KEY

- New CARRIAGEWAY to be planned and surfaced with 40mm AC10 DENSE SURFACE COURSE
- New FULL CARRIAGEWAY CONSTRUCTION comprising of 40mm AC10 DENSE SURFACE COURSE; 60mm AC20 DENSE SETTLEMENT COURSE 100/150 PMB (POLYMER MODIFIED BINDER); 260mm SUB-BASE; 300mm CAPPING LAYER
- New PROPOSED FULL FOOTWAY RECONSTRUCTION comprising of 25mm AC6 DENSE SURFACE COURSE; 50mm AC20 DENSE SETTLEMENT; 150mm TYPE 1 SUB-BASE
- New PROPOSED 400x400x50mm PRECAST CONCRETE PIMPLE TEXTURED PAVING SLABS, COLOUR RED, IN FOOTWAY ON 150mm TYPE 1 SUB-BASE AND 30mm SHARP SAND BEDDING LAYER WITH PRECAST CONCRETE EDGING SURROUND
- New EXISTING CHANNEL KERBS TO REMAIN
- New PROPOSED EXISTING CHANNEL KERBS TO REMAIN
- New PROPOSED PRECAST CONCRETE GULLY WITH D400 COVER AND FRAME AS BEAPivered012
- New PROPOSED 150mm DIAMETRE PIPE TO CONNECT INTO EXISTING DRAINAGE SYSTEM USING A SLOW 'Y' BEND CONNECTOR
- New APPROXIMATE LINE OF SURFACE WATER DRAIN (WELSH WATER SUPPLY)
- New RAISED TABLE CONSTRUCTION comprising of 40mm AC10 SURFACE COURSE AND 75mm AC20 BINDER COURSE AS SHOWN IN PROPOSED SECTION OF RAISED TABLE FOR CONSTRUCTION

CITY OF CARDIFF COUNCIL

Andrew Gregory
Director of Planning, Transport and
Environment

FOR CONSTRUCTION

LAKESIDE PRIMARY SCHOOL - ACTIVE TRAVEL

GENERAL ARRANGEMENT

LOCATION B

DIAG.1062
DIAG.1009
DIAG.1055.1
DIAG.1001.3
KEY

- Carriageway to be planed and resurfaced with 40mm AC10 dense surface course.
- Full carriageway construction comprising of 40mm AC10 dense surface course and 60mm AC20 dense binder 100/150 to BS EN 13108-4. 200mm AC32 base 40/60 to BS EN 13108-4. 200mm sub-base type T 1 100/150 PMB (polymer modified binder).
- Proposed full post-man reconstruction comprising of 40mm AC10 dense surface course, 60mm AC20 dense binder 100/150 to BS EN13108-4, 150mm type 1 sub-base and 30mm sharp sand bedding layer with 25mm AC6 dense surface course.
- Proposed 400x400x50mm precast concrete pimple textured paving slabs, colour buff, in footway on 150mm type 1 sub-base and 30mm sharp sand bedding layer with precast concrete edging surround.
- Proposed precast concrete gully with D400 cover and frame as SEWFD/0503.02.
- Proposed 150mm diameter pipe to connect into existing drainage system using a slow 'Y' bend connection.
- Approximate line of surface water drain (Welsh Water Supply).
- Raised table construction comprising of 40mm AC10 surface course and 75mm AC20 binder course as shown in proposed section of raised table.

EXISTING GULLY

EXISTING CHANNEL KERBS TO REMAIN

EXISTING DRAIN

APPROXIMATE LINE OF SURFACE WATER DRAIN (WELSH WATER SUPPLY)
PROPOSED FULL FOOTWAY RECONSTRUCTION COMPRISING OF 25mm AC6 DENSE SURFACE COURSE, 50mm AC20 DENSE BINDER 100/150 TO BS EN 13108-4, 150mm TYPE 1 SUB-BASE.

PROPOSED 400x400x50mm PRECAST CONCRETE PIMPLE TEXTURED PAVING SLABS, COLOUR RED, IN FOOTWAY ON 150mm TYPE 1 SUB-BASE AND 30mm SHARP SAND BEDDING LAYER WITH PRECAST CONCRETE EDGING SURROUND.

EXISTING CHANNEL KERBS TO REMAIN.

