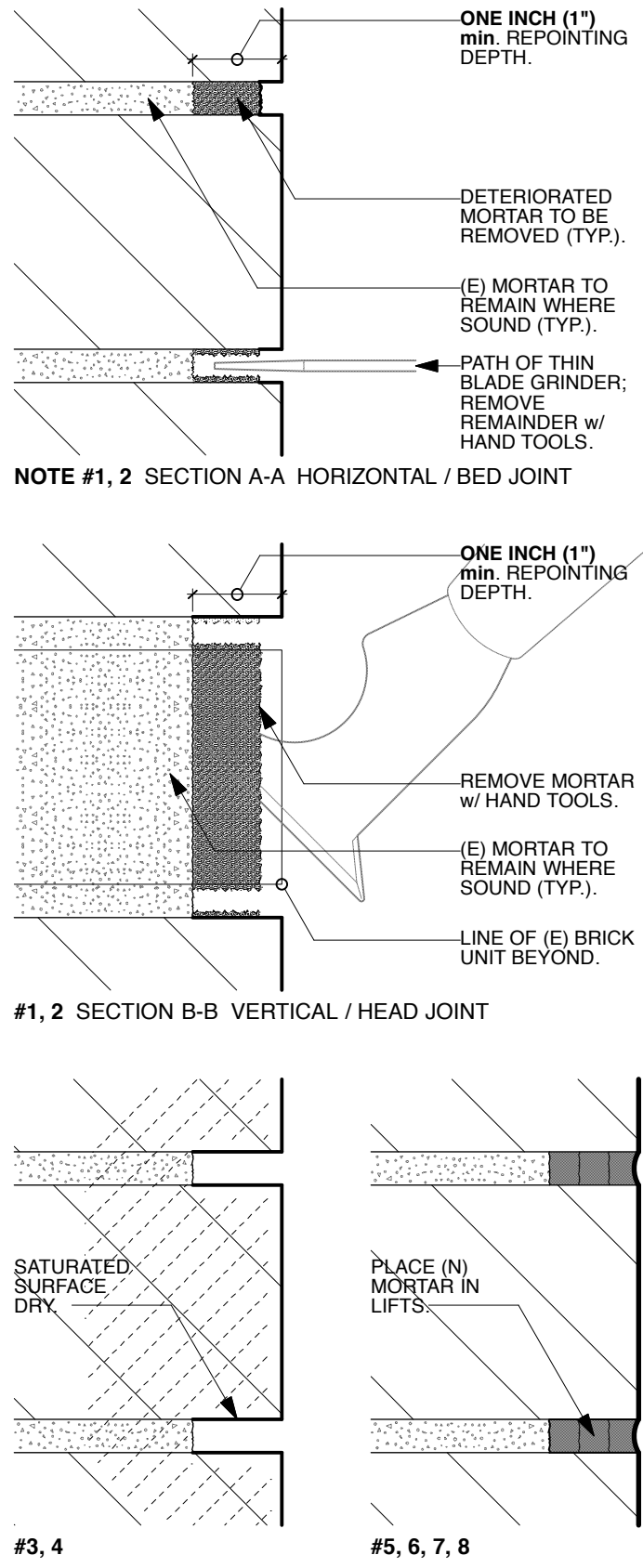


- REPAIR KEY**
1. REMOVE (E) MORTAR TO SUFFICIENT UNIFORM DEPTH (2 TO 2-1/2 x JOINT WIDTH) approx. ONE INCH (1") min. REMOVE LOOSE OR DISINTEGRATED MORTAR BEYOND CUT DEPTH TO SOUND SUBSTRATE.
 2. HORIZONTAL / BED JOINTS: REMOVE (EX MORTAR) w/ HAND TOOLS. VERTICAL / HEAD JOINTS: REMOVE MORTAR w/ HAND TOOLS.
 3. CLEAN OUT JOINTS w/ CLEAN COMPRESSED AIR AND FLUSH w/ CLEAN WATER TO REMOVE ALL LOOSE PARTICLES & DUST.
 4. THOROUGHLY WET MASONRY & (E) MORTAR BEFORE PLACING (N) MORTAR. ALLOW SUFFICIENT TIME FOR JOINTS TO BE DAMP, BUT w/ NO FREESTANDING WATER PRESENT.
 5. PROVIDE (N) MORTAR, TYPE AS PER SPECS, TO MATCH EXISTING COLOUR, TEXTURE & PROFILE. FILL JOINTS BY APPLYING SUCCESSIVE approx. 1/4" LIFTS OF WELL-PACKED MORTAR. ALLOW EACH LAYER OF MORTAR TO BECOME THUMP/PRINT HARD BEFORE APPLYING NEXT LIFT.
 6. TOOL FINAL LAYER OF MORTAR TO MATCH EXISTING. RECESS MORTAR SLIGHTLY FROM FACE OF MASONRY; DO NOT CREATE FEATHERED EDGE.
