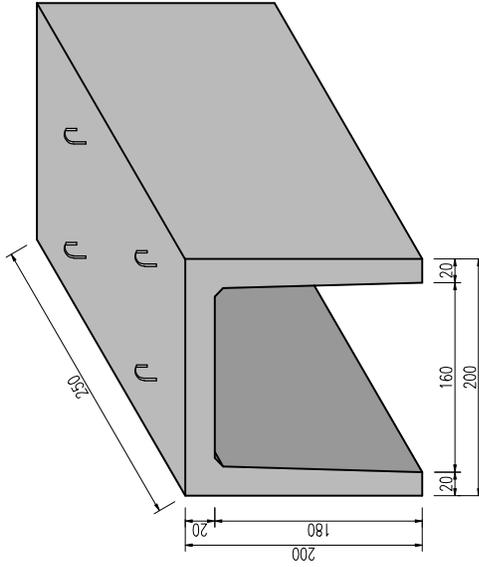
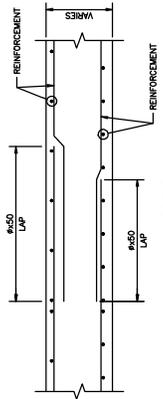


APPENDIX B – Bunker and Alaska Barrier Details

REV	DESCRIPTION	DATE	APP



ISOMETRIC VIEW



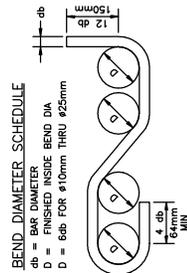
OPTIONAL JOINT DETAIL

REBAR QUANTITIES OF 6' BUNKER

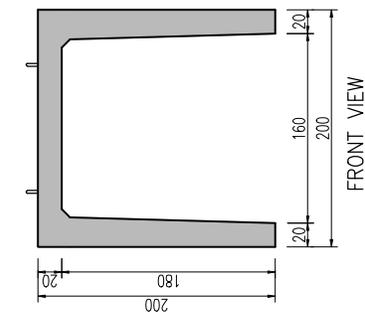
NO	QTY	DIA (Ø)	LENGTH (m)	TOTAL LENGTH (m)
1	17	14	5.86	99.62
2	17	14	5.46	92.82
3	74	12	2.68	198.32
TOTAL LENGTHS				192.44
TOTAL WEIGHT (kg/m)				1,208
TOTAL WEIGHT (kg)				176.10
GENERAL TOTAL				408.56

TECHNICAL SPECIFICATION

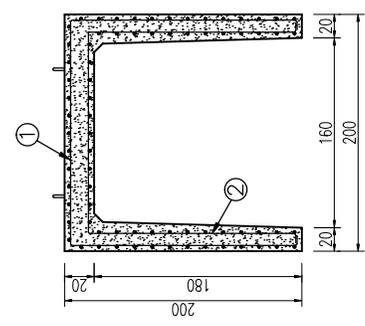
1) ALL DIMENSION ARE IN CENTIMETER	THE COMPRESSIVE STRENGTH OF CONCRETE IS 4500PSI AFTER 28 DAYS
2) CONCRETE TYPE 4500PSI	THE YIELD STRENGTH OF THE STEEL IS 420 N/mm ²
3) REINFORCEMENT SHALL BE LAW ASTM-A615, GRADE60	COMMENTS:
	CONCRETE: 3.05m ³ 4500PSI
	WIDE: 2000mm(6'5")
	HEIGHT: 2000mm(6'5")
	WEIGHT: 7957kg
	ALL DIMENSIONS ARE IN mm UNLESS NOTE OTHERWISE



