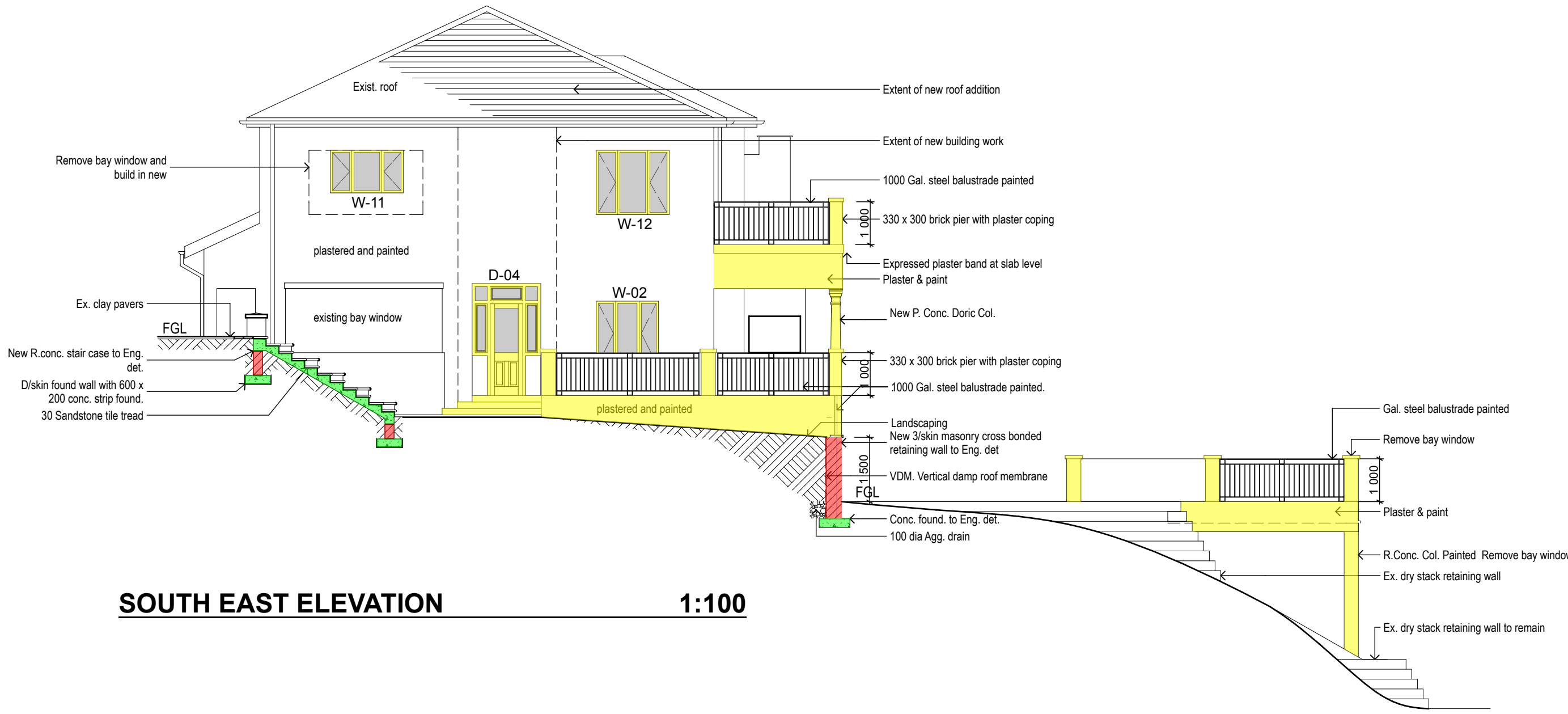
