

JENSEN BEACH HIGH SCHOOL PARTIAL ROOF REPLACEMENT: BUILDING 6

MARTIN COUNTY SCHOOL DISTRICT 100% CONSTRUCTION DOCUMENTS

ARCHITECTURAL DESIGN CONSULTANT:

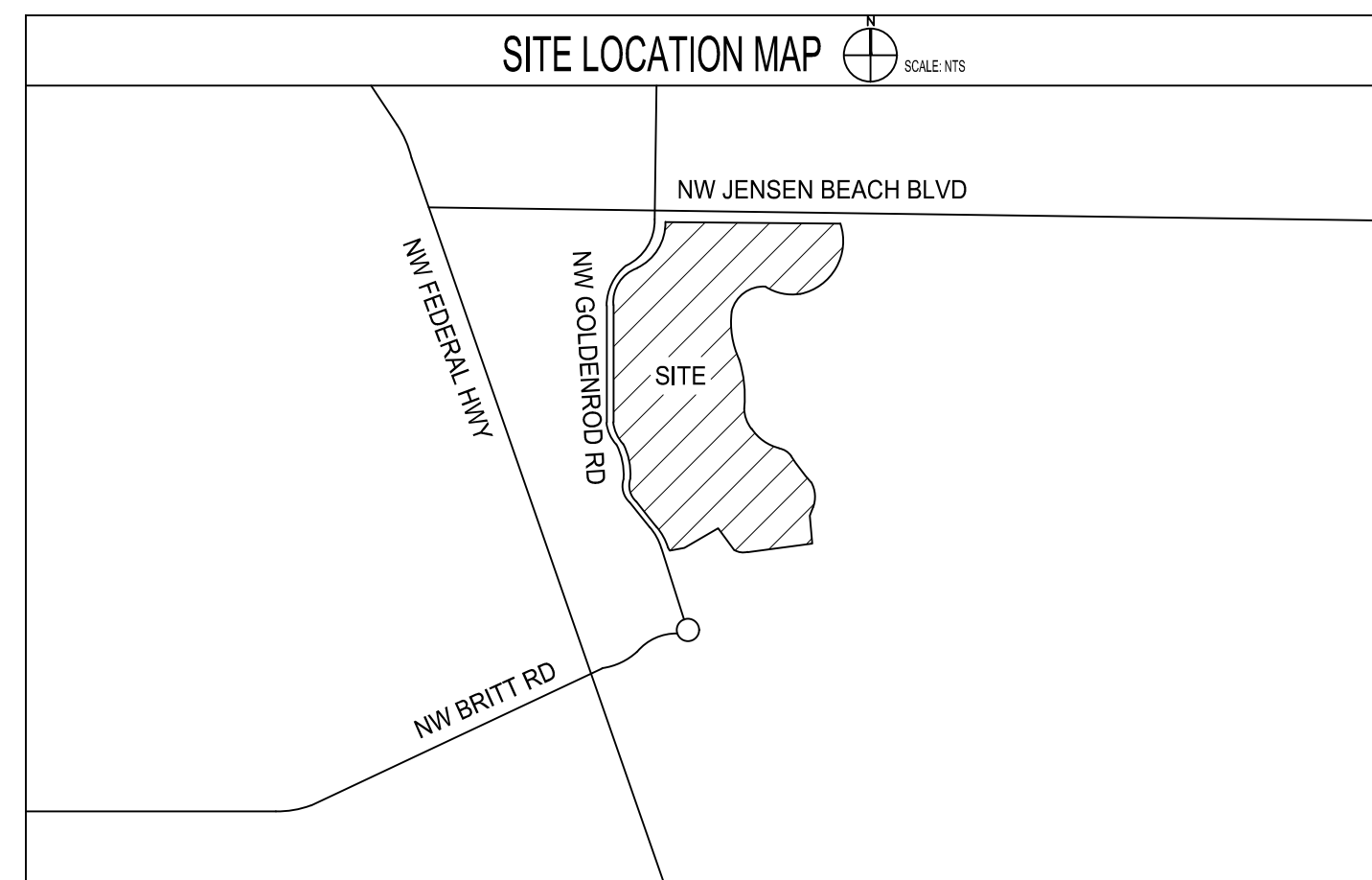
HARVARD JOLLY ARCHITECTURE

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BOARD MEMBERS:

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SUPERINTENDENT

PROJECT NARRATIVE

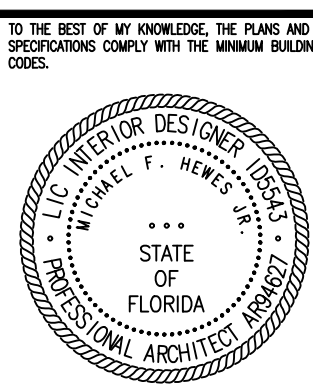
THIS PROJECT INCLUDES THE PARTIAL ROOF REPLACEMENTS AT JENSEN BEACH HIGH SCHOOL, BUILDING 6, LOCATED IN MARTIN COUNTY SCHOOL DISTRICT. THE PARTIAL REPLACEMENT OF THE ROOF SHALL BE IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS SET FORTH IN THESE DOCUMENTS AND FROM DIRECTION GIVEN FROM THE MARTIN COUNTY SCHOOL DISTRICT. THE WORK INVOLVED WILL INCLUDE BUT IS NOT LIMITED TO THE REMOVAL OF THE EXISTING ROOF PARTIALLY OVER BUILDING 6 AS REQUIRED. NEW CONSTRUCTION IS SET FORTH IN THE DOCUMENTS AS REQUIRED TO INSTALL THE NEW ROOF OVER A PORTION OF BUILDING 6. ALL AREAS, REGARDLESS OF LOCATION, WILL BE REQUIRED TO BE REPAIRED IF DISTURBED BY THE CONSTRUCTION. CONTRACTOR TO REVIEW ALL AS-BUILT DOCUMENTS AND EXISTING FIELD CONDITIONS BEFORE COMMENCING CONSTRUCTION AND VISIT THE SITE TO RECOGNIZE THE AREAS WITHIN THE SCOPE OF WORK.

ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MARTIN COUNTY SCHOOL DISTRICT STANDARDS, APPLICABLE CODES AND AUTHORITY HAVING JURISDICTION.

ARCHITECT'S STATEMENT OF COMPLIANCE:
TO THE BEST OF OUR KNOWLEDGE, THESE DRAWINGS AND PROJECT MANUAL ARE COMPLETE AND COMPLY WITH THE MINIMUM REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE SIXTH EDITION.

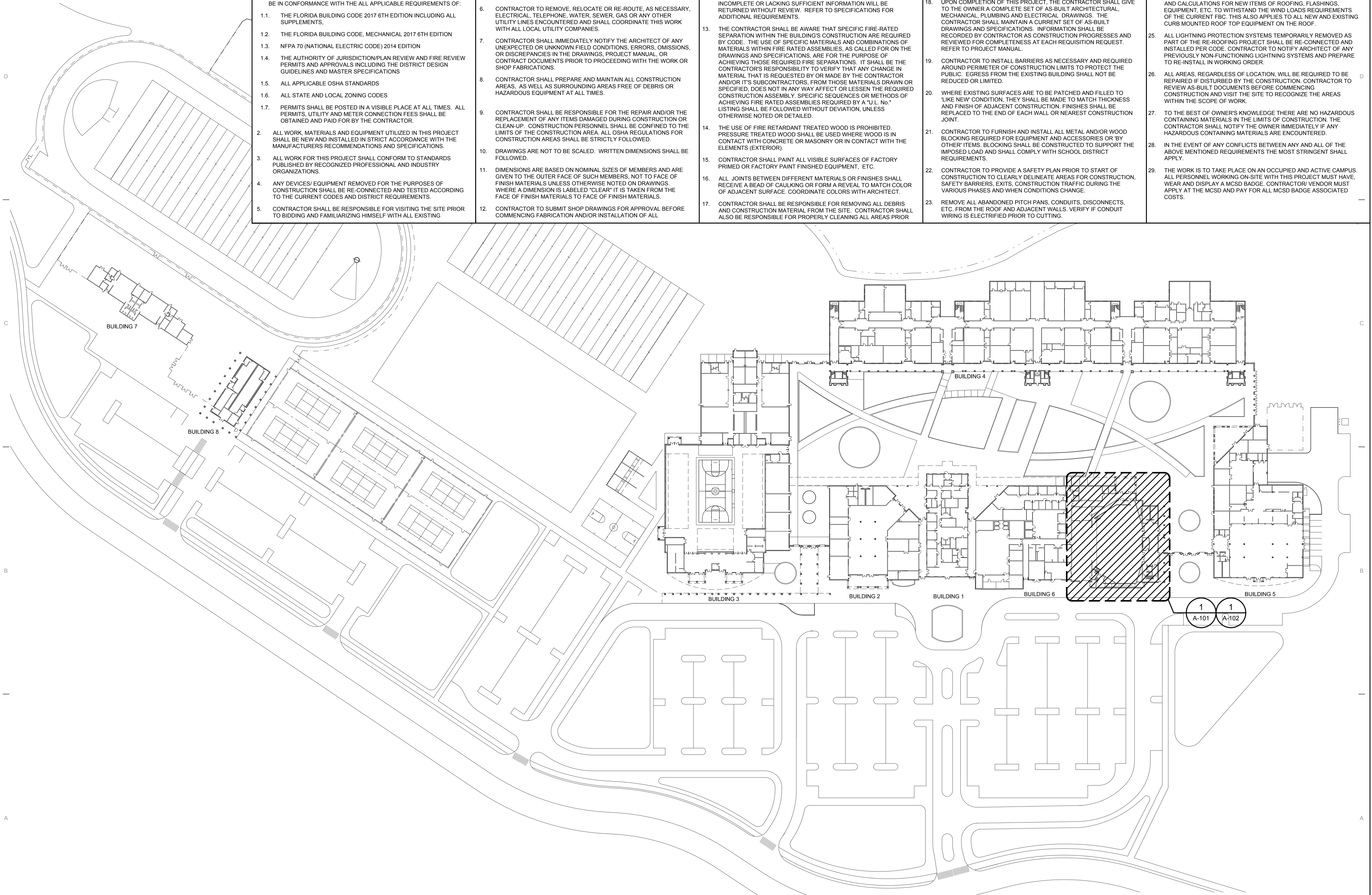
SHEET NO.	TITLE	ORIGINAL DATE	REVISION NO.	LATEST REVISION DATE
ARCHITECTURAL				
G-001	COVER SHEET & INDEX	02/22/19		
G-002	SPECIFICATIONS	02/22/19		
G-003	SPECIFICATIONS	02/22/19		
A-100	OVERALL SITE PLAN	02/22/19		
A-101	PARTIAL ROOF DEMOLITION PLAN	02/22/19		
A-102	PARTIAL ROOF PLAN & DETAILS	02/22/19		
STRUCTURAL				
S01	GENERAL NOTES & SPECIFICATIONS	02/22/19		

