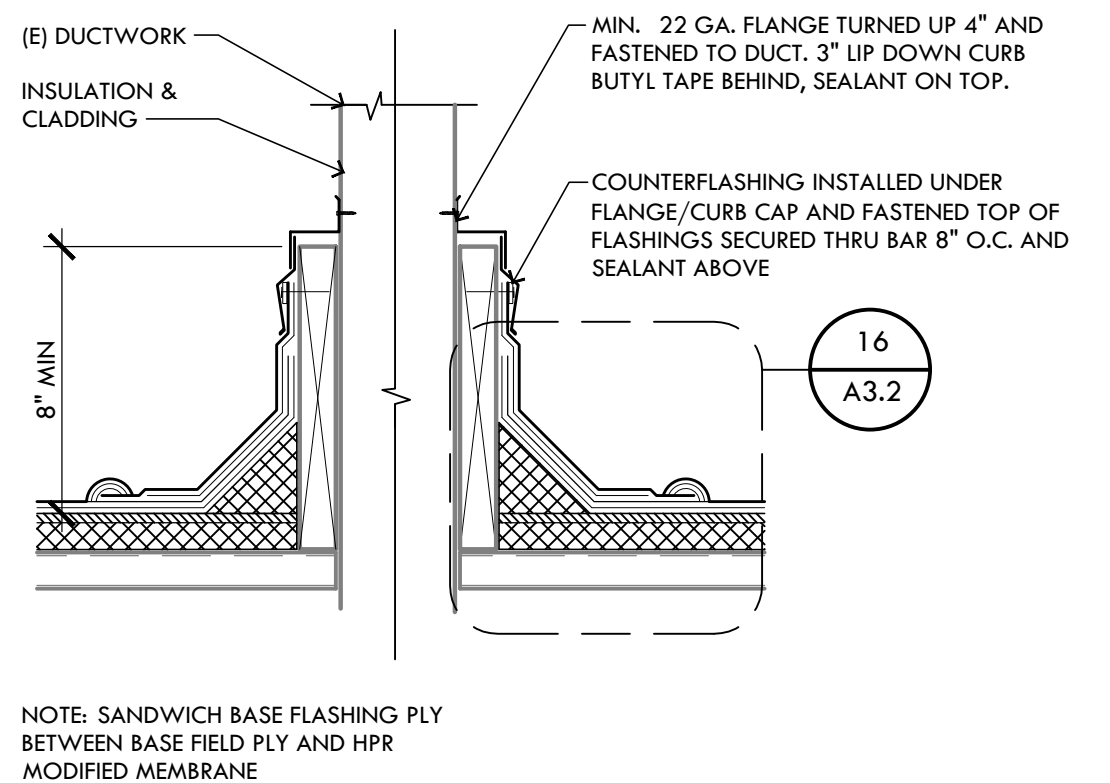
2 Expansion Joint
Scale: 1-1/2" = 1'-0" 0 8" 2'



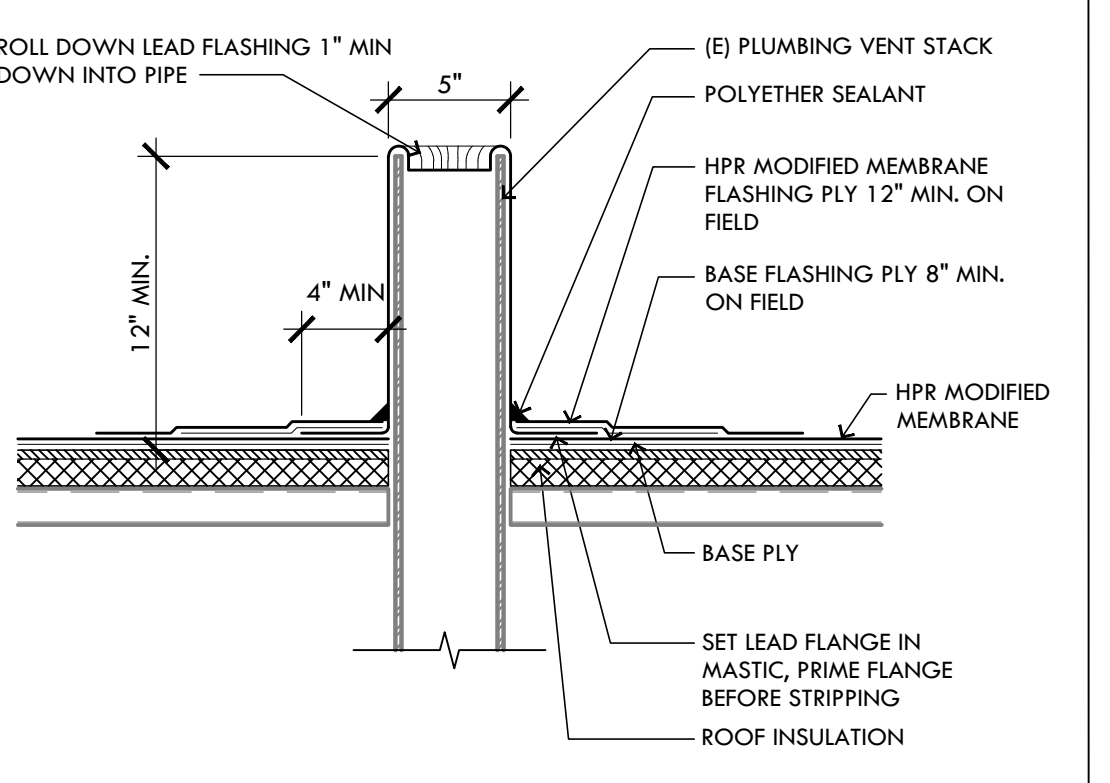
1 Expansion Joint
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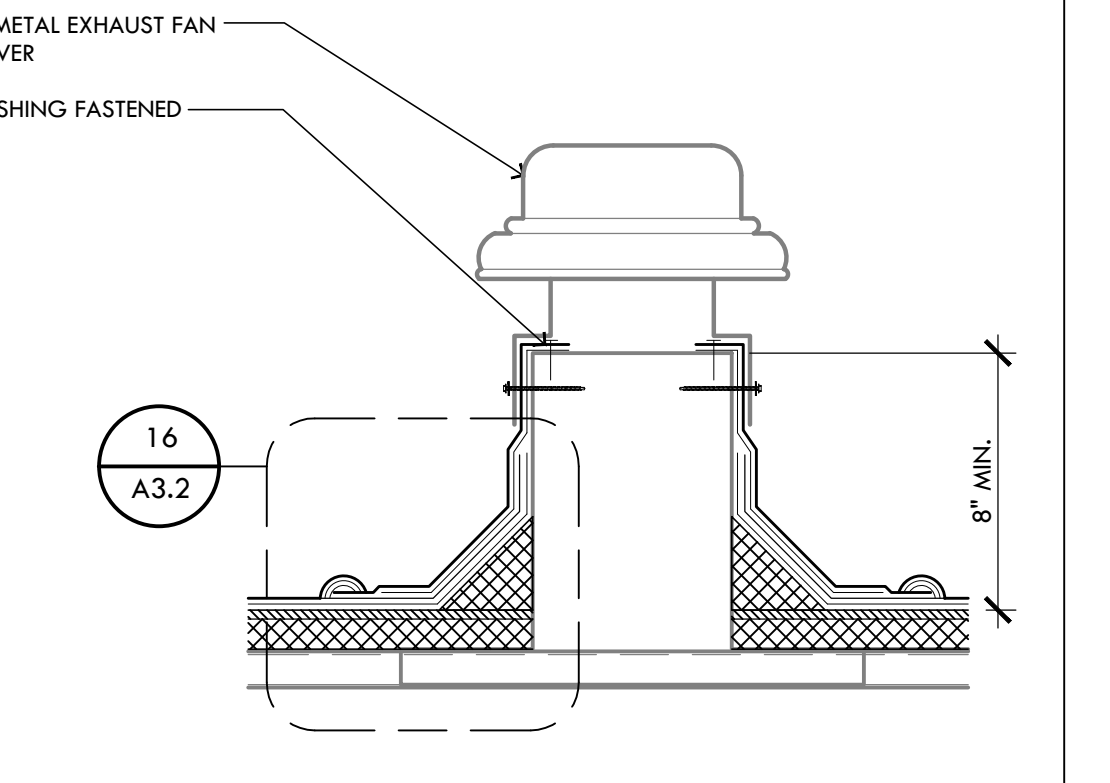
10 Roof Hatch
Scale: 1-1/2" = 1'-0" 0 8" 2'



