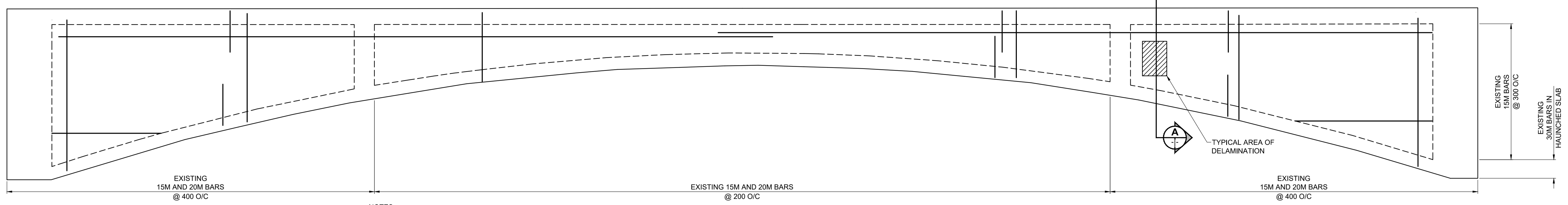


A1 SIZE 594mm x 841mm
 X:\P\2024\24012200-MN-NRWD_CONC1.dwg
 Plotted: 5/9/2024 9:55 AM by AHeppner
 Last Saved: 4/26/2024 5:20 PM by AHeppner
 5/9/2024 9:55:06 AM



- NOTES:**
- PARTIAL REINFORCEMENT IS SHOWN FOR CLARITY.
 - DECK AND BARRIER NOT SHOWN FOR CLARITY.

TYPICAL EXTERNAL SPANDREL WALL REINFORCING ELEVATION
SCALE: 1:50



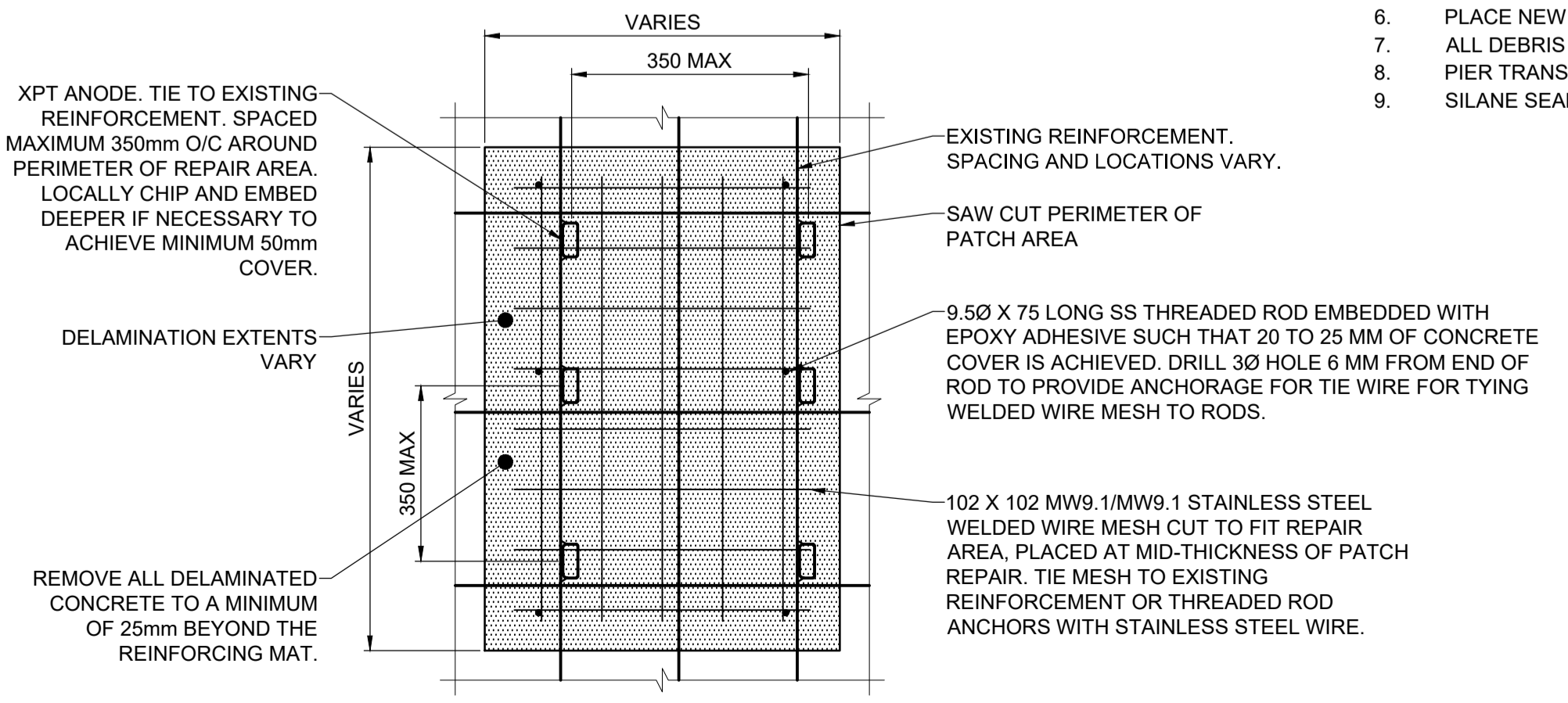
TYPICAL DELAMINATION ON NORTHBOUND BRIDGE SPANDREL WALL

GENERAL NOTES:

