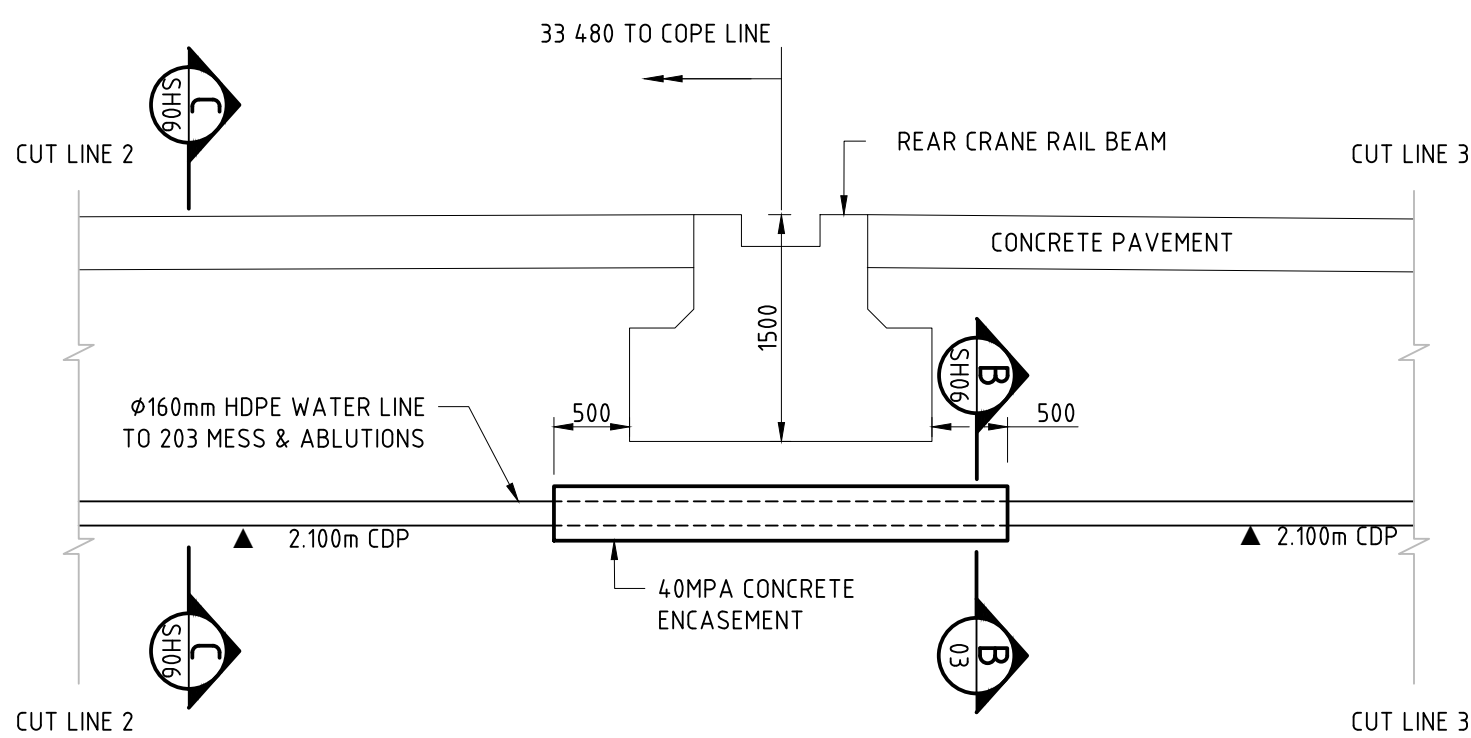
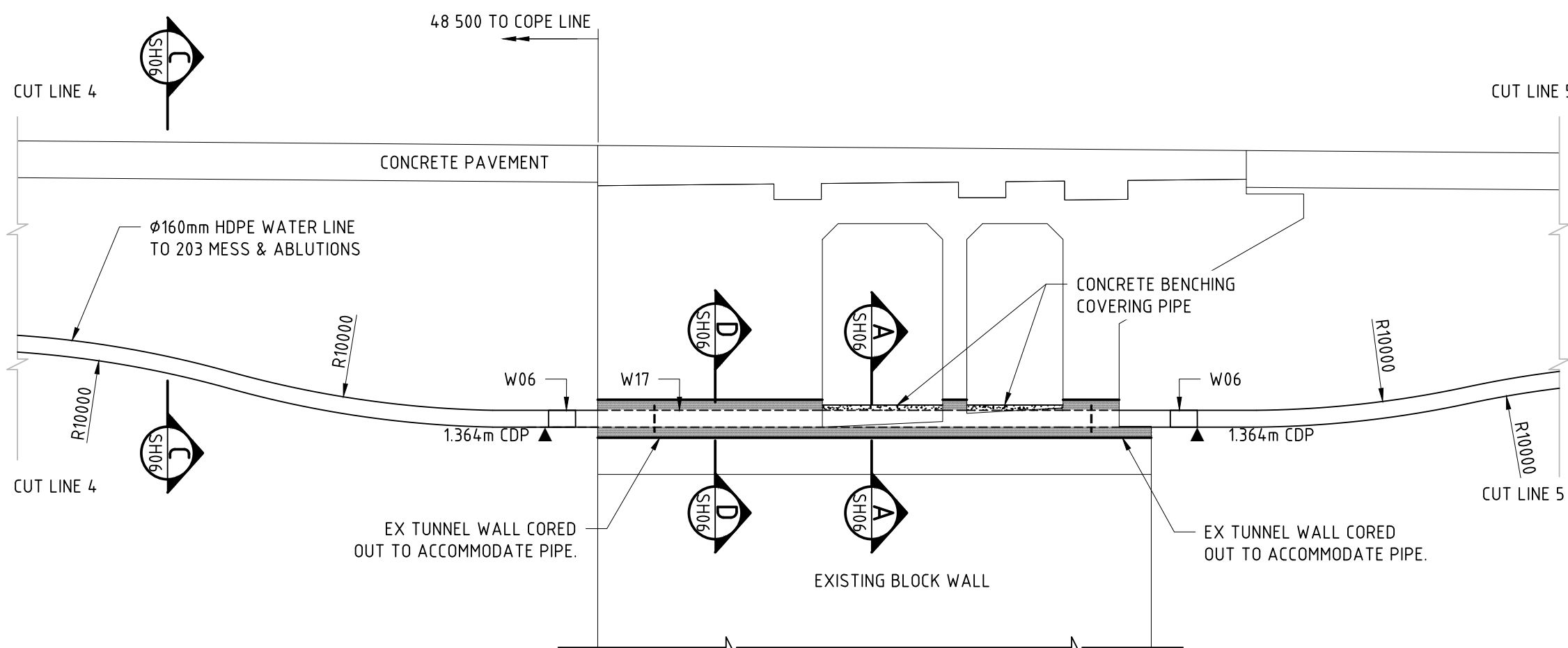


