

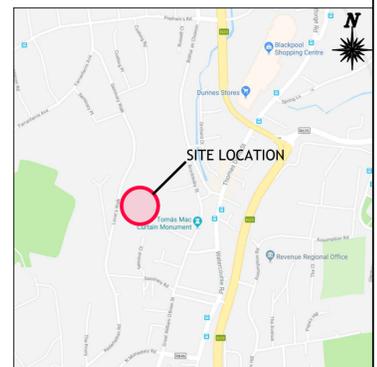
- GENERAL NOTES:**
- DO NOT SCALE. ALL DIMENSIONS ON DRAWINGS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. USE FIGURED DIMENSIONS ONLY.
 - ALL SETTING OUT DIMENSIONS TO BE CHECKED AGAINST ARCHITECTS DRAWINGS. ARCHITECTS DRAWINGS TO TAKE PRECEDENCE.
 - STRUCTURAL DRAWINGS TO BE READ IN CONJUNCTION WITH STRUCTURAL SPECIFICATIONS, ALL ARCHITECTS AND SERVICES DRAWINGS AND SPECIFICATIONS.
 - THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION.
 - THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING OF LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. BEFORE RELATED WORK COMMENCES THE CONTRACTOR SHALL SUBMIT A METHOD STATEMENT AND SEQUENCE OF WORK TO THE ENGINEER AND ARCHITECT FOR APPROVAL.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES IDENTIFIED SHOULD BE NOTIFIED IN WRITING TO BOTH THE ENGINEER AND ARCHITECT AS SOON AS POSSIBLE.
 - CONSTRUCTION MATERIALS SHALL BE WELL DISTRIBUTED, IF PLACED ON FRAMED FLOORS OR ROOF, IN SUCH A MANNER THAT THE STRUCTURE IS NOT OVERLOADED IN EITHER THE TEMPORARY OR PERMANENT CONDITION.
 - WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM. OTHER STANDARDS MAY ONLY BE CONSIDERED FOLLOWING PRIOR APPROVAL BY THE ENGINEER.
 - THE CONTRACTOR IS TO ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FROM ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SUBCONTRACTORS DRAWINGS PRIOR TO CONSTRUCTION. FOR CLARITY, ALL ROOF AND FLOOR OPENINGS MAY NOT BE SHOWN ON FRAMING PLANS. FOR EXACT SIZE, NUMBER AND LOCATION FOR OPENING, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS. WHERE OPENINGS ARE INDICATED ON THE STRUCTURAL DRAWINGS, THESE ARE TO BE CHECKED BY THE CONTRACTOR AGAINST RELEVANT SERVICE ENGINEERS OR SUBCONTRACTORS DRAWINGS PRIOR TO CONSTRUCTION.
 - OPTIONS WHERE INDICATED ARE FOR CONTRACTORS CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY IF HE CHOOSES AN OPTION AND HE SHALL COORDINATE ALL DETAILS.
 - ALL LEVELS ARE RELATED TO THE ORDINANCE DATUM (O.D.) - MALIN HEAD UNLESS NOTED OTHERWISE
 - FOR LOCATION AND DETAILS OF ELECTRICAL EARTHING OF STRUCTURE REFER TO ELECTRICAL ENGINEERS DRAWINGS AND DETAILS.
 - FOR FIRE PROOFING REQUIREMENTS REFER TO RELEVANT ARCHITECTS DRAWINGS.
 - THE CONTRACTOR SHALL NOTE, AND MAKE ALLOWANCES FOR, THE MEASURES NECESSARY TO COMPLY WITH THE WASTE MINIMISATION AND RECYCLING TARGETS SET OUT IN THE SPECIFICATION.
 - FOR DETAILS AND SETTING OUT OF RWP, SVP, WVP AND ALL OPENINGS REFER TO RELEVANT ARCHITECTS DRAWINGS.
 - FOR RADON BARRIER, D.P.C. & INSULATION DETAILS REFER TO ARCHITECTS DRAWINGS.
 - THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING ALL GROUND AND SURFACE WATER WITHIN THE SITE DURING THE CONSTRUCTION WORKS. AT NO POINT SHOULD ANY CONTAMINATED WATER FROM THE SITE BE DISCHARGED TO AN EXISTING DRAIN OR SEWER. REFER TO SITE INVESTIGATION REPORT FOR FURTHER INFORMATION ON GROUND WATER LEVELS.
 - ANY PROPRIETARY PRODUCTS REFERENCED ON THE DRAWINGS CAN BE SUBSTITUTED WITH EQUIVALENT ALTERNATIVES, FOLLOWING APPROVAL BY EITHER THE ENGINEER OR THE ARCHITECT.

- PROPRIETARY PRODUCT NAMES, MANUFACTURERS NAMES, SUPPLIERS NAMES, NATIONAL STANDARDS, WHERE A SPECIFICATION OR A DESCRIPTION OF A PRODUCT OR ELEMENT OF WORK INCLUDES A SPECIFIC MAKE OR SOURCE SUCH AS A PRODUCT NAME OR MANUFACTURERS NAME OR A SUPPLIERS NAME, OR A NATIONAL STANDARD, THE SPECIFICATION OR DESCRIPTION SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS "OR EQUIVALENT" NOTWITHSTANDING THAT THOSE EXACT WORDS MAY NOT IN FACT ACCOMPANY THE NAME OR STANDARD. THIS ALSO APPLIES WHERE THE NAME OR STANDARD IS ACCOMPANIED BY OTHER WORDS SUCH AS "AS OR EQUAL APPROVED" OR SUCHLIKE PHRASES
- VIBRATION AND NOISE MONITORS TO BE INSTALLED ON SITE AND ALSO ON ADJACENT BUILDINGS IN ACCORDANCE WITH ARCHITECTS SPECIFICATION, PUNCH SPECIFICATION, BS 7385, BS 5228 DMRB VOLUME 11 AND CIRIA TECHNICAL NOTE 142.

LEGEND

PROPOSED SITE BOUNDARY —

EXISTING BUILDING



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Drawn By: COLIN O'SULLIVAN

Date Issued: 2018-10-05

Issued By: COLIN O'SULLIVAN



Rev	Amendment	By	Date
PL0	ISSUED FOR PLANNING	COS	2019-12-12
PL1	LAYOUT REVISED	COS	2020-06-19

Client:

HG CONSTRUCTION

Job: **REDEMPTION ROAD, BLACKPOOL, CORK**

Title: **EXISTING SITE LAYOUT**

Stage: PLANNING

Scale @ A1: 1:250

Technician Check: TIM CROWLEY

Engineer Check: ALAN CASHMAN

Approved: CIAN MURPHY

Drawing No: 184-109-001

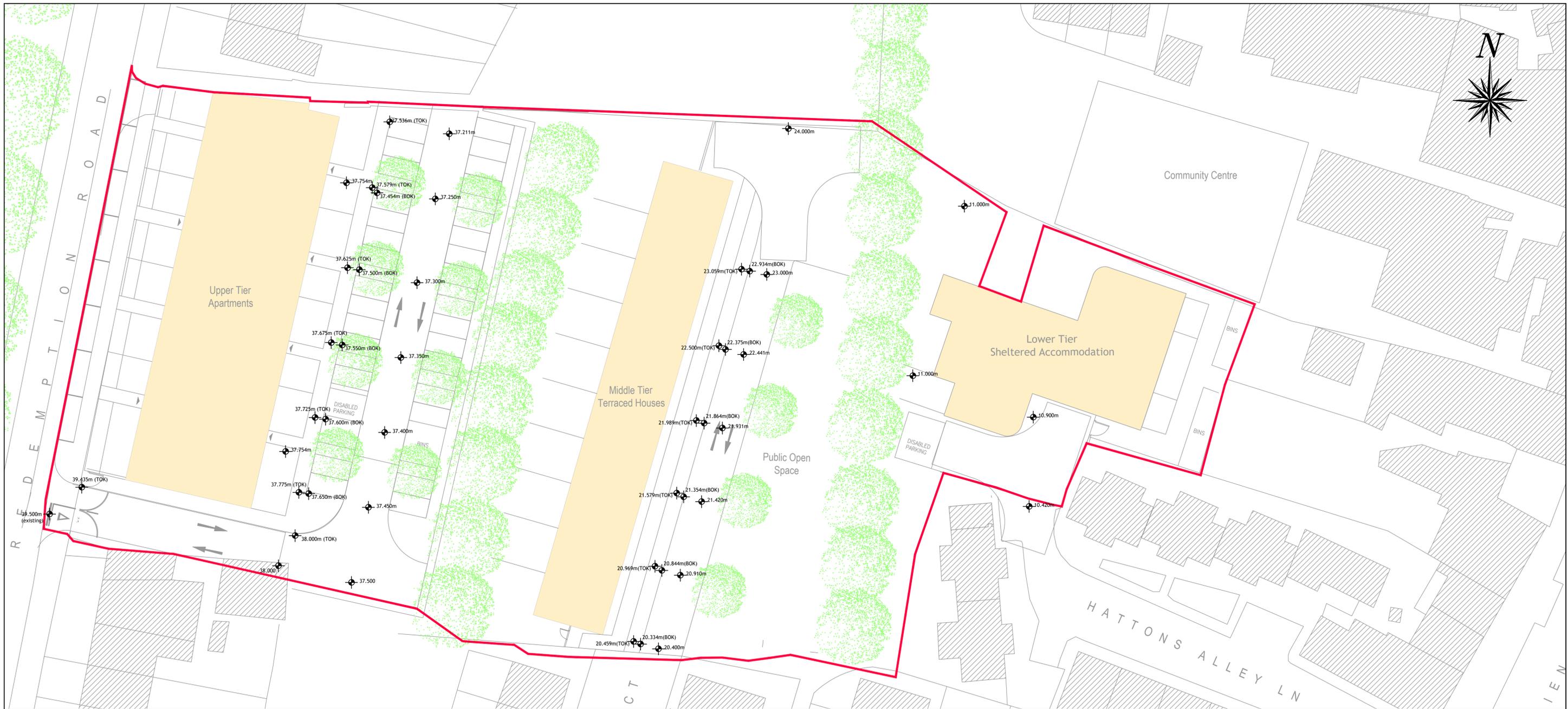
Rev: PL1

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LEGEND

- EXISTING BUILDINGS
- PROPOSED BUILDINGS
- PROPOSED SITE BOUNDARY
- PROPOSED SITE LEVELS 20.000M



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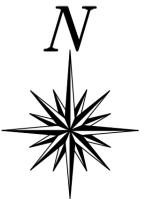
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PL1	LAYOUT REVISED	COS	2020-06-19

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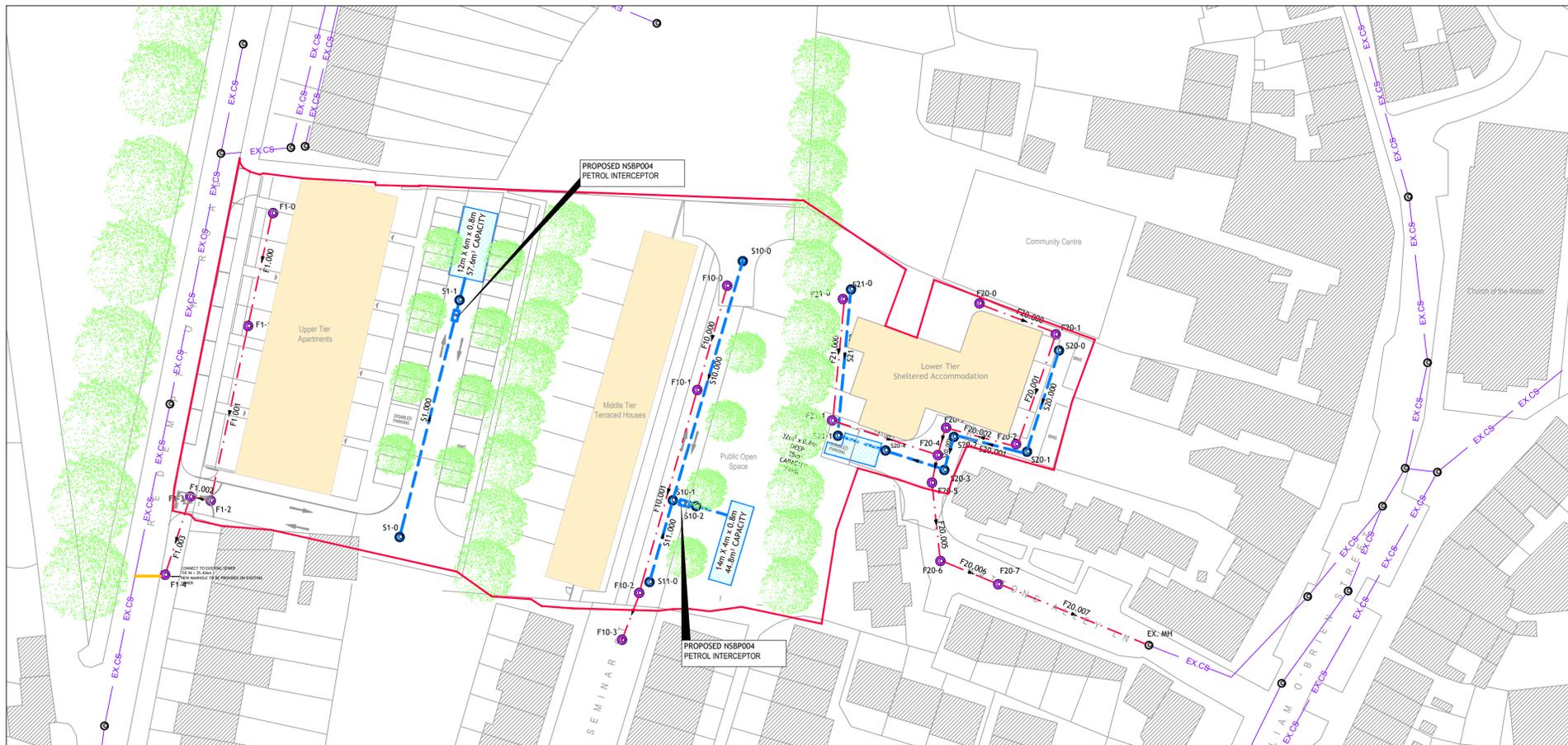
Job: REDEMPTION ROAD, BLACKPOOL, CORK
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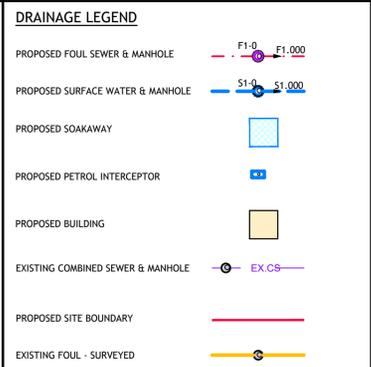
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 Scale @ A1: 1:250
 Technician Check: TIM CROWLEY
 Engineer Check: ALAN CASHMAN
 Approved: CIAN MURPHY
 Drawing No: 184-109-002
 Rev: PL1



IRISH WATER WASTEWATER DETAILS	
Drawing No.	Drawing Title
STD-WW-01	Waste water service connection responsibility
STD-WW-02	Typical layout for sewer within new developments
STD-WW-03	Drain & service connection pipework
STD-WW-04	Typical sewer / service pipe connection
STD-WW-05	Typical service layout indicating separation distances
STD-WW-06	Restrictions on trees/shrubs planting adjacent to sewers
STD-WW-07	Trench backfill & bedding
STD-WW-08	Concrete bed, haunch & surround to wastewater pipes
STD-WW-09	Blockwork manhole (<450mm dia.)
STD-WW-10	Pre-cast concrete manhole
STD-WW-11	In-situ concrete manhole
STD-WW-12	Backdrop manholes
STD-WW-13	Private side inspection chamber
STD-WW-14	Thrust blocks for rising mains
STD-WW-15	Scour valve chamber (foul rising main <200mm dia.)
STD-WW-16	Sluice valve details for rising mains ductile iron (D.I.) pipe (<200mm dia.) (sheet 1 of 2)
STD-WW-17	Sluice valve details for rising mains polyethylene (P.E.) pipe (<200mm dia.) (sheet 2 of 2)
STD-WW-18	Air valve chamber (foul rising main <200mm dia.)
STD-WW-19	Duct chamber
STD-WW-20	Emergency overflow structure
STD-WW-21	Typical ditch/stream crossing for gravity main (sheet 1 of 2)
STD-WW-22	Typical ditch/stream crossing for rising main (sheet 2 of 2)
STD-WW-23	Typical bridge crossing for rising main (sheet 1 of 2)
STD-WW-24	Typical bridge crossing for rising main (sheet 2 of 2)
STD-WW-25	Security gate & fencing
STD-WW-26	Indicative pumping station layout
STD-WW-27	Flow meter chamber (foul rising main <200mm dia.)
STD-WW-28	Indicative submersible pumping station
STD-WW-28A	Indicative pre-cast concrete submersible pumping station
STD-WW-29	Rising main discharge manhole
STD-WW-30	Kiosk type 1 pumping station & wet kiosk (sheet 1 of 2)
STD-WW-31	Kiosk type 2 + 3 pumping station & wet kiosk (sheet 2 of 2)
STD-WW-32	Hardstanding area pumping station (permeable & impermeable)
STD-WW-33	Lamp bollard & lamp standard
STD-WW-34	Vent stack

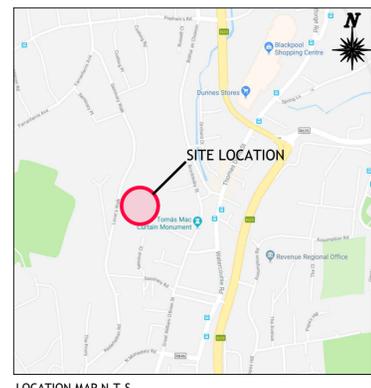


- DRAINAGE GENERAL:**
- CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT ALL DRAINAGE INFRASTRUCTURE TO ENSURE NO CLASHES OCCUR WITH SERVICE DUCTS, CHAMBERS ETC.
 - CARE SHOULD BE TAKEN BY THE CONTRACTOR WHEN HANDLING PIPES, PARTICULARLY WHEN UNLOADING AND STACKING, SO AS TO AVOID DAMAGING THEM.
 - ALL PIPE SEALS AND GASKETS SHOULD BE STORED INDOORS AWAY FROM DIRECT SUNLIGHT.
 - ALL SEWERS TO BE THERMOPLASTIC STRUCTURED WALL SEWER PIPE AND SHALL COMPLY WITH THE RELEVANT PROVISIONS OF WIS 4-35-01. (I.E. POLYSEWER BY POLYPIPE CIVILS OR EQUIVALENT APPROVED)
 - EXCAVATION SHOULD NOT BE CARRIED OUT TOO FAR IN ADVANCE OF PIPE INSTALLATION. ALL RELEVANT HEALTH & SAFETY REQUIREMENTS IN RESPECT OF EXCAVATION SHOULD BE OBSERVED BY THE CONTRACTOR DURING EXCAVATION WORKS.
 - MINIMUM COVER TO PIPES:
 - 1200mm ROADWAYS
 - 900mm OPEN SPACES & FOOTPATHS NOT ADJACENT TO ROADS
 - 600mm GARDENS
 - THE CONTRACTOR SHOULD PLAN HIS WORK FOR CHAMBERS AND MANHOLES SO AS TO MINIMISE AS MUCH AS POSSIBLE WORKING REQUIRED IN CONFINED SPACES.
 - JOINT LUBRICANTS FOR SLIDING JOINTS SHALL HAVE NO DELETERIOUS EFFECT ON EITHER THE JOINT RINGS OR PIPES AND SHALL BE UNAFFECTED BY SEWAGE.
 - ALL ABANDONED SEWER PIPES TO BE FILLED WITH C12/15 CONCRETE. ABANDONED MANHOLES TO BE BROKEN OUT IF POSSIBLE. OTHERWISE THEY SHOULD BE FILLED WITH C12/15 CONCRETE.
 - THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE RELEVANT SERVICE PROVIDERS IN ADVANCE OF ANY PLANNED EXCAVATION WORKS TO VERIFY THE LOCATION, DEPTH AND NATURE OF ANY UNDERGROUND SERVICES.
 - ROCKER PIPES:**
 - ROCKER PIPES SHOULD BE PROVIDED AT ALL LOCATIONS WHERE:
 - A PIPE ENTERS OR LEAVES A MANHOLE, PUMPING STATION OR OTHER RIGID STRUCTURE.
 - A PIPE ENTERS OR LEAVES A CONCRETE ENCASUREMENT.
 - ANY LOCATION AS DIRECTED BY THE ENGINEER.
 - ROCKER PIPE JOINT TO BE LOCATED NO MORE THAN 150mm FROM THE OUTSIDE FACE OF THE STRUCTURE TO WHICH THE PIPEWORK IS SERVING. THE EFFECTIVE LENGTH OF THE ROCKER PIPE SHOULD BE:
 - PIPE DIAMETER 150mm TO 600mm: 0.60m
 - PIPE DIAMETER 600mm TO 750mm: 1.00m
 - PIPE DIAMETER GREATER THAN 750mm: 1.25m
 - ALL ROCKER PIPES ARE TO BE FORMED BY CUTTING AND TRIMMING A LENGTH OF SPIGOT & SOCKET PIPE TO FORM A SPIGOT AT THE CUT END, THEREBY FORMING SPIGOT & SOCKET JOINTS AT BOTH ENDS OF THE ROCKER PIPE.
 - PIPEWORK AND BENCHING TO A SINGLE MANHOLE CHAMBER SHOULD BE COMPLETED AND THE ENGINEER INVITED TO INSPECT SAME BEFORE ALL REMAINING CHAMBERS ARE COMPLETED.
 - ONLY PROPRIETARY CONNECTION PIECES TO BE USED FOR MAKING CONNECTIONS TO SEWERS.
 - WHEN INSTALLING FLEXIBLE PIPES (SINGLE/TWIN WALLED PVC OR SIMILAR) PARTICULAR CARE SHOULD BE TAKEN BY THE CONTRACTOR TO ENSURE THE PIPES ARE WELL BEDDED AND SURROUNDED IN GOOD QUALITY GRANULAR MATERIAL IN ACCORDANCE WITH THE SPECIFICATION.
 - THE CONTRACTOR MUST TAKE GREAT CARE WHEN COMPACTING MATERIAL OVER DRAINAGE PIPES SO AS NOT TO DISLODGE THEM FROM THEIR CORRECT LINE AND LEVEL.
 - TYPE E BEDDING TO BE USED WHERE MINIMUM COVER OR GREATER IS PROVIDED TO FLEXIBLE PIPES.
 - FOR PIPES IN ROADWAYS WHERE COVER IS LESS THAN 1200mm BUT GREATER THAN 800mm TYPE G BEDDING TO BE USED.
 - FOR PIPES IN ROADWAYS WHERE COVER IS LESS THAN 800mm TYPE X BEDDING TO BE USED.
 - FOR PIPES IN OPEN SPACES, FOOTPATHS NOT ADJACENT TO ROADS AND GARDENS WHERE MINIMUM COVER OR GREATER IS NOT ACHIEVED, TYPE G BEDDING TO BE USED.
 - ALL MANHOLES TO BE CONSTRUCTED WITH PRECAST CONCRETE RINGS IN ACCORDANCE WITH RELEVANT ENGINEERS DETAILS DRAWING.
 - PROPRIETARY CONNECTIONS TO BE USED THROUGHOUT.
 - ALL JOINTS TO BE WATERTIGHT TO CL 504 SUB CLAUSE 3 OF THE NRA SPECIFICATION FOR ROADWAYS.
 - MANHOLES WITHIN PAVING TO BE D400 AND RECESSED TO RECEIVE PAVIORS.
 - MANHOLES IN TARMACADAM/GRASSED AREAS TO BE NON ROCK D400 LOCKABLE MANHOLES.
 - TRENCHES IN EXISTING SURFACES TO BE SAW CUT.
 - IF CONSTRUCTING MANHOLE CHAMBERS USING PRECAST CONCRETE RINGS, THE CONTRACTOR SHOULD ENSURE THAT THE JOINTS IN THE PRECAST CONCRETE RINGS ARE STAGGERED WITH THE JOINTS IN THE CONCRETE SURROUND TO REDUCE THE POSSIBILITY OF GROUND WATER INGRESS.
 - WHERE A CONNECTION IS REQUIRED TO AN EXISTING PUBLIC SEWER SYSTEM, THE CONTRACTOR MUST MAKE A FORMAL APPLICATION TO THE LOCAL AUTHORITY TO DO SO.
 - A DETAILED METHOD STATEMENT MUST BE SUBMITTED TO THE LOCAL AUTHORITY FOR APPROVAL AT LEAST FOUR WEEKS IN ADVANCE OF THE PLANNED CONSTRUCTION WORKS.
 - WHERE NEW DRAINAGE INFRASTRUCTURE IS TO CROSS AN EXISTING ROAD, THE CONTRACTOR IS REQUIRED TO:
 - CONTACT THE RELEVANT AUTHORITIES WELL IN ADVANCE OF THE PLANNED WORKS.
 - MAKE AN APPLICATION AND PAY FOR A ROAD OPENING LICENCE IF APPLICABLE.
 - MAKE GOOD THE EXISTING ROAD TO THE SATISFACTION OF THE ENGINEER & THE RELEVANT AUTHORITIES ON COMPLETION OF THE WORKS.
 - THE CONTRACTOR IS ADVISED TO COMPLETE AIR TESTING ON A DAILY BASIS DURING THE COURSE OF THE WORKS TO ENSURE ISOLATION OF ANY FAILED TESTS.
 - THE COMPLETE DRAINAGE WORKS SHOULD BE PROTECTED, WHERE NECESSARY, FROM LOADS IMPOSED BY CONSTRUCTION PLANT DURING CONSTRUCTION.
 - ON COMPLETION OF THE WORKS, THE CONTRACTOR MUST ENSURE ALL INTERNAL SURFACES OF THE NEW SEWERS ARE THOROUGHLY CLEANED TO REMOVE ALL DELETERIOUS MATERIAL. THIS MATERIAL MUST BE PREVENTED FROM ENTERING THE PUBLIC SEWER SYSTEM.
 - A CCTV SURVEY OF THE COMPLETED UNDERGROUND DRAINAGE NETWORK SHOULD BE CARRIED OUT BY THE CONTRACTOR ON COMPLETION OF THE WORKS. IT IS RECOMMENDED THAT THIS EXERCISE IS COMPLETED BEFORE FINAL SURFACE COURSES AND FINISHES ARE APPLIED IN CASE ANY REMEDIAL WORKS ARE REQUIRED TO THE DRAINAGE.



