1 RISK OF FALLING MATERIALS - CLADDING
Control Measure: Cladding materials for scaffolding are prone to blowing free due to limited capacity of fixings so install cladding on inside of uprights ensuring safer install and less risk of large sheets blowing free and causing hazards external to the site

1 RISK OF FALLING MATERIALS - SCAFFOLD TIE
Control Measure: The design service contractor to closely site manage, ensure clear signage is installed and where required temporary crash barriers (TCB) to be installed to prevent collision with the scaffold structure

1 RISK OF FALLING MATERIALS - SCAFFOLD TIE
Control Measure: Principal contractor to employ a structural engineer to ensure the applied loads from the scaffold do not overload the existing structure. Creator Ltd to be contacted where structure is deemed unsafe to support scaffold structure.

1 RISK OF FALLING MATERIALS - SCAFFOLD TIE
Control Measure: Principal contractor to employ a structural engineer to ensure the applied loads from the scaffold do not overload the existing strata. Creator Ltd to be contacted where strata is deemed unsafe to support scaffold structure.

1 RISK OF FALLING MATERIALS - SCAFFOLD TIE
Control Measure: The scaffold contractor must ensure that the maximum bay size installed are as indicated and should not be exceeded. It is the responsibility of the scaffold contractor to remedy any defects.

1 RISK OF FALLING MATERIALS - SCAFFOLD TIE
Control Measure: Principal contractor to ensure that the scaffold contractor has installed ties at the correct heights to be installed as detailed by the scaffold contractor and have a maximum tolerance of ±100mm

1 RISK OF FALLING MATERIALS - SCAFFOLD TIE
Control Measure: Principal contractor to ensure that the scaffold contractor has installed ties at the correct heights to be installed as detailed by the scaffold contractor and have a maximum lift tolerance of ±100mm

1 RISK OF FALLING MATERIALS - SCAFFOLD TIE
Control Measure: Principal contractor to ensure that the scaffold contractor has installed ties at the correct heights to be installed as detailed by the scaffold contractor and have a maximum

RISK - CLADDING SYSTEM

Control Measure: Cladding materials for scaffolding are prone to blowing free due to limited capacity of fixings so install cladding on inside of uprights ensuring safer install and less risk of large sheets blowing free and causing hazards external to the site

RISK - OVERLOADING OF SCAFFOLD STRUCTURE

Control Measure: The design service loads indicated should be closely site managed to ensure that only 2 number of working levels are present at one time. The load conditions of the scaffold should be clearly identified on the scaffteg.

RISK - EXISTING STRUCTURE

Control Measure: Principal Contractor to employ a structural engineer to ensure the applied loads from the scaffold do not overload the existing structure. Creator Ltd to be contacted where structure is deemed unsafe to support scaffold structure.

RISK - EXCESSIVE LIFT HEIGHTS

Control Measure: Maximum lift heights to be installed as detailed by the scaffold contractor and have a maximum tolerance of ±100mm

RISK - COLLISION

Control Measure: Principle contractor to closely site manage, ensure clear signage is installed and where required temporary crash barriers (TCB) to be installed to prevent collision with the scaffold structure

RISK - STRUCTURAL INSTABILITY

Control Measure: The scaffold contractor must ensure that the maximum bay size installed are as indicated and should not be exceeded. It is the responsibility of the scaffold contractor to remedy any defects.

