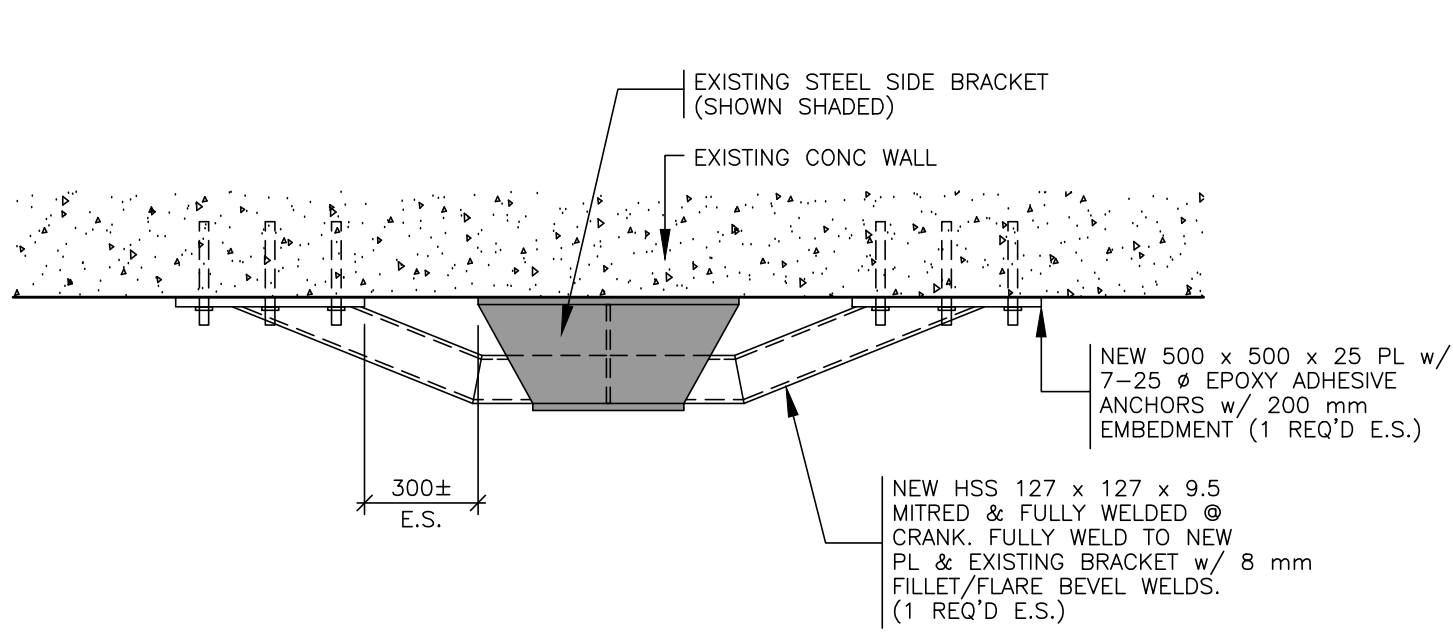
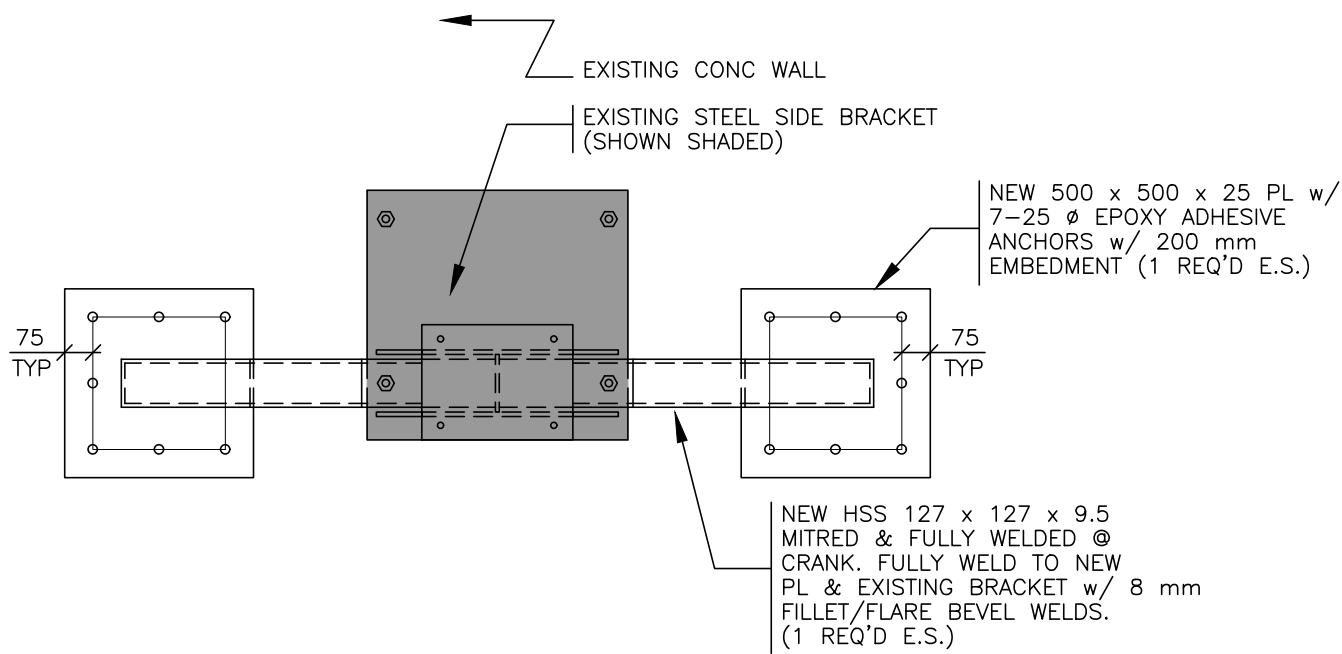




