

ON ORIGINAL

© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL

NOTES: GENERAL NOTES:

- 1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TII SPECIFICATION FOR ROADWORKS AND SOUTH DUBLIN COUNTY COUNCIL STANDARDS
- 2. ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED
- OTHERWISE. 3. ALL COORDINATES ARE TO THE ITM (IRISH TRANSVERSE
- MERCATOR) GEOGRAPHIC COORDINATE SYSTEM. 4. ALL LEVELS ARE TO ORDNANCE DATUM IRELAND (MALIN
- HEAD).
- 5. ALL TEMPORARY TRAFFIC MANAGEMENT SHALL COMPLY WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL
- 6. ALL MATERIAL DISPOSED OFF SITE SHALL BE TAKEN TO A LICENSED FACILITY APPROVED BY SOUTH DUBLIN COUNTY COUNCIL.
- 7. ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND, IN ADDITION, THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION SR 21:2014 -GUIDANCE ON THE USE OF IS EN 13242 + A1:2007 -AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION. FURTHER DETAIL IS PROVIDED IN ADDITIONAL CLAUSE 144AR OF THE CONTRACT SPECIFICATION.

DRAWING SPECIFIC NOTES

BS

1. ALL BITUMINOUS MATERIALS SHALL BE LAID & COMPACTED IN ACCORDANCE WITH SPECIFICATION SERIES 700 & 900.

2. STONE BLINDING WITH 2-6.3mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242

SIEVE SIZE (mm)	% BY MASS PASSING
14	100
10	98-100
6.3	80-99
2.0	0-20
1.0	0-5

3. CRUSHED STONE TO PERMEABLE PAVING AREAS WITH 4-20mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242

BS SIEVE SIZE (mm) % BY MASS PASSING

40 31.5

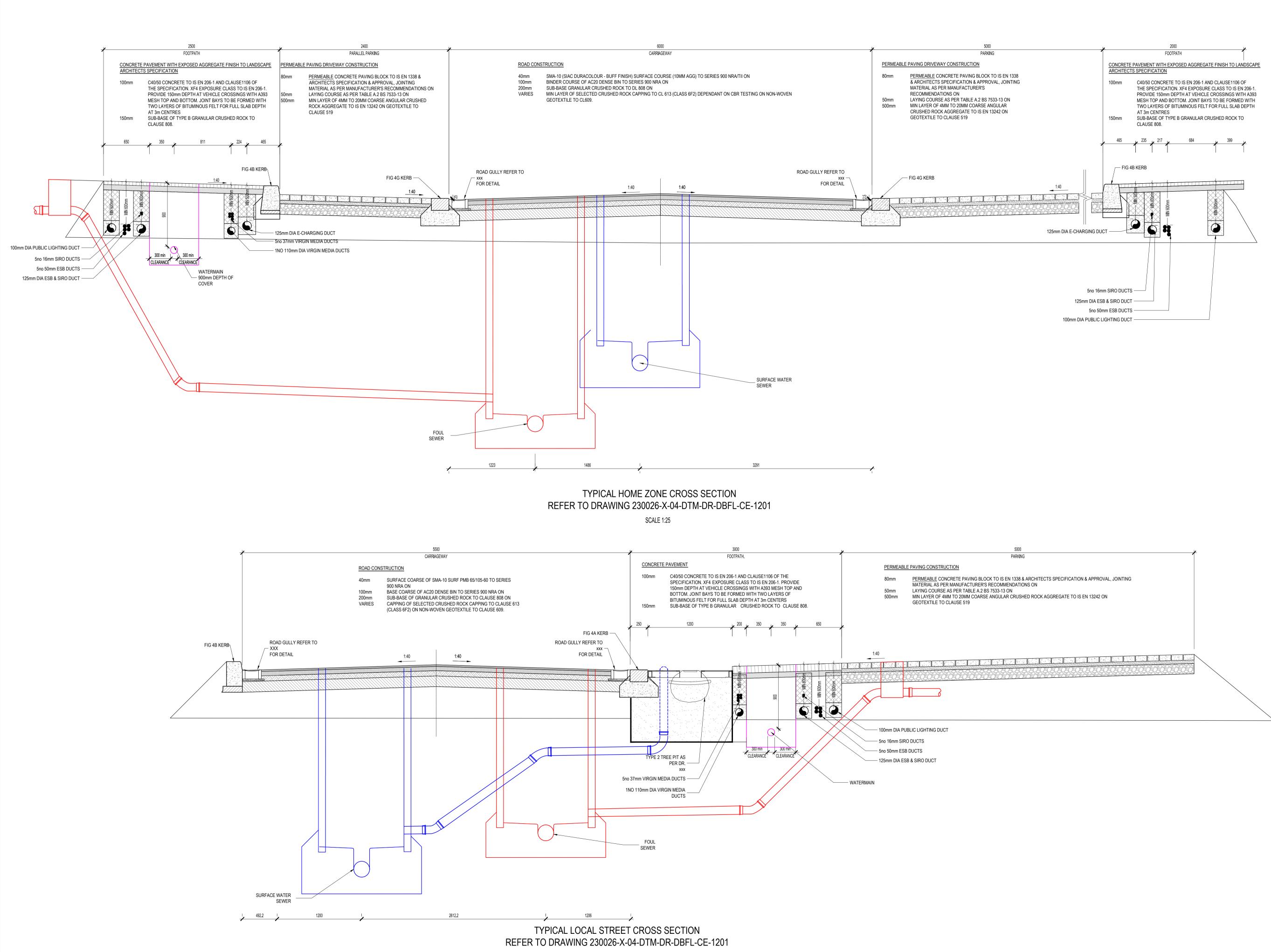
100
98-100
90-99
25-70
0-15
0-5

- 4. ANY ROADS PROPOSED TO BE USED FOR CONSTRUCTION TRAFFIC ARE TO HAVE INCREASED DEPTH OF SUB-BASE FOR THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH SPECIFICATION.
- 5. ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
- 6. ALL GEOGRIDS TO BE LAID IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- 7. ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID
- TOWARD DRAINAGE PIPEWORK. 8. ALL UTILITIES SHALL MAINTAIN SEPARATION DISTANCES AS
- PER THE UTILITY PROVIDERS REQUIREMENTS.
- 9. ALL SEPARATION DISTANCES TO UTILITIES SHOWN ARE
- MINIMUM. 10. ALL MINIMUM COVER DEPTHS SHOWN TO UTILITIES ARE
- MINIMUM.
- 11. CONTRACTOR SHALL VERIFY ALL EXISTING SERVICES AND COVER TO SAME PRIOR TO LAYING CAPPING.
- 12. STREET LIGHTING LOCATIONS SHALL BE AS PER THE STREET LIGHTING LAYOUT AND COLUMN BASES INSTALLED AS PER STREET LIGHTING DESIGNER.
- 13. CONTRACTOR SHALL PROVE CBR AT TOP OF CAPPING AT 75m CENTRES PRIOR TO PLACING SUB-BASE. CONTRACTOR SHALL PROVE CBR AT TOP OF SUB-BASE AT 75M CENTRES PRIOR TO PLACING BASE COURSE.

0	17-11-23	For Planning	For Planning GM		
rev	date	desc	ription	by	chkc
		STATUS	CODES		
purpos P3 -		G PERMISSION	acceptance S - ISSUED		
Г	Т		Consulting Eng		
					.dbfl.ie
DUB	IN OFFICE: Orn	nond House, Upper Ormon	d Quay, Dublin 7. D07 W704		
	NE +353 1 400 4				
	K OFFICE: 14 So	outh Mall. Cork. T12 CT91			
PHO	NE +353 21 2024		vitana Cata, Canada Straat Wat	larford V01	10000
Pho Wat Pho	NE +353 21 2024 ERFORD OFFIC NE +353 51 309	4538 E: Suite 8b The Atrium, Ma 500	aritana Gate, Canada Street, Wat	terford. X91	W028
PHO WAT PHO GAL\	NE +353 21 2024 ERFORD OFFIC NE +353 51 309	4538 E: Suite 8b The Atrium, Ma 500 deon House, 7 Eyre Square		terford. X91	W028
PHO WAT PHO GAL\	NE +353 21 2024 ERFORD OFFIC NE +353 51 309 NAY OFFICE: O NE +353 91 33 5	4538 E: Suite 8b The Atrium, Ma 500 deon House, 7 Eyre Square		terford. X91	W028
PHO WAT PHO GAL PHO	NE +353 21 2024 ERFORD OFFIC NE +353 51 309 WAY OFFICE: O NE +353 91 33 5 : ref.	4538 E: Suite 8b The Atrium, Ma 500 deon House, 7 Eyre Squard 5 99	ə, Galway, H91 YNC8	terford. X91	W028
PHO WAT PHO GAL PHO	NE +353 21 2024 ERFORD OFFIC NE +353 51 309 WAY OFFICE: O NE +353 91 33 5 : ref.	4538 E: Suite 8b The Atrium, Ma 500 deon House, 7 Eyre Square	ə, Galway, H91 YNC8	terford. X91	W028
PHO WAT PHO GAL PHO	NE +353 21 2024 ERFORD OFFIC NE +353 51 309 WAY OFFICE: O NE +353 91 33 5 : ref.	4538 E: Suite 8b The Atrium, Ma 500 deon House, 7 Eyre Squard 5 99	ə, Galway, H91 YNC8	terford. X91	W028
PHO WAT PHO GAL PHO project	NE +353 21 2024 ERFORD OFFIC W4Y OFFICE: 0, NE +353 391 33 5 a ref.	4538 E: Suite 8b The Atrium, Ma 500 deon House, 7 Eyre Squard 5 99	ə, Galway, H91 YNC8	terford. X91	W028
PHO WAT PHO GAL PHO project	NE 4353 21 2024 ERFORD OFFICE NE 4353 51 309 NAY OFFICE: ON NE 4353 91 33 5 ref. SCHOO g title	4538 E: Suite 8b The Atrium, Ma 500 deon House, 7 Eyre Squar 5 99	e, Galway, H91 YNC8	terford. X91	W028
PHO WAT PHO GAL PHO	NE +353 21 2024 ERFORD OFFICE H + 353 51 309 WAY OFFICE: ON NE +353 91 33 5 Fref. SCHOO g title TYPICA	4538 E: Suite 8b The Atrium, Ma 500 deon House, 7 Eyre Squar 5 99	e, Galway, H91 YNC8	terford. X91	W028
PHO WAT PHO GAL PHO	NE +353 21 2024 ERFORD OFFICE H + 353 51 309 WAY OFFICE: ON NE +353 91 33 5 Fref. SCHOO g title TYPICA	4538 E: Suite 8b The Atrium, Ma 500 deon House, 7 Eyre Squar 5 99	e, Galway, H91 YNC8	terford. X91	W028
PHO WAT PHO GAL PHO project	NE +353 21 2024 ERFORD OFFICE H + 353 51 309 WAY OFFICE: ON NE +353 91 33 5 Fref. SCHOO g title TYPICA	4538 E: Suite 8b The Atrium, Ma 500 deon House, 7 Eyre Squar 5 99	e, Galway, H91 YNC8	terford. X91	W028
PHO WAT PHO GAL PHO	nE 4353 21 2024 ERFORD OFFICE: OF NE 4353 51 309 WAY OFFICE: OF NE 4353 91 33 5 ref. SCHOO g title TYPICA DETAILS	4538 E: Suite 8b The Atrium, Ma 500 L SITE AT KIL L ROAD CON S SHEET 1	e, Galway, H91 YNC8	terford. X91	W028

designed by sheet size PLY GMC AS NOTED A1 drawing no. 230026-X-04-X-XXX-DR-DBFL-CE-5201

scale



SCALE 1:25

ON ORIGINAL

© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL

NOTES: GENERAL NOTES:

