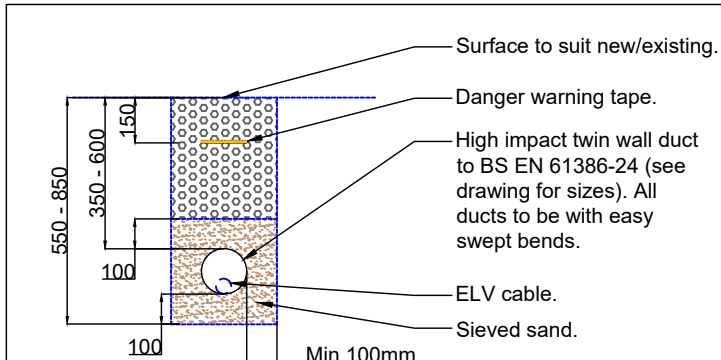
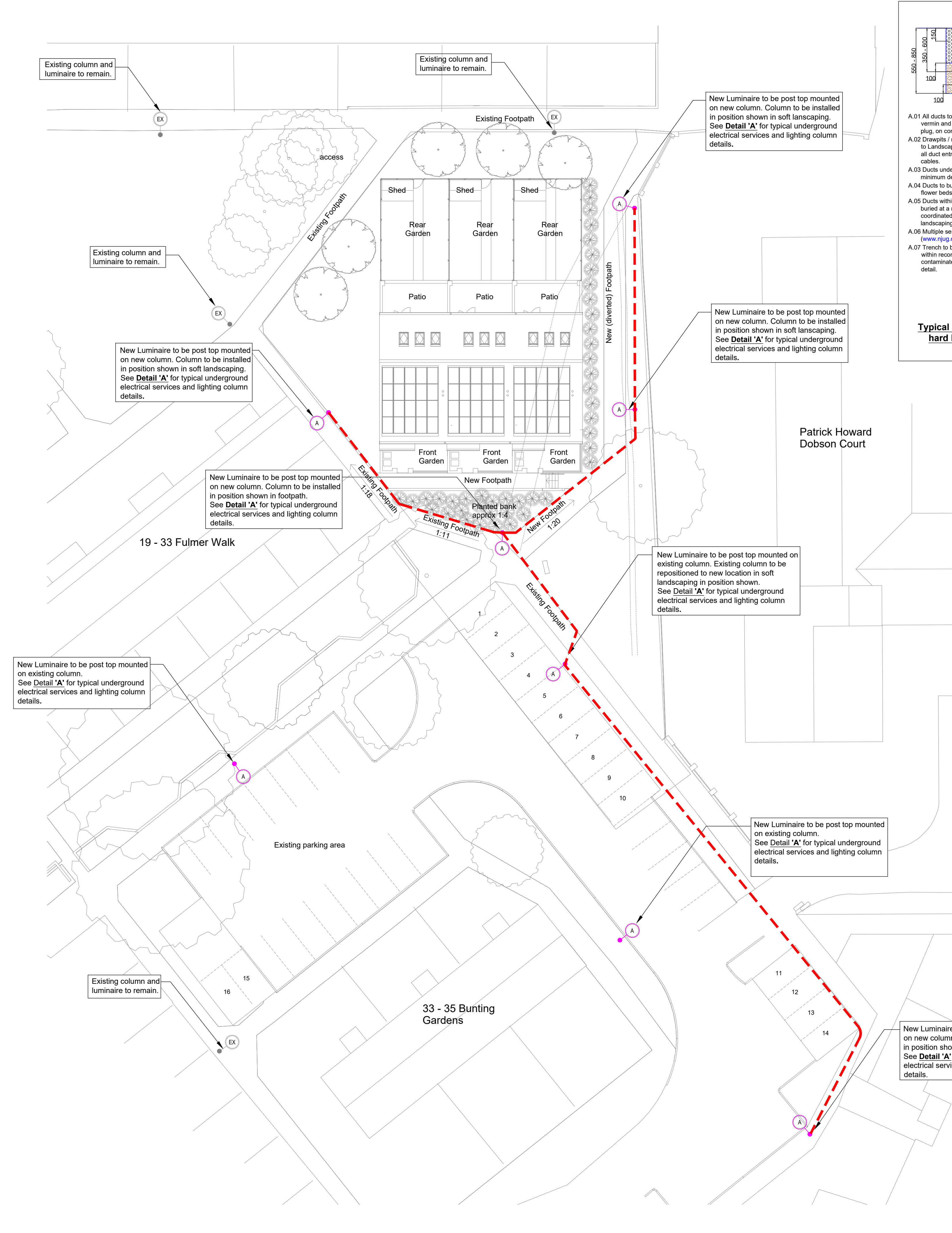
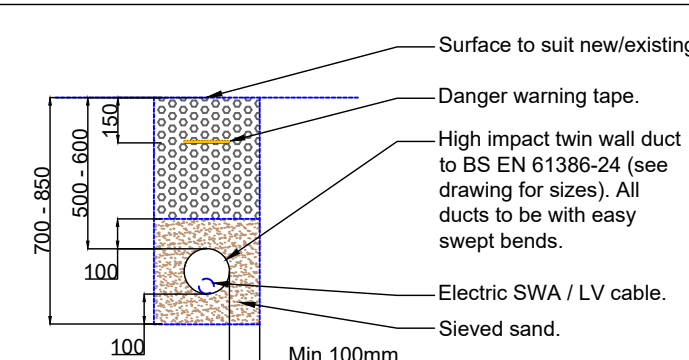




