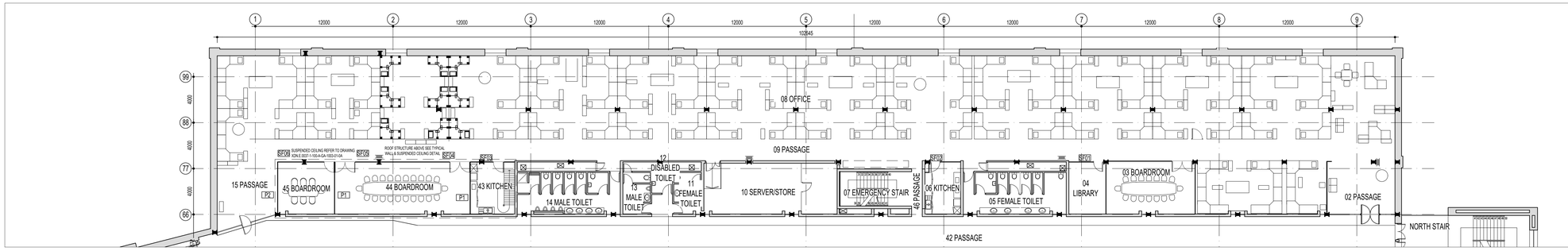



PARTITION & SHOPFRONT LAYOUT

## FIRST STOREY LAYOUT

SCALE 1:150

GENERAL NOTES:

OCCUPANCY CLASSIFICATION G1, OFFICES

CONSTRUCTION NOTES:

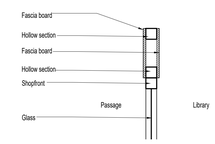
ROOF TO COMPLY WITH PART L OF SANS 10400 :

Ceiling:

Ceiling as per ceiling plan, refer to drawing: XDN.E.0037-1-100-A-GA-1003-01-0A.

**NOTES**

1. **Do not scale drawing - only dimensions shown to be used.**
2. **The contractor shall verify all conditions, dimensions and levels on the site and notify the NEC supervisor of any variations before construction.**
3. **All levels are in meters to mean sea level.**
4. **Where brand or trade names are referenced in the drawing(s), equivalent and approved products shall be considered by the project team. The product manuals, information sheets or data sheets shall be submitted for review and approval prior to construction, installation and/ or manufacture.**

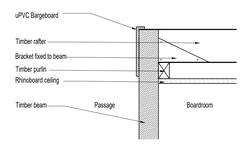



## FASCIA BOARD DETAIL

SCALE : 1:10

GENERAL NOTES:

Design, Supply, and Install an internal cladding system to support 12mm thick fibre cement boards over the aluminium shopfront, with the entire support structure and framing, provide shop drawings approved prior to construction (in line with SANS). Provide the primary support structure using aluminium hollow sections (Grade 6063 T5 or 6061 T6), with all structural connections, support posts, beams, and proprietary brackets required for safe load transfer must be A4/Type 316 Marine Grade Stainless Steel to resist the Port of Durban's C5-M corrosive environment. The fibre cement boards must be 12mm thickness, with the manufacturer providing a product data sheet confirming suitability for internal, high-humidity environments. All necessary fixings and fasteners used to attach the boards to the aluminium sections must be A4/Type 316 Stainless Steel, with the fixing centres specified in the approved drawings. The system shall include anodised aluminium capping or trims (Grade 6063) to all exposed edges for a clean finish. The fibre cement boards must be prepared and painted with appropriate primer and two finishing coats of paint to match the existing Queen Mary boardroom finish, applied in strict accordance with the paint manufacturer's instructions.




## TYPICAL WALL & SUSPENDED CEILING DETAIL

SCALE : 1:10

GENERAL NOTES:

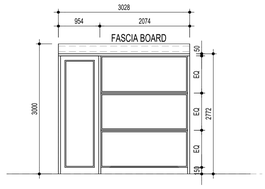
Design, supply, and install new roof structure to support rhineboard ceiling, roof structure to include all necessary support systems timber and or metal purlins, rafters, beams and columns. To be designed by a professionally registered structural engineer with proven competency. The contractor shall prepare detailed shop drawings for approval by the engineer and architect prior to any construction, ensuring the design adheres to the latest South African National Standards (SANS) and relevant building regulations. Timber to be Laminated Timber (Glulam) or similar for long spans, shall be H3 treated for protection against fungal decay and insect attack. The system shall include all necessary proprietary fixings and metalwork, such as rafter brackets, steel plates, connector bolts, and timber screws. All metal components must be hot-dip galvanised or stainless steel to resist corrosion. The final installation must be structurally sound and the timber to be prepared and painted with min 2 finishing coats of white water based paint on well prepared substrate, to be free of all defects. Wood primer to be applied to substrate. Application to be done in strict accordance with manufacturers instruction. Supply and install anodised aluminum capping to all exposed edges.

