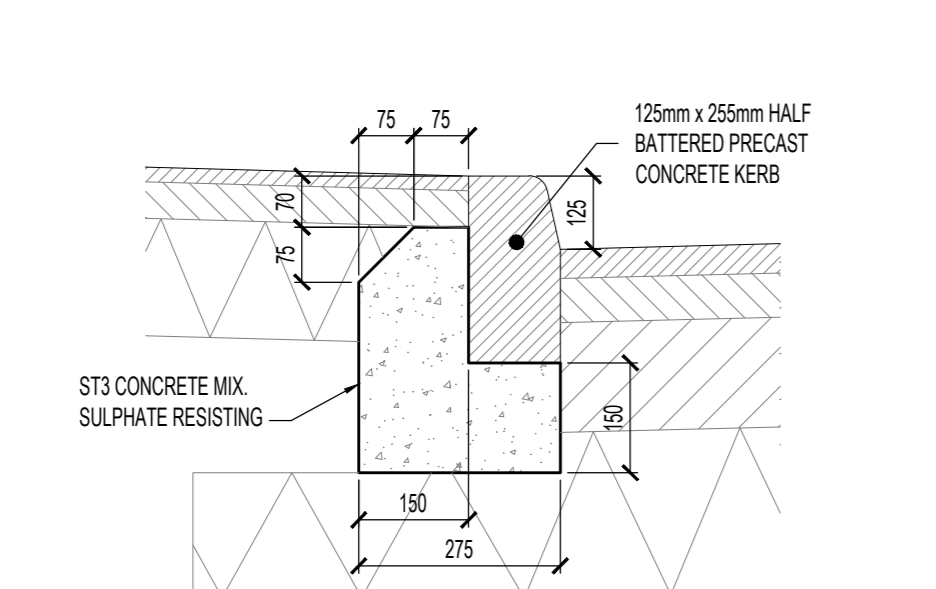
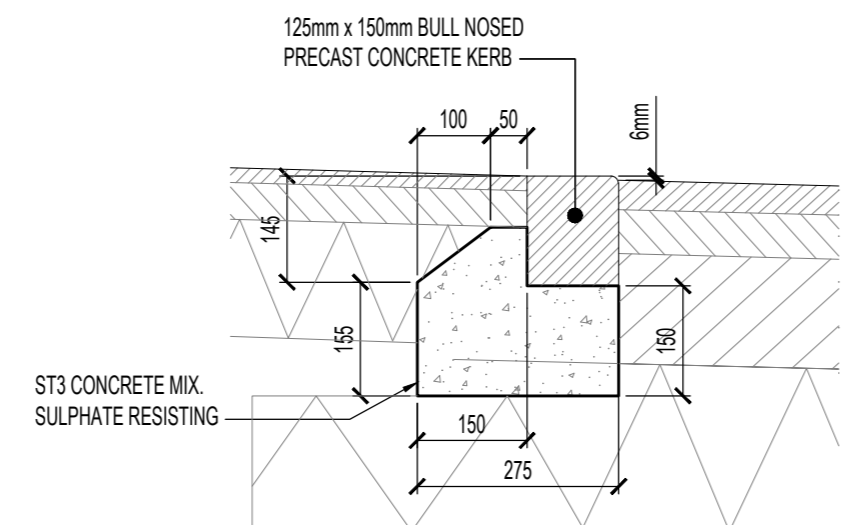


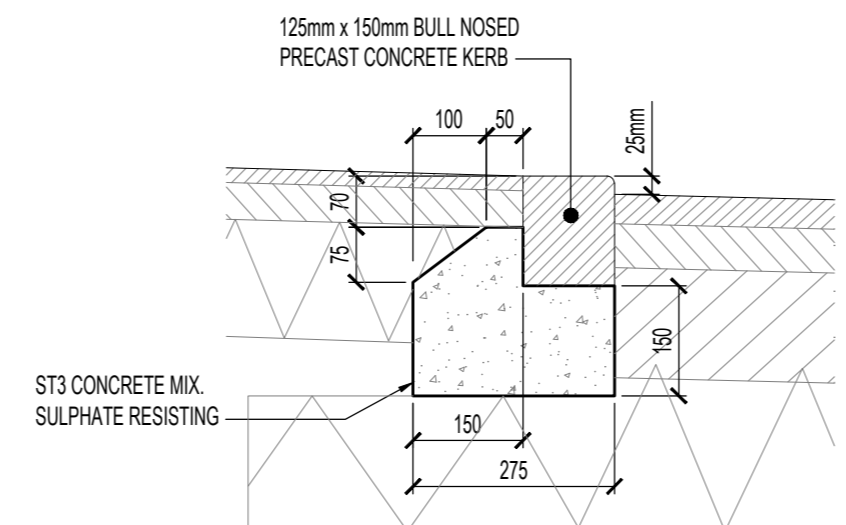
TYPICAL EDGING KERB DETAIL LAID FLUSH (SCALE 1:10)



