WEST TEXAS A&M UNIVERSITY
ROOF REPLACEMENT PROJECT
MULTIPLE BUILDINGS
2501 4TH AVE,
CANYON, TEXAS 79016

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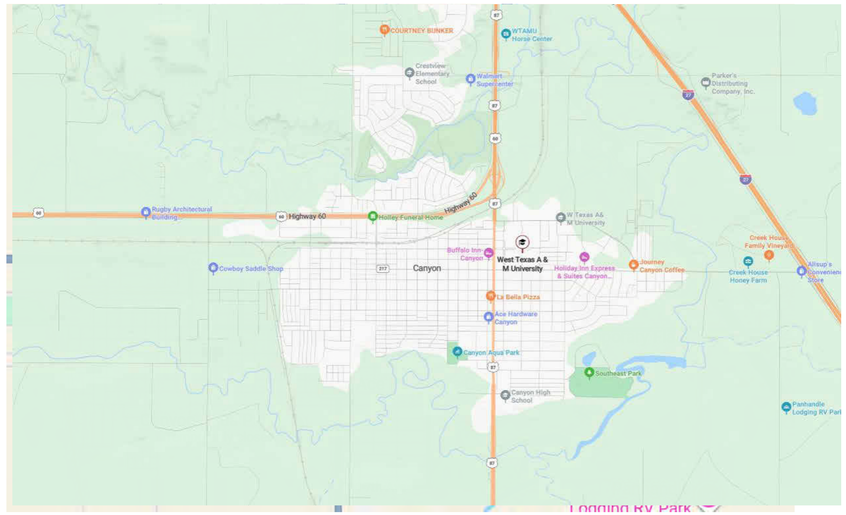
R2.01	ROOF DETAILS
R2.02	ROOF DETAILS
R2.03	ROOF DETAILS
R2.04	ROOF DETAILS
R2.05	ROOF DETAILS

NORTH

VICINITY MAP



NORTH

LOCATION MAP

ARMKO INDUSTRIES, INC.

TEXAS REGISTERED ENGINEERING FIRM F-6498
2505 79TH ST., SUITE A
LUBBOCK, TEXAS 79423
(972) 874-1388

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STATE OF TEXAS
DEAN D. BROWN
117506
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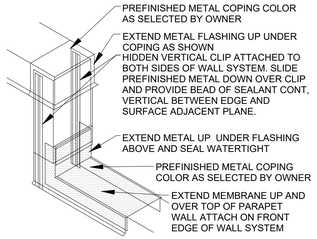
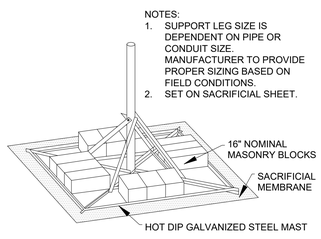
COVER SHEET

GS1.00



14 COPING END CAP

NOT TO SCALE



13 ANTENNA SUPPORT

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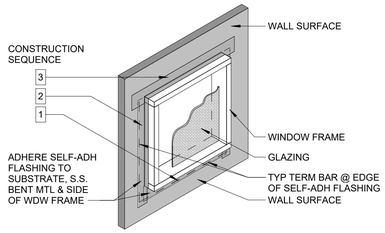
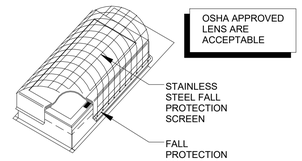


12 TYP SELF-ADH FLASHING (AT WALL OPENINGS)

NOT TO SCALE



11 SKYLIGHT WITH FALL PROTECTION

NOT TO SCALE

10 SCUPPER SHEET METAL

NOT TO SCALE

9 LARGE PIPE - PIPE STAND

NOT TO SCALE

8 ROLLER PIPE SUPPORT

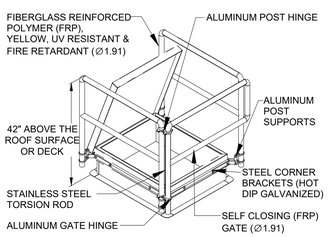
NOT TO SCALE

7 TAPERED SADDLES

NOT TO SCALE

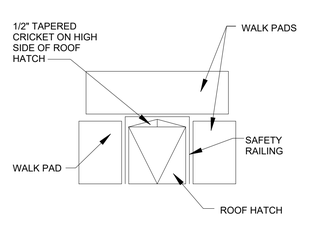
6 TAPERED CRICKET

NOT TO SCALE



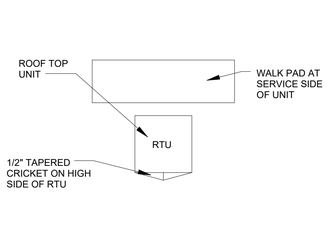
5 ROOF HATCH SAFETY RAILING

NOT TO SCALE



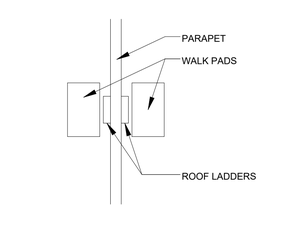
4 ROOF HATCH WALK PAD LAYOUT

NOT TO SCALE



3 ROOF TOP UNIT - WALK PAD LAYOUT

NOT TO SCALE



2 ROOF TO ROOF LADDER WITH WALK PADS

NOT TO SCALE

DO NOT MAKE REPAIRS OR ALTERATIONS TO THIS ROOF WITHOUT APPROVAL FROM THE DIRECTOR OF OPERARIONS AND MAINTENANACE OFFICE

PROJECT NAME
PROJECT ADDRESS

THIS ROOF IS GUARANTEED FROM XX/XX/XX UNTIL XX/XX/XX

SCHOOL DISTRICT NAME,
DAY PHONE NUMBER
EMERGENCY PHONE NUMBER
ENVELOPE CONSULTANT NAME, PHONE NUMBER

ROOFING MANUFATURER NAME, PHONE NUMBER

GENERAL CONTRACTOR NME, PHONE NUMBER

ROOFING CONTRACTOR NAME, PHONE NUMBER

1 ROOF PLAQUE

NOT TO SCALE

GENERAL ROOF NOTES:

A. PROVIDE ALL REQUIRED UTILITY / STRUCTURAL COMPONENTS AND/OR CONNECTIONS FOR THE FUNCTIONAL USE OF ALL CONTRACTOR SUPPLIED EQUIPMENT OR APPLIANCES, REGARDLESS OF ANY OMISSIONS OR INCONSISTENCIES ENCOUNTERED IN THE CONSTRUCTION DOCUMENTS.
B. THE WORD 'PROVIDE' SHALL MEAN 'FURNISH AND INSTALL' COMPLETE AND READY TO USE.
C. IF DISCREPANCIES APPEAR BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE HIGHER QUALITY, QUANTITY, AND PRICE SHALL SUPERSEDE.
D. THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL BECOME FAMILIAR WITH THE PROJECT AND THE ON-SITE / OFF-SITE CONDITIONS PRIOR TO BIDDING OR COMMENCING WORK.
E. PROVIDE METAL END CLOSURE ON EXPANSION JOINTS WHERE THEY OCCUR AT THE EDGE OF THE ROOF.
F. ROOF SLOPES SHOWN ON DRAWINGS ARE GENERAL AND CONCEPTUAL ONLY. TAPER INSULATION IS SHOWN CONCEPTUALLY AND FOR INTENT ONLY; NOT TO SCALE AND SHOWN AS GRAPHIC REPRESENTATION ONLY TO SHOW SLOPE. INTENT IS TO PROVIDE POSITIVE DRAINAGE TO ALL ROOF DRAINS, SCUPPERS, AND GUTTERS. VERIFY INSULATION AND TAPER IN SHOP DRAWINGS AS REQUIRED TO MAINTAIN SLOPE PRIOR TO INSTALLATION. REFER TO STRUCTURAL (IF APPLIES) FOR EXACT TOS/BOD ELEVATIONS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
G. PROVIDE TAPERED INSULATION CRICKETS (1/2"/FT. MIN. SLOPE) AT HIGH SIDE OF ALL MECHANICAL UNITS, SMOKE VENTS, ROOF HATCHES, AND OTHER MISC. ROOF PENETRATIONS, TO SHED WATER AROUND AND TO ENSURE POSITIVE ROOF DRAINAGE.
H. PROVIDE ADDITIONAL MANUFACTURER'S WALK PADS AS PROTECTION AT "SERVICE SIDE" OF ALL MECHANICAL EQUIPMENT - FIELD VERIFY LOCATIONS. AS WELL AS PROTECTION AT "ACCESS SIDE" OF ALL ROOF HATCHES AND ROOF ACCESS LADDERS - FIELD VERIFY LOCATIONS, AND AT DOWNSPOUT LOCATIONS.
I. ALL WOOD BLOCKING AT ROOF EDGES ARE TO BE FABRICATED FROM CONT. 2X6 FR-WD BOARDS. PROVIDE LARGER 2X FR-WD AS REQUIRED PER DIMENSIONED DETAILS OR AS FIELD CONDITIONS DICTATE. ALL COPING TO BE SLOPED TOWARD THE INTERIOR.
J. ALL EXPOSED FLASHING, COPING (IF APPLICABLE), AND THEIR ACCESSORIES SHALL BE AS SPECIFIED.
K. HEIGHT OF ALL NAILERS SHALL BE FLUSH WITH NEW INSULATION THICKNESS.
L. ALL THROUGH WALL FLASHING SYSTEMS TO ACCOMMODATE 8" MINIMUM FLASHING HEIGHT FROM FINISHED ROOF SURFACE. PROVIDE END DAMS AS CONDITIONS ALLOW. ALL FLASHING TO HAVE 4" LAP MINIMUM AND OR STEP.
M. ALL PITCH PANS SHALL BE DOUBLE SOLDERED STAINLESS STEEL AND RECEIVE EITHER MECHANICALLY ATTACHED GOOSENECKS OR METAL BONNETS. METAL BONNETS SHALL BE SECURED WITH CLAMPING RING AND SEALANT. SPECIAL CARE GIVEN TO WASH ALL METAL PRIOR TO INSTALLATION.
N. ALL INFIELD EXPANSION JOINTS SHALL HAVE LOW SLOPED STANDING SEAM JOINTS AND SHALL BE CHAMFERED AT TERMINATION AT ROOF EDGE TO MEET PROFILE OF PERIMETER.
O. ANY CRACKS OR VOIDS IN RISE WALLS ABOVE COUNTER FLASHING SHALL BE REPAIRED WITH COMPATIBLE SEALANT.
P. ALL VERTICAL MEMBRANE FLASHING SHALL BE MECHANICALLY FASTENED AND INSTALLED WITH NEW METAL COUNTER FLASHING UTILIZING A CONTINUOUS CLEAT. SLIDE METAL COVER PLATE DOWN OVER VERTICAL CLEAT AND SEAL.
Q. PROVIDE NEW CONCRETE SPLASH BLOCKS ON ROOF ELEVATION ON TOP OF A WALK PAD WHERE DOWNSPOUTS OCCUR.
R. ALL PIPES AND CONDUIT SHALL RECEIVE PIPE SUPPORTS AND RELATED SHIMS AND SHALL BE PLACED ON AN ADDITIONAL ADHERED ROOF MEMBRANE UNDER SPECIFIED WALK PAD PRIOR TO SURFACE APPLICATION. SUPPORTS TO OCCUR AT 10'-0" O.C. AND WITHIN 2'-0" OF ALL SLOPES, TEES AND CORNERS. ALL PIPES TO BE PAINTED PER BUILDING CODE REQUIREMENTS.
S. ALL METAL FLASHING SHALL EXTEND BEYOND ROOF EDGE MIN. 8" WHERE FLASHING ABUTS VERTICAL WALL SURFACE AS DETAILED. ALL FLASHING SHALL BE INSTALLED IN SHINGLE FASHION.
T. AT ALL LOCATIONS WHERE CONVERGENCE OF MULTIPLE PLANES OF ROOFING TO WALL OCCUR, FIELD FABRICATE THERMOPLASTIC BOOT TO BE INSTALLED OVER NEW ROOFING, COMPLETELY OVERLAYING THE TRANSITIONS OF ALL ROOF TO WALL, ELEVATIONS, INSIDE AND OUTSIDE 90 DEGREE CORNERS, ETC. PRIOR TO METAL INSTALLATION.
U. ALL EQUIPMENT CURBS TO BE RAISED AS NECESSARY TO MAINTAIN 10" MINIMUM HEIGHT ABOVE FINISHED ROOF SURFACE.
V. MECHANICAL, ELECTRICAL, AND PLUMBING ROOF EQUIPMENT SHOWN ON THIS PLAN IS FOR GENERAL INFORMATION ONLY.
W. FLASHING AND STRIPPING MATERIALS, BASE PLY SHEETS, MEMBRANES, INSULATION, AND ACCESSORIES SHOULD BE AS RECOMMENDED BY THE ROOFING SYSTEM MANUFACTURER FOR INTENDED USE AND COMPATIBILITY WITH THE MEMBRANE ROOFING SYSTEM.
X. WHERE WOOD BLOCKING EXCEEDS 6" IN VERTICAL THICKNESS AT TAPERED INSULATION, PROVIDE STEM WALL CONSTRUCTED OF 6" GALVANIZED COLD FORMED METAL FRAMING AT 16" O.C. WITH CONT. TRACK AT TOP AND BOTTOM AND WITH 3/4" FR-EXT GRADE PLYWOOD AT EACH SIDE, TOP TO SLOPE WITH TAPERED INSULATION.
Y. PROVIDE STEP FLASHING AND COVER PLATE AT SLOPED ROOF HIGH/LOW CONDITIONS.
Z. GUTTERS SHALL BE PREFINISHED GALVANIZED STEEL, SIZE PER DRAWINGS, UNO. PROVIDE PREFINISHED 1/4"x1 1/2" GALVANIZED STEEL BENT PLATE BRACKETS AND PREFINISHED 1" GALVANIZED STEEL SPACERS AT 36" O.C. MAX, STAGGER WITH EACH OTHER AT 18" O.C.
AA. PROVIDE PREFINISHED GUTTER EXPANSION JOINTS 50'-0" O.C. MAX.
AB. DOWNSPOUTS SHALL BE 5"x6" PREFINISHED GALVANIZED STEEL UNO WHERE LOCATED ON ROOF PLAN. PROVIDE PREFINISHED 2" GALVANIZED STEEL HANGERS AT 36" O.C. COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
AC. PROVIDE SPLASH BLOCKS AT ALL ROOF LEADER NOZZLES THAT SPILL ONTO GROUND.
AD. VERIFY ELEVATION OF ROOF DRAIN RELATIVE TO OVERFLOW SCUPPER PRIOR TO INSTALLATION OF SCUPPERS.
AE. LOCATE SCUPPERS AS INDICATED ON ELEVATIONS, EITHER CENTERED OVER WINDOWS/OPENINGS, OR CENTERED BETWEEN WINDOWS/OPENINGS, UNO. ADJUST PLACEMENT TO MEET MASONRY COURSING MODULES.

