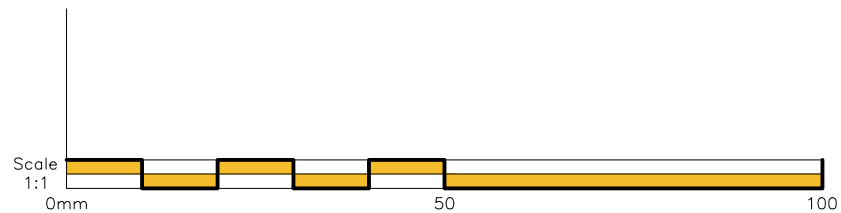
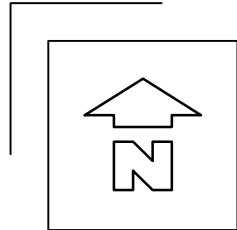




ARCH
ASSOCIATES

APPENDIX 7

DRAINAGE DRAWINGS



DRAINAGE LEGEND

- EXISTING SURFACE WATER SEWER / MANHOLE
- EXISTING FOUL WATER SEWER / MANHOLE
- EXISTING SURFACE / FOUL WATER SEWER TO BE ABANDONED
- SURFACE WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER
- SURFACE WATER CATCHPIT MANHOLE
- SURFACE WATER FLOW CONTROL MANHOLE
- SURFACE WATER DOWNSTREAM DEFENDER
- SURFACE WATER DRAIN 100mm Dia. U.N.O.
- RAIN WATER DOWNPIPE (LOCATION AS ARCHITECTS DRGS).
- RODDING EYE.
- ACO HEXDRAIN DRAINAGE CHANNEL
- SURFACE WATER ACO DRAIN / SUMP
- 708mm x 708mm PERMAVOID DIFFUSER UNIT
- ROAD GULLY
- ATTENUATION TANK OR SOAKAWAY OUT OF PROPRIETARY CRATE SYSTEM
- ADOPTABLE FOUL WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER
- PRIVATE FOUL WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER
- ADOPTABLE FOUL WATER DRAIN 100mm Dia. U.N.O.
- PRIVATE FOUL WATER DRAIN 100mm Dia. U.N.O.
- SOIL VENT PIPE / STUB STACK (LOCATION AS ARCHITECTS DRGS)
- FOUL WATER BACK INLET GULLY (LOCATION AS ARCHITECTS DRGS)
- EXTERNAL BACKDROP
- CONCRETE BAFFLE WITH 150mm OUTLETS WITHIN PERMEABLE SUBBASE
- UNLINED (TYPE A) PERMEABLE CONSTRUCTION WITH 30% VOID MATERIAL SUBBASE.

NOTES

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- ANY DISCREPANCIES BETWEEN THIS DRAWING AND OTHER INFORMATION IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF THE WORKS ON SITE.
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- THE CONTRACTOR IS TO ENSURE THE STABILITY AND STRUCTURAL INTEGRITY OF THE EXISTING PROPERTY AT ALL TIMES DURING WORKS AND IS TO BE RESPONSIBLE FOR ALL PROPPING AND SHORING AS REQUIRED.
- MAIN CONTRACTOR TO PROVIDE AND FIX SUITABLE BRACING AND PROPPING FOR ALL ELEMENTS IN THE TEMPORARY CONDITION DURING CONSTRUCTION STAGE, SUCH AS TO ENSURE STRUCTURE STABILITY AT ALL TIMES.
- IT IS THE CONTRACTORS SOLE RESPONSIBILITY FOR ASCERTAINING SAFE DISPOSAL OF ANY OFF-SITE EXCAVATED SPOIL. NO CLAIM RESULTING FROM ABNORMAL TIP REQUIREMENTS WILL BE ENTERTAINED.

DRAINAGE NOTES

- REFER TO DRAWING AAL169-AAL-ED-XX-LS-C-5199 FOR COMPREHENSIVE DRAINAGE NOTES.

KEY TO HEALTH AND SAFETY SYMBOLS

THESE NOTES ARE BASED ON THE USE OF EXPERIENCED AND COMPETENT CONTRACTORS CARRYING OUT THE WORK USING AN APPROVED SAFE METHOD OF WORKING

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION
- INDICATES A RESIDUAL RISK AS A WARNING
- INDICATES A RESIDUAL RISK FOR INFORMATION

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ENHANCED SUBBASE TO
BE INSTALLED AT DEPTHS
SHOWN OR EMBEDDED
200mm DEEP INTO CHALK
LAYER, WHICHEVER IS
GREATER

P01	23.06.2026	PRELIMINARY ISSUE FOR COMMENT	TA
Rev.	Date	Description	By

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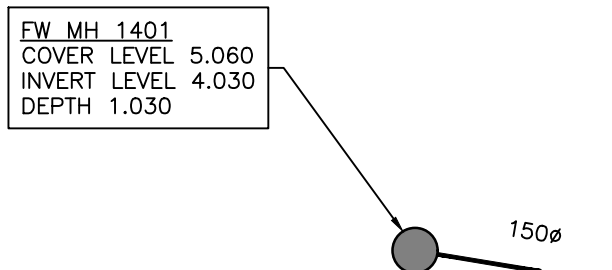
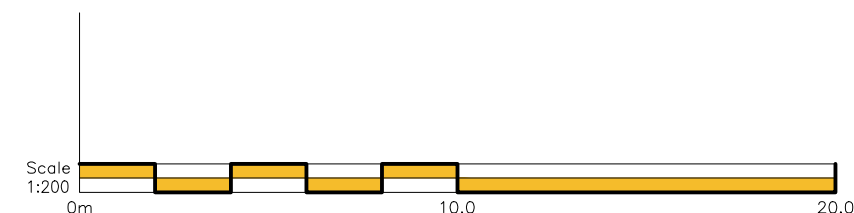
Client
STONEWATER LTD.

Architect
MH ARCHITECTS

Project title
PROPOSED RESIDENTIAL DEVELOPMENT,
STOPHAM ROAD, PULBOROUGH.

Drawing title
DRAINAGE,
GENERAL ARRANGEMENT.

Scale 1:400	Paper size A1	Date JUN 2026	Drawn by TA	Checked by CH	Status S3
Name Project code AAL169-AAL-ED-XX-DP-C-5100-P01	Originator Functional breakdown Spatial breakdown Form breakdown Number Revision				



	EXISTING SURFACE WATER SEWER / MANHOLE
	EXISTING FOUL WATER SEWER / MANHOLE
	EXISTING SURFACE / FOUL WATER SEWER TO BE ABANDONED
	SURFACE WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER
	SURFACE WATER CATCHPIT MANHOLE
	SURFACE WATER FLOW CONTROL MANHOLE
	SURFACE WATER DOWNSTREAM DEFENDER
	SURFACE WATER DRAIN 100mm Dia. U.N.O.
	RAIN WATER DOWNPIPE (LOCATION AS ARCHITECTS DRGS.)
	RODDING EYE.
	ACO HEX DRAIN DRAINAGE CHANNEL
	SURFACE WATER ACO DRAIN / SUMP
	708mm x 708mm PERMAVOID DIFFUSER UNIT
	ROAD GULLY
	ATTENUATION TANK OR SOAKAWAY OUT OF PROPRIETARY CRATE SYSTEM
	ADAPTABLE FOUL WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER
	PRIVATE FOUL WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER
	ADAPTABLE FOUL WATER DRAIN 100mm Dia. U.N.O.
	PRIVATE FOUL WATER DRAIN 100mm Dia. U.N.O.
	SOIL VENT PIPE / STUB STACK (LOCATION AS ARCHITECTS DRGS.)
	FOUL WATER BACK INLET GULLY (LOCATION AS ARCHITECTS DRGS.)
	EXTERNAL BACKDROP
	CONCRETE BAFFLE WITH 150mm OUTLETS WITHIN PERMEABLE SUBBASE
	UNLINED (TYPE A) PERMEABLE CONSTRUCTION WITH 30% VOID MATERIAL SUBBASE.

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3. ANY DISCREPANCIES BETWEEN THIS DRAWING AND OTHER INFORMATION IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF THE WORKS ON SITE.
4. THE MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR THE SETTING OUT AND ACCURACY OF ALL DIMENSIONS.
5. THE CONTRACTOR IS TO ENSURE THE STABILITY AND STRUCTURAL INTEGRITY OF THE EXISTING PROPERTY AT ALL TIMES DURING WORKS AND IS TO BE RESPONSIBLE FOR ALL SHORING AND SHORING AS REQUIRED.
6. MAIN CONTRACTOR TO PROTECT AND FIX SUFFICIENT BRACING AND PROPPING FOR ALL ELEMENTS IN THE TEMPORARY CONDITION DURING CONSTRUCTION STAGE, SUCH AS TO ENSURE STRUCTURE STABILITY AT ALL TIMES.
7. IT IS THE CONTRACTORS SOLE RESPONSIBILITY FOR ADEQUATE SAFE DISPOSAL OF ANY OFF-SITE EXISTING EXPOSURE.
8. ALL NECESSARY PERMITS, NOTICES, AND/OR AERIAL PHOTOGRAPHY REQUIREMENTS WILL BE ENTERTAINED.

1. REFER TO DRAWING AAL169-AAL-ED-XX-LS-C-5199
FOR COMPREHENSIVE DRAINAGE NOTES.

THESE NOTES ARE BASED ON THE USE OF
EXPERIENCED AND COMPETENT CONTRACTORS
CARRYING OUT THE WORK USING AN
APPROVED SAFE METHOD OF WORKING

- | | |
|---|--|
|  | INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION |
|  | INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION |
|  | INDICATES A RESIDUAL RISK AS A WARNING |
|  | INDICATES A RESIDUAL RISK FOR INFORMATION |

ENHANCED SUBBASE TO
BE INSTALLED AT DEPTHS
SHOWN OR EMBEDDED
200mm DEEP INTO CHALK
LAYER, WHICHEVER IS
GREATER



PROPOSED RESIDENTIAL DEVELOPMENT,
STOPHAM ROAD, PULBOROUGH.



P24 SOAKAWAY
AREA 9.000m² (1.5m x 6.0m)
DEPTH 0.800m
INFILTRATION RATE (SIDE ONLY) 6.82 x 10⁻⁶m/s
BASE CRATE LEVEL 9.324m
TOP CRATE LEVEL 10.124m
HYDRO WMS RAUSIKKO LT OR SIMILAR APPROVED

P25 SOAKAWAY
AREA 6.000m² (1.5m x 4.0m)
DEPTH 1.200m
INFILTRATION RATE (SIDE ONLY) 6.82 x 10⁻⁶m/s
BASE CRATE LEVEL 9.117m
TOP CRATE LEVEL 10.317m
HYDRO WMS RAUSIKKO LT OR SIMILAR APPROVED

P25/26 PERMEABLE PAVING
AREA 61.490m²
DEPTH 0.500m
INFILTRATION RATE (BASE ONLY) 6.82 x 10⁻⁶m/s
30% VOID MATERIAL SUBBASE

P26 SOAKAWAY
AREA 9.000m² (1.5m x 6.0m)
DEPTH 0.800m
INFILTRATION RATE (SIDE ONLY) 6.82 x 10⁻⁶m/s
BASE CRATE LEVEL 9.180m
TOP CRATE LEVEL 9.980m
HYDRO WMS RAUSIKKO LT OR SIMILAR APPROVED

P21/22 PERMEABLE PAVING
AREA 73.660m²
DEPTH 0.550m
INFILTRATION RATE (BASE ONLY) 6.82 x 10⁻⁶m/s
30% VOID MATERIAL SUBBASE

P22 SOAKAWAY
AREA 9.000m² (2.0m x 4.5m)
DEPTH 0.800m
INFILTRATION RATE (SIDE ONLY) 6.82 x 10⁻⁶m/s
BASE CRATE LEVEL 8.761m
TOP CRATE LEVEL 9.961m
HYDRO WMS RAUSIKKO LT OR SIMILAR APPROVED

P22 SOAKAWAY
AREA 8.500m²
DEPTH 1.200m
INFILTRATION RATE (SIDE ONLY) 6.82 x 10⁻⁶m/s
BASE CRATE LEVEL 8.606m
TOP CRATE LEVEL 9.806m
HYDRO WMS RAUSIKKO LT OR SIMILAR APPROVED

P21 SOAKAWAY
AREA 8.500m²
DEPTH 1.200m
INFILTRATION RATE (SIDE ONLY) 6.82 x 10⁻⁶m/s
BASE CRATE LEVEL 8.198m
TOP CRATE LEVEL 9.398m
HYDRO WMS RAUSIKKO LT OR SIMILAR APPROVED

VISITOR PERMEABLE PAVING
AREA 34.875m²
DEPTH 0.450m
INFILTRATION RATE (BASE ONLY) 6.82 x 10⁻⁶m/s
30% VOID MATERIAL SUBBASE

P21/22 PERMEABLE PAVING
AREA 61.490m²
DEPTH 0.450m
INFILTRATION RATE (BASE ONLY) 6.82 x 10⁻⁶m/s
30% VOID MATERIAL SUBBASE

ROAD ATTENUATION TANK
AREA 30.000m² (3.0m x 10.0m)
DEPTH 1.600m
BASE CRATE LEVEL 6.564m
TOP CRATE LEVEL 8.164m
HYDRO WMS RAUSIKKO SX OR SIMILAR APPROVED

FLOW CONTROL MANHOLE
DISCHARGE RATE 5.0l/s

GROUNDWORKER TO CONFIRM SURFACE
WATER MANHOLE INVERT LEVEL PRIOR
TO COMMENCEMENT OF WORKS.

