

Luxor Investments Limited c/o Fergal Timlin,  
Punch Consulting,  
97 Henry Street,  
Limerick

23 May 2019

**Re: Design Submission for Housing Development at Crown Square Development, Monivea Road, Galway (the “Development”) (the “Design Submission”) / 953699652.**

**Uisce Éireann**  
Bosca OP 448  
Oifig Sheachadta  
na Cathrach Theas  
Cathair Chorcaí

**Irish Water**  
PO Box 448  
South City  
Delivery Office  
Cork City

[www.water.ie](http://www.water.ie)

Dear Fergal,

Many thanks for your recent Design Submission.

We have reviewed your proposal for the connection(s) at the Development. Based on the information provided, which included the documents outlined in Appendix A to this letter, Irish Water has no objection to your proposals.

This letter does not constitute an offer, in whole or in part, to provide a connection to any Irish Water infrastructure. Before you can connect to our network you must sign a connection agreement with Irish Water. This can be applied for by completing the connection application form at [www.water.ie/connections](http://www.water.ie/connections). Irish Water’s current charges for water and wastewater connections are set out in the Water Charges Plan as approved by the Commission for Regulation of Utilities (CRU) ([https://www.cru.ie/document\\_group/irish-waters-water-charges-plan-2018/](https://www.cru.ie/document_group/irish-waters-water-charges-plan-2018/)).

You the Customer (including any designers/contractors or other related parties appointed by you) is entirely responsible for the design and construction of all water and/or wastewater infrastructure within the Development which is necessary to facilitate connection(s) from the boundary of the Development to Irish Water’s network(s) (the “**Self-Lay Works**”), as reflected in your Design Submission. Acceptance of the Design Submission by Irish Water does not, in any way, render Irish Water liable for any elements of the design and/or construction of the Self-Lay Works.

If you have any further questions, please contact your Irish Water Representative

Name: James O’Malley  
Email: [jomalley@water.ie](mailto:jomalley@water.ie)

Yours sincerely,



**Maria O’Dwyer**

**Connections and Developer Services**

## Appendix A

### Document Title & Revision

- 183-106-051-PL1 Proposed Ground Floor Drainage Layout – Phase 2
- 183-106-053-PL1 Basement Floor Drainage – Phase 2
- 183-106-054-PL1 Watermain Layout – Phase 2
- 183-106-057-PL0 Drainage Longitudinal Sections – Sheet 3 of 6
- 183-106-058-PL0 Drainage Longitudinal Sections – Sheet 4 of 6
- 183-106-060-PL0 Drainage Longitudinal Sections – Sheet 6 of 6