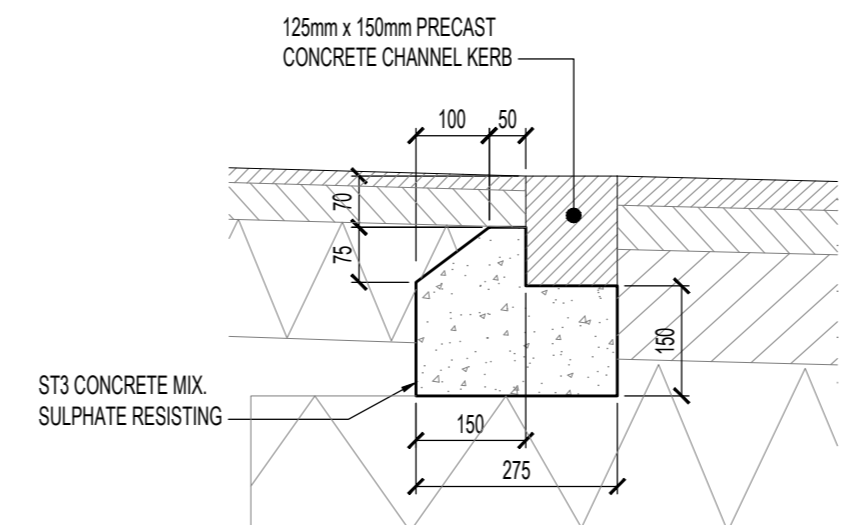
TYPICAL HB2 KERB DETAIL WITH 125mm UPSTAND (SCALE 1:10)



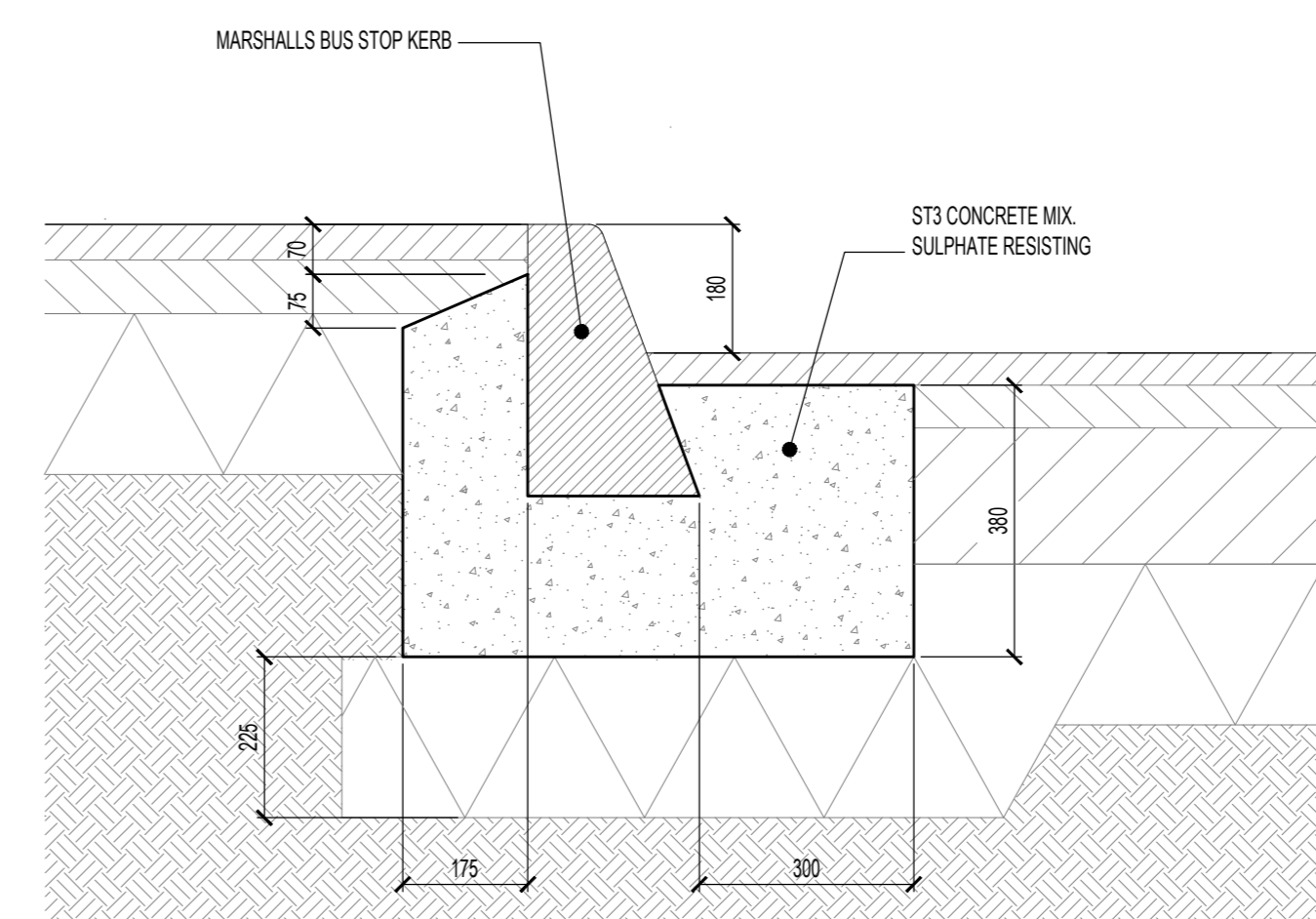
TYPICAL BN KERB DETAIL LAID FLUSH AT PEDESTRIAN CROSSING LOCATIONS (SCALE 1:10)



