GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.

2. DO NOT SCALE DRAWINGS. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.

3. DESIGN BASED ON TOPOGRAPHICAL SURVEY INFORMATION AVAILABLE AT THE TIME OF DESIGN.

4. ALL HIGHWAY WORKS TO BE IN ACCORDANCE WITH READING BOROUGH COUNCIL "SPECIFICATION FOR ESTATES STREETS" INCLUSIVE OF READING BOROUGH COUNCIL DETAILS DRAWINGS. ANY LIMITATIONS WITH THE READING BOROUGH COUNCIL SPECIFICATION WORKS SHALL BE IN ACCORDANCE WITH THE MANUAL OF CONTRACTS DOCUMENTS FOR HIGHWAY WORKS (MCHW). ANY DISCREPANCIES WITHIN THE DOCUMENTS THE MORE ONEROUS SPECIFICATION SHOULD BE UTILISED AND CONFIRMED WITH THE SITE ENGINEER.

5. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.

6. ALL SOFT SPOTS TO BE REMOVED FROM BOTTOM OF EXCAVATIONS AND TO BE REFILLED TO FORMATION LEVEL IN ACCORDANCE WITH GROUNDWORKS SPECIFICATIONS.

7. RAISED GROUND MUST BE FILLED IN ACCORDANCE WITH GROUNDWORKS SPECIFICATIONS AND CONSOLIDATED BEFORE ANY SEWER WORKS ARE CARRIED OUT.

8. THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING:-
(I). ALL OPERATIONS SHOULD BE CARRIED OUT IN ACCORDANCE WITH THE GENERAL HEALTH AND SAFETY POLICY OF THE DEVELOPER AS REQUIRED BY SECTIONS 2 OF THE HEALTH AND SAFETY AT WORK ACT 1974 AND IN PARTICULAR THE CONSTRUCTION (GENERAL PROVISIONS) REGULATIONS.

(II). THE LOCAL AUTHORITY AND UTILITIES COMPANIES ARE TO BE NOTIFIED PRIOR TO COMMENCEMENT OF WORK ON SITE.

(III). PRIOR TO CONSTRUCTION THE ACTUAL POSITIONS AND DEPTHS OF SERVICES LIKELY TO BE AFFECTED BY THE WORKS SHOULD BE ESTABLISHED BY MEANS OF HAND DIG IN CLOSE LIAISON WITH THE UTILITY COMPANIES. THE CONTRACTOR SHALL IMMEDIATELY ADVISE THE ENGINEER OF ANY SERVICES EXPOSED WHICH MAY AFFECT THE DESIGN.

(IIII). ALL OPERATIVES WORKING ON THE HIGHWAY WORKS MUST HAVE STREET WORKS ACCREDITATION.

9. THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT, AND TEMPORARY AND PERMANENT DIVERSION WORKS, AS NECESSARY TO ALL EXISTING SERVICES.

10. THE CONTRACTOR SHALL ALLOW FOR KEEPING EXCAVATIONS AS DRY AS PRACTICABLE BY PUMPING FROM TEMPORARY SUMPS AND DE-WATERING AS APPROPRIATE. THE POINT AND METHOD OF DISCHARGE TO BE AGREED WITH THE DRAINAGE AUTHORITY & LLFA AND ENVIRONMENT AGENCY.

11. NOMINATION OF PROPRIETARY ITEMS DOES NOT INDICATE EXCLUSIVE PREFERENCE BUT INDICATES REQUIRED PROPERTIES OF ITEM. SIMILAR ALTERNATIVES HAVING REQUIRED PROPERTIES MAY BE OFFERED FOR APPROVAL. INSTALL PROPRIETARY ITEMS IN ACCORDANCE WITH MANUFACTURES REQUIREMENTS AND RECOMMENDATIONS.

12. ALL VEGETATION THAT IMPACTS ON THE CONSTRUCTION IS TO BE REMOVED OR TRIMMED IN ACCORDANCE WITH READING BOROUGH COUNCIL STANDARDS, LANDSCAPE ARCHITECTURAL PLANS AND HORTICULTURAL STUDY.

READING BOROUGH COUNCIL STANDARD DRAWINGS

THE FOLLOWING LIST OF STANDARD DRAWINGS IS NOT EXHAUSTIVE, THE CONTRACTOR SHOULD FAMILIARISE THEMSELVES WITH ALL RELEVANT STANDARD COUNCIL SPECIFICATION AND DRAWINGS.

