ITB# 025-077-01

ALAMEDA UNIFIED SCHOOL DISTICT

INDUSTRIAL ARTS BUILDING ROOF REPAIRS

JANUARY 2025

PROJECT LOCATIONS

ALAMEDA HIGH SCHOOL
2200 CENTRAL AVE
ALAMEDA CA 94501

SCOPE OF WORK

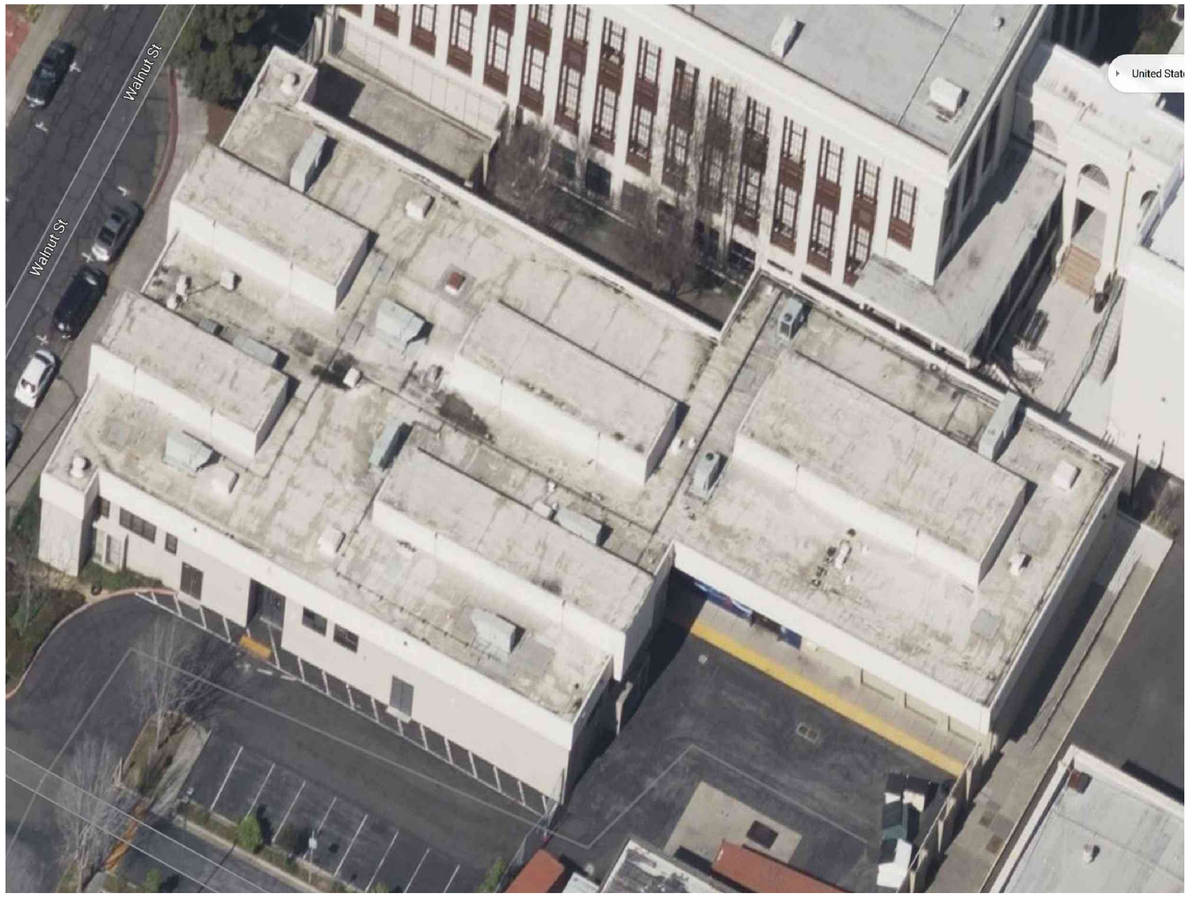
THIS PROJECT INCLUDES ROOF REPLACEMENTS FOR THE ALAMEDA HIGH INDUSTRIAL ARTS BUILDGING AND ALL RELATED WORK REQUIRED.