PN	USMH Name	Length (m)	Fall (m)	Slope (1:X)	USCL (m)	USIL (m)	DSL (m)	Dia (mm)
F1.000	F1-0	20.850	0.347	60.1	38.000	37.311	36.964	150
F1.001	F1-1	31.004	0.207	149.8	38.000	36.964	36.757	225
F1.002	F1-2	3.429	0.023	149.1	39.200	36.757	36.734	225
F1.003	F1-3	14.057	0.094	149.5	39.400	36.734	36.640	225
F10.000	F10-0	18.597	0.310	60.0	21.600	20.223	19.913	150
F10.001	F10-1	36.182	0.058	60.0	21.283	19.913	19.310	150
F10.002	F10-2	8.629	0.058	150.0	20.400	19.910	19.252	150
F20.000	F20-0	11.673	0.292	40.0	10.900	9.950	9.658	150
F20.001	F20-1	19.670	0.492	40.0	10.900	9.658	9.166	150
F20.002	F20-2	12.602	0.316	39.9	10.900	9.166	8.850	150
F20.003	F20-3	4.998	0.106	46.2	10.900	8.850	8.744	150
F21.001	F21-0	20.638	0.451	46.2	11.000	10.050	9.599	150
F21.001	F21-1	19.125	0.855	22.4	11.000	9.599	8.744	150
F20.004	F20-4	4.825	0.126	38.3	10.900	8.744	8.618	225
F20.005	F20-5	14.594	0.365	40.0	10.420	8.618	8.253	225
F20.006	F20-6	9.999	0.250	40.0	10.340	8.253	8.003	225
F20.007	F20-7	28.102	0.852	33.0	9.660	8.003	7.151	225

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S1.001	S1-0	41.895	0.898	60.0	37.500	36.000	35.302	225
S10.000	S10-0	42.720	2.136	20.0	21.600	20.575	18.439	225
S11.000	S11-0	14.560	0.588	24.8	20.400	19.375	17.856	225
S10.001	S10-1	4.123	0.016	257.7	20.983	17.856	17.840	225
S20.000	S20-0	18.688	0.311	60.0	10.900	9.875	9.564	225
S20.001	S20-1	12.842	0.214	60.0	10.900	9.564	9.350	225
S20.002	S20-2	5.197	0.087	60.0	10.900	9.350	9.263	225
S20.003	S20-3	10.652	0.178	60.0	10.900	9.263	9.085	225
S21.000	S21-0	24.461	0.163	150.0	11.000	9.975	9.812	225
S21.001	S21-1	8.545	0.037	230.9	11.000	9.812	9.775	225
S20.004	S20-4	3.846	0.064	60.0	10.900	9.085	9.021	225



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PL1	LAYOUT REVISED	COS 2020-06-19
PL2	LAYOUT REVISED	COS 2020-06-24

Client: **HG CONSTRUCTION**

Job: **REDEMPTION ROAD, BLACKPOOL, CORK**
 Title: **PROPOSED DRAINAGE LAYOUT**

Stage: PLANNING
 Scale @ A1: 1:500
 Technician Check: TIM CROWLEY
 Engineer Check: ALAN CASHMAN
 Approved: CLIAN MURPHY
 Drawing No: 184-109-003
 Rev: PL2

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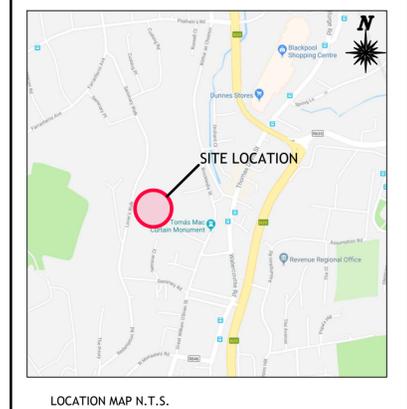
IRISH WATER WATERMAIN DETAILS	
Drawing No.	Drawing Title
STD-W-01	STD-WW-01 Waste water service connection responsibility
STD-W-02	Typical layout for water mains within developments
STD-W-03	Customer connection & boundary box
STD-W-04	General pipe connections (sheet 1 of 7)
STD-W-05	General pipe connections (sheet 2 of 7)
STD-W-06	General pipe connections (sheet 3 of 7)
STD-W-07	General pipe connections (sheet 4 of 7)
STD-W-08	General pipe connections (sheet 5 of 7)
STD-W-09	General pipe connections (sheet 6 of 7)
STD-W-10	General pipe connections (sheet 7 of 7)
STD-W-11	Typical service layout indicating separation distances
STD-W-12	Restrictions on trees / shrubs planting adjacent to watermains
STD-W-13	Trench backfill & bedding
STD-W-14	Sluice valve for ductile iron (D.I.) pipe (<350mm dia.) (sheet 1 of 2)
STD-W-15	Sluice valve for polyethylene (P.E.) pipe (<350mm dia.) (sheet 2 of 2)
STD-W-16	On-line hydrant for ductile iron (D.I.) pipe (sheet 1 of 4)
STD-W-17	Off-line hydrant for ductile iron (D.I.) pipe (sheet 2 of 4)
STD-W-18	On-line hydrant for polyethylene (P.E.) pipe (sheet 3 of 4)
STD-W-19	Off-line hydrant for polyethylene (P.E.) pipe (sheet 4 of 4)
STD-W-20	On-line air valve for ductile iron (D.I.) pipe (sheet 1 of 4)
STD-W-21	Off-line air valve for ductile iron (D.I.) pipe (sheet 2 of 4)
STD-W-22	On-line air valve for polyethylene (P.E.) pipe (sheet 3 of 4)
STD-W-23	Off-line air valve for polyethylene (P.E.) pipe (sheet 4 of 4)
STD-W-24	Pressure reducing / sustaining valve (P.R.V. / P.S.V.) chamber
STD-W-25	Booster pump station arrangement
STD-W-26	Meter chamber (≤300mm dia.)
STD-W-27	Marker posts / plates
STD-W-28	Water main thrust & support blocks
STD-W-29	Duct chamber
STD-W-30	Scour chamber & head wall arrangements
STD-W-30A	Washout hydrant
STD-W-31	Typical ditch / stream crossing for water main
STD-W-32	Typical bridge crossing for water main (sheet 1 of 2)
STD-W-33	Typical bridge crossing for water main (sheet 2 of 2)
STD-W-34	Security gate & fencing
STD-W-35	Pipe repair to existing mains
STD-W-36	Telemetry and wet kiosk
STD-W-37	Lamp bollard & lamp standard



- WATERMAIN:**
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS & MANUFACTURERS DRAWINGS & SPECIFICATIONS.
 - ALL PIPE DIAMETERS ARE NOMINAL.
 - WHERE CONNECTION IS REQUIRED TO AN EXISTING PUBLIC WATERMAIN, THE CONTRACTOR MUST ISSUE DETAILED DOCUMENTATION FOR APPROVAL TO THE RELEVANT LOCAL AUTHORITY AND IRISH WATER. THIS DOCUMENTATION MUST BE ISSUED AT LEAST 40 WORKING DAYS IN ADVANCE OF THE PLANNED WORKS OR AS AGREED WITH THE LOCAL AUTHORITY AND IRISH WATER.
 - ALL THRUST BLOCKS MUST BE CAST AGAINST UNDISTURBED GROUND. FLEXIBLE PIPES SHOULD BE WRAPPED IN ONE LAYER OF 1000 GAUGE POLYTHENE TO AVOID DIRECT CONTACT WITH THE CONCRETE. MARKER POSTS AND PLATES TO BE PROVIDED FOR ALL VALVES, METERS AND HYDRANTS.
 - CHLORINATION AND BACTERIOLOGICAL TESTS TO BE UNDERTAKEN BY EXTERNAL TESTER AND TEST CERTIFICATION TO BE SUBMITTED TO ENGINEER.
 - MARKER POSTS AND PLATES TO BE PROVIDED FOR ALL VALVES.
 - IN ADVANCE OF TESTING OF THE WATERMANS, THE CONTRACTOR MUST PRESENT TO THE ENGINEER A CALIBRATION CERTIFICATE FOR THE APPARATUS TO BE USED IN THE TEST.
 - ALL DETAILS TO BE AGREED WITH LOCAL AUTHORITY
 - ALL EXISTING WATERMANS TO BE ADEQUATELY PROTECTED. ANY WATERMANS DAMAGED DURING THE COURSE OF CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT THEIR COST.
 - COVERS OF ALL HYDRANT CHAMBERS TO BE PAINTED YELLOW
 - ALL ROCKER PIPES SHALL BE NO MORE THAN 150mm FROM THEIR ASSOCIATED CHAMBER
 - WHERE PIPE RUN IS LOCATED ADJACENT TO FOUNDATION AND IS AT A LEVEL BELOW UNDERSIDE OF THE FOUNDATION, PIPE TRENCH TO BE BACKFILLED TO FORMATION LEVEL WITH CLASS 15/20 CONCRETE.
 - PROVIDE ANCHOR/THRUST BLOCKS ON ALL BENDS EQUAL TO OR IN EXCESS OF 22.5°, DEAD ENDS AND TEES ON ALL PIPES
 - TRENCHES IN EXISTING SURFACES TO BE SAW CUT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT WATERMANS & SLUICE VALVES TO ENSURE NO CLASHES WITH SERVICE DUCTS OR PIPES.
 - METERS FOR APARTMENTS OR SIMILAR PROPERTIES WILL BE INSTALLED INTERNALLY WITHIN THE PREMISES IN ACCORDANCE WITH THE BUILDING CONTROLS AUTHORITY REQUIREMENTS AND SUBJECT TO REVIEW BY IRISH WATER
 - WHERE BOOSTER PUMP IS TO BE PROVIDED, ISOLATION DEVICE SHALL BE PROVIDED USING A CONNECTION VIA AN UNRESTRICTED AIR-GAP DEVICE (AA TYPE DEVICE IS EN 1717) TO PREVENT BACKFLOW FROM THE INTERNAL WATER DISTRIBUTION SYSTEM TO IRISH WATER'S NETWORK TO PREVENT THE RISK OF BACKFLOW CONTAMINATION.
 - LOOPS SHALL HAVE A MINIMUM OF 4 CONNECTED PROPERTIES

LEGEND

EXISTING IW WATERMAIN (DETAILS & LOCATION TBC)	WM
PROPOSED WATERMAIN (125mm OD PE100 SDR11 PIPE)	WM
PROPOSED PROPERTY BOUNDARY BOX	BB
PROPOSED FIRE HYDRANT	H
PROPOSED SLUICE VALVE	SV
PROPOSED AIR VALVE	AV
PROPOSED WATERMETER	WM
PROPOSED SCOUR VALVE	ScV
EXISTING HYDRANT	Fi
EXISTING SLUICE VALVE	SV
EXISTING METER	M
PROPOSED SITE BOUNDARY	---



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Drawn By:	COLIN O'SULLIVAN
Date Issued:	2018-10-05
Issued By:	COLIN O'SULLIVAN



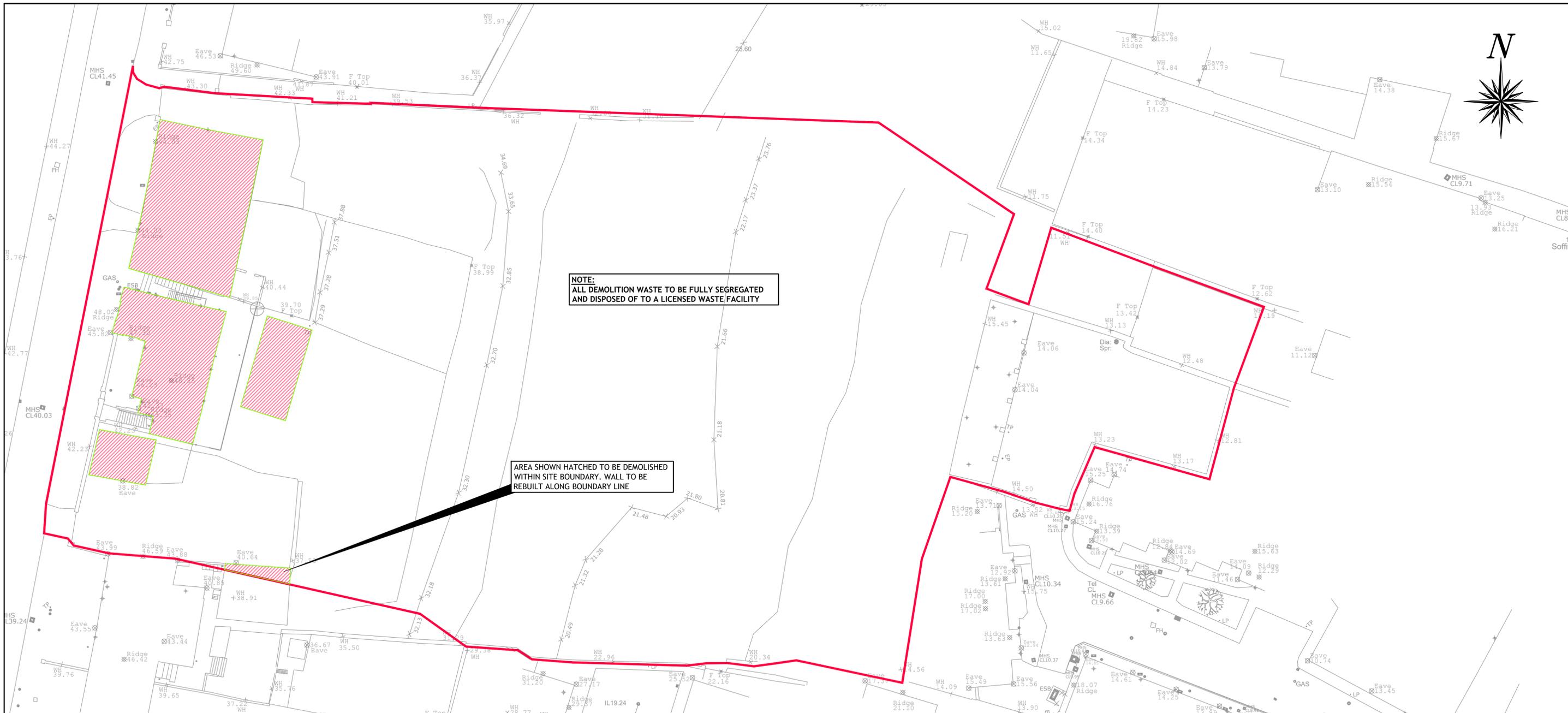
Rev	Amendment	By	Date
PL0	ISSUED FOR PLANNING	COS	2019-12-12
PL1	LAYOUT REVISED	COS	2020-06-19
PL2	LAYOUT REVISED	COS	2020-06-24

Client:
HG CONSTRUCTION

Job: **REDEMPTION ROAD, BLACKPOOL, CORK**
Title: **PROPOSED WATERMAIN LAYOUT**

Stage: PLANNING
Scale @ A1: 1:500
Technician Check: T.M. CROWLEY
Engineer Check: ALAN CASHMAN
Approved: CIAN MURPHY
Drawing No: 184-109-004
Rev: PL2

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NOTE:
ALL DEMOLITION WASTE TO BE FULLY SEGREGATED
AND DISPOSED OF TO A LICENSED WASTE FACILITY

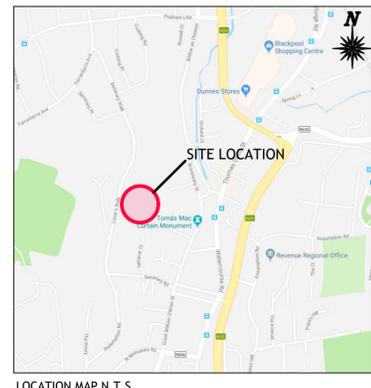
AREA SHOWN HATCHED TO BE DEMOLISHED
WITHIN SITE BOUNDARY. WALL TO BE
REBUILT ALONG BOUNDARY LINE

- GENERAL NOTES:**
- DO NOT SCALE. ALL DIMENSIONS ON DRAWINGS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. USE FIGURED DIMENSIONS ONLY.
 - ALL SETTING OUT DIMENSIONS TO BE CHECKED AGAINST ARCHITECTS DRAWINGS. ARCHITECTS DRAWINGS TO TAKE PRECEDENCE.
 - STRUCTURAL DRAWINGS TO BE READ IN CONJUNCTION WITH STRUCTURAL SPECIFICATIONS, ALL ARCHITECTS AND SERVICES DRAWINGS AND SPECIFICATIONS.
 - THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION.
 - THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING OR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. BEFORE RELATED WORK COMMENCES THE CONTRACTOR SHALL SUBMIT A METHOD STATEMENT AND SEQUENCE OF WORK TO THE ENGINEER AND ARCHITECT FOR APPROVAL.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES IDENTIFIED SHOULD BE NOTIFIED IN WRITING TO BOTH THE ENGINEER AND ARCHITECT AS SOON AS POSSIBLE.
 - CONSTRUCTION MATERIALS SHALL BE WELL DISTRIBUTED, IF PLACED ON FRAMED FLOORS OR ROOF, IN SUCH A MANNER THAT THE STRUCTURE IS NOT OVERLOADED IN EITHER THE TEMPORARY OR PERMANENT CONDITION.
 - WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM. OTHER STANDARDS MAY ONLY BE CONSIDERED FOLLOWING PRIOR APPROVAL BY THE ENGINEER.
 - THE CONTRACTOR IS TO ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FROM ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SUBCONTRACTORS DRAWINGS PRIOR TO CONSTRUCTION. FOR CLARITY, ALL ROOF AND FLOOR OPENINGS MAY NOT BE SHOWN ON FRAMING PLANS. FOR EXACT SIZE, NUMBER AND LOCATION FOR OPENING, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS. WHERE OPENINGS ARE INDICATED ON THE STRUCTURAL DRAWINGS, THESE ARE TO BE CHECKED BY THE CONTRACTOR AGAINST RELEVANT SERVICE ENGINEERS OR SUBCONTRACTORS DRAWINGS PRIOR TO CONSTRUCTION.
 - OPTIONS WHERE INDICATED ARE FOR CONTRACTORS CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY IF HE CHOOSES AN OPTION AND HE SHALL COORDINATE ALL DETAILS.
 - ALL LEVELS ARE RELATED TO THE ORDINANCE DATUM (O.D.) - MALIN HEAD UNLESS NOTED OTHERWISE
 - FOR LOCATION AND DETAILS OF ELECTRICAL EARTHING OF STRUCTURE REFER TO ELECTRICAL ENGINEERS DRAWINGS AND DETAILS.
 - FOR FIRE PROOFING REQUIREMENTS REFER TO RELEVANT ARCHITECTS DRAWINGS.
 - THE CONTRACTOR SHALL NOTE, AND MAKE ALLOWANCES FOR, THE MEASURES NECESSARY TO COMPLY WITH THE WASTE MINIMISATION AND RECYCLING TARGETS SET OUT IN THE SPECIFICATION.
 - FOR DETAILS AND SETTING OUT OF RWP, SVP, WVP AND ALL OPENINGS REFER TO RELEVANT ARCHITECTS DRAWINGS.
 - FOR RADON BARRIER, D.P.C. & INSULATION DETAILS REFER TO ARCHITECTS DRAWINGS.
 - THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING ALL GROUND AND SURFACE WATER WITHIN THE SITE DURING THE CONSTRUCTION WORKS. AT NO POINT SHOULD ANY CONTAMINATED WATER FROM THE SITE BE DISCHARGED TO AN EXISTING DRAIN OR SEWER. REFER TO SITE INVESTIGATION REPORT FOR FURTHER INFORMATION ON GROUND WATER LEVELS.
 - ANY PROPRIETARY PRODUCTS REFERENCED ON THE DRAWINGS CAN BE SUBSTITUTED WITH EQUIVALENT ALTERNATIVES, FOLLOWING APPROVAL BY EITHER THE ENGINEER OR THE ARCHITECT.

- PROPRIETARY PRODUCT NAMES, MANUFACTURERS NAMES, SUPPLIERS NAMES, NATIONAL STANDARDS, WHERE A SPECIFICATION OR A DESCRIPTION OF A PRODUCT OR ELEMENT OF WORK INCLUDES A SPECIFIC MAKE OR SOURCE SUCH AS A PRODUCT NAME OR MANUFACTURERS NAME OR A SUPPLIERS NAME, OR A NATIONAL STANDARD, THE SPECIFICATION OR DESCRIPTION SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS "OR EQUIVALENT" NOTWITHSTANDING THAT THOSE EXACT WORDS MAY NOT IN FACT ACCOMPANY THE NAME OR STANDARD. THIS ALSO APPLIES WHERE THE NAME OR STANDARD IS ACCOMPANIED BY OTHER WORDS SUCH AS "OR EQUAL APPROVED" OR SIMILAR PHRASES
- VIBRATION AND NOISE MONITORS TO BE INSTALLED ON SITE AND ALSO ON ADJACENT BUILDINGS IN ACCORDANCE WITH ARCHITECTS SPECIFICATION, PUNCH SPECIFICATION, BS 7385, BS 5228 DMRB VOLUME 11 AND CIRIA TECHNICAL NOTE 142.

