

1-7 HOLLYWOOD DRIVE

KNOCKNAHEENY, CORK

PROJECT COORDINATION POINT
X:572283.957 Y: 564781.091 Z: 0

LEVEL 0 FFL's: 105.550,105.775,106.000,106.225



Do not scale from drawings. Use dimensioned figure only.
Contractor to check all dimensions on site.
City Architect to be informed of any discrepancies before
work proceeds

Notes

Rev.	Description	Date

CITY ARCHITECTS DEPARTMENT

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Email: city_architect@corkcity.ie
TONY DUGGAN, CITY ARCHITECT,
CORK CITY COUNCIL, CITY HALL, CORK



Team Leader	Tony Duggan
Project Architects	Cathal O' Boyle, Maeve Mansfield
Project Technicians	Denis Gould
Project Supervisor (PSDP)	DJF Engineering Services
Quantity Surveyor	Tony O'Regan & Assoc
Civil / Structural Consultant	DJF Engineering Services
M & E Consultant	Matt O'Mahony & Assoc
Landscape Architect	
Fire Consultant	

Title SPLASH SHEET	Scale	
	Date	June 2020
	Drawn By	DG
	Checked By	COB
Plotfiles Ref.		

Drawing Status	Job No.	Drawing No.	Rev.
PART 8	-	***	

Project
1-7 HOLLYWOOD DRIVE INFILL
HOUSING PROJECT

DRAWING ISSUE SHEET

Project:

1-7 HOLLYWOOD DRIVE, KNOCKNAHEENY, CORK

Job Number:

Signed:

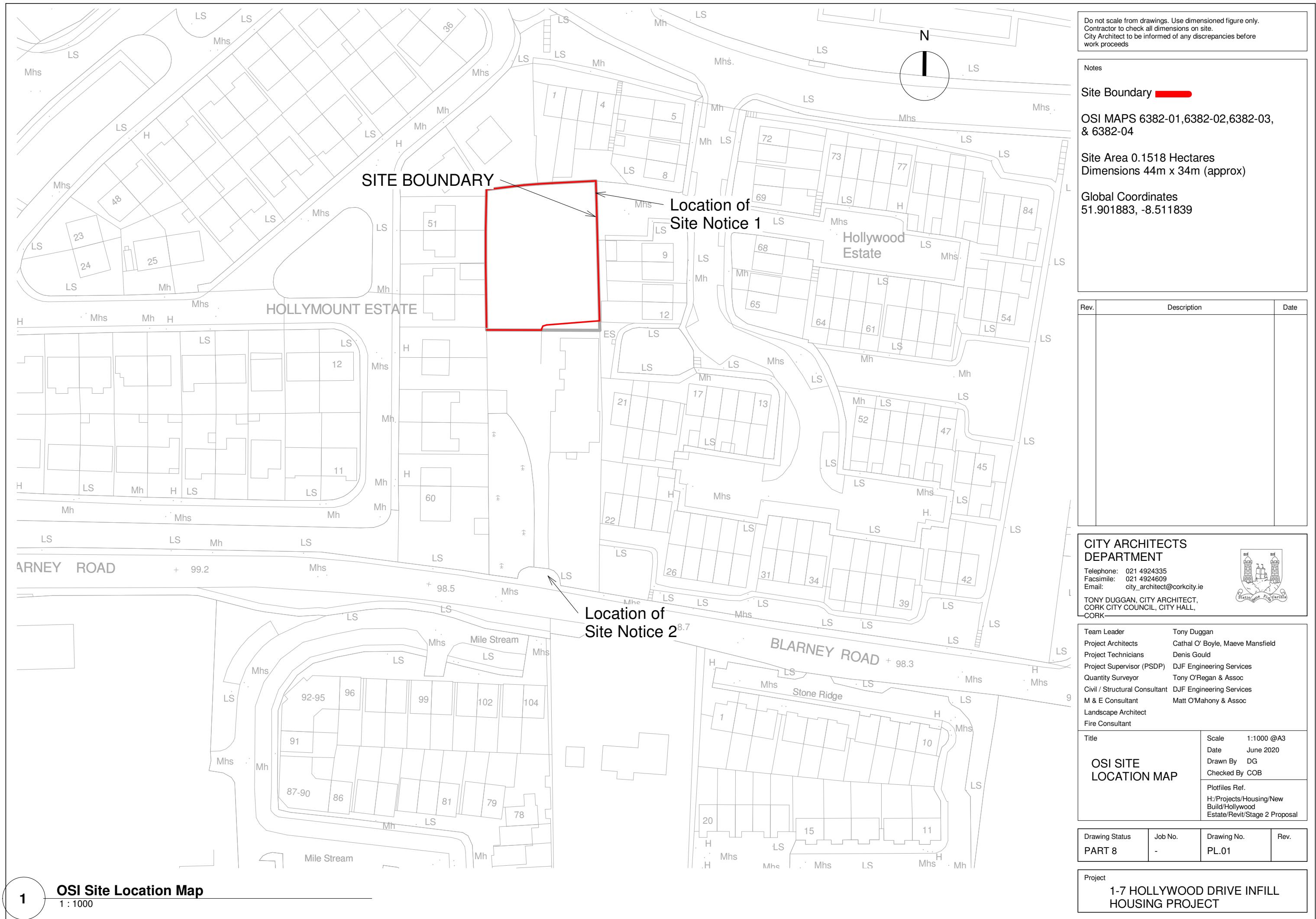
Status Codes:

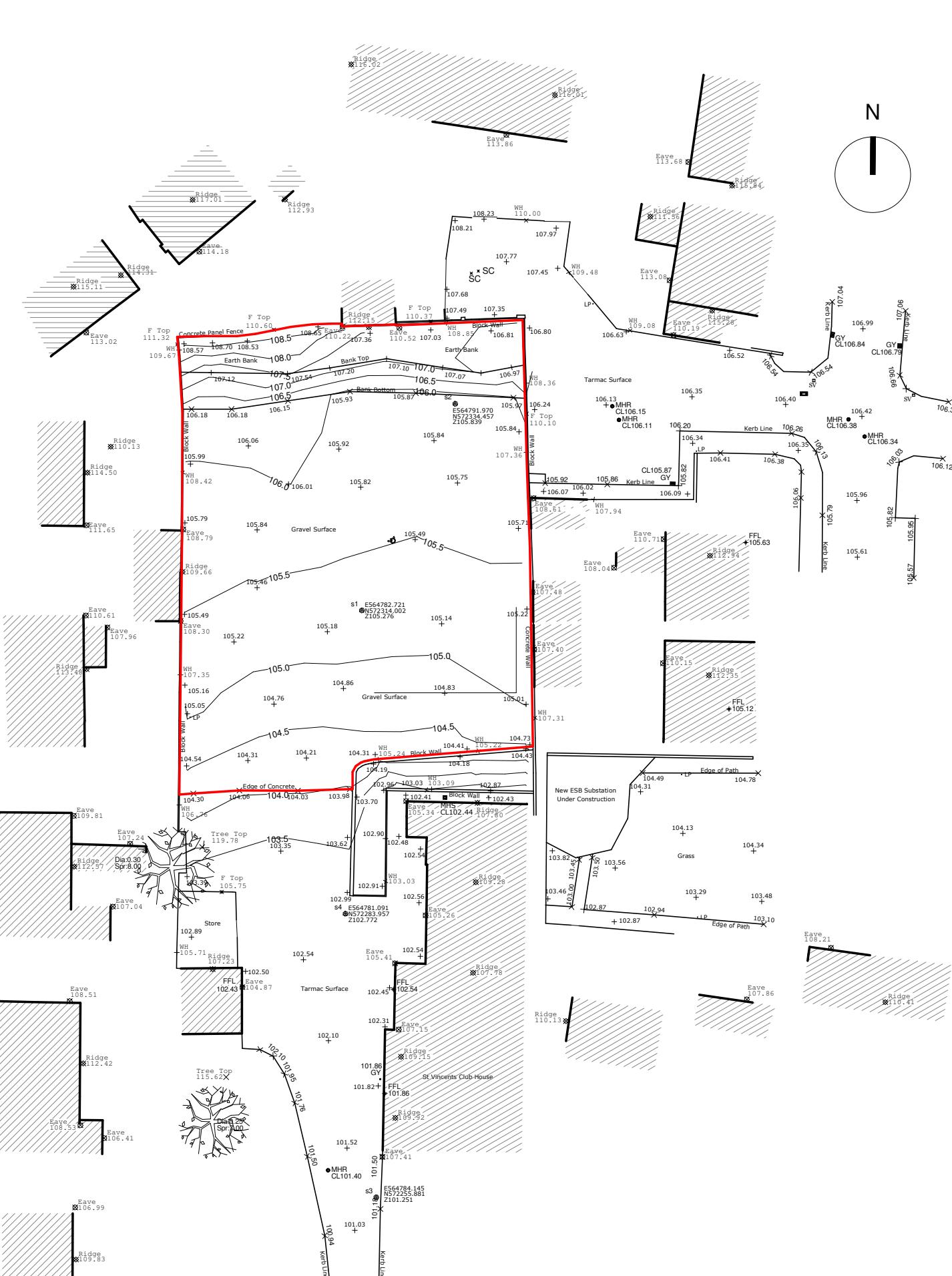
I: Information

T: Tender

C: Contract

X: Construction





1

Existing Site Survey Plan



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Notes

Site Boundary

Site Area 0.1518 Hectares
Dimensions 44m x 34m (approx)

Global Coordinates
51.901883, -8.511839



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M & E Consultant	Matt O'Mahony & Assoc
Landscape Architect	
Fire Consultant	
Title	Scale 1:500 @A3
EXISTING SITE SURVEY PLAN & SITE PHOTOS	Date June 2020
	Drawn By DG
	Checked By COB
Plotfiles Ref.	
H:/Projects/Housing/New Build/Hollywood Estate/Revit/Stage 2 Proposal	

Drawing Status	Job No.	Drawing No.	Rev.
PART 8	-	PL.02	

Project
1-7 HOLLYWOOD DRIVE INFILL
HOUSING PROJECT



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Notes

N

HT 1 (HOUSE TYPE 1)
HT 2 (HOUSE TYPE 2)

Rev	Description	Date
A	RSA SITE LAYOUT REVISION	18/06/20

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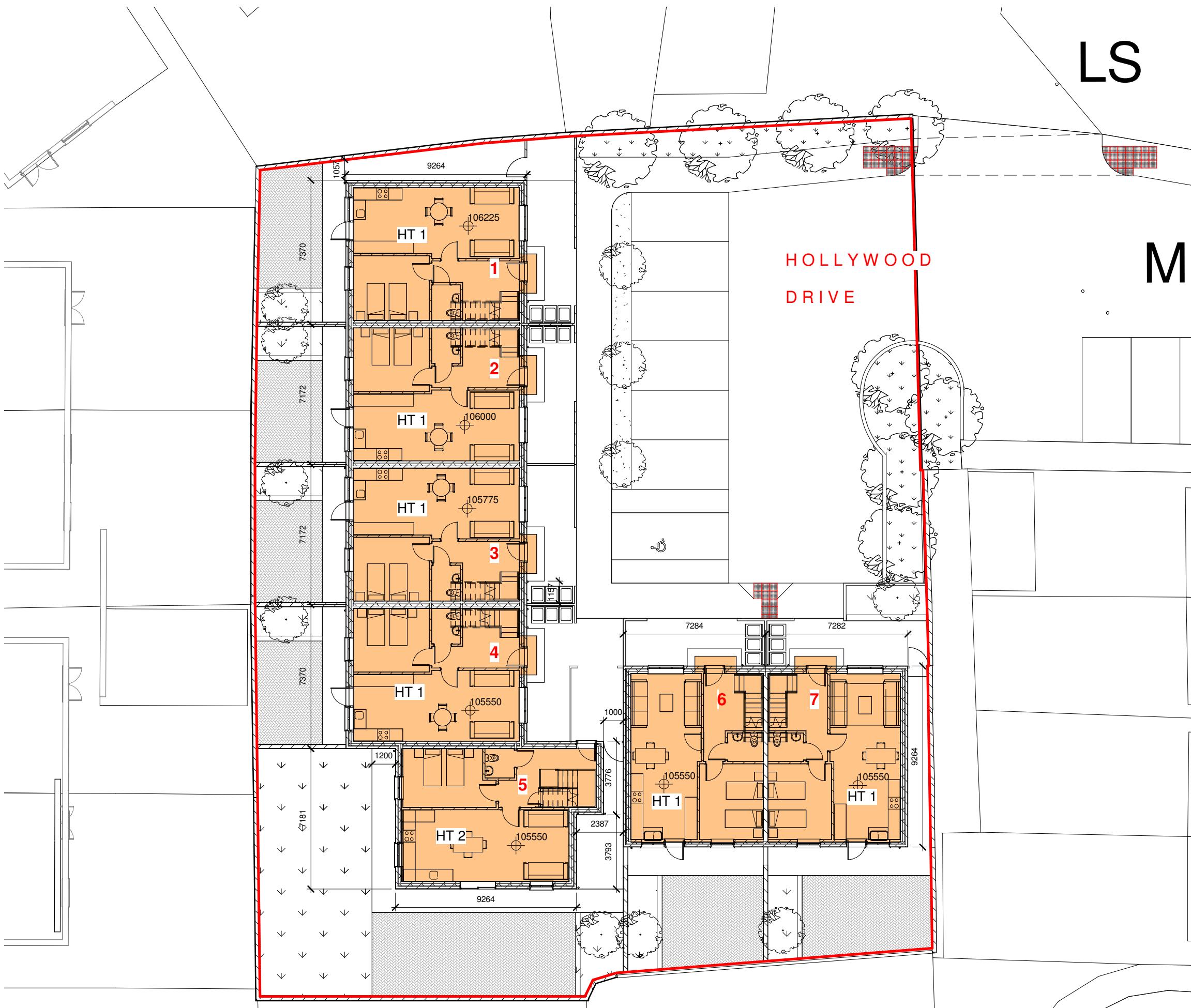


Team Leader	Tony Duggan
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Quantity Surveyor	Tony O'Regan & Assoc
Civil / Structural Consultant	DJF Engineering Services
M & E Consultant	Matt O'Mahony & Assoc
Landscape Architect	
Fire Consultant	

SITE LAYOUT PLAN	Scale	1:100@A1
	Date	MAY 2020
	Drawn By	DG
	Checked By	COB
Plotfiles Ref.		
H:/Projects/Housing/New Build/Hollywood Estate/Revit/Stage 2 Proposal		

Drawing Status	Job No.	Drawing No.	Rev.
TENDER	-	L 03	

Project
**1-7 HOLLYWOOD DRIVE INFILL
HOUSING PROJECT**



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Notes

1-4 Hollywood Drive 2 Bed 2 Storey Houses Floor Area 87m²

5 Hollywood Drive 2 Bed 2 Storey House Floor Area 91m²

6-7 Hollywood Drive 2 Bed 2 Storey Houses Floor Area 87m²

Rev.	Description	Date

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Landscape Architect	
Fire Consultant	

Title	Scale 1:100@A3
Date	June 2020
Drawn By	DG
Checked By	COB
Plotfiles Ref. H:/Projects/Housing/New Build/Hollywood Estate/Part 2/Stage 2/Proposal	

