LAKEFRONT AIRPORT
WILLIAMS TAYLOR HANGAR
ROOF REPLACEMENT
6001 STARS AND STRIPES BLVD.
NEW ORLEANS, LOUISIANA 70126

PROJECT TEAM

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NEW ORLEANS, LA. 70126
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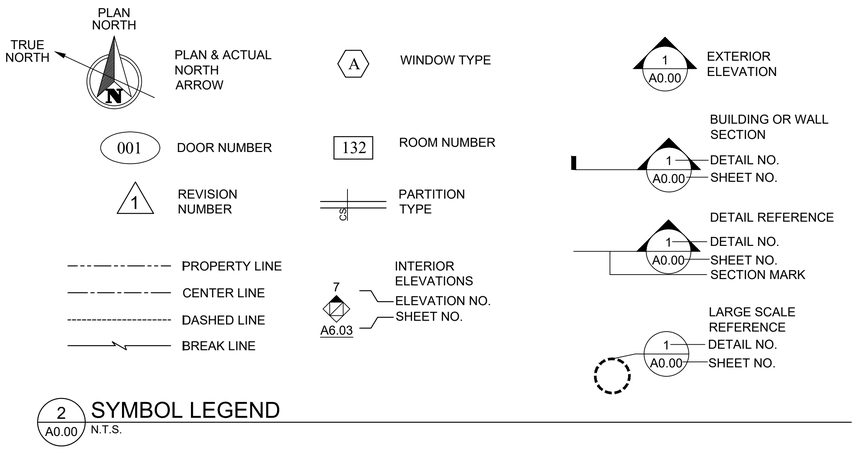
INDEX OF DRAWINGS



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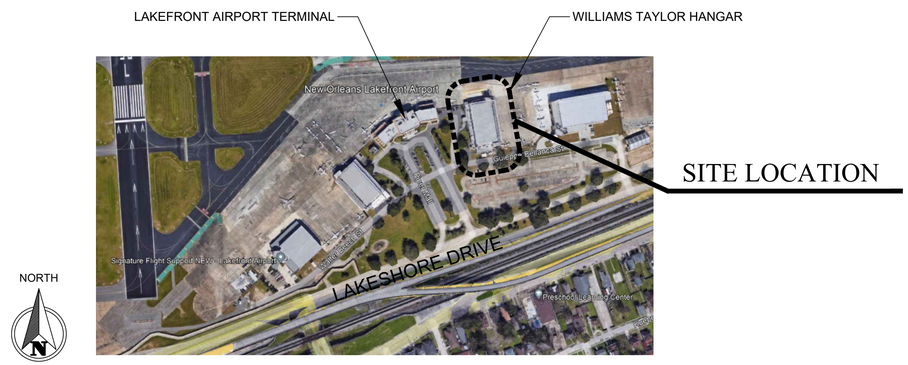

1 A0.00 VICINITY MAP N.T.S.

SITE LOCATION

RCL ARCHITECTURE, L.L.C.
900 W. Causeway Approach
Mandeville, LA 70471
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RCLA
Project Number: 22236
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BID DOCUMENT
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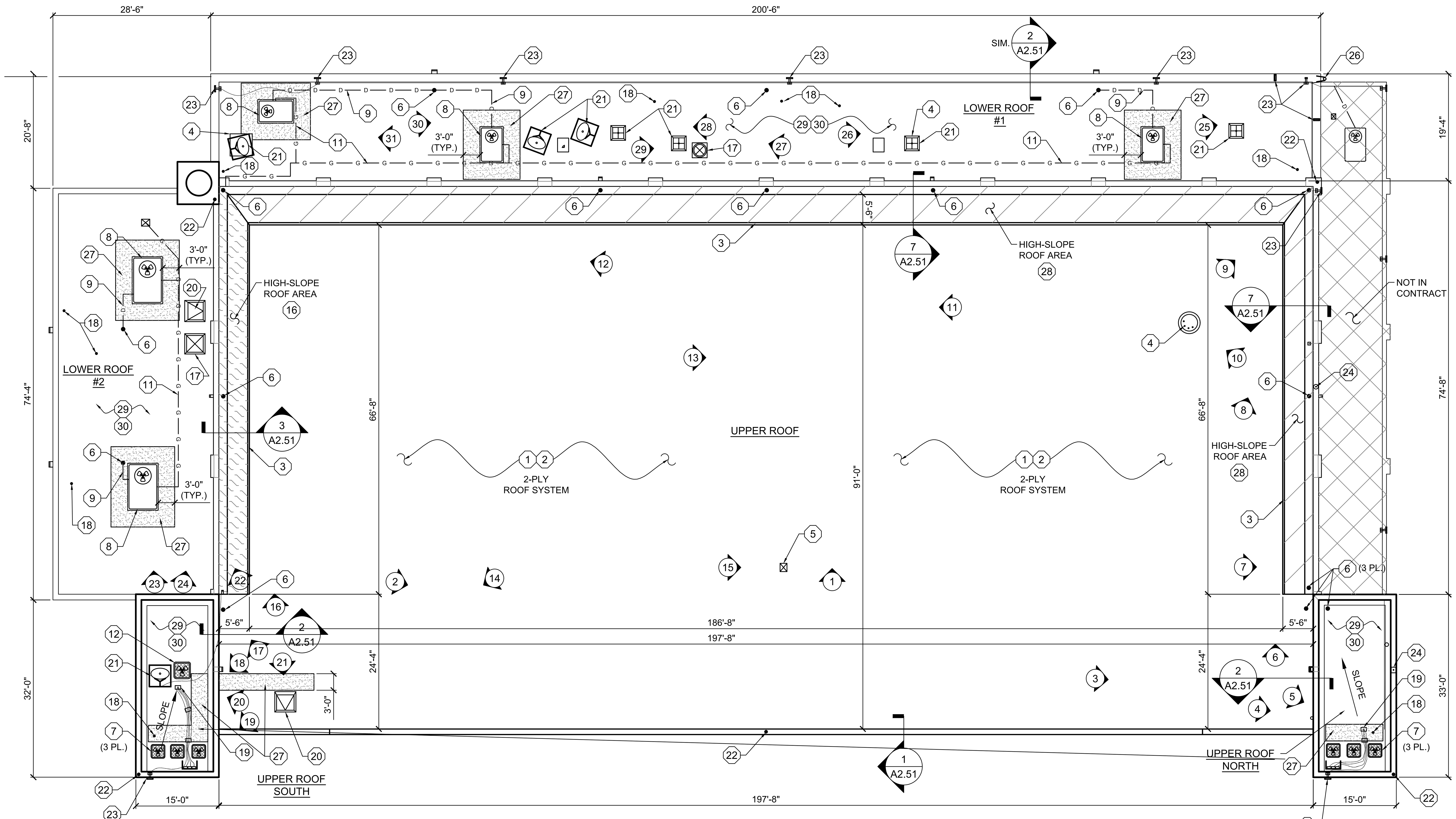
NEW ORLEANS, LA

COVER SHEET

Sheet Number:
A0.00



1 A2.01 **ROOF PLAN VIEW**
SCALE: 3/32" = 1'-0"

PLAN NORTH
TRUE NORTH

GENERAL NOTES:

1. THESE DRAWINGS ARE PROVIDED FOR INFORMATION AND ESTIMATING PURPOSE ONLY. ALL REQUIRED WORK MAY NOT BE INDICATED. IT SHALL BE THE RESPONSIBILITY OF EACH BIDDER TO EXAMINE THE SITE , VERIFY ALL DIMENSIONS AND REVIEW EXISTING CONDITIONS IN ORDER TO FULLY UNDERSTAND THE SCOPE OF THE WORK.
2. THE WORK REQUIRED UNDER THIS CONTRACT SHALL BE PERFORMED AT SUCH TIMES AND IN SUCH A MANNER AS TO CAUSE THE LEAST POSSIBLE INTERFERENCE WITH AIRPORT OPERATIONS.
3. THE FACILITY MAY BE OCCUPIED BY THE OWNER DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE ALL TEMPORARY DISRUPTION OF SERVICES AND DELIVERY TIMES WITH THE OWNER. THE OWNER, CONTRACTOR AND AIRPORT OFFICIALS SHALL MEET TO ESTABLISH SUITABLE GUIDELINES FOR DEALING WITH NOISY OR DISRUPTIVE ACTIVITIES.
4. CONTRACTOR SHALL COORDINATE WITH THE OWNER AND AIRPORT OFFICIALS AS TO THE EXACT LOCATION OF THE STAGING AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ANY MATERIALS STORED ON THE JOB SITE. IT IS THE CONTRACTOR'S OPTION IF SECURE TEMPORARY FENCING IS USED. THE OWNER BEARS NO RESPONSIBILITY FOR THE PROTECTION OF ANY MATERIALS STORED AT SITE.
5. CONTRACTOR'S FORCES ARE TO PARK IN DESIGNATED PARKING AREAS DETERMINED BY THE OWNER AND AIRPORT OFFICIALS PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR WILL BE REQUIRED TO COMPLY FULLY WITH THE WORK LIMITATIONS LISTED AND AS CONTAINED IN THE SPECIFICATIONS. IN ADDITION, THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL SAFETY DIRECTIVES ISSUED DURING CONSTRUCTION, AS THE SAFETY OF AIRCRAFT AND PERSONNEL IS VERY IMPORTANT.

PLAN NOTES:

1. SEE SHEETS A2.02 AND A2.03 FOR EXISTING ROOF PHOTOS.
2. HIGH-SLOPE ROOF WITH PRECAST CONCRETE PANELS TO BE REMOVED.
3. HIGH-SLOPE ROOF WITH EXISTING METAL PANELS TO BE REMOVED.
4. NOT IN CONTRACT.

GENERAL NOTES (CONT'D.):

7. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OR INSTALLATION OF BUILDING COMPONENTS.
8. THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR UNCLEAR INFORMATION GIVEN ON THE CONSTRUCTION DOCUMENTS PRIOR TO ANY WORK BEING EXECUTED.
9. SIPLAST ROOFING SYSTEMS WAS THE BASIS OF DESIGN FOR THIS PROJECT.
10. DISTRIBUTE WEIGHT OF NEW ROOFING MATERIALS ACROSS EXISTING STRUCTURE.
11. MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES.
12. CONTRACTOR IS TO CLEAN ALL CONSTRUCTION DEBRIS AT THE END OF EACH DAY. ALL ROOFING DEBRIS, NAILS AND TRASH SHALL BE DISPOSED OF AND BUILDING MATERIALS PROTECTED AND STORED.
13. CONTRACTOR TO PROVIDE ONSITE PORT-O-LET FOR THE DURATION OF THE JOB. HANGAR FACILITIES WILL NOT BE USED BY THE CONTRACTOR'S FORCES AT ANY TIME.
14. NO SMOKING IS ALLOWED ON AIRPORT PROPERTY. EATING SHALL BE CONFINED TO THE STAGING AREA.
15. CONTRACTOR WILL USE CAUTION TAPE TO CORDON OFF THE AREA BELOW THE ROOF WHERE WORK IS BEING PERFORMED. EXTEND CAUTION TAPE A MINIMUM OF 15'-0" OUT FROM EDGE OF ROOF.
16. CONTRACTOR SHALL SUPPORT AND PROTECT HVAC UNITS INCLUDING ELECTRICAL CONDUITS AND WIRES DURING THE REMOVAL OF EXISTING ROOF SYSTEM AND DURING THE INSTALLATION OF NEW ROOF SYSTEM.
17. GENERAL CONTRACTOR SHALL TAKE ALL POSSIBLE PRECAUTIONS AGAINST DAMAGING ANY EXISTING CONSTRUCTION THAT IS TO REMAIN. ALL DAMAGES CAUSED BY THE OPERATIONS OF THIS CONTRACT SHALL BE REPAIRED AT THAT CONTRACTORS EXPENSE TO THE COMPLETE SATISFACTION OF THE OWNER.
18. SUPERINTENDENT SHALL DOCUMENT ALL JOB ACTIVITY IN DAILY REPORTS TRANSMITTED WEEKLY TO THE ARCHITECT.

EXISTING PRECAST CONCRETE PANEL DEMO NOTES:

D1. DEMOLITION OF EXISTING WORK SHALL BE DONE IN SUCH A MANNER THAT IT WILL NOT INTERFERE WITH NORMAL OPERATION OF THE HANGAR OFFICE, PILOTS LOUNGE, ETC. DEMOLITION SHALL BE CONTAINED TO THE HANGAR AREA.
D2. CONTRACTOR TO REMOVE PRECAST CONCRETE ROOF PANELS IN ROOF OVER HANGAR. STRUCTURAL STEEL TO REMAIN.
D3. CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM THE SITE DAILY.
D4. PROVIDE FLOOR PROTECTION COVERINGS AS REQUIRED TO PREVENT DAMAGE TO EXISTING FLOOR COVERINGS AND FINISHES TO REMAIN THROUGHOUT ALL CONSTRUCTION AND DEMOLITION ACTIVITY.
D5. ERECT AND MAINTAIN TEMPORARY CONSTRUCTION BARRIERS. COORDINATE LOCATIONS WITH OWNER AND AIRPORT OFFICIALS, CONSTRUCTION DOCUMENTS AND PROJECT PHASING.
D6. GENERAL CONTRACTOR SHALL LOCATE AND TAKE ALL POSSIBLE PRECAUTIONS TO PROTECT ANY SURFACES, HANGAR FLOOR, EXISTING CONSTRUCTION, DRAIN LINES, FANS, UTILITIES AND SPRINKLER PIPES / HEADS PRIOR TO STARTING ANY DEMOLITION. CARE SHALL BE GIVEN SO THAT NO DAMAGE WILL OCCUR TO THE REMAINING EXISTING ITEMS DURING DEMOLITION OF PRECAST CONCRETE PANELS AND THE INSTALLATION OF NEW ROOF. ALL DAMAGES CAUSED BY THE OPERATIONS OF THIS CONTRACT SHALL BE REPAIRED AT THAT CONTRACTORS EXPENSE TO THE COMPLETE SATISFACTION OF THE OWNER.
D7. SPRINKLER SYSTEM IS TO REMAIN OPERATIONAL THROUGH OUT CONSTRUCTION. ALL DAMAGES CAUSED BY THE OPERATIONS OF THIS CONTRACT SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE TO THE COMPLETE SATISFACTION OF THE OWNER.
D8. CONTRACTOR SHALL SEAL ALL DOOR OPENINGS AND HVAC OPENINGS IN ALL AREAS OF DEMOLITION AND CONSTRUCTION PRIOR TO THE REMOVAL OF EXISTING PRECAST CONCRETE PANELS TO PREVENT DUST MIGRATION TO ADJACENT ROOMS.

ROOF PLAN NOTES:

1. REMOVE EXISTING ROOFING SYSTEM DOWN TO EXISTING W-BEAM STRUCTURAL TRUSSES. REMOVAL INCLUDES CAP AND BASE MEMBRANE PLYS, COVER BOARD, RIGID INSULATION, PRECAST CONCRETE PANELS, EDGE METAL FLASHING, ETC. CONTRACTOR IS TO TAKE PRECAUTION AS NOT TO DAMAGE EXISTING STRUCTURAL SYSTEM OR HANGAR FLOOR.
2. INSTALL A NEW MULTI-PLY SBS-MODIFIED BITUMEN MEMBRANE TORCH DOWN ROOFING SYSTEM OVER A MECHANICALLY FASTENED NEW DEN'S DECK COVER BOARD OVER NEW RIGID INSULATION OVER NEW METAL DECKING AS PER MANUFACTURER'S RECOMMENDATION.
3. NEW PRE-FINISHED SHEET METAL ROOF EDGE SYSTEM AROUND PERIMETER OF ROOF AT THE HIGH-SLOPE ROOF. ATTACH EDGE METAL SECURELY TO NEW TREATED WOOD BLOCKING TO PREVENT OIL CANNING.
4. REMOVE CURBS OF EXISTING CAPPED OFF ROOF OPENING INCLUDING ANY BOLTS, METAL BRACING, ETC. TO BELOW THE ELEVATION OF NEW ROOF DECKING.
5. REMOVE EXISTING PITCH POCKET INCLUDING ANY PIPES, METAL BRACING, ETC. TO BELOW THE ELEVATION OF NEW ROOF DECKING.
6. INSTALL RETROFIT ROOF DRAINS WITH SCREENS, CLAMPING RINGS AND FLASHING AS PER MANUFACTURER'S RECOMMENDATION.
7. SUPPORT EXISTING UPPER ROOF (NORTH AND SOUTH) HVAC UNITS WHEN THE ROOF SYSTEM IS BEING REPLACED. EXISTING MECHANICAL LINES, ELECTRICAL LINES AND SUPPORT BRACKETS TO REMAIN. EXISTING MECHANICAL LINES AND ELECTRICAL LINES WILL BE INDEPENDENTLY SUPPORTED WHEN THE ROOF SYSTEM IS BEING REPLACED. CONTRACTOR IS TO REUSE EXISTING HVAC UNIT BASES. CONTRACTOR IS TO SECURE BASE AND HVAC UNIT TO ROOF. INSTALL WORK PADS AROUND HVAC UNITS.
8. SUPPORT EXISTING LOWER ROOF HVAC UNITS WHEN THE ROOF SYSTEM IS BEING REPLACED. EXISTING CURBS, MECHANICAL LINES, ELECTRICAL LINES AND SUPPORT BRACKETS TO REMAIN. MECHANICAL LINES AND ELECTRICAL LINES WILL BE INDEPENDENTLY SUPPORTED WHEN THE ROOF SYSTEM IS BEING REPLACED. INSTALL ALL NEW ROOF FLASHINGS, CANT STRIPS AND VERAL METAL AROUND HVAC PENETRATIONS. CONTRACTOR IS TO ENSURE CURBS TO MEET HEIGHT REQUIREMENTS OF 8" MIN. FLASHING ON CURBS AS PER ROOFING MANUFACTURER'S RECOMMENDATION. INSTALL WORK PADS AROUND HVAC UNITS.
9. REPLACE HVAC PVC DRAIN LINE PIPING. CONTRACTOR TO RUN DRAIN LINE TO EXISTING DRAIN. DRAIN LINE TO BE SECURED TO DRAIN AND WILL BE SUPPORTED WITH EXISTING AND NEW BLOCKING AT 36" O.C.
10. EXISTING ELECTRICAL LINES, CONDUITS AND SUPPORT BRACKETS TO REMAIN. REMOVE AND REINSTALL AFTER DEMOLITION OF EXISTING ROOF AND INSTALLATION OF NEW ROOF. CONTRACTOR TO ENSURE THAT ELECTRICAL LINES WILL BE INDEPENDENTLY SUPPORTED WHEN THE ROOF SYSTEM IS BEING REPLACED. CONTRACTOR IS TO HAVE ELECTRICIAN DE-ENERGIZE POWER BEFORE REMOVING AND REINSTALLING ELECTRICAL BOX. CONTRACTOR IS TO REUSE EXISTING SUPPORT BRACKETS.
11. EXISTING MECHANICAL LINES AND SUPPORT BRACKETS TO REMAIN. CONTRACTOR TO ENSURE THAT MECHANICAL LINES WILL BE INDEPENDENTLY SUPPORTED WHEN THE ROOF SYSTEM IS BEING REPLACED. CONTRACTOR IS TO REUSE EXISTING SUPPORT BRACKETS.
12. REMOVE ABANDONED HVAC UNIT AND DISPOSE OF PROPERLY.
13. REMOVE AND PROPERLY DISPOSE OF EXISTING METAL WALL PANELS AT PARAPET WALL. REPLACE WITH NEW "R" PANEL METAL WALL PANELS, ACCESSORIES, ETC. FOR A COMPLETE WALL SYSTEM AS PER ROOFING MANUFACTURER'S RECOMMENDATION.
14. REPLACE METAL COPING ON TOP OF PARAPET WALLS. MATCH EXISTING PROFILE AND COLOR. SHEET METAL TO BE 24 GAGE GALVALUME SHEET METAL. SHEET METAL COPING TO BE SHOP FABRICATED.
15. PARAPET WALL. REMOVE AND PROPERLY DISPOSE OF VERAL FLASHING WALL SYSTEM INCLUDING VERAL FLASHING, CANT STRIP, ETC.. EXISTING MASONRY TO REMAIN. REPLACE WITH NEW VERAL WALL FLASHING SYSTEM INCLUDING VERAL FLASHING, CANT STRIP, ACCESSORIES, ETC. FOR A COMPLETE VERAL WALL SYSTEM AS PER ROOFING MANUFACTURER'S RECOMMENDATION.
16. HIGH SLOPE ROOF. REMOVE AND PROPERLY DISPOSE OF VERAL FLASHING ROOF SYSTEM INCLUDING VERAL FLASHING, RIGID INSULATION, CANT STRIP, METAL PANELS, ETC.. EXISTING STEEL STRUCTURE TO REMAIN. INSTALL NEW METAL ROOF DECKING PANELS AND VERAL FLASHING SYSTEM INCLUDING VERAL FLASHING, COVERBOARD, RIGID INSULATION, CANT STRIP, ACCESSORIES, ETC. FOR A COMPLETE VERAL WALL SYSTEM AS PER ROOFING MANUFACTURER'S RECOMMENDATION.
17. REMOVE AND RE-INSTALL ROOF TOP VENTS. CONTRACTOR IS TO ENSURE CURBS TO MEET HEIGHT REQUIREMENTS OF 8" MIN. FLASHING ON CURBS AS PER ROOFING MANUFACTURER'S RECOMMENDATION.
18. INSTALL NEW FLASHING LEAD JACKS AROUND EXISTING ROOF AND PLUMBING VENTS (TYP. UNLESS NOTED OTHERWISE).
19. INSTALL NEW METAL PITCH POCKET PAN, FLASHING AND SEALANT AS PER ROOFING MANUFACTURER'S RECOMMENDATION. ELECTRICAL LINES WILL BE INDEPENDENTLY SUPPORTED WHEN THE ROOF SYSTEM IS BEING REPLACED.
20. REMOVE EXISTING ROOF HATCH COVER, CURBS AND COUNTER FLASHINGS. REINSTALL ROOF HATCH AFTER NEW ROOF SYSTEM AND DECKING IS INSTALLED. PROVIDE NEW ROOF CURBS AND CRICKETS AT ROOF HATCH. CONTRACTOR IS TO ENSURE CURBS TO MEET HEIGHT REQUIREMENTS OF 8" MIN. FLASHING ON CURBS AS PER ROOFING MANUFACTURER'S RECOMMENDATION.
21. REMOVE AND RE-INSTALL ANTENNA. CONTRACTOR TO ENSURE THAT ANTENNA WILL BE INDEPENDENTLY SUPPORTED WHEN THE ROOF SYSTEM IS BEING REPLACED. CONTRACTOR IS TO PLACE ANTENNA WIRE IN CONDUIT AND ATTACH CONDUIT TO PARAPET WALL.
22. INSTALL NEW OBSTRUCTION LIGHTS INCLUDING ELECTRICAL LINES IF NECESSARY. ENSURE THAT OBSTRUCTION LIGHTS ARE IN PROPER WORKING ORDER. CONTRACTOR TO COORDINATE WITH AIRPORT OFFICIALS AS TO PROPER LOCATION TO PLACE OBSTRUCTION LIGHTS. THE OBSTRUCTION LIGHT SHALL BE A 5.5W L180 LED SINGLE LAMP OBSTRUCTION LIGHT. THE BASIS OF DESIGN FOR THE OBSTRUCTION LIGHT IS BY LARSON ELECTRONICS, INC. OR APPROVED EQUAL. THE MODEL NUMBER IS AVL-L810-1X-R-120V-WG. PROVIDE STAND. A 1"Ø x 24" LG. PIPE WELDED TO 1/4"x6"x6" PLATE (GALV. STAND). MOUNT TO TOP OF PARAPET WALL.
23. REMOVE AND REINSTALL FLOOD LIGHTS. ENSURE THAT FLOOD LIGHTS ARE IN PROPER WORKING ORDER.
24. REMOVE AND PROPERLY DISPOSE OF METAL PIPE AND BASE.
25. EXISTING TELEPHONE AND ELECTRICAL LINES TO REMAIN. CONTRACTOR TO ENSURE THAT LINES WILL BE INDEPENDENTLY SUPPORTED WHEN THE NEW ROOF IS BEING REMOVED AND REPLACED. LINES ARE TO BE GATHERED INTO A ORDERLY FASHION. AFTER THE NEW ROOF HAS BEEN INSTALLED, NEATLY ORGANIZE WIRES ON ROOF.
26. REMOVE AND RE-INSTALL FLAG POLE BRACKET.
27. INSTALL NEW ROOF WORK PADS.
28. HIGH SLOPE ROOF. REMOVE AND PROPERLY DISPOSE OF VERAL FLASHING ROOF SYSTEM INCLUDING VERAL FLASHING, RIGID INSULATION, PRECAST CONCRETE PANELS, CANT STRIP, ETC.. EXISTING STEEL STRUCTURE TO REMAIN. INSTALL NEW METAL ROOF DECKING PANELS AND VERAL FLASHING SYSTEM INCLUDING VERAL FLASHING, COVERBOARD, RIGID INSULATION, CANT STRIP, ACCESSORIES, ETC. FOR A COMPLETE VERAL WALL SYSTEM AS PER ROOFING MANUFACTURER'S RECOMMENDATION.
29. REMOVE EXISTING ROOFING SYSTEM DOWN TO EXISTING PRECAST CONCRETE PANELS. PRECAST PANELS TO REMAIN. REMOVAL INCLUDES CAP AND BASE MEMBRANE PLYS, COVER BOARD, RIGID INSULATION, EDGE METAL FLASHING, ETC. CONTRACTOR IS TO TAKE PRECAUTION AS NOT TO DAMAGE EXISTING STRUCTURAL SYSTEM.
30. INSTALL A NEW MULTI-PLY SBS-MODIFIED BITUMEN MEMBRANE TORCH DOWN ROOFING SYSTEM OVER ADHESIVELY FASTENED NEW DEN'S DECK COVER BOARD OVER ADHESIVELY FASTENED NEW TAPERED RIGID INSULATION OVER EXISTING PRECAST CONCRETE PANELS AS PER MANUFACTURER'S RECOMMENDATION.

