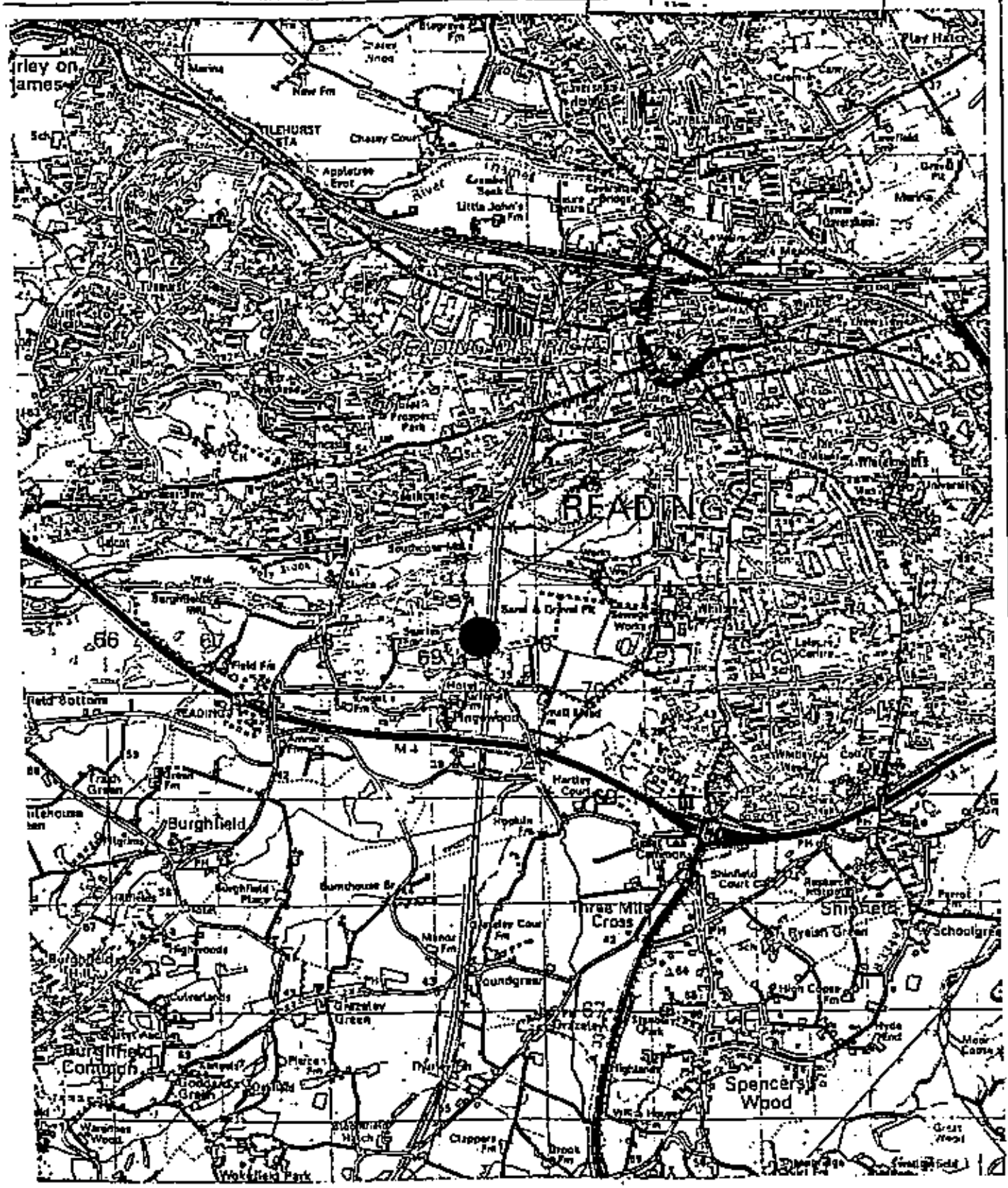
0276

WEST BERKSHIRE DISTRICT COUNCIL

11 JUN 2002

SCOTTISH SOUTHERN ENERGY
BURGHFIELD SUB STATION, COTTAGE LANE, BURGHFIELD

N



Scale	1:50,000
O/S Ref.	
Ref.	ARW1
Date	MARCH 2002

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22 Chancery Lane London WC2A 1LT

