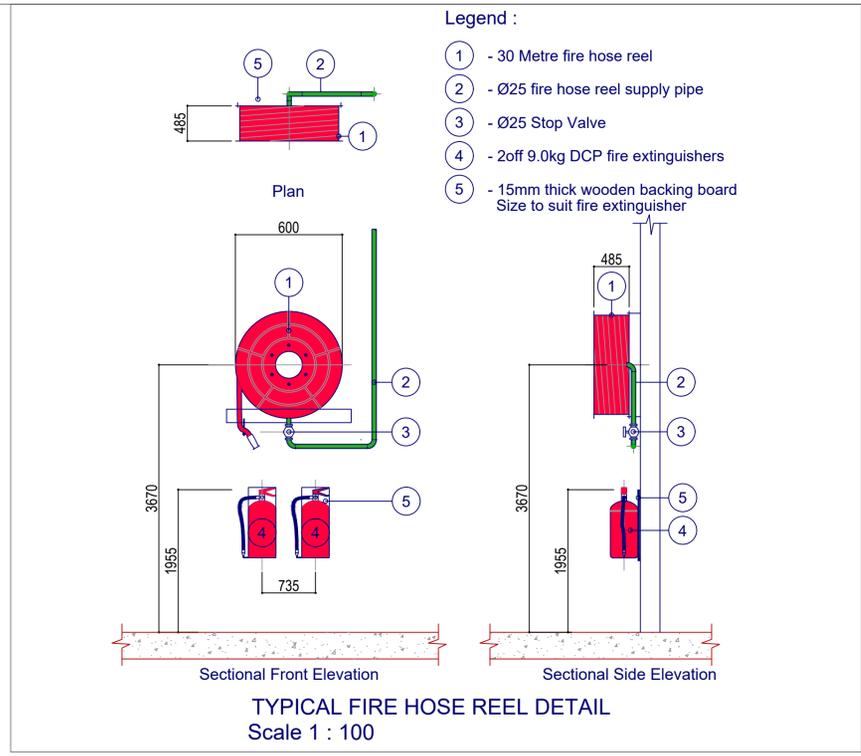


Mechanical Equipment Schedule						
Mark	Description	Geometric Area	Coefficient Of Discharge	Aerodynamic Free Area	Geometric Throat Dimension	Overall Ventilator Dimensions
CLV 1	Louvred Ventilator	2,97m²	0.62	1,84m²	1930Wx1540L	2400Wx2120L
						8

Fire Equipment Amounts:
 30m Fire Hose Reel - 3
 4.5Kg Dry Chemical Powder - 6
 2400x1870 Louvred Ventilator - 8
 5Kg CO2 Extinguisher - 2
 Fire Blanket - 2

Signage Legend:

Double Sided: All signs to be 190mm x 190mm photo - luminescent, with white back ground