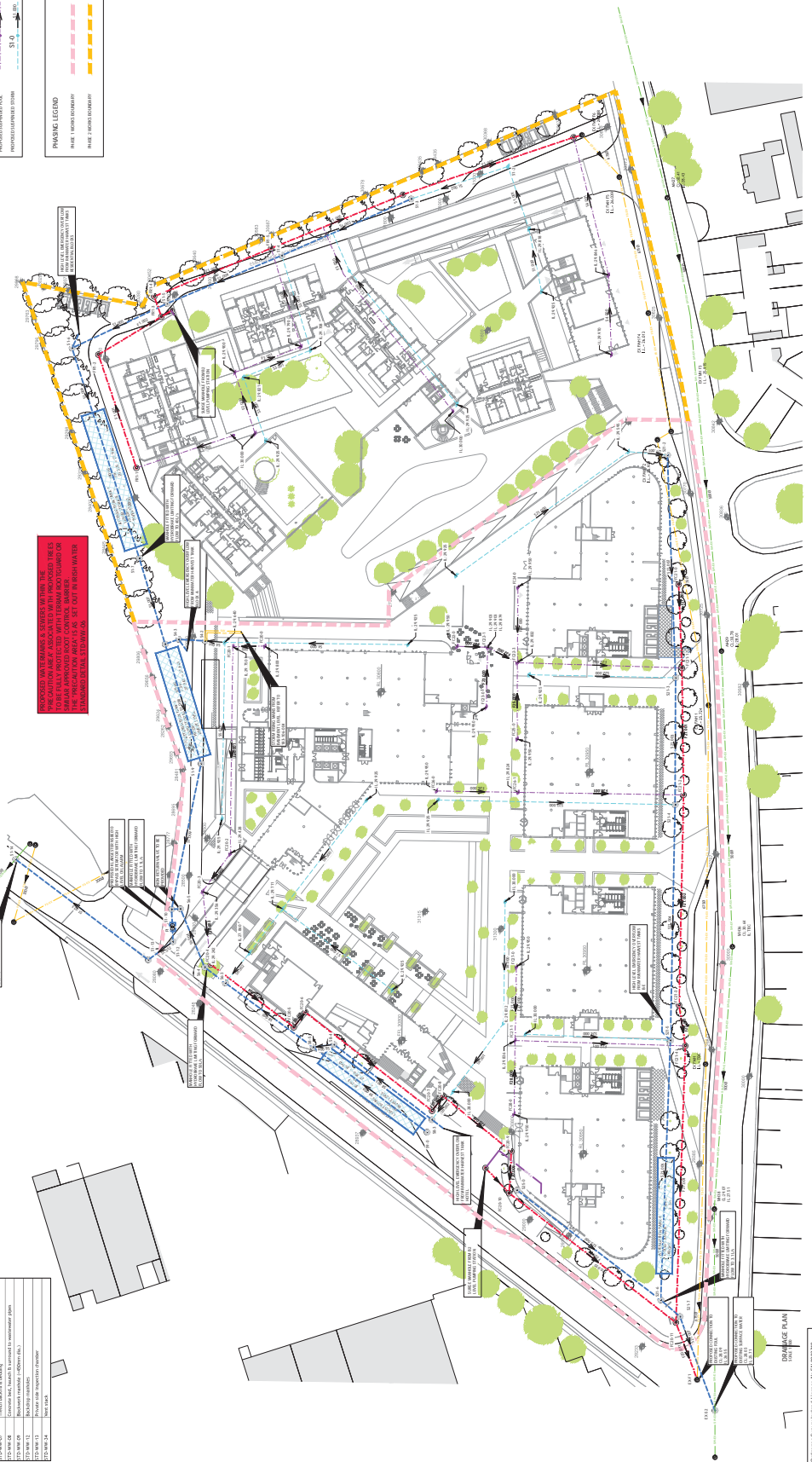
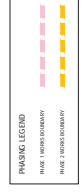
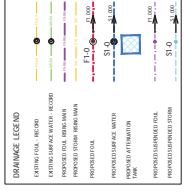
### Standard Details/Code of Practice Exemption: N/A

**\* Statement of Design Acceptance conditional that minimum cover to FC20-10 is increased to 500mm as per section 3.9.1 of the Wastewater Code of Practice**

For further information, visit [www.water.ie/connections](http://www.water.ie/connections)

*Notwithstanding any matters listed above, the Customer (including any appointed designers/contractors, etc.) is entirely responsible for the design and construction of the Self-Lay Works. Acceptance of the Design Submission by Irish Water will not, in any way, render Irish Water liable for any elements of the design and/or construction of the Self-Lay Works.*

NOTE	
PLEASE REFER TO THE DRAWINGS AND THE APPROPRIATE CODES OF PRACTICE.	
WASTEWATER WASTEWATER DETAILS	
Drawing No.	Drawing Title
22.WW.01	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.02	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.03	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.04	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.05	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.06	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.07	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.08	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.09	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.10	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.11	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.12	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.13	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE
22.WW.14	WASTEWATER WASTE WASTE WASTE WASTE WASTE WASTE



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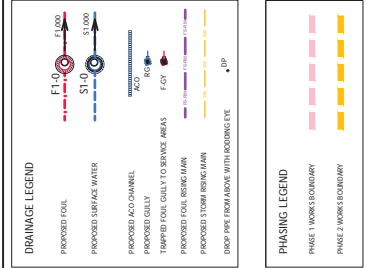
- GENERAL NOTES**
- THE INFORMATION ON THIS DRAWING IS BASED ON THE INFORMATION PROVIDED BY THE CLIENT AND THE CONSULTANT HAS NOT CONDUCTED ANY VISUAL SURVEY OF THE SITE.
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**DRAINAGE LEGEND**

