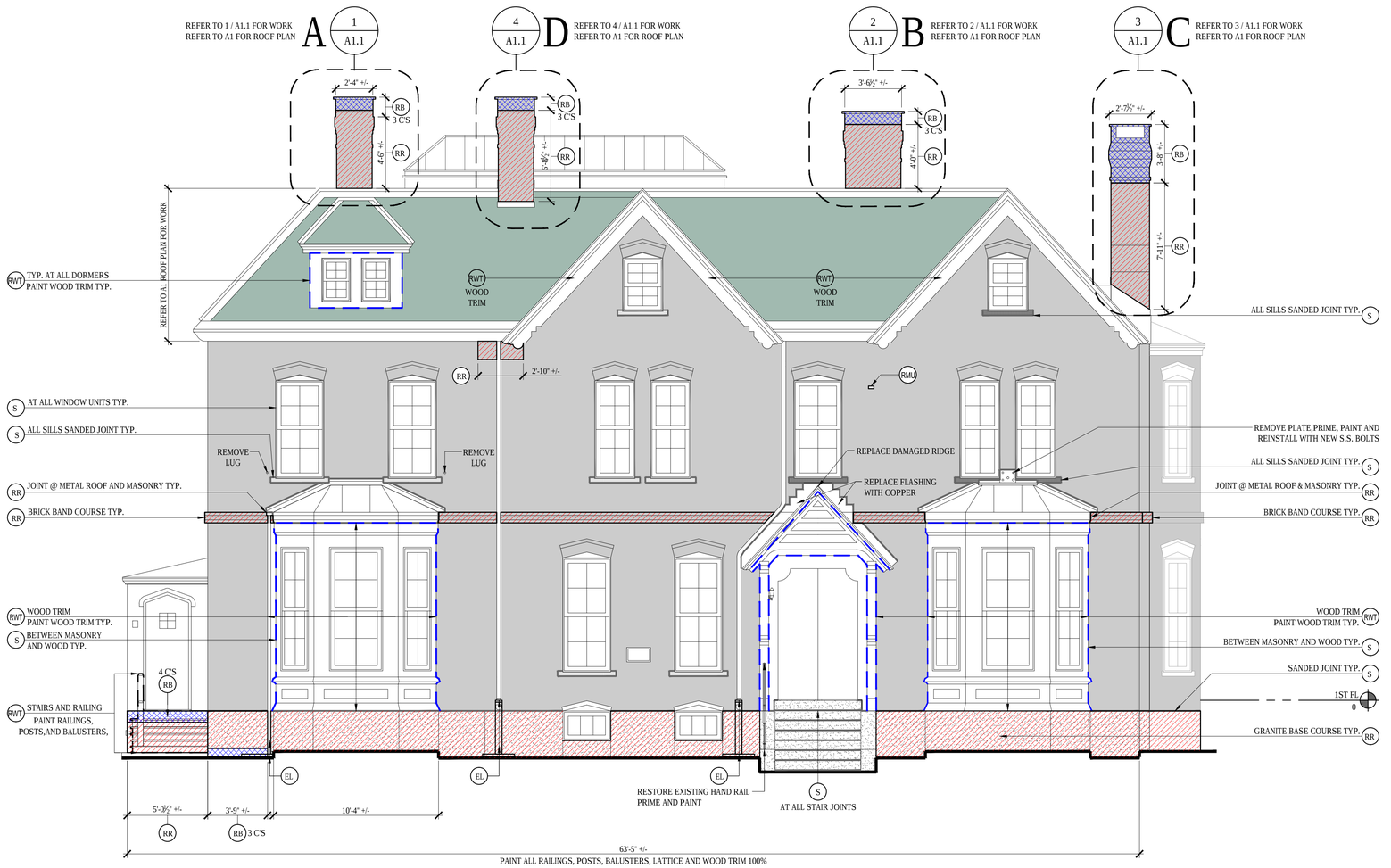


1 WEST ELEVATION

SCALE: 1/4"=1'-0"

RR — RAKE OUT AND REPOINT

RAKE OUT & RE-POINT: RAKE OUT ALL JOINTS TO A MINIMUM DEPTH OF 1ö UNLESS OTHERWISE NOTED. RE-POINT JOINTS IN MASONRY WITH A PROPORTIONALLY MIXED BY VOLUME POINTING MORTAR. DO NOT LET HARDEN ON THE SURFACE OF MASONRY. MORTAR MUST CURE A MINIMUM OF 7 TO 14 DAYS PRIOR TO FINAL WASHING. WASH MASONRY WITH SPECIFIED PRODUCT LISTED IN THESE DOCUMENTS. ADDITIONAL WASHES MAY BE NECESSARY TO OBTAIN THE DESIRED APPEARANCE.

