

ONSITE DESIGN TO BE COORDINATED WITH S278 WORKS. REFER TO LDA DESIGN, GENERAL ARRANGEMENT PLAN DRG No. SHRN-LDA-S2-ZZ-PL-L-100-101

CRTKL PROPOSED PLAN (LEVEL 2 - GARRARD ST LEVEL) REFER TO DRAWING NO. SHRN-CRL-S2-P2-DR-A-1258

REFER TO STANDARD DETAIL SHRN-STN-SW-ZZ-DR-CH-SD006 FOR TIE-IN DETAILS

TIE INTO PROPOSED ONSITE LEVELS SEE NOTE 11

TIE INTO EXISTING CARRIAGEWAY AND CONTINUE EXISTING FALL

TIE INTO PROPOSED INTERNAL WORKS

EXISTING UTILITY COVER TO BE RELAID WITH INFILL COVER

TEMPORARY KERBING - TO BE REPLACED DURING PHASE 3 WORKS

TIE INTO EXISTING FOOTWAY

PROPOSED GULLY AND PIPE TO CONNECT INTO EXISTING SURFACE WATER SEWER. REFER TO READING BOROUGH COUNCIL STANDARD DETAILS, ROAD & FOOTPATH GULLY DETAILS DRG. No. 15975/SD504

EXISTING GULLY GRATING AND FRAME TO BE REMOVED, ABANDONED AND FILLED WITH ST4 CONCRETE TO BELOW SURFACE COURSE

PROPOSED FULL DEPTH ASPHALT FOOTWAY CONSTRUCTION TO ACCOMMODATE TACTILE PAVING AND DROPPED KERB

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- KEY:**
- PROPOSED SITE BOUNDARY
 - PROPOSED ROAD MARKINGS
 - PROPOSED ROAD MARKINGS - PHASE 1
 - PROPOSED KERB ALIGNMENT
 - PROPOSED KERB ALIGNMENT - PHASE 1
 - PROPOSED KERB AND TYPE (SEE TABLE 1)
 - PROPOSED BUFF COLOUR TACTILE PAVING (SEE NOTE 6)
 - PROPOSED TACTILE PAVING - PHASE 1
 - PROPOSED ASPHALT CARRIAGEWAY CONSTRUCTION - FULL DEPTH. (SEE TABLE 2)
 - EXISTING CARRIAGEWAY TO BE RESURFACED. SEE NOTE 9
 - PROPOSED ASPHALT FOOTWAY CONSTRUCTION - BUILD UP OVER EXISTING FOOTWAY / CARRIAGEWAY (TIE IN LEVELS TO MATCH EXISTING FOOTWAY BOTH SIDES). SEE NOTE 9
 - PROPOSED FOOTWAY CONSTRUCTION - FULL DEPTH (TIE IN LEVELS TO MATCH EXISTING FOOTWAY) REFER TO READING BOROUGH COUNCIL, STANDARD DETAILS, FOOTWAYS, VERGE & VEHICULAR CROSSOVERS (FOOTWAY & VERGE) DRG. No. 15975/SD1104.
 - PROPOSED TACTILE CROSSING CONSTRUCTION. REFER TO READING BOROUGH COUNCIL, STANDARD DETAILS, FOOTWAYS, VERGE & VEHICULAR CROSSOVERS (FOOTWAY & VERGE) DRG. No. 15975/SD1104. SEE NOTES 6
 - EXISTING FOOTWAY FALL. REFER TO DRAWING NUMBER SHRN-STN-SW-ZZ-DR-SY-0002 - 0004 FOR EXISTING LEVELS
 - SPOT LEVELS. REFER TO DRAWING NUMBER SHRN-STN-SW-ZZ-DR-SY-0002 - 0004 FOR EXISTING LEVELS
 - PROPOSED BOUNDARY STUDS TO BE LOCATED ALONG S278 HIGHWAY BOUNDARY. REFER TO STANDARD CONSTRUCTION DETAILS DRAWING NUMBER SHRN-STN-SW-ZZ-DR-CH-SD006
 - PROPOSED TIE IN JOINT. REFER TO STANDARD DETAIL SHRN-STN-SW-ZZ-DR-CH-SD006

