HIGH MUSEUM OF ART

WIELAND PAVILION



ANNE COX CHAMBERS WING

EXISTING TPO ROOF REPLACEMENT 1280 PEACHTREE STREET NE, ATLANTA, GA 30309

MERIK, INC. **BUILDING CONSTRUCTION CONSULTANTS** 10/13/22 - ISSUE FOR CONSTRUCTION

GENERAL NOTES:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE DESIGN PROFESSIONAL VIA RFI OF ANY ERRORS, OMISSIONS, INCONSISTENCIES, DISCREPANCIES, AND CONFLICTS WITHIN THE DRAWINGS AND SPECIFICATIONS AND FIELD CONDITIONS NO LESS THAN 72 HOURS BEFORE THE BID IS DUE.

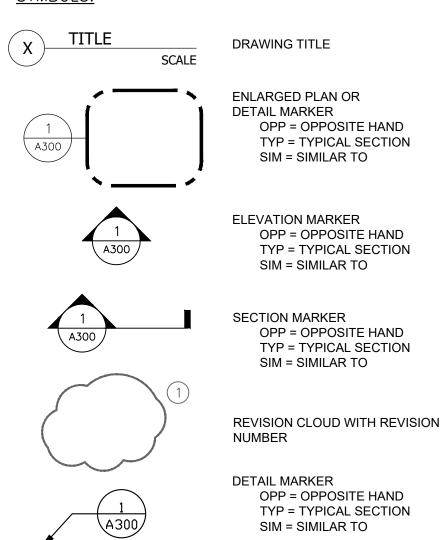
2. CONTRACTOR IS TO VERIFY LAYOUT AND DIMENSIONS AND ALL CONDITIONS IN THE FIELD WHICH MAY AFFECT THEIR BID.

3. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE REQUIRED TO VISIT THE PREMISES TO INSPECT EXISTING CONDITIONS, BECOME FAMILIAR WITH LOCAL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND CORRELATE OBSERVATIONS WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS.

EXISTING PROPERTY AND FINISHES, EXISTING-TO-REMAIN CONSTRUCTION MATERIALS OR EQUIPMENT DAMAGED BY THE CONTRACTOR SHALL BE RESTORED TO ORIGINAL CONDITION. CONTRACTOR TO DOCUMENT EXISTING OWNER'S REPRESENTATIVE.

5. DRAWINGS ARE INTENDED TO BE PRINTED AT 24x36

6. DO NOT SCALE DRAWINGS - VERIFY ALL DIMENSIONS IN FIELD

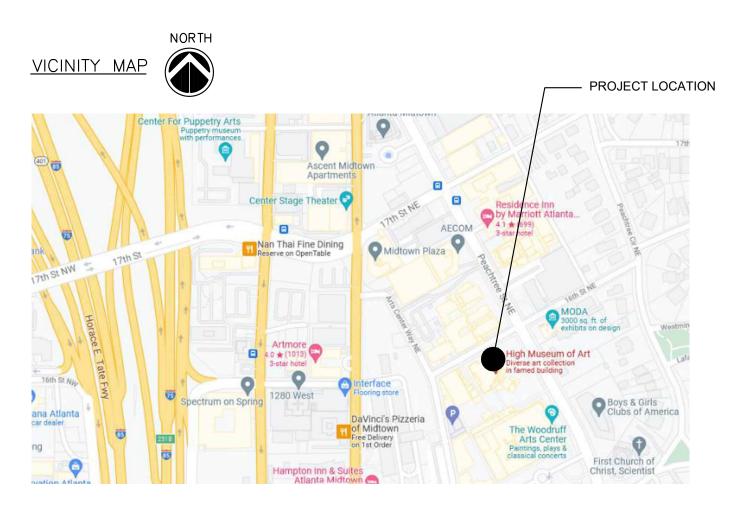


SIM = SIMILAR TO

ABBREVIATIONS

A AB ABV ADD ADJ AFF ALT ANG APX ASP ASPS	ANCHOR BOLT ABOVE ADDENDUM ADJACENT ABOVE FINISHED FLOOR ALTERNATE ANGLE APPROXIMATELY ASPHALT ASPHALT SHINGLE	E EA EL ELEC EQ EQUIP EW F FL FTG	EACH ELEVATION ELECTRICAL EQUAL EQUIPMENT EACH WAY FLOOR LEVEL FOOTING
B BD BEL BIT BLDG BL BLKG BM B.M. BOT BPL BTJT BUR BW	BOARD BELOW BITUMINOUS BUILDING BUILDING LINE BLOCKING BEAM BENCHMARK BOTTOM BEARING PLATE BUTT JOINT BUILT-UP ROOFING BOTH WAYS	G GALV H HOR	GALVANIZED HORIZONTAL
		I ID IE IL IO IP	INSIDE DIAMETER INVERT ELEVATION INVERT LEVEL INSPECTION OPENING INTERSECTION POINT
С		J JT	JOINT
CBD CF CIP CJ CL CMU CO CONC	CEMENTITIOUS BOARD CUBIC FOOT CAST IN PLACE CONTROL JOINT CENTER LINE CONCRETE MASONRY UNIT CLEAN-OUT CONCRETE CONSTRUCTION CONTINUOUS CERAMIC TILE	K K.J.	KEY JOINT
		M MAX MFGR MIN MISC	MAXIMUM MANUFACTURER MINIMUM MISCELLANEOUS
CY D	CUBIC YARD	N N.I.C. NOM NTS	NOT IN CONTRACT NOMINAL NOT TO SCALE
DIA DIM DN DWG DWG(S)	DIAMETER DIMENSION DIAMETER NOMINAL DRAWING DRAWING/S	O OC OD OPT OPP	ON CENTER OUTSIDE DIAMETER OPTIONAL OPPOSITE HAND

PLATE PLYWD PLYWOOD PRESSURE TTREATED QUANTITY **RADIUS** REFERENCE REQUIRED REVISION RIGHT HAND SIMILAR SQUARE STAINLESS STEEL STANDING SEAM METAL STD STANDARD THK THICK TO TOP OF TUBE STEEL TYP TYPICAL UNDER SIDE U/S UNLESS NOTED OTHERWISE VERTICAL VERIFY IN FIELD WATER PROOF SPECIAL CHARACTERS ° = DEGREES Ø = DIAMETER # = NUMBER



INDEX OF DRAWINGS

INDEX OF DRAWINGS				
A000	COVER SHEET			
A001	SITE PLAN AND PROJECT NOTES			
A100	PARTIAL ROOF PLAN - WIELAND PAVILION (ROOF AREA A1)			
A101	PARTIAL ROOF PLAN - WIELAND PAVILION (ROOF AREA A2)			
A102	PARTIAL ROOF PLAN - WIELAND PAVILION (ROOF AREAS B, C, &			
	PARTIAL ROOF PLAN - WIELAND PAVILION (ROOF AREAS E & F1)			
A104	PARTIAL ROOF PLAN - WIELAND PAVILION (ROOF AREAS F2 & G)			
A105	PARTIAL ROOF PLAN - ANNE COX CHAMBERS WING (AREA A)			
A106	PARTIAL ROOF PLAN - ANNE COX CHAMBERS WING (AREA B)			
A150	OVERALL WIND UPLIFT PLAN			
A300	DETAILS - TYPICAL			
A301	DETAILS - EDGE CONDITIONS			
A302	DETAILS - PERIMETER CONDITIONS & DRAINAGE			
A303	DETAILS - PENETRATIONS			
A304	DETAILS - EQUIPMENT SUPPORTS & MISC.			
A305	DETAILS - CURBS			

APPLICABLE CODES AND STANDARDS

WORK SHALL BE IN ACCORDANCE WITH THE CURRENT BUILDING CODE FOR THE CITY OF ATLANTA, GEORGIA, INCLUDING LOCAL AMENDMENTS. THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS AND ARE REFERENCED BY THE BASIC DESIGNATION. IN THE CASE OF CONFLICTING REQUIREMENTS THE BUILDING CODE (IBC) SHALL GOVERN.

INTERNATIONAL BUILDING CODE, 2018 WITH GEORGIA AMENDMENTS INTERNATIONAL ENERGY CONSERVATION CODE, 2015

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION ASTM ASTM INTERNATIONAL

AMERICAN NATIONAL STANDARDS INSTITUTE

SMACNA SHEET METAL & AIR CONDITIONER CONTRACTOR'S NATIONAL ASSOCIATION NATIONAL ROOFING CONTRACTORS ASSOCIATION





HIGH MUSEUM OF A
WIELAND PAVILION AND A
EXISTING TPO ROOF REPL/

Project: 21096_6 Drawn: TRM/ Approved TW

10/13/22 Issue for Construction

COVER

1. Remove and discard the existing sheet metal copings at the perimeter

2. Remove the existing lightning protection system. Do not remove more

lightning protection than necessary for four (4) weeks of work.

3. At the existing TPO roof areas, completely remove the existing roof

C. Section 030100 Concrete Preparation

ANNE COX

CHAMBERS WING

parapet walls and roof edge conditions. Retain the necessary representative

membrane, insulation, wood nailers, flashings, expansion joints, sheet metal

components, drain hardware (existing drain bowls are to remain), and all

other associated roof materials down to the sloped structural concrete roof

1. Shot blast, scarify, or hand prepare concrete surfaces to provide a sound

tar, primer, coatings, adhesives, sealer, or any material that may inhibit

adhesion of the specified primer. Generate a concrete surface profile of

provided that a surface profile of CSP-2 to CSP-4 can be generated. The

surface profile of the existing concrete shall be in accordance with the

2. Before application of the waterproofing membrane, and after priming, fill all

repair mortar manufacturer's published minimum and maximum product

deterioration, cracking, or other major defects of the substrate and not

intended for careless demolition by the contractor or any filling and patching

thickness limitations per lift. The repair allowance is for unexpected

reasonably expected or required to install the specified system.

manufacturer's requirements and specified in 071813.

substrate free from laitance, carbonated concrete, residue from bitumen, coal

CSP-2 to CSP-4 as defined by ICRI. Grinding may be used as a preparation

method for localized areas that cannot be reached by shot blasting equipment

joints, cracks, voids, fractures, depressions, small indentations, and low areas

in the substrate using the specified paste or repair mortar. Follow the paste or

pieces in good condition for fabrication of precise matching replacements.