OWNER

ALAMEDA UNIFIED SCHOOL DISTRICT
2060 CHALLENGER DRIVE
ALAMEDA, CA 94501
CONTACT: BRIAN D. ADDICOTT
PHONE: 510-337-7000
EMAIL: BADDICOTT@ALAMEDAUNIFIED.ORG

OWNER FURNISHED MATERIALS SUPPLIER

THE GARLAND COMPANY
PHONE: 925-784-6701
CONTACT: DOUG CLARK
EMAIL: DCLARK@GARLANDIND.COM



SHEET INDEX

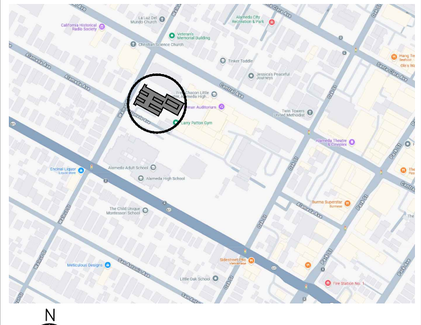
GENERAL

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ARCHITECTUAL

A1 SCOPE & TYPICAL DETAILS
A2 ROOF PLAN
A3 DETAILS
A4 DETAILS
A5 DETAILS

LOCATION MAP



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ALAMEDA UNIFIED SCHOOL DISTRICT

ALAMEDA HIGH SCHOOL

2200 Central Ave
Alameda, CA 94501

SHEET TITLE

TITLE SHEET

SHEET NUMBER

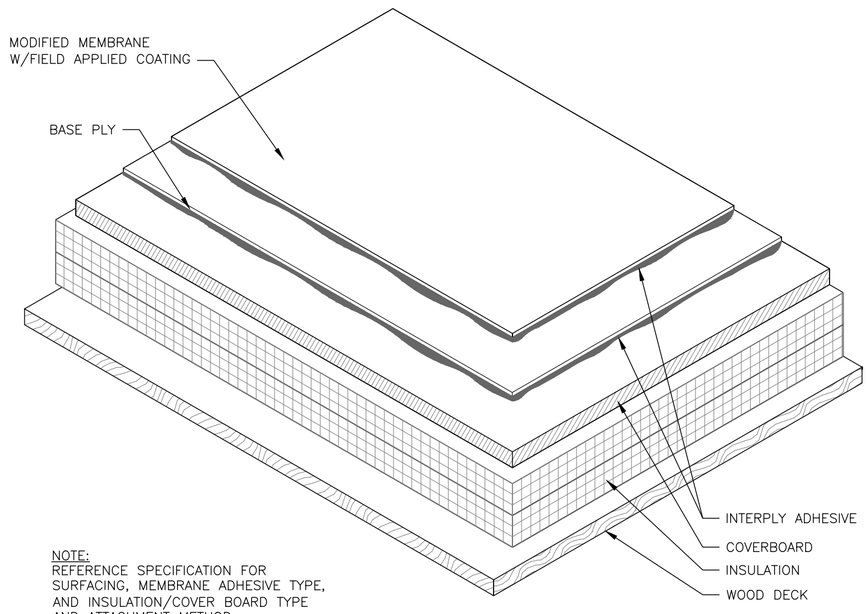
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SCOPE OF WORK:

REPLACEMENT OF LOW SLOPE ROOFING

1. REMOVE AND DISPOSE OF ALL ROOFING, COUNTER FLASHING, COPING, EDGE METAL AND ASSOCIATED MATERIALS.
2. INSTALL R10 POLYISO AND 1/2" DENSDECK PRIME OR SECUROCK PER MANUFACTURERS WIND UPLIFT CALCULATIONS.
    a. INSTALL CRICKETS BETWEEN ALL PARAPET WALL DRAINS PROVIDING POSITIVE SLOPE THROUGHOUT.
    b. INSTALL TAPERED INSULATION BETWEEN INTERIOR DRAINS PROVIDING POSITIVE SLOPE THROUGHOUT.
        1. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF TAPER PLAN FOR APPROVAL BY DISTRICT.
3. INSTALL 2 PLY MODIFIED BITUMEN SYSTEM IN COLD APPLIED ASPHALT.
4. APPLY TITLE 24 REFLECTIVE COATING IN 2 COATS. (1.5+1.5 GAL PER SQUARE).
5. INSTALL R-MER EDGE COPING METAL IN 0.040 ALUMINUM AT PARAPET WALLS AND 0.040 ALUMINUM R-MER DRIP EDGE AT MONITOR ROOF SECTIONS.
    a. INSTALL NAILERS AS NEEDED TO PROVIDE A MINIMUM 6" CLEARANCE AT BASE FLASHINGS.
6. CLEAN OFF ALL MASTIC/ASPHALT AND PAINT ALL CONDUIT PIPES, VENTS, AND HOODS WITH PYRAMIC TO ENSURE A CLEAN FINAL PROJECT. ALL CONDUIT TO BE SEALED AND REATTACHED WITH PROPER COUPLINGS. LINES SHOULD BE STRAIGHT AND AS TIDY AS POSSIBLE. ANY COUPLINGS THAT CANNOT BE PROPERLY SEALED SHOULD BE BROUGHT TO DISTRICT ATTENTION.
7. ALL DRAINS TO RECEIVE NEW STRAINERS.
8. AT END OF EVERY WORK DAY ENSURE THE WORK SITE AND SURROUNDING AREA IS FREE OF ANY DIRT AND DEBRIS.
9. TEST ALL DRAINS AND DOWNSPOUT PRIOR TO CONSTRUCTION AND ONCE AGAIN AFTER COMPLETION.
10. INSTALL NEW BILCO ROOF HATCH.
11. ALL SUPPORT BLOCKS FOR CONDUITS AND GAS LINES TO RECEIVE NEW DURA-BLOCK SUPPORTS AND COUPLINGS.
12. PROVIDE DISTRICT WITH 30 YEAR NDL WARRANTY FROM MANUFACTURER AND 4 YEAR CONTRACTOR WORKMANSHIP WARRANTY.



