## GENERAL NOTES:

1. OCCUPANCY: H4.
2. ALL WORK TO COMPLY WITH SANS 10400.
3. ALL DIMENSIONS AND LEVELS GIVEN TO BE VERIFIED ON SITE, WHEN IN DOUBT, CONFIRM WITH ARCHITECT.
4. OVERALL EXTERNAL DIMENSIONS ARE TO TAKE PRECEDENCE. WORK FROM FIGURED DIMENSIONS ONLY -DO NOT SCALE FROM THE DRAWINGS.
5. WHERE APPLICABLE, SUB-CONTRACTORS TO CHECK ON SITE THE SIZE OF COMPONENTS PRIOR TO MANUFACTURE.
6. ROOF CONSTRUCTION TO COMPLY WITH PART 'L' OF SANS 10400.
7. DEPTH OF FOUNDATIONS TO BE APPROVED ON SITE BY CONSULTING ENGINEER.
8. ALL LINTOLS OVER DOORS AND WINDOWS LAID TO MANUFACTURER'S SPECIFICATIONS.
9. FINISHED FLOOR LEVEL TO BE MIN 150mm ABOVE NATURAL GROUND LEVEL.
10. ALL GLAZED DOORS AND WINDOWS IN EXCESS OF 1sqm OR WITHIN 300mm OF FINISHED FLOOR LEVEL TO BE SAFETY GLAZED.
11. DPC TO BE MIN 150mm ABOVE EXTERNAL FINISHED GROUND LEVEL.
12. DPC'S TO ALL WINDOW CILLS VERTICAL DPC'S TO ALL CHANGES IN GROUND FLOOR LEVELS.
13. STORM WATER TO BE DIRECTED AWAY FROM BUILDING. ROOF TRUSSES TO BE FIXED AS PER CONSULTING ENGINEER'S SPECIFICATIONS.
14. ALL PORTIONS OF STRUCTURAL TIMBER BUILT INTO WALLS ARE TO BE WELL TARRED, CREOSOTED AND/OR ENCASED IN A DAMP PROOF MEMBRANE.
15. BEAM FILL TO UNDERSIDE OF ROOF COVERINGS.

## DRAINAGE NOTES:

* ALL DRAINAGE TO COMPLY WITH PART 'P' OF SANS 10400
* IE'S TO ALL BENDS AND JUNCTIONS IN WASTE, SOIL AND DRAIN PIPES
* IE'S UNDER GROUND TO BE MARKED AT GROUND LEVEL
* DRAINS UNDER BUILDINGS TO BE ENCASED IN 150mm CONCRETE, HAVE NO BENDS OR JUNCTIONS AND HAVE IE'S AT EITHER END
* WASTES TO BE FULLY ACCESSIBLE FOR REPAIRS
* WASTE PIPES FOR WHB TO BE 50mm MIN
* SOIL DRAINS TO BE 110mm diam. UPVC UNLESS OTHERWISE STATED AND BE FULLY ACCESSIBLE
* OVP'S TO BE 110mm UPVC OR OTHER APPROVED AND BE CARRIED UP MINIMUM b100mm ABOVE THE HIGHEST JUNCTION WITH THE ROOF AND/OR 200mm ABOVE THE HIGHEST DOOR OR WINDOW HEAD WITHIN 600mm OF SAME
* ALL SOIL PIPES WITH MAX FALL OF 1: 60
* WASTE FITTINGS TO BE FITTED WITH APPROVED RESEAL TRAPS AND FULLY ANTI-SYPHONED IF REQUIRED BY LOCAL AUTHORITY
* I.E'S TO ALL CONNECTIONS
* R.E'S AT CHANGE OF DIRECTION AND HEAD OF DRAIN WITH MARKED COVERS AT GROUND LEVEL
* DRAIN PIPES EXCEEDING 6m TO JUNCTION TO HAVE OWN 110 diam. OVP
* WHERE DRAINAGE OCCURS UNDER FOUNDATIONS AND CONCRETE FLOOR SLAB, DRAIN TO BE PROTECTED AGAINST THE LOAD
* MINIMUM INVERT LEVEL OF DRAIN 460mm
* 110 diam.OVP AT HEAD OF DRAIN
* MINIMUM FALL OF DRAIN 1: 60