DOWNSTREAM DEFENDER

RWP/FENCE CLASH TO BE
REVIEWED BY ARCHITECT

P18/19/20 SOAKAWAY
AREA 27.000m² (3.0m x 9.0m)
DEPTH 1.600m
INFILTRATION RATE (SIDE ONLY) 6.82 x 10⁻⁶m/s
BASE CRATE LEVEL 7.229m
TOP CRATE LEVEL 8.829m
HYDRO WMS RAUSIKKO LT OR SIMILAR APPROVED

RWP/FENCE CLASH TO BE
REVIEWED BY ARCHITECT

FW.MH. 2502
COVER LEVEL 5.090
INVERT LEVEL 2.850
DEPTH 2.240

FW.MH. 2501
COVER LEVEL 6.450
INVERT LEVEL 3.730
DEPTH 2.720

GROUNDWORKER TO CONFIRM FOUL
WATER MANHOLE INVERT LEVEL PRIOR
TO COMMENCEMENT OF WORKS.

FOUL WATER CONNECTION
SUBJECT TO S104

VITRIFIED CLAY

HIGHWAY DRAINAGE BY OTHERS

NETWORK RAIL ACCESS

P10 PERMEABLE PAVING
AREA 34.020m²
DEPTH 1.000m
INFILTRATION RATE (BASE ONLY) 6.82 x 10⁻⁶m/s
30% VOID MATERIAL SUBBASE LAID AT FLAT

P11 PERMEABLE PAVING
AREA 34.020m²
DEPTH 1.000m
INFILTRATION RATE (BASE ONLY) 6.82 x 10⁻⁶m/s
30% VOID MATERIAL SUBBASE LAID AT FLAT

CAR PARK PERMEABLE PAVING
AREA 379.880m²
DEPTH 0.700m
INFILTRATION RATE (BASE ONLY) 6.82 x 10⁻⁶m/s
30% VOID MATERIAL SUBBASE LAID AT 1:100 GRADIENT

FW.MH. 1401
COVER LEVEL 5.060
INVERT LEVEL 4.030
DEPTH 1.030

DRAINAGE LEGEND

- EXISTING SURFACE WATER SEWER / MANHOLE
- EXISTING FOUL WATER SEWER / MANHOLE
- EXISTING SURFACE / FOUL WATER SEWER TO BE ABANDONED
- SURFACE WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER
- SURFACE WATER CATCHPIT MANHOLE
- SURFACE WATER FLOW CONTROL MANHOLE
- SURFACE WATER DOWNSTREAM DEFENDER
- SURFACE WATER DRAIN 100mm Dia. U.N.O.
- RAIN WATER DOWNPIPE (LOCATION AS ARCHITECTS DRGS)
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- ACO HEXDRAIN DRAINAGE CHANNEL
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- 708mm x 708mm PERMAVOID DIFFUSER UNIT
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DRAINAGE NOTES

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KEY TO HEALTH AND SAFETY SYMBOLS

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- INDICATES A RESIDUAL RISK AS A WARNING
- INDICATES A RESIDUAL RISK FOR INFORMATION

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BE INSTALLED AT DEPTHS
SHOWN OR EMBEDDED
200mm DEEP INTO CHALK
LAYER, WHICHEVER IS
GREATER

P01	23.06.2026	PRELIMINARY ISSUE FOR COMMENT	TA
Rev.	Date	Description	By

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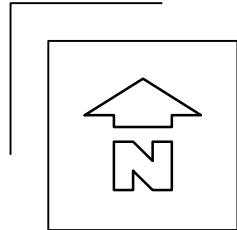
Client
STONEMASTER LTD.

Architect
MH ARCHITECTS

Project title
PROPOSED RESIDENTIAL DEVELOPMENT,
STOPHAM ROAD, PULBOROUGH.

Drawing title
DRAINAGE,
SHEET 2.

Scale	Paper size	Date	Drawn by	Checked by	Status
1:200	A1	JUN 2026	TA	CH	S3
Name	Project code	Original	Functional	Spatial	Form
		breakdown	breakdown	breakdown	breakdown
		Number	Revision		
		AAL169-AAL-ED-XX-DP-C-5102	P01		



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DRAINAGE NOTES

1. REFER TO DRAWING AAL169-AAL-ED-XX-LS-C-5199 FOR COMPREHENSIVE DRAINAGE NOTES.

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- INDICATES A RESIDUAL RISK FOR INFORMATION

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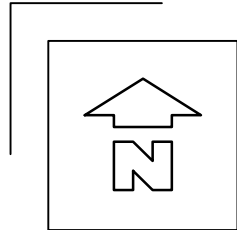
Client
STONEWATER LTD.

Architect
MH ARCHITECTS

Project title
PROPOSED RESIDENTIAL DEVELOPMENT,
STOPHAM ROAD, PULBOROUGH.

Drawing title
**DRAINAGE,
CATCHMENT PLAN.**

Scale 1:400	Paper size A1	Date JUN 2026	Drawn by TA	Checked by CH	Status S3
Name Project code AAL169-AAL-ED-XX-DP-C-5110-P01	Originator Functional Spatial Form Number Revision	Drawn by Checked by Status			



OVERLAND FLOW ROUTE LEGEND



OVERLAND FLOW ARROW

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DRAINAGE NOTES

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INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION



INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION



INDICATES A RESIDUAL RISK AS A WARNING



INDICATES A RESIDUAL RISK FOR INFORMATION

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Rev.	Date	Description	By



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ASSOCIATES

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www.archassociates.co.uk

Client
STONEWATER LTD.

Architect
MH ARCHITECTS

Project title

PROPOSED RESIDENTIAL DEVELOPMENT,
STOPHAM ROAD, PULBOROUGH.

Drawing title

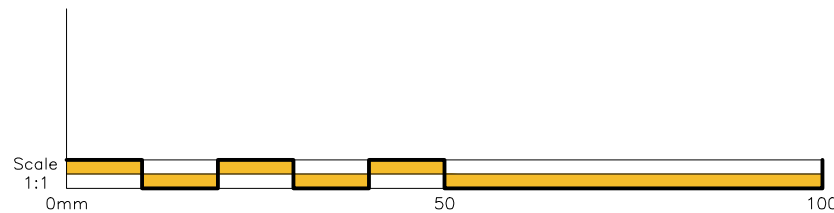
DRAINAGE,
OVERLAND FLOW ROUTE PLAN.

Scale	Paper size	Date	Drawn by	Checked by	Status
1:400	A1	JUN 2026	TA	CH	S3

Name

Project code

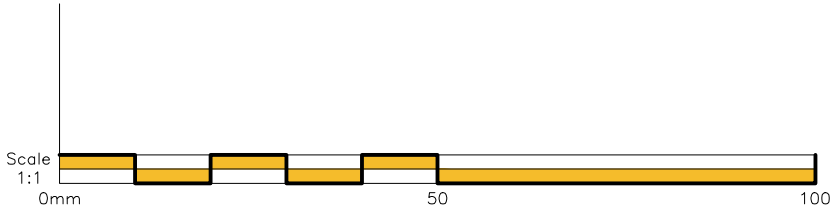
AAL169-AAL-ED-XX-DP-C-5111-P01



SURFACE WATER MANHOLE TABLE									
REF	EASTING	NORTHING	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT LEVEL	SIZE	TYPE	COVER RATING	COMMENTS
S1	504214.291	118570.705	9.044	6.489	2.555	1050	DOWNSTREAM DEFENDER	D400	DOWNSTREAM DEFENDER, UNIT REF. DDC10-620-C-150, SUPPLIED BY HYDRO INTERNATIONAL
S2	504211.118	118572.610	9.174	6.526	2.648	1200	FLOW CONTROL MANHOLE	D400	HYDRO-BRAKE OPTIMUM, UNIT REF. CTL-SHE-0092-5000-1960-5000 SUPPLIED BY HYDRO INTERNATIONAL TO RESTRICT FLOW RATE TO 5.0l/s WITH DESIGN HEAD AT 1.960m
S3	504183.786	118569.558	9.936	7.123	2.813	1200	TYPE B	D400	300mm SUMP
S4	504162.636	118540.094	10.361	7.484	2.877	1200	TYPE B	D400	
S5	504121.762	118547.671	10.404	7.900	2.504	1200	TYPE B	D400	
S6	504106.175	118546.445	9.431	8.131	1.300	1350	TYPE C	D400	
S7	504209.323	118571.239	9.247	7.897	1.350	1350	TYPE C	D400	300mm SUMP
S8	504198.699	118554.039	9.700	8.696	1.004	450	TYPE D	A15	300mm SUMP
S9	504202.511	118560.259	9.831	8.819	1.012	450	TYPE D	B125	RECESSED COVER
S10	504202.054	118568.007	9.612	8.950	0.662	450	TYPE D	B125	
S11	504189.238	118567.161	9.978	9.378	0.600	450	TYPE D	B125	
S12	504195.709	118555.870	9.852	8.731	1.121	450	TYPE D	A15	
S13	504178.928	118528.439	10.308	9.404	0.904	450	TYPE D	C250	300mm SUMP
S14	504186.850	118541.366	10.259	9.659	0.600	450	TYPE D	A15	RECESSED COVER
S15	504167.798	118535.902	10.304	9.430	0.874	450	TYPE D	A15	300mm SUMP
S16	504175.008	118547.668	10.262	9.662	0.600	450	TYPE D	A15	
S17	504160.762	118526.263	10.521	9.921	0.600	450	TYPE D	A15	300mm SUMP
S18	504161.827	118534.905	10.577	9.977	0.600	450	TYPE D	A15	300mm SUMP, RECESSED COVER
S19	504164.888	118563.162	10.035	9.318	0.717	450	TYPE D	A15	300mm SUMP, RECESSED COVER
S20	504163.282	118560.542	10.126	9.420	0.706	450	TYPE D	A15	
S21	504170.654	118556.024	10.166	9.566	0.600	450	TYPE D	A15	RECESSED COVER
S22	504158.663	118560.888	10.288	9.688	0.600	450	TYPE D	A15	300mm SUMP
S23	504150.790	118561.436	10.679	9.827	0.852	450	TYPE D	A15	300mm SUMP
S24	504147.841	118545.532	10.699	10.099	0.600	450	TYPE D	A15	RECESSED COVER
S25	504146.408	118561.806	10.766	9.998	0.768	450	TYPE D	A15	300mm SUMP
S26	504143.958	118548.591	10.824	10.224	0.600	450	TYPE D	A15	RECESSED COVER
S27	504145.757	118537.825	10.753	10.026	0.727	450	TYPE D	B125	300mm SUMP, RECESSED COVER
S28	504144.231	118529.594	10.767	10.167	0.600	450	TYPE D	A15	
S29	504137.646	118562.980	10.798	10.198	0.600	450	TYPE D	A15	300mm SUMP
S30	504125.413	118541.596	10.741	9.901	0.840	450	TYPE D	B125	300mm SUMP, RECESSED COVER
S31	504123.654	118532.106	10.664	10.064	0.600	450	TYPE D	A15	
S32	504124.406	118562.560	10.599	9.840	0.759	450	TYPE D	A15	300mm SUMP
S33	504116.600	118560.422	10.576	9.976	0.600	450	TYPE D	A15	
S34	504126.898	118558.318	10.577	9.977	0.600	450	TYPE D	A15	RECESSED COVER
S35	504111.059	118542.666	9.860	8.837	1.023	450	TYPE D	B125	300mm SUMP, RECESSED COVER
S36	504111.613	118535.623	9.556	8.956	0.600	450	TYPE D	A15	RECESSED COVER
S37	504100.434	118554.502	9.127	8.527	0.600	450	TYPE D	A15	300mm SUMP, RECESSED COVER
S38	504099.142	118561.166	9.592	8.749	0.843	450	TYPE D	A15	300mm SUMP, RECESSED COVER
S39	504098.978	118563.245	10.223	8.785	1.438	450	TYPE D	A15	RECESSED COVER
S40	504088.746	118562.440	9.560	8.960	0.600	450	TYPE D	A15	RECESSED COVER
S41	504085.029	118531.458	7.382	6.632	0.750	450	TYPE D	D400	300mm SUMP
S42	504077.876	118533.364	7.794	7.194	0.600	450	TYPE D	B125	300mm SUMP, RECESSED COVER
S43	504076.254	118548.345	8.964	8.319	0.645	450	TYPE D	B125	300mm SUMP, RECESSED COVER
S44	504067.252	118547.637	9.280	8.680	0.600	450	TYPE D	A15	RECESSED COVER
S45	504075.390	118556.429	9.470	8.670	0.800	450	TYPE D	A15	300mm SUMP
S46	504056.028	118534.940	10.219	9.619	0.600	450	TYPE D	A15	300mm SUMP
S47	504043.294	118533.938	10.587	9.844	0.743	450	TYPE D	A15	300mm SUMP
S48	504042.246	118547.261	10.669	10.069	0.600	450	TYPE D	A15	
S49	504018.234	118529.175	11.042	10.193	0.849	450	TYPE D	A15	300mm SUMP, RECESSED COVER
S50	504029.065	118530.029	10.976	10.376	0.600	450	TYPE D	B125	RECESSED COVER
S51	504014.431	118539.466	11.282	10.467	0.815	450	TYPE D	A15	300mm SUMP
S52	504017.161	118537.135	11.113	10.513	0.600	450	TYPE D	A15	
S53	504014.380	118554.582	11.665	10.708	0.957	450	TYPE D	A15	300mm SUMP
S54	504025.410	118555.450	11.494	10.894	0.600	450	TYPE D	B125	RECESSED COVER

