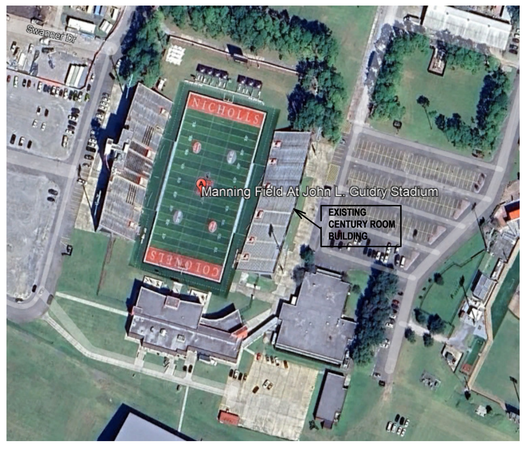
CENTURY CLUB ROOM ROOF REPLACEMENT

FOR NICHOLLS STATE UNIVERSITY
THIBODAUX, LOUISIANA 70301

Nicholls State University

ABBREVIATIONS

AFF.	ABOVE FINISHED FLOOR
AL	ACCESSIBLE LAVATORY
APP.	APPROXIMATE
AU	ACCESSIBLE URINAL
AWC	ACCESSIBLE WATER CLOSET
BLDG.	BUILDING
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CJ	CONTROL JOINT
CONC.	CONCRETE
CONT.	CONTINUOUS
C.R.	CURTAIN AND CURTAIN ROD
DIA.	DIAMETER
EHD.	ELECTRICAL HAND DRYER
EJ	EXPANSION JOINT
EL.	ELEVATION
EP	ELECTRICAL PANEL
EWC	ELECTRIC WATER COOLER
EXP.	EXPOSED
FE	FIRE EXTINGUISHER
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
FW	FIRE WALL
GA.	GAUGE
GALV.	GALVANIZED
GB	GRAB BAR
GB1	36"GRAB BAR
GB2	42"GRAB BAR
GYP BD.	GYPSUM WALL BOARD
HR	HANDICAPPED RAMP
L	LAVATORY
M-1	FLOAT GLASS MIRROR
M-2	FRAMED MIRROR
MECH	MECHANICAL
ME	MATCH EXISTING
NIC	NOT IN CONTRACT
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OPP.	OPPOSITE
OTS.	OPEN TO STRUCTURE
PNT	PAINTED
PT	PRESSURE TREATED
PTD	PAPER TOWEL DISPENSER
RH	ROBE HOOK
RE:	REFERENCE
S	SINK
SD	SOAP DISPENSER
S.F.	SQUARE FOOT
SH	SHOWER
SPECS.	SPECIFICATIONS
SR	SHOWER ROD, CURTAIN AND HOOKS
STL.	STEEL
STRUCT.	STRUCTURAL
SW	SMOKE WALL
WC	WATER CLOSET
TB	TOWEL BAR
T.F.	TRANSPARENT FINISH
THK	THICK
T.O.S.	TOP OF STEEL
TPH	TOILET PAPER HOLDER
TW	FIRE TREATED WOOD
TYP.	TYPICAL
U	URINAL
VOJ	VERIFY ON JOB
WC	WATER CLOSET



VICINITY MAP

N

PROJECT SCOPE

The project generally consists of reroofing the Century Room Building at Nicholls Football Stadium for Nicholls State University, as identified on the drawings.Work includes removal and disposal of the existing built-up roofing system down to the existing lightweight concrete substrate over the metal deck. The existing lightweight concrete substrate and metal deck are to remain.The project also includes installation of a new insulated roofing system, associated flashings, sheet metal, roof accessories, and related exterior repairs as indicated in the Contract Documents.

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GENERAL NOTES

1 - The contractor is required to visit the project site during the bidding period to gain a thorough understanding of all aspects of the work. Failure to inspect the site or fully review the drawings and specifications before submitting a bid will not exempt the contractor from fulfilling the requirements outlined in the contract documents. Requests for additional time or expenses will not be considered for work that could have been identified or anticipated prior to bid submission. It is strongly recommended that bidders take photographs during the pre-bid conference.

2 - The contractor shall take appropriate precautions to verify all conditions and the layout of the work, promptly notifying the architect of any discrepancies. The contractor will be held responsible for any errors arising from a failure to exercise such precautions, and these errors will not be considered grounds for additional compensation. If the contractor identifies discrepancies or omissions in the contract documents, or if there is any uncertainty regarding their meaning, the contractor must contact the architect immediately for clarification. All conditions must be verified on-site. (typ.)

3 - The general contractor is responsible for ensuring high-quality workmanship and maintaining a superior standard of quality throughout the project. The contractor shall complete all work as specified in the contract documents. Additionally, the contractor and all subcontractors must thoroughly familiarize themselves with all project requirements. (typ.)

4 - The contractor shall review and verify all drawings, specifications, conditions, and dimensions at the job site. Any discrepancies between the contract documents and field conditions must be reported to the architect prior to commencing work. The contractor will be held responsible for any errors resulting from a failure to take such precautions, and these errors will not serve as grounds for additional compensation. If the contractor identifies discrepancies or omissions in the contract documents, or if there is any uncertainty about their meaning, the contractor must immediately contact the architect for an interpretation. (typ.)

5 - The contractor is solely responsible for securing and protecting the physical plant, stored materials, equipment, and the safety of individuals in the work area. The site and its contents shall remain under the general contractor's responsibility and must be maintained in a secure and safe condition, in compliance with all applicable safety regulations and codes. Additionally, the general contractor must ensure that all existing means of egress and fire protection features are maintained at all times throughout the construction process. (typ.)

6 - The general contractor is responsible for obtaining and covering the costs of all necessary fees, permits, and inspections required to fully execute the scope of work outlined in the contract documents. This includes ensuring compliance with all local, state, and federal regulations, as well as coordinating with the relevant authorities to secure approvals in a timely manner. The contractor must verify that all permits and inspections are completed and documented to avoid delays or violations during the construction process.

7 - The general contractor shall comply with all applicable local, state, and national codes, regulations, and ordinances that are in effect at the time the work is performed. It is the contractor's responsibility to stay informed about the latest requirements and ensure that all construction activities, materials, and methods adhere to these standards. Any failure to conform to these codes or ordinances will be the sole responsibility of the contractor and must be promptly addressed to ensure the project remains in full regulatory compliance.

8 - The general contractor shall collaborate with the owner to determine the appropriate sequencing and scheduling for performing the work. A detailed proposed construction schedule shall be developed by the contractor and submitted for review and approval by the owner and architect prior to commencing work. The contractor is responsible for maintaining and updating the schedule regularly, ensuring it reflects the current status and any necessary adjustments. These updates shall be reviewed and discussed during each monthly project meeting to ensure alignment with project goals, timelines, and any evolving requirements.

9 - All details provided are based on the original existing documents that were available, supplemented by on-site visual evaluations and professional judgment. However, actual conditions may vary from those anticipated in the design. Any variations or discrepancies discovered during the course of work must be promptly reported, and all necessary modifications to the design or replacement details must be reviewed and approved by the architect prior to proceeding. The contractor is responsible for field-verifying all dimensions and conditions on-site to ensure accuracy and alignment with the project requirements. Dimensions indicated on the existing roof plans are derived from the original drawings, site visual assessments, and professional judgment and should be confirmed on-site before commencing related work. (typ.)

10 - The successful roofing contractor shall adhere to the standards and best practices outlined by the National Roofing Contractors Association (NRCA), the Sheet Metal and Air Conditioning Contractors National Association (SMACNA), the Spray Polyurethane Foam Alliance (SPFA), and the Center for the Polyurethane Industry (CPI). These standards shall serve as the guiding framework for all roofing work. In the event that any aspects of the roofing project are not explicitly addressed in the contract documents, the contractor shall apply the standards from the aforementioned organizations as the basis for the work. Any such areas must be reviewed, verified, and coordinated with the architect prior to execution to ensure compliance with project requirements and alignment with industry standards. (typ.)