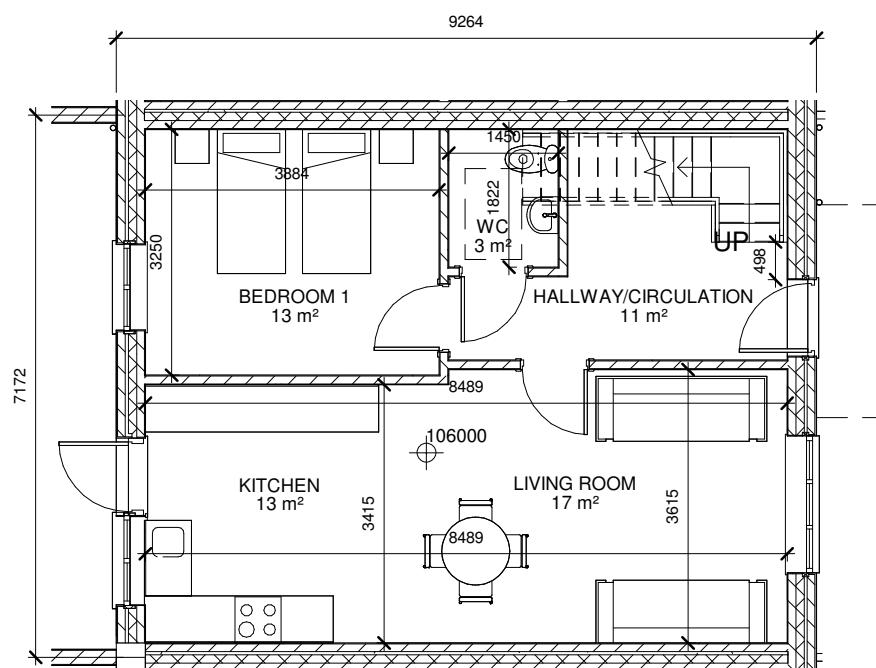
Drawing Status	Job No.	Drawing No.	Rev.
PART 8	-	PL.04	

Project 1-7 HOLLYWOOD DRIVE INFILL HOUSING PROJECT

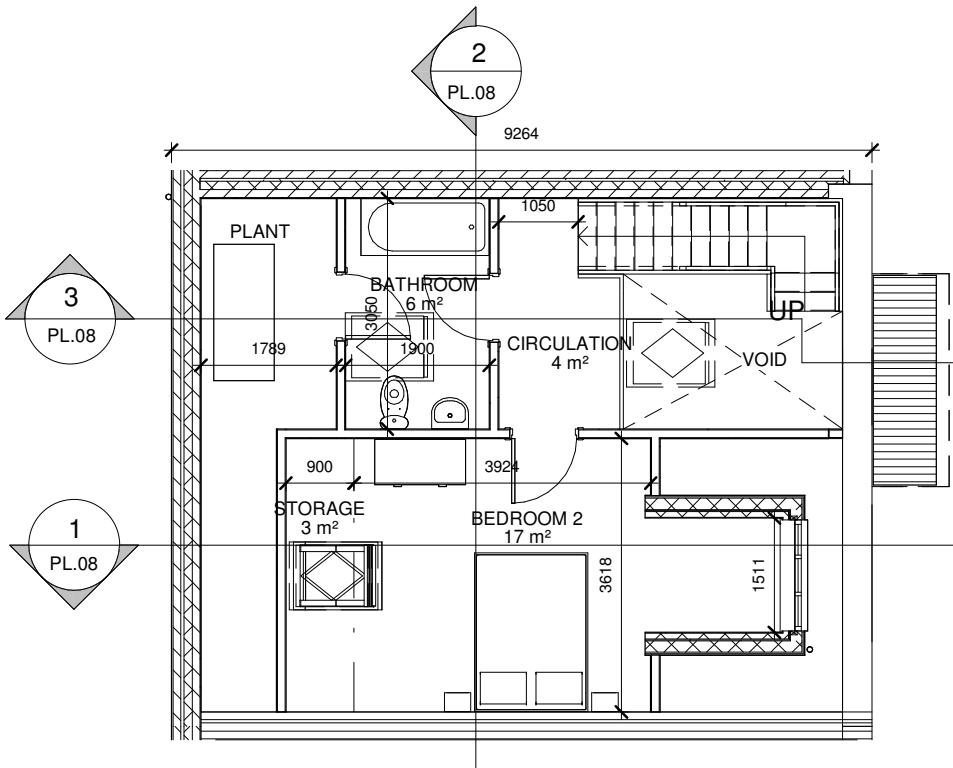
House Type 1 Area Schedule			
House Type	Level	Name	Area m^2
1	Level 0	BEDROOM 1	13 m^2
1	Level 0	KITCHEN	13 m^2
1	Level 0	LIVING ROOM	17 m^2
1	Level 0	WC	3 m^2
1	Level 0	HALLWAY/CIRCULATION	11 m^2
1	Level 1	BATHROOM	6 m^2
1	Level 1	BEDROOM 2	17 m^2
1	Level 1	CIRCULATION	4 m^2
1	Level 1	STORAGE	3 m^2

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Notes



1 Level 0 GA Ground Floor Plan HT1
1 : 100



2 Level 1 GA First Floor Plan HT 1
1 : 100



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M & E Consultant	Matt O'Mahony & Assoc
Landscape Architect	
Fire Consultant	

Title	Scale	1:100@A3
GA HOUSE TYPE 1	Date	June 2020
PLANS	Drawn By	DG
	Checked By	COB
Plotfiles Ref.		
H:/Projects/Housing/New		
Build/Hollywood		
Estate/Revit/Stage 2 Proposal		

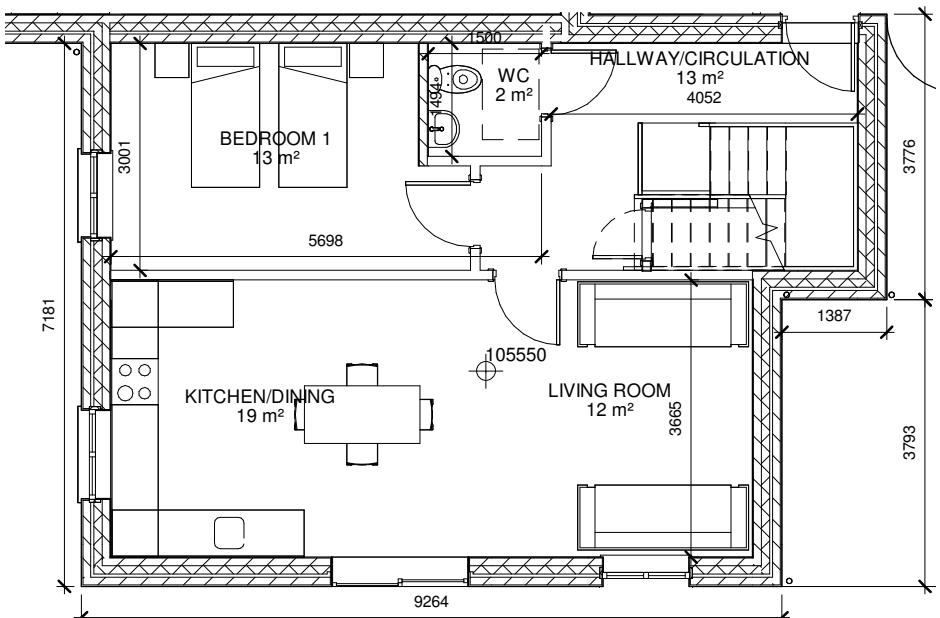
Drawing Status	Job No.	Drawing No.	Rev.
PART 8	-	PL.05	

Project 1-7 HOLLYWOOD DRIVE INFILL HOUSING PROJECT

House Type 2 Area Schedule			
House Type	Level	Name	Area
2	Level 0	BEDROOM 1	13 m ²
2	Level 0	HALLWAY/CIRCULATION	13 m ²
2	Level 0	KITCHEN/DINING	19 m ²
2	Level 0	LIVING ROOM	12 m ²
2	Level 0	WC	2 m ²
2	Level 1	BATHROOM	8 m ²
2	Level 1	BEDROOM 2	16 m ²
2	Level 1	CIRCULATION	4 m ²
2	Level 1	STORAGE 1	1 m ²
2	Level 1	STORAGE 2	3 m ²
TOTAL GROSS AREA			91m ²

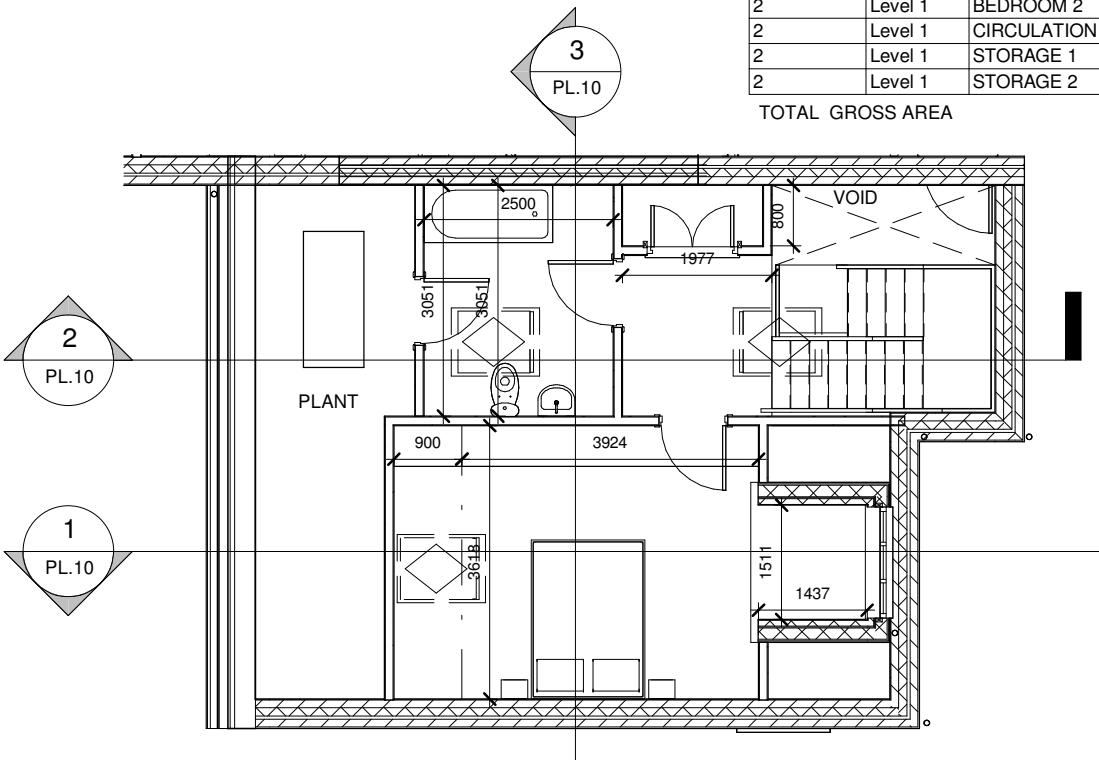
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Notes



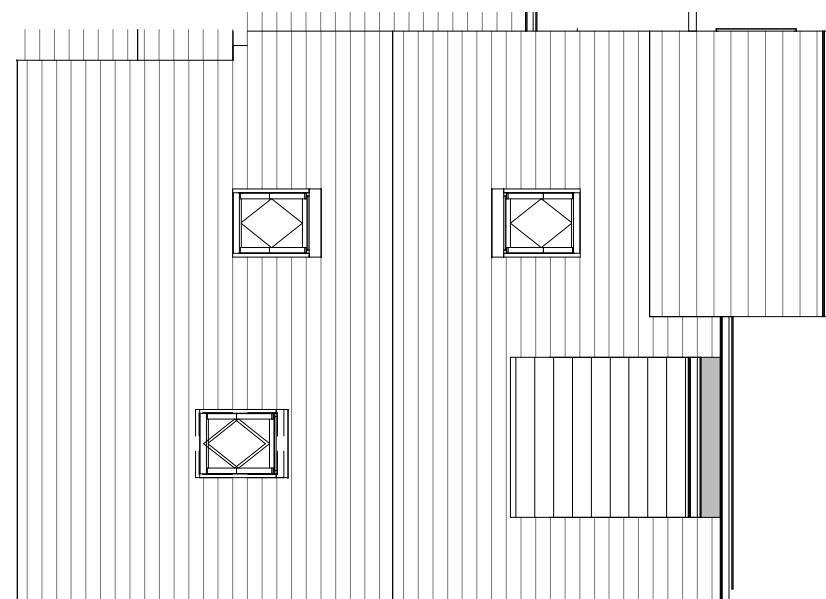
1 Level 0 GA Ground Floor Plan HT 2

1 : 100



2 Level 1 GA First Floor Plan HT 2

2 1 : 100



3 Level 2 GA Roof Plan HT 2
1 : 100

1 : 100

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Landscape Architect	
Fire Consultant	
Title	Scale 1:100 @A3 Date June 2020 Drawn By DG Checked By COB
GA HOUSE TYPE 2 GA PLANS	Plotfiles Ref. H:/Projects/Housing/New Build/Hollywood Estate/PoCv7/Stage 2 Proposal

Drawing Status	Job No.	Drawing No.	Rev.
PART 8	-	PL.06	

Project
**1-7 HOLLYWOOD DRIVE INFILL
HOUSING PROJECT**

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Notes

Material Key

1. Pitched Roof with Fibre Cement Slate
2. Aluminium Clad Timber Double Glazed Rooflight
3. Extruded Aluminium Gutters and Downpipes
4. Painted Smooth Render Finish
5. Aluminium Clad Timber Double Glazed Windows
6. Hardwood Door (High security Impact resistant with Double Glazed Window & 5 point locking system)
7. Zinc Dormer roof with Zinc cladding
8. Hardwood Door (High security Impact resistant & 5 point locking system)
9. Lead Flashing

