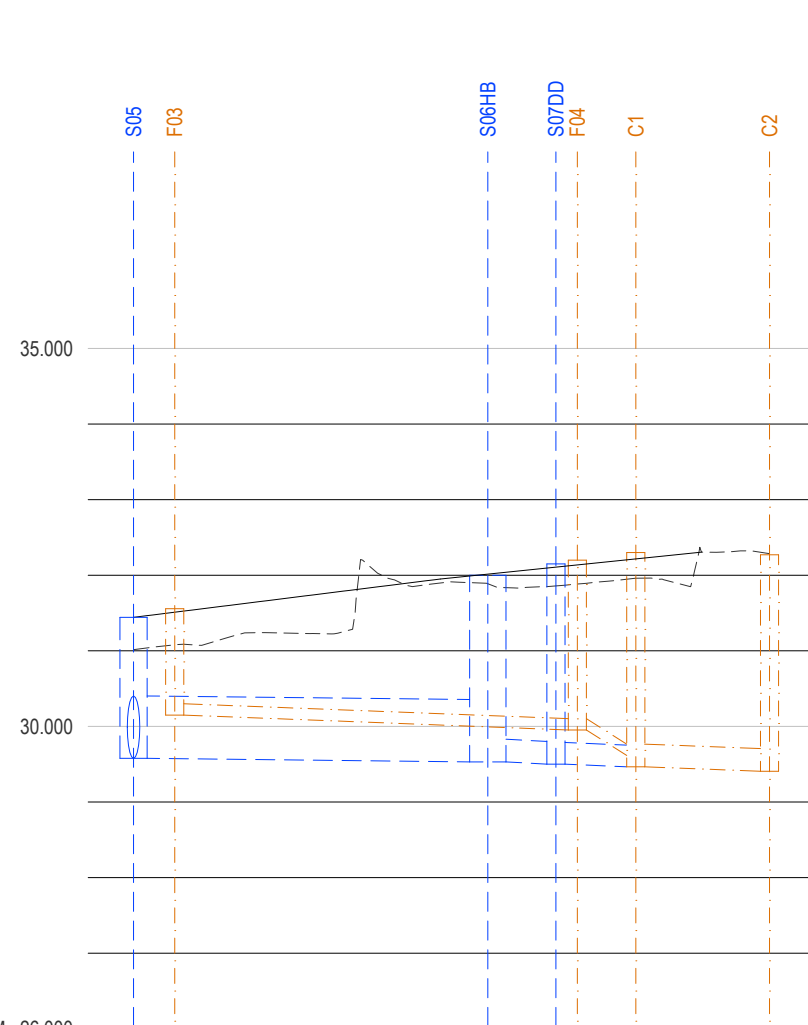
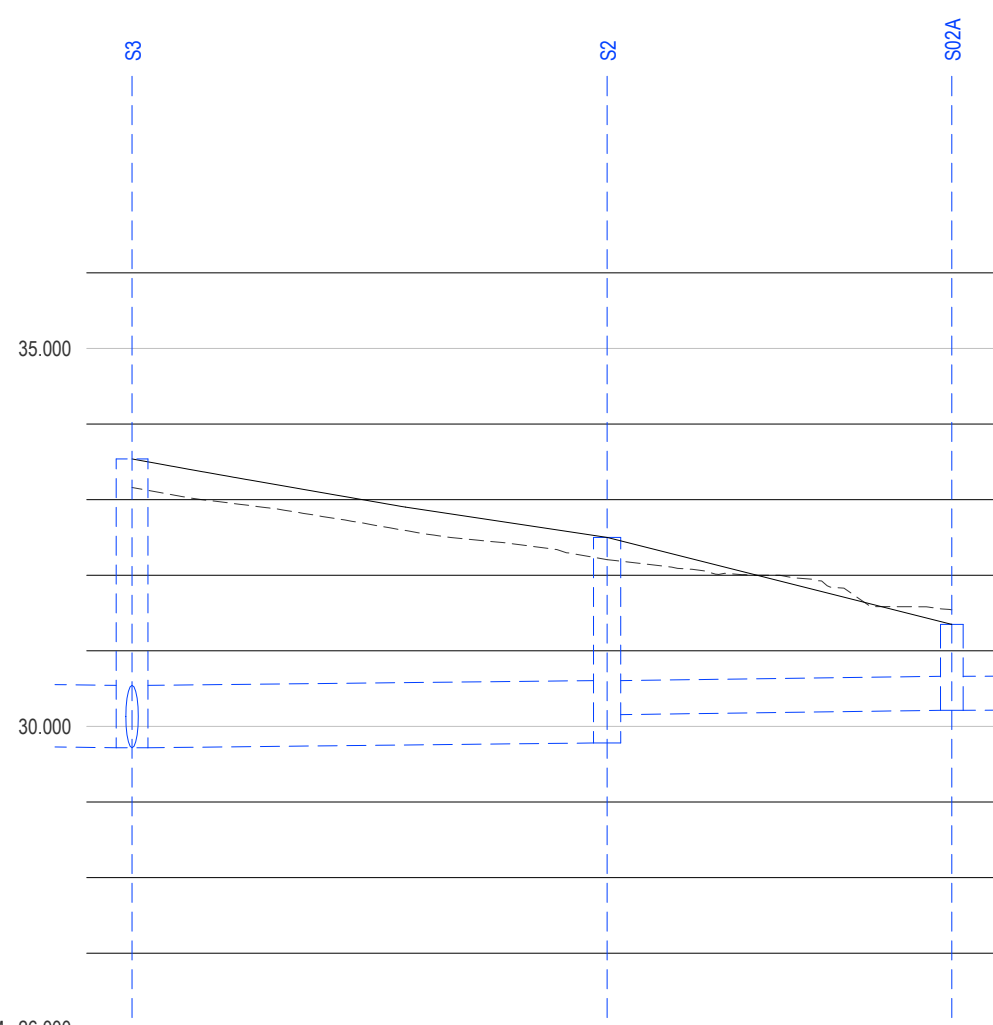