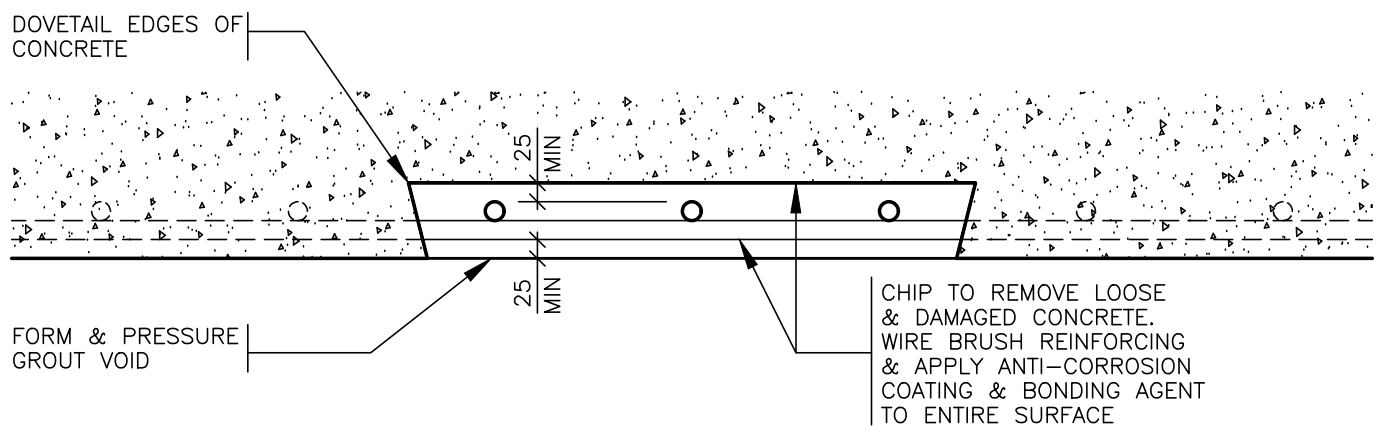
PHOTO 1—SIDE BRACKET BR-1 TO BE REPAIRED