AND AND REP EUM N OF F MUSEL AVILIOI PO ROC STREET H E

Project: 21096_6 Drawn: TRM/ Approved TW

10/13/22 Issue for Construction

SITE PLAN AND

PROJECT NOTES

2. Existing structure to remain. Contractor to verify integrity of existing structure and notify owner if any of the proposed new work will adversely affect the

becomes damaged during demolition promptly repair damage caused to facilities

assembly consisting of a Paradiene 20 TG F torch-applied base ply and

system shall remain. The alternate bid shall still include the use of PMMA

B. Alternate No. 2: The cost to shift project activities creating excessive noise or

reinforced flashings at penetrations, drains, curbs.

* SEE SPECIFICATIONS FOR FULL EXTENT OF WORK.

odor to off hours and/or nights.

Paradiene 30 TG BW torch-applied cap sheet over the roof cover board in lieu of

the specified base bid PMMA system. All other components of the base bid roof

4. Conduct demolition operations and debris removal to ensure minimum

6. Contractor to verify all conditions and elements prior to submitting bid.

2. Install a new torch-applied Paradiene 20 TG F SBS modified bitumen

Ensure drains are free-flowing at all times.

system, system R value of R-25 minimum.

cross-directional to the VIP insulation panels.

HD polyisocyanurate cover board.

6. Install new torch-applied Paradiene 20 TG F SBS modified bitumen

7. Install a new torch-applied Pro Base TG SBS modified bitumen roof membrane over the DensDeck cover board.

membrane system with broadcast ceramic color quartz aggregate and color finish. Color to be selected from manufacturer's standard palette of colors.

temporary roof membrane / vapor barrier over the existing concrete roof deck.

3. Install a new adhered OPTIM-R vacuum insulated panel (VIP) insulation

4. Install new adhered 1/2" High Density (HD) polyisocyanurate cover board

5. Install new adhered 1/4" DensDeck Prime cover board cross-directional to the bases, stanchions, wide-flange beams, plates, etc.

expansion joint and stripping plies.

8. Install a Situra FlamLine expansion joint system to replace existing TPO

9. Install a new fully-reinforced polymethyl methacrylate (PMMA) waterproof

10. Install new PMMA membrane flashings and associated sealants at perimeter wall conditions, drains, parapet wall bases, fenestration, curbs, and penetrations.

F. Section 076000 Flashing and Sheet Metal

master certificate/master label. If there is no documentation for the concealed work and grounding, the system will receive a limited scope certification or letter of findings.

1. Install the specified sealant at locations indicated in the construction

I. Section 099100 Painting

1. Clean and paint / touch-up any surfaces scratched, dinged, or damaged during construction. To be color matched to existing off-white at Owner's

2. Clean, prepare, and paint unfinished rooftop metal such as unistrut, davit

J. Section 264100 Lightning Protection

1. Replace existing lightning protection system with all new materials and components. 2. Install temporary cables/fixtures as required to maintain the lightning

protection system in a functional condition, throughout the duration of the

3. Lightning protection removal, temporary maintenance, and replacement shall be executed and supervised by a company specializing in the installation of lightning protection systems, listed in the current UL Electrical Construction Directory, and listed in the Lightning Protection Institute Directory as a Master

Installer / Designer. 4. Upon completion of the work the lightning protection installer shall perform a full system inspection and provide a Letter of Findings. Where there is an existing UL Master Label (expired or current) and the design on the system

can be verified by the installer, the project must receive a reconditioned

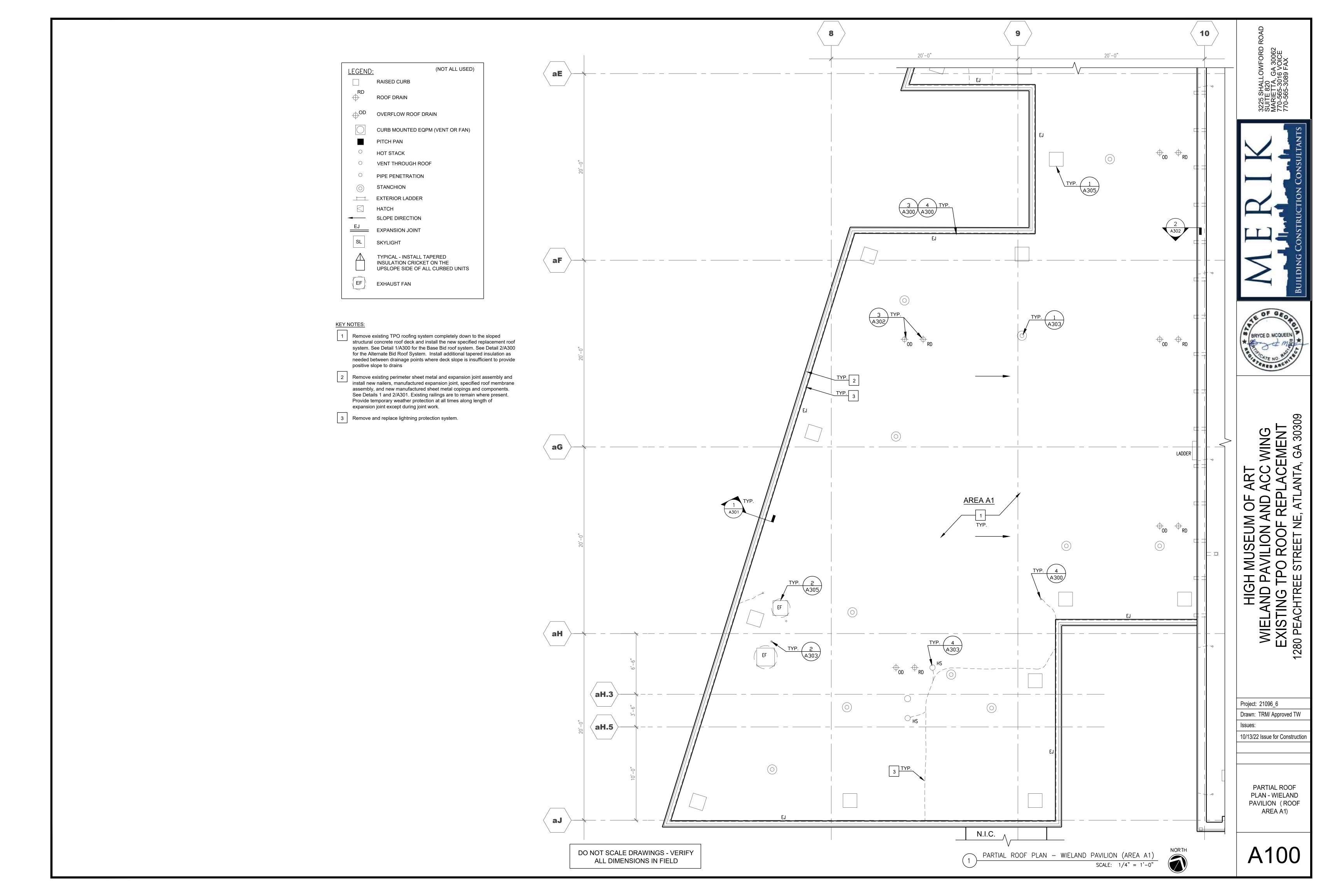
existing structure. 3. Protect from damage existing finish work that is to remain in place. If it

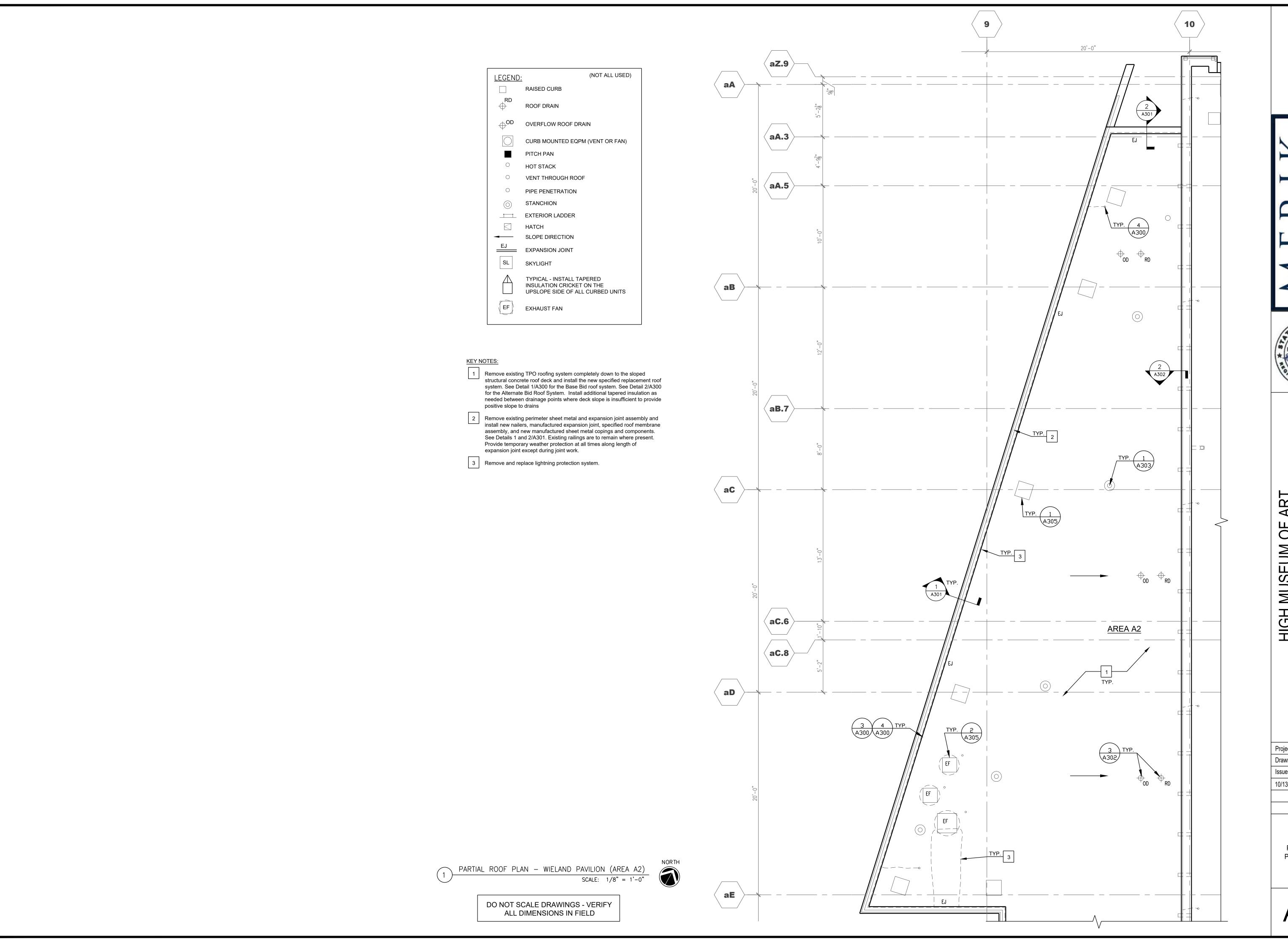
by demolition.

interference with walks, roads, and occupied spaces, and adjacent facilities.

