

**CORPUS CHRISTI REGIONAL TRANSPORTATION AUTHORITY**

**IFB NO. 2024-S-14**

**BEAR LANE LOWER ROOF REPLACEMENT**

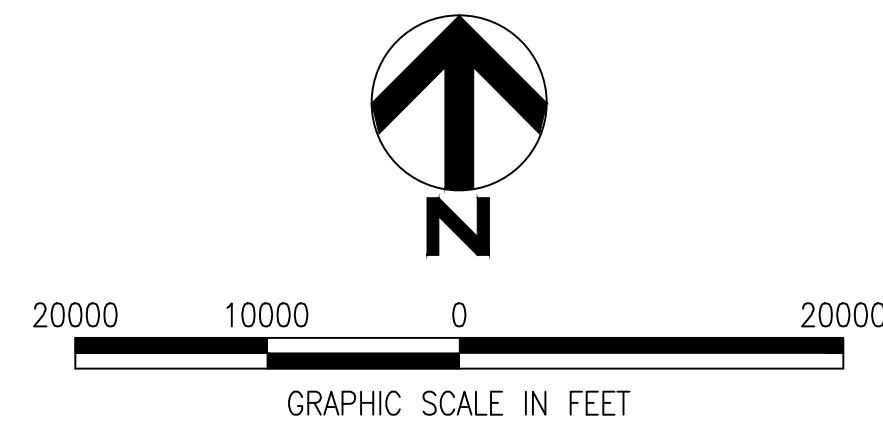
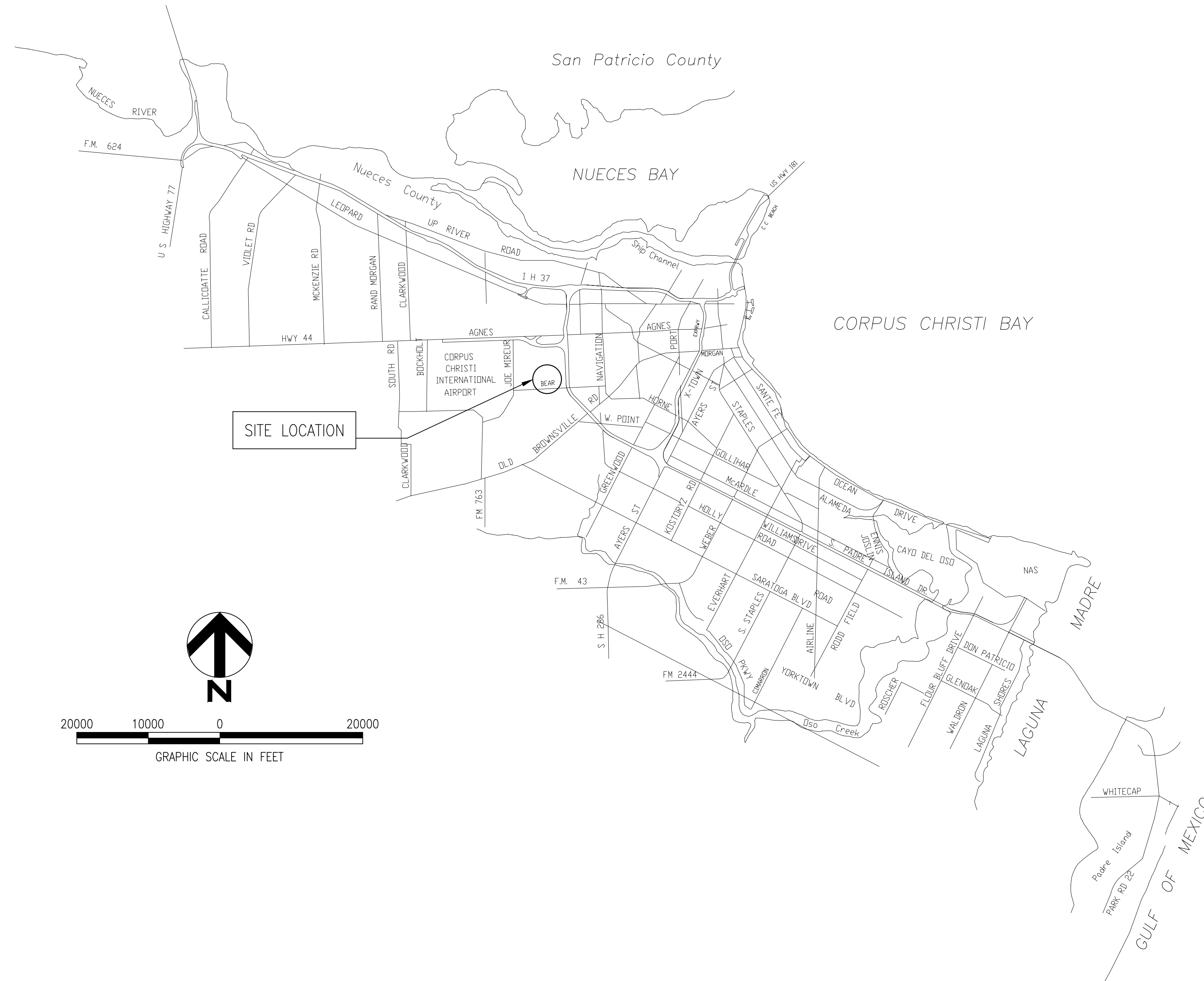
**CONSTRUCTION DRAWINGS**

**(EXHIBIT II)**

Prepared by

Hanson Professional Services, Inc.

# 2024 CCRTA BEAR LANE OFFICE LOWER ROOF REPLACEMENT CORPUS CHRISTI, TEXAS



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### EXEMPT FROM ACCESSIBILITY REVIEW

#### PROJECT NOTES

THIS PROJECT DOES NOT MEET THE PROJECT TYPES LISTED UNDER SECTION 68.20 OF THE 16 TEXAS ADMINISTRATIVE CODE, CHAPTER 68 THAT REQUIRE SUBMISSION FOR ACCESSIBILITY COMPLIANCE.

THIS REROOFING PROJECT DOES NOT AFFECT THE USABILITY OF THE FACILITY PER THE DEFINITION OF "ALTERATION" IN THE 2012 TEXAS ACCESSIBILITY STANDARDS (T.A.S.).

AN "ALTERATION" IN THE T.A.S. IS DEFINED AS:

- 106.5.5 ALTERATION. A CHANGE TO A BUILDING OR FACILITY THAT AFFECTS OR COULD AFFECT THE USABILITY OF THE BUILDING OR FACILITY OR PORTION THEREOF. ALTERATIONS INCLUDE, BUT ARE NOT LIMITED TO, REMODELING, RENOVATION, REHABILITATION, RECONSTRUCTION, HISTORIC RESTORATION, RESURFACING OF CIRCULATION PATHS OR VEHICULAR WAYS, CHANGES OR REARRANGEMENT OF THE STRUCTURAL PARTS OR ELEMENTS, AND CHANGES OR REARRANGEMENT IN THE PLAN CONFIGURATION OF WALLS AND FULL-HEIGHT PARTITIONS, NORMAL MAINTENANCE, REROOFING, PAINTING OR WALLPAPERING, OR CHANGES TO MECHANICAL AND ELECTRICAL SYSTEMS ARE NOT ALTERATIONS UNLESS THEY AFFECT THE USABILITY OF THE BUILDING OR FACILITY.

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REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED

CORPUS CHRISTI REGIONAL  
TRANSPORTATION AUTHORITY

**B**

PROJECT No.	DATE	SCALE	LAYOUT	DRAWN	REVIEWED



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**COVER SHEET**  
**CCRTA BEAR LANE OFFICE**  
**LOWER ROOF REPLACEMENT**  
**CORPUS CHRISTI, TX**

**ARCHITECTURAL GENERAL NOTES**

**SYMBOLS LEGEND**

**GENERAL ABBREVIATIONS**

**REFERENCED CODES**

- PROJECT NOTES**
- THE GENERAL CONTRACTOR, AND THEIR RESPECTIVE SUBCONTRACTORS, WILL BE HELD TO HAVE STUDIED THE CONSTRUCTION DOCUMENTS, VISITED THE SITE, AND BECOME FAMILIAR WITH EXISTING CONDITIONS IN WHICH THEY WILL HAVE TO OPERATE.
    - CONSTRUCTION DOCUMENTS MAY INCLUDE THE CONSTRUCTION DRAWINGS, SPECIFICATIONS, CONTRACTS, AND ANY SUBSEQUENT DOCUMENTS RELEASED BY THE DESIGN PROFESSIONAL (ARCHITECT AND/OR ENGINEER) FOR THIS PROJECT, BOTH PRIOR TO AND DURING CONSTRUCTION.
  - THE OVERALL CONSTRUCTION DOCUMENTS EXPRESS THE DESIGN INTENT, AND MAY NOT INCLUDE ALL DETAILS NECESSARY TO PERFORM THE WORK. THE CONSTRUCTION DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS.
  - THE CONSTRUCTION DRAWINGS FOR THIS PROJECT MAY INCLUDE, BUT ARE LIMITED TO, THE FOLLOWING DISCIPLINES:
    - CIVIL
    - STRUCTURAL
    - ARCHITECTURAL
    - MECHANICAL, ELECTRICAL AND PLUMBING
    - LANDSCAPE
    - ANY OTHER SPECIALIZED DISCIPLINES
  - THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND/OR ENGINEER OF ANY DISCREPANCIES IN THE CONTRACT DOCUMENTS SO THAT THEY MAY BE EVALUATED PRIOR TO PERFORMING THE WORK. WRITTEN DIRECTION WILL BE PROVIDED BY THE DESIGN DISCIPLINE BEFORE PROCEEDING WITH ANY WORK. ANY WORK COMPLETED WITHOUT WRITTEN DIRECTION WILL BE AT THE CONTRACTOR'S OWN RISK AND EXPENSE.
  - THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE GOVERNING BUILDING CODES, CURRENT O.S.H.A. SAFETY REGULATIONS, AND CURRENT MUNICIPAL ORDINANCES OF THE PROJECT'S LOCATION.
  - ALL RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (T.A.S.) UNLESS NOTED OTHERWISE.
  - IF THE PROJECT IS LOCATED WITHIN ONE OF THE DESIGNATED WINDSTORM CATASTROPHE COUNTIES IDENTIFIED BY THE TEXAS DEPARTMENT OF INSURANCE, THEN REFER TO THE NOTES PROVIDED BY THE STRUCTURAL ENGINEER FOR FURTHER INSTRUCTIONS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL NECESSARY CLEARANCES AND PERMITS FOR THE PROJECT FROM THE LOCAL MUNICIPALITY, UNLESS STATED OTHERWISE IN OTHER DOCUMENTS.
  - THE CONTRACTOR SHALL SCHEDULE WITH THE LOCAL BUILDING AUTHORITY ALL REQUIRED INSPECTIONS FOR THE WORK TO BE PERFORMED IN THE CONSTRUCTION DOCUMENTS.
  - THE CONTRACTOR SHALL PROVIDE A MEANS TO PROTECT ALL EXISTING AND NEW SURFACES - BOTH HORIZONTAL AND VERTICAL - FROM DAMAGE DURING CONSTRUCTION, ESPECIALLY THOSE SCHEDULED TO REMAIN "AS IS" OR TO RECEIVE A NEW FINISH / COATING ACCORDING TO THE CONSTRUCTION DOCUMENTS.
  - DAMAGE DONE TO ANY SURROUNDING SURFACES (HORIZONTAL AND VERTICAL), SUBGRADE AND OVERHEAD UTILITIES, SITE LANDSCAPING, THE IRRIGATION SYSTEM, PAVED SURFACES, OR ANY OTHER ITEMS THAT PERTAIN TO THE NORMAL APPEARANCE AND OPERATIONS OF THE PROPERTY, SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
  - THE CONTRACTOR SHALL LEAVE THE JOBSITE CLEAN AND FREE OF CONSTRUCTION DEBRIS AT THE END OF EACH WORK DAY, AND AT THE COMPLETION OF THE PROJECT.
  - LOCATIONS FOR THE FOLLOWING, AND OPERATIONS SCHEDULING, SHALL BE COORDINATED WITH THE OWNER, IF APPLICABLE TO THIS PROJECT:
    - THE CONSTRUCTION DUMPSTER
    - THE EQUIPMENT AND MATERIALS STORAGE YARD
    - THE PORTABLE RESTROOM FACILITY
    - THE PORTABLE JOBSITE OFFICE
    - SCHEDULED POWER OUTAGES TO PERFORM WORK
    - SCHEDULED UTILITY SHUTDOWNS TO PERFORM WORK
    - SITE ACCESS, THE HOURS OF WEEKDAY / WEEKEND OPERATIONS
    - MATERIAL DELIVERIES TO THE JOBSITE
    - ANY OTHER REQUIRED ITEMS TO PERFORM THE WORK
  - THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND/OR ENGINEER OF ANY CONCEALED OR UNKNOWN CONDITIONS ENCOUNTERED DURING CONSTRUCTION THAT DIFFER FROM THOSE NOTED IN THE CONSTRUCTION DOCUMENTS.
    - THE CONTRACTOR WILL BE NOTIFIED BY THE ARCHITECT AND/OR ENGINEER OF THE APPROXIMATE AMOUNT OF TIME NECESSARY TO EVALUATE AND RESPOND TO THE DISCOVERY IN WRITING.
    - WORK NOT DIRECTLY EFFECTED BY THE ANOMALLY MAY PROCEED CAUTIOUSLY, UNLESS INSTRUCTED OTHERWISE BY THE OWNER, OWNER'S REPRESENTATIVE, OR THE DESIGN PROFESSIONAL ACTING UNDER THE OWNER'S INSTRUCTIONS.
  - THE CONTRACTOR SHALL RETAIN A COPY OF ALL CONSTRUCTION DRAWINGS, SPECIFICATIONS, INSPECTION REPORTS, APPROVED SUBMITTALS, AND SUBSEQUENT DOCUMENTS PROVIDED BY THE DESIGN PROFESSIONAL(S) IN THE JOBSITE OFFICE.
  - AERIAL DRONES: ANY PARTY INTENDING TO OPERATE AN AERIAL DRONE FOR ANY PURPOSE ON THE CONSTRUCTION SITE SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS (F.A.A. OR OTHER) AND ABIDING BY CURRENT REGULATIONS (F.A.A., LOCAL, OR OTHER) BEFORE UTILIZATION. THE PARTY SHALL MAKE AVAILABLE COPIES OF THE PERMITS AND THE OPERATOR'S LICENSE TO THE OWNER IF REQUESTED. COORDINATE ALL FLIGHTS WITH THE GENERAL CONTRACTOR AND OWNER.