## SANS 10400-XA & SANS204 CALCS:

CLIMATE ZONE 5
OCCUPANCY CLASSIFICATION H3
TOTAL FLOOR AREA 348.98sqm

DOUBLE-SKIN MASONRY WITH NO CAVITY, PLASTERED INTERNALLY, MIN. R VALUE REQUIRED 0.35
MIN. CR VALUE REQUIRED 60HRS

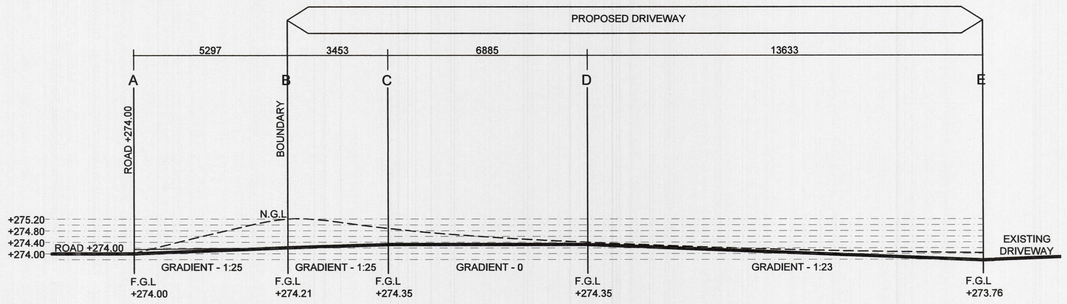
CONDUCTANCE 476.98 X 1.4=667.77
SOLAR HEAT GAIN 476.98 X 0.11=52.47
% OF FENESTRATION 11.71%
CONDUCTANCE ACHIEVED 293.96
SOLAR HEAT GAIN ACHIEVED 21.2