5. Contractor shall verify existing structure prior to submittal of bid and prior to any demolition operations.

7. DO NOT SCALE DRAWINGS - VERIFY ALL DIMENSIONS IN FIELD











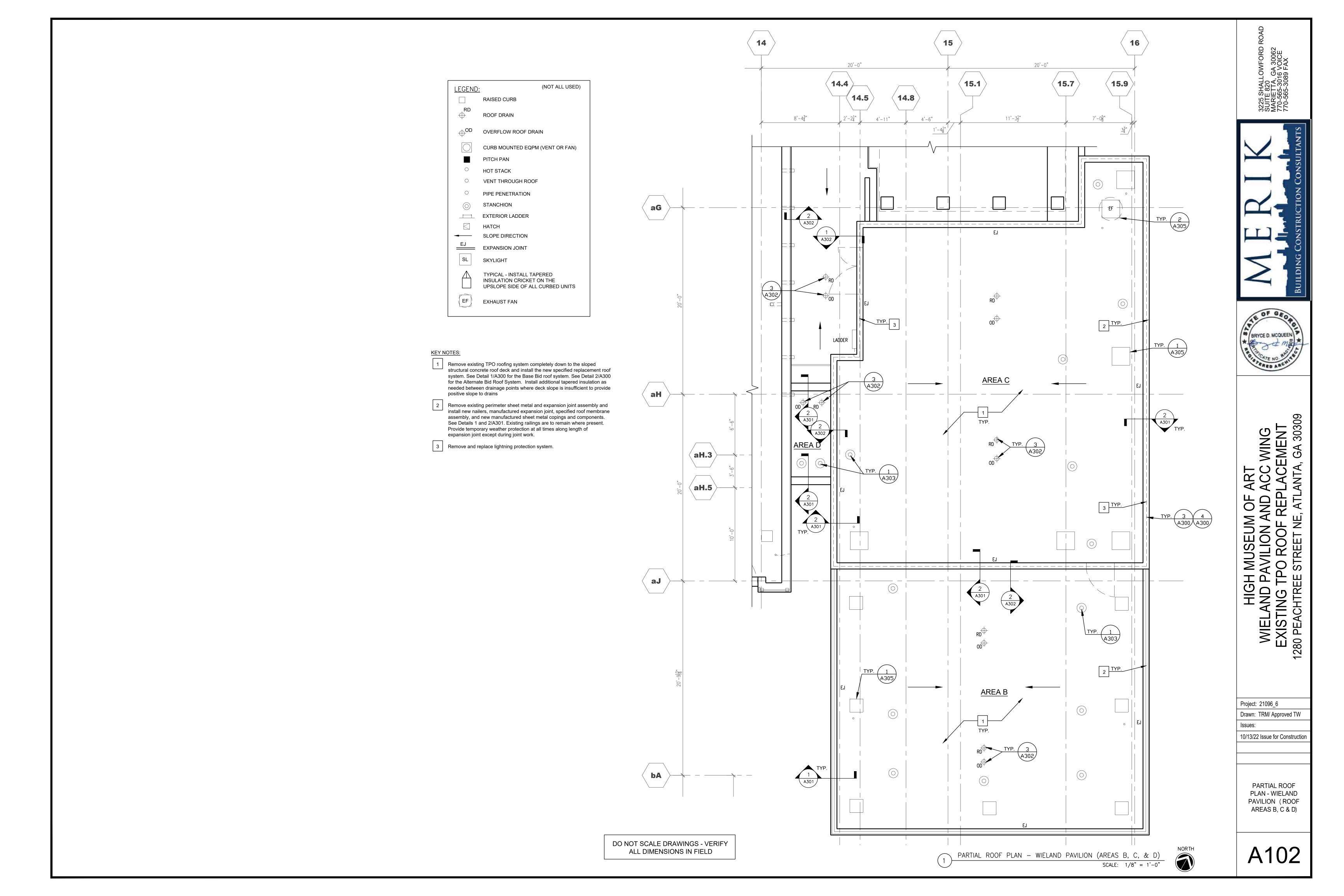
HIGH MUSEUM OF ART
WIELAND PAVILION AND ACC W
EXISTING TPO ROOF REPLACEN
1280 PEACHTREE STREET NE, ATLANTA, G

Project: 21096_6 Drawn: TRM/ Approved TW

10/13/22 Issue for Construction

PARTIAL ROOF PLAN - WIELAND PAVILION (ROOF AREA A2)

A101







HIGH MUSEUM OF ART
WIELAND PAVILION AND ACC V
EXISTING TPO ROOF REPLACEN
1280 PEACHTREE STREET NE, ATLANTA, 0

Project: 21096_6 Drawn: TRM/ Approved TW 10/13/22 Issue for Construction

> PARTIAL ROOF PLAN - WIELAND PAVILION (ROOF AREAS E & F1)

A103

(NOT ALL USED) RAISED CURB **ROOF DRAIN** OVERFLOW ROOF DRAIN CURB MOUNTED EQPM (VENT OR FAN) PITCH PAN HOT STACK VENT THROUGH ROOF O PIPE PENETRATION STANCHION ____ EXTERIOR LADDER SLOPE DIRECTION EJ EXPANSION JOINT TYPICAL - INSTALL TAPERED INSULATION CRICKET ON THE UPSLOPE SIDE OF ALL CURBED UNITS EXHAUST FAN

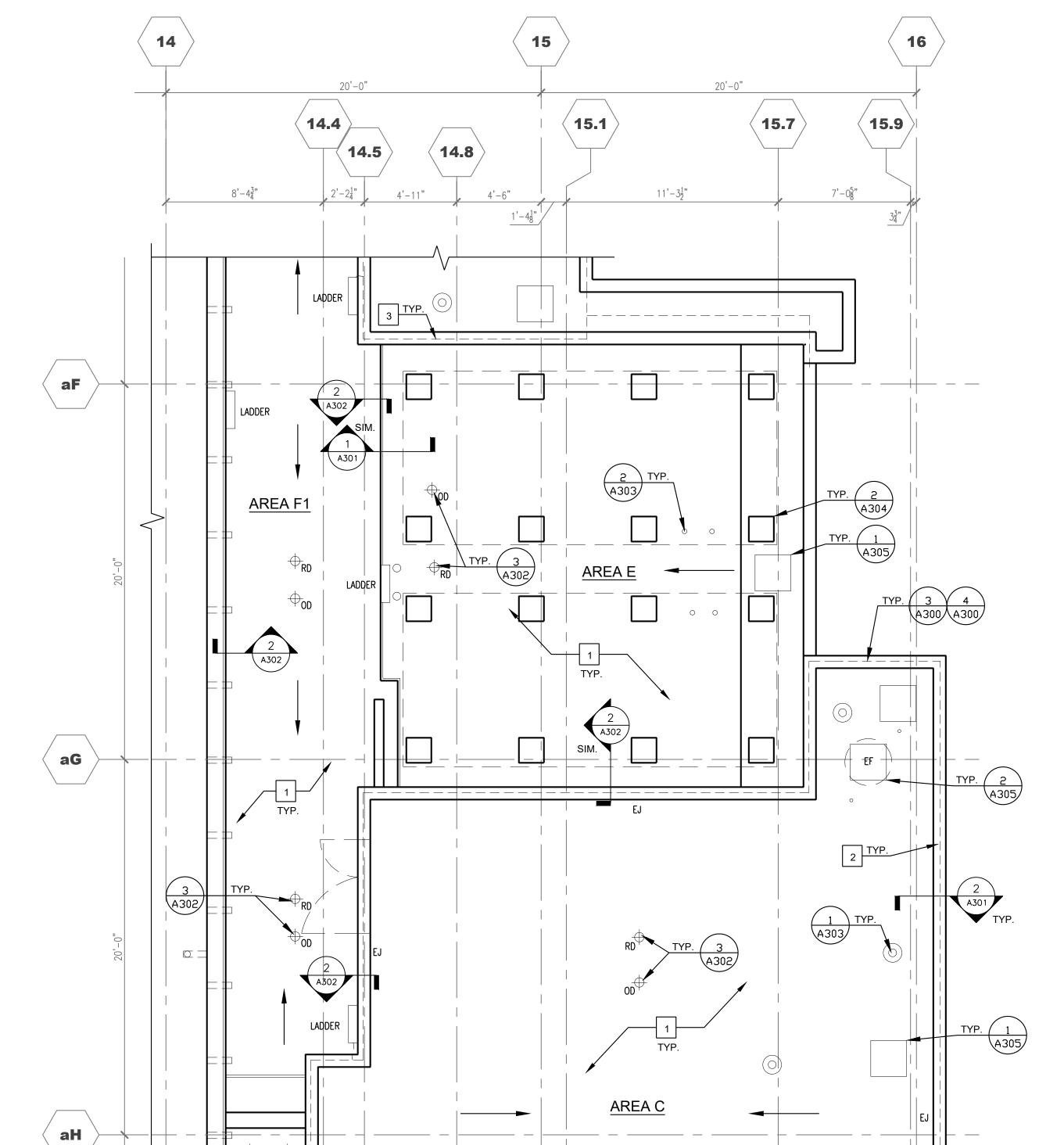
KEY NOTES:

- 1 Remove existing TPO roofing system completely down to the sloped structural concrete roof deck and install the new specified replacement structural concrete roof deck and install the new specified replacement roof system. See Detail 1/A300 for the Base Bid roof system. See Detail 2/A300 for the Alternate Bid Roof System. Install additional tapered insulation as needed between drainage points where deck slope is insufficient to provide positive slope to drains
- 2 Remove existing perimeter sheet metal and expansion joint assembly and install new nailers, manufactured expansion joint, specified roof membrane assembly, and new manufactured sheet metal copings and components. See Details 1 and 2/A301. Existing railings are to remain where present. Provide temporary weather protection at all times along length of expansion joint except during joint work.