Rev.	Description	Date

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112790 Roof Level

108685 First Floor Level

106000 Ground Floor Level

3

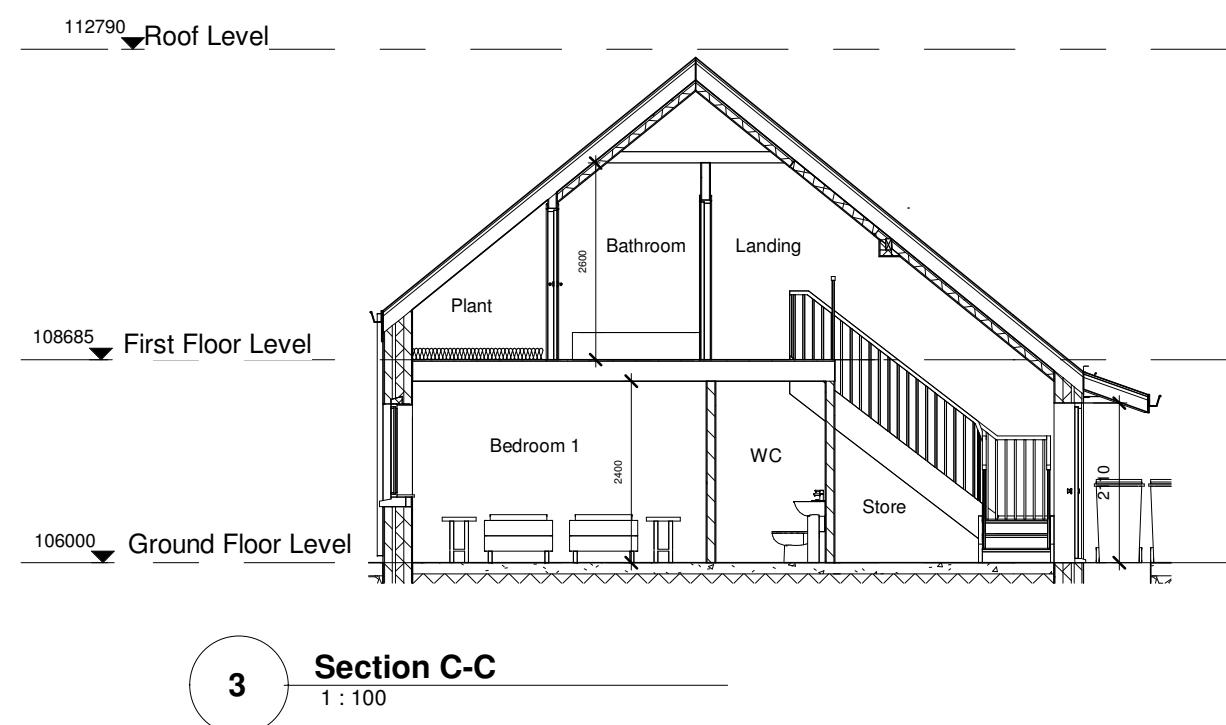
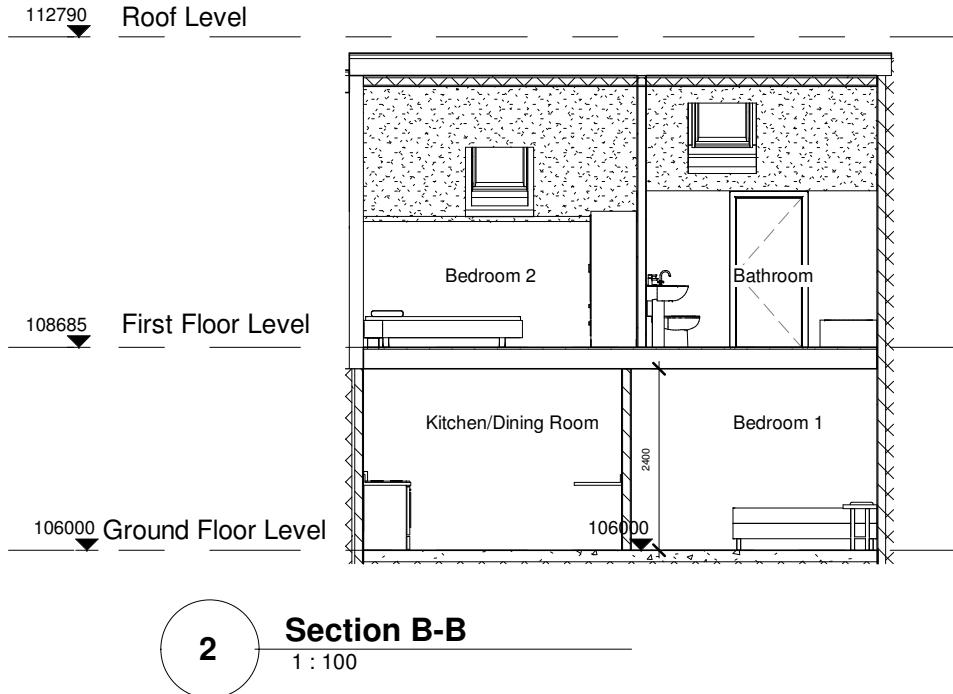
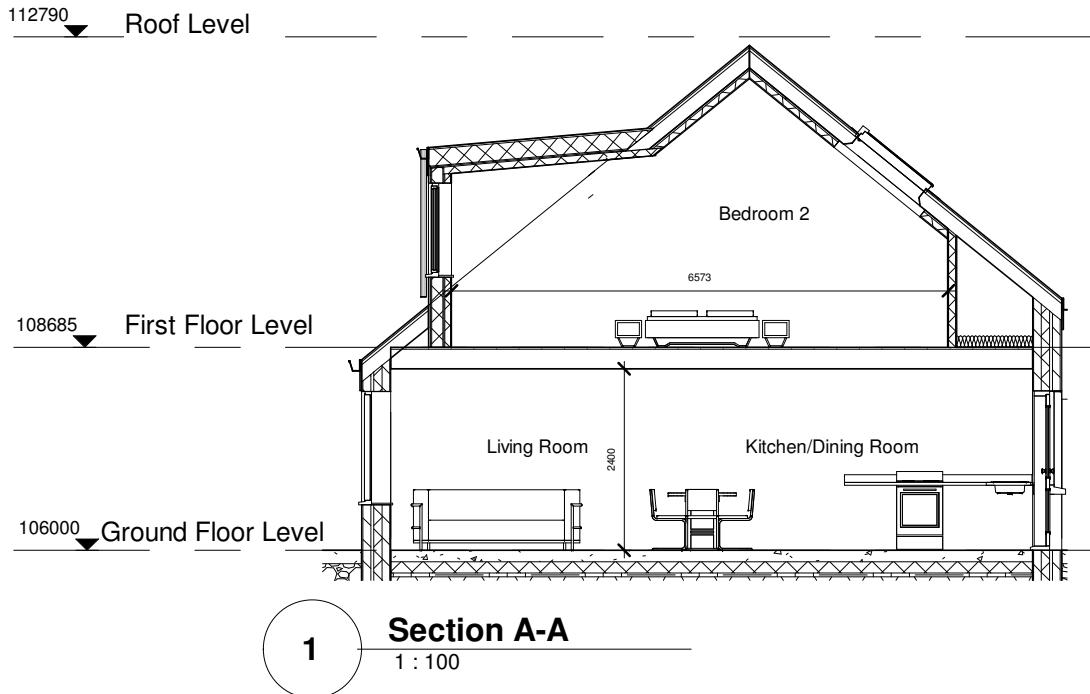
Side Elevation

1 : 100

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Landscape Architect	
Fire Consultant	
<hr/>	
Title GA HOUSE TYPE 1 ELEVATIONS	Scale 1:100 @A3
	Date June 2020
	Drawn By DG
	Checked By COB
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Plotfiles Ref. H:/Projects/Housing/New Build/Hollywood Estate/Revit/Stance 2 Proposal	

Drawing Status	Job No.	Drawing No.	Rev.
PART 8	-	PL.07	

Project
**1-7 HOLLYWOOD DRIVE INFILL
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Landscape Architect	
Fire Consultant	

Title	Scale
GA HOUSE TYPE 1 SECTIONS	1:100@A3
	Date June 2020
	Drawn By DG
	Checked By COB
Plotfiles Ref.	
H:/Projects/Housing/New Build/Hollywood Estate/Revit/Stage 2 Proposal	

Drawing Status	Job No.	Drawing No.	Rev.
PART 8	-	PL.08	

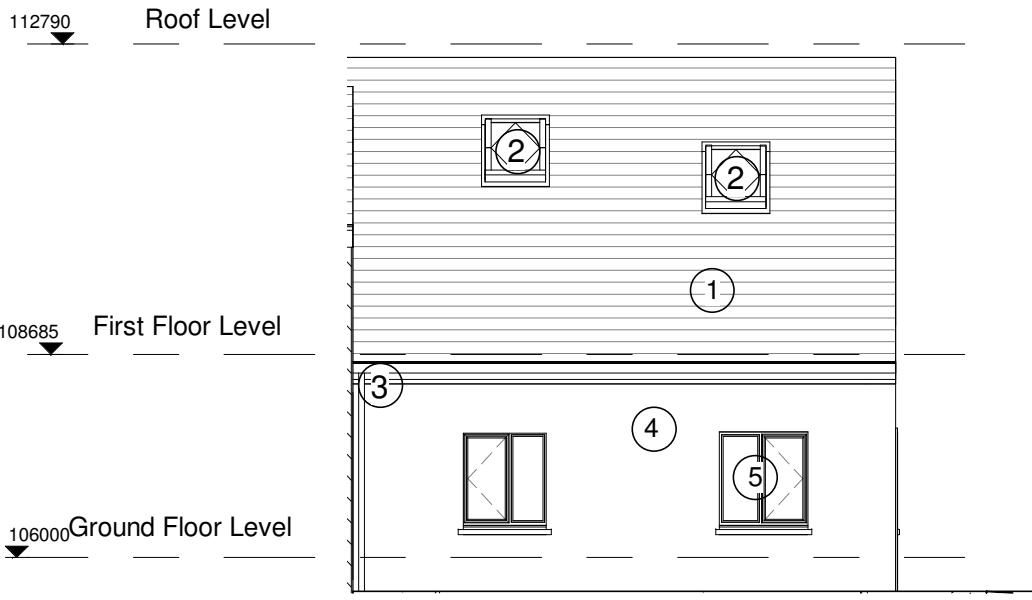
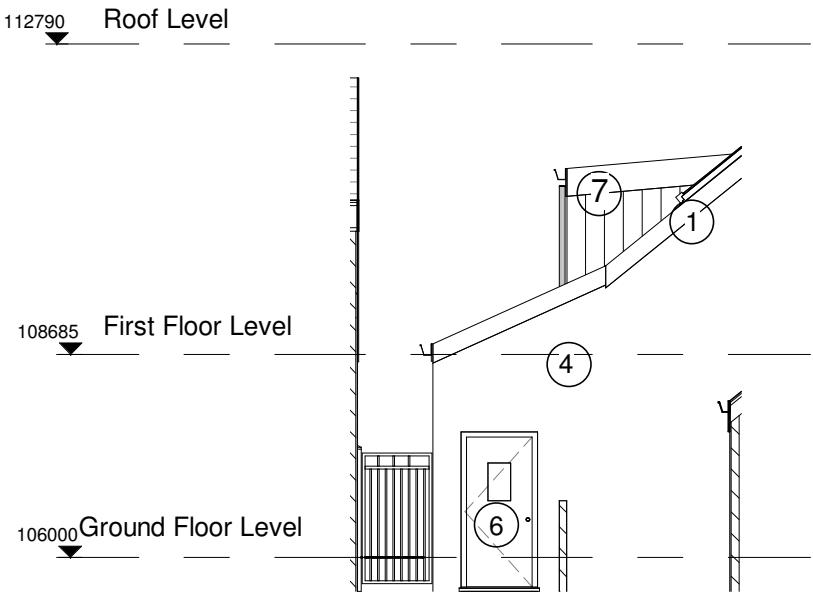
Project
1-7 HOLLYWOOD DRIVE INFILL
HOUSING PROJECT

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Notes
Material Key

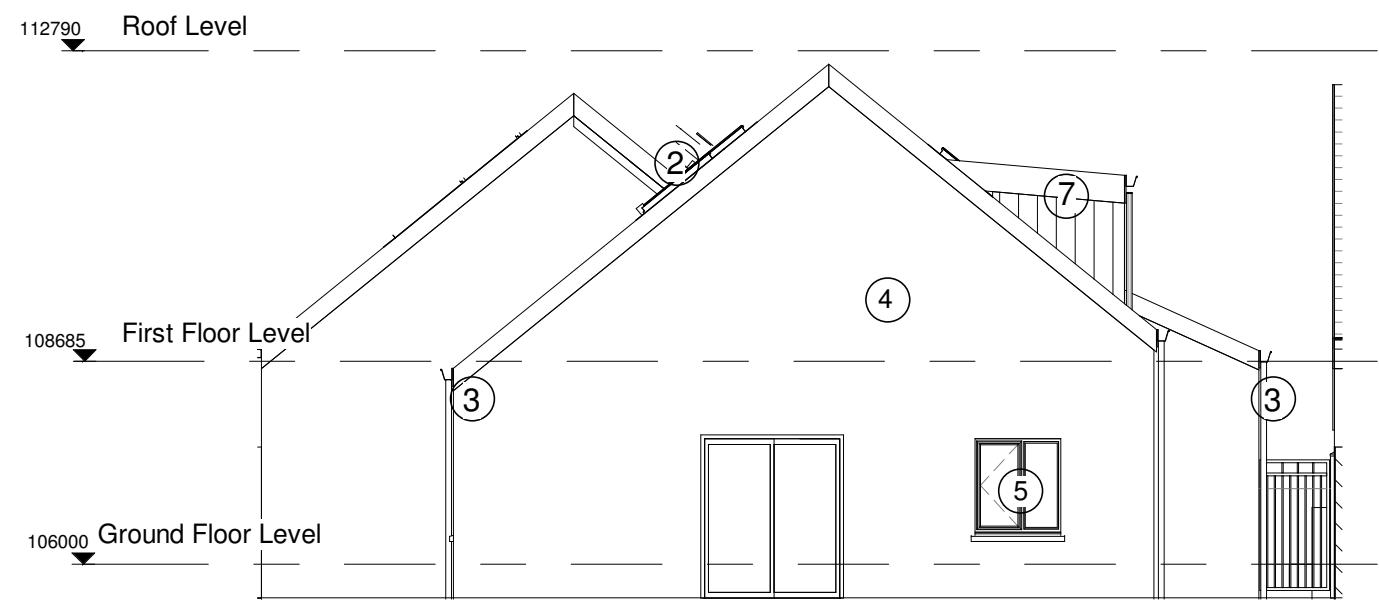
1. Pitched Roof with Fibre Cement Slate
2. Aluminium Clad Timber Double Glazed Rooflight
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4. Painted Smooth Render Finish
5. Aluminium Clad Timber Double Glazed Windows
6. Hardwood Door (High security Impact resistant with Double Glazed Window & 5 point locking system)
7. Zinc Dormer roof with Zinc cladding
8. Hardwood Door (High security Impact resistant & 5 point locking system)
9. Lead Flashing

Rev.	Description	Date



1 Front Elevation HT2
1 : 100

2 Rear Elevation HT2
1 : 100



3 Side Elevation HT2
1 : 100

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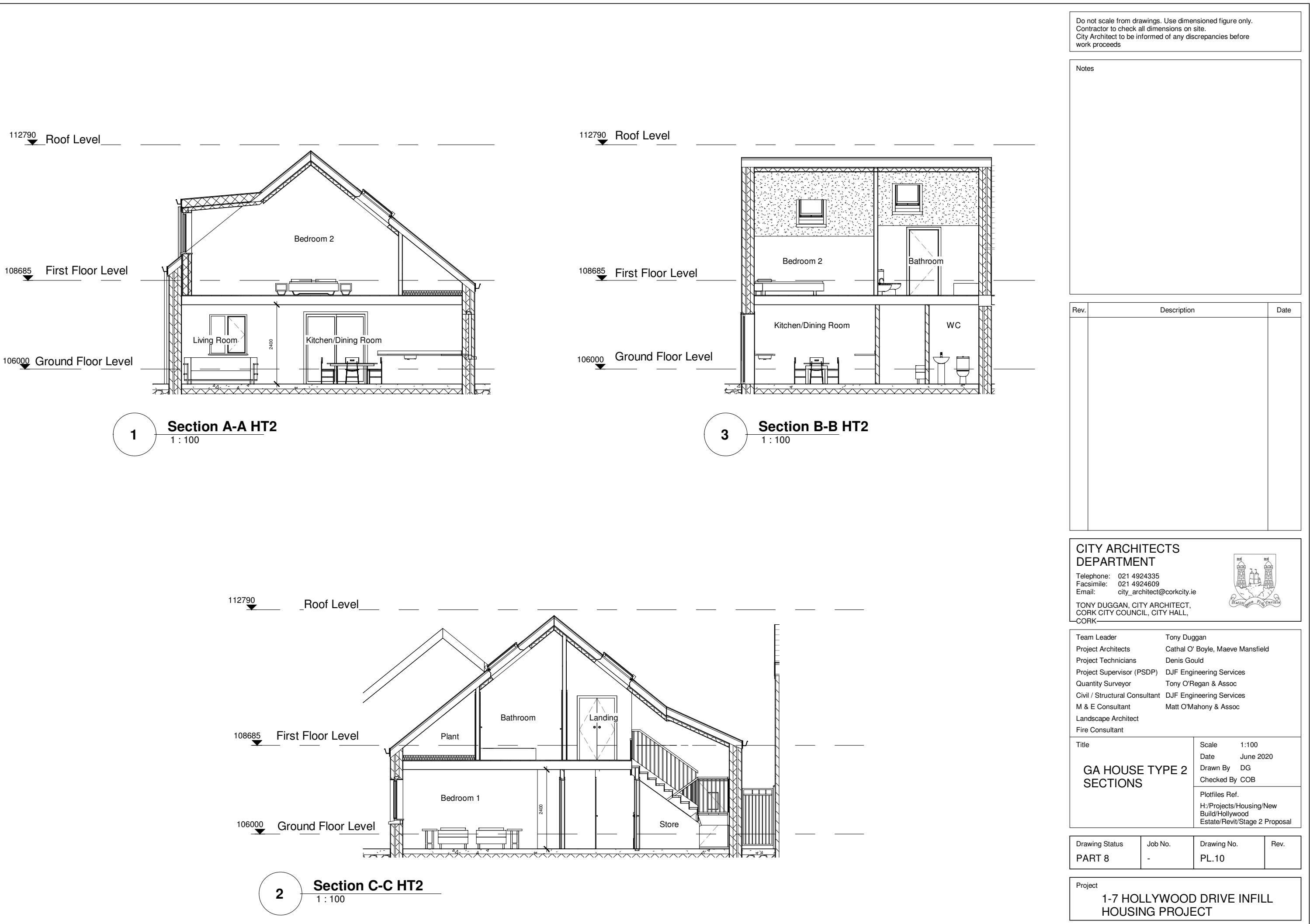
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Title	Scale	1:100
GA HT2 ELEVATIONS	Date	June 2020
	Drawn By	DG
	Checked By	COB
Plotfiles Ref.		
H:/Projects/Housing/New Build/Hollywood Estate/Revit/Stage 2 Proposal		

