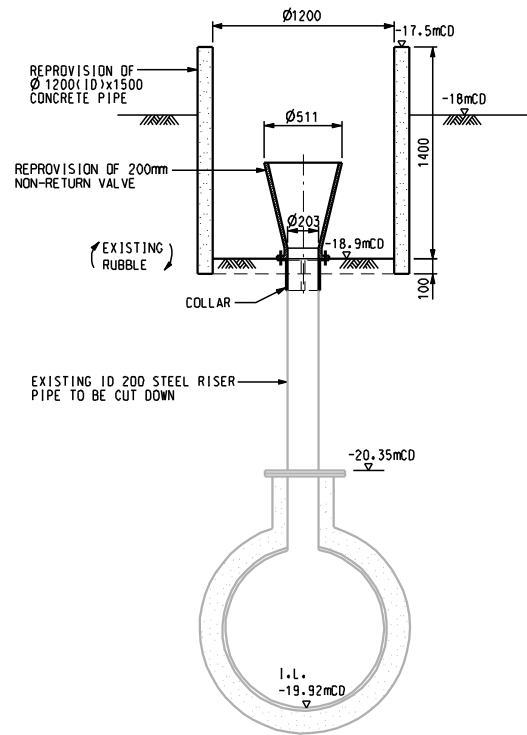


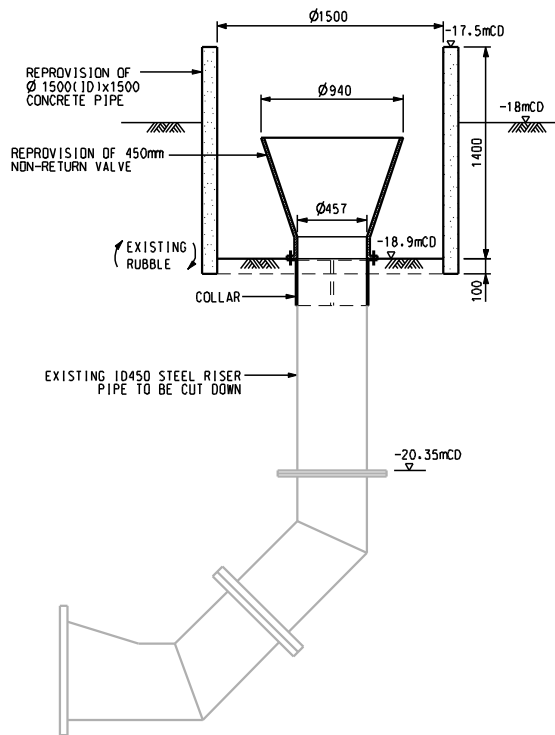
PLAN OF DIFFUSER PORTS OF EXISTING TSING YI SUBMARINE OUTFALL

SCALE 1 : 200



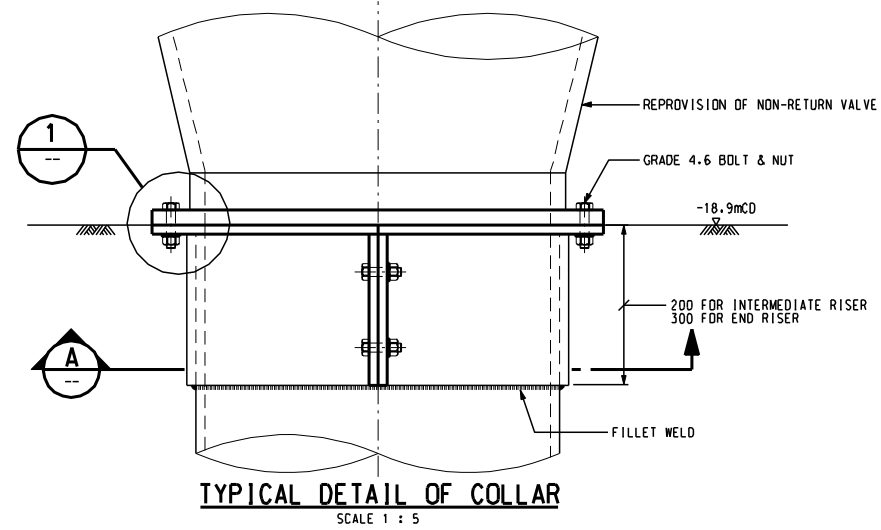
TYPICAL DETAIL OF INTERMEDIATE RISER

SCALE 1 : 25



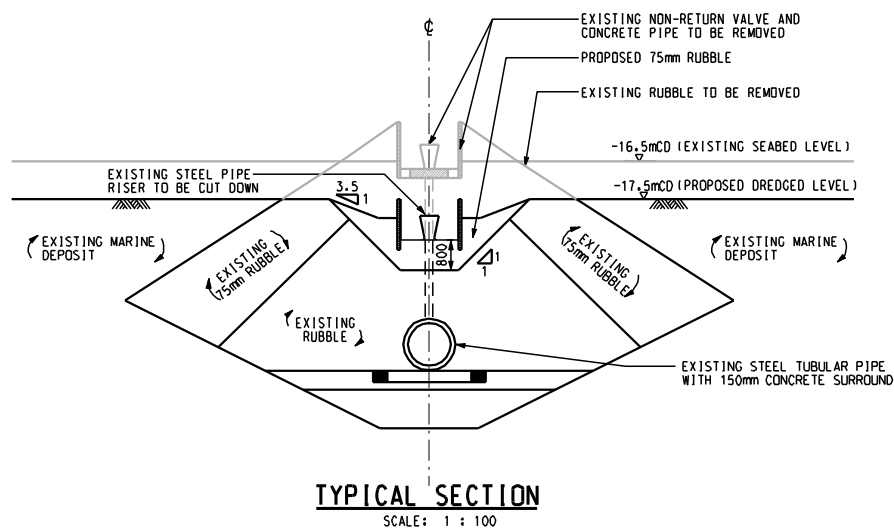
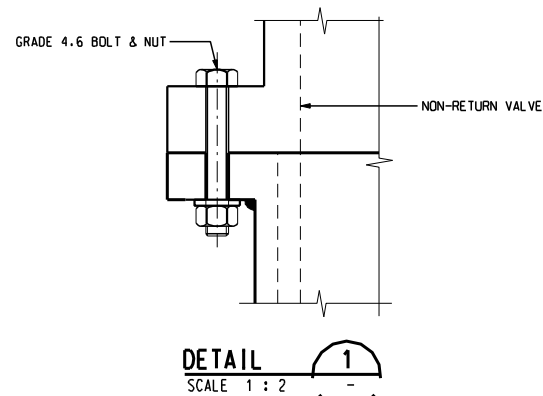
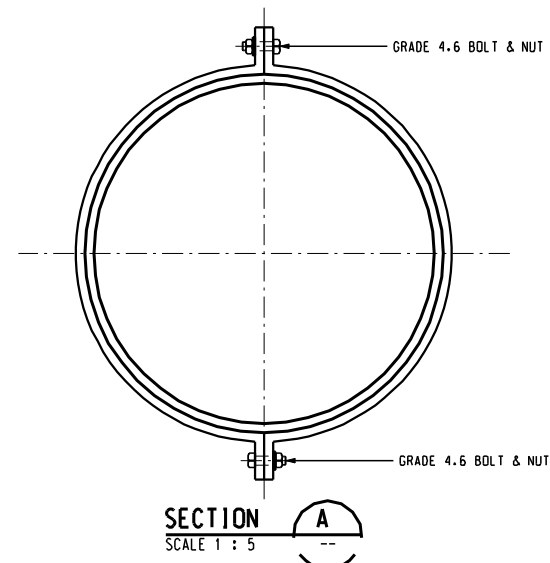
DETAIL OF END RISER

SCALE 1 : 25



TYPICAL DETAIL OF COLLAR

SCALE 1 : 5



NOTE :

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- THE MATERIAL OF THE STEEL PIPES AND ITS ASSOCIATED FITTINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE COMMENCEMENT OF THE WORKS.
- THE CONTRACTOR SHALL SUBMIT TEST REPORT OF THE STEEL PIPES AND ITS ASSOCIATED FITTINGS BEFORE SHIPPING AS REQUIRED BY THE ENGINEER. THE CONTRACTOR SHALL NOT CARRY OUT ANY WORKS BEFORE APPROVAL IS GIVEN BY THE ENGINEER.
- THE DIMENSIONS OF THE EXISTING TSING YI SUBMARINE OUTFALL ARE BASED ON THE AS BUILT DRAWINGS. THE CONTRACTOR SHALL VERIFY THIS INFORMATION ON SITE.
- STEEL PIPES SHALL BE GRADE 43A TO BS4460 UNLESS OTHERWISE NOTED.
- FOR PIPE WALL THICKNESS SEE TABLE 1:
TABLE 1 PIPE WALL THICKNESS
- THE INSIDE & OUTSIDE OF RISERS SHALL BE COATED WITH MINIMUM 1.5mm THICK EPOXY FOR CORROSION PROTECTION.
- FULL BUTT WELD SHALL BE APPLIED TO ALL DIRECT PIPE TO PIPE CONNECTIONS UNLESS OTHERWISE STATED.
- FOR NON-RETURN VALVE SEE TABLE 2:

PIPE DIA (mm)	WALL THK. (mm)
450	12
200	10

SIZE	DTX	DESCRIPTION	MATERIAL
200mm	16	DECK VALVE SLEEVE	NEOPRENE/NEOPRENE COVER
	16	FLANGE BACK-UP RING	316S/STEEL
450mm	1	DECK VALVE SLEEVE	NEOPRENE/NEOPRENE COVER
	1	FLANGE BACK-UP RING	316S/STEEL

P2	MAR 10	MING	FINAL SEWERAGE REPORT	--	--
P1	SEP 09	MING	PRELIMINARY DESIGN	--	--
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Client

CEDD THE GOVERNMENT OF THE HONG KONG SPECIAL ADMINISTRATIVE REGION CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project

PROVIDING SUFFICIENT WATER DEPTH FOR KWAI TSING CONTAINER BASIN AND ITS APPROACH CHANNEL

Title

MODIFICATION OF DIFFUSER PORT OF EXISTING TSING YI SUBMARINE OUTFALL - PLAN, SECTIONS AND DETAILS

Designed	EC	Eng check	SHC
Drawn	MING	Coordination	KL
Dwg check	KL	Approved	PEJ
Scale at A1	Status	Rev	
1:1000	PRE	P2	
Drawing Number	259053/CIV/2002		