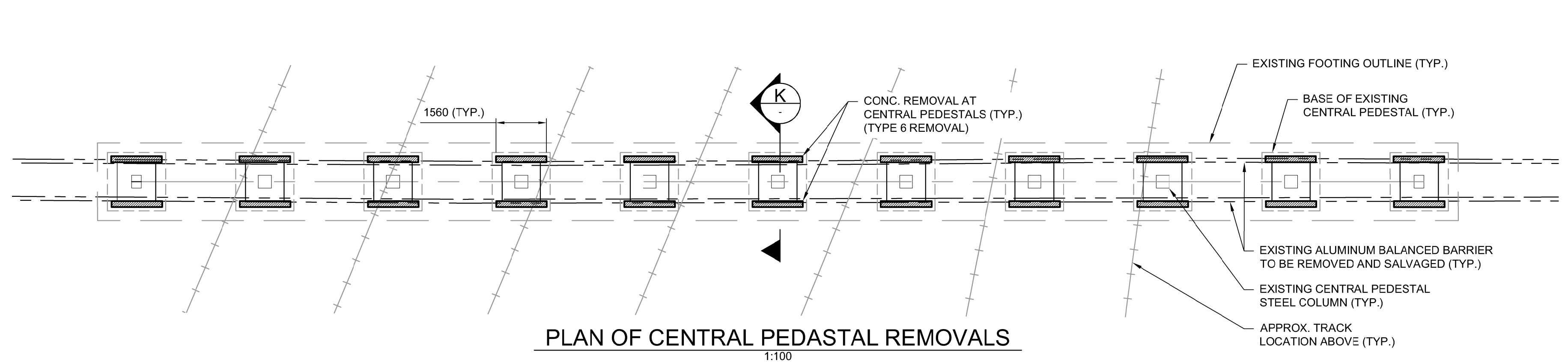
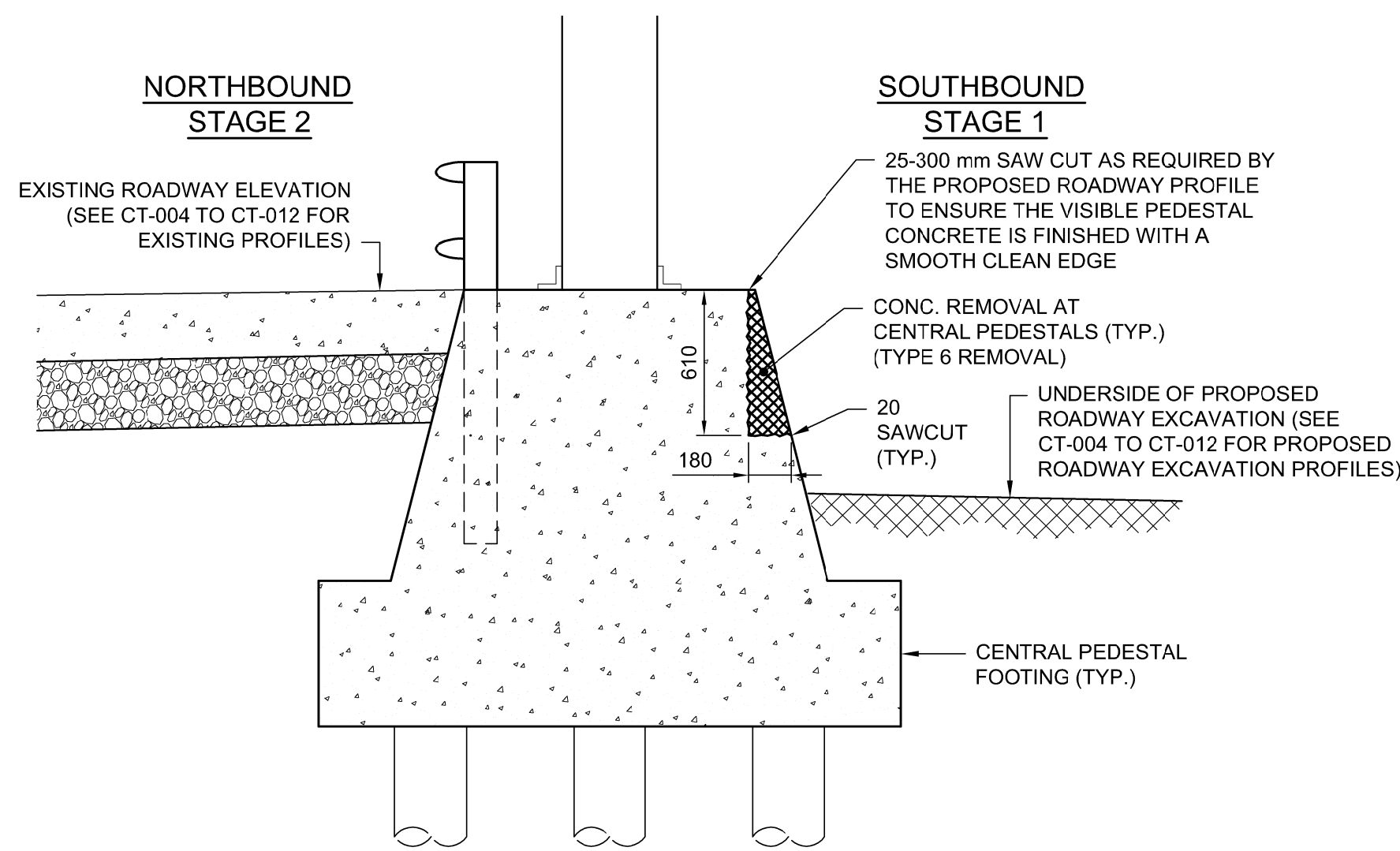


