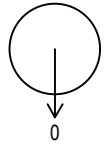
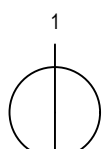
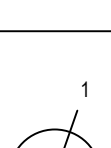
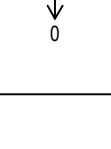
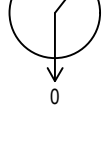
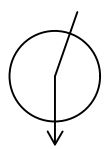
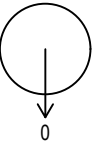
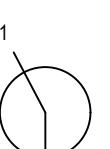
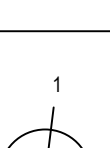
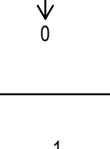


PHASE 2B SW MANHOLES

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams Inv-soffit		Manhole	Cover
S3150	28.020							
E. 450434.252	1.358					1200	Type E	D400
N. 114775.217			0	11.000	26.512	150		
S3151	27.356		1	11.000	25.890	150		
E. 450413.615	1.316					1200	Type E	D400
N. 114808.435			0	11.001	25.815	225		
S3152	26.707		1	11.001	25.275	225		
E. 450396.598	1.207					1200	Type E	D400
N. 114836.020			0	11.002	25.200	300		
S3153	26.514		1	11.002	25.007	300		
E. 450388.625	1.207					1200	Type E	D400
N. 114842.546			0	11.003	25.007	300		
S3154	26.321		1	11.003	24.865	300		
E. 450378.324	1.156					1200	Type E	D400
N. 114842.770			0	11.004	24.865	300		
S3155	25.834		1	12.003	24.003	300		
E. 450356.187	1.531		2	11.004	24.003	300		
N. 114835.670			0	11.005	23.703	600		

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams Inv-soffit		Manhole	Cover
S3181	27.233							
E. 450378.095	1.643					1200	Type B	D400
N. 114763.007			0	12.000	25.365	225		
S3182	26.894		1	12.000	25.075	225		
E. 450368.066	1.594					1200	Type B	D400
N. 114779.457			0	12.001	25.000	300		
S3183	26.521		1	12.001	24.636	300		
E. 450366.937	1.585					1200	Type B	D400
N. 114797.384			0	12.002	24.636	300		
S3184	26.290		1	12.002	24.405	300		
E. 450364.748	1.585					1200	Type B	D400
N. 114808.979			0	12.003	24.405	300		

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE S104, PLOT DRAINAGE AND ROAD/GULLY DRAWINGS - LATERAL CONNECTIONS, GULLY CONNECTIONS AND OTHER CONNECTIONS ARE NOT SHOWN ON THIS SCHEDULE.

SUBJECT TO
S104 APPROVAL

MANHOLE COVERS

ALL MANHOLE COVERS SHOULD BE BUILT IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF BS EN124 (KITEMARKED) AND BE BEDDED AND HAUNCHED IN MORTAR. ALL COVERS TO ADOPTABLE MANHOLES SHALL BE MARKED FW OR SW IF ON A FOUL OR SURFACE WATER SEWER RESPECTIVELY. THEY SHALL BE COATED WITH BLACK BITUMINOUS COMPOSITION IN ACCORDANCE WITH BS EN124.

GROUP	COVER CLASS	USAGE (FIGURE 9a)	MIN. THICKNESS OF STEEL PROTECTION* mm (TABLE 3)
1	A15	PEDESTRIANS AND CYCLISTS ZONES	2
2	B125	PEDESTRIANS AND CAR PARKING ZONES	3
3	C250	FOR GULLY TOPS INSTALLED IN THE KERBSIDE CHANNELS	5
4	D400	AREAS FOR ALL TYPES OF ROAD VEHICLES	6
5	E600	AREAS IMPOSING HIGH WHEEL LOADS (e.g. DOCKS, AIRCRAFT PAVEMENTS.)	TO BE DETERMINED ACCORDING TO EACH DESIGN
6	F900	AREAS IMPOSING PARTICULARLY HIGH WHEEL LOADS, e.g. AIRCRAFT PAVEMENTS	

* WITHOUT THE THICKNESS OF THE ADDITIONAL CORROSION PROTECTION.

