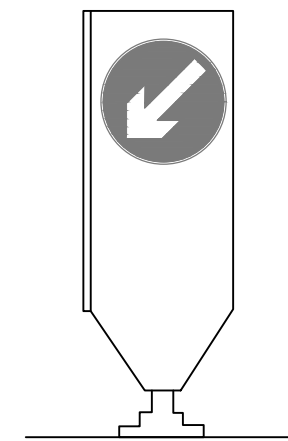


COLUMN FOUNDATION DETAILS
NOT TO SCALE



Traffic Management Products (TMP) reflective non-illuminated bollards and solar powered bollards.

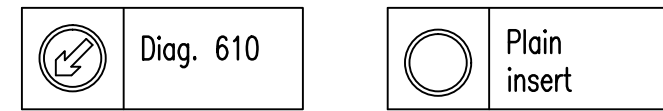
Reflective bollards to be - TMP Heritage Plus.

Solar powered bollards to be - TMP - Solalite Plus.

Sign face dimension as supplied/included on appropriate bollards.

Sign mounting height as per appropriate bollard dimensions.

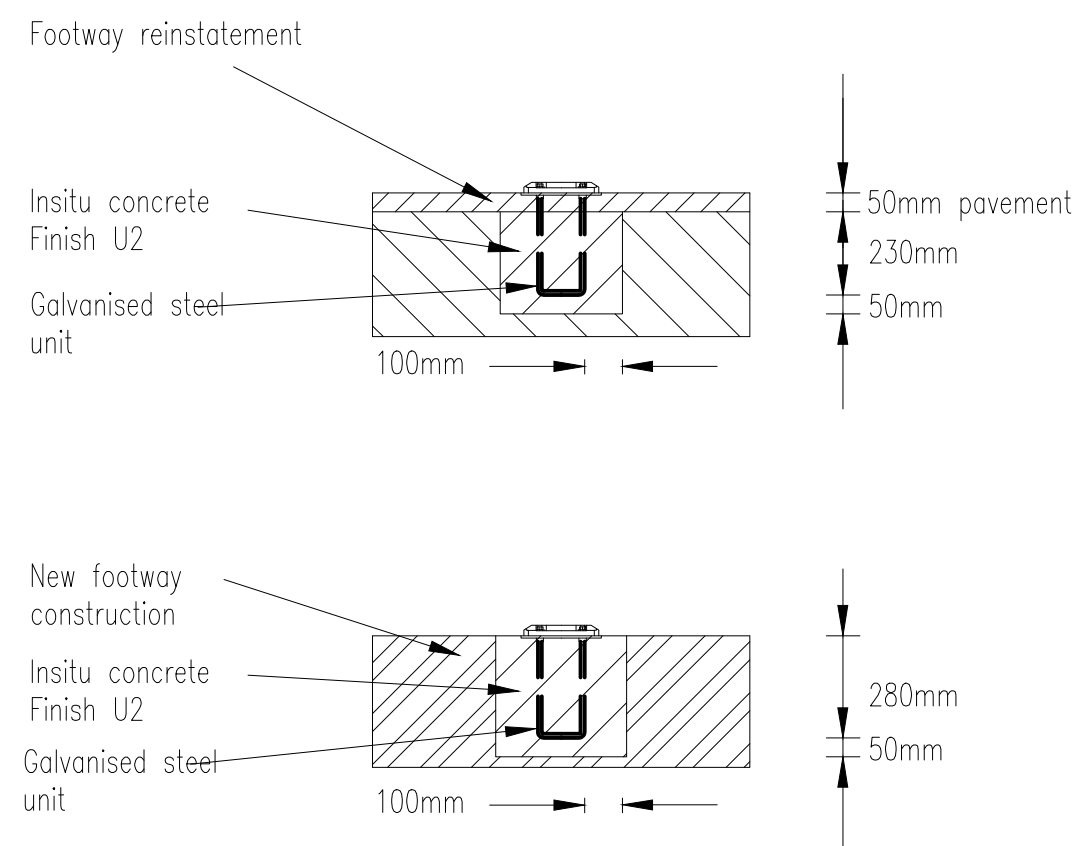
Bollard to be equipped in TMP Cast-in Cage system



