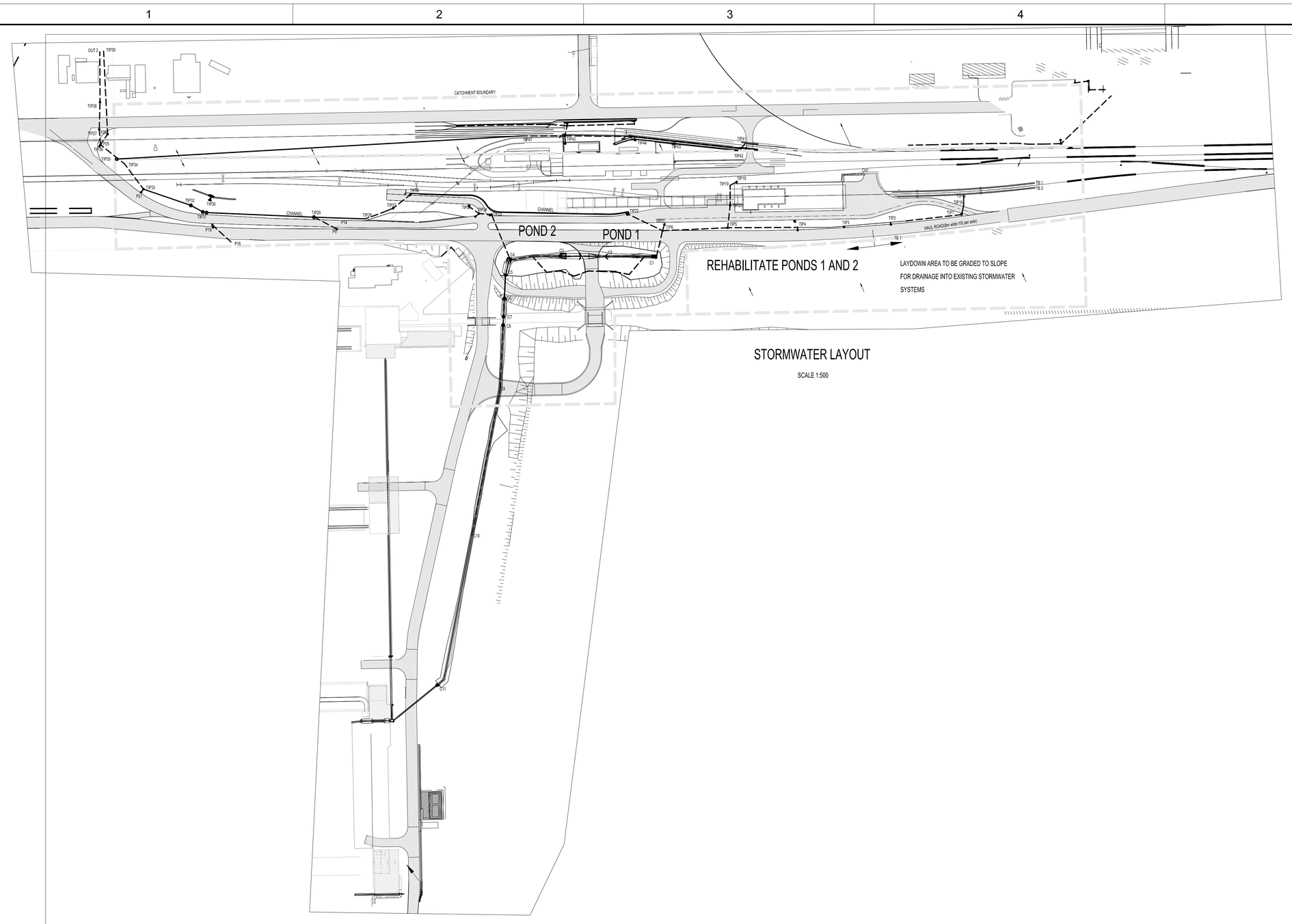
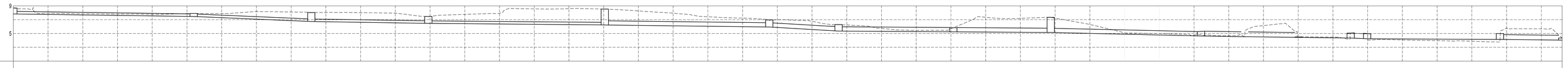


