NOTE:
A: GENERAL PRINCIPLES & REQUIREMENTS

CLASS OF OCCUPANCY: H4 DWELLING HOUSE POPULATION: 2 PERSONS X 4 BEDROOM = 8 PERSONS PER UNIT

B: STRUCTURAL DESIGN
All STRUCTURES ARE TO BE DESIGNED AND INSPECTED BY STRUCTURAL ENGINEER
C: DIMENSIONS

C: DIMENSIONS
ALL ROOM DIMENSIONS ARE TO COMPLY WITH SANS 10400-C
D: PUBLIC SAFTEY

F: SITE OPERATIONS
THE CONTRACTOR IS TO INSURE THAT AII SITE OPERATION DURING CONSTRUCTION ARE TO COMPLY WITH SANS 10400 PART F. IN TERMS OF PROTECTION OF THE PUBLIC, DAMAGE TO LOCAL AUTHORITY S PROPERTY, GEOTECHNICAL SITE AND ENVIRONMENTAL CONDITIONS, PREPARATION OF SITE, CONTROL OF UNREASONABLE LEVELS OF DUST AND NOISE, CUTTING INTO, LAYING OPEN AND DEMOLISHING CERTAIN WORK, WASTE MATERIAL ON SITE, CLEANING OF SITE, BUILDERS SHEDS AND SANITARY FACILITIES.

G: EXCAVATIONS

ALL EXCAVATIONS WITH RESPECT TO DEEP FOOTINGS, SOIL RAFTS, COMPACTION OF IN-SITU SOIL OR SUB-SURFACE DRAINAGE ARE TO IN ACCORDANCE TO THE DESIGN AND INSPECTION OF A CIVIL /STRUCTURAL ENGINEER.

H: FOUNDATIONS
ALL STRIP FOOTINGS AND REINFORCED CONCRETE RAFT FOUNDATIONS ARE TO IN ACCORDANCE TO THE DESIGN AND INSPECTION OF A STRUCTURAL ENGINEER.

J: FLOORS
ALL SURFACE BEDS AND SUSPENDED FLOOR SLABS ARE TO BE IN ACCORDANCE TO THE DESIGN AND INSPECTION OF A STRUCTURAL ENGINEER.
K: WALLS

THE STRUCTURAL STRENGTH AND STABILITY OF ALL WALLS ARE TO IN ACCORDANCE WITH THE SANS 10400-B, SANS 10400-T AND SANS 10400-K EXTERNAL WALL ELEMENT TO BE DOUBLE SKIN OF CLAY MASONRY BRICKWORK WITH SMOOTH PLASTER & PAINT FINISH. STEEL BRICK FORCE TO BE USED EVERY 4TH COURSE AND OVER EVERY COURSE ABOVE ALL OPENINGS. INTERNAL WALL ELEMENT TO BE SINGLE SKIN CLAY MASONRY BRICK WORK WITH

SMOOTH PLASTER & PAINT FINISH
L: ROOFS
ALL ROOF COVERING AND WATERPROOFING SYTEMS ARE TO BE IN ACCORDANCE
WITH THE DETAILED REQUIREMENTS OF SANS 10400-L

ROOF COVER TO BE CLAY "MARSEILLE" PATERN ROOF TILES TO MATCH EX.
ROOF STRUCTURE: TO BE SAP GANG NAIL TRUSS IN ACCORDANCE WITH THE DESIGN
AND INSPECTION BY A STRUCTURAL ENGINEER. SET @ A MIN. SPACING OF 690.
TILE FIXING TO BE 38 X 38 SAP H2 TREATED BATTENS @ 333 CENTRES
UNDER TILE MEMBRANE TO BE USED THROUGHT OUT.