- PROJECT NOTES**
- ELEVATION/GRADE TAG WITH NOTES
  - BUILDING / INTERIOR ELEVATION TAG WITH SHEET REFERENCE
  - SECTION OR DETAIL TAG WITH SHEET REFERENCE
  - DOOR IDENTIFICATION TAG
  - FLOOR FINISH IDENTIFICATION TAG
  - WALL TYPE / PARTITION IDENTIFICATION TAG
  - PLUMBING FIXTURE IDENTIFICATION TAG
  - INTERIOR / EXTERIOR WINDOW IDENTIFICATION TAG
  - REVISION NUMBER IDENTIFICATION TAG
  - AREA AND AREA NUMBER IDENTIFICATION TAG
  - SLOPE AND DIRECTION INDICATOR
  - INTERIOR / EXTERIOR AREA IDENTIFICATION / DIRECTIONAL SIGN DESIGNATION TAG
  - RESTROOM ACCESSORY DESIGNATION TAG
  - TAG INDICATES A CHANGE IN THE FLOOR LEVEL
  - TAG INDICATES A SLOPE IN THE FLOOR LEVEL

- PROJECT NOTES**
- A.C.T. ACOUSTICAL CEILING TILE
  - A.H.U. AIR HANDLER UNIT
  - ALUM. ALUMINUM
  - APPROX. APPROXIMATE(LY)
  - ARCH. ARCHITECT, ARCHITECTURAL
  - B.O.C. BOTTOM OF CONCRETE
  - BOT. OR BTM. BOTTOM
  - C.L. CENTER LINE
  - CLR. CLEAR
  - COND. CONDENSER
  - COL. COLUMN
  - CONC. CONCRETE
  - CONNEX. CONNECTION
  - CY. CUBIC YARD
  - D. DEPTH
  - DIA. DIAMETER
  - DWGS. DRAWINGS
  - EA. EACH
  - EL. ELEVATION
  - ELEC. ELECTRICAL
  - E.M.T. (EMT) ELECTRICAL METALLIC TUBING
  - EXIST. EXISTING
  - EXT. EXTERIOR
  - F.D. FLOOR DRAIN
  - F.D.C. FIRE DEPARTMENT CONNECTION
  - F.E. FIRE EXTINGUISHER
  - F.F.E. FINISHED FLOOR ELEVATION
  - GA. GAUGE
  - GALV. GALVANIZED
  - GYP. BD. GYPSUM BOARD
  - HVAC HEATING / VENTING / AIR CONDITIONING
  - HGT. HEIGHT
  - H.M. HOLLOW METAL
  - HORIZ. HORIZONTAL
  - HSS. HOLLOW STRUCTURAL STEEL
  - H.W.H. (HWH) HOT WATER HEATER
  - INSUL. INSULATION
  - INT. INTERIOR
  - LAV. LAVATORY
  - LBS. POUND(S)
  - LP. LIGHT POLE
  - LVL. LAMINATED VENEER LUMBER
  - LVT. LUXURY VINYL TILE
  - MAX. MAXIMUM
  - M.E.P. (MEP) MECHANICAL-ELECTRICAL-PLUMBING
  - MD. MAIN DISCONNECT
  - MID. MIDDLE
  - MIN. MINIMUM
  - MOD. BIT. MODIFIED BITUMEN (ROOF)
  - MTD. MOUNTED
  - MTL. METAL
  - N/A. NOT APPLICABLE
  - N.I.C. NOT IN CONTRACT
  - NO. NUMBER
  - O.C. ON CENTER
  - O.C.E.W. ON CENTER EACH WAY
  - OSB. ORIENTED STRAIN BOARD
  - OVHD. OVERHEAD
  - PL. PLATE
  - PLYWD. PLYWOOD
  - P.P. POWER POLE
  - PSI. POUNDS PER SQUARE INCH
  - PSF. POUNDS PER SQUARE FOOT
  - PVC. POLYVINYL CHLORIDE
  - PVMT. PAVEMENT
  - REINF. REINFORCEMENT
  - R.T.U. ROOF TOP [HVAC] UNIT
  - SF. SQUARE FOOT
  - SHWR. SHOWER
  - S.S. STAINLESS STEEL
  - S.S.R. STANDING SEAM ROOF
  - STL. STEEL
  - STRUCT. STRUCTURE, STRUCTURAL
  - SY. SQUARE YARD
  - THK. THICK
  - T.O. TOP OF
  - T.O.C. TOP OF CONCRETE
  - T.O.S. TOP OF SLAB
  - T.P.O. THERMOPLASTIC POLYOLEFIN ROOF
  - TYP. TYPICAL
  - VCT. VINYL COMPOSITION TILE
  - VERT. VERTICAL
  - W. WIDE, OR WIDTH
  - W / WITH
  - W.C. WATER CLOSET (TOILET)
  - WP. WORK POINT
  - XFMR. TRANSFORMER

- PROJECT NOTES**
- THE FOLLOWING BUILDING CODES AND STANDARDS WERE USED IN THE DESIGN OF THE ARCHITECTURAL PORTION OF THIS PROJECT:
- INTERNATIONAL BUILDING CODE, 2021 IBC
  - INTERNATIONAL EXISTING BUILDING CODE, 2021 IEBC
  - INTERNATIONAL FIRE CODE, 2021 IFC
  - INTERNATIONAL ENERGY CONSERVATION CODE, 2021 IECC
  - OTHER CODES REFERENCED BY THE MECHANICAL, ELECTRICAL AND PLUMBING DISCIPLINES CONSULTED IN THIS PROJECT
- THE FOLLOWING ACCESSIBILITY LAWS AND STANDARDS WERE USED IN THE DESIGN OF THE ARCHITECTURAL PORTION OF THIS PROJECT:
- OUTSIDE THE STATE OF TEXAS
    - 2010 AMERICANS WITH DISABILITIES ACT (ADA), OR
    - THE ICC 117.1-2017, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
  - WITHIN THE STATE OF TEXAS
    - 2012 TEXAS ACCESSIBILITY STANDARDS (TAS)

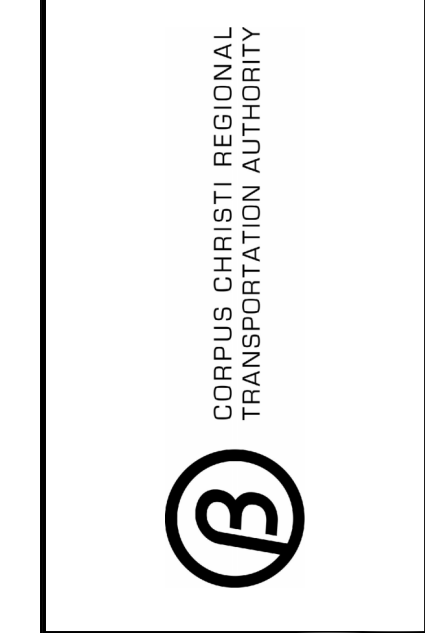
**ACCESSIBILITY GENERAL NOTES**

- PROJECT NOTES**
- THE CONTRACTOR AND THEIR SUBCONTRACTORS, SHALL EXAMINE AND BECOME FAMILIAR WITH THE ACCESSIBILITY DESIGN REQUIREMENTS IN THE TEXAS ACCESSIBILITY STANDARDS (T.A.S.), 2012 EDITION, AND RELATED TECHNICAL MEMORANDUMS PUBLISHED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATIONS (TDLR), ELIMINATIONS OF ARCHITECTURAL BARRIERS DIVISION.
  - THE DETAILS ON THIS SHEET REPRESENT THE MOST COMMON REQUIREMENTS, HOWEVER, IT IS RECOMMENDED THAT THE CONTRACTOR KEEP A COPY OF THE T.A.S. IN THE JOBSITE OFFICE (JOB SHACK) OR IN A MEANS THAT IS READILY ACCESSIBLE FOR REFERENCE AS NOT ALL INFORMATION IS PROVIDED HEREIN.
  - DETAILS ARE NOT TO BE SCALED FOR DIMENSIONS.
  - AS PER T.A.S. SECTION 104.1 - DIMENSIONS THAT ARE NOT STATED AS "MAXIMUM" OR "MINIMUM" ARE ABSOLUTE.
- A COMPLETE ELECTRONIC COPY OF THE STANDARDS IN PDF FORMAT CAN BE DOWNLOADED AT:
- [HTTPS://WWW.TDLR.TEXAS.GOV/AB/AB.HTM](https://www.tdlr.texas.gov/ab/ab.htm)

**EXEMPT FROM ACCESSIBILITY REVIEW**

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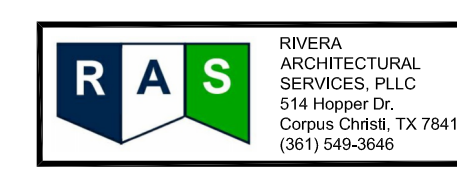


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REVIEWED	JER	4/23/2024	JER	4/23/2024



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**GENERAL ARCHITECTURAL NOTES**  
 CCRTA BEAR LANE OFFICE  
 LOWER ROOF REPLACEMENT  
 CORPUS CHRISTI, TEXAS



**GA1.00**



### KEY NOTES

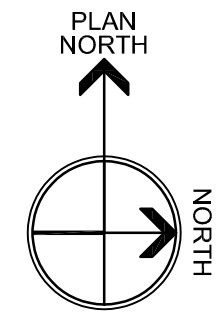
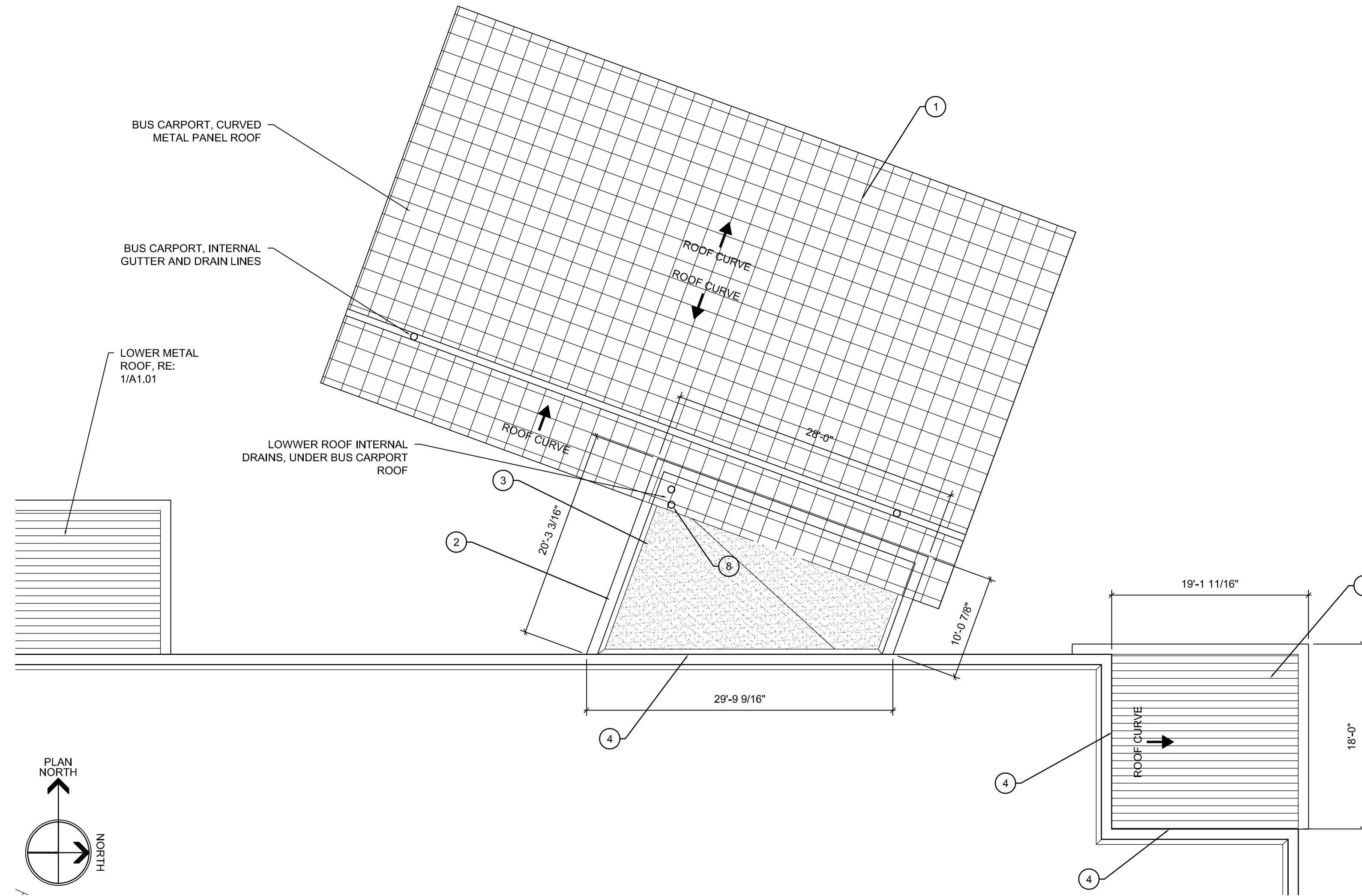
THIS SHEET ONLY

- 1 REMOVE THE METAL PANEL ROOF ASSEMBLY, INCLUDING EAVE TRIM
- 2 REMOVE THE LOWER ROOF METAL PARAPET COPING AND WOOD BLOCKING BELOW
- 3 REMOVE THE LOWER MODIFIED BITUMEN ROOF ASSEMBLY, INCLUDING THE RIGID INSULATION
- 4 REMOVE METAL COUNTERFLASHING AT THE ROOF TO WALL TRANSITION
- 5 NOT USED
- 6 NOT USED
- 7 NOT USED
- 8 REMOVE THE EXISTING ROOF DRAIN STRAINERS

### GENERAL NOTES

PROJECT NOTES

- 1. IT IS THE INTENT OF THE ARCHITECT THAT THE DRAWINGS HEREIN SHALL BE CROSS-REFERENCED WITH THE DRAWINGS FROM OTHER DISCIPLINES PROVIDED IN THIS SET OF CONSTRUCTION DRAWINGS IN ORDER TO OBTAIN THE INFORMATION NECESSARY TO CONSTRUCT THIS PROJECT IN AN ORDERLY AND TIME EFFICIENT MANNER.
- 2. ALL DRAWINGS REPRESENT THE DESIGN INTENT FOR THE SCOPE OF THE PROJECT AND MAY NOT INCLUDE ALL NECESSARY WORK IN DETAIL FOR FULL EXECUTION OF THE PROJECT.
- 3. THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE GOVERNING BUILDING CODES, CURRENT O.S.H.A. SAFETY REGULATIONS, AND CURRENT MUNICIPAL ORDINANCES OF THE PROJECT'S LOCATION.
- 4. UNLESS NOTED OTHERWISE, ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (T.A.S.). REFER TO THE ACCESSIBILITY GENERAL NOTES SHEET IN THESE DRAWINGS FOR MORE INFORMATION.
- 5. REFER TO THE ARCHITECTURAL GENERAL NOTES FOR ADDITIONAL INFORMATION.



