

RISK ASSESSMENT: SIGNIFICANT RISKS THAT CANNOT BE ELIMINATED OUT		
RISK	LEVEL OF RISK (MM)	SUGGESTED ACTION
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 ENSURE OPERATIVES WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND CORRECT PPE
CONTACT WITH SEWAGE	MED	OPERATIVES TO USE CORRECT PPE PROTECTING CORRECT PPE
NOISE	MED	ENSURE CORRECT SUPPORTS ARE PROVIDED TO TRENCHES AND BUILDINGS WHERE REQUIRED
DRAINAGE EXCAVATIONS ADJACENT EXISTING BOUNDARY STRUCTURES	HIGH	ENSURE CORRECT USE OF TRENCH SUPPORTS IN EXCAVATION AND ENSURE SUPPORTS TO PROTECT ADJACENT BUILDINGS
DRAINAGE EXCAVATION IN PUBLIC HIGHWAY	HIGH	PROVIDE ROAD AND PUBLICITY WITH BARRIERS AND SIGNS TO GUIDE THE PUBLIC AWAY FROM THE WORKS
MAINTAIN ACCESS TO ADJACENT PROPERTIES AND OCCUPANTS	HIGH	ENSURE WORKERS ARE PROTECTED FROM FALLING DEBRIS AND TOOLS
DRAINAGE EXCAVATIONS NEAR TV EXISTING SERVICES	HIGH	ENSURE MANHOLES IN THE ROAD ARE PROTECTED BY COLLARS AND BARRIERS TO PREVENT DAMAGE TO SERVICES
WORKING IN CONFINED SPACES: WORKING IN DRAINAGE AND MANHOLES	HIGH	CONFINED SPACES WORKING TRAINED PERSONNEL ONLY TO CARRY OUT WORK. ADEQUATE VENTILATION MUST BE PROVIDED BY COLLARS AND BARRIERS TO PREVENT DAMAGE TO SERVICES
WORKING IN HIGHWAYS: RISKS FROM VEHICLE AND PLANT	HIGH	ALL WORKERS TO WEAR HIGH VISIBILITY CLOTHING. ALL PLANT TO HAVE STRONG, MECHANICAL, WARNING SYSTEMS
ROAD AND DRAINAGE CONSTRUCTION	HIGH	ALL EXCAVATIONS TO BE PROTECTED BY COLLARS AND BARRIERS TO PREVENT DAMAGE TO SERVICES
IF 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		

