OUTDOOR UNIT SCHEDULE:	
CU 1:	
MAKE	: TO BE SPECIFIED BY CONTRACTOR
MODEL NUMBER	: TO BE SPECIFIED BY CONTRACTOR
QUANTITY	: 1
FLOWRATE	: 58 m3/min
COMPRESSOR TYPE	: TWIN ROTARY
INPUT POWER	: 7.22 kW
POWER SUPPLY	: 220V / 1PH / 50Hz
WEIGHT	: 56.1 kg
PIPING CONNECTION	: 9.52 - 15.88
PIPE LENGTH	: 50 m (max)
PIPING ELEVATION DIFFERENCE	: 30 m
CU 2:	
MAKE	: TO BE SPECIFIED BY CONTRACTOR
MODEL NUMBER	: TO BE SPECIFIED BY CONTRACTOR
QUANTITY	: 1
FLOWRATE	: 90 m3/min
COMPRESSOR TYPE	: TWIN ROTARY
INPUT POWER	: 11 kW
POWER SUPPLY	: 400V / 3PH / 50Hz
WEIGHT	: 83 kg
PIPING CONNECTION	: 9.52 - 15.88
PIPE LENGTH	: 50 m (max)
PIPING ELEVATION DIFFERENCE	: 30 m

INDOOR UNIT SCHEDULE:	
AC 1:	
MAKE	: TO BE SPECIFIED BY CONTRACTOR
MODEL NUMBER	: TO BE SPECIFIED BY CONTRACTOR
QUANTITY	: 1
FLOWRATE	: 17 m3/min
COOLING CAPACITY	: 6.0 kW
INPUT POWER	: 2.0 kW
POWER SUPPLY	: 220V / 1PH / 50Hz
POWER FACTOR	: 0
WEIGHT	: 5 kg
DIMENSIONS	: 840 x 204 x 840 mm
TYPE	: CASSETTE UNIT
AC 2:	
MAKE	: TO BE SPECIFIED BY CONTRACTOR
MODEL NUMBER	: TO BE SPECIFIED BY CONTRACTOR
QUANTITY	: 1
FLOWRATE	: 24 m3/min
COOLING CAPACITY	: 11 kW
INPUT POWER	: 3.0 kW
POWER SUPPLY	: 220V / 1PH / 50Hz
POWER FACTOR	: 0
WEIGHT	: 5 kg
DIMENSIONS	: 840 x 204 x 840 mm
TYPE	: CASSETTE UNIT

FAN SCHEDULE:	
FAN 4:	
MAKE	: TO BE SPECIFIED BY CONTRACTOR
MODEL NUMBER	: TO BE SPECIFIED BY CONTRACTOR
QUANTITY	: 1
FLOWRATE	: 467 L/s
WALL OPENING	: 320 mm
RATED POWER	: 310 W
POWER SUPPLY	: 220V / 1PH / 50Hz
POWER FACTOR	: 0
WEIGHT	: 6.6 kg
AIR TEMPERATURE	: 20 DEGREE CELSIUS
TYPE	: FLOOR MOUNTED
FAN 5:	
MAKE	: TO BE SPECIFIED BY CONTRACTOR
MODEL NUMBER	: TO BE SPECIFIED BY CONTRACTOR
QUANTITY	: 1
FLOWRATE	: 221 L/s
WALL OPENING	: 154 mm
RATED POWER	: 134 W
POWER SUPPLY	: 220V / 1PH / 50Hz
POWER FACTOR	: 0
WEIGHT	: 6 kg
AIR TEMPERATURE	: 20 DEGREE CELSIUS
TYPE	: WALL MOUNTED
FAN 6:	
MAKE	: TO BE SPECIFIED BY CONTRACTOR
MODEL NUMBER	: TO BE SPECIFIED BY CONTRACTOR
QUANTITY	: 1
FLOWRATE	: 153 L/s
WALL OPENING	: 213 mm
RATED POWER	: 60 W
POWER SUPPLY	: 220V / 1PH / 50Hz
POWER FACTOR	: 0
WEIGHT	: 5.2 kg
AIR TEMPERATURE	: 20 DEGREE CELSIUS
TYPE	: WALL MOUNTED

