

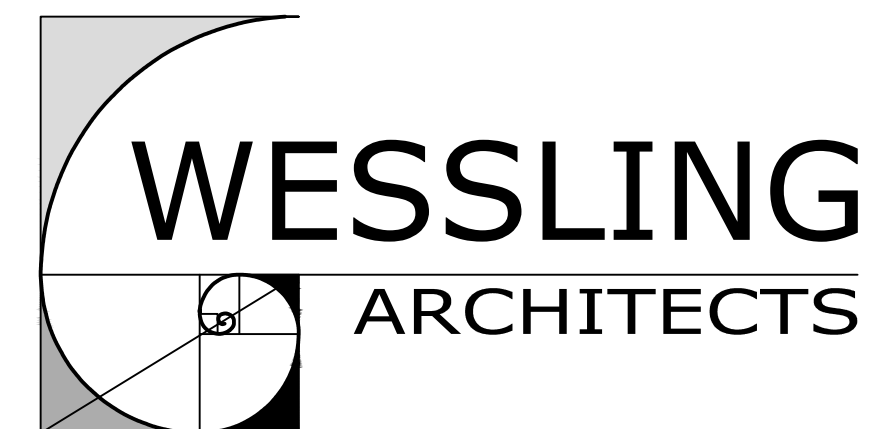
# ST. IGNATIUS CHURCH EXTERIOR RESTORATION - PHASE 2

28 COMMONWEALTH AVENUE, CHESTNUT HILL, MA 02467



## ST. IGNATIUS CHURCH

28 COMMONWEALTH AVENUE  
CHESTNUT HILL, MA 02467



350 GRANITE STREET, SUITE 1103  
BRAINTREE, MA 02184  
617-773-8150  
www.wesslingarchitects.com

ISSUED FOR CONSTRUCTION - 04/16/2026

PROFESSIONAL

### SUMMARY OF WORK

THE SCOPE OF WORK ON THIS PROJECT AS DEFINED BY THE CONTRACT DOCUMENTS INCLUDES THE FOLLOWING:

**PHASE 2 SCOPE OF WORK INCLUDES THE REMAINING BUILDING FAÇADES NOT INCLUDED IN PHASE 1. REFER TO THE DRAWINGS FOR ADDITIONAL INFORMATION.**

- REMOVE AND RECONSTRUCT EXISTING DISPLACED STAIR STEPS, LANDING, WING WALLS, AND ALL OTHER RELATED COMPONENTS TO REPLICATE ORIGINAL DESIGN WHERE INDICATED.
- REMOVE AND RECONSTRUCT PORTIONS OF EXISTING DISPLACED/CRACKED PROJECTING BUTTRESSES AND REPAIR/REPLACE CAST STONE CAPS.
- PERFORM REPAIR WORK AT GABLE END WALLS, INCLUDING REPLACEMENT OF EXISTING DETERIORATED SEALANT JOINTS.
- FURNISH AND INSTALL NEW PRE-FORMED LEAD T-CAP AT HORIZONTAL JOINTS OF GABLE END COPING.
- RAKE AND RE-POINT SELECT AREAS OF EXISTING MASONRY MORTAR JOINTS WITHIN THE AREA OF WORK.
- REMOVE ENVIRONMENTAL AND EFFLORESCENCE STAINING FROM SURFACE OF MASONRY.
- REMOVE AND REPLACE EXISTING RUSTED/DETERIORATED ENTRANCE RAILING.
- INSPECT ROOF TO COPING FLASHING, VALLEY FLASHING, AND PERFORM REPAIR WORK AS NEEDED.
- REPAIR/REPLACE EXISTING DAMAGED TILE ROOF SHINGLES.

### DRAWING LIST

SHEET NUMBER	DRAWING TITLE	ISSUED FOR REVIEW - 01/23/2026	ISSUED FOR PRICING - 02/02/2026	ISSUED FOR CONSTRUCTION - 04/16/2026	DRAWING & SKETCHES ISSUED DURING CONSTRUCTION
G-000	COVER SHEET	●	●	●	

#### GENERAL

G-000	COVER SHEET	●	●	●	
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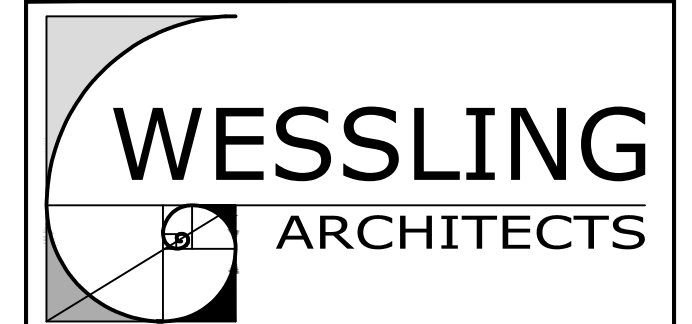
#### ARCHITECTURAL

A-101	STAIR PLAN AND SECTIONS	●	●	●	
A-102	STAIR PLAN AND SECTIONS	●	●	●	
A-201	EXISTING NORTH ELEVATION	●	●	●	
A-202	EXISTING SOUTH ELEVATION	●	●	●	
A-203	EXISTING EAST AND WEST ELEVATIONS	●	●	●	
A-501	NEW STAIR DETAILS	●	●	●	
A-502	MASONRY REPAIR DETAILS	●	●	●	
A-503	MASONRY REPAIR DETAILS	●	●	●	

### LOCUS PLAN

SCALE: N.T.S.





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BRAintree, MA 02184  
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CONSULTANTS:

PROJECT:  
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CLIENT:  
**ST. IGNATIUS CHURCH**  
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PROFESSIONAL

PREPARED BY A LICENSED ARCHITECT  
Any changes to this item can be a violation of the law unless altered by a licensed architect. Any alteration made to this item must be accompanied by a specific description of change or changes made; date change was made, as well as the seal of the licensed architect who made or oversaw the changes.

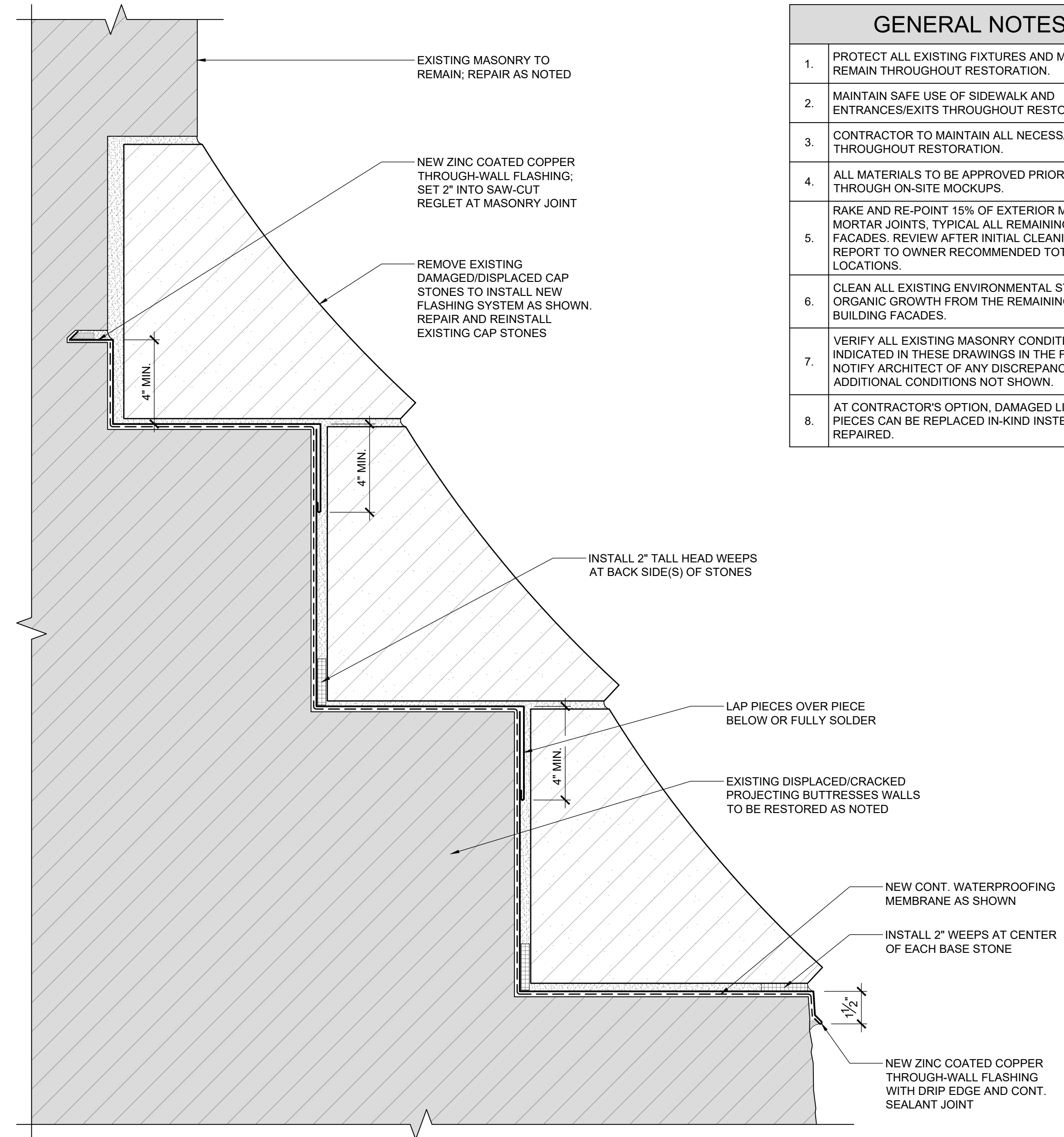
MARK	DATE	DESCRIPTION
	04/16/26	ISSUED FOR CONSTRUCTION
	02/02/26	ISSUED FOR PRICING
	01/23/26	ISSUED FOR REVIEW

PROJECT NO.: 25061  
DRAWN BY: RJ  
CHECKED BY: SAW  
DRAWING SCALE: AS NOTED

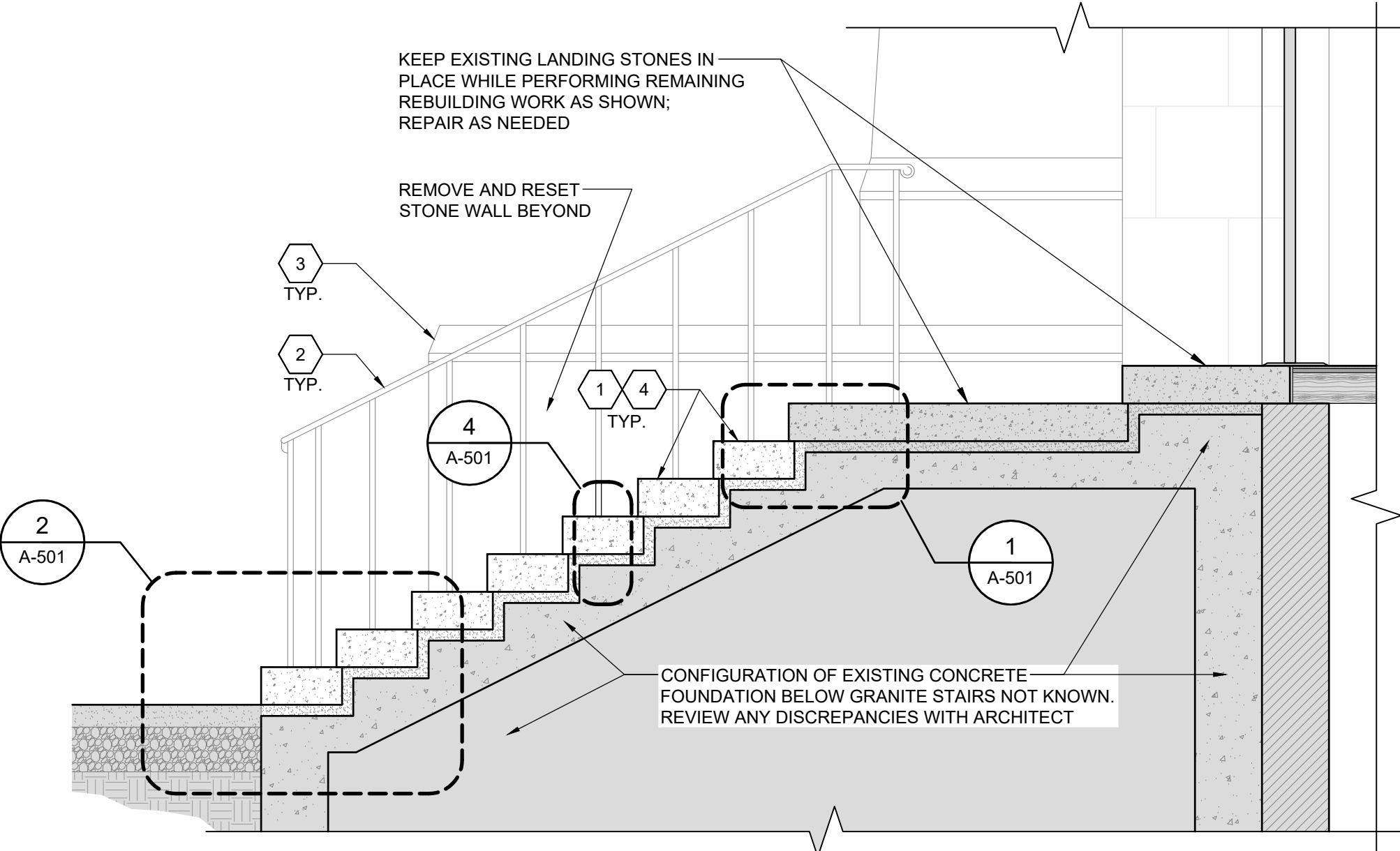
SHEET TITLE:  
**STAIR PLAN AND SECTIONS**