Monarflex sheeting
Toe board
Prefabricated transoms
Scaffold tube guardrails
Ledger bracing
Plan bracing
Beam diagonal bracing
Scaffold tube uprights at centres indicated
Scaffold tied in at locations indicated using tie detail as method of fixing
Scaffold board decking
Facade bracing
See foundation detail

2000 2000 2000 2000 2000 2000 2000 1181 657 = 15838

6100mm x 450mm Deep Alloy Lattice Beams
2000mm x 750mm Deep X-Beam
4000mm x 750mm Deep X-Beam
4100mm x 450mm Deep Alloy Lattice Beams
Gallows bracket support

TYPICAL GALLOWS BRACKET DETAIL scale 1:25

SPLICE DETAIL scale 1:25

One number Class A swivel coupler either side of sleeve joint
EN 74 Sleeve Coupler joining two number 48.3 x 4.0mm CHS scaffold tubes
Any connection about the last tie must be spliced as per detail
One number band and plate coupler either side of sleeve joint abutting one another

Apollo hook tie in conjunction with scaffold screw and nylon insert
Tie tubes fixed to ledgers or uprights using Class A double couplers
152 x 152 x 4.76mm (EN 74) baseplate with scaffold upright centered about the plate
48.3 x 4.0mm CHS (BS 1139) scaffold tube as upright

HOOP TIE DETAIL scale 1:50

FOUNDATION DETAIL 225 x 38 x 450mm (BS EN 2482) Scaffold Board Soleplate Scale 1:25

1269 1733 2000 2000 2000 2000 1500 500 = 15002

MINTO FURNITURE

MINIMUM BEAM DEFLECTION scale 1:50

DOCUMENT REFERENCES

This design is to be read in conjunction with the following design drawings and/or documents;

APPENDIX A - CRE-8657-003_CALCS

APPENDIX B - CRE-8657-003-1,2,3,4,5,6,7,8,GENERAL NOTES_DRG

LEGEND

- Structural Steel
- Scaffold Beams
- Timber Products / Scaffold Boards
- Building Line
- Facade Brace (Plan, Section)
- Kentledge Hatch
- Ledger Brace (Plan, Elevation)
- Plan Brace (Plan, Section, Elevation)
- Scaffold Centre Line (Plan)
- 48.3mm Diameter Scaffold Tube
- Cladding Material (Sheeting / Netting)
- Splice Detail
- Supplementary Coupler / Check Fitting
- Tie Location (Plan, Section, Elevation)
- Puncheon
- Upright Cut Off
- Residual Risk
- Ledger Brace (Elevation, Section)
- Facade Brace (Elevation, Section)

* Some of the above 'key' items may not be present in design but are indicated on all designs for conformity.

AMENDMENTS / REVISIONS

REV.	BY.	DATE.	CHECK.	DATE.	APP'D.	DATE.
-	DJB	03/04/18	MDB	03/04/18	RWB	03/04/18

Proposed Part

ibn

Drawing Status:

FOR COMMENT

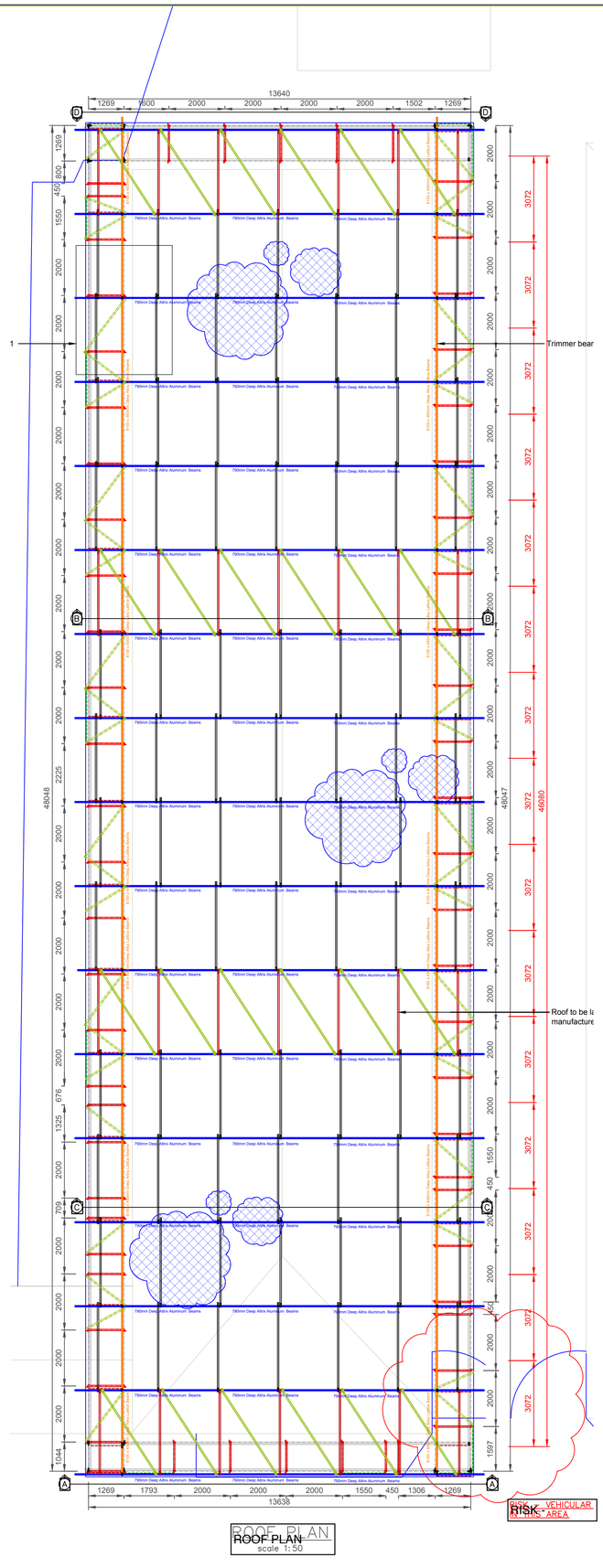
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Project Title/Description:

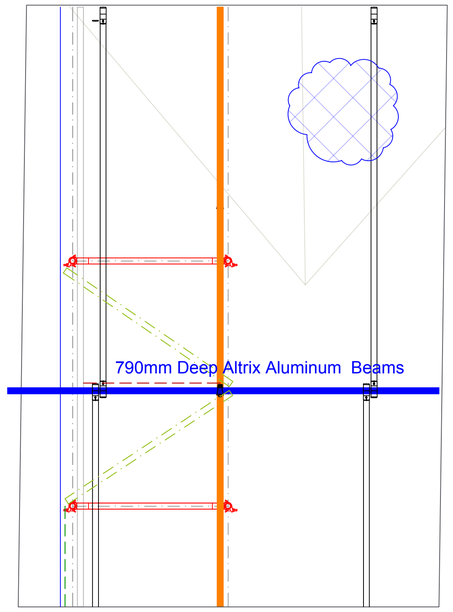
TEMPORARY ROOF
KAMPUS
CHORLTON STREET
MANCHESTER, M1

Principal Contractor: SEE QUOTE

CREATOR SCAFFOLD DESIGNS & TEMPORARY WORKS CONSULTANTS LTD
Creator House, Fullerton Park, Fullerton, Sunderland, Tyne & Wear, SR5 1DH
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Company Address



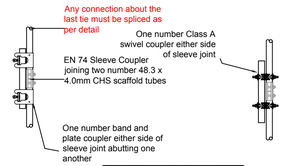
ROOF PLAN
ROOF PLAN
scale 1:50



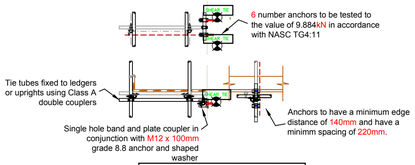
ENLARGED DETAIL 1
ENLARGED DETAIL 1 scale 1:25
scale 1:25

BAND AND PLATE TIES:
6 number anchors to be tested to the value of 9.884kN in accordance with NASC TG4:11

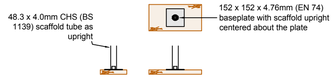
HOOK TIES:
5 number anchors to be tested to the value of 5.693kN in accordance with NASC TG4:11