TABLE AND FIGURE REFERENCE ARE TO BS EN124.

WHERE THERE IS DOUBT AS TO WHICH COVER SHOULD BE USED, A STRONGER CLASS SHOULD BE SELECTED.

INFILL COVERS SHALL NOT BE USED. WHERE A COVER IS LOCATED IN BLOCK PAVING, THE FRAME SHALL BE 150 DEEP.

FRAMES FOR MANHOLES SHALL BE BEDDED IN POLYESTER RESIN BEDDING MORTAR IN NRSWA CATEGORIES I, II OR III.

JOINTS TO MANHOLE RINGS AND SLABS.

ALL MANHOLE RINGS AND SLABS SHALL BE JOINTED WITH MORTAR, PROPRIETARY BITUMEN OR RESIN MASTIC SEALANT.

ALL MANHOLE FRAMES TO BE SET PARALLEL TO ADJACENT KERBS OR NEAREST BUILDINGS. MANHOLE COVERS AND FRAMES TO BE FLUSH WITH SURFACE ±5mm MAX.

CONCRETE PROTECTION TO PIPES

TO BE IN ACCORDANCE WITH CLAUSE 5.3 OF CESWI. AT THE DISCRETION OF THE ENGINEER, AWAY FROM CHAMBERS AND WHERE GROUND CONDITIONS PERMIT THE LENGTH OF UNINTERRUPTED CONCRETE PROTECTION MAY BE INCREASED TO 8m.

COMPRESSIBLE FILLER FOR PIPELINES.

TO BE USED TO INTERRUPT CONCRETE PROTECTION TO PIPELINES AND SHALL COMPLY WITH CLAUSE 2.19 OF CESWI.

TRENCH WIDTH

NOTE THE MAXIMUM TRENCH WIDTH MUST NOT BE EXCEEDED. IF THE WIDTH IS EXCEEDED THE CONTRACTOR MUST SUBMIT REVISED BEDDING PROPOSALS TO THE ENGINEER.

SOFT SPOTS AND OVERDIG

SOFT SPOTS SHALL BE REMOVED FROM THE BOTTOM OF THE TRENCH AND OTHER EXCAVATIONS AND THEN BE REFILLED TO FORMATION LEVEL WITH THE SAME MATERIAL AS THE PERMANENT WORK WHICH IS TO REST ON THAT FORMATION. OVERDIG SHALL BE TREATED IN THE SAME MANNER AT CONTRACTORS EXPENSE.

CONNECTIONS

CONNECTIONS ON SCHEDULE DO NOT INCLUDE LATERAL CONNECTIONS OR GULLIES ETC CONTRACTOR TO REFER TO ADOPTABLE AND PRIVATE DRAINAGE LAYOUTS TO SEE COMPLETE CONNECTIONS TO MANHOLE WHEN FORMING BASES.

C	UPDATED TO SUIT REVISED DRAINAGE	21.06.22	IC	MC
B	UPDATED TO SUIT CLIENT COMMENTS	30.05.22	JT	IC
A	UPDATED TO SUIT REVISED DRAINAGE	05.05.22	IC	MJS

Rev:	Description:	Date:	By:	Chkd:
------	--------------	-------	-----	-------

Status:

FOR CONSTRUCTION

Client:

BELLWAY WESSEX

Project:

BOORLEY GREEN

Orig Title:

MANHOLE SCHEDULES
SHEET 1 OF 2



ELLUC PROJECTS
423 KIRKSTALL ROAD
AIREDALE HOUSE
LEEDS
LS4 2EW

t: (0113) 357 2100
info@ellucprojects.co.uk
www.ellucprojects.co.uk

Scale:	Size:	First Issue:	Drawn:	Checked:	Rev:
AS SHOWN	A1	04.02.22	IC	IC	C

Drawing No:

ELL-21191-BW-L-210