DO NOT SCALE DRAWINGS - VERIFY

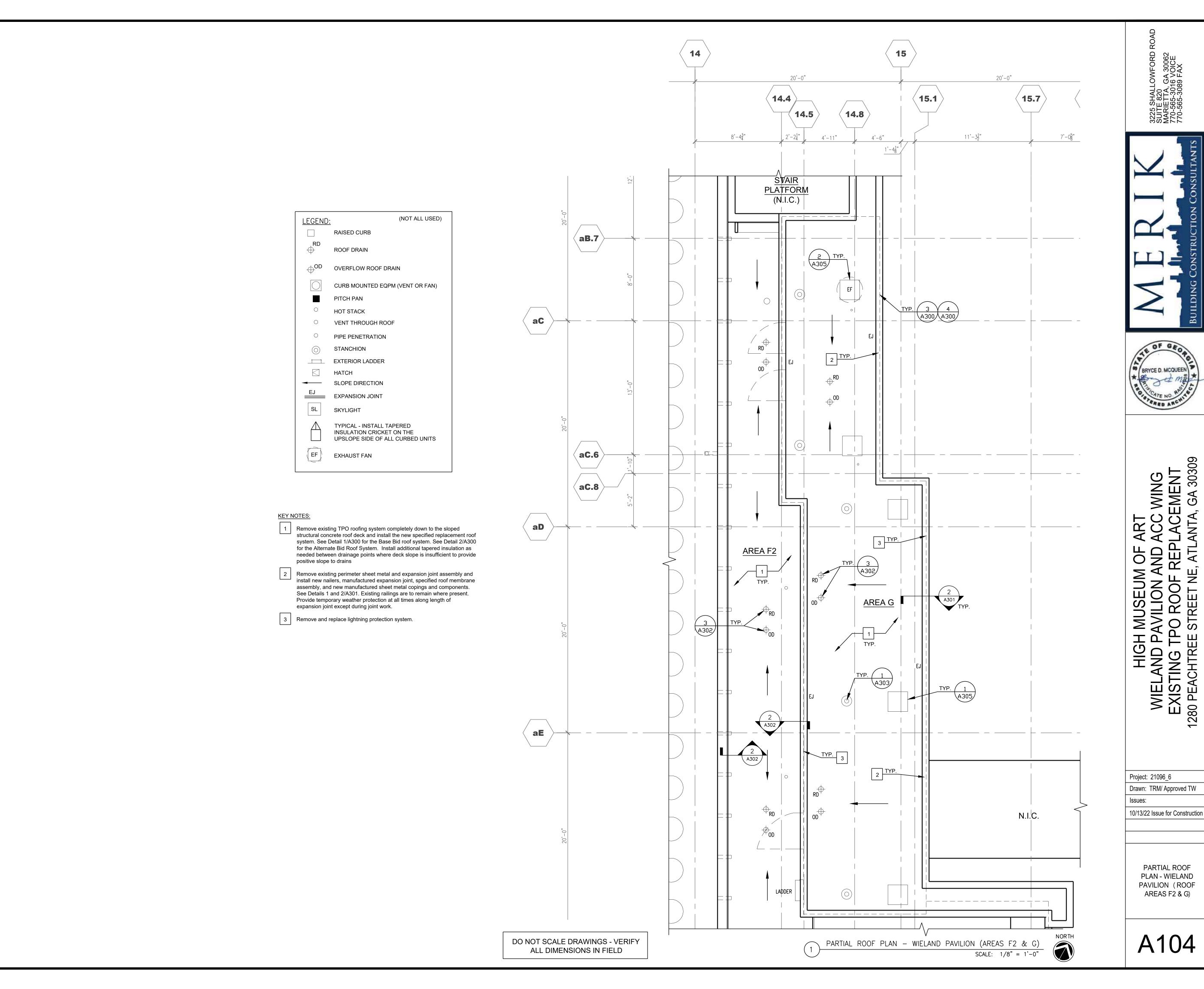
ALL DIMENSIONS IN FIELD

3 Remove and replace lightning protection system.



PARTIAL ROOF PLAN - WIELAND PAVILION (AREAS E & F1)

SCALE: 1/8" = 1'-0"



(NOT ALL USED)

LEGEND:

RAISED CURB

ROOF DRAIN

OD OVERFLOW ROOF DRAIN

HOT STACK

O PIPE PENETRATION

____ EXTERIOR LADDER

EXHAUST FAN

TYPICAL - INSTALL TAPERED INSULATION CRICKET ON THE

UPSLOPE SIDE OF ALL CURBED UNITS

HATCH → SLOPE DIRECTION EJ EXPANSION JOINT

VENT THROUGH ROOF

PITCH PAN

STANCHION

CURB MOUNTED EQPM (VENT OR FAN)

10/13/22 Issue for Construction

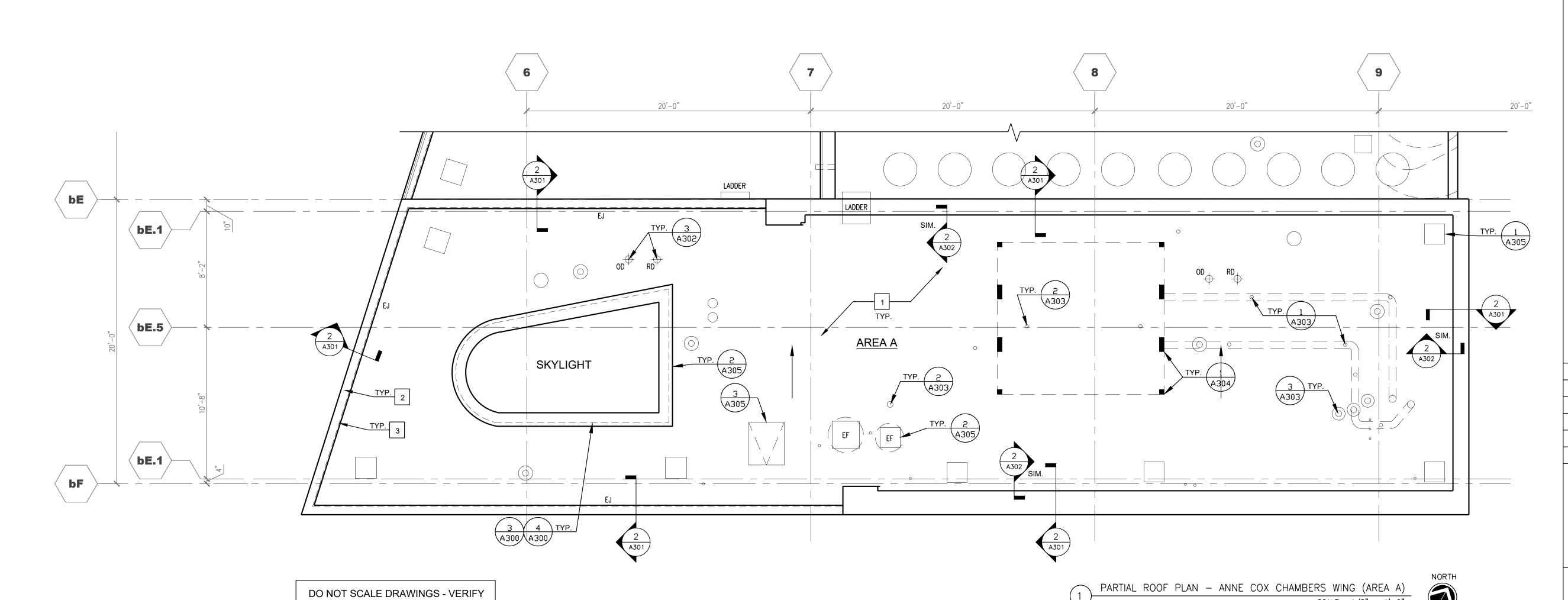
PARTIAL ROOF PLAN - ANNE COX CHAMBERS WING (AREA A)

