MANHOLE SCHEDULE
Sheet 1 of 1

Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections	Code	Inverts	Diams			Manhole	Cover
S1	63.850		0	1.000	63.200	100	475	PPIC	D400
E. 385858.523	0.550								
N. 400280.161									
S2	63.850		1	1.000	63.013	100	475	PPIC	D400
E. 385868.239	0.737		0	1.001	63.013	100			
N. 400285.721									
S3	63.820		1	2.000	62.843	100	475	PPIC	D400
E. 385859.826	0.877		2	1.001	62.843	100			
N. 400300.534			0	1.002	62.843	100			
S4	64.206		1	1.002	62.793	100	475	PPIC	D400
E. 385860.540	1.313		0	1.003	62.793	100			
N. 400305.504									
S5	64.038		1	3.002	62.350	150	1200	B	D400
E. 385856.733	1.538		2	1.003	62.400	100			
N. 400316.709			0	1.004	62.350	150			
S6	64.194		1	1.004	62.267	150	1200	B	D400
E. 385864.193	1.777		0	1.005	62.267	150			
N. 400320.425									
S7	64.095		1	1.005	62.239	150	1200	B	D400
E. 385864.176	1.706		0	1.006	62.239	150			
N. 400323.208									
S8	64.129		1	1.006	62.185	150	1200	B	D400
E. 385861.697	1.794		0	1.007	62.185	150			
N. 400328.035									
S9	64.096		1	1.007	62.143	150	1200	B	D400
E. 385859.997	1.803		0	1.008	62.143	150			
N. 400331.861									
S10	63.932		1	1.008	62.108	150	2100	A2	D400
E. 385861.310	1.674								
N. 400335.061									
S11	63.850		0	2.000	63.200	100	475	PPIC	Unspec
E. 385850.155	0.550								
N. 400295.116									
S12	63.600		0	3.000	62.850	150	475	PPIC	Unspec
E. 385839.418	0.600								
N. 400322.128									
S13	63.850		1	3.000	62.652	150	475	PPIC	Unspec
E. 385845.120	1.048		0	3.001	62.652	150			
N. 400311.681									
S14	63.796		1	3.001	62.564	150	475	PPIC	Unspec
E. 385852.708	1.082								
N. 400316.033			0	3.002	62.564	150			

MANHOLE SCHEDULE
Sheet 1 of 1

Manhole Number	Cover Level		Pipe				Manhole Size	Types	
Coordinates	Depth To Soffit	Connections	Code	Inverts	Diams			Manhole	Cover
F1	64.112		0	1.000	63.000	100	1200	B	D400
E. 385872.379	1.012								
N. 400289.598									
F2	64.191		1	2.000	62.500	100	1200	B	D400
E. 385859.491	1.591		2	1.000	62.500	100			
N. 400316.596			0	1.001	62.500	100			
F3	64.056		1	1.001	62.376	100	1200	B	D400
E. 385867.992	1.580		0	1.002	62.376	100			
N. 400321.157									
F4	63.939		1	1.002	62.303	100	2000	B	D400
E. 385866.259	1.537								
N. 400326.589									
F5	64.034		0	2.000	62.700	100	1200	B	D400
E. 385854.709	1.234								
N. 400321.464									

GENERAL NOTES

1. SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
2. ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DCG AND UNITED UTILITIES DETAILS & GUIDELINES.
3. THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150MM
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION GIVEN WITH REGARDS TO EXISTING SERVICES AND DRAINAGE CONNECTIONS ETC. PRIOR TO COMMENCING THE WORKS. THE RATES SHALL INCLUDE FOR HAND DIG AROUND SERVICES WHERE NECESSARY. THE CONTRACTOR SHALL ADHERE TO THE CDM REGULATIONS AT ALL TIMES
5. THE OUTSIDES OF ALL SEWERS SHALL BE A MINIMUM OF 1.0M FROM KERB LINES AND THE OUTSIDE OF MANHOLES SHALL BE A MINIMUM OF 0.5M FROM KERB LINES
6. EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES 7. ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES
7. ALL MATERIALS TO BEAR THE RELEVANT B.S. KITEMARK AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL CONCRETE & CONCRETE PRODUCTS MUST USE SULPHATE RESISTANT CEMENT (UNLESS THE SITE INVESTIGATION REPORT PROVES THAT SULPHATE ATTACK FROM SOILS AND GROUNDWATER WILL NOT OCCUR TO WITHSTAND A CLASS
8. ALL OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS ACTS ETC. ARE TO BE OBTAINED PRIOR TO COMMENCEMENT OF WORKS. ALL WORKS ARE TO BE INSPECTED BY L.A., NHBC OR THE NETWORK OPERATOR AS APPLICABLE.
9. WHERE "ULTRA RIB" UPVC PIPES (OR SIMILAR APPROVED) ARE USED IN ADOPTABLE DRAINAGE THEY SHALL STILL BE HANDLED AND LAID IN ACCORDANCE WITH THE SPECIFICATION AND GUIDANCE ISSUED BY THE HIGH PERFORMANCE PIPE ASSOCIATION.
10. A CLASS S BED AND SURROUND MUST BE USED FOR SUCH PIPES. TRENCH BACKFILL IN HIGHWAYS TO WITHIN 1M OF HIGHWAY SHALL, AS DIRECTED BY THE HIGHWAY AUTHORITY BE A SUITABLE GRANULAR MATERIAL ALL IN ACCORDANCE WITH SEWERS FOR ADOPTION CL. 4.3.4. 12. SLAB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE
11. DOMESTIC DRAINAGE SHALL BE TO BUILDING REGULATIONS APPROVED DOCUMENT H. 110MM U.P.V.C. PIPES LAID TO THE FOLLOWING MINIMUM FALLS UNLESS OTHERWISE SHOWN.

	FOUL	S.W.
HEAD RUN	1 IN 40	1 IN 60
ELSEWHERE	1 IN 80	1 IN 100

12. POLYPROPYLENE INSPECTION CHAMBERS TO BE PROVIDED TO ALL PRIVATE DRAINAGE LESS THAN 1.10m DEEP. WHERE PRIVATE DRAINAGE RUNS ARE DEEPER THAN 1.10m, REDUCED ACCESS CHAMBERS TO BE PROVIDED.
13. WHEREVER PLASTIC PIPES ARE TO BE USED FOR THE CONSTRUCTION OF ADOPTABLE DRAINAGE, STRUCTURED WALL PLASTIC PIPES MUST BE USED WHICH MUST COMPLY WITH BS EN 13476-1 AND WIS 4-35-01

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DRAWING STATUS: **PRELIMINARY**

CLIENT: CASEY

ARCHITECT: JOHN MCCALL ARCHITECTS

PROJECT: PALGRAVE AVENUE P500
MANCHESTER

TITLE: MANHOLE SCHEDULES

STATUS:	PROJECT No.	PROJECT	ORIGINATOR	VOL/SYS	LEVEL	TYPE	ROLE	DRAWING No.	REV:
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SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
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