

Proposed 132kV Overhead Line Works At
Begg Farm, Kirkcaldy, Fife

Study Area /
Site Location



Fig. B001

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Legend:

- Existing Over Head Lines
- Warehouses under construction

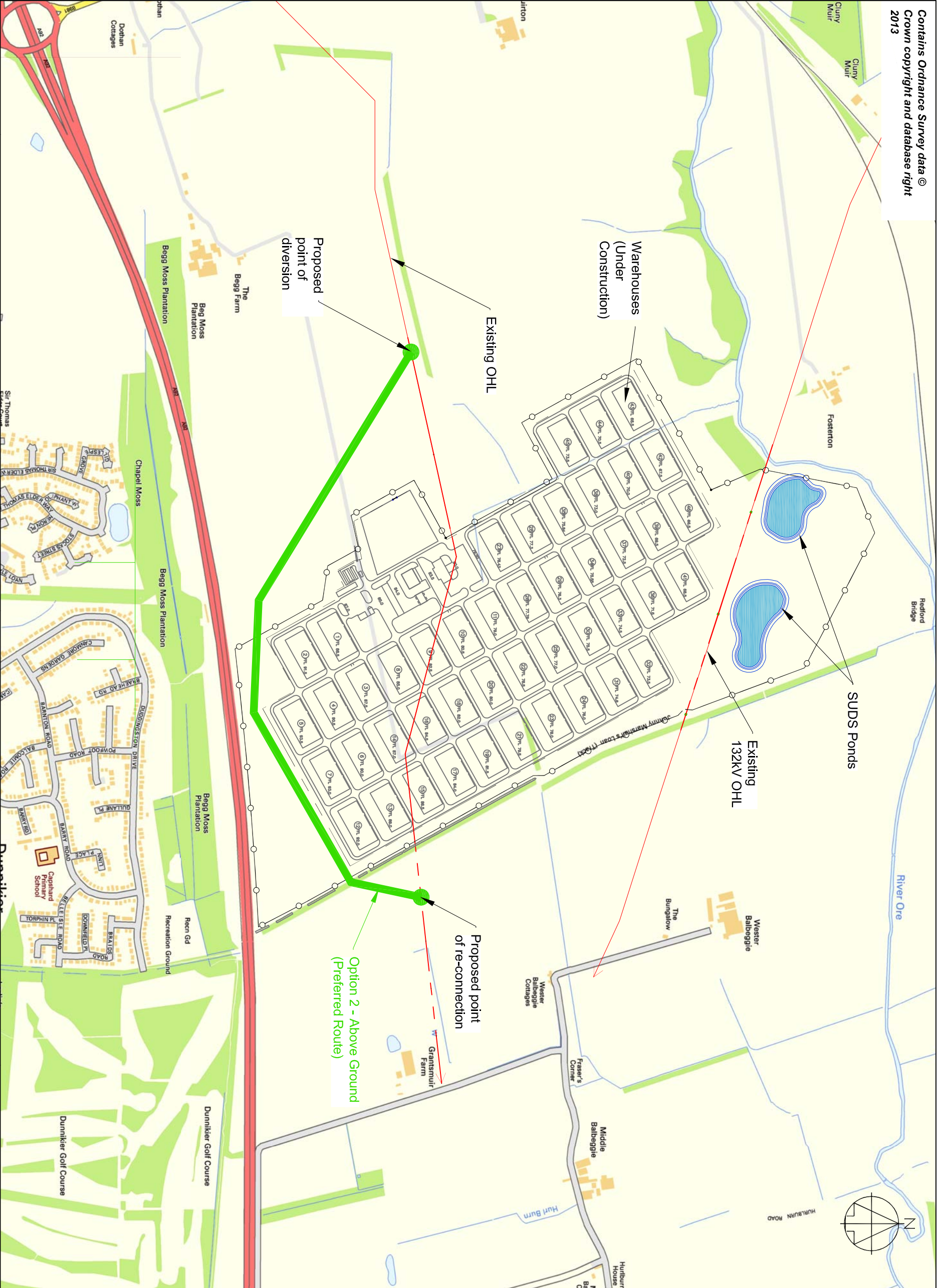
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Environmental Constraints



Fig. B002

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Key

Preferred Route Diversion Corridor:
Option 2

Note:
Proposed route corridor requirement
50m width.

