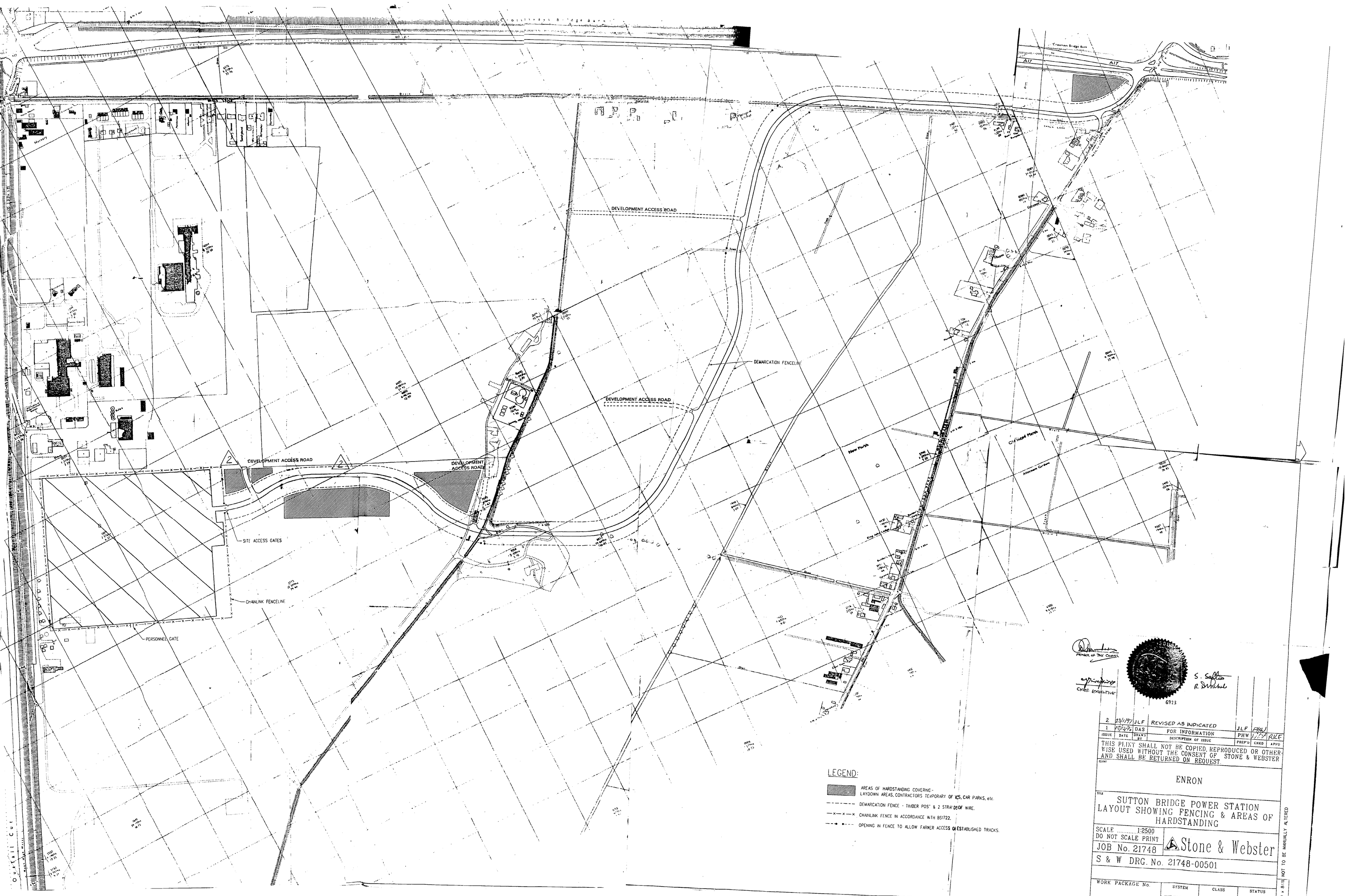


PRINCIPAL OF THE COUNCIL

CHIEF EXECUTIVE

S. Sefton
R. Dunhill

6923

ISSUE	DATE	DRAWN BY	DESCRIPTION OF ISSUE	PREP'D	CHKD	APP'D
2	23/1/97	JLF	REVISED AS INDICATED	JLF	PHW	
1	19/12/96	DAS	FOR INFORMATION	PHW	[illegible]	RKE

THIS PRINT SHALL NOT BE COPIED, REPRODUCED OR OTHERWISE USED WITHOUT THE CONSENT OF STONE & WEBSTER AND SHALL BE RETURNED ON REQUEST.

CLIENT

ENRON

TITLE

SUTTON BRIDGE POWER STATION
LAYOUT SHOWING FENCING & AREAS OF HARDSTANDING

SCALE 1:2500
DO NOT SCALE PRINT

JOB No. 21748

Stone & Webster

S & W DRG. No. 21748-00501

WORK PACKAGE No.	SYSTEM	CLASS	STATUS
	DIST. CODE		

LAST REV DATE 19 December 1996 14:00

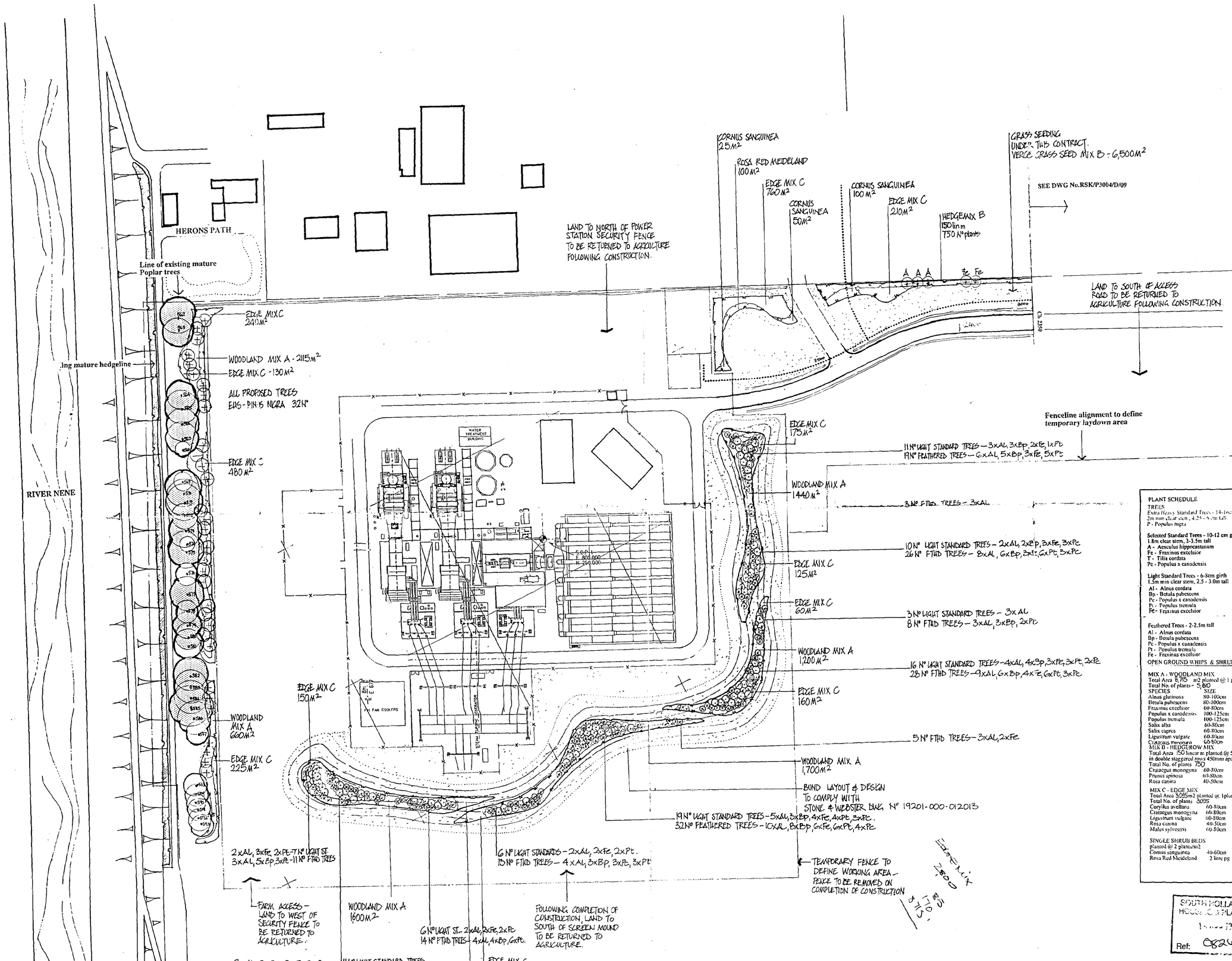
AD (1189 x 8.0) NOT TO BE MANUALLY ALTERED

P3004.

LANDSCAPE PROP. TO POWER STATION ACCESS ROAD & POWER STATION

1:1250.

PRELIMINARY



PLANT SCHEDULE

TREES

Extra Heavy Standard Trees - 14-16cm girth 2m min clear stem, 4.25 - 5.0m tall

P - Populus nigra	32

Selected Standard Trees - 10-12 cm girth 1.8m clear stem, 3-3.5m tall

A - Aesculus hippocastanium	3
Fe - Fraxinus excelsior	2
T - Tilia cordata	-
Pc - Populus x canadensis	-

Light Standard Trees - 6-8cm girth 1.5m min clear stem, 2.5 - 3.0m tall

Al - Alnus cordata	26
Bp - Betula pubescens	14
Pc - Populus x canadensis	10
Pt - Populus tremula	15
Fe - Fraxinus excelsior	22

Feathered Trees - 2-2.5m tall

Al - Alnus cordata	58
Bp - Betula pubescens	44
Pc - Populus x canadensis	15
Pt - Populus tremula	43
Fe - Fraxinus excelsior	16

OPEN GROUND WHIPS & SHRUBS

MIX A - WOODLAND MIX
Total Area 8,715 m2 planted @ 1 plant /1.5 m2
Total No. of plants - 5,810

SPECIES	SIZE	%	NO.
Alnus glutinosa	80-100cm	15	870
Betula pubescens	80-100cm	15	870
Fraxinus excelsior	60-80cm	10	580
Populus x canadensis	100-125cm	15	870
Populus tremula	100-125cm	10	580
Salix alba	60-80cm	10	580
Salix caprea	60-80cm	10	580
Ligustrum vulgare	60-80cm	7.5	435
Crataegus monogyna	60-80cm	15	495

MIX D - HEDGEROW MIX
Total Area 750 linear m planted @ 5plants/m in double staggered rows 450mm apart
Total No. of plants 750

Crataegus monogyna	60-80cm	60	450
Prunus spinosa	60-80cm	20	150
Rosa canina	40-50cm	20	150

MIX C - EDGE MIX
Total Area 3,025m2 planted @ 1plant/m2
Total No. of plants 3025

Corylus avellana	60-80cm	10	310
Crataegus monogyna	60-80cm	45	1390
Ligustrum vulgare	60-80cm	20	620
Rosa canina	40-50cm	15	465
Malus sylvestris	60-80cm	10	310

SINGLE SHRUB BEDS planted @ 2 plants/m2

Cornus sanguinea	40-60cm	350
Rosa Red Meideland	2 litre pg	200

- New access road & Chainage
- New roadside drains & direction of flow
- Existing trees to be retained
- Proposed Extra Heavy Standard
- Proposed Selected Standard tre
- Proposed Standard trees
- Proposed Light Standard Trees
- Proposed Feathered trees
- Proposed shrub mix planting
- Proposed edge mix planting
- Proposed screen mound
- Line of temporary easement fe
- Proposed alignment of Anglia water main (400mm diam)
- Proposed grass seeding

REV	AMENDMENTS	DATE
C	PLANTING MIXES AMENDED	17.6.98
B	PLANTING TO BUND & WEIRBEARE A 12.98	
A	WINDBREAK FENCING ADDED, GRASS	23.10.97
0	Drawing Issued	23.7.97

SOUTH HOLLAND DC HOUSING & PLANNING
Received 1998
Ref: 0824/98

RSK ENVIRONMENT LIMITED

Project: SUTTON BRIDGE POWER STA

Client: ENRON

Title:

