

**LeMessurier.**

1 MADISON ST., FLOOR 2  
SOUTH PORTLAND MAINE, 04106  
PHONE: 207.400.0086

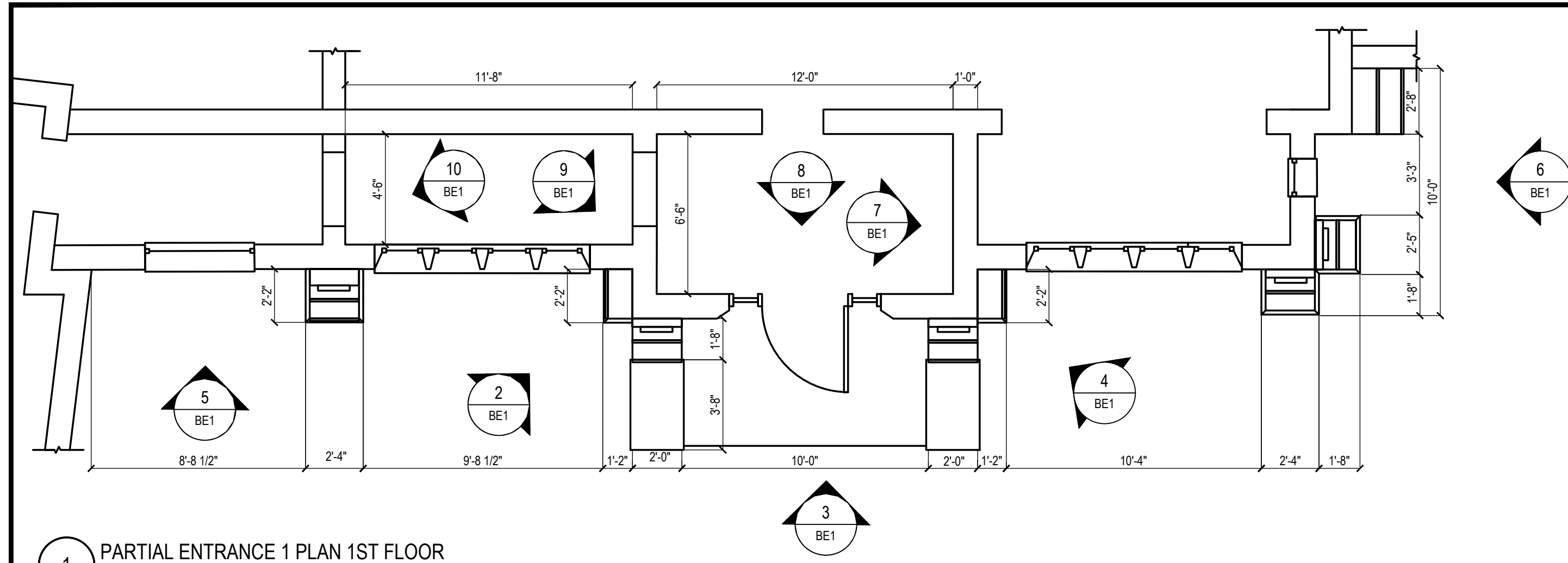
# MAINE CRIMINAL JUSTICE ACADEMY MASONRY RESTORATION CONNECTORS AND ENTRANCES

GENERAL SYMBOL LEGEND	LOCATION	GENERAL NOTES	DRAWING NUMBER	DRAWING TITLE	SUBMISSION
<p>01 NOTE TAG</p> <p>SECTION/ DETAIL</p> <p>DETAIL TAG</p> <p>ELEVATION ELEVATION DATUM</p> <p>ENLARGED DETAIL</p> <p>E.T.R. EXISTING TO REMAIN N.I.C. NOT IN CONTRACT V.I.F. VERIFY IN FIELD</p>	<p>TRUE NORTH</p> <p>MAINE CRIMINAL JUSTICE ACADEMY</p>	<p><u>QUALITY CONTROL NOTES</u> AREAS AND QUANTITIES INDICATED ON THE DRAWINGS ARE APPROXIMATES. FIELD VERIFY ALL DIMENSIONS. MASONRY CONTRACTOR TO CARRY QUANTITIES AND SQUARE FOOTAGES SUFFICIENT TO COMPLETE THE INDICATED TASK.</p> <p><u>BASIS OF DESIGN.</u></p> <p>THIS PROJECT IS DEEMED TO BE TREATED AS AN HISTORIC STRUCTURE, ITS PLANNED TREATMENT, AS IT RELATES TO THE REPAIR, RESTORATION, AND REBUILD, WILL IN SO FAR AS PRACTICAL AND APPROVED BY THE A/E OF REC, PRESERVE, REINCORPORATE ORIGINAL BUILDING ELEMENTS, PROVIDE NEW ELEMENTS, AND ASSEMBLIES, THAT WILL MAINTAIN THE BUILDING'S ORIGINAL CHARACTER, MATERIALITY, DIMENSION, COLOR AND OVERALL AESTHETIC.</p> <p>GENERAL NOTES</p> <ol style="list-style-type: none"> <li>CONTRACTOR TO VERIFY ALL DIMENSIONS, RELATIVE DATUMS, QUANTITIES, SIZES AND CONTEXT OF DESIGN TO FIELD CONDITIONS. NOTIFY A/E OF ANY CONFLICTS</li> <li>SCOPE OF WORK - DESIGN OF DETAILING BASED ON LIMITED ACCESS / INFORMATION PROVIDED - CONTRACTOR TO EXPOSE WORK AREA - NOTIFY ARCHITECT OF EXPANDED ACCESS FOR REVIEW AND REVISION OF DETAILS.</li> <li>ELEVATIONS PRESENT CONDITIONS AS "VISIBLE IN PLANE" IN SELECT LOCATIONS. TRANSITIONS OCCUR BETWEEN VARYING MATERIALS AT ANGLES NOT CLEAR TO VIEW - REFER TO PHOTOS AND OR SITE VISIT - ALSO REFER QUESTIONS TO A/E OF RECORD.</li> <li>A/E OF RECORD TO APPROVE REMOVAL OF ALL STRUCTURAL PRIOR TO DEMOLITION. CONTRACTOR TO NOTIFY A/E OF RECORD WHEN WORK AREA IS EXPOSED FOR REVIEW.</li> <li>CONTRACTOR TO USE CARE AND CONTROL DURING SELECT DEMOLITION OF THE WORK AREA LIMITING IMPACT TO ADJACENT SURFACES, SUBSTRATES, ANCHORING / CONNECTIONS RELATED TO CUTTING /PATCHING/MATCHING TO EXISTING AND REATTACHMENTS, IN SO FAR AS PRACTICAL.</li> <li>ALL DEMOLISHED AREA SURFACES TO REMAIN PREPARE SUBSTRATE TO BE CLEAN / CLEAR/PLUMB/LEVEL/FLAT, ETC. IN SO FAR AS PRACTICAL, AND FREE OF ANY OBSTRUCTIONS, AND INSPECTED BY A/E PRIOR TO RECEIVING NEW WORK.</li> <li>EXISTING CONDITIONS TO RECEIVE NEW WORK TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS FOR NEW WORK FOR PROPER SUBSTRATE ATTACHMENT.</li> <li>CONTRACTOR TO PROTECT ALL EXISTING MATERIALS REMOVED FOR PLANNED REINSTALLATION, WITH SAFE STORAGE AGAINST THEFT/VANDALISM/ UNDUE WEATHERING/ ACCIDENTAL DROP /COLLISION ETC.</li> </ol> <p>GENERAL CONSTRUCTION NOTES</p> <ol style="list-style-type: none"> <li>ALL REPAIR WORK WILL BE COMPLETED IN ACCORDANCE WITH CURRENT PRACTICES IN THE CONSTRUCTION INDUSTRY, ALL NATIONAL, STATE, LOCAL BUILDING CODES INCLUDING, BUT NOT LIMITED TO, THE MAINE STATE BUILDING CODES. THE LATEST EDITIONS OF ICC CODES / IBC/IEBC, NFPA 101, ANSI, OSHA AND OTHER SAFETY REGULATIONS.</li> <li>EXISTING BUILDING COMPONENTS WHICH ARE AFFECTED BY NEW WORK AND DEMOLITION, OR WHICH MAY BE DAMAGED BY THE CONTRACTOR OR ANY SUBCONTRACTORS SHALL BE REPLACED OR RESTORED TO ORIGINAL CONDITION AND FINISH BY METHODS DESCRIBED IN THIS CONTRACT OR AS APPROVED BY LEMESSURIER.</li> <li>CONTRACTOR SHALL VERIFY EXISTING MEP CONDITIONS. VERIFY IF MEP COMPONENTS ASSEMBLIES.ECT WILL BE AFFECTED IN WORK AREA - NOTIFY A/E OF RECORD PRIOR TO COMMENCING WORK.</li> <li>CONTRACTOR IS RESPONSIBLE FOR ANY SHORING AND SUPPORTING ENGINEERING AND DESIGN FOR AREAS DESIGNATED "REBUILD". CONTRACTOR MUST SUBMIT SHORING PLAN S PREPARED BY DESIGN PROFESSIONALS, 15 DAYS PRIOR TO COMMENCING WITH WORK.</li> <li>USE NECESSARY MEANS TO PROTECT ALL EXPOSED BUILDING AREAS FROM DAMAGE CAUSED BY WEATHER EVENTS OR OTHER ENVIRONMENTAL SITUATIONS DURING THE CONSTRUCTION PROCESS UNTIL THE REPAIR WORK IS DEEMED WEATHER-TIGHT.</li> </ol>	C1	COVER SHEET,LEGEND,SPECIFICATIONS AND GENERAL NOTES	SD SUBMISSION 07/06/22
		<p><u>PROJECT SPECIFICATIONS</u></p> <p>CONTRACTOR AND OR SUB-CONTRACTORS MUST SUBMIT MSDS SHEETS AND SHOP DRAWINGS FOR ALL MATERIALS USED FOR CONSTRUCTION WORK FOR APPROVAL</p> <p><u>PRODUCTS</u></p> <p>PRIOR TO THE START OF WORK ALL PRODUCT SUBMITTALS MUST HAVE A COVER SHEET INDICATING THAT IT IS A SUBMITTAL AND ALL THE PERTINENT DATA NEEDED TO BE EVALUATED.</p> <p>SUBMISSIONS ARE CONSIDERED COMPLETE WHEN REVIEWED AND STAMPED BY CONTRACTOR'S PROJECT MANAGER PRIOR TO SUBMISSION. LEMESSURIER WILL REVIEW, AND COMMENT AS RELATED TO THE OVERALL DESIGN INTENT AND NOT FOR STYLE, COLOR OR DIMENSIONAL ACCURACY. CONTRACTOR IS RESPONSIBLE FOR THE ACCURACY OF THE TERM "MATCH EXISTING" AND WILL BE EXPECTED TO PROVIDE TO THIS LEVEL OF "STANDARD OF CARE" A SUBSTITUTION IS NOT A SUBMITTAL. A SUBSTITUTION REQUEST MUST HAVE A COVER SHEET INDICATING IT IS A "REQUEST FOR SUBSTITUTION". ALL PERTINENT DATA FOR THE SUBSTITUTED PRODUCT AND THE SPECIFIED PRODUCT MUST BE PART OF THE REQUEST. A REQUEST MADE WITHOUT ALL THE INFORMATION INDICATED WILL BE REJECTED. REQUESTS FOR SUBSTITUTION WILL HAVE A MINIMUM OF TWO WEEKS FOR REVIEW.</p> <p><u>BASIS OF DESIGN MANUFACTURERS:</u></p> <p><u>REPLACEMENT BRICK:</u> ARE TO MATCH EXISTING. BRICKS WITH UNUSED LUGS ARE TO BE REPLACED (DO NOT PATCH) ALL CRACKED OR BROKEN BRICK TO BE REPLACED IN ALL LOCATIONS. IF CIRCUMSTANCES MAKE REMOVAL DETRIMENTAL TO ADJACENT AREAS, DISCUSS WITH LEMESSURIER BEFORE PROCEEDING. CONTRACTOR TO CARRY 2500 REPLACEMENT BRICK UNIT ALLOWANCE</p> <p>- PROVIDE A UNIT PRICE IN BIDDING FOR BRICK REPLACEMENT. (PRO RATED)</p> <p>STORE ALL MASONRY MATERIAL AS PER THE RECOMMENDATIONS OF THE BRICK INDUSTRY ASSOCIATION AND THE MASONRY INSTITUTE OF AMERICA.</p> <p><u>MORTAR - BASE BID IS PROPORTIONALLY MIXED TYPE "N"</u></p> <p>CONTRACTOR IS RESPONSIBLE FOR MORTAR SAMPLE REMOVAL AND TESTING. MORTAR SAMPLES ARE TO BE GATHERED BY CONTRACTOR AT INDICATED AREAS OF DESTRUCTIVE INVESTIGATION. (APPROVED MORTAR RECIPE WILL BE SUBJECT TO FINDINGS FROM THE MORTAR SAMPLE TESTING.) CONTRACTOR TO MATCH ORIGINAL MORTAR COLOR,TEXTURE AND COMPOSITION.</p> <p>ENSURE ALL MORTAR INGREDIENTS ARE FRESH WITH DOCUMENTED DATES OF MANUFACTURE SUBMITTED TO LEMESSURIER FOR APPROVAL.</p> <p>NO LIME OR CEMENT PRODUCTS INCLUDING PATCHING MORTAR SHALL BE OLDER THAN 6 MONTHS FROM TIME OF MANUFACTURING.</p> <p><u>TYPE "N" POINTING MORTAR RECIPE:</u></p> <p>1 PART CEMENT:1 PART HYDRATED LIME, 6 PARTS SHARP SAND.</p>	BE1	ENTRANCE 1 PLANS,ELEVATIONS AND LEGEND	SD SUBMISSION 07/06/22
			BE2	ENTRANCE 1 ROOF PLANS,ELEVATIONS AND LEGEND	SD SUBMISSION 07/06/22
			BE3	ENTRANCE 2 PLANS,ELEVATIONS AND LEGEND	SD SUBMISSION 07/06/22
			BE4	DETAILS	SD SUBMISSION 08/01/22
			REQUIRED MOCKUPS		
			<p>CONTRACTOR TO PROVIDE THE FOLLOWING MOCKUPS ON SITE FOR LEMESSURIER APPROVAL PRIOR TO FULL INSTALLATION:</p> <p>SEALANT 2 LINEAR FEET - PROVIDE PULL TEST RESULTS SUBMITTAL PRIOR TO WORK</p> <p>WEATHER CAP JOINT INSTALLATION</p> <p>MORTAR RAKE OUT DEPTH INSPECTION</p> <p>POINTING MORTAR, JOINT PROFILE ON 2X2" ON THE BUILDING</p> <p>REPLACEMENT BRICK FOR EACH PROFILE</p> <p>REPLACEMENT WINDOW SURROUND</p> <p>REPLACEMENT LIMESTONE ARCHITECTURAL ELEMENTS</p> <p>LIME STONE PATCH AND REPAIR</p> <p>MASONRY PRE-WASH</p> <p>MASONRY FINAL WASH</p>		
			DESIGN CRITERIA		
			<p><u>BUILDING TYPE:</u></p> <p>MULTI WYTHE BRICK MASONRY WITH LIMESTONE ELEMENTS.</p>		
			<p>DESCRIPTION</p> <p>SD SUBMISSION 07/06/22</p> <p>BID SUBMISSION 08/01/22</p> <p>DATE</p> <p>#0 1 2 3 4 5 6 7 8</p> <p>REVISIONS</p> <p>DESIGNED BY: RJH</p> <p>A/E OF REC: INITIALS</p> <p>ORIG DATE: DD/MM/YY</p> <p>QC BY: DCM</p> <p>QC DATE: 07/20/22</p> <p>DRAWING STATUS:</p> <p>BID DOCUMENTS</p>		
			<p>SHEET No:</p> <p><b>C1</b></p> <p>SCALE: AS NOTED / NTS</p> <p>PROJECT No : 21.0240.001</p>		