Revisions	
No.	Note



GENERAL NOTES

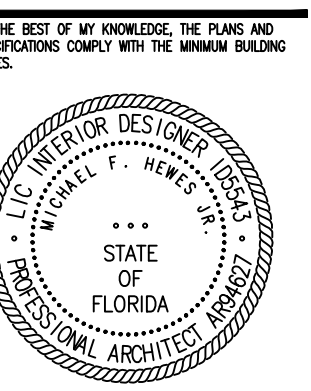
1. ALL CONSTRUCTION SHALL COMPLY WITH SREF 2014, THE FLORIDA BUILDING CODE 6TH EDITION (2017) (WITH ALL APPLICABLE REVISIONS), FLA. FIRE PREVENTION CODE 6TH EDITION. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE ALL APPLICABLE REQUIREMENTS OF:
 - 1.1. THE FLORIDA BUILDING CODE 2017 6TH EDITION INCLUDING ALL SUPPLEMENTS.
 - 1.2. THE FLORIDA BUILDING CODE, MECHANICAL 2017 6TH EDITION
 - 1.3. NFPA 70 (NATIONAL ELECTRIC CODE) 2014 EDITION
 - 1.4. THE AUTHORITY OF JURISDICTION PLAN REVIEW AND FIRE REVIEW PERMITS AND APPROVALS INCLUDING THE DISTRICT DESIGN GUIDELINES AND MASTER SPECIFICATIONS
 - 1.5. ALL APPLICABLE OSHA STANDARDS
 - 1.6. ALL STATE AND LOCAL ZONING CODES
 - 1.7. PERMITS SHALL BE POSTED IN A VISIBLE PLACE AT ALL TIMES. ALL PERMITS, UTILITY AND METER CONNECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR.
2. ALL WORK, MATERIALS AND EQUIPMENT UTILIZED IN THIS PROJECT SHALL BE NEW AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS.
3. ALL WORK FOR THIS PROJECT SHALL CONFORM TO STANDARDS PUBLISHED BY RECOGNIZED PROFESSIONAL AND INDUSTRY ORGANIZATIONS.
4. ANY DEVICES/ EQUIPMENT REMOVED FOR THE PURPOSES OF CONSTRUCTION SHALL BE RE-CONNECTED AND TESTED ACCORDING TO THE CURRENT CODES AND DISTRICT REQUIREMENTS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BIDDING AND FAMILIARIZING HIMSELF WITH ALL EXISTING CONDITIONS AFFECTING THE WORK, INCLUDING BUT NOT LIMITED TO PRIVATE AND PUBLIC UTILITIES, ON AND OFF SITE, ACCESS ROADS AND OTHER SUPPORT FACILITIES.
6. CONTRACTOR TO REMOVE, RELOCATE OR RE-ROUTE, AS NECESSARY, ELECTRICAL, TELEPHONE, WATER, SEWER, GAS OR ANY OTHER UTILITY LINES ENCOUNTERED AND SHALL COORDINATE THIS WORK WITH ALL LOCAL UTILITY COMPANIES.
7. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY UNEXPECTED OR UNKNOWN FIELD CONDITIONS, ERRORS, OMISSIONS, OR DISCREPANCIES IN THE DRAWINGS, PROJECT MANUAL, OR CONTRACT DOCUMENTS PRIOR TO PROCEEDING WITH THE WORK OR SHOP FABRICATIONS.
8. CONTRACTOR SHALL PREPARE AND MAINTAIN ALL CONSTRUCTION AREAS, AS WELL AS SURROUNDING AREAS FREE OF DEBRIS OR HAZARDOUS EQUIPMENT AT ALL TIMES.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR THE REPLACEMENT OF ANY ITEMS DAMAGED DURING CONSTRUCTION OR CLEAN-UP. CONSTRUCTION PERSONNEL SHALL BE CONFINED TO THE LIMITS OF THE CONSTRUCTION AREA. ALL OSHA REGULATIONS FOR CONSTRUCTION AREAS SHALL BE STRICTLY FOLLOWED.
10. DRAWINGS ARE NOT TO BE SCALED. WRITTEN DIMENSIONS SHALL BE FOLLOWED.
11. DIMENSIONS ARE BASED ON NOMINAL SIZES OF MEMBERS AND ARE GIVEN TO THE OUTER FACE OF SUCH MEMBERS, NOT TO FACE OF FINISH MATERIALS UNLESS OTHERWISE NOTED ON DRAWINGS. WHERE A DIMENSION IS LABELED "CLEAR" IT IS TAKEN FROM THE FACE OF FINISH MATERIALS TO FACE OF FINISH MATERIALS.
12. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BEFORE COMMENCING FABRICATION AND/OR INSTALLATION OF ALL APPLICABLE ITEMS FOR CONSTRUCTION. ALL SHOP DRAWINGS DIMENSIONS SHALL BE FIELD VERIFIED, REVIEWED AND APPROVED BY CONTRACTOR BEFORE SUBMITTAL. SHOP DRAWINGS WHICH ARE INCOMPLETE OR LACKING SUFFICIENT INFORMATION WILL BE RETURNED WITHOUT REVIEW. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
13. THE CONTRACTOR SHALL BE AWARE THAT SPECIFIC FIRE-RATED SEPARATION WITHIN THE BUILDING'S CONSTRUCTION ARE REQUIRED BY CODE. THE USE OF SPECIFIC MATERIALS AND COMBINATIONS OF MATERIALS WITHIN FIRE RATED ASSEMBLIES, AS CALLED FOR ON THE DRAWINGS AND SPECIFICATIONS, ARE FOR THE PURPOSE OF ACHIEVING THOSE REQUIRED FIRE SEPARATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ANY CHANGE IN MATERIAL THAT IS REQUESTED BY OR MADE BY THE CONTRACTOR AND/OR IT'S SUBCONTRACTORS, FROM THOSE MATERIALS DRAWN OR SPECIFIED, DOES NOT IN ANY WAY AFFECT OR LESSEN THE REQUIRED CONSTRUCTION ASSEMBLY. SPECIFIC SEQUENCES OR METHODS OF ACHIEVING FIRE RATED ASSEMBLIES REQUIRED BY A "U.L. No." LISTING SHALL BE FOLLOWED WITHOUT DEVIATION, UNLESS OTHERWISE NOTED OR DETAILED.
14. THE USE OF FIRE RETARDANT TREATED WOOD IS PROHIBITED. PRESSURE TREATED WOOD SHALL BE USED WHERE WOOD IS IN CONTACT WITH CONCRETE OR MASONRY OR IN CONTACT WITH THE ELEMENTS (EXTERIOR).
15. CONTRACTOR SHALL PAINT ALL VISIBLE SURFACES OF FACTORY PRIMED OR FACTORY PAINT FINISHED EQUIPMENT, ETC.
16. ALL JOINTS BETWEEN DIFFERENT MATERIALS OR FINISHES SHALL RECEIVE A BEAD OF CAULKING OR FORM A REVEAL TO MATCH COLOR OF ADJACENT SURFACE. COORDINATE COLORS WITH ARCHITECT.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL DEBRIS AND CONSTRUCTION MATERIAL FROM THE SITE. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROPERLY CLEANING ALL AREAS PRIOR TO FINAL ACCEPTANCE BY THE OWNER INCLUDING BUT NOT LIMITED TO WINDOWS, FLOORS, CARPETS, WALLS, DOORS, EQUIPMENT, ETC.
18. UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL GIVE TO THE OWNER A COMPLETE SET OF AS-BUILT ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF AS-BUILT DRAWINGS AND SPECIFICATIONS. INFORMATION SHALL BE RECORDED BY CONTRACTOR AS CONSTRUCTION PROGRESSES AND REVIEWED FOR COMPLETENESS AT EACH REQUISITION REQUEST. REFER TO PROJECT MANUAL.
19. CONTRACTOR TO INSTALL BARRIERS AS NECESSARY AND REQUIRED AROUND PERIMETER OF CONSTRUCTION LIMITS TO PROTECT THE PUBLIC. EGRESS FROM THE EXISTING BUILDING SHALL NOT BE REDUCED OR LIMITED.
20. WHERE EXISTING SURFACES ARE TO BE PATCHED AND FILLED TO 'LIKE NEW' CONDITION, THEY SHALL BE MADE TO MATCH THICKNESS AND FINISH OF ADJACENT CONSTRUCTION. FINISHES SHALL BE REPLACED TO THE END OF EACH WALL OR NEAREST CONSTRUCTION JOINT.
21. CONTRACTOR TO FURNISH AND INSTALL ALL METAL AND/OR WOOD BLOCKING REQUIRED FOR EQUIPMENT AND ACCESSORIES OR 'BY OTHER' ITEMS. BLOCKING SHALL BE CONSTRUCTED TO SUPPORT THE IMPOSED LOAD AND SHALL COMPLY WITH SCHOOL DISTRICT REQUIREMENTS.
22. CONTRACTOR TO PROVIDE A SAFETY PLAN PRIOR TO START OF CONSTRUCTION TO CLEARLY DELINEATE AREAS FOR CONSTRUCTION, SAFETY BARRIERS, EXITS, CONSTRUCTION TRAFFIC DURING THE VARIOUS PHASES AND WHEN CONDITIONS CHANGE.
23. REMOVE ALL ABANDONED PITCH PANS, CONDUITS, DISCONNECTS, ETC. FROM THE ROOF AND ADJACENT WALLS. VERIFY IF CONDUIT WIRING IS ELECTRIFIED PRIOR TO CUTTING.
24. ALL ROOF TOP MOUNTED EQUIPMENT, CURBS, SHEET METAL, ETC. SHALL BE FASTENED IN COMPLIANCE WITH THE REQUIREMENTS OF THE FBC. PROVIDE SIGNED AND SEALED ENGINEERING DRAWINGS AND CALCULATIONS FOR NEW ITEMS OF ROOFING, FLASHINGS, EQUIPMENT, ETC. TO WITHSTAND THE WIND LOADS REQUIREMENTS OF THE CURRENT FBC. THIS ALSO APPLIES TO ALL NEW AND EXISTING CURB MOUNTED ROOF TOP EQUIPMENT ON THE ROOF.
25. ALL LIGHTNING PROTECTION SYSTEMS TEMPORARILY REMOVED AS PART OF THE RE-ROOFING PROJECT SHALL BE RE-CONNECTED AND INSTALLED PER CODE. CONTRACTOR TO NOTIFY ARCHITECT OF ANY PREVIOUSLY NON-FUNCTIONING LIGHTNING SYSTEMS AND PREPARE TO RE-INSTALL IN WORKING ORDER.
26. ALL AREAS, REGARDLESS OF LOCATION, WILL BE REQUIRED TO BE REPAIRED IF DISTURBED BY THE CONSTRUCTION. CONTRACTOR TO REVIEW AS-BUILT DOCUMENTS BEFORE COMMENCING CONSTRUCTION AND VISIT THE SITE TO RECOGNIZE THE AREAS WITHIN THE SCOPE OF WORK.
27. TO THE BEST OF OWNER'S KNOWLEDGE THERE ARE NO HAZARDOUS CONTAINING MATERIALS IN THE LIMITS OF CONSTRUCTION. IF ANY HAZARDOUS CONTAINING MATERIALS ARE ENCOUNTERED.
28. IN THE EVENT OF ANY CONFLICTS BETWEEN ANY AND ALL OF THE ABOVE MENTIONED REQUIREMENTS THE MOST STRINGENT SHALL APPLY.
29. THE WORK IS TO TAKE PLACE ON AN OCCUPIED AND ACTIVE CAMPUS. ALL PERSONNEL WORKING ON-SITE WITH THIS PROJECT MUST HAVE WEAR AND DISPLAY A MCSDBADGE. CONTRACTOR/ VENDOR MUST APPLY AT THE MCSDBADGE AND PAY FOR ALL MCSDBADGE ASSOCIATED COSTS.