LEGEND

- EXISTING BUILDINGS TO BE DEMOLISHED & ALL ASSOCIATED FOUNDATIONS TO BE GRUBBED OUT 
- PROPOSED SITE BOUNDARY 



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Drawn By: COLIN O'SULLIVAN
Date Issued: 2018-10-05
Issued By: COLIN O'SULLIVAN



Rev	Amendment	By	Date
PL0	ISSUED FOR PLANNING	COS	2019-12-12
PL1	LAYOUT REVISED	COS	2020-06-19

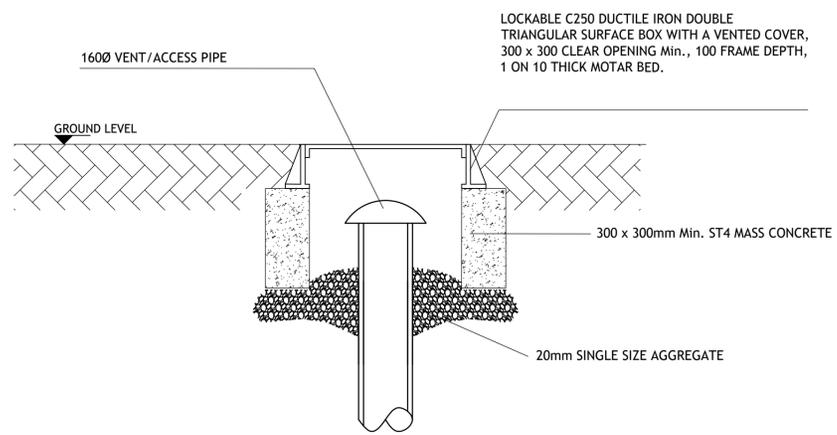
Client:
HG CONSTRUCTION

Job: **REDEMPTION ROAD, BLACKPOOL, CORK**
Title: **PROPOSED DEMOLITIONS LAYOUT**

Stage: PLANNING
Scale @ A1: 1:250
Technician Check: TIM CROWLEY
Engineer Check: ALAN CASHMAN
Approved: CIAN MURPHY
Drawing No: 184-109-006
Rev: PL1

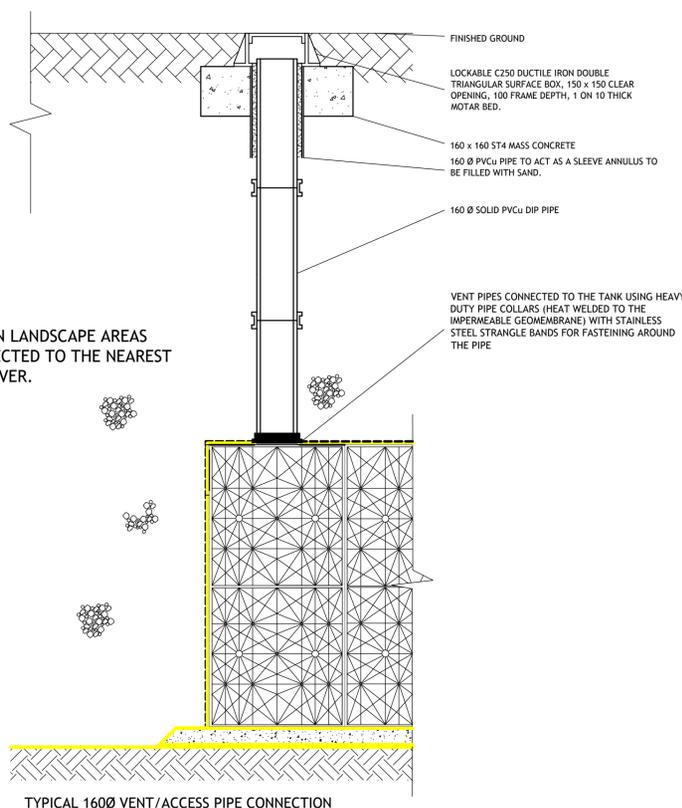


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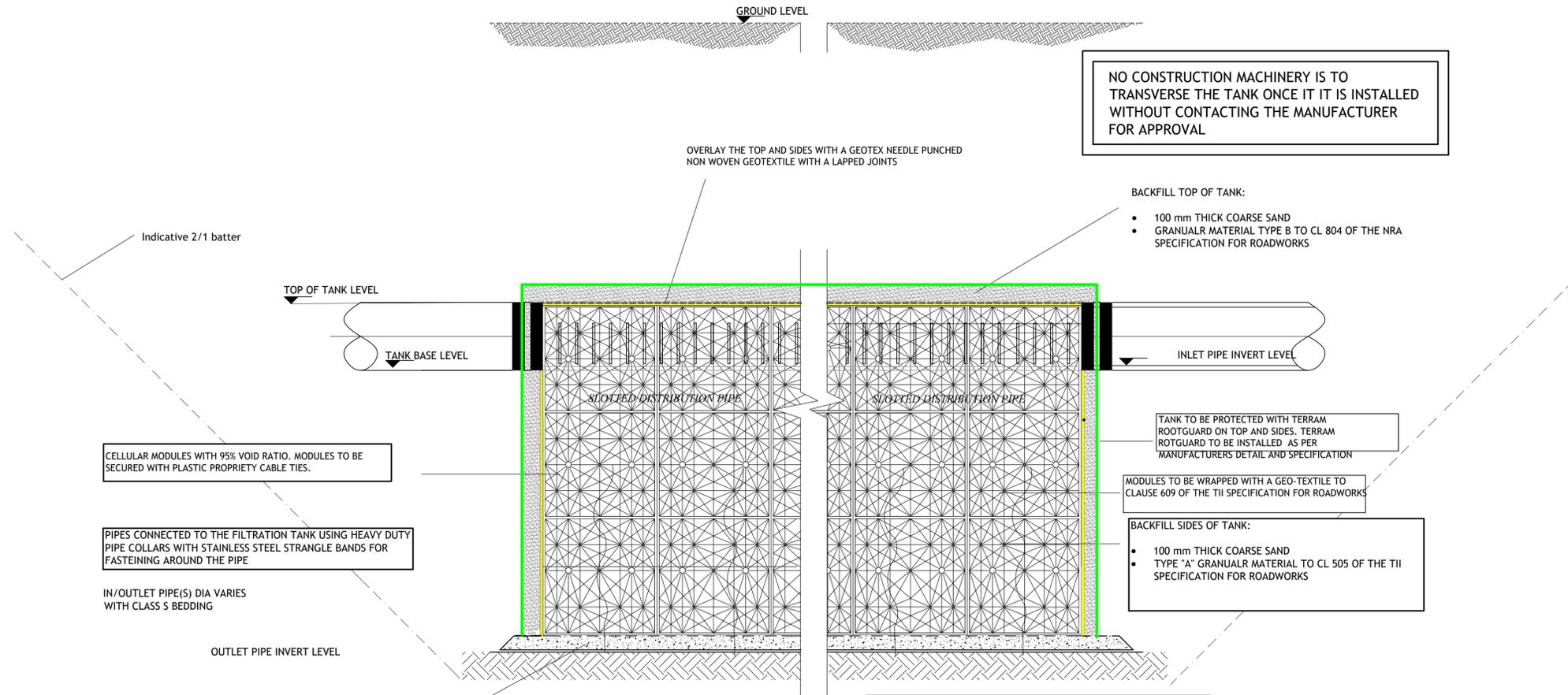
VENT BOX DETAIL
BY OTHERS

INLET/OUTLET PIPES MUST BE SUPPORTED WITH CONCRETE TO PROTECT IT DURING BACKFILLING



TYPICAL 1600 VENT/ACCESS PIPE CONNECTION

TO BE LOCATED IN LANDSCAPE AREAS OR TO BE CONNECTED TO THE NEAREST WITH A VENTED COVER.



NO CONSTRUCTION MACHINERY IS TO TRANSVERSE THE TANK ONCE IT IS INSTALLED WITHOUT CONTACTING THE MANUFACTURER FOR APPROVAL

CELLULAR MODULES WITH 95% VOID RATIO. MODULES TO BE SECURED WITH PLASTIC PROPRIETY CABLE TIES.

PIPES CONNECTED TO THE FILTRATION TANK USING HEAVY DUTY PIPE COLLARS WITH STAINLESS STEEL STRANGLE BANDS FOR FASTENING AROUND THE PIPE

IN/OUTLET PIPE(S) DIA VARIES WITH CLASS S BEDDING

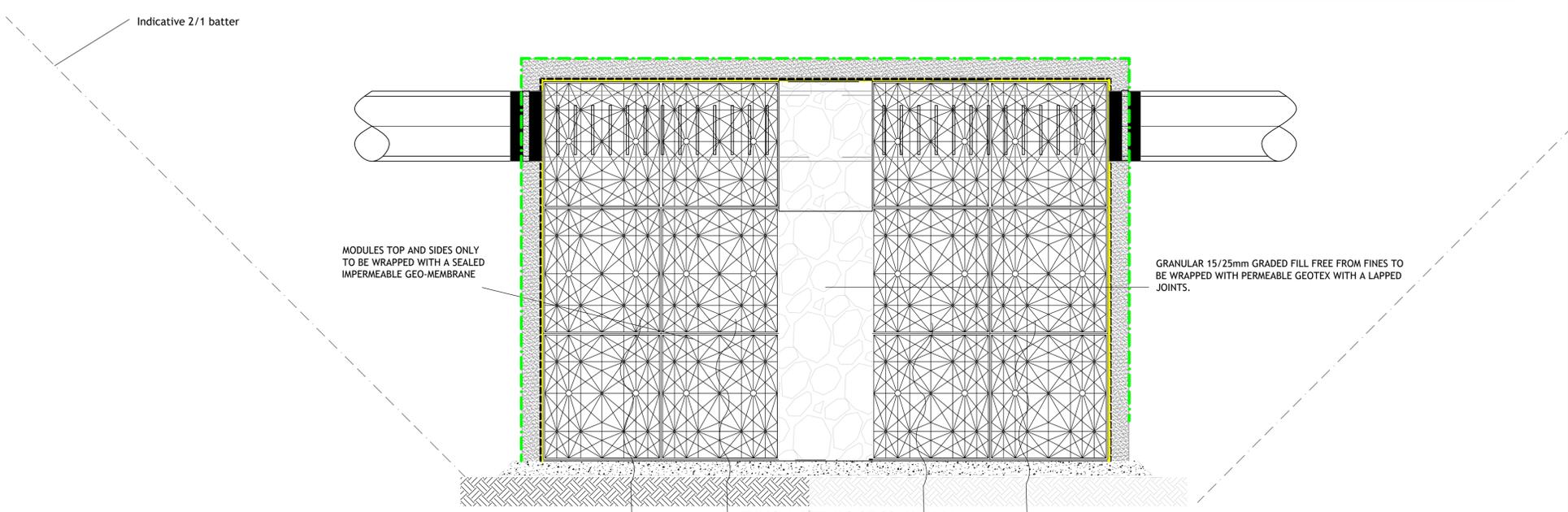
FLAT, LEVEL, BASE WITH NO UNDULATIONS AND HAS 3-5% CBR

THE CONTRACTOR SHALL PROHIBIT THE MOVEMENT OF CONSTRUCTION PLANT ACROSS THE STORAGE TANK AND WHERE NECESSARY PROVIDE ADDITIONAL SUPPORT AND PROTECTION TO THE STRUCTURE. PARTICULARLY POST CONSTRUCTION. TEMPORARY FENCING CAN BE USED TO PROHIBIT TRADE STOCKS, PILING MATERIALS, HEAVY PLANTS ETC.,

FORMATION LEVEL TO BE LEFT IN ITS NATURAL STATE (NOT SMOOTHED BY BUCKET OR COMPACTED) TO AID WATER TO INFILTRATE

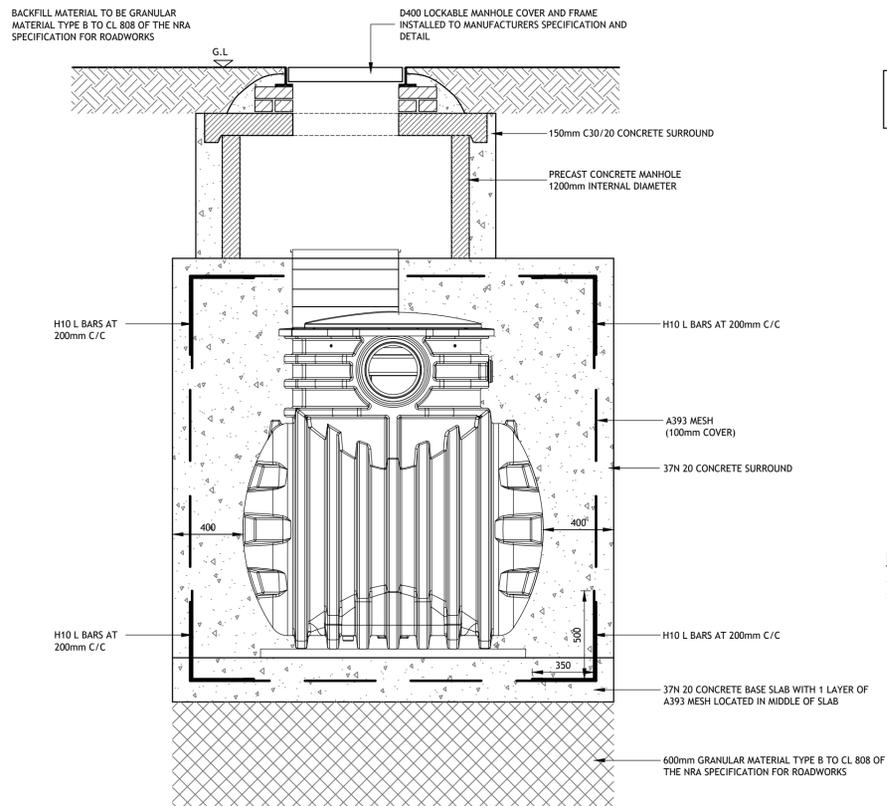
TYPICAL DETAILS FOR LARGE SOAKAWAYS TO TAKE SURFACE RUNOFF FROM ROADS & PAVED AREAS

A 3 - 5% CBR HAS BEEN ASSUMED AT SUB-BASE LEVEL SHOULD THE CBR BE TESTED AND FOUND TO BE LESS THAN 3% THEN THE ENGINEER SHALL BE NOTIFIED. ALSO, ANY SOFT SPOTS FOUND AT SUB-BASE LEVEL SHALL BE REPORTED TO THE ENGINEER



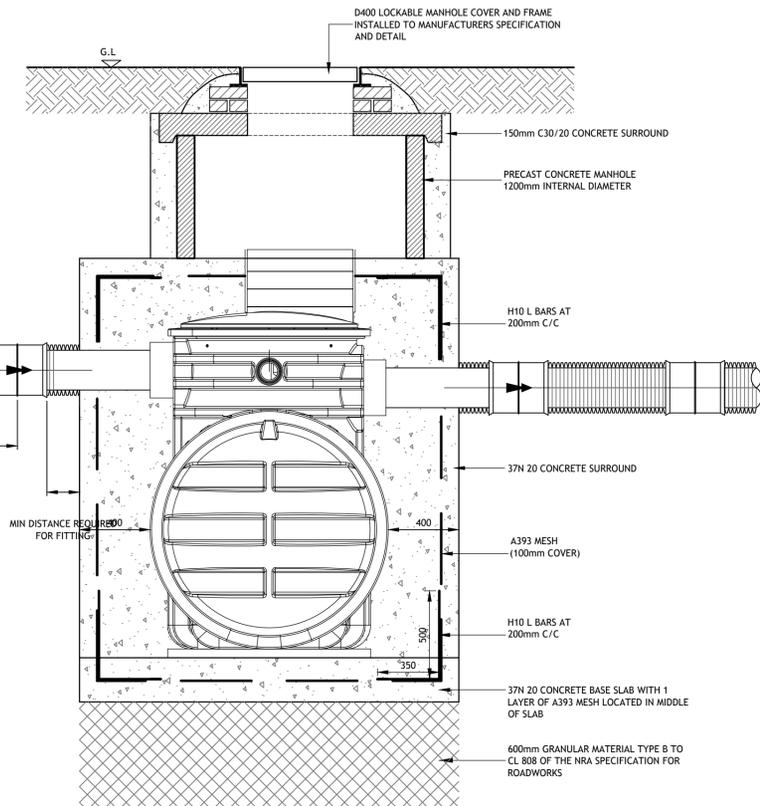
TYPICAL DETAILS OF SOAKAWAY (FRONT VIEW)

Rev	Amendment	By	Date



PRECAST CONCRETE CHAMBER SECTIONS AND COVER SLAB TO BE BEDDED WITH PROPRIETARY BITUMEN OR RESIN MASTIC SEALANT OR AN ELASTOMERIC RING

NOTE
SEPARATOR TO BE FITTED WITH AN OIL LEVEL ALARM SYSTEM SO THAT IT WILL RESPOND TO AN ALARM CONDITION WHEN THE SEPARATOR REQUIRES EMPTYING.



PETROL INTERCEPTOR NOMINAL SIZE 40 L/SEC, SURROUND DETAILS
SCALE 1:20

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Issued By: COLIN O'SULLIVAN



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Client:
HG CONSTRUCTION

Job: REDEMPTION ROAD, BLACKPOOL, CORK
Title: CONSTRUCTION DETAILS SHEET 3
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Stage: PLANNING
Scale @ A1: AS SHOWN
Technician Check: TIM CROWLEY
Engineer Check: ALAN CASHMAN
Approved: CIAN MURPHY
Drawing No: 184-109-010
Rev: PLO

NOTE :
 THE USE OF THIS DETAIL ASSUMES
 1. THE GROUNDWATER TABLE IS BELOW THE BASE OF THE MANHOLE.
 CONTRACTOR TO ADVISE ENGINEER WHERE THE WATER TABLE LEVEL IS HIGHER THAN THE BASE OF MANHOLE

D400 LOCKABLE, NON ROCKING DUCTILE IRON COVER AND FRAME TO IS EN 124 "GULLY TOPS AND MANHOLE TOPS FOR VEHICULAR AND PEDESTRIAN AREAS".
 MINIMUM CLEAR OPENING TO 600mm DIA
 RECESSED COVERS WITH PAVING INLAID TO BE USED IN PAVED AREAS TO MATCH THE SURROUNDING FINISH. PLEASE REFER TO 507.8 SR OF THE SITEWORK SPECIFICATION

2-4 COURSES OF CLASS B ENGINEERING BRICK TO BS 3921 & IS EN 771/772 "SPECIFICATION FOR CLAY BRICKS"
 BRICKS TO BE LAID IN ENGLISH BOND USING CEMENT/SAND (1:3 MIX) MORTAR WITH 10mm SOLID FILLED BED AND JOINTS FLUSH POINTED.

BRICKWORK AND FRAME HAUNCHED USING CEMENT/SAND (1:3 MIX) MORTAR

HEAVY DUTY PRECAST CONCRETE COVER TO COMPLY WITH BS EN 1917: 2002 "CONCRETE MANHOLES AND INSPECTION CHAMBERS, UNREINFORCED, STEEL FIBRE AND REINFORCED" AND BS 5911-3:2012 SPECIFICATION FOR UNREINFORCED AND REINFORCED CONCRETE MANHOLES AND SOAKAWAYS

FRAMES TO SET ON CLASS 1 MORTAR WITH ADMIXTURE RONACRETE 'RONAFIX' OR SIMILAR APPROVED

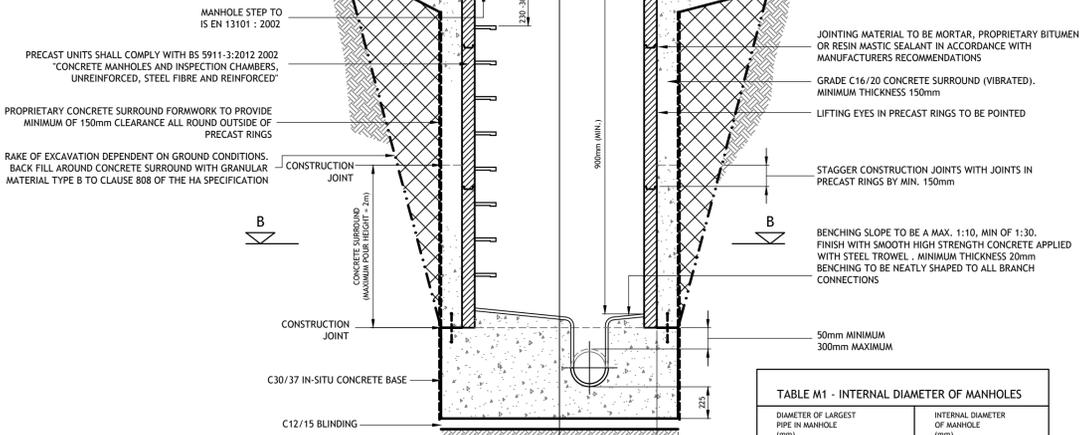


TABLE M1 - INTERNAL DIAMETER OF MANHOLES

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375 - 450	1350
450 - 500	1500
500 - 700	1800
750 - 900	1800
> 900	CONSULT LOCAL AUTHORITY

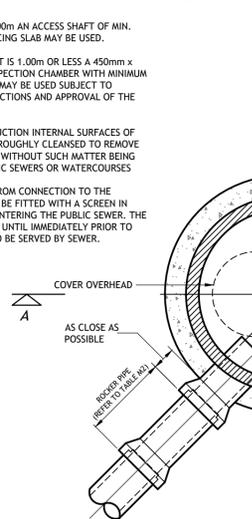
NOTE :
 USE 1050 DIAMETER RINGS FOR PIPES LESS THAN 375mm DIAMETER WHERE DEPTH TO SOFTTY IS 1.25 - 1.5m

TABLE M2 - ROCKER PIPE LENGTH

NOMINAL PIPE DIAMETER (mm)	EFFECTIVE LENGTH (M)
150 to 600	0.6
675 to 750	1.0
Over 750	1.2

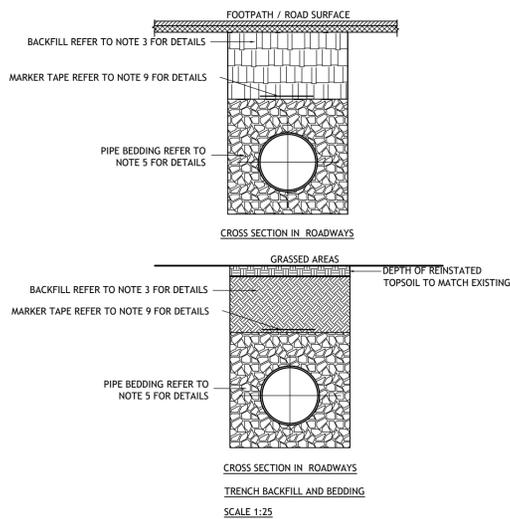
- NOTE :**
- MANHOLES WITH OUTGOING PIPES GREATER THAN 600mm DIA. SHOULD BE FITTED WITH GUARD BARS, SAFETY CHAINS OR OTHER SAFETY DEVICES.
 - FOR DEPTHS TO INVERT > 2.700m AN ACCESS SHAFT OF MIN. 900mm DIAMETER AND REDUCING SLAB MAY BE USED.
 - WHERE THE DEPTH TO INVERT IS 1.00m OR LESS A 450mm x 450mm (OR 450mm DIA.) INSPECTION CHAMBER WITH MINIMUM COVER SIZES OF 450mm DIA. MAY BE USED SUBJECT TO ACCOMMODATION OF CONNECTIONS AND APPROVAL OF THE LOCAL AUTHORITY.
 - ON COMPLETION OF CONSTRUCTION INTERNAL SURFACES OF MANHOLE & SEWERS TO THOROUGHLY CLEANSED TO REMOVE ALL DELETERIOUS MATERIAL, WITHOUT SUCH MATTER BEING PASSED FORWARD INTO PUBLIC SEWERS OR WATERCOURSES
 - FIRST MANHOLE UPSTREAM FROM CONNECTION TO THE (EXISTING) PUBLIC SEWER TO BE FITTED WITH A SCREEN IN ORDER TO PREVENT DEBRIS ENTERING THE PUBLIC SEWER. THE SCREEN NOT TO BE REMOVED UNTIL IMMEDIATELY PRIOR TO OCCUPATION OF PREMISES TO BE SERVED BY SEWER.

SECTION A-A
 SCALE 1:25



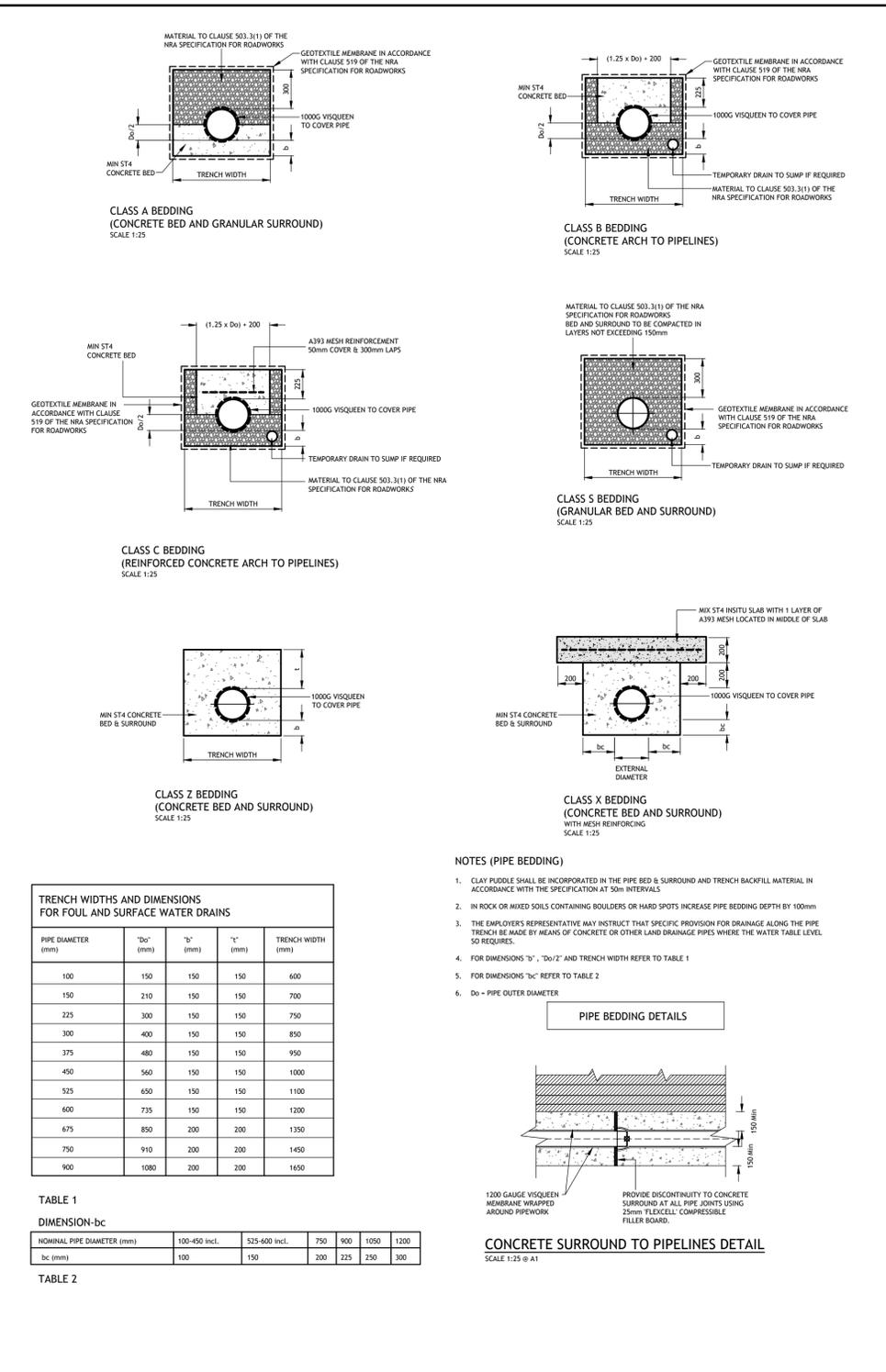
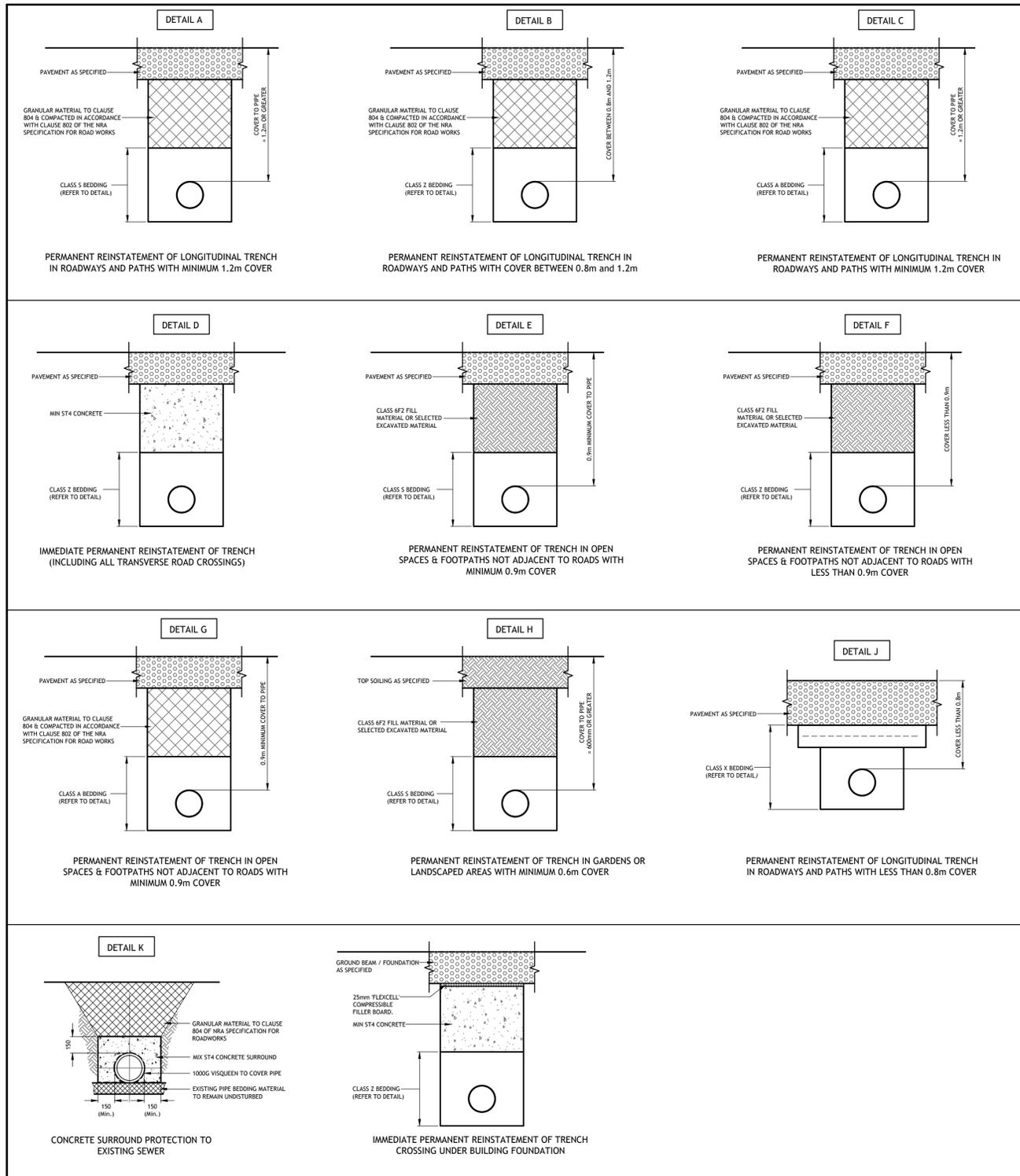
SECTION B-B
 SCALE 1:25

