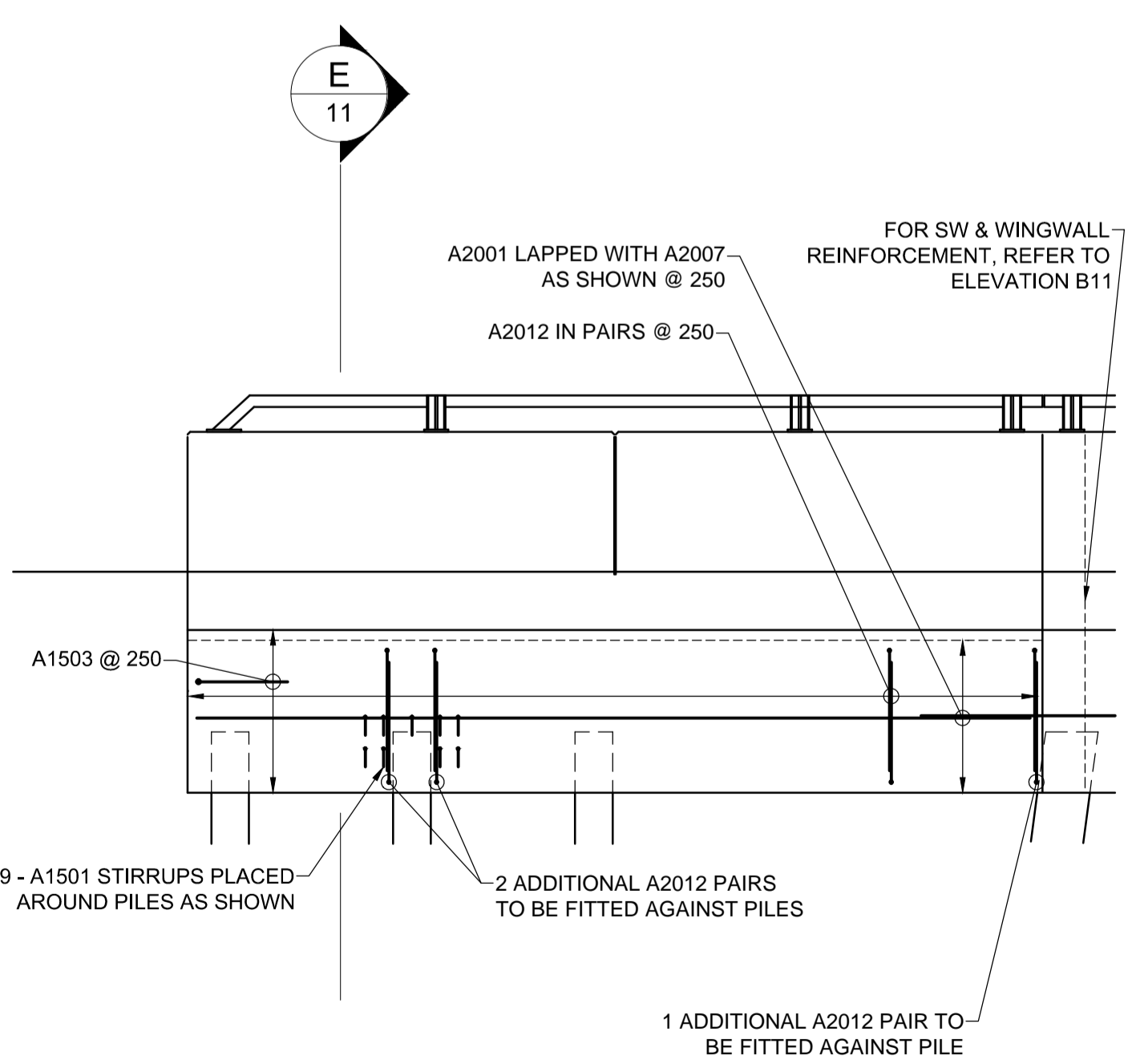