1 OVERALL SITE PLAN
SCALE: 1/64" = 1'-0"

Comm. No: 16025,08
Date: 02/22/2019
Drawn: MFH

Revisions	
No.	Date



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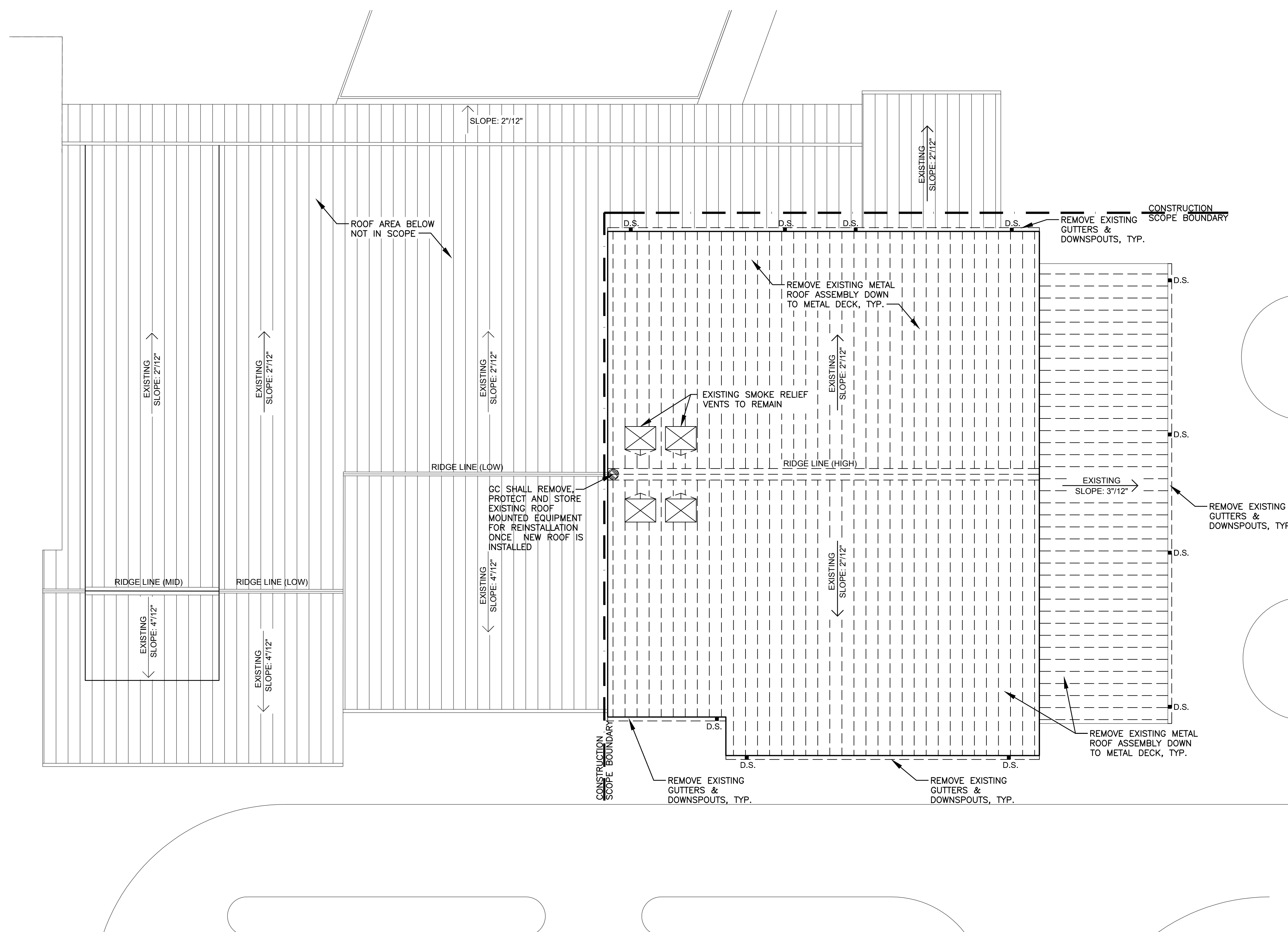
OVERALL SITE PLAN

D

C

B

A



1 PARTIAL ROOF DEMO PLAN
 SCALE: 1/16" = 1'-0"

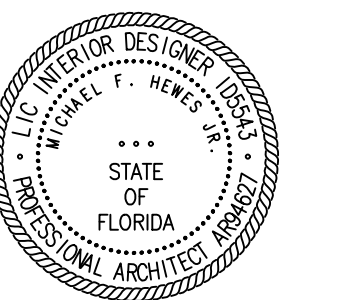
- LEGEND**
- ROOF TO BE DEMOLISHED AND REPLACED
 - EXISTING ROOF TO REMAIN
 - EXISTING ROOF SLOPE DIRECTION
 - D.S. NEW STAINLESS STEEL DOWNSPOUT

- DEMOLITION NOTES**
1. ALL WORK, MATERIALS AND EQUIPMENT UTILIZED IN THIS PROJECT SHALL BE NEW AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS. DRAWINGS ARE NOT TO BE SCALED. WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 2. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY UNEXPECTED OR UNKNOWN FIELD CONDITIONS, ERRORS, OMISSIONS, OR DISCREPANCIES IN THE DRAWINGS, PROJECT MANUAL OR CONTRACT DOCUMENTS PRIOR TO PROCEEDING WITH THE WORK OR SHOP FABRICATIONS.
 3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL BEFORE COMMENCING FABRICATION AND/OR INSTALLATION OF ALL APPLICABLE ITEMS FOR CONSTRUCTION. ALL SHOP DRAWINGS DIMENSIONS SHALL BE FIELD VERIFIED, REVIEWED AND APPROVED BY CONTRACTOR BEFORE SUBMITTAL.
 4. REMOVE EXISTING METAL ROOF PANELS AND PREPARE EXISTING STRUCTURE AS REQUIRED FOR THE INSTALLATION OF NEW METAL ROOF SYSTEM AT A MINIMUM SLOPE OF 1/4" PER FOOT.
 5. NEW METAL ROOF ASSEMBLY SHALL MATCH EXISTING IN COLOR AND PROFILE.
 6. INSTALL NEW STAINLESS STEEL GUTTERS AND DOWNSPOUTS IN SIMILAR LOCATION. MATCH PROFILES AND SIZES AND RECONNECT TO UNDERGROUND UTILITIES AS REQUIRED.
 7. CONTRACTOR SHALL PROVIDE NEW SPLASH BLOCKS TO REPLACE EXISTING (IF REQUIRED).
 8. REPAIR DAMAGED FLASHING AS REQUIRED.
 9. CLEAN AND REPAINT EXISTING ROOF SMOKE RELIEF VENTS TO REMAIN. PROVIDE NEW ROOF CRICKETS ON HIGH SIDE TO PROVIDE POSITIVE DRAINAGE.
 10. CONTRACTOR SHALL CAREFULLY REMOVE AND REINSTALL IDENTIFIED ROOF MOUNTED EQUIPMENT.

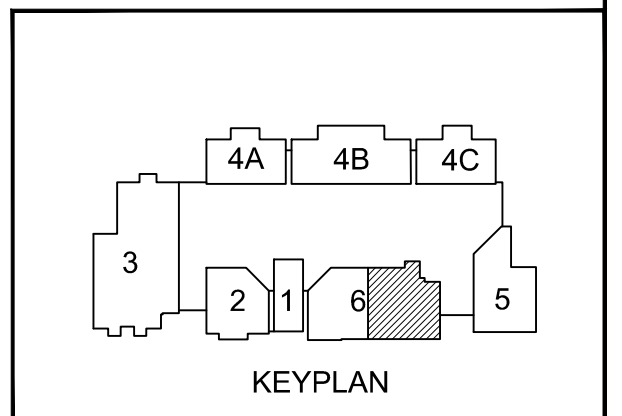
- GENERAL NOTES**
1. DEMOLITION KEYNOTES - REFER TO DEMOLITION KEYNOTES FOR SPECIFIC DEMOLITION REQUIREMENTS. SPECIFIC DEMOLITION ITEMS ARE NOT TO BE CONSIDERED ALL INCLUSIVE OR COMPLETE IN THEMSELVES. PERFORM ADDITIONAL DEMOLITION THAT MIGHT REASONABLY BE REQUIRED FOR THE PREPARATION OF INSTALLATION OF NEW CONSTRUCTION OR SPECIFIED FINISHES. DEMOLITION SHALL BE PERFORMED IN A MANNER THAT WILL NOT DAMAGE ADJOINING SURFACES INDICATED TO REMAIN. SURFACES SHALL BE PATCHED IF NECESSARY TO PROVIDE A SUITABLE SUBSTRATE FOR NEW FINISHES.
 2. SITE VISIT - PRIOR TO BIDDING, THE CONTRACTOR SHALL VISIT THE FACILITY AND THOROUGHLY FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS. NO CLAIMS FOR ADDITIONAL WORK DUE TO REASONABLY INFERRED OBSERVABLE CONDITIONS WILL BE CONSIDERED.
 3. SCHEDULING - SCHEDULE DEMOLITION WORK WITH OWNER'S PROJECT MANAGER PRIOR TO START OF WORK TO MAXIMIZE PRODUCTIVITY.
 4. PROTECTION - EXERCISE CARE DURING WORK TO PROTECT INTERIOR AND EXTERIOR EXISTING CONSTRUCTION TO REMAIN. REPAIR TO EXISTING CONSTRUCTION DUE TO DAMAGE SHALL BE DONE AT NO COST TO THE OWNER.
 5. HAZARDOUS MATERIALS - THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY HAZARDOUS OR TOXIC MATERIALS DISCOVERED TO ARCHITECT, OWNER AND AUTHORITIES HAVING JURISDICTION.
 6. CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF WORK OF OTHER TRADES SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
 7. THE WORK IS TO TAKE PLACE ON AN OCCUPIED AND ACTIVE CAMPUS. ALL PERSONNEL WORKING ON-SITE WITH THIS PROJECT MUST HAVE WEAR AND DISPLAY A MCSD BADGE. CONTRACTOR/ VENDOR MUST APPLY AT THE MCSD AND PAY FOR ALL MCSD BADGE ASSOCIATED COSTS.
 8. NEW STANDING SEAM METAL ROOF BASIS OF DESIGN IS MERCHANT & EVANS, INC. ZIP-LOK 2" x 18" WIDE ALUMINUM PANELS 0.032" THICK. FINISH TO MATCH EXISTING ADJACENT PANELS. FLORIDA PRODUCT APPROVAL #16111.4
 9. GENERAL CONTRACTOR SHALL PROVIDE AN ICE & WATER SHIELD IN THE ROOF REPLACEMENT ASSEMBLY.