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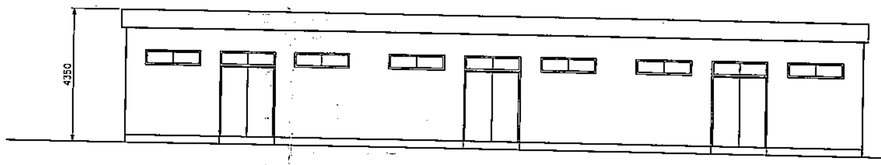
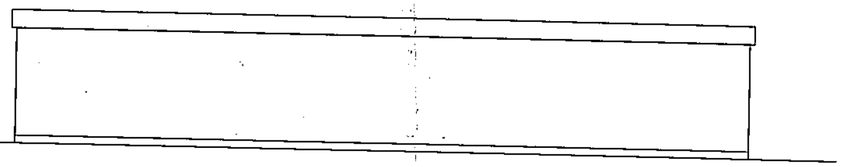
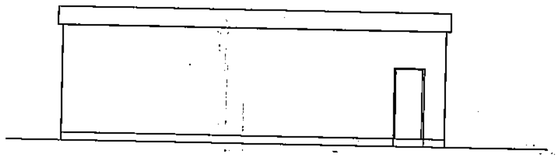


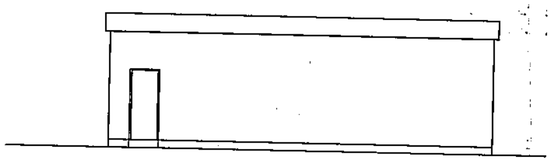
north elevation



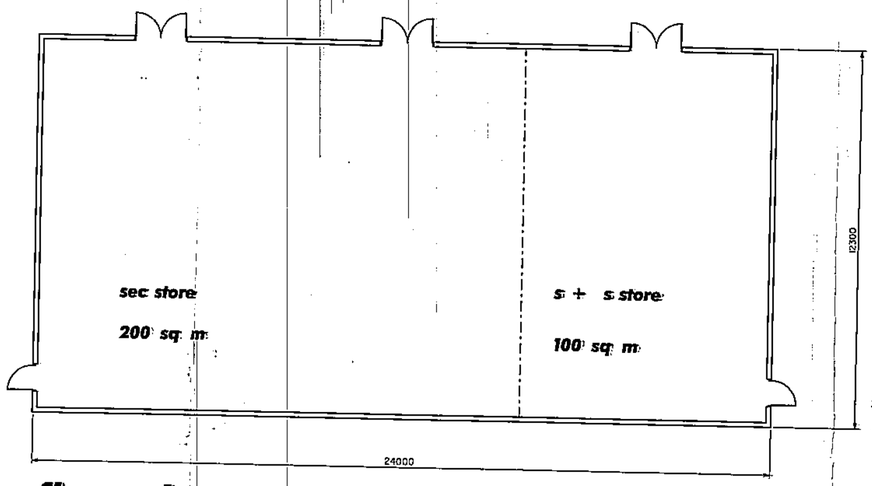
south elevation



west elevation



east elevation



floor plan

Single storey modular building to form Stores

Composite cladding to external walls and roof

Outer and inner skin in profiled steel sheeting, plastisol coated

Structural steel frame with fire protection

Concrete floor and pad foundations

Double and single doors to be timber flush

NOTES:-

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PROPOSED RELOCATION OF DEPOT BURGHFIELD GRID SUBSTATION STORE BUILDING