 7. DURING CURING PROCESS, KEEP MASONRY UNITS & (N) MORTAR DAMP BY MISTING PERIODICALLY AND SHADING FOR SEVERAL DAYS AFTER INSTALLATION, ACCORDING TO LOCAL CONDITIONS. CLEAN REPOINTED MASONRY w/ NATURAL BRISTLE OR NYLON BRUSH.
 8. AFTER FULL CURE, WASH DOWN REPOINTED MASONRY w/ CLEAN WATER AND CONSTRUCTION CLEANER AS PER SPECS.

NB: PROVIDE approx. 2'-0" x 2'-0" MOCK-UP PANEL IN PLACE FOR REVIEW.



NOTE #1, 2 SECTION A-A HORIZONTAL / BED JOINT

#1, 2 SECTION B-B VERTICAL / HEAD JOINT

#3, 4

#5, 6, 7, 8

1 MASONRY REPOINTING

Scale: 1 1/2" = 1'-0"

NB: PROVIDE approx. 12" SAMPLE IN PLACE FOR ARCHITECT'S REVIEW.

NB: SEE DRG SHEET A600 FOR DETAILS OF STEEL WINDOW RESTORATION.

(E) ADJACENT MASONRY TO REMAIN. TEMPORARY PROTECTION & SHORING AS REQUIRED.

REMOVE (E) MASONRY AS REQUIRED. PARGE BACK-UP MASONRY SMOOTH. REPLACE w/ (N) BRICK MASONRY AS INDICATED. TOOTH INTO ADJACENT MASONRY. RETAIN & REPOINT HEADERS IF INTACT.