SHEET:  
**A-101**  
DO NOT SCALE DRAWING

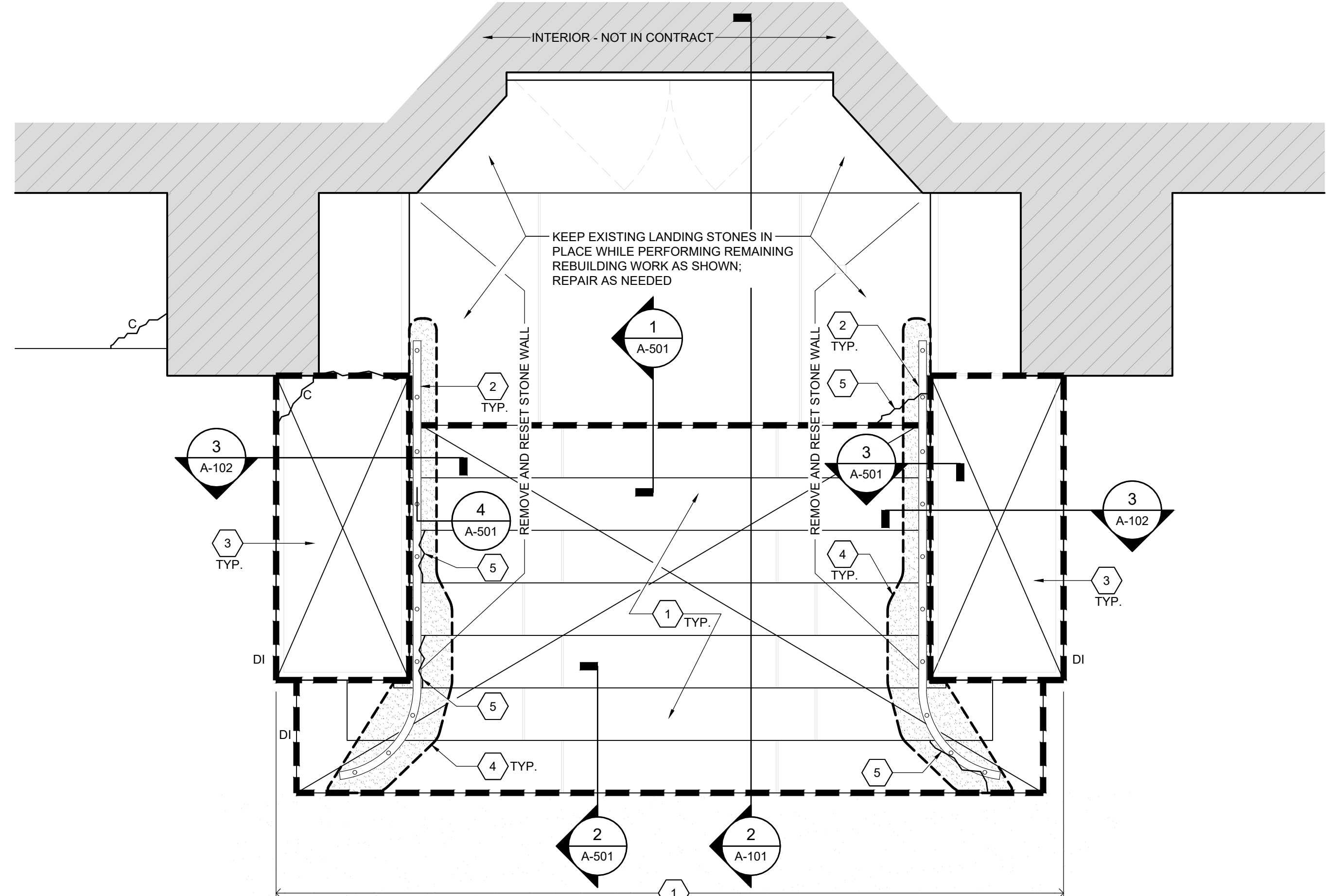
GENERAL NOTES	KEY NOTES	REPAIR NOTES	RESTORATION PRODUCT NOTES
1. PROTECT ALL EXISTING FIXTURES AND MATERIALS TO REMAIN THROUGHOUT RESTORATION.	CAREFULLY DOCUMENT AND LABEL ALL STONE, REMOVE AND SALVAGE FOR REINSTALLATION IN SAME LOCATION. REPAIR EXISTING CONCRETE FOUNDATION/ SUPPORT STRUCTURE BY CUTTING OUT DETERIORATED CONCRETE AND PATCHING WITH REPAIR MATERIAL. ALLOW 3 CUBIC FEET OF REPAIR VOLUME. INSTALL WATERPROOFING, DRAINAGE MAT, AND REINSTALL EXISTING STONE WITH NEW ANCHORS. REFER TO SHEET A-501 FOR MORE INFORMATION.	SURFACE SPALL LESS THAN 1"; REMOVE LOOSE MATERIAL. PREP SURFACE AND INSTALL THIN FILL REPAIR MORTAR. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. SMALL SPALL 1" TO 1.5" DEPTH; REMOVE LOOSE MATERIAL AND PREP VOID WITH SQUARE SHOULDERS. ADD S.S. MASONRY SCREWS INTO SOUND BLOCK WITH S.S. WIRES. INSTALL REPAIR MORTAR TO RESTORE MISSING MATERIAL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 3/A-502.	<b>NOTE:</b> PROVIDE MOCK-UPS OF ALL RESTORATION PRODUCTS FOR ARCHITECT AND OWNER REVIEW AND APPROVAL. MASONRY RESTORATION MATERIAL SPECIFICATIONS ARE BASED ON JAHN PRODUCTS FROM CATHEDRAL STONE PRODUCTS, INC. SIMILAR PRODUCTS FROM EDISON COATINGS, INC. OR KEIM MINERAL COATINGS OF AMERICA CAN BE SUBMITTED FOR APPROVAL.
2. MAINTAIN SAFE USE OF SIDEWALK AND ENTRANCES/EXITS THROUGHOUT RESTORATION.	EXISTING DETERIORATED/RUSTED ENTRANCE RAILING TO BE REMOVED, RESTORED, AND REINSTALLED. REFER TO DETAIL 4/A-501.	MEDIUM SPALL UP TO 2" DEPTH; CUT OUT LOOSE MATERIAL AND PREP VOID WITH SQUARE SHOULDERS. ADD S.S. PINS INTO SOUND BLOCK WITH S.S. WIRE MESH. INSTALL REPAIR MORTAR TO RESTORE MISSING MATERIAL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 4/A-502.	1. NEW MASONRY REBUILDING AND REPOINTING MORTAR TO BE JAHN M110 HISTORIC POINTING MORTAR, CUSTOM FORMULATED TO BE 20% WEAKER THAN EXISTING MASONRY MATERIALS AND REPAIR MORTARS.
3. CONTRACTOR TO MAINTAIN ALL NECESSARY PERMITS THROUGHOUT RESTORATION.	CAREFULLY LABEL AND REMOVE EXISTING LIMESTONE CAP STONES. REPAIR SPALLS AND CRACKS AS NOTED. INSTALL NEW THROUGH-WALL FLASHING AND REINSTALL CAP STONES WITH BACKER ROD AND SEALANT AT HEAD JOINTS. REFER TO DETAILS 182/A-502, 3/A-101, AND 3/A-102.	LARGE (LOOSE) SPALL GREATER THAN 2" DEPTH; LARGE SECTION OF LOOSE MATERIAL. CAREFULLY REMOVE LOOSE MATERIAL AND REINSTALL LOOSE PIECE BACK TO PARENT STONE WITH ADHESIVE AND S.S. PINS INTO SOUND BLOCK WITH S.S. WIRE MESH. INSTALL REPAIR MORTAR TO RESTORE MISSING MATERIAL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 5/A-502.	2. NEW MASONRY TIES TO BE HOHMANN & BARNARD 345 BT FLEXIBLE TIE, OR APPROVED EQUAL.
4. ALL MATERIALS TO BE APPROVED PRIOR TO USE THROUGH ON-SITE MOCKUPS.	REMOVE EXISTING RUST STAINING FROM THE SURFACE OF EXISTING STONE STEPS AND LANDING.	CRITICAL SPALL; PIECE BEYOND REPAIR. REMOVE AND REPLACE WITH NEW MASONRY UNIT. TOOTH-IN TO EXISTING WALL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 788/A-502.	3. LIMESTONE PATCHING COMPOUND: PROVIDE JAHN M70 LIMESTONE REPAIR MORTAR, CUSTOM COLORED TO MATCH EXISTING MASONRY MATERIALS. PRODUCT TO BE COMPATIBLE WITH EXISTING MATERIAL.
5. RAKE AND RE-POINT 15% OF EXTERIOR MASONRY MORTAR JOINTS, TYPICAL ALL REMAINING BUILDING FACADES. REVIEW AFTER INITIAL CLEANING AND REPORT TO OWNER RECOMMENDED TOTAL SF LOCATIONS.	ADHERE CRACKED PIECE TO PARENT STONE WITH ADHESIVE AND STAINLESS STEEL PINS PRIOR TO REINSTALLATION. REFER TO DETAIL 4/A-503.	EXISTING EFFLORESCENCE, ENVIRONMENTAL, OR RUST STAINING; CAREFULLY CLEAN TO REMOVE STAINS WITHOUT DAMAGING STONE.	4. STONE PATCHING COMPOUND: PROVIDE JAHN M160 GRANITE REPAIR MORTAR AS MANUFACTURED BY CATHEDRAL STONE PRODUCTS, INC. OR APPROVED EQUAL. COLOR TO MATCH CLEANED EXISTING STONE FACE.
6. CLEAN ALL EXISTING ENVIRONMENTAL STAINING AND ORGANIC GROWTH FROM THE REMAINING MASONRY BUILDING FACADES.	EXISTING RAILINGS. PERFORM REPAIR WORK AT STAIRS AND CONCRETE RAMPS AS NOTED. RESTORE EXISTING RAILINGS WITH NEW COLOR GALVANIZED POST BASES. REFER TO SHEET A-501 FOR ADDITIONAL INFORMATION.	EXISTING DE-BONDED MASONRY OR LIMESTONE UNIT TO BE REINFORCED IN PLACE. REFER TO DETAIL 3/A-503.	5. LIMESTONE ADHESIVE TO BE NATURAL ADHESIVE BY CATHEDRAL STONE PRODUCTS, INC.
7. VERIFY ALL EXISTING MASONRY CONDITIONS INDICATED IN THESE DRAWINGS IN THE FIELD, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES OR ADDITIONAL CONDITIONS NOT SHOWN.	REMOVE EXISTING DETERIORATED/FAILED SEALANT JOINTS AND REPLACE WITH NEW BACKER ROD AND SEALANT JOINTS AT LOWER ROOF THROUGH-WALL FLASHINGS AND STEEP SLOPE ROOF TO MASONRY STEP FLASHINGS. INSTALL WEEP BAFFLES AT STEP FLASHING VERTICAL JOINTS. ALL SEALANTS TO BE SANDED FACE.	EXISTING DISPLACED MASONRY OR LIMESTONE; CAREFULLY REMOVE AND REINSTALL MASONRY OR LIMESTONE UNITS. INSTALL S.S. WALL TIES AT 16" O.C. EACH WAY, AND STAINLESS STEEL DOWELS AS SHOWN ON 3/A-102.	6. LIQUID STRIPPABLE MASKING AGENT: PROSOCO SURE KLEAN STRIPPABLE MASKING OR APPROVED EQUAL.
8. AT CONTRACTOR'S OPTION, DAMAGED LIMESTONE PIECES CAN BE REPLACED IN-KIND INSTEAD OF REPAIRED.	RECONSTRUCT DISPLACED MASONRY AT SIDE WALLS OF STAIR AND RE-POINT WALL. RESET CAP STONES WITH NEW THROUGH-WALL FLASHING. REFER TO DETAIL 3/A-102 SIM. EXCAVATE BACK SIDE OF WALL AND WATERPROOF WITH TREMCO TREMPROOF 250GCG. RE-GRADE AWAY FROM WALL.	EXISTING ABANDONED ANCHOR TO BE REMOVED AND THE HOLE FILLED WITH REPAIR MATERIAL.	7. CLEANING MATERIALS: PROVIDE CLEANING MATERIALS FROM PROSOCO, INC. OR APPROVED PRODUCTS BY CATHEDRAL STONE OR EDISON COATINGS, INC. - GENERAL CLEANING: EK RESTORATION CLEANER - RESISTANT STAIN CLEANING: HEAVY DUTY RESTORATION CLEANER - IRON STAIN CLEANING: SURE KLEAN FERROUS STAIN REMOVER - EFFLORESCENCE CLEANING: SURE KLEAN WHITE SCUM REMOVER - ASPHALT AND TAR REMOVER: SURE KLEAN ASPHALT AND TAR REMOVER - OTHER CLEANING PRODUCTS AS RECOMMENDED BY MANUFACTURER'S REP FOR SPECIFIC STAINS ENCOUNTERED IN THE AREA OF WORK.
	REPAIR DAMAGED STONE WINDOW SURROUND ON THE INTERIOR OF THIS WINDOW.	EXISTING LOOSE CLAY TILE SHINGLE TO BE REMOVED AND REINSTALLED.	8. ANTI-RUST COATING: PRIME STEEL WITH TWO (2) COATS OF SIKA ARMATEC 110 EPOCME AS PER MANUFACTURER'S WRITTEN SPECIFICATION.
		EXISTING CRACK THROUGH MASONRY; ROUT AND REPAIR WITH ADHESIVE AND REPAIR MORTAR. REFER TO DETAIL 6/A-502.	9. NEW SHEET METAL FLASHING TO BE 20 OZ. ZINC COATED COPPER.
		EXISTING HOLE THROUGH MASONRY JOINT OR METAL TO BE REPAIRED AND FILLED WITH REPAIR MATERIAL.	10. NEW WATERPROOFING MEMBRANE FLASHING TO BE GRACE VYCOR ULTRA SELF-ADHERED UNDERLAYMENT BY CERTAINTEED.
		EXISTING ABANDONED ANCHOR TO BE REMOVED AND THE HOLE FILLED WITH REPAIR MATERIAL.	11. NEW SEALANT TO BE POLYURETHANE TREMCO, INC. DYMONIC 100 OR APPROVED EQUAL. PROVIDE TYPE B BICELLULAR CYLINDRICAL SEALANT BACKING MATERIAL. PROVIDE SANDED FACE AT SEALANT JOINTS AT PENETRATIONS.



**3** NEW THROUGH-WALL FLASHING AT EXISTING PROJECTING BUTTRESSES CAP STONES  
3"=1'-0"



**2** EXISTING SOUTH ENTRANCE STAIR SECTION  
1/2"=1'-0"



**1** EXISTING SOUTH ENTRANCE PLAN  
1/2"=1'-0"

Project: 25061 - St. Ignatius Church Exterior Restoration Phase 2 (25061-02) - 11/18/2025  
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 Time: 11:44 AM  
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 Plot Date: 11/18/2025 11:44 AM  
 Plot Time: 11:44 AM  
 Plot User: jwheeler

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CONSULTANTS:

PROJECT:

**ST. IGNATIUS CHURCH EXTERIOR RESTORATION PHASE 2**

28 COMMONWEALTH AVENUE  
CHESTNUT HILL, MA 02467

CLIENT:

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PREPARED BY A LICENSED ARCHITECT

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MARK	DATE	DESCRIPTION
	04/16/26	ISSUED FOR CONSTRUCTION
	02/02/26	ISSUED FOR PRICING
	01/23/26	ISSUED FOR REVIEW

PROJECT NO.:	25061
DRAWN BY:	MG / RJ
CHECKED BY:	SAW
DRAWING SCALE:	AS NOTED

SHEET TITLE:

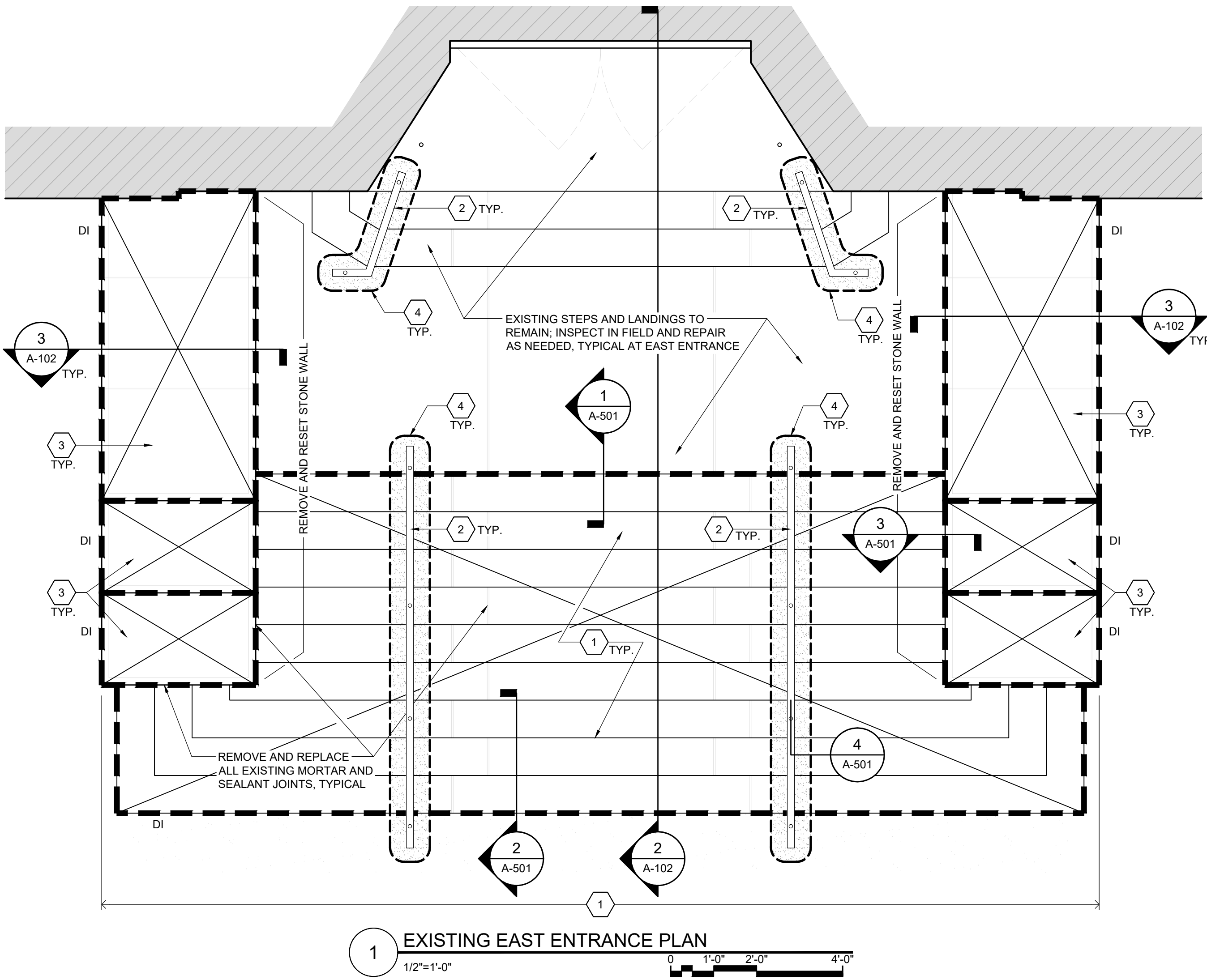
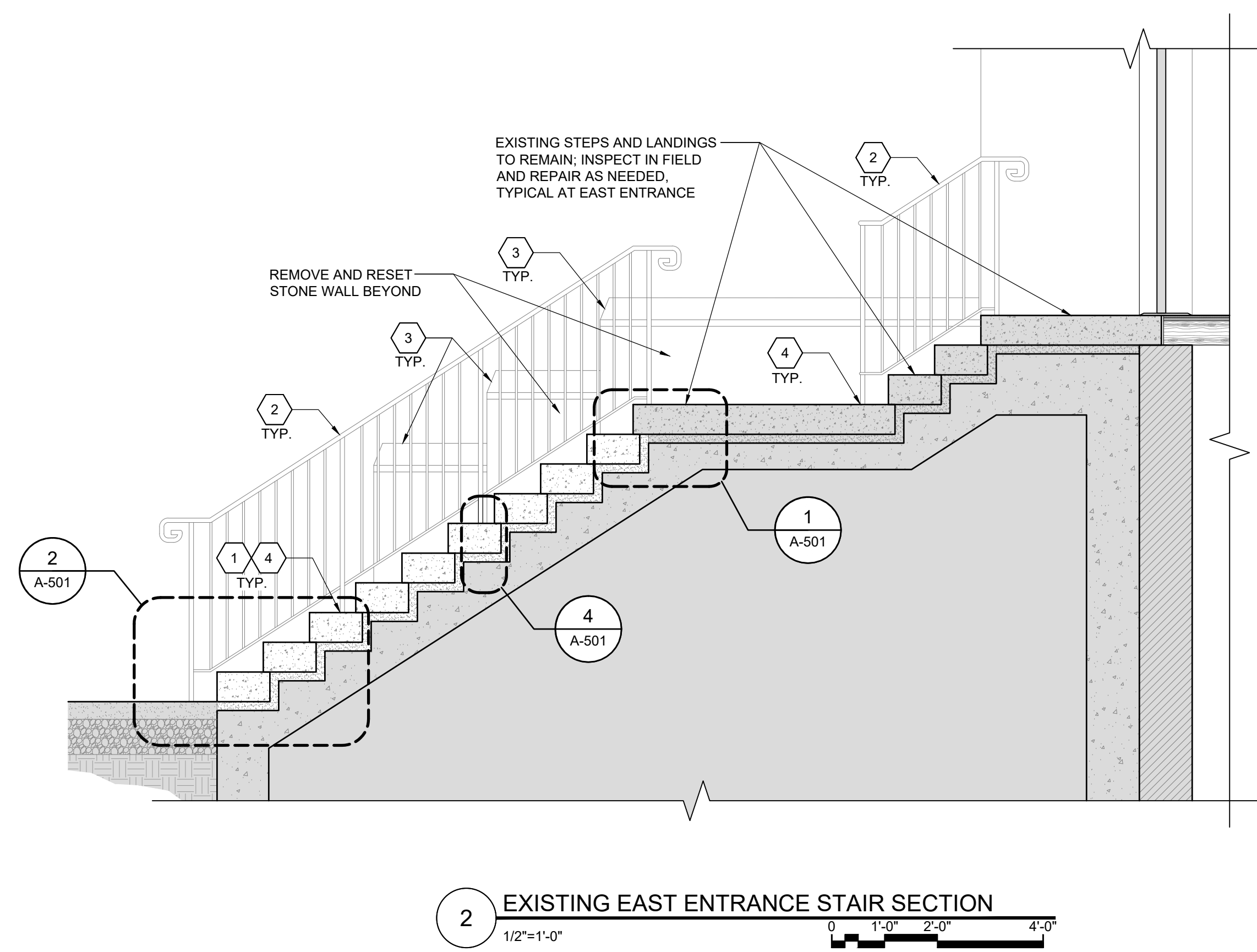
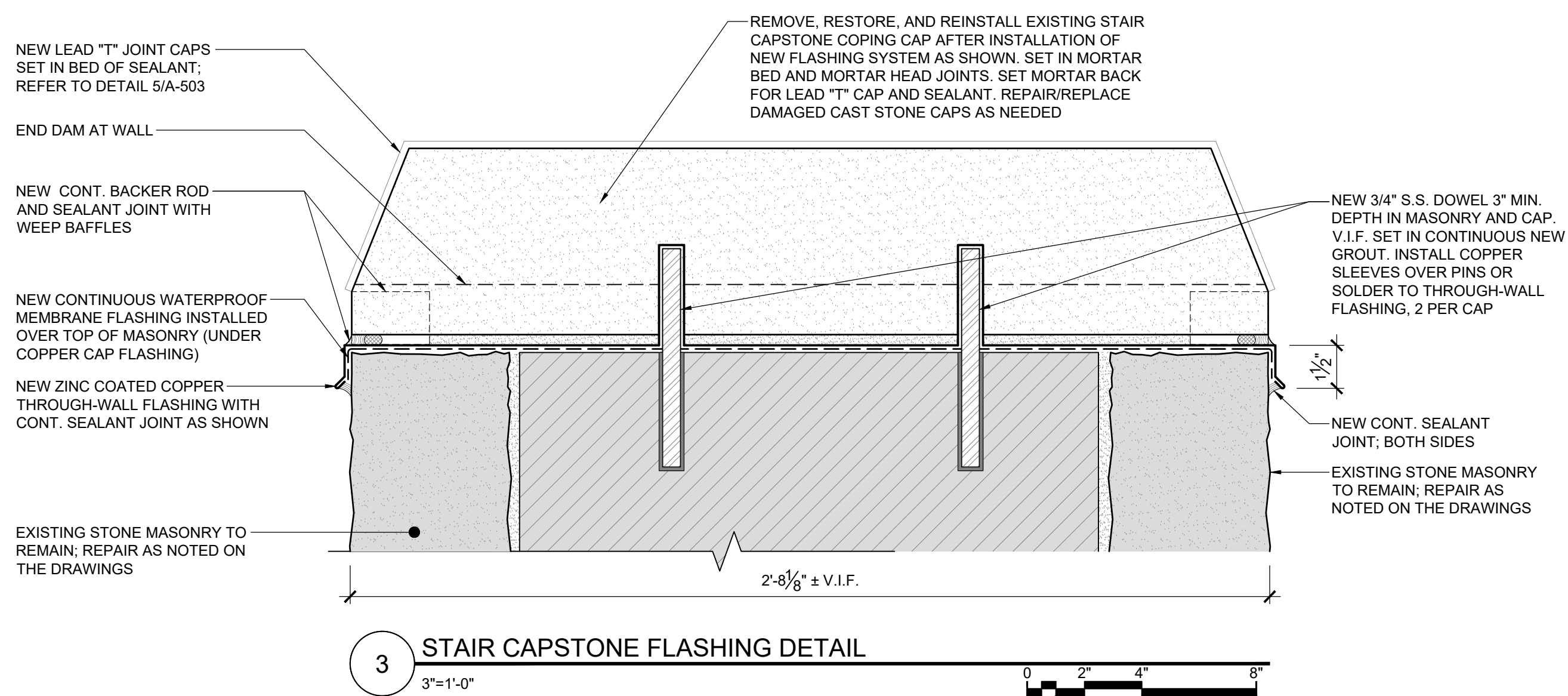
**STAIR PLAN AND SECTIONS**