STORMWATER LAYOUT

SCALE 1:500

HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:500

DATUM 1.000



CHAINAGE	0.000	51.937	85.377	119.068	169.890	217.710	237.654	270.687	298.440	300.00	354.598	399.673	395.442	399.790	438.287	445.329
GROUND LEVEL	8.662	7.995	6.992	6.538	6.844	6.699	6.295	5.840	7.364	4.865	4.580	4.495	5.051	4.978	5.400	4.640
MANHOLE NAME	TIP1	TIP2	TIP3	TIP4	TIP5	TIP6	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
INLET / OUTLET	7.870	7.500 7.500	6.770 6.770	6.500 6.500	6.280 6.280	6.000 6.000	5.410 5.410	5.300 5.300	5.200 5.200	4.700 4.700	4.600 4.600	4.500 4.500	4.400 4.400	4.300 4.300	4.200 4.200	4.100 4.100
HYDRAULIC ELEVATION	8.265	7.880	7.097	6.851	6.844	7.089	6.038	5.796	5.702	5.279	5.170	5.088	5.118	4.964	4.702	4.710
LENGTH		51.937 m	33.875 m	33.694 m	50.822 m	47.357 m	19.969 m	33.033 m	28.056 m	43.253 m	12.602 m	15.478 m	15.049 m	4.741 m	38.232 m	17.917 m
LINK TYPE / LINK SIZE		CONCRETE PIPE DIAMETER 300mm				CONCRETE PIPE DIAMETER 525mm		POND INVERT BOTTOM	CONCRETE PIPE DIAMETER 525mm	POND INVERT BOTTOM	CONCTRETE OPEN CHANEL					
SLOPE		0.712 %	2.155 %	0.801 %	0.433 %	0.591 %	2.955 %	0.333 %	0.356 %	1.156 %	0.794 %	0.646 %	0.664 %	2.109 %	0.262 %	0.558 %
FLOW CAPACITY		0.080 m³/s 0.080 m³/s	0.080 m³/s 0.139 m³/s	0.081 m³/s 0.085 m³/s	0.063 m³/s 0.063 m³/s	0.313 m³/s 0.313 m³/s	0.572 m³/s 0.699 m³/s	0.234 m³/s 0.234 m³/s	0.234 m³/s 0.243 m³/s	0.235 m³/s 0.437 m³/s	0.362 m³/s 0.511 m³/s	0.361 m³/s 0.461 m³/s	0.360 m³/s 0.468 m³/s	0.359 m³/s 0.834 m³/s	0.293 m³/s 0.293 m³/s	0.293 m³/s 0.429 m³/s
VELOCITY		1.306 m/s	2.072 m/s	1.386 m/s	1.021 m/s	1.716 m/s	3.756 m/s	1.286 m/s	1.332 m/s	2.145 m/s	2.062 m/s	1.898 m/s	1.918 m/s	2.986 m/s	1.244 m/s	1.719 m/s

TIP1 TO C10

DRAWING NO.	REFERENCE
-	-

REFERENCE DRAWINGS

NOTES

1. DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.

2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND LEVELS ON THE SITE AND NOTIFY THE NEC SUPERVISOR OF ANY VARIATIONS BEFORE CONSTRUCTION.

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
OA	ISSUED FOR TENDER	CN			12-12-2017

REVISIONS

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CONTRACTOR / CONSULTANT

TITLE	NAME	SIGN	DATE

OPERATING DIVISIONS

TITLE	NAME	SIGN	DATE

TRANSNET CAPITAL PROJECTS

TITLE	NAME	SIGN	DATE
DRAWN	CN		12 12 2017
CHECKED	CN		12 12 2017
DESIGNED	CN		12 12 2017
CHECKED	CN		12 12 2017

Pr. Eng. / Pr.Tech. Eng.

NAME	M. MALAPANE	DATE
SIGNATURE		12 12 2017
REG. NUMBER	20150383	
SCALE :	1:500	

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TRANSNET

SALDANHA STORMWATER MANAGEMENT

TIPPLER AREA

PLAN, AND STORMWATER LONG SECTION

LAYOUT

PROJECT NUMBER														CO	FBS	DIS	TYPE	DRAWING NO.						SHEET		REV	ID
1	2	2	6	5	5	1	-	2	-	0	0	1	-	C	-	L	A	-	0	0	0	1	-	0	3	O A	CN