Building Code	2021 IBC
Energy Code	2021 IECC
Existing Building Code	2021 IEBC
ASCE Wind Uplift	ASCE 7-16
Wind Exposure	C
Internal Pressure Coefficient	+/-0.18
Risk Category	III
Basic Design Wind Speed, V (mph)	114
Allowable Stress Design (ASD) Wind Speed, $V_{asd} = V\sqrt{0.6}$ (mph)	88
Risk Category (Storm Shelters & Essential Facilities)	IV
Basic Design Wind Speed, V (mph)	118
Allowable Stress Design (ASD) Wind Speed, $V_{asd} = V\sqrt{0.6}$ (mph)	91

ROOF LEGEND

NEW ROOF DRAIN
CH — CHILLER LINE
G — GAS LINE
SST SPLASH PAN / SUPPORT PAD
RPH — ROOF PENETRATION HOUSING
GUY WIRE
ANTENNA
SOIL / PLUMBING VENT
FLANGE MOUNTED EQUIPMENT
EDP — ELECTRICAL DISTRIBUTION PANEL
HS — HOT STACK
CURB MOUNTED VENT
RTU — ROOF TOP UNIT
CURB MOUNTED EQUIPMENT
MISC. EQUIP. ON EQUIP. CURBS
RD — PRIMARY ROOF DRAIN
OD — OVERFLOW ROOF DRAIN
RD OD — PRIMARY AND OVERFLOW ROOF DRAIN
DS/SB — DOWNSPOUT/ SPLASHBLOCK
EJ — EXPANSION JOINT
ME/G — METAL EDGE W/GUTTER
ME — METAL EDGE
RW — RISE WALL
RME — RAISED METAL EDGE
RW/EJ — RISE WALL W/EXPANSION JOINT
CD — CONDENSATE LINE
TEL / FO — TELE / FIBER OPTICS
E — ELECTRIC LINE
A — ANCHOR STANCHION
V — VENT STACK
W — WATER HYDRANT
E — ELECTRIC DISCONNECT PEDESTAL
SECURITY CAMERA
PITCH PAN
PROCESS VENT STACK
FLANGE MOUNTED VENT
SATELLITE DISH
MISC. EQUIPMENT
ROOF HATCH
SL — SKYLIGHT
SC — THROUGH WALL SCUPPER
OS — OVERFLOW SCUPPER
SC — EDGE SCUPPER
DS/CH — DOWNSPOUT/ COLLECTOR HEAD
DS — DOWNSPOUT
P — PARAPET
P/EJ — EXPANSION JOINT AT PARAPET
SLOPE DIRECTION
P/EJ — EXPANSION JOINT AT PARAPET
ROOF LADDER

LOW SLOPE ROOF SYSTEM
SHINGLE ROOF SYSTEM
NOT IN CONTRACT

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JOB: 25-1183-49
DATE: 10/07/2025
DRAWN BY: AA/JK
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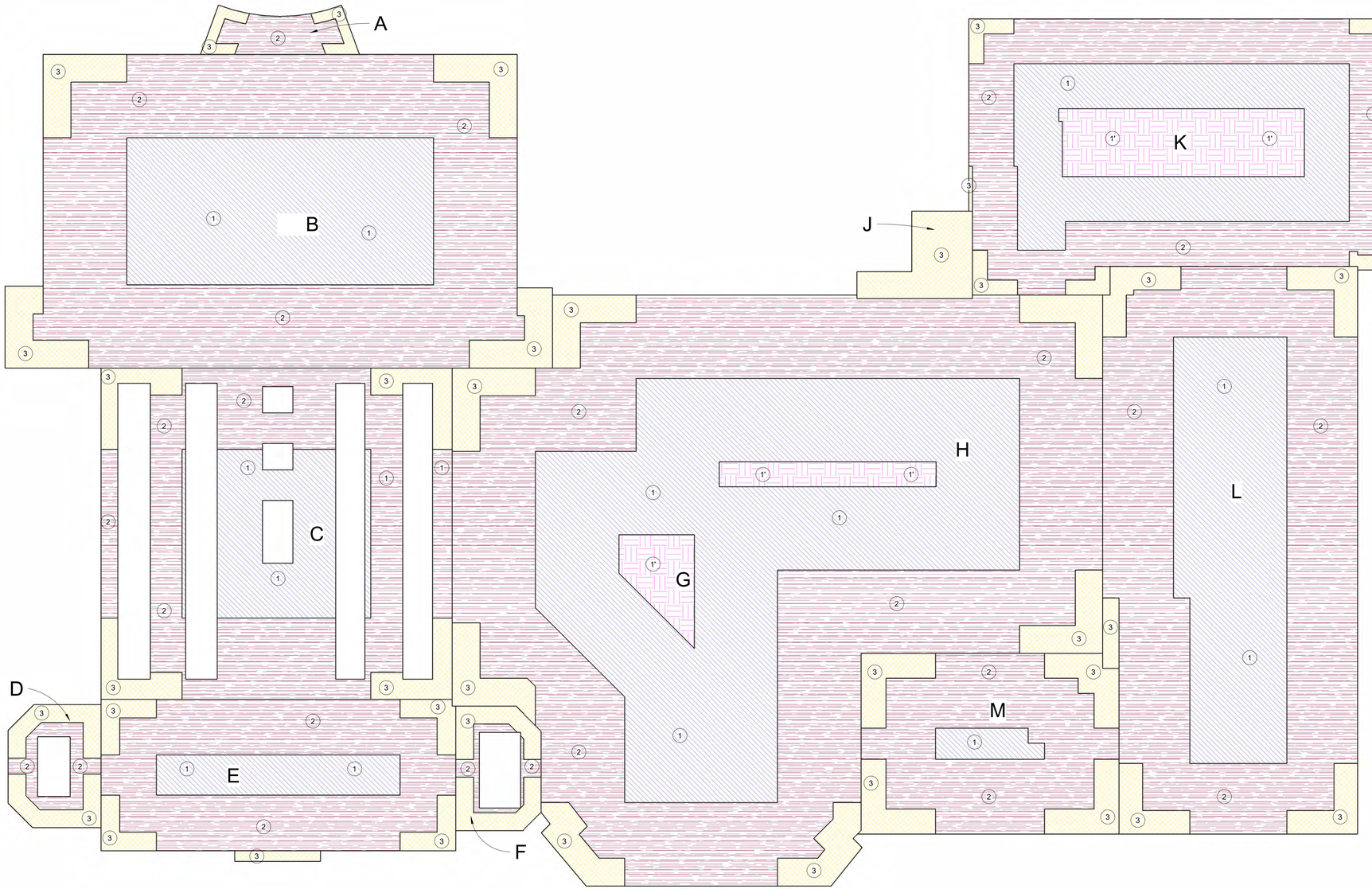
GENERAL ROOFING INFORMATION