Comm. No: 16025.08
 Date: 02/22/2019
 Drawn: MFH

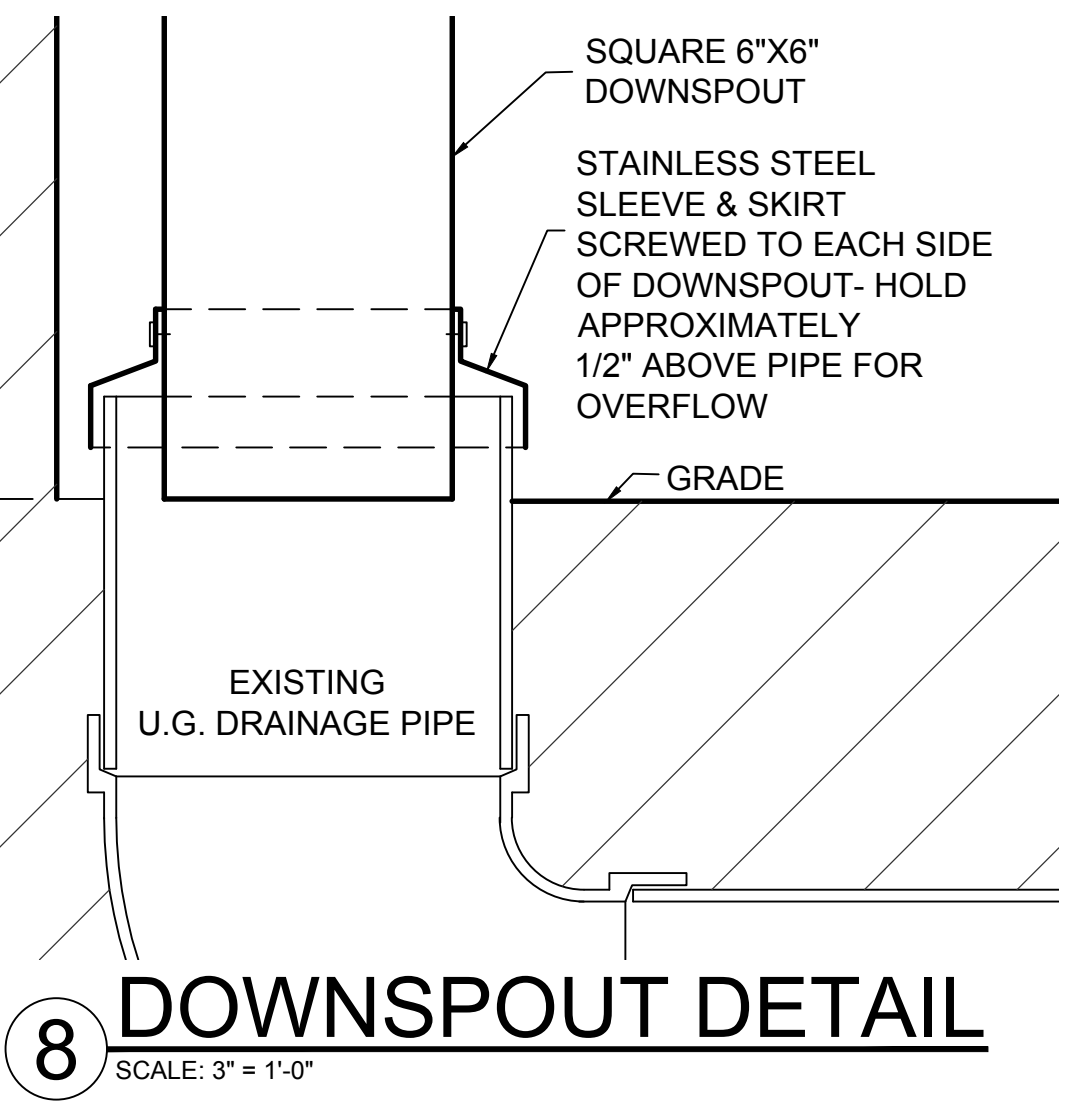
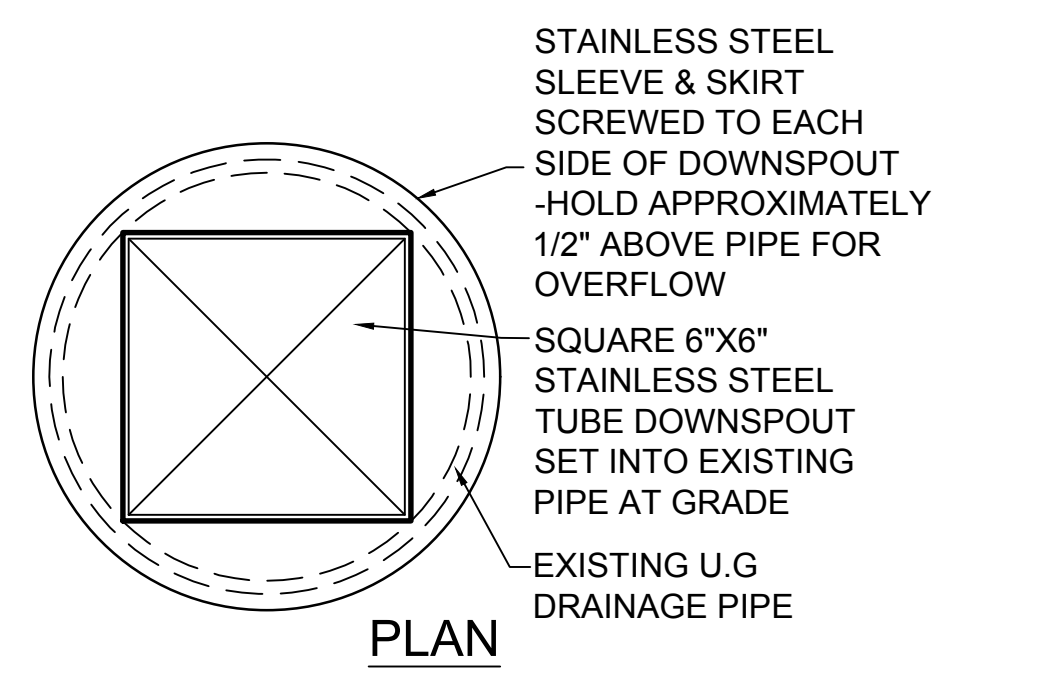
Revisions		
No.	Date	Note



