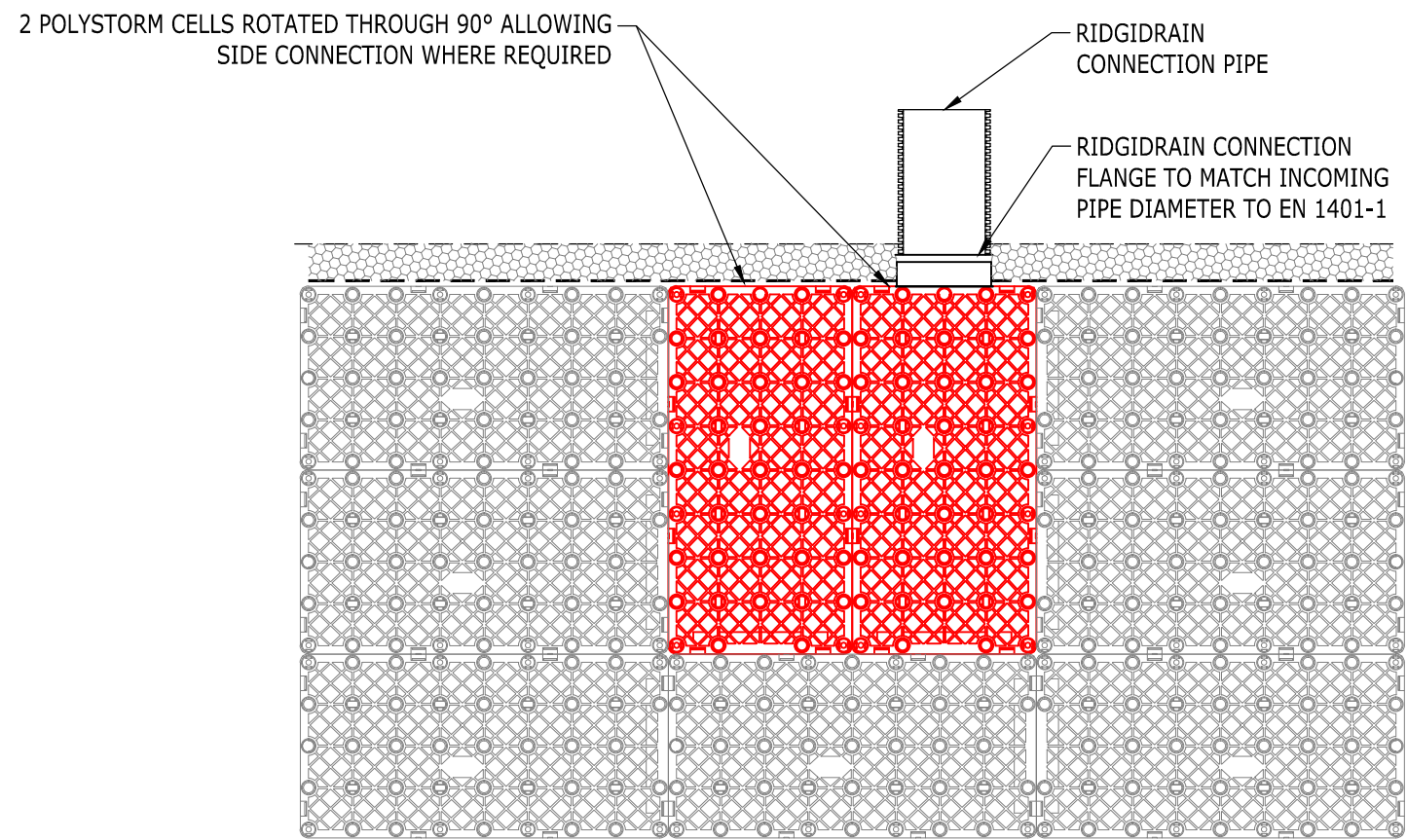
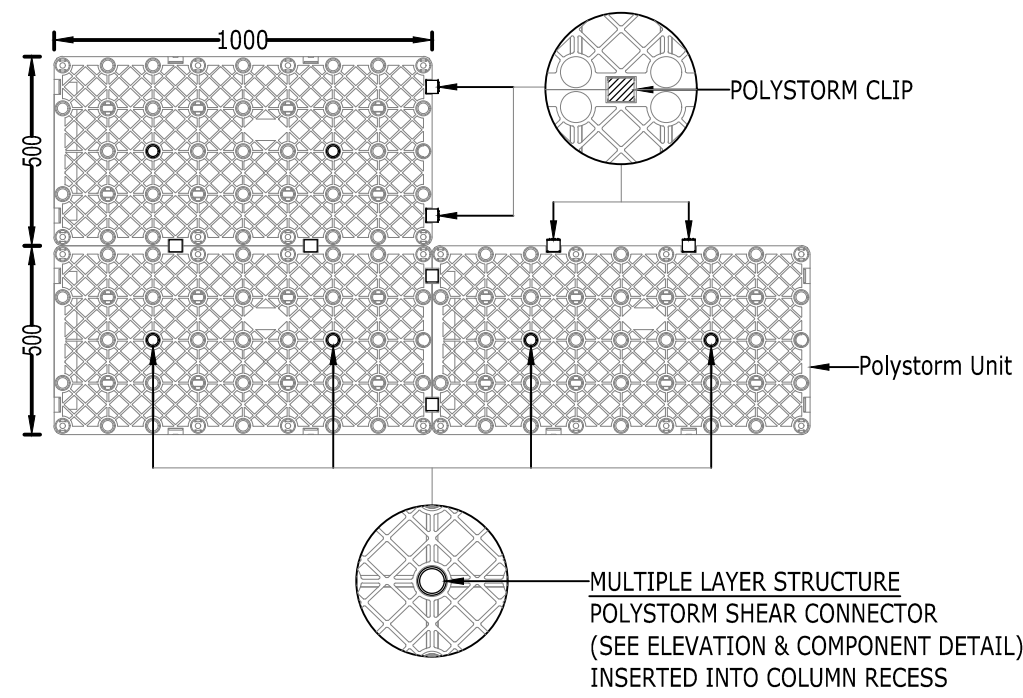
