

Johannesburg Water SOC Ltd



VOLUME 3

DRAWINGS

JW14452

BUILDING UPGRADE FOR THE MEGA WAREHOUSE IN LANGLAAGTE DEPOT

Date:

BUILDING UPGRADE FOR THE MEGA WAREHOUSE
IN LANGLAAGTE DEPOT

DRAWINGS ISSUED FOR TENDER

DOC / DRAWING REF NO.	DESCRIPTION
STRUCTURAL	
ECS328-STR-001 Rev B	General Notes
ECS328-STR-004 Rev B	Floor Plan Saw Cut Joints Layout & Details
ECS328-STR-005 Rev B	Ablution Block Layout & Typical Strip Foundation Details
ROADS & STORMWATER	
ECS328-SP-001 Rev B	Roads & Stormwater General Layout & Details
ECS328-TR-001 Rev B	Paving Setting-Out
MECHANICAL	
ECS328-M-001 Rev B	Mechanical – Wet Services Preliminary Layout
ECS328-M-002 Rev B	Mechanical – Fire Services Preliminary Sketch
ECS328-M-003 Rev B	Mechanical – HVAC Preliminary Layout
ELECTRICAL	
ECS328-E-001 Rev B	Lighting Layout
ECS328-E-002 Rev B	Small Power Layout
ECS328-E-003 Rev B	Wiring Channel & Wire-mesh Layout
ECS328-E-004 Rev B	Earthing System
ECS328-E-005 Rev B	Lighting Protection Systems Layout
ECS328-E-006 Rev B	CCTV System Layout
ECS328-E-007 Rev B	Access Control System Layout
ECS328-E-008 Rev B	Intruder Alarm System Layout
ECS328-E-009 Rev B	Intruder Alarm System Layout
ARCHITECTURAL	
ECS328-GEN-001 Rev B	Project Name Board Information
ECS328-ARCH-001 Rev B	Detailed Layout of Refurbishment & Upgrade at Mega Store, Workshop Building
ECS328-ARCH-002 Rev B	Mega Store Building Sections
ECS328-ARCH-003 Rev B	Existing Plan Layout for Demolitions
ECS328-ARCH-004 Rev B	Mega Store Elevations



GENERAL NOTES:

FOR TENDER

Drg. No.	Description
Reference Drawings	
B	ISSUED FOR TENDER
SD	CM
KM	19-11-24
Rev	Description
BY	Chk'd
Eng	Date

CLIENT:



Physical Address	Postal Address
2 LINK ROAD, LANGLAAGTE, JOHANNESBURG. 2093	TURBINE HALL, 65 NTEMI PILISO STREET, NEWTOWN. JOHANNESBURG



Physical Address	Postal Address
Maxwell Office Park 1st Floor, Building 3 37 Magwa Crescent Waterfall City 2195 Tel: +27 10 822 1050	Postnet Suite No. 326 Private Bag X26 Sunninghill 2157

APPROVED BY:

PROF. REGISTRATION:

DATE:

Project Name:
**JOBURG WATER BUILDING UPGRADE
FOR THE MEGA WAREHOUSE IN
LANGLAAGTE DEPOT**

E	Project Number
	328

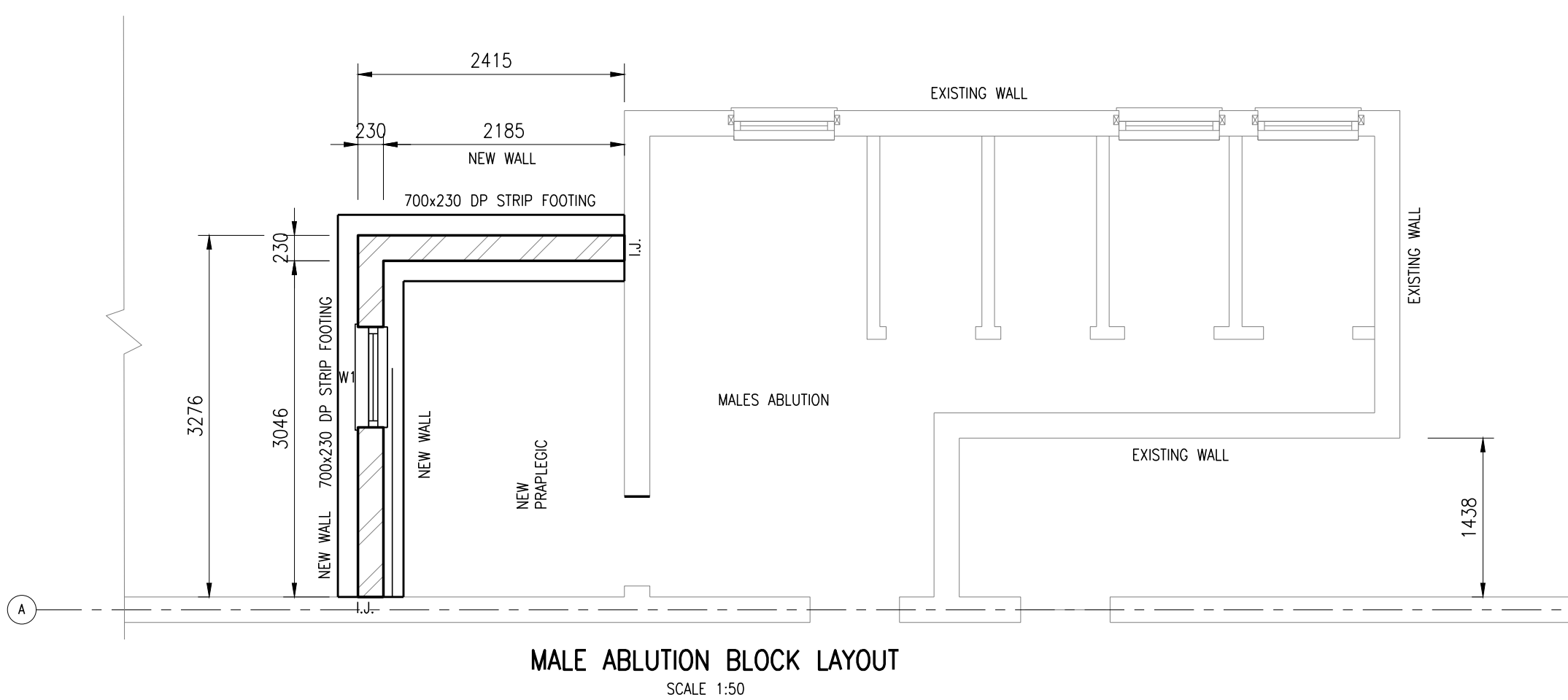
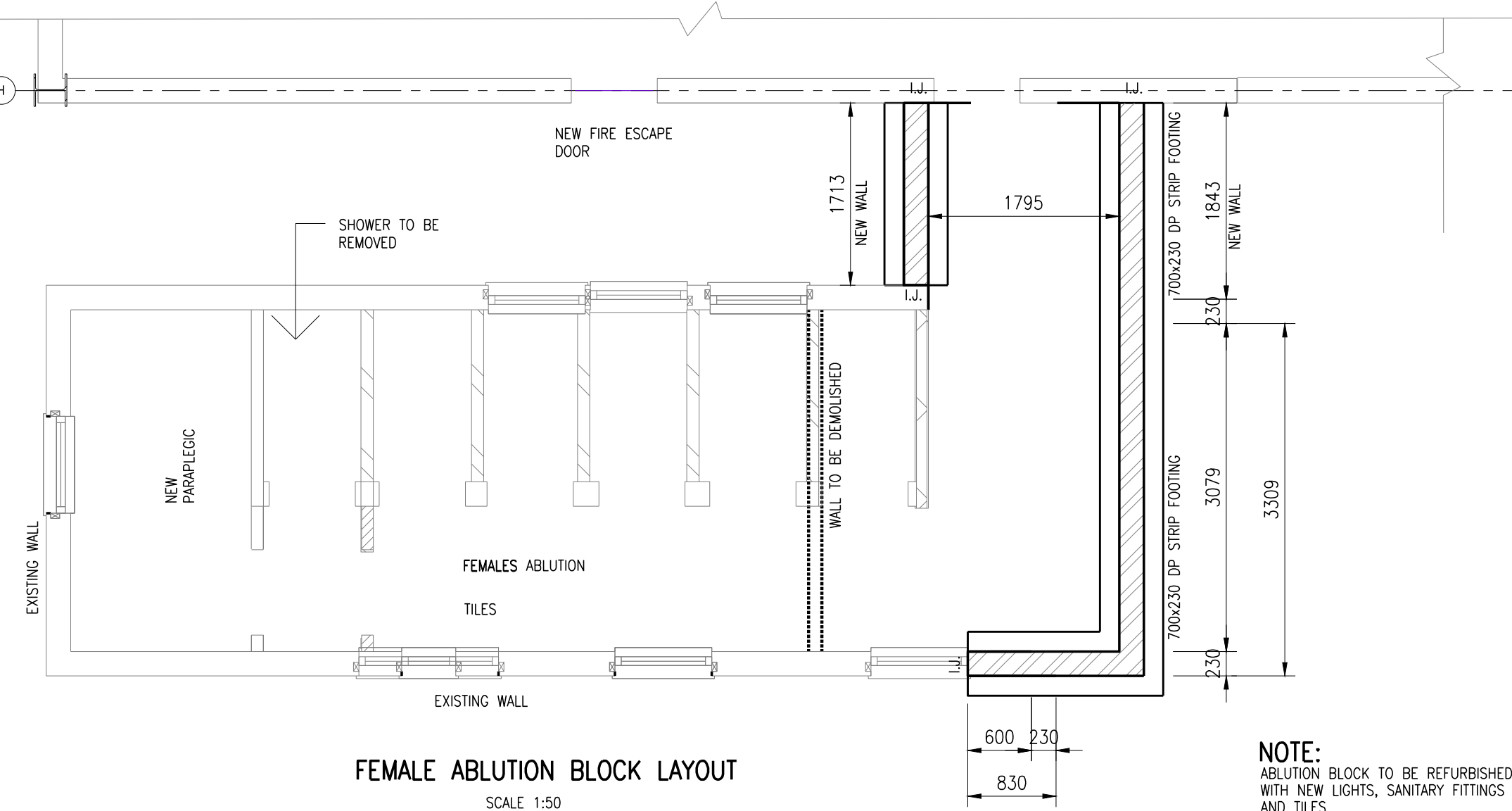
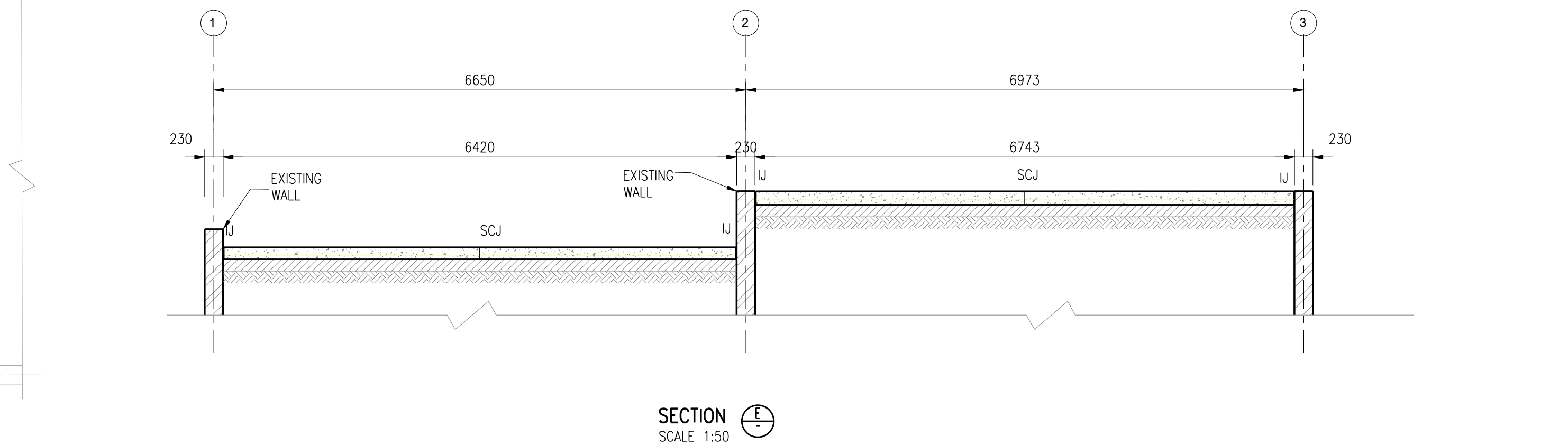
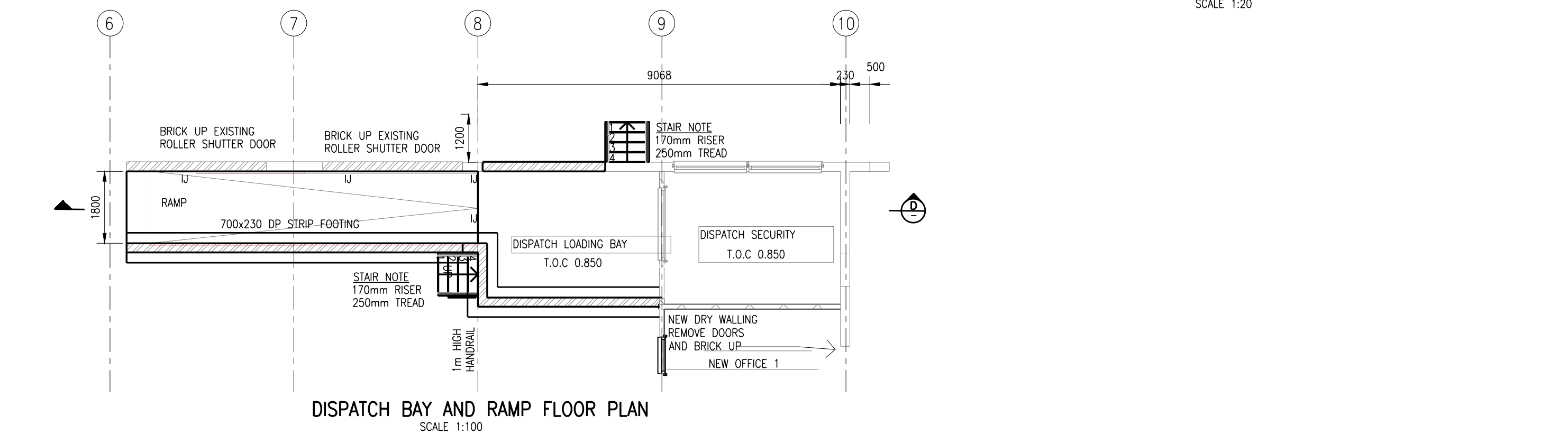
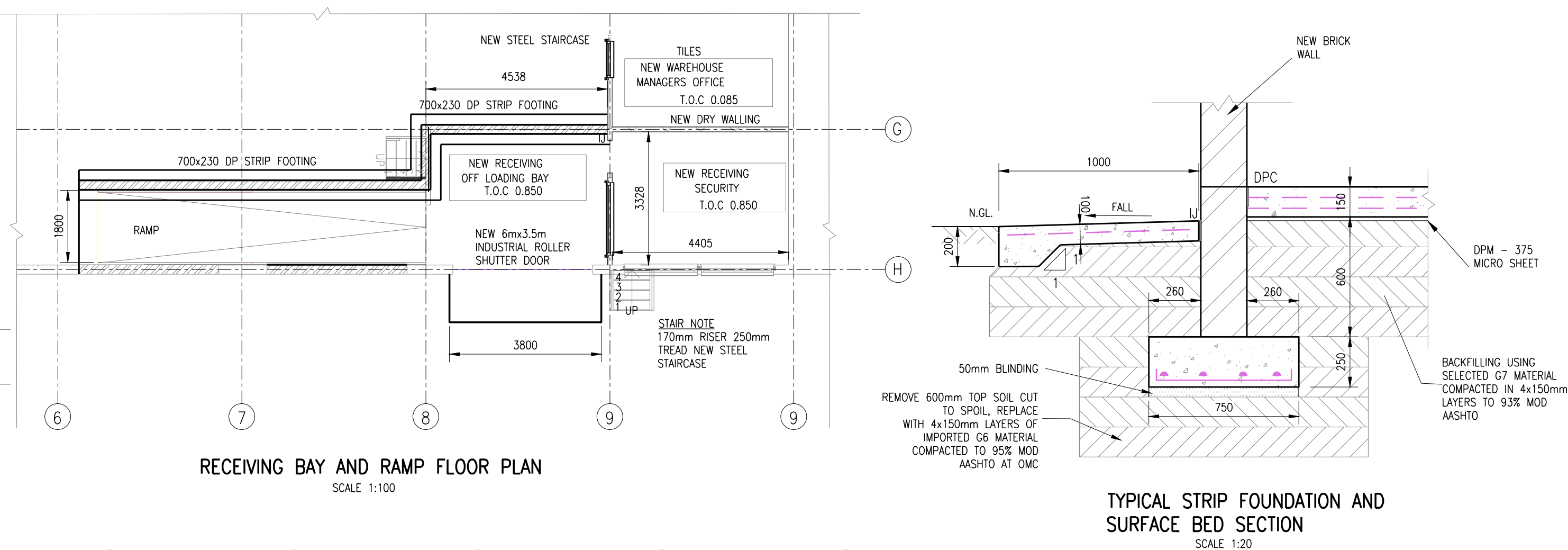
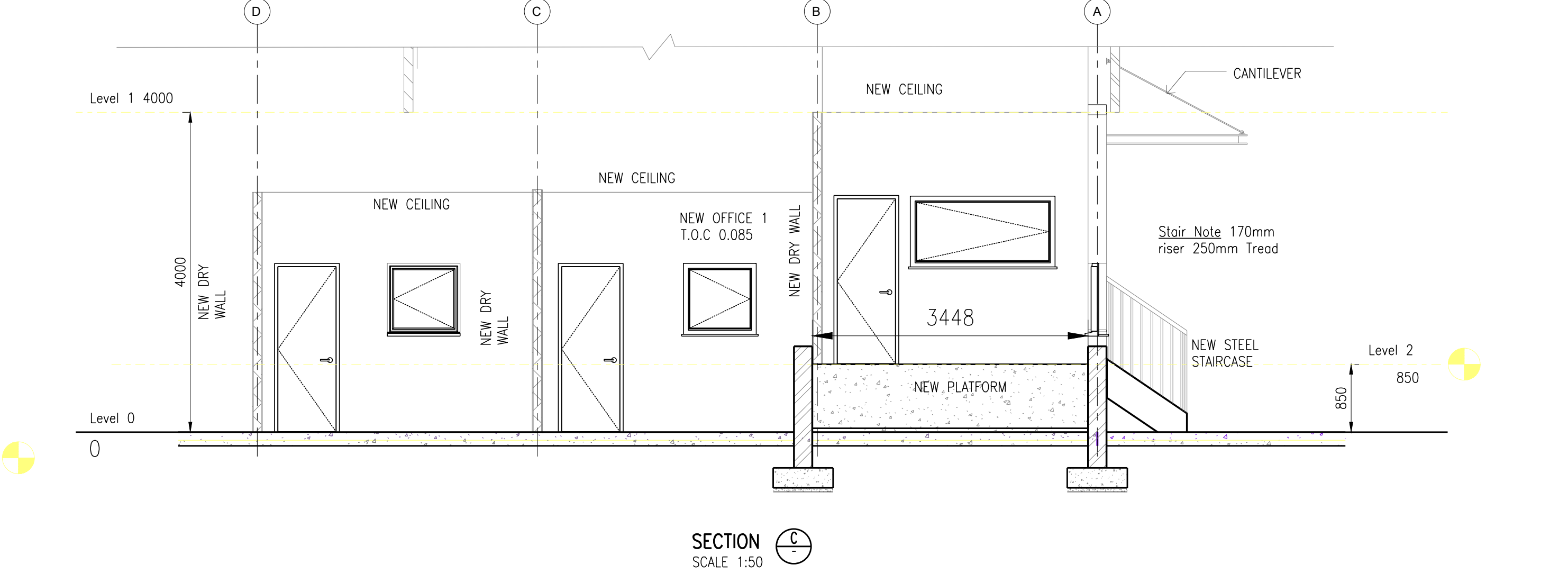
Drawing Title: FLOOR PLAN SAW CUT JOINTS LAYOUT AND DETAILS	
---	--