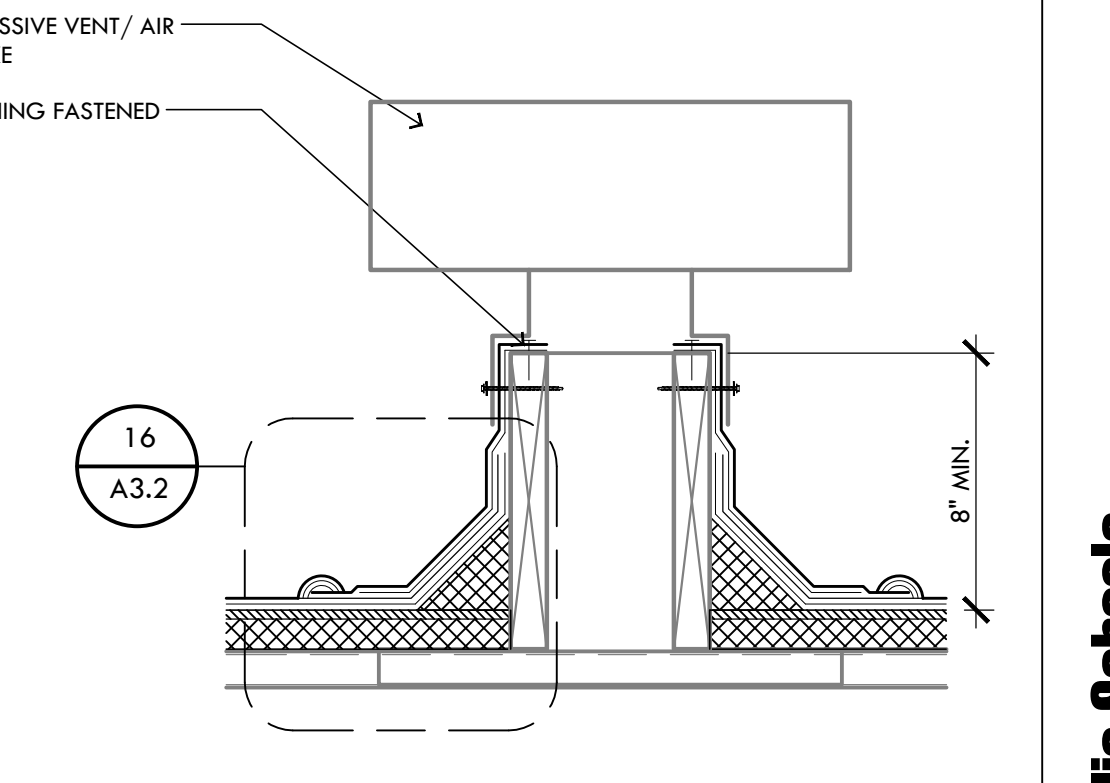
9 Ductwork
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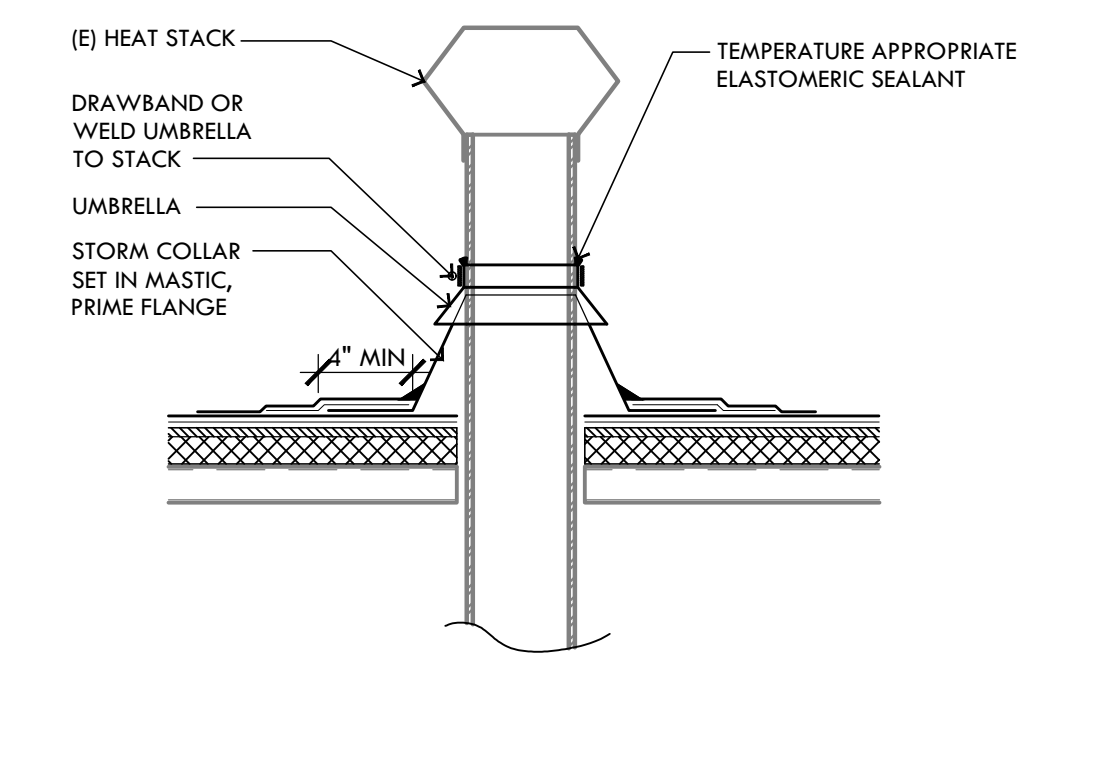
8 Plumbing Stack
Scale: 1-1/2" = 1'-0" 0 8" 2'