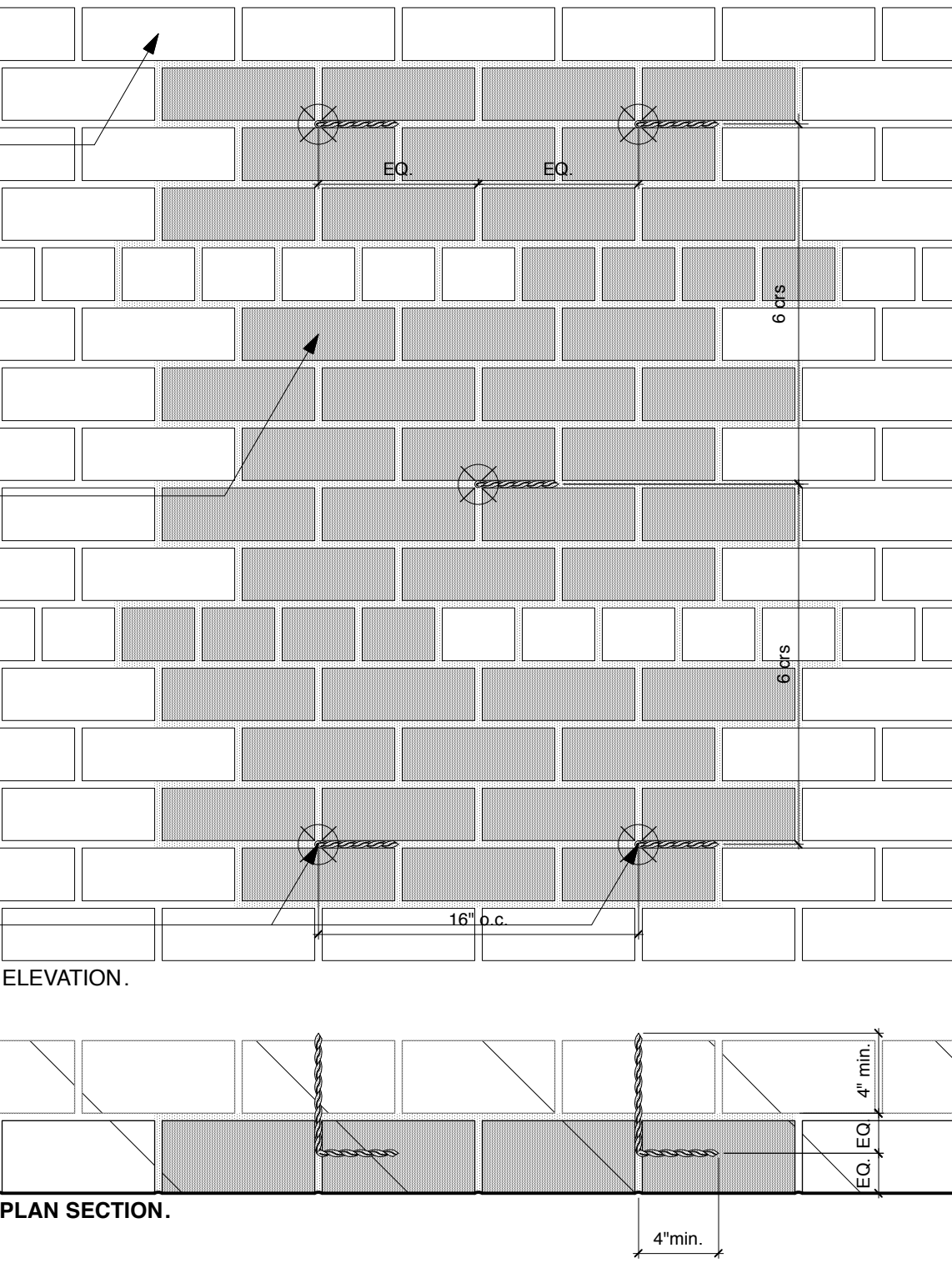
BRICK: COLOR, TEXTURE & SIZE TO MATCH EXISTING. MORTAR: refer to specifications for type. BOND: t.m.e. COURSING: t.m.e.

(N) NON-CORROSIVE HELICAL WALL TIE AT SPACING INDICATED; BEND EXPOSED PORTION OF TIE 90° TO ALIGN w/ CENTRE OF BRICK.

NB: PROVIDE BRICK & MORTAR SAMPLE IN PLACE FOR ARCHITECT'S REVIEW.

2 BRICK MASONRY RECONSTRUCTION (± 1 S.F.)

Scale: 1 1/2" = 1'-0"



ELEVATION.

PLAN SECTION.

(E) ADJACENT MASONRY TO REMAIN. TEMPORARY PROTECTION & SHORING AS REQUIRED.

REMOVE (E) MASONRY AT AND SURROUNDING CRACK AS INDICATED. PARGE BACK-UP MASONRY SMOOTH. REPLACE w/ (N) BRICK MASONRY. TOOTH INTO ADJACENT MASONRY. RETAIN HEADERS IF INTACT.