- 1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TII SPECIFICATION FOR ROADWORKS AND SOUTH DUBLIN COUNTY COUNCIL STANDARDS
- 2. ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED
- OTHERWISE. 3. ALL COORDINATES ARE TO THE ITM (IRISH TRANSVERSE
- MERCATOR) GEOGRAPHIC COORDINATE SYSTEM.
- 4. ALL LEVELS ARE TO ORDNANCE DATUM IRELAND (MALIN HEAD).
- 5. ALL TEMPORARY TRAFFIC MANAGEMENT SHALL COMPLY WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL
- 6. ALL MATERIAL DISPOSED OFF SITE SHALL BE TAKEN TO A LICENSED FACILITY APPROVED BY SOUTH DUBLIN COUNTY COUNCIL.
- 7. ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND, IN ADDITION, THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION SR 21:2014 -GUIDANCE ON THE USE OF IS EN 13242 + A1:2007 -AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION. FURTHER DETAIL IS PROVIDED IN ADDITIONAL CLAUSE 144AR OF THE CONTRACT SPECIFICATION.

DRAWING SPECIFIC NOTES

BS

- 1. ALL BITUMINOUS MATERIALS SHALL BE LAID & COMPACTED IN ACCORDANCE WITH SPECIFICATION SERIES 700 & 900.
- 2. STONE BLINDING WITH 2-6.3mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242

SIEVE SIZE (mm)	% BY MASS PASSING
14	100
10	98-100
6.3	80-99
2.0	0-20
1.0	0-5

3. CRUSHED STONE TO PERMEABLE PAVING AREAS WITH 4-20mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242

BS SIEVE SIZE (mm) % BY MASS PASSING

40 31.5

100
98-100
90-99
25-70
0-15
0-5

- 4. ANY ROADS PROPOSED TO BE USED FOR CONSTRUCTION TRAFFIC ARE TO HAVE INCREASED DEPTH OF SUB-BASE FOR THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH SPECIFICATION.
- 5. ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
- 6. ALL GEOGRIDS TO BE LAID IN ACCORDANCE WITH
- MANUFACTURERS SPECIFICATIONS. 7. ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID
- TOWARD DRAINAGE PIPEWORK. 8. ALL UTILITIES SHALL MAINTAIN SEPARATION DISTANCES AS
- PER THE UTILITY PROVIDERS REQUIREMENTS.
- 9. ALL SEPARATION DISTANCES TO UTILITIES SHOWN ARE MINIMUM.
- 10. ALL MINIMUM COVER DEPTHS SHOWN TO UTILITIES ARE MINIMUM.
- 11. CONTRACTOR SHALL VERIFY ALL EXISTING SERVICES AND
- COVER TO SAME PRIOR TO LAYING CAPPING. 12. STREET LIGHTING LOCATIONS SHALL BE AS PER THE STREET LIGHTING LAYOUT AND COLUMN BASES INSTALLED AS PER
- STREET LIGHTING DESIGNER. 13. CONTRACTOR SHALL PROVE CBR AT TOP OF CAPPING AT 75m CENTRES PRIOR TO PLACING SUB-BASE. CONTRACTOR SHALL PROVE CBR AT TOP OF SUB-BASE AT 75M CENTRES PRIOR TO PLACING BASE COURSE.

0	17-11-23	For Planning GMC PL			PLY	
rev	date	desci	ription	by	chkc	
		STATUS	CODES			
	Purpose acceptance P3 - PLANNING PERMISSION S - ISSUED					
Phon Cori Phon Wati Phon Galv	DBFL Consulting Engineers Civil, Structural & Transportation Engineering www.dbfl.ie DUBLIN OFFICE: Ormond House, Upper Ormond Quay, Dublin 7. D07 W704 PHONE +353 1 400 4000 CORK OFFICE: 14 South Mall, Cork. T12 CT91 PHONE +353 21 2024538 WATERFORD OFFICE: Suite 8b The Atrium, Maritana Gate, Canada Street, Waterford. X91 W028 PHONE +353 51 309 500 GALWAY OFFICE: Odeon House, 7 Eyre Square, Galway, H91 YNC8					
	PHONE +353 91 33 55 99 project ref.					
SCHOOL SITE AT KILCARBERRY						
drawing title						
TYPICAL ROAD CONSTRUCTION DETAILS SHEET 2						
client		SOUTH DUBLIN COUNTY COUNCIL (SDCC)				
		DUBLIN COU	NTY COUNCIL	-		