BRIEF SPECIFICATION NOTES
REFER TO FULL SPECIFICATION FOR DETAILED INFORMATION
ALL PLANTING SHALL BE SUBJECT TO A YEAR MAINTENANCY PROGRAMME, WH SHALL INCLUDE REPLACEMENT PLANT WITHIN THAT PERIOD
- All landscape works shall comply with the landscape specification and be set out as sho
- Planting works to be undertaken between November 1998 - March 1999 Planting shall only be undertaken during sui weather conditions.
- All ground disturbed by landscaping operati performed under this contract shall be reins to the satisfaction of the Landscape Architec
- Topsoil for backfilling into all planting pits be sourced from on site stockpile. Topsoil s be graded from stockpile and shall be free fr all stones larger than 25mm diameter
- All trees shall conform to BS 3936: Part 1 w vigorous evenly developed crowns, and ring original leader and even fibrous root system Extra Heavy Standard Trees shall be 14-16c girth 1m above ground level , min. 2m clear and overall height 4.25-6m Selected Standard Trees shall be 10-12cm gi 1m above ground level, 1.5 - 1.8m clear stra stem and overall height 3.0 - 3.5m Standard Trees shall be 8-10cm girth 1m ab ground level, 1.25m clear straight stem and overall height 2.5 - 3.0m. Light Standard Trees shall be 6-8cm girth 1m above ground level, 1.50m clear straight stem and overall height 2.5 - 3.0m. Feathered trees shall be overall height 2-2.5m and be evenly furnished with side branches ground level
- Tree pits shall be dug at least 150mm wider 300mm deeper than existing root system/ root The sides and base of the pit shall be broken with fork and bottom forked over. After pit been dug and prior to planting, EHS trees sh be affixed to two stakes and crossbar. Selecte Standard, Standard, Light Standard & Feathe trees shall be fixed to short stakes, driven int ground at the bottom of the tree pit excavatio in such a position to allow the tree to be plac in the centre of the pit and the stake at the prevailing windward side of the tree. Planting compost to be mixed into topsoil to be used backfill the pit. Each tree pit shall be backfi with topsoil from on site stockpile and firme down among roots as planting proceeds to fi voids.
- Trees shall be well watered at time of plantin The surface of the tree pits shall be lightly fo over after completion of planting operations.
- Open ground whips and shrubs shall conform BS 3936, Part 4 and the overall size shall be of a range between 45-50cm, 50-60cm, 60-8 100-125cm. Shrubs shall be (1+1) or (1+2). They shall be well grown, established, healt well branched, well rooted, sturdy plants. T species shall have a single strong leader, shr species several stems as specified
- Container grown shrubs - overall height sha as specified, shall have several main stems w pot/tub. Container grown shrubs shall be removed from container, the pot/tub broke and root ball gently teased to loosen root en Shrubs in Hedgerow Mix B planting shall be out in a double staggered row 450mm apart, plants shall be set at intervals of 450mm apa Shrubs in Mix A, C & D shall be randomly planted at intervals of 1No per m2 in single species groups, min No 5-7.
- Planting pits for open ground whips and shr shall be not less than 300mm x 300mm x 20 deep. Sides and base of the pit shall be broke with fork and bottom forked over to an additional depth of 150mm.
- All new planting to be protected from rabbit damage as specified. Protection shall be in t form of individual guards.
- Trees and shrubs shall be planted in mulch mulching to minimise weed growth and reduce maintenance requirements.

P3004.

LANDSCAPE PROPOSALS TO POWER STATION ACCESS ROAD.

1:1250.

PRELIMINARY

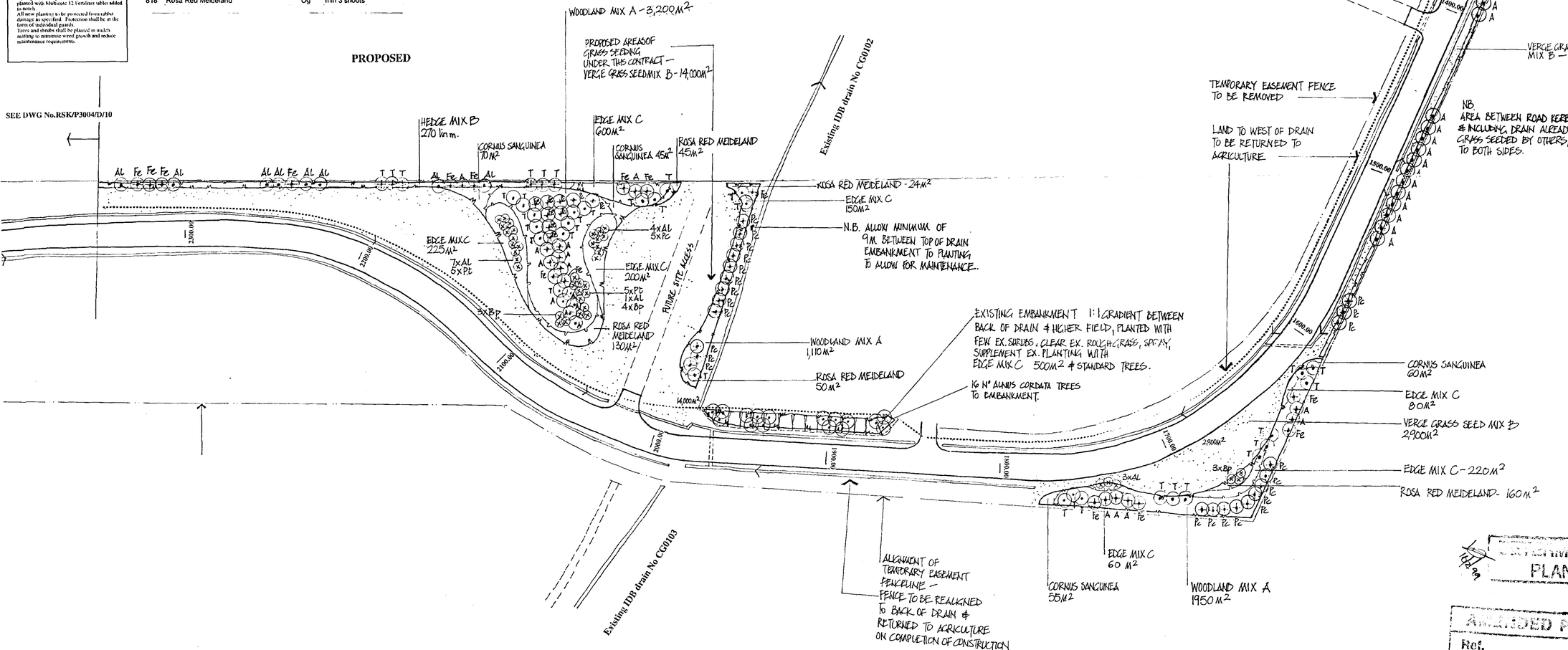
BRIEF SPECIFICATION NOTES
REFER TO FULL SPECIFICATION FOR DETAILED INFORMATION
ALL PLANTING SHALL BE SUBJECT TO A 5 YEAR MAINTENANCE PROGRAMME, WHICH SHALL INCLUDE REPLACEMENT PLANTING WITHIN THAT PERIOD

- All landscape works shall comply with the landscape specification and be set out as shown.
- Planting works to be undertaken between November 1998 - March 1999
Planting shall only be undertaken during suitable weather conditions
- All ground disturbed by landscaping operations performed under this contract shall be remediated to the satisfaction of the Landscape Architect
- Topsoil for backfilling into all tree pits shall be sourced from on site stockpile. Topsoil shall be graded from stockpile and shall be free from all stones larger than 25mm diameter.
- All trees shall conform to BS 3936, Part 1 with vigorous evenly developed crowns, and single erect leader and even fibrous root system. Extra Heavy Standard Trees shall be 14-16cm girth 1m above ground level , min 2m clear stem and overall height 4-25-6m
Selected Standard Trees shall be 10-12cm girth 1m above ground level, 1.5 - 1.8m clear straight stem and overall height 3.0 - 3.5m
Standard Trees shall be 8-10cm girth 1m above ground level, 1.75m clear straight stem and overall height 2.5 - 3.0m
Light Standard Trees shall be 6-8cm girth 1m above ground level, 1.50m clear straight stem and overall height 2.5 - 3.0m.
Feathered trees shall be overall height 2-2.5m and be evenly furnished with side branches to ground level
- Tree pits shall be dug at least 150mm wider and 75mm deeper than existing root system/ rootball. The sides and base of the pit shall be broken up with fork and bottom forked over. After pit has been dug and prior to planting, EHS trees shall be staked in two stakes and crossbar. Selected Standard, Standard, Light Standard & Feathered trees shall be fixed to short stakes, driven into the ground at the bottom of the tree pit excavation, in such a position to allow the tree to be planted in the centre of the pit and the stake at the prevailing windward side of the tree. Planting compost to be mixed into topsoil to be used to backfill the pit. Each tree pit shall be backfilled with topsoil from on site stockpile and firmed down among roots as planting proceeds to fill all voids.
- Trees shall be well watered at time of planting.
- The surface of the tree pits shall be lightly forked over after completion of planting operations.
- Open ground whips and shrubs shall conform to BS 3936, Part 4 and the overall size shall be one of a range between 60-90cm, 90-60cm, 60-80cm, 100-125cm. Shrubs shall be (1+1) or (1+2). They shall be well grown, established, healthy, well branched, well rooted, sturdy plants. Tree species shall have a single strong leader, shrub species several stems as specified.
- Container grown shrubs - over all height shall be as specified, shall have several main stems and good form. Container grown shrubs shall be removed from containers, once pit has been dug and root-ball gently tipped to loosen root ends. Shrubs in Hedgerow Mix B planting shall be set out in a double staggered row 450mm apart. plants shall be set at intervals of 450mm apart Shrubs in Mix A, C & D shall be randomly planted at intervals of 1 or 1.5No per m2 in single species groups, min No 5-7
- Open ground whips and shrubs shall be notch planted with Mulchcote 12 fertilizer tablet added to notch.
All new planting to be protected from rabbit damage as specified. Protection shall be in the form of individual guards.
Trees and shrubs shall be planted in mulch matting to minimise weed growth and reduce maintenance requirements.

PLANT SCHEDULE

QTY.	SPECIES / VARIETY	FORM	GIRTH/ HEIGHT	%
	TREES			
12	Aesculus hippocastanum	select std	10-12cm	
19	Fraxinus excelsior	select std	10-12cm	
6	Tilia cordata	select std	10-12cm	
32	Populus x canadensis	select std	10-12cm	
68	Alnus cordata	std	8-10cm	
13	Tilia cordata	std	8-10cm	
15	Alnus cordata	fthrd	2-2.5m	
10	Betula pubescens	fthrd	2-2.5m	
5	Populus x canadensis	fthrd	2-2.5m	
10	Populus tremula	fthrd	2-2.5m	
	OPEN GROUND WHIPS & SHRUBS			
	MIX A - WOODLAND MIX			
	Total Area 6305m2, planted @ 1 plant/1.5m2.			
	Total No. of plants 4203			
631	Alnus glutinosa	Og	80-100cm	15
631	Betula pubescens	Og	80-100cm	15
315	Crateagus monogyna	Og	60-80cm	7.5
420	Fraxinus excelsior	Og	60-80cm	10
315	Ligustrum vulgare	Og	60-80cm	7.5
631	Populus x canadensis	Og	100-125cm	15
420	Populus tremula	Og	100-125cm	10
420	Salix alba	Og	60-80cm	10
420	Salix caprea	Og	60-80cm	10
	MIX B - HEDGEROW MIX			
	Total Area 980 Linear m, planted @ 5 plant/lin m, in double staggered rows 450mm apart. Total No. of plants 4900			
2940	Crateagus monogyna	Og	60-80cm	60
980	Prunus spinosa	Og	60-80cm	20
980	Rosa canina	Og	40-50cm	20
	MIX C - EDGE MIX			
	Total Area 2035 m2, planted @ 1 plant/m2.			
	Total No. of plants 2035			
203	Corylus avellana	Og	60-80cm	10
916	Crateagus monogyna	Og	60-80cm	45
407	Ligustrum vulgare	Og	60-80cm	20
203	Malus sylvestris	Og	60-80cm	10
306	Rosa canina	Og	40-50cm	15
	SINGLE SHRUB BEDS			
	Planted @ 2 plants/m2			
460	Cornus sanguinea	Og	40-60cm	
818	Rosa Red Meideland	Og	min 3 shoots	

PROPOSED



KEY

- New access road & Chainage
- New roadside drains & direction of flow
- Existing trees to be retained
- Proposed Extra Heavy Standard trees
- Proposed Selected Standard trees
- Proposed Standard trees
- Proposed Light Standard Trees
- Proposed Feathered trees
- Proposed shrub mix planting
- Proposed edge mix planting
- Proposed screen mound
- Line of temporary easement fence
- Proposed alignment of Anglian water main (400mm diam)
- Proposed grass seeding

REV	AMENDMENTS	DATE	CHKD
0	Drawing Issued	20.1.99	
A	PLANTING AMENDED AS PER LPA	26.3.99	
B	PLANTING AMENDED AS PER LPA	5.12.97	
C	ADDITIONAL HEDGE TREES ADDED	17.6.98	
D	TENDER ISSUE	9.11.98	
E	ADDITIONAL PLANTING + REMARK	4.1.99	
F	ADDITIONAL TREES CH 1241-1600	26.1.99	

APPROVED PLAN
Ref.