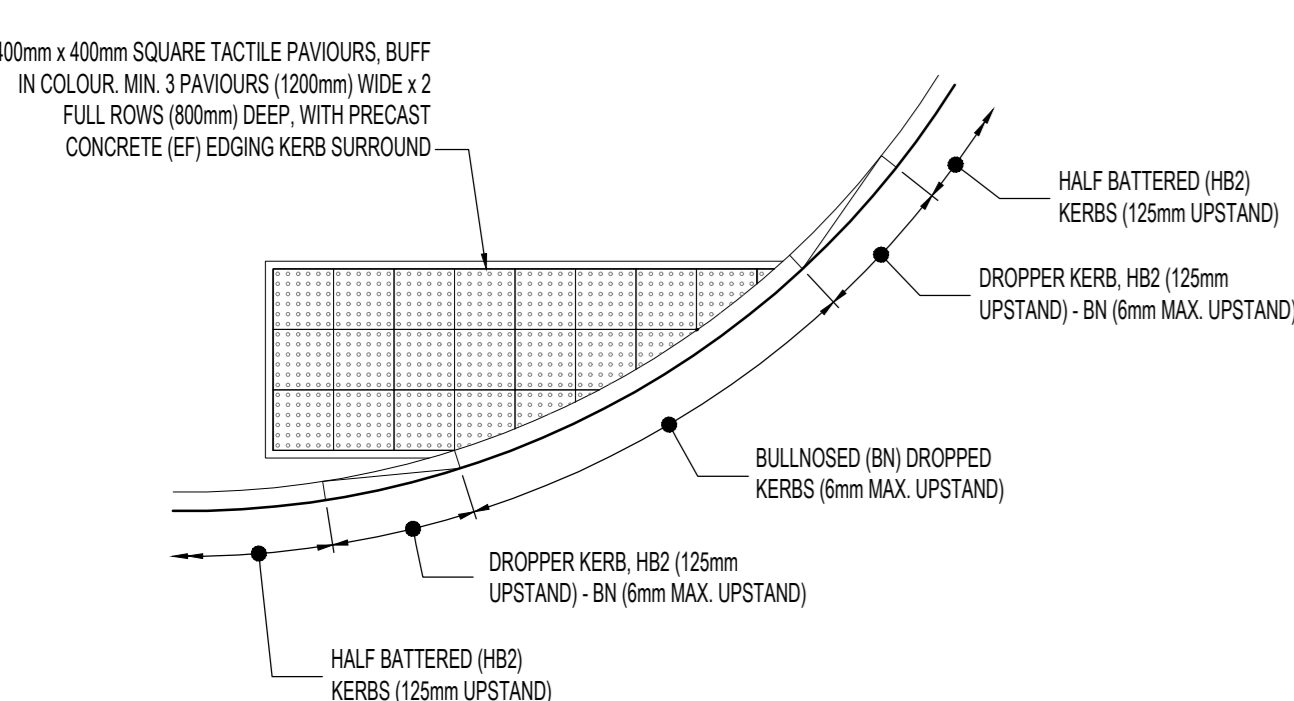
TYPICAL BN KERB DETAIL WITH 25mm UPSTAND AT VEHICULAR CROSSOVER LOCATIONS (SCALE 1:10)



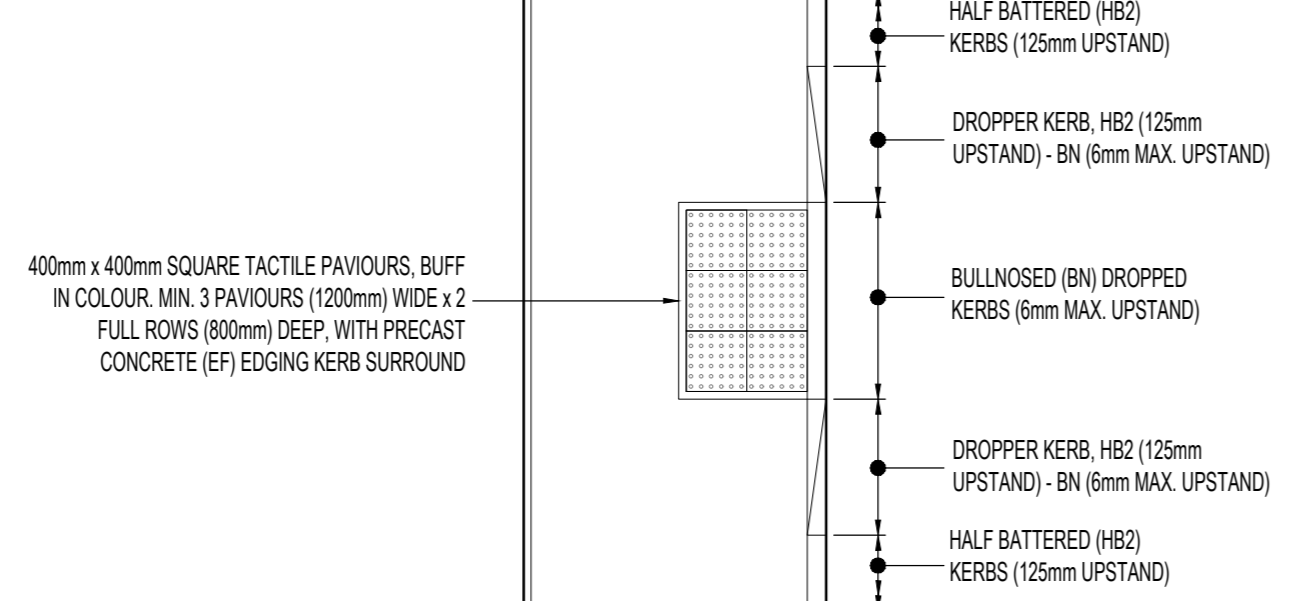
TYPICAL CHANNEL KERB LAID FLUSH (SCALE 1:10)