POINTING MORTAR RECIPE:
AS NOTES ON SHEET A0

RB — REBUILD

REBUILD: REMOVE AND REBUILD INDICATED MASONRY 1 WYTHE DEEP (UON). REBUILD USING EXISTING MATERIALS IF POSSIBLE, OTHER WISE, MATCH EXISTING MATERIALS. REASSEMBLE TO MATCH ORIGINAL CONFIGURATION AT ALL LOCATIONS. LAY NEW MASONRY VENEER TRUE AND PLUMB WITH PROPORTIONALLY MIXED MORTAR TO MATCH EXISTING IN COLOR, POINTING PROFILE AND SAND SELECTION. REMOVE RESIDUAL MORTAR FROM ADJACENT MATERIAL IMMEDIATELY. DO NOT LET HARDEN ON MASONRY FACE. MORTAR MUST CURE FOR AT LEAST 14 TO 30 DAYS PRIOR TO FINAL WASH (CURING TIME MAY VARY DEPENDING ON WEATHER CONDITIONS). WASH MASONRY WITH SPECIFIED PRODUCT LISTED IN THESE DOCUMENTS. ADDITIONAL WASHES MAY BE NECESSARY TO OBTAIN THE DESIRED APPEARANCE.

IN ALL AREAS MARKED AS REBUILD INSTALL 6MM HELICAL WALL TIES AS PER THE DETAILS IN THIS DRAWING SET. FINAL POINTING OF THE ARE WILL ALSO BE REQUIRED

HWT — HELICAL WALL TIE

HELICAL WALL TIES: INSTALL IN AREAS INDICATED 6MM HELICAL WALL TIES BY HELIFIX CORP. THRU THE FACE BRICK MORTAR JOINTS INTO THE BACKUP MATERIAL AS INDICATED IN THE DRAWINGS AND DETAILS. ALSO REFERENCE THE MANUFACTURER'S SPECIFICATION FOR DEPTH OF PENETRATION INTO BACK UP AND DEPTH OF HELICAL WALL TIE HEAD BEHIND MORTAR JOINT. AREAS WHERE WALL TIES ARE INSTALLED, THE ENTIRE FIELD IS TO BE RAKED OUT AND REPOINTED AS THE ABOVE "RR" NOTE INDICATES.

HCS — HELICAL CRACK STITCH

HELICAL CRACK STITCH: INSTALL 4MM S.S. HELICAL ANCHORS BY HELIFIX CORP. AS PER MANUFACTURES 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.

S — BACKER ROD AND SEALANT

SEALANT: -INSTALL NEW CLOSED CELL FOAM BACKER ROD AS REQUIRED AFTER RE-POINTING, INSTALL SEALANT PER THE DETAILS AND MANUFACTURERS SPECIFICATIONS . CONTRACTOR WILL COORDINATE A PULL TEST APPROVAL WITH SEALANT MANUFACTURER'S REP FOR WARRANTY PURPOSES AND SUBMIT A COPY TO BES. ALL SEALANT JOINTS TO BE SANDED TO MATCH MORTAR.

E — EPOXY CRACK IN MASONRY

EPOXY: CONTRACTOR WILL APPLY THE 2-PART EPOXY RESIN TO REPAIR MASONRY ELEMENTS. IF MATERIAL IS FRACTURED INTO LOOSE PIECES, DRILL AND EPOXY 3/16ö S.S. THREADED ANCHORING PINS INTO ELEMENTS AS PART OF THE REPAIR. IF THE CAUSE OF CRACKING IS DUE TO STRUCTURAL LOADING, CONTACT BUILDING ENVELOPE SPECIALISTS FOR ADDITIONAL REPAIR MEASURES. IF SECTION OF STONE IS LOOSE, REMOVE, CLEAN, AND EPOXY IN ORIGINAL LOCATION

P — PATCH MASONRY

PATCH: REMOVE LOOSE, SCALING OR SPALLING MASONRY, PATCH WITH PRODUCT INDICATED IN THIS DRAWING SET SPECIFIC TO THE MATERIAL BEING PATCHED.

WC — WEATHER CAP

WEATHER CAP - INSTALL WEATHERCAP LEAD STONE FLASHING STRIPS IN ALL LOCATIONS LOCATION WHERE TEE'S ARE INDICATED ON DRAWINGS,. USE SIZE OF STRIPS AS RECOMMENDED BY MANUFACTURER AND COMPATIBLE WITH STYLE AND CONFIGURATION OF EXISTING. STRIPS SHOULD BE OF SUFFICIENT SIZE TO COVER THE SEALANT JOINT WIDTH, PLUS A PERCENTAGE ALLOWANCE FOR ANTICIPATED. IN ALL LOCATIONS WHERE THERE IS A LUG AS PART OF THE MASONRY THE WEATHERCAP WILL LAP UP AND OVER THE TOP OF THE LUG.

