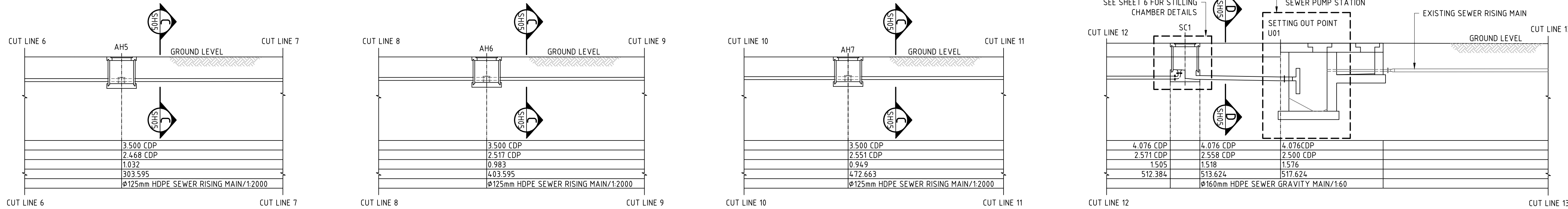


LONG SECTION: 205 SATELLITE ABLUTIONS SEWER LONG SECTION - SP2 TO AH4
1:100



LONG SECTION: SEWER RISING MAIN- AH5 TO U01
1:100

- NOTES:
- GENERAL
 - SEWER LINE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RELEVANT PARTS OF SANS 1200L AND SANS 1200 LD.
 - ALL TRENCHES ARE SHALL BE IN ACCORDANCE WITH SANS 1200 DB
 - ALL PIPE BEDDING IS SHALL BE IN ACCORDANCE WITH SANS 1200LB
 - HDPE PIPES
 - Ø125 HDPE PIPES SHALL BE PE 100 CLASS 10 WITH A STANDARD DIAMETER RATIO OF 11 IN ACCORDANCE WITH ISO 4427.
 - Ø125 HDPE PIPES SHALL BE JOINED TOGETHER BY ELECTROFUSION COUPLING IN ACCORDANCE WITH SANS 10286 PART 2.
 - COUPLINGS MAY NOT HAVE A PRESSURE RATING LOWER THAN THAT OF THE PIPES BEING JOINED TOGETHER.
 - Ø160mm HDPE DUCTS SHALL BE TYPE N 450 AND SHALL COMPLY WITH SANS 61386-24.
 - Ø160mm HDPE DUCTS SHALL BE JOINED TOGETHER WITH SLEEVE TYPE COUPLINGS.
 - PRECAST PROTECTION SLABS
 - PRECAST PROTECTION SLABS SHALL BE CONSTRUCTED WITH 40MPa CONCRETE.
 - PROTECTION SLABS SHALL BE REINFORCED WITH ONE ROW OF Y8 WELDED MESH REINFORCING WITH A PITCH OF 200mm.
 - THE COVER TO REINFORCEMENT SHALL BE 60mm.

Engineers		EPCM CONSULTANT: TNPA		ORIGINATOR: ZAA		Transnet National Ports Authority	
		TITLE NAME SIGNATURE DATE		TITLE NAME SIGNATURE DATE		237 MAHATMA GANDHI ROAD	
		LEAD DES. ENG. DRAWN DC 19/07/26		DRAWN DC 19/07/26		DURBAN	
		ENG. COORD. CHECKED MC/WVW 19/07/26		CHECKED MC/WVW 19/07/26		P.O. BOX 31683, DURBAN	
		ENG. MANAGER ENG. COORD.		ENG. COORD.		TEL: 031 361 8852	
		AREA MANAGER DISCIPL. ENG.		DISCIPL. ENG.		PORT OF DURBAN	
		PROJECT MGR. ENG. MANAGER		ENG. MANAGER		DCT BERTHS 203 to 205 RECONSTRUCTION	
		DIVISION		AREA MANAGER		DEEPENING AND LENGTHENING	
		NO. DESCRIPTION BY CHK'D APP'D JZ DATE 2019.07.26		PR.ENG. / PR.TECH. NAME J. ZIETSMAN DATE 19/07/26		SEWER	
		REVISIONS / ISSUE AUTHORIZATION		SIGNATURE 19/07/26		TYPICAL DETAILS	
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		PROJECT NO 1785 DIS CODE -CO- AREA 130 DISP -C- TYPE DWG DRG NO 0003 SHEET 04 STATUS T REV 0A		SCALE : AS NOTED		PROJECT NUMBER 2122830 DV 1 FBS 130 DIS -C- TYPE G/A DRG NO 1002 SHT. 04 REV. 0A ID DC	
REFERENCE DRAWINGS							