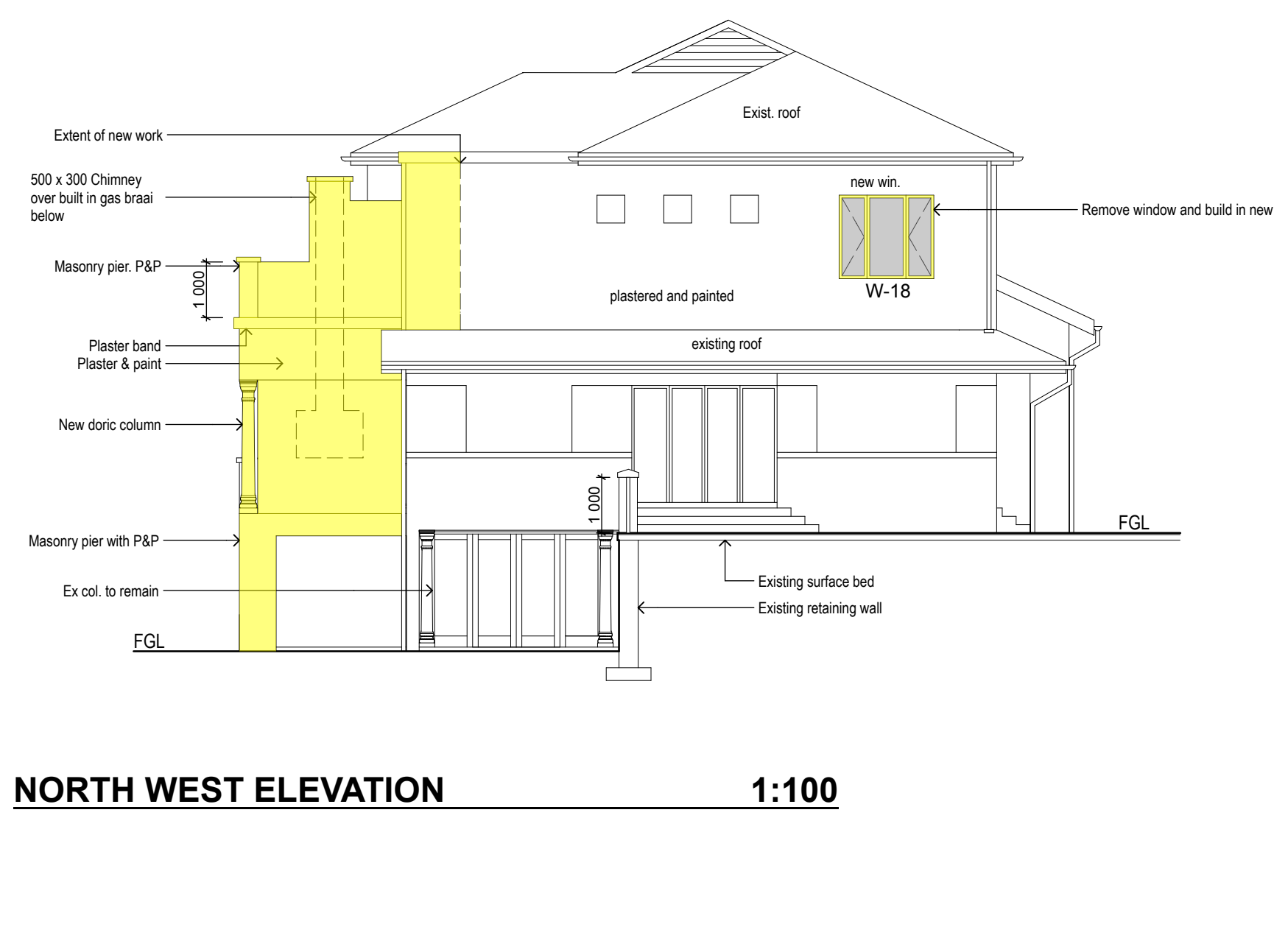


