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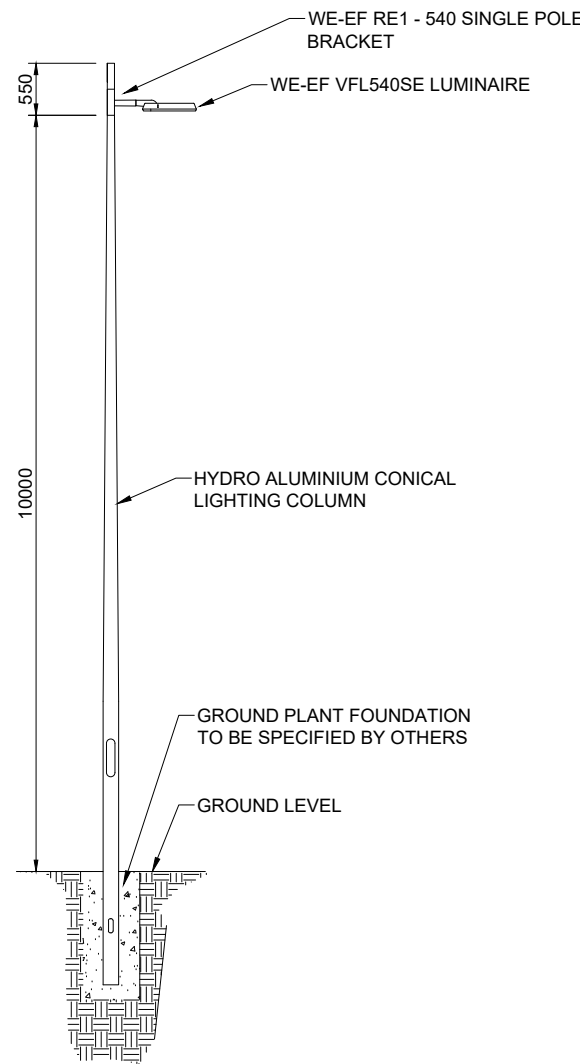
**AUCKLAND TRANSPORT - AVONDALE TOWN  
CENTRE  
ROAD LIGHTING IMPROVEMENTS**

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**CONCEPT DESIGN**

Project No: 1-A6000.95  
Date: NOVEMBER 6, 2019

300 mm  
200  
100  
50  
10 mm  
0



**INDICATIVE COLUMN DETAIL**  
(Scale: NTS)

**NOTES:**

1. Contractor to provide a suitable length of electrical ducting from the cable entry hole through the foundation to facilitate cable install.
2. All footing details are indicative only. Footing sizes will vary according to a number of factors including soil condition, wind loading and terrain categories. The Contractor is to allow for all costs associated with the provision of a detailed lighting column foundation design and Producer statement documents for both the final column and foundation specifications.
3. Liaise with manufacturer for full details and specification.

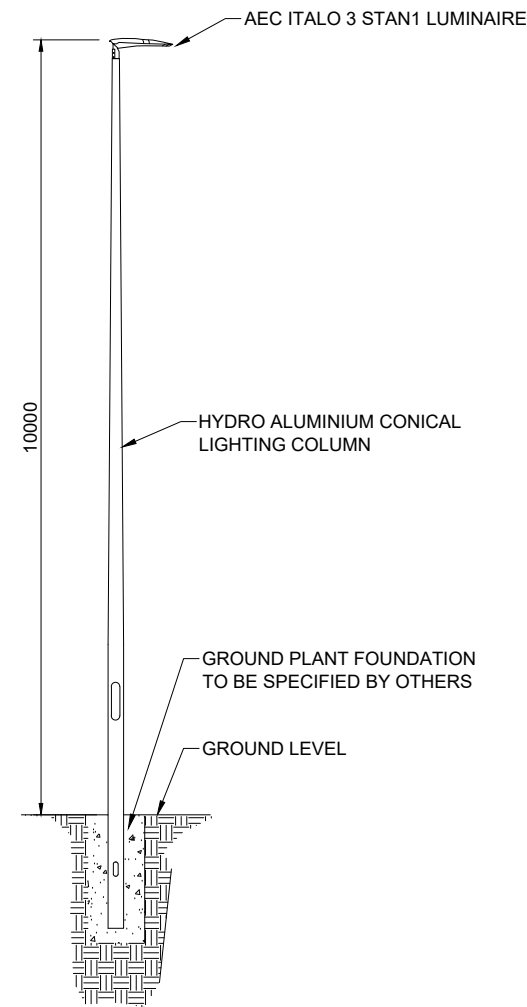


LUMINAIRE IMAGE (L) - MHL WE-EF VFL540SE



LUMINAIRE IMAGE (H) - WINDSOR STREET  
(APPLICABLE TO BOTH OPTIONS)

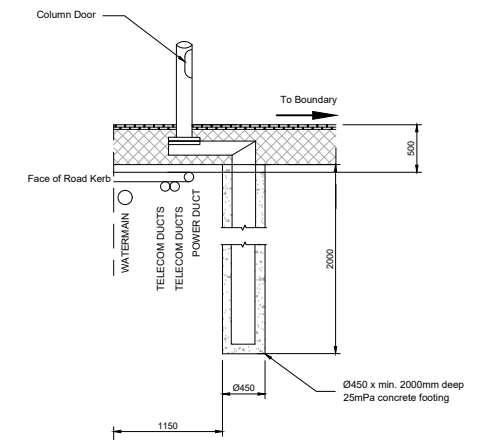
**OPTION A - WE-EF VFL540SE ON A GROUND PLANTED TAPERED HYDRO ALUMINIUM COLUMN**



**INDICATIVE COLUMN DETAIL**  
(Scale: NTS) (SEE OPTION 1 NOTES)



LUMINAIRE IMAGE (L) - AEC ITALO 3



**INDICATIVE CRANKED ROOT DETAIL:**  
(Scale: NTS) (APPLICABLE TO BOTH OPTIONS)

**NOTES:**

- A. Liaise with manufacturer for all specific detailed design specifications and fixing details.
- B. Foundation materials to be hot-dipped galvanised.
- C. All fixings are to be hot-dipped galvanised or marine grade stainless steel.
- D. 50mm flexible ducting to be used to provide a cable entry into the column base through the cable entry slot provided on the foundation.
- E. All pre-fabrication (cutting, drilling, etc) of the hot-dipped galvanised components, shall not be carried out on site.
- F. Dis-similar metallic materials should be isolated by PVC washers to prevent galvanic corrosion.
- G. Contractor to size cantilever to suit location to a maximum of 1500mm.

**OPTION B - AEC ITALO 3 ON A GROUND PLANTED TAPERED HYDRO ALUMINIUM COLUMN**