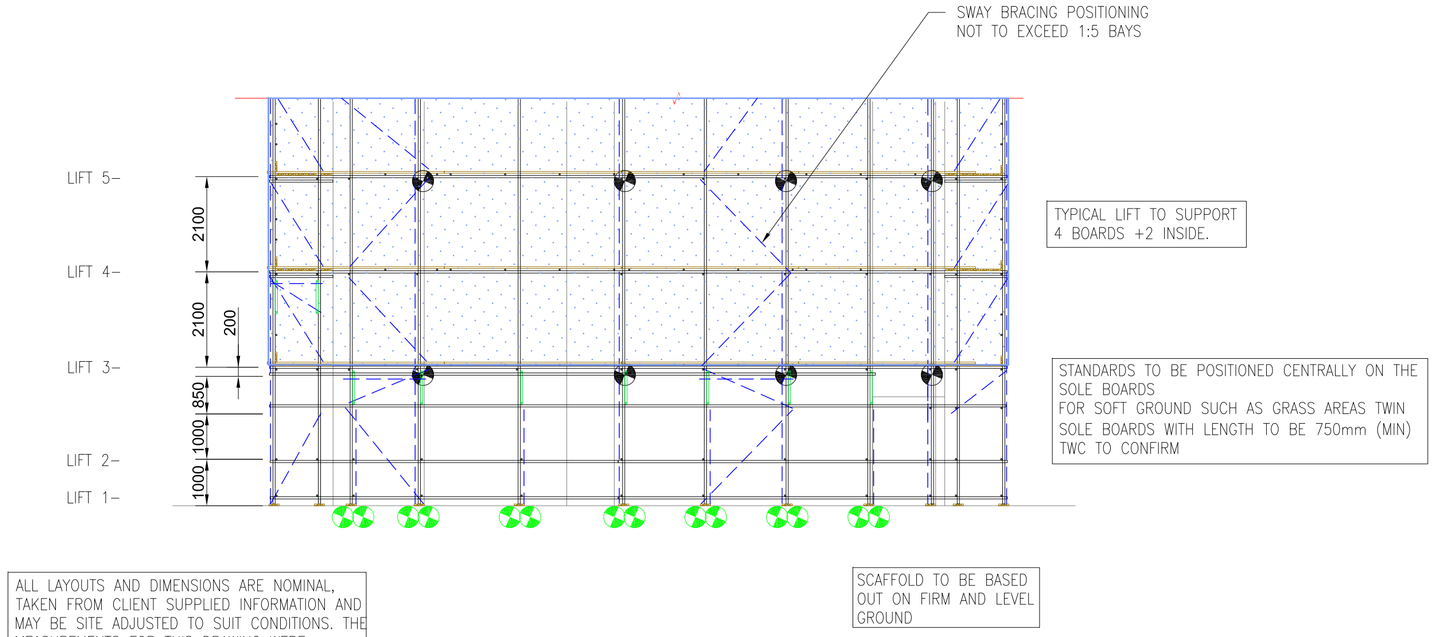
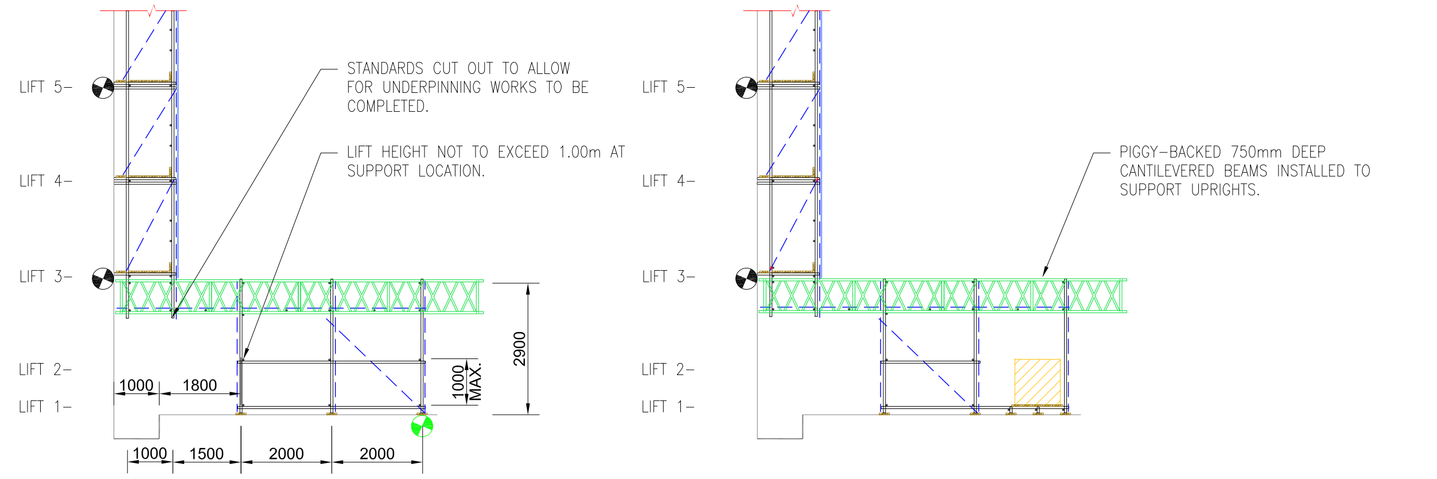