1 BUS CARPORT AND NORTH SIDE METAL ROOF  
A1.02 SCALE: 1/8"=1'-0"

REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED

CORPUS CHRISTI REGIONAL  
TRANSPORTATION AUTHORITY

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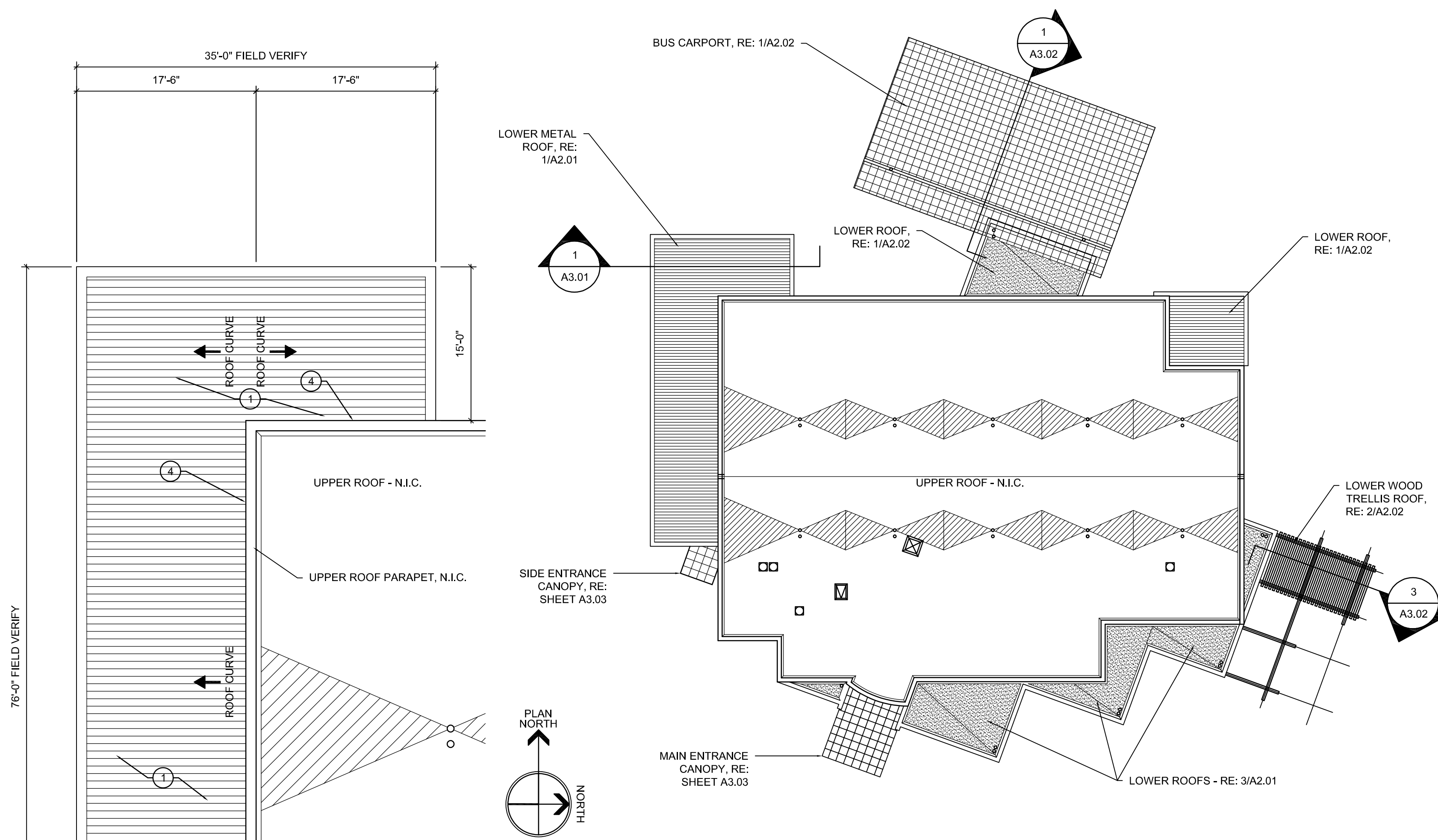
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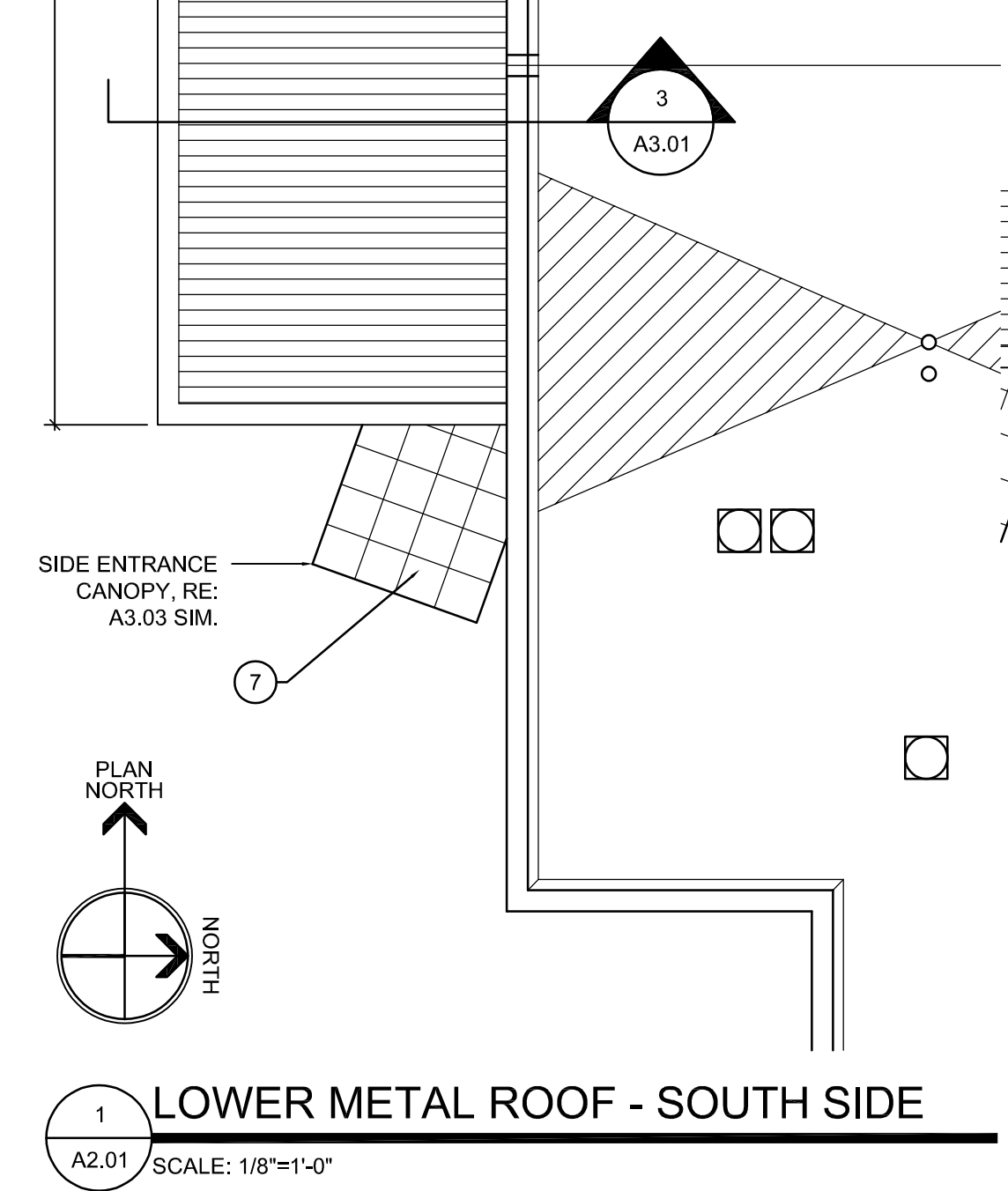
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**EXISTING CONDITIONS & DEMOLITION PLAN**  
CCRTA BEAR LANE OFFICE  
LOWER ROOF REPLACEMENT  
CORPUS CHRISTI, TEXAS

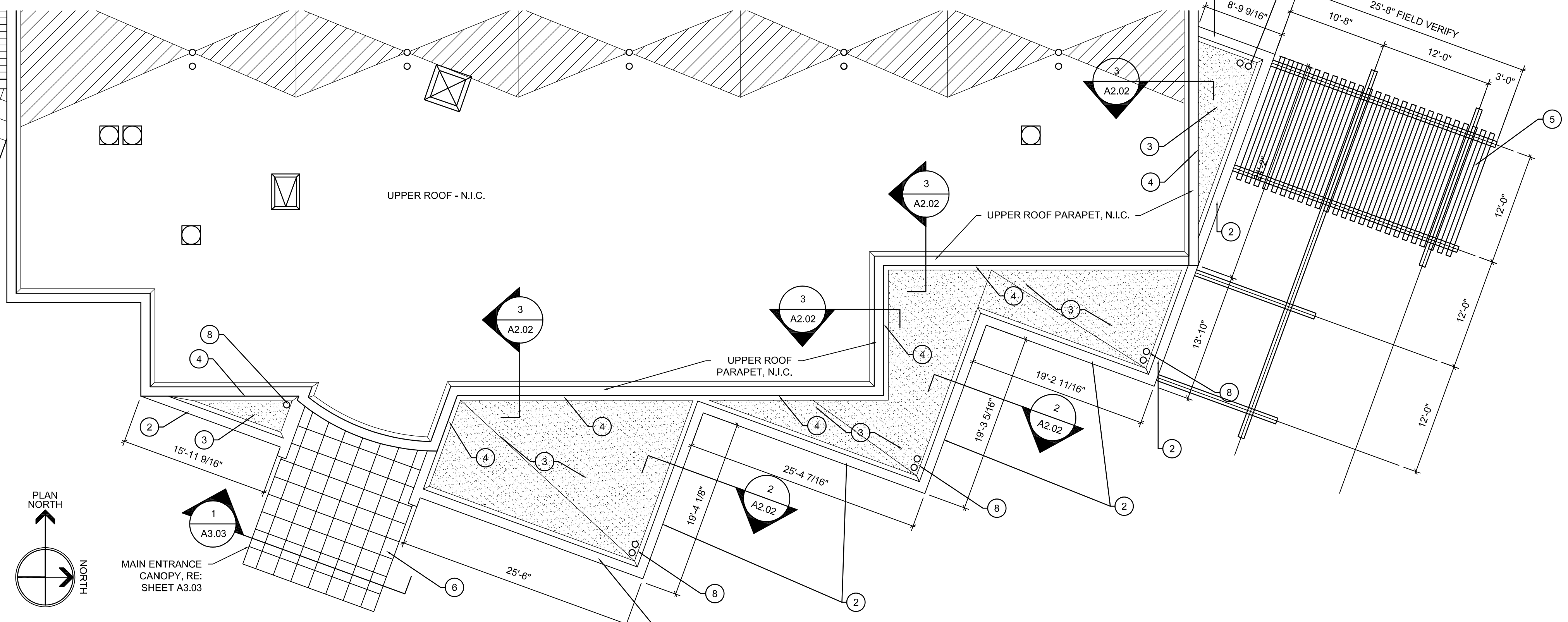




**2 BUILDING ROOF PLAN**  
A2.01 SCALE: 1"=20'-0"



**1 LOWER METAL ROOF - SOUTH SIDE**  
A2.01 SCALE: 1/8"=1'-0"



**3 LOWER ROOF PLAN - EAST SIDE**  
A2.01 SCALE: 1/8"=1'-0"

**KEY NOTES**

- THIS SHEET ONLY
- 1 PROVIDE A NEW METAL PANEL ROOFING ASSEMBLY AND EAVE TRIM
  - 2 PROVIDE NEW METAL PARAPET COPING AND WOOD BLOCKING BELOW, MATCH THE EXISTING UPPER ROOF PARAPET CAP TRIM
  - 3 PROVIDE NEW T.P.O. ROOFING ASSEMBLY
  - 4 PROVIDE NEW METAL COUNTERFLASHING AT THE ROOF TO WALL TRANSITION
  - 5 PROVIDE NEW DIMENSIONAL WOOD TRELLIS MEMBERS; MATCH THE LUMBER DIMENSIONS AND SPACING; PROVIDE NEW S.S. HURRICANE TIES FOR EACH NEW TRELLIS MEMBER
  - 6 AT THE ENTRY - THE CONTRACTOR SHALL KEEP THE ENTRANCE WALKWAY CLEAR OF DEBRIS, NEW MATERIALS, AND EQUIPMENT FOR THE DURATION OF THE PROJECT.
  - 7 AT THE SIDE ENTRY - THE CONTRACTOR SHALL KEEP THE ENTRANCE WALKWAY CLEAR OF DEBRIS, NEW MATERIALS, AND EQUIPMENT FOR THE DURATION OF THE PROJECT.
  - 8 PROVIDE NEW RETROFIT ROOF DRAINS WITH NEW STRAINERS, THE SIZE OF THE RETROFIT DRAIN SHALL MATCH THE EXISTING DRAIN PIPE SIZING

**GENERAL NOTES**

- PROJECT NOTES
1. IT IS THE INTENT OF THE ARCHITECT THAT THE DRAWINGS HEREIN SHALL BE CROSS-REFERENCED WITH THE DRAWINGS FROM OTHER DISCIPLINES PROVIDED IN THIS SET OF CONSTRUCTION DRAWINGS IN ORDER TO OBTAIN THE INFORMATION NECESSARY TO CONSTRUCT THIS PROJECT IN AN ORDERLY AND TIME EFFICIENT MANNER.
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  5. REFER TO THE ARCHITECTURAL GENERAL NOTES FOR ADDITIONAL INFORMATION.

**PROJECT SPECIAL NOTES**

PROJECT NOTES

ALL DIMENSIONS ARE BASED ON THE EXISTING CONSTRUCTION DRAWINGS PROVIDED BY THE OWNER AND ARE SUBJECT TO FIELD VERIFICATION PRIOR TO CONSTRUCTION COMMENCING.

NO ROOF DECK INVESTIGATION WAS CONDUCTED BY THE ARCHITECT AND/OR ENGINEER. THE CONTRACTOR SHALL CONTACT THE ARCHITECT AND/OR ENGINEER OF RECORD, AND CONSULT WITH THE WINDSTORM ENGINEER/INSPECTOR, TO INSPECT THE ROOF DECK AS PORTIONS ARE EXPOSED BEFORE INSTALLING THE NEW BASE MATERIALS.

EXISTING DRAWINGS INDICATE THAT THE PRIMARY ROOF SLOPE IS 1/4" PER FT. IT IS NOT CLEAR IF THE SLOPE IS BUILT INTO THE ROOF DECK FOR THE LOWER ROOFS. ANY SLOPE OR CRICKETS FORMED BY THE RIGID INSULATION WILL HAVE TO BE RECONSTRUCTED DURING THE ASSEMBLY REPLACEMENT TO PROVIDE POSITIVE DRAINAGE TOWARDS THE INTERNAL ROOF DRAINS.

REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED
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CORPUS CHRISTI REGIONAL TRANSPORTATION AUTHORITY

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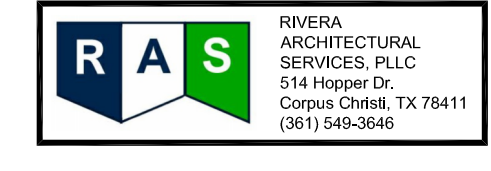
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4501 Callihar Rd  
Corpus Christi, Texas 78411  
Tel: 361-718-5147 / TBAE S.F. 0098900  
TBAE F-505566 / TBAE F-5R 2459

**NEW ROOF PLANS**

CCRTA BEAR LANE OFFICE  
LOWER ROOF REPLACEMENT  
CORPUS CHRISTI, TEXAS



### KEY NOTES

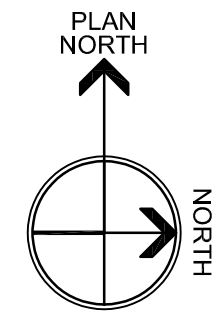
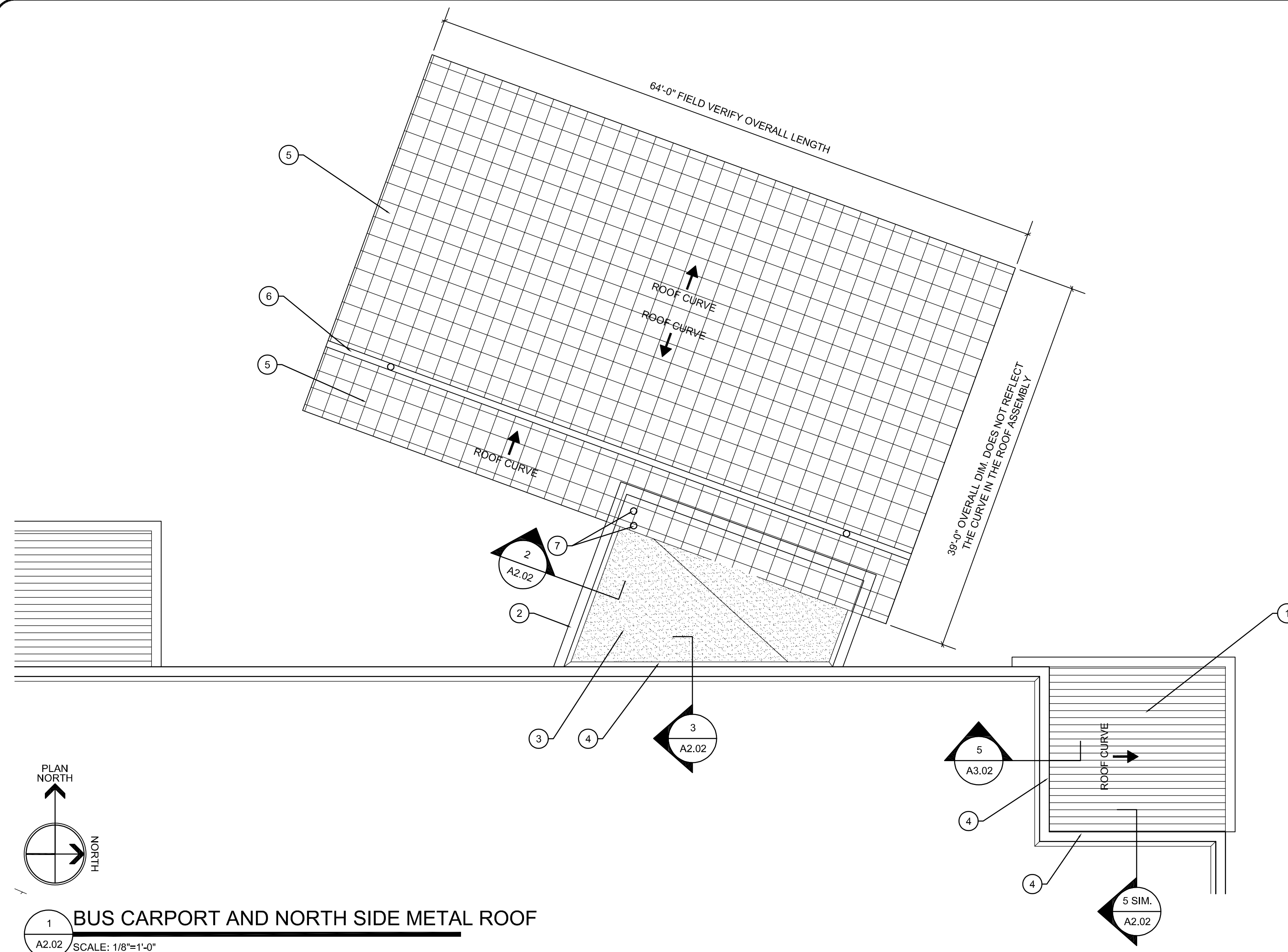
THIS SHEET ONLY

