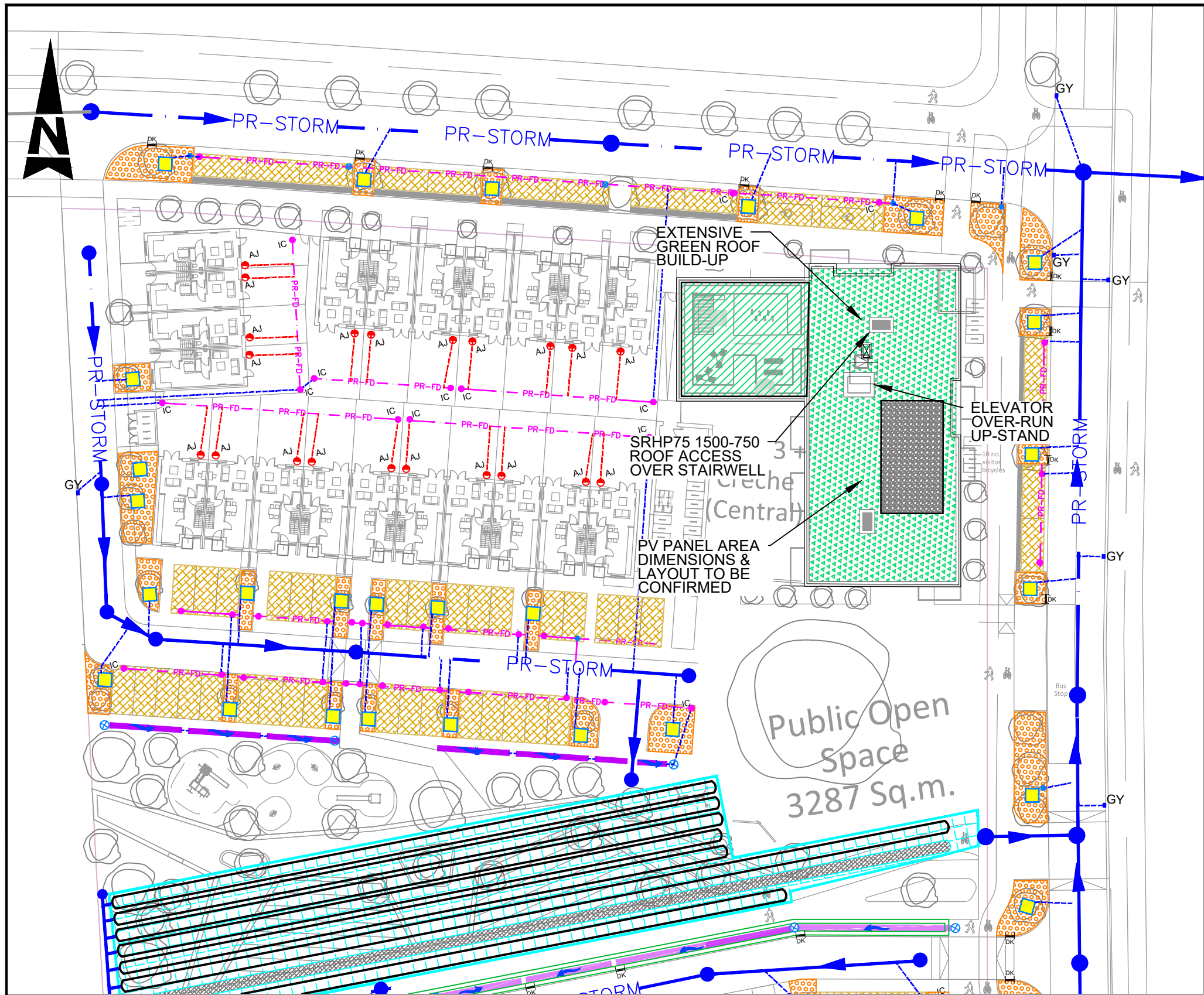


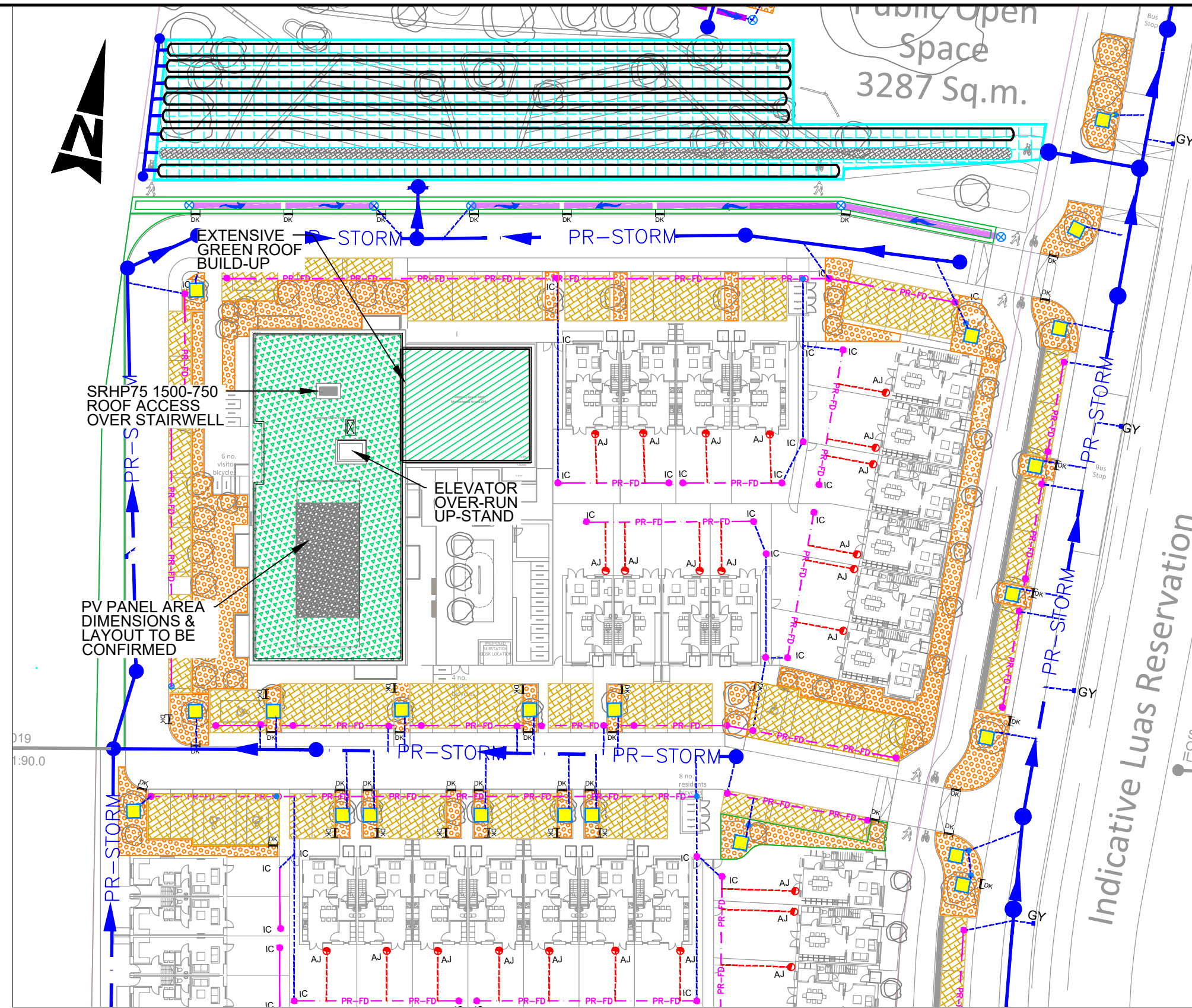
100
0 10
A1

DO NOT SCALE



GREEN ROOF AREAS BLOCK 01

Scale at A1 1:500 at A1
