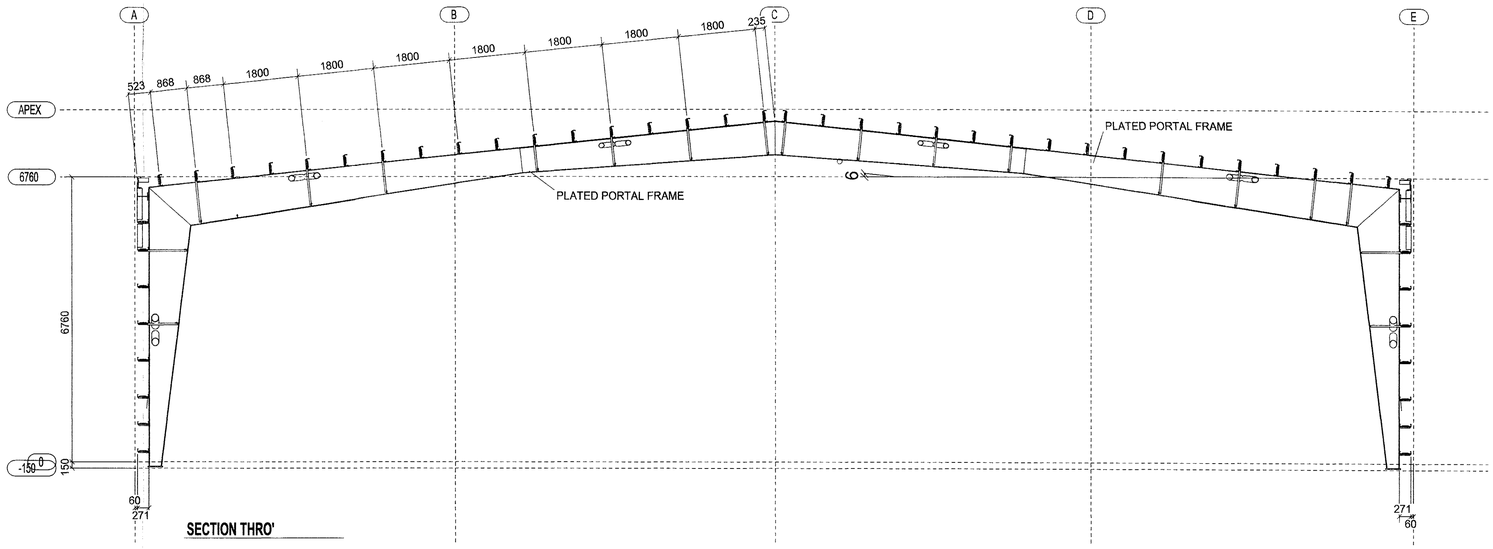
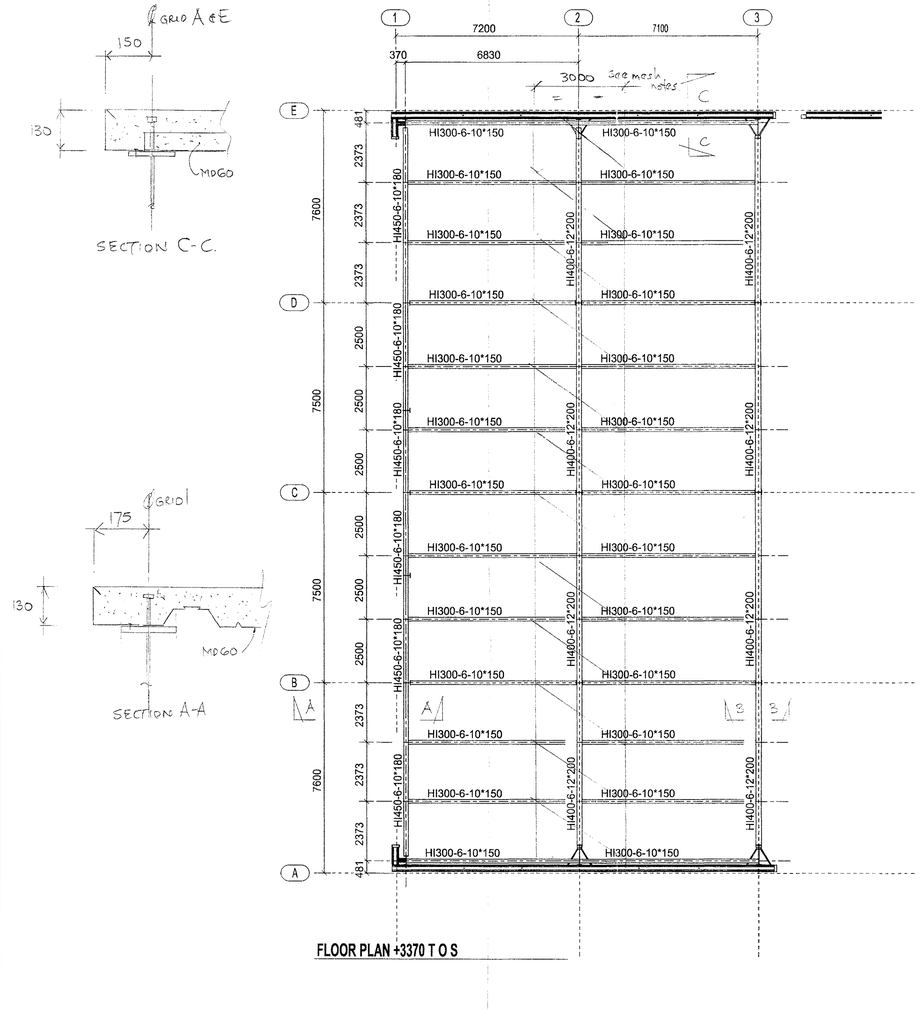
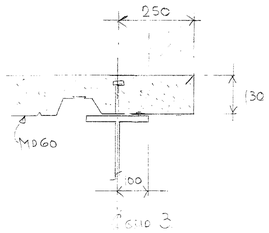