NOTE:
REFERENCE SPECIFICATION FOR SURFACING, MEMBRANE ADHESIVE TYPE, AND INSULATION/COVER BOARD TYPE AND ATTACHMENT METHOD.

A/2 TYPICAL ROOF SYSTEM COATED SURFACE
SCALE: 3" = 1'-0"

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since 1895

ALAMEDA HIGH SCHOOL - BLDG A
Alameda Unified School District
2200 CENTRAL AVE., ALAMEDA, CA 94501

AGENT: DOUG CLARK | DWG BY: GCK | CHK BY: DC | DATE: 12-9-24

REVISION:

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ALAMEDA UNIFIED SCHOOL DISTRICT

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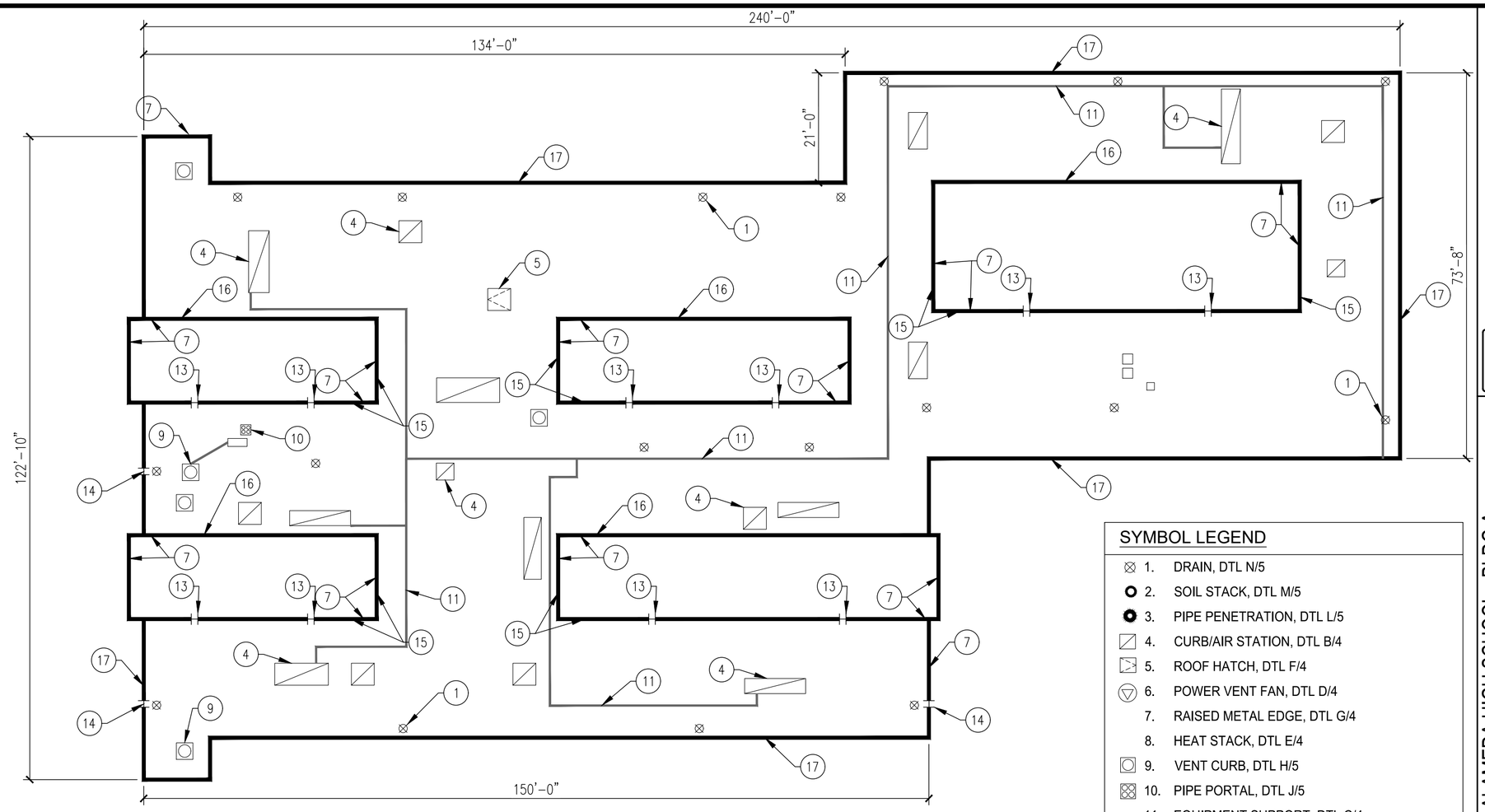
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SCOPE & TYPICAL DETAILS