Scale at A3 1:1000 at A3



GREEN ROOF AREAS BLOCK 02

Scale at A1 1:500 at A1
Scale at A3 1:1000 at A3

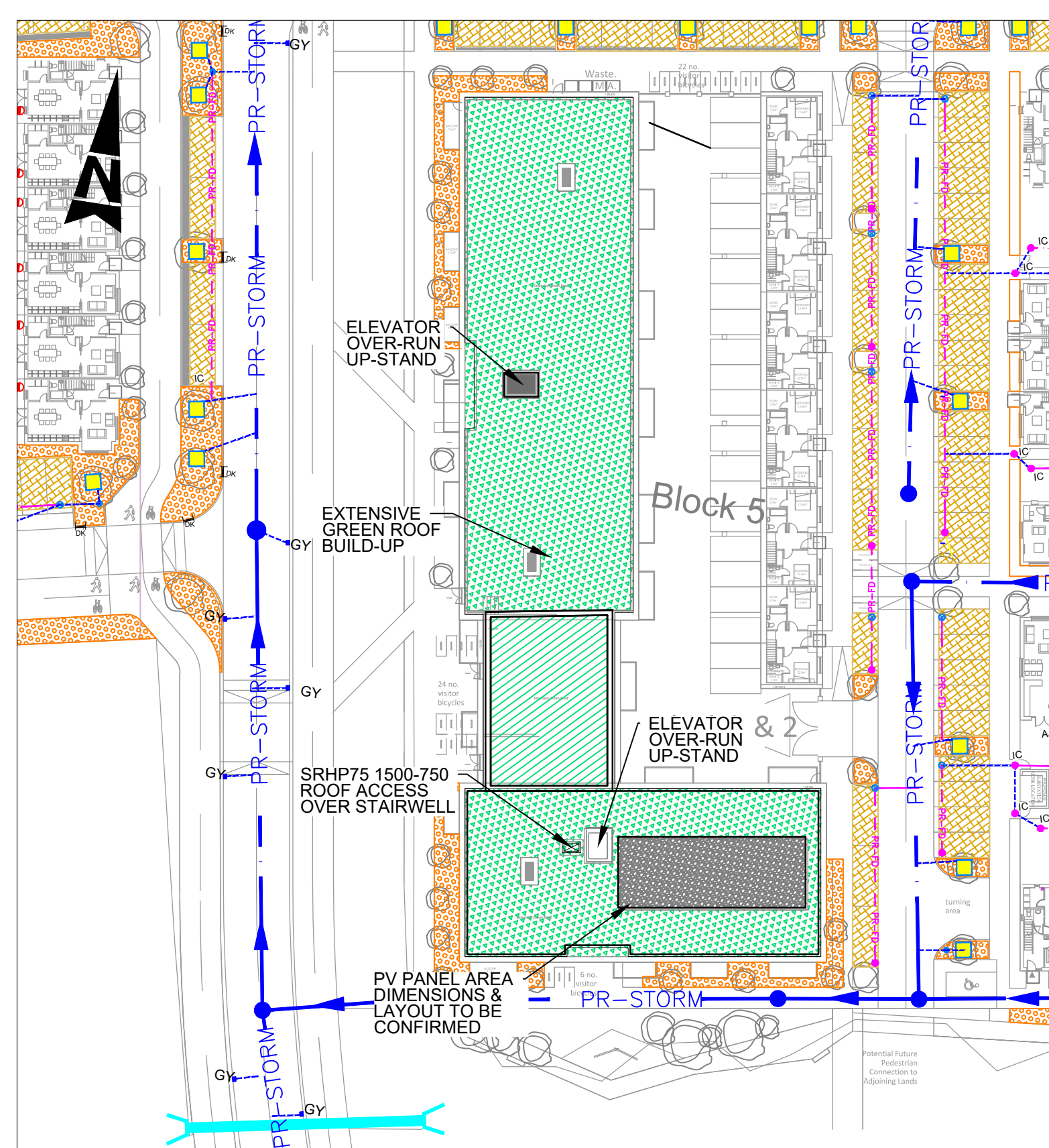