Drawing Status	Job No.	Drawing No.	Rev.
PART 8	-	PL.09	

Project	1-7 HOLLYWOOD DRIVE INFILL HOUSING PROJECT
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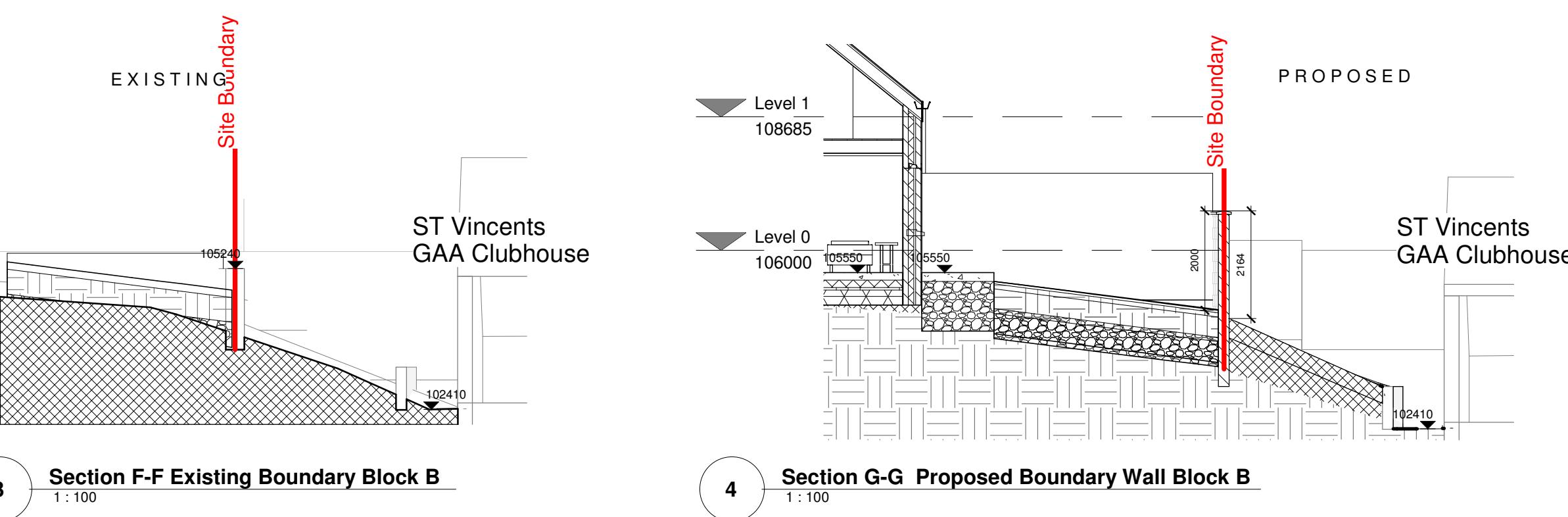


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Civil / Structural Consultant	DJF Engineering Services
M & E Consultant	Matt O'Mahony & Assoc
Landscape Architect	
Fire Consultant	
Title	Scale 1:100 @A3
SITE SECTIONS BLOCK A & BLOCK B	Date June 2020
	Drawn By DG
	Checked By COB
	Plotfiles Ref. H:/Projects/Housing/New Build/Hollywood Estate/Revit/Stage 2 Proposal

Drawing Status	Job No.	Drawing No.	Rev.
PART 8	-	PL.11	

Project
1-7 HOLLYWOOD DRIVE INFILL
HOUSING PROJECT



2 East Street Elevation
1 : 50

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Notes

Material Key

1. Pitched Roof with Fibre Cement Slate
2. Aluminium Clad Timber Double Glazed Rooflight
3. Extruded Aluminium Gutters and Downpipes
4. Painted Smooth Render Finish
5. Aluminium Clad Timber Double Glazed Windows
6. Hardwood Door (High security Impact resistant with Double Glazed Window & 5 point locking system)
7. Zinc Dormer roof with Zinc cladding
8. Lead flashing

Rev.	Description	Date



1 South Street Elevation
1 : 50

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M & E Consultant	Matt O'Mahony & Assoc
Landscape Architect	
Fire Consultant	

Title RENDERED CONTEXTUAL ELEVATIONS	Scale Date June 2020 Drawn By JMC Checked By COB Plotfiles Ref.
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Drawing Status PART 8	Job No. -	Drawing No. PL.12	Rev.
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Project
1-7 HOLLYWOOD DRIVE INFILL
HOUSING PROJECT

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Rev.	Description	Date



CONTEXTUAL REAR ELEVATION EAST

1 : 100



CONTEXTUAL REAR ELEVATION SOUTH

1 : 100

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Landscape Architect	
Fire Consultant	

Title	REAR RENDERED ELEVATIONS	Scale
Date	June 2020	
Drawn By	Author	
Checked By	Checker	
Plotfiles Ref.		

Drawing Status	Job No.	Drawing No.	Rev.
PART 8	-	PL.13	

Project	1-7 HOLLYWOOD DRIVE INFILL HOUSING PROJECT
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DRAINAGE NOTES:

- REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETTING OUT OF INTERNAL BELOW GROUND DRAINAGE & FOR EXACT COVER LEVELS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL DIMENSIONS AND LEVELS SHOWN AGAINST ALL OTHER DRAWINGS PERTAINING TO THIS PART OF THE WORKS.
- REFER TO ARCHITECTS DRAWINGS FOR LOCATIONS OF RAINFOOTER DOWNPipes, SOIL VENT PIPES AND SOIL STACKS.
- ALL INTERNAL PIPEWORK TO BE CONCRETE ENCASED
- ALL EXTERNAL PIPEWORK WITH LESS THAN 900mm COVER IN UNPAVED AREAS AND 1200mm COVER IN PAVED AREAS TO BE CONCRETE ENCASED.
- CONCRETE ENCASEMENT TO CONSIST OF MINIMUM 150mm C15 LEANMIX CONCRETE.
- 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 ENCASEMENT;
AT 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.

- ALL MANHOLES SHOWN ARE PRECAST CONCRETE UNLESS NOTED OTHERWISE.

- ROAD GULLIES TO BE PRECAST CONCRETE WITH "LION" LOCKABLE TYPE COVERS, WITH DJCTILE IRON GRATING C250 TO COMPLY WITH I.S. EN 124:1994.

- ALL LINES TO ROAD GULLIES TO BE 150mm Ø UPVC PIPES U.N.O.

- ALL FOUL POP-UPS TO BE 100mmØ UPVC U.N.O.

- ALL FOUL SPURS TO POP-UPS TO BE 100mm Ø UPVC SN4 @ 1:40 FALLS U.N.O.

- ALL INTERNAL MANHOLES TO HAVE LOCKABLE DOUBLE SEALED COVERS & FRAMES.(KMHD 600L IN STAINLESS STEEL BY RICHMOND TRADING OR SIMILAR APPROVED)

- ALL MANHOLE COVERS TO BE CLASS D HEAVY DUTY DUCTILE IRON COVER. COVER AND FRAME TO IS EN124.

- CHANNEL DRAIN TO BE TYPE ACO N100K WITH CLASS C STAINLESS STEEL QUICKLOCK GRATING OR SIMILAR APPROVED.

- ALL SPURS TO RAINFOOTER PIPES TO BE 100mm Ø UPVC SN4 @ 1:40 FALLS U.N.O.

- UNLESS OTHERWISE NOTED, STORM LINES BETWEEN MANHOLES TO BE 225mm Ø RIGIDRAIN ADS POLYETHYLENE PIPES OR SIMILAR APPROVED

- UNLESS OTHERWISE NOTED, FOUL LINES BETWEEN MANHOLES TO BE 150mm Ø UPVC SN8 U.N.O.

- ALL INTERNAL FOUL LINES TO BE 100mm Ø UPVC SN4 @ 1:40 FALLS U.N.O.

- ALL FOUL LINES FROM INTERNAL GULLIES TO BE 100mm Ø UPVC SN4 @ 1:40 FALLS U.N.O.

- ALL FOUL LINES FROM INSPECTION CHAMBER AT SITE BOUNDARY TO MAINLINE TO BE 100mm Ø UPVC SN8 @ 1:40 FALLS U.N.O.

- ALL SPUR CONNECTIONS SHOWN ON LINES TO BE 45° 'Y' BENDS U.N.O.

- ALL FRENCH DRAINS TO BE 150mm Ø PERFORATED UPVC PIPE WRAPPED IN GEOTEXTILE TYPICALLY LAID ABOVE RETAINING WALL FOOTINGS AND SURROUNDED IN MIN. 200mm OF CLEAN WASHED STONE.

- ALL DRAINAGE MATERIALS AND WORKMANSHIP TO COMPLY WITH LOCAL AUTHORITY SPECIFICATION.

- SETTING OUT OF POP-UPS INTERNALLY TO BE COORDINATED BY CONTRACTOR IN CONJUNCTION WITH ARCHITECTS DRAWINGS.

EXISTING UNDERGROUND SERVICES

- Existing Combined Sewer
- Existing Storm Sewer
- Existing Watermain
- Existing Gasmain
- Existing Existing Electrical Cable
- Existing Telecom Line
- Existing NTL Ducting
- Unidentified GPR

GENERAL DRAWING NOTES:

DRAWINGS ARE NOT TO BE SCALED:

FIGURED DIMENSIONS ONLY TO BE USED.

ALL DIMENSIONS TO BE SITE CHECKED.

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH OTHER PROJECT RELATED DRAWINGS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL DIMENSIONS AND LEVELS SHOWN AGAINST ALL OTHER DRAWINGS WHICH PERTAIN TO THIS PART OF THE WORKS.

THE CONTRACTOR IS TO ENSURE ALL WORKS ARE CARRIED OUT IN ACCORDANCE WITH GOOD BUILDING PRACTICE AND THE TECHNICAL GUIDANCE DOCUMENTS, PARTS A TO M INCLUSIVE AND ALL RELEVANT AMENDMENTS

THE CONTRACTOR IS TO REFER TO THESE DOCUMENTS IN ADDITION TO THE DRAWINGS AND SPECIFICATIONS.

ALL DIMENSIONS ARE IN MILLIMETRES U.N.O

ALL LEVELS RELATE TO SITE DATUM.

ALL LEVELS TO BE CHECKED ON SITE

PROPOSED UNDERGROUND SERVICES

- Existing Foul Sewer to be removed
- Proposed Foul Sewer 100mm Ø PVC (unless marked on plan)
- Existing Storm Sewer to be removed
- Proposed Storm Sewer 100mm Ø PVC (unless marked on plan)
- AJ  ACCESS JUNCTION
- IC  INSPECTION CHAMBER
- GT  GULLY TRAP
- BIG  BACK INLET GULLY
- RG  ROAD GULLY
- MH  MANHOLE
- Existing Watermain to be removed
- Proposed Watermain
- Sluice Valve to Irish Water Details
- S.V  THRUST BLOCK TO IRISH WATER DETAILS
- T.B  FIRE HYDRANT TO IRISH WATER DETAILS
- FH  WATER METER TO IRISH WATER DETAILS
- WM  REFER TO BUILDING SERVICES ENGINEERS DRAWINGS FOR DETAILS OF OTHER EXISTING U/G SERVICES TO BE REMOVED OR DIVERTED

A	ISSUED FOR PLANNING	FH	SH	20.02.20
REV	DETAILS	BY	CYD	DATE


DJF
DJF ENGINEERING SERVICES LTD.
 Consulting Engineers • Project Managers
 Tramore House, Reevewood, Douglas Road, Cork. T12 RXW4
 Tel: (021) 2592484 Email: info@djfe.com Web: www.djfe.com

