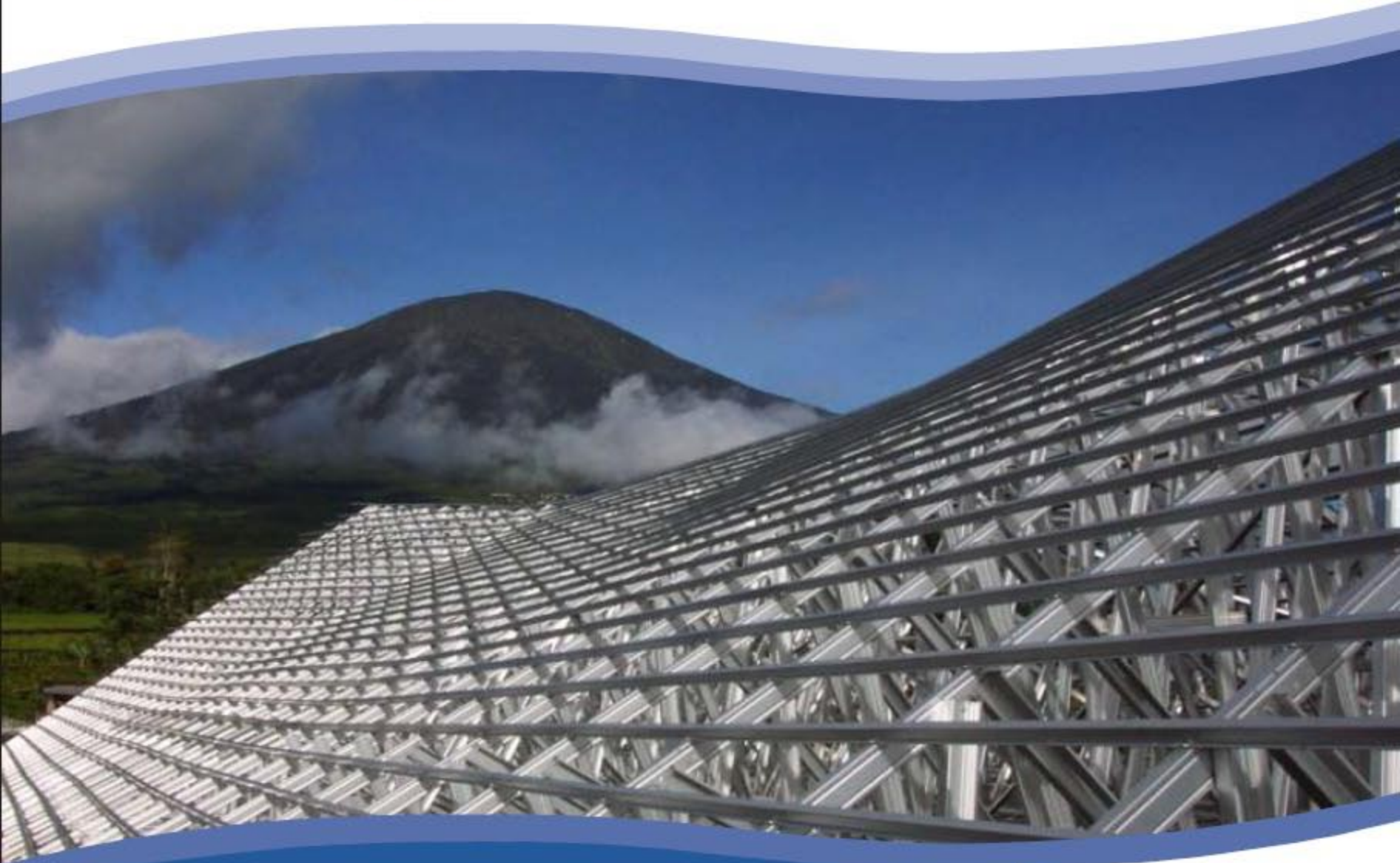


LYSAGHT



" One and Only "



SMARTRUSS[®]

Steel Truss Solution



DESIGN
FLEXIBILITY



DURABILITY/
SECURITY



HI-TECH
PRODUCTION



RECYCLING



THERMAL
EFFICIENCY



WARRANTY



SMARTRUSS



"A roof truss system that offers durability, affordability, strength, stability and compatibility with traditional building methods."