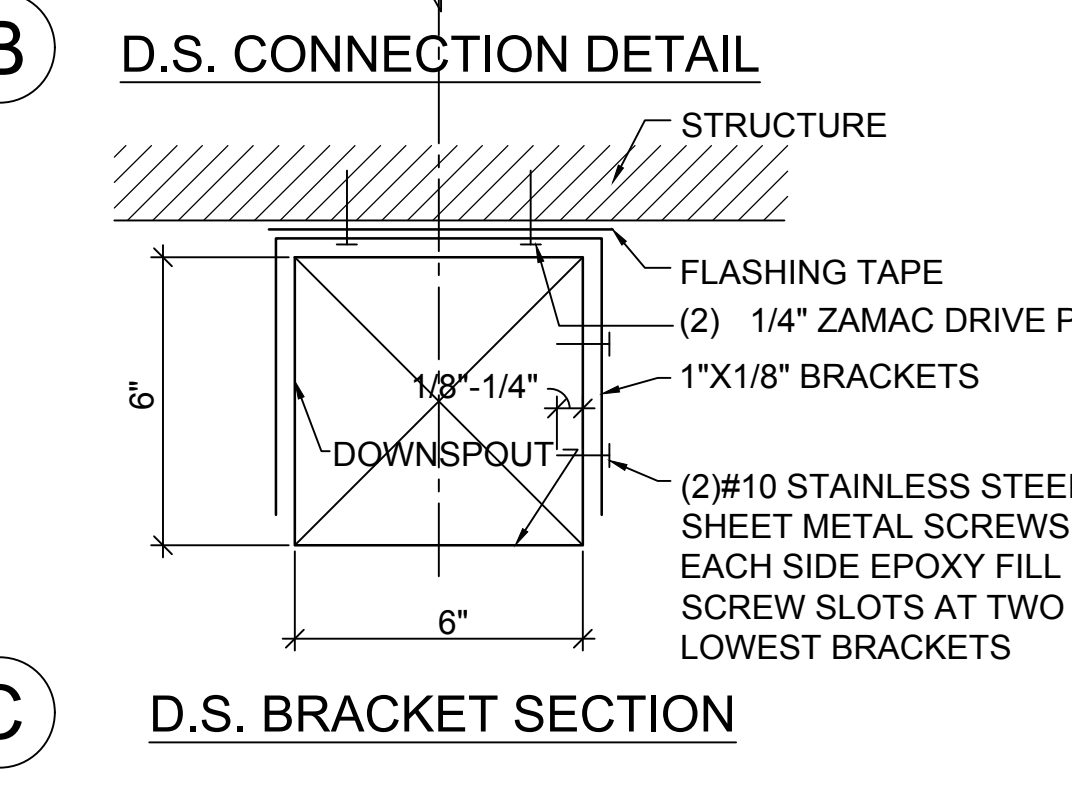
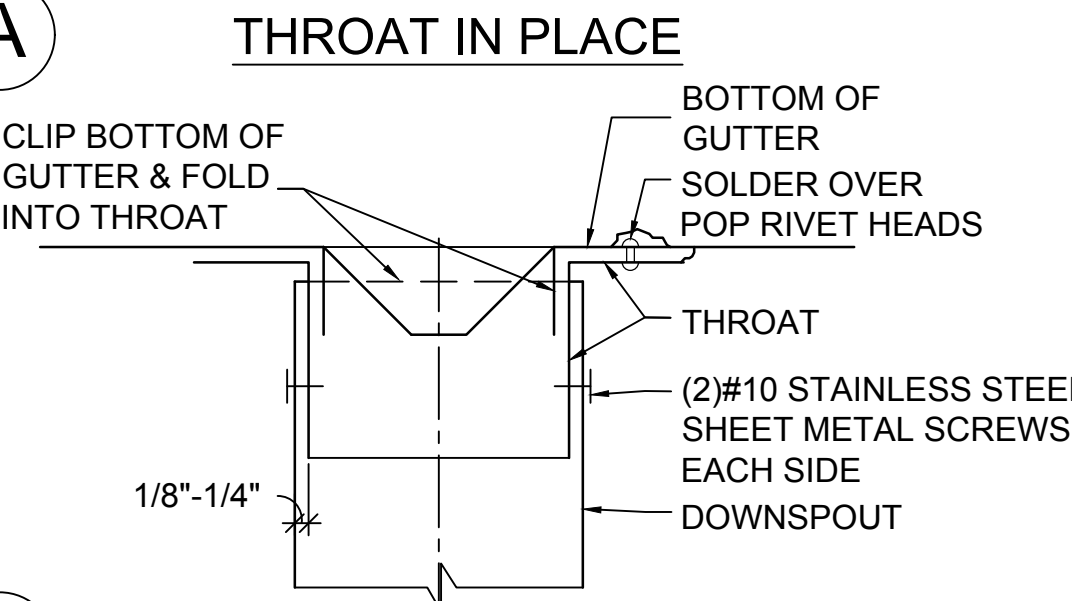
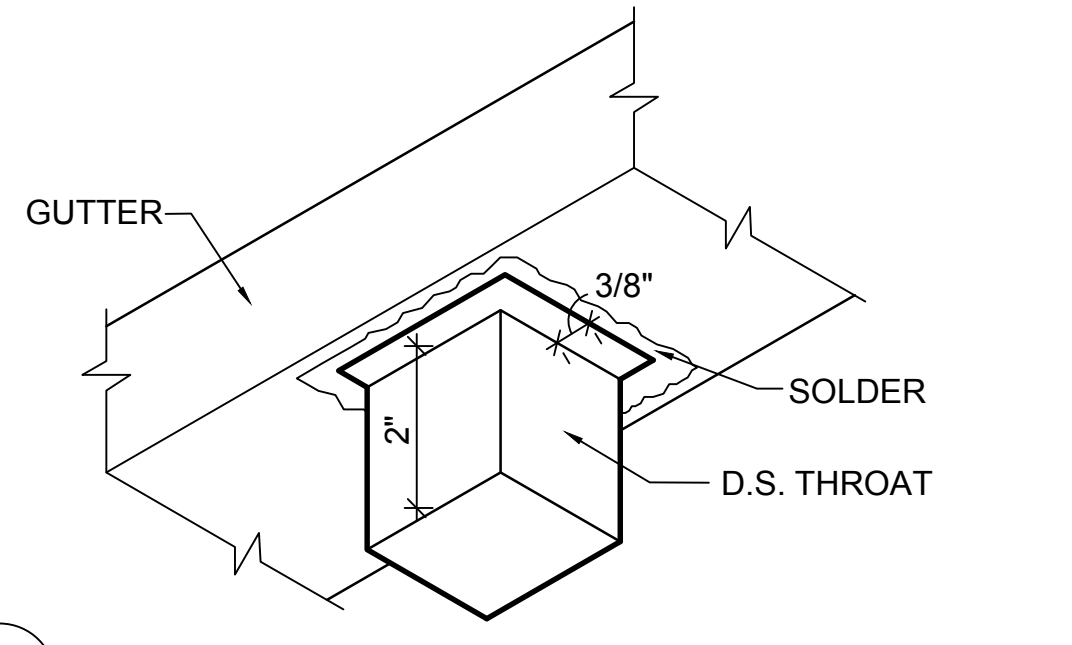
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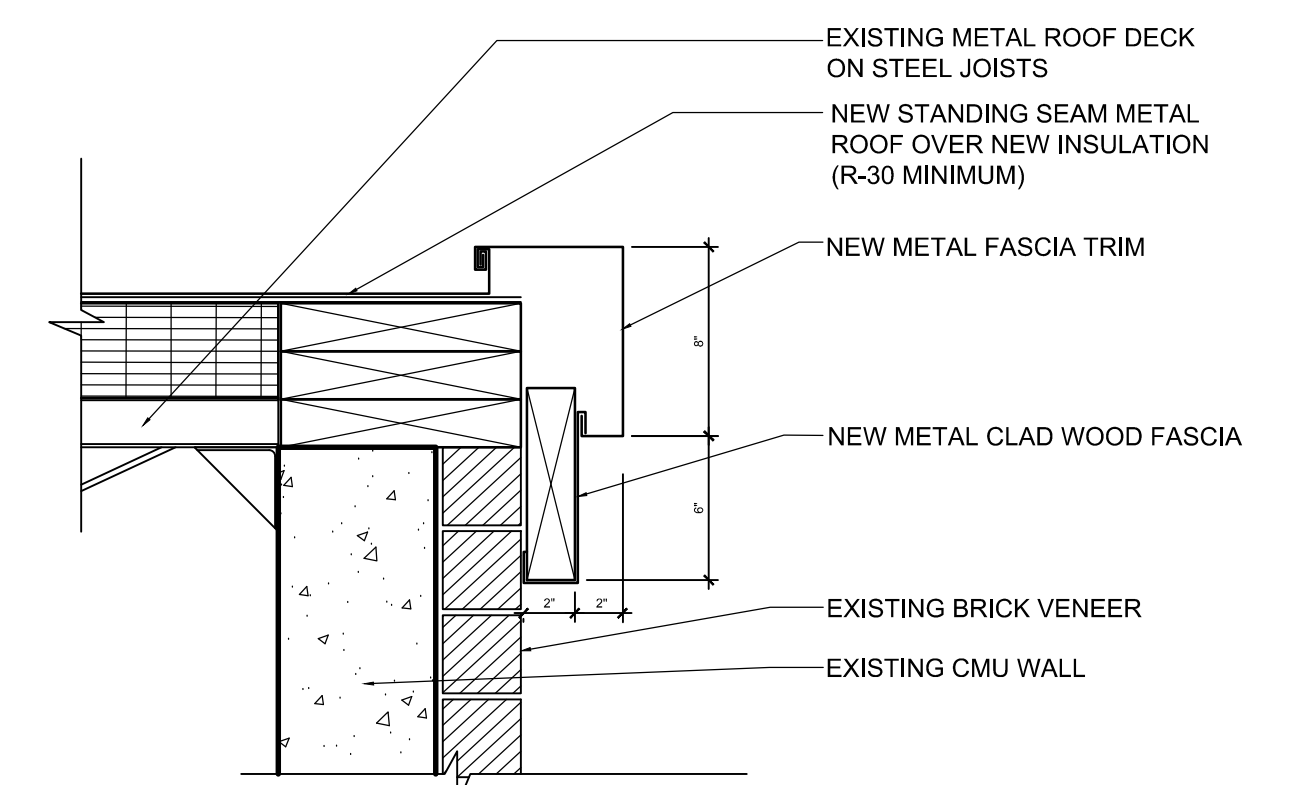
DEMOLITION ROOF PLAN



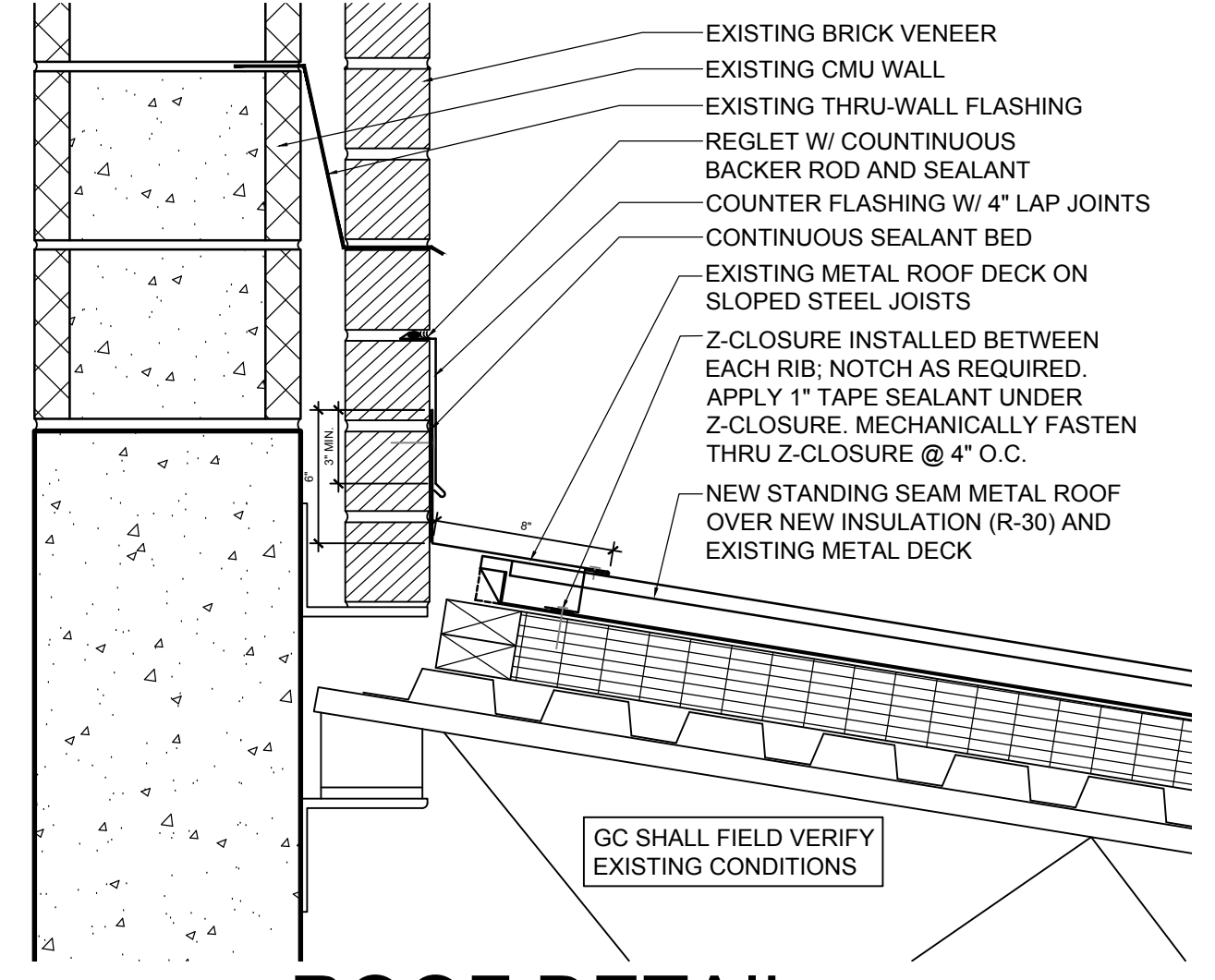
8 DOWNSPOUT DETAIL
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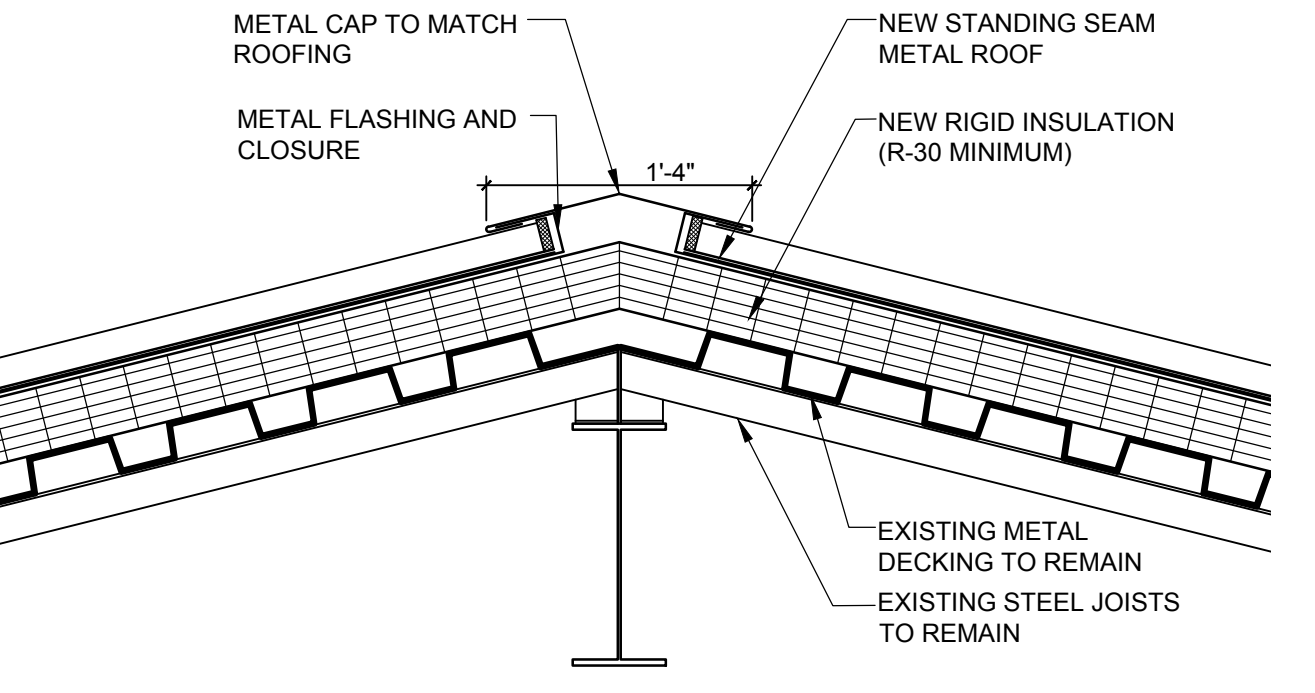
7 DOWNSPOUT DETAIL
SCALE: 3" = 1'-0"