NOTE:
A: GENERAL PRINCIPLES & REQUIREMENTS
CLASS OF OCCUPANCY: H4 DWELLING HOUSE
POPULATION: 2 PERSONS X 4 BEDROOM = 8 PERSONS PER UNIT
B: STRUCTURAL DESIGN
ALL STRUCTURES ARE TO BE DESIGNED AND INSPECTED BY STRUCTURAL ENGINEER
C: DIMENSIONS
ALL ROOM DIMENSIONS ARE TO COMPLY WITH SANS 10400-C
D: PUBLIC SAFETY

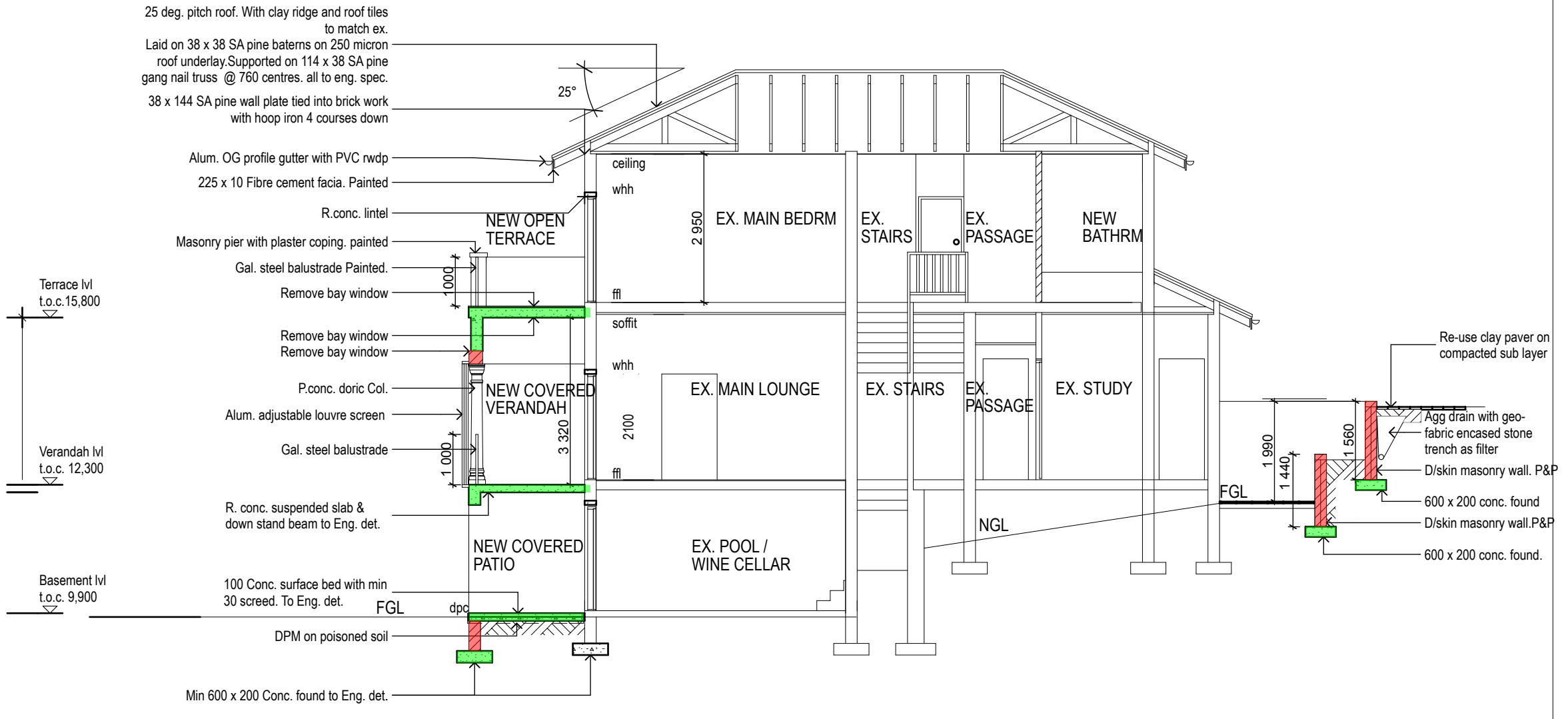
F: SITE OPERATIONS
THE CONTRACTOR IS TO INSURE THAT AT SITE OPERATION DURING CONSTRUCTION ARE TO COMPLY WITH SANS 10400 PART F. IN TERMS OF PROTECTION OF THE PUBLIC, DAMAGE TO LOCAL AUTHORITY'S PROPERTY, GEOTECHNICAL SITE AND ENVIRONMENTAL CONDITIONS, PREPARATION OF SITE, CONTROL OF UNREASONABLE LEVELS 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 SYSTEMS ARE TO BE IN ACCORDANCE WITH THE DETAILED REQUIREMENTS OF SANS 10400-L.
ROOF COVER TO BE CLAY "MARSEILLE" PATTERN ROOF TILES TO MATCH EX. ROOF STRUCTURE. TO BE SAG 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 THROUGH OUT.
M: STAIRWAYS
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 10400-K & T.
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 SANS 10400-N.