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ROOF PLAN

SCALE: 1" = 20'

SYMBOL LEGEND

1. DRAIN, DTL N/5
2. SOIL STACK, DTL M/5
3. PIPE PENETRATION, DTL L/5
4. CURB/AIR STATION, DTL B/4
5. ROOF HATCH, DTL F/4
6. POWER VENT FAN, DTL D/4
7. RAISED METAL EDGE, DTL G/4
8. HEAT STACK, DTL E/4
9. VENT CURB, DTL H/5
10. PIPE PORTAL, DTL J/5
11. EQUIPMENT SUPPORT, DTL C/4
12. SCUPPER, DTL P/6
13. SCUPPER - OVERFLOW, DTL Q/6
14. SCUPPER THROUGH ROOF EDGE, DTL T/6
15. WALL FLASHING, DTL S/6
16. WINDOW SILL FLASHING, DTL K/5
17. COPING CAP, DTL Q/6

NOTE:
CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS, CONDITIONS AND QUANTITIES.

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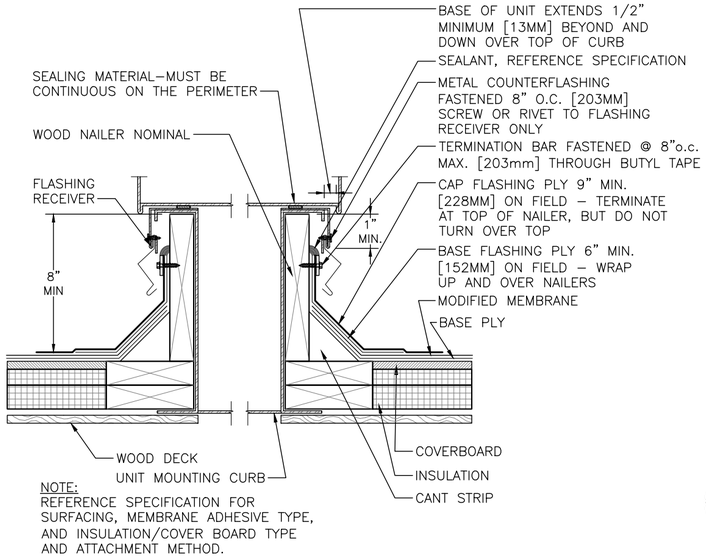
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ROOF PLAN