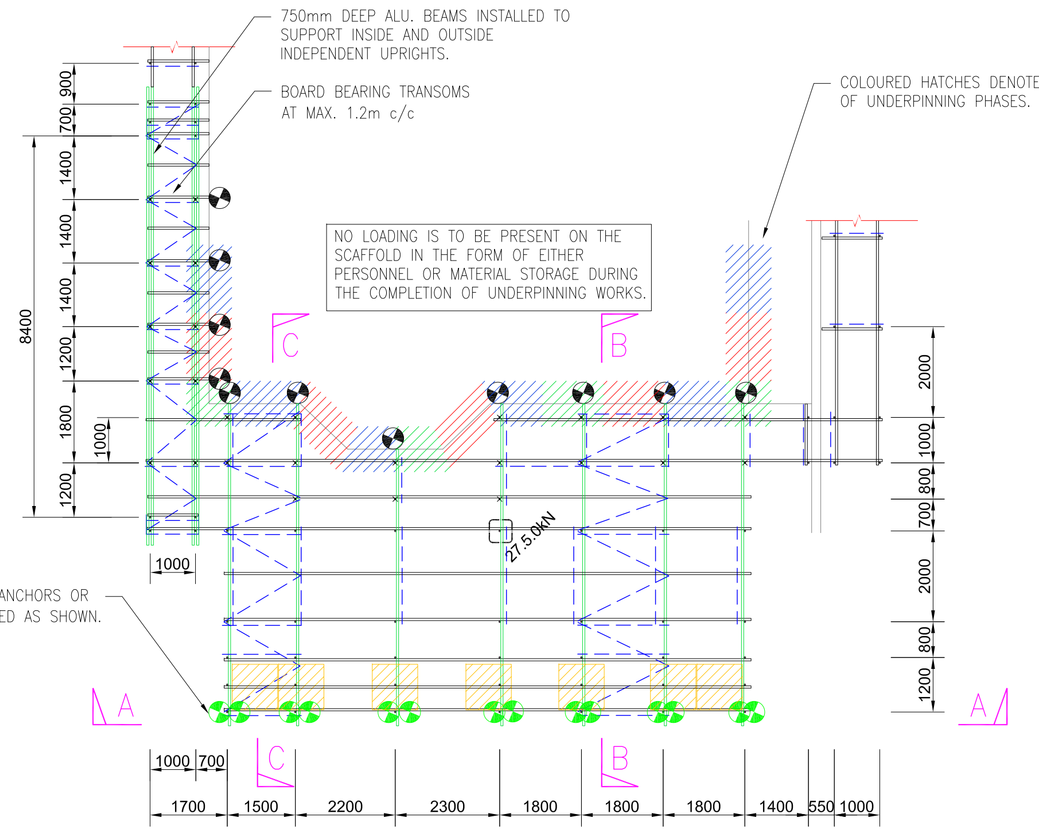