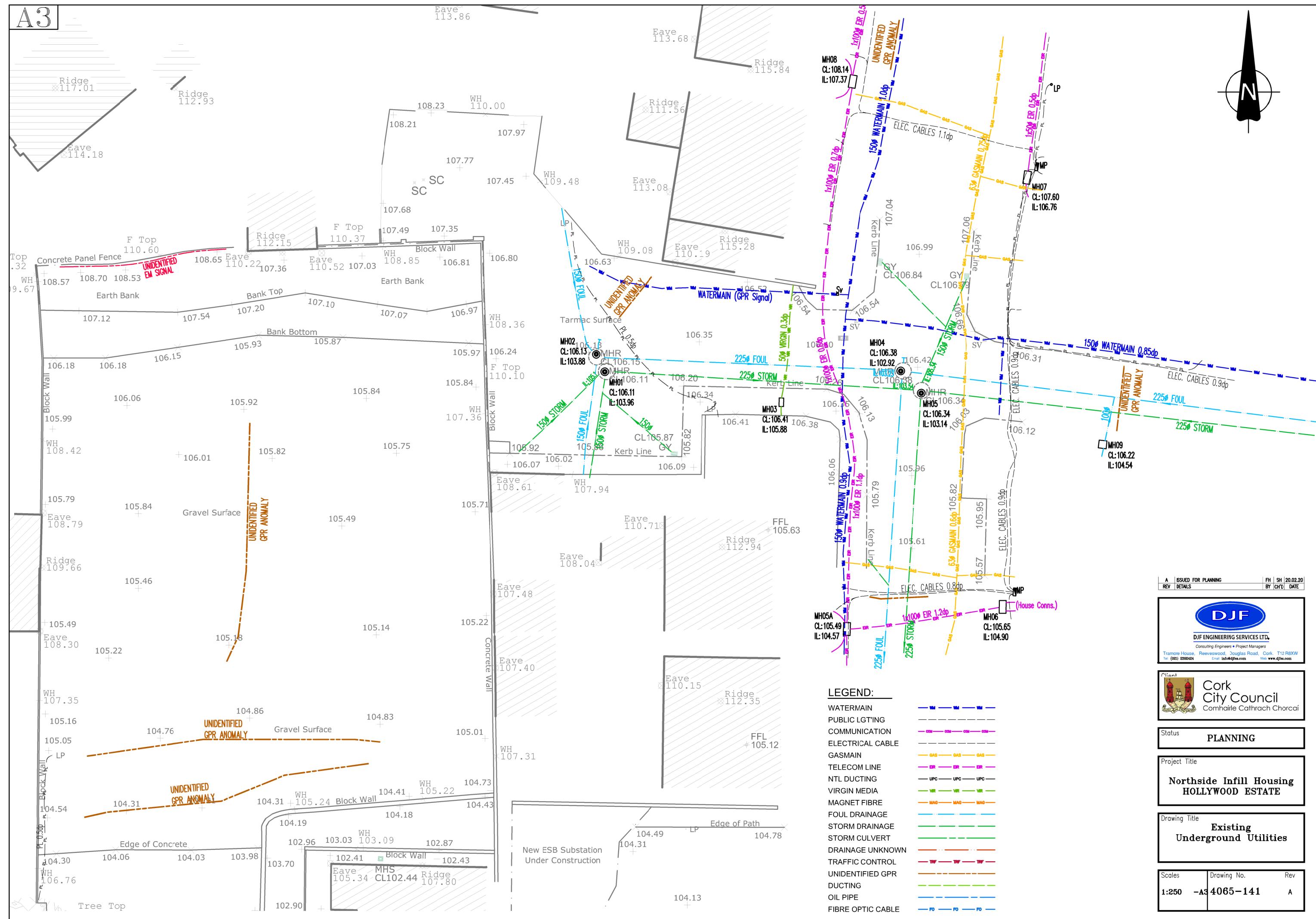

Cork City Council
 Comháil Cathrach Chorcáil

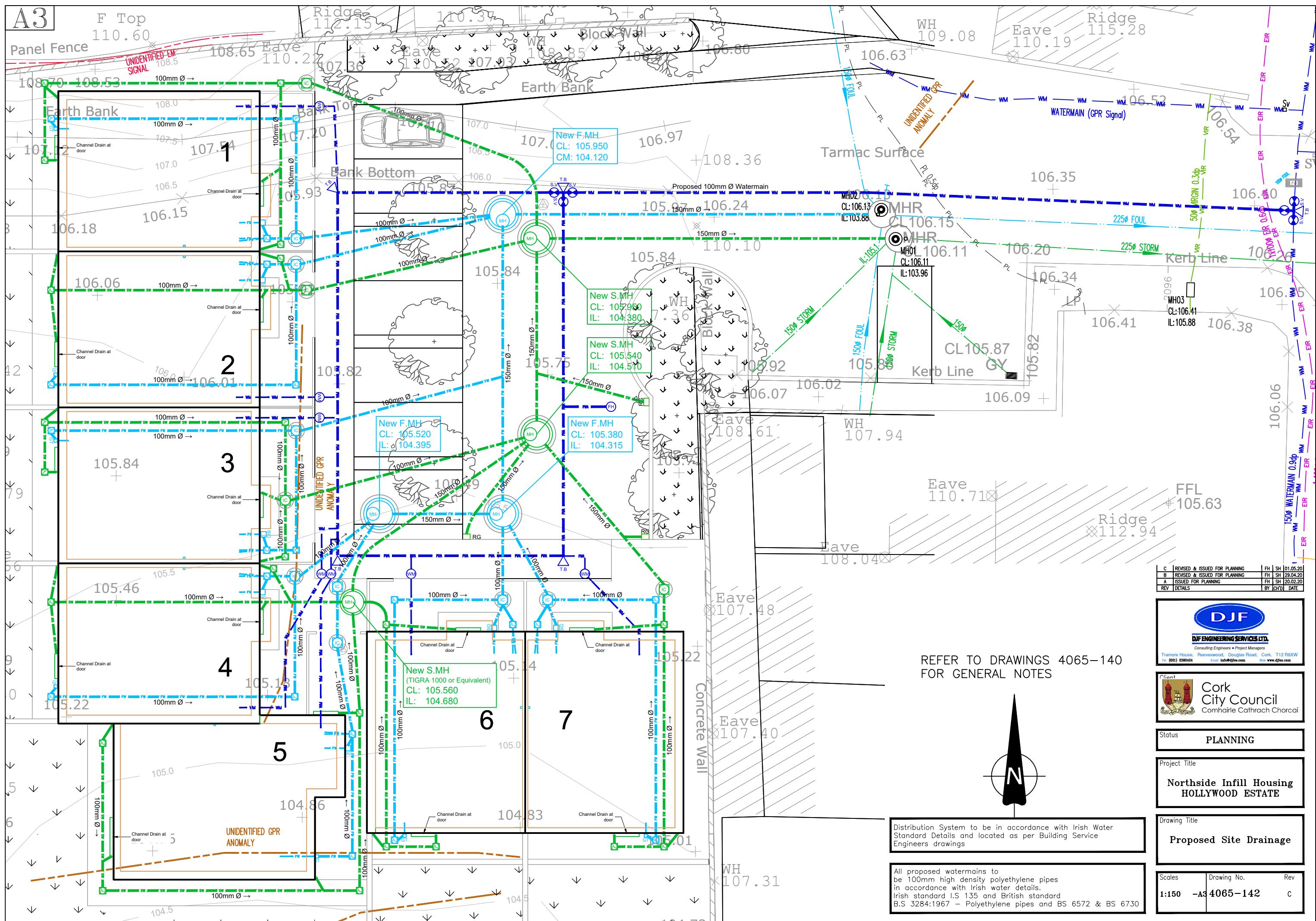
Status **PLANNING**

Project Title **Northside Infill Housing HOLLYWOOD ESTATE**

Drawing Title **General Notes Sheet 1**

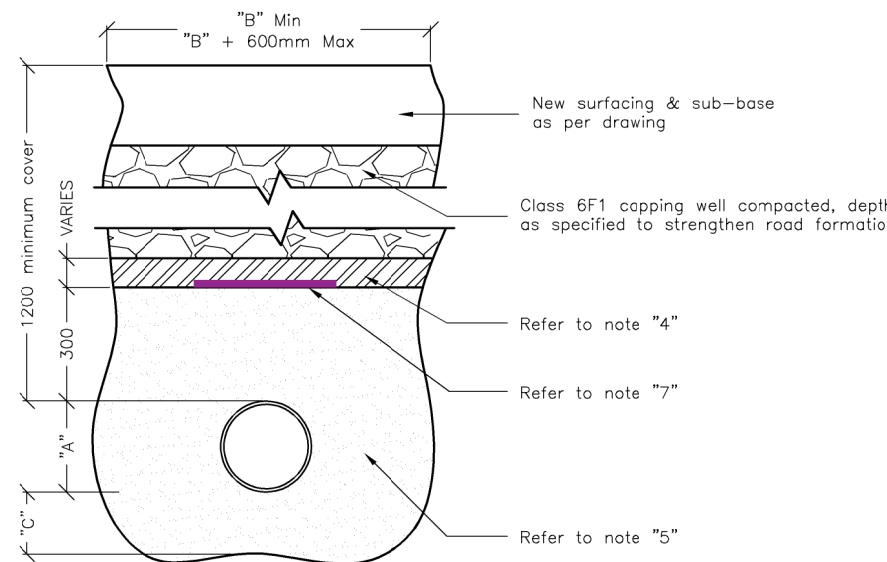
Scales	Drawing No.	Rev
N.T.S	-A3 4065-140	A



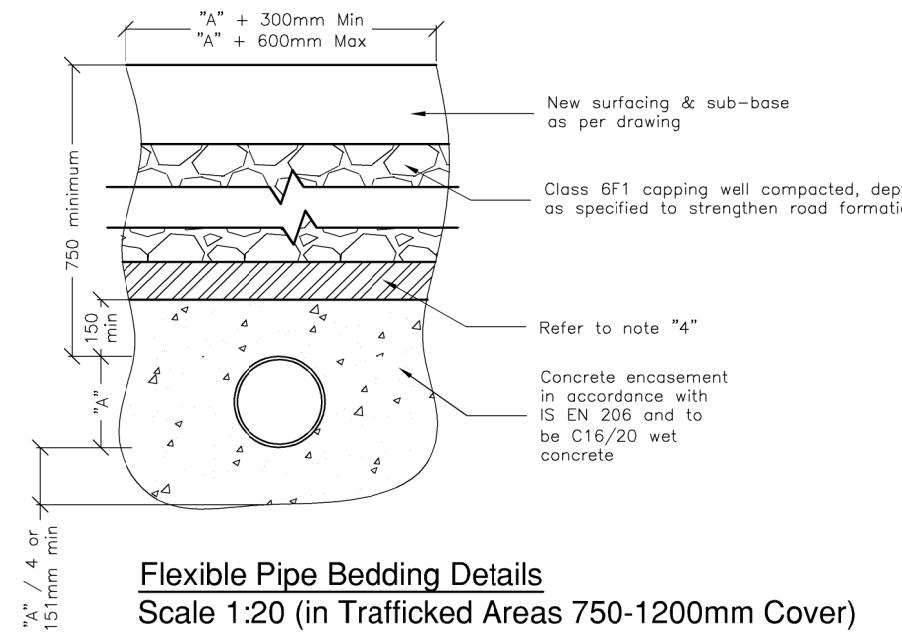


A3

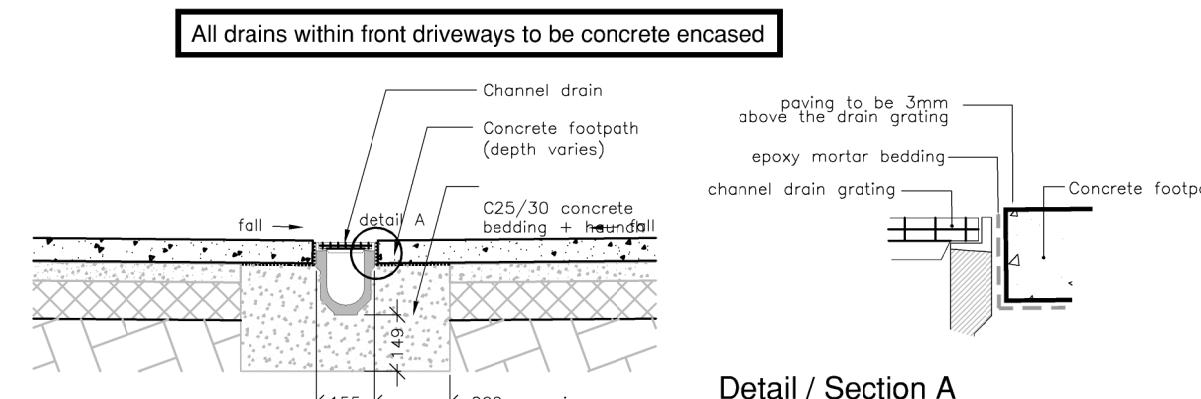
REFER TO DRAWINGS 4065-130 FOR GENERAL DRAINAGE NOTES



Flexible Pipe Bedding Details
Scale 1:20 (in Trafficked Areas 1200-4500 Cover)

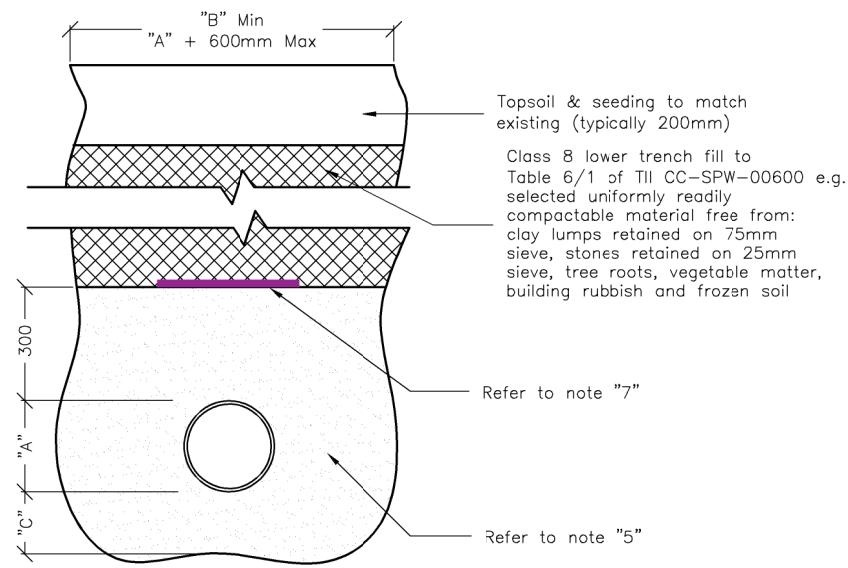


Flexible Pipe Bedding Details
Scale 1:20 (in Trafficked Areas 750-1200mm Cover)

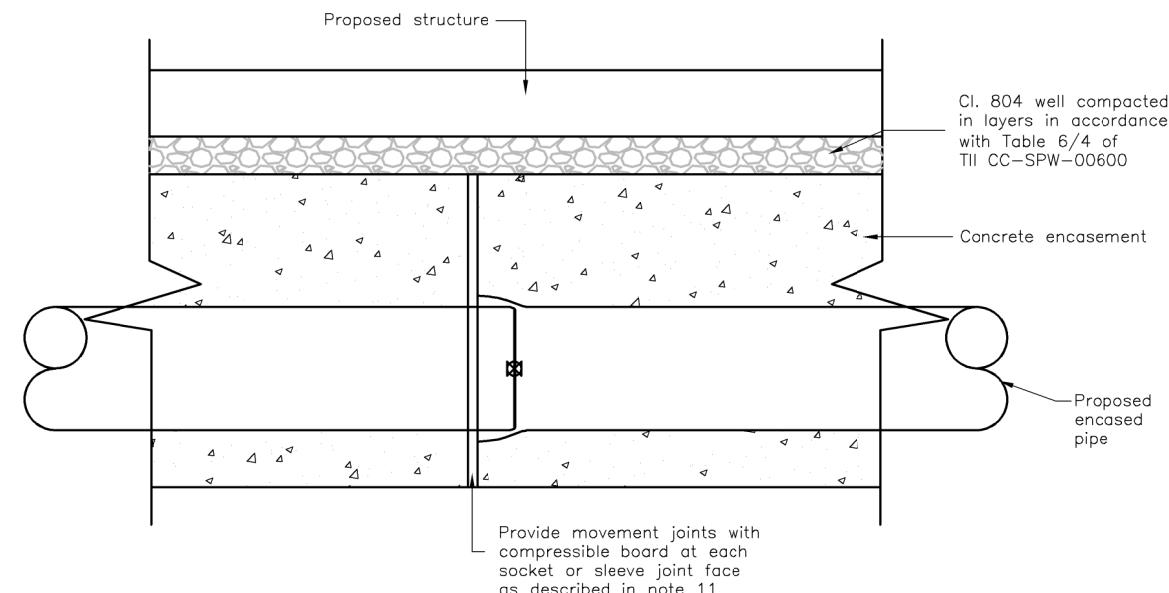


Channel Detail / Section
Scale 1:20

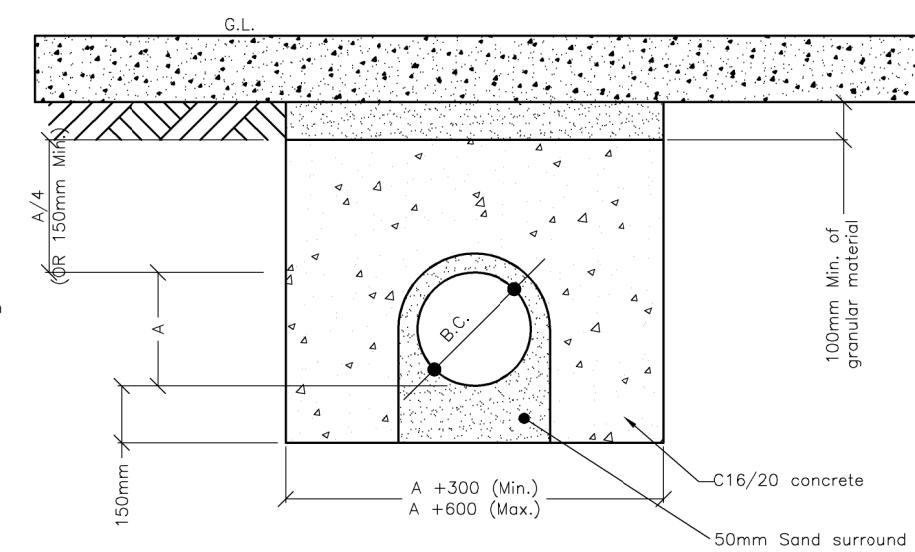
Detail / Section A
Scale 1:5



Flexible Pipe Bedding Details
Scale 1:20 (in Non Trafficked Areas)