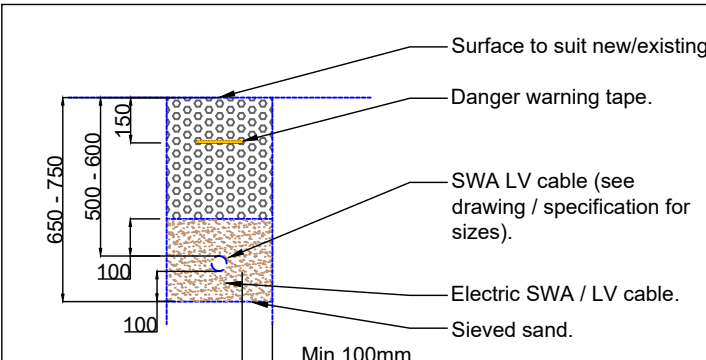
- A.01 All ducts to be provided with draw ropes and sealed against vermin and the egress of water, with a removable compound / plug, on completion of the installation.
- A.02 Drawpits / manholes where required for draw in purposes to be to Landscape Architects detail (minimum 600mm x 450mm) with all duct entries positions to allow for minimum bending radii of cables.
- A.03 Ducts under areas / roads with vehicular traffic to be buried at a minimum depth of 600mm to top of duct.
- A.04 Ducts to be buried at a minimum depth of 500mm to top of duct in flower beds or similar soft landscaping.
- A.05 Ducts within pedestrian areas with hard landscaping may be buried at a minimum depth of 350mm to top of duct (note to be coordinated with minimum depth of 500mm to top of duct in soft landscaping).
- A.06 Multiple services to be in accordance with NJUG guidelines (www.njug.org.uk/publications).
- A.07 Trench to be lined and filled with new materials (or as required within recommendation strategy when installed within contaminated land) - See main tender documents for further detail.

Typical ELV Service installation within hard landscaping, E105-10 (NTS).



