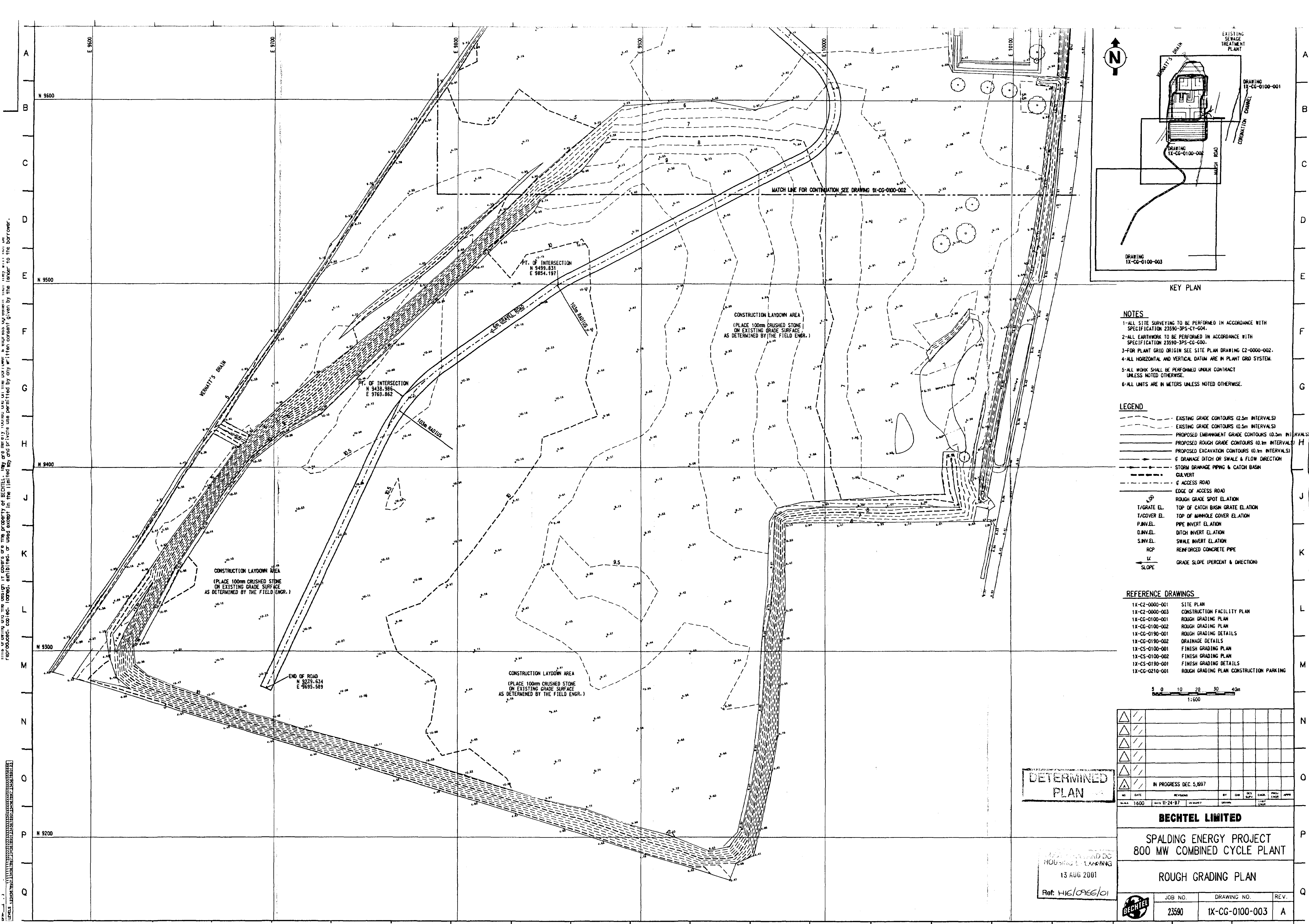
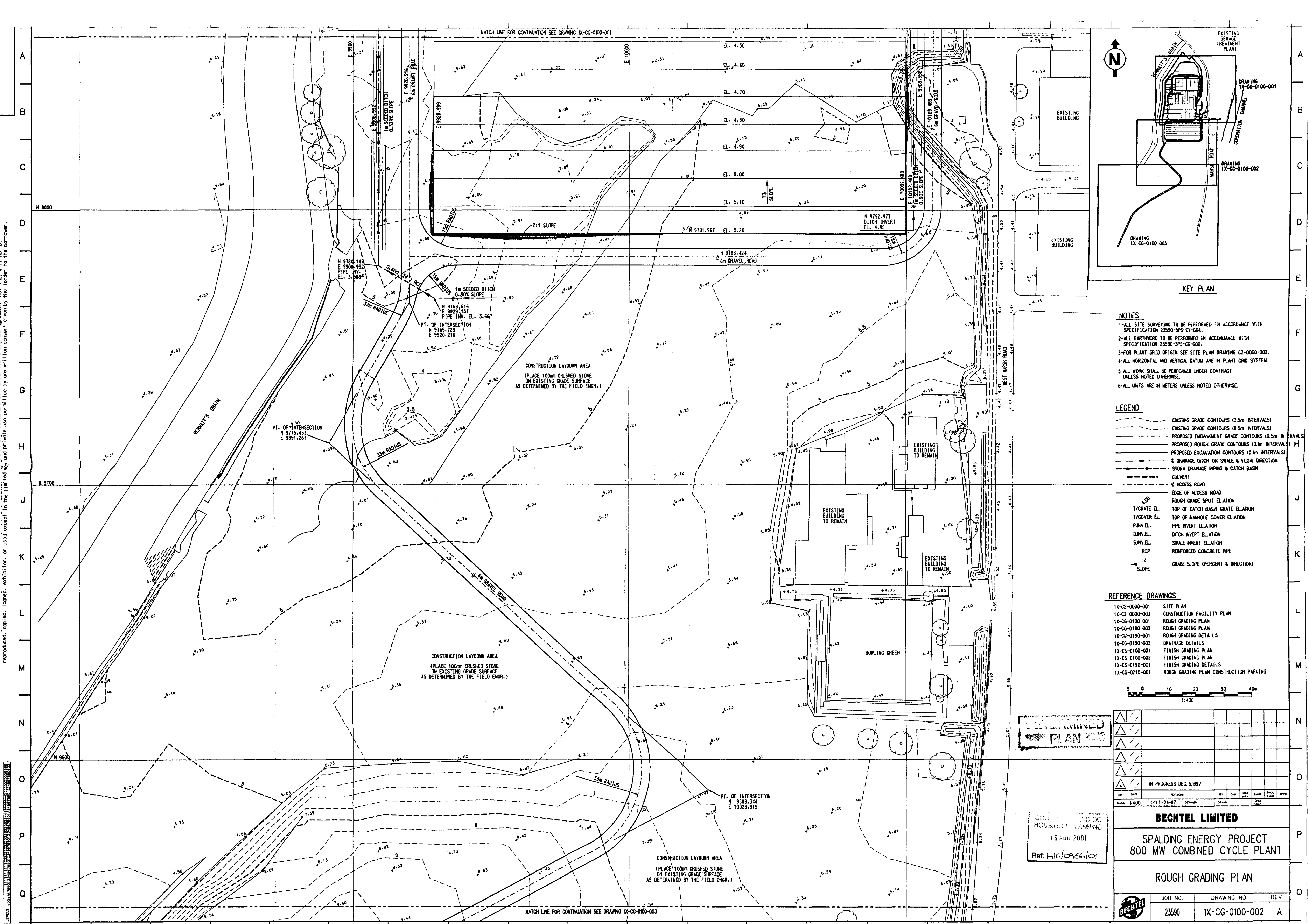
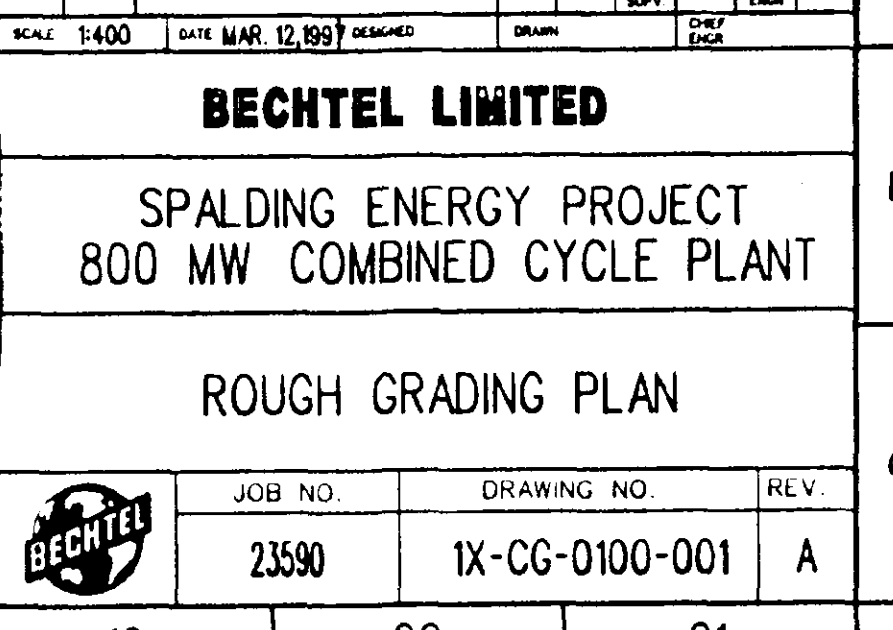
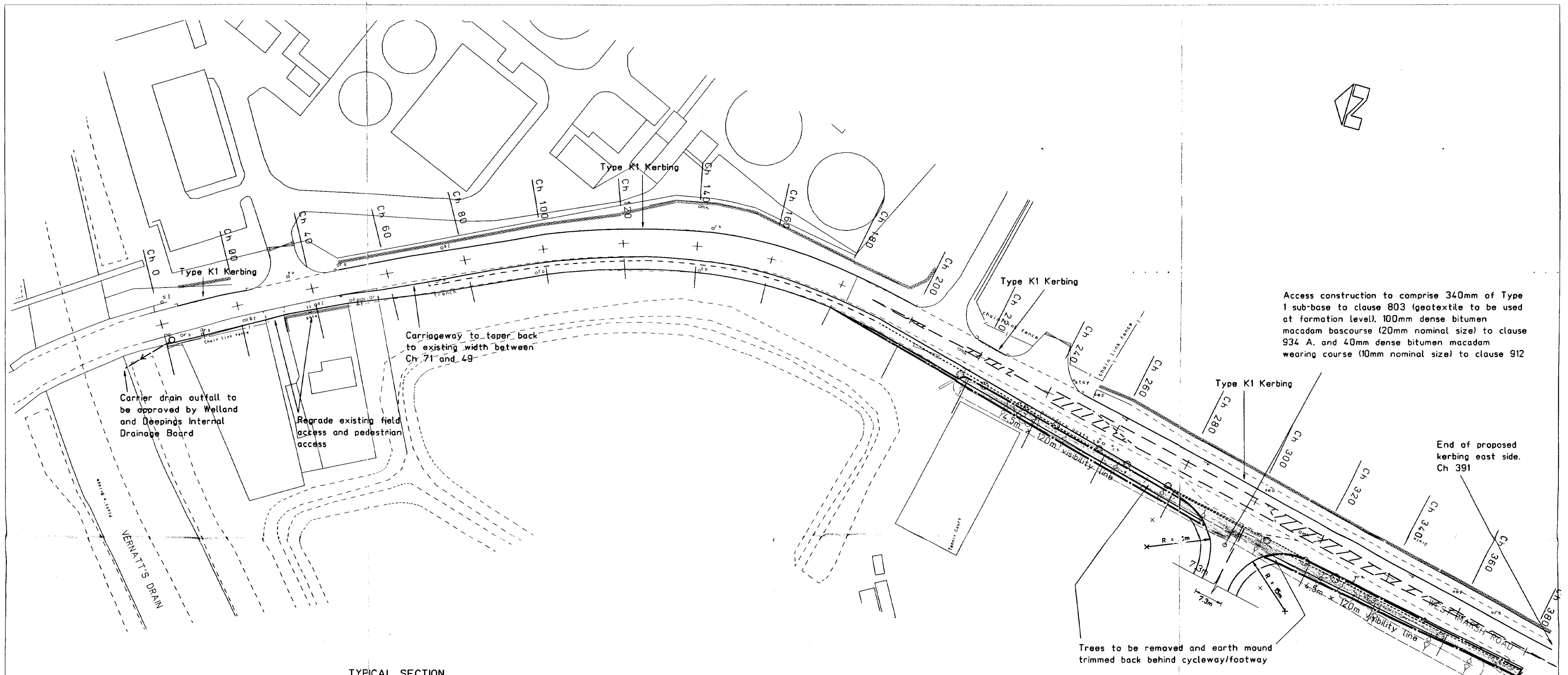




