

- KEY**
- Highway boundary
  - Adoption boundary
  - Proposed kerbline
  - Existing kerbline
  - Blister tactile paving
  - Carriageway. Full construction
  - Carriageway. To be regulated and resurfaced
  - Footway. Full construction
  - Footway. To be resurfaced
  - Bus Stop green pigmented surfacing (Zebraflex by Ennis Flint)
  - Anticipated extent of SAB adoption
  - Existing vehicle crossover to be removed / remain
  - Gully - remain / remove / proposed
  - Lighting column - remain / relocate / proposed
  - Road marking - remain / remove / proposed
  - Dimension - existing / proposed
  - Existing stone wall to remain
  - Existing stone wall to be removed
  - Root Protection Area
  - Root protection barrier (refer to Arboriculturalist or Landscape Architect's detail)
  - No mechanical excavation zone around high pressure gas main (consult Wales & West Utilities)

**KERB KEY**

| Tag | Description                     | Size                |
|-----|---------------------------------|---------------------|
| HB2 | Half battered kerb              | (255 x 125)         |
| DD  | Double length drop kerb         | (255/178 x 125)     |
| BN0 | Bull nosed kerb (0-6mm upstand) | (150 x 125)         |
| CS1 | Channel square                  | (255 x 125)         |
| AK  | Access Kerb (180mm upstand)     | (310 x 310)         |
| TAK | Transition Access kerb          | (310/255 x 310/125) |
| EF  | Square edging                   | (150 x 50)          |



| REV | DATE       | DESCRIPTION                | DRW | CHK |
|-----|------------|----------------------------|-----|-----|
| P01 | 12.02.2021 | FIRST ISSUE                | CM  | AG  |
| P02 | 19.02.2021 | REVISED FOLLOWING RSA2     | CM  | AG  |
| P03 | 28.04.2021 | STREET LIGHTING UPDATED    | CM  | AG  |
| P04 | 18.05.2021 | SAB LEADER AND KEY UPDATED | CM  | AG  |
| CD1 | 07.07.2021 | CONSTRUCTION ISSUE         | CM  | RJH |

#### GENERAL NOTES

**DRAWINGS AND SPECIFICATIONS:** This drawing is to be read in conjunction with all relevant Architects, Engineers and Specialists drawings together with the specification.

**CONSTRUCTION THICKNESSES:** Refer to drawing 79-E1379-CDY-XX-XX-DR-D-En\_80\_35\_74-0015.

**CONTOURS & LEVELS:** Refer to drawing 79-E1379-CDY-XX-XX-DR-D-En\_80\_35\_74-0030.

**STREET LIGHTING:** The street lighting column locations on this drawing are indicative only. Please refer to street lighting design drawings and specification by Capita.

**TACTILE PAVING:** At uncontrolled crossings blister tactile paving to be buff.

**GULLIES:** All gullies within the area of works to be suction cleansed on completion of the works.

**WORKING IN A LIVE HIGHWAY:** All the necessary guarding, signing and safety requirements to ensure the safe passage of vehicular and pedestrian traffic whilst executing the works shall be in accordance with Section 65 of the New Roads and Street Works Act 1991, using the 'Safety at Street Works and Road Works' code of practice. The existing public highway must not be used as site roads or sites for stockpiling and storing plant, materials or equipment.

**SITE LAYOUT:** The background layout shown in this drawing is based on KKL's drawing 190487-W202 Revision B. Please note that this might not be the latest drawing. Reference must be made to the Architect's drawings for current information.

