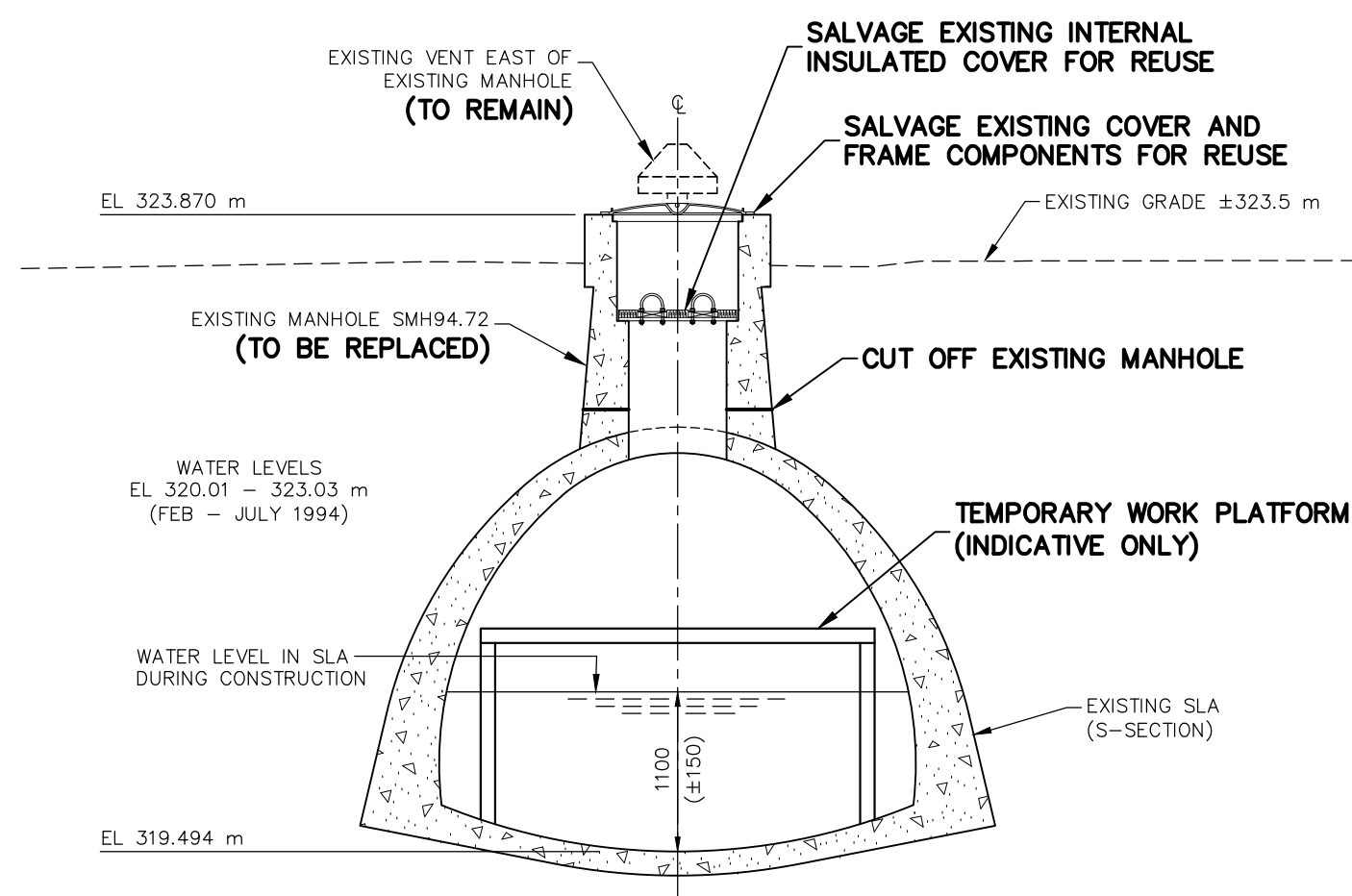


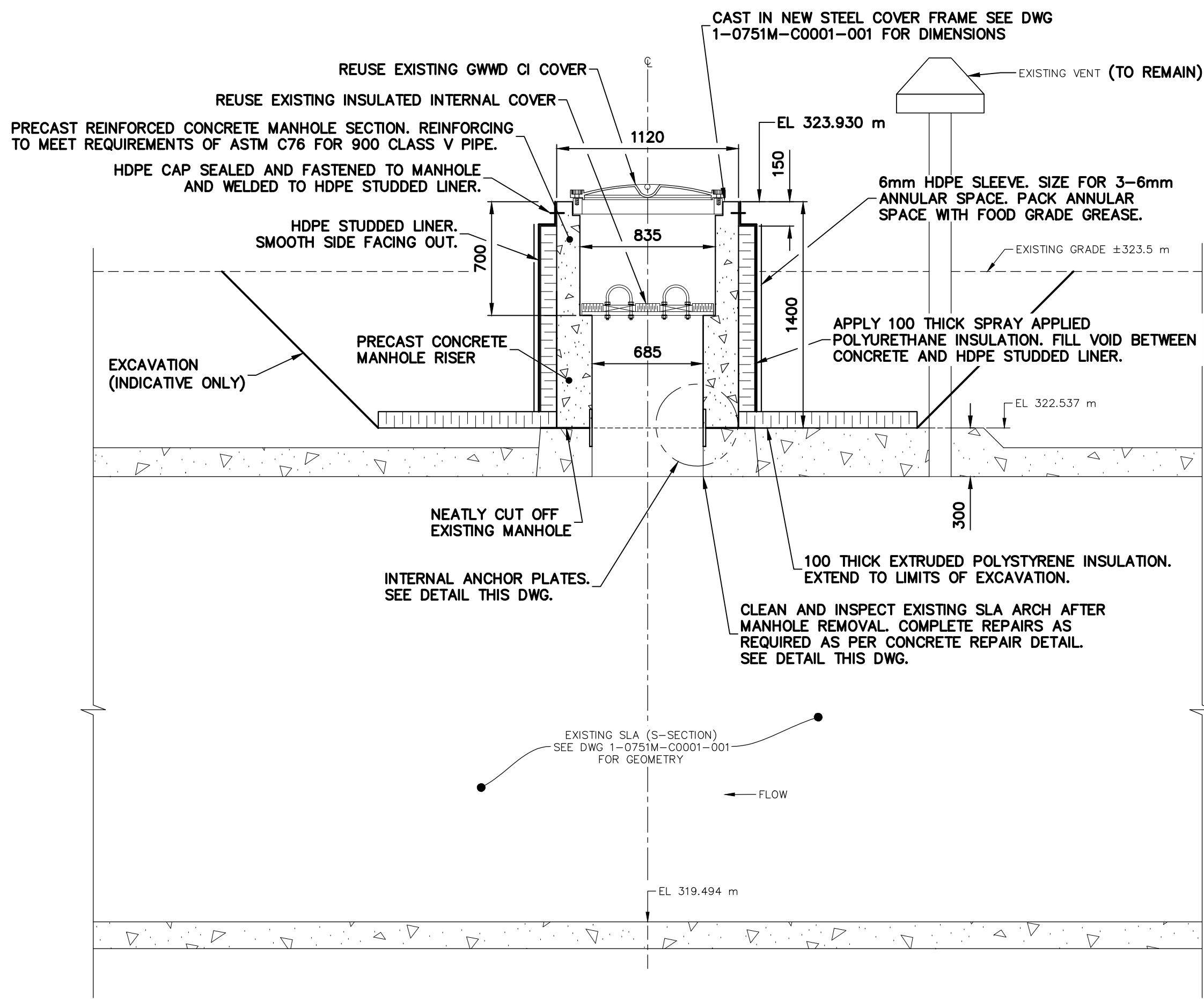
PLAN - MILE 94.72

SCALE: 1:250



