

CLIENT APPROVAL	NAME:	SIGNATURE:
ENGINEERS APPROVAL	NAME: ANDREW DALLY	SIGNATURE:
DESIGNED BY	NAME: CHANEL SCHOEMAN	SIGNATURE:

3	DRAFT FOR TPEC	AD	18/11/2022
2	FOR TENDER APPROVAL	AD	08/11/2022
1	UPDATED FOR DETAILED DESIGN REPORT REV	RS	11/08/2022
0	FIRST ISSUE	RS	01/08/2022
rev:	description:	by:	date:

TENDER

UPGRADE OF THE FIRE BOOSTER PUMP STATION AT GEORGE AIRPORT

2852. BPA #: 7972



TUSK

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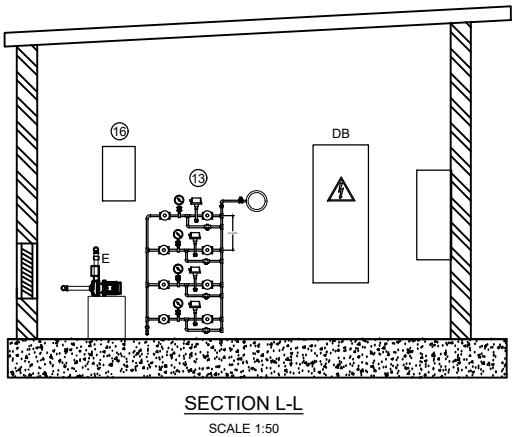
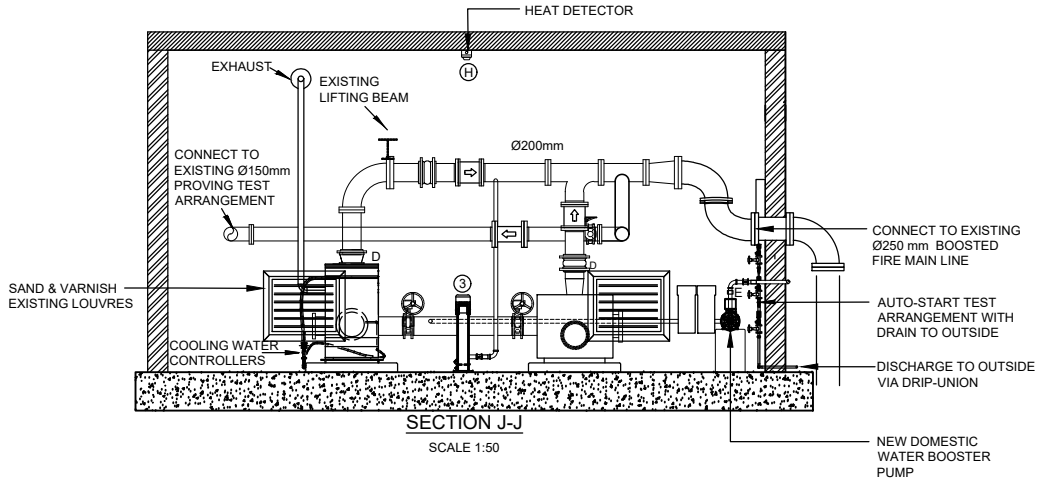
MECHANICAL

FIRE BOOSTER PUMP STATION PLANTROOM LAYOUT & SECTIONS

discipline:	scale:	date:
C SCHOEMAN	C SCHOEMAN	AN DALLY
design:	drawn:	checked:

project: PS2014 2022	dwg no: M-002	rev: 3
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EQUIPMENT SCHEDULE		
ITEM	DESCRIPTION	QTY
1	DIESEL DRIVEN FIRE PUMP SET (2500 l/min @800kPa)	1
2	ELECTRIC FIRE PUMP SET (2500 l/min @800kPa)	1
3	JOCKEY PUMP AND MOTOR (40 l/min @800kPa) (VSD CONTROLLED)	1
4	DOMESTIC WATER BOOSTER PUMP (1 l/s, 40m HEAD) WITH INTEGRATED SPEED CONTROL	1
5	DIESEL CONTROLLER	1
6	ELECTRIC CONTROLLER	1
7	JOCKEY CONTROLLER 1	1
8	RUN & STANDBY FILTER STATION	1
9	SKID BASE	2
10	D.B. BOARD	1
11	FUEL TANK	1
12	WALL MOUNTED EXTRACT AIR FAN COMPLETE WITH PLASTIC LOUVRE SHUTTER & WEATHER COWL (500l/s @50Pa) - ONE NEW, ONE FREE ISSUE FROM CLIENT	2
13	4 TIER AUTO STARTER ARRANGEMENT	1
14	EXISTING PRESSURE RELIEF VALVE	1
15	SINGLE LOOP ANALOGUE ADDRESSABLE FIRE ALARM PANEL	1
16	RESERVOIR LEVEL CONTROL PANEL	1



GAUGES LEGEND	
A	SUCTION COMPOUND
B	DELIVERY PRESSURE GAUGE
C	ECCENTRIC SUCTION TAPER
D	CONCENTRIC DELIVERY TAPER
E	ISOLATING VALVE
F	PRESSURE GAUGE