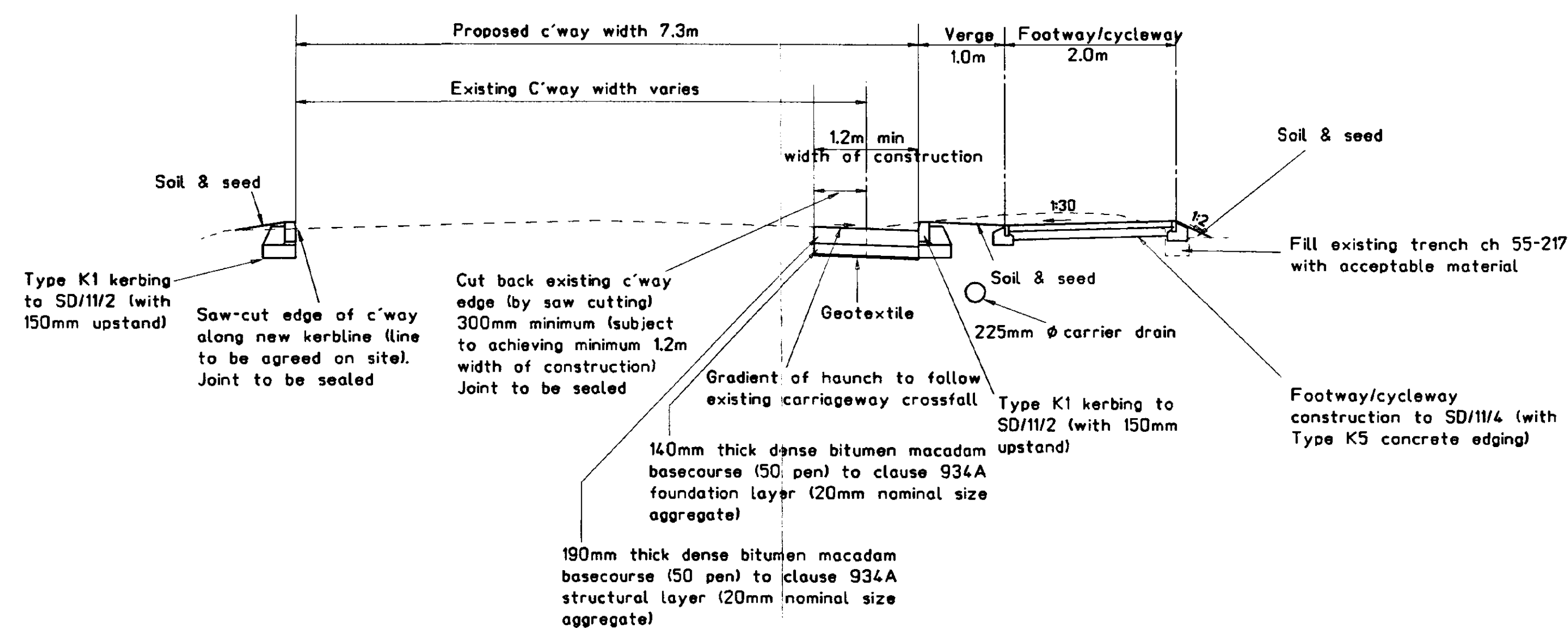






Access construction to comprise 340mm of Type 1 sub-base to clause 803 (geotextile to be used at formation level), 100mm dense bitumen macadam basecourse (20mm nominal size) to clause 934 A. and 40mm dense bitumen macadam wearing course (10mm nominal size) to clause 912

TYPICAL SECTION
Scale 1:50

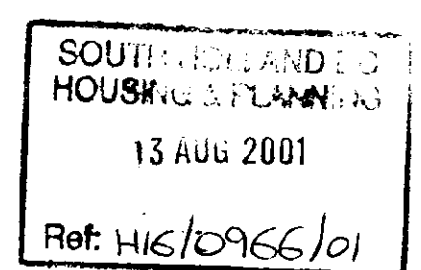
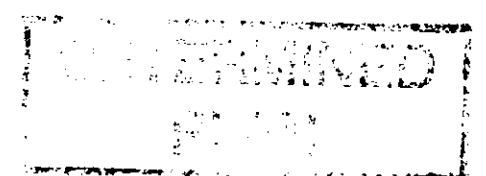


NOTES

- Clause numbers refer to the Department of Transport Specification for Highway Works (1986 Edition)
- References beginning SD/... refer to Highway Construction Standard Drawings issued by Lincolnshire County Council Highways Department.

NOTES

- All existing road signs along route of new footway/cycleway to be re-erected on new posts with mounting height of 2.2m
- Kerb outlets to SD/5/4 at 5m spacings to be provided in western kerbline
- 225mm dia carrier drain in verge to current Lincolnshire County Council standards, with catchpit manholes at maximum 100m spacing.
- Drain outfall details into Vernatt's Drain to be approved by the Welland and Deepings Internal Drainage Board
- Existing services to be protected/diverted as required by Statutory Undertakers.
- Street Lighting to be provided throughout length of new works, to be designed to B.S. 5489 Part 2 Category 3. Services to be Electricity Board supplies.
- Land between highway boundary and back of construction to be dedicated as highway land



Engineering & Traffic Services

P.D. JAMESON B.Sc., C.Eng., M.I.C.E.
Chief Engineer
WITHAM PARK HOUSE,
WITHAM PARK, WATERSIDE SOUTH,
LINCOLN LN5 7JN



LINCOLNSHIRE COUNTY COUNCIL
ENVIRONMENTAL SERVICES DIRECTORATE
R. THOMPSON B.Sc., C.Eng., M.I.C.E., M.I.H.T., M.I.M.
County Engineer
CITY HALL, LINCOLN
LN1 1DB

SCALE

1:500
1:50

By Date

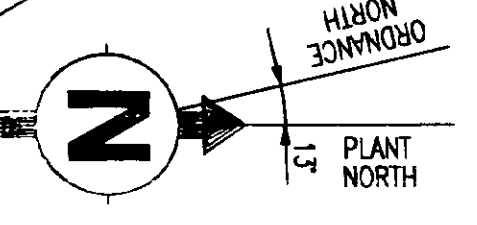
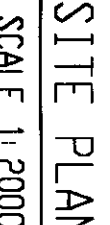
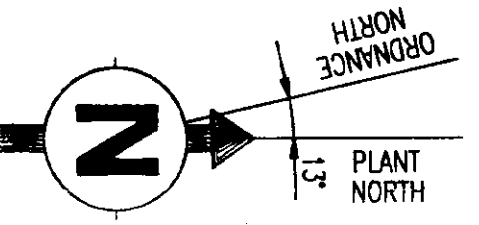
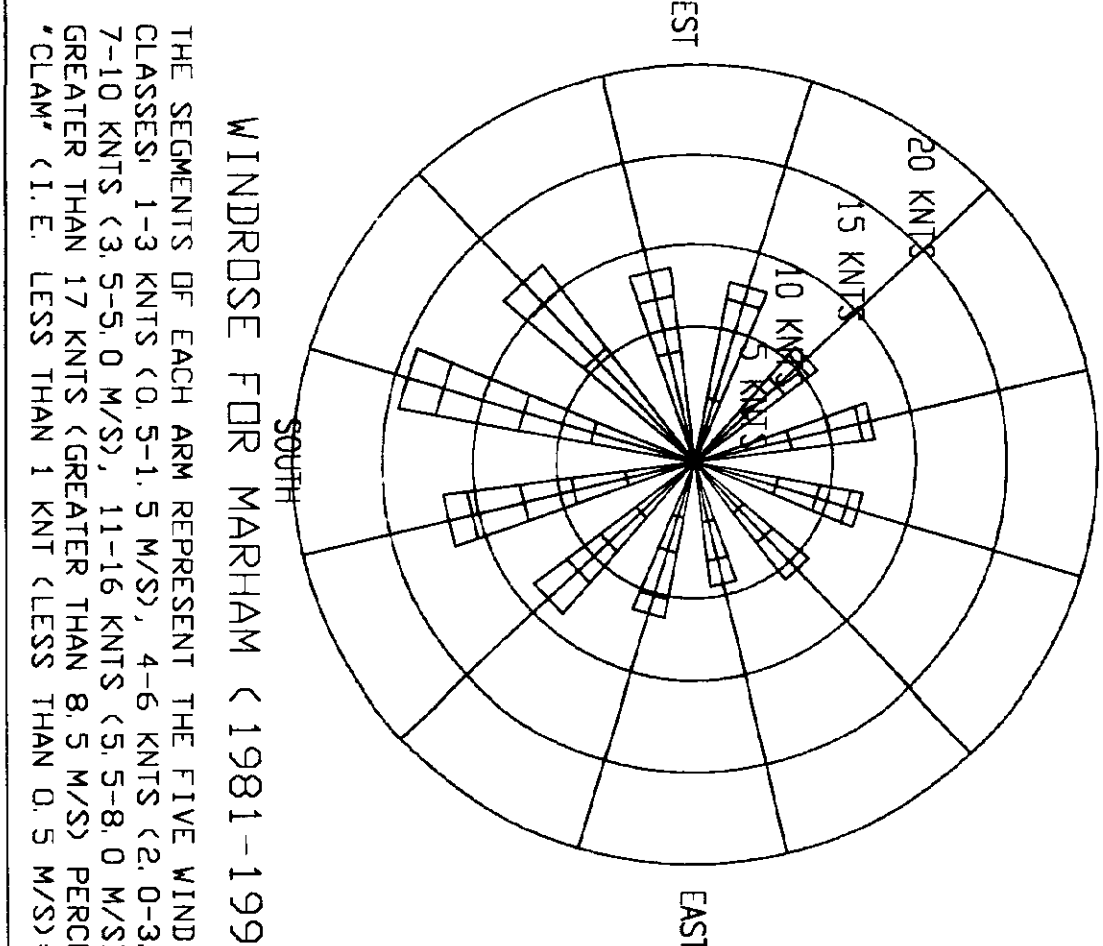
DRAWN	GA	7.97
DRAUGHTED	KR	7.97
APPROVED	GA	7.97

AMENDMENT No.1 - Modification to Junction - 29/07/97 - Approved

ETS DRAWING NUMBER	B S 0 5 0 0 4	2	A 1
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ARCHIVE DRAWING NUMBER	B
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SPALDING, WEST MARSH ROAD
SPALDING ENERGY PROJECT
PROPOSED LAYOUT
SECTION 278 AGREEMENT



NOTES:

1. GENERATION SITE EXCLUDES SWITCHYARD (ITEM 37).
2. THE FENCE LINE, BERMS AND FLOODPAH AND CYCLEWAY WILL BE SHOWN ON LANDSCAPE DRAWING AND BABTIE DRAWINGS.

