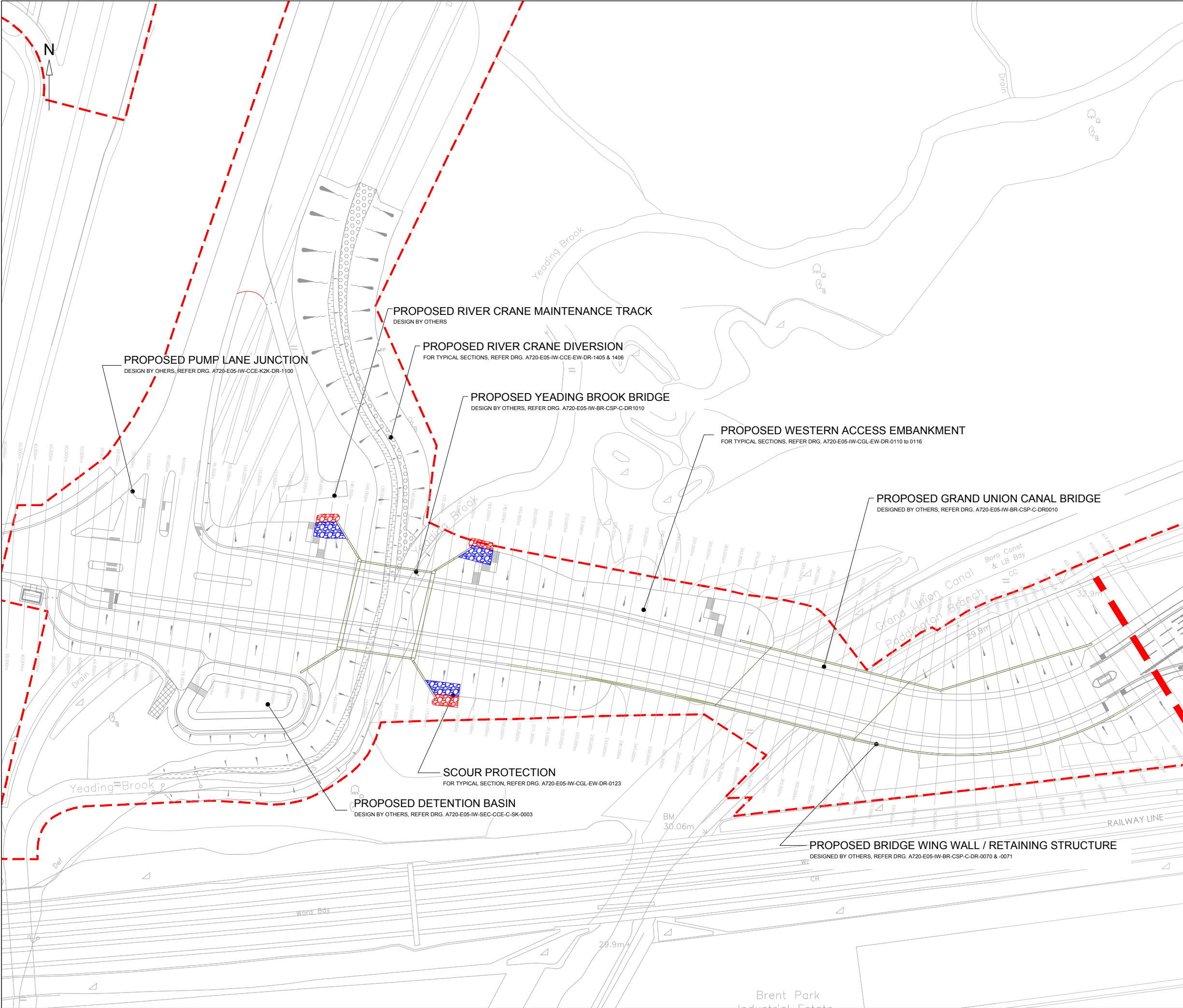


APPENDIX A

General Arrangement and Long Section



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:
CONSTRUCTION
UNKNOWN BURIED SERVICES - REFER TO SERVICE PLANS AND USE CABLE AVOIDANCE TOOL BEFORE DIGGING. HIGH PRESSURE GAS - EXTREME CAUTION WHERE WORKS IN VICINITY AND RELEVANT AUTHORITIES MUST BE INFORMED. WORKING NEAR WATER/FLOODING - LONE WORKING TO BE AVOIDED AND OVERWATER WORK TO BE UNDERTAKEN UNDER APPROPRIATE METHOD STATEMENT. UNEXPECTED CONTAMINATION - IF ENCOUNTERED, GEOENVIRONMENTAL SPECIALIST TO BE INFORMED AND WORKS STOPPED WITHIN IMMEDIATE VICINITY UNTIL A COURSE OF ACTION IS AGREED. TEMPORARY WORKS - ANY TEMPORARY WORKS REQUIRED TO FACILITATE CONSTRUCTION SHOULD BE DESIGNED BY A COMPETENT DESIGNER. CONFINED SPACE WORKING - DO NOT ENTER ANY CONFINED SPACE WITHOUT AN APPROPRIATE METHOD STATEMENT, PERMIT AND ALL NECESSARY EQUIPMENT.
MAINTENANCE
MULTIPLE BURIED SERVICES INCLUDING HIGH PRESSURE GAS - CONSULT SERVICE PLANS AND HOST UTILITY COMPANIES. USE CABLE AVOIDANCE TOOLS BEFORE DIGGING. UNEXPECTED CONTAMINATION - AS BUILT RECORDS TO BE CONSULTED PRIOR TO EXCAVATION. IF ENCOUNTERED, WORKS TO CEASE AND APPROPRIATE PROTECTION/MITIGATION TO BE ESTABLISHED. WORKING NEAR WATER - WORKS TO BE UNDERTAKEN UNDER APPROPRIATE METHOD STATEMENT. IF IN DOUBT- STOP WORK AND ASK.
DECOMMISSIONING/DEMOLITION
MULTIPLE BURIED SERVICES INCLUDING HIGH PRESSURE GAS - CONSULT SERVICE PLANS AND HOST UTILITY COMPANIES. USE CABLE AVOIDANCE TOOLS BEFORE DIGGING. UNEXPECTED CONTAMINATION - AS BUILT RECORDS TO BE CONSULTED PRIOR TO EXCAVATION. IF ENCOUNTERED, WORKS TO CEASE AND APPROPRIATE PROTECTION/MITIGATION TO BE ESTABLISHED. WORKING NEAR WATER - WORKS TO BE UNDERTAKEN UNDER APPROPRIATE METHOD STATEMENT. IF IN DOUBT- STOP WORK AND ASK.
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

