

EXISTING STORM WATER DRAINAGE FOR POND 5

Change	Ground Level	Manhole Name	Inlet / Outlet	Hydraulic Elevation	Length	Link Type / Link Size	Slope	Flow Capacity	Velocity
SM42	3.075	SM42	SM43	2.985	106.656 m	EXISTING CHANNEL IS ADEQUATE	0.500 %	0.657 m/s	0.657 m/s
SM43	3.075	SM43	SM44	2.985	43.580 m	EXISTING CHANNEL IS ADEQUATE	2.484 %	0.567 m/s	1.129 m/s
SM44	3.075	SM44	SM45	2.985	9.884 m	EXISTING CHANNEL IS ADEQUATE	0.500 %	0.566 m/s	0.656 m/s

STORM WATER DRAINAGE FOR POND 6

Change	Ground Level	Manhole Name	Inlet / Outlet	Hydraulic Elevation	Length	Link Type / Link Size	Slope	Flow Capacity	Velocity
SM56	2.985	SM56	SM57	2.895	8.961 m	Drains	0.788 %	0.189 m/s	0.189 m/s
SM57	2.985	SM57	SM58	2.895	2.185 m	Open Drain	0.788 %	0.189 m/s	0.189 m/s

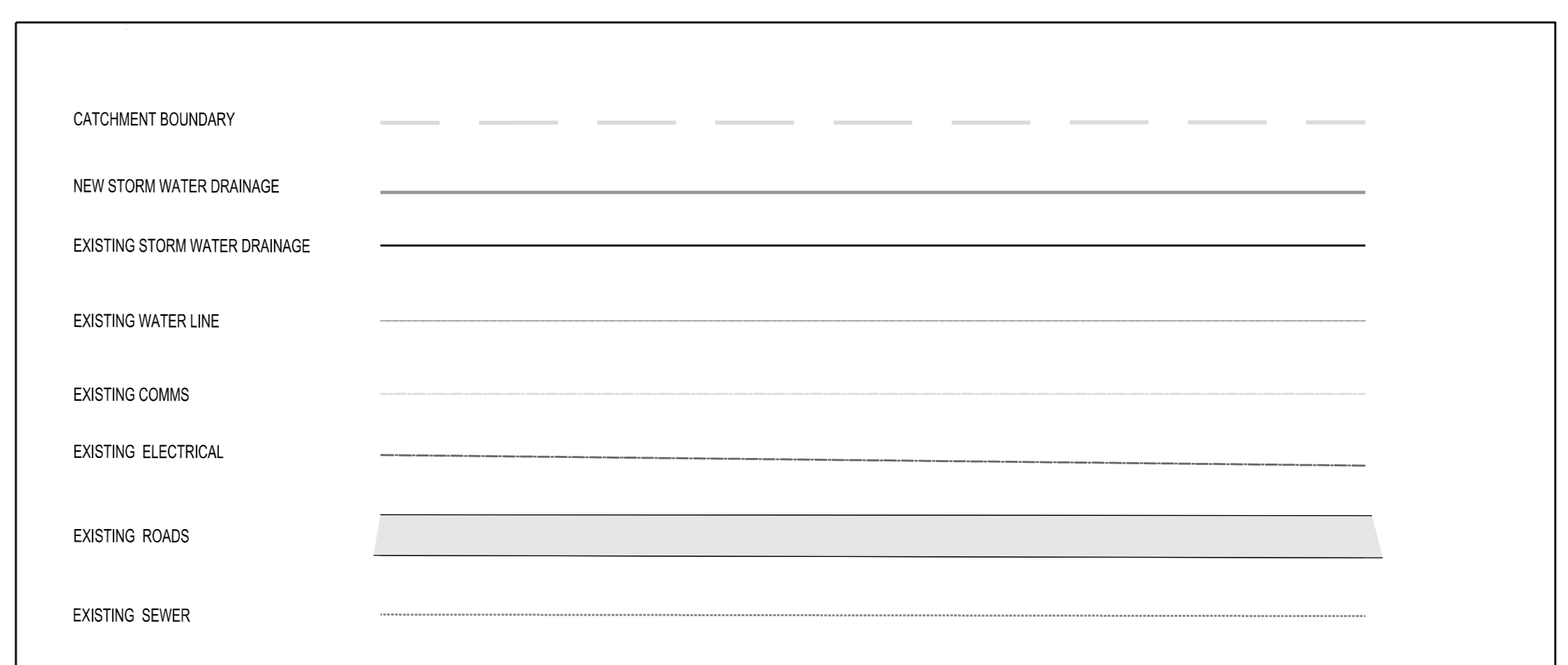
SM51 TO SM56

Change	Ground Level	Manhole Name	Inlet / Outlet	Hydraulic Elevation	Length	Link Type / Link Size	Slope	Flow Capacity	Velocity
SM51	3.011	SM51	SM52	2.921	189.578 m	EXISTING CHANNEL IS ADEQUATE	CLEAN TO INVERT LEVEL	0.381 m/s	0.132 m/s
SM52	3.011	SM52	SM53	2.921	19.829 m	EXISTING CHANNEL IS ADEQUATE	CLEAN TO INVERT LEVEL	0.823 m/s	0.133 m/s
SM53	3.011	SM53	SM54	2.921	43.359 m	EXISTING CHANNEL IS ADEQUATE	CLEAN TO INVERT LEVEL	0.778 m/s	0.129 m/s

EXISTING STORM WATER DRAINAGE FOR POND 4

Change	Ground Level	Manhole Name	Inlet / Outlet	Hydraulic Elevation	Length	Link Type / Link Size	Slope	Flow Capacity	Velocity
SM54	2.895	SM54	SM55	2.805	261.976 m	EXISTING CHANNEL IS ADEQUATE	CLEAN TO INVERT LEVEL	0.798 m/s	0.218 m/s
SM55	2.895	SM55	SM56	2.805	28.880 m	EXISTING CHANNEL IS ADEQUATE	CLEAN TO INVERT LEVEL	0.816 m/s	0.231 m/s
SM56	2.895	SM56	SM57	2.805	17.977 m	EXISTING CHANNEL IS ADEQUATE	CLEAN TO INVERT LEVEL	0.846 m/s	0.236 m/s

SM54 TO SM57  
LEGEND:



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.

DRAWING NO.	REFERENCE
1	REFERENCE DRAWINGS

CONTRACTOR / CONSULTANT				TRANSCAP PROJECTS				SALDANHA STORMWATER MANAGEMENT			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
ISSUED FOR SQUAD CHECK	MM	MM	13/12/2017	DRAWN	KM	[Signature]	13 12 17	DESIGNED	KM	[Signature]	13 12 17
BY	CHKD	APPD	DATE	CHECKED	CN	[Signature]	13 12 17	CHECKED	CN	[Signature]	13 12 17

REG. NUMBER: 20150383  
SCALE: AS SHOWN

Transnet Capital Projects  
150 COMMISSIONER STREET  
JONHAKESBURG 3001  
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SALDANHA STORMWATER MANAGEMENT  
SALDANHA PORT - DRAINAGE  
STORM WATER LAYOUT AND LONG SECTION FOR POND 3 TO POND 6

PROJECT NUMBER: A012265512  
DD: 2  
FBS: 0  
DIS: 0  
TYPE: C  
DRAWING NO: LA  
SHEET: 04  
REV: 04  
ID: KM