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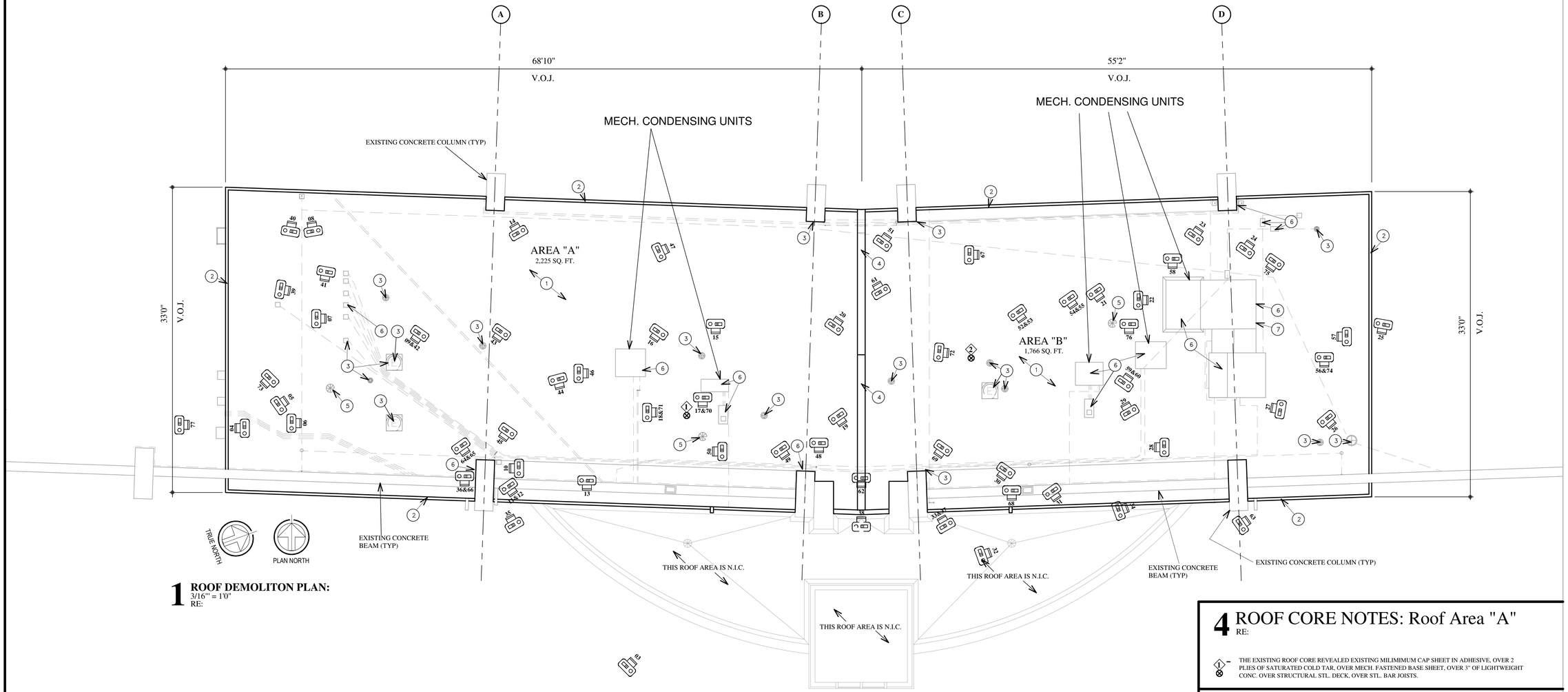
PROJECT NO. 2411

SHEET NO. TITLE



1 ROOF DEMOLITON PLAN:

3/16"" = 1'0"
RE:

2 LEGEND

RE:

- DENOTES EXISTING WASTE STACK
- DENOTES PHOTO (RE: PHOTO SPECIFICATION)
- DENOTES ROOF CORE PHOTO (RE: PHOTO SPECIFICATION)
- DENOTES EXISTING EXHAUST FAN
- DENOTES EXISTING ROOF DRAIN
- DENOTES EXISTING LIGHTWEIGHT INSULATED CONCRETE VENT
- DENOTES EXISTING ROOF OVERFLOW SCUPPERS
- DENOTES EXISTING EXPANSION JOINT
- DENOTES EXISTING REFRIGERANT COVER
- DENOTES EXISTING HEAT EXHAUST VENT
- DENOTES EXISTING PITCH PAN

3 GENERAL DEMOLITION NOTES

GEN. NOTE – ALL DETAILS AND NOTES SHOWN ARE DERIVED FROM LIMITED EXISTING ORIGINAL DOCUMENTS WHICH WERE AVAILABLE, AND ON SITE VISUAL EVALUATIONS AND PROFESSIONAL JUDGEMENTS. ACTUAL DETAILS MAY VARY FROM THOSE ANTICIPATED. AS SOON AS VARIATIONS ARE DISCOVERED, ANY MODIFICATIONS TO THE DESIGN REPLACEMENT DETAIL MUST BE VERIFIED AND COORDINATED WITH THE ARCHITECT BEFORE WORK CAN BE COMPLETED. FIELD VERIFY ALL DIMENSIONS ON THE JOB SITE. (TYP.)

1. CONTRACTOR SHALL PROTECT THE EXISTING BUILDING FROM MOISTURE INFILTRATION DURING CONSTRUCTION.
2. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTING, BRACING, AND PROTECTION OF ALL MECHANICAL EQUIPMENT, CONDENSING UNITS, ELECTRICAL CONDUIT, GAS PIPING, REFRIGERANT LINES, AND ASSOCIATED SERVICES REQUIRED TO COMPLETE THE ROOFING WORK.
3. DISCONNECTION AND RECONNECTION OF ELECTRICAL, MECHANICAL, GAS, OR REFRIGERATION SYSTEMS REQUIRED TO FACILITATE THE WORK SHALL BE PERFORMED BY PROPERLY LICENSED SUBCONTRACTORS.
4. REMOVE EXISTING WOOD BLOCKING, NAILERS, CURB BLOCKING, AND SUPPORT MEMBERS AS REQUIRED FOR INSTALLATION OF NEW ROOFING SYSTEM.
5. CONTRACTOR SHALL INSPECT EXISTING LIGHTWEIGHT CONCTRETE ROOF DECK FOR DAMAGE AFTER REMOVAL OF EXISTING ROOFING SYSTEM. CONTRACTOR SHALL IMMEDIATELY MAKE THE ARCHITECT AWARE OF ANY EXCESSIVE/ UNFORESEEN DAMAGE TO THE LIGHTWEIGHT CONCRETE DECK.
6. CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL DEMOLISHED MATERIALS OFF SITE.
7. PROVIDE TEMPORARY WATERPROOFING AND WEATHER PROTECTION AS REQUIRED TO MAINTAIN A WATERTIGHT BUILDING DURING CONSTRUCTION.
8. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK WITH THE OWNER TO MINIMIZE INTERRUPTION TO FACILITY OPERATIONS, EVENTS, AND BUILDING OCCUPANCY.
9. EXISTING MECHANICAL EQUIPMENT, CONDUIT, GAS LINES, REFRIGERANT PIPING, ROOF DRAINS, AND OTHER ITEMS INDICATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE THROUGHOUT CONSTRUCTION.
10. PROTECT EXISTING LIGHTWEIGHT INSULATING CONCRETE AS REQUIRED TO REPAIR THE LIGHTWEIGHT INSULATING DECK FOR NEW ROOF SYSTEM INSTALLATION.
11. CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE EXISTING STRUCTURAL METAL DECK DURING DEMOLITION OPERATIONS.
12. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING MECHANICAL, ELECTRICAL, GAS, COMMUNICATIONS, REFRIGERATION, AND LOW VOLTAGE SYSTEMS AFFECTED BY THE WORK PRIOR TO COMMENCEMENT OF DEMOLITION OPERATIONS.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL DISCONNECTIONS, TEMPORARY SUPPORT REQUIREMENTS, TEMPORARY SERVICES, AND RECONNECTION REQUIREMENTS NECESSARY TO COMPLETE THE WORK WITHOUT INTERRUPTION TO BUILDING OPERATIONS.
14. CONTRACTOR SHALL IMMEDIATELY TEMPORARILY DRY–IN ANY OPEN ROOF AREAS AT THE END OF EACH WORK DAY OR PRIOR TO FORECASTED RAIN EVENTS.
15. ALL MECHANICAL, ELECTRICAL, GAS, REFRIGERATION, DATA, COMMUNICATIONS, SCOREBOARD, AUDIO/VISUAL, SECURITY, FIRE ALARM, AND OTHER EXISTING SYSTEMS SHALL REMAIN FULLY OPERATIONAL UNLESS SPECIFICALLY COORDINATED OTHERWISE WITH OWNER.
16. CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORTS, HANGERS, BRACING, WEATHER PROTECTION, AND TEMPORARY CONNECTIONS REQUIRED TO MAINTAIN EXISTING SERVICES DURING CONSTRUCTION.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SHUTDOWNS, DISCONNECTIONS, AND RECONNECTIONS WITH OWNER PRIOR TO COMMENCEMENT OF WORK.
18. ALL DISCONNECTIONS, TEMPORARY REMOVALS, TEMPORARY SUPPORTS, RECONNECTIONS, AND ADJUSTMENTS TO EXISTING SYSTEMS SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CODES AND BY PROPERLY LICENSED TRADES.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR INTERRUPTION TO EXISTING BUILDING SERVICES CAUSED BY CONSTRUCTION OPERATIONS.
20. CONTRACTOR SHALL VERIFY LOADS, SUPPORT REQUIREMENTS, AND TEMPORARY SUPPORT METHODS FOR ALL EXISTING EQUIPMENT, CONDUIT, PIPING, CURBS, AND ASSOCIATED SYSTEMS AFFECTED BY THE WORK.
21. THE FOOTBALL STADIUM, ASSOCIATED FACILITIES, AND ADJACENT AREAS ARE EXPECTED TO REMAIN OCCUPIED AND OPERATIONAL DURING CONSTRUCTION.
22. CONTRACTOR SHALL NOT DISRUPT SCHEDULED ATHLETIC EVENTS, TEAM ACTIVITIES, STADIUM OPERATIONS, PEDESTRIAN ACCESS, EMERGENCY ACCESS, OR OWNER OPERATIONS WITHOUT PRIOR WRITTEN APPROVAL FROM OWNER.
23. CONTRACTOR SHALL COORDINATE MATERIAL DELIVERIES, DEMOLITION ACTIVITIES, CRANE OPERATIONS, LOADING, AND DEBRIS REMOVAL WITH OWNER TO AVOID CONFLICTS WITH STADIUM EVENTS AND CAMPUS ACTIVITIES.
24. CONTRACTOR SHALL MAINTAIN SAFE ACCESS TO ALL OCCUPIED AREAS ADJACENT TO THE WORK AREA AT ALL TIMES.
25. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE WORK AREA AT THE END OF EACH WORK DAY.
26. NOISE, VIBRATION, ODORS, AND OTHER CONSTRUCTION DISTURBANCES SHALL BE MINIMIZED.
27. CONTRACTOR IS TO COORDINATE WORK WITH BOTH THE DESIGNER AND THE USER AGENCY.
28. CONTRACTOR IS TO COORDINATE RESTRICTED AND/ OR STAGING AREAS, AS WELL AS TEMPORARY UTILITY SHUTDOWN WITH THE USER AGENCY.
29. CONTRACTOR IS TO SEAL THE ROOF ON THE SAME DAY AS ANY INSTALLATION. IN ADDITION, THE CONTRACTOR SHOULD NOT INITIATE MORE ROOF THAN CAN BE COMPLETED ON THE SAME DAY; KEEPING WATCH ON HOURLY LOCAL RAIN FORECASTS AND ACTUAL WEATHER CONDITIONS.