STAIRWAY TO BE IN ACCORDANCE WITH SANS 10400 PARTS B,K,M & T.
REINFORCE CONCRETE STAIRCASE TO BE IN ACCORDANCE WITH THE DESIGN AND
INSPECTION OF A STRUCTURAL ENGINEER.
TREADS TO BE AS SHOWN ON PLAN

RISERS TO BE AS SHOWN ON PLAN.
BALUSTRADES AND RAILS ARE TO BE 1000HT AND IN ACCORDANCE WITH SANS 10400K & T

THE LIGHTING & VENTILATION IN ALL HABITABLE ROOMS AND BATHROOMS ARE TO BE

N: GLAZING
ALL FRAMES AND THEIR ASSOCIATED GLAZING ARE TO BE IN ACCORDANCE WITH SANS 10400-B THE SELECTION OF GLAZING IS TO BE IN ACCORDANCE WITH SAN10400-N
O: LIGHTING & VENTILATION

IN ACCORDANCE WITH SANS 10400 PART O & T
P: DRAINAGE
THE DESIGN AND INSTALLATION OF DRAINAGE SYSTEM TO BE IN ACCORDANCE WITH

SANS 10400-P
DRAINAGE TO BE DESIGNED AND INSTALLED AS A SINGLE STACK SYSTEM.
ALL SANITARY FITTINGS TO HAVE SEALED TRAPS. WASH HAND BASIN, SINKS AND SHOWERS TRAYS TO DISCHARGE INTO 50Ø WP. TOILET PAN TO DISCHARGE INTO 100

SP. WITH A 1000 ONE WAY VENT PIPE AT HEAD OF STACK. ALL JUNCTIONS TO BE FITTED WITH IE. 1 GULLY TO BE PROVIDED WITH EACH DRAINAGE SYSTEM, A RE. TO BE PROVIDED PRIOR TO CONNCETION INTO MUNICIPAL DRAINAGE SYSTEM.

Q: NON-WATER-BORNE MEANS OF SANITARY DISPOSAL DRAINAGE
NA
R: STORMWATER DISPOSAL

S: FACILITIES FOR PERSONS WITH DISABILITIES

THE MEANS FOR PROVIDING FACILITIES FOR PERSONS WITH DISABILITIES IS IN ACCORDANCE WITH SANS 10400-S

THE MEANS FOR THE CONTROL & DISPOSAL OF STORMWATER IS TO BE IN ACCORDANCE WITH SANS 10400-R. REFER TO LAYOUT PLAN SHOWING RETICILATION

T: FIRE PROTECTION
THE FIRE PROTECTION MEASURES ARE IN ACCORDANCE WITH SANS 10400-T
V: SPACE HEATING

W: FIRE INSTALLATION

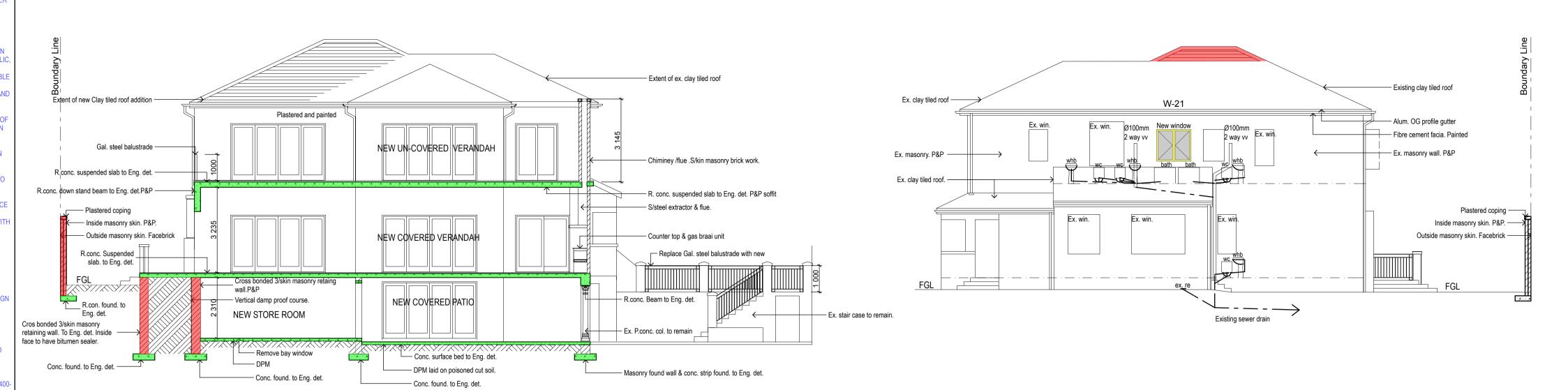
XA: ENERGY USEAGE & EFFICIENCY IN BUILDINGS
THE ENERGY USEAGE & EFFICIENCY IN THE BUILDING ARE TO BE IN ACCORDANCE