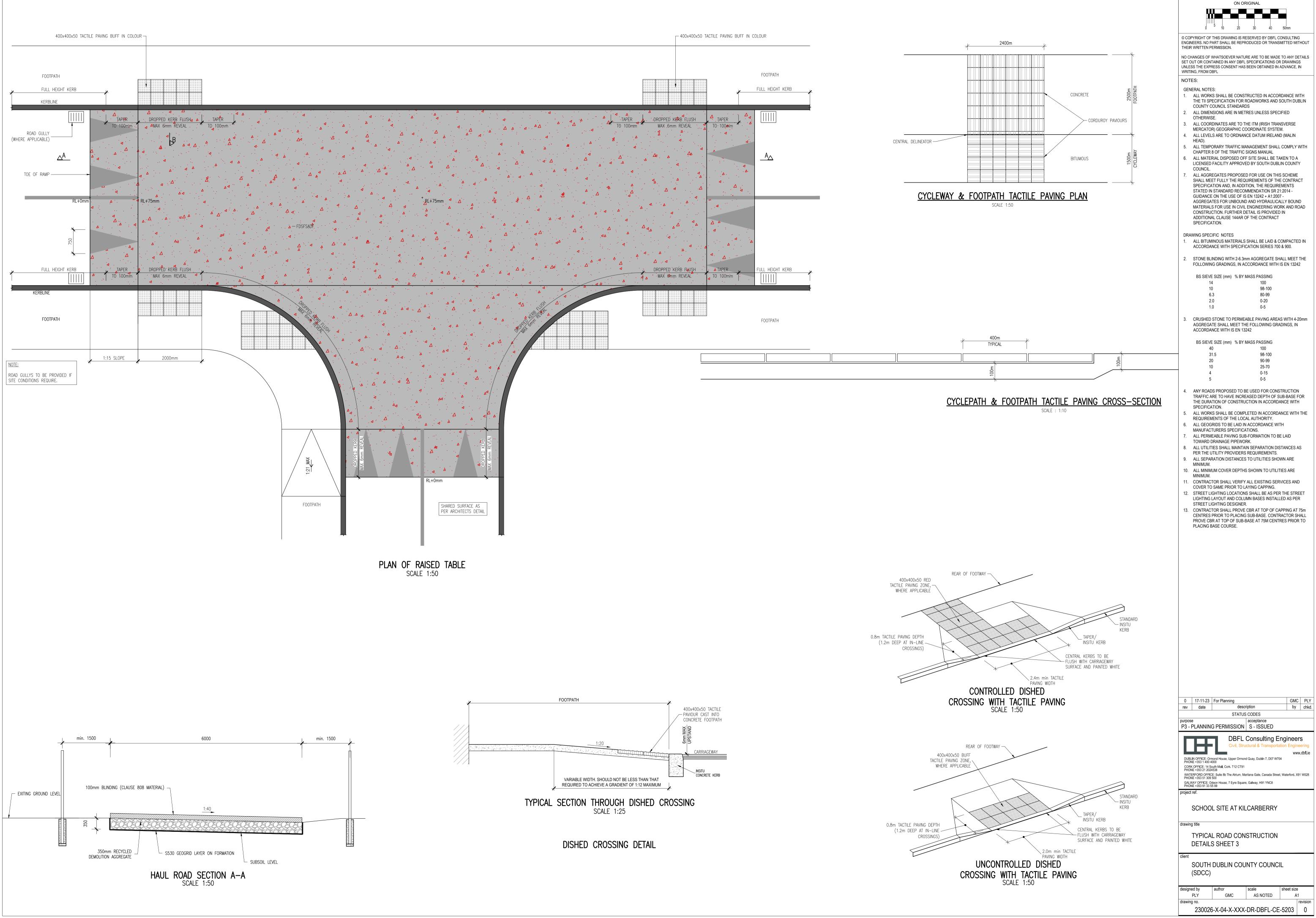
GMC AS NOTED

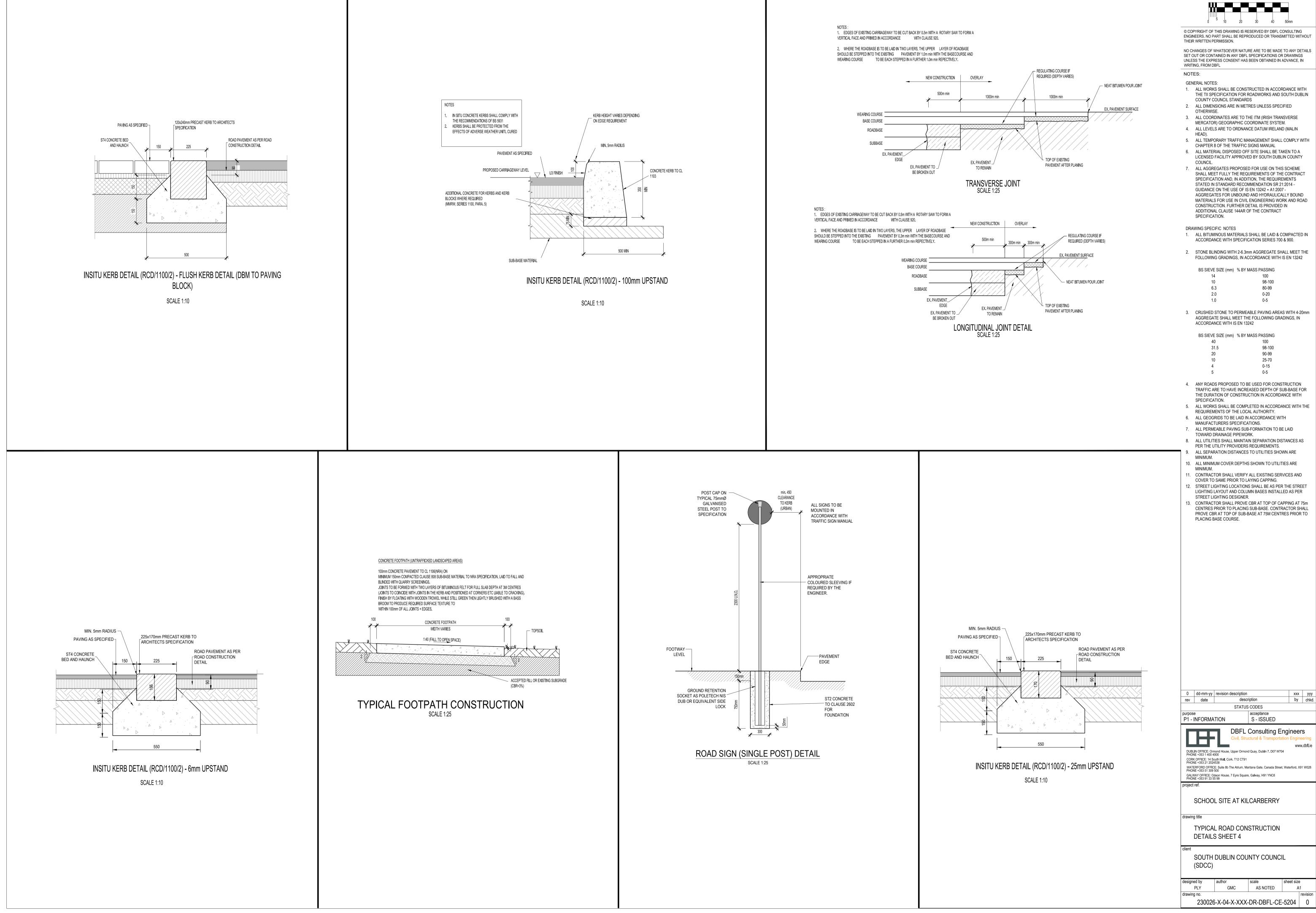
230026-X-04-X-XXX-DR-DBFL-CE-5202

A1

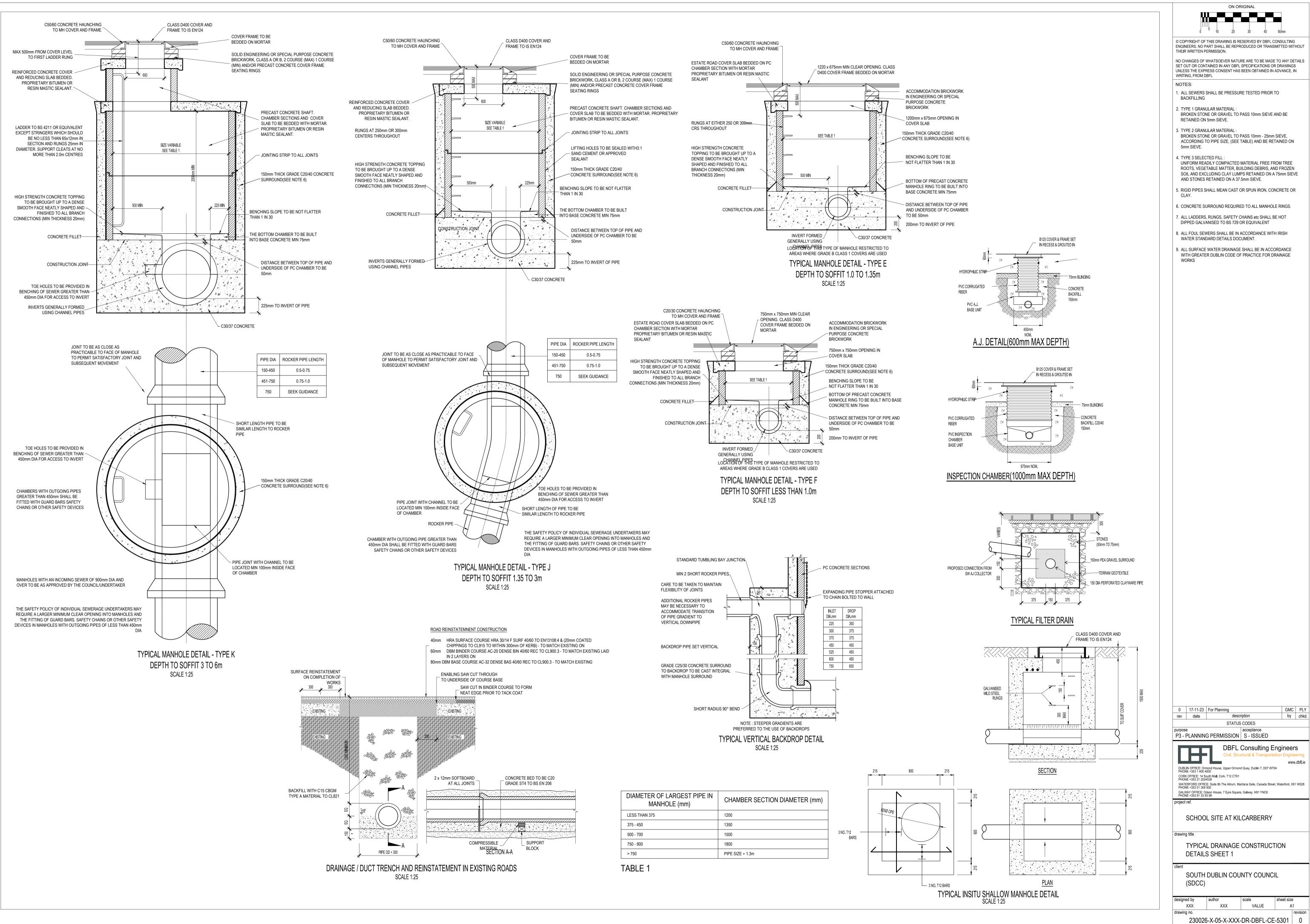
PLY

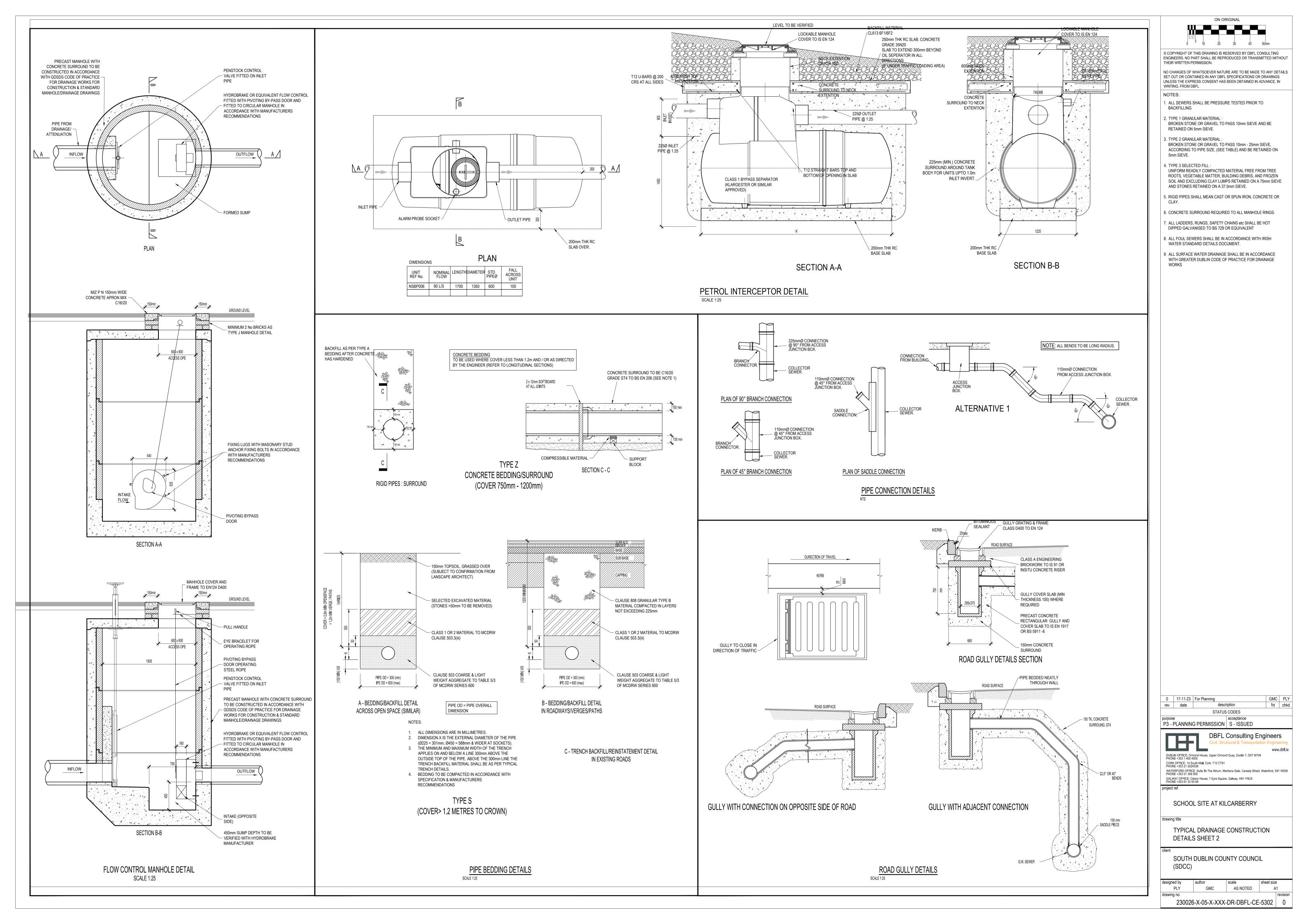
drawing no.