4 ROOF CORE NOTES: Roof Area "A"

RE:

1 – THE EXISTING ROOF CORE REVEALED EXISTING MILIMIMUM CAP SHEET IN ADHESIVE, OVER 2 PLIES OF SATURATED COLD TAR, OVER MECH. FASTENED BASE SHEET, OVER 3" OF LIGHTWEIGHT CONC. OVER STRUCTURAL STL. DECK, OVER STL. BAR JOISTS.

5 ROOF CORE NOTES: Roof Area "B"

RE:

1 – THE EXISTING ROOF CORE REVEALED EXISTING MILIMIMUM CAP SHEET IN ADHESIVE, OVER 2 PLIES OF SATURATED COLD TAR, OVER MECH. FASTENED BASE SHEET, OVER 3" OF LIGHTWEIGHT CONC. OVER STRUCTURAL STL. DECK, OVER STL. BAR JOISTS.

6 DEMOLITION KEY NOTES

RE:

REFER TO GENERAL NOTES AND GENERAL ROOFING NOTES ON TITLE PAGE FOR ADDITIONAL INFORMATION.

BUILT–UP ROOFING SYSTEM (ROOF AREA A & B)

1 – REMOVE EXISTING ROOFING SYSTEM DOWN TO EXISTING LIGHTWEIGHT CONCRETE DECK IN ALL AREAS INDICATED TO RECEIVE NEW ROOFING. CONTRACTOR SHALL PHOTOGRAPH ALL DAMAGED LIGHTWEIGHT CONCRETE DECK PRIOR TO REINSTALLATION OF NEW ROOFING AS RECOMMENDED BY MANUFACTURER (TYPICAL).

2 – CONTRACTOR SHALL REMOVE ALL EXISTING PERIMETER EDGE METALS, GRAVEL STOPS, FLASHINGS, COUNTERFLASHINGS, TERMINATION BARS, TREATED WOOD BLOCKING, AND ASSOCIATED ACCESSORIES REQUIRED FOR INSTALLATION OF THE NEW ROOFING SYSTEM.

3 – REMOVE ALL EXISTING ROOF PENETRATION FLASHINGS, INCLUDING PIPE FLASHINGS, PITCH PANS, AND CURB FLASHINGS.

4 – REMOVE EXISTING EXPANSION JOINT COVERS, FLASHINGS, AND RELATED MATERIALS AS REQUIRED FOR INSTALLATION OF NEW EXPANSION JOINT ASSEMBLIES.

5 – THE GENERAL CONTRACTOR SHALL PREPARE ALL EXISTING ROOF DRAIN ASSEMBLIES AT AREA A & B TO RECEIVE NEW RETROFIT ROOF DRAIN SYSTEMS. CONTRACTOR SHALL PROTECT THE EXISTING BUILDING FROM MOISTURE INFILTRATION DURING CONSTRUCTION.

6 – EXISTING REFRIGERANT LINE COVERS, GAS PIPING SUPPORTS, CONDUIT SUPPORTS, EQUIPMENT SUPPORT FRAMES, CURB SUPPORTS, AND OTHER ROOF MOUNTED SUPPORT SYSTEMS SHALL BE TEMPORARILY REMOVED OR ELEVATED AS REQUIRED TO REMOVE ALL EXISTING ROOF FELTS.

7 – REMOVE ALL DUCT INSULATION AND REPLACE WITH LIKE–IN KIND DUCT INSULATION, WEATHER TIGHT WITH NO DUCT PENETRATION.

8 – CHANGE OUT PIPES THAT HAVE MORE THAN 30% OF PIPE RUSTED OR IF BROKEN. ALL PIPE W/RUST BELOW 30% SHALL BE SANDED AND PREPPED FOR A GALVANIZING COAT IF GALV. PIPE. IF PIPE IS OF A MATERIAL OTHER THAN GALV., PREP FOR TWO COATS OF FERROUS METAL PAINT.

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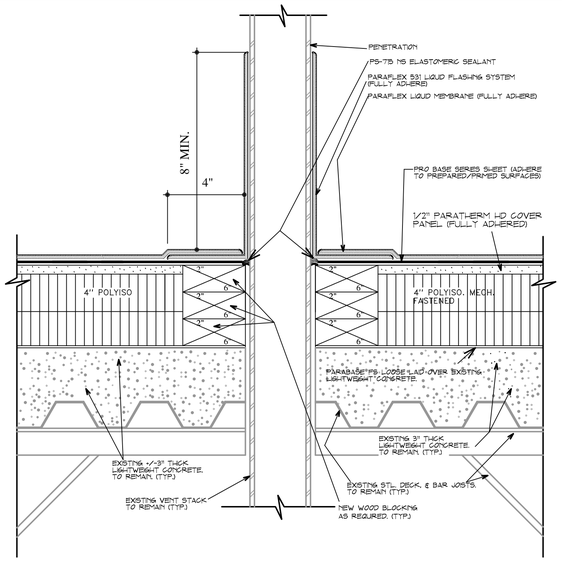
PROJECT NO.
2411

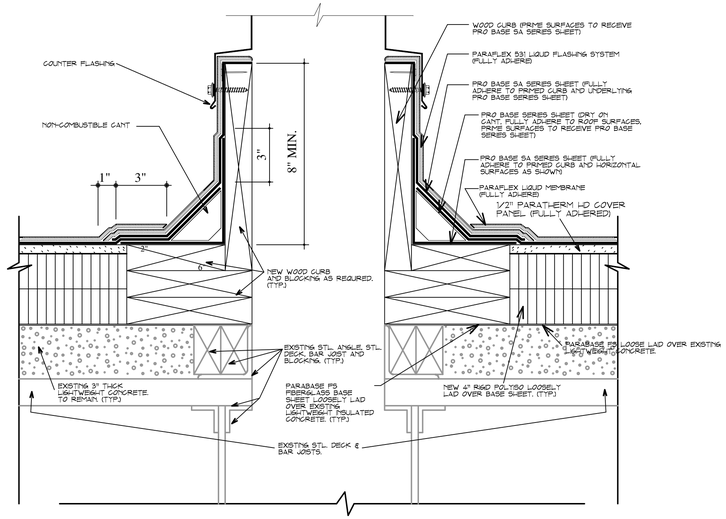
SHEET NO.
A-1.0

OMITTED

1 3" = 1'0"
RE: 1A-3.0



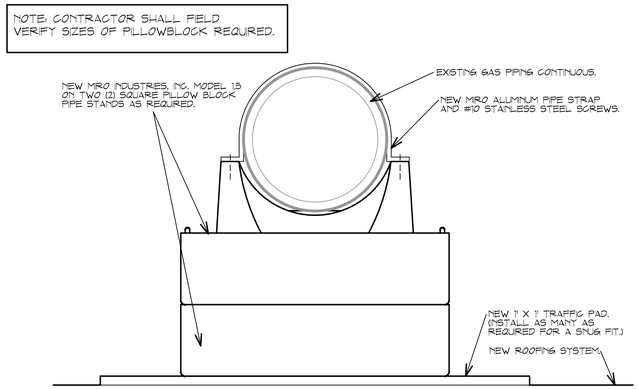
2 DETAIL: PENETRATION PARAFLEX ROOF MEMBRANE - AREA "A
3" = 1'0"
RE: 1A-3.0



