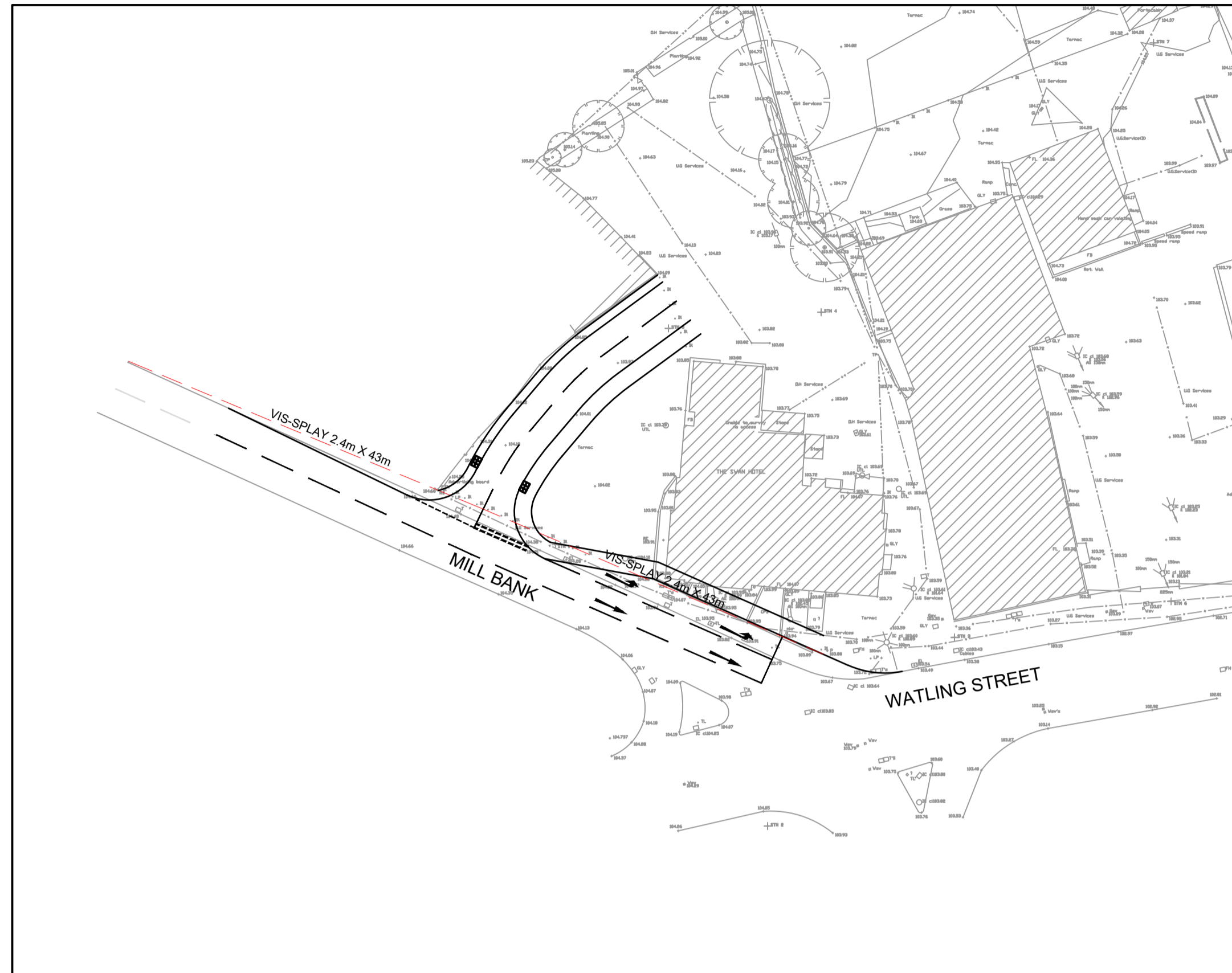
