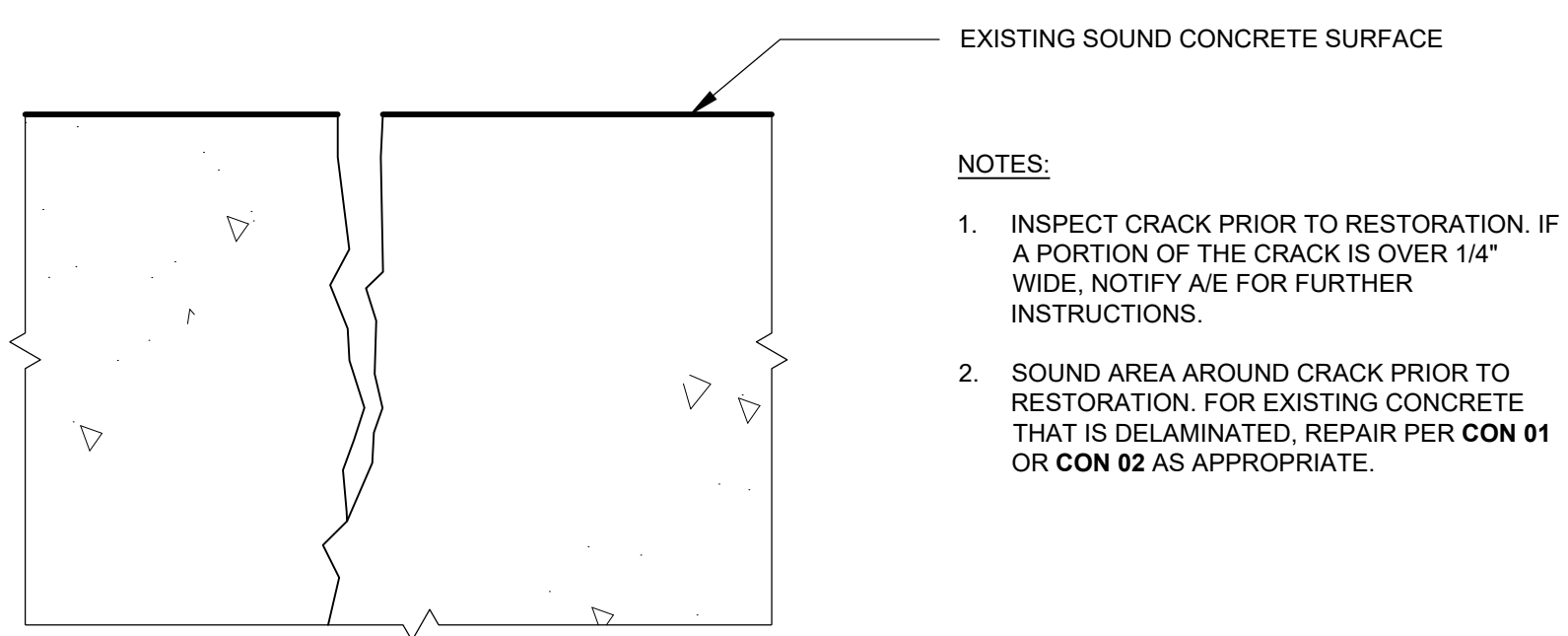


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PROGRAM UNIT:
 PROJECT MANAGEMENT TEAM 1