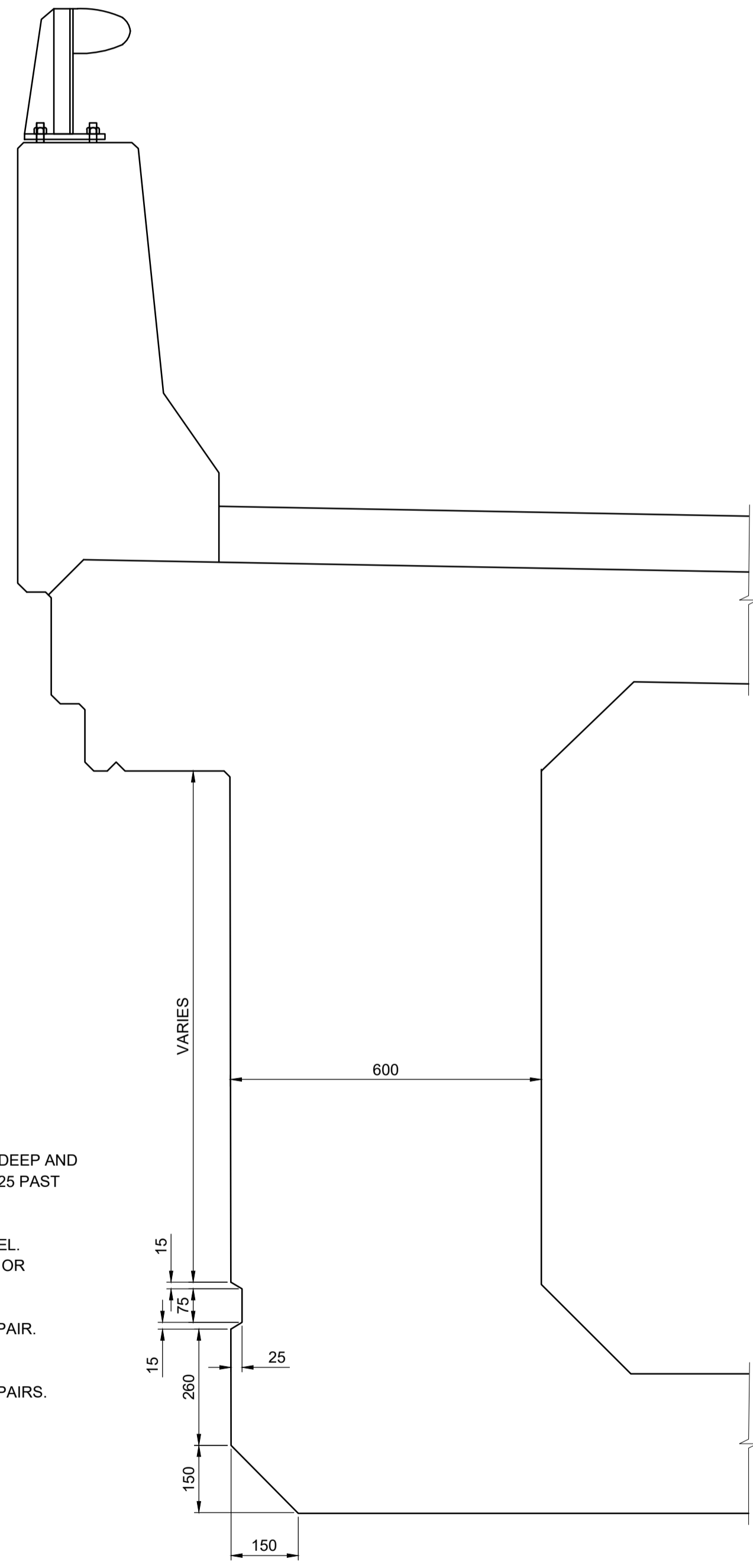
- SAW CUT PERIPHERY OF REPAIR AREA TO 25 DEEP AND REMOVE DELAMINATED CONCRETE MINIMUM 25 PAST EXISTING REINFORCEMENT.
- DRILL HOLES AND INSTALL THREADED RODS.
- SANDBLAST ALL EXPOSED REINFORCING STEEL.
- TIE REINFORCING MESH TO THREADED RODS OR EXPOSED STEEL.
- INSTALL XPT ANODES.
- PLACE NEW GROUT TO COMPLETE PATCH REPAIR.
- ALL DEBRIS TO BE CONTAINED.
- PIER TRANSFER BEAM REPAIRS SIMILAR.
- SILANE SEALER TO BE APPLIED TO PATCH REPAIRS.