SHEET:

**A-102**

DO NOT SCALE DRAWING

GENERAL NOTES	KEY NOTES	REPAIR NOTES	RESTORATION PRODUCT NOTES
1. PROTECT ALL EXISTING FIXTURES AND MATERIALS TO REMAIN THROUGHOUT RESTORATION.	CAREFULLY DOCUMENT AND LABEL ALL STONE. REMOVE AND SALVAGE FOR REINSTALLATION IN SAME LOCATION. REPAIR EXISTING CONCRETE FOUNDATION/ SUPPORT STRUCTURE BY CUTTING OUT DETERIORATED CONCRETE AND PATCHING WITH REPAIR MATERIAL. ALLOW 3 CUBIC FEET OF REPAIR VOLUME. INSTALL WATERPROOFING, DRAINAGE MAT, AND REINSTALL EXISTING STONE WITH NEW ANCHORS. REFER TO SHEET A-501 FOR MORE INFORMATION.	SURFACE SPALL LESS THAN 1"; REMOVE LOOSE MATERIAL. PREP SURFACE AND INSTALL THIN FILL REPAIR MORTAR. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING.	PROVIDE MOCK-UPS OF ALL RESTORATION PRODUCTS FOR ARCHITECT AND OWNER REVIEW AND APPROVAL. MASONRY RESTORATION MATERIAL SPECIFICATIONS ARE BASED ON JAHN PRODUCTS FROM CATHEDRAL STONE PRODUCTS, INC. SIMILAR PRODUCTS FROM EDISON COATINGS, INC. OR KEIM MINERAL COATINGS OF AMERICA CAN BE SUBMITTED FOR APPROVAL.
2. MAINTAIN SAFE USE OF SIDEWALK AND ENTRANCES/EXITS THROUGHOUT RESTORATION.	EXISTING DETERIORATED/RUSTED ENTRANCE RAILING TO BE REMOVED, RESTORED, AND REINSTALLED. REFER TO DETAIL 4/A-501.	SMALL SPALL 1" TO 1.5" DEPTH; REMOVE LOOSE MATERIAL AND PREP VOID WITH SQUARE SHOULDERS. ADD S.S. MASONRY SCREWS INTO SOUND BLOCK WITH S.S. WIRES. INSTALL REPAIR MORTAR TO RESTORE MISSING MATERIAL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 3/A-502.	<b>NOTE:</b> 1. NEW MASONRY REBUILDING AND REPOINTING MORTAR TO BE JAHN M110 HISTORIC POINTING MORTAR, CUSTOM FORMULATED TO BE 20% WEAKER THAN EXISTING MASONRY MATERIALS AND REPAIR MORTARS.
3. CONTRACTOR TO MAINTAIN ALL NECESSARY PERMITS THROUGHOUT RESTORATION.	CAREFULLY LABEL AND REMOVE EXISTING LIMESTONE CAP STONES. REPAIR SPALLS AND CRACKS AS NOTED. INSTALL NEW THROUGH-WALL FLASHING AND REINSTALL CAP STONES WITH BACKER ROD AND SEALANT AT HEAD JOINTS. REFER TO DETAILS 1&2/A-502, 3/A-101, AND 3/A-102.	MEDIUM SPALL UP TO 2" DEPTH; CUT OUT LOOSE MATERIAL AND PREP VOID WITH SQUARE SHOULDERS. ADD S.S. PINS INTO SOUND BLOCK WITH S.S. WIRE MESH. INSTALL REPAIR MORTAR TO RESTORE MISSING MATERIAL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 4/A-502.	2. NEW MASONRY TIES TO BE HOHMANN & BARNARD 345 BT FLEXIBLE TIE, OR APPROVED EQUAL.
4. ALL MATERIALS TO BE APPROVED PRIOR TO USE THROUGH ON-SITE MOCKUPS.	REMOVE EXISTING RUST STAINING FROM THE SURFACE OF EXISTING STONE STEPS AND LANDING.	LARGE (LOOSE) SPALL GREATER THAN 2" DEPTH; LARGE SECTION OF LOOSE MATERIAL. CAREFULLY REMOVE LOOSE MATERIAL AND REINSTALL LOOSE PIECE BACK TO PARENT STONE WITH ADHESIVE AND S.S. PINS INTO SOUND BLOCK WITH S.S. WIRE MESH. INSTALL REPAIR MORTAR TO RESTORE MISSING MATERIAL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 5/A-502.	3. LIMESTONE PATCHING COMPOUND: PROVIDE JAHN M70 LIMESTONE REPAIR MORTAR, CUSTOM COLORED TO MATCH EXISTING MASONRY MATERIALS. PRODUCT TO BE COMPATIBLE WITH EXISTING MATERIAL.
5. RAKE AND RE-POINT 15% OF EXTERIOR MASONRY MORTAR JOINTS. TYPICAL ALL REMAINING BUILDING FACADES. REVIEW AFTER INITIAL CLEANINGS AND REPORT TO OWNER RECOMMENDED TOTAL SF LOCATIONS.	ADHERE CRACKED PIECE TO PARENT STONE WITH ADHESIVE AND STAINLESS STEEL PINS PRIOR TO REINSTALLATION. REFER TO DETAIL 4/A-503.	CRITICAL SPALL; PIECE BEYOND REPAIR. REMOVE AND REPLACE WITH NEW MASONRY UNIT, TOOTH-IN TO EXISTING WALL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 7&8/A-502.	4. STONE PATCHING COMPOUND: PROVIDE JAHN M160 GRANITE REPAIR MORTAR AS MANUFACTURED BY CATHEDRAL STONE PRODUCTS, INC. OR APPROVED EQUAL. COLOR TO MATCH CLEANED EXISTING STONE FACE.
6. CLEAN ALL EXISTING ENVIRONMENTAL STAINING AND ORGANIC GROWTH FROM THE REMAINING MASONRY BUILDING FACADES.	EXISTING RAILINGS. PERFORM REPAIR WORK AT STAIRS AND CONCRETE RAMPS AS NOTED. RESTORE EXISTING RAILINGS WITH NEW COLOR GALVANIZED POST BASES. REFER TO SHEET A-501 FOR ADDITIONAL INFORMATION.	EXISTING DE-BONDED MASONRY OR LIMESTONE UNIT TO BE REINFORCED IN PLACE. REFER TO DETAIL 3/A-503.	5. LIMESTONE ADHESIVE TO BE NATURAL ADHESIVE BY CATHEDRAL STONE PRODUCTS, INC.
7. VERIFY ALL EXISTING MASONRY CONDITIONS INDICATED IN THESE DRAWINGS IN THE FIELD, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES OR ADDITIONAL CONDITIONS NOT SHOWN.	REMOVE EXISTING DETERIORATED/FAILED SEALANT JOINTS AND REPLACE WITH NEW BACKER ROD AND SEALANT JOINTS AT LOWER ROOF THROUGH-WALL FLASHINGS AND STEEP SLOPE ROOF TO MASONRY STEP FLASHINGS. INSTALL WEEP BAFFLES AT STEP FLASHING VERTICAL JOINTS. ALL SEALANTS TO BE SANDED FACE.	EXISTING DISPLACED MASONRY OR LIMESTONE; CAREFULLY REMOVE AND REINSTALL MASONRY OR LIMESTONE UNITS. INSTALL S.S. WALL TIES AT 16" O.C. EACH WAY, AND STAINLESS STEEL DOWELS AS SHOWN ON 3/A-102.	6. LIQUID STRIPPABLE MASKING AGENT: PROSOCO SURE KLEAN STRIPPABLE MASKING OR APPROVED EQUAL.
8. AT CONTRACTOR'S OPTION, DAMAGED LIMESTONE PIECES CAN BE REPLACED IN-KIND INSTEAD OF REPAIRED.	RECONSTRUCT DISPLACED MASONRY AT SIDE WALLS OF STAIR AND RE-POINT WALL. RESET CAP STONES WITH NEW THROUGH-WALL FLASHING. REFER TO DETAIL 3/A-102 SIM. EXCAVATE BACK SIDE OF WALL AND WATERPROOF WITH TREMCO TREMPROOF 250GCG. RE-GRADE AWAY FROM WALL.	EXISTING EFFLORESCENCE, ENVIRONMENTAL, OR RUST STAINING; CAREFULLY CLEAN TO REMOVE STAINS WITHOUT DAMAGING STONE.	7. CLEANING MATERIALS: PROVIDE CLEANING MATERIALS FROM PROSOCO, INC. OR APPROVED PRODUCTS BY CATHEDRAL STONE OR EDISON COATINGS, INC. - GENERAL CLEANING: EK RESTORATION CLEANER - RESISTANT STAIN CLEANING: HEAVY DUTY RESTORATION CLEANER - IRON STAIN CLEANING: SURE KLEAN FERROUS STAIN REMOVER - EFFLORESCENCE CLEANING: SURE KLEAN WHITE SCUM REMOVER - ASPHALT AND TAR REMOVER: SURE KLEAN ASPHALT AND TAR REMOVER - OTHER CLEANING PRODUCTS AS RECOMMENDED BY MANUFACTURER'S REP FOR SPECIFIC STAINS ENCOUNTERED IN THE AREA OF WORK.
	REPAIR DAMAGED STONE WINDOW SURROUND ON THE INTERIOR OF THIS WINDOW.	EXISTING LOOSE CLAY TILE SHINGLE TO BE REMOVED AND REINSTALLED.	8. ANTI-RUST COATING: PRIME STEEL WITH TWO (2) COATS OF SIKA ARMATEC 110 EPOCEM AS PER MANUFACTURER'S WRITTEN SPECIFICATION.
		EXISTING CRACK THROUGH MASONRY; ROUT AND REPAIR WITH ADHESIVE AND REPAIR MORTAR. REFER TO DETAIL 6/A-502.	9. NEW SHEET METAL FLASHING TO BE 20 OZ. ZINC COATED COPPER.
		EXISTING HOLE THROUGH MASONRY/JOINT OR METAL TO BE REPAIRED AND FILLED WITH REPAIR MATERIAL.	10. NEW WATERPROOFING MEMBRANE FLASHING TO BE GRACE VYCOR ULTRA SELF-ADHERED UNDERLAYMENT BY CERTAINTEED.
		EXISTING ABANDONED ANCHOR TO BE REMOVED AND THE HOLE FILLED WITH REPAIR MATERIAL.	11. NEW SEALANT TO BE POLYURETHANE TREMCO, INC. DYMOMIC 100 OR APPROVED EQUAL. PROVIDE TYPE B BICELLULAR CYLINDRICAL SEALANT BACKING MATERIAL. PROVIDE SANDED FACE AT SEALANT JOINTS AT PENETRATIONS.



W:\Projects\25061 - St. Ignatius Church Exterior Restoration\25061 - St. Ignatius Church Exterior Restoration Phase 2\25061 - St. Ignatius Church Exterior Restoration Phase 2\Drawings\A-102 Stair Plan & Sections.dwg  
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 Plotter: HP DesignJet 500 Plotter  
 User: mg  
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 Date Plotted: 04/16/26 11:44am  
 Plotter: HP DesignJet 500 Plotter  
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GENERAL NOTES	KEY NOTES	REPAIR NOTES	RESTORATION PRODUCT NOTES
1. PROTECT ALL EXISTING FIXTURES AND MATERIALS TO REMAIN THROUGHOUT RESTORATION.	CAREFULLY DOCUMENT AND LABEL ALL STONE, REMOVE AND SALVAGE FOR REINSTALLATION IN SAME LOCATION. REPAIR EXISTING CONCRETE FOUNDATION/ SUPPORT STRUCTURE BY CUTTING OUT DETERIORATED CONCRETE AND PATCHING WITH REPAIR MATERIAL. ALLOW 3 CUBIC FEET OF REPAIR VOLUME. INSTALL WATERPROOFING, DRAINAGE MAT, AND REINSTALL EXISTING STONE WITH NEW ANCHORS. REFER TO SHEET A-501 FOR MORE INFORMATION.	SURFACE SPALL LESS THAN 1"; REMOVE LOOSE MATERIAL. PREP SURFACE AND INSTALL THIN FILL REPAIR MORTAR. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING.	<b>NOTE:</b> PROVIDE MOCK-UPS OF ALL RESTORATION PRODUCTS FOR ARCHITECT AND OWNER REVIEW AND APPROVAL. MASONRY RESTORATION MATERIAL SPECIFICATIONS ARE BASED ON JAHN PRODUCTS FROM CATHEDRAL STONE PRODUCTS, INC. SIMILAR PRODUCTS FROM EDISON COATINGS, INC. OR KEIM MINERAL COATINGS OF AMERICA CAN BE SUBMITTED FOR APPROVAL.
2. MAINTAIN SAFE USE OF SIDEWALK AND ENTRANCES/EXITS THROUGHOUT RESTORATION.	EXISTING DETERIORATED/RUSTED ENTRANCE RAILING TO BE REMOVED, RESTORED, AND REINSTALLED. REFER TO DETAIL 4/A-501.	MEDIUM SPALL UP TO 2" DEPTH; CUT OUT LOOSE MATERIAL AND PREP VOID WITH SQUARE SHOULDERS. ADD S.S. PINS INTO SOUND BLOCK WITH S.S. WIRE MESH. INSTALL REPAIR MORTAR TO RESTORE MISSING MATERIAL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 4/A-502.	1. NEW MASONRY REBUILDING AND REPOINTING MORTAR TO BE JAHN M110 HISTORIC POINTING MORTAR, CUSTOM FORMULATED TO BE 20% WEAKER THAN EXISTING MASONRY MATERIALS AND REPAIR MORTARS.
3. CONTRACTOR TO MAINTAIN ALL NECESSARY PERMITS THROUGHOUT RESTORATION.	CAREFULLY LABEL AND REMOVE EXISTING LIMESTONE CAP STONES. REPAIR SPALLS AND CRACKS AS NOTED. INSTALL NEW THROUGH-WALL FLASHING AND REINSTALL CAP STONES WITH BACKER ROD AND SEALANT AT HEAD JOINTS. REFER TO DETAILS 182/A-502, 3/A-101, AND 3/A-102.	LARGE (LOOSE) SPALL GREATER THAN 2" DEPTH; LARGE SECTION OF LOOSE MATERIAL. CAREFULLY REMOVE LOOSE MATERIAL AND REINSTALL LOOSE PIECE BACK TO PARENT STONE WITH ADHESIVE AND S.S. PINS INTO SOUND BLOCK WITH S.S. WIRE MESH. INSTALL REPAIR MORTAR TO RESTORE MISSING MATERIAL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 5/A-502.	2. NEW MASONRY TIES TO BE HOHMANN & BARNARD 345 BT FLEXIBLE TIE, OR APPROVED EQUAL.
4. ALL MATERIALS TO BE APPROVED PRIOR TO USE THROUGH ON-SITE MOCKUPS.	REMOVE EXISTING RUST STAINING FROM THE SURFACE OF EXISTING STONE STEPS AND LANDING.	CRITICAL SPALL; PIECE BEYOND REPAIR. REMOVE AND REPLACE WITH NEW MASONRY UNIT. TOOTH-IN TO EXISTING WALL. REPLICATE ORIGINAL SHAPE, SURFACE TEXTURE, AND APPEARANCE TO MATCH EXISTING. REFER TO DETAIL 78&A-502.	3. LIMESTONE PATCHING COMPOUND: PROVIDE JAHN M70 LIMESTONE REPAIR MORTAR, CUSTOM COLORED TO MATCH EXISTING MASONRY MATERIALS. PRODUCT TO BE COMPATIBLE WITH EXISTING MATERIAL.
5. RAKE AND RE-POINT 15% OF EXTERIOR MASONRY MORTAR JOINTS, TYPICAL ALL REMAINING BUILDING FACADES. REVIEW AFTER INITIAL CLEANING AND REPORT TO OWNER RECOMMENDED TOTAL SF LOCATIONS.	ADHERE CRACKED PIECE TO PARENT STONE WITH ADHESIVE AND STAINLESS STEEL PINS PRIOR TO REINSTALLATION. REFER TO DETAIL 4/A-503.	EXISTING DE-BONDED MASONRY OR LIMESTONE UNIT TO BE REINFORCED IN PLACE. REFER TO DETAIL 3/A-503.	4. STONE PATCHING COMPOUND: PROVIDE JAHN M160 GRANITE REPAIR MORTAR AS MANUFACTURED BY CATHEDRAL STONE PRODUCTS, INC. OR APPROVED EQUAL. COLOR TO MATCH CLEANED EXISTING STONE FACE.
6. CLEAN ALL EXISTING ENVIRONMENTAL STAINING AND ORGANIC GROWTH FROM THE REMAINING MASONRY BUILDING FACADES.	EXISTING RAILINGS. PERFORM REPAIR WORK AT STAIRS AND CONCRETE RAMPS AS NOTED. RESTORE EXISTING RAILINGS WITH NEW COLOR GALVANIZED POST BASES. REFER TO SHEET A-501 FOR ADDITIONAL INFORMATION.	EXISTING DISPLACED MASONRY OR LIMESTONE; CAREFULLY REMOVE AND REINSTALL MASONRY OR LIMESTONE UNITS. INSTALL S.S. WALL TIES AT 16" O.C. EACH WAY, AND STAINLESS STEEL DOWELS AS SHOWN ON 3/A-102.	5. LIMESTONE ADHESIVE TO BE NATURAL ADHESIVE BY CATHEDRAL STONE PRODUCTS, INC.
7. VERIFY ALL EXISTING MASONRY CONDITIONS INDICATED IN THESE DRAWINGS IN THE FIELD, AND NOTIFY ARCHITECT OF ANY DISCREPANCIES OR ADDITIONAL CONDITIONS NOT SHOWN.	REMOVE EXISTING DETERIORATED/FAILED SEALANT JOINTS AND REPLACE WITH NEW BACKER ROD AND SEALANT JOINTS AT LOWER ROOF THROUGH-WALL FLASHINGS AND STEEP SLOPE ROOF TO MASONRY STEP FLASHINGS. INSTALL WEEP BAFFLES AT STEP FLASHING VERTICAL JOINTS. ALL SEALANTS TO BE SANDED FACE.	EXISTING EFFLORESCENCE, ENVIRONMENTAL, OR RUST STAINING; CAREFULLY CLEAN TO REMOVE STAINS WITHOUT DAMAGING STONE.	6. LIQUID STRIPPABLE MASKING AGENT: PROSOCO SURE KLEAN STRIPPABLE MASKING OR APPROVED EQUAL.
8. AT CONTRACTOR'S OPTION, DAMAGED LIMESTONE PIECES CAN BE REPLACED IN-KIND INSTEAD OF REPAIRED.	RECONSTRUCT DISPLACED MASONRY AT SIDE WALLS OF STAIR AND RE-POINT WALL. RESET CAP STONES WITH NEW THROUGH-WALL FLASHING. REFER TO DETAIL 3/A-102 SIM. EXCAVATE BACK SIDE OF WALL AND WATERPROOF WITH TREMCO TREMPROOF 250G. RE-GRADE AWAY FROM WALL.	EXISTING LOOSE CLAY TILE SHINGLE TO BE REMOVED AND REINSTALLED.	7. CLEANING MATERIALS: PROVIDE CLEANING MATERIALS FROM PROSOCO, INC. OR APPROVED PRODUCTS BY CATHEDRAL STONE OR EDISON COATINGS, INC. - GENERAL CLEANING: EK RESTORATION CLEANER - RESISTANT STAIN CLEANING: HEAVY DUTY RESTORATION CLEANER - IRON STAIN CLEANING: SURE KLEAN FERROUS STAIN REMOVER - EFFLORESCENCE CLEANING: SURE KLEAN WHITE SCUM REMOVER - ASPHALT AND TAR REMOVER: SURE KLEAN ASPHALT AND TAR REMOVER - OTHER CLEANING PRODUCTS AS RECOMMENDED BY MANUFACTURER'S REP FOR SPECIFIC STAINS ENCOUNTERED IN THE AREA OF WORK.
	REPAIR DAMAGED STONE WINDOW SURROUND ON THE INTERIOR OF THIS WINDOW.	EXISTING CRACK THROUGH MASONRY; ROUT AND REPAIR WITH ADHESIVE AND REPAIR MORTAR. REFER TO DETAIL 6/A-502.	8. ANTI-RUST COATING: PRIME STEEL WITH TWO (2) COATS OF SIKA ARMATEC 110 EPOCEM AS PER MANUFACTURER'S WRITTEN SPECIFICATION.
		EXISTING HOLE THROUGH MASONRY JOINT OR METAL TO BE REPAIRED AND FILLED WITH REPAIR MATERIAL.	9. NEW SHEET METAL FLASHING TO BE 20 OZ. ZINC COATED COPPER.
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CONSULTANTS:

PROJECT:

## ST. IGNATIUS CHURCH EXTERIOR RESTORATION PHASE 2

28 COMMONWEALTH AVENUE  
CHESTNUT HILL, MA 02467

CLIENT:

## ST. IGNATIUS CHURCH

28 COMMONWEALTH AVENUE  
CHESTNUT HILL, MA 02467

PROFESSIONAL

PREPARED BY A LICENSED ARCHITECT

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MARK	DATE	DESCRIPTION
	04/16/26	ISSUED FOR CONSTRUCTION
	02/02/26	ISSUED FOR PRICING
	01/23/26	ISSUED FOR REVIEW

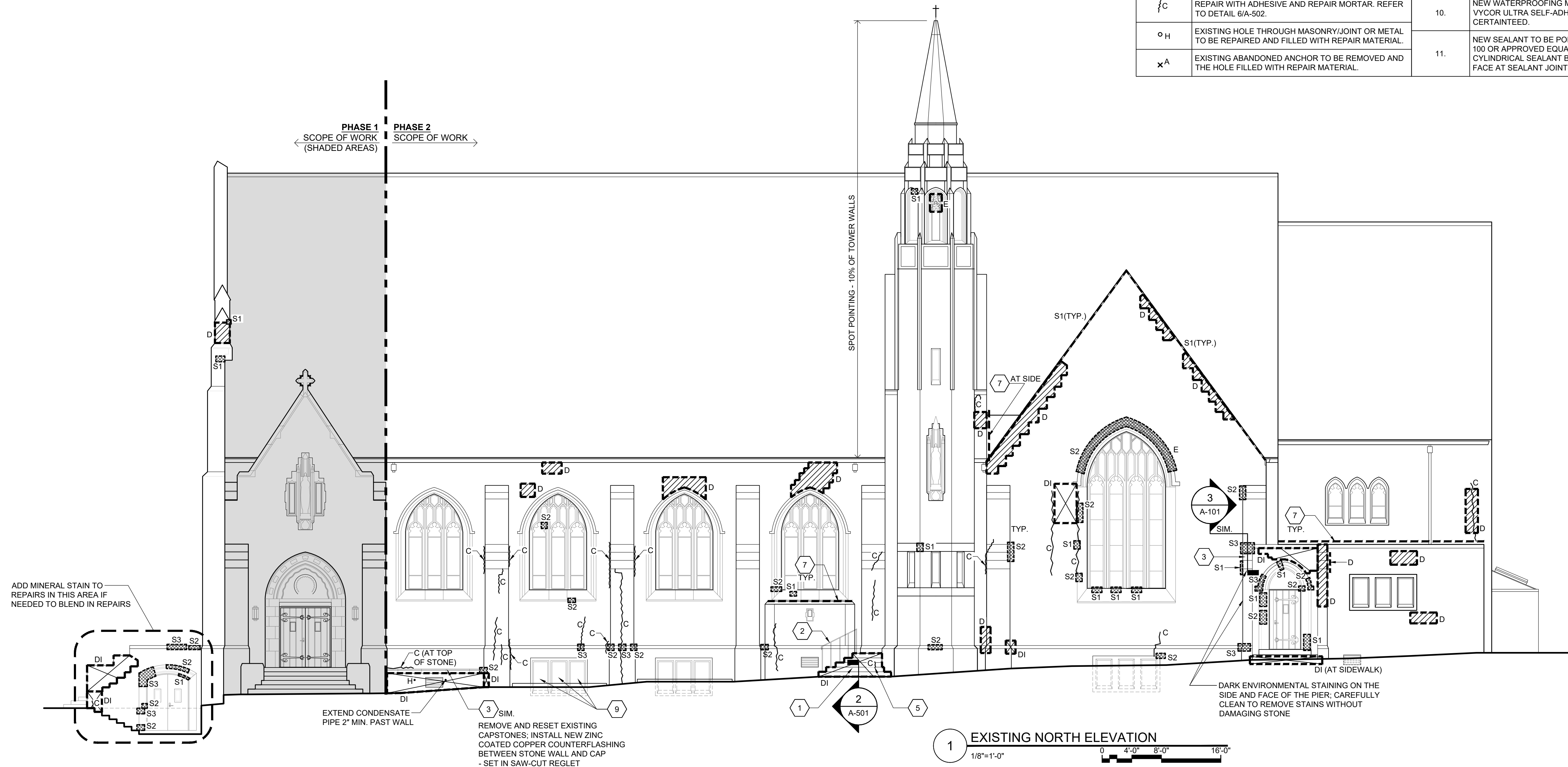
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PROJECT NO.:	25061
DRAWN BY:	MG
CHECKED BY:	SAW
DRAWING SCALE:	AS NOTED

SHEET TITLE:  
**EXISTING NORTH ELEVATION**

SHEET:  
**A-201**

DO NOT SCALE DRAWING



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CONSULTANTS:

PROJECT:  
**ST. IGNATIUS CHURCH EXTERIOR RESTORATION PHASE 2**  
 28 COMMONWEALTH AVENUE  
 CHESTNUT HILL, MA 02467

CLIENT:  
**ST. IGNATIUS CHURCH**  
 28 COMMONWEALTH AVENUE  
 CHESTNUT HILL, MA 02467

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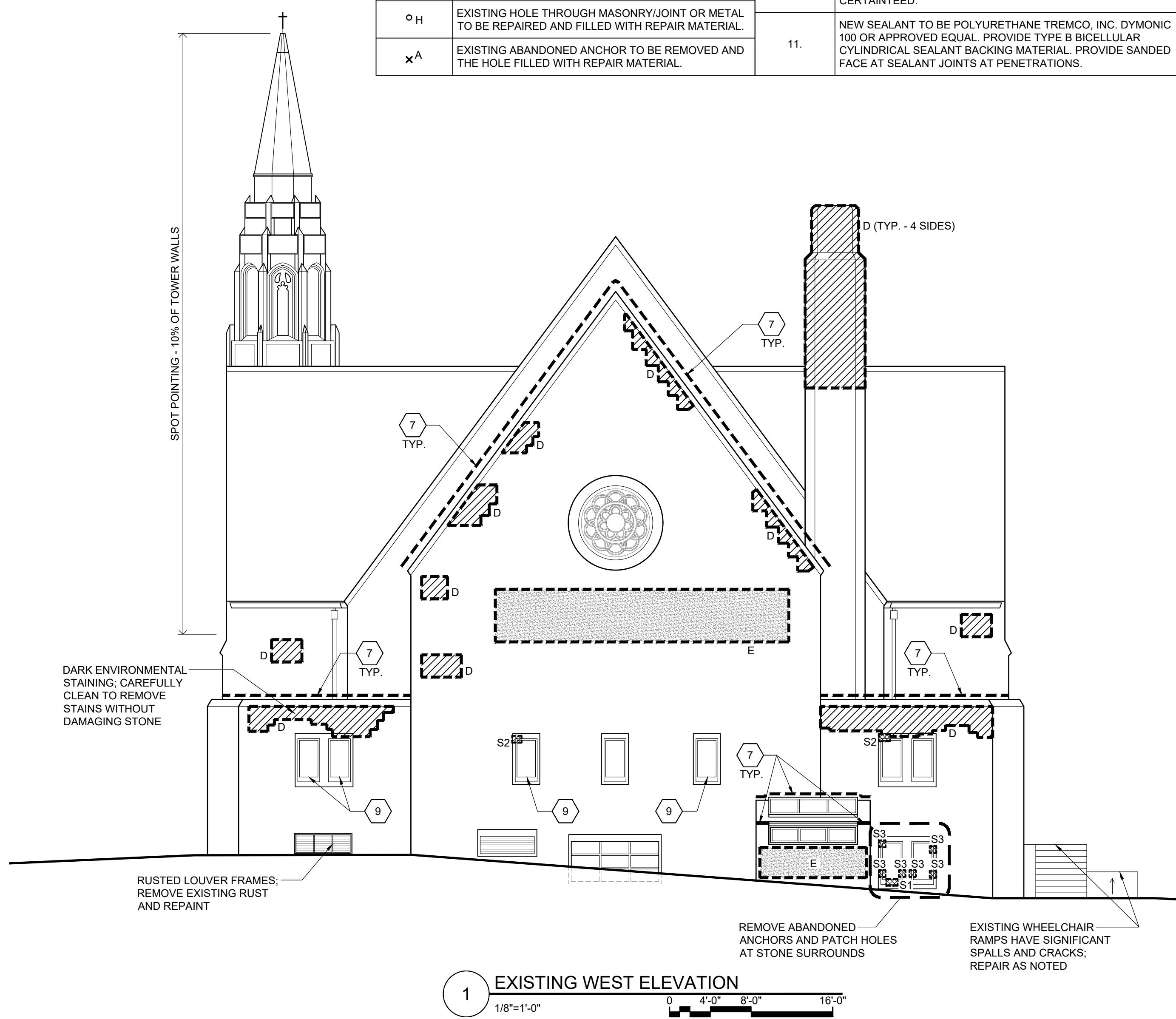
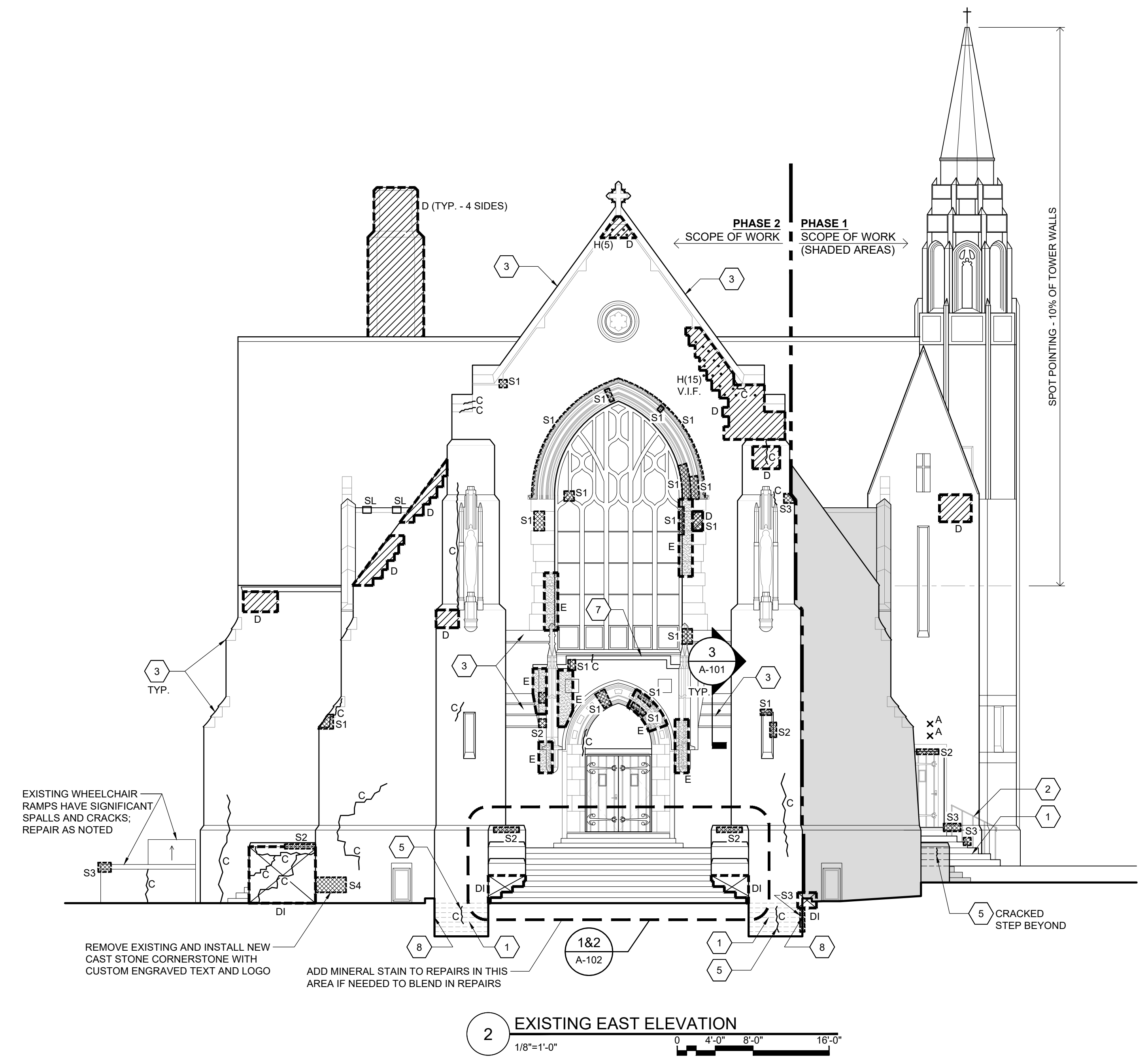
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	01/23/26	ISSUED FOR REVIEW

PROJECT NO.: 25061  
 DRAWN BY: MG  
 CHECKED BY: SAW  
 DRAWING SCALE: AS NOTED

SHEET TITLE:  
**EXISTING EAST AND WEST ELEVATIONS**

SHEET:  
**A-203**  
 DO NOT SCALE DRAWING

GENERAL NOTES	KEY NOTES	REPAIR NOTES	RESTORATION PRODUCT NOTES
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CONSULTANTS:

PROJECT:

**ST. IGNATIUS CHURCH EXTERIOR RESTORATION PHASE 2**

28 COMMONWEALTH AVENUE  
CHESTNUT HILL, MA 02467

CLIENT:

**ST. IGNATIUS CHURCH**

28 COMMONWEALTH AVENUE  
CHESTNUT HILL, MA 02467

PROFESSIONAL

PREPARED BY A LICENSED ARCHITECT

Any changes to this item can be a violation of the law unless altered by a licensed architect. Any alteration made to this item must be accompanied by a specific description of change or changes made; date change was made, as well as the seal of the licensed architect who made or oversaw the changes.

MARK	DATE	DESCRIPTION
	04/16/26	ISSUED FOR CONSTRUCTION
	02/02/26	ISSUED FOR PRICING
	01/23/26	ISSUED FOR REVIEW

PROJECT NO.:	25061
DRAWN BY:	RJ
CHECKED BY:	SAW
DRAWING SCALE:	AS NOTED

SHEET TITLE:

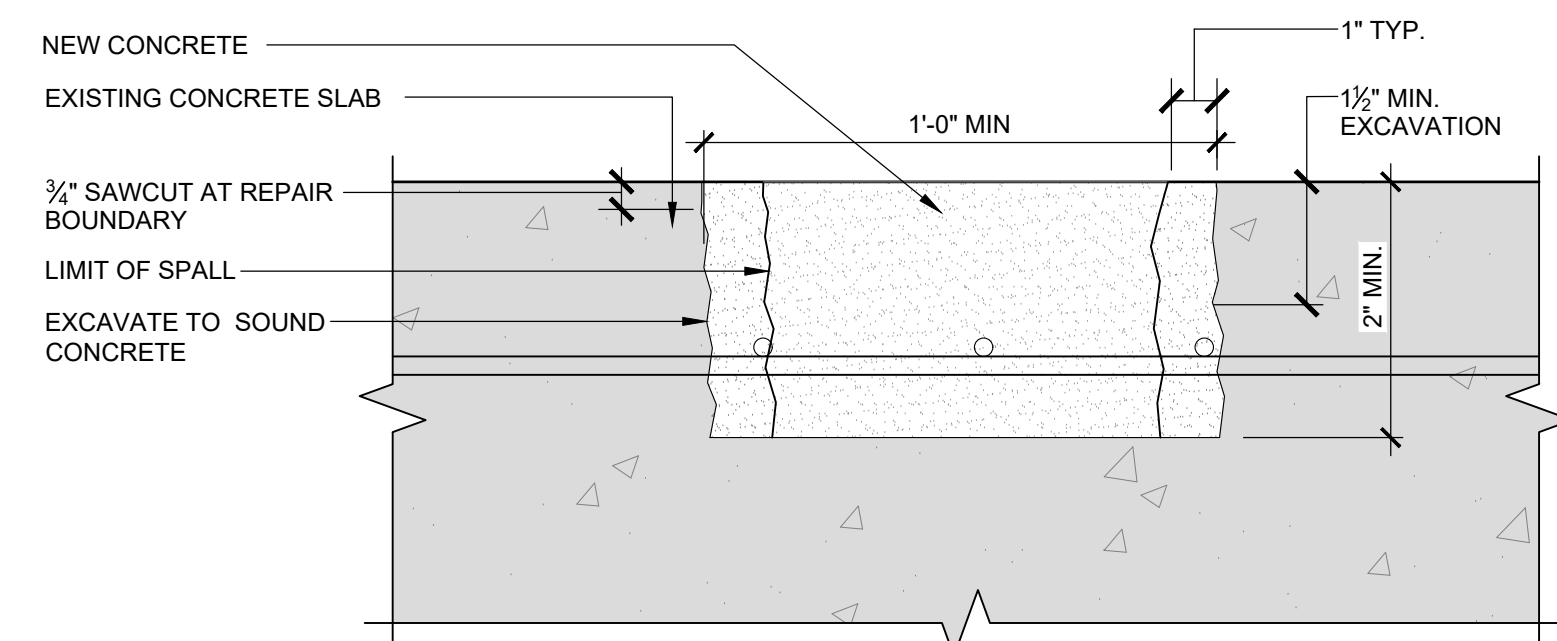
**NEW STAIR DETAILS**

SHEET:

**A-501**

DO NOT SCALE DRAWING

**NOTE:**  
1. REPAIR AREA SHOULD BE NO LESS THAN 3/4" IN DEPTH - TYP.  
2. REMOVE ALL RUST AND CONTAMINANTS FROM EXPOSED STEEL REBAR AND SPLICE IN NEW STEEL WHERE MORE THAN 10% OF THE REBAR'S CROSS SECTION HAS DETERIORATED. APPLY 2 COATS OF ANTI-CORROSION AGENT W/ STIFF BRISTLE BRUSH.



