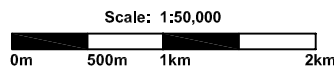


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Extract from 1:50,000 OSI Discovery Series Map No. 60



Legend
Site Location

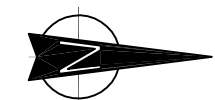


JSPE
31 Athlumney Castle,
Navan, Co Meath
Phone/Fax: 046 9073997
Mobile: John Sheils 087/ 273 0087
Email: john.sheils@jspec

J SHEILS PLANNING & ENVIRONMENTAL LTD

Site Location Map
Sand & Gravel Merchants Ltd
Thornberry Townland
Kill
Co. Kildare

Author: DOS	Job No. JSPE 175
Date: Jan 2009	Ref No. A 1.0



- Application Area (c.10.0ha)
- Leasehold Area (c.11.4ha)
- Residences
- GW 1 WELL Well
- 500m from Site Boundary
- Power Lines
- Surface Water

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 Digital Raster Extract Ordnance Survey Data 2500 mapping
 OS Sheets 3511 - A B C D 3510 - D
 NG Centre Point Coords X, Y = 293986 221275

Scale 1:5000



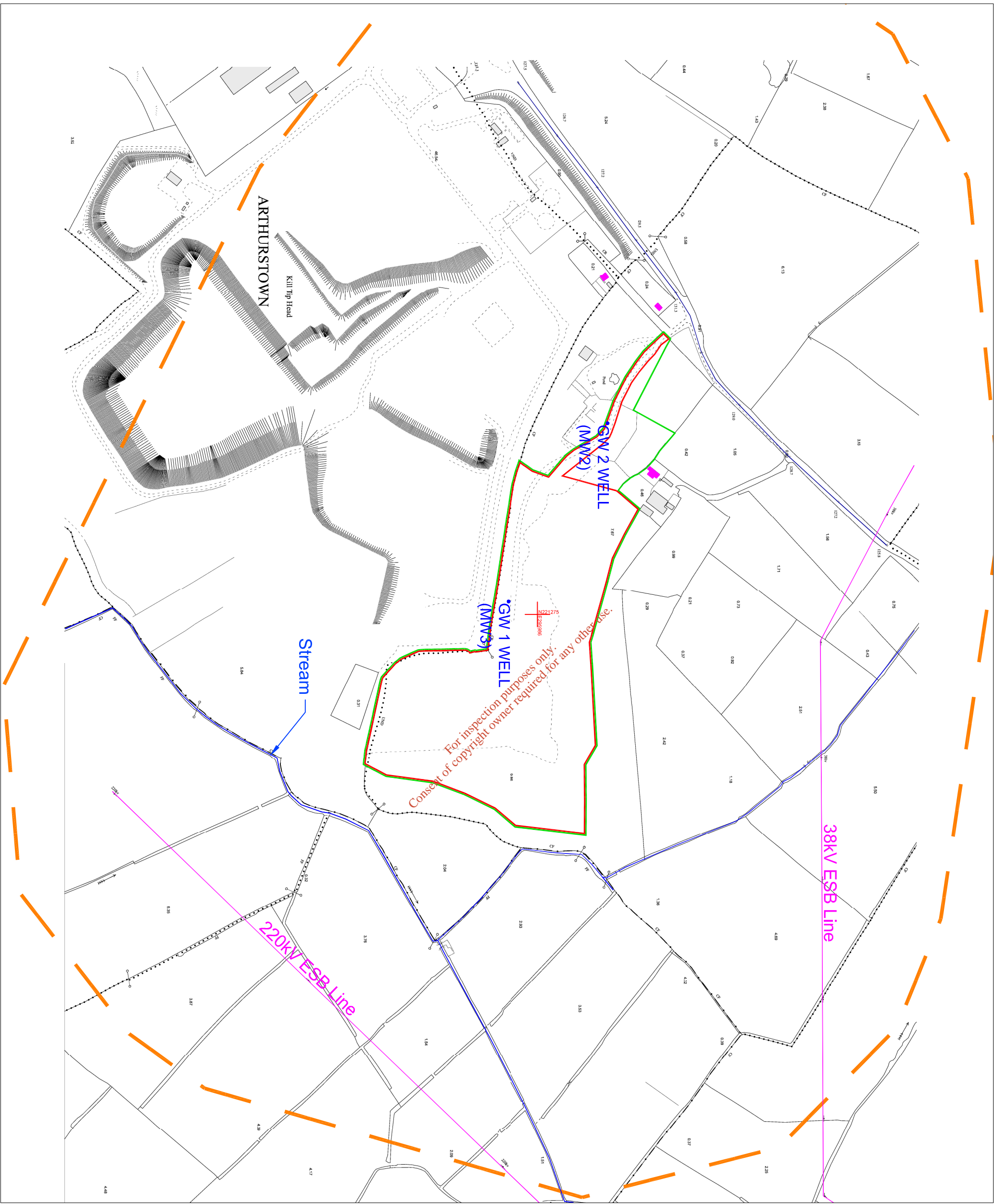
J SHEILS PLANNING & ENVIRONMENTAL LTD

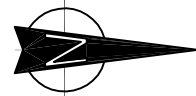
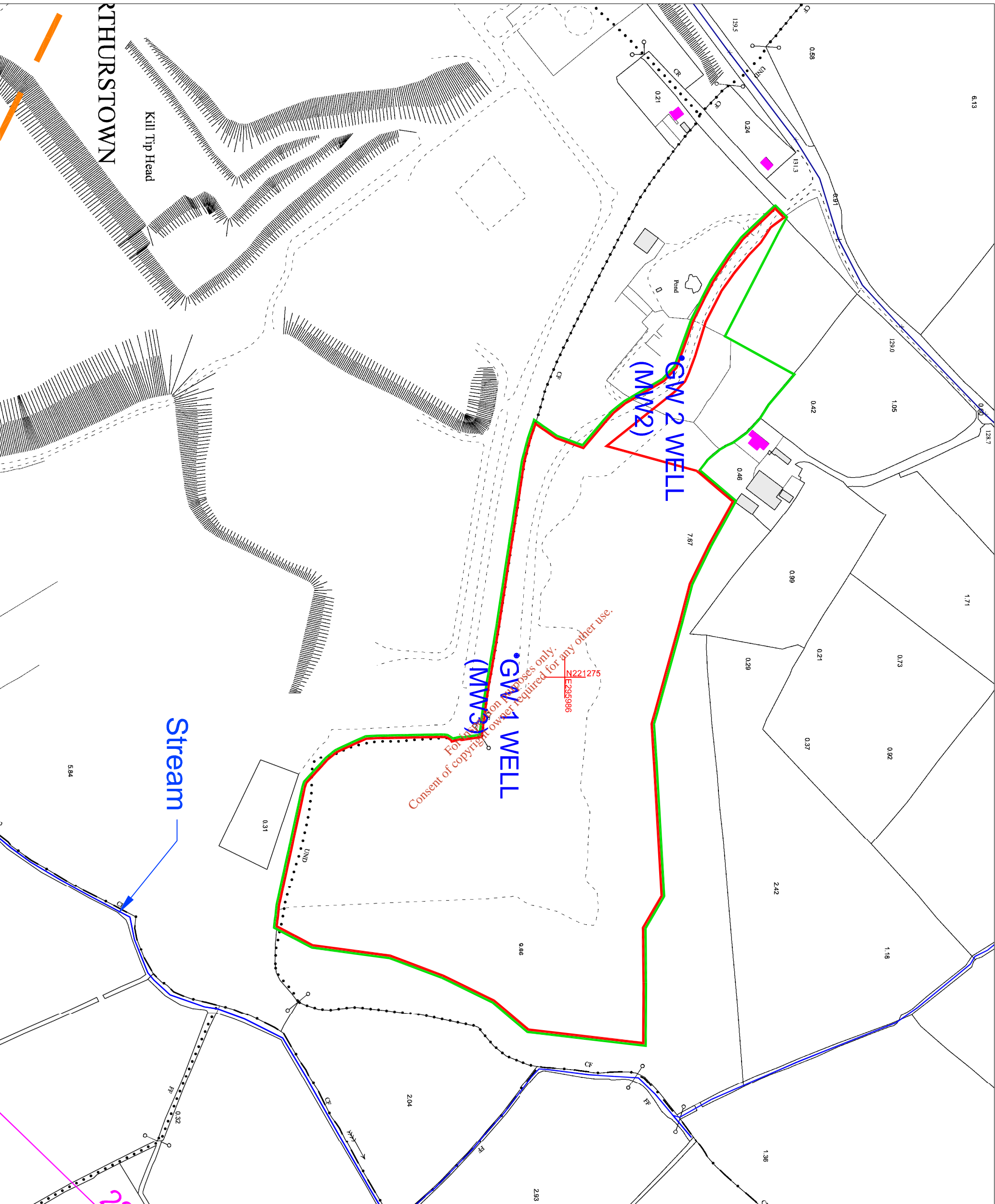
SAND & GRAVEL MERCHANTS LTD

DRAWING
LOCATION MAP (500m)

LOCATION
THORBERRY TOWNLAND
 Kill, Co. Kildare.

Drawn by	Scale
Diarmuid O'Sullivan	1 / 5000
Checked by	Job No.
John Sheils	JSPE 175
Date	Figure No.
20/01/09	B 2.2





- Application Area (c.10.0ha)
- Leasehold Area (c.11.4ha)
- Residences
- GW 1 WELL Well
- 500m from Site
- Boundary
- Power Lines
- Surface Water

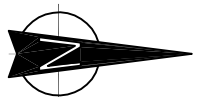
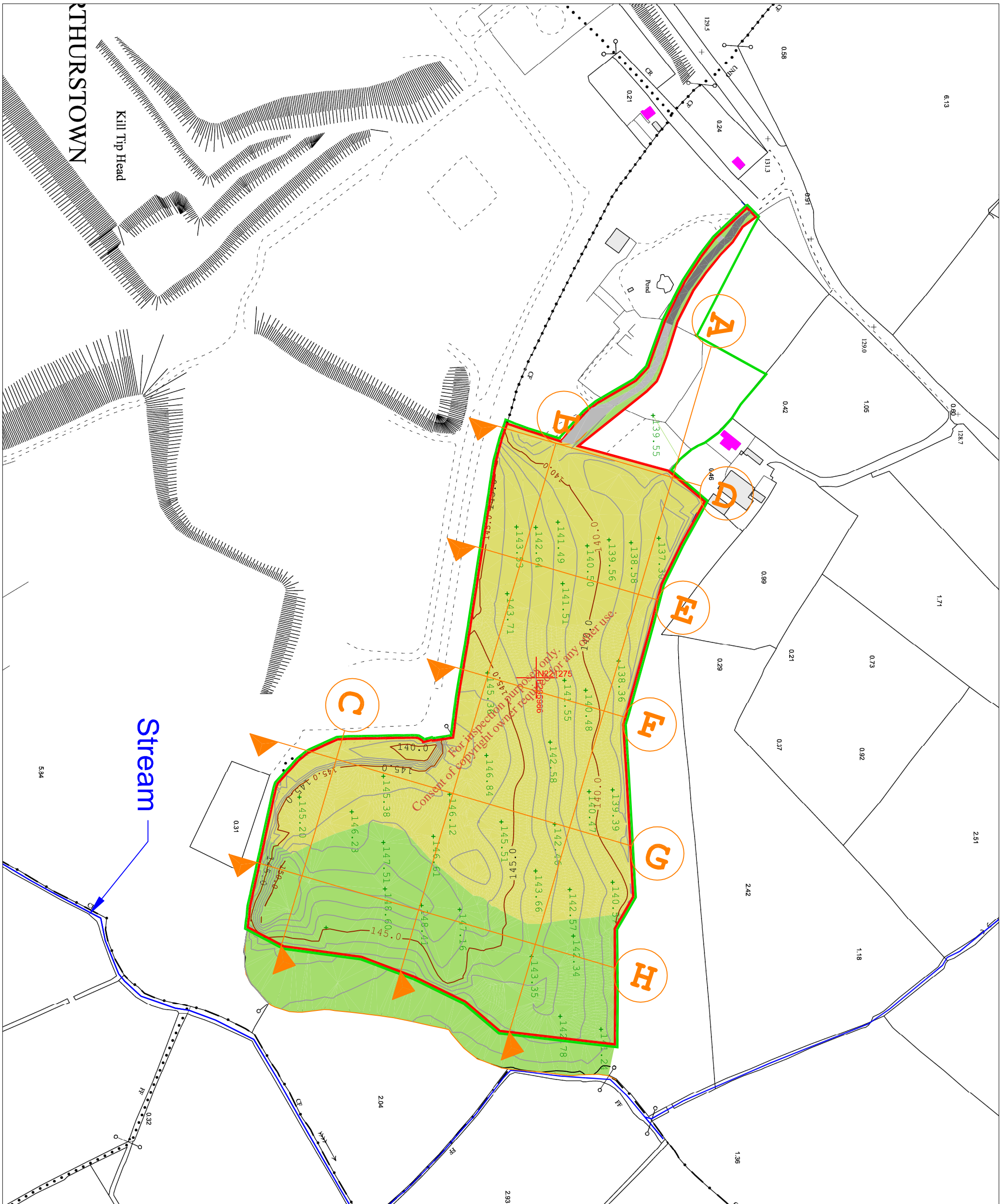
Scale 1:3000

