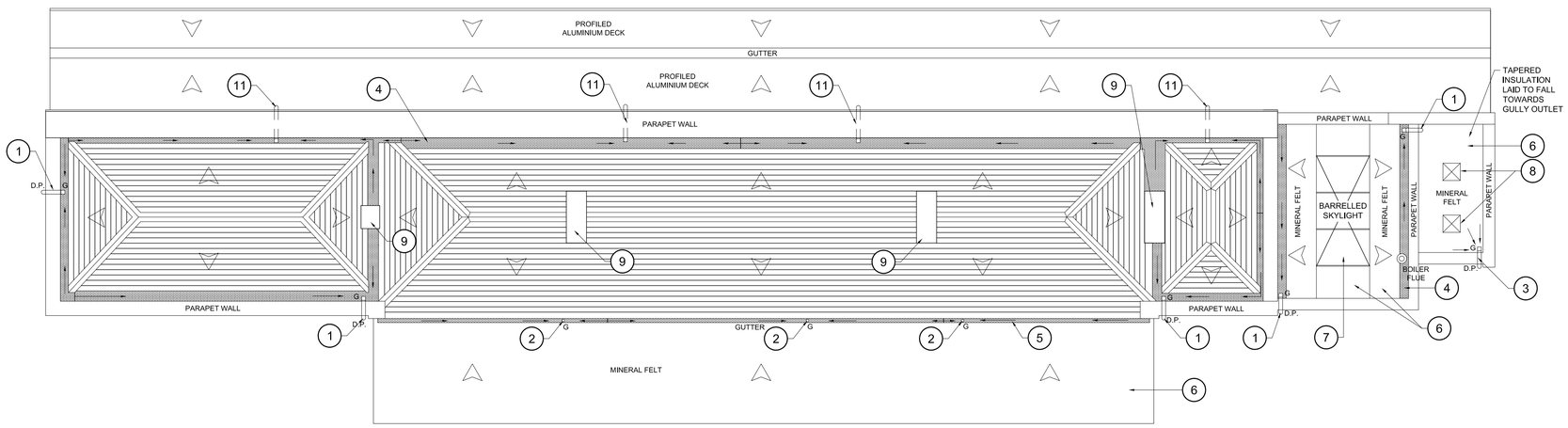
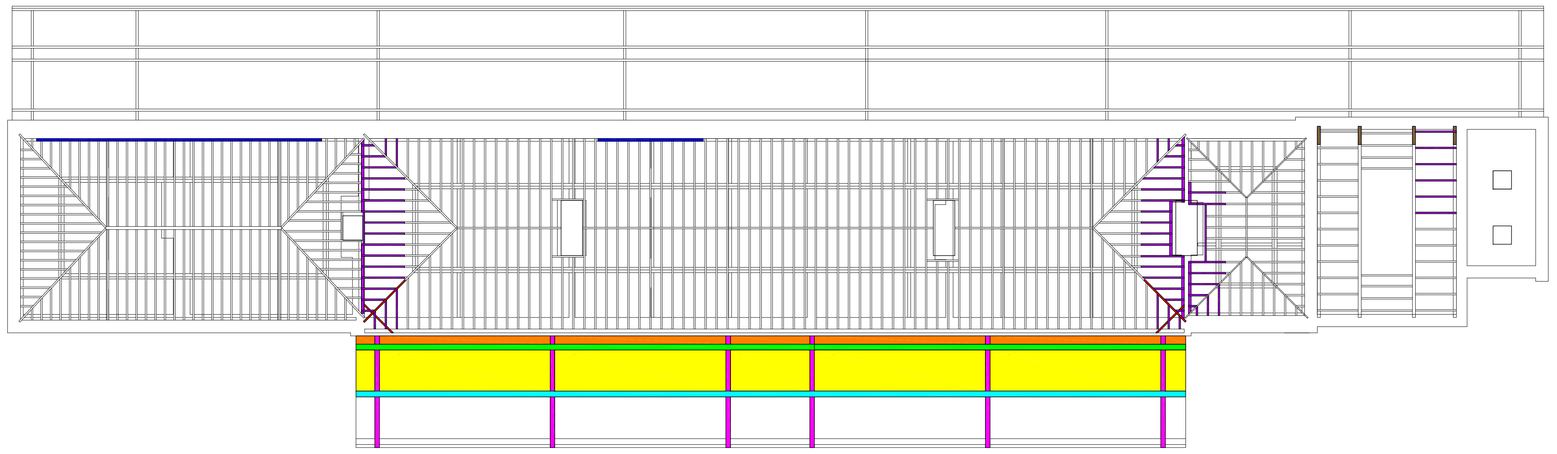