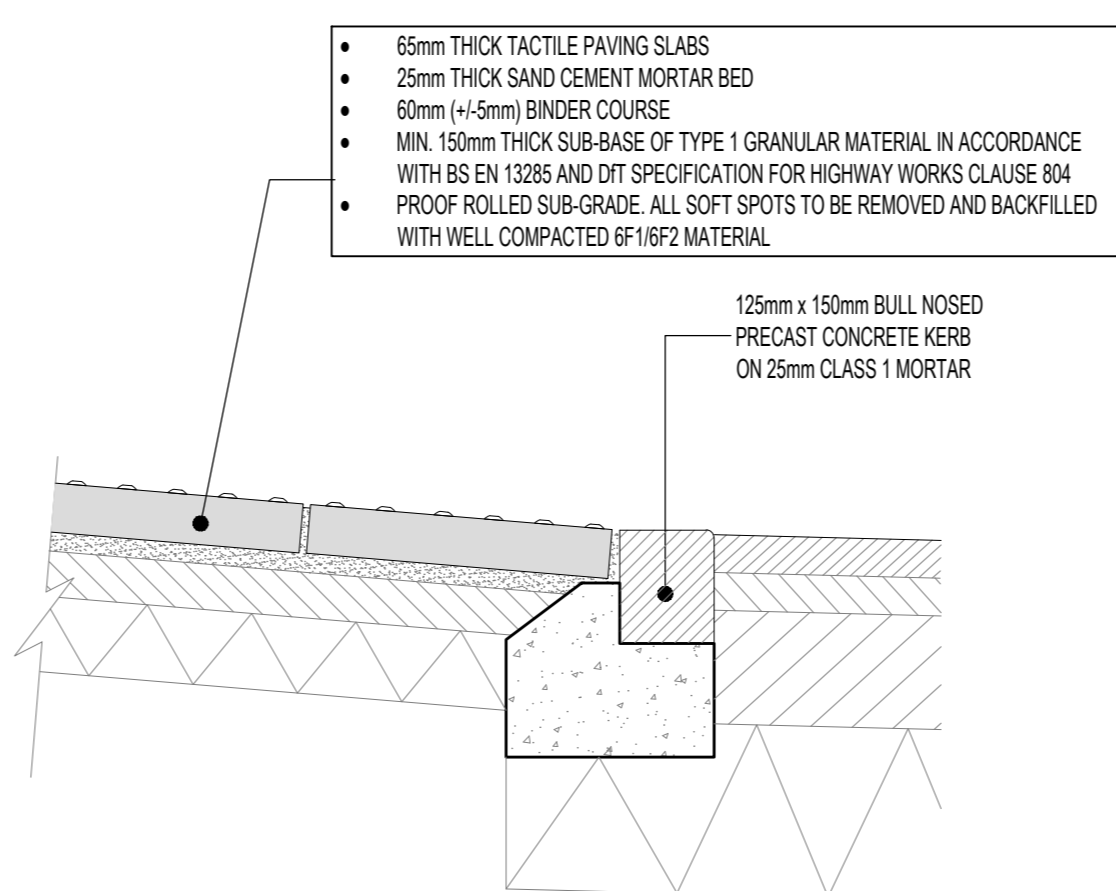
RAISED BUS STOP KERB (SCALE 1:10)



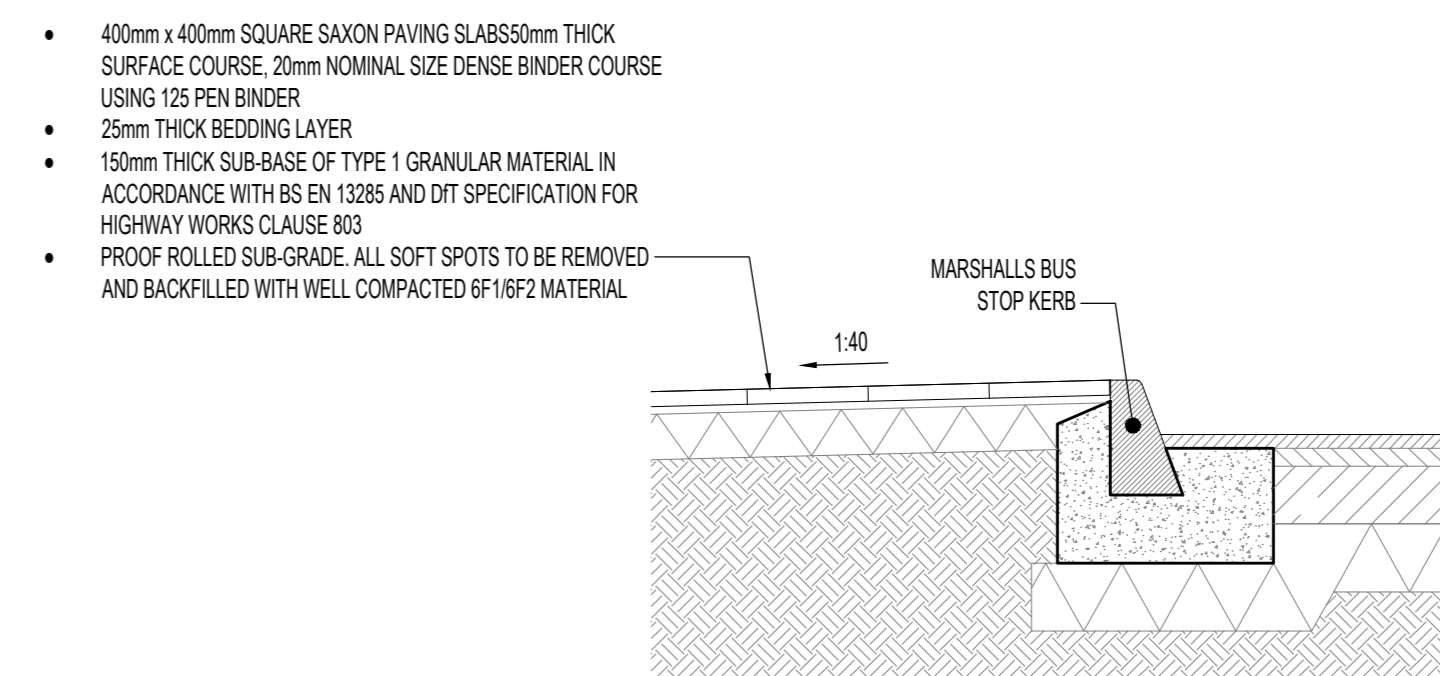
TYPICAL PEDESTRIAN CROSSING DROPPED KERB ON CORNER RADIUS LOCATIONS (SCALE 1:10)