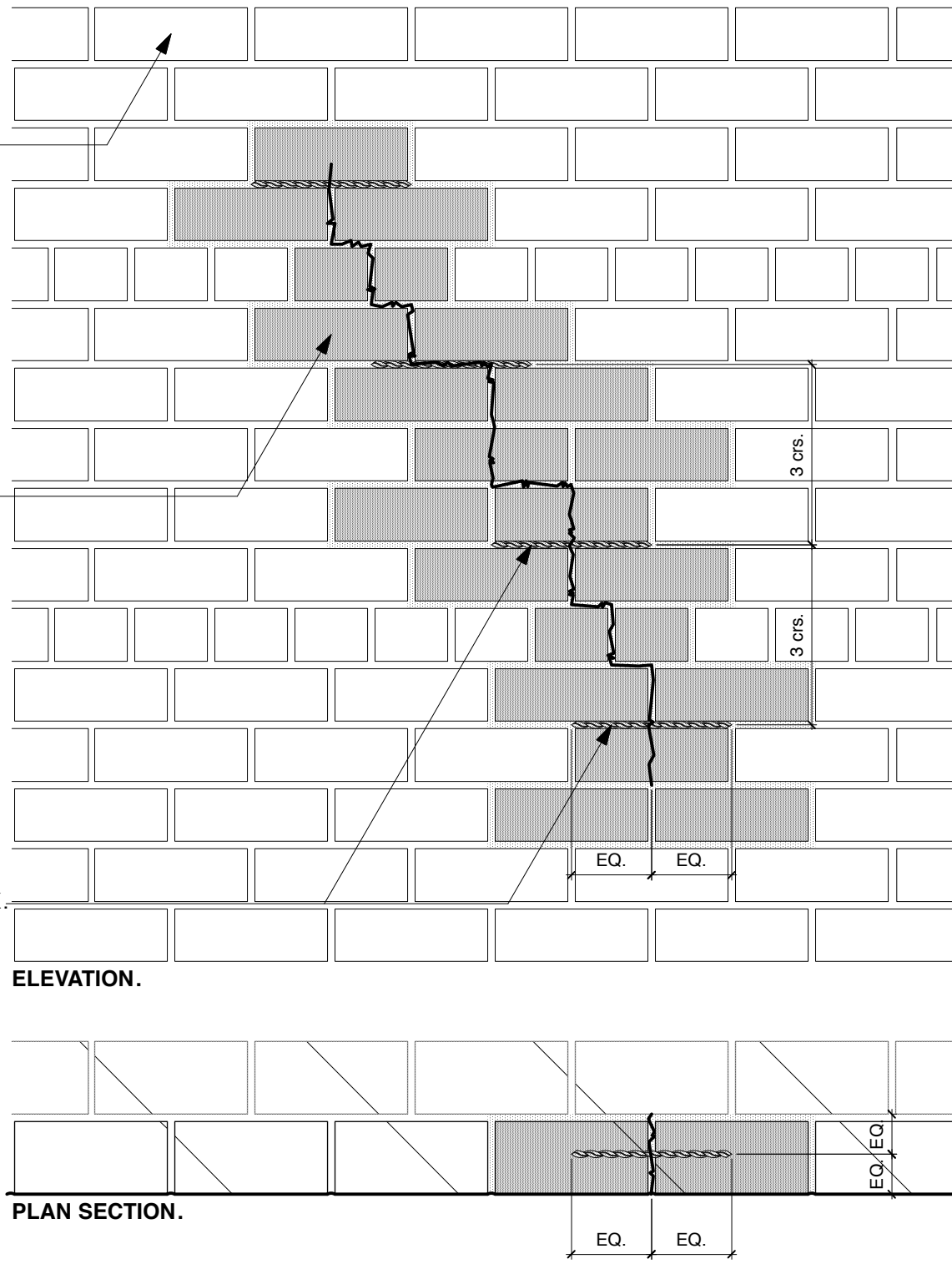
BRICK: COLOR, TEXTURE & SIZE TO MATCH EXISTING. MORTAR: refer to specifications for type. BOND: t.m.e. COURSING: t.m.e.

(N) NON-CORROSIVE HELICAL WALL TIES AT 3 CRS. MAX. VERTICALLY AND HORIZONTALLY CENTRED ON CRACK.

NB: PROVIDE BRICK & MORTAR SAMPLE IN PLACE FOR ARCHITECT'S REVIEW.

3 BRICK MASONRY CRACK REPAIR

Scale: 1 1/2" = 1'-0"



ELEVATION.

PLAN SECTION.

(E) ADJACENT MASONRY TO REMAIN. TEMPORARY PROTECTION & SHORING AS REQ'D.

REMOVE (E) MASONRY AT SPALL AS INDICATED. PARGE BACK-UP MASONRY SMOOTH. REPLACE w/ (N) BRICK MASONRY. TOOTH INTO ADJACENT MASONRY. RETAIN HEADERS IF INTACT.

