

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.

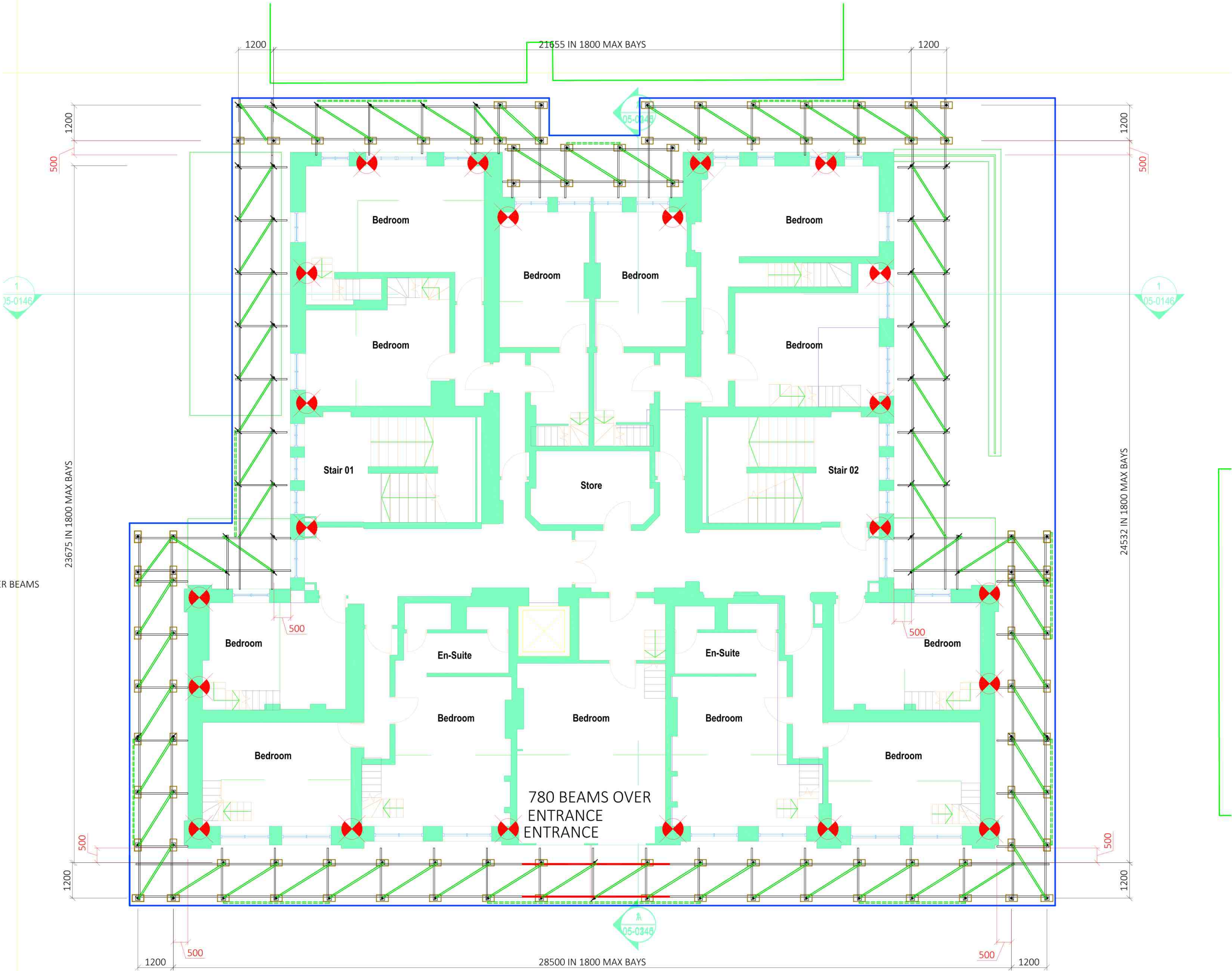
TIES
TIES TO BE FIXED IN POSITIONS INDICATED THUS. SEE TIE DETAIL FOR ARRANGEMENT / TYPE.

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.



PLAN VIEW - FIRST FLOOR LEVEL

BOARDS AND BOARD BEARING TRANSOMS OMITTED FOR CLARITY

MAIN CONTRACTOR NOTES

MAXIMUM LIVE LOADS

THE CLIENT MUST ENSURE THAT ALLOWABLE LIVE LOADS STATED BELOW ARE SUFFICIENT AND NOT EXCEEDED.

02.00kN/m² ON 1 No. PLATFORM

01.00kN/m² ON 1 No. ADDITIONAL PLATFORM

00.75kN/m² ON 2 No. INSIDE BOARDS

10.00kN/m² 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/m² PEAK WIND VELOCITY PRESSURE

00.37kN/m² 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.

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Scaffolding Design Services

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