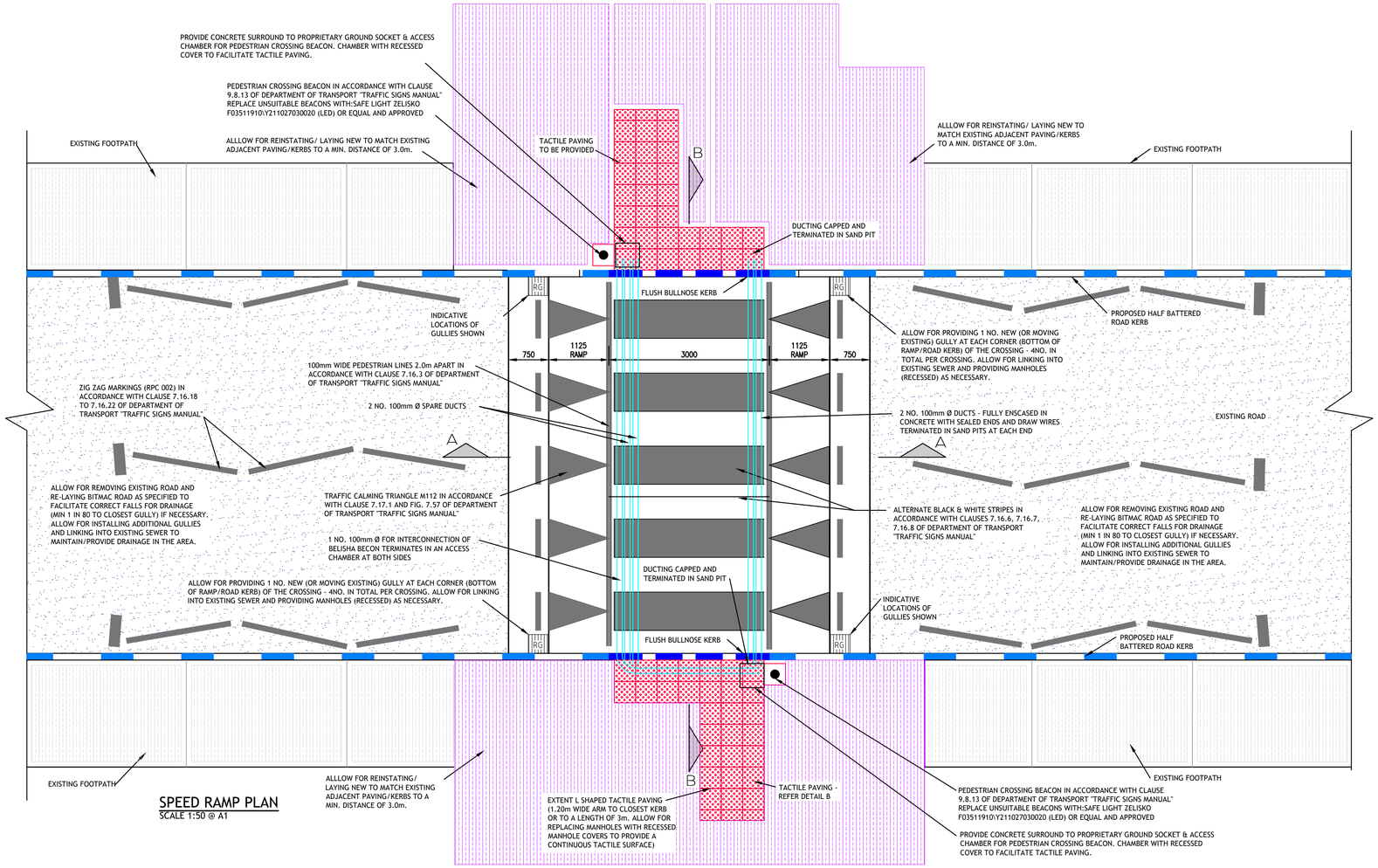
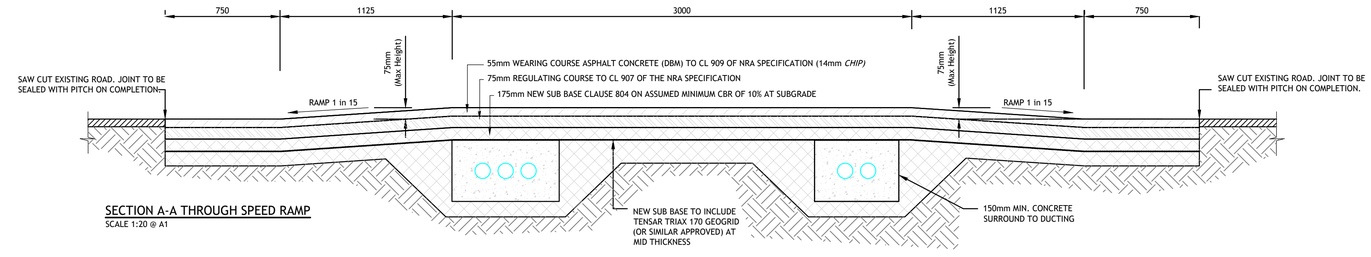
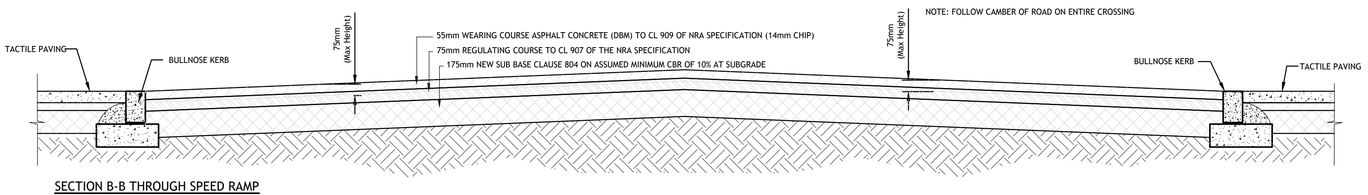