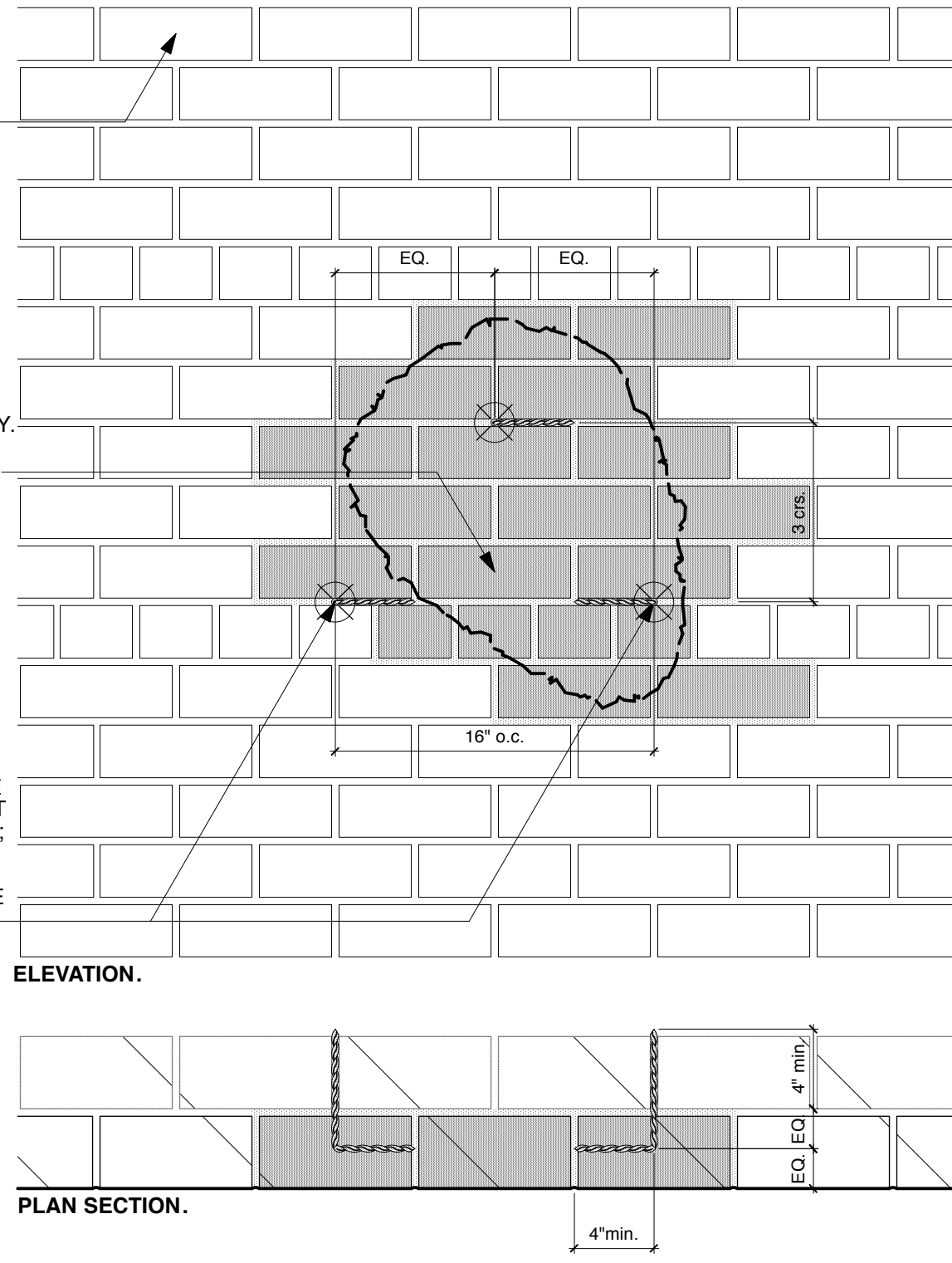
BRICK: COLOR, TEXTURE & SIZE TO MATCH EXISTING. MORTAR: refer to specifications for type. BOND: t.m.e. COURSING: t.m.e.