PROPOSED SIMMON SIGNS MIDUSTAR COMBINED BELLSHA BEACON AND ROAD LIGHTING POST OF 6M NOMINAL HEIGHT WITH PLANTED BASE (PLEASE REFER TO CCC STREET LIGHTING MATERIAL SPECIFICATION FOR LANTERN SPECIFICATIONS).

EXISTING GULLY

PROPOSED PRECAST CONCRETE GULLY WITH D400 COVER AND FRAME AS SEWFSD/0503.02.

PROPOSED 150mm DIAMETRE PIPE TO CONNECT INTO EXISTING DRAINAGE SYSTEM USING A SLOW "Y" BEND CONNECTION.

RAISED TABLE CONSTRUCTION COMPRISING OF 40mm AC10 SURFACE COURSE AND 75mm AC20 BINDER COURSE AS SHOWN IN PROPOSED SECTION OF RAISED TABLE FOR CONSTRUCTION.
KEY

CARRIAGEWAY TO BE PLANED AND RESURFACED WITH 40mm AC10 DENSE SURFACE COURSE

FULL CARRIAGEWAY CONSTRUCTION COMPRISING OF 40mm AC10 DENSE SURFACE COURSE (TO BE FINISHED WITH 100/150 PMB (POLYMER MODIFIED BINDER). 60MM AC20 DENSE BINDER 100/150 TO BS EN 13108-4. 225MM TYPE 1 SUB-BASE. 225MM CAPPING LAYER.

PROPOSED FULL FOOTWAY RECONSTRUCTION COMPRISING OF 25mm AC6 DENSE SURFACE COURSE, 50mm AC20 DENSE BINDER 100/150 TO BS EN13108-4. 150MM TYPE 1 SUB-BASE.

PROPOSED PRECAST CONCRETE PAVING SLABS, COLOUR RED, IN FOOTWAY ON 150mm TYPE 1 SUB-BASE AND 30mm SHARP SAND BEDDING LAYER WITH PRECAST CONCRETE EDGING SURROUND.

EXISTING CHANNEL KERBS TO REMAIN.

EXISTING GULLY

PROPOSED GULLY WITH D400 COVER AND FRAME AS SHOWN.

PROPOSED 250mm DIAMETRE PIPE TO CONNECT INTO EXISTING DRAINAGE SYSTEM USING A SLOW 'Y' BEND CONNECTION.

APPROXIMATE LINE OF SURFACE WATER DRAIN.

RAISED TABLE CONSTRUCTION COMPRISING OF 40mm AC10 SURFACE COURSE AND 75mm AC20 BINDER COURSE AS SHOWN IN PROPOSED SECTION OF RAISED TABLE.

EXISTING SUMMER BEANS SOLUTION COMBINED SUMMER BEACON AND ROAD LIGHTING POST OF REVERSED BEACON WITH SUMMER BEAN PLANTED IN TRAY II. 2.9M TRAY II WITH PLANTING MATERIAL SPECIFICATION FOR LANTERN SPECIFICATIONS.

EXISTING SUMMER BEANS SOLUTION COMBINED SUMMER BEACON AND ROAD LIGHTING POST OF REVERSED BEACON WITH SUMMER BEAN PLANTED IN TRAY II. 2.9M TRAY II WITH PLANTING MATERIAL SPECIFICATION FOR LANTERN SPECIFICATIONS.

APPROXIMATE LINE OF SURFACE WATER DRAIN.

RAISED TABLE CONSTRUCTION COMPRISING OF 40mm AC10 SURFACE COURSE AND 75mm AC20 BINDER COURSE AS SHOWN IN PROPOSED SECTION OF RAISED TABLE.

EXISTING SUMMER BEANS SOLUTION COMBINED SUMMER BEACON AND ROAD LIGHTING POST OF REVERSED BEACON WITH SUMMER BEAN PLANTED IN TRAY II. 2.9M TRAY II WITH PLANTING MATERIAL SPECIFICATION FOR LANTERN SPECIFICATIONS.

EXISTING SUMMER BEANS SOLUTION COMBINED SUMMER BEACON AND ROAD LIGHTING POST OF REVERSED BEACON WITH SUMMER BEAN PLANTED IN TRAY II. 2.9M TRAY II WITH PLANTING MATERIAL SPECIFICATION FOR LANTERN SPECIFICATIONS.

APPROXIMATE LINE OF SURFACE WATER DRAIN.