

RISK ASSESSMENT SUPPORTING RISKS THAT CANNOT BE DESIGNED OUT	LEVEL OF RISK	SUGGESTED ACTION
RISK	LOW	
DEEP EXCAVATIONS ASSOCIATED WITH NEW DRAINAGE WORKS	HIGH	ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SUPPORTS
HANDLING LARGE DIAMETER MANHOLE RINGS AND CIRCULAR PIPES	HIGH	USE CORRECT LIFTING EQUIPMENT AND ADEQUATE OPERATIVE BEARING CAPACITIES. INSPECTORIAL SIGNOFF REQUIRED FOR ALL LIFTING OPERATIONS
CONTACT WITH SEWAGE	MED	OPERATIVES TO USE CORRECT BREATHING EQUIPMENT/CORRECT PPE
NOISE	MED	OPERATIVES TO USE CORRECT EAR PROTECTION/CORRECT PPE
DRAINAGE EXCAVATIONS ADJACENT EXISTING BOUNDARY STRUCTURES	HIGH	ENSURE CORRECT SUPPORTS ARE PROVIDED TO TRENCHES AND EXISTING WALLS/REQUIRE
DRAINAGE EXCAVATION IN PUBLIC HIGHWAY	HIGH	ENSURE CORRECT USE OF TRENCH SUPPORTS IN EXCAVATION AND EXISTING ROADWAYS TO PROTECT PASSERS OF THE ROAD
MAINTAIN ACCESS TO ADJACENT PROPERTIES AND OCCUPERS	HIGH	ENSURE WORKING ARE PROTECTED WITH SUPPORTS AND SIGNS TO GUARD THE PUBLIC ROAD FROM THE WORKS
DRAINAGE EXCAVATIONS NEAR TO EXISTING SERVICES	HIGH	TO GUARD SERVICES IN THE PUBLIC ROAD FROM THE AREA
WORKING IN CONFINED SPACES, WORKING IN DRAINS AND MANHOLES	HIGH	CONFINED SPACE WORKERS TRAINED PERSONNEL ONLY TO CARRY OUT WORK. ADEQUATE VENTILATION TO MAINTAIN CO2 AND O2 LEVELS TO GUARANTEE WORKERS SAFETY. TO TAKE PLACE BEFORE ALL ENTRIES TO CONFINED SPACES
WORKING IN HIGHWAYS / RISKS FROM VEHICLE AND PLANT	HIGH	ALL WORKERS MUST BE TRAINED AND CERTIFIED FROM HSE/REGULAR TRAINING. ALL WORKERS TO WEAR HIGH VISIBILITY CLOTHING. ALL PLANT TO HAVE WIPERS AND ADEQUATE LIGHTING SYSTEMS
ROAD AND DRAINAGE CONSTRUCTION	HIGH	ALL EXCAVATIONS TO BE PROTECTED BY SIGN SUPPORTS. DURING CONSTRUCTION ALL OPERATIVES TO BE TRAINED IN CORRECT METHODS OF LIFTING AND LOWERING ACCORDING TO MANUFACTURERS
IT IS ASSUMED THAT WORKS ASSOCIATED WITH THIS DESIGN WILL BE UNDERTAKEN BY A PERSON OR PERSONS WHO ARE COMPETENT AND HAVE THE REQUIRED LEVEL OF EXPERIENCE AND EXPERTISE		

External Works Notes

- Fences located above walls shall abut the rear face of brickwork and be provided with independent concrete foundations. Posts must not be fixed to walls. Where close boarded or panel fencing is used above the standard wall types the scheme must be referred to the Structural Engineer to check the wall suitability.
- The layout will indicate the maximum retained height and applicable maximum wall type. The wall shall then step down in type and scale as determined on site and in accordance with the standard detail drawings.
- Where low points are indicated against buildings it is anticipated that the actual low point will be offset from the building line by a minimum of 150mm horizontally and 20mm vertically so as to provide a water check. Where practical, the use of channel drainage systems should be avoided and gullies used in preference. It is essential that the gullies used for a particular application area are adequate in number and scale for the application.
- The provision of external structures requires excavation work in trenches, and requires normal trench precautions to be undertaken.
- The provision of retaining walls may necessitate the undercutting of existing slopes and/or structures to effect the new wall construction. Specialist advice is required in these instances from an appropriately qualified Structural and Geotechnical Engineer to address the issues of structural stability.
- Materials and plant must not be stored on the high side of a slope and the area must be guarded to prevent falls from height.
- Adequate measures must be employed to provide slope stability or stability/shoring to existing structures. Particular attention should be paid to be weather proofing of any slopes that will be exposed for some time.
- Similar precautions are required when working in proximity to existing retained mature trees. Excavations may destabilise structural roots and should ideally be undertaken by hand to avoid overhead contact between plant and tree boughs.
- Method statements may be required by the planning supervisor demonstrating operative training and competence in these issues. Personal Protective Equipment must be worn at all times.