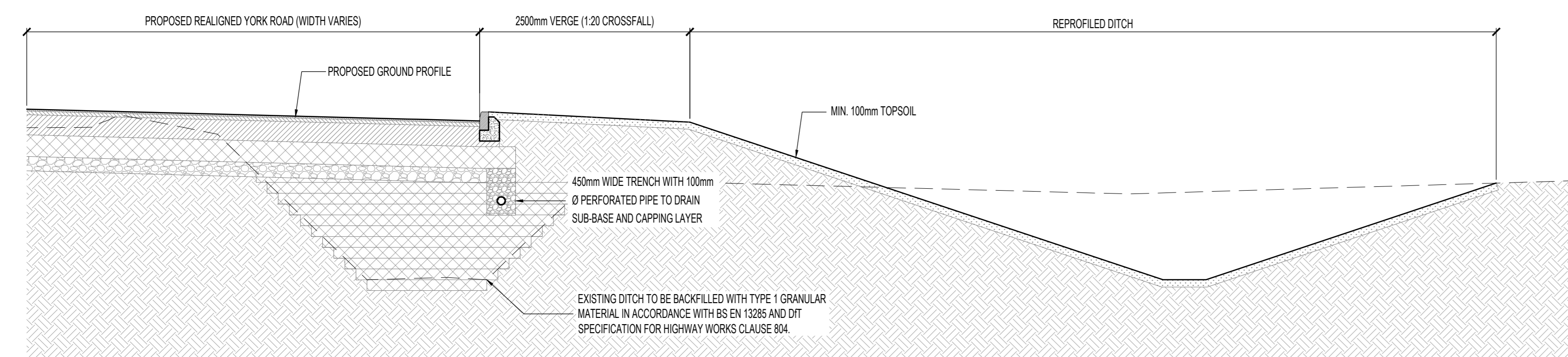
TYPICAL PEDESTRIAN CROSSING DROPPED KERB AND TACTILE PAVING ARRANGEMENT FOOTPATH PERPENDICULAR WITH CARRIAGEWAY (SCALE 1:10)



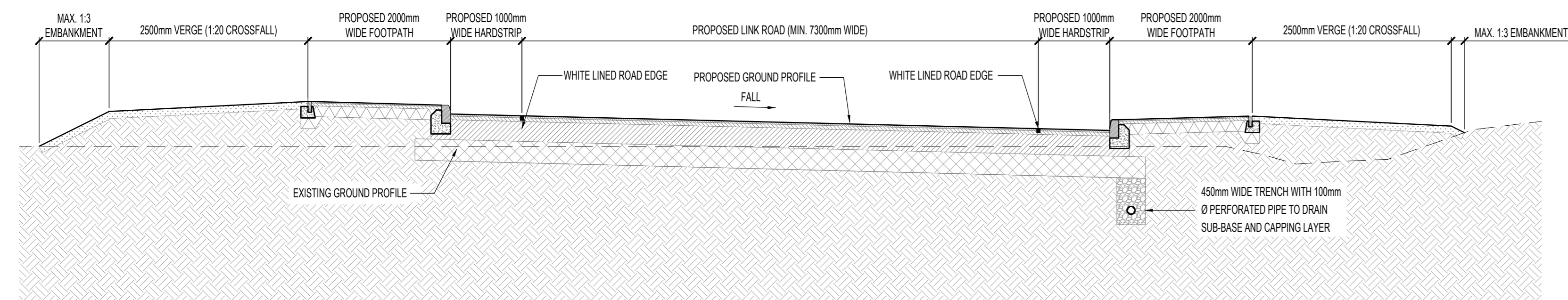
TYPICAL SECTION THROUGH TACTILE PAVING SECTION AT PEDESTRIAN CROSSING (SCALE 1:10)