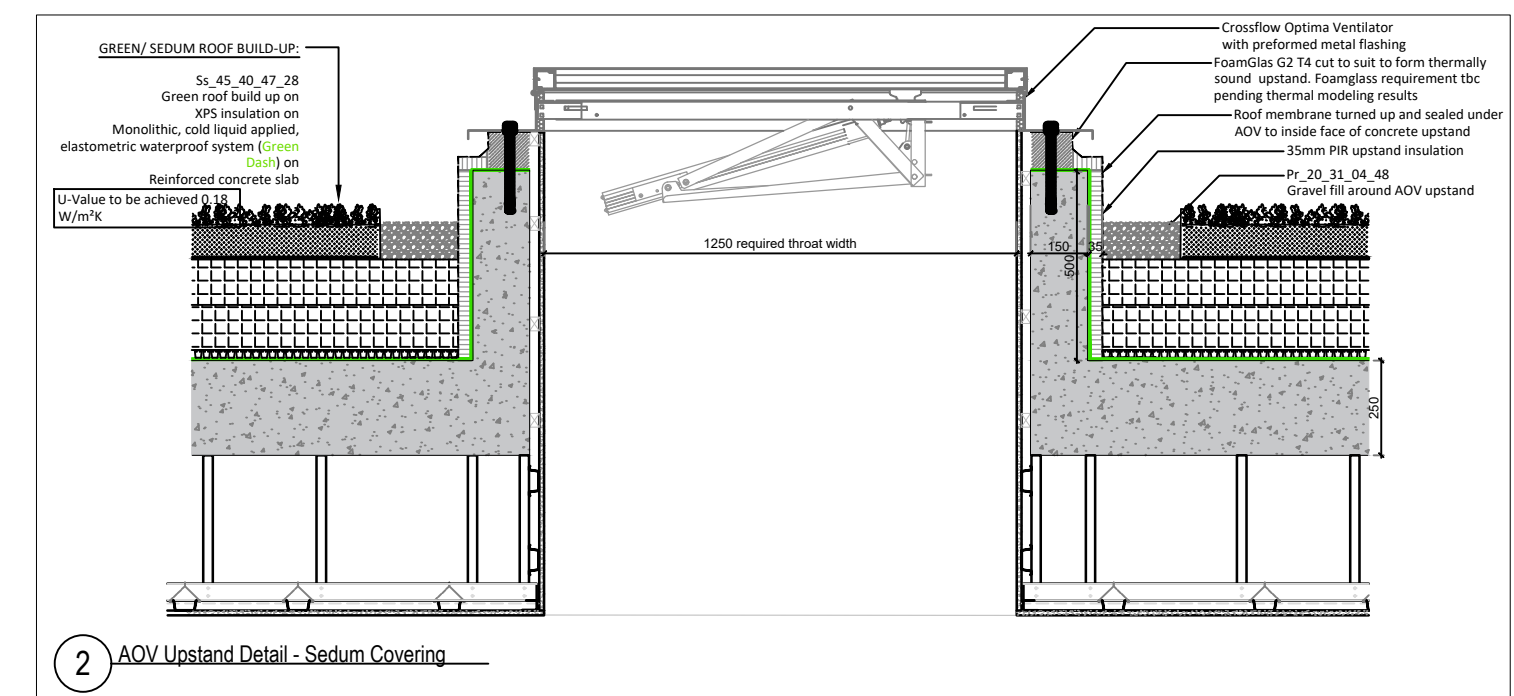
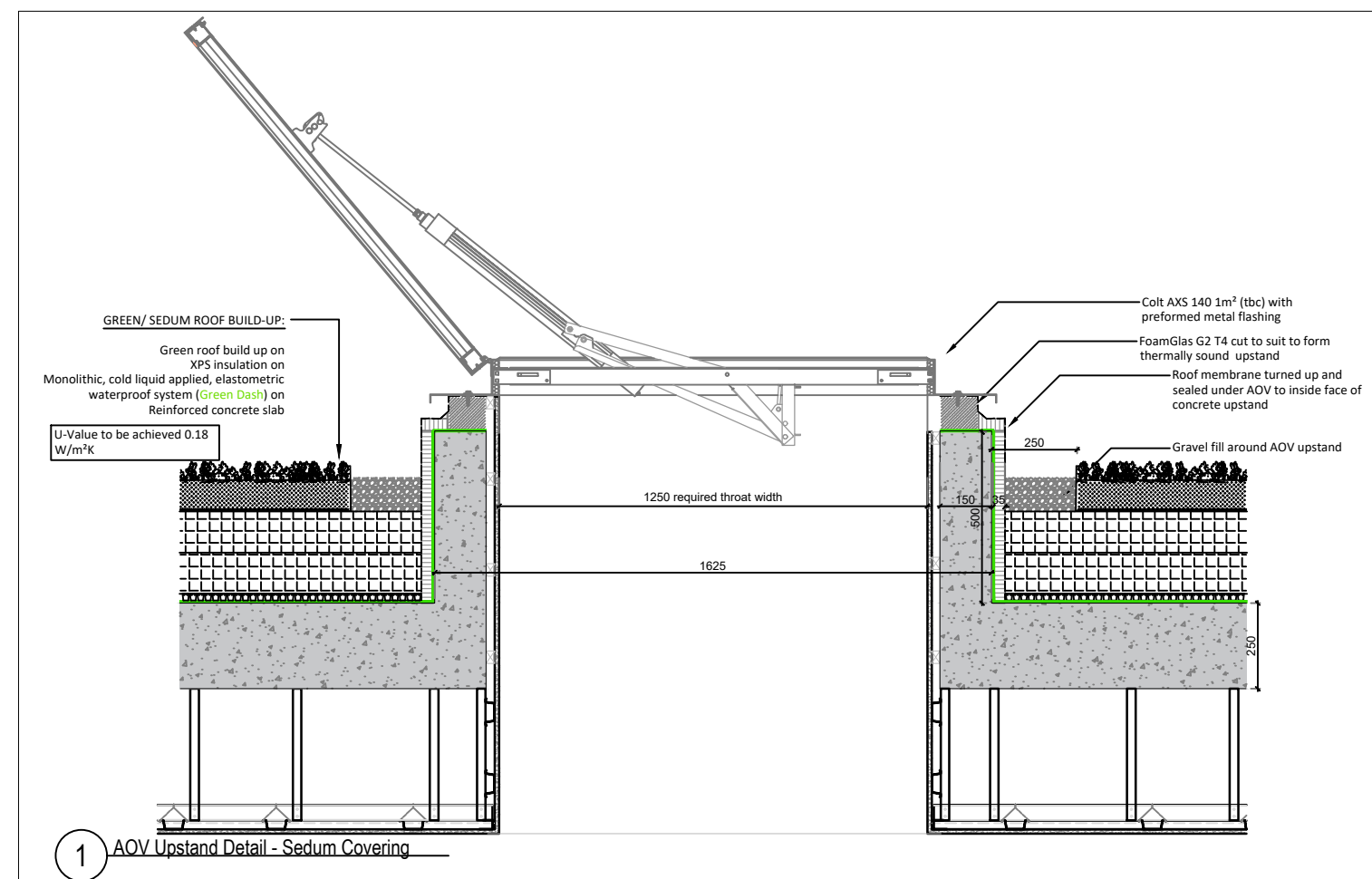
LEGEND
BLOCK 1
TOTAL ROOF AREA = 750 M ²
MINIMUM SEDUM ROOF AREA REQUIRED (60%) = 450 M ²
TOTAL SEDUM ROOF AREA PROVIDED = 578 M ² (77%)
BLOCK 2
TOTAL ROOF AREA = 752 M ²
MINIMUM SEDUM ROOF AREA REQUIRED (60%) = 451 M ²
TOTAL SEDUM ROOF AREA PROVIDED = 463 M ² (63%)
BLOCK 3
TOTAL ROOF AREA = 1636 M ²
MINIMUM SEDUM ROOF AREA REQUIRED (60%) = 982 M ²
TOTAL SEDUM ROOF AREA PROVIDED = 1216 M ² (88%)