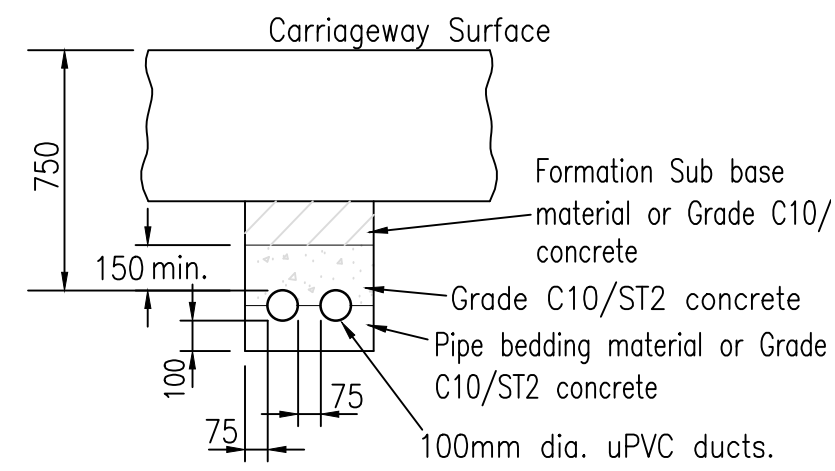
Notes for bollard signs:

- Diagram numbers refer to 'The Traffic Signs Regulations and General Directions' S.I., and all signing shall accord with the latest enactment.
- Location of signing shall be within the adopted highway. Exact locations shall be agreed with the Engineer on site prior to preparation of foundations/excavations and sign erection.

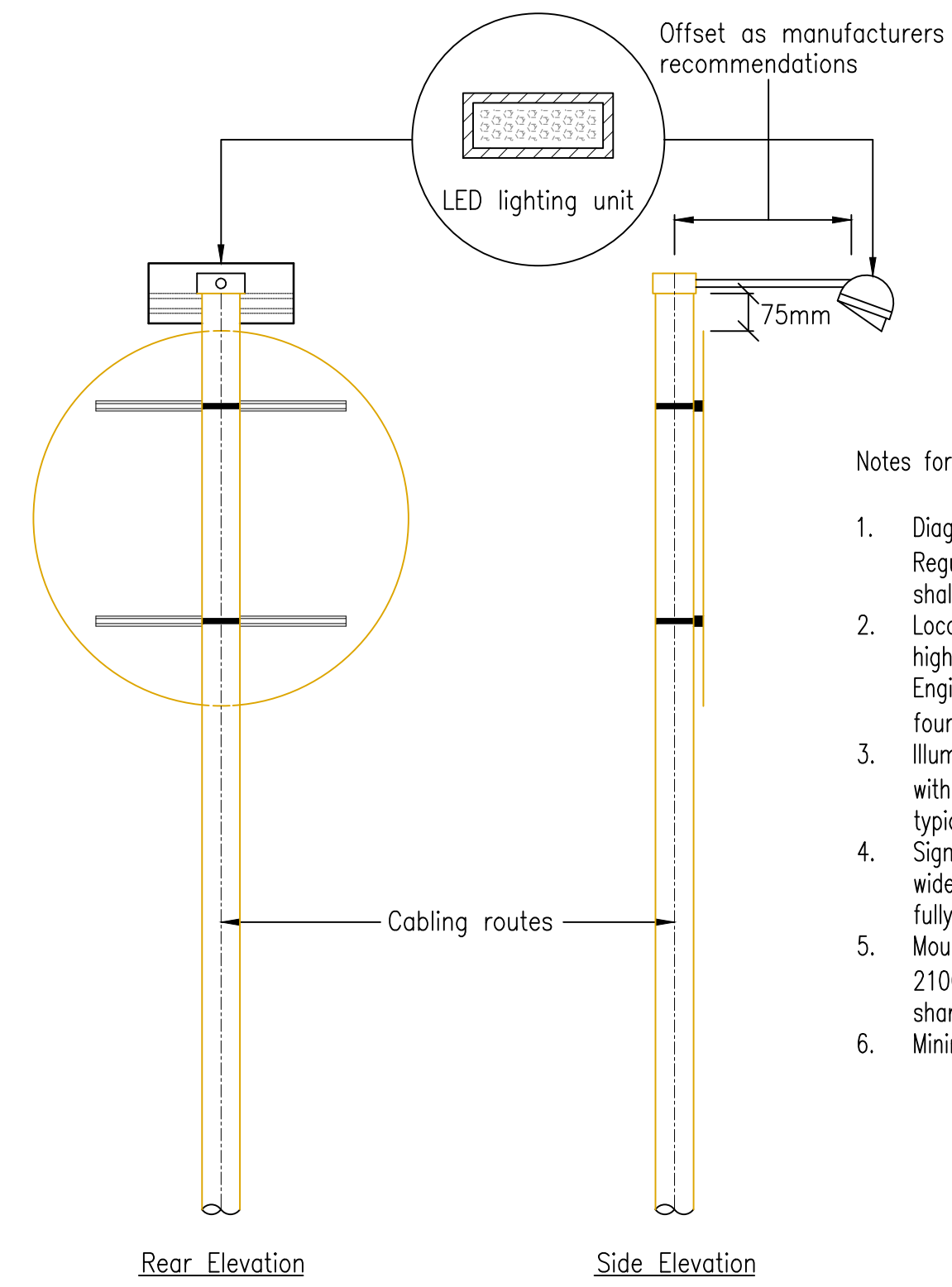
SINGLE ASPECT TRAFFIC BOLLARD DETAILS
NOT TO SCALE