ON ORIGINAL





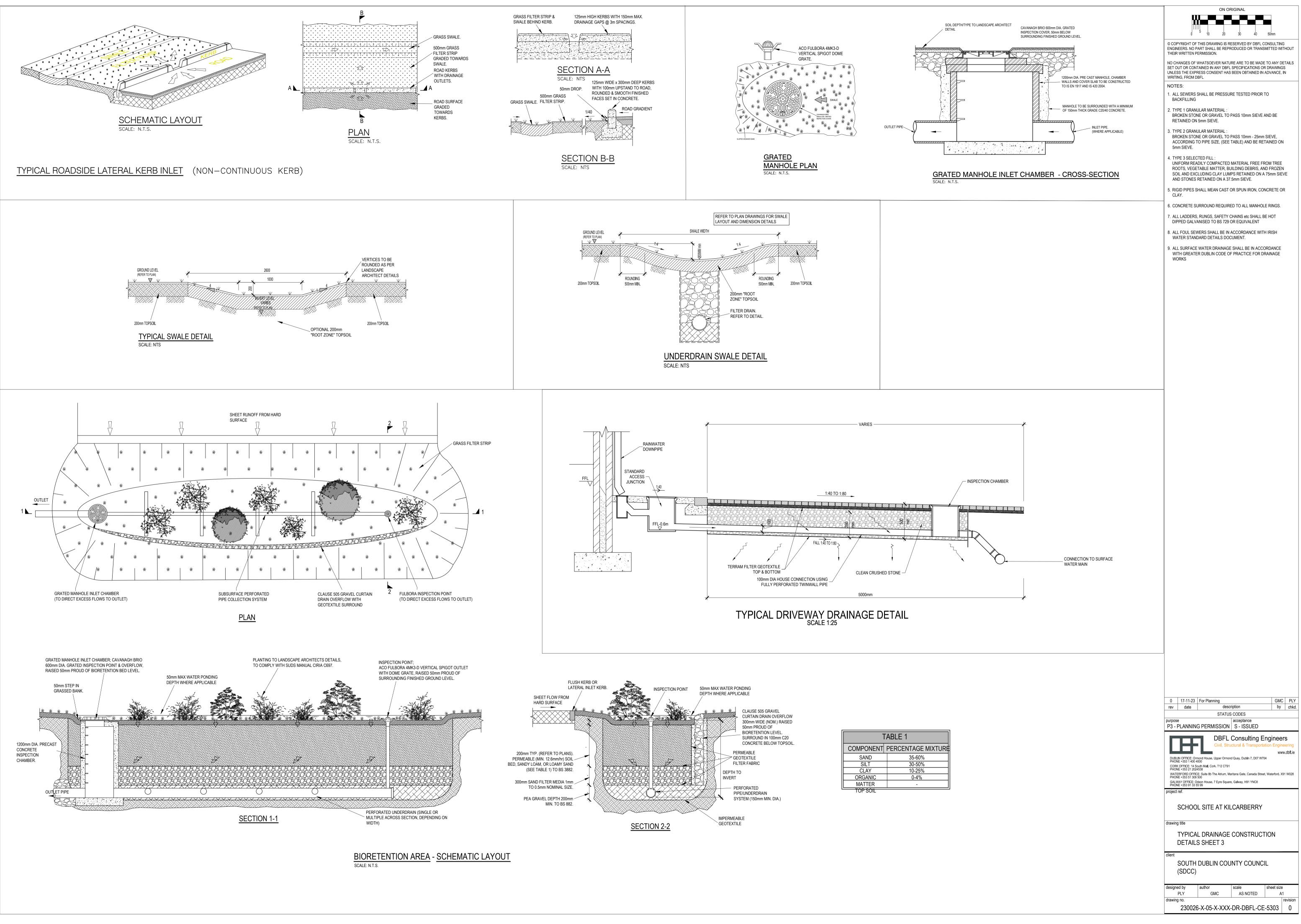
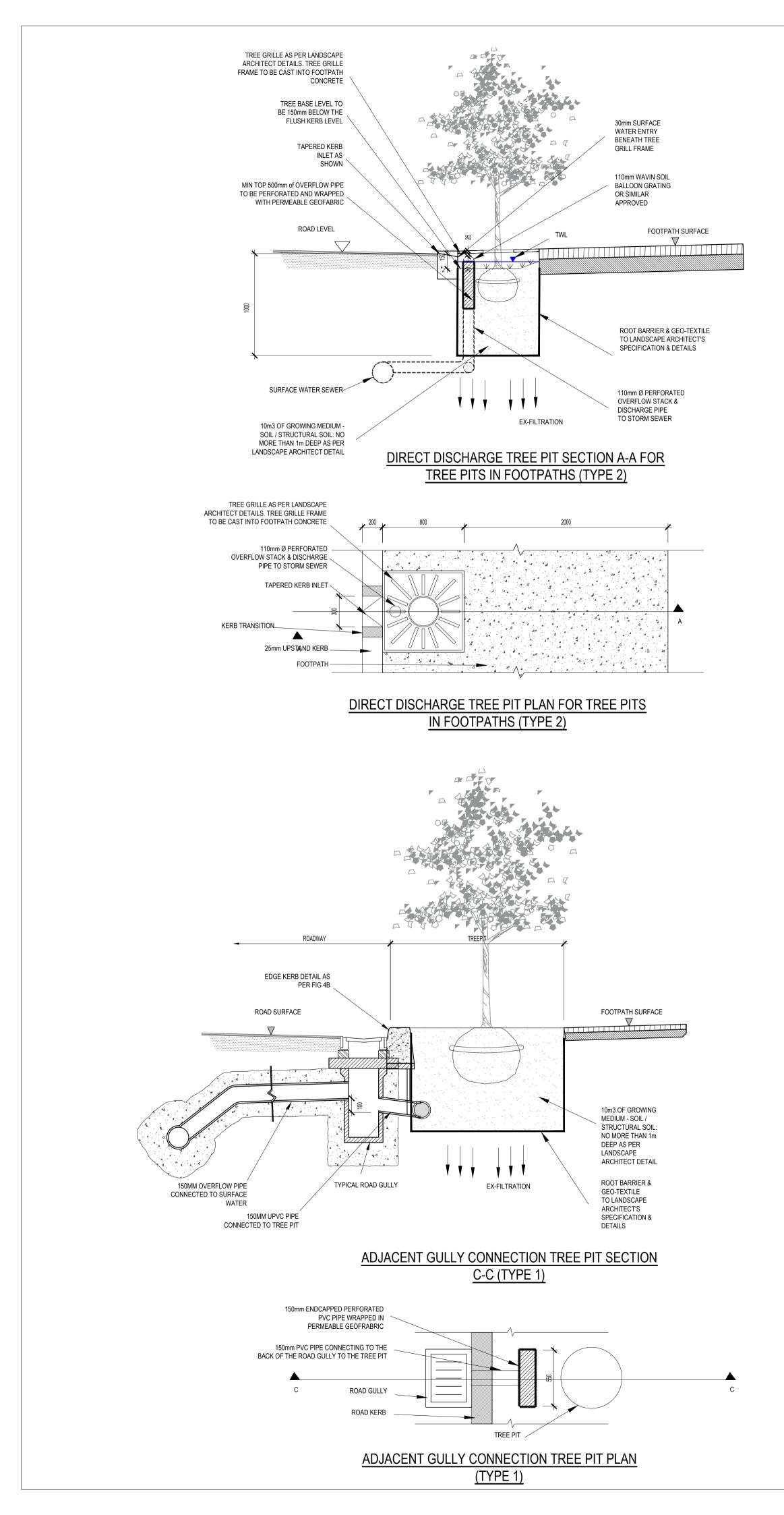
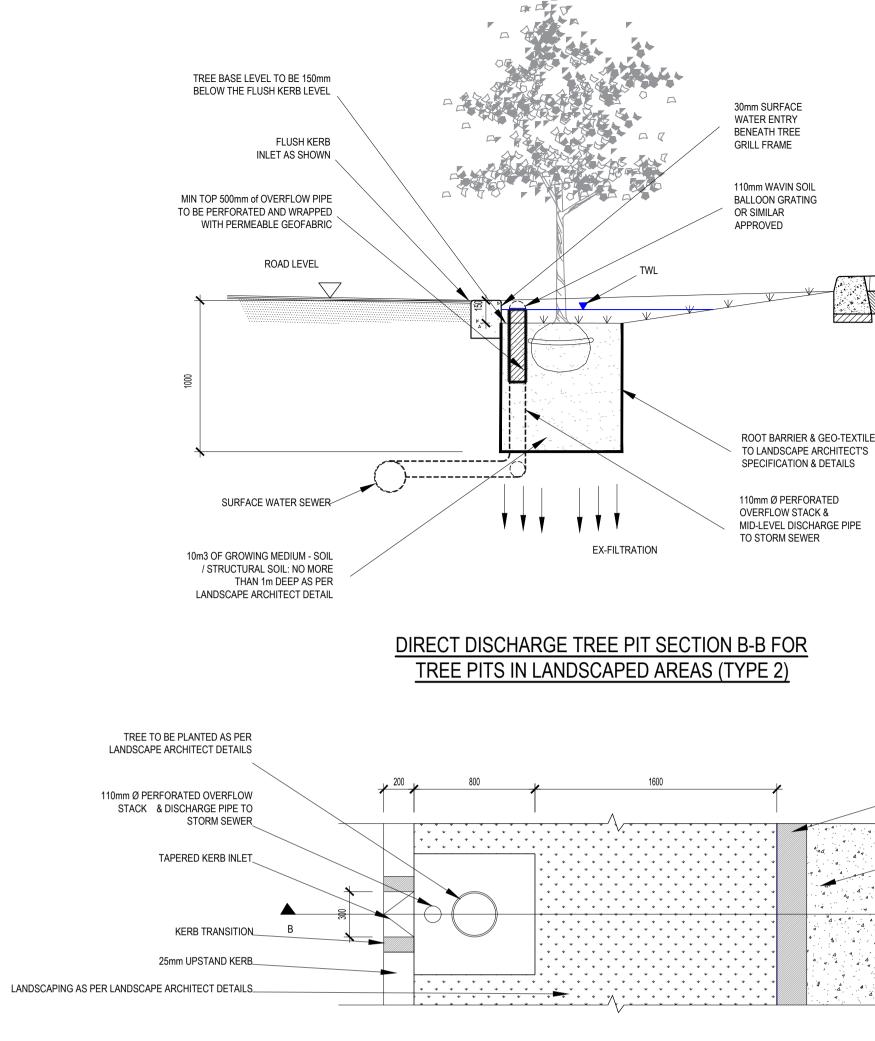
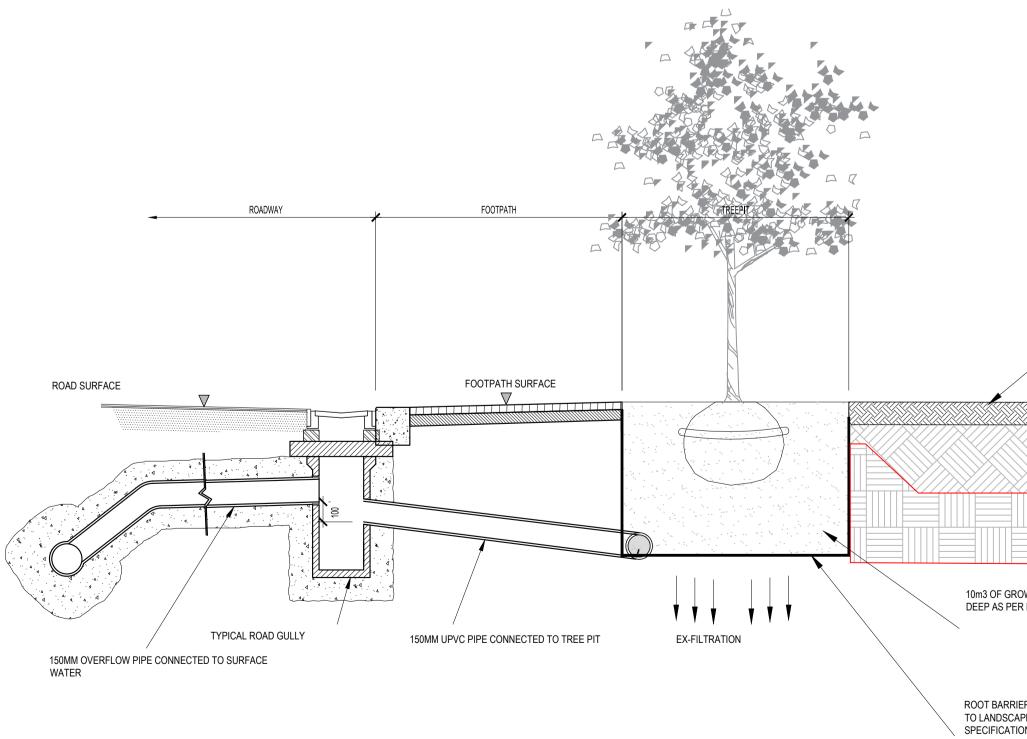


