



Notes:

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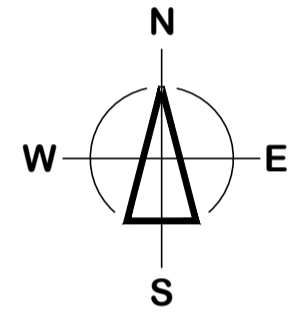
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- ▭ EXISTING PERMIT BOUNDARY
- ▭ OTHER LAND OWNED BY CRANSWICK

-	-	-
no	date	amendment description

Revisions

Drawing Status: **CONSTRUCTION**



Salgate Barn
Islington Road
Tilney All Saints
King's Lynn
Norfolk
PE34 4RY
Tel: 01553 617700
Fax: 01553 617874

www.trundle.com Email: enquiries@trundle.com

Project Title:
**CRANSWICK COUNTRY FOODS (NORFOLK)
BRANDON ROAD
WATTON
THETFORD
IP25 6LW**

NEW EFFLUENT TREATMENT PLANT

Drawing Title:
EXISTING EA PERMIT AREA PLAN

Scale: **1:2500 @ A2** Date: **NOVEMBER 2020** Drawn: **NPG**

Drawing Number: **19-L27-IP002** Revision:

Checked by: _____ Date: _____

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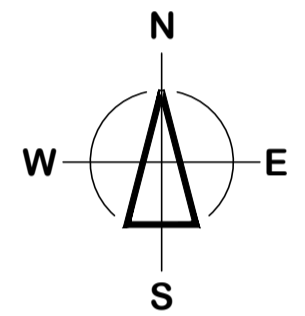
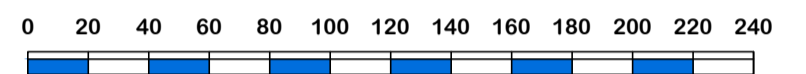
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1:2500 SCALE BAR (m)



- PROPOSED EXTENDED PERMIT AREA BOUNDARY
- OTHER LAND OWNED BY CRANSWICK

no	date	amendment description

Revisions

Drawing Status: **CONSTRUCTION**

Salgate Barn
Islington Road
Tilney All Saints
King's Lynn
Norfolk
PE34 4RY
Tel: 01553 617700
Fax: 01553 617874

www.trundley.com Email: enquiries@trundley.com

Project Title:
**CRANSWICK COUNTRY FOODS (NORFOLK)
BRANDON ROAD
WATTON
THETFORD
IP25 6LW**

NEW EFFLUENT TREATMENT PLANT

Drawing Title:
EXTENDED EA PERMIT AREA PLAN

Scale: **1:2500 @ A2** Date: **NOVEMBER 2020** Drawn: **NPG**

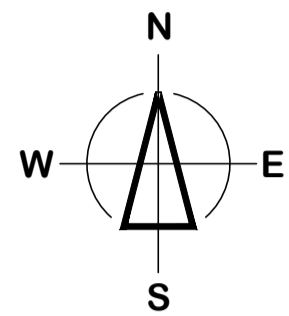
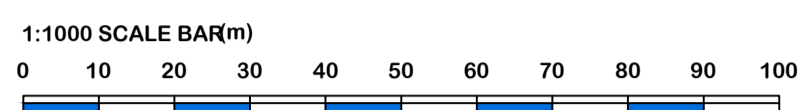
Drawing Number: **19-L27-IP003** Revision:

Checked by: _____ Date: _____

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— EXTENDED PERMIT AREA BOUNDARY
— OTHER LAND OWNED BY CRANSWICK

NO	DATE	REVISION DESCRIPTION

CONSTRUCTION

trundley
 DESIGN SERVICES
 www.trundley.com
 Salgate Barn
 Kings Lynn
 Norfolk
 PE33 4DY
 Tel: 01553 617700
 Fax: 01553 617874
 Email: enquiries@trundley.com

CRANSWICK COUNTRY FOODS (NORFOLK)
 BRANDON ROAD
 WATTON
 THETFORD
 IP25 6LW

NEW EFFLUENT TREATMENT PLANT
 EXTENDED EA PERMIT AREA BLOCK PLAN

Scale: 1:1000 @ A0
 Date: NOVEMBER 2020
 Drawn: NPG

19-L27-IP004

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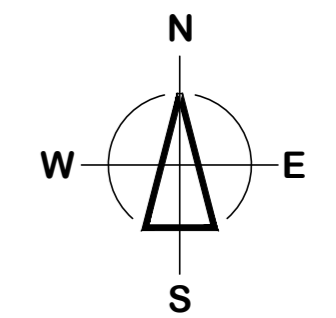
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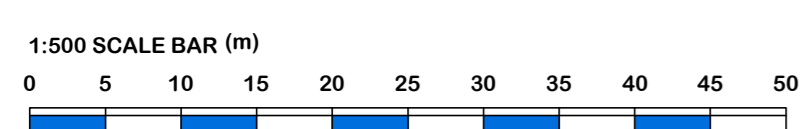
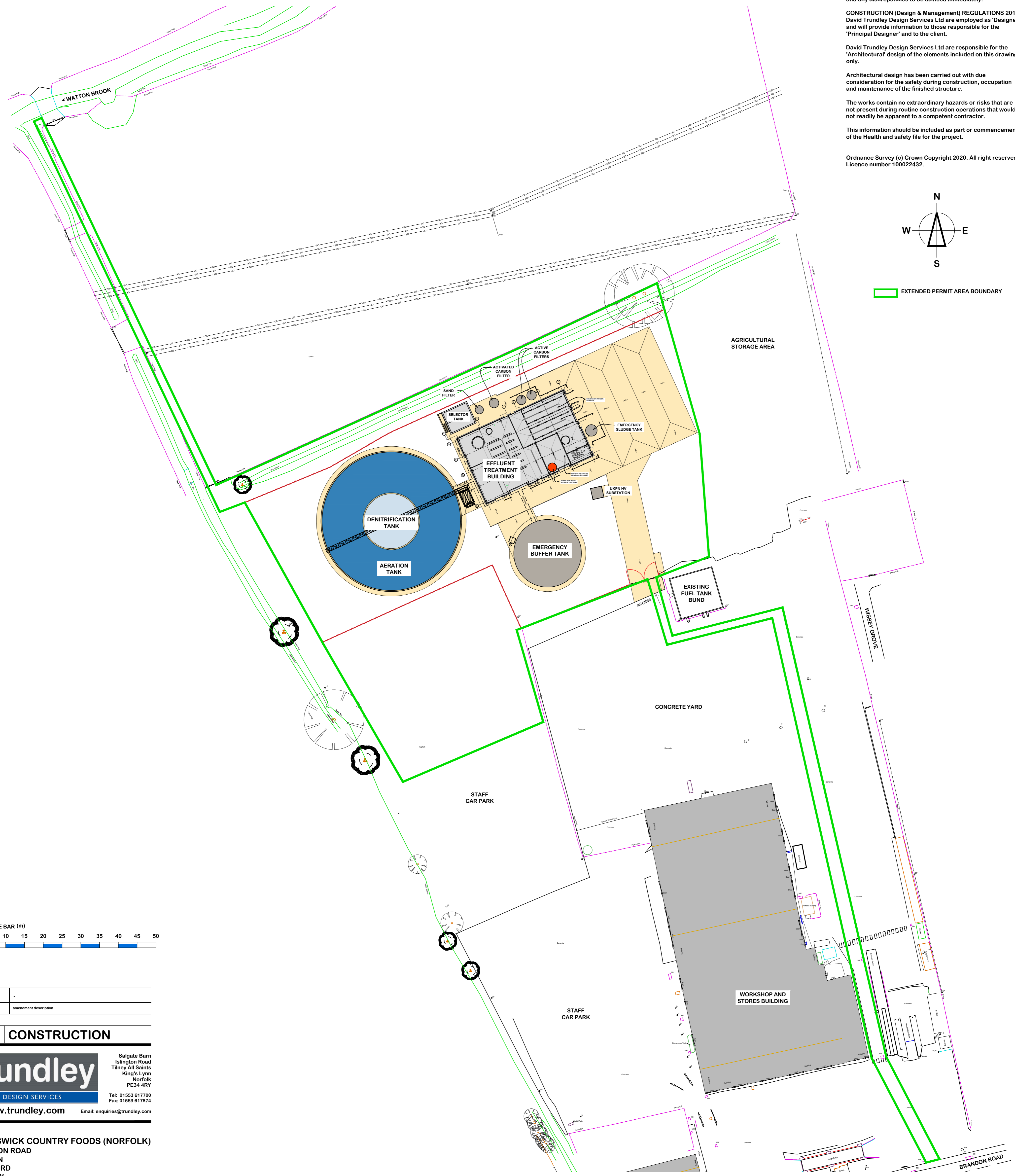
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EXTENDED PERMIT AREA BOUNDARY



no	date	amendment description

Drawing Status: **CONSTRUCTION**

trundley
DESIGN SERVICES
www.trundley.com

Salgate Barr
Islington Road
Tilney All Saints
King's Lynn
Norfolk
PE34 4RY
Tel: 01553 617700
Fax: 01553 617874
Email: enquiries@trundley.com

Project Title:
**GRANSWICK COUNTRY FOODS (NORFOLK)
BRANDON ROAD
WATTON
THETFORD
IP25 6LW**

NEW EFFLUENT TREATMENT PLANT

Drawing Title:
**EXTENDED EA PERMIT AREA PLAN
ACTIVITY AND MATERIALS STORAGE LOCATIONS**

Scale: 1:500 @ A1 Date: NOVEMBER 2020 Drawn: NPG

Drawing Number: **19-L27-IP005**

Checked by: Date:

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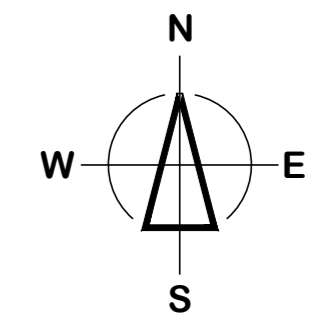
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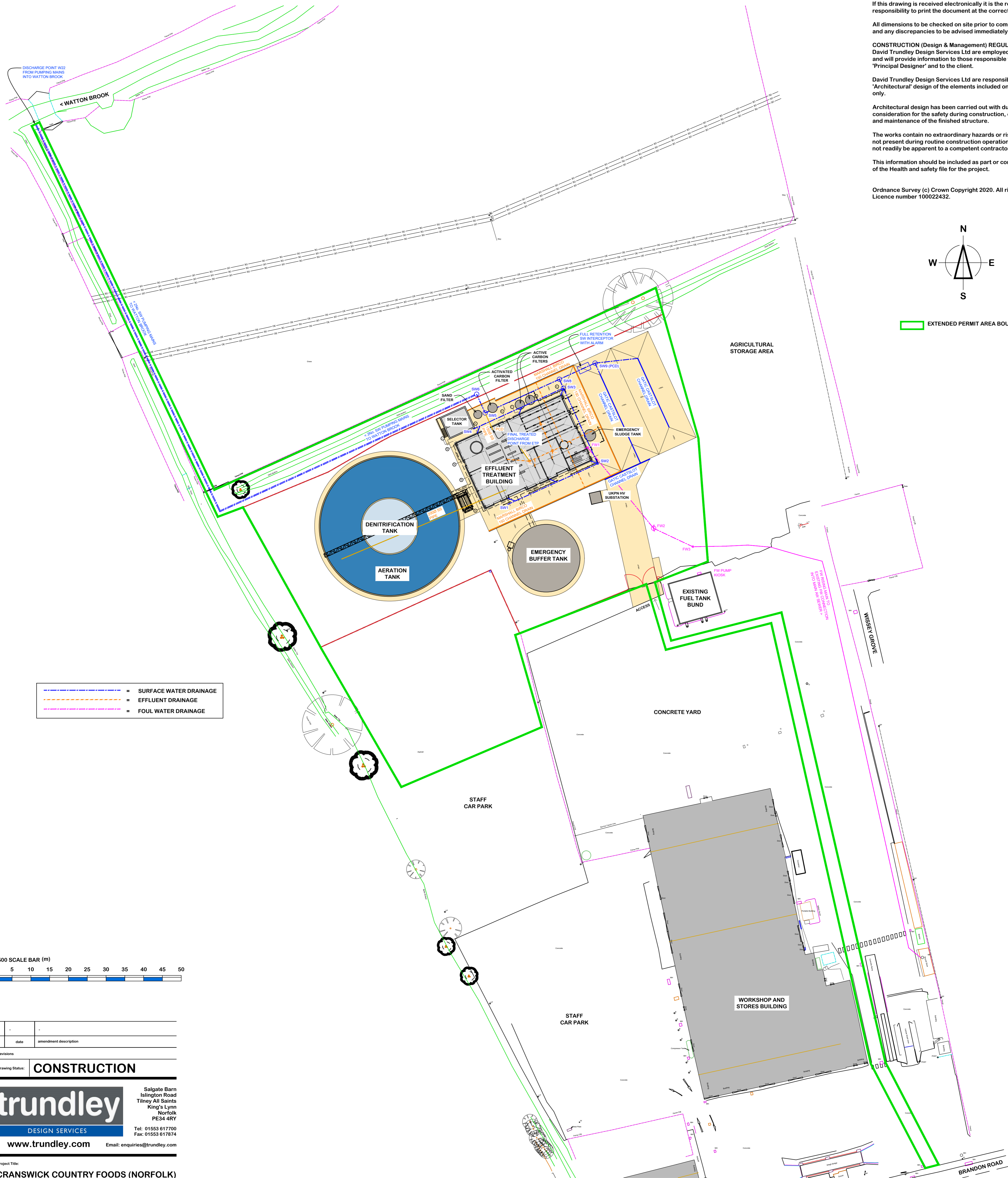
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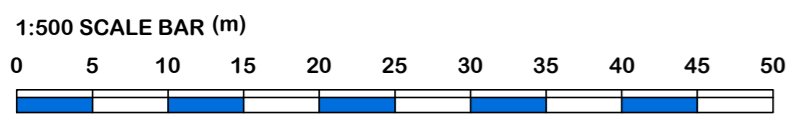
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EXTENDED PERMIT AREA BOUNDARY



- SURFACE WATER DRAINAGE
- EFFLUENT DRAINAGE
- FOUL WATER DRAINAGE



no	date	amendment description

Revisions

Drawing Status: **CONSTRUCTION**

trundley
DESIGN SERVICES
www.trundley.com

Salgate Barr
Islington Road
Tilney All Saints
King's Lynn
Norfolk
PE34 4RY
Tel: 01553 617700
Fax: 01553 617874
Email: enquiries@trundley.com

Project Title:
**GRANSWICK COUNTRY FOODS (NORFOLK)
BRANDON ROAD
WATTON
THETFORD
IP25 6LW**

NEW EFFLUENT TREATMENT PLANT

Drawing Title:
**EXTENDED EA PERMIT AREA PLAN
DRAINAGE PLAN AND DISCHARGE POINTS**

Scale: 1:500 @ A1 Date: NOVEMBER 2020 Drawn: NPG

Drawing Number: **19-L27-IP006**

Checked by: Date:

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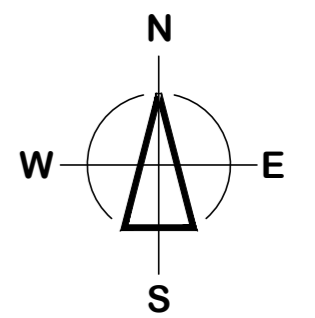
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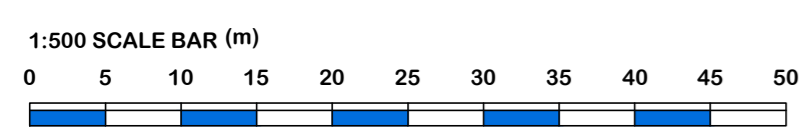
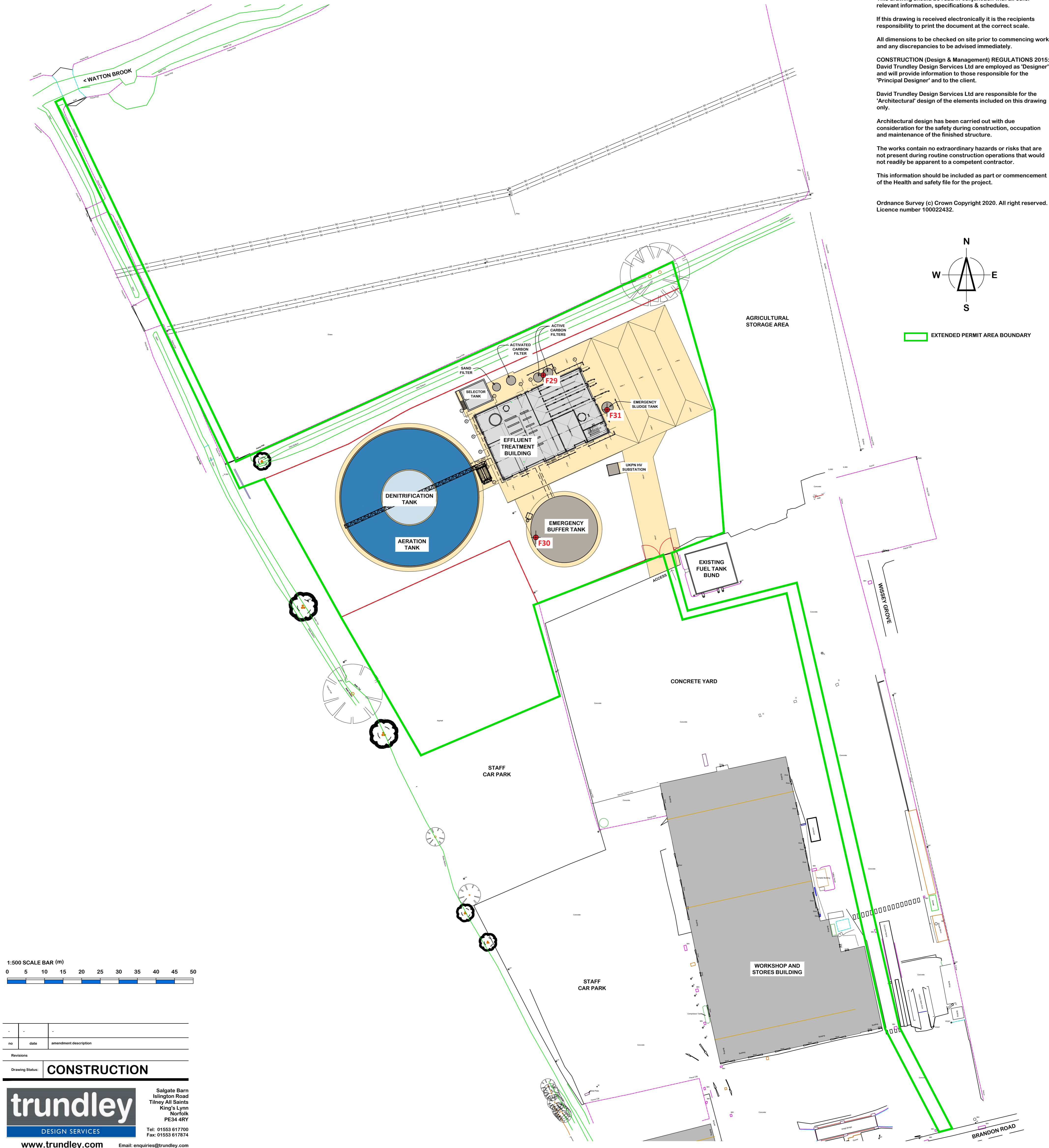
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EXTENDED PERMIT AREA BOUNDARY



no	date	amendment description
Revisions		

Drawing Status: **CONSTRUCTION**

trundley DESIGN SERVICES
 Salgate Barn
 Islington Road
 Tiney All Saints
 King's Lynn
 Norfolk
 PE34 4RY
 Tel: 01553 617700
 Fax: 01553 617874
 www.trundley.com Email: enquiries@trundley.com