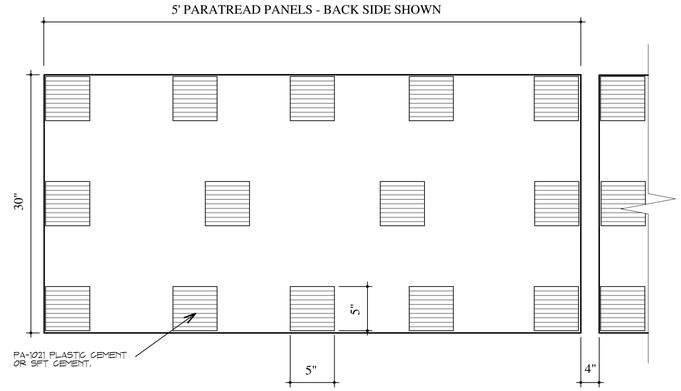
3 DETAIL: TYPICAL CURB
3" = 1'0"
RE: 1A-3.0

OMITTED

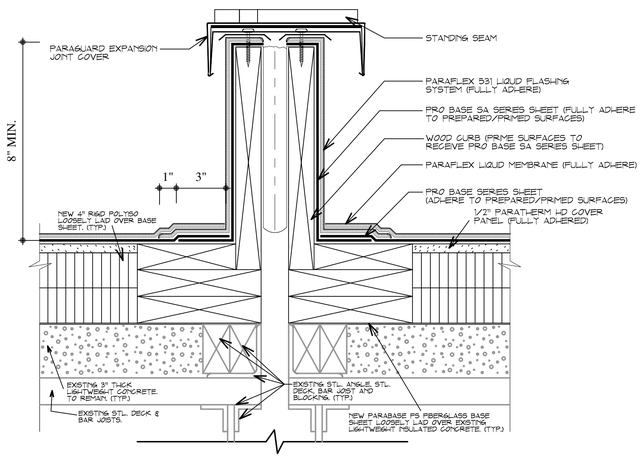
4 3" = 1'0"
RE: 1A-3.0



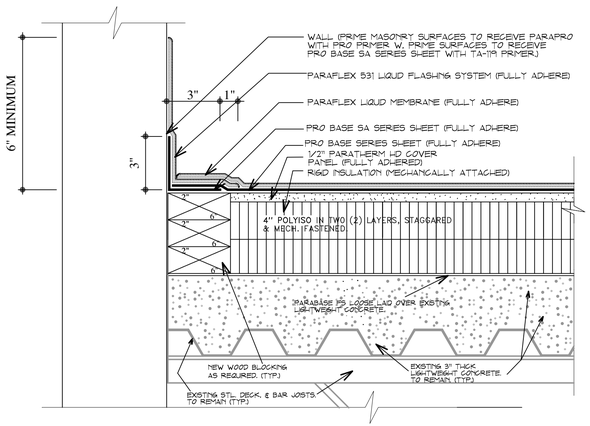
5 DETAIL: Existing Gas Pipe Pillow Block
6" =1'-0"
RE: 1A-3.0



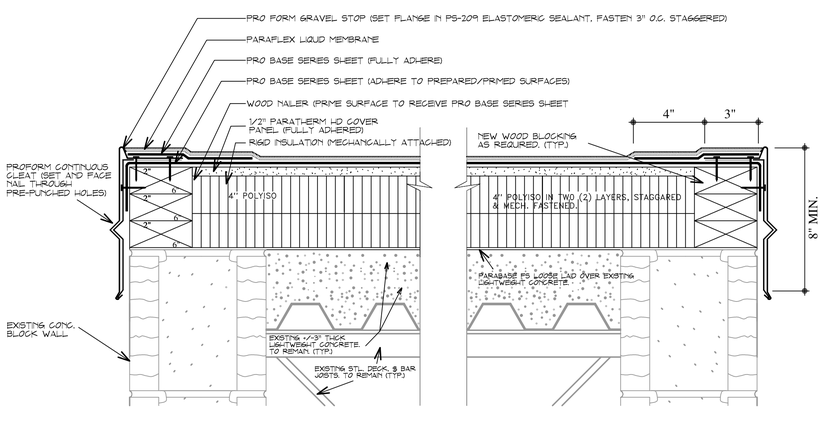
6 DETAIL: PARATREAD APPLICATION
N.T.S.
RE: 1A-3.0