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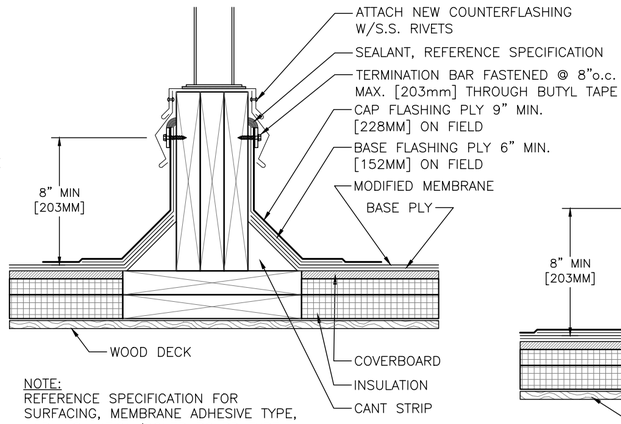
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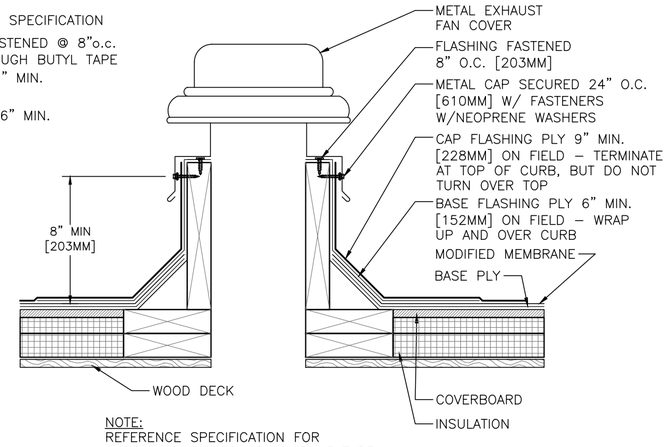
NOTE:
REFERENCE SPECIFICATION FOR SURFACING, MEMBRANE ADHESIVE TYPE, AND INSULATION/COVER BOARD TYPE AND ATTACHMENT METHOD.

B/4 CURB DETAIL / AIR HANDLING STATION
SCALE: 1½" = 1'-0"



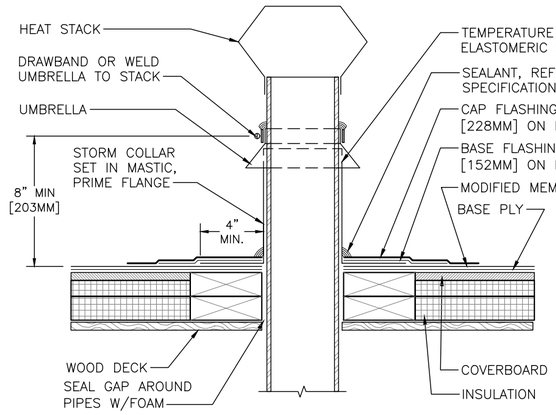
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C/4 EQUIPMENT SUPPORT - EXISTING
SCALE: 1½" = 1'-0"



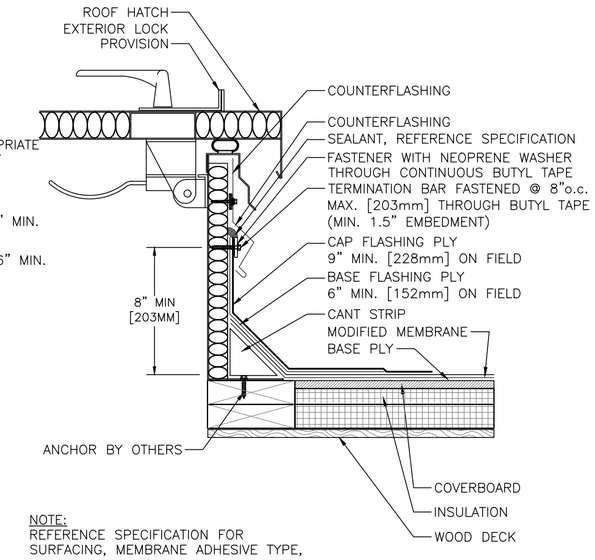
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D/4 EXHAUST FAN
SCALE: 1½" = 1'-0"



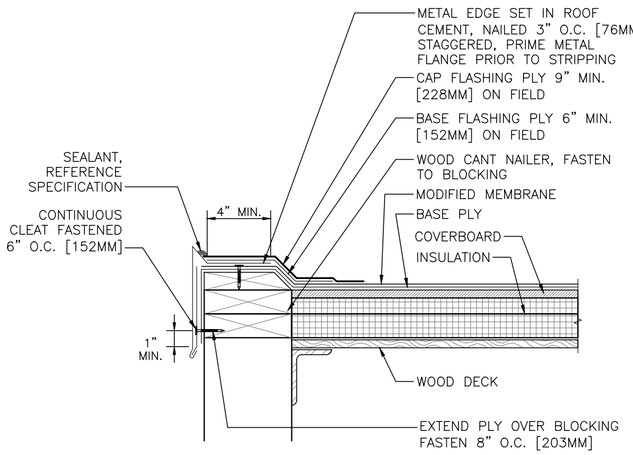
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E/4 HEAT STACK
SCALE: 1½" = 1'-0"