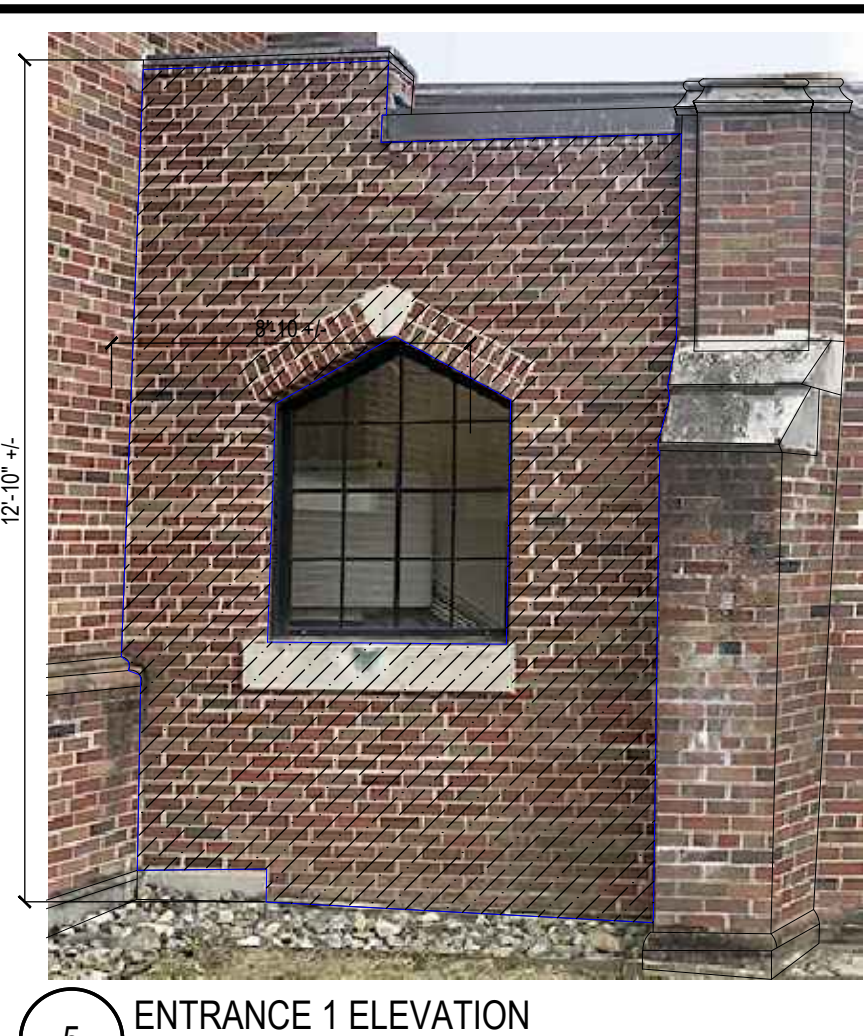
PROJ NAME / LOCATION  
MAINE CRIMINAL JUSTICE ACADEMY  
MASONRY RESTORATION | CONNECTORS & ENTRANCES

15 OAK GROVE RD. VASSALBORO, ME 04989

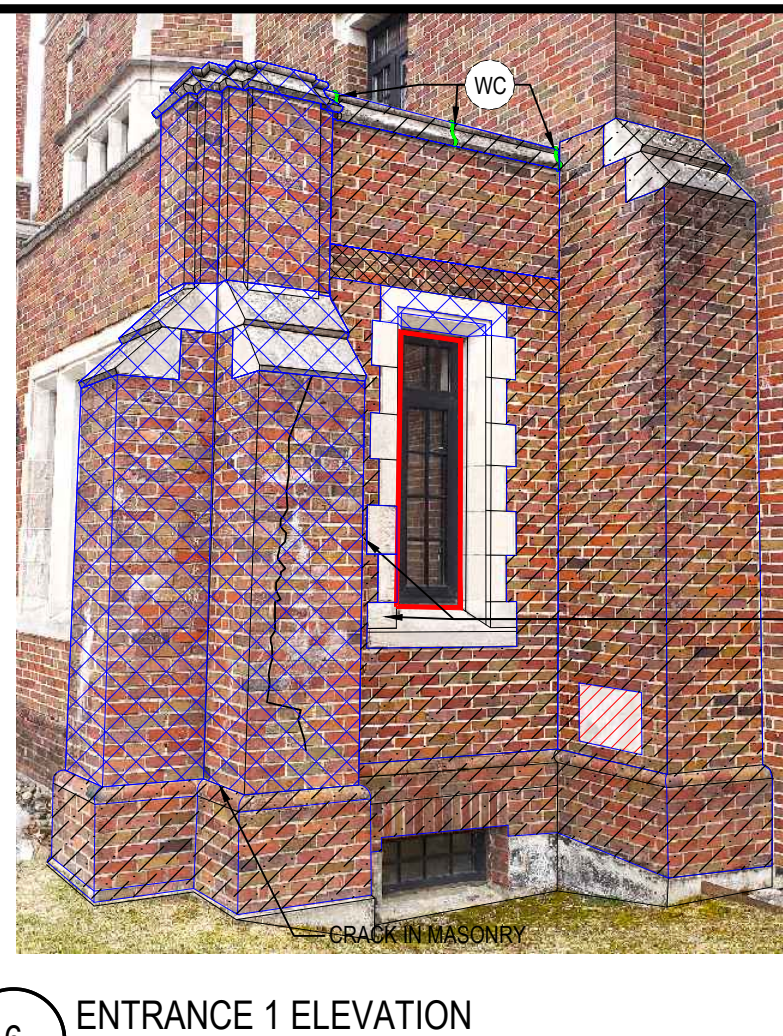
DWG NAME  
COVER SHEET,LEGEND AND  
GENERAL NOTES



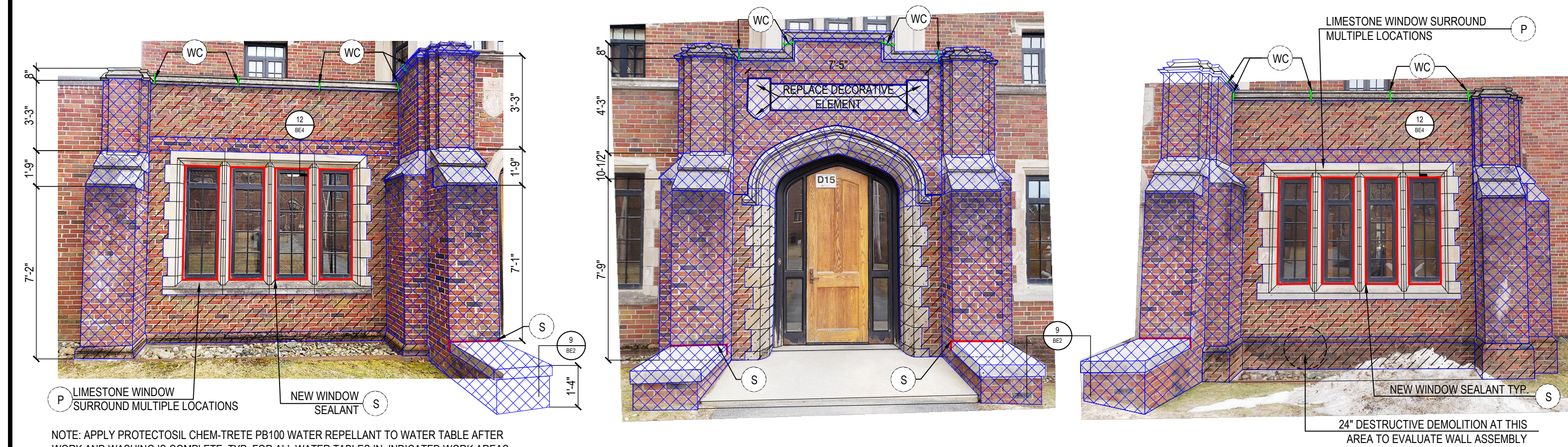
1 PARTIAL ENTRANCE 1 PLAN 1ST FLOOR  
1/4" = 1'-0"



5 ENTRANCE 1 ELEVATION  
N.T.S.



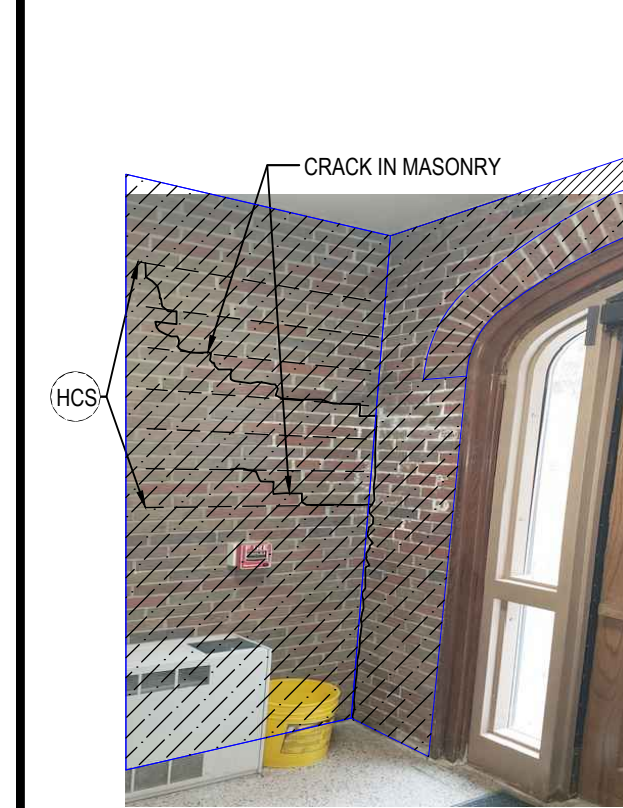
6 ENTRANCE 1 ELEVATION  
N.T.S.



2 ENTRANCE 1 ELEVATION  
N.T.S.

3 ENTRANCE 1 ELEVATION  
N.T.S.

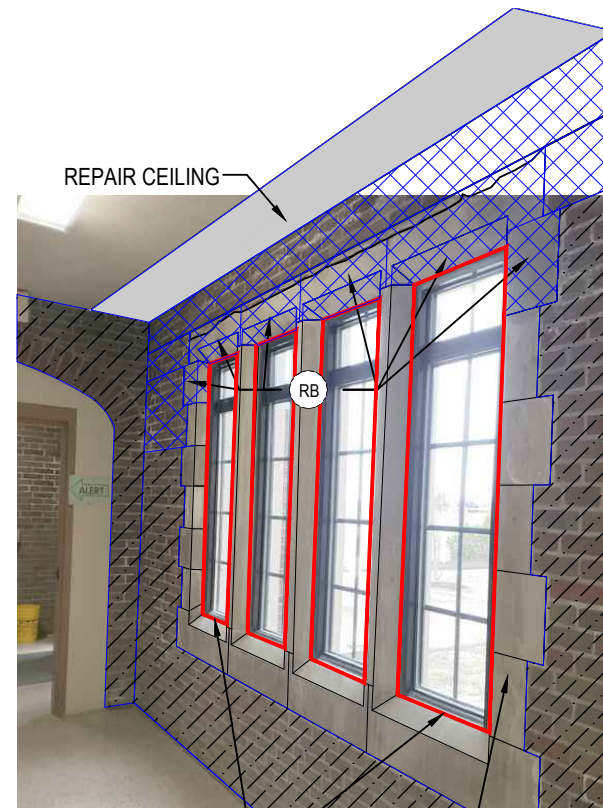
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N.T.S.



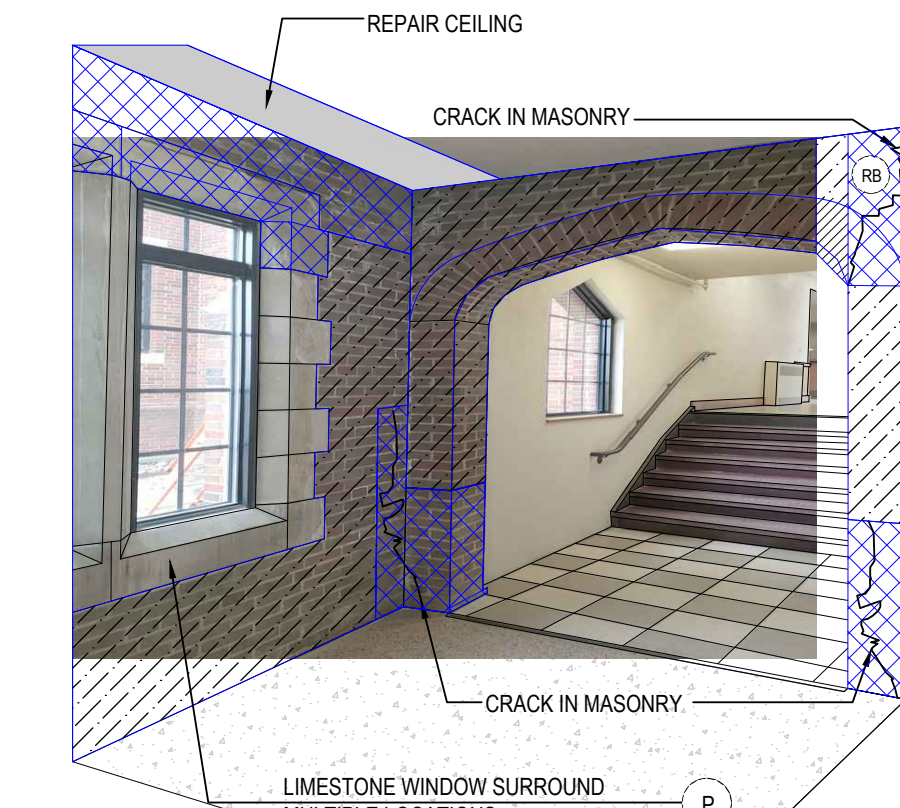
7 ENTRANCE 1 ELEVATION  
N.T.S.



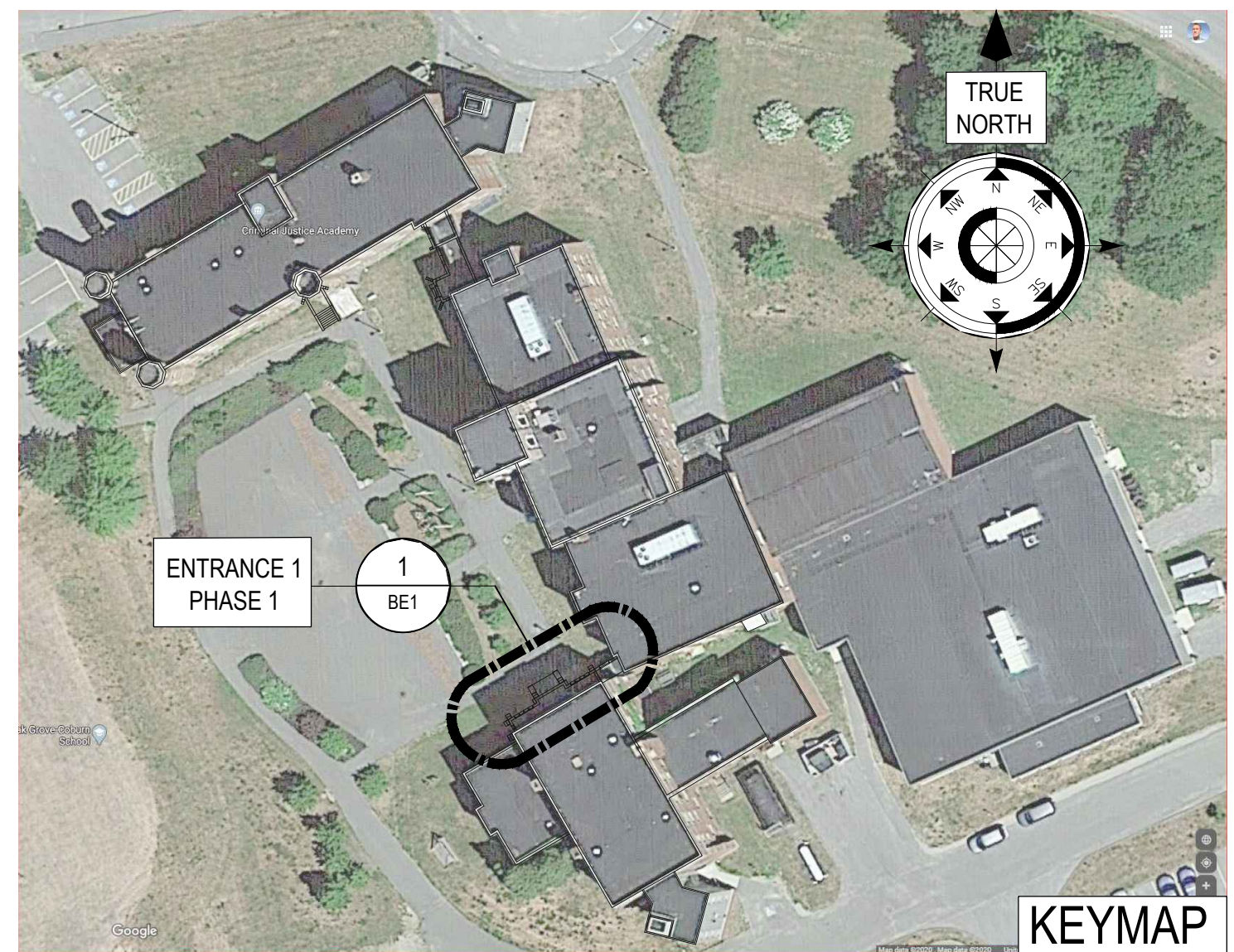
8 ENTRANCE 1 ELEVATION  
N.T.S.