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Preferred Route



Fig. B003



Construction of Section Angle Support Pole



Construction for Intermediate Support Pole in Soft/Boggy Ground Conditions



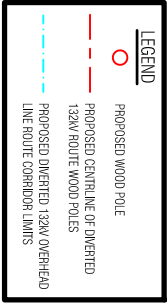
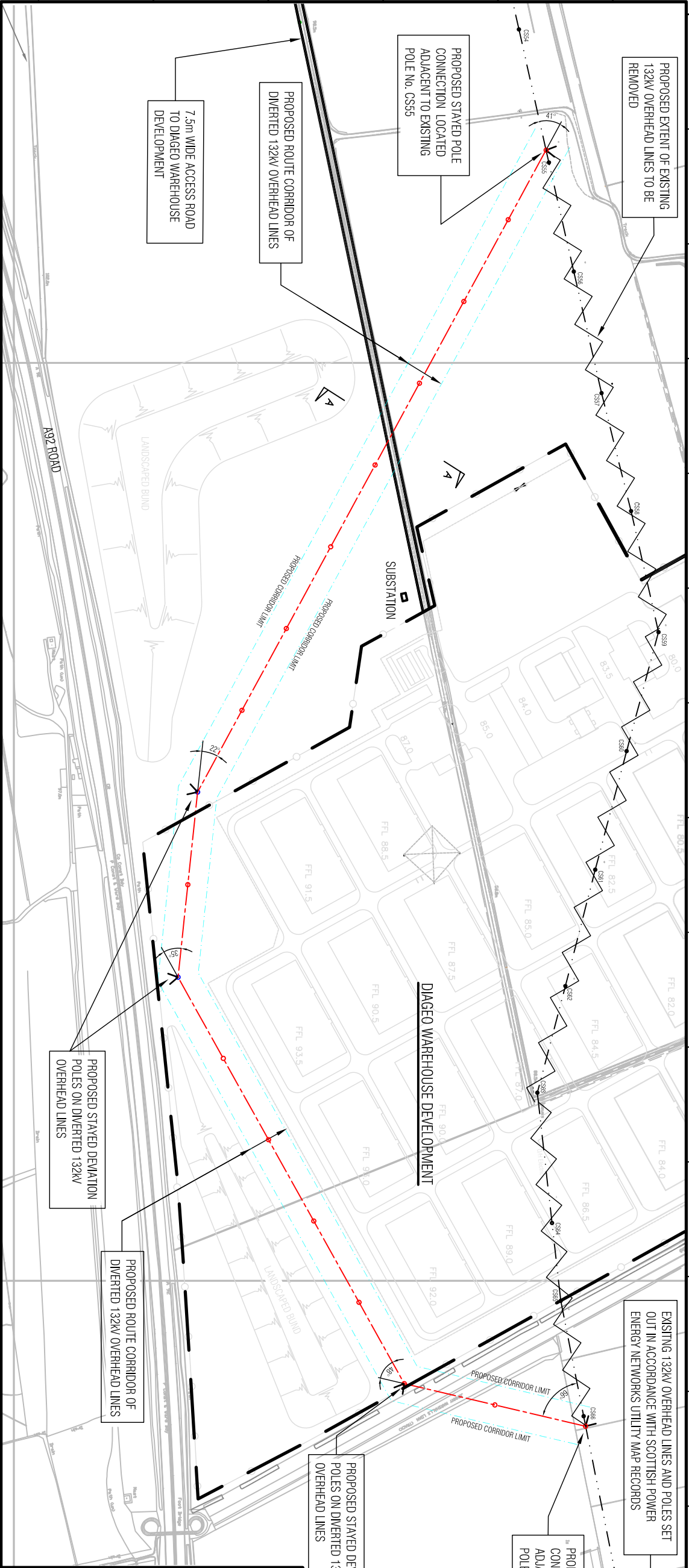
Winch for Stringing Wood Pole



Temporary Working Area



Land reinstatement after construction



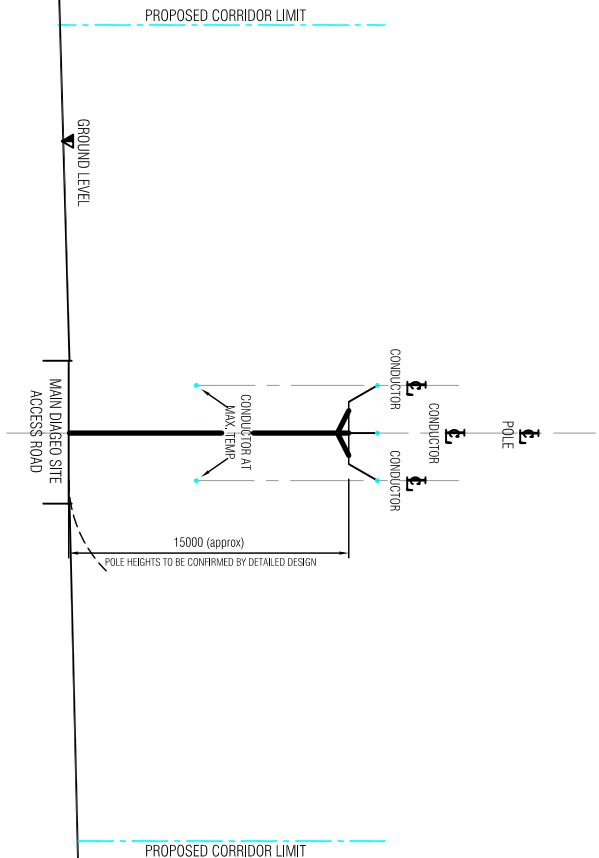
- GENERAL NOTES**
1. CLEARANCES ARE BASED UPON CONDUCTOR BEING IN APPROXIMATE MAX. SAG CONDITION AT A TEMPERATURE AND WIND OF 45°.
 2. 132kV CLEARANCES ARE USED COMPLYING WITH THE REQUIREMENTS OF E.N.A. T.S. 44-8.