SPEED RAMP PLAN
SCALE 1:50 @ A1

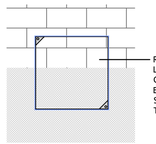


SECTION A-A THROUGH SPEED RAMP
SCALE 1:20 @ A1



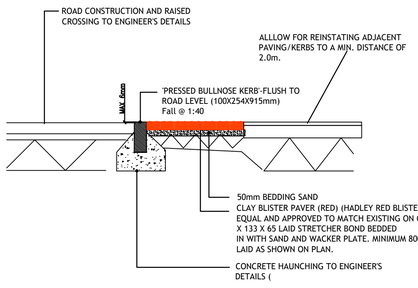
SECTION B-B THROUGH SPEED RAMP
SCALE 1:20 @ A1

PROPRIETARY ACCESS CHAMBER AND BEACON SLEEVE



CONTINUE ADJACENT MATERIAL WITHIN MANHOLE COVER (PAVING, BITMAC, BRICKS ETC) TO PROVIDE CONTINUITY OF HARD LANDSCAPE ELEMENTS/ LAYOUT

DETAIL 3: RECESSED MANHOLE COVER AND FRAME



DETAIL B: Tactile Paving

NOTES:-

HEALTH & SAFETY

1. THE CONTRACTOR MUST ENSURE THAT HE IS IN POSSESSION OF AN EXISTING SERVICES LAYOUT DRAWING BEFORE COMMENCING WORK ON SITE. CONTRACTOR TO CARRY OUT SERVICES SURVEY AT HIS OWN EXPENSE. REVIEW SURVEY WITH CLIENT PRIOR TO ANY WORKS TO ASSURE ACCURACY OF SURVEY.
2. THE CONTRACTOR SHOULD VERIFY THE LOCATION OF ALL EXISTING SERVICES ON SITE BEFORE COMMENCING WORK ON SITE. ANY DESCREPANCIES, ERRORS OR OMMISSIONS FOUND SHOULD BE REPORTED TO THE CLIENT.
3. THE CONTRACTOR MUST ENSURE THAT HIS TRAFFIC MANAGEMENT PLAN HAS BEEN AGREED WITH THE CLIENT AND OTHER STAKEHOLDERS AS REQUIRED, IN ADVANCE OF THE WORKS TAKING PLACE.

PROGRAM:

1. CONTRACTOR TO STAKE OUT PROPOSED WORKS ON GROUND FOR PRESENTATION TO CLIENT. STAKED OUT WORKS TO INCLUDE PROPOSED EXTENT OF TACTILE PAVING, EXTENT OF RAISED CROSSING 7 RAMPS, LOCATION OF GULLIES, BOLLARDS AND TRAFFIC BEACON. LOCATION OF PROPOSED MANHOLES/ACCESS CHAMBERS OR SIMILAR AND EXTENT OF ADJACENT PAVING/ROADMARKING TO BE REPAIRED/EXCHANGED.
2. CONTRACTOR TO PREPARE AND PRESENT TRAFFIC MANAGEMENT PLAN FOR VEHICLES AND PEDESTRIANS ON SITE. TRAFFIC MANAGEMENT PLAN TO PROVIDE SAFETY FOR ALL TRAFFIC USERS AND CONTINUOUS TRAFFIC/PEDESTRIAN CIRCULATION IN THE AREA. TRAFFIC CONTROL TO BE AGREED WITH CLIENT TO ASSURE THE CLIENTS STANDARDS / CAMPUS POLICIES ARE BEING MAINTAINED.