A105

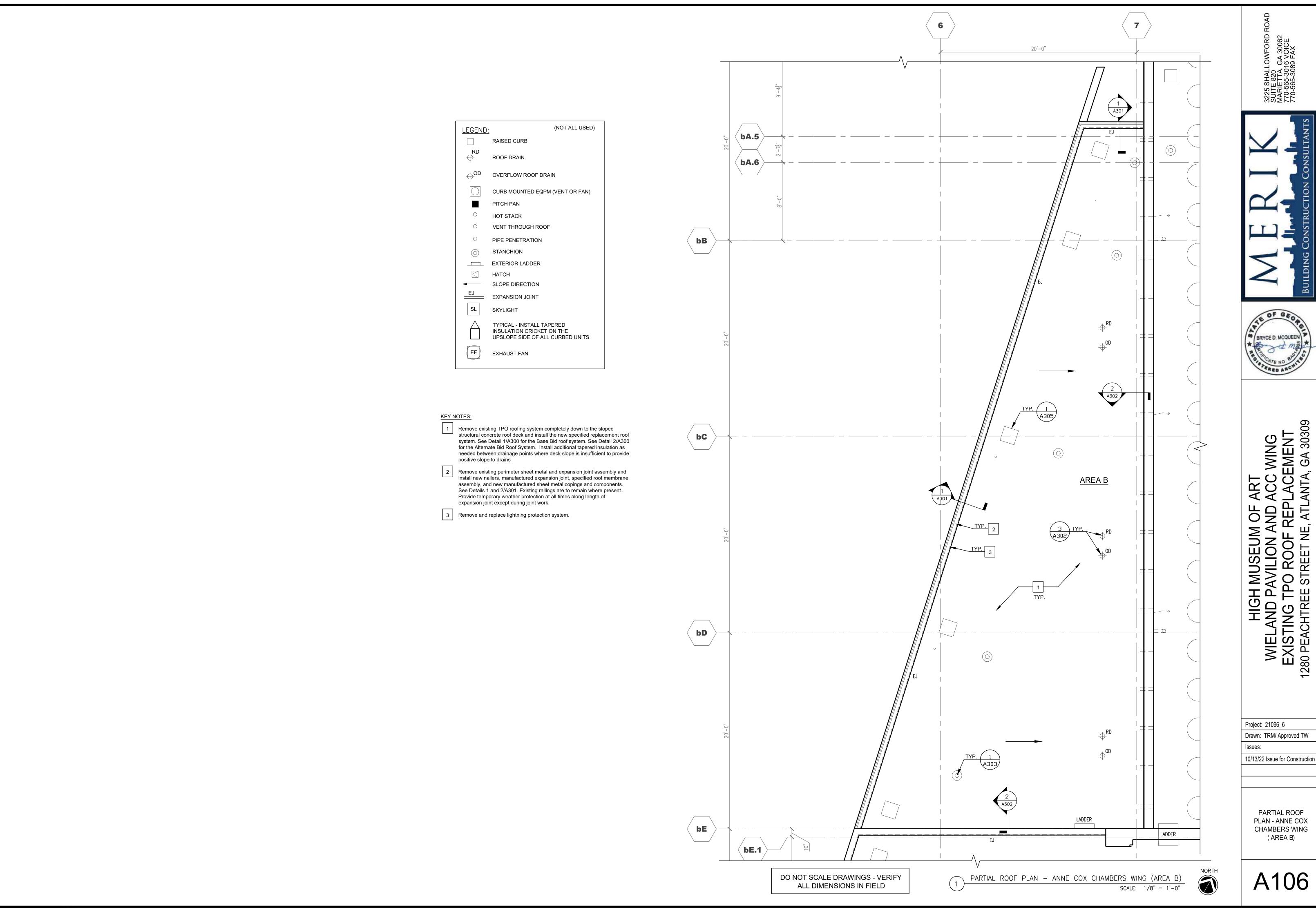
assembly, and new manufactured sheet metal copings and components. See Details 1 and 2/A301. Existing railings are to remain where present. Provide temporary weather protection at all times along length of expansion joint except during joint work.

3 Remove and replace lightning protection system.

KEY NOTES: Remove existing TPO roofing system completely down to the sloped structural concrete roof deck and install the new specified replacement roof system. See Detail 1/A300 for the Base Bid roof system. See Detail 2/A300 for the Alternate Bid Roof System. Install additional tapered insulation as needed between drainage points where deck slope is insufficient to provide positive slope to drains 2 Remove existing perimeter sheet metal and expansion joint assembly and install new nailers, manufactured expansion joint, specified roof membrane



ALL DIMENSIONS IN FIELD







Drawn: TRM/ Approved TW

10/13/22 Issue for Construction

PLAN - ANNE COX CHAMBERS WING

The wind uplift forces are in accordance with the current ASCE 7-16 Standard and are used for the resistance of the designed roofing systems to resist these forces. The analysis of the structures to resist these forces is not included nor a part of this scope of work. Wind pressures shown are allowable wind pressures and are to be used for the design of the roof assembly. These wind pressures are based on ultimate wind pressures reduced by a factor of 0.6 for wind and increased by a safety factor of 2.0. Risk Category III Exposure Category B Basic Wind Speed = 115 mph WIND UPLIFT ZONES AND PRESSURES (pounds per square foot - psf) TYP. ZONE 2 ZONE 1 TYP. ZONE 3 ZONE 2 TYP. ZONE 3 TYP. ZONE 3 ZONE 1 ZONE 3 OVERALL WIND UPLIFT PLAN

SCALE: 1/16" = 1'-0" 8'-0" TYP. ZONE 2 TYP.









HIGH MUSEUM OF ART
WIELAND PAVILION AND ACC W
EXISTING TPO ROOF REPLACEN
1280 PEACHTREE STREET NE, ATLANTA, G

Project: 21096_6 Drawn: TRM/ Approved TW

10/13/22 Issue for Construction

OVERALL WIND UPLIFT PLAN

A150

PARADIENE 30 FR TG BW

PARADIENE 20 TG F (TORCH APPLIED)

(TORCH APPLIED, BRIGHT WHITE)

—— 1/4" DENSDECK PRIME (ADHERED)

1/2 " HD POLYISOCYANURATE

R-25 OPTIM-R VACUUM INSULATED PANEL INSULATION (ADHERED)

- PREPARED CONCRETE ROOF DECK

COVER BOARD (ADHERED)

- PARADIENE 20 TG F VAPOR

- PRO COLOR FINISH

— PRO FLEECE

(ADHERED)

- CERAMIC COLOR QUARTZ

—— PARAPRO MEMBRANE RESIN

— PARADIENE PRO BASE TG (TORCH APPLIED)

- 1/4" DENSDECK PRIME

(TORCH APPLIED)

- 1/2 " HD POLYISOCYANURATE

- R-25 OPTIM-R VACUUM INSULATED

— PARADIENE 20 TG F VAPOR BARRIER

— PREPARED CONCRETE ROOF DECK

PANEL INSULATION (ADHERED)

COVER BOARD (ADHERED)

- PARAPRO MEMBRANE RESIN QUARTZ EMBEDMENT LAYER — PARAPRO MEMBRANE RESIN

PARADIENE SYSTEM DETAIL - ALTERNATE BID

BARRIER (TORCH APPLIED)





WING EMENT A, GA 30309 OF MUSE(AVILION PO ROC STREET

HG

Project: 21096_6 Drawn: TRM/ Approved TW

10/13/22 Issue for Construction

DETAILS -TYPICAL

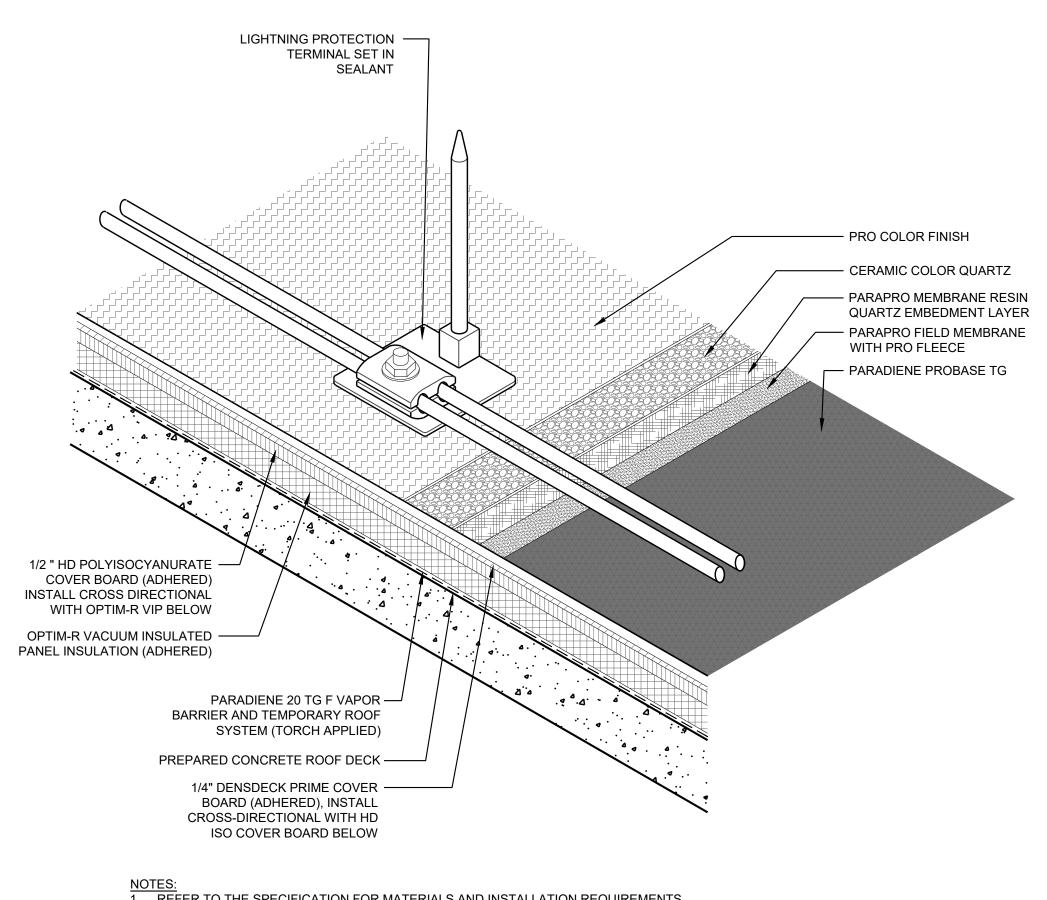
PARAPRO SYSTEM DETAIL - BASE BID

1. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT

2. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION

OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL.

SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.