Ref.	AMENDED PLAN	DETERMINED PLAN
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AREA SUBJECT TO SEPARATE SUBMISSION

TO RIVER

BECHTEL LIMITED

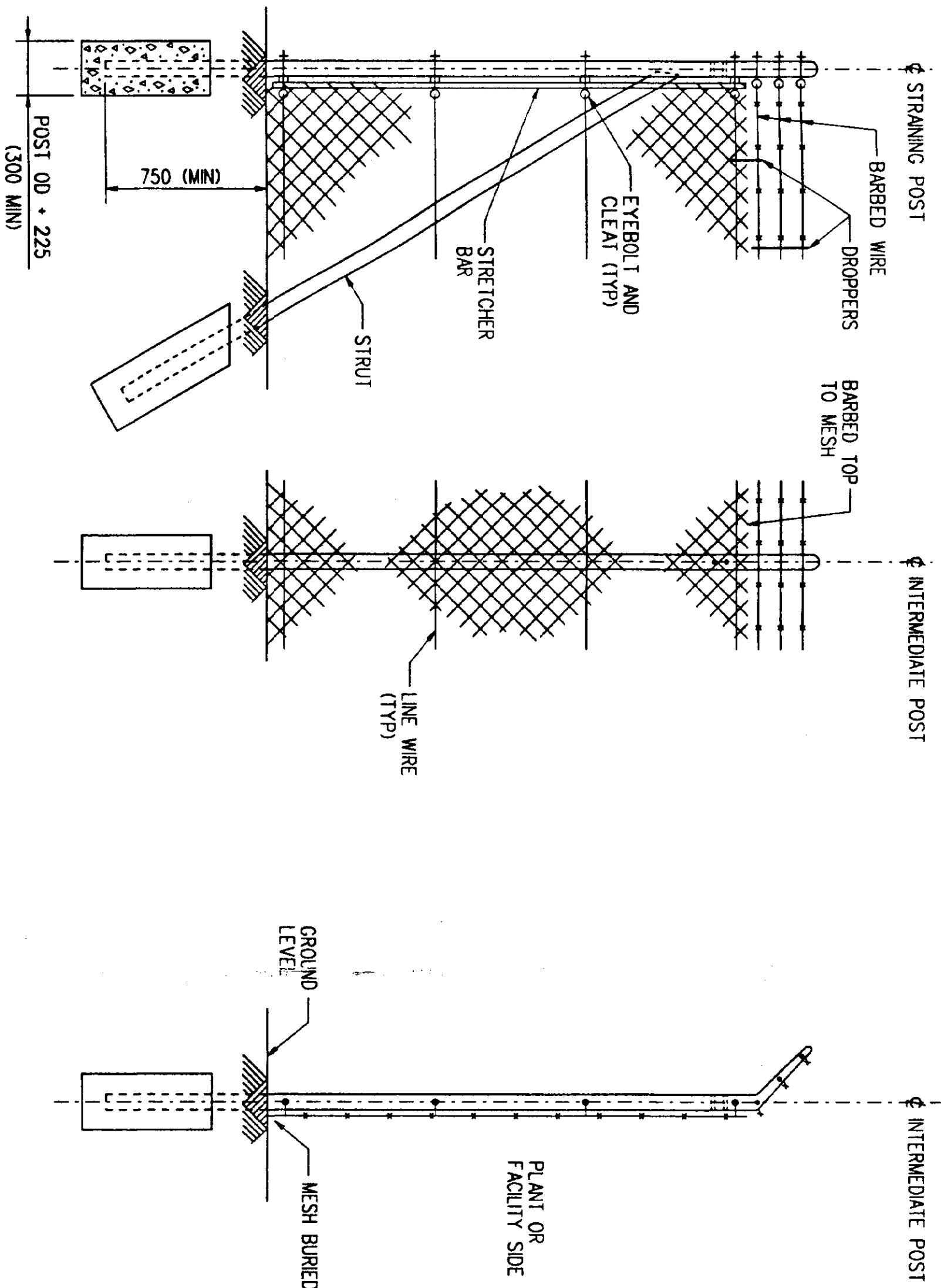
SPALDING ENERGY PROJECT

SPALDING, ENGLAND

SITE PLAN AND PLOT PLAN

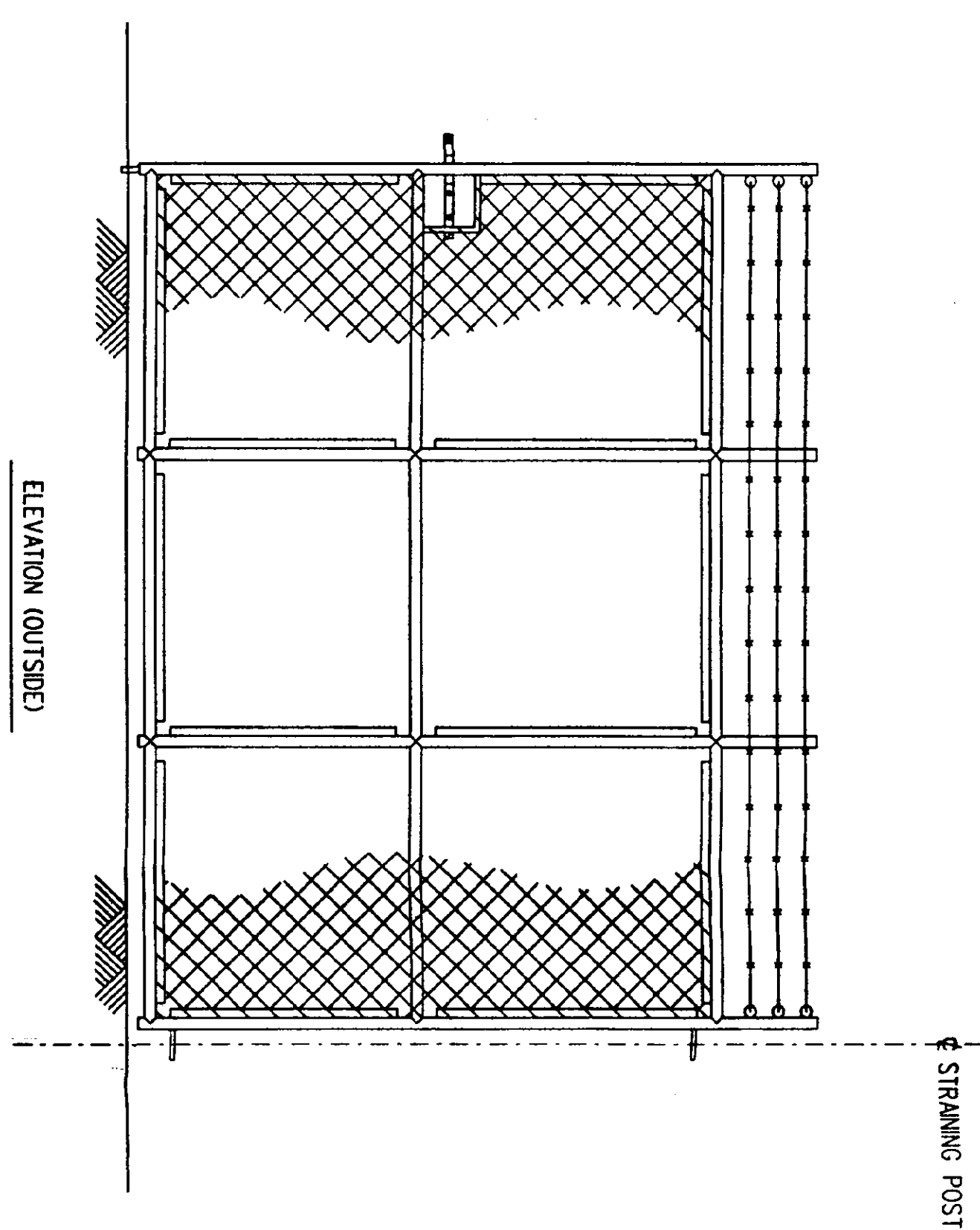
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4628-000 C2K-0000-001

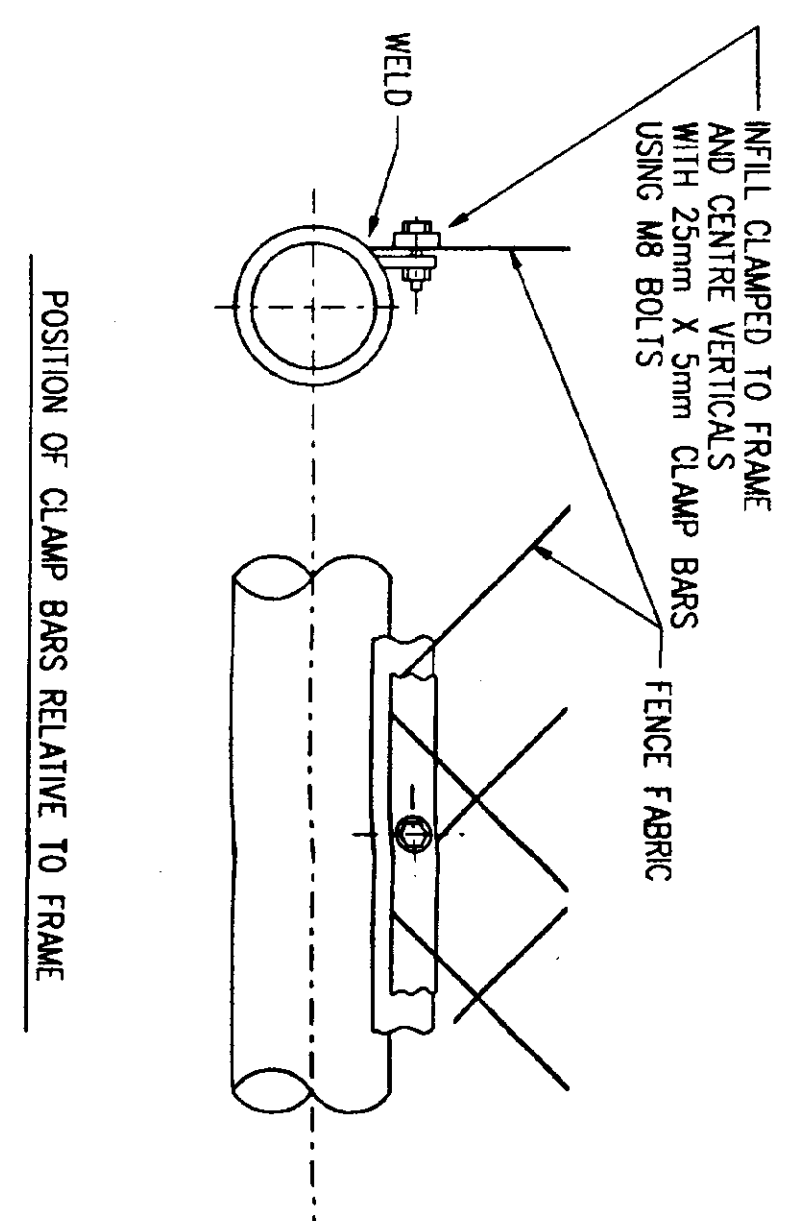


STRAINING POST & INTERMEDIATE POST

TYPICAL SECTION THRU FENCE



TYPICAL GATE CLADDING



SPECIFICATION NOTES

1.0 QUALITY STANDARDS

1. THE QUALITY OF THE MATERIALS AND SERVICES SHALL MEET THE REQUIREMENTS OF THE SPECIFICATION AND THE DESIGN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION DOCUMENTS, UNLESS NOTED OTHERWISE.