7 DETAIL: PARAGUARD EXPANSION JOINT (ROOF TO ROOF)
N.T.S.
RE: 1A-3.0



8 DETAIL: WALL WITH SELF TERMINATING FLASHING
N.T.S.
RE: 1A-3.0



9 DETAIL: PRO FORM GRAVEL STOP
N.T.S.
RE: 1A-3.0

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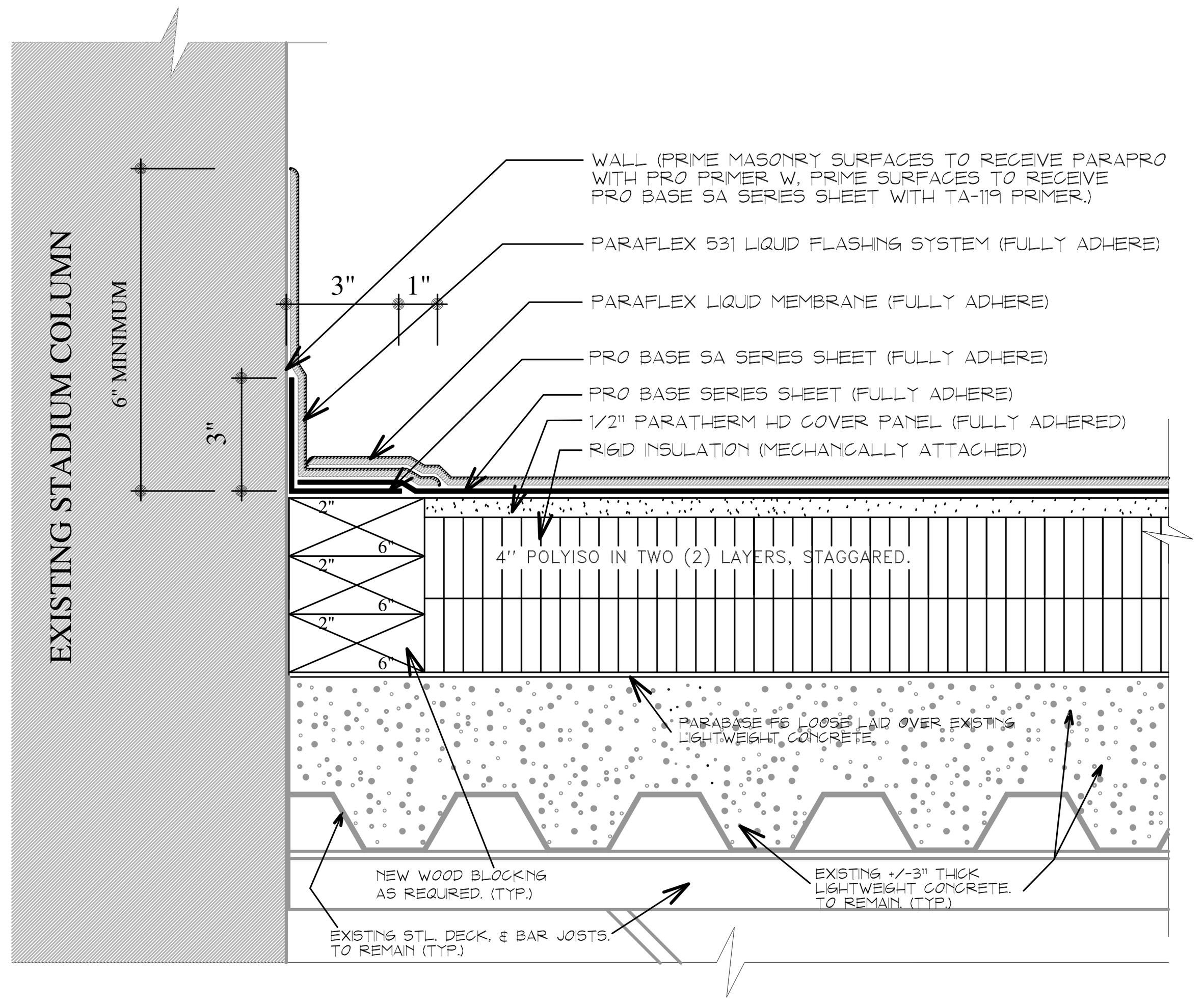
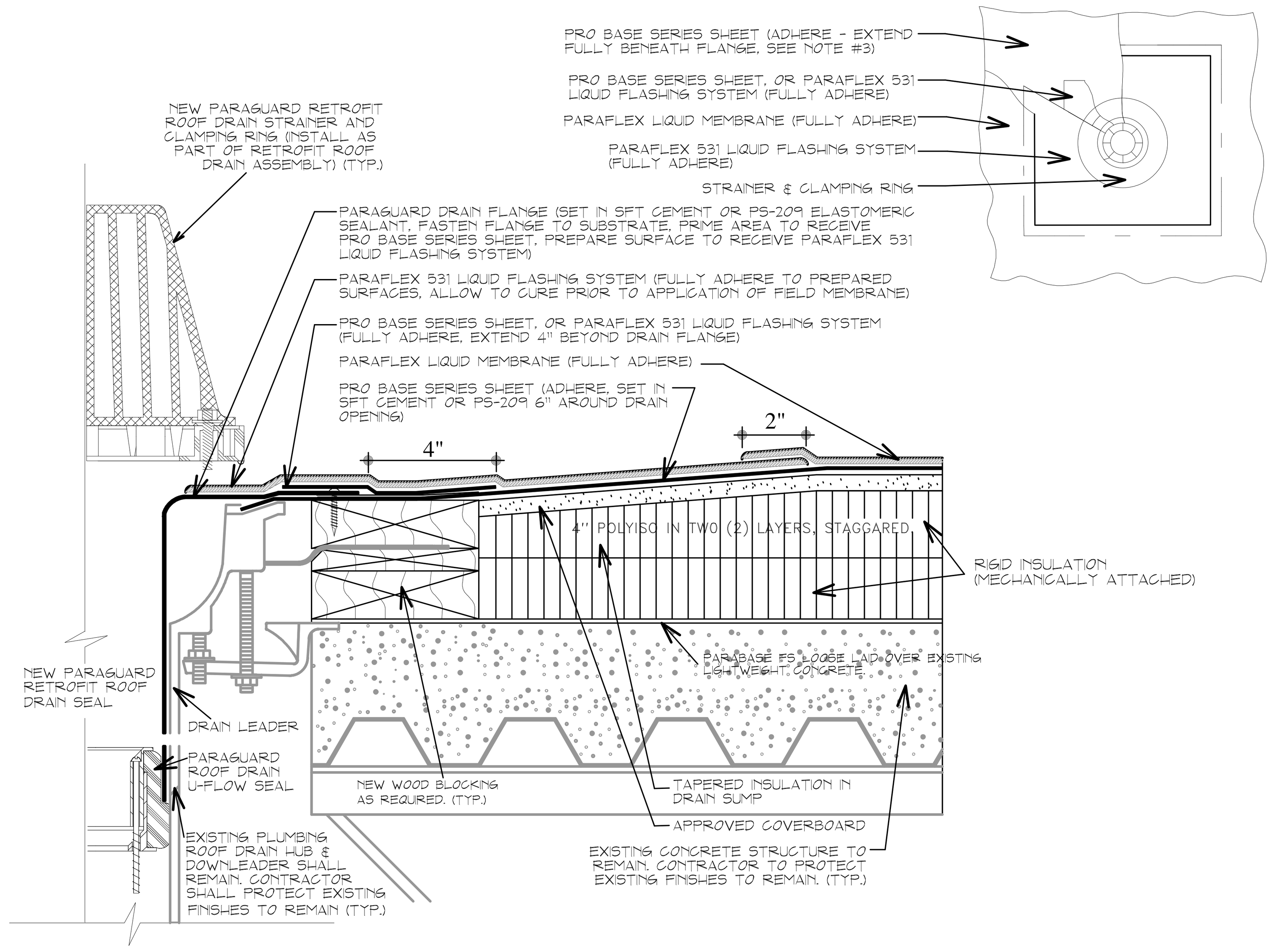
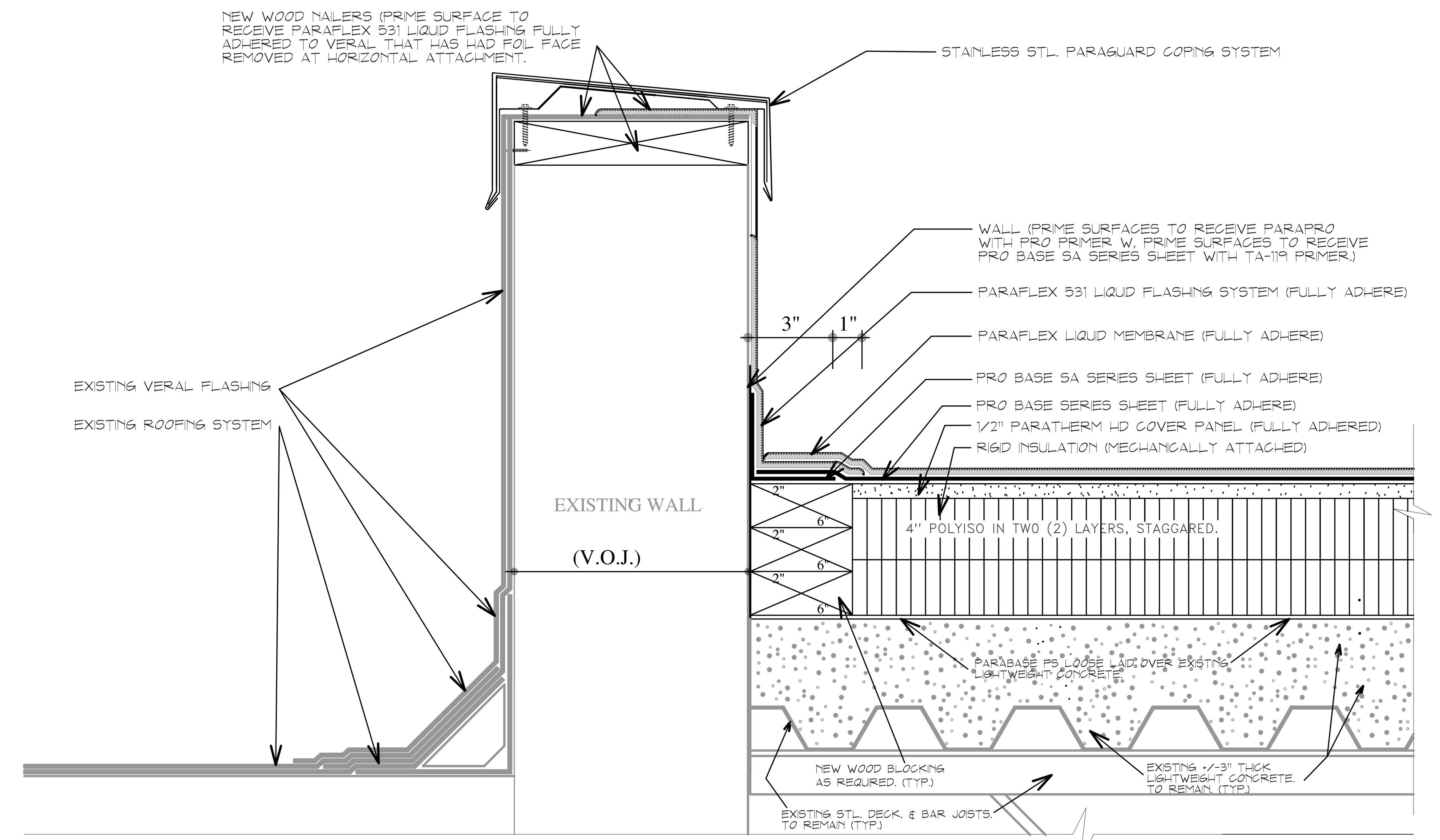
SHEET NO.
A-2.0



