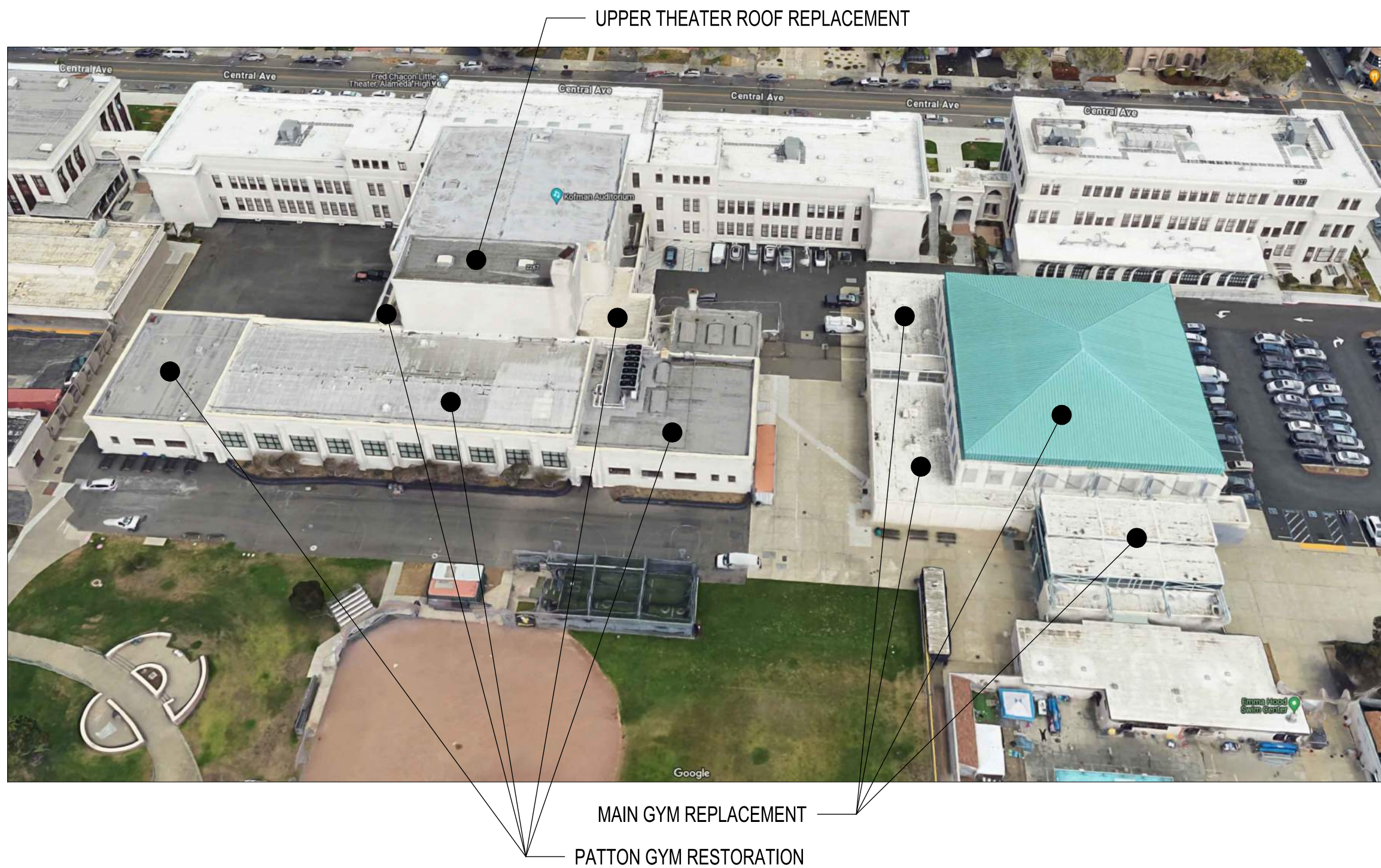


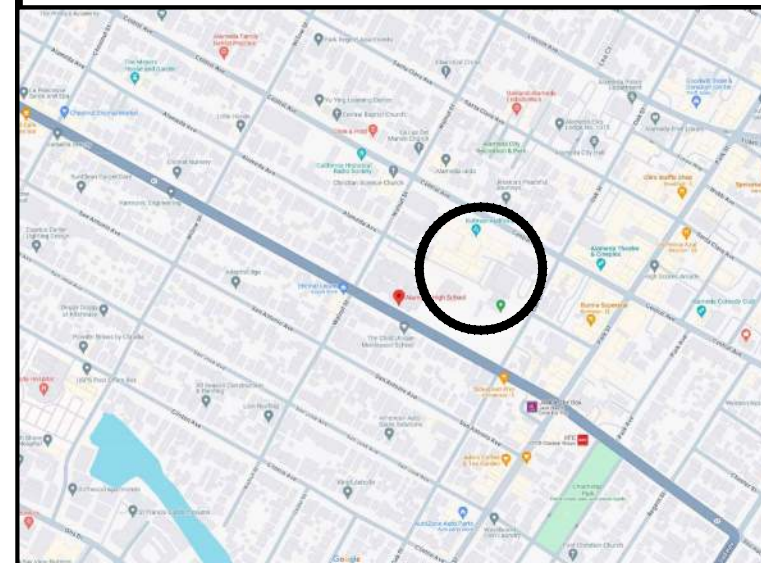
Alameda USD

ALAMEDA HIGH SCHOOL

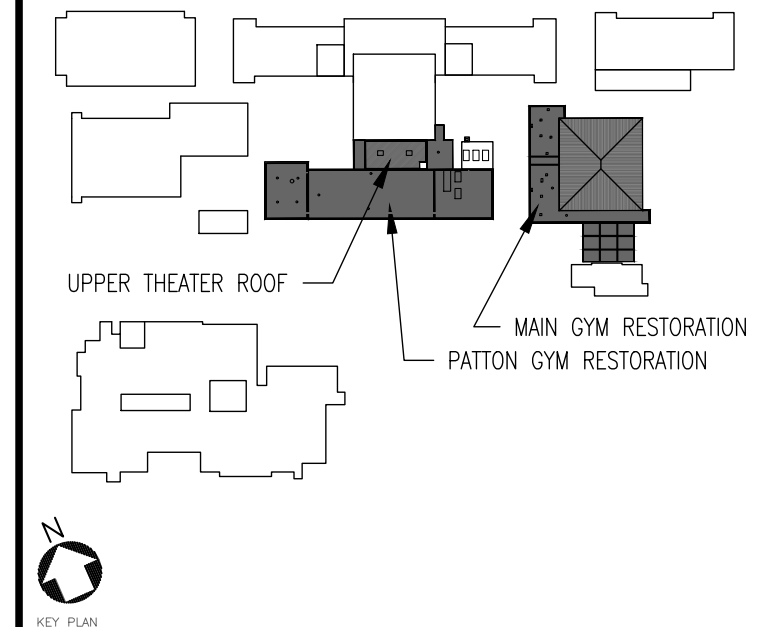
2200 CENTRAL AVE, ALAMEDA, CA 94501



LOCATION MAP



KEY PLAN



DRAWING INDEX

- SHT 1 - COVER SHEET
- SHT 2 - ROOF PLAN - UPPER THEATER ROOF
- SHT 3 - ROOF PLAN - PATTON GYM
- SHT 4 - ROOF PLAN - MAIN GYM
- SHT 5 - DETAILS
- SHT 6 - DETAILS
- SHT 7 - DETAILS
- SHT 8 - DETAILS
- SHT 9 - DETAILS
- SHT 10 - DETAILS
- SHT 11 - DETAILS
- SHT 12 - DETAILS
- SHT 13 - DETAILS
- SHT 14 - DETAILS

THE GARLAND COMPANY INC.
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 PHONE (800) 321-9336 / FAX (216) 641-0633



ALAMEDA HIGH SCHOOL
 2200 CENTRAL AVE, ALAMEDA, CA 94501

ARCHITECT: THE GARLAND COMPANY INC.
 CUSTOMER: ALAMEDA UNIFIED SCHOOL DISTRICT

DATE: 01-03-24

SHEET: 1 OF 14



**ALAMEDA
 UNIFIED
 SCHOOL
 DISTRICT**

**ALAMEDA HIGH
 ROOF REPAIRS**

SHEET TITLE

COVER SHEET

SHEET NUMBER

Sheet: 1

Page: 1 of 14

SCOPE OF WORK

THIS PROJECT INCLUDES DEMOLITION AND INSTALLATION OF VARIOUS ROOFING SYSTEMS AND ALL RELATED WORK REQUIRED PER THE SPECIFICATIONS AND DRAWINGS.