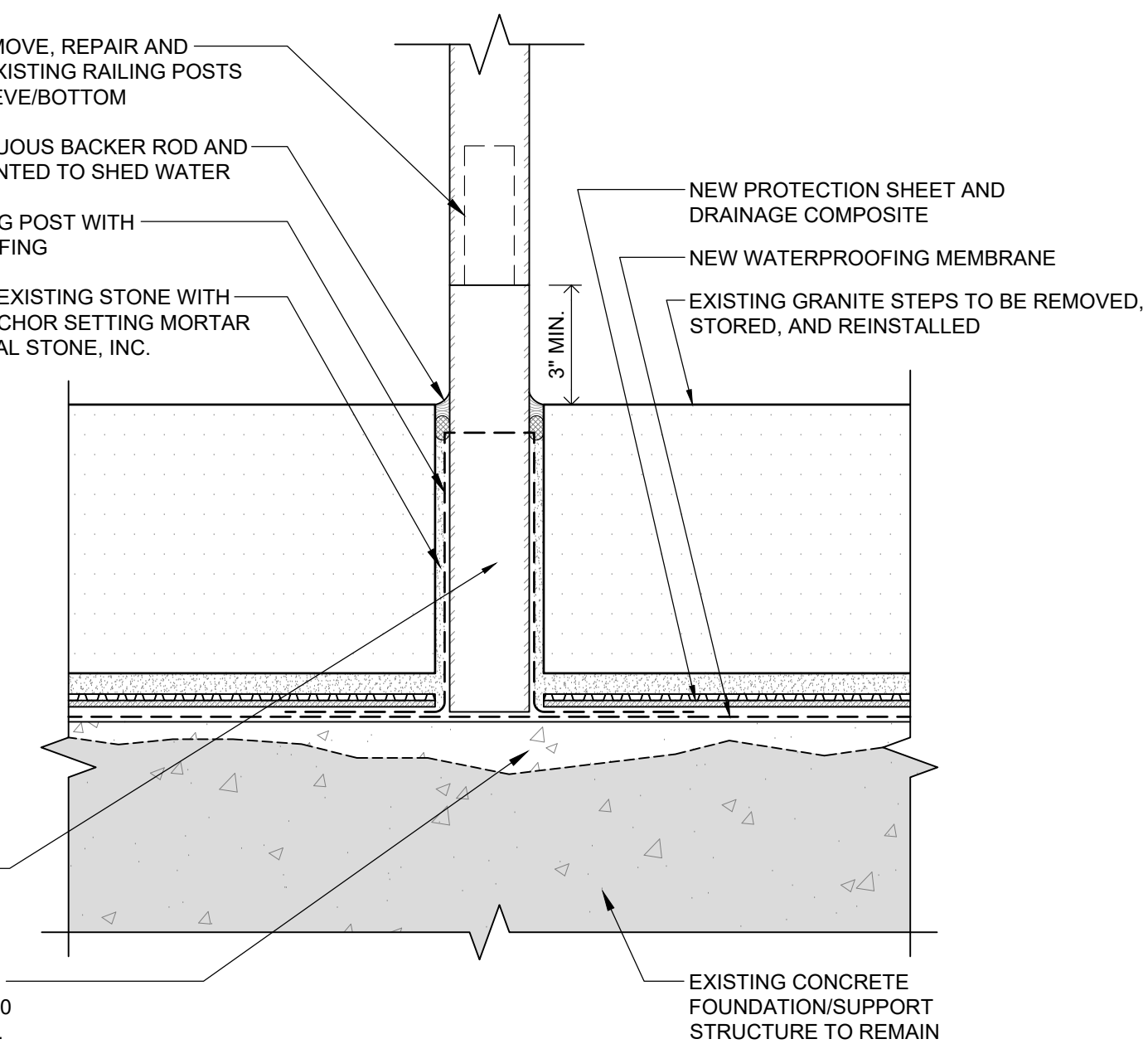
**5 TYPICAL PARTIAL DEPTH CONCRETE SLAB REPAIR**  
3"=1'-0"

**REPAIR MATERIALS:**

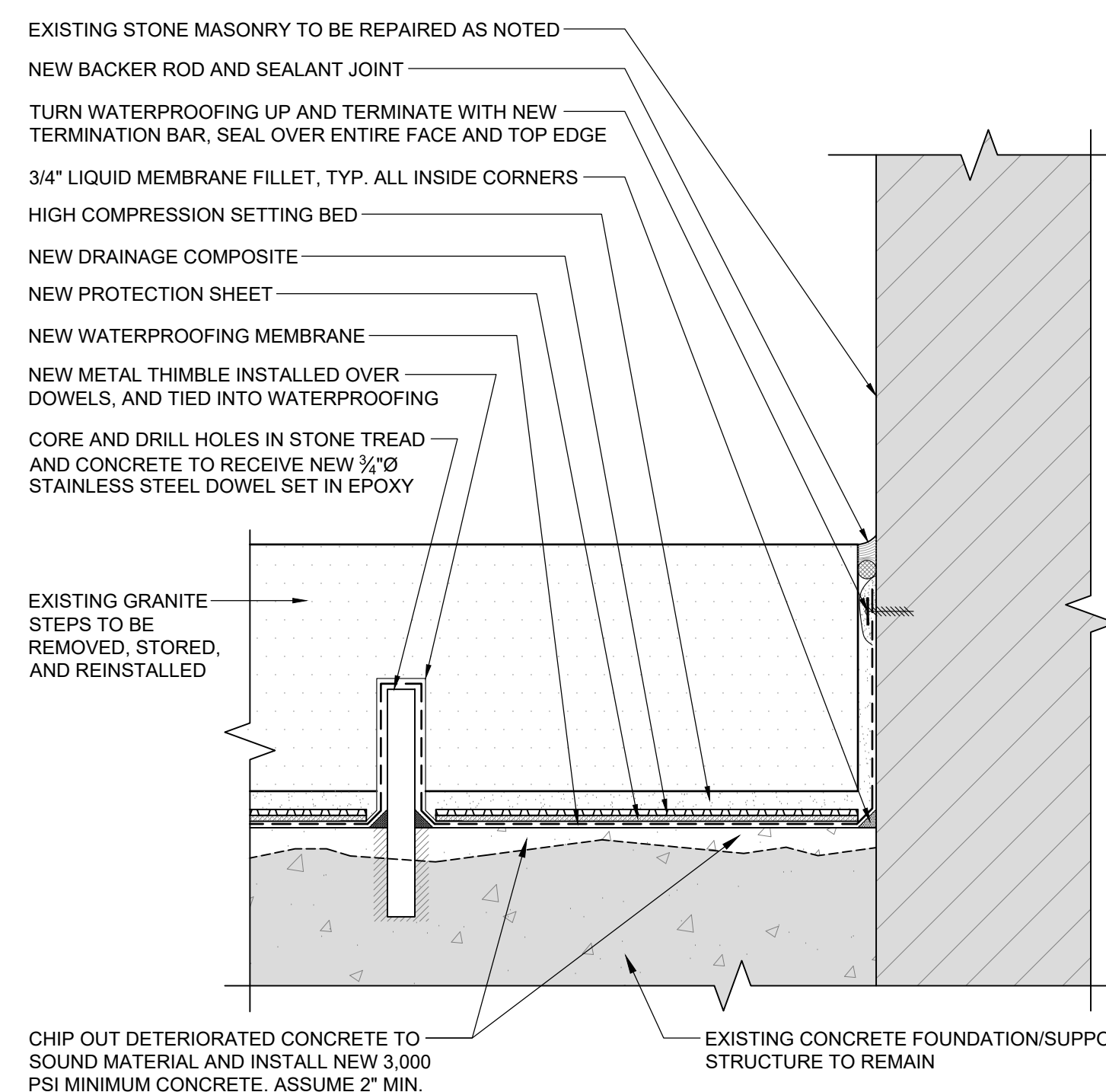
1. STRUCTURAL CONCRETE REPAIRS: REPAIR CONCRETE DAMAGE WITH SIKAQWICK-800 BY SIKA CORPORATION.
2. STAIR FOUNDATION WATERPROOFING: SIKALASTIC HLM 5000 GC BY SIKA CORPORATION OR EQUAL. 90 MIL. THICKNESS.
3. STAIR DRAINAGE MAT: SIKA DRAINAGE MAT 1000 BY SIKA CORPORATION OR EQUAL.
4. RAILING POST REFINISHING: SAND BLAST, REPAIR ANY DAMAGE, AND POWDER COAT BLACK.

**AT TUBE POSTS:** NEW COLOR GALVANIZED POST BASES WITH SLEEVE TO REMOUNT EXISTING RAILINGS

CHIP OUT DETERIORATED CONCRETE TO SOUND MATERIAL AND INSTALL NEW 3,000 PSI MINIMUM CONCRETE. ASSUME 2" MIN.



**4 TYPICAL RAILING POST FLASHING DETAIL**  
3"=1'-0"

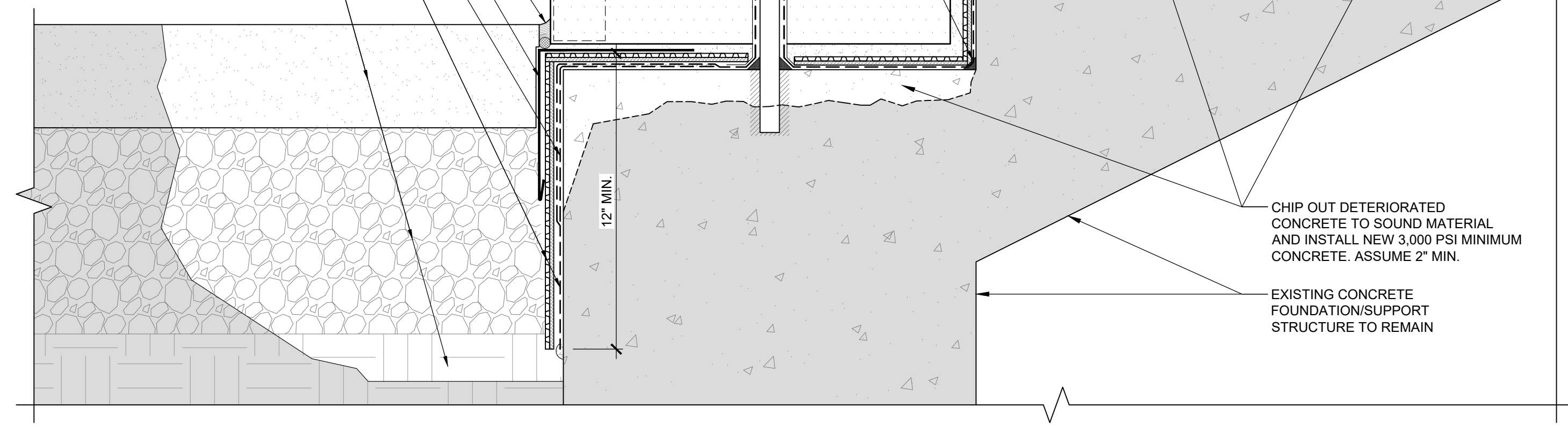


**3 TYPICAL WATERPROOFING TERMINATION AT VERTICAL WALL**  
3"=1'-0"

**NOTE:** CLEAN AND PREP THE EXISTING CONCRETE FOUNDATION/SUPPORT STRUCTURE FOR THE NEW WATERPROOFING, INCLUDING SURFACE CONDITIONER AND "DECK PREP" LIQUID MEMBRANE.

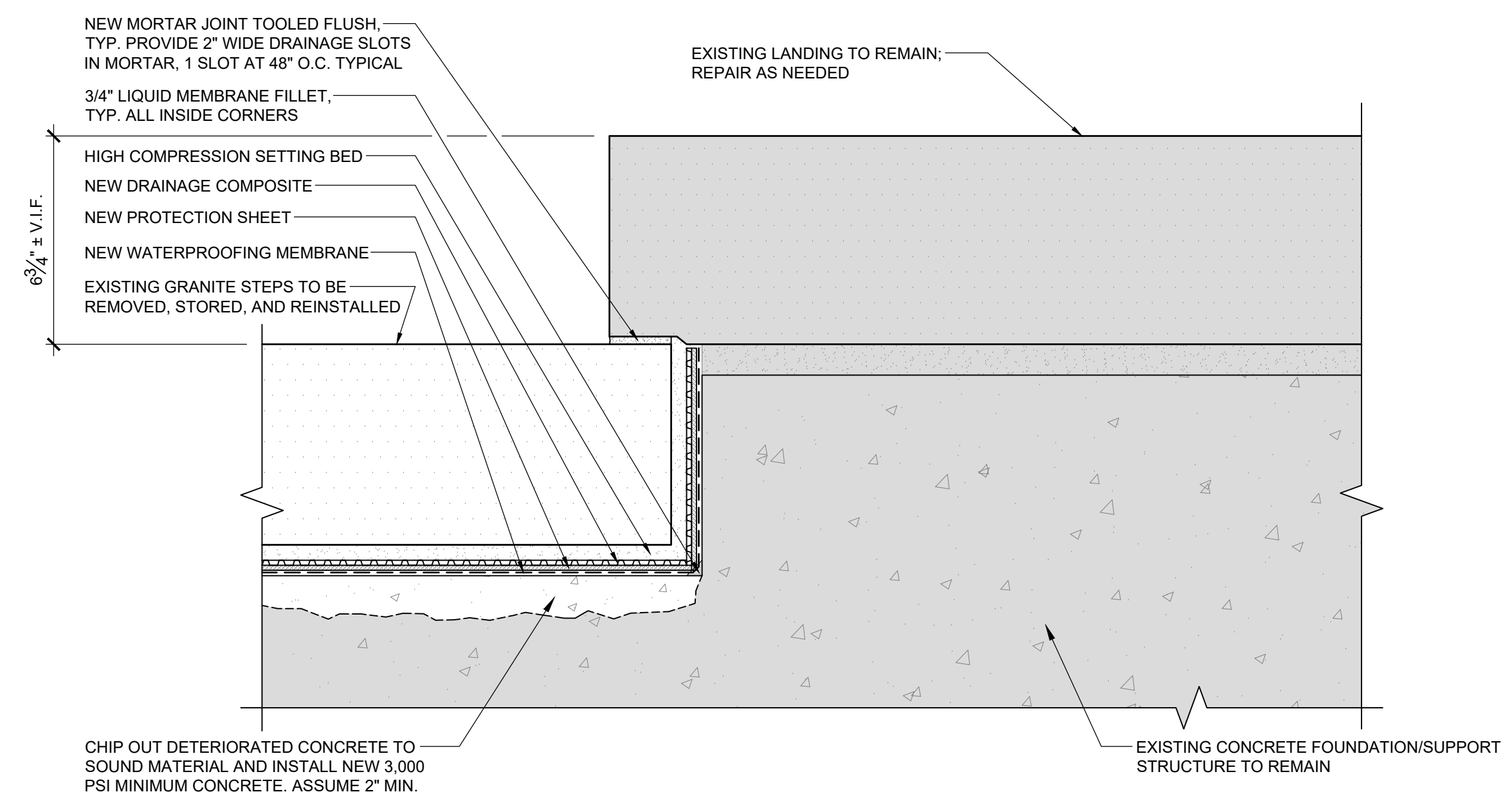
**NOTE:** DRILL NEW HOLES IN GRANITE STEPS TO RECEIVE NEW DOWELS, 2 PER STONE.

- NEW BACKER ROD AND SEALANT JOINT
- NEW STAINLESS STEEL CLOSURE LOOSE LAID BELOW GRANITE STEP WITHIN SETTING BED
- NEW 12" WIDE WATERPROOFING MEMBRANE CENTERED ON OUTSIDE CORNER
- EXTEND DRAINAGE COMPOSITE AND WATERPROOFING MEMBRANE DOWN 12" MIN. AND SEAL ALL EDGES, OVERLAPS
- REMOVE EXISTING PAVEMENT, GRAVEL, AND FILL AS REQUIRED TO PERFORM NEW WATERPROOFING WORK AND RE-INSTALL AFTER COMPLETION OF NEW WATERPROOFING WORK AS SHOWN



**2 NEW STAIR SECTION AT PAVEMENT**  
3"=1'-0"

**NOTE:** CLEAN AND PREP THE EXISTING CONCRETE FOUNDATION/SUPPORT STRUCTURE FOR THE NEW WATERPROOFING, INCLUDING SURFACE CONDITIONER AND "DECK PREP" LIQUID MEMBRANE.



**1 NEW STAIR/LANDING SECTION AT DOOR**  
3"=1'-0"

CONSULTANTS:

PROJECT:

**ST. IGNATIUS CHURCH EXTERIOR RESTORATION PHASE 2**

28 COMMONWEALTH AVENUE  
CHESTNUT HILL, MA 02467

CLIENT:

**ST. IGNATIUS CHURCH**

28 COMMONWEALTH AVENUE  
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PROFESSIONAL

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MARK	DATE	DESCRIPTION
	04/16/26	ISSUED FOR CONSTRUCTION
	02/02/26	ISSUED FOR PRICING
	01/23/26	ISSUED FOR REVIEW
ISSUE:		

PROJECT NO.: 25061  
DRAWN BY: RJ  
CHECKED BY: SAW  
DRAWING SCALE: AS NOTED

**MASONRY REPAIR DETAILS**

SHEET:

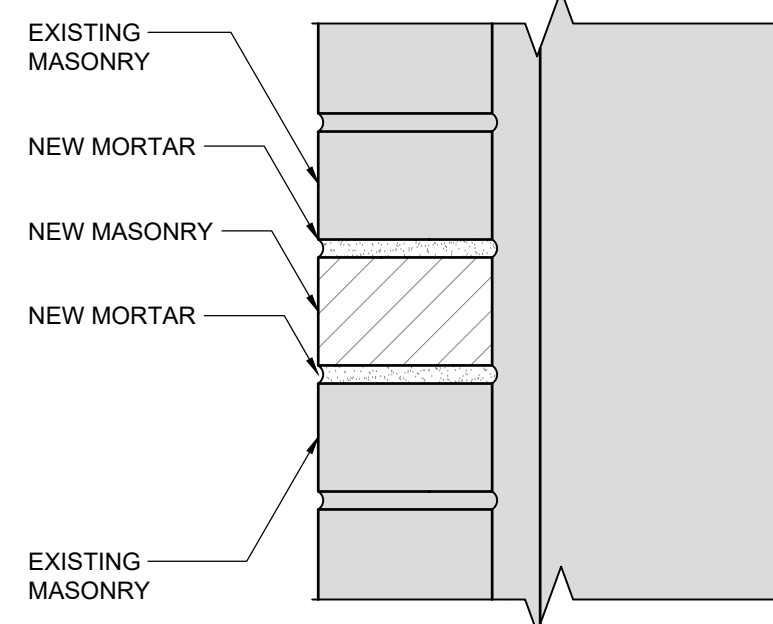
**A-502**

DO NOT SCALE DRAWING

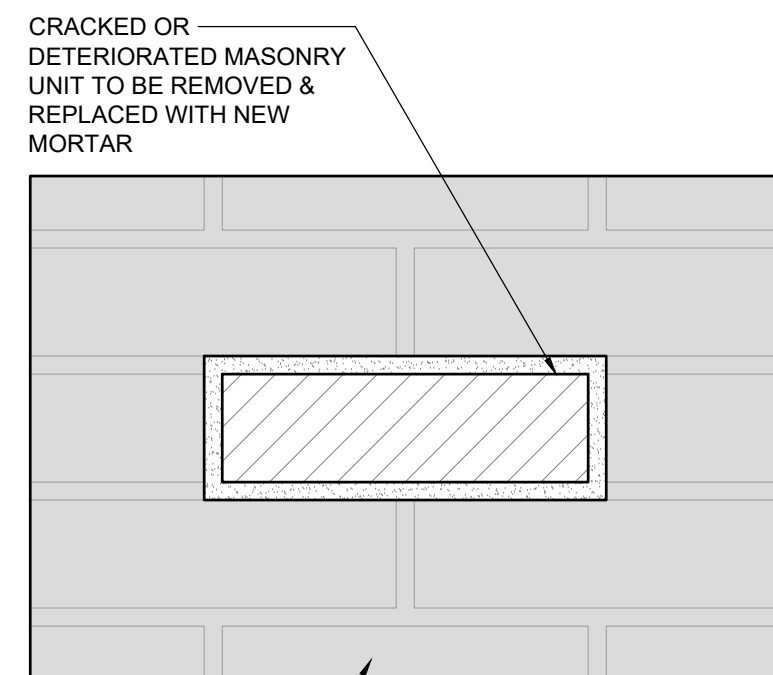
**MASONRY UNIT REPLACEMENT NOTES:**

- ALL NEW MASONRY UNITS TO MATCH EXISTING ADJACENT TO REMAIN IN SIZE, SHAPE, COLOR, TEXTURE, PROFILE, ETC. AS CLOSE AS POSSIBLE (TYP). ALL NEW MORTAR SHALL MATCH EXISTING ADJACENT TO REMAIN IN HARDNESS, COLOR, TEXTURE, TOOLING, ETC. (TYP). NEW MORTAR MUST BE SOFTER THAN EXISTING MASONRY UNIT.
- HORIZONTAL MORTAR JOINTS MAY BE SAWCUT. A POINTERS TOOTHING CHISEL SHOULD BE USED TO CUT OUT THE MORTAR IN VERTICAL JOINTS WHICH SURROUNDS THE AFFECTED UNITS. FOR EASE OF REMOVAL, THE UNITS TO BE REMOVED CAN BE BROKEN. ONCE THE UNITS ARE REMOVED, ALL OF THE OLD MORTAR SHOULD BE CAREFULLY CHISELED OUT AND ALL DUST AND DEBRIS SHOULD BE SWEEPED OUT WITH A BRUSH. IF THE UNITS ARE LOCATED IN THE EXTERIOR WYTHE OF A CAVITY WALL, CARE MUST BE EXERCISED NOT TO ALLOW DEBRIS TO FALL INTO THE CAVITY.
- PROVIDE RELIEF CUTS THROUGH THE MIDDLE OF THE EXISTING DAMAGED MASONRY UNIT.
- CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AS REQUIRED.
- REMOVE EXISTING MASONRY TO MINIMUM OF HALF THE EXISTING DEPTH (4" ± V.I.F.). REMOVE ALL DUST AND DEBRIS FROM THE AREA. CONTRACTOR RESPONSIBLE NOT TO DAMAGE INTERIOR SIDE OF MASONRY WALL DURING REMOVAL AND REPLACEMENT OF CONCRETE MASONRY UNITS.
- NOTIFY ARCHITECT OF ANY AND ALL REINFORCEMENT ENCOUNTERED IMMEDIATELY. MINIMUM FOR EXPOSED REINFORCEMENT - WIRE BRUSH AND CLEAN AND APPLY CORROSION INHIBITOR TO ALL EXPOSED SIDES. STRENGTHENING OF EXISTING REINFORCEMENT WILL BE DETERMINED ON A CASE BY CASE BASIS.
- MASONRY SURFACES IN THE WALL SHOULD BE DAMPENED BEFORE THE NEW UNITS ARE PLACED BUT THE MASONRY SHOULD ABSORB ALL SURFACE MOISTURE TO ENSURE A GOOD BOND. THE APPROPRIATE SURFACES OF THE SURROUNDING MASONRY WORK AND THE REPLACEMENT MASONRY UNIT SHOULD BE BUTTERED WITH MORTAR. IF CELL(S) IN UNIT WERE SOLID-FILLED WITH MORTAR, THEN THE NEW SHALL BE SOLID-FILLED WITH MORTAR. THE REPLACEMENT MASONRY UNIT SHOULD BE CENTERED IN THE OPENING AND PRESSED INTO POSITION. THE EXCESS MORTAR SHOULD BE REMOVED WITH A TROWEL. POINTING AROUND THE REPLACEMENT UNIT WILL HELP TO ENSURE FULL HEAD AND BED JOINTS. WHEN THE MORTAR BECOMES "THUMBPRINT" HARD, THE JOINTS SHOULD BE TOOLED TO MATCH THE ORIGINAL PROFILE.