1 DETAIL: EXISTING STADIUM COLUMN
3" = 1'-0"
RE: 1A-3.0

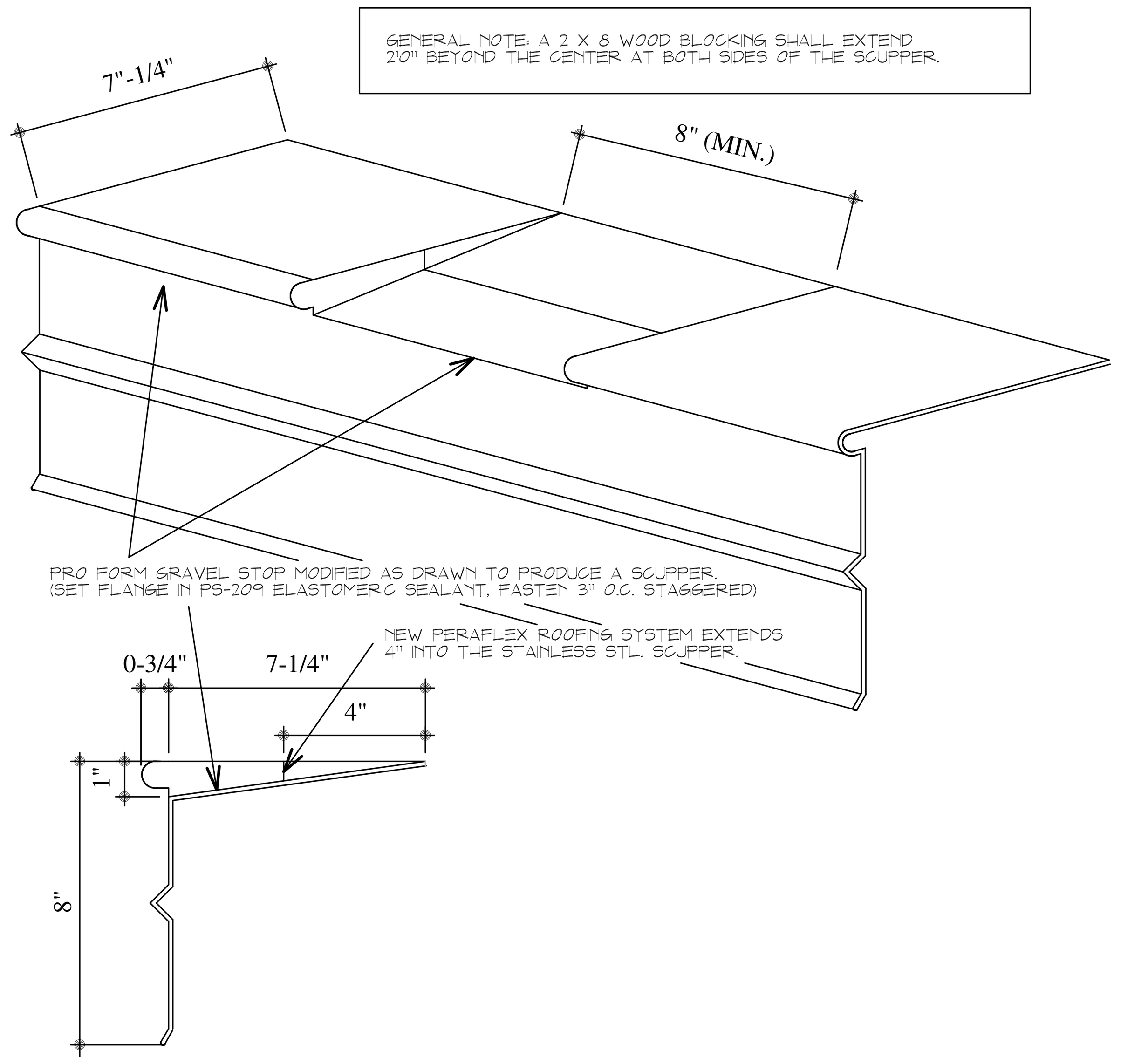


2 NEW ROOFING DETAIL: RETROFIT ROOF DRAIN W/PARAFLEX FLASHING
3" = 1'0"
RE: 1A-3.0



3 DETAIL: PARAGUARD COPING/PARAFLEX LIQUID MENBRANE FULLY ADHERED TO PRO BASE SERIES SHEET
3" = 1'0"
RE: 1A-1.0 & 1A-1.1

GENERAL NOTE: A 2 X 8 WOOD BLOCKING SHALL EXTEND 2'0" BEYOND THE CENTER AT BOTH SIDES OF THE SCUPPER.



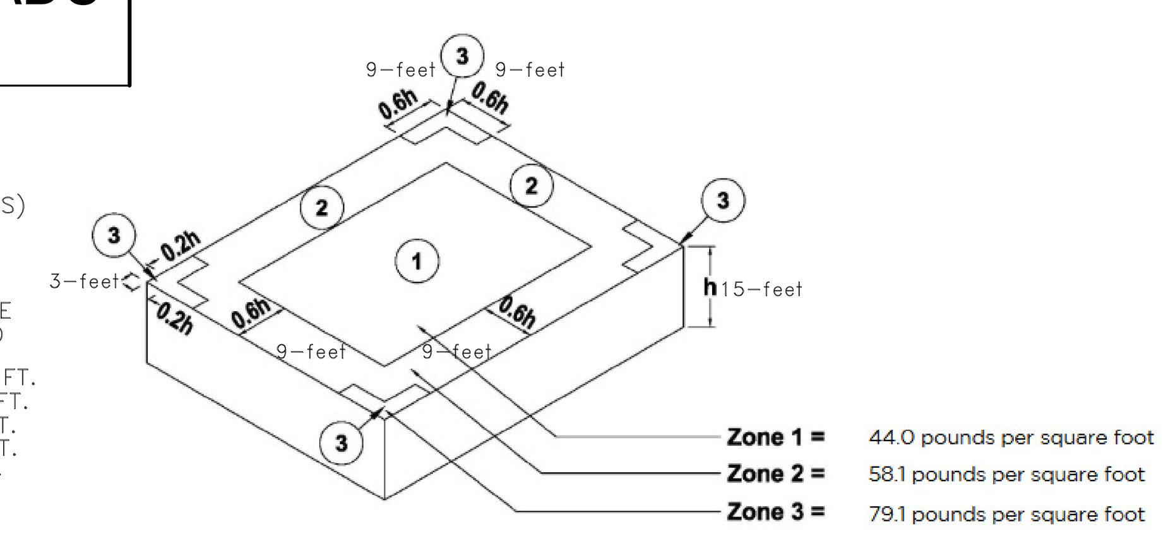
4 DETAIL: PROFORM OVERFLOW SCUPPER ISOMETRIC & SECTION
3" = 1'0"
RE: 1A-3.0

5 ROOFING WINDLOADS
RE:

WIND SPEED– 152 MPH (3 SECOND GUSTS)
(EXPOSURE CATEGORY B)

THE FOLLOWING VALUES ARE DERIVED USING ASCE 7–16, METHOD 1– ALLOWABLE STRESS DESIGN METHOD IS BEING UTILIZED

ROOF ZONE 1' – 25.3 POUNDS PER SQ. FT.
ROOF ZONE 1 – 44.0 POUNDS PER SQ. FT.
ROOF ZONE 2 – 58.1 POUNDS PER SQ. FT.
ROOF ZONE 3 – 79.1 POUNDS PER SQ. FT.



DRAIN CAPACITY REQUIRED:

- AREA OF ROOF (TOTAL) = 3991 SF.
- # OF DRAINS = 3 PROVIDED
- AREA SERVED/ DRAIN = 1331 SF.
- SMACNA 100 YEAR STORM DESIGN CAPACITY:
  AREA OF ROOF SERVED / SQ.IN. OF DRAIN = 188 SF.
- CAPACITY OF DRAIN – 7.07 SQ.IN. X 1880 = 1329 SF./ DRAIN
- 3991 SF. ROOR AREA / 1329 SF. PER DRAIN = 3 D.S. REQUIRED

- 3 DRAINS PROVIDED EXCEEDS 3 DOWNSPOUTS REQUIRED

GUTTER SIZE REQUIRED

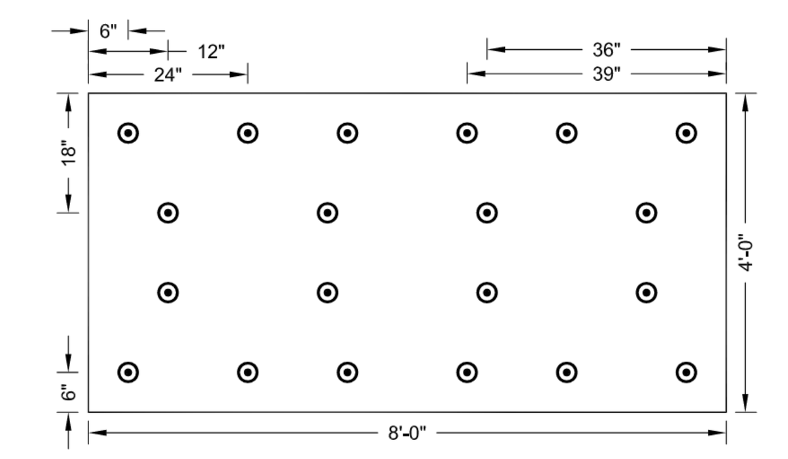
- PEAK FLOW RATE – $Q = \frac{C \times I \times A}{96.25}$
  - C = 1.0
  - I = 6IN./ HR.
  - A = 3991 SF.
- REQUIRED Q = 249 GPM
- CAPACITY OF 3" ROOF DRAIN = 87 GPM (AS PER IPC TABLE 1106.2)
- 87 GPM X 3 DRAINS = 261 GPM
- AVAILABLE Q = 261 GPM

- AVAILABLE Q (261 GPM) EXCEEDS REQUIRED Q (249 GPM)