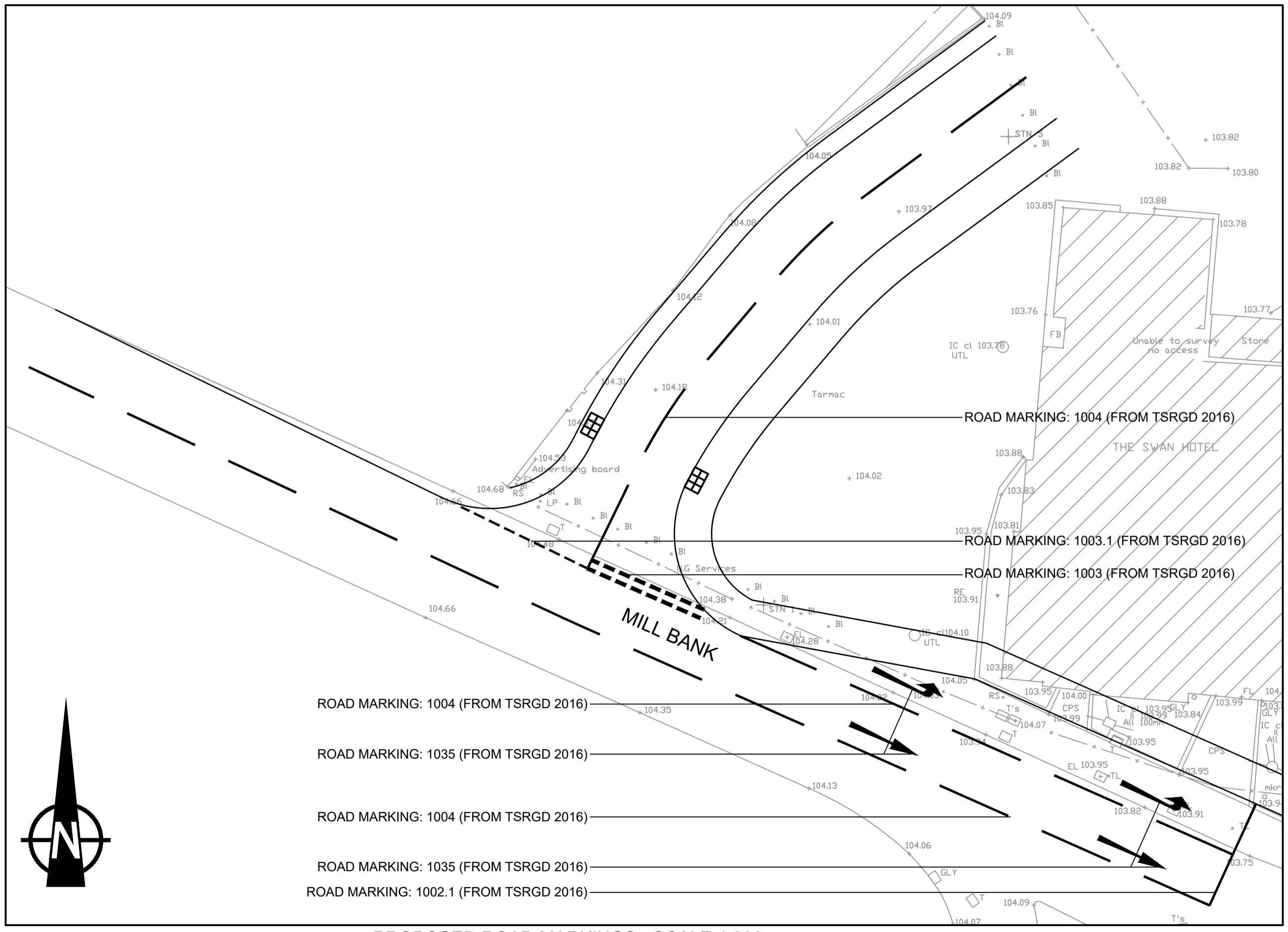


