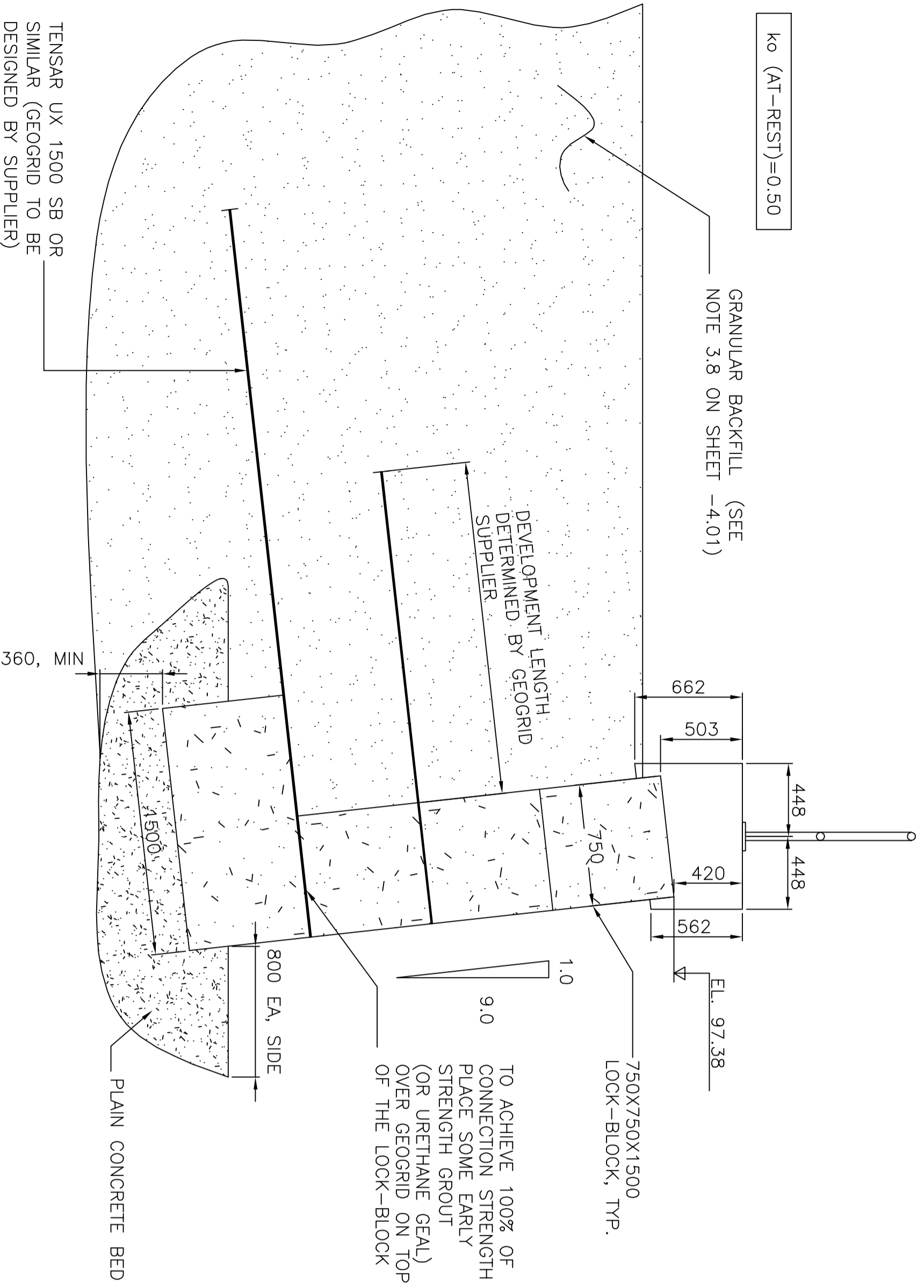


HEADWALL AND FOOTING REINFORCING

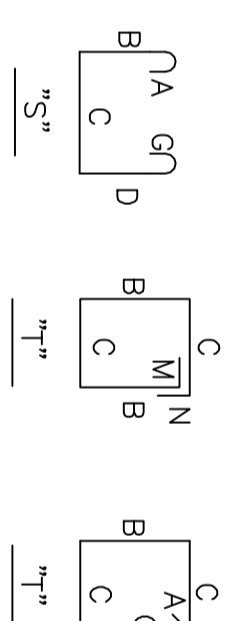
1:25



RETAINING LOCK-BLOCK WALL-ELEVATION

1:25

REINFORCING BAR LIST-2 FOOTINGS												
QTY.	SIZE	MARK	LENGTH	A	B	C	D	E	F	G	H	R
8	20M	F2005S	600			600						
8	15M	F1505T	4360	100	380	1700				100		
26	15M	F1506T	2160	100	430	450				100		



QUANTITIES (2 FOOTINGS)