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NEW ORLEANS, LA

PAUL F. DIMITRIOS — REGISTERED ARCHITECT — STATE OF LOUISIANA

ROOF PLAN VIEW

Sheet Number:
A2.01

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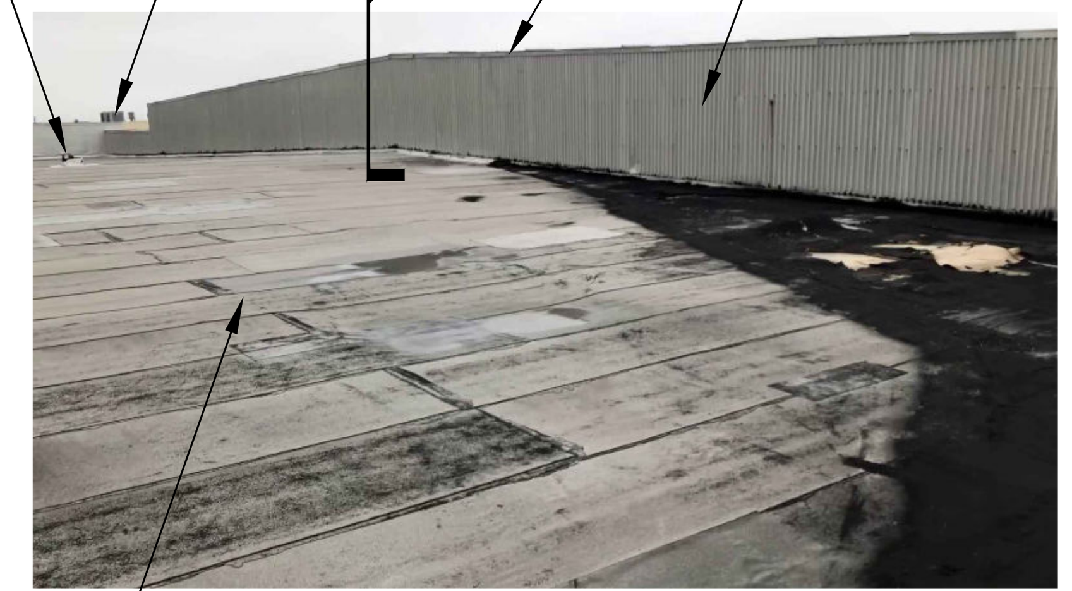

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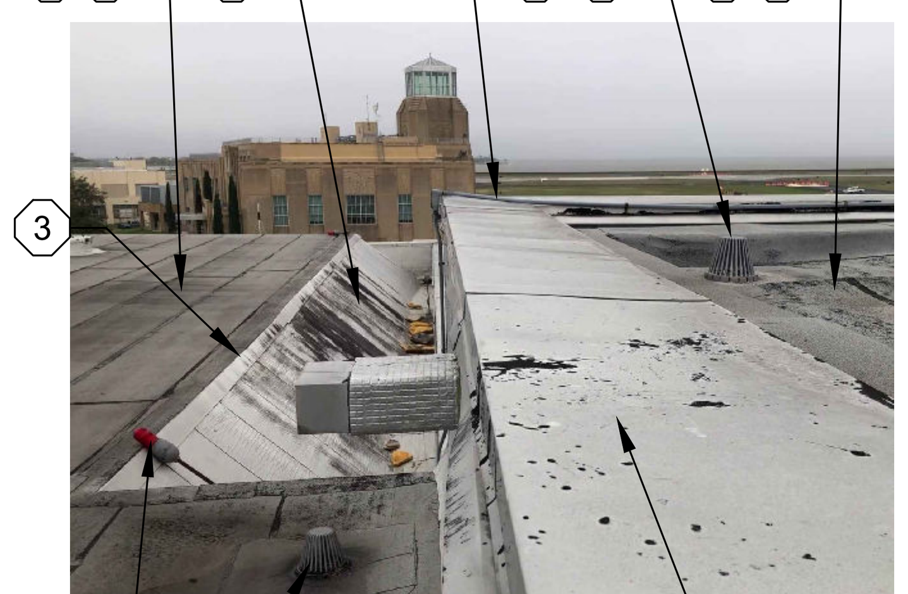

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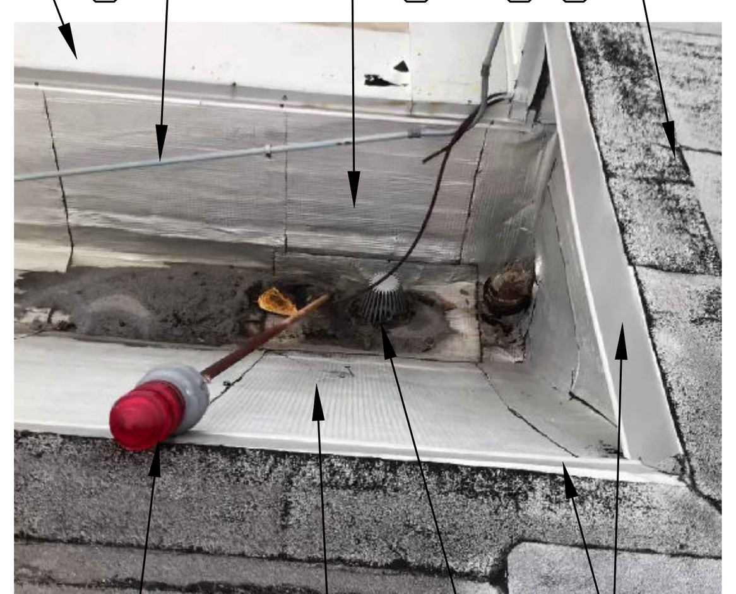

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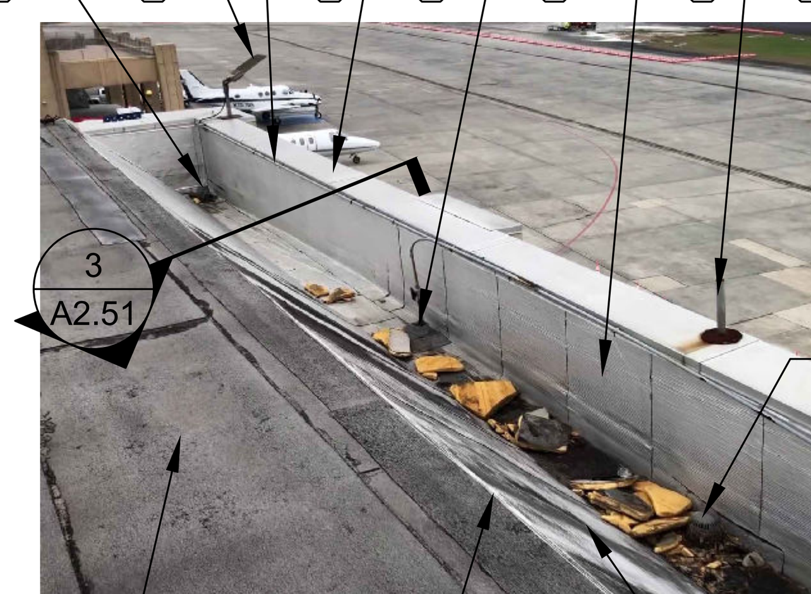

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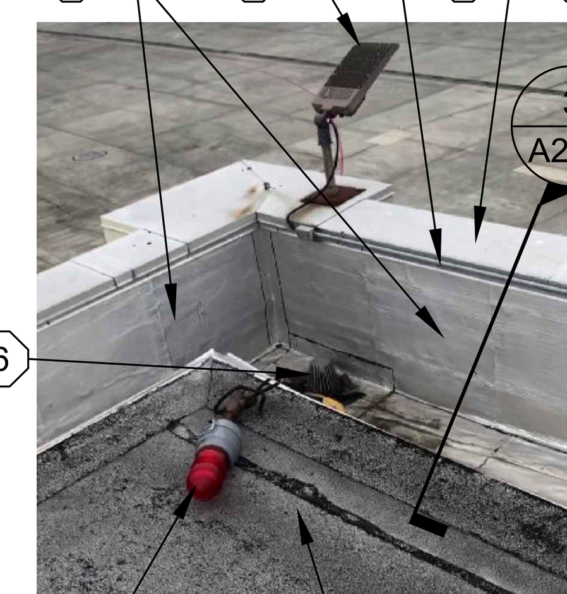

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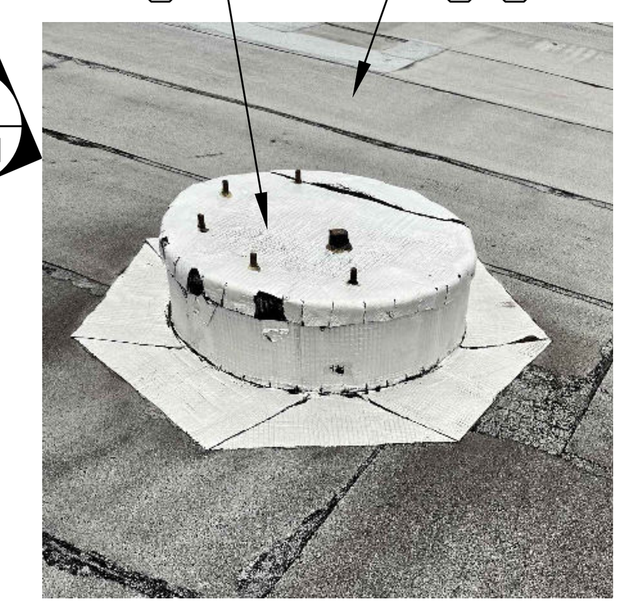

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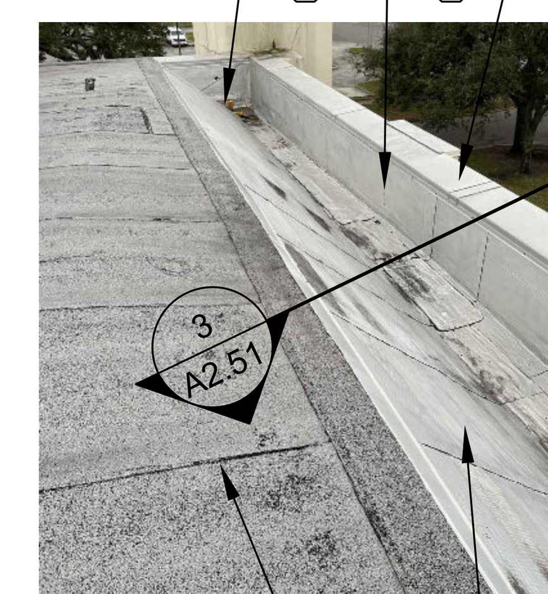

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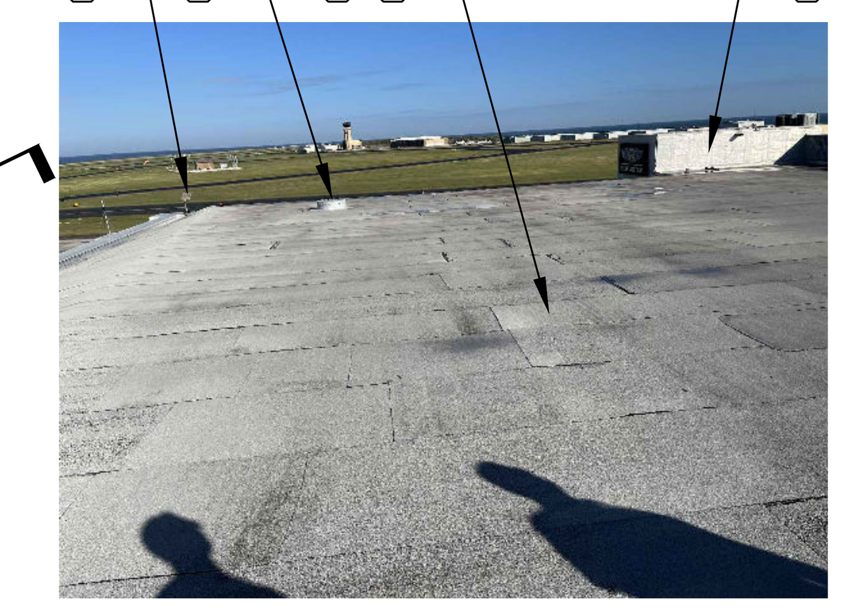

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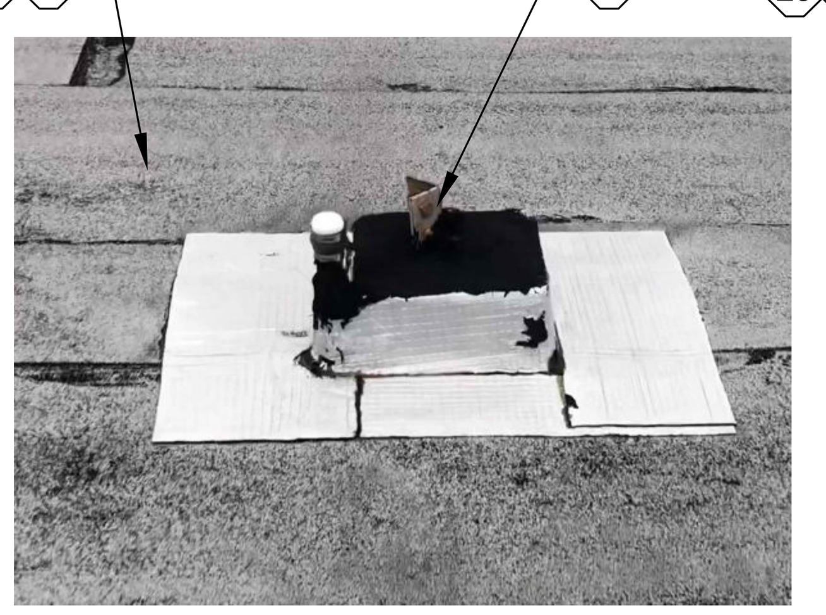

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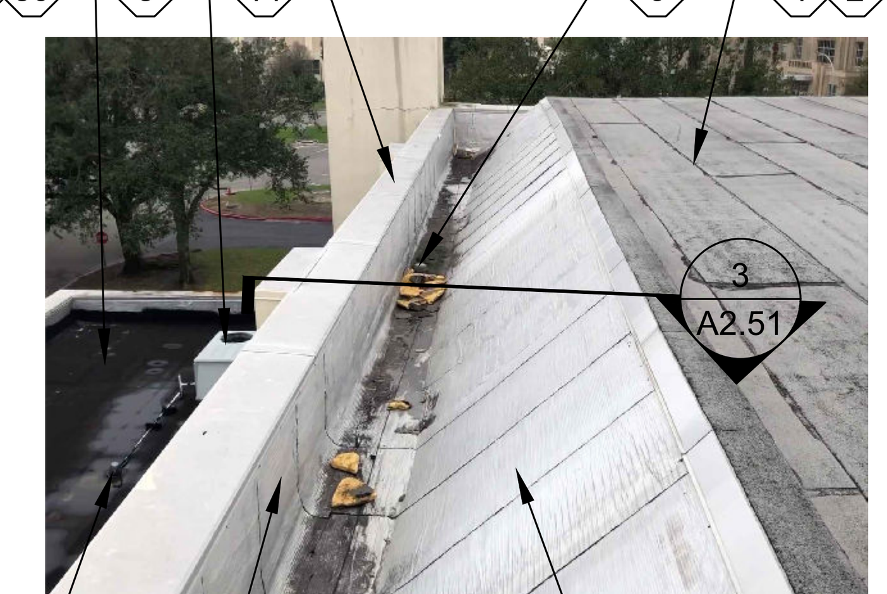