- PROPOSED FOUL
- PROPOSED SURFACE WATER
- PROPOSED ACID CHANNEL
- PROPOSED GULLY
- TAMPED FOUL GULLY TO SERVICE AREA
- PROPOSED FOUL RISING MAIN
- PROPOSED STORM RISING MAIN
- DROP PIPE FROM ABOVE WITH HOODING EYE
- PHASE 1 WORKS BOUNDARY
- PHASE 2 WORKS BOUNDARY

**PHASING LEGEND**

- PHASE 1 WORKS BOUNDARY
- PHASE 2 WORKS BOUNDARY



<p><b>CLIENT:</b> CROWN SQUARE DEVELOPMENTS LTD.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Rev</th> <th>Issue</th> <th>By</th> <th>Date</th> </tr> <tr> <td>001</td> <td>ISSUED FOR PLANNING</td> <td>PM</td> <td>2019/03/13</td> </tr> <tr> <td>002</td> <td>DESIGN DEVELOPMENT - PROPOSED LACTEAL BISH WATER COMMENTS</td> <td>PM</td> <td>2019/03/15</td> </tr> </table>	Rev	Issue	By	Date	001	ISSUED FOR PLANNING	PM	2019/03/13	002	DESIGN DEVELOPMENT - PROPOSED LACTEAL BISH WATER COMMENTS	PM	2019/03/15	<p><b>PROJECT:</b> CROWN SQUARE PROJECT GALWAY PHASE 2 BASEMENT FLOOR DRAINAGE</p>
Rev	Issue	By	Date											
001	ISSUED FOR PLANNING	PM	2019/03/13											
002	DESIGN DEVELOPMENT - PROPOSED LACTEAL BISH WATER COMMENTS	PM	2019/03/15											
<p><b>PUNCH CONSULTING ENGINEERS LTD.</b> Dublin   Limerick   Cork   Galway   Glasgow</p> <p>Galway Office: 183-106-053   Galway Office: 183-106-053   Galway Office: 183-106-053   Galway Office: 183-106-053</p>														
<p><b>APPROVED FOR SUBMITTAL</b></p>														

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**BRSH WATER WATERMAIN DETAILS**

Drawing No.	Drawing Title
STD-W-01	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 water infrastructure works adjacent to existing watermains
STD-W-13	Thrust blocks & bedding
STD-W-14	Off-line valve for polyethylene (P.E.) pipe (>30mm dia.) (sheet 1 of 2)
STD-W-15	Off-line valve for polyethylene (P.E.) pipe (>30mm dia.) (sheet 2 of 2)
STD-W-16	Off-line hydrant for polyethylene (P.E.) pipe (sheet 1 of 4)
STD-W-17	Off-line hydrant for polyethylene (P.E.) pipe (sheet 2 of 4)
STD-W-18	Off-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	Non-mech meter chamber (40-250mm dia.)
STD-W-21	Water main (sheet 1 of 2)
STD-W-22	Water main (sheet 2 of 2)
STD-W-23	Water main thrust & support blocks
STD-W-24	Water main thrust & support blocks
STD-W-25	Water main thrust & support blocks
STD-W-26	Water main thrust & support blocks
STD-W-27	Water main thrust & support blocks
STD-W-28	Water main thrust & support blocks
STD-W-29	Water main thrust & support blocks
STD-W-30	Water main thrust & support blocks