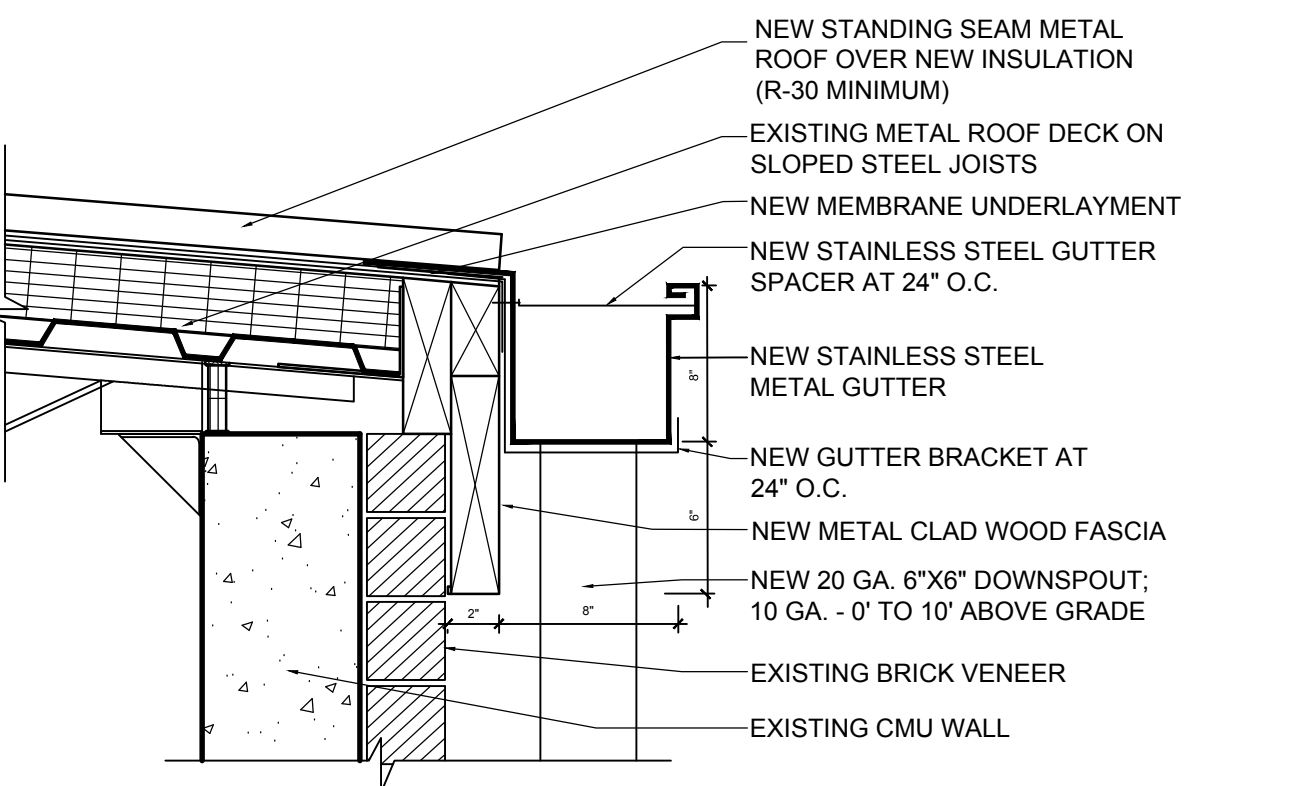
6 ROOF DETAIL
SCALE: 1-1/2" = 1'-0"



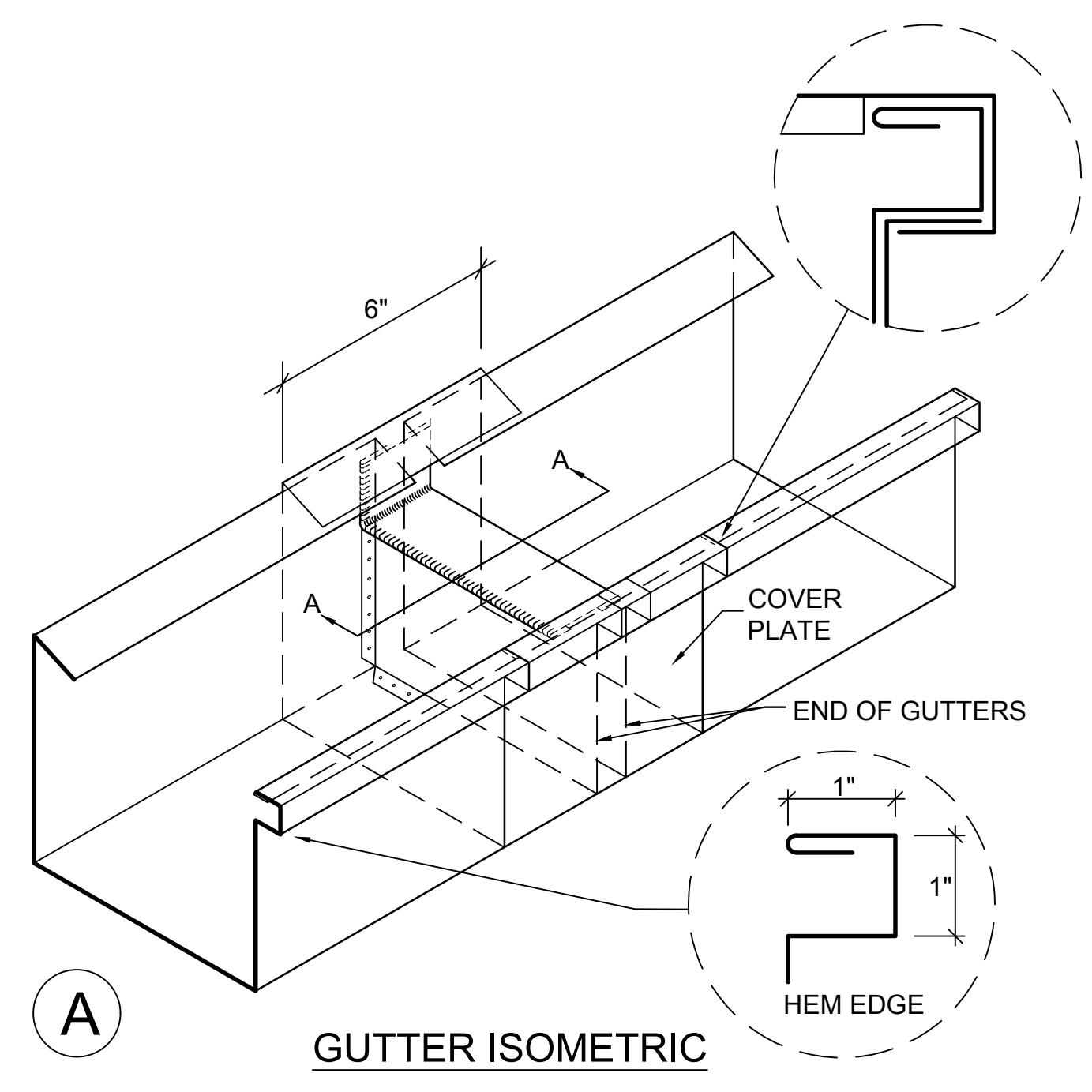
5 ROOF DETAIL
SCALE: 1-1/2" = 1'-0"