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F/4 HATCH DETAIL
SCALE: 1½" = 1'-0"



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G/4 METAL EDGE - RAISED
SCALE: 1½" = 1'-0"

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ALAMEDA UNIFIED SCHOOL DISTRICT

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ALAMEDA HIGH SCHOOL

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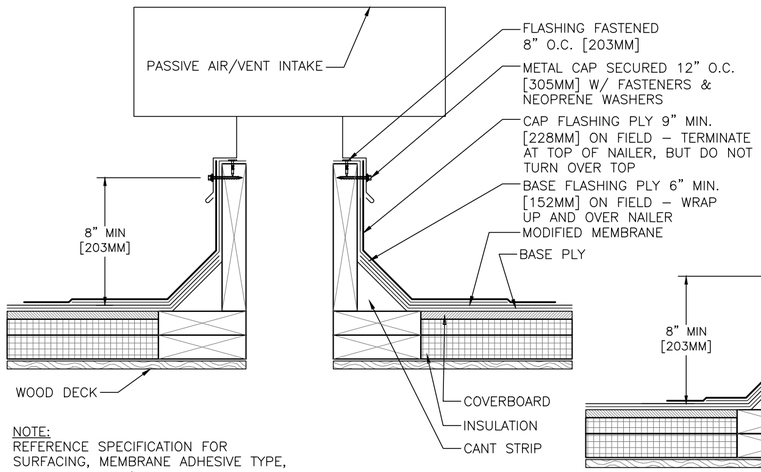
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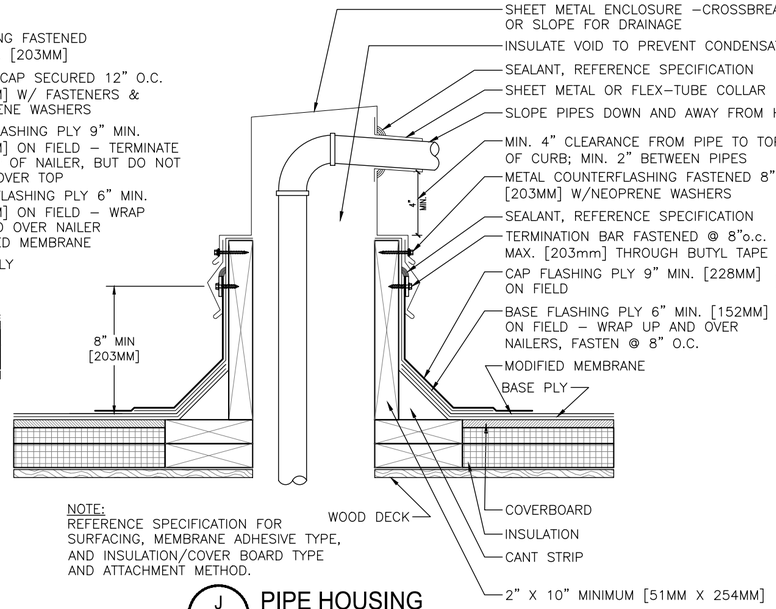
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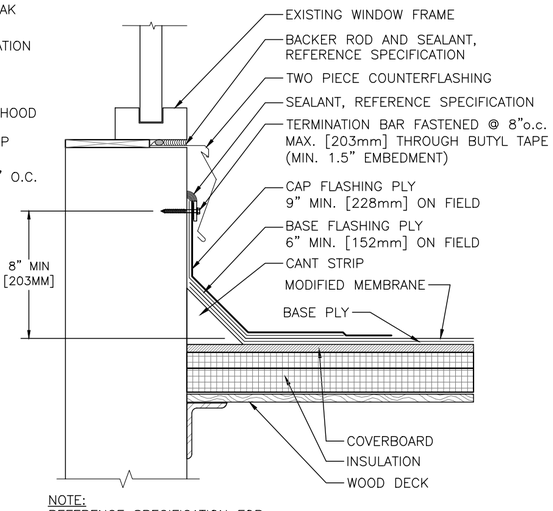
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H/5 PASSIVE AIR / VENT INTAKE
SCALE: 1½" = 1'-0"



