

# 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.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ADEQUATE PRECAUTIONS TO PROTECT THE BUILDING OCCUPANTS, MATERIALS AND 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 CONDITIONS PRIOR TO THE START OF WORK AND SUBMIT RECORDS TO OWNER'S REPRESENTATIVE.

5. DRAWINGS ARE INTENDED TO BE PRINTED AT 24x36

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

### ABBREVIATIONS:

A ANCHOR BOLT  
ABV ABOVE  
ADD ADDENDUM  
ADJ ADJACENT  
AFF ABOVE FINISHED FLOOR  
ALT ALTERNATE  
ANG ANGLE  
APX APPROXIMATELY  
ASP ASPHALT  
ASPS ASPHALT SHINGLE

B BOARD  
BD BELOW  
BIT BITUMINOUS  
BLDG BUILDING  
BL BUILDING LINE  
BLKG BLOCKING  
BM BEAM  
B.M. BENCHMARK  
BOT BOTTOM  
BPL BEARING PLATE  
BTJT BUTT JOINT  
BUR BUILT-UP ROOFING  
BW BOTH WAYS

CBD CEMENTITIOUS BOARD  
CF CUBIC FOOT  
CIP CAST IN PLACE  
CJ CONTROL JOINT  
CL CENTER LINE  
CMU CONCRETE MASONRY UNIT  
CO CLEAN-OUT  
CONC CONCRETE  
CONST CONSTRUCTION  
CONT CONTINUOUS  
CT CERAMIC TILE  
CY CUBIC YARD

D DIA DIAMETER  
DIM DIMENSION  
DN DIAMETER NOMINAL  
DWG DRAWING  
DWG(S) DRAWING/S

E EACH  
EA ELEVATION  
ELEC ELECTRICAL  
EQ EQUAL  
EQUIP EQUIPMENT  
EW EACH WAY

F FLOOR LEVEL  
FTG FOOTING

G GALV GALVANIZED

H HORIZONTAL

I INSIDE DIAMETER  
ID INVERT ELEVATION  
IL INVERT LEVEL  
IO INSPECTION OPENING  
IP INTERSECTION POINT

J JOINT

K KEY JOINT

M MAX MAXIMUM  
MFG MANUFACTURER  
MIN MINIMUM  
MISC MISCELLANEOUS

N NOT IN CONTRACT  
N.I.C. NOMINAL  
NOM NOT TO SCALE

O ON CENTER  
OC OUTSIDE DIAMETER  
OD OPTIONAL  
OPT OPPOSITE HAND

P PLATE  
PLYWD PLYWOOD  
PT PRESSURE TREATED

Q QUANTITY

R RADIUS  
REF REFERENCE  
REQ'D REQUIRED  
REV REVISION  
RH RIGHT HAND

S SIMILAR  
SQ SQUARE  
SS STAINLESS STEEL  
SSM STANDING SEAM METAL  
STD STANDARD

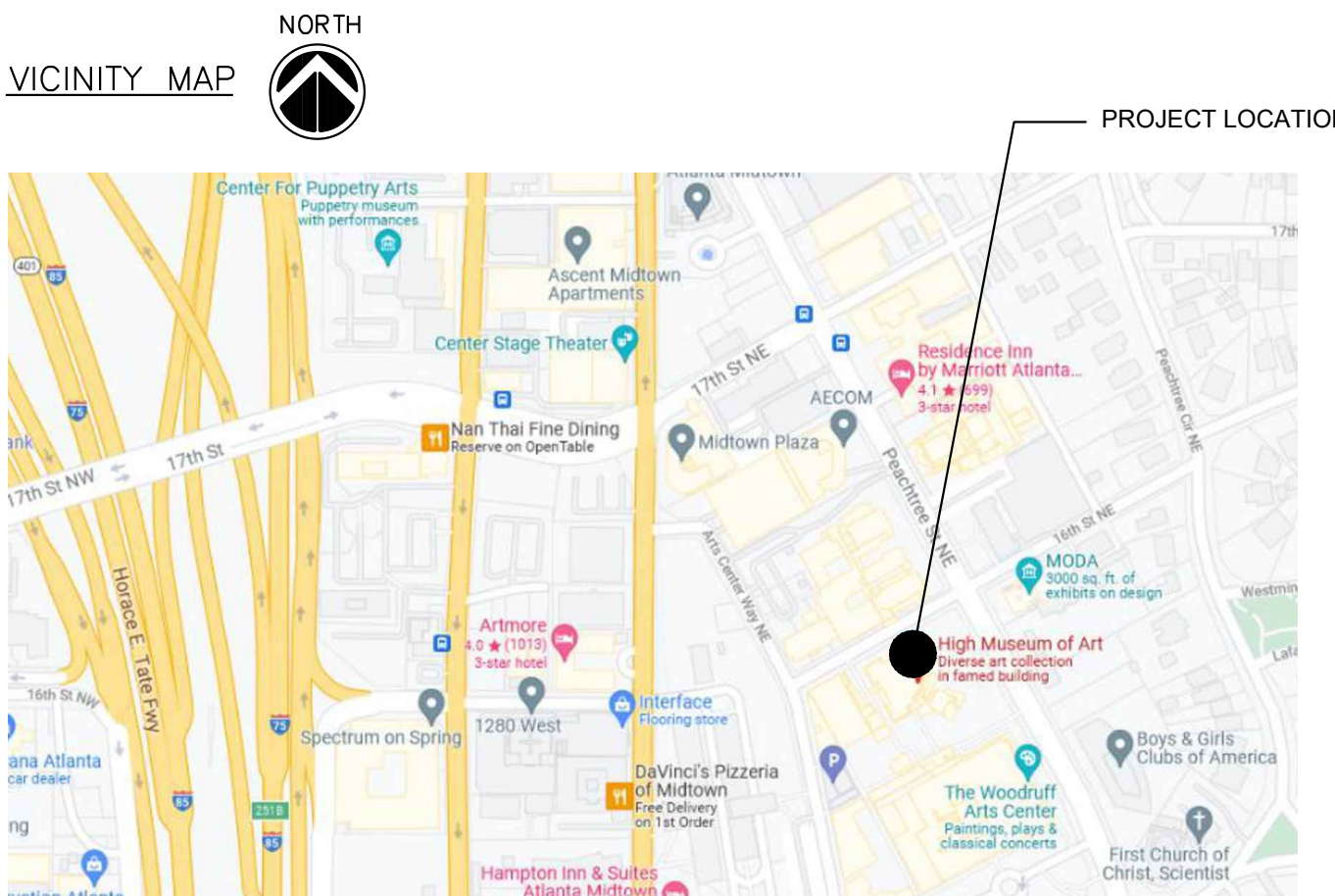
T THICK  
TO TOP OF  
TS TUBE STEEL  
TYP TYPICAL

U UNDER SIDE  
U/S UNLESS NOTED OTHERWISE

V VERTICAL  
V.I.F. VERIFY IN FIELD

W WATER PROOF

SPECIAL CHARACTERS  
° = DEGREES  
Ø = DIAMETER  
# = NUMBER



### 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, & D)  
A103 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.

IBC INTERNATIONAL BUILDING CODE, 2018 WITH GEORGIA AMENDMENTS  
IECC INTERNATIONAL ENERGY CONSERVATION CODE, 2015  
OSHA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION  
ASTM ASTM INTERNATIONAL  
ANSI AMERICAN NATIONAL STANDARDS INSTITUTE  
SMACNA SHEET METAL & AIR CONDITIONER CONTRACTOR'S NATIONAL ASSOCIATION  
NRCA NATIONAL ROOFING CONTRACTORS ASSOCIATION

3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX



HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

COVER SHEET

A000





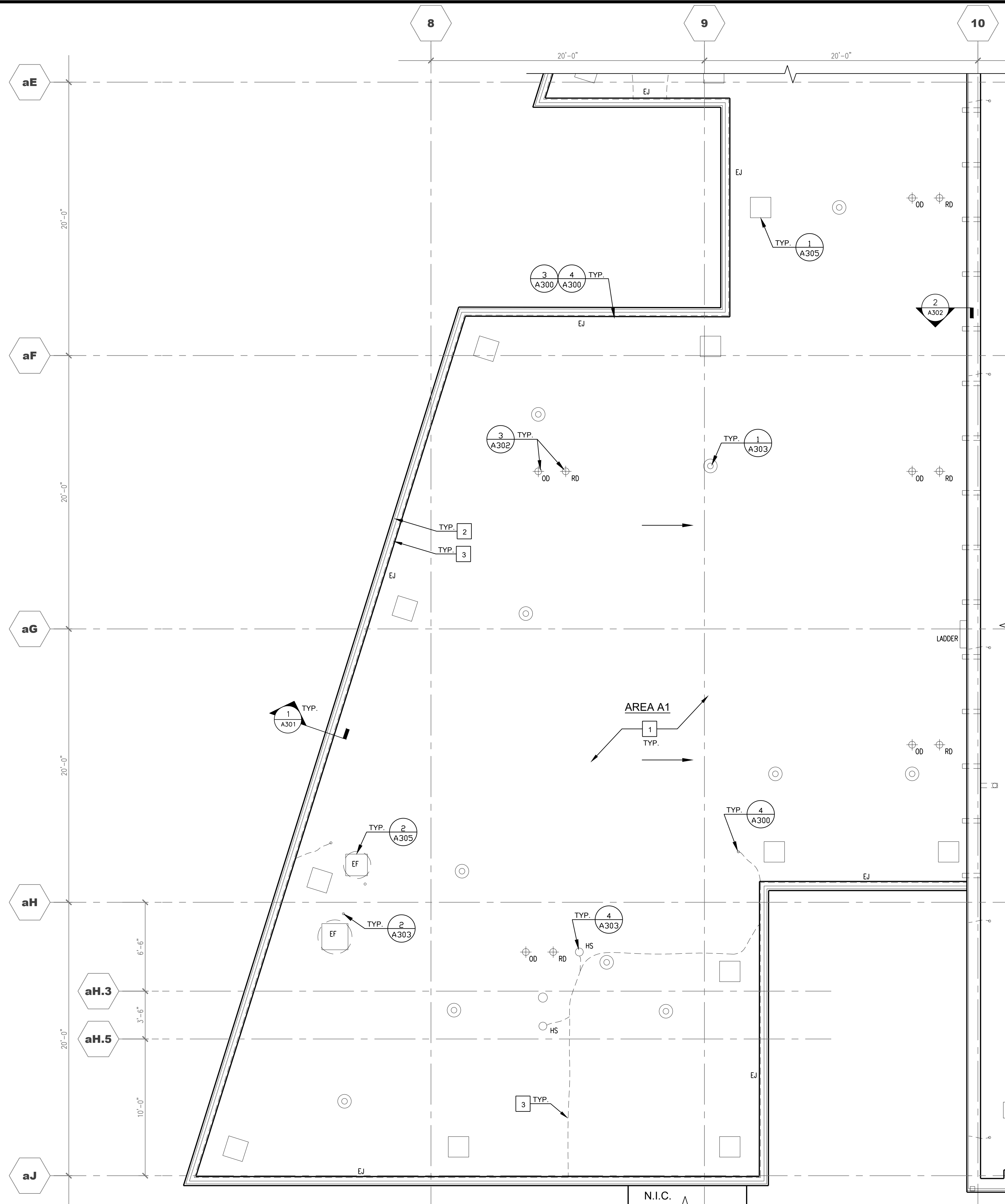
A001



LEGEND: (NOT ALL USED)

	RAISED CURB
	ROOF DRAIN
	OVERFLOW ROOF DRAIN
	CURB MOUNTED EQPM (VENT OR FAN)
	PITCH PAN
	HOT STACK
	VENT THROUGH ROOF
	PIPE PENETRATION
	STANCHION
	EXTERIOR LADDER
	HATCH
	SLOPE DIRECTION
	EXPANSION JOINT
	SKYLIGHT
	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 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.
  - 3 Remove and replace lightning protection system.