ADOPTABLE FOUL WATER MANHOLE TABLE										
REF	EASTING	NORTHING	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT LEVEL	SIZE	TYPE	COVER RATING	COMMENTS	
A-F1	504182.850	118509.771	7.475	5.199	2.276	1200	TYPE B	D400		

PRIVATE FOUL WATER MANHOLE TABLE									
REF	EASTING	NORTHING	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT LEVEL	SIZE	TYPE	COVER RATING	COMMENTS
P-F2	504176.817	118520.458	10.387	6.426	3.961	1200	TYPE A	C250	
P-F2.01	504173.891	118529.508	10.316	9.560	0.756	450	TYPE D	C250	
P-F2.02	504161.169	118535.912	10.570	9.640	0.930	450	TYPE D	A15	RECESSED COVER
P-F3	504159.401	118541.863	10.413	6.610	3.803	1200	TYPE A	D400	
P-F3.01	504158.123	118544.386	10.536	8.443	2.093	450	TYPE D	A15	
P-F3.02	504136.746	118548.707	10.964	10.105	0.859	450	TYPE D	A15	
P-F3.03	504137.924	118549.099	10.980	10.120	0.860	450	TYPE D	A15	
P-F3.04	504139.528	118540.564	10.899	9.090	1.809	450	TYPE D	B125	
P-F3.05	504132.210	118541.920	10.937	9.090	1.847	450	TYPE D	B125	
P-F3.06	504122.409	118550.428	10.590	9.835	0.755	450	TYPE D	A15	
P-F3.07	504161.875	118545.956	10.433	9.535	0.898	450	TYPE D	A15	
P-F4	504119.924	118549.181	10.317	6.877	3.440	1200	TYPE A	D400	
P-F4.01	504105.983	118543.671	9.503	8.635	0.868	450	TYPE D	B125	
P-F5	504090.081	118546.834	8.489	7.076	1.413	1350	TYPE C	D400	
P-F5.01	504078.866	118540.790	8.134	7.285	0.849	450	TYPE D	A15	
P-F5.02	504080.581	118543.773	8.622	8.060	0.562	450	TYPE D	A15	
P-F6	504076.252	118559.918	9.978	9.314	0.664	450	TYPE D	D400	
P-F6.01	504076.950	118550.131	9.047	8.400	0.647	450	TYPE D	A15	
P-F6.02	504088.631	118556.104	9.407	8.715	0.692	450	TYPE D	A15	
P-F6.03	504089.300	118552.774	9.058	8.315	0.743	450	TYPE D	A15	
P-F7	504051.799	118557.995	10.179	9.477	0.702	450	TYPE D	D400	
P-F7.01	504052.447	118549.750	10.352	9.630	0.722	450	TYPE D	A15	
P-F7.02	504047.845	118548.355	10.482	9.630	0.852	450	TYPE D	B125	RECESSED COVER
P-F8	504030.406	118553.145	11.156	9.972	1.185	450	TYPE D	B125	RECESSED COVER
P-F8.01	504026.369	118552.827	11.353	10.520	0.833	450	TYPE D	B125	RECESSED COVER
P-F8.02	504029.984	118543.206	11.299	10.525	0.774	450	TYPE D	B125	RECESSED COVER
P-F9	504031.769	118535.818	11.023	10.189	0.834	450	TYPE D	B125	RECESSED COVER
P-F9.01	504030.667	118534.528	11.038	10.210	0.828	450	TYPE D	B125	RECESSED COVER
P-F10	504184.809	118533.499	10.233	8.895	1.338	450	TYPE D	A15	
P-F10.01	504186.167	118538.725	10.246	9.575	0.671	450	TYPE D	A15	RECESSED COVER
P-F10.02	504188.397	118542.363	9.977	9.290	0.687	450	TYPE D	A15	
P-F10.03	504190.983	118546.584	9.923	9.290	0.633	450	TYPE D	A15	
P-F10.04	504194.804	118552.819	9.928	9.290	0.638	450	TYPE D	A15	
P-F11	504198.127	118555.230	9.753	9.065	0.688	450	TYPE D	A15	
P-F12	504166.180	118549.126	10.311	9.212	1.099	450	TYPE D	A15	
P-F13	504171.990	118560.310	10.183	9.370	0.813	450	TYPE D	A15	



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Client

STONEWATER LTD.

Architect

MH ARCHITECTS

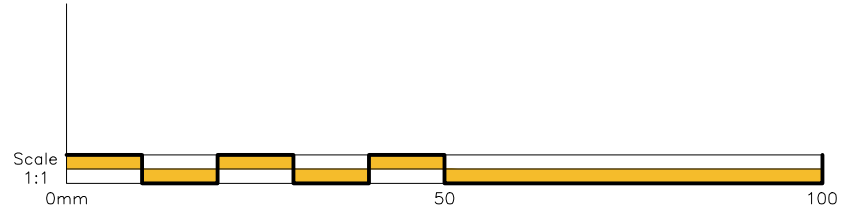
Project title

PROPOSED RESIDENTIAL DEVELOPMENT,
STOPHAM ROAD, PULBOROUGH.

Drawing title

DRAINAGE,
MANHOLE SCHEDULES.

Scale	Paper size	Date	Drawn by	Checked by	Status
NTS	A1	JUN 2026	TA	CH	S3
Name					
Project code	Originator	Functional	Spatial	Form	Number
AAL169	AAL	ED	XX	LS	C-5105
P01					



DRAINAGE NOTES

- ANY PIPES TO BE ADOPTED, OR CONNECTING TO ADOPTED SEWERS, AND/OR SITUATED UNDER THE HIGHWAY, TO BE VITRIFIED CLAY TO BS EN 295 & BS65 (SWS ONLY), OR CONCRETE PIPES TO BS EN 1916 & BS5811:PART 1, OR PLASTIC IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
 - SOLID WALL PVC-U TO BS EN 1401
 - SPIRAL WOUND WELDED HDPE TO BS EN 13476 PARTS 1 & 2
 - STRUCTURE-WALL THERMOPLASTIC TO BS EN 13476 PARTS 1, 2 & 3
 - POLYPROPYLENE TO BS EN 1852
- FOR CONSTRUCTION DETAILS REFER TO THE RELEVANT ARCH ASSOCIATES DRAWING NUMBERS LISTED ON THE DRAWING ISSUE SHEET.
- ADOPTABLE HIGHWAY WORKS ARE TO BE IN ACCORDANCE WITH LOCAL AUTHORITY DESIGN GUIDANCE.
- ANY WORKS ASSOCIATED WITH THE HIGHWAY/EXTERNAL WORKS INCLUDING HIGHWAY DRAINAGE, SHALL BE IN ACCORDANCE WITH THE HIGHWAYS AGENCY MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOL 1' (MCHW), UNLESS OTHERWISE SPECIFIED.
- ALL ADOPTABLE DRAINAGE WORKS TO BE CONSTRUCTED AS DETAILED IN "THE CODE" FOR ADOPTION DESIGN AND CONSTRUCTION GUIDANCE AND THE LOCAL WATER AUTHORITY'S LOCAL PRACTICE NOTE.
- ALL ADOPTABLE SEWERS WITH LESS THAN 1.20m OF COVER WHEN LAID BENEATH THE ROADS, OR 0.90m OF COVER IN OTHER AREAS, SHALL HAVE CONCRETE PROTECTION IN ACCORDANCE WITH EITHER OF THE DETAILS SHOWN ON THE STANDARD DRAWING PROVIDED.
- ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT; THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE TIE-IN INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER SIZED PIPES ETC. SHOULD BE SOFFIT TO SOFFIT UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER. IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY.
- COVER LEVELS SHOWN ARE APPROXIMATE, COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
- ROAD GULLY PIPES ARE TO BE 150mm DIA. WITH CONCRETE SURROUND AND FLEXIBLE JOINTS. ALL OTHER UN-REFERENCED PIPES ARE ASSUMED TO BE 100mm DIA.
 - FW MIN GRADIENT – 1 IN 40 (100 DIA) NO WC'S CONNECTED
 - FW MIN GRADIENT – 1 IN 80 (100 DIA) MIN 1 WC CONNECTED
 - FW MIN GRADIENT – 1 IN 150 (150 DIA) MIN 5 WC'S CONNECTED
 - SW MIN GRADIENT – 1 IN 100 (100 DIA)
 - SW MIN GRADIENT – 1 IN 150 (150 DIA)ALL GULLIES SHALL BE FITTED WITH GRADE D400 GRATINGS AND FRAMES TO BS EN124, UNLESS OTHERWISE STATED.
- IN ORDER TO MAINTAIN THE SATISFACTORY FUNCTIONING OF SURFACE WATER SEWERS, ALL ROAD AND YARD GULLIES ARE TO BE "TRAPPED".
- ALL NON ADOPTABLE LATERALS BENEATH THE HIGHWAY SHALL BE BACK FILLED WITH A TYPE 1 GRANULAR MATERIAL AS CL.803 (MCHW) APPROVED BY THE ENGINEER.
- ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.

