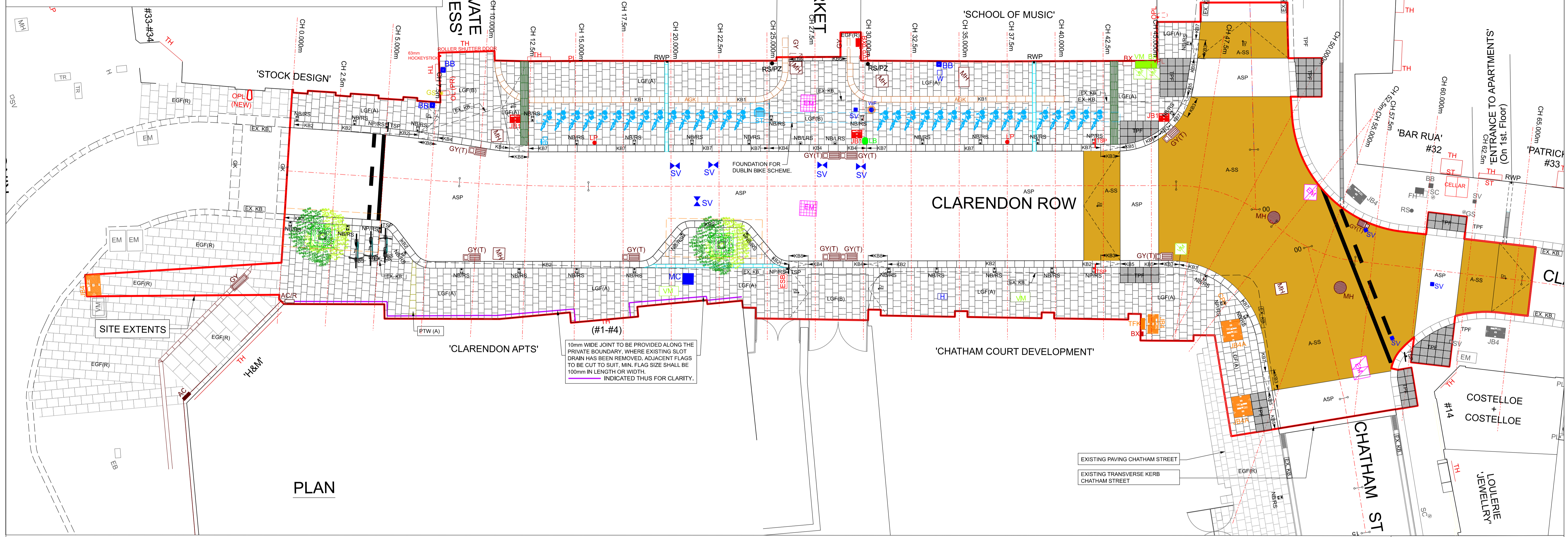


- GENERAL NOTES:**
- WHERE REQUIRED ALL MANHOLE COVERS & FRAMES FOR THE VARIOUS UTILITY SERVICE PROVIDERS MUST BE PROCURED BY THE CONTRACTOR FOR THE WORKS FROM THE UTILITY SERVICE SUPPLIER. THE REASON FOR THIS IS THAT APPROVED SUPPLIERS ARE LICENSED TO USE THE SPECIFIC INDIVIDUAL UTILITY NAME & LOGO / MOTIF. e.g. Eir, BT Ireland, Traffic, DCC etc.
 - ALL NEW MANHOLE COVERS & FRAMES SHALL BE TO BS EN 124 AND SHALL SATISFY B125 LOADING FOR FOOTPATHS, AND D400 OR E600 LOADING FOR CARRIAGEWAYS AS REQUIRED BY UTILITY SERVICE PROVIDERS.
 - IN PAVED AREAS THE DEPTH OF FRAMES SHALL BE 100mm TO ALLOW NEW PAVING TO BE DRESSED UP TIGHT AGAINST THE FRAME.
 - ALL NEW MANHOLE COVERS & FRAMES SHALL BE BEDDED IN A HIGH STRENGTH MORTAR BED COMPLIANT WITH HA 104/09 & CL507.17 OF THE TII SPECIFICATION FOR ROADWORKS.
 - THE CONTRACTOR SHALL CONSULT WITH ALL UTILITY SERVICE PROVIDERS, TO RE-ORIENTATE AND ALIGN WHERE POSSIBLE, ALL COVERS & FRAMES NORMAL TO THE CARRIAGEWAY & FOOTWAY PAVING JOINTS.
 - ALL BOLLARDS, POLES AND RETENTION SOCKETS TO BE PLACED TO REAR OF GRANITE KERBS.
 - KERB AND FOOTWAY JOINTING / LAYOUT SHOWN IS INDICATIVE ONLY.
 - THE DEPTHS/THICKNESS QUOTED IN THE PAVING ITEM DESCRIPTIONS ABOVE REFER TO THE MINIMUM COMPACTED DEPTHS/THICKNESSES OF MATERIALS.
 - ALL LITTER BINS SHALL BE FIXED TO GRANITE FLAGS AS PER HOLDING DOWN BOLT DETAIL. SEE DRG. NO. RD-3413-RT-3001_A AND RD-3413-RT-SCD-04_A.
