

DESIGN SUMMARY FOR MEZZANINE

| | | | | |
|-------------------------|--------------------|---------------------------|-------------------------------|---------------------------|
| MEZZANINE | LIVE LOAD | 5.00 (KN/M ²) | MEZZANINE DEAD LOAD BREAKDOWN | |
| | DEAD LOAD | 4.00 (KN/M ²) | ITEM | LOAD (KN/M ²) |
| | COLLATERAL LOAD | -- | | |
| | TOTAL | 9.00 (KN/M ²) | | |
| | CONCRETE THICKNESS | 125 MM | | |
| TOP OF MEZZ (ABOVE FFL) | 5000 | | | |
| DECKING | 0.70 THK, TYPE- G | | TOTAL | (KN/M ²) |

DESIGN SUMMARY FOR MEZZANINE

| | | | | |
|-------------------------|--------------------|---------------------------|-------------------------------|---------------------------|
| MEZZANINE | LIVE LOAD | 2.00 (KN/M ²) | MEZZANINE DEAD LOAD BREAKDOWN | |
| | DEAD LOAD | 3.00 (KN/M ²) | ITEM | LOAD (KN/M ²) |
| | COLLATERAL LOAD | 0.15 (KN/M) | | |
| | TOTAL | 5.15 (KN/M ²) | | |
| | CONCRETE THICKNESS | 100 MM | | |
| TOP OF MEZZ (ABOVE FFL) | 9870 | | | |
| DECKING | 0.70 THK, TYPE- G | | TOTAL | (KN/M ²) |

| JOIST | SIZE | MAXIMUM SPACING | STD.END CONNECTION | NON.STD END CONNECTION | REMARKS |
|-------|-----------------|-----------------|--------------------|------------------------|---------|
| MJ1 | 300X04W+150X08F | 1667 | MZE-022 | - | |

| JOIST | SIZE | MAXIMUM SPACING | STD.END CONNECTION | NON.STD END CONNECTION | REMARKS |
|-------|-----------------|-----------------|--------------------|------------------------|---------|
| MJ1 | 300X04W+150X08F | 1667 | MZE-022 | - | |
| MJ2 | 300X04W+125X06F | 1667 | MZE-022 | - | |

| BEAM | WEB DEPTH x THICK | FLANGE WIDTH x THICK | STD.END CONNECTION | NON.STD END CONNECTION | REMARKS |
|------|-------------------|----------------------|--------------------|------------------------|---------|
| MB1 | 450x06 | 175x10 | MZE-003 | | |
| MB2 | 650x08 | 300x15 | MZE-008A | | |
| MB3 | 400x04 | 150x08 | MZE-003& DETAL X | | |

| BEAM | WEB DEPTH x THICK | FLANGE WIDTH x THICK | STD.END CONNECTION | NON.STD END CONNECTION | REMARKS |
|------|-------------------|----------------------|--------------------|------------------------|---------|
| | | | | | |

| COLUMN | SQUARE TUBE SIZE | BUILT-UP | | BASE PLATE SIZE | ANCHOR BOLT PATTERN |
|--------|------------------|-------------------|----------------------|-----------------|---------------------|
| | | WEB DEPTH x THICK | FLANGE WIDTH x THICK | | |
| MC1 | - | 300x5 | 200x10 | 225x20 | BR420 |

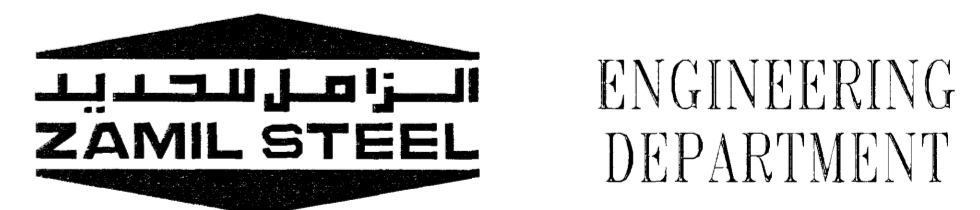
| COLUMN | SQUARE TUBE SIZE | BUILT-UP | | BASE PLATE SIZE | ANCHOR BOLT PATTERN |
|--------|------------------|-------------------|----------------------|-----------------|---------------------|
| | | WEB DEPTH x THICK | FLANGE WIDTH x THICK | | |
| MC1 | - | - | - | - | - |

MEZZANINE DECKING IS DESIGNED AS PERMANENT FORMWORK TO SUPPORT THE DEAD LOAD OF THE CONCRETE SLAB ONLY. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DESIGN THE CONCRETE SLAB FOR ALL WORKING LOADS
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

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VST Verkfræðistofa Sigurðar Thoroddsen hf.
F.h. VST hf. Hrólfur Þorsson
150746-4929
ASK
26. maí 2008
Hrólfur S. Gunnlaugsson

| NO. | DATE | DESCRIPTION | DRN | CHK | DSN |
|-----|------------|-------------------------|-----|-----|-----|
| 2 | 20.03.2008 | ISSUED FOR CONSTRUCTION | NSK | TPS | IPC |
| 1 | 24.11.2007 | RE-ISSUED FOR APPROVAL | MGK | VRA | IPC |
| 0 | 25.10.2007 | ISSUED FOR APPROVAL | KRT | VRA | IPC |



ZS JOB NO. : V7-D567 BUILDING NO.: 01
PROJECT NAME : HEDINN HOUSE
CUSTOMER : HEDINN
JOBSITE LOCATION : HAFNAFIRDI, ICELAND
DRAWING TITLE : MEZZANINE DETAILS
DRAWING NO. : E39