Size	LESEDI Drawing No.	Rev
A1	ECS328-STR-004	B

Approved	K. MUDZAMIRI	
Engineer	S. DUBE	
Checked	C. MOEKETSI	
Drawn	G.W. KASIRORI	

Scale AS SHOWN	Name	Signed	Date
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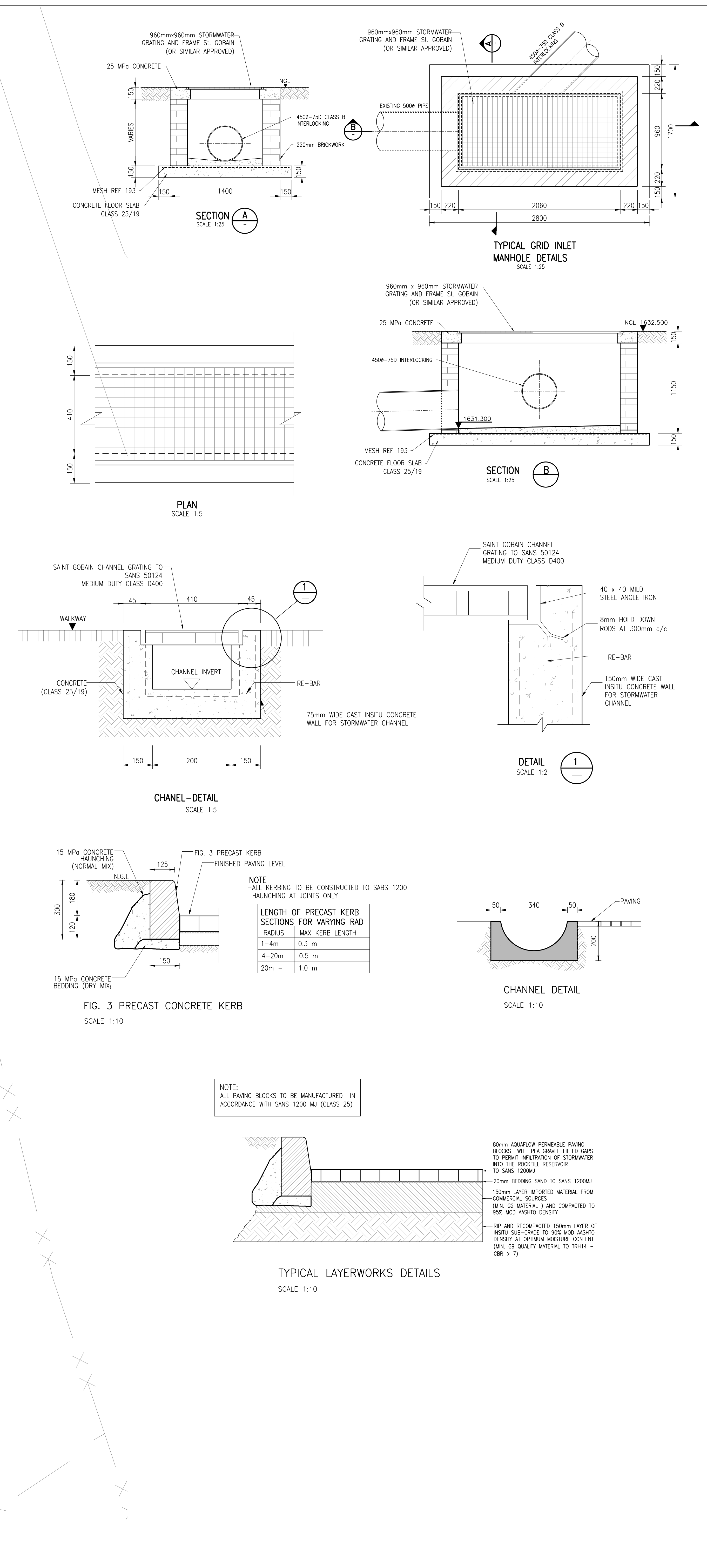
GENERAL NOTES:

FOR TENDER

Drg. No.		Description					
Reference Drawings							
B	ISSUED FOR TENDER	SD	CM	KM	19-11-24		
Rev	Description	BY	Chk'd	Eng	Date		
Revision History							

 Johannesburg Water	
Physical Address 2 LINK ROAD, LANGLAAGTE, JOHANNESBURG 2093	Postal Address TURBINE HALL, 65 NTEMI PULSO STREET, NEWTOWN, JOHANNESBURG
 LESEDITH TECHNICAL ENGINEERING & CONSTRUCTION A DIVISION OF LESATH CO. (PTY) LTD.	
Physical Address Maxwell Office Park 1st Floor, Building 3 37 Magoa Crescent Waterfall City 2195 Tel: +27 10 822 11550	Postal Address Postnet Suite No. 326 Private Bag X26 Sunninghill 2157

PREPARED BY:			
REF. REGISTRATION:			
DRAWN:			
Project Name: JOBURG WATER BUILDING UPGRADE FOR THE MEGA WAREHOUSE IN LANGLAAGTE DEPOT			Project Number: 328
Drawing Title:			
ABUTLION BLOCK LAYOUT AND TYPICAL STRIP FOUNDATION DETAILS			
Size A1	LESEDI Drawing No. ECS328-STR-005		Rev B
Approved K. MUJIZAMIRI Engineer S. DUBE Checked C. MOORETISI Drawn G.W. KASIRORI			
Scale AS SHOWN	Name	Signed	Date
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GENERAL NOTES:					
FOR TENDER					
Drg. No.	Description				
Reference Drawings					
B	ISSUED FOR TENDER	SD	CM	KM	20-11-2024
Rev	Description	BY	Chk'd	Eng	Date
Revision History					
CLIENT:					
 Johannesburg Water					
Physical Address			Postal Address		
2 UNK ROAD, LANGLAAGTE, JOHANNESBURG. 2093			TURBINE HALL, 65 NTEM PIUSO STREET, NEWTOWN, JOHANNESBURG		
 LESEDI TECHNICAL ENGINEERING CONSULTANTS A DIVISION OF LESEDI & ASSOCIATES					
Physical Address			Postal Address		
LESEDI House Kidrummy Office Park, Genltager Building 5 Cnr Witkoppen and Umhlango Avenue Paulshof 2191 Tel: + 010 822 1050			Postnet Suite No. 326 Private Bag X26 Sunninghill 2157		
APPROVED BY:					
PROF. REGISTRATION:					
DATE:					
Project Name: JOBURG WATER BUILDING UPGRADE FOR MEGA WAREHOUSE IN LANGLAAGTE				Project Number: 328	
Drawing Title: ROADS AND STORMWATER GENERAL LAYOUT AND DETAILS					
Size A0	LESEDI Drawing No. ECS328-SP-001			Rev B	
Approved	K. MUJIZAMIRI				
Engineer	S. DUBE				
Checked	C. MOEKETSJI				
Drawn	S. DUBE				
Scale AS SHOWN	Name	Signed	Date		