- WHERE DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES, A FLEXIBLE PIPE JOINT SHOULD BE PROVIDED TO FORM A ROCKER PIPE IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.
- SHALLOW PRIVATE DRAINS MAY REQUIRE PROTECTION USING CLASS 'Z' CONCRETE SURROUND OR PAVING SLABS BRIDGING THE TRENCH SUBJECT TO THE NHBC INSPECTOR'S REQUIREMENTS.
- WHERE DRAINAGE RUNS PASS CLOSE TO BUILDINGS OR THEIR INVERT LEVELS ARE BELOW FOUNDATION LEVEL, THEN THE TRENCHES ARE TO BE BACK FILLED IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.
- REFERENCE SHOULD BE MADE TO THE STRUCTURAL ENGINEERS DETAILS FOR ALL ASPECTS OF FOUNDATION DESIGN AND CONSTRUCTION.
- THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE. NO DIMENSIONS ARE TO BE SCALED FROM THESE DRAWINGS.
- IT IS THE CONTRACTORS/SUBCONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH THE CURRENT BUILDING REGULATIONS AND CODES OF PRACTICE.
- STUB CONNECTIONS TO ADOPTABLE MANHOLES SHALL BE MADE FROM VITRIFIED CLAY AND CONSIST OF TWO ROCKER PIPES LAID AT THE SAME GRADIENT AS THE UP OR DOWNSTREAM PIPE.
- ALL DOWNPIPES ARE TO BE SEALED, IE CONNECTED DIRECTLY TO THE STORMWATER DRAIN. ACCESS POINTS TO BE PROVIDED 1m ABOVE GROUND LEVEL FOR EXTERNAL RWP'S AND 1m ABOVE FFL FOR INTERNAL RWP'S.
- UNLESS OTHERWISE NOTED OR SIMILAR APPROVED CHANNEL DRAINS TO BE ACO MULTI DRAIN WITH A15 GRATING IN PEDESTRIAN AREAS, C250 IN CAR PARKS AND D400 IN CARRIAGEWAYS. SLOTTED CHANNEL TO BE USED FOR AREAS WITH FALLS <1:15 MESH GRATING TO BE USED WHERE FALLS >1:15.
- GULLY AND CHANNEL DRAIN POSITIONS ARE LIABLE TO AMENDMENT WHEN THE DESIGN LEVELS HAVE BEEN DETERMINED.
- MODULAR GEOCELLULAR STORAGE/SOAKAWAY SYSTEM TO CONFORM TO CIRIA C793 THE SUDS MANUAL, C680 STRUCTURAL DESIGN OF MODULAR GEOCELLULAR DRAINAGE TANKS & C698 SITE HANDBOOK FOR THE CONSTRUCTION OF SUDS. THE MANUFACTURER SHOULD PROVIDE A COMPLETE SET OF INDEPENDENT TEST RESULTS FOR A PROPOSED SYSTEM INCLUDING, AS A MINIMUM, STRESS/STRAIN CURVES FOR VERTICAL AND LATERAL COMPRESSION, AND CREEP TESTS UNDER SUSTAINED LONG-TERM LOADS. A BBA CERTIFICATE IS NOT INDEPENDENT TEST DATA.
- ALL REDUNDANT DRAINAGE TO BE ABANDONED ONCE THE CONTRACTOR HAS SATISFIED HIMSELF THAT NO CONNECTIONS REMAIN LIVE. REDUNDANT DRAINAGE TO BE GRUBBED OUT.
- ALL BELOW GROUND CONCRETE TO ACCORD WITH BS5328:1997:SULPHATE CLASS TBA.
- IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. GENERALLY SUB SOIL DRAINS AFFECTED ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER DRAINAGE SYSTEM. PIPE DIAMETERS AND GRADIENTS ARE TO BE MAINTAINED.

- BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. IN ADDITION THE CONTRACTOR MUST LOCATE AND DETERMINE INVERT LEVELS OF THE EXISTING SPURS TO WHICH CONNECTIONS ARE PROPOSED. ADDITIONAL SPUR/MANHOLE CONNECTIONS ARE TO BE AGREED WITH THE RELEVANT ADOPTING AUTHORITY. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION.
- ROAD REINSTATEMENTS ARE TO BE TO THE HIGHWAY AUTHORITY APPROVAL.
- NO PRIVATE AREAS ARE TO DRAIN ONTO ADOPTABLE AREAS AND VICE VERSA.

NOTES

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Rev.	Date	Description	By



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Client

STONEWATER LTD.

Architect

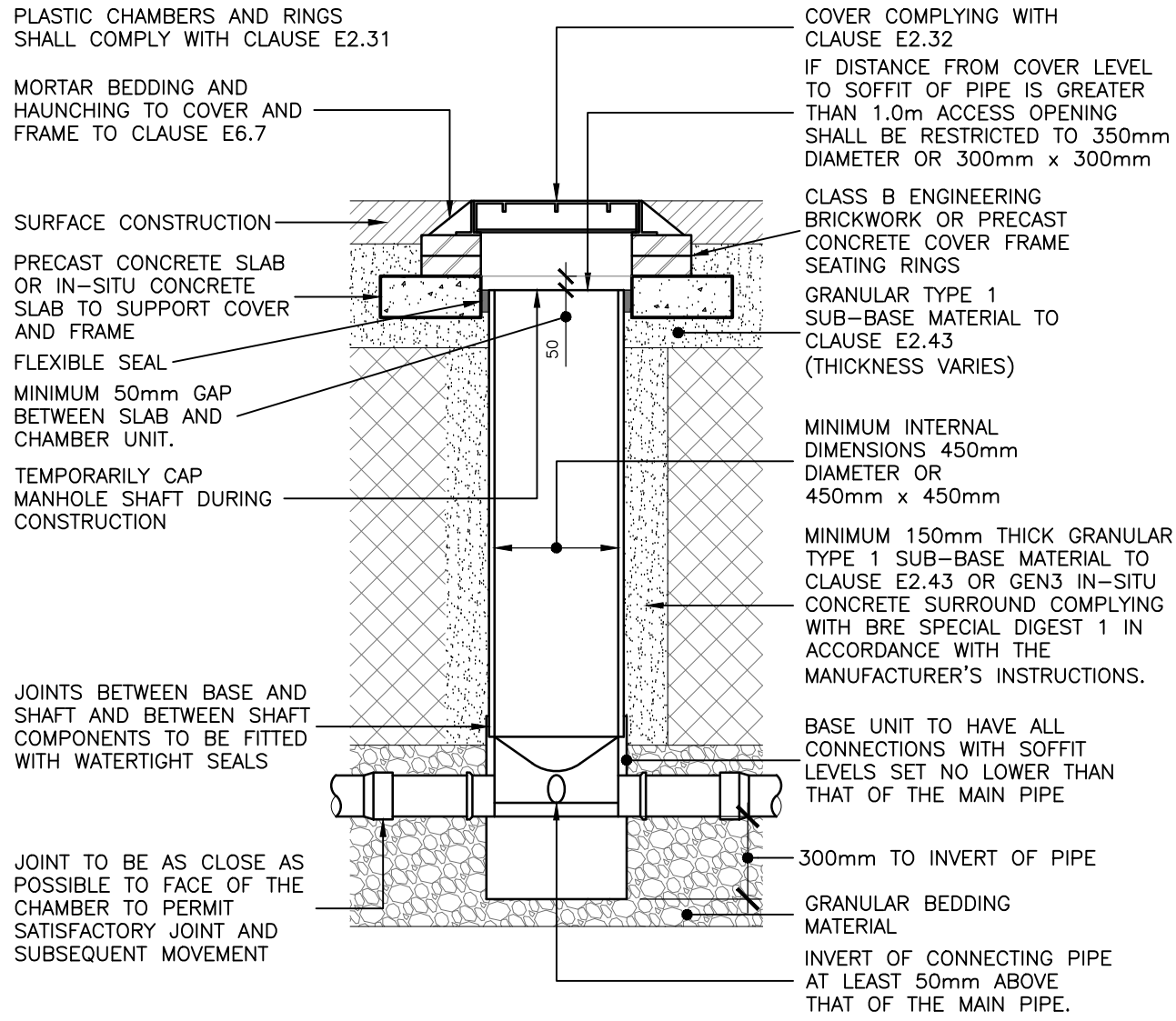
MH ARCHITECTS

Project title

PROPOSED RESIDENTIAL DEVELOPMENT, STOPHAM ROAD, PULBOROUGH.

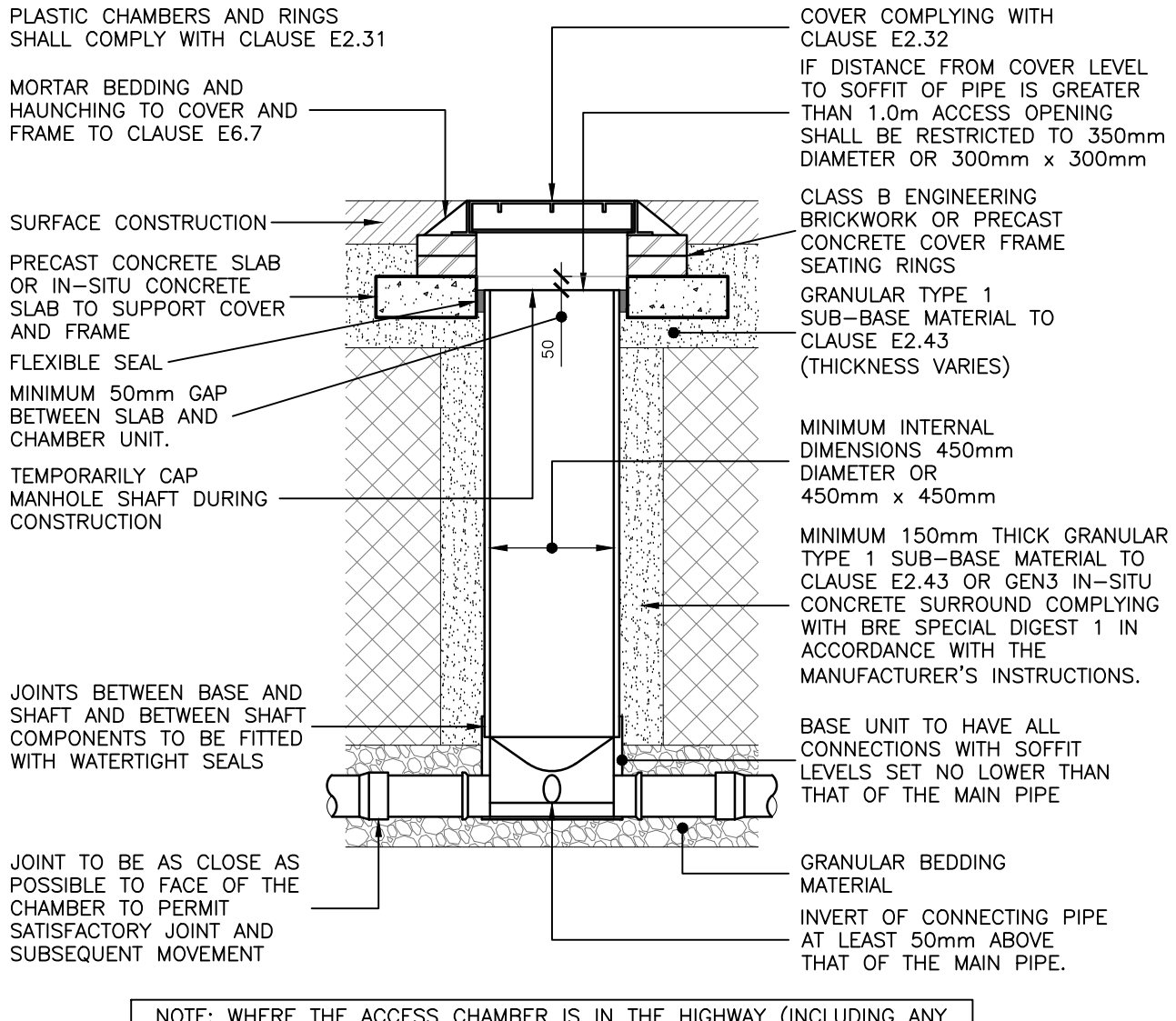
Drawing title
DRAINAGE NOTES.