Project Title:
**CRANSWICK COUNTRY FOODS (NORFOLK)
 BRANDON ROAD
 WATTON
 THETFORD
 IP25 6LW**

NEW EFFLUENT TREATMENT PLANT

Drawing Title:
**EXTENDED EA PERMIT AREA PLAN
 NEW POINT SOURCE EMISSIONS POINTS TO AIR**

Scale: 1:500 @ A1 Date: NOVEMBER 2020 Drawn: NPG

Drawing Number: **19-L27-IP007**

Checked by: _____ Date: _____

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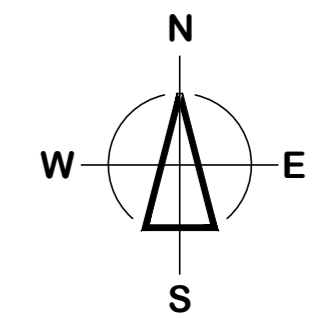
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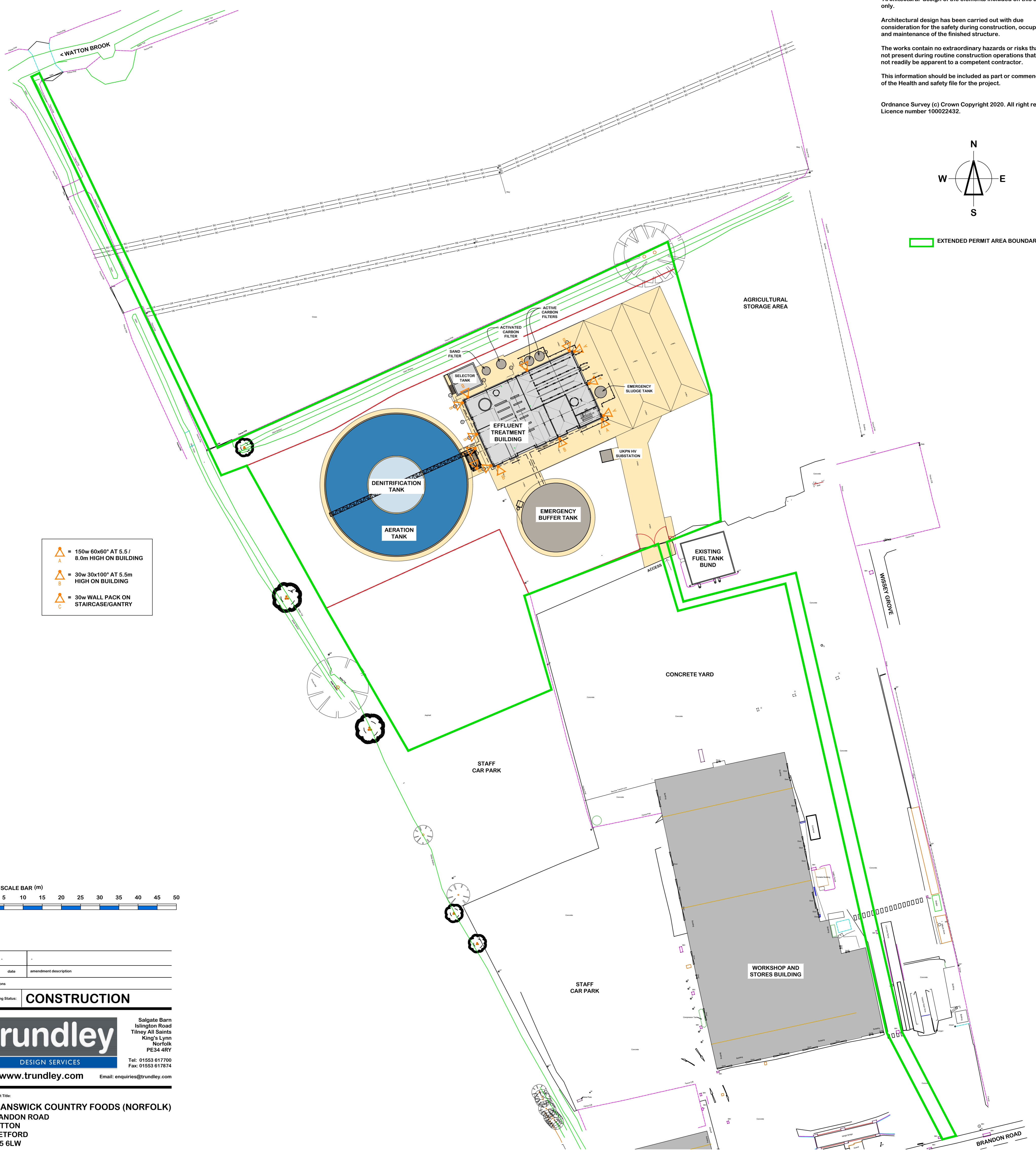
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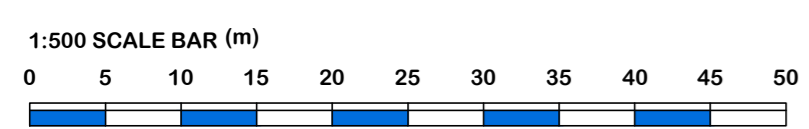
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EXTENDED PERMIT AREA BOUNDARY



- = 150w 60x60° AT 5.5 / 8.0m HIGH ON BUILDING
- = 30w 30x100° AT 5.5m HIGH ON BUILDING
- = 30w WALL PACK ON STAIRCASE/GANTRY



no	date	amendment description
Revisions		
Drawing Status: CONSTRUCTION		

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DESIGN SERVICES
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Islington Road
Tiney All Saints
King's Lynn
Norfolk
PE34 4RY
Tel: 01553 617700
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**CRANSWICK COUNTRY FOODS (NORFOLK)
BRANDON ROAD
WATTON
THETFORD
IP25 6LW**

Drawing Title:
**EXTENDED EA PERMIT AREA PLAN
EXTERNAL LIGHTING**

Scale: 1:500 @ A1
Date: NOVEMBER 2020
Drawn: NPG

Drawing Number:
19-L27-IP008

Checked by: _____ Date: _____

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C2.5a Site Plans

The following site plans are contained in this supporting document folder:

1. Site location maps reference SLM01
2. Site layout plan reference 19-L27-IP002 showing existing permitted area boundary.
3. Site layout plan reference 19-L27-IP003 showing permitted area boundary as it will be following determination of permit variation application.
4. Site layout plan reference 19-L27-IP004 showing main features of the extended site as a whole.
5. Site layout plan reference 19-L27-IP005 showing activity and materials storage locations (including any relevant hazardous substances and other materials) on the extended site.
6. Site layout plan reference 19-L27-IP006 showing site drainage networks for the ETP development site area including the route of the ETP discharge pipeline and the location of the ETP discharge outlet into Watton Brook, (W22).
7. Site layout plan reference WEPP showing drainage networks and discharge points to surface water from the existing permitted site.
8. Site layout plan reference 19-L27-IP007 showing new emission points to air (F29, F30 and F31) from the extended permitted site.
9. Site layout plan reference AEPP showing emission points to air from the existing permitted site.
10. Site layout plan reference 19-L27-IP008 showing external lighting scheme for the ETP development site.
11. Drawing showing ETP Influent & Effluent Lines General Arrangement Ref N20380-001-B-00P.
12. Drawing showing Influent Line Sections 1, 2 and 3 Ref N20380-002-B-00P.
13. Drawing showing Influent Line Sections 4 & 5, and Effluent Line Section 6 Ref N20380-003-B-00P.

14. Drawing showing Influent Line Ground Elevations Ref N20380-004-A-00P.

15. Drawing showing Effluent Line Ground Elevations Ref N20380-005-A-00P

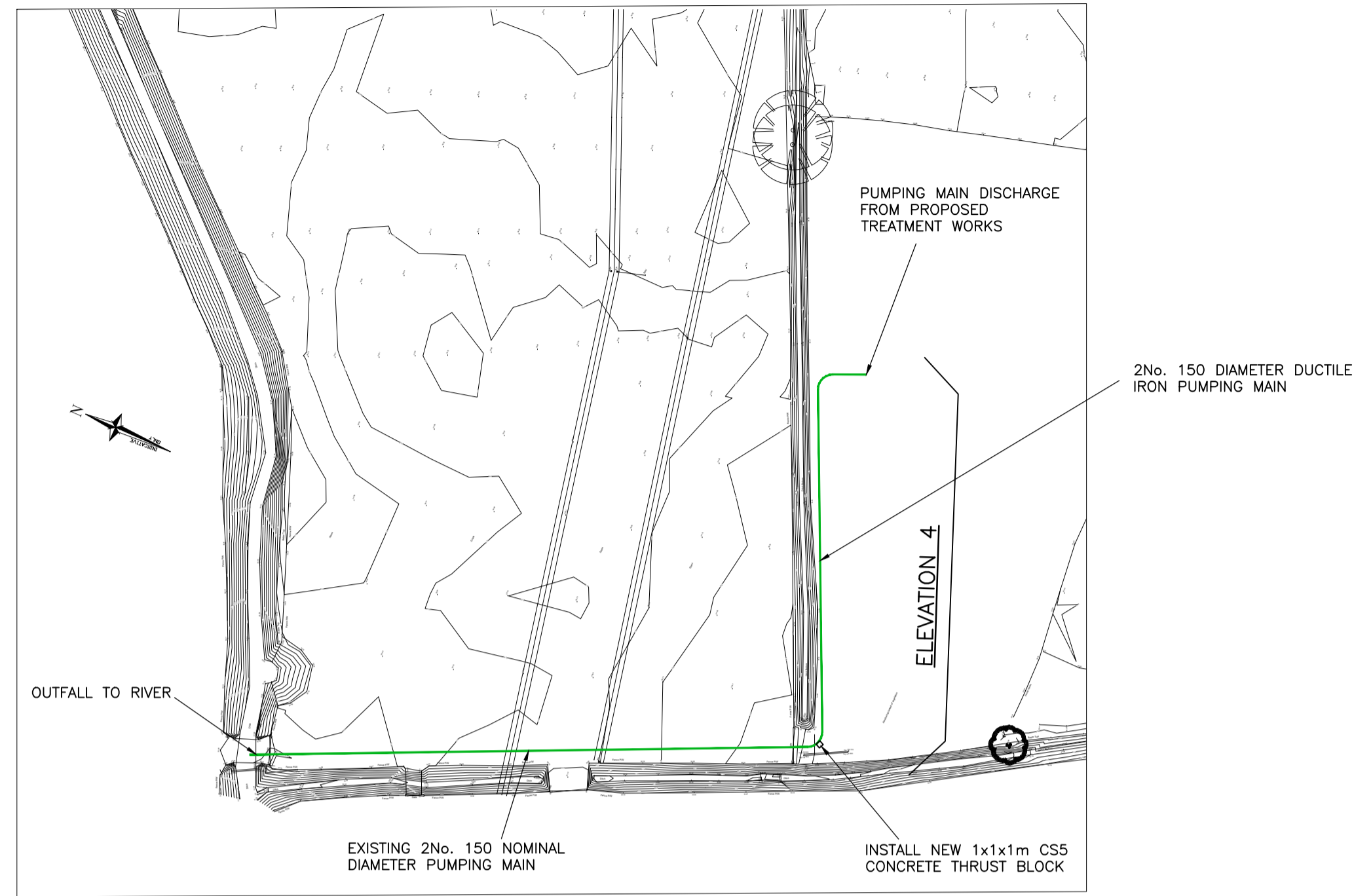
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2. ALL LEVELS SHOWN ARE IN METRES
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4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF SETTING-OUT ON SITE AND THE FABRICATION OF MATERIALS
5. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS, BRITISH STANDARDS & CODES OF PRACTICE
6. THE CONTRACTOR IS TO ESTABLISH THE LOCATION OF ALL EXISTING SERVICES AND INFORM THE SUPERVISING OFFICER PRIOR OF COMMENCING ANY BUILDING ACTIVITIES
7. THE CONTRACTOR MUST ASSUME THAT ANY EXISTING UNEXPECTED CABLES AND/OR OTHER SERVICES FOUND WITHIN THE WORKING ZONE ARE LIVE AND MUST SEEK IMMEDIATE ADVICE FROM THE ENGINEER BEFORE PROCEEDING.