OWNER

ALAMEDA UNIFIED SCHOOL DISTRICT
 2060 CHALLENGER DRIVE
 ALAMEDA CA 94501
 PHONE: 510-337-7000
 CONTACT: BRIAN ADDICOTT
 EMAIL: baddicott@alamedaunified.org

OWNER FURNISHED MATERIAL SUPPLIER:

THE GARLAND COMPANY
 PHONE: 925-784-6701
 CONTACT: DOUG CLARK
 EMAIL: dclark@garlandind.com



**ALAMEDA
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SCHOOL
DISTRICT**

**ALAMEDA HIGH
ROOF REPAIRS**

THE GARLAND COMPANY INC.
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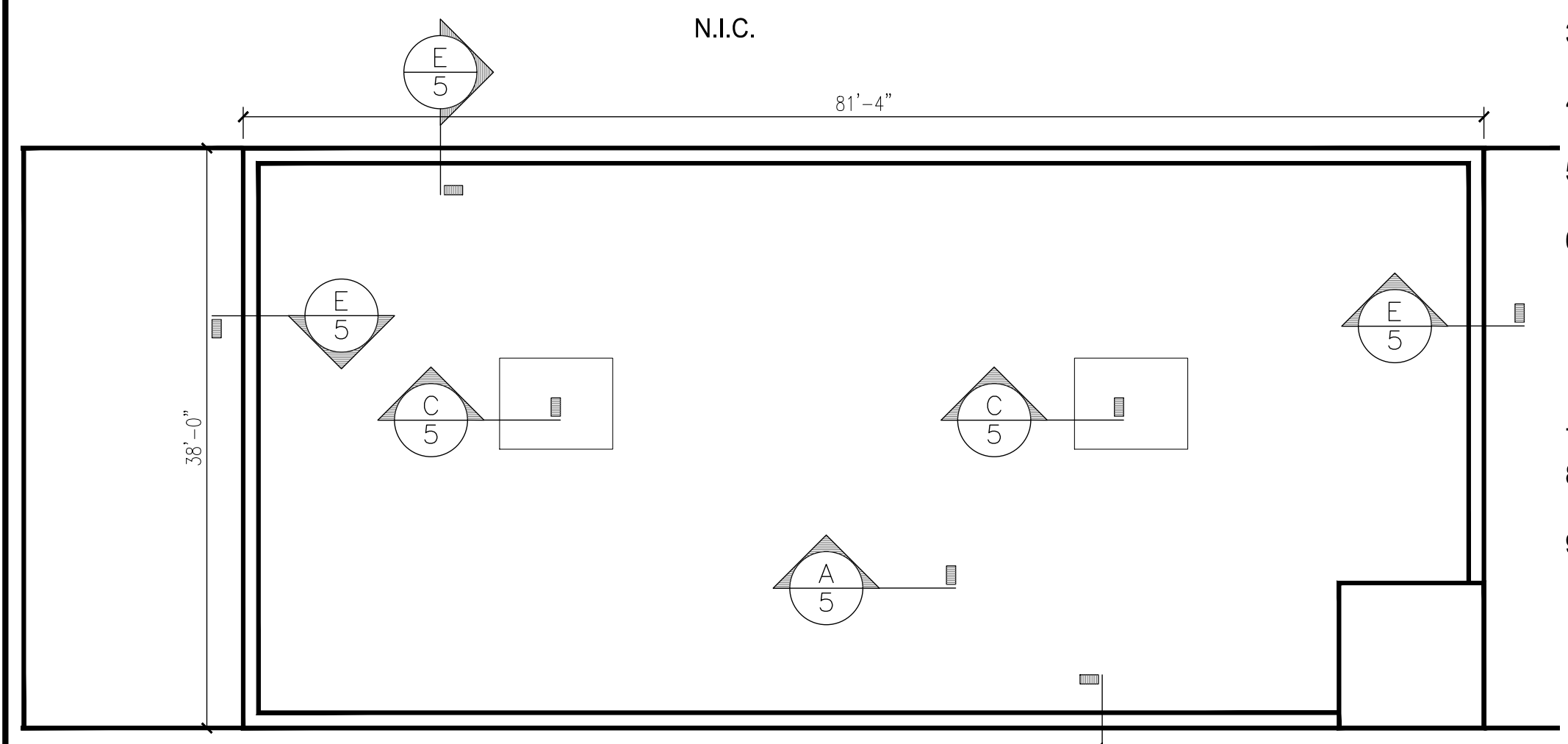


ALAMEDA HIGH SCHOOL 2200 CENTRAL AVE. ALAMEDA, CA 94601	AGENT:	JOB NUMBER:	DWG BY: GOK	CHK BY: AP
ARCHITECT:	CUSTOMER:	DATE: 01-30-24	SHEET: 2	OF 14

SCOPE OF WORK:

REPLACEMENT OF LOW SLOPE ROOFING

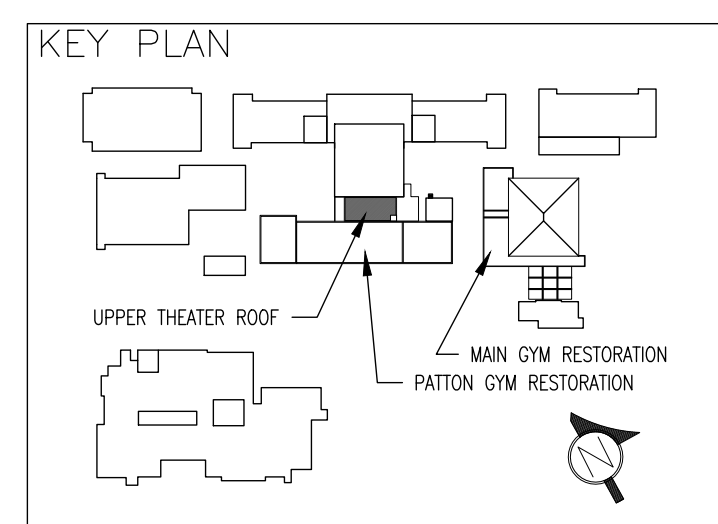
1. PREPARE ROOF AREAS FOR AN OVERLAY REPLACEMENT. REMOVE ALL BASE FLASHINGS, DETAIL FLASHINGS, AND ASSOCIATED MATERIALS PER MANUFACTURERS OVERLAY REQUIREMENTS.
2. ADHERE 1/2" WOOD FIBER BOARD PER MANUFACTURERS WIND UPLIFT CALCULATIONS.
3. INSTALL 2 PLY MODIFIED BITUMEN SYSTEM IN COLD APPLIED ASPHALT.
4. INSTALL NEW KYNAR COATED EDGE METAL AND COUNTERFLASHING USING 0.040 ALUMINUM FLATSTOCK.
5. APPLY TITLE 24 REFLECTIVE COATING IN 2 COATS. (1.5+1.5 GAL PER SQUARE).
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.



UPPER THEATER ROOF PLAN
SCALE: 1" = 10'

SYMBOL LEGEND

○	VENT OR SOIL STACK
□	MECHANICAL/CURB



NOTE:
DETAIL CALLOUTS ARE PROVIDED FOR GENERAL INDICATIONS. THERE MAY BE ADDITIONAL CONDITIONS NOT COVERED BY THE DETAILS ON SHEETS 2-4.
CONTRACTOR IS RESPONSIBLE TO IDENTIFY ALL DETAIL CONDITIONS AND WATERPROOF DETAILS PER GARLAND RECOMMENDATIONS.