3. PROPOSED DIAGEO DEVELOPMENT LAYOUT AND LINES PROVIDED BY BLTH & BLYTH WESTPOINT
4. REDUCEDS RIGS SOUTH GYLE EDINBURGH EH12 9QD 0131472720 (DRS. SUPPLIED - No. 420534-30; 009 B&A - SPE INDIICATE ROUTING PLAN No. 420534-30; 006 - SPE INDIICATE ROUTING SECTIONS)
5. THIS DRAWING HAS BEEN PRODUCED SOLELY TO SHOW THE RELATIONSHIP BETWEEN THE OHL DIVERSION CORRIDOR AND THE PROPOSED BUILDING LINTS. IT SHOULD NOT BE USED FOR ANY OTHER PURPOSE.
6. DEVELOPERS AND PERSONNEL SHOULD BE ACCQUAINTED WITH THE FOLLOWINGS:
 - i) ENERGY NETWORKS ASSOCIATION TECH SPEC 43-8 - OHL CLEARANCES.
 - ii) H.S.E. GUIDANCE NOTE CS66 - AVOIDANCE OF DANGER FROM OHLs.
 - iii) ELECTRICITY COUNCIL ENGINEERING RECOMMENDATION G35 PRECAUTIONS TO BE TAKEN BY PERSONS WORKING IN THE VICINITY OF ELECTRIC LINES ON CONSTRUCTION SITES.

7. NOTE THAT POLE FOUNDATIONS ARE PART OF THE DESIGN. EXISTING GROUND LEVELS MUST NOT BE DISTURBED UNLESS OTHERWISE AUTHORISED BY SCOTTS-POWER.
8. DUE TO THE PROXIMITY OF THE PROPOSED DIAGEO DEVELOPMENT, AROUND BARRIERS SHOULD BE CONSIDERED TO PREVENT DAMAGE TO WOOD POLES FROM CONSTRUCTION OR ROAD TRAFFIC.
9. AS INFRINGEMENT OF CLEARANCES MAY BE CAUSED BY STREET LIGHTING OR TREES USED FOR LANDSCAPING IT IS ESSENTIAL THAT DETAILS OF ANY COLUMNS OR PLANTING, INCLUDING HEIGHTS AND LOCATIONS, ARE PROVIDED PRIOR TO CONSTRUCTION.
10. NO PLANTING OF TREES OR SHRUBS UNDER THE OVERHEAD LINES CORRIDOR LIMITS WILL BE ALLOWED WITHOUT THE EXPRESS PERMISSION OF SCOTTS-POWER.
11. IN ORDER TO COMPLY WITH HSE GUIDANCE NOTE CS66 (ANEX A) AND MINIMIZE THE RISK TO MAINTENANCE PERSONNEL, IT IS STRONGLY ADVISED THAT IF LIGHTING COLUMNS MUST BE POSITIONED UNDER THE CONDUCTOR SWING CLEARANCE CURVE, THEN THEY SHOULD BE CAPABLE OF BEING SERVICED FROM GROUND LEVEL.
12. AN APPROPRIATE WARNING NOTICE SHOULD BE ATTACHED TO ANY SUCH COLUMN ADVISING OF THE DANGERS OF USING HYDRAULIC MAINTENANCE PLATFORMS.
13. DEPENDING ON TYPE AND INSTALLATION METHOD OF ANY PROPOSED LIGHTING CO.S, AN EXTRA 1m APPROX. APPLICATION FACTOR MAY REQUIRE TO BE ADDED TO CLEARANCES QUOTED IN E.N.A. T.S. 44-8.
14. SHOULD ADDITIONAL ADVICE BE REQUIRED, THIS SHOULD BE OBTAINED FROM SP POWER SYSTEMS, ENGINEERING AND TRANSMISSION OPERATIONS SECTION / IEC
15. WOOD POLES SET OUT IN EQUAL SPANS (MAX. 120M) OVER LENGTH OF ROUTE DIVERSION. SPAN DIMENSIONS TO BE CONFIRMED BY FINAL DETAILED DESIGN.

132kV OVERHEAD LINE ROUTE DIVERSION LAYOUT

SCALE 1:2500



DIAGEO DEVELOPMENT 132kV OVERHEAD LINE ROUTE DIVERSION

SITE LOCATION PLAN

SCALE 1:25000



Rev.	Date	Prepared	Checked	Approved	Reason / Description of changes
0	15-05-2013	OT			

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