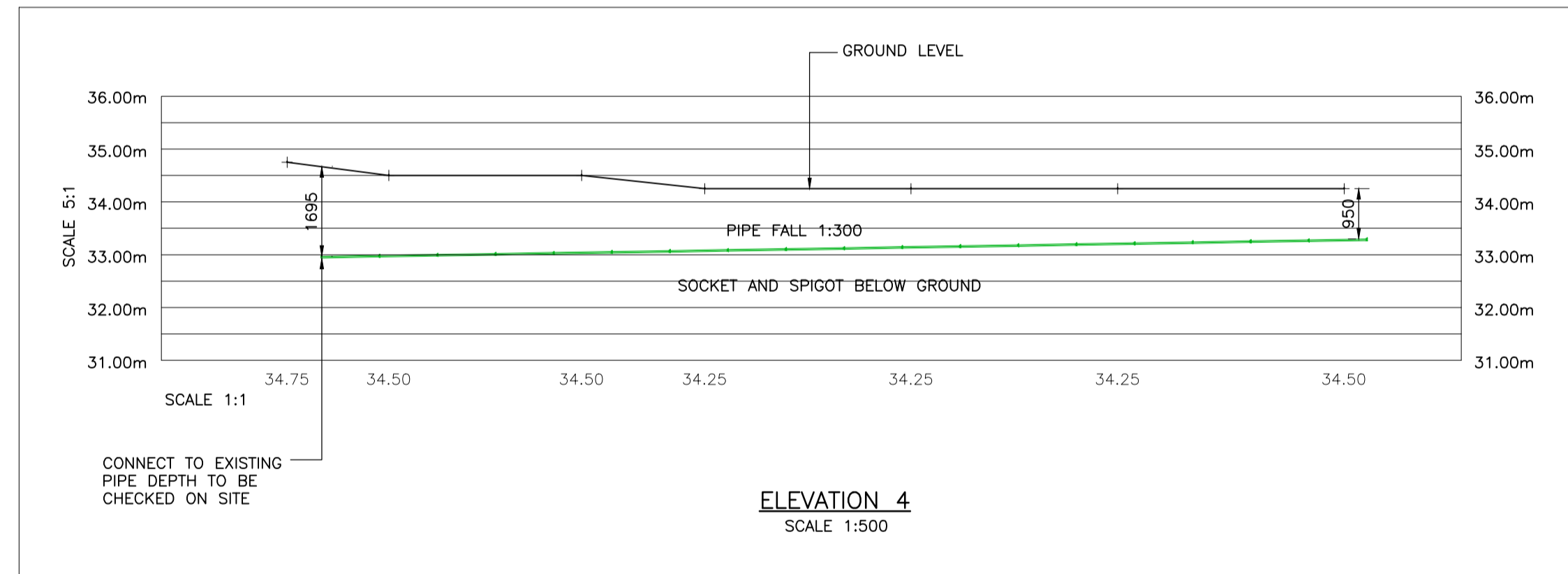
PRELIMINARY
NOT FOR CONSTRUCTION

REFER TO DRAWINGS:

- N20380-001-SITE PLAN GA
- N20380-002-SECTIONS 1, 2 & 3 PUMPING MAIN GA
- N20380-003-SECTIONS 4, 5 & 6 PUMPING MAIN GA
- N20380-004-GROUND ELEVATIONS PUMPING MAIN
- N20380-005-GROUND ELEVATIONS DISCHARGE MAIN



SITE PLAN
SCALE 1:1000



A	FIRST ISSUE	MJ 27/11/20
ISSUE LETTER	ISSUE	INITIAL & DATE

CLIENT **trundley**
DESIGN | CONSTRUCTION | NEW HOMES

PROJECT TITLE
**CRANSWICK WATTON
NEW EFFLUENT DISPOSAL
ARRANGEMENT**

DRAWING TITLE
**SITE PLAN
GROUND ELEVATION
DISCHARGE MAIN**

Robert Stone Associates
CONSULTING CIVIL & STRUCTURAL ENGINEERS
Eleven Mile Lane
Suton, Wymondham
Norfolk NR18 9JL
Tel: (01953) 601800
Fax: (01953) 601594
Email: mail@rstoneassociates.co.uk
Web: www.rstoneassociates.co.uk



Drawn by MJ	Date 25-11-20
Checked by RS	Date 27-11-20



Scale
AS STATED

Format
A1

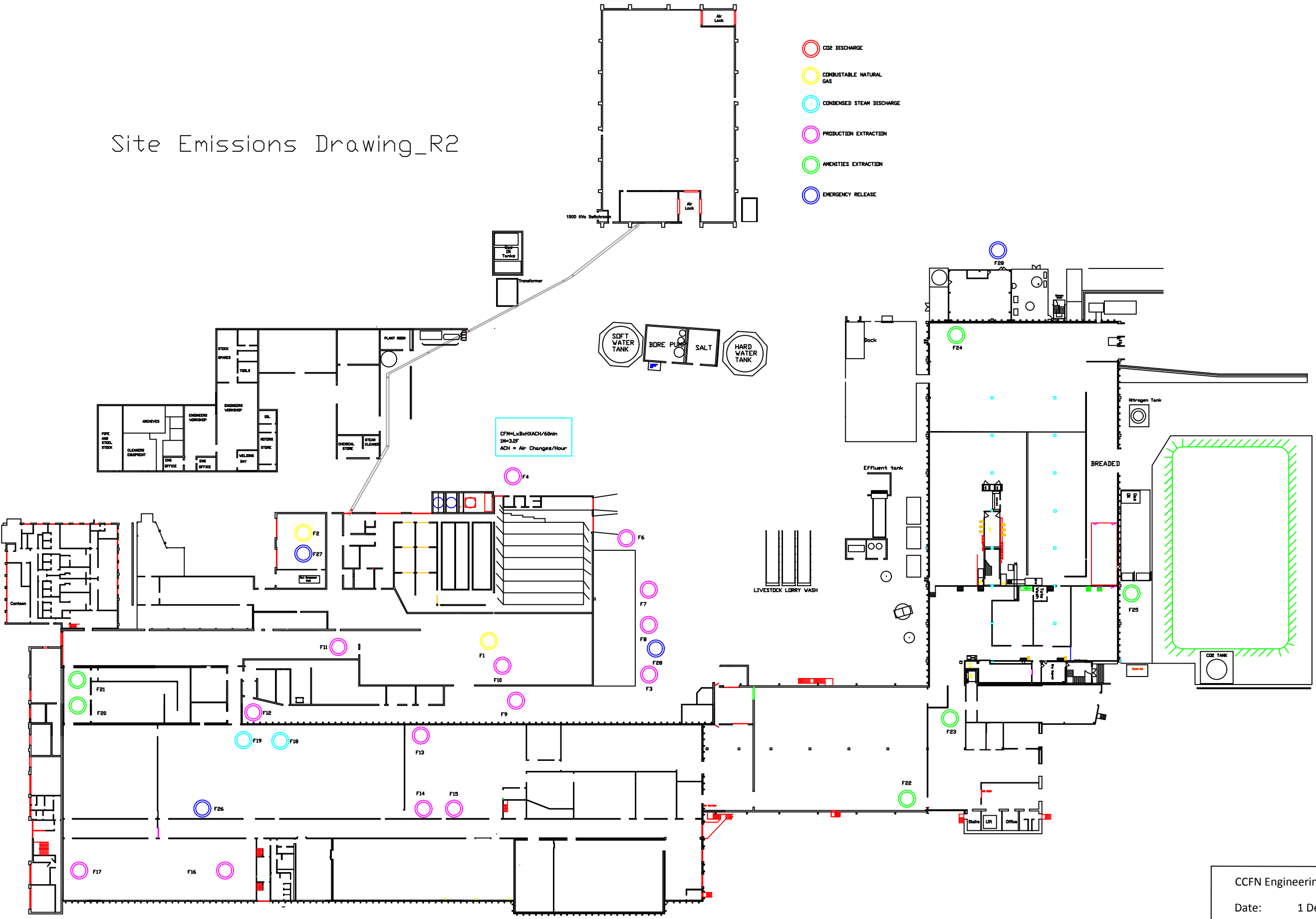
CAD Version
AutoCAD 2019

WARNING: This drawing may have been resized

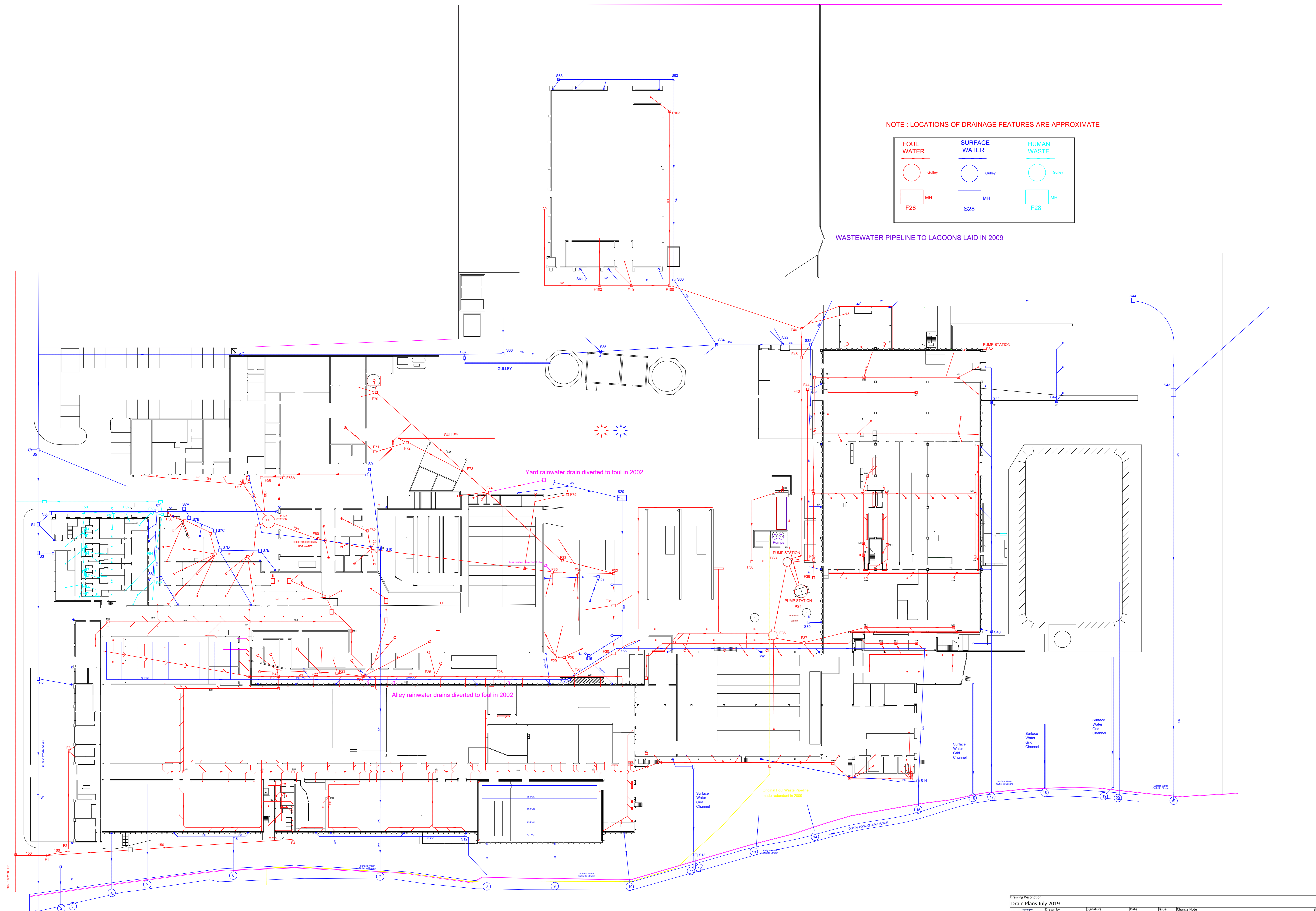
Drawing No	Issue	Status
N20380 / 005 / A		P