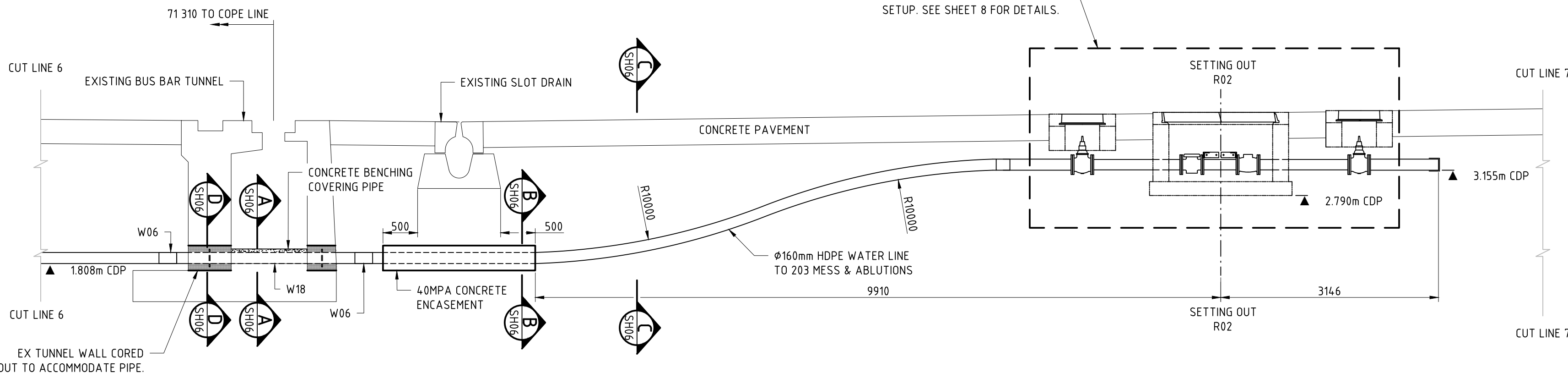
LONG SECTION: WATER SUPPLY TO 203 MESS & ABLUTIONS