SECTION - MILE 94.72 - EXISTING CONDITIONS

SCALE: 1:50

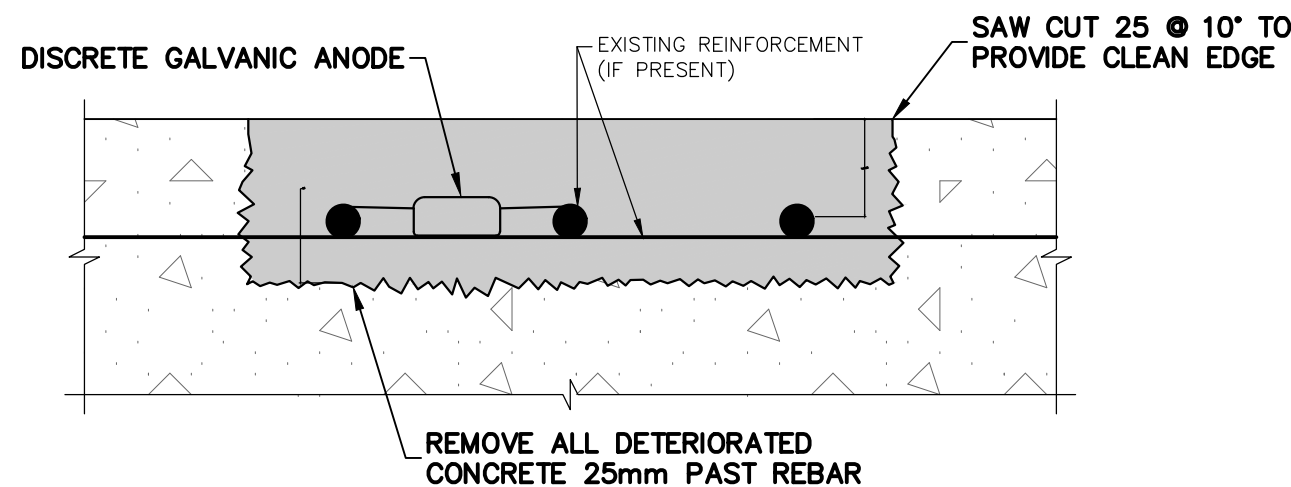


SECTION - MILE 94.72 - MANHOLE REPAIRS

