

Rathdrinagh
Cross Roads

To Derry

COMPOST TUNNEL
LEACHATE TANKS

N2 Dublin - Derry Road

3 NO SURFACE WATER
STORAGE TANKS

To Dublin

TRUCKWASH TANKS
1 & 2

BICYCLE TANKS
1 & 2

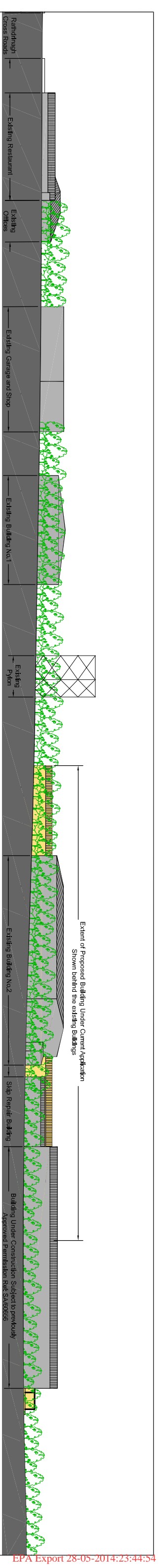
ROAD SWEEPER & BUILDING 1
FLOOR DRAIN TANK

ABOVE GROUND WATER STORAGE
TANK FROM UNDER GRD WELLS

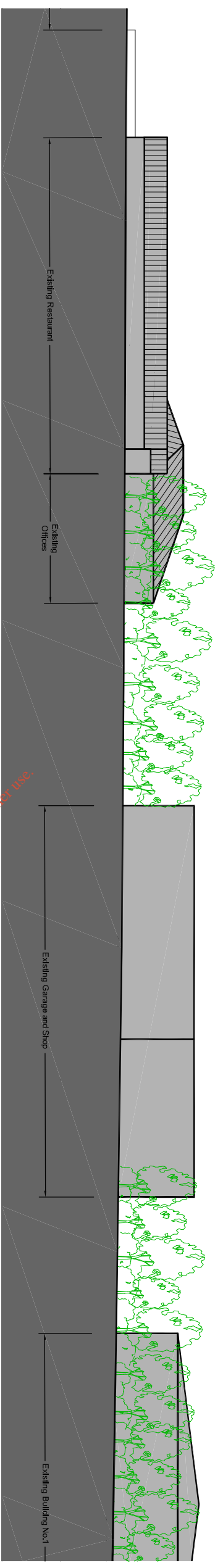
Proposed
Site

BUILDING 2 FLOOR
DRAIN TANK

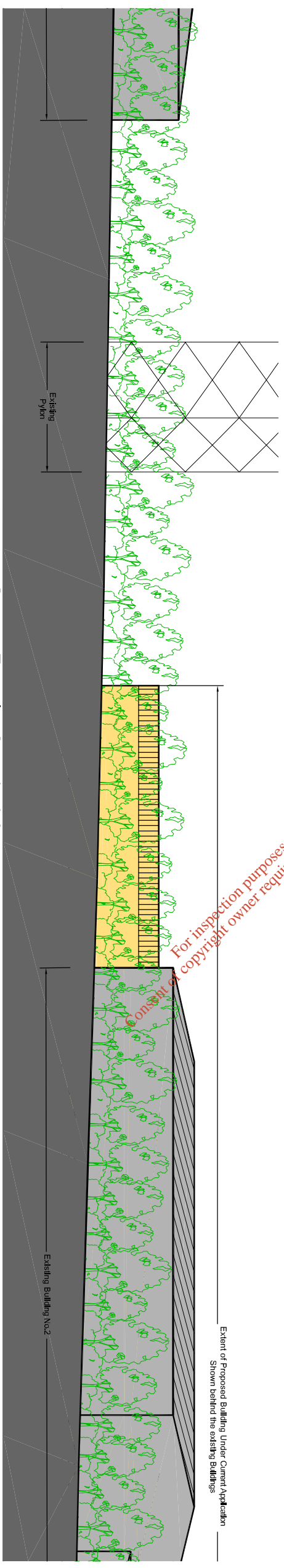
101	Phase IV Design - Civil Retaining Structure, Newan Co. Meath	1:500 @ A0
102	Nuandale Ltd. (PANDA Waste)	1:500 @ A3
103	Phase IV Reycling Facility Underground and Overground Storage Tanks	NTS @ A3
104	Prepared by D O'DONNELL	Checked by
105	MAR 2011	Drawn by
106	70-05-100 SITEPLAN	Scale



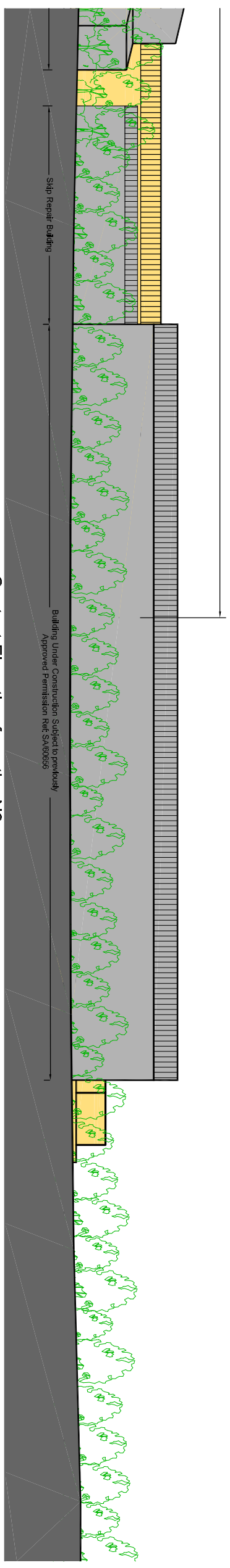
Context Elevation from the N2 (West)
Scale 1:500



