

Concrete slab to engineer with

screed to slope to water outlet

TYPICAL ROOF-SLAB DETAIL

the concrete roof

Rainwater drip.

TYPICAL ROOF SLAB AND I-BEAM CONNECTION

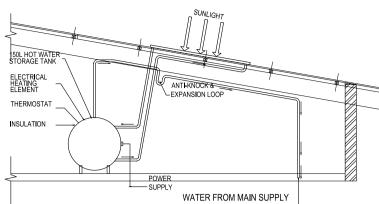
Solar Geyser Note:

- Solar panels must be screened from street view. All public spaces as well as neighbors.
- Geyser for the solar installations be situated in the roof void.
- Pumps to be behind screen walls in kitchen yards.



- 2.055x100mm Double solar panel

To be installed by specialist acc to SANS 10400



TYPICAL SOLAR HOT WATER SYSTEM

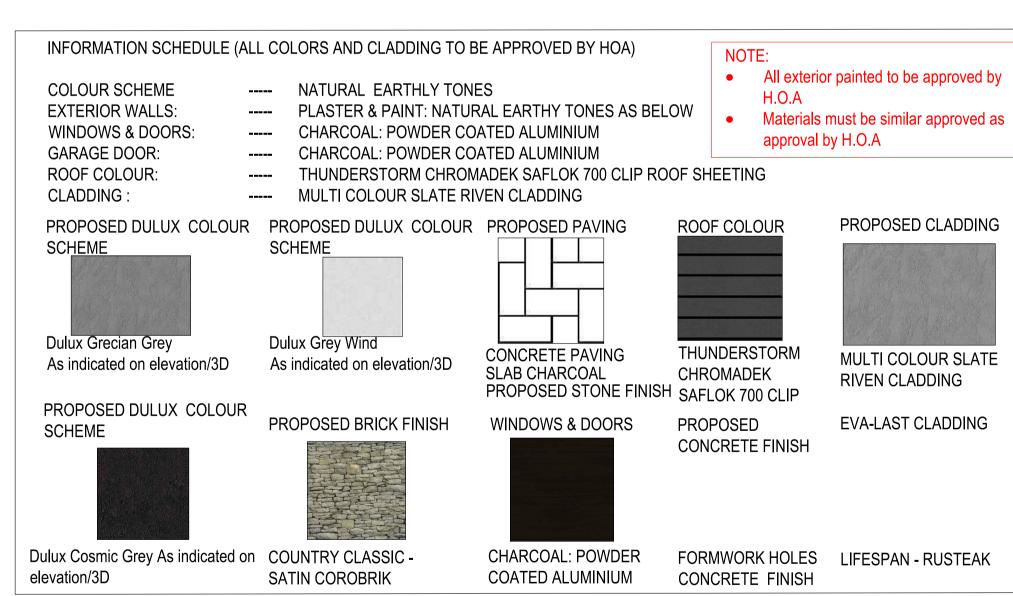
Roof note 1: 3°-30° Roof Pitch, Roof overhang - see Roof plan. Thunderstorm Chromadek Saflok 700 Clip roof sheet ON 76x50mm SA PINE ROOF BATTENS @

Roof note 2: Reinforced concrete slab roof acc to eng specs & specialist erection. Min 30mm screed with 1:80 fall away from building to Full bore outlet (see detail). Derbigum or Similar 700mm centers on 114x38mm SA Pine Beams @ max 1000mm, ON 114x38mm SA approved waterproofing One layer Derbigum SP4 waterproofing membrane, with 75mm side laps Pine Wall Plate. ISOBOARD 80mm WALL TO WALL INSULATED CEILING (in Bedroom and 100mm end laps, sealed to primed surface to falls and crossfalls by "torch-fusion" including 1-2, Bathroom, Double Garage & Scullery). ISOBOARD 80mm BETWEEN TRUSSES protection of 50mm thick layer clean 19-25mm crushed stone on Interdek separation layer. INSULATED CEILING (in Main Bedroom, Main Bathroom, Lounge, Dining & Kitchen) to Waterproofing to be installed by an Approved Derbigum Contractor under a ten year guarantee.A be installed with a layer of 75mm Fibre acoustic insulation laid over the Isoboard to assist stone-guard or band of larger stones should be positioned around the outlets so as to ensure that