**2. BRICK AND MORTAR REPLACEMENT - SECTION VIEW**



**1. BRICK AND MORTAR REPLACEMENT - ELEVATION VIEW**

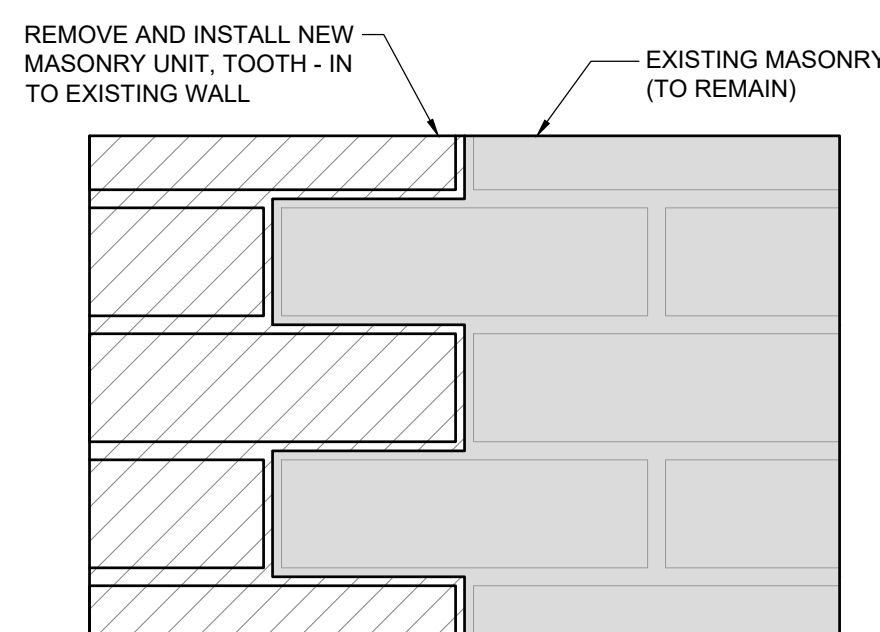


NOTE: DO NOT DAMAGE EXISTING ADJACENT MASONRY TO REMAIN.

**8 MASONRY UNIT AND MORTAR REPLACEMENT**

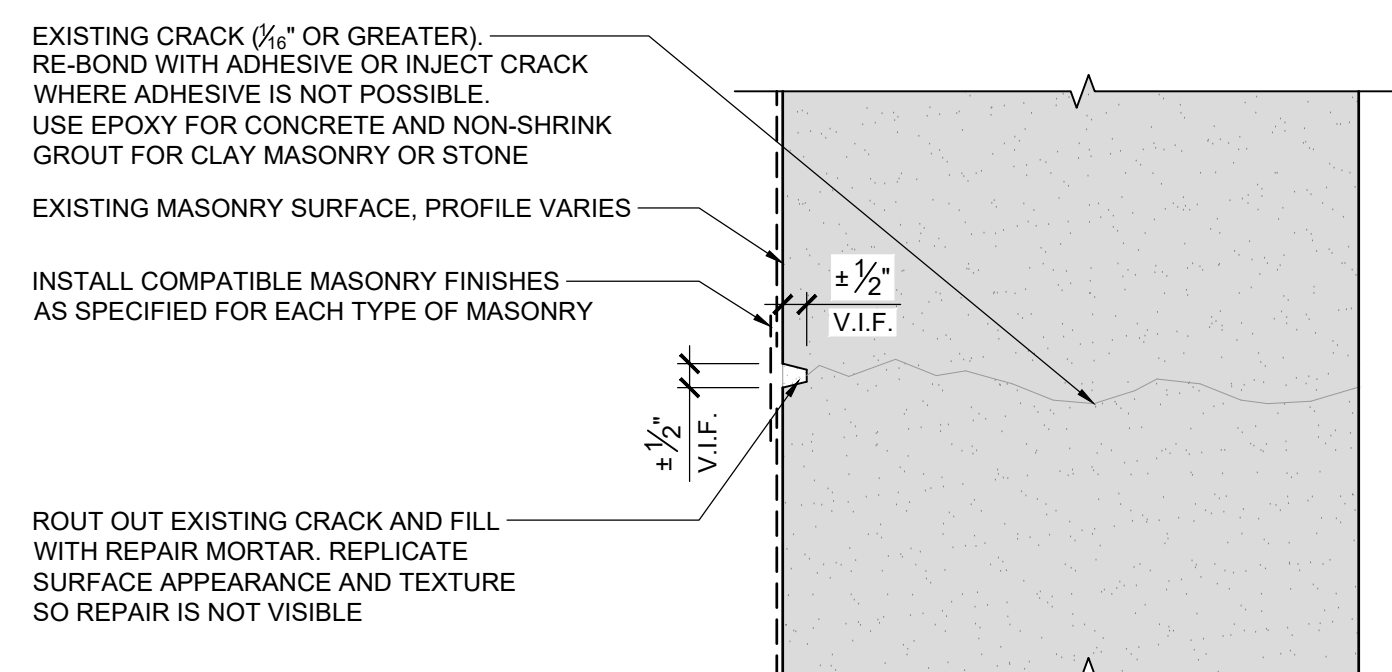
3"=1'-0"

NOTE: DO NOT DAMAGE EXISTING ADJACENT MASONRY TO REMAIN.



**7 MASONRY TOOTH-IN DETAIL**

3"=1'-0"

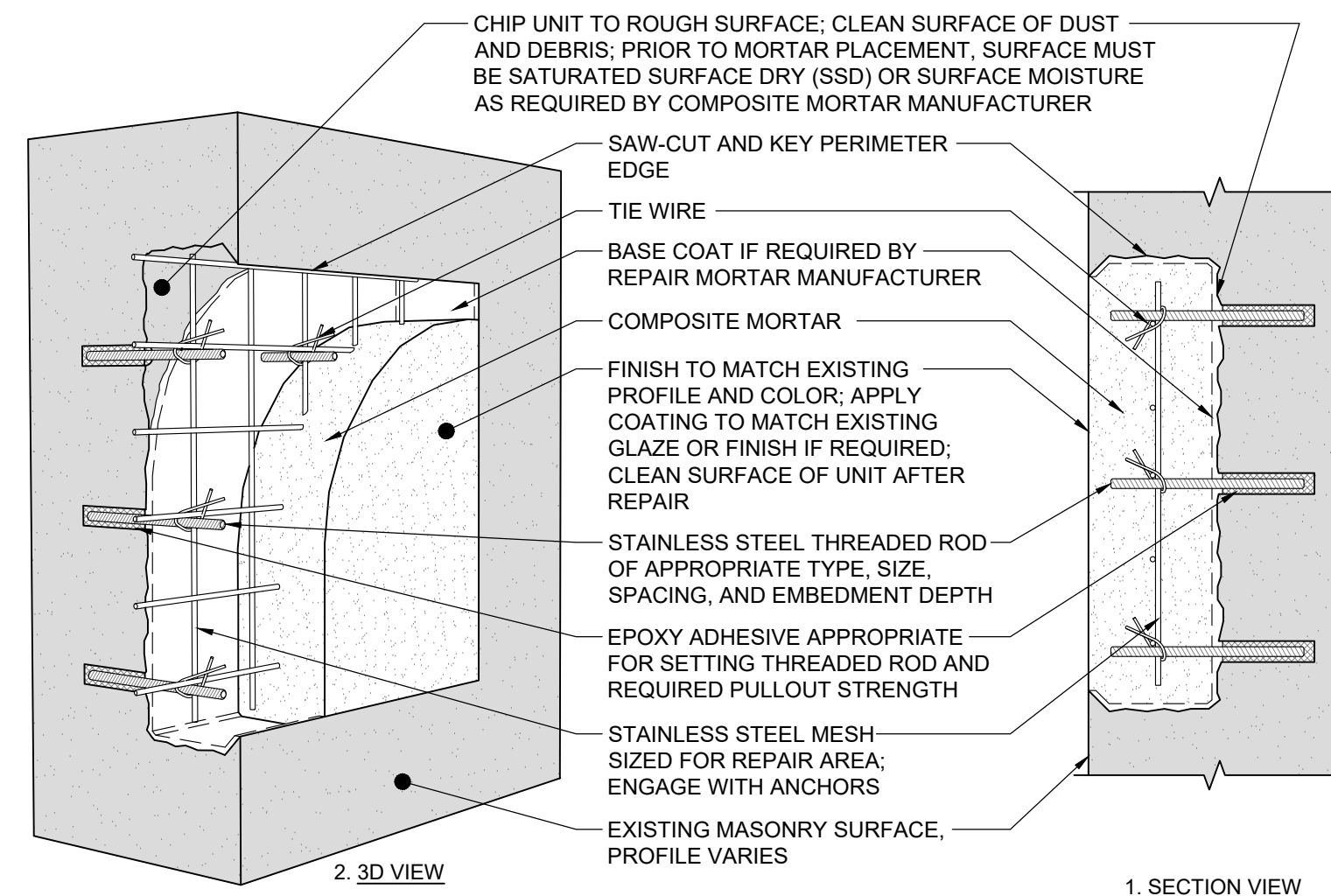


NOTE: NEW AREA OF MASONRY REPAIR SHALL MATCH EXISTING ADJACENT MASONRY IN PROFILE, TEXTURE AND FINISH.

**6 MASONRY CRACK REPAIR - REPAIR MORTAR**

3"=1'-0"

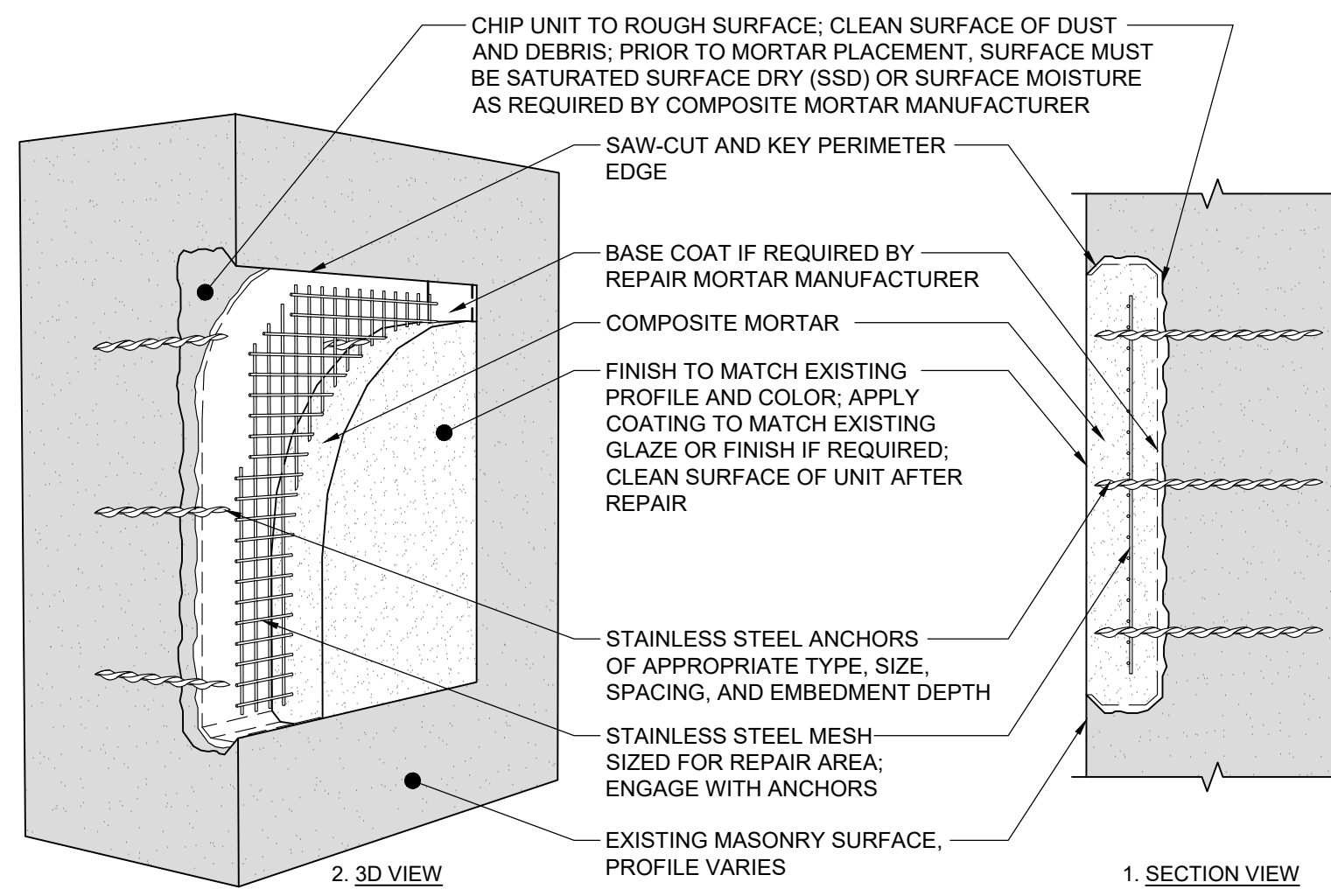
NOTE: CONTRACTOR TO ALLOW ARCHITECT TO SOUND COMPLETED SPALL REPAIR AREAS TO CONFIRM THAT PATCHES ARE WELL-BONDED TO PARENT STONE.



**5 MASONRY SPALL REPAIR - LARGE (GREATER THAN 2" DEPTH)**

3"=1'-0"

NOTE: CONTRACTOR TO ALLOW ARCHITECT TO SOUND COMPLETED SPALL REPAIR AREAS TO CONFIRM THAT PATCHES ARE WELL-BONDED TO PARENT STONE.

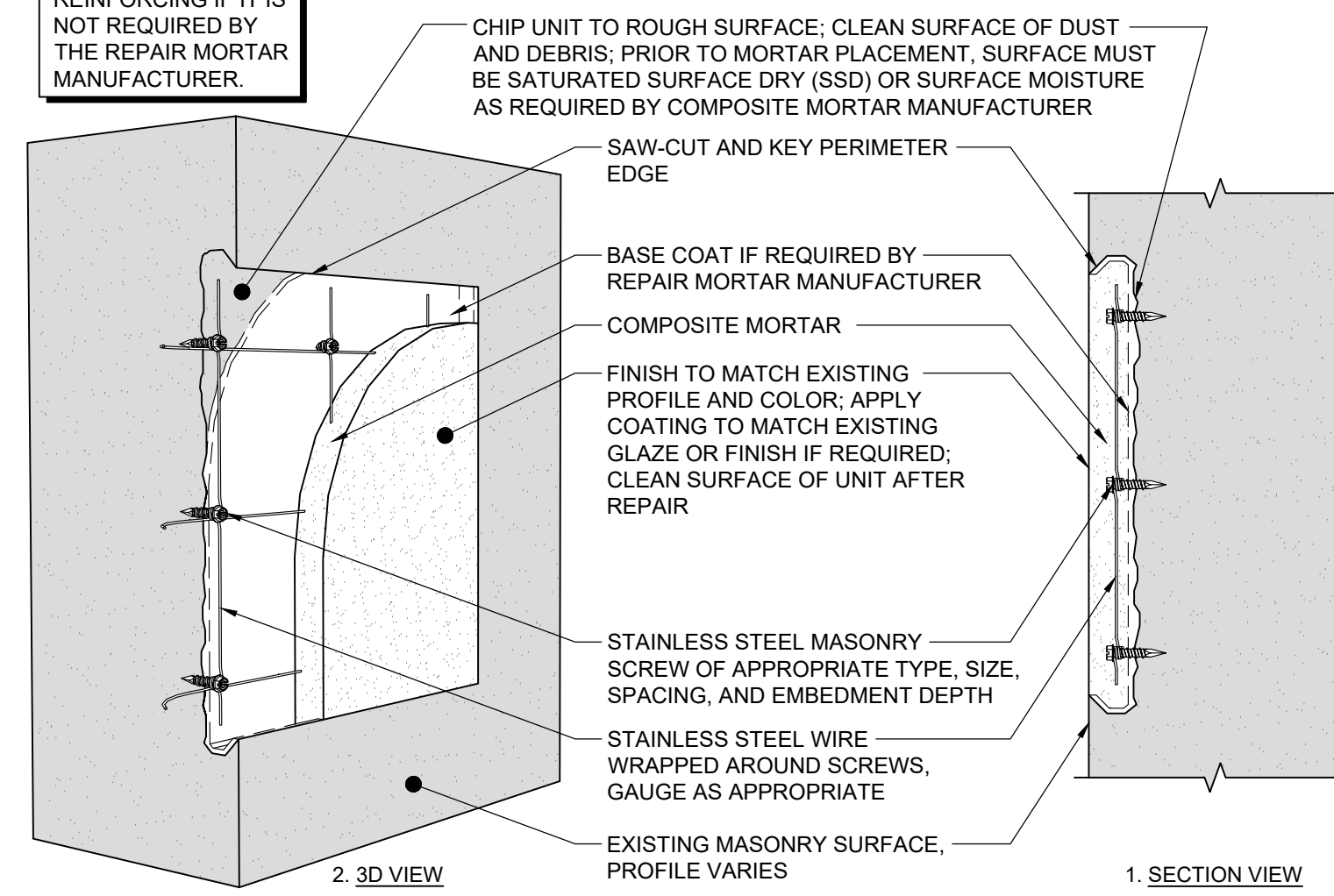


**4 MASONRY SPALL REPAIR - MEDIUM (UP TO 2" DEPTH)**

3"=1'-0"

NOTE: CONTRACTOR CAN NOT INSTALL REINFORCING IF IT IS NOT REQUIRED BY THE REPAIR MORTAR MANUFACTURER.