LEGEND

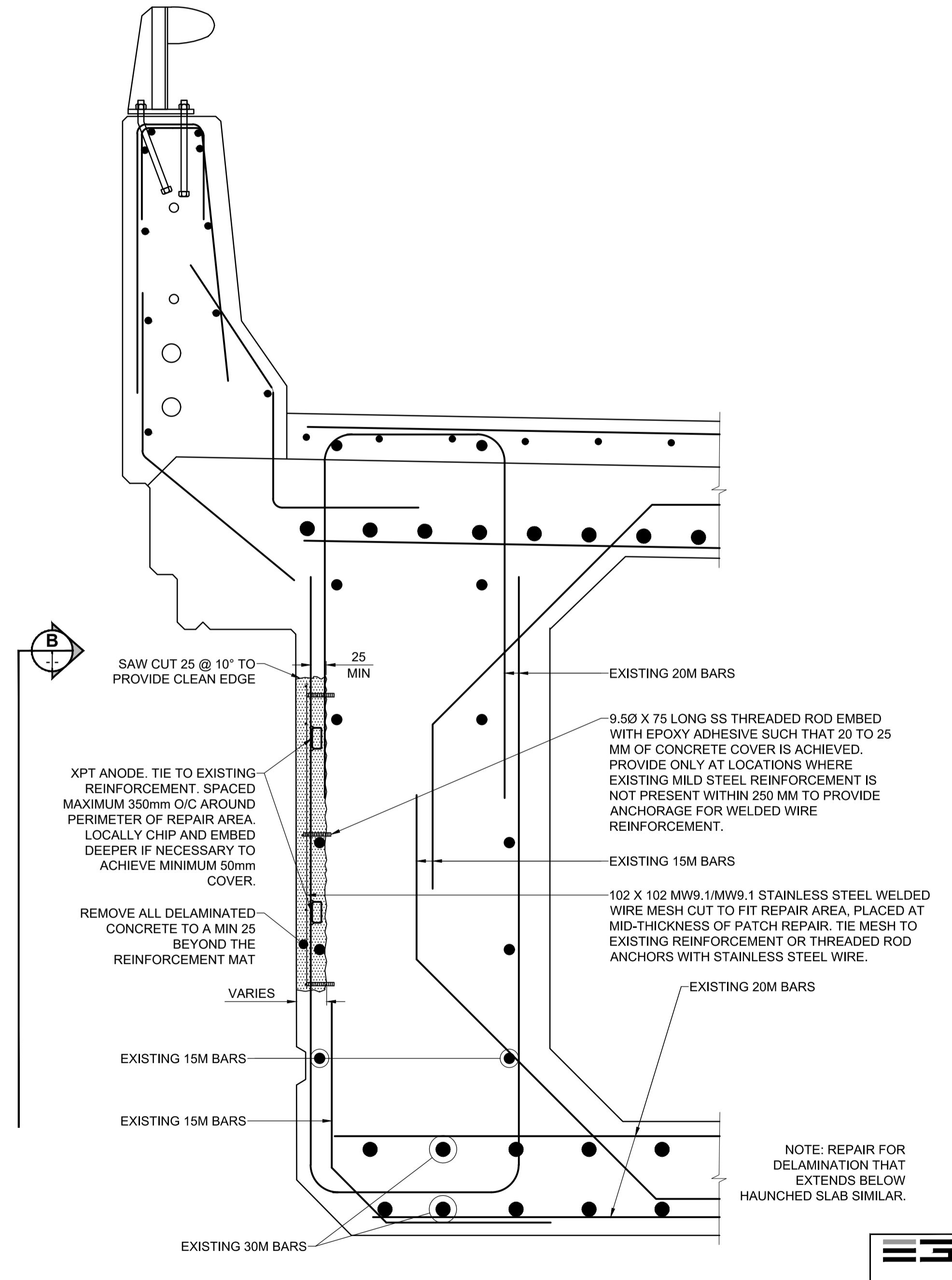
	CONCRETE REMOVALS
	CONCRETE REPAIR



ELEVATION - TYPICAL EXTERNAL WALL REPAIR
SCALE: 1:10



SECTION - TYPICAL EXTERNAL WALL SECTION
SCALE: 1:10



SECTION - TYPICAL EXTERNAL WALL REPAIR
SCALE: 1:10

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE	DATE
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	

BM ELEV	
0	ISSUED FOR TENDER
	24/05/09
	AGG
	BY
	DATE
	May 09, 2024

DESIGNED BY	AGG	CHECKED BY	BE
DRAWN BY	AH	APPROVED BY	BE
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT SCALE	AS SHOWN		

PROFESSIONAL'S SEAL	
CONSULTANT FILE NAME	24012200_MN-NRWD_CONC1.dwg

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

2024 BRIDGE MAINTENANCE MAIN STREET AND NORWOOD BRIDGES

NORWOOD BRIDGE NORTHBOUND GIRDER CONCRETE REPAIR DETAILS

CITY DRAWING NUMBER: B-103-24-06
SHEET 06 OF 23
DRAWING NUMBER: 06

TENDER No. 291-2024

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization MORRISON HERSHFIELD No. 1736