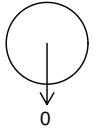
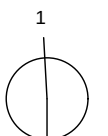
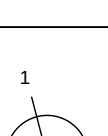
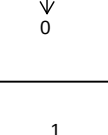
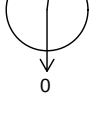
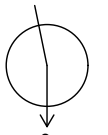
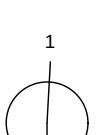
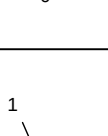
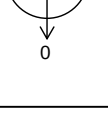
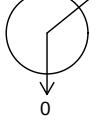
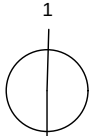
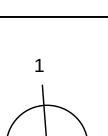
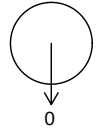
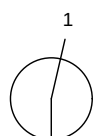
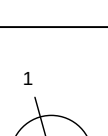
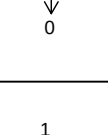
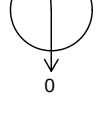
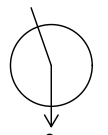
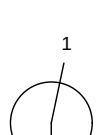
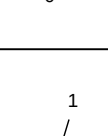
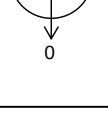
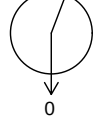
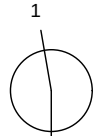
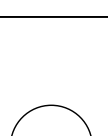
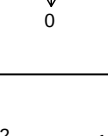
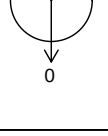
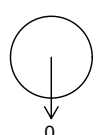
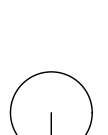
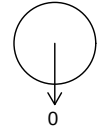
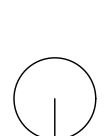
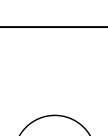
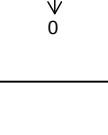
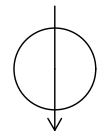
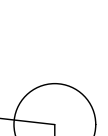
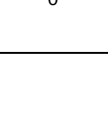
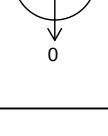
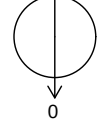
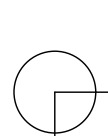


Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
S1	23.422							
E. 448836.267	1.288					1500	TYPE 3	D400
N. 116138.615			0 1.000	21.459	675			
S2	23.503		1 1.001	21.306	675			
E. 448837.982	1.522					1500	TYPE 2	D400
N. 116169.190			0 1.002	21.306	675			
S3	23.544		1 1.004	20.681	675			
E. 448847.683	2.187					1500	TYPE 2	D400
N. 116290.483			0 1.005	20.681	675			
S4	22.413		1 1.005	20.289	675			
E. 448819.289	1.449					1500	TYPE 2	D400
N. 116363.854			0 1.006	20.289	675			
S5	21.945		1 1.006	20.070	675			
E. 448803.497	1.200					1800	TYPE 3	D400
N. 116393.185			0 1.007	19.995	750			
S6	21.918		1 1.007	19.815	750			
E. 448793.244	1.353					1800	TYPE 3	D400
N. 116427.662			0 1.008	19.815	750			
S7	22.084		1 1.008	19.543	750			
E. 448774.860	1.791					1800	TYPE 2	D400
N. 116478.954			0 1.009	19.543	750			
S8	21.235		1 1.009	19.283	750			
E. 448778.125	1.202					1800	TYPE 3	D400
N. 116525.858			0 1.010	19.283	750			
S9	21.125		1 1.010	19.159	750			
E. 448759.986	1.216					1800	TYPE 3	D400
N. 116542.769			0 1.011	19.159	750			
S1A	23.477		1 1.000	21.408	675			
E. 448836.321	1.394					1800	TYPE 3	D400
N. 116148.811			0 1.001	21.408	675			
S2A	24.142		1 1.002	21.085	675			
E. 448844.090	2.382					1500	TYPE 2	D400
N. 116212.987			0 1.003	21.085	675			
S2B	23.774		1 1.003	20.733	675			
E. 448853.278	2.366					1500	TYPE 2	D400
N. 116282.699			0 1.004	20.733	675			