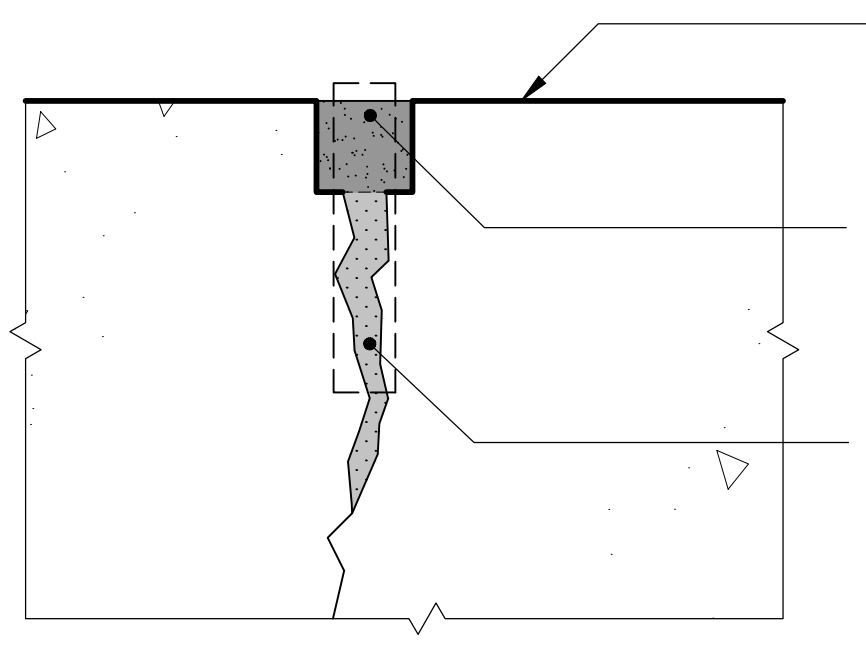


EXISTING SOUND CONCRETE SURFACE

NOTES:

1. INSPECT CRACK PRIOR TO RESTORATION. IF A PORTION OF THE CRACK IS OVER 1/4" WIDE, NOTIFY A/E FOR FURTHER INSTRUCTIONS.
2. SOUND AREA AROUND CRACK PRIOR TO RESTORATION. FOR EXISTING CONCRETE THAT IS DELAMINATED, REPAIR PER CON 01 OR CON 02 AS APPROPRIATE.