2.0 MATERIALS & REQUIREMENTS

1. THE FENCES SHALL BE THE ANTI-INTRUDER CHAIN LINK TYPE IN ACCORDANCE WITH BS 1722 PART 10. FENCE POSTS SHALL BE MADE OF STEEL.

2. THE FABRIC SHALL BE MANUFACTURED FROM GALVANIZED STEEL WIRE IN ACCORDANCE WITH BS 1722 PART 10. FENCING SHALL MEASURE 2.4M (MINIMUM) FROM GROUND ELEVATION TO TOP OF CHAIN LINK FABRIC.

3. FABRIC SHALL HAVE A MESH SIZE OF 50mm. FABRIC SHALL BE SUPPLIED IN 2.4M WIRE ROLLS. ALL STEEL WIRE SHALL COMPLY WITH BS 4402 WIRE RESPECTIVELY OF BS 1722 PART 10.

4. THE FABRIC SHALL BE MOUNTED ON FOUR EQUALLY SPACED ROWS OF GALVANIZED COATED LINE WIRE. THE TOP OF WHICH SHALL BE DOUBLED EACH BY MEANS OF EYEBOLT STRAINERS OR WINDERS AT EACH STRAINING POST.

5. THE TOP OF THE FABRIC AND THE BOTTOM IF IT IS TO BE EXPOSED SHALL BE PROTECTED BY A SINGLE LINE OF BARBED WIRE. THREE ROWS OF BARBED WIRE SHALL BE PROVIDED AT THE BOTTOM OF THE FABRIC. THE BARBED WIRE SHALL BE AT 45 DEGREES WITH PROPER BARS AT THE CENTRE OF EACH PANEL. ONE ROW OF BARBED WIRE SHALL BE FIXED NOT MORE THAN 150mm ABOVE THE TOP OF THE FABRIC AND THE OTHERS EQUALLY SPACED ON THE EXTENSION AS RECOMMENDED IN SECTIONS 3.7 OF BS 1722 PART 10.

6. DOUBLE STRAINING POSTS SHALL BE PROVIDED AT ALL CORNERS. SINGLE STRAINING POSTS SHALL BE PROVIDED AT LEAST EVERY 60M AND AT CHANGES IN DIRECTION OR ACUTE VARIATIONS IN LEVEL OF FENCE.

8. THE FABRIC SHALL BE BURIED 300mm INTO THE GROUND WHERE BURYING IS NOT POSSIBLE. THE BOTTOM EDGE SHALL BE FASTENED TO THE GROUND AND FENCED WITH A SINGLE ROW OF BARBED WIRE AS REQUIRED BY BS 1722 PART 10.

9. STEEL FOR FENCE POSTS SHALL COMPLY WITH THE REQUIREMENTS OF BS EN 10025 STEEL GRADE S235.

10. POSTS SHALL BE FABRICATED FROM ROLLED STEEL ANGLES TO BS 4449. POSTS SHALL BE ERECTED IN PREPARED HOLES AND THE HOLES FILLED WITH CONCRETE. THE CONCRETE SHALL BE COMPACTED AND CONSOLIDATED AFTER THE CONCRETE HAS HARDENED THE REMAINDER OF THE HOLE SHALL BE BACKFILLED, WELL RAMPED AND CONSOLIDATED.

11. THE MINIMUM SIZES OF ANGLES SHALL BE AS FOLLOWS:

	LENGTH
INTERMEDIATE POSTS	50mm X 50mm X 6mm ANGLE
STRAINING POSTS	70mm X 70mm X 8mm ANGLE
STRUTS	45mm X 45mm X 5mm ANGLE
45° TOPS AT STRAINING POSTS	50mm X 50mm X 6mm ANGLE
45° TOPS AT INTERMEDIATE POSTS	45mm X 45mm X 5mm ANGLE

3.0 STRETCHER BARS AND PROPER BARS

1. STRETCHER BARS SHALL BE 25mm X 5mm GALVANIZED STEEL FLAT BARS. STRETCHER BARS SHALL BE SECURED TO THE ADJOINING FENCE POST. EACH STRETCHER BAR SHALL BE SECURED WITH ALL WELDS. GALVANIZED CLEANS EYEBOLTS AND "U" CONNECTORS.

2. PROPER BARS FOR BARBED WIRE TAPPING SHALL BE 25mm X 5mm GALVANIZED STEEL FLAT BAR WITH HALF ROUND STAPLES FOR FASTENING BARBED WIRE TO THEM.

4.0 GATES

1. ALL GATES SHALL BE FABRICATED FROM STEEL TUBES COMPLYING WITH BS 4449 PART 2. GATES SHALL BE 100% WELDED CONSTRUCTION AND SHALL BE ADEQUATELY BRACED AND CONSTRUCTED IN ACCORDANCE WITH CLAUSE 2.8.2 OF BS 1722 PART 10.

2. GATES SHALL BE FINISHED WITH HINGES OF A TYPE WHICH PREVENTS FAST REMOVAL FROM THE GATE POSTS. GATE HINGES SHALL ALLOW THE GATE TO SWING 80°.

3. ALL GATES SHALL BE FITTED WITH DOOR BOLTS AND SLAM PLATES IN ACCORDANCE WITH CLAUSE 2.8.7 OF BS 1722 PART 10.

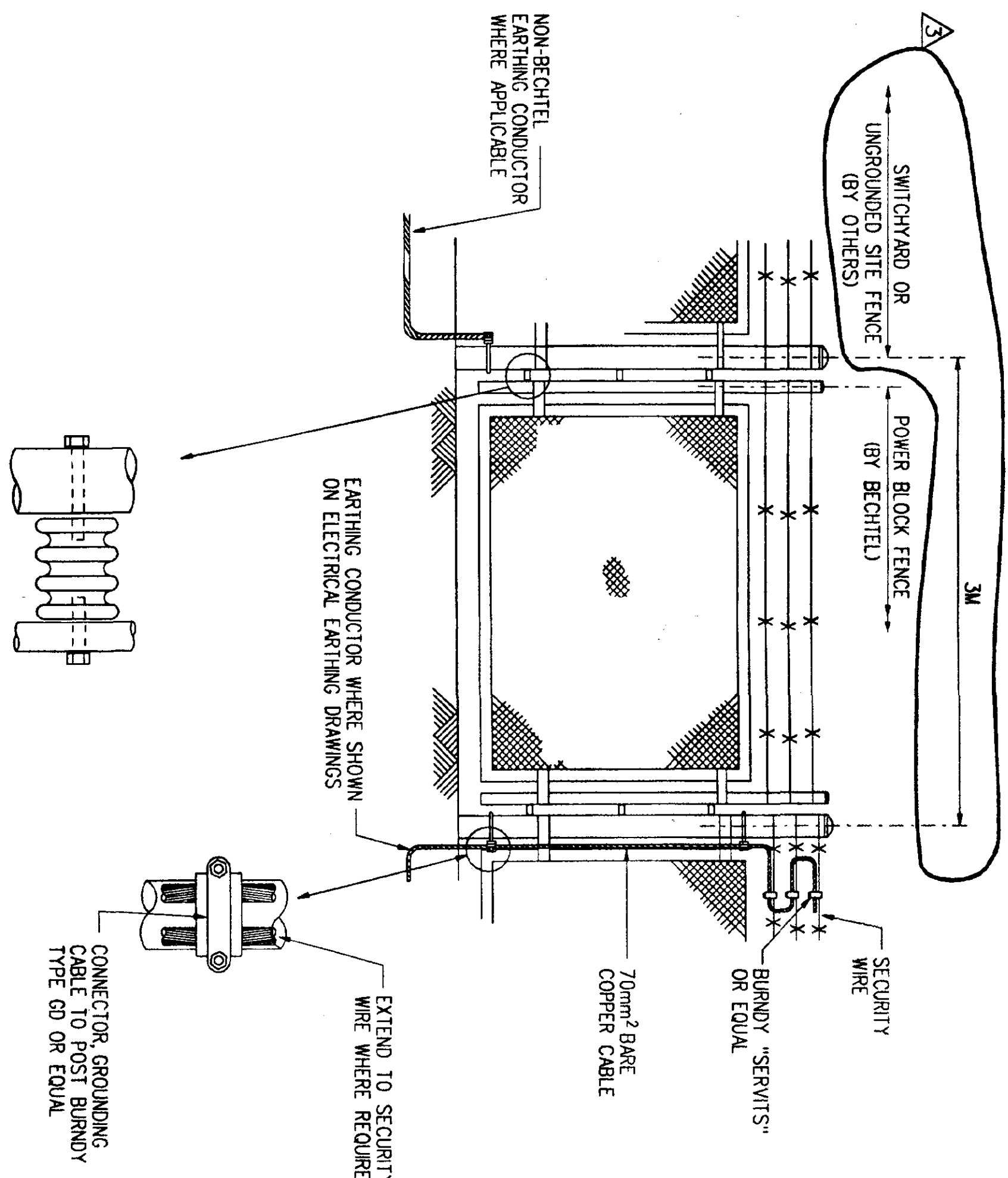
4. LOCKING BARS SHALL BE PROVIDED TO ALL GATES AND PROVISION MADE TO REMOVAL OF A PADLOCK WHICH SHALL BE ACCESSIBLE FROM BOTH SIDES OF THE GATE.

5.0 ERECTION

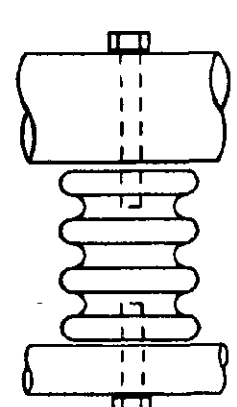
1. FENCES AND GATES SHALL BE ERECTED PLUMB AND STRAIGHT BETWEEN CORNER POSTS. ALL IN ACCORDANCE WITH SECTION 3 OF BS 1722 PARTS 1 AND 10.