Notes

- Do not scale from this drawing.
- All dimensions in mm unless otherwise stated.
- All works to be in accordance with the Manual of Contract Documents for Highway Works, Volume 1, Specification for Highway Works.
- This drawing is to be read in conjunction with the HD22/08 CGL Geotechnical Design Report (ref:A720-E05-IW-BR-CGL-EW-RP-TS-0001) and Series 600 Specification Appendices (ref:A720-E05-IW-BR-CGL-EW-SPC-0001).
- Fill material is to be placed in accordance with the specification for highway works series 600 and the works specification appendices for the scheme: App 1/5, 6/1, 6/2, 6/3, 6/5, 6/6, 6/7, 6/8, 6/9, 6/12, 6/14 & 6/15 (ref:A720-E05-IW-BR-CGL-EW-SPC-0001).
- Prior to backfilling, any soft or loose material (including topsoil/subsoil) beneath the footprint of any structural earthworks, structures or earthworks sub-formations/formations shall be removed and the excavation inspected by the engineer.
- Finished embankment profile shall be covered with a multipurpose topsoil in accordance with HED landscape topsoil plan (A720-E01-IW-HED-LS-DR-0004) and is to be installed by the Landscaping Contractor. Embankment subsoil is to be protected from weather in interim condition to prevent softening deterioration of surface soils and the requirements of Appendix 6/8 shall be followed.
- Capping shall consist of Classes 6F1, 6F2 or 6F5 material.
- Refer to Specification Appendix 6/3 for details of tie-in and benching required between new and existing fill/ground. Minimum benching gradient of 1V:1H. Existing sub-grade shall be proof-rolled before placement of construction materials.
- Bench falls to be constructed as minimum 1 in 300
- Side slopes shall be 1V:2.5H unless otherwise stated.
- Excavation restriction at the toe or any new or existing cuttings or embankments, shall be in accordance with the Appendix 6/3.
- Levels shown are based upon Create Consulting drawing series 0120 (ref: A720-E05-IW-SEC-CCE-HW-DR-0120-126). Formation is to be inspected at time of construction and level is subject to determination of competency of formation by Engineer.
- Class 1 granular fill, Class 2 cohesive fill or Class 9E lime and cement stabilised cohesive fill may be used for general fill areas, where noted.
- The following material classes may be used as general fill adjacent to selected fill to structures, where noted; Class 6N/6I, Class 1A, or Class 9E/F.
- Finished ground level to fall at minimum 1 in 50 from the embankment toe to direct water away from the base of the slope and prevent catchment run-off ponding at the toe.

C3

01/05/2018

TSB - revised based on updated drawings and client comments

C2

22/11/2017

minor amendments

C1

10/10/2017

Issued for Construction

Rev

Date

Comments



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Project

Western Access

Client

Clark Smith Partnership

Drawing title

Earthworks General Arrangement

Scale(s)

NTS

Job No.

CGN/03732F

Drawn

ARA

25/07/17

Dwg No.

A720-E05-IW-CGL-EW-DR-0100

Rev.

C3

Checked

BEJ

25/07/17

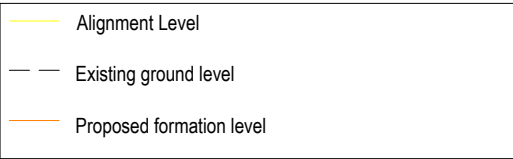
Approved

RNS

25/07/17

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Notes

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2. All dimensions in mm unless otherwise stated.
3. All works to be in accordance with the Manual of Contract Documents for Highway Works, Volume 1, Specification for Highway Works.
4. This drawing is to be read in conjunction with the HD22/08 CGL Geotechnical Design Report (ref:A720-E05-IW -BR-CGL-EW-RP-TS-0001) and Series 600 Specification Appendices (ref:A720-E05-IW-BR-CGL-EW-SPC-0001).
5. Fill material is to be placed in accordance with the specification for highway works series 600 and the works specification appendices for the scheme: App 1/5, 6/1, 6/2, 6/3, 6/5, 6/6, 6/7, 6/8, 6/9, 6/12, 6/14 & 6/15 (ref:A720-E05-IW-BR-CGL-EW-SPC-0001).
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Scale(s) NTS	Job No. CGN/03732F
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