GS1.01

REFER TO SHEET GS2.01B FOR WIND UPLIFT PRESSURE CHART AND WIND UPLIFT KEY



1 WIND UPLIFT PLAN - OVERALL - MUSEAM
1/16" = 1'-0"

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WIND UPLIFT PRESSURE PLAN - PANHANDLE PLAINS HISTORICAL MUSEUM

GS2.01A

Area	Zone	Uplift Pressure (Risk Cat III) (psf)	Uplift Pressure (Risk Cat IV) (psf)	0.6h (ft)	0.2h (ft)	a (ft)
A				9.0	3.0	-
	1'	-	-			
	1	-	-			
	2	36.0	38.5			
	3	51.7	55.4			
B				23.4	7.8	-
	1'	-	-			
	1	30.3	32.5			
	2	40.6	43.5			
	3	47.5	50.9			
C				22.8	7.6	-
	1'	-	-			
	1	30.1	32.3			
	2	40.3	43.2			
	3	50.2	53.8			
D,F				15.0	5.0	-
	1'	-	-			
	1	-	-			
	2	45.0	48.2			
	3	46.3	49.6			
E				15.6	5.2	-
	1'	-	-			
	1	27.8	29.8			
	2	37.2	39.8			
	3	58.8	63.0			
G,H				23.4	7.8	-
	1'	19.5	20.9			
	1	30.3	32.5			
	2	40.6	43.5			
	3	47.5	50.9			
J				-	-	-
	1'	-	-			
	1	-	-			
	2	-	-			
	3	43.9	47.0			
K				12.6	4.2	-
	1'	13.1	14.0			
	1	26.6	28.5			
	2	35.6	38.2			
	3	73.8	79.1			
L				19.8	6.6	-
	1'	-	-			
	1	29.2	31.3			
	2	39.2	41.9			
	3	48.7	52.1			
M				21.0	7.0	-
	1'	-	-			
	1	32.8	35.1			
	2	39.6	42.5			
	3	48.4	51.8			

NOTE 1: Multiply Basic Design Wind Pressures x 0.6 to achieve ASD Wind Pressures

1 UPLIFT KEY PLAN - LOW SLOPE
1/32" = 1'-0"

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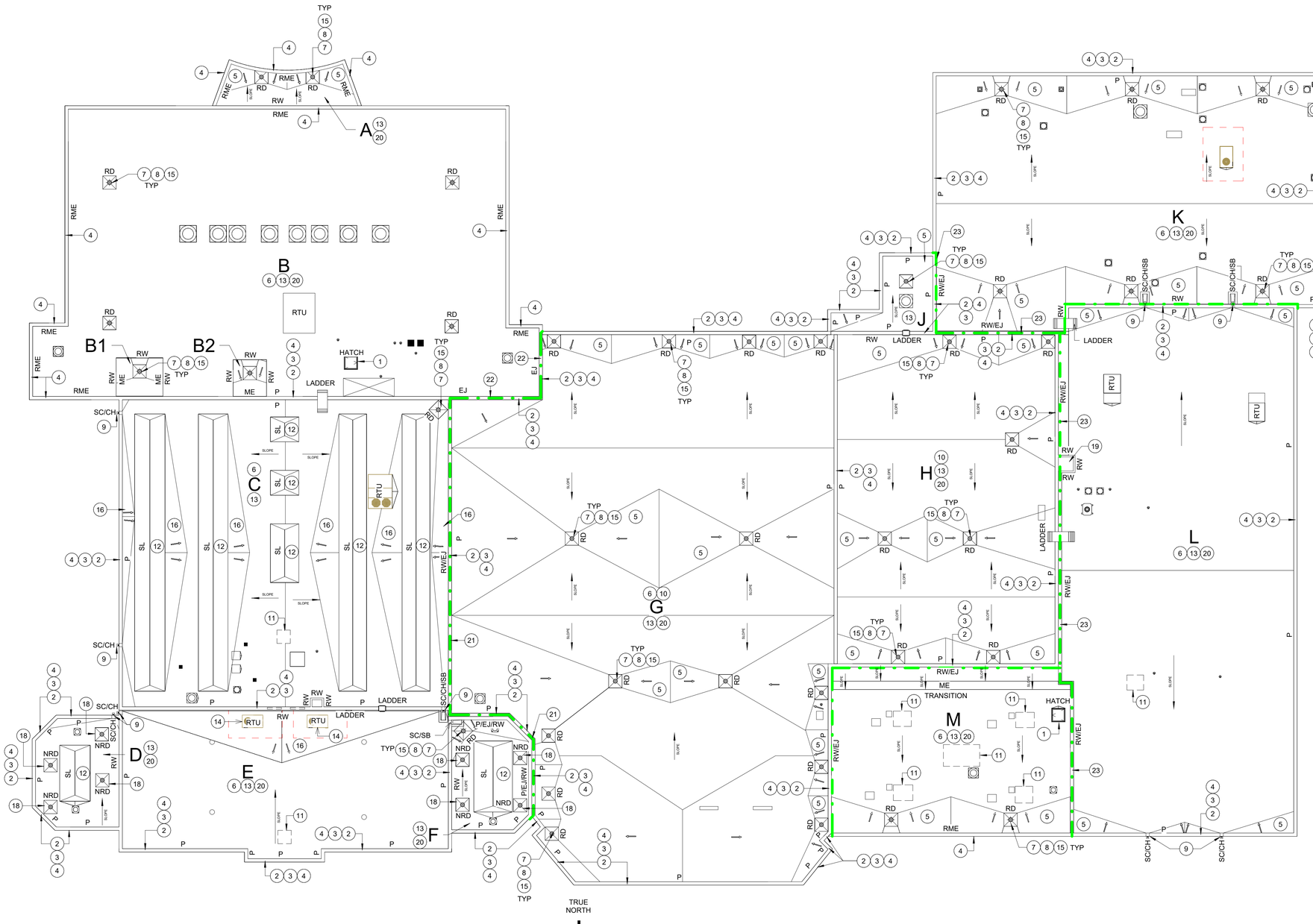
WIND UPLIFT PRESSURE PLAN - PANHANDLE PLAINS HISTORICAL MUSEUM

GS2.01B



1 OVERALL ROOF PLAN - PANHANDLE PLAINS HISTORICAL MUSEUM
NOT TO SCALE

SCOPE OF WORK PACKAGE III:

BASE PROPOSAL 8 – WTAMU PANHANDLE PLAINS HISTORICAL MUSEUM – ROOF COATING – ROOF SECTIONS (A, B, B1, B2, C, G, H, J, K, L & M)

- WORK SHALL INCLUDE POWER WASHING THE EXISTING MODIFIED BITUMEN ROOF SYSTEM .
- MAKE ALL NECESSARY REPAIRS TO ANY AND ALL DEFICIENCIES BEFORE INSTALLING THE BASE LAYER OF COATING
- INSTALL NEW COATING AS PER THE MANUFACTURER`S WRITTEN INSTRUCTIONS AND SPECIFIED RATES.
- PROVIDE A TWO (2) YEAR CONTRACTOR'S WARRANTY.
- NEW METAL COPING CAP AND ACCESSORIES SHALL BE PREFINISHED, SELECTED BY THE OWNER FROM A FULL RANGE OF COLORS INCLUDING PREMIUM AND METALLICS.
- WORK SHALL ALSO INCLUDE ALL HVAC AND ELECTRICAL, PIPING DIS-CONNECT AND RE-CONNECTION.
- INSTALLATION SHALL BE AS PER NRCA, SMACNA, ANSI/SPRI, SPECIFICATIONS, DETAILS AND MANUFACTURER'S GUIDELINES. ALL GAS LINES TO BE TESTED AND CERTIFIED BY A LICENSED PLUMBER.