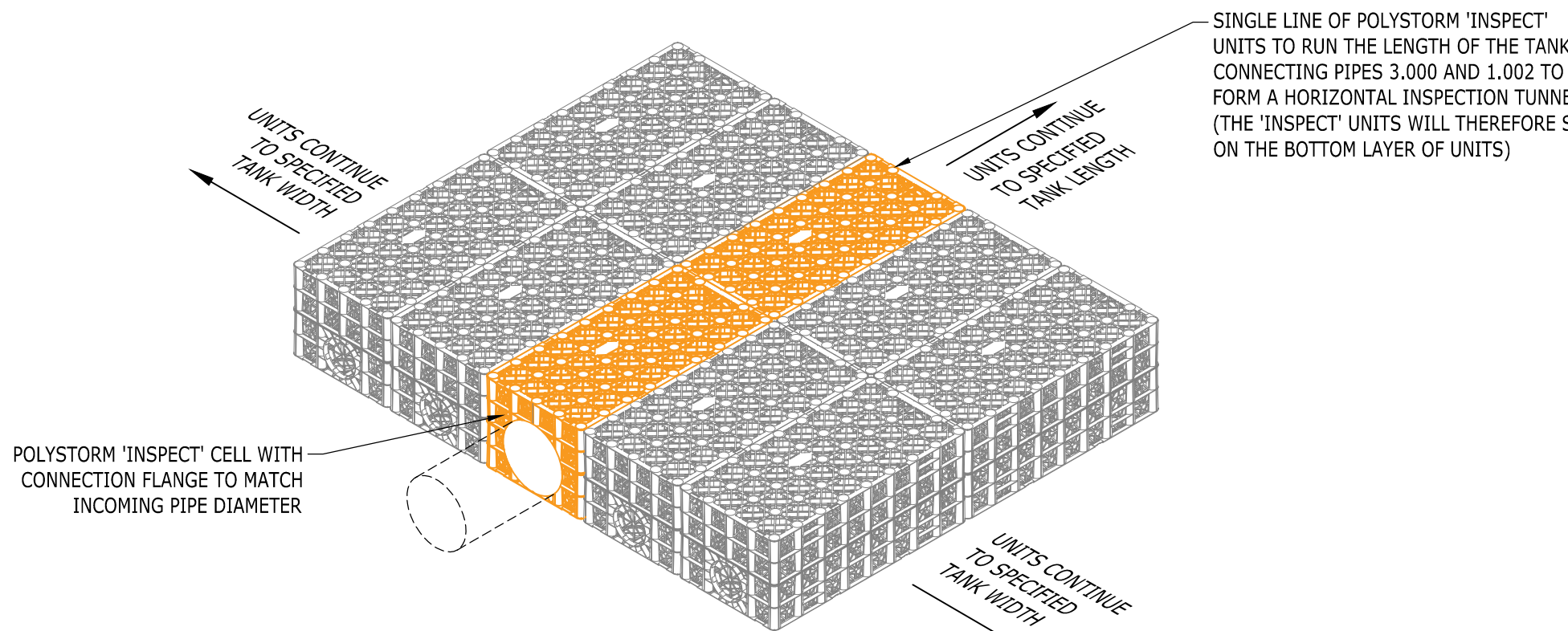




