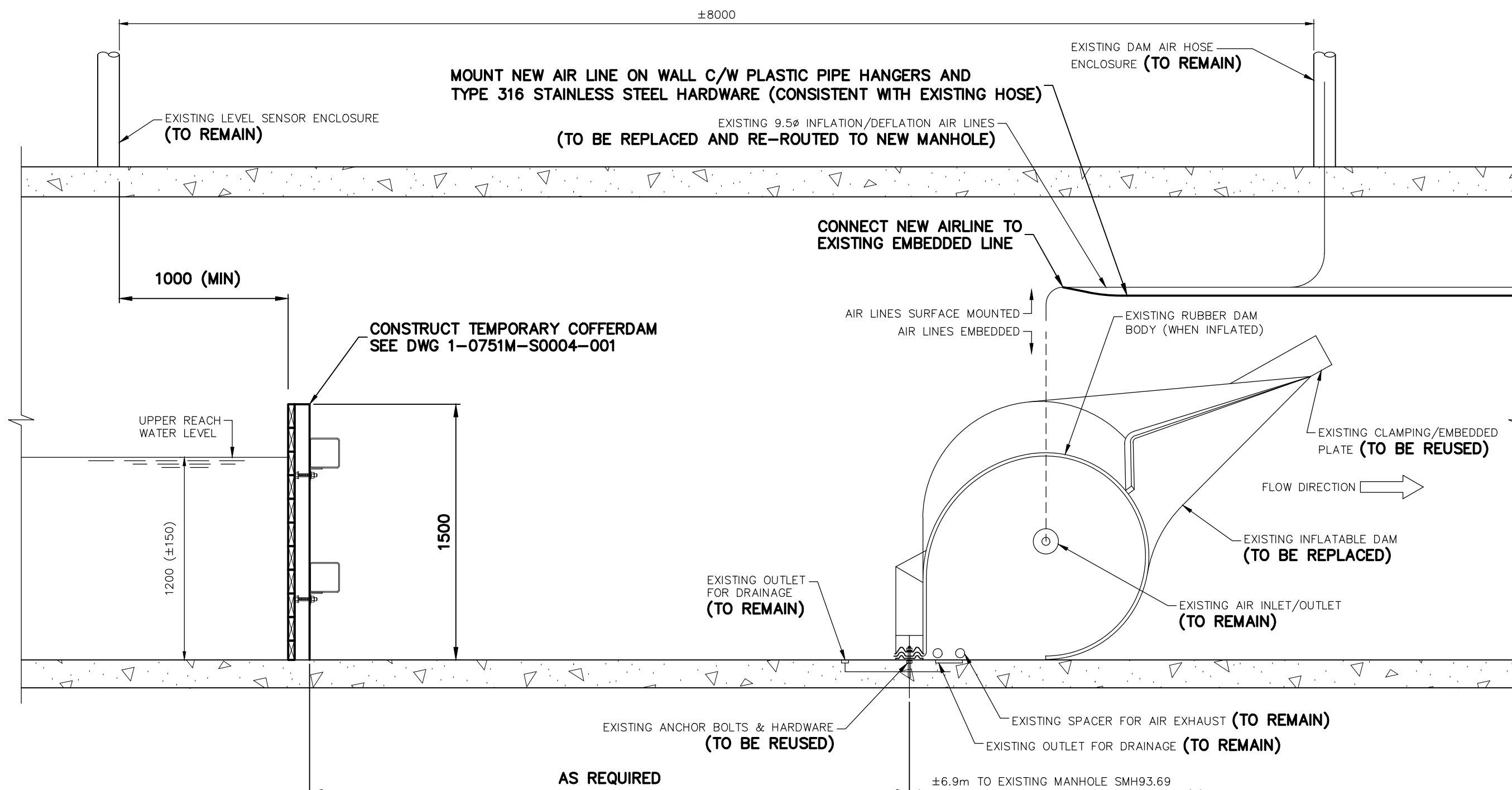
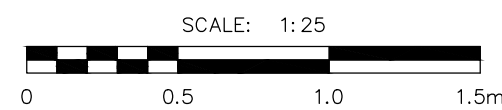
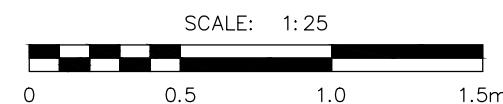