SCALE: 1:25

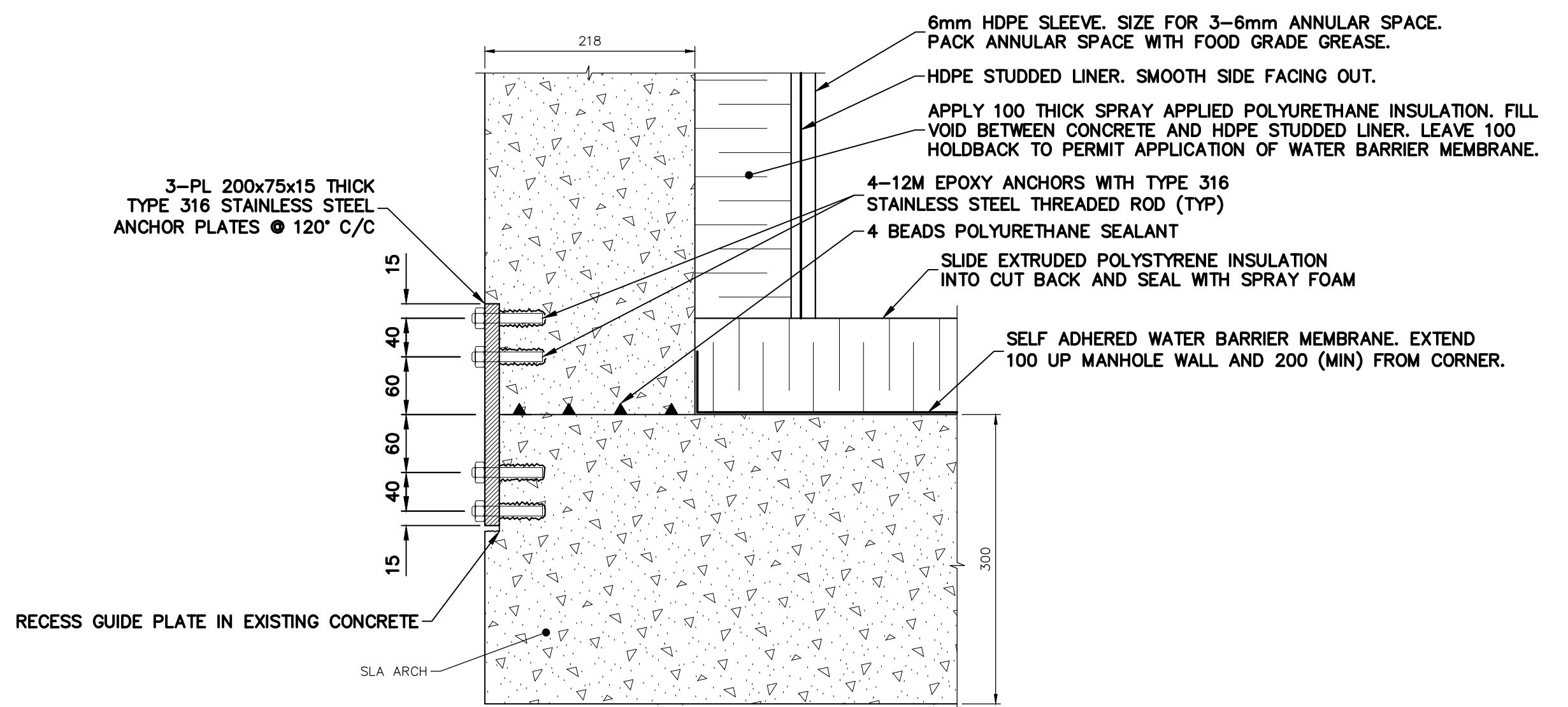
CONCRETE REPAIR PROCEDURE (DELAMINATION EXTENDS TO REBAR):