**NOTE**

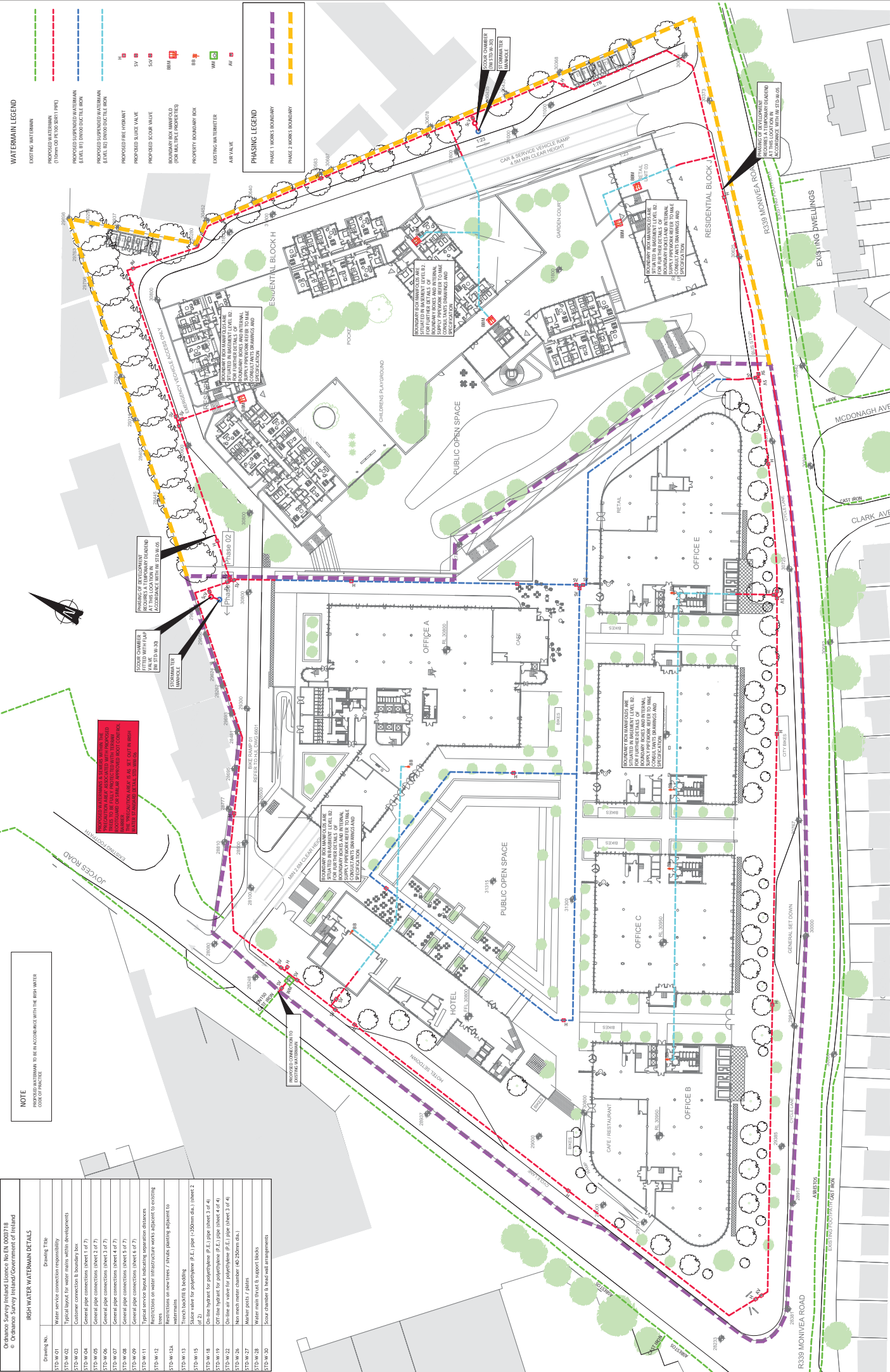
PROPOSED WATERMAIN TO BE IN ACCORDANCE WITH THE BRSH WATER CODE OF PRACTICE

**WATERMAIN LEGEND**

- EXISTING WATERMAIN
- PROPOSED WATERMAIN (100mm OD PE 100 SDR11 PIPE)
- PROPOSED SUSPENDED WATERMAIN (ELEV. 1.0) INTRODUCING THE IRON
- PROPOSED SUSPENDED WATERMAIN (ELEV. 1.0) INTRODUCING THE IRON
- PROPOSED FIRE HYDRANT
- PROPOSED SLUICE VALVE
- PROPOSED SCOUR VALVE
- BOUNDARY BOX MANHOLE (FOR MULTIPLE PROPERTIES)
- PROPERTY BOUNDARY BOX
- EXISTING WATERMETER
- AIR VALVE

**PHASING LEGEND**

- PHASE 1 WORK BOUNDARY
- PHASE 2 WORK BOUNDARY



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 Dublin | Limerick | Cork | Galway | Glasgow  
 Consulting Engineers  
 183-106-054 | PL1  
 www.punchconsulting.com