- NOTES:**
1. THIS DRAWING SHOULD BE PRINTED IN COLOUR.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND DOCUMENTS.
 3. ALL WORKS TO BE IN ACCORDANCE WITH THE HIGHWAY ENGLAND SPECIFICATION FOR HIGHWAY WORKS VOLUME 1 AND CONTRACT SPECIFIC APPENDICES.
 4. ALL PROPOSED KERBING / EDGING SHALL TIE NEATLY INTO EXISTING.
 5. FOR KERB DETAILS REFER TO TABLE 1 WITHIN THIS DRAWING.
 6. TACTILE PAVING FLAGS TO BE COLOURED RED AT CONTROLLED CROSSINGS AND BUFF AT UNCONTROLLED CROSSINGS. CONFIGURATION SHOWN IS DIAGRAMMATIC ONLY. CONTRACTOR TO REFER TO GUIDANCE ON THE USE OF 'TACTILE PAVING SURFACING' DETR. FOR BEDDING DETAILS REFER TO READING BOROUGH COUNCIL, STANDARD DETAILS, CONCRETE PAVING & FLAGS & SIGNALS CONTROLLED CROSSING POINT. DRG. No. 15975/SD1106.
 7. WHERE EXISTING COVERS LEVELS ARE TO BE RETAINED, WORKS WILL STILL BE REQUIRED AROUND THE PERIMETER OF THE COVER TO SUIT THE PROPOSED PAVING TYPES.
 8. THE CONTRACTOR IS TO CONTACT AND LIAISE WITH ALL STATUTORY UTILITY PROVIDERS AND CONFIRM ANY POTENTIAL WORKS BEFORE ANY PLANT OR APPARATUS IS TO BE REMOVED, RELOCATED, OR AFFECTED.
 9. FOR ADDITIONAL PAVEMENT CONSTRUCTION DETAILS. REFER TO STANDARD CONSTRUCTION DETAILS DRAWING NUMBER SHRN-STN-SW-ZZ-DR-CH-SD006.
 10. FOR PROPOSED ONSITE WORKS REFER TO CRTKL DRAWING NUMBER SHRN-CRL-S2-P2-DR-A-1258
 11. REFER TO THE WORKS INFORMATION SPECIFICATION DOCUMENT NUMBERS SHRN-STN-SW-ZZ-SP-CH-0101, SHRN-STN-SW-ZZ-SP-CH-0701 & SHRN-STN-SW-ZZ-SP-CH-11/1 FOR FURTHER SITE KERB, FOOTWAY & PAVEMENT DETAILS.