WITH OPTIM-R VIP BELOW 1. REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS. 2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF

— 1/2" STAINLESS STEEL HEX NUT AND

1-1/4" O.D. STAINLESS STEEL WASHER

— LIGHTNING PROTECTION CONDUCTOR

 PARAPRO MEMBRANE RESIN QUARTZ EMBEDMENT LAYER

PARAPRO FIELD MEMBRANE

PARADIENE PRO BASE TG

WITH PRO FLEECE

(TORCH APPLIED)

☐ OPTIM-R VACUUM INSULATED

PANEL INSULATION (ADHERED)

1/4" DENSDECK PRIME COVER

CROSS-DIRECTIONAL WITH HD

BOARD (ADHERED), INSTALL

ISO COVER BOARD BELOW

— 1/2 " HD POLYISOCYANURATE

COVER BOARD (ADHERED),

INSTALL CROSS-DIRECTIONAL

- 2-1/2" PVC CAP WITH 1/2" O.D. HOLE

IN CENTER

PMMA FLASHING

INSULATION AND COVER BOARD. 3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL.

4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION

SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

PARALLEL CABLE CLAMP WITH 1/2" O.D. THREADED ——— HOLE FOR ALL THREAD, FOR MID-ROOF POINTS,

REPLACE CABLE CLAMP WITH AIR TERMINALS

2" LEAD WASHER BETWEEN CAP AND CLAMP ——

1/2" STAINLESS STEEL ALL THREAD ROD —

1/2" STAINLESS STEEL HEX NUT AND 2" — O.D. STAINLESS STEEL WASHER

PRO COLOR FINISH ——

PARADIENE 20 TG F VAPOR —

TOGGLE BOLT ONLY TO BE USED WHEN USING AN -

ALTERNATE CONNECTION TO STEEL. NOT TO BE

USED WHEN DRILLING AND TAPPING

2" O.D. STAINLESS STEEL WASHER —

SYSTEM (TORCH APPLIED)

PREPARED CONCRETE ROOF DECK ———

BARRIER AND TEMPORARY ROOF

CERAMIC COLOR QUARTZ —

2" PVC CONDUIT SCHEDULE 40 -WRAPPED IN LEAD JACKET

> LIGHTNING PROTECTION PENETRATION DETAIL SCALE: 1" = 1'-0"

1. REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS.

2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF

INSULATION AND COVER BOARD. 3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT

OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL. 4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

> LIGHTNING PROTECTION DETAIL SCALE: 3'' = 1'-0''

DETAIL DESIGN BASED ON BASE BID ASSEMBLY, SEE DETAIL 1/A300. SEE DETAIL 2/A300 FOR ALTERNATE BID ASSEMBLY

STRIP-IN TOP OF CLEAT AND

OF PARAPRO MEMBRANE

— PARAPRO FLASHING

— SITURA FLAMLINE 40

CERAMIC COLOR QUARTZ

— PRO COLOR FINISH

NEW WOOD NAILERS. ----

HEIGHT MAY VARY.

INSTALL TO MATCH

NEW SHEET-METAL PARAPET CAP & CLEAT

EXISTING SHEET METAL

ROOF EDGE ELEVATION.

PARADIENE PRO BASE TG

MINERAL WOOL INSULATION

PARADIENE 20 TG F. FORM

LINER AT EXPANSION JOINT

AND EXTEND COMPLETELY

TORCH APPLIED OVER

SITURA FLAMLINE

OVER NAILER

OPTIM-R VACUUM INSULATED

AND TEMPORARY ROOF SYSTEM ———

PREPARED CONCRETE ROOF DECK ———

INSULATION AND COVER BOARD.

WITH SPECIFIED REQUIREMENTS.

(TORCH APPLIED)

REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS.

2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF

3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT

RE-INSTALL LIGHTNING PROTECTION SYSTEM AT ROOF PERIMETER IN ACCORDANCE

SCALE: 3'' = 1'-0''

6. INSTALL SACRIFICIAL MEMBRANE PROTECTION AS REQUIRED BY MANUFACTURER TO

4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION

OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL.

GRAVEL STOP WITH GUARD RAIL DETAIL

SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

5. LIGHTNING PROTECTION SYSTEM NOT SHOWN FOR CLARITY. REMOVE AND

PANEL INSULATION (ADHERED)

PARADIENE 20 TG F VAPOR BARRIER

FASTENERS WITH DETAIL COAT

MEMBRANE WITH PRO FLEECE

- PARAPRO MEMBRANE RESIN

PARAPRO FIELD MEMBRANE

— PARADIENE PRO BASE TG

WITH PRO FLEECE

(TORCH APPLIED)

QUARTZ EMBEDMENT LAYER

1/4" DENSDECK PRIME COVER

CROSS-DIRECTIONAL WITH HD

BOARD (ADHERED), INSTALL

ISO COVER BOARD BELOW

— 1/2 " HD POLYISOCYANURATE

COVER BOARD (ADHERED),

WITH OPTIM-R VIP BELOW

INSTALL CROSS-DIRECTIONAL





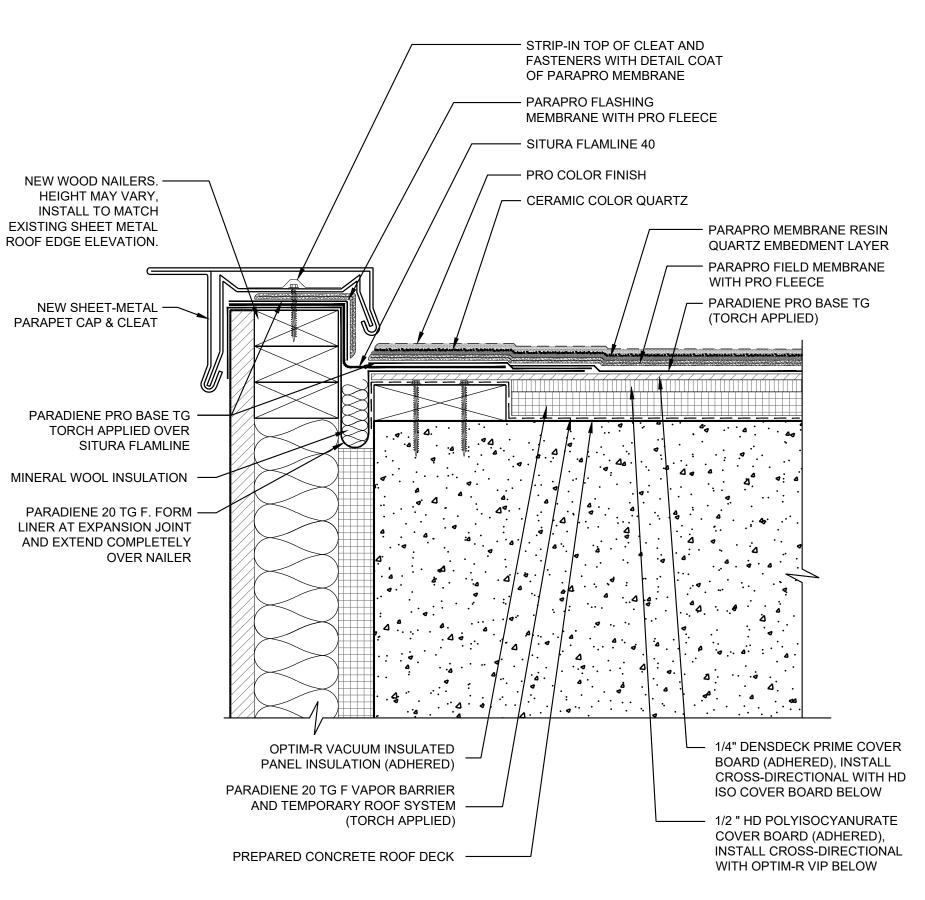


AND AND AREPI HIGH MUSEL AND PAVILION ING TPO ROC HTREE STREET

Project: 21096_6 Drawn: TRM/ Approved TW

10/13/22 Issue for Construction

DETAILS -**EDGE** CONDITIONS



1. REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS. 2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF

- INSULATION AND COVER BOARD.
- 3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL.
- 4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.
- 5. LIGHTNING PROTECTION SYSTEM NOT SHOWN FOR CLARITY. REMOVE AND RE-INSTALL LIGHTNING PROTECTION SYSTEM AT ROOF PERIMETER IN ACCORDANCE WITH SPECIFIED REQUIREMENTS.
- 6. INSTALL SACRIFICIAL MEMBRANE PROTECTION AS REQUIRED BY MANUFACTURER TO ACHIEVE SPECIFIED WARRANTY

- NEW SEALANT

NEW SHEET-METAL

COUNTER-FLASHING

— PRO COLOR FINISH

- CERAMIC COLOR QUARTZ

- PARAPRO MEMBRANE RESIN

- PARAPRO FIELD MEMBRANE

- PARADIENE PROBASE TG

── 1/4" DENSDECK PRIME COVER

BOARD (ADHERED), INSTALL

ISO COVER BOARD BELOW

COVER BOARD (ADHERED)

· 1/2 " HD POLYISOCYANURATE

INSTALL CROSS DIRECTIONAL WITH OPTIM-R VIP BELOW

— OPTIM-R VACUUM INSULATED

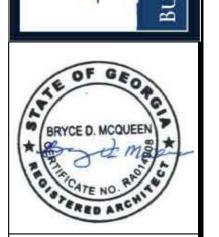
PANEL INSULATION (ADHERED)

CROSS-DIRECTIONAL WITH HD

WITH PRO FLEECE

QUARTZ EMBEDMENT LAYER





A OF ART AND ACC REPLACE E, ATLANTA HIGH MUSEUM C WIELAND PAVILION AN EXISTING TPO ROOF RI

Project: 21096_6 Drawn: TRM/ Approved TW

10/13/22 Issue for Construction

DETAILS -PERIMETER CONDITIONS & DRAINAGE

A302

REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS. 2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF INSULATION AND COVER BOARD.

NEEDED WITH PMMA PASTE TO CREATE FLUSH CONDITION. PONDING WATER

AROUND THE OVERFLOW DRAINS IS NOT PERMITTED.

