CEILING LAYOUT

GENERAL NOTES:

Use figured dimensions in preference to scaling.
Contractor to verify all dimensions and levels prior to the commencement of any work being carried out and all discrepancies to be reported to the Architect.

A

NOTES:
SUPPORT STRUCTURE :
Timber rafter
228 x 114 Timber rafter at 1200 centers fixed to walls with rafter brackets.
Rafter brackets fixed to wall using suitable Hilti anchor screws.
Top of entire structure to be sealed off with 12mm Plywood timber boards nailed to rafters as per manufactures specification.
Timber batten
38 x 38 Timber batten at 600 centers fixed to rafter using suitable Hilti anchor screws.

Suspended ceiling grid :
Supply and install Pelican Econocal Calcium Silicate ceiling tiles size 600 x 600 x 24mm with White vinyl face finish and aluminium foil backing laid onto Pelican Econolok pre-painted white exposed tee grid system including fire safety punch outs. Main tees suspended by means of 19 x 0.5mm GMS strap/2.5mm wire hangers at 1200mm centres. Ceiling perimeter to be finished with pre painted shadow trims.

B

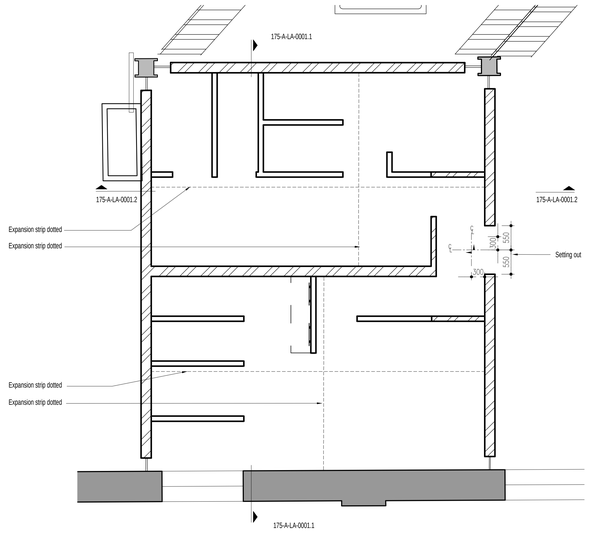
Under side of slabs: prepare and paint in accordance with the manufacturer's instructions.
Primer:
One coat dulux trade alkali resistant plaster primer
Topcoat:
Two coats dulux trade 65 matt pva

All steel prepare and paint in accordance with the manufacturer's instructions :
Primer:
One coat dulux primer for steel
Intermediate Coat:
One coat dulux trade universal undercoat full coat.
Topcoat:
Two coats dulux pearlglo water-based eggshell enamel.

Starting layout for grid.

FLOOR PLAN
Reflected Ceiling Layout
1:50

FLOOR LAYOUT



NOTES:

Prepare floors to receive porcelain tiles as per tial tile. Tiles to be installed as per manufacturers instruction.

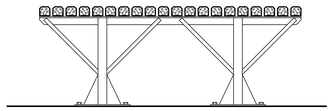
Porcelain tiles :

CTL Basa Stone Matt Glazed Porcelain Tile 600 x 600mm

Provide tile expansion strip at every 3m vertical and 3m horizontal as per 'Kirk marketing' code ASSJ170R.0B : Aluminium Movement Joints

FLOOR PLAN
Floor Tiling layout
1:50

SEAT DETAILS



44 x 44 H/w slats twice chamfered and fixed from below with galv. screws

40 x 40 x 3 GMSteel angle welded to hollow section

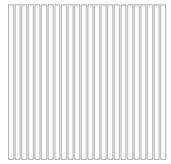
Ø16 GMSteel rod welded to angle & hollow section

40 x 40 x 3 GMSteel flat welded to angle for fixing of middle slat

5mm Thick flange welded to base plate & hollow section

250 x 120 x 5 Plate bolted to floor with Ø10 s/s expansion bolts (2 off)