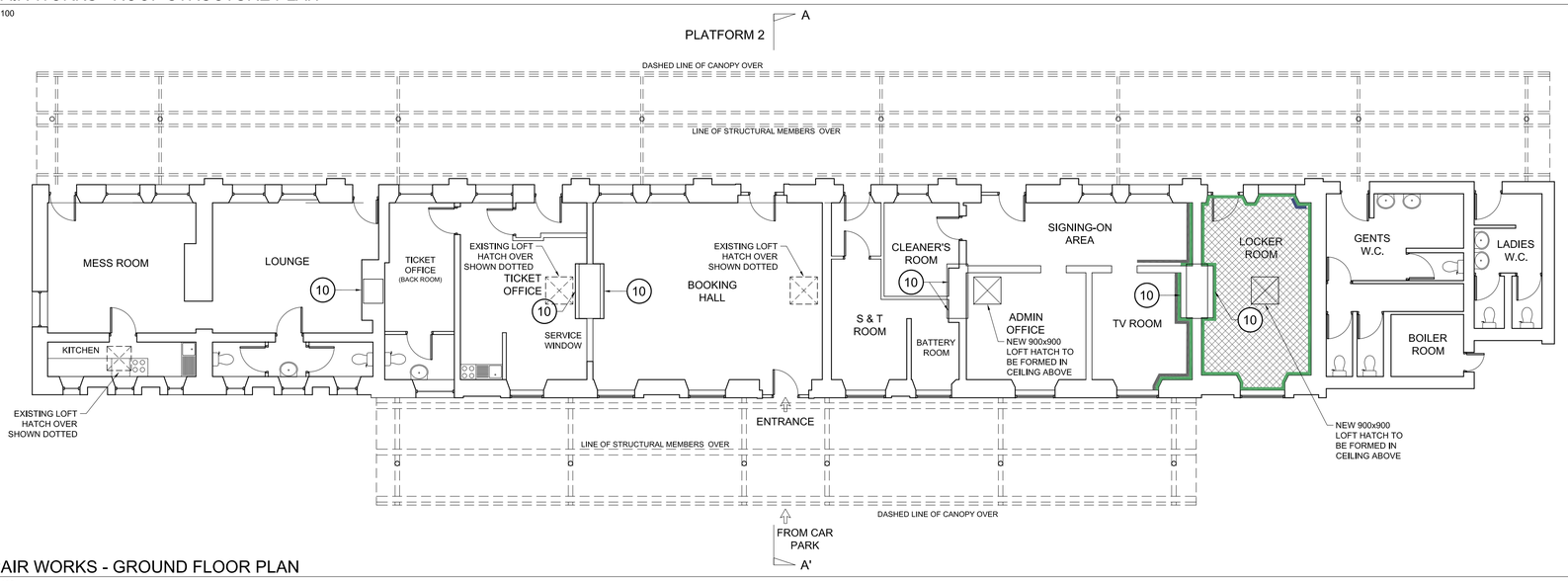
REPAIR WORKS - ROOF PLAN

Scale: 1:100



REPAIR WORKS - ROOF STRUCTURE PLAN

Scale: 1:100



REPAIR WORKS - GROUND FLOOR PLAN

Scale: 1:100

DENOTES DIRECTION OF FALL OF GUTTERS AT A MINIMUM OF 1:80

DENOTES DIRECTION OF FALL OF ROOF SLOPES

NOTES:

