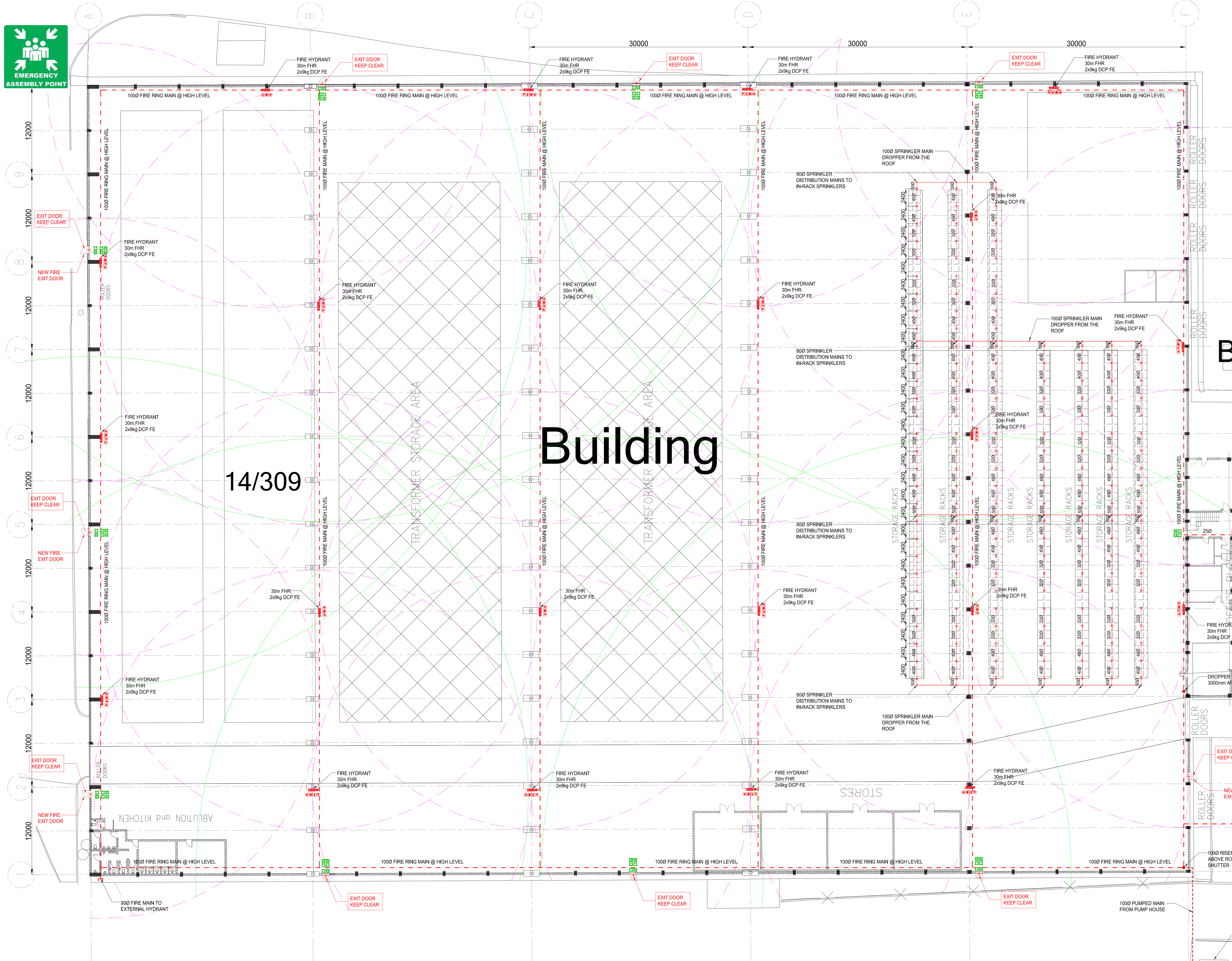




Building

- FIRE NOTES**
1. ALL WORK TO COMPLY WITH ACT 103 OF 1977 AND SANS 10400 PART T-2024
 2. OCCUPANCY CLASSIFICATION J2 AND G1 AS PER SANS 10400-A CLAUSE 20.
 3. a) 1 x 9kg FIRE EXTINGUISHERS PER 100 m² OR PART THEREOF TO BE INSTALLED IN ACCORDANCE WITH SANS 10110 AND CLAUSE 4.37 AND 4.38
b) 1 x 30m HOSE REELS, PER 500m² OR PART THEREOF, TO BE INSTALLED IN ACCORDANCE WITH SANS 543 AND T4.34.
c) 1 x 650l/h HYDRANTS, PER 1000 m² OR PART THEREOF, TO BE INSTALLED IN ACCORDANCE WITH SANS 543 SANS 1128-1 AND T4.35.
 - d) EXISTING SPRINKLER SYSTEM TO BE EXTENDED TO COVER NEW IN-RACK SPRINKLER HEADS.
 4. WATER SUPPLY FOR FIRE FIGHTING PURPOSES SHALL BE PUMPED FROM A 14m³ STORAGE TANK AND FLOWARTE AND PRESSURE SHALL COMPLY WITH SANS 10400-2011 PART W AND WITH CITY OF JOHANNESBURG WATER BYE-LAWS.
 5. PORTABLE FIRE EXTINGUISHERS TO BE HUNG ON MERANTI BACKING BOARDS, ON LOCATIONS INDICATED ON THE FIRE PLAN.
 7. DOORS IN ESCAPE ROUTES MAY ONLY BE FITTED WITH APPROVED PUSH BARS FOR DOUBLE DOORS AND THUMB TURN FOR SINGLE DOORS LOCKING DEVICES AND SHALL COMPLY WITH CLAUSE 4.14, 4.17, 4.19
 8. FLOOR COVERINGS TO BE NON COMBUSTIBLE FOR J2 AS PER CLAUSE 4.14
 9. WALL COVERINGS TO BE NON COMBUSTIBLE FOR J2 AS PER CLAUSE 4.15
 10. EMERGENCY LIGHTING WITH 30 MIN BATTERY BACK UP SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH SANS 10400-T AND SANS 10114-2 AND SANS 1464-22, AS PER CLAUSE 4.30.
 11. PHOTOLUMINESCENT ESCAPE SIGNS TO BE PROVIDED AND TO COMPLY WITH SANS 1186 PART 1 AND 5 AS PER 4.29.
 11. PHOTOLUMINESCENT SYMBOLIC SIGNS TO BE PROVIDED AND TO COMPLY WITH SANS 1186 PART 1 AND 5 AS PER 4.32
 12. SUSPENDED CEILINGS AND ITS SUPPORTING MEMBERS, SHALL BE NON-COMBUSTIBLE MATERIAL COMPLYING TO SANS 428: 2012
 13. STRUCTURAL ELEMENTS AND COMPONENTS SHALL HAVE A MINIMUM STABILITY RATING OF 30 MINUTES.