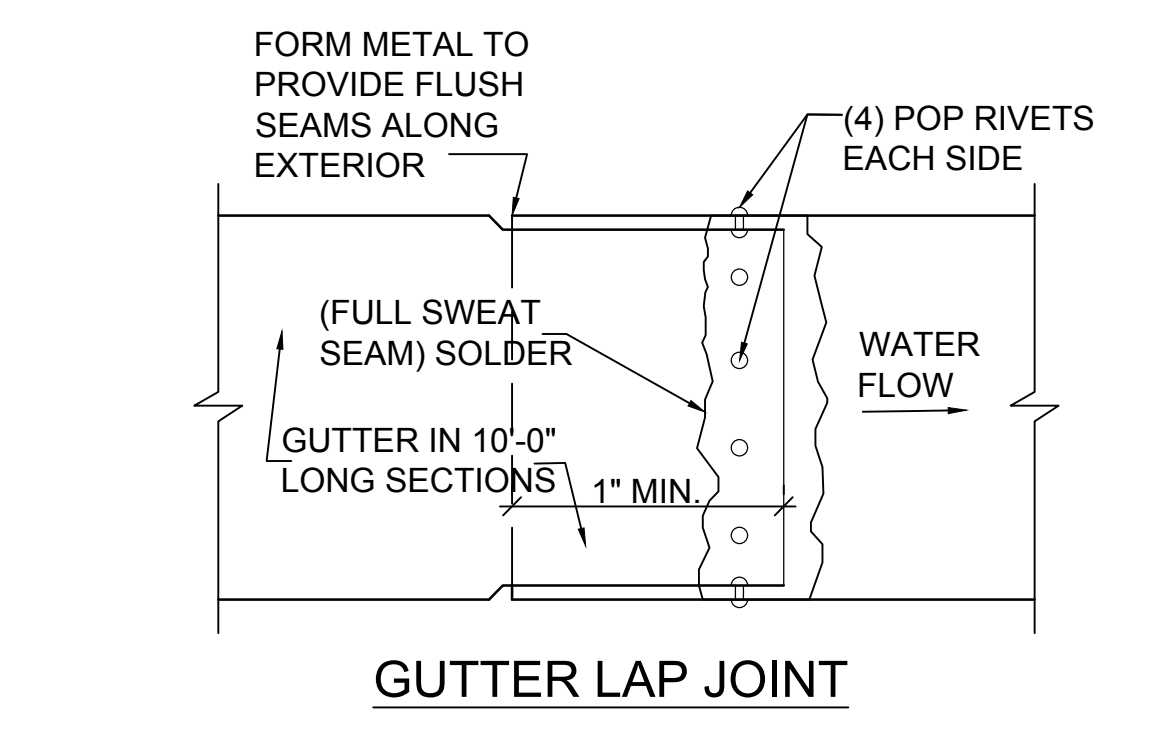
4 RIDGE CAP FLASHING
SCALE: 1-1/2" = 1'-0"



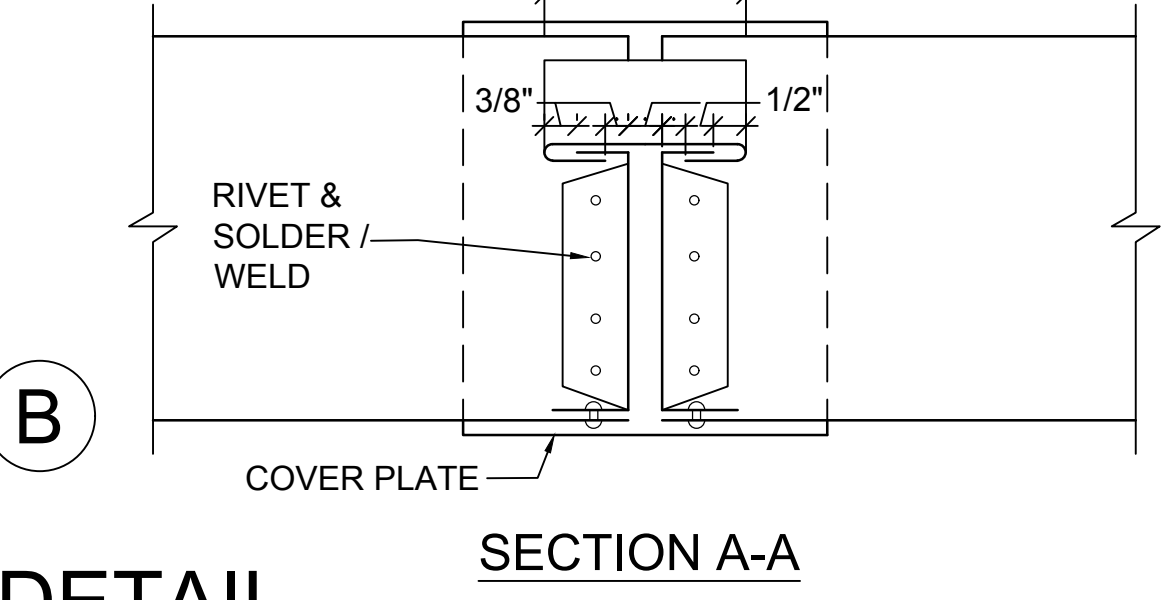
3 GUTTER DETAIL
SCALE: 1-1/2" = 1'-0"



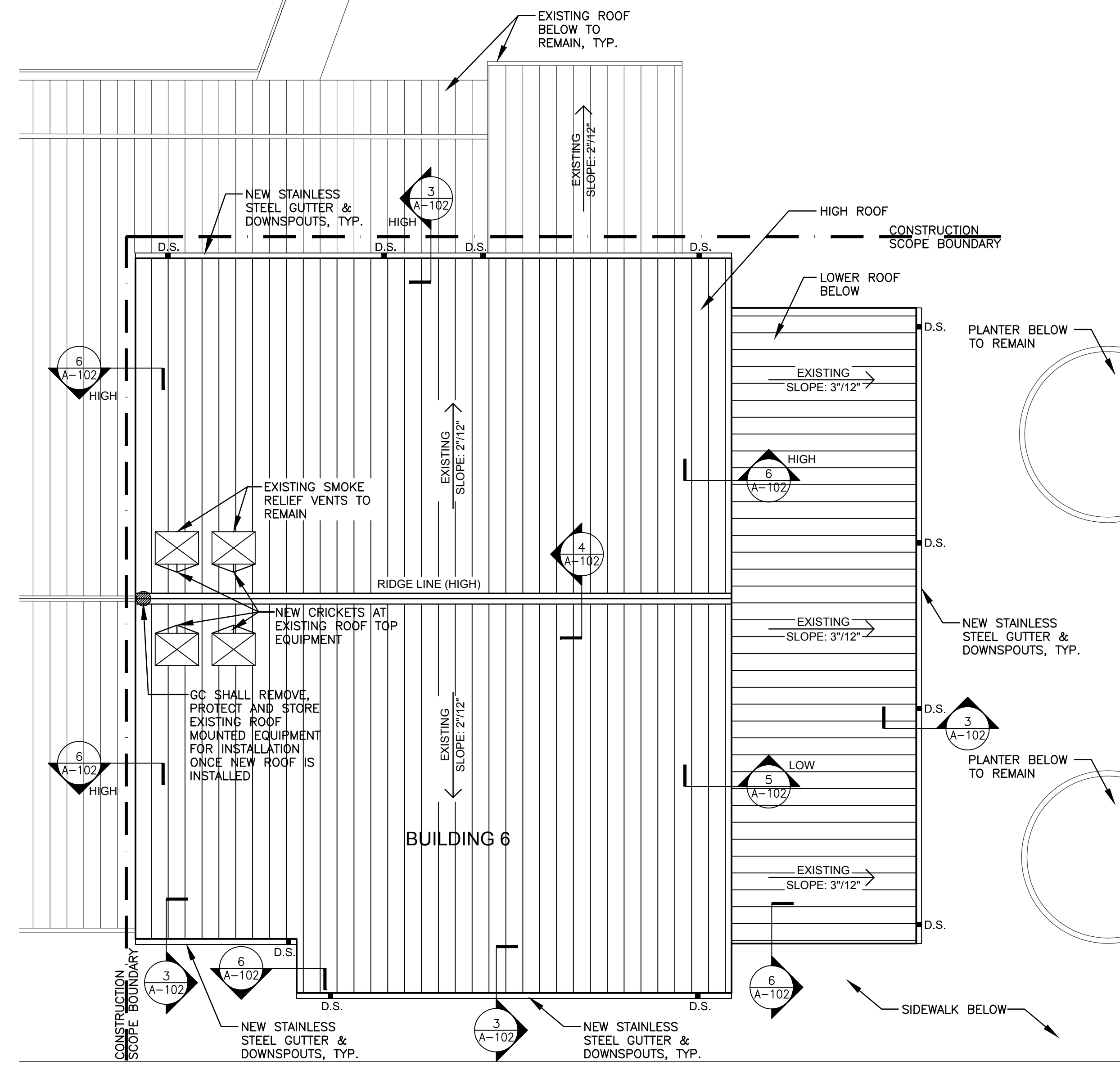
2 GUTTER DETAIL
SCALE: 3" = 1'-0"



GUTTER LAP JOINT



SECTION A-A



1 PARTIAL ROOF PLAN
SCALE: 1/16" = 1'-0"

LEGEND

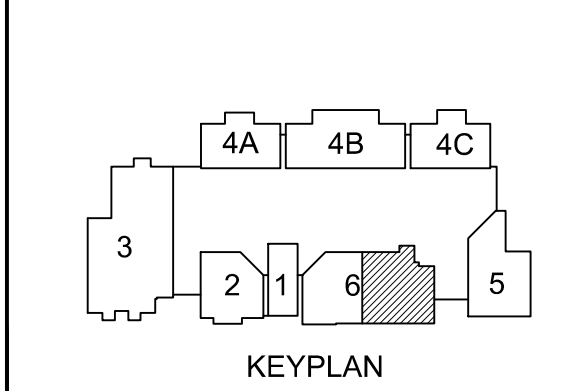
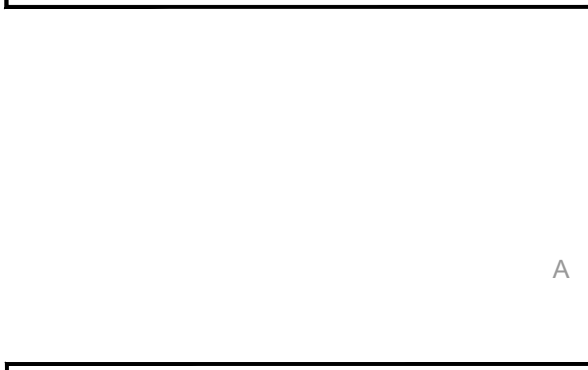
- [Hatched Box] ROOF TO BE DEMOLISHED AND REPLACED
- [Dotted Box] EXISTING ROOF TO REMAIN
- [Arrow] EXISTING ROOF SLOPE DIRECTION
- [Star] D.S. NEW STAINLESS STEEL DOWNSPOUT