SOUTH HOLLAND DC
HOUSING & PLANNING
- 4 FEB 1999
Ref: 0824/98

RETURNED PLAN

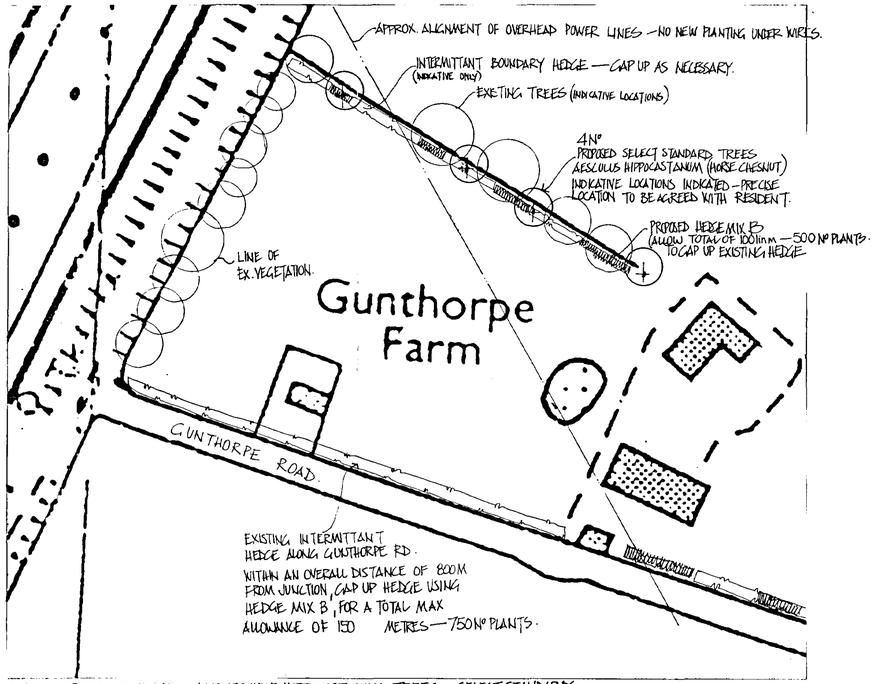
RSK ENVIRONMENT LIMITED

Project:
SUTTON BRIDGE POWER STATION

Client:
ENRON

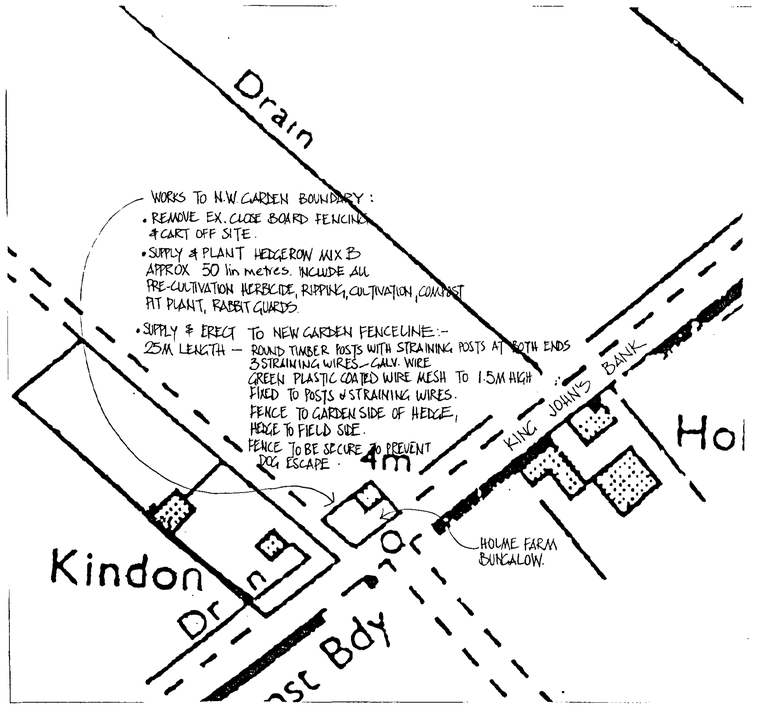
Title:
Landscape Proposals to

A
GUNTHORPE SLUICE HOUSE & FARM.

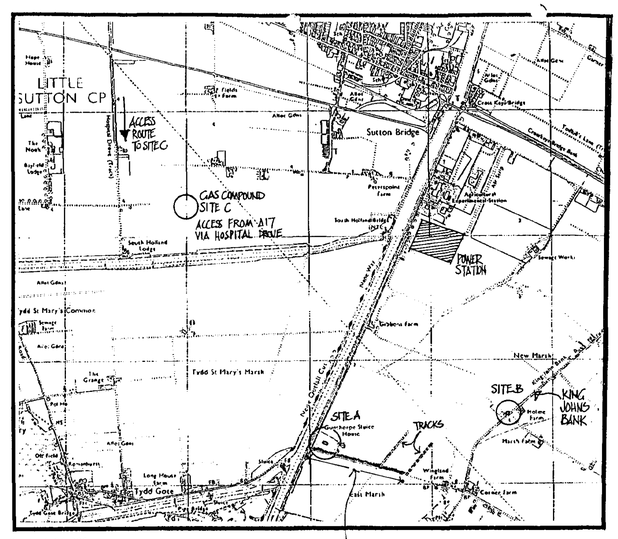


SITE A : PLANT SCHEDULE : 4 Nº AESCULUS HIPPOCASTANUM TREES – SELECT STANDARDS
250 lin m HEDGE MIX B – 1,250 Nº PLANTS.

B.
HOLME FARM BUNGALOW

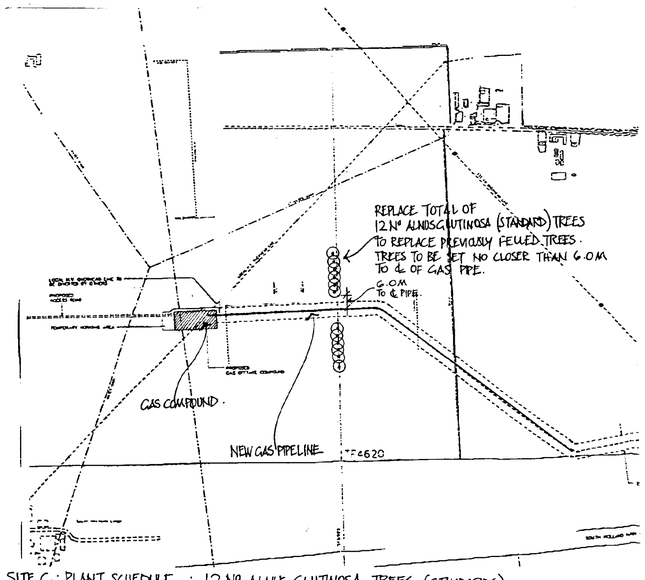


SITE B : PLANT SCHEDULE : 50 lin m HEDGE MIX B – 250 Nº PLANTS.



TOTAL P. 84

C
GAS COMPOUND



SITE C : PLANT SCHEDULE : 12 Nº ALNUS GLUTINOSA TREES (STANDARDS)

PLANT SCHEDULE

QTY.	SPECIES / VARIETY	FORM	GIRTH/ HEIGHT
	TREES		
12	Alnus glutinosa	std	8-10cm
4	Aesculus hippocastanum	select std	10-12cm
	MIX B - HEDGEROW MIX		
	Total Area 300 Linear m, planted @ 5 plant/lin m, in double staggered rows		
	450mm apart. Total No. of plants 1500		
900	Crateagus monogyna	Og	60-80cm
300	Prunus spinosa	Og	60-80cm
300	Rosa canina	Og	40-50cm

BRIEF SPECIFICATION NOTES
REFER TO FULL SPECIFICATION FOR DETAILED INFORMATION

ALL PLANTING SHALL BE SUBJECT TO A 5 YEAR MAINTENANCE PROGRAMME, WHICH SHALL INCLUDE REPLACEMENT PLANTING WITHIN THAT PERIOD

- All landscape works shall comply with the landscape specification and be set out as shown.
- Planting works to be undertaken between: November 1998 - March 1999
  Planting shall only be undertaken during suitable weather conditions
- All ground disturbed by landscaping operations performed under this contract shall be reinstated to the satisfaction of the Landscape Architect.
- Topsoil for backfilling into all tree pits shall be sourced form on site stockpile. Topsoil shall be graded from stockpile and shall be free from all stones larger than 25mm diameter
- All trees shall conform to BS 3936, Part 1 with vigorous evenly developed crowns, and single original leader and even fibrous root system.
  Extra Heavy Standard Trees shall be 14-16cm girth 1m above ground level , min. 2m clear stem and overall height 4.25-6m
  Selected Standard Trees shall be 10-12cm girth 1m above ground level, 1.5 - 1.8m clear straight stem and overall height 3.0 - 3.5m.
  Standard Trees shall be 8-10cm girth 1m above ground level, 1.75m clear straight stem and overall height 2.5 - 3.0m.
  Light Standard Trees shall be 6-8cm girth 1m above ground level, 1.50m clear straight stem and overall height 2.5 - 3.0m.
  Feathered trees shall be overall height 2-2.5m and be evenly furnished with side branches to ground level.
- Tree pits shall be dug at least 150mm wider and 25mm deeper than existing root system/ rootball. The sides and base of the pit shall be broken up with fork and bottom forked over. After pit has been dug and prior to planting, EHS trees shall be affixed to two stakes and crossbar. Selected Standard, Standard, Light Standard & Feathered trees shall be fixed to short stakes, driven into the ground at the bottom of the tree pit excavation in such a position to allow the tree to be planted in the centre of the pit and the stake at the prevailing windward side of the tree. Planting compost to be mixed into topsoil to be used to backfill the pit. Each tree pit shall be backfilled with topsoil from on site stockpile and firmed down among roots as planting proceeds to fill all voids.
- Trees shall be well watered at time of planting
- The surface of the tree pits shall be lightly forked over after completion of planting operations
- Open ground whips and shrubs shall conform to BS 3936, Part 4 and the overall size shall be one of a range between 40-50cm, 50-60cm, 60-80cm, 100-125cm. Shrubs shall be (1+1) or (1+2). They shall be well grown, established, healthy, well branched, well rooted, sturdy plants. Tree species shall have a single strong leader, shrub species several stems as specified.
- Container grown shrubs - overall height shall be as specified, shall have several main stems and good form. Container grown shrubs shall be removed from containers, once pit has been dug and root-ball gently tapped to loosen root ends. Shrubs in Hedgerow Mix B planting shall be set out in a double staggered row 450mm apart, plants shall be set at intervals of 450mm apart. Shrubs in Mix A, C & D shall be randomly planted at intervals of 1 or 1.5No per m2 in single species groups, min No 5-7.
- Open ground whips and shrubs shall be notch planted with Multicote 12 Fertilizer tablet added to notch.
  All new planting to be protected from rabbit damage as specified. Protection shall be in the form of individual guards.
  Trees and shrubs shall be planted in mulch matting to minimise weed growth and reduce maintenance requirements.

KEY

Existing trees / treelines to be retained

Proposed Selected Standard trees

Proposed Standard trees

Proposed woodland mix planting

Proposed hedgerow mix

Existing underground electricity cable

Existing mature hedge to be retained

SOUTH HOLLAND HOUSING PLANNING

-8 JAN 1999

S&T/98

REV	AMENDMENTS	D
0	Drawing issued	4

RSK ENVIRONMENT LIMITED

Project: SUTTON BRIDGE POWER

Client: ENRON

Title: Landscape Proposals Off site Properties

Drawing No: RSK/H/P3004/D/16

Scale: 1:1

Date: JAN 1999

P3004

OFF SITE LANDSCAPE PROPOSALS

1:1250

TENDER DRAWING
REVISION G

EX. POPLAR TREES TO BE RETAINED

SUTTON BRIDGE POWER STATION

PROPOSED INDUSTRIAL SITE

Existing IDB drain No CG0102

Fenceline alignment to define temporary laydown area

Alignment of proposed access road to power station

SEE DWG No.RSK/P3004/D/09

24M GAP REQUIRED BY FARMER FOR MAINTENANCE

TOTAL: 13 Nº POPULUS x CANADENSIS - not all trees shown (SELECTED STANDARD TREES @ 4M CENTRES)

HEDGE MIX B - 555lin m - 2775 Nº plants TO BE SET 1M FROM EDGE OF EX. TRACK. HEDGE TO TERMINATE AS INDICATED TO ALLOW FOR EASE OF FARM MACHINERY MANOEUVRE AROUND TRACK JUNCTION.

Existing track

MIX D 2,480M²

PROPOSED TREE & SHRUB PLANTING INDICATED ON CROSS-SECTION A – A1

A1

TOTAL 47 Nº POPULUS X CANADENSIS (SELECTED STANDARD TREES)

Existing IDB drain No CG0103

PROPOSED POPLAR TREES & SHRUB PLANTING

IDB DRAIN Nº. CG 0103

EXISTING ACCESS TRACK

6M MIN. CLEARANCE FOR ACCESS

MAINTENANCE STRIP

AGRICULTURAL LAND.

AGRICULTURAL LAND

2M MIN. CLEARANCE TO TRACK

SKETCH CROSS SECTION TO INDICATE PROPOSED PLANTING IN RELATION TO IDB DRAIN.

A A1

GIBBONS FARM

Existing track

NB. TOTAL LENGTH OF HEDGE NOT SHOWN HEDGE CONTINUES TOWARDS EAST BANK (EMBANKMENT ALONG R. NENE). HEDGE & TREES TO TERMINATE 9 METRES FROM TOE OF EMBANKMENT TO MAINTAIN INTEGRITY OF BANK.