DO NOT SCALE DRAWINGS - VERIFY ALL DIMENSIONS IN FIELD

1 PARTIAL ROOF PLAN - WIELAND PAVILION (AREA A1)  
SCALE: 1/4" = 1'-0"



HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

PARTIAL ROOF  
PLAN - WIELAND  
PAVILION (ROOF  
AREA A1)

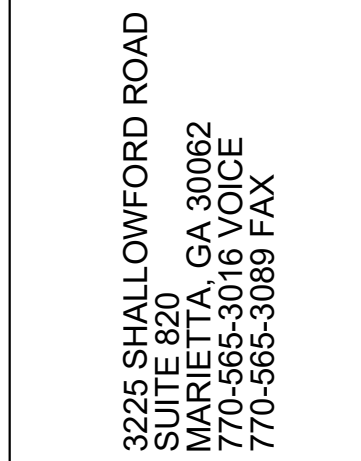
A100



3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX

- | KEY NOTES: |  |
|------------|--|
| 1          | Remove existing TPO roofing system completely down to the sloped structural concrete roof deck and install the new specified replacement roof system. See Detail 1/300 for the Base Bid roof system. See Detail 2/300 for the Alternate Bid Roof System. Install additional layered 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 2/301. 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.  |

DO NOT SCALE DRAWINGS - VERIFY  
ALL DIMENSIONS IN FIELD



HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

PARTIAL ROOF  
PLAN - WIELAND  
PAVILION ( ROOF  
AREA A2)

A101

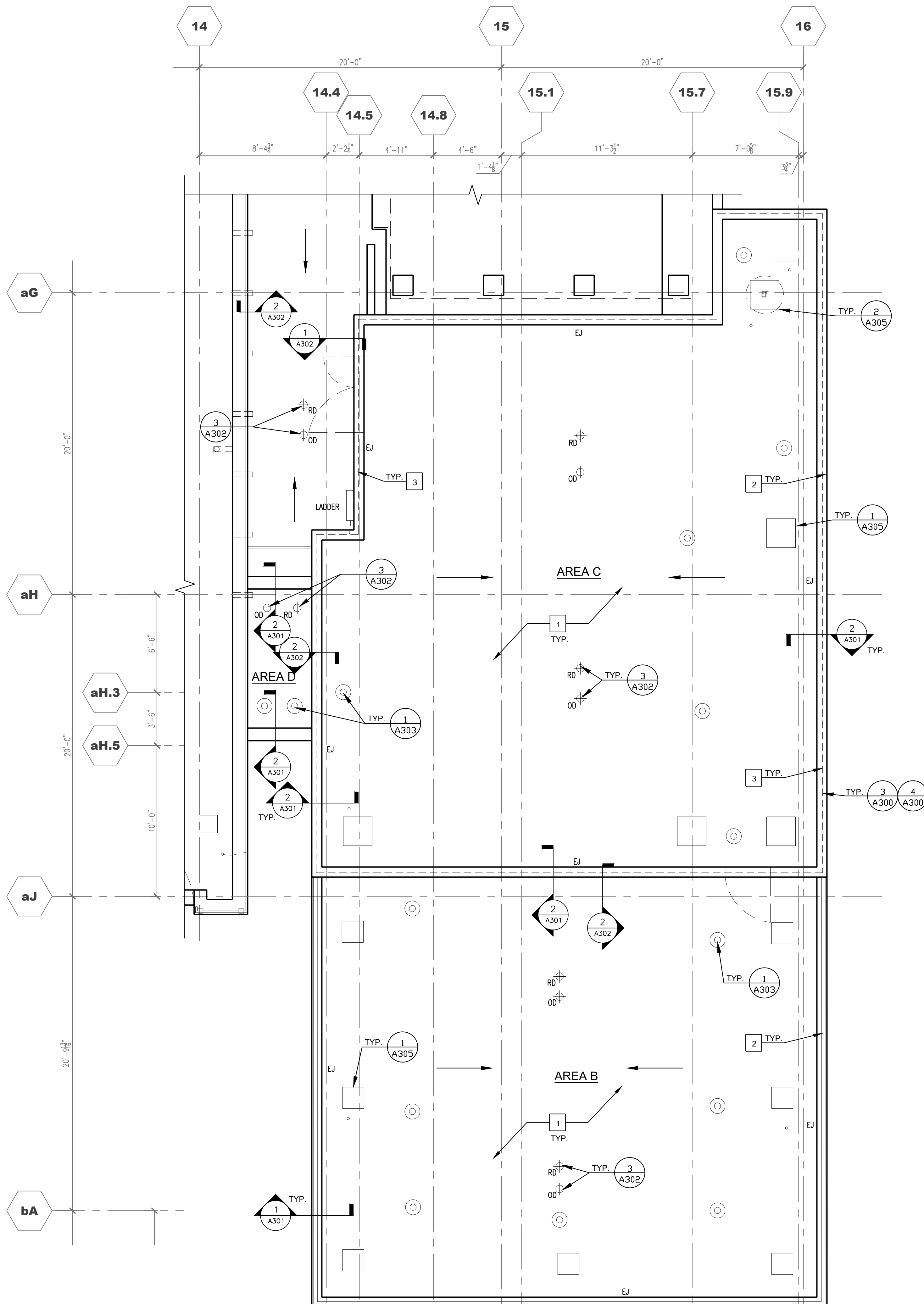


**LEGEND:** (NOT ALL USED)

	RAISED CURB
	ROOF DRAIN
	OVERFLOW ROOF DRAIN
	CURB MOUNTED EQPM (VENT OR FAN)
	PITCH PAN
	HOT STACK
	VENT THROUGH ROOF
	PIPE PENETRATION
	STANCHION
	EXTERIOR LADDER
	HATCH
	SLOPE DIRECTION
	EXPANSION JOINT
	SKYLIGHT
	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 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.
- 3 Remove and replace lightning protection system.



DO NOT SCALE DRAWINGS - VERIFY ALL DIMENSIONS IN FIELD

1 PARTIAL ROOF PLAN - WIELAND PAVILION (AREAS B, C, & D)  
SCALE: 1/8" = 1'-0"



3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX



HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

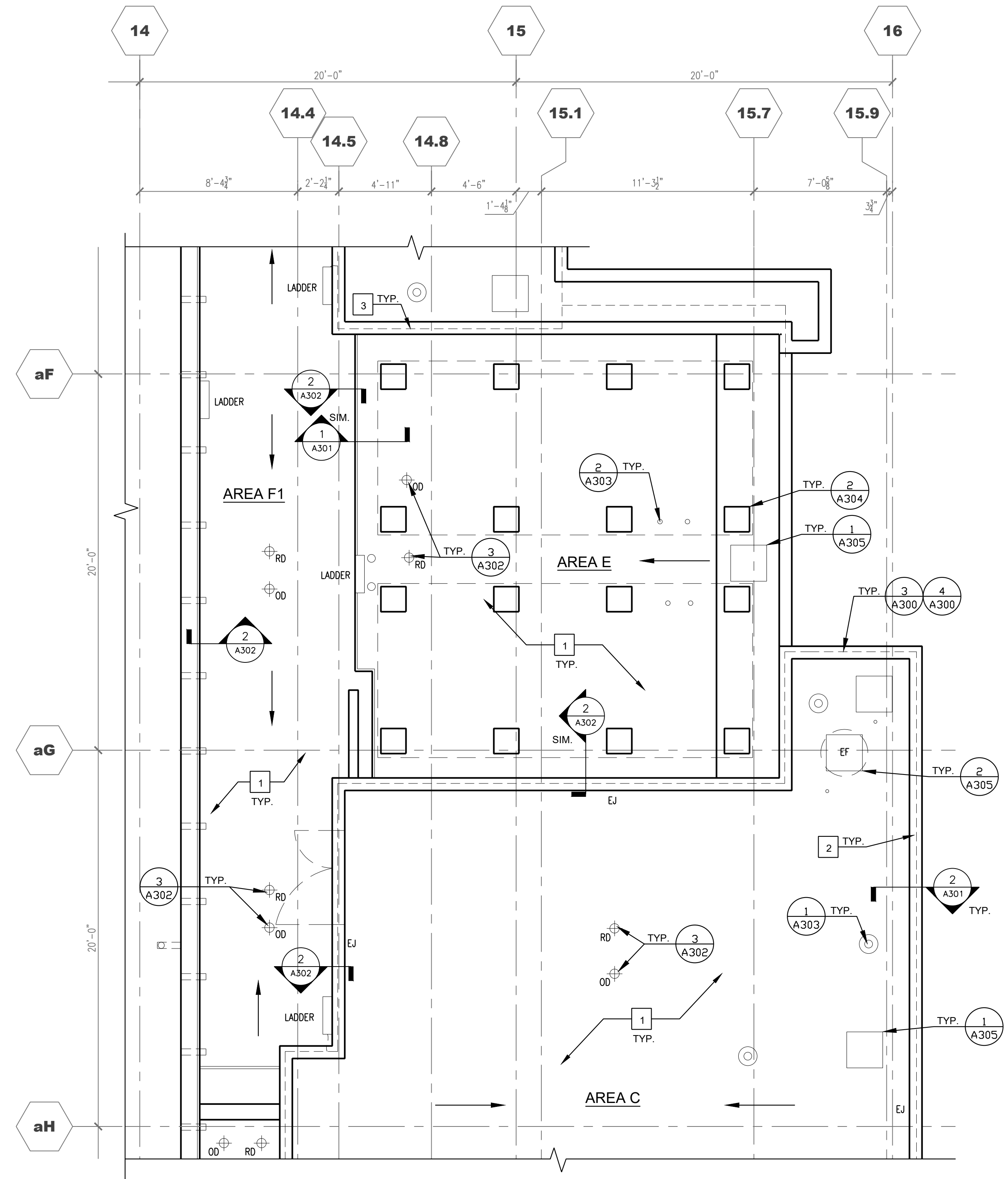
PARTIAL ROOF  
PLAN - WIELAND  
PAVILION ( ROOF  
AREAS B, C & D)

A102

LEGEND: (NOT ALL USED)

	RAISED CURB
	ROOF DRAIN
	OVERFLOW ROOF DRAIN
	CURB MOUNTED EQPM (VENT OR FAN)
	PITCH PAN
	HOT STACK
	VENT THROUGH ROOF
	PIPE PENETRATION
	STANCHION
	EXTERIOR LADDER
	HATCH
	SLOPE DIRECTION
	EXPANSION JOINT
	SKYLIGHT
	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 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.
  - 3 Remove and replace lightning protection system.



DO NOT SCALE DRAWINGS - VERIFY ALL DIMENSIONS IN FIELD

1 PARTIAL ROOF PLAN - WIELAND PAVILION (AREAS E & F1) SCALE: 1/8" = 1'-0" NORTH

3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX

**MERIK**  
BUILDING CONSTRUCTION CONSULTANTS

STATE OF GEORGIA  
BRYCE D. MCQUEEN  
REGISTERED ARCHITECT  
EXPIRATION DATE 12/31/2025

HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

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

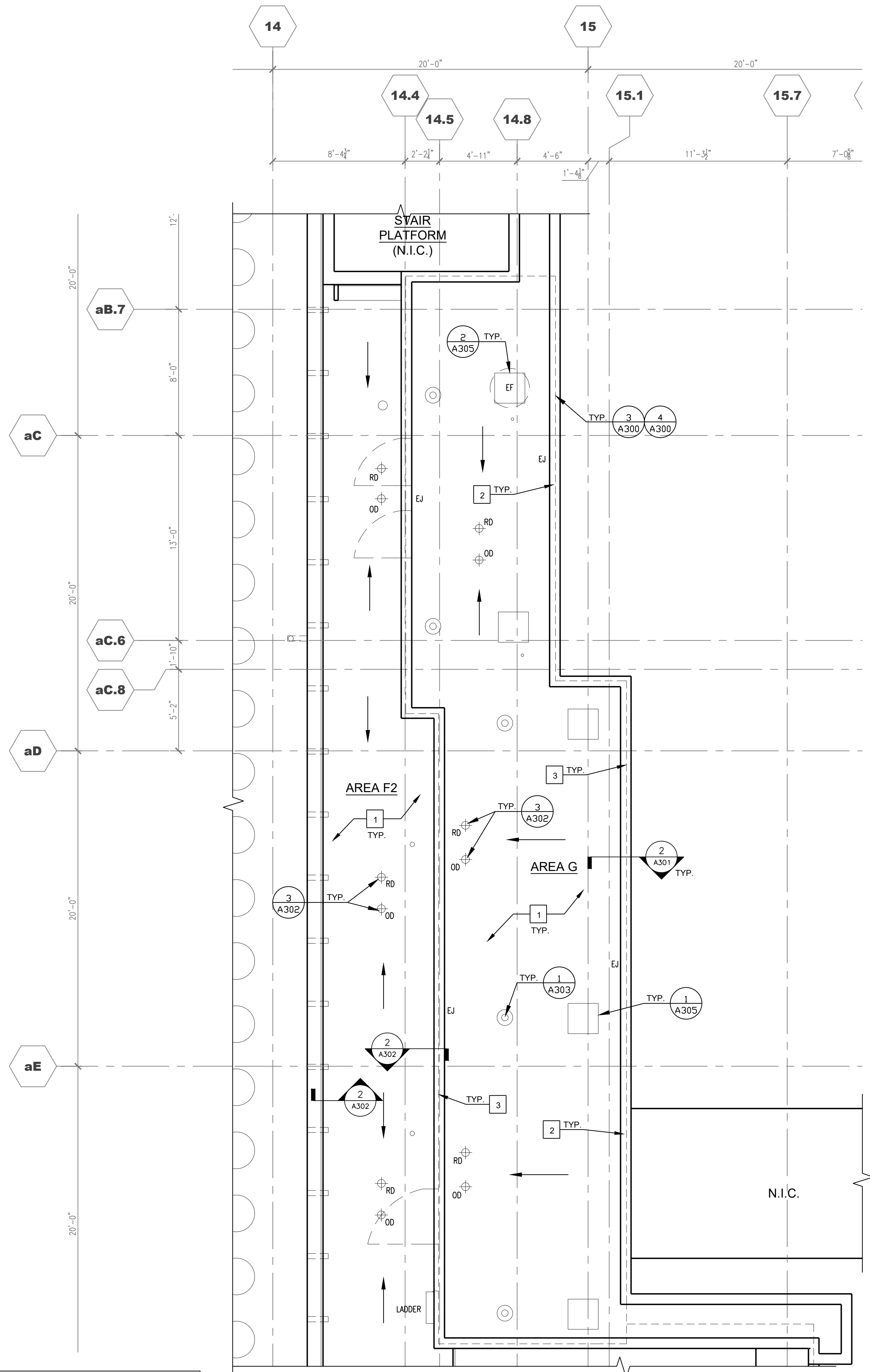
**A103**



**LEGEND:** (NOT ALL USED)

- RAISED CURB
- RD ROOF DRAIN
- OD OVERFLOW ROOF DRAIN
- CURB MOUNTED EOPM (VENT OR FAN)
- PITCH PAN
- HOT STACK
- VENT THROUGH ROOF
- PIPE PENETRATION
- STANCHION
- EXTERIOR LADDER
- HATCH
- SLOPE DIRECTION
- EJ EXPANSION JOINT
- SL SKYLIGHT
- TYPICAL - INSTALL TAPERED INSULATION CRICKET ON THE UPSLOPE SIDE OF ALL CURBED UNITS
- EF EXHAUST FAN

- 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
  - 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.
  - Remove and replace lightning protection system.