SHEET TITLE

**ROOF PLAN
UPPER
THEATER ROOF**

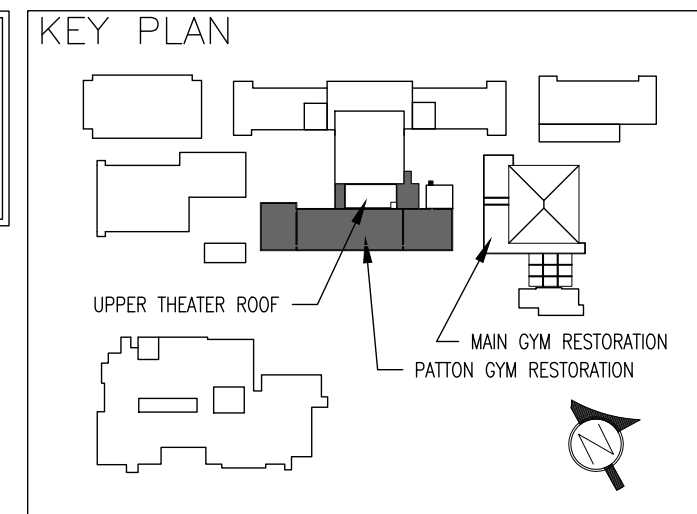
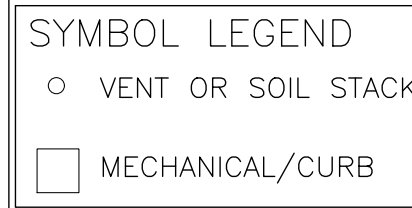
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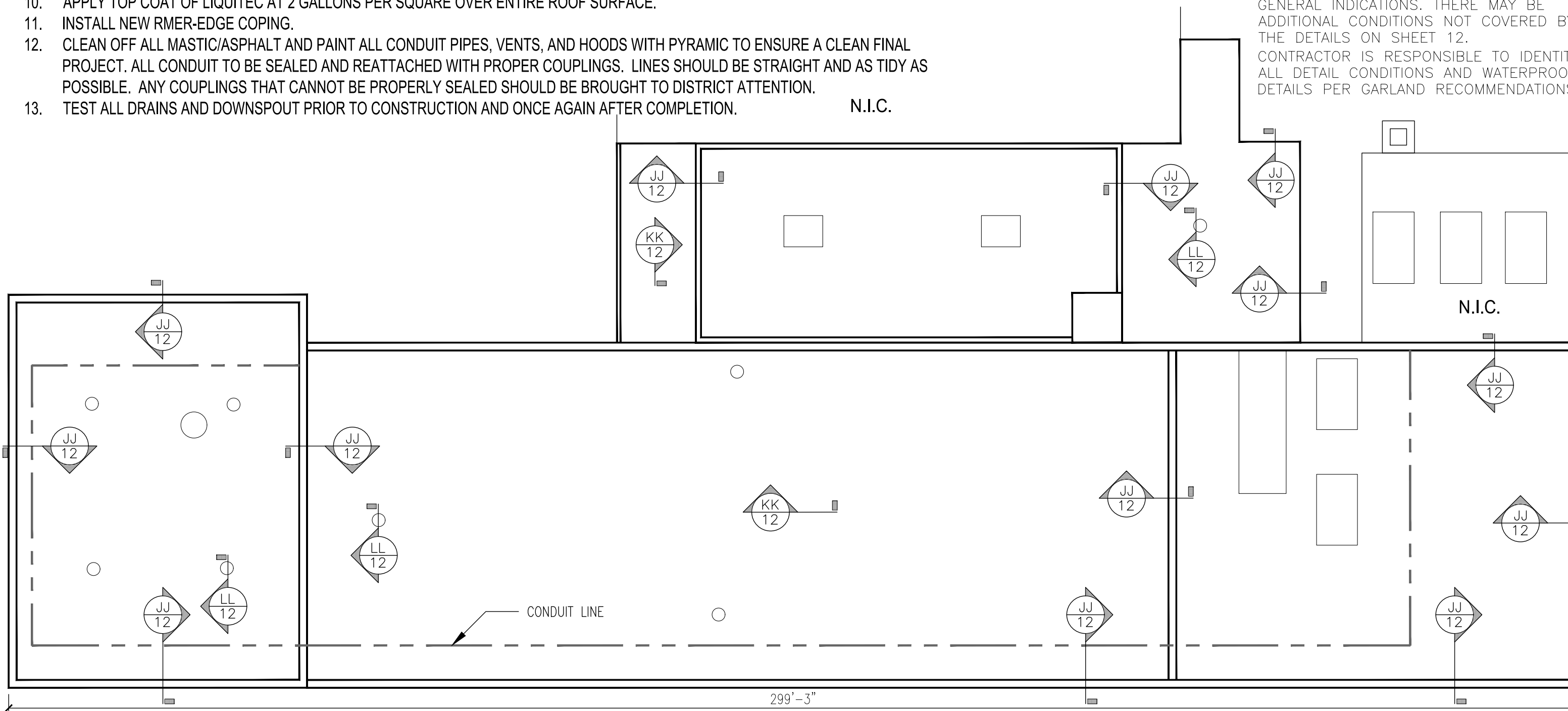
Page: 2 of 14

AUSD - PATTON GYM ROOF RESTORATION - SCOPE OF WORK:

1. REMOVE AND DISPOSE OF ALL BASE FLASHINGS AND COPING METAL.
 - 1.a. SURFACE MOUNTED COUNTERFLASHING TO BE CUT BACK AND NEW SKIRT FLASHING TO BE INSTALLED. REGLET MOUNTED COUNTERFLASHING TO BE REMOVED AND REUSED.
2. INSTALL FIXED GAS LINE SUPPORT EVERY 20'. ROOF IN SUPPORT AND INSTALL METAL CAP.
3. INSTALL NEW BASE FLASHINGS WITH VERSIPLY 40 AND VERSIPLY MINERAL MEMBRANES USING GREEN-LOCK FLASHING ADHESIVE.
4. PATCH AND REPAIR ALL BLISTERS, MOLE RUNS, UNADHERED SEAMS, AND DAMAGED MEMBRANE AREAS.
5. PATCH IN REMOVED AREAS USING VERSIPLY 40 AND VERSIPLY MINERAL IN GREEN-LOCK FLASHING ADHESIVE.
6. CUT OUT CAULKING ALONG COUNTERFLASHING'S AND PENETRATION DETAILS. INSTALL NEW GREEN-LOCK SEALANT XL.
7. POWERWASH ENTIRE ROOF SYSTEM WITH SIMPLEGREEN OR TSP AND WATER SOLUTION.
8. APPLY LIQUITEC AT 3 GALLONS PER SQUARE TO ALL DETAILS AND MEMBRANE SEAMS. IMMEDIATELY ROLL GRIP POLYESTER SOFT INTO THE COATING. ALLOW TO CURE.
9. APPLY BASE COAT OF LIQUITEC AT 2 GALLONS PER SQUARE OVER ENTIRE ROOF SURFACE.
10. APPLY TOP COAT OF LIQUITEC AT 2 GALLONS PER SQUARE OVER ENTIRE ROOF SURFACE.
11. INSTALL NEW RMER-EDGE COPING.
12. 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.
13. TEST ALL DRAINS AND DOWNSPOUT PRIOR TO CONSTRUCTION AND ONCE AGAIN AFTER COMPLETION. N.I.C.



NOTE:
 DETAIL CALLOUTS ARE PROVIDED FOR GENERAL INDICATIONS. THERE MAY BE ADDITIONAL CONDITIONS NOT COVERED BY THE DETAILS ON SHEET 12.
 CONTRACTOR IS RESPONSIBLE TO IDENTIFY ALL DETAIL CONDITIONS AND WATERPROOF DETAILS PER GARLAND RECOMMENDATIONS.



PATTON GYM ROOF PLAN

SCALE: 1" = 20'

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 SINCE 1993
 ALAMEDA HIGH SCHOOL
 220 CENTRAL AVE. ALAMEDA, CA 94601
 ARCHITECT:
 CUSTOMER:
 DATE: 01-03-24
 SHEET: 3 OF 14
 JOB NUMBER:
 DWG BY: GOK
 CHK BY: AP



ALAMEDA UNIFIED SCHOOL DISTRICT

ALAMEDA HIGH ROOF REPAIRS

SHEET TITLE

**ROOF PLAN
 PATTON GYM**

SHEET NUMBER

Sheet: 3

Page: 3 of 14



**ALAMEDA
UNIFIED
SCHOOL
DISTRICT**

**ALAMEDA HIGH
ROOF REPAIRS**

THE GARLAND COMPANY INC.
3600 EAST 91st STREET - CLEVELAND, OHIO 44105-2197
PHONE: (800) 321-9336 / FAX: (216) 641-0633



ALAMEDA HIGH SCHOOL
2200 CENTRAL AVE. ALAMEDA, CA 94501
ARCHITECT: AGENT: JOB NUMBER: CHK. BY: AP
DWG. BY: GOR
DATE: 01-03-24
SHEET: 4 OF 14