APPROX. LOCATION OF ELECTRICITY PYLON.

HEDGE MIX B
555 lin m – 2775 Nº plants
(Hedge of double staggered rows of shrubs
rows: 450mm apart.
plants: 450mm apart.)

TOTAL 44 Nº POPULUS X CANADENSIS – not all trees shown (SELECTED STANDARD TREES C 5M CENTRES)

HEDGE MIX B
200 lin m – 1,000 Nº plants
(Hedge of double staggered rows of shrubs)
rows: 450mm apart
plants: 450mm apart.

Existing IDB drain.

TOTAL 40 Nº POPULUS X CANADENSIS (SELECTED STANDARD TREES)

MAINTAIN A MINIMUM 6M ACCESS ADJACENT TO DRAIN

Existing IDB drain No CG0106

LOCATION PLAN

PROPOSED POWER STATION

AREA COVERED BY THIS PLAN

IDB DRAIN Nº. CG0103

GIBBONS FARM

KING JOHNS BANK

KEY

- New access road & Chainage
- New roadside drains & direction of flow
- Existing trees to be retained
- Proposed Extra Heavy Standard trees
- Proposed Selected Standard trees
- Proposed Standard trees
- Proposed Light Standard Trees
- Proposed Feathered trees
- Proposed shrub mix planting
- Proposed edge mix planting
- Proposed screen mound
- Line of temporary easement fence
- Proposed alignment of Anglian water main (400mm diam)
- Proposed grass seeding

AMENDED PLAN
Ref.
SOUTH HOLLAND DC
HOUSING & PLANNING
24 MAR 1999
Ref: 0824/98

BRIEF SPECIFICATION NOTES
REFER TO FULL SPECIFICATION FOR DETAILED INFORMATION
ALL PLANTING SHALL BE SUBJECT TO A 5 YEAR MAINTENANCE PROGRAMME, WHICH SHALL INCLUDE REPLACEMENT PLANTING WITHIN THAT PERIOD

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- All trees shall conform to BS 3936; Part 1 with vigorous evenly developed crowns, and single original leader and even fibrous root system.
  Extra Heavy Standard Trees shall be 14-16cm girth 1m above ground level , min. 2m clear stem and overall height 4.25-6m
  Selected Standard Trees shall be 10-12cm girth 1m above ground level, 1.5 - 1.8m clear straight stem and overall height 3.0 - 3.5m.
  Standard Trees shall be 8-10cm girth 1m above ground level, 1.75m clear straight stem and overall height 2.5 - 3.0m.
  Light Standard Trees shall be 6-8cm girth 1m above ground level, 1.50m clear straight stem and overall height 2.5 - 3.0m.
  Feathered trees shall be overall height 2-2.5m and be evenly furnished with side branches to ground level.
- Tree pits shall be dug at least 150mm wider and 75mm deeper than existing root system/ rootball. The sides and base of the pit shall be broken up with fork and bottom forked over. After pit has been dug and prior to planting, EHS trees shall be staked to two stakes and crowbar, Selected Standard, Standard, Light Standard & Feathered trees shall be fixed to short stakes, driven into the ground at the bottom of the tree pit excavations in such a position to allow the tree to be planted in the centre of the pit and the stake at the prevailing windward side of the tree. Planting compost to be mixed into topsoil to be used to backfill the pit. Each tree pit shall be backfilled with topsoil from on site stockpile and firmed down among roots as planting proceeds to fill all voids.
- Trees shall be well watered at time of planting
- The surface of the tree pits shall be lightly forked over after completion of planting operations.
- Open ground whips and shrubs shall conform to BS 3936; Part 4 and the overall size shall be one of a range between 40-50cm, 50-60cm, 60-80cm, 100-125cm. Shrubs shall be (1+1) or (1+2). They shall be well grown, established, healthy, well branched, well rooted, sturdy plants. Tree species shall have a single strong leader, shrub species several stems as specified.
- Container grown shrubs - overall height shall be as specified, shall have several main stems and good form. Container grown shrubs shall be removed from containers, once pit has been dug and root-ball gently tapped to loosen root ends. Shrubs in Hedgerow Mix B planting shall be set out in a double staggered row 450mm apart, plants shall be set at intervals of 450mm apart. Shrubs in Mix A, C & D shall be randomly planted at intervals of 1 or 1.5No per m2 in single species groups, min No 5-7.

PLANT SCHEDULE

QTY.	SPECIES / VARIETY	FORM	GIRTH/ HEIGHT	%
	TREES			
144	Populus x canadensis	select std	10-12cm	
	OPEN GROUND WHIPS & SHRUBS			
	MIX B - HEDGEROW MIX			
	Total Area 810 Linear m, planted @ 5 plant/lin m, in double staggered rows 450mm apart. Total No. of plants 4050			
2430	Crateagus monogyna	Og	60-80cm	60
810	Prunus spinosa	Og	60-80cm	20
810	Rosa canina	Og	40-50cm	20
	MIX D			
	Total Area 2480 m2, planted @ 1 plant/m2. Total No. of plants 2495			
250	Alnus glutinosa	Og	100-125cm	10
250	Betula pubescens	Og	100-125cm	10
185	Cornus sanguinea	Og	40-60cm	7.5
185	Corylus avellana	Og	60-80cm	7.5

REV	AMENDMENTS	DATE	CHK
G	MIX B HEDGE TO N. OF FARM REMOVED ADDITIONAL TREES ADDED	1.3.99	
F	ADDITIONAL PLANTING TO TRACKS	24.2.99	
E	ADDITIONAL TREES ADDED	4.1.99	
D	TENDER ISSUE.	10.11.98	
C	MIX D SCHEME AMENDED	17.9.98	
B	PLANTING AMENDED IN SUBSTA	4.12.97	
A	PLANTING PROPOSALS AMENDED	14.10.97	
0	Drawing Issued	20.7.97	

RSK ENVIRONMENT LIMITED

Project: SUTTON BRIDGE POWER STATIO

Client: ENRON

Title: Off Site

P3004.

LANDSCAPE PROPOSALS TO POWER STATION ACCESS ROAD.

1:1250.

PRELIMINARY

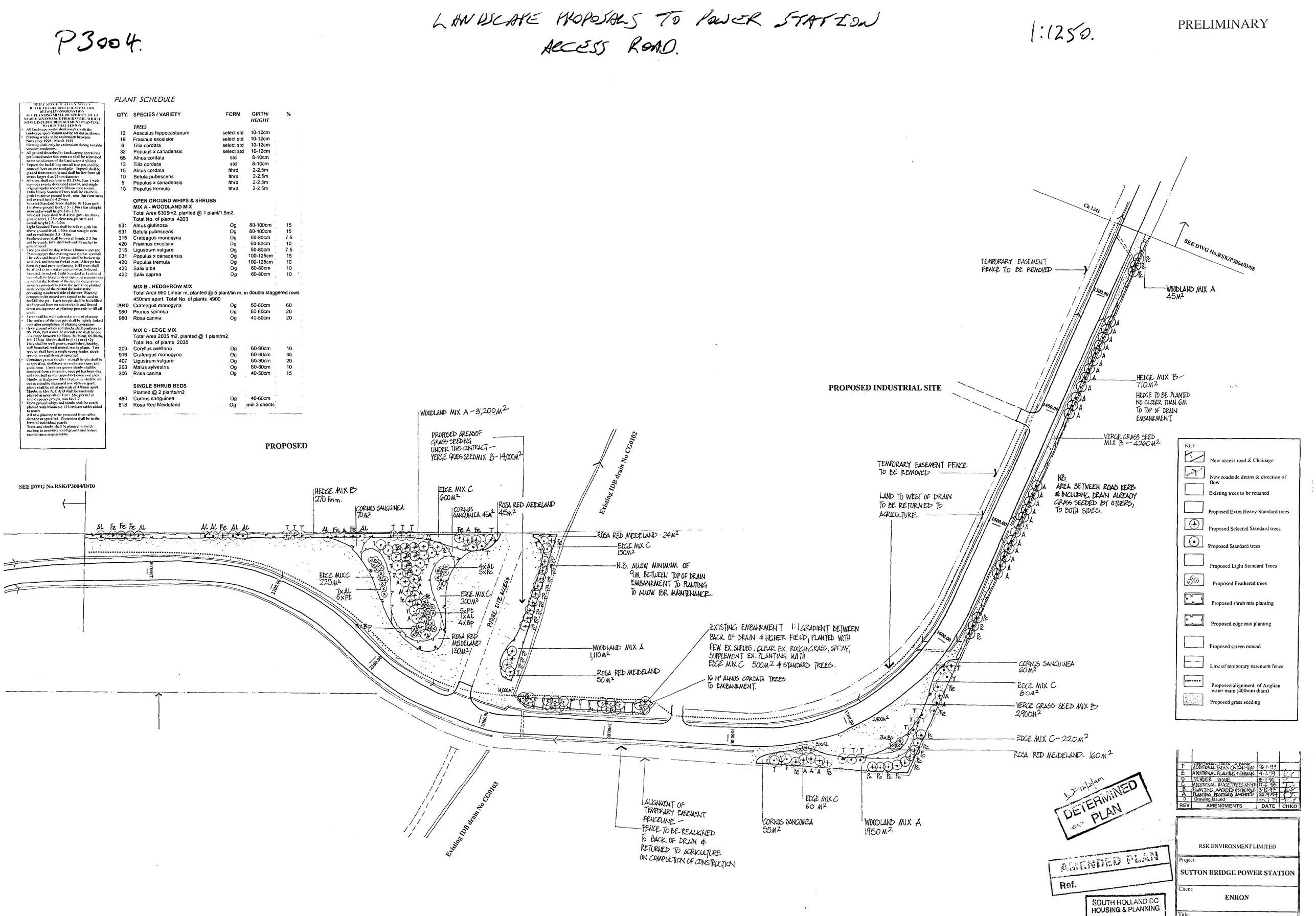
BRIEF SPECIFICATION NOTES
REFER TO FULL SPECIFICATION FOR DETAILED INFORMATION

ALL PLANTING SHALL BE SUBJECT TO A 5 YEAR MAINTENANCE PROGRAMME, WHICH SHALL INCLUDE REPLACEMENT PLANTING WITHIN THAT PERIOD

- All landscape works shall comply with the landscape specification and be set out as shown.
- Planting works to be undertaken between November 1998 - March 1999
  Planting shall only be undertaken during suitable weather conditions.
- All ground disturbed by landscaping operations performed under this contract shall be reinstated to the satisfaction of the Landscape Architect
- Topsoil for backfilling into all tree pits shall be sourced from on site stockpile. Topsoil shall be graded from stockpile and shall be free from all stones larger than 25mm diameter
- All trees shall conform to BS 3936, Part 1 with vigorous evenly developed crowns, and single original leader and even fibrous root system.
  Extra Heavy Standard Trees shall be 14-16cm girth 1m above ground level , min. 2m clear stem and overall height 4.25-6m
  Selected Standard Trees shall be 10-12cm girth 1m above ground level, 1.5 - 1.8m clear straight stem and overall height 3.0 - 3.5m
  Standard Trees shall be 8-10cm girth 1m above ground level, 1.75m clear straight stem and overall height 2.5 - 3.0m
  Light Standard Trees shall be 6-8cm girth 1m above ground level, 1.50m clear straight stem and overall height 2.5 - 3.0m.
  Feathered trees shall be overall height 2-2.5m and be evenly furnished with side branches to ground level
- Tree pits shall be dug at least 150mm wider and 75mm deeper than existing root system/ rootball The sides and base of the pit shall be broken up with fork and bottom forked over. After pit has been dug and prior to planting, EHS trees shall be allocated two stakes and crossbar. Selected Standard, Standard, Light Standard & Feathered trees shall be fixed to short stakes, driven into the ground at the bottom of the tree pit excavation in such a position to allow the tree to be planted in the centre of the pit and the stake at the prevailing windward side of the tree. Planting compost to be mixed into topsoil to be used to backfill the pit. Each tree pit shall be backfilled with topsoil from on site stockpile and firmed down among roots as planting proceeds to fill all voids.
- Trees shall be well watered at time of planting
- The surface of the tree pits shall be lightly forked over after completion of planting operations
- Open ground whips and shrubs shall conform to BS 3936, Part 4 and the overall size shall be one of a range between 40-50cms, 50-60cm, 60-80cm, 100-125cm. Shrubs shall be (1+1) or (1+2). They shall be well grown, established, healthy, well branched, well rooted, sturdy plants. Tree species shall have a single strong leader, shrub species several stems as specified
- Container grown shrubs - overall height shall be as specified, shall have several main stems and good form. Container grown shrubs shall be removed from containers, once pit has been dug and root-ball gently teased to loosen root ends. Shrubs in Hedgerow Mix B planting shall be set out in a double staggered row 450mm apart, plants shall be set at intervals of 450mm apart. Shrubs in Mix A, C & D shall be randomly planted at intervals of 1 or 1.50s per m2 in single species groups, min No 5-7.
- Open ground whips and shrubs shall be notch planted with Multicote 12 fertiliser tablet added to notch.
  All new planting to be protected from rabbit damage as specified. Protection shall be in the form of individual guards
  Trees and shrubs shall be planted in mulch matting to minimise weed growth and reduce maintenance requirements.