EL — EXTEND LEADER

EXTEND LEADER TO GROUND W/ ANGLED TURNED AWAY FROM BUILDING PROVIDE A 2' X 2' X 2' THICK CONCRETE BACK SPLASH BLOCK TYP. AT ALL LEADERS

RMU — REPLACE MASONRY UNITS

REPLACE MASONRY UNITS: REMOVE THE BROKEN SPALLED OR DAMAGED MASONRY UNITS AND REPLACE WITH MATCHING MASONRY.

RWT — REPAIR OR REPLACE WOOD TRIM

REPAIR OR REPLACE WOOD TRIM AREAS INDICATED ON THE DRAWINGS WHERE WOOD TRIM IS DETERIORATED, DAMAGED OR MISSING, REPAIR WITH EPOXY FILLER OR REPLACE WITH NEW MATCHING MATERIAL. PRIME ALL SIDES, AFFIX WITH MATCHING FASTENERS, AND FINISH PAINT. IN AN AREA WHERE FLASHING ARE EXPOSED REPAIR FLASHING AS REQUIRED PRIOR TO DOING WOOD REPAIR. IF GUIDANCE IS REQUIRED PLEASE CONTACT BES PRIOR TO COMPLETING WORK. CONTRACTOR REQUIRED TO CARRY ENOUGH SCOPE TO REPAIR DAMAGED AREAS.

RMC — REMOVE MASONRY COATINGS

REMOVE MASONRY COATINGS AREAS INDICATED IN THE DRAWINGS TO HAVE ALL PAINTS AND MASONRY COATINGS REMOVED AS INDICATED BY THE DRAWINGS AND NOTES.

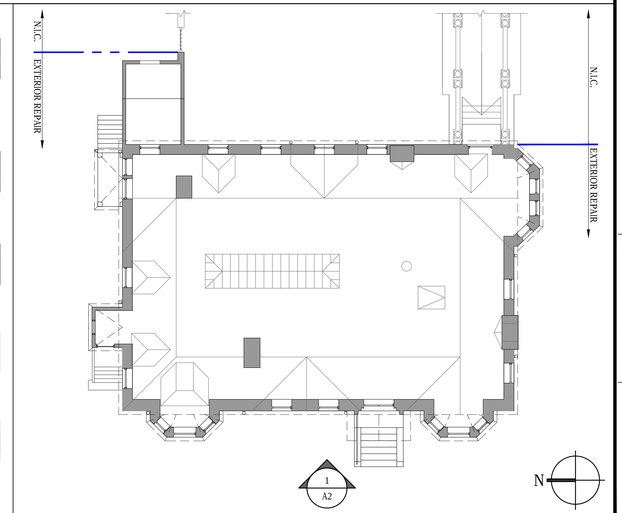
CL — CLEAN

CLEAN PRE-WASH ALL THE MASONRY AND MORTAR JOINTS WITH SPECIFIED PRODUCT BELOW, AFTER COMPLETION OF REPAIR A FINAL WASH MUST ALSO BE DONE WITH THE SPECIFIED PRODUCT BELOW. PROTECT ALL NON BRICK MASONRY AREAS FROM CLEANING SOLUTION. WHEN CLEANING BE SURE TO WASH ALL MASONRY RETURNS AT WALLS AND WINDOW / DOOR OPENINGS AS WELL AS ALL SIDES OF COLUMNS.

EXISTING SAND STONE
EXISTING LIME STONE
EXISTING GRANITE
EXISTING BRICK
BLACK MONSON SLATE SHINGLES

2 NOTES AND LEGEND

SCALE: 1/8"=1'-0"



3 KEY PLAN

SCALE: 3/32"= 1'-0"

ISSUED FOR CONSTRUCTION

LICENSED ARCHITECT
DAVID P. DOUGLASS
NO. 3000
STATE OF MAINE

02/01/2016

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Episcopal Diocese of Maine

143 State street Portland

LORING HOUSE

BUILDING ENVELOPE MASONRY REPAIR

REVISIONS

DRAWN BY: RJH
CHECKED BY: DPD
DATE: 02-01-2016
ISSUED: CONSTRUCTION DOCUMENTS

WEST ELEVATION,NOTES AND KEY PLAN

A2

SCALE: AS NOTED
PROJECT NUMBER : 008-15

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