PLAN DETAIL OF PHOTO 1
SIDE BRACKET BR-1 TO BE REPAIRED



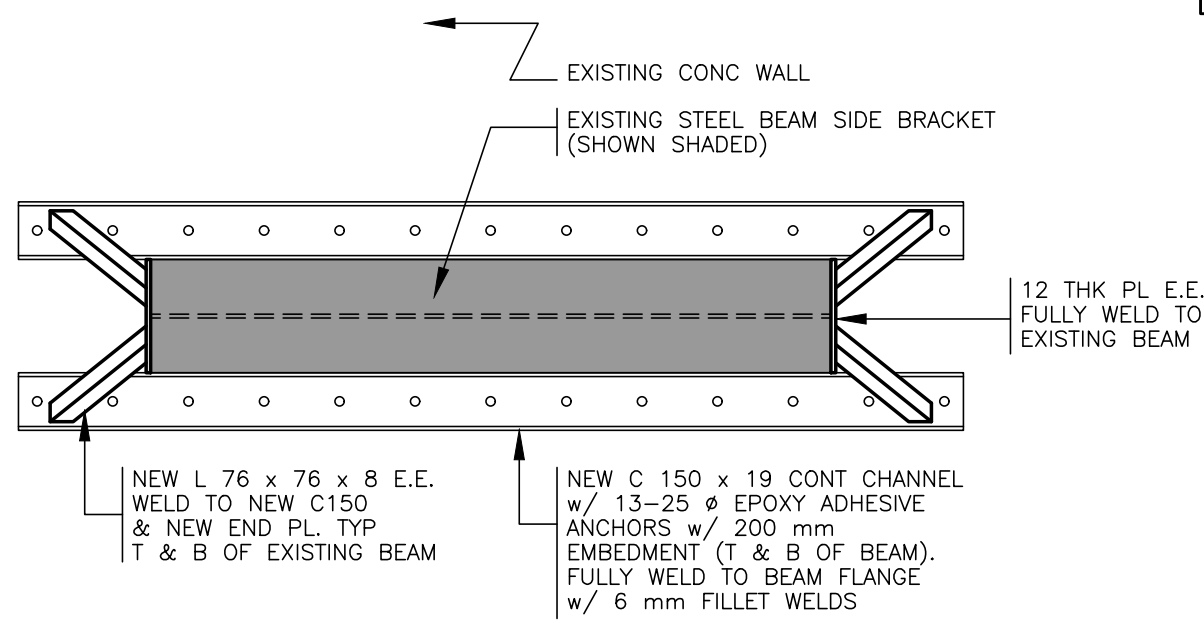
FRONT ELEVATION OF PHOTO 1
SIDE BRACKET BR-1 TO BE REPAIRED



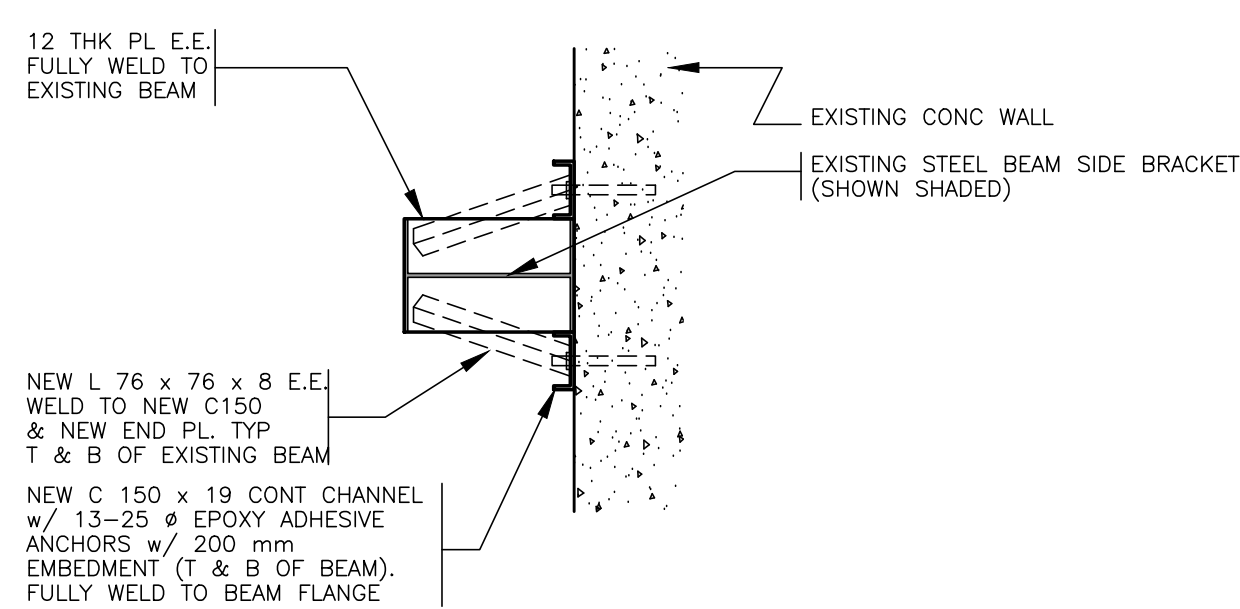
TYPICAL DETAIL OF PHOTO 3
CONCRETE REPAIR TO U/S OF SLAB/BEAM



