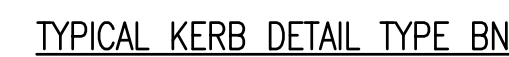
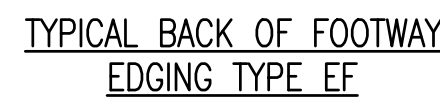
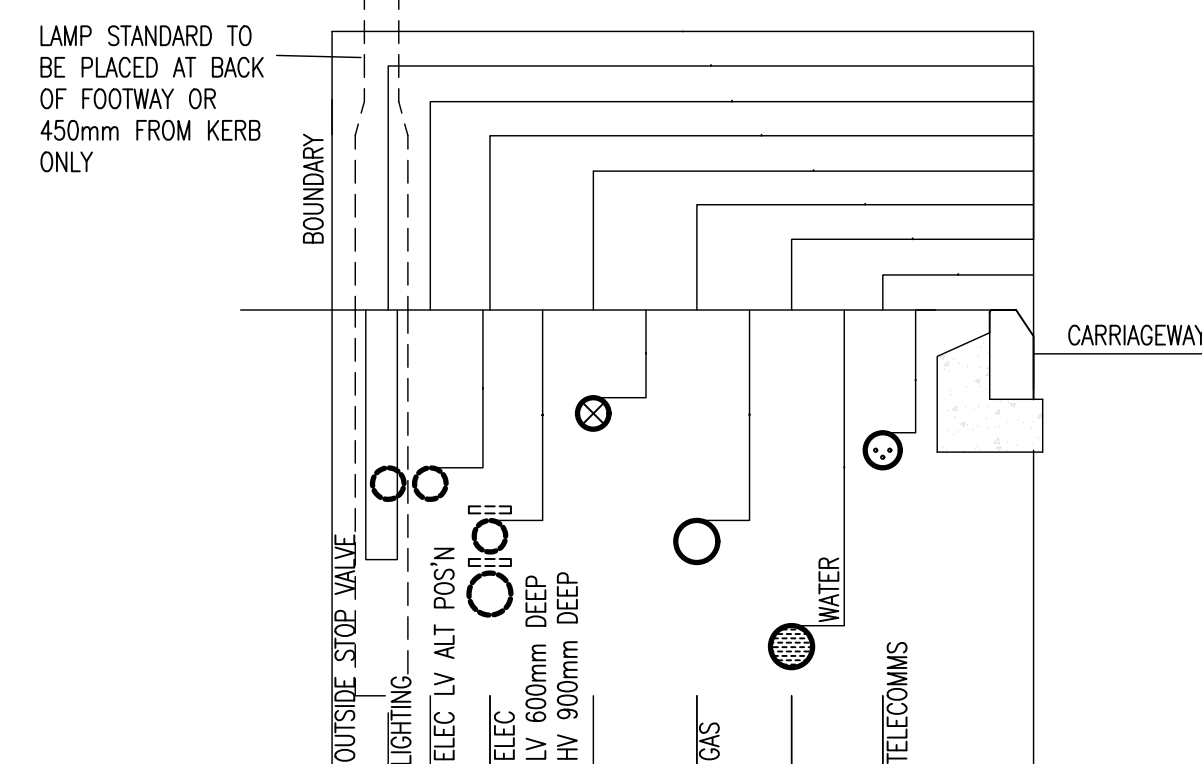


CBR VALUE (%)	<2%	2-5%	>5%
	Min. Sub-base thickness (mm)		
Sub-Base	150	150	300
Capping Layer	600	350	-

1. CBR VALUES SHOW ARE THOSE OF THE SUB-BASE
2. WHERE CBR IS LESS THAN 1%, SPECIAL TREATMENT MAY BE NECESSARY.
3. THE MINIMUM CONSTRUCTION THICKNESS IS TO BE 450mm IN FROST SUSCEPTIBLE SOILS.
4. ASSUME THAT GROUND CONDITIONS OFFER CBR OF 2-5%



1. PIPES BETWEEN GULLY AND DRAIN WHETHER FLEXIBLE OR RIGID SHALL NOT EXCEED 700MM IN LENGTH.
2. PEDESTRIAN TYPE GULLY GRATINGS SHALL BE USED WHERE GULLIES ARE LOCATED WITHIN VEHICLE ACCESSES, SHARED SURFACE ROADS AND CYCLEWAYS.
3. ALL GULLY CONNECTIONS INTO THE MAIN SURFACE WATER SEWER TO BE ANGLED WITH THE DIRECTION OF FLOW.



