

- GENERAL**
1. ALL WORK TO COMPLY WITH N.B.R. AND STANDARD ACTS SANS 10400
 2. ALL DIMENSIONS AND LEVELS TO BE CHECKED
 3. SAFETY GLASS TO BE USED WITHIN 300MM OF FFL
 4. BALUSTRADES AND HANDRAILS TO BE SANS 10400
 5. STAIRWAYS TO BE SANS 10400
- ALL CLAZING TO COMPLY WITH PART SANS 10400

1. FRESH AIR TO BE SUPPLIED AT A RATE OF 7.51 PER SEC. PER PERSON
2. AIR TO BE UNIFORMLY DISTRIBUTED THRU HABITABLE AREAS
VELOCITY MAX. 0.5m/s, MIN 0.2m/s
3. ALL ROOMS TO HAVE 10% NATURAL LIGHT
ALL PASSAGES, TOILETS AND KITCHENS TO HAVE MIN 160 LUX.
ENG. DETAIL

DRAINAGE
all sanitary fittings to be trapped in accordance with local authority by-laws
inspection eyes to be provided at all bends, junctions and change in direction
all gully surrounds and manhole covers to be 75mm above grd.
anchor blocks to be provided where gradient exceeds 1:5

STRUCTURE

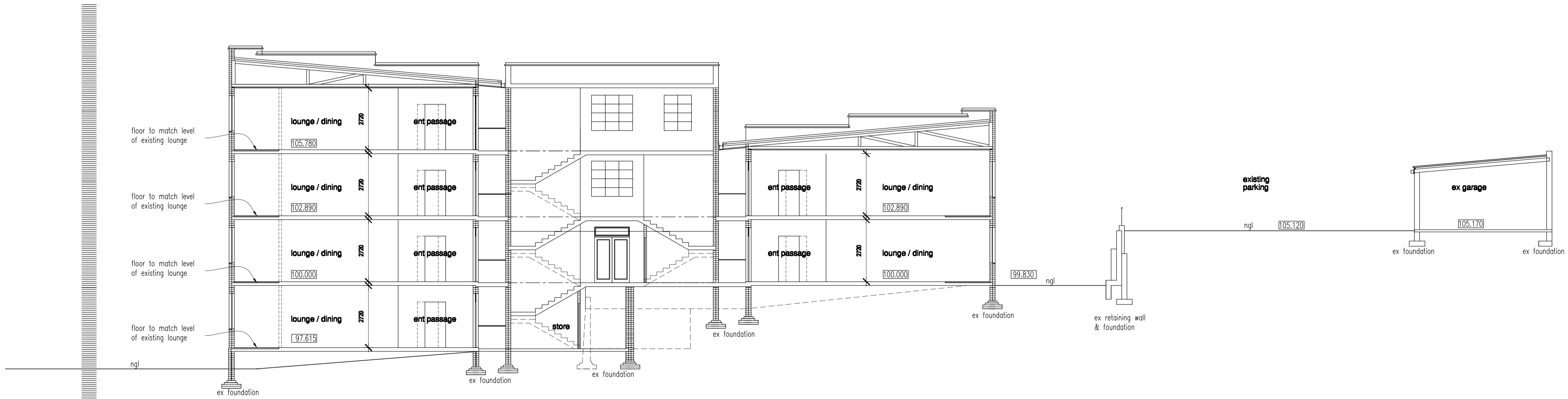
1. ALL RETAINING WALLS AND STRUCTURAL WORK TO PROF. ENG. DETAIL
2. ALL SOIL EXCAVATION AND FILLING TO PROF. ENG. DETAIL
3. RC FLOOR SLABS AND BEAMS TO PROF. ENG. DETAIL
4. PC LINTELS TO ALL NON BEAM OPENINGS
5. OFF SHUTTER CONC. TO BE CLEANED AND RUBBED DOWN
6. HOLDING DOWN BOLTS AND PAD FOUNDATIONS TO DETAIL BY ENG.
7. ALL STEEL COLUMNS AND RAFTERS AND GUSSETS TO PROF. ENG. DETAIL

--- ϕ 100 PVC SEWER PIPE @ MIN 1:60 FALL
- - - ϕ 100 PVC STORMWATER PIPE @ MIN 1:60 FALL
==== ϕ 100 upvc heavy duty pipe encased in concrete where any structure passes over sewer & stormwater lines being protected from any loads imposed on the drain
written dimensions to be taken in preference to scaling
N.G.L. is in approx. position
N.B.R codes of practise & S.A.B.S. stds. are to be complied with the contractor to inspect the official approv. copies of drawings for any amendments or imposed conditions of approval
artificial ventilation
mechanically ventilation activated by light switch - fresh air supply at 25 ltr/sec per room
uniform air distribution max
velocity of 0.5m/sec at 25 ltr/sec per room
all structural work to engineers details