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 Digital Raster Extract Ordnance Survey Data 2500 mapping
 OS Sheets 3511 - A B C D 3510 - D
 NG Centre Point Coords X, Y = 293986 221275

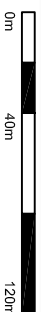
J SHELLS PLANNING & ENVIRONMENTAL LTD
 31 Ashloney Castle,
 Navan, Co. Meath,
 Phone/Fax: 046 9073997
 Mobile: John Shells 087 723 0087
 Email: john.shells@jspe.ie

SAND & GRAVEL MERCHANTS LTD
 SERVICES MAP (250m)
 THORNBERRY TOWNLAND
 Kill, Co. Kildare.

Drawn by	Scale	
Diarmuid O'Sullivan	1 / 3000	
Checked by	Job No.	Figure No.
John Shells	JSPE 175	B 2.3
Date		
20/01/09		



- Application Area (c.10.0ha)
- Leasehold Area (c.11.4ha)
- Residences
- Grassland
- Restored Area
- Contours
- Spot Level (mAOD)
- Sections
- Tarmacadam Surface (Retained for Agriculture Access)



Scale 1:3000



J SHELLS PLANNING & ENVIRONMENTAL LTD

31 Ashburney Castle,
Newry, Co. Meath
Phone/Fax: 046 9072997
Mobile: John Shells 087 231 0067
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Client
SAND & GRAVEL MERCHANTS LTD
DRAWINGS
RESTORATION PLAN
LOCATION
THORNBERY TOWNLAND
KILL, Co. Kildare.

Drawn by Diarmaid O'Sullivan	Scale 1 /3000
Checked by John Shells	Job No. JSP E 175
Date 20/01/09	Figure No. B 2.4

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Digital Raster Extract Ordnance Survey Data 2500 mapping
OS Sheets 5511 - A B C D 5510 - D
NG Centre Point Coords X, Y = 293986 221275