1. POLYROOF 185 MEMBRANE GUTTER LINING DRESSED INTO NEW ALUMASC 2 WAY OUTLET THROUGH PARAPET WALL TO DISCHARGE INTO NEW CAST IRON HOPPER CONNECTED TO EXISTING CAST IRON DOWN PIPE, SEE DETAIL 6 ON DRAWING BDG0069/DRG/A006.
2. POLYROOF 185 MEMBRANE GUTTER LINING DRESSED INTO NEW ALUMASC AV RAINWATER OUTLET TO DISCHARGE INTO EXISTING CAST IRON DOWN PIPE, SEE DETAIL 11 ON DRAWING BDG0069/DRG/A007..
3. BAUDER FLEX SYSTEM MINERAL FELT ROOF COVERING DRESSED INTO NEW ALUMASC 2 WAY OUTLET THROUGH PARAPET WALL TO DISCHARGE INTO NEW CAST IRON HOPPER AND DOWN PIPE, SEE DETAIL 3 ON DRAWING BDG0069/DRG/A006.
4. POLYROOF 185LIQUID APPLIED ROOFING SYSTEM TO FORM NEW PARAPET GUTTERS SEE DRAWINGS BDG0069/DRG/A006 & BDG0069/DRG/A007 FOR DETAILS
5. POLYROOF 185LIQUID APPLIED ROOFING SYSTEM TO FORM NEW CANOPY BOX GUTTER SEE DETAIL 10 ON DRAWING BDG0069/DRG/A007
6. ERISCO BAUDER, BAUDER FLEX MINERAL FELT ROOFING SYSTEM (SLATE GRAY) WITH A MINIMUM 25 YEAR GUARANTEE SEE DRAWING BDG0069/DRG/A006 FOR TYPICAL ROOF BUILD UP AND DETAILS
7. XTRALITE CONTINUOUS THERMOFORMED BARREL VAULT SKYFLIGHT SEE DETAIL 7 ON DRAWING BDG0069/DRG/A006.
8. XTRALITE ROOFLIGHT - X TWO PYRIMID DIFFUSED POLYCARBONATE GLAZING SEE DETAIL 4 ON DRAWING BDG0069/DRG/A006
9. CHIMNEYS TO BE TAKEN DOWN BELOW ROOF LEVEL AND REBUILT TO ORIGINAL HEIGHT USING FIRST CLASS RECLAIMED SANDSTONE CUT TO SIZE TO MATCH EXISTING WITH CORBEL DETAIL & CHIMNEY POTS AS SHOWN ON DRAWINGS BDG0069/DRG/A009 & BDG0069/DRG/A010
10. FORM NEW 225x200 OPENING IN CHIMNEY BREAST WALL AT APPROXIMATELY 600mm ABOVE GROUND FLOOR LEVEL AND INSTALL NEW 275x250 AIR VENT TO VENTILATE CHIMNEY STACK.
11. POLYROOF 185 MEMBRANE GUTTER LINING DRESSED INTO NEW ALUMASC 2 WAY OUTLET THROUGH PARAPET WALL TO DISCHARGE INTO NEW CAST IRON HOPPER AND DOWN PIPE, WHICH DISCHARGES ONTO PLATFORM CANOPY ROOF SEE DETAIL 6 ON DRAWING BDG0069/DRG/A006.