- A.01 All ducts to be provided with draw ropes and sealed against vermin and the egress of water, with a removable compound / plug, on completion of the installation.
- A.02 Drawpits / manholes where required for draw in purposes to be to Landscape Architects detail (minimum 600mm x 450mm) with all duct entries positions to allow for minimum bending radii of cables.
- A.03 Where applicable and the duct is required to be open for jointing of equipment they shall be sealed against vermin and the egress of water. Contractor to allow for underground resin joints to connect all ground mounted luminaires to the SWA supply cable where a glanding facility for the SWA cables are not provided within the luminaire. All details for installation to be confirmed with luminaire manufacturer, and CA prior to order / install. All resin joints to be accessible for future maintenance, e.g. to be within soft landscape areas (unless as instructed / indicated for District Network Operators (DNO) cables for un-metered supplies, etc.) and indicated on the "as installed" drawings.
- A.04 Ducts under areas / roads with vehicular traffic to be buried at a minimum depth of 600mm to top of duct.
- A.05 Ducts to be buried at a minimum depth of 500mm to top of duct in flower beds or similar soft landscaping.
- A.06 Multiple services to be in accordance with NJUG guidelines (www.njug.org.uk/publications).
- A.07 Trench to be lined and filled with new materials (or as required within recommendation strategy) when installed within contaminated land - See main tender documents for further detail.

Typical LV Electrical Service installation within hard landscaping, E105-11 (NTS).

