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- KEY:**
- EXISTING items are shown GREY
 - REMOVED items are shown LIGHT BLUE
 - NEW items are generally shown BLACK
 - [Hatched pattern] Extents of reconstructed carriageway. Approx 710m² (See Note 11)
 - [Hatched pattern] Take up and relay existing footway blocks. Approx 450m² (See Note 8)
 - [Hatched pattern] Lay new 60mm blocks on footway. Approx 335m² (See Note 8)
 - [Hatched pattern] Lay new 80mm blocks on continuous footway. Approx 128m² (See Note 8)
 - [Blue hatched pattern] Extents of reconstructed cycle lane. Approx 22m² (See Note 8)
 - [Blue hatched pattern] Extents of new footway (DBM). Approx 10m² (See Note 8)
 - [Green hatched pattern] Extents of new soft landscaping. Approx 341m² (See Note 14)
 - [Dashed line] Existing line markings to remain
 - [Solid line] New white line markings (See Note 12)
 - [Dashed line] New yellow line markings (See Note 12)
 - [Red line] New kerb, on edge. Approx 292m (See Note 5)
 - [Red line] New flush or transition kerb. (See Note 5)
 - [Pink line] New precast concrete edging. Approx 63m (See Note 7)
 - [Pink line] New aluminium edging. Approx 170m (See Note 7)
 - [Green dashed line] New tactile paving (Buff) (See Note 9)
 - [Green circle] New tree
 - [Blue square] New post and traffic sign
 - [Blue square] New 89mm post and sign illuminated
 - [Blue square] Two short sign posts for street name plate
 - [Red square] New gully. Approx 11 No. (See note 13)
 - [Yellow square] New corduroy paving. Approx 8.2m²
 - [Blue square] Existing gully to be covered. Approx 13 No. (See note 13)
 - [Red circle with cross] Proposed lighting columns.
 - [Red circle with cross] For specification, power transfers & ducting requirements, see electrical detail drawings. Approx 11 No.
 - [Red circle with cross] Remove existing lighting column. Approx 3 No.

NOTES

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- NOTES:**
1. **Please note:** Although topographical survey information is shown, most existing items have been located by eye from web images. Any proposals dependent on exact location information may require measurement on site.
 2. All dimensions shall be site verified, any discrepancies from actual site conditions shall be brought to the engineer/clerk of works attention prior to carrying out any works in the affected areas. Affected works shall only be progressed upon engineer/clerk of works instructions.
 3. The contractor is responsible for checking the locations of existing statutory services prior to construction, pay attention to the "New Roads and Street Works Act 1991".
 4. **LEVELS:** All proposed kerb, footway & carriageway levels are to be agreed on site with the LBN engineer before and during works and are subject to change as works progress. Raise or lower any valves and box covers as required.
 5. **KERBS & CHANNEL:** Install new 155 x 255mm silver granite kerb on ST-1 bed & haunch. All indicated radius corners are to have new granite radius kerbs laid. Re-lay channel to new levels at locations as indicated on site by LBN engineer. All final levels and locations are to be agreed with LBN site engineer and to be set out in accordance with Setting Out Drawing No. 12669/1100/01.
 6. **VALVES AND BOX COVERS:** Raise or lower as required to suit new footway/carriageway levels during works. Report to LBN the number and location of any BT covers/frames adjusted.
 7. **EDGING:** Provide new 50x150mm PC concrete edging or 100mm (high) aluminium edging as per indication on drawing. Final levels are subject to change during works and should be agreed with LBN engineer. Lay on ST-1 bed & haunch.
 8. **FOOTWAY:** For reconstructed areas as shown on plan: Investigate all footway channels before removal and agree any removal on site with LBN engineer. Where required, replace footway channels with new ACO channels but only where agreed. Ensure new 1.40 falls towards carriageway.
New block paving areas: For new footway area break out existing surface to approx 190mm and remove to tip. Install a 65mm block paving on 30mm thick sharp sand, on 100mm ST1 lean mix concrete. For continuous footway area use 80mm block paving on 50mm sharp sand, on 150mm ST1 lean mix concrete.
Existing block paving areas: For existing modular paving area, take up and relay existing 65mm block paving on 30mm thick sharp sand, on 100mm ST1 lean mix concrete.
Existing Footway (DBM): Footway with existing 6mm DBM break out existing surface to approx 175mm and remove to tip. Allow for replacement with 25mm DBM (6mm stone) on 50mm DBM base, on 100mm Type1.
 9. **TACTILE PAVING:** All new or reconstructed areas of tactile paving shall be laid to re-laid granite dropped kerbs and to a maximum ramp of 1:12, colour as noted on the drawing. Tactile paving layout shown is indicative. Logically adjust finished layout to minimise thin slivers while remaining within guidelines as set out in the "DETR Guidance on the Use of Tactile Surfaces".
 10. **TREES & TREE PITS:** Discard new tree pits in new footway (avoiding any root damage), liaise with LBN engineer if any troublesome roots are present. Supply and lay new 'Arboretum' (By GreenBlue Urban Ltd.) or similar approved resin-bound-gravel material to base. Size to suit exposed roots but as a guide, min 1.2m sq.
 11. **CARRIAGEWAY:** Plane off existing areas as indicated to a depth of 100mm. Re-lay with 60mm binder course (20mm stone) and 40mm thick TSCS10 68psv wearing course or as determined by LBN engineer.
 12. **LINE MARKINGS:** Line markings shown on this plan are indicative only. All existing parking controls are to be precisely referenced prior to surface removal and original locations retained unless specifically shown otherwise. All replacement carriageway markings shall be applied as per existing and applied in strict accordance with guidelines set out in the "Traffic Signs Regulations and General Directions 2016". Replace any existing kerb 'blip' markings as per existing. Join replacement markings back into existing at work limits and refresh any existing markings that get damaged or diminished during these works.
 13. **GULLY:** New proposed gullies: Connect to existing nearby lateral / main sewer / Man hole / Gully (agree on site with LBN engineer). Existing gully: Adjust frame to suit new kerb line/level and provide new cover.
 14. **SOFT LANDSCAPING:** Check drawing Nos. 12669/2600/01-06 for excavation depth and typical details.

REV	DATE	DESCRIPTION	BY	CHKD
C	12/08/21	Footway resurfacing layout and small planter. Remove proposed "tramline" pattern tactile on shared used facility. Reduce length planter bed. New corduroy tactile location.	OB	AHA

Newham London

CLIENT: LONDON BOROUGH OF NEWHAM
HIGHWAYS AND TRAFFIC

PROJECT: BRAMPTON MANOR ACADEMY
Boundary Lane Rdout and Boundary Road
Highway Improvement Schedule

SUBJECT: GENERAL ARRANGEMENT (Sheet 1 of 2)

CONTRACT No.	12669	DRAWN	AHA
SCALE	1:200 @ A1	DESIGNED	AHA
DRAWING No.	12669 / 1000 / 01	CHECKED	AP
PROJECT STAGE	For Construction	APPROVED	SP
DATE ISSUED	August 2021	REV	C

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