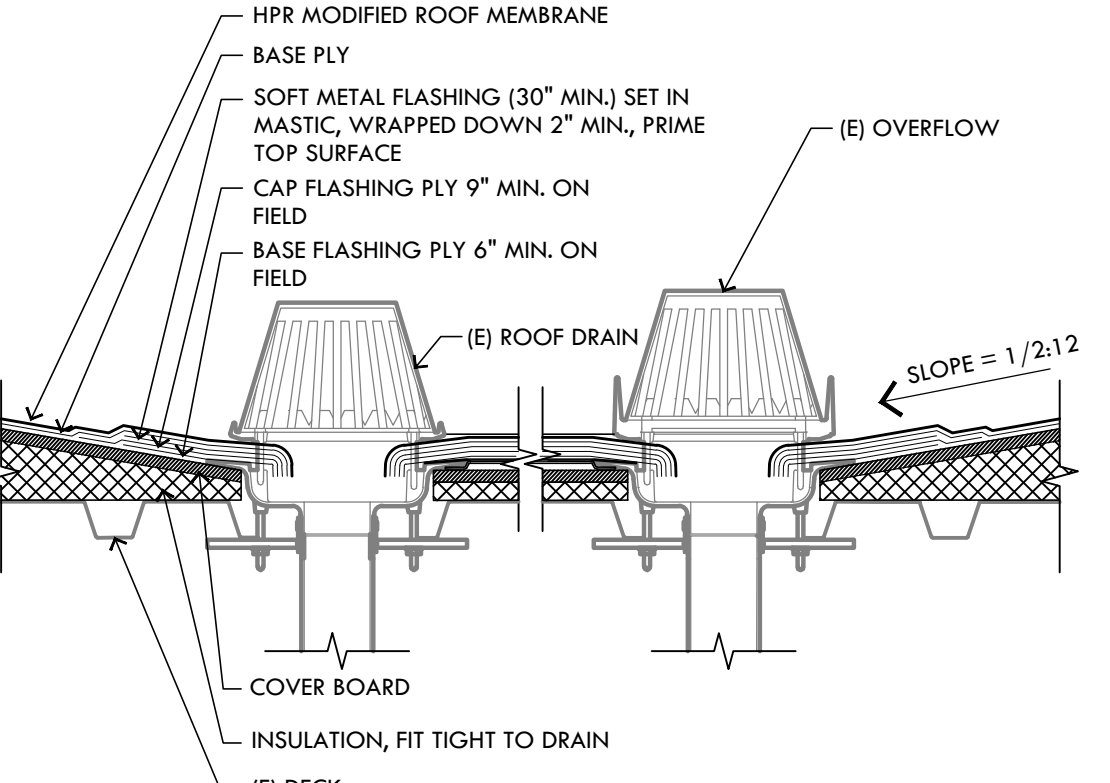
7 Exhaust Detail
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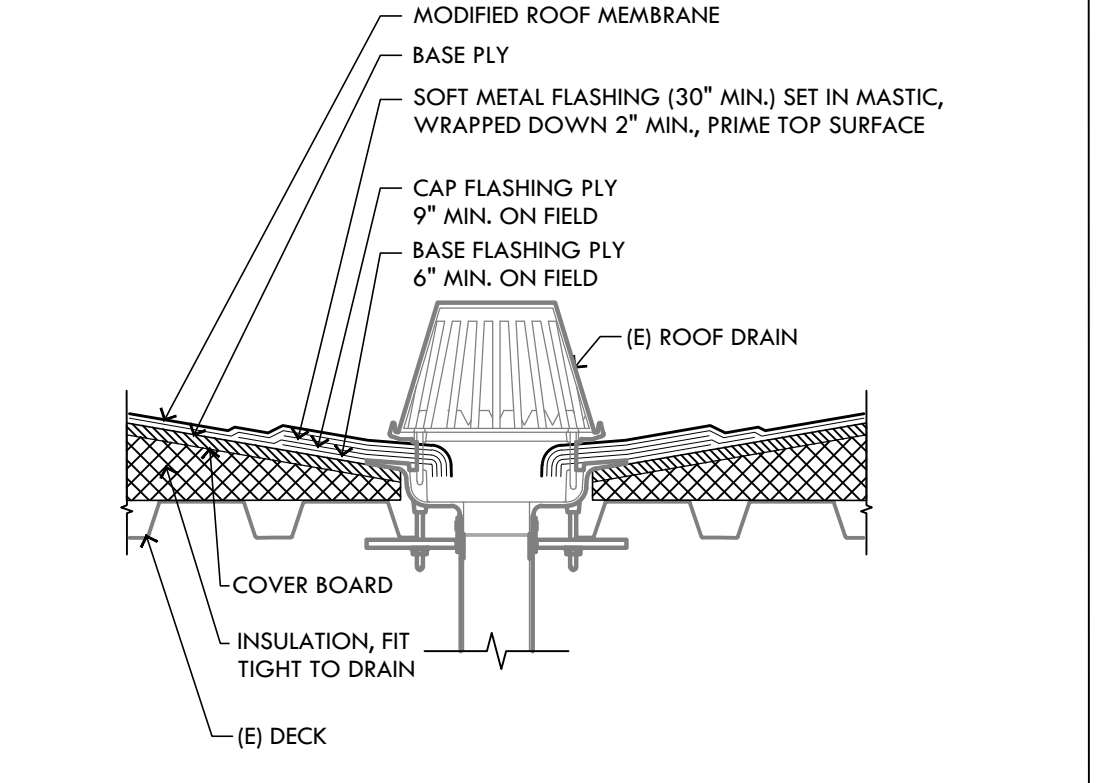
6 Passive Vent/Air Intake
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