THERMAL INSULATION - 110mm THICK ISOTHERM INSULATION, DENSITY 11.5kg/m³

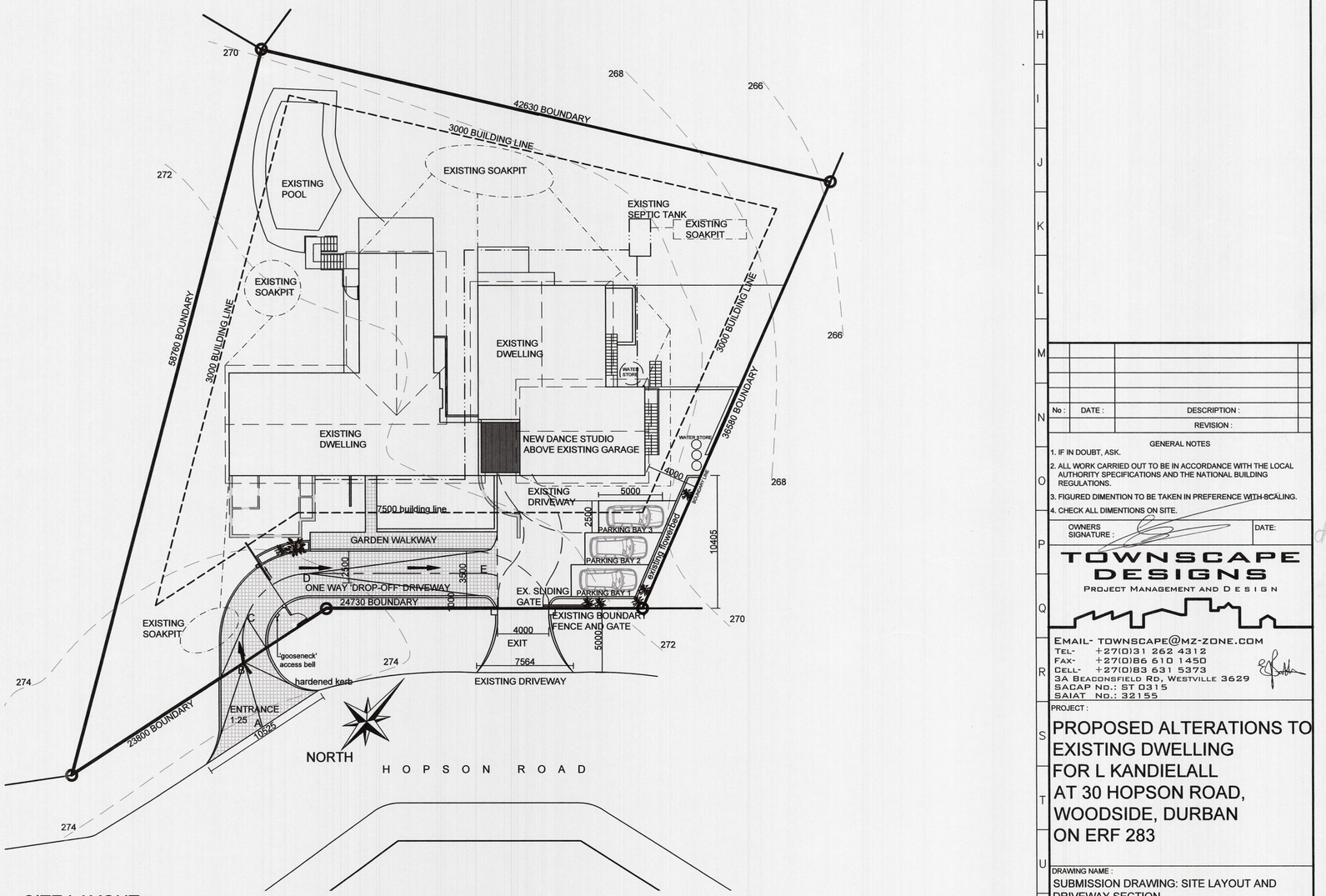
DAILY HOT WATER CONSUMPTION 280L
INSULATION REQUIREMENT MIN. R VALUE 1.00 FOR INTERNAL O HOT WATER PIPE <80mm

FLOOR CONSTRUCTION
CONCRETE

PIPE INSULATION
GLASSWOOL INSULATION ON ALL EXTERNAL HOT WATER PIPES
GEYSER BLANKET - FLEXIABLE GLASSWOOL WITH FOIL FACING - R VALUE 1.2




## NEW DRIVEWAY SECTION
SCALE: 1:100




## SITE LAYOUT
SCALE: 1:200

| No : | DATE : | DESCRIPTION : / REVISION : |
|---|---|---|
| | | |

GENERAL NOTES

1. IF IN DOUBT, ASK.
2. ALL WORK CARRIED OUT TO BE IN ACCORDANCE WITH THE LOCAL AUTHORITY SPECIFICATIONS AND THE NATIONAL BUILDING REGULATIONS.
3. FIGURED DIMENTION TO BE TAKEN IN PREFERENCE WITH SCALING.
4. CHECK ALL DIMENTIONS ON SITE.

OWNERS SIGNATURE : DATE: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PROJECT :

# PROPOSED ALTERATIONS TO EXISTING DWELLING FOR L KANDIELALL AT 30 HOPSON ROAD, WOODSIDE, DURBAN ON ERF 283

| | |
|---|---|
| DRAWING NAME : SUBMISSION DRAWING: SITE LAYOUT AND DRIVEWAY SECTION | |
| DATE : APR 2022 | SCALE : 1:100 & 1:200 @ A1 |
| DRAWING No : 2022-48-101 | DRAWN BY : C. KNUDSEN |