Scale:- 1:100
Drn. by:- gel
Tcd. by:-
Ckd. by:-
App. by:-

Dimensions: in millimetres

Drawing no.
CIV 02/503

CAD Reference:- bfldZ.dgn (vi=store)

DATE PLOTTED 05-APR2002

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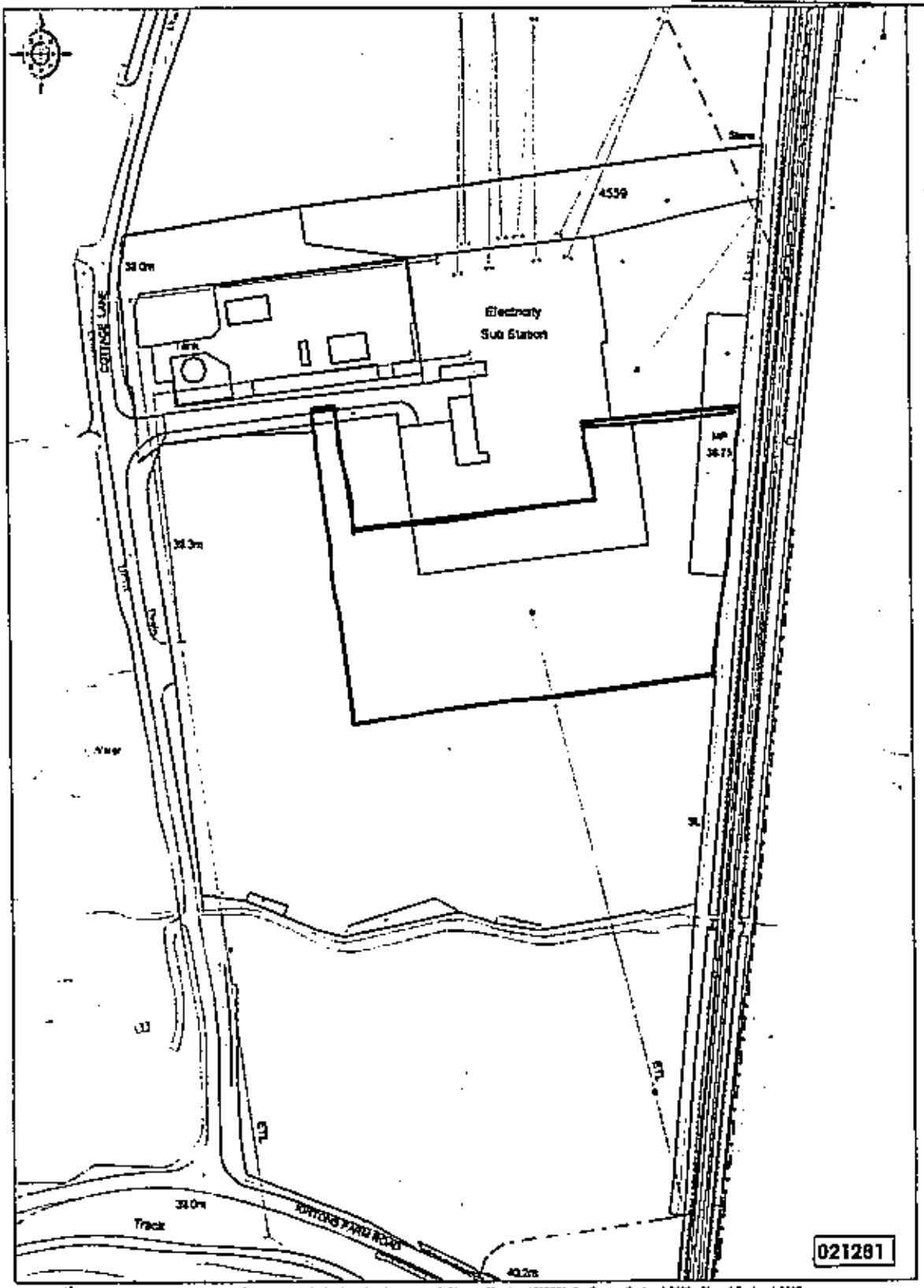
ARW 2 :Scottish Southern Energy
Burghfield Sub Station, Cottage Lane, Burghfield