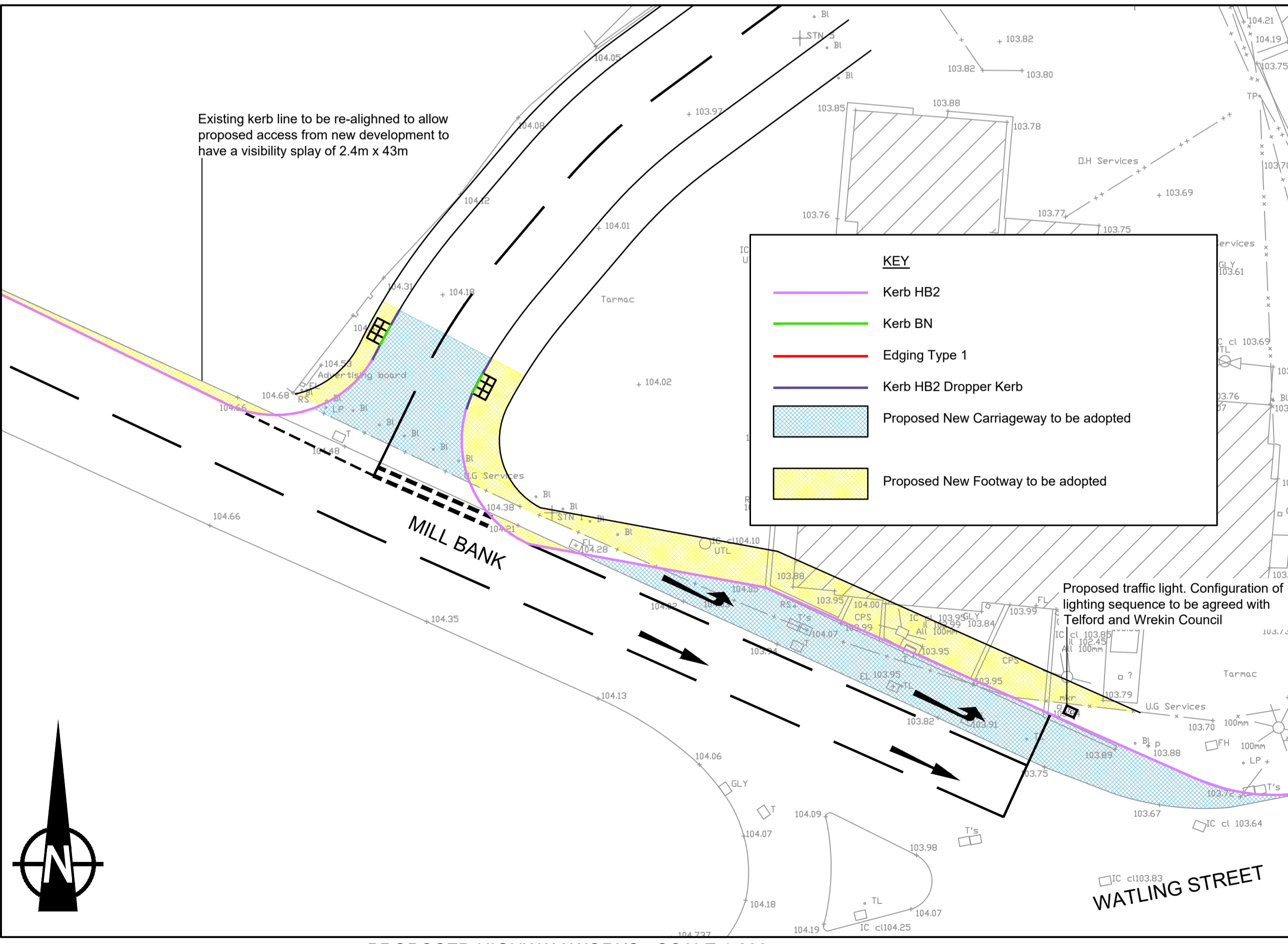
SITE CLEARANCE DETAILS - SCALE 1:200



S278 LONGITUDINAL SECTION - SCALE 1:500



PROPOSED ROAD MARKINGS - SCALE 1:200



PROPOSED HIGHWAY WORKS - SCALE 1:200

- NOTES**
- 1 ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
 - 2 THE GENERAL SPECIFICATION OF MATERIALS AND WORKMANSHIP FOR THE CONSTRUCTION OF THE ACCESS ROAD, FOOTPATHS AND OTHER AREAS OF HARDSTANDING SHALL BE THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOLUME 1, SPECIFICATION OF HIGHWAY WORKS (SHW) PUBLISHED BY THE STATIONARY OFFICE, MARCH 1988 AND ALL SUBSEQUENT REVIEWS.
 - 3 ALL MATERIALS UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH RELEVANT BRITISH STANDARDS. SOURCES OF MATERIALS ARE TO BE AGREED WITH THE ADOPTING AUTHORITY IN ADVANCE OF THE WORKS.
 - 4 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ASSOCIATED ENGINEERS DRAWINGS AND DETAILS.
 - 5 ANY DISCREPANCIES IN THE DETAILS SHOWN ON THIS DRAWING TO BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.