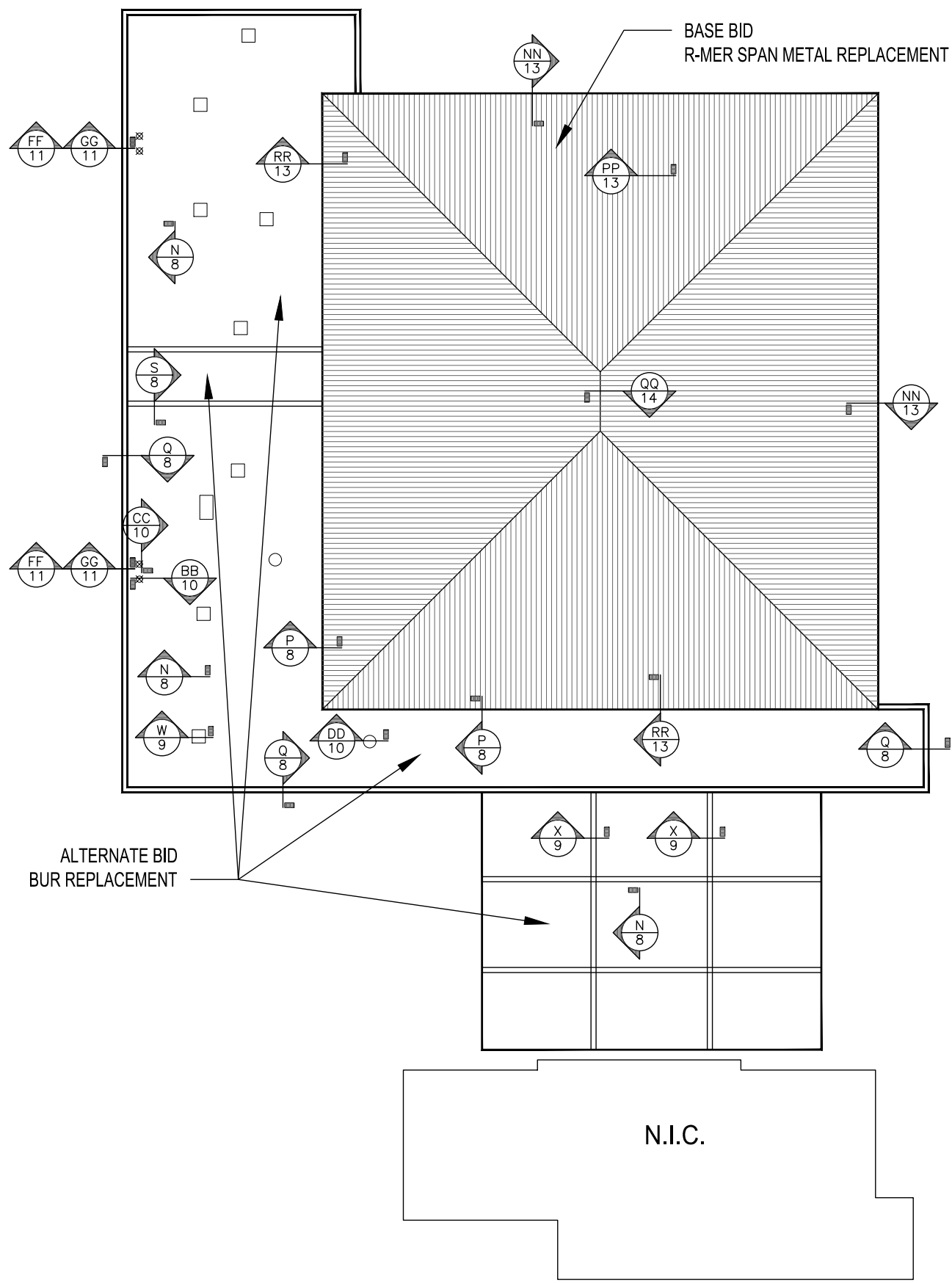
ALAMEDA HS - MAIN GYM - SCOPE OF WORK:

REPLACEMENT OF STANDING SEAM METAL

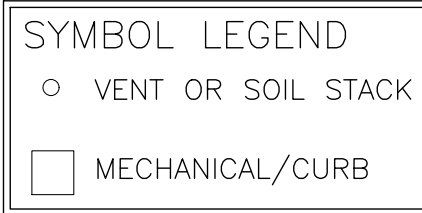
1. REMOVE AND DISPOSE OF EXISTING METAL ROOFING, DETAIL FLASHINGS, INTERNAL GUTTER SYSTEM, AND ASSOCIATED MATERIALS.
2. INSTALL R-10 POLYISO INSULATION AND 5/8" DENSDECK PRIME PER MANUFACTURERS WIND UPLIFT CALCULATIONS.
3. INSTALL CLIPS AND PANELS PER MANUFACTURERS WIND UPLIFT CALCS AND JOB SPECIFIC SHOP DRAWINGS.
4. EXISTING PLANE TRANSITION TO RECIEVE NEW PLAN DETAIL.
5. EXISTING INTERNAL GUTTER SYSTEM TO REMAIN, INSTALL NEW GREENWELD LINER.
6. INSTALL SYSTEM TRIM AND DETAILS TO COMPLETE SYSTEM.
7. PANELS TO BE ENGINEERED TO STRUCTURALLY SUPPORT POTENTIAL FOR FUTURE SOLAR ARRAY.

REPLACEMENT OF LOW SLOPE ROOFING

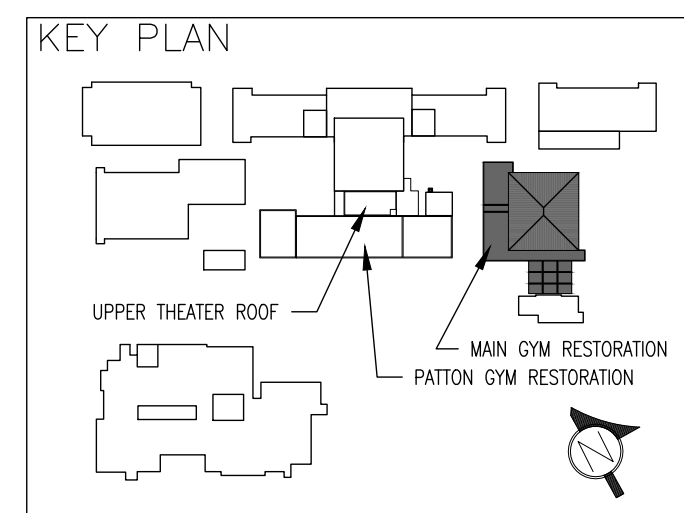
1. REMOVE AND DISPOSE OF ALL ROOFING, COUNTER FLASHING, COPING, EDGE METAL AND ASSOCIATED MATERIALS.
2. INSTALL R10 POLYISO AND 1/2" DENSDECK PRIME OR SECUROCK PER MANUFACTURERS WIND UPLIFT CALCULATIONS.
3. INSTALL 2 PLY MODIFIED BITUMEN SYSTEM IN COLD APPLIED ASPHALT.
4. APPLY TITL 24 REFLECTIVE COATING IN 2 COATS. (1.5+1.5 GAL PER SQUARE).
5. INSTALL R-MER EDGE COPING METAL IN 0.040 ALUMINUM.
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.



MAIN GYM ROOF PLAN
SCALE: 1" = 30'



NOTE:
DETAIL CALLOUTS ARE PROVIDED FOR GENERAL INDICATIONS. THERE MAY BE ADDITIONAL CONDITIONS NOT COVERED BY THE DETAILS ON SHEETS 8-11 & 13-14. CONTRACTOR IS RESPONSIBLE TO IDENTIFY ALL DETAIL CONDITIONS AND WATERPROOF DETAILS PER GARLAND RECOMMENDATIONS.



SHEET TITLE

**ROOF PLAN
MAIN GYM**

SHEET NUMBER

Sheet: 4

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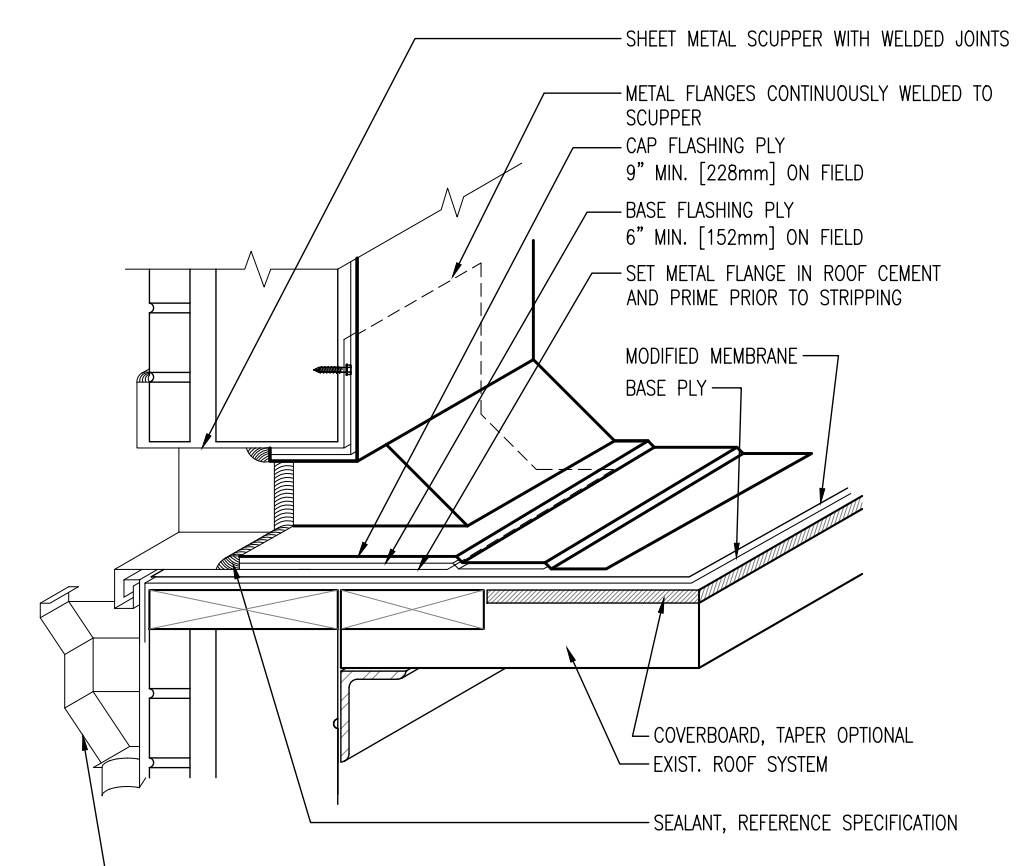
**ALAMEDA
UNIFIED
SCHOOL
DISTRICT**