with the dampening of weather noise. Confirm and approved by engineer. the smaller stone is not 'washed' down the outlets. Confirm and approved by engineer WALL HEIGHT 5410.00 <u>WALL HEIGHT 420</u>0.00 LINTEL HEIGHT 3440.00 MAIN BEDROOM Steps Note 1: Concrete profile stairs _____LINTEL HEIGHT 2590.00 2|SCREED FROM SENSCREED LINTEL HEIGHT 2590,00 STOREED FROM SENSCREED IS SCREED FROM SENSCREED Riser to be 170mm and 300mm tread Interior Painted Note: All to be indicated No. Steps to be Interior walls to be Plaster determined on site. See stair detail and Paint to owner <u>UFFL 6</u>70,00_____ UFP 3750000 Polyolefin Damp Proof Course (DPC) Foundation Note: 800x300mm Proof Course DPC Steel Reinforced Concrete Floor Note: 25mm Thick cement screed on 85mm concrete surface bed with ref. 193# on clean compacted fill in layers not exceeding Foundation to be confirm 170mm to compaction of 95% MOD AASTHO 450 MICRON USB underlay with ant and termite poison acc to Eng spec. Foundation Not and approved by eng All slabs: Derbigum torched on waterproofing on Steel Reinforced Concrete cement screed to fall to full bore outlet.

SECTION B-B

SCALE 1:100



GLAZING NOTES:

Glazing to be in strict accordance with AAAMSA performance criteria A0, glazed in accordance with SANS 10160, SANS 10137, SANS 10400 (Part N of Section 3) and SANS 1263 Safety glazing is to be in strict accordance with SANS 10400 (Part N) Provide glazing indicators on glass doors and windows as per SANS 10400 (Part N) Glazing from FFL to 1000mm above FFL=safety glass Glass thickness as per schedule 1 of part N of the NBR

0-0.75m = 3mm CLEAR GLASS. 0.75- 1.5m = 4mm CLEAR GLASS.

1.5m AND MORE = 6mm CLEAR GLASS.

MATT GLASS = 4mm.

SLIDING DOORS = 6.5mm SAFETY GLASS WITH MARKERS ACCORDING TO S.A.B.S. STANDARDS

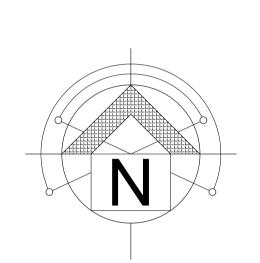
All drainage to be in accordance with NBR. All sewer downpipes to be concealed in accessible ducts with access hatch. RE and IE to be fitted before and after entering and exiling building underground. Inspection eye's to all bends abd junctions suitably marked at ground level 70mm re-seal anti syphon two-way traps to all waste fillings. All showers on

to have bras traps. All waste and soil pipes to fall min 1:100 accept otherwise indicated. No bends or junctions of drain pipes to be under floor slabs. All galleys to be in an open space. Cleaning Eyes at every 25m intervals. All pipes

under a building or with IL less than 400mm below ground level must be encased in 100mm concrete.

ALL MATERIALS AND CONSTRUCTION MUST COMPLY WITH NATIONAL BUILDING REGULATIONS ACT NO. 103 OF 1997. INCLUDING ALL AMENDMENTS AS WELL AS THE BY-LAWS OF THE LOCAL AUTHORITIES. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE AND NO DRAWINGS MUST BE SCALED. ANY INDISTINCTNESS OR DISCREPANCIES MUST BE IMMEDIATELY POINTED OUT TO THE ARCHITECT FOR RECTIFICATION OR EXPLANATION BEFORE ANY CONSTRUCTION CAN COMMENCE. ALL PLANS ARE PROTECTED BY THE COPYRIGHT ACT NO. 98 OF 1978.