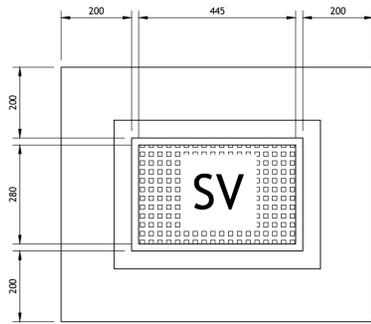
BEDDING DETAILS WATERMAINS



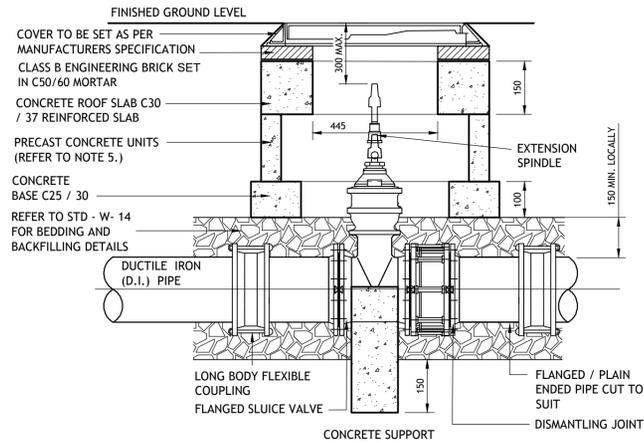
- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE
 - THE MINIMUM DEPTH OF COVER FROM THE FINISHED GROUND LEVEL TO THE EXTERNAL CROWN OF THE PIPE SHALL BE 750mm FOR SERVICE CONNECTIONS, 900mm FOR WATER MAINS. GREATER DEPTHS OF COVER AND/OR PIPE STRENGTH AND/OR A HIGHER CLASS OF BEDDING MATERIAL MAY BE REQUIRED WHERE HIGH TRAFFIC LOADING IS ANTICIPATED. THE MAXIMUM COVER SHOULD NOT EXCEED 1,200mm WHERE PRACTICABLE.
 - CLAUSE 808 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS IS TO BE USED AS BACKFILL MATERIAL WHERE THE WATER MAIN IS LOCATED IN ROADS, FOOTPATHS OR WHEN THE NEAREST PART OF THE TRENCH IS WITHIN 1m OF THE PAVED EDGE OF THE ROADWAY. CLAUSE 808 IS TO BE COMPACTED AS PER CLAUSE 802 OF THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS.
 - SELECTED EXCAVATED MATERIAL MAY BE USED IN GREEN-FIELD AREAS ABOVE GRANULAR PIPE SURROUND MATERIAL SUBJECT TO THE APPROVAL OF IRISH WATER.
 - PIPE BEDDING SHALL COMPLY WITH WIS 4-08-02 AND IGN 4-08-01 GRANULAR MATERIAL SHALL BE 14mm TO 5mm GRADED AGGREGATE OR 10mm SINGLE SIZED AGGREGATE TO IS EN 13242.
 - IN SOFT GROUND CONDITIONS (CBR < 5) THE MATERIAL SHOULD BE EXCAVATED OUT AND DISPOSED OF IN ACCORDANCE WITH THE WASTE MANAGEMENT ACT AND CLAUSE 808 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS SHALL REPLACE THE EXCAVATED MATERIAL, WRAPPED IN GEO-TEXTILE WRAPPING. ALTERNATIVELY, SPECIAL PIPE SUPPORT ARRANGEMENTS, INCLUDING PILING ETC. MAY BE REQUIRED WHERE THE DEPTH OF SOFT MATERIAL IS EXCESSIVE. SUCH ARRANGEMENTS SHALL BE SUBJECT TO ASSESSMENT BY IRISH WATER BEFORE ADVANCING WITH THE WORK.
 - PIPES SHALL NOT BE SUPPORTED ON STONES OR ROCKS, OR ANY HARD OBJECT AT ANY POINT ALONG THE TRENCH. ROCK SHALL BE EXCAVATED TO A DEPTH OF 150mm BELOW THE ACTUAL DEPTH OF THE TRENCH WITH THE VOID FILLED WITH CLAUSE 804 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS. THE GRANULAR MATERIAL SHALL BE LAID ABOVE THIS VOID BACKFILL MATERIAL.
 - SHOULD MINIMUM COVER NOT BE ACHIEVABLE, CONCRETE GRADE C8/10 SHALL BE USED AS BACKFILL MATERIAL.
 - MARKER TAPE TO BE 400mm WIDE BLUE POLYETHYLENE MATERIAL IN ACCORDANCE WITH EN 12163. PLASTIC PIPES SHALL HAVE WARNING TAPE INCORPORATED A REINFORCED BAND BRACING WIRE. SERVICE PIPES SHALL HAVE 200mm WIDE MESH TAPE. MARKER TAPE TO BE LAID AT TOP OF PIPE BEDDING LAYER.
 - TRENCH WIDTHS FOR PIPE SIZES TO CONSIDERATION BEING GIVEN TO THE TRENCH DEPTH, HEALTH & SAFETY & CONSTRUCTION ACCESS REQUIREMENTS.

Rev	Amendment	By	Date

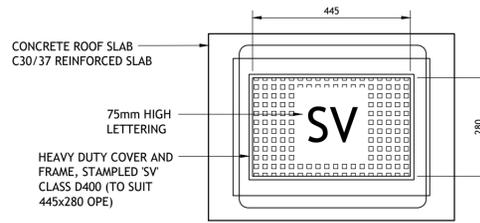




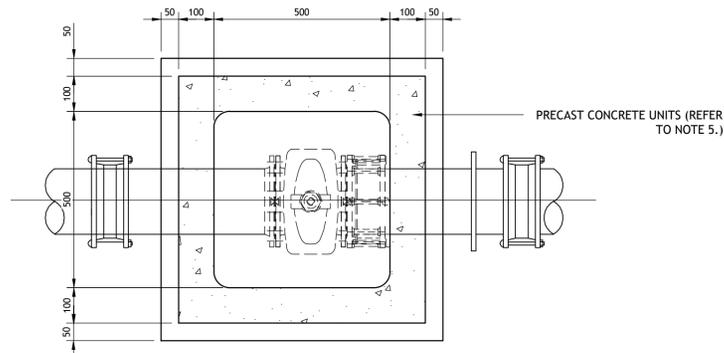
PLINTH DETAIL IN GRASS AREAS



SECTION



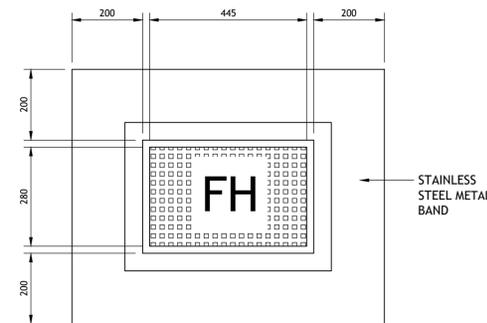
ROOF PLAN



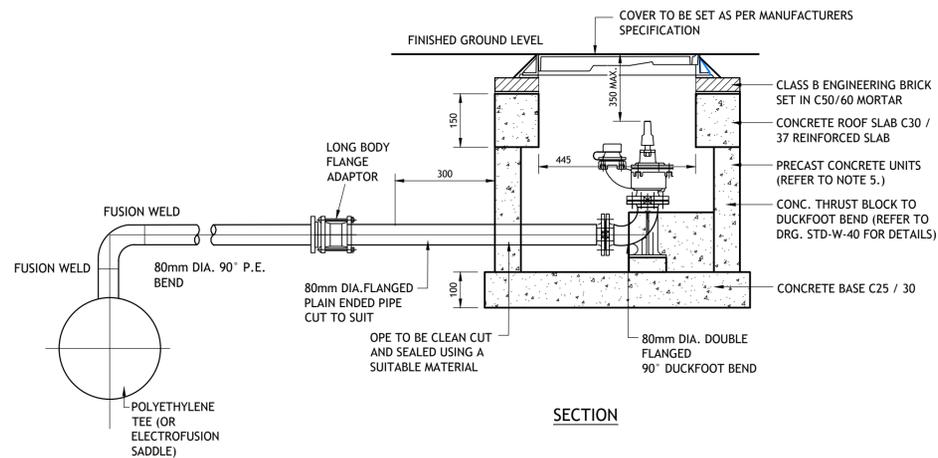
FLOOR PLAN
SLUICE VALVE CHAMBER
(PRECAST CONCRETE CONSTRUCTION)

NOTES:

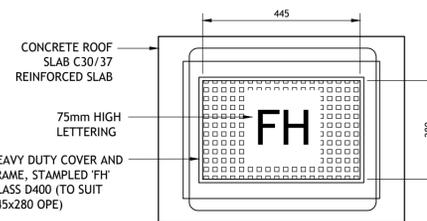
1. ALL DIMENSIONS IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. HYDRANT CHAMBERS SHALL BE COVERED WITH APPROVED HEAVY DUTY METAL COVERS TO IS 261 AND BS 5834 COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO THE APPROVAL OF IRISH WATER.
3. HYDRANTS SHALL BE DOUBLE FLANGED DRILLED TO PN 16. THEY SHALL COMPLY WITH BS 750: 2012. THE HYDRANT SHALL INCORPORATE A SCREW DOWN GATE VALVE, UNDERGROUND "GUIDE TO HEAD" TYPE WITH SCREW DOWN CONNECTION OUTLET AND FALSE SPINDLE CAP AND IRON CHAIN.
4. ALL HYDRANTS SHALL BE CLOCKWISE CLOSING.
5. HYDRANT CHAMBER TO BE CONSTRUCTED OF PRECAST CONCRETE UNITS OR HIGH DENSITY BLOCKWORK. ALTERNATIVELY PROPRIETARY PREFABRICATED CHAMBER UNITS MAY ALSO BE USED, SUBJECT TO APPROVAL FROM IRISH WATER.
6. CONCRETE CHAMBERS SHALL BE SURROUNDED BY A MINIMUM OF 150mm COMPACTED CLAUSE 804 MATERIAL AS PER STD-W-14.
7. DUCTILE IRON PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN 545.
8. 200mm ALL AROUND, 100mm DEEP CONCRETE PLINTH WITH PROTECTIVE STAINLESS STEEL METAL BAND AROUND COVERS IN GREEN AREAS.
9. THRUST BLOCKS (NOT SHOWN ON DRAWING), TO BE PROVIDED AS PER STANDARD DRAWING STD-W-40 AT ALL TEES, BENDS, TAPERS, DEAD ENDS AND PIPES AT STEEP SLOPES.
10. ANTI CORROSION TAPE TO BE PROVIDED AROUND BURIED FLANGES.
11. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.



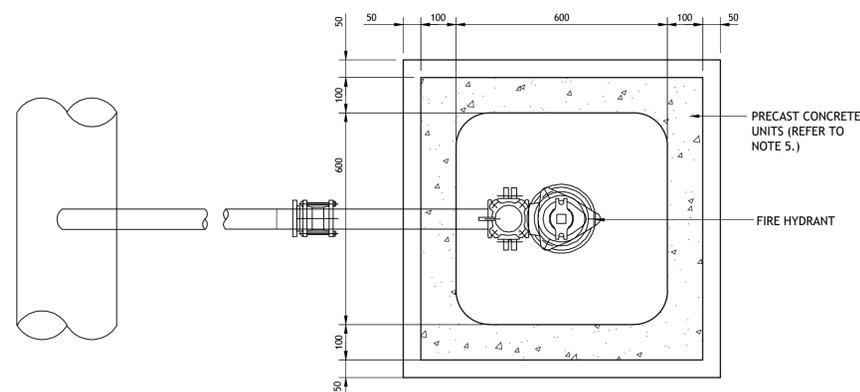
PLINTH DETAIL IN GRASS AREA



SECTION



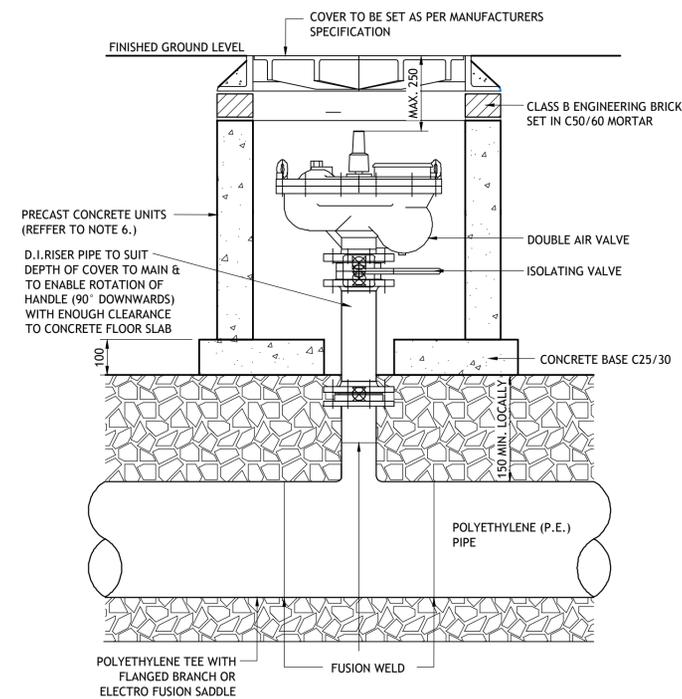
ROOF PLAN



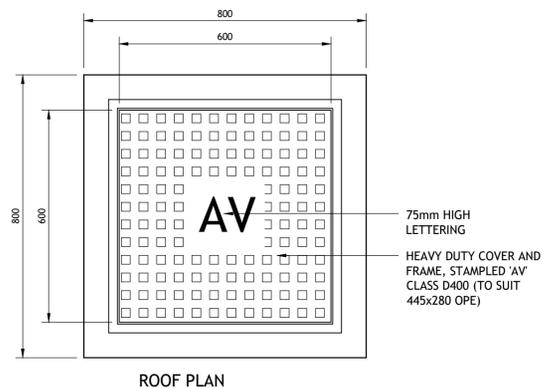
FLOOR PLAN
FIRE HYDRANT CHAMBER (PRECAST CONCRETE CONSTRUCTION)

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. HYDRANT CHAMBERS SHALL BE COVERED WITH APPROVED HEAVY DUTY METAL COVERS TO IS 261 AND BS 5834 COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO THE APPROVAL OF IRISH WATER.
3. HYDRANTS SHALL BE DOUBLE FLANGED DRILLED TO PN 16. THEY SHALL COMPLY WITH BS 750: 2012. THE HYDRANT SHALL INCORPORATE A SCREW DOWN GATE VALVE, UNDERGROUND "GUIDE TO HEAD" TYPE WITH SCREW DOWN CONNECTION OUTLET AND FALSE SPINDLE CAP AND IRON CHAIN.
4. ALL HYDRANTS SHALL BE CLOCKWISE CLOSING.
5. HYDRANT CHAMBER TO BE CONSTRUCTED OF PRECAST CONCRETE UNITS OR HIGH DENSITY BLOCKWORK. ALTERNATIVELY PROPRIETARY PREFABRICATED CHAMBER UNITS MAY ALSO BE USED, SUBJECT TO APPROVAL FROM IRISH WATER.
6. CONCRETE CHAMBERS SHALL BE SURROUNDED BY A MINIMUM OF 150mm COMPACTED CLAUSE 804 MATERIAL AS PER STD-W-14.
7. DUCTILE IRON PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN 545.
8. 200mm ALL AROUND, 100mm DEEP CONCRETE PLINTH WITH PROTECTIVE STAINLESS STEEL METAL BAND AROUND COVERS IN GREEN AREAS.
9. THRUST BLOCKS (NOT SHOWN ON DRAWING), TO BE PROVIDED AS PER STANDARD DRAWING STD-W-40 AT ALL TEES, BENDS, TAPERS, DEAD ENDS AND PIPES AT STEEP SLOPES.
10. ANTI CORROSION TAPE TO BE PROVIDED AROUND BURIED FLANGES.
11. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
12. TEE BRANCH: DEPTH OF TAKE-OFF PIPEWORK < 900mm, TAKE-OFF TEE MAY BE ROTATED TO ENSURE MIN. DEPTH OF COVER IS MAINTAINED, OR ALTERNATIVELY, PROVIDE PROTECTION TO TAKE-OFF PIPE.



SECTION



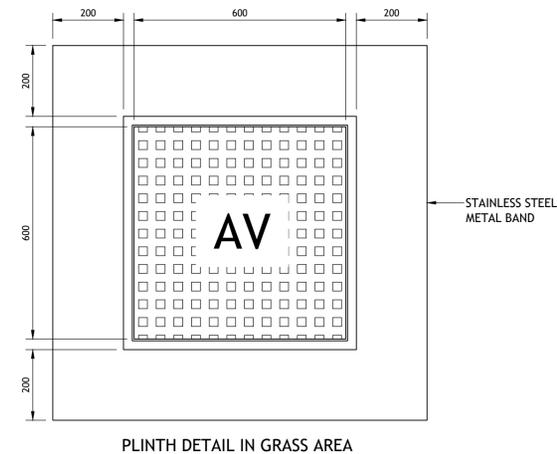
FLOOR PLAN

DOUBLE AIR VALVE (PRECAST CONCRETE CONSTRUCTION)

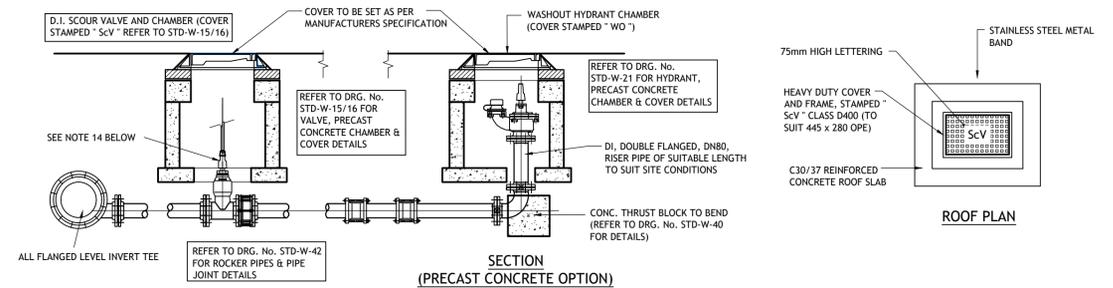
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. AIR VALVE CHAMBERS SHALL BE COVERED WITH APPROVED VENTILATED HEAVY DUTY METAL COVERS TO IS EN 124: 1994 RATING D400. COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO THE APPROVAL OF IRISH WATER.
3. AIR VALVES SHALL BE DOUBLE AIR VALVE TYPE WITH ISOLATING VALVE IN ACCORDANCE WITH THE REQUIREMENTS OF IS EN 1074. THE ISOLATING VALVE SHALL BE A RESILIENT SEATED GATE VALVE TO IS EN 1074 AND SHALL BE OF A BOLTLESS BONNET DESIGN.
4. THE AIR VALVES SHALL HAVE BODIES AND COVERS OF CAST IRON TO BS 1561 WITH FLANGES DRILLED TO PN 16 IN ACCORDANCE WITH BS EN 1092-1. EACH VALVE SHALL HAVE A LARGE AND A SMALL AIR ESCAPE ORIFICE WITH AN ISOLATING VALVE.
5. SERVICE CONNECTIONS SHALL NOT BE PROVIDED WITHIN 2m OF THE AIR VALVE LOCATION.
6. AIR VALVE CHAMBERS TO BE OF PRECAST CONCRETE UNITS OR HIGH DENSITY BLOCKWORK. ALTERNATIVE PROPRIETARY PREFABRICATED CHAMBER UNITS MAY ALSO BE USED, SUBJECT TO APPROVAL FROM IRISH WATER.
7. PRECAST CONCRETE CHAMBERS SHALL BE SURROUNDED BY A MINIMUM OF 150mm COMPACTED CLAUSE 804 MATERIAL AS PER STD-W-14.
8. DUCTILE IRON PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN 545.
9. 200mm ALL AROUND, 100mm DEEP CONCRETE PLINTH WITH PROTECTIVE STAINLESS STEEL METAL BAND AROUND COVERS IN GRASS AREAS.
10. THRUST BLOCKS (NOT SHOWN ON DRAWING), TO BE PROVIDED AS PER STANDARD DRAWING STD-W-40 AT ALL TEES, BENDS, TAPERS, DEAD ENDS AND PIPES AT STEEP SLOPES.
11. ANTI CORROSION TAPE TO BE PROVIDED AROUND BURIED FLANGES.
12. THE LOCATION OF THE AIR VALVE SHALL BE THE SUBJECT OF PARTICULAR AGREEMENT WITH IRISH WATER TO ENSURE THAT THE RISK OF CONTAMINATION THROUGH THE VALVE IS ELIMINATED.
13. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.