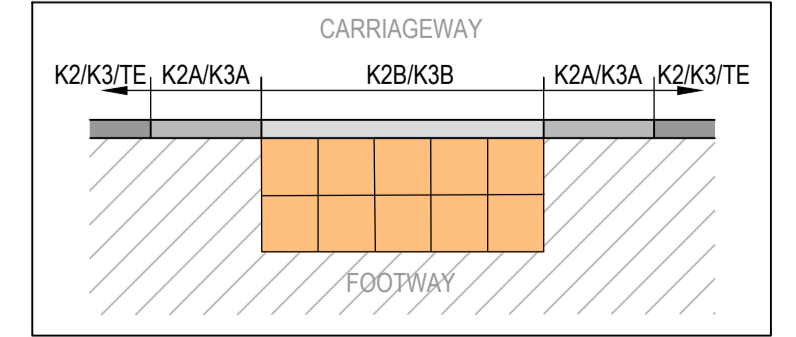
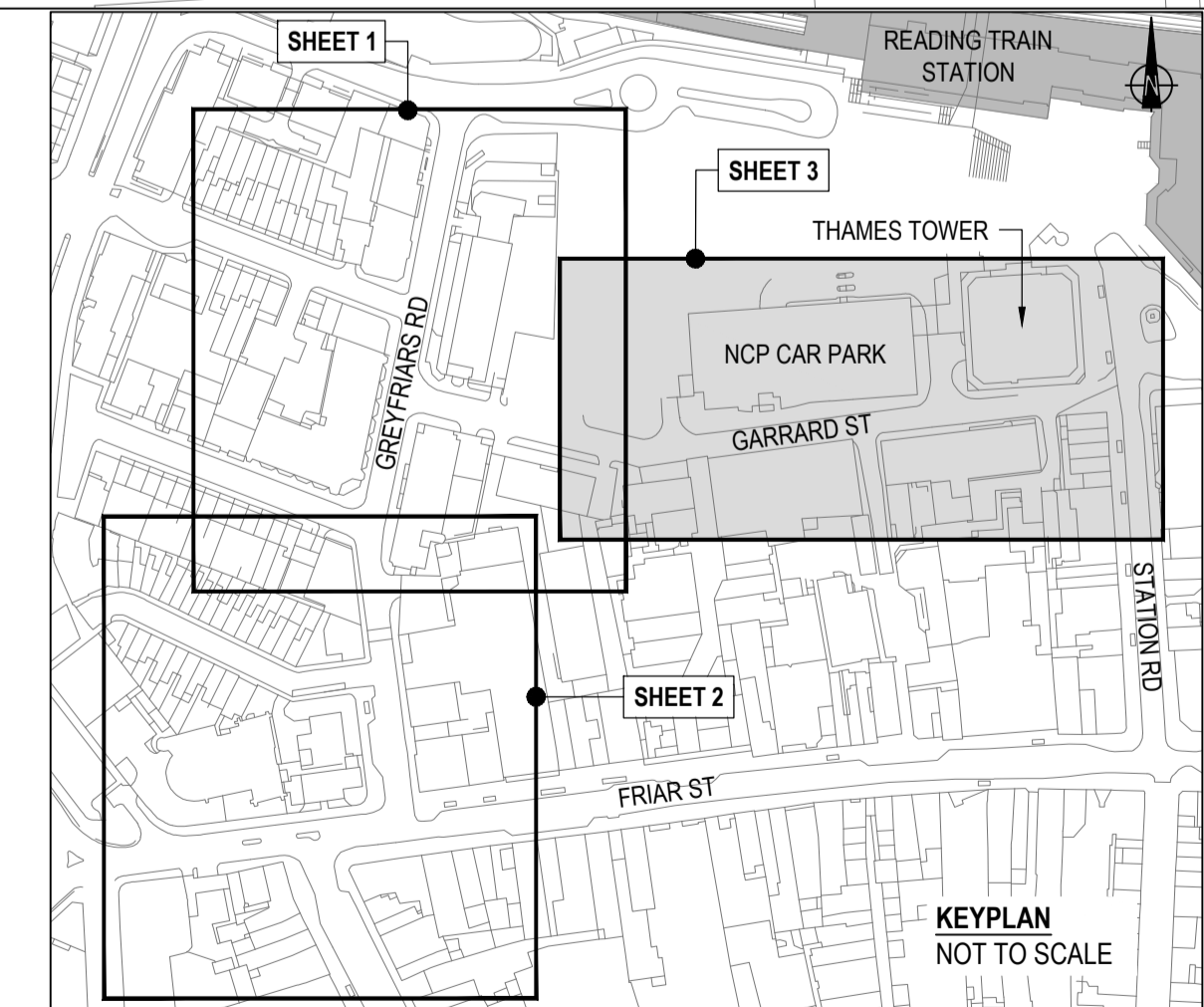
TABLE 1 - KERB DESCRIPTIONS
(FOR KERB TYPES, REFER TO SHRN-STN-SW-ZZ-DR-CH-SD006)

