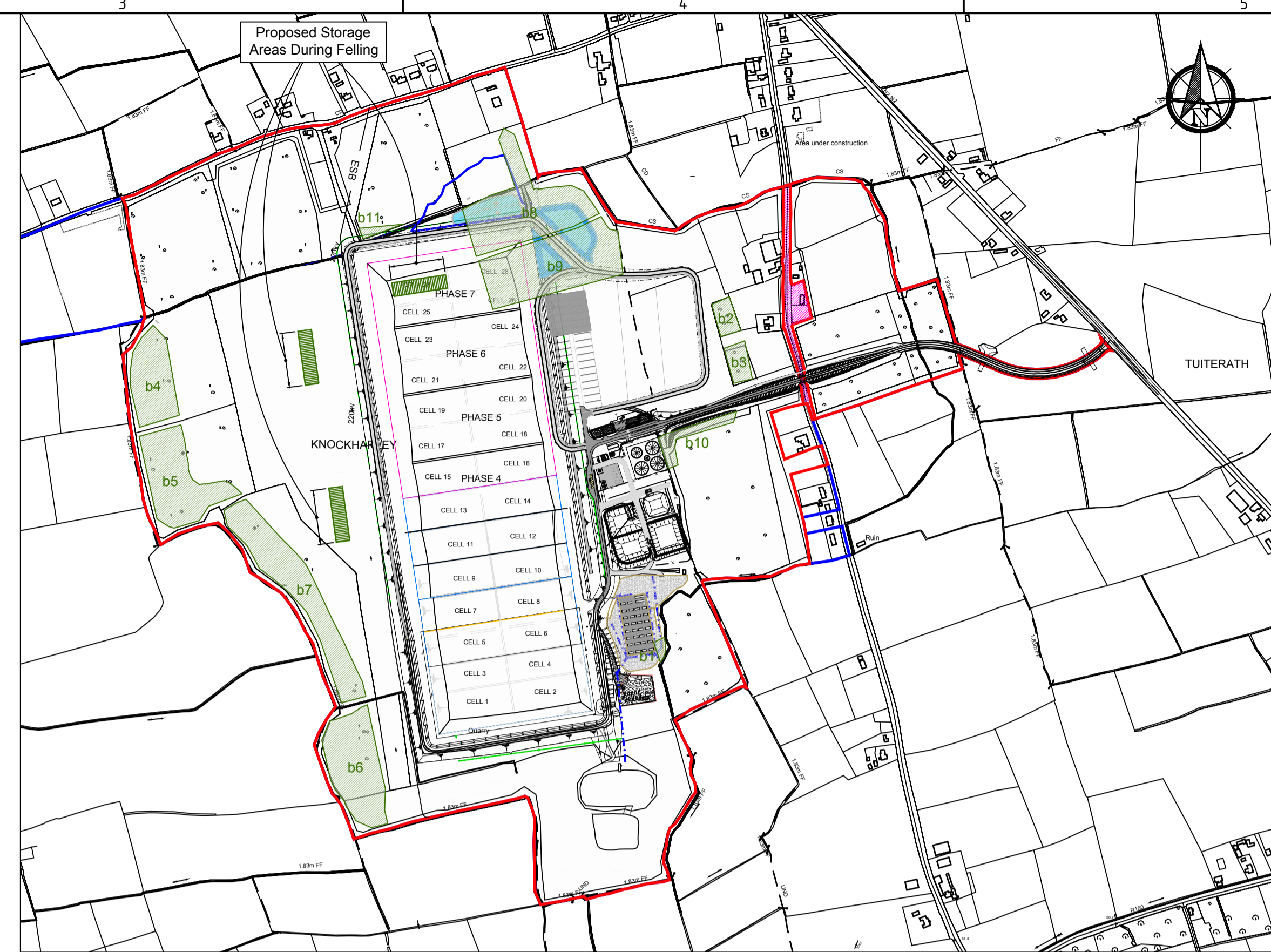


Ref.	Existing Forestry Description
a1	Broadleaved dominant woodland
a2	Broadleaved dominant woodland
a3	Broadleaved dominant woodland
a4	Broadleaved dominant woodland
a5	Broadleaved dominant woodland
a6	Broadleaved dominant woodland
a7	Broadleaved dominant woodland
a8	Broadleaved dominant woodland
a9	Broadleaved dominant woodland
a10	Broadleaved dominant woodland
a11	Broadleaved dominant woodland
a12	Conifer dominant woodland
a13	Conifer dominant woodland
a14	Conifer dominant woodland
a15	Conifer dominant woodland
a16	Conifer dominant woodland
a17	Broadleaved dominant woodland
a18	Conifer dominant woodland
a19	Broadleaved dominant woodland



