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DO NOT SCALE THIS DRAWING.

Suitability Code (as defined in ISO 19650-2:2018)

Work in Progress (WIP)
S0 - Initial Status

Shared (Non- Contractual)
S1 - Suitable for co-ordination
S2 - Suitable for information
S3 - Suitable for review & comment
S4 - Suitable for stage approval
S5 - Withdrawn
S6 - Suitable for PIM authorisation
S7 - Suitable for AIM authorisation

Published (Contractual)
A1, A2, A3, Etc - Authorised and accepted
B1,B2,B3, Etc, - Partial sign-off (with comments)

Published (AIM Acceptance)
CR - As constructed record document

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

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

CONSTRUCTION

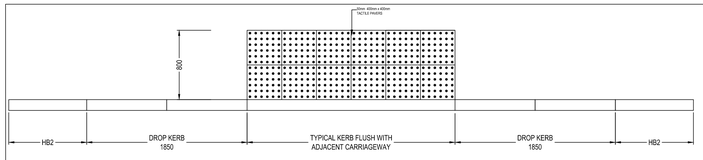
- EXISTING BURIED UTILITIES
- EXISTING LIVE HIGHWAY AND CAR PARK

MAINTENANCE/CLEANING/OPERATION

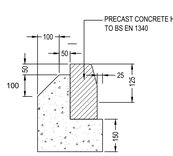
- NO UNUSUAL RISKS

DECOMMISSIONING/DEMOLITION

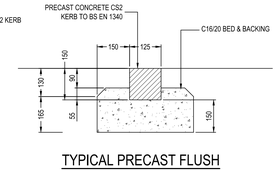
- NO UNUSUAL RISKS



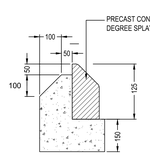
TYPICAL AT GRADE UNCONTROLLED CROSSING LAYOUT



TYPICAL PRECAST HB2 KERB



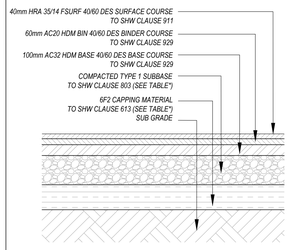
TYPICAL PRECAST FLUSH CONCRETE KERB



TYPICAL PRECAST 45 DEGREE SPLAYED KERB

TYPICAL ROAD KERB CONSTRUCTION DETAILS

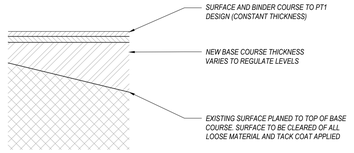
REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR SPECIFIC KERB TYPES



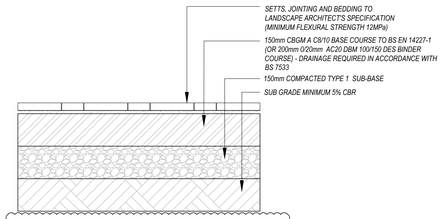
PT1 - CARRIAGEWAY PAVEMENT CONSTRUCTION

REFER TO TABLE* FOR FOUNDATION LAYER OPTIONS

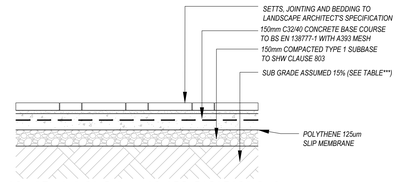
TIE-IN TO EXISTING FLEXIBLE PAVEMENT CONSTRUCTION



