General Notes:

1. This drawing is to be read in conjunction with all relevant architects drawings, indicative survey drawings and mechanical & electrical specifications & schedules.
2. All dimensions are in millimeters unless otherwise stated
3. The contractor shall be responsible for informing Axiseng of any discrepancy found to be contained within any Axiseng drawing or specification.
4. The contractor is to be aware that this drawing is intended to be viewed in colour.
5. Exact location of all penetrations are the responsibility of the contractor who shall co-ordinate the pipework & ductwork installations with other trades.
6. The contractor shall note that all pipework and ductwork routes are indicative only

Notes for Bat Lighting Protection:

1. Hours of Illumination: Lighting of pedestrian walkways surrounding each warehouse unit shall be controlled via in-built luminaire photocell & PIR motion sensors and remain off during times of no pedestrian traffic.
Lighting within the truck yard at each warehouse unit shall be controlled via photocell & timeclocks. Lighting in these areas will operate with a reduced number of fittings during inactive site hours.
2. Light levels and type: Site lighting shall be a warm white spectrum (2700K – 3000K) to reduce the blue light component.
3. Column heights of lamp posts: All pole mounted fitting shall be mounted at 6m height.

Symbols Reference:

- EX1 — External Wall Mounted Floodlight (Mounted @ 6m)
- EX2 — External Pole Mounted Floodlight (Mounted @ 6m)
- EX3 — External Pole Mounted Floodlight (Mounted @ 6m)
- EB1 — External Wall Mounted Bulkhead (Mounted @ 2m)
- Cable Draw Pit / Chamber
- ESB — ESB — LV Cable Ducts 2 No. 125mm PVC
- LV — LV — LV — LV Cable Ducts 2 No. 125mm PVC
- ELV — ELV — ELV Cable Ducts 1 No. 125mm PVC
- Lighting Circulation Cable
- WM — WM — Mains Water Supply
- Storm Water

Existing Site Lighting Column to remain in current location.

Existing Site Lighting Columns to be Relocated to New Locations locations.

Site Lighting:
Type EX1 = Veelite 5SF150LBA AktraLED 150w LED, Asymmetric
Type EX2 = Veelite 5ORS09LGA Durastar 50w LED, Street Optic
Type EX3 = Veelite 5SPL03271 SupraLED 210W 96 LED 700mA, Symmetric/Area optic

19 MV/LV Trench Dimensions & Duct Clearances for 125mm Ducting Layouts

Minimum Trench Widths for 1 & 2 Layer of Ducts

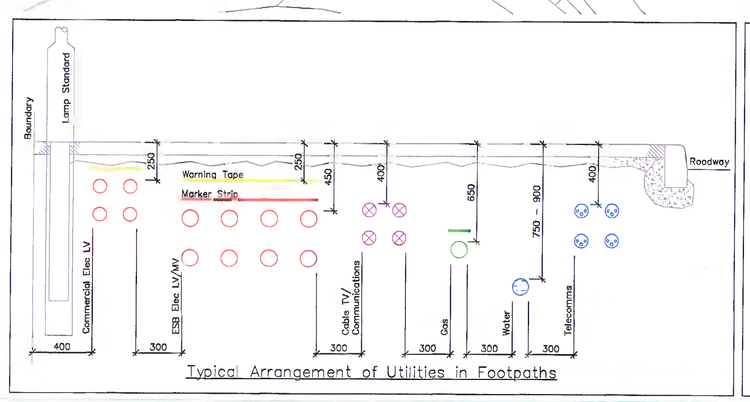
No. Of Ducts in Trench	1	2	3	4	5	6
Minimum Trench Width	325	525	875	1150	1425	1700

Minimum Trench & Duct Depths for 1 Horizontal Row of Ducts

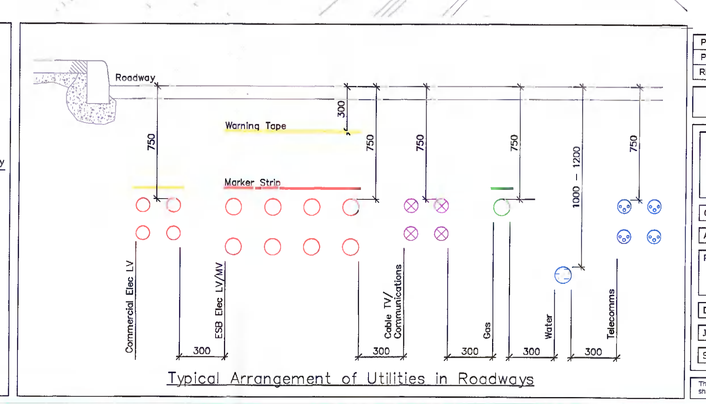
	Footpaths, Soft Areas & Non-Access Roadway	Footpaths	Roads (Not on Their Own Thin New Roads)	Footways, Cycle Tracks & Verges
Minimum Trench Depth (D)	775	625	925	925
Minimum Duct Cover (Top of Duct) (C)	600	450	750	750

Minimum Trench & Duct Depths for 2 Horizontal Row of Ducts

	Footpaths, Soft Areas & Non-Access Roadway	Footpaths	Roads (Not on Their Own Thin New Roads)	Footways, Cycle Tracks & Verges
Minimum Trench Depth (D)	975	825	1125	1125
	1050	900	1200	1200
Minimum Duct Cover (Top of Duct) (C)	600	450	750	750



Typical Arrangement of Utilities in Footpaths



Typical Arrangement of Utilities in Roadways

REV	DATE	AMENDMENT	DRN	CHK
P02	02.06.21	ISSUED FOR PLANNING	SS	CD
P01	26.02.21	ISSUED FOR PLANNING	SS	CD

Issued for Information

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Client:
Architect:
Project: Exeter Browns Barn
Site Layout
Site Lighting Services

Drg. No: EBB-AXE-ZZ-00-DR-E-60101
Job No: 21012
Status: S2
Revision: P02
Scale: SCALE @ A0

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