- 1 PROVIDE A NEW STANDING SEAM, METAL PANEL ROOFING ASSEMBLY AND EAVE TRIM
- 2 REMOVE AND REPLACE THE CONT. WOOD BLOCKING WITH TWO NEW LAYERS OF PRESSURE TREATED 2X BLOCKING TO FIT THE FULL WIDTH OF THE PARAPET; STAGGER THE BOARD JOINTS 6" MIN.; APPLY SELF-ADHERING WEATHERIZATION BARRIER TO THE FULL LENGTH OF THE BLOCKING; SEAL JOINT BETWEEN BRICK AND BLOCKING USING SILICON SEALANT AND BACKER ROD
- 3 PROVIDE AND INSTALL NEW T.P.O. ROOFING ASSEMBLY PER THE T.D.I. PRODUCT EVALUATION REPORT AND THE PRODUCT MANUFACTURER'S INSTRUCTIONS; RE: SPECIFICATIONS FOR DESIGN BASIS
- 4 PROVIDE NEW, PREFINISHED REGLET EQUIVALENT TO THE EXISTING
- 5 PROVIDE A NEW CURVED METAL PANEL ROOFING ASSEMBLY AND EAVE TRIM OVER THE BENT STEEL FRAME
- 6 PROVIDE NEW INTERNAL GUTTER CHANNEL; CONNECT TO EXISTING GUTTER DOWNSPOUTS
- 7 PROVIDE NEW RETROFIT ROOF DRAINS WITH NEW STRAINERS, THE SIZE OF THE RETROFIT DRAIN SHALL MATCH THE EXISTING DRAIN PIPE SIZING
- 8 PROVIDE NEW 4" CONT. CANT, FULLY ADHERE TO THE RIGID INSULATION LAYER
- 9 PROVIDE NEW RIGID, POLYISO INSULATION OVER THE EXISTING METAL DECK; WEIGHTED AVERAGE OF THE INSULATION FOR EACH SECTION MUST EQUAL R-25 PER THE 2015 IECC CODE  
STAGGER THE RIGID INSULATION JOINTS AS PER THE MANUFACTURER'S INSTRUCTIONS; BASE AND TOP LAYER FASTENED TO THE METAL DECK PER THE T.D.I. PRODUCT EVALUATION FOR THE ROOFING ASSEMBLY FOR ROOFING THE MEMBRANE
- 10 PROVIDE AND INSTALL NEW T.P.O. ROOFING ASSEMBLY PER THE T.D.I. PRODUCT EVALUATION REPORT AND THE PRODUCT MANUFACTURER'S INSTRUCTIONS; RE: SPECIFICATIONS FOR DESIGN BASIS
- 11 EXTEND CAP SHEET MEMBRANE UP THE VERT. SURFACE; TERMINATE UNDER THE COUNTER FLASHING TRIM
- 12 PROVIDE NEW, PREFINISHED, CONT. METAL PARAPET COPING WITH SNAP-ON ATTACHMENT ANCHORS, MATCH THE COLOR OF THE UPPER LEVEL ROOF
- 13 PROVIDE (3) NO. 10 X 3" STAINLESS STEEL SCREWS AT 12" O.C. FOR THE FULL LENGTH OF THE TOP PLATE TO THE SECOND PLATE
- 14 PROVIDE (2) - STRONG POINT STAINLESS STEEL NO.10-16 X 2" HWH SCREWS AT 6" O.C.; COUNTERSINK HEADS UNTIL FLUSH WITH THE TOP OF THE WOOD PLATE
- 15 EXISTING 6" METAL STUDS TO REMAIN; STUDS SHALL BE EVALUATED DURING REMOVAL OF THE EXISTING ROOFING ASSEMBLY

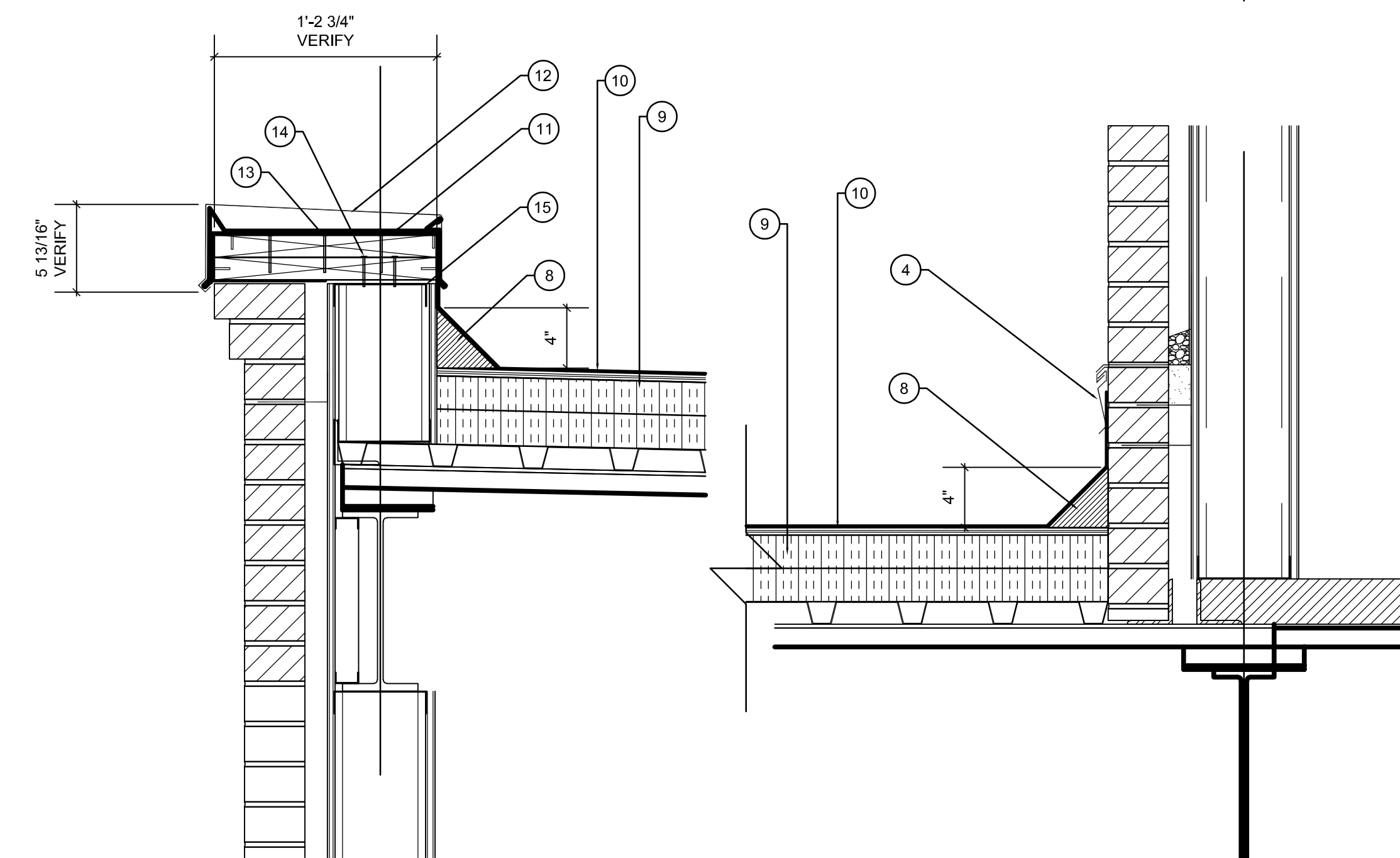
### GENERAL NOTES

PROJECT NOTES

1. IT IS THE INTENT OF THE ARCHITECT THAT THE DRAWINGS HEREIN SHALL BE CROSS-REFERENCED WITH THE DRAWINGS FROM OTHER DISCIPLINES PROVIDED IN THIS SET OF CONSTRUCTION DRAWINGS IN ORDER TO OBTAIN THE INFORMATION NECESSARY TO CONSTRUCT THIS PROJECT IN AN ORDERLY AND TIME EFFICIENT MANNER.
2. ALL DRAWINGS REPRESENT THE DESIGN INTENT FOR THE SCOPE OF THE PROJECT AND MAY NOT INCLUDE ALL NECESSARY WORK IN DETAIL FOR FULL EXECUTION OF THE PROJECT.
3. THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE GOVERNING BUILDING CODES, CURRENT O.S.H.A. SAFETY REGULATIONS, AND CURRENT MUNICIPAL ORDINANCES OF THE PROJECT'S LOCATION.
4. UNLESS NOTED OTHERWISE, ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (T.A.S.). REFER TO THE ACCESSIBILITY GENERAL NOTES SHEET IN THESE DRAWINGS FOR MORE INFORMATION.
5. REFER TO THE ARCHITECTURAL GENERAL NOTES FOR ADDITIONAL INFORMATION.



1 BUS CARPORT AND NORTH SIDE METAL ROOF  
A2.02 SCALE: 1/8"=1'-0"



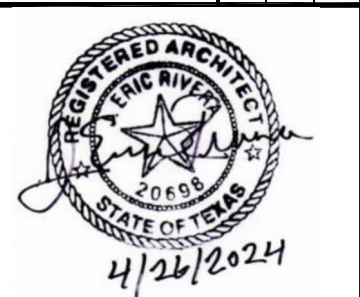
2 PARAPET CAP DETAIL  
A2.02 SCALE: 1 1/2"=1'-0"

3 FLASHING DETAIL  
A2.02 SCALE: 1 1/2"=1'-0"

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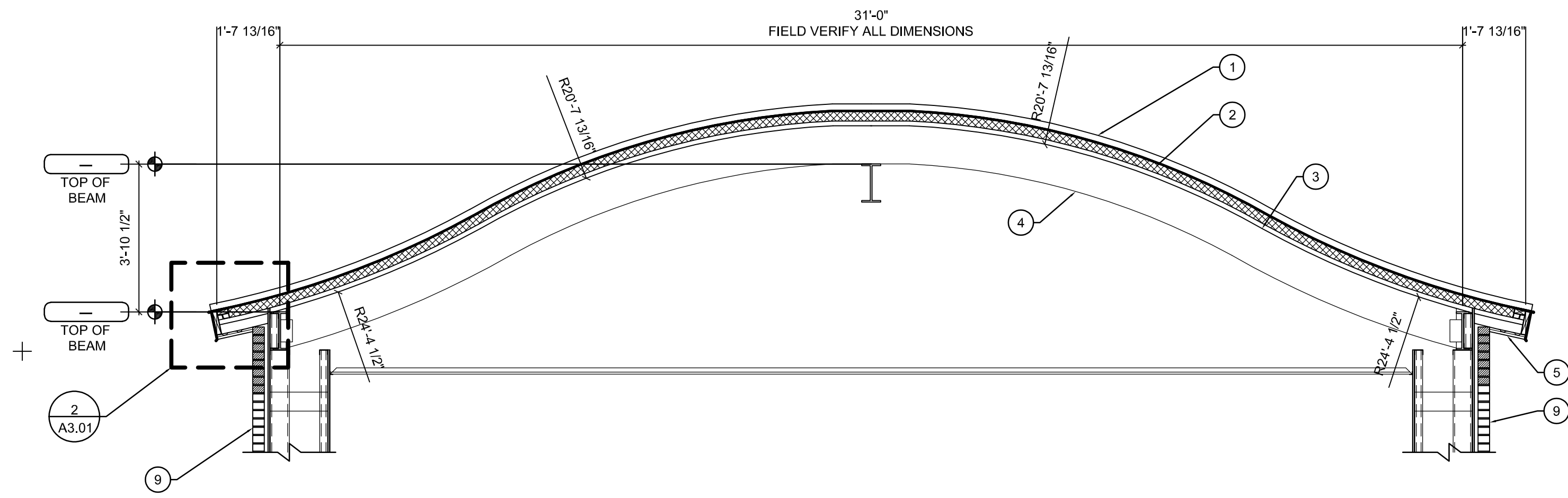
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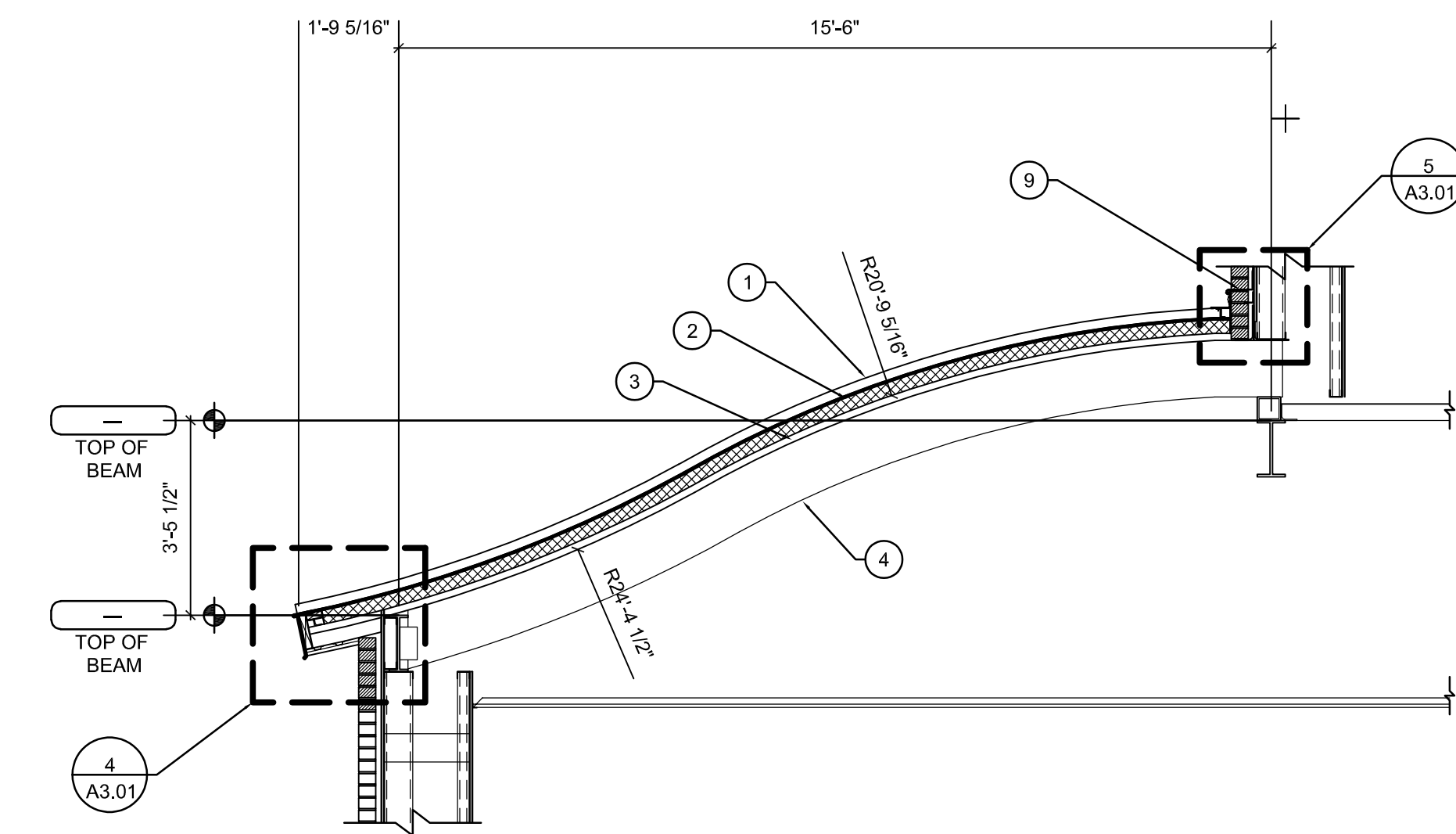
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NEW ROOF PLAN  
BUS CARPORT  
CCRTA BEAR LANE OFFICE  
LOWER ROOF REPLACEMENT  
CORPUS CHRISTI, TEXAS