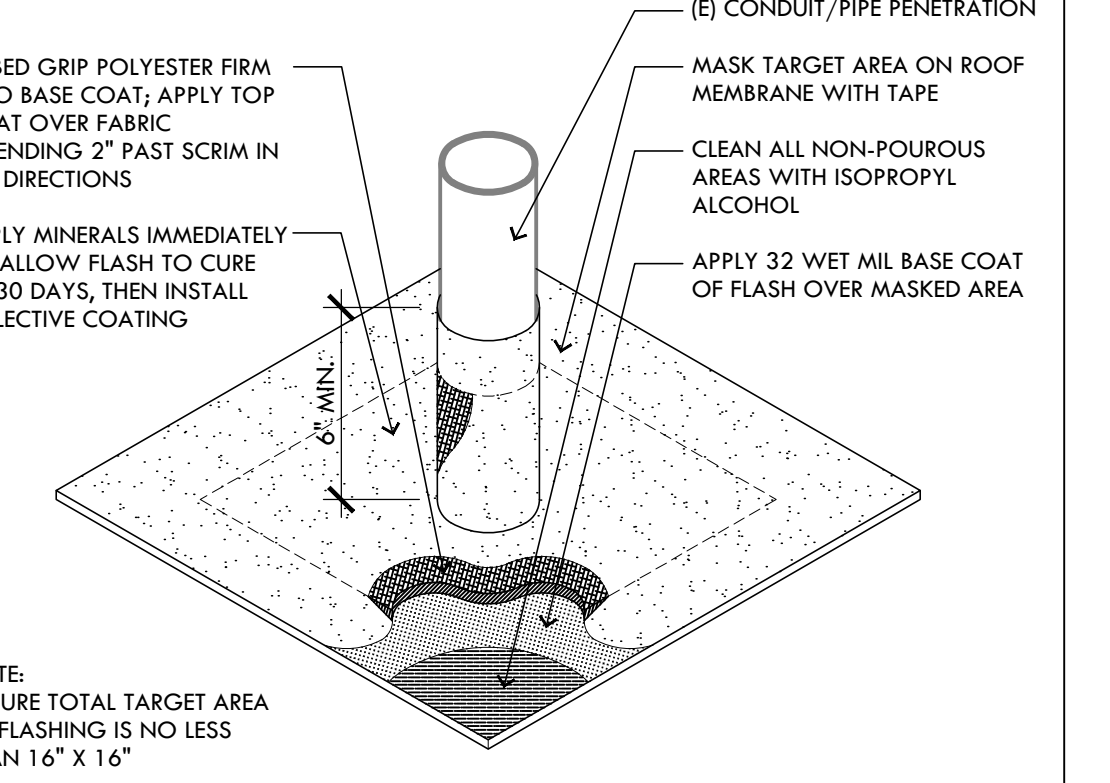
15 Heat Stack
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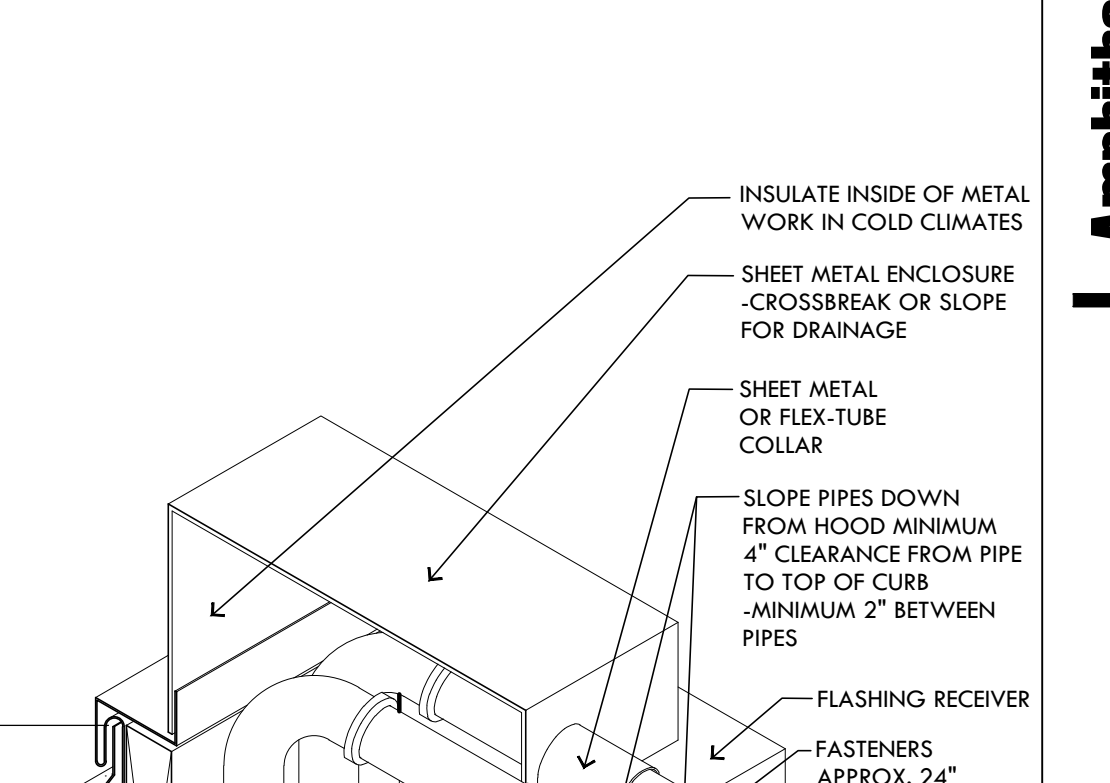
14 Roof Drain/Overflow
Scale: 1-1/2" = 1'-0" 0 8" 2'