REFERENCE	DESCRIPTION
K2	TYPE HB2 (PCC KERB (FULL HEIGHT 125mm KERB FACE)) REFER TO READING BOROUGH COUNCIL, STANDARD DETAILS, KERBS - SHEET 1. DRAWING No. 15975/SD1101
K2A	TYPE HB2 (PCC KERB TRANSITION)
K2B	TYPE BN (PCC KERB BULLNOSED KERB) (6mm UPSTAND) REFER TO READING BOROUGH COUNCIL, STANDARD DETAILS, KERBS - SHEET 1. DRAWING No. 15975/SD1101
K3	CONSERVATION KERB (FULL HEIGHT 125mm KERB FACE)
K3A	CONSERVATION KERB (KERB TRANSITION)
K3B	CONSERVATION KERB (KERB DROPPER) (6mm UPSTAND)
Kx CR	TACTILE CROSSING SEE DETAIL 1 FOR KERB ARRANGEMENT
EF1	TYPE EF (50mm WIDE FLAT TOP EDGING) REFER TO READING BOROUGH COUNCIL, STANDARD DETAILS, EDGING & CHANNELS. DRG. No. 15975/SD1103
TE	TIE INTO EXISTING KERB LINE

TABLE 2
ASPHALT CARRIAGEWAY CONSTRUCTION FULL-DEPTH

SURFACE COURSE	40MM OF ASPHALT CONCRETE 10MM SIZE AGGREGATE WITH 100/150 PEN BITUMEN TO BS EN 13108-1 (AC 14 CLOSE SURF 100/150)
BINDER COURSE	60MM OF 20MM SIZE ASPHALT CONCRETE DENSE BINDER COURSE TO BS EN 13108-1 WITH 40/60 BITUMEN (AC 20 DENSE BIN 40/60)
BASE COURSE	150MM OF 32MM SIZE ASPHALT CONCRETE DENSE BASE COURSE TO BS EN 13108-1 WITH 40/60 BITUMEN. (AC 32 DENSE BASE 40/60)
SUB-BASE	200MM OF GRANULAR SUB-BASE TYPE 1 FOR ALL CBR'S GREATER THAN 5%, 350MM OF GRANULAR SUB-BASE TYPE 1 FOR CBR'S BETWEEN 2% AND 5%, 550MM OF GRANULAR SUB-BASE TYPE 1 FOR CBR'S LESS THAN 2%.

*CONTRACTOR TO VERIFY ACTUAL CBR VALUE WITH EQUILIBRIUM CBR TEST AND SUBMIT TESTS TO OVERSEEING ORGANISATION 48 HOURS BEFORE COMMENCING SUB BASE WORKS



P06	UPDATED TO SUIT RBC COMMENTS	13.12.21	SF	GR	GR
P05	UPDATED TO SUIT RBC COMMENTS	12.11.21	SF	GR	GR
P04	UPDATED TO SUIT RBC COMMENTS	14.10.21	SF	GR	GR
P03	KERB REFERENCE UPDATED	25.05.21	CA	GR	GR
P02	UPDATED TO SUIT RSA COMMENTS	04.11.20	SF	GR	GR
P01	FIRST ISSUE	14.08.20	SF	GR	GR
Mark	Revision	Date	Drawn	Chkd	Appd

SCALING NOTE: Do not scale this drawing - any errors or omissions shall be reported to Stantec without delay. UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake their own investigation where the presence of any existing sewers, services, plant or apparatus may affect their operations.

Drawing Issue Status
S3 - FOR REVIEW & COMMENT

**STATION HILL, READING
PHASE 2 CYCLE LANE DETAILED DESIGN
PROPOSED CONSTRUCTION
SHEET 3 OF 3**

Client
SH READING MASTER LLP

Date of 1st Issue: 14.08.2020
Designed: CA
Drawn: SF

A1 Scale: 1:250
Checked: GR
Approved: GR

Drawing Number: SHRN-STN-SW-ZZ-DR-CH-0704
Revision: P06

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