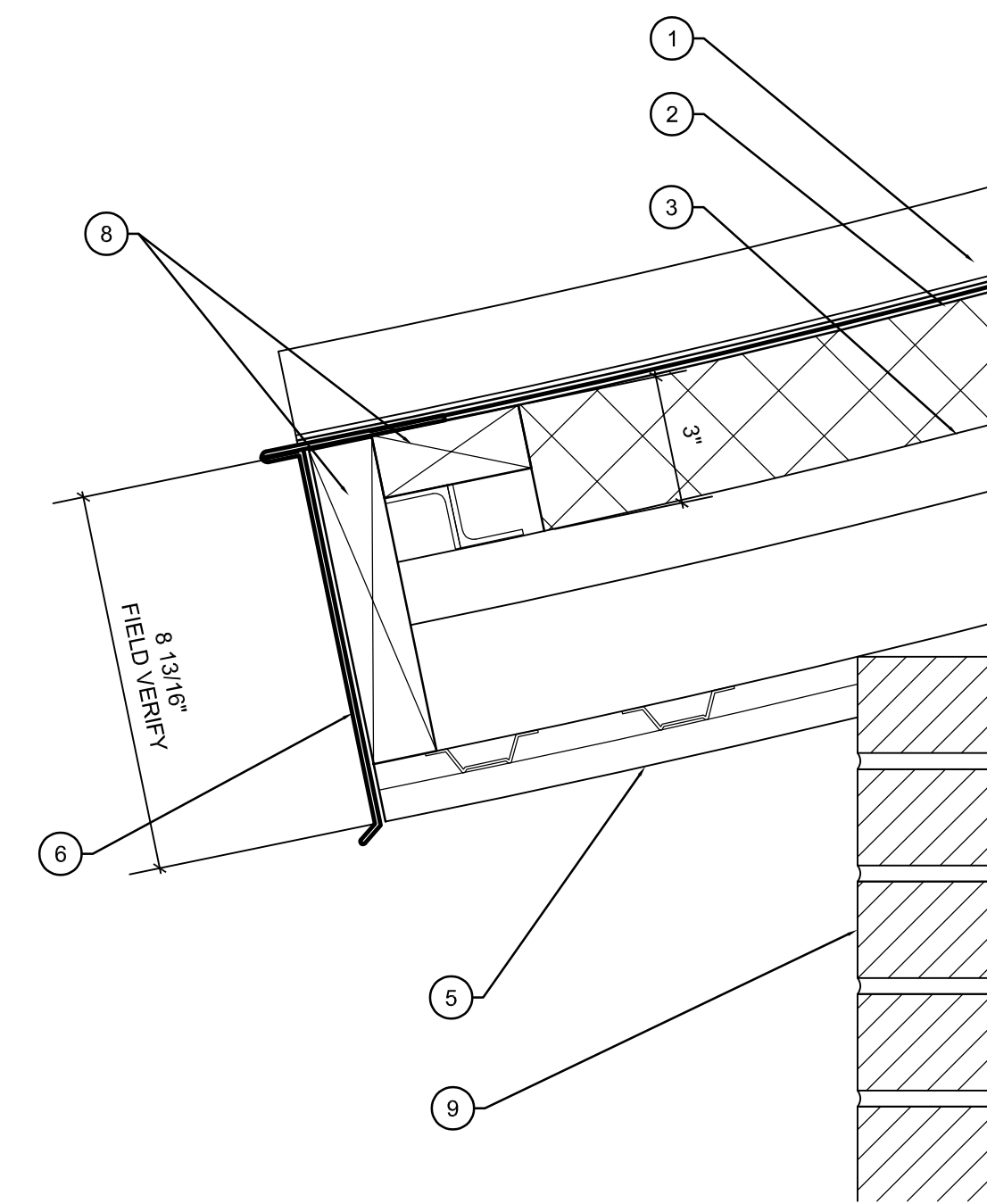




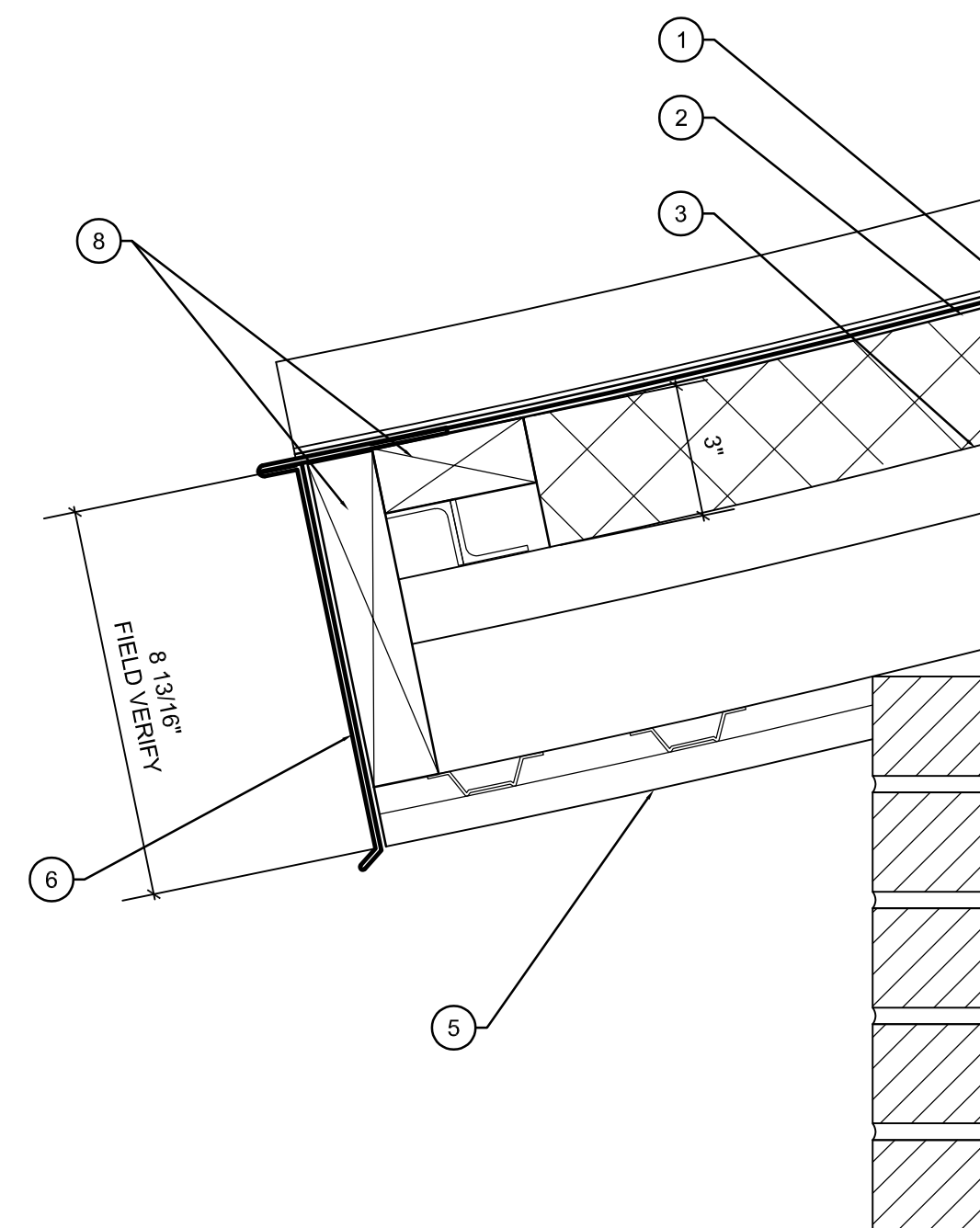
1 ROOF SECTION  
A3.01 SCALE: 3/8"=1'-0"



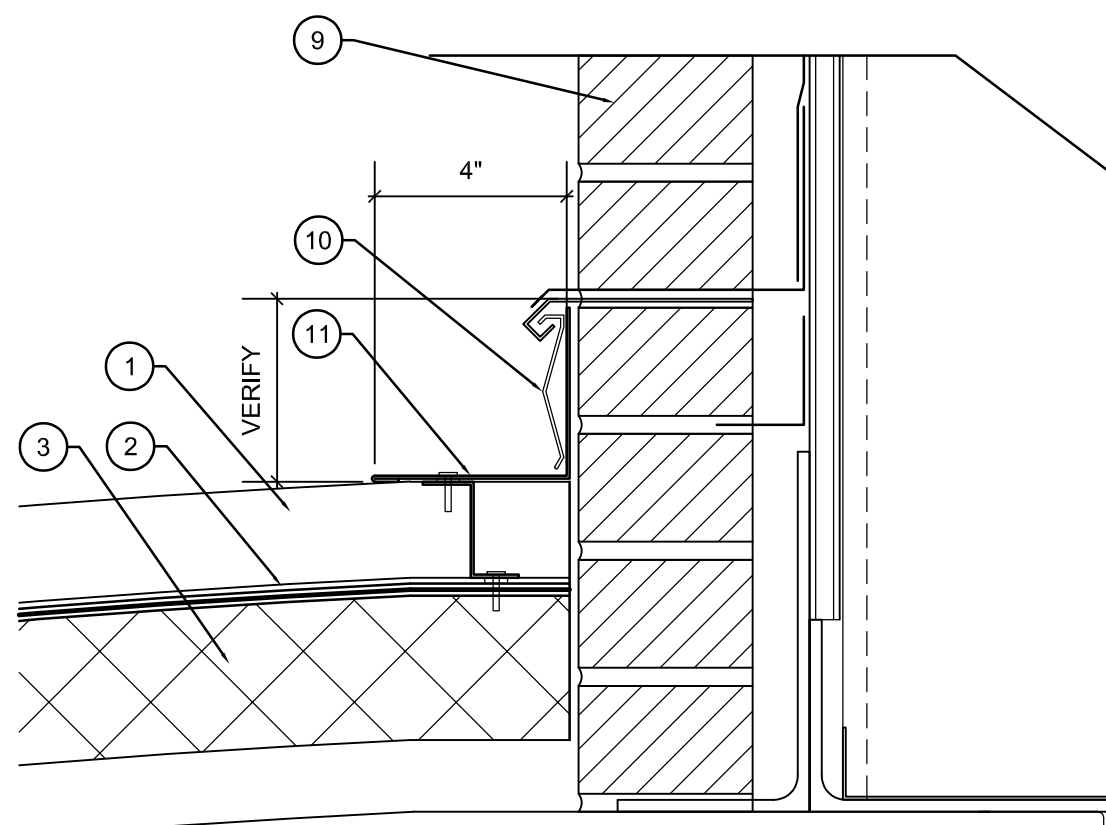
3 ROOF SECTION  
A3.01 SCALE: 3/8"=1'-0"



2 FASCIA DETAIL  
A3.01 SCALE: 3"=1'-0"



4 FASCIA DETAIL  
A3.01 SCALE: 3"=1'-0"



5 WALL TO ROOF DETAIL  
A3.01 SCALE: 3"=1'-0"

## GENERAL NOTES

### PROJECT NOTES

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- REFER TO THE ARCHITECTURAL GENERAL NOTES FOR ADDITIONAL INFORMATION.

## KEY NOTES

### THIS SHEET ONLY

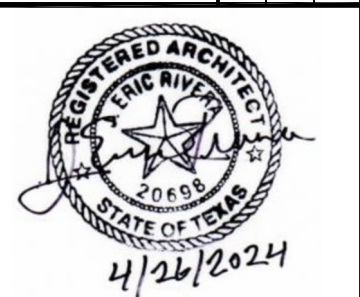
- PROVIDE A NEW CURVED, STANDING SEAM METAL ROOF ASSEMBLY. COLOR TO MATCH THE EXISTING.
- PROVIDE NEW RIGID INSULATION WITH A NEW, HIGH-TEMP, SELF ADHERING WEATHERIZATION UNDERLAYMENT ON TOP OF THE NEW INSULATION
- THE EXISTING METAL DECK IS TO REMAIN
- EXISTING BENT STEEL METAL STRUCTURE
- EXISTING SOFFIT TO REMAIN
- PROVIDE NEW STAINLESS STEEL FASCIA FLASHING. PROFILE TO MATCH THE EXISTING; OVERLAP ENDS A MINIMUM OF FOUR (4) INCHES
- NOT USED
- EXAMINE THE WOOD BLOCKING ONCE UNCOVERED. CONSULT WITH THE ARCHITECT AND ENGINEER BEFORE REMOVING. PROVIDE NEW WOOD BLOCKING AND FASCIA BOARD WHERE EXISTING IS ROTTEN OR DAMAGED. REPLACE THE DAMAGED/ROTTEN BOARD FOR THE FULL LENGTH OF THE BOARD WHERE REQUIRED.
- EXISTING BRICK AND/OR CMU BLOCK TO REMAIN
- PROVIDE NEW PREFINISHED METAL COUNTFLASHING FOR THE FULL LENGTH OF THE ROOF REPLACEMENT; FLASHING PROVIDED BY THE METAL ROOF PANEL MANUFACTURE
- PROVIDE NEW PREFINISHED FLASHING AND METAL ZEE - CLOSURE STRIPS BETWEEN THE STANDING SEAMS. INSTALL THE CLOSURE STRIPS PER THE ROOFING PANEL MANUFACTURER'S INSTRUCTIONS

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1					

CORPUS CHRISTI REGIONAL TRANSPORTATION AUTHORITY



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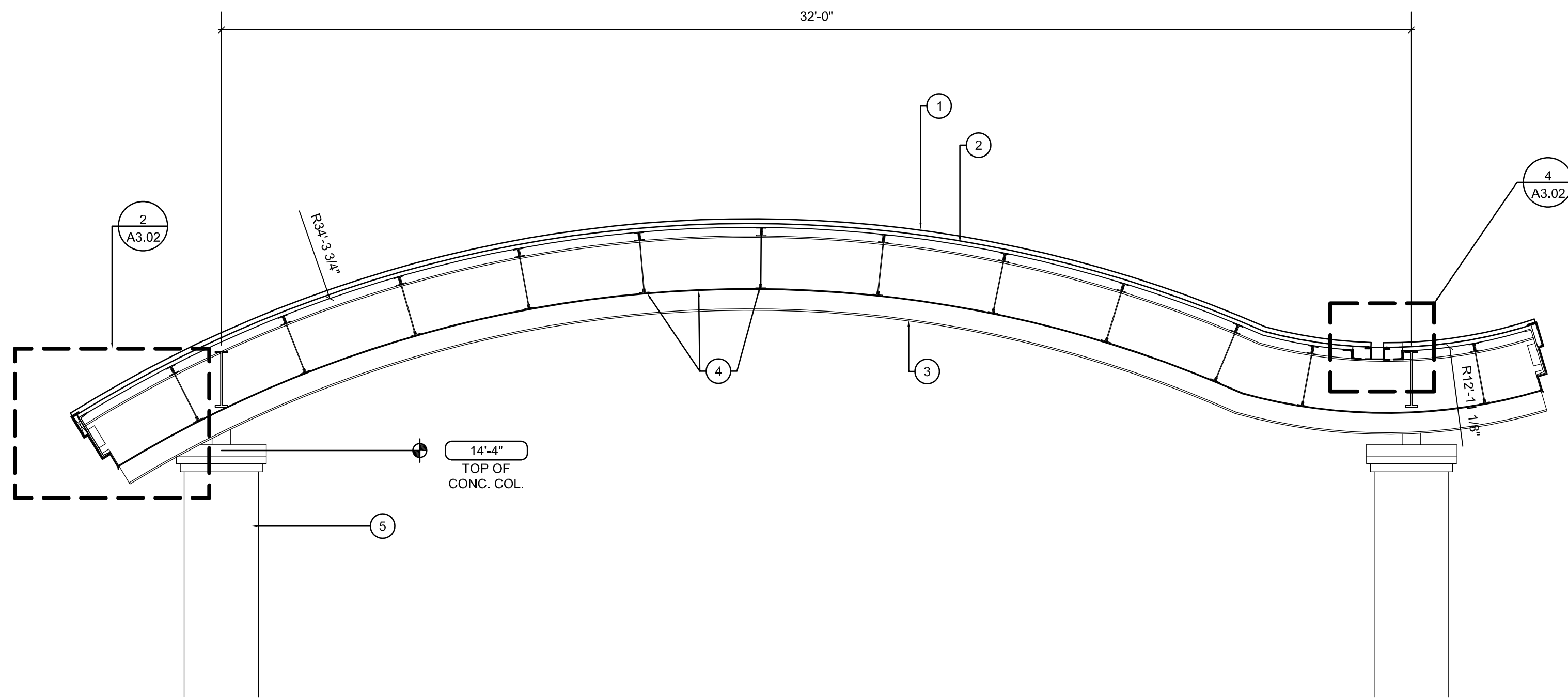
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SECTIONS AND DETAILS  
CCRTA BEAR LANE OFFICE  
LOWER ROOF REPLACEMENT  
CORPUS CHRISTI, TEXAS