Context Elevation from the N2 (1 of 3)
Scale 1:200





Context Elevation from the N2 (2 of 3)
Scale 1:200



Context Elevation from the N2 (3 of 3)
Scale 1:200

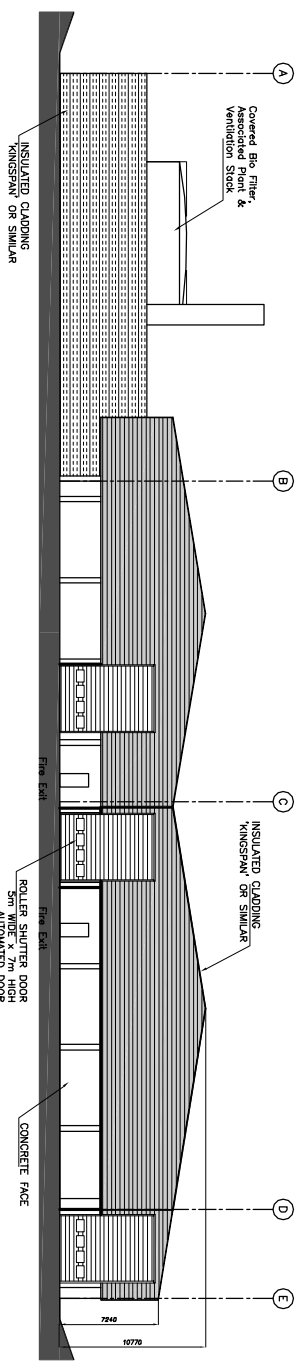
LEGEND

Existing Buildings 

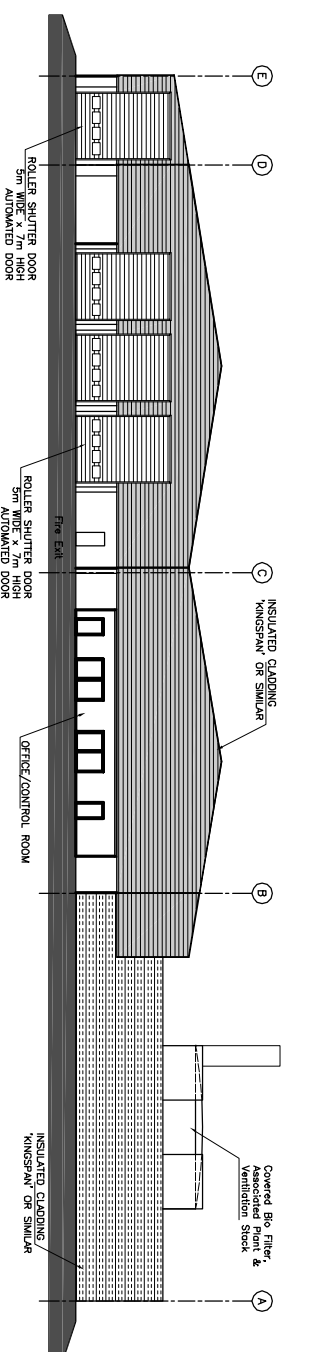
Proposed Building 

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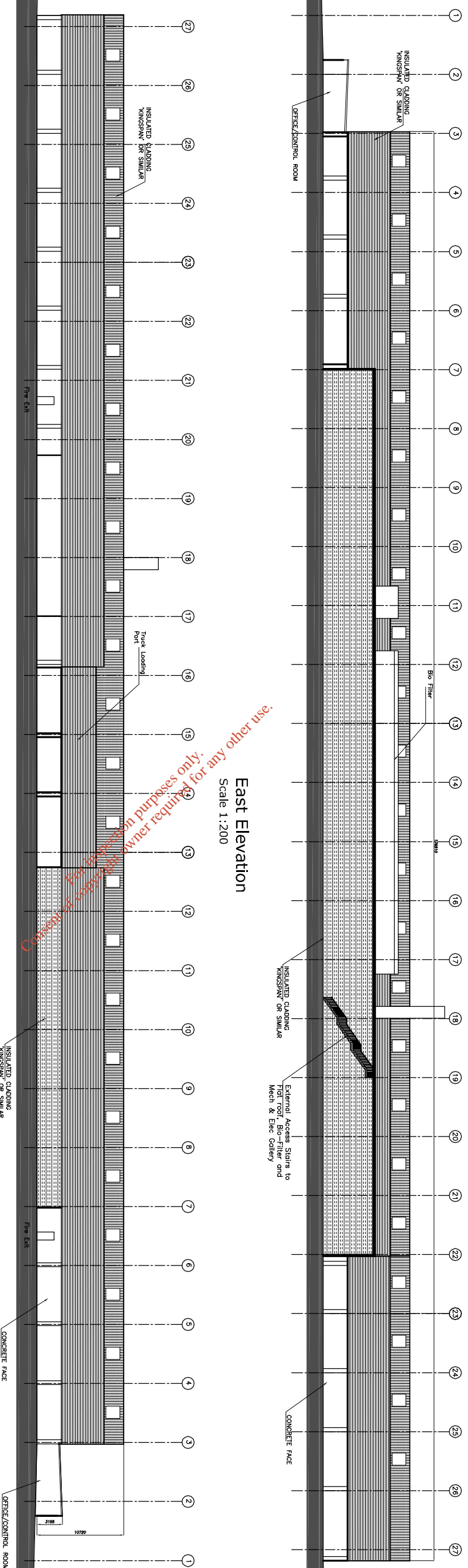
Scales 1:200/500 @ A0 1:500/1500 @ A3		No		DATE	
REVISION		DATE			
GAP architects					
5A Carrington Park, Dungannon, Co. Tyrone Telephone: +353 (0)7 426 2740 Fax: +353 (0)7 426 2740 E-mail: info@gaparchitects.com					
Client: Nureddine Ltd. (PANDA Waste) Rathfrugh, Beauparc, Navan, Co. Meath.					
Site: Phase IV Recycling Facility					
Title: Context Elevation		Scale: See Above		Drawn: S. Hill	
Proj No: 2009-101		Rev: 01		Stamp: EPA	
Date: 2009-10-30		Date: 2009-10-30		Date: 2009-10-30	



