

Grand total

ROOF SPECIFICATIONS

WATERPROOFING:
CLEAN DOWN AND PREPARE SCREED ON CONCRETE ROOF, PRIME WITH BITUMEN PRIMER, APPLY DERBIGUM SP 4mm TORCH-ON MEMBRANE, FULLY BONDED INCLUDING ALL TURN-UPS OR SIMILAR APPROVED. PROVIDE DERBIGUM COLLAR AT SAINT GOBAIN "PIPELINES" ROOF OUTLET. THE WATERPROOFING TO BE LAID STRICTLY ACCORDING TO THE MANUFACTURER'S SPEC. AND ONLY AN APPROVED "DERBIGUM" ROOFING CONTRACTOR MAY INSTALL THE WATERPROOFING.
ABE "SILVAKOTE" ABOVE WATERPROOFING.

GLOBAL ROOFING SOLUTIONS 700MM COVER KLP-TITNET PROFILE
ROLL-FOURDED IN CONTINUOUS LENGTHS FROM 0.5MM THICK GALVALUME COATED STEEL. AVAILABLE IN WHITE, LIGHT BLUE, LIGHT GREEN, LIGHT GREY, LIGHT BROWN, LIGHT TAN, LIGHT FISH SCALE, WHITE FINISH TOP COAT AND PEBBLE GRAY BAKING COAT.
ROOF SHEETING: FINISH TO STEEL INTERMEDIATE PURLINS AT MAX 2100MM CENTRES (FINA. SPACING TO BE CALCULATED BY AN APPROVED CONTRACTOR). END RISE PURLINS AT MAX 2100MM CENTRES (FINA. SPACING TO BE CALCULATED BY AN APPROVED CONTRACTOR). CLIP TO CLIP OF PH2 SCREWS, NO. 3 DRILL POINT FASTENERS (FASTER LENGTH MAY VARY DEPENDING ON CLIP TYPE AND FASTENER TYPE).
MANUFACTURER'S SPECIFICATIONS BY A GRS APPROVED CONTRACTOR. NOTE: KLP-TITNET MUST BE SUPPLIED WITH APPROVED GLOBAL ROOFING SOLUTIONS OVER-ROOFING SYSTEM.

PROPOSED ROOF INSULATION
135MM THICK FLEXIWOOL CLASS A FIRE RATED-NON COMBUSTIBLE INSULATION WITH ECOSSE BRAND, FIRE BOTTLED AND LAID OUT TO MANUFACTURER'S SPECIFICATIONS BY A GRS APPROVED CONTRACTOR. OVER-ROOFING SYSTEM COMPLYING WITH SANS 428:2007 ALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

FAÇADE SPECIFICATIONS

A = SPECIFICATION FOR THE 2 TYPES OF ALUMINUM CLADDING (SOLID AND COMPOSITE)

OPTION 1: ALUMINUM COMPOSITE CLADDING
1.1 ALUMINUM 4MM WITH POI COATING, 0.5MM SKINS
FINISH TO ARCHITECT SPECIFICATION
FIRE RATING TO FIRE CONSULTANT SPECIFICATION

OPTION 2: SOLID ALUMINUM POWDER COATED PANELS
1.2 ALUMINUM 4MM WITH POI COATING, 0.5MM SKINS
FINISH TO ARCHITECT SPECIFICATION
FIRE RATING TO FIRE CONSULTANT SPECIFICATION

3. FINISHING – TYPICAL TO FIX TO CONCRETE –
PANELS AND SUB STRUCTURE

FIXING DETAIL: TO SPECIALIST DETAIL, AND FAÇADE ENGINEERS
APPROVAL

ESTIMATED OFFSET FROM CONCRETE 120MM
(ARCHITECT TO ADVISE)

FIRE RATING

FIRE RATING TO FIRE CONSULTANT SPECIFICATION, AS
DISCUSSED THIS WOULD NEED TO BE
OBTAINED FROM THE FIRE CONSULTANT, THIS WILL EITHER BE A
B OR A RATING

A COST / PRICING

NOTES:

ALL WORK SHALL BE CARRIED OUT AND AS PER REGULATORY REQUIREMENTS AS PERTAINED IN THE SOUTH AFRICAN NATIONAL STANDARD

PART 1	GENERAL PRINCIPLES AND REQUIREMENTS SANS 10400-2:2010 EDITION 3
PART 2	GENERAL PRINCIPLES AND REQUIREMENTS SANS 10400-3:2010 EDITION 3
PART 3	PUBLIC SAFETY SANS 10400-4:2010 EDITION 3
PART 4	GENERAL PRINCIPLES AND REQUIREMENTS SANS 10400-5:2010 EDITION 3
PART 5	EXHAUSTION SANS 10400-6:2010 EDITION 3
PART 6	COOLING SANS 10400-7:2010 EDITION 3
PART 7	HEATING SANS 10400-8:2010 EDITION 3
PART 8	STAIRWAYS SANS 10400-9:2010 EDITION 3
PART 9	ROOFING SANS 10400-10:2010 EDITION 3
PART 10	LIGHTING AND VENTILATION SANS 10400-11:2010 EDITION 3
PART 11	ACCESSIBILITY SANS 10400-12:2010 EDITION 3
PART 12	FACILITIES FOR PERSONS WITH DISABILITIES SANS 10400-20:2010 EDITION 3
PART 13	WATER SUPPLY SANS 10400-21:2010 EDITION 3
PART 14	SPACE HEATING SANS 10400-22:2010 EDITION 3
PART 15	ENERGY EFFICIENCY IN BUILDINGS SANS 10400-23:2010 EDITION 1
PART 16	

[illegible]