Key



Annotation of wall height, type and approximate extents.
Retention of some vehicular areas to a maximum of 300mm in either GED wall (GW) or concrete gravel board (CGB) as directed on site.

Indicative finished ground levels at the top and bottom of a retaining structure or alternatively at strategic points around footways, plots and gardens.

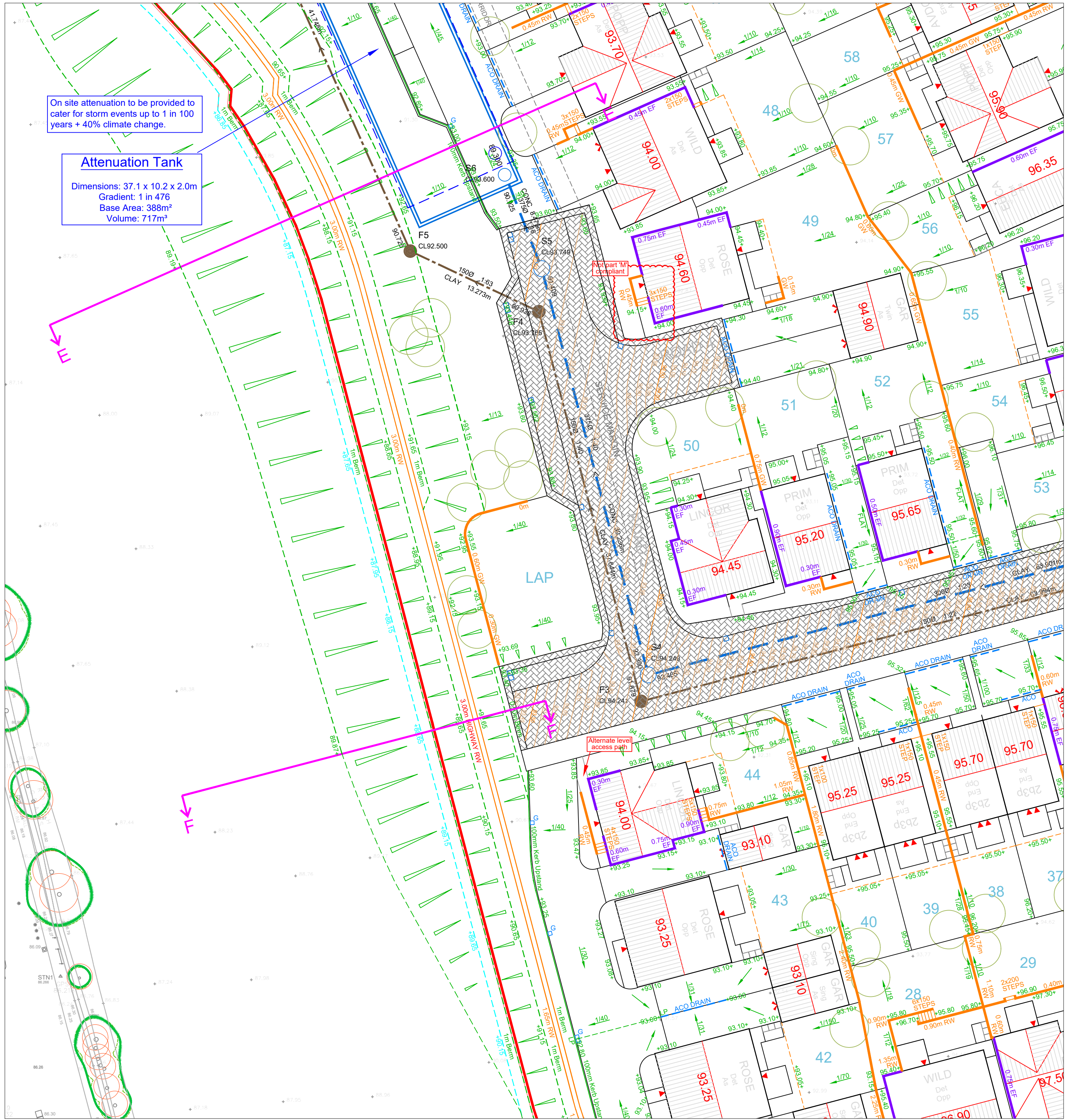
Indication of steps/ramps and access gradients commensurate with Part M of the Building Regulations where access is steeper than 1:20.

Maximum depth of facing brickwork in metres below the DPC, inclusive of the normal 2 courses below DPC.