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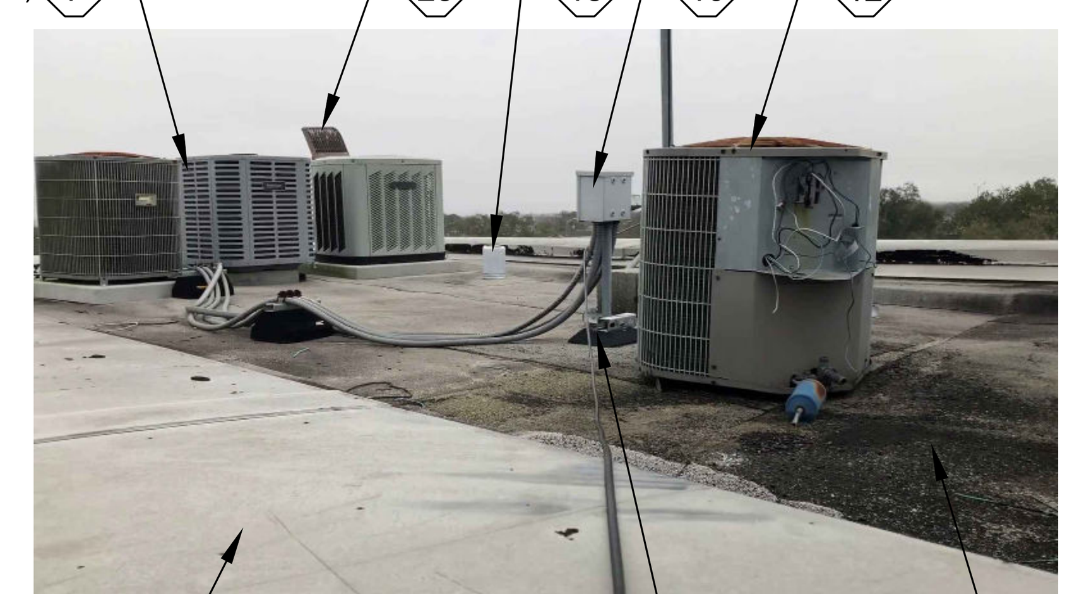

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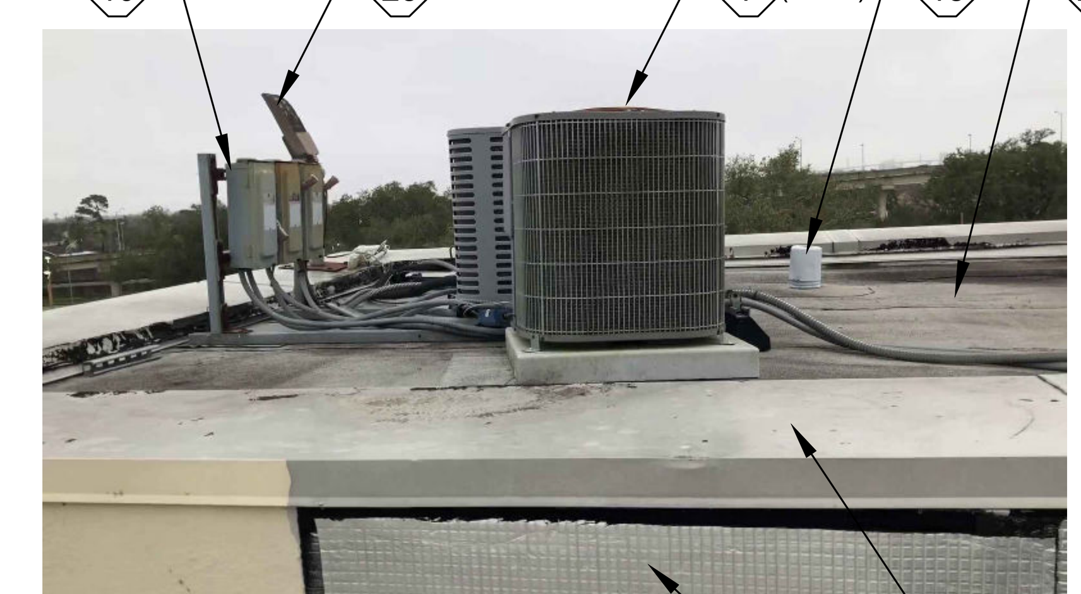

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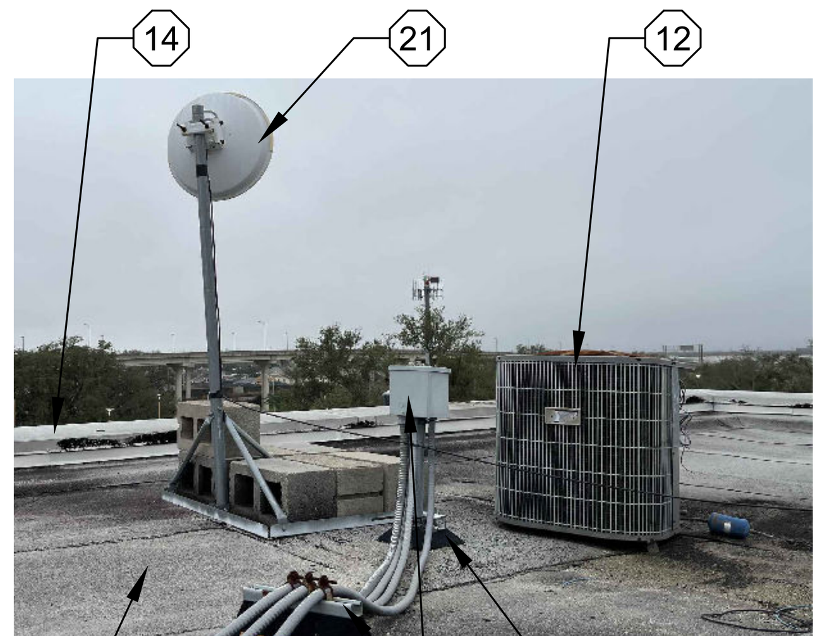

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NOTES:
1. SEE SHEET A2.01 FOR GENERAL NOTES.
2. SEE SHEET A2.01 FOR ROOF PLAN NOTES.
3. SEE SHEET A2.01 FOR DEMOLITION NOTES.
4. SEE SHEET A2.03 FOR ADDITIONAL EXISTING PHOTOS.

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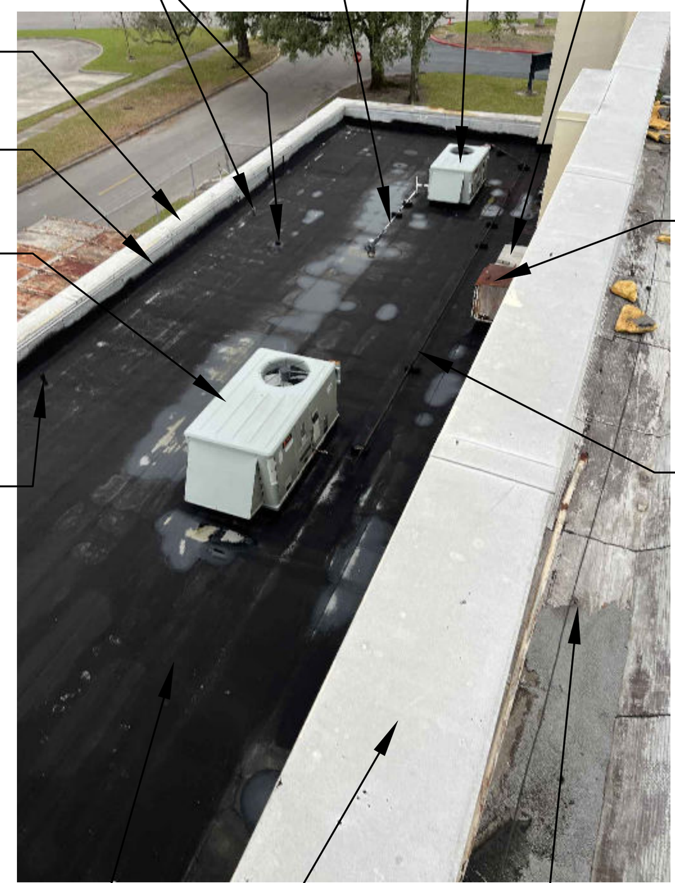
PHOTOS

Sheet Number:
A2.02



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24 PHOTO
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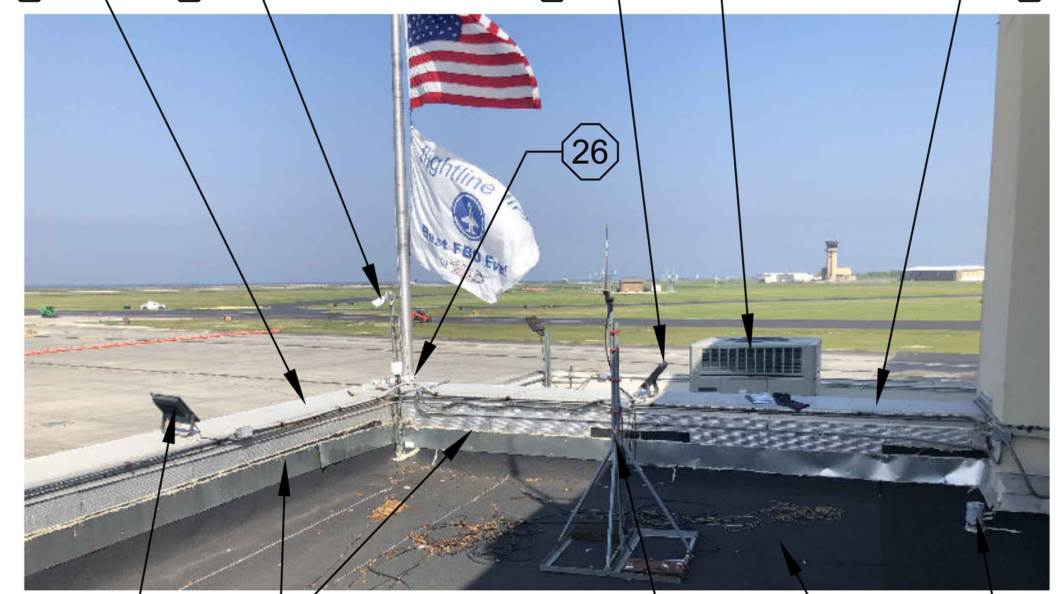

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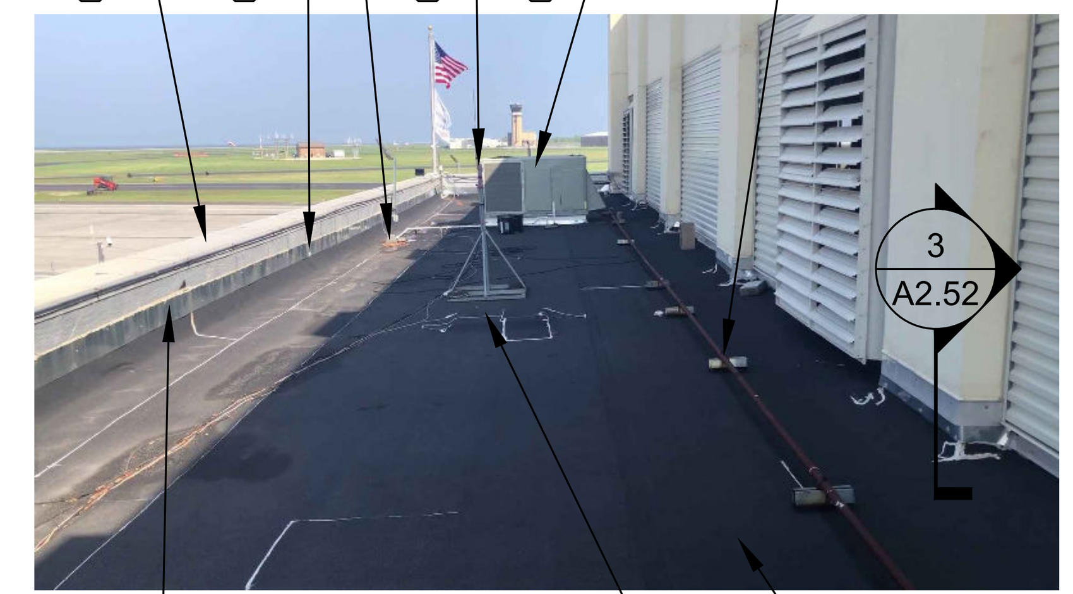

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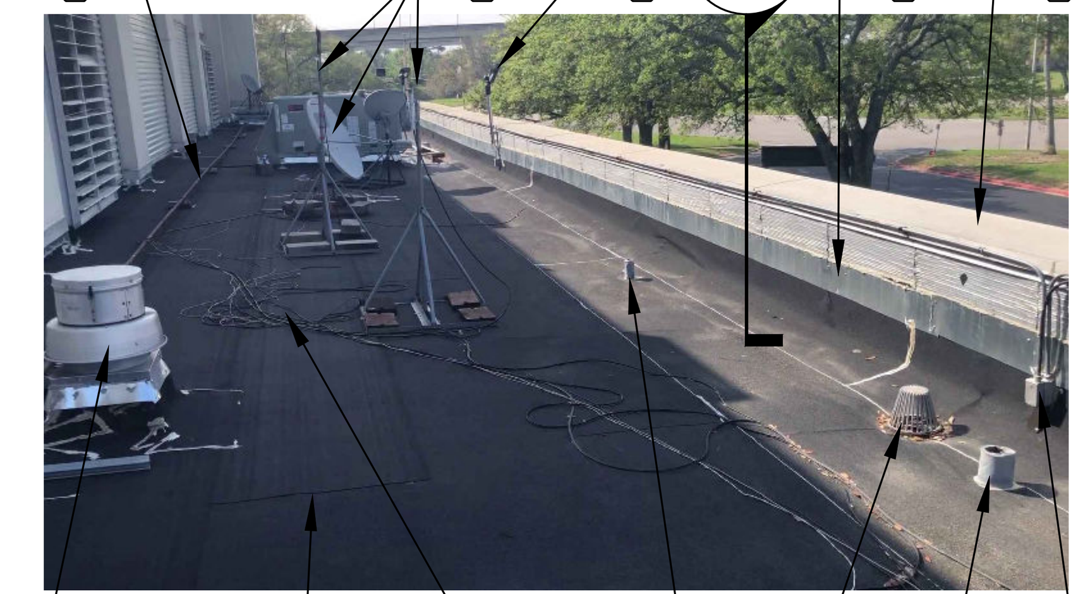

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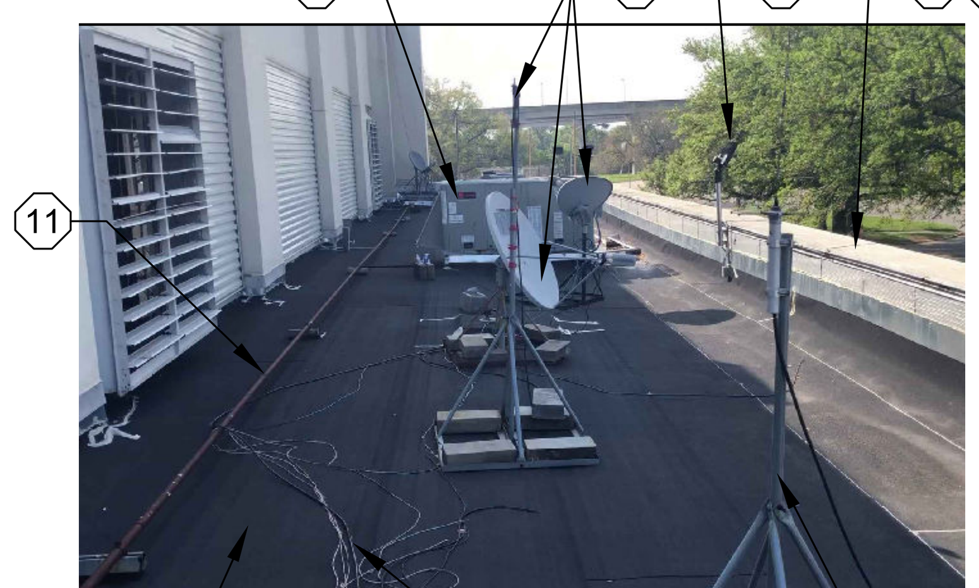
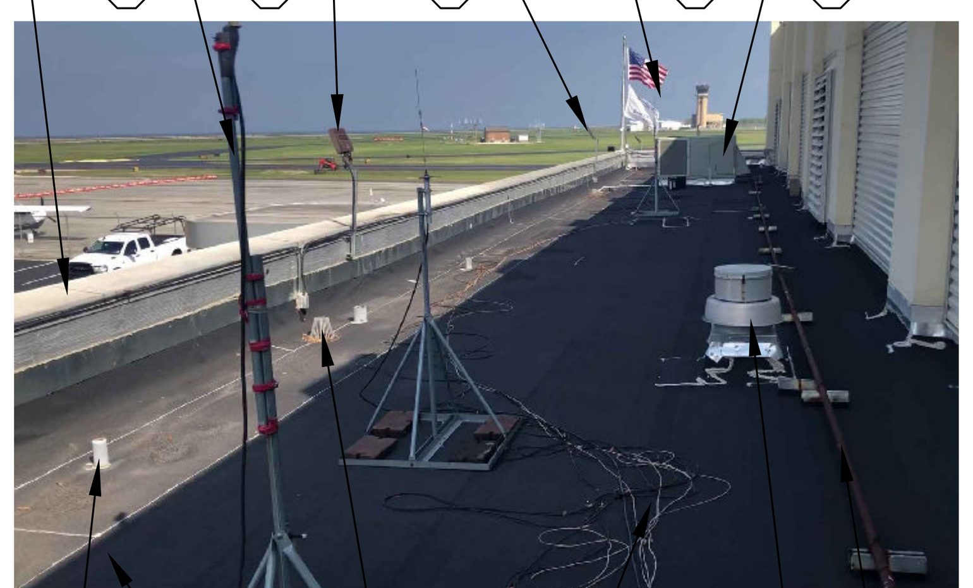
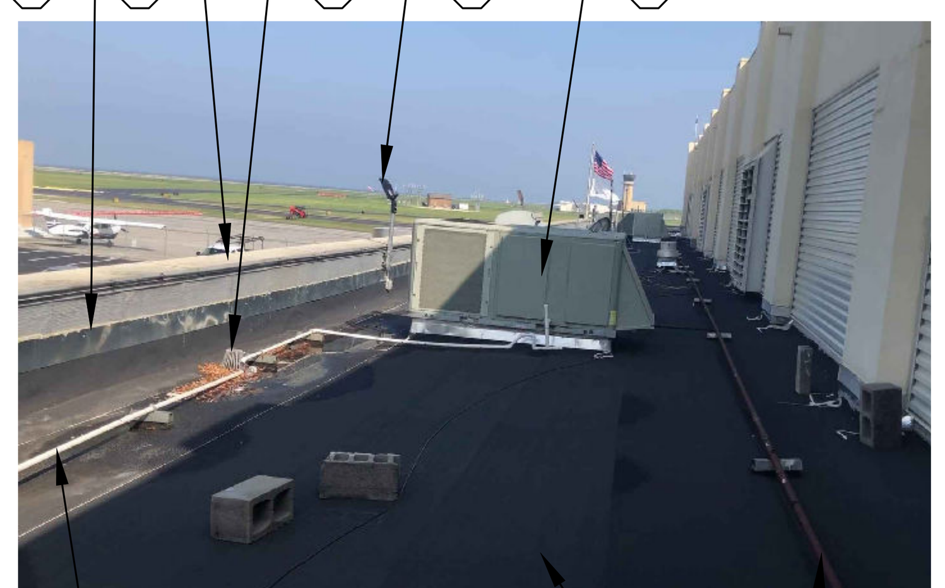