**ALAMEDA HIGH
ROOF REPAIRS**

THE GARLAND COMPANY INC.
3800 EAST 91st STREET - CLEVELAND, OHIO 44105-2197
PHONE (800) 321-9336 / FAX (216) 641-0633

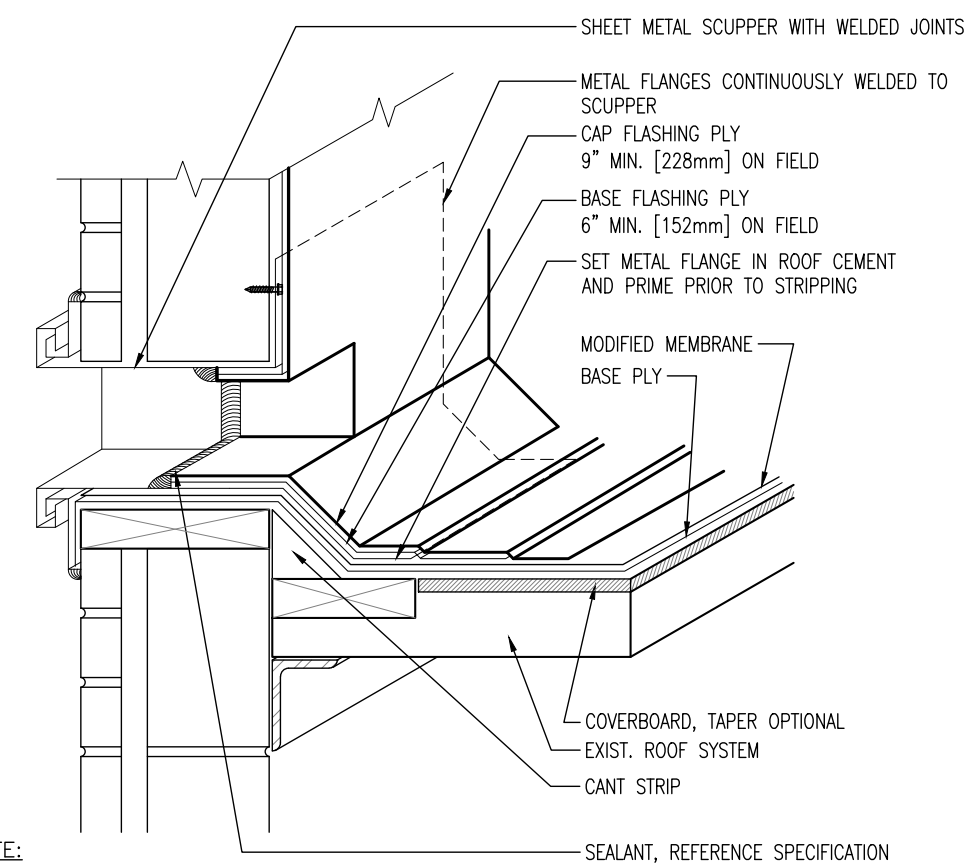


ALAMEDA HIGH SCHOOL 2200 CENTRAL AVE. ALAMEDA, CA 94501	AGENCY:	JOB NUMBER:	DWG BY: GOR	CHK BY: AP
ARCHITECT:	CUSTOMER:	DATE: 01-03-24	SHEET: 4	OF 4
REVISION:				



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

M SCUPPER THROUGHWALL
SCALE: 1/2" = 1'-0"



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

L SCUPPER THROUGHWALL - OVERFLOW
SCALE: 1/2" = 1'-0"

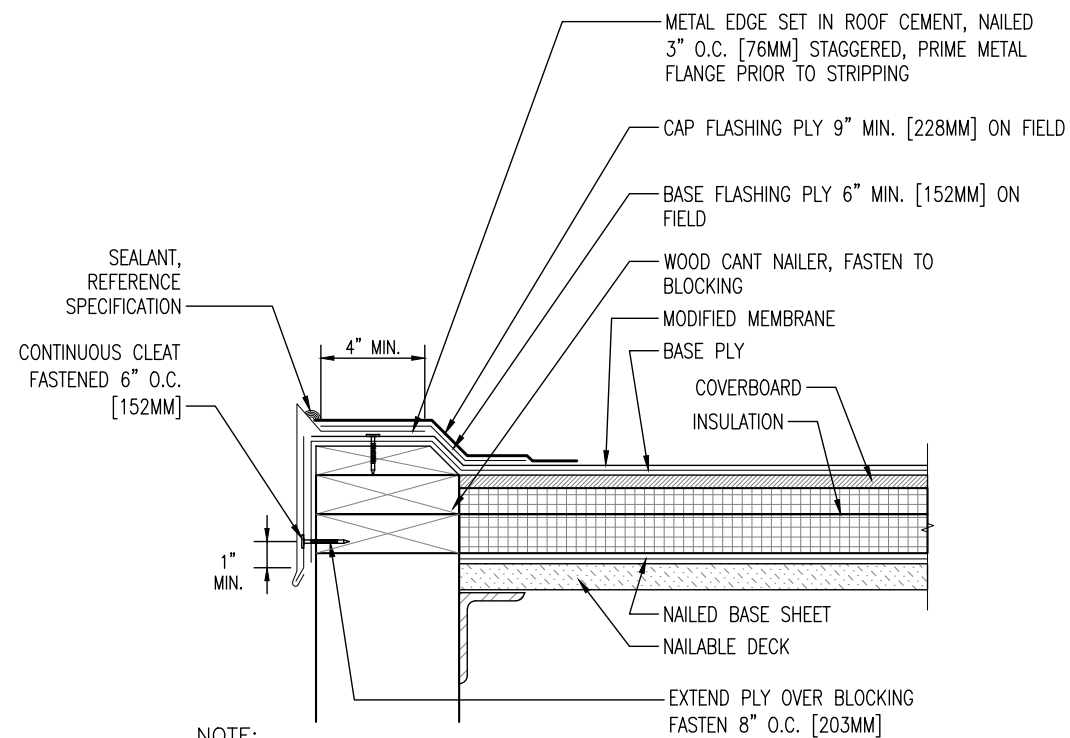
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DETAILS

SHEET NUMBER

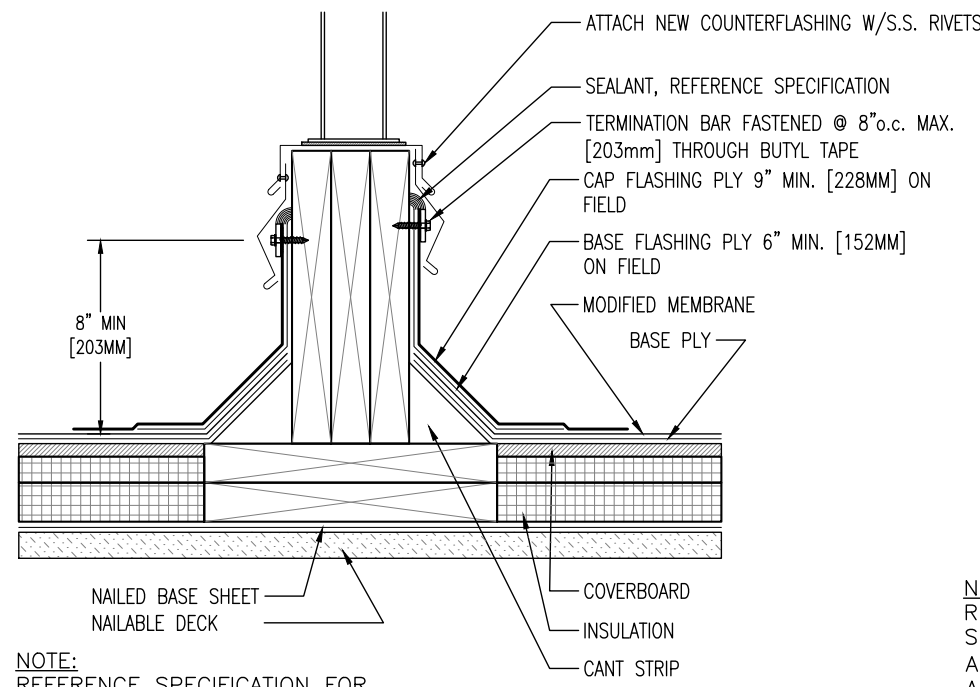
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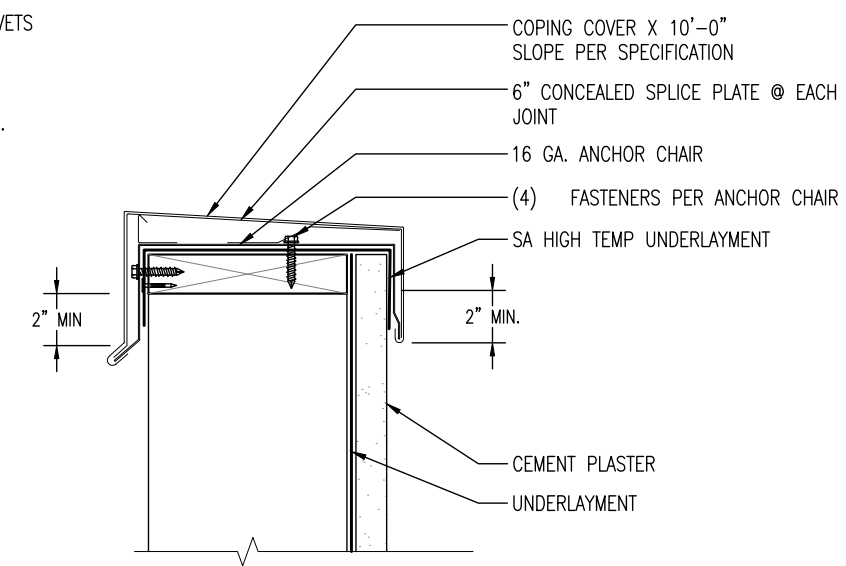
NOTE:
REFERENCE SPECIFICATION FOR
SURFACING, MEMBRANE ADHESIVE TYPE,
AND INSULATION/COVER BOARD TYPE
AND ATTACHMENT METHOD.