SECTION 1
STEP 1: CRACK REVIEW AND SOUNDING

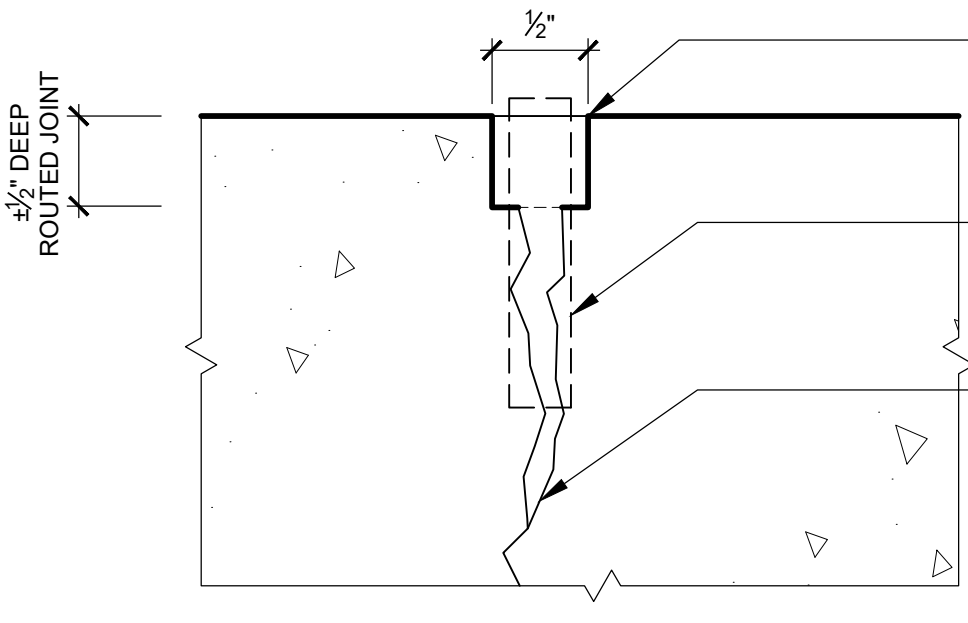


PROTECT CONCRETE FROM REPAIR MORTAR AND INJECTION ADHESIVE. DO NOT FEATHER REPAIR MORTAR

030100 STRUCTURAL CONCRETE REPAIR MORTAR (TROWELED) IN ROUTED AREA, FLUSH WITH CONCRETE SURFACE, AND APPLY CURING AGENT

030100 AFTER REPAIR MORTAR HAS CURED, INSTALL INJECTION EPOXY ADHESIVE FOR CRACKS UP TO 1/4"

SECTION 1
STEP 3: PATCHING AND INJECTION

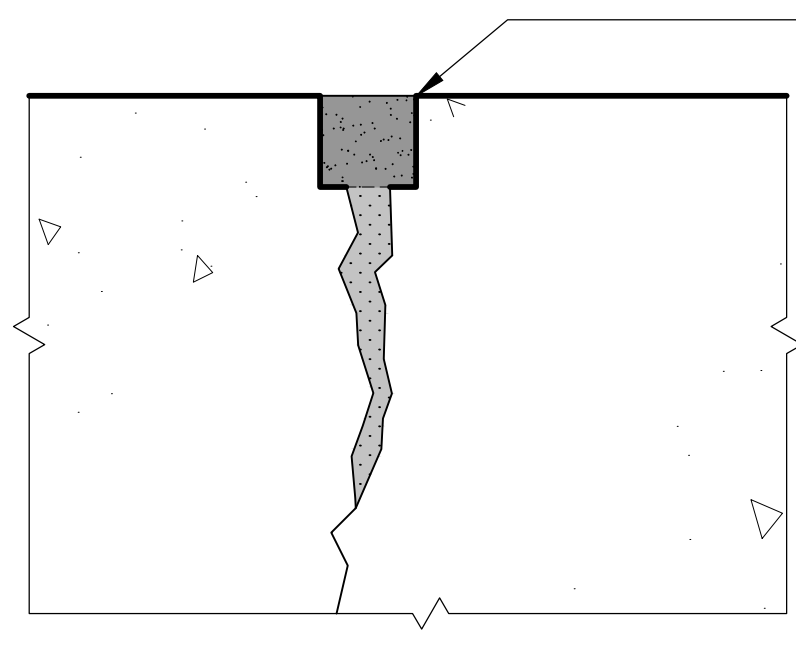


ROUT CRACK SURFACE TO THE WIDTH AND DEPTH ILLUSTRATED. ROUTED JOINT SHALL BE CENTERED ON EXISTING CRACK.

