



LAYOUT PLAN
SCALE 1:7

LEGEND - SERVICES		
PROPOSED	EXISTING	DESCRIPTION
		STORMWATER MANHOLE/PIPE
		STORMWATER CATCHPI/PIPE
		SEWER MANHOLE/PIPE
		EFFLUENT MANHOLE/PIPE
		FIRE HYDRANT
		CABLE DUCTS
		ELECTRICAL DUCTS
		WATERMAIN
		STEEL PALISADE FENCE
		CONCRETE RETAINING STRUCTURE
		CONCRETE ROAD
		EARTH BANKS
		ELECTRICAL SERVITUDE

ABBREVIATIONS	
MH	= MANHOLE
LP	= ELECTRICAL LIGHT POLE
HL	= HIGH MAST LIGHT
EX	= EXISTING
SM	= SEWER MARKS
SW	= STORMWATER
EF	= EFFLUENT
FH	= FIRE HYDRANT
Y	= WATERMAIN VALVE
MP	= WHITE MAST POLE
CS	= CABLE M/R
RE	= RESERVING EYE
SB	= SIGN BOARD

DN - HARBOUR MASTER	DN - FINANCIAL MANAGER
DN - RISK MANAGER	DN - ENVIRONMENTAL MANAGER
DN - SECURITY MANAGER	DN - PROPERTY MANAGER
DN - CORPORATE AFFAIRS MANAGER	DN - MARINE OPERATIONS MANAGER
DN - MARKETING MANAGER	DN - CHIEF FIRE OFFICER

FOR APPROVAL		

TRANSNET
national ports authority

PROJECT / AREA / ASSET / SUBJECT
PORT OF RICHARDS BAY

DRAWING TITLE
UPGRADE OF HELIPAD INFRASTRUCTURE PROPOSED LAYOUT

DATE	2021-12-17	CIVIL ENGINEER	ANDILE MOKGOSWE
SCALE	AS SHOWN	DESIGNER	
DESIGNED BY	AM	SENIOR CIVIL ENGINEER	HAARIYA MAHOMED PR. 20200101
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