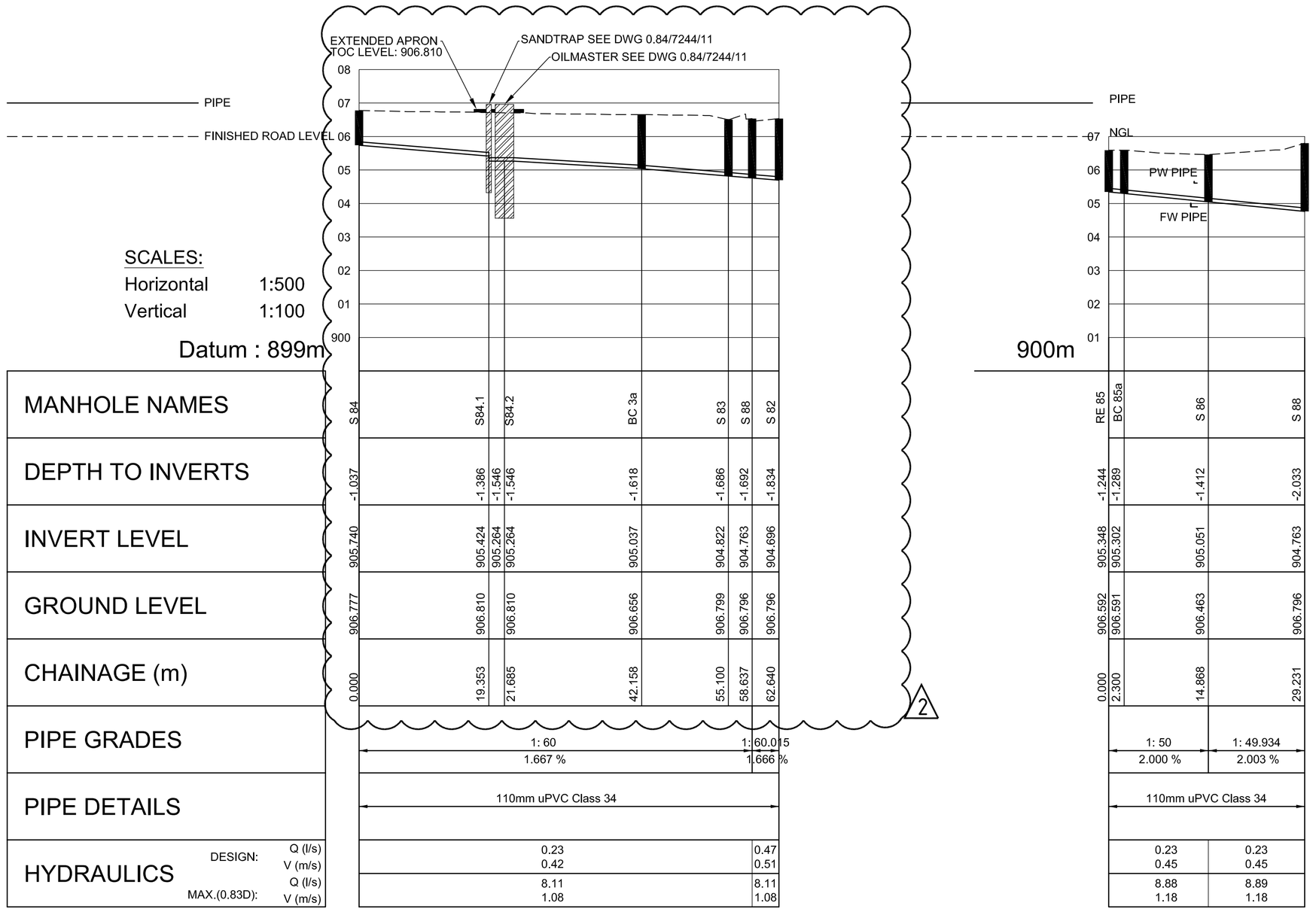
ASH DUMP BUILDING



SCALES:
Horizontal 1:500
Vertical 1:100

Datum : 899m

MANHOLE NAMES	S84	S84.1	S84.2	BC 3a	S 83	S 88	S 82
DEPTH TO INVERTS	-1.037	-1.386	-1.546	-1.546	-1.618	-1.686	-1.692	-1.834
INVERT LEVEL	905.740	905.424	905.264	905.264	905.037	904.822	904.763	904.696
GROUND LEVEL	906.777	906.810	906.810	906.656	906.799	906.796	906.796
CHAINAGE (m)	0.000	19.353	21.685	42.158	55.100	58.637	62.640
PIPE GRADES		1: 60			1: 60.015	
		1.667 %			1.666 %	
PIPE DETAILS		110mm uPVC Class 34				
HYDRAULICS DESIGN: Q (l/s)		0.23				0.47
HYDRAULICS DESIGN: V (m/s)		0.42				0.51
HYDRAULICS MAX.(0.83D): Q (l/s)		8.11				8.11
HYDRAULICS MAX.(0.83D): V (m/s)		1.08				1.08

S 87 - S 82

MANHOLE NAMES	RE 85	BC 85a	S 86	S 88
DEPTH TO INVERTS	-1.244	-1.289	-1.412	-2.033
INVERT LEVEL	905.348	905.302	905.051	904.763
GROUND LEVEL	906.592	906.591	906.463	906.796
CHAINAGE (m)	0.000	2.300	14.868	29.231
PIPE GRADES		1: 50		1: 49.934
		2.000 %		2.003 %
PIPE DETAILS		110mm uPVC Class 34		
HYDRAULICS DESIGN: Q (l/s)		0.23		0.23
HYDRAULICS DESIGN: V (m/s)		0.45		0.45
HYDRAULICS MAX.(0.83D): Q (l/s)		8.88		8.89
HYDRAULICS MAX.(0.83D): V (m/s)		1.18		1.18

RE 85 - S 88

FOR CONSTRUCTION

KKS CODE: 00UGM 2

REV	DATE	DESCRIPTION	DRN BY	CHKD BY	AUTH BY	KKS APP	REFERENCE DRAWINGS
						0.84/7244/11	OILMASTER DETAIL
						0.84/7244/4	TYPICAL SEW DETAILS: 3 OF 3
2	20/03/2015	OILMASTER RELOCATED KKS CODE ADDED, TITLEBLOCK AMENDED	DM	CM	CM	0.84/7244/3	TYPICAL SEW DETAILS: 2 OF 3
1	14/11/2012	SANDTRAP & OILMASTER POSITIONS INCLUDED MANHOLE S87 CANCELLED, TITLEBLOCK INFORMATION AMMENDED	PN	CM	LJ	0.84/7244/2	TYPICAL SEW DETAILS: 1 OF 3
						0.84/7244/9	ASH DUMP BLG CONSERVANCY TANK
0	12/06/2012	ISSUED FOR CONSTRUCTION, S87 CANCELLED	PN	DE	LJ	0.84/7256/7	ASH DUMP BLG SEWER LAYOUT

** REVISION **
INDEX REFERENCE:

DRG REGISTER		AUTHORISED FOR REVISION	DATE
DESIGN APPROVED	12/11/2012	CM	FC VENTER 2	20/03/2015
KKS APP			
DO AUTH	12/06/2012	CM	
CHKD BY	12/06/2012	CM	
DRAWN BY	12/06/2012	PN	
SCALE	AS SHOWN		

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MEDUPI POWER STATION
ASH DUMP BUILDING
SEWER LONG SECTION

14031 - C - 450

Eskom

0.84 / 7256

SHEET 8 REV 2

SIZE GROOTTE A1L