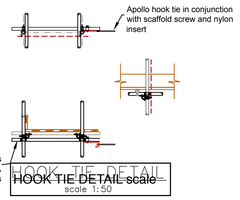
SPLICE DETAIL
SPLICE DETAIL scale
scale 1:25



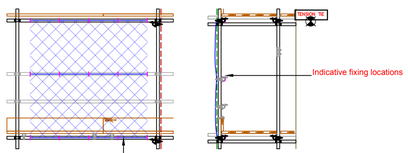
BAND AND PLATE TIE DETAIL
BAND AND PLATE TIE DETAIL scale 1:50
scale 1:50



FOUNDATION DETAIL
FOUNDATION DETAIL 225 x 38 x 450mm (BS EN 2482)
Scale - 1:25



HOOK TIE DETAIL
HOOK TIE DETAIL scale
scale 1:50



TYPICAL CLADDING DETAIL
TYPICAL CLADDING DETAIL scale 1:50
scale 1:50

RISK - ACCURACIES IN BUILDING LINE CAUSING OVERLAPPING
RISK - ACCURACIES IN BUILDING LINE CAUSING OVERLAPPING
Control Measure: Prior to erection the scaffold contractor and/or principal contractor should check the existing structure to ensure the scaffold can be based out and erected as detailed and inform Creator Ltd of any discrepancies.

RISK - EXCESSIVE BAY SIZES INSTALLED DURING ERECTION
RISK - EXCESSIVE BAY SIZES
Control Measure: The scaffold contractor must ensure that the maximum bay size installed are as indicated and should not be exceeded. It is the responsibility of the scaffold contractor to remedy any defects.

RISK - OVERLOADING OF SCAFFOLD STRUCTURE
RISK - OVERLOADING
Control Measure: The loads as indicated loads indicated should be closely site managed to ensure that only x number of working levels are present at one time. The load conditions of the scaffold should be clearly identified on the scafftag.

RISK - OVERLOADING OF EXISTING STRUCTURE
RISK - OVERLOADING
Control Measure: Principal contractor to employ a structural engineer to ensure the applied loads from the scaffold do not overload the existing structure. Creator Ltd to be contacted where structure is deemed unsafe to support scaffold structure.

RISK - EXCESSIVE LIFT HEIGHTS
RISK - EXCESSIVE LIFTING
Control Measure: Maximum lift heights to be installed as detailed by the scaffold contractor and have a maximum tolerance of ±100mm

RISK - VEHICULAR COLLISION
RISK - VEHICULAR
Control Measure: Principle contractor to closely site manage, ensure clear signage is installed and where required temporary crash barriers (TCB) to be installed to prevent collision with the scaffold structure

RISK - OVERLOADING OF EXISTING STRATA
RISK - OVERLOADING OF
Control Measure: Principal contractor to employ a structural engineer to ensure the applied loads from the scaffold do not overload the existing strata. Creator Ltd to be contacted where strata is deemed unsafe to support scaffold structure.

RISK - CLADDING BLOWING FREE
RISK - CLADDING
Control Measure: Cladding materials for scaffolding are prone to blowing free due to limited capacity of fixings so install cladding on inside of uprights ensuring safer install and less risk of large sheets blowing free and causing hazards external to the site

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- Ledger Brace (Elevation, Section)
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AMENDMENTS / REVISIONS

REV.	BY.	DATE.	CHECK.	DATE.	APP'D.	DATE.
-	DJB	03/04/18	MDB	03/04/18	RWB	03/04/18

Prepared For:

ibn

Drawing Status:

FOR COMMENT

Project Number:	Page Number:	Scale:
CRE-8657-003A	8	1 : 50,25 @ A1

Project Title/Description:

TEMPORARY ROOF
KAMPUS
CHORLTON STREET
MANCHESTER, M1

Principal Contractor:

SEE QUOTE

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