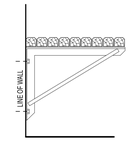
TYPICAL SECTION
1:10



H/w slats

GMS brackets dotted below slats

PLAN
1:20



44 x 44 H/w slats twice chamfered and fixed from below with galv. screws

40 x 40 x 3 GMSteel angle welded to hollow section

Ø16 GMSteel rod welded to angle & hollow section

5mm Thick flange welded to base plate & hollow section

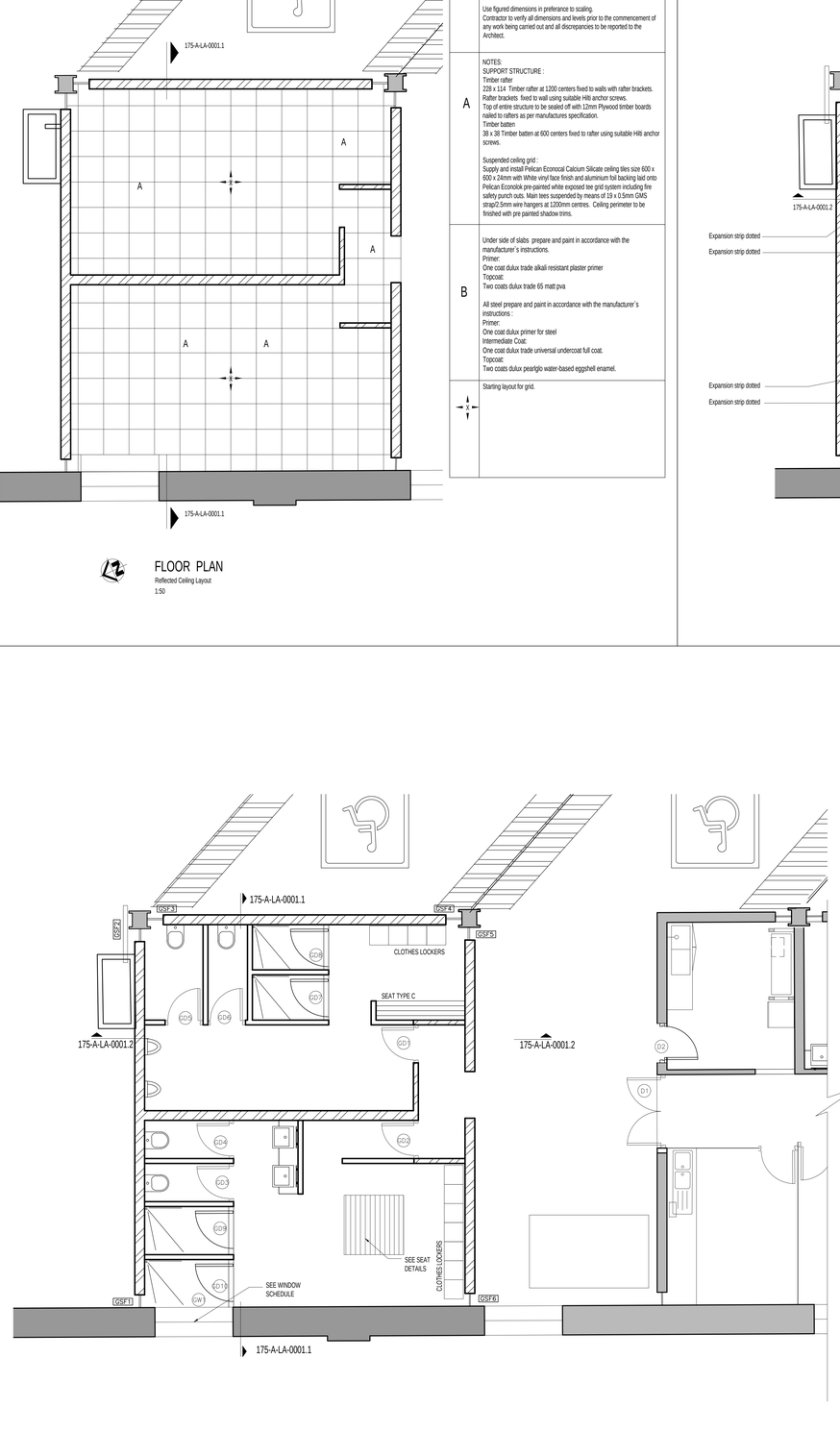
TYPICAL SECTION - SEAT TYPE C
1:10

NOTES

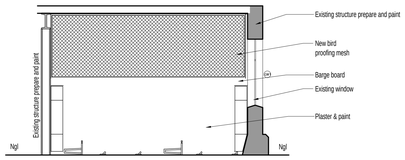
Construction notes :