THURSTOWN

Kill Trip Head

Stream

534

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204

293

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1.18

251

1.71

1.05

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6.13

128.7

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143.71

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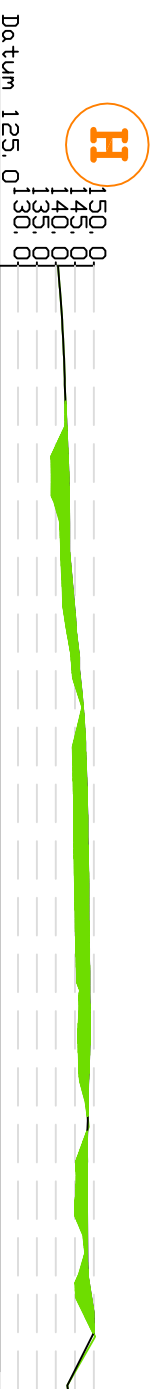
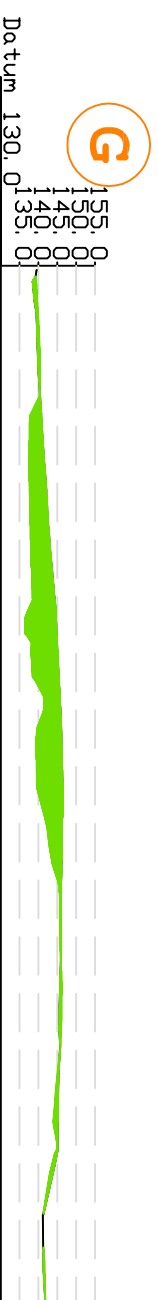
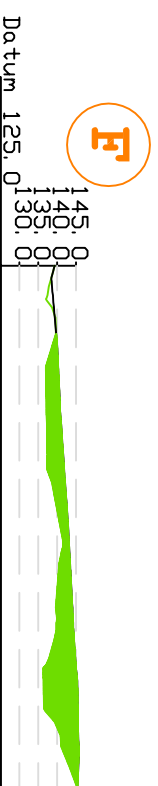
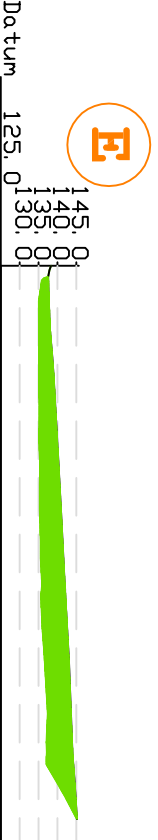
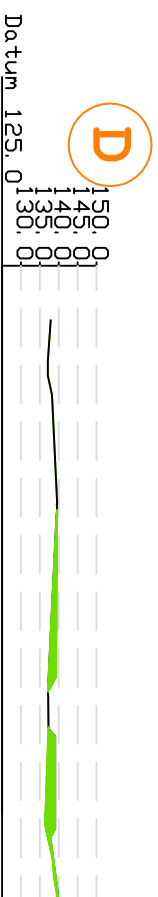
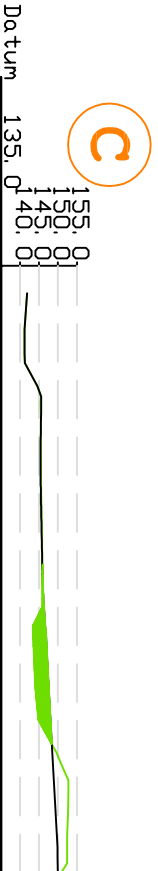
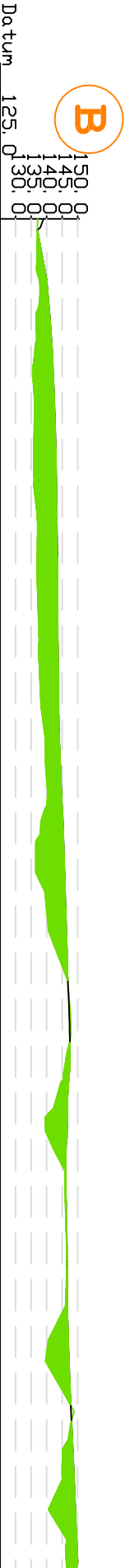
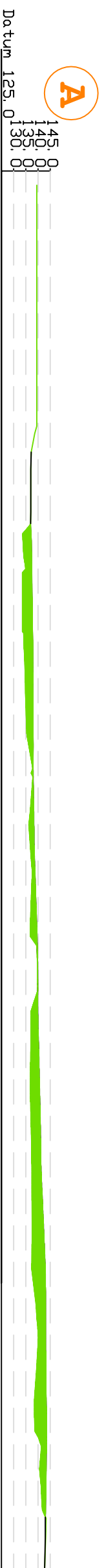
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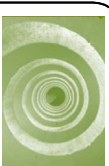


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- Legend**
- Final Landform Profile (mAOD)
 - Restoration Profile
 - Existing Ground Profile (mAOD)

Minimum Fill Depth <1m
Maximum Fill Depth 9m
Average Fill Depth 4 to 5m

Scale 1:2000



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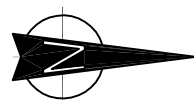
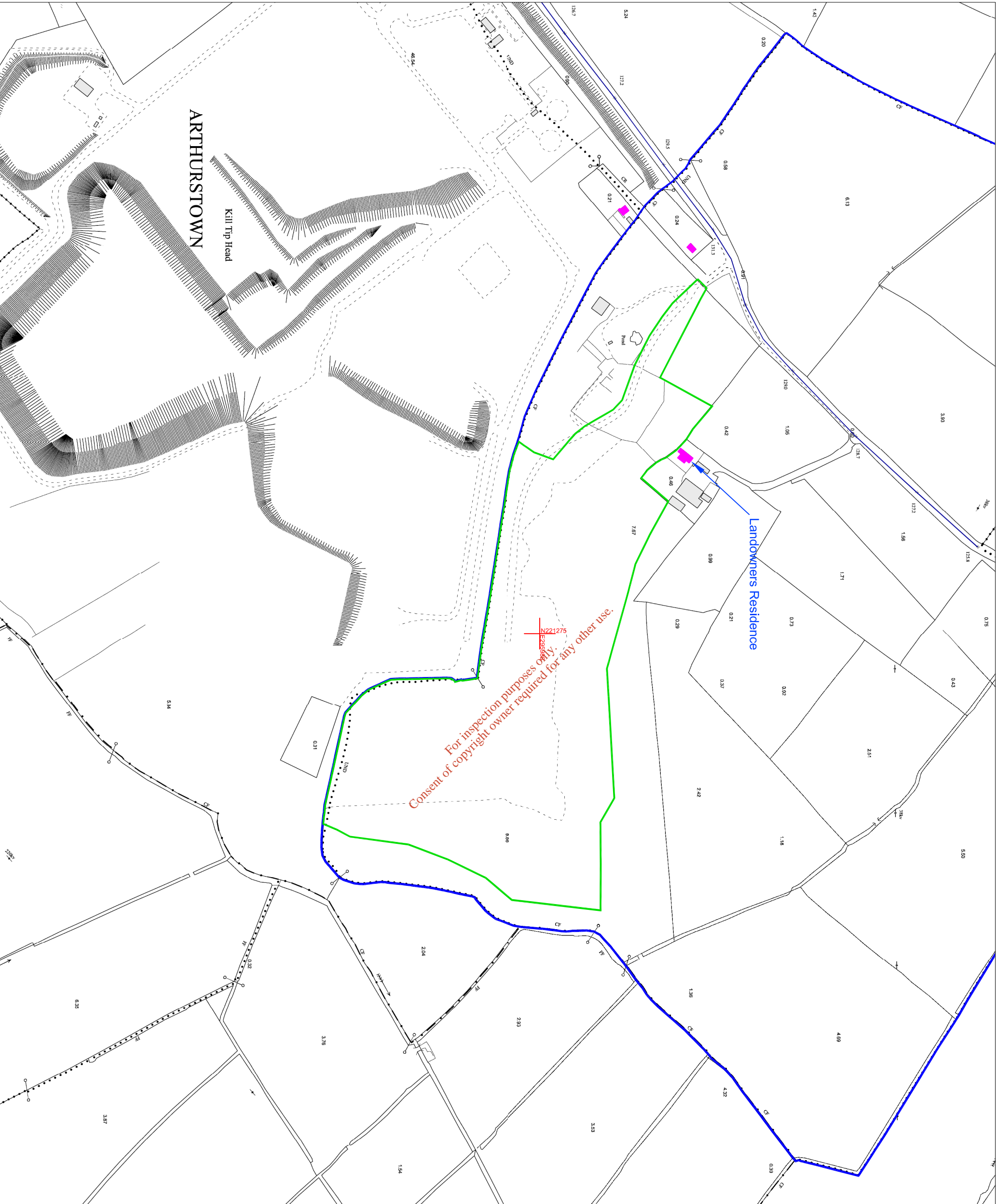
31 Ashlumney Castle,
Newry, Co. Meath
Phone/Fax: 046 9073997
Mobile: John Shells 087 231 0087
Email: john.shells@jspe.ie

