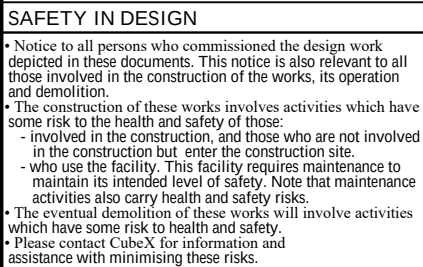


3D perspective view of a roof assembly. The assembly consists of a sloped roof section and a flat section. The sloped roof is labeled with 'SRF TRIMDEK_042 COLOUR' and 'SEW TRIMDEK_042 COLOUR'. The flat section is labeled with 'SLT TRIMDEK_042 COLOUR' and 'SEW TRIMDEK_042 COLOUR'. The assembly is supported by a series of vertical supports, which are labeled with 'SLT TRIMDEK_042 COLOUR' and 'SEW TRIMDEK_042 COLOUR'. The assembly is shown in a perspective view, highlighting the sloped roof and the flat section.



- Fill back all topsoil / foundation to be CBR 15, compacted in 150mm layers to a minimum of 95% standard deviation (SD) as specified by SAA codes.
- Strip back all sand, vegetation and organic matter before placing fill, proof roll for soft spots and fill soft spots as per above specification.
- Lay out concrete soils with a minimum end bearing capacity of 100 KPa and soil shall be cohesive (clay) with a minimum undrained shear capacity of $C_u = 50 \text{ kPa}$.
- Geotechnical conditions must be verified on site prior to construction.
- Specification and supply of concrete to be in accordance with Australian Standard AS 1379.
 - Concrete strength:
 - Slab $F_c = 25 \text{ Mpa}$
 - Footing $F_c = 25 \text{ Mpa}$
 - Slump = $60 \pm 15 \text{ mm}$
 - Maximum aggregate size of 20 mm.
 - Concrete must be consolidated by a vibrator
 - Concrete cure time a minimum of 7 days
 - Tie bars refer to deformed tempcore bars.
 - SL refers to slab mesh.
 - R-type bars refer to round bars.
 - Bars and mesh must be adequately supported.
 - Max 600 mm c/c for bars, 900 mm c/c for mesh.
 - Minimum concrete cover 50mm all round
 - All reinforcement must be inspected by Cubex nominated engineer prior to pour.
 - Formwork is to be designed, constructed and removed in accordance with AS 3610
 - Reinforcement supplies to be 'full tension supplies' unless noted otherwise.
 - All concrete work shall be in accordance with Australian Standard AS 3600.

- * Fabricate and erect all structural steel in accordance with AS 4100, AS 1554 & AS 1252.
- * Unless noted otherwise:
 - Clouts, gussets and end plate to 32mm.
 - All bolts to be M 24 & 4.6 or higher with a washer.
 - For a single bolt connection, a nutlock nut shall be used.
 - All collared eyeballs shall be to AS 2317, galvanised, have a washer and nutplate.
- * Welds to be per GPM code. fillet welds to mild steel sections, & 3mm cont. fillet welds to 304 stainless steel.
- * All built webs (CPWB & PPWB) to be Gp grade.
- * Weld consumables to be ABXW 5050.
- * All welds to be free of slag, spatter and slag for testing of welds as deemed necessary.
- * Submit 2 copies of shop drawings to engineer for approval before commencing fabrication
- * Maintain stability of structure throughout construction.
- * All steel work to be sandblasted to class 2.5 and hot dipped galvanized or paint finished to clients specifications.
- * All RHS beams to be Grade 500 unless noted otherwise.
- * All IUB, UC or PFC members shall be Grade 300 unless noted otherwise.
- * Steel clouts / plates shall be Grade 250 unless noted otherwise.
- * Cold formed sections to be AS/NZS 4680.

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Mt Riddock
26 Wilkinsons Rd,
Arding, NSW, 2358

Scale:
1:275

Drawing No:
S01.

Approved By:

Size:
A2