S05-S07 & F03-C2		DATUM 26.000			
GROUND LEVEL	31015	31235	31980	31885	32320
STORMWATER COVER LEVEL	31443		32000	32150	32350
STORMWATER INVERT	29.569		29.520 29.520 29.490	29.490	29.455
STORMWATER DETAILS		Pipe 1.005 Dia 825 Circular CCNC 1 in 516.9	Pipe 1.005 Dia 300 UPVC 1 in 150.2	Pipe 1.007 Dia 300 UPVC 1 in 150.2	
STORMWATER LENGTHS		25.330	4.513	5.257	
FOULWATER COVER LEVEL	31158		32210	32350	32270
FOULWATER INVERT	30.150		29.939 29.939 29.895	29.895	29.407
FOULWATER DETAILS		Pipe 1.002 Dia 150 Circular UPVC 1 in 135	Pipe 1.003 Dia 150 Circ UPVC 1 in 13	Pipe 1.004 Dia 300 Circ UPVC 1 in 150	
FOULWATER LENGTHS		28.418	4.354	7.174	



S3-S02A		DATUM 26.00	
GROUND LEVEL	33.161	33.862	33.500
			32.295
			32.013
			31.994
STORMWATER COVER LEVEL	33.338		32.300
			31.350
STORMWATER INVERT	29.708		29.770
			30.145
			30.200
			30.220
STORMWATER DETAILS		Pipe 1.002 Dia 825 Circular CONC 1 in 501.5	Pipe 1.001 Dia 450 Circular CONC 1 in 430.4
			Pipe 1.000 Dia 450 Circular CONC 1 in 150
STORMWATER LENGTHS		31.093	23.674
			3.0

1. ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BEST PRACTICE DESIGN AND CONSTRUCTION GUIDANCE FOR FOGH AND SURFACE WATER SEWERS OFFERED FOR ADOPTION AND THE ADOPTING WATER AUTHORITY/SEWERAGE AGENCY REQUIREMENTS AND SPECIFICATIONS.
2. ALL PRIVATE DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS.
3. CONTRACTOR TO ESTABLISH POSITION SIZE AND DEPTH OF ALL EXISTING SEWERS AND SERVICES PRIOR TO COMMENCEMENT ON SITE.
4. THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT, AND TEMPORARY AND PERMANENT DIVERSION WORKS AS NECESSARY TO ALL EXISTING SERVICES.
5. THE CONTRACTOR SHALL ALLOW FOR ALL TRAFFIC MANAGEMENT IN CONNECTION WITH ROAD AND SEWER WORKS.
6. THE CONTRACTOR SHALL ALLOW FOR KEEPING SEWER TRENCHES AND EXCAVATIONS AS DRY AS PRACTICABLE BY PUMPING FROM TEMPORARY SUMPS AND DRAINING AS APPROPRIATE. THE POINT AND METHOD OF DISCHARGE TO BE AGREED WITH THE DRAINAGE AUTHORITY.
7. PIPES UP TO AND INCLUDING 300mmØ TO BE UNPLASTICISED PVC. PIPES 375mmØ AND GREATER TO BE CONCRETE CLASS H.
8. ALL PIPEWORK TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.
9. INSITU AND PRECAST CONCRETE UNITS SHALL HAVE SULPHATE RESISTING PORTLAND CEMENT TO BS 4027, UNLESS AGREED OTHERWISE WITH THE ADOPTING AUTHORITY.
10. PRECAST CONCRETE PRODUCTS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS 5911 AND BE KITEMARKED. CONCRETE PIPES TO BE CLASS H UNLESS NOTED OTHERWISE.
11. MANHOLE COVERS AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN124, HAVE MINIMUM 675 x 675 CLEAR OPENINGS WITH 150 DEEP FRAMES UNLESS OTHERWISE NOTED. ALL MANHOLE COVERS AND FRAMES TO BE OF A NON-CLIPPING DESIGN WITHOUT CUSHION INSERTS AND BE KITEMARKED. LOAD CLASS D400 IN VEHICULAR TRAFFICKED AREAS AND LOAD CLASS B125 IN FOOTWAYS AND PEDESTRIAN AREAS.
12. GULLY GRATES AND FRAMES SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN124 AND BE OF A NON-CLIPPING DESIGN WITH CAPTIVE HINGE ACCESS AND BE KITEMARKED. LOAD CLASS D400 FOR ROADS REGULARLY CARRYING FAST MOVING HEAVY VEHICLES. CLASS C250 TO BE USED IN LESSER TRAFFICKED AREAS E.G. ESTATE ROADS, CUL-DE-SACS, RESIDENTIAL CAR PARKING AREAS ETC.
13. GULLY BEDDING DETAIL SHALL BE PROVIDED WHERE COVER TO THE PIPE BENCH IS LESS THAN 100mm. DETAIL TO BE IDENTICAL TO THAT SHOWN ELSEWHERE. TO ALL ROAD GULLY CONNECTIONS AND WITHIN AREAS OF DEEP ROOTING VEGETATION.
14. WHERE CLASS 2 TRENCH BEDDING DETAIL IS USED, THE CONCRETE BED AND SURROUND SHALL BE DISCONTINUED AT EACH PIPE JOINT OVER THE FULL CROSS SECTION BY MEANS OF A SHAPED COMPRESSIBLE FILLER.
15. BACKFILLING AND REINSTATEMENT TO TRENCHES IN PUBLIC HIGHWAYS SHALL BE TYPE 1 GRANULAR MATERIAL. IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE ADOPTING AUTHORITY. OR, IN THE ABSENCE OF SUCH, IN ACCORDANCE WITH THE REQUIREMENTS OF "THE STREET WORKS REGULATIONS 1992" AND RELEVANT PROVISIONS OF H.A.U.C. "SPECIFICATION FOR THE REINSTATEMENT OF OPENINGS IN HIGHWAYS" JUNE 1992, BOTH UNDER SECTION 7.1 OF THE NEW ROADS AND STREET WORKS ACT 1991.
16. ALL ROAD GULLIES ARE TO BE TRAPPED GULLIES. ALL GULLY LEADS TO BE 150mm DIAMETER. ALL ROAD GULLY LEADS TO LEADS TO BE CLEARED OF DEBRIS UPON COMPLETION OF WORKS.
17. ALL REDUNDANT EXISTING DRAINAGE TO BE GRUBBED UP OR GROUTED, ANY EXISTING LIVE DRAINAGE SHOULD BE REPORTED TO THE ENGINEER AND RECONNECTED.
18. THE CONTRACTOR MUST ENSURE THAT ANY OF THE EXISTING DRAINAGE WHICH IS LIVE IS KEPT CLEAR OF DEBRIS AND SHOULD ALLOW FOR JETTING THROUGH THE NEW & EXISTING DRAINAGE UPON COMPLETION.
19. CONTRACTOR TO TAKE MEASURES TO PROTECT HIS OPERATIVES WITH RESPECT TO THE PRESENCE OF GAS IN SEWER TRENCHES AND MANHOLES THROUGH THE USE OF GAS MONITORING EQUIPMENT AND BREATHING APPARATUS AS REQUIRED.
20. CONTRACTOR TO APPLY FOR SEWER PERMITS AND ROAD OPENING PERMITS AS NECESSARY FROM THE APPROPRIATE AUTHORITIES, PRIOR TO COMMENCING WORKS.

SUBJECT TO THE APPROVAL OF
ALL RELEVANT AUTHORITIES

P03	S03-S02 AMENDED	19/01/24	MP	-- --
P02	C1,S06 & S07 RELOCATED.	20/12/23	MP	-- --
P01	INITIAL ISSUE	23/11/23	MP	-- --
Rev.	Revision Notes	Date	Drawn By	Checked Approve

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CLIENT

LOVELL

PROJECT

MILL LANE
WHITBURN

TITLE
ROAD AND SEWER SECTIONS
OUTFALLS

HYDROCK PROJECT NO. C-29128	SCALE @ A1 H1:500 V1:100
STATUS DESCRIPTION SUITABLE FOR INFORMATION	STATUS S2
DRAWING NO. 29128-HYD-XX-XX-DR-C-5001	REVISION P03