 14. INSULATION MATERIAL TO BE NON COMBUSTIBLE COMPLYING WITH SANS 428: 2012
 15. ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE FIRE SEALED.
 16. FIRE DETECTION AND ALARM SYSTEM SHALL BE PROVIDED IN COMPLIANCE TO SANS 10139 CATEGORY M AND L2. ACCESS CONTROLLED DOORS AND GATES SHALL BE DE-ENERGIZED BY THE SMOKE DETECTION SYSTEM IN THE EVENT OF A FIRE ALARM AS PER CLAUSE 4.31.
 17. AIR CONDITIONING PLANT SHALL BE DISABLED ON RECEIVING A FIRE ALARM SIGNAL AS PER CLAUSE 4.43.
 18. ACCESS CONTROL SHALL HAVE GREEN OVERRIDE BUTTONS OR BE DISABLED AFTER RECEIVING A FIRE ALARM SIGNAL.

- NOTES**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS.
 2. DO NOT SCALE FROM THE DRAWING. THE CONTRACTOR MUST CHECK AND CONFIRM ALL DIMENSIONS INCLUDING LEVELS ON SITE WITH THE SERVICES ENGINEER.
 3. ANY QUERIES AND/OR DISCREPANCIES MUST BE REFERRED TO THE SERVICES ENGINEER BEFORE MATERIALS ARE ORDERED AND BEFORE EXECUTION ON SITE.
- LEGEND:**
- ESCAPE ROUTE
 - E1 EXIT TYPE 1
 - E2 EXIT TYPE 2
 - E3 EXIT TYPE 3
 - E4 EXIT TYPE 4
 - EXIT ILLUMINATED EXIT SIGN
 - F4
 - F5
 - F6
 - F7
 - F8
 - F9
 - FE FIRE EXTINGUISHER
 - FHR FIRE HOSE REEL
 - FHY FIRE HYDRANT
 - DOOR FITTED WITH THUMB TURN LOCK OR PUSH BAR
- KEY**
- 60m RADIUS FOR FIRE EXIT DOORS
 - 30m RADIUS FOR FIRE HOSE REELS

02	RING MAIN REVISED TO 100mm DIAMETER					I.S.	S.M.		15/07/24
01	ISSUED FOR INFORMATION					I.S.	S.M.		06/07/24
REV	REVISION DESCRIPTION					BY	CHKD	AUTH	DATE
	SIGN	DATE	PROJECT NAME: ESKOM WAREHOUSE					 PROJECT	
DRAWN BY	I.S.	06/07/2024	JOB NAME: PROPOSED WAREHOUSE					SCALE: 1:200	SIZE: A0
ENGINEER	S.M.		Drawing Description: FIRE PROTECTION LAYOUT					REV:	
CHECKED	S.M.		TAP DRAWING No: WH-ESKM-FP-001					REV:	01
APPROVED			CLIENT DRAWING No:						SHEET:
			CONTACT INFORMATION:		CLIENT:				
			ADDRESS: Block C2, Eskom Megawatt Park, 1 Maxwell drive, Sunninghill, 2191				OF:		

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