DEMOLITION NOTES

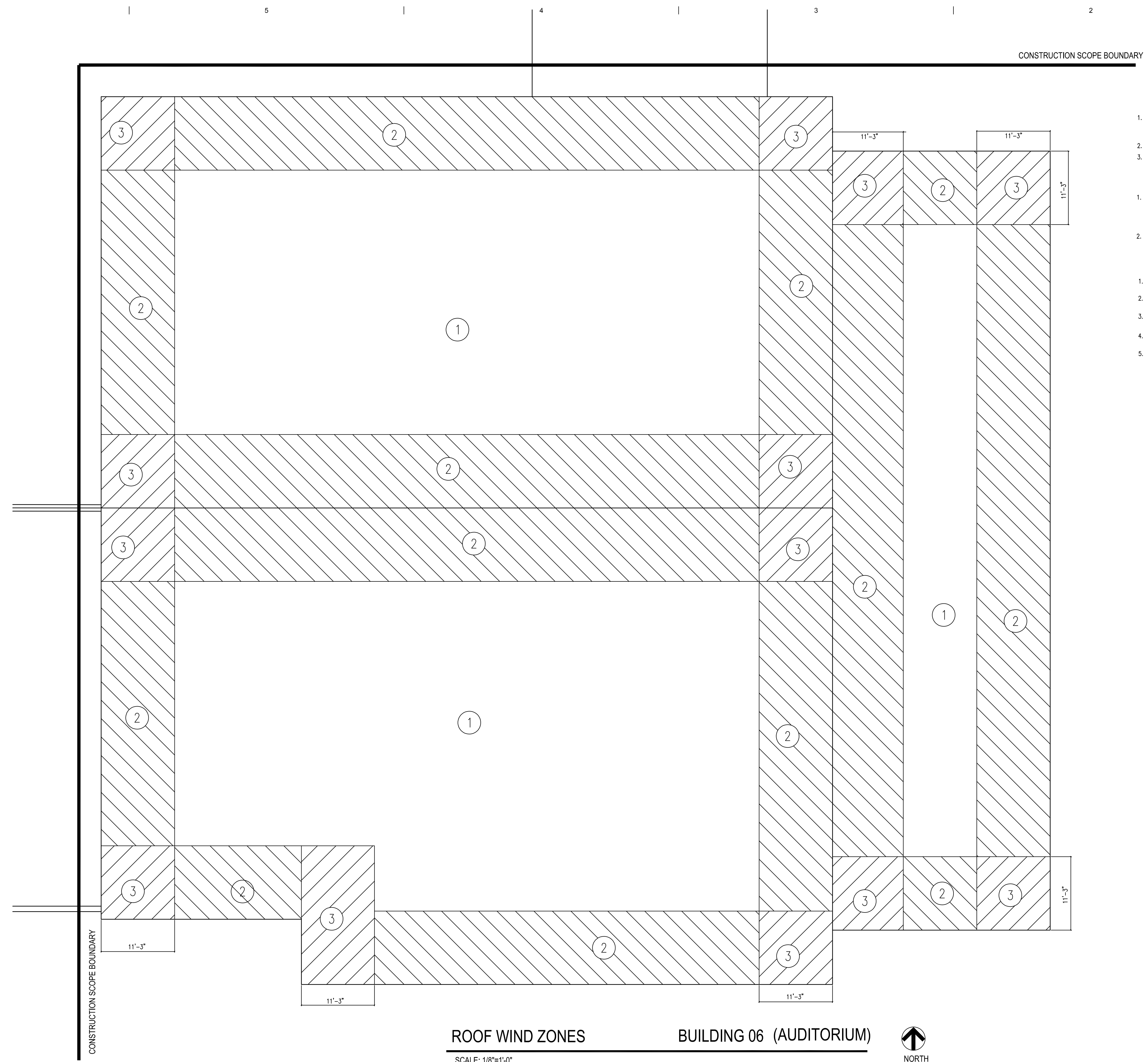
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4. REMOVE EXISTING METAL ROOF PANELS AND PREPARE EXISTING STRUCTURE AS REQUIRED FOR THE INSTALLATION OF NEW METAL ROOF SYSTEM AT A MINIMUM SLOPE OF 1/4" PER FOOT.
5. NEW METAL ROOF ASSEMBLY SHALL MATCH EXISTING IN COLOR AND PROFILE.
6. INSTALL NEW STAINLESS STEEL GUTTERS AND DOWNSPOUTS IN SIMILAR LOCATION. MATCH PROFILES AND SIZES AND RECONNECT TO UNDERGROUND UTILITIES AS REQUIRED.
7. CONTRACTOR SHALL PROVIDE NEW SPLASH BLOCKS TO REPLACE EXISTING (IF REQUIRED).
8. REPAIR DAMAGED FLASHING AS REQUIRED. CLEAN AND REPAINT EXISTING ROOF SMOKE RELIEF VENTS TO REMAIN. PROVIDE NEW ROOF CRICKETS ON HIGH SIDE TO PROVIDE POSITIVE DRAINAGE.
9. CONTRACTOR SHALL CAREFULLY REMOVE AND REINSTALL IDENTIFIED ROOF MOUNTED EQUIPMENT.

GENERAL NOTES

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3. SCHEDULING - SCHEDULE DEMOLITION WORK WITH OWNER'S PROJECT MANAGER PRIOR TO START OF WORK TO MAXIMIZE PRODUCTIVITY. PROTECTION - EXERCISE CARE DURING WORK TO PROTECT INTERIOR AND EXTERIOR EXISTING CONSTRUCTION TO REMAIN. REPAIR TO EXISTING CONSTRUCTION DUE TO DAMAGE SHALL BE DONE AT NO COST TO THE OWNER. HAZARDOUS MATERIALS - THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY HAZARDOUS OR TOXIC MATERIALS DISCOVERED TO ARCHITECT, OWNER AND AUTHORITIES HAVING JURISDICTION.
4. CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF WORK OF OTHER TRADES SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
5. THE WORK IS TO TAKE PLACE ON AN OCCUPIED AND ACTIVE CAMPUS. ALL PERSONNEL WORKING ON-SITE WITH THIS PROJECT MUST HAVE, WEAR AND DISPLAY A MCSD BADGE. CONTRACTOR/ VENDOR MUST APPLY AT THE MCSD AND PAY FOR ALL MCSD BADGE ASSOCIATED COSTS.
6. NEW STANDING SEAM METAL ROOF BASIS OF DESIGN IS MERCHANT & EVANS, INC. ZIP-LOK 2" x 18" WIDE ALUMINUM PANELS 0.032" THICK; FINISH TO MATCH EXISTING ADJACENT PANELS. FLORIDA PRODUCT APPROVAL #16111.4
7. GENERAL CONTRACTOR SHALL PROVIDE AN ICE & WATER SHIELD IN THE ROOF REPLACEMENT ASSEMBLY.



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ROOF WIND ZONES **BUILDING 06 (AUDITORIUM)**
 SCALE: 1/8"=1'-0"

GENERAL STRUCTURAL NOTES

- GENERAL**
- The Structural Drawings shall be read in conjunction with the other Contract Documents which include, but are not limited to, Architectural, Site, Civil, Electrical and Mechanical Drawings, and the Specifications. Report any discrepancies between Contract Documents to the Architect before proceeding.
 - These general notes are to be read in conjunction with the notes on other structural drawings.
 - All work shall be in accordance with the 2017 Florida Building Code, FBC. All referenced standards and codes shall be as listed in the Florida Building Code 2017.

- COORDINATION WITH OTHER TRADES**
- Where new work is to be fitted to old work, the Contractor shall check all dimensions and conditions in the field, and report any errors or discrepancies to the Structural Engineer prior to the fabrication and erection of any new members. The contractor has the responsibility for the correctness and fit of the new parts to the old part.
 - The Contractor shall coordinate and check all dimensions relating to architectural finishes, structural framing, mechanical openings, equipment, etc. The Structural Engineer and Architect shall be notified of any discrepancies before proceeding with work in any area under question.

- STEEL DECK REPLACEMENT**
- Provide and erect steel roof deck in accordance with the latest Steel Deck Institute's specifications and the deck manufacturer's specifications.
 - Steel deck shall be galvanized in accordance with ASTM 525, Class G90. All abrasions shall be touched up after erection is complete.
 - The deck shall be 18 gauge, wide rib deck to match the existing deck profile. Suspended ceilings, light fixtures, ducts, and other mechanical or electrical fixtures are not to be supported by roof deck.
 - Fix the deck to the joists with 7-5/8" puddle welds per 36" wide sheet. Provide 7-#10 TEK screws side lap fasteners per sheet. Field point welds to roof deck after erection.
 - The roof deck shall be vented unless the deck manufacturer provides information that indicates that an un-vented deck provided may be used with cellular concrete insulation.

DESIGN CRITERIA
 DESIGN LOADING PER FBC 2017, WIND LOADS PER ASCE 7-10

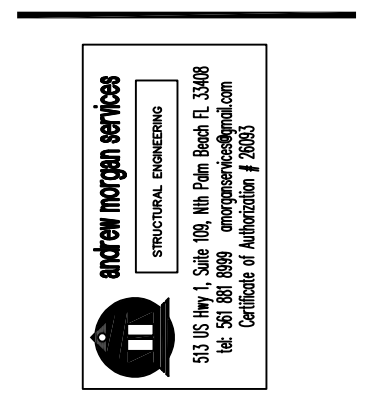
ROOF LIVE LOAD = 20 PSF
 ROOF DEAD LOAD = 20 PSF
 ULTIMATE WIND SPEED = 180 MPH (139 MPH ASD)
 RISK CATEGORY III BUILDING ENCLOSED
 WIND EXPOSURE C MEAN ROOF HEIGHT = 34 FT
 WIND DIRECTIONALITY FACTOR $K_d = 0.85$
 INTERNAL PRESSURE COEFFICIENT = +/- 0.18
 ULTIMATE WIND PRESSURE = 69 PSF.
 ROOF SLOPE < 27 DEGREES
 WIND ZONE WIDTH $\alpha = 11'-3"$

AREA	ZONE	PRESSURE psf	TRIBUTARY AREA 10 SQ. FT.	
			ULTIMATE LOADS	ASD LOADS
MAIN ROOF	1,2&3	PRESSURE psf	46	27
	1	SUCTION psf	-72	-43
	2	SUCTION psf	-126	-76
OVERHANG	3	SUCTION psf	-186	-112
	2	SUCTION psf	-159	-96
	3	SUCTION psf	-260	-156

TABLE 1: GROSS ROOF CLADDING LOADS

LEGEND

- ZONE 1
- ZONE 2
- ZONE 3



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TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES.

ANDREW MORGAN
 PE 57171
 HARVARD JOLLY, INC.