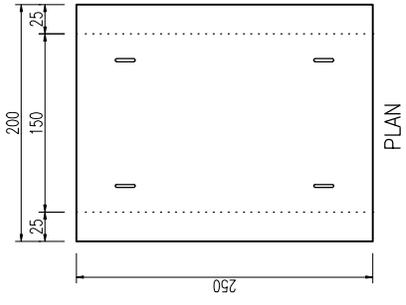
STANDARD HOOKS AND BENDS



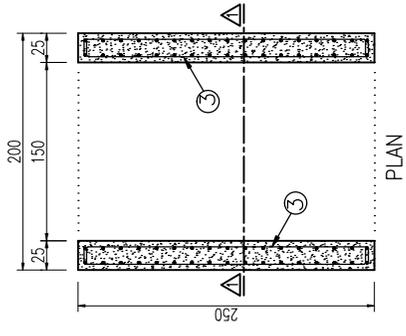
FRONT VIEW



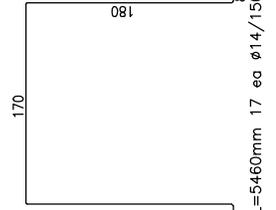
SECTION 1-1



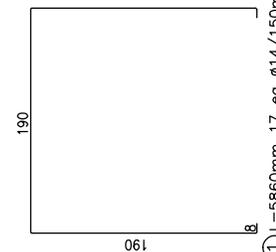
PLAN



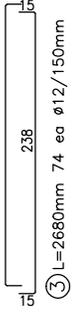
PLAN



② L=5460mm 17 ea Ø14/150mm

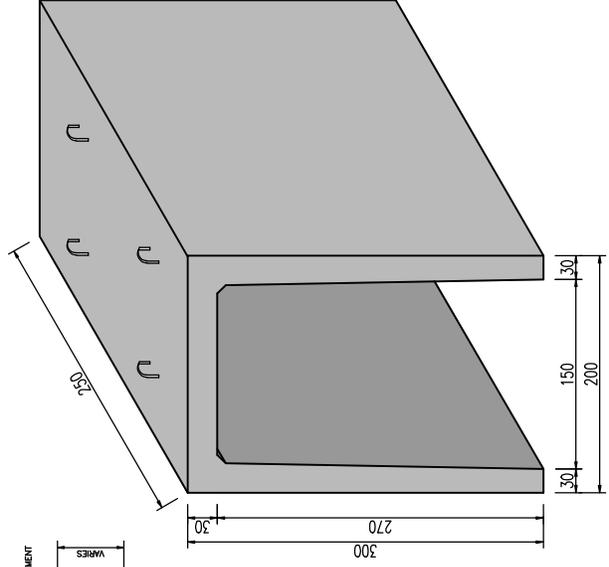


① L=5860mm 17 ea Ø14/150mm

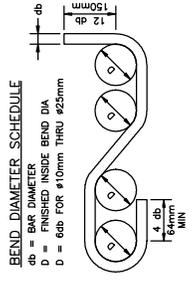
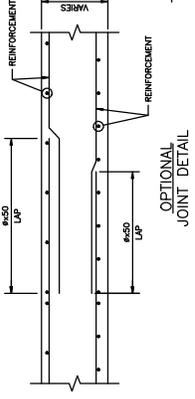


③ L=2680mm 74 ea Ø12/150mm

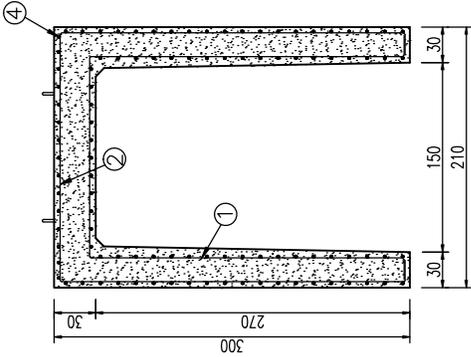
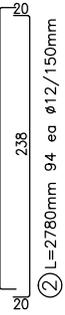
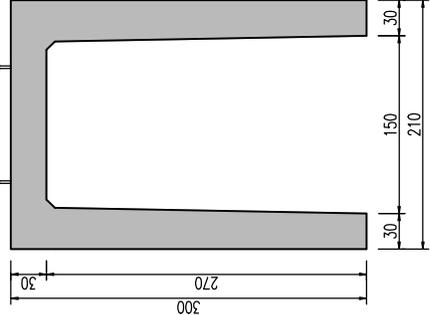
REV	DESCRIPTION	DATE	APP



ISOMETRIC VIEW

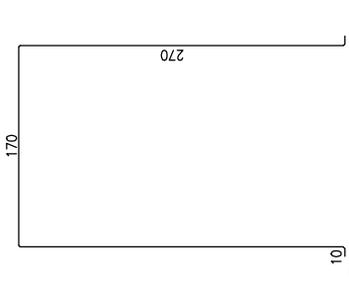
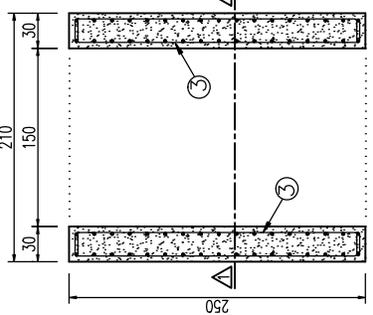
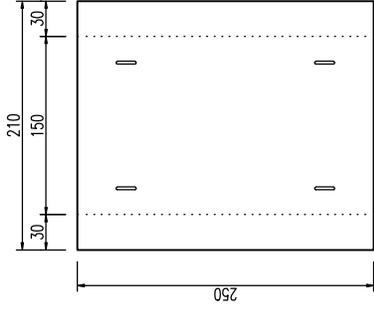


STANDARD HOOKS AND BENDS



2 L=7300mm 17 ea ø14/150mm

2 L=2380mm 8 ea ø12/150mm



REBAR QUANTITIES OF 10' BUNKER

POZ NO	QTY	DIA. (ø)	LENGTH (m)	TOTAL LENGTH (m)				
				ø12	ø16	ø20	ø22	ø25
1	17	14	7.92	134.64				
2	17	14	7.30	124.10				
3	94	12	2.78	261.32				
4	8	14	2.38	19.04				
TOTAL LENGTHS (m)				261.32	277.78			
UNIT WEIGHT (kg/m)				0.888	1.208	1.590	2.470	2.984
TOTAL WEIGHT (kg)				232.05	355.55			
GENERAL TOTAL (kg)				587.60				

TECHNICAL SPECIFICATION

1) ALL DIMENSION ARE IN CENTIMETER	THE COMPRESSIVE STRENGTH OF CONCRETE IS 4500PSI AFTER 28 DAYS
2) CONCRETE TYPE 4500PSI	THE YIELD STRENGTH OF THE STEEL IS 420 N/mm ²
3) REINFORCEMENT SHALL BE LAW ASTM-A615, 600D60	COMMENTS: ALL DIMENSIONS ARE IN mm unless NOTE OTHERWISE
CONCRETE: 6.00m ³ 4500PSI	
WIDE: 2000mm(6'5")	
HEIGHT: 3000mm(10')	
WEIGHT: 15277kg	