SAND & GRAVEL MERCHANTS LTD

SITE CROSS SECTIONS

LOCATION
THORNBERRY TOWNLAND
Kill, Co. Kildare.

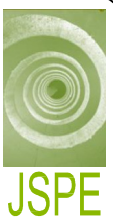
Drawn by Diarmaid O'Sullivan		Scale 1 /2000	
Checked by John Shells		Job No. JSPE 170	
Date 18/01/09		Figure No. B 2.5	



- Leasehold Area (c.11.4ha)
- Land Holding
- Residences

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 NG Centre Point Coords X, Y = 293986 221275

Scale 1:4000



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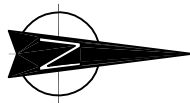
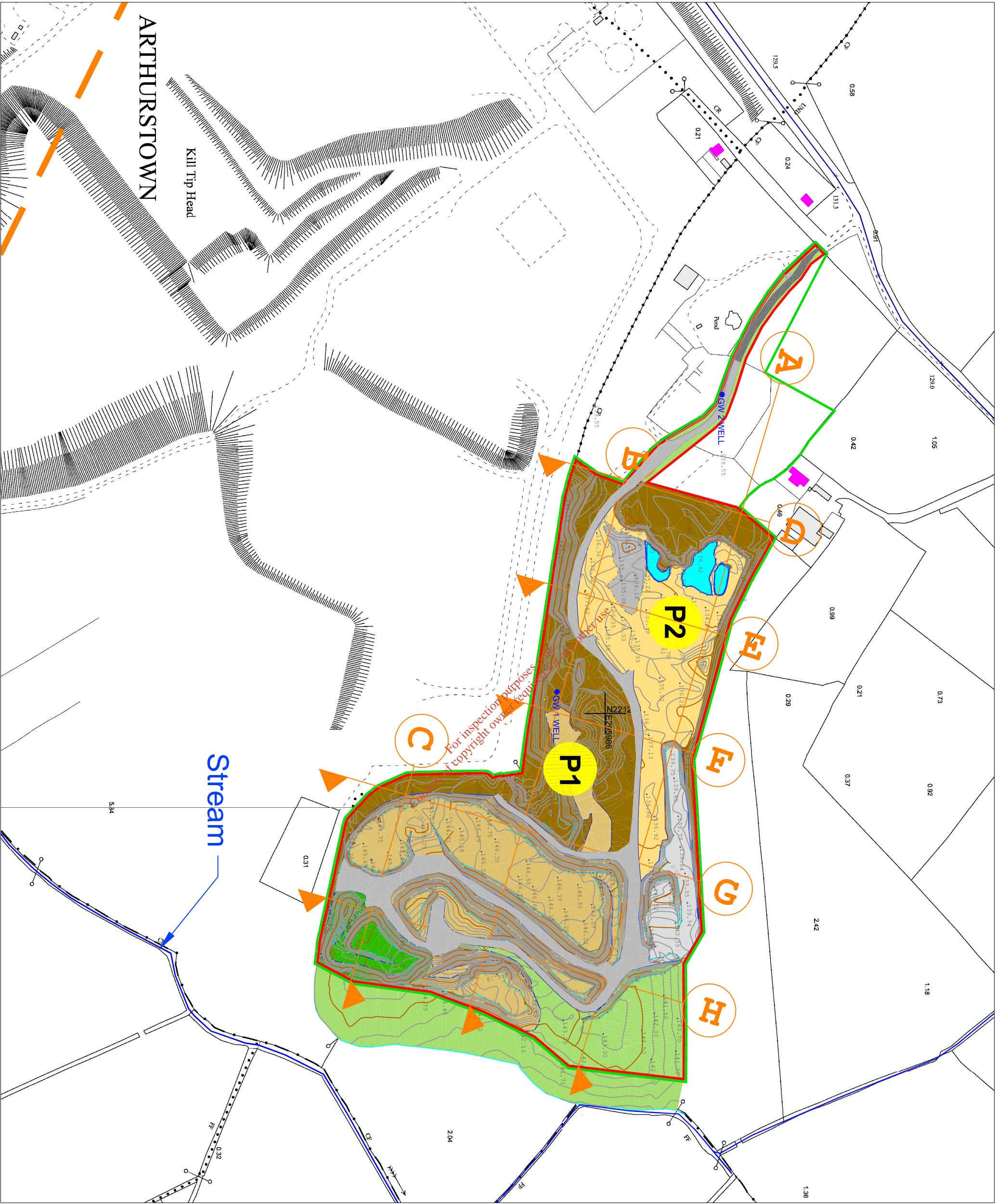
31 Ashloney Castle,
 Navan, Co. Meath.
 Phone/Fax: 046 9073997
 Mobile: John Sheils 0871 723 0087
 Email: john.sheils@jspe.ie

CLIENT
SAND & GRAVEL MERCHANTS LTD

DRAWING
OWNERSHIP PLAN

LOCATION
THORNBERRY TOWNLAND
Kill, Co. Kildare.