ROADS

1. EXISTING KERBS ADJACENT TO PEDESTRIAN CROSSING TO BE BROKEN OUT AND REPLACED WITH KERBS SET TO ACCOMMODATE NEW LEVELS. PROVIDE FLUSH BULLNOSE KERBS AS SHOWN AT ALL AREAS ADJACENT TACTILE PAVING.
2. ALL ROAD MARKINGS TO BE THERMOPLASTIC PAINT WITH REFLECTIVE BEADS (UNLESS OTHERWISE NOTED).
3. SPEED RAMPS TO FOLLOW CAMBER AND LEVEL (75mm ABOVE) OF EXISTING ROADWAY.
4. FINAL TACTILE PAVING ARRANGEMENT TO BE AGREED WITH THE CLIENT ON A SITE BY SITE BASIS FOLLOWING STAKING OUT BY THE CONTRACTOR.
5. ALLOW OF R RAISING/MOVING MANHOLES OUTSIDE RAMPED AREAS AND FITTING WITH RECESSED MANHOLE COVER. ALL MANHOLES WITHIN THE EXTENT OF THE CROSSING (INCLUDING TACTILE PAVING) TO BE FITTED WITH RECESSED MANHOLE COVERS AND MOVED/RAISED TO ALLOW FOR FLUSH LEVELS AND ALIGNMENT WITH PROPOSED ELEMENTS.
6. NEW FOUNDATIONS? WHERE FOUNDATION CONDITIONS FOR THE CROSSING APPEAR PARTICULARLY POOR, THE ENGINEER / ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY. IN SUCH CASES THE CONTRACTOR MAY BE REQUIRED TO CARRY OUT CBR TESTING OF THE SUB-STRATA TO DETERMINE ITS LOADING CAPABILITY. FOUNDATION IMPROVEMENT TECHNIQUES MAY BE INCORPORATED INTO THE WORKS BY THE ENGINEER / ARCHITECT AS REQUIRED.
7. COMPLIANCE CERTIFICATES FOR ALL MATERIALS USED IN THE WORKS MUST BE ISSUED TO THE CLIENT NO LATER THAN FOUR WEEKS AFTER COMPLETION OF THE WORKS.
8. ALLOW FOR MOVING EXISTING SIGNAGE OUT OF CROSSING AREAS IF NECESSARY. SIGNAGE BASE TO ENGINEER'S DETAILS.
9. ALLOW FOR REMOVING AND REPLACING ADJACENT ROAD MARKING (CYCLIST/PEDESTRIAN SIGN) THAT HAS BEEN DISTURBED BY THE INTRODUCTION OF TACTILE PAVING IN THE AREA.
10. ALLOW FOR REPLACING/REPAIRING EXISTING FOOTPATH ELEMENTS ADJACENT THE PEDESTRIAN CROSSING (INCLUDING TACTILE PAVING) UP TO A DISTANCE OF MIN. 2.0m. REVISE LEVELS IF NECESSARY TO PROVIDE DRAINAGE IN THE AREA. REPLACE ALL BROKEN OR DAMAGED KERBS, CONCRETE/CLINKER PAVING, BITMAC AND TOP UP BOUND GRAVEL AS NECESSARY TO MAINTAIN DRAINAGE AND PROVIDE A FLUSH SURFACE.

DRAINAGE

1. ALL PROPOSED DRAINAGE TO OUTFALL TO EXISTING SURFACE WATER DRAINAGE SYSTEMS OR APPROPRIATE SOAKAWAYS AS REQUIRED.
2. ALL GULLEY GRATES TO BE CAVANAGH "HIPPO" STYLE OR APPROVED EQUIVALENT.
3. ONLY PROPRITARY FITTINGS TO BE USED TO CONNECT TO EXISTING DRAINAGE SYSTEMS.
4. NO GULLEY TO BE LOCATED MORE THAN 10m AWAY FROM CONNECTION POINT TO MAIN DRAINAGE SEWER. IF FURTHER CONTRACTOR TO CONSULT WITH THE ENGINEER.

OTHER SERVICES

1. WHERE THE CONTRACTOR IS WORKING ADJACENT TO LIVE WATERMAINS, HE MUST BE AWARE OF THE LOCATIONS OF ALL EXISTING SLUICE VALVES AND BE IN POSSESSION OF THE RELEVENT VALVE KEYS. THIS IS TO ALLOW WATER TO BE SHUT OFF IN THE EVENT OF DAMAGE TO THE MAINS. SUCH WORKS SHOULD NOT BE CARRIED OUT LATE IN THE AFTERNOON AS NO TIME WILL BE AVAILABLE TO SOURCE REPAIR MATERIALS IN THE EVENT OF A BREAKAGE.
2. ALL DUCTING, MINI PILLARS, MICRO PILLARS, CONNECTIONS ETC FOR FLASHING BEACONS TO BE IN ACCORDANCE WITH ESB STANDARDS AND CURRENT GOOD PRACTICE.
3. ALLOW FOR CONNECTING PROPOSED BEACONS TO CLOSEST SUITABLE SERVICES. ALL INSTALLATION WORKS INCLUDING MINIPILARS ETC ARE CARRIED OUT AT THE CONTRACTOR'S EXPENSE.
4. A MINIMUM DISTANCE OF 300mm FROM PROPOSED DUCTING TO EXISTING GAS OR WATERMAIN SERVICES IS TO BE MAINTAINED.

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COLOUR DRAWING

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Drawn By:	D Murphy
Date Issued:	2019-02-19
Issued By:	D Murphy

Rev	Amendment	By	Date
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PL0	RE-ISSUED FOR PART 8 PLANNING	TH	2019-10-21

Client: Comhairle Contae Thiobraid Árann, Tipperary County Council

Job: BOHER BURIAL GROUND
Title: CONSTRUCTION DETAILS - SHEET 3

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