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11 JUN 2002

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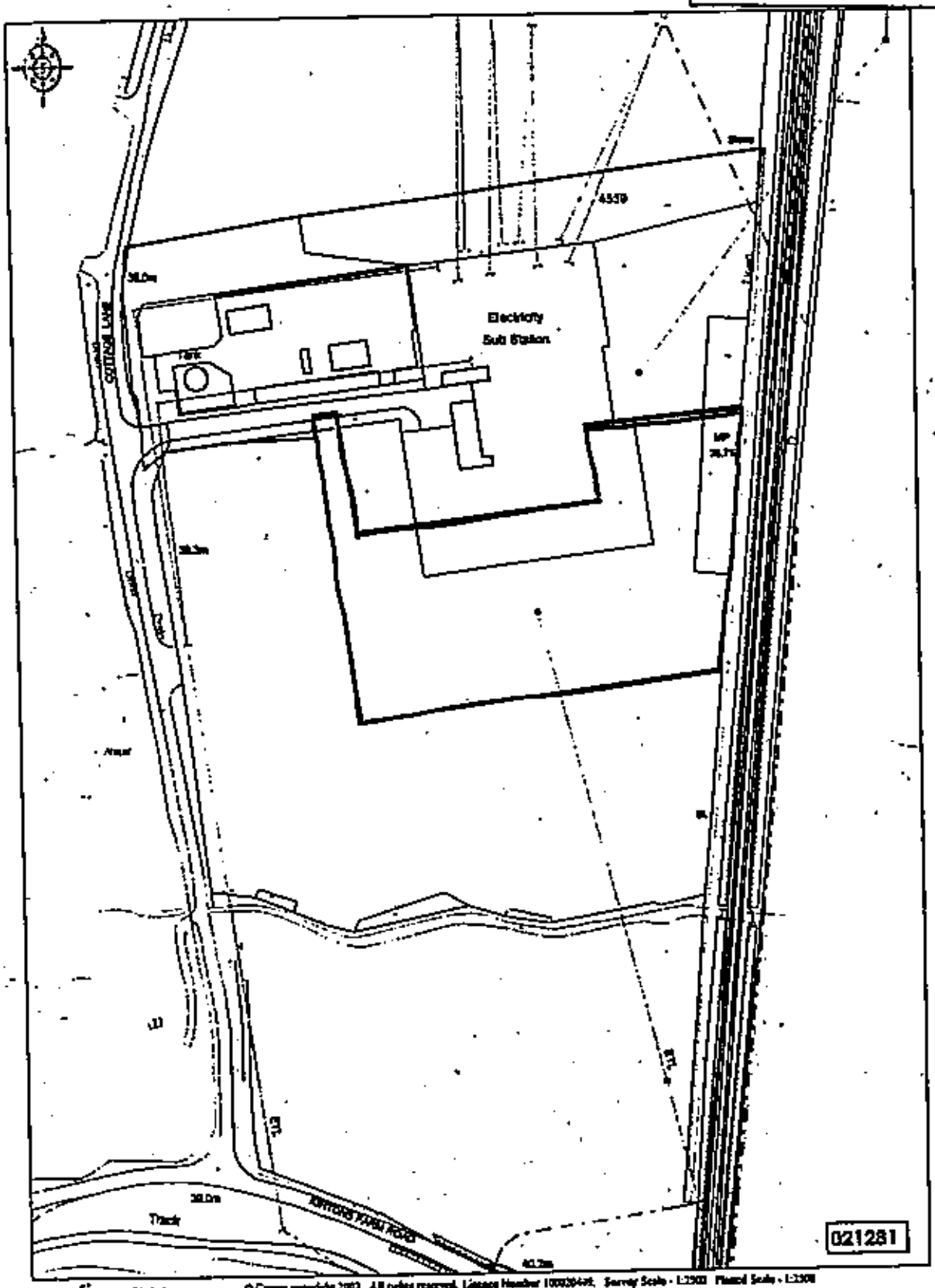
ARW 2 :Scottish Southern Energy