S
8 **METAL EDGE - RAISED**
SCALE: 1/2" = 1'-0"



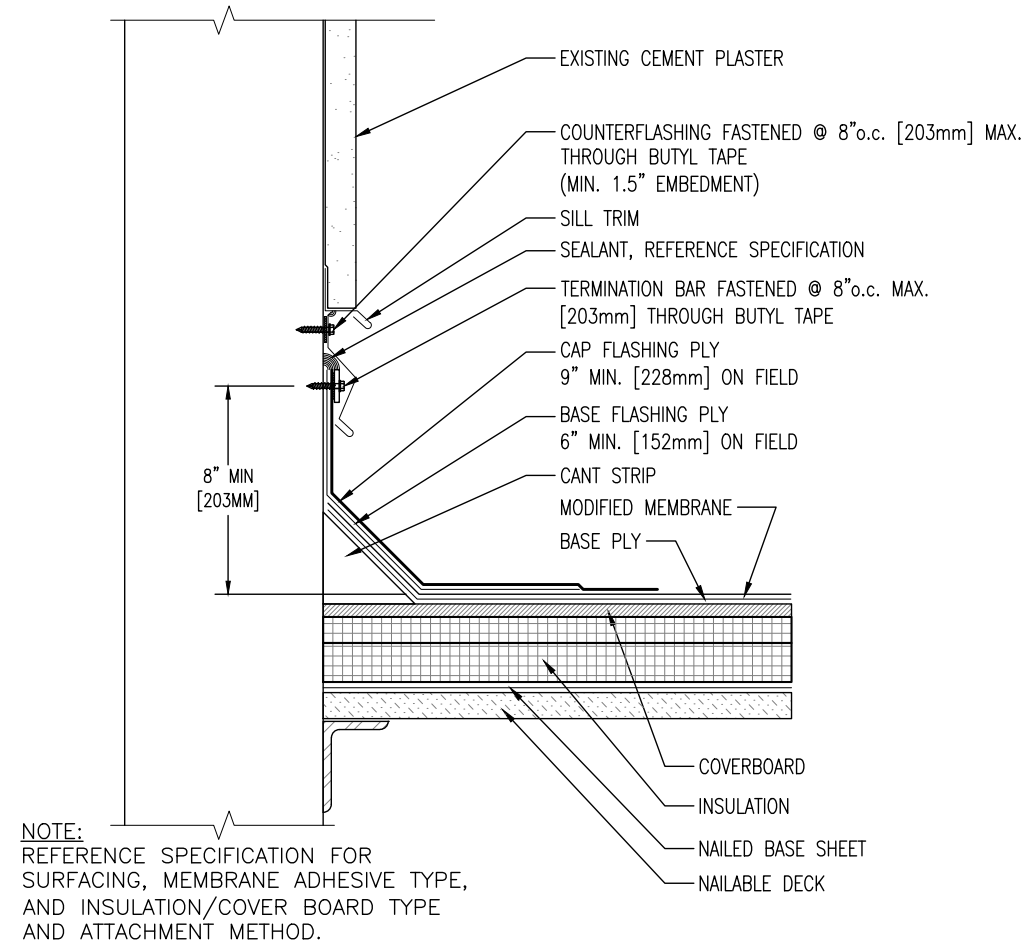
NOTE:
REFERENCE SPECIFICATION FOR
SURFACING, MEMBRANE ADHESIVE TYPE,
AND INSULATION/COVER BOARD TYPE
AND ATTACHMENT METHOD.

R
8 **EQUIPMENT SUPPORT - EXISTING**
SCALE: 1/2" = 1'-0"



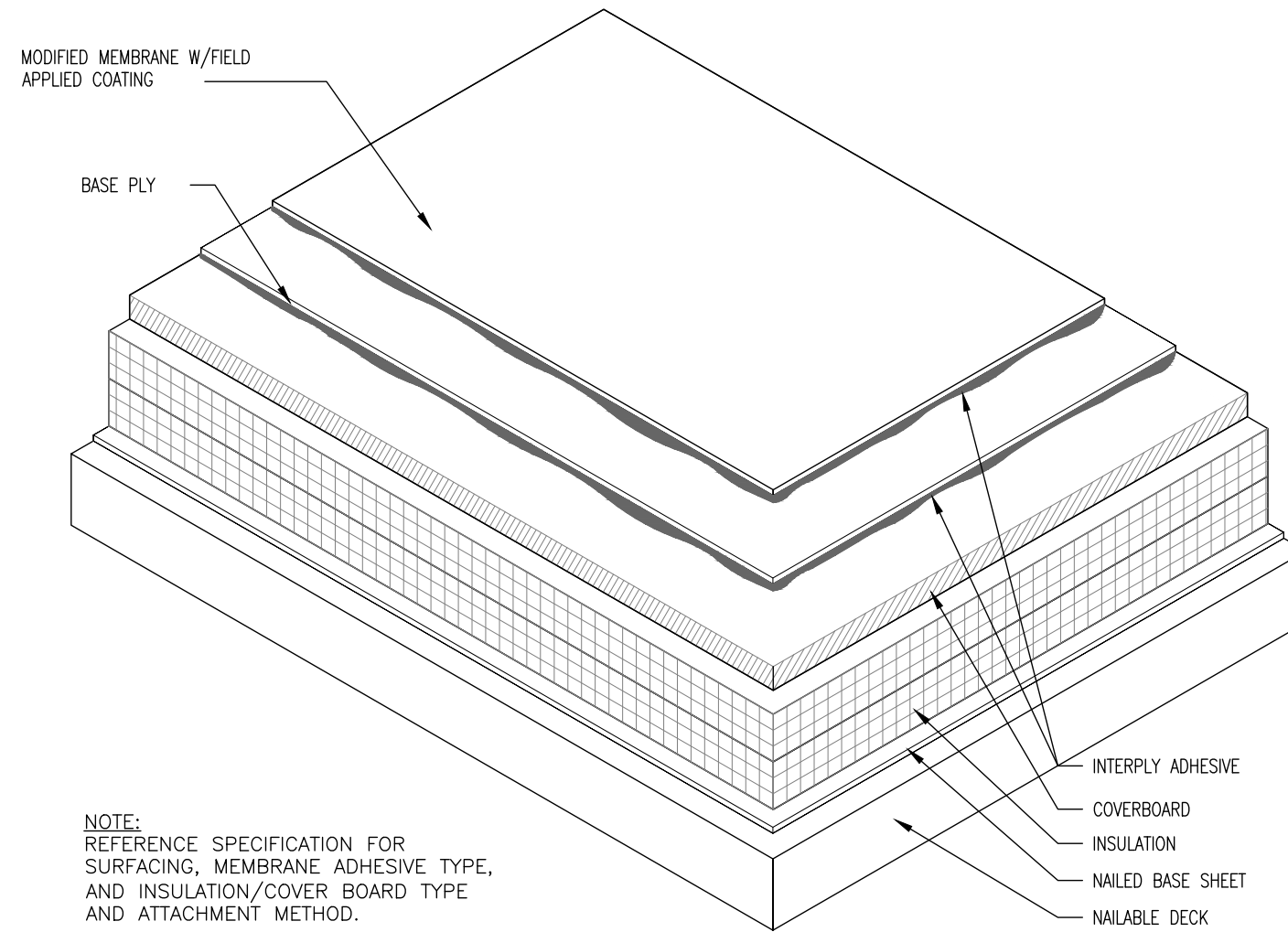
NOTE:
REFERENCE SPECIFICATION FOR
SURFACING, MEMBRANE ADHESIVE TYPE,
AND INSULATION/COVER BOARD TYPE
AND ATTACHMENT METHOD.