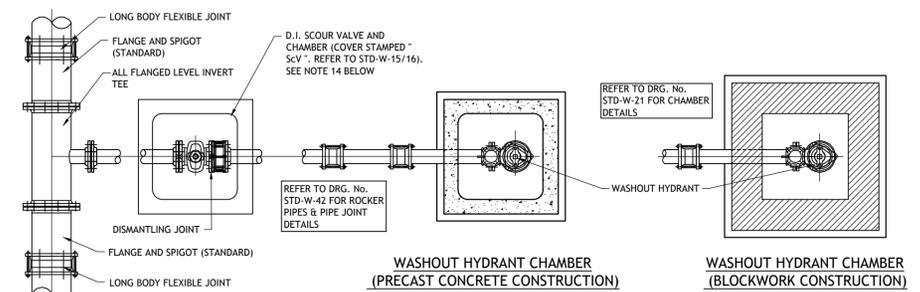
DIAMETER OF MAIN	UP TO 250 (mm)	250 TO 350 (mm)
DIAMETER OF BRANCH	80mm	100mm
BORE OF VALVE INLET	80mm	100mm



PLINTH DETAIL IN GRASS AREA

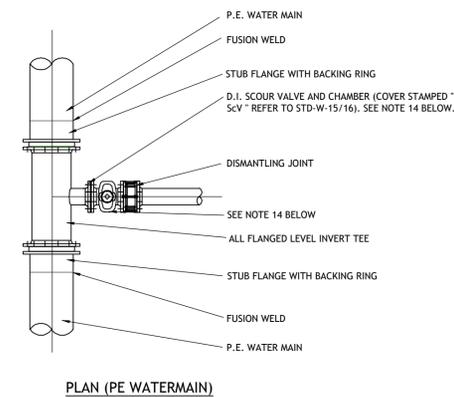


SECTION (PRECAST CONCRETE OPTION)



WASHOUT HYDRANT CHAMBER (PRECAST CONCRETE CONSTRUCTION)

WASHOUT HYDRANT CHAMBER (BLOCKWORK CONSTRUCTION)



PLAN (PE WATERMAIN)

1. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. STRUCTURAL REINFORCEMENT AND DESIGN DETAIL TO BE PROVIDED BY THE DEVELOPER AND SUBMITTED TO IRISH WATER FOR REVIEW.
3. HYDRANT CHAMBERS SHALL BE COVERED WITH APPROVED HEAVY DUTY METAL COVERS TO IS 261 AND BS 5834 COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO THE APPROVAL OF IRISH WATER.
4. HYDRANTS SHALL BE DOUBLE FLANGED DRILLED TO PN 16. THEY SHALL COMPLY WITH BS 750: 2012. THE HYDRANT SHALL INCORPORATE A SCREW DOWN GATE VALVE, UNDERGROUND 'GUIDE TO HEAD' TYPE WITH SCREW DOWN CONNECTION OUTLET AND FALSE SPINDLE CAP AND IRON CHAIN.
5. ALL HYDRANTS SHALL BE CLOCKWISE CLOSING.
6. HYDRANT CHAMBER & SCOUR VALVE CHAMBER TO BE CONSTRUCTED OF PRECAST CONCRETE UNITS OR HIGH DENSITY BLOCKWORK. ALTERNATIVE PROPRIETARY PREFABRICATED CHAMBER UNITS MAY ALSO BE USED, SUBJECT TO APPROVAL FROM IRISH WATER.
7. CONCRETE CHAMBERS SHALL BE SURROUNDED BY A MINIMUM OF 150mm COMPACTED CLAUSE 804 MATERIAL AS PER STD-W-13.
8. 200mm ALL AROUND, 100mm DEEP CONCRETE PLINTH WITH PROTECTIVE STAINLESS STEEL METAL BAND AROUND COVERS IN GRASS AREAS.
9. THRUST BLOCKS (NOT SHOWN ON DRAWING), TO BE PROVIDED AS PER STANDARD DRAWING STD-W-40 AT ALL TEES, BENDS, TAPERS, DEAD ENDS PIPES AT STEEP SLOPES.
10. ANTI CORROSION TAPE TO BE PROVIDED AROUND BURIED FLANGES.
11. ALL PIPEWORK AND FITTINGS FOR WASHOUT HYDRANT CHAMBER CONNECTION SHALL BE DUCTILE IRON. PIPES AND FITTINGS ON MAIN LINE SHALL BE: PE PIPES & FITTINGS IN ACCORDANCE WITH IS EN 12201:2011, OR DUCTILE IRON PIPES AND FITTINGS IN ACCORDANCE WITH IS EN 545.
12. ALL CHAMBERS TO BE CHECKED FOR UPLIFT BY THE DEVELOPER BASED ON GROUND CONDITIONS WITHIN THE SITE. SHOULD ANTI FLOATION MEASURES BE REQUIRED THEY SHALL BE SUBJECT TO AGREEMENT WITH IRISH WATER.
13. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
14. WHERE HYDRANTS ARE INSTALLED ON TRUNK MAINS OR PRINCIPAL MAINS, A SEPARATE SCOUR VALVE IS REQUIRED. THE PURPOSE OF THE SCOUR VALVE IS TO ISOLATE THE WASHOUT HYDRANT FOR MAINTENANCE PURPOSES & ALSO TO REDUCE THE VELOCITY OF THE DISCHARGE FLOW WHERE HIGH HEAD VALUES ARE CONCERNED. A 'SANDWICH' OR 'SPADE' VALVE MAY BE USED IN LIEU OF A SEPARATE SCOUR VALVE, SUBJECT TO PRIOR APPROVAL BY IRISH WATER.

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Date Drawn: 2018-10-08
Drawn By: COLIN O'SULLIVAN
Date Issued: 2018-10-08
Issued By: COLIN O'SULLIVAN



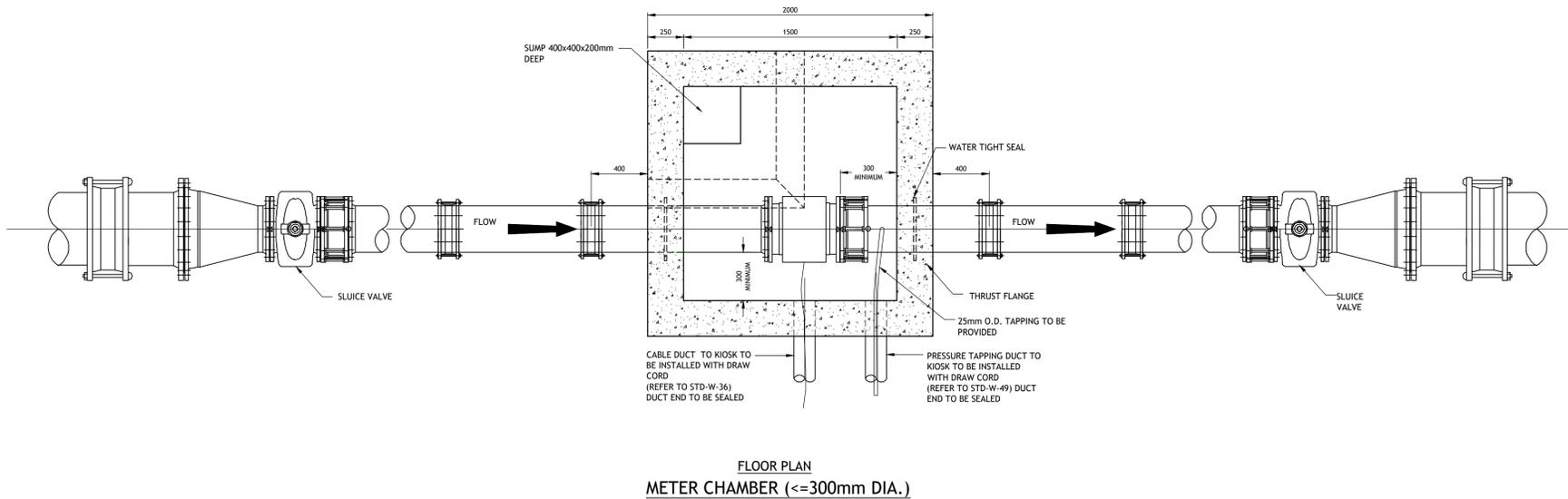
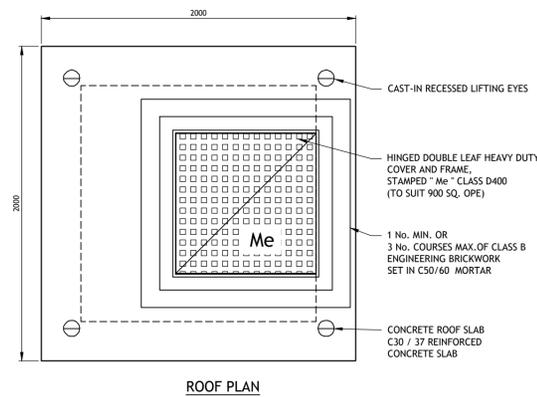
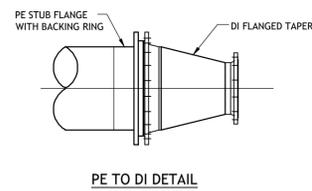
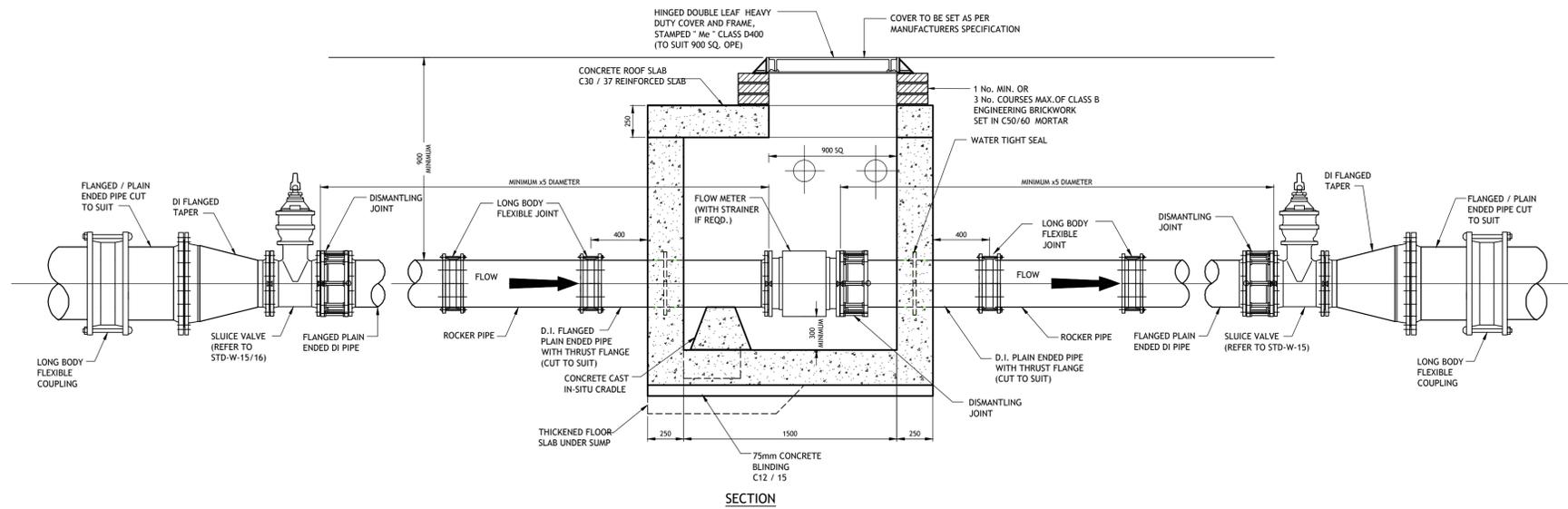
Rev	Amendment	By	Date

Client:
HG CONSTRUCTION

Job: REDEMPTION ROAD, BLACKPOOL, CORK
Title: CONSTRUCTION DETAILS SHEET 7

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Stage: PLANNING
Scale @ A1: NTS
Technician Check: TIM CROWLEY
Engineer Check: ALAN CASHMAN
Approved: CIAN MURPHY
Drawing No: 184-109-014
Rev: PLO



- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE.
 2. STRUCTURAL DESIGN AND REINFORCEMENT DETAIL TO BE PROVIDED BY THE DEVELOPER AND SUBMITTED TO IRISH WATER FOR REVIEW.
 3. CONCRETE FOR FLOW METER CHAMBER TO BE C30 / 37.
 4. PRECAST METER CHAMBER (WITH CONCRETE SURROUND) MAY BE USED SUBJECT TO APPROVAL FROM IRISH WATER.
 5. METER CHAMBER SHALL BE COVERED WITH APPROVED HEAVY DUTY METAL COVERS TO IS EN 124: 1994 RATING D400. COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO THE APPROVAL OF IRISH WATER.
 6. 200mm ALL ROUND, 100mm DEEP CONCRETE PLINTH WITH PROTECTIVE STAINLESS STEEL METAL BAND AROUND COVER IN GRASS AREAS.
 7. ANTI CORROSION TAPE TO BE PROVIDED AROUND BURIED FLANGES.
 8. DUCTILE IRON PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN 545. PE PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN 12201:2011.
 9. ALL CHAMBERS TO BE CHECKED FOR UPLIFT BY THE DEVELOPER BASED ON GROUND CONDITIONS WITHIN THE SITE. SHOULD ANTI FLOATATION MEASURES BE REQUIRED THEY SHALL BE SUBJECT TO APPROVAL FROM IRISH WATER.
 10. PIPEWORK TO BE DOWNSIZED TO ACCOMMODATE THE REQUIRED RANGE OF THE FLOW METER. STRAIGHT PIPE LENGTHS UPSTREAM AND DOWNSTREAM OF THE METER TO BE PROVIDED. IF THE METER IS NOT CAPABLE OF ACCURATE NIGHT FLOW MEASUREMENTS, A BY-PASS FLOW METER SHALL BE PROVIDED WITH APPROPRIATE VALVES, FITTINGS AND PIPEWORK.
 11. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.

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Date Drawn: 2018-10-08
 Drawn By: COLIN O'SULLIVAN
 Date Issued: 2018-10-08
 Issued By: COLIN O'SULLIVAN



Rev	Amendment	By	Date

Client:
 HG CONSTRUCTION

Job: REDEMPTION ROAD, BLACKPOOL, CORK
 Title: CONSTRUCTION DETAILS SHEET 8

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Stage: PLANNING
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 Engineer Check: ALAN CASHMAN
 Approved: CIAN MURPHY
 Drawing No: 184-109-015
 Rev: PLO

Surveyed 1974-1975
Revised 2016
Levelled 1983

Urban PLACE Map



STATUS: **PLANNING**

ITM CENTRE PT. COORDS.

567252,573338

DESCRIPTION

MAP SHEETS

1:1000

6337-25 6337-24



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LEGEND:

-  Denotes Site Boundary
-  Denotes Location of Site Notice(s)



DWG NO.: AR05-01 - SITE LOCATION MAP

REV: A Issued for Planning 2020.06.19

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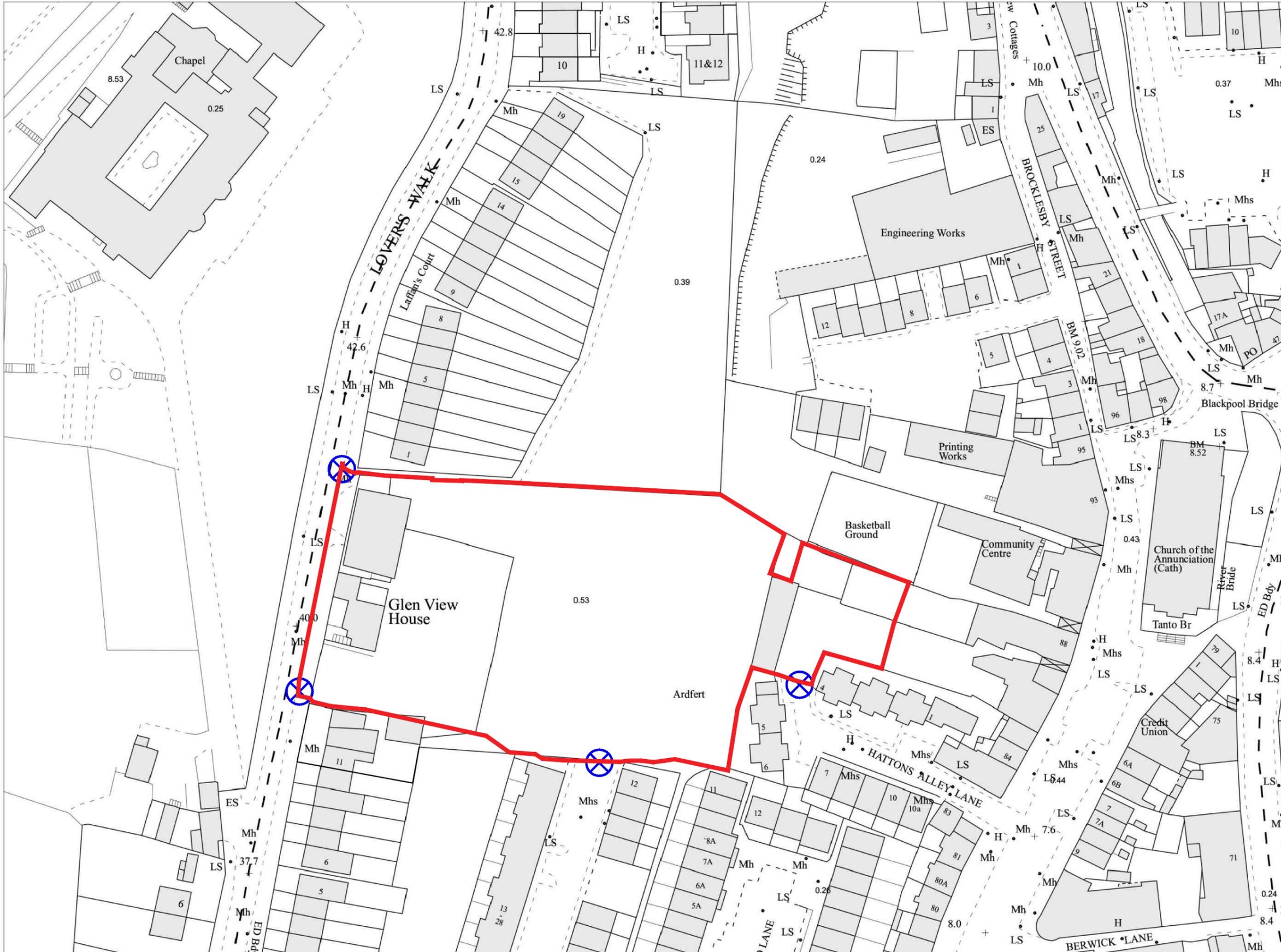
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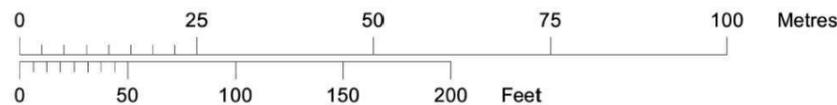
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Scale:- 1:1,000
Scála:- 1:1,000



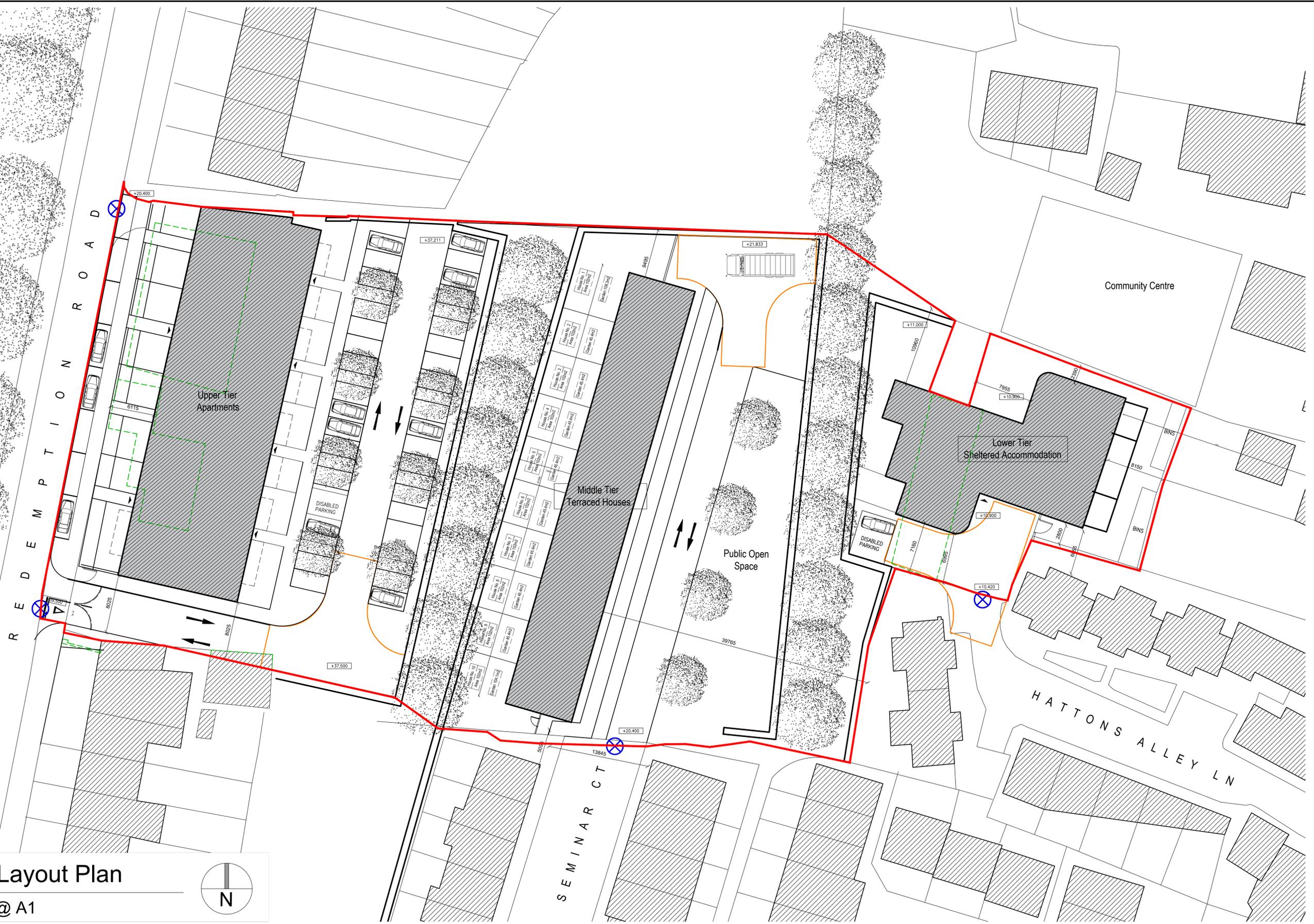
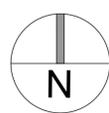
Plot Ref. No. 19753254_1_1
Plot Date 18-JUL-2017



ORIGINAL SHEET SIZE = A1

Site Layout Plan

1:250 @ A1



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REV	DATE	BY	NOTES

- NOTES
- Proposed Building
 - Existing Urban Fabric
 - Demotes Site Boundary
 - Demolition
 - Demotes Location of Site Note

JOB
 Residential Development at
 Redemption Road, Blackpool, Co. Cork

CLIENT
 HG Construction

3.0 PLANNING

DRAWING
 Site Layout Plan

DATE	BY	SCALE	REVISION
2020.05.19		1:250 @ A1	
			A

DWG NUMBER
 P17-322C -RAU-00-XX-DR-A-30001

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Existing Site Layout Plan

1:250 @ A1

ORIGINAL SHEET SIZE = A1

No:1
Dia:
Snr

REV	DATE	BY	CHK	ISSUED FOR	NOTES

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- Proposed Building
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JOB
Residential Development at
Redemption Road, Blackpool, Co. Cork

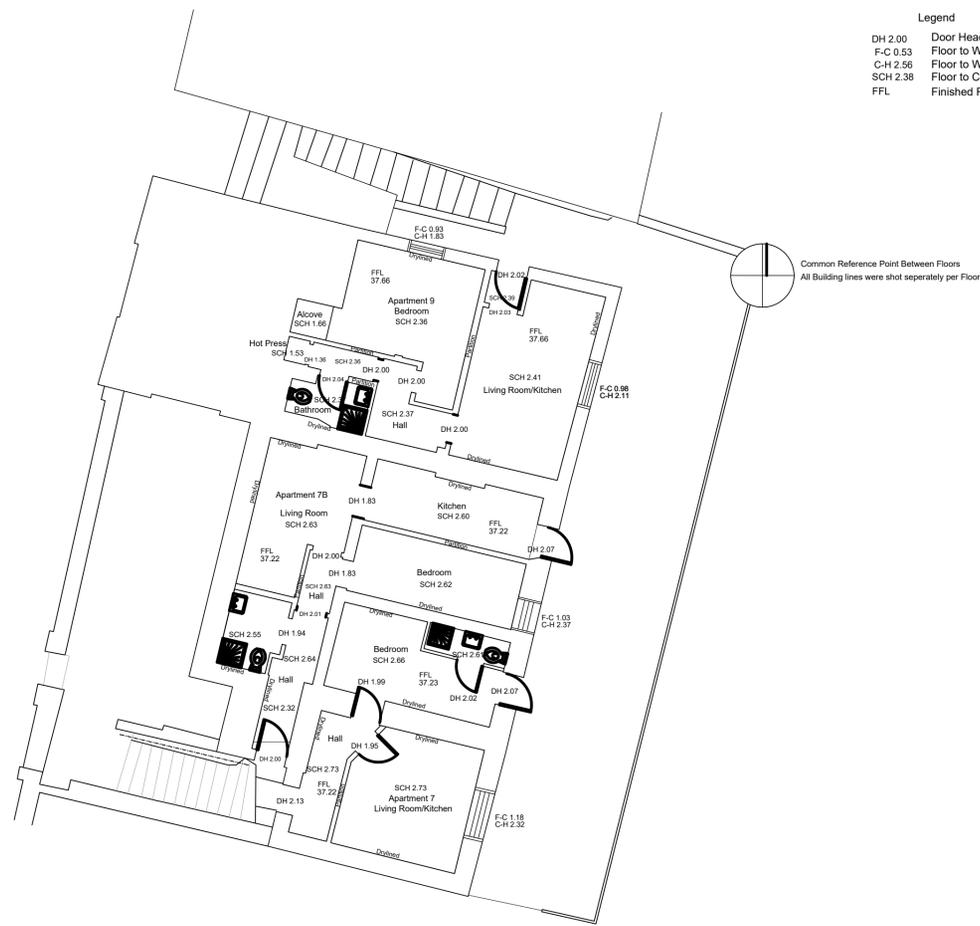
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HG Construction

3.0 PLANNING	
DRAWINGS Existing Site Layout Plan	
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CHECKED: [Name]	
DWG NUMBER P17-322C -RAU-00-XX-DR-A-30003	

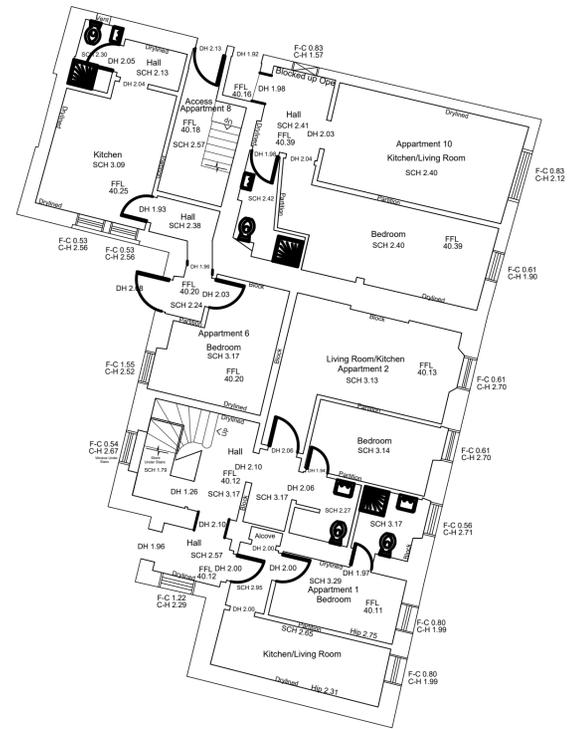
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E: cork@reddyarchitecture.com