6 ROOFING FASTENING PATTERNS
RE:

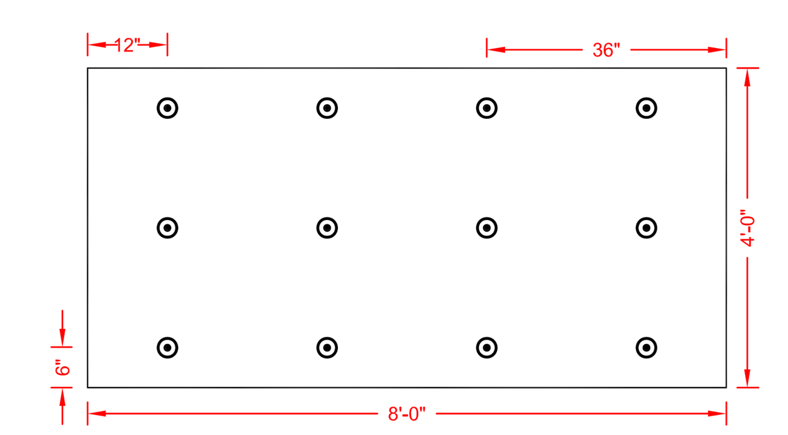
PERIMETER

20 fasteners per board
(1 fastener per 1.6 sq ft)



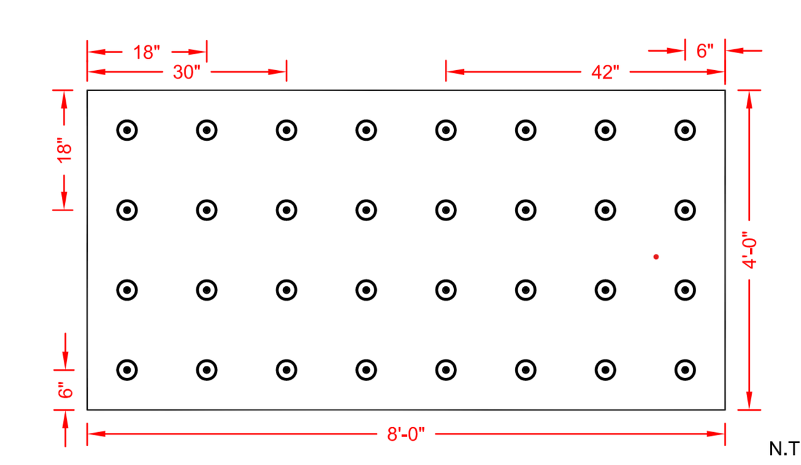
FIELD

12 fasteners per board
(1 fastener per 2.7 sq ft)



CORNER
(if required)

32 fasteners per board



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CENTURY CLUB ROOM ROOF REPLACEMENT
FOR THE
NICHOLLS STATE UNIVERSITY
THIBODAUX, LA 70301

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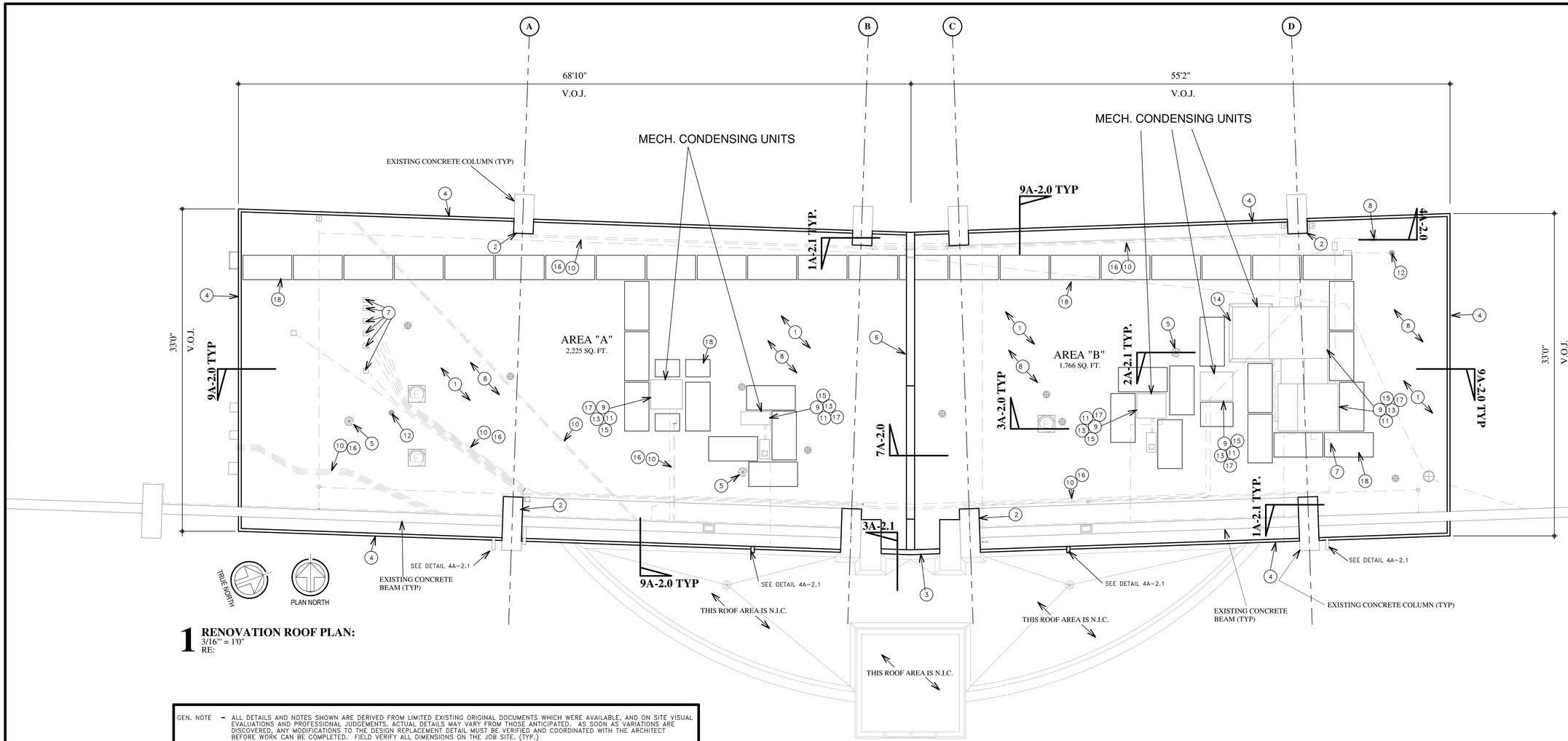

1 RENOVATION ROOF PLAN:

3/16"' = 1'0"
RE:

GEN. NOTE – ALL DETAILS AND NOTES SHOWN ARE DERIVED FROM LIMITED EXISTING ORIGINAL DOCUMENTS WHICH WERE AVAILABLE, AND ON SITE VISUAL EVALUATIONS AND PROFESSIONAL JUDGEMENTS. ACTUAL DETAILS MAY VARY FROM THOSE ANTICIPATED. AS SOON AS VARIATIONS ARE DISCOVERED, ANY MODIFICATIONS TO THE DESIGN REPLACEMENT DETAIL MUST BE VERIFIED AND COORDINATED WITH THE ARCHITECT BEFORE WORK CAN BE COMPLETED. FIELD VERIFY ALL DIMENSIONS ON THE JOB SITE. (TYP.)

2 LEGEND

RE:

- DENOTES EXISTING WASTE STACK
- DENOTES PHOTO (RE: PHOTO SPECIFICATION)
- DENOTES ROOF CORE PHOTO (RE: PHOTO SPECIFICATION)
- DENOTES EXISTING EXHAUST FAN
- DENOTES EXISTING ROOF DRAIN
- DENOTES EXISTING LIGHTWEIGHT INSULATED CONCRETE VENT
- DENOTES EXISTING ROOF OVERFLOW SCUPPERS
- DENOTES EXISTING EXPANSION JOINT
- DENOTES EXISTING REFRIGERANT COVER
- DENOTES EXISTING HEAT EXHAUST VENT
- DENOTES EXISTING PITCH PAN