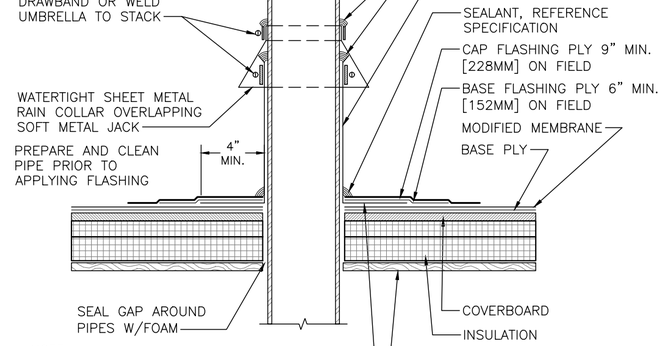
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J/5 PIPE HOUSING
SCALE: 1½" = 1'-0"



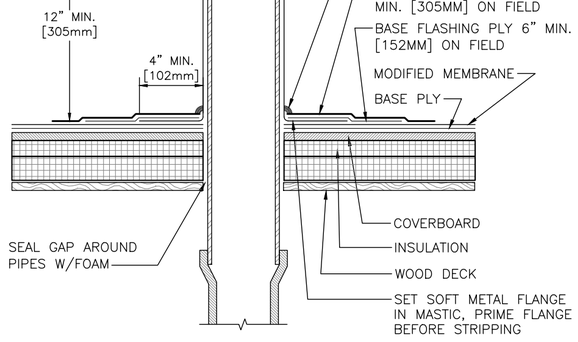
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K/5 WINDOW SILL FLASHING
SCALE: 1½" = 1'-0"



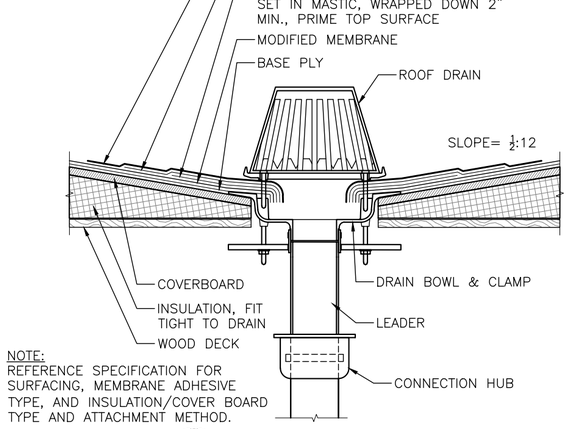
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L/5 PIPE/TUBE PENETRATION - SPLIT JACK w/COLLAR
SCALE: 1½" = 1'-0"



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M/5 PLUMBING STACK
SCALE: 1½" = 1'-0"



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N/5 ROOF DRAIN
SCALE: 1½" = 1'-0"

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ALAMEDA UNIFIED SCHOOL DISTRICT