TABLE 1		
COMPONENT	PERCENTAGE MIXTURE	
SAND	35-60%	
SILT	30-50%	
CLAY	10-25%	
ORGANIC	0-4%	
MATTER	-	





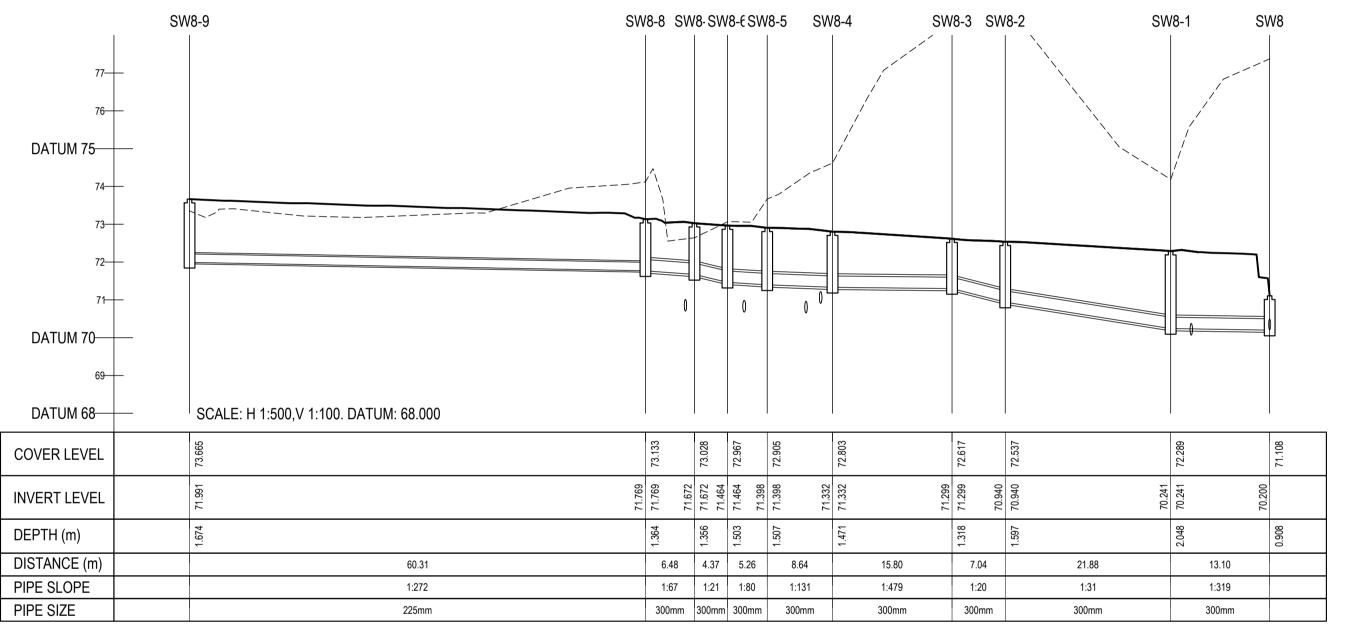
DIRECT DISCHARGE TREE PIT PLAN FOR TREE PITS IN LANDSCAPE AREAS (TYPE 2)