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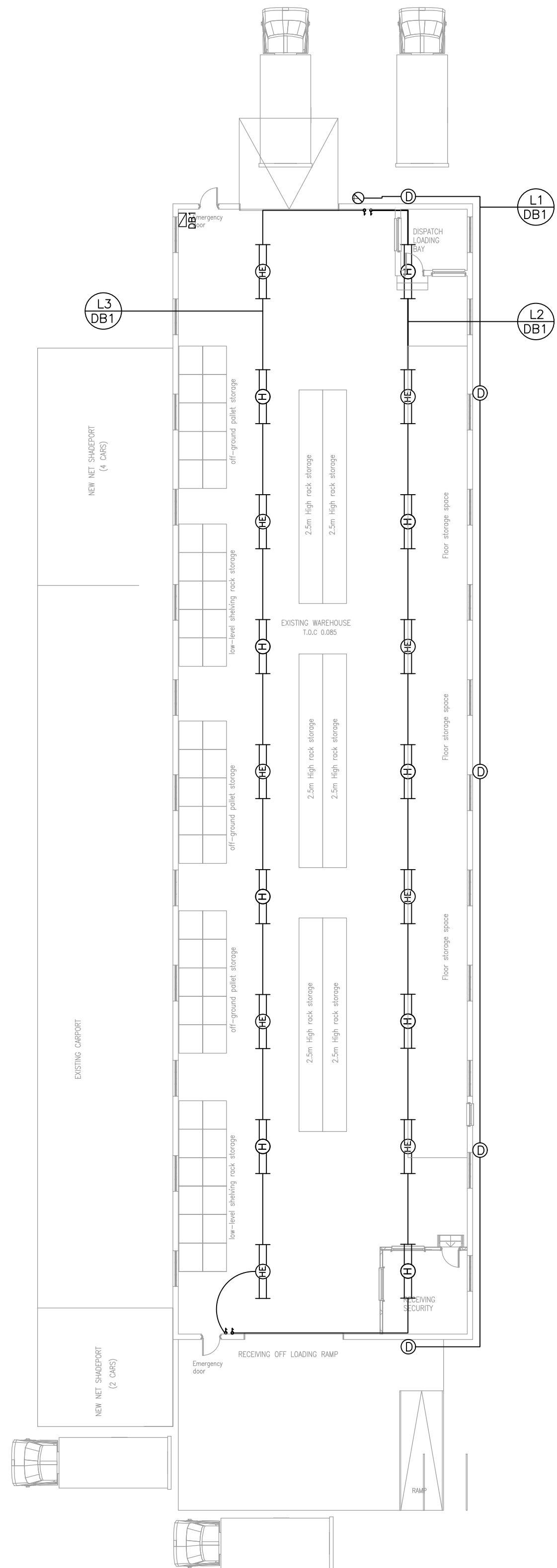
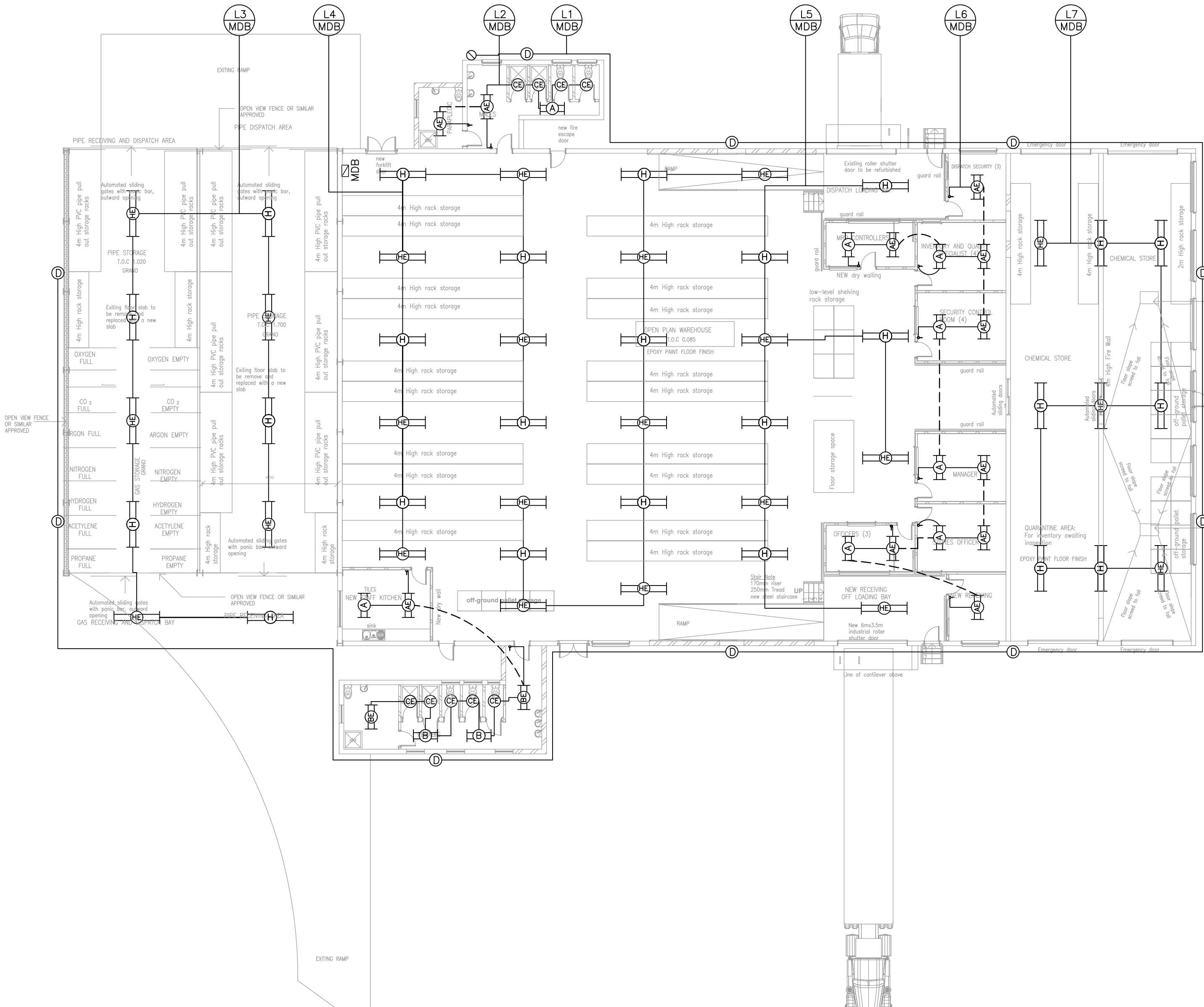
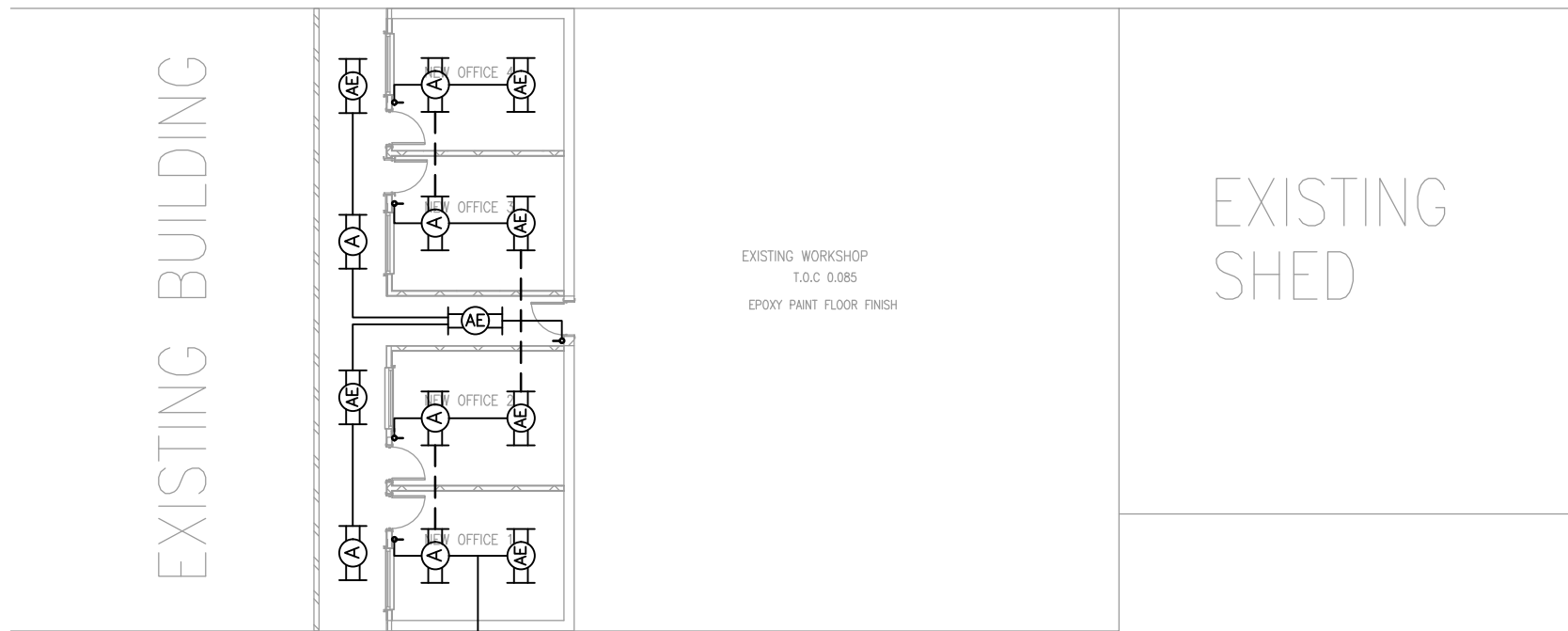


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24	-2899741.9614	98420.2894
25	-2899755.5574	98401.4316
26	-2899750.5236	98396.5227
27	-2899759.1420	98384.1260
28	-2899768.9040	98392.7670
29	-2899777.0166	98383.3519
30	-2899885.8154	98396.4614
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FOR TENDER

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TYPE	DESCRIPTION	TYPE	DESCRIPTION
	1200mm LONG SURFACE MOUNTED OPEN CHANNEL LIGHT FITTING COMPLETE WITH 2 x 23W LED TUBES, 2150 LUMENS PER LAMP, IP20 AND ELECTRONIC CONTROL GEAR.		SURFACE MOUNTED FLOODLIGHT FITTING COMPLETE WITH 79W, LED, 14 247 LUMENS, IP66 AND ELECTRONIC CONTROL GEAR.
	1200mm LONG SURFACE MOUNTED OPEN CHANNEL LIGHT FITTING COMPLETE WITH 2 x 23W LED TUBES, 2150 LUMENS PER LAMP, IP20, ONE HOUR EMERGENCY BATTERY BACK-UP AND ELECTRONIC CONTROL GEAR.		HIGH BAY LIGHT FITTING COMPLETE WITH 200W LED LAMP, 32 492 LUMENS, IP67, 2mx0.75mm² 3CORE FLEX CABLE, 5A UNSWITCHED SOCKET OUTLET, PLUG TOP AND ELECTRONIC CONTROL GEAR
	1200mm LONG SURFACE MOUNTED WATERTIGHT, STEAMPROOF AND CORROSION PROOF LIGHT FITTING COMPLETE WITH 2 x 23W LED TUBES, 2150 LUMENS PER LAMP, IP66 AND ELECTRONIC CONTROL GEAR.		HIGH BAY LIGHT FITTING COMPLETE WITH 200W LED LAMP, IP67, 2mx0.75mm² 3CORE FLEX CABLE, 5A UNSWITCHED SOCKET OUTLET, PLUG TOP, ONE HOUR BATTERY BACK-UP AND ELECTRONIC CONTROL GEAR
	SURFACE MOUNTED BULKHEAD LIGHT FITTING COMPLETE WITH 24W, 231V LED BULB, 2594 LUMENS, IP66.		20A 1LEVER 1WAY FLUSH SWITCH C/W STEEL COVER INSTALLED AT 1 400mm A.F.F.L.
	SURFACE MOUNTED BULKHEAD LIGHT FITTING COMPLETE WITH 24W, 231V LED BULB, 2594 LUMENS, IP66 AND ONE HOUR EMERGENCY BATTERY BACK-UP.		20A 1LEVER 2WAY FLUSH SWITCH C/W STEEL COVER INSTALLED AT 1 400mm A.F.F.L.
			20A INTERMEDIATE FLUSH SWITCH C/W STEEL COVER INSTALLED AT 1 400mm A.F.F.L.
			20A PHOTOCELL SWITCH.



GENERAL NOTES:

B ISSUED FOR TENDER W.C. W.C. 19-11-2024

Rev Description BY Chk'd Eng Date

Revision History

CLIENT:



Physical Address Postal Address
2 Link Road 65 Henri Ploo Street
Langlands Johannesburg Newtown
2093 Johannesburg



Physical Address Postal Address
LTE House Postnet Suite No. 326
Kiddumny Office Park, Private Bag X26
Glenfoster Building, Sunninghill 2157
5 Cor Wilkoppen and Umhlanga Avenue
Poulslof 2191
Tel: + 01 0015 5388

APPROVED BY:

PROF. REGISTRATION:

DATE:
Project Name: JOBURG WATER BUILDING UPGRADE FOR MEGA WAREHOUSE IN LANGLAAGTE
Project Number: ECS328

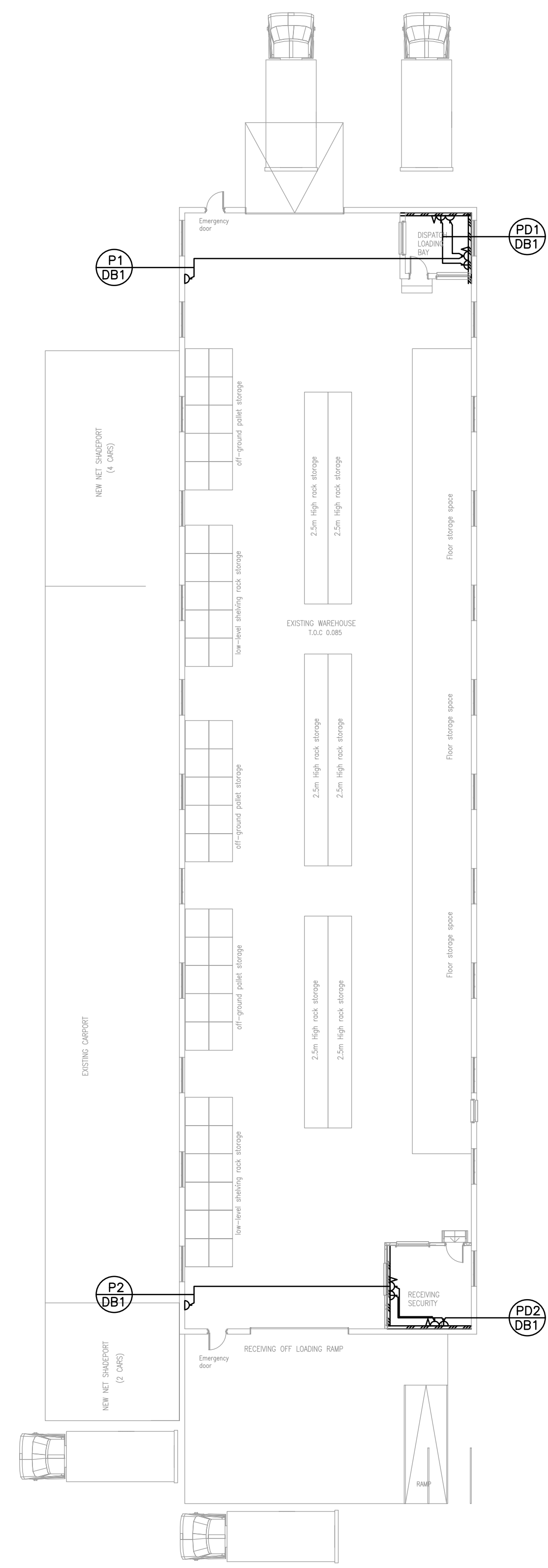
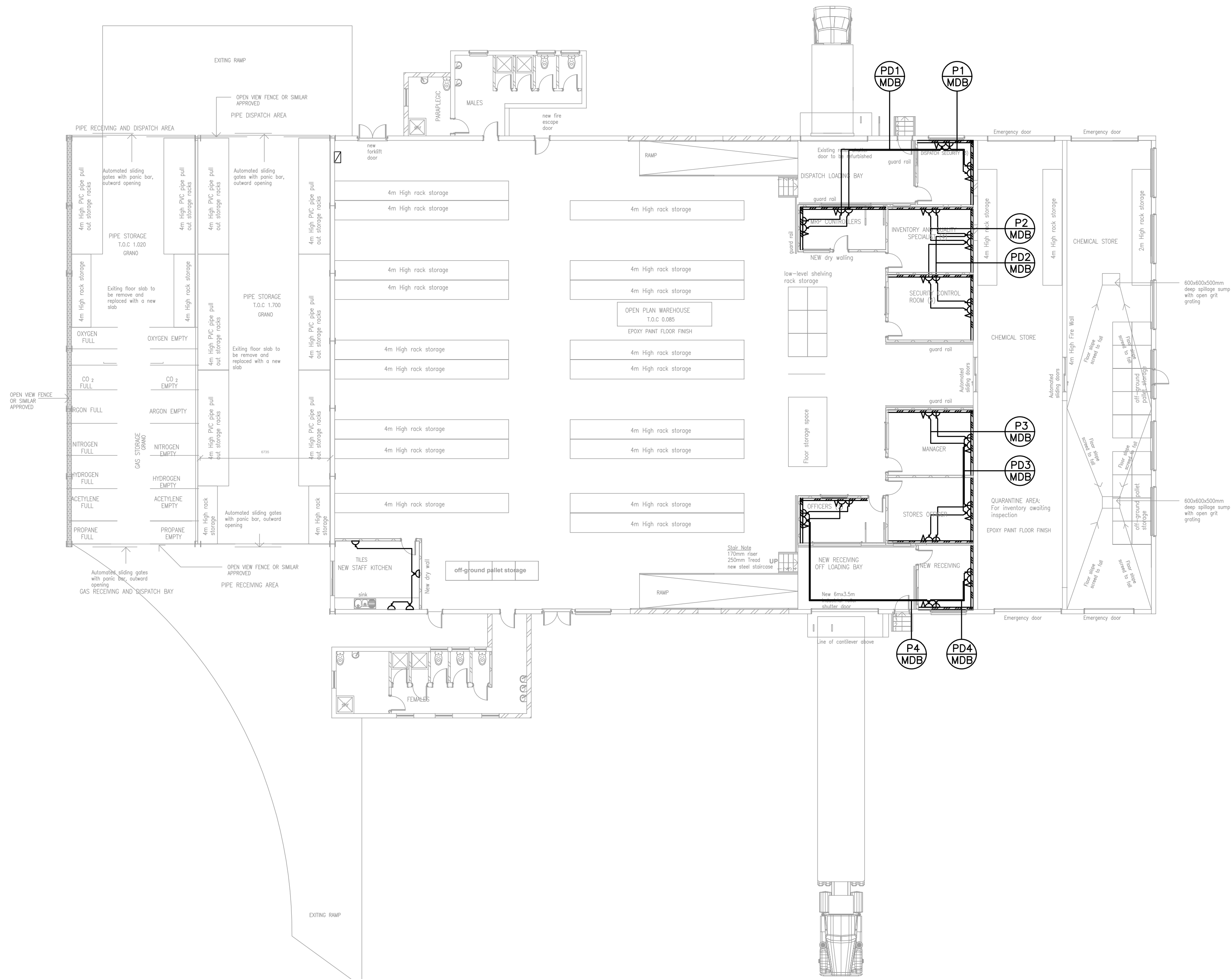
Drawing Title: LIGHTING LAYOUT

Size Drawing No. Rev
A1 ECS328/E - 001 B

Approved			
Engineer	W. CHANAKIRA		21-05-2024
Checked	M. KHUMALO		20-05-2024
Drawn	W. CHANAKIRA		20-05-2024
Scale	1:150	Name	Signed Date

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	16A SINGLE SOCKET OUTLET COMPLYING WITH SANS 164-1 & SANS 164-2 INSTALLED AT 300mm A.F.F.L. UNLESS OTHERWISE STATED.
	16A SINGLE DEDICATED SOCKET OUTLET COMPLYING WITH SANS 164-1 & SANS 164-2 INSTALLED AT 300mm A.F.F.L. UNLESS OTHERWISE STATED.
	20A DOUBLE POLE ISOLATOR FOR AC UNIT INSTALLED OUTSIDE NEXT TO THE OUTDOOR UNIT.
	40A TRIPLE POLE ISOLATOR INSTALLED AT 1400mm A.F.F.L. UNLESS OTHERWISE STATED.
	DATA POINT INSTALLED AT 300mm A.F.F.L. UNLESS OTHERWISE STATED.
	2-COMPARTMENT STEEL POWER SKIRTING TRUNKING INSTALLED AT 100mm A.F.F.L. UNLESS OTHERWISE STATED.