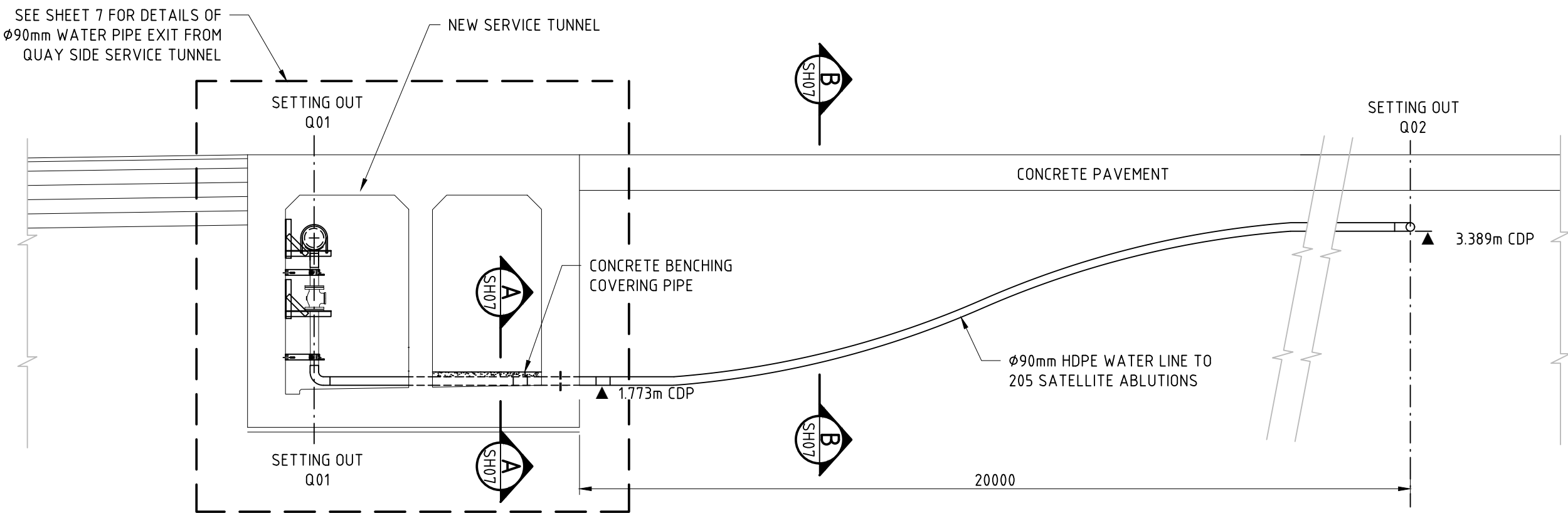
LONG SECTION: WATER SUPPLY TO 203 MESS & ABLUTIONS



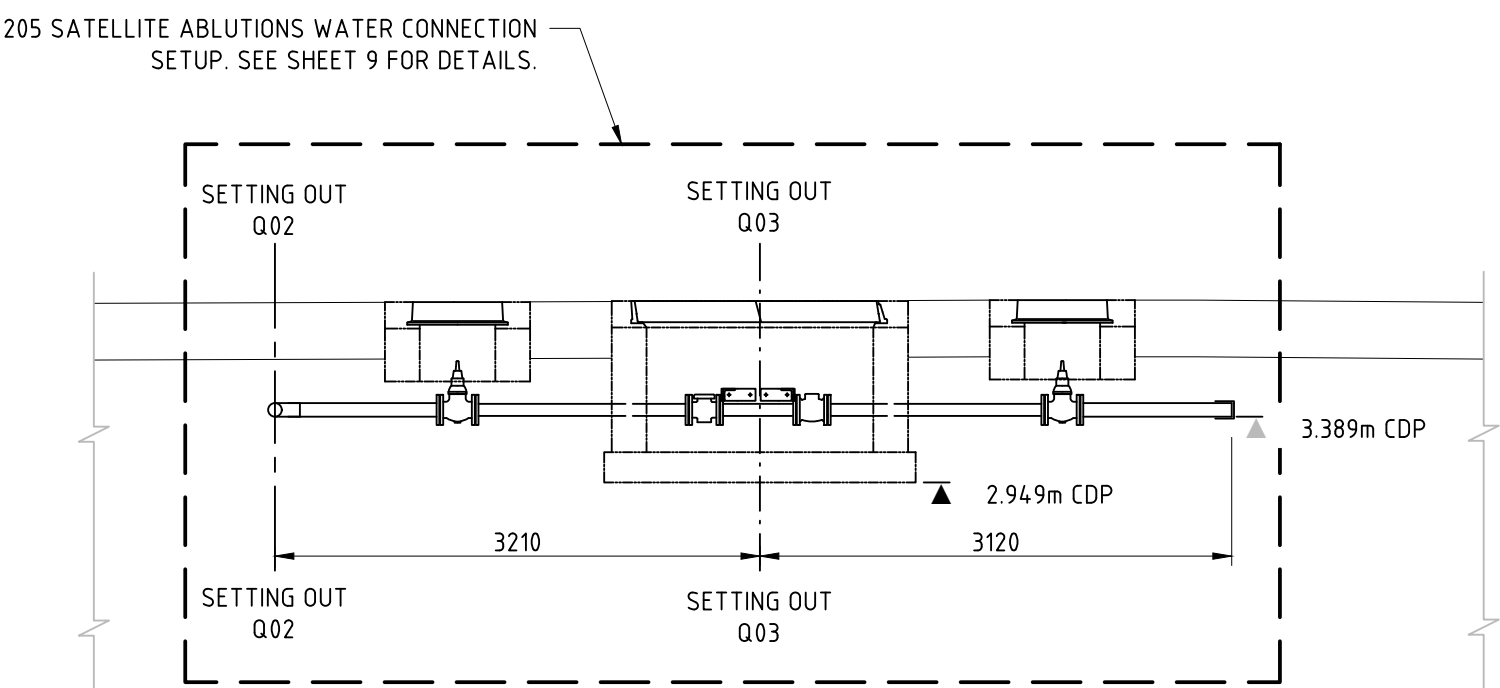
LONG SECTION: WATER SUPPLY TO 203 MESS & ABLUTIONS