SECTION - MILE 93.69 INFLATABLE DAM



ELEVATION - MILE 93.69



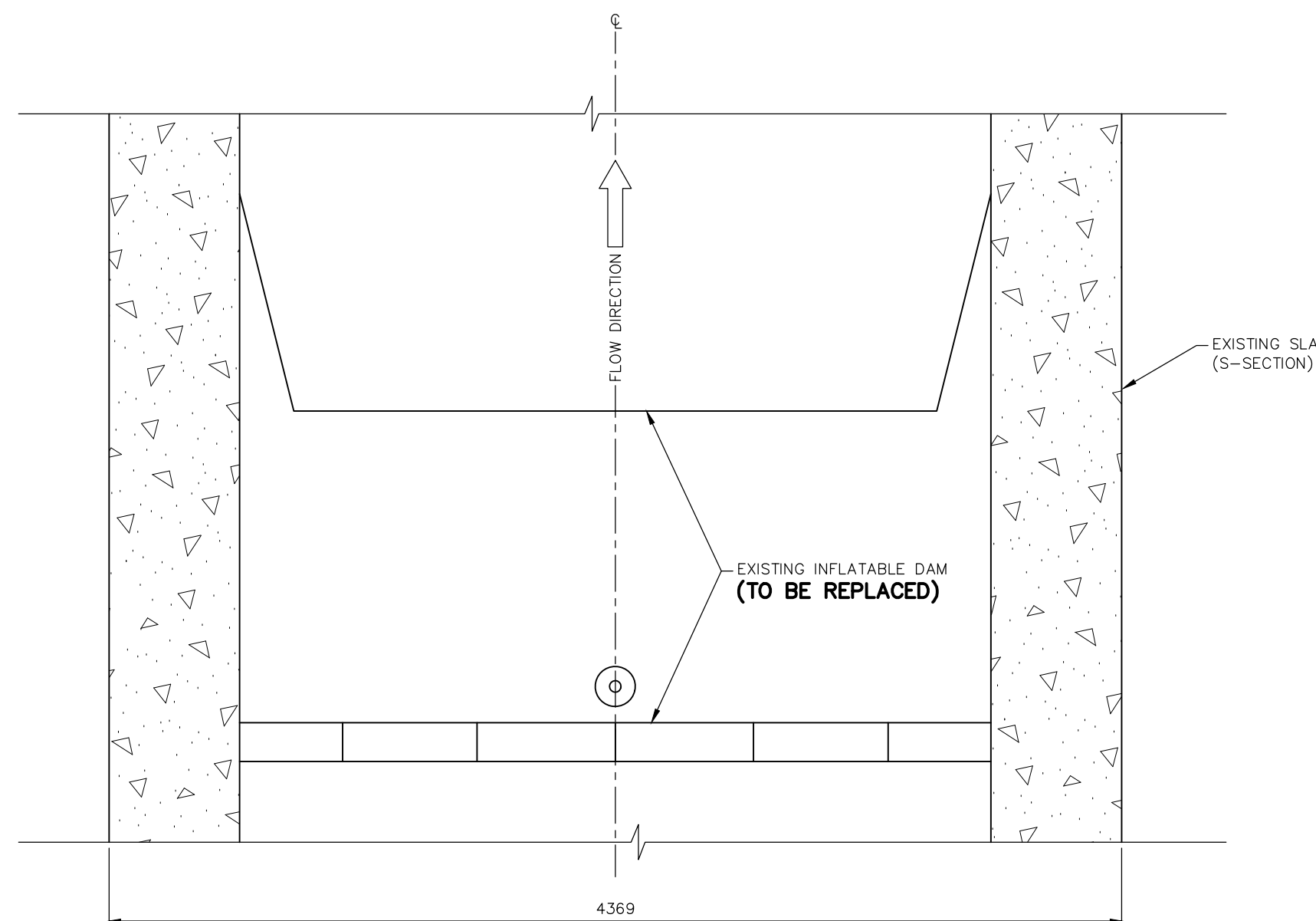
# NOTES:

## SEQUENCE OF WORK:

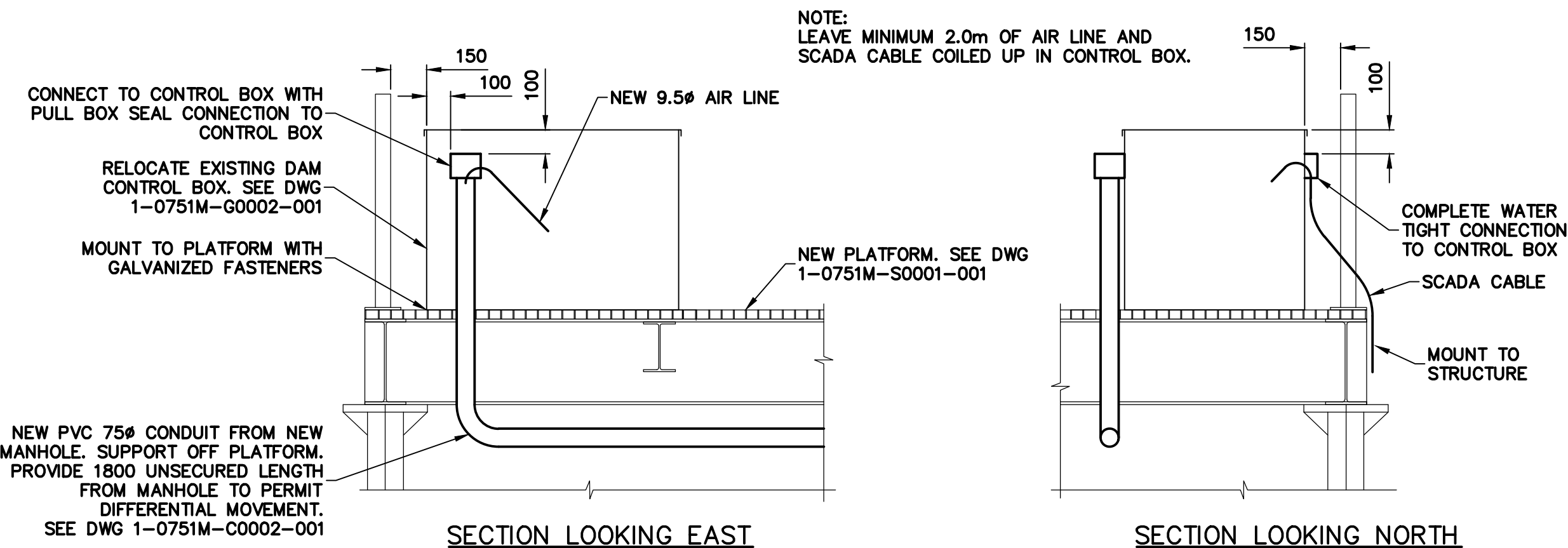
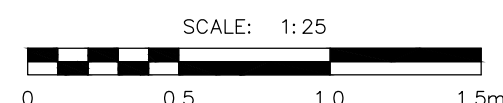
1. INSPECTION OF NEW DAM MATERIALS PRIOR TO TRANSPORT TO SITE.
2. TRANSPORT NEW INFLATABLE DAM TO MILE 96.69 AND PREPARE MILE 96.69 BOATHOUSE FOR DAM TRANSPORT.
3. DRAIN UPPER REACH (BY CITY).
4. INSERT DAM INTO SLA AT MILE 96.69 AND TRANSPORT (WALK) TO MILE 93.69. STORE DOWNSTREAM OF TEMPORARY COFFERDAM.
5. CONSTRUCT TEMPORARY COFFERDAM. INSTALL TEMPORARY WORK PLATFORM AT MILE 94.72. SEE DWG 1-0751M-C0005-001.
6. FILL UPPER REACHES (BY CITY).
7. REPLACE INFLATABLE DAM AND TEST NEW INFLATABLE DAM.
8. REMOVE EXISTING INFLATABLE DAM.
9. COMPLETE WORK AT MILE 94.72. SEE DWG 1-0751M-C0005-001.
10. DRAIN UPPER REACHES (BY CONTRACTOR).
11. REMOVE TEMPORARY COFFERDAM AND TEMPORARY WORK PLATFORM AT MILE 94.72.
12. FILL UPPER REACHES (BY CITY) VIA 1 OF 2 OPTIONS:
  - REINSTATE SLA OPERATION.
  - INFLATE NEW INFLATABLE DAM.