O: LIGHTING & VENTILATION
THE LIGHTING & VENTILATION IN ALL HABITABLE ROOMS AND BATHROOMS ARE TO BE 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 50mm WP TOILET PAN TO DISCHARGE INTO 100mm SP. WITH A 100mm 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 CONNCTION INTO MUNICIPAL DRAINAGE SYSTEM.
Q: NON-WATER-BORNE MEANS OF SANITARY DISPOSAL DRAINAGE
NA
R: STORMWATER DISPOSAL
THE MEANS FOR THE CONTROL & DISPOSAL OF STORMWATER IS TO BE IN ACCORDANCE WITH SANS 10400-R. REFER TO LAYOUT PLAN SHOWING RETICULATION INTO EXISTING SYSTEM/
S: FACILITIES FOR PERSONS WITH DISABILITIES
THE MEANS FOR PROVIDING FACILITIES FOR PERSONS WITH DISABILITIES IS IN ACCORDANCE WITH SANS 10400-S.
T: FIRE PROTECTION
THE FIRE PROTECTION MEASURES ARE IN ACCORDANCE WITH SANS 10400-T.
V: SPACE HEATING
NA
W: FIRE INSTALLATION
NA
XA: ENERGY USAGE & EFFICIENCY IN BUILDINGS
THE ENERGY USAGE & EFFICIENCY IN THE BUILDING ARE TO BE IN ACCORDANCE WITH SANS 10400-XA & SANS 204.
CLIMATIC ZONE: NO.5 SUB-TROPICAL COASTAL
OCCUPANCY CLASSIFICATION: 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)