(N) NON-CORROSIVE HELICAL WALL TIE AT SPACING INDICATED; BEND EXPOSED PORTION OF TIE 90° TO ALIGN w/ CENTRE OF BRICK.

NB: PROVIDE BRICK & MORTAR SAMPLE IN PLACE FOR ARCHITECT'S REVIEW.

4 BRICK MASONRY SPALL REPAIR

Scale: 1 1/2" = 1'-0"



ELEVATION.

PLAN SECTION.

(E) BACKUP MASONRY TO REMAIN.

INSTALL (N) REPLACEMENT STONE; TYPE, TEXTURE, PROFILE & SIZE t.m.e. NB: PROVIDE SAMPLE OF REPLACEMENT STONE & FINISH FOR ARCHITECT'S REVIEW PRIOR TO FABRICATION.

(N) 3/8" Ø SST THREADED RODS SET IN EPOXY.

(N) STONE DUTCHMAN (PARTIAL STONE REPLACEMENT). STONE PROFILE & FINISH TO MATCH EXISTING. MATE NEW STONE TO EXISTING w/ SST PINS SET IN EPOXY.

REPOINT MORTAR JOINT b/n STONE & STONE AND/OR BRICK MASONRY 100%. (typ.)

CUT BACK EXPOSED DETERIORATED (E) ANCHOR. PAINT ALL REMAINING PORTIONS PRIOR TO DUTCHMAN INSTALLATION (typ.).

(E) STONE TO REMAIN.

6B STONE DUTCHMAN & REPLACEMENT - ELEVATION

Scale: 1 1/2" = 1'-0"

5 SEALANT DETAIL - WINDOW PERIMETER (INTERIOR & EXTERIOR)

Scale: Half Actual Size

(N) SEALANT w/ BACKER ROD at INTERIOR & EXTERIOR FRAME TO MASONRY OPENING. PROVIDE CONCAVE SURFACE.

(N) ALUM. TRIM w/ TREFOIL PATTERN. ATTACH TO THE (E) WINDOW FRAME IN A HISTORICALLY ACCURATE MANNER.

NB: PROVIDE KYNAR FINISH IN STANDARD COLOR ON BOTH SIDES (typ.).

TEMPORARILY MASK EDGE OF JOINT w/ TAPE PRIOR TO APPLICATION OF SEALANT. REMOVE TAPE AFTER SEALANT HAS BEEN APPLIED.

REMOVE (E) SST SCREEN & DISCARD.

5A WINDOW TRIM (LOWER & UPPER FLOOR)

Scale: Half Actual Size

(N) BLUESTONE TREAD w/ THERMAL FINISH; COLOR t.m.e. BLUESTONE.

REMOVE & RESET (E) PERIMETER STONE CURBS incl. END UNITS ON (N) CONC. GRADE BEAM.

(N) FLAGSTONE t.m.e.

NB: ASSUME 25% (N) REPLACEMENT UNITS DUE TO DETERIORATION OF (E) FLAGSTONES.

PACK FLAGSTONES JOINTS w/ DRY MORTAR MIX; COLOR tbd.

(N) SAND BED.
(N) GRAVEL SUBBASE.
WRAP GRAVEL BED w/ (N) GEO TEXTILE FABRIC.

COMPACTED EARTH WHEN SUBBASE IS REQ'D.

(N) REINF. CONC. GRADE BEAM.

REMOVE & RESET (E) PERIMETER STONE CURB ON (N) CONC. GRADE BEAM.

(N) PERIMETER CURB STONE t.m.e.; x1 LOCATION.

REMOVE (E) FLAGSTONES. PREP & REINSTALL IN HISTORIC RADIAL PATTERN (typ.).

PACK FLAGSTONES JOINTS w/ DRY MORTAR MIX; COLOR tbd.

(N) SAND BED.
(N) GRAVEL SUBBASE.
WRAP GRAVEL BED w/ (N) GEO TEXTILE FABRIC.

COMPACTED EARTH WHEN SUBBASE IS REQ'D.

(N) REINF. CONC. GRADE BEAM.

(N) INGROUND LIGHT FIXTURE; LUMENBEAM BY LUMENPULSE.