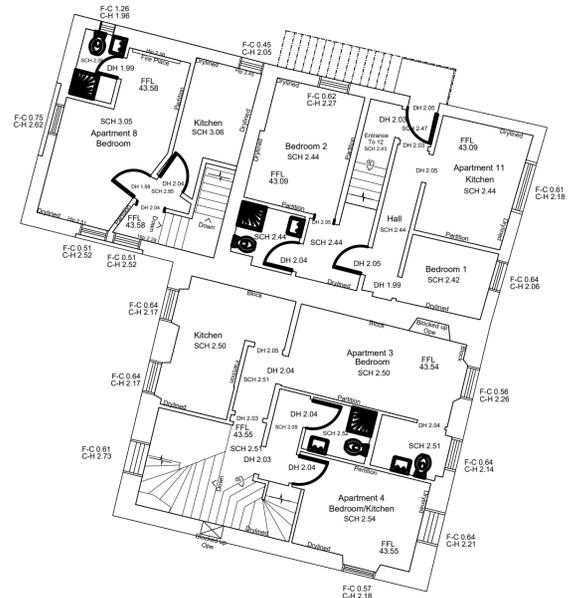
- Legend
- DH 2.00 Door Head Height
 - F-C 0.53 Floor to Window Cill Height
 - C-H 2.56 Floor to Window Head Height
 - SCH 2.38 Floor to Ceiling Height
 - FFL Finished Floor Level



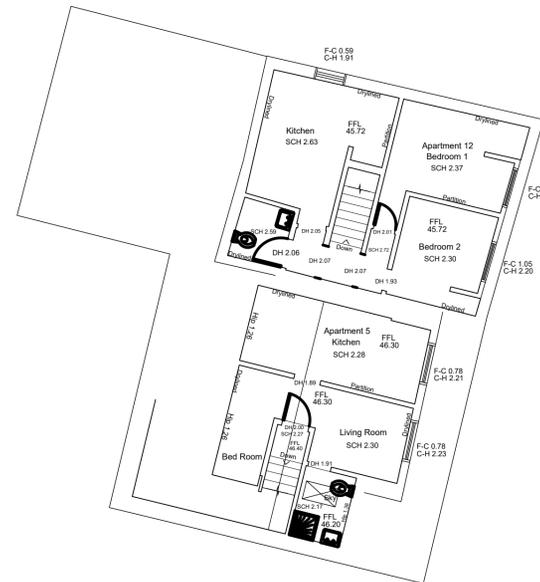
Basement



Ground Floor



First Floor



Second Floor

Existing Building Floor Plans

1:100 @ A1

NOTES

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REV.	DATE	BY	NOTES
1	2023.06.19	RA	ISSUED FOR PLANNING

JOB	
Residential Development at Redemption Road, Blackpool, Co. Cork	
CLIENT	
HG Construction	

3.0 PLANNING	
DRAWING	
Existing Building Floor Plans	
DATE	SCALE
2023.06.19	1:100@A1
DRAWN	REVISION
RA	A
CHECKED	BY
DWG NUMBER	
P17-322C -RAU-00- XX-DR-A-30003	

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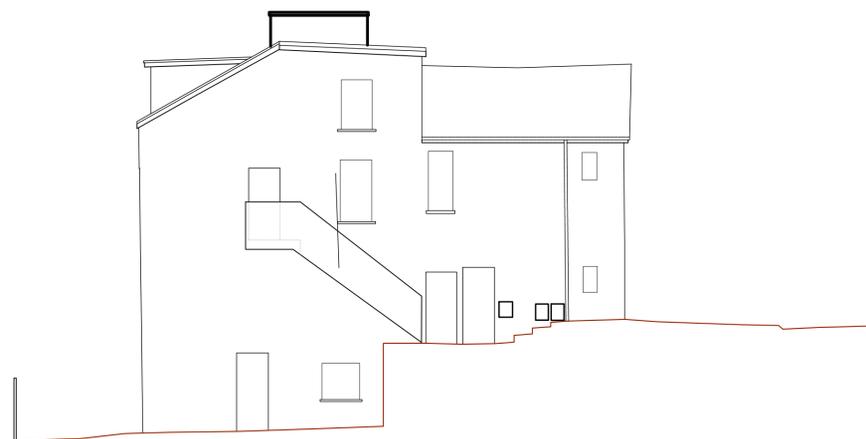
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ORIGINAL SHEET SIZE = A1



Existing Building Elevations

1:200 @ A1



Existing Building Elevations

1:100 @ A1

ORIGINAL SHEET SIZE = A1

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NOTES

REV	DATE	BY	NOTES

JOB	Residential Development at Redemption Road, Blackpool, Co. Cork
CLIENT	HG Construction

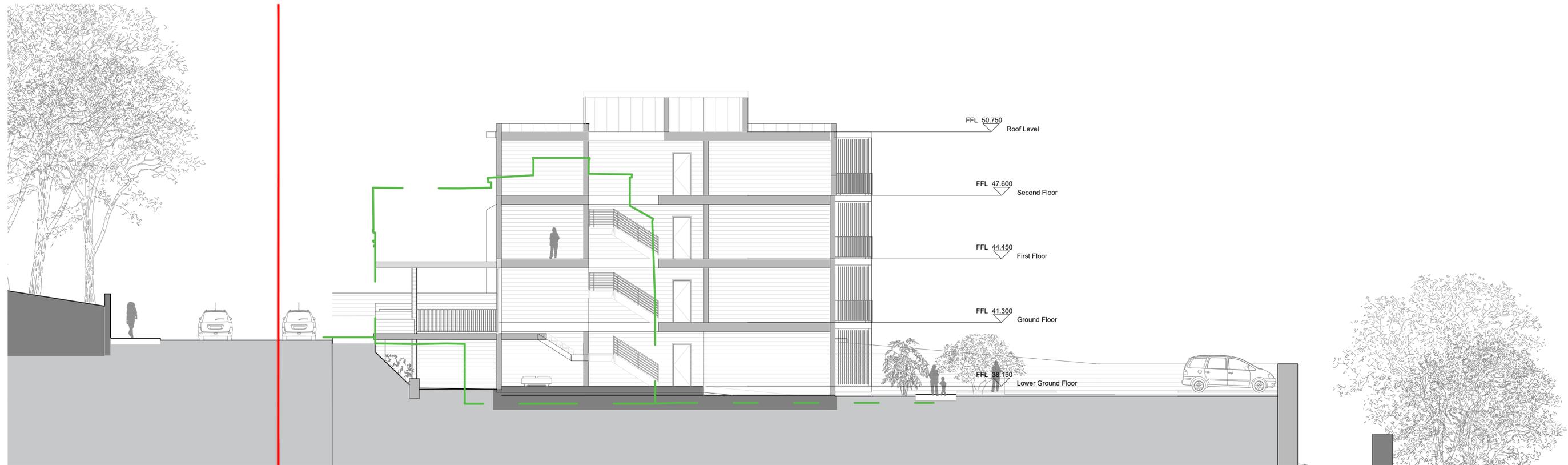
3.0 PLANNING	
DRAWING	
Existing Building Elevations	
DATE	2020-06-19
CHKD	SSS
CHKD BY	SSS
SCALE	As Shown (Based on Drawings)
REVISION	A
DWG NUMBER	P17-322C -RAU-00-XX-DR-A-30003



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PROPOSED SITE SECTION C-C
1:100 @ A1



EXISTING SITE SECTION D-D
1:100 @ A1

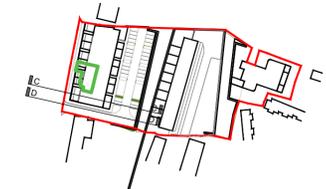
ORIGINAL SHEET SIZE = A1

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REV	DATE	BY	NOTES
1	2020.06.19	ER	ISSUED FOR PLANNING

NOTES

— EXISTING/ PROPOSED BUILDINGS



JOB	Residential Development at Redemption Road, Blackpool, Co. Cork
CLIENT	HG Construction

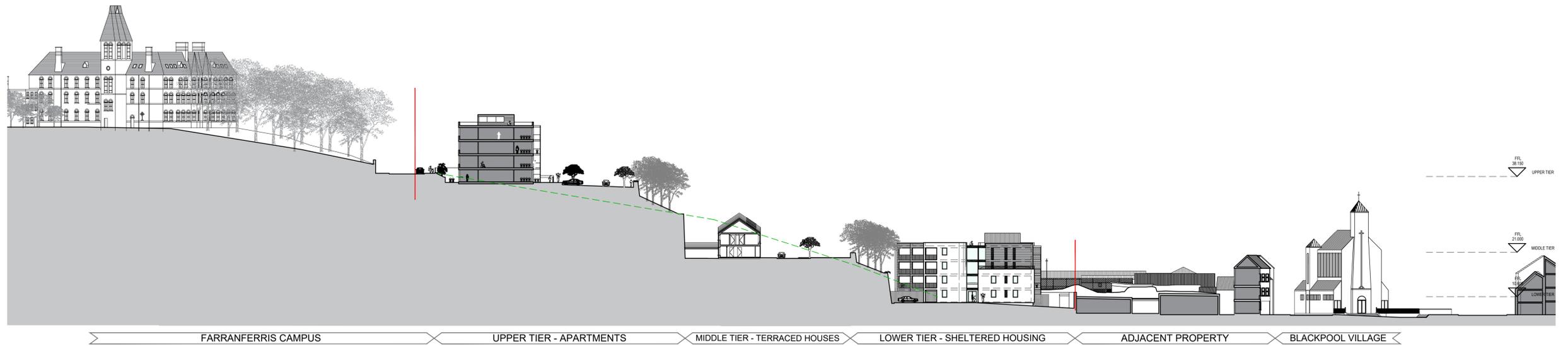
3.0 PLANNING	
DRAWING	
Contextual Sections 2	
DATE	SCALE
2020.06.19	1:100 @ A1
DRN	REVISION
BMC	A
CHECKED	ER
DWG NUMBER	
P17-322C -RAU-00-XX-DR-A-33002	

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HILLSIDE ELEVATION A-A
1:250 @ A1



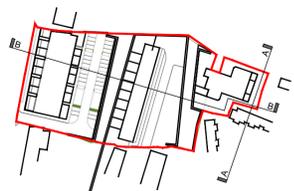
SITE SECTION B-B
1:500 @ A1

ORIGINAL SHEET SIZE = A1

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NOTES

NO.	DATE	BY	REVISION



JOB	
Residential Development at Redemption Road, Blackpool, Co. Cork	
CLIENT	
HG Construction	

3.0 PLANNING	
DRAWING	
Contextual Sections	
DATE	SCALE
2020.06.19	Scale on Sections
DRAWN	REVISION
BMC	A
CHECKED	
DWG NUMBER	
P17-322C -RAU-00-XX-DR-A-33001	

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WEST ELEVATION

1:100 @ A1



EAST ELEVATION

1:100 @ A1

ORIGINAL SHEET SIZE = A1

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NO.	DATE	BY	ISSUED FOR
1	2020 06 19	ER	ISSUED FOR PLANNING

- NOTES**
- LEGEND:**
- Existing Urban Fabric
 - Denotes Site Boundary
 - Demolition
 - Denotes Location of Site Notice

- MATERIAL FINISHES**
1. BLUE - GREY BRICK
 2. METAL WINDOWS + DOORS
 3. METAL COPINGS
 4. METAL CANOPY/ BALCONY
 5. CONCRETE MASONRY FINISH
 6. SELECTED COLOUR RENDER

JOB

Residential Development at
Redemption Road, Blackpool, Co. Cork

CLIENT

HG Construction

3.0 PLANNING

DRAWING

Middle Tier - Terraced Houses Elevation 1

DATE	2020 06 19	SCALE	1:100@A1
DRAWN	ER	CHECKED	REYBORN
CHECKED	ER	DATE	A
DWG NUMBER	P17-322C -RAU-02-XX-DR-A-30001		

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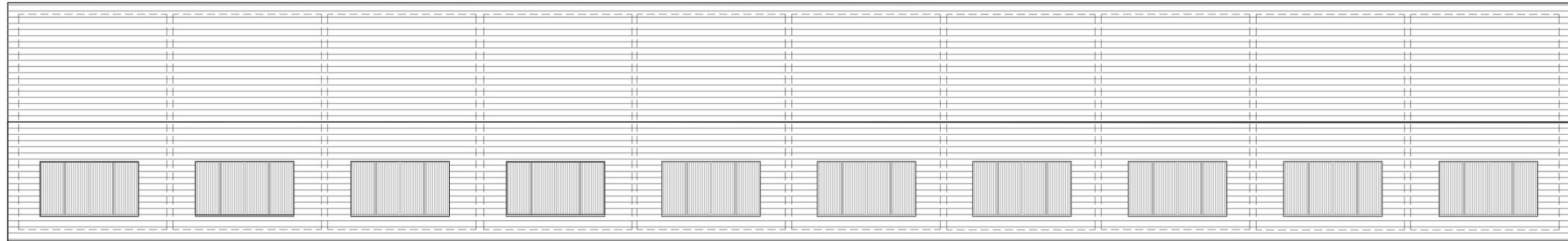
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61600

9400



ROOF PLAN
1:100 @ A1

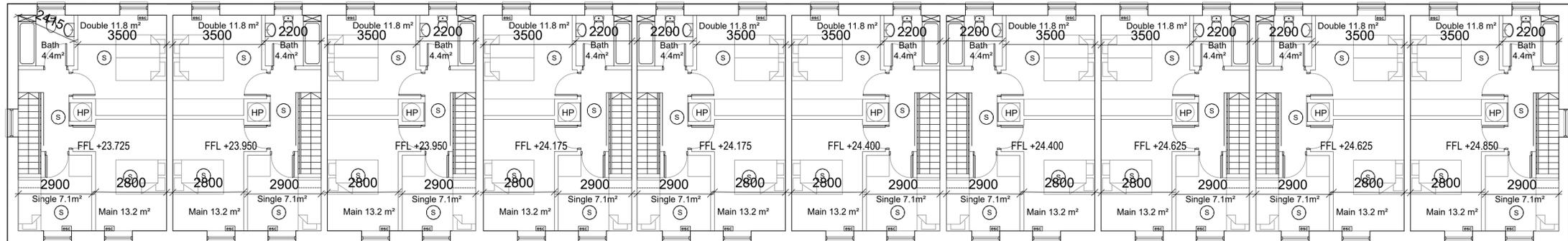


61600

9400



FIRST FLOOR PLAN
1:100 @ A1



House No. 10
Area 102 m²
Garden 104.1 m²

House No. 9
Area 102 m²
Garden 45.4 m²

House No. 8
Area 102 m²
Garden 45.4 m²

House No. 7
Area 102 m²
Garden 45.4 m²

House No. 6
Area 102 m²
Garden 45.4 m²

House No. 5
Area 102 m²
Garden 45.4 m²

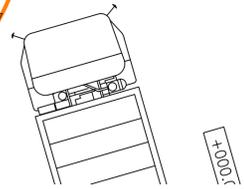
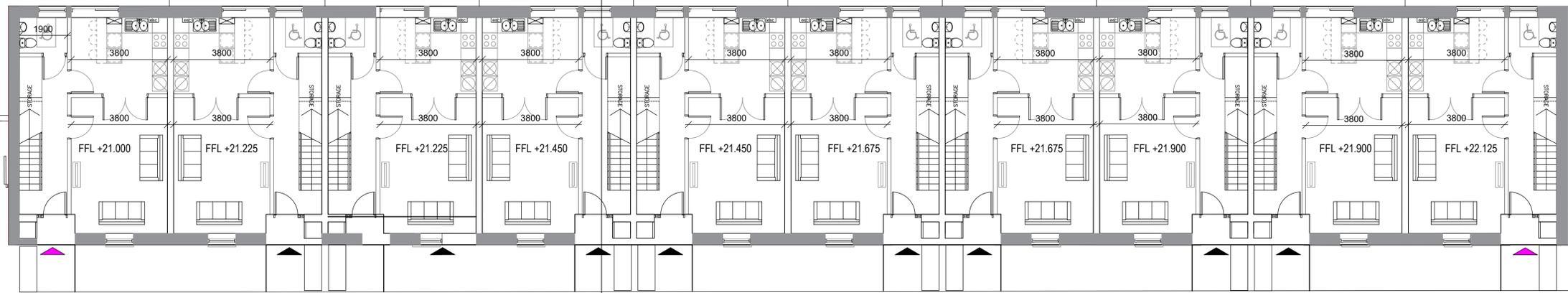
House No. 4
Area 102 m²
Garden 45.4 m²

House No. 3
Area 102 m²
Garden 45.4 m²

House No. 2
Area 102 m²
Garden 45.4 m²

House No. 1
Area 102 m²
Garden 108.3 m²

61615



GROUND FLOOR PLAN
1:100 @ A1



ORIGINAL SHEET SIZE = A1

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NO.	DATE	BY	ISSUED FOR	REVISIONS
1	2020 06 19	ER	ISSUED FOR PLANNING	

NOTES

- LEGEND:
- Existing Urban Fabric
 - Denotes Site Boundary
 - Demolition
 - Denotes Location of Site Notice

MATERIAL FINISHES

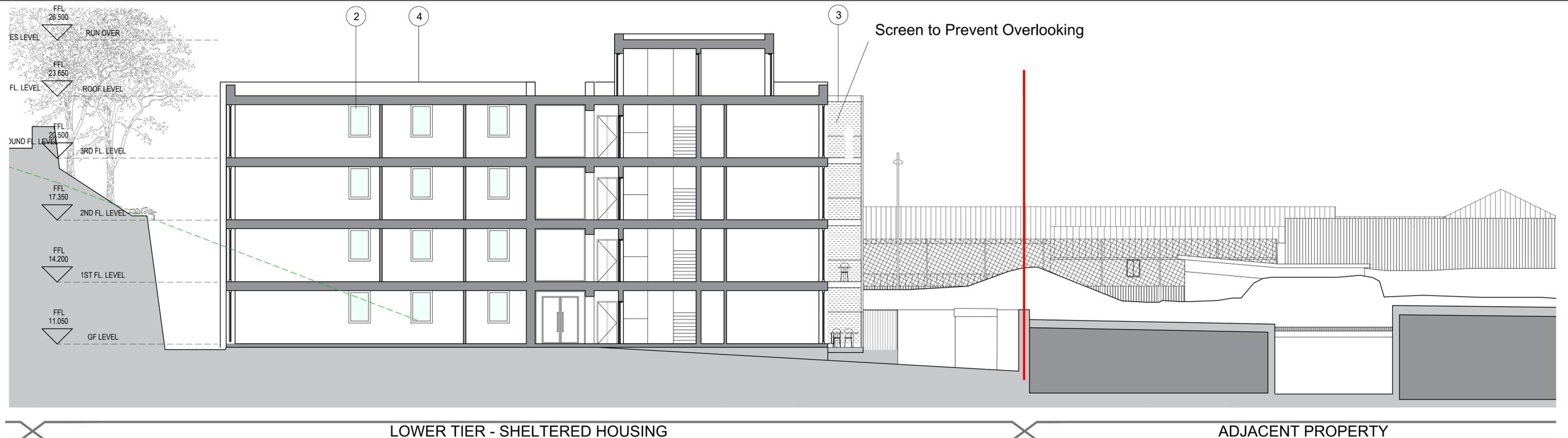
1. BLUE - GREY BRICK
2. METAL WINDOWS + DOORS
3. METAL COPINGS
4. METAL CANOPY/ BALCONY
5. CONCRETE MASONRY FINISH
6. SELECTED COLOUR RENDER

JOB	Residential Development at Redemption Road, Blackpool, Co. Cork
CLIENT	HG Construction

3.0 PLANNING	
DRAWING Middle Tier - Terraced Houses Plans	
DATE	2020 06 19
DRW	ER
CHECKED	ER
DWG NUMBER	P17-322C -RAU-02- XX-DR-A-30001
SCALE	1:100 @ A1
REVISION	A

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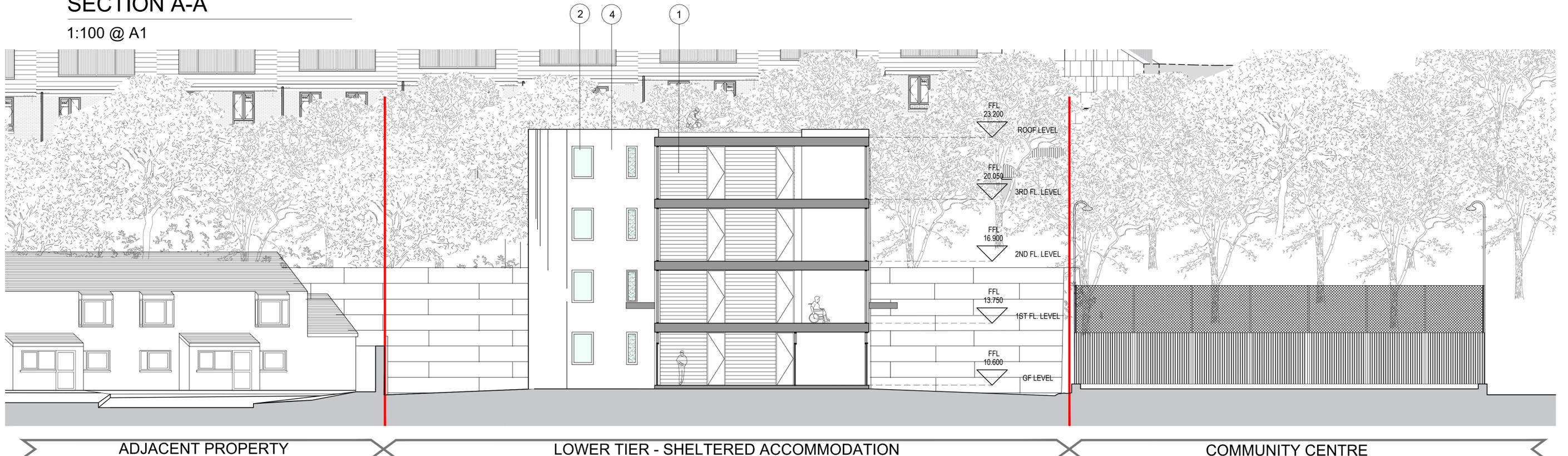


LOWER TIER - SHELTERED HOUSING

ADJACENT PROPERTY

SECTION A-A

1:100 @ A1



ADJACENT PROPERTY

LOWER TIER - SHELTERED ACCOMMODATION

COMMUNITY CENTRE

SECTION B-B

1:100 @ A1

ORIGINAL SHEET SIZE = A1

NOTES

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NO.	DATE	BY	REVISION

- MATERIAL FINISHES**
1. BLUE - GREY BRICK
 2. METAL WINDOWS + DOORS
 3. METAL CANOPY/ BALCONY
 4. SELECTED COLOUR RENDER

JOB
 Residential Development at
 Redemption Road, Blackpool, Co. Cork

CLIENT
 HG Construction

3.0 PLANNING

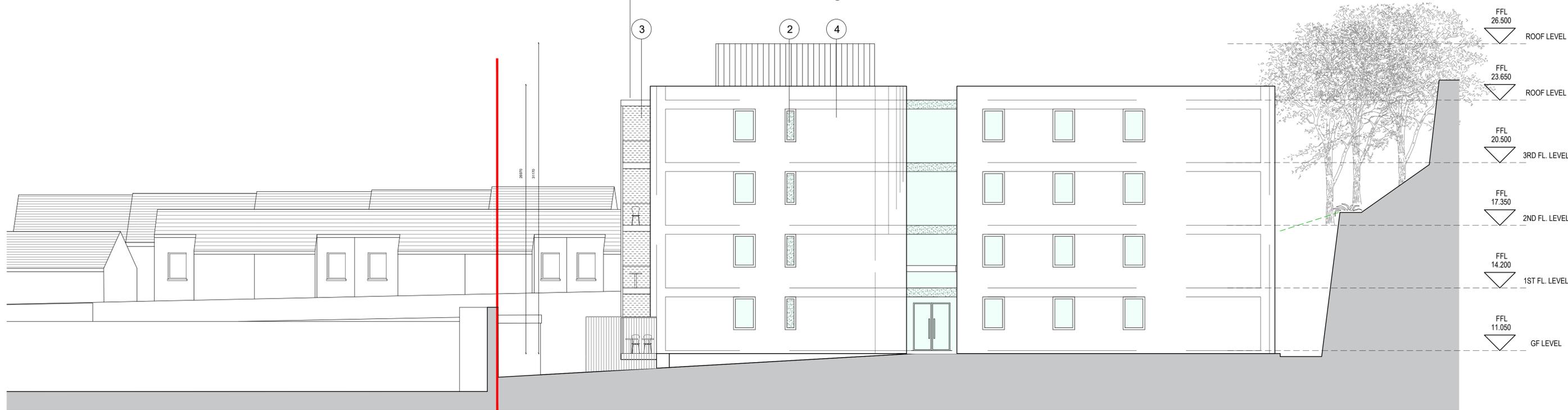
DRAWING
 Lower Tier Section AA & BB

DATE	2020 06 10	SCALE	1:100(A1)
DRAWN	SMC	CHECKED	REVISON
CHECKED	ER		A
DWG NUMBER	P17-322C -RAU-03- XX-DR-A-32002		

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Screen to Prevent Overlooking