3 GENERAL RENOVATION NOTES

1. INSTALL NEW SIPLAST PARAFLEX FLUID–APPLIED ROOFING SYSTEM OVER SIPLAST PRO BASE SYSTEM IN ACCORDANCE WITH MANUFACTURER?S WRITTEN REQUIREMENTS, APPROVED SUBMITTALS, AND CONTRACT DOCUMENTS.
2. ALL WORK SHALL BE PERFORMED BY A ROOFING CONTRACTOR CURRENTLY APPROVED BY THE ROOF SYSTEM MANUFACTURER FOR INSTALLATION OF THE SPECIFIED SYSTEM.
3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, PENETRATIONS, CURBS, ROOF DRAINS, EQUIPMENT, PIPING, CONDUIT, AND ROOF MOUNTED ITEMS PRIOR TO COMMENCEMENT OF WORK.
4. DRAWINGS ARE DIAGRAMMATIC AND MAY NOT SHOW ALL EXISTING CONDITIONS. NOTIFY ARCHITECT OF ANY CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS OR PREVENT PROPER INSTALLATION OF THE SPECIFIED ROOFING SYSTEM.
5. CLEAN, PREPARE, PRIME, AND QUALIFY ALL SUBSTRATES IN ACCORDANCE WITH SIPLAST REQUIREMENTS PRIOR TO INSTALLATION OF NEW ROOFING MATERIALS.
6. INSTALL ONLY AS MUCH ROOFING WORK AS CAN BE MADE WATERTIGHT THE SAME DAY. PROVIDE TEMPORARY WATERPROOFING AS REQUIRED TO MAINTAIN A WATERTIGHT BUILDING DURING CONSTRUCTION.
7. MAINTAIN POSITIVE DRAINAGE AT ALL ROOF AREAS. PROVIDE TAPERED INSULATION, CRICKETS, AND SADDLES AS REQUIRED TO DIRECT WATER TO ROOF DRAINS.
8. PROTECT ALL NEWLY INSTALLED ROOFING MATERIALS FROM DAMAGE CAUSED BY CONSTRUCTION OPERATIONS, FOOT TRAFFIC, MATERIAL STORAGE, AND OTHER TRADES.
9. ANY DAMAGE TO NEWLY INSTALLED ROOFING SYSTEMS, FLASHINGS, COPINGS, OR ACCESSORIES SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO OWNER.
10. CONTRACTOR SHALL COORDINATE ALL WORK WITH OWNER TO MAINTAIN CONTINUOUS OPERATION OF THE FOOTBALL STADIUM AND ASSOCIATED FACILITIES DURING CONSTRUCTION.
11. CONTRACTOR SHALL NOT DISRUPT SCHEDULED ATHLETIC EVENTS, TEAM ACTIVITIES, STADIUM OPERATIONS, PEDESTRIAN ACCESS, EMERGENCY ACCESS, OR OWNER OPERATIONS WITHOUT PRIOR WRITTEN APPROVAL FROM OWNER.
12. PROVIDE OWNER WITH MANUFACTURER?S TWENTY YEAR LABOR AND MATERIAL WARRANTY AND CONTRACTOR?S TWO YEAR WORKMANSHIP WARRANTY UPON COMPLETION.
13. SCHEDULE AND CONDUCT A PRE–INSTALLATION CONFERENCE WITH OWNER, ARCHITECT, ROOFING MANUFACTURER REPRESENTATIVE, AND APPLICABLE TRADES PRIOR TO COMMENCEMENT OF WORK.
14. CONTRACTOR IS TO COORDINATE WORK WITH BOTH THE DESIGNER AND THE USER AGENCY.
15. CONTRACTOR IS TO COORDINATE RESTRICTED AND/ OR STAGING AREAS, AS WELL AS TEMPORARY UTILITY SHUTDOWN WITH THE USER AGENCY.
16. CONTRACTOR IS TO SEAL THE ROOF ON THE SAME DAY AS ANY INSTALLATION. IN ADDITION, THE CONTRACTOR SHOULD NOT INITIATE MORE ROOF THAN CAN BE COMPLETED ON THE SAME DAY; KEEPING WATCH ON HOURLY LOCAL RAIN FORECASTS AND ACTUAL WEATHER CONDITIONS.

4 RENOVATION KEY NOTES

RE: 1A-3.0

REFER TO GENERAL NOTES AND GENERAL ROOFING NOTES ON TITLE PAGE FOR ADDITIONAL INFORMATION.

(1) – INSTALL NEW FLUID-APPLIED ROOFING SYSTEM OVER EXISTING LIGHTWEIGHT CONCRETE DECK, INCLUDING PARABASE FS BASE SHEET, TWO LAYERS OF 2" POLYISOCYANURATE INSULATION, 1/2" HIGH-DENSITY COVER BOARD, PRO BASE SBS MODIFIED BITUMINOUS BASE PLY, PARAFLEX LIQUID MEMBRANE WITH PRO FLEECE REINFORCEMENT, FLASHINGS, SEALANTS, FASTENERS, ADHESIVES, AND ACCESSORIES COMPLETE IN ACCORDANCE WITH SECTION 07 56 00, MANUFACTURER'S WRITTEN REQUIREMENTS, (TYP)

(2) – INSTALL NEW BASE FLASHING AT WALLS, CURBS, AND VERTICAL TRANSITIONS. PROVIDE MINIMUM 8" FLASHING HEIGHT ABOVE FINISHED ROOF SURFACE. (TYP)

(3) – INSTALL NEW PARAGUARD COPING SYSTEM AT PARAPET WALLS COMPLETE WITH BLOCKING, CLEATS, FASTENERS, FLASHINGS, AND ACCESSORIES.(TYP.)

(4) – INSTALL NEW ROOF EDGE / GRAVEL STOP ASSEMBLY COMPLETE WITH NEW WOOD BLOCKING, MEMBRANE FLASHING, CLEATS, FASTENERS, AND ASSOCIATED ACCESSORIES. (TYP.)

(5) – INSTALL NEW RETROFIT ROOF DRAIN ASSEMBLY AT EXISTING ROOF DRAIN LOCATION COMPLETE WITH COMPRESSION SEAL, CLAMPING RING, STRAINER, AND MANUFACTURER-REQUIRED FLASHING. (TYP)

(6) – INSTALL NEW EXPANSION JOINT FLASHING ASSEMBLY COMPLETE WITH MANUFACTURER-REQUIRED MEMBRANE, FLEECE, AND ACCESSORIES.(TYP)

(7) – INSTALL NEW PIPE / CONDUIT PENETRATION FLASHING COMPLETE WITH LIQUID-APPLIED FLASHING SYSTEM AND REINFORCING FLEECE.

(8) – ANY EXISTING PVC/ FLEXIBLE PENETRATIONS IN THE ROOF SHALL BE SECURED FROM MOVEMENT AS REQUIRED BY ROOFING MANUFACTURER. (TYP.)

(9) – INSTALL NEW EQUIPMENT CURB FLASHING COMPLETE WITH BASE FLASHING, LIQUID-APPLIED FLASHING, AND MANUFACTURER-REQUIRED ACCESSORIES.(TYP.)

(10) – ALL PIPING WHERE MORE THAN TWO (2) PIPES ARE RUNNING ADJACENT TO EACH OTHER, SHALL BE LIFTED OFF THE FINISH SURFACE OF ROOF WITH EITHER 48", 36" OR 24" WIDE BASE STRUT-5 SUPPORTS. 8-BASE STRUT-8 PIPE SUPPORTS MAY BE USED WHERE NO MORE THAN TWO (2) PIPES THAT FIT WITHIN 8" LONG STRUT ARE USED. ALL SUPPORT STRUTS SHALL BE SPACED NO MORE THAN 6'-0" O.C. ALL PIPES SHALL BE SECURED TO BASE STRUTS. V.O.J W/ARCHITECT. (TYP)

(11) – ALL CONDENSATE DRAIN PIPES SHALL BE RUN TO THE NEAREST ROOF DRAIN AND SUPPORTED WITH MIRO 3.0 PIPE SUPPORTS SPACED AT A MIN. OF 4'-0" O.C. (TYP.)

(12) – EXTEND ALL EXISTING OPEN PIPE PENETRATIONS AS REQUIRED TO PROVIDE A MINIMUM OF 8" ABOVE NEW FINISHED ROOF SURFACE. FLASH PENETRATIONS IN ACCORDANCE WITH ROOFING MANUFACTURER'S REQUIREMENTS. (TYP.)

(13) – PROVIDE NEW CURBS AS REQUIRED TO MAINTAIN A MINIMUM HEIGHT OF 8" ABOVE NEW FINISHED ROOF SURFACE. PROVIDE EXTERIOR GRADE WOOD BLOCKING, MINIMUM 2x6. (TYP)

(14) – REMOVE EXISTING EXPOSED DUCT INSULATION AND REPLACE WITH NEW EXTERIOR-GRADE, WEATHER-TIGHT DUCT INSULATION. INSTALL COMPLETE WITHOUT PENETRATIONS THROUGH DUCTWORK OR COMPROMISING WEATHERPROOFING. THE INTERSECTION OF NEW METAL FLASHING AND NEW DUCT INSULATION SHALL RECEIVE A CONTINUOS BEAD OF CAULKING SEALING JOINT WEATHER TIGHT.(TYP.)

(15) – REMOVE EXISTING 6" x 6" TREATED WOOD CURB SUPPORT AT EXISTING MECHANICAL UNIT AND REPLACE WITH NEW WOOD SUPPORT. SAND, PREPARE, AND PAINT EXISTING STEEL SUPPORTS IN ACCORDANCE WITH PAINT SPECIFICATIONS.(THIS OCCURS AT EXISTING MECHANICAL UNIT)

(16) – PROVIDE ROOF MANUFACTURER-APPROVED PROTECTION LAYER BENEATH ALL ROOF-MOUNTED SUPPORTS BEARING ON NEW ROOF SURFACE.(TYP)

(17) – ANY EQUIPMENT THAT SITS ON CURBING BLOCK, DIRECTLY ON THE ROOF, SHALL RECEIVE A SACRIFICIAL PLY OF PARATREAD BETWEEN ROOF EQUIPMENT CURBING.

(18) – INSTALL NEW WALK PADS / WALKTREAD AT SERVICE ACCESS AREAS, AROUND MECHANICAL EQUIPMENT, AND WHERE INDICATED ON PLAN. (TYP.) (RE: 6A-2.0)

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