FENCE ISOLATION SECTION

DETAIL 1
OX-CF-0010-G0001

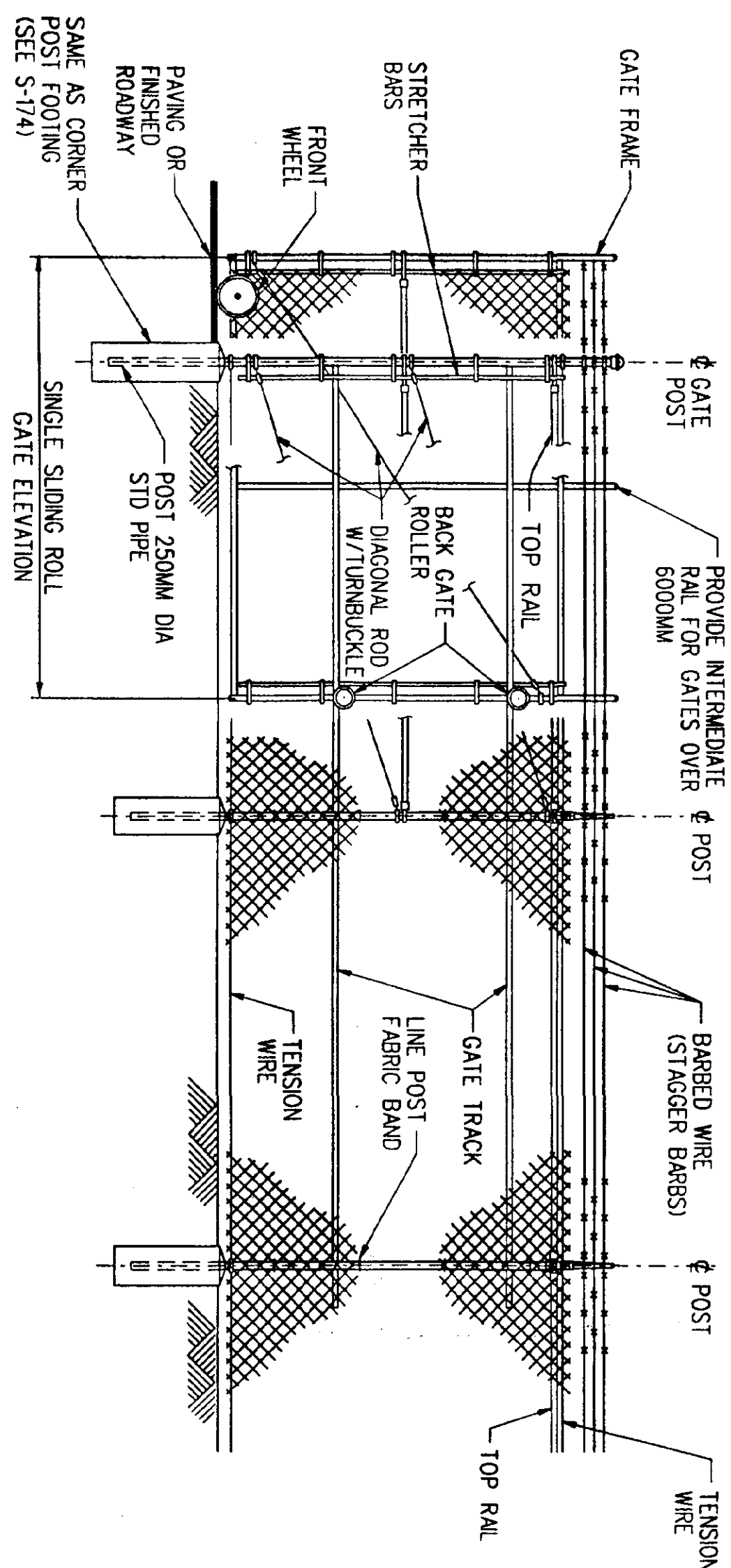


INSULATED SECTION OF FENCE
SUPPORTED ON 3 VV POSTS
TYPE INSULATIONS 18 REQUIRED



CONNECTOR, GROUNDING
CABLE TO POST, BUNDLY
TYPE 60 OR 60AL

WOVEN WIRE SLIDING GATE



NO.	DATE	REVISION	BY	CHK	APP	REV	DATE	DESCRIPTION
1	1998	1	1	1	1	1	1	ISSUED FOR CONSTRUCTION

BECHTEL LIMITED

CIVIL/ STRUCTURAL STANDARDS

FENCING DETAILS

JOB NO. DRAWING NO.

23802 OX-C9-0090-G0001



Existing ground profile as based on the original ground survey carried out by Derek Lovejoy Partnership in 1997 and supplementary information undertaken by Stirling Maynard and Partners in February 1997 and April 2001.

1. The Cross sections have been drawn across the site along the line of the Plant Grid lines (Parallel to the Plant Northings)

2. For Section positions refer to SMP drawing No. 3878/01/06

Ref.	Amendments
------	------------

Stirling Maynard & Partners
Consulting Engineers,
Stirling House, Rightwell,
Bretton, Peterborough, PE3 8DU

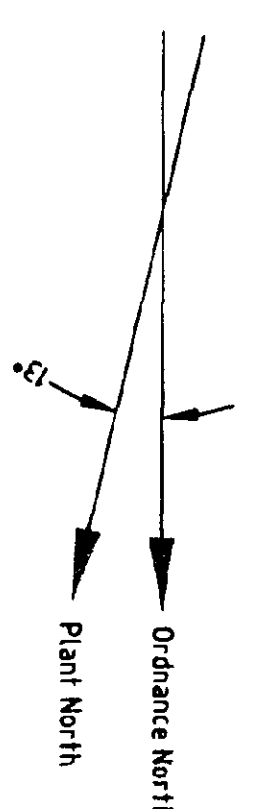
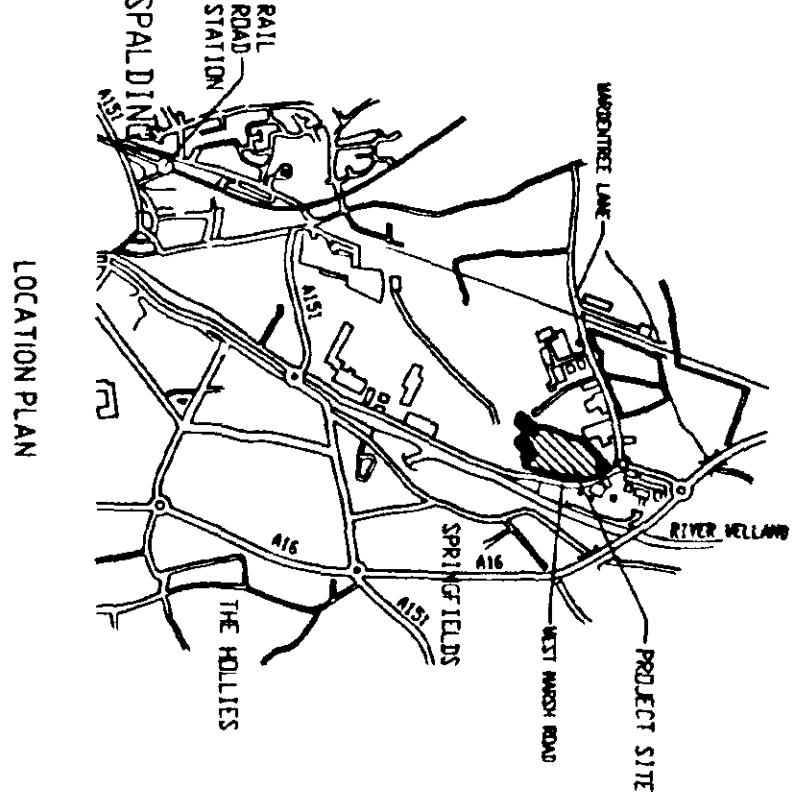
Telephone: 01733 262319
Fax: 01733 331527

SOUTH HOLLAND DC
HOUSING & PLANNING
13 AUG 2001
Ref: HHC/0066/01

T

103

3878/01/08



- Note
- Spot levels have been interpolated from the topographical surveys on a 20m grid.
 - Information shown is based on the original ground survey carried out by Derek Lacey Partnership 1999 with supplementary survey undertaken by Sterling House Rightwell and April 2001. The entire drawing shows a combination of these surveys.
 - For Cross sections refer to SHP drawings 3878/01/07 to 09.

Client

Interfen (UK) LTD

String Hayward & Partners
Consulting Engineers,
Stringing House Rightwell,
Bretton, Peterborough PE3 8DU