**CROWN SQUARE DEVELOPMENTS LTD.**  
 CHIEF: P. J. Mccarty  
 DRAWN: P. J. Mccarty  
 DATE: 2018.03.13  
 PROJECT: R339 MONIVEA ROAD  
 SHEET: STD-W-01

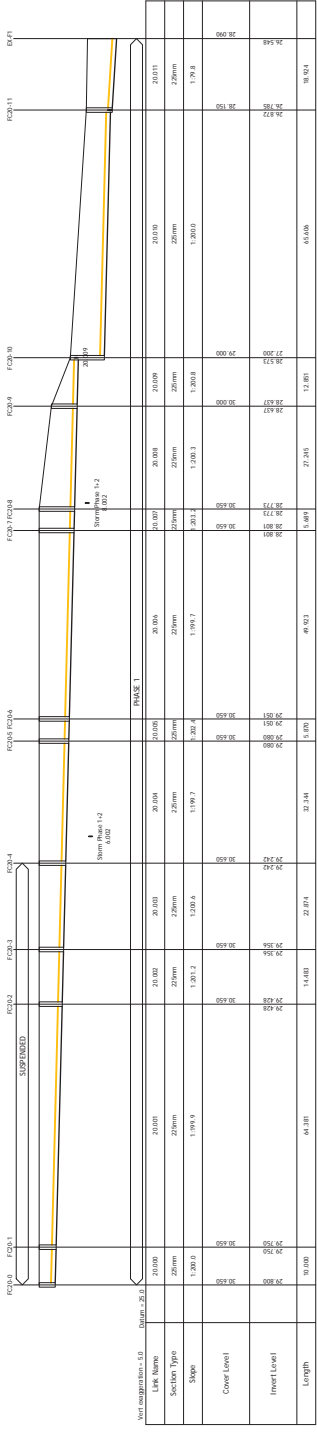
**APPROVED**  
 DATE: 2018.03.08  
 PROJECT: R339 MONIVEA ROAD  
 SHEET: STD-W-01

**REVISIONS**

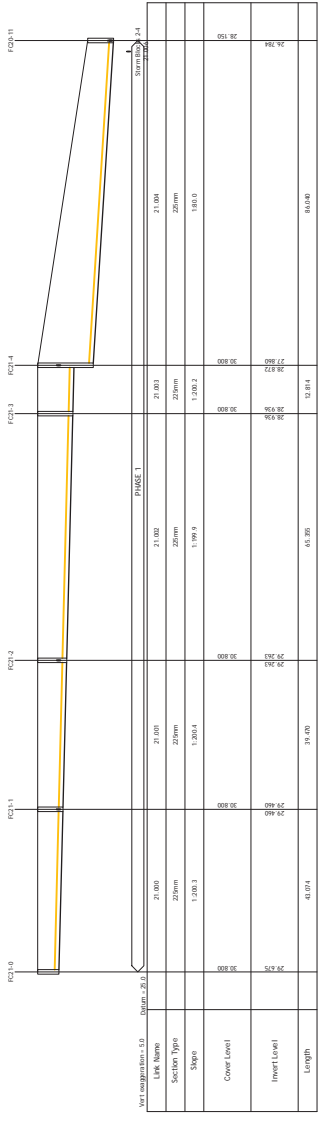
Rev	By	Date	Description
01	PJM	2018.03.13	ISSUED FOR CONSTRUCTION
02	PJM	2018.03.13	ISSUED FOR CONSTRUCTION

**PROJECT INFORMATION**

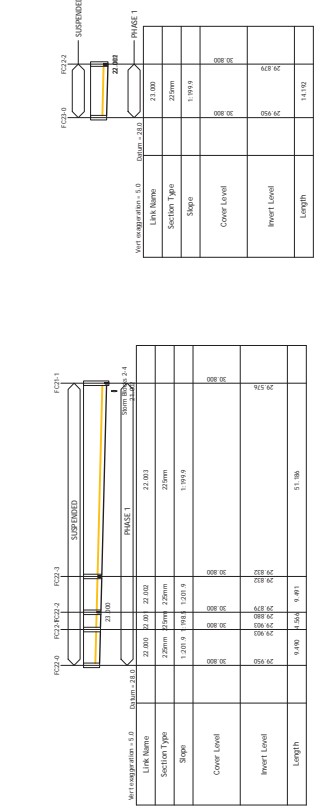
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 SHEET: STD-W-01  
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 PROJECT: R339 MONIVEA ROAD  
 SHEET: STD-W-01