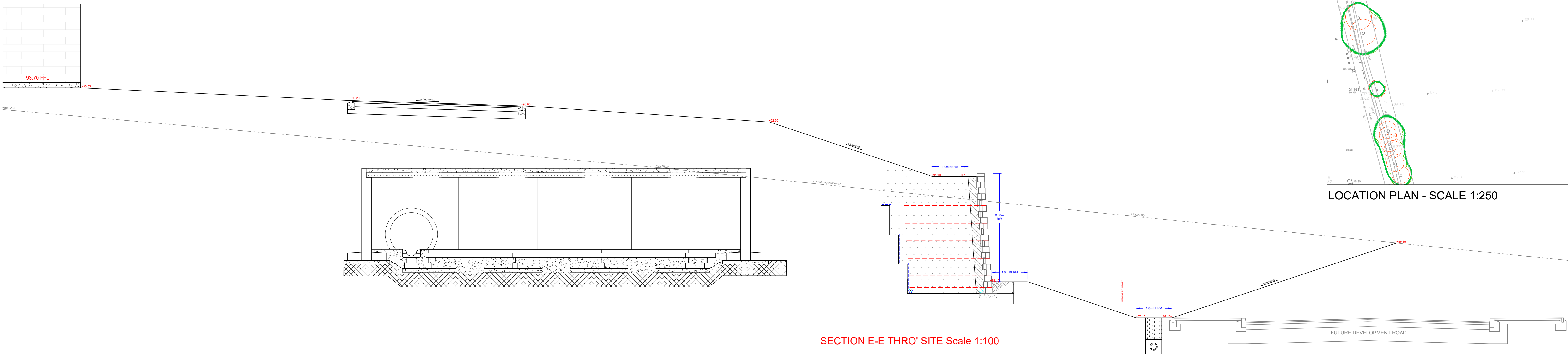
Split level FFL to indicated dimensions (450mm MIN).

Maximum height of tanking required to indicated dimension. TO BE AVOIDED WHERE POSSIBLE.

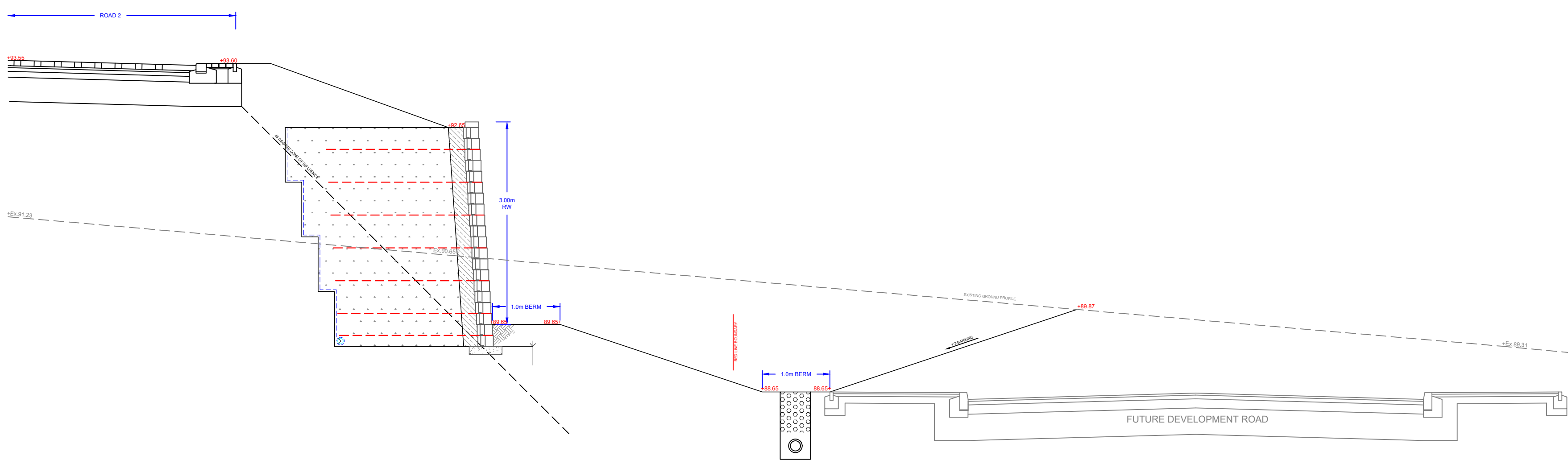
Levels to suit future development of neighboring land.



LOCATION PLAN - SCALE 1:250



SECTION E-E THRO' SITE Scale 1:100



SECTION F-F THRO' SITE Scale 1:100

A	Updated to suit latest planning layout/external works	29.01.25	OF
Rev	Description	Date	Initials

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Client
HOMES BY HONEY

Project
PENISTONE ROAD, FENAY BRIDGE

Detail
SITE SECTIONS - E-E TO F-F

Dt: OF
OF: JM
Date: DEC 2024
Scale: 1/50 @A0
Dwg No: E23/8060/043_02A