DO NOT SCALE DRAWINGS - VERIFY ALL DIMENSIONS IN FIELD

1 PARTIAL ROOF PLAN - WIELAND PAVILION (AREAS F2 & G)  
SCALE: 1/8" = 1'-0"

3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX



HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

PARTIAL ROOF  
PLAN - WIELAND  
PAVILION (ROOF  
AREAS F2 & G)

A104



**MERIK**  
BUILDING CONSTRUCTION CONSULTANTS



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

# A105





LEGEND:

(NOT ALL USED)

RAISED CURB

ROOF DRAIN

OVERFLOW ROOF DRAIN

CURB MOUNTED EQPM (VENT OR FAN)

PITCH PAN

HOT STACK

VENT THROUGH ROOF

PIPE PENETRATION

STANCHION

EXTERIOR LADDER

HATCH

SLOPE DIRECTION

EXPANSION JOINT

SKYLIGHT

TYPICAL - INSTALL TAPERED INSULATION CRICKET ON THE UPSLOPE SIDE OF ALL CURBED UNITS

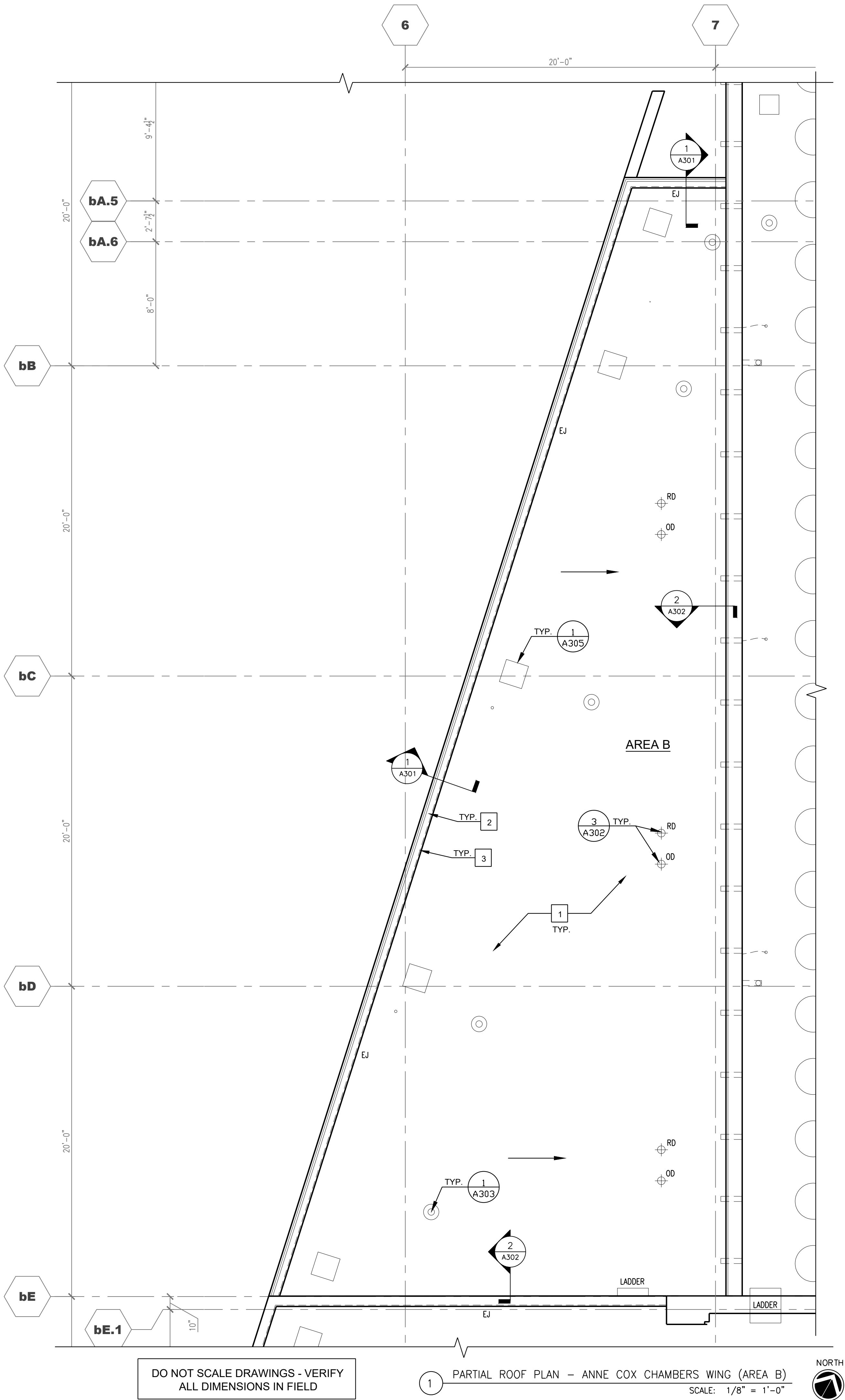
EXHAUST FAN

- KEY NOTES:
- 1

Remove existing TPO roofing system completely down to the sloped structural concrete roof deck and install the new specified replacement 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.
- 3

Remove and replace lightning protection system.



3225 SHALLOWFORD ROAD  
SUITE 620  
DUBLIN, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX

MERIK

BUILDING CONSTRUCTION CONSULTANTS

STATE OF GEORGIA

BRYCE D. MCQUEEN

REGISTERED ARCHITECT

CERTIFICATE NO. RA00000001

HIGH MUSEUM OF ART

WIELAND PAVILION AND ACC WING

EXISTING TPO ROOF REPLACEMENT

1280 PEACHTREE STREET NE, ATLANTA, GA 30309

Project: 21096\_6

Drawn: TRM/ Approved TW

Issues:

10/13/22 Issue for Construction

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

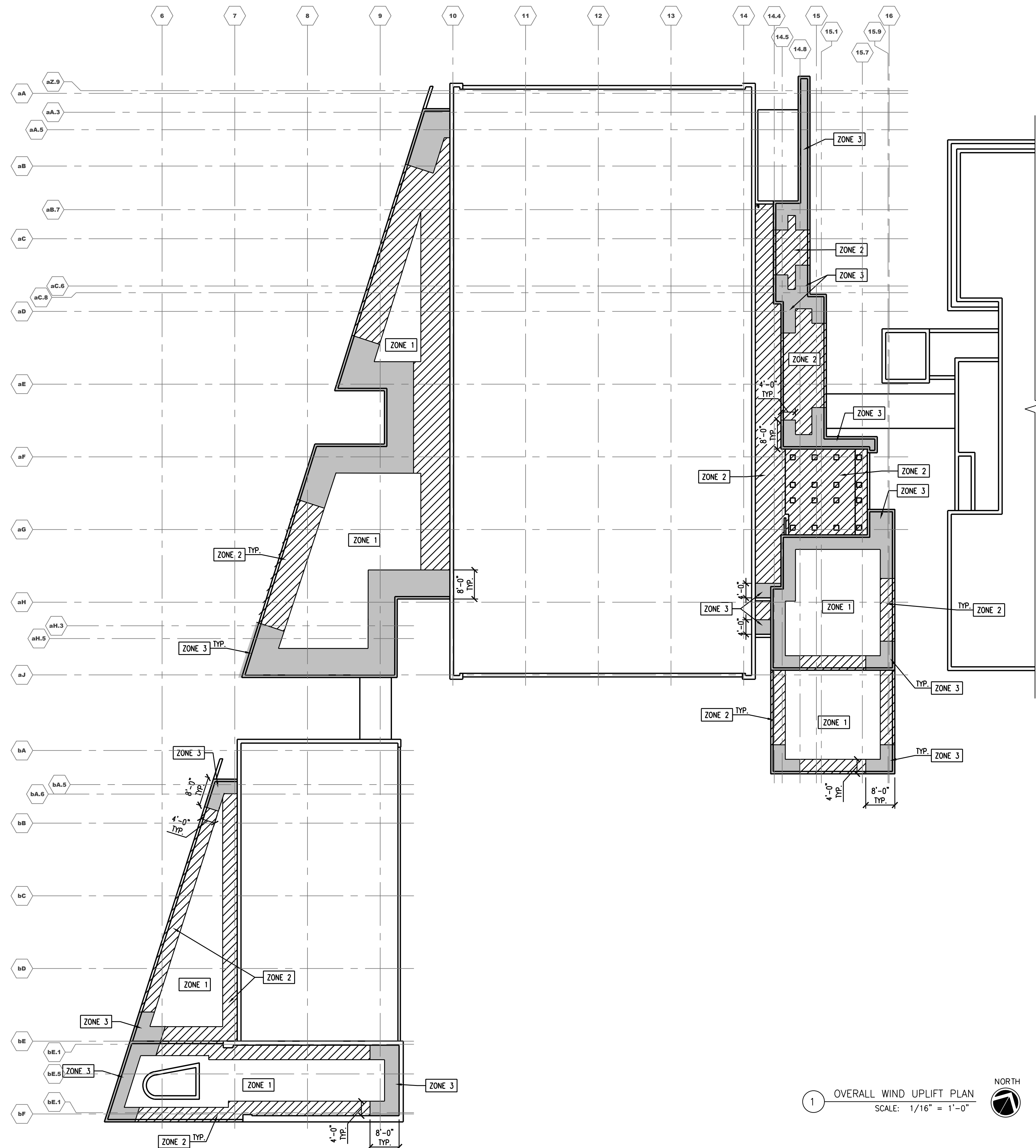
A106

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)		
<div></div>	ZONE 1	-54 psf
<div></div>	ZONE 2	-85 psf
<div></div>	ZONE 3	-116 psf