Concrete Encasement Movement Joint Detail
N.T.S (Elevational)



Concrete Encasement Detail to Existing Services
N.T.S (Sectional)

NOTES

- All dimensions are in millimeters.
- Dimension "A" is the external diameter of the pipe.
- The minimum and maximum width of the trench applies on and below a line 300mm above the outside top of the pipe. Above the 300mm line, the trench back fill material shall be as described in note 4 for trafficed areas, or as shown in the "Flexible Pipe bedding" detail for non trafficed areas.
- Clause 804 / 808 material in accordance with the national roads authority specification for road works. Clause 804 / 808 is to be compacted as per clause 802 of the national roads authority specification for road works. Clause 808 is to be used within 500mm of cement bound materials, concrete pavements, concrete structures or concrete products. Otherwise clause 804 may be used.
- 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 is EN 13242.
- Pipes shall not be supported on stones, rocks or any hard objects 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 / 808 material in accordance with the national roads authority specification for road works. The granular material shall be laid above this void backfill material.
- Non degradable marker tape should be installed at top of pipe bedding layer. In the case of non metal pipe material, the marker tape should incorporate a trace wire which is linked to fittings and terminated at the waste water pumping station and the discharge manhole.
- The concrete bed or surround may extend to the sides of the trench or be minimum width. Material to Clause 503.3(iii) is to be used to fill any voids so formed.
- For concrete encasement, the concrete cover may be formed to a radius batter or horizontal surface. minimum cover of concrete shall be 150mm.
- The haunches and surrounds to be formed using form work to provide rough cast finish.
- Expansion joints in the concrete shall be provided at all pipe joints to allow for pipe flexibility, compressible filler board to be in accordance with BS EN 622-1 and BS EN 622-4, and be 18mm thick.
- Polyethylene pipes shall be wrapped in plastic sheeting having a composition in accordance with BS 6076 before being cast into concrete.
- Bituminous material shall not be put in contact with PE or PVC pipes.

A	ISSUED FOR PLANNING	FH	SH	20.02.20
REV	DETAILS	BY	CHD	DATE

DJF
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Consulting Engineers • Project Managers
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Cork City Council
Comháil Cathrach Chorcaí

Status **PLANNING**

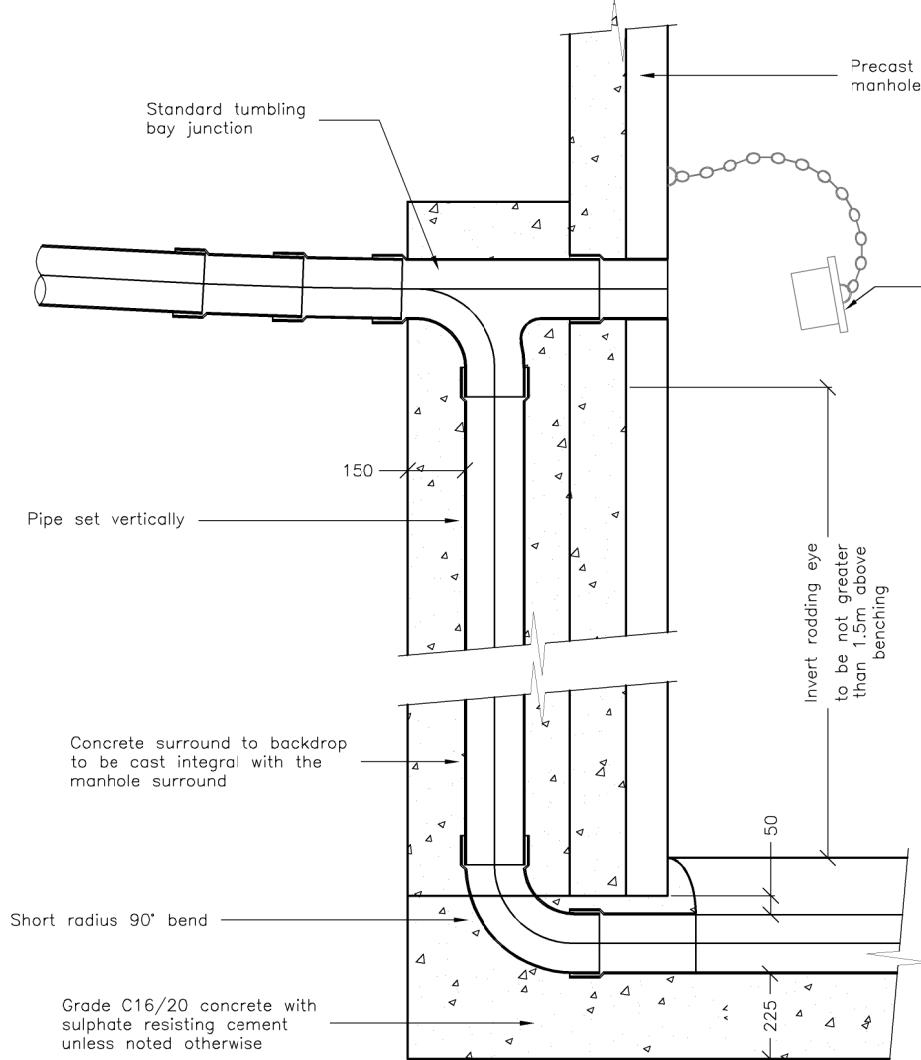
Project Title

Northside Infill Housing HOLLYWOOD ESTATE

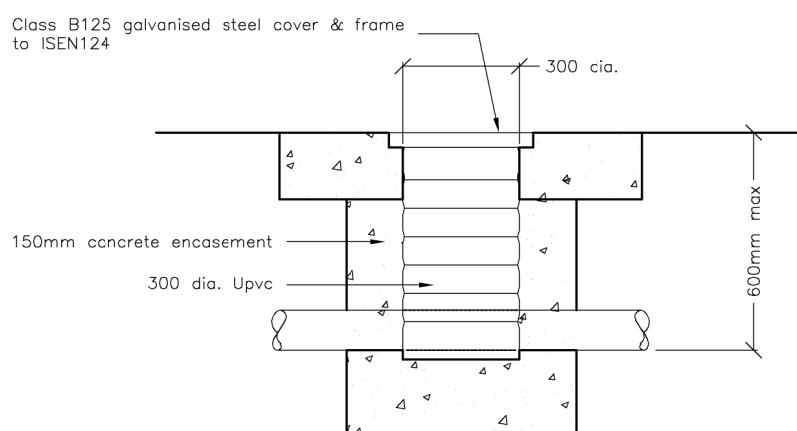
Drawing Title

Drainage Details Sheet 1

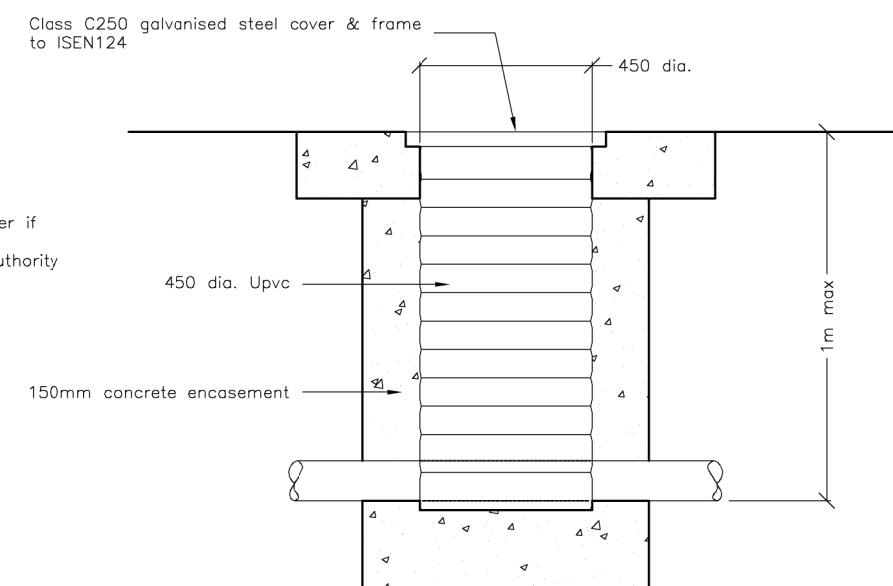
Scales as shown A3	Drawing No. 4065-145	Rev A
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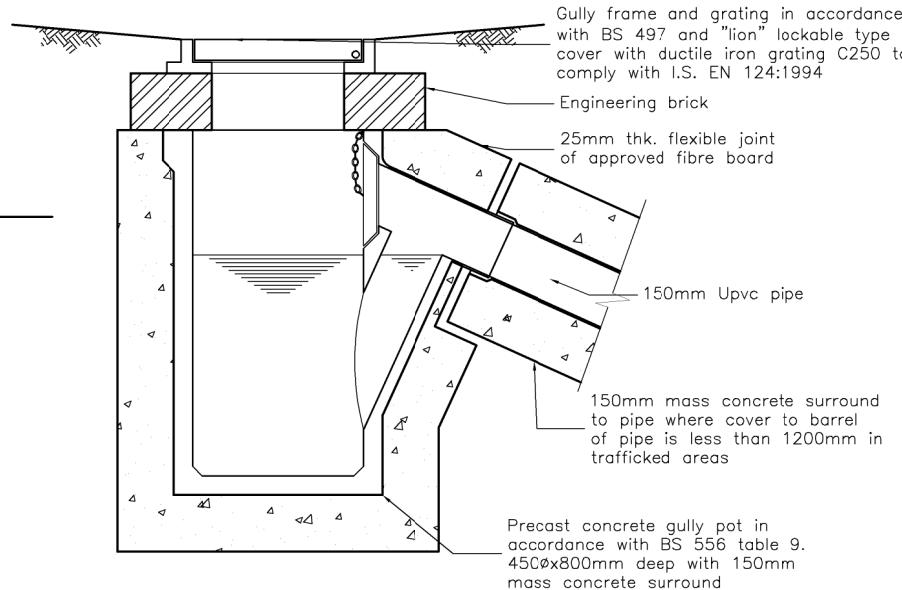
Typical Vertical Backdrop detail
Scale 1:20



Typical Access Junction detail
Scale 1:20



Typical Inspection Chamber detail
Scale 1:20



Typical Precast Concrete Gully
Scale 1:20

1. Gullies to comply with BS 5911.
2. Gullies shall be fully surrounded with concrete grade C15/20 to a min of 150mm thk, and comply with BS5328.
3. Gully gratings and frames to be ductile iron to BS EN 124 1994. Grating and frame to be set with hinge facing the direction of traffic.
4. Gully frames to be set with 3:1 sand cement mortar.
5. Class b engineering bricks to be used for any make up to gully frames.

GENERAL NOTES:

This drawing is not to be scaled:
Figured dimensions only to be used.
All dimensions to be site checked.

This drawing is to be read in conjunction with other project related drawings.

The contractor shall be responsible for checking all dimensions and levels shown against all other drawings which pertain to this part of the works.

All dimensions are in millimetres

All levels relate to site datum and station points.

All levels to be checked on site

Background footprint is based on architectural information received. DJF do not accept responsibility for accuracy or update of architectural background.

Standard Details for Wastewater Networks – Index

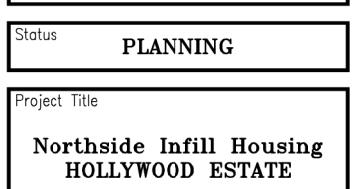
Drawing No.	Drawing Title
STD-WW-01	Waste water service connection responsibility (Rev-1)
STD-WW-02	Typical layout for sewer within new developments (Rev-1)
STD-WW-03	Drain & service connection pipework (Rev-1)
STD-WW-04	Typical sewer / service pipe connection (Rev-1)
STD-WW-05	Typical service layout indicating separation distances (Rev-1)
STD-WW-06	Restrictions on wastewater infrastructure adjacent to trees (Rev-1)
STD-WW-06A	Restrictions on new trees/shrubs planting adjacent to sewers (Rev-0)
STD-WW-07	Trench backfill & bedding (Rev-1)
STD-WW-08	Concrete bed, haunch & surround to wastewater pipes (Rev-2)
STD-WW-09	Blockwork manhole (<450mm dia.) (Rev-2)
STD-WW-10	Pre-cast concrete manhole (Rev-2)
STD-WW-11	In-situ concrete manhole (Rev-2)
STD-WW-12	Backdrop manholes (Rev-2)
STD-WW-13	Private side inspection chamber (Rev-2)
STD-WW-14	Thrust blocks for rising mains (Rev-1)
STD-WW-15	Scour valve chamber (foul rising main <200mm dia.) (Rev-2)
STD-WW-16	Sluice valve details for rising mains ductile iron (D.I.) pipe (<200mm dia.) (sheet 1 of 2) (Rev-3)
STD-WW-17	Sluice valve details for rising mains polyethylene (P.E.) pipe (<200mm dia.) (sheet 2 of 2) (Rev-2)
STD-WW-18	Air valve chamber (foul rising main <200mm dia.) (Rev-2)
STD-WW-19	Duct chamber (Rev-2)
STD-WW-20	Emergency overflow structure (Rev-1)
STD-WW-21	Typical ditch/stream crossing for gravity main (sheet 1 of 2) (Rev-1)
STD-WW-22	Typical ditch/stream crossing for rising main (sheet 2 of 2) (Rev-1)
STD-WW-23	Typical bridge crossing for rising main (sheet 1 of 2) (Rev-1)
STD-WW-24	Typical bridge crossing for rising main (sheet 2 of 2) (Rev-1)
STD-WW-25	Security gate & fencing (Rev-2)
STD-WW-26	Indicative pumping station layout (Rev-0)
STD-WW-27	Flow meter chamber (foul rising main <200mm dia.) (Rev-2)
STD-WW-28	Indicative submersible pumping station (Rev-2)
STD-WW-28A	Indicative pre-cast concrete submersible pumping station (Rev-1)
STD-WW-29	Rising main discharge manhole (Rev-2)
STD-WW-30	Kiosk type 1 pumping station & wet kiosk (sheet 1 of 2) (Rev-2)
STD-WW-31	Kiosk type 2 + 3 pumping station & wet kiosk (sheet 2 of 2) (Rev-2)
STD-WW-32	Hardstanding area pumping station (permeable & impermeable) (Rev-1)
STD-WW-33	Lamp bollard & lamp standard (Rev-1)
STD-WW-34	Vent stack (Rev-1)

- All waste water details to be in accordance with Irish Water Standard Details, as listed in the above table, and available at www.water.ie.
- Irish Water Details to take precedence where there are any discrepancies with the DJF Engineering drawings and specifications.
- Inspection chambers to have class C250 galvanised steel cover and frame to ISEN124, and to be installed with a maximum invert depth of 1m.

