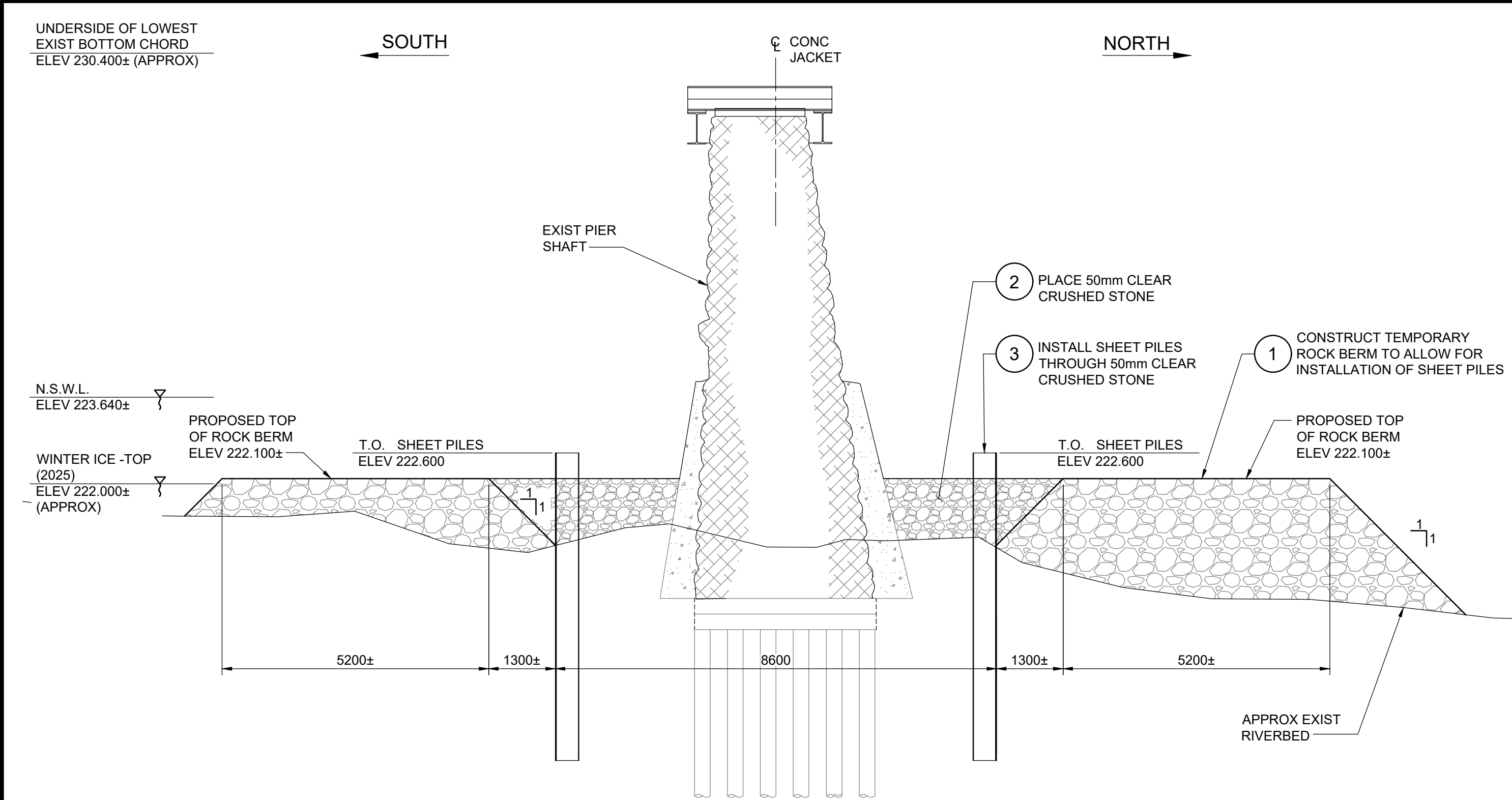