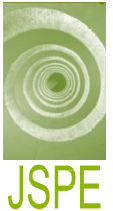
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Checked by	John Sheils	Job No.	JSPE 175
Date	20/01/09	Figure No.	B 1.1



- Application Area (c.10.0ha)
- Applicants Leasehold (c.11.4ha)
- Residences
- 500m from Site Boundary
- C & D Materials
- Active Pit Area
- Backfilling Area
- Restored Area
- Contours
- Spot Levels (mAOD)
- Sections
- Phasing
- Tarmacadam Surface
- GW 1 WELL Wells
- GW 2 WELL Wells

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Scale 1:3000



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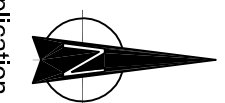
31 Ashlimesey Castle,
 Navarra, Co. Meath,
 Phone/Fax: 046 9073997
 Mobile: John Sheils 087 / 273 0087
 Email: johna.sheils@jspe.ie















CLIENT
SAND & GRAVEL MERCHANTS LTD

DRAWING
SITE PLAN

LOCATION
THORNBERRY TOWNLAND
Kill, Co. Kildare.

Drawn by	Diarmuid O'Sullivan	Scale	1 / 3000
Checked by	John Sheils	Job No.	JSP E 175
Date	20/01/09	Figure No.	B 2.1



-  Application Area (c. 10.0ha)
-  Leasehold Area (c. 11.4ha)
-  Residences
-  C & D Materials
-  Active Pit Area
-  Backfilling Area
-  Restored Area
-  Contours
-  Spot Levels (mAOD)
-  Traffic Out
-  Traffic In
-  Tarmacadam Surface
-  Phasing
-  GW 1 Well

Scale 1:1500



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 OS Sheets 3511 - A B C D 3510 - D
 NG Centre Point Coords X, Y = 295986 221275



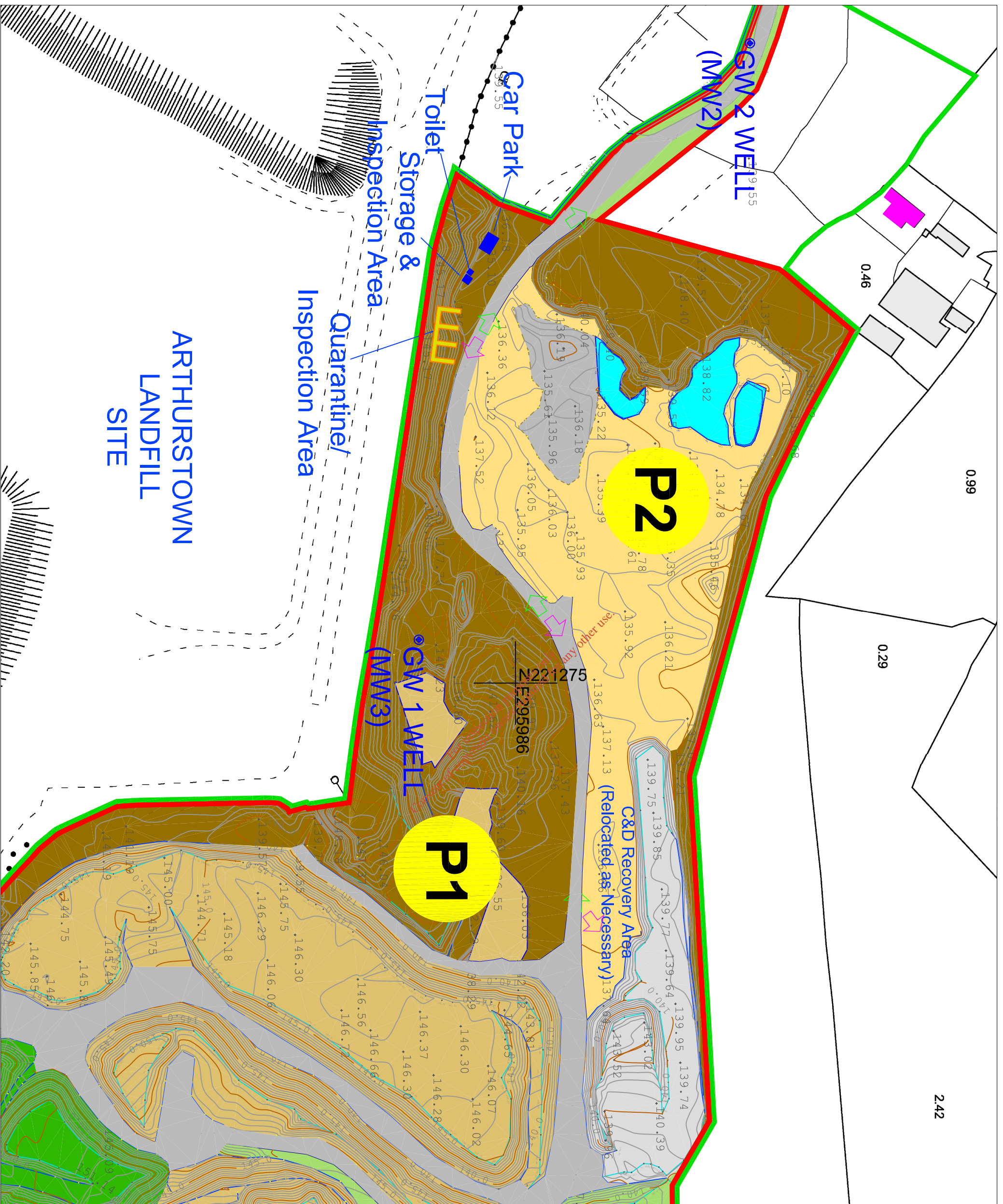
J SHEILS PLANNING & ENVIRONMENTAL LTD

CLIENT
SAND & GRAVEL MERCHANTS LTD

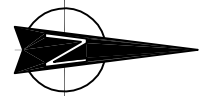
DRAWING
SITE INFRASTRUCTURE

LOCATION
THORNBERRY TOWNLAND
Kill, Co. Kildare.