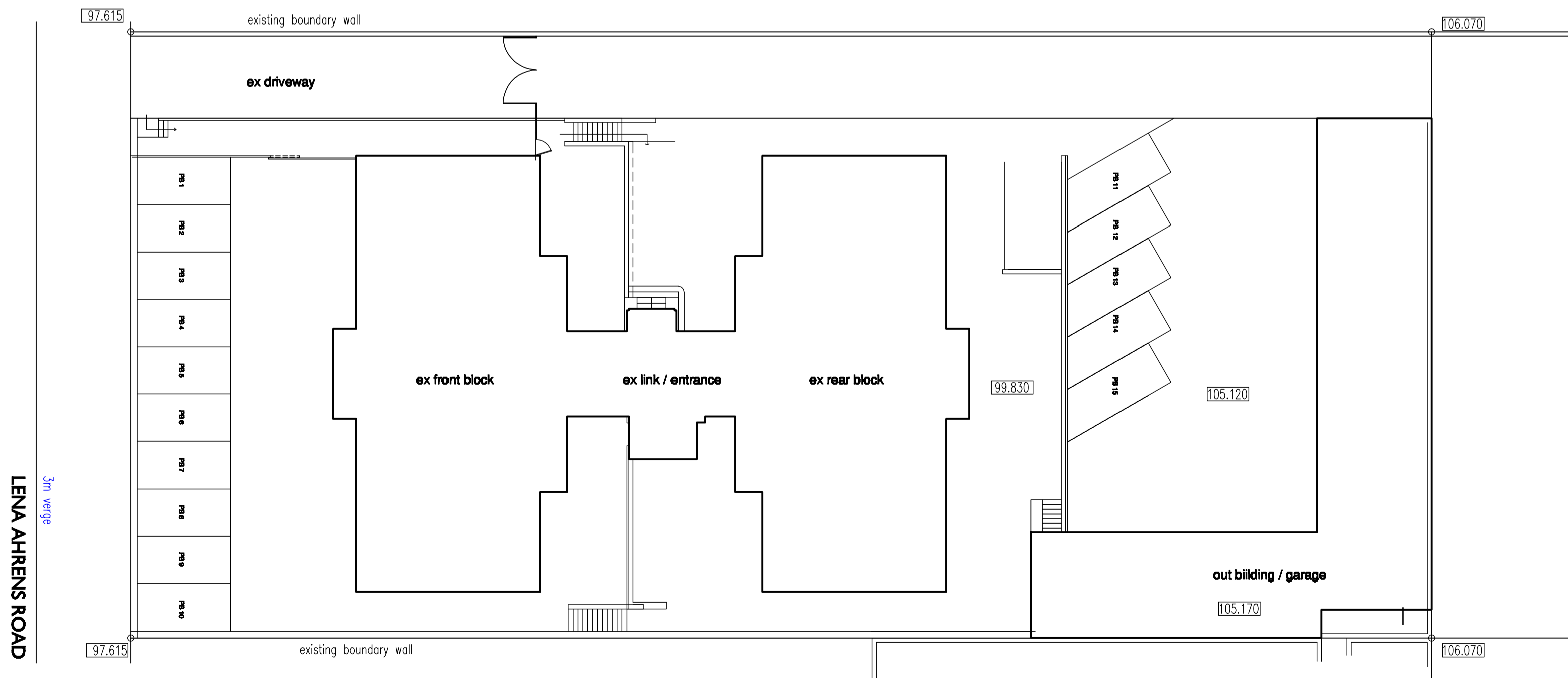
1. ALL ACCESS CHANNEL ON SEWER & STORMWATER DUCT TO COMPLY WITH SANS 10400
2. TERMINAL R.E SHOULD BE 1.4m FROM CONNECTION
3. ALL RETAINING WALL BY ENG. DETAIL & DRAWING
4. TOP OF RETAINING WALL MORE THAN 1m HIGH NEEDS SAFETY BARRIER

- FIRE**
2. THE FGG TO COMPLY WITH SANS 10400 PART T
- | | |
|----------------------------|-------------|
| FIRE STABILITY | 4.7 |
| INTERNAL PARTITIONS | 4.9 |
| SUSPENDED CEILINGS | 4.13 |
| FLOOR COVERINGS | 4.14 |
- WATER RETICULATION FOR FIRE FIGHTING EQUIPMENT**
- | | |
|----------------------------------|-------------|
| FIRE FIGHTING EQUIPMENT | 4.33 |
| HOSE REELS | 4.34 |
| FIRE HYDRANTS | 4.35 |
| FIRE EXTINGUISHERS | 4.37 |
| A/C # VENTILATION SYSTEMS | 4.43 |
3. SERVICE DUCTS TO BE FIRE STOPPED AT EACH LEVEL

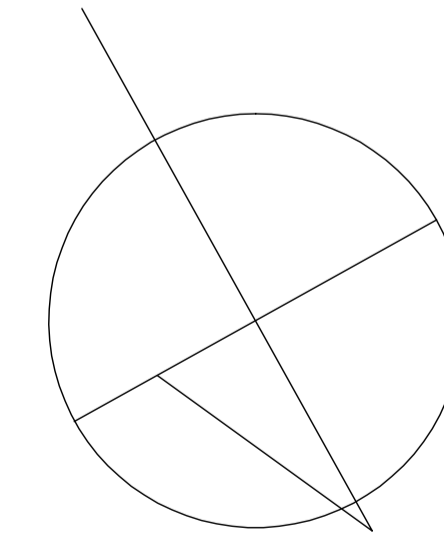
REVISION	DESCRIPTION	DATE



section a-a



site plan 1:200



sheet 1/4

CONSULTANTS		DRAWN	CHECKED
PROJECT ARCHITECT	NATHAN FRANCIS	N.FRANCIS	<i>Nathan Francis</i>
CIVIL			
STRUCTURAL			
OWNER			

ARCHITECTURAL **francis**
architect & interiors
nathan francis
s0061

079 0379821
francisarchitects@gmail.com

po box 30
pinetown
3600

PROJECT

PROPOSED ALTERATIONS TO EXISTING RESIDENTIAL BLOCK ON ERF 5138 DURBAN AT 208 LENA AHRENS ROAD, BULWER FOR MFR KHAN FAMILT TRUST

DRAWING TITLE site plan and section		
DATE 07-05-2013	SCALE 1:100	REVISION 0
DRAWING NO. G-208 LA		REVISION 0