

SQUARE CHANNEL BLOCK DETAIL
SCALE 1:10

GENERAL NOTES:

- ## HIGHWAY NOTES

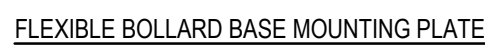
1. ALL CONSTRUCTION IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE ADOPTING AUTHORITIES CURRENT STANDARD DETAILS AND UNDER THE SUPERVISION OF THE CLERK OF WORKS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND UNDERSTAND THESE STANDARDS AS WELL AS ARRANGE REQUIRED INSPECTIONS.
2. ALL STREET WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT LOCAL AUTHORITY DESIGN GUIDE & SPECIFICATION & SPECIFICATION FOR HIGHWAY WORKS (SHW) ARE TO BE THE SUBJECT OF A SECTION 278 AGREEMENT OF THE HIGHWAYS ACT 1980.
3. ALL EXCAVATIONS BELOW PROPOSED AND EXISTING HIGHWAYS TO BE BACK FILLED WITH GRANULAR TYPE 1 SUB BASE AND WELL COMPACTED IN LAYERS NOT EXCEEDING 150mm, UNLESS OTHERWISE AGREED.
4. ROADS AND SEWERS CONTRACTOR MUST INFORM HIGHWAY AUTHORITY PRIOR TO WORKS COMMENCING.
5. ALL ROAD MARKINGS AND TRAFFIC SIGNAGE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS (TSRGD).



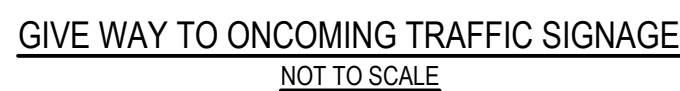
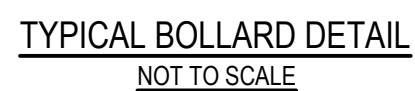
1. ALL POTHOLES TO BE REPAIRED ONLY WITHIN AREA'S RELATING TO THE INSTALLATION OF PROPOSED CHICANES, PRIOR TO LAYING NEW SURFACE COURSE:
 - * ALL POTHOLES TO BE FILLED WITH 10mm BITUMINOUS MATERIAL OR EQUIVALENT.
 - * POTHOLES TO BE SQUARED OUT AND BITUMEN EMULSION APPLIED TO VERTICAL FACES AND BOTTOM OF POTHOLE PRIOR TO LAYING OF HOT MATERIAL.
 - * COMPACTION TO BE CARRIED OUT BY VIBRATORY ROLLER ONLY.
 - * COLD LAY MATERIAL IS NOT ACCEPTABLE.
2. GENERALLY EXISTING LEVELS AND FALLS ARE TO BE MAINTAINED WITH REGULATING COURSE APPLIED WHERE NECESSARY TO REMOVE ANY LOCALISED UNDULATIONS TO ENSURE FALLS FROM HIGH TO LOW POINTS ARE SMOOTH.
3. ALL EXISTING TRENCH/PATCH REINSTATEMENT ARE TO BE INSPECTED FOLLOWING REMOVAL OF EXISTING SURFACE COURSE AND INSPECTED TO CONFIRM IF FURTHER WORKS ARE REQUIRED.



TIE-IN BETWEEN NEW AND EXISTING CARRIAGEWAY
NOT TO SCALE



1. THE BOLLARD SHALL HAVE FLEXIBLE MOUNTING CONSTRUCTION WITH ROTATIONAL ABILITY AND ABSORB IMPACT IN ACCORDANCE WITH BS EN 12767-2:2007 WITHOUT SUSTAINING DAMAGE. BOLLARDS SHOULD BE ERECTED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
2. FOUNDATION CONSTRUCTION TO BE AS SHOWN AND IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
3. THE BOLLARD SHOULD BE POSITIONED IN SPLITTER ISLANDS AND REFUGES SO THAT THE FRONT FACE IS 0.45m TO 1.0m FROM THE NOSE OF THE ISLAND AND THE CLEARANCE FROM THE CARRIAGEWAY TO THE SIDE FACES SHALL BE 0.45m TO 0.6m OR AS AGREED WITH THE ENGINEER.



REF	REFERENCE	DT	END	DATE
CLIENT				

PROJECT

DRAWING TITLE

BECKWITH & HANLON
Consulting Engineers Limited
2 Riverside Studios, Amethyst Road,
Newcastle Business Park,
Newcastle upon Tyne, NE4 7YL
tel: 0191 273 7582

SCALE	BY	CHECKED	DATE
AS SHOWN	JH	JM	NOV. '23

DRAWING NO.
23-026-103

STATUS FINAL	REV	P5
	SIZE	A1