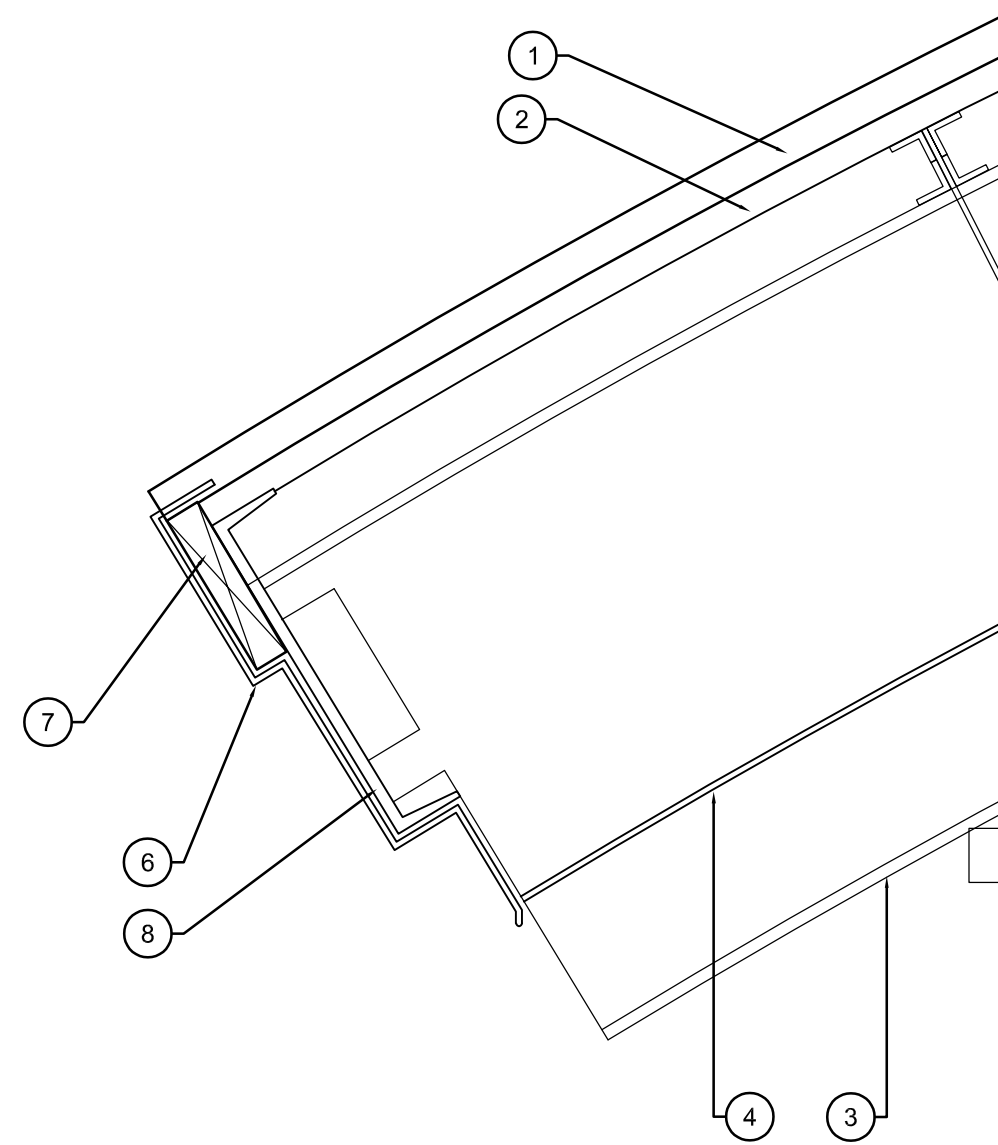


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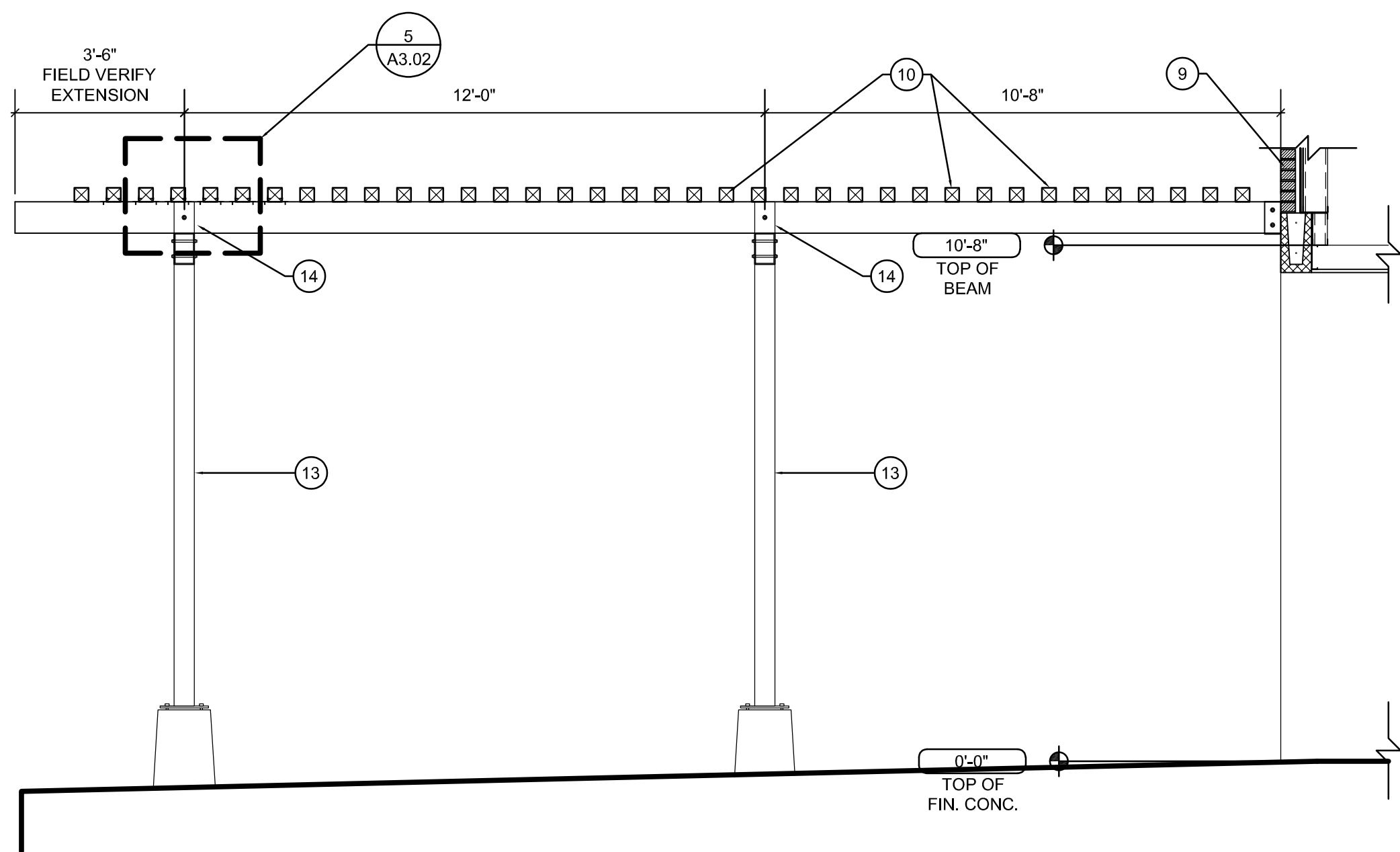




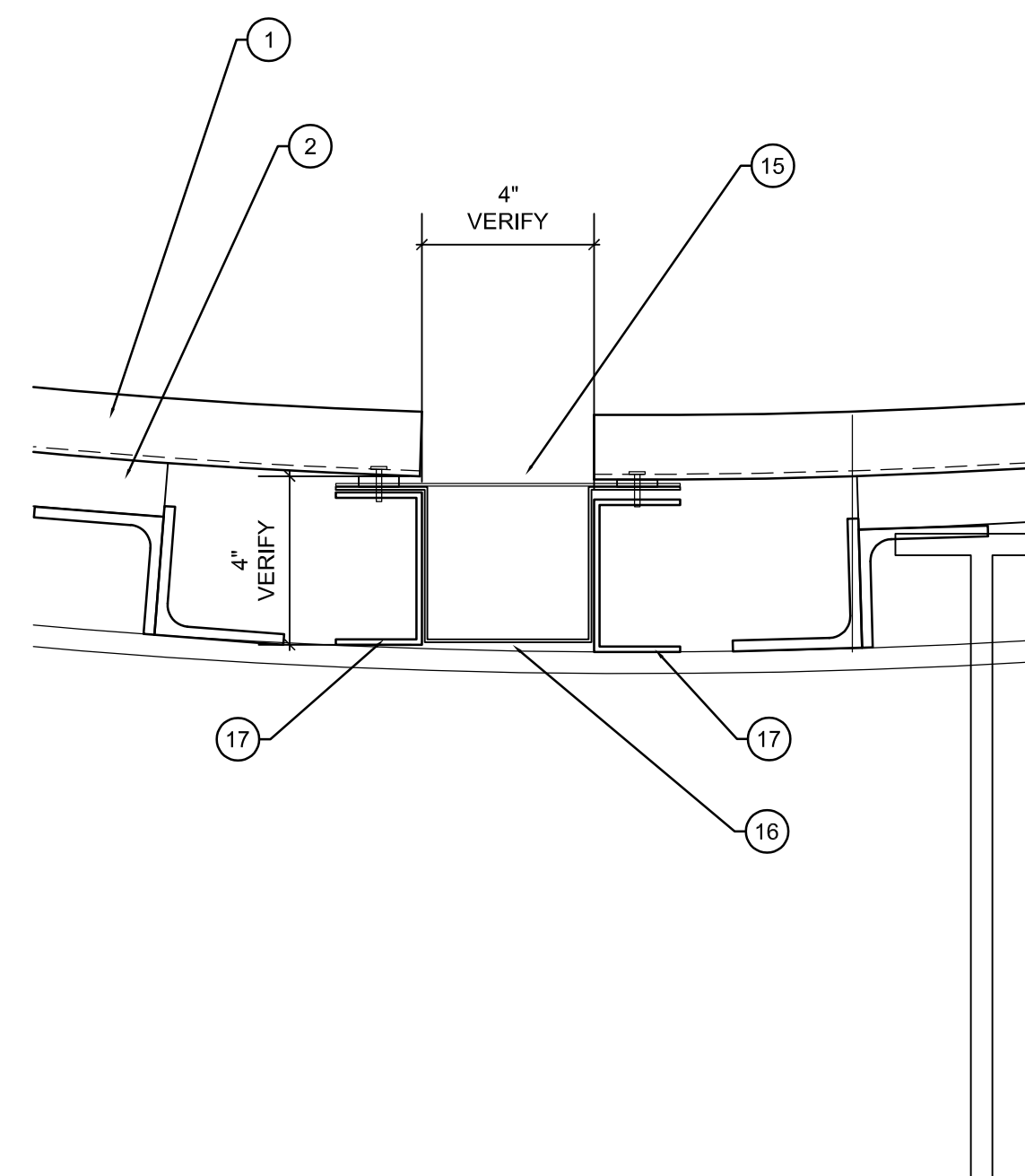
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A3.02 SCALE: 3/8"=1'-0"



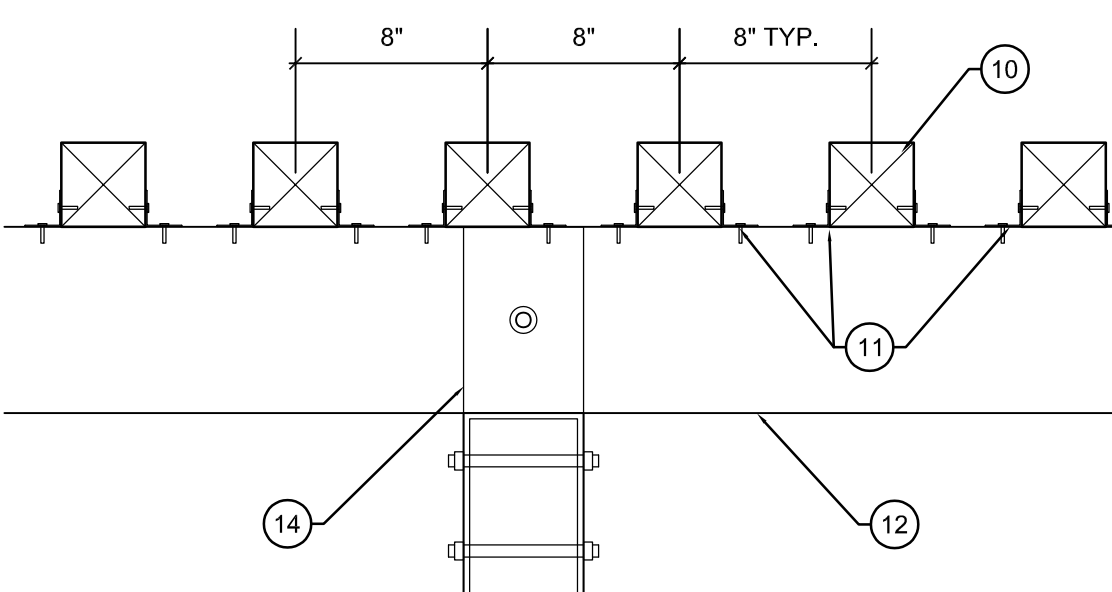
**2 BUS CARPORT DETAIL**  
A3.02 SCALE: 1 1/2"=1'-0"



**3 WOOD TRELLIS ROOF SECTION**  
A3.02 SCALE: 3/8"=1'-0"



**4 BUS CARPORT GUTTER DETAIL**  
A3.02 SCALE: 3"=1'-0"



**5 WOOD TRELLIS ROOF SECTION**  
A3.02 SCALE: 3/8"=1'-0"

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**KEY NOTES**

**THIS SHEET ONLY**

- PROVIDE A NEW CURVED, STANDING SEAM METAL ROOF ASSEMBLY. COLOR TO MATCH THE EXISTING.
- THE EXISTING METAL DECK IS TO REMAIN
- EXISTING BENT STEEL METAL STRUCTURE
- EXISTING BAR JOISTS AND SOFFIT PANELS TO REMAIN
- EXISTING STRUCTURE, N.I.C.
- PROVIDE NEW PREFINISHED METAL FASCIA FLASHING, PROFILE TO MATCH THE EXISTING; OVERLAP ENDS A MINIMUM OF FOUR (4) INCHES
- EXAMINE THE WOOD FASCIA BLOCKING ONCE UNCOVERED. CONSULT WITH THE ARCHITECT AND ENGINEER BEFORE REMOVING. PROVIDE NEW, TREATED 2X8 WOOD FASCIA BOARD WHERE EXISTING IS ROTTEN OR DAMAGED. REPLACE THE DAMAGED/ROTTEN BOARD FOR THE FULL LENGTH OF THE BOARD WHERE REQUIRED.
- EXISTING STEEL CHANNEL TO REMAIN
- EXISTING BRICK AND/OR CMU BLOCK TO REMAIN
- PROVIDE NEW PRESSURE TREATED 4X4 WOOD BEAMS; SPACING TO MATCH THE EXISTING; DIMENSIONS IN THE DETAIL ARE APPROXIMATE
- PROVIDE NEW SIMPSON STRONG-TIE A34 (STAINLESS STEEL) FRAMING ANGLE WITH (8) #9 X 1-1/2" SD SCREWS (STAINLESS STEEL), TWO ANGLES AT EACH END OF EACH BEAM TO ANCHOR TO MAIN WOOD BEAMS
- EXISTING WOOD BEAMS TO REMAIN
- EXISTING STEEL TUBE COLUMNS AND BRACKETS TO REMAIN
- EXISTING STEEL SUPPORT BRACKETS TO REMAIN
- REPLACE GALV. CROSS STRAPS WITH STRAP OF SIM. THICKNESS, WIDTH, AND LENGTH
- REPLACE EXISTING PREFINISHED METAL GUTTER; SET OVERLAPS IN ROOFING CEMENT AND SEAL OVERLAPS ON THE INTERNAL SIDE OF THE GUTTER
- EXISTING SUPPORT MEMBERS FOR THE INTERNAL GUTTER SYSTEM TO REMAIN; EXAMINE THE MEMBERS BEFORE INSTALLING THE NEW GUTTER; NOTIFY THE ARCHITECT OR ENGINEER IF THE MEMBERS NEED REPLACING, REPLACE FULL LENGTH MEMBERS IF NECESSARY