Burghfield Sub Station, Cottage Lane, Burghfield



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ompound

ates at end of access road

chroom

copse

existing trees to be retained

32 spaces for staff / visitors

parking for cars / smallvans

store building

office building

12.5

4.0

24

8.2

25

5.0

4.0

35.5

overhead line and wooden pole to be removed and supply to be undergrounded

single storey modular buildings to be designed fabricated and erected by specialist on to prepared foundations

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PROPOSED RELOCATION OF DEPOT BURGHFIELD GRID SUBSTATION

Scale:- 1 : 500

Drn. by:- gel

Tod. by:-

Clod. by:-

App. by:-

Dimensions in millimetres

Drawing no. CIV /02 /501

C.A.D. Reference:- bfldl.dgn (sv=site)

DATE PLOTTED 05-APR-2002

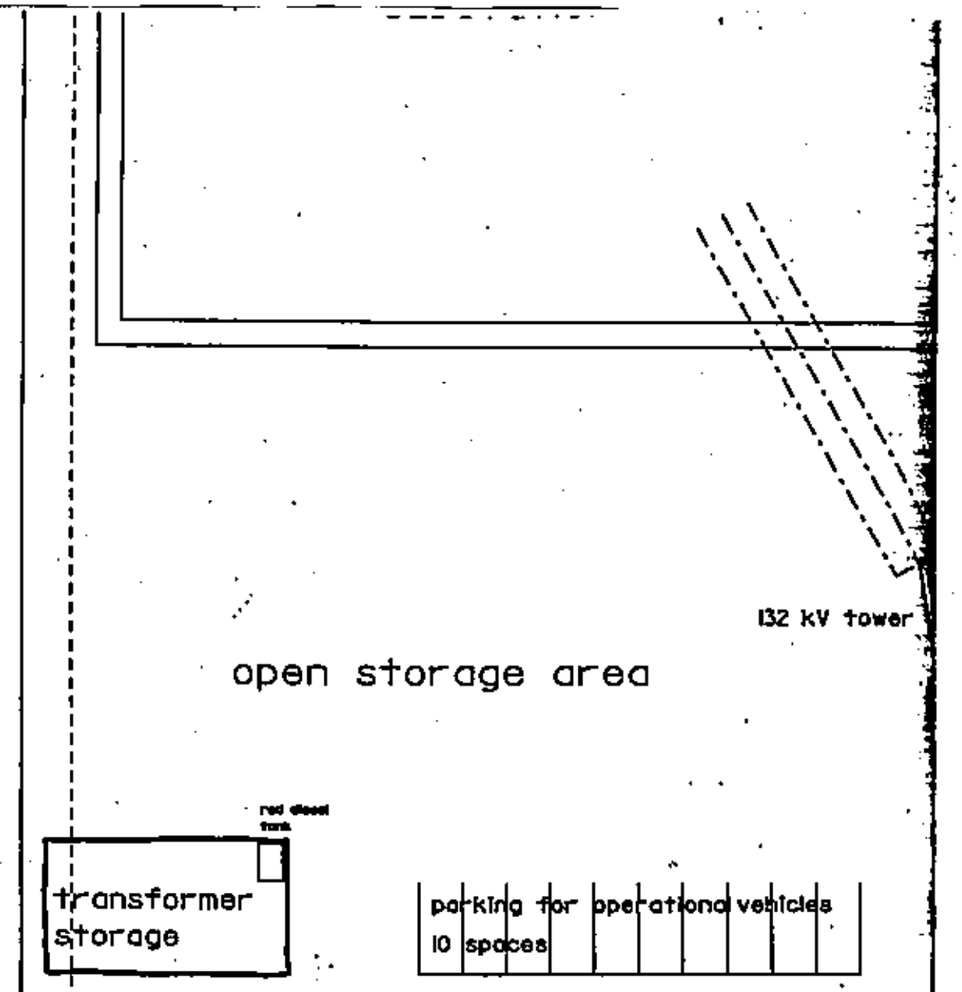
razor wire topping to perimeter of site

erect 1.2 m high chain link fencing to delineate safety zone adjacent to live substation compound