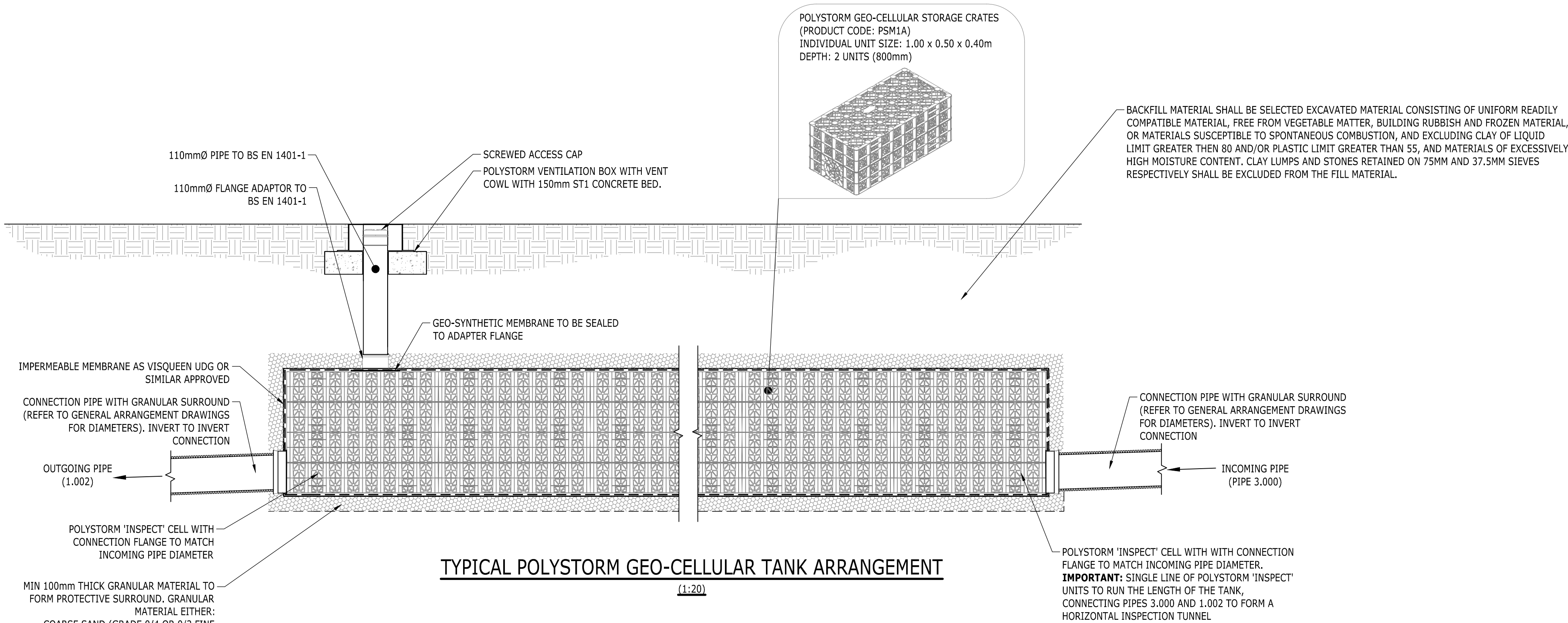
POLYSTORM SIDE CONNECTION ARRANGEMENT
(1:20)