28 PHOTO
A2.03 SCALE: N.T.S.

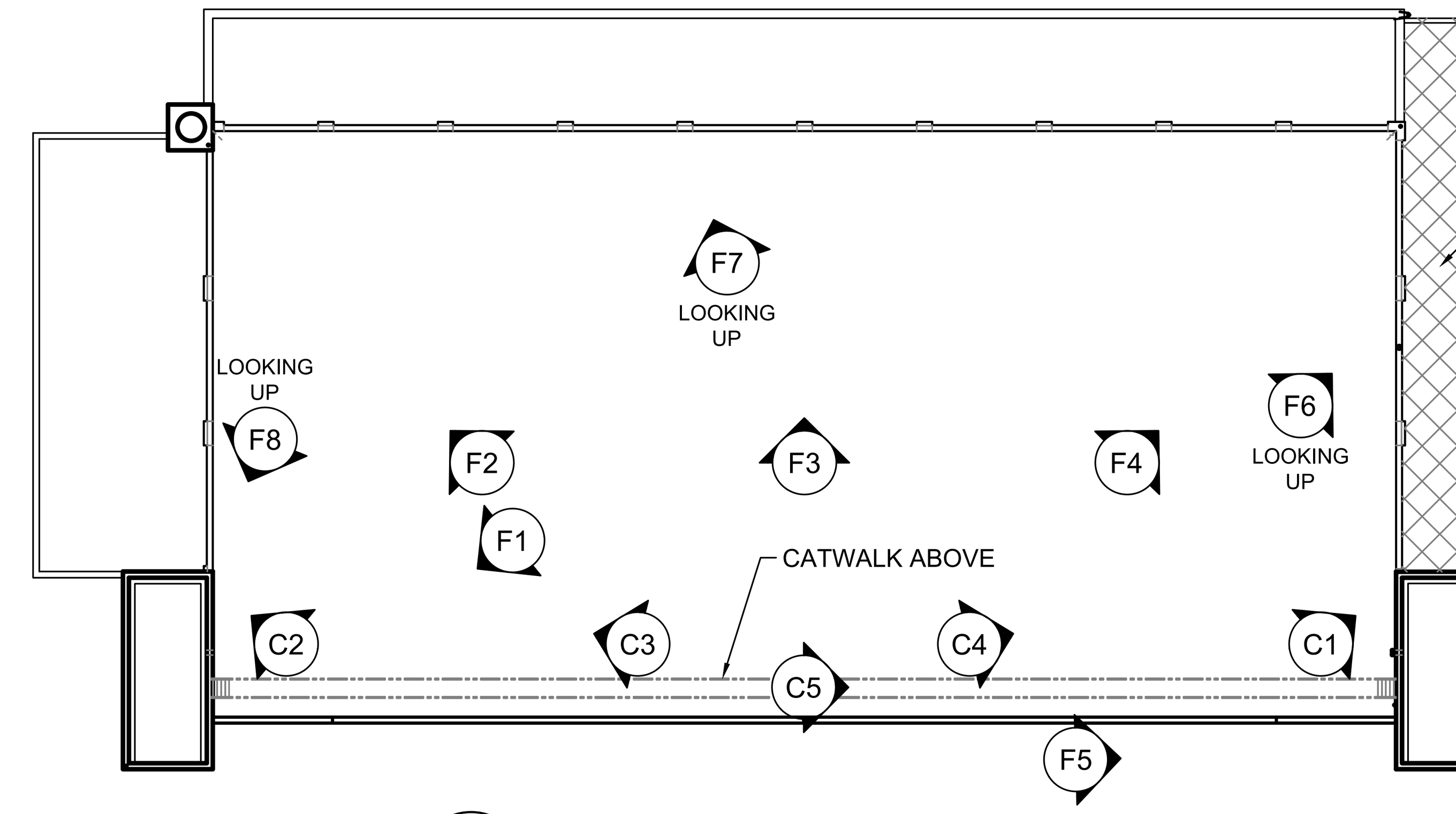


29 PHOTO
A2.03 SCALE: N.T.S.



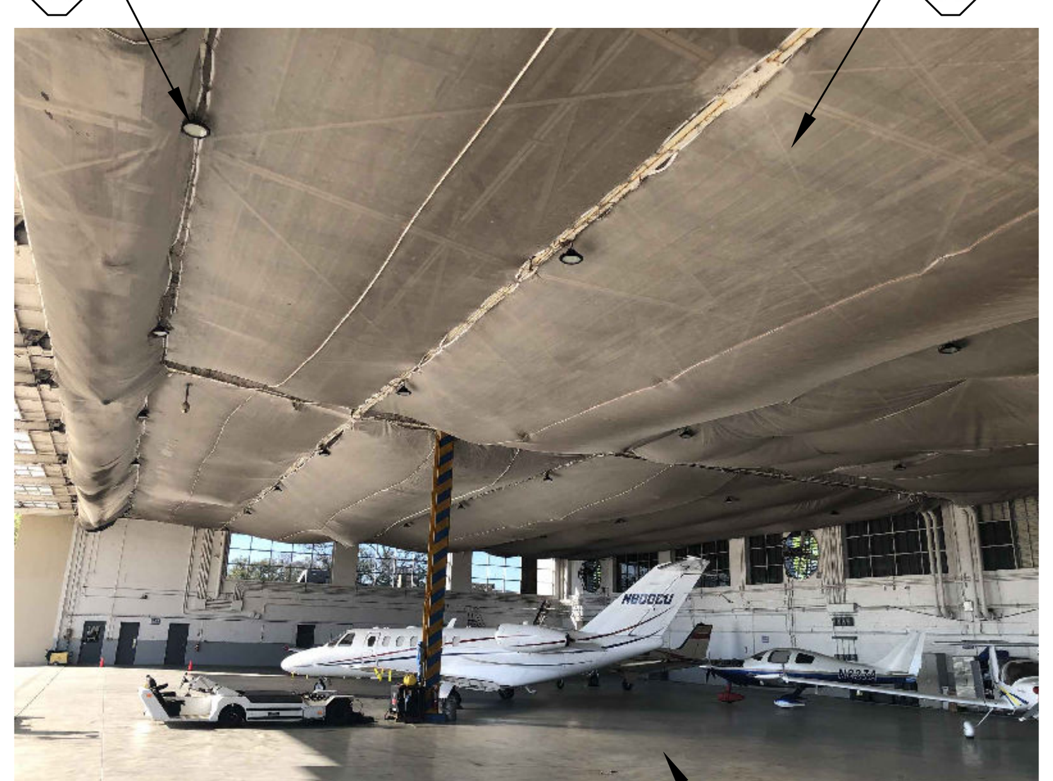
30 PHOTO
A2.03 SCALE: N.T.S.

31 PHOTO
A2.03 SCALE: N.T.S.

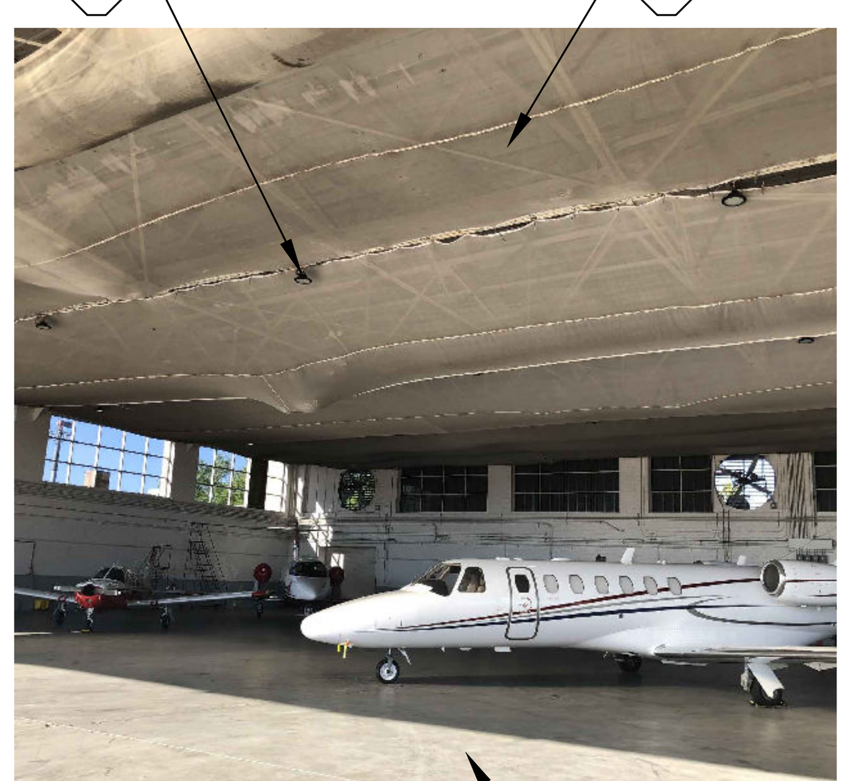


32 HANGAR FLOOR PLAN VIEW
A2.03 SCALE: N.T.S.

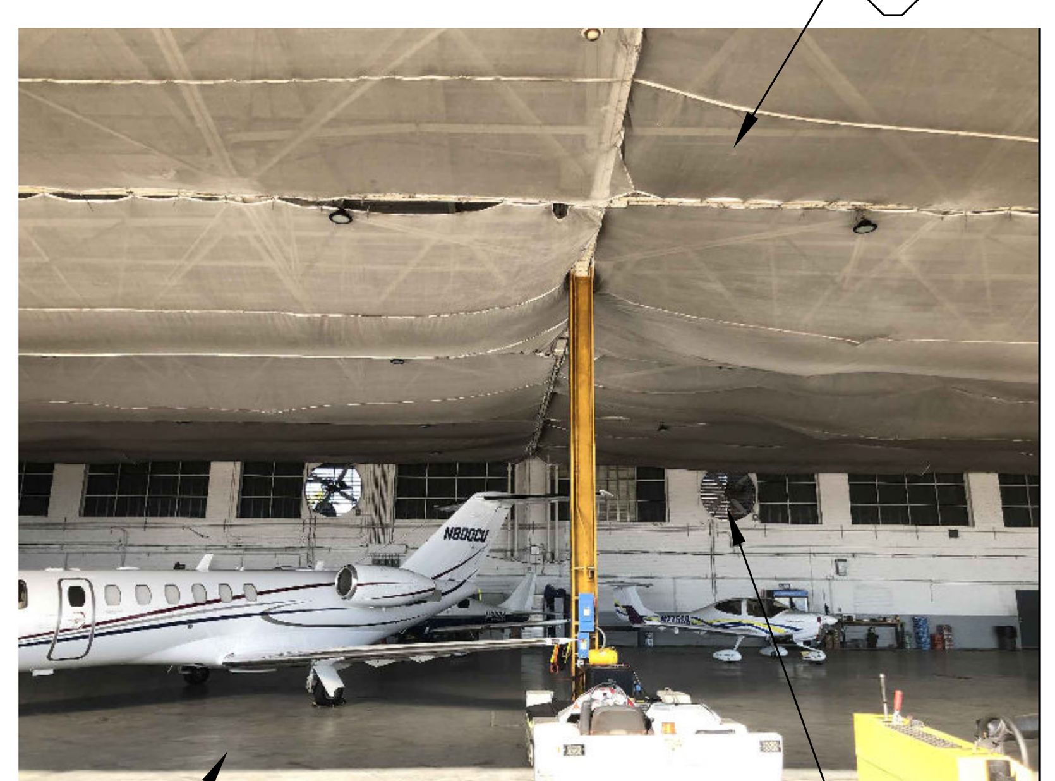
NOTES:
1. (F) INDICATES VIEW IS LOOKING FROM HANGAR FLOOR.
2. (C) INDICATES VIEW IS FROM CATWALK.



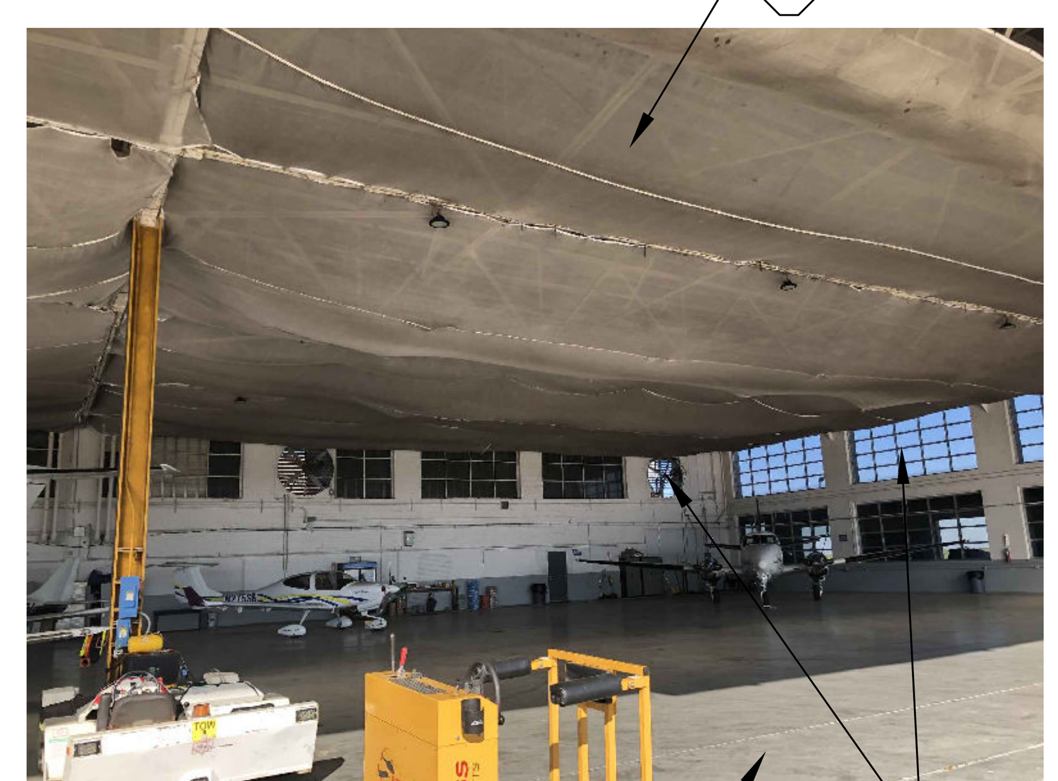
F1 PHOTO
A2.03 SCALE: N.T.S.



F2 PHOTO
A2.03 SCALE: N.T.S.

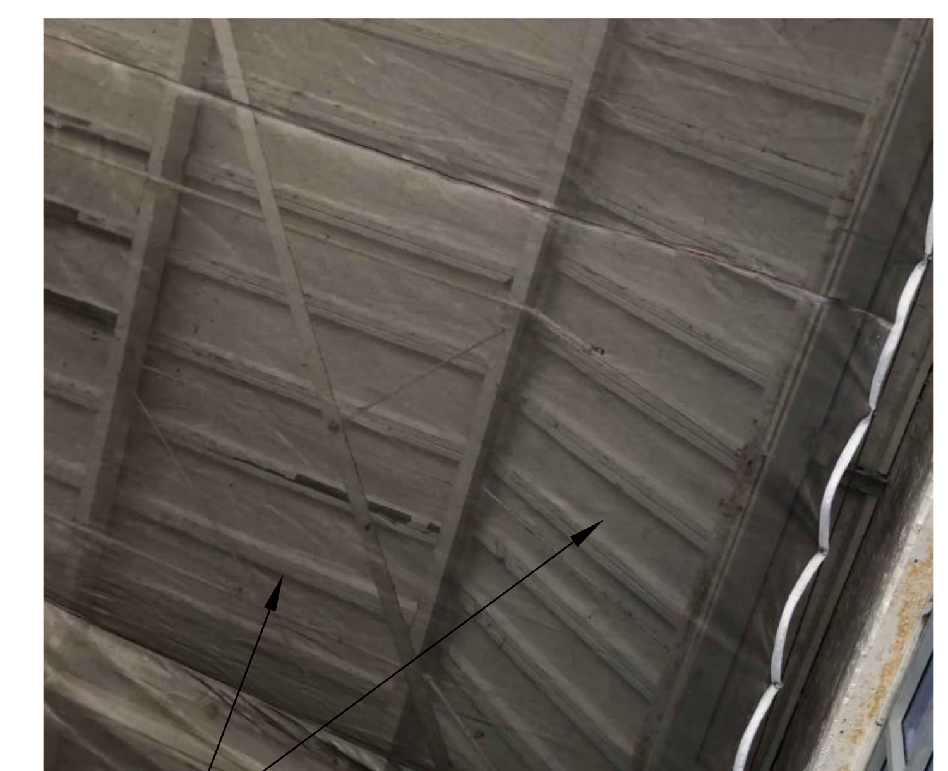


F3 PHOTO
A2.03 SCALE: N.T.S.



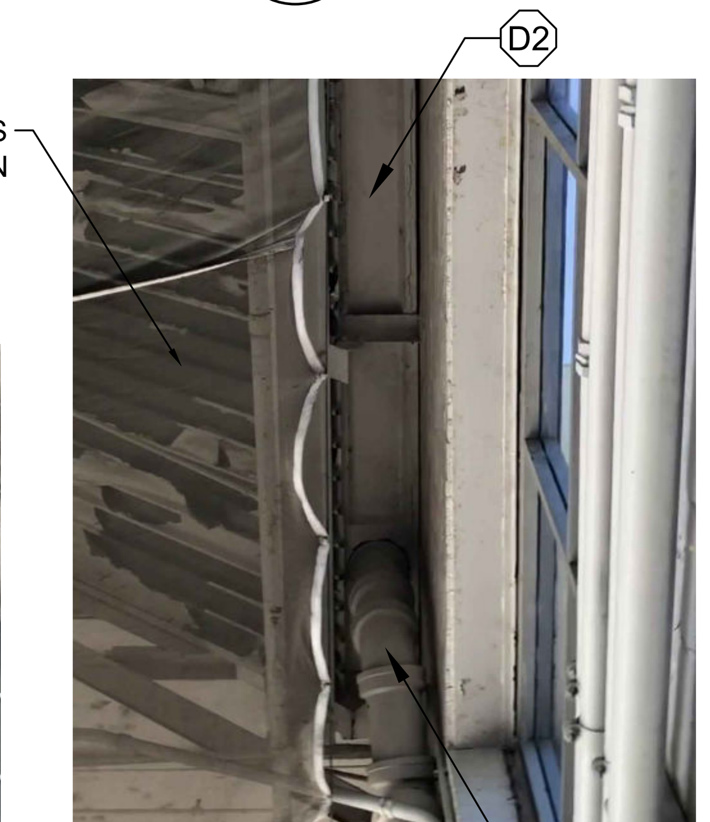
F4 PHOTO
A2.03 SCALE: N.T.S.

F5 PHOTO
A2.03 SCALE: N.T.S.

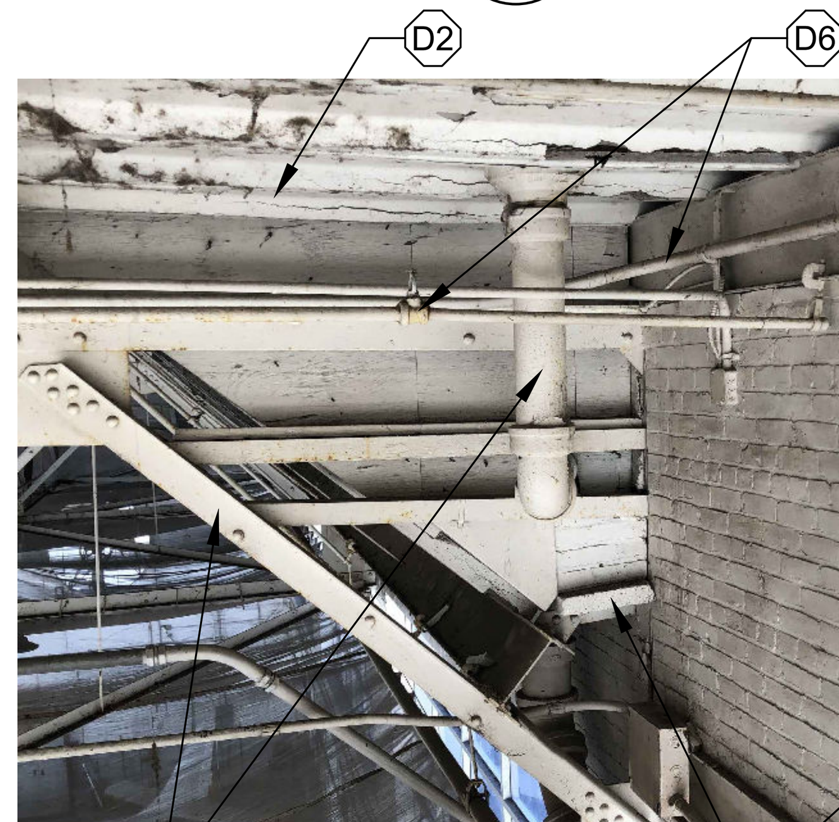


F6 PHOTO
A2.03 SCALE: N.T.S.

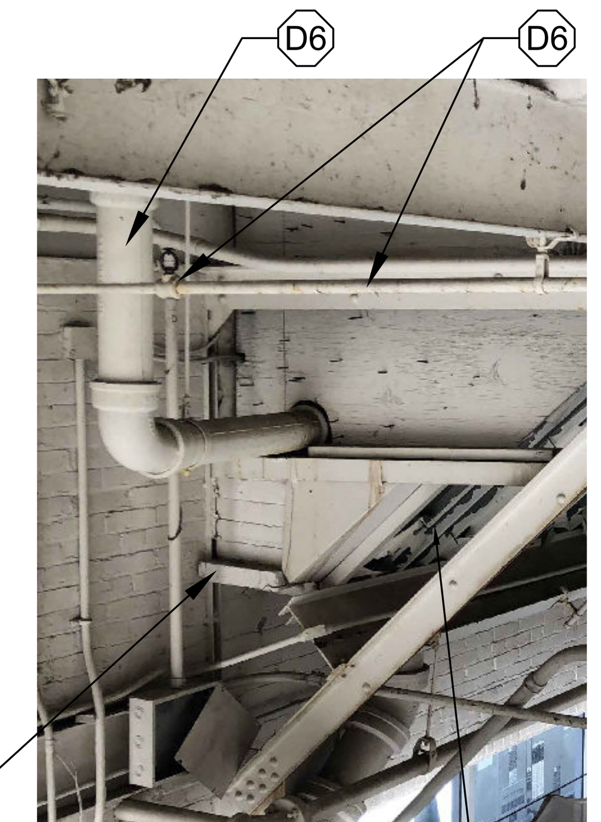
F7 PHOTO
A2.03 SCALE: N.T.S.