roads and parking areas to be macadam surfaced, with surface water drainage via bypass interceptor

areas for storage of materials etc to be stone surfaced

form bunded area to store transformers, other plant and red diesel tank, with concrete base and upstands



132 kV overhead line to tower and feeds into substation compound

NOTES:-

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11 JUN 2002
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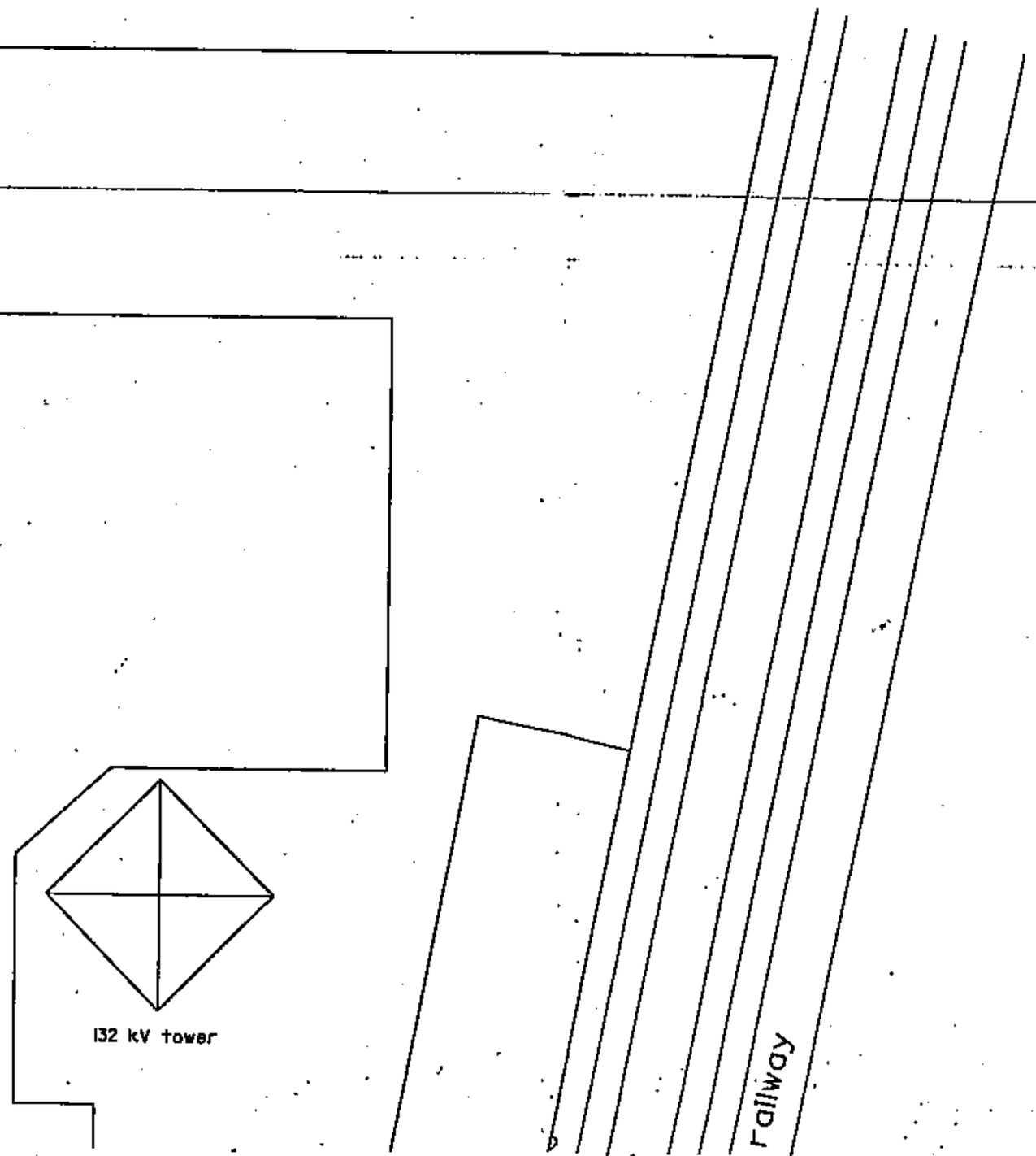