ELEVATION A-A
(SCALE 1:100)



SECTION B-B (OPTION 1)
(SCALE 1:100)

SECTION B-B (OPTION 2)
(SCALE 1:100)



PLAN
(SCALE 1:100)

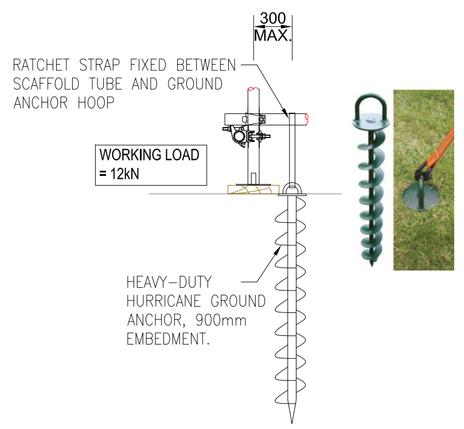
SUITABLE GUARD RAILS TO BE PROVIDE TO ALL EXPOSED EDGES

ONLY CLASS B LOAD BEARING COUPLERS TO BE USED

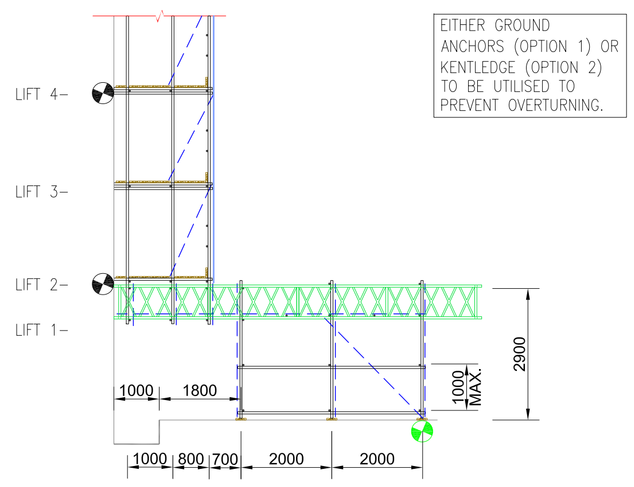
ALL ERECTION AND DISMANTLING OF SCAFFOLD TO BE IN ACCORDANCE WITH SG4 SUITABLE PPE TO BE WORN AT ALL TIMES.
ALL FALL PROTECTION MEASURES TO COMPLY WITH SG4:15, THIS TO INCLUDE SUITABLE HANDRAIL AND BOARD BEARING TRANSOMS FOR NON-WORKING LIFTS.