PLANT SCHEDULE

QTY.	SPECIES / VARIETY	FORM	GIRTH/ HEIGHT	%
	TREES			
12	Aesculus hippocastanum	select std	10-12cm	
19	Fraxinus excelsior	select std	10-12cm	
6	Tilia cordata	select std	10-12cm	
32	Populus x canadensis	select std	10-12cm	
68	Alnus cordata	std	8-10cm	
13	Tilia cordata	std	8-10cm	
15	Alnus cordata	tthrd	2-2.5m	
10	Betula pubescens	tthrd	2-2.5m	
5	Populus x canadensis	tthrd	2-2.5m	
10	Populus tremula	tthrd	2-2.5m	
	OPEN GROUND WHIPS & SHRUBS			
	MIX A - WOODLAND MIX			
	Total Area 6305m2, planted @ 1 plant/1.5m2,			
	Total No. of plants 4203			
631	Alnus glutinosa	Og	80-100cm	15
631	Betula pubescens	Og	80-100cm	15
315	Crateagus monogyna	Og	60-80cm	7.5
420	Fraxinus excelsior	Og	60-80cm	10
315	Ligustrum vulgare	Og	60-80cm	7.5
631	Populus x canadensis	Og	100-125cm	15
420	Populus tremula	Og	100-125cm	10
420	Salix alba	Og	60-80cm	10
420	Salix caprea	Og	60-80cm	10
	MIX B - HEDGEROW MIX			
	Total Area 980 Linear m, planted @ 5 plant/lin m, in double staggered rows 450mm apart. Total No. of plants 4900			
2940	Crateagus monogyna	Og	60-80cm	60
980	Prunus spinosa	Og	60-80cm	20
980	Rosa canina	Og	40-50cm	20
	MIX C - EDGE MIX			
	Total Area 2035 m2, planted @ 1 plant/m2,			
	Total No. of plants 2035			
203	Corylus avellana	Og	60-80cm	10
916	Crateagus monogyna	Og	60-80cm	45
407	Ligustrum vulgare	Og	60-80cm	20
203	Malus sylvestris	Og	60-80cm	10
306	Rosa canina	Og	40-50cm	15
	SINGLE SHRUB BEDS			
	Planted @ 2 plants/m2			
460	Cornus sanguinea	Og	40-60cm	
818	Rosa Red Meideland	Og	min 3 shoots	



REV	AMENDMENTS	DATE	CHKD
F	ADDITIONAL TREES ON BANK. ADDITIONAL TREES ON EAST SIDE	26.1.99	
E	ADDITIONAL PLANTING + EMBANK.	4.1.99	
D	TENDER ISSUE	16.11.98	
C	ADDITIONAL HEDGE TREES ADDED	17.6.98	
B	PLANTING AMENDED/SCHEME	5.12.97	
A	PLANTING PROPOSALS AMENDED	26.9.97	
0	Drawing Issued	20.1.97	

DETERMINED PLAN

AMENDED PLAN

Ref.

SOUTH HOLLAND DC HOUSING & PLANNING 4 FEB 1999

RSK ENVIRONMENT LIMITED

Project: SUTTON BRIDGE POWER STATION

Client: ENRON

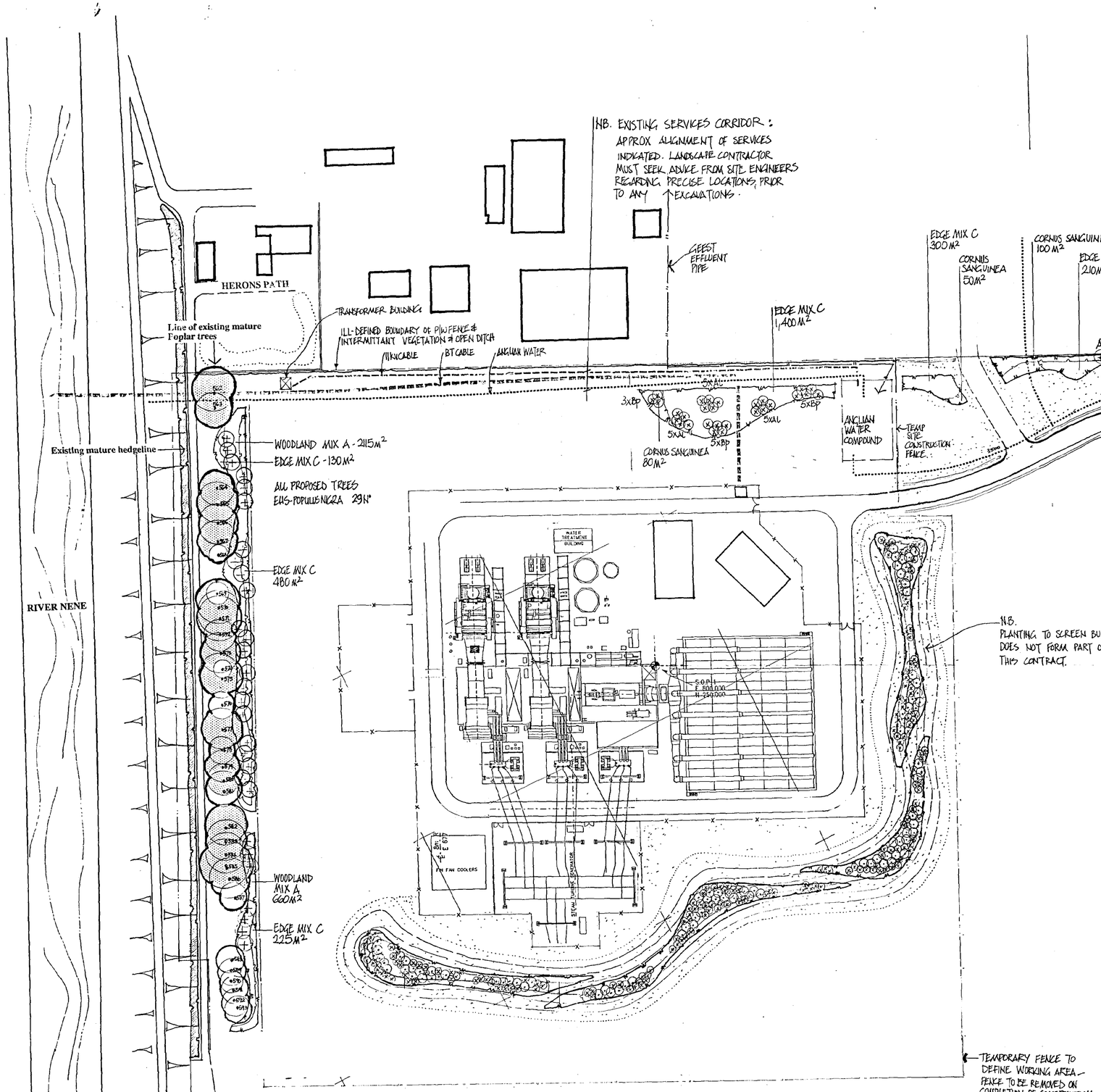
Title:

P3004.

LANDSCAPE PROP. TO POWER STATION ACCESS ROAD & POWER STATION

1:1250.

PRELIMINARY



BRIEF SPECIFICATION NOTES
REFER TO FULL SPECIFICATION FOR DETAILED INFORMATION
ALL PLANTING SHALL BE SUBJECT TO A 5 YEAR MAINTENANCE PROGRAMME, WHICH SHALL INCLUDE REPLACEMENT PLANTING WITHIN THAT PERIOD

- All landscape works shall comply with the landscape specification and be set out as shown.
- Planting works to be undertaken between: November 1998 - March 1999
- Planting shall only be undertaken during suitable weather conditions.
- All ground disturbed by landscaping operations performed under this contract shall be reinstated to the satisfaction of the Landscape Architect.
- Topsoil for backfilling into all tree pits shall be sourced from on site stockpile. Topsoil shall be graded from stockpile and shall be free from all stones larger than 25mm diameter.
- All trees shall conform to BS 3936; Part 1 with vigorous evenly developed crowns, and single original leader and even fibrous root system.
- Extra Heavy Standard Trees shall be 14-16cm girth 1m above ground level, min 2m clear stem and overall height 4.25-6m.
- Selected Standard Trees shall be 10-12cm girth 1m above ground level, 1.5 - 1.8m clear straight stem and overall height 3.0 - 3.5m.
- Standard Trees shall be 8-10cm girth 1m above ground level, 1.75m clear straight stem and overall height 2.5 - 3.0m.
- Light Standard Trees shall be 6-8cm girth 1m above ground level, 1.50m clear straight stem and overall height 2.5 - 3.0m.
- Feathered trees shall be overall height 2-2.5m and be evenly furnished with side branches to ground level.
- Tree pits shall be dug at least 150mm wider and 150mm deeper than existing root system/ rootball. The sides and base of the pit shall be broken up with fork and bottom forked over. After pit has been dug and prior to planting, EHS trees shall be afixed to two stakes and crossbar. Selected Standard, Standard, Light Standard & Feathered trees shall be fixed to short stakes, driven into the ground at the bottom of the tree pit excavation, in such a position to allow the tree to be planted in the centre of the pit and the stake at the prevailing windward side of the tree. Planting compost to be mixed into topsoil to be used to backfill the pit. Each tree pit shall be backfilled with topsoil from on site stockpile and firmed down among roots as planting proceeds to fill all voids.
- Trees shall be well watered at time of planting.
- The surface of the tree pits shall be lightly forked over after completion of planting operations.
- Open ground whips and shrubs shall conform to BS 3936; Part 4 and the overall size shall be one of a range between 40-50cm, 50-60cm, 60-80cm, 100-125cm. Shrubs shall be (1+1) or (1+2). They shall be well grown, established, healthy, well branched, well rooted, sturdy plants. Tree species shall have a single strong leader, shrub species several stems as specified.
- Container grown shrubs - overall height shall be as specified, shall have several main stems and good form. Container grown shrubs shall be removed from containers, once pit has been dug and root ball gently tapped to loosen root ends. Shrubs in Hedgrow Mix B planting shall be set out in a double staggered row 450mm apart, plants shall be set at intervals of 450mm apart. Shrubs in Mix A, C & D shall be randomly planted at intervals of 1 or 1.35m per m2 in single species groups, min No 5-7.
- Open ground whips and shrubs shall be notch planted with Multicote 12 Fertilizer tablet added in notch.
- All new planting to be protected from rabbit damage as specified. Protection shall be in the form of individual guards.
- Trees and shrubs shall be planted in mulch, matting to minimise weed growth and reduce maintenance requirements.

PLANT SCHEDULE

QTY.	SPECIES / VARIETY	FORM	GIRTH/ HEIGHT	%
	TREES			
29	Populus nigra	ext.h. std	14-16cm	
3	Aesculus hippocastanum	select std.	10-12cm	
2	Fraxinus excelsior	select std.	10-12cm	
15	Alnus cordata	fthd	2-2.5m	
13	Betula pubescens	fthd	2-2.5m	
	OPEN GROUND WHIPS & SHRUBS			
	MIX A - WOODLAND MIX			
	Total Area 2775m2, planted @ 1 plant/1.5m2,			
	Total No. of plants 1850			
280	Alnus glutinosa	Og	80-100cm	15
280	Betula pubescens	Og	80-100cm	15
140	Crateagus monogyna	Og	60-80cm	7.5
185	Fraxinus excelsior	Og	60-80cm	10
140	Ligustrum vulgare	Og	60-80cm	7.5
280	Populus x canadensis	Og	100-125cm	15
185	Populus tremula	Og	100-125cm	10
185	Salix alba	Og	60-80cm	10
185	Salix caprea	Og	60-80cm	10
	MIX B - HEDGEROW MIX			
	Total Area 150 Linear m, planted @ 5 plant/lin m, in double staggered rows 450mm apart. Total No. of plants 750			
450	Crateagus monogyna	Og	60-80cm	60
150	Prunus spinosa	Og	60-80cm	20
150	Rosa canina	Og	40-50cm	20
	MIX C - EDGE MIX			
	Total Area 2615 m2, planted @ 1 plant/m2,			
	Total No. of plants 2615			
261	Corylius avellana	Og	80-80cm	10
1177	Crateagus monogyna	Og	60-80cm	45
523	Ligustrum vulgare	Og	60-80cm	20
262	Malus sylvestris	Og	60-80cm	10
392	Rosa canina	Og	40-50cm	15
	SINGLE SHRUB BEDS			
	Planted @ 2 plants/m2			
460	Cornus sanguinea	Og	40-60cm	

KEY

- New access road & Chainage
- New roadside drains & direction of flow
- Existing trees to be retained
- Proposed Extra Heavy Standard trees
- Proposed Selected Standard trees
- Proposed Standard trees
- Proposed Light Standard Trees
- Proposed Feathered trees
- Proposed shrub mix planting
- Proposed edge mix planting
- Proposed screen mound
- Line of temporary easement fence
- Proposed alignment of Anglian water main (400mm diam)
- Proposed grass seeding

REV	AMENDMENTS	DATE	CHKD
F	ADDITIONAL TREES TO N. BUND	26.1.99	
E	ADDITIONAL PLANT TO N. BUND	4.1.99	
D	TENDER ISSUE.	15.11.98	
C	PLANTING MIXES AMENDED	17.6.98	
B	PLANTING TO BUND & VERGES AMENDED	12.3.98	
A	WINDBREAK FENCING ADDED ONLY	23.10.97	
0	Drawing Issued	25.9.97	

DETERMINED PLAN

AMENDED PLAN
Ref.