13 Roof Drain
Scale: 1-1/2" = 1'-0" 0 8" 2'



12 Pipe Penetration
Scale: 1-1/2" = 1'-0" 0 8" 2'



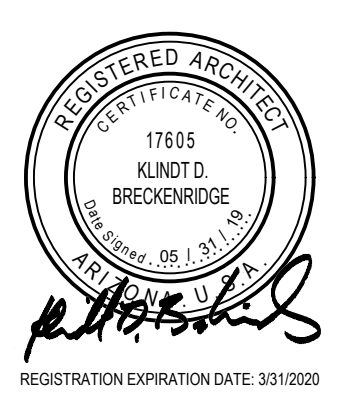
11 Hood
Scale: 1-1/2" = 1'-0" 0 8" 2'



16 Cant Detail
Scale: 1-1/2" = 1'-0" 0 8" 2'

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**Amphitheater Public Schools
Canyon del Oro High School
Roof Replacement - Phase 1**



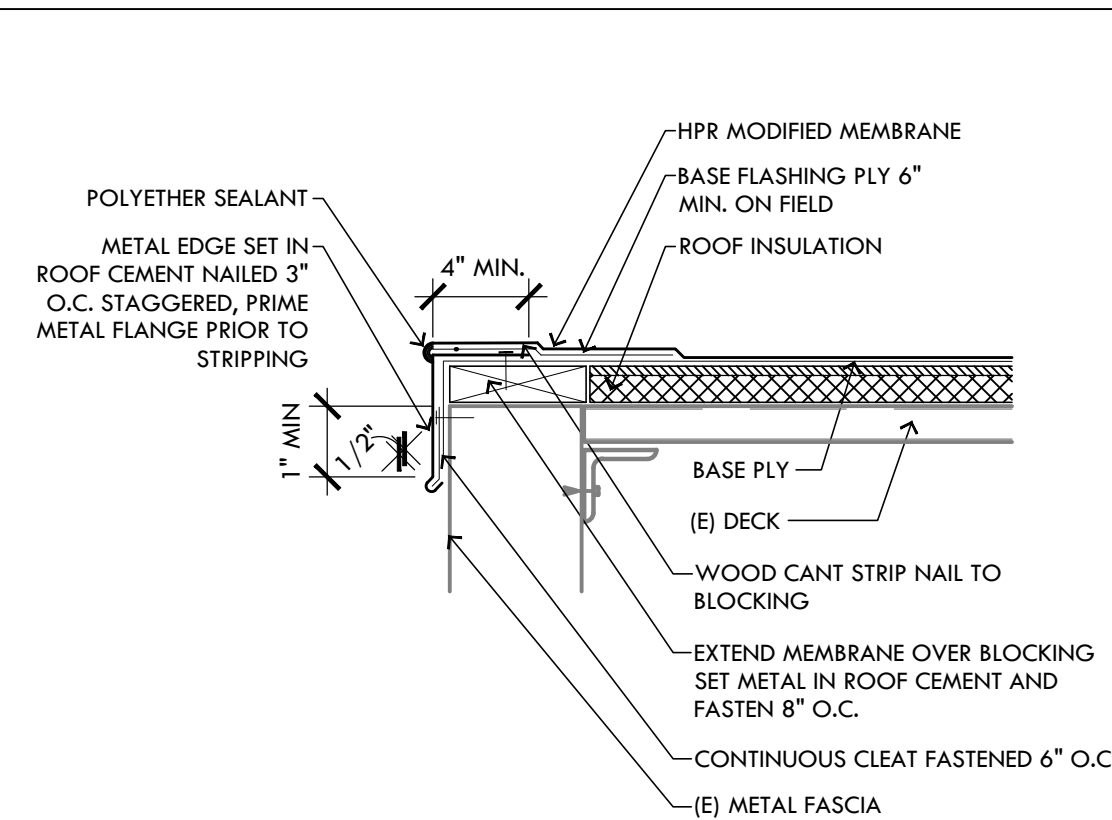
PROJECT NO: 17.14.12
DATE: MAY 2019

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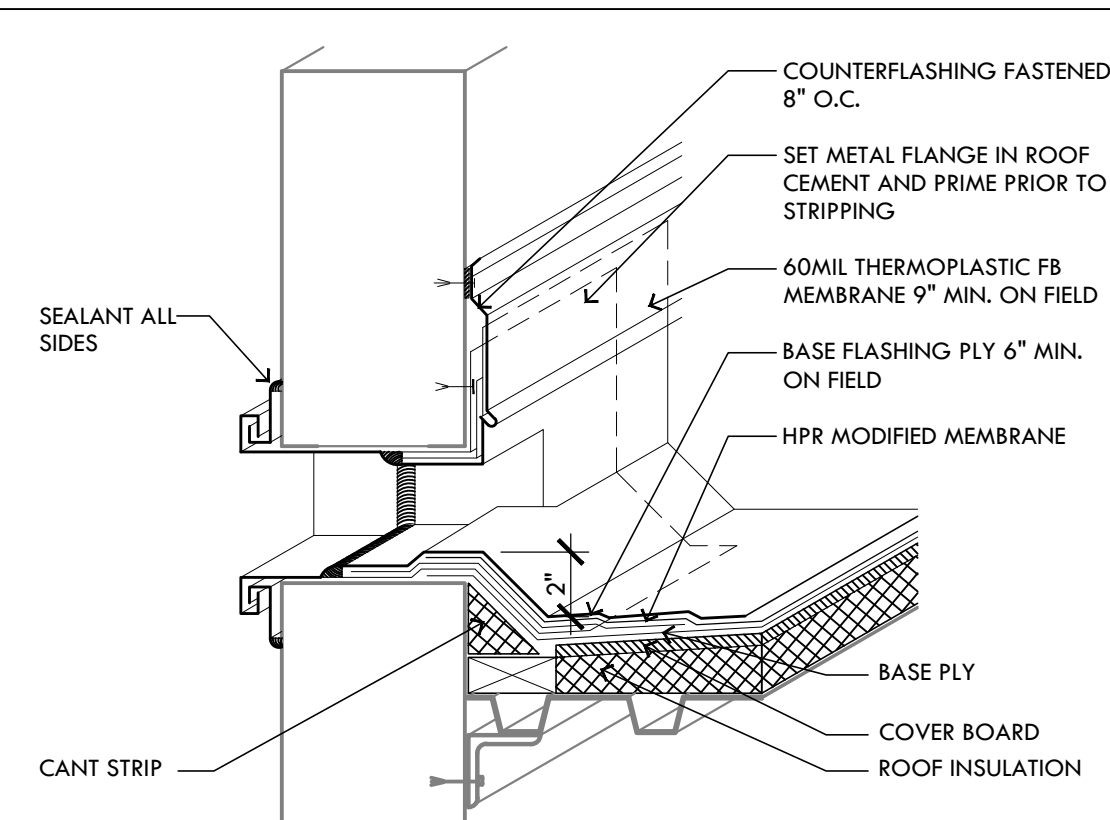
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Roof Details
A3.2