9 ENTRANCE 1 ELEVATION  
N.T.S.

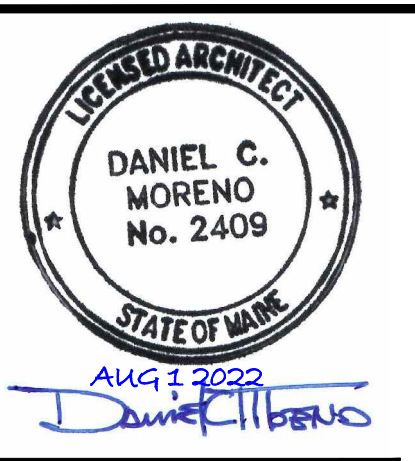


10 ENTRANCE 1 ELEVATION  
N.T.S.



MASONRY REPAIR LEGEND

<p><b>RR</b></p> <p>RAKE OUT AND REPOINT</p> <p><b>RAKE OUT &amp; REPOINT:</b></p> <ul style="list-style-type: none"> <li>• PREWASH MASONRY WITH SPECIFIC PRODUCT LISTED IN THESE DOCUMENTS</li> <li>• RAKE OUT ALL JOINTS TO 1" DEPTH MIN UNO ( UNLESS NOTED OTHERWISE)</li> <li>• RE-POINT JOINTS IN MASONRY WITH APPROVED MORTAR MIX.</li> <li>• (REFER TO 8/BE2 FOR MORTAR JOINT PROFILE ) DO NOT LET MORTAR HARDEN ON THE SURFACE OF MASONRY.</li> <li>• MORTAR MUST BE CURED PRIOR TO FINAL WASHING.</li> <li>• (CURING TIME MAY VARY DEPENDING ON WEATHER CONDITIONS) FINAL WASH MASONRY WITH APPROVED PRODUCT. ADDITIONAL WASHES MAY BE NECESSARY TO OBTAIN DESIRED APPEARANCE</li> <li>• REFER TO SHEET C1 FOR MORTAR SPECIFICATIONS</li> </ul>	<p><b>RM</b></p> <p>REBUILD MASONRY</p> <p><b>REBUILD:</b></p> <ul style="list-style-type: none"> <li>• REMOVE &amp; REBUILD EFFECTED MASONRY WITHIN DESIGNATED AREA. DEPTH SUBJECT TO FIELD VERIFIED CONSTRUCTION ASSEMBLY - COMPLY WITH BIA / BRICK MANUFACTURERS RECOMMENDATION</li> <li>• REBUILD USING EXISTING MATERIALS IF POSSIBLE. MATCH EXISTING MATERIALS, COLOR, SIZE ECT.</li> <li>• REASSEMBLE TO MATCH EXISTING CONFIGURATION AT ALL LOCATIONS.</li> <li>• INSTALL S.S. HELICAL WALL TIES BY HELIFIX CORP. (REFER TO DETAIL 2 &amp; 4 / BE4).</li> <li>• LAY NEW MASONRY TRUE &amp; PLUMB WITH APPROVED MORTAR MIX.</li> <li>• REMOVE RESIDUAL MORTAR FROM ADJACENT MATERIAL IMMEDIATELY.</li> <li>• DO NOT LET MORTAR HARDEN ON MASONRY SURFACE.</li> <li>• MORTAR MUST BE CURED PRIOR TO FINAL WASH; (CURING TIME MAY VARY DEPENDING ON WEATHER CONDITIONS)</li> <li>• WASH MASONRY WITH SELECT WASH FOR MASONRY BASED ON RECOMMENDED PROCESS AND PRODUCTS LISTED IN THESE DOCUMENTS.</li> <li>• ADDITIONAL WASHES MAY BE NECESSARY TO OBTAIN THE DESIRED APPEARANCE.</li> <li>• FINAL APPEARANCE WILL MATCH MOCKUP IN ALL LOCATIONS IN AREAS MARKED AS REBUILD.</li> </ul>	<p><b>HWT</b></p> <p>HELICAL WALL TIE</p> <p><b>HELICAL WALL TIE:</b></p> <ul style="list-style-type: none"> <li>• PLACE WALL TIES AS INDICATED PER DRAWINGS AND DETAILS 1 &amp; 3 ON SHEET BE2</li> <li>• REFER TO DETAILS 2 &amp; 4 ON SHEET BE2 SHEET FOR SPECIFICATIONS AND PRODUCT INFORMATION.</li> </ul>	<p><b>HCS</b></p> <p>HELICAL CRACK STITCH</p> <p><b>HELICAL CRACK STITCH:</b></p> <ul style="list-style-type: none"> <li>• INSTALL HELICAL ANCHORS BY HELIFIX CORP. AS PER MANUFACTURERS RECOMMENDATIONS. THE DIGIT IN THE KEYNOTE SYMBOL REPRESENTS THE NUMBER OF STITCHING ANCHORS RECOMMENDED WITHIN THE DEFINED AREA OF REPAIR. PLACE STITCHING AS INDICATED IN THE DRAWINGS AND DETAILS 1 &amp; 3 ON SHEET BE2.</li> </ul>	<p><b>S</b></p> <p>BACKER ROD AND SEALANT</p> <p><b>BACKER ROD &amp; SEALANT:</b></p> <ul style="list-style-type: none"> <li>• INSTALL NEW CLOSED CELL FOAM BACKER ROD AS REQUIRED AFTER RE-POINTING. INSTALL SEALANT PER THE DETAILS AND MANUFACTURERS SPECIFICATIONS.</li> <li>• CONTRACTOR WILL COORDINATE A PULL TEST APPROVAL WITH MANUFACTURERS REP FOR WARRANTY PURPOSES AND SUBMIT A COPY TO LEMESSURIER</li> <li>• ALL SEALANT JOINTS TO BE SANDED TO MATCH ADJACENT MORTAR</li> <li>• REFER TO DETAIL 7 / BE2 FOR SPECIFICATIONS AND PRODUCT INFORMATION.</li> </ul>	<p><b>WC</b></p> <p>WEATHER CAP</p> <p><b>WEATHER CAP:</b> LEAD STONE FLASHING STRIPS PROVIDE AND INSTALL PER MANUFACTURERS SPECIFICATIONS. (SEE DETAIL 6 / BE2) FOR FOR SPECIFICATIONS AND PRODUCT INFORMATION.</p>	<p><b>P</b></p> <p>PATCH</p> <p><b>PATCH STONE:</b> REMOVE LOOSE, SCALING OR SPALLING MATERIAL PREPARE LIMESTONE AS PREPARE LIMESTONE AS PER MANUFACTURERS RECOMMENDATIONS. PATCH LIMESTONE WITH JAHN M70 LIMESTONE PATCH</p>	<p><b>CL</b></p> <p>CLEANING MASONRY</p> <ul style="list-style-type: none"> <li>• MATCH CLEANING METHOD AND CLEANING SOLUTION TO TYPE OF BRICK - VERIFY W/ MASONRY MANUFACTURER AND OR BIA RECOMMENDATIONS</li> <li>• PROTECT ADJACENT SURFACES / MATERIALS SUBJECT TO DAMAGE BY MASONRY CLEANING PROCESS</li> <li>• PERFORM TRIAL CLEANING TO SAMPLE AREA LESS THAN 20SQFT. ALLOW WALL TO DRY PRIOR TO EVALUATING.</li> <li>• MULTIPLE TRIALS MAY BE REQUIRED</li> <li>• CONTROL / TREAT / PROTECT RUNOFF PER JURISDICTIONS REQUIREMENTS</li> <li>• WHEN MANUFACTURER'S RECOMMENDATION NOT PROVIDED - REFER TO TABLE 1 AND BIA TECHNICAL NOTE 20 8/2018</li> <li>• SELECT GENTLEST EFFECTIVE METHOD</li> <li>• DO NOT ALLOW CLEANING SOLUTION TO DRY ON MASONRY</li> <li>• DO NOT USE UN BUFFERED MURIATIC OR HYDROFLUORIC ACID</li> <li>• CLEAN NEW MASONRY ONCE MORTAR HARDENS. 24 HRS TO 7 DAYS, SUBJECT TO CLEANING METHOD.</li> <li>• APPLY CLEANING SOLUTION AS RECOMMENDED BY MANUFACTURER</li> <li>• THE FOLLOWING PRODUCTS ARE ACCEPTABLE SUBJECT TO FIELD CONDITIONS. STAINING TYPE TO BE REMOVED. COMPLIANCE WITH CLEANING PRODUCT MANUFACTURERS REQUIREMENTS, MASONRY MANUFACTURER(S) AND OR BRICK INSTITUTE OF AMERICA REQUIREMENTS/RECOMMENDATIONS.</li> <li>• NOTE - CONTRACTOR TO VERIFY WITH CLEANING SOLUTION MANUFACTURER PRIOR TO APPLYING.</li> <li>• BRICK MASONRY PREWASH - ONERESTORE - MASONRY CLEANER</li> <li>• BRICK MASONRY FINAL WASH - SURE KLEAN VANATROL MASONRY WASH WITH STARTING WAS OF 14:1 &amp; NO GREATER THAN 10:1 MIXTURE.</li> </ul>
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PROJECT NAME / LOCATION  
MAINE CRIMINAL JUSTICE ACADEMY  
MASONRY RESTORATION | CONNECTORS & ENTRANCES  
15 OAK GROVE RD., VASSALBORO, ME 04889  
DWG NAME  
ENTRANCE 1  
PLANS, ELEVATIONS AND LEGEND

DESCRIPTION  
SD SUBMISSION  
BID SUBMISSION  
DATE  
07/06/22  
08/01/22

# 0 1 2 3 4 5 6 7 8  
REVISIONS

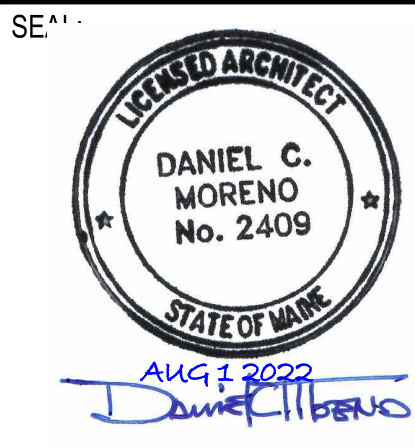
DESIGNED BY: RJH

A / E OF REC: DCM  
ORIG DATE: 07/20/22  
QC BY: DCM  
QC DATE: 07/20/22

DRAWING STATUS:  
BID DOCUMENTS

SHEET NO:  
**BE1**

SCALE: AS NOTED / NTS  
PROJECT NO: 21.0240.001

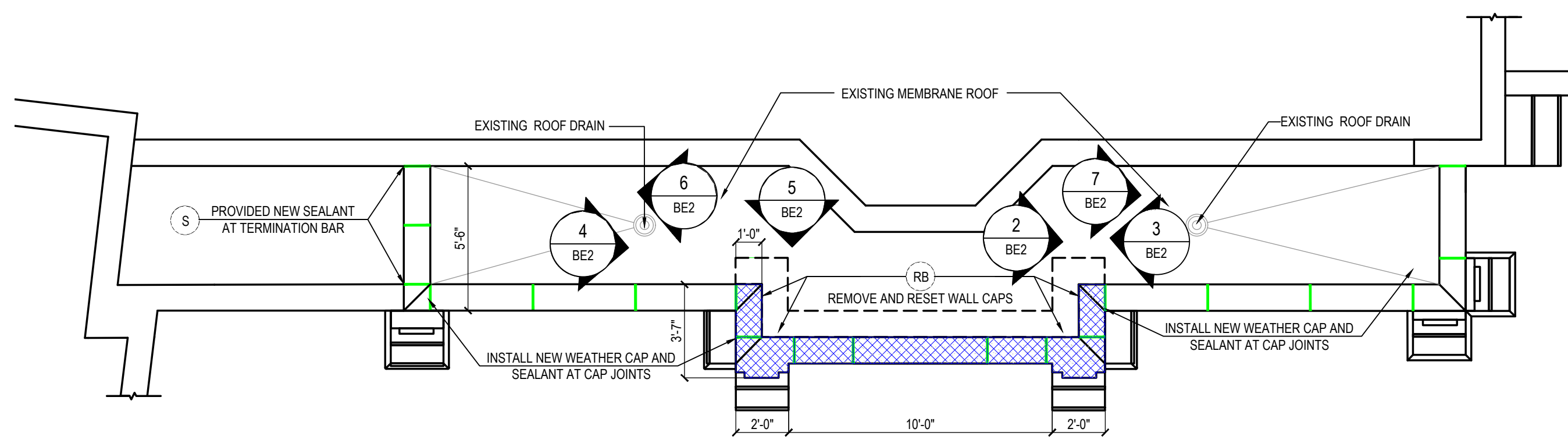


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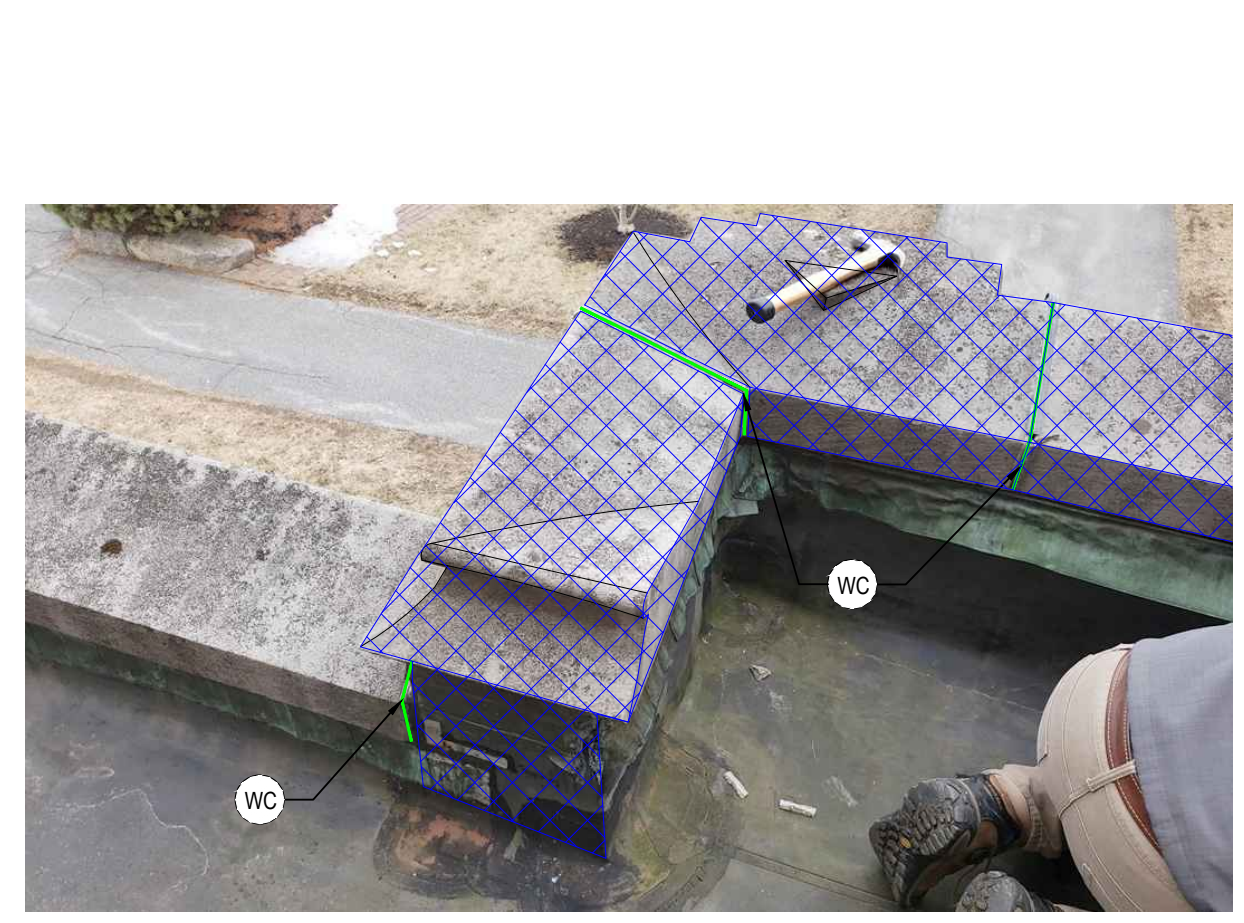
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 MASONRY RESTORATION | CONNECTORS & ENTRANCES**  
 15 OAK GROVE RD., VASSALBORO, ME 04989  
 DWG NAME  
**ENTRANCE 1 ROOF  
 PLANS, ELEVATIONS AND LEGEND**

#	DATE	DESCRIPTION
0	07/06/22	SD SUBMISSION
1	08/01/22	BID SUBMISSION
2		
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7		