SECTION C-C.

SECTION A-A



SECTION B-B

FLOOR PLAN +3370 T O S

NOTES FOR FLOOR DECKING/STUDS

Metal decking shall be as follows:
Wards Multideck 60: 1.0mm thick gauge(double span) unpropped during pouring of concrete.

All metal decking shall be installed in accordance with manufacturers instructions with a 130mm thick slab using grade C30 concrete and normal weight aggregate.

Shear studs shall be headed studs with a characteristic yield strength of 350N/mm2 and a minimum ultimate tensile strength of 450N/mm2

Unless stated otherwise all studs to be 19mmØ x 95LAW

When flange thickness is less than 7.6mm(0.4D), studs must be welded on centre line of floor beams.

Tops of all beams to be unpainted to allow through deck welding of shear studs .Shear studs to be generally positioned in every trough unless noted otherwise

Floor slab to include a single layer of A142 mesh shear reinforcement to all areas except to area shaded on plan at 500mm² min . All mesh to be laid in accordance with Wards recommendations.

Concrete to be placed in such a way that does not compromise the strength and deflection limits of the floor.The design does not allow for the loading from the extra weight of concrete ponding occuring during a mass flood technique of pouring.

The depth of the slab is to be a maximum of 130mm at any position along the beams after pouring.

FLOOR LOADINGS

130NWC Slab	2.228kN/m2
SW Decking	0.102kN/m2
Partitions	1.000kN/m2
Total	3.330kN/m2
Imposed load	3.000kN/m2

Verkfræðistofa Hauks Ásgeirssonar ehf.
Dalvegi 18, 201 Kópavogur

REV	DATE	DESCRIPTION

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Byggingafulltrúi Hafnarfjarðar
Afgreitt þann
09 JUNI 2005

PROJECT: STEINHELLA 10		SCALE: 1/125	FAB SYM
		QUOTE No/PROJECT No	
DRAWING TITLE: FLOOR PLAN & SECTION		CONTRACT NO: 04001	
DRAWN: BR	DATE: 10.07.2004	CHKD	DATE
DRAWING No: 6		REVISION	