EXISTING BUILDING

NEW OFFICE 4

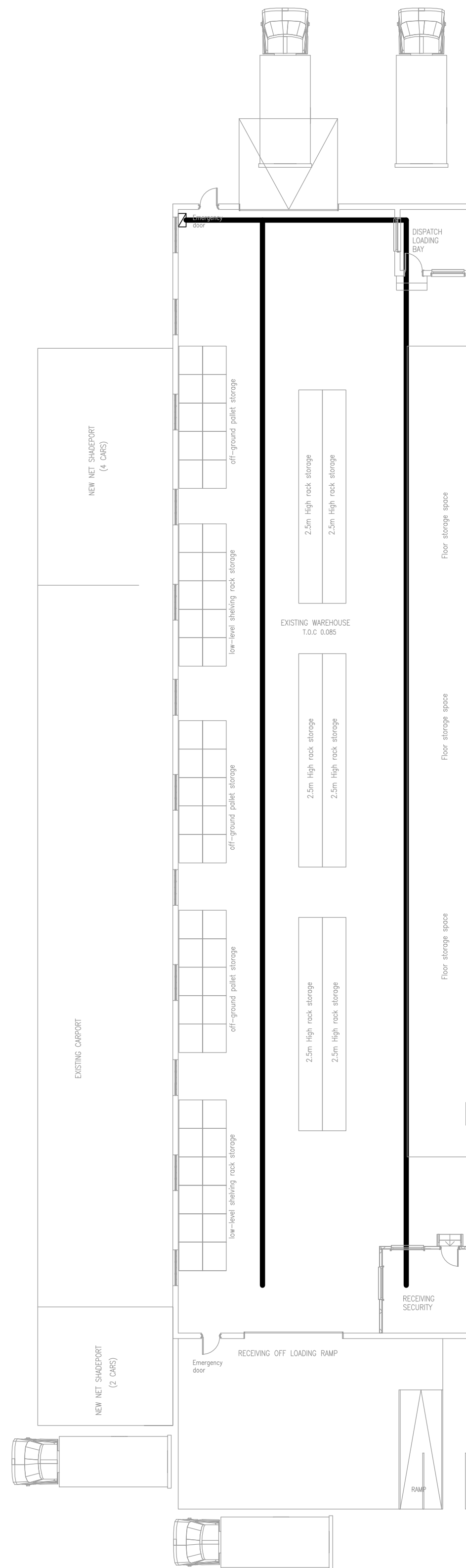
NEW OFFICE 3

NEW OFFICE 2

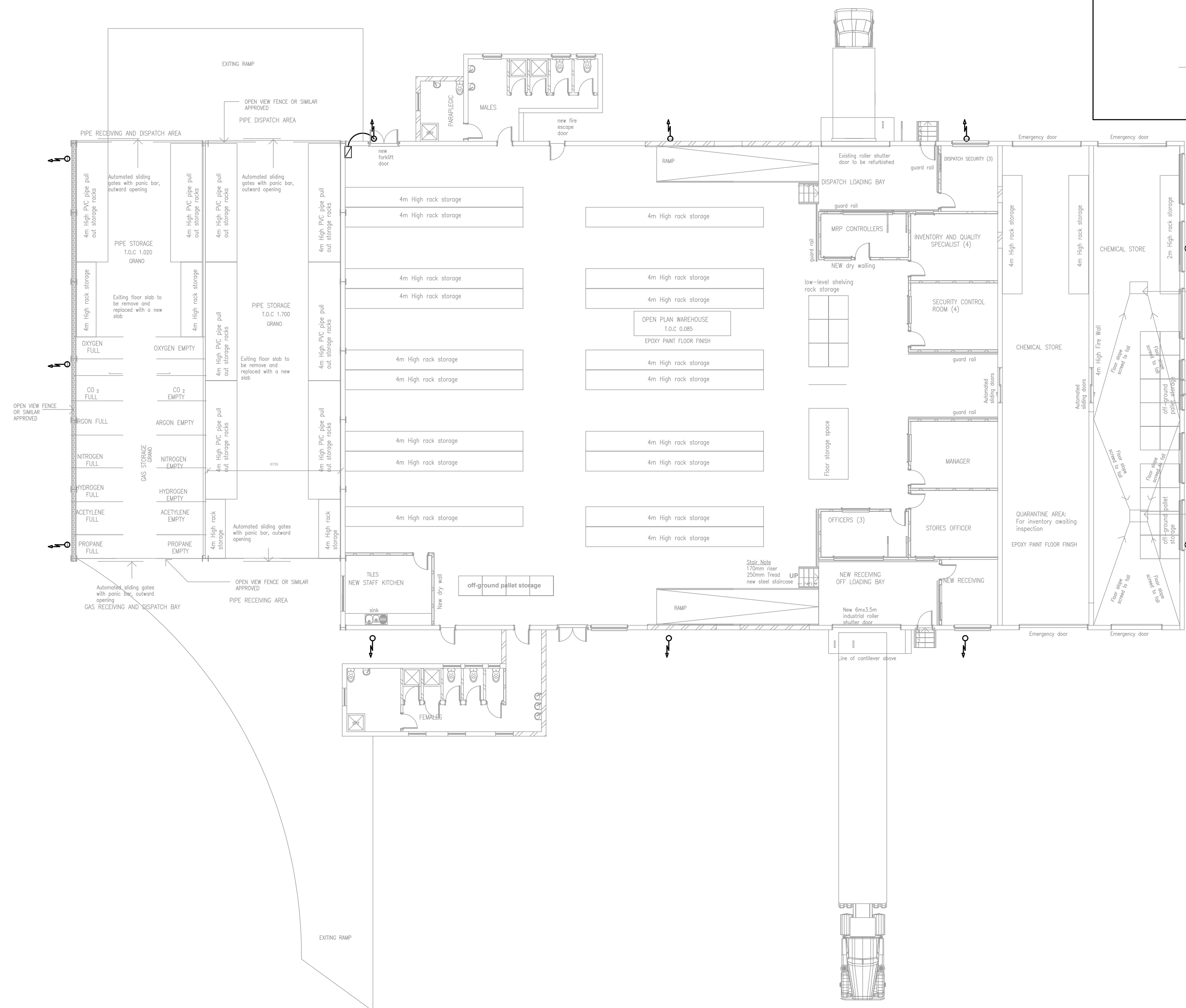
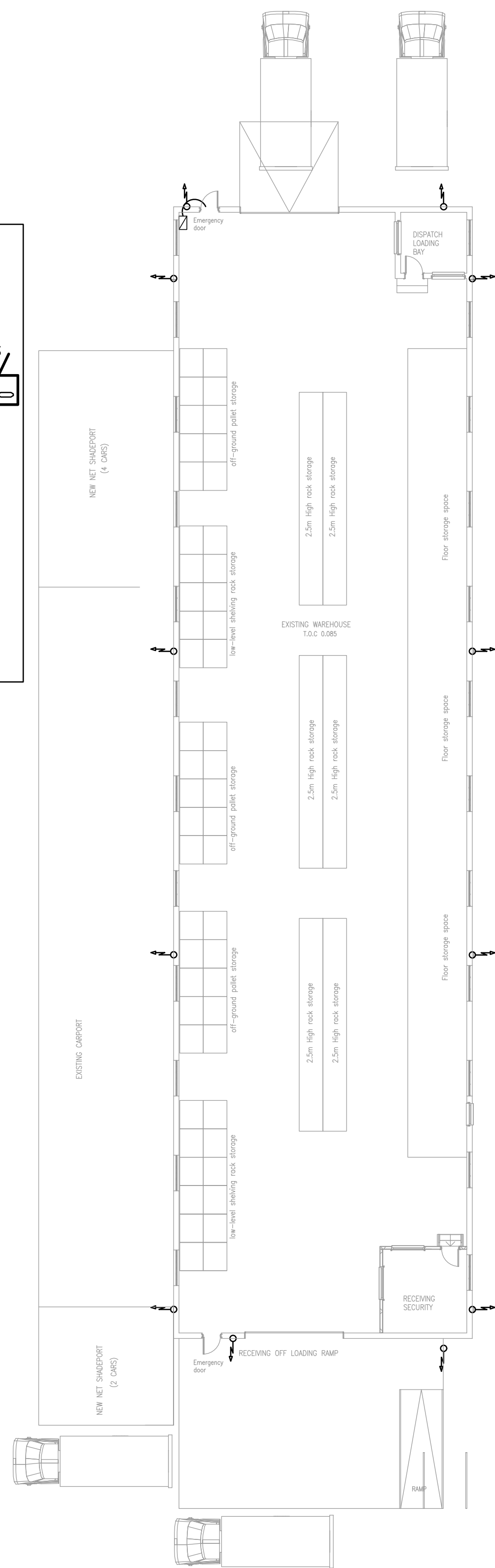
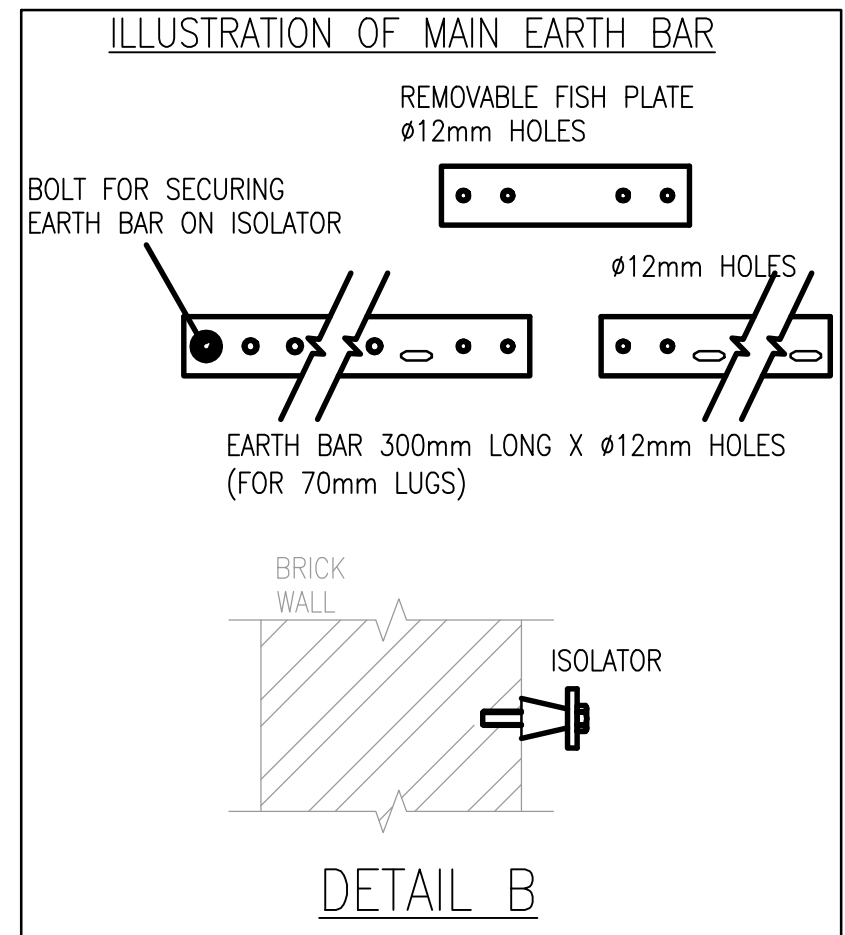
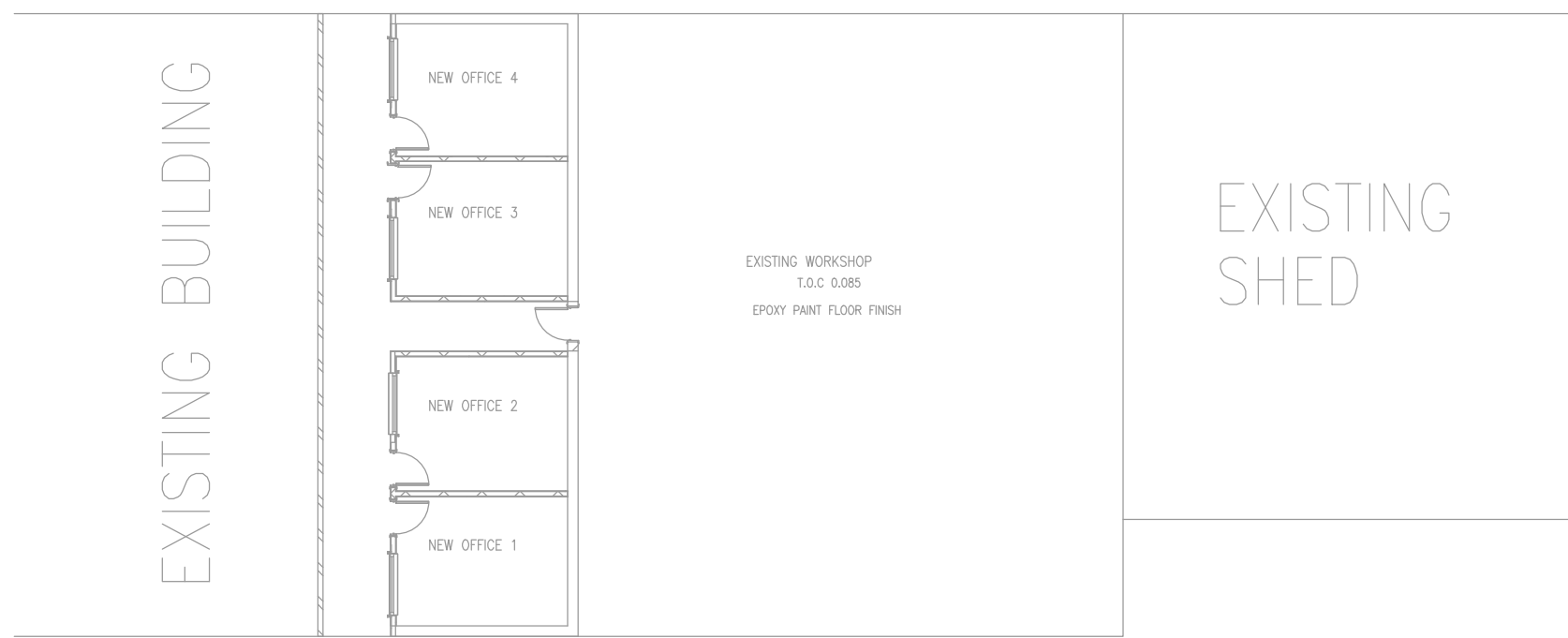
NEW OFFICE 1