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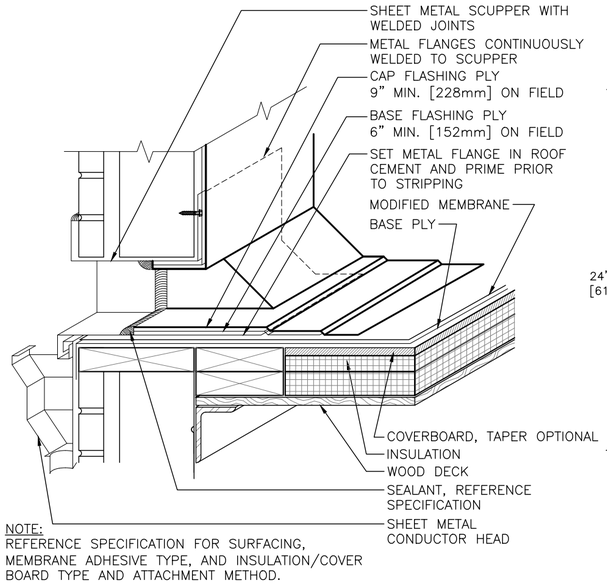
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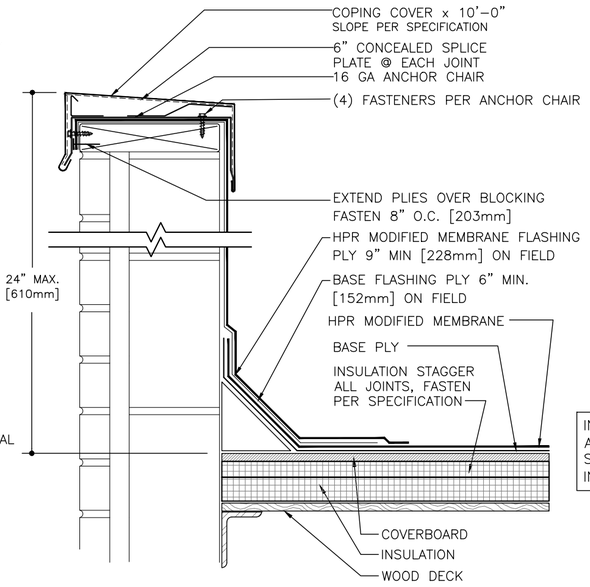
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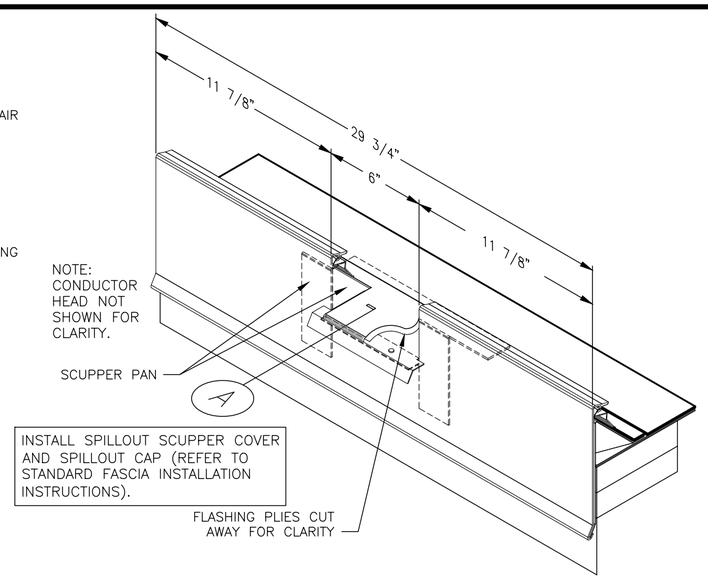


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P/6 SCUPPER THROUGHWALL
SCALE: 1½" = 1'-0"



Q/6 COPING CAP AT CEMENT PLASTER WALL
SCALE: 1½" = 1'-0"

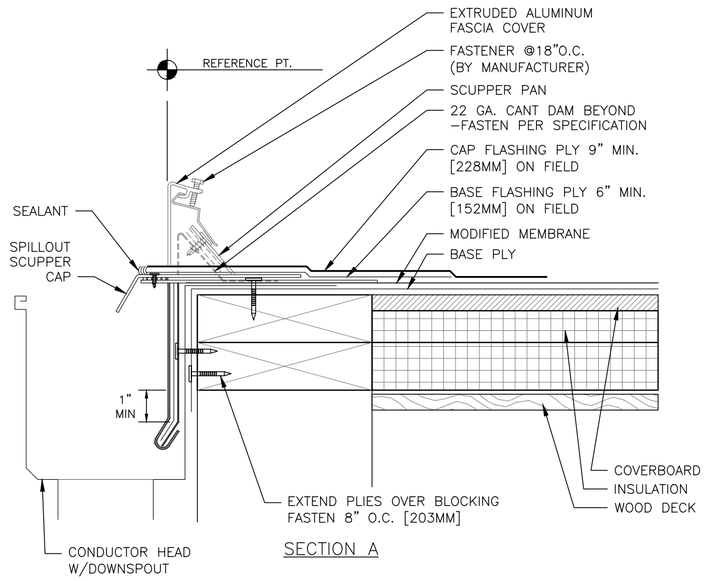


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R/6 SCUPPER THROUGHWALL - OVERFLOW
SCALE: 1½" = 1'-0"

NOTE:
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S/6 WALL FLASHING AT EXISTING CEMENT PLASTER WALL
SCALE: 1½" = 1'-0"



SECTION A

NOTE:
REFERENCE SPECIFICATION FOR SURFACING, MEMBRANE ADHESIVE TYPE, AND INSULATION/COVER BOARD TYPE AND ATTACHMENT METHOD.

T/6 SCUPPER THROUGH ROOF EDGE EXTRUDED
SCALE: 3" = 1'-0"

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SHEET TITLE

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