Site Emissions Drawing_R2

- CO2 DISCHARGE
- COMBUSTIBLE NATURAL GAS
- CONDENSED STEAM DISCHARGE
- PRODUCTION EXTRACTION
- AMENITIES EXTRACTION
- EMERGENCY RELEASE



CCFN Engineering Dept
 Date: 1 Dec. 2017
 Dwg No: CCFN_EA_11016_4
 Title: Site Emission Plan
 Dawn By: A.B.Hall Rev: A
 Scale: NTS



NOTE : LOCATIONS OF DRAINAGE FEATURES ARE APPROXIMATE

FOUL WATER	SURFACE WATER	HUMAN WASTE
Gully	Gully	Gully
MH	MH	MH
F28	S28	F28

WASTEWATER PIPELINE TO LAGOONS LAID IN 2009

Yard rainwater drain diverted to foul in 2002

Alley rainwater drains diverted to foul in 2002

Original Foul Waste Pipeline made redundant in 2009

DITCH TO WATTON BROOK

Surface Water Grid Channel

Surface Water Grid Channel

Surface Water Grid Channel

Drawing Description		Date		Issue		Change Note		Sheet	
Drain Plans July 2019		Feb 2020		A		New change detail		A0	
CRANSWICK		Drawn by		Signature		Checked by		Scale	
Cranwick Country Foods		J Murton		J Murton		A0			
Approved by		Signature		File Name		2019.02 Site Drain plan REV2_A1.dwg			
Andy Hall									



NOTES

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PRELIMINARY
NOT FOR CONSTRUCTION

- EXISTING EFFLUENT PUMPING MAIN
- NEW EFFLUENT PUMPING MAIN
- DISCHARGE PIPELINE

REFER TO DRAWINGS:
 N20380-001-SITE PLAN GA
 N20380-002-SECTIONS 1, 2 & 3 PUMPING MAIN GA
 N20380-003-SECTIONS 4, 5 & 6 PUMPING MAIN GA
 N20380-004-GROUND ELEVATIONS PUMPING MAIN
 N20380-005-GROUND ELEVATIONS DISCHARGE MAIN

B	SECTIONS REVISED	MJ
A	FIRST ISSUE	MJ
ISSUE LETTER	ISSUE	INITIAL & DATE

CLIENT
trundley
DESIGN | CONSTRUCTION | NEW HOMES

PROJECT TITLE
**CRANSWICK WATTON
 NEW EFFLUENT DISPOSAL
 ARRANGEMENT**

DRAWING TITLE
**SITE PLAN
 GENERAL ARRANGEMENT**

Robert Stone Associates
CONSULTING CIVIL & STRUCTURAL ENGINEERS

Eleven Mile Lane
 Sutton, Wymondham
 Norfolk NR18 9JL

Tel: (01953) 601800
 Fax: (01953) 601594
 Email: mail@rstoneassociates.co.uk
 Web: www.rstoneassociates.co.uk

R
S
A

Drawn by MJ	Date 05-11-20
Checked by RS	Date 27-11-20

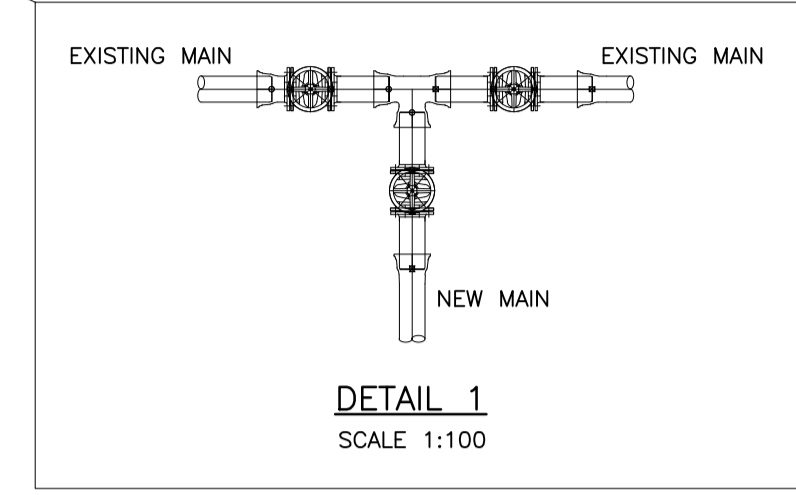
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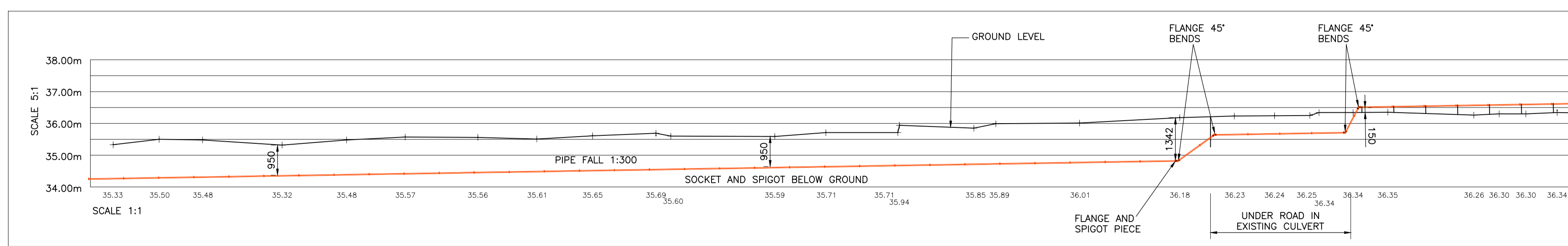
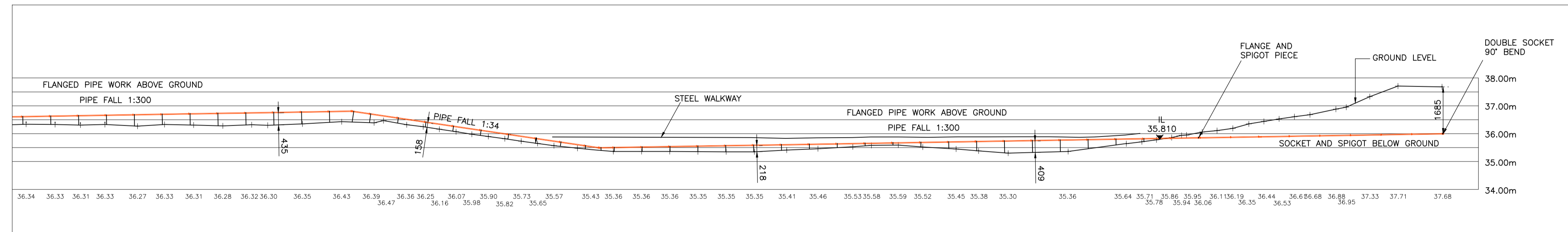
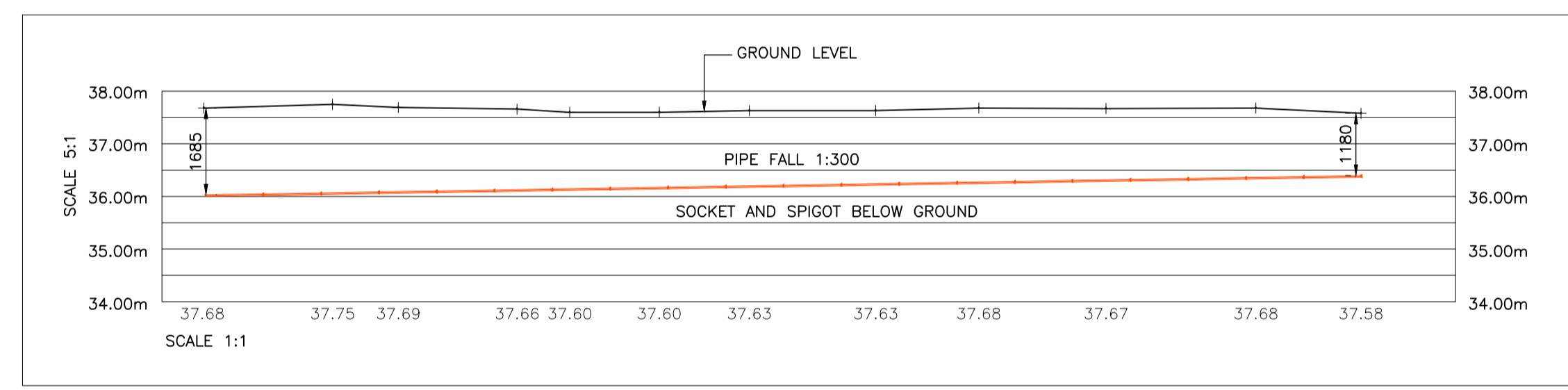
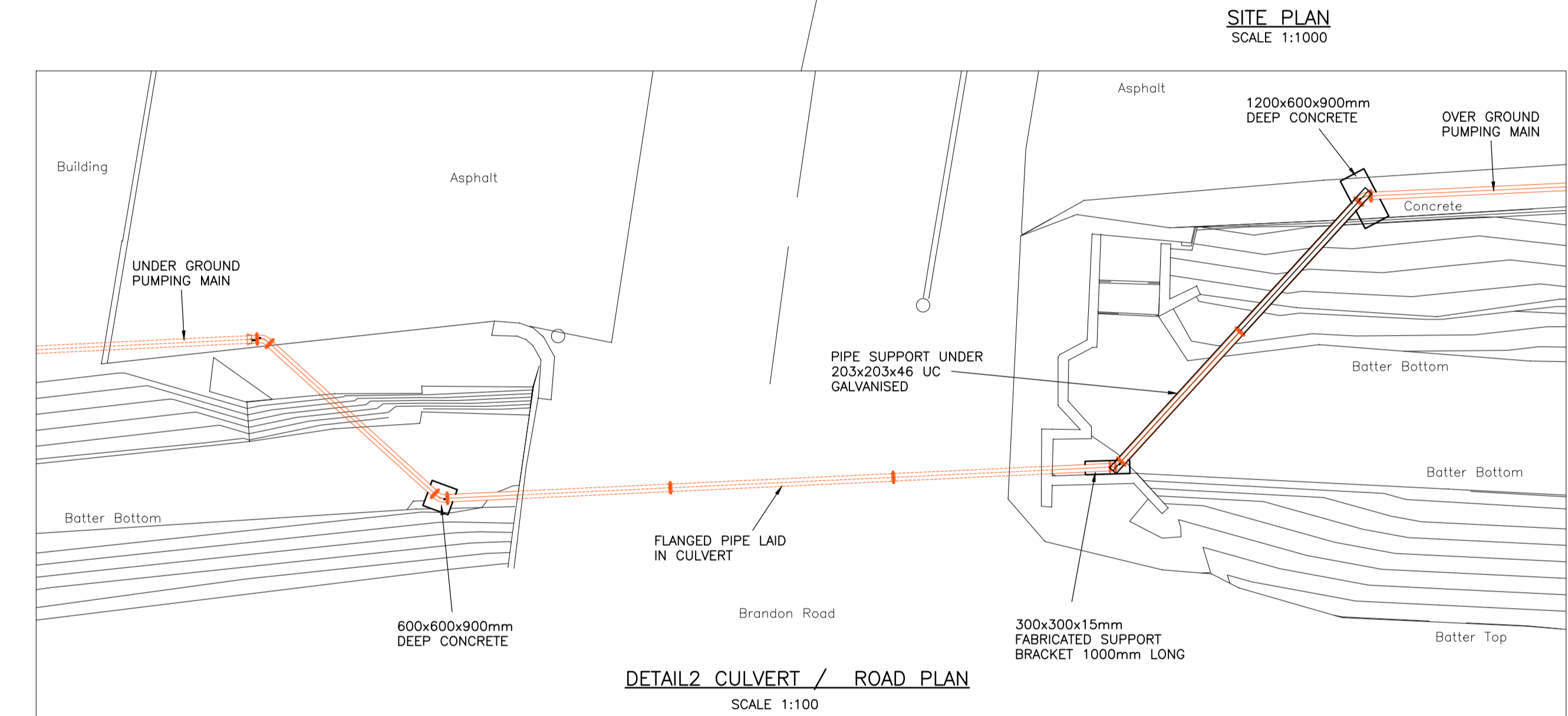
WARNING: This drawing may have been resized