3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL. RD ` 4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING. 5. FILL DEPRESSIONS AROUND OVERFLOW DRAINS OR DRAIN CLAMPING RINGS AS

NEW TAPERED SUMP -

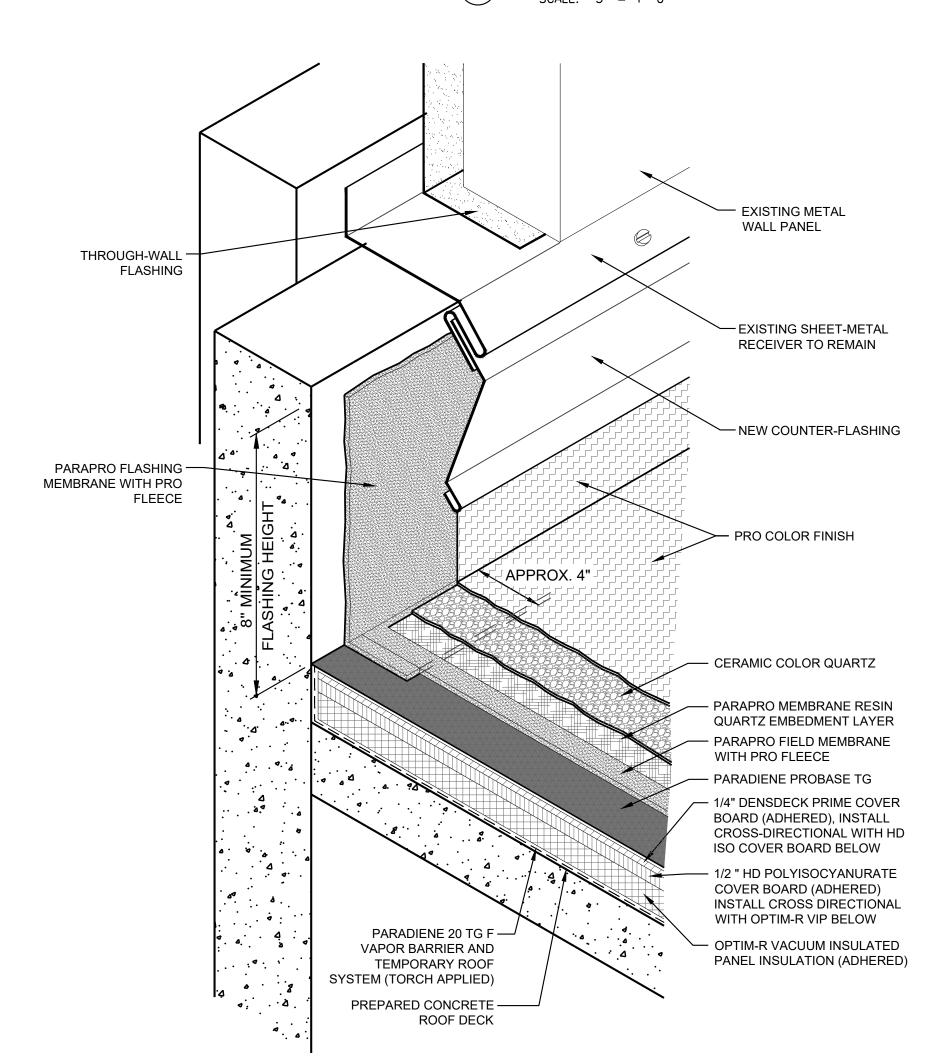
AT ROOF DRAINS

— EXISTING DRAINS TO - PARAPRO MEMBRANE RESIN REMAIN. INSTALL NEW TAPERED POLYISOCYANURATE — COATED CAST IRON DRAIN QUARTZ EMBEDMENT LAYER TAPERED POLYISOCYANURATE — Q-PANEL DRAIN SUMP HARDWARE, INCLUDING Q-PANEL DRAIN SUMP PARAPRO FIELD MEMBRANE CLAMPING RING, COLLAR, PRO COLOR FINISH -WITH PRO FLEECE STRAINER, AND BOLTS. — PARADIENE PRO BASE TG CERAMIC COLOR QUARTZ (TORCH APPLIED) OPTIM-R VACUUM INSULATED — PARADIENE 20 TG F VAPOR — PANEL INSULATION (ADHERED) PRIMARY ROOF DRAIN **OVERFLOW ROOF DRAIN** BARRIER AND TEMPORARY ROOF SYSTEM (TORCH APPLIED) 1/4" DENSDECK PRIME COVER — BOARD (ADHERED), INSTALL PREPARED CONCRETE ROOF DECK ———— CROSS-DIRECTIONAL WITH HD ISO COVER BOARD BELOW 1/2 " HD POLYISOCYANURATE -

COVER BOARD (ADHERED), INSTALL CROSS-DIRECTIONAL WITH OPTIM-R VIP BELOW

> PARAPRO FLASHING — MEMBRANE WITH PRO

> > FLEECE



- 1. REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS.
- 2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF INSULATION AND COVER BOARD.
- 3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT
- OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL. 4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.
 - BASE FLASHING DETAIL AT METAL WALL PANELS

1. REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS. 2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF

PARADIENE 20 TG F —

VAPOR BARRIER AND

TEMPORARY ROOF SYSTEM (TORCH APPLIED)

ROOF DECK

PREPARED CONCRETE -

. 44

APPROX. 4"

INSULATION AND COVER BOARD. 3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL 4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION

SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

BASE FLASHING WITH SURFACE-MOUNTED COUNTER FLASHING DETAIL







HIGH MUSEUM OF ART
WIELAND PAVILION AND ACC W
EXISTING TPO ROOF REPLACEN
1280 PEACHTREE STREET NE, ATLANTA, G

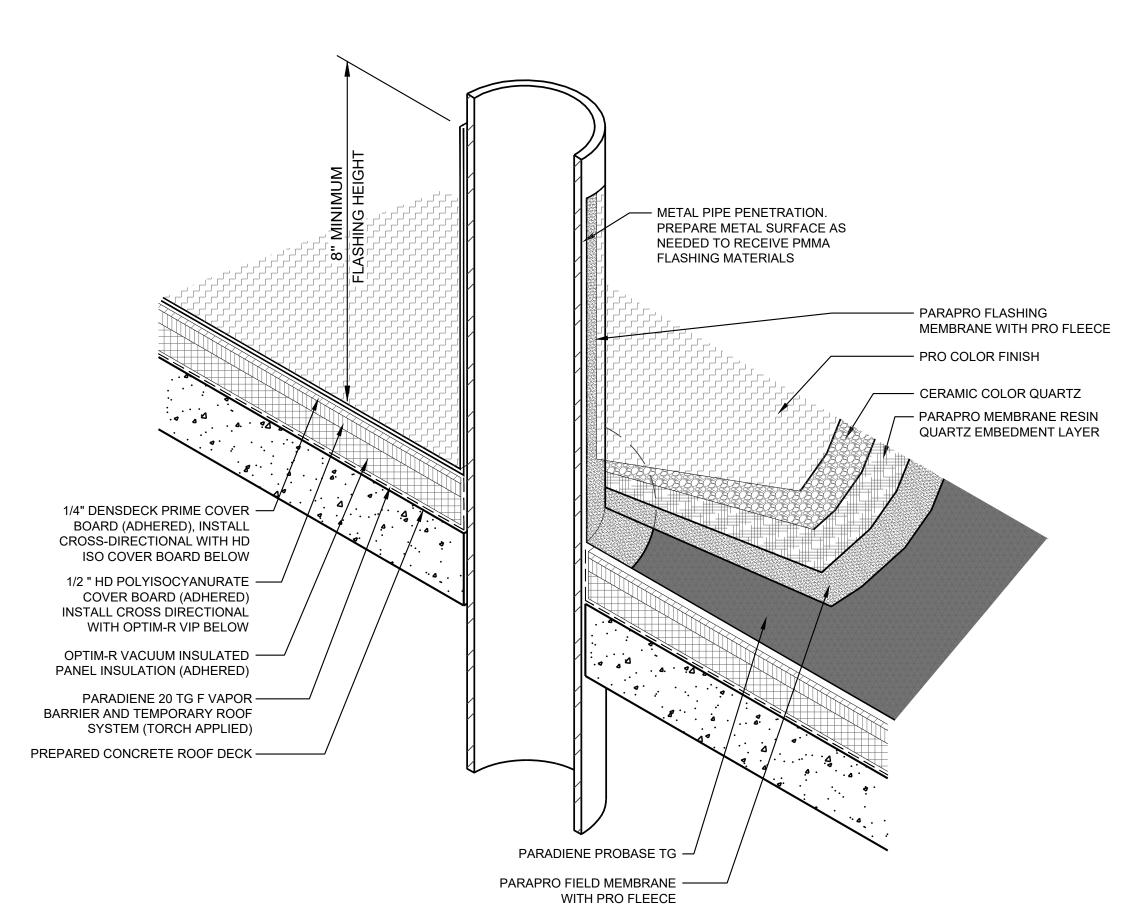
Project: 21096_6 Drawn: TRM/ Approved TW

10/13/22 Issue for Construction

DETAILS -PENETRATIONS

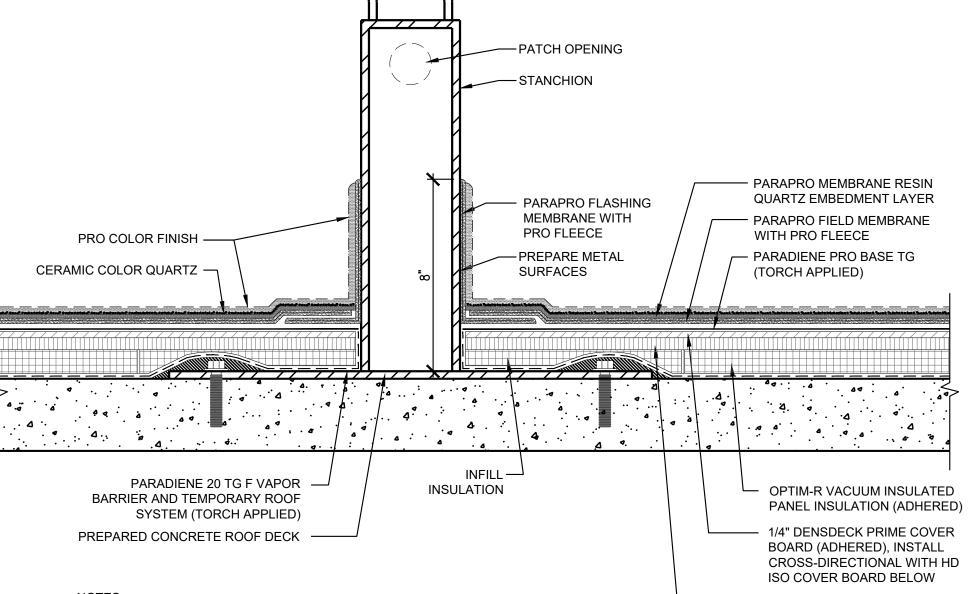
1/2 " HD POLYISOCYANURATE

COVER BOARD (ADHERED), INSTALL CROSS-DIRECTIONAL WITH OPTIM-R VIP BELOW



- REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS. 2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF
- INSULATION AND COVER BOARD.
- 3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT
- OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL. 4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION
- SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

PIPE PENETRATION DETAIL



- REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS. 2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF INSULATION AND COVER BOARD.
- 3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT
- OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL.
 4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

- PARAPRO FLASHING

— PRO COLOR FINISH

PARADIENE 20 TG F — VAPOR BARRIER AND

TEMPORARY ROOF

SYSTEM (TORCH APPLIED)

EQUIPMENT SUPPORT DETAIL

NOTES:

1. REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS.

1. REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION OF NEW ROOF

2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF

INSULATION AND COVER BOARD.