FIRE PROTECTION NOTATIONS

1. FIRE RATING TO COMPLY WITH ACT 108 OF 1977 AND SANS 3054-1996
2. OCCUPANCY CLASSIFICATION
3. FIRE RATING TO BE INSTALLED IN ACCORDANCE WITH SANS 8106
4. FIRE PROTECTIONS TO BE IN ACCORDANCE WITH SARS CODE OF PRACTICE 0430, ALL FLOOR LEVELS AND ROOF DECKS TO BE PROTECTED WITH 2 HOURS FIRE RATING FLOOR LEVELS, ROOF DECKS TO BE PROTECTED WITH 1 HOUR FIRE RATING
- 4A. HOSE REELS TO BE INSTALLED IN ACCORDANCE WITH SANS 343
5. FIRE PROTECTION TO BE IN ACCORDANCE WITH ACT 108 OF 1977 AND SANS 3054-1996
6. TO BE FIXED TO WALLS WITH HANGING ROD BOLTS, 210mm AROUND FLOOR LEVELS TO CENTRE
7. FIRE HOSE REEL
8. WATER SUPPLY TO THE FIRE PROTECTION TO COMPLY WITH THE ATTACHED FIRE PROTECTION SPECIFICATION AND WATER BRANCH BY LAWS
9. ALL PIPES TO BE FITTED WITH APPROVED JOINTING DEVICES TO COMPLY WITH SANS 1188
10. PIPES TO BE INSTALLED IN ACCORDANCE WITH ACT 108 OF 1977 AND SANS 3054-1996, PICTORIAL SIGNS INDICATING FIRE EQUIPMENT TO BE PROVIDED AND TO COMPLY WITH SANS 1188
11. PORTABLE FIRE EXTINGUISHERS TO BE HUNG ON PORTABLE MOUNTED BOWERS AS SHOWN ON PLAN
12. ROOF DECKS SURROUNDING WITH NON-COMBUSTIBLE FIRE STOPS INTO AREAS NOT EXCEEDING 500mm WITH BRICK WALLS
13. ROOF DECKS SURROUNDING WITH NON-COMBUSTIBLE FIRE STOPS INTO AREAS NOT EXCEEDING 500mm WITH BRICK WALLS
14. STRUCTURAL ELEMENTS AND COMPONENTS SHALL HAVE A MINIMUM SAFETY RATING OF 15 MINUTES
15. LOCATION OF WATER RETICULATION SYSTEM, WATER BRANCH WALLS BE CONTACTED FOR FURTHER INSPECTION AND VERIFICATION
16. ALL COMMUNICATION PIPES TO BE LESS THAN 25mm

20mm DRAINAGE NOTES

1. ALL PAVING AND DRAINAGE WORK AND INSTALLATION OF SANITARY FITTINGS TO BE IN ACCORDANCE WITH THE RELEVANT LOCAL AUTHORITY'S LAIS, REGULATIONS AND REQUIREMENTS.
2. ALL DRAIN PIPS - MINIMUM FALL - 1% MIN. MAXIMUM FALL - 1:10.
3. ALL DRAIN PIPES TO BE 100mm DIA. AND ACCESSIBLE ALONG ENTIRE LENGTH OF THE PIPE.
4. ALL PIPES TO BE PROVIDED AT EVERY BEND, JUNCTION AND CHANGE IN DIRECTION AND EVERY 2400mm WITH COVERED COVERS AT GROUND LEVEL.
5. ALL WASTE PIPES FITTING TO HAVE APPROPRIATE RISING MAINS.
6. WENT PIPES OUTLET TO BE MIN. 25 ABOVE ANY OVERSILL.
7. ALL DRAIN PIPES TO HAVE 100mm DIA. GALVALY GRATING AND TO BE 150mm ABOVE SURROUNDING LEVEL.
8. ALL DRAIN PIPES AND FITTINGS TO BE ENCASED IN MIN. 100mm CONCRETE ALL AROUND THE PIPE.
9. ALL DRAIN PIPES AND FITTINGS TO BE CLEANED AND RE-FITTED WITH ACCESSIBLE C-BOX ABOVE FLOOR LEVELS AT EACH END OR QS. 600.
10. NO DRAIN REDS TO BE RUN IN OR UNDER FLOOR SLAB.
11. KID'S ALL DRAINAGE WORK TO BE IN ACCORDANCE WITH THE RELEVANT LOCAL AUTHORITY'S LAIS, REGULATIONS AND REQUIREMENTS.

RAILING NOTES


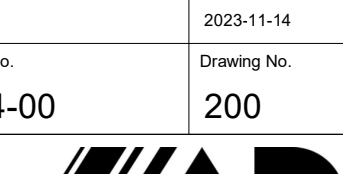
THE SALLISTRATHS ARE A DESIGN AND SUPPLY CONTRACT, AND THE SUBCONTRACTOR MUST PROVIDE A PROFESSIONAL ENGINEERS CERTIFICATE ON COMPLETION.

FOR CONSTRUCTION

NOTE:

- 1. This drawing may not be scaled. Only figured dimensions and levels may be used.
- 2. All Dimensions and levels to be checked on site before commencement of work. Refer any discrepancies to the ADA representative immediately.
- 3. This drawing is to be used in conjunction with all relevant contracts, and consulting engineers drawings.
- 4. All works to be carried out in accordance with local authority requirements, National Building Regulations, and relevant S.A.B.S. standards.

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CHEN PRASA Be moved	 prasa PASSENGER RAIL AGENCY OF SOUTH AFRICA	
Project Park Station		
Drawing ROO PLAN COMPLETE FOR REFERENCE PURPOSES ONLY		
Scale 1 : 375	Date 2023-11-14	Drawn SR
Project No. 21464-00	Drawing No. 200	Revision No. A
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