

PIPE SCHEDULE 5A										
PIPE NAME	PIPE DIAMETER (mm)	PIPE LENGTH (m)	GRADIENT	START IL	END IL	PIPE MATERIAL	PIPE BEDDING	US STRUCTURE	DS STRUCTURE	COMMENTS
5A/1.000	300	26.1m	1:244.1	2.478m	2.371m	TWINWALL	TYPE S	5A/1	5A/2	
5A/1.001	300	13.9m	1:244.6	2.371m	2.314m	TWINWALL	TYPE S	5A/2	5A/3	
5A/1.002	300	20.0m	1:244.2	2.314m	2.232m	TWINWALL	TYPE S	5A/3	5A/4	
5A/1.003	300	16.2m	1:244.9	2.232m	2.166m	TWINWALL	TYPE S	5A/4	5A/5	CONCRETE PROTECTION REQUIRED
5A/1.004	300	24.4m	1:243.9	2.166m	2.066m	TWINWALL	TYPE S	5A/5	5A/15	CONCRETE PROTECTION REQUIRED
5A/1.005	225	23.3m	1:22.8	0.851m	-0.170m	TWINWALL	TYPE S	5A/15	5A/OUTFALL	
5A/2.000	300	68.7m	1:243.6	2.500m	2.218m	TWINWALL PERFORATED	TYPE S	5A/6	5A/7	
5A/2.001	300	18.6m	1:244.9	2.218m	2.142m	TWINWALL PERFORATED	TYPE S	5A/7	5A/8	
5A/2.002	300	11.9m	1:243.2	2.142m	2.093m	TWINWALL PERFORATED	TYPE S	5A/8	5A/9	
5A/2.003	300	6.6m	1:246.2	2.093m	2.066m	TWINWALL	TYPE S	5A/9	5A/15	
5A/3.000	300	23.4m	1:234.2	2.388m	2.288m	TWINWALL	TYPE S	5A/10	5A/11	
5A/3.001	300	23.7m	1:239.4	2.288m	2.189m	TWINWALL	TYPE S	5A/11	5A/14	
5A/3.002	300	14.9m	1:270.6	2.121m	2.066m	TWINWALL	TYPE S	5A/14	5A/15	CONCRETE PROTECTION REQUIRED
5A/4.000	300	17.6m	1:244.0	2.261m	2.189m	TWINWALL	TYPE S	5A/12	5A/13	CONCRETE PROTECTION REQUIRED
5A/4.001	300	16.2m	1:237.7	2.189m	2.121m	TWINWALL	TYPE S	5A/13	5A/14	

PIPE SCHEDULE N5B										
PIPE NAME	PIPE DIAMETER (mm)	PIPE LENGTH (m)	GRADIENT	START IL	END IL	PIPE MATERIAL	PIPE BEDDING	US STRUCTURE	DS STRUCTURE	COMMENTS
N5B/1.000	300	13.1m	1:242.7	2.048m	1.994m	TWINWALL	TYPE S	N5B/1	N5B/2	
N5B/1.001	300	18.1m	1:244.1	1.994m	1.920m	TWINWALL	TYPE S	N5B/2	N5B/3	
N5B/1.002	300	13.3m	1:241.9	1.920m	1.865m	TWINWALL	TYPE S	N5B/3	N5B/5	CONCRETE PROTECTION REQUIRED
N5B/1.003	300	18.6m	1:245.0	1.865m	1.789m	TWINWALL	TYPE S	N5B/5	N5B/7	CONCRETE PROTECTION REQUIRED
N5B/1.004	300	12.4m	1:243.8	1.789m	1.738m	TWINWALL	TYPE S	N5B/7	N5B/17	
N5B/1.005	225	20.2m	1:23.0	0.523m	-0.356m	TWINWALL	TYPE S	N5B/17	N5B/OUTFALL	
N5B/2.000	150	15.6m	1:100.1	2.171m	2.015m	TWINWALL	TYPE S	N5B/4	N5B/5	CONCRETE PROTECTION REQUIRED
N5B/3.000	150	8.4m	1:100.4	2.023m	1.939m	TWINWALL	TYPE S	N5B/6	N5B/7	
N5B/4.000	300	15.1m	1:255.1	2.079m	2.020m	TWINWALL	TYPE S	N5B/8	N5B/9	CONCRETE PROTECTION REQUIRED
N5B/4.001	300	25.3m	1:240.5	2.020m	1.915m	TWINWALL	TYPE S	N5B/9	N5B/10	
N5B/4.002	300	27.1m	1:244.3	1.915m	1.804m	TWINWALL	TYPE S	N5B/10	N5B/12	
N5B/4.003	300	16.2m	1:245.8	1.804m	1.738m	TWINWALL	TYPE S	N5B/12	N5B/17	CONCRETE PROTECTION REQUIRED
N5B/5.000	300	20.6m	1:237.1	1.891m	1.804m	TWINWALL	TYPE S	N5B/11	N5B/12	
N5B/6.000	300	41.0m	1:244.0	2.208m	2.040m	TWINWALL PERFORATED	TYPE S	N5B/13	N5B/14	
N5B/6.001	300	29.6m	1:244.3	2.040m	1.919m	TWINWALL PERFORATED	TYPE S	N5B/14	N5B/15	
N5B/6.002	300	27.0m	1:244.0	1.919m	1.808m	TWINWALL PERFORATED	TYPE S	N5B/15	N5B/16	
N5B/6.003	300	17.2m	1:244.0	1.808m	1.738m	TWINWALL	TYPE S	N5B/16	N5B/17	