 - ALL GRANITE SLABS SHALL BE CUT TO SUIT AND DRESSED TIGHT UP AGAINST THE FRAMES OF ALL UTILITY MANHOLES, STOPCOCKS, HYDRANTS, METERS, VALVES ETC. IN THE FOOTWAYS, MAX. JOINTS 5mm.
 - FOR TRAFFIC AND PUBLIC LIGHTING DUCTING REQUIREMENT DETAILS, SEE DRG. NO. RD-3413-RT-1202_A AND RD-3413-RT-1301_A.
 - A PRIMING SLURRY SHALL BE APPLIED TO THE TOP OF THE SUB BASE AS WELL AS THE BASE AND SIDE OF ALL PAVING UNITS.
 - THE COVERS AND FRAMES OF ALL REMAINING INSPECTION CHAMBERS SHALL BE RE-SET TO SUIT THE LEVEL OF THE NEW PAVING SURFACE.
 - ALL WORKS TO BE CARRIED OUT AS PER APPENDIX 11/1 AND CL. 1104 SR OF THE SPECIFICATION.
 - HORIZONTAL ALIGNMENT IS AS SHOWN ON DRG. NO. RD-3413-RT-0701_A AND RD-3413-RT-0702_A.
 - ALL ITEMS TO BE SET ASIDE FOR RE-USE OR MAINTAINED IN POSITION. TO BE RELAID TO NEW LEVEL WHERE REQUIRED.
 - REFER TO APPENDIX 11/1, 11/4, 11/5 AND 24/1 FOR PAVING SPECIFICATION DETAILS.
 - MATCH EXISTING BACK-OF-PATH LEVELS UNLESS INDICATED OTHERWISE.
 - PAVING SHOULD BE FINISHED TIGHT TO BACK OF PATH WITH A 5mm JOINT. WHERE THIS IS NOT POSSIBLE A NEAT HIGH-STRENGTH - GROUT BAND SHOULD BE INSTALLED IN AGREEMENT WITH THE EMPLOYER'S REPRESENTATIVE.
 - ALL MANHOLE CHAMBER COVERS AND FRAMES SHALL BE LAID TO SUIT NEW FINISHED GROUND LEVEL.
 - FOOTWAY DRAINAGE CHANNEL BLOCKS INDICATED CYAN FOR CONTRAST PURPOSES ONLY.



LEGEND:

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| <ul style="list-style-type: none"> ESB EXISTING ESB INSPECTION CHAMBER EXB EXISTING ESB OR PL MINI PILLAR/BOX PL EXISTING PUBLIC LIGHTING, ELECTRICAL OR TELECOMM'S CABLE OPL EXISTING OVERHEAD PUBLIC LIGHTING POLE PE EXISTING ESB POLE 4 EXISTING EIR INSPECTION CHAMBER (TYPES) MH EXISTING SEWER + MAIN DRAINAGE MANHOLE GY(T) PROPOSED SEWER + MAIN DRAINAGE DRAINAGE 'HIPPO' GULLY (TRAPPED) SDC EXISTING SLOT DRAIN CHANNEL AND ACCESS CHAMBER. ACR EXISTING SLOT DRAIN ACCESS CHAMBER. (RELOCATED) JB4 PROPOSED NEW TRAFFIC INSPECTION CHAMBER (TYPE: JB4). JB4A PROPOSED NEW TRAFFIC INSPECTION CHAMBER (TYPE: JB4A). TFK PROPOSED NEW TRAFFIC FIBRE KIOSK AND NEW MICRO PILLAR (BX) FOR TRAFFIC. IB4 EXISTING TRAFFIC INSPECTION CHAMBER (TYPE: JB4) AS INSTALLED AS PART OF CLARENDON STREET IMPROVEMENT SCHEME. TH BUILDING THRESHOLD ST BUILDING ENTRANCE STEP GA BUILDING GATE | <ul style="list-style-type: none"> GS EXISTING GAS VALVE SV EXISTING WATER STOP VALVE SV PROPOSED NEW WATER STOP VALVE BB PROPOSED NEW WATER BOUNDARY BOX (AS PER IW Ref: STD-W-03) HYD PROPOSED NEW WATER HYDRANT (AS PER IW Ref: STD-W-19) MC CHAMBER (1m x 1m) TO HOUSE NEW METER (AS PER IW Ref: STD-W-26) VM EXISTING VIRGIN MEDIA INSPECTION CHAMBER (TYPES) VM BX EXISTING VIRGIN MEDIA CABINET NB/RS NP/RS PROPOSED NEW BOLLARD AND POLE RETENTION SOCKETS NB/RS NP/RS PROPOSED NEW CORDUROU GUIDANCE STRIP JB1 PROPOSED PUBLIC LIGHTING INSPECTION CHAMBER (TYPE: JB1) LP PROPOSED NEW PUBLIC LIGHTING LAMP AND POLE, (IND. PL COLUMN SLEEVE) LB PROPOSED NEW PUBLIC LIGHTING MINI PILLAR (BX). OPL (NEW) PROPOSED NEW 'OVERHEAD' PUBLIC LANTERN UNIT. OL (PR) EXISTING 'OVERHEAD' LIGHTING LAMP UNIT (PRIVATE, RETAINED IN PLACE). F.D.C. PROPOSED RAIN WATER PIPE / FOOTWAY DRAINAGE CHANNEL BLOCKS IN FOOTWAY CP PROPOSED NEW TRAFFIC CAMERA POLE LB PROPOSED HARTCAST 2055 LITTER BIN INSTALLATION | <ul style="list-style-type: none"> BO PROPOSED BOLLARD TSP PROPOSED TRAFFIC ROAD SIGN & POLE (3m HIGH) TSP PROPOSED TRAFFIC ROAD SIGN & POLE (4m HIGH) RSPZ EXISTING ROAD SIGN & POLE (PEDESTRIAN ZONE) WF PROPOSED BOTTLE FILLER WATER FOUNTAIN ST PROPOSED DUBLIN BIKE SCHEME ST PROPOSED DUBLIN BIKE SCHEME (PAY TERMINAL) ST PROPOSED NEW DUBLIN BIKE SCHEME 'DYNAFLEX' BOLLARD. BS INDICATES PROPOSED STAINLESS STEEL CYCLE STAND (SHEPHERD TYPE), FOR DETAILS SEE DRG. NO. RD-3413-RT-SCD-04_A. ANTI-SKID SURFACING MATERIAL: BUFF COLOURED ANTI-SKID SURFACING, ON ADDACRYL SEALER ON CARRIAGEWAY CONSTRUCTION. PROPOSED RAMP DOWN PROPOSED TREES (ROOTSPACE CELLS BELOW SHOWN DOTTED). |
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PROPOSED KERB TYPES:

- KERB TYPE - 1: (KB1) (ANTIQUE GRANITE KERB)**
 ANTIQUE GRANITE KERBS AS RECOVERED FROM SITE.
- KERB TYPE - 2: (KB2) (GRANITE KERB)**
 LEINSTER GRANITE KERB BLOCK, 500L x 350W x 200mm DP. (JOINTS MAX. 10mm.) NOM. 70mm SHOW TO CARRIAGEWAY (VARIES), 20mm BULLNOSE, 10mm BATTER. (SHOW TO CARRIAGEWAY VARIES AT CHATHAM STREET JUNCTION).
- KERB TYPE - 3: (KB3) (TRANSITION KERB)**
 TRANSITION KERB REFERS TO KERB WITH SLOPED SHOULDER TO TOP OF KERB AS IT TRANSITIONS FROM ONE KERB HEIGHT TO ANOTHER. LEINSTER GRANITE KERB BLOCK, 500L x 350W x 200mm DP. (JOINTS MAX. 10mm.) NOM. 70mm SHOW TO CARRIAGEWAY (VARIES), 20mm BULLNOSE, 10mm BATTER.
- KERB TYPE - 4: (KB4) (VEHICULAR ACCESS / ENTRANCES)**
 IBERIAN AZUL PLATINO GRANITE KERB BLOCK, 500L x 350W x 200mm DP. (JOINTS MAX. 10mm.) MIN. 5mm MAX. 25mm SHOW TO CARRIAGEWAY. 10mm BULLNOSE.
- KERB TYPE - 5: (KB5) (TACTILE PAVING)**
 LEINSTER GRANITE KERB BLOCK, 500L x 200W x 200mm DP. (JOINTS MAX. 10mm.) MAX. 3mm SHOW TO CARRIAGEWAY. 10mm BULLNOSE.
- KERB TYPE - 6: (KB6) (FLUSH GRANITE KERB)**
 IBERIAN AZUL PLATINO GRANITE KERB BLOCK, 500L x 200W x 200mm DP. (JOINTS MAX. 10mm.) AT REAR OF FOOTWAY AT ENTRANCE TO CLARENDON MARKET AND FLUSH TO FINISHED SURFACE. NO BULLNOSE.
- KERB TYPE - 7: (KB7) (DROPPED KERB ALONG NEW DUBLIN BIKES, AND ALONG KERB AT CHATHAM STREET JUNCTION)**
 LEINSTER GRANITE KERB BLOCK, 500L x 350W x 200mm DP. (JOINTS MAX. 10mm.) MIN. 5mm MAX. 25mm SHOW TO CARRIAGEWAY. 10mm BULLNOSE.
- KERB TYPE - 8: (KB8) (TRANSITION KERB AT VEHICULAR ACCESS / ENTRANCES)**
 TRANSITION KERB REFERS TO KERB WITH SLOPED SHOULDER TO TOP OF KERB AS IT TRANSITIONS FROM ONE KERB HEIGHT TO ANOTHER. IBERIAN AZUL PLATINO GRANITE KERB BLOCK, 500L x 350W x 200mm DP. (JOINTS MAX. 10mm.) NOM. 70mm SHOW TO CARRIAGEWAY (VARIES), 20mm BULLNOSE, 10mm BATTER.

PROPOSED FOOTWAY TYPES:

- (FOOTWAY TYPE - A)**
 FOOTWAY CONSTRUCTION: ALTERNATING LEINSTER GRANITE FLAGS, 60mm DP (JOINTS MAX. 5mm) SILVER GREY / GOLDEN BROWN IN COLOUR, (BUSH HAMMERED FINISH) GENERALLY LAID PERPENDICULAR TO KERBLINE, IN ACCORDANCE WITH APPENDIX 11/1 AND 11/4.
- (FOOTWAY TYPE - B)**
 VEHICULAR ACCESS / ENTRANCE: ALTERNATING LEINSTER GRANITE FLAGS, 100mm DP. (JOINTS MAX. 5mm) SILVER GREY / GOLDEN BROWN IN COLOUR, (BUSH HAMMERED FINISH) GENERALLY LAID PERPENDICULAR TO KERBLINE, IN ACCORDANCE WITH APPENDIX 11/1 AND 11/4.
- (FOOTWAY TYPE - C)**
 TACTILE PAVING FLAGS: CHINESE GRANITE TACTILE PAVING FLAGS, 60mm DP. (JOINTS MAX. 3mm) BLACK IN COLOUR, (FLAMED FINISH), LAID AT CROSSINGS CUT TO SUIT ON SITE WHERE REQUIRED, IN ACCORDANCE WITH APPENDIX 11/1 AND 11/4.
- (FOOTWAY TYPE - D)**
 TREE - PIT CONSTRUCTION: ALTERNATING LEINSTER GRANITE FLAGS, 60mm DP. (JOINTS MAX. 5mm) SILVER GREY / GOLDEN BROWN IN COLOUR, (BUSH HAMMERED FINISH) GENERALLY LAID PERPENDICULAR TO KERBLINE, IN ACCORDANCE WITH APPENDIX 11/1 AND 11/4.
- (FOOTWAY TYPE - E)**
 RAIN WATER PIPE/FOOTWAY DRAINAGE CHANNEL BLOCKS IN FOOTWAY: LEINSTER GRANITE CHANNEL BLOCK, 60mm DP. (JOINTS MAX. 5mm.) SILVER GREY / GOLDEN BROWN IN COLOUR, (BUSH HAMMERED FINISH), CUT TO SUIT ON SITE WHERE REQUIRED, IN ACCORDANCE WITH APPENDIX 11/1 AND 11/4.
- (FOOTWAY TYPE - F)**
 FOUNDATION FOR NEW DUBLIN BIKE: ALTERNATING LEINSTER GRANITE FLAGS, 60mm DP. (JOINTS MAX. 5mm) SILVER GREY / GOLDEN BROWN IN COLOUR, (BUSH HAMMERED FINISH) GENERALLY LAID PERPENDICULAR TO KERBLINE. ALL ON FOUNDATION FOR NEW DUBLIN BIKE SCHEME, IN ACCORDANCE WITH APPENDIX 11/1 AND 11/4.
- (FOOTWAY TYPE - G)**
 CORDUROU PAVING GUIDANCE STRIP: GRANITE CORDUROU PAVING GUIDANCE STRIP, 60mm DP. (JOINTS MAX. 3mm) BLACK IN COLOUR, LAID PERPENDICULAR TO KERBLINE, IN ACCORDANCE WITH APPENDIX 11/1 AND 11/4.
- (FOOTWAY TYPE - H)**
 TAKE-UP AND RELAY: TAKE-UP AND RELAY EXISTING PAVING FLAGS, WITHIN SITE EXTENTS LIMITS, TO FACILITATE LAYING OF TRAFFIC DUCTS TO PROPOSED TRAFFIC JB4, IN ACCORDANCE WITH APPENDIX 11/1 AND 11/4.
- NOTE: SEE DRG. NO. RD-3413-RT-0601_A FOR LOCATION OF FOOTWAY TYPES AND FULL CONSTRUCTION DETAILS.