REPAIR LEGEND

- EXISTING TIMBER BEAMS SHOWING EXCESSIVE DEFLECTION TO BE REMOVED AND REPLACED WITH NEW STEEL 203x133X25kg UB, THE 203x133x25kg UB IS TO BE CLAD IN TREATED TIMBER TO REPLICATE THE EXISTING TIMBER PURLINS.
- EXISTING CANTILEVER BEAMS TO BE REPLACED WITH NEW STEEL SQUARE HOLLOW SECTIONS 160x160x10 SHS.
- EXISTING ROTTEN TIMBER BEAMS TO BE REMOVED AND REPLACED WITH NEW STEEL 203x133x25kg UB. THE 203x133x25kg UB IS TO BE CLAD IN TREATED TIMBER TO REPLICATE THE EXISTING TIMBER PURLINS.
- ALL EXISTING TIMBER GUTTER MEMBERS, SOFFIT BOARDS & LININGS TO BE REMOVED AND REINSTATED WITH A POLYROOF 185 MEMBRANE LINED GUTTER AS PER DETAIL 10 ON DRAWING BDG0069/DRG/A007
- SOFFIT BOARDS & PLYWOOD DECKING TO BE REMOVED PAST ANY AREAS OF DECAY AND REPLACED TO MATCH EXISTING.
- TIMBER LINTELS ABOVE WINDOW ARCHES TO BE REPLACED WITH NEW TREATED TIMBER LINTEL TO MATCH EXISTING.
- TIMBER RAFTERS AND WALL PLATES TO HIP ENDS TO BE SPLICED OR REPLACED WITH NEW TREATED TIMBER TO MATCH EXISTING SECTION (INCLUDING REPLACEMENT MS WALL PLATE STRAPS AS REQUIRED)
- TIMBER HIP RAFTERS AND DRAGON TIES TO BE SPLICED OR REPLACED WITH NEW TREATED TIMBER TO MATCH EXISTING SECTION
- TIMBER PURLINS TO PLATFORM END TO BE SPLICED WITH NEW TREATED TIMBER TO MATCH EXISTING SECTION FOR TYPICAL SPLICE DETAIL SEE DETAIL 18 ON DRAWING BDG0069/DRG/A008
- LOCKER ROOM FLOOR TO BE REPLACED WITH NEW SOLID CONCRETE INSULATED FLOOR SLAB SEE DETAIL 13 ON DRAWING BDG0069/DRG/A008 EXISTING SUSPENDED CEILING & LATH AND PLASTER CEILING ABOVE ARE TO BE REMOVED. THE LATH & PLASTER CEILING IS TO BE REPLACED WITH PLASTERBOARD & SKIM
- REMOVE EXISTING PLASTER FINISH TO FULL HEIGHT OF ROOM AND REPLACE WITH NEW RENOVATION PLASTER TO ERADICATE HYPHAE MYCELIUM SEE SECTION C52 OF THE NBS SPEC BDG0069/CIV/SPEC/A01
- SUPPLY & FIX NEW PERIOD MOULDING ARCHITRAVE & PLINTH TO MATCH EXISTING
- REMOVE AND DISPOSE OF EXISITING TIMBER SKIRTINGS AND REPLACE WITH NEW TO MATCH AS INDICATED AND TO ENTIRE PERIMETER OF LOCKER ROOM

Legend/Notes

THIS DRAWING IS TO BE READ WITH AND FORMS PART OF THE PROJECT DOCUMENTS LISTED BELOW

DOCUMENTS:

BDG0069/CIV/NCC	NON-COMPLEX DESIGN PACKAGE
BDG0069/DRG/A001	EXISTING SITE & LOCATION PLANS
BDG0069/DRG/A002	EXISTING & PROPOSED ELEVATIONS
BDG0069/DRG/A003	GENERAL ARRANGEMENT PLANS
BDG0069/DRG/A004	REPAIR WORKS PLANS
BDG0069/DRG/A005	EXISTING & PROPOSED TYPICAL SECTIONS
BDG0069/DRG/A006	TYPICAL DETAILS SHEET 1 OF 3
BDG0069/DRG/A007	TYPICAL DETAILS SHEET 2 OF 3
BDG0069/DRG/A008	TYPICAL DETAILS SHEET 3 OF 3
BDG0069/DRG/A009	PROPOSED TRIPLE CHIMNEY STACK REPLACEMENT
BDG0069/DRG/A010	PROPOSED SINGLE CHIMNEY STACK REPLACEMENT
BDG0069/DRG/E001	ELECTRICAL LAYOUT / DETAILS
BDG0061/CIV/SPEC/A01	NBS SPECIFICATION