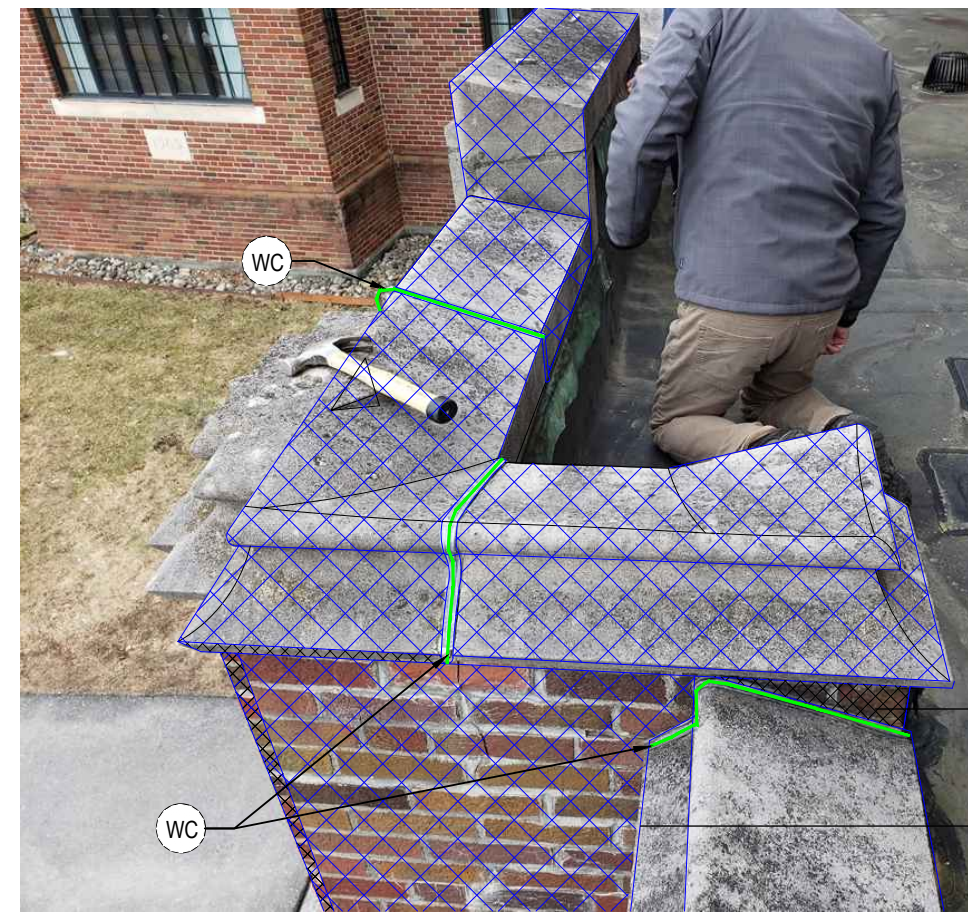
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 DRAWING STATUS:  
**BID DOCUMENTS**  
 SHEET NO:  
**BE2**  
 SCALE: AS NOTED / NTS  
 PROJECT NO: 21.0240.001



**1** ENTRANCE 1 ROOF PLAN  
 1/4" = 1'-0"



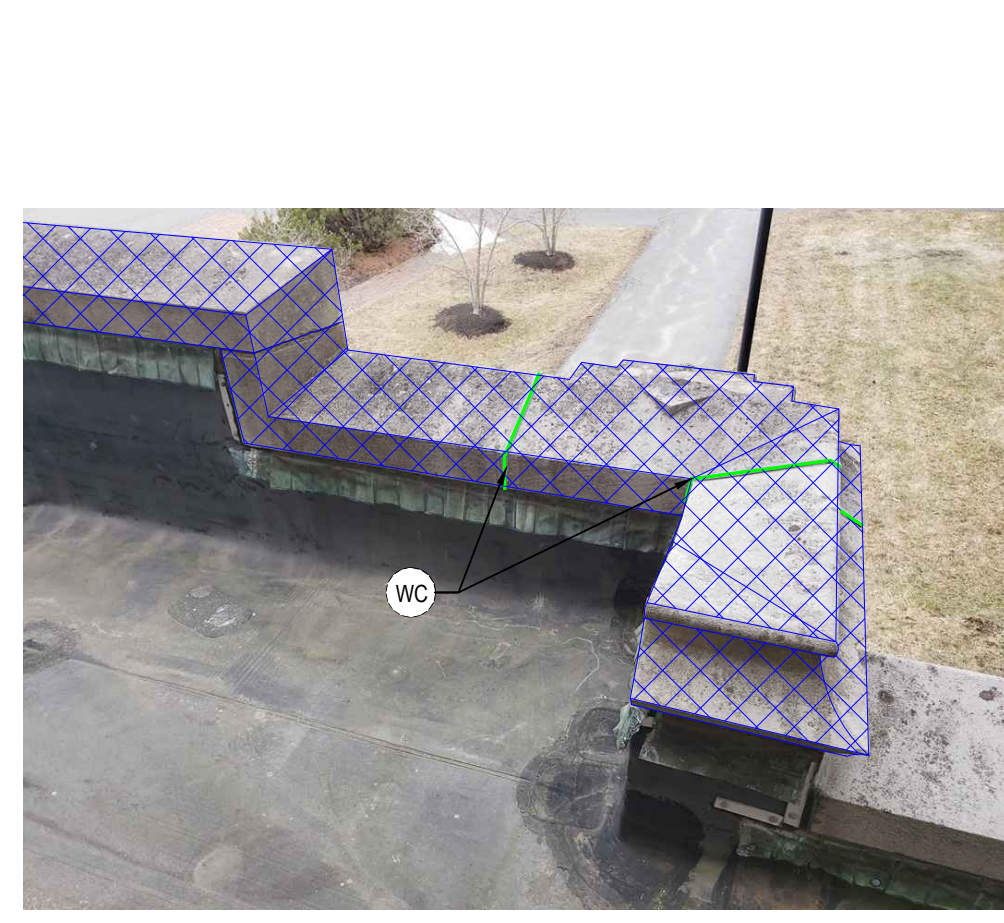
**2** ENTRANCE 1 ROOF ELEVATION  
 N.T.S.



**3** ENTRANCE 1 ROOF ELEVATION  
 N.T.S.



**4** ENTRANCE 1 ROOF ELEVATION  
 N.T.S.



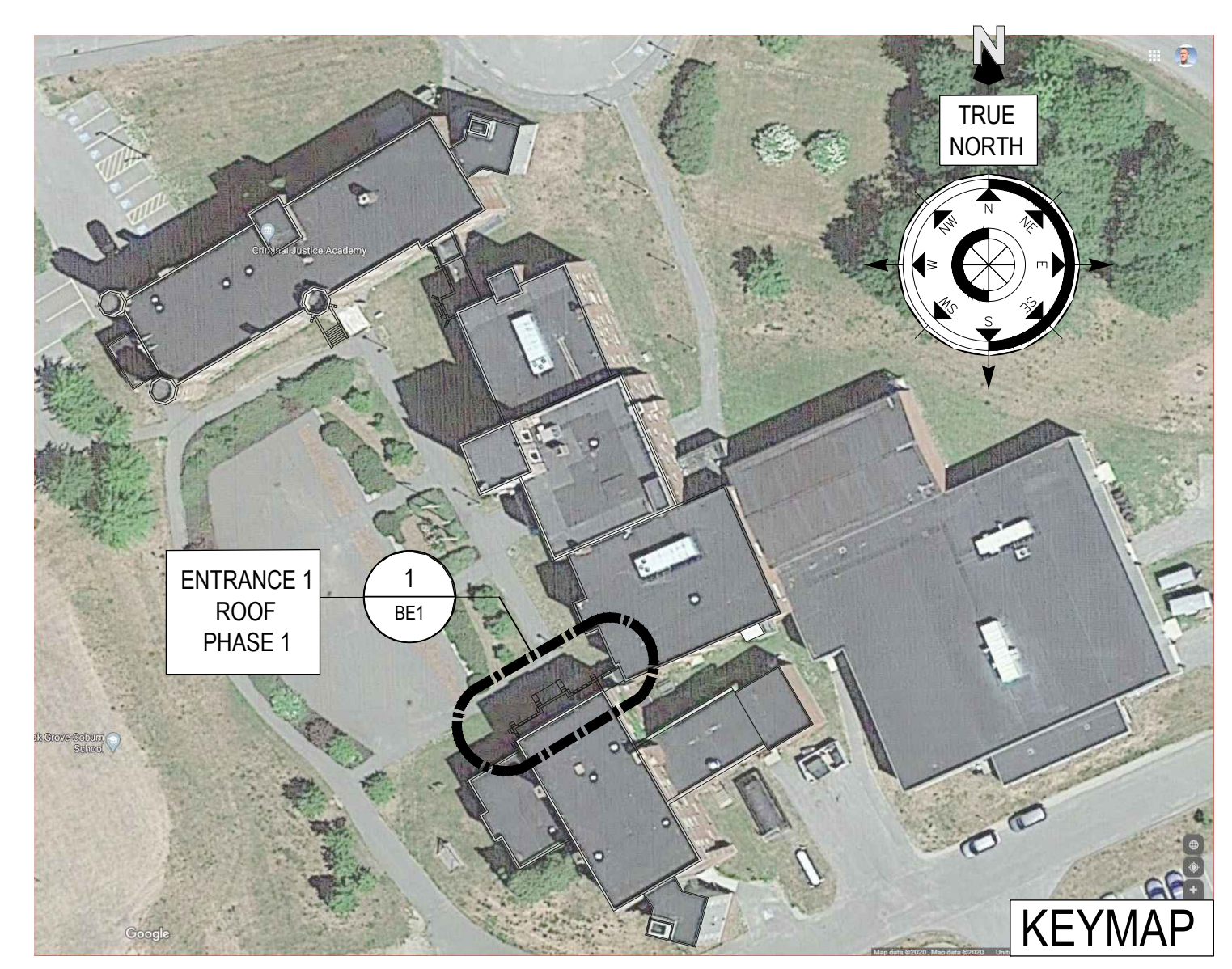
**5** ENTRANCE 1 ROOF ELEVATION  
 N.T.S.



**6** ENTRANCE 1 ROOF ELEVATION  
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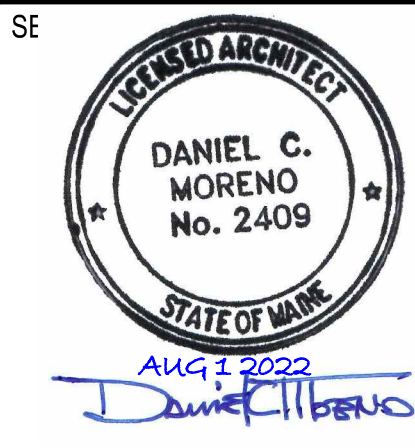


**7** ENTRANCE 1 ROOF ELEVATION  
 N.T.S.



**MASONRY REPAIR LEGEND**

<p><b>RR</b></p> <p>RAKE OUT AND REPOINT</p> <p><b>RAKE OUT &amp; REPOINT:</b></p> <ul style="list-style-type: none"> <li>PREWASH MASONRY WITH SPECIFIC PRODUCT LISTED IN THESE DOCUMENTS.</li> <li>RAKE OUT ALL JOINTS TO 1" DEPTH MIN UNO (UNLESS NOTED OTHERWISE).</li> <li>RE-POINT JOINTS IN MASONRY WITH APPROVED MORTAR MIX.</li> <li>(REFER TO 8/BE2 FOR MORTAR JOINT PROFILE.) DO NOT LET MORTAR HARDEN ON THE SURFACE OF MASONRY.</li> <li>MORTAR MUST BE CURED PRIOR TO FINAL WASHING.</li> <li>(CURING TIME MAY VARY DEPENDING ON WEATHER CONDITIONS) FINAL WASH MASONRY WITH APPROVED PRODUCT. ADDITIONAL WASHES MAY BE NECESSARY TO OBTAIN DESIRED APPEARANCE.</li> </ul>	<p><b>RM</b></p> <p>REBUILD MASONRY</p> <p><b>REBUILD:</b></p> <ul style="list-style-type: none"> <li>REMOVE &amp; REBUILD EFFECTED MASONRY WITHIN DESIGNATED AREA. DEPTH SUBJECT TO FIELD VERIFIED CONSTRUCTION ASSEMBLY - COMPLY WITH BIA / BRICK MANUFACTURERS RECOMMENDATION.</li> <li>REBUILD USING EXISTING MATERIALS IF POSSIBLE. MATCH EXISTING MATERIALS, COLOR, SIZE ECT.</li> <li>REASSEMBLE TO MATCH EXISTING CONFIGURATION AT ALL LOCATIONS.</li> <li>INSTALL S.S. HELICAL WALL TIES BY HELIFIX CORP. (REFER TO DETAIL 2 &amp; 4 / BE2).</li> <li>LAY NEW MASONRY TRUE &amp; PLUMB WITH APPROVED MORTAR MIX.</li> <li>REMOVE RESIDUAL MORTAR FROM ADJACENT MATERIAL IMMEDIATELY.</li> <li>DO NOT LET MORTAR HARDEN ON MASONRY SURFACE.</li> <li>MORTAR MUST BE CURED PRIOR TO FINAL WASH; (CURING TIME MAY VARY DEPENDING ON WEATHER CONDITIONS).</li> <li>WASH MASONRY WITH SELECT WASH FOR MASONRY BASED ON RECOMMENDED PROCESS AND PRODUCTS LISTED IN THESE DOCUMENTS.</li> <li>ADDITIONAL WASHES MAY BE NECESSARY TO OBTAIN THE DESIRED APPEARANCE.</li> <li>FINAL APPEARANCE WILL MATCH MOCKUP IN ALL LOCATIONS IN AREAS MARKED AS REBUILD.</li> </ul>	<p><b>HWT</b></p> <p>HELICAL WALL TIE</p> <p><b>HELICAL WALL TIE:</b></p> <ul style="list-style-type: none"> <li>PLACE WALL TIES AS INDICATED PER DRAWINGS AND DETAILS 1 &amp; 3 ON SHEET BE2</li> <li>REFER TO DETAILS 2 &amp; 4 ON SHEET BE2 SHEET FOR SPECIFICATIONS AND PRODUCT INFORMATION.</li> </ul>	<p><b>HCS</b></p> <p>HELICAL CRACK STITCH</p> <p><b>HELICAL CRACK STITCH:</b></p> <ul style="list-style-type: none"> <li>INSTALL HELICAL ANCHORS BY HELIFIX CORP. AS PER MANUFACTURERS RECOMMENDATIONS. THE DIGIT IN THE KEYNOTE SYMBOL REPRESENTS THE NUMBER OF STITCHING ANCHORS RECOMMENDED WITHIN THE DEFINED AREA OF REPAIR. PLACE STITCHING AS INDICATED IN THE DRAWINGS AND DETAILS 1 &amp; 3 ON SHEET BE2.</li> </ul>	<p><b>S</b></p> <p>BACKER ROD AND SEALANT</p> <p><b>BACKER ROD &amp; SEALANT:</b></p> <ul style="list-style-type: none"> <li>INSTALL NEW CLOSED CELL FOAM BACKER ROD AS REQUIRED AFTER RE-POINTING. INSTALL SEALANT PER THE DETAILS AND MANUFACTURERS SPECIFICATIONS.</li> <li>CONTRACTOR WILL COORDINATE A PULL TEST APPROVAL WITH SEALANT MANUFACTURERS REP FOR WARRANTY PURPOSES AND SUBMIT A COPY TO LEMESSURIER.</li> <li>ALL SEALANT JOINTS TO BE SANDED TO MATCH ADJACENT MASONRY.</li> <li>REFER TO DETAIL 7 / BE2 FOR SPECIFICATIONS AND PRODUCT INFORMATION.</li> </ul>	<p><b>WC</b></p> <p>WEATHER CAP</p> <p><b>WEATHER CAP:</b> LEAD STONE FLASHING STRIPS PROVIDE AND INSTALL PER MANUFACTURERS SPECIFICATIONS. (SEE DETAIL 6 / BE2) FOR FOR SPECIFICATIONS AND PRODUCT INFORMATION.</p>	<p><b>P</b></p> <p>PATCH</p> <p><b>PATCH STONE:</b> REMOVE LOOSE, SCALING OR SPALLING MATERIAL. PREPARE LIMESTONE AS PER MANUFACTURERS RECOMMENDATIONS. PATCH LIMESTONE WITH JAHN M70 LIMESTONE PATCH.</p>	<p><b>CL</b></p> <p>CLEANING MASONRY</p> <ul style="list-style-type: none"> <li>MATCH CLEANING METHOD AND CLEANING SOLUTION TO TYPE OF BRICK - VERIFY W/ MASONRY MANUFACTURER AND OR BIA RECOMMENDATIONS</li> <li>PROTECT ADJACENT SURFACES / MATERIALS SUBJECT TO DAMAGE BY MASONRY CLEANING PROCESS</li> <li>PERFORM TRIAL CLEANING TO SAMPLE AREA LESS THAN 20SQFT. ALLOW WALL TO DRY PRIOR TO EVALUATING.</li> <li>MULTIPLE TRIALS MAY BE REQUIRED</li> <li>CONTROL / TREAT / PROTECT RUNOFF PER JURISDICTIONS REQUIREMENTS</li> <li>WHEN MANUFACTURER'S RECOMMENDATION NOT PROVIDED - REFER TO TABLE 1 AND BIA TECHNICAL NOTE 20 8/2018</li> <li>SELECT GENTLEST EFFECTIVE METHOD</li> <li>DO NOT ALLOW CLEANING SOLUTION TO DRY ON MASONRY</li> <li>DO NOT USE UN BUFFERED MURIATIC OR HYDROFLUORIC ACID</li> <li>CLEAN NEW MASONRY ONCE MORTAR HARDENS. 24 HRS TO 7 DAYS, SUBJECT TO CLEANING METHOD.</li> <li>APPLY CLEANING SOLUTION AS RECOMMENDED BY MANUFACTURER</li> <li>THE FOLLOWING PRODUCTS ARE ACCEPTABLE SUBJECT TO FIELD CONDITIONS. STAINING TYPE TO BE REMOVED. COMPLIANCE WITH CLEANING PRODUCT MANUFACTURERS REQUIREMENTS, MASONRY MANUFACTURER(S) AND OR BRICK INSTITUTE OF AMERICA REQUIREMENTS/RECOMMENDATIONS.</li> <li>NOTE - CONTRACTOR TO VERIFY WITH CLEANING SOLUTION MANUFACTURER PRIOR TO APPLYING.</li> <li>BRICK MASONRY PREWASH - ONERESTORE - MASONRY CLEANER</li> <li>BRICK MASONRY FINAL WASH - SURE KLEAN VANATROL MASONRY WASH WITH STARTING WAS OF 14:1 &amp; NO GREATER THAN 10:1 MIXTURE.</li> </ul>
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**LeMessurier.**  
 1 MADISON ST. FLOOR 2  
 SOUTH PORTLAND MAINE, 04106  
 PHONE: 207.400.0086