TMP CAST-IN CAGE SYSTEM FOR ROAD BOLLARDS
NOT TO SCALE



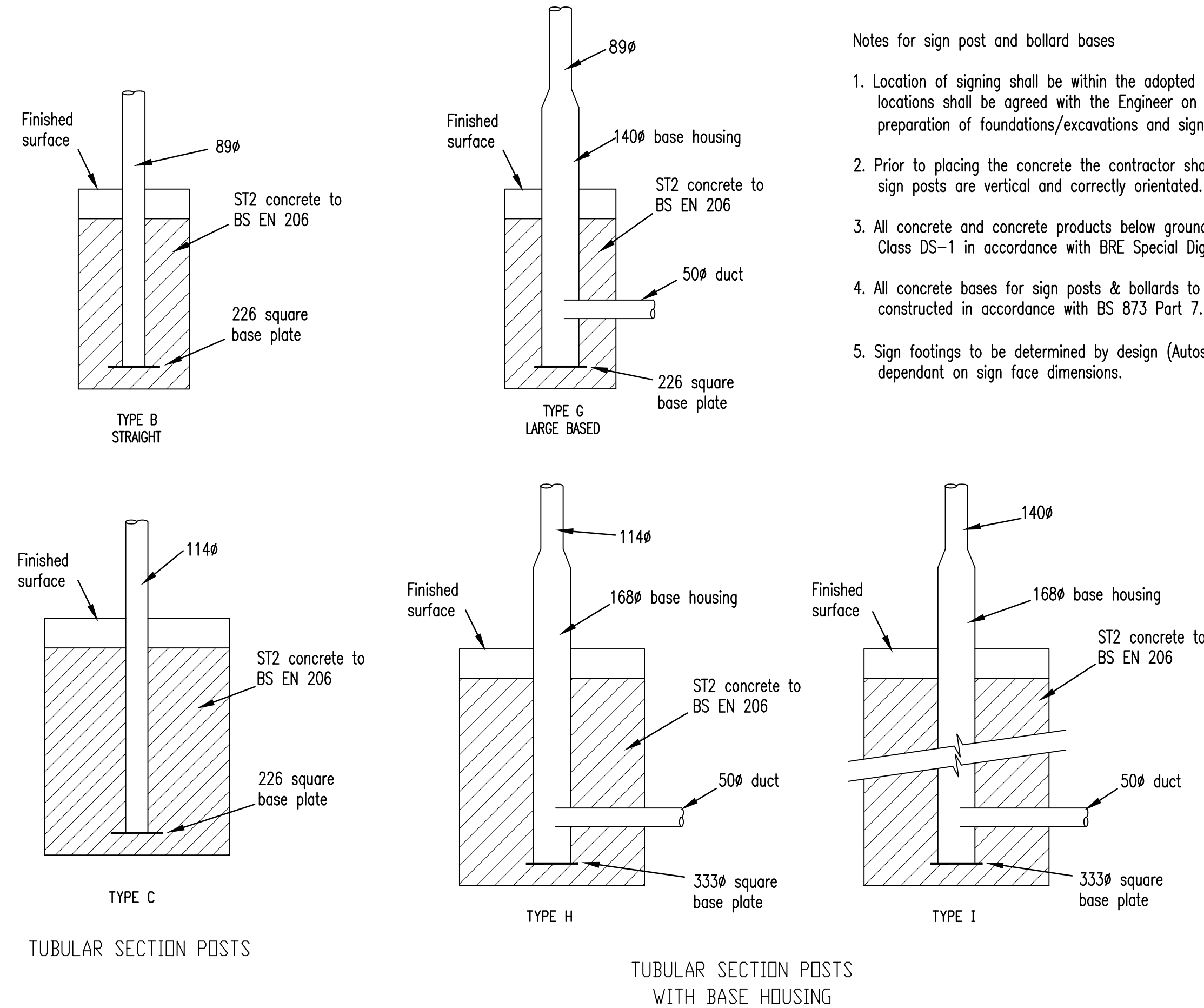
SHALLOW SERVICE DUCT CROSSING
NOT TO SCALE