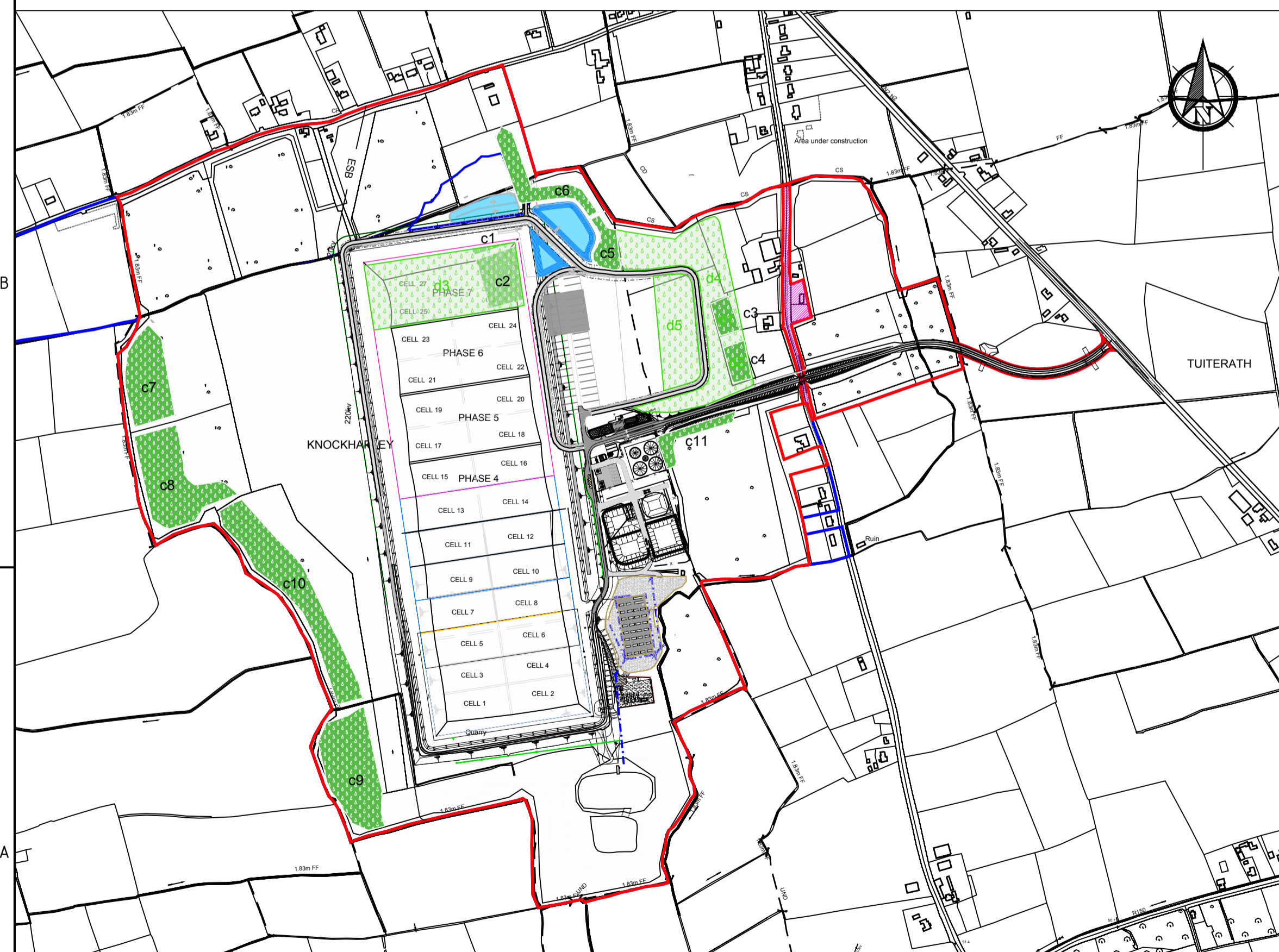
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Ref.	Existing Forestry, (a)	Existing Forestry To Be Cut, (b)	Existing Forestry To Be Restored, (c)	New Forestry (New), (d)	Final Forestry Planting Areas, (e)
1	673	592	649	-2315	649
2	1677	2315	2315	-2596	673
3	2315	2596	2596	13916	1677
4	2596	11689	3257	32551	1728
5	3349	16793	3410	33676	3257
6	6909	17435	6575		3349
7	11269	21152	7061		17420
8	13677	23414	11689		11050
9	14348	25483	16793		11269
10	20878	3410	17435		13677
11	25716	794	21152		13756
12	28322				13916
13	28857				20878
14	29551				28322
15	29852				28857
16	32339				29551
17	38762				29852
18	42256				30190
19	43708				32339
20					32551
21					42256
22					43708
<b>Areas in sq. meters</b>					
	377054	125673	92932	75232	410925