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



3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX



HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

OVERALL WIND  
UPLIFT PLAN

A150



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

3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX

**MERIK**  
BUILDING CONSTRUCTION CONSULTANTS

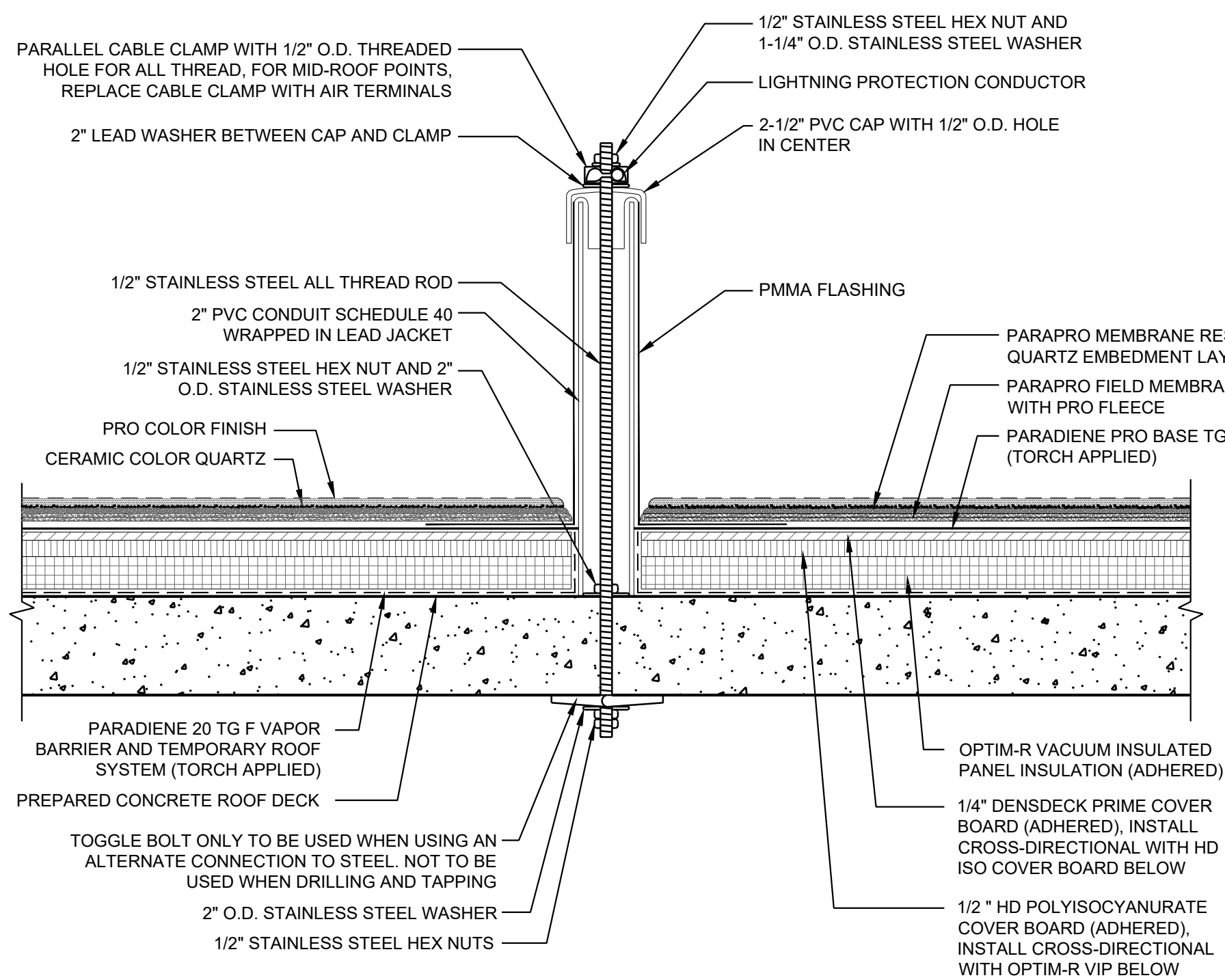


HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

DETAILS -  
TYPICAL

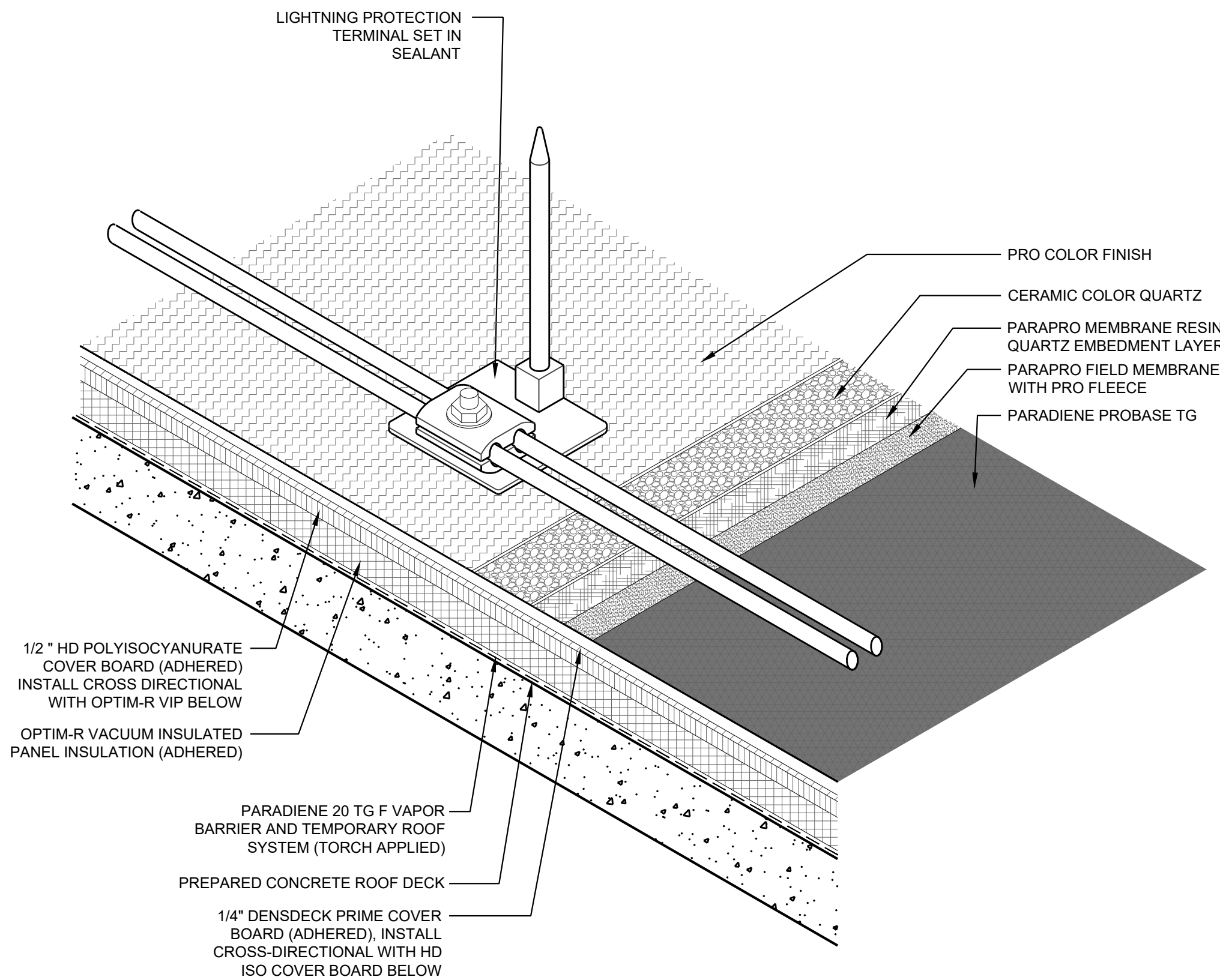
**A300**



NOTES:

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.

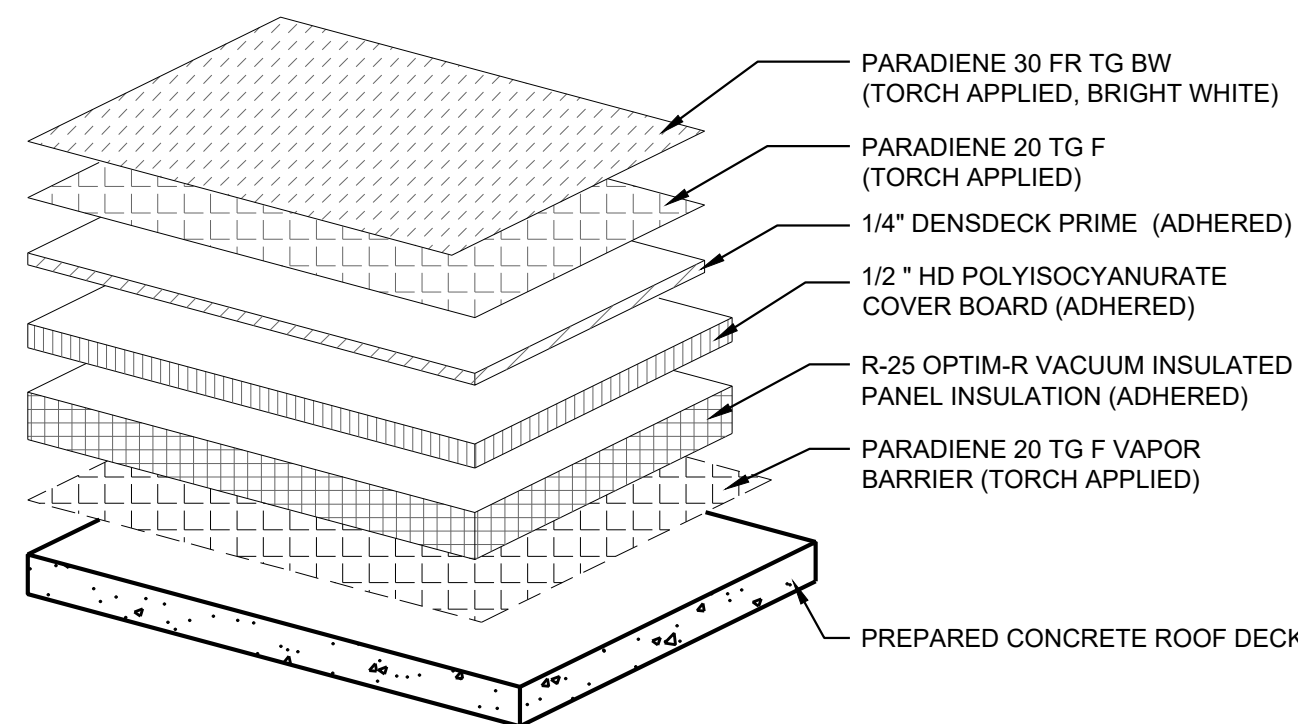
4 LIGHTNING PROTECTION PENETRATION DETAIL  
SCALE: 1" = 1'-0"



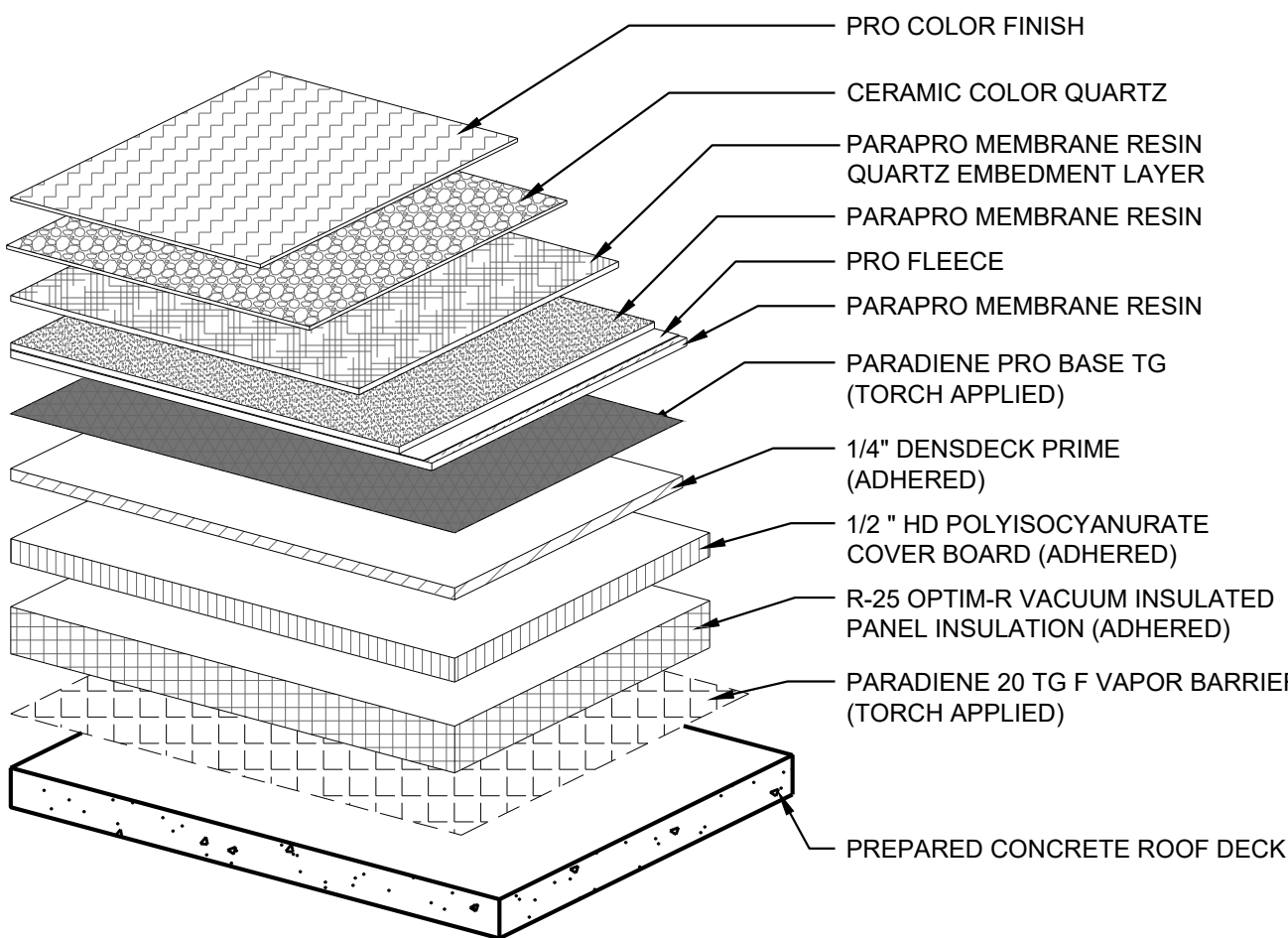
NOTES:

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.

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



2 PARADIENE SYSTEM DETAIL - ALTERNATE BID  
SCALE: 3" = 1'-0"



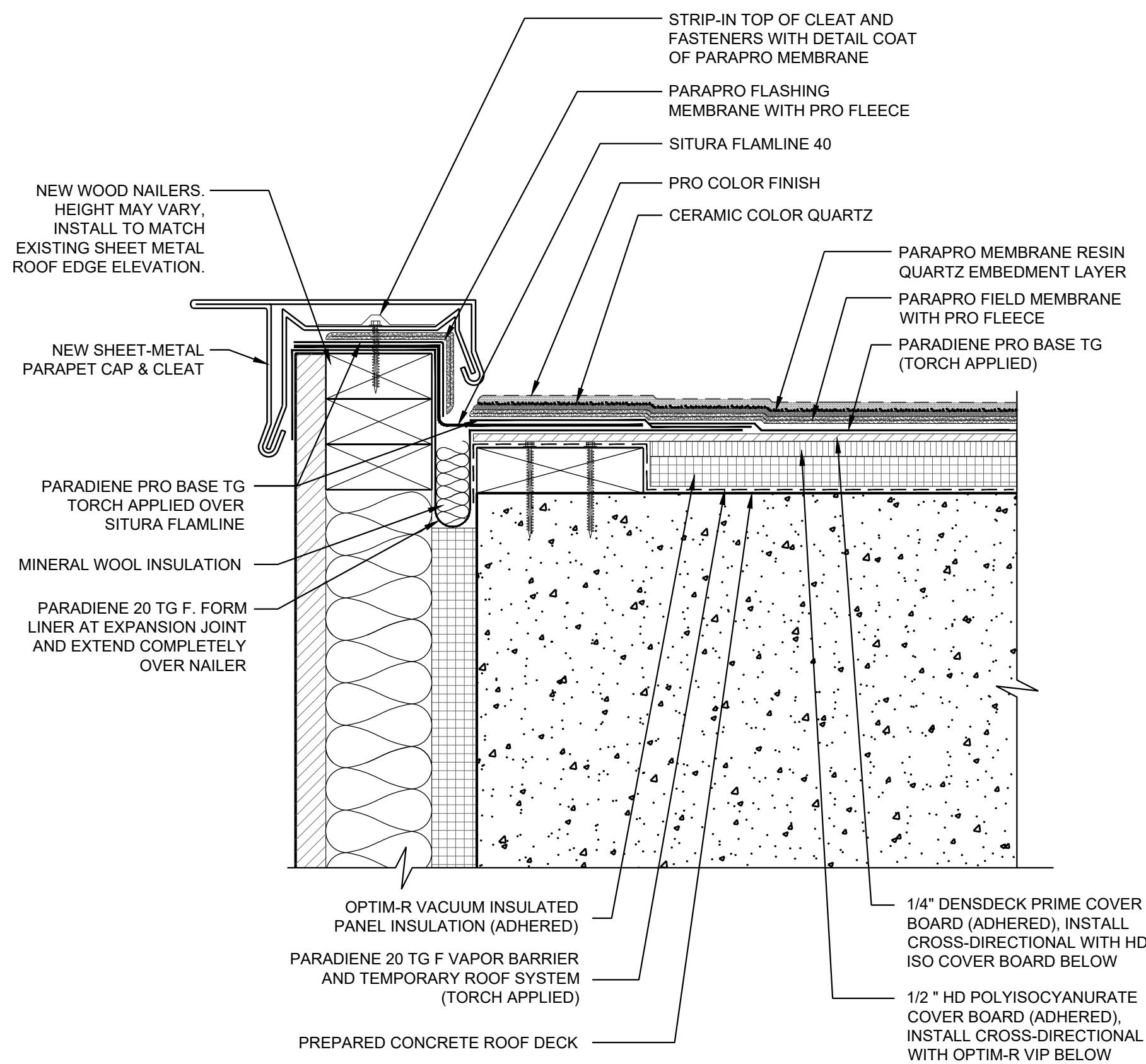
NOTES:

1. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL.
2. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.