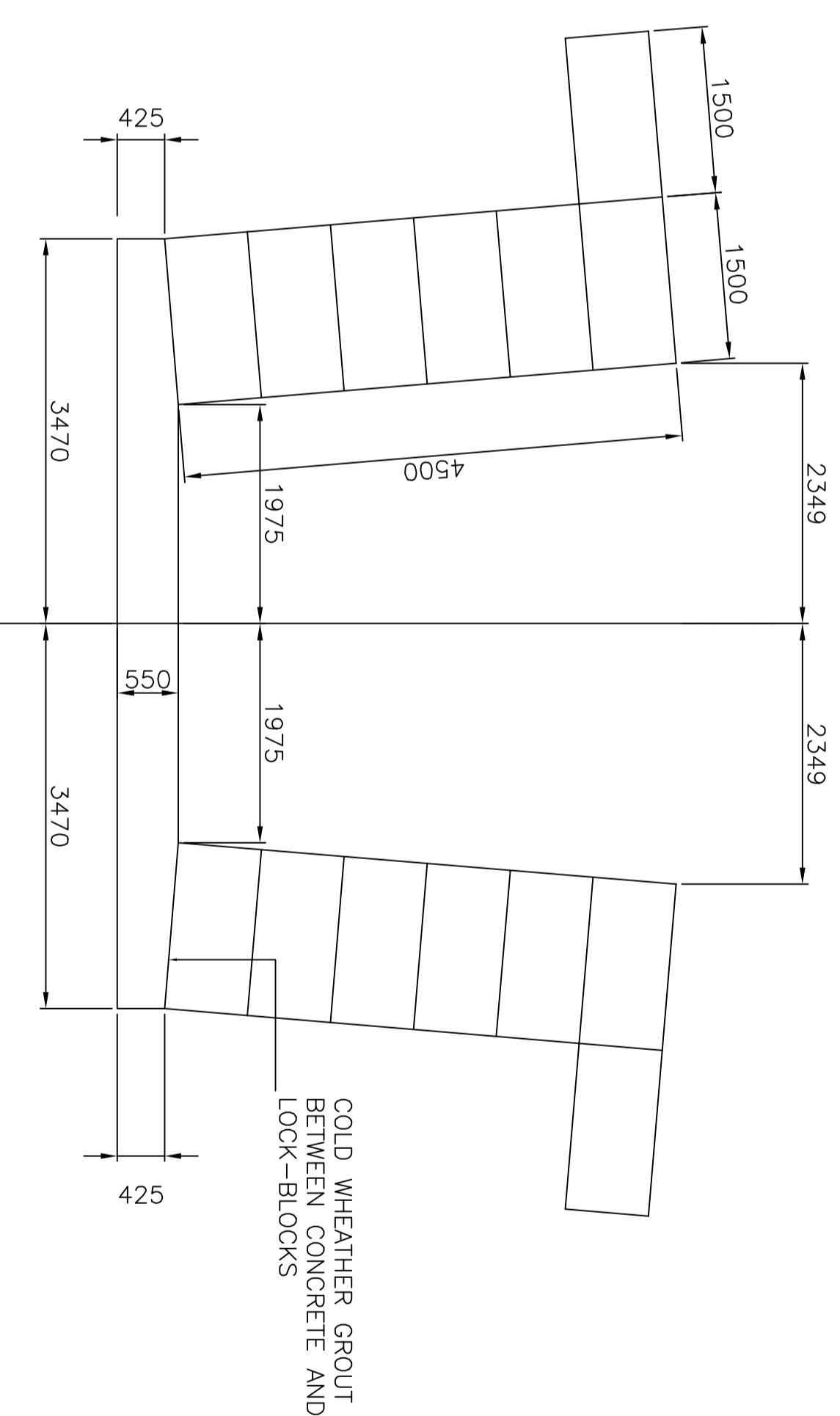
CONCRETE (CU.M)	REINFORCING (KG)
1.8	155

REINFORCING BAR LIST-COLLAR

REINFORCING MESH	EA	LENGTH (m)	WIDTH (m)	AREA (m ²)
152X152 MW25.8X25.8_A	2	1.22	6.05	7.42
152X152 MW25.8X25.8_B	4	1.38	2.12	2.92
152X152 MW34.9X34.9	4	2.58	2.18	5.70

MATERIAL'S NOTES:

1. DEFORMED WELDED WIRE FABRIC CONFORM TO CSA G30.14-M
Fu=550 MPa MINIMUM TENSILE STRENGTH;
Fy=485 MPa (MINIMUM YIELD STRENGTH)



PLAN ON HEADWALL AND RETAINING LOCK-BLOCK WALLS

1:50

No.	Date	Revision	By/For
C	MAY 16, 2011	GENERAL REVISION	
B	JAN 25, 2011	RETAINING WALL REVISION	
A	DEC 14, 2010	GENERAL REVISION	
	JAN 15, 2010	ISSUED FOR CONSTRUCTION	
	SEPT 16, 2009	ISSUED FOR TENDER	

SENIOR STRUCTURAL ENGINEER

STONE ARCH CULVERT EXTENSION
NEAR MOHAWK, ONTARIO
CULVERT NORTH EXTENSION DETAILS
COLLAR/RETAINING WALL DETAILS

Drawn	DGT	Designed	DGT	Checked	Scale	Date
Design		Conception		Verification	AS NOTED	JAN 15, 2010

Office of Chief Engineer
Bureau de l'ingénieur en chef