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
S10	20.400							
E. 448772.025	1.200					1200	M5 HCC11/D/065	D400
N. 116569.574			0 1.000	18.900	300			
S11	19.694		1 1.000	18.194	300			
E. 448751.033	1.200					1350	M5 HCC11/D/065	D400
N. 116598.871			0 1.001	18.194	300			
S12	19.466		1 1.001	17.849	300			
E. 448709.651	1.317					1350	M5 HCC11/D/065	D400
N. 116635.352			0 1.002	17.849	300			
S13	19.246		1 1.002	17.555	300			
E. 448683.986	1.391					1200	M5 HCC11/D/065	D400
N. 116674.679			0 1.003	17.480	375			
S14	19.047		1 1.003	17.032	375			
E. 448648.179	1.640					1350	M2Y HCC11/D/045	D400
N. 116736.685			0 1.004	17.032	375			
S15	18.605		1 1.004	16.589	375			
E. 448634.997	1.641					1350	M2Y HCC11/D/045	D400
N. 116806.401			0 1.005	16.589	375			
S16	18.100		1 1.005	16.272	375			
E. 448615.507	1.453					1200	M5 HCC11/D/065	D400
N. 116853.377			0 1.006	16.272	375			
S17	17.672		1 1.006	15.992	375			
E. 448587.176	1.305					1350	M2Y HCC11/D/045	D400
N. 116888.111			0 1.007	15.917	450			
S18	17.835		1 1.007	15.615	450			
E. 448545.392	1.770					1350	M2Y HCC11/D/045	D400
N. 116912.303			0 1.008	15.615	450			
S19	18.068							
E. 448530.876	1.942					1200	M2Z HCC11/D/045	D400
N. 116932.268			0 2.000	15.901	225			
S20	18.296		1 1.008	15.470	450			
E. 448525.633	2.376		2 2.000	15.695	225			
N. 116928.827			0 1.009	15.470	450			
ST1	23.78							
E. 448836.658	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116198.385			0 -	22.655	225			
ST2	23.730							
E. 448836.821	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116282.235			0 -	22.605	225			
ST3	23.07							
E. 448836.793	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116330.073			0 -	21.945	225			
ST4	22.20							
E. 448804.667	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116375.643			0 -	21.065	225			
ST5	21.97							
E. 448796.367	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116429.725			0 -	20.834	225			

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
ST6	21.960							
E. 448768.543	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116499.377			0 -	20.835	225			
ST7	22.070							
E. 448778.102	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116485.303			0 -	20.945	225			
ST8	19.70							
E. 448745.391	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116593.647			0 -	18.575	225			
ST9	17.736							
E. 448566.584	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116893.783			0 -	16.611	225			

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
ST30	23.70				150			
E. 448850.681	1.175					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116216.712			0 -	22.375	150			
ST31	22.94				150			
E. 448840.891	0.590					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116153.736			0 -	22.200	150			
ST32	19.00				17.000 17.00	225 225		
E. 448657.797	1.775					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116707.065			0 -	17.090	225			
ST33	19.68				18.320	225		
E. 448578.142	1.135					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116860.636			0 -	18.320	225			
ST34	18.07				16.945	225		
E. 448514.525	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116912.992			0 -	16.945	225			
ST35	17.60				16.475	225		
E. 448491.791	0.900					1200	C1A HCC11/D/040	AS PER HCC11/D/040
N. 116896.81			0 -	16.475	225			