- 15975 - SD501 - PIPES UNDER PAVED AREAS
- 15975 - SD503 - SERVICE DUCTS
- 15975 - SD504 - ROAD AND FOOTPATH GULLY DETAILS
- 15975 - SD505 - CATCHPIT TYPE 1
- 15975 - SD506 - CATCHPIT TYPE 3
- 15975 - SD1101 - KERBS SHEET 1
- 15975 - SD1102 - KERBS SHEET 2
- 15975 - SD1103 - EDGING KERB & CHANNELS
- 15975 - SD1104 - FOOTWAYS, VERGES & VEHICULAR CROSSOVERS
- 15975 - SD1106 - CONCRETE PAVING & FLAGS & SIGNAL CONTROLLED CROSSING POINTS
- 15975 - SD1108 - TRAFFIC ISLANDS

SURVEY NOTES:

1. SURVEYOR - J.M STOREY & PARTNERS L.L.P.

2. LOCAL AUTHORITY - READING BOROUGH COUNCIL

3. VERTICAL AND HORIZONTAL DATUM TO O.S NATIONAL GRID.

KERB CONSTRUCTION NOTES:

1. REFER TO GENERAL ARRANGEMENT DRAWING FS0280-CUR-00-00-DR-D-72000 FOR LOCATIONS, SIZES AND TYPES OF KERB.
2. ALL WORKS TO BE IN ACCORDANCE WITH HIGHWAYS AGENCY SPECIFICATION FOR HIGHWAYS WORK VOLUME 1.
3. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
4. ALL KERBS TO BS EN 1340.
5. ALL INSITU CONCRETE FOUNDATION AND HAUNCH TO ST4 CONCRETE TO BS 8500-2.
6. KERB FOUNDATION TO BE LAID ON ROLLED SUB-BASE OF MINIMUM THICKNESS OF 100mm.
7. THE KERB BED AND BACKING SHALL NORMALLY BE LAID IN ONE OPERATION.
8. WHERE BED IS LAID IN ADVANCE OF KERBS 200x20mm DIA. MILD STEEL DOWEL BARS WILL BE REQUIRED IN BACKING AT 450mm CENTRES AND KERBS BEDDED ON 10mm MINIMUM MORTAR DESIGNATION (i) SHW SERIES 2400.
9. DOWEL BARS MAY BE REQUIRED WITH STANDARD KERBS IN CIRCUMSTANCES WHERE KERBS ARE VUNERABLE.
10. 300x16mm DOWEL BARS AT 450mm CENTRES MUST BE USED WITH SAFETY KERBS UNLESS THE BACKING CONCRETE IS BROUGHT LEVEL WITH TOP OF KERB.
11. KERBS SHALL BE LAID WITH DRY JOINTS AND CLOSELY BUTTED TO ADJACENT KERBS AND CHANNELS.
12. TRANSISTION KERBS TO BE USED AT ALL CHANGES IN KERB FACE.
13. FOR RADII OF 12m OR LESS KERBS TO BE USED AND CHANNELS OF THE APPROPRIATE RADIUS SHALL BE USED.
14. FOR RADII BETWEEN 12m AND 18m STRAIGHT KERBS 600mm LONG SHALL BE USED.
15. CUTTING OF KERBS SHALL BE BY APPROVED MECHANICAL MEANS.
16. THE LENGTH OF ANY KERB SHALL NOT BE LESS THAN 300mm.
17. WHERE CHANNEL BLOCKS ARE LAID TO FALSE FALLS THE KERB FACE MUST BE 100mm Min. - 150mm mx.
18. ALL KERBING SUPPORTING VERGE AREAS SHALL BE BACKED AS SHOWN FOR HB2 VERGE DETAIL.
19. HEIGHT OF KERB BACKING MAY BE REDUCED IF AREA BEHIND KERB BLOCK PAVED.