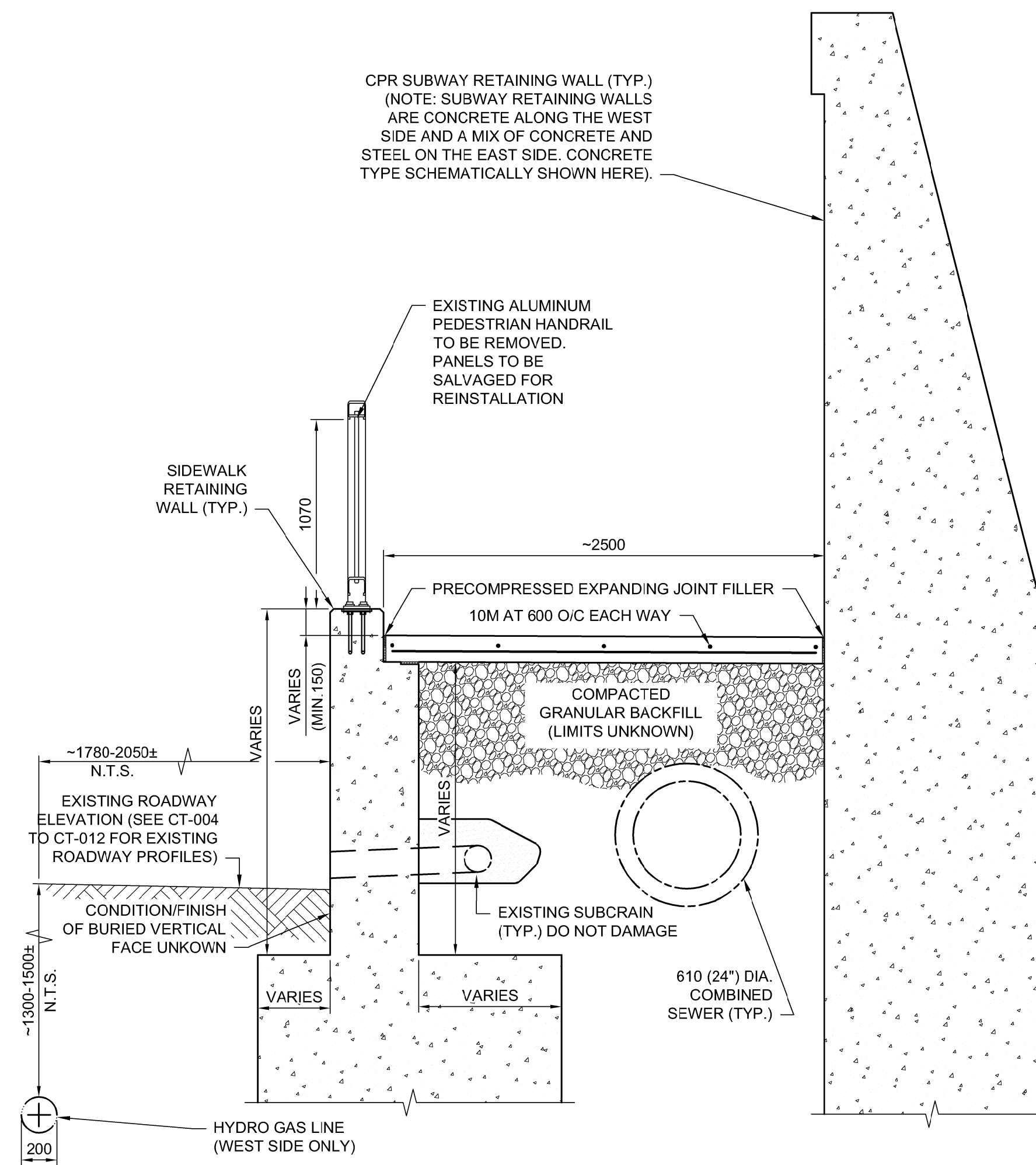
K EXISTING CENTRAL PEDESTAL SECTION
1:25