PHOTO 2—BEAM SIDE BRACKET BR-2 TO BE REPAIRED



FRONT ELEVATION OF PHOTO 2
BEAM SIDE BRACKET BR-2 TO BE REPAIRED



SECTION OF PHOTO 2
BEAM SIDE BRACKET BR-2 TO BE REPAIRED

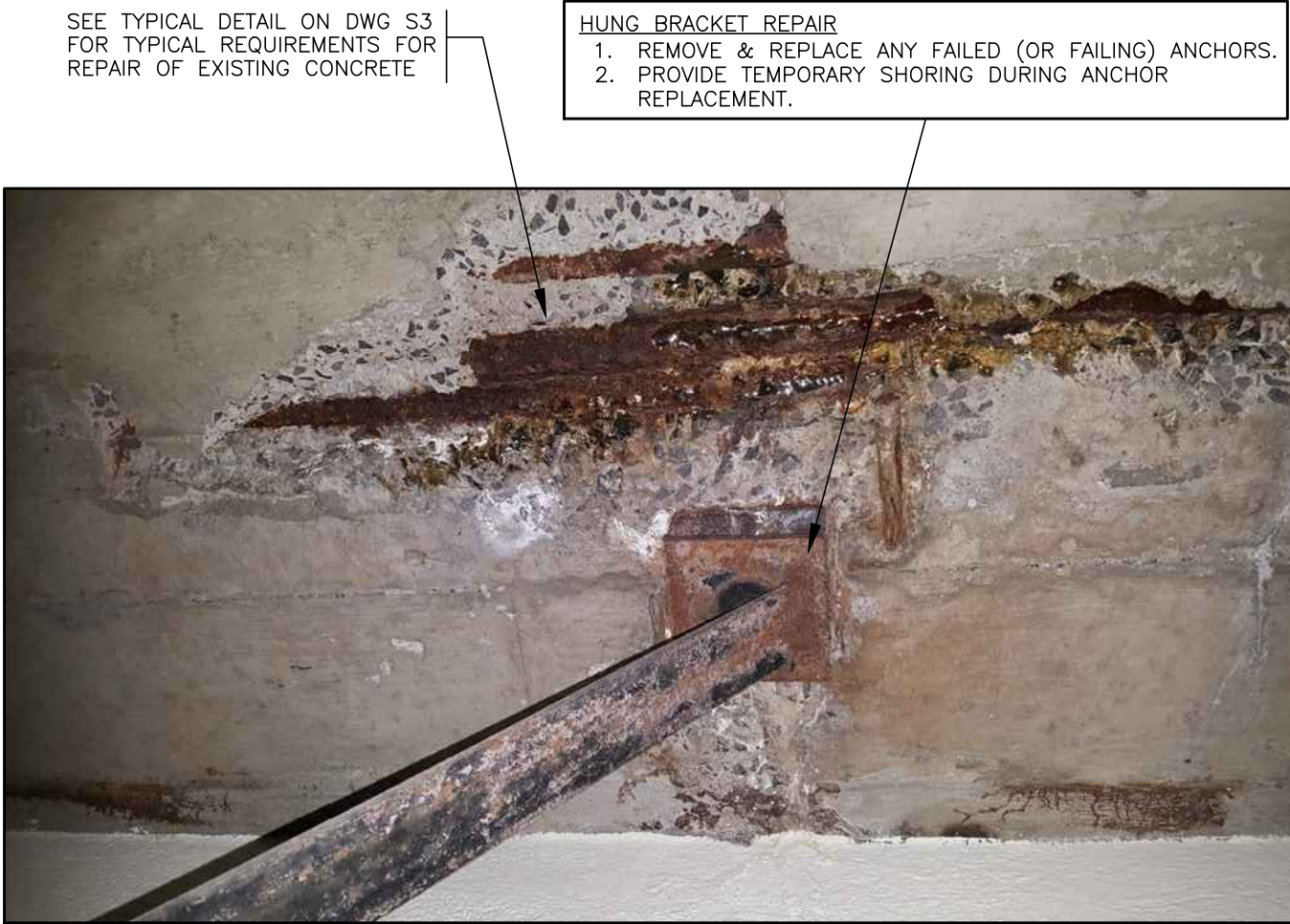
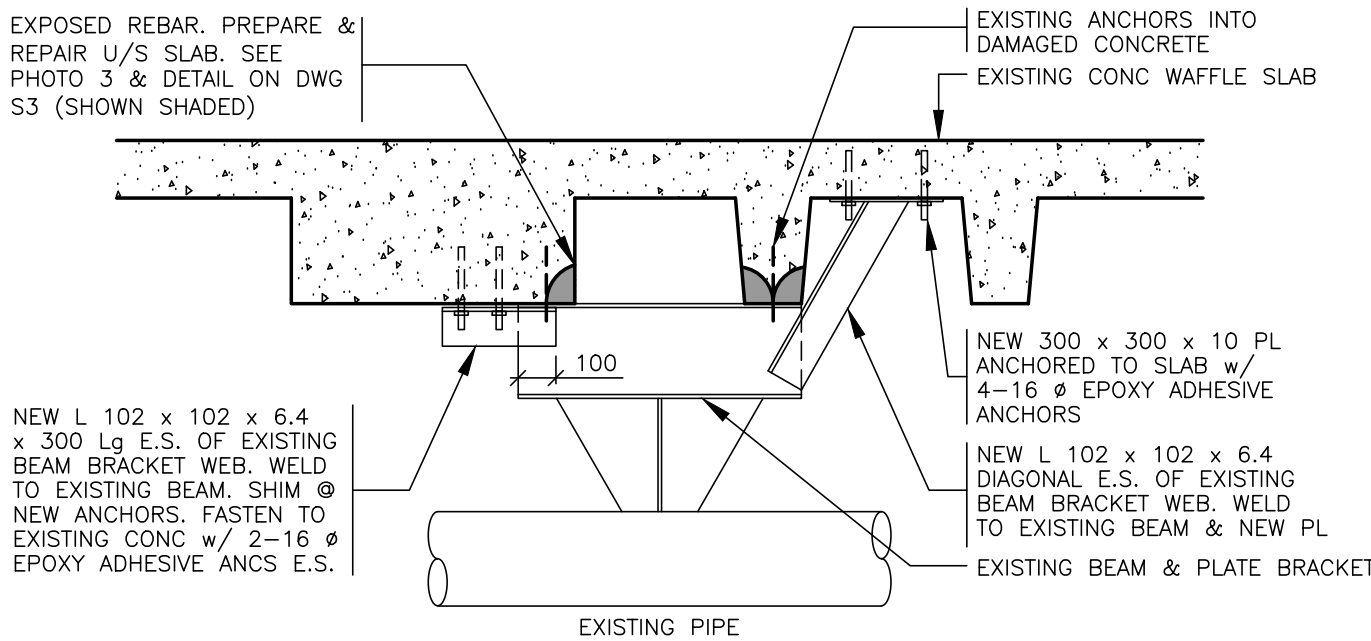
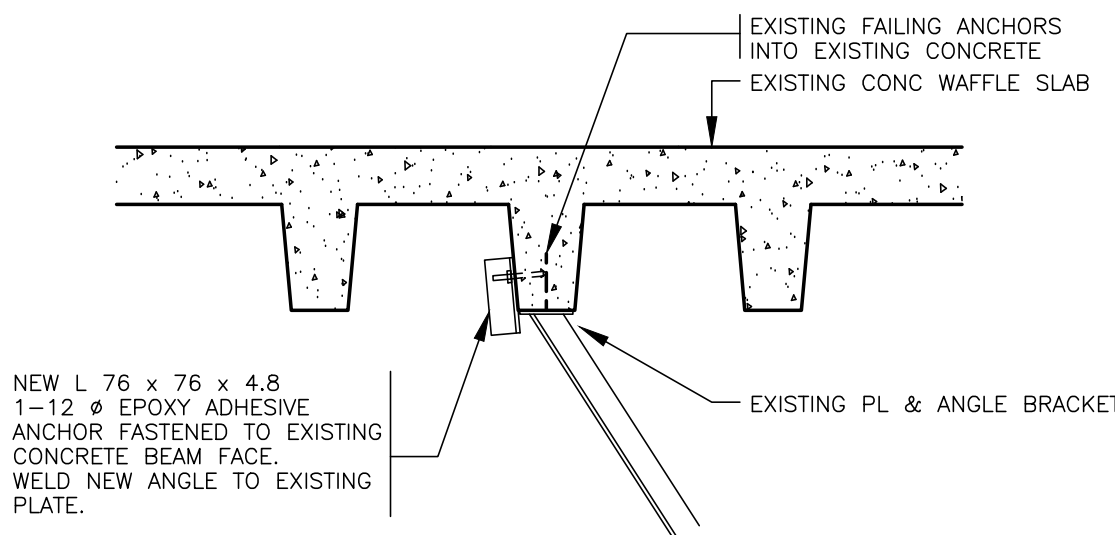