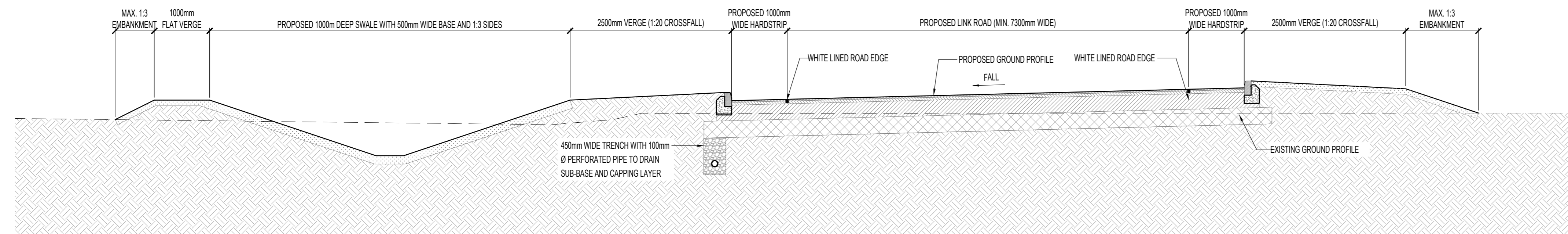
SECTION THROUGH RAISED BU STOP SHOWING PAVING (SCALE 1:10)



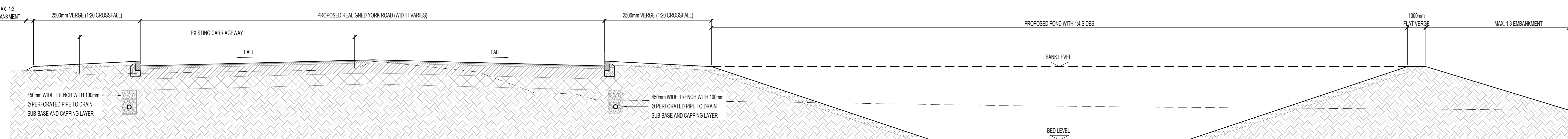
TYPICAL SECTION THROUGH REALIGNED YORK ROAD ALONGSIDE REPROFILED DITCH (SCALE 1:50)



TYPICAL SECTION THROUGH LINK ROAD AND FOOTPATHS (SCALE 1:50)



TYPICAL SECTION THROUGH LINK ROAD AND FOOTPATHS (SCALE 1:50)



TYPICAL SECTION THROUGH REALIGNED YORK ROAD AND POND (SCALE 1:50)

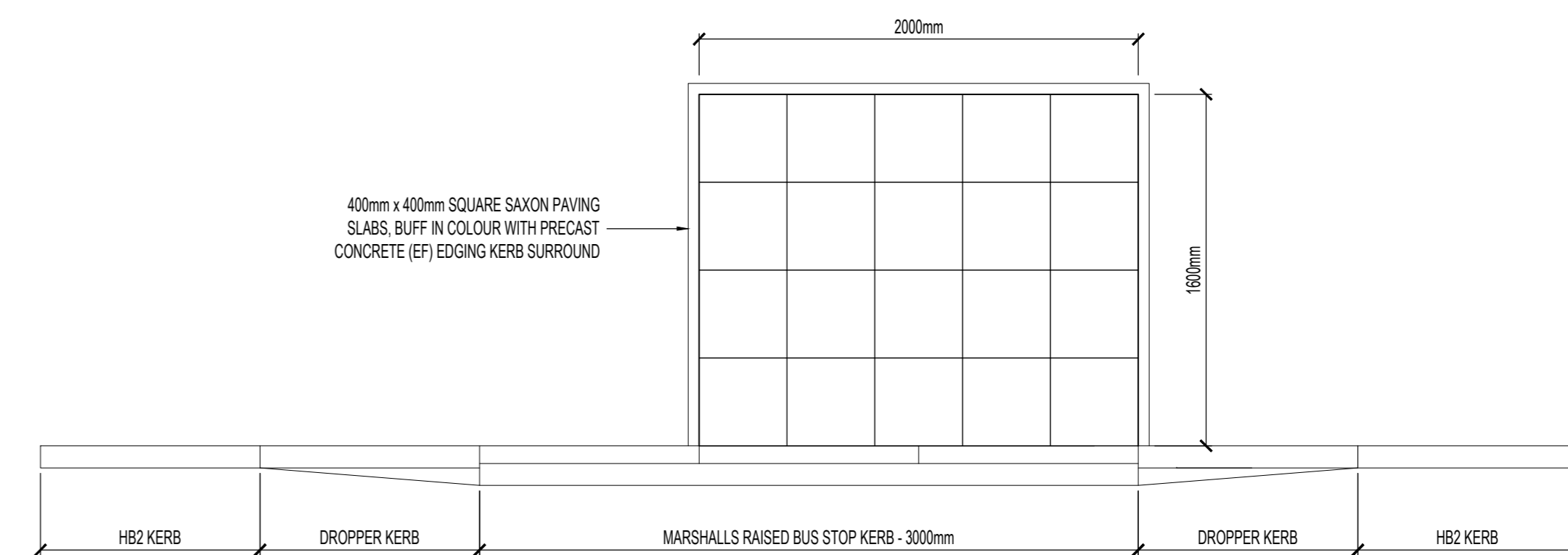
Appendix 6/3
Numbered Appendix
SERIES 700 ROAD PAVEMENTS - GENERAL

