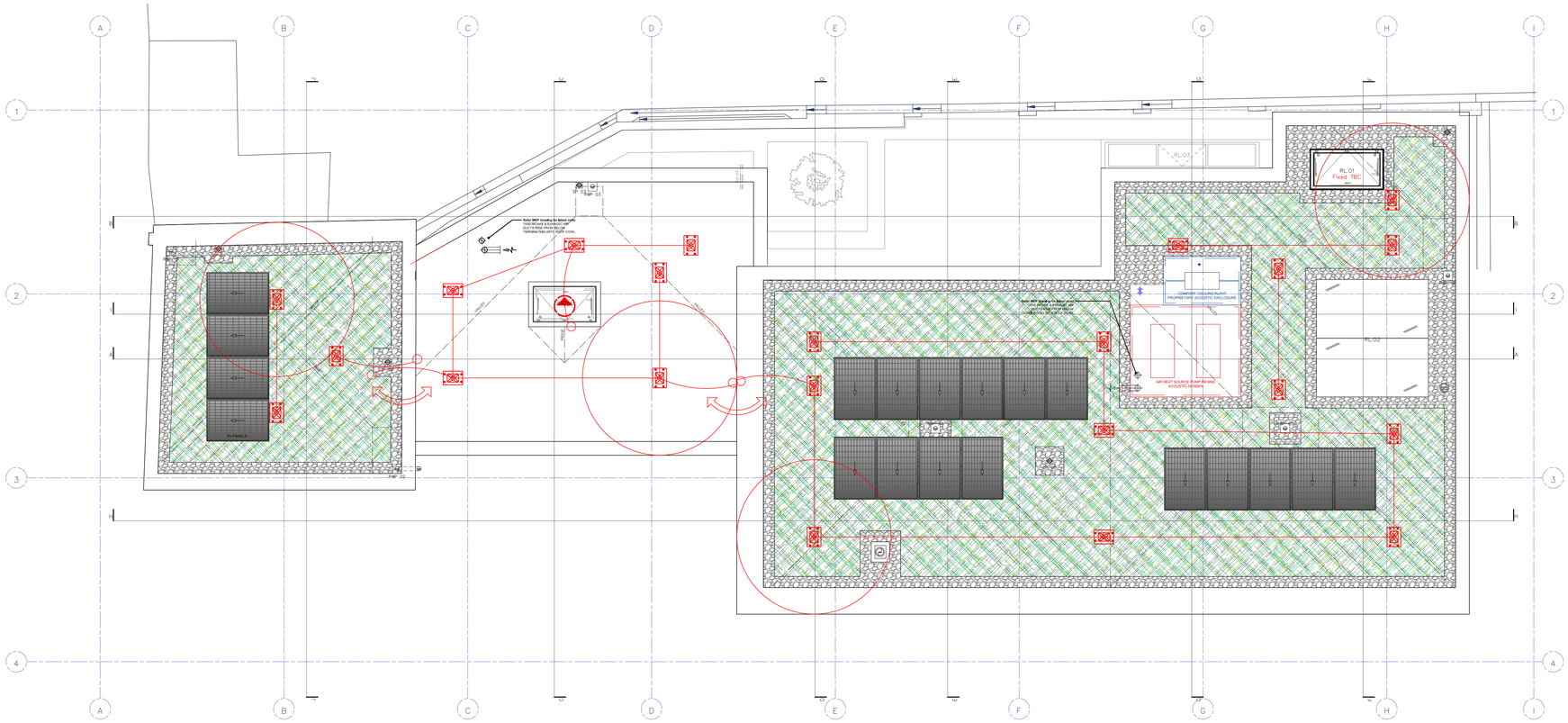
REV:	DATE:	DRN BY:	COMMENTS:
A	09/02/2024	N.E.C	Design updated with new roof layout supplied by the architects.
B	15/10/2024	N.E.C	Design updated with new roof layout supplied by the architects.



COMPONENT DATA:

Baseplate Part Number: 65695-00

START ANCHOR
Part : A
QTY: 4

INTERMEDIATE
Part : B
QTY: 3

90° CORNER
Part : C
QTY: 5

VARIABLE CORNER
Part : D
QTY: 0

END ANCHOR
Part : E
QTY: 4

7X7 (8mm) CABLE
L/M: 60m

BASEPLATE ORIENTATION

CONCRETE FIXING DETAIL

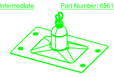
FIXING NOTES:

Recommend spacing for base plates of 10m maximum (32'). The Latchways Type 1 Constant Force® post must be installed on roof pitches between 0 & 15°. MSA recommends the Constant Force post system be installed 2m (6'6") from any hazard or roof edge, however it may be permissible to install no less than 1m (3'4") from any roof edge but only when indicated by MSA.