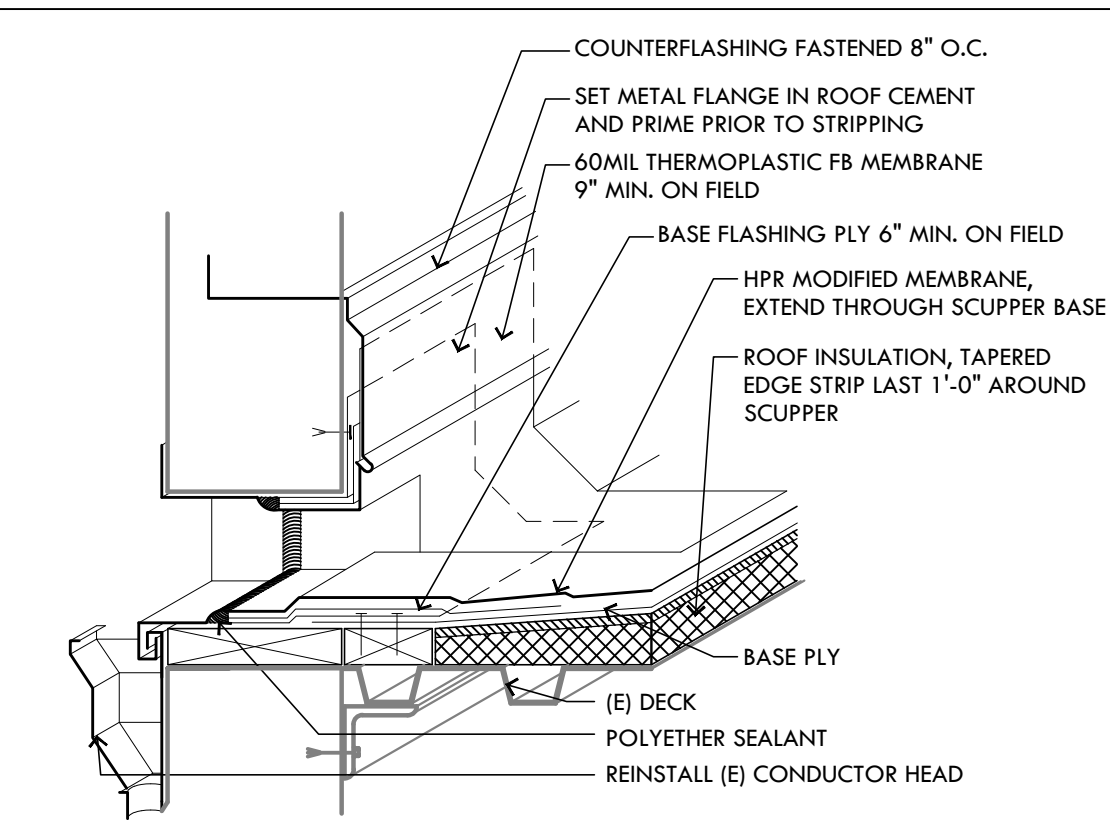
Metal Roof Edge

5 Scale : 1-1/2" = 1'-0" 0 8" 2'



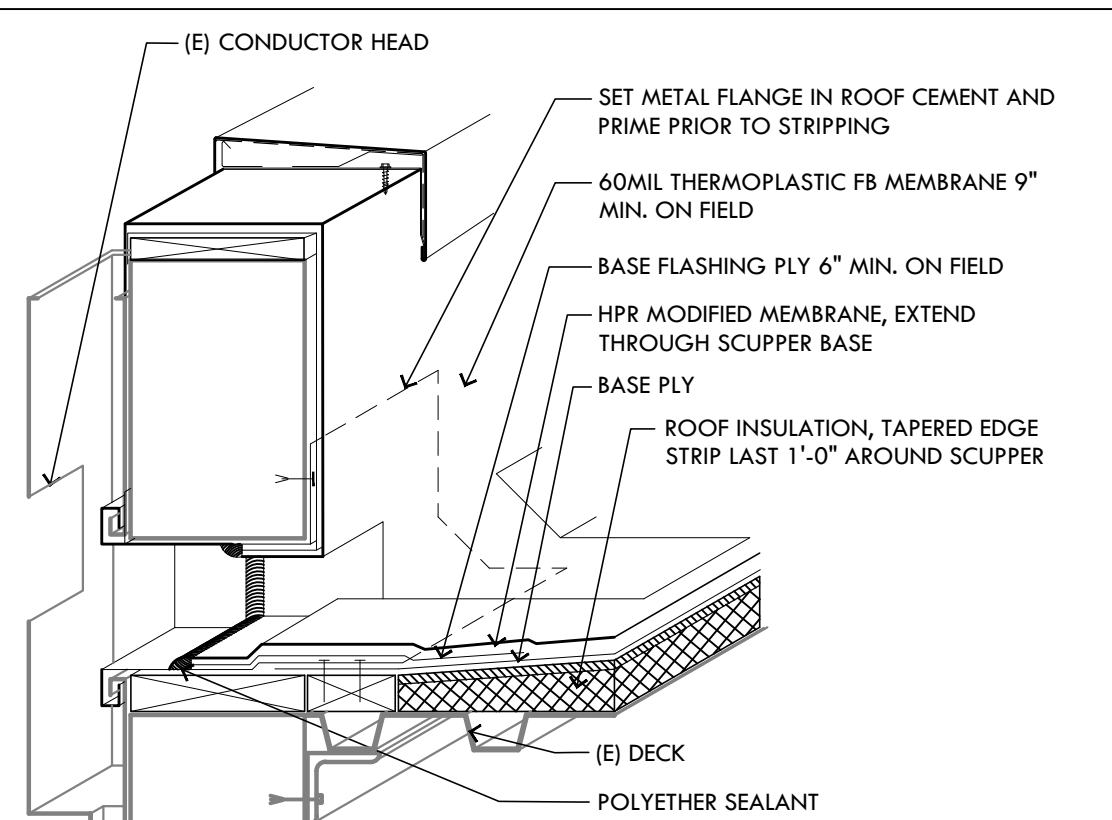
Scupper Overflow

4 Scale : 1-1/2" = 1'-0" 0 8" 2'



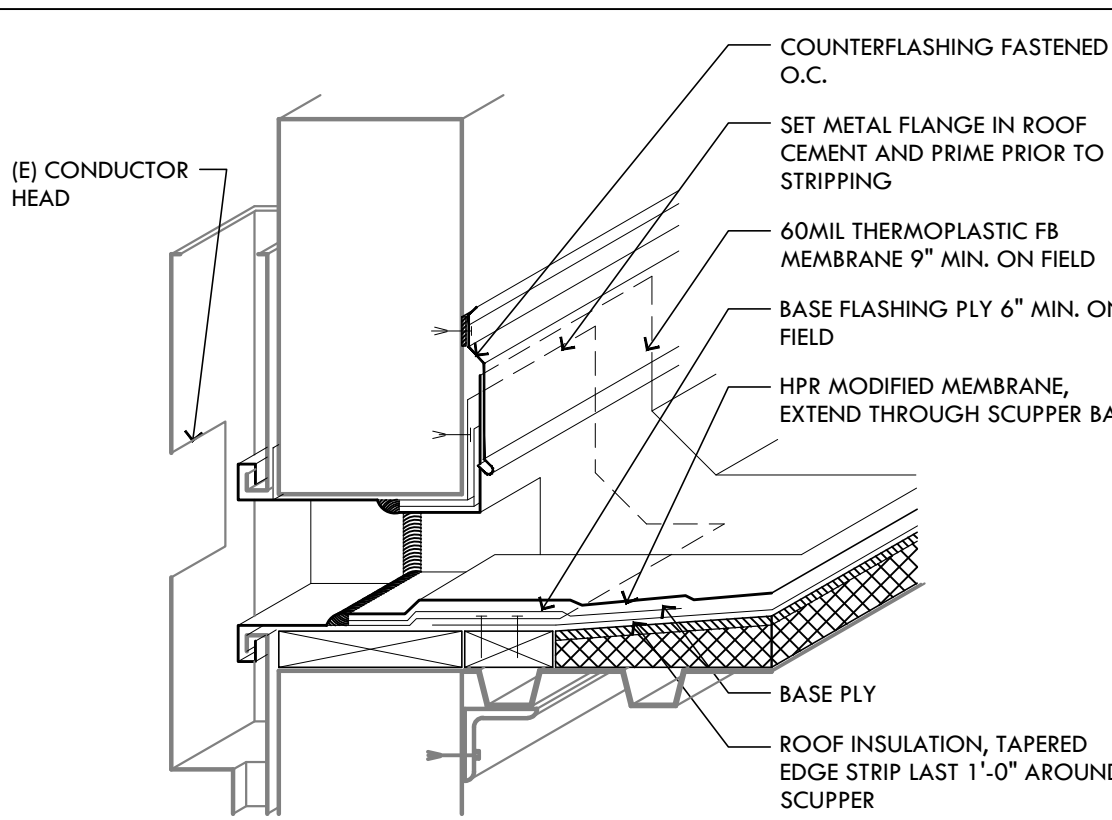
Scupper Through Wall

3 Scale : 1-1/2" = 1'-0" 0 8" 2'



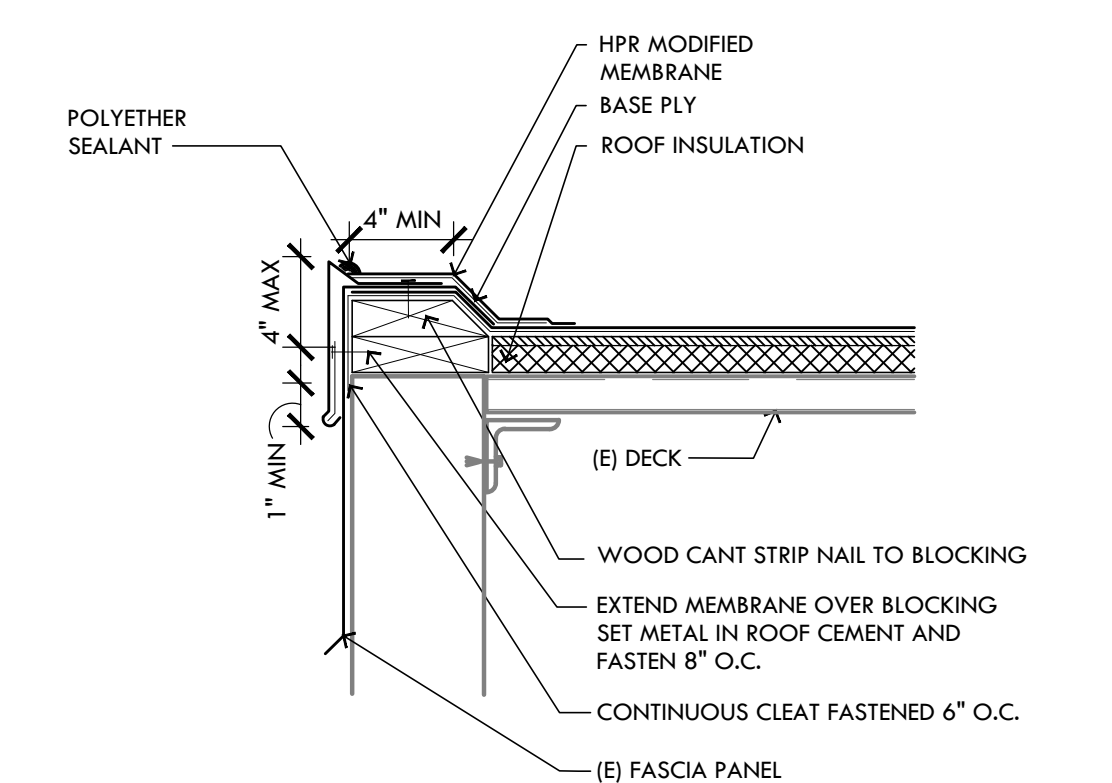
Scupper Through Wall

2 Scale : 1-1/2" = 1'-0" 0 8" 2'



Scupper Through Wall

1 Scale : 1-1/2" = 1'-0" 0 8" 2'



