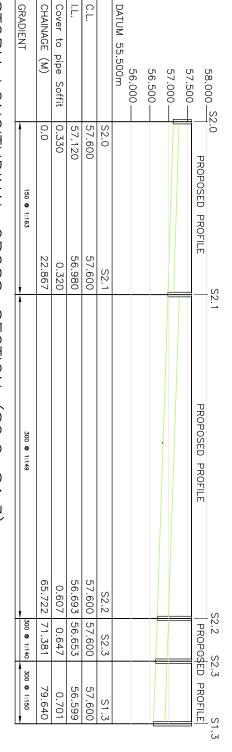
Cover to pipe Soffit CHAINAGE (M) GRADIENT 56.000-DATUM 55.500m 57.000-56.500-57.600 57.191 0.184 \$1.0 PROPOSED PROFILE 57.600 56.836 0.539 42.796 S1.1 PROPOSED PROFILE 225 @ 1:120 65.522 56.666 57.600 0.709 S1.2 56.599 0.701 225 @ 1:120 300 @ 1:120 71.425 57.600 S1.3 BPS S1.4 76.846 57.675 78.657 56.539 57.650 225 @ 1:120 0.811 Ex. Storm MH Ex.MH 57.790 56.724 0.916 87.558

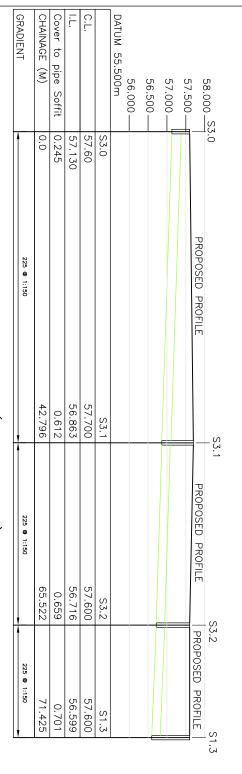
STORM LONGITUDINAL CROSS-SECTION (S1.0-Existing Storm Manhole)

1:500 HORIZONTALLY, 1:100 VERTICALLY.



STORM LONGITUDINAL CROSS-SECTION (S2.0-S1.3)

1:500 HORIZONTALLY, 1:100 VERTICALLY.



STORM LONGITUDINAL CROSS-SECTION (S3.0-S1.3)

0

BOWE CONSULTING ENGINEERS



1:500 HORIZONTALLY, 1:100 VERTICALLY.

0.320 27.111 150 • 1:54	1:56	150 @ 1:56	GRADIFNT
0.320	14.090		
0.320	202 / 1	0.0	CHAINAGE (M)
00.00	0.550	0.294	Cover to pipe Soffit
78 080	56.900	57.156	I.E.
57.600	57.600	57.600	C.L.
S2.1	S4.1	S4.0	
			DATUM 55.500m
			56.000
			56.500
			37.000
			۳7 000
			57.500
OFILE	PROPOSED PROFILE		
S2.	S4.1	4.0	58 000 S4.0

HEPE jubes shall be of a type PE-100 and have an SPR-II and SDR-II rating. Ply shall conform to IS EN 12201: Don't a may for 2 (Plastic Systems for Water Supply, Don'togs and Part 2 (Plastic Systems for Water Supply, Don'togs and Part 3 (Plastic Systems for Water Supply, Don'togs and Part 3 (Plastic Systems for Water Supply, Don'togs and SPR 12201: Part 2 2003. 17. They shall conform to IS PR 12201: Part 2 2003.

RAVITY SEWER PIPE MATERIAL SPECIFICATION:

cised PVC pipes and fittings shall comply with visions IS EN 1401 2009/2012. Pipes to be sisons are code "Up". Stiffness Class BkN/m2 for cotpothe, Stiffness Class 4kN/m2 for soft yed/grass areas with no vehicle access.