## CONSTRUCTION NOTES:

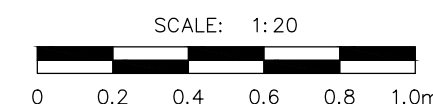
- NEW RUBBER DAM TO BE SUPPLIED BY CITY C/W SEALANTS FOR INSTALLATION.
- MOUNTING POINTS, HARDWARE AND PLATES TO BE REUSED. CONTRACTOR TO SUPPLY SPARE HARDWARE AS PER SPECIFICATIONS (3/4" UNC 316 SS NUTS AND WASHERS).
- REMOVE EXISTING DAM AND INSPECT ALL CONNECTIONS FOR REUSE.
- INSTALL NEW DAM REUSING ALL MOUNTS AND CONNECTIONS.
- INSTALL NEW AIR HOSE FROM WALL MOUNTED/EMBEDDED CONNECTION TO RELOCATED CONTROL BOX ON NEW PLATFORM.
- NEW DAM MATERIALS TO BE BROUGHT INTO THE SLA AT MILE 96.69 BOATHOUSE AND TRANSPORTED VIA CART TO THE INSTALL LOCATION.
- EXISTING DAM MATERIAL MAY BE CUT UP AND REMOVED VIA THE NEW MANHOLE AT MILE 93.69. EXISTING DAM TO BE LEFT INTACT UNTIL THE NEW DAM HAS BEEN TESTED.
- CONTRACTOR MAY BE REQUIRED TO PROVIDE A TEMPORARY INFLATABLE DAM AIR HOSE, DEPENDING CONSTRUCTION STAGING.
- CONTRACTOR TO PROVIDE HOIST AND OTHER TEMPORARY WORKS AT MILE 96.69 BOATHOUSE TO FACILITATE INSERTION OF INFLATABLE DAM INTO SLA.
- NUISANCE WATER (BYPASSING) FROM TEMPORARY COFFERDAM IS EXPECTED. CONTRACTOR MAY NEED SECONDARY CONTAINMENT AND PUMPS TO CONTROL NUISANCE WATER UPSTREAM AND DOWNSTREAM OF THE WORK AREA.
- REFER TO DWG 1-0751M-S0004-001 FOR TEMPORARY COFFERDAM AND WATER MANAGEMENT IN THE UPPER REACH.
- SEE DWG 1-0751M-C0001-001 FOR EXISTING SLA CONFIGURATION AND DETAILS.
- SEE DWG 1-0751M-G0002-001 FOR GENERAL SLA CONSTRUCTION NOTES.



PLAN - MILE 93.69 INFLATABLE DAM



RELOCATED DAM CONTROL BOX



<b>LOCATION APPROVED UNDERGROUND STRUCTURES</b>		VERTICAL DATUM: CGVD28 (HT2.0 Geoid) HORIZONTAL DATUM: NAD83 (June 1990), Zone 14				ENGINEER'S SEAL 		<b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT ENGINEERING SERVICES DIVISION	
SUPV. U/G STRUCTURES COMMITTEE DATE: _____		DESIGNED BY: ADB CHECKED BY: JF		DRAWN BY: DML APPROVED BY: ADB		RELEASED FOR CONSTRUCTION JESSICA McCOMBE, P.Eng.		SHEET <b>8</b> OF <b>15</b> CITY DRAWING NUMBER	
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.		SCALE: HORIZONTAL VERTICAL		DATE: APRIL 28, 2025 BY: ADB		DATE: APRIL 25, 2025 CONSULTANT DRAWING NUMBER		<b>MILE 93.69 INFLATABLE DAM REPLACEMENT DETAILS</b>	
NO. _____		ISSUED FOR CONSTRUCTION 2025/04/28		REVISIONS YYYY/MM/DD		TENDER NUMBER: 82-2025 CONTRACT NUMBER: 14/A		FILE PATH: U:\133600064\09_CAD\07 Sheets\3 SLA DD\ FILE NAME: 8 M9369 INFLATABLE DAM.dwg	