1 PARAPRO SYSTEM DETAIL - BASE BID  
SCALE: 3" = 1'-0"

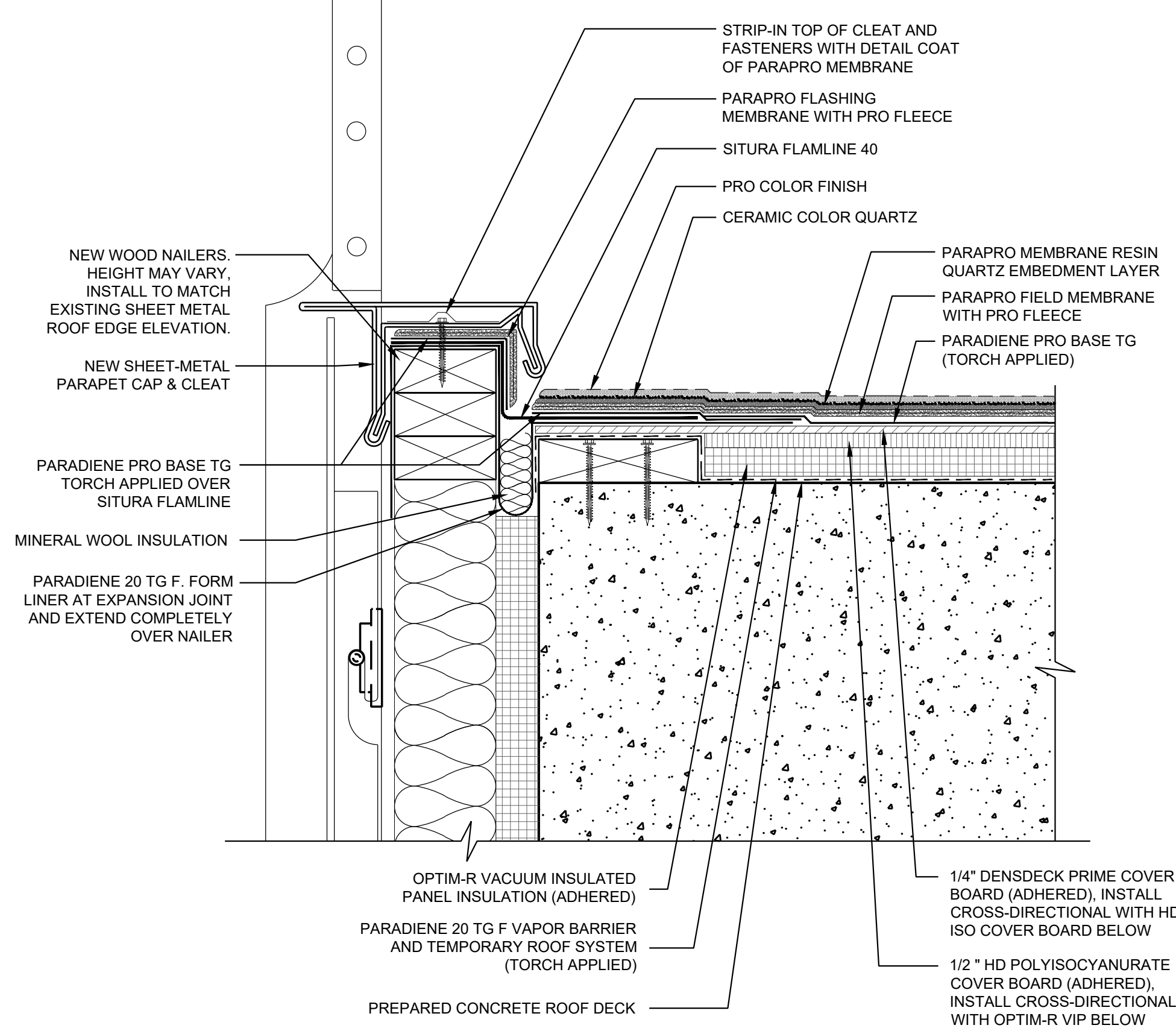


DETAIL DESIGN BASED ON BASE BID  
ASSEMBLY, SEE DETAIL 1/A300. SEE DETAIL  
2/A300 FOR ALTERNATE BID ASSEMBLY



- NOTES:
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.

2 EDGE OF WALL SECTION  
SCALE: 3" = 1'-0"



- NOTES:
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.

1 GRAVEL STOP WITH GUARD RAIL DETAIL  
SCALE: 3" = 1'-0"

3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX

**MERIK**  
BUILDING CONSTRUCTION CONSULTANTS



HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

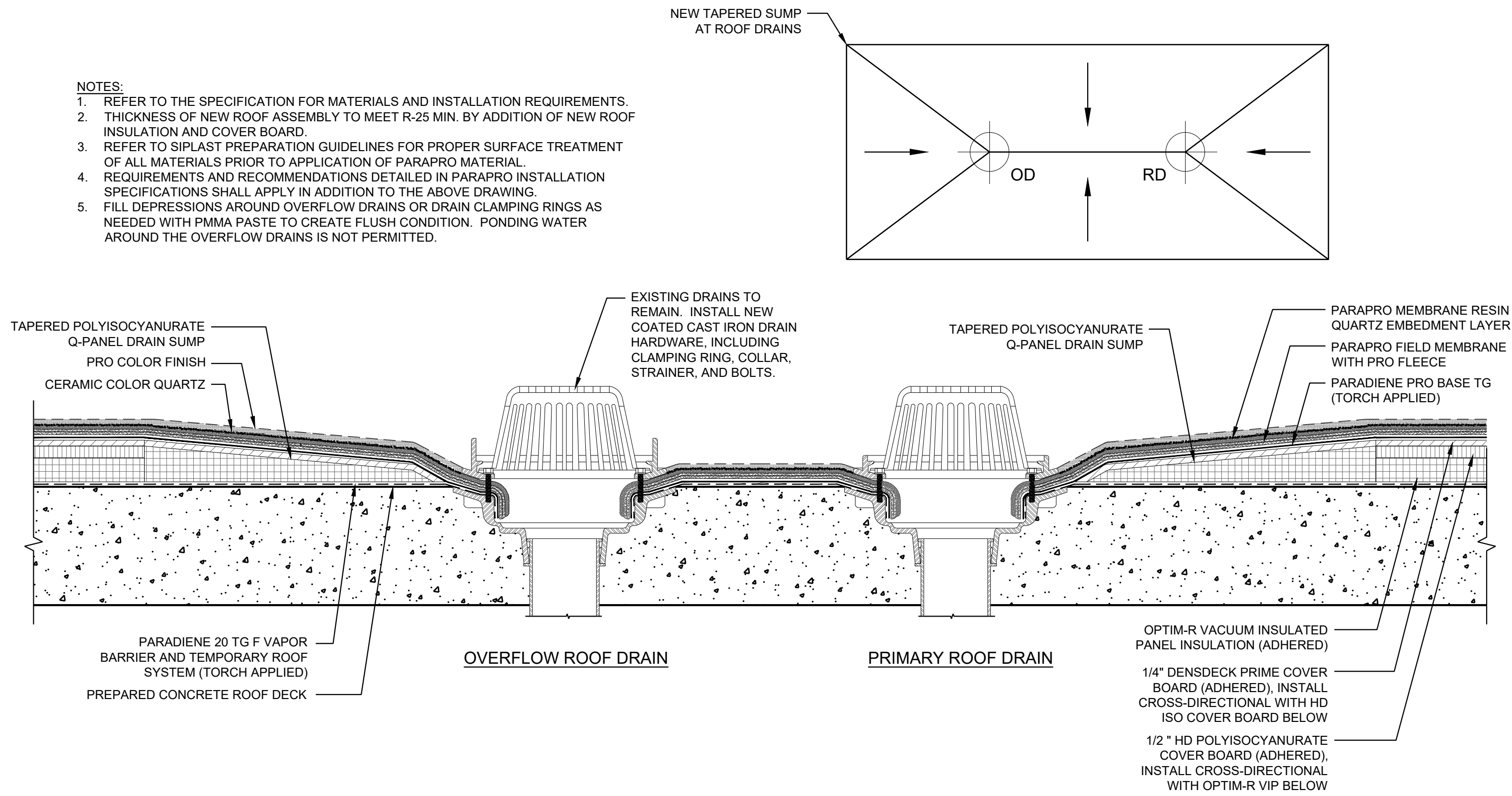
Project: 21096\_6  
Drawn: TRM/ Approved TW  
Issues:  
10/13/22 Issue for Construction

DETAILS -  
EDGE  
CONDITIONS

A301

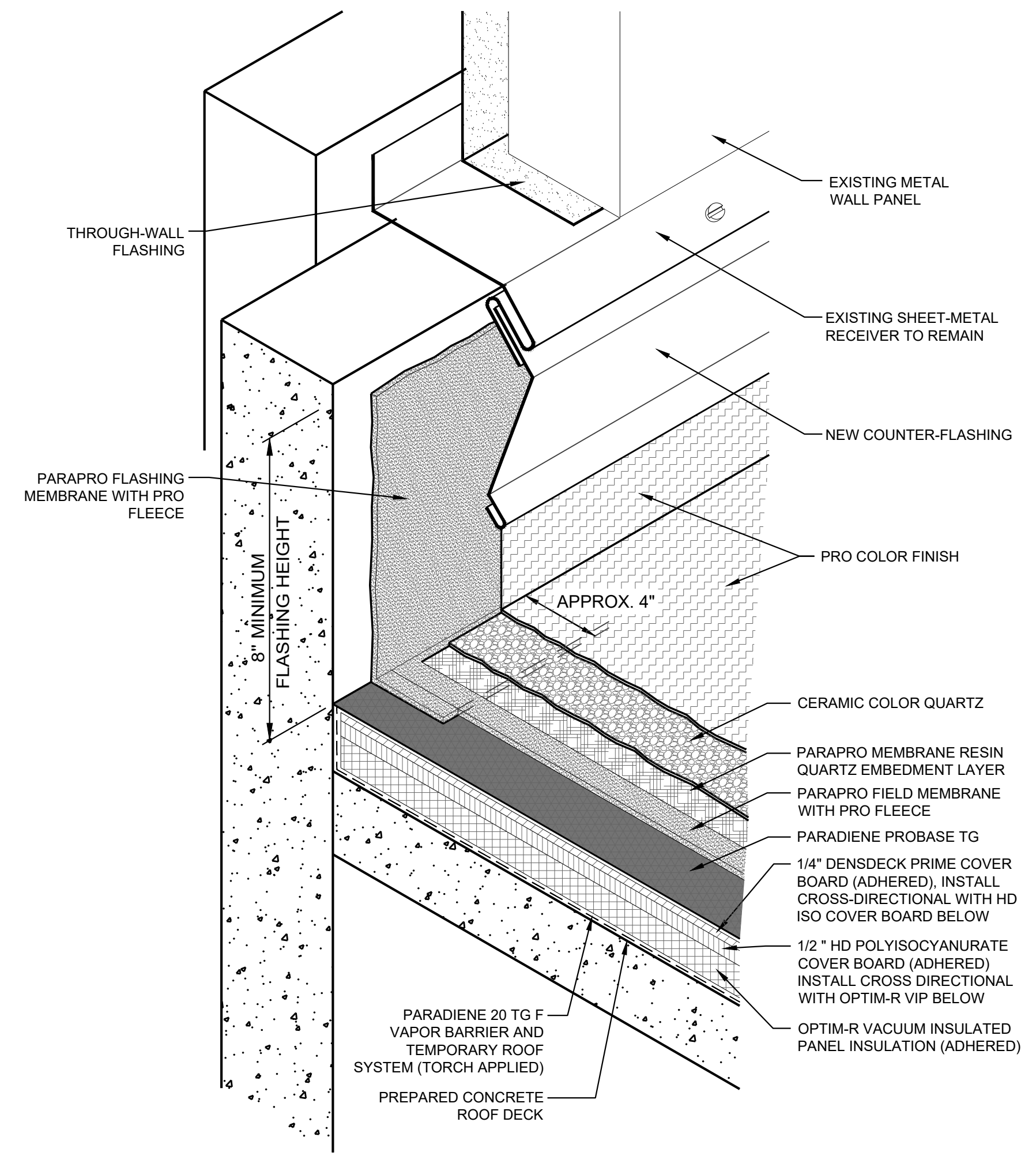


- NOTES:
1. REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS.
  2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF INSULATION AND COVER BOARD.
  3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION OF PARAPRO MATERIAL.
  4. REQUIREMENTS AND RECOMMENDATIONS DETAILED IN PARAPRO INSTALLATION SPECIFICATIONS SHALL APPLY IN ADDITION TO THE ABOVE DRAWING.
  5. FILL DEPRESSIONS AROUND OVERFLOW DRAINS OR DRAIN CLAMPING RINGS AS NEEDED WITH PMMA PASTE TO CREATE FLUSH CONDITION. PONDING WATER AROUND THE OVERFLOW DRAINS IS NOT PERMITTED.