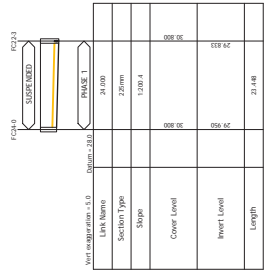
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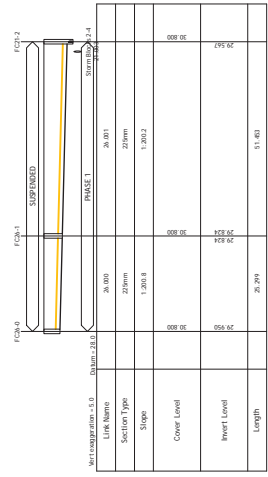
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Veri-occupation - 5.0	Phase 1	21.000	21+000	100.0	1.000	3.000



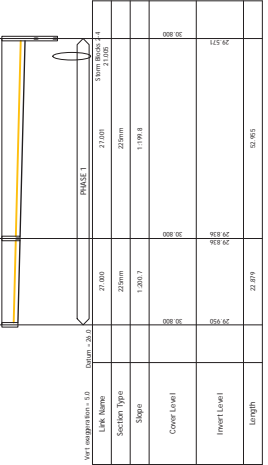
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Veri-occupation - 5.0	Phase 1	21.000	21+000	100.0	1.000	3.000



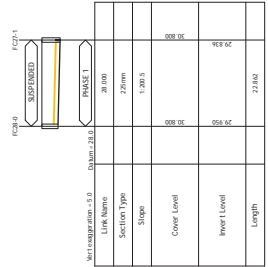
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Veri-occupation - 5.0	Phase 1	21.000	21+000	100.0	1.000	3.000



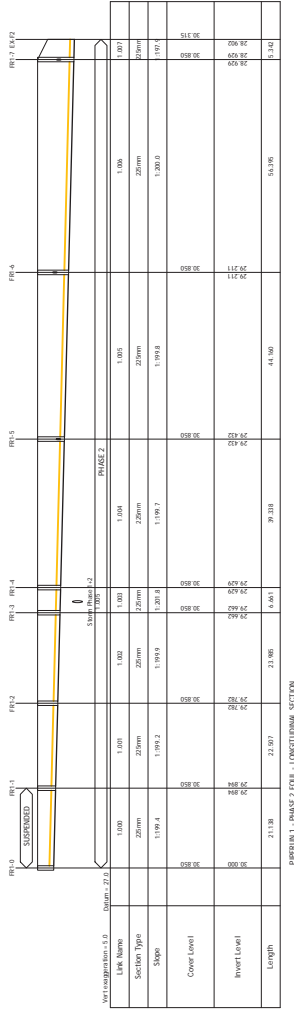
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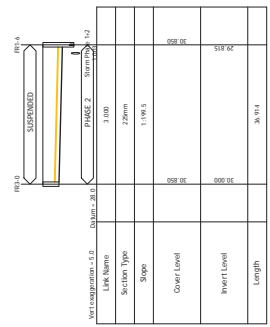
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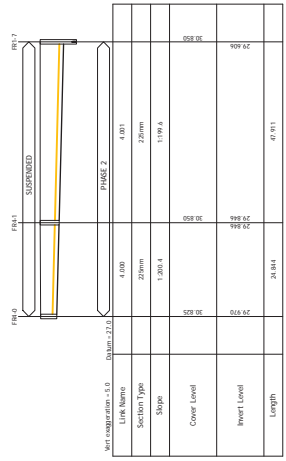
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Veri-occupation - 5.0	Phase 1	21.000	21+000	100.0	1.000	3.000