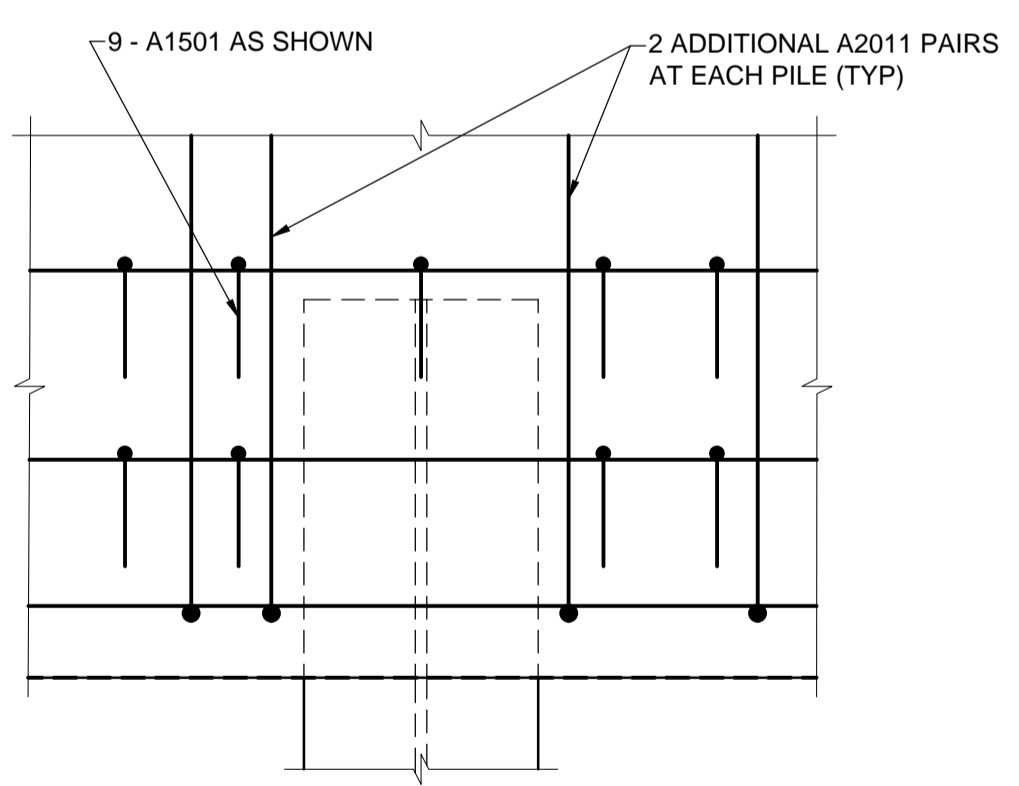