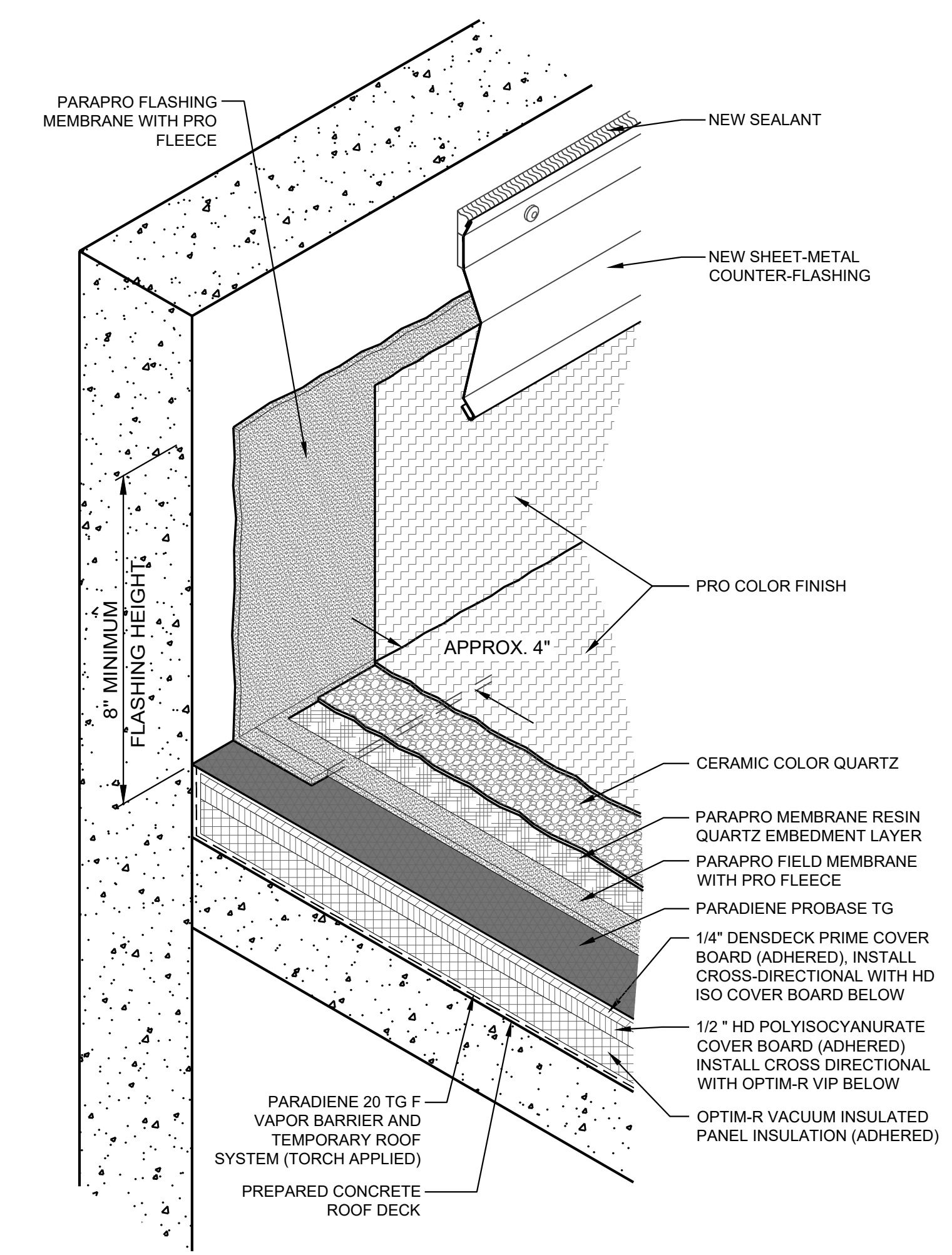
DETAIL DESIGN BASED ON BASE BID ASSEMBLY, SEE DETAIL 1/A300. SEE DETAIL 2/A300 FOR ALTERNATE BID ASSEMBLY

3 ROOF DRAIN DETAIL  
SCALE: 3" = 1'-0"



- NOTES:
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.

2 BASE FLASHING DETAIL AT METAL WALL PANELS  
SCALE: 3" = 1'-0"



- NOTES:
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.

1 BASE FLASHING WITH SURFACE-MOUNTED COUNTER FLASHING DETAIL  
SCALE: 3" = 1'-0"

3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX



HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

DETAILS -  
PERIMETER  
CONDITIONS &  
DRAINAGE

A302



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

3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX

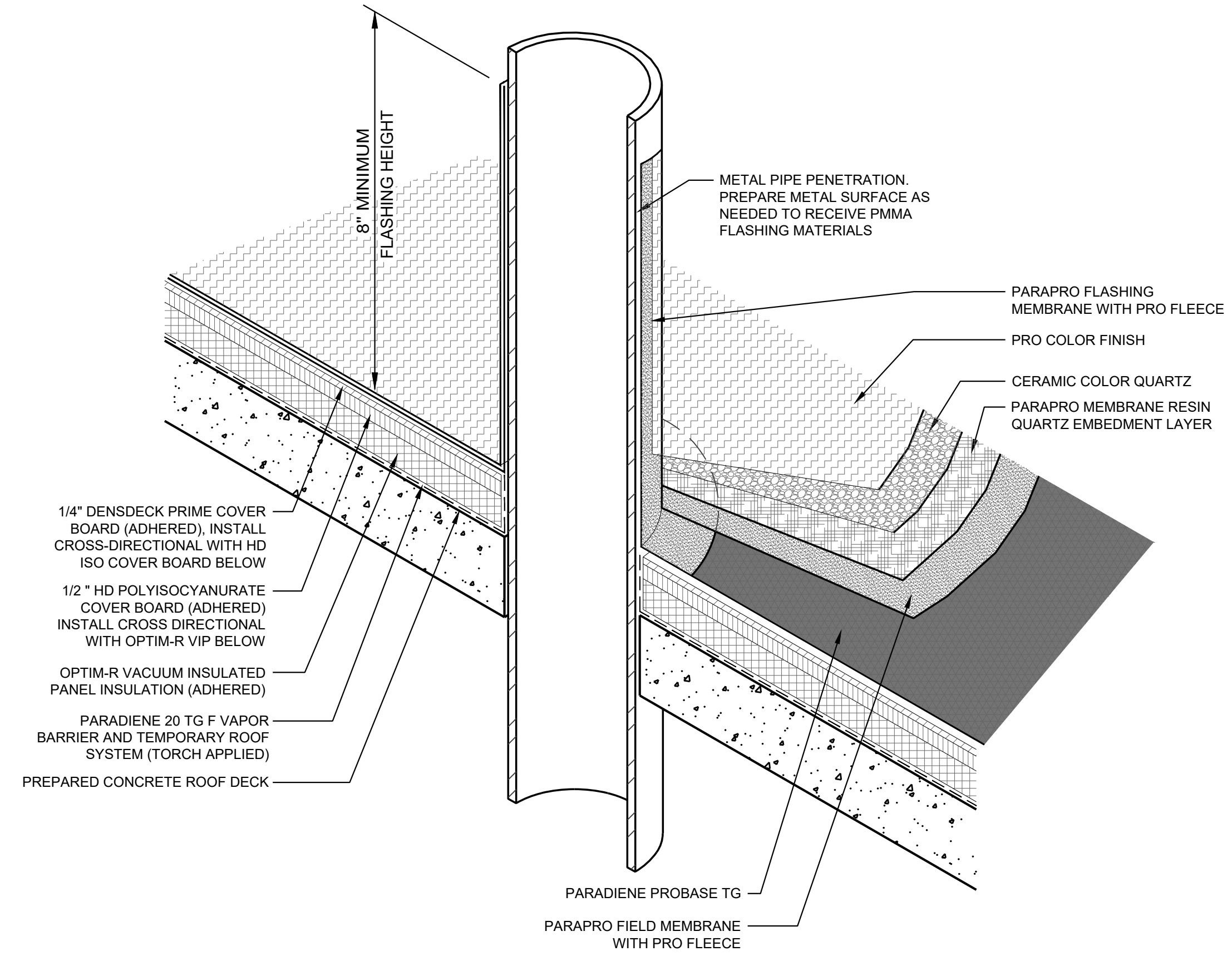


HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

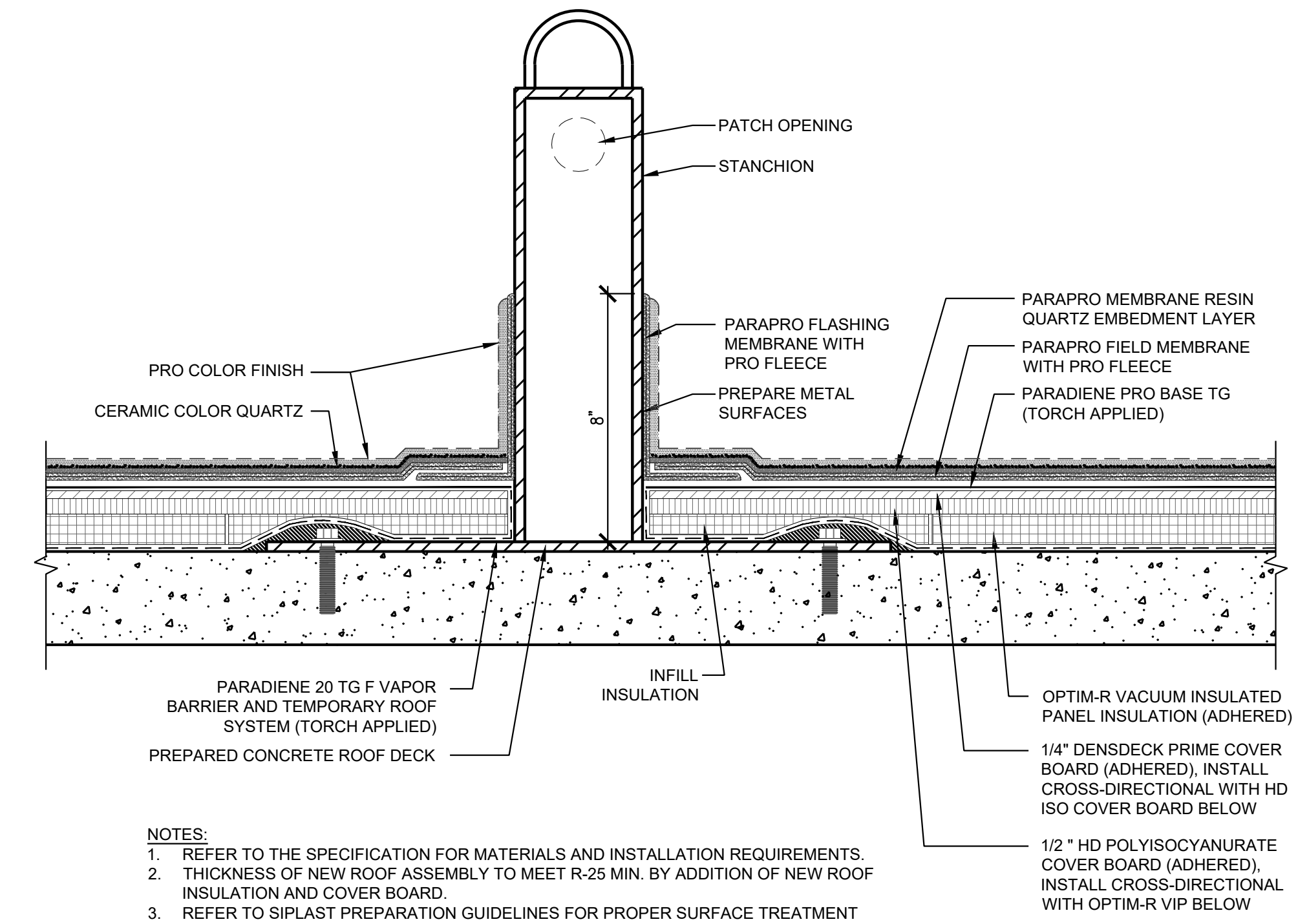
DETAILS -  
PENETRATIONS

A303



- NOTES:
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.