NOTE: CONTRACTOR TO ALLOW ARCHITECT TO SOUND COMPLETED SPALL REPAIR AREAS TO CONFIRM THAT PATCHES ARE WELL-BONDED TO PARENT STONE.



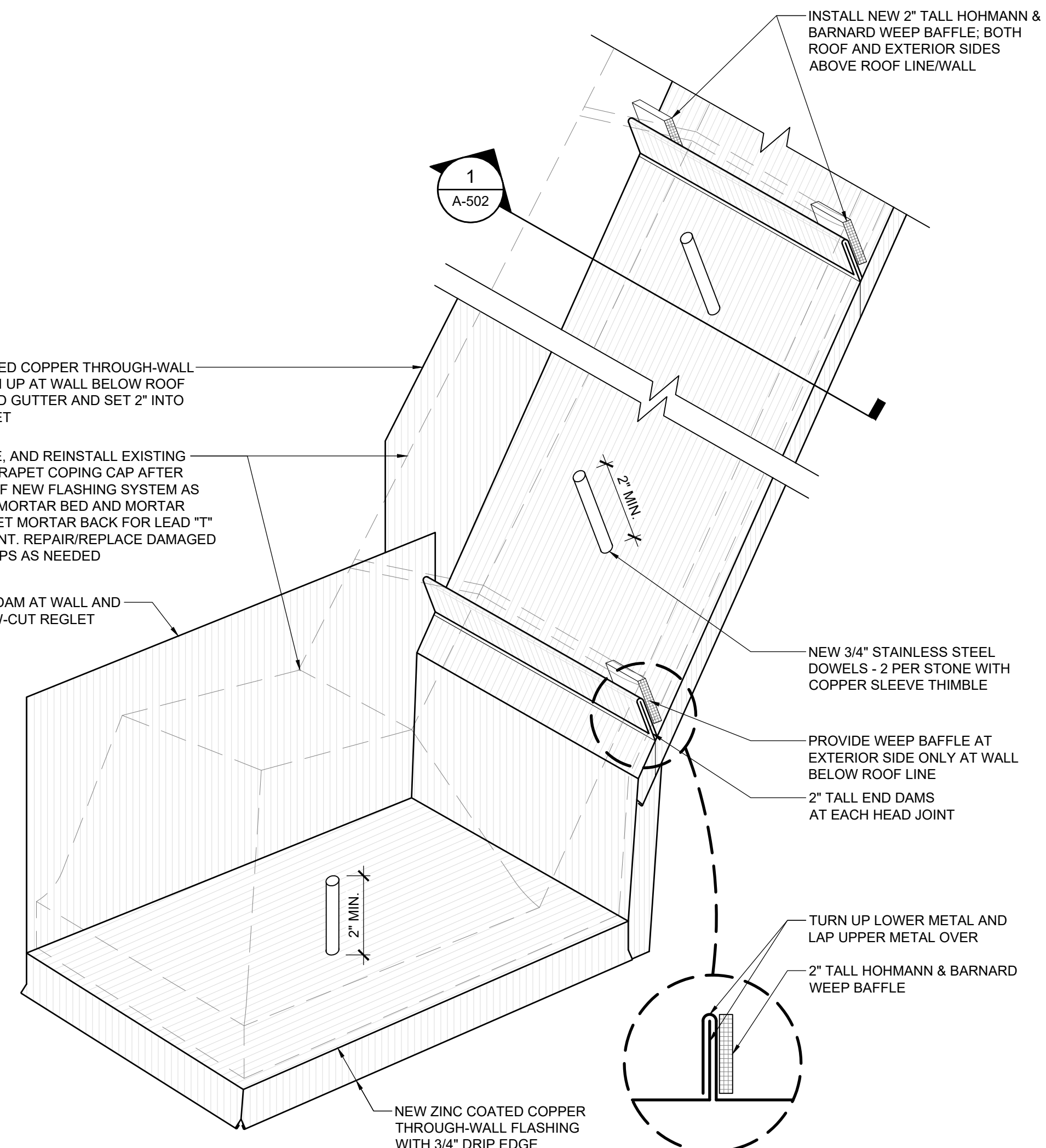
**3 MASONRY SPALL REPAIR - SMALL (1" TO 1.5" DEPTH)**

3"=1'-0"

NEW ZINC COATED COPPER THROUGH-WALL FLASHING. TURN UP AT WALL BELOW ROOF LINE AND BEHIND GUTTER AND SET 2" INTO SAW-CUT REGLET

REMOVE, STORE, AND REINSTALL EXISTING CAST STONE PARAPET COPING CAP AFTER INSTALLATION OF NEW FLASHING SYSTEM AS SHOWN. SET IN MORTAR BED AND MORTAR HEAD JOINTS. SET MORTAR BACK FOR LEAD "T" CAP AND SEALANT. REPAIR/REPLACE DAMAGED CAST STONE CAPS AS NEEDED

TURN UP BACK DAM AT WALL AND SET 2" INTO SAW-CUT REGLET



**2 NEW PARAPET CAPSTONE FLASHING DETAIL - ISOMETRIC**

N.T.S.

NEW LEAD "T" JOINT CAPS SET IN BED OF SEALANT. REFER TO DETAIL 5/A-503

END DAMS AT EACH HEAD JOINT AS SHOWN IN DETAIL 2/A-502

NEW CONT. BACKER ROD AND SEALANT JOINT WITH WEEP BAFFLES AT DOWNHILL CORNER OF EACH CAP, BOTH ROOF AND EXTERIOR SIDES. REFER TO ISOMETRIC DETAIL ABOVE FOR MORE INFORMATION

NEW CONTINUOUS WATERPROOF MEMBRANE FLASHING INSTALLED OVER TOP OF MASONRY (UNDER COPPER CAP FLASHING)

NEW ZINC COATED COPPER THROUGH-WALL FLASHING WITH CONT. CLEAT AND SEALANT JOINT AS SHOWN

EXISTING COPPER FLASHING TO REMAIN; REPAIR AS NEEDED

EXISTING BACKUP MASONRY WALL TO REMAIN - V.I.F. CONSTRUCTION AND REPAIR AS NEEDED

ROOF SIDE

**1 NEW PARAPET CAPSTONE FLASHING DETAIL**

3"=1'-0"

REMOVE, STORE, AND REINSTALL EXISTING CAST STONE PARAPET COPING CAP AFTER INSTALLATION OF NEW FLASHING SYSTEM AS SHOWN. SET IN MORTAR BED AND MORTAR HEAD JOINTS. SET MORTAR BACK FOR LEAD "T" CAP AND SEALANT. REPAIR/REPLACE DAMAGED CAST STONE CAPS AS NEEDED

NEW 3/4" S.S. DOWEL 3" MIN. DEPTH IN PARAPET WALL AND CAP. V.I.F. SET IN CONTINUOUS NEW GROUT. INSTALL COPPER SLEEVES OVER PINS OR SOLDER TO THROUGH-WALL FLASHING, 2 PER CAP

NEW CONT. SEALANT JOINT

EXISTING STONE MASONRY TO REMAIN; REPAIR AS NOTED ON THE DRAWINGS

2" TALL HOHMANN & BARNARD WEEP BAFFLE

2" TALL END DAMS AT EACH HEAD JOINT

PROVIDE WEEP BAFFLE AT EXTERIOR SIDE ONLY AT WALL BELOW ROOF LINE

INSTALL NEW 2" TALL HOHMANN & BARNARD WEEP BAFFLE. BOTH ROOF AND EXTERIOR SIDES ABOVE ROOF LINE/WALL

TURN UP LOWER METAL AND LAP UPPER METAL OVER

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CONSULTANTS:

PROJECT:

**ST. IGNATIUS CHURCH EXTERIOR RESTORATION PHASE 2**

28 COMMONWEALTH AVENUE  
CHESTNUT HILL, MA 02467

CLIENT:

**ST. IGNATIUS CHURCH**

28 COMMONWEALTH AVENUE  
CHESTNUT HILL, MA 02467

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	01/23/26	ISSUED FOR REVIEW

PROJECT NO.:	25061
DRAWN BY:	RJ
CHECKED BY:	SAW
DRAWING SCALE:	AS NOTED

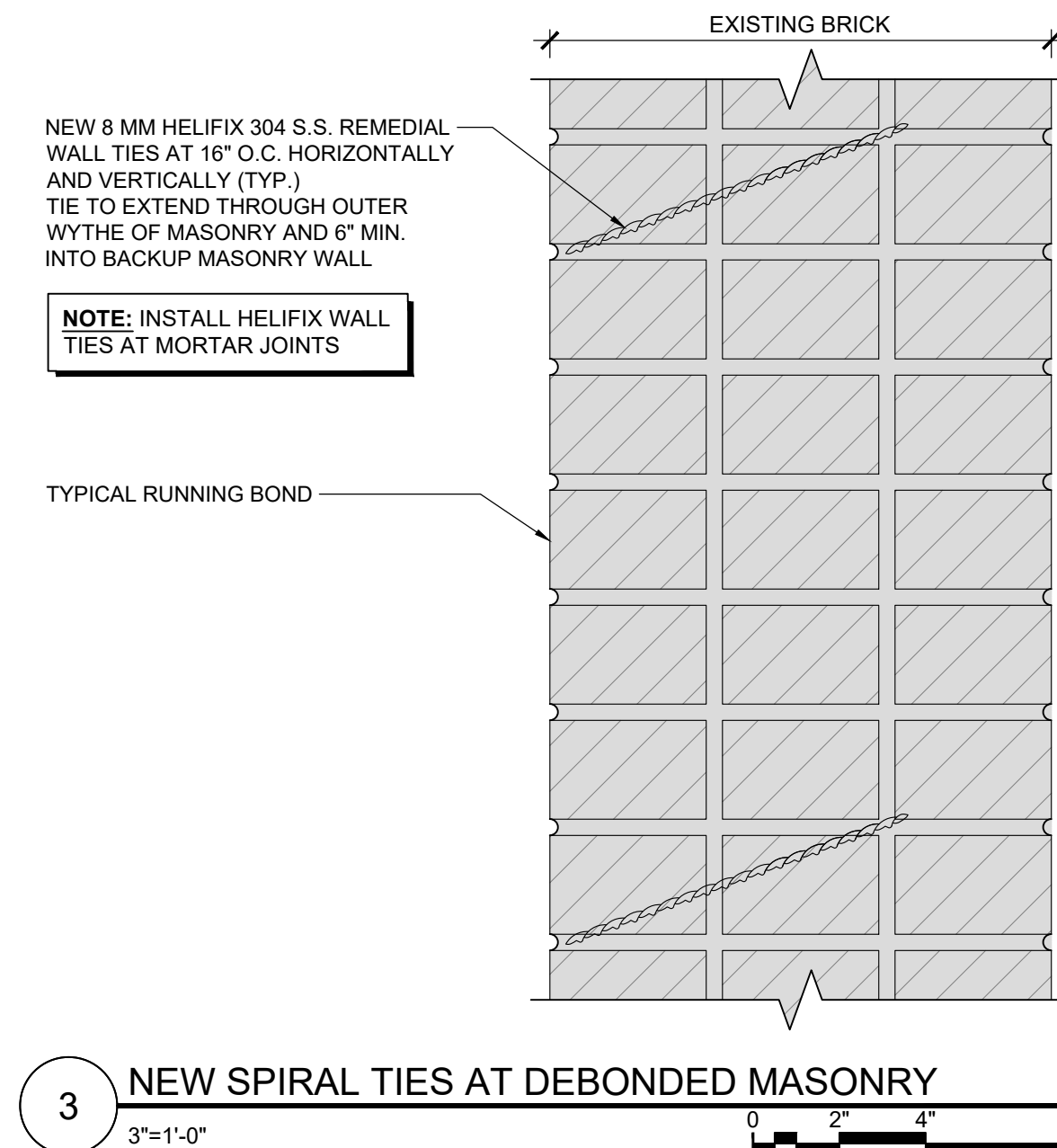
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**MASONRY REPAIR DETAILS**

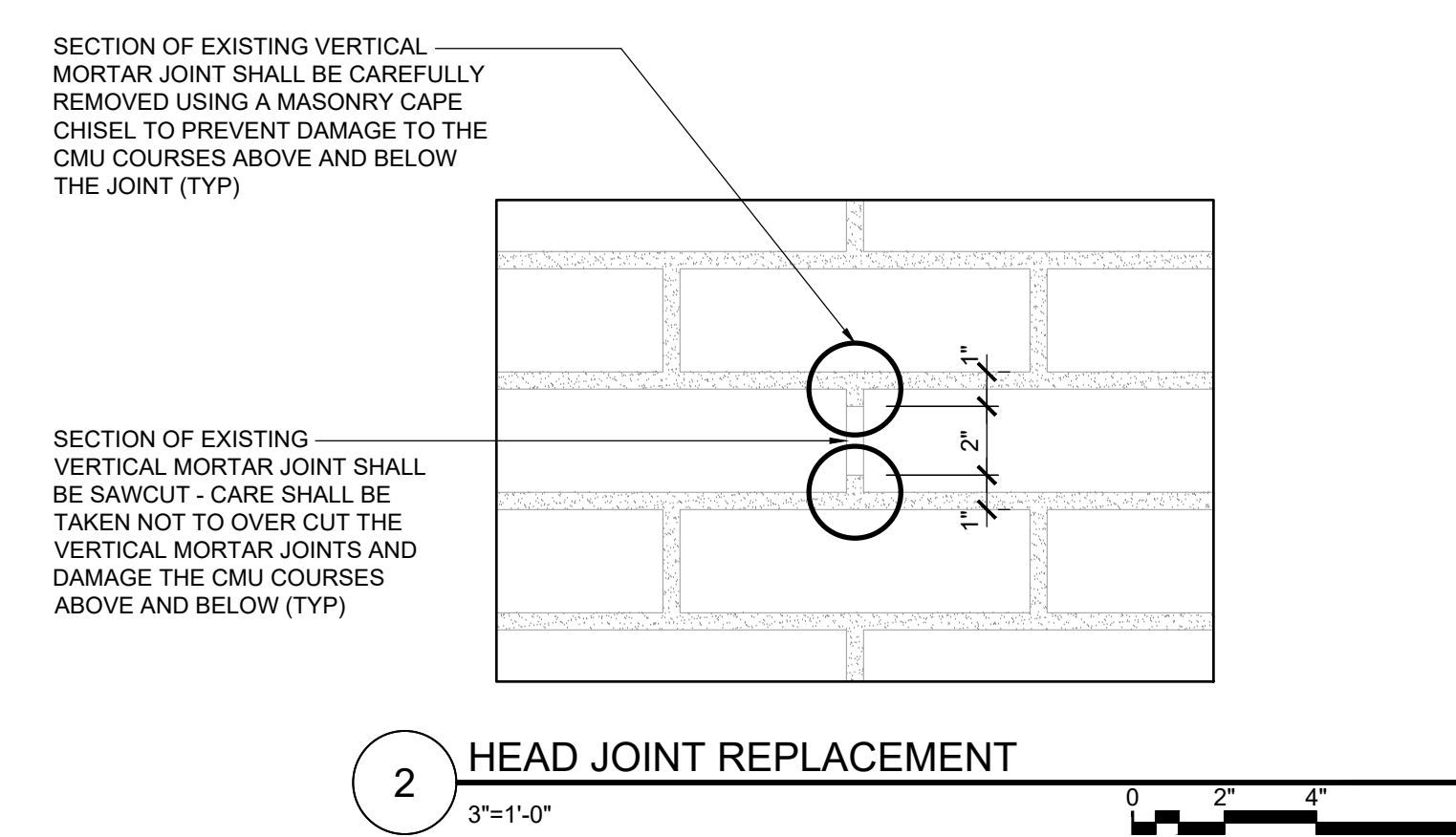
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**A-503**