Scale	Paper size	Date	Drawn by	Checked by	Status
NTS	A1	JUN 2026	TA	CH	S3
Name					
Project code	Originator	Functional	Spatial	Form	Issues
AAL169-AAL		ED	- XX	- LS	- C-5199-P01
Number					
Revision					



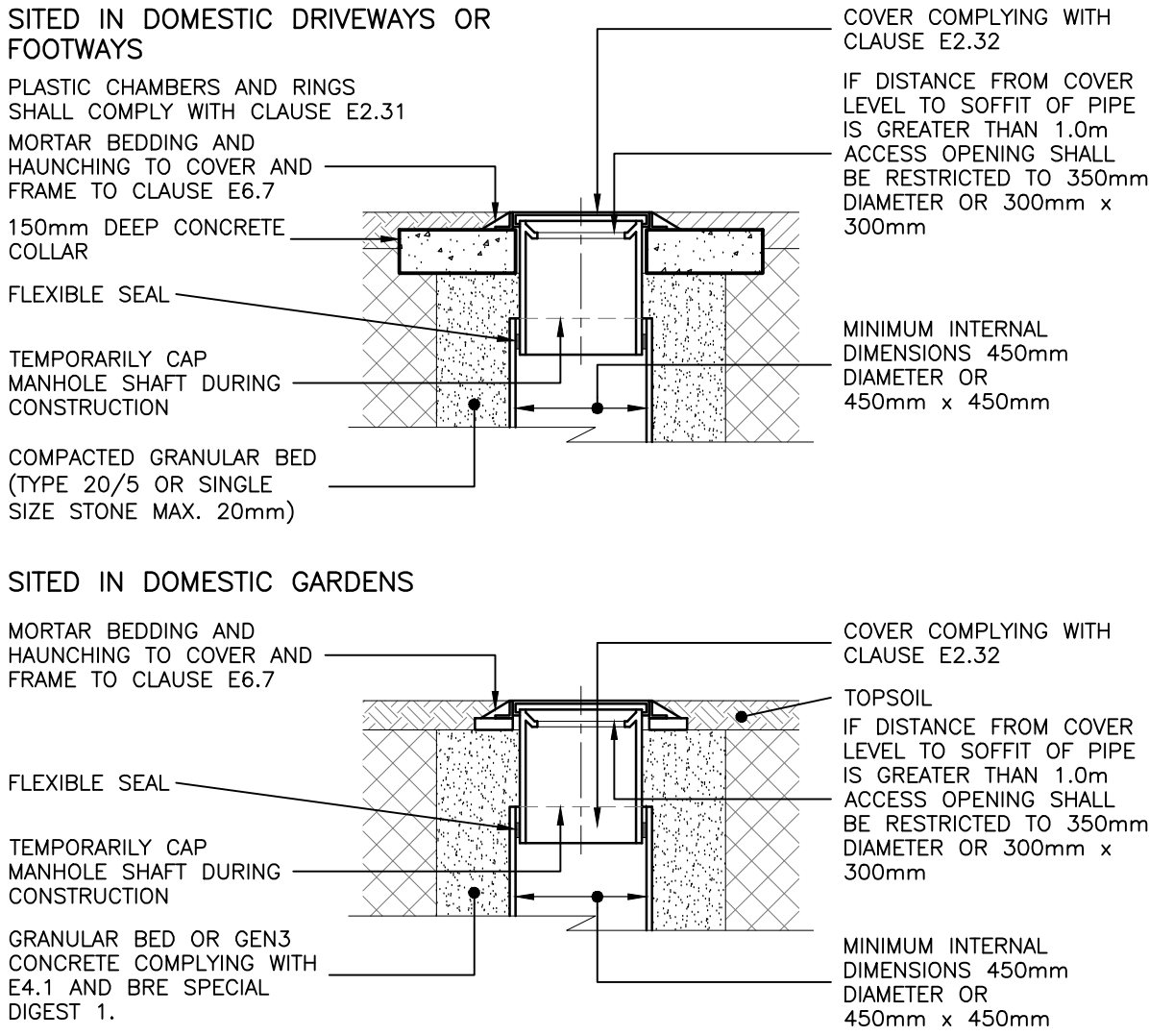
NOTE: WHERE THE ACCESS CHAMBER IS IN THE HIGHWAY (INCLUDING ANY FOOTWAY) THE HIGHWAY AUTHORITY MAY HAVE SPECIFIC REQUIREMENTS

TYPICAL INSPECTION CHAMBER CATCHPIT DETAIL – TYPE D
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE UP TO 3m
FLEXIBLE MATERIAL CONSTRUCTION FOR USE IN AREAS SUBJECT TO VEHICLE LOADING
(SCALE 1:25@A1)

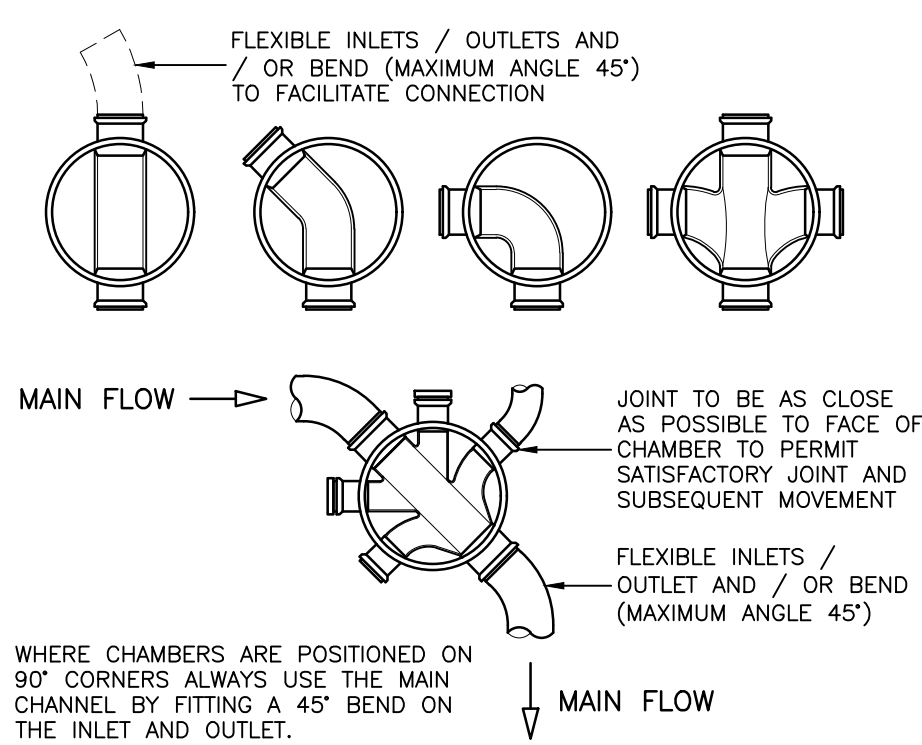


NOTE: WHERE THE ACCESS CHAMBER IS IN THE HIGHWAY (INCLUDING ANY FOOTWAY) THE HIGHWAY AUTHORITY MAY HAVE SPECIFIC REQUIREMENTS

TYPICAL INSPECTION CHAMBER DETAIL – TYPE D
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE UP TO 3m
FLEXIBLE MATERIAL CONSTRUCTION FOR USE IN AREAS SUBJECT TO VEHICLE LOADING
(SCALE 1:25@A1)

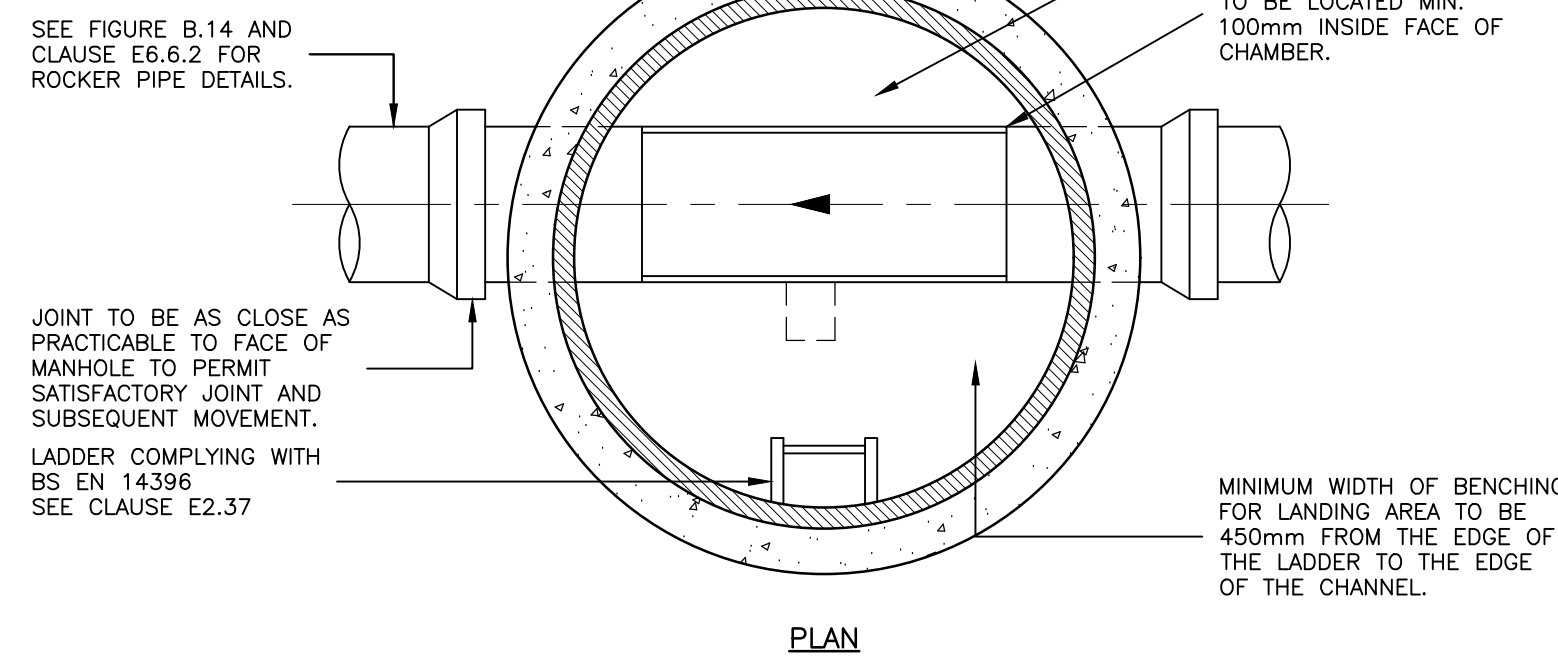
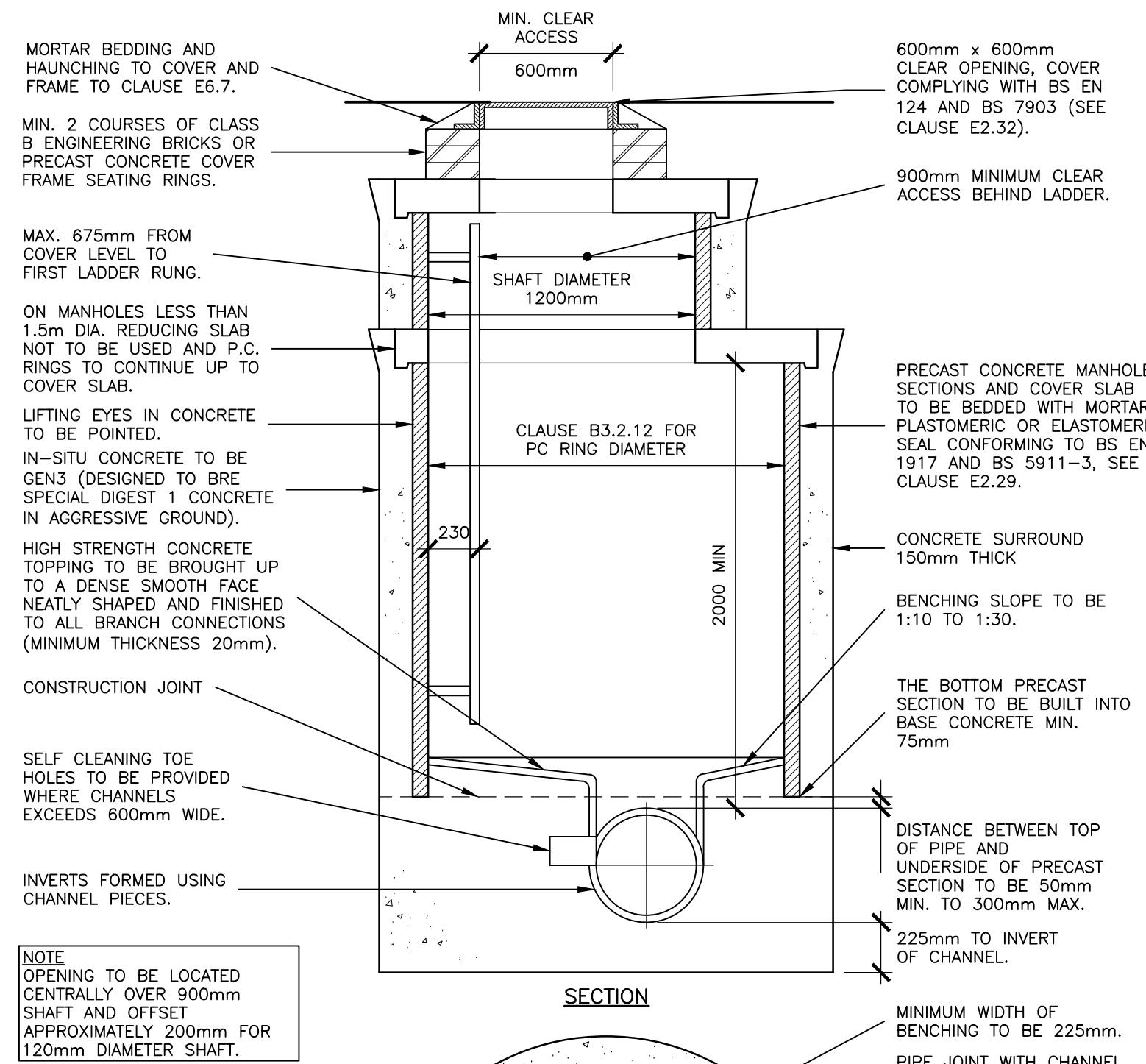