LONG SECTION: WATER SUPPLY TO 203 MESS & ABLUTIONS



LONG SECTION: WATER SUPPLY TO 205 STAEELLITE ABLUTIONS



205 SATELLITE ABLUTIONS WATER SUPPLY CONNECTION

PIPEWORK FOR WATER LINE PASSING THROUGH THE EXISTING CAP & EXISTING BUS BAR TUNNEL

MARK	COMPONENT	NO. OF	DESCRIPTION
W06		4 **	160mm HDPE ELECTROFUSION COUPLING.
W17		1	160mm HDPE PIPE WITH TWO PUDDLE FLANGES. 5650mm LONG BOTH ENDS PLAIN.
W18		1	160mm HDPE PIPE WITH TWO PUDDLE FLANGES. 2575mm LONG BOTH ENDS PLAIN.

** QUANTITY ONLY APPLIES TO COUPLINGS FOR SPECIAL FITTINGS ONLY. STANDARD PIPE LENGTHS ARE TO BE SUPPLIED COMPLETE WITH COUPLINGS.

Engineers		EPCM CONSULTANT: TNPA		ORIGINATOR: ZAA		Transnet National Ports Authority	
		TITLE NAME SIGNATURE DATE		TITLE NAME SIGNATURE DATE		237 MAHATMA GANDHI ROAD	
P O Box 26546		LEAD DES. ENG. DC MC JZ 2019.07.26		DRAWN DC 19/07/26		DURBAN	
HOUT BAY 7872		ENG. COORD.		CHECKED MC 19/07/26		P.O. BOX 31683, DURBAN	
Tel: +27(21) 791 9100		ENG. MANAGER		ENG. COORD.		TEL: 031 361 8852	
E-Mail: zaaepna@zaaepna.com		AREA MANAGER		DISCIP. ENG.		PORT OF DURBAN	
31 Melkhout Crescent		PROJECT MGR.		ENG. MANAGER		DCT BERTHS 203 to 205 RECONSTRUCTION	
Hout Bay 7806		DIVISION		AREA MANAGER		DEEPENING AND LENGTHENING	
Fax: +27(21) 790 4470		DIV. TITLE NAME SIGNATURE DATE		PR.ENG. / PR.TECH.		WATER SUPPLY	
PROJECT NO DIS CODE AREA DISP TYPE DRG NO SHEET STATUS REV		NO. DESCRIPTION BY CHK'D APP'D DATE		NAME J. ZIETSMAN DATE		TYPICAL DETAILS	
1 7 8 5 - C 0 - 1 2 0 - C - D W G - 0 0 0 2 - 0 5 - T - 0 A		REVISIONS / ISSUE AUTHORIZATION		SIGNATURE 19/07/26		SHEET 5 OF 9	
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1 2 3 4 5 6 7 8		SCALE :		NOTED A1		2 1 2 2 8 3 0 - 1 - 1 2 0 - C - G A - 1 0 0 1 - 0 5 - 0 A DC	