EXISTING WORKSHOP
T.O.C. 0.685
EPOXY PAINT FLOOR FINISH

EXISTING SHED



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B	ISSUED FOR TENDER	W.C.	W.C.		19-11-2024
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Rev	Description	BY	Chk'd	Eng	Date
Revision History					



Physical Address	Postal Address
2 Link Road Langlaagte JOHANNESBURG 2093	TURBINE HALL 65 Ntengi Piliro Street Newtown JOHANNESBURG



Physical Address	Postal Address
LTE House Kildrumny Office Park, Glenfiggar Building 5 Cnr Wilkoppen and Umhlanga Avenue Paulshof 2191 Tel: + 01 0015 5388	Postnet Suite No. 326 Private Bag X26 Sunninghill 2157

PROF. REGISTRATION:

DATE:

Project Name:
JOBURG WATER BUILDING UPGRADE FOR MEGA
WAREHOUSE IN LANGLAAGTE

Project Number:

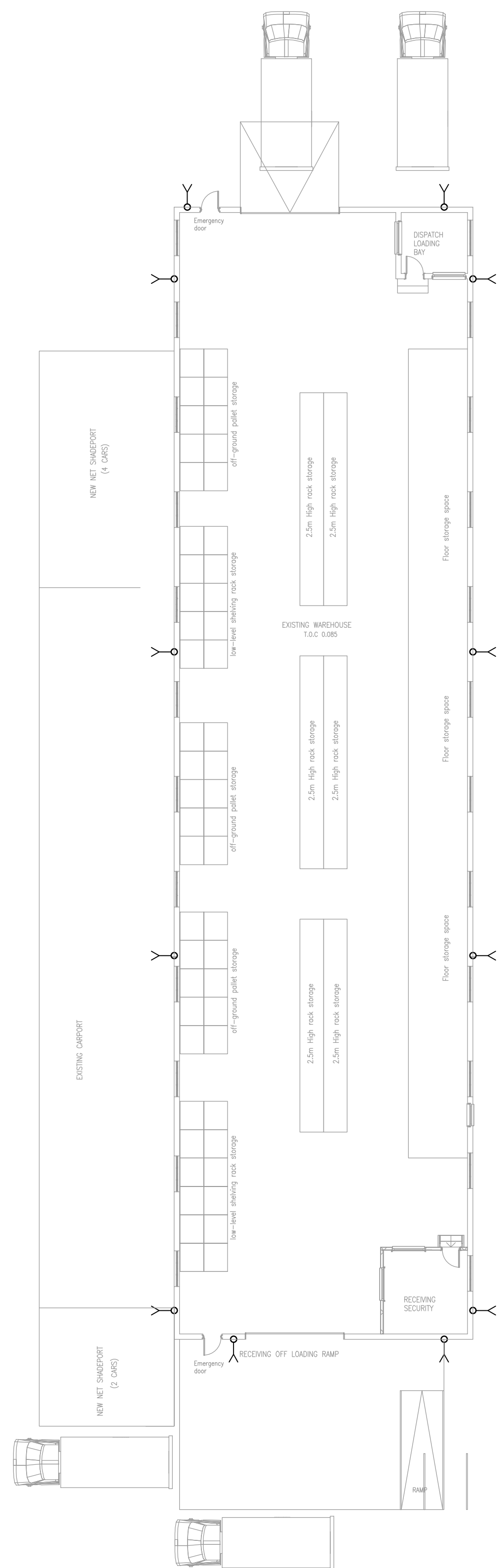
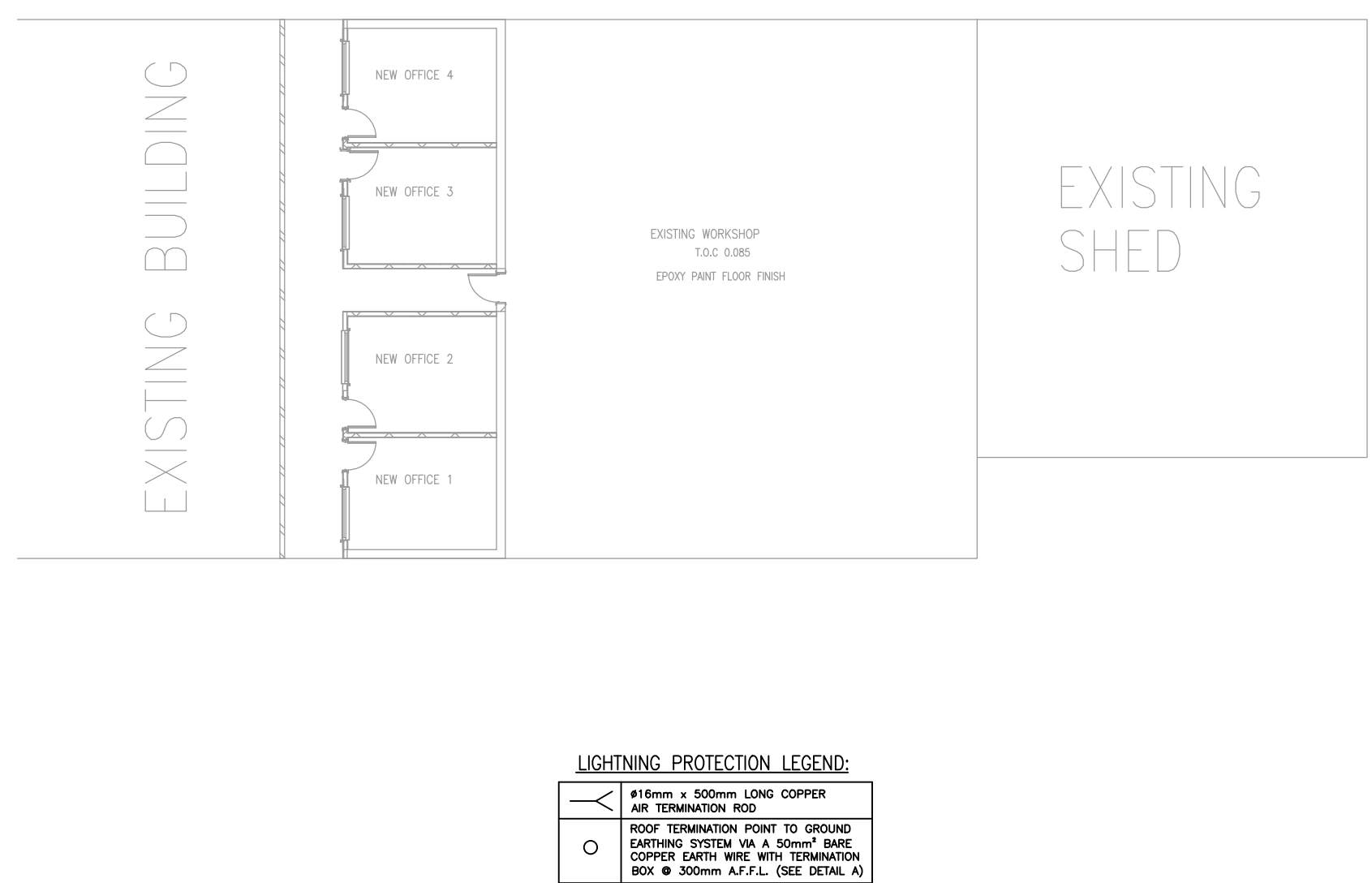
ECS328

Drawing Title:

EARTHING SYSTEM

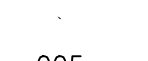
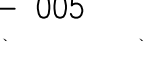
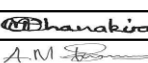
Size	Drawing No.		Rev
A1	ECS328/E - 004		B
Approved			
Engineer	W. CHANAKIRA		21-05-2024
Checked	K. MUDZAMIRI		20-05-2024
Drawn	W. CHANAKIRA		20-05-2024
Scale 1:150	Name	Signed	Date

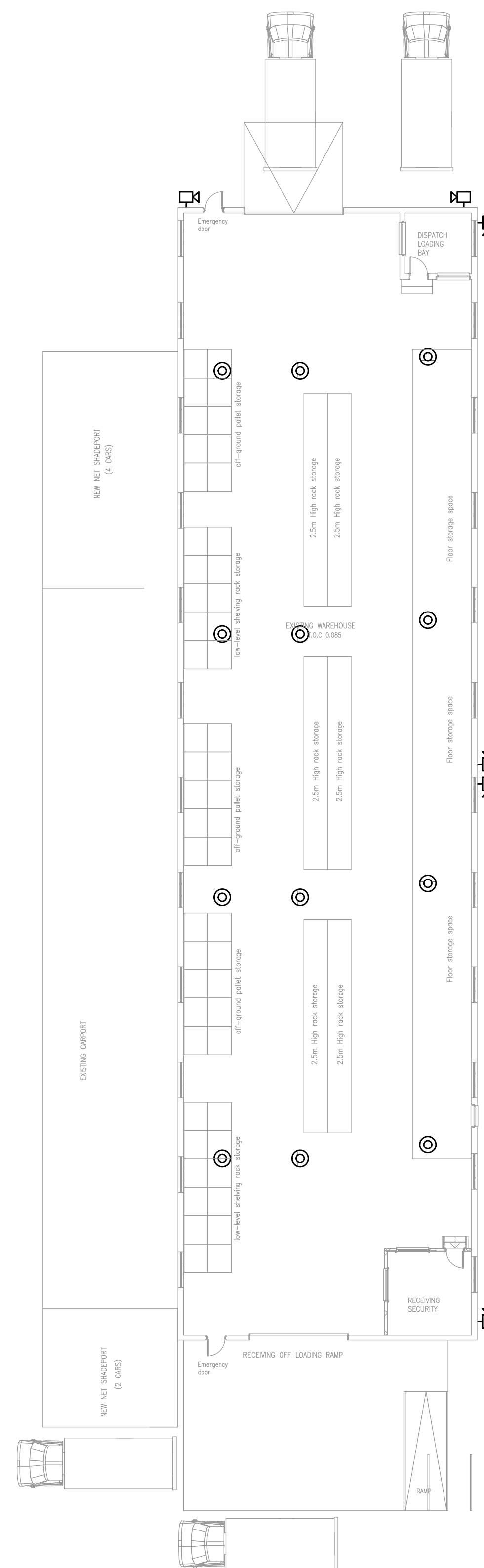
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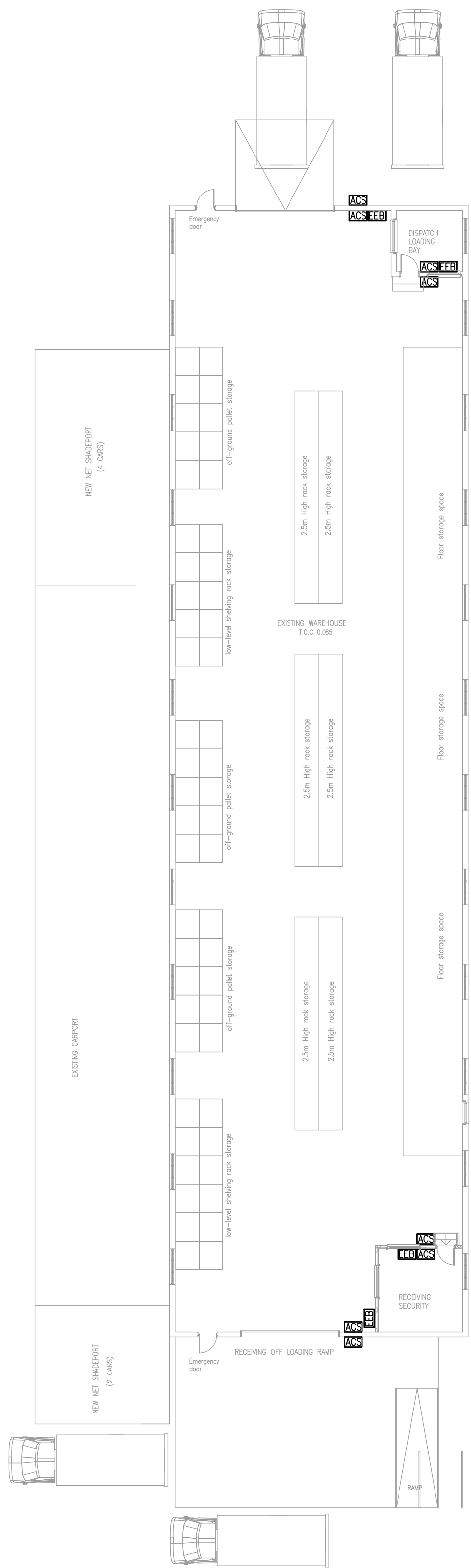
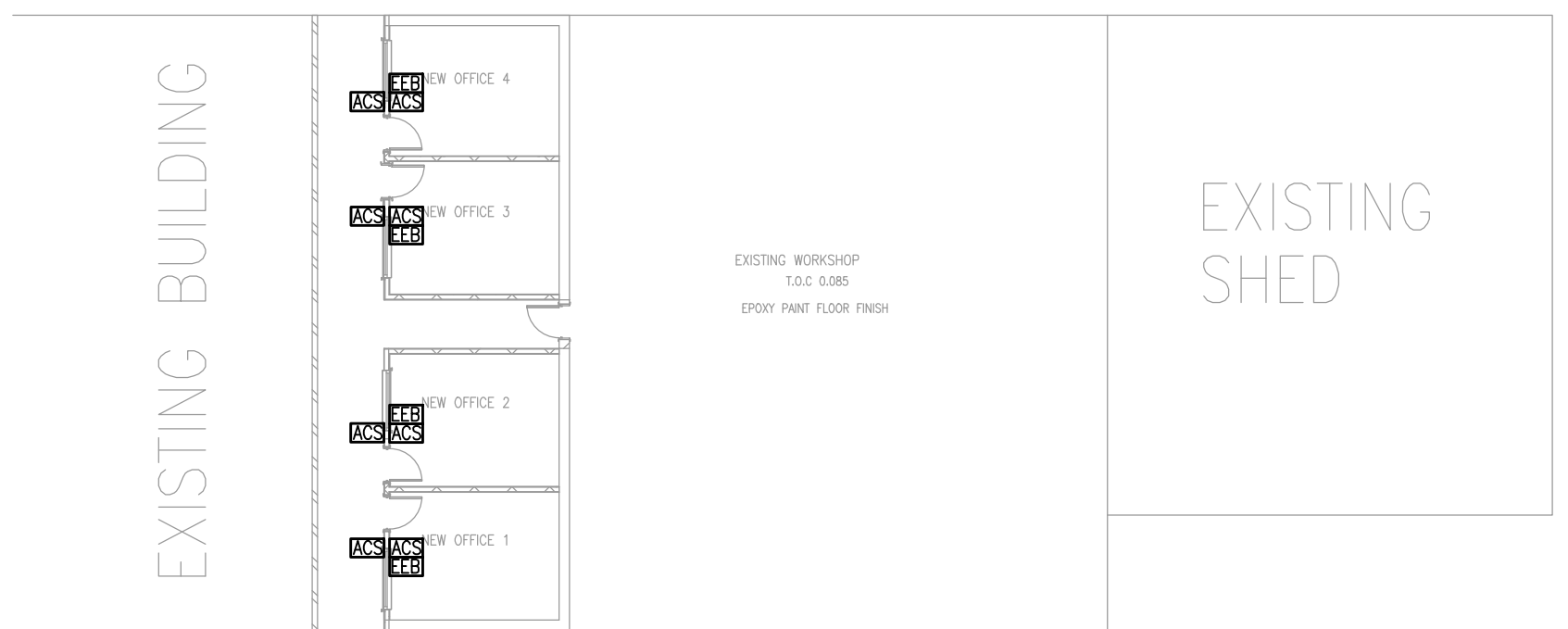
	#16mm x 500mm LONG COPPER AIR TERMINATION ROD
	ROOF TERMINATION POINT TO GROUND EARTHING SYSTEM VIA A 50mm ² BARE COPPER EARTH WIRE WITH TERMINATION BOX @ 300mm A.F.F.L. (SEE DETAIL A)

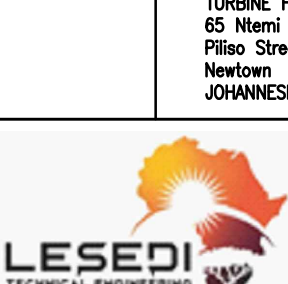
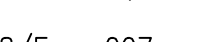
NOTE:
1. EARTHING AND LIGHTNING PROTECTION SYSTEM SHOULD BE ACCORDING TO SANS 10142-1, SANS 10292, SANS 10313 AND BE DONE BY AN EARTHING & LIGHTNING SPECIALIST WHO WILL ISSUE A TEST CERTIFICATE.