PROJ NAME / LOCATION  
**MAINE CRIMINAL JUSTICE ACADEMY  
 MASONRY RESTORATION | CONNECTORS & ENTRANCES**  
 15 OAK GROVE RD., VASSALBORO, ME 04989  
 DWG NAME  
**ENTRANCE 2  
 PLANS, ELEVATIONS AND LEGEND**

DESCRIPTION  
 SD SUBMISSION  
 BID SUBMISSION  
 DATE  
 07/06/22  
 08/01/22

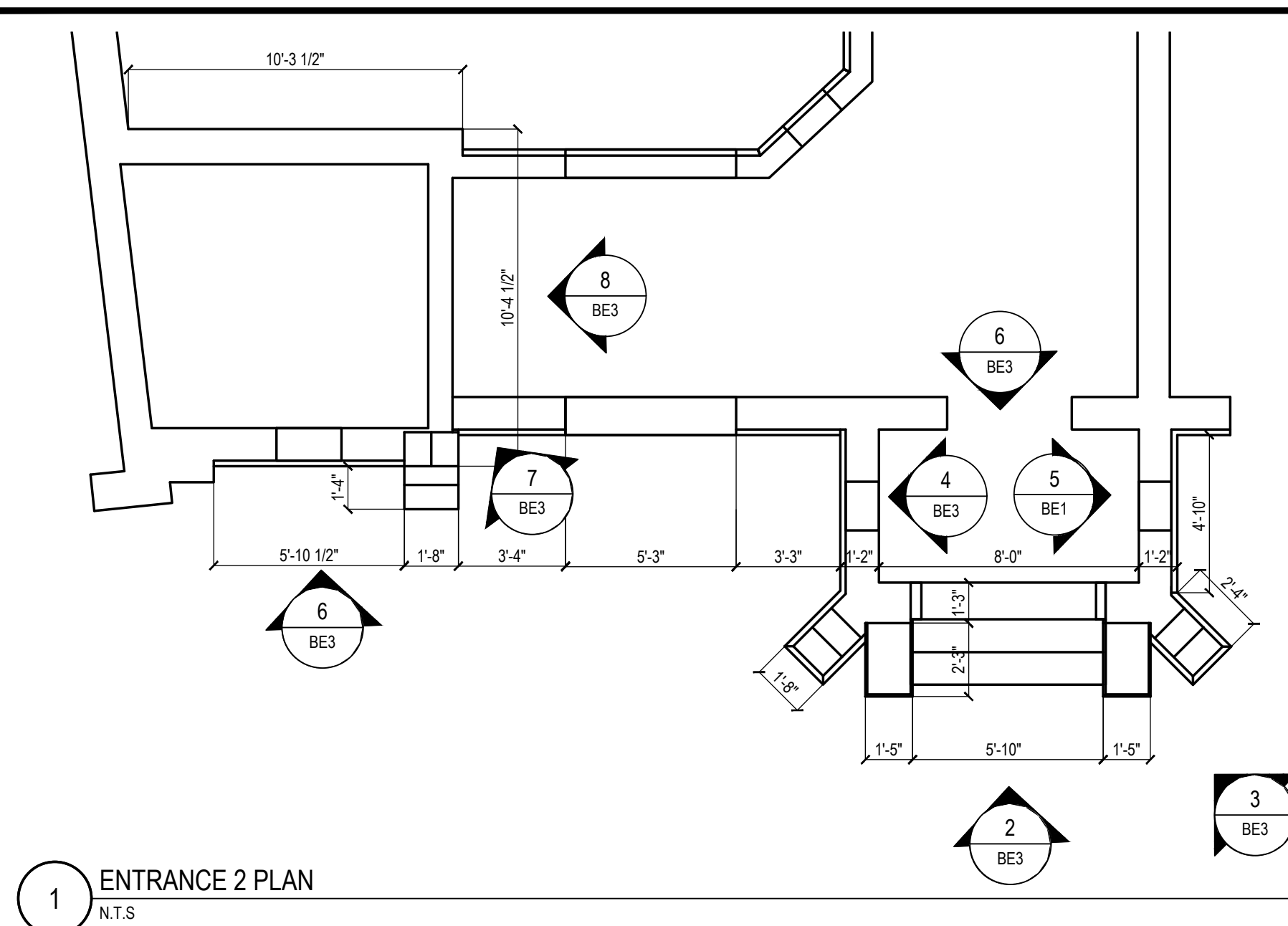
DESIGNED BY: RJH

A / E OF REC: DCM  
 ORIG DATE: 07/20/22  
 QC BY: DCM  
 QC DATE: 07/20/22

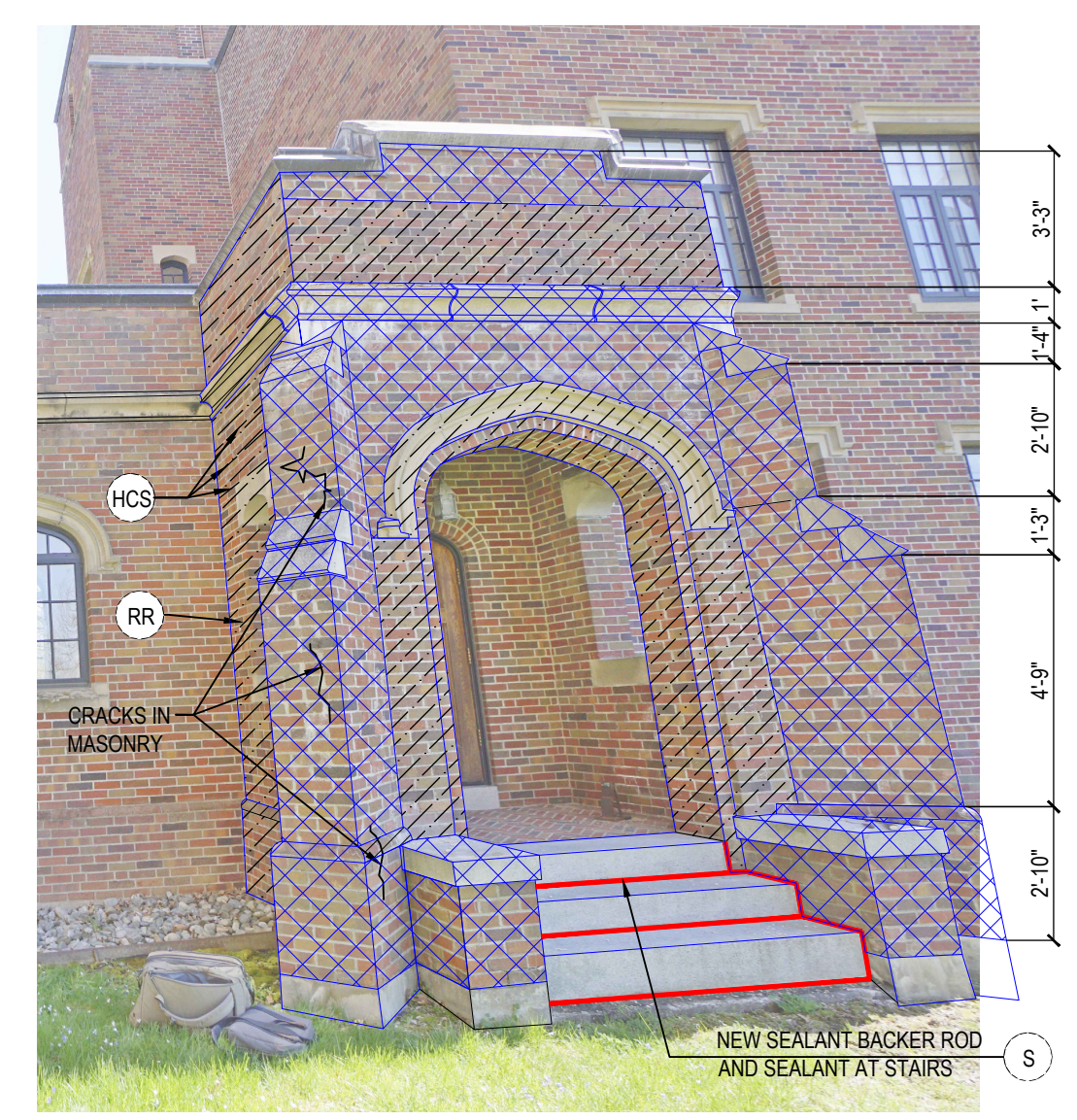
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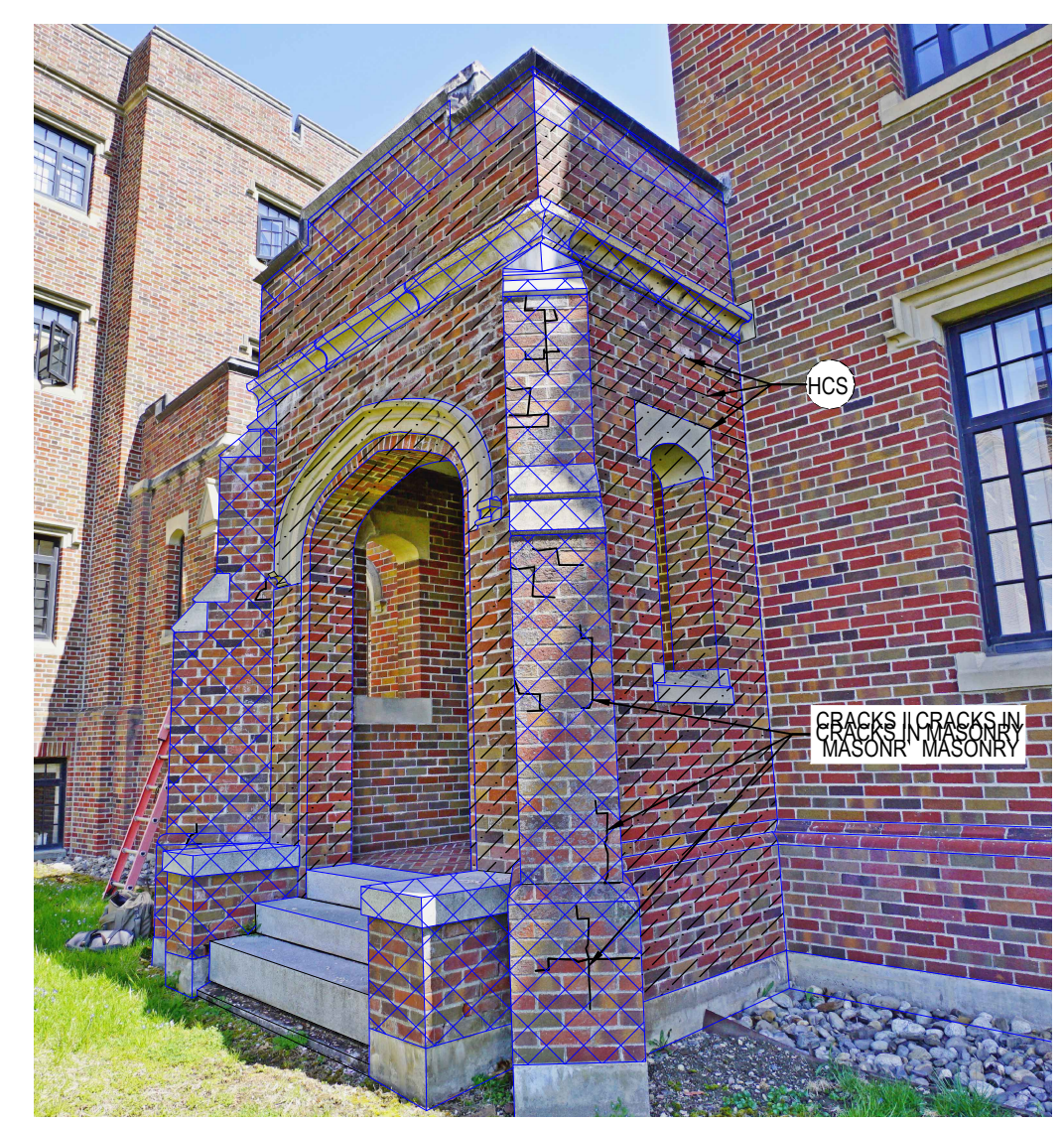
SCALE: AS NOTED / NTS  
 PROJECT No: 21.0240.001



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N.T.S.