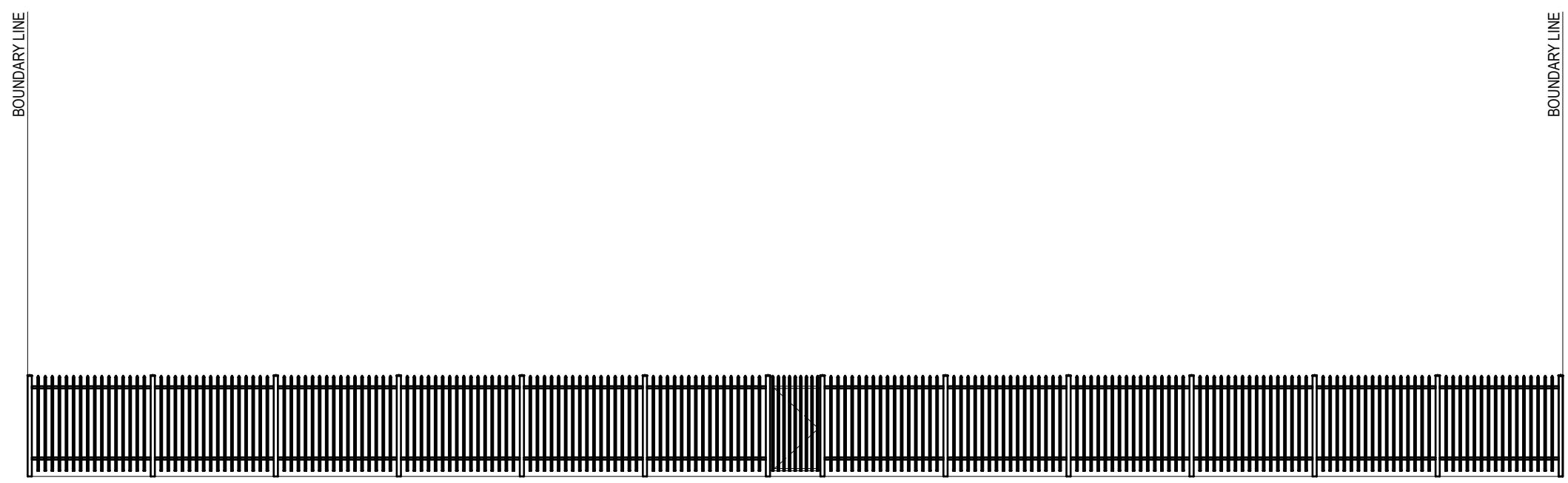
SOUTH EAST ELEVATION 1:100



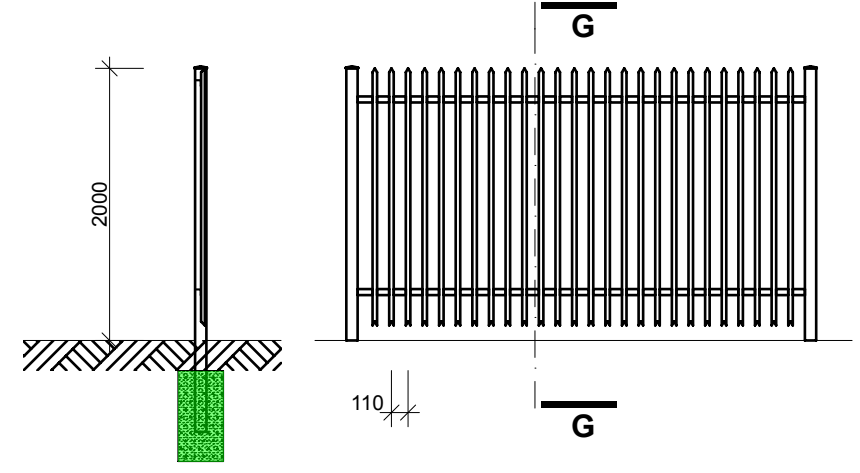
NORTH WEST ELEVATION 1:100



SECTION A-A 1:100



NE BOUNDARY FENCE ELEVATION 1:100



SECTION C-C
DETAIL ELEVATION
PREFAB. STYLE PALISADE FENCING, 2000MM HIGH COMPRESSED 30 X 30MM HOT DIPPT GALVANIZED PALISADES
SPACED 100MM APART, FENCED TO TOP OF 30 X 30MM PRE-CAST CONCRETE CHANNEL. IN CHANNEL PANELS, 302
30MM OVER SECURED TO 10 X 10 X 2 DMM BHS HOT DIP GALVANIZED GASKET POSTS WITH PRESSURE STEEL CAPS
TO MATCH DETAIL WITH HORIZONTAL CHANNELS. SECURED TO POSTS WITH 4 X 4MM ANGLE CLIPPER WITH POSTS SET IN
MINIMUM 100MM 20MM AGGREGATE MASS CONCRETE BASES 100 X 200 X 600MM DEEP.

Owner's signature: _____
Architect's signature: 0829018215

HUIZINGA ARCHITECTS
• DU RAND HUIZINGA DESIGN & MANUUF. CC
• 59 KENYATTA RD. BELLARY AVE. PANDOLLA NATAL
• TEL. 031 485948 FAX 086 6135553
• EMAIL: DEEPAH@HUIZINGAARCHITECTS.CO.ZA

Client: Dr. N. Miller
Project: Alterations & additions to existing dwelling

Title: Sections

Rate no: _____
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
MILLER	SUB-3	*