Drawing No N20380	Issue /001 /	Status B P
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- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
 2. ALL LEVELS SHOWN ARE IN METRES
 3. DO NOT SCALE OFF THE DRAWINGS. TAKE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE TO BE CHECKED & VERIFIED ON SITE PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES REPORTED IMMEDIATELY TO THE PROJECT ENGINEER BEFORE PROCEEDING
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF SETTING-OUT ON SITE AND THE FABRICATION OF MATERIALS
 5. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS, BRITISH STANDARDS & CODES OF PRACTICE
 6. THE CONTRACTOR IS TO ESTABLISH THE LOCATION OF ALL EXISTING SERVICES AND INFORM THE SUPERVISING OFFICER PRIOR OF COMMENCING ANY BUILDING ACTIVITIES
 7. THE CONTRACTOR MUST ASSUME THAT ANY EXISTING UNEXPECTED CABLES AND/OR OTHER SERVICES FOUND WITHIN THE WORKING ZONE ARE LIVE AND MUST SEEK IMMEDIATE ADVICE FROM THE ENGINEER BEFORE PROCEEDING.

PRELIMINARY
NOT FOR CONSTRUCTION



REFER TO DRAWINGS:
 N20380-001-SITE PLAN GA
 N20380-002-SECTIONS 1, 2 & 3 PUMPING MAIN GA
 N20380-003-SECTIONS 4, 5 & 6 PUMPING MAIN GA
 N20380-004-GROUND ELEVATIONS PUMPING MAIN
 N20380-005-GROUND ELEVATIONS DISCHARGE MAIN

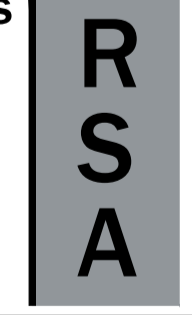
A	FIRST ISSUE	MJ 27/11/20
ISSUE LETTER	ISSUE	INITIAL & DATE



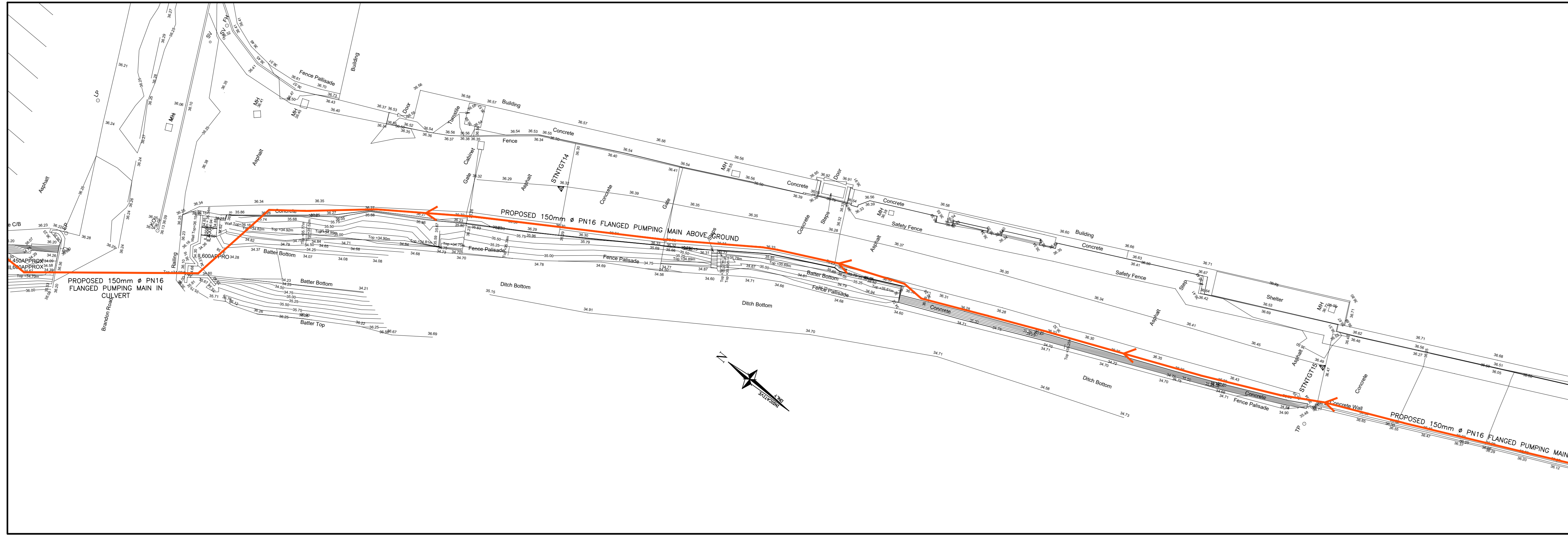
PROJECT TITLE
**CRANSWICK WATTON
 NEW EFFLUENT DISPOSAL
 ARRANGEMENT**

DRAWING TITLE
**SITE PLAN
 GROUND ELEVATION
 PUMPING MAIN**

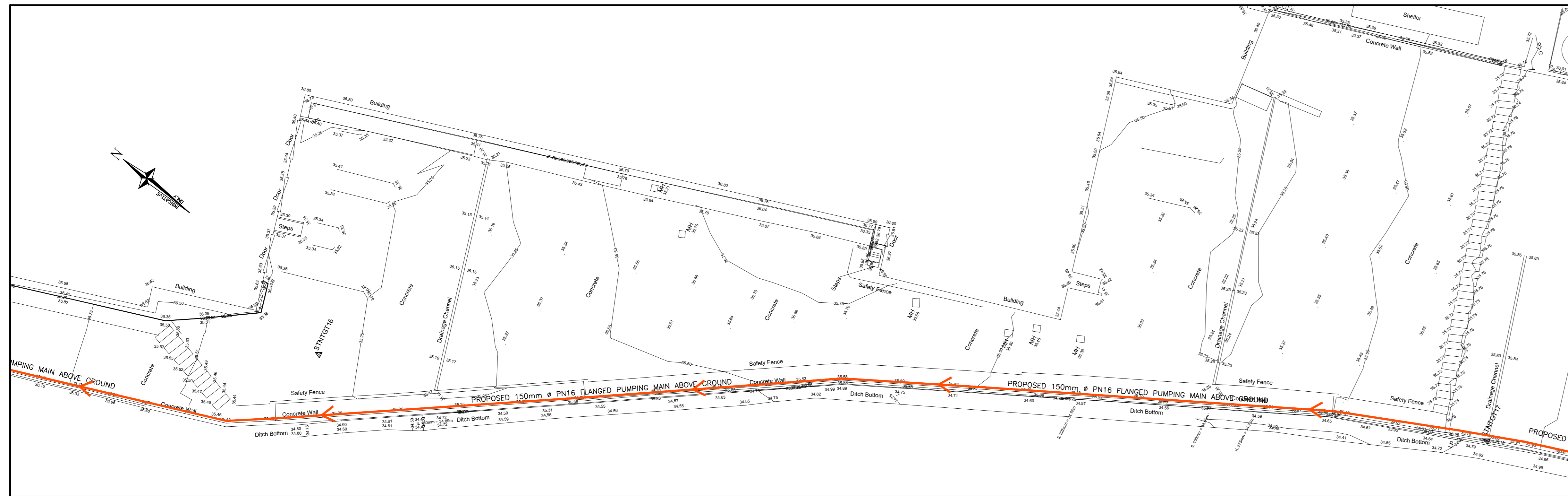
Robert Stone Associates
 CONSULTING CIVIL & STRUCTURAL ENGINEERS
 Eleven Mile Lane
 Sutton, Wymondham
 Norfolk NR18 9JL
 Tel: (01953) 601800
 Fax: (01953) 601594
 Email: mail@rstoneassociates.co.uk
 Web: www.rstoneassociates.co.uk



Drawn by MJ	Date 12-11-20	
Checked by RS	Date 27-11-20	
Scale AS STATED	Format A1	
	CAD Version AutoCAD 2019	
<small>WARNING: This drawing may have been resized</small> <small>Drawing Status</small> P-PRELIMINARY, I-INFORMATION, A-APPROVAL, T-TENDER, C-CONSTRUCTION, R-RECORD Drawing No N20380 / 004 / A		
Status P		