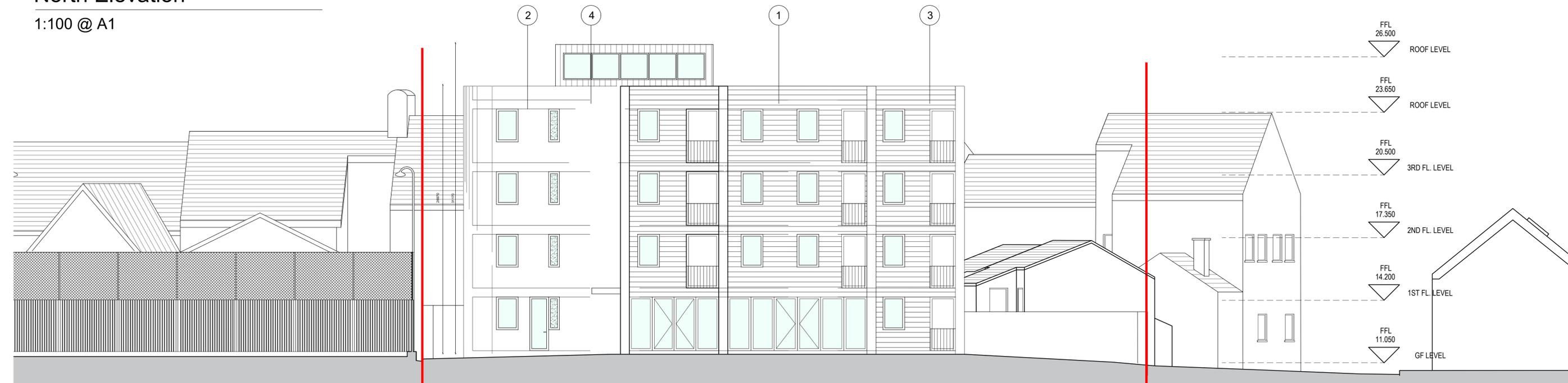


ADJACENT PROPERTY

LOWER TIER - SHELTERED ACCOMMODATION

North Elevation

1:100 @ A1



COMMUNITY CENTRE

LOWER TIER - SHELTERED ACCOMMODATION

ADJACENT PROPERTY

West Elevation

1:100 @ A1

ORIGINAL SHEET SIZE = A1

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NOTES

MATERIAL FINISHES

1. BLUE - GREY BRICK
2. METAL WINDOWS + DOORS
3. METAL CANOPY/ BALCONY
4. SELECTED COLOUR RENDER

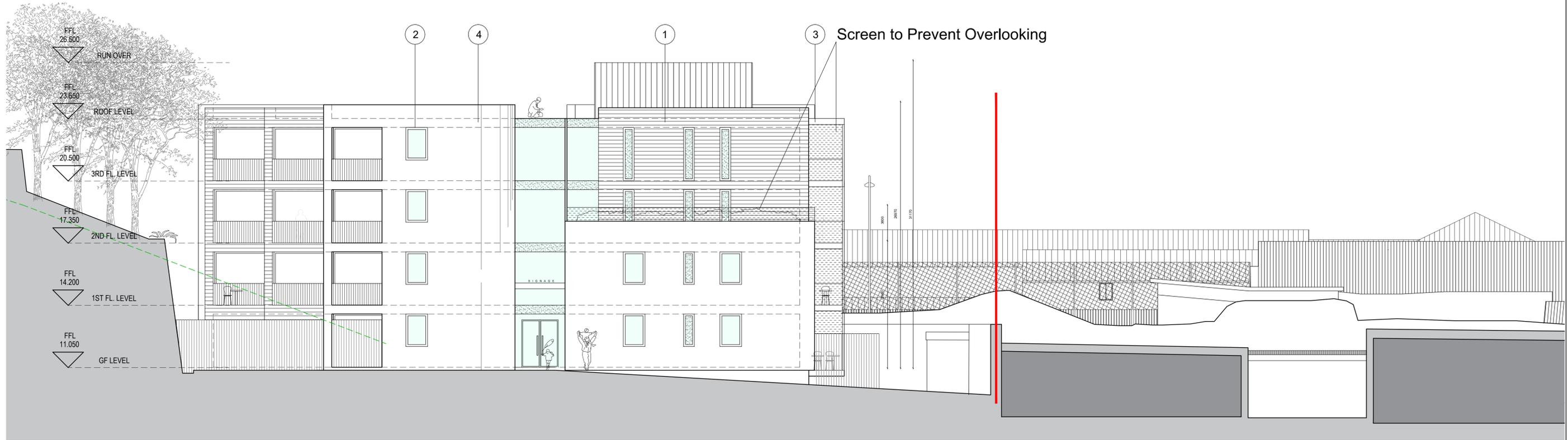
NO.	DATE	BY	REVISIONS

JOB	Residential Development at Redemption Road, Blackpool, Co. Cork
CLIENT	HG Construction

3.0 PLANNING	
Drawing: Lower Tier North East & West East Elevations	
DATE	2020 06 19
SCALE	1:100 @ A1
DRN	MAC
CHECKED	ER
DWG NUMBER	P17-322C -RAU-03- XX-DR-A-32002

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LOWER TIER - SHELTERED HOUSING

ADJACENT PROPERTY

South Elevation

1:100 @ A1



HATTONS ALLEY LANE

LOWER TIER - SHELTERED ACCOMMODATION

COMMUNITY CENTRE

East Elevation

1:100 @ A1

NOTES

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NO.	DATE	BY	REVISION

- MATERIAL FINISHES**
1. BLUE - GREY BRICK
 2. METAL WINDOWS + DOORS
 3. METAL CANOPY/ BALCONY
 4. SELECTED COLOUR RENDER

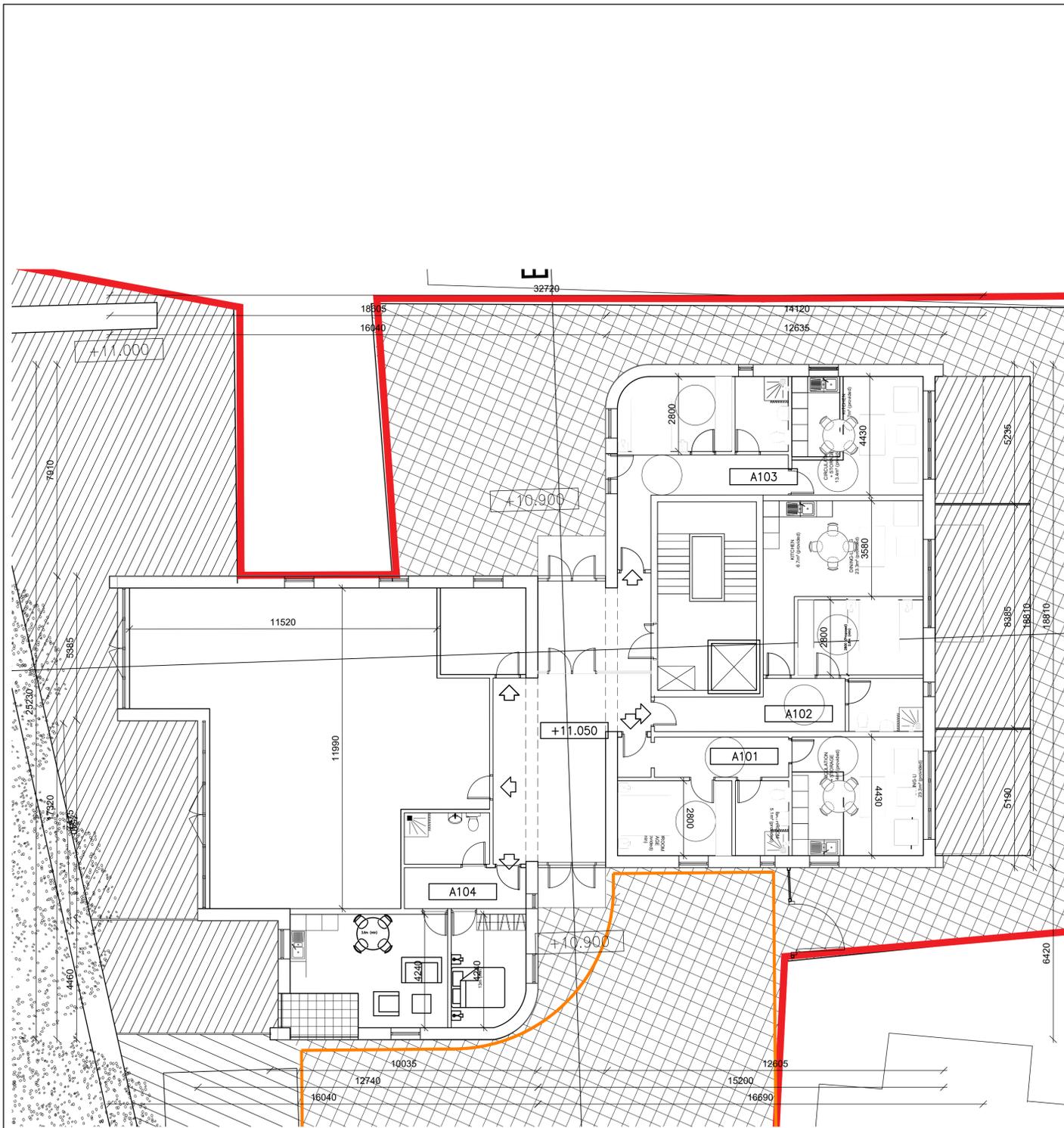
JOB	
Residential Development at Redemption Road, Blackpool, Co. Cork	
CLIENT	
HG Construction	

3.0 PLANNING	
DRAWING	
Lower Tier South and East Elevation	
DATE	SCALE
2020 06 19	1:100(A1)
DRAWN	BY
SMC	REYBORN
CHECKED	ER
DWG NUMBER	
P17-322C -RAU-03- XX-DR-A-32002	

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ORIGINAL SHEET SIZE = A1



Ground Floor Plan

1:100 @ A1



First Floor Plan

1:100 @ A1



ORIGINAL SHEET SIZE = A1

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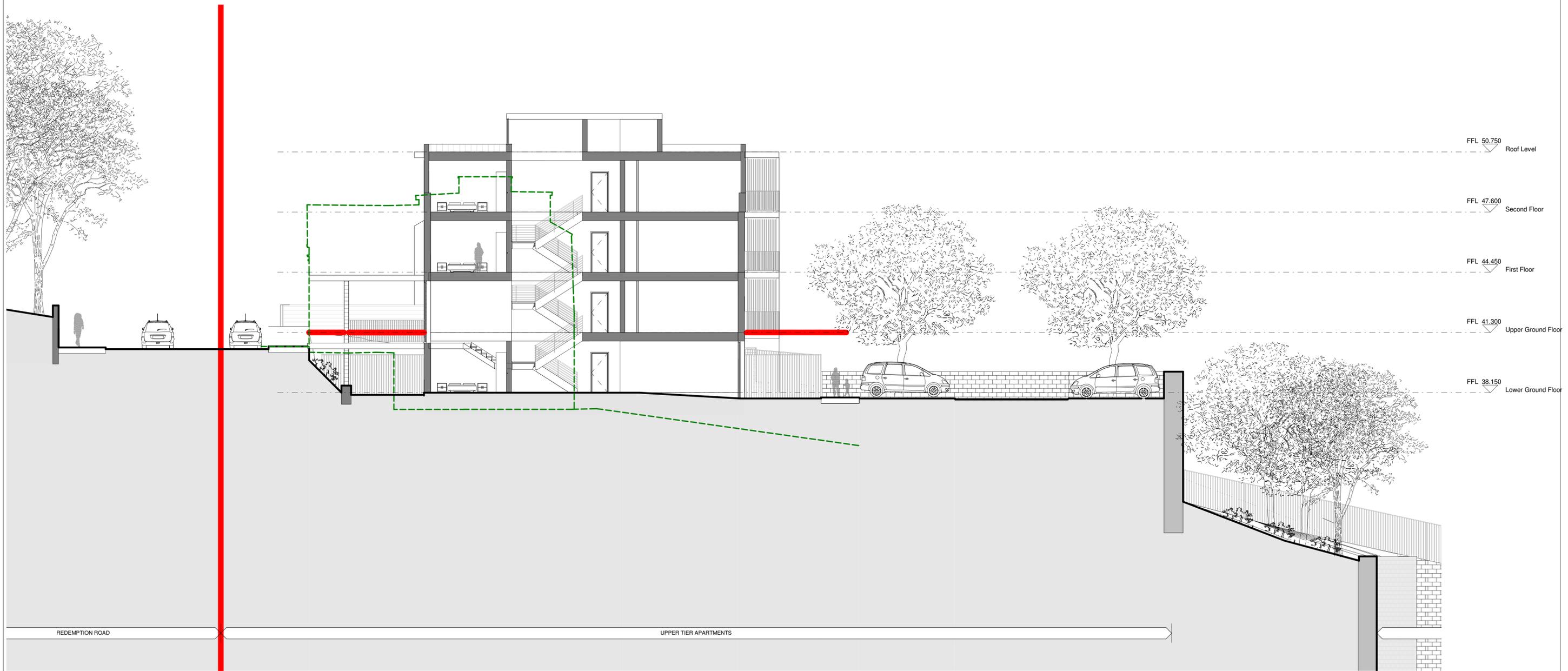
REV	DATE	BY	NOTES
A	2020.08.19	ER	ISSUED FOR PLANNING

JOB Residential Development at Redemption Road, Blackpool, Co. Cork	
CLIENT HG Construction	

3.0 PLANNING	
DRAWING Lower Tier Ground and First Floor Plans	
DATE 2020.08.19	SCALE 1:100@A1
DRN ER	REVISION A
CHECKED ER	
DWG NUMBER P17-322C-RAU-03-ZZ-DR-A-31002	

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1 Section H-H _
1 : 100

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Drawing Notes:

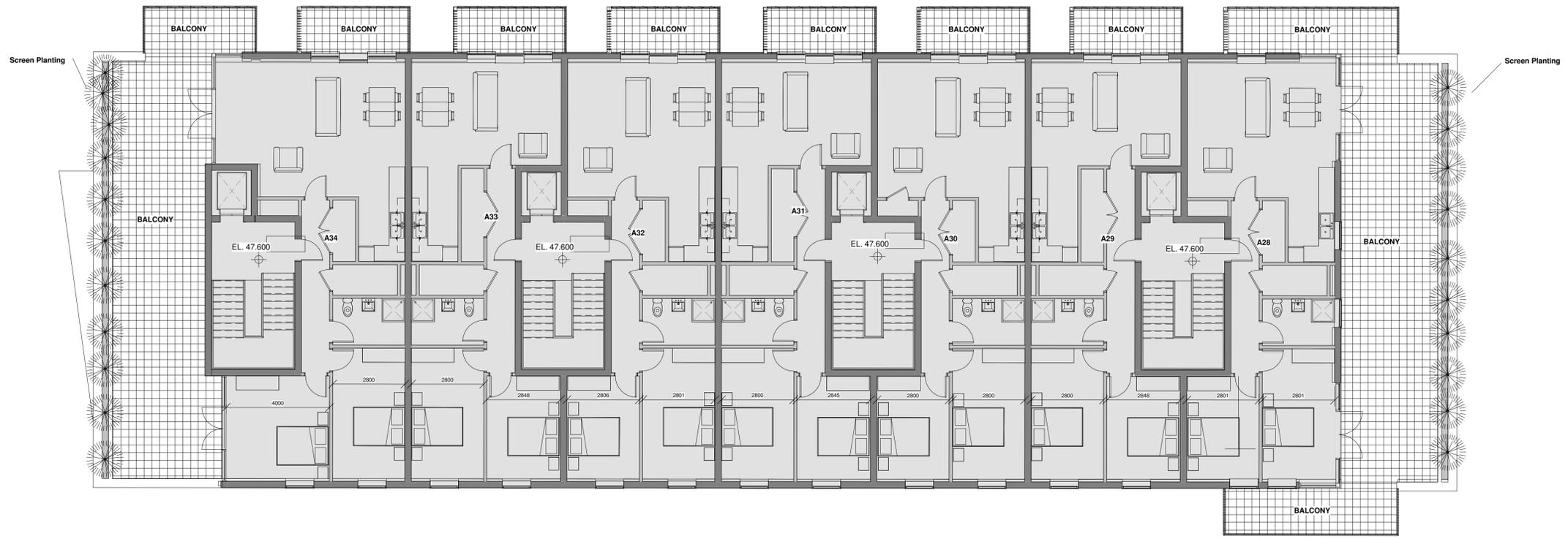
Rev	Date	DRN	Description
A	2020.06.19	ER	Issued for Planning

Client Details: HG Construction
Project Details: Residential Development at Redemption Road Housing Cork

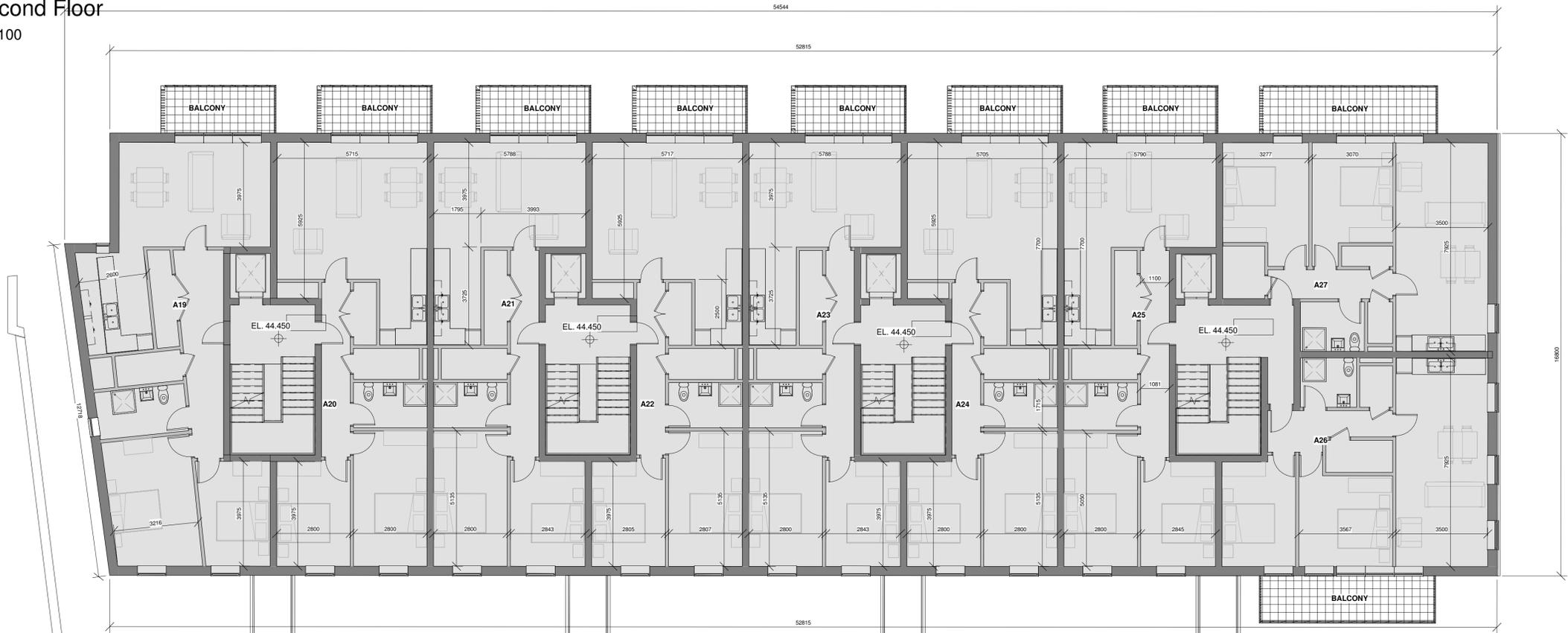
Drawing Title: Upper Tier - Section H-H		
Job No: 17-322C	Date: 06/19/20	Scale@A1: 1 : 100
Status:	Drawn By: SMC	Checked By: ER
Purpose: For Planning	Drawing Number: 17-322C-32113	Revision: A



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2 Second Floor
1 : 100



1 First Floor
1 : 100

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Drawing Notes:

Rev	Date	DRN	Description
A	2020.06.19	ER	Issued for Planning

Client Details:
HG Construction

Project Details:
Residential Development at Redemption Road Housing Cork

Drawing Title:
Upper Tier - First & Second Floor Plan

Job No: 17-322C	Date: 06/19/20	Scale@A1: 1 : 100
Status:	Drawn By: SMC	Checked By: ER
Purpose: For Planning	Revision: A	
Drawing Number: 17-322C-32106		

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1 East Elevation (Footpath) _
1 : 100

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Rev	Date	DRN	Description
A	2020.06.19	ER	Issued for Planning

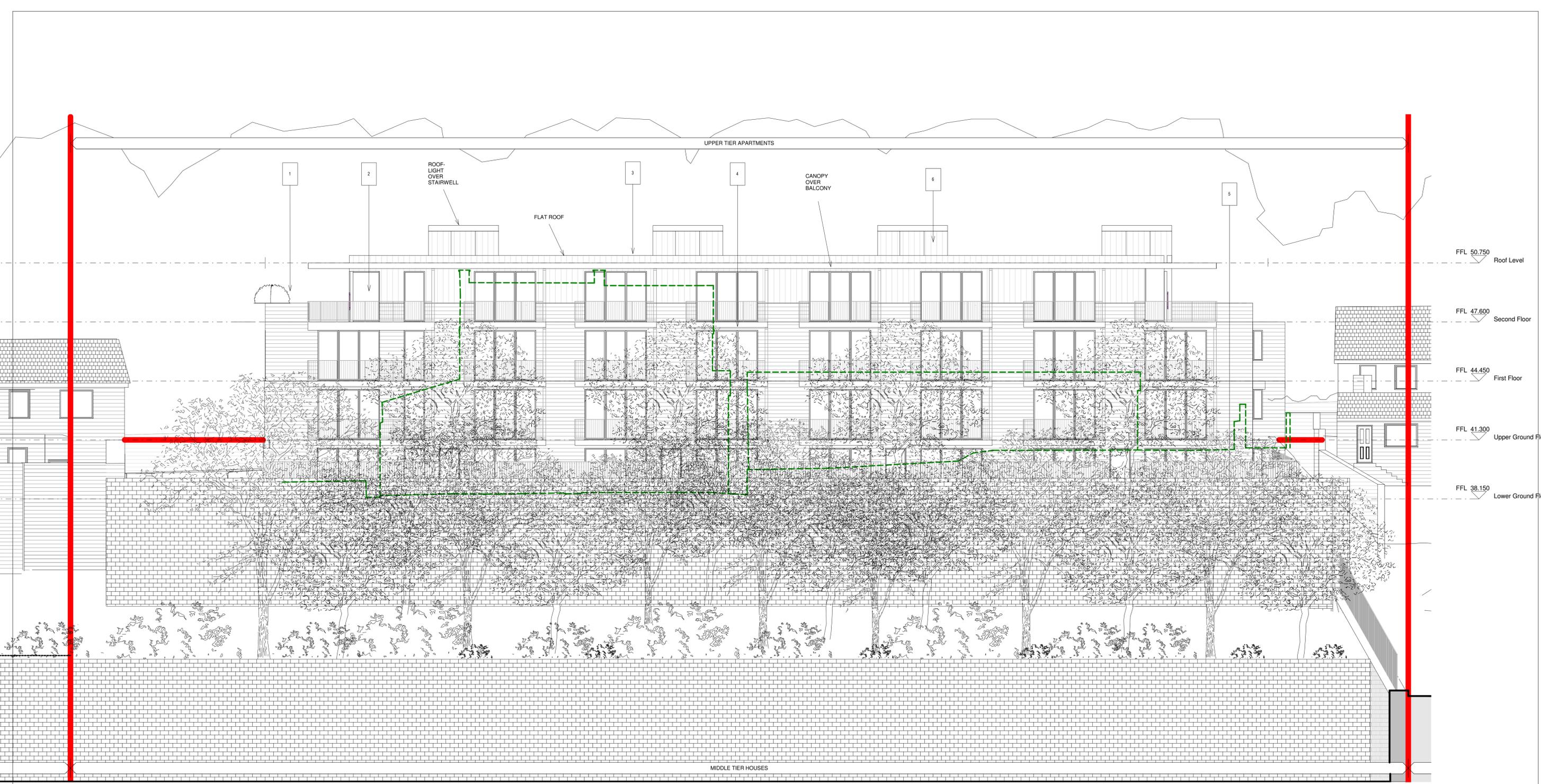
Drawing Notes:

- MATERIAL FINISHES:**
- 1 Blue -Grey Brick
 - 2 Metal Windows + Doors
 - 3 Metal Copings
 - 4 Metal Canopy/Balcony
 - 5 Concrete Masonry Finish

Client Details: HG Construction
Project Details: Residential Development at Redemption Road Housing Cork

Drawing Title: Upper Tier - Footpath Elevation		
Job No: 17-322C	Date: 06/19/20	Scale@A1: 1 : 100
Status:	Drawn By: SMC	Checked By: ER
Purpose: For Planning	Revision:	A
Drawing Number: 17-322C-32116		

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1 East Elevation (Landscape Zone) _
1 : 100

Notes:
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A	2020.06.19	ER	Issued for Planning
Rev	Date	DRN	Description