North Elevation
Scale 1:200

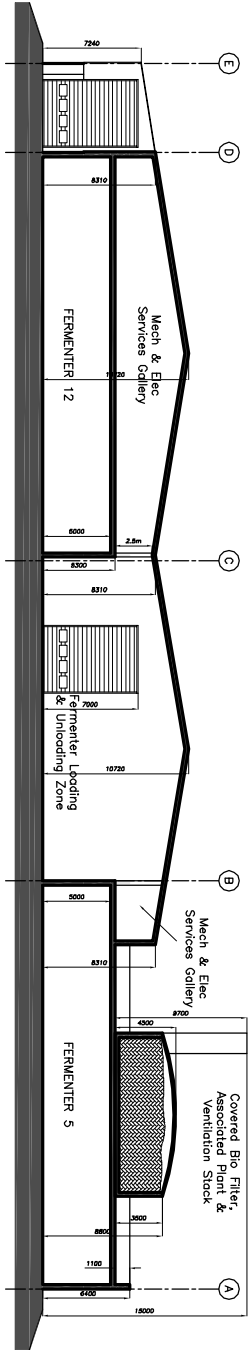


South Elevation
Scale 1:200

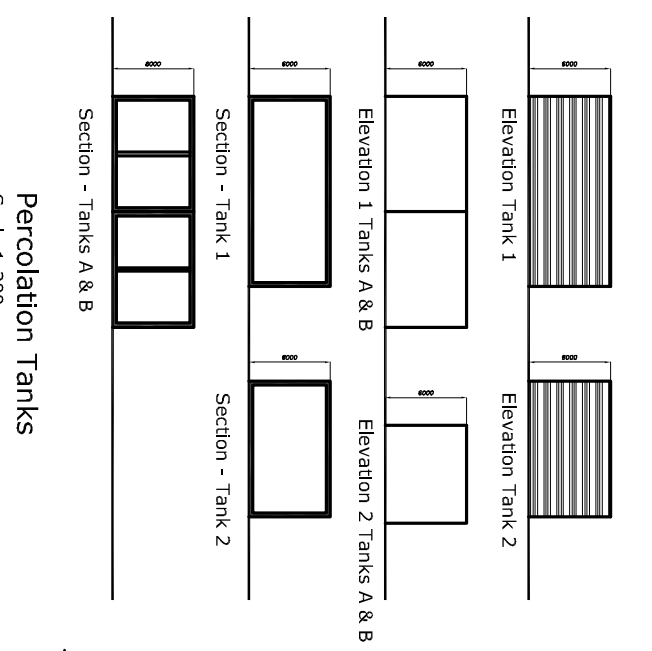


East Elevation
Scale 1:200

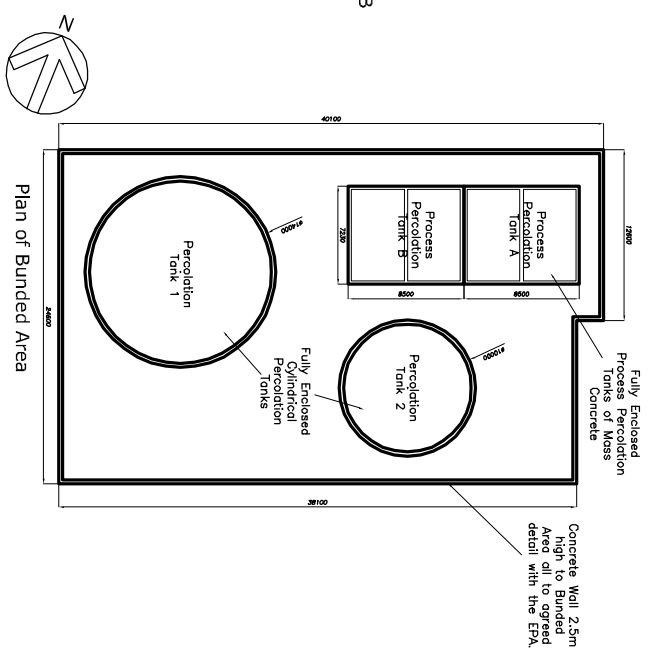
West Elevation
Scale 1:200



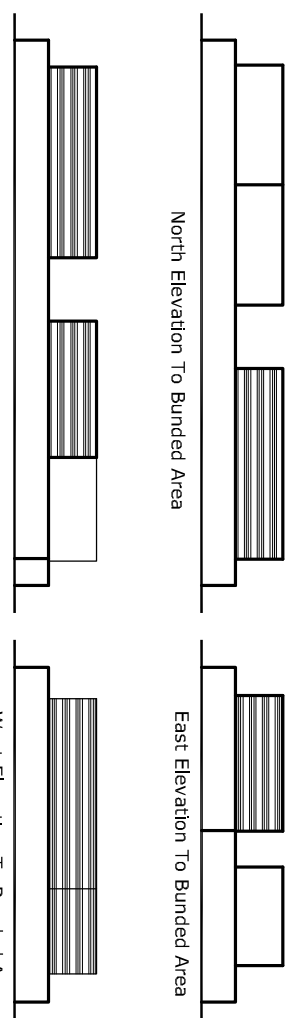
Section A-A
Scale 1:200



Percolation Tanks
Scale 1:200



Plan of Bunded Area



No	REVISION	DATE

GAP architects SA Chartered Architects, Dublin 13 Telephone: +353 (0)1 452 2200 Fax: +353 (0)1 452 2201 E-mail: info@gaparchitects.com		Client: Nirendle Ltd. (PANDA Waste) Rathdangan, Beauparc, Navan, Co. Meath.
Title: Building Elev & Sec 1:200 @ A0 Drawing No: 1011 Elev & Sec 1:200 Date: Sept 2009		Drawn: S. Hill Checked: S. Hill Date: Sept 2009
Phase IV Recycling Facility		EPA

Drainage legend

Surface Water Drainage to be separated into two systems.

System 1 - Roof Runoff to be reused on site.

System 2 - Hard Standing Runoff to pass through Class 1 Bypass Interceptor and be discharged to a soak away designed in accordance with BRE 385.

Location of Site Notice #1

Rathdrinagh Cross Roads

Licence Area

Licence Area

Licence Area

Licence Area

Licence Area

Location of Site Notice #2

N2 Dublin - Derry Road

To Derry

To Dublin

Ramped Access Road at 1:12 from Top Yard Level to meet existing site levels before joining into existing yard at a level of 63.15. Ground to be banked from new road / yard back to the existing site levels at a max of 1:3

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New Surface water sump chamber and pumping house to pump Rainfall run off from the new roofs to the existing above ground storage tank.

Building Under Construction Subject to previously Approved Permission Ref: SA/06059