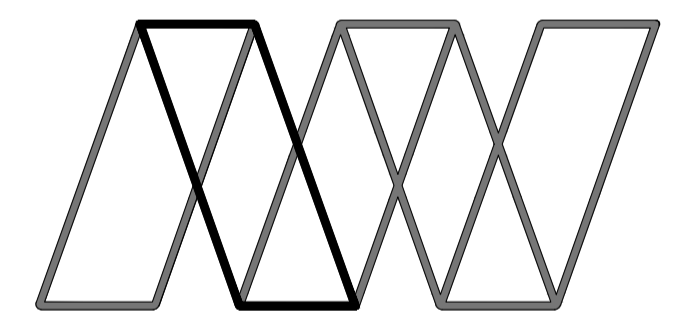
PIPE SCHEDULE N8A										
PIPE NAME	PIPE DIAMETER (mm)	PIPE LENGTH (m)	GRADIENT	START IL	END IL	PIPE MATERIAL	PIPE BEDDING	US STRUCTURE	DS STRUCTURE	COMMENTS
N8A/1.000	225	32.0m	1:167.0	2.592m	2.401m	TWINWALL	TYPE S	N8A/1	N8A/2	
N8A/1.001	225	46.4m	1:167.0	2.401m	2.123m	TWINWALL	TYPE S	N8A/2	N8A/3	
N8A/1.002	225	44.8m	1:167.0	2.123m	1.855m	TWINWALL	TYPE S	N8A/3	N8A/4	
N8A/1.003	225	16.7m	1:18.4	0.780m	-0.126m	TWINWALL	TYPE S	N8A/4	N8A/OUTFALL	

PIPE SCHEDULE N8B										
PIPE NAME	PIPE DIAMETER (mm)	PIPE LENGTH (m)	GRADIENT	START IL	END IL	PIPE MATERIAL	PIPE BEDDING	US STRUCTURE	DS STRUCTURE	COMMENTS
N8B/1.000	225	30.1m	1:167.2	2.589m	2.409m	TWINWALL	TYPE S	N8B/1	N8B/2	
N8B/1.001	225	44.5m	1:167.0	2.409m	2.143m	TWINWALL	TYPE S	N8B/2	N8B/3	
N8B/1.002	225	43.0m	1:167.0	2.143m	1.866m	TWINWALL	TYPE S	N8B/3	N8B/4	
N8B/1.003	225	20.2m	1:18.6	0.811m	-0.278m	TWINWALL	TYPE S	N8B/4	N8B/OUTFALL	

**GENERAL NOTES:**

- THE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
- THE DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
- DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
- ALL LEVELS ARE IN METRES AOD (ABOVE ORDNANCE DATUM) UNLESS NOTED OTHERWISE.
- ALL WORKS TO BE UNDERTAKEN IN COMPLIANCE WITH BS 8000 FOR WORKMANSHIP ON BUILDING SITES.
- ABBREVIATIONS: MH = MANHOLE  
CL = COVER LEVEL  
IL = INVERT LEVEL  
SW = SURFACE WATER  
N1-10/S = SWALE  
N1-10/MH = SURFACE WATER CHAMBERS.  
DS = SURFACE WATER DEMARCATION CHAMBER  
CONC = CONCRETE  
DWG = DRAWING
- ALL EARTHWORKS SHALL BE UNDERTAKEN IN FULL COMPLIANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS MCW SERIES 600.
- THE CONTRACTOR MUST ENSURE THAT THE WHOLE WORKS COMPLY BOTH WITH THE SPECIFICATION AND THE DRAWINGS WHICH ARE SUBJECT TO APPROVAL BY THE RELEVANT AUTHORITIES.
- IF ANY DISCREPANCIES EXIST BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AUTHORITY PRIOR TO COMMENCEMENT OF EACH STAGE OF THE WORK FOR THEIR REPRESENTATIVE TO CARRY OUT INSPECTION TO ENSURE COMPLIANCE WITH THEIR SPECIFICATION AND APPROVED DETAILS. IF ANY SUCH REQUESTS OR INSTRUCTIONS CAUSE CONFLICT WITH THE SPECIFICATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.

C01	DRAINAGE ROUTE ADJUSTED TO AVOID PROPOSED UTILITIES. CONSTRUCTION ISSUE	20.05.24	JP	JAG	JAG
P1	FIRST ISSUE	30.09.22	JP	JAG	JAG
Rev	Description	Date	By	Chk	App



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Project:	LINCOLNSHIRE LAKES, SCUNTHORPE M181/B1450 HIGHWAY WORKS				
Client:	NORTH LINCOLNSHIRE COUNCIL				
Drawing:	M181-JUNCTION -DRAINAGE PIPE SCHEDULES				
Role:	CIVIL ENGINEER				
Drawing Status:	<b>FOR CONSTRUCTION</b>				
Job no.	47603				
Scale@ A1:	N/A				
Rev.	C01				
Project Originator	Volume	Level	Type	Role	Number
M181 - AWP - 01	- 05	- DR	- D	- 0011	