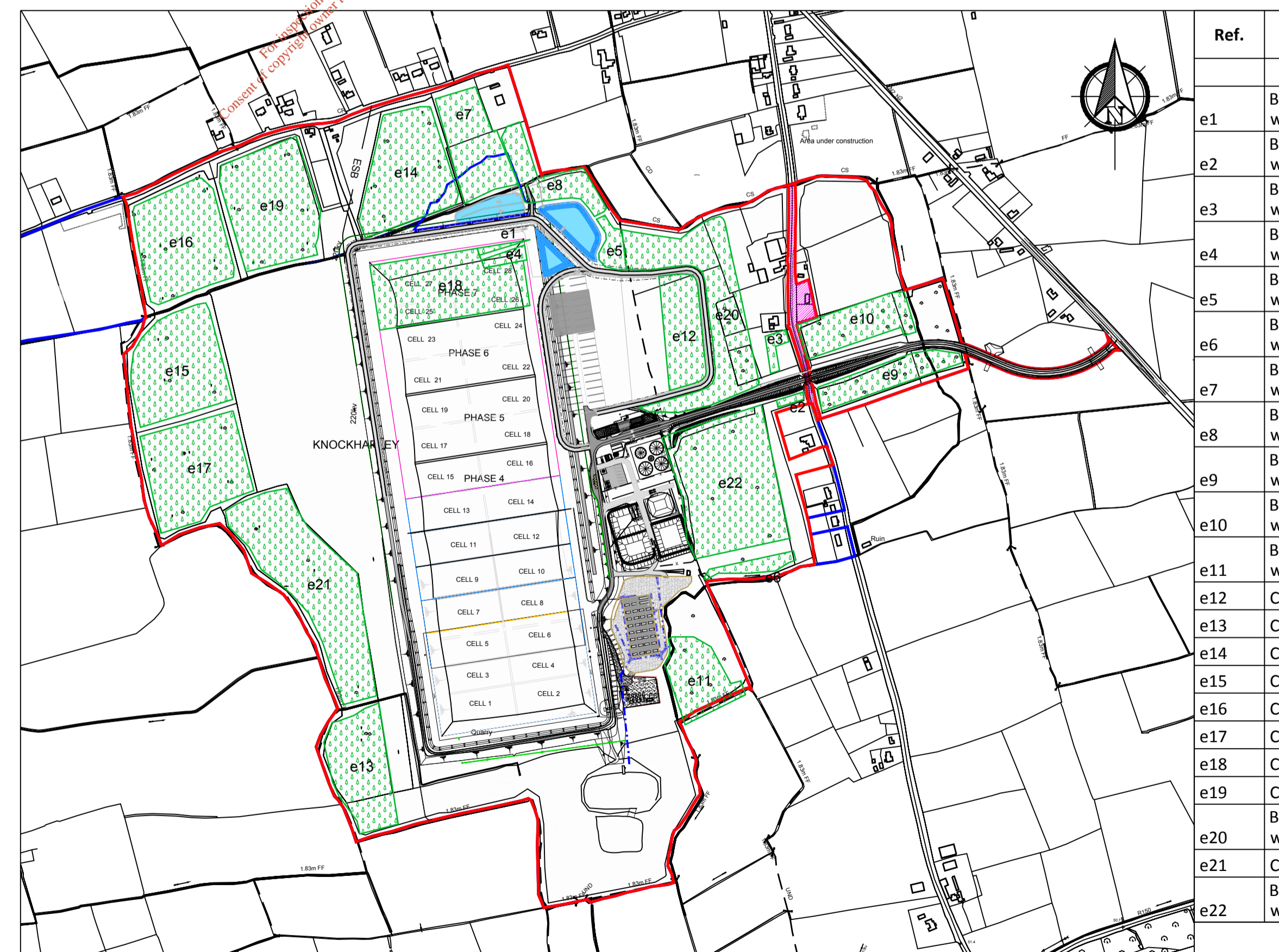
(a) EXISTING FOREST PLANTING

(b) PROPOSED FOREST FELLING

Reforestation means restoring forestry in areas that were felled to facilitate development.  
New forestation means planting forestry in areas that were not previously forested to maintain the same level of forestry on the site.