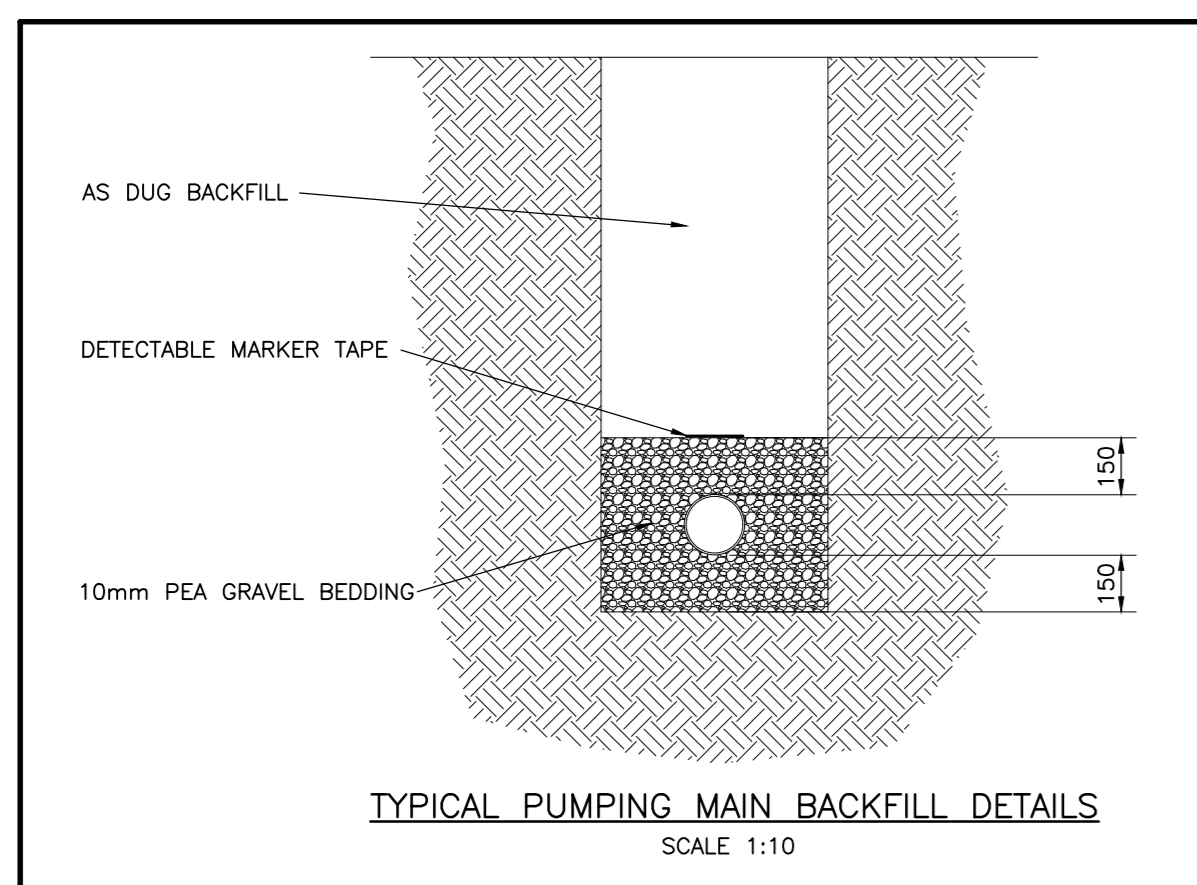
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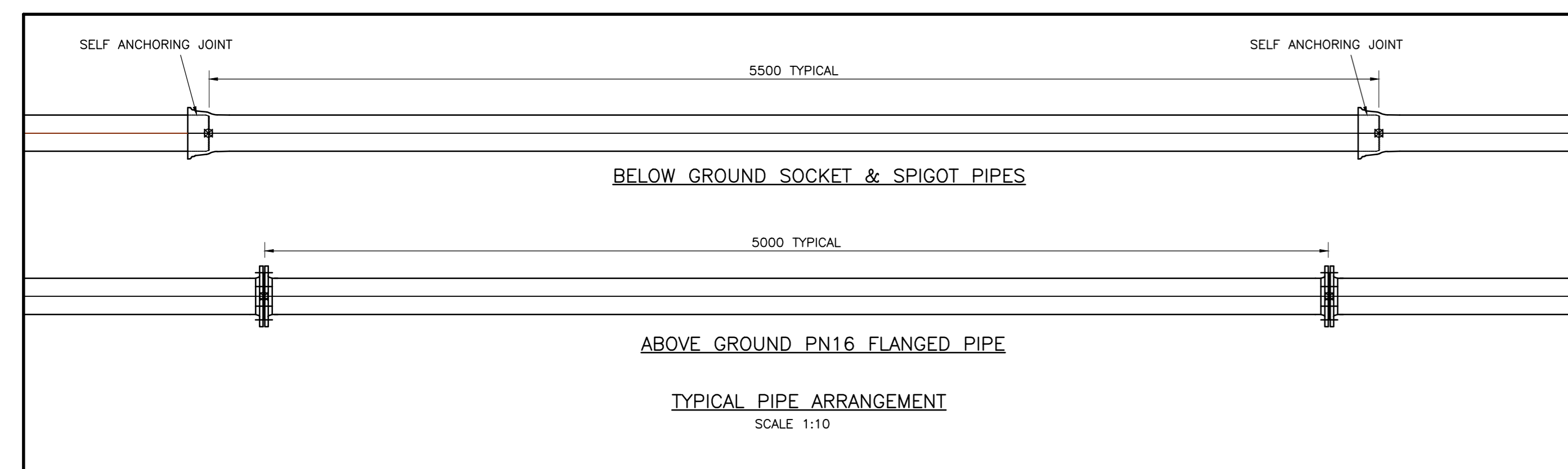
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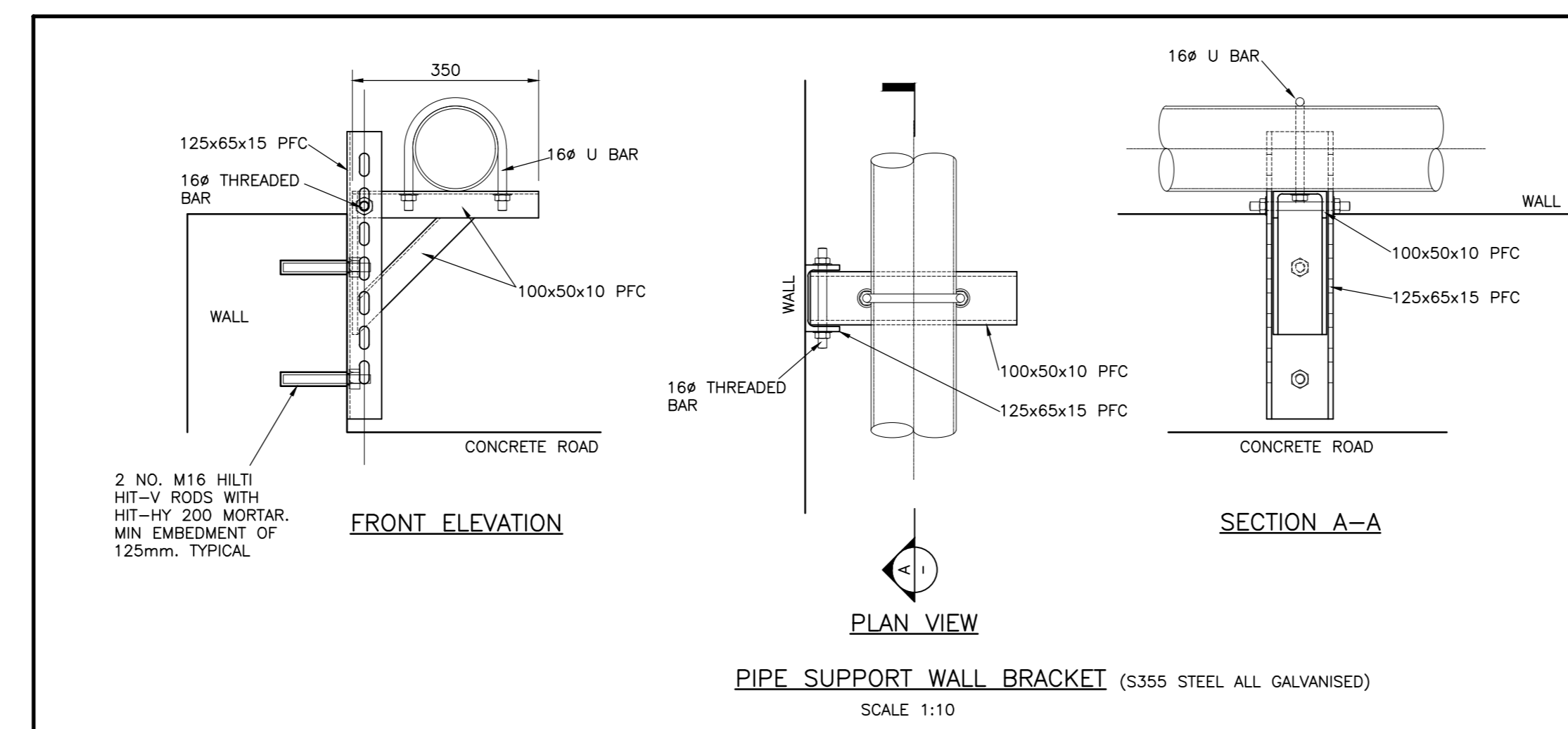
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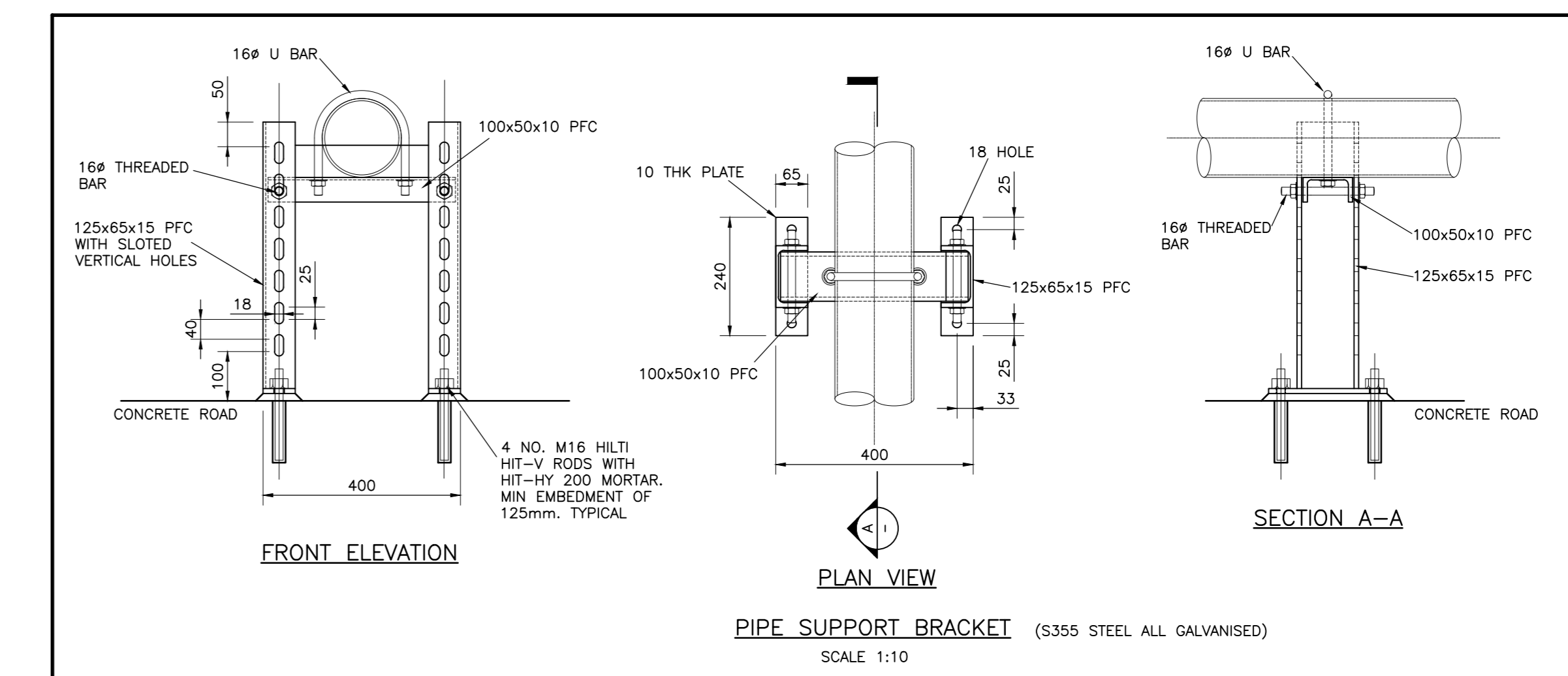
TYPICAL PUMPING MAIN BACKFILL DETAILS
SCALE 1:10