SOUTH HOLLAND DC
HOUSING & PLANNING

RSK ENVIRONMENT LIMITED

Project: SUTTON BRIDGE POWER STATION

Client: ENRON

Title: Landscape Proposals to

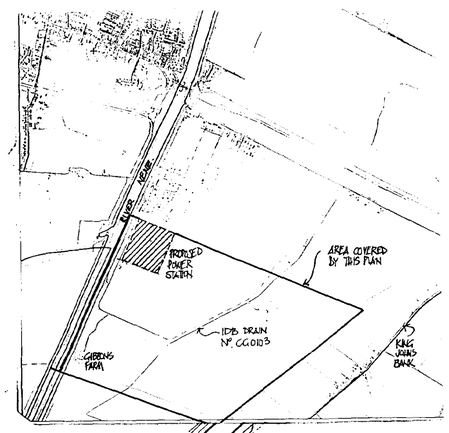
P3004

OFF SITE LANDSCAPE PROPOSALS

1:1250

PRELIMINARY

LOCATION PLAN



EX. POPLAR TREES TO BE RETAINED

SUTTON BRIDGE POWER STATION

PROPOSED INDUSTRIAL SITE

Existing IDB drain No CG0102

Fenceline alignment to define temporary laydown area

Alignment of proposed access road to power station

SEE DWG No.RSK/P3004/D/09

TOTAL: 6 N° POPULUS x CANADENSIS (SELECTED STANDARD TREES)

HEDGE MIX B – 90 lin m – 450 N° plants

Existing track

TOTAL 47 N° POPULUS x CANADENSIS (SELECTED STANDARD TREES)

MIX D 2,480 m2

PROPOSED TREE & SHRUB PLANTING INDICATED ON CROSS-SECTION A – A1

A

A1

PROPOSED POPLAR TREES & SHRUB PLANTING

IDB DRAIN N°. CG 0103

MAINTENANCE STRIP

AGRICULTURAL LAND

EXISTING ACCESS TRACK

6M MIN CLEARANCE FOR ACCESS

2M MIN. CLEARANCE TO TRACK

AGRICULTURAL LAND

SKETCH CROSS SECTION TO INDICATE PROPOSED PLANTING IN RELATION TO IDB DRAIN.

A

A1

GIBBONS FARM

Existing track

NB. TOTAL LENGTH OF HEDGE NOT SHOWN HEDGE CONTINUES TOWARDS EAST BANK (EMBANKMENT ALONG R.NENE). HEDGE & TREES TO TERMINATE 9 METRES FROM TOE OF EMBANKMENT TO MAINTAIN INTEGRITY OF BANK.

TOTAL 15N° POPULUS x CANADENSIS (SELECTED STANDARD TREES)

HEDGE MIX B 200 lin m – 1,000 N° plants (Hedge of double staggered rows of shrubs) rows: 450mm apart plants: 450mm apart.

Existing IDB drain

APPROX. LOCATION OF ELECTRICITY PYLON.

HEDGE MIX B 555 lin m – 2775 N° plants (Hedge of double staggered rows of shrubs rows: 450 mm apart. plants: 450mm apart.)

TOTAL 40 N° POPULUS x CANADENSIS (SELECTED STANDARD TREES)

MAINTAIN A MINIMUM 6M ACCESS ADJACENT TO DRAIN

Existing IDB drain No CG0106

KEY

- New access road & Chainage
- New roadside drains & direction of flow
- Existing trees to be retained
- Proposed Extra Heavy Standard trees
- Proposed Selected Standard trees
- Proposed Standard trees
- Proposed Light Standard Trees
- Proposed Feathered trees
- Proposed shrub mix planting
- Proposed edge mix planting
- Proposed screen mound
- Line of temporary easement fence
- Proposed alignment of Anglian water main (400mm diam)
- Proposed grass seeding

SOUTH HOLLAND DC HOUSING & PLANNING - 4 FEB 1999 Ref: 0824/98

PLANT SCHEDULE

QTY.	SPECIES / VARIETY	FORM	GIRTH/ HEIGHT	%
	TREES			
108	Populus x canadensis	select std	10-12cm	
	OPEN GROUND WHIPS & SHRUBS			
	MIX B - HEDGEROW MIX			
	Total Area 845 Linear m, planted @ 5 plant/lin m, in double staggered rows 450mm apart. Total No. of plants 4225			
2535	Crataegus monogyna	Og	60-80cm	60
845	Prunus spinosa	Og	60-80cm	20
845	Rosa canina	Og	40-50cm	20
	MIX D			
	Total Area 2480 m2, planted @ 1 plant/m2.			
	Total No. of plants 2495			
250	Alnus glutinosa	Og	100-125cm	10
250	Betula pubescens	Og	100-125cm	10
185	Cornus sanguinea	Og	40-60cm	7.5

BRIEF SPECIFICATION NOTES
REFER TO FULL SPECIFICATION FOR DETAILED INFORMATION
ALL PLANTING SHALL BE SUBJECT TO A 5 YEAR MAINTENANCE PROGRAMME, WHICH SHALL INCLUDE REPLACEMENT PLANTING WITHIN THAT PERIOD

- All landscape works shall comply with the landscape specification and be set out as shown.
- Planting works to be undertaken between- November 1998 - March 1999
  Planting shall only be undertaken during suitable weather conditions.
- All ground disturbed by landscaping operations performed under this contract shall be reinstated to the satisfaction of the Landscape Architect.
- Topsoil for backfilling into all tree pits shall be sourced from on site stockpile. Topsoil shall be graded from stockpile and shall be free from all stones larger than 25mm diameter
- All trees shall conform to BS 3936, Part 1 with vigorous evenly developed crowns, and single original leader and even fibrous root system.
  Extra Heavy Standard Trees shall be 14-16cm girth 1m above ground level , min. 2m clear stem and overall height 4.25-6m.
  Selected Standard Trees shall be 10-12cm girth 1m above ground level, 1.5 - 1.8m clear straight stem and overall height 3.0 - 3.5m.
  Standard Trees shall be 8-10cm girth 1m above ground level, 1.75m clear straight stem and overall height 2.5 - 3.0m.
  Light Standard Trees shall be 6-8cm girth 1m above ground level, 1.50m clear straight stem and overall height 2.5 - 3.0m.
  Feathered trees shall be overall height 2-2.5m and be evenly furnished with side branches to ground level.
- Tree pits shall be dug at least 150mm wider and 75mm deeper than existing root system/ rootball. The sides and base of the pit shall be broken up with fork and bottom forked over. After pit has been dug and prior to planting, EHS trees shall be afixed to two stakes and crowbar, Selected Standard, Standard, Light Standard & Feathered trees shall be fixed to short stakes, driven into the ground at the bottom of the tree pit excavations at such a possition to allow the tree to be planted in the centre of the pit and the stake at the prevailing windward side of the tree. Planting compost to be mixed into topsoil to be used to backfill the pit. Each tree pit shall be backfilled with topsoil from on site stockpile and firmed down among roots as planting proceeds to fill all voids.
- Trees shall be well watered at time of planting. The surface of the tree pits shall be lightly forked over after completion of planting operations.
- Open ground whips and shrubs shall conform to BS 3936, Part 4 and the overall size shall be one of a range between 40-50cm, 50-60cm, 60-80cm, 100-125cm. Shrubs shall be (1+1) or (1+2). They shall be well grown, established, healthy, well branched, well rooted, sturdy plants. Tree species shall have a single strong leader, shrub species several stems as specified.
- Container grown shrubs - overall height shall be as specified, shallhave several main stems and good form. Container grown shrubs shall be removed from containers, once pit has been dug and root-ball gently tapped to loosen root ends. Shrubs in Hedgerow Mix B planting shall be set out in a double staggered row 450mm apart, plants shall be set at asecvals of 450mm apart. Shrubs in Mix A, C & D shall be randomly planted at intervals of 1 or 1.50 per m2 in

REV	AMENDMENTS	DATE	CHK
F	ADDITIONAL PLANTING TO PADS	29.1.99	
E	ADDITIONAL TREES ADDED	4.1.99	
D	TENDER ISSUE	10.11.98	
C	MIX D SCHEME AMENDED	17.6.98	
B	PLANTING AMENDED & SUBMITTED	4.12.97	
A	PLANTING PROPOSALS AMENDED	14.10.97	
0	Drawing Issued	26.9.97	

PLAN

RSK ENVIRONMENT LIMITED

Project: SUTTON BRIDGE POWER STATION

Client: ENRON

Title: Off Site

P3004.

LANDSCAPE PROPOSALS TO POWER STATION ACCESS ROAD.

1:1250.

PRELIMINARY

(A17)T

(A17)T

TEMPORARY EASEMENT FENCE TO BE REMOVED

AREA TO NORTH SIDE OF DRAIN TO BE RETURNED TO AGRICULTURE

0.00

Former alignment of King Johns Bank

600.00 500.00 400.00 300.00 200.00 100.00 700.00

MARIGOLD LODGE

ROSA RED MEIDELAND 75M2

EDGE MIX C - 220M2

CORNUS SANGUINEA 60M2

3xBP

HEDGE MIX B 1090M2 N.B. HEDGE TO BE PLANTED NO CLOSER THAN 6M TO TOP OF DRAINAGE EMBANKMENT.

VERGE TO SOUTH OF ACCESS ROAD PREVIOUSLY SEEDED BY OTHERS.

Existing Chalk Lane drain

CHALK LANE

THE BUNGALOW

TYVAN

KING JOHNS BANK

CAMWOOD

TEMPORARY EASEMENT FENCE TO BE REMOVED.

AREA TO WEST SIDE OF DRAIN TO BE RETURNED TO AGRICULTURE.

EXISTING RIGHT OF WAY TO BE MAINTAINED TO EAST OF PROPOSED PLANTING BELT.

900.00

PROPOSED GRASS SEEDING UNDER THIS CONTRACT VERGE GRASS SEED MIX B - 3,630M2

WOODLAND MIX A 2350M2

EXISTING RIGHT OF WAY TO BE MAINTAINED TO EAST OF PROPOSED PLANTING BELT.

1000.00

CORNUS SANGUINEA - 85M2

EDGE MIX C - 540M2

TEMPORARY EASEMENT FENCE TO BE REMOVED.

WOODLAND MIX A 4750M2

AREA TO WEST OF DRAIN TO BE RETURNED TO AGRICULTURE.

1100.00

3 x AL (rear) 3x Bp (Front)

3xAL

3xAL

CORNUS SANGUINEA - 150M2

VERGE - GRASS SEED MIX B 1,560M2

1200.00

540 exist. 4750 W.M.A.

540 exist. 4750 W.M.A.

SOUTH HOLLAND DC HOUSING & PLANNING -8 JAN 1999 Ref: 824/98

KEY

- New access road & Chainage
- New roadside drains & direction of flow
- Existing trees to be retained
- Proposed Extra Heavy Standard trees
- Proposed Selected Standard trees
- Proposed Standard trees
- Proposed Light Standard Trees
- Proposed Feathered trees
- Proposed shrub mix planting
- Proposed edge mix planting
- Proposed screen mound
- Line of temporary easement fence
- Proposed alignment of Anglian water main (400mm diam)
- Proposed grass seeding

PLANT SCHEDULE

QTY.	SPECIES / VARIETY	FORM	GIRTH/ HEIGHT	%
	TREES			
12	Aesculus hippocastanum	select std	10-12cm	
12	Fraxinus excelsior	select std	10-12cm	
0	Tilia cordata	select std	10-12cm	
41	Populus x canadensis	select std	10-12cm	
35	Alnus cordata	std	8-10cm	
23	Tilia cordata	std	8-10cm	
9	Alnus cordata	fthrd	2-2.5m	
6	Betula pubescens	fthrd	2-2.5m	
	OPEN GROUND WHIPS & SHRUBS			
	MIX A - WOODLAND MIX			
	Total Area 7100m2, planted @ 1 plant/1.5m2.			
	Total No. of plants 4735			
711	Alnus glutinosa	Og	80-100cm	15
711	Betula pubescens	Og	80-100cm	15
355	Crateagus monogyna	Og	60-80cm	7.5
473	Fraxinus excelsior	Og	60-80cm	10
355	Ligustrum vulgare	Og	60-80cm	7.5
711	Populus x canadensis	Og	100-125cm	15
473	Populus tremula	Og	100-125cm	10
473	Salix alba	Og	60-80cm	10
473	Salix caprea	Og	60-80cm	10
	MIX B - HEDGEROW MIX			
	Total Area 1090 Linear m, planted @ 5 plant/lin m, in double staggered rows 450mm apart. Total No. of plants 5450			
3270	Crateagus monogyna	Og	60-80cm	60
1090	Prunus spinosa	Og	60-80cm	20
1090	Rosa canina	Og	40-50cm	20
	MIX C - EDGE MIX			
	Total Area 760 m2, planted @ 1 plant/m2.			
	Total No. of plants 760			
75	Corylus avellana	Og	60-80cm	10
335	Crateagus monogyna	Og	60-80cm	45
150	Ligustrum vulgare	Og	60-80cm	20