1. SAWCUT PERIPHERY OF REPAIR AREA TO 25 DEEP.
2. REMOVE ALL DETERIORATED CONCRETE 25mm PAST REBAR (IF PRESENT).
3. SANDBLAST ALL EXPOSED REINFORCING STEEL AND FIELD APPLY EPOXY COATING TOUCH UPS WHERE REQUIRED.
4. INSTALL DISCRETE GALVANIC ANODE.
5. PLACE NEW CONCRETE TO COMPLETE PATCH REPAIR.



TYPICAL CONCRETE REPAIR

SCALE: 1:5



MANHOLE TO SLA CONNECTION DETAIL

SCALE: 1:5

FOR INDEX SEE DWG
1-0751A-D0009-001

NOTES:

SEQUENCE OF WORK:

1. CONSTRUCT PERMANENT AND TEMPORARY ACCESS PADS.
2. INSTALL BRACING IN SLA, SEE DWG 1-0751M-C0002-001. REMOVE BRACING AFTER INSTALLATION OF WATER MANAGEMENT SYSTEM.
3. COMPLETE SHORING AND EXCAVATIONS.
4. INSTALL TEMPORARY WORK PLATFORM IN CONJUNCTION WITH INFLATABLE DAM WORK. SEE DWG 1-0751M-C0004-001.
5. COMPLETE MANHOLE WORKS.
6. REMOVE TEMPORARY WORK PLATFORM IN CONJUNCTION WITH INFLATABLE DAM WORKS. SEE DWG 1-0751M-C0004-001.
7. REMOVE TEMPORARY ACCESS PAD.

CONSTRUCTION NOTES:




- GRAVEL PAD CONSTRUCTION:
 - STRIP VEGETATION
 - EXCAVATE TO MIN 600mm PAD DEPTH. EXISTING GRAVEL PAD TO REMAIN.
 - PLACE NON-WOVEN GEOTEXTILE.
 - PLACE 100mm GRANULAR MATERIAL AND TRACK PACK.
- EXCAVATIONS AND SHORING AROUND THE SLA TO BE COMPLETED IN ACCORDANCE WITH SPECIFICATIONS AND WATER MANAGEMENT PLAN.
- REFER TO DRAWING 1-0751M-C0002-001 FOR INTERNAL BRACING REQUIREMENTS.
- REFER TO DRAWING 1-0751M-C0004-001 FOR INFLATABLE DAM AND UPPER REACHES WATER LEVEL REQUIREMENTS.

RESTORATION NOTES:

- RESTORE GRADING AROUND MANHOLE TO EXISTING GRADES EXCEPT WHERE NOTED.
- CLEAN UP SITE AND GRADE GRAVEL PAD TO GRADES SHOWN.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
UNLESS OTHERWISE NOTED

LOCATION APPROVED UNDERGROUND STRUCTURES		VERTICAL DATUM: CGVD28 (HT2.0 Geoid)						ENGINEER'S SEAL 		 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING SERVICES DIVISION	
HORIZONTAL DATUM: NAD83 (June 1990), Zone 14											
SUPV. U/G STRUCTURES COMMITTEE	DATE						DESIGNED BY	ADB	CHECKED BY	JF	SHEET 13 OF 15 CITY DRAWING NUMBER 1-0751M-C0005-001
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.							DRAWN BY	DML	APPROVED BY	ADB	
							SCALE: HORIZONTAL VERTICAL		RELEASED FOR CONSTRUCTION	JESSICA McCOMBE, P.Eng.	CONSULTANT DRAWING NUMBER
							DATE	APRIL 28, 2025	DATE	APRIL 25, 2025	
							NO.	REVISIONS	YYYY/MM/DD	BY	