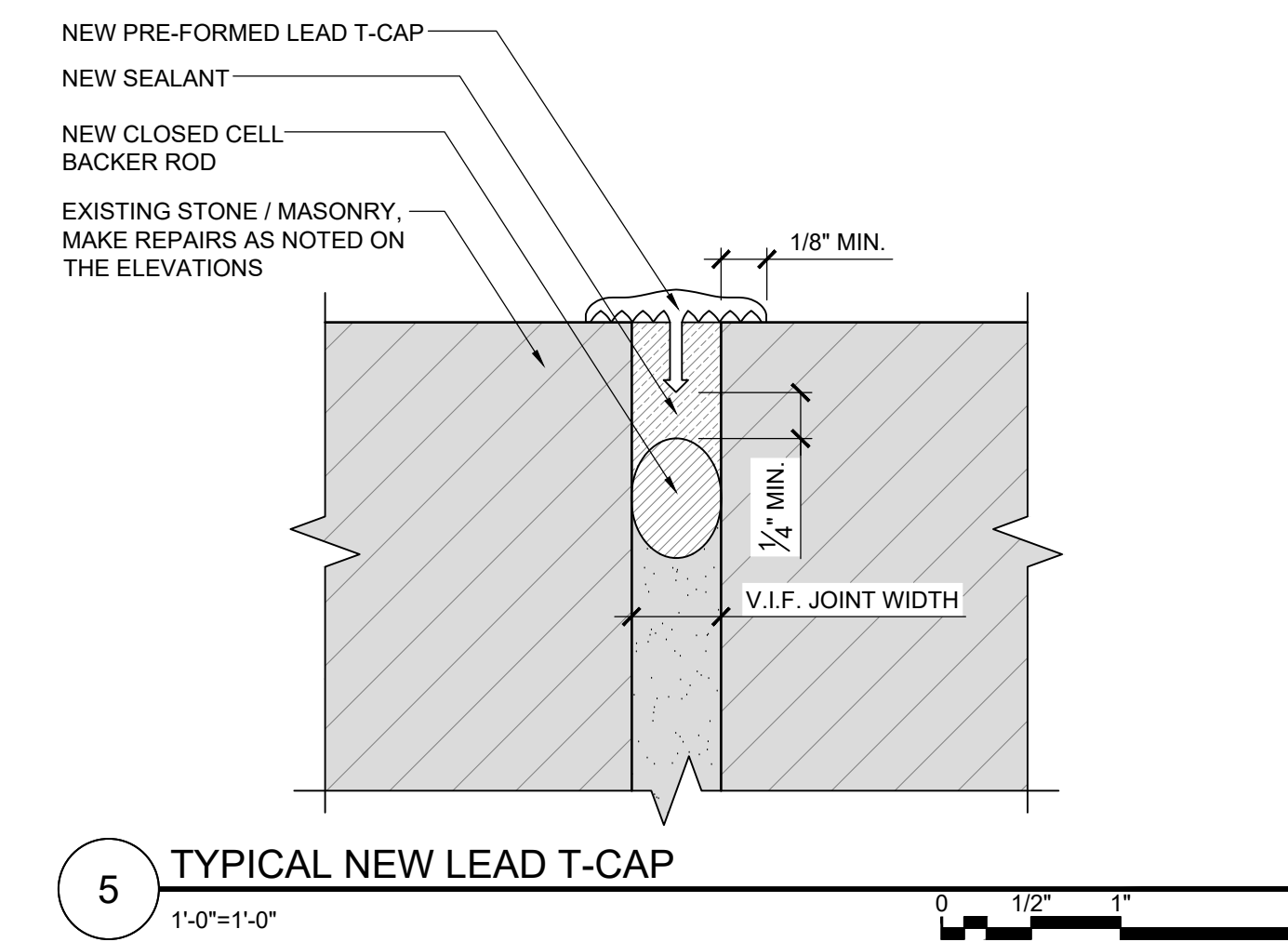
DO NOT SCALE DRAWING



**3 NEW SPIRAL TIES AT DEBONDED MASONRY**  
3\"/>

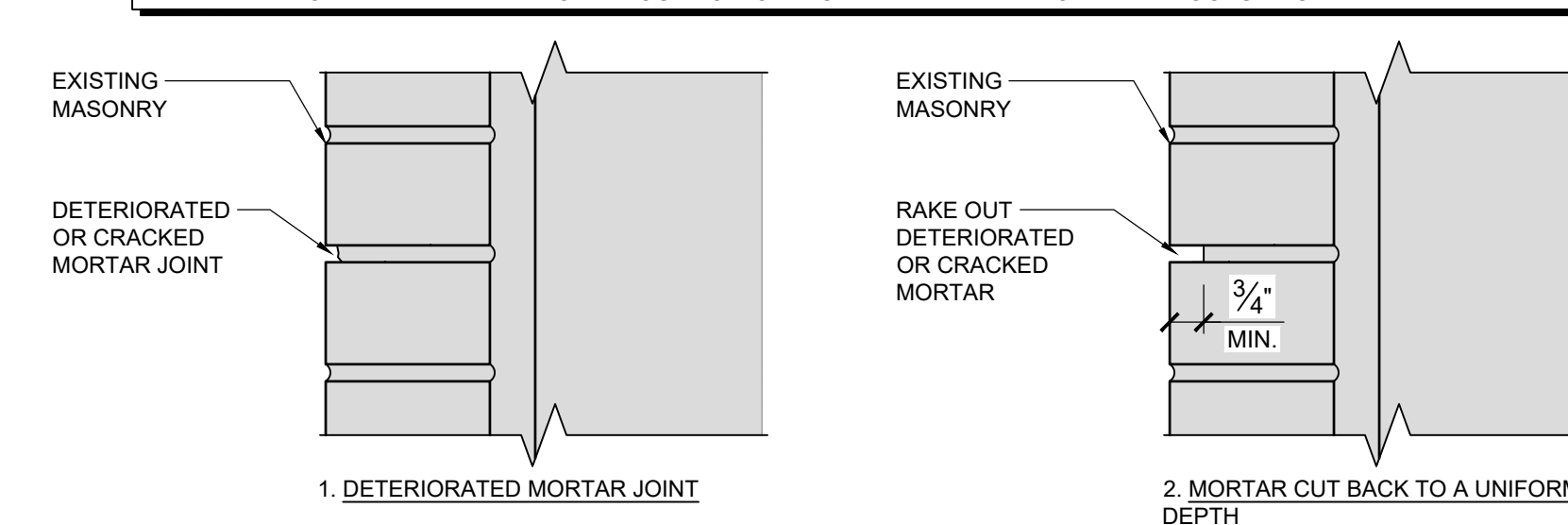


**2 HEAD JOINT REPLACEMENT**  
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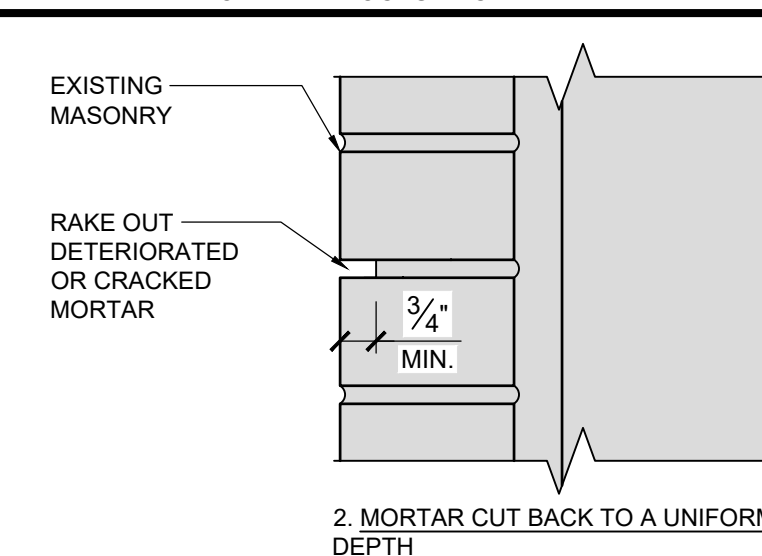


**5 TYPICAL NEW LEAD T-CAP**  
1\"/>

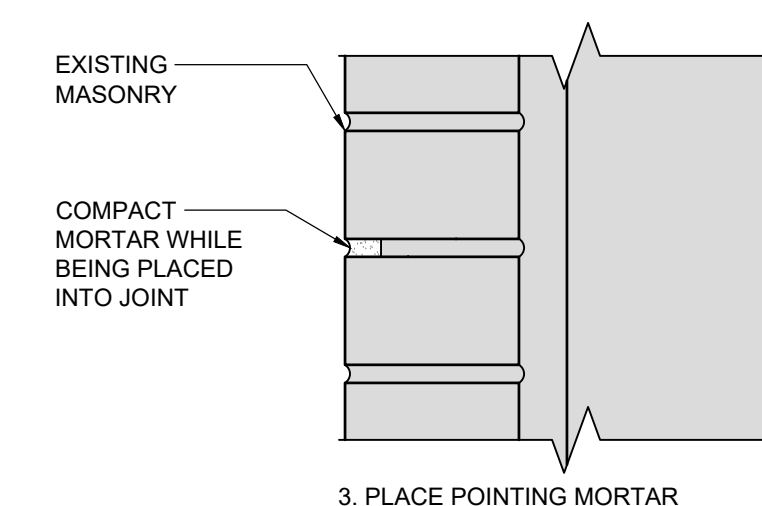
**NOTE: CONTRACTOR SHOULD EXPECT AND PLAN FOR AT LEAST A 30-DAY PROCESS TO COMPLETE INSTALLATION AND APPROVAL OF MASONRY RESTORATION MOCKUPS. MORTAR NEEDS TO CURE A MINIMUM OF 7 DAYS PRIOR TO ON-SITE REVIEW. MASONRY WALLS NEED TO DRY OUT FOLLOWING RAIN EVENTS BEFORE ANY MOCKUPS CAN BE REVIEWED.**



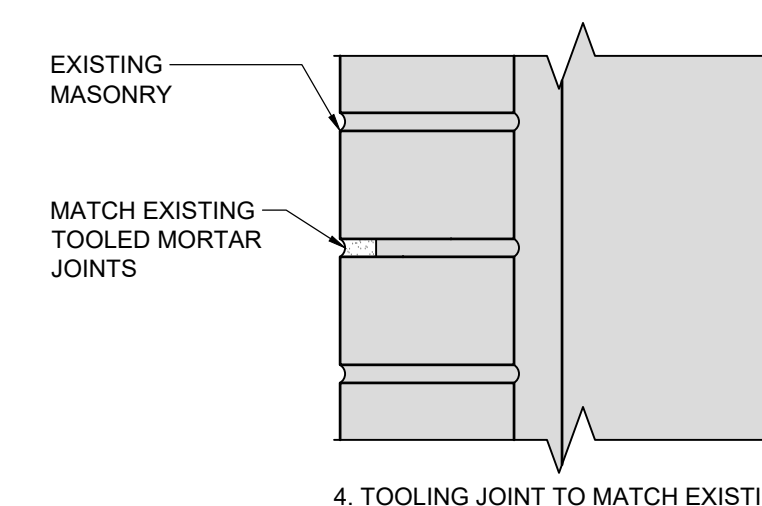
**1. DETERIORATED MORTAR JOINT**



**2. MORTAR CUT BACK TO A UNIFORM DEPTH**



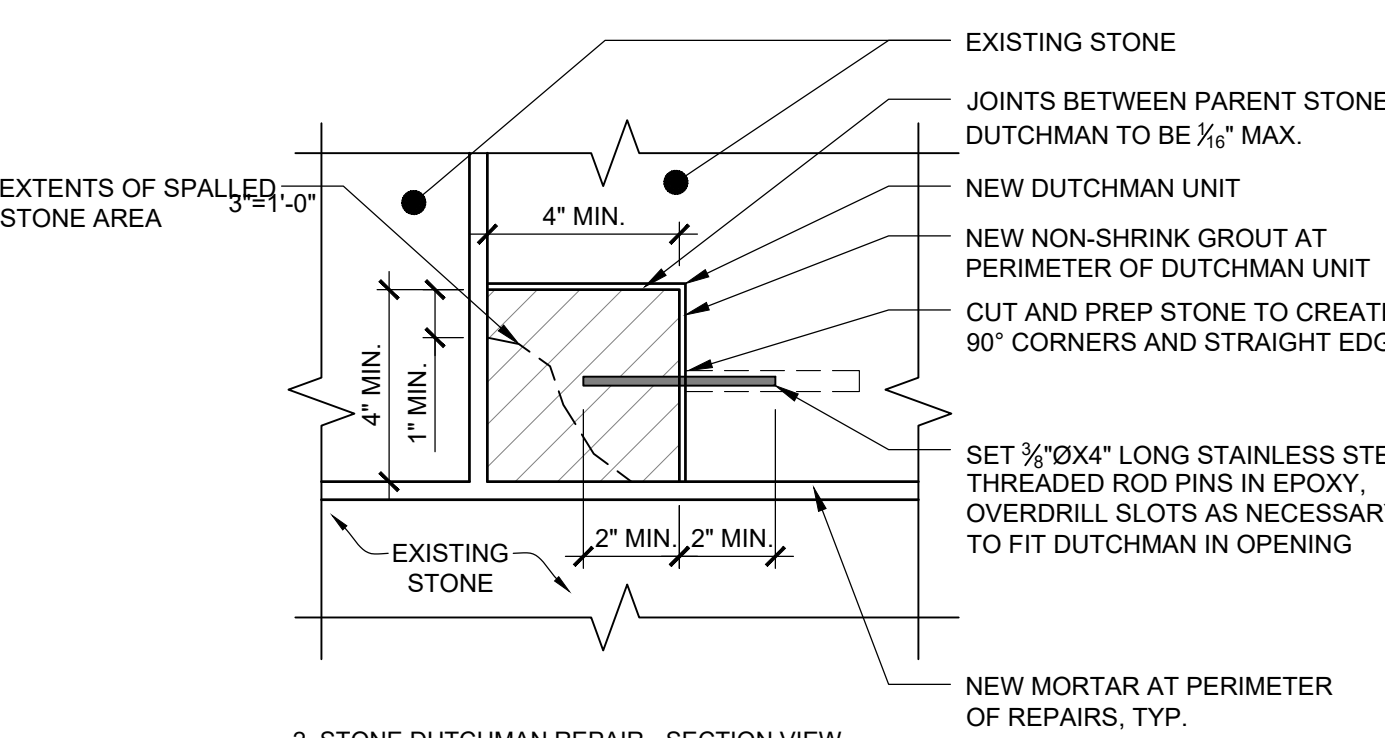
**3. PLACE POINTING MORTAR**



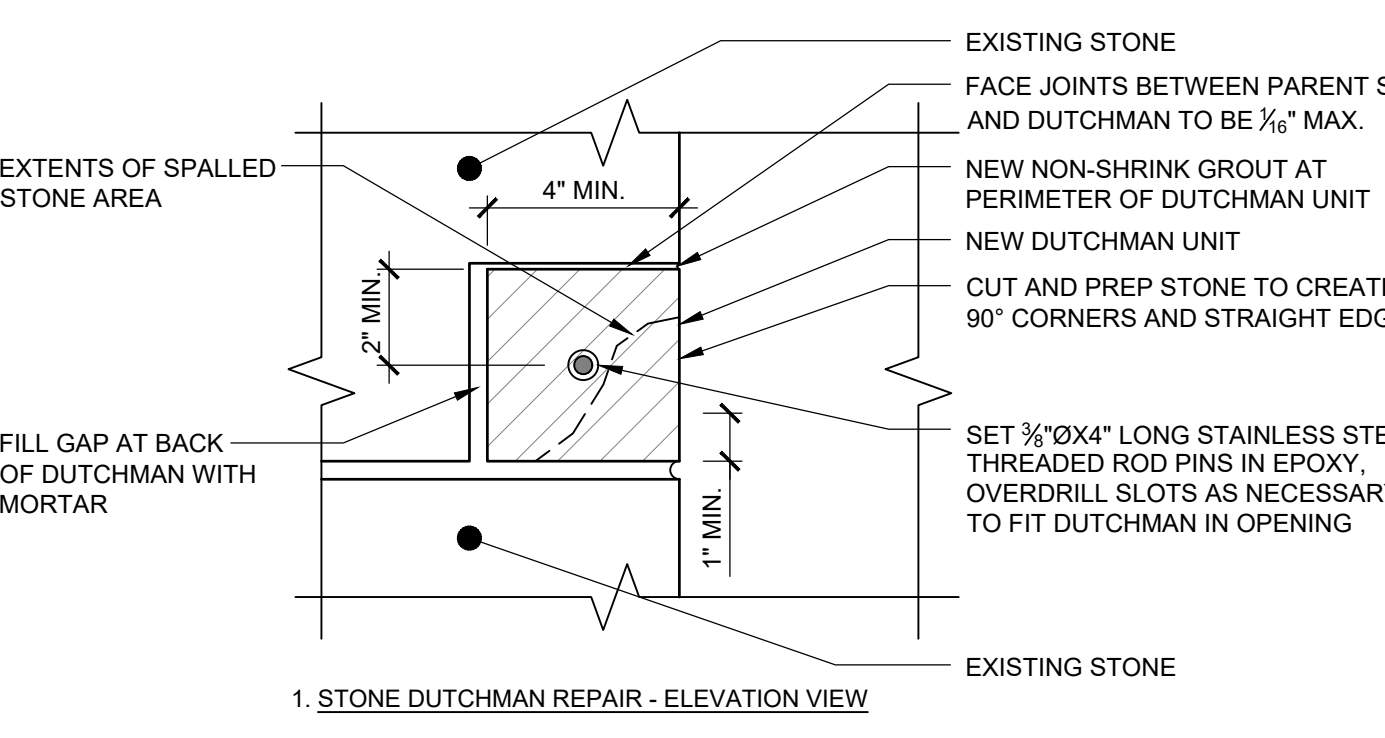
**4. TOOLING JOINT TO MATCH EXISTING MORTAR JOINT PROFILE (TYP)**

**MORTAR REPAIR NOTES:**  
EXISTING MORTAR SHALL BE CUT OUT BY MEANS OF A PLUGGING CHISEL OR CAPE CHISEL OR A SPECIAL POINTER'S GRINDER TO A DEPTH OF 2 TO 2-1/2 TIMES THE WIDTH OF THE JOINTS (3/4\"/>

**1 MORTAR REPAIR DETAIL (TYP.)**  
3\"/>

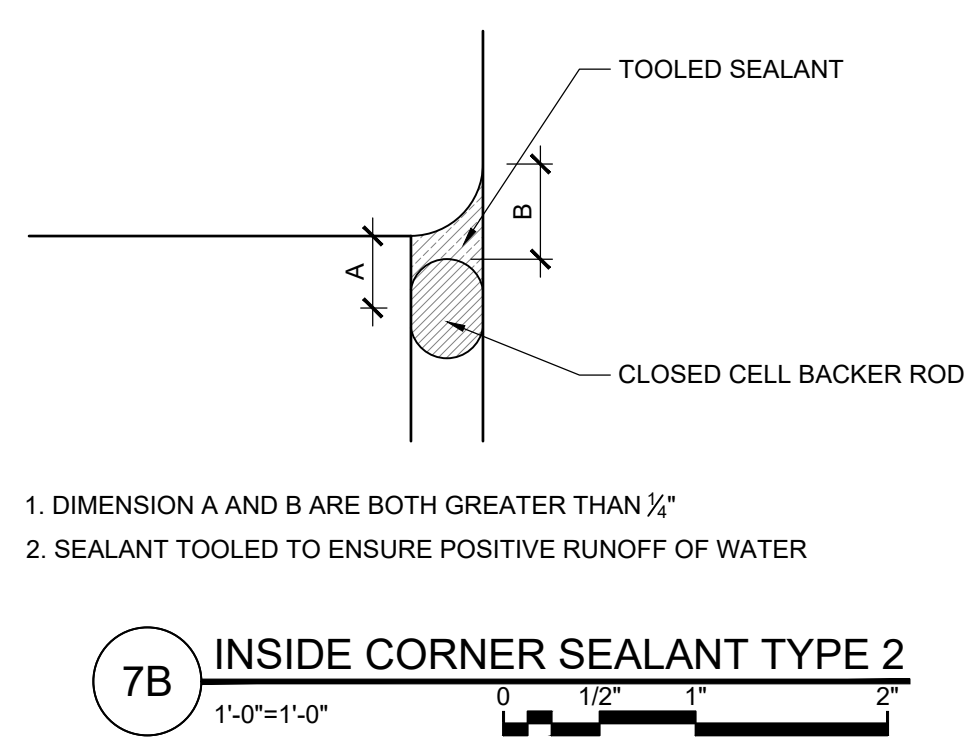


**2. STONE DUTCHMAN REPAIR - SECTION VIEW**

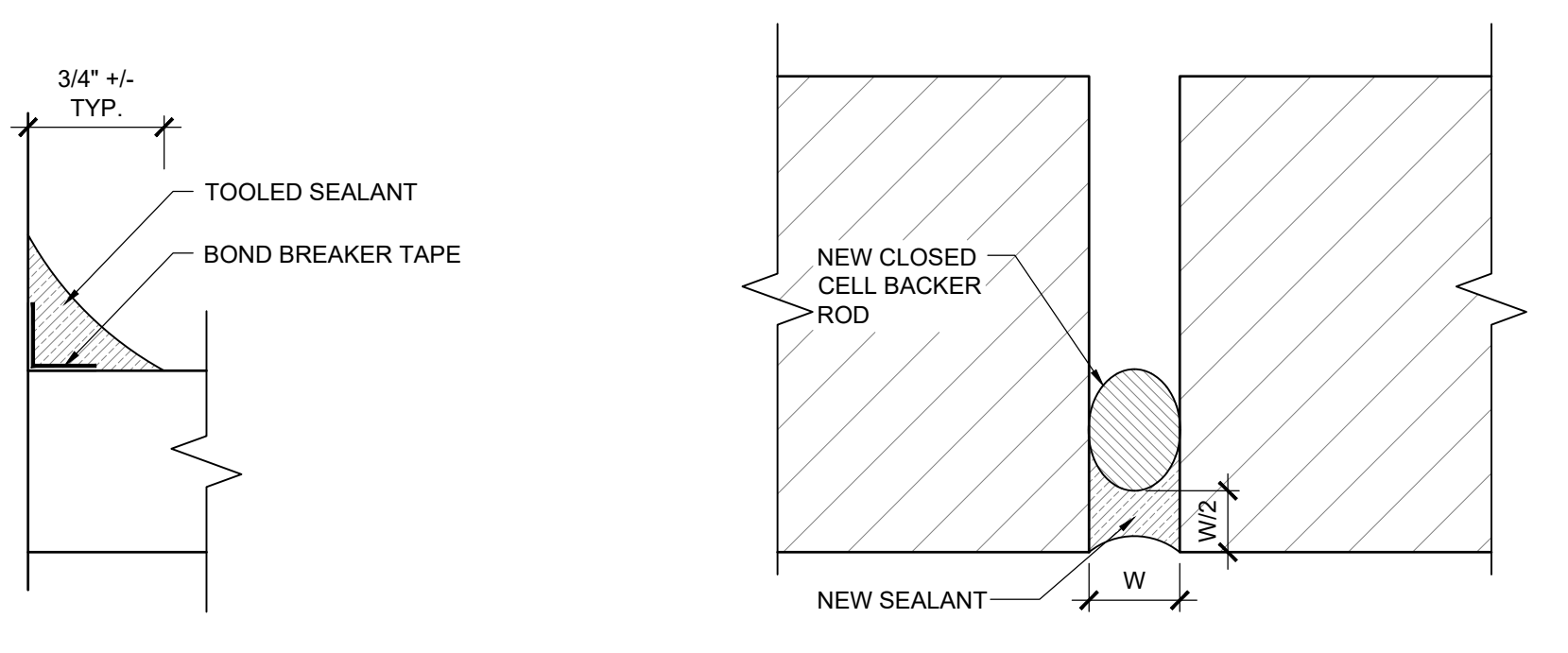


**1. STONE DUTCHMAN REPAIR - ELEVATION VIEW**

**4 STONE DUTCHMAN REPAIR**  
3\"/>



**7B INSIDE CORNER SEALANT TYPE 2**  
1\"/>



**6 TYPICAL SEALANT JOINT REPLACEMENT**  
1\"/>

**7A INSIDE CORNER SEALANT TYPE 1**  
1\"/>

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