Selected soft landscaping beyond the hard standing areas

See Planting Legend for Proposed planting schedule

Site Area
32,000sqm
3.2 Hectares
7.9 Acres

RAINFALL FROM PAVED AREAS TO SOAK AWAY BRE385 DESIGN

CLASS 1 BY PASS INTERCEPTOR

All Percolation Tanks to be enclosed in a 2.5m high bund area to agreed detail with EFA

Percolation Tank 1 Ø14m height 6m

Percolation Tank 2 Ø10m height 6m

Process Percolation Tanks A & B

Access Road to the west side of the building is to be kept at 150mm below the finished floor level with banking to existing site levels to be at a max of 1:3

1.5m perimeter footpath to Building set 150mm below Finished floor level with ground banked back to existing site levels at a 1:3 fall

Yard area with Cross Fall at 1:40

Yard area with Cross Fall at 1:40

Yard area with Cross Fall at 1:40

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Yard area with Cross Fall at 1:40

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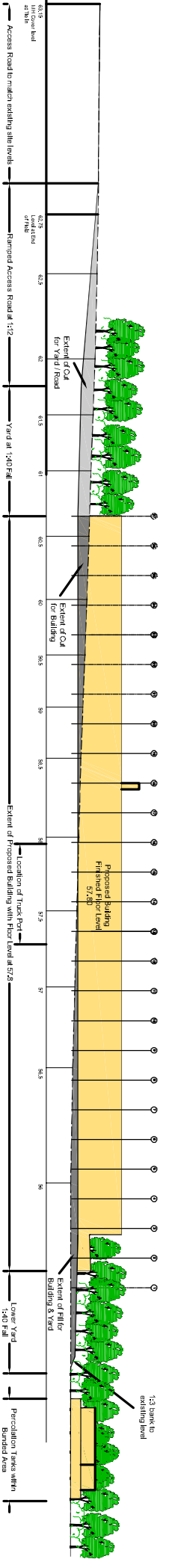
Yard area with Cross Fall at 1:40

Yard area with Cross Fall at 1:40

Yard area with Cross Fall at 1:40

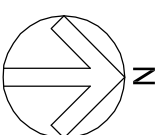
Yard area with Cross Fall at 1:40

Yard area with Cross Fall at 1:40



Site Section

<p>GAP architects</p> <p>3A Carrington Park, Derrinstown, Dublin 15 Telephone: +353 (0)1 452 41 21 E-mail: info@gaparchitects.com</p>		<p>Client: Nuriddin Ltd. (PANDA Waste) Rathdrinagh, Beaparc, Novon, Co. Meath.</p>	
<p>Phase IV Recycling Facility</p>		<p>Drawn: S. Hill</p>	
<p>Proposed Site Plan 1:1500 © A.J. S. Hill</p>		<p>Proposed Site Section 1:1500 © A.J. S. Hill</p>	
<p>2009-10-103</p>		<p>Sept 2009 EPA</p>	



ITM Centre Pt. Coords:

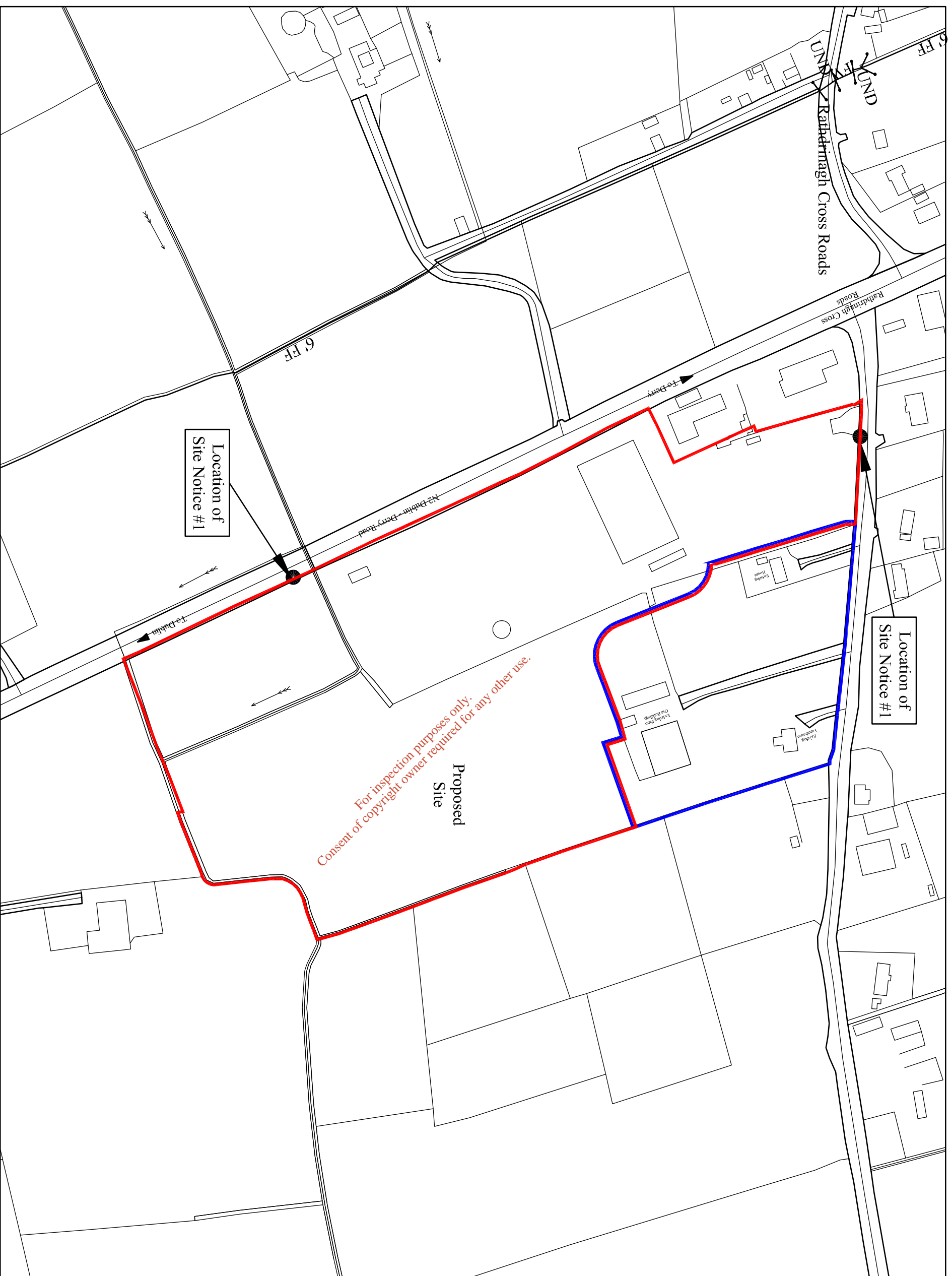
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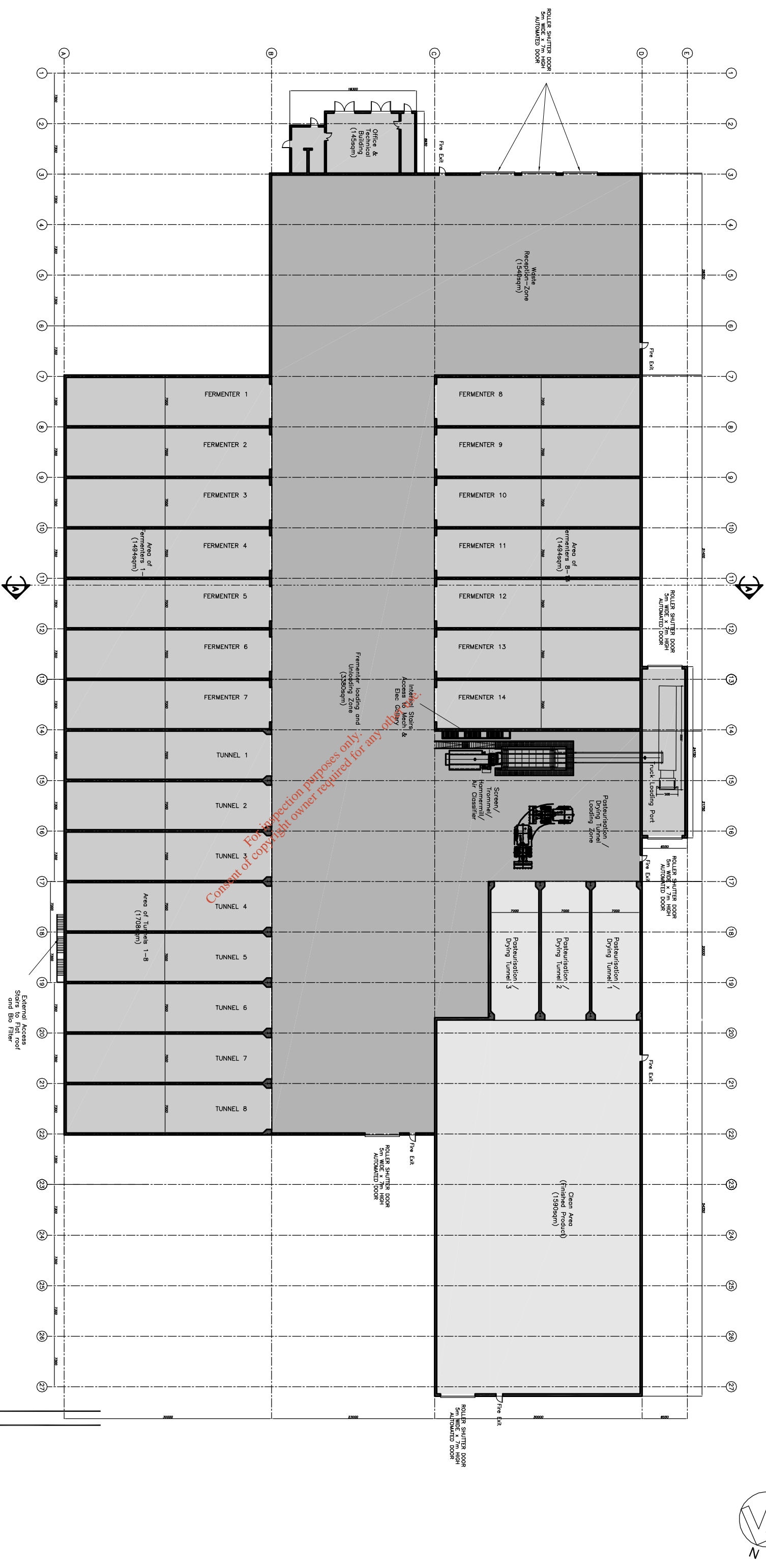
Map Series:

1:5000
2441

Revision Date 31-Jul-2004
Survey Date 31-Jul-2000
Levelled Date

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© Ordnance Survey Ireland, 2007



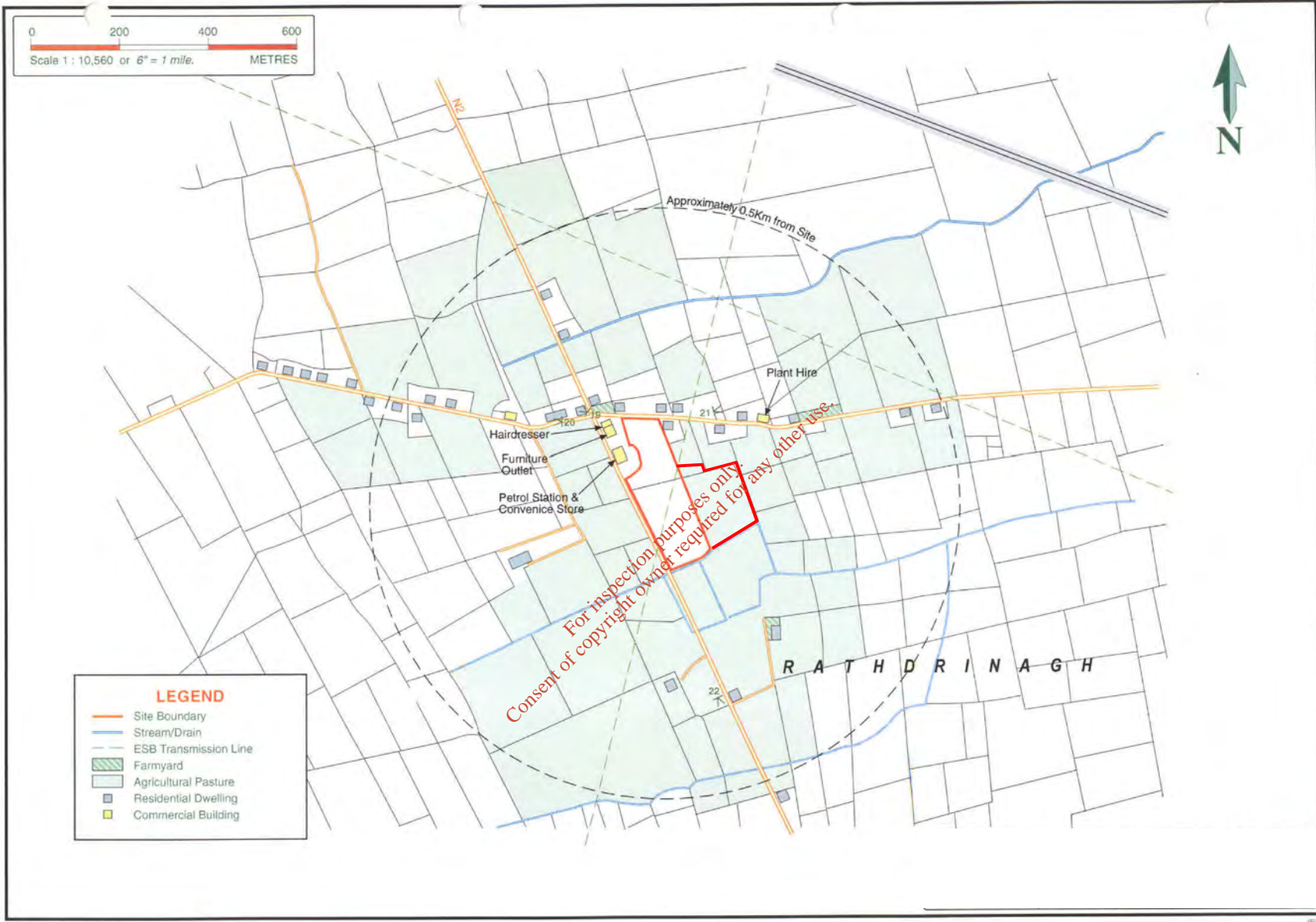


General Arrangement Floor Plan
Scale 1:200

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SA Carrington Park, Danganmore, Dublin 13 Telephone: +353 (0)1 452 2140 E-mail: info@gaparchitects.com	
Client: Nureddine Ltd. (PANDA Waste) Rathfriland, Beauparc, Navan, Co. Meath.	
Title: Building Floor Plan Date: 2009-10-2002	
Scale: 1:250 @ A0 1:500 @ A3 Date: Sept 2009	
Project: Phase IV Recycling Facility	
Drawn: S. Hill	Checked: EPA