BASE PROPOSAL 9 – WTAMU PANHANDLE PLAINS HISTORICAL MUSEUM – MODIFIED BITUMEN – ROOF SECTIONS (D, E, & F)

- WORK SHALL INCLUDE REMOVAL OF THE EXISTING ROOF SYSTEM DOWN TO THE LIGHTWEIGHT CONCRETE DECK.
- MECHANICALLY FASTEN A VENTING BASE SHEET TO THE DECK AS PER ASCE 7 CRITERIA.
- PROVIDE A THREE-QUARTER INCH (3/4") PERLITE INSULATION BOARD SET IN SPECIFIED ADHESIVE.
- INSTALL ALL ASSOCIATED CRICKETS SET IN SPECIFIED ADHESIVE AS NOTED ON ROOF PLANS.
- PROVIDE A ONE-HALF INCH (1/2") COVER BOARD SET IN SPECIFIED ADHESIVE.
- PROVIDE A NEW TWO-PLY MODIFIED BITUMEN ROOF SYSTEM SET IN COLD APPLIED ADHESIVE. ALL END AND SIDE LAPS TO BE HOT AIR WELDED.
- PROVIDE A TWENTY (20) YEAR NDL MANUFACTURER`S WARRANTY AND A TWO (2) YEAR CONTRACTOR`S WARRANTY.
- NEW METAL SHALL BE PREFINISHED, SELECTED BY THE OWNER FROM A FULL RANGE OF COLORS.
- WORK SHALL ALSO INCLUDE ALL HVAC AND ELECTRICAL, PIPING DISCONNECT AND RECONNECTION.
- INSTALLATION SHALL BE AS PER NRCA, SMACNA, ANSI/SPRI, SPECIFICATIONS, DETAILS AND MANUFACTURER`S GUIDELINES.
- ALL GAS LINES TO BE TESTED AND CERTIFIED BY A MASTER PLUMBER.

SPECIFIC ROOF NOTES:

1. RAISE ROOF HATCH AS REQUIRED TO MAINTAIN 8" HEIGHT ABOVE ROOF SURFACE.
2. ADD WOODEN NAILERS TO TOP OF PARAPET AS REQUIRED TO PROVIDE A NAILABLE SURFACE FOR THE NEW METAL COPING AND WIND CLEAT.
3. ALL INTERIOR PARAPET WALLS TO HAVE NEW 3/4 " INCH PLYWOOD INSTALLED AND PROPERLY FASTENED TO THE VERTICAL SURFACE IN ORDER TO RECEIVE THE NEW FLASHING MEMBRANE AS DETAILED.
4. 24 GAUGE PREFINISHED METAL COPING SHALL BE INSTALLED UTILIZING A LOW-PROFILE STANDING SEAM AS DETAILED .
5. INSTALL ONE-HALF INCH PER FOOT CRICKETS TO PROVIDE POSITIVE SLOPE TO THE EXISTING DRAINS.
6. PROVIDE AN ADDITIONAL PLY OF THE FINISH PLY MEMBRANE UNDER ALL NEW PIPE SUPPORT STANDS. ALL GAS LINES TO BE PAINTED YELLOW.
7. ALL NEW AND EXISTING DRAIN ACCESSORIES TO BE PAINTED RED.
8. VERIFY IN WRITING TO PROJECT MANAGER THAT ALL DRAINS AND LINES ARE FREE FLOWING AND WATERTIGHT PRIOR TO SUBSTANTIAL COMPLETION.
9. INSTALL NEW COPPER CONDUCTOR HEADS AND DOWNSPOUTS.
10. INSTALL NEW TAPERED INSULATION SYSTEM IN ORDER TO PROVIDE POSITIVE SLOPE TO THE DRAINAGE.
11. PROVIDE DECK INFILL AT EXISTING ABANDONED CURB. PROVIDE ADDITIONAL FRAMING AS REQUIRED TO SUPPORT NEW METAL DECK. DECK TYPE TO MATCH EXISTING STYLE, SIZE AND PROFILE.
12. REMOVE AND REPLACE ANY BROKEN SKYLIGHT PANELS.
13. ENSURE ALL BASE FLASHING AND THRU WALL FLASHING MEET THE MINIMUM 8" INCH REQUIREMENTS.
14. RAISE EQUIPMENT CURBS AS NEEDED TO MAINTAIN 12" MINIMUM FLASHING HEIGHT.
15. REMOVE AND REPLACE ALL EXISTING ROOF DRAIN BOWLS AND DOMES.
16. PROVIDE 1/8" PER FOOT CRICKET.
17. CUT BOTTOM OF LADDER AS NECESSARY.
18. INSTALL NEW CAST IRON ROOF DRAINS AND PIPING AS NOTED ON THE ROOF PLAN.
19. CAP CHIMNEY WITH 2X NAILERS AND 3/4" PLYWOOD COVERED, WITH HIGH TEMP PEEL AND STICK MEMBRANE AND 24 GAUGE PREFINISHED CAP.
20. ALL WALL JOINT ABOVE FINISHED ROOF LINE TO BE GRINDED OUT. INSTALL NEW BACKER RD AND RE-SEAL.
21. PROVIDE PARAPET TO RISEWALL EXPANSION JOINT AS DETAILED.
22. PROVIDE ROOF TO ROOF EXPANSION JOINT AS DETAILED.
23. PRVIDE ROOF TO RISEWALL EXPANSION JOINT AS DETAILED.