Telephone: 01733 82319
Fax: 01733 31567

South of Spalding DC
Floodplain & Land
13 April 2001

Ref: H16/0561/01

Drawn: PS
Checked: HSS
Date: APRIL 2001

Scale: 1:1250

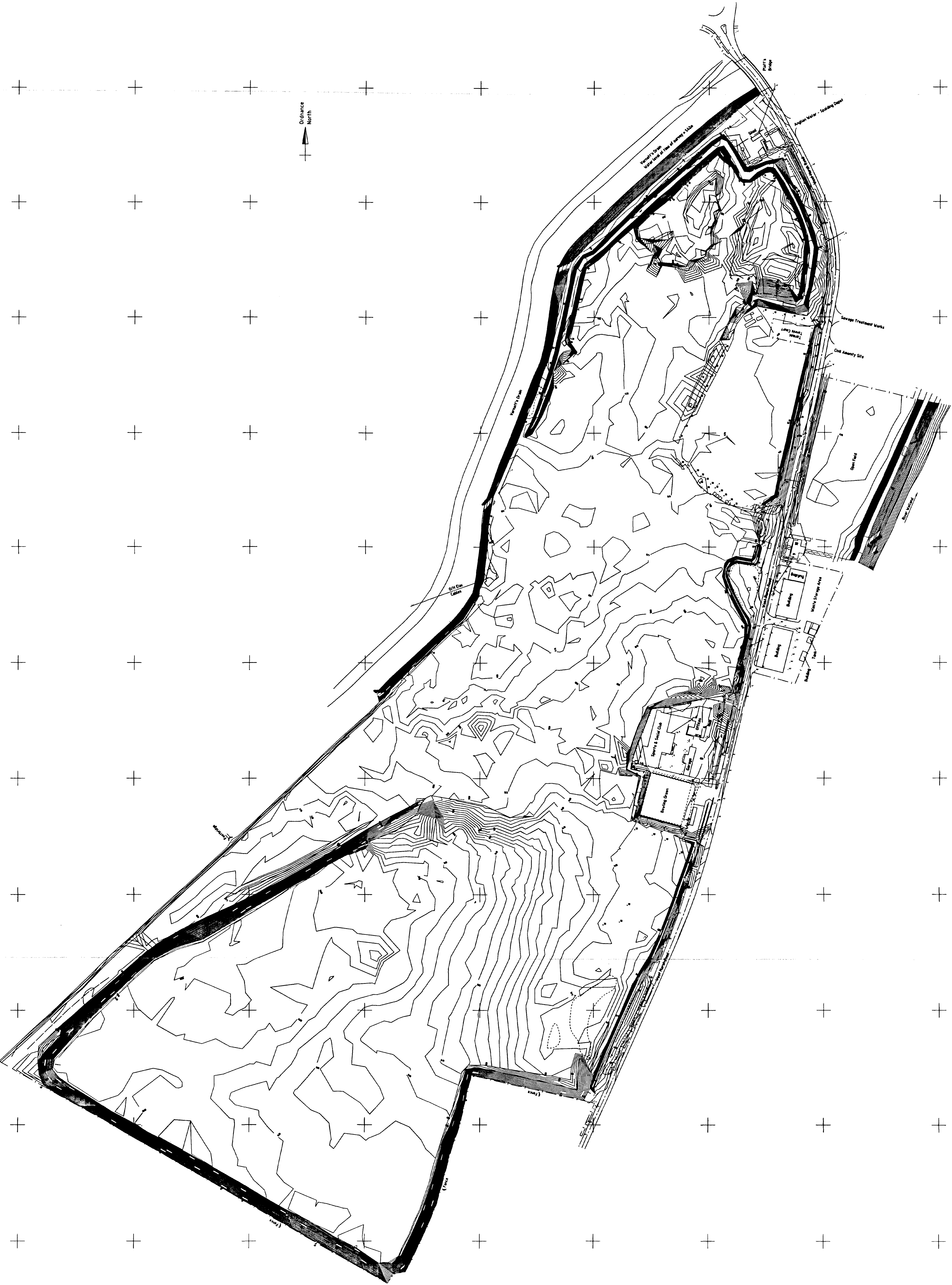
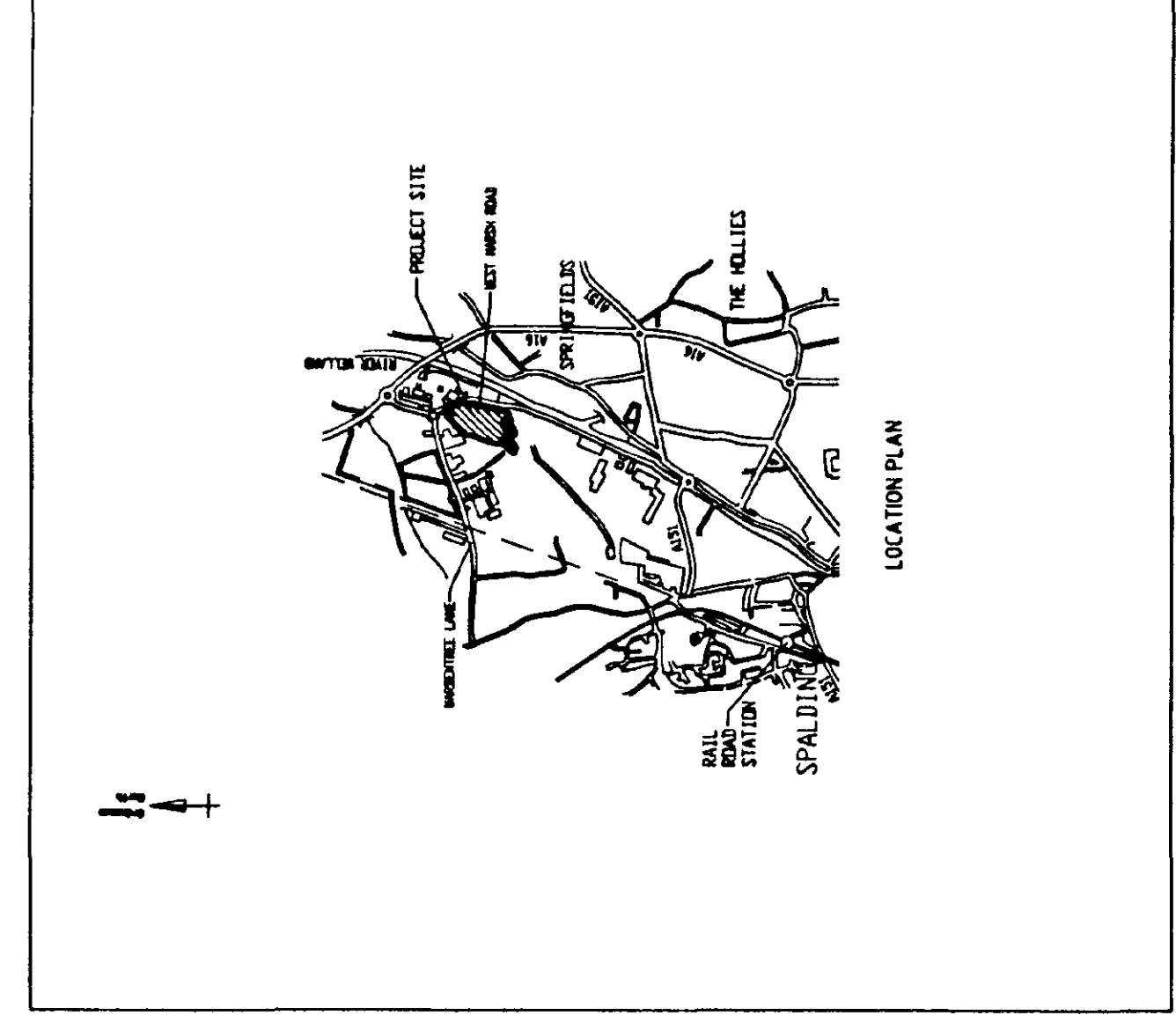
Project Manager: DEBAILL

Design Stage: INFORMATION

Design No: 3878/01/06

Design Title: EXISTING SPOT LEVELS AND CROSS SECTION PLAN

Source Title: SPALDING ENERGY PROJECT 840 MW COMBINED CYCLE PLANT



**DETERMINED
PLAN**

Stirling Maynard & Partners
Consulting Engineers,
Stirling House, Rightwell,
Bretton, Peterborough, PE3 8DJ

Telephone: 01733 262319
Fax: 01733 331527

InterGen (UK) LTD

SOUTH HOLLAND DC
HOUSING & PLANNING
13 AUG 2001
Ref: H1610966/01

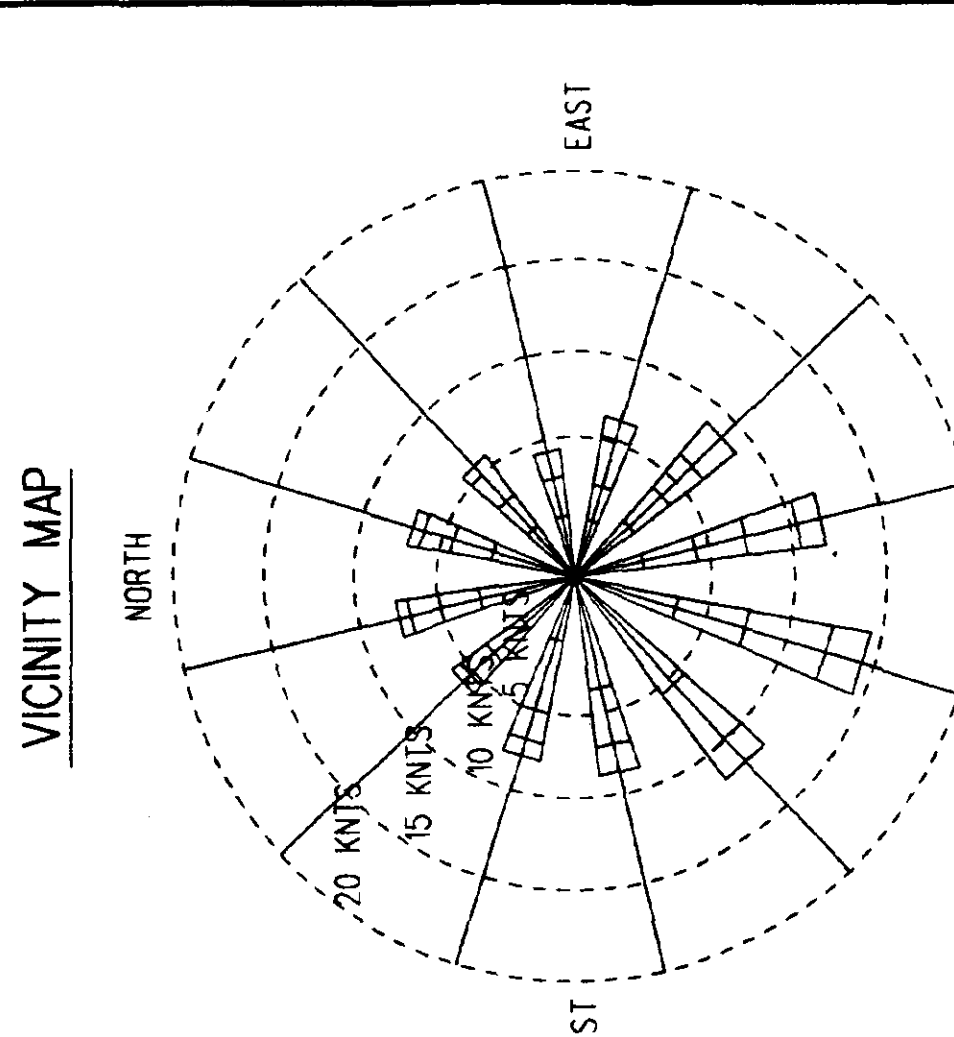
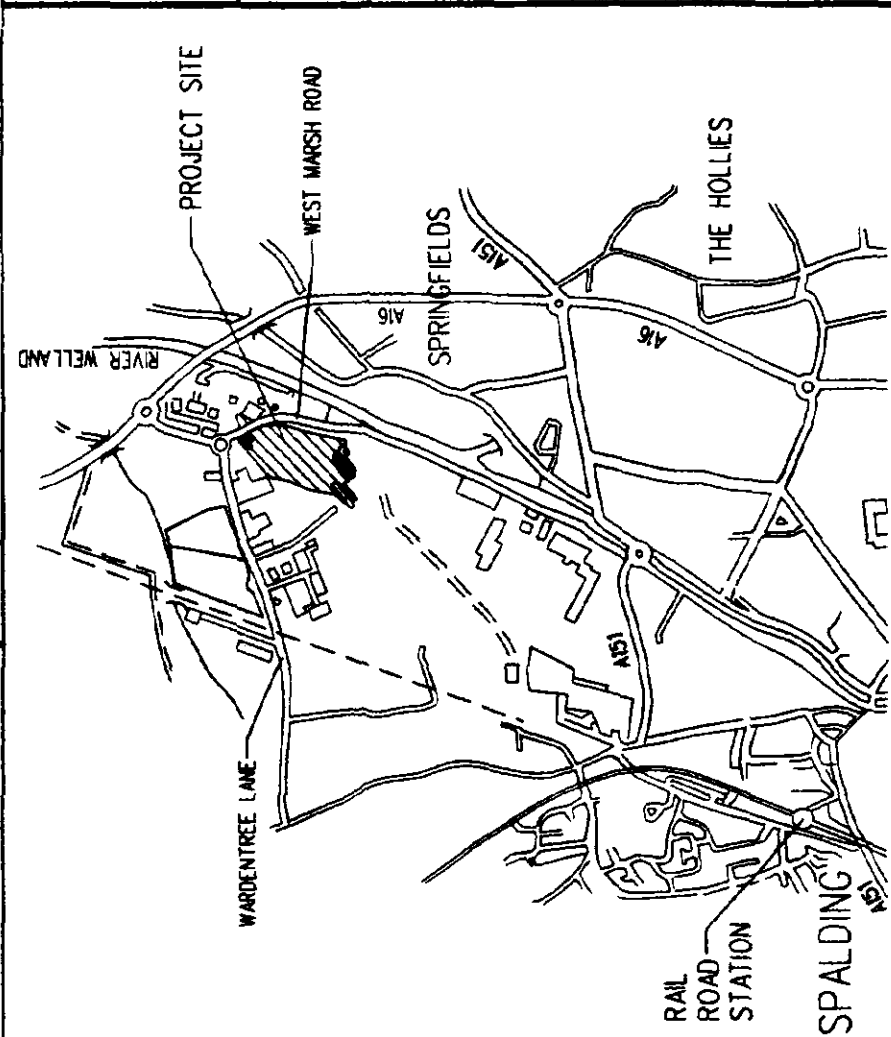
SPALDING ENERGY PROJECT
840 MW COMBINED CYCLE PLANT