1. ALL OTHER STEEL
   - All steel to be mild steel , galvanised and painted.
   - All steelwork shall comply to SABS 1200H.
   - Unless otherwise noted all welds shall be 6mm fillet welds (fullp penetration), all round where possible.
   - All steel shall be hot-dip galvanised to SABS ISO 1461 - Old SABS 763
   - All metal surface defects such as laminations and welding spatter shall be removed by grinding and sharp edges, burrs, etc. shall be rounded before galvanising
   - The contractor must confirm all dimensions on site. Discrepancies must be reported to the Architect immediately.
   - No holes may be formed/widened with the use of a cutting torch.
   - All steel is to be thoroughly cleaned down in accordance with SABS code of practice 064 of all rust, scale, oil or grease.
   - All bolts to grade 8.8 hot-dip galvanised.
   - Brackets to be predrilled & hot dip galvanised after fabrication prepare & paint polyurethane silk enamel colour black
   - Slats to be sanded down & finished with 3 coats polyurethane varnish.
   - Brackets to be at 450mm centres max.

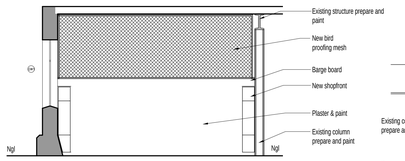
D



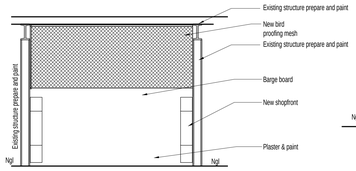
FLOOR PLAN
1:50



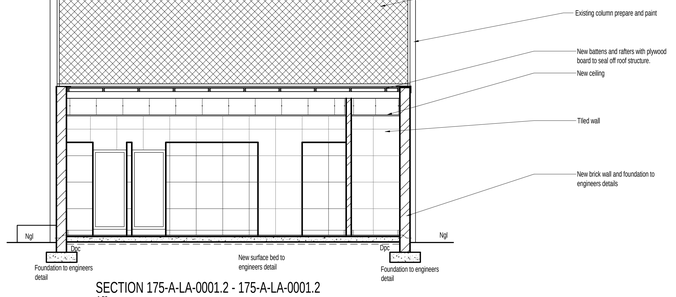
NORTH ELEVATION
SCALE 1:100



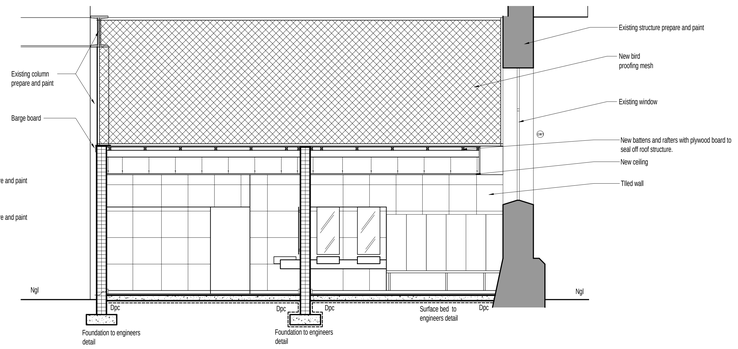
SOUTH ELEVATION
SCALE 1:100



WEST ELEVATION
SCALE 1:100



SECTION 175-A-LA-0001.2 - 175-A-LA-0001.2
1:50



SECTION 175-A-LA-0001.1 - 175-A-LA-0001.1
1:50

GENERAL NOTES:

OCCUPANCY CLASSIFICATION G1, OFFICES

CONSTRUCTION NOTES:

ROOF TO COMPLY WITH PART L OF SANS 10400 :
New roof structure
Provide new 12mm plywood board on 75 x 50 timber purlins @ 800 centers on 152 x 52 timber rafters @ 1200 centers fixed to walls with teko rafter brackets.
Existing roof slab and steel prepare and paint .