ARMKO INDUSTRIES,INC.
TEXAS REGISTERED ENGINEERING FIRM F-6498
2505 79TH ST., SUITE A
LUBBOCK, TEXAS 79423
(972) 874-1388

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STATE OF TEXAS
DEAN D. BROWN
117506
LICENSED
PROFESSIONAL ENGINEER

ISSUE DATE: 01/20/2026

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ISSUES

Issue For Construction	10/07/2025

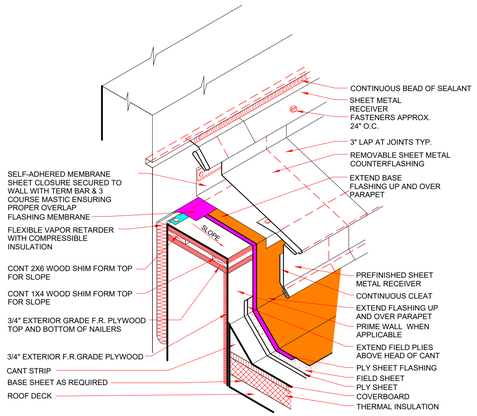
REVISIONS

PROJECT FOR:
WEST TEXAS A&M UNIVERSITY
ROOF REPLACEMENT PROJECT
PANHANDLE PLAINS HISTORICAL MUSEUM
2503 4TH AVE,
CANYON, TX 79015

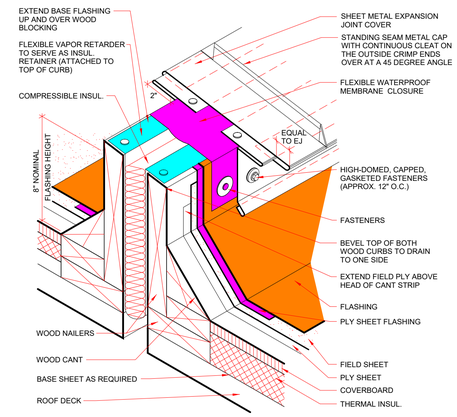
JOB: 25-1183-49
DATE: 10/07/2025
DRAWN BY: AA/JK
CHECKED BY: CB

OVERALL ROOF PLAN - PANHANDLE PLAINS HISTORICAL MUSEUM

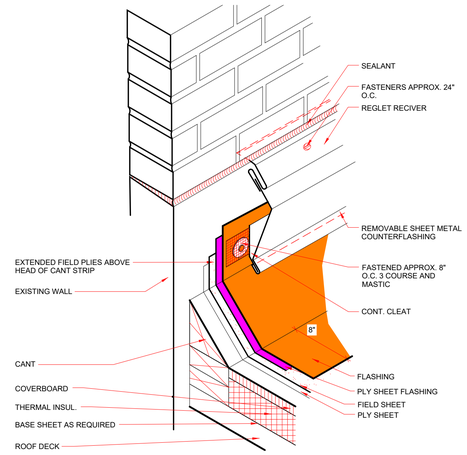
R1.07



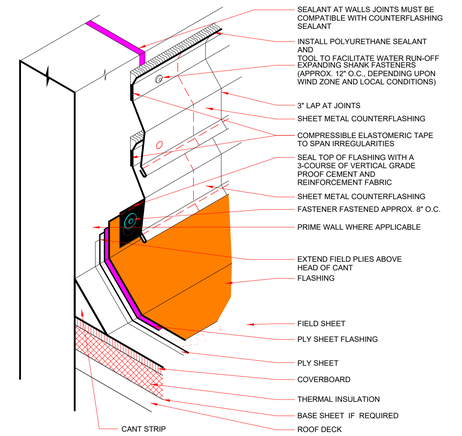
12 PARAPET EXPANSION JOINT TO BRICK RISEWALL
NOT TO SCALE



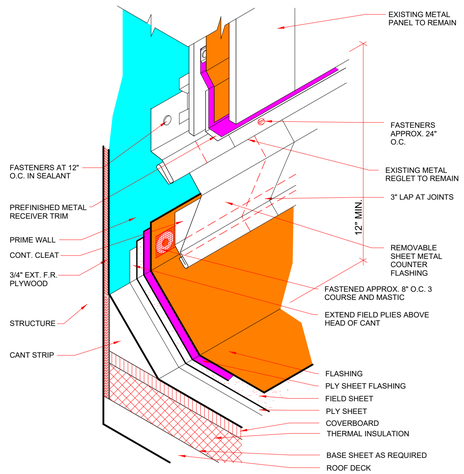
11 FIELD EXPANSION JOINT
NOT TO SCALE



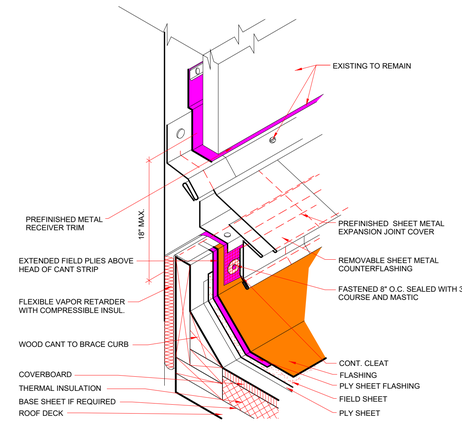
10 RISEWALL - BRICK
NOT TO SCALE



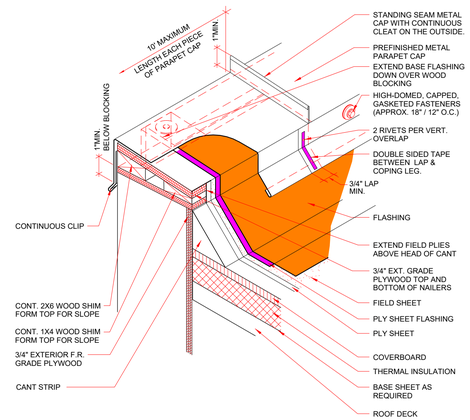
9 RISEWALL - CMU TILT WALL
NOT TO SCALE



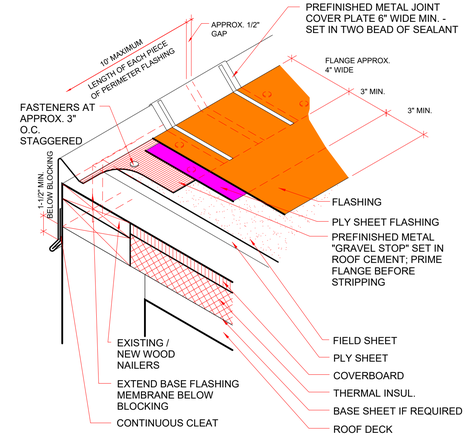
8 RISEWALL - METAL PANEL
NOT TO SCALE



7 RISEWALL - EIFS
NOT TO SCALE



6 RAISED METAL EDGE WITH COPING
NOT TO SCALE



5 METAL EDGE
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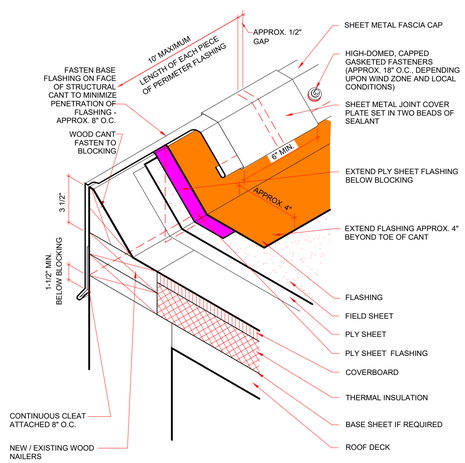
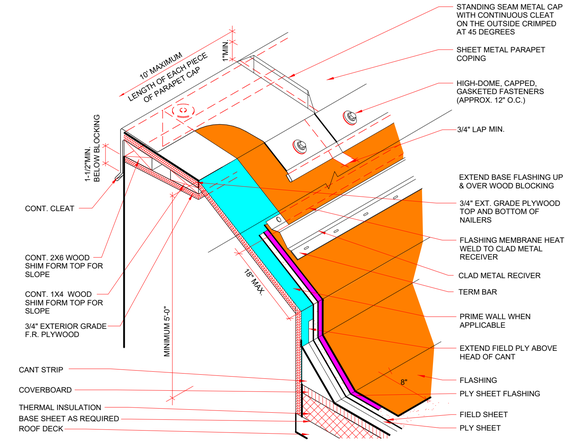
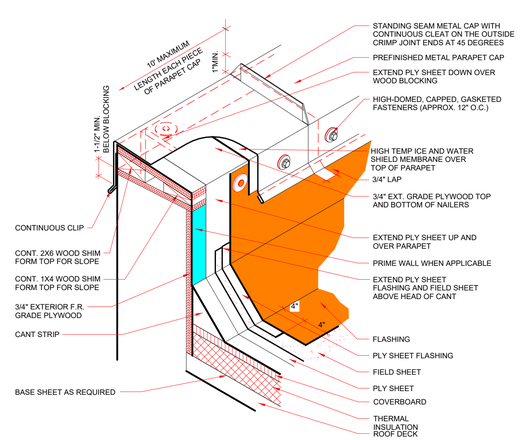