PHOTO 3—EXAMPLE OF CONCRETE TO BE REPAIRED
PHOTO 3—EXAMPLE OF HUNG BRACKET TO BE REPAIRED



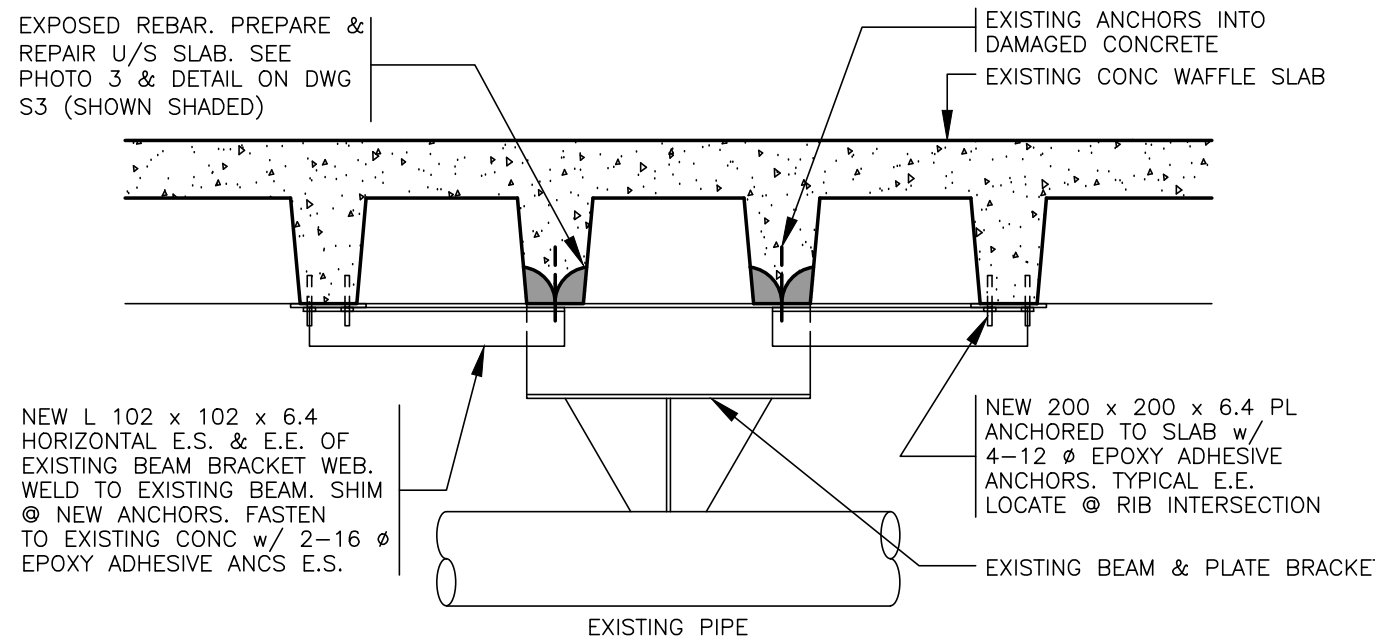
SIDE ELEVATION OF BEAM
BRACKET BR-3 TO BE REPAIRED