CONTENTS

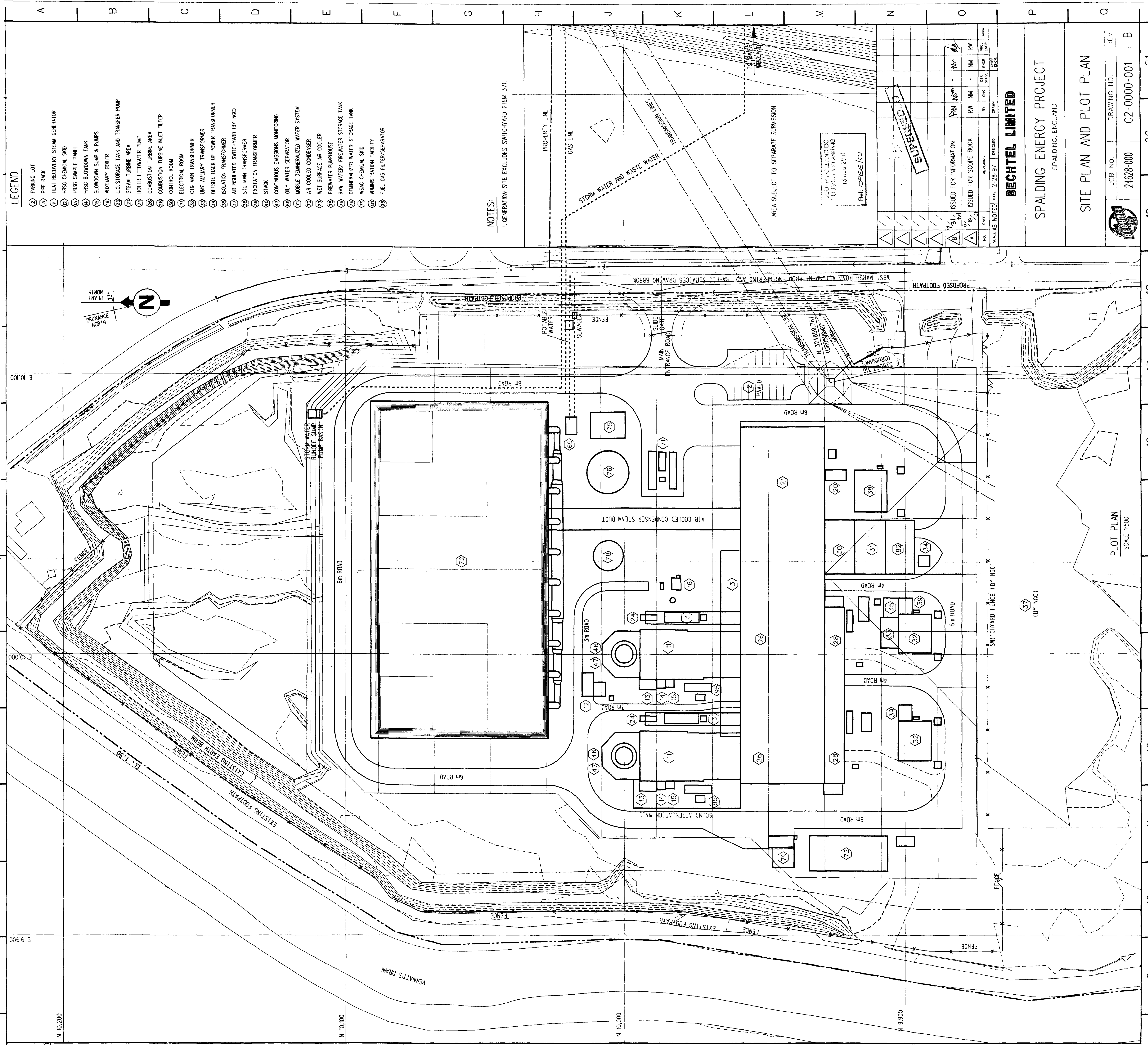
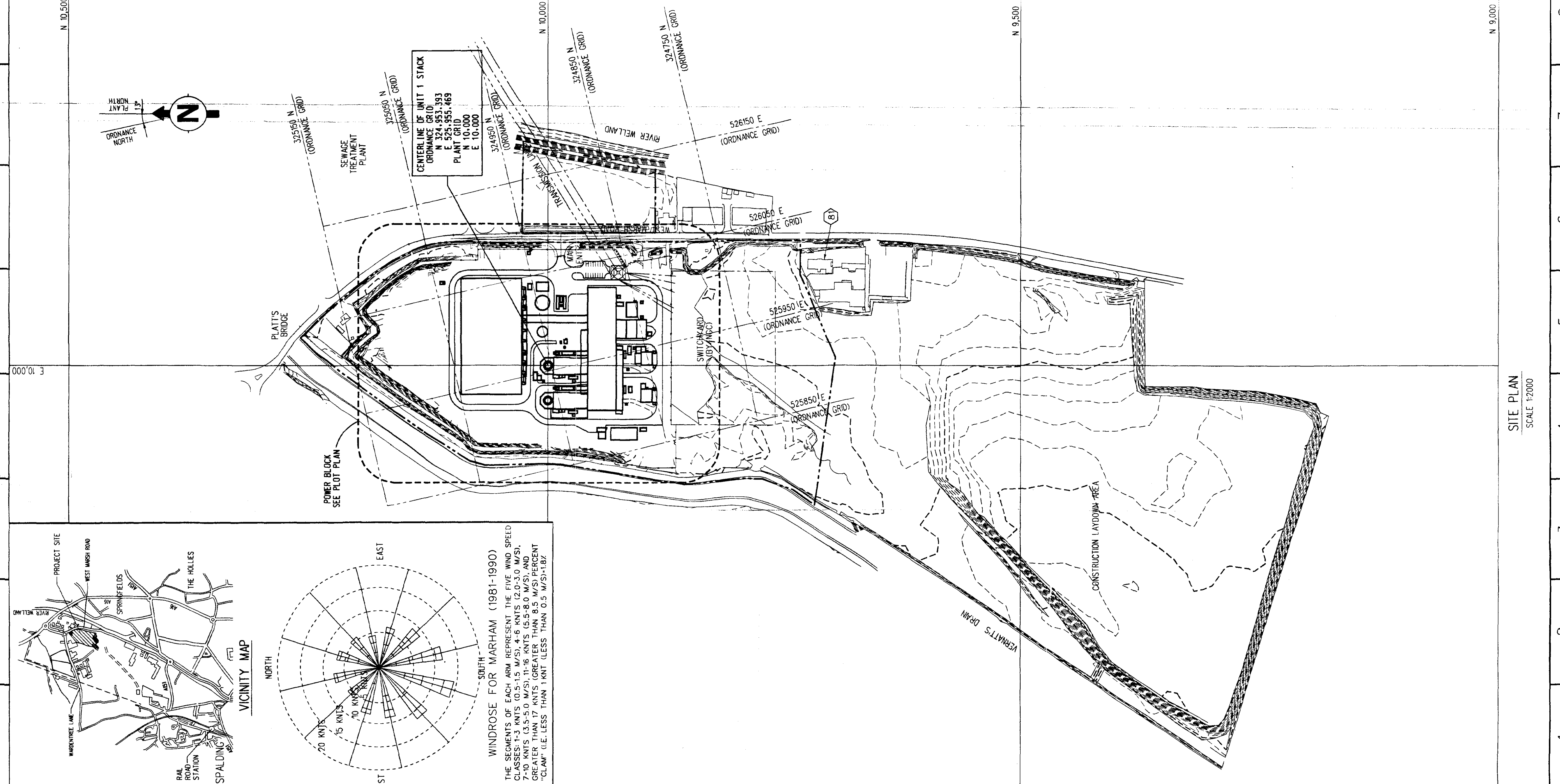
NOTE –

1. The existing ground contours are shown at 0.25m intervals.
2. Information shown is based on the original ground survey carried out by Derek Lovejoy Partnership in 1997 with supplementary survey undertaken by Stirling Maynard and Partners in Feb 1998 and April 2001. Therefore this drawing shows a combination of three surveys.

