

BLOCK F FIRE EQUIPMENT SCHEDULE				BLOCK G FIRE EQUIPMENT SCHEDULE			
FLOOR AREA = 1034 Sq.m POPULATION MAX 900 OCCUPANCY CLASSIFICATION : G1				FLOOR AREA = 1199 Sq.m POPULATION MAX 900 OCCUPANCY CLASSIFICATION : G1			
ITEM	ABBR	1 REQ	2 REQ	1 REQ	2 REQ	3 REQ	4 REQ
30m hose reel to SABS 543 with guide & shut off valve. Min 300 w/e pressure & 0.5 l/s flow rate	HR	500	2	500	3	4	
SABS approved 4.5kg DOP portable fire extinguisher	FE	200	6	200	6	6	

SYMBOLS IN FIRE PROTECTION PLANS

Fire extinguisher..... FE
 Fire hydrant..... FH
 Fire alarm..... FA
 Fire pump connection..... FPC
 Fire hydrant..... FH
 Heat detector..... HD
 Hose reel..... HR
 Reflex valve..... RV

FIRE PROTECTION
 Placing of all fire extinguishers and sign posting etc subject to direction of the Fire Department Marking and sign posting to comply with part 1 of SANS 10400.

WALLS
 Brickwork
 Call out and replace badly damaged bricks, with similar second hand bricks or tegulae (from elsewhere off site) For minor repair, use brick paste mixed from existing ground bricks. Where pointing has deteriorated, these areas require re-pointing to match existing.

Plastering
 Cement plaster to be between 15mm to 20mm thick in the case of walls & between 10mm to 15mm thick in the case of concrete ceilings. Internal plaster to receive a smooth steel float finish & external plaster to receive a wood float finish to match existing unless otherwise stated by Architect.

Brick Bonding
 Unless otherwise stated, walls shall be built in stretcher bond with joints & holes filled solid especially on external walls including accurately kept perpends in the case of footwork.

DPC shall be 375 micron black polyethylene laid along full width & length under walls & topped
 Min 150mm of joints & built in as follows or to detail:
 * All surface level including stepped dip in the case of cavity walls.
 * One course below window sill & turned up vertical face to 1/2 of window.
 * As a bond breaker between brickwork & concrete on suspended slabs.
 * Keep holes to be formed in perp of every 300mm intervals.

Walls to be plastered shall have joints raked out to achieve a good plaster key. Joints & perp in footwork unless otherwise stated to match existing.
 Brickwork shall be built in all round in the first joint above the DPC & the first 2 joints above the window head. Remainder of sub-structure & superstructure brickwork shall be reinforced of every 5th course.
 Exposed parapet walls shall be waterproofed by bagging the face of the inner skin & applying 2 liberal coats bitumen emulsion.

Roof truss ties shall be galvanized hoop iron unless otherwise stated by the engineers & built in at least min 8-10 courses where possible.
 Reinforced brick lintels shall be brick on edge unless otherwise stated & reinforced as follows:

SPAN	LAYERS BROCKFORCE	MIN CRS BRK (ext BOC crs)
up to 1m	3	5
1m to 1.5m	3	5
1.5m to 2.0m	4	6
2.0m to 2.5m	4	6

* Comprising 3 only 6mm diam high tensile steel rod in each course.
 Prestressed concrete lintels may be used in plastered brickwork & shall comply with manufacturers instructions.

Existing footwork to be cleaned in strict accordance with AMFA requirements.
 New footwork to be cast in strict accordance with AMFA requirements.

DRYWALL PARTITIONS
 90mm "Pralcon" Jumbo 5/8"/2" drywall system comprising of "White" framework all in accordance with manufacturer's instructions.
 124mm "Pralcon" Jumbo Fire Wall 83/702 drywall system comprising of "White" framework all in accordance with manufacturer's instructions.
 90mm "Pralcon" Jumbo 6/8"/2" drywall system comprising of "White" framework, 210mm high 6.5mm "Pralcon" laminated safety glass panels all in accordance with manufacturer's instructions.
 90mm "Pralcon" Jumbo 6/8"/2" drywall system comprising of "White" framework, 290mm high 6.5mm "Pralcon" laminated safety glass panels all in accordance with manufacturer's instructions.
 12mm thick "Cubicle Solutions" partition walls, doors and sills of compact high pressure laminate.