SIDE ELEVATION OF BEAM
BRACKET BR-4 TO BE REPAIRED



PHOTO 4—EXAMPLE OF CORROSION TO BE REPAIRED
(52 REPAIR LOCATIONS REQ'D)



SIDE ELEVATION OF BEAM
BRACKET BR-5 TO BE REPAIRED

TEMPORARY SHORING (FOR DEMOLITION AND/OR CONSTRUCTION)
TEMPORARY SHORING FOR THE PURPOSES OF DEMOLITION AND/OR CONSTRUCTION IS TO BE DESIGNED & DETAILED BY A PROFESSIONAL ENGINEER LICENSED IN ONTARIO. SHOP DRAWINGS ARE TO BE SUBMITTED TO THE DEPARTMENTAL REPRESENTATIVE FOR REVIEW. SHOP DRAWINGS ARE TO BE STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO. PERMIT REVIEW OF TEMPORARY SHORING BY DEPARTMENTAL REPRESENTATIVE PRIOR TO COMMENCEMENT OF CONSTRUCTION AND/OR DEMOLITION AND ALSO PRIOR TO REMOVAL OF TEMPORARY SHORING.

NOTE:
INSPECTION REPORTS CREATED AS A RESULT OF THE ABOVE NOTED WORK MUST BE SUBMITTED TO THE DEPARTMENTAL REPRESENTATIVE.

GENERAL NOTES

- ANY DEVIATION FROM THE CONDITIONS SHOWN ON THESE DRAWINGS MUST BE REPORTED TO THE DEPARTMENTAL REPRESENTATIVE.
- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF PART 4 OF THE O.B.C. (2012 EDITION) ONTARIO REGULATION 332/12 (AS AMENDED)
- ANY MODIFICATIONS TO EXISTING STRUCTURES ARE TO BE LIMITED TO WORK NOTED ON THESE DRAWINGS. ANY ADDITIONAL OR PROPOSED MODIFICATIONS TO EXISTING STRUCTURES MUST BE APPROVED BY DEPARTMENTAL REPRESENTATIVE
- MATERIALS
 - HOLLOW STRUCTURAL STEEL SECTIONS TO BE ASTM A500 GRADE C OR C40.21 350W CLASS C.
 - ALL OTHER STRUCTURAL STEEL TO BE GRADE C40.21 300W WITH Fy= 300 MPa UNLESS NOTED OTHERWISE.
 - ALL STRUCTURAL STEEL TO RECEIVE 1 SHOP APPLIED COAT OF PRIMER UNLESS NOTED.
 - BOLTS TO BE A325.

EXISTING PIPE SUPPORT ANCHOR FORCES TABLE				
PIPE TYPE	ANCHOR #	FORCE BY AXIS		
		X AXIS	Y AXIS	
STEAM	1	212 kN	2.1 kN	
	2	335 kN	39.2 kN	
CONDENSATE	1	27.3 kN	3.3 kN	
	2	1.0 kN	2.2 kN	
	3	18.4 kN	11.9 kN	

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des biens immobiliers

LEGEND

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2017-08-09 TENDER SUBMISSION REV 1

2017-07-26 TENDER SUBMISSION

2017-06-28 100% REVIEW SUBMISSION

2017-06-01 99% REVIEW SUBMISSION

Date Revision



project projet

NAC
STEAM/CONDENSATE
H.P. DRIP REPAIR

drawing dessin

NOTES & DETAILS
PIPE SUPPORT &
CONCRETE REPAIRS

Drawn By: RW

Date 2017-08-09

Reviewed By: DH

Date 2017-08-09

Project no. No. du projet
R.090544

Drawing no. No. du dessin

S3