THE ENERGY USEAGE & EFFICIENCY IN THE BUILDING ARE TO BE IN ACCORDANT WITH SANS 10440- XA & SANS 204.

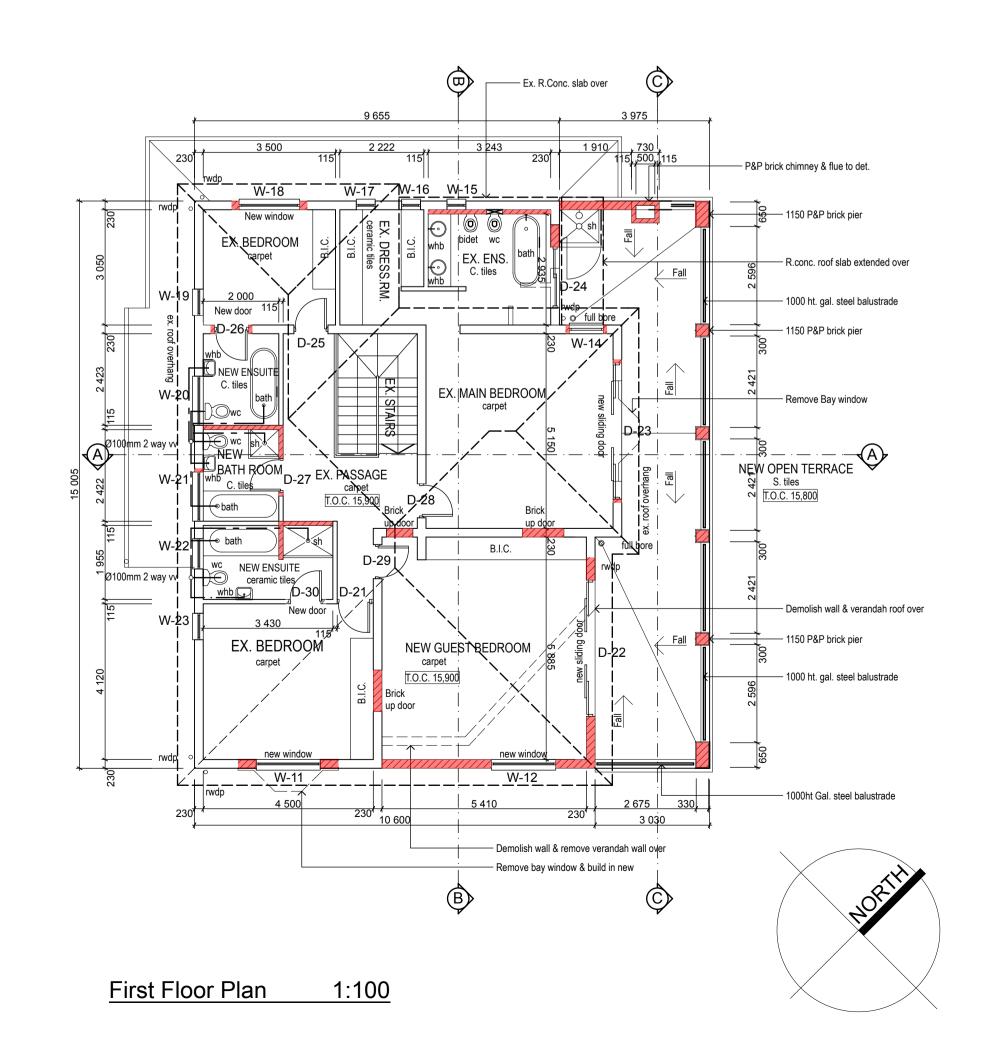
CLIMATIC ZONE: NO.5 SUB-TROPICAL COASTAL.