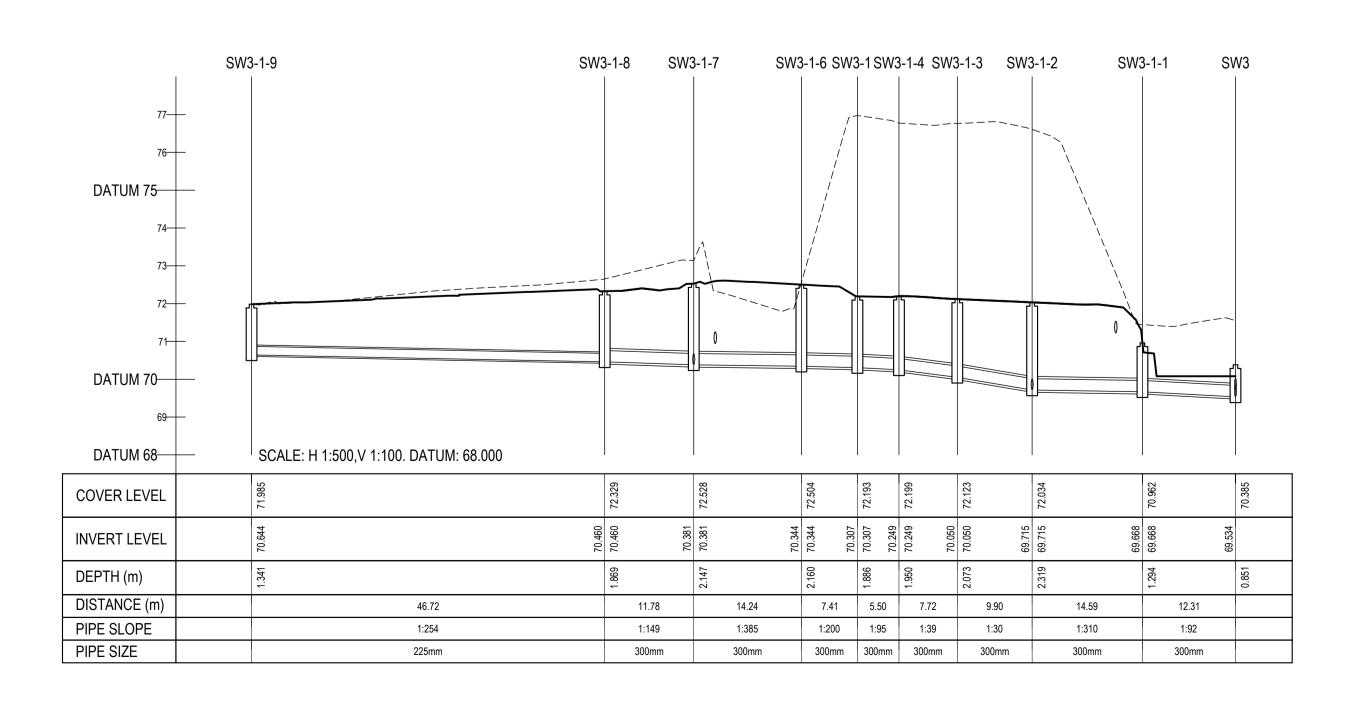


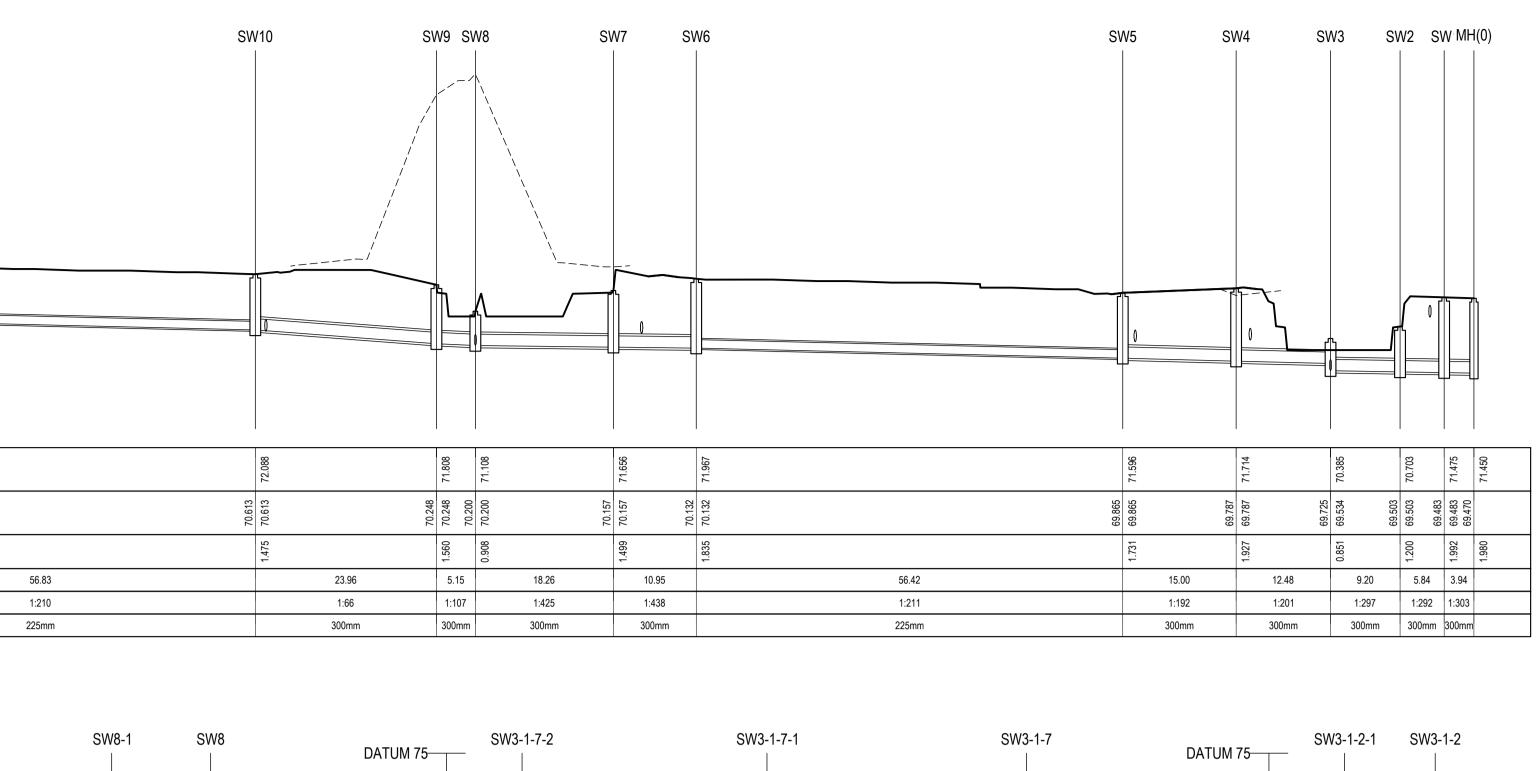
GULLY CONNECTION TREE PIT SECTION (TYPE 1)

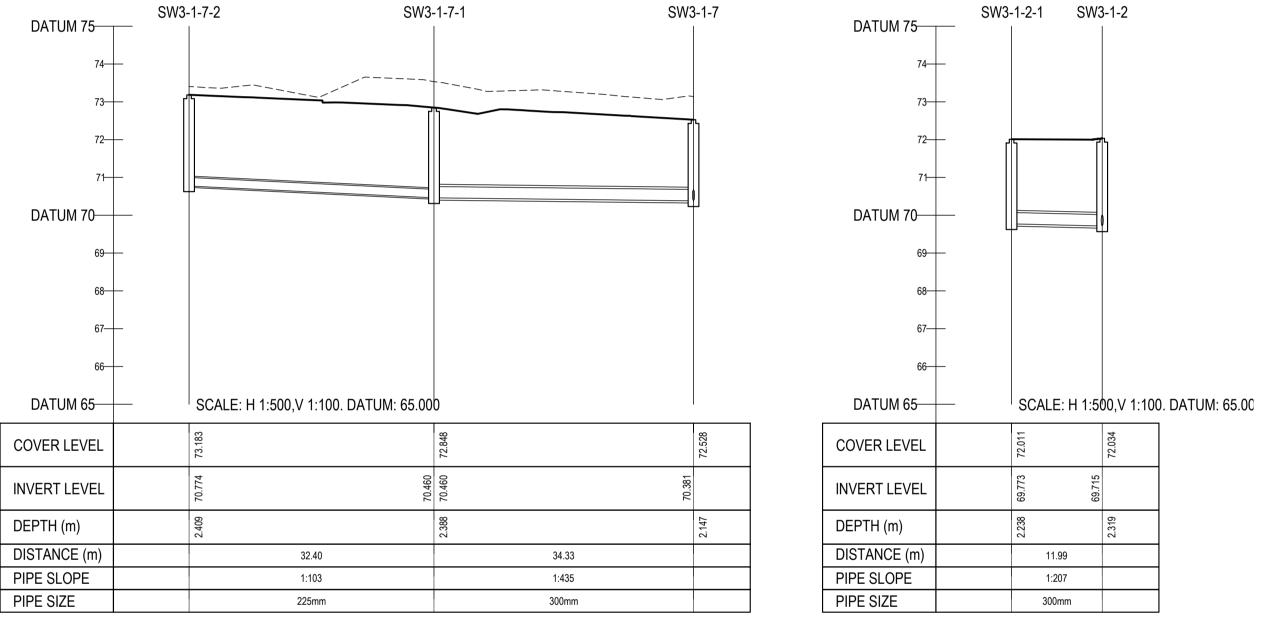
	© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.
	NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL
	NOTES: 1. ALL SEWERS SHALL BE PRESSURE TESTED PRIOR TO BACKFILLING
FOOTPATH SURFACE	2. TYPE 1 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm SIEVE AND BE
	RETAINED ON 5mm SIEVE. 3. TYPE 2 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm - 25mm SIEVE,
	ACCORDING TO PIPE SIZE, (SEE TABLE) AND BE RETAINED ON 5mm SIEVE.
	4. TYPE 3 SELECTED FILL : UNIFORM READILY COMPACTED MATERIAL FREE FROM TREE ROOTS, VEGETABLE MATTER, BUILDING DEBRIS, AND FROZEN SOIL AND EXCLUDING CLAY LUMPS RETAINED ON A 75mm SIEVE
ILE	AND STONES RETAINED ON A 37.5mm SIEVE. 5. RIGID PIPES SHALL MEAN CAST OR SPUN IRON, CONCRETE OR
S	CLAY. 6. CONCRETE SURROUND REQUIRED TO ALL MANHOLE RINGS.
	7. ALL LADDERS, RUNGS, SAFETY CHAINS etc SHALL BE HOT DIPPED GALVANISED TO BS 729 OR EQUIVALENT
	 8. ALL FOUL SEWERS SHALL BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS DOCUMENT. 9. ALL SURFACE WATER DRAINAGE SHALL BE IN ACCORDANCE
	WITH GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS
_ 100mm UPSTAND KERB	
FOOTPATH	
SOFT LANDSCAPING TO LANDSCAPE ARCHITECT DETAILS	
MULCH	
TOPSOIL 450mm GEN. 800mm TREES	0 17-11-23 For Planning GMC PLY rev date description by chkd. STATUS CODES purpose acceptance P3 - PLANNING PERMISSION S - ISSUED
	Purpose acceptance P3 - PLANNING PERMISSION S - ISSUED
FREE-DRAINING SUBSOIL	DBFL Consulting Engineers Civil, Structural & Transportation Engineering
	www.dbfl.ie DUBLIN OFFICE: Ormond House, Upper Ormond Quay, Dublin 7. D07 W704 PHONE +353 1 400 4000 CORK OFFICE: 14 South Mall, Cork. T12 CT91
OWING MEDIUM - SOIL / STRUCTURAL SOIL: NO MORE THAN 1m R LANDSCAPE ARCHITECT DETAIL	PHONE +353 21 2024538 WATERFORD OFFICE: Suite 8b The Atrium, Maritana Gate, Canada Street, Waterford. X91 W028 PHONE +353 51 309 500 GALWAY OFFICE: Odeon House, 7 Eyre Square, Galway, H91 YNC8 PHONE +353 91 33 55 99
	project ref.
IER & GEO-TEXTILE APE ARCHITECT'S	SCHOOL SITE AT KILCARBERRY
ION & DETAILS	
	DETAILS SHEET 4
	SOUTH DUBLIN COUNTY COUNCIL (SDCC)
	designed by author scale sheet size PLY GMC AS NOTED A1
	drawing no. revision 230026-X-05-X-XXX-DR-DBFL-CE-5304 0

	SW13	SW12		SW11	
77					
76					
DATUM 75	-				
74					
73		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
72					
71					
DATUM 70	_				
69					
DATUM 68	– SCALE: H 1:500,V 1:1	00. DATUM: 68.000			
COVER LEVEL	73.321	72.803		72.441	
INVERT LEVEL	71.502	71.311 71.159		70.928	
DEPTH (m)	1.819	1.644		1.557	
DISTANCE (m)		40.34	51.61		
PIPE SLOPE		1:211	1:223		
PIPE SIZE		225mm	225mm		