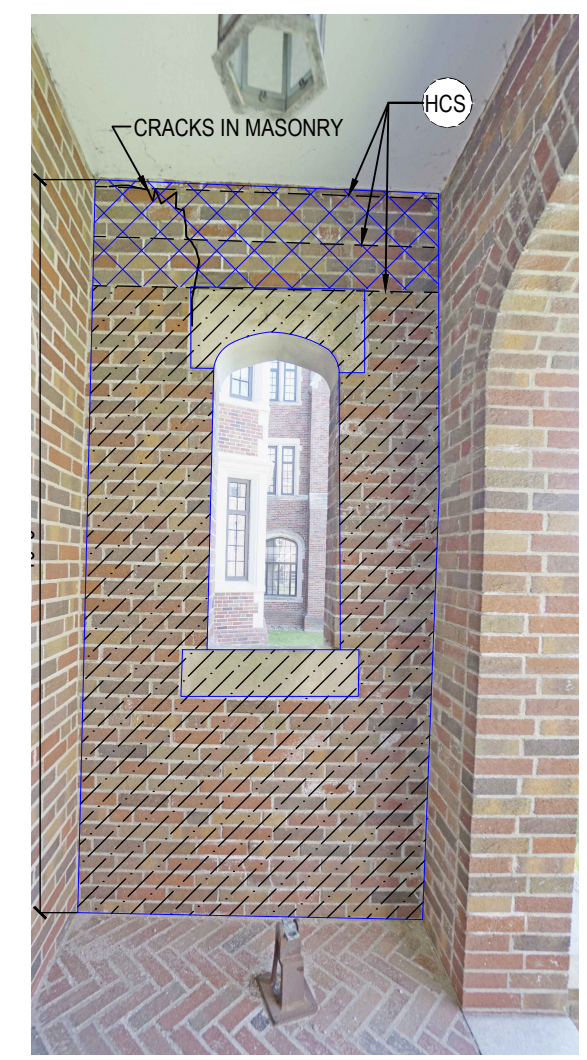
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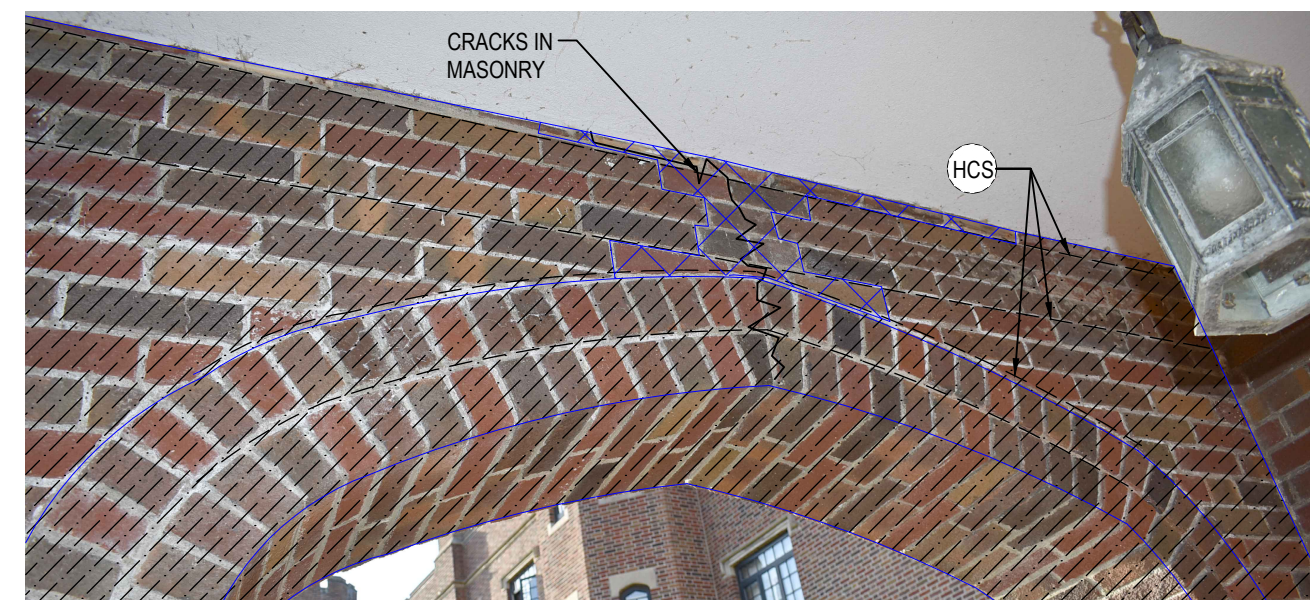
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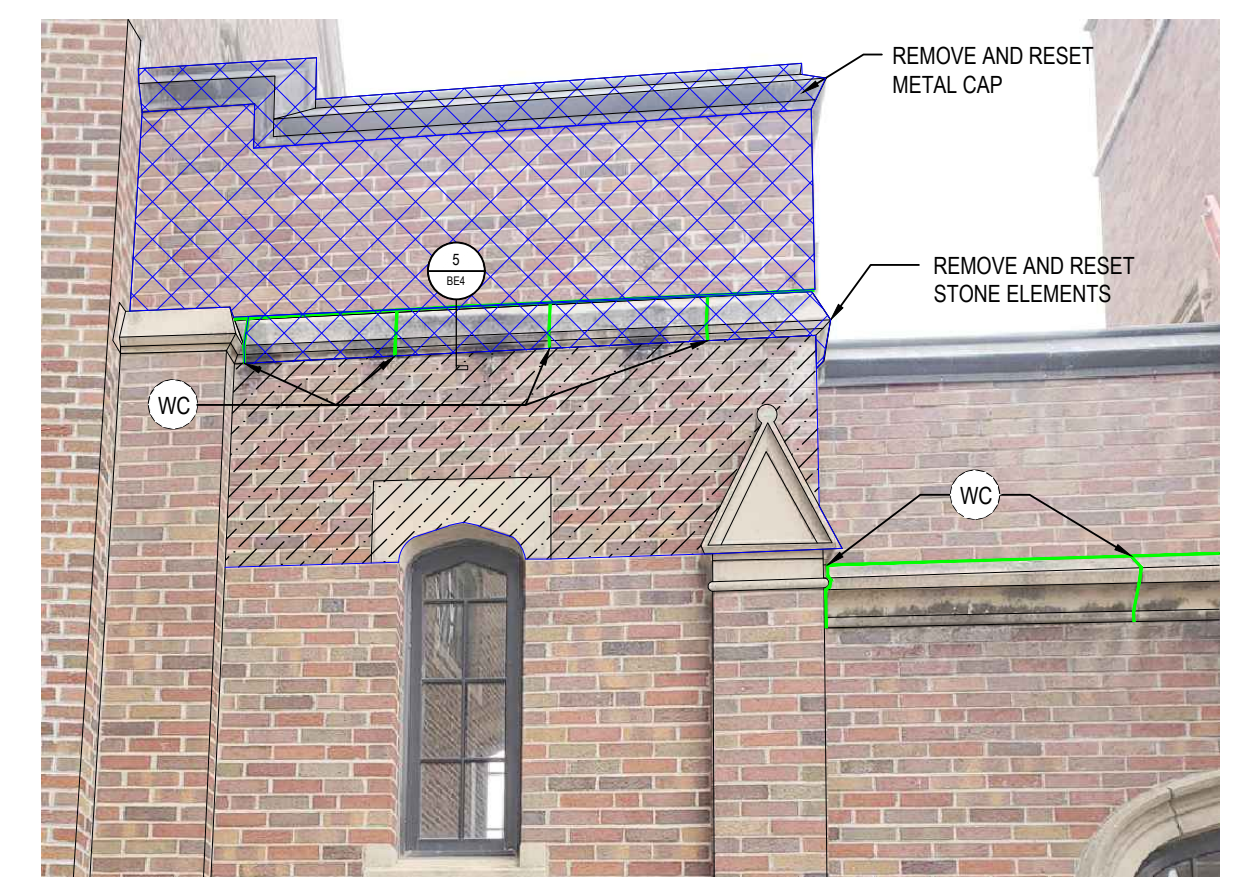
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5 ENTRANCE 2 ELEVATION  
N.T.S.



6 ENTRANCE 2 ELEVATION  
N.T.S.



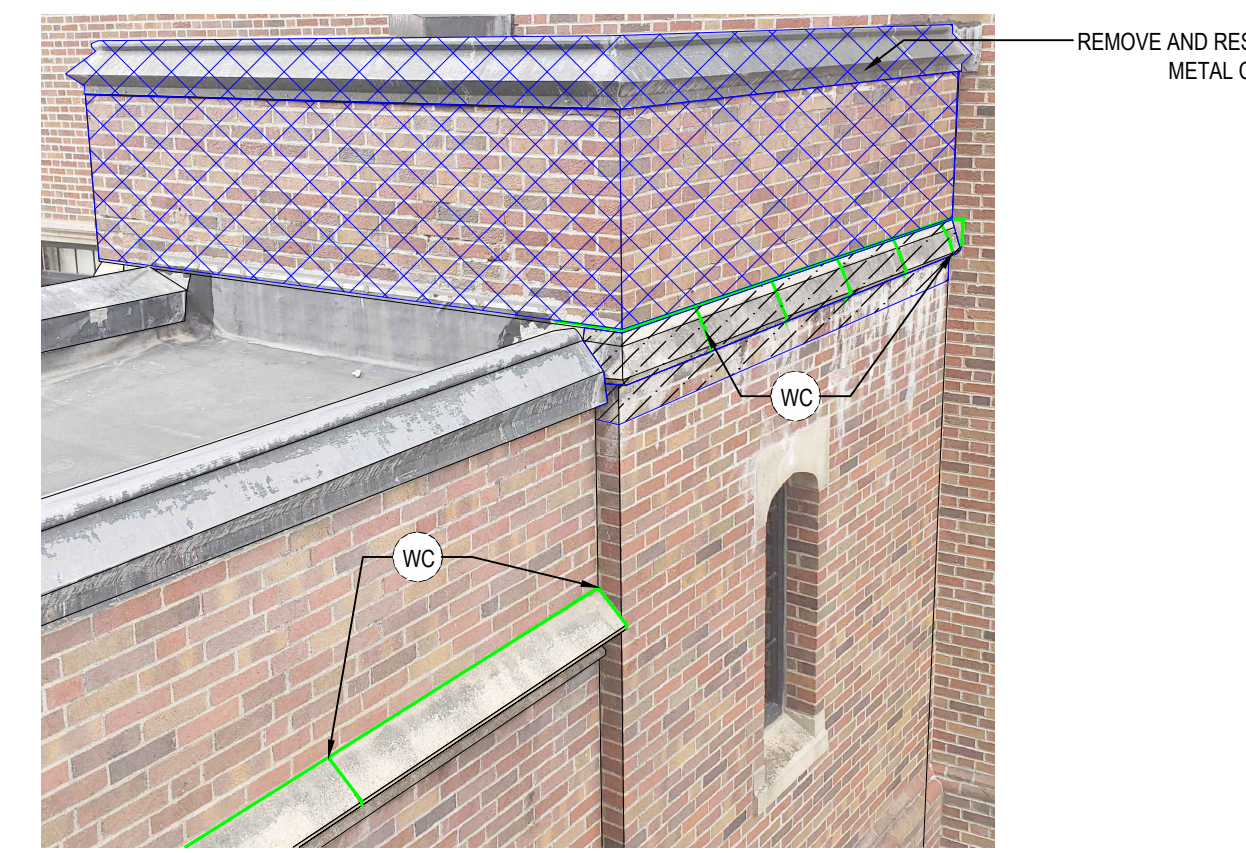
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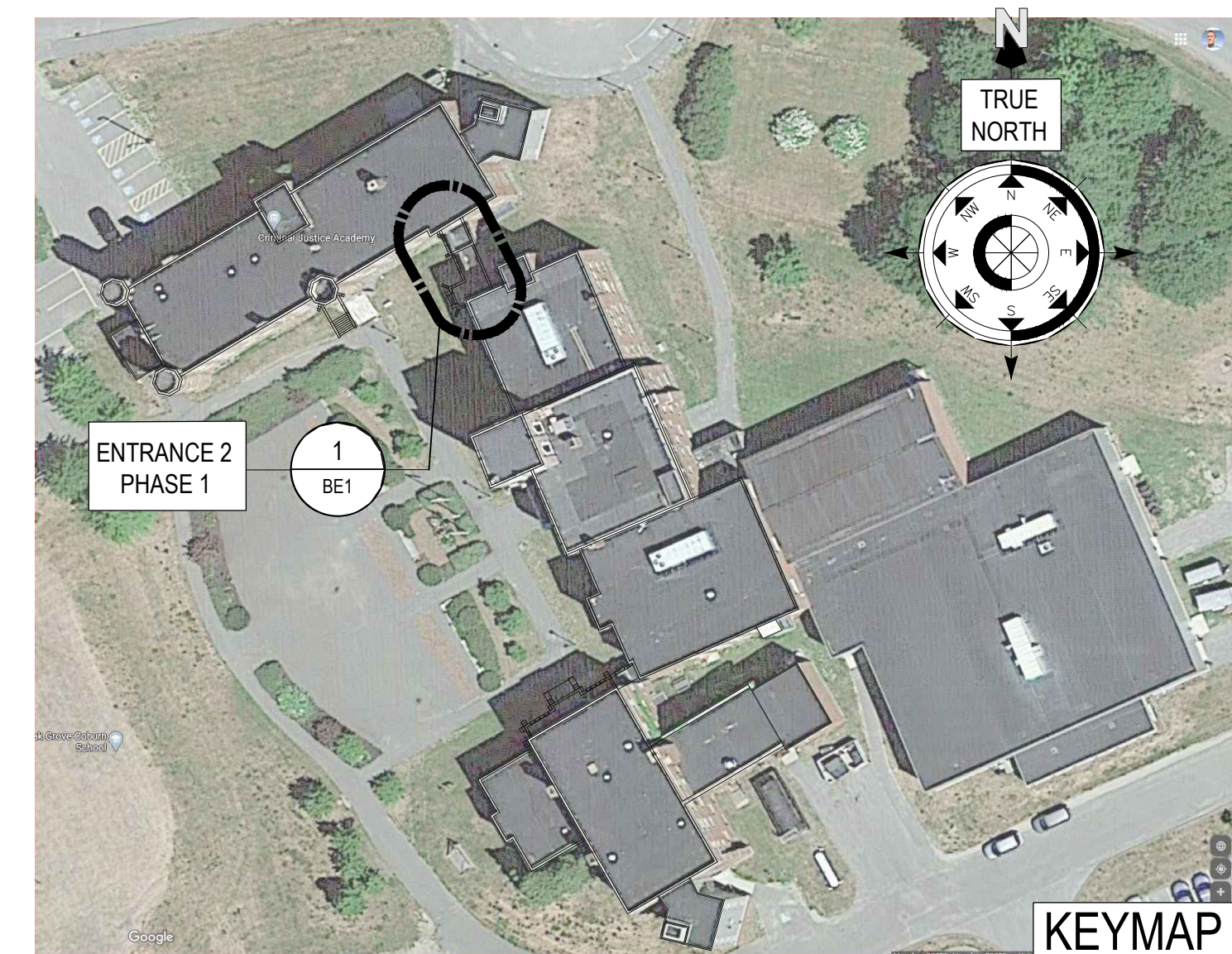
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8 ENTRANCE 2 ELEVATION  
N.T.S.

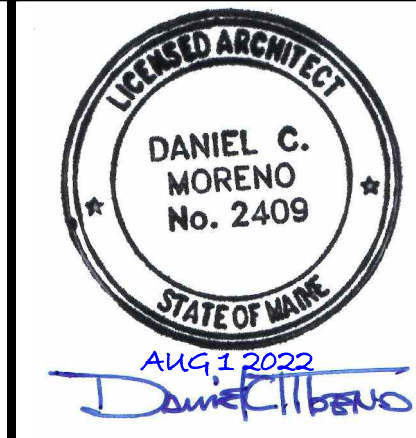


9 ENTRANCE 2 ELEVATION  
N.T.S.



**MASONRY REPAIR LEGEND**

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**LeMessurier.**

1 MADISON ST., FLOOR 2  
SOUTH PORTLAND, MAINE, 04106  
PHONE: 207-400-0086

PROJECT NAME / LOCATION  
**MAINE CRIMINAL JUSTICE ACADEMY  
MASONRY RESTORATION | CONNECTORS & ENTRANCES**  
15 OAK GROVE RD., VASSALBORO, ME 04089

DWG NAME  
**DETAILS**

DESCRIPTION  
SD SUBMISSION  
BID SUBMISSION

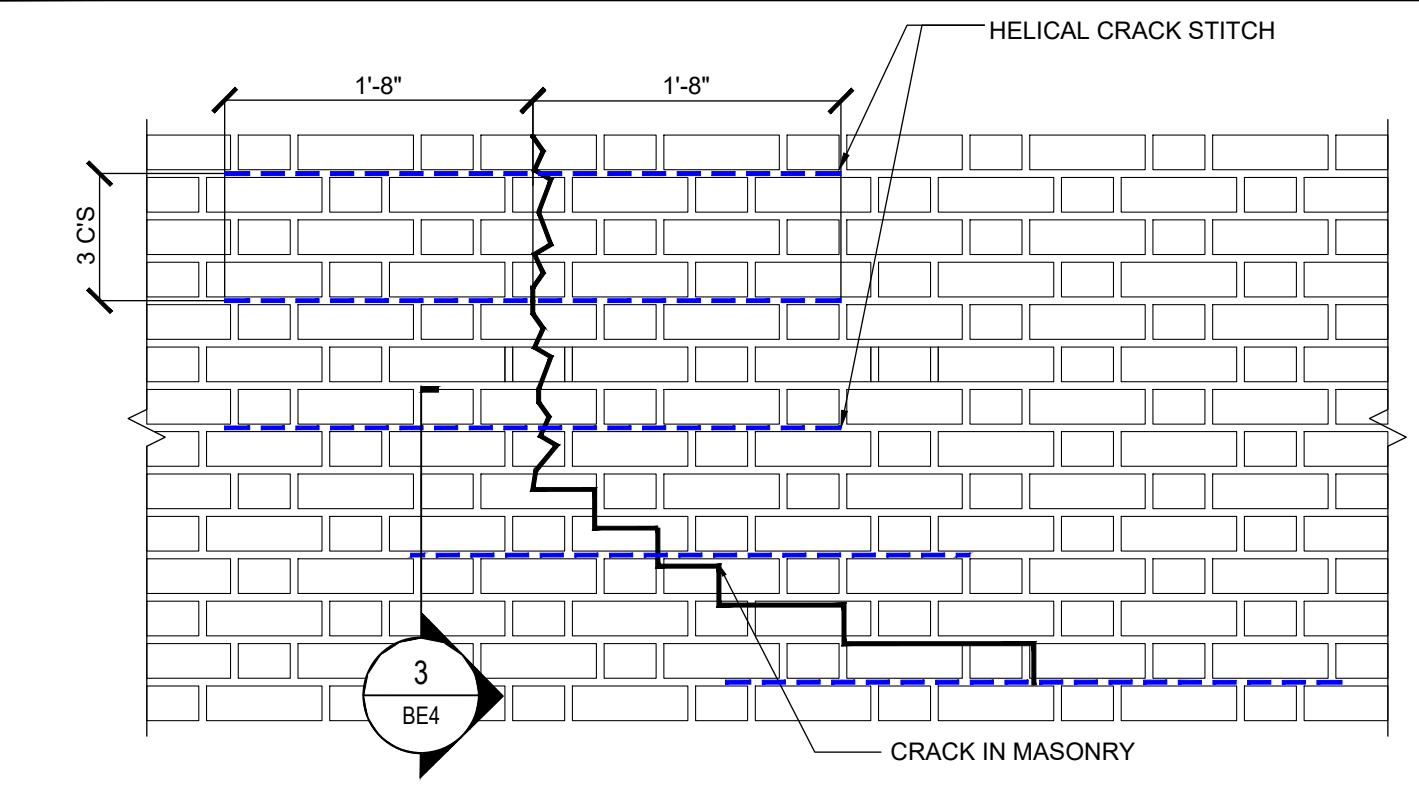
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1	08/01/22	
2		
3		
4		
5		
6		
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DESIGNED BY: RJH  
A / E OF REC: INITIALS  
ORIG DATE: 07/20/22  
QC BY: DCM  
QC DATE: 07/20/22