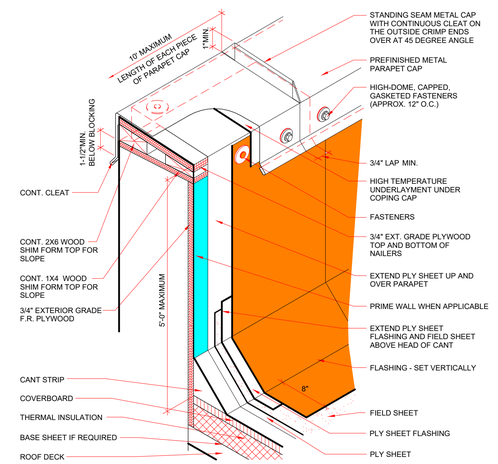
4 RAISED METAL EDGE
NOT TO SCALE



3 TALL SLANTED PARAPET
NOT TO SCALE



2 LOW PARAPET
NOT TO SCALE



1 MEDIUM PARAPET
NOT TO SCALE

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(972) 874-1388

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STATE OF TEXAS
DEAN D. BROWN
117506
LICENSED PROFESSIONAL ENGINEER

ISSUE DATE: 01/20/2026

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ISSUES

	Issue For Construction	10/07/2025

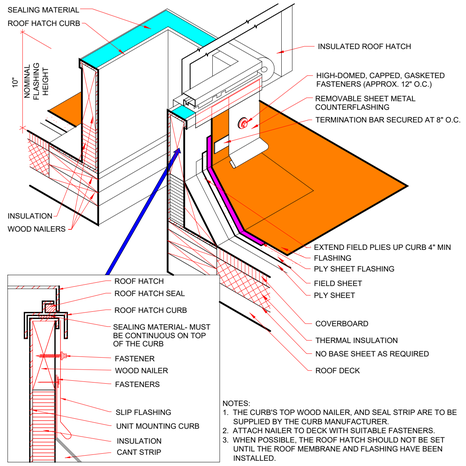
REVISIONS

PROJECT FOR:
WEST TEXAS A&M UNIVERSITY
ROOF REPLACEMENT PROJECT
MULTIPLE BUILDINGS
CANYON, TX 79015

JOB: 25-1183-49
DATE: 10/07/2025
DRAWN BY: AA/JK
CHECKED BY: CB

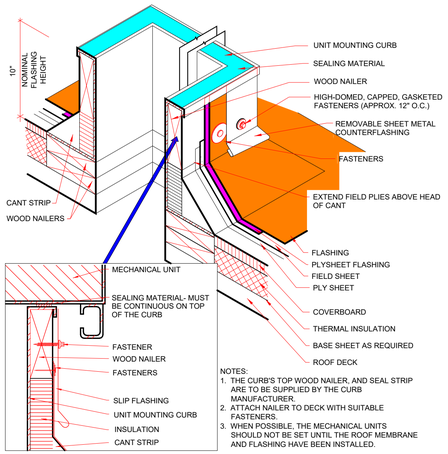
ROOF DETAILS

R2.01



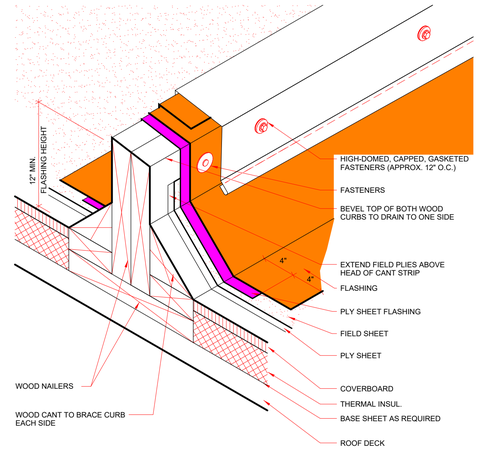
NOTES:
1. THE CURB'S TOP WOOD NAILER, AND SEAL STRIP ARE TO BE SUPPLIED BY THE CURB MANUFACTURER.
2. ATTACH NAILER TO DECK WITH SUITABLE FASTENERS.
3. WHEN POSSIBLE, THE ROOF HATCH SHOULD NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED.

11 ROOF HATCH
NOT TO SCALE

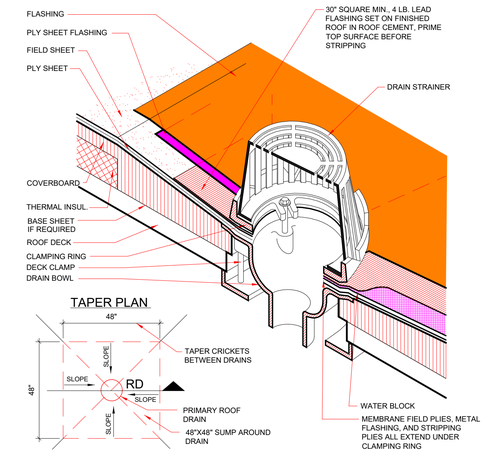


NOTES:
1. THE CURB'S TOP WOOD NAILER, AND SEAL STRIP ARE TO BE SUPPLIED BY THE CURB MANUFACTURER.
2. ATTACH NAILER TO DECK WITH SUITABLE FASTENERS.
3. WHEN POSSIBLE, THE MECHANICAL UNITS SHOULD NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED.