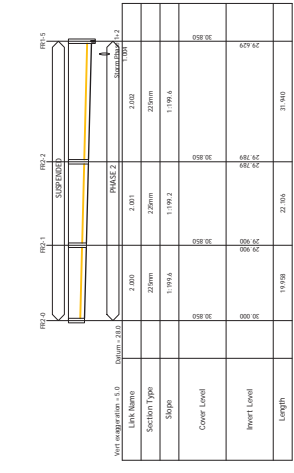
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For information, 1:100 scale, 1:100



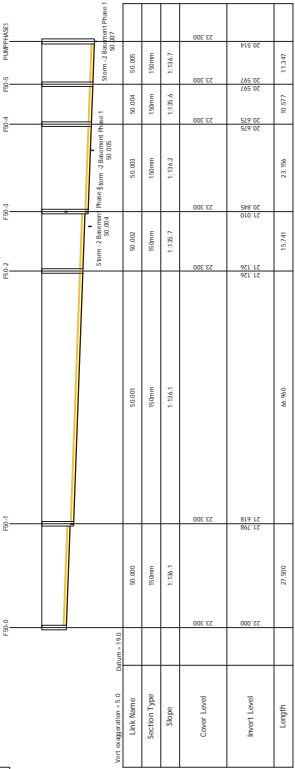
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For information, 1:100 scale, 1:100



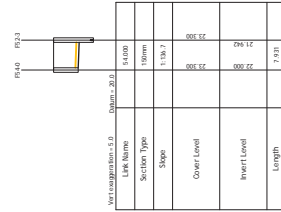
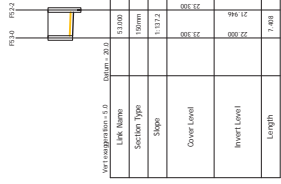
PIPERUN 4 - FCBL PHASE 3 - LONGITUDINAL SECTION  
For information, 1:100 scale, 1:100



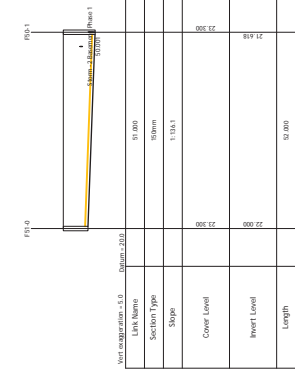
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For information, 1:100 scale, 1:100



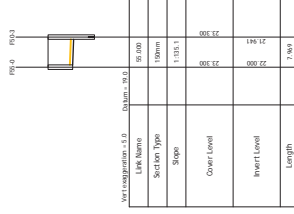
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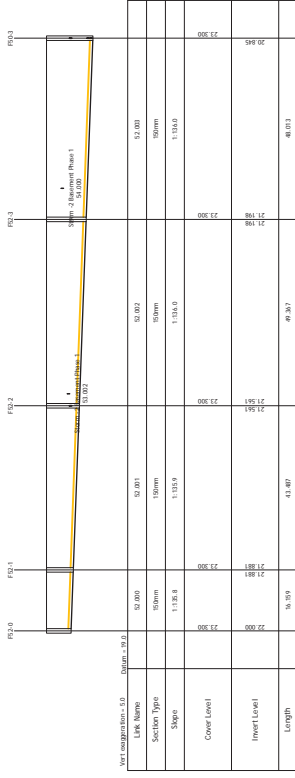
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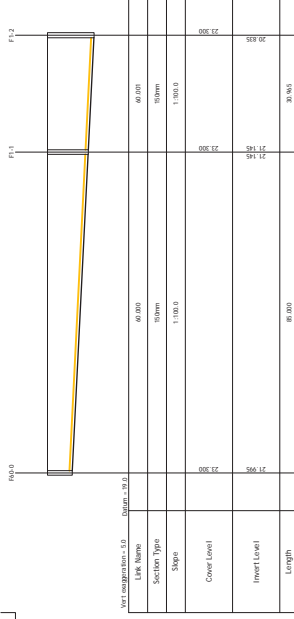
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PIPERIN 55 - FOUL BASINRY LEVEL -2 - LONGITUDINAL SECTION



PIPERIN 60 - FOUL BASINRY LEVEL -2 - LONGITUDINAL SECTION



PIPERIN 60 - FOUL BASINRY LEVEL -2 - LONGITUDINAL SECTION