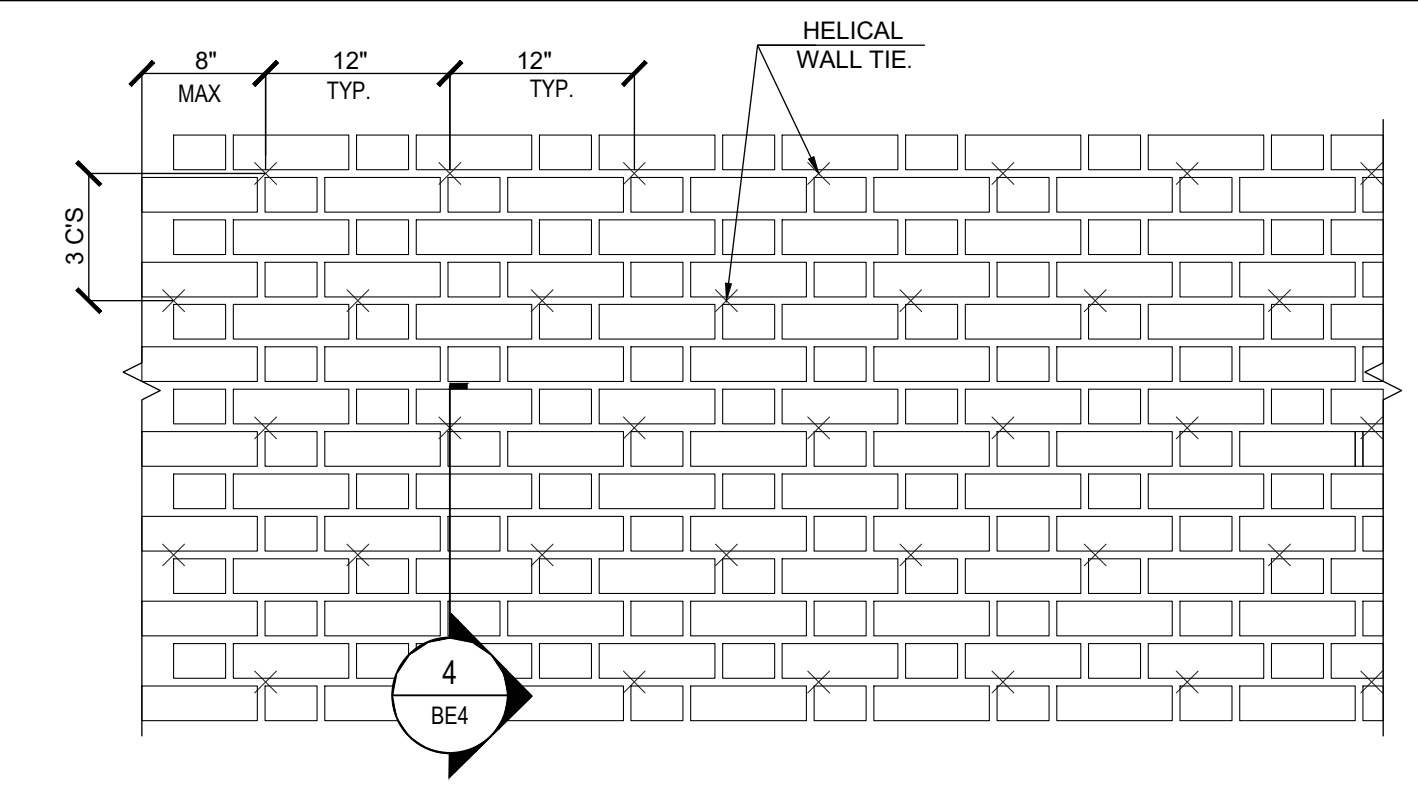
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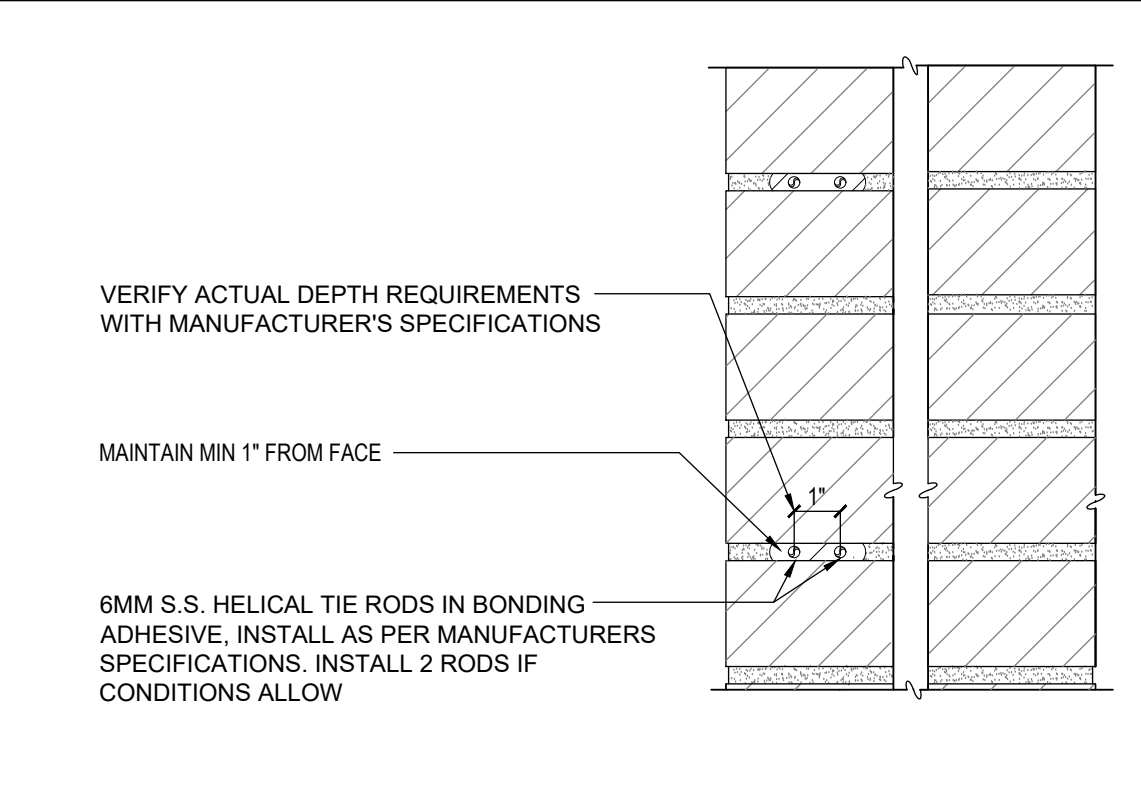
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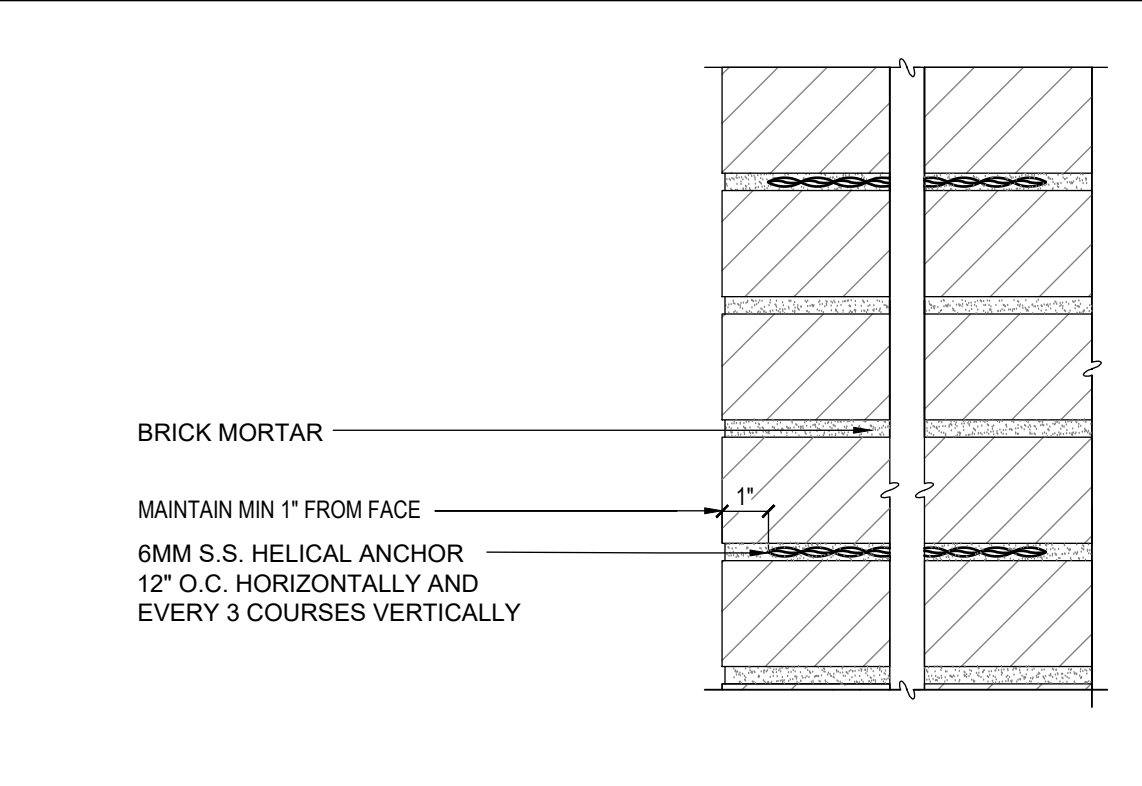
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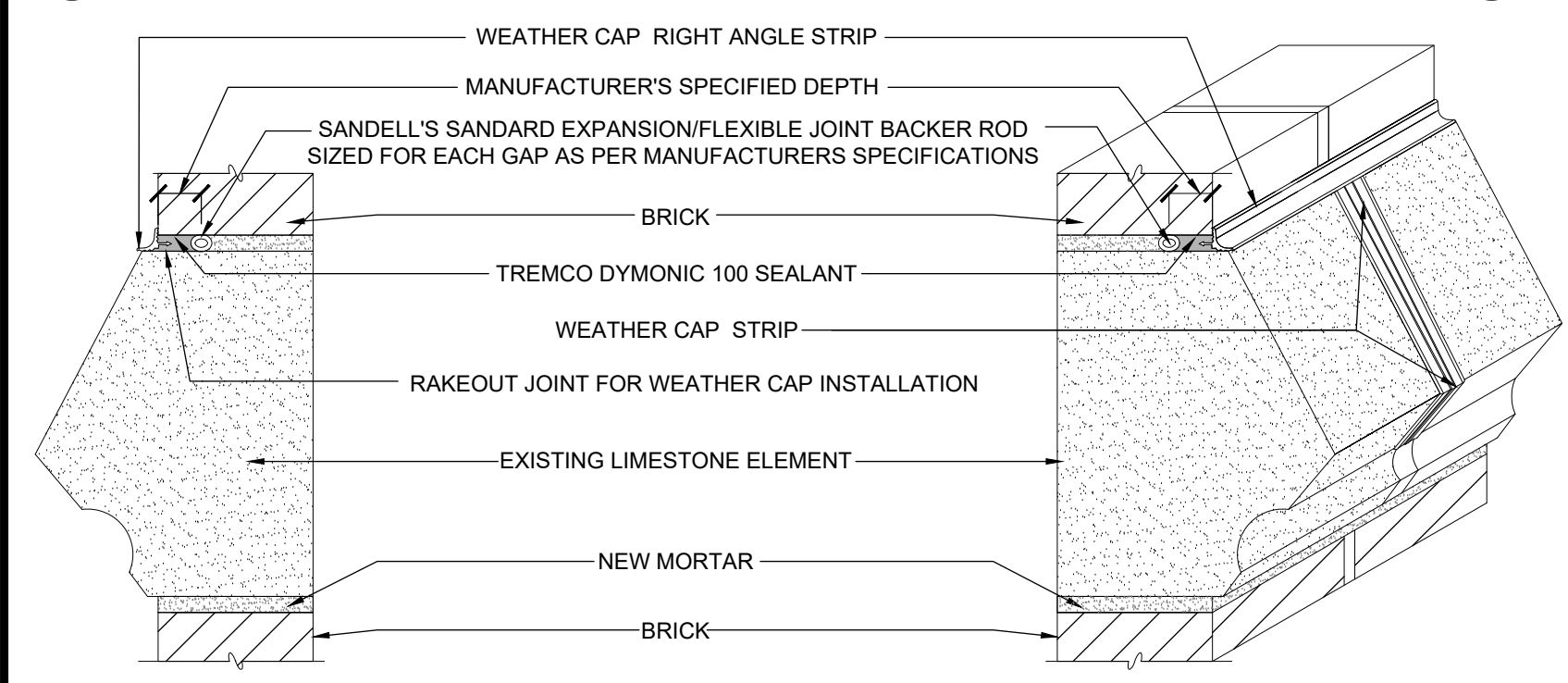
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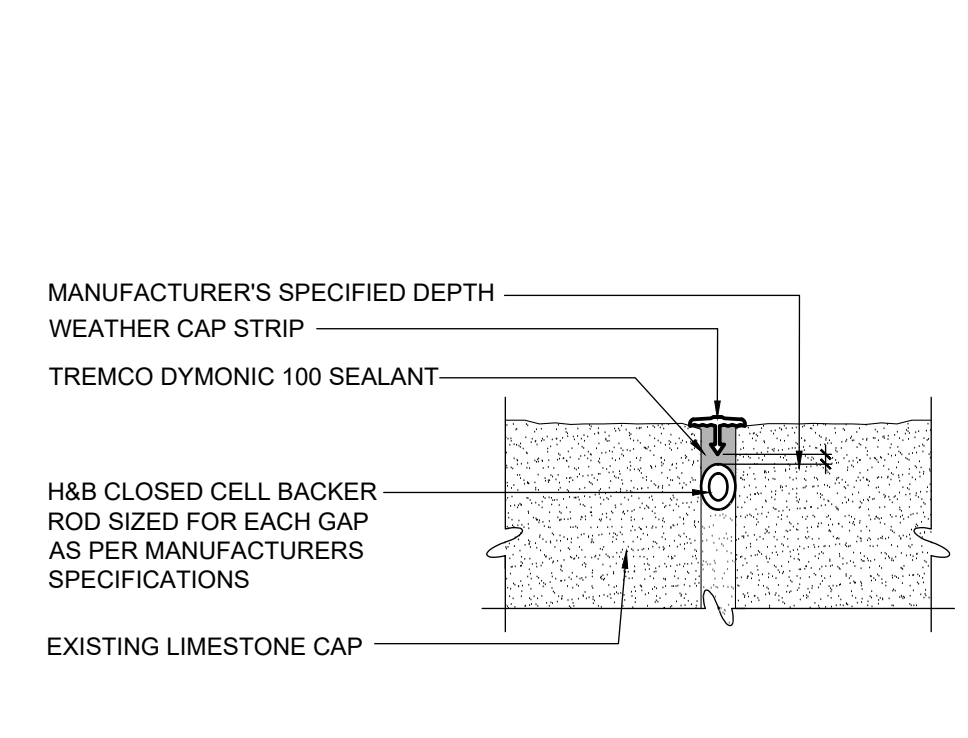
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3" = 1'-0"



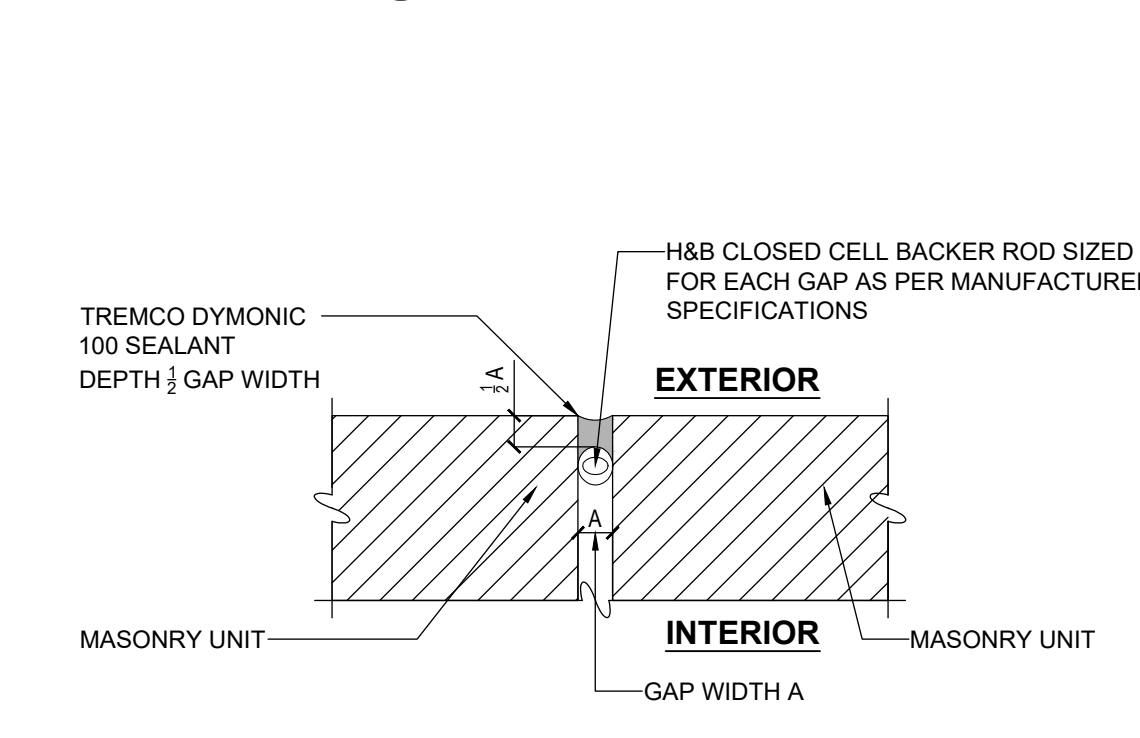
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3" = 1'-0"