GENERAL FIRE NOTES: OCCUPANCY - A3

- FIRE HOSE REEL:**
HOSE REEL TO BE INSTALLED TO POSITION AS INDICATED TO FED BY 25mm DIAMETER PIPE CONNECTED TO 100mm DIAMETER HYDRANT MAIN AND TO BE INSTALLED WITH SANS 543 AND 4,34.
- PORTABLE FIRE EXTINGUISHERS**
4.5 KG DRY CHEMICAL POWDER FIRE EXTINGUISHERS TO BE INSTALLED AS PER PLAN SECURELY TO WALLS OR PURPOSE MADE BOARDS OR FRAMES, ALL FIRE EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE WITH SANS 0105 AND 4.37.
- FIRE EXITS:**
ESCAPE DOORS TO BE IN A PROMINENT POSITION AS INDICATED ON PLAN. TIMBER FRAMED, LEDGED AND BATTENED DOORS TO ALL EXTERNAL PARTS OF BUILDING ESCAPE DOORS MAY ONLY BE FITTED WITH APPROVED LOCKING DEVICES (NO KEYS).
- SIGNAGE**
ALL FIRE FIGHTING EQUIPMENT AND FIRE EXISTS TO BE CLEARLY MARKED WITH PHOTOLUMINESCENCE SYMBOLIC SIGNAGE, AND TO BE SECURELY MOUNTED WITH SUITABLE FIXING METHODS (NO ADHESIVE) TO BE INSTALLED IN ACCORDANCE WITH SANS 1186.
- ALL WORK TO COMPLY AND TO BE CARRIED OUT TO SANS 10400 OF 2011
- BUILDING AND PROPERTY TO COMPLY WITH SANS 10400 4.55
- ALL STRUCTURAL ELEMENTS AND COMPONENTS TO COMPLY TO SANS 10400 4.7
- FIRE HYDRANT TO COMPLY TO SANS 10400 AND PIPE WORK TO COMPLY TO SANS 10400 PART W.
- ALL FIRE WATER RETICULATION TO BE TESTED BY THE FIRE DEPARTMENT AND WATER DEPARTMENT
- INSULATION TO COMPLY TO SANS 0428
- VENTILATION TO COMPLY TO SANS 4.42
- FIRE DOORS TO COMPLY WITH SANS 1253
- FLOOR COVERING TO COMPLY WITH 4.14 AND TO BE CLASS 3 OR LOWER
- WALL COVERINGS TO COMPLY WITH 4.15 AND TO BE CLASS 3 OR LOWER
- MIN 1.5m ESCAPE ROUTE

LEGEND

- - - UNDERGROUND FIRE PIPEWORK
- 30m FIRE HOSE REEL
- 4.5 kg DCP FIRE EXTINGUISHER
- 5 kg CO2 FIRE EXTINGUISHER
- 60min FIRE RATED WALL
- CLASS A - 30min FIRE RATED DOOR

FOR TENDER

REV.	DATE	DESCRIPTION	ISSUED BY	APPR. BY	SIGNATURE
A	22-02-19	ISSUED FOR TENDER	JM	KH	
B	15-07-20	ISSUED FOR INFORMATION	JM	KH	
C	14-06-21	ISSUED FOR TENDER	JM	KH	
D	11-08-21	ISSUED FOR CONSTRUCTION	JM	KH	
E	01-10-21	ISSUED FOR TENDER	JM	KH	

Signage Note:

Any building that has emergency routes or escape routes shall be clearly marked and signposted to indicate the direction of travel in the case of an emergency.

All exits will be marked by an approved sign readily visible from any direction of exit access.

Sign placement will be such that that no point in the exit access is more than 30 meters from the nearest visible sign.

Such signs are to be minimum size of 190 x 190mm and are to be SABS approved photo luminescent signs. Signs to comply to SANS 101186.

Every sign will be located and of such size, distinctive colour and design as to be readily visible. All signage must stand out from the surroundings and be visible.

Externally and internally illuminated signs will be visible in both the normal and emergency lighting mode.

Every sign required will provide evenly illuminated letters having a minimum luminance of 0.21cd/m².

Exit signs will be illuminated by the emergency lighting facilities.

CLIENT:



CONSULTANT:



Gauteng Office (Head Office)
 GladAfrica House, Hertford Office Park
 90 Bekker Road, Vorna Valley, Midrand, 1686
 P.O. Box 6723 Halfway House 1685
 Tel: +27 11 312 2537/2584
 Fax +27 11 805 1950
www.gladafrika.com

	NAME	REG. NO.	SIGNATURE	DATE
DRAWN	MANALA JD	M10037		
DESIGNED	TUGWETE BP	200970301		
APPROVED	K.Hlatshwayo	201570273		

PROJECT DESCRIPTION
 TROMPSBURG SPECIAL SCHOOL

DRAWING TITLE
 MULTI PURPOSE CENTRE FIRE PROTECTION

STATUS LEGEND		SHEET SIZE	
I	= INFORMATION	A1	
CV	= CONCEPT AND VIABILITY		
T	= DESIGN DEVELOPMENT		
D	= TENDER		
C	= CONSTRUCTION	SCALE	
AB	= AS BUILT	1:100	
DISCIPLINE	DRAWING NUMBER	STATUS	REVISION
MECHANICAL	92-ME-FP-MPC	T	E