

LECTURER	John ORaw
STUDENT NAME	Quentin Ricart
STUDENT NUMBER	L00196812
PROGRAMME	MSc Cloud
MODULE CODE	NETW_IT902
ASSIGNMENT TITLE	CA1
SUBMISSION DATE	05/02/2026

Student Declaration



1. I have accurately identified and included the sources of all facts, ideas, opinions, and viewpoints from others in the assignment references. All direct quotations, paraphrasing, and discussions of ideas from books, journal articles, internet sources, course materials, or any other sources used are properly acknowledged and cited in the assignment references.
2. I have not used unauthorised artificial intelligence tools or aids.
3. I understand and am compliant with ATU's policy and procedures regarding Academic Integrity and I am aware of the consequences of any violations.
4. I have followed the referencing guidelines recommended in the assignment instructions and / or programme documentation.
5. By signing this form or by submitting material online I confirm that this assignment, or any part of it, has not been previously submitted by me or any other person for assessment on this or any other programme of study.
6. By signing this form or by submitting material for assessment online I confirm that I have read and understood [AQAE022 Academic Integrity Policy](#)

Student Signature	Date
Quentin Ricart	05/02/2026



Campus drawing

Notes:

- Each block is 10m x 10m
- Site is minimum 400m x 200m

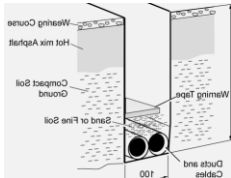
- Campus Distributor 
- Ducting for data, LAN 
- Approximate distance between

two points 

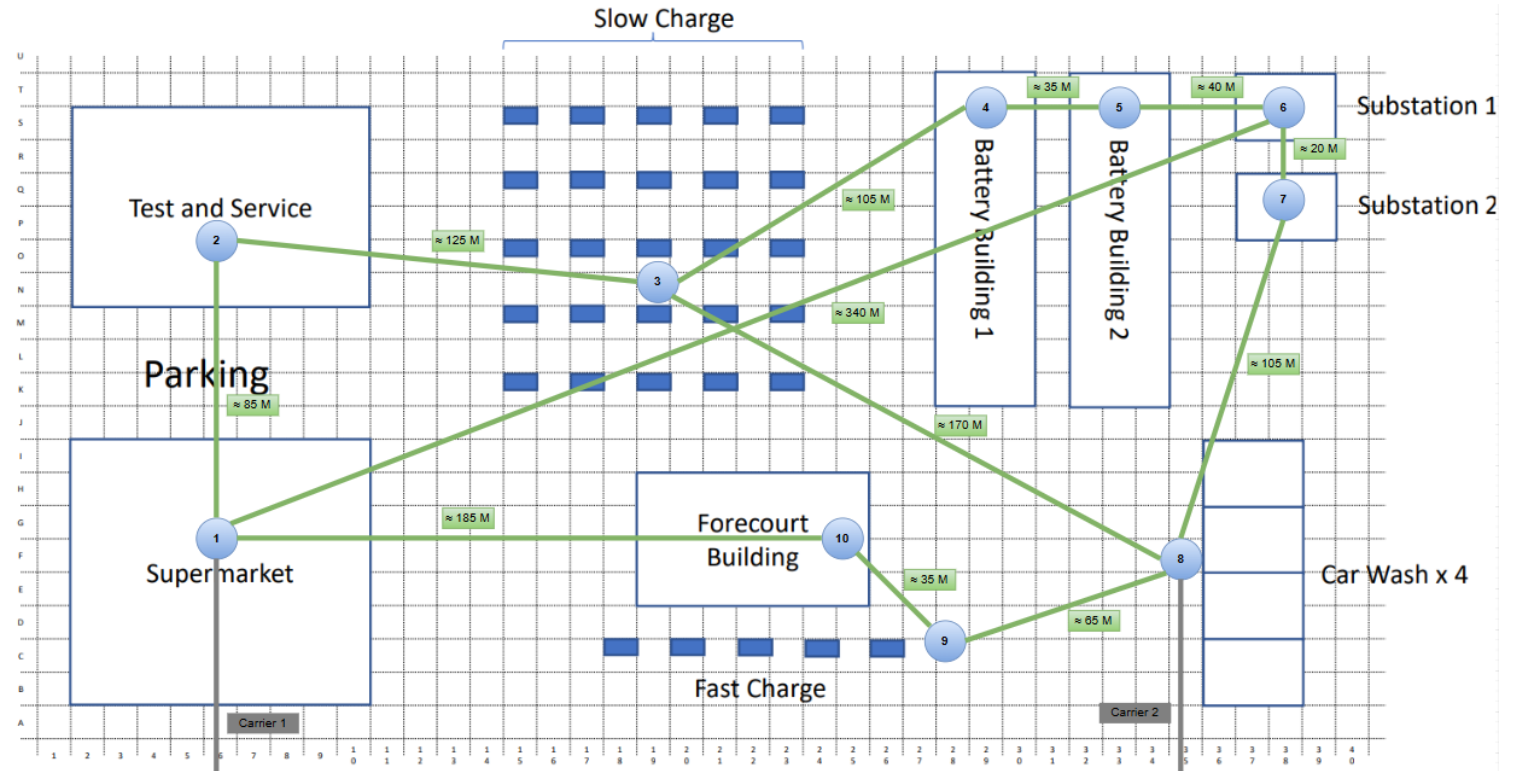
- Ducting for carrier 
- Number of the carrier 

- Duct Specification
 - 120mm
 - Subduct * 4

- Trench Specifications



- Maximum cable pull depending on the manufacturer



Link for trench specification: <https://www.hexatronic.com/en/blog/fiber-optic-network-installation-in-ground>

Shop drawing

Notes:

1. Buildings are 40m x 70m
2. Grid is 10m x 10m
3. Floor distributor **FD**
4. Building distributor **BD**
5. Campus distributor **CD**
6. POS – 4 x 13A, 2 TO
7. Security Camera **C**
8. Point of sales **POS**
9. Access points **AP**
10. Cable tray