ENERGY EFFICIENT MEASURES TO BE TAKEN BY CLIENT. ALL LIGHTS TO BE FITTED WITH ENERGY EFFICIENT FITTINGS. ALL WESTERN WINDOWS TO BE SHADED WITH TREES. WATER SAVING SHOWER HEADS TO BE FITTED. TOILETS TO BE WITH WATER SAVING FLUSH CONTROL. ENERGY EFFICIENCY TO BE TAKEN IN BUILDING TO COMPLY WITH PART XA. MIN 50% OF HOT WATER REQUIRED TO BE SUPPLIED BY HEAT PUMP OR SOLAR. ALL EXPOSED HOT WATER TO INSULATED WITH A "R' VALUE OF 1 ROOF OVERHANG 400mm, ROOF ASSEMBLIES TO ACHIEVE A "R" OF 32 WALLS TO BE 230 BRICK PLASTERED BOTH SIDES WATER TO BE SLOPED AWAY FROM BUILDING. ALL STRUCTURAL WORK TO COMPLY WITH KK5 OF SABS 10400 AND 0401 THE CONTRACTOR ON SITE MUST MAKE SURE THAT THE LEVEL BETWEEN THE HOUSE AND GARAGE IS SO THAT A CAR CAN ENTER THE GARAGE WITH EASE. ALL TIMBER TO BE TREATED ACCORDING TO SABS 1288 STANDARD, ALL FINISHED FLOOR LEVELS ARE TO BE DETERMINED ON SITE AFTER SETTING OUT THE COMPLETED PROJECT. IT IS THE RESPONSIBILITY OF THE OWNER AND OF SUBCONTRACTOR OR CONTRACTOR TO CHECK ALL DIMENSIONS, AREAS, LEVELS AND SITE BOUNDARIES BEFORE COMMENCEMENT OF THE WORK ON SITE ANY DISCREPANCY SHOULD BE REPORTED TO THIS OFFICE AT ONCE. ANY DISCREPANCY BETWEEN PLANS, SPECIFICATION AND QUOTATION SHOULD BE REPORTED TO THIS OFFICE AT ONCE, ANY REVISIONS AND OR CHANGES DONE ON SITE MUST BE REPORTED TO THIS OFFICE AT ONCE. NO WORK ON SITE SHALL COMMENCE BEFORE PLANS ARE APPROVED BY THE LOCAL AUTHORITY AND SUCH APPROVAL IS IN THE POSSESSION OF THE CONTRACTOR. IT SHALL BE DETERMINED ON SITE BY THE CONTRACTOR I THE GROUND SHALL NEED TO BE INSPECTED BY A ENG TO DETERMINE IF REINFORCING ARE NEEDED IN THE FOUNDATIONS. ANY CONTRACTOR AND OR SUB-CONTRACTOR SHALL AT ALL TIMES MAKE SURE THAT ANY MATERIAL USED ON SITE SHALL BE SUITABLE FOR THE USE THEREOF AND INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION.



DRAWING STATUS

Foundation to be confirm

Sketch plan only

RESIDENTIAL 1

ARCHITECTS



domus and Associates Architects

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PROJECT:

New Proposed House for Mr. & Mrs. Cussons on Erf 2229, Blue Wildebeest Street Schoongezight Estate, Cashan Ext 7 Rustenburg

DRAWING DESCRIPTION:

Sketch plan Site & Floor layout

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SACAP No - 21044		
DRAWN:	SCALE:	\
Janine	See plan	
DATE:	REVISION:	
08/09/2022	03	
PROJECT NO.:	DRAWING NO.:	
222-09	SK101	