TENDER RISKS:

1. SITE HAS BEEN CLASSED AS 'MEDIUM' RISK IN RELATION TO HISTORICAL UNEXPLODED ORDINANCE. CONTRACTOR TO ALLOW FOR UXO RISK MANAGEMENT PLAN, ON-SITE SUPPORT & MAGNETOMETER SURVEY IN PILE LOCATION.
2. GROUNDWATER RESTING LEVELS RECORDED BETWEEN 2.20m & 6.48m BGL. ALLOWANCE TO BE MADE FOR DEWATERING MEASURES.
3. EXISTING FOUNDATIONS / OBSTRUCTIONS. WHERE THESE SHOULD BE GRUBBED OUT PRIOR TO CONSTRUCTION.
4. LOOSE SANDS NOTED (REFER TO TRC SI REPORT). FOR EXCAVATIONS ALLOWANCE TO BE MADE FOR BATTERING BACK FACES TO A SAFE ANGLE OF REPOSE OR PROVIDE SHUTTERING.
5. REMNANTS OF DEEP BURIED STRUCTURES.

KING POST RETAINING WALL-1
- LENGTH: 8.0m
- RETAINED HEIGHT:0.6m
- TOW: 84.300

KING POST RETAINING WALL-2
- LENGTH:100.0m
- RETAINED HEIGHT:0.60m (Approx.)
- FROM WEST TO EAST
  a. L:10m, TOW:84.550m, BOW: 84.200m RET. HEIGHT: 0.20m TO 0.30m
  b. L:15m, TOW:84.800m, BOW: 84.200m RET. HEIGHT: 0.30m TO 0.60m
  c. L:25m, TOW:84.800m, BOW: 84.200m RET. HEIGHT: 0.60m TO 0.25m
  d. L:46.5m, TOW:84.800m, BOW: 84.620m TO 84.200m, RET. HEIGHT: 0.42m TO 0..20m
  e. L:3.5m, TOW: 85.050m, BOW: 84.350m RET. HEIGHT: 0.20m

PCC RETAINING WALL-8
- LENGTH: 12.0m
- RETAINED HEIGHT:0.45m (Max.)
- TOW:84.200,
- HEIGHT OF UNIT:1m

PCC RETAINING WALL-7
- LENGTH: 11.0m
- RETAINED HEIGHT:0.4m (Max.)
- TOW:84.550, HEIGHT OF UNIT:1m

PCC RETAINING WALL-6
- LENGTH: 33.5m
- RETAINED HEIGHT:1.2m TO 0.5m
- TOW: 84.650m
- TYPE: 1.5m PCC WALL UNITS

PCC RETAINING WALL-5
- LENGTH: 65.5m
- RETAINED HEIGHT: 1.1m(Max.)
- FROM WEST TO EAST
  a. L: 36.0m, TOW: 84.650m, RET. HEIGHT: 1.00m TO 0.70m, TYPE: 1.5m PCC WALL UNITS
  b. L: 29.5m, TOW: 84.650m, RET. HEIGHT: 0.70m TO 1.10m , TYPE: 2m PCC WALL UNITS

ALLOW FOR BREAKING OUT STRIP OF HARDSTANDING AND EXISTING CONCRETE SLOPE TO FACILITATE INSTALLATION OF RETENTION

PCC RETAINING WALL-4
- LENGTH: 37m
- RETAINED HEIGHT:1.6m (Max.)
- FROM WEST TO EAST
  a. L:37.0m, TOW:85.150m, RET. HEIGHT: 1.20m TO 0.60m TYPE: 1.5m PCC WALL UNITS

ALLOW FOR BREAKING OUT STRIP OF HARDSTANDING AND EXISTING CONCRETE SLOPE TO FACILITATE INSTALLATION OF RETENTION

GABIONS RETAINING WALL-3
- LENGTH: 29.0m
- RETAINED HEIGHT:1.50m (Max.)
- TOW:85.150m
- REFER TO ENVIRO MESH PROPOSAL

BOUNDARY TREATMENT

1:3 BATTER OR SLAB ON EDGE SUBJECT TO FURTHER SURVEY LEVELS BEYOND FENCE LINE

BREAK OUT AND REMOVE EXISTING SUBSTATION BASE

REFER TO A-SERIES DRAWINGS FOR OFFSITE HIGHWAY WORKS

UNIT 1 | UNIT 2 | UNIT 3 | UNIT 4 — SSL/FFL = 84.350

UNIT 9 | UNIT 8 | UNIT 7 | UNIT 6 — SSL/FFL = 84.700

UNIT 5 — SSL/FFL = 85.200

RETAINING WALL-2 | RETAINING WALL-5 | RETAINING WALL-4 | RETAINING WALL-3

EXISTING MH UNDER CCTV INVESTIGATION-APRIL 2024

EXISTING MH UNDER CCTV INVESTIGATION-APRIL 2024

W. 6ft MIN. RIGHT OF WAY TO BE MAINTAINED. PATH TO BE RESURFACED, LAND DRAIN AND TOPSOIL VERGE LAID.

EXISTING SS 6-6 G05

SS 83.400

Crabtree Lane

EXTERNAL WORKS

1. REFER TO CIVIL AND STRUCTURAL SPECIFICATION REPORT - PARTS D & Q.

RETENTION:

2. THE DRAWING ILLUSTRATES SUGGESTED METHODS FOR RETENTION. CONTRACTOR SHOULD SUBMIT PROPOSALS FOR SUGGESTED AND/OR ALTERNATIVE METHODS OR WHERE NO SUGGESTIONS HAVE BEEN MADE.
3. REFER TO SEPARATE DRAWING FOR PARAMETERS RELATING TO SUPPLIERS DESIGNING PRE-CAST 'L' SHAPED RETAINING WALL UNITS.
4. WHERE RETENTION IS TO BE INSTALLED ALONG THE SITE BOUNDARY THE CONTRACTOR MUST CONFIRM SETTING OUT OF THE BOUNDARY WITH THE ARCHITECT.
5. GUARDRAILS, FENCING AND VEHICLE BARRIERS SHOULD BE ALLOWED FOR AND COORDINATED WITH ARCHITECT.

EARTH SLOPES

6. ALLOW FOR A MINIMUM 0.5m FLAT VERGE BEFORE SLOPING UP OR DOWN FROM THE KERB EDGE.
7. FOR SLOPES STEEPER THAN 1:3 ALLOW FOR PINNING EROSION CONTROL MATTING TO FACE TO COMPLIMENT THE PLANTING SCHEME.

KERBS:

8. SETTING OUT OF THE EXTERNAL AREA IS THE RESPONSIBILITY OF THE ARCHITECT AND MUST BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT.
9. CONTRACTOR SHOULD INSTALL QUADRANTS ON EXTERNAL CORNERS OF RAISED KERBS WHERE POSSIBLE TO AVOID SHARP CORNERS.
10. ACCESS COVERS WITHIN BLOCK PAVING SHOULD BE RECESSED TO ALLOW CONTINUOUS LAYING OF BLOCKS.
11. CONTRACTOR TO NOTIFY ENGINEER WHERE THERE IS POTENTIAL FOR A RAISED KERB TO CREATE A FALL TOWARD THE BUILDING.

GENERALLY:

12. ALL WORKS INCLUDING EXCAVATIONS AND TEMPORARY WORKS MUST REMAIN WHOLLY WITHIN THE SITE.
13. EXCAVATIONS SHOULD NOT UNDERMINE NEIGHBOURING STRUCTURE OR PAVING. IF THE CONTRACTOR IS IN ANY DOUBT HE MUST NOTIFY THE DESIGN TEAM IMMEDIATELY.
14. EXCAVATIONS SHOULD BE KEPT FREE OF STANDING WATER DURING CONSTRUCTION. REFER TO THE SITE INVESTIGATION REPORT FOR GROUND WATER LEVELS ALTHOUGH NOTE THAT LEVELS ARE SEASONAL. ALLOW FOR SUMP AND PUMPING WHERE NECESSARY.
15. EVERY EFFORT HAS BEEN MADE TO ASCERTAIN TYPE, LOCATION AND DEPTH OF BURIED SERVICES AND/OR OBSTRUCTIONS. HOWEVER, THE CONTRACTOR IS ADVISED TO CARRY OUT OWN INVESTIGATIONS TO ENSURE THERE ARE NO CLASHES WITH THE PROPOSED WORKS.
16. CONTRACTOR IS RESPONSIBLE FOR PROTECTING RETAINED SERVICES AND MAKING CONTACT WITH OWNERS OF APPARATUS TO OBTAIN NECESSARY CONSENT FOR EXCAVATION, PROTECTION AND/OR DIVERTING. BURIED OBSTRUCTIONS ENCOUNTERED DURING EXCAVATION THAT CONFLICT WITH PROPOSED WORKS SHOULD BE BROKEN OUT AND REMOVED. RESIDUAL VOIDS TO BE BACKFILLED AND COMPACTED AS PER SPECIFICATION.

LEGEND

- SITE BOUNDARY
- EXISTING WALL

DRAINAGE:

- LINEAR DRAINAGE CHANNEL
- KERB DRAINAGE CHANNEL

KERBS:
ALSO REFER TO DETAILS

- HB1 KERB H125mm TO 200mm
- HB2 RAISED KERB H100mm TO 125mm
- BN DROPPED KERB H5mm
- CS FLUSH KERB H0mm
- EF EDGING KERB H0mm TO H10mm

RETENTION:

- PROPOSED KING POST RETAINING WALL
- PROPOSED PCC RETAINING WALL
- PROPOSED GABIONS RETAINING WALL

Rev.	Date	Description	Technician	Reviewer
C2	04.12.25	LEVELS LIFTED BY 100mm - ISSUED FOR PLANNING	AN	IL
C1	20.10.25	ISSUED FOR CONSTRUCTION	NM	IL
T3	15.05.25	UPDATED TO SUIT LATEST SITE LAYOUT	NM	IL
T2	20.09.24	UPDATED TO SUIT LATEST SITE LAYOUT	SH	IL
T1	26.04.24	TENDER ISSUE	SH	IL
P1	05.04.24	PRE TENDER REVIEW	SH	IL

I&L CONSULTING Ltd
projects@il-consultants.com

Project: CRABTREE LANE, CLAYTON

Drawing: LEVELS & EXTERNAL WORKS

Drawing Set	Drawing Status	Scale	Project Number	Drawing Number	Revision
GROUNDWORKS	CONSTRUCTION	1:250 @ A1	23-026-I&L	G02	C2