B

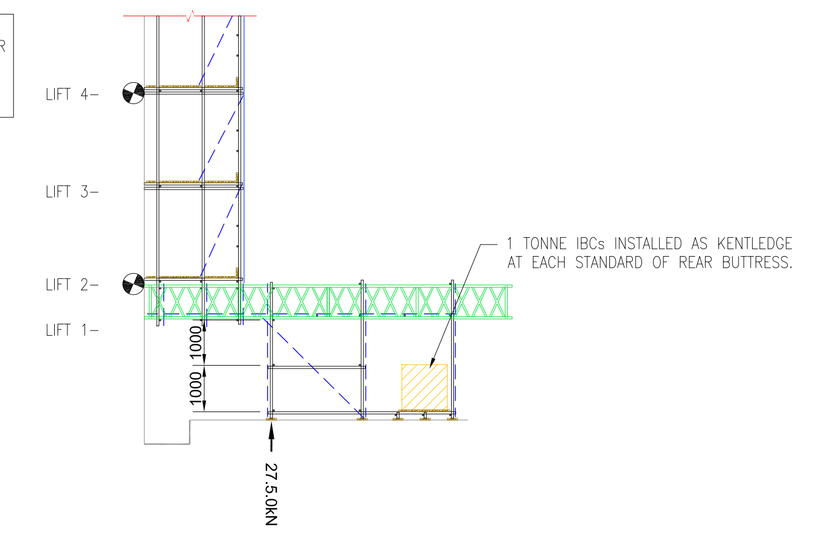
REVISION B:
- TEMPORARY ROOF AT THE TOP OF THE SCAFFOLD IS TO BE REMOVED, REDUCING THE LOAD ON THE SCAFFOLD BELOW.
- No. OF 750mm DEEP BEAMS REDUCED.
- No. OF GROUND ANCHORS REDUCED.
- REDUCTION OF KENTLEDGE REQUIRED.



DETAIL '3'
GROUND ANCHOR DETAIL
(SCALE 1:20)



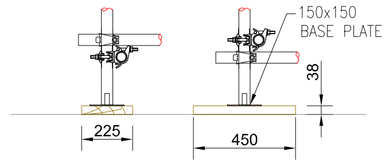
SECTION C-C (OPTION 1)
(SCALE 1:100)



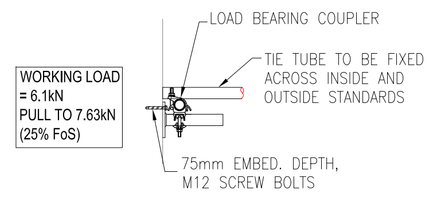
SECTION C-C (OPTION 2)
(SCALE 1:100)

FOUNDATIONS SHOWN INDICATIVELY, PRINCIPAL CONTRACTOR TO ENSURE GROUND IS CAPABLE OF WITHSTANDING THE LOADS IMPOSED BY SCAFFOLD STANDARDS.

SOLE BOARDS MAY CAUSE TRIPPING HAZARDS, PC TO PROVIDE SUITABLE PREVENTION MEASURES



DETAIL '1'
SOLE BOARD DETAIL
(SCALE 1:20)



DETAIL '2'
TIE DETAIL
(SCALE 1:20)

BEAM KEY
- LADDER BEAM
- 450DP ALLOY
- 750DP ALLOY
- UNIT BEAM

KEY
- TIE LOCATION
- BRACING
- PLASTIC SHEETING (SECT.)
- PLASTIC SHEETING (ELEV.)

THIS SCAFFOLD HAS BEEN GENERALLY DESIGNED IN ACCORDANCE WITH TG20 AND ERECTED IN ACCORDANCE WITH SG4

PRINCIPAL/MAIN CONTRACTOR- TWC
1. TO APPROVE LAYOUT AND LOADINGS ALLOWED BEFORE SCAFFOLD ERECTION
2. TO ENSURE THE BASE, GROUND, BUILDING FENESTRATIONS ARE CAPABLE OF ACCEPTING ALL EXTRA IMPOSED LOADS

Live Load: 1 No. lift at 2.0kN/m²
Inside Board Live Load : 0.75kN/m²
Peak Wind Pressure: 0.53kN/m²

0 10 Millimetres 150

SCAFFOLDING ASSOCIATION Associate Member

NASC DESIGN MEMBER National Access & Scaffolding Confederation

Notes

1. BASIS OF DESIGN
THIS DESIGN HAS BEEN PREPARED FROM INFORMATION SUPPLIED TO US BY, OR ON BEHALF OF THE CONTRACTOR WHO SHOULD CHECK THAT HIS REQUIREMENTS HAVE BEEN CORRECTLY INTERPRETED AND THAT ALL LOADINGS, DIMENSIONS, LIFT HEIGHTS, BAY SIZES, ERECTION/STRIKING SEQUENCES ETC. ARE AS REQUIRED AND PRACTICABLE.