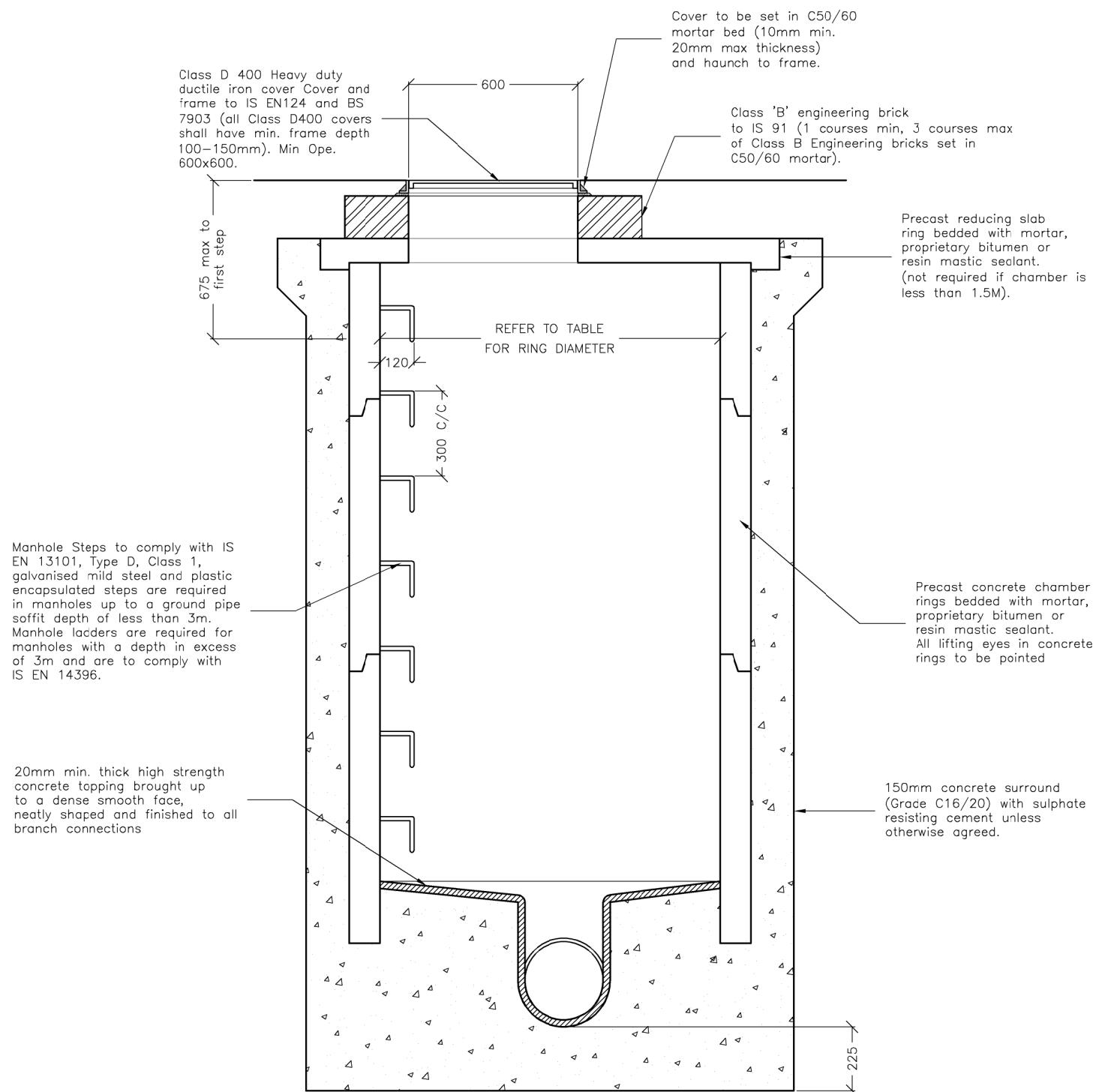
NOTES

1. The contractor shall be responsible for checking all dimensions and all levels shown against all other drawings pertaining to this part of works.
2. Clauses referred to on this drawing are the clauses in the national roads authority's latest specification for road and bridge works U.N.O.
3. All drainage materials and workmanship to comply with local authority specification.
4. All dimension in millimetres unless noted otherwise.
5. Any reference to National Authority Standards should include any amendments, revisions, or updates relevant to that standard.

A ISSUED FOR PLANNING
REV BY CHD DATE



Scales Drawing No. Rev
as shown A3 4065-146 A

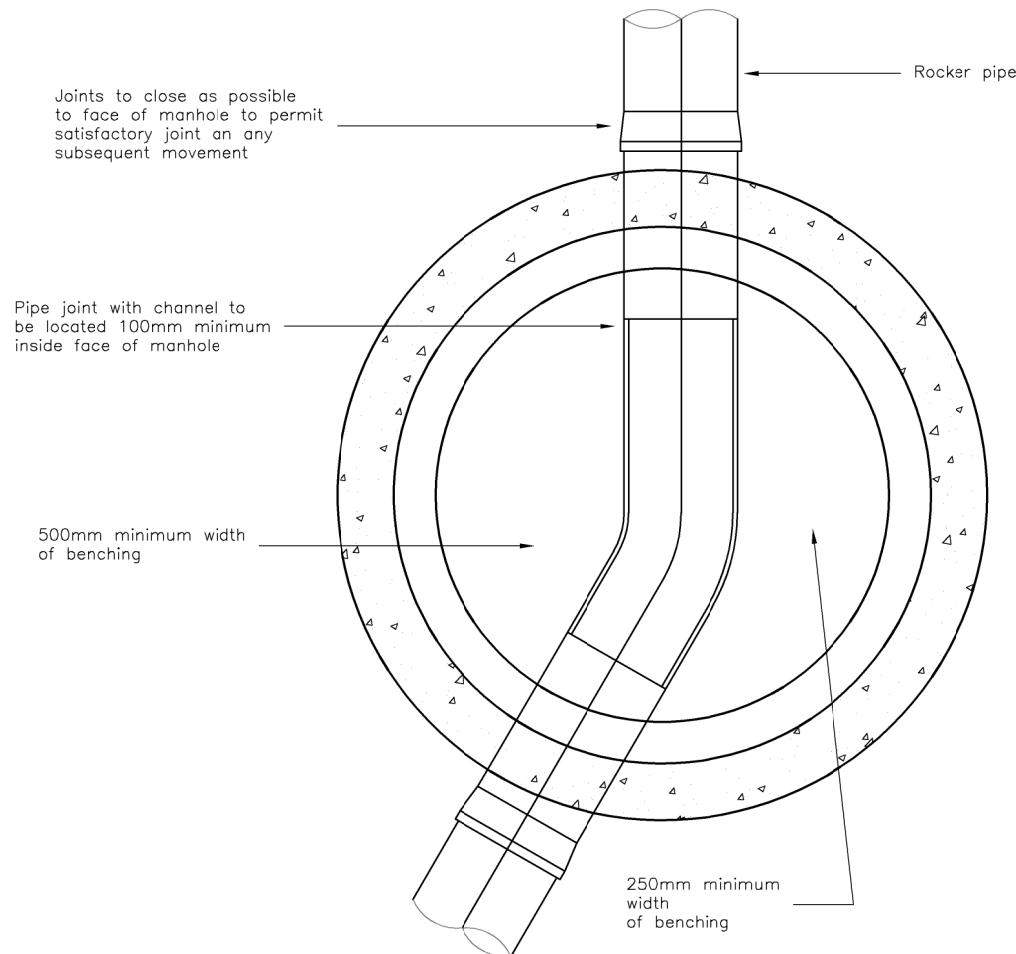


Manhole Detail (Up to 3m Deep)
Scale 1:20

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER MANHOLE (mm)
LESS THAN 375	1200 (1050 IF DEPTH TO SOFFIT IS LESS THAN 1.5m)
375 - 450	1350
500 - 750	1500
750 - 900	1800

NOTES

1. The contractor shall be responsible for checking all dimensions and all levels shown against all other drawings pertaining to this part of works.
2. Clauses referred to on this drawing are the clauses in the national roads authority's latest specification for road and bridge works U.N.O.
3. All drainage materials and workmanship to comply with local authority specification.
4. All dimension in millimetres unless noted otherwise.
5. Any reference to National Authority Standards should include any amendments, revisions, or updates relevant to that standard.



A ISSUED FOR PLANNING
REV DETAILS FH SH 20.02.20
BY CHD DATE



Status PLANNING

Project Title
Northside Infill Housing
HOLLYWOOD ESTATE

Drawing Title
Drainage Details
Sheet 3

Scales Drawing No. Rev
as shown A3 4065-147 A

REFER TO DRAWINGS 4065-405 & 406 FOR GENERAL NOTES

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The logo for DJF Consulting Engineers is a blue oval containing the letters 'DJF' in white. To the right of the oval, the company name 'DJF CONSULTING ENGINEERS LTD.' is written vertically, followed by 'Consulting Engineers • Project Managers' and the address 'Reeveswood, Douglas Road, Cork'.

Northside Infill Housing Hollywood Estate

**Cork
City Council**
Comhairle Cathrach Chorcaí

Status	TENDER
Drawing Title	Proposed Road & Footpath Levels

A	ISSUED FOR INFORMATION
REV	DETAILS
Scales	
1:100	
- A3	

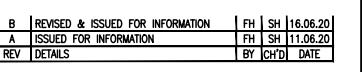
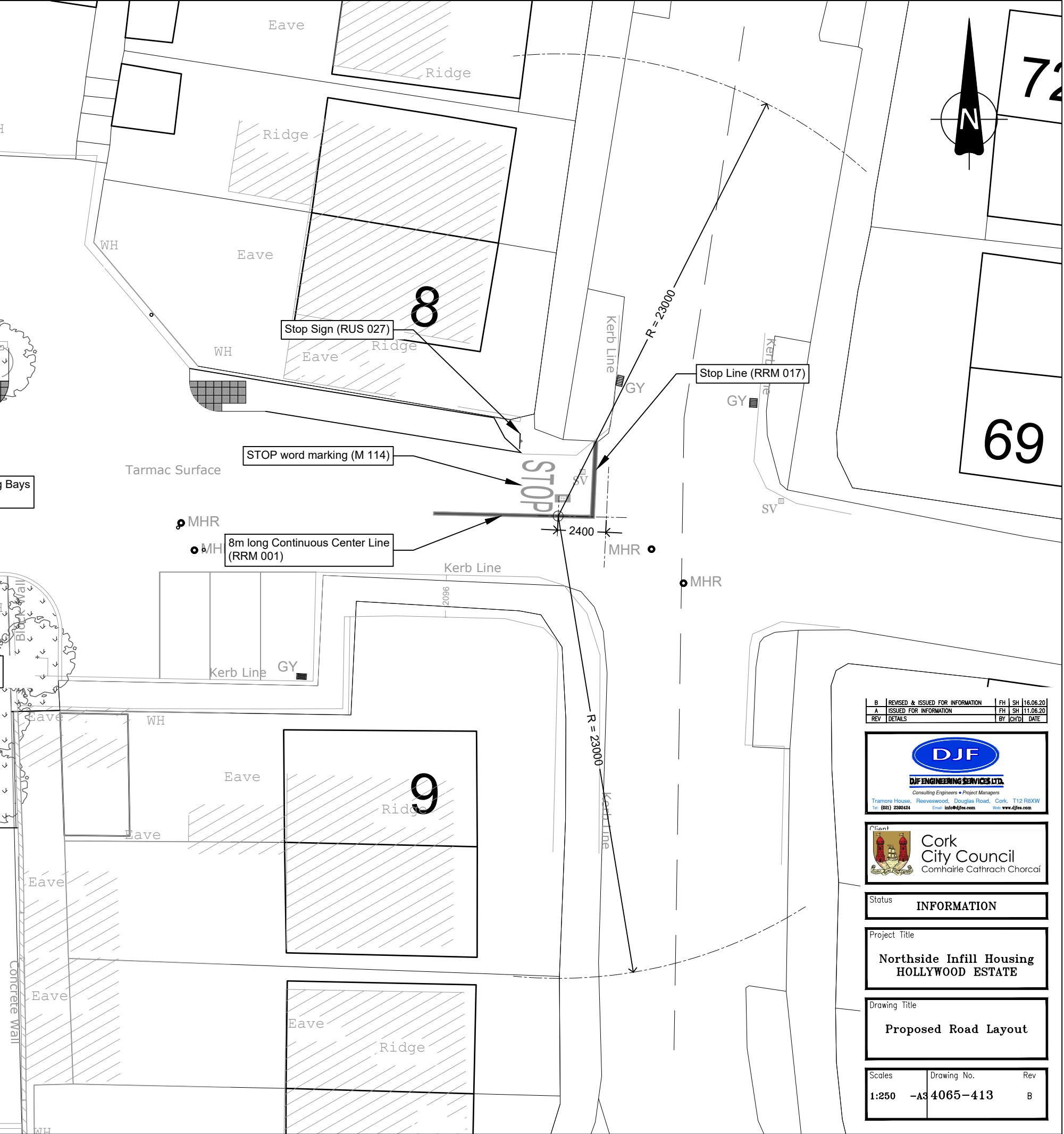
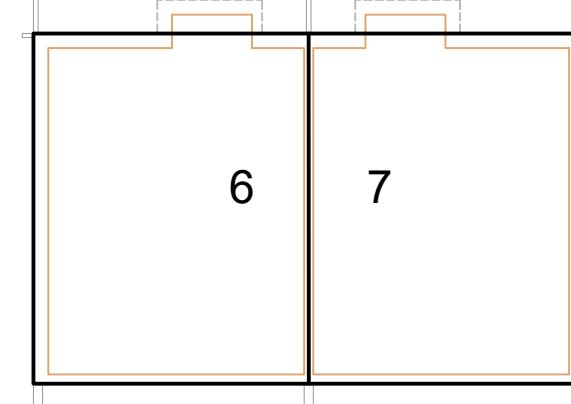
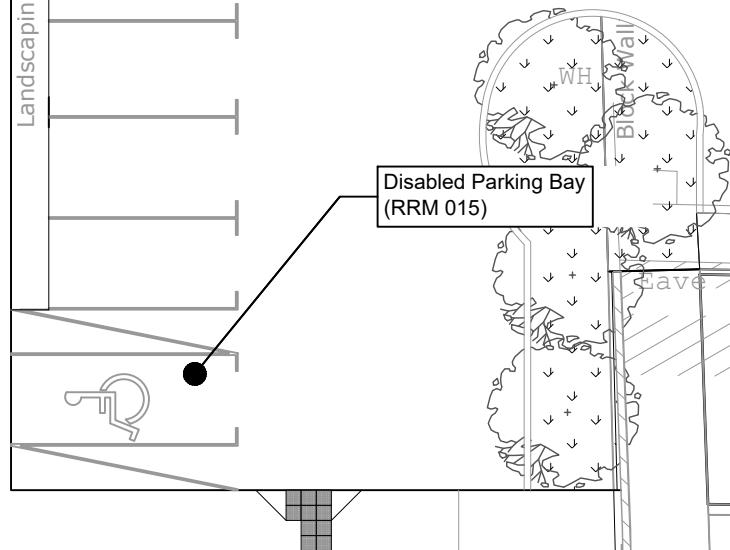
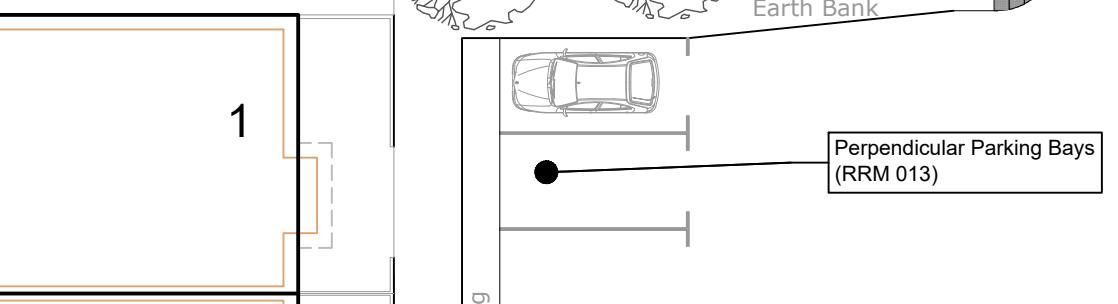
A ISSUED FOR INFORMATION REV DETAILS		FH BY (CHD)	SH DATE
Scales 1:100	—A3	Drawing No. 4065—412	Rev D

A3

REFER TO DRAWINGS 4065-405 & 406
FOR GENERAL NOTES

ROAD NOTES:

- DRAWING TO BE READ IN CONJUNCTION WITH trafficsigns.ie CURRENT TRAFFIC SIGNS MANUAL.
- ALL TEXT SHOWN TO BE AS PER FIGURE 7.60 OF TRAFFIC SIGNS MANUAL UNLESS NOTED OTHERWISE.
- ALL LINES SHOWN TO BE WHITE CONTINUOUS LINES
- 100mm WIDE UNLESS NOTED OTHERWISE.