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Filename 1"=XX'	Scale 4/9/2024	Date 4/9/2024	DRAWN JER	4/9/2024
			REVIEWED JER	4/9/2024

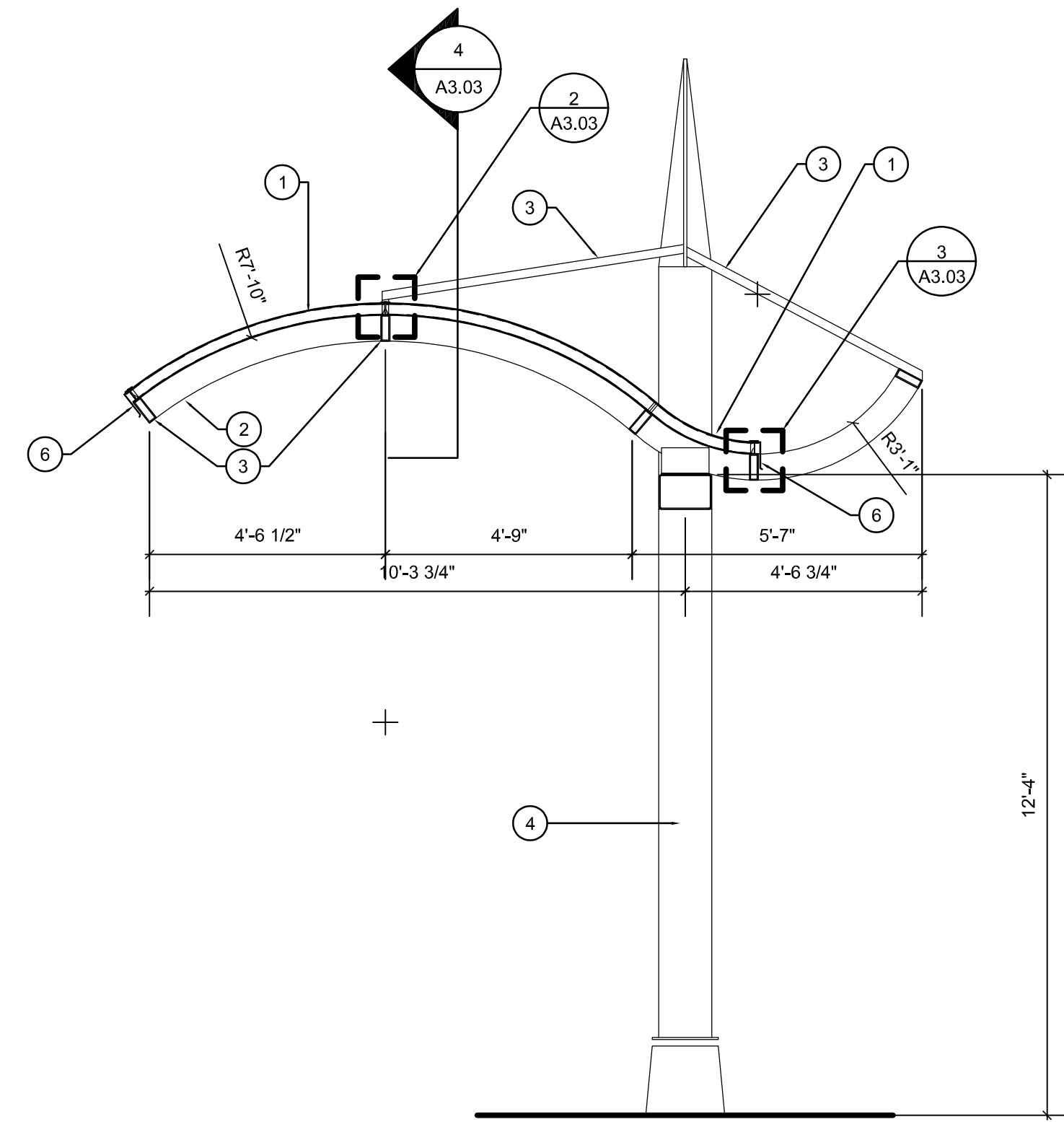


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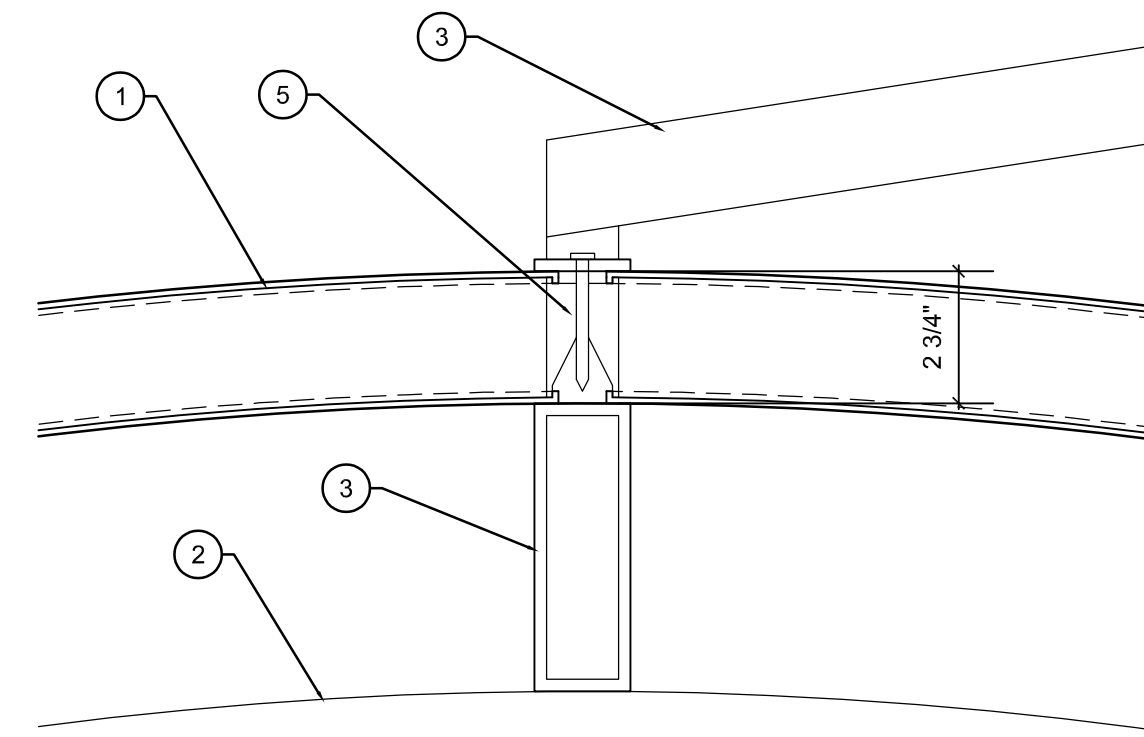
**CARPENT AND TRELLIS SECTIONS AND**  
CCRTA BEAR LANE OFFICE  
LOWER ROOF REPLACEMENT  
CORPUS CHRISTI, TEXAS



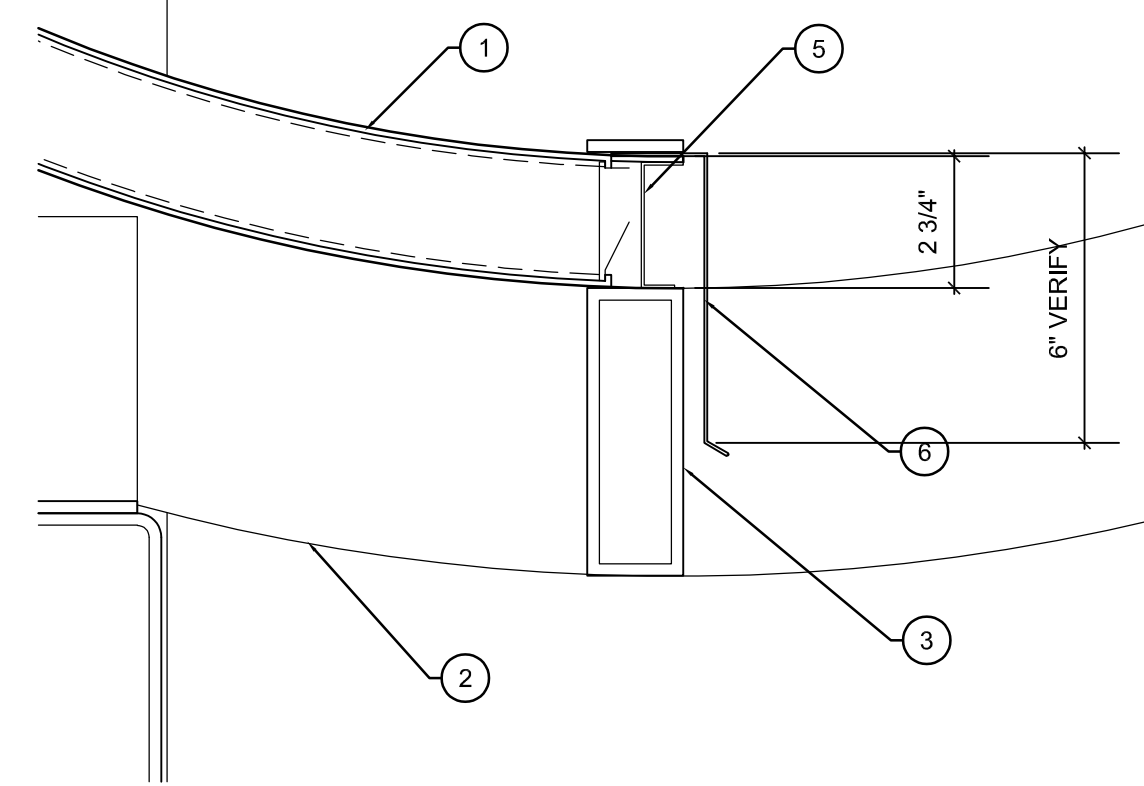
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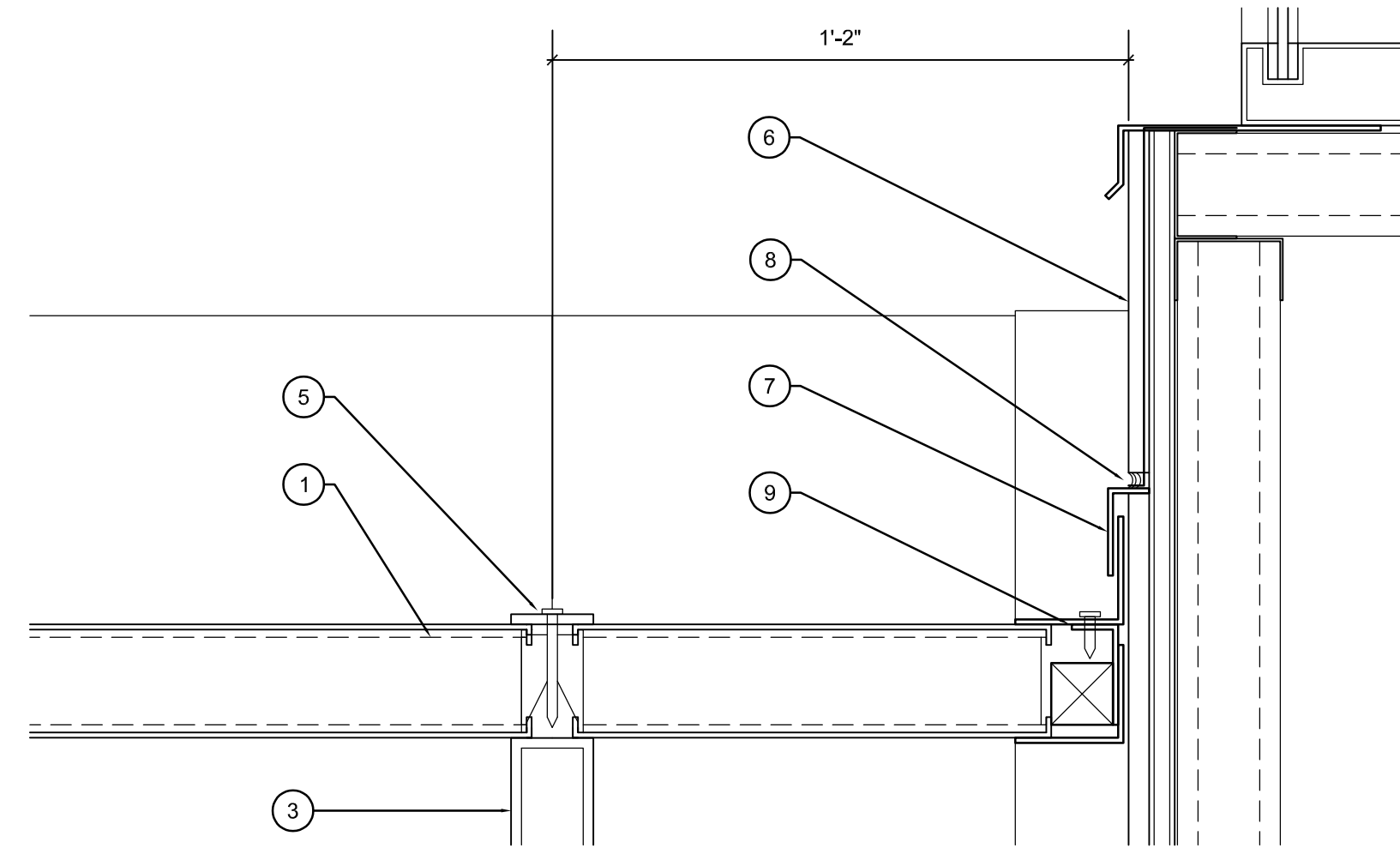
1 ENTRY CANOPY SECTION  
A3.03 SCALE: 3/8"=1'-0"



2 CANOPY DETAIL  
A3.03 SCALE: 3"=1'-0"



3 CANOPY DETAIL  
A3.03 SCALE: 3"=1'-0"



4 CANOPY TO EXT. WALL DETAIL  
A3.03 1 1/2"=1'-0"

**GENERAL NOTES**

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  - REFER TO THE ARCHITECTURAL GENERAL NOTES FOR ADDITIONAL INFORMATION.