FAN SCHEDULE:	
FAN 1:	
MAKE	: TO BE SPECIFIED BY CONTRACTOR
MODEL NUMBER	: TO BE SPECIFIED BY CONTRACTOR
QUANTITY	: 1
FLOWRATE	: 429 L/s
WALL OPENING	: 324 mm
RATED POWER	: 85 W
POWER SUPPLY	: 220V / 1PH / 50Hz
POWER FACTOR	: 0
WEIGHT	: 7.9 kg
AIR TEMPERATURE	: 20 DEGREE CELSIUS
TYPE	: WALL MOUNTED
FAN 2:	
MAKE	: TO BE SPECIFIED BY CONTRACTOR
MODEL NUMBER	: TO BE SPECIFIED BY CONTRACTOR
QUANTITY	: 2
FLOWRATE	: 171 L/s
WALL OPENING	: 224 mm
RATED POWER	: 41 W
POWER SUPPLY	: 220V / 1PH / 50Hz
POWER FACTOR	: 0
WEIGHT	: 4 kg
AIR TEMPERATURE	: 20 DEGREE CELSIUS
TYPE	: WALL MOUNTED
FAN 3:	
MAKE	: TO BE SPECIFIED BY CONTRACTOR
MODEL NUMBER	: TO BE SPECIFIED BY CONTRACTOR
QUANTITY	: 1
FLOWRATE	: 74 L/s
WALL OPENING	: 184 mm
RATED POWER	: 30 W
POWER SUPPLY	: 220V / 1PH / 50Hz
POWER FACTOR	: 0
WEIGHT	: 4 kg
AIR TEMPERATURE	: 20 DEGREE CELSIUS
TYPE	: WALL MOUNTED

NOTES:

NOTE 1: REMOVE AND REPLACE EXISTING GX9 EXTRACTOR FAN WITH NEW GX9 EXTRACTOR FAN.

NOTE 2: REMOVE AND REPLACE EXISTING GX12 EXTRACTOR FAN WITH NEW GX12 EXTRACTOR FAN

NOTE 3: REMOVE AND REPLACE EXISTING GX6 EXTRACTOR FAN WITH NEW GX6 EXTRACTOR FAN

NOTE 4: RETURN EXISTING EXTRACTOR FANS TO THE PROJECT MANAGER.

NOTE 5: ALL EXTRACTOR FAN TO BE FITTED WITH FILTERS.

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.
3. SETTING OUT SHOULD BE DONE USING CIVIL ENGINEER'S DRAWINGS.
4. STRUCTURAL COMPONENTS SHOULD BE DONE USING STRUCTURAL ENGINEER'S DRAWINGS.
5. BUILDING WORKS SHOULD CONFORM WITH SANS 10400 STANDARDS AND THE ARCHITECTURAL SPECIFICATION ATTACHED.

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
OA	ISSUED FOR TENDER	PV	CK	PV	18-09-25

REVISIONS

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INFRA DESIGN ENGINEERING		
TITLE	NAME	DATE
ARCH LEAD		
ARCH DESIGN LEAD		
DRAWN		
CHECKED		
APPROVALS		
TITLE	NAME	DATE

TRANSNET				
TITLE	NAME		DATE	
DRAWN	PV	SU	18	09 25
CHECKED	CK		18	09 25
DESIGN LEAD	PV	SU	18	09 25
CHECKED	CK		18	09 25
DISCIP. LEAD.				
CHECKED				
CHECKED				
PR.ARCH / PR.ARCH.TECH.				
NAME	PHUMLANI KHAZI		DATE	
SIGNATURE			18	09 25
REG. NUMBER	2019300435			
SCALE :	NOTED		A0	

Transcribe National Ports Authority
(TRADING AS TRANSNET PROJECTS) : REG. NO. 1990/000909/30
237 MAHATMA GANDHI ROAD
POINT
DURBAN
TRANSNET LTD
TEL. 031 361 1652
FAX. 031 361 1781

PORT OF DURBAN

TRANSNET NATIONAL PORT AUTHORITY
QUEENS WAREHOUSE UPDRAGE
FIRST FLOOR
HVAC LAYOUT

PROJECT NUMBER	BU	FBS	DIS.	TYPE	DRG. NO.	SHT.	REV.	ID
XDNE03715	00	M	LA	0003	01	OA	TD	