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR OF NITTER TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
4. ALL LEGIES, SHOWN RELATE TO ORDINACE SURVEY SALL SHOWN RELATE TO ORDINACE SURVEY SALL SHOWN RELATE TO ORDINACE SURVEY FROUREABING WITH DEPOSITION HOD DEPOSITION TO LOCAL AUTHORITY REQUIREMENTS.
6. ALL PEDESTRIAN LUNCTIONS TO HAVE DISHED KERBS WITH ADDIAGONOM BUFF TACTURE BUSTER PAYING TO MAN PEDESTRIAN CROSSING SPECIFICATION AND GUIDANCE APRIL 7011

APRIL ZOTI 7. ALL TRAFFIC JGNS & ROAD MARKINGS AS PER CURRENT TRAFFIC DESIGN MANUAL 8. FOR ALL SEWER AND WATER SERVICE CONSTRUCTION DETAILS REFER TO STANDARD DETAILS FROM IRISH WATER

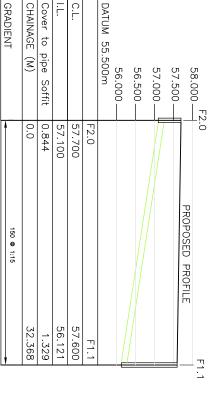
VATER MAIN PIPE MATERIAL SPECIFICATION:

STORI \(\sum_{2}\) Provision for jetting shall be based on the WRc Sewer Jetting Code of Practice, June 1997. Pipes to be capable of resisting a maximum jetting pump pressure of 2,600psi (180 Bar) without damage.

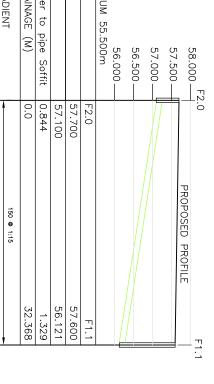
PROPOSED ROAD CONSTRUCTION:

SURFACE COURSE. (40mm)

(Sewer diameters 150mm up to 450mm, Service Connections of 100mm diameter)



The second second			
CHAINAGE (M)	0.0 14.393	27.111	
GRADIFNT	150 @ 1:56	150 @ 1:54	
Ö			
STORM LONG	SITUDINAL (STORM LONGITUDINAL CROSS-SECTION	_
1:500 HORIZONTALLY, 1:100 VERTICALLY	NTALLY, 1:100	VERTICALLY.	



HE SURFACE COUPES: SHALL BE CLAUSE 942 POLYMER MODIFIED STONE MASTED ASPAML (PLAMA). WITH A SIAT PHIS STATEMENT OF THE DESCRATION SHALL A SIAT PHIS STATEMENT OF THE MASTED THE MASTED TO THE PRODUCTION OF THE PRODUCTION OF THE PRODUCTION OF COUPES ADDRECATE SHALL CONSIST OF THE SHALL PRODUCTION OF THE SHALL CONSIST OF THE SHALL CONSIST OF THE SHALL CONSIST OF THE SHALL CONSIST OF THE SHALL SHALL CONSIST OF THE SHALL SHALL SHALL AND THE SEQUIPELANTS OF THE SHALL SHA BASE COURSE. (60mm)

THE BASE COURSE BITUMINOUS MATERIAL BABLL BE DRISE BASE COURSE ASPHAID. CONDETE SUPPLIED, LAD AND COMPACTED IN ACCORDANCE WITH THE MARCH SPECIFICATION FOR ROAD WORKS 900 SERIES (MARCH 2011). THE CRUSEE BASE COURSES SHALL BE MIXTURE DESIGNATION "NG 32 dense base 70/100 res" COMPOSITION COMPLYING WITH CAUSES 900 OF THE NRA SPECIFICATION FOR ROAD WORKS (MARCH 2011).

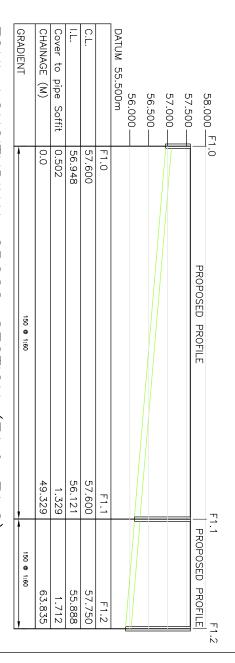
-CAPPING LAYER TO 6F1. DEPTH SUBJECT TO ONSITE TESTING

SECTION (F2.0-F1.1)

FOUL LONGITUDINAL CROSS

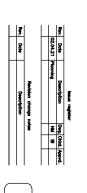
1:500 HORIZONTALLY, 1:100 VERT

ICALLY.



FOUL LONGITUDINAL CROSS SECTION (F1.0-F1.2)

1:500 HORIZONTALLY, 1:100 VERT CALLY.





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www.boa.ie info@boa.ie	(050) 9137422	bate:	Dete: 5		OW	o brien Road, carlow
	B				e campus,	Proposed Enterprise Campus,
LIGITEELS						Job Description:
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