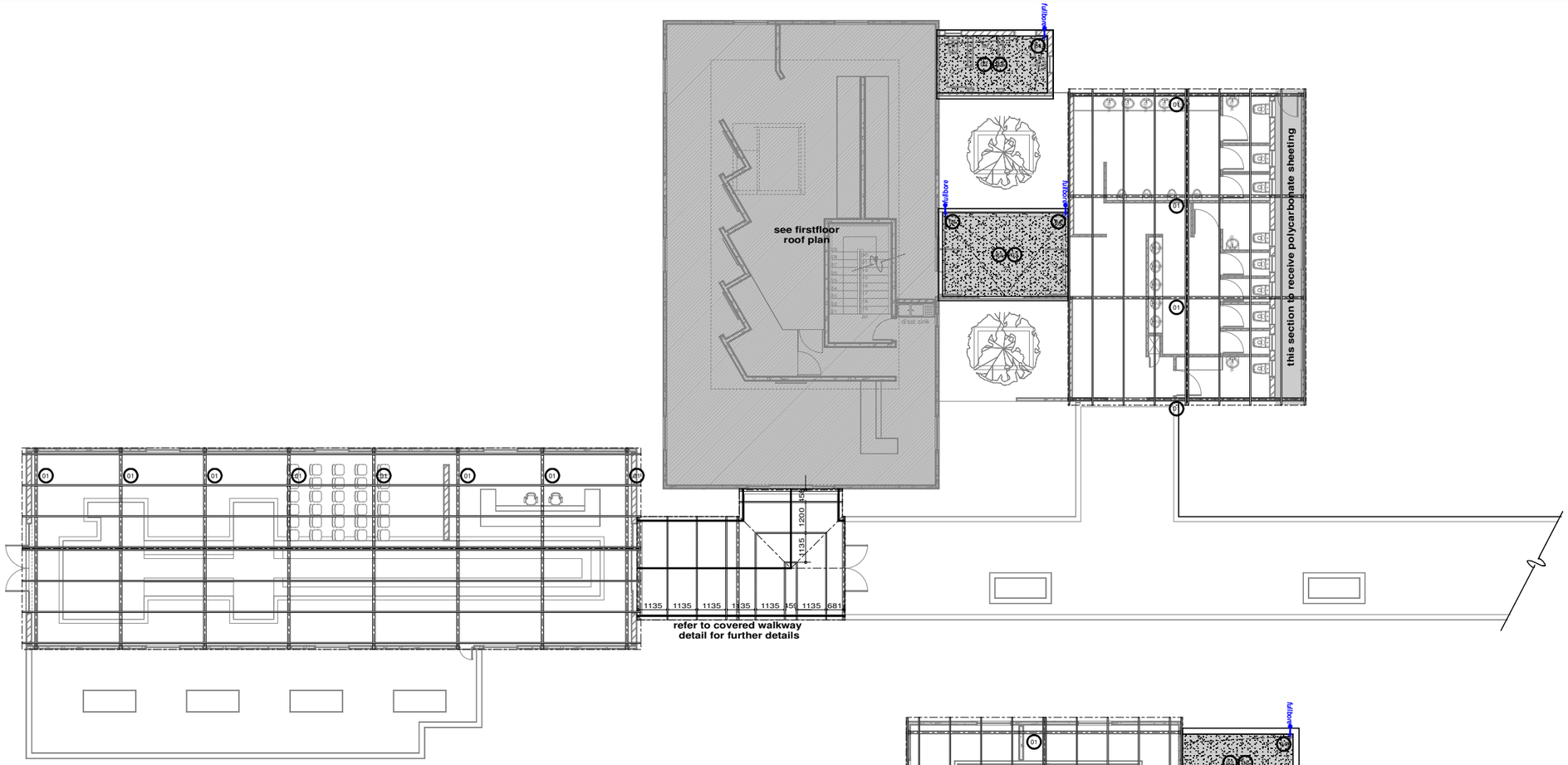


Scale 1:100

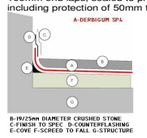
Taung Skull & Mine Museum - groundfloor roof plan

roof notes:

01 **existing steel trusses:**
exisiting steel trusses to be sanded down and prepared for painting. all steel purlins to be checked and repaired or replaced where necassary, then sanded down and prepared for painting. all steel angles to be painted with Plascon white gloss enamel.

02 **new roofslabs:**
170mm thick reinforced concrete roofslab with 170mm upstand beams as designed by structural engineer. Steel reinforcing etc. to be done strictly to structural engineers specifications. fullbores to be installed for drainage purposes as indicated on plan. (see fullbore specification)

03 **roofslab waterproofing:**
One layer Derbigum SP4 waterproofing membrane, with 75mm side laps and 100mm end laps, sealed to primed surface to falls and crossfalls by 'torchfusion' including protection of 50mm thick layer clean 19-25mm crushed stone.