Drawn by	Diarmuid O'Sullivan	Scale	1/1500
Checked by	John Sheils	Job No.	JSPE 175
Date	20/01/09	Figure No.	D 1.1



**ARTHURSTOWN
 LANDFILL
 SITE**



- Application Area (c. 10.0ha)
- Leasehold Area (c. 11.4ha)
- Residences
- 500m from Site Boundary
- C & D Materials
- Active Pit Area
- Backfilling Area
- Restored Area
- Contours
- Spot Levels (MAOD)
- Phasing
- ↑ Traffic Out
- ↓ Traffic In
- Tarmacadam Surface
- GW 1 Well
- GW 2 Well
- GW 3 Well

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 OS Sheets 3511 - A B C D 3510 - D
 NG Centre Point Coords X, Y = 295986 221275

Scale 1:3000

0m 40m 120m

J SHELLS PLANNING & ENVIRONMENTAL LTD

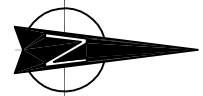
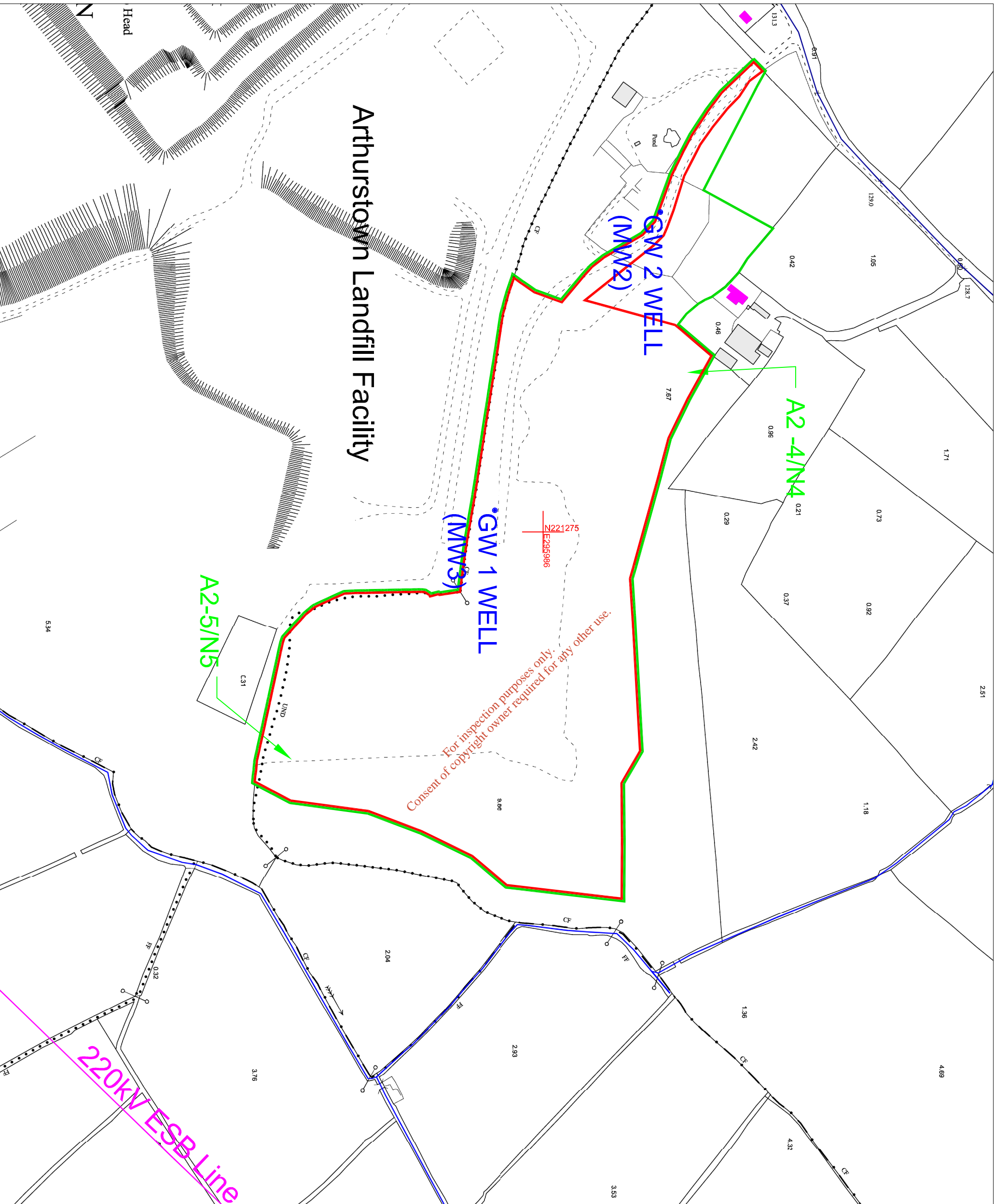
31 Ashlimesey Castle,
 Navan, Co. Meath,
 Phone/Fax: 046 9073997
 Mobile: John Shells 087 723 0087
 Email: john.shells@jshell.ie

CLIENT: SAND & GRAVEL MERCHANTS LTD

DRAWING: SITE INFRASTRUCTURE SURFACE WATER MANAGEMENT

LOCATION: THORNBERRY TOWNLAND, Kill, Co. Kildare.