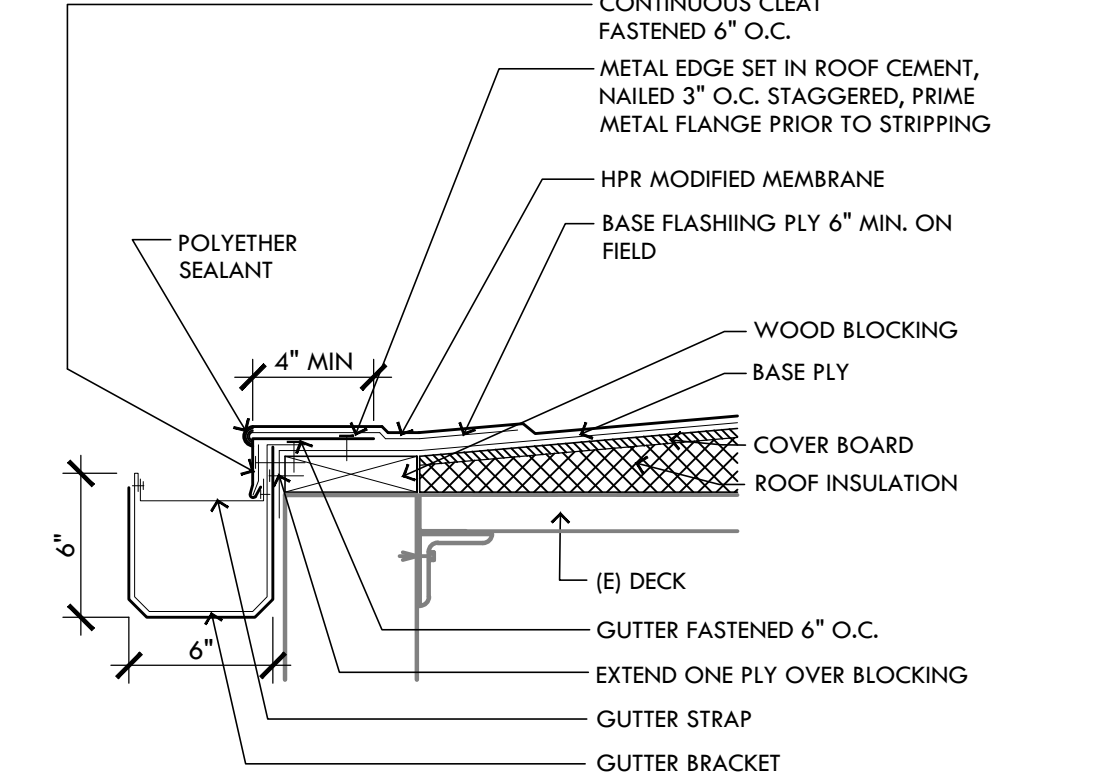
Raised Metal Edge

10 Scale : 1-1/2" = 1'-0" 0 8" 2'



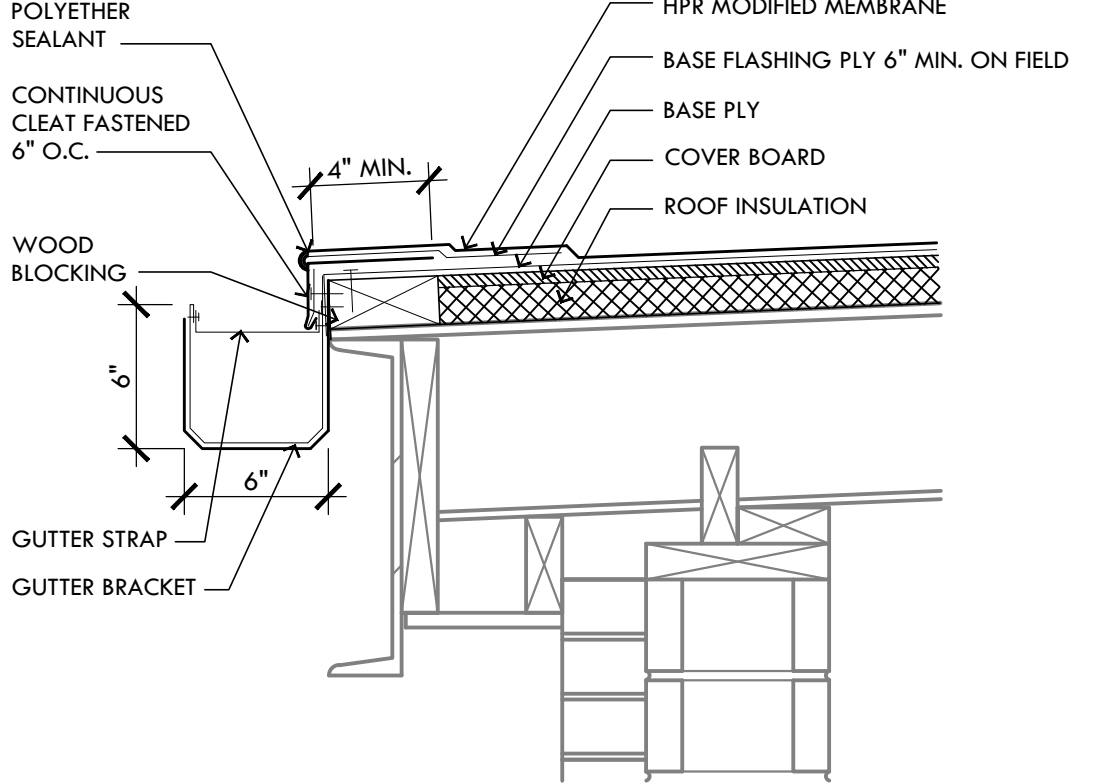
Not Used

9 Scale : 1-1/2" = 1'-0" 0 8" 2'



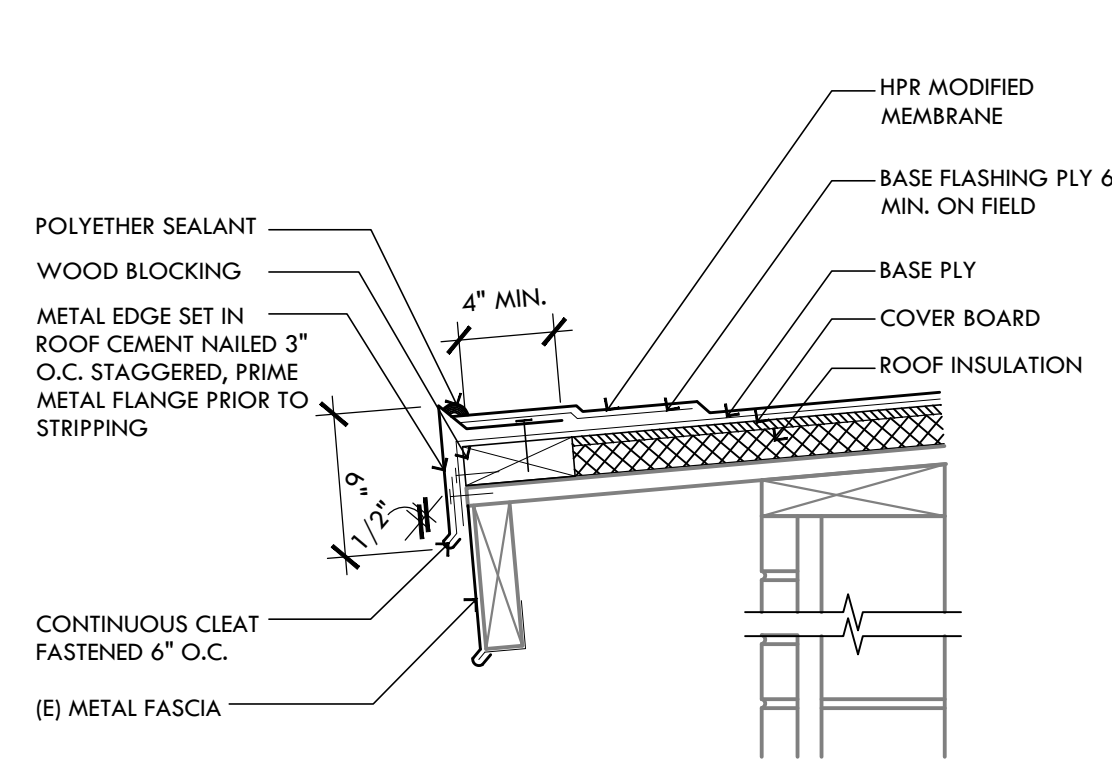
Roof Edge W/ Gutter

8 Scale : 1-1/2" = 1'-0" 0 8" 2'



Roof Edge W/ Gutter

7 Scale : 1-1/2" = 1'-0" 0 8" 2'



Metal Roof Edge

6 Scale : 1-1/2" = 1'-0" 0 8" 2'

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Amphitheater Public Schools
Canyon del Oro High School
Roof Replacement - Phase 1



PROJECT NO:
17.14.12

DATE:
MAY 2019

| REVISION | SCHEDULE | DATE | DESCRIPTION | ISSUED TO |
|----------|----------|------|-------------|-----------|
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DRAWN BY: QS
CHECKED BY: KDB

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Roof Details

A3.3

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