CONSTANT FORCE POST DATA:

Type 2 CFp Start/Corners/End Part Number: 67616-00 Qty: 4
To Be Confirmed

Type INT Intermediate Part Number: 65616-00INT Qty: 2
(TBC)



TOP COMPONENT DATA:

START ANCHOR
Part : A
QTY: 1

INTERMEDIATE
Part : B
QTY: 0

90° CORNER
Part : C
QTY: 2

VARIABLE CORNER
Part : D
QTY: 2

END ANCHOR
Part : E
QTY: 1

7X7 (8mm) CABLE
L/M: 20m

WEATHERING CAPS

TYPE 2: 67663-00 QTY: 0
TYPE INT: 65663-00INT QTY: 0

BASEPLATE ORIENTATION

CONCRETE FIXING DETAIL

FIXING NOTES:

Recommend spacing for base plates of 12.5 m maximum (41'). The Latchways Type Constant Force® post and Type INT post must be Installed on roof pitches between 0 & 15°. MSA recommends the Constant Force post system be installed 2m (6'6") from any hazard or roof edge, however it may be permissible to install no less than 1m (3'4") from any roof edge but only when indicated by MSA.

SPECIFICATION DATA:

Note: This drawing was created in conjunction with BLDA Architects, DWG No.: G402 Roof Plan

System Information
MSA Latchways Constant Force post (CFp) restraint system to be Installed onto Concrete deck roof with both Bauder membrane and Bauder Green Roof Membrane. System designed for Inspection and Maintenance proposes ONLY. **All** operatives must connect to the system before accessing the roof area via on plan access points. **All** operatives must stay connected to the system at **all** times when accessing the roof area.

SYSTEM CAPACITY: **Max. 400kg (880lbs) at any one time.**
LANYARD TYPE: **1.80m Twin energy absorbing lanyard**

DENOTES SYSTEM ACCESS POINT

PREFERRED METHOD:
The preferred method to access a safety system is via a roof hatch, set internally away from identified fall hazards / adjacent to the start of the cable system.

ALTERNATIVE METHOD:
The alternative method of access can be by means of powered access (e.g. cherry picker), where the access platform can be set down adjacent to the system, allowing the user direct attachment prior to exiting the platform.

OPTION:
Where no other method is available, the use of wire rope strop allows the user to connect directly to the system before entering the roof level. For single storey buildings, where ground clearance is limited, the use of a wire strop reduces the risk of injury in an event of a fall, however, due to limited ground clearance, it is recommended that access is achieved using the preferred or alternative method as the wire strop external method does not eliminate the risk of a fall.

MSA LATCHWAYS PERSONAL RESCUE DEVICE® (PRD)®

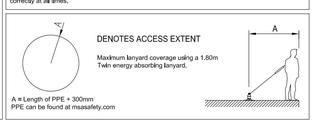
Device provides a method of self rescue via a controlled descent on structures of up to 20 metres/60 feet.

RESCUE PLAN
There is a legal obligation to have a full and comprehensive rescue plan in place when individuals are working at height.

UK Work At Height Regulation 4 States:
(1) Every employer shall ensure that work at height is ... properly planned
(2) Planning of work includes planning for emergencies and rescue

US OSHA 1956.502(d)(20) fall protection systems criteria and practices states:
"The employer shall provide for prompt rescue of employees in the event of a fall or shall assure that employees are able to rescue themselves."

Note: Systems that are intended for restraint applications, including such cases where ground clearance is limited, e.g. a single storey building, area below where permanent or temporary obstacles may be present, and/or where structural limitations are present, e.g. a lightweight structure unable to support fall arrest loads, for the safety of the user (s) it is incumbent on the user(s) to ensure that the specified restraint equipment is used correctly and where necessary adjusted correctly at all times.



DENOTES ACCESS EXTENT

Maximum lanyard coverage using a 1.80m Twin energy absorbing lanyard.

A = Length of PPE + 300mm
PPE can be found at msasafety.com

0m 5m 10m
Scale Bar

MSA, Hopton Park, Devizes, Wiltshire, SN10 2JP. Tel: +44 (0)1380 732700

PROJECT NAME: 4 Oak Hill Park. BLDA Architects	
DATE: 31/01/2024	SCALE: 1:75 @ A1
DRAWN BY: NEC	CHECKED BY: SP
PROJECT REFERENCE NO. 8386-01	REVISION: B

SNOW GUARDS: IT IS THE RESPONSIBILITY OF OTHERS TO DETERMINE THE REQUIREMENTS FOR SNOW GUARDS ON THE ABOVE ROOFS.
INSTALLER NOTICE: IT IS THE INSTALLERS RESPONSIBILITY TO ENSURE ALL THE DETAILS/ROOF TYPE/STRUCTURE ETC.. ARE CORRECT AND COMPLY WITH REQUIREMENTS OF THEIR CUSTOMER PRIOR TO ORDERING COMPONENTS.