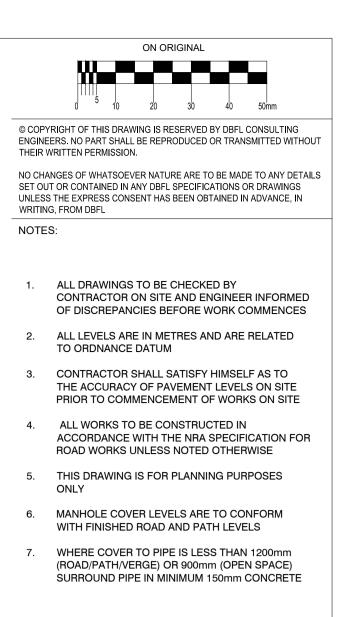








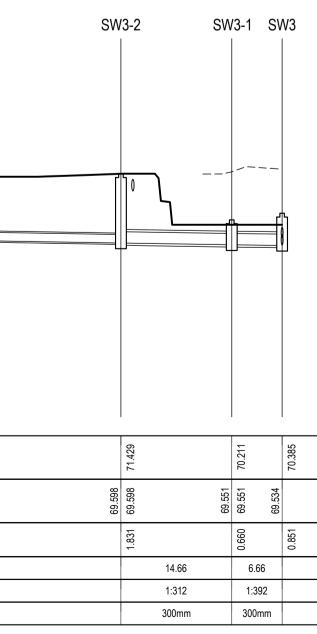
DATUM 75	SW3-6	SW3-5 SW3-4	SW3-3	
74				
73				
72				
71			 /\	
DATUM 70				
69				
68				
67				
66				
DATUM 65	SCALE: H 1:500,V 1:100. I	DATUM: 65.000		
COVER LEVEL	71.642	71.385	71.215	
INVERT LEVEL	70.010	69.884 69.884 69.884 69.848 69.848	69.752 69.752	
DEPTH (m)	1.632	1.359	1.463	
DISTANCE (m)	27.74	10.46	27.69	46.03
PIPE SLOPE	1:220	1:291	1:288	1:299
PIPE SIZE	225mm	300mm	225mm	225mm



KEY

----- EXISTING GROUND PROFILE

PROPOSED GROUND PROFILE



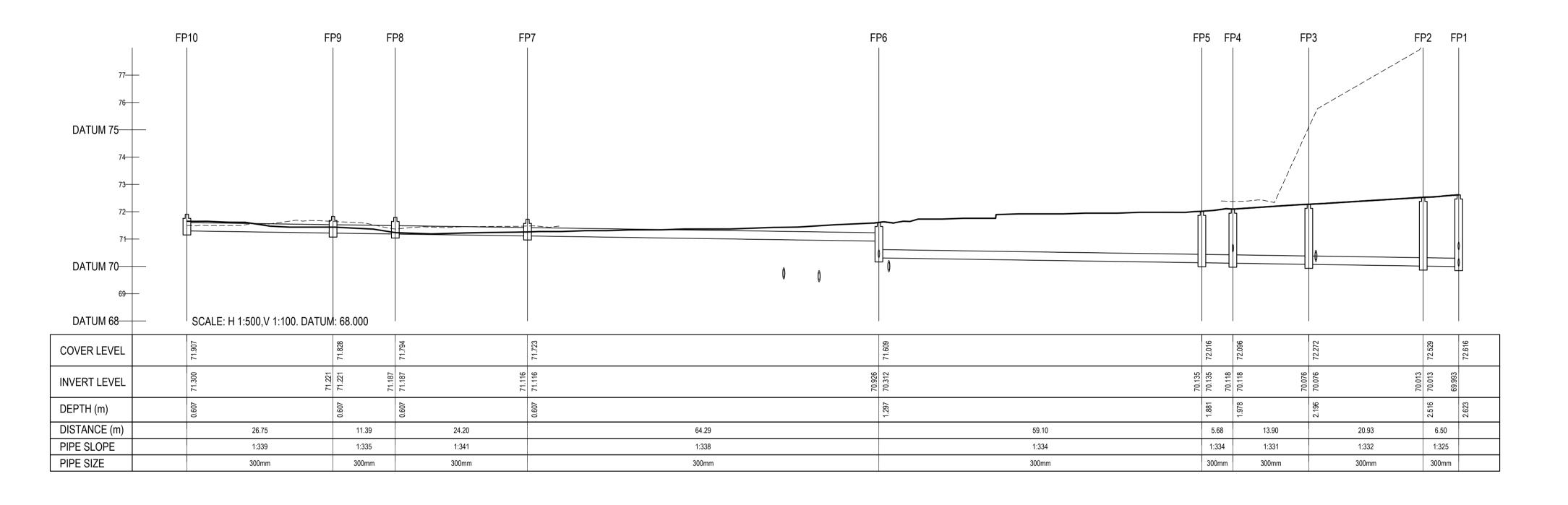
0 17-11-23 rev date	For Planning des	scription	GMC by	PLY chkd.
		JS CODES	- 7	orinta.
purpose P3 - PLANNIN	IG PERMISSION	acceptance S - ISSUED		
TH		Consulting En	on Engine	ering
DUBLIN OFFICE: O PHONE +353 1 400	mond House, Upper Ormo	ond Quay, Dublin 7. D07 W704	www	.dbfl.ie
CORK OFFICE: 14 5 PHONE +353 21 202	South Ma ll , Cork. T12 CT9 24538			14/000
PHONE +353 51 309	CE: Suite 85 The Atrium, f 3 500	Maritana Gate, Canada Street, \	Waterford, X91	W028
SCHOO)L SITE AT K	ILCARBERRY		
drawing title				
SURFA SECTIO		ONGITUDINAL		
client				
SOUTH (SDCC)		UNTY COUNCIL		
designed by PLY	author GMC	scale s H 1:500, V 1:100	sheet size A1	

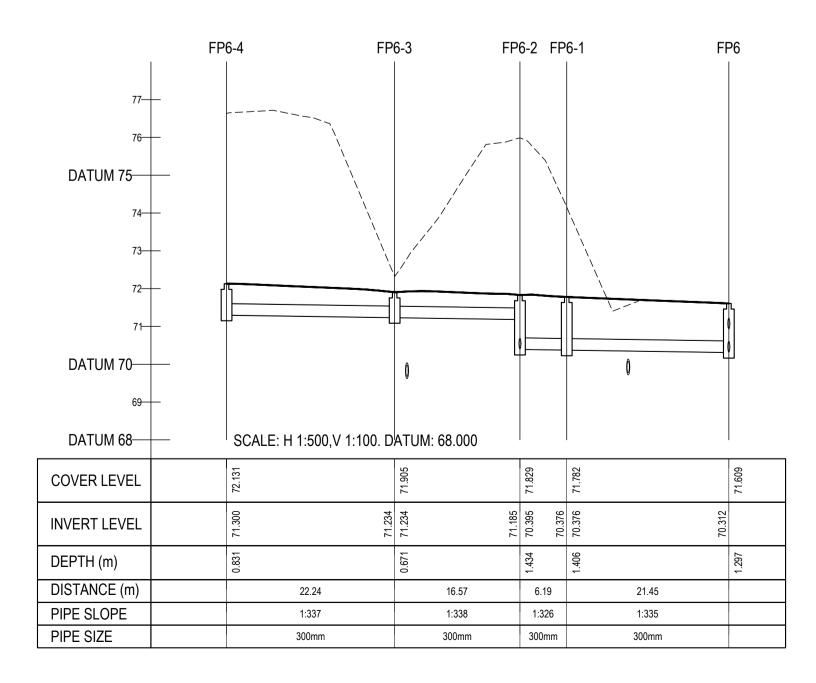
 PLY
 GMC
 H 1:500, V 1:100
 A1

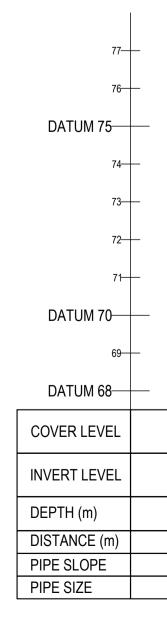
 drawing no.
 revision

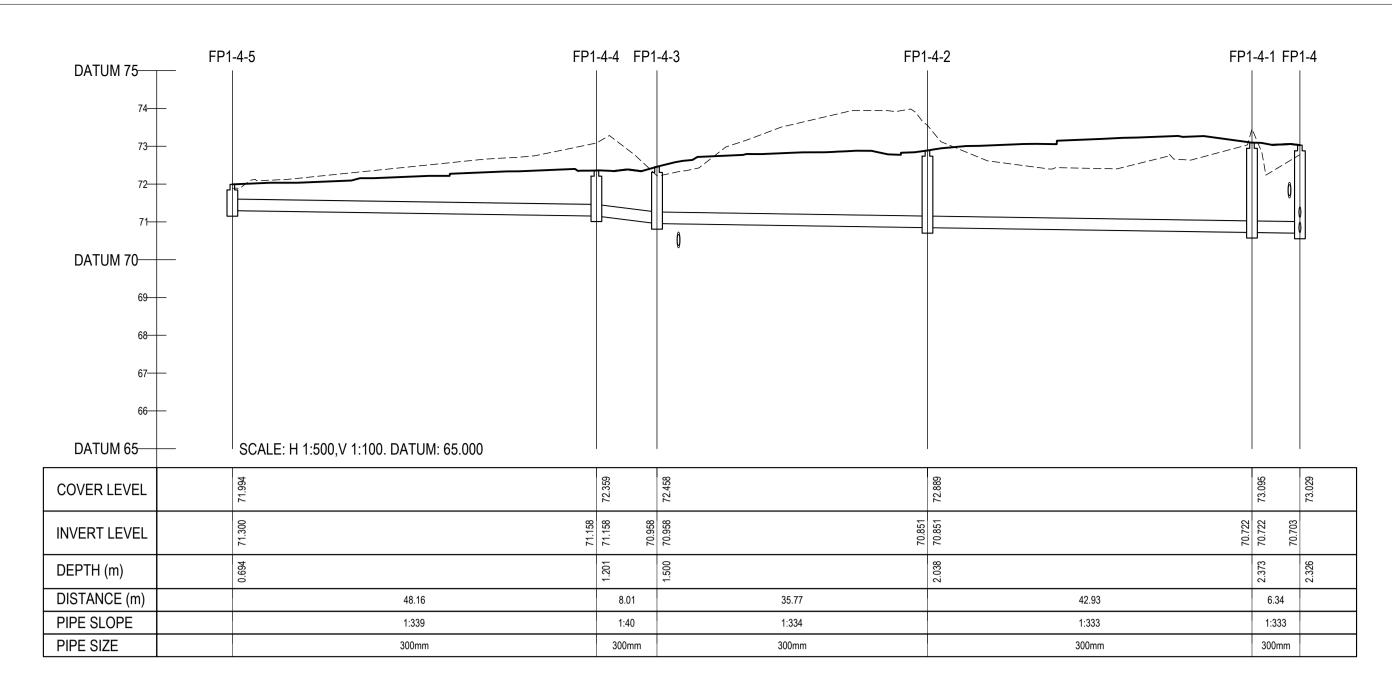
 230026-X-91-X-DTM-DR-DBFL-CE-3301
 0

77	FP1-6	FP1-5FP1-4 FP1-3 FP1-2 FP1-1 FP1 FFP.S. In
COVER LEVEL	73.662	73.234 73.234 72.976 72.873 72.670 72.656 72.655 72.655 72.655
INVERT LEVEL	71.300	71.122 71.122 71.122 70.685 70.685 70.685 70.685 70.663 70.663 70.615 70.615 70.615 69.993 69.979 69.979
DEPTH (m)	2.362	2.291 2.291 2.291 2.291 2.676 2.655 2.676 2.633
DISTANCE (m)	60.29	4.83 5.97 7.25 15.61 5.70 4.80 2.92
PIPE SLOPE	1:339	1:345 1:331 1:329 1:325 1:336 1:343 1:325
PIPE SIZE	300mm	300mm 300mm 300mm 300mm 300mm