TRAFFIC SIGN LIGHTING DETAIL
NOT TO SCALE

Notes for traffic signs:

- Diagram numbers refer to 'The Traffic Signs Regulations and General Directions' S.I., and all signing shall accord with the latest enactment.
- Location of signing shall be within the adopted highway. Exact locations shall be agreed with the Engineer on site prior to preparation of foundations/excavations and sign erection.
- Illuminated signs to use an approved LED sign light with the equivalent (or better) light performance of a typical approved 8W sign light.
- Signs posts to be 4m or 5m high aluminium, with wide base for illuminated signs, passively safe and fully recyclable.
- Mounting height of signs to be a minimum of 2100mm above/on footway and 2300mm above/on shared use facilities for cyclists and pedestrians.
- Minimum sign clearance to kerb to be 450mm.



TUBULAR SECTION POSTS

TUBULAR SECTION POSTS WITH BASE HOUSING

CONCRETE BASE DETAILS FOR SIGN POSTS
NOT TO SCALE

Notes for sign post and bollard bases

- Location of signing shall be within the adopted highway. Exact locations shall be agreed with the Engineer on site prior to preparation of foundations/excavations and sign erection.
- Prior to placing the concrete the contractor shall ensure that sign posts are vertical and correctly orientated.
- All concrete and concrete products below ground level to be Class DS-1 in accordance with BRE Special Digest 1.
- All concrete bases for sign posts & bollards to be constructed in accordance with BS 873 Part 7.
- Sign footings to be determined by design (Autosign) dependant on sign face dimensions.

Construction Design and Management (CDM) Key Residual Risks
Contractors entering the site should gain permission from the relevant land owners and/or principle contractor working on site at the time of entry. Contractors shall be responsible for carrying out their own risk assessments and for liaising with the relevant services companies and authorities. Listed below are Site Specific key risks associated with the project.

- Overhead and underground services
- Street Lighting Cables
- Working adjacent to water courses and flood plain
- Soft ground conditions
- Working adjacent to live highways and railway line
- Uncharted services
- Existing buildings with potential asbestos hazards

Notes:

- Do not scale from this drawing.
- All dimensions are in millimeters unless stated otherwise.
- All materials and workmanship to be in accordance with the Contract Specification and the Department of Transport Specification for Highway Works and Devon County Councils highway construction details.
- It is the Contractor's responsibility to liaise with all relevant services companies to ensure that all services are accurately located and adequately protected during construction.
- CBR's to be confirmed by insitu tests carried out in accordance with local authority specification.
- These details include the use of heavy kerb/paving products which the contractor is expected to handle using appropriate mechanical handling aids in accordance with HSE guidance.
- All insitu concrete & precast concrete to be sulphate resistant to class II and poker vibrated.
- Reinstatement of all trenches shall comply with Devon County Council Specification for Highway Works.
- All utility service trenches to be back filled in accordance with NRSWA (ie. GSB type 1).
- All proposed utility service equipment positions to be agreed with Devon County Council engineer & relevant statutory authority prior to installation.
- All material testing to be carried out by the Contractor in accordance with Devon County Council specifications and the Devon County Council engineers requirements.
- No utility boxes are to be placed within 2m of pedestrian crossings.
- All haunch's to feature a 50 x 50 key set 50 from rear face of kerb.
- If CBR value is found to be less than 4.5% formation treatment to be directed.
- No loose stone/chippings etc to be laid at back of adopted carriageway or footway.

- First Issue SM MSM PAB 07.07.21



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EDNC Consortium

EDNC Town Centre Parcel
TC4 Access Road

Standard Details
Sheet 2

Status	Status Date
Approval	July 2021
Drawn	Checked
MSM	DS
Scale	Number
As shown	10301-150-702
0	X X X X X
METRES	

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.