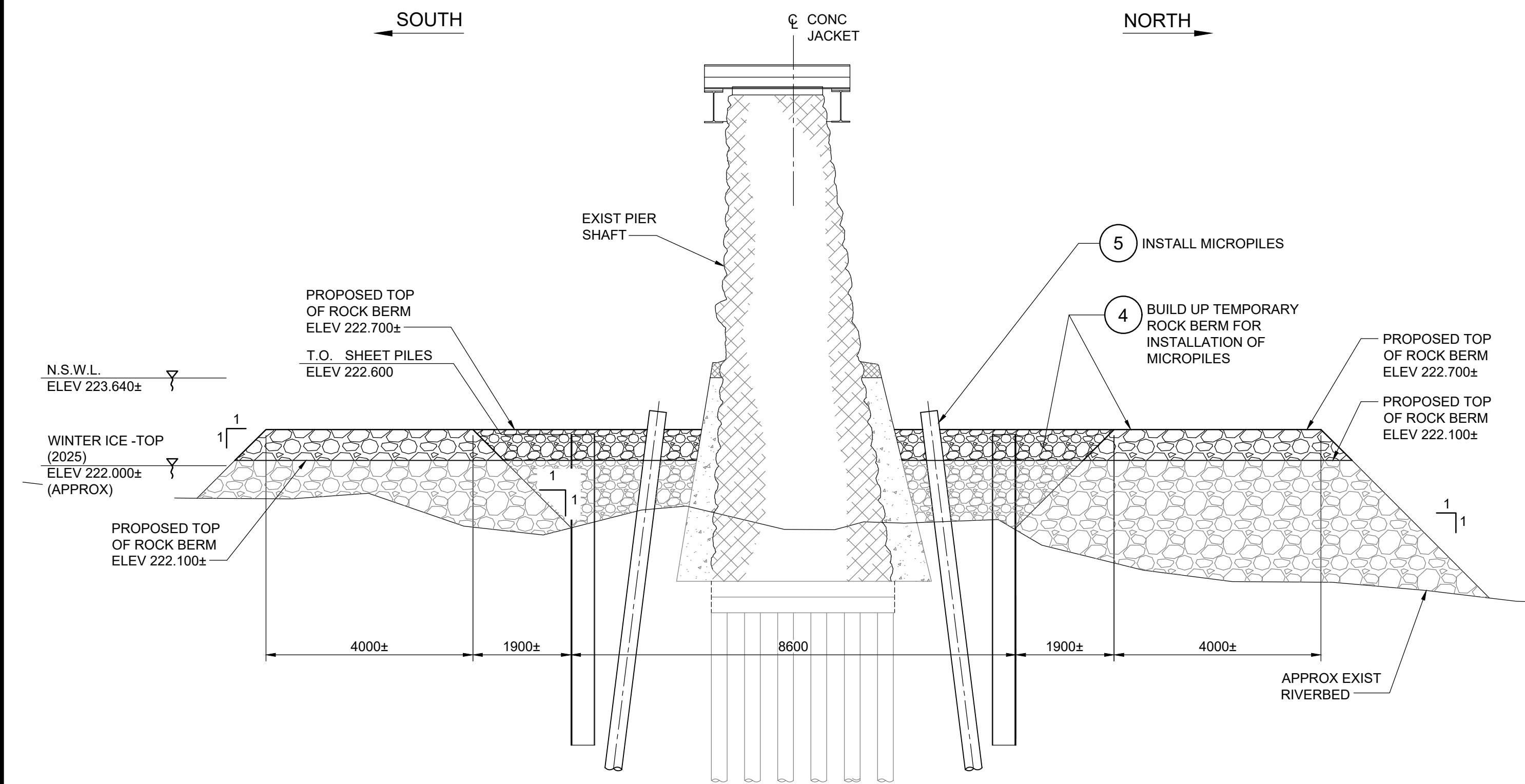