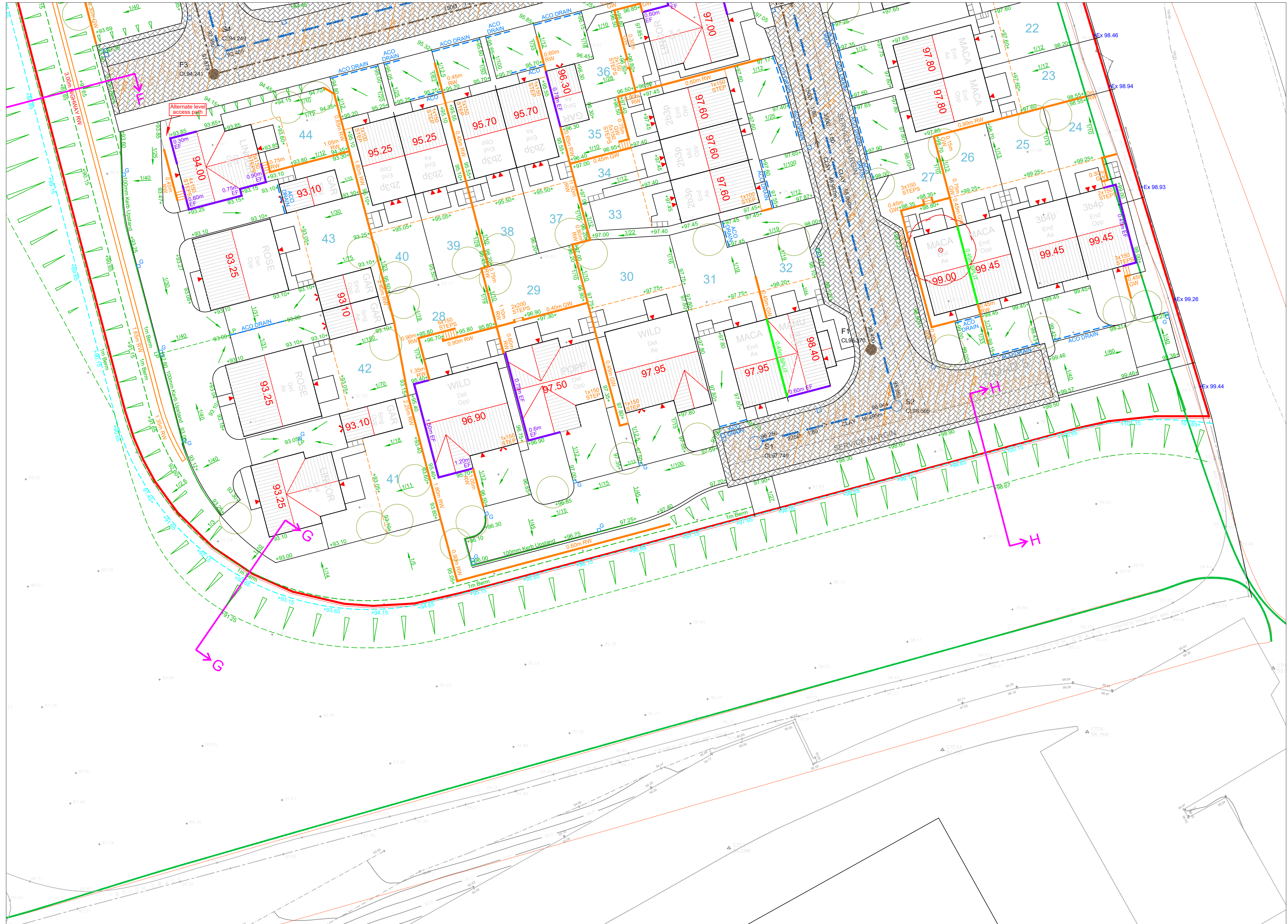
External Works Notes

- Fences located above walls shall about 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.

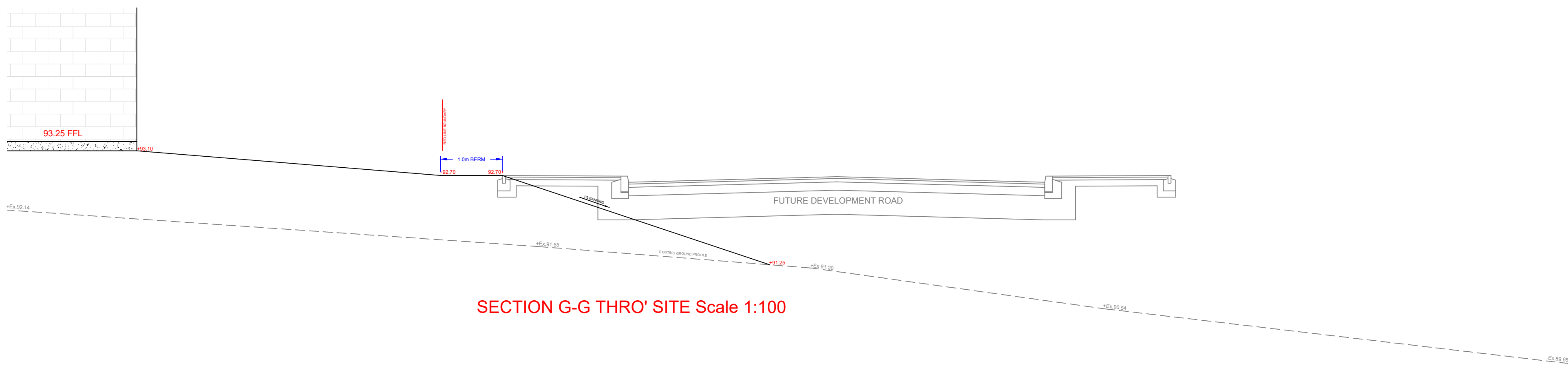
Key

- 0.30m GW/CGB
- 0.45m GW
- 0.60m GW
- 0.75m GW
- 0.90m GW
- 0.30m EF
- 0.45m SPLIT
- 0.60m TANK
- 0.75m TANK
- 0.90m TANK

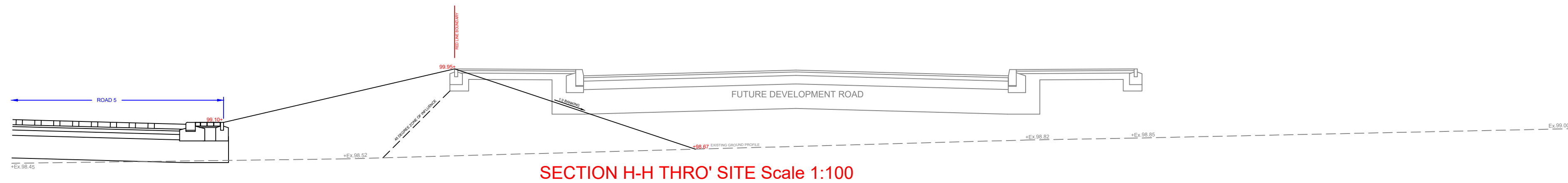
- Annotation of wall height, type and approximate extents.
- Retention of none vehicular areas to a maximum of 300mm in either GEO wall (GW) or concrete gravel board (CGB) as directed on site.
- Indicative finished ground levels at the top and bottom of a retaining structure or alternatively at strategic points around botways, gulls 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 dimensions. TO BE AVOIDED WHERE POSSIBLE.
- Levels to suit future development of neighboring land.



LOCATION PLAN - SCALE 1:250



SECTION G-G THRO' SITE Scale 1:100



SECTION H-H 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 - G-G TO H-H

Dt: OF
Cht: JM
Date: DEC 2024
Scale: 1/50 @A0
Dwg No: E23/8060/043_03A