PROPOSED KERB / FOOTWAY / PAVEMENT TYPES: (ABBREVIATIONS):

- AGK ANTIQUE GRANITE KERB (EXISTING) (TAKEN UP AND RELAID TO NEW LEVEL)
- LG(A) ALTERNATING LEINSTER GRANITE FLAGS 500,400,300L x 400,300W x 60mm DP. (JOINTS MAX. 5mm) LAID PERPENDICULAR TO KERB ON CLARENDON ROW AND PARALLEL TO KERB ON CHATHAM STREET.
- LG(B) ALTERNATING LEINSTER GRANITE FLAGS 500,400,300L x 400,300W x 100mm DP. (JOINTS MAX. 5mm) LAID PERPENDICULAR TO KERB IN VEHICULAR ACCESS / ENTRANCES.
- PTW(A) ALTERNATING LEINSTER GRANITE FLAGS (PROPOSED) LAID IN PAVING TRANSITION WEDGE. CHANGEA 7.00m EAST APPROX. (INDICATED DARK YELLOW FOR CONTRAST PURPOSES ONLY) AND MUST BE CUT TO SUIT ON SITE.
- ASP ASPHALT CARRIAGEWAY.
- A-SS BUFF COLOURED ANTI-SKID SURFACING, ON ADDACRYL SEALER ON CARRIAGEWAY CONSTRUCTION.
- TFP TACTILE PAVING FLAGS, BLACK CHINESE GRANITE.
- EGF(R) EXISTING GRANITE KERBS, RETAINED.
- GK EXISTING GRANITE KERB.
- EX.KB.J EXISTING KERBLINE
- SEE APPENDIX 11/1, 11/4, 7/1 AND 7/11 FOR DETAILS.
- FOR DETAILS AND SPECIFICATIONS OF STREET FURNITURE, SEE DRG. NO. RD-3413-RT-SCD-04_A

- THE NAMES OF PREMISES INDICATED ARE CORRECT IN AS FAR AS CAN BE DETERMINED. THE NAMES OF THESE PREMISES MAY CHANGE, OR MAY HAVE CHANGED, PRIOR TO COMMENCEMENT OF WORKS.

TENDER

Comhairle Cathrach
Bhaile Átha Cliath
Dublin City Council

ENVIRONMENT AND TRANSPORTATION DEPARTMENT
 ROAD DESIGN & CONSTRUCTION DIVISION
 Civic Offices, Wood Quay, Dublin 8

Dr. John W. Flanagan, C.Eng. F.I.E.C.E.
 City Engineer

Project: **CLARENDON ROW - IMPROVEMENT SCHEME**

Title: **PROPOSED PAVING PLAN**

Datum: Malin Hd.

Scales: 1:100

Dm. PC Chd. MG App. JK Date: 30/4/21

Drawing No. **RD-3413-RT-1101_A**

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Date: Rev. Description

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