2 PIPE PENETRATION DETAIL  
SCALE: 3" = 1'-0"

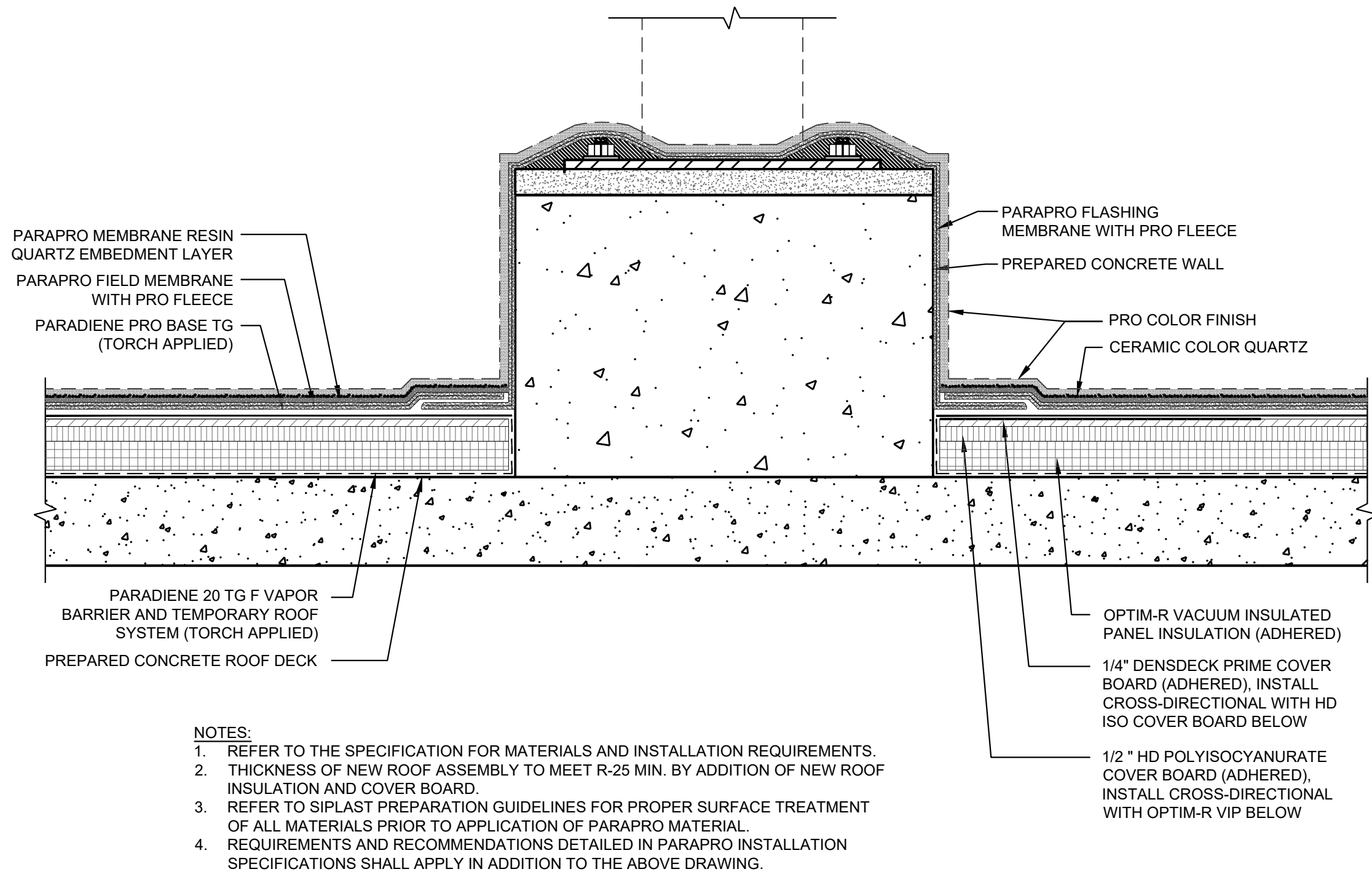


- NOTES:
1. REFER TO THE SPECIFICATION FOR MATERIALS AND INSTALLATION REQUIREMENTS.
  2. THICKNESS OF NEW ROOF ASSEMBLY TO MEET R-25 MIN. BY ADDITION OF NEW ROOF INSULATION AND COVER BOARD.
  3. REFER TO SIPLAST PREPARATION GUIDELINES FOR PROPER SURFACE TREATMENT OF ALL MATERIALS PRIOR TO APPLICATION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

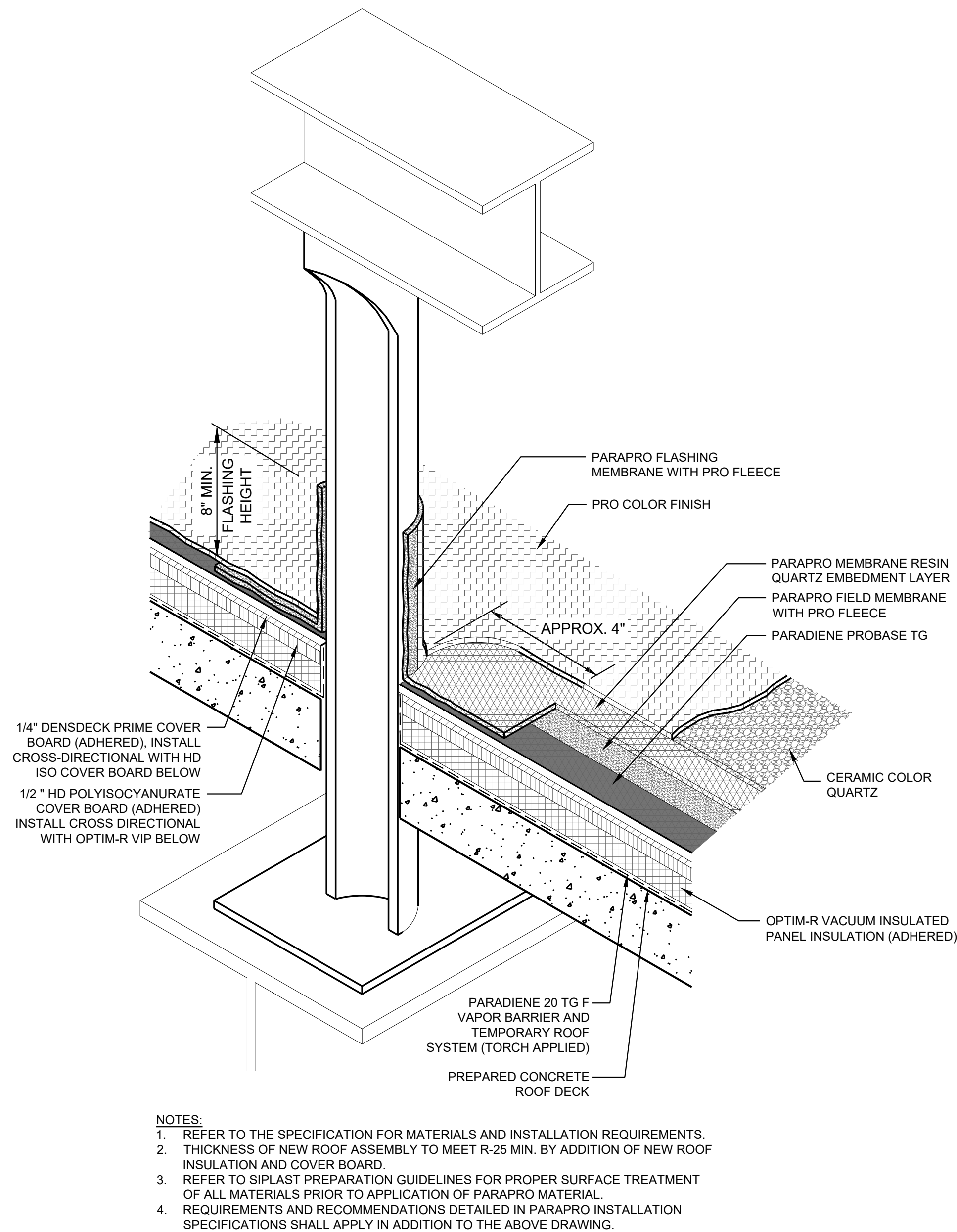
1 STANCHION DETAIL  
SCALE: 3" = 1'-0"



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



2 CHILLER SUPPORT COLUMN DETAIL  
SCALE: 3" = 1'-0"



1 EQUIPMENT SUPPORT DETAIL  
SCALE: 3" = 1'-0"

3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX



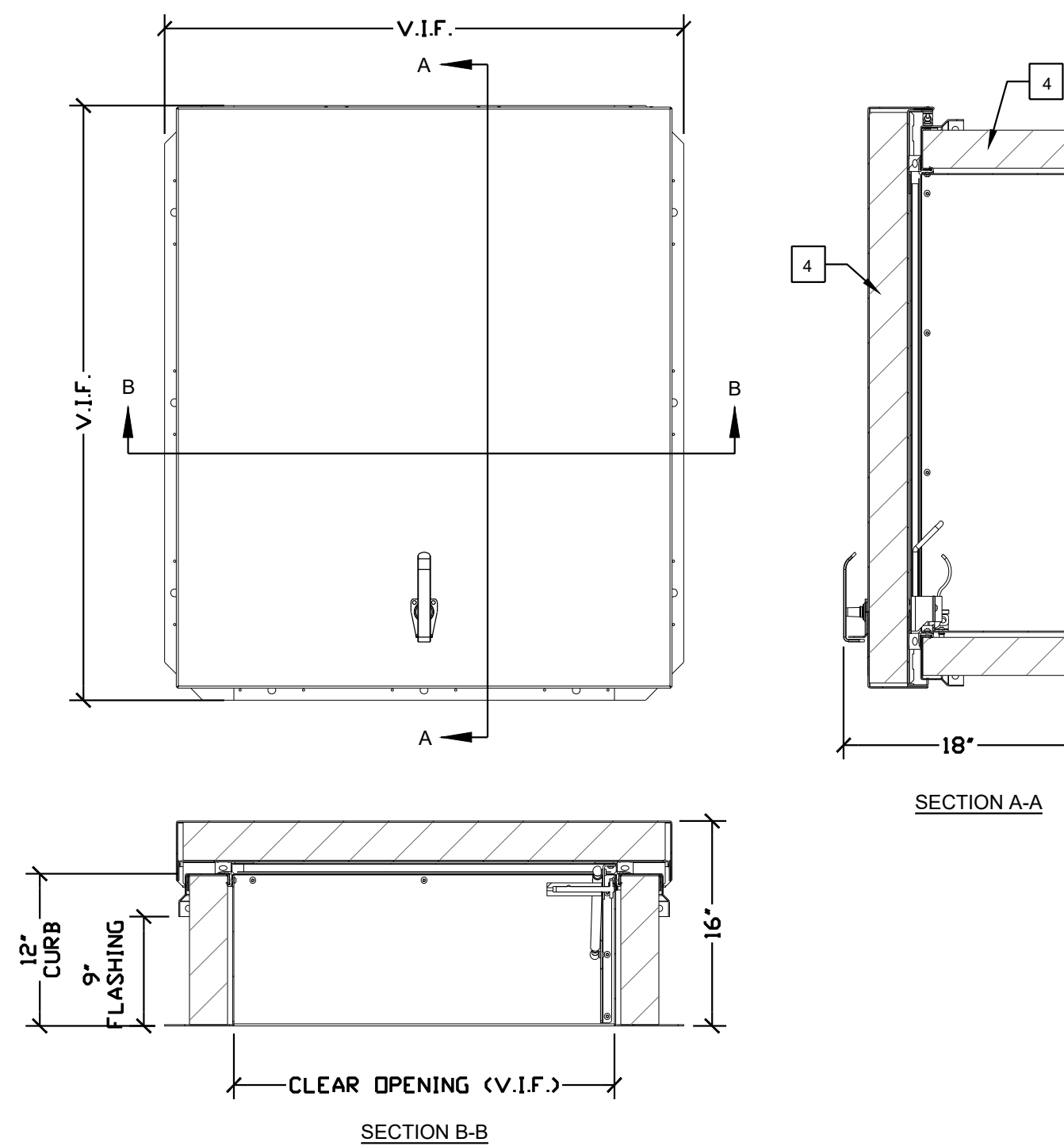
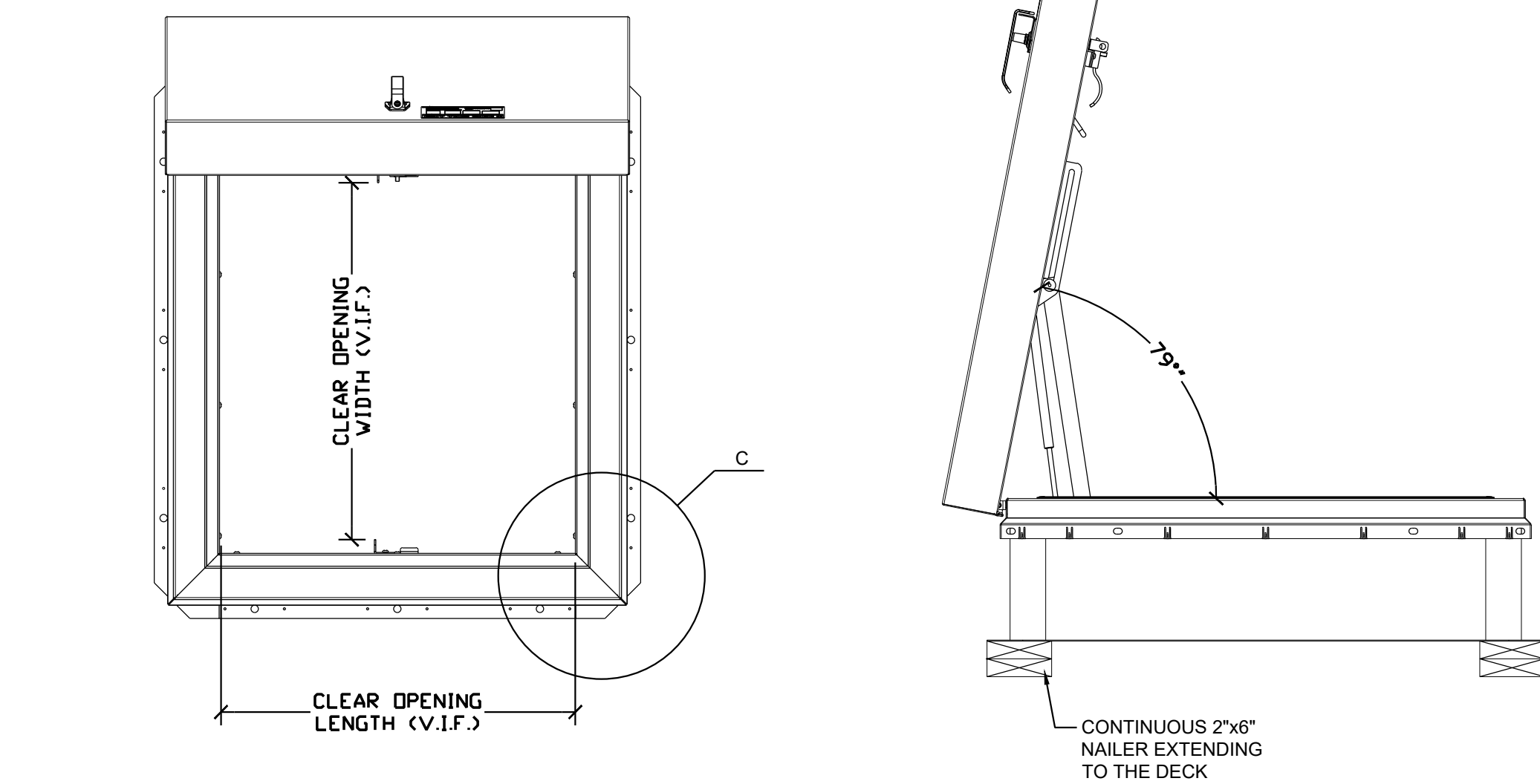
HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

DETAILS -  
EQUIPMENT  
SUPPORTS & MISC.