1
- -

DETAIL - PROPOSED PIER
CONSTRUCTION SEQUENCE STAGE 1

1 : 75
SU.2 SHOWN, SU.4 SIMILAR



2
- -

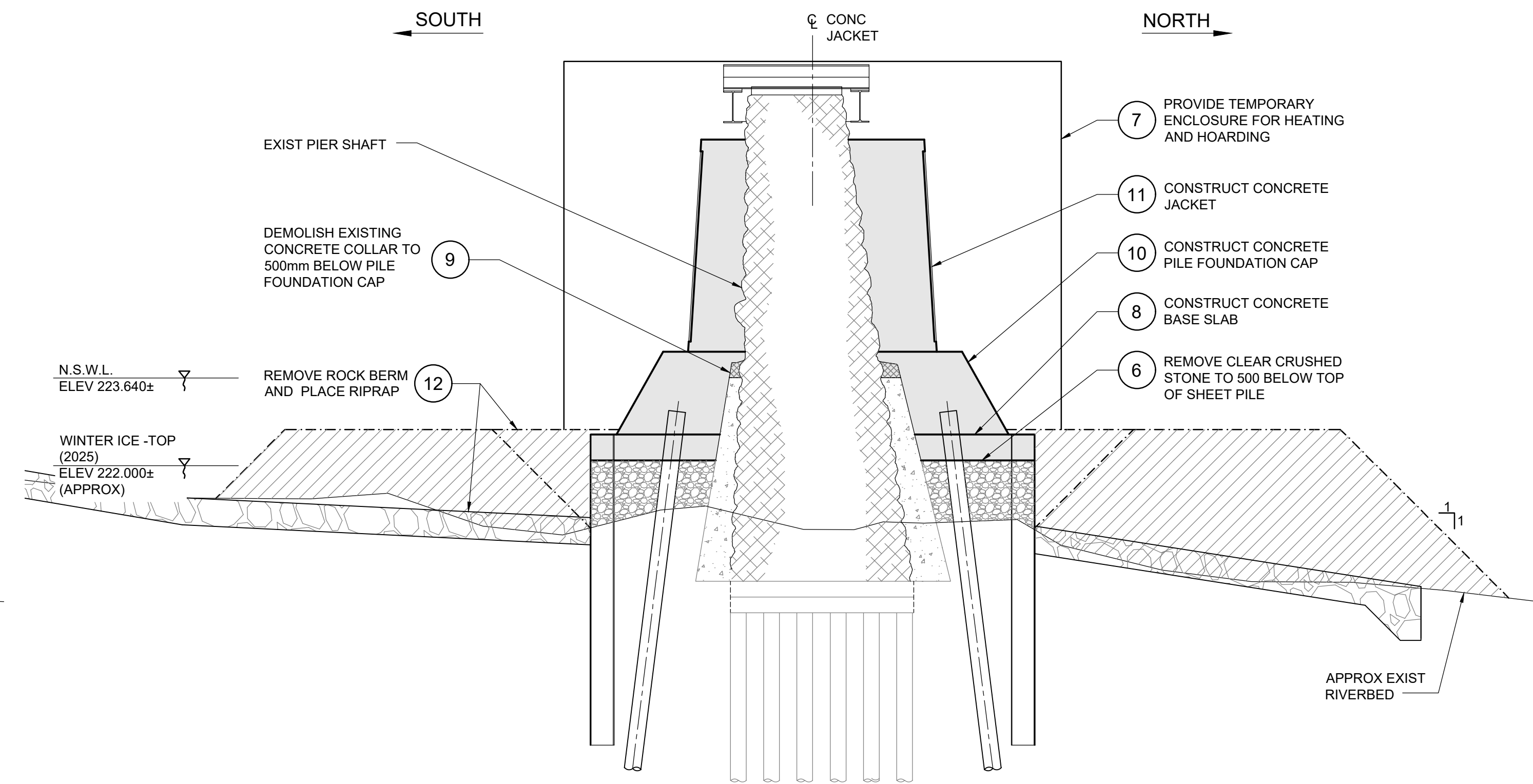
DETAIL - PROPOSED PIER
CONSTRUCTION SEQUENCE STAGE 2