NEW PAVEMENT ON EXISTING: PLANE AND OVERLAY

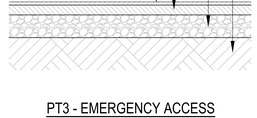


PT4 CONCRETE BLOCKS - PEDESTRIAN ONLY

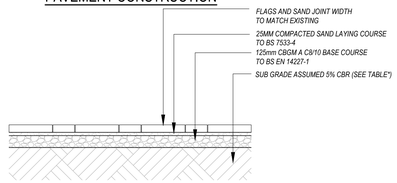


PT5 CONCRETE BLOCKS - VEHICLE ACCESS

REFER TO TABLE** FOR FOUNDATION LAYER OPTIONS

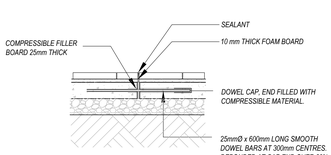


PT3 - EMERGENCY ACCESS PAVEMENT CONSTRUCTION

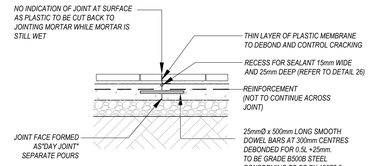


PT6 CONCRETE FLAGS - PEDESTRIAN ONLY

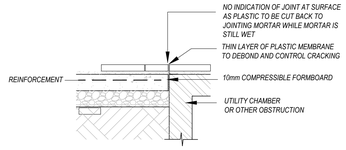
REFER TO TABLE* FOR BASE LAYER OPTIONS



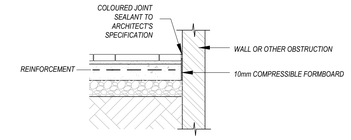
EXPANSION JOINT



CONTRACTION JOINT



ISOLATION JOINT - HALF DEPTH
(AT BURIED STRUCTURES DIRECTLY BELOW PAVING)



ISOLATION JOINT - FULL DEPTH
(WALLS OF OTHER OBSTRUCTIONS)

Notes
1. NON-RIGID BOUND AND RIGID BOUND BASE LAYERS SHOULD BE WATER PERMEABLE TO ALLOW THE FREE DRAINAGE OF WATER FROM THE LAYING COURSE.
2. PSV AND AAV TESTING REQUIREMENTS TO COMPLY WITH DMRB REQUIREMENTS

	SUBBASE ON CAPPING		SUBBASE ONLY	CAPPING ONLY
CBR (%)	SUBBASE (mm)	CAPPING (mm)	SUBBASE (mm)	CAPPING (mm)
2.5	350	250	450	550
3	320	240	420	520
4	270	230	370	450
5	240	210	330	390
8	200	190	270	310
10	180	180	250	270
12	170	170	230	250
≥ 15	150	150	200	200

*PT1 FOUNDATION DESIGN OPTIONS

FOR CAPPING ONLY, BASE COURSE THICKNESS TO BE INCREASED BY 30mm TO 130mm

	SUBBASE ON CAPPING		SUBBASE ONLY
CBR (%)	SUBBASE (mm)	CAPPING (mm)	SUBBASE (mm)
2.5	150	400	350
3	150	350	300
4	150	300	350
5	150	250	220
8	150	200	190
10	150	180	175
≥ 15	150	150	150

**PT5 FOUNDATION DESIGN OPTIONS

Rev	Appr/Drn	Date	Description
C02	SG AJH	24.04.23	A4 AUTHORISED & ACCEPTED
C01	GM AJH	22.12.21	A4 AUTHORISED & ACCEPTED
P04	SBH TH	09.07.20	STAGE 4a TENDER - PT4 REVISED FOR MEWP LOADING
P03	SBH TH	03.07.20	STAGE 4a TENDER
P02	SBH NJH	27.04.20	STAGE 4a DRAFT
P01	SBH NJH	09.04.20	INFORMATION

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Co-op Live

title HIGHWAYS
SPORT CITY WAY PUBLIC REALM
CONSTRUCTION DETAILS

purpose of issue
A4 AUTHORISED & ACCEPTED

scale	AS SHOWN	drawn	SBH	Job no.	Suitability
date	Apr-20	checked	NJH	0042841	A4

reference: project code - originator - volume - level - type - role - number: BRA-BHE-XX-XX-DR-C-0220

rev: C02