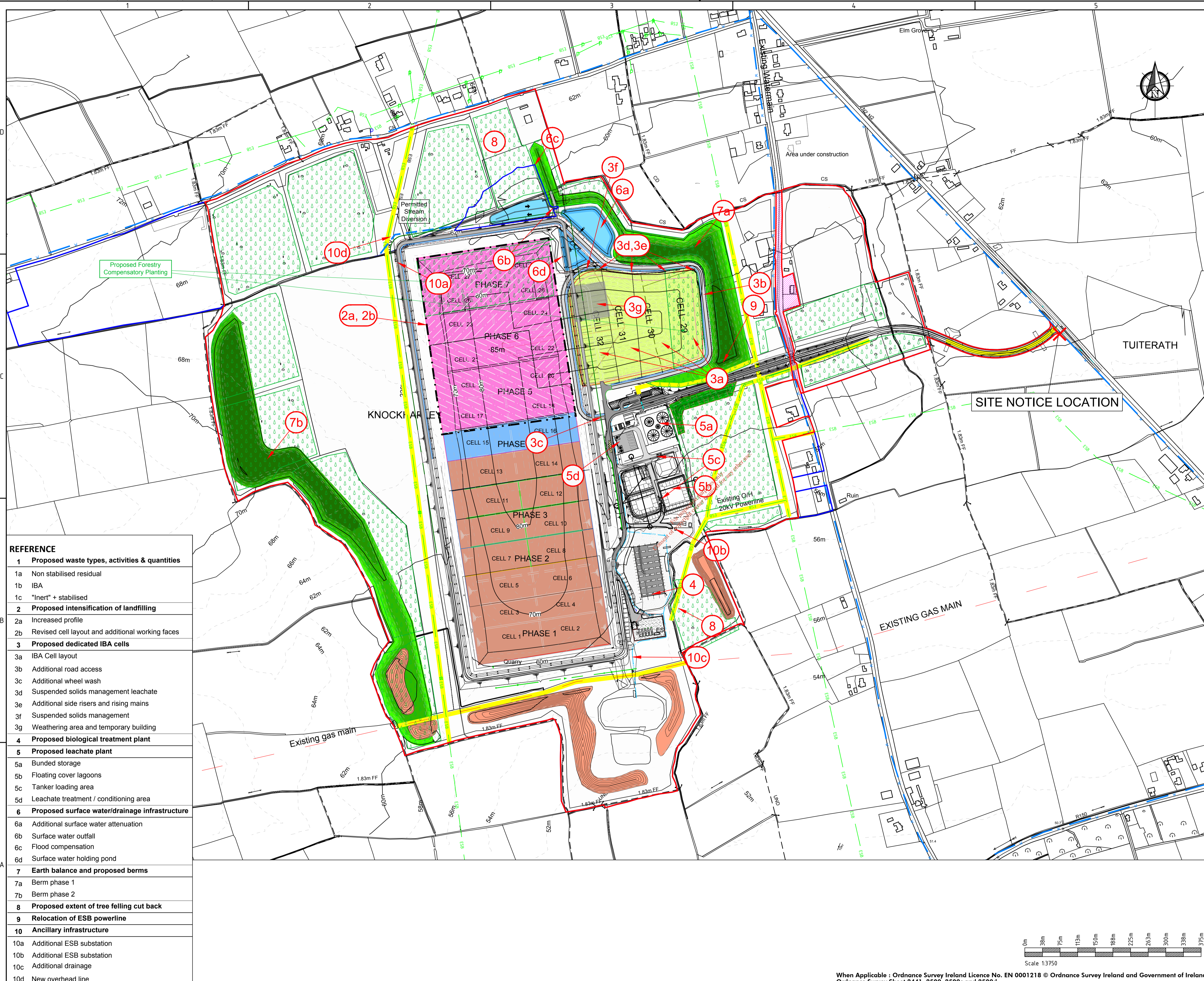
(c) AREAS OF PROPOSED FORESTRY RESTORATION & (d) NEW PLANTING