TYPICAL INSPECTION CHAMBER DETAIL – TYPE D
FLEXIBLE MATERIAL CONSTRUCTION ALTERNATIVE TOP DETAILS FOR USE IN AREAS OF LIGHT VEHICLE LOADING AND LANDSCAPED AREAS
(SCALE 1:25@A1)

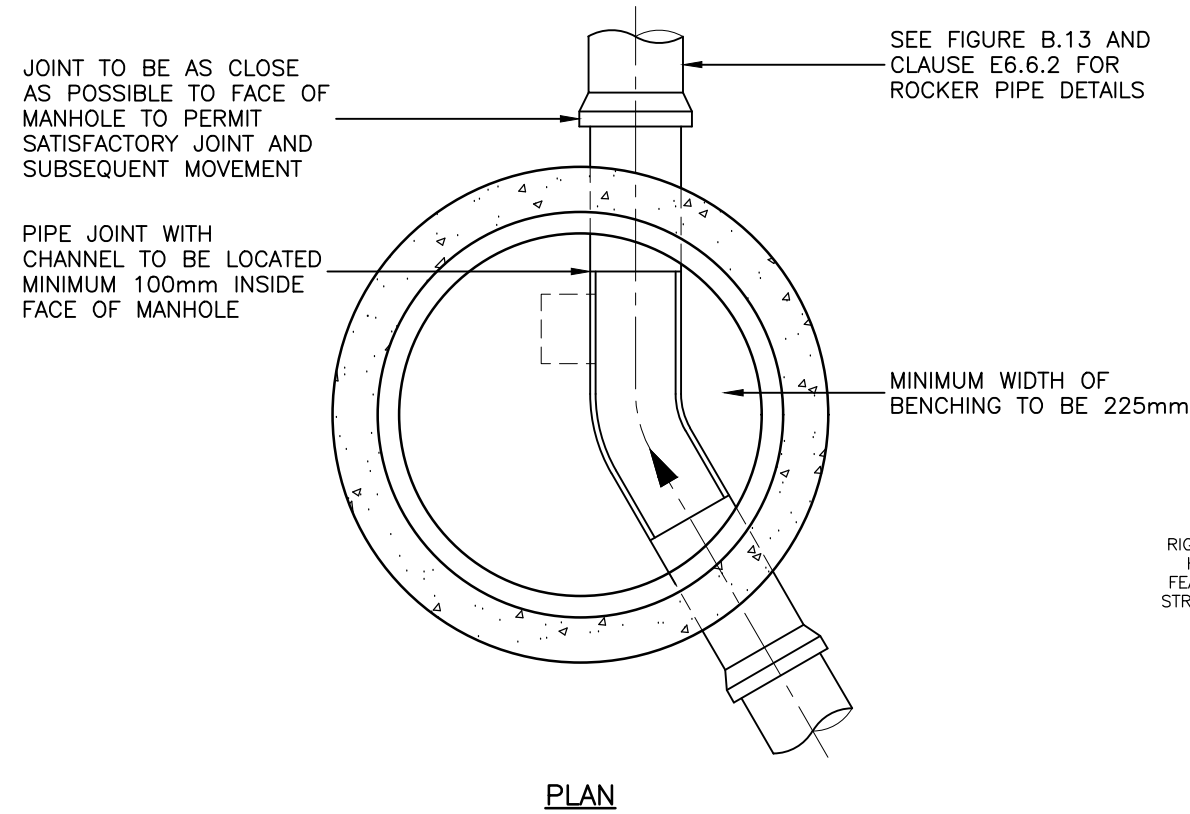
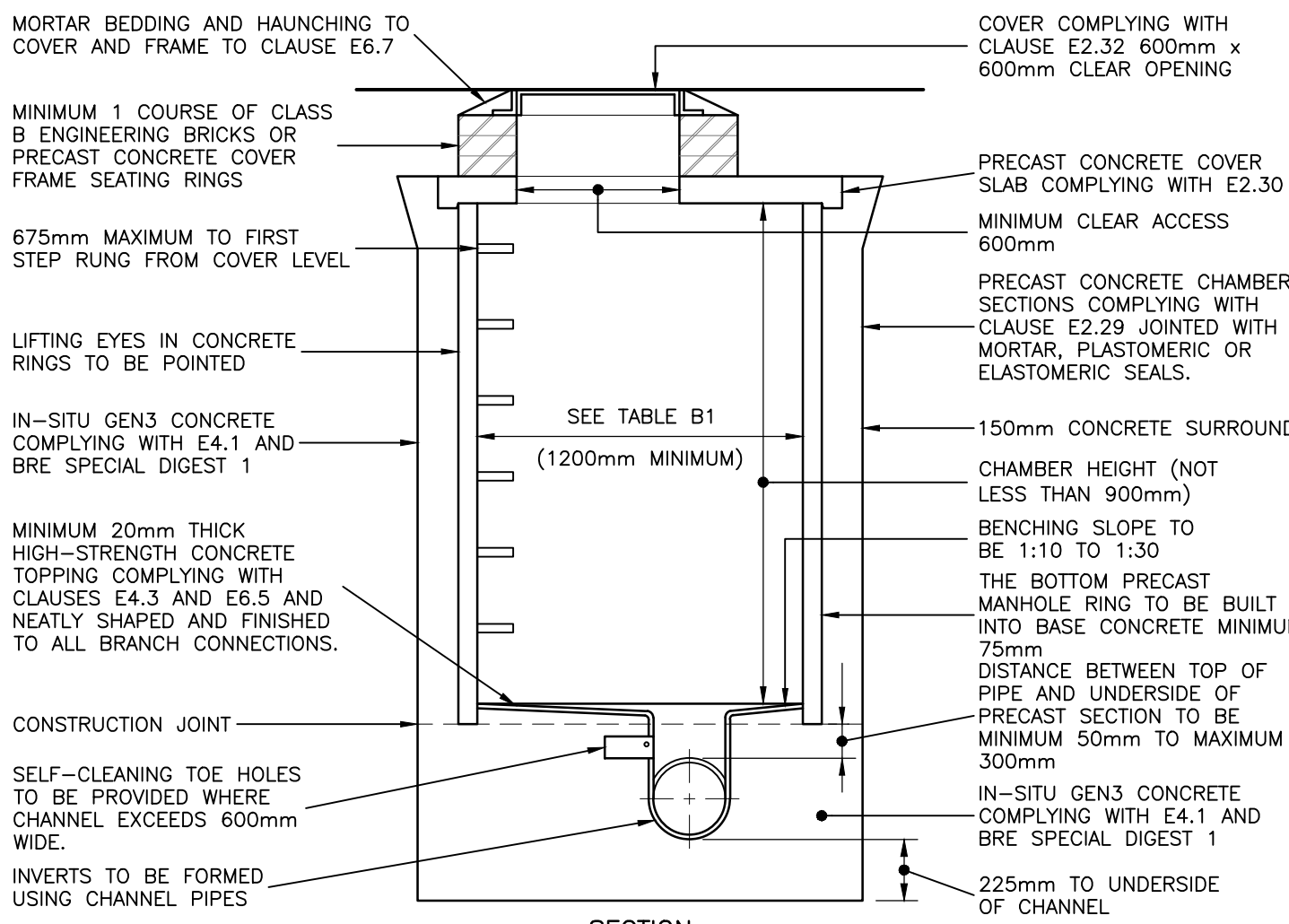


NOTE: WHERE A BEND IS USED IMMEDIATELY OUTSIDE THE MANHOLE, THIS MAY BE USED AS A ROCKER PIPE.

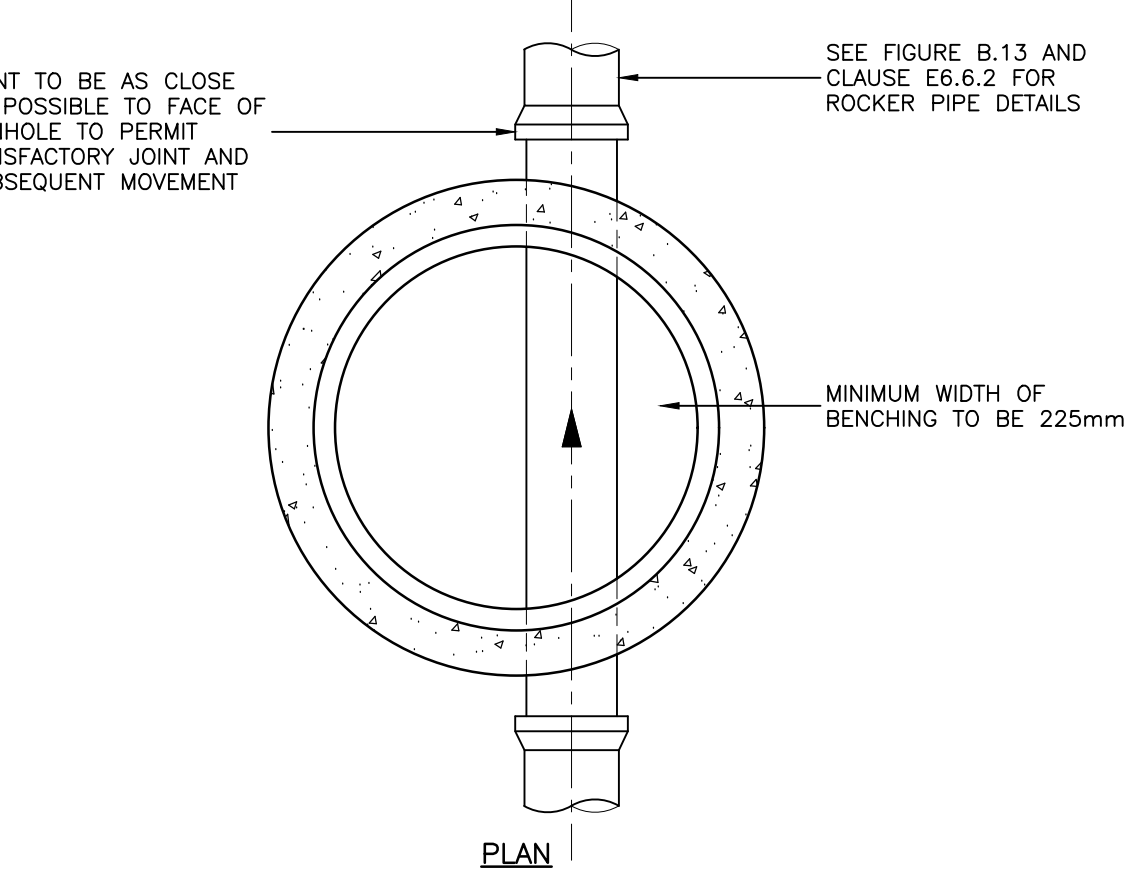
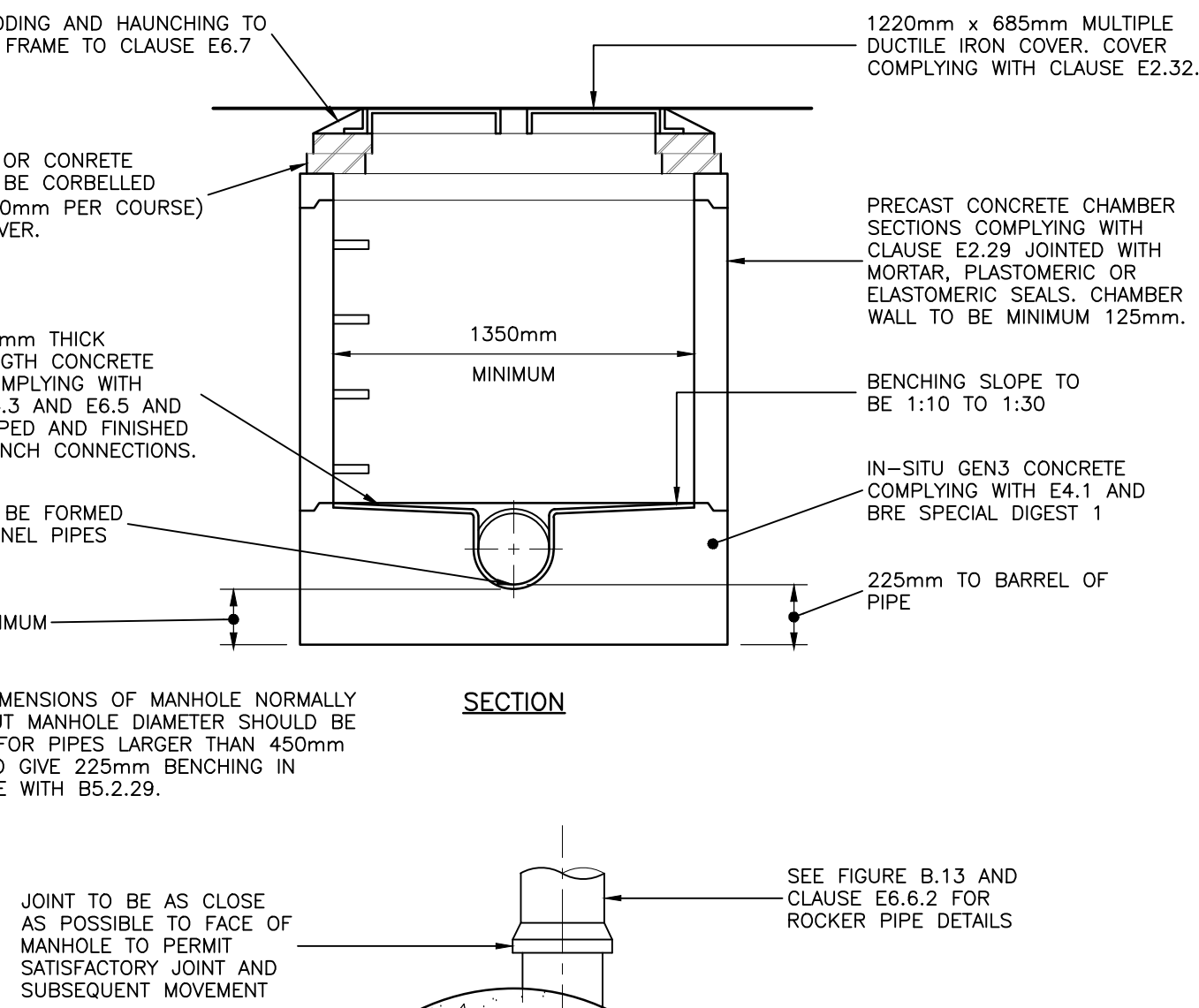
TYPICAL BASE LAYOUTS FOR TYPE D CHAMBERS
(SCALE 1:25@A1)