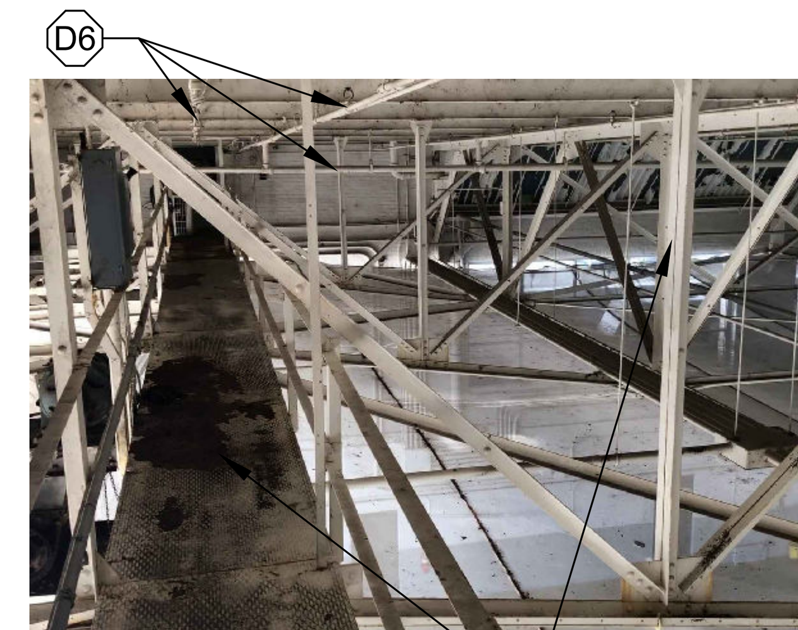
F8 PHOTO
A2.03 SCALE: N.T.S.



C1 PHOTO
A2.03 SCALE: N.T.S.



C2 PHOTO
A2.03 SCALE: N.T.S.



C3 PHOTO
A2.03 SCALE: N.T.S.

C4 PHOTO
A2.03 SCALE: N.T.S.

C5 PHOTO
A2.03 SCALE: N.T.S.

NOTES:
1. SEE SHEET A2.01 FOR GENERAL NOTES.
2. SEE SHEET A2.01 FOR ROOF PLAN NOTES.
3. SEE SHEET A2.01 FOR DEMOLITION NOTES.
4. SEE SHEET A2.02 FOR ADDITIONAL EXISTING PHOTOS.

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RCLA
Project Number: 22236
Date Issued: 08/04/2023
Drawn By: TLM
Checked By: PFD

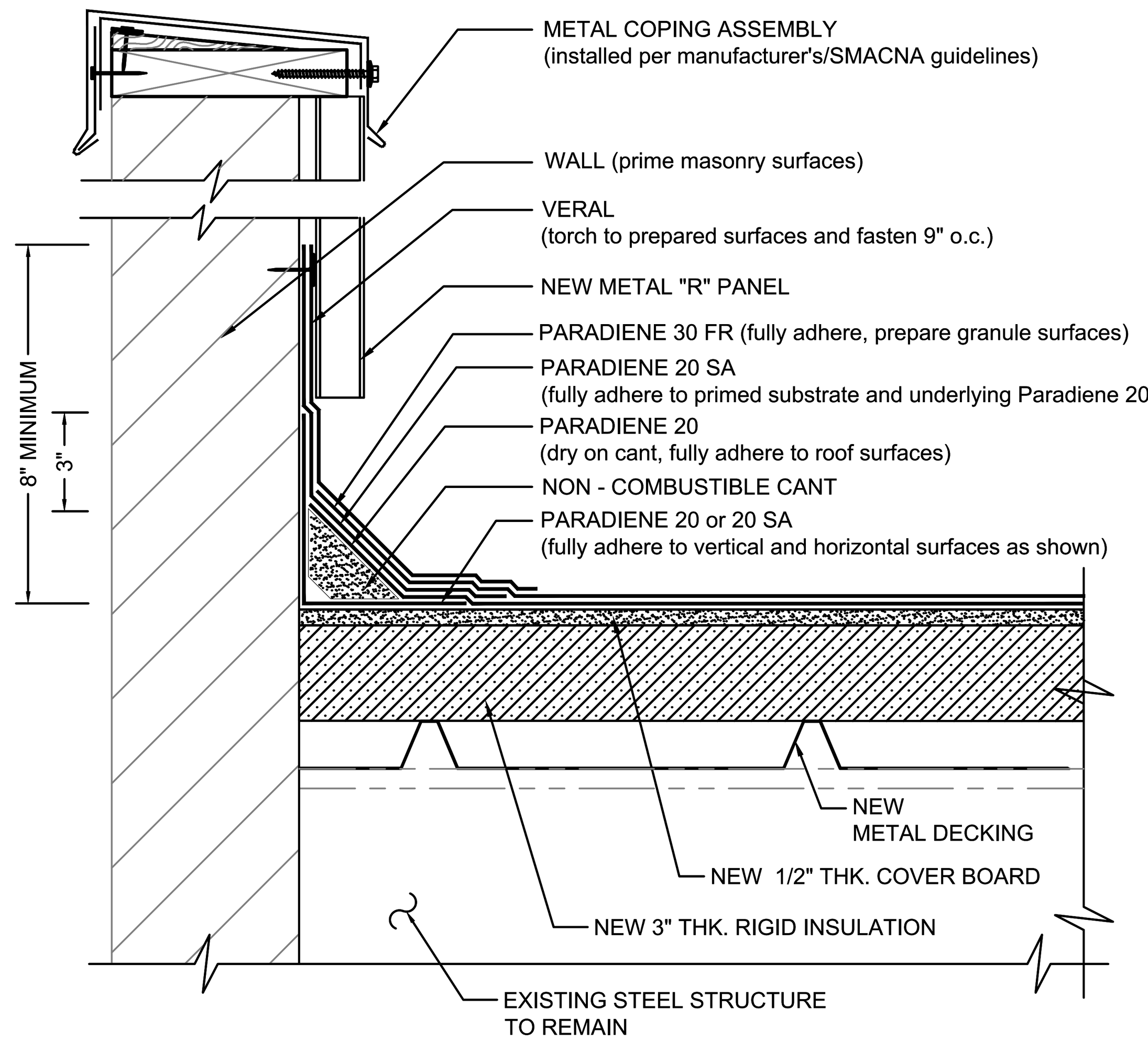
BID DOCUMENT 08/04/2023

LAKEFRONT AIRPORT
WILLIAMS TAYLOR HANGAR
ROOF REPLACEMENT
NEW ORLEANS LAKEFRONT AIRPORT
6001 STARS AND STRIPES BLVD
NEW ORLEANS, LA

PAUL F. DIMITRIOS — REGISTERED ARCHITECT — STATE OF LOUISIANA

PHOTOS

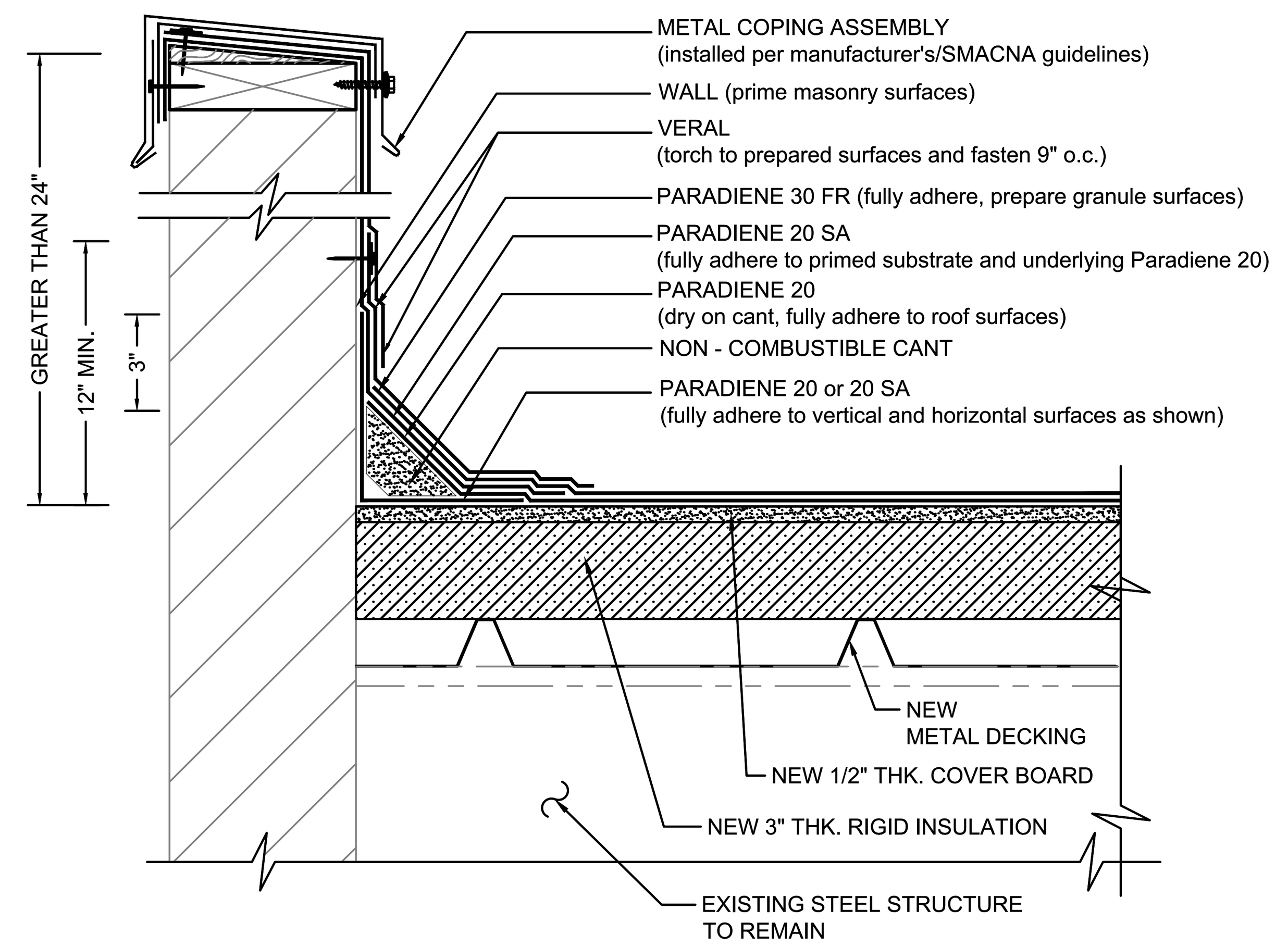
Sheet Number:
A2.03



PARAPET WALL w/ METAL PANELS NOTES:
1. PREPARE GRANULE SURFACES UNDER FLASHING BY TORCH PREPARATION.
2. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, TA-119 PRIMER IS REQUIRED FOR ALL PARADIENE 20 SA FLASHING REINFORCING AND STRIPPING PLY APPLICATIONS. USE PA-1125 OR PA-917 PRIMER FOR ALL OTHER PARADIENE 20 SERIES PRODUCTS THAT ARE NOT SELF-ADHESIVE SHEETS. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
3. THE METAL WORK AND CARPENTRY SHOWN DEPICT SHOP FABRICATION AND JOB-SITE ASSEMBLY. THESE COMPONENTS SHOULD BE DESIGNED/FABRICATED/INSTALLED ACCORDING TO GENERALLY ACCEPTED INDUSTRY PRACTICES, STANDARDS, AND APPROVALS.
4. A NAILER AND TREATED WOOD CANT MAY BE REQUIRED FOR COMPLIANCE WITH SPECIFIC BUILDING CODES OR APPROVALS.
5. DISSIMILAR METAL TYPES SUBJECT TO ELECTROLYTIC REACTION SHOULD BE PHYSICALLY SEPARATED.
6. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

CAUTION: ARCHITECT RECOMMENDS THAT ALL PRACTICES PERTAINING TO NRCA CERTA GUIDELINES BE FOLLOWED WHEN TORCHING METHODS ARE EMPLOYED. THIS INCLUDES PERFORMING A FIRE WATCH FOLLOWING ANY TORCH APPLICATIONS. ALWAYS HAVE APPROVED FIRE-EXTINGUISHING EQUIPMENT NEARBY.

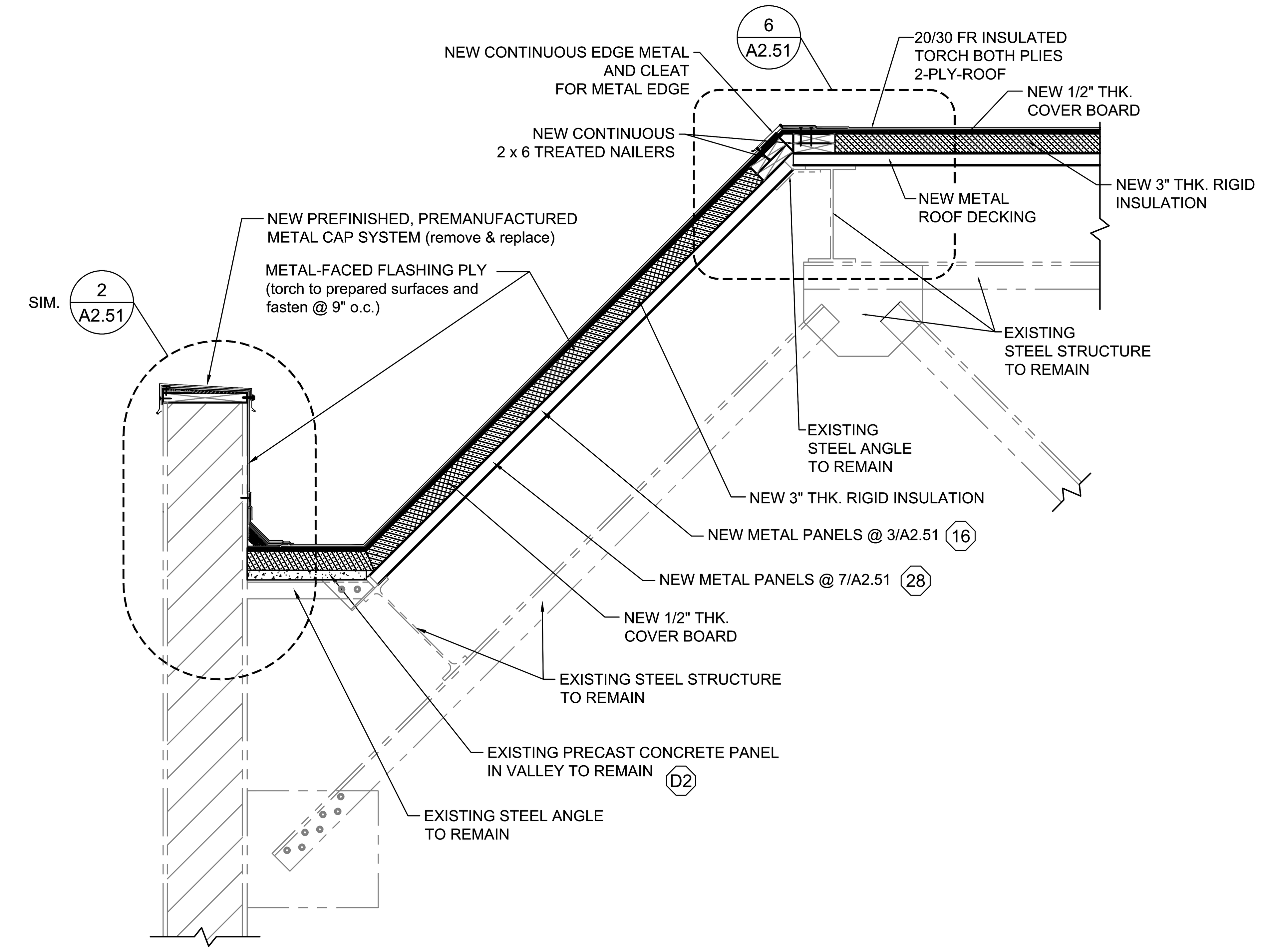
1 / A2.51 PARAPET WALL w/ METAL PANELS
SCALE: N.T.S.



PARAPET WALL w/ FLASHING NOTES:
1. PREPARE GRANULE SURFACES UNDER FLASHING BY TORCH PREPARATION.
2. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, TA-119 PRIMER IS REQUIRED FOR ALL PARADIENE 20 SA FLASHING REINFORCING AND STRIPPING PLY APPLICATIONS. USE PA-1125 OR PA-917 LS PRIMER FOR ALL OTHER PARADIENE 20 SERIES PRODUCTS THAT ARE NOT SELF-ADHESIVE SHEETS. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
3. THE METAL WORK AND CARPENTRY SHOWN DEPICT SHOP FABRICATION AND JOB-SITE ASSEMBLY. THESE COMPONENTS SHOULD BE DESIGNED/FABRICATED/INSTALLED ACCORDING TO GENERALLY ACCEPTED INDUSTRY PRACTICES, STANDARDS, AND APPROVALS.
4. A NAILER AND TREATED WOOD CANT MAY BE REQUIRED FOR COMPLIANCE WITH SPECIFIC BUILDING CODE OR APPROVALS.
5. DISSIMILAR METAL TYPES SUBJECT TO ELECTROLYTIC REACTION SHOULD BE PHYSICALLY SEPARATED.
6. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

CAUTION: ARCHITECT RECOMMENDS THAT ALL PRACTICES PERTAINING TO NRCA CERTA GUIDELINES BE FOLLOWED WHEN TORCHING METHODS ARE EMPLOYED. THIS INCLUDES PERFORMING A FIRE WATCH FOLLOWING ANY TORCH APPLICATIONS. ALWAYS HAVE APPROVED FIRE-EXTINGUISHING EQUIPMENT NEARBY.

2 / A2.51 PARAPET WALL w/ FLASHING
SCALE: N.T.S.

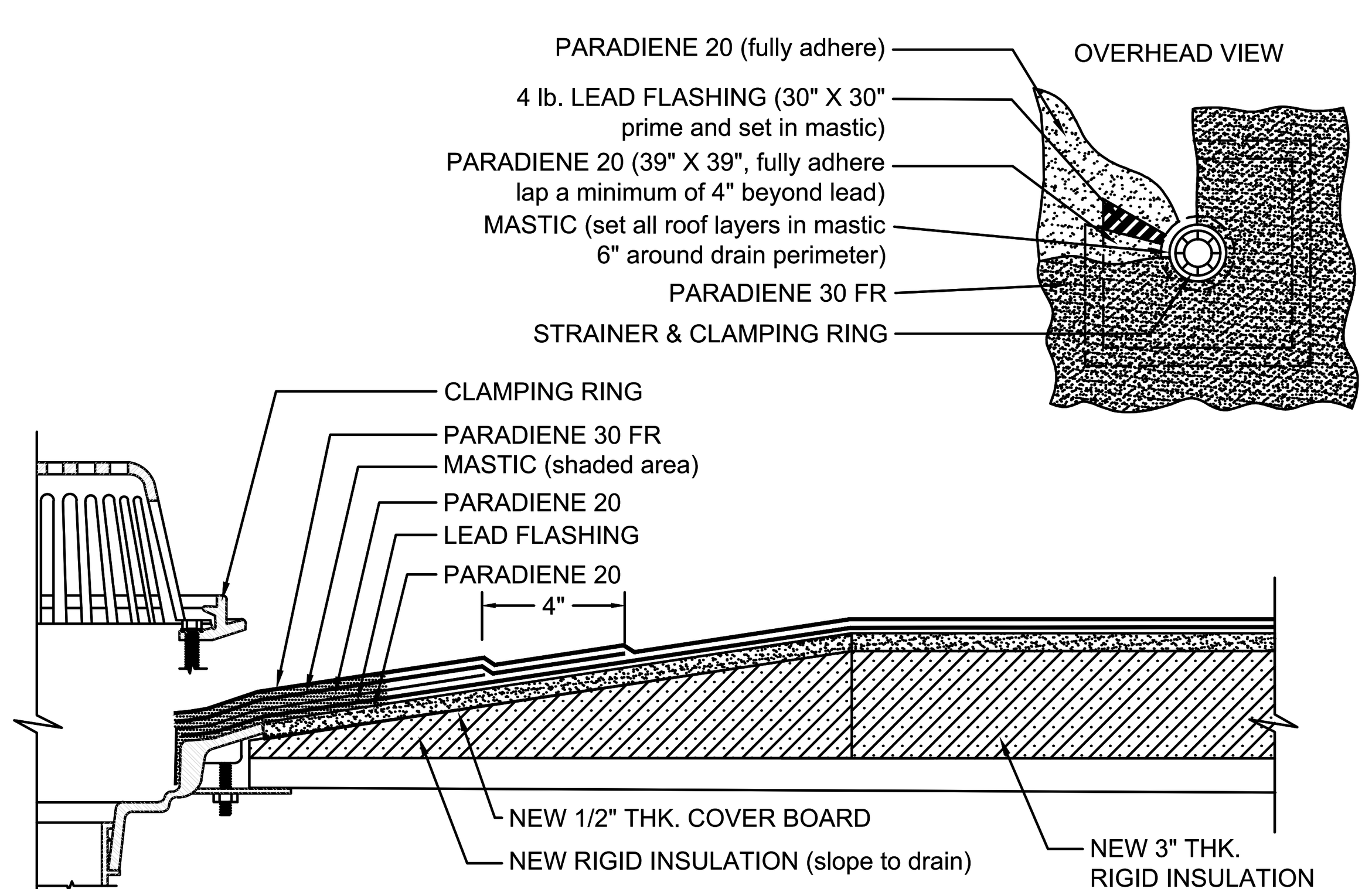


ROOF SECTION @ HIGH-SLOPE ROOF NOTES:
1. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, USE PA-1125 OR PA-917 LS PRIMER. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
2. THE CARPENTRY AND METAL WORK SHOWN DEPICTS SHOP FABRICATION AND JOB-SITE ASSEMBLY. THESE COMPONENTS SHOULD BE DESIGNED/FABRICATED/INSTALLED ACCORDING TO GENERALLY ACCEPTED INDUSTRY PRACTICES, STANDARDS, AND APPROVALS.
3. DISSIMILAR METAL TYPES SUBJECT TO ELECTROLYTIC REACTION SHOULD BE PHYSICALLY SEPARATED.
4. PA-1021 PLASTIC CEMENT, PA-828 FLASHING CEMENT, SFT CEMENT, OR PS-715 NS ELASTOMERIC SEALANT IS REQUIRED WHERE MASTIC IS INDICATED.
5. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

CAUTION: ARCHITECT RECOMMENDS THAT ALL PRACTICES PERTAINING TO NRCA CERTA GUIDELINES BE FOLLOWED WHEN TORCHING METHODS ARE EMPLOYED. THIS INCLUDES PERFORMING A FIRE WATCH FOLLOWING ANY TORCH APPLICATIONS. ALWAYS HAVE APPROVED FIRE-EXTINGUISHING EQUIPMENT NEARBY.