FLOOR FINISHES
 Floor finishes are as indicated on plan & in strict accordance with manufacturers instructions.

GLAZING
 All glazing to comply with SANS 10400 Part N and conform to AAASAA standards.

DOORS & WINDOWS
 All doors & windows to be manufactured in strict accordance with Door & Window Schedule, SANS Codes of Practice & SANS 10400 Part N & O of NBR.

SHOPFRONT
 TIMBER SHOPFRONTS (External only)
 Weighted meranti shopfronts complete with subframes and laminated safety glazing. All to shopfront schedule.
 ALUMINIUM SHOPFRONTS (Internal only)
 "WHITE" aluminium shopfronts complete with subframes, transomery and laminated safety glass. All to shopfront schedule.

ROOFING
 Roof sheeting (only where existing)
 Replace all existing metal roof sheeting with new Brownbult 0.56mm 'Corrugated 10.5' Global SII (CS) with primer coat to s/s) galvanized steel (Z75) light industrial roof sheeting on new timber purlins on existing timber trusses/ratons.
 Roof tiles
 Carefully remove all existing Broseley roof tiles & store for re-use. Repair or replace timber roof structure as per engineer's details, lay new insulation & insulation than re-lay tiles on new timber purlins.
 Barge & fascia board
 New painted hardwood fascia and barge boards to match existing profile.

CEILING
 SUSPENDED CEILING
 6.4mm "Pralcon" Gypsum plasterboard on screw-up tee suspension grid including hangers etc, with tape fixed over joints and the whole finished with gypsum plaster troweled to a smooth polished surface.

CORNICE
 "Easline Naucorite" 75mm coved cornice.
 600x600x15mm "Pralcon" pre-painted charred and ground acoustic AMF Helomax Fire Stop Microperlite with VT 15/24 edge detail on exposed White Aluminium suspension grid including hangers, etc.

CORNICE
 "White Aluminium" shadowline cornice.

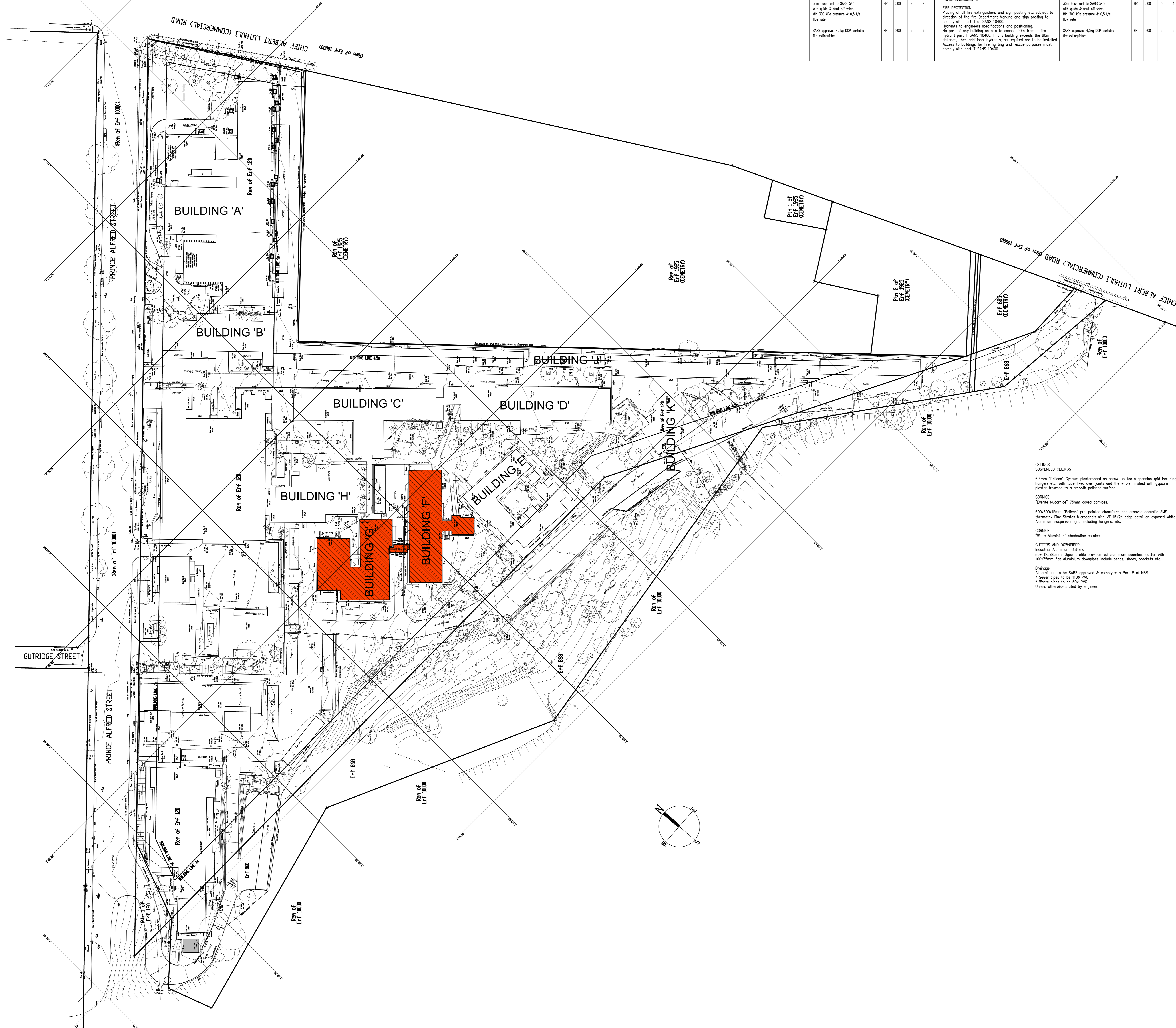
GUTTERS AND DOWNPIPES
 Industrial Aluminium Gutters
 new 125x40mm "Igal" profile pre-painted aluminium seamless gutter with 100x75mm flat aluminium downpipes include bends, shoes, brackets etc.