TYPICAL MANHOLE DETAIL – TYPE A
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3.0m TO 6.0m
(SCALE 1:25@A1)



TYPICAL MANHOLE DETAIL – TYPE B
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 1.5m–3.0m
(RIGID MATERIAL CONSTRUCTION WITH CONCRETE SURROUND)
(SCALE 1:25@A1)



TYPICAL MANHOLE DETAIL – TYPE C
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE LESS THAN 1.5m
(RIGID MATERIAL CONSTRUCTION)
(SCALE 1:25@A1)

NOTES

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GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND DETAILS.
- ALL FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.
- ANY DISCREPANCIES BETWEEN THIS DRAWING AND OTHER INFORMATION IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF THE WORKS ON SITE.
- THE MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR THE SETTING OUT AND ACCURACY OF ALL DIMENSIONS.
- THE CONTRACTOR IS TO ENSURE THE STABILITY AND STRUCTURAL INTEGRITY OF THE EXISTING PROPERTY AT ALL TIMES DURING WORKS AND IS TO BE RESPONSIBLE FOR ALL PROPPING AND SHORING AS REQUIRED.
- MAIN CONTRACTOR TO PROVIDE AND FIX SUITABLE BRACING AND PROPPING FOR ALL ELEMENTS IN THE TEMPORARY CONDITION DURING CONSTRUCTION STAGE, SUCH AS TO ENSURE STRUCTURE STABILITY AT ALL TIMES.
- IT IS THE CONTRACTORS SOLE RESPONSIBILITY FOR ASCERTAINING SAFE DISPOSAL OF ANY OFF-SITE EXCAVATED SPOIL. NO CLAIM RESULTING FROM ABNORMAL TIP REQUIREMENTS WILL BE ENTERTAINED.

KEY TO HEALTH AND SAFETY SYMBOLS

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INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION



INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION



INDICATES A RESIDUAL RISK AS A WARNING



INDICATES A RESIDUAL RISK FOR INFORMATION

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Rev.	Date	Description	By



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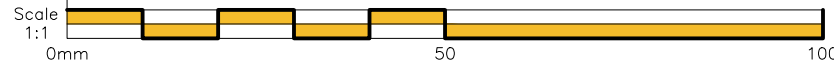
Project title
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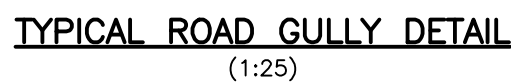
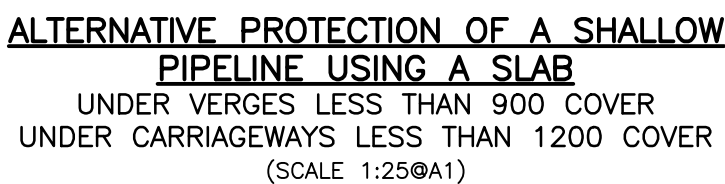
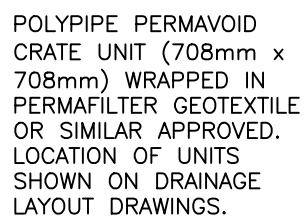
Drawing title
DRAINAGE DETAILS, SHEET 1.

Scale	Paper size	Date	Drawn by	Checked by	Status
AS SHOWN	A1	JUN 2026	TA	CH	S3

Name
Project code
Originator
Functional
Spatial
Form
Issued
Number
Revision

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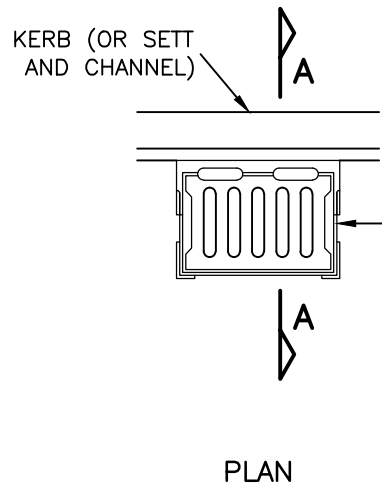
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND DETAILS.
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4. THE MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR THE SETTING OUT AND ACCURACY OF ALL DIMENSIONS.
5. THE CONTRACTOR IS TO ENSURE THE STABILITY AND INTEGRITY OF ALL EXISTING PROPERLY SETTLED AT ALL TIMES DURING WORKS AND IS TO BE RESPONSIBLE FOR ALL PROPPING AND SHORING AS REQUIRED.
6. MAIN CONTRACTOR TO PROVIDE AND FIT SUITABLE BRACING AND PROPPING TO MAINTAIN THE TEMPORARY WORKING CONDITION DURING CONSTRUCTION STAGE, SUCH AS TO ENSURE STRUCTURE STABILITY AT ALL TIMES.
7. IT IS THE CONTRACTORS SOLE RESPONSIBILITY FOR ASCERTAINING THE SAFE DIMENSIONS OF ALL OFF-SITE EXCAVATED SPOIL.
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NOTES

1. ALL DIMENSIONS IN MILLIMETRES
2. ALL DETAILS IN ACCORDANCE WITH SECTIONS 5.57 - 5.61
3. UNTRAPPED GULLY CHAMBER MAY BE EMPLOYED IN CONNECTED TO SURFACE WATER ONLY



MIN 15 TO MAX 35mm THICK
MORTAR BED TO

COVER TO OUTLET PIPE SHALL
BE 600mm MIN FOR MAIN ROAD
LOCATIONS (ie WHERE PIPE IS
UNDER CARRIAGEWAY)

150mm CONNECTION TO SW DR
SYSTEM WITH 150mm CO
SUR

GULLY GRATING AND FRAME TO
COMPLY WITH BS EN124:1994
CLASS D400 CAPTIVE HINGE TYPE
/ WITH NON-ROCK FEATURE SLOT
ORIENTATION TO CONFIRM WITH
TABLE 5 (45-135 DEGREES)