SUBSTRUCTURE PLAN
REINFORCEMENT
SCALE: 1:75

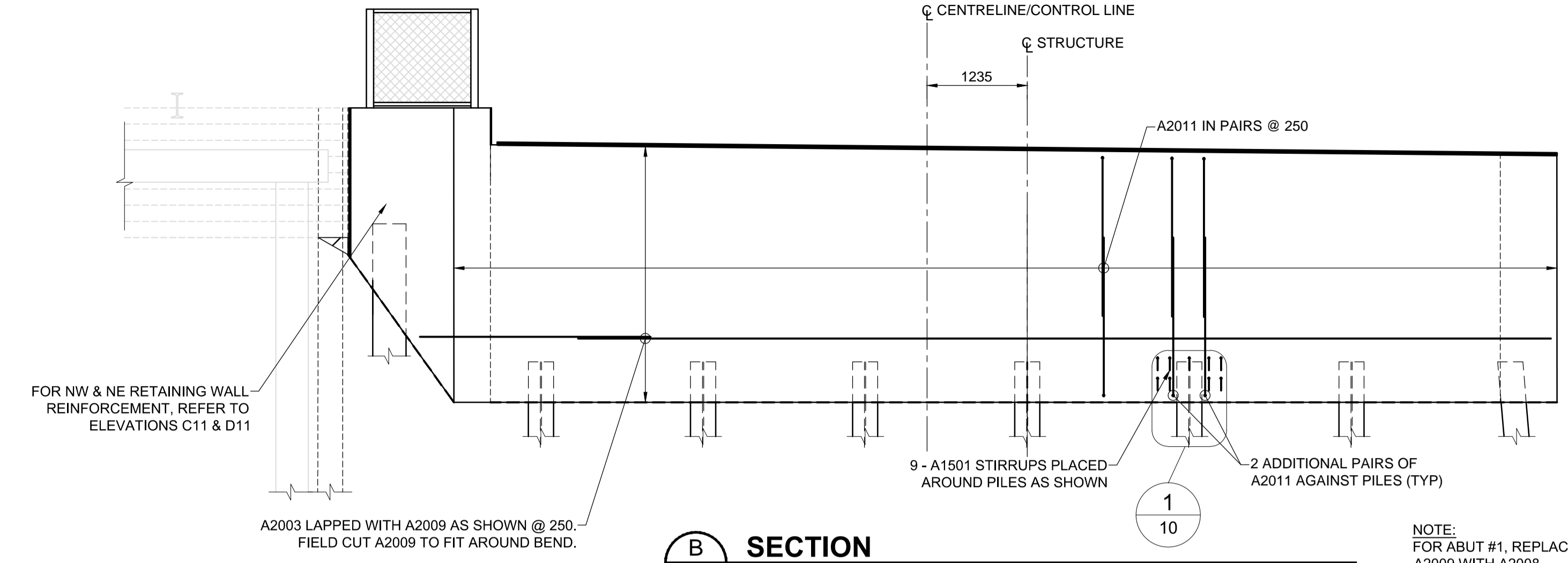
NOTE: VERTICAL REINFORCEMENT NOT SHOWN FOR CLARITY