1 : 75
SU.2 SHOWN, SU.4 SIMILAR

- NOTES:
1. THIS DRAWING DEMONSTRATES ACCESS BERMS CONSTRUCTED TO ELEVATION 222.70m AROUND EXISTING PIERS SU.2 AND SU.4. THE ACCESS ROAD AND WORK BERM ELEVATION MAY VARY TO REFLECT THE WINTER ICE LEVEL AT TIME OF CONSTRUCTION AS WELL AS WIDTH/OFFSETS REQUIRED FOR CONSTRUCTION EQUIPMENT AND ACTIVITIES. THESE DRAWINGS SHOW THE MAXIMUM PLAN VIEW EXTENTS OF RIVERBED DISTURBANCE APPROVED BY REGULATORY AGENCIES.
 2. THE ELEVATION AND EXTENTS OF THE TEMPORARY BERM WILL BE DETERMINED BY THE CONTRACT ADMINISTRATOR.
 3. SHEET PILE INSTALLATION WILL REQUIRE THE SUBMISSION OF A LOW HEADROOM INSTALLATION PLAN.
 4. 50mm CLEAR CRUSHED STONE SHALL BE FREE-DRAINING, OPEN-GRADED ANGULAR ROCK WITH A MAXIMUM OF 5% PASSING A 5mm SIEVE.

PROPOSED SEQUENCE OF WORK

ITEM	DESCRIPTION
1	CONSTRUCT TEMPORARY ROCK BERM TO ALLOW FOR INSTALLATION OF SHEET PILES
2	PLACE 50mm CLEAR CRUSHED STONE
3	INSTALL SHEET PILES THROUGH 50mm CLEAN FILL
4	BUILD UP TEMPORARY ROCK BERM FOR INSTALLATION OF MICROPILES
5	INSTALL MICROPILES
6	REMOVE CLEAR CRUSHED STONE TO 500 BELOW TOP OF SHEET PILE
7	PROVIDE TEMPORARY ENCLOSURE FOR HEATING AND HOARDING
8	CONSTRUCT CONCRETE BASE SLAB
9	DEMOLISH EXISTING CONCRETE COLLAR TO 500mm BELOW PILE FOUNDATION CAP
10	CONSTRUCT CONCRETE PILE FOUNDATION CAP
11	CONSTRUCT CONCRETE JACKET
12	REMOVE ROCK BERM AND PLACE RIPRAP



3
- -

DETAIL - PROPOSED PIER
CONSTRUCTION SEQUENCE STAGE 3

1 : 75
SU.2 SHOWN, SU.4 SIMILAR



VERTICAL DATUM:			
HORIZONTAL DATUM:			
0	ISSUED FOR TENDER	26.07.15	TN
NO.	REVISIONS	DATE	BY
		DATE	26.07.15

 TETRA TECH	
DESIGNED BY TN	REVIEWED BY BN
DRAWN BY BM	APPROVED BY MJB
SCALE: AS NOTED	ACCEPTED BY DATE
	CAM WARD, P.ENG. 26.07.15



CONSULTANT DRAWING NO.
704-INF.MB\03029-01-DWG-S3009

 THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	
LOUISE BRIDGE SUBSTRUCTURE REHABILITATION AND RIVERBANK STABILIZATION WORKS	
PIER SU.2 AND SU.4 PHASE 1 CONSTRUCTION SEQUENCE OF WORK	
CITY DRAWING NUMBER B107-26-009	
SHEET 9 OF 39	
9	