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Date:-
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generation compound

switchroom

132 kV tower

railway

new palisade gates at end of access road

new access road to be 8 m wide and to be macadam surfaced

erect 2.5 m high palisade fencing with razor wire topping to perimeter of site

erect 1.2 m high chain link fencing to delineate safety zone adjacent to live substation compound

roads and parking areas to be macadam surfaced, with surface water drainage via bypass interceptor

areas for storage of materials etc to be stone surfaced

form bunded area to store transformers, other plant and red diesel tank, with concrete base and upstands

substation compound

copse

existing trees to be retained

north

32 spaces for staff / visitors

parking for cars / small vans

132 kV tower

open storage area

red diesel tank

transformer storage

parking for operational vehicles 10 spaces

store building

office building

12.5

4.0

35.5

4.0

24

8.2

25

6.0

132 kV overhead line to tower and feeds into substation compound

overhead line and wooden pole to be removed and supply to be undergrounded

single storey modular buildings to be designed fabricated and erected by specialist on to prepared foundations

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PROPOSED RELOCATION OF DEPOT
BURGHFIELD GRID SUBSTATION

Scale:- 1 : 500
Drn. by:- gel
Tcd. by:-
Ckd. by:-
App. by:-

Dimensions in millimetres
Drawing no. CIV /02 /501
C.A.D. Reference:- bfld1.dgn (sv=site)

