NOTES

1. All dimensions are in millimetres unless otherwise stated.
2. Stepped Tubular Steel columns shall be designed and manufactured in accordance with BS EN40.
3. The design life of the column shall be taken as 50 years.
4. Column finish shall be Hot Dipped Galvanised throughout to BS ISO 1461.
5. Column Root Protection shall consist of Internal and External shop applied 2-pack extended cure epoxy Micaceous Iron Oxide (MIO) applied at 100$\mu$m dry film thickness (DFT) and a 2-pack glass reinforced epoxy applied at 200$\mu$m dry film thickness, giving a total dry film thickness of 300$\mu$m. Root Protection shall be applied upto 250mm above ground level (600mm above cable entry slot)
6. A stainless steel earth tag shall be included within the column door aperture in the bottom left corner.
7. Doors shall be fitted with a stainless steel 8mm tri-head lock.
8. The column base compartment shall incorporate a Non-Hygroscopic treated hardwood backboard with screwed fixings both top and bottom.
9. Column shall carry a unique identification reference on a permanent fixed label which indicates the column manufacturer, year of production and other design information to enable details of the column to be determined throughout its design life.
10. All steel fixing, including doors, door hinges, door locks, earth tags, shall be stainless steel to BS1449: Part 2, BS970: Part 1 or BS6105 as appropriate.
11. Where different metals are in contact consideration shall be given to the necessary means of avoiding galvanic corrosion.
12. Door aperture dimensions shall be a minimum of 500mm x 100mm.
13. Raising and lowering of the column must be carried out with the use of both the correct counterbalance unit and operating lever provided by the column manufacturer.
14. A section of 20mm plastic copex shall be provided and fixed within the base of the column by the manufacturer to provide mechanical protection to the internal wiring.
15. Raise and Lower column shall be installed in a RS140 Retention Socket (ESD6/42). Column base may require reducing to the appropriate length for installation into the Retention Socket. Installation and Foundations shall be as per the NAL Installation and Foundation Guide.
16. The Refuge Beacon Globe and illuminated Stem shall be 24v LED. (White in Colour)

= INTERNAL AND EXTERNAL ROOT PROTECTION AT A TOTAL OF 300$\mu$m DFT. (SEE NOTE 5)

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| Rev. No.: A | Standard Detail File Ref.: 05796.59 |
| Drawn: RPF | Title: |
| Ch'd: AB | RAISE AND LOWER COLUMN WITH 24v LED STEM AND REFUGE BEACON INSTALLED IN RS140 RETENTION SOCKET |
| Auth'd: CA | |
| Date: 08/19 | |

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| Drawing No.: | Scale @ A4: |
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| **ESD 6/59** | NOT TO SCALE |