## SHOPFRONT

| | |
|---|---|
| FRAME | MANUFACTURE SHALL BE IN ACCORDANCE WITH THE MANUALS AS PROVIDED BY ALUMINIUM SHOPFRONT SYSTEMS |
| CONSTRUCTION | AS PER ALUMINIUM SHOPFRONT SYSTEMS SPECIFICATIONS |
| HARDWARE | PERFORATED WINDOW GRAPHIC FILM 8170-P50, ECLASS 14 CLASSIFICATION GROUP 24261802, WARRANTY CERTIFICATION |
| GLASS | SMART GLASS - IGDB 9959. "ECLIPSE ADVANTAGE - SINGLE GLAZED LOW E , CLEAR WITH u VALUE OF 3.83, SHADING CO-EFF. 0.72. |
| FINISH | EPOXY POWDER COATED (ITC GLOSS WHITE) |
| GENERAL | CONTRACTOR RESPONSIBLE FOR SUPPLY AND INSTALLATION OF ALL WINDOWS AND SHOPFRONTS TO BE AFFILIATED WITH AAAMSA. WIND LOADING TO WINDOWS TO BE ASSUMED AT 2000kpa.<br>SUPPLIER TO MEASURE OPENING PRIOR TO FABRICATION<br>SAFETY GLASS TO ALL WINDOWS OVER 1SQM. GLAZING TO BE CARRIED OUT IN ACCORDANCE WITH SABS 0137. SYSTEM SHALL MEET OR EXCEED THE REQUIREMENTS OF AAAMSA AND DESIGN LOADINGS DETERMINATION BY SABS 0160 FOR THIS APPLICATION.<br><br>1.0 PAIR - DPH207 "T" 520X25MM STAINLESS STEEL "T" SHAPED STRAIGHT BACK-TO-BACK PULL HANDLES.<br>1.0 EACH - DORMA D037D EURO-PROFILE CYLINDER DEAD LOCK (STISTEEL)<br>1.0 ONLY - CISA C2000 0G300-10-12 65MM DOUBLE CYLINDER, EN1303 SECURITY GRADE 3, NICKEL PLATED FINISH<br>2.0 EACH - DORMA DCE-002 STAINLESS STEEL EURO PROFILE ESCUTCHEON<br>3.0 ONLY - EREBUS HEAVY DUTY ADJUSTABLE ROLLER BOLT.<br>1.0 ONLY - HOWICK H400 150X20MM ALUMINIUM LEVER FLUSH BOLTS.<br>1.0 ONLY - HOWICK H409 600X20MM ALUMINIUM LEVER ACTION FLUSH BOLTS.<br>1.0 EACH - DORMA DPS-SS-032 DUST PROOF SOCKET<br>3.0 PAIR - DORMA DBB-SS-009 102X75X3MM STAINLESS STEEL TWO BALL BEARING BUTT HINGE<br>1.0 EACH - DORMA DDS-SS-017 STAINLESS STEEL FLOOR STOP<br>BTS 75 ADJUSTABLE FLOOR SPRING WITH DOUBLE ACTION ACCESSORIES FOR 120KG DOOR LEAF WITH 7510SS,7422,8062 MECH AND SPINDLE<br><br>ALLOW FOR VINYL FROSTING TO 70 % OF THE GLAZED SECTIONS. DIMENSIONS ON THIS DRAWING SHALL BE VERIFIED ON SITE, PRIOR SHOP DRAWING AND MANUFACTURE. |

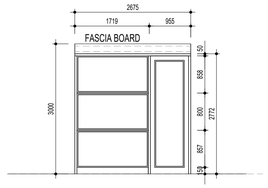
### SF01(1off)