Appendix 7/1 Permitted Pavement Options
1.0 Permitted Pavement Options: Schedule 1
Appendix 7/1 - Schedule 1

Type	Layer	Material / S/W Clause	Ref
BA-1	Base	Asphalt Concrete / CL 906	AC-15 - dense base 100/150mm
BA-2	Base	Hot Rolled Asphalt / CL 906	HR-10/20 - base 100/150mm
BB-1	Binder Course	Asphalt Concrete / CL 906	AC-20 - dense base 100/150mm
BB-2	Binder Course	Asphalt Concrete / CL 906	AC-20 - dense base 100/150mm
BB-3	Binder Course	Foam mix - Quik Visco Elastic (QVE) / CL 906	Foam mix HD - 100/150
BI-3-Reg	Binder Regulating	Asphalt Concrete / CL 906	AC-10 - dense base 100/150mm
BI-4-Reg	Binder Regulating	Asphalt Concrete / CL 906	AC-14 - dense base 100/150mm
BI-5-Reg	Binder Regulating	Asphalt Concrete / CL 906	AC-20 - dense base 100/150mm
SU-1	Surface Course	Close Graded Asphalt Concrete / CL 903	AC-14 - close surf - 100/150
SU-1A	Surface Course	Close Graded Asphalt Concrete / CL 903	AC-10 - close surf - 100/150
SU-2	Surface Course	Asphalt Concrete / CL 906	AC-20 - close surf - 40/60
SU-3	Surface Course	Hot Rolled Asphalt CL 900	HR-5/14C - surf - 40/60 - 4m
SU-3S	Surface Course	Hot Rolled Asphalt CL 900 With Steel Fibre Aggregate	HR-5/14C - surf - 40/60 - 4m
SU-4	Surface Course	Hot Rolled Asphalt CL 900	HR-5/10C - surf - 40/60 - 4m
SU-4S	Surface Course	Hot Rolled Asphalt CL 900 With Steel Fibre Aggregate	HR-5/10C - surf - 40/60 - 4m
SU-5	Surface Course	Hot Rolled Asphalt CL 900	HR-5/14F - surf - 40/60
SU-9S	Surface Course	Thin Surface Course CL 942 With Steel Fibre Aggregate	SMA-6 - surf - 75/85
SU-60	Surface Course	Thin Surface Course CL 942 With Steel Fibre Aggregate	SMA-10 - surf - 75/85

XP0_3_APT-1.1-221010 page 1 of 10

DATE	BY	DATE	BY	DATE	BY	DATE	BY



TYPICAL RAISED BUS STOP DETAIL (SCALE 1:20)

ROAD CONSTRUCTION (TARMAC)

- 30mm THICK SMA-6 SURF-FMB ULTRILEX
- 50mm THICK BINDER COURSE, AC-20/HM BIN. 40-60 DES
- 270mm THICK ROAD BASE, AC-20 DENSE BASE, 100-150 REC
- MIN. 270mm THICK SUB-BASE OF TYPE 1 GRANULAR MATERIAL IN ACCORDANCE WITH BS EN 12185 AND DT SPECIFICATION FOR HIGHWAY WORKS CLAUSE 804
- PROOF ROLLED SUB-GRADE. ALL SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED BF16F2 MATERIAL

ROUNDBOULT CONSTRUCTION (BLOCK)

- 80mm THICK BLOCKS, COLOUR TO BE ADVISED BY EAST RIDING OF YORKSHIRE COUNCIL
- 30mm THICK FINE AGGREGATE LAYING COURSE TO BS EN 12021 TABLE 4 GRADE M OR C
- 150mm THICK SUB-BASE COURSE, AC-20 DENSE BIN 100/150
- 200mm THICK SUB-BASE OF TYPE 1 GRANULAR MATERIAL IN ACCORDANCE WITH BS EN 12185 AND DT SPECIFICATION FOR HIGHWAY WORKS CLAUSE 804
- PROOF ROLLED SUB-GRADE. ALL SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED BF16F2 MATERIAL

ROAD RESURFACING CONSTRUCTION (TARMAC)

- 30mm THICK SMA-6 SURF-FMB ULTRILEX
- 50mm THICK BINDER COURSE, AC-20/HM BIN. 40-60 DES (BINDER COURSE TO HAVE 80mm KEY IN TO EXISTING CONSTRUCTION)
- EXISTING ROAD BASE
- EXISTING SUB-BASE
- EXISTING SUB-GRADE

LANDSCAPED VERGE CONSTRUCTION (GRASS)

- GRASS SEED SOAN TO EAST RIDING OF YORKSHIRE COUNCIL REQUIREMENTS AND SPECIFICATION
- MIN. 100mm THICK TOPSOIL, FREE FROM WEEDS, COURSE GRASS AND STONES
- PROOF ROLLED SUB-GRADE. ALL SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED BF16F2 MATERIAL

FOOTPATH CONSTRUCTION (TARMAC)

- 20mm THICK SURFACE COURSE, AC-6 DENSE SURF. 100-150
- 50mm THICK AC-20 DENSE BIN 100/150
- MIN. 150mm THICK SUB-BASE OF TYPE 1 GRANULAR MATERIAL IN ACCORDANCE WITH BS EN 12185 AND DT SPECIFICATION FOR HIGHWAY WORKS CLAUSE 803
- PROOF ROLLED SUB-GRADE. ALL SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED BF16F2 MATERIAL