**KEY NOTES**

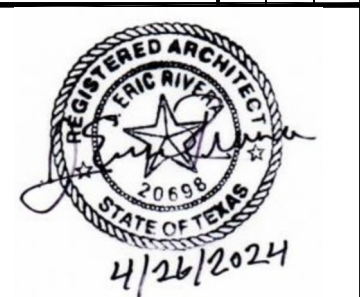
- THIS SHEET ONLY
- PROVIDE NEW TRANSLUCENT, INSULATED FIBERGLASS PANELS, CURVED TO MATCH THE EXISTING PROFILES
  - EXISTING BENT STEEL METAL STRUCTURE TO REMAIN
  - EXISTING STEEL SUPPORT MEMBERS TO REMAIN
  - EXISTING STEEL COLUMN TO REMAIN
  - PROVIDE AND INSTALL FASTENER AND ANCHOR SYSTEM PER THE MANUFACTURER'S INSTRUCTIONS
  - PROVIDE NEW METAL FASCIA FLASHING; MATCH EXISTING PROFILE, FINISH, AND GAUGE
  - EXISTING PAINTED ALUM PANELS TO REMAIN
  - PROVIDE PAINTED ALUMINUM FLASHING FOR NEW TRANSLUCENT PANEL SYSTEM; COLOR AND THICKNESS TO MATCH THE EXISTING AS CLOSE AS POSSIBLE
  - PROVIDE NEW CONT. SEALANT AT THE FLASHING JOINT FOR FULL LENGTH OF FLASHING PROFILE
  - PANEL TO WALL CONNECTION/FLASHING TO BE PROVIDED BY THE TRANSLUCENT PANEL MANUFACTURER, AND COMPLY WITH WINDSTORM REQUIREMENTS; ALL PREVIOUS ANCHOR HOLES IN THE WALL ARE TO BE FILLED TO PREVENT WATER INFILTRATING THE WALL CAVITY

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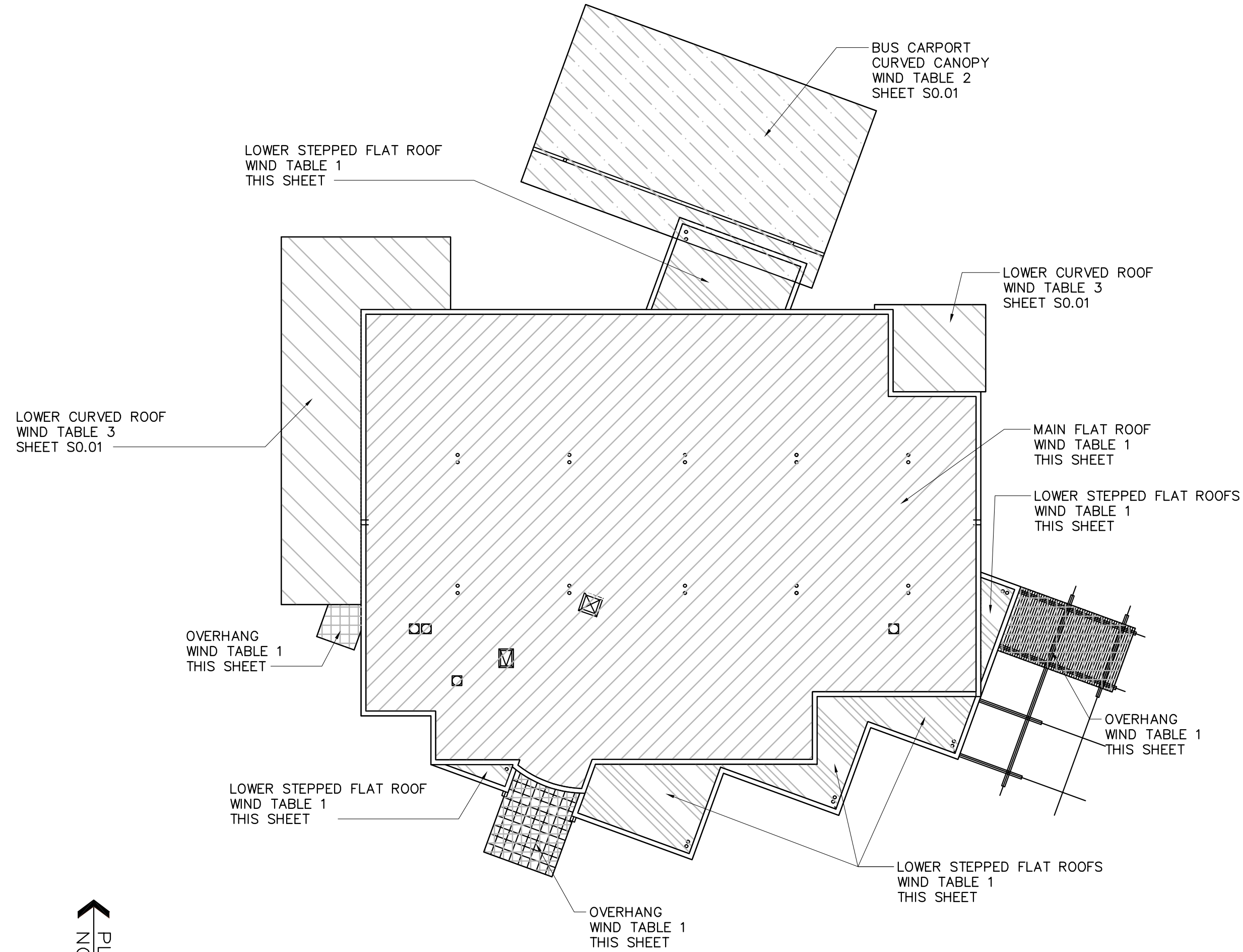
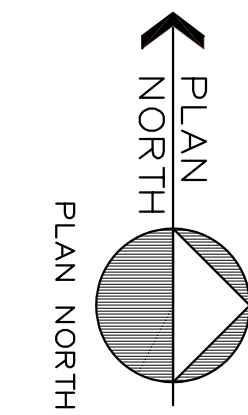
Hanson No. 1"=XX'	AS NOTED	4/9/2024	JER	4/9/2024	JER	4/9/2024
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			DRAWN	JER	JER	JER
			REVIEWED	JER	JER	JER



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CANOPY SECTIONS AND DETAILS  
 CCRTA BEAR LANE OFFICE  
 LOWER ROOF REPLACEMENT  
 CORPUS CHRISTI, TEXAS





1 BEAR LANE  
 ROOF PLAN  
 SCALE: 3/4" = 1'-0"

TEXAS DEPARTMENT OF INSURANCE WINDSTORM CERTIFICATION

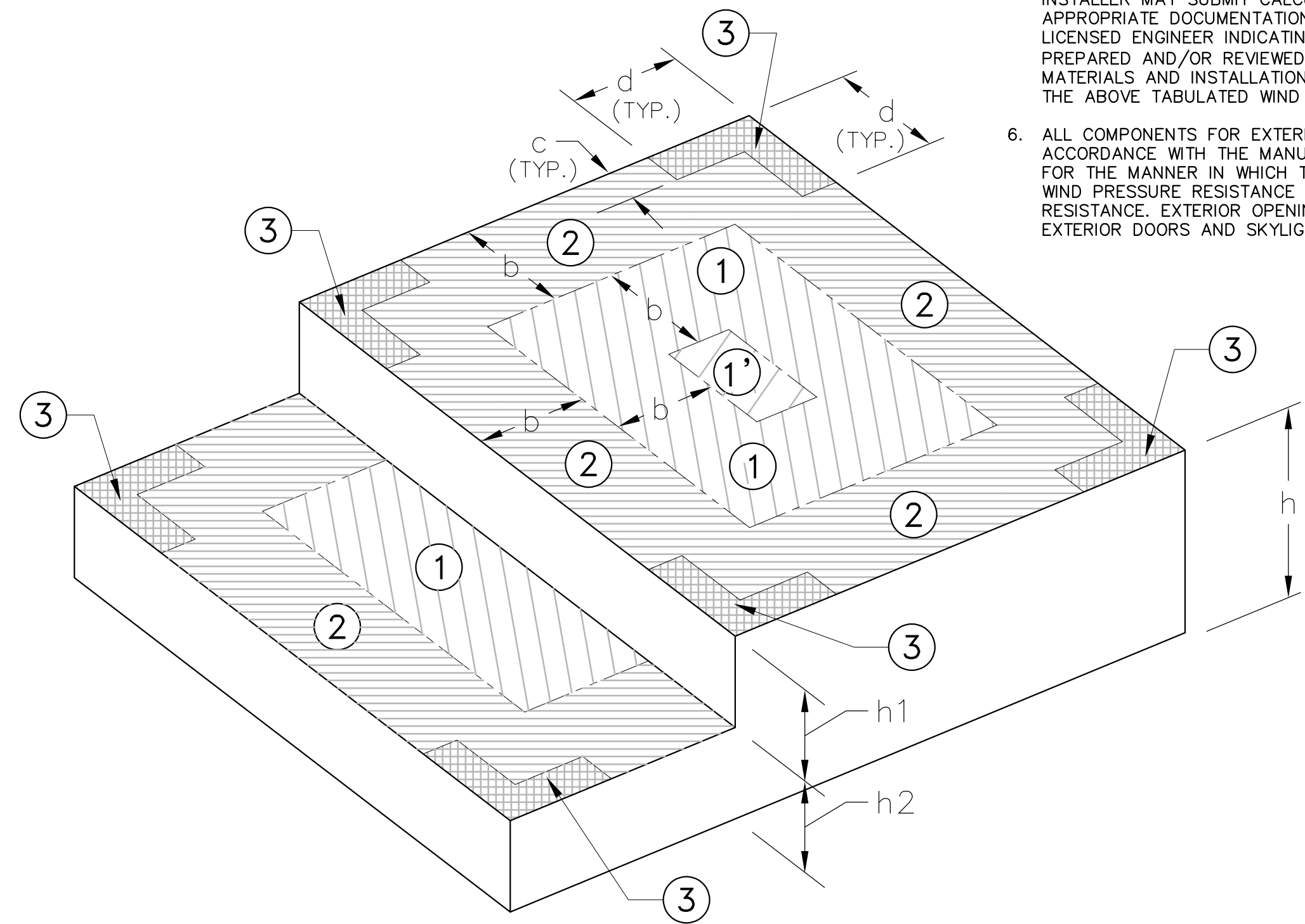
- 1 THIS PROJECT IS LOCATED IN THE TEXAS DEPARTMENT OF INSURANCE (TDI) WINDSTORM CATASTROPHE AREA. ALL BUILDING COMPONENTS AND INSTALLATIONS SHALL CONFORM TO THE IBC 2018 BUILDING CODE.
- 2 ALL EXTERIOR BUILDING MATERIALS, COMPONENTS & CLADDING SHALL BE DESIGNED FOR POSITIVE AND NEGATIVE WIND PRESSURES TABULATED BELOW. SUPPLIERS SHALL FURNISH MANUFACTURER'S DOCUMENTATION THAT ALL EXTERIOR BUILDING MATERIALS, COMPONENTS & CLADDING MEET THE ABOVE DESIGN WIND LOADS.
- 3 PRIOR TO PURCHASING OR INSTALLING ANY ITEMS, THE GENERAL CONTRACTOR SHALL VERIFY THAT ALL EXTERIOR BUILDING COMPONENTS, INCLUDING BUT NOT LIMITED TO, ROOF COVERINGS, ETC., ARE ON THE LIST OF TDI APPROVED BUILDING PRODUCTS. ANY SPECIFIED ITEMS THAT ARE NOT ON THE TDI LIST OF APPROVED BUILDING PRODUCTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY. A CURRENT LIST OF TDI APPROVED BUILDING PRODUCTS CAN BE FOUND ON THE TDI WEBSITE.
- 4 THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH THE WINDSTORM INSPECTORS AND FOR PROVIDING TIMELY NOTICE TO THE WINDSTORM INSPECTORS SO THAT COMPLIANCE WITH THE TDI WINDSTORM REQUIREMENTS CAN BE VERIFIED.
- 5 SUBSEQUENT CONSTRUCTION THAT COVERS UP ITEMS THAT REQUIRE TDI WINDSTORM INSPECTION SHALL BE REMOVED BY THE GENERAL CONTRACTOR AND REINSTALLED AFTER THE WINDSTORM INSPECTIONS HAVE BEEN CONDUCTED AT NO ADDITIONAL COST. MATERIALS THAT ARE DAMAGED DURING REMOVAL SHALL BE REPLACED WITH NEW MATERIALS SATISFACTORY TO THE OWNER AT NO ADDITIONAL COST.
- 6 REVIEW SUBMITTALS OF EXTERIOR COMPONENTS AND CLADDING SHALL HAVE THE APPROPRIATE TDI PRODUCT EVALUATION NUMBER INDICATED ON THE SUBMITTAL.
- 7 UPON COMPLETION OF THE PROJECT, THE GENERAL CONTRACTOR SHALL FURNISH WRITTEN CONFIRMATION THAT INSTALLATION AND MATERIALS USED FOR EXTERIOR COMPONENTS AND CLADDING ARE IN CONFORMANCE WITH THE TDI WINDSTORM REQUIREMENTS.

**WIND TABLE 1  
 ULTIMATE DESIGN WIND LOADS  
 FOR EXTERIOR BUILDING MATERIALS,  
 COMPONENTS AND CLADDING (PSF)**

WIND ZONE	EFFECTIVE WIND AREA ≤ 10 SQ. FT.		EFFECTIVE WIND AREA > 100 SQ. FT.	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
ROOF 1'	+21	-46	+17	-46
ROOF 1	+21	-80	+17	-63
ROOF 2	+21	-105	+17	-83
ROOF 3	+21	-143	+17	-99
OVERHANG 1'	NA	-80	NA	-75
OVERHANG 1	NA	-80	NA	-75
OVERHANG 2	NA	-105	NA	-75
OVERHANG 3	NA	-143	NA	-91

WIND CHART NOTES:

1. ALL EXTERIOR BUILDING MATERIALS, COMPONENTS & CLADDING SHALL BE DESIGNED FOR POSITIVE AND NEGATIVE WIND PRESSURES TABULATED ABOVE. SUPPLIERS SHALL FURNISH MANUFACTURER'S DOCUMENTATION THAT ALL EXTERIOR BUILDING MATERIALS, COMPONENTS & CLADDING MEET THE ABOVE DESIGN WIND LOADS.
2. WIND LOADS: WIND LOADS TO BE APPLIED IN ACCORDANCE WITH ASCE 7-16, FIGURES 30.3-2A & 30.3-3. WIND PRESSURES CALCULATED BASED ON 142 MPH (3-SECOND GUST) ULTIMATE WIND SPEED, EXPOSURE C, RISK CATEGORY II AND A MEAN ROOF HEIGHT LESS THAN 28'-0", FOR THIS BUILDING.
- 2.3. DIMENSION "b" IN THIS CHART (ALSO DIMENSION "b" IN FIGURE 30.3-3) IS 22'-2".
- 2.5. DIMENSION "c" IN THIS CHART (ALSO DIMENSION 0.2h IN FIGURE 30.3-2A) IS 5'-8".
- 2.6. DIMENSION "d" IN THIS CHART (ALSO DIMENSION 0.6h IN FIGURE 30.3-2A) IS 16'-10".
3. LINEAR INTERPOLATION BETWEEN VALUES OF TRIBUTARY AREA IS PERMITTED.
4. FOR FASTENERS, THE EFFECTIVE WIND AREA SHALL NOT BE GREATER THAN THE AREA THAT IS TRIBUTARY TO AN INDIVIDUAL FASTENER.
5. ALL PROPRIETARY EXTERIOR BUILDING MATERIALS, COMPONENTS & CLADDING MUST BE TESTED AND INSTALLED TO WITHSTAND THE SPECIFIED WIND PRESSURES. ALL SUCH PRODUCTS MUST BE EVALUATED BY THE TEXAS DEPARTMENT OF INSURANCE (TDI) AND THE INFORMATION PUBLISHED IN THE FORM OF A PRODUCT EVALUATION IN ORDER FOR THE INSTALLATION TO BE INSPECTED BY A TDI WINDSTORM FIELD INSPECTOR. IN LIEU OF A PUBLISHED PRODUCT EVALUATION, THE MANUFACTURER, SUPPLIER AND/OR INSTALLER MAY SUBMIT CALCULATIONS, REPORTS OR OTHER APPROPRIATE DOCUMENTATION BEARING THE SEAL OF A TEXAS LICENSED ENGINEER INDICATING THAT THE INFORMATION WAS PREPARED AND/OR REVIEWED BY THE ENGINEER AND THAT THE MATERIALS AND INSTALLATION PROCEDURE IS IN COMPLIANCE WITH THE ABOVE TABULATED WIND LOADS.
6. ALL COMPONENTS FOR EXTERIOR OPENINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE MANNER IN WHICH THEY WERE TESTED FOR UNIFORM STATIC WIND PRESSURE RESISTANCE AND FOR WINDBORNE DEBRIS RESISTANCE. EXTERIOR OPENINGS SHALL INCLUDE EXTERIOR WINDOWS, EXTERIOR DOORS AND SKYLIGHTS.



2 WIND TABLE 1  
 MAIN BUILDING  
 DIAGRAM  
 SCALE: N.T.S.

REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED

Hanson No. 19L0017C-1106\_S0.00.DWG  
 File Name AS SHOWN  
 Scale 04/26/24  
 Date 04/26/24

LAYOUT RP 04/26/24  
 DRAWN RP 04/26/24  
 REVIEWED RP 04/26/24

CORPUS CHRISTI REGIONAL  
 TRANSPORTATION AUTHORITY

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WIND CHART  
 CCRTA BEAR LANE OFFICE  
 LOWER ROOF REPLACEMENT  
 CORPUS CHRISTI, TEXAS