BRIEF SPECIFICATION NOTES
REFER TO FULL SPECIFICATION FOR DETAILED INFORMATION

ALL PLANTING SHALL BE SUBJECT TO A 5 YEAR MAINTENANCE PROGRAMME, WHICH SHALL INCLUDE REPLACEMENT PLANTING WITHIN THAT PERIOD

- All landscape works shall comply with the landscape specification and be set out as shown.
- Planting works to be undertaken between November 1998 - March 1999. Planting shall only be undertaken during suitable weather conditions.
- All ground disturbed by landscaping operations performed under this contract shall be reinstated to the satisfaction of the Landscape Architect.
- Topsoil for backfilling into all tree pits shall be sourced from on site stockpile. Topsoil shall be graded from stockpile and shall be free from all stones larger than 25mm diameter
- All trees shall conform to BS 3936, Part 1 with vigorous evenly developed crowns, and single original leader and even fibrous root system. Extra Heavy Standard Trees shall be 14-16cm girth 1m above ground level , min. 2m clear stem and overall height 4.25-6m. Selected Standard Trees shall be 10-12cm girth 1m above ground level, 1.5 - 1.8m clear straight stem and overall height 3.0 - 3.5m. Standard Trees shall be 8-10cm girth 1m above ground level, 1.75m clear straight stem and overall height 2.5 - 3.0m. Light Standard Trees shall be 6-8cm girth 1m above ground level, 1.50m clear straight stem and overall height 2.5 - 3.0m. Feathered trees shall be overall height 2-2.5m and be evenly furnished with side branches to ground level
- Tree pits shall be dug at least 150mm wider and 75mm deeper than existing root system/ rootball. The sides and base of the pit shall be broken up with fork and bottom forked over. After pit has been dug and prior to planting, EHS trees shall be afixed to two stakes and crossbar. Selected Standard, Standard, Light Standard & Feathered trees shall be fixed to short stakes, driven into the ground at the bottom of the tree pit in such a position to allow the tree to be planted in the centre of the pit and the stake at the prevailing windward side of the tree. Planting compost to be mixed into topsoil to be used for backfill the pit. Each tree pit shall be backfilled with topsoil from on site stockpile and firmed down among roots as planting proceeds to fill all voids.
- Trees shall be well watered at time of planting
- The surface of the tree pits shall be lightly forked over after completion of planting operations.
- Open ground whips and shrubs shall conform to BS 3936, Part 4 and the overall size shall be one of a range between 40-50cm, 50-60cm, 60-80cm, 100-125cm. Shrubs shall be (1+1) or (1+2). They shall be well grown, established, healthy, well branched, well rooted, sturdy plants. Tree species shall have a single strong leader, shrub species several stems as specified.
- Container grown shrubs - overall height shall be as specified, shall have several main stems and good form. Container grown shrubs shall be removed from containers, once pit has been dug and root ball gently tapped to loosen root ends. Shrubs in Hedgerow Mix B planting shall be set out in a double staggered row 450mm apart, plants shall be set at intervals of 450mm apart. Shrubs in Mix A, C & D shall be randomly planted at intervals of 1 or 1.50m per m2 as single species groups, min No 5-7.
- Open ground whips and shrubs shall be notch planted with Meltrough 12 Fertiliser tablet added

REV	AMENDMENTS	DATE	CHKD
E	ADDITIONAL PLANTING/BUND	4.1.99	
D	TENDER ISSUE	18.11.98	
C	HEDGE ADDED ALONG CHALK LANE	17.6.98	
B	PLANTING AMENDED & SCHEME	5.12.97	
A	PLANTING PROPOSALS AMENDED	26.9.97	
0	Drawing Issued	30.7.97	

RSK ENVIRONMENT LIMITED

Project: SUTTON BRIDGE POWER STATION

Client: ENRON

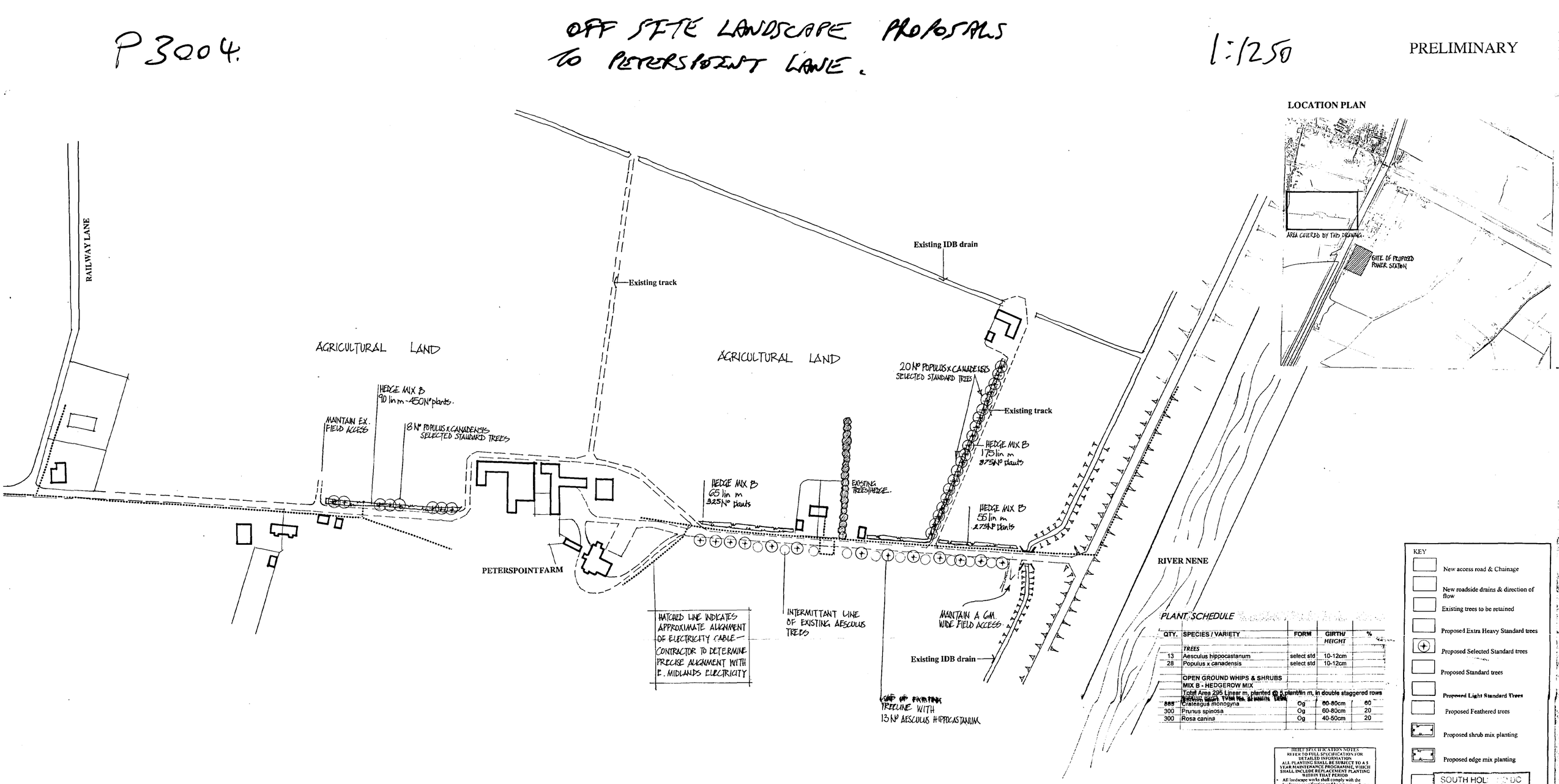
Title: Landscape Proposals to

P3004.

OFF SITE LANDSCAPE PROPOSALS TO PETERSPOINT LANE.

1:1250

PRELIMINARY



KEY

- New access road & Chainage
- New roadside drains & direction of flow
- Existing trees to be retained
- Proposed Extra Heavy Standard trees
- Proposed Selected Standard trees
- Proposed Standard trees
- Proposed Light Standard Trees
- Proposed Feathered trees
- Proposed shrub mix planting
- Proposed edge mix planting
- Proposed screen mound
- Line of temporary easement fence
- Proposed alignment of Anglian water main (400mm diam)
- Proposed grass seeding

SOUTH HOLLAND DC
RECEIVED
-8 JAN 1999
Ref: S/24/98

PLANT SCHEDULE

QTY.	SPECIES / VARIETY	FORM	GIRTH/ HEIGHT	%
	TREES			
13	Aesculus hippocastanum	select std	10-12cm	
28	Populus x canadensis	select std	10-12cm	
	OPEN GROUND WHIPS & SHRUBS			
	MIX B - HEDGEROW MIX			
	Total Area 295 Linear m, planted @ 3 plant/lin m, in double staggered rows			
885	Crataegus monogyna	0g	60-80cm	60
300	Prunus spinosa	0g	60-80cm	20
300	Rosa canina	0g	40-50cm	20

BRIEF SPECIFICATION NOTES
REFER TO FULL SPECIFICATION FOR DETAILED INFORMATION
ALL PLANTING SHALL BE SUBJECT TO A 5 YEAR MAINTENANCE PROGRAMME, WHICH SHALL INCLUDE REPLACEMENT PLANTING WITHIN THAT PERIOD

- All landscape works shall comply with the landscape specification and be set out as shown.
- Planting works to be undertaken between: November 1998 - March 1999
  Planting shall only be undertaken during suitable weather conditions.
- All ground disturbed by landscaping operations performed under this contract shall be reinstated to the satisfaction of the Landscape Architect.
- Topsoil for backfilling into all tree pits shall be sourced from on site stockpile. Topsoil shall be graded from stockpile and shall be free from all stones larger than 25mm diameter
- All trees shall conform to BS 3936, Part 1 with vigorous evenly developed crowns, and single original leader and even fibrous root system.
  Extra Heavy Standard Trees shall be 14-16cm girth 1m above ground level , min. 2m clear stem and overall height 4.25-6m
  Selected Standard Trees shall be 10-12cm girth 1m above ground level, 1.5 - 1.8m clear straight stem and overall height 3.0 - 3.5m.
  Standard Trees shall be 8-10cm girth 1m above ground level, 1.75m clear straight stem and overall height 2.5 - 3.0m.
  Light Standard Trees shall be 6-8cm girth 1m above ground level, 1.50m clear straight stem and overall height 2.5 - 3.0m.
  Feathered trees shall be overall height 2-2.5m and be evenly furnished with side branches to ground level
- Tree pits shall be dug at least 150mm wider and 75mm deeper than existing root system/ rootball The sides and base of the pit shall be broken up with fork and bottom forked over. After pit has been dug and prior to planting. EHS trees shall be staked to two stakes and crossbar. Selected Standard, Standard, Light Standard & Feathered trees shall be fixed to short stakes, driven into the ground at the bottom of the tree pit excavation in such a position to allow the tree to be planted in the centre of the pit and the stake at the prevailing windward side of the tree. Planting compost to be mixed into topsoil to be used to backfill the pit. Each tree pit shall be backfilled with topsoil from on site stockpile and firmed down among roots as planting proceeds to fill all voids.
- Trees shall be well watered at time of planting
- The surface of the tree pits shall be lightly forked over after completion of all planting operations.
- Open ground whips and shrubs shall conform to BS 3936; Part 4 and the overall size shall be one of a range between 40-50cm, 50-60cm, 60-80cm, 100-125cm. Shrubs shall be (1+1) or (1+2). They shall be well grown, established, healthy, well branched, well rooted, sturdy plants. Tree species shall have a single strong leader, shrub species several stems as specified.
- Container grown shrubs - overall height shall be as specified, shallhave several main stems and good form. Container grown shrubs shall be removed from containers, once pit has been dug and root-ball gently tapped to loosen root ends. Shrubs in Hedgerow Mix B planting shall be set out in a double staggered row 450mm apart. plants shall be set at intervals of 450mm apart. Shrubs in Mix A, C & D shall be randomly planted at intervals of 1 or 1.5No. per m2 in single species groups, min No 5-7.
- Open ground whips and shrubs shall be notch planted with a spade, the slit made by the spade shall be wide enough to allow the roots to be inserted without bending or damage. The spade shall be inserted to its full depth and then pushed forward to open the slit. The roots shall be inserted to the full depth of the slit and the spade withdrawn and the slit closed by treading the soil around the plant.
- Trees shall be staked and tied in accordance with the following:
  Extra Heavy Standard Trees shall be staked with two stakes and crossbar.
  Selected Standard, Standard, Light Standard & Feathered trees shall be fixed to short stakes, driven into the ground at the bottom of the tree pit excavation in such a position to allow the tree to be planted in the centre of the pit and the stake at the prevailing windward side of the tree.
  Ties shall be of rubber buffered wire or proprietary tree tie system.
- Shrubs shall be protected from rabbits by individual spiral guards.
- Weeds shall be controlled by hoeing or chemical treatment.
- Grass seeding shall be undertaken in accordance with the following:
  Grass seeding shall be undertaken between March and September inclusive.
  Grass seeding shall be undertaken using a seed mixture of 50% Lolium perenne (Perennial Rye Grass) and 50% Festuca rubra (Red Fescue) at a rate of 35g/m2.
  Grass seeding shall be undertaken on a fine seedbed, free from weeds, stones and debris.
  Grass seeding shall be undertaken by hand or mechanical means.
  Grass seeding shall be undertaken on a calm day.
  Grass seeding shall be undertaken in two directions at right angles to each other.
  Grass seeding shall be rolled with a light roller.
  Grass seeding shall be undertaken on a fine seedbed, free from weeds, stones and debris.
  Grass seeding shall be undertaken by hand or mechanical means.
  Grass seeding shall be undertaken on a calm day.
  Grass seeding shall be undertaken in two directions at right angles to each other.
  Grass seeding shall be rolled with a light roller.

