

CBR (%)	SUB BASE (mm)	CAPPING (mm)	SUB BASE ONLY (mm)
≥2	REFER TO NOTE 4		
2.5	350	250	450
3	320	240	420
4	270	230	370
5	240	210	330
6	230	210	310
7	210	200	290
8	200	190	270
9	190	180	260
10	180	180	250
11	170	170	240
12	170	170	230
13	160	160	220
14	160	160	210
≥15	150	150	200

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.

RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

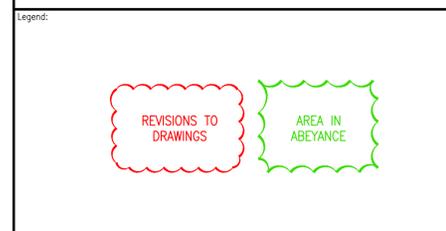
CONSTRUCTION

DEMOLITION

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

- Notes:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ASSOCIATED FAIRHURST DRAWINGS, KCC STANDARD DETAILS, AND KCC SPECIFICATIONS.
 - CONTRACTOR IS TO CHECK AND CONFIRM ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORKS.
 - ANY DISCREPANCIES BETWEEN THE ENGINEERS DRAWINGS AND SITE CONDITIONS TO BE REPORTED TO THE ENGINEER IMMEDIATELY AND INSTRUCTIONS RECEIVED BEFORE PROCEEDING.
- CBR TABLE NOTES:
- FOR CBR VALUES OF 2% OR LESS THE CONSTRUCTION SHALL BE 150mm TYPE 1 SUB-BASE ON 600 CAPPING (6F1) ON GEOTEXTILE TENSAR TRIAX TX160/TX-G160 (OR APPROVED EQUIVALENT)
 - ALL MATERIAL WITHIN 450mm FROM FINISHED LEVELS SHALL BE NON-FROST SUSCEPTIBLE.
 - THE SUBBASE/CAPPING LAYER THICKNESSES TO BE DETERMINED FROM THE ABOVE TABLE. SHOULD THE CAPPING LAYER BE OMITTED, THE SUBBASE LAYER MAY BE INCREASED IN ACCORDANCE WITH THE FOURTH COLUMN.
 - ALL CONSTRUCTION BUILD-UPS HAVE BEEN DESIGNED ON THE BASIS THAT A FORMATION CBR VALUE OF 3% CAN BE ACHIEVED.
 - IN THE EVENT THAT IT IS PROVEN THAT THE MINIMUM CBR IS HIGHER THAN 3%, TEST RESULTS ARE TO BE SUBMITTED FOR REVIEW BY THE ENGINEER. THE SUB-BASE THICKNESS MAY BE REDUCED AT THE ENGINEER'S DISCRETION IN ACCORDANCE WITH THE TABLE AND NON-FROST SUSCEPTIBILITY REQUIREMENTS.
 - IN THE EVENT THAT 3% CBR VALUE CANNOT BE ACHIEVED THEN SUBBASE DEPTHS ARE TO BE UPDATED IN ACCORDANCE WITH THE ABOVE TABLE. IN THE EVENT THAT CBR VALUES TAKEN ARE LESS THAN 2.5%, THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY.
 - CARRIAGEWAY & PARKING CONSTRUCTION NOTE: AREAS WITH SOFT SPOTS TO BE EXCAVATED AND REINSTATED WITH CAPPING MATERIAL. COMPACTED MATERIAL TO BE IN ACCORDANCE WITH SHW TABLE 6/1.



C03	06/07/23	PROW SURFACE DETAIL ADDED	DH	AC	MJT
C02	01/03/23	UPDATED	AC	DH	MJT
C01	08/03/23	PRELIMINARY IFC DRAWING ISSUE	AC	DH	MJT

Rev.	Date	Description	Drwn.	Chkd.	Appd.
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FirethornTRUST
Glencar CONSTRUCTION

Suitability: S4
Fairhurst Ref: 151252

Project Title:
**GATEWAY 36
BARNESLEY**

Drawing Title:
**EXTERNAL WORKS
CONSTRUCTION DETAILS
SHEET 3**

Scale at A1: AS SHOWN	Status: FIT FOR CONSTRUCTION APPROVAL	
Drawn: AC	Checked: DH	Approved: MJT
Date: 08/03/23	Date: 08/03/23	Date: 08/03/23

Drawing No.: **G1144-FRH-XX-XX-DR-C-02012** C03