Ref.	Final Proposed Forestry Description
e1	Broadleaved dominant woodland
e2	Broadleaved dominant woodland
e3	Broadleaved dominant woodland
e4	Broadleaved dominant woodland
e5	Broadleaved dominant woodland
e6	Broadleaved dominant woodland
e7	Broadleaved dominant woodland
e8	Broadleaved dominant woodland
e9	Broadleaved dominant woodland
e10	Broadleaved dominant woodland
e11	Broadleaved dominant woodland
e12	Conifer dominant woodland
e13	Conifer dominant woodland
e14	Conifer dominant woodland
e15	Conifer dominant woodland
e16	Conifer dominant woodland
e17	Conifer dominant woodland
e18	Conifer dominant woodland
e19	Conifer dominant woodland
e20	Broadleaved dominant woodland
e21	Conifer dominant woodland
e22	Broadleaved dominant woodland

(e) PROPOSED FINAL FOREST PLANTING

Rev.	Drawn	SK	CHK'd	CJC	App'd	BC	Cork	10.07.18	Issue For Planning Application
Revision History		EIA/R							
Name of Client									
<b>KNOCKHARLEY LANDFILL LTD.</b>									
Name of Job									
<b>PROPOSED DEVELOPMENT AT KNOCKHARLEY LANDFILL</b>									
Title of Drawing									
<b>EXISTING FORESTATION PROPOSED FELLING &amp; NEW PLANTING</b>									
Scales Used								This Drawing was printed to A1.	
<b>1:7500</b>									
Dwg. No.								Rev.	
<b>LW14-821-01-P-0050-003</b>								<b>A</b>	
<b>CONSULTANTS IN ENGINEERING &amp; ENVIRONMENTAL SCIENCES</b> W: www.fehilytimoney.ie, E: info@ftco.ie Core House, Pouladuff Rd, Cork, Ireland. T: +353-21-4964133, F: +353-21-4964464 J5 Plaza, North Park Business Park, North Road, Dublin 11, Ireland. T: +353-1-6583500, F: +353-1-6583501									



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**LEGEND**

- Planning Boundary
- Areas Within Planning Boundary, Not Within Application Site
- Ownership Boundary Refer to dwg P-0000-BDY For Clarity
- Existing Wayleave
- Existing Contours
- Existing Watercourse
- Landfill Cells currently being filled (2017/18)
- Constructed Landfill Cells
- Final Forested Areas
- Permitted Landfill Cells, To Be Constructed
- Proposed IBA Facility (1a, 1c)
- IBA Cell 33 (Outline Only Shown For Clarity) (1b)
- Proposed Screening Berms with New Replanting
- Proposed Stream Diversion
- Existing Berm

**REFERENCE**

<b>1 Proposed waste types, activities &amp; quantities</b>
1a Non stabilised residual
1b IBA
1c "Inert" + stabilised
<b>2 Proposed intensification of landfilling</b>
2a Increased profile
2b Revised cell layout and additional working faces
<b>3 Proposed dedicated IBA cells</b>
3a IBA Cell layout
3b Additional road access
3c Additional wheel wash
3d Suspended solids management leachate
3e Additional side risers and rising mains
3f Suspended solids management
3g Weathering area and temporary building
<b>4 Proposed biological treatment plant</b>
<b>5 Proposed leachate plant</b>
5a Bunded storage
5b Floating cover lagoons
5c Tanker loading area
5d Leachate treatment / conditioning area
<b>6 Proposed surface water/drainage infrastructure</b>
6a Additional surface water attenuation
6b Surface water outfall
6c Flood compensation
6d Surface water holding pond
<b>7 Earth balance and proposed berms</b>
7a Berm phase 1
7b Berm phase 2
<b>8 Proposed extent of tree felling cut back</b>
<b>9 Relocation of ESB powerline</b>
<b>10 Ancillary infrastructure</b>
10a Additional ESB substation
10b Additional ESB substation
10c Additional drainage
10d New overhead line

Rev.	Drawn	SK	CHK'd	CIC	App'd	Rev Origin	Date	Description
A						Cork	10.07.18	Issue For Planning Application
Revision History A								
Name of Client								
KNOCKHARLEY LANDFILL LTD.								
Name of Job								
PROPOSED DEVELOPMENT AT KNOCKHARLEY LANDFILL								
Title of Drawing								
PROPOSED SITE LAYOUT PLAN WITH INFRASTRUCTURE LOCATIONS								
Scales Used								
1:3750								
Dwg. No.								
LW14-821-01-P-0050-005								
Rev.								
A								

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