ROAD CONSTRUCTION

6 SUB-BASE THICKNESS TO BE AS INDICATED BELOW:-

CBR VALUE OF FORMATION	LAYER THICKNESS
CBR GREATER THAN 15%	150mm SUB-BASE
CBR GREATER THAN 5% BUT LESS THAN 15%	150mm SUB-BASE ON 250mm CAPPING
CBR GREATER THAN 2.5% BUT LESS THAN 5%	150mm SUB-BASE ON 425mm CAPPING
CBR LESS THAN 2.5%	150mm SUB-BASE PLUS 600mm CAPPING IMPROVED WITH GEOTEXTILE

- THE CAPPING LAYER SHALL COMPLY WITH DETR SPEC CL 613 "SELECTED FILL IN CAPPING LAYER". THE SUB-BASE SHALL BE GRANULAR MATERIAL IN ACCORDANCE WITH DETR SPEC CL 803 ENSURE THAT ALL MATERIAL WITHIN 450mm OF THE FINISH ROAD SURFACE IS NOT FROST SUSCEPTIBLE AS REQUIRED BY SERIES 700 OF THE SPECIFICATION, AND TESTED TO BS 912 PART 124, 1989. THIS MAY BE ACHIEVED BY INCREASING THE SUB-BASE THICKNESS AS NECESSARY. GEOTEXTILES MAY BE USED IN ACCORDANCE WITH CL 609 OF THE SPECIFICATION FOR HIGHWAY WORKS WHERE GROUND CONDITIONS ARE POOR. SUBJECT TO THE PRIOR APPROVAL OF BIRMINGHAM CITY COUNCIL.
- 7 ANY SOFT SPOTS AT UNDERSIDE OF CAPPING LAYER TO BE TREATED BY OVERDIGGING AND REPLACEMENT WITH AN APPROVED COMPACTED GRANULAR MATERIAL.
 - 8 THE FORMATION OF ROADS AND FOOTWAYS SHALL BE PREPARED BY REMOVING ALL UNSUITABLE MATERIAL AND AN APPROVED WEEDEKILLER SHALL BE SPRAYED ONTO THE SUBGRADE BEFORE LAYING THE SUB-BASE.
 - 9 PRIOR TO CARRYING OUT ANY WORKS ON A PUBLIC HIGHWAY THE CONTRACTOR SHALL OBTAIN A ROAD OPENING PERMIT FROM THE HIGHWAY AUTHORITY.
 - 10 TRAFFIC SAFETY MEASURES ON OR ADJACENT TO AN EXISTING HIGHWAY SHALL BE IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.
 - 11 WHERE NEW PAVEMENT MATERIALS ARE TO BE LAID AGAINST BOUND MATERIALS, THE EXISTING SURFACE SHALL BE SAW CUT TO A STRAIGHT EDGE AND THE VERTICAL FACE PAINTED WITH BITUMEN EMULSION SEALANT.
 - 12 WHERE NEW PAVEMENT MATERIALS ARE TO BE LAID UPON EXISTING BOUND MATERIALS, THE SURFACE OF THE EXISTING MATERIAL SHALL BE SUCTION SWEEP AND TACK COATED IN ACCORDANCE WITH CLAUSE 920 (SHW).
 - 13 BEDDING AND BACKING TO KERB AND EDGING TO BE DESIGNATED MIX GEN 3 TO BS500-1:2002.
 - 14 ALL BITUMINOUS MACADAM LAYERS SHALL BE COMPACTED TO ACHIEVE THE AIR VOIDS REQUIREMENTS SPECIFIED IN THE RELEVANT SECTIONS OF BS 4987.
 - 15 CONCRETE MIXES INDICATED ON THIS DRAWING ARE DESIGNATED MIXES CONFORMING TO BS500-1:2002.

By	Check	Date	Suffix

Revision

J01678/A1/001

**THE SWAN HOTEL
MILL BANK
WELLINGTON**

**S278 SITE
CLEARANCE AND
PROPOSED
HIGHWAY WORKS**

1:200	Detailed	Approved
Drawn MTC	Tech Chk JUM	Date 08.02.17

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