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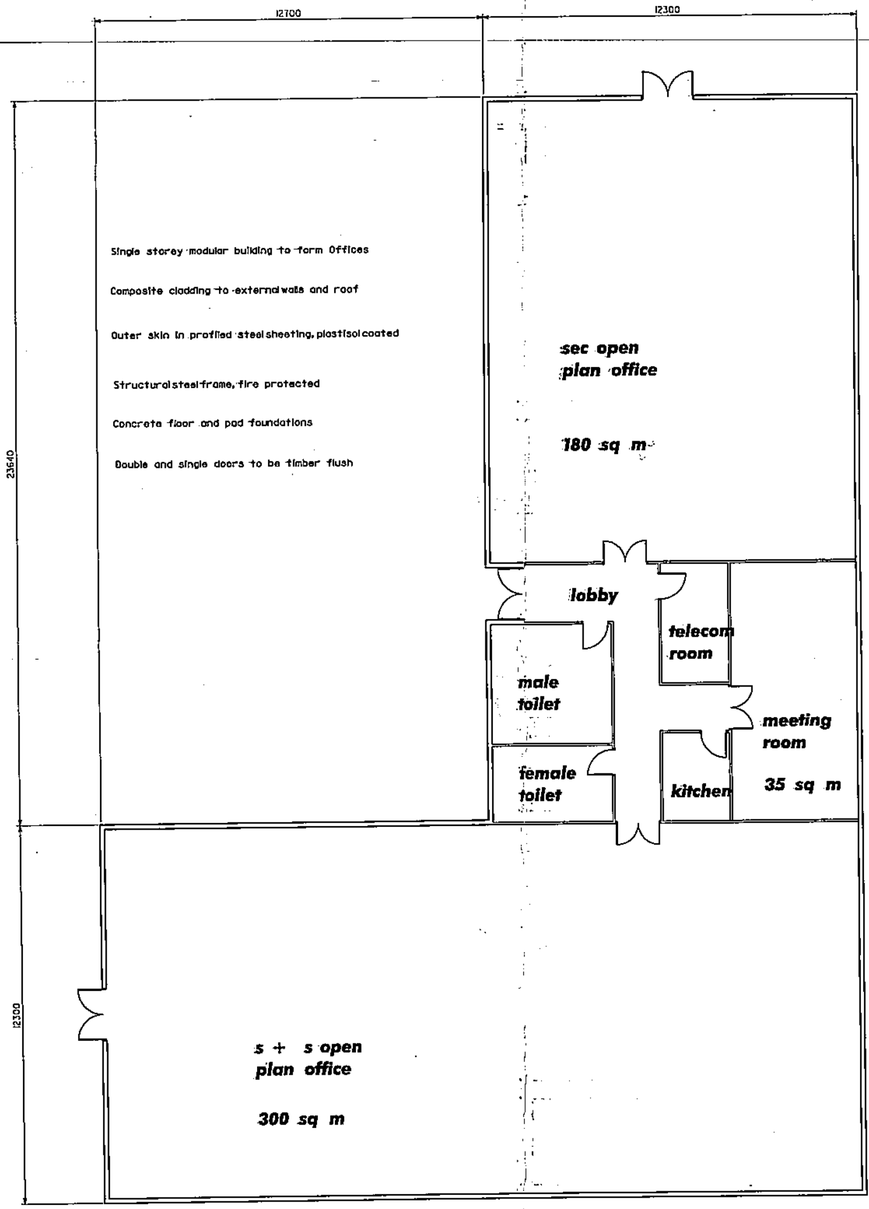
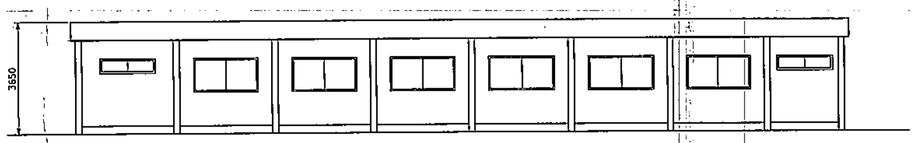
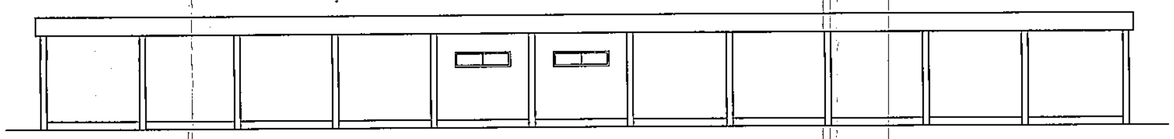


floor plan

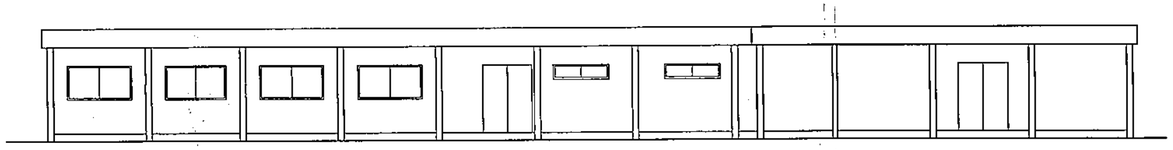


south elevation



east elevation

north elevation



west elevation

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PROPOSED RELOCATION OF DEPOT BURGHFIELD GRID SUBSTATION OFFICE BUILDING

Scale:-	1 : 100
Drn. by:-	gel
Tcd. by:-	
Ckd. by:-	
App. by:-	

Dimensions in millimetres

Drawing no.
CIV 02 /502
C.A.D. Reference:- bfld2.dgn (vl=office)

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