LIGHT WEIGHT STEEL

Manufactured from Light Weight Steel:

- Light weight steel is coated with a 55% aluminum & 43.5% zinc Coating to prevent rust
- This outperforms the normal zinc galvanized steel by up to 4 times



55% Al
43.5% Zinc
Coating



LIGHTWEIGHT

- Easily handled
- Low crange cost
- Reduce foundation costs

Advantages of Light Weight steel vs Timber Trusses	Advantages of Light Weight steel vs Mild Steel Trusses
Material consistency	Light and easy handling
Fire resistant	Welding not required &
Unaffected by termites	Speed of construction
Longevity	Does not require painting
Less installation errors	Corrosion resistant
	No material wastage



DESIGN
FLEXIBILITY



DURABILITY/
SECURITY



HI-TECH
PRODUCTION



RECYCLING



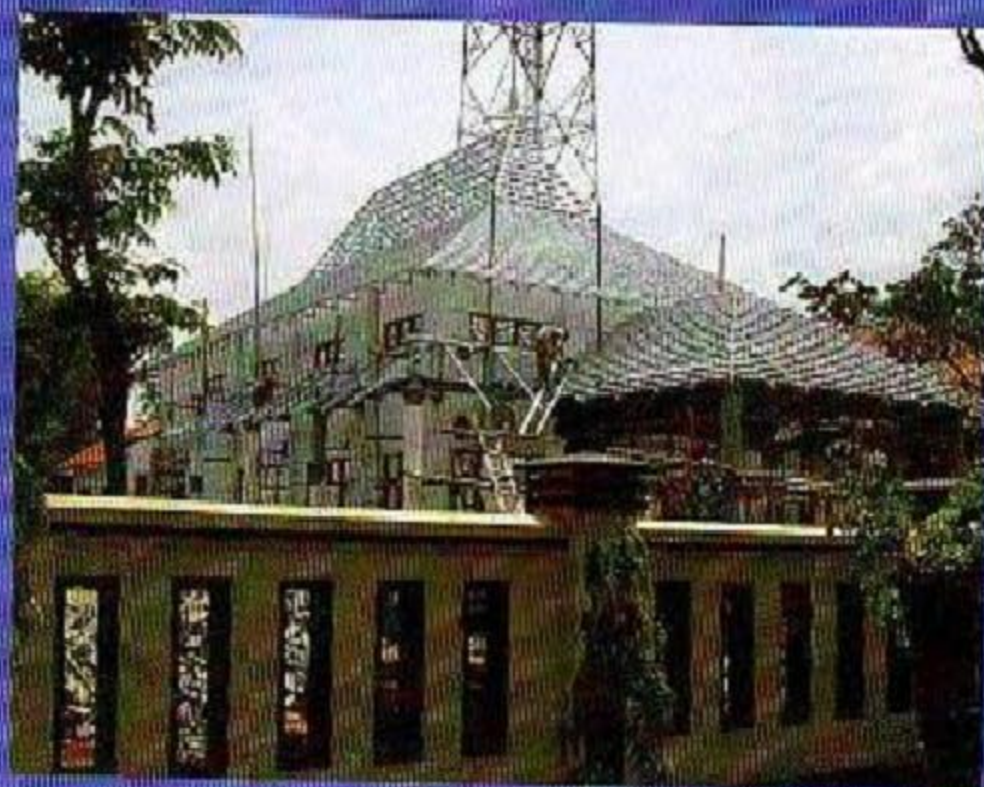
THERMAL
EFFICIENCY



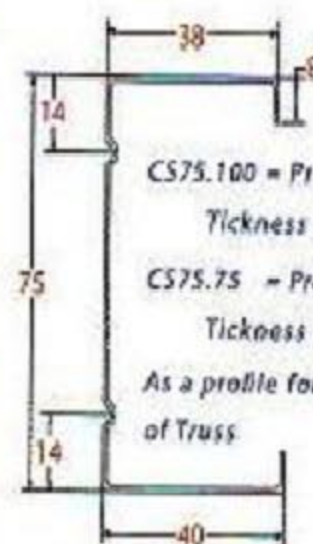
WARRANTY

SMARTRUSS

Stell Truss Solution



Section **properties**



C575.100 = Profile C75

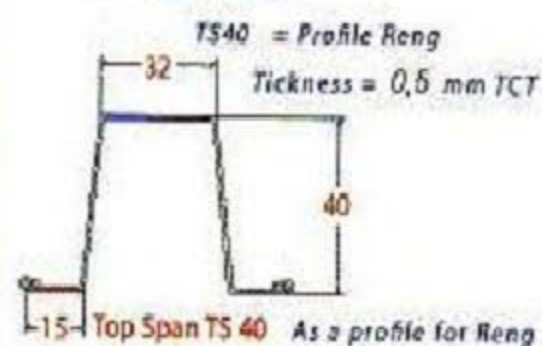
Thickness = 1,05 mm TCT

C575.75 = Profile C75

Thickness = 0,80 mm TCT

As a profile for main structure
of Truss

C75.100 / C75.75

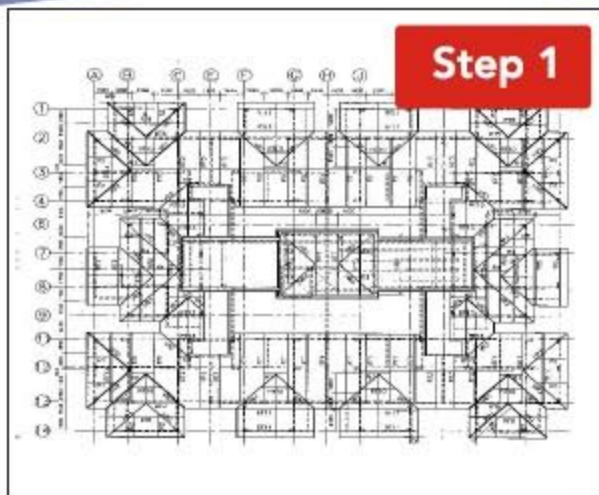


T540 = Profile Reng

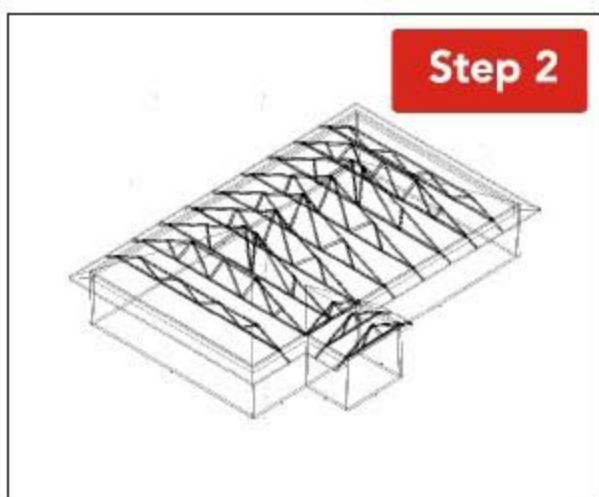
Thickness = 0,5 mm TCT

Top Span TS 40 As a profile for Reng

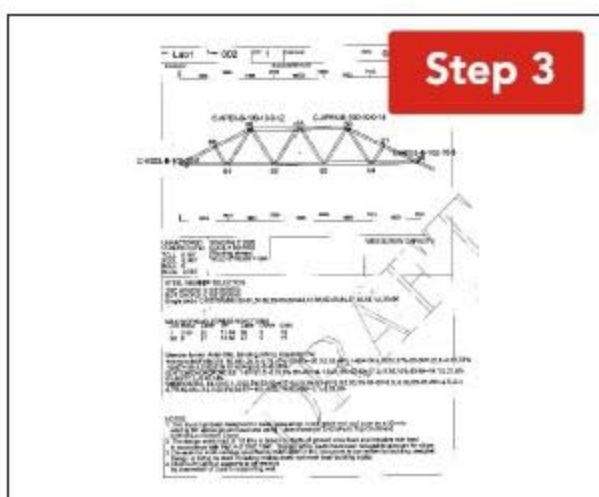
COMPUTER DESIGNED (by SUPRACADD™)



Input building layout



Trusses are designed



Engineered calculation performed

PRECISION MANUFACTURED



Truss components are manufactured



Bundled together and marked