Q
8 **COPING CAP AT CEMENT PLASTER WALL**
SCALE: 1/2" = 1'-0"



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

P
8 **WALL FLASHING AT
EXISTING CEMENT PLASTER WALL**
SCALE: 1/2" = 1'-0"



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

N
8 **TYPICAL ROOF SYSTEM
COATED SURFACE**
SCALE: 3" = 1'-0"

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ARCHITECT:	CUSTOMER:	DATE: 01-03-24	OF 4	SHEET: 2
REVISION:				



**ALAMEDA
UNIFIED
SCHOOL
DISTRICT**

**ALAMEDA HIGH
ROOF REPAIRS**

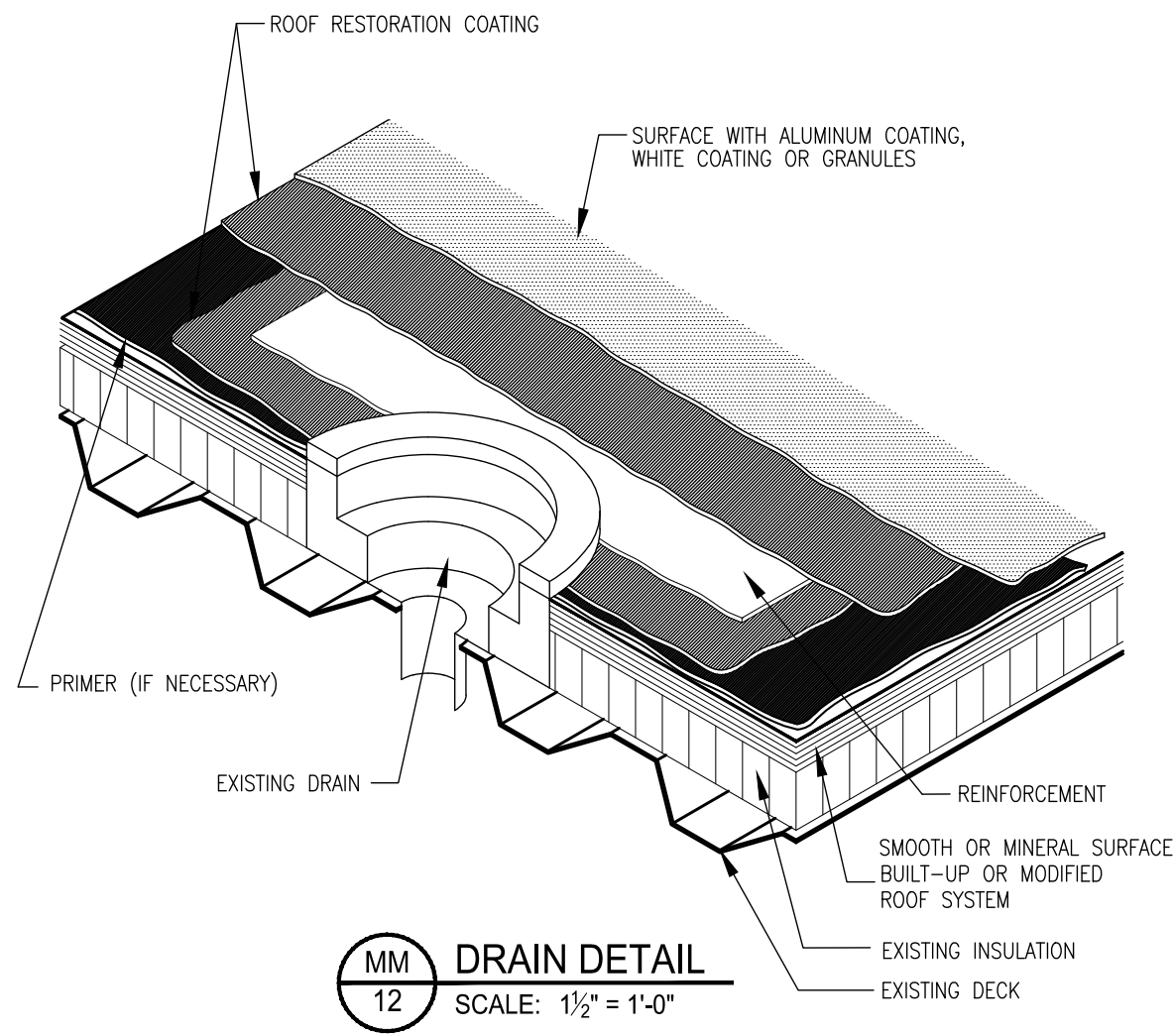
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DETAILS

