

DESIGN IN ACCORDANCE WITH BS EN 12811-1.  
ALL STEEL TUBE IN ACCORDANCE WITH BS EN 39.  
ALL COUPLERS TO COMPLY WITH BS EN 74.  
ALL BOARDS TO COMPLY WITH BS 2482-1.  
ALL DIMENSIONS IN MM.  
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SCAFFOLD ERECTION NOTES

**EDGE PROTECTION**  
ENSURE THAT DOUBLE GUARDRAILS AND TOE BOARDS ARE FIXED TO ALL WORKING PLATFORMS AND SINGLE GUARDRAIL ON ALL INTERMEDIATE PLATFORMS. SCAFFOLD ERECTION IN ACCORDANCE WITH THE LATEST CURRENT SG 4.

**STANDARDS**  
MAXIMUM LIFT HEIGHT 2200mm.

**TRANSOMS**  
TRANSOMS CENTRES OF 1000mm MUST NOT BE EXCEEDED WITH ADDITIONAL TRANSOMS AT BOARD JOINTS. BOARDS SHORTER THAN 1200mm TO HAVE A MINIMUM OF 3 TRANSOM.

**LEDGERS**  
MAXIMUM LEDGER SPAN 1800mm.

**PUNCHEONS**  
PUNCHEONS INDICATED THUS. FIX TO BOTH CHORDS OF BEAMS USING LOAD BEARING COUPLERS.

**BOARDS**  
USE 38mm SCAFFOLD BOARDS.  
SHORT BOARDS (LESS THAN 2400mm) TO BE FIXED DOWN USING BOARD CLAMPS.  
BOARD OVERHANG TO BE BETWEEN 50mm AND 150mm MAX.

**DOUBLE BOARDS - LOWER LIFT**  
USE DOUBLE 38mm SCAFFOLD BOARDS WITH MEMBRANE BETWEEN.  
SHORT BOARDS (LESS THAN 2400mm) TO BE FIXED DOWN USING BOARD CLAMPS.  
BOARD OVERHANG TO BE BETWEEN 50mm AND 150mm MAX.

**BRACING**  
BRACES FIXED TO BAYS INDICATED USING LOAD BEARING COUPLERS.

**FOOTINGS - TRIPLE SOLE PAD**  
CLIENT TO PREPARE SOUND AND LEVEL FOOTINGS. ALL STANDARDS ARE TO BE FOOTED ON M.S. BASE PLATES ON A TRIPLE ARRANGEMENT OF 225mm X 450mm X 38mm THICK TIMBER SOLE PADS. SEE DETAIL.

**BEAMS**  
TOP CHORD RESTRAINT @ 1.0M C/C MAX.  
BOTTOM CHORD RESTRAINT @ 2.0M C/C MAX.  
LATERAL BRACING AT @ 2.0M C/C MAX.  
PLAN BRACE FULL LENGTH UNDER TOP CHORD.  
FIX ALL STANDARDS, DROP TUBES OR PUNCHEONS TO BOTH CHORDS USING LOAD BEARING COUPLERS.  
FIX SUPPLEMENTARY COUPLERS AS INDICATED.  
AT SUPPORTS FIX LACING TUBES TO STANDARDS BELOW THE BEAM CHORDS. AT PUNCHEONS AND DROP TUBES FIX LACING TO TUBES ABOVE THE BEAM CHORDS.

**TIES**  
TIES TO BE FIXED IN POSITIONS INDICATED THUS. SEE TIE DETAIL FOR ARRANGEMENT / TYPE.

**TIE LOAD PROOF TEST**  
IN ACCORDANCE WITH THE CURRENT REVISION OF TG 4.  
PROOF TEST 3 No. OR 5% OF TIES (WHICHEVER IS GREATER)

**LADDERS**  
FIX LADDER ACCESSES INSIDE SCAFFOLD WITH SELF CLOSING GATE TO ALLOW ACCESS TO WORKING PLATFORM. LADDER TO BE A MINIMUM OF 1000mm ABOVE PLATFORM, WITH A RAKE OF 1:4.  
LADDER POSITIONS TO BE AGREED ON SITE.

**SETTING OUT POINT**  
SETTING OUT POINT INDICATED IN RED DIMENSIONS.  
SETTING OUT POINT TO BE LOCATED AND MARKED BY MAIN CONTRACTOR.