ELEVATION



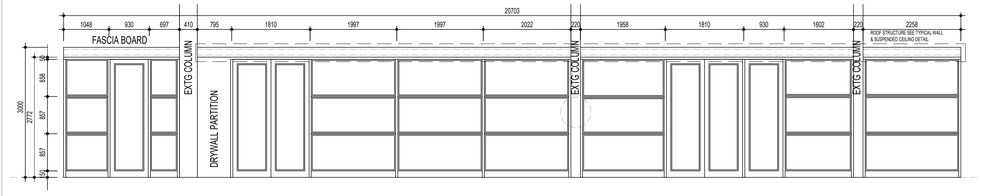

### SF02(1off)

ELEVATION




### SF03(1off), SF04(1off), SF05(1off), SF06(1off)

ELEVATION

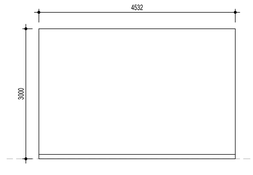



## PARTITION

| | |
|---|---|
| PARTITION | 89MM NON-LOAD BEARING FIRE RATED DRYWALL SYSTEM. TECHNICAL FIRE CHECK PLASTERBOARD, ONE LAYER ON EACH SIDE. 63MM CAVITY BATTS (INSULATION THICKNESS). |
| FINISH | PREPARE AND PAINT WITH MIN. 2 COATS 'PLASCON' DOUBLE VELVET', DEEP COLOUR TO ARCH'S INSTRUCTION |
| FRAME | |
| GLASS | |
| SKIRTING | 75MM ANODISED ALUMINIUM |
| GENERAL | PROVIDE ALL NECESSARY SUPPORTS AND STRUTS TO STABILISE THE STRUCTURE TO SUPPORT THE SYSTEM. SUPPLY AND INSTALL ANODISED ALUMINUM WALL CAPPING TO ALL EXPOSED DRYWALL TOP EDGES. THIS HEAD TRIM MUST BE SECURELY FITTED TO PROTECT THE WALL FROM DAMAGE AND PROVIDE A CLEAN, FINISHED APPEARANCE. A SAMPLE OF THE PROFILE MUST BE APPROVED BEFORE INSTALLATION, WHICH MUST BE CONTINUOUS AND LEVEL, WITH ALL JOINTS TIGHTLY BUTTED FOR A SEAMLESS FINISH. |

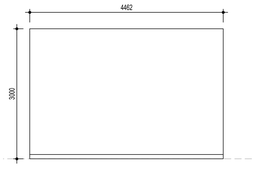
### P1

ELEVATION




### P2

ELEVATION




## REFERENCE DRAWINGS

| DRAWING NO. | REFERENCE |
|---|---|
| XDN.E.037-1-100-A-GA-1002-01-0A | PROPOSED LAYOUT |

**FOR APPROVAL**

| NO. | DESCRIPTION | BY | CHKD | APPD | DATE |
|---|---|---|---|---|---|
| 0A | ISSUED FOR TENDER | | | | |

**REVISIONS**

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## KEY PLAN

1:1250

**CONTRACTOR / CONSULTANT**

| TITLE | NAME | SIGN | DATE |
|---|---|---|---|
| DRAWN | . | | . . . |
| CHECKED | . | | . . . |
| DESIGNED | . | | . . . |
| CHECKED | . | | . . . |

**PR.ENG. / PR.TECH./PR. ARCH**

| NAME | DATE |
|---|---|
| SIGNATURE | . . . |
| REG. NUMBER | |
| TITLE | |

**TRANSNET NATIONAL PORTS AUTHORITY**

| TITLE | NAME | SIGN | DATE |
|---|---|---|---|
| DRAWN | ZZ | | . . . |
| CHECKED | AN | | . . . |
| DESIGNED | . | | . . . |
| CHECKED | . | | . . . |

**PR.ENG. / PR.TECH./PR. ARCH**

| NAME | MR. A. NAGAN | DATE |
|---|---|---|
| SIGNATURE | | . . . |
| REG. NUMBER | | |
| SCALE | | |

TRANSNET

Transnet National Ports Authority

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**PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE**

# PORT OF DURBAN

REFURBISHMENT TO QUEENS WAREHOUSE FIRST STOREY SHOPFRONT DETAILS

| PAPER SIZE | TRANSNET DRW. NO. | REV. |
|---|---|---|
| A0 | XDN.E0037-1-100-A-DE-1008-01 | 0A |
| | PROJECT DRG. NO. | REV. |