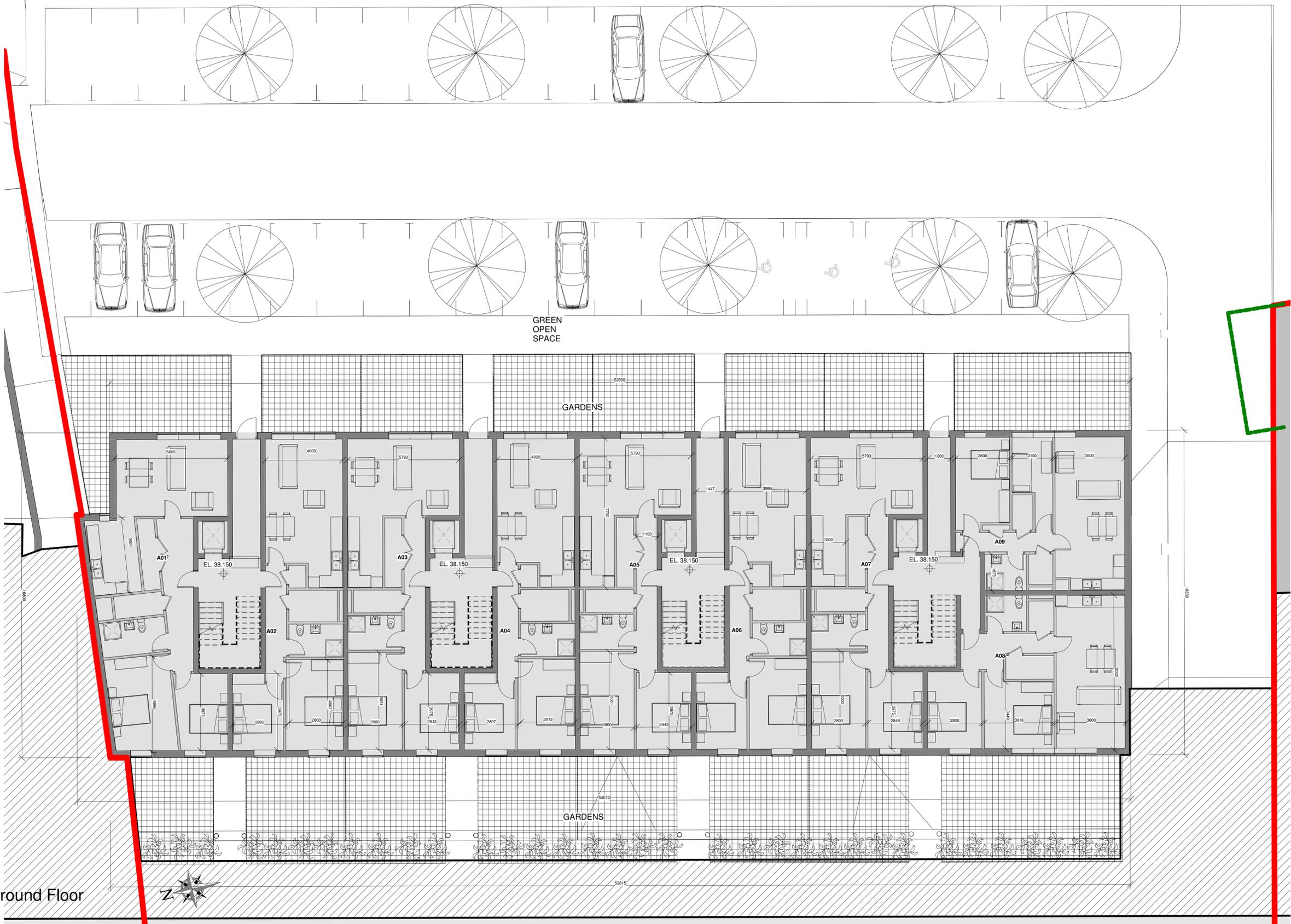
Drawing Notes:

- MATERIAL FINISHES:**
- 1 Blue-Grey Brick
 - 2 Metal Windows + Doors
 - 3 Metal Copings
 - 4 Metal Canopy/Balcony
 - 5 Concrete Masonry Finish

Client Details: HG Construction
Project Details: Residential Development at Redemption Road Housing Cork

Drawing Title: Upper Tier - Landscape Zone Elevation		
Job No: 17-322C	Date: 06/19/20	Scale@A1: 1 : 100
Status:	Drawn By: SMC	Checked By: ER
Purpose: For Planning	Revision:	A
Drawing Number: 17-322C-32115		

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1 Lower Ground Floor
1 : 100

Notes:
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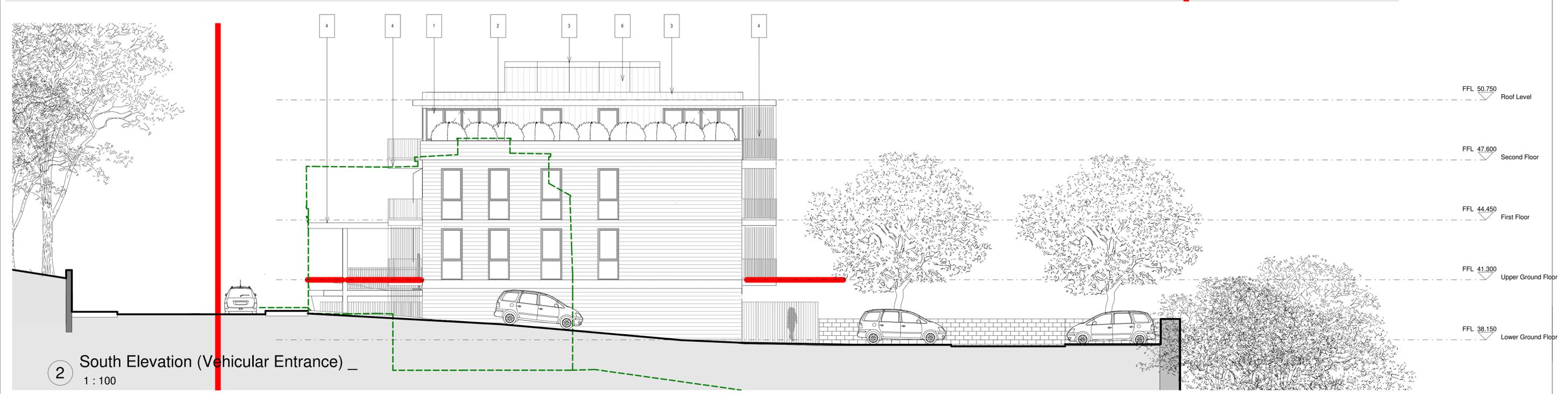
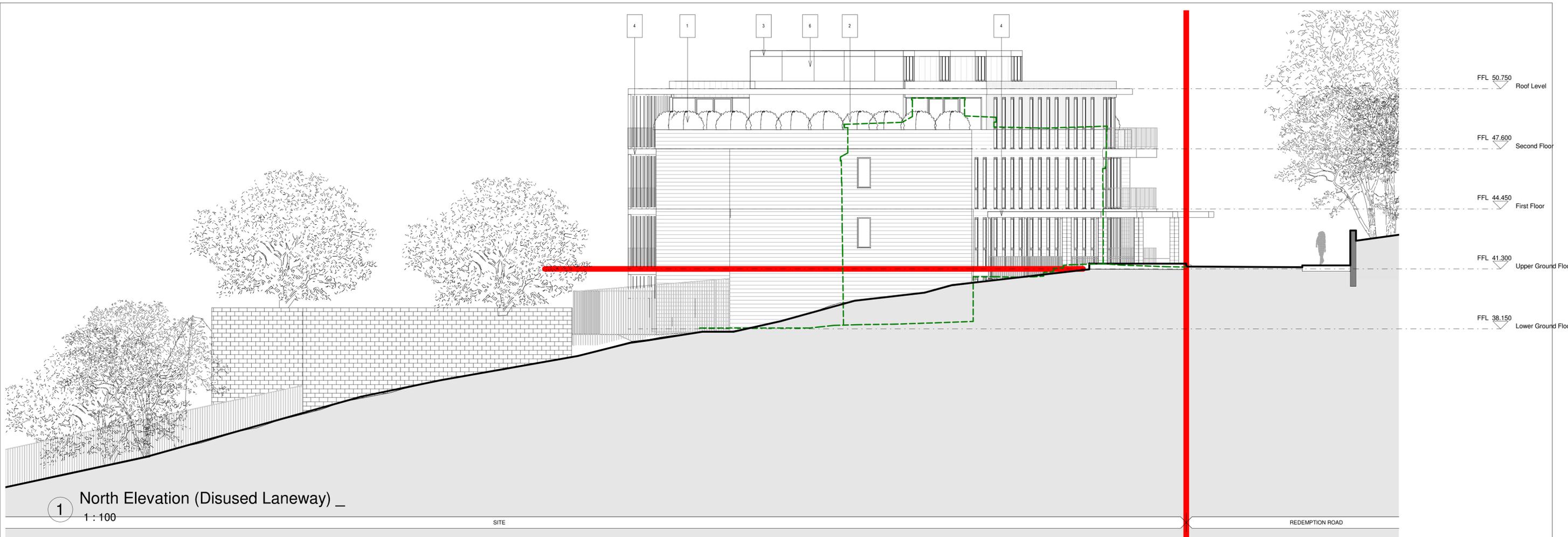
Rev	Date	DRN	Description
A	2020.06.19	ER	Issued for Planning

Drawing Notes:

Client Details: HG Construction
Project Details: Residential Development at Redemption Road Housing Cork

Drawing Title: Upper Tier - Lower Ground Floor Plan		
Job No: 17-322C	Date: 06/19/20	Scale@A1: 1 : 100
Status:	Drawn By: SMC	Checked By: ER
Drawing Number: 17-322C-32104	Revision: A	

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Drawing Notes:

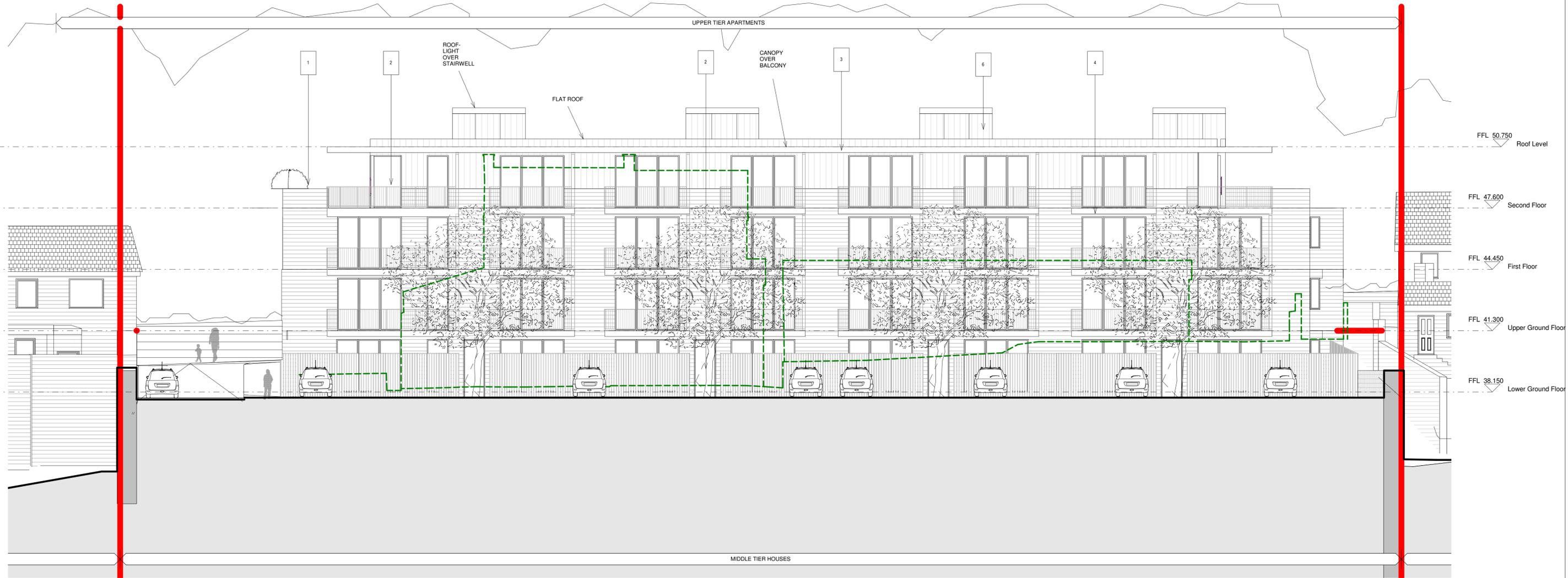
Rev	Date	DRN	Description
A	2020.06.19	ER	Issued for Planning

- MATERIAL FINISHES:**
- 1 Blue -Grey Brick
 - 2 Metal Windows + Doors
 - 3 Metal Copings
 - 4 Metal Canopy/Balcony
 - 5 Concrete Masonry Finish

Client Details: HG Construction
Project Details: Residential Development at Redemption Road Housing Cork

Drawing Title: Upper Tier - North/ South Elevations		
Job No: 17-322C	Date: 06/19/20	Scale@A1: 1 : 100
Status:	Drawn By: SMC	Checked By: ER
Purpose: For Planning	Revision:	A
Drawing Number: 17-322C-32112		

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2 East Elevation (Parking Area) _
1 : 100

Notes:
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Drawing Notes:

MATERIAL FINISHES:

- 1 Blue - Grey Brick
- 2 Metal Windows + Doors
- 3 Metal Copings
- 4 Metal Canopy/Balcony
- 5 Concrete Masonry Finish

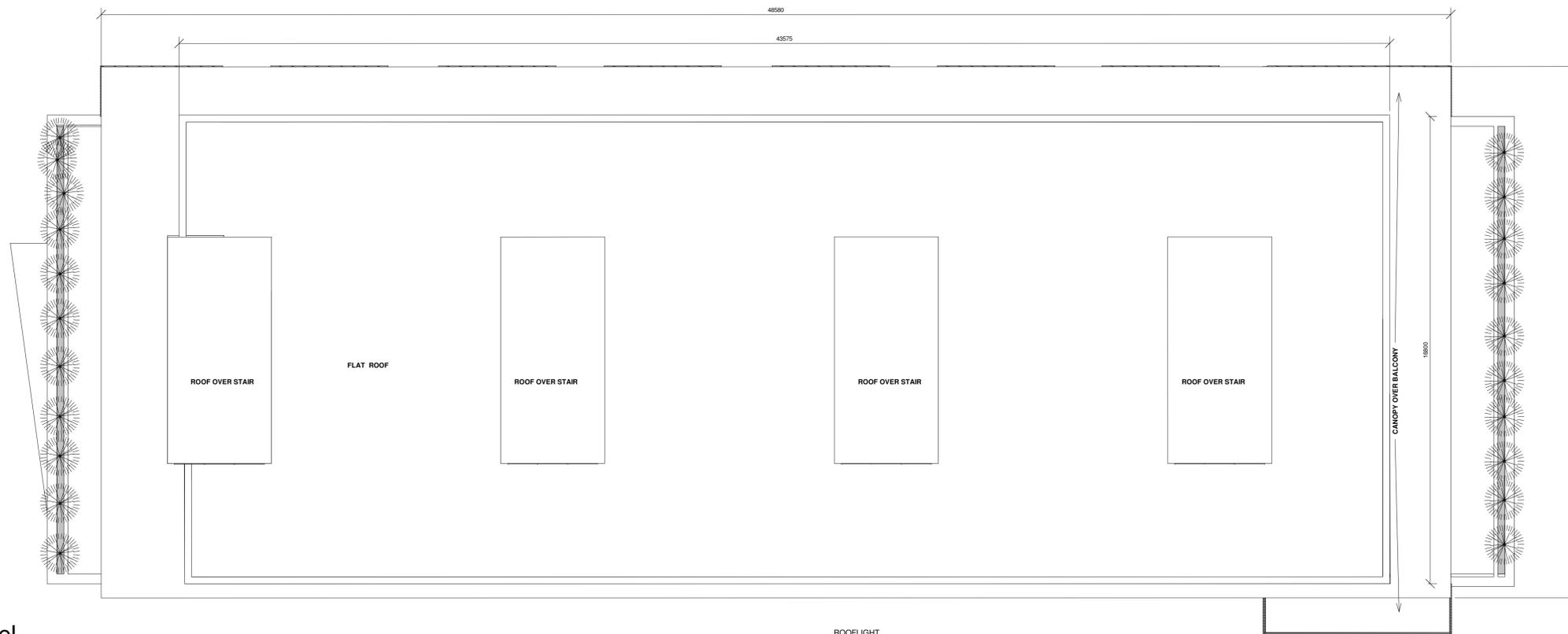
Rev	Date	DRN	Description
A	2020.06.19	ER	Issued for Planning

Client Details: HG Construction
Project Details: Residential Development at Redemption Road Housing Cork

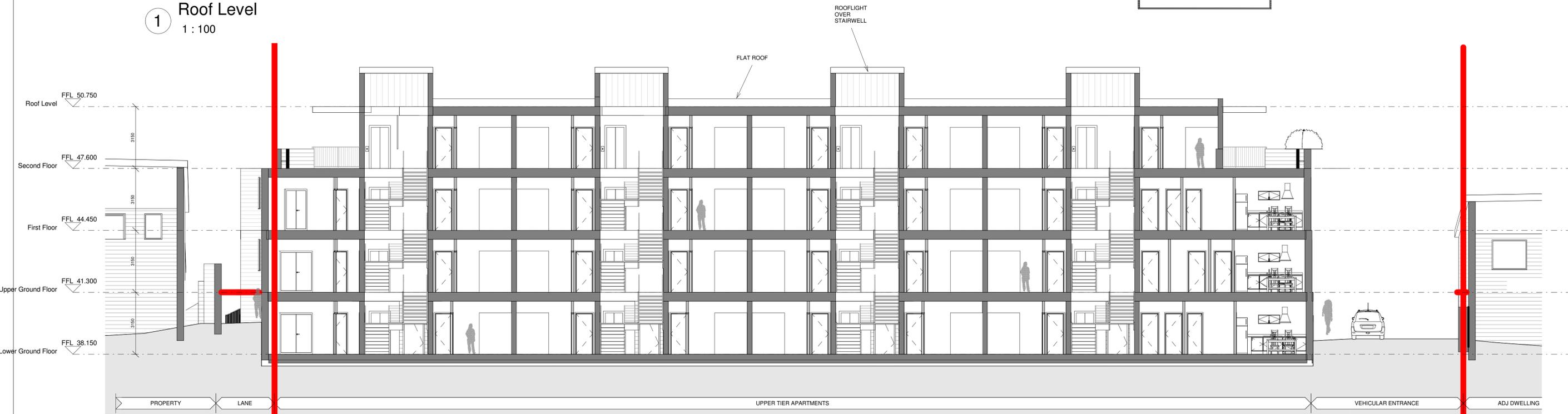
Drawing Title: Upper Tier - Parking Area Elevation		
Job No: 17-322C	Date: 06/19/20	Scale@A1: 1 : 100
Status:	Drawn By: SMC	Checked By: ER
Purpose: For Planning	Drawing Number: 17-322C-32114	Revision: A

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1 Roof Level
1 : 100



2 Section C-C _
1 : 100

Notes:
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Drawing Notes:

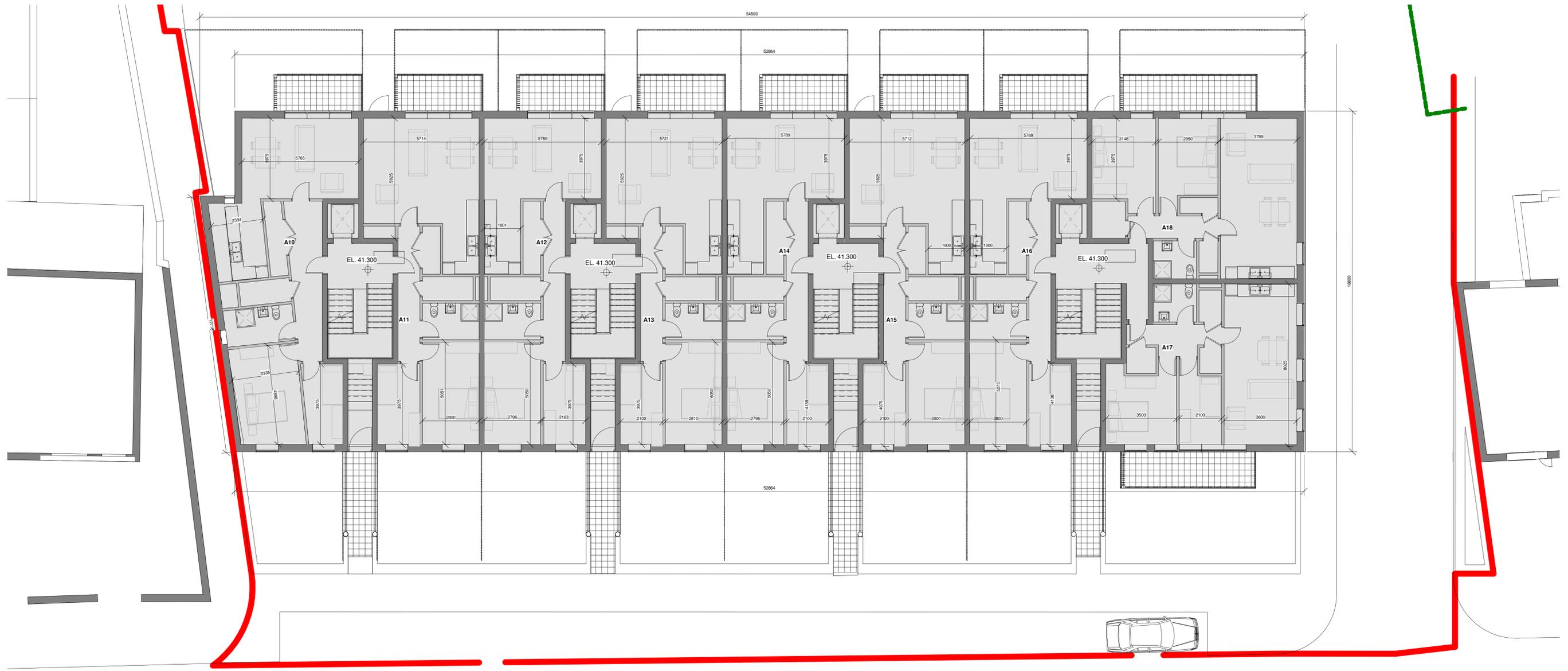
Rev	Date	DRN	Description
A	2020.06.19	ER	Issued for Planning

Client Details: HG Construction
Project Details: Residential Development at Redemption Road Housing Cork

Drawing Title: Upper Tier - Roof Plan & Section C-C		
Job No: 17-322C	Date: 06/19/20	Scale@A1: 1 : 100
Status:	Drawn By: SMC	Checked By: ER
Purpose: For Planning	Revision	A
Drawing Number: 17-322C-32107		

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1 Upper Ground Floor
1 : 100



Notes:
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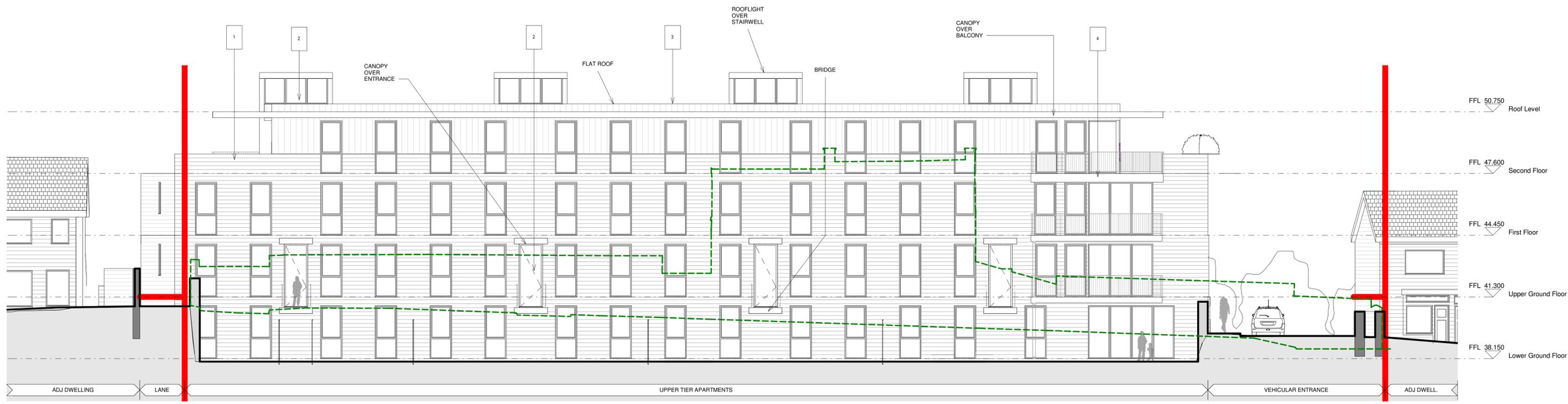
Rev	Date	DRN	Description
A	2020.06.19	ER	Issued for Planning

Drawing Notes:

Client Details: HG Construction	Drawing Title: Upper Tier - Upper Ground Floor Plan
Project Details: Residential Development at Redemption Road Housing Cork	Job No: 17-322C
	Date: 06/19/20
	Scale@A1: 1 : 100
	Drawn By: SMC
	Checked By: ER
	Revision: A
	Drawing Number: 17-322C-32105



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1 West Elevation (Courtyards Area) _
1 : 100



2 West Elevation (Redemption Road) _
1 : 100

Notes:
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Drawing Notes:

- MATERIAL FINISHES:**
- 1 Blue -Grey Brick
 - 2 Metal Windows + Doors
 - 3 Metal Copings
 - 4 Metal Canopy/Balcony
 - 5 Concrete Masonry Finish

Rev	Date	DRN	Description
A	2020.06.19	ER	Issued for Planning

Client Details: HG Construction
Project Details: Residential Development at Redemption Road Housing Cork

Drawing Title: Upper Tier - West Elevations		
Job No: 17-322C	Date: 06/19/20	Scale@A1: 1 : 100
Status:	Drawn By: SMC	Checked By: ER
Purpose: For Planning	Revision:	A
Drawing Number: 17-322C-32111		

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