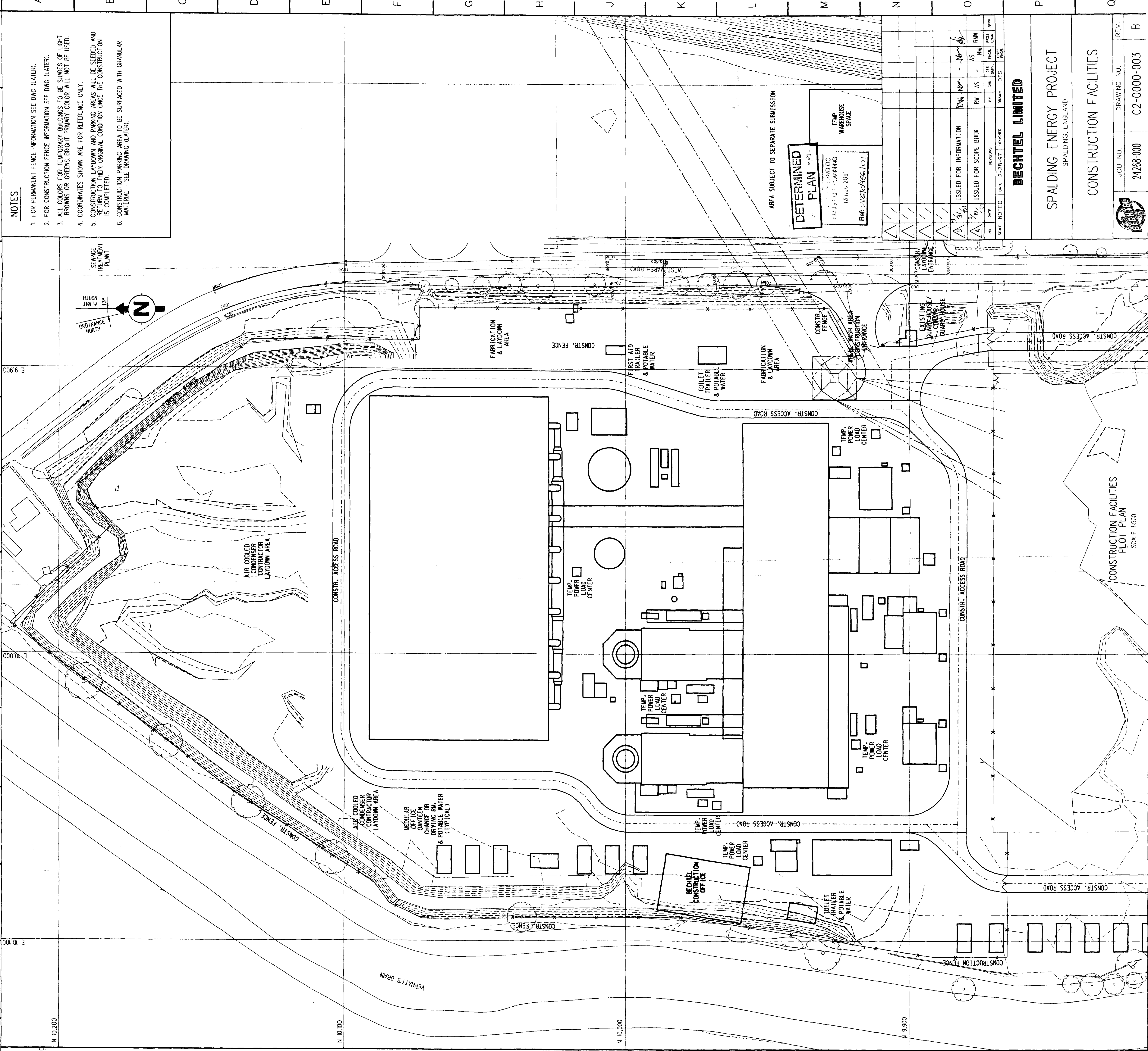
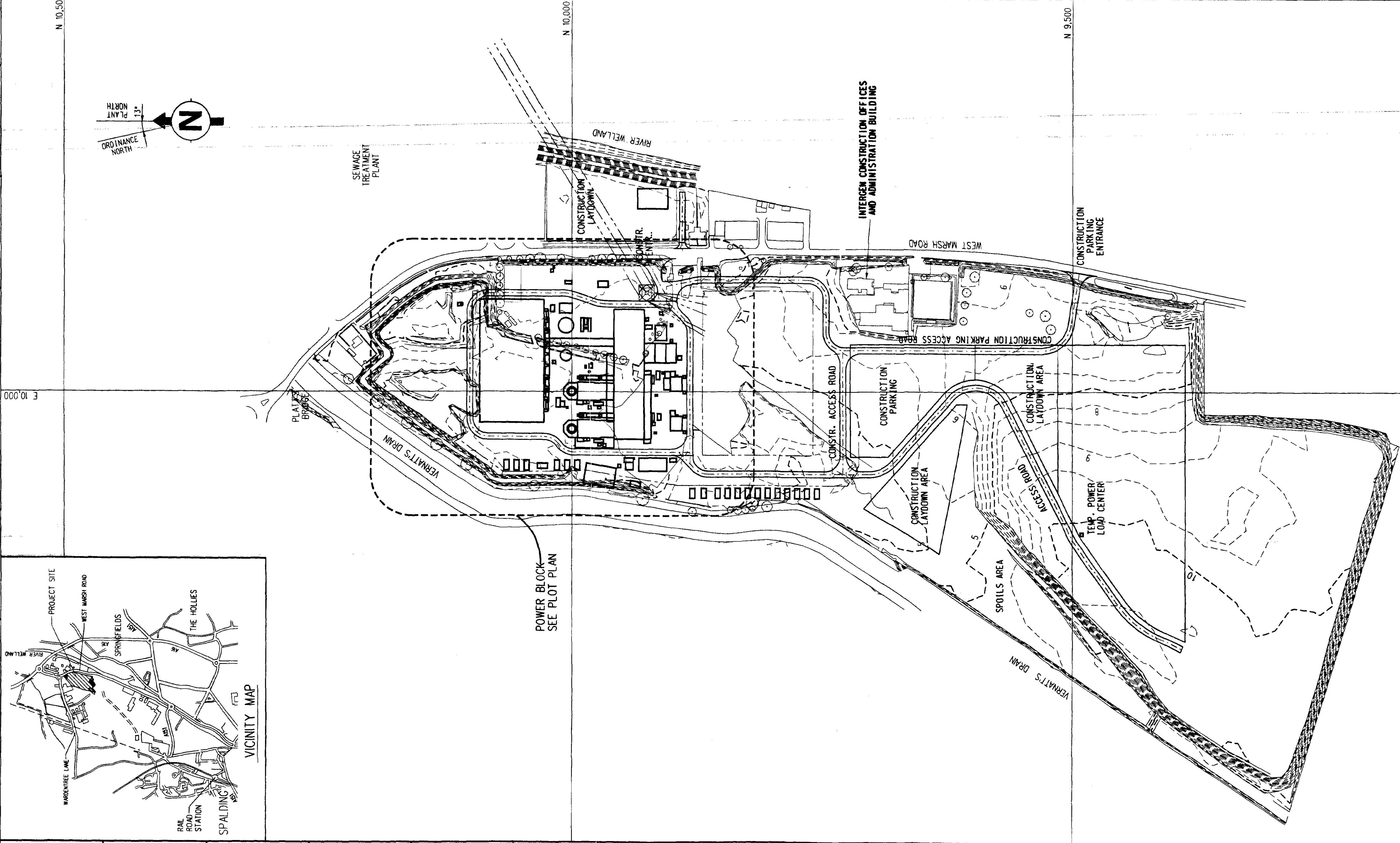
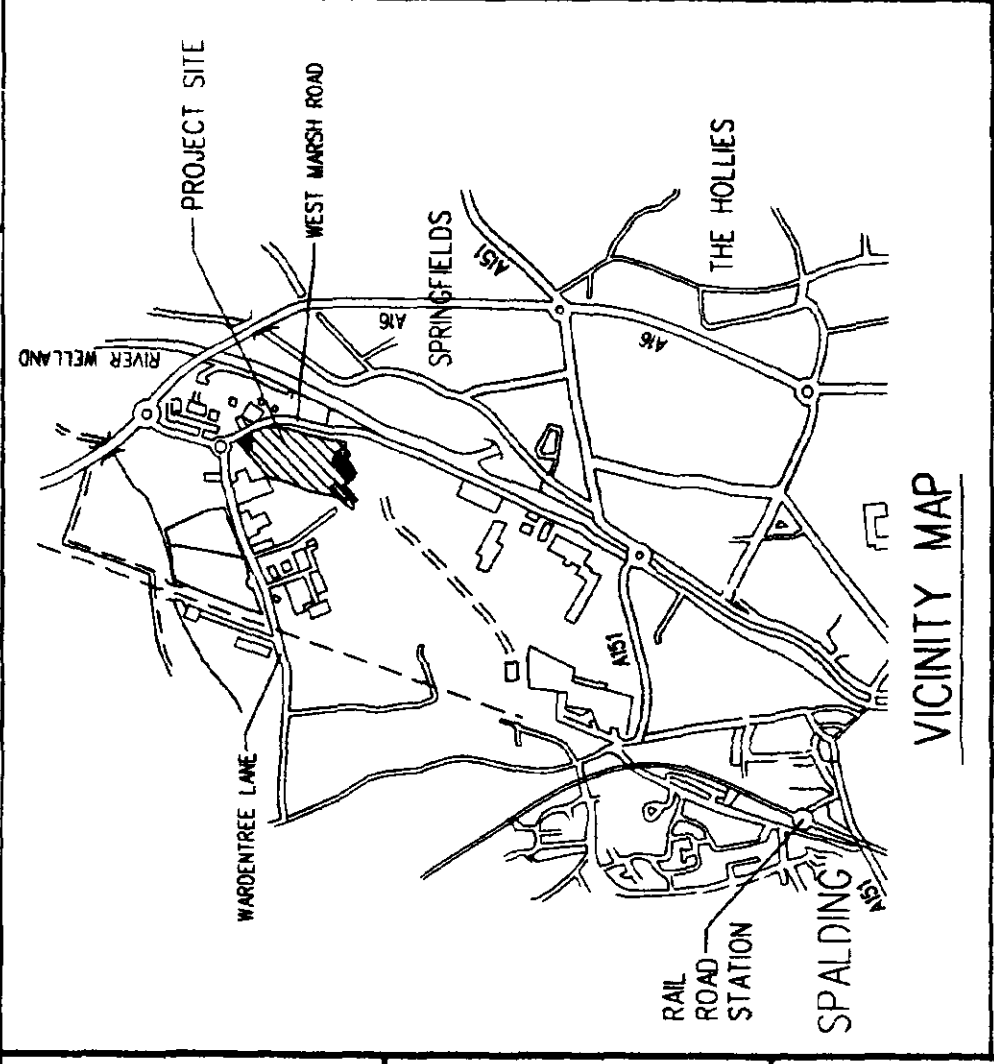
Project Manager		DR.HALL		Period in Charge		DR.HALL	
Drawn	PS	Scale		Drawing Status			
Traced	MOSS	1:1250		Drawing No.			
Checked				3878/01/05			
Date	APRIL 2001						



WINDROSE FOR MARHAM (1981-1990)
THE SEGMENTS OF EACH ARM REPRESENT THE FIVE WIND SPEED CLASSES 1-3 KNOTS (0.5-1.5 M/S), 4-6 KNOTS (2.0-3.0 M/S), 7-9 KNOTS (3.1-4.5 M/S), 10-12 KNOTS (4.6-6.0 M/S), 13-17 KNOTS (6.1-8.0 M/S).
"CLAM" (I.E. LESS THAN 1 KNOT (LESS THAN 0.5 M/S)-1.87).



LEGEND	NOTES	BECHTEL LIMITED	SPALDING ENERGY PROJECT	SITE PLAN AND PLOT PLAN
1. PARKING LOT	1. GENERATION SITE EXCLUDES SWITCHYARD (ITEM 37).	SPALDING, ENGLAND		
2. PIPE RACK				
3. WASTE RECOVERY STEAM GENERATOR				
4. WSC CHEMICAL SKID				
5. WSC SAMPLE PANEL				
6. WSC BLOWDOWN TANK				
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- NOTES**
1. FOR PERMANENT FENCE INFORMATION SEE DWG LATERO.
 2. FOR CONSTRUCTION FENCE INFORMATION SEE DWG LATERO.
 3. ALL COLORS FOR TEMPORARY BUILDINGS TO BE SHADES OF LIGHT BROWNS OR GREENS. BRIGHT PRIMARY COLOR WILL NOT BE USED.
 4. COORDINATES SHOWN ARE FOR REFERENCE ONLY.
 5. CONSTRUCTION LAYDOWN AND PARKING AREAS WILL BE SEEDED AND RETURN TO THEIR ORIGINAL CONDITION ONCE THE CONSTRUCTION IS COMPLETED.
 6. CONSTRUCTION PARKING AREA TO BE SURFACED WITH GRANULAR MATERIAL - SEE DRAWING LATERO.

BECHTEL LIMITED	
SPALDING ENERGY PROJECT	
CONSTRUCTION FACILITIES	
JOB NO.	24268-000
DRAWING NO.	C2-0000-003
REV.	B