**SHEETING**  
SECURE REINFORCED PLASTIC SHEETING TO OUTSIDE PERIMETER OF SCAFFOLD USING ELASTICATED TOGGLE TIES.

780 CANTILEVERED BEAMS OVER CAR PARK ENTRANCE WAY

CAR PARK RAMP BRIDGING LADDER BEAMS - FIXED FROM DOLLY ON PARAPET TO BAND AND PLATE SINGLE STANDARDS

5 BOARD FAN AT BOARDED ELEVATIONS OVER PAVEMENT AREAS

ATHERTON STREET

LITTLE JOHN STREET

780 BEAMS OVER ENTRANCE

5 BOARD FAN TO BE RAISED TO 5500 ABOVE ROADWAY.

HAKI STAIRCASE TIED TO SCAFFOLD AT EVERY OTHER LIFT, POSITION TO BE AGREED ON SITE.

5 BOARD FAN AT BOARDED ELEVATIONS OVER PAVEMENT AREAS

PLAN VIEW

ARDS AND BOARD BEARING TRANSOMS OMITTED FOR CLARITY

GREAT JOHN STREET

MAIN CONTRACTOR NOTES

**MAXIMUM LIVE LOADS**  
THE CLIENT MUST ENSURE THAT ALLOWABLE LIVE LOADS STATED BELOW ARE SUFFICIENT AND NOT EXCEEDED.  
02.00kN/m<sup>2</sup> ON 1 No. PLATFORM  
01.00kN/m<sup>2</sup> ON 1 No. ADDITIONAL PLATFORM  
00.75kN/m<sup>2</sup> ON 2 No. INSIDE BOARDS  
10.00kN/m<sup>2</sup> ON LOADING BAY

**INTERFACE LOADS**  
INTERFACE LOADS TO BE REVIEWED AND APPROVED BY THE CLIENT BEFORE SCAFFOLD TO BE ERECTED, PERMISSION FOR THE SCAFFOLD TO BE ERECTED IS AN ACCEPTANCE THAT THESE LOADS CAN BE SUPPORTED BY EXISTING STRUCTURES.  
16.48kN MAXIMUM VERTICAL SINGLE POINT LOAD  
162.80KPa CALCULATED BEARING PRESSURE  
4.60kN CALCULATED HORIZONTAL TIE LOAD  
3.15kN CALCULATED VERTICAL TIE LOAD  
**ENVIRONMENTAL LOADS**  
ENVIRONMENTAL LOADS FROM CALCULATIONS AND IN ACCORDANCE WITH BS EN 1991-1-4 AND BS EN 1991-1-3.  
00.55kN/m<sup>2</sup> PEAK WIND VELOCITY PRESSURE  
00.37kN/m<sup>2</sup> SNOW LOAD (OCT-MARCH)  
ALL YEAR PERIOD OF ERECTION  
52 WEEKS MAXIMUM DURATION OF SCAFFOLD

**RESIDUAL RISKS - SITE SPECIFIC**  
RISKS / HAZARDS THAT REMAIN ARE IDENTIFIED ABOVE WITH A HAZARD SYMBOL AND REFERENCE. THESE RISKS ARE DETAILED WITHIN THE DESIGN RISK ASSESSMENT.  
J1 CAPABILITY OF THE GROUND/EXISTING STRUCTURES TO SUPPORT SCAFFOLD-M/C TO CONFIRM SCAFFOLD CAN BE ADEQUATELY SUPPORTED.  
U1 WORKING AT HEIGHT-SCAFFOLDERS MUST COMPLY WITH THE PROCEDURES STIPULATED IN CURRENT REVISION OF NASC SAFETY GUIDANCE SG4 AT ALL TIMES.  
X3 WORKING IN THE VICINITY OF THE PUBLIC: SIGNAGE AND BARRIERS TO BE INSTALLED AROUND THE WORKING AREA TO MAINTAIN EXCLUSION ZONES BY M/C.

HAKI STAIRCASE TIED TO SCAFFOLD AT EVERY OTHER LIFT, POSITION TO BE AGREED ON SITE.

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Scaffolding Design Services

FACADE INDEPENDENT  
GREAT JOHN STREET  
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