GENERAL NOTES:					
B	ISSUED FOR TENDER	W.C.	W.C.		19-11-2024
Rev	Description	BY	Chk'd	Eng	Date
Revision History					
CLIENT:					
					
Physical Address			Postal Address		
2 Link Road Longloote JOHANNESBURG 2093			TURBINE HALL 65 Ntami Pisoa Street Newton JOHANNESBURG		
					
Physical Address			Postal Address		
LTE House Kidrummy Office Park, Glenfleur Building 5 Orr Wilkoppen and Umhlanga Avenue Paulshof 2191 Tel: + 01 0015 5388			Postnet Suite No. 326 Private Bag X26 Sunninghill 2157		
APPROVED BY:					
PROF. REGISTRATION:					
DATE:					
Project Name: JOBURG WATER BUILDING UPGRADE FOR MEGA WAREHOUSE IN LANGLAAGTE					Project Number: ECS328
Drawing Title:					
LIGHTNING PROTECTION SYSTEM LAYOUT					
Size A1	Drawing No. ECS328/E – 005				Rev B
Approved					
Engineer	W. CHANAKIRA			21-05-2024	
Checked	K. MUDZAMIRI			20-05-2024	
Drawn	W. CHANAKIRA			20-05-2024	
Scale 1:150	Name	Signed		Date	
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GENERAL NOTES:					
B	ISSUED FOR TENDER	W.C.	W.C.		19-11-2024
Rev	Description	BY	Chk'd	Eng	Date
Revision History					
CLIENT:					
 Johannesburg Water					
Physical Address			Postal Address		
2 Link Road Langloote JOHANNESBURG 2093			TURBINE HALL 65 Ntlemi Piso Street Newton JOHANNESBURG		
 LESEDI TECHNICAL ENGINEERING & CONSTRUCTION A DIVISION OF LESLIE'S GROUP OF COMPANIES					
Physical Address			Postal Address		
LTE House Kidnammy Office Park, Gertrugger Building 5 Or Mlaken and Umkhango Avenue Paulshof 2191 Tel : + 01 0015 5388			Postnet Suite No. 326 Private Bag X26 Sunninghill 2157		
APPROVED BY:					
PROP. REGISTRATION:					
DRAWN:					
Project Name: JOBURG WATER BUILDING UPGRADE FOR MEGA WAREHOUSE IN LANGLAAGTE					Project Number: ECS328
Drawing Title:					
ACCESS CONTROL SYSTEM LAYOUT					
Size A1	Drawing No. ECS328/E – 007				Rev B
Approved Engineer	W. CHANAKIRA				21-05-2024
Checked	K. MUJZAMIRI				20-05-2024
Drawn	W. CHANAKIRA				20-05-2024
Scale 1:150	Name	Signed			Date
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EXISTING BUILDING

NEW OFFICE 4

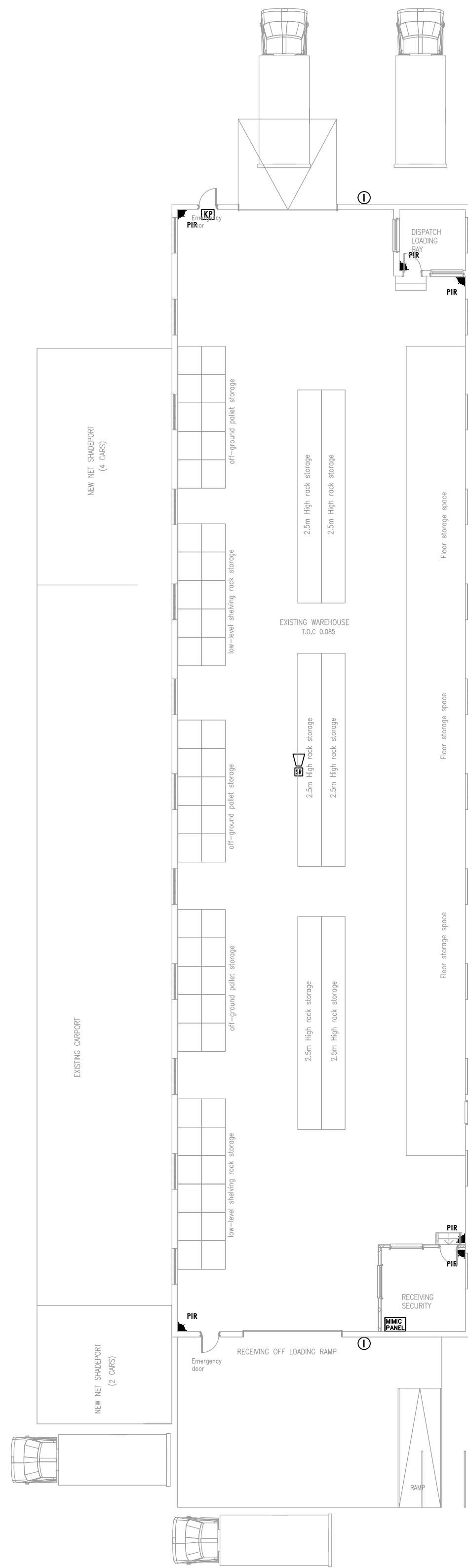
NEW OFFICE 3

NEW OFFICE 2

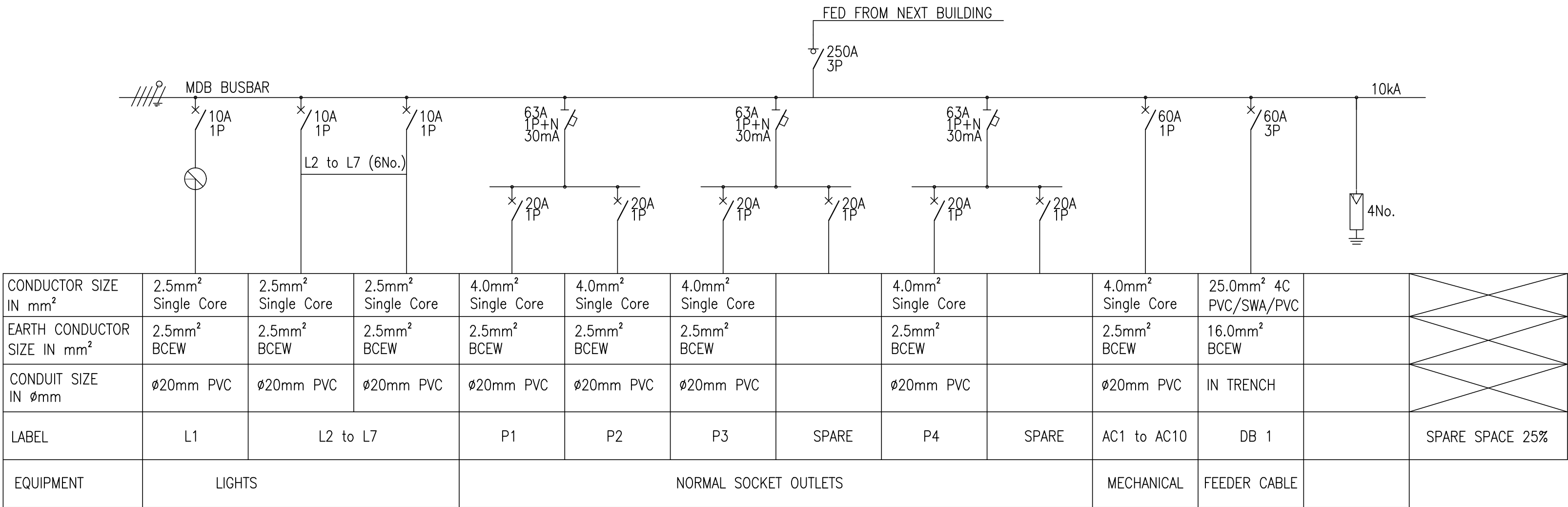
NEW OFFICE 1

EXISTING WORKSHOP
10.0 DOORS
EPOXY PAINT FLOOR FINISH

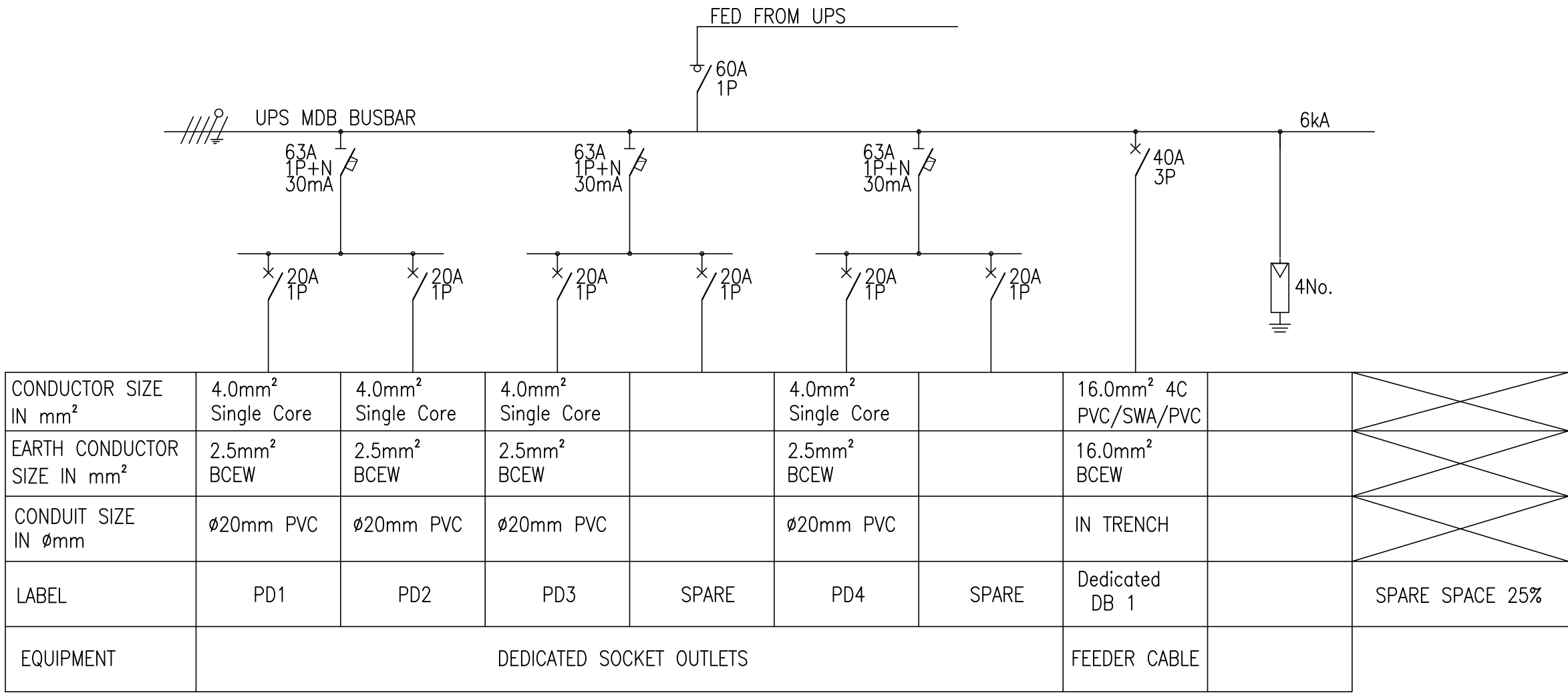
EXISTING SHED



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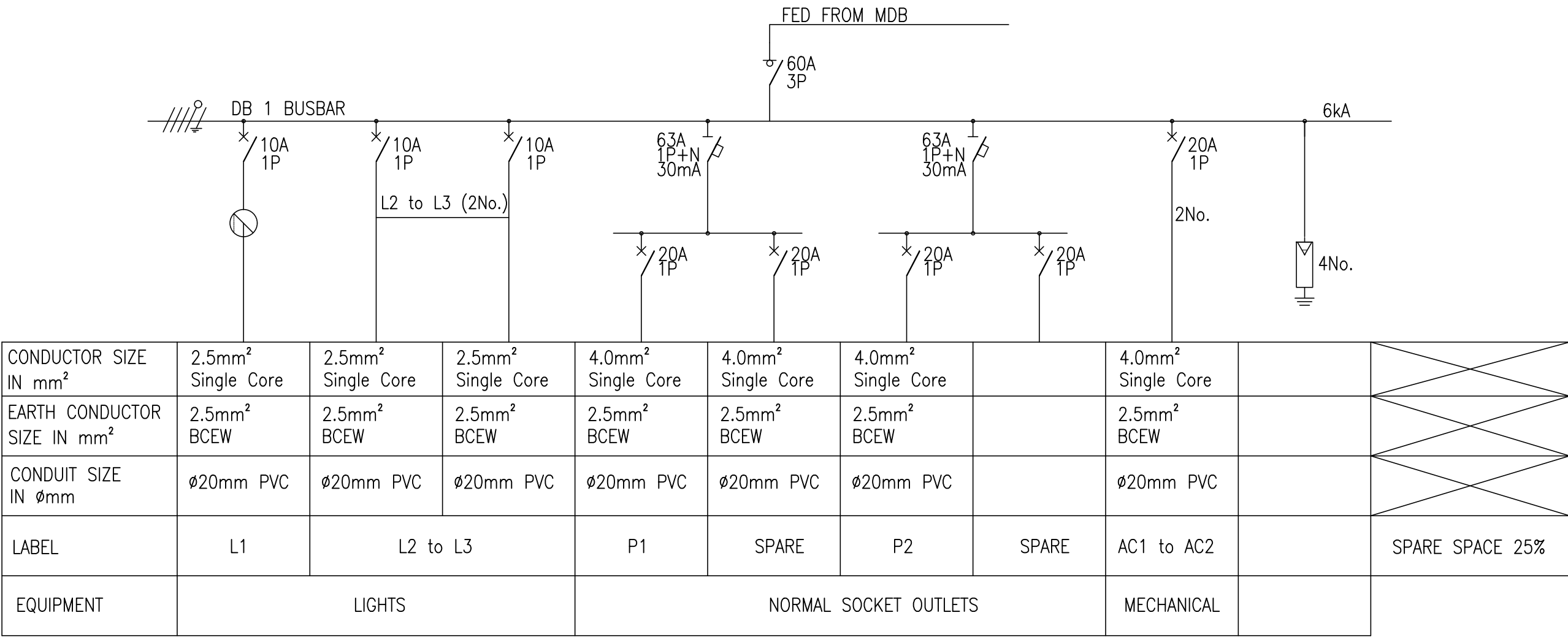
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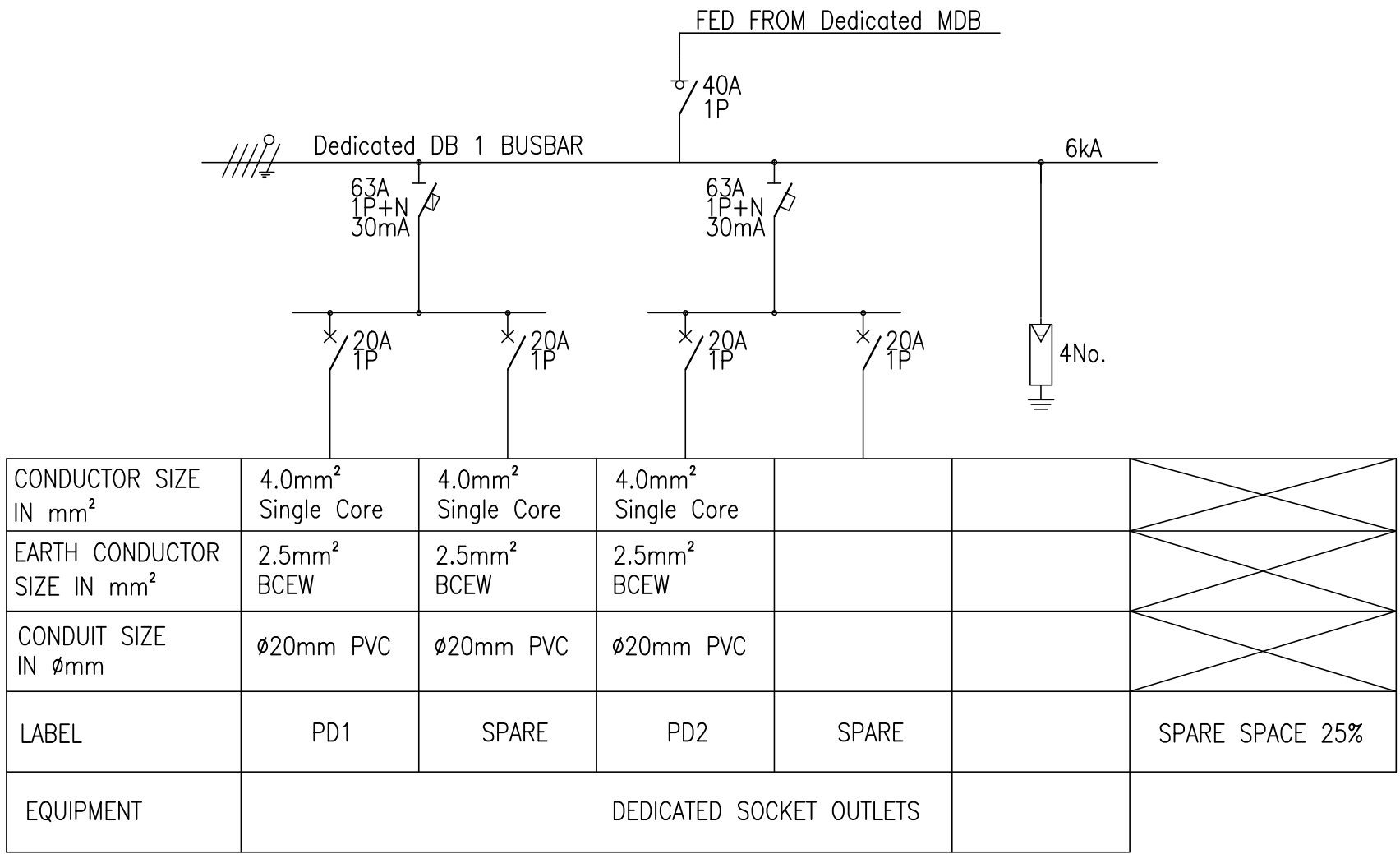
MDB (DEDICATED)