Can be fabricated off site and delivered pre assembled



Or assembled on site



WARRANTY

BlueScope Lysaght
provide Anti Rust
and Structural
Warranty



SITE SUPERVISION

Supervise all
installation work
based on shop
drawing & standard
installation



INSTALLATION TRAINING

Installation training
for licensed
fabricator is given
periodically



**SUPRACADD™ HAS BEEN CERTIFIED AS
SOFTWARE WHICH COMPLY WITH
TECHNICAL PROVISION FOR LIMIT STATE
COLD-FORMED STEEL STRUCTURE DESIGN**



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SURAT REKOMENDASI

No. 111-03/ II-02 / V I / 2003

BERDASARKAN

1. Berdasarkan surat Permohonan Rekomendasi No. 187/ TP/IX/02 tanggal 12 September 2002 tentang Software Design SUPRACADD (sebagai pendukung SMARTRUSS System)
2. Hasil presentasi Software Design SUPRACADD (sebagai pendukung SMARTRUSS System) pada tanggal 12 Mei 2003 dan tanggal 13 Juni 2003 di dalam acara Rapat Anggota HAKI.

MENGINGAT

: Anggaran Dasar HAKI Bab II pasal 4 tentang Tujuan.

MENIMBANG

: Anggaran Dasar HAKI Bab III pasal 5 ayat 5 s/d 7 tentang pelaksanaan Tujuan

MEMUTUSKAN

MENETAPKAN

: Merekomendasikan bahwa software Design SUPRACADD (sebagai pendukung SMARTRUSS System) milik PT. BHP Steel Lysaght Indonesia telah memenuhi kaidah-kaidah tehnik yang benar dan dapat digunakan untuk perancangan Limit State Cold-Formed Steel Structure design

Dikeluarkan : Di Jakarta
Hari/Tanggal : Rabu / 30 Juni 2003



Ir. Davy Sukamta
Ketua

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