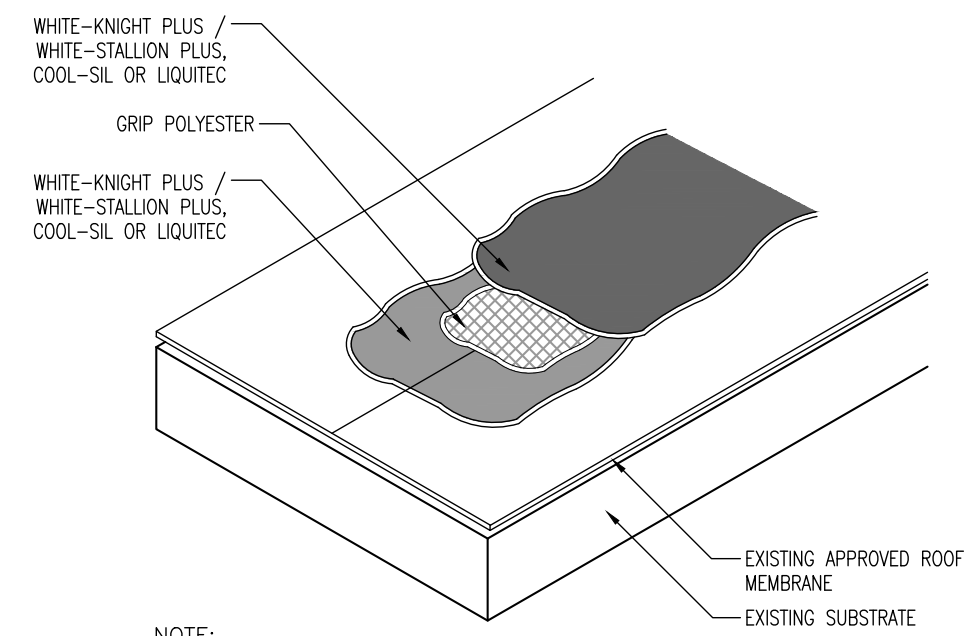
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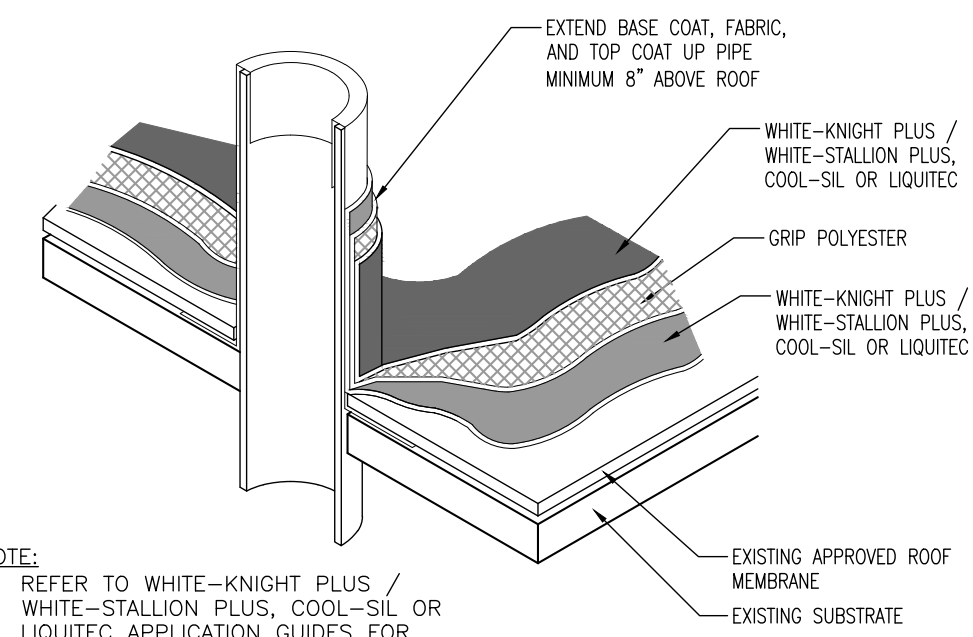
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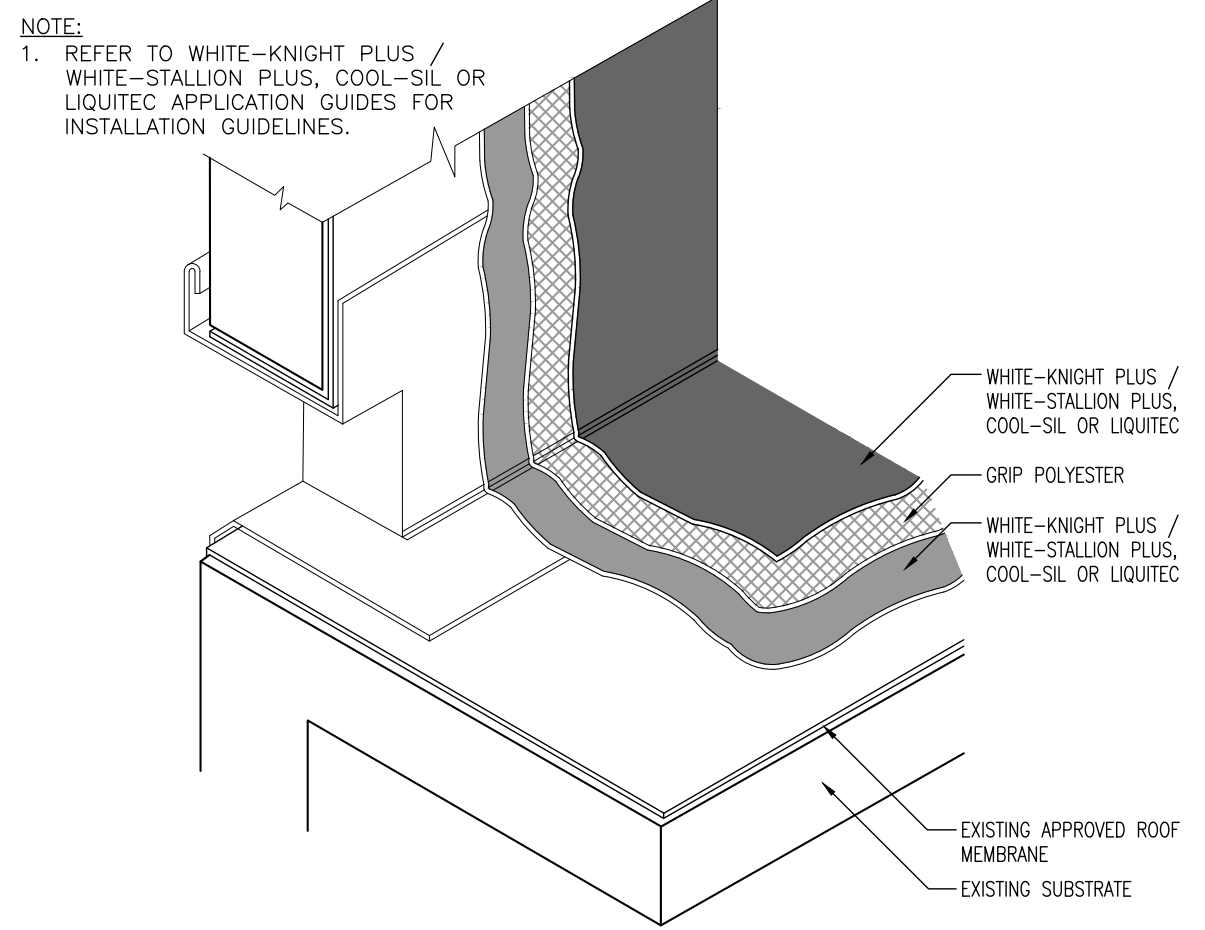
MM
12
DRAIN DETAIL
SCALE: 1½" = 1'-0"



KK
12
TYPICAL MEMBRANE SEAM DETAIL
SCALE: 1½" = 1'-0"



LL
12
TYPICAL PIPE PENETRATION DETAIL
SCALE: 1½" = 1'-0"



JJ
12
TYPICAL THROUGH-WALL SCUPPER DETAIL
SCALE: 1½" = 1'-0"

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CUSTOMER:	SHEET: 2		



ALAMEDA UNIFIED SCHOOL DISTRICT

ALAMEDA HIGH ROOF REPAIRS

SHEET TITLE

DETAILS

SHEET NUMBER

Sheet: 12

Page: 12 of 14



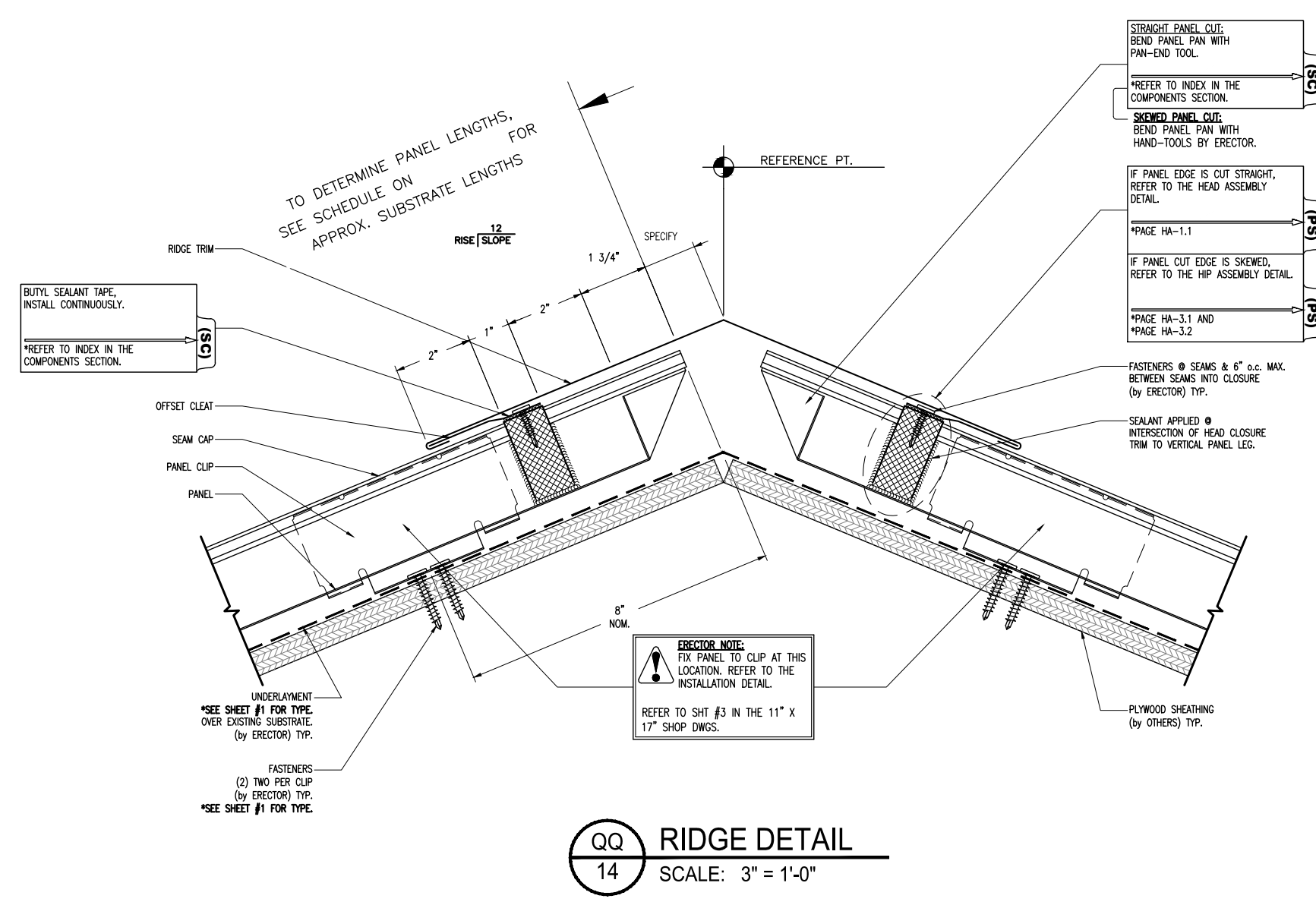
ALAMEDA UNIFIED SCHOOL DISTRICT

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AGENCY:	CUSTOMER:	SHEET: 2 OF 4
JOB NUMBER:	DWG BY: CDK	CHK BY: JAP
REVISION:		



SHEET TITLE

DETAILS

SHEET NUMBER

Sheet: 14

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