MAINTENANCE BAY (TRUCKPAVE)

TERRAZ TRUCKPAVE TO MANUFACTURERS DETAILS

- 50mm THICK COMPACTED, CLEAN COURSE SAND BEDDING LAYER
- PERMEABLE GEOTEXTILE MEMBRANE TO MANUFACTURERS SPECIFICATION
- MIN. 150mm THICK SUB-BASE OF TYPE 1 FREE DRAINING GRANULAR MATERIAL IN ACCORDANCE WITH BS EN 12185 AND DT SPECIFICATION FOR HIGHWAY WORKS CLAUSE 804
- GEOTEXTILE TO MANUFACTURERS SPECIFICATION
- POLYMERIC PUNCTURE RESISTANT GEOSYNTHETIC IMPERMEABLE MEMBRANE
- PROOF ROLLED SUB-GRADE. ALL SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH WELL COMPACTED BF16F2 MATERIAL
- TRUCKPAVE CONSTRUCTION BUILD UP AND INSTALLATION TO BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION

CBR TEST ARE TO BE UNDERTAKEN AT FORMATION LEVEL EVERY 30m ALONG PROPOSED ROAD LINE (500 MIN.) AND CAPPING PROVIDED TO COMPLY WITH THICKNESSES AS OUTLINED IN CBR TABLE BELOW

ALL THE CONSTRUCTION BUILD UPS SHOWN ARE BASED ON THE SUBGRADE ACHIEVING A 2% CBR IN ACCORDANCE WITH THE YORK COUNCIL SPECIFICATION FOR ADAPTABLE HOUSING AND INDUSTRIAL ESTATE ROADS, CLAUSE 4.5. SHOULD THE CBR BE LESS THAN 2% THEN JACKSON PURDUE LEVER SHOULD BE CONTACTED FOR ADVICE ON SUB-BASE AND CAPPING REQUIREMENTS

© Jackson Consulting Engineers Limited

- DO NOT SCALE THIS DRAWING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS ON SITE PRIOR TO COMMENCING THE WORKS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. ALL LEVELS IN METRES UNLESS NOTED OTHERWISE.
- ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

CONTRACTUAL RESIDUAL COM RISK

CROSS SITE SERVICES
LOCATE, DEMARK AND PROTECT OR MAKE SAFE ALL EXISTING ON SITE / CROSS SITE SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORKS

CLOSE PROXIMITY OF EXISTING HEDGEROW / TREES AND BUILDINGS
ALL NECESSARY PRECAUTIONS TO BE TAKEN WHEN DRAWING.

WORKS ADJACENT TO HIGHWAY
THE PROPOSED WORKS ARE TO BE UNDERTAKEN WHILE MAINTAINING TRAFFIC FLOW ALONG DORNWELL ROAD. THE CONTRACTOR MUST PROVIDE PROTECTION TO PREVENT UNAUTHORIZED ACCESS TO THE CONSTRUCTION AREA AND ENSURE A SAFE SEQUENCE OF WORKS AND WORKING METHODS ARE UTILISED THROUGHOUT THE CONSTRUCTION STAGE.

LIVE ACCESS ROAD
THE PROPOSED WORKS ARE TO BE UNDERTAKEN WHILE MAINTAINING TRAFFIC FLOW ALONG DORNWELL ROAD. THE CONTRACTOR MUST PROVIDE PROTECTION TO PREVENT UNAUTHORIZED ACCESS TO THE CONSTRUCTION AREA AND ENSURE A SAFE SEQUENCE OF WORKS AND WORKING METHODS ARE UTILISED THROUGHOUT THE CONSTRUCTION STAGE.

OVERHEAD CABLES
CONTRACTOR TO NOTE PRESENCE OF OVERHEAD CABLES WHEN OPERATING MACHINERY ON SITE.

EXISTING WATERCOURSE
CONTRACTOR TO ENSURE ALL SURFACE WATER RUN-OFF DURING CONSTRUCTION ACTIVITIES IS MANAGED TO ENSURE NO CONTAMINATION ENTERS WATERCOURSE.

THIS DRAWING IS SUBJECT TO APPROVAL BY EAST RIDING OF YORKSHIRE COUNCIL AND IS NOT TO BE USED FOR CONSTRUCTION UNTIL NOTED OTHERWISE

Rev.	Date	Revision Description	Drawn	Auth'd
A4-C03	05.06.23	UPDATED TO SUIT COMMENTS	MWH	MPW
A4-C02	28.11.22	UPDATED TO SUIT INITIAL COMMENTS	MWH	MPW
A4-C01	08.07.22	ISSUED FOR APPROVAL	MWH	MPW

BARRATT HOMES

Project Title

THE BALK, POCKLINGTON

Description

PROPOSED LINK ROAD AND 3-ARM ROUNDABOUT S278 AND S38 ROAD CONSTRUCTION DETAILS

Date	JUNE 2022	Drawn	MWH
Scale	VARIES @A0	Authorised	MPW
JL Ref	GL02073		

Project	Org	Vol	Level	Type	Number
002073	JPL	XX	XX	DR	2161

Subsidiary **A4 - TECHNICAL DESIGN** C03