3 / A2.51 TYP. ROOF SECTION @ HIGH-SLOPE ROOF (AS NOTED)
SCALE: N.T.S.

7 / A2.51 TYP. ROOF SECTION @ HIGH-SLOPE ROOF (AS NOTED)
SCALE: N.T.S.

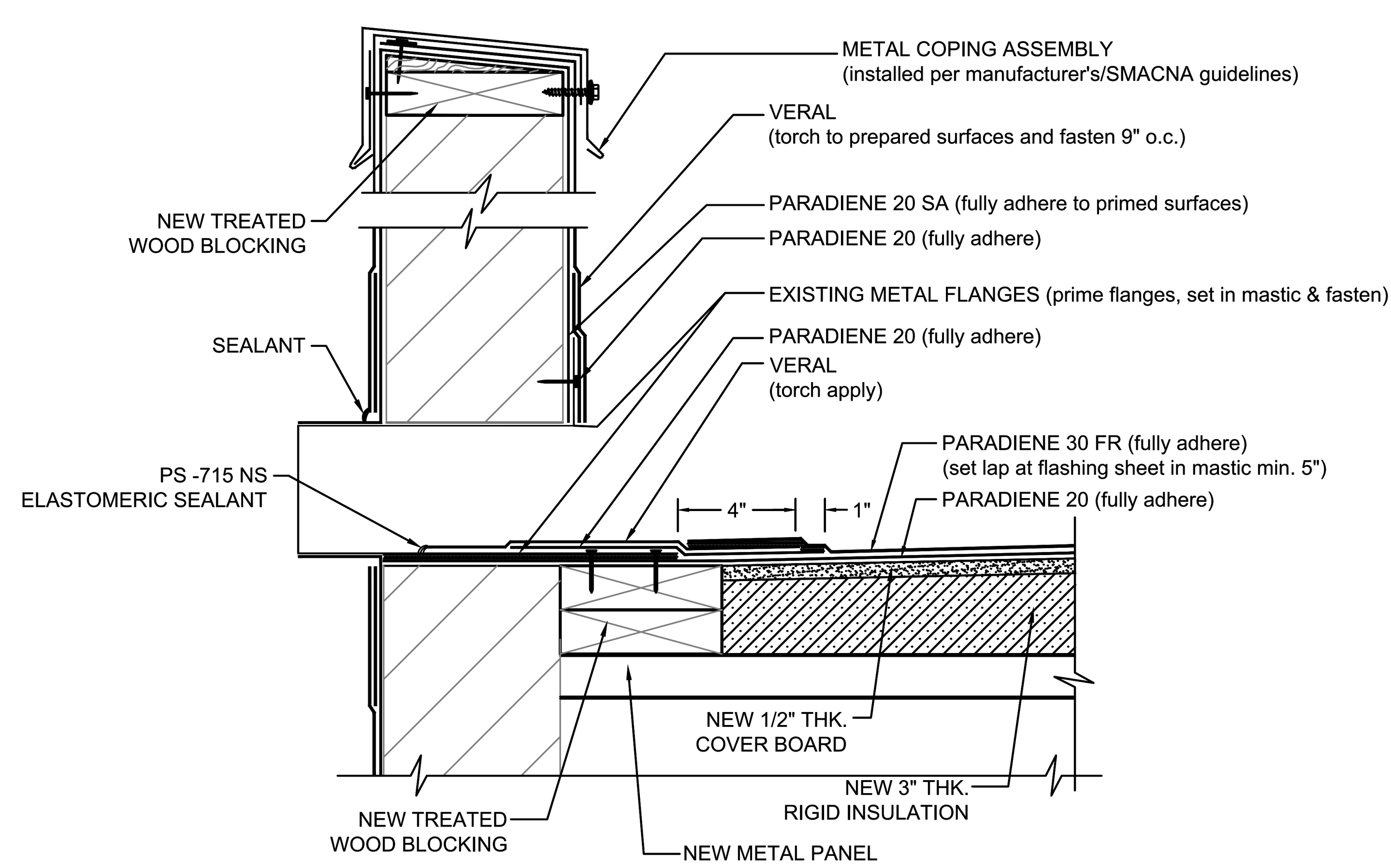


ROOF DRAIN NOTES:
1. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, USE PA-1125 OR PA-917 LS PRIMER. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
2. ROOF DRAIN COMPONENTS AND INSTALLATION GUIDELINES ARE SUPPLIED BY THE DRAIN MANUFACTURER.
3. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN THE CURRENT SIPLAST SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.
4. PA-1021 PLASTIC CEMENT, PA-828 FLASHING CEMENT, SFT CEMENT, OR PS-715 NS ELASTOMERIC SEALANT IS REQUIRED WHERE MASTIC IS INDICATED.

CAUTION: ARCHITECT RECOMMENDS THAT ALL PRACTICES PERTAINING TO NRCA CERTA GUIDELINES BE FOLLOWED WHEN TORCHING METHODS ARE EMPLOYED. THIS INCLUDES PERFORMING A FIRE WATCH FOLLOWING ANY TORCH APPLICATIONS. ALWAYS HAVE APPROVED FIRE-EXTINGUISHING EQUIPMENT NEARBY.

4 / A2.51 TYP. ROOF DRAIN
SCALE: N.T.S.

NOTES:
1. SEE SHEET A2.01 FOR GENERAL NOTES.
2. SEE SHEET A2.01 FOR ROOF PLAN NOTES.
3. SEE SHEET A2.01 FOR DEMOLITION NOTES.
4. SEE SHEETS A2.02 & A2.03 FOR EXISTING PHOTOS.



SCUPPER SECTION NOTES:
1. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, TA-119 PRIMER IS REQUIRED FOR ALL PARADIENE 20 SA FLASHING REINFORCING AND STRIPPING PLY APPLICATIONS. USE PA-1125 OR PA-917 LS PRIMER FOR ALL OTHER PARADIENE 20 SERIES PRODUCTS THAT ARE NOT SELF-ADHESIVE SHEETS. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
2. THE CARPENTRY SHOWN DEPICTS SHOP FABRICATION AND JOB-SITE ASSEMBLY. THESE COMPONENTS SHOULD BE DESIGNED/FABRICATED/INSTALLED ACCORDING TO GENERALLY ACCEPTED INDUSTRY PRACTICES, STANDARDS, AND APPROVALS.
3. TAPER INSULATION AREAS AROUND THE SCUPPER OPENING TO ENSURE POSITIVE DRAINAGE.
4. DISSIMILAR METAL TYPES SUBJECT TO ELECTROLYTIC REACTION SHOULD BE PHYSICALLY SEPARATED.
5. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.
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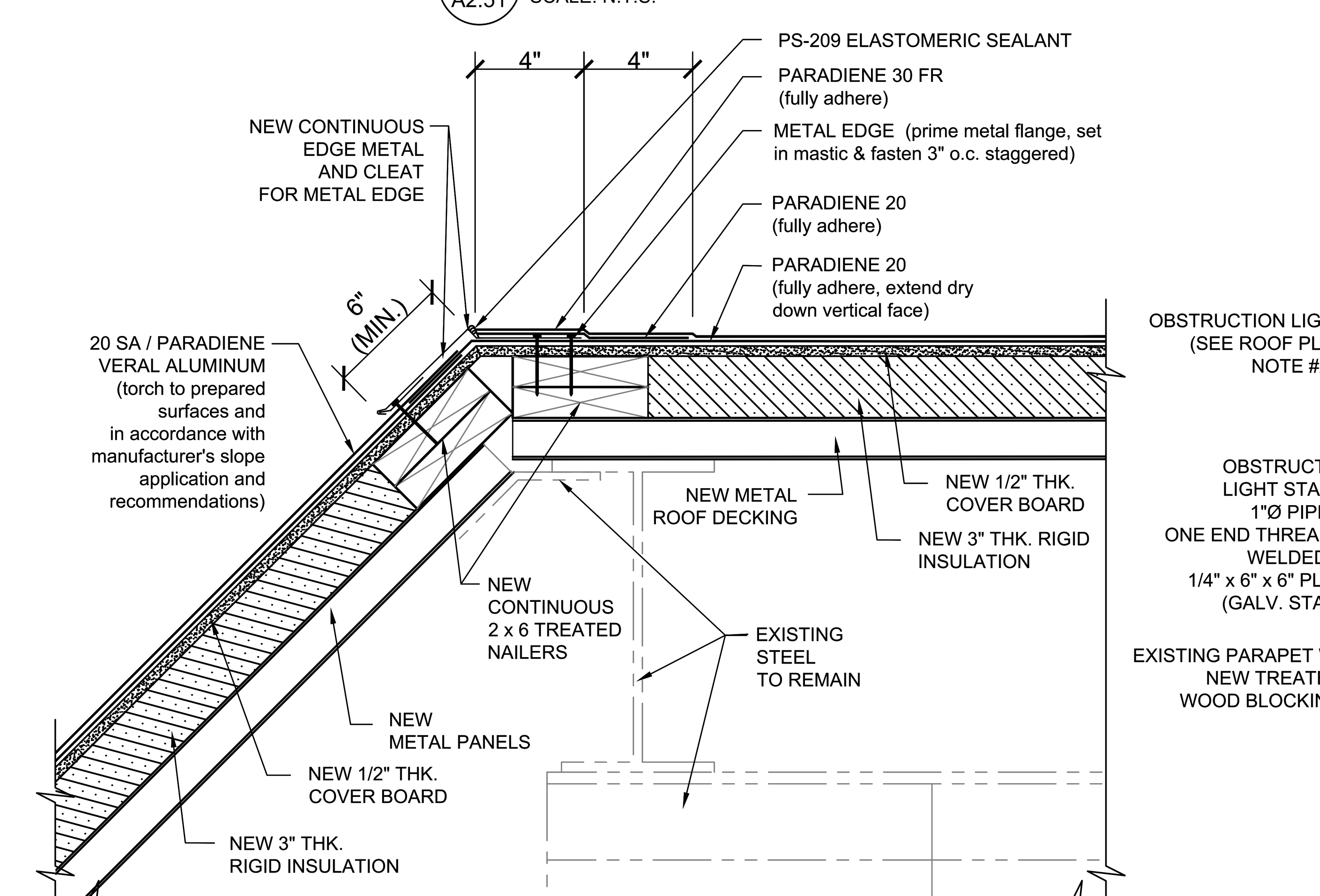
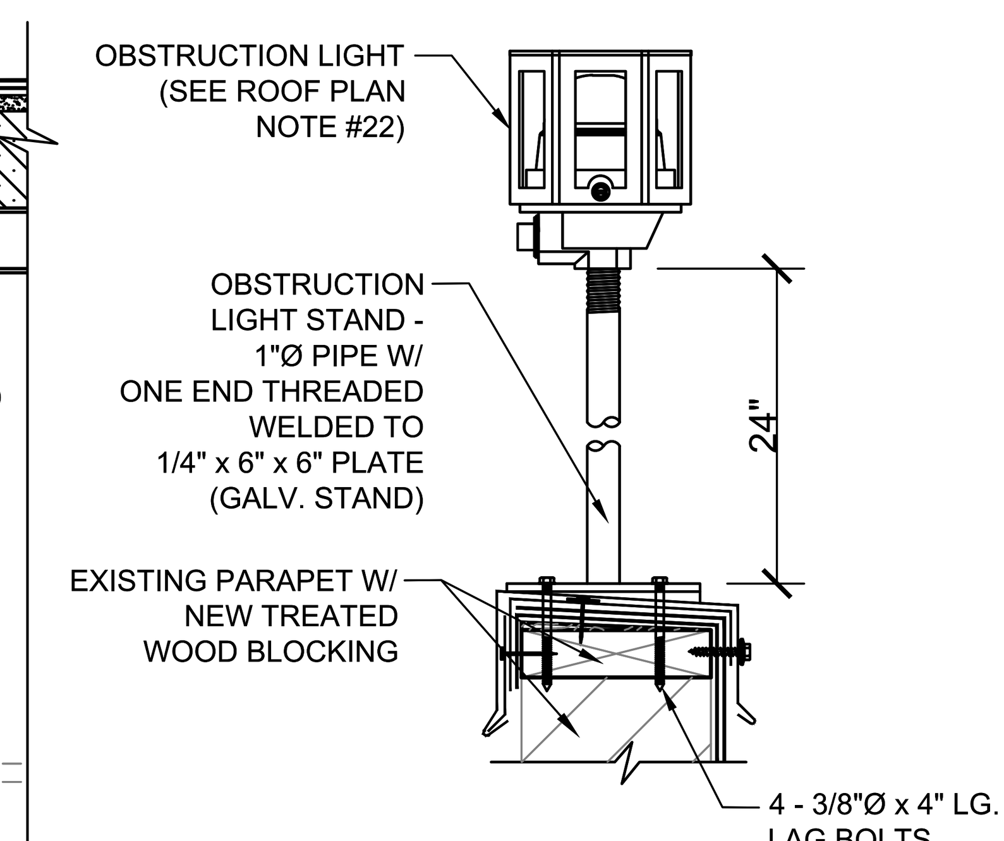
5 / A2.51 TYP. SCUPPER SECTION
SCALE: N.T.S.



6 / A2.51 TYP. ROOF TO ROOF EDGE DETAIL
SCALE: N.T.S.



8 / A2.51 OBSTRUCTION LIGHT
SCALE: N.T.S.

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RCLA
Project Number: 22236
Date Issued: 08/04/2023
Drawn By: TLM
Checked By: PFD

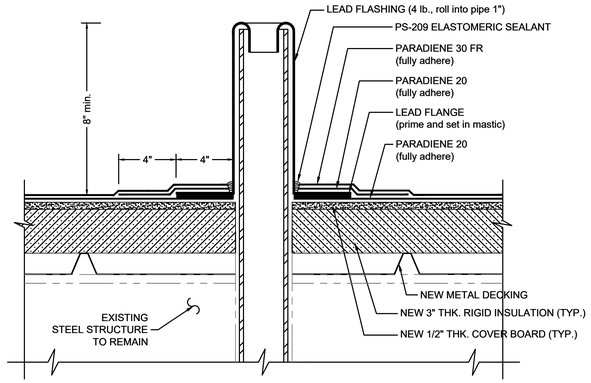
BID DOCUMENT 08/04/2023

LAKEFRONT AIRPORT WILLIAMS TAYLOR HANGAR ROOF REPLACEMENT
NEW ORLEANS LAKEFRONT AIRPORT
6001 STARS AND STRIPES BLVD
NEW ORLEANS, LA

PAUL F. DIMITRIOS REGISTERED ARCHITECT STATE OF LOUISIANA

SECTIONS

Sheet Number:
A2.51



WASTE STACK NOTES:

1. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, USE PA-1125 OR PA-917 LS PRIMER. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
2. PA-1021 PLASTIC CEMENT, PA-828 FLASHING CEMENT, SFT CEMENT, OR PS-715 NS ELASTOMERIC SEALANT IS REQUIRED WHERE MASTIC IS INDICATED.
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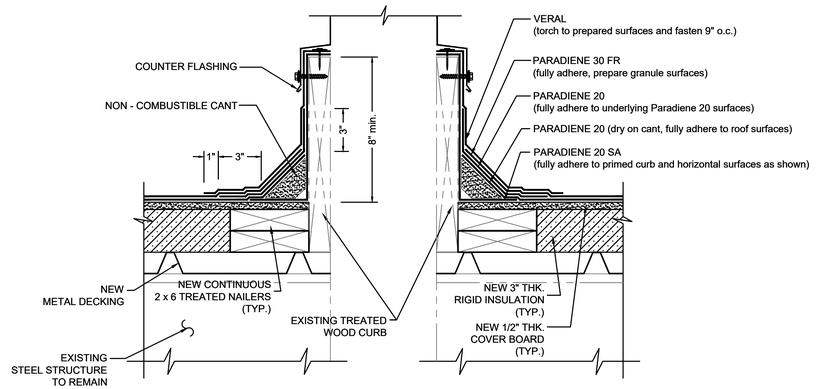
CAUTION: ARCHITECT RECOMMENDS THAT ALL PRACTICES PERTAINING TO NRCA CERTA GUIDELINES BE FOLLOWED WHEN TORCHING METHODS ARE EMPLOYED. THIS INCLUDES PERFORMING A FIRE WATCH FOLLOWING ANY TORCH APPLICATIONS. ALWAYS HAVE APPROVED FIRE-EXTINGUISHING EQUIPMENT NEARBY.

1 / A2.52 TYP. WASTE STACK
SCALE: N.T.S.

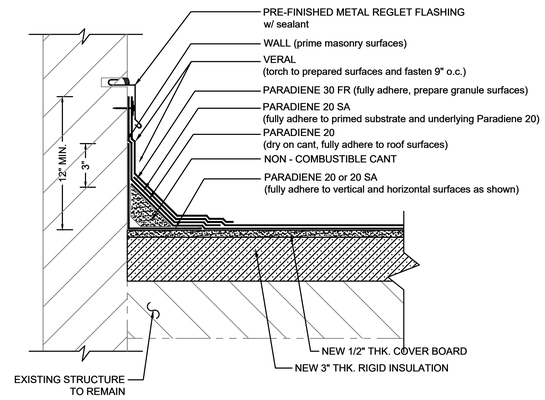


ROOF EQUIPMENT CURB:

1. PREPARE GRANULE SURFACES UNDER FLASHING BY TORCH PREPARATION.
2. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, TA-119 PRIMER IS REQUIRED FOR ALL PARADIENE 20 SA FLASHING REINFORCING AND STRIPPING PLY APPLICATIONS. USE PA-1125 OR PA-917 LS PRIMER FOR ALL OTHER PARADIENE 20 SERIES PRODUCTS THAT ARE NOT SELF-ADHESIVE SHEETS. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
3. THE CARPENTRY AND METAL WORK SHOWN DEPICTS SHOP FABRICATION AND JOB-SITE ASSEMBLY. THESE COMPONENTS SHOULD BE DESIGNED/FABRICATED/INSTALLED ACCORDING TO GENERALLY ACCEPTED INDUSTRY PRACTICES, STANDARDS, AND APPROVALS.
4. DISSIMILAR METAL TYPES SUBJECT TO ELECTROLYTIC REACTION SHOULD BE PHYSICALLY SEPARATED.
5. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN CURRENT SIPLAST SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

CAUTION: ARCHITECT RECOMMENDS THAT ALL PRACTICES PERTAINING TO NRCA CERTA GUIDELINES BE FOLLOWED WHEN TORCHING METHODS ARE EMPLOYED. THIS INCLUDES PERFORMING A FIRE WATCH FOLLOWING ANY TORCH APPLICATIONS. ALWAYS HAVE APPROVED FIRE-EXTINGUISHING EQUIPMENT NEARBY.

2 / A2.52 TYP. ROOF EQUIPMENT CURB
SCALE: N.T.S.