030100 INJECTION PORT DRILL INTO CRACK AT 6" O.C.

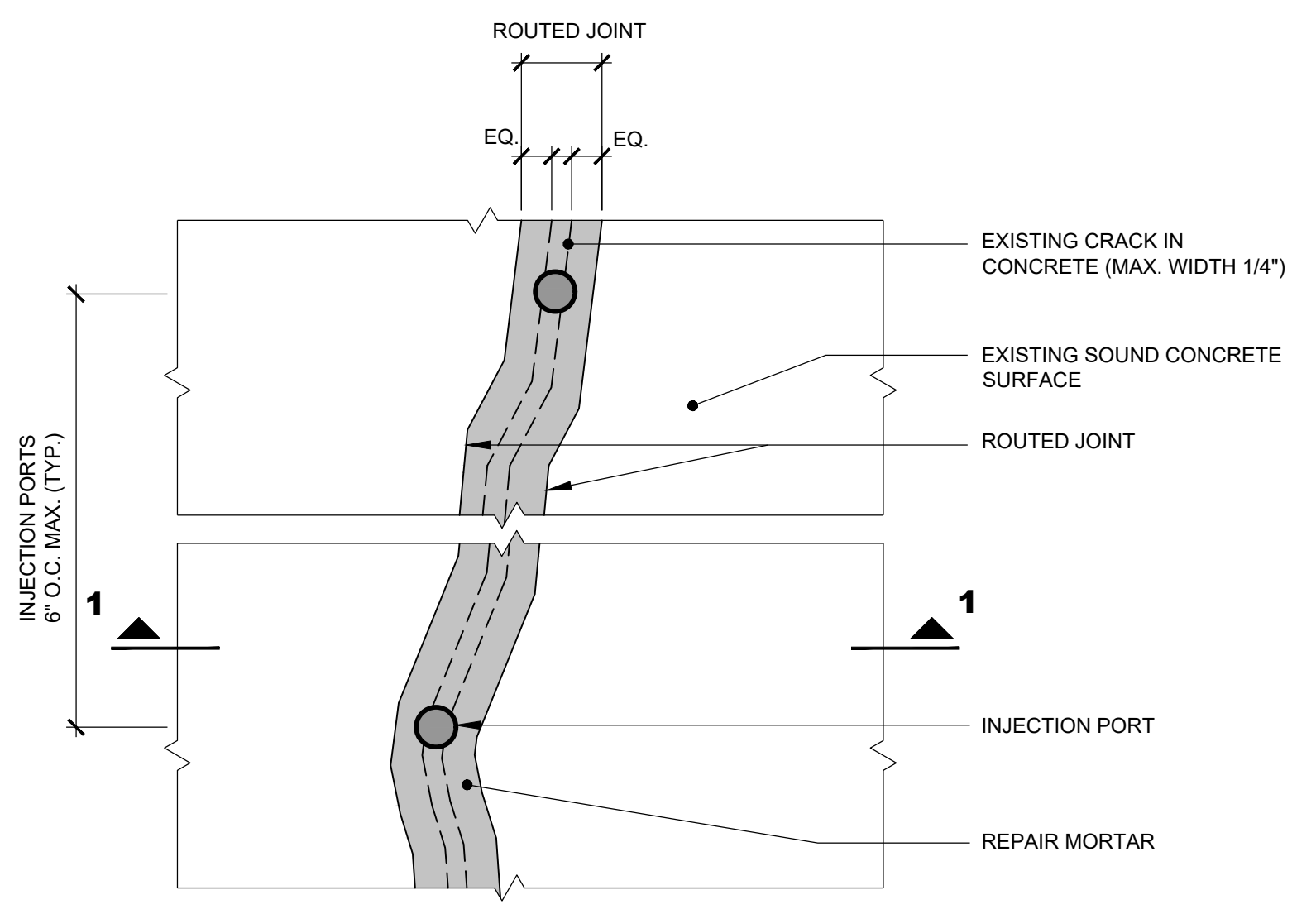
PREPARE CRACK PER INJECTION ADHESIVE MANUFACTURER'S RECOMMENDATIONS

SECTION 1
STEP 2: ROUTING AND INJECTION PORTS



REMOVE PORTS AND TOUCH UP RESULTING HOLES WITH REPAIR MORTAR.

SECTION 1
STEP 4: REMOVE PORTS AND TOUCH UP



REFERENCE ELEVATION/ PLAN (STEPS 1 - 3 COMPOSITE)

NTS

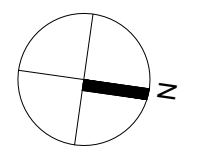
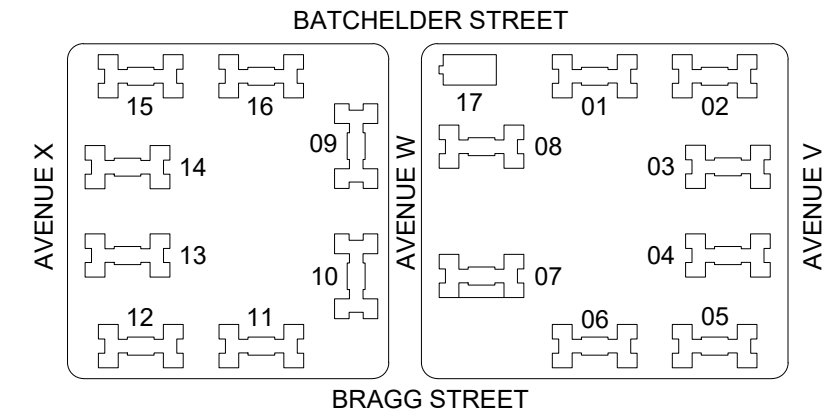
Date: Revision:

Date: Submissions:
 01/20/20 50% Submission
 04/09/20 90% Submission

NEW YORK CITY HOUSING AUTHORITY
DESIGN DEPARTMENT
 24-02 49th Avenue, Long Island City, NY 11101
 Tel 212 306-3000 Fax (call)

Development: Nostrand
 Bldg. Addresses: See T-001

Building No: See T-001
 Borough of: Brooklyn



Key/ Location plan

Zoning Map: 29a Zone: R5
 Block No.: See T-001 Lot No.: 01
 Development No.: NY005268C E.D.P. No.: 585