NB: PREPARE SUBSTRATE AS REQ'D TO ACCOMMODATE (N) LIGHT FIXTURES, ELEC LINES & SURROUNDING EARTHWORK.

(N) FLAGSTONES t.m.e.

NB: ASSUME 25% (N) REPLACEMENT UNITS.

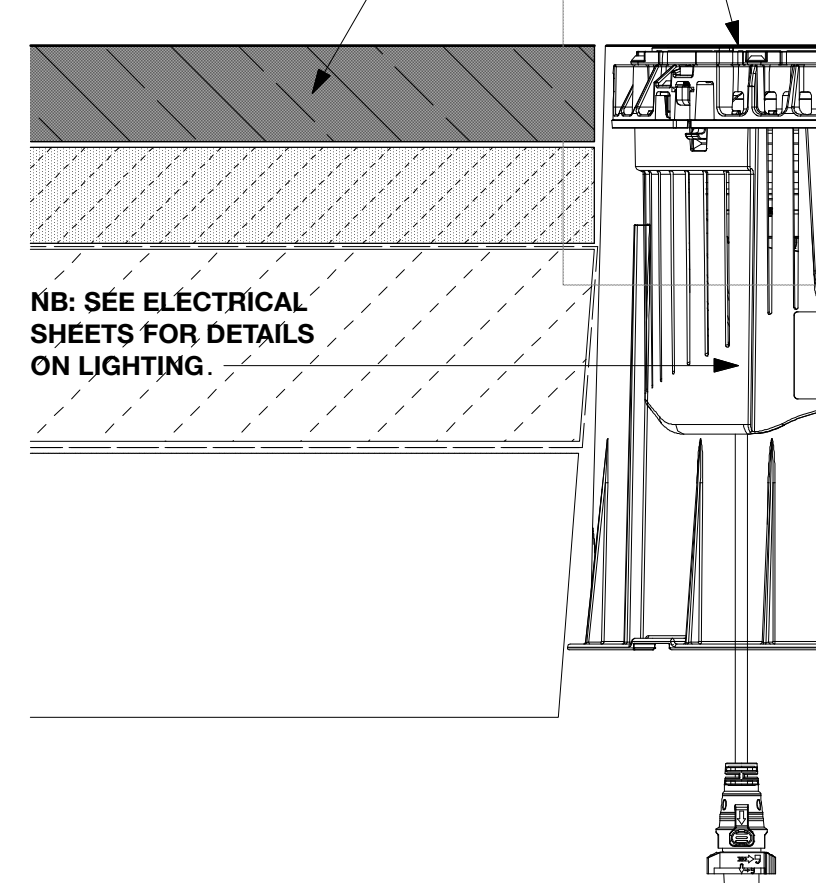
NB: SEE ELECTRICAL SHEETS FOR DETAILS ON LIGHTING.

METAL DOOR MODIFICATION & RESTORATION. SEE DRG A600 FOR EXTENT OF WORK.

(N) BLUESTONE TREAD w/ THERMAL FINISH; PIN TO SUBSTRATE w/ TWO (2) SST SPRING LOADED DOWELS, min. 8" FROM EA. END.

(N) FLAGSTONES t.m.e.

NB: SEE DRG A100 FOR EXTENT OF WORK.