DESIGN PENDING
APPROVAL UNDER
S38 /S104

NOTES

- THIS DRAWING IS COPYRIGHT.
- THE CONTRACTOR AND HIS SUBCONTRACTOR ARE TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO MAKING SHOP DRAWINGS OR COMMENCING MANUFACTURE.
- DO NOT SCALE THIS DRAWING. THE CONTRACTOR IS TO BRING TO THE NOTICE OF THE ENGINEER ANY DISCREPANCIES CONTAINED IN THIS DRAWING PRIOR TO WORK COMMENCEMENT.
- ALL 150mm AND 225mm DIAMETER PIPES TO BE EXTRA STRENGTH VITRIFIED CLAY PIPES (SEE NOTE 15).
- ALL PIPES OF 300mm DIAMETER OR GREATER TO BE CLASS M CONCRETE.
- ALL PIPE MATERIALS TO BE CONSISTENT BETWEEN MANHOLES.
- ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH DESIGN AND CONSTRUCTION GUIDANCE(DCG)/SEWER FOR ADOPTION 7TH, HAMPSHIRE COUNTY COUNCIL STANDARDS (FOR HIGHWAY DRAINAGE ONLY) AND THE SPECIFICATION FOR HIGHWAY WORKS 1998 AND ALL SUBSEQUENT AMENDMENTS. WHERE THERE IS CONFLICT BETWEEN THESE DOCUMENTS THE MATTER SHALL BE REFERRED TO THE ENGINEER.
- FOR CONSTRUCTION DETAILS OF MANHOLES AND SEWERS REFER TO DESIGN AND CONSTRUCTION GUIDANCE/SEWERS FOR ADOPTION 7TH, HCC STANDARD DETAILS(FOR SEWERS ADOPTED BY HCC HIGHWAYS) AND UNDERTAKERS STANDARD DETAILS WHICH CAN BE OBTAINED FROM THE LOCAL OFFICE FOR SEWERS ADOPTED BY SOUTHERN WATER
- INVERT LEVELS OF EXISTING SEWERS TO BE CONFIRMED ON SITE BEFORE ANY SEWER WORK UNDERTAKEN. ANY DISCREPANCIES FOUND SHOULD BE NOTIFIED TO ENGINEERS.
- WHERE SEWERS HAVE LESS THAN 1.2m OF COVER UNDER ROADS AND 0.9m COVER ELSEWHERE PIPES ARE TO HAVE A 150mm CONCRETE BED AND SURROUND.
- PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 13598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL, TO TABLE 11 OF APPROVED DOCUMENT H1 OF THE BUILDING REGULATIONS 2010.
- ALL BELOW GROUND DRAINAGE TO BE 150mmØ UNLESS OTHERWISE INDICATED WITH A MIN. GRADIENT AS FOLLOWS:--

S.W : 150mm Dia. 1:150
- ALL ADOPTABLE DRAINAGE MATERIALS SHOULD COMPLY WITH THE REQUIREMENTS OF PART E CIVIL ENGINEERING SPECIFICATION INCLUDED WITH CGO/SEWERS FOR ADOPTION 7TH EDITION WHICH IS DRAWN FROM CESWI 7TH EDITION BUT IS NOT A FULL REPRODUCTION AND OR HAMPSHIRE COUNTY COUNCIL REQUIREMENTS.
- JETTING OF NEW DRAINAGE RUNS MUST BE CARRIED OUT AT END OF CONTRACT, IN ORDER TO ENSURE ALL NEW PIPE-WORK IS FREE OF DEBRIS AND FREE RUNNING

HEALTH & SAFETY:

ALL WORKS TO BE CARRIED OUT BY A CONTRACTOR COMPETENT TO UNDERTAKE THE CONSTRUCTION OF WORKS AS INDICATED ON THIS DRAWING. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE JOB SPECIFIC RISK ASSESSMENT. THE HAZARDS NOTED ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.

T2	MANHOLES S1 TO S3 DETAILS AMENDED	05/10/22	PN
T1	MANHOLES S1A, S2A AND S2B ADDED	16/09/22	PN
Rev.	Description	Date	Initial

Drawing Status: TENDER

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