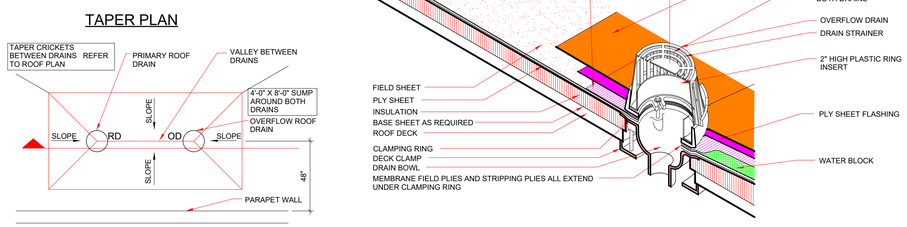
10 MECHANICAL CURB
NOT TO SCALE



9 EQUIPMENT CURB
NOT TO SCALE

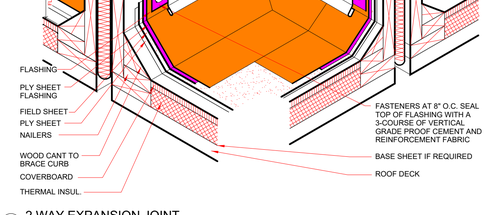


8 PRIMARY DRAIN
NOT TO SCALE

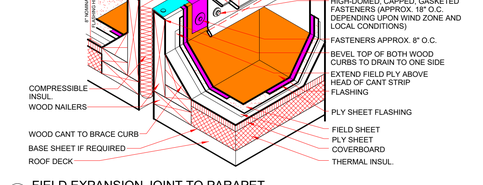


TAPER PLAN

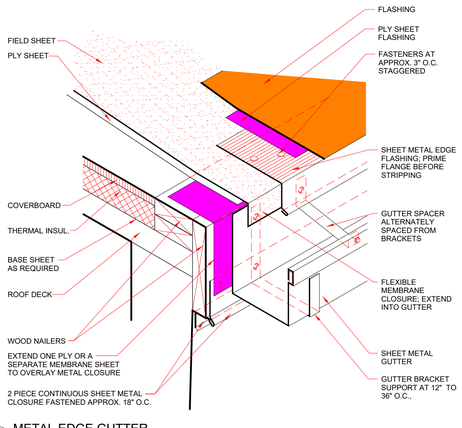
7 PRIMARY AND OVERFLOW DRAINS
NOT TO SCALE



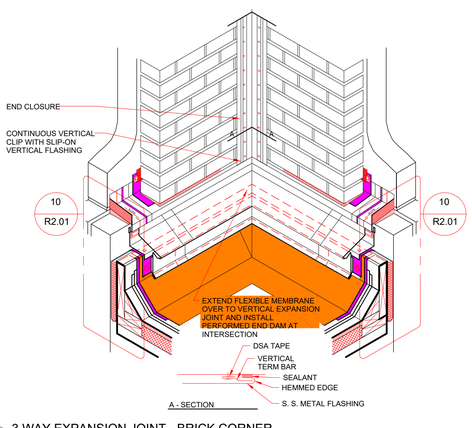
6 PRIMARY SCUPPER
NOT TO SCALE



5 OVERFLOW SCUPPER
NOT TO SCALE



4 METAL EDGE GUTTER
NOT TO SCALE



3 3 WAY EXPANSION JOINT - BRICK CORNER
NOT TO SCALE

2 2 WAY EXPANSION JOINT
NOT TO SCALE

1 FIELD EXPANSION JOINT TO PARAPET
NOT TO SCALE

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117508
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ISSUES

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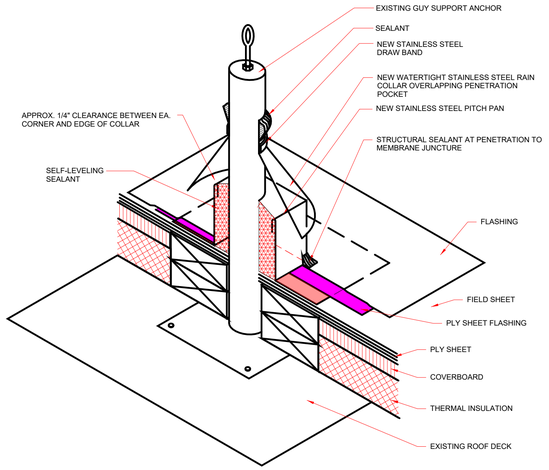
REVISIONS

PROJECT FOR:
WEST TEXAS A&M UNIVERSITY
ROOF REPLACEMENT PROJECT
MULTIPLE BUILDINGS
CANYON, TX 79015

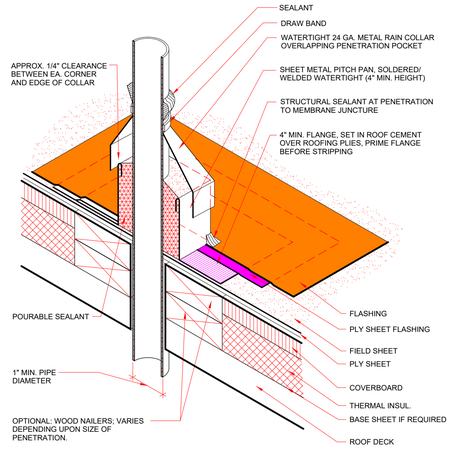
JOB: 25-1183-49
DATE: 10/07/2025
DRAWN BY: AA/JK
CHECKED BY: CB

ROOF DETAILS

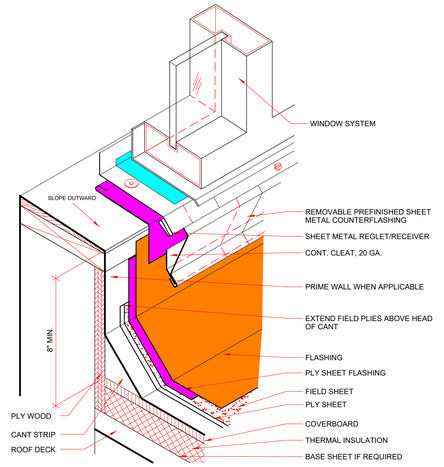
R2.02



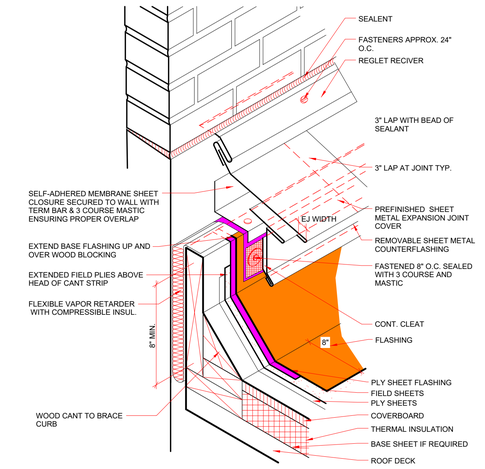
12 RISEWALL AT WINDOW
NOT TO SCALE



11 PITCH PAN
NOT TO SCALE

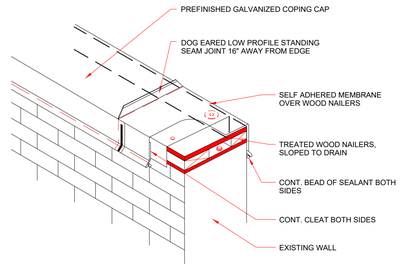


10 RISEWALL AT WINDOW
NOT TO SCALE



9 RISEWALL EXPANSION JOINT - BRICK
NOT TO SCALE

8 ROOF DUCT
NOT TO SCALE



7 COPING CAP
NOT TO SCALE

6 DECK INFILL 24"-60"
NOT TO SCALE

5 DECK INFILL 24" AND LESS"
NOT TO SCALE

4 HOT STACK
NOT TO SCALE

3 PIPE BOX
NOT TO SCALE

2 VENT STACK
NOT TO SCALE

1 SKYLIGHT KALWALL
NOT TO SCALE

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ROOF DETAILS

R2.03