RECOMMENDED ARRANGEMENT OF SERVICES IN A 2.0m FOOTWAY

NOTE: NOT ALL SERVICES ARE EXPECTED TO BE WITHIN, OR ON THE SAME, FOOTWAY SIDE.
WHERE THE FOOTWAY WIDTH IS LESS THAN 2.0m THE CONTRACTOR SHALL SEEK GUIDANCE
FROM THE ENGINEER.



1. ALL HIGHWAY WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH NEATH PORT TALBOT COUNTY BOROUGH COUNCIL'S SPECIFICATION FOR HIGHWAY WORKS.
2. REFER TO THE ENGINEERING DRAWINGS FOR ROAD TYPES, AND CARRIAGEWAY, FOOTWAY AND SERVICE MARGIN WIDTHS.
3. ALL KERBS SHALL BE LAID UPRIGHT ON GRADE ST1 CONCRETE AS DIMENSIONED. IMMEDIATELY AFTER LAYING, KERBS AND EDGINGS SHALL BE BACKED AND HAUNCHED WITH ST1 CONCRETE IN ACCORDANCE WITH THE DETAIL.
4. ALL PRECAST CONCRETE KERBS ETC. SHALL COMPLY WITH BS 7263 : PART 1 : 1994.
5. ALL PRECAST CONCRETE BLOCK PAVING, SHALL COMPLY WITH BS 6717.
6. PROPRIETARY DROPPER KERBS, RADIUS KERBS, TRANSITION KERBS, ANGLE KERBS, QUADRANT KERBS, ETC. ARE TO BE USED AS APPROPRIATE.
7. ALL IRONWARE IN THE CARRIAGEWAY IS TO COMPLY WITH BS EN124. CERTIFICATION MARK OF BS1, LROA OR SGS ONLY ARE ACCEPTABLE.
8. THE SUB BASE AND CAPPING LAYER THICKNESS IS DEPENDENT ON SUBGRADE EQUILIBRIUM CBR VALUES CBR TESTS TO BE CARRIED OUT BY A NPTCBB APPROVED LABORATORY AND THE SPECIFICATION THEN AGREED BY NPTCBB AND THE DEVELOPER.
9. FOOTWAY/PATH SURFACING TO BE LAID 5MM HIGHER THAN ADJACENT KERB.
10. GULLY GRATINGS TO BE LAID 5MM BELOW ADJACENT ROAD SURFACE.
11. REFER TO THE NPTCBB STANDARD DETAILS BOOKLET FOR FULL INFORMATION.

1. DO NOT SCALE

2. THE CONTRACTOR IS TO CHECK AND VERIFY ALL BUILDINGS AND SITE DIMENSIONS AND LEVELS, INCLUDING SEWER INVERT LEVELS, BEFORE WORKS START ON SITE. THE CONTRACTOR IS TO COMPLY IN ALL ASPECTS WITH THE CURRENT BUILDING LEGISLATION BRITISH STANDARDS, BUILDING REGULATIONS ETC.
3. POSITIONS OF EXISTING SERVICES/STATUTORY UNDERTAKERS APPARATUS ADJACENT TO OR CROSSING PROPOSED EXCAVATIONS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO STARTING WORK.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AND CHECKED AGAINST ALL OTHER DRAWINGS,ENGINEERING DETAILS, SPECIFICATION AND ANY STRUCTURAL, GEOTECHNICAL OR OTHER SPECIALIST DOCUMENT PROVIDED.
5. ANY ANOMALY OR CONTRADICTION BETWEEN ANY OF THE ABOVE IS TO BE REPORTED TO PERSIMMON HOMES WEST WALES.
6. THIS DRAWING IS SCHEMATIC FOR CLARITY ONLY, POSITIONS OF PIPE RUNS AND MANHOLES MAY VARY ON SITE DUE TO SITE CONDITIONS.

THIS DRAWING IS SUBJECT TO TECHNICAL APPROVALS FROM THE RELEVANT ADOPTING BODIES AND IS SUBJECT TO CHANGE DURING THE APPROVAL PERIOD.

Client



Scale: NTS Date: June 2021 Drawn by: JS

Rev:

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Drg.Status: **FOR APPROVAL**