Drawn by	Diarmuid O'Sullivan	Scale	1 / 3000
Checked by	John Shells	Job No.	JSP E 175
Date	20/01/09	Figure No.	D 1.2

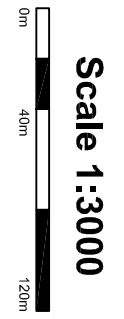


- Application Area (c.10.0ha)
- Leasehold Area (c.11.4ha)
- Residences

- GW1** Ground Water monitoring point
- A2-4** Dust monitoring point
- N1** Noise monitoring point

Monitoring Points National Grid Coordinates
 A2-4/ N3 = IG Coords E295854, N221394
 A2-5/N4 = IG Coords E296170, N221067
 GW1 = IG Coords E295968, N221235
 GW2 = IG Coords E295723, N221371

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 OS Sheets 3511 - A B C D 3510 - D
 NG Centre Point Coords X, Y = 295968 221275





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CLIENT
SAND & GARVEL MERCHANTS LTD

DRAWING
ENVIRONMENTAL MONITORING PLAN

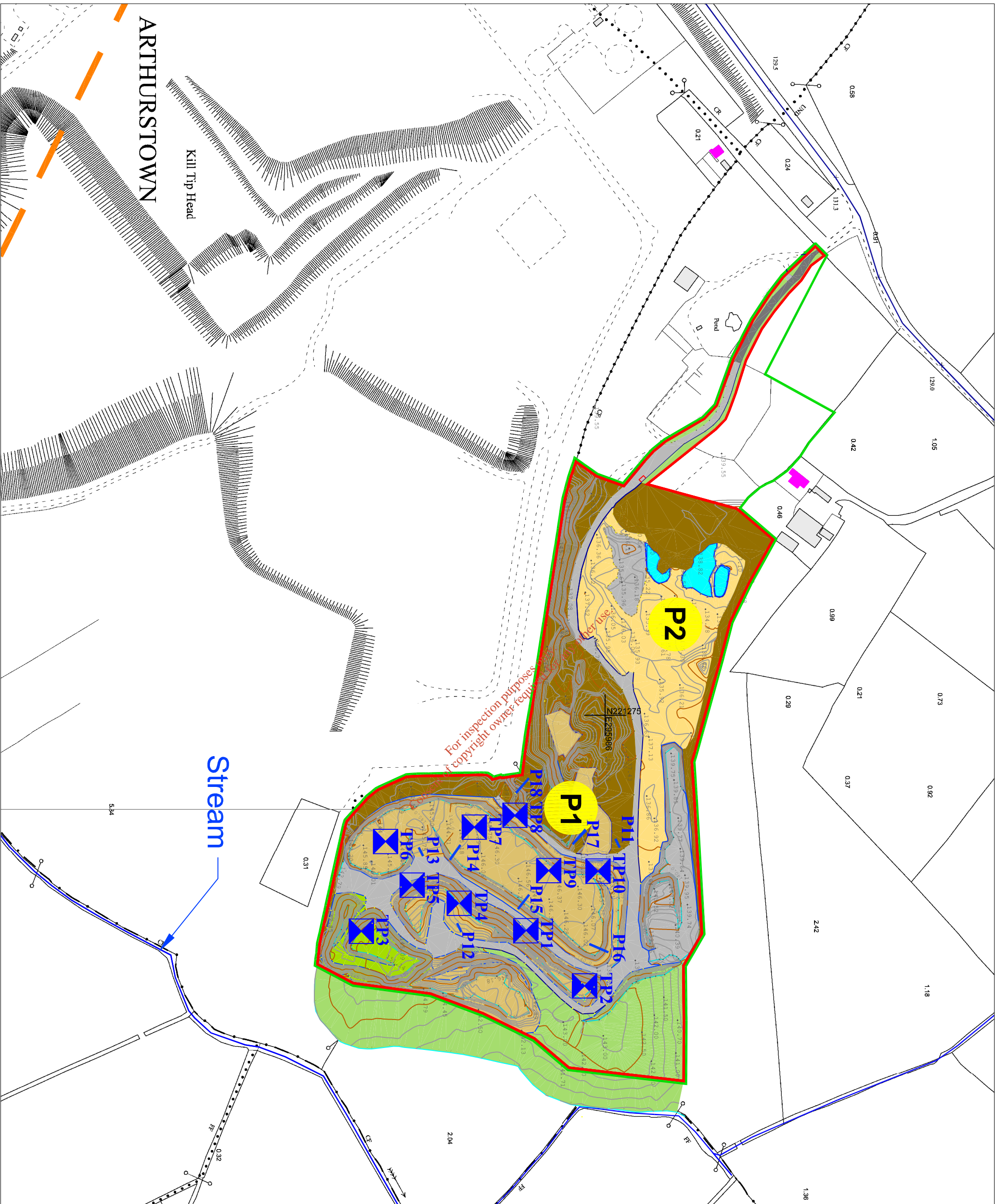
LOCATION
THORNBERY TOWNLAND
 Kill, Co. Kildare.

Drawn by Diarmuid O'Sullivan	Scale 1 / 3000
Checked by John Shells	Job No. JSPE 175
Date 20/01/09	Figure No. F 1.0

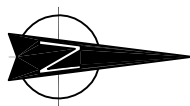
Arthurstown Landfill Facility

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- Application Area (c. 10.0ha)
- Leasehold Area (c. 11.4ha)
- Residences
- 500m from Site Boundary
- C & D Materials
- Active Pit Area
- Backfilling Area
- Restored Area
- Contours
- Spot Levels (mAOD)
- Trial Pits
- Profile
- Phasing



Scale 1:3000

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 OS Sheets 3511 - A B C D 3510 - D
 NG Centre Point Coords X, Y = 295986 221275


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 Email: john.shells@jspe.ie

CLIENT
SAND & GRAVEL MERCHANTS LTD
DRAWING
SOIL INVESTIGATION
LOCATION
THORNBERRY TOWNLAND
Kill, Co. Kildare.

Drawn by Diarmuid O'Sullivan	Scale 1 / 3000
Checked by John Shells	Job No. JSPE 175
Date 20/01/09	Figure No. 1 5.1