AMENDMENTS

REV	AMENDMENTS	DATE	CHKD
E	ADDITIONAL HEDGE/TREES	4.1.99	
D	TENDER ISSUE	18.12.98	
C	SPECIFICATION NOTE AMENDED	17.6.98	
B	PLANTING AMENDED & SIZED	4.12.97	
A	PLANTING PROPOSALS AMENDED	4.10.97	
0	Drawing Issued	30.7.97	

PLAN
10/2/99
RSK ENVIRONMENT LIMITED

Project:
SUTTON BRIDGE POWER STATION

Client:
ENRON

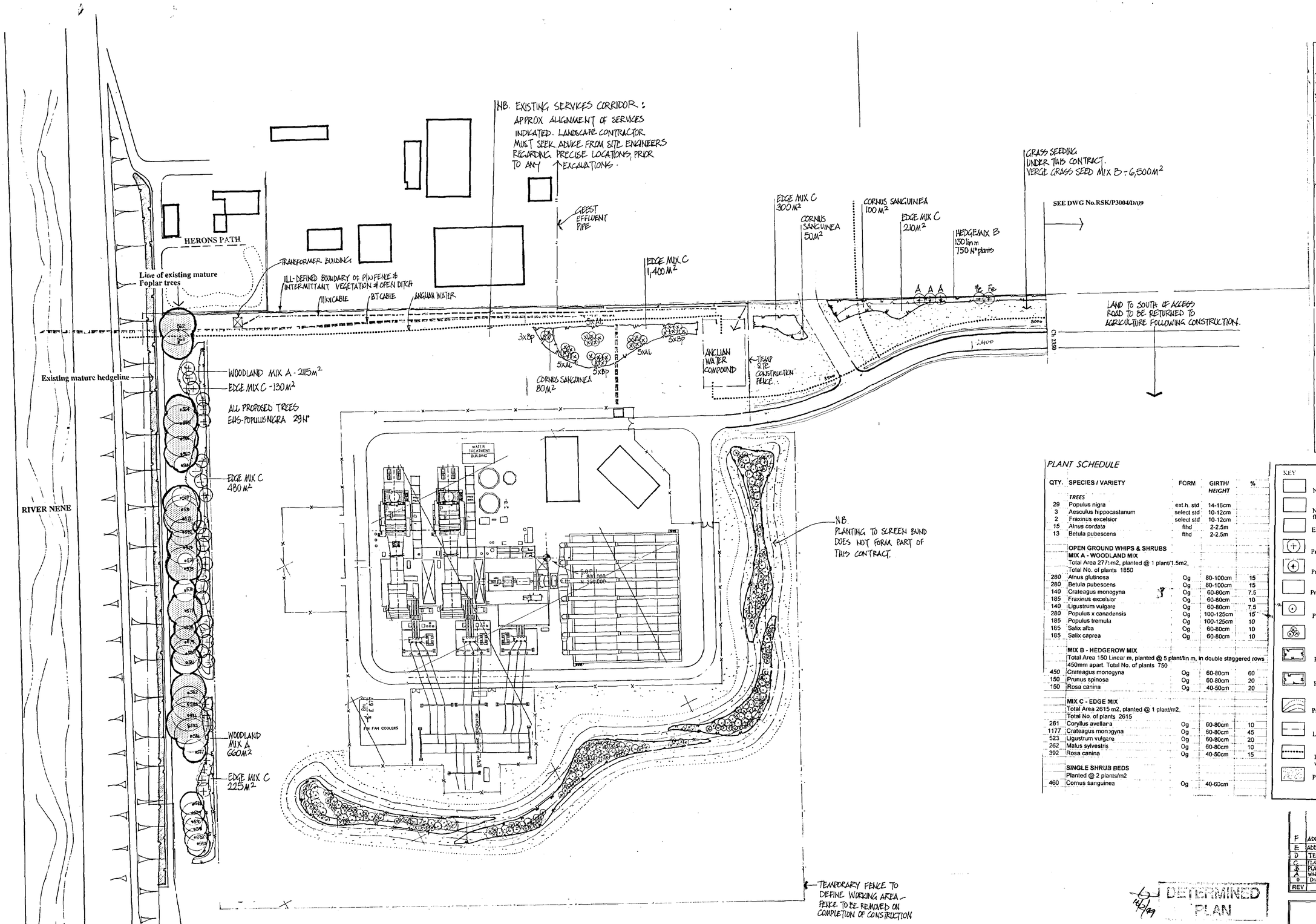
Title:
Off Site Landscape Proposals to

P3004.

LANDSCAPE PROP. TO POWER STATION ACCESS ROAD & POWER STATION

1:1250.

PRELIMINARY



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- Open ground whips and shrubs shall be notch planted with Multicote 12 Fertilizer tablet added to notch.
- All new planting to be protected from rabbit damage as specified. Protection shall be in the form of individual guards.
- Trees and shrubs shall be planted in mulch matting to minimise weed growth and reduce maintenance requirements.

PLANT SCHEDULE

QTY.	SPECIES / VARIETY	FORM	GIRTH/ HEIGHT	%
	TREES			
29	Populus nigra	ext.h. std	14-16cm	
3	Aesculus hippocastanum	select std	10-12cm	
2	Fraxinus excelsior	select std	10-12cm	
15	Alnus cordata	fthd	2-2.5m	
13	Betula pubescens	fthd	2-2.5m	
	OPEN GROUND WHIPS & SHRUBS			
	MIX A - WOODLAND MIX			
	Total Area 271m2, planted @ 1 plant/1.5m2,			
	Total No. of plants 1850			
280	Alnus glutinosa	Og	80-100cm	15
280	Betula pubescens	Og	80-100cm	15
140	Crateagus monogyna	Og	60-80cm	7.5
185	Fraxinus excelsior	Og	60-80cm	10
140	Ligustrum vulgare	Og	60-80cm	7.5
280	Populus x canadensis	Og	100-125cm	15
185	Populus tremula	Og	100-125cm	10
185	Salix alba	Og	60-80cm	10
185	Salix caprea	Og	60-80cm	10
	MIX B - HEDGEROW MIX			
	Total Area 150 Linear m, planted @ 5 plant/lin m, in double staggered rows 450mm apart. Total No. of plants 750			
450	Crateagus monogyna	Og	60-80cm	60
150	Prunus spinosa	Og	60-80cm	20
150	Rosa canina	Og	40-50cm	20
	MIX C - EDGE MIX			
	Total Area 2615 m2, planted @ 1 plant/m2,			
	Total No. of plants 2615			
261	Corylus avellana	Og	60-80cm	10
1177	Crateagus monogyna	Og	60-80cm	45
523	Ligustrum vulgare	Og	60-80cm	20
262	Malus sylvestris	Og	60-80cm	10
392	Rosa canina	Og	40-50cm	15
	SINGLE SHRUB BEDS			
	Planted @ 2 plants/m2			
460	Cornus sanguinea	Og	40-60cm	

KEY

- New access road & Chainage
- New roadside drains & direction of flow
- Existing trees to be retained
- Proposed Extra Heavy Standard trees
- Proposed Selected Standard trees
- Proposed Standard trees
- Proposed Light Standard Trees
- Proposed Feathered trees
- Proposed shrub mix planting
- Proposed edge mix planting
- Proposed screen mound
- Line of temporary easement fence
- Proposed alignment of Anglian water main (400mm diam)
- Proposed grass seeding

REV.	AMENDMENTS	DATE	CHKD
F	ADDITIONAL TREES TO N. BOUND	26.1.99	
E	ADDITIONAL PLANT TO N. BOUND	4.1.99	
D	TENDER ISSUE	15.11.98	
C	PLANTING MIXES AMENDED	17.6.98	
B	PLANTING TO ROAD & VEGETATION STRIP	2.12.97	
A	WINDBREAK FENCING ADDED ONLY	23.10.97	
0	Drawing Issued	26.7.97	

DETERMINED PLAN 12/2/99

AMENDED PLAN

Ref.

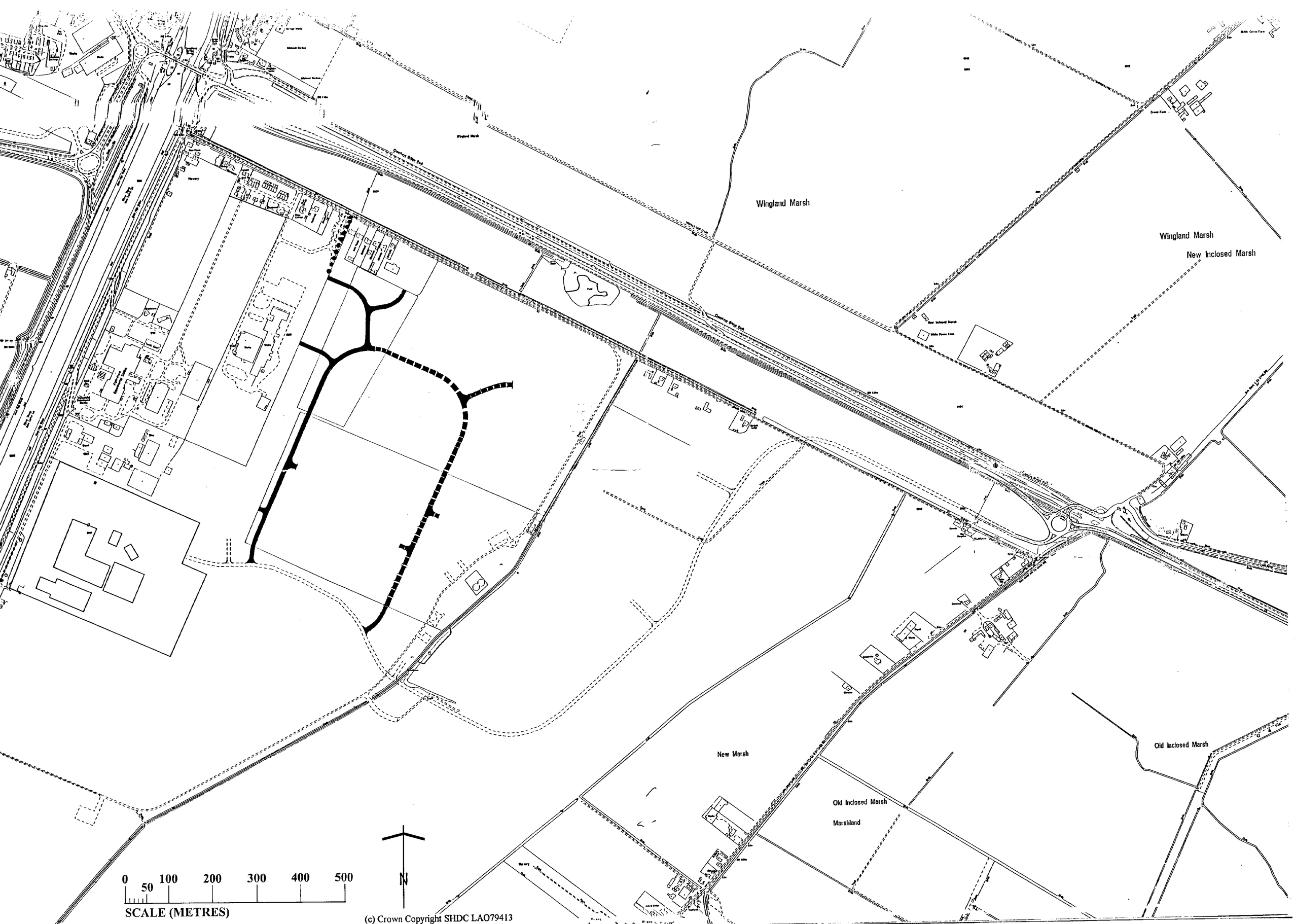
SOUTH HOLLAND DC HOUSING & PLANNING - 4 FEB 1999

RSK ENVIRONMENT LIMITED

Project: SUTTON BRIDGE POWER STATION

Client: ENRON

Title: Landscape Proposals to Power Station Access Road



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