2. IMPOSED LOADS
THE CONTRACTOR AND THEIR TEMPORARY WORKS COORDINATOR (TWC) IS TO ENSURE THAT THE EXISTING STRUCTURE, ITS FABRIC AND/OR THE GROUND WILL SAFELY SUPPORT THE EXTRA IMPOSED LOADS OR SUPPLY NEW.

3. LOADING ALLOWED
THE CONTRACTOR (TWC) MUST ENSURE THAT ALL LOADING(S) ALLOWED FOR IS SUFFICIENT. U.N.O, ALL LOADS ARE INDIVIDUAL AXIAL WORST CASE AND ARE UNFACTORED.

4. FOUNDATIONS
THE CONTRACTOR (TWC) MUST PREPARE ALL FOUNDATIONS PRIOR TO ERECTION. SOLE BOARDS TO TG20 TO BE USED AT EVERY STANDARD. STANDARDS TO BE POSITIONED CENTRALLY ON THE SOLE BOARDS
FOR SOFT GROUND SUCH AS GRASS AREAS SOLE BOARDS LENGTH TO BE 750mm (MIN) TWC TO CONFIRM.
ALL BACK PROPPING/SHORING REQUIREMENTS BY PRINCIPAL CONTRACTOR

5. SHORING WORKS
WE CANNOT AND WILL NOT PASS COMMENT ON THE STRUCTURE BEING SHORED, AS THIS INVOLVES MATTERS BEYOND OUR CONTROL AND KNOWLEDGE. IT IS THE CONTRACTORS (TWC) RESPONSIBILITY TO ENSURE THAT THE EXISTING STRUCTURE WILL SAFELY SPAN BETWEEN THE SUPPORTS, AND CAN BE SAFELY SHORED IN THE WAY INDICATED.

6. MATERIALS
ALL SCAFFOLDING MATERIALS FORMING THIS STRUCTURE ARE TO COMPLY, AND BE CONSTRUCTED IN ACCORDANCE WITH TG20.

7. DIMENSIONS
WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR MUST VERIFY ALL SITE DIMENSIONS AND NOTIFY GWC SCAFFOLDING CONSULTANCY OF ANY DISCREPANCIES PRIOR TO ERECTION.

8. MODIFICATION
NO ALTERATIONS ARE TO BE MADE TO THE STRUCTURE DETAILED ON THIS DRAWING WITHOUT PRIOR WRITTEN PERMISSION FROM GWC SCAFFOLDING CONSULTANCY.

9. PROPERTY
THIS DRAWING IS CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF GWC SCAFFOLDING CONSULTANCY. NO UNAUTHORISED USE, COPY OR DISCLOSURE IS TO BE MADE, AND IS TO BE RETURNED UPON REQUEST.

10. SECURITY
SECURITY AND UNAUTHORISED ACCESS TO THE SCAFFOLD IS THE SOLE RESPONSIBILITY OF THE PRINCIPAL CONTRACTOR.

11. BEAM NOTES
ALL BEAMS ARE TO BE TIED TOGETHER AT 1m INTERVALS ON TOP CHORD AND 2m ON THE BOTTOM CHORDS. PLAN BRACING IS REQUIRED TO ALL COMPRESSION CHORDS, FOR SIMPLY SUPPORTED AND CONTINUOUS SPANS, COMPRESSION IS TYPICALLY ON THE TOP CHORD, FOR CANTILEVERED BEAMS THE COMPRESSION CHORD IS TYPICALLY ON THE BOTTOM CHORD. REFER TO MANUFACTURES SPECIFICATIONS FOR FURTHER DETAILS.
BEAMS ARE TO CONNECTED TO STANDARDS ON TOP AND BOTTOM CHORDS USING CLASS B LOAD BEARING COUPLERS, TIE TUBES TO BE POSITIONED BENEATH EACH STANDARD CONNECTION TO ACT AS SUPPLEMENTARY SUPPORT. GWC SCAFFOLDING CONSULTANTS USE ALLOWABLE VALUES TAKEN FROM APOLLO LATTICE BEAMS DATA SHEETS, GWC ASSUMES THESE BEAMS ARE USED UNLESS NOTIFIED OTHERWISE.