POLYSTORM CONNECTORS - PLAN VIEW
(1:20)



TYPICAL INSPECTION TUNNEL ARRANGMENT USING POLYSTORM 'INSPECT' UNITS
(1:20)



TYPICAL POLYSTORM GEO-CELLULAR TANK ARRANGEMENT
(1:20)

ALL TANK DETAILS SHOWN ARE INDICATIVE. REFER TO MANUFACTURERS DETAILS FOR INLET & OUTLET MANIFOLDS AND INSPECTION ACCESS. ALL WORKS TO BE CARRIED OUT IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATION. (REFER TO GENERAL ARRANGEMENT DRAWINGS FOR TANK LOCATION).

GEO-CELLULAR UNIT TABLE							
NAME	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	VERTICAL STRENGTH (kN/m ²)	LATERAL STRENGTH (kN/m ²)	MATERIAL	APPROVAL
POLYSTORM PSM1A	1000	500	400	610	63	Polypropylene	BBA APPROVED

PLEASE NOTE:

CONTRACTOR TO BE AWARE OF MAXIMUM LATERAL LOADING AS DETAILED ABOVE AND MANUFACTURER REQUIREMENTS. SUITABLE MEASURES ARE TO BE IMPLEMENTED TO ENSURE LATERAL LOADING IS NOT EXCEEDED DURING CONSTRUCTION BY CONSTRUCTION TRAFFIC. MINIMUM 1.5M EASEMENT TO TANKS DURING CONSTRUCTION TO RESTRICT RISK OF OVERLOADING.

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATION AND ALL OTHER RELATED DRAWINGS ISSUED BY THE ENGINEER.
- DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
- ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES UNLESS OTHERWISE STATED.
- ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
- NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER.
- ALL DRAINAGE WORKS SUBJECT TO WEST SUSSEX COUNTY COUNCIL APPROVAL.
- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY FULLY WITH THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOLUME ONE, SPECIFICATION FOR HIGHWAY WORKS AND THE LOCAL AUTHORITY SPECIFICATION FOR ROAD CONSTRUCTION AND STANDARD DETAILS.
- THE CONTRACTOR SHALL UNDERTAKE SUCH MATERIALS TESTING AS INDICATED IN THE SPECIFICATIONS AND SHALL INCLUDE THE COST OF TESTING IN THE TENDER.
- UNLESS STATED OTHERWISE, ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AT AN APPROVED TIP OFF-SITE.
- THE PUBLIC HIGHWAY AND WORKS WILL BE KEPT CLEAN AND FREE OF DEBRIS BY USE OF WHEEL WASHING FACILITIES AND ROAD SWEEPERS TO THE COUNCIL'S SATISFACTION.
- ALL SETTING OUT SHALL BE AGREED ON-SITE WITH THE ENGINEER, PRIOR TO THE COMMENCEMENT OF THE WORKS.
- UPON COMPLETION OF THE WORKS, THE CONTRACTOR SHALL UNDERTAKE ALL NECESSARY MAINTENANCE REPAIRS TO RETURN THE HIGHWAY TO ITS FORMER CONDITION. THIS SHALL INCLUDE THE REINSTATEMENT OF VERGES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM WSCC PRIOR TO COMMENCING WORKS ON THE HIGHWAY.
- PROPOSED GULLY GRATINGS AND FRAMES SHALL BE SET AT A LEVEL OF 5-10mm BELOW THE FINISHED LEVEL OF THE CARRIAGEWAY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSITIONING ROAD GULLIES AT ALL LOW SPOTS IN THE CARRIAGEWAY.
- NO DOORS, WINDOWS, GATES ETC. SHOULD OPEN OVER THE ADOPTABLE HIGHWAY AND THERE SHOULD BE NO PROJECTING RAIN WATER DOWN PIPES OR OVERHANGING EAVES FROM ROOFS.
- NO SURFACE WATER RUN-OFF FROM PRIVATE AREAS SHALL DISCHARGE ONTO THE ADOPTABLE HIGHWAY.
- THERE SHALL BE NO PLANTING OVER 600mm IN HEIGHT WITHIN VISIBILITY SPLAYS.