LEGEND

- Site Boundary
- Stream/Drain
- ESB Transmission Line
- Farmyard
- Agricultural Pasture
- Residential Dwelling
- Commercial Building

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RATHDRINAGH



O' Callaghan Moran & Associates.
Granary House, Rutland Street,
Cork Ireland.
Tel. (021) 4321521 Fax. (021) 4321522
email : ocm@indigo.ie

CLIENT	PANDA Waste Services Ltd
TITLE	Surrounding Landuse

Details	O.S. Licence Agreement number AR 0038707 © Ordnance Survey Ireland. Government of Ireland.
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DRAWING NUMBER	
2	
Scale	Revision
NS	A

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NOTES

LEGEND:

- Denotes Sewer Monitoring Location
- Denotes Surface Emission/Monitoring Location
- Denotes Noise Monitoring Locations
- Denotes Air Emission/Monitoring Point
- Denotes Dust Monitoring point

#	I.D.	EASTING	NORTHING
1	AD-1	297300	269480
2	AD-2	297374	269422
3	AD-3	297481	269324
4	AD-4	297352	269483
5	AD-5	297500	269028
6	NSL-1	297303	269484
7	NSL-2	297357	269479
8	NSL-3	297371	269430
9	NSL-4	297526	269481
10	N2(B)	297351	269487
11	N3(B)	297372	269437
12	SE-1	297406	269316
13	SE-2	297411	269151
14	SW-1	297585	269130
15	A2-1	297491	269163
16	A2-2	297498	269145
17	A2-3	297507	269126
18	A2-4	297481	269139
19	A2-5	297551	269250
20	A2-6	297489	269140

REV	DATE	DESCRIPTION	DRN	CHKD	APP
B	15/04/2011	ART 14		MM	JOC
A	18/09/09	ISSUE		MW	JOC

O'Callaghan Moran & Associates,
 Granary House, Rutland Street,
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CLIENT
PANDA WASTE SERVICES LTD