Ceiling:
Suspended ceiling as per ceiling plan.

WALLS TO COMPLY WITH PART K OF SANS10400-XA :

All internal walls & partitions full height -
(Previously PVA)
Primer:
One coat dulux trade alkali resistant plaster primer
Topcoat:
Two coats dulux luxurious silk to internal

All internal steel
Primer:
One coat dulux primer for steel
Intermediate Coat:
One coat dulux trade universal undercoat full coat
Topcoat:
Two coats dulux pearlglo water-based eggshell enamel

Brickwork to be re-inforced in solid cement mortar joints with brickforce as per engineers detail.
All shower walls to be water proofed 2100 high with `Sikabuild' waterproofing used as per manufacturer's specification .
Provide dpc used as per manufacture's instruction.
All beams to engineers details.
All existing walls prepare and paint.

WINDOWS AND GLAZING TO COMPLY WITH PART N OF SANS 10400 :

All glazing to comply with SANS 10400 - XA.
Wispeco "casement 30.5 series" aluminium windows to be used.
All shopfronts to be installed and supplied by an AAAMSA approved installer.
All windows and shopfronts to be epoxy powder coated to match existing.
Powder Coating to be in accordance with SANS 1796 : 2010 - Application of durable organic powder coating for architectural aluminium.
Obscure glazing to be used in all ablutions.
Safety glass to be used on all glazing exceeding 1m sq. as per SANS 10400.

FLOORS & SLABS TO COMPLY WITH PART J OF SANS 10400 :
All slabs and surface beds to engineers details.
Surface bed on well compacted and poisoned material re-inforced to engineers details.
Provide `Gundle' USB green 250 microns damp proof membrane.
Prepare existing floor where the removal of sarware has caused damaged finishes to match existing where possible.

PUBLIC SAFETY TO COMPLY WITH PART D OF SANS 10400 :

All site operations to comply with Part D, Part E and Part F.

Bird Proof netting:

Net material to be high density, polyethylene, and U. V. Stable.
Colour to be Carbon Black. 10mm Square mesh to be Raschell Knitted with a lock stitch that will knot if torn.
Net to be have a 20mm border of treated narrow webbing, manufactured to SABS 1080 - 83.
Netting to be fixed with stainless steel pins and self-tapping screws and all necessary fixings to existing structure.
Material must not interfere with the operation of any heat sensing device & must not constitute a fire hazard in itself.
Contractor to provide a sample of the product and fixing details for approval prior to any commencement of work.

DRAWING NO.	REFERENCE
2088053-0-000-M-LA	MECHANICAL LAYOUT
2088053-0-000-C-LA	CIVIL LAYOUT

REFERENCE DRAWINGS

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.

CADASTRAL DESCRIPTION
Erf 10031. Port of Durban.

ADDRESS:
237 MAHATMA GANDHI ROAD
DURBAN

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
OA	ISSUED FOR AMAAFA APPROVAL	AN	ID	CQ	04/12/2019

REVISIONS

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-	-	-	- - -	CHECKED	ID		16 10 19
-	-	-	- - -	DESIGNED	-		- - -
-	-	-	- - -	CHECKED	-		- - -
-	-	-	- - -	-	-		- - -
OPERATING DIVISIONS				-	-		- - -
TITLE	NAME	SIGN	DATE	-	-		- - -
-	-	-	- - -	PR.ENG. / PR.TECH./PR. ARCH			
-	-	-	- - -	NAME N. A. NAGAN			DATE
-	-	-	- - -	SIGNATURE			16 10 19
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TRANSNET

PORT OF DURBAN

QUEENS WAREHOUSE
REFURBUISHMENT TO EXISTING OFFICES
ABLUTION
PLANS, SECTIONS, ELEVATIONS

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
2 0 8 8 0 5 3	6	1 7 5	A	L A	1 0 0 1	0 1	0 A	TD