CDM NOTES:

- THE ATTENTION OF THE CLIENT AND THE PRINCIPAL CONTRACTOR IS DRAWN TO THE FOLLOWING POTENTIAL RISKS IN CONJUNCTION WITH THE PROPOSED ON-SITE AND OFF-SITE WORKS AS DESIGNED FOR THIS PROJECT
- WORKS IN THE VICINITY OF LIVE SERVICES INCLUDING GAS, ELECTRICITY AND BT WILL BE NECESSARY AND THE ADVICE OF ALL STATUTORY SERVICE COMPANIES MUST BE SOUGHT BEFORE ANY WORKS COMMENCE.
- WORKS WITHIN AND ABUTTING THE EXISTING HIGHWAY WILL ENTAIL TRAFFIC HAZARDS AND ALL APPROPRIATE SAFETY MEASURES INCLUDING BARRIERS, SIGNS AND LIGHTING MUST BE UNDERTAKEN TO THE APPROVAL OF THE LOCAL AUTHORITY, THE HIGHWAY AUTHORITY AND THE POLICE CONSTABULARY.
- HAZARDOUS MATERIALS INCLUDING CEMENT AND BITUMINOUS MATERIALS ARE SPECIFIED AND THE MANUFACTURER'S ADVICE ON SAFE HANDLING PROCEDURES MUST BE OBTAINED AND MADE CLEAR TO ALL OPERATIVES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES WITHIN THE VICINITY OF THE WORKS HAND DUG AND ENSURE THESE ARE PROTECTED THROUGHOUT THE DURATION OF THE WORKS. ALL UTILITY PLANT SHOULD BE CLEARLY MARKED ON THE GROUND PRIOR TO COMMENCEMENT OF THE WORKS.
- THE CONTRACTOR MUST ENSURE ALL WORKING AREAS ARE FULLY SECURE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LIAISON WITH THE RELEVANT BUS COMPANIES TO ENSURE ALL ROUTES ARE MAINTAINED DURING THE HIGHWAY WORKS.

TRAFFIC MANAGEMENT:

- THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING A SATISFACTORY TRAFFIC MANAGEMENT SYSTEM FOR THE DURATION OF THE WORKS
- ALL TRAFFIC MANAGEMENT PROPOSALS SHALL BE SUBMITTED TO AND AGREED WITH WEST SUSSEX COUNTY COUNCIL AND POLICE CONSTABULARY PRIOR TO IMPLEMENTATION.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING WSCC STANDARD CONSTRUCTION DETAILS:
S278/S38/01 ALTERNATIVE METHODS OF LAYING KERBS
S278/S38/02 APPROVED KERB TYPE SELECTION SHEET 1
S278/S38/04 FOOTWAY / CYCLEWAY TYPE 1 & 2
S278/S38/09 SERVICE MARGINS
S278/S38/10 PREFERRED ARRANGEMENT OF SERVICES WITH PUBLIC HIGHWAY
S278/S38/11 DRAINAGE - GULLY A PRECAST CONCRETE
S278/S38/13 DRAINAGE - TYPE B CATCHPIT
S278/S38/14 VORTEX FLOW CONTROL - TYPE B MANHOLE
S278/S38/18 STREET FURNITURE - TRAFFIC CROSSINGS
S278/S38/19 STREET FURNITURE - REFUGE ISLANDS
S278/S38/20 CARRIAGEWAY - TIE IN OPTIONS
S278/S38/21 CARRIAGEWAY - FLEXIBLE SPECIFICATION

APPROVED FOR CONSTRUCTION

C1	APPROVED FOR CONSTRUCTION	AMC	AMC	AD	04-03-25
T3	INSPECTION TUNNEL PIPE REFERENCES UPDATED	JEC	MJR	JEC	07.02.25
T2	LIST INCLUDED OF WSCC STANDARD DETAIL DRAWINGS RELEVANT TO THE WORKS	JEC	MJR	JEC	03.12.24
T1	ISSUED FOR TENDER	MJR	MJR	JEC	05.07.24
Rev	Description	Drm	Chk	App	Date

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SUSSEX INSTITUTE OF PROFESSIONALISM

ISO 9001
BUREAU VERITAS
CERTIFICATION

Client		VISTRY SOUTH EAST	
Project Title:		FORD AIRFIELD, ARUN: SECTION 278 WORKS	
Drawing Title:		FORD LANE ROUNDABOUT CONSTRUCTION DETAILS (SHEET 3 OF 3)	
A1 Scale	Date	Designed by	
1:250	21.06.24	IL	
Drawn by	Checked by	Approved by	
IL	MSL	JEC	
Drawing Number		2205772-D1072	
		Rev C1	