TYPICAL PIPE ARRANGEMENT
SCALE 1:10



PIPE SUPPORT WALL BRACKET (S355 STEEL ALL GALVANISED)
SCALE 1:10



PIPE SUPPORT BRACKET (S355 STEEL ALL GALVANISED)
SCALE 1:10

- NOTES**
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**PRELIMINARY
NOT FOR CONSTRUCTION**

- EXISTING EFFLUENT PUMPING MAIN
- NEW EFFLUENT PUMPING MAIN
- DISCHARGE PUMPINGLINE

REFER TO DRAWINGS:
 N20380-001-SITE PLAN GA
 N20380-002-SECTIONS 1, 2 & 3 PUMPING MAIN GA
 N20380-003-SECTIONS 4, 5 & 6 PUMPING MAIN GA
 N20380-004-GROUND ELEVATIONS PUMPING MAIN
 N20380-005-GROUND ELEVATIONS DISCHARGE MAIN

B	SECTIONS REVISED	MJ	27/11/20
A	FIRST ISSUE	MJ	09/11/20
ISSUE LETTER	ISSUE	INITIAL & DATE	

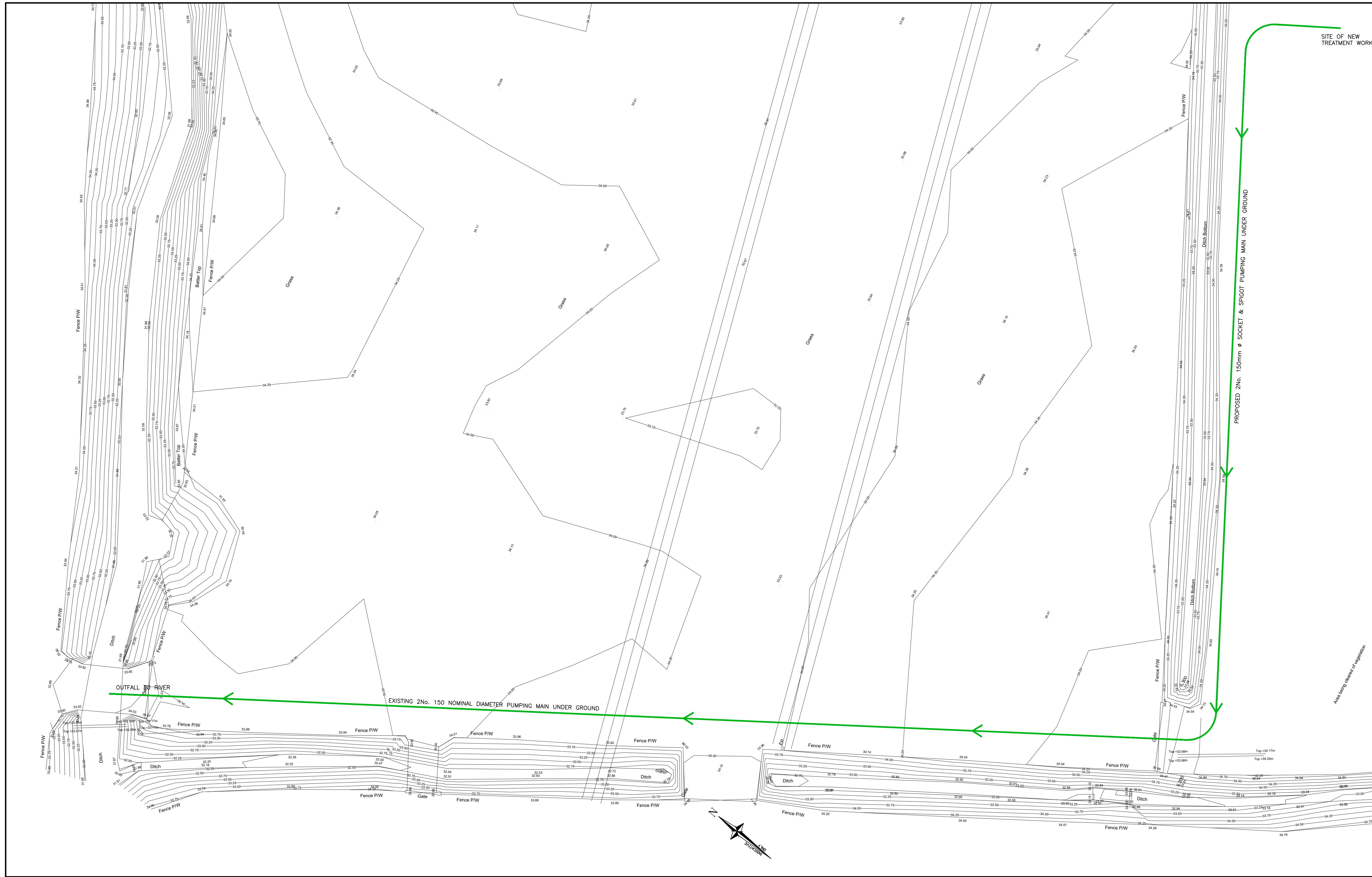
trundley
 DESIGN | CONSTRUCTION | NEW HOMES

**CRANSWICK, WATTON
 NEW EFFLUENT DISPOSAL
 ARRANGEMENT**

Robert Stone Associates
 CONSULTING CIVIL & STRUCTURAL ENGINEERS
 Eleven Mile Lane
 Sutton, Wymondham
 Norfolk NR18 9YL
 Tel: (01953) 401800
 Fax: (01953) 401594
 Email: mail@stoneassociates.co.uk
 Web: www.stoneassociates.co.uk

**RS
 A**

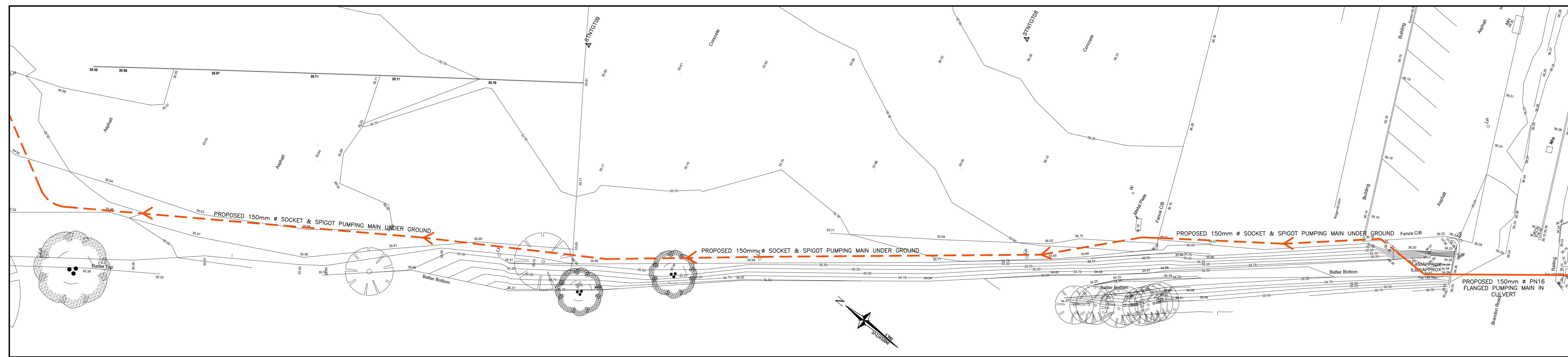
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Checked by	RS	Date	27-11-20
Scale	1:200		
Format	AO		
Autocad Version	Autocad 2019		
Drawing Status	Drawing Status		
Sheet No	N20380	Issue	002 / B
Sheet		Date	P



SECTION 6 OF SITE PLAN



SECTION 5 OF SITE PLAN



SECTION 4 OF SITE PLAN

NOTES

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PRELIMINARY
NOT FOR CONSTRUCTION

- EXISTING EFFLUENT PUMPING MAIN
- NEW EFFLUENT PUMPING MAIN
- DISCHARGE PUMPINGLINE

REFER TO DRAWINGS:
 N20380-01-SITE PLAN GA
 N20380-02-SECTIONS 1, 2 & 3 PUMPING MAIN GA
 N20380-03-SECTIONS 4, 5 & 6 PUMPING MAIN GA
 N20380-04-GROUND ELEVATIONS PUMPING MAIN
 N20380-05-GROUND ELEVATIONS DISCHARGE MAIN

B	SECTIONS REVISED	MJ	27/11/20
A	FIRST ISSUE	MJ	08/11/20
ISSUE LETTER	ISSUE	INITIAL	DATE

CLIENT **trundley**
DESIGN | CONSTRUCTION | NEW HOMES

PROJECT TITLE
CRANSWICK, WATTON
 NEW EFFLUENT DISPOSAL ARRANGEMENT

DRAWING TITLE
SITE PLAN
 SECTION 4, 5 & 6 PUMPING MAIN
 GENERAL ARRANGEMENT

Robert Stone Associates
 CONSULTING CIVIL & STRUCTURAL ENGINEERS
 Eleven Mile Lane
 Sulton, Wymondham
 Norfolk NR18 9YL
 Tel: (01953) 401800
 Fax: (01953) 401594
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 Web: www.rstoneassociates.co.uk

RSA

Drawn by	MJ	Date	05-11-20
Checked by	RS	Date	27-11-20

Scale
 1:200 UNO

Format
 AO
 Original scale: 1:200 (mm)
 As shown, this drawing may have been revised
 Autocad Version
 Autocad 2019

Drawing Status
 Drawing No. **N20380** / 003 / B P
 Issue
 Status

Site Location Maps SLM 01

The maps below show the location of the Cranswick Country Foods plc site at Brandon Road, Watton, Norfolk IP25 6LW (existing permit area boundary shown edged red and proposed permit area extension shown in blue – indicative only, see drawings 19-L27-IP002 and 19-L27-IP003 for accurate permit area boundary details).