SCHEMATIC SYMBOL LIST:

	MOULDED CASE CIRCUIT BREAKER (xP, rating Amps)(xP, poles)
	ON LOAD ISOLATOR (xP, rating Amps)(xP, poles)
	EARTH LEAKAGE (xP, rating Amps)(xP, poles)(xmA, relay value)
	CONTACTOR (xP, rating Amps)(xP, poles)
	EARTH LEAKAGE WITH OVERLOAD (xP, rating Amps)(xP, poles)(xmA, relay value)
	3PHASE, NEUTRAL & EARTH BAR (xP, fault level rating)
	SURGE ARRESTOR (xP, rating Amps)(xP, fault level rating)
	TRANSFORMER



DB 1



DB 1 (DEDICATED)

GENERAL NOTES:

B	ISSUED FOR TENDER	W.C.	W.C.		19-11-2024

Rev	Description	BY	Chk'd	Eng	Date

Revision History

CLIENT:



Physical Address	Postal Address
2 Link Road Longloote JOHANNESBURG 2093	TURBINE HALL 65 Mami Piso Street Newton JOHANNESBURG



Physical Address	Postal Address
LTE House Kildrummy Office Park, Glenfloger Building 5 Cnr Wilkopen and Umhlanga Avenue Paulshof 2191 Tel: + 01 0015 5388	Postnet Suite No. 326 Private Bag X26 Sunninghill 2157

APPROVED BY:

PROF. REGISTRATION:

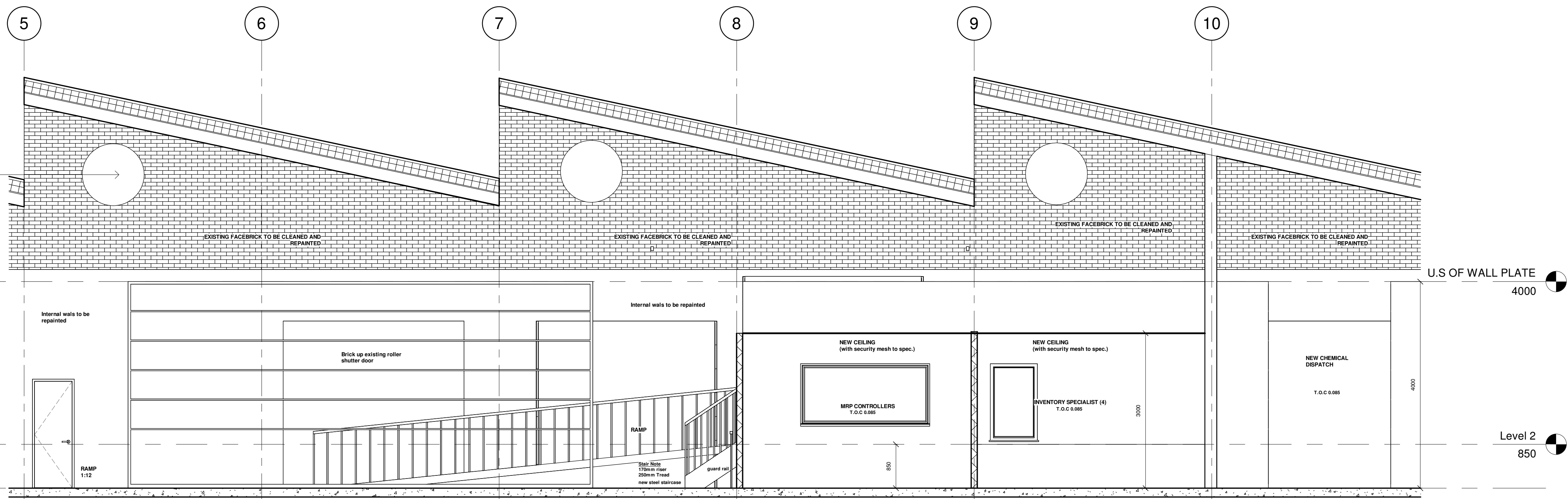
DATE:		
Project Name:	JOBURG WATER BUILDING UPGRADE FOR MEGA WAREHOUSE IN LANGLAAGTE	Project Number: BCS328

Drawing Title:

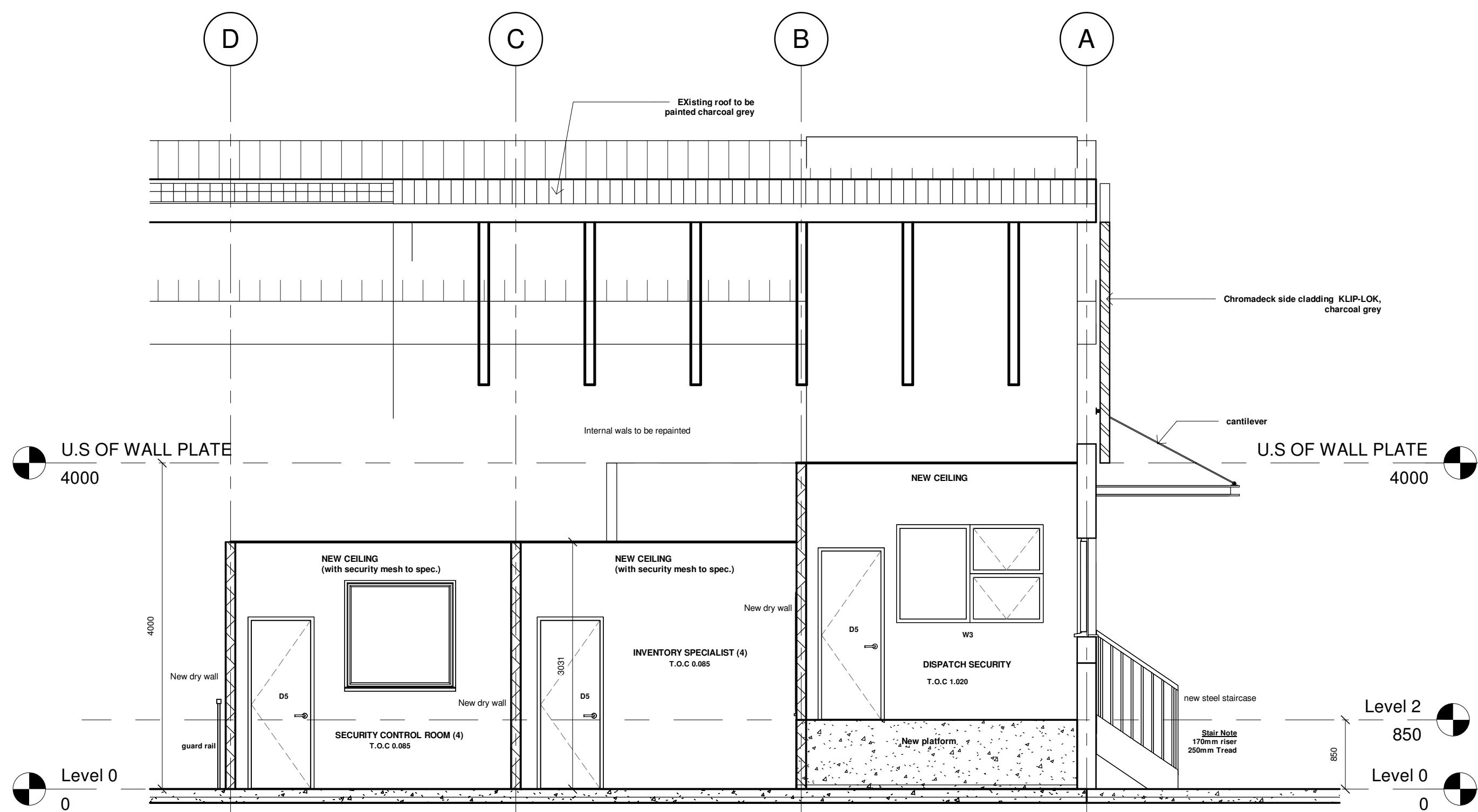
INTRUDER ALARM SYSTEM LAYOUT

Size	Drawing No.	Rev
A1	ECS328/E - 009	B
Approved		
Engineer	W. CHANAKIRA	21-05-2024
Checked	K. MUDZAMIRI	20-05-2024
Drawn	W. CHANAKIRA	20-05-2024
Scale	1:150	
Name	Signed	Date

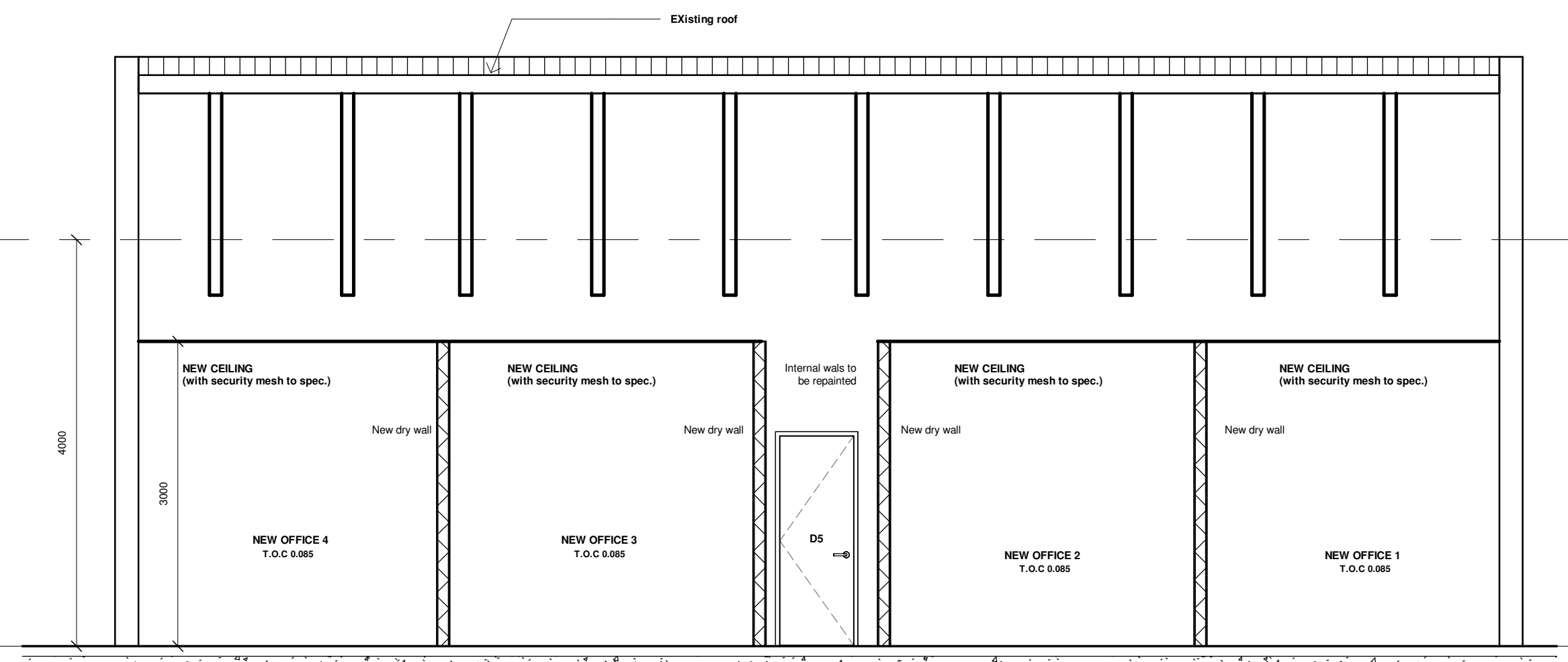
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SECTION B-B
SCALE 1:50



SECTION A-A
SCALE 1:50

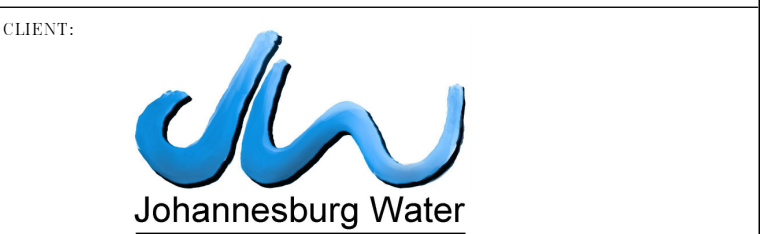


SECTION C-C
SCALE 1:50

GENERAL NOTES:

FOR TENDER

Drg. No.		Description			
Reference Drawings					
B	ISSUED FOR TENDER	NC	NC	KM	19-11-24
Rev	Description	BY	Chk'd	Eng	Date



Physical Address	Postal Address
2 LINK ROAD, LANGLAAGTE, JOHANNESBURG, 2093	TURBINE HALL 65 NTEMI PLUSO STREET NEWTOWN JOHANNESBURG



Physical Address	Postal Address
LESEDI House Kildrummy Office Park, Clentenger Building 5 Cor Wilkopen and Umhlanga Avenue Poulters 2191 Tel: + 010 822 1050	Postnet Suite No. 326 Private Bag 426 Sunninghill 2157

APPROVED BY:

PROF. REGISTRATION:

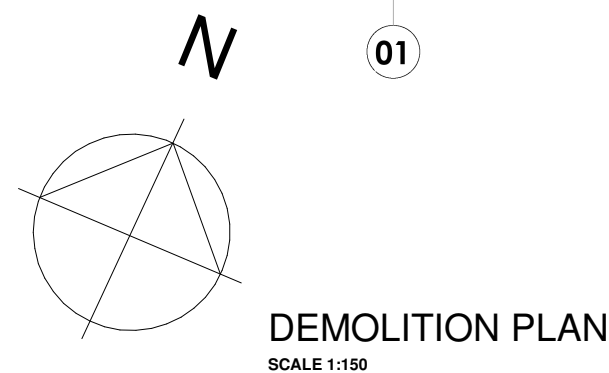
DATE:	Project Name:	Project Number:
	JOBURG WATER BUILDING UPGRADE FOR MEGA WAREHOUSE IN LANGLAAGTE	

Drawing Title:

MEGA STORE BUILDING SECTIONS

Size	LESEDI Drawing No.	Rev
A1	EC.S328-ARCH-002	B
Approved	N. CHISALE	
Engineer	K. MUDZAMIRI	
Checked	N. CHISALE	
Drawn	N. CHISALE	
Scale	Name	Signed
AS SHOWN		
		Date

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FOR TENDER

Drg. No.		Description			
Reference Drawings					
B	ISSUED FOR TENDER	NC	NC	KM	10-11-24
Rev	Description	BY	Chk'd	Eng	Date



Physical Address	Postal Address
2 LINK ROAD, LANGLAAGTE, JOHANNESBURG, 2093	TURBINE HALL 65 NTEMI PILISO STREET NEWTOWN JOHANNESBURG



Physical Address	Postal Address
LESEDI House Kildrummy Office Park, Glenflager Building 5 Cnr Witkoppen and Umhlanga Avenue Paulshof 2191 Tel: + 010 822 1050	Postnet Suite No. 326 Private Bag X26 Sunninghill 2157

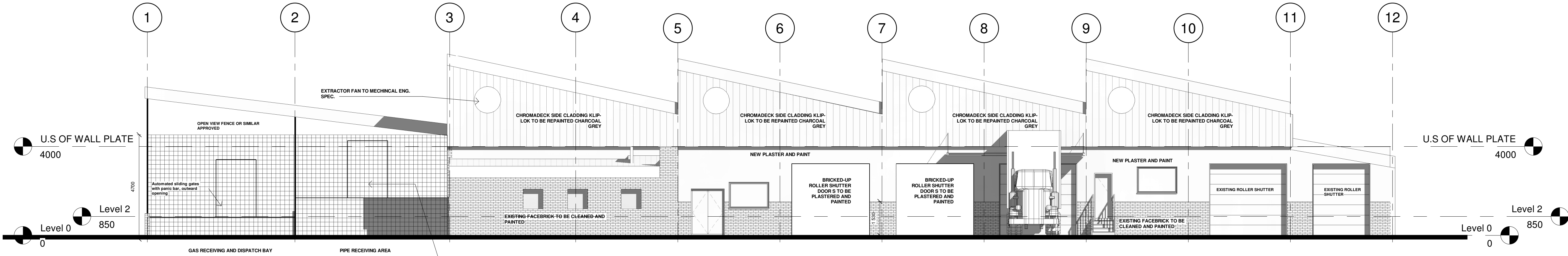
PROF. REGISTRATION:

Project Name:	Project Number:
JOBURG WATER BUILDING UPGRADE FOR MEGA WAREHOUSE IN LANGLAAGTE	

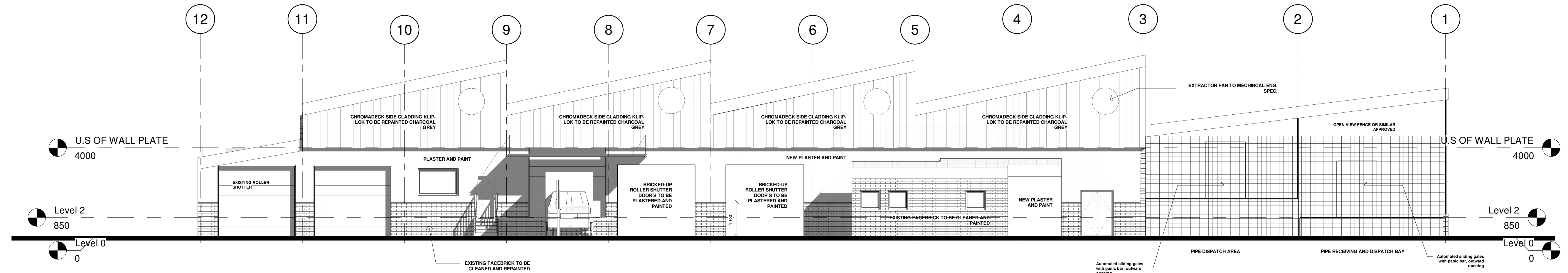
Drawing Title:
EXISTING PLAN LAYOUT FOR
DEMOLITIONS

Size	LESEDI Drawing No.			Rev
A1	ECS328-ARCH-003			B
Approved Engineer	N. CHISALE K. MUDZAMIRI			
Checked	N. CHISALE			
Drawn	N. CHISALE			
Scale	AS SHOWN	Name	Signed	Date

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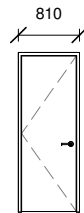
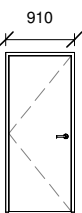
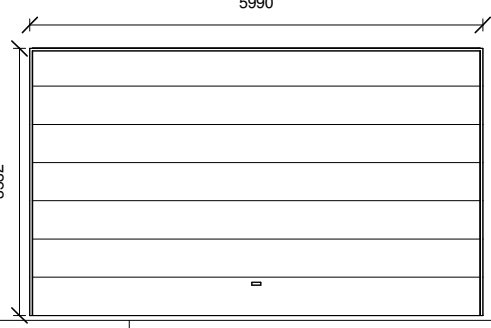
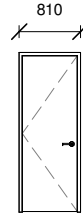
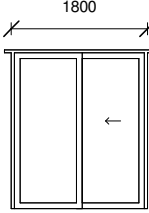
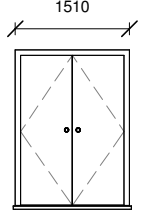
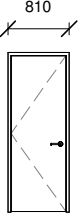


SOUTH ELEVATION-STORAGE WAREHOUSE
SCALE 1:100

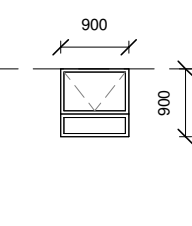
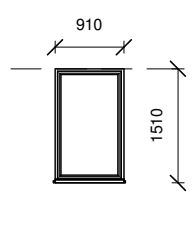
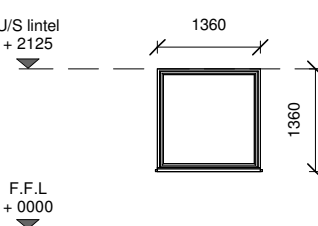
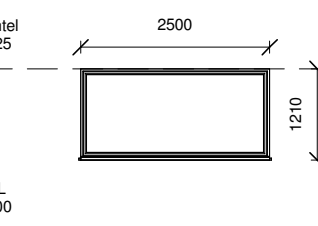
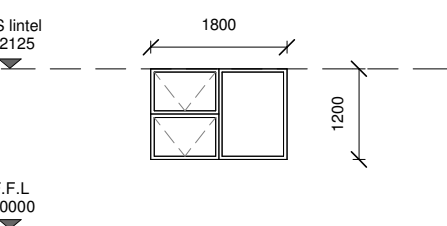


NORTH ELEVATION-STORAGE WAREHOUSE
SCALE 1:100

Door Schedule

							
DOOR NO. D01	DOOR NO. D02	DOOR NO. D03	DOOR NO. D04	DOOR NO. D05	DOOR NO. D06	DOOR NO. D07	DOOR NO. D08
POSITION ABLUTIONS	POSITION DISABLED BATHROOMS	POSITION LOADING BAYS	POSITION WAREHOUSE, OVER FLOW, CHEM. STORE	POSITION OFFICES	POSITION CHEMICAL STORE	POSITION WAREHOUSE	POSITION LOADING BAYS
NO. REQUIRED 11	NO. REQUIRED 02	NO. REQUIRED 02	NO. REQUIRED 05	NO. REQUIRED 15	NO. REQUIRED 02	NO. REQUIRED 02	NO. REQUIRED 02
DESCRIPTION HOLLOW CORE DOOR	DESCRIPTION HOLLOW CORE DOOR	DESCRIPTION CUSTOM INDUSTRIAL ROLLER SHUTTER (6X3.5)	DESCRIPTION SOLID HARDWOOD FIRE DOOR (40mm)	DESCRIPTION ALUMINIUM SLIDING DOORS	DESCRIPTION ALUMINIUM SLIDING DOORS	DESCRIPTION SEMI-SOLID HARDWOOD DOUBLE DOOR	DESCRIPTION SOLID HARDWOOD DOOR
FRAME STANDARD TIMBER FRAME	FRAME STANDARD TIMBER FRAME	FRAME ALUMINIUM	FRAME STANDARD TIMBER FRAME	FRAME ALUMINIUM	FRAME ALUMINIUM	FRAME STANDARD TIMBER FRAME	FRAME STANDARD TIMBER FRAME
FINISH VARNISH	FINISH VARNISH	FINISH CHARCOAL GREY	FINISH VARNISH	FINISH CHARCOAL GREY	FINISH CHARCOAL GREY	FINISH VARNISH	FINISH VARNISH
DOOR LEAF VARNISH PAINTED DOOR LEAF	DOOR LEAF VARNISH PAINTED DOOR LEAF	DOOR LEAF SAND BLASTED GLASS PANELS	DOOR LEAF VARNISH PAINTED DOOR LEAF	DOOR LEAF SAND BLASTED GLASS PANELS	DOOR LEAF SAND BLASTED GLASS PANELS	DOOR LEAF VARNISH PAINTED DOOR LEAF	DOOR LEAF VARNISH PAINTED DOOR LEAF
IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL

Window Schedule

				
WINDOW NO. W01	WINDOW NO. W02	WINDOW NO. W03	WINDOW NO. W04	WINDOW NO. W05
POSITION ABLUTIONS	POSITION OFFICES	POSITION STAFF ROOM	POSITION OFFICES	POSITION KITCHEN, SECURITY OFFICES
NO. REQUIRED 06	NO. REQUIRED 02	NO. REQUIRED 02	NO. REQUIRED 03	NO. REQUIRED 03
DESCRIPTION PTT99	DESCRIPTION PTT915	DESCRIPTION CUSTOM MADE	DESCRIPTION CUSTOM MADE	DESCRIPTION PTT1812
FRAME ALUMINIUM FRAME	FRAME ALUMINIUM FRAME	FRAME ALUMINIUM FRAME	FRAME ALUMINIUM FRAME	FRAME ALUMINIUM FRAME
FINISH POWDER COATED ALUMINIUM FRAME	FINISH POWDER COATED ALUMINIUM FRAME	FINISH POWDER COATED ALUMINIUM FRAME	FINISH POWDER COATED ALUMINIUM FRAME	FINISH POWDER COATED ALUMINIUM FRAME
GLAZING LAMINATED GLAZING	GLAZING LAMINATED GLAZING	GLAZING LAMINATED GLAZING	GLAZING LAMINATED GLAZING	GLAZING LAMINATED GLAZING
IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL	IRONMONGERY HINGES AND HANDLES TO MANUFACTURERS SPECIFICATION AND CLIENT APPROVAL

GLAZING AND SAFETY GLAZING NOTES:

All bathroom windows to be fitted with frosted glass.

Doors and sidelights that form part of any entrance up to 2.1m in height from finished floor level shall be fitted with safety material that complies with requirements of SANS 1263-1.

Windows with a sill height of less than 900mm in height from floor level shall be fitted with safety material that complies with requirements of SANS 1263-1.

Windows with a sill height of less than 900mm in height from floor level without any permanent barrier that prevents persons from coming into contact with the glass panel, and are so placed that persons are likely to move directly towards such window on normal traffic routes shall be fitted with safety material that complies with requirements of SANS 1263-1.

Glass in balconies shall be toughened safety glass unless rigidly supported on all sides.

All glazing as per requirements of SANS 10400-XA, SANS 204, SANS 19137 and SANS 1263.

Existing windows to be painted Charcoal grey.

GENERAL NOTES:

FOR TENDER

Drg. No.	Description
Reference Drawings	
B	ISSUED FOR TENDER
Rev	Description
BY	NC
Chk'd	NC
Eng	KW
Date	19-11-24



Physical Address	Postal Address
2 LINK ROAD, LANGLAAGTE, JOHANNESBURG, 2093	TURBINE HALL 65 NTEMU PLUSO STREET NEWTOWN JOHANNESBURG



Physical Address	Postal Address
LESEDI House Kildrummy Office Park, Clientage Building 5 Cnr Wilkopp and Umhlanga Avenue Poulshef 2191 Tel: + 010 822 1050	Postnet Suite No. 326 Private Bag X28 Sunninghill 2157

APPROVED BY:

PROF. REGISTRATION:

DATE:

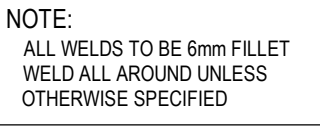
Project Name:
JOBURG WATER BUILDING UPGRADE
FOR MEGA WAREHOUSE IN LANGLAAGTE

Drawing Title:

MEGA STORE ELEVATIONS

Size	LESEDI Drawing No.	Rev
A1	EC.S328-ARCH-004	B
Approved	N. CHISALE	
Engineer	K. MUDZAMIRI	
Checked	N. CHISALE	
Drawn	N. CHISALE	
Scale	AS SHOWN	
Name	Signed	Date

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FOR TENDER

Dr. No.		Description			
Reference Drawings					
3	ISSUED FOR TENDER	NC	NC	KM	10-11-24
rev	Description	BY	Chk'd	Eng	Date
Revision History					

CLIENT:



Johannesburg Water

Physical Address	Postal Address
2 LINK ROAD, LANGLAAGTE, JOHANNESBURG, 2003	TURBINE HALL 65 NTEMI PILISO STREET NEWTOWN JOHANNESBURG

	
Physical Address LESEDI House Kidwenny Office Park, Gertgenia Building 5 Cnr Mkippeno and Umthango Avenue Paulshof 2191 Tel: + 010 822 1050	Postal Address Postnet Suite No. 326 Private Bag X26 Sunninghill 2157

PROJECT NAME:	PROJECT NUMBER:
BOBURG WATER BUILDING UPGRADE	
FOR MEGA WAREHOUSE IN LANGLAAGTE	

Drawing Title:				
PROJECT NAME BOARD INFORMATION				
Size	LESEDI Drawing No.			Rev
A1	ECS328 - GEN - 001			B
Approved Engineer	N. CHISALE K. MUDZAMIRI			
Checked Drawn	N. CHISALE N. CHISALE			
Scale AS SHOWN	Name			
		Signed		Date