MODEL CLAUSES:

NR/L3/CIV/140/10	GENERAL
NR/L3/CIV/140/40	DEMOLITION AND SITE CLEARANCE
NR/L3/CIV/140/80	STRUCTURAL CONCRETE
RT/CE/C/008/150	BRICKWORK, BLOCKWORK & MASONRY
RT/CE/C/008/153	BRICKWORK & MASONRY REPAIRS
NR/L3/CIV/140/160	GENERAL REQUIREMENTS FOR STRUCTURAL TIMBER
NR/L3/CIV/140/161	DESIGN REQUIREMENTS FOR STRUCTURAL TIMBER
NR/L3/CIV/140/162	WORKMANSHIP FOR STRUCTURAL TIMBER
NR/L3/CIV/140/163	MAINTENANCE AND REPAIR OF STRUCTURAL TIMBER
NR/L3/CIV/140/164	TIMBER PRESERVATION AND FIRE PROTECTION
NR/L3/CIV/140/170	GENERAL REQUIREMENTS FOR PROTECTIVE TREATMENTS
NR/L3/CIV/140/171	MAINTENANCE COATING WORKS
NR/L3/CIV/140/173	PROTECTIVE COATING OF EXISTING STRUCTURAL STEELWORK AND IRONWORK
NR/L3/CIV/140/174	PROTECTIVE COATING OF TIMBER SURFACES
NR/L3/CIV/140/175	PROTECTIVE COATING OF CONCRETE & MASONRY SURFACES
NR/L3/CIV/140/176	PROTECTIVE COATING SYSTEMS

GENERAL NOTES:

1. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CURRENT AND APPLICABLE RAILWAY GROUP AND NETWORK RAIL LINE STANDARDS.
2. ALL DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. USE ONLY DIMENSIONS STATED ON THE DRAWINGS DO NOT TAKE SCALED DIMENSIONS.
4. ALL LEAD FLASHING, SOAKERS, STEPPED FLASHING, COVER FLASHING, APRON FLASHING, CHIMNEY FLASHING, PITCHED VALLEYS ETC. TO BE CARRIED OUT IN ACCORDANCE WITH THE LEAD SHEET ASSOCIATION DETAILING.

0 2 4 6 8 10m

SCALE 1:100

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
A01	16/07/2010	ISSUED FOR NON-COMPLEX WORK	DPC	JW	JW

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

THE HAZARDS AND RISKS ASSOCIATED WITH THE WORKS SHOWN ON THIS DRAWING AND DESCRIBED IN THE SCHEDULE OF WORKS ARE CONSIDERED TO BE WITHIN THE REASONABLE, NORMAL AND ACCEPTABLE LIMITS FOR GENERAL BUILDING AND MAINTENANCE WORKS. PLEASE REFER TO DESIGNER RISK ASSESSMENT

DOCUMENT REF: BDG0069/DRA/A01

Status: FOR ISSUE NON COMPLEX WORKS

Network Rail
INVESTMENT PROJECTS
BUILDINGS & CIVILS
SQUARE ONE
4 TRAVIS STREET
MANCHESTER
M1 2NY

Designers
Investment Projects
Buildings & Civils
Building Design Group
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Fax: 0161 880 3981

Project BDG0069

BUXTON STATION
DPC/DRY ROT REPAIRS, STATION ROOF & CANOPY ROOF REPAIRS

Drawing Title

REPAIR WORKS PLANS

Designer	A.WADIE	Signed	Date JULY 2010
Drawn	D.CARVER	Signed	Date 14/07/2010
Checked	J.WILDGOOSE	Signed	Date 15/07/2010
Approved	J.WINSTANLEY	Signed	Date 16/07/2010

Scale(s) at A1 1:100 — Sheet Size A1 594 x 841 — ELR & Mileage BEJ 19 MILES 9 CHAINS

Drawing Number: BDG0069/DRG/A004

Revision: A01