- GENERAL NOTES
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
 2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
 3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
 4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
 5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

EXTENSIVE GREEN ROOF BUILD UP
PRE CULTIVATED SEDUM BLANKET
EXTENSIVE ROOF GARDEN SOIL MIX 150mm
VLF150 FILTRATION FLEECE 1.5mm THICK
DEC25 DRAINAGE & RESERVOIR LAYER 25mm THICK
ULU300 PROTECTIVE/RESERVOIR FLEECE 2.5mm
4mm UNOSINT ROOT RESISTANT CAP SHEET
4mm TOP/S BASE SHEET
100mm PARATORCH INSULATION BOARD
2mm VAPOBAR VAPOUR CONTROL LAYER

IMPORTANT NOTE:
THE COMBINED THICKNESS OF ALL THE ELEMENTS USED IN GREEN ROOF BUILD UP FROM TOP DECKING IS 315mm,

SEDUM PLANTS WILL TYPICALLY REACH HEIGHTS OF 100-150mm



GREEN ROOF AREAS BLOCK 03

Scale at A1 1:500 at A1
Scale at A3 1:1000 at A3



PV PANEL ON GREEN ROOF

Scale at A1 NTS
Scale at A3 NTS

COURTYARD BUILD UP (INTENSIVE)
INTENSIVE VEGETATION
DIADEM SIM INTENSIVE SUBSTRATE
DIADEM VLF200 FILTER GEOTEXTILE
DIADEM DIADRAIN-60H DRAINAGE BOARD FILLED
DIADEM VLF-110 SEPERATION GEOTEXTILE CLOSED CELL THERMAL INSULATION
DIADEM VLU-500 PROTECTION GEOTEXTILE ROOT RESISTANT WATERPROOFING MEMBRANE ADDITIONAL LAYERS

IMPORTANT NOTE:
THE COMBINED THICKNESS OF ALL THE ELEMENTS USED IN COURTYARD ROOF BUILD UP IS > 500mm,

PLANTING TO LANDSCAPE ARCHITECTS DETAILS

NOTE:

PROPOSED GREEN ROOF AND GREEN COURTYARD DESIGNED IN ACCORDANCE WITH SECTION 7.2 GREEN ROOF POLICY 2022 DLRC COUNTY DEVELOPMENT PLAN 2022-2028

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Risk Level - Atkins Base Line - Low Risk
Atkins Sensitive - Medium Risk
Atkins Private - High Risk
Client Critical - Already Marked

LEGEND
PROPOSED STORM DRAINAGE
PROPOSED STORM WATER MANHOLE
PROPOSED UNDERGROUND ATTENUATION SYSTEM
EXTENSIVE GREEN ROOF
INTENSIVE GREEN COURTYARD
PROPOSED PERMEABLE PAVING
BIO RETENTION RAIN GARDEN
GRAVEL AREA FOR PV PANELS

AtkinsRéal

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Purpose	FOR PLANNING
Title	PROPOSED GREEN INTENSIVE COURTYARD AND EXTENSIVE ROOF LAYOUTS PLANS & DETAILS
Original Scale	1:500 at A1 1:1000 at A3
Drawn	PM
Checked	IPR
Reviewed	IPR
Authorised	GH
Status	S4
Project	OLD CONNAUGHT PHASE A1 LRD
Rev	P02