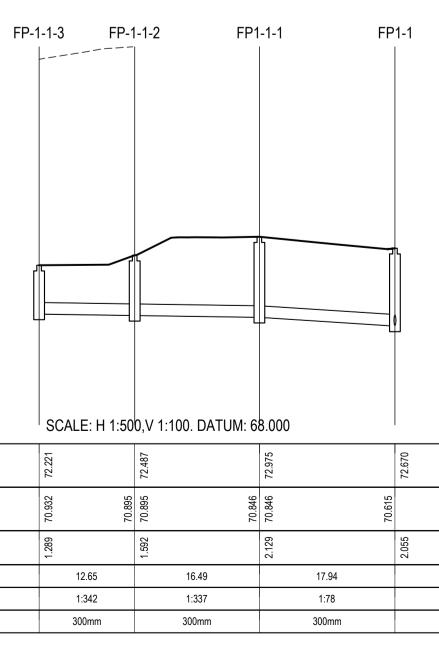








77	_	_
76		
DATUM 75-		
74	_	_
73		
72		
71		_
DATUM 70-		
69		
DATUM 68-		
COVER LEVEL		
INVERT LEVEL		
DEPTH (m)		
DISTANCE (m)		
PIPE SLOPE		
PIPE SIZE		



FP6	-2-2	FP6	-2-1 FP	6-2	
	、		、		
	SCALE: H 1:500,V	/ 1:10	0. DAT	UM: 68.00	00
	72.206		71.913	71.829	

99 1000000000000000000000000000000000000	22	,-	.2
18.61 5.85 1:64 1:325	70.706	70.413 70.395	
1:64 1:325	1.500	1.500	1.434
	18.61	5.85	
300mm 300mm	1:64	1:325	
	300mm	300mm	

ON ORIGINAL							
	5 1	0 2	0 3	0 4	0 50)) mm	

© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL NOTES:

- 1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES
- 2. ALL LEVELS ARE IN METRES AND ARE RELATED TO ORDNANCE DATUM
- 3. CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF PAVEMENT LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE
- 4. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS UNLESS NOTED OTHERWISE
- 5. THIS DRAWING IS FOR PLANNING PURPOSES ONLY
- 6. MANHOLE COVER LEVELS ARE TO CONFORM WITH FINISHED ROAD AND PATH LEVELS
- 7. WHERE COVER TO PIPE IS LESS THAN 1200mm (ROAD/PATH/VERGE) OR 900mm (OPEN SPACE) SURROUND PIPE IN MINIMUM 150mm CONCRETE

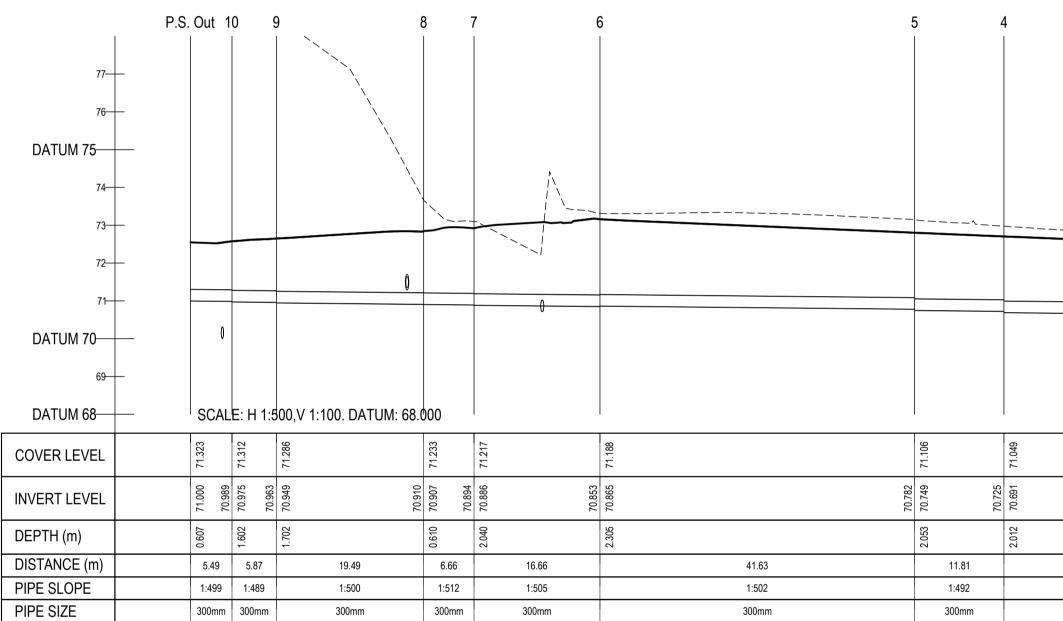
KEY

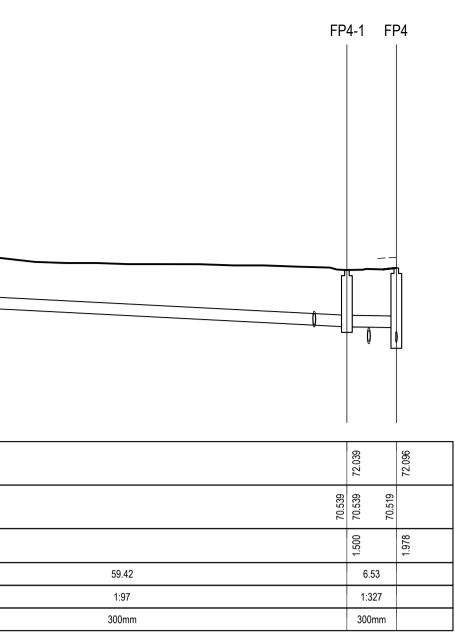
----- EXISTING GROUND PROFILE PROPOSED GROUND PROFILE

0	17-11-23	For Planning		G	MC	PLY	
rev	date	desci	ription		бу	chkd.	
		STATUS	CODES				
purpos			acceptance				
P3 - I	PLANNIN	G PERMISSION	S - ISSUED				
Ľ	H		Consulting E ctural & Transporta	tion En	gine		
DUBL	IN OFFICE: Orr IE +353 1 400 4	nond House, Upper Ormon	d Quay, Dublin 7. D07 W70	4			
		outh Mall. Cork. T12 CT91					
PHON	IE +353 21 2024	4538					
PHON	ERFORD OFFIC IE +353 51 309	E: Suite 8b The Atrium, Ma 500	ritana Gate, Canada Street	, Waterfor	d. X9′	W028	
project	ref.						
	SCHOOL SITE AT KILCARBERRY						
drawing	g title						
FOUL SEWER LONGITUDINAL SECTIONS SHEET 1							
client							
SOUTH DUBLIN COUNTY COUNCIL (SDCC)							
designe	,	author	scale	sheet s	size		
	PLY	GMC	H 1:500, V 1:100		A1		
drawing	g no.				n	evision	

230026-X-92-X-DTM-DR-DBFL-CE-3331 0

	FP4-4	FP4-3		FP4-2
77				
69	SCALE: H 1:500,V 1:100. D	DATUM: 68.000		
COVER LEVEL	73.463	72.832		72.444
INVERT LEVEL	71.963	71.300		71.150 71.150
DEPTH (m)	1.500	1.532		1.294
DISTANCE (m)		50.45	49.84	
PIPE SLOPE		1:76	1:332	
PIPE SIZE		300mm	300mm	





	3	2	1	0	MH(0)
	1				
	70.962	70.842	70.781	70.638	70.559
70 G 30	70.633	70.479	70.440	70.312	70.236
	1.856	1.524	0.774	0.668	0.757
25.82	57.80	10.76	64.24	7.55	5
1:497	1:498	1:489	1:502	1:503	
300mm	300mm	300mm	300mm	300m	IM



© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL NOTES:

- 1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES
- 2. ALL LEVELS ARE IN METRES AND ARE RELATED TO ORDNANCE DATUM
- 3. CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF PAVEMENT LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE
- 4. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS UNLESS NOTED OTHERWISE
- 5. THIS DRAWING IS FOR PLANNING PURPOSES ONLY
- 6. MANHOLE COVER LEVELS ARE TO CONFORM WITH FINISHED ROAD AND PATH LEVELS
- 7. WHERE COVER TO PIPE IS LESS THAN 1200mm (ROAD/PATH/VERGE) OR 900mm (OPEN SPACE) SURROUND PIPE IN MINIMUM 150mm CONCRETE

KEY

----- EXISTING GROUND PROFILE PROPOSED GROUND PROFILE

0.757

0 17-11-23 For Planning rev date description GMC PLY by chkd. STATUS CODES purpose acceptance P3 - PLANNING PERMISSION S - ISSUED DBFL Consulting Engineers Civil, Structural & Transportation Engineering www.dbfl.ie DUBLIN OFFICE: Ormond House, Upper Ormond Quay, Dublin 7. D07 W704 PHONE +353 1 400 4000 CORK OFFICE: 14 South Mall, Cork. T12 CT91 PHONE +353 21 2024538 WATERFORD OFFICE: Suite 8b The Atrium, Maritana Gate, Canada Street, Waterford. X91 W028 PHONE +353 51 309 500 project ref. SCHOOL SITE AT KILCARBERRY drawing title FOUL SEWER LONGITUDINAL SECTIONS SHEET 2 client SOUTH DUBLIN COUNTY COUNCIL (SDCC) designed by author scale sheet size PLY GMC H 1:500, V 1:100 A1

230026-X-92-X-DTM-DR-DBFL-CE-3332 0

revision

drawing no.