FOOTWAYS CONSTRUCTION NOTES:

1. ALL WORK TO BE IN ACCORDANCE WITH HIGHWAYS AGENCY SPECIFICATION FOR HIGHWAY WORKS VOLUME 1.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
3. ALL KERBS BS EN 1340.
4. KERBING DETAILS TO BE AS SHOWN ABOVE.
5. KERB FACES: HALF BATTERD KERBS - HB2 125
SPLAY KERBS: - SP 100.
6. KERB FACES SHALL BE:
PEDESTRIAN 10 TOLERANCE + OR - 6
TACTILE PAVED 0 TOLERANCE +6
VEHICULAR 20 TEOLERANCE + OR - 6.
7. DROPPER KERBS ARE REQUIRED AT CHANGES IN KERB FACE AT CROSSING POINTS.
8. EDGING KERBS SHALL BE PROVIDED ON ALL FREE EDGES OF PAVED AREAS NOT CONFINED BY A KERB OR BOUNDARY WALL.
9. AN ADDITIONAL 150 TYPE 3 MATERIAL TO BE LAID IF FOOTWAY IS ON AN EMBANKMENT/FILLED GROUND.
10. FOOTWAY AND HIGHWAY VERGES SHALL NOMINALLY FALL AT 1:40 TOWARDS HIGHWAY.
11. ALL SOFT SPOTS AND ORGANIC MATERIAL MUST BE REMOVED BEFORE CONSTRUCTION.
12. AN APPROVED RESIDUAL WEEDKILLER WHICH DOES NOT CONTAIN ATRAZINE OR SIMAZINE MUST BE APPLIED TO ALL FORMATIONS.
13. VERGE AREAS SHALL HAVE A 150 COVERING OF TOPSOIL SPREAD 25 ABOVE TOP OF KERB OR EDGING TO ALLOW FOR SETTLEMENT AND SHALL BE SEEDED IN ACCORDANCE WITH THE SPECIFICATION.
14. EXISTING VERGES ADJACENT TO NEW KERBING MUST BE REGRADED AND SEEDED.

PAVEMENT NOTES:

1. ALL PAVEMENT WORKS TO BE IN ACCORDANCE WITH INTERPAVE “DESIGN & CONSTRUCTION CONCRETE BLOCK PERMEABLE PAVEMENTS” EDITION 7 DECEMBER 2018.

2. PAVEMENT PARAMETERS:
DESIGN CBR - 5%
DESIGN TRAFFIC LOADING - TRAFFIC CATEGORY 5 AS PER TABLE 5 OF INTERPAVE DESIGN MANUAL.
DESIGN LIFE - 40 YEARS, NOT WITHSTANDING MAINTENANCE PROCENDURES.

DRAINAGE CONSTRUCTION NOTES:

1. INFILTRATION RATES BY ACS TESTING INFILTRATION RATE 0.01490 mm/hr.

2. INFILTRATION RATE TO BE CONFIRMED BY THE CONTRACTOR THROUGH ONSITE TESTING AND RESULTS REPORTED BACK TO THE ENGINEER PRIOR TO CONSTRUCTION.

3. ALL DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY (CESWI) AS INCLUDED IN SEWERS FOR ADOPTION 7th EDITION, THE REQUIREMENTS OF APPROVED DOCUMENT H (2015 EDITION) AND BUILDING REGULATIONS 2000.

4. ALL EXISTING DRAINS TO BE ABANDONED SHALL BE EITHER REMOVED OR GROUTED UP IF NOT POSSIBLE. GROUTING TO BE PERFORMED BY CAPPING ALL ENDS / CONNECTIONS AND FILLING THE RETAINING VOID WITH GROUT, IN ACCORDANCE WITH CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION (CESWI) 7TH EDITION.

5. ALL ADOPTABLE DRAINAGE WORKS INCLUDING WORKS TO EXISTING PUBLIC SEWERS TO BE UNDERTAKEN IN ACCORDANCE WITH "SEWERS FOR ADOPTION 7th EDITION" AND "CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION" AND CONSTRUCTED TO THE RELEVANT STATUTORY UNDERTAKERS DETAILS

GENERAL NOTES:

Rev:	Description:	Date:	By:	Chkd:
C01	UPDATED TO COMMENTS RECIEVED	05.07.19	NMH	AS

KIER

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Status: CONSTRUCTION

Project: THE HEIGHTS

Drg Title: S106 NOTES

Size:	Date:	Drawn By:	Designed By:	Checked By:
A2	25.02.19	NMH	AS	LG
Scale: NTS				

Project No:	Originator:	Zone:	Level:	Type:	Discipline:	Category / Number:	Rev:
FS0280	CUR	00	00	DR	C	72001	C01

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