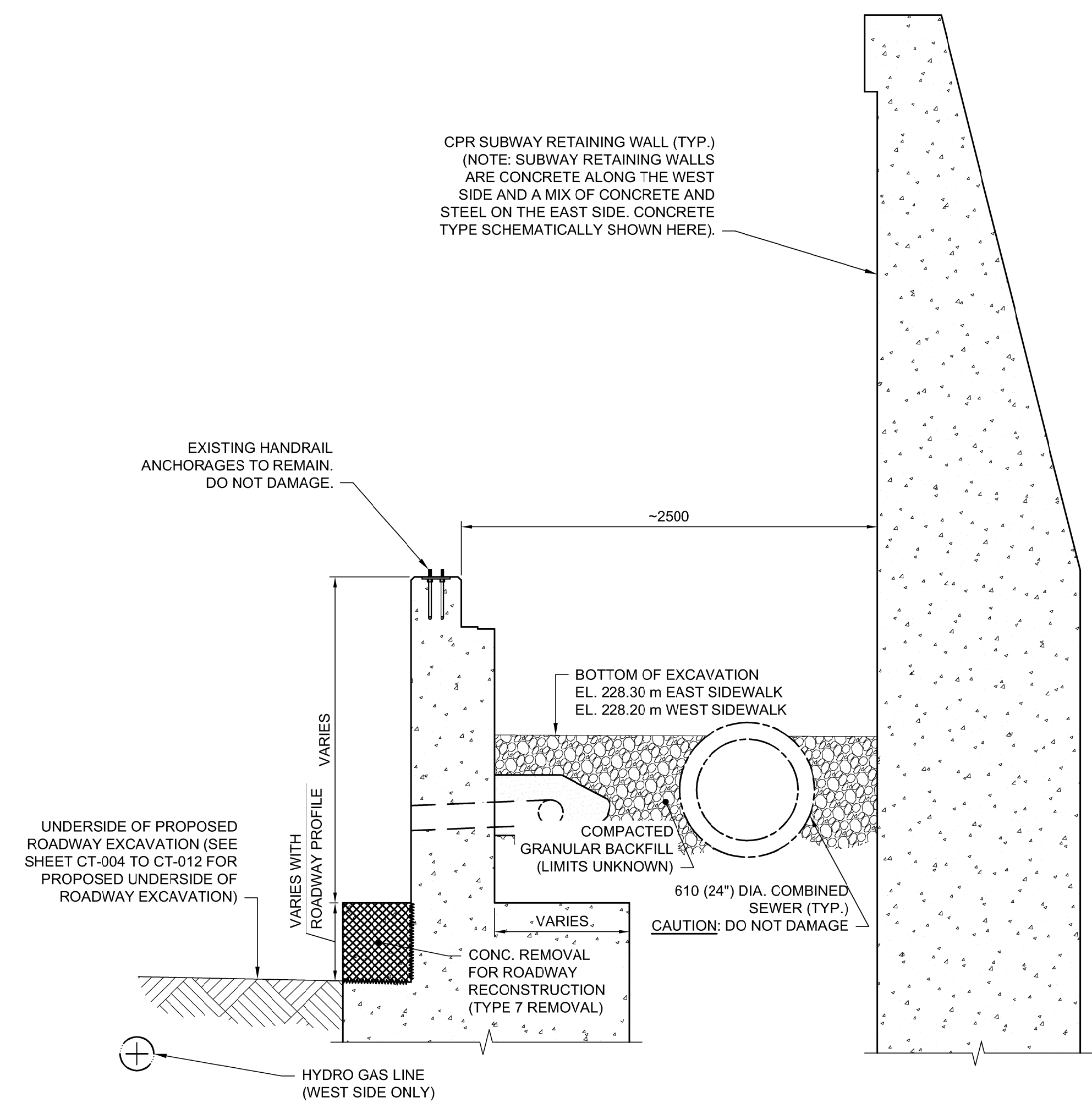
PLAN OF CENTRAL PEDESTAL REMOVALS
1:100



K CENTRAL PEDESTAL REMOVALS SECTION
1:25
STAGE 1 REMOVALS SHOWN
STAGE 2 SIMILAR



J EXISTING SIDEWALK SECTION
1:25



J EXCAVATED SIDEWALK SECTION
1:25
CS-004
CS-005
CS-006

NOTES:

- EXISTING RECORD DRAWINGS DO NOT PROVIDE DETAILED INFORMATION ON THE DEPTH OR WIDTHS OF THE SIDEWALK RETAINING WALL FOOTINGS. THE FRONT (ROADWAY) SIDE OF THE SIDEWALK RETAINING WALLS WERE SOFT DUG IN 6 LOCATIONS IN THE FALL OF 2017. THE GEOMETRY OF THE FRONT OF THE WALL DOWN TO THE U/S OF FOOTING AT EACH OF THESE LOCATIONS IS PROVIDED ON SHEETS CS-003 TO CS-006. THE CONTRACTOR IS ADVISED THAT THIS INFORMATION IS FOR REFERENCE ONLY AND IS ONLY REPRESENTATIVE OF THE WALL AT THE SPECIFIC LOCATION SOFT DUG.
- THERE EXISTS THE POSSIBILITY THAT IN SOME LOCATIONS, THE EXISTING ROADWAY SITS DIRECTLY ON THE SIDEWALK RETAINING WALL FOOTING AS SHOWN ON THIS DRAWING. IN THESE INSTANCES, THE FRONT (ROADWAY) SIDE OF THE WALL SHALL BE NOTCHED AS REQUIRED TO ALLOW FOR THE FULL PLACEMENT OF THE PROPOSED ROADWAY STRUCTURE INCLUDING SUBBASE AND CONCRETE PAVEMENT.
- THE SECTIONS SHOWN ON THIS PAGE HAVE BEEN DEVELOPED BASED ON THE RESULTS OF THE SOFT DIG AT THE LOCATION SHOWN IN SECTION 'G' ON SHEET CS-005. GENERALLY, THE NOTES/DETAILS SHOWN ON THIS PAGE ARE APPLICABLE TO THE ENTIRE LENGTH OF THE SIDEWALK RETAINING WALL.
- SEQUENCE OF WORK:
 - REMOVE AND SAFELY STORE THE EXISTING ALUMINUM HANDRAIL. THE CONTRACTOR SHALL TAKE GREAT CARE NOT TO DAMAGE THE EXISTING HANDRAIL PANELS OR HANDRAIL ANCHORAGES AS THEY ARE EXPECTED TO BE REUSED.
 - REMOVE AND DISPOSE OF THE EXISTING REINFORCED CONCRETE SIDEWALK TO THE LIMITS SHOWN ON THE DRAWINGS.
 - EXCAVATE EXISTING SIDEWALK RETAINING WALL BACKFILL TO THE ELEVATIONS SHOWN ON THE DRAWINGS. GREAT CARE SHALL BE TAKEN AROUND ANY KNOWN UTILITIES. THE CONTRACTOR IS ADVISED THAT THERE ARE EXISTING SUBDRAINS BEHIND THE SIDEWALK RETAINING WALLS WHICH ARE TO REMAIN. ANY DAMAGE TO UTILITIES OR THE SUBDRAINS DURING EXCAVATION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - COMPLETE ROADWAY RECONSTRUCTION WORKS. NOTE: EXCAVATION FOR ROADWAY RECONSTRUCTION SHALL NOT COMMENCE UNTIL THE EXCAVATION TO THE SPECIFIED LIMITS IS COMPLETED BEHIND THE SIDEWALK RETAINING WALLS.
 - BACKFILL SIDEWALK EXCAVATION WITH CELLULAR CONCRETE AND CONSTRUCT NEW REINFORCED STRUCTURAL SIDEWALK.
 - REATTACH SALVAGED ALUMINUM HANDRAIL PANELS COMPLETE WITH NEW ALUMINUM POSTS AND BICYCLE RAIL.



UNDERGROUND STRUCTURES	B.M. ELEV.	DESIGNED BY	DRA
SUPV. U/G STRUCTURES	DATE	DRAWN BY	KNL
		CHECKED BY	DRA
		APPROVED BY	TJP
		HOR. SCALE	AS SHOWN
		VERTICAL	AS SHOWN
		HOR. SCALE	AS SHOWN
		VERTICAL	AS SHOWN
		ISSUED FOR TENDER	18/03/16 TJP
		NO. REVISIONS	DATE BY

RELEASED FOR CONSTRUCTION	DATE

DILLON CONSULTING

REGISTERED PROFESSIONAL ENGINEER

PROVINCE OF MANITOBA
ORIGINAL MEMBER
D.R.C. AMORIM
18/03/16
Member
33215

CONSULTANT PROJECT NUMBER
17-6152

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2018 REGIONAL STREET RENEWAL PROJECT
McPHILLIPS STREET RECONSTRUCTION AND UNDERPASS
STRUCTURAL IMPROVEMENTS
LOGAN AVENUE TO JARVIS AVENUE

CITY DRAWING NUMBER
U212-18-CS-007-R0
SHEET 007 OF 026
CONSULTANT DRAWING NUMBER
CS-007

REMOVALS - SECTIONS AND DETAILS

G:\CAD\176152\Drawings\Structural\176152-CON-CS-PIER-MODIFICATION-DETAILS.dwg