Drainage
 All drainage to be SABS approved & comply with Part P of NBR.
 * Sewer pipes to be 110P PVC
 * Waste pipes to be 50P PVC
 Unless otherwise stated by engineer.

DRAWINGS TO BE READ IN CONJUNCTION WITH THE STATUS QUO REPORTS FOR BLOCK F&G

All building work including plumbing & drainage installations must be carried out in strict accordance with the National Building Regulations & Building Standards Act No 103 of 1977 & amendments.

All work shall be carried out in strict accordance with SABS & NBR standards & Codes of Practice including manufacturers specifications or recommendations except in so far as such specifications etc. do not conflict with any By-Law.



AREAS
 SITE AREA = 32025sqm

BLOCK F
 BASEMENT FLOOR = 12 Sq.m
 GROUND FLOOR = 551 Sq.m
 FIRST FLOOR = 471 Sq.m
 TOTAL AREA = 1034 Sq.m

BLOCK G
 BASEMENT FLOOR = 24 Sq.m
 GROUND FLOOR = 614 Sq.m
 FIRST FLOOR = 549 Sq.m
 NEW ADDITIONS = 12 Sq.m
 TOTAL AREA = 1199 Sq.m

NEW BRIDGE LINK = 8 Sq.m
BLOCK F&G TOTAL AREA = 2241 Sq.m
COVERAGE = 49%
OCCUPANCY CLASSIFICATION - G1

CLIENT: DATE:

ARCHITECT: DATE:

Revisions	Date	Rev. by	Description	Reason

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CLIENT: **DEPARTMENT of ARTS & CULTURE**

PROJECT: **DEPARTMENT OF ARTS & CULTURE; REFURBISHMENT AND RECONFIGURATION OF EXISTING BLOCKS F&G TO CREATE NEW OFFICES**

DRAWINGS: **TENDER DRAWING: SITE PLAN**

DATE	SCALE	DRAWN	CHECKED
15.08.2013	1:500	NS	D.C.
PROJECT No. 247	DRAWING No. 247-T1-1	REVISION 0	
90% Drawing Number N/A		REVISION N/A	

SITE PLAN 1:500