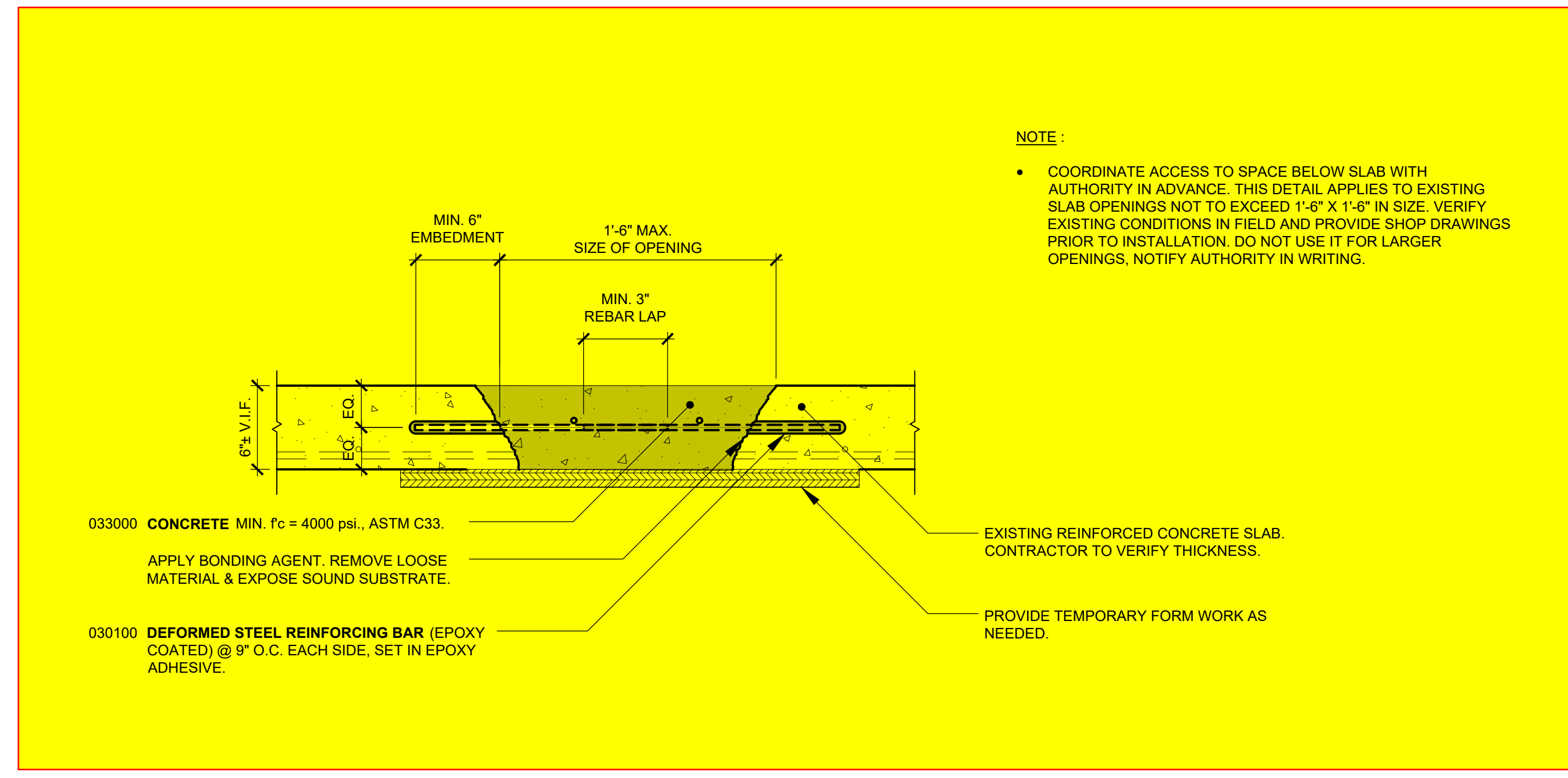
Contract Title:
ROOFING REPLACEMENT AND ROOFTOP STRUCTURE RENOVATION

Contract No.:
RF1914379

Drawing Title: Restoration Details:
 CON 04, CON 05

Seal / Signature:	Issue Date: 04/09/20
	Scale: AS NOTED
	Drawn By: JL/LM
	Checked By: AO/NS
	Drawing No.: A-50400 Sheet 42 of 65

CON 04 CONCRETE CRACK RESTORATION (LF)



NOTE:

- COORDINATE ACCESS TO SPACE BELOW SLAB WITH AUTHORITY IN ADVANCE. THIS DETAIL APPLIES TO EXISTING SLAB OPENINGS NOT TO EXCEED 1'-6" X 1'-6" IN SIZE. VERIFY EXISTING CONDITIONS IN FIELD AND PROVIDE SHOP DRAWINGS PRIOR TO INSTALLATION. DO NOT USE IT FOR LARGER OPENINGS, NOTIFY AUTHORITY IN WRITING.

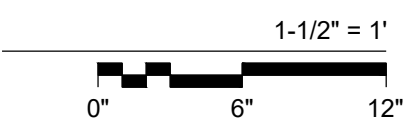
033000 CONCRETE MIN. $f_c = 4000$ psi., ASTM C33.

APPLY BONDING AGENT. REMOVE LOOSE MATERIAL & EXPOSE SOUND SUBSTRATE.

030100 DEFORMED STEEL REINFORCING BAR (EPOXY COATED) @ 9" O.C. EACH SIDE, SET IN EPOXY ADHESIVE.

EXISTING REINFORCED CONCRETE SLAB. CONTRACTOR TO VERIFY THICKNESS.

PROVIDE TEMPORARY FORM WORK AS NEEDED.



CON 05 CONCRETE SLAB OPENING REPAIR: FULL DEPTH (SF)

DOB BSCAN STICKER