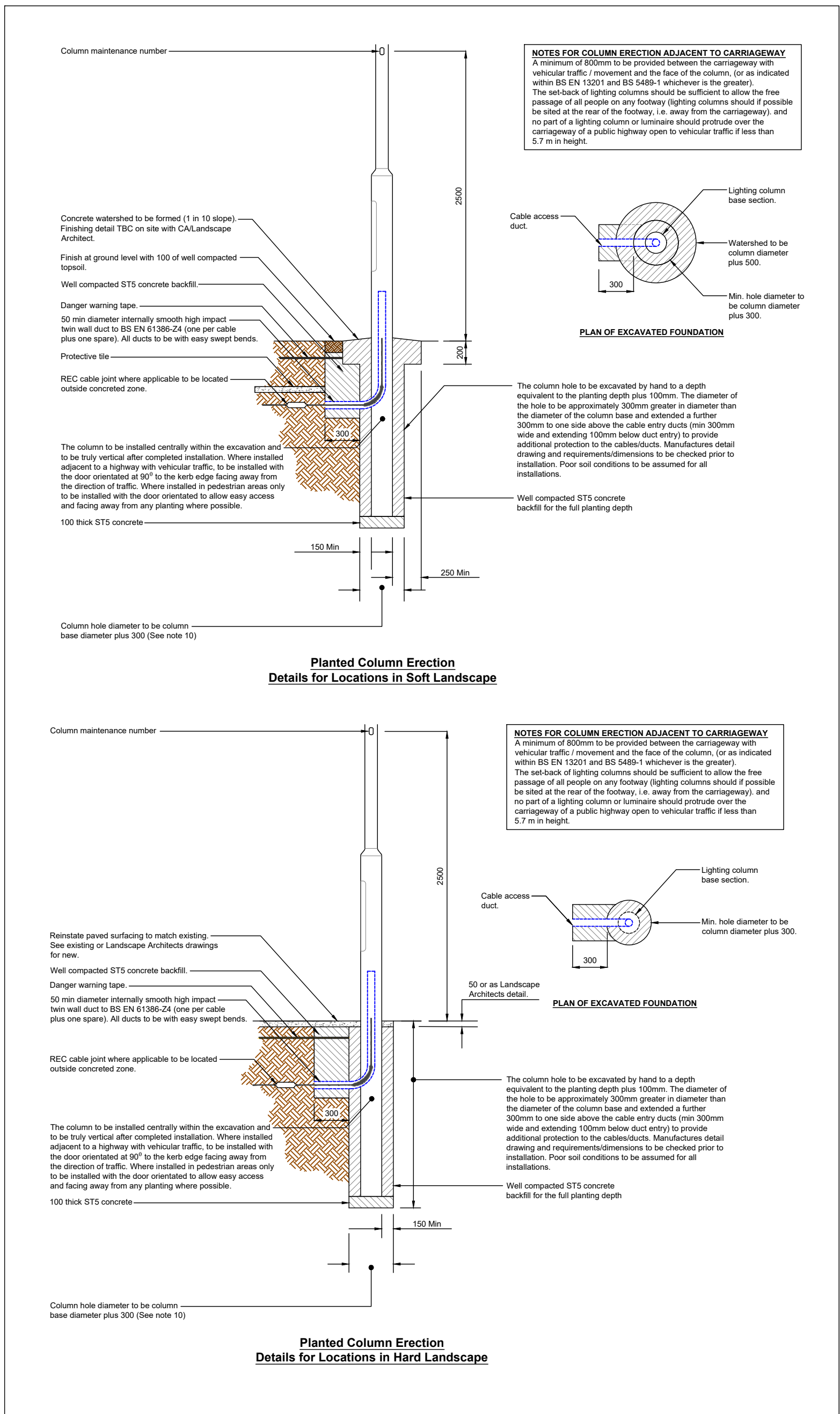


- A.01 All Cables to be provided with duct when entering buildings or crossing roadways (min 100mm or as indicated in drawings / specification. All ducts to be provided with draw ropes and sealed against vermin and the egress of water, with a removable compound / plug, on completion of the installation.
- A.02 Contractor to allow for underground resin joints to connect all ground mounted luminaires to the SWA supply cable where a glanding facility for the SWA cables are not provided within the luminaire. All details for installation to be confirmed with luminaire manufacturer, and CA prior to order / install. All resin joints to be accessible for future maintenance, e.g. to be within soft landscape areas (unless as instructed / indicated for District Network Operators (DNO) cables for un-metered supplies, etc.) and indicated on the "as installed" drawings.
- A.03 Ducts under areas / roads with vehicular traffic to be buried at a minimum depth of 600mm to top of duct.
- A.04 Cables to be buried at a minimum depth of 500mm to top of duct / cable in flower beds or similar soft landscaping.
- A.05 Multiple services to be in accordance with NJUG guidelines (www.njug.org.uk/publications).
- A.06 Trench to be lined and filled with new materials (or as required within recommendation strategy when installed within contaminated land) - See main tender documents for further detail.

Typical LV Electrical Service installation buried direct within soft landscaping, E105-12 (NTS).

LEGEND

SYMBOL	DESCRIPTION
	Existing column only to remain. Luminaire Ref: Urbis Schreider AXIA 3 EVO 1 x 16 Oslon Square Giant@700mA NW 740 230V 02-53-573 35.9 W / 5271 lm Cool White 4000K Lantern Mounting: Post Top Lantern protector: flat glass Control gear ref: electronic DALI dimmable including mayflower installation c/w S6000 socket with external node.
	Column Height 6m - colour BS4800 12B21 Mineral Green. Luminaire Ref: Urbis Schreider 16 LED Cool White 4000K Lantern Mounting: Post Top Lantern protector: flat glass Control gear ref: electronic DALI dimmable including mayflower installation c/w S6000 socket with external node.
	Existing Luminaire and column to remain
	Proposed 50mm ø smooth internal profile orange duct marked "street lighting"



P1	18.04.23	Issued for Planning.	JC
Rev	Date	Revision Details	Approved by
Project			
Bunting Gardens			
Drawing Title			
Proposed Street Lighting Layout			
Date	18.04.23	Scale	1:200
Housing, Neighbourhood and Building Services			
 Portsmouth CITY COUNCIL		James Hill - Head of Service	
Building Engineering Services Team		Tel No: 023 9284 1964	
Luke Pearson - Team Leader			
Design/Survey by	Drawn by	Checked by	
JC	CW	JC	
Drawing No			
2637 - ES - E702			
SURVEY		DESIGN	
FEASIBILITY		TENDER	
INFORMATION	✓	CONTRACT	
		CA Inst.	