CONSTRUCTION NOTES
UNLESS NOTED ALL LIFTS OTHER THAN BOARDED PLATFORM LEVELS ARE TO BE CONSTRUCTED USING LOAD BEARING COUPLERS.
ALL GENERAL CONSTRUCTION TO BE IN ACCORDANCE WITH TG20 UNLESS NOTED OTHERWISE.
FINAL ENCAPSULATION INCLUDING PLATFORM BOARDING OUT BY PRINCIPAL CONTRACTOR(TWC) AS REQUIRED.
SCAFFOLD TO BE STABLE AT ALL STAGES, TEMPORARY BRACING/RAKERS/TIES TO BE INSTALLED AS REQUIRED.
STRUCTURAL TRANSOM (ABERDEENS) TO BE FITTED TO ALL STANDARD NODE POINTS USING LOAD BEARING COUPLERS.

PERMITS, PERMISSIONS & LICENCES
THE PRINCIPAL CONTRACTOR (TWC) MUST OBTAIN AND ADHERE TO ALL PERMITS, PERMISSIONS AND LICENSES INCLUDING THOSE ISSUED BY ADJOINING PROPERTIES AND THE LOCAL COUNCIL. IF PHYSICAL ANCHORS ARE TO BE USED INTO THE FABRIC OF THE BUILDING, IT WILL BE THE PRINCIPAL CONTRACTORS RESPONSIBILITY TO OBTAIN OR GIVE PERMISSION FOR THE HOLES TO BE DRILLED, ALL MAKING GOOD TO BE CARRIED OUT BY THE PRINCIPAL CONTRACTOR(TWC). RECEIPT OF THE INSTRUCTIONS TO ERECT THE SCAFFOLDING WILL ASSUME SUCH PERMISSIONS HAVE BEEN GRANTED.

OBSTRUCTIONS
IT IS THE PRINCIPAL CONTRACTOR'S (TWC) RESPONSIBILITY TO REMOVE, PROTECT OR RELOCATE ALL OBSTRUCTIONS SUCH AS ADVERTISING BOARDS, LIGHTS, TELEVISION AERIALS, CELL PHONE AERIALS; CLOSED CIRCUIT TELEVISION CAMERA'S OR SATELLITE DISHES PRIOR TO SCAFFOLDING BEING ERECTED.

TIES
ALL TIES TO COMPLY AND BE TESTED IN ACCORDANCE WITH TG4:19.
'PROOF TEST' A MINIMUM OF 3 ANCHORS SHALL BE TESTED AND AT LEAST 5% (1 IN 20) TESTED TO A LOAD OF 1.25 TIMES THE WORKING LOAD REFER TO TG20 FOR FULL DETAILS.
IF IN DOUBT ASK
PLEASE REFER TO BS5975 FOR ALL TEMPORARY WORKS PROCEDURES.

Rev	Description	By	Auth	Date
B	TEMPORARY ROOF REMOVED	NM	GWC	15.03.23
A	PROPOSAL OF BEAM SOLUTION	NM	GWC	13.01.23

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For **Approval**

Drawing Description

PROPOSED ACCESS SCAFFOLD

53 WARMINSTER ROAD, BROMLEY

COLLINS CONTRACTORS

Original Scale	Drawn	Rev'd	
As Shown	NM	GWC	A1
	Date 12-01-23	Date 12-01-23	

Drawing Number
COL 2022 - 1016 - 01

Rev
B