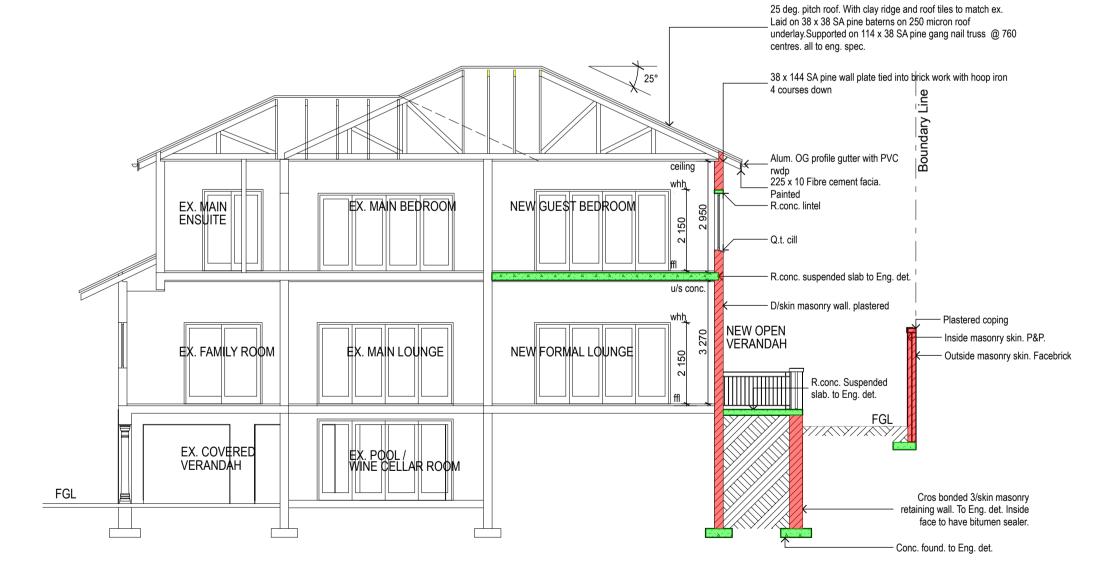
OCCUPANCY CLASIFFICATION: H4

TO BE CERTIFIED BY A COMPETENT PERSON THAT THE BUILDINGS THEORETICAL ENERGY CONSUMPTION IS LESS THAN OR EQUAL TO A REFERENCE BUILDING THAT COMPLIES WITH SANS 10400-XA 4,2,1[B]



SECTION C- C 1:100 SOUTH WEST ELEVATION 1:100





- all suspended slabs, surface beds, staircases foundations, foundation walls and conc. cols to structural engineer's detail / specification

SECTION B- B 1:100

Owner's signature:

Architect's signature: 0829018215

HUIZINGA ARCHITECTS

DU RAND HUIZINGA DESIGN & MANUF. CC
59 KENMARE RD. BELLAIR 4094 KWAZULU-NATAL
TEL: 031 4659049 FAX 086 6135553
EMAIL: EERHARD@HUIZINGAARCHITECTS.CO.ZA

Client: Dr. N. Miller

Project: Alterations & additions to existing dwelling

Title: First Floor, Roof Plans, Elevations & Sections

Rate no:
Address: 62 Sir Arthur Road

Address 62 Sir Arthur Road

Morningside

4001

Tel No:
031 3125310

Cad des:
Lot No. 488

Durban

 Date:
 25/06/2013
 Scale:
 1:100

 PROJ. No
 DRAWING NUMBER
 REVISION

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