METAL REGLET FLASHING NOTES:

1. PREPARE GRANULE SURFACES UNDER FLASHING BY TORCH PREPARATION.
2. WHERE PRIMER IS INDICATED TO MAINTAIN PROPER ADHESION, TA-119 PRIMER IS REQUIRED FOR ALL PARADIENE 20 SA FLASHING REINFORCING AND STRIPPING PLY APPLICATIONS. USE PA-1125 OR PA-917 LS PRIMER FOR ALL OTHER PARADIENE 20 SERIES PRODUCTS THAT ARE NOT SELF-ADHESIVE SHEETS. CONTACT SIPLAST FOR SPECIFIC REQUIREMENTS.
3. THE METAL WORK AND CARPENTRY SHOWN DEPICT SHOP FABRICATION AND JOB-SITE ASSEMBLY. THESE COMPONENTS SHOULD BE DESIGNED/FABRICATED/INSTALLED ACCORDING TO GENERALLY ACCEPTED INDUSTRY PRACTICES, STANDARDS, AND APPROVALS.
4. A NAILER AND TREATED WOOD CANT MAY BE REQUIRED FOR COMPLIANCE WITH SPECIFIC BUILDING CODE OR APPROVALS.
5. DISSIMILAR METAL TYPES SUBJECT TO ELECTROLYTIC REACTION SHOULD BE PHYSICALLY SEPARATED.
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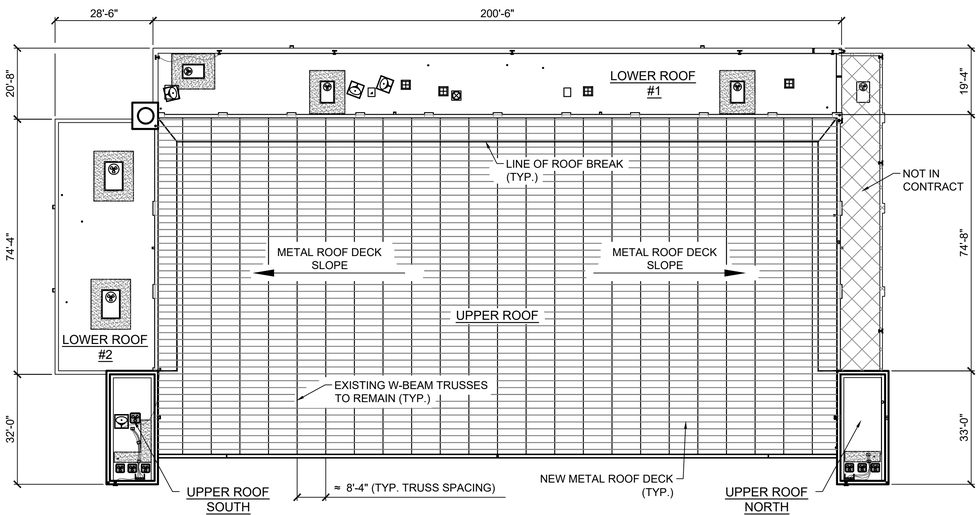
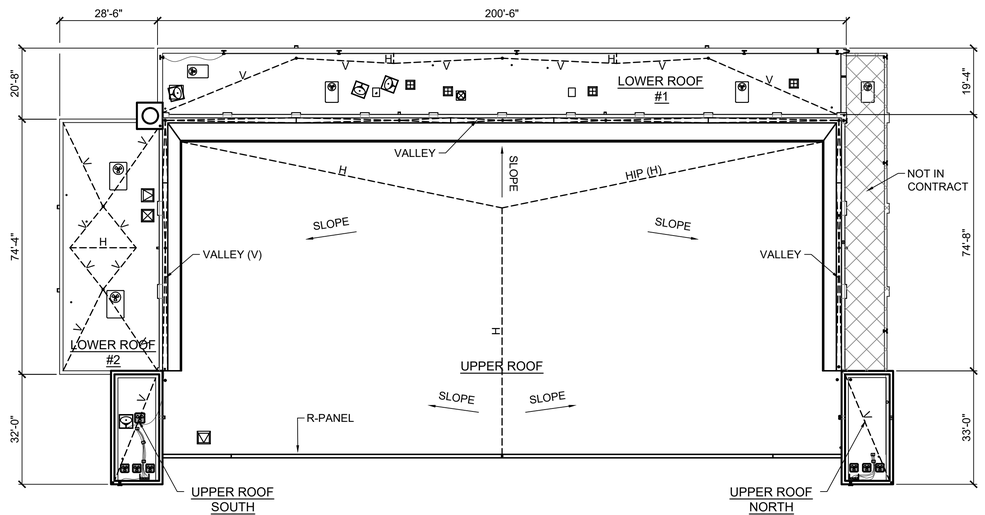
3 / A2.52 METAL REGLET FLASHING
SCALE: N.T.S.



4 / A2.52 METAL ROOF DECK PLAN VIEW
SCALE: N.T.S.



5 / A2.52 ROOF DRAIN SLOPE PLAN VIEW
SCALE: N.T.S.

PLAN NOTES:

1. SEE SHEET A2.01 FOR GENERAL NOTES.
2. SEE SHEET A2.01 FOR ROOF PLAN NOTES.
3. SEE SHEET A2.01 FOR DEMOLITION NOTES.
4. SEE SHEETS A2.02 AND A2.03 FOR EXISTING ROOF PHOTOS.
5. NOT IN CONTRACT

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829 Baronne St.
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504-909-0669

RCLA
Project Number: 22236
Date Issued: 08/04/2023
Drawn By: TLM
Checked By: PFD

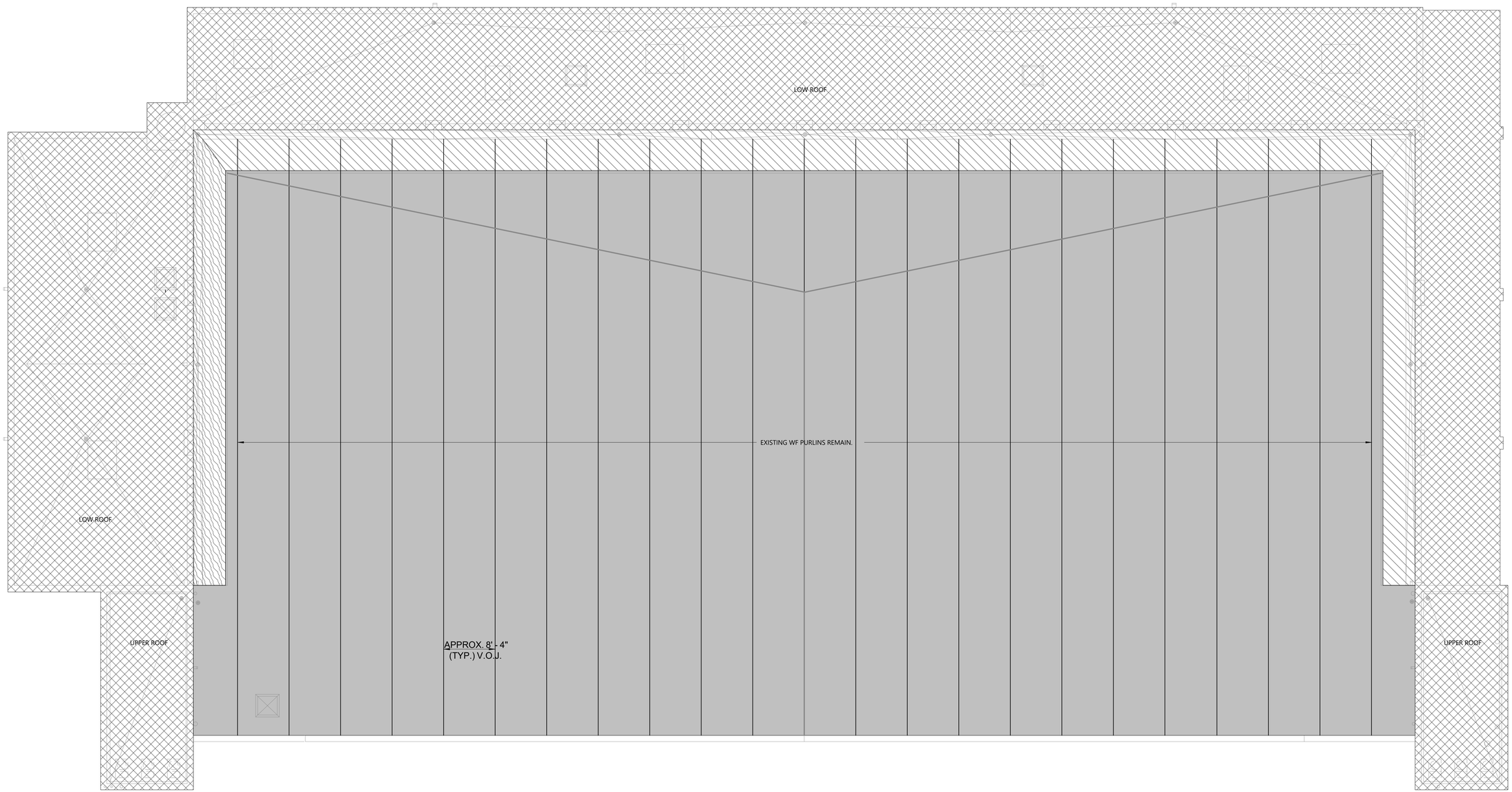
BID DOCUMENT
08/04/2023

LAKEFRONT AIRPORT WILLIAMS TAYLOR HANGAR ROOF REPLACEMENT

NEW ORLEANS LAKEFRONT AIRPORT
6001 STARS AND STRIPES BLVD
NEW ORLEANS, LA

SECTIONS

Sheet Number:
A2.52



1 ROOF DEMO/SEQUENCING PLAN
1/8" = 1'-0"

HATCH LEGEND

- HIGH-SLOPE ROOF WITH EXISTING PRECAST CONCRETE PANELS TO BE REMOVED
- HIGH-SLOPE ROOF WITH EXISTING METAL PANELS TO BE REMOVED
- LOW-SLOPE ROOF WITH EXISTING PRECAST CONCRETE PANELS TO BE REMOVED
- NOT IN STRUCTURAL CONTRACT

DEMOLITION AND SHORING NOTES:

FRONT LARGE DOORS SHALL BE IN THE DOWNWARD/CLOSED POSITION PRIOR TO START OF ANY ROOF MATERIAL REMOVAL.

EXISTING CONCRETE ROOF PANELS ARE IN EXTREMELY POOR CONDITION. EOR DOES NOT RECOMMEND APPLYING ANY ADDITIONAL DEAD OR LIVE LOAD ON THE EXISTING PANELS AT ANY TIME BEFORE OR DURING DEMOLITION.

SEQUENCE OF ROOF DEMOLITION INTENT IS TO ALLOW USAGE OF ONE HALF OF THE HANGAR FOR STORAGE WHILE THE OTHER HALF IS UNDER CONSTRUCTION. SEE PLAN FOR SEQUENCE AREAS.

PRIOR TO DEMOLITION OF ANY WALLS, ALL EXISTING CEILING SHALL BE DEMOLISHED AND REMOVED, AND A/E SHALL BE CONTACTED TO REVIEW EXISTING STRUCTURE AND VERIFY ASSUMPTIONS REGARDING FRAMING OF EXISTING STRUCTURE.

THE STRUCTURAL PLANS DEPICT DEMOLITION OF EXISTING CONCRETE ROOF OVER STEEL ROOF TRUSSES. ALL STEEL ROOF TRUSSES ARE LOAD-BEARING. CONTACT A/E IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.

GENERAL CONTRACTOR IS RESPONSIBLE FOR TEMPORARY STABILITY OF EXISTING STRUCTURE UNTIL NEW CONSTRUCTION IS COMPLETE.

ALL TEMPORARY SHORING SHALL BE DESIGNED AND PROVIDED BY THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL INCLUDE COST OF ALL ENGINEERING REQUIRED FOR DESIGN OF SHORING IN BASE BID.

EXISTING ROOF JOIST SPACING/LOCATIONS ARE TYPICALLY SCHEMATIC. GENERAL CONTRACTOR TO VERIFY EXACT JOIST LOCATIONS AS REQUIRED.

DO NOT DEMOLISH ANY EXISTING STRUCTURE UNLESS EXPLICITLY STATED ON STRUCTURAL DRAWINGS.

ALL DEMOLITION WORK SHALL BE PERFORMED IN A CAREFUL MANNER AS REQUIRED TO ENSURE NO DAMAGE OCCURS TO REMAINING STRUCTURE.

CONTRACTOR TO NOTIFY AOR/EOR OF ANY PROBLEMATIC AREAS DISCOVERED DURING THE REMOVAL OF THE LOW ROOFS (AREAS NOT WITHIN THE SCOPE OF THIS CURRENT CONTRACT), REMEDIATION MAY BE REQUIRED IN THOS AREAS.

CONTRACTOR TO SUBMIT A DEMO/SEQUENCING PLAN TO ARCH/EOR FOR REVIEW PRIOR TO INITIATING THE WORK.

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RCLA
Project Number: 22236
Date Issued: 8/4/2023
Drawn By: RD
Checked By: GC

BID DOCUMENT

LAKEFRONT AIRPORT
WILLIAMS TAYLOR HANGER ROOF REPLACEMENT
NEW ORLEANS LAKEFRONT AIRPORT
6001 STARS AND SREIPS BLVD
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08/03/2023

DEMO PLAN

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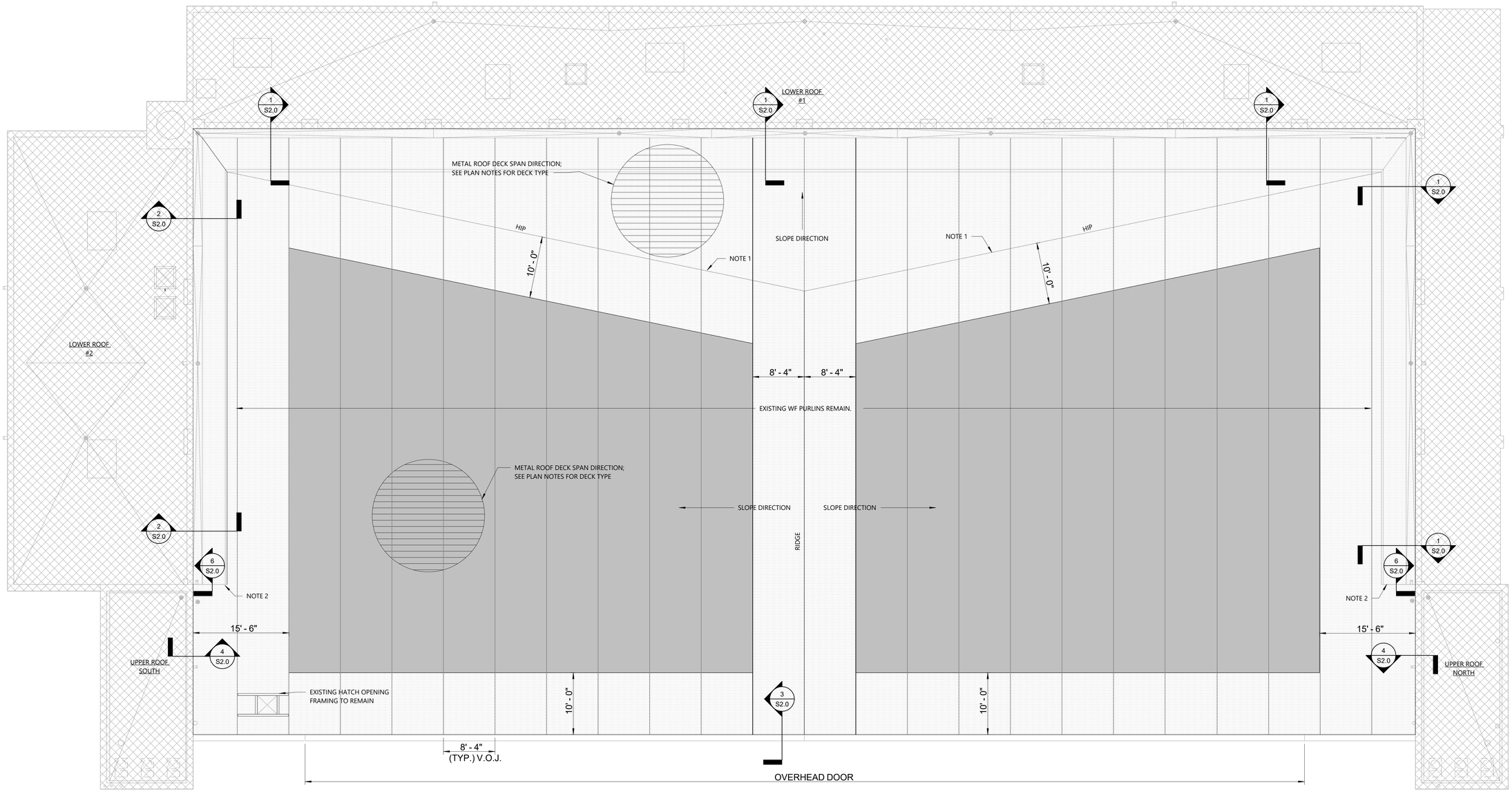

1 NEW ROOF FRAMING PLAN

1/8" = 1'-0"

METAL DECKING REQUIREMENTS

TYPE	DECKING	FASTENER LAYOUT		FASTENER METHOD		REMARKS
		SUPPORT	SIDE LAPS	SUPPORT	SIDE LAPS	
ROOF	3NI-32 20 GA.	SEE LEGEND	12" O.C.	(1)	(2)	A

(1) #12 TEK SCREWS
(2) #10 TEK SCREWS

A ROOF DECK DESIGN BASIS IS ON A MAXIMUM ROOF DECK SUPPORT SPACING OF 8'-4". NOTIFY A/E IF LONGER SPANS ARE ENCOUNTERED.

NOTES:
- SPOT WELDING IS PERMITTED ONLY AT LOCATIONS WHERE SCREW ATTACHMENT IS NOT POSSIBLE DUE TO SPACE CONSTRAINTS; NOTIFY EOR OF THESE LOCATIONS FOR APPROVAL.
- INCREASE SIZE OF SCREWS IF REQUIRED FOR ATTACHMENT TO THICKER STEEL ELEMENTS.

FASTENING PATTERN LEGEND

32/7
32/10

ATTACHMENT PATTERNS 3NI-32

ROOF FRAMING PLAN NOTES AND LEGEND:

NOTE 1: HIP BEAM, NOTIFY EOR ONCE EXISTING CONCRETE PANELS ARE REMOVED. VERIFICATION OF THIS MEMBER AND ANY ATTACHMENTS TO THIS MEMBER WILL DICTATE THE METHOD OF ATTACHEMENT OF NEW METAL DECK. SEE GENERAL NOTES FOR STEEL ALLOWANCE. HIP MEMBER MAY REQUIRE NEW STEEL PLATE ATTACHMENT FOR PROPER BEARING LENGTH OF NEW METAL DECKING.

NOTE 2: NOTIFY EOR AFTER ROOF COVERINGS AND PLYWOOD END WALL IS DEMOLISHED. CONNECTIONS WILL NEED VERIFICATION OR MODIFICATION RELIANT ON EXISTING CONDITIONS.

ROOF DECK = VULCRAFT 20 GAGE, 3NI-32, GRADE 80 GALV. METAL ROOF DECK. ROOF DECK TO BE APPLIED AS A 3-SPAN CONDITION.

SEE DETAIL 5/S2.0 FOR TYPICAL REQUIREMENTS AT ROOF PENETRATIONS.