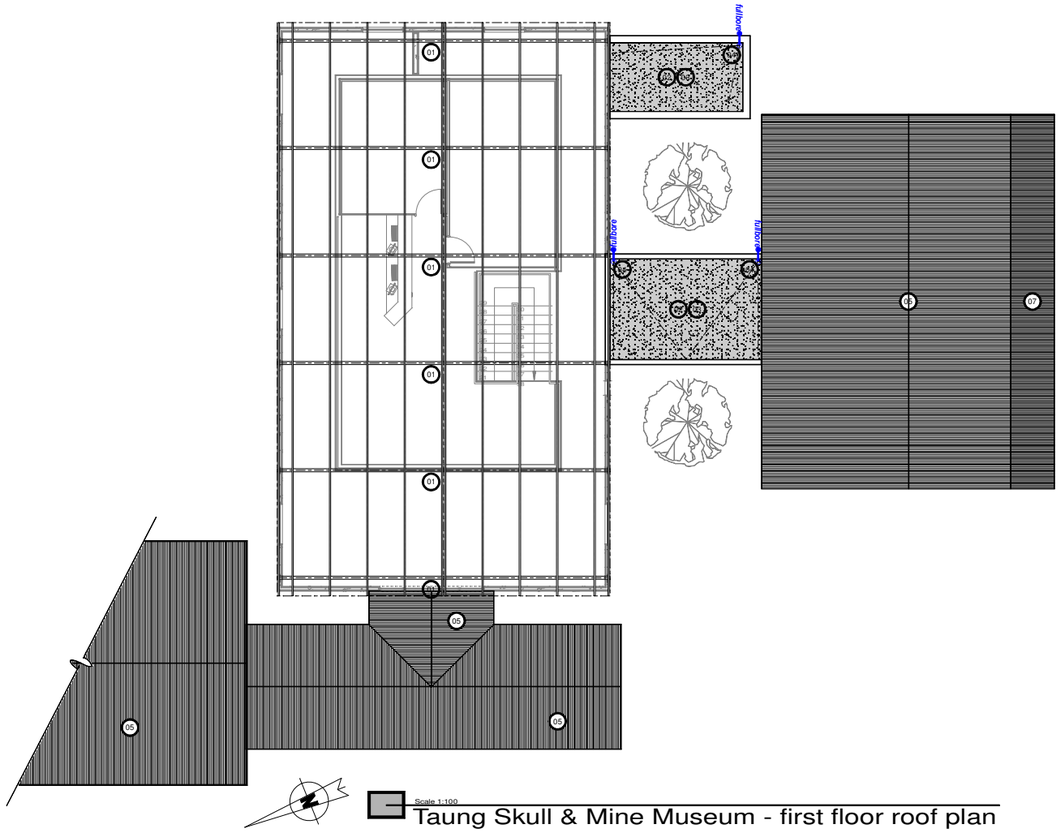


04 **fullbore specification:**
Saint Gobain Pipelines South Africa 150mm 90º centre bolt side roof outlet with dome grating (Code: 03590). downpipes to be installed and routed to ground level. downpipes to be painted to match wall finishes.

05 **roofsheeting:**
roofsheeting to be replaced with:
Global Roofing Solutions 0,80mm thick 762mm cover Corrugated profile Z275 spelter ISQ550 galvanised steel roof sheeting, fixed to steel exisitng purlins using Hex Flange Head + EPDM Seal self drilling No. 3 drill point, No. 12-14 x 53mm long fasteners. Purlin fixed to first, fourth and eighth crest of each sheet and at all crests at sheet ends, all in accordance with the manufacturer`s specifications.

06 **roof insulation:**
refer to drawing TAUNG-42017-ARC-TS06 for roof insulation specifications.

07 **policarbonate sheeting:**
DUROplastic NATRALITE® polycarbonate profiled corrugated sheeting. colur: clear. installed as per manufacturers specifications and recommendations.



Scale 1:100

Taung Skull & Mine Museum - first floor roof plan

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No:	Date:	Notes:	Drawn:
Rev 00	28/06/17	working drawings started	cvw

GENERAL NOTES:

1. Check all measurements,levels and details on site before commencement with work.
2. Refer any discreptancies to architect
3. All work to be done in accordance with SANS-10400
4. Nothing to be scaled from drawing: request measurement from architect
5. Architect's & engineer's drawings to be read together
6. Drawing to be used for intention as mentioned in Drawing description.

read
Department: Rural, Environment and Agricultural Development
North West Provincial Government
REPUBLIC OF SOUTH AFRICA

CLIENTS SIGNATURE:

NORTH WEST
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

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ARCHITECTS SIGNATURE:

TITLE:

PROPOSED ALTERATIONS & ADDITIONS TO TAUNG SKULL HERITAGE SITE FOR NORTH-WEST RURAL, ENVIRONMENTAL & AGRICULTURE DEPARTMENT PROVINCE OF NORTH-WEST

DRAWING DESCRIPTION:
taung skull- & mine museum:
roof plans

ORIGINAL DRG. SIZE: A1

SCALE: 1/100

REV. 0

DRG No.: TAUNG - 42017 - ARC - TS07