**SURVEY:** The survey background shown in this drawing is based on Berry Geomatics' drawing 66/19.

**THIS DRAWING SHOULD BE PRINTED IN COLOUR**

| C D M : SIGNIFICANT HAZARDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| THE FOLLOWING HEALTH AND SAFETY HAZARDS ARE IDENTIFIED BY THE DESIGNER AS ABNORMAL IN PURSUANCE OF THE CURRENT CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RISKS DURING CONSTRUCTION:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <ul style="list-style-type: none"><li>WORKS IN PUBLIC HIGHWAY - Contractor to provide all necessary guarding, signing and safety requirements to ensure safe working environment for personnel and safe passage for vehicular and pedestrian traffic.</li><li>EXISTING SERVICES - Further to any existing services information available, contractor to undertake further surveys/scans to locate any existing services prior to excavations.</li><li>HIGH PRESSURE GAS MAIN - There is a high pressure gas main within the footway. Contractor to liaise with Wales &amp; West Utilities prior to undertaking any excavation.</li></ul> |
| <b>OPERATION / MAINTENANCE RISKS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <ul style="list-style-type: none"><li>OVERHANGING THE HIGHWAY - Trees and vegetation overhanging the A474 northbound lane will require routine maintenance to keep the trafficked envelope free from obstruction.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>RISKS DURING DEMOLITION/DECOMMISSIONING/DISMANTLING/ALTERATIONS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <ul style="list-style-type: none"><li>No abnormal risks have been identified relating to this design element.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY COMPETENT & ADEQUATELY RESOURCED CONTRACTOR(S) TO SAFE SYSTEMS OF WORK.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Client                | ALDI - Aldi Stores Ltd.                                         |
| Project Title         | ALDI STORE                                                      |
| Project Address       | NEATH ABBEY ROAD<br>NEATH                                       |
| Drawing Title         | HIGHWAY WORKS<br>SECTION 278/38 AGREEMENT<br>ENGINEERING LAYOUT |
| Job No.               | 79-E1379 CDY                                                    |
| Originator            | XX                                                              |
| Zone                  | XX                                                              |
| Level                 | DR                                                              |
| Type                  | D                                                               |
| System Classification | En_80_35_74_0010                                                |
| Drawing No.           | A5                                                              |
| Subsidiary            | C01                                                             |
| Revision              |                                                                 |
| Drawn                 | AG                                                              |
| Checked               | CM                                                              |
| Date                  | 12.02.21                                                        |
| Scale                 | 1:200                                                           |
| Size                  | A1                                                              |

|          |         |                                                                                                                                                                                                    |
|----------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approved | CRADDYS | IF YOU HAVE A QUERY CALL US<br>SCALING FROM THIS DRAWING OR OBTAINING DIMENSIONS<br>ELECTRONICALLY MAY NOT PROVIDE ACCURATE INFORMATION &<br>SHOULD BE AVOIDED. WORK ONLY FROM INSURED DIMENSIONS. |
| RAG      | 7899    |                                                                                                                                                                                                    |

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Existing Openreach chamber to be relocated out of the junction and into the adjacent footway. Alternatively, if the chamber has to remain in the carriageway then it must be upgraded for traffic loading with a non-slip cover or surface treatment (GrpTop by Saint-Gobain PAM UK or PREMARK™ Anti-Skid by Geveko Markings)

Existing vehicle crossover to be removed

Existing stone wall to remain

Existing utilities to be diverted or lowered, subject to utility providers requirements.

New LC ref. TBC  
Works to be complete by NPTCBC approved contractor (e.g. SSE or Centre Great)

Connection into SAB system, refer to drawing 7899-0080

LC ref. 377 relocated to back of footway

Boundary fence reinstated behind new kerb line with grass verge banking behind to make up difference in ground level

Existing bus shelter to be relocated. Clear Channel quotation number: S3389899. Coordination required with Openreach diversion

LC ref. 378 relocated to back of footway



**HIGH PRESSURE GAS MAIN**  
There is a high pressure gas main within the proposed footway. Contractor to liaise with Wales & West Utilities prior to undertaking any excavation. Upon receipt of updated buried services survey plot route of high pressure gas main and 6m wide (3m either side) no mechanical excavation zone.

Within the entire S278 works extent - All vegetation overhanging the existing stone wall to be cut back in line with the black pedestrian railings. Trees to be crown lifted as required such that an envelope of 5.2m above carriageway level is free from branches and foliage. All works to trees must be completed under guidance from project Arboriculturalist.

Within the entire S278 works extent - All vegetation overhanging the existing stone wall to be cut back in line with the black pedestrian railings. Trees to be crown lifted as required such that an envelope of 5.2m above carriageway level is free from branches and foliage. All works to trees must be completed under guidance from project Arboriculturalist.