A304





#### KEY NOTES:

- 1 COVER: 11 GA (.090) ALUM, STIFFENED TO WITHSTAND A LIVE LOAD OF 40PSF WITH A MAX DEFLECTION OF 1/150 OF THE SPAN. CURB: 11 GA (.090) ALUM,
- 2 CURB COUNTERFLASH WITH EZ TABS.
- 3 FINISH: MILL
- 4 INSULATION: 3" POLYISO R-20 IN CURB, 3" POLYISO R-20 IN COVER.
- 5 GASKET: EXTRUDED EPDM RUBBER ADHESIVE BACKED GASKET SEAL CONTINUOUS AROUND COVER.
- 6 SPRING: GAS SPRING WITH DAMPER FOR SMOOTH, CONTROLLED, COUNTERBALANCED LIFT ASSISTANCE.
- 7 HINGE: PINTLE HINGE WITH STAINLESS STEEL HINGE PINS.
- 8 HOLD OPEN ARM: ZINC PLATED STEEL AUTOMATIC HOLD OPEN ARM LOCKS COVER IN FULLY OPEN POSITION WITH RED VINYL GRIP HANDLE PULL RELEASE.

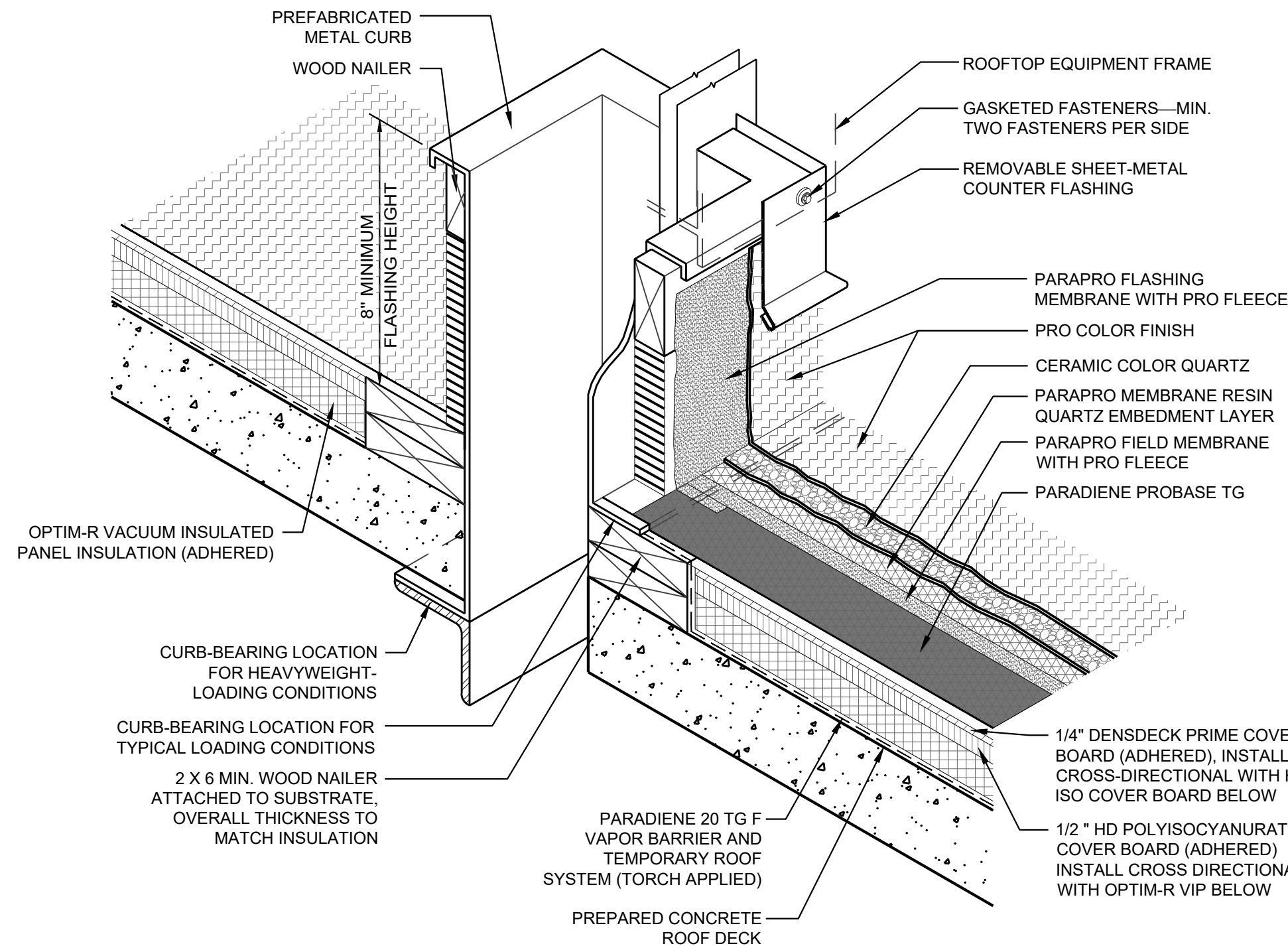
- 9 LATCH : ZINC PLATED STEEL SLAM LATCH, HOLDS COVERS CLOSED AGAINST 20PSF WIND UPLIFT, INTERIOR AND EXTERIOR HANDLES WITH PADLOCK HASPS.
- 10 PULL HANDLE : INTERIOR PULL DOWN HANDLE, SAFETY YELLOW POWDER COAT.

#### NOTES:

1. WIDTH X LENGTH DIMENSIONS ARE MEASURED INSIDE CURB TO INSIDE CURB. THE WIDTH IS HINGE TO LATCH AND LENGTH IS HINGED SIDE.

ROOF HATCH SIZE: VERIFY IN FIELD  
CLEAR OPENING: VERIFY IN FIELD  
ROUGH OPENING: VERIFY IN FIELD

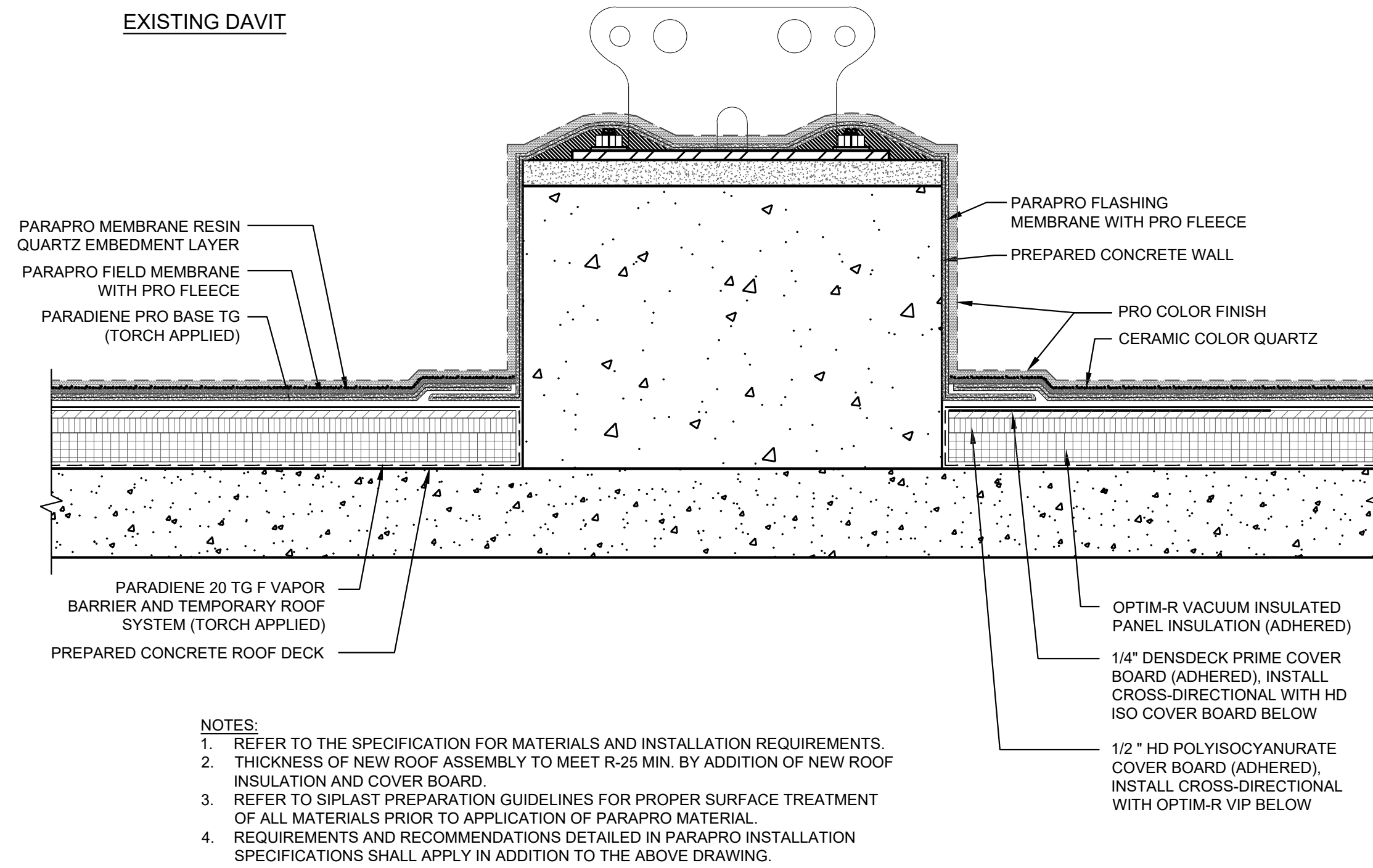
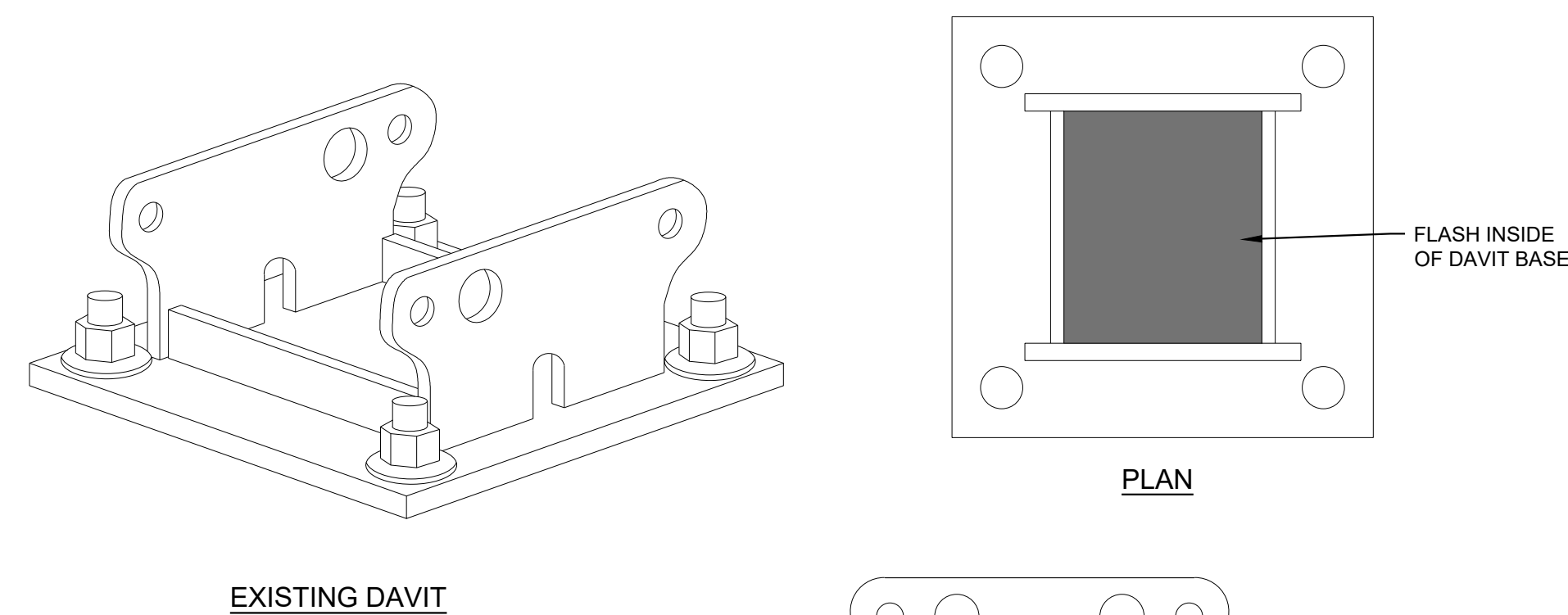
3 ROOF ACCESS HATCH DETAILS  
SCALE: 3" = 1'-0"



#### NOTES:

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.

2 CURB DETAIL  
SCALE: 3" = 1'-0"



#### NOTES:

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.

1 ROOF DAVIT DETAILS  
SCALE: 3" = 1'-0"

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

3225 SHALLOWFORD ROAD  
SUITE 620 ATLANTA, GA 30062  
770-565-3016 VOICE  
770-565-3089 FAX

**MERIK**  
BUILDING CONSTRUCTION CONSULTANTS



HIGH MUSEUM OF ART  
WIELAND PAVILION AND ACC WING  
EXISTING TPO ROOF REPLACEMENT  
1280 PEACHTREE STREET NE, ATLANTA, GA 30309

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

DETAILS -  
CURBS

A305