3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL.

4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION

SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

1/4" DENSDECK PRIME COVER — BOARD (ADHERED), INSTALL CROSS-DIRECTIONAL WITH HD ISO COVER BOARD BELOW

1/2 " HD POLYISOCYANURATE ————/
COVER BOARD (ADHERED)
INSTALL CROSS DIRECTIONAL

WITH OPTIM-R VIP BELOW

MEMBRANE WITH PRO FLEECE

- PARAPRO MEMBRANE RESIN QUARTZ EMBEDMENT LAYER - PARAPRO FIELD MEMBRANE

CERAMIC COLOR

QUARTZ

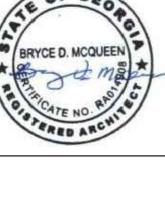
- OPTIM-R VACUUM INSULATED PANEL INSULATION (ADHERED)

WITH PRO FLEECE

— PARADIENE PROBASE TG







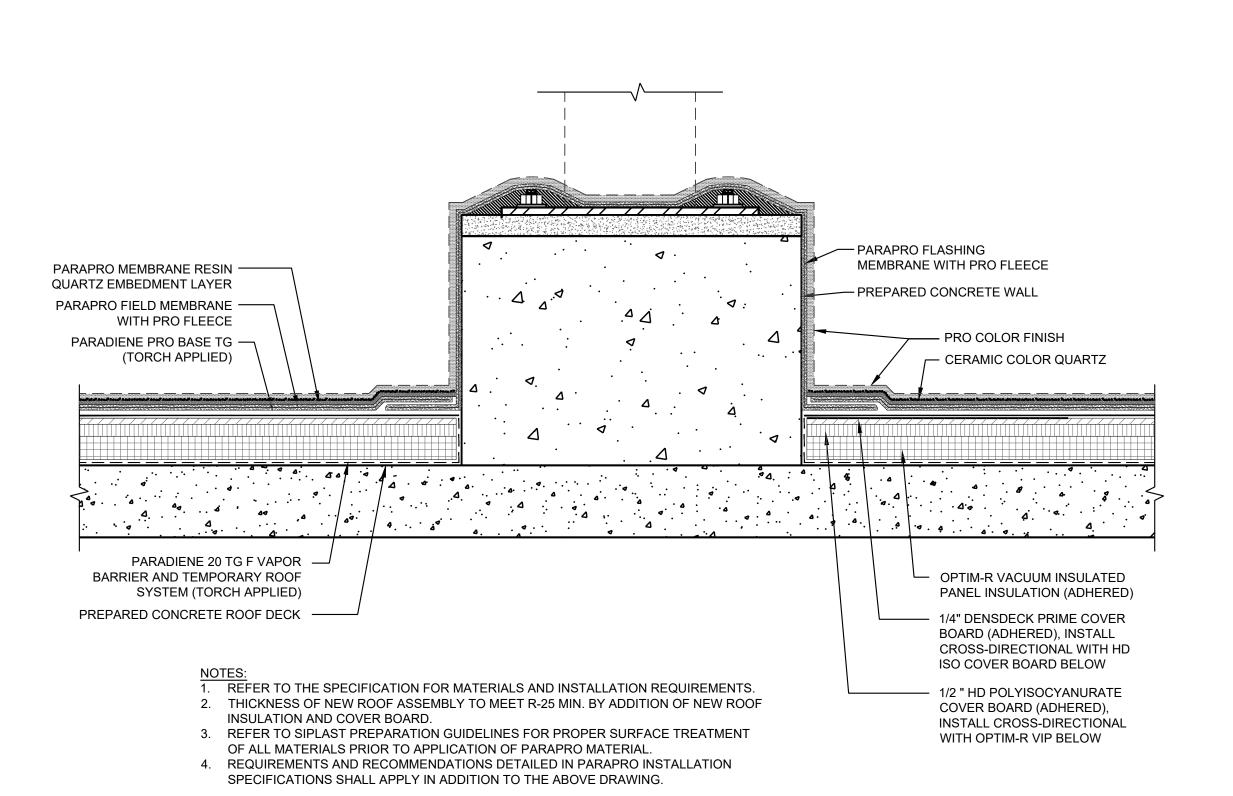
HIGH MUSEUM OF A
WIELAND PAVILION AND A
EXISTING TPO ROOF REPL/

Project: 21096_6 Drawn: TRM/ Approved TW

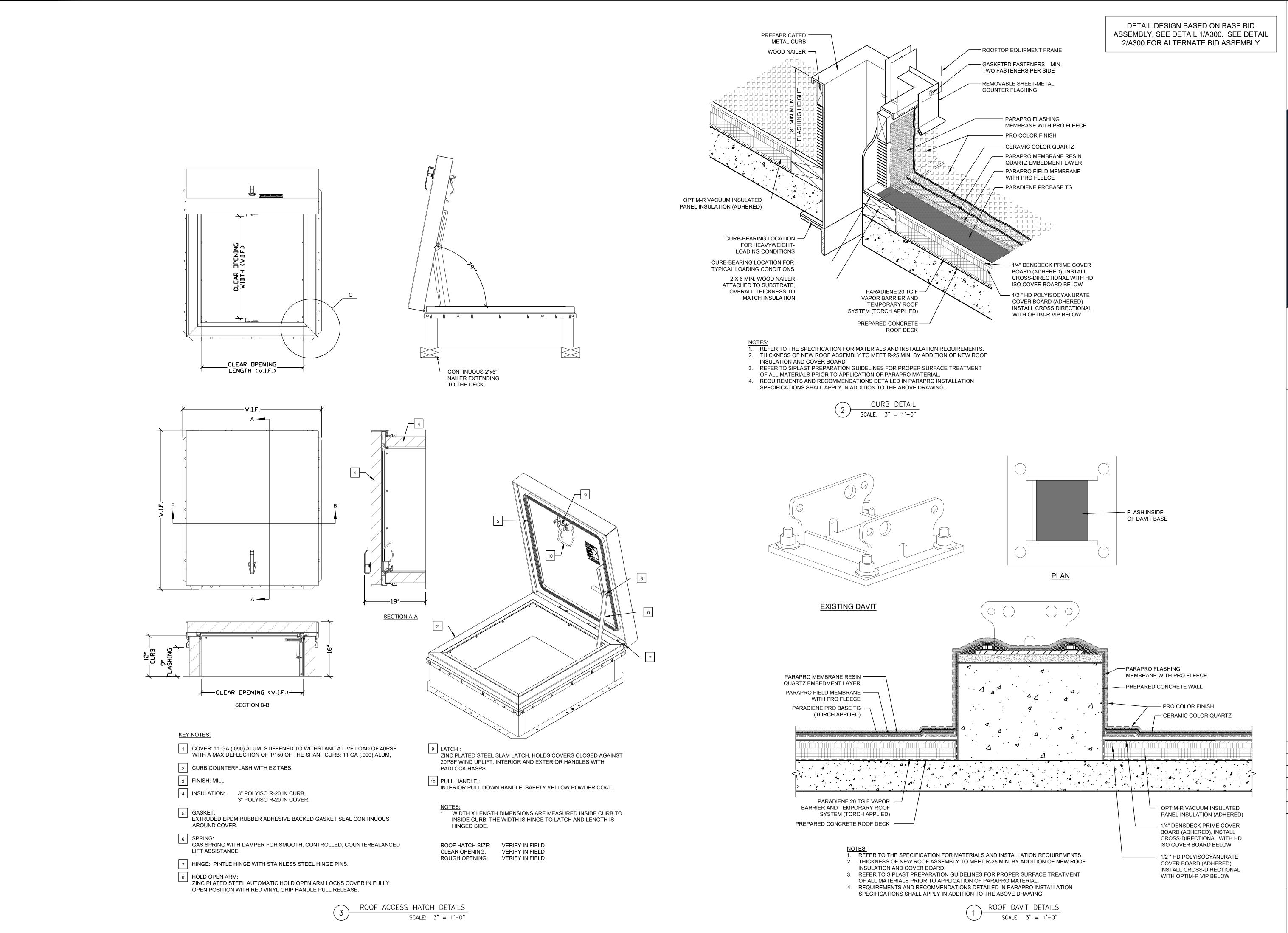
10/13/22 Issue for Construction

DETAILS -

EQUIPMENT SUPPORTS & MISC.



CHILLER SUPPORT COLUMN DETAIL







I MUSEUM OF A AVILION AND A PO ROOF REPL STREET NE, ATLA HIGH ND P/

Project: 21096_6 Drawn: TRM/ Approved TW

10/13/22 Issue for Construction

DETAILS -CURBS