15mm THICK CLASS (i) MORTAR
BACKING FOR GULLEY FRAME
TO CLAUSE 2623

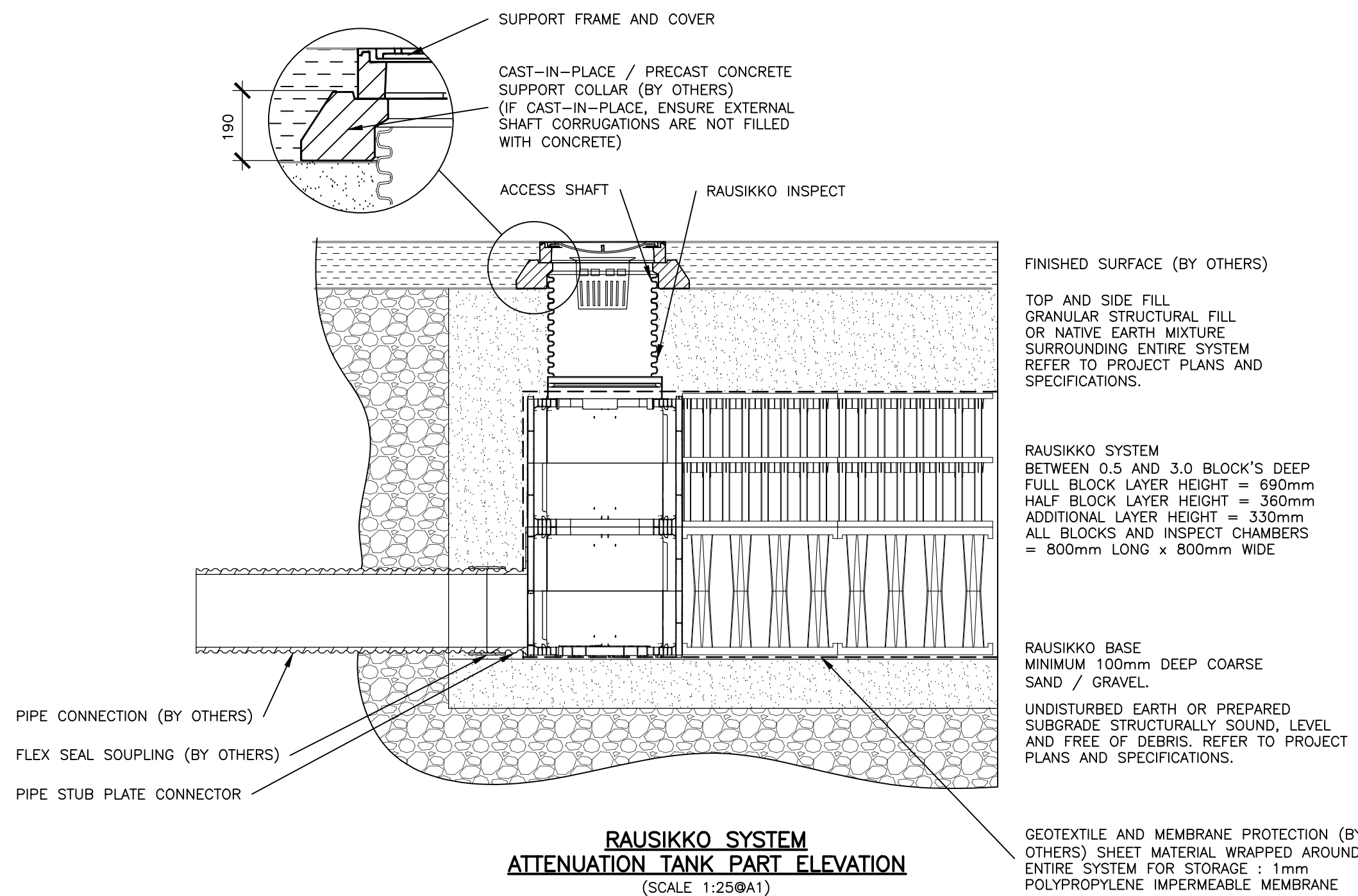
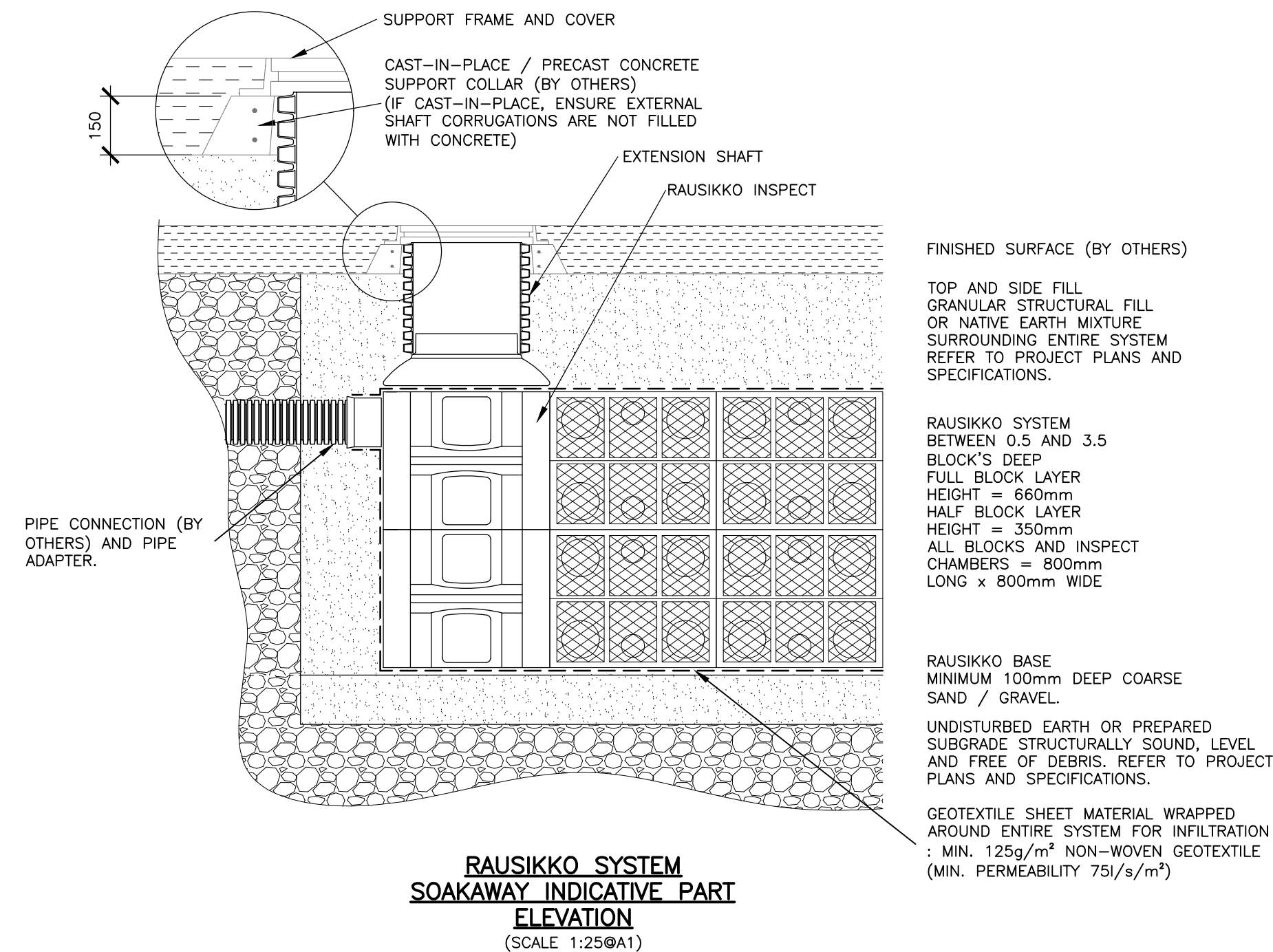
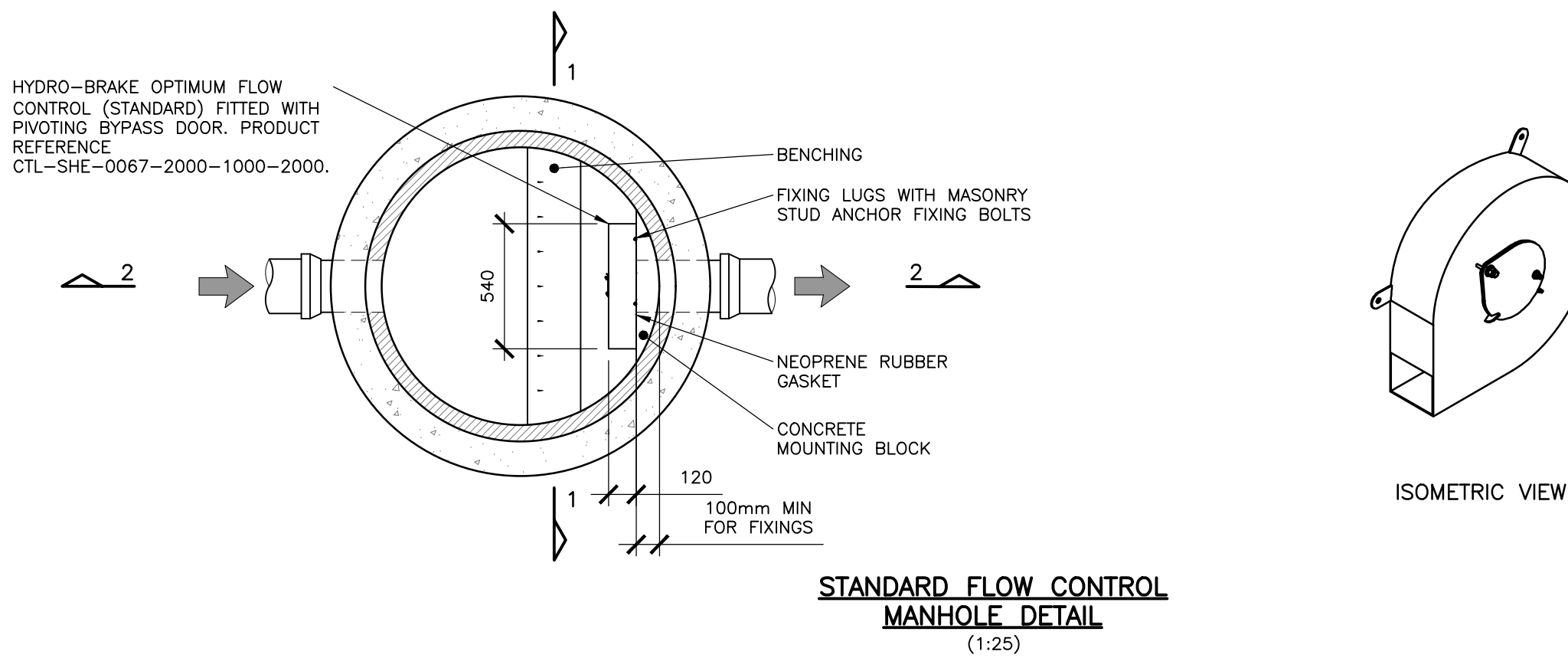
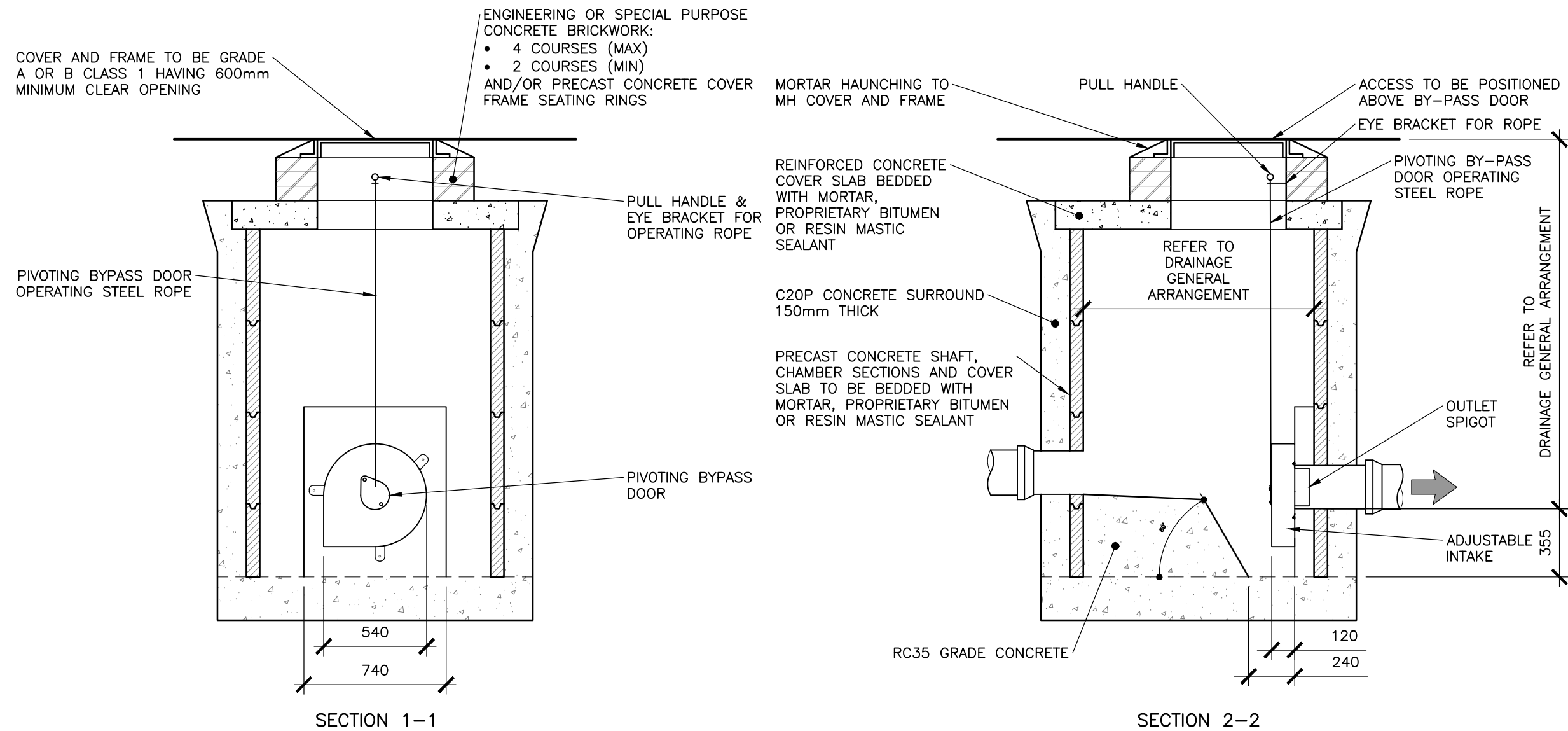
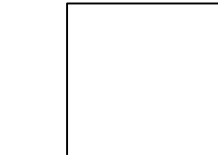
ENGINEERING BRICKWORK TO
BS3921 IN CLASS (i) MORTAR
(SEE BOXED NOTE)

450x900mm DEEP SEAL PRECAST TRAPPED
AND RODDABLE GULLY POT; CONCRETE TO
BS 5911. VITRIFIED CLAY TO BS 65.
PLOYPROPYLENE TO ENGINEERS APPROVAL.
ALKATHENE TO ENGINEERS APPROVAL.

150mm THICK ST2 CONCRETE BED

150mm DIA OUTLET WITH
SEALING PLUG ON CHAIN

[illegible]



NOTES

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STONewater

Architect
MH ARCHITECTS LTD

Project title

PROPOSED RESIDENTIAL DEVELOPMENT, STOPHAM ROAD, PULBOROUGH.

Drawing title
DRAINAGE DETAILS, SHEET 3.

Scale	Paper size	Date	Drawn by	Checked by	Status
AS SHOWN	A1	JUN 2026	TA	CH	S3

Name

Project code

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