A ELEVATION
SW RETAINING WALL - REINFORCEMENT
SCALE: 1:50

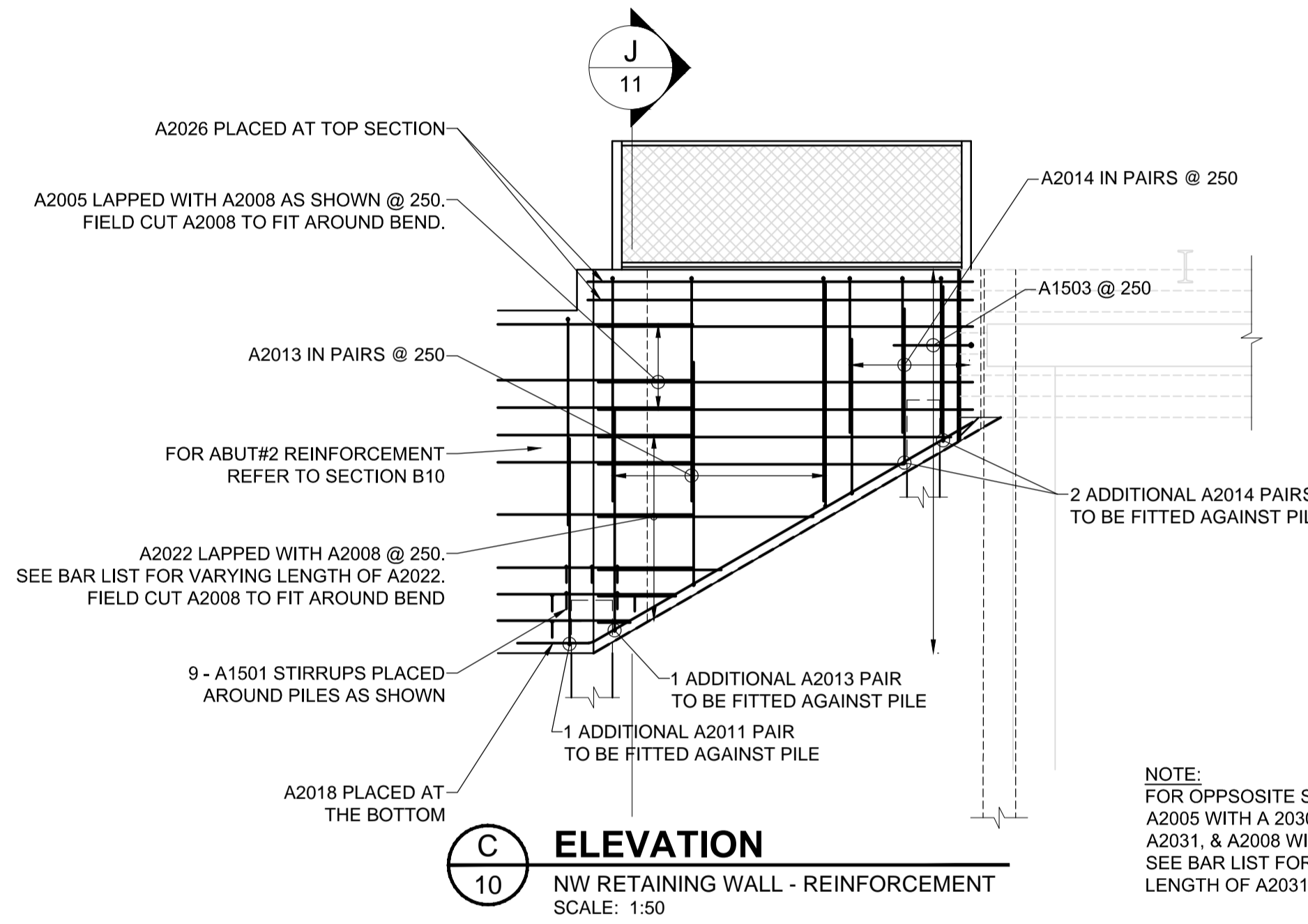


1 DETAIL
PILE CONFINEMENT
SCALE: 1:10



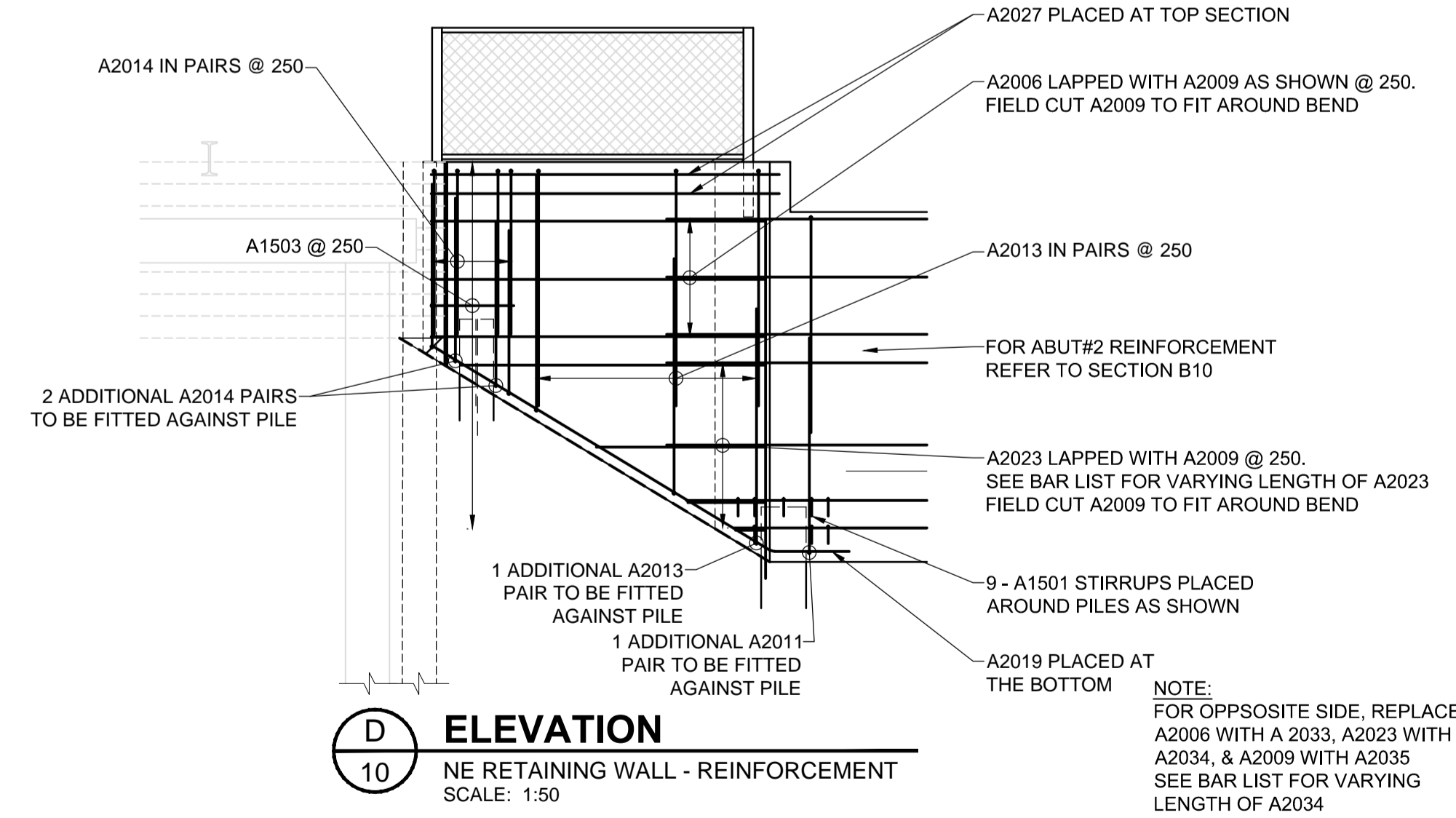
B SECTION
ABUT #2 SHOWN, ABUT #1 SIMILAR WHEN MIRRORED - REINFORCEMENT
SCALE: 1:50

NOTE:
FOR ABUT #1, REPLACE
A2009 WITH A2008



C ELEVATION
NW RETAINING WALL - REINFORCEMENT
SCALE: 1:50

NOTE:
FOR OPPOSITE SIDE, REPLACE
A2005 WITH A 2030, A2022 WITH
A2031, & A2008 WITH A2032
SEE BAR LIST FOR VARYING
LENGTH OF A2031



D ELEVATION
NE RETAINING WALL - REINFORCEMENT
SCALE: 1:50

NOTE:
FOR OPPOSITE SIDE, REPLACE
A2006 WITH A 2033, A2023 WITH
A2034, & A2009 WITH A2035
SEE BAR LIST FOR VARYING
LENGTH OF A2034

SUBSTRUCTURE REINFORCING NOTES:
REFER TO SHEETS 08 AND 09 FOR SUBSTRUCTURE GEOMETRY.

BID OPPORTUNITY No. 775-2015



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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	15/10/22	DAN
No.	REVISIONS	YYMMDD	BY

MORRISON HERSHFIELD		DESIGNED BY DAN		CHECKED BY SAL	
DRAWN BY DML		APPROVED BY BE		ACCEPTED BY ORIGINAL DRAWING	
HOR. SCALE AS SHOWN		DATE 15/10/22		SIGNED BY D.N. BURMEY, P.ENG.	
VERT. SCALE AS SHOWN		DATE 15/04/24		D.N. BURMEY, P.ENG. BRIDGE PROJECTS ENGINEER	



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

SASKATCHEWAN AVENUE AT OMAND'S CREEK BRIDGE REPLACEMENT

SUBSTRUCTURE III

CITY DRAWING NUMBER B144-16-10
SHEET 10 OF 18
DRAWING No. 10 REV 0