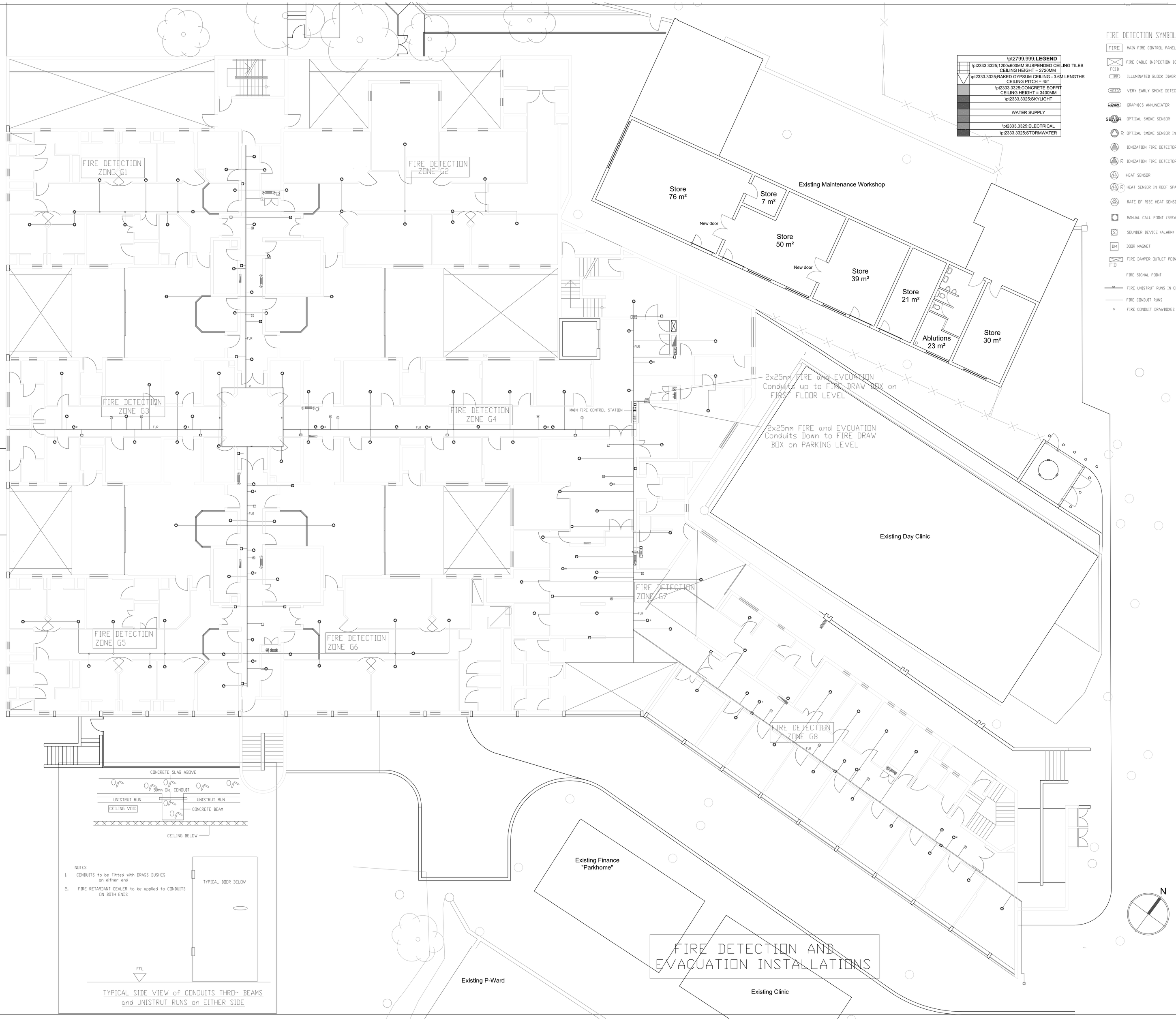


| \pt2799.999;**LEGEND** |
|---|
| \pt2333.3325;1200x600MM SUSPENDED CEILING TILES CEILING HEIGHT = 2720MM |
| \pt2333.3325;RAKED GYPSUM CEILING - 3.6M LENGTHS CEILING PITCH = 45° |
| \pt2333.3325;CONCRETE SOFFIT CEILING HEIGHT = 3400MM |
| \pt2333.3325;SKYLIGHT |
| |
| WATER SUPPLY |
| |
| \pt2333.3325;ELECTRICAL |
| \pt2333.3325;STORMWATER |

## FIRE DETECTION SYMBOLS

- FIRE — MAIN FIRE CONTROL PANEL
- FCIB — FIRE CABLE INSPECTION BOX
- IB — ILLUMINATED BLOCK DIAGRAM
- VESD — VERY EARLY SMOKE DETECTION ALARM
- HVAC — GRAPHICS ANNUNCIATOR
- SENSOR — OPTICAL SMOKE SENSOR
- R — OPTICAL SMOKE SENSOR IN ROOF/CEILING SPACE
- IONIZATION FIRE DETECTOR
- R — IONIZATION FIRE DETECTOR IN ROOF SPACE
- HEAT SENSOR
- R — HEAT SENSOR IN ROOF SPACE
- ROR — RATE OF RISE HEAT SENSOR
- MANUAL CALL POINT (BREAK GLASS or OTHER)
- S — SOUNDER DEVICE (ALARM)
- DM — DOOR MAGNET
- FD — FIRE DAMPER OUTLET POINT
- FIRE SIGNAL POINT
- FIRE UNISTRUT RUNS IN CEILING VOIDS
- FIRE CONDUIT RUNS
- FIRE CONDUIT DRAWBOXES

## FIRE EVACUATION SYMBOLS

TELEPHONE

- T — MAIN FIRE ALARM INTERCOM SYSTEM
- RED FIRE ALARM TELEPHONE and MICROPHONE HANDSET IN RED FIRE ENCLOSURE with DOOR

PUBLIC ADDRESS (PA)

- ZP — PA ZONE SELECTOR PANEL
- MAIN AMPLIFIER FOR PA SYSTEM
- M — MAIN MICROPHONE
- M — REMOTE MICROPHONE WITH BUILT IN AMPLIFIER
- SPEAKER UNIT IN CEILING
- WALL MOUNTED STROBE/SPEAKER UNIT

FIRE DETECTION ZONES G1 to G8

HEALTH DEPARTMENT SIGNATURES

FACULTY STAMP

FACULTY MANAGER

INFRASTRUCTURE MANAGER

GENERAL MANAGER

CHECKED BY PROFESSIONAL CONSULTANT

Name: Tilman Nel

TJNel — Signature

30 September 2023 — Date


CONSULTING ENGINEERS TJ

T J NEL

CONSULTING ELECTRICAL ENGINEERS

P O BOX 169

PORT EDWARD

4295

CELL: 083 - 2659623


public works

Department:
Public Works
**PROVINCE OF KWAZULU-NATAL**

SOUTHERN REGION

Project

WIMS NO: 044044 SOUTHERN REGION
PORT SHEPSTONE DEPARTMENT OF HEALTH
PORT SHEPSTONE PROVINCIAL HOSPITAL
NEW PSYCHIATRIC WARD

Drawing Description

# GROUND FLOOR

## FIRE DETECTION and EVACUATION LAYOUT DRAWING

Drawn: TJN — Date: 12 November 2023

Scale: 5000mm — Revision: Up to A16

Drawing number: SL 231 - FE2

DOPW Drawing number

Stamped by Plans Approval Committee