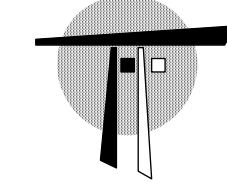
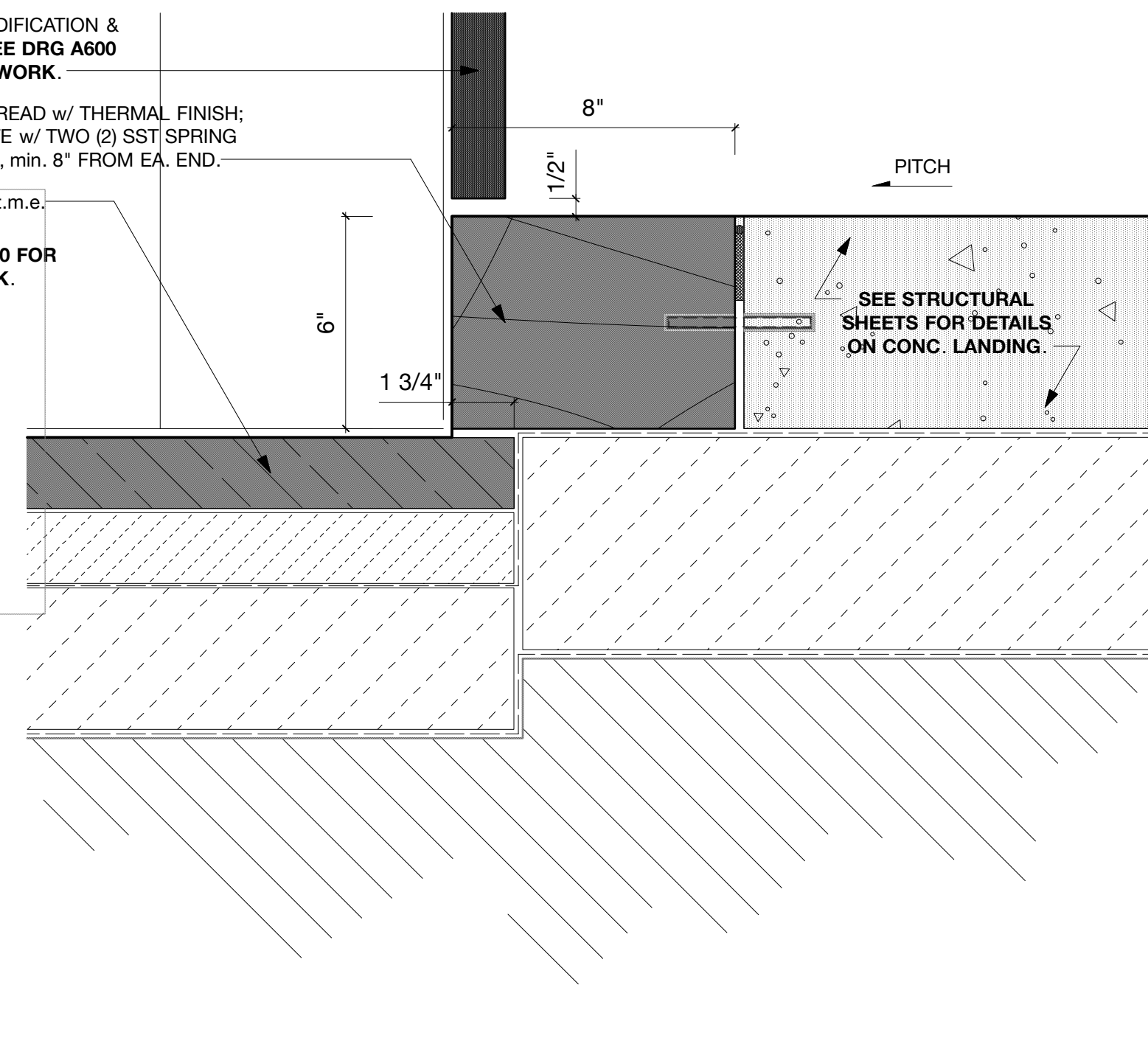


9 INGROUND LIGHT FIXTURE

Scale: 3" = 1'-0"

10 STONE TREAD - ENTRANCE

Scale: 3" = 1'-0"



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REVISION:

- △ 50% CD set: 12/20/19.
- △ 90% CD set: 02/24/20.
- △ 90% CD set: 04/20/20.
- △ 100% CD set: 07/06/20.
- △ BID ISSUE: 07/22/20.
- △ DOB ISSUE: 01/20/21.
- △ Amended Detail 6B.

**RENWICK LIGHTHOUSE, Lighthouse Park,
RESTORATION, MODIFICATIONS
& SITE IMPROVEMENTS**

TITLE:

DETAILS

DATE: 4/23/18 PROJECT #: 44701

SCALE: AS NOTED DRAWN BY: SH

SHEET NUMBER:

A-500.00

PAGE NUMBER: 10 of 12

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