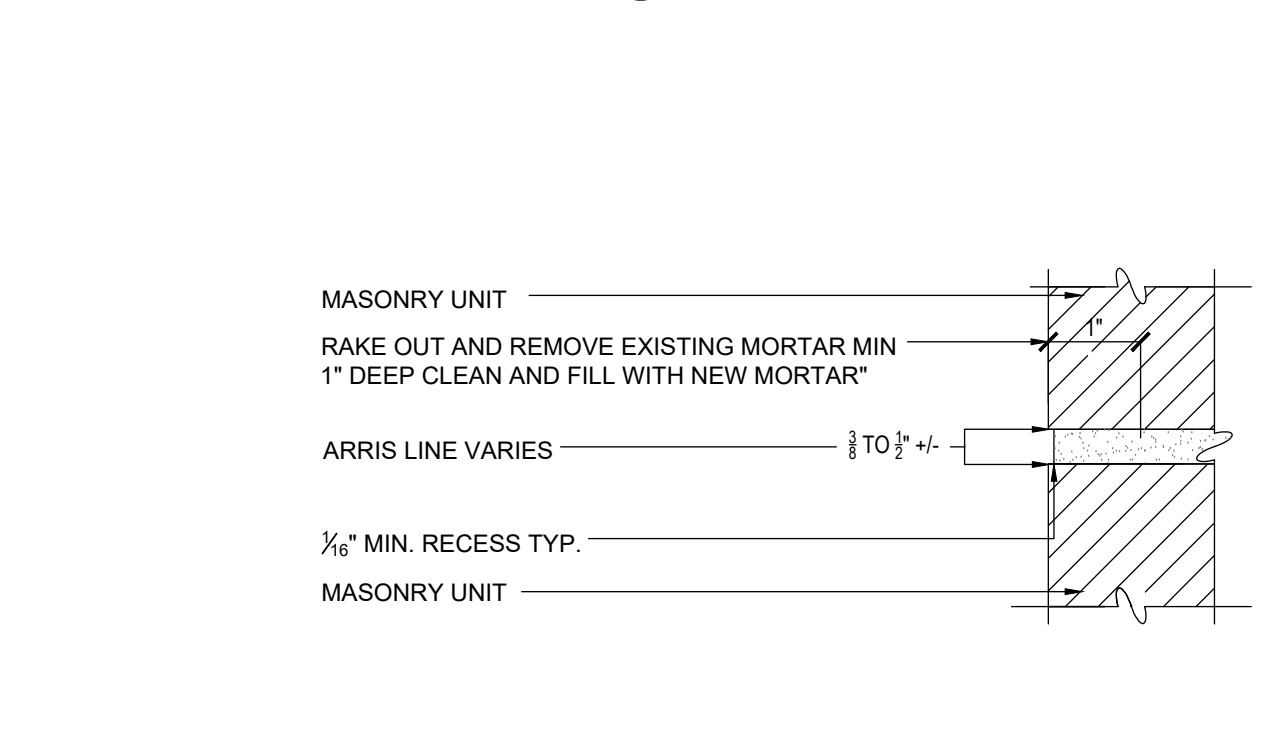
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3" = 1'-0"



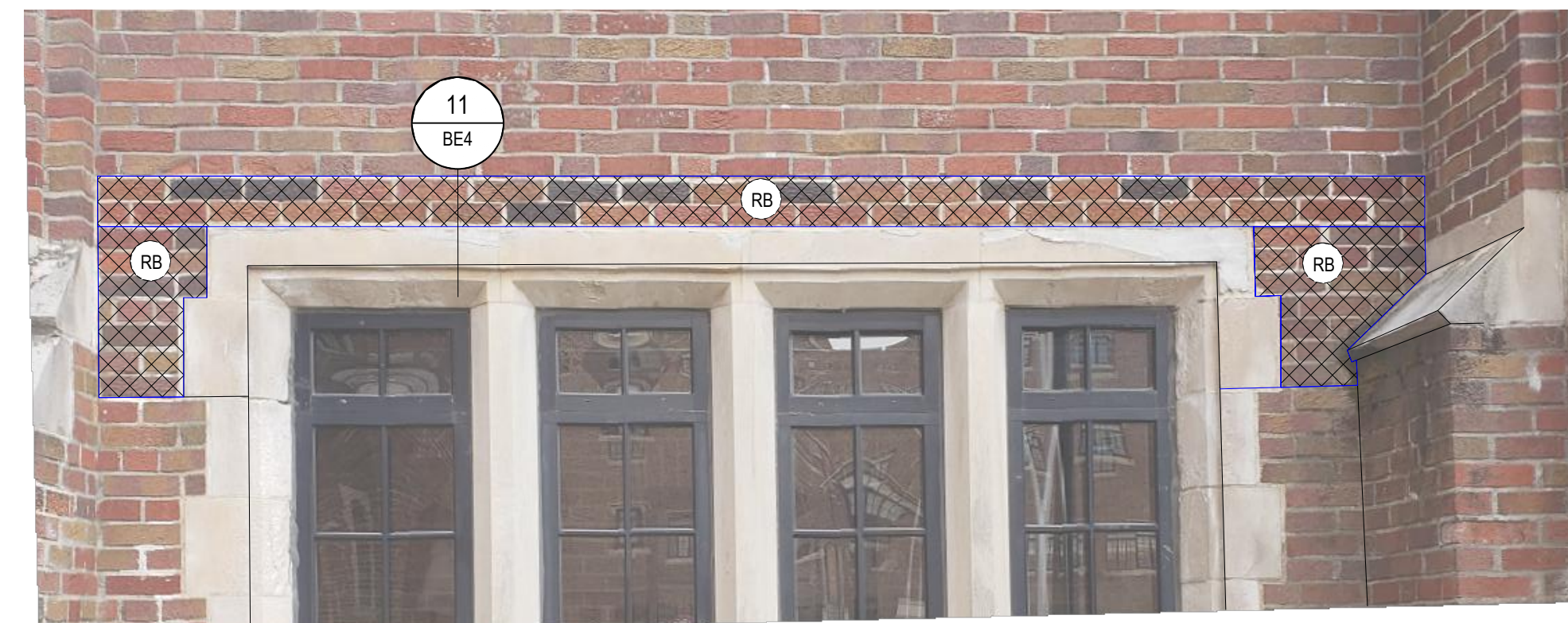
6 WEATHER CAP  
6" = 1'-0"



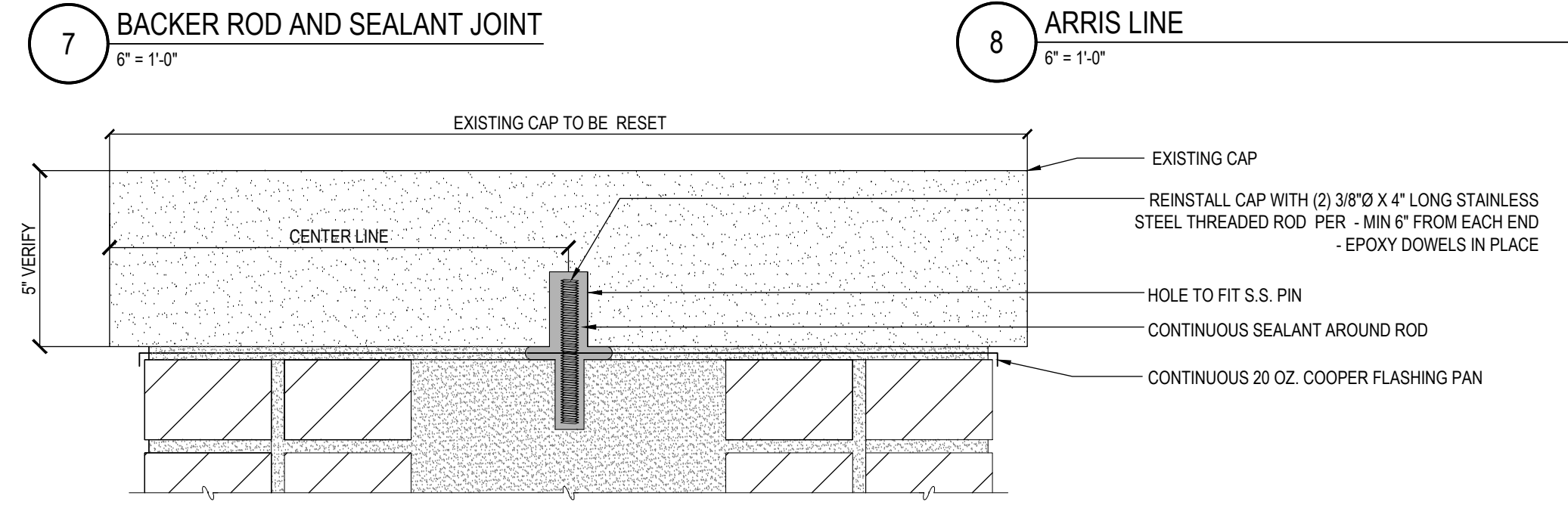
7 BACKER ROD AND SEALANT JOINT  
6" = 1'-0"



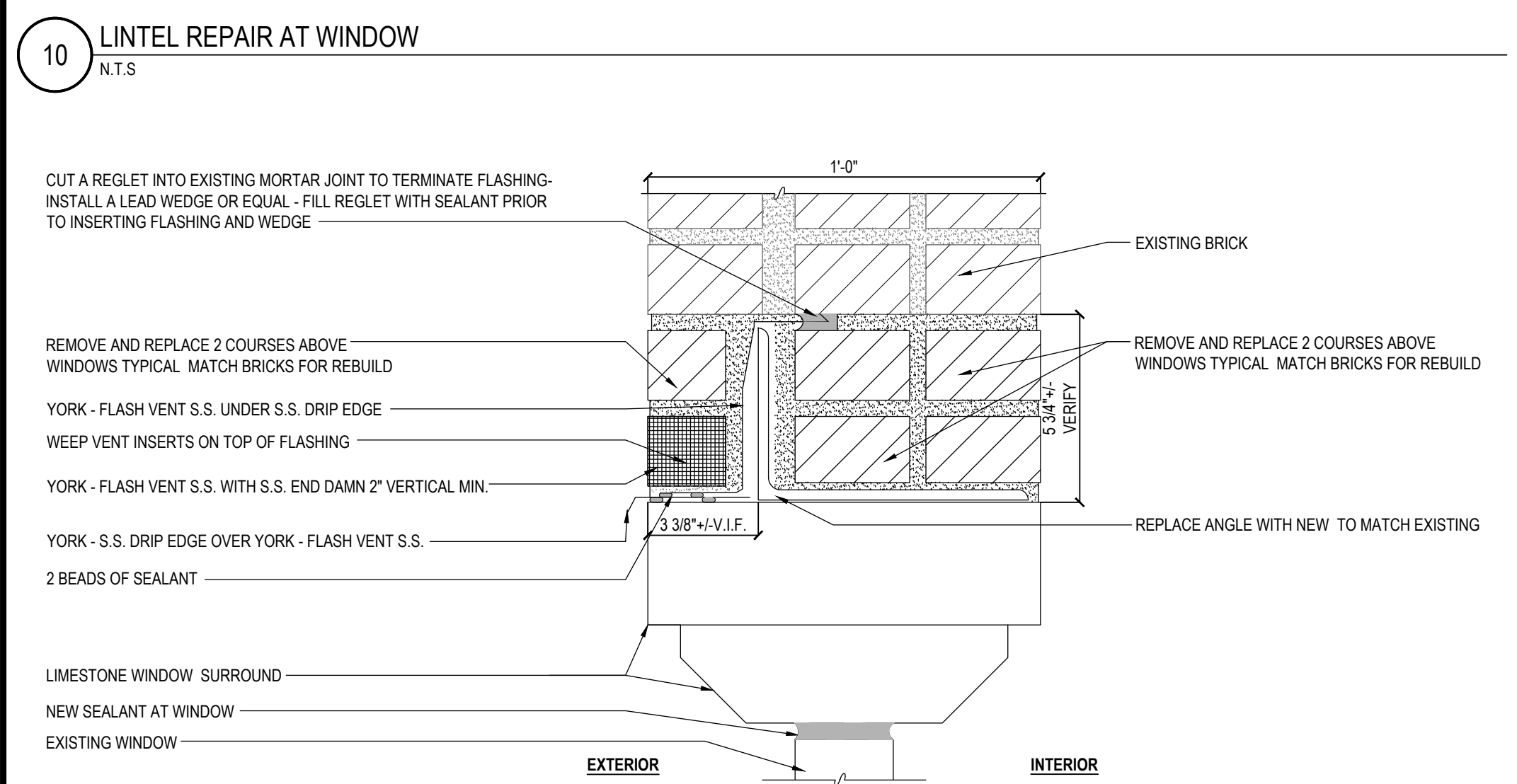
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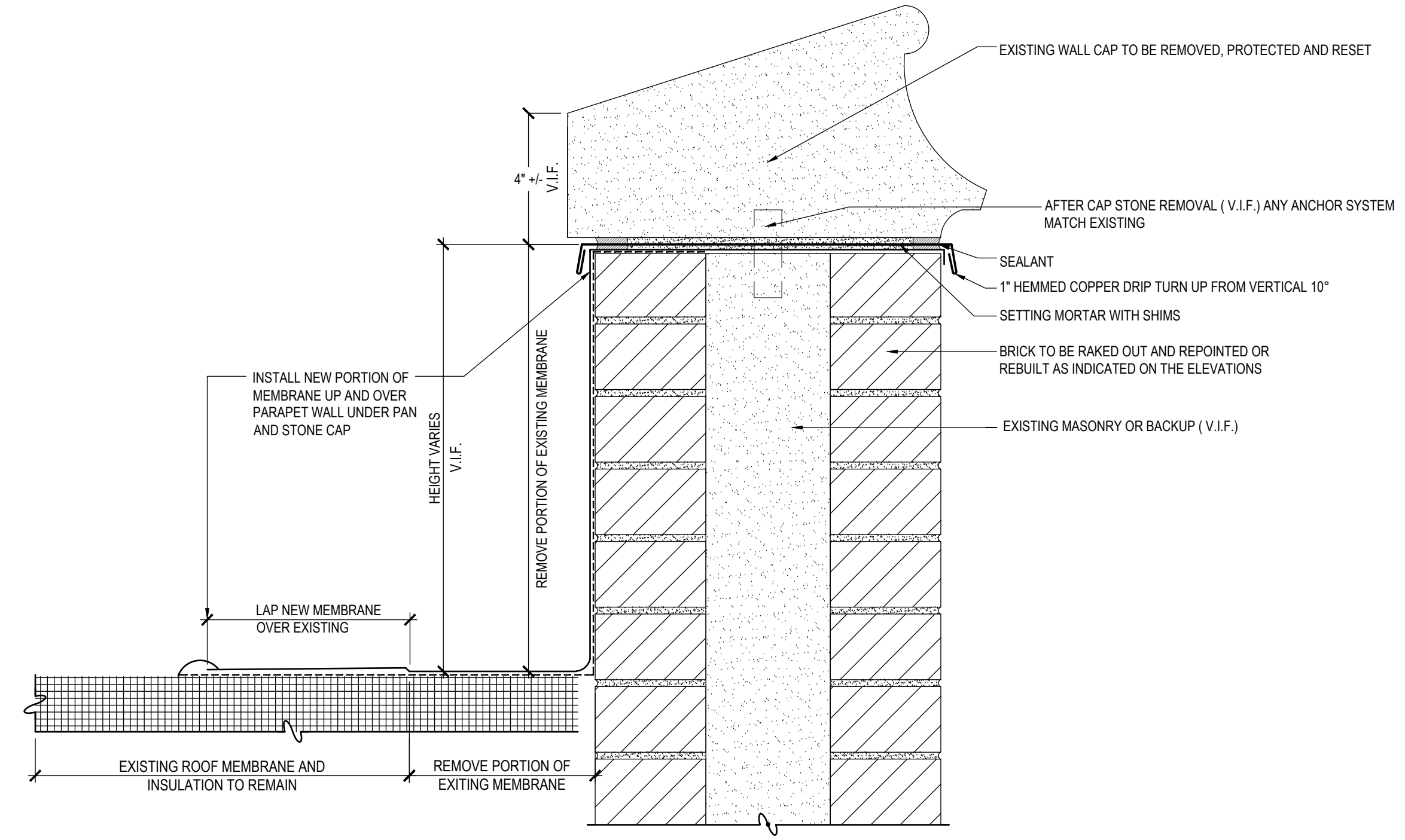
11 LINTEL REPAIR AT WINDOW  
N.T.S.



9 STAIR WALL CAP REBUILD  
3" = 1'-0"



10 LINTEL REPAIR AT WINDOW  
N.T.S.



12 PARAPET CAP STONE REBUILD  
3" = 1'-0"