TITLE
 PROPOSED
 MONITORING & EMISSION
 LOCATIONS

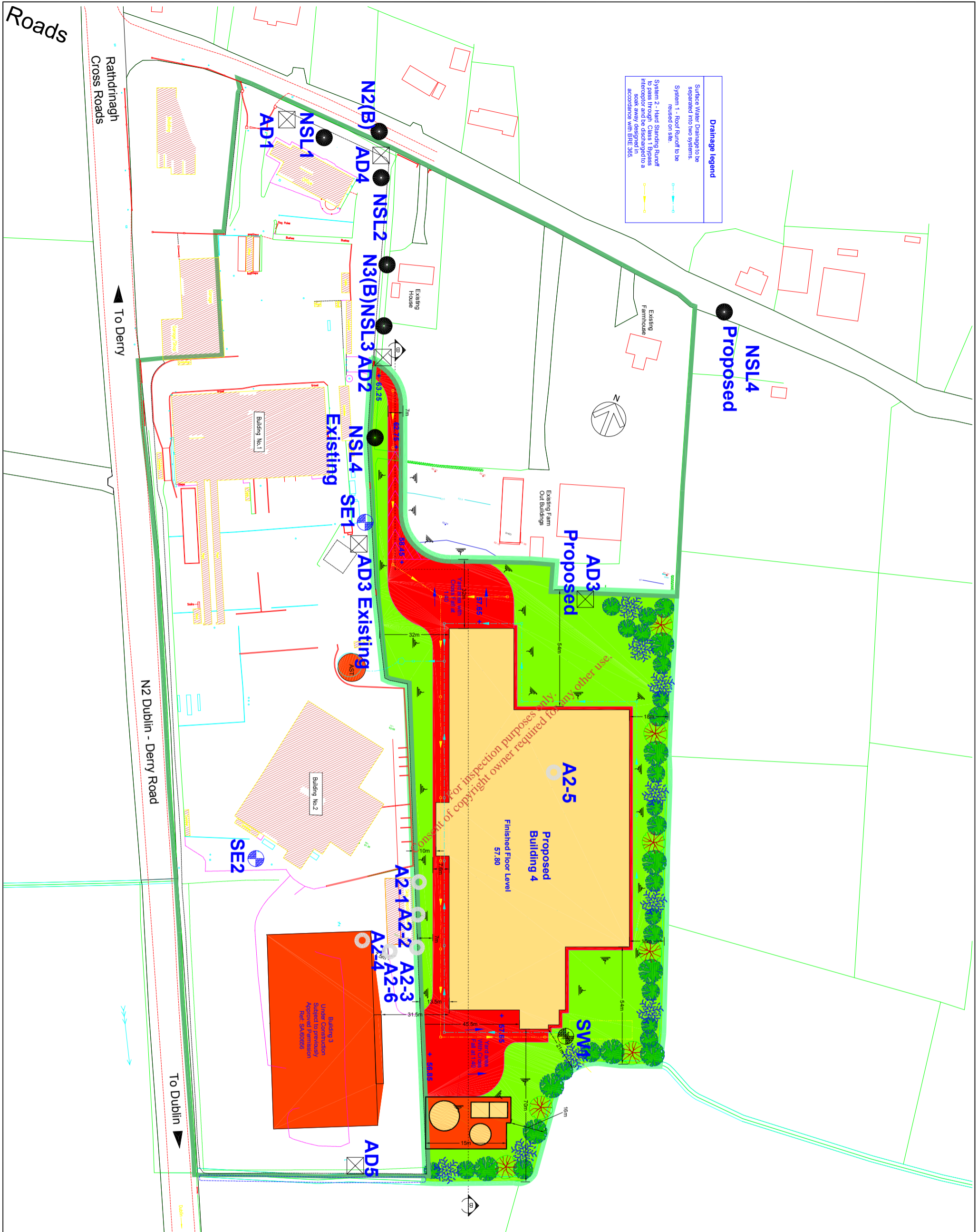
SCALE DRAWING No. 3 REV. A
 1:600

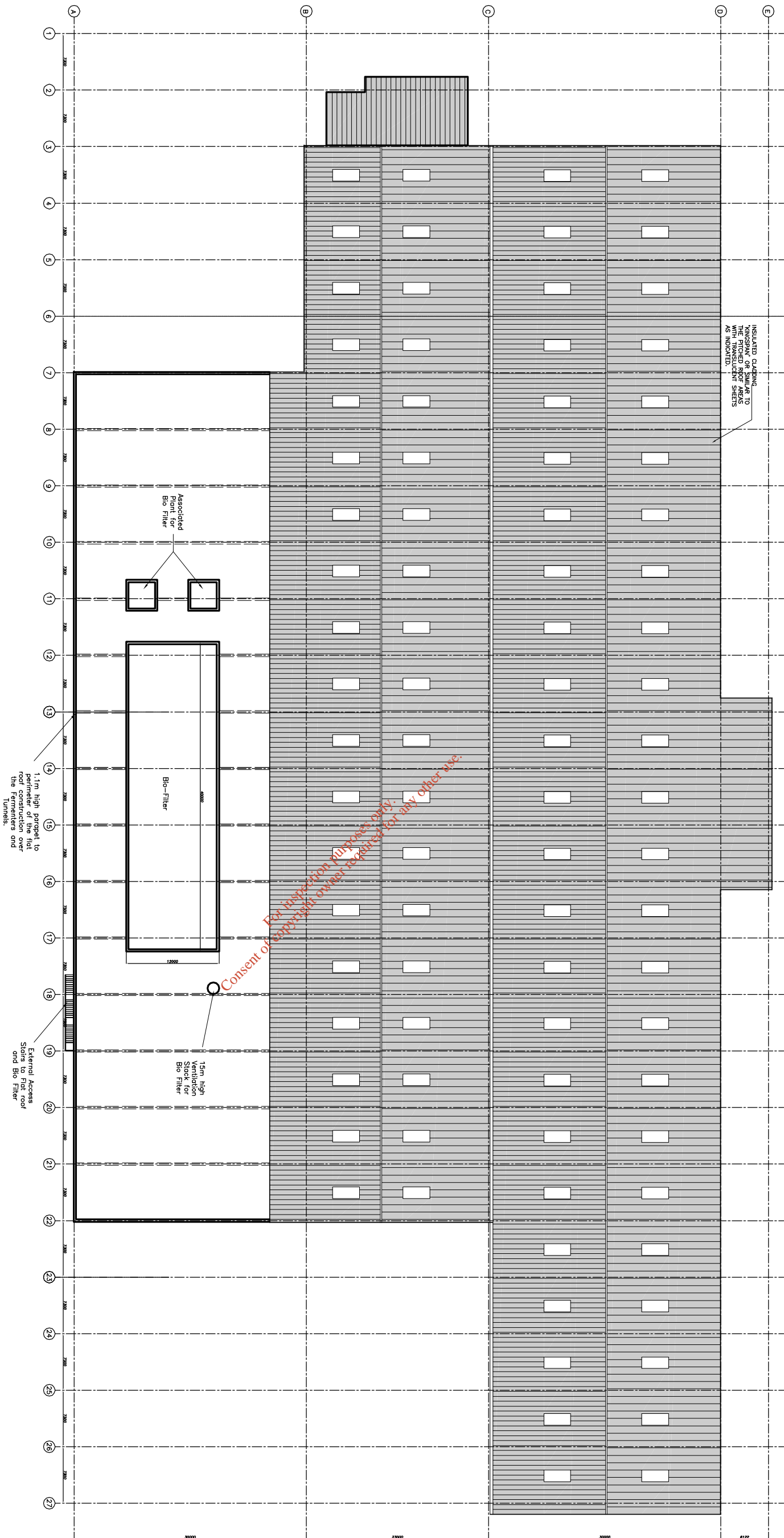
Drainage legend

Surface Water Drainage to be separated into two systems.

System 1 - Roof Runoff to be treated on site.

System 2 - Hard Standing Runoff to pass through Class 1 Bypass Interceptor and be discharged to a soak away designed in accordance with BRE 505.





Roof Plan
Scale 1:200

No	REVISION	DATE

GAP architects

5A Castleknock Park, Danganmore, Dublin 15
 Telephone: +353 (0)1 452 2140
 E-mail: space@gaparchitects.com

Client: Nirendle Ltd.
 (PANDA Waste)
 Rathfarnham, Beauparc,
 Neven, Co. Meath.

Phase IV
 Recycling Facility

Drawn	Scale	Checked	Date
S. Hill <td>1:500</td> <td>S. Hill <td>Sept 2009</td> </td>	1:500	S. Hill <td>Sept 2009</td>	Sept 2009
EPA			

2009-101-203