The logo for DJF Engineering Services Ltd. features the letters 'DJF' in a large, bold, white sans-serif font, centered within a thick, dark blue oval border.



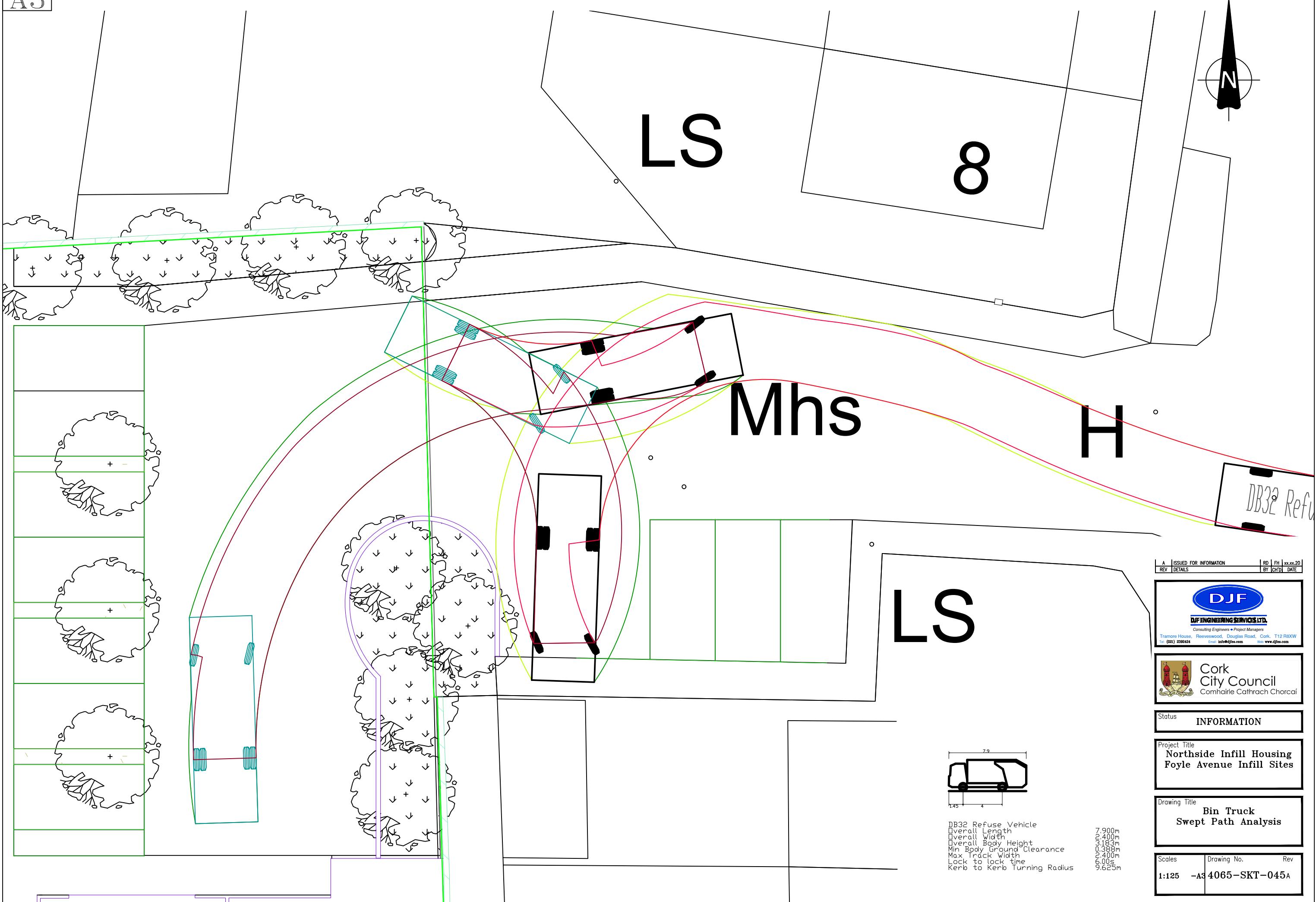
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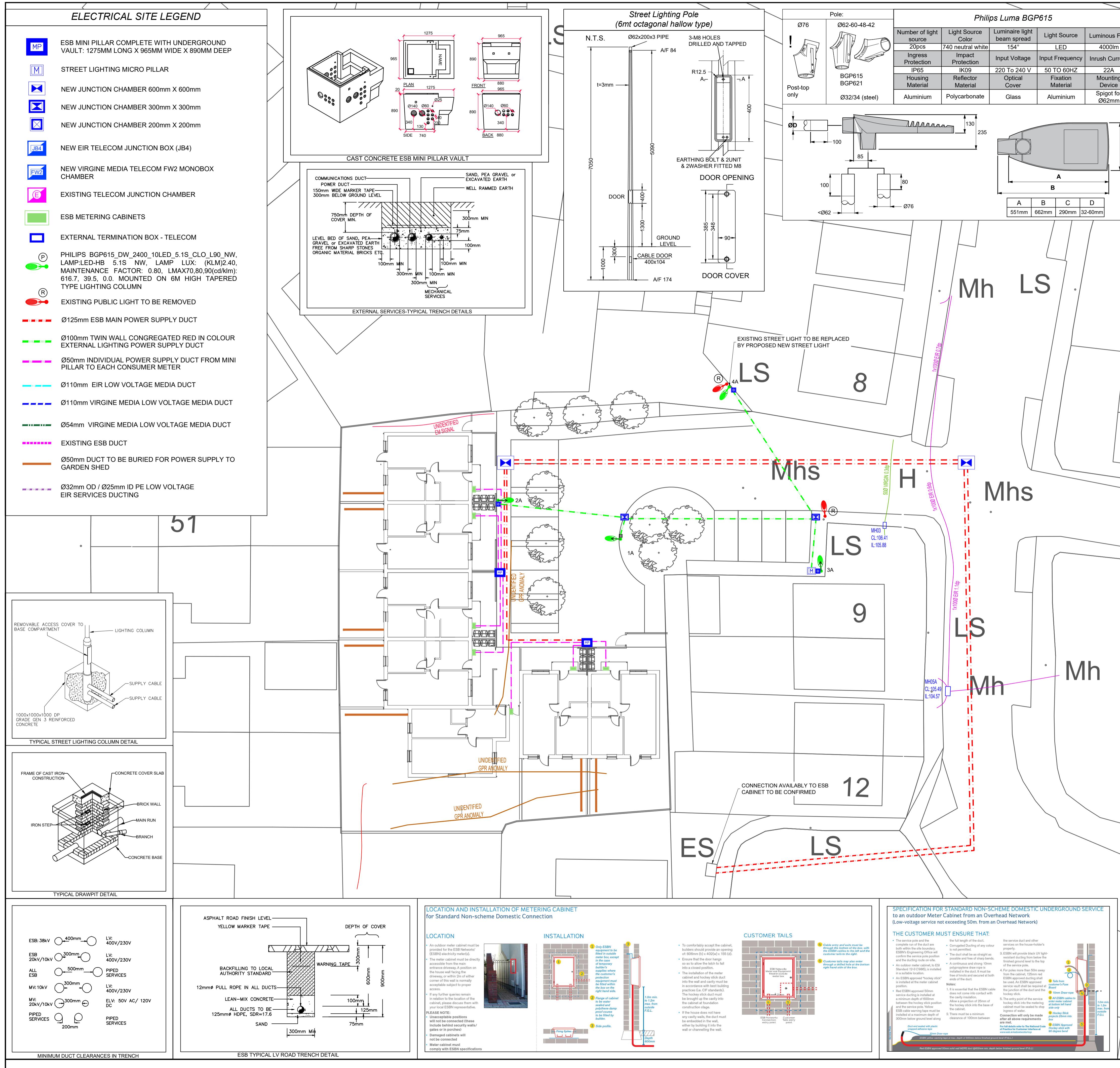
Project Title

Proposed Road Layout

es	Drawing No.	Rev
50	-A3 4065-413	B

A3





NOTES:-

COWLS TO BE INCLUDED IN SITE LIGHTING IF NECESSARY SO AS NOT TO INTERFERE WITH PASSING TRAFFIC OR CAUSE ANY GLARE OR ADDITIONAL LIGHT SPILL TO ADJOINING RESIDENTIAL PROPERTY.

THE WATTAGE OF THE LIGHTS MUST BE STATED IN ANY PROPOSAL AND MUST BE THE CLO WATTAGE FOR WHATEVER LUMEN OUTPUT THE DESIGN IS BASED ON.

PUBLIC LIGHTING TO THE HOUSING ESTATE SHALL COMPLY WITH BS EN 13201-2:2003, BS EN 13201-3:2003, BS EN 13201-4:2003 AND BS 5489-1:2013. ALL STREET LIGHTING SCHEMES MUST MEET THE REQUIREMENTS OF CEN CODE OF PRACTICE EN 13201-1:2016, CEN CODE OF PRACTICE ENI13201-5:2015 RELATING TO ENERGY BENCHMARKING, BS5489:2013, ETI01:2008, ET2II:2003 AND ESB NATIONAL CODE OF PRACTICE FOR CUSTOMER INTERFACE 4TH EDITION 2008. THE GENERAL STANDARD OF LIGHTING FOR RESIDENTIAL ROADS IS DIMMING LED DALI WITH CONSTANT LIGHT OUTPUT FUNCTION AT 6 METRE (ESTATE ROAD) MOUNTING HEIGHTS. THIS SHALL COMPLY WITH CLASS P4 LIGHTING AND A REQUIRED MAINTAINED MINIMUM POINT ILLUMINANCE OF 1 LX AND A MAINTAINED AVERAGE ILLUMINANCE OF 5 LX AS PER BS 5489-2013 TABLE A5 P SERIES OF LIGHTING CLASSES.

ALL ELECTRICAL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL RULES FOR ELECTRICAL INSTALLATIONS OF THE ELECTRO-TECHNICAL COUNCIL OF IRELAND, LATEST EDITION, INCLUDING PART 7, SECTION 714, EXTERNAL LIGHTING INSTALLATION.

ALL EXTERNAL LIGHTS SHALL BE DESIGNED AND CONSTRUCTED SO AS NOT TO CAUSE EXCESSIVE GLARE, OR DAZZLE MOTORISTS ON ADJOINING ROADS.

ALL EXTERNAL LIGHTING SHALL BE CONTROLLED THROUGH A PHOTOCELL
LIGHTING POLES TO BE OF 6 METER HIGH,

LIGHTING POLE HEIGHTS AND LIGHT FITTINGS TO BE INSTALLED AND SELECTED IN ACCORDANCE WITH THE RECOGNISED INTERNATIONAL STANDARDS (ENI13201:2 OF 2015 - ROADWAY LIGHTING).

IN ADVANCE OF COMMENCEMENT OF ANY CONSTRUCTION WORKS ONSITE, A FULL DETAILED DESIGN & LAYOUT OF PUBLIC LIGHTING, IN ACCORDANCE WITH THE MOST RECENT OF THE ABOVE GUIDANCE DOCUMENTS, SHALL BE SUBMITTED BY THE DEVELOPER & AGREED WITH CLARE COUNTY COUNCIL PUBLIC LIGHTING DESIGN DEPARTMENT.

SITE LIGHTING TO BE DIMMABLE FROM 12:00AM MIDNIGHT TO 06:00AM AS PER DIMMING CLASS 2A IN HOUSING ESTATES.

LOCATIONS OF ESB MICRO-PILLARS & VAULT ARRANGEMENTS FOR STREET LIGHTING TO BE AGREED UPON DEVELOPMENT OF STREET LIGHTING LAYOUTS WITH ESB LOCAL ENGINEER.

THE SWITCHING REGIME OF THE PUBLIC LIGHTS, DUSK 2 DAWN WITH PHOTOCELLS SHOULD BE MANUFACTURED TO ACCORD WITH BS 5972 AND HAVE A 35/18 LUX SWITCHING REGIME

Issue	REVISION	DATE	BY	CKD.
P3	RE-ISSUED FOR COMMENTS	25 JUN '20	JK	JG
P2	ISSUED FOR COMMENTS	24 JUN '20	JK	JG
P1	ISSUED FOR COMMENTS	08 APR '20	JK	JG

ured dimensions only should be taken from this drawing. Contractors must visit the site and be responsible for taking and checking all dimensions that relate to this work

Latt O'Mahony & Associates Ltd.
Engineering and Project Consultants.
8 Sidney Place, Wellington Rd., Cork
TEL (021) 4528284 FAX (021) 4528766

TEL: (021) 4506364 FAX: (021) 4509796
EMAIL: mattomahony.ie

CORK

**SITE SERVICES
POWER & STREET LIGHTING**

19/2139	Scale 1: 200@A1	Cad ref. 2139_HOLLYWOOD EST.DWG
E7		Date SEP 2019
W KASZKOWIAK	 A circular logo for SGS ISO 9001 certification. It features a large orange circle with a white checkmark in the center. The word "SGS" is written in large white letters at the bottom, and "ISO 9001" is written vertically in red on the left side. The outer ring of the circle contains the text "SYSTEM CERTIFICATION" in a smaller font.	
JG		 The MoMA logo, which consists of a dark blue square with a white "MoMA" monogram in the center. A white circle is positioned to the left of the monogram.