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ROOF FRAMING PLAN

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NEW ORLEANS www.fox-nesbit.com
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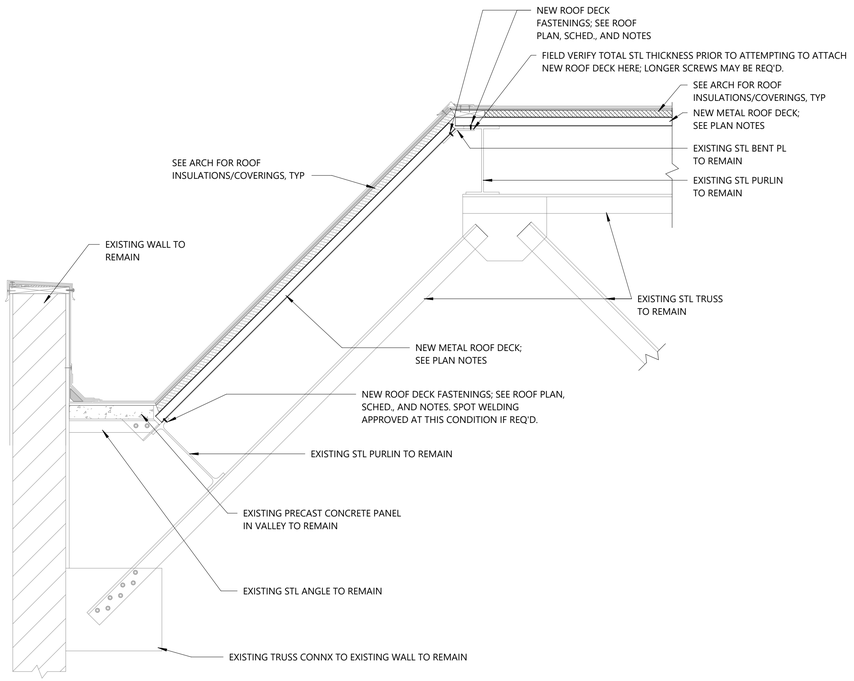
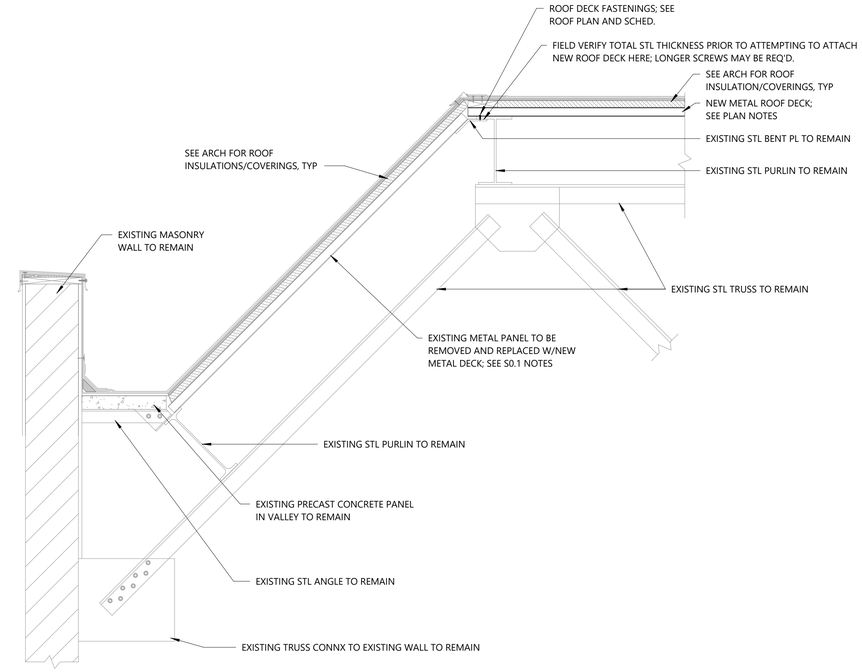


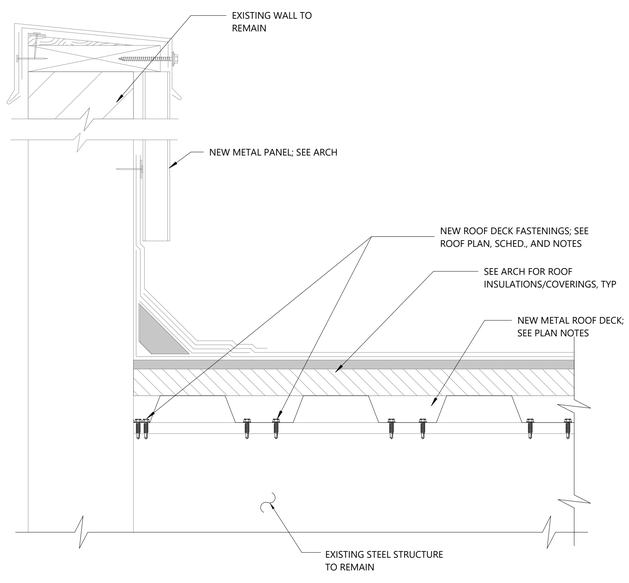
1 Typ. Roof Section @ High Slope Roof 1

3/4" = 1'-0"



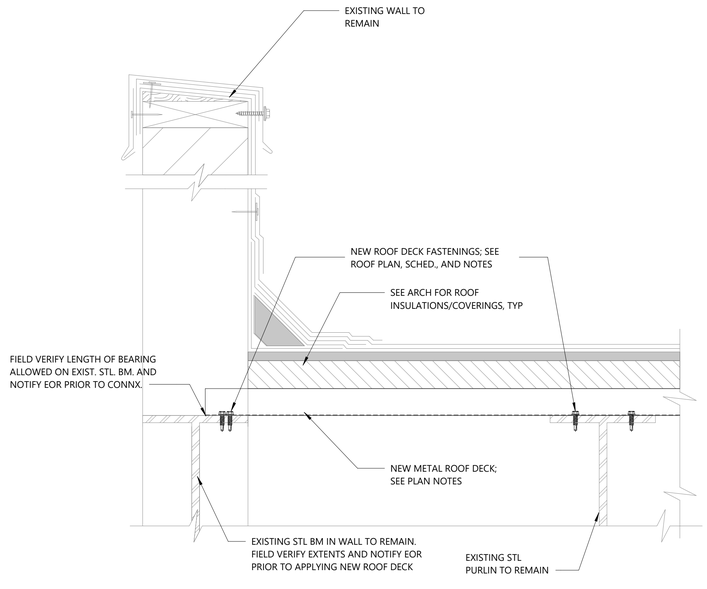
2 Typ. Roof Section @ High Slope Roof 2

3/4" = 1'-0"



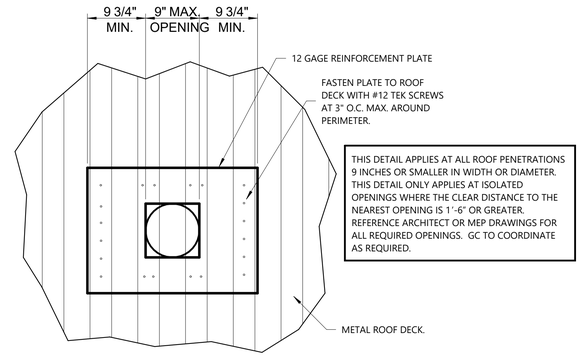
3 Parapet Wall w/Metal Panels

3" = 1'-0"



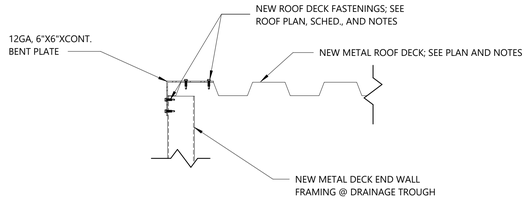
4 Parapet Wall w/Flashing

3" = 1'-0"



5 Small Reinforced Roof Deck Opening

1" = 1'-0"



6 Detail @ Drainage Trough

1 1/2" = 1'-0"

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DETAILS

Sheet Number:
S2.0

GENERAL NOTES

A. APPLICABLE DESIGN CODES & MISCELLANEOUS

INTERNATIONAL BUILDING CODE 2021
AMERICAN CONCRETE INSTITUTE 318
AMERICAN INSTITUTE OF STEEL CONSTRUCTION

IBC CHAPTER 17 SPECIAL INSPECTIONS:
THE OWNER OR THE OWNER'S REPRESENTATIVE IS REQUIRED TO PROVIDE SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF IBC 2021. THE GENERAL CONTRACTOR IS REQUIRED TO ENGAGE AND ACCOMMODATE THE REQUIRED SPECIAL INSPECTIONS BY PROVIDING ACCESS TO ELEMENTS REQUIRED FOR INSPECTION AND BY NOTIFYING THE TESTING AGENCY 48 HOURS PRIOR TO A REQUIRED INSPECTION EVENT. THE CONTRACTOR SHALL PROVIDE REPORTS FROM THE TESTING AGENCY INDICATING COMPLIANCE WITH THE IBC REQUIREMENTS FOR:

- STEEL CONSTRUCTION (IBC 1705.2)
- CONCRETE CONSTRUCTION (IBC 1705.3)
- MASONRY CONSTRUCTION (IBC 1705.4)
- SOILS (IBC 1705.6)
- DRIVEN PILES (IBC 1705.7)
- DRILLED SHAFTS, AUGER C.I.P. PILES (IBC 1705.8)
- WIND RESISTANCE (IBC 1705.11) (IN APPLICABLE WIND SPEEDS ONLY)
- SPRAYED FIRE-RESISTANT MATERIALS (IBC 1705.14)
- MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS (IBC 1705.15)

STRUCTURAL OBSERVATIONS:
STRUCTURAL OBSERVATIONS SHALL BE CONDUCTED BY THE ENGINEER OF RECORD TO ASSURE GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. THESE OBSERVATIONS WILL NOT TAKE THE PLACE OF THE CODE REQUIRED SPECIAL INSPECTIONS LISTED ABOVE OR ANY OTHER INSPECTIONS REQUIRED BY THE LOCAL BUILDING OFFICIAL. NOTIFY ENGINEER OF RECORD AND ARCHITECT FOR STRUCTURAL OBSERVATION VIA EMAIL A MINIMUM OF 72 HOURS PRIOR TO ANY OF THE FOLLOWING EVENTS:

- INSTALLATION OF PILES AND /OR DRILLED SHAFTS
- ALL CONCRETE/GROUT POURS (WITH IDENTIFICATION OF SPECIFIC ELEMENTS TO BE POURED).
- COMMENCEMENT OF MASONRY WORK
- NEAR COMPLETION OF STRUCTURAL STEEL ERECTION.
- PLACEMENT OF INTERIOR SHEATHING OR INSULATION COVERING WOOD FRAMING OR COLD-FORMED METAL FRAMING.
- PLACEMENT OF ROOFING COVERING ROOF DECK.

FAILURE TO NOTIFY MAY REQUIRE REMOVAL OF COMPLETED WORK.

PROVIDE COMPREHENSIVE ELECTRONICALLY TRANSMITTED PHOTOS OF ANY REQUESTED WORK TO ENGINEER PRIOR TO ANY OF THE ABOVE EVENTS IN LIEU OF OBSERVATION IF DEEMED ACCEPTABLE BY ENGINEER.

B. DESIGN LOADS AND REQUIREMENTS SECTION

(1) ROOF DESIGN LOADS
LIVE LOAD ----------20 PSF (REDUCIBLE)
LIVE LOAD ----------300 LB (CONCENTRATED)
GROUND SNOW LOAD ---------- 0 PSF

(2) LATERAL DESIGN - WIND
ASCE 7-16
ULTIMATE DESIGN WIND SPEED (V_{ult})------- 133 MPH
NOMINAL DESIGN WIND SPEED (V_{asd})------- 103 MPH
EXPOSURE CATEGORY ---------- D
RISK CATEGORY ---------- I
INTERNAL PRESSURE COEFFICIENT ---------- +/-0.18
MWFRS - DIRECTIONAL PROCEDURE

C. METAL DECKING

ALL METAL DECK SHALL BE FABRICATED AND ERECTED AS PER THE STEEL DECK INSTITUTE'S STANDARDS AND THE MANUFACTURER'S SPECIFICATIONS.

SEE THE "METAL DECKING REQUIREMENTS" TABLE FOR DESCRIPTION OF METAL DECKING.

PUDDLE WELDS (IF SPECIFIED) THAT BURN THROUGH DECKING ARE NOT ACCEPTABLE, AND SHALL BE REPAIRED.

ALL FLOOR AND ROOF OPENINGS AND OTHER SUCH REQUIREMENTS SHALL BE COORDINATED WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

D. STRUCTURAL STEEL

STRUCTURAL STEEL MEMBERS SHALL BE MADE USING THE FOLLOWING GRADES:

PLATE, BARS, & ANGLES ---------- ASTM A36

ALL STRUCTURAL STEEL SHALL BE FABRICATED, COATED, AND ERECTED AS PER THE AISC SPECIFICATIONS.

ALL WELDS SHALL BE WITH E70XX ELECTRODES AND IN ACCORDANCE WITH AWS STANDARDS. MINIMUM FILLET WELD SIZE SHALL BE 1/4" - U.N.O. FOULING ELEMENTS SUCH AS PAINT, OIL, GREASE, OR OTHER CONTAMINANTS SHALL BE REMOVED AT ALL WELDED CONNECTIONS PRIOR TO WELDING.

THE STEEL FABRICATOR SHALL PROVIDE AN ALLOWANCE IN HIS BASE BID FOR A TOTAL OF 1 TON OF MISCELLANEOUS STEEL AS DEEMED NECESSARY BY STRUCTURAL ENGINEER. THIS ALLOWANCE SHALL COVER ALL DETAILING, FABRICATION, MATERIALS, PAINTING, DELIVERY, ERECTION, COATINGS, AND OTHER ASSOCIATED COSTS. THE EXACT SIZE AND QUANTITY OF STEEL MATERIAL SHALL BE SELECTED BY THE STRUCTURAL ENGINEER AS REQUIRED. DEDUCTIONS FROM STEEL ALLOWANCE SHALL BE MADE IN TERMS OF WEIGHT OF MATERIAL ADDED. ANY UNUSED PORTIONS OF THIS ALLOWANCE SHALL BE CREDITED BACK TO THE OWNER AT THE RATE OF $8,000.00 PER TON.

E. RENOVATIONS

EXISTING CONDITIONS:
ALL DIMENSIONS AND CONDITIONS TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION ARE APPROXIMATE AND ARE NOT PURPORTED TO BE EXACT. ALL SUCH DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE PREPARATION OF SHOP DRAWINGS. FIRST SUBMITTAL OF SHOP DRAWINGS MUST CONTAIN CORRECT CONDITIONS AND DIMENSIONS OBTAINED FROM THE FIELD. IF CONDITIONS AND DIMENSIONS VARY GREATLY FROM THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PREPARATION OF SHOP DRAWINGS.

SHORING:
SHORE AND BRACE ALL EXISTING FRAMING AS REQUIRED IN ORDER TO ACCOMPLISH WORK SHOWN ON DRAWINGS. DESIGN OF ALL SHORING SHALL BE PROVIDED BY THE CONTRACTOR. SHORING SHALL BE PROVIDED AT OR IMMEDIATELY ADJACENT TO LOCATION OF EXISTING SUPPORT REMOVAL.

DEMOLITION OF EXISTING CONSTRUCTION:
PRIOR TO THE START OF DEMOLITION OR EXPLORATORY WORK, THE OWNER SHALL EMPLOY AN INDEPENDENT TESTING LABORATORY TO SURVEY THE EXISTING SITE CONDITIONS FOR THE PRESENCE OF HAZARDOUS MATERIALS SUCH AS, BUT NOT LIMITED TO, LEAD-BASED PAINT, ASBESTOS, MOLD, ETC. IF THE TESTS RESULTS ARE POSITIVE FOR ANY HAZARDOUS MATERIALS, THE OWNER SHALL EMPLOY A REMEDIATION FIRM TO REMOVE THE HAZARDOUS MATERIALS IN COMPLIANCE WITH THE GUIDELINES AND REGULATIONS OF LOCAL, STATE, AND FEDERAL GOVERNMENTS BEFORE DEMOLITION OR EXPLORATORY WORK MAY COMMENCE.

DAMAGE TO EXISTING CONSTRUCTION:
ALL WORK SHALL BE DONE IN A MANNER WHICH WILL NOT DAMAGE ADJACENT EXISTING CONSTRUCTION WHICH IS TO REMAIN.

PATCHING MATERIALS AND INSTALLATION:
ALL MATERIALS USED FOR PATCHING SHALL MATCH EXISTING MATERIALS IN APPEARANCE AND QUALITY. WORKMANSHIP SHALL BE IN CONFORMANCE WITH TODAY'S STANDARDS BUT SHALL BE NO LESS IN QUALITY THAN ANY OF THE ADJACENT WORKMANSHIP IN THE AREA BEING PATCHED.

PENETRATIONS IN EXISTING MASONRY/BRICK WALLS:
ALL NEW PENETRATIONS THROUGH EXISTING MASONRY WALLS OR CONCRETE SLAB GREATER THAN 3" AND NOT SHOWN HEREIN THESE DRAWINGS SHALL BE APPROVED BY FOX-NESBIT IN WRITING.

PRICING/BIDDING:
ALL ELEMENTS SHALL BE CONSIDERED NEW FOR PRICING/BIDDING UNLESS SPECIFICALLY IDENTIFIED AS EXISTING.

WELDING IN ENCLOSED SPACES:
WELDING IS TO BE PERFORMED IN ENCLOSED SPACES AND PROXIMITY TO EXISTING MATERIALS. TAKE NECESSARY VENTILATION, FIRE AND SAFETY PRECAUTIONS THAT ARE IN COMPLIANCE WITH THE GUIDELINES AND REGULATIONS OF LOCAL STATE, AND FEDERAL GOVERNMENTS INCLUDING AWS AND OSHA REQUIREMENTS BEFORE WORK MAY COMMENCE.

F. NOTICE

THE USE OF REPRODUCTION OF THESE CONTRACT DRAWINGS BY THE CONTRACTOR, SUB-CONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARED SHOP DRAWINGS SIGNIFIES HIS ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT AND OBLIGATES HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING FROM ANY ERRORS THAT MAY BE PRESENT HEREON.

IN THE EVENT OF CONFLICTING OR DIFFERING REQUIREMENTS INDICATED ON THE STRUCTURAL DRAWINGS AND/OR SPECIFICATIONS THAT HAVE NOT BEEN CLARIFIED OR CHANGED, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY, GREATER QUANTITY, OR MORE STRINGENT UNLESS DIRECTED OTHERWISE BY ARCHITECT/ENGINEER.

THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION, EXCEPT WHERE SPECIFIC REQUIREMENTS ARE PROVIDED. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE AND PERSONNEL DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, EXCAVATION PROTECTION, SCAFFOLDING, JOB SITE SAFETY, ETC. STRUCTURAL ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES OF CONSTRUCTION.

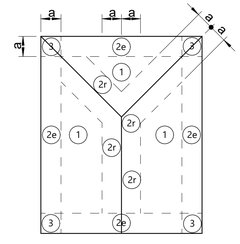
FIELD VERIFICATIONS

CONTRACTOR TO FIELD MEASURE ALL NEEDED DIMENSIONS PRIOR TO ORDERING MATERIAL.

CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL DETAILS, GEOMETRY, DIMENSIONS, AND ELEVATIONS PRIOR TO ORDERING/FABRICATION OF MATERIALS. CONTACT ARCHITECT AND ENGINEER IMMEDIATELY IF ANY DIMENSIONS, DETAILS, OR ELEVATIONS ARE NOT FOUND TO MATCH THOSE SHOWN ON THE PLANS.

ABBREVIATIONS

@ ---------- AT
A/E ---------- ARCHITECT/ENGINEER
A.F.F. ---------- ABOVE FINISHED FLOOR
ARCH. ---------- ARCHITECTURAL
BF ---------- BRACED FRAME
BM. ---------- BEAM
B.O.C. ---------- BEAM ON COLUMN
B.O.S. ---------- BOTTOM OF STEEL
BOT. ---------- BOTTOM
BTM. ---------- BOTTOM
B/W ---------- BETWEEN
BTWN. ---------- BETWEEN
C.F.M.F. OR CFMF --- COLD-FORMED METAL FRAMING
C.I.P.---------- CAST-IN-PLACE
C.G OR CG ---------- CENTER OF GRAVITY
CJP ---------- COMPLETE JOINT PENETRATION
C.L. OR CL ---------- CENTER LINE
C.O.B. ---------- COLUMN ON BEAM
COL. ---------- COLUMN
CONT. ---------- CONTINUOUS
CONNX. ---------- CONNECTION
EL. ---------- ELEVATION
ELEV.---------- ELEVATION
ELEC. ---------- ELECTRICAL
E.O.A. ---------- EDGE OF ANGLE
E.O.R. ---------- ENGINEER OF RECORD
E.O.S. ---------- EDGE OF SLAB
EXIST. ---------- EXISTING
F.F. ---------- FINISH FLOOR
FIN. FLR. ---------- FINISH FLOOR
GA. ---------- GAGE
GC ---------- GENERAL CONTRACTOR
GL ----------GLUE-LAMINATED
GR. BM. ---------- GRADE BEAM
HI ---------- DETAIL APPLIES HIGH
H.S.A. OR HSA --------HEADED STUD ANCHOR
H.S.A.S.----------HEADED STUD ANCHORS
HSS ----------HOLLOW STRUCTURAL SECTION
LO ----------DETAIL APPLIES LOW
M.B.S.----------METAL BUILDING SUPPLIER
MECH. ---------- MECHANICAL
MEP---------- MECHANICAL, ELECTRICAL, PLUMBING
O.C. ---------- ON CENTER
O.C.E.W. ---------- ON CENTER EACH WAY
OPP. ---------- OPPOSITE
PEMBS ----------PRE-ENGINEERED METAL BUILDING SUPPLIER
PL. ----------PLATE
P.T. ----------POST TENSION OR POST-TENSIONED
POST-TENS ----------POST TENSION OR POST-TENSIONED
REINF. ---------- REINFORCEMENT
RTU ---------- ROOF TOP UNIT
SIM. ----------SIMILAR
STR. ---------- STRENGTH
T.O. ---------- TOP OF
T.O.C. ---------- TOP OF CONCRETE
T.O.J. ----------TOP OF JOIST
T.O.S. ----------TOP OF SLAB
U.N.O. ----------UNLESS NOTED OTHERWISE
V.O.J. ----------VERIFY ON JOBSITE
W/ ---------- WITH
WF ---------- WIDE FLANGE
WWF ----------WELDED WIRE FABRIC



ROOF COMPONENTS AND CLADDING WIND PRESSURES (PSF) PER IBC 2021							
EWA (sf) ZONE	ZONE 1		ZONE 2		ZONE 3		REMARKS
≤ 10	-109.2	41.3	-138.4	70.4	-138.4	70.4	a = 10'-0"

NOTES:

1. EWA IS THE EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT AS DEFINED IN SECTION 6.2 OF ASCE 7-16.
2. ZONES SHOWN ARE BASED ON ASCE 7-16 FIGURE 6-11B.
3. PLUS AND MINUS SIGNS INDICATE PRESSURE ACTING TOWARD AND AWAY FROM THE EXTERIOR SURFACES, RESPECTIVELY.
4. COMPONENT AND CLADDING PRESSURES NOT PROVIDED SHALL BE CALCULATED BASED ON LATERAL DESIGN PROVISIONS PROVIDED IN THE GENERAL NOTES.
5. LINEAR INTERPOLATION MAY BE USED TO DETERMINE DESIGN PRESSURES FOR EWA VALUES BETWEEN 10 FT. SQUARED AND 100 FT. SQUARED.

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GENERAL NOTES AND SCHEDULES

Sheet Number:
S3.0