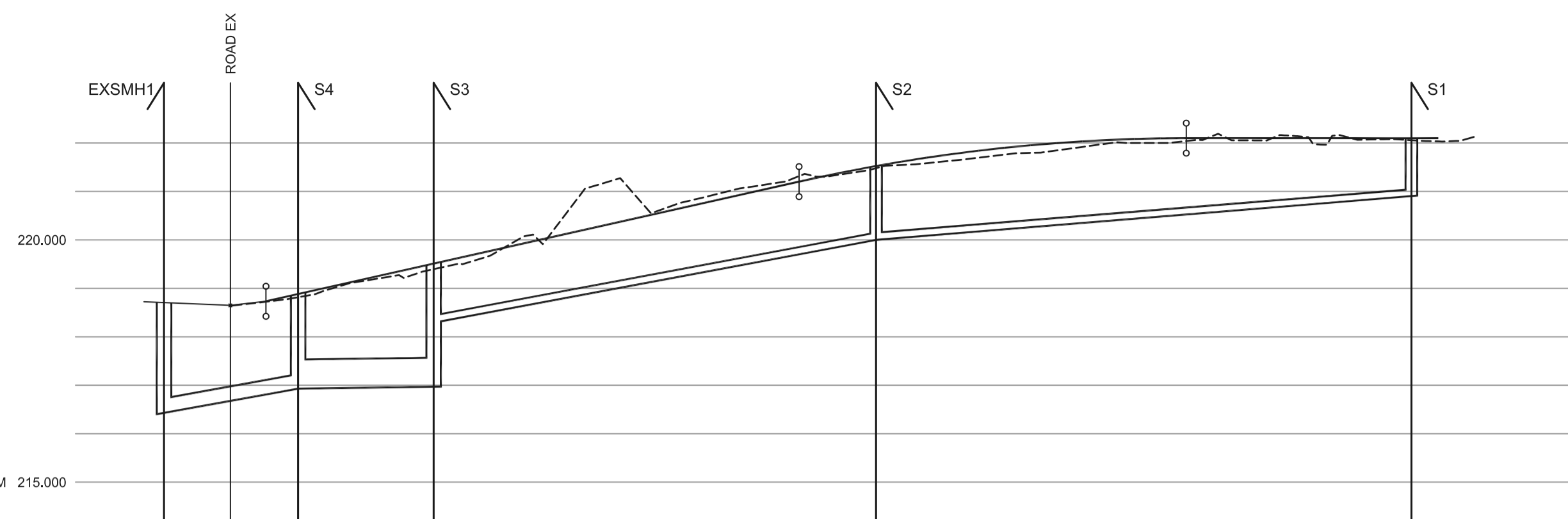


NOTES
 CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK ON SHOP DRAWINGS
 DO NOT SCALE FROM THIS DRAWING
 RCD CONSULTANTS LTD COPYRIGHT

1. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND CALCULATIONS ASSOCIATED WITH THIS PROJECT.
3. ALL ADOPTABLE DRAINAGE WORKS ARE TO BE CARRIED OUT TO THE REQUIREMENTS AND FULL SATISFACTION OF YORKSHIRE WATER LTD.
4. ALL ADOPTABLE HIGHWAY WORKS ARE TO BE CARRIED OUT TO THE REQUIREMENTS AND FULL SATISFACTION OF BARNESLEY METROPOLITAN BOROUGH COUNCIL AND SOUTH YORKSHIRE COUNTY COUNCIL.
5. ALL SEWERS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH WATER AUTHORITIES ASSOCIATION PUBLICATION 'SEWERS FOR ADOPTION 6TH EDITION'.
6. ALL BUILDING DRAINAGE TO BE INSTALLED AND TESTED IN COMPLIANCE WITH THE BUILDING REGULATIONS 2000 DRAINAGE AND WASTE DISPOSAL APPROVED DOCUMENT H 2002 EDITION.
7. ALL COMPONENTS AND MATERIALS ARE TO BE MANUFACTURED AND SUPPLIED IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, AND LAID AND BACKFILLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND THE RELEVANT BRITISH STANDARDS.
8. THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
9. PRIOR TO ANY WORKS COMMENCING THE CONTRACTOR IS TO CONFIRM BACK TO THE ENGINEER THE INVERT LEVEL OF MANHOLE EXSMH1, EXFMH3 AND EXFMH5.
10. INSITU CONCRETE FOR USE IN GENERAL DRAINAGE WORKS, GRADE TO BS: 5328.
11. ALL GULLIES TO BE TRAPPED.
12. FOR LANDSCAPING SURFACE MATERIAL FINISHES REFER TO ARCHITECT'S CURRENT WORKING DRAWINGS.



CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	VERTICAL ALIGNMENT	HORIZONTAL ALIGNMENT	LEFT HAND CHANNEL	RIGHT HAND CHANNEL	STORMWATER COVER LEVEL	STORMWATER INVERT	STORMWATER DETAILS	STORMWATER LENGTHS
0.000	216.638	216.724	G= 4.485% 1:22.3	R= 20.000	219.061	218.804	216.95	216.93	Dia 300 Concrete 1 in 300	PN1.003 8.9
3.679	216.756	216.793			219.034	218.804	216.95	216.93	Dia 600 Concrete 1 in 330	PN1.002 13.2
7.444	216.867	219.017	G= 0.000%	L= 40.000 KF= -8.91916	219.205	219.278	216.95	216.93	Dia 150 Clay 1 in 29	PN1.001 45.9
10.000	216.919	219.024			219.278	219.278				
15.000	216.944	219.044	G= 0.000%	L= 40.000 KF= -8.91916	219.372	219.596	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
20.000	216.960	219.060			219.596	219.596				
25.000	216.984	219.084	G= 0.000%	L= 40.000 KF= -8.91916	219.620	219.820	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
30.000	217.008	219.108			219.820	219.820				
35.000	217.032	219.132	G= 0.000%	L= 40.000 KF= -8.91916	220.044	220.269	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
40.000	217.056	219.156			220.269	220.269				
45.000	217.080	219.180	G= 0.000%	L= 40.000 KF= -8.91916	220.493	220.717	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
50.000	217.104	219.204			220.717	220.717				
55.000	217.128	219.228	G= 0.000%	L= 40.000 KF= -8.91916	221.165	221.388	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
60.000	217.152	219.252			221.388	221.388				
65.000	217.176	219.276	G= 0.000%	L= 40.000 KF= -8.91916	221.543	221.766	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
70.000	217.200	219.300			221.766	221.766				
75.000	217.224	219.324	G= 0.000%	L= 40.000 KF= -8.91916	221.941	222.164	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
80.000	217.248	219.348			222.164	222.164				
85.000	217.272	219.372	G= 0.000%	L= 40.000 KF= -8.91916	222.319	222.542	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
90.000	217.296	219.396			222.542	222.542				
95.000	217.320	219.420	G= 0.000%	L= 40.000 KF= -8.91916	222.506	222.729	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
100.000	217.344	219.444			222.729	222.729				
105.000	217.368	219.468	G= 0.000%	L= 40.000 KF= -8.91916	222.693	222.916	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
110.000	217.392	219.492			222.916	222.916				
115.000	217.416	219.516	G= 0.000%	L= 40.000 KF= -8.91916	222.880	223.104	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
120.000	217.440	219.540			223.104	223.104				
125.000	217.464	219.564	G= 0.000%	L= 40.000 KF= -8.91916	223.066	223.288	216.95	216.93	Dia 150 Clay 1 in 53	PN1.000 47.9
128.454	217.488	219.588			223.288	223.288				

ALIGNMENT ROAD 1							
LOCATION	CHAINAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	TANL
JP1-1	0.000	424481.578	403387.661				
CP1-1	5.000	424476.677	403388.649				
TP1-1a	7.616	424474.113	403389.166		281.39716		
IP1-1	10.000	424471.147	403389.764	20.000		17.20419	3.025
CP1-2	13.621	424468.137	403389.497		264.19298		
TP1-1b	15.000	424466.765	403389.318				
CP1-3	20.000	424461.791	403388.812				
CP1-4	25.000	424456.816	403388.306				
CP1-5	30.000	424451.842	403387.800				
CP1-6	35.000	424446.868	403387.294				
CP1-7	40.000	424441.893	403386.789				
CP1-8	45.000	424436.919	403386.283				
CP1-9	50.000	424431.945	403385.777				
CP1-10	55.000	424426.970	403385.271				
CP1-11	60.000	424421.996	403384.765				
CP1-12	65.000	424417.022	403384.259				
CP1-13	70.000	424412.047	403383.753				
CP1-14	75.000	424407.073	403383.247				
CP1-15	80.000	424402.099	403382.741				
CP1-16	85.000	424397.124	403382.236				
CP1-17	90.000	424392.150	403381.730				
CP1-18	95.000	424387.176	403381.224				
CP1-19	100.000	424382.201	403380.718				
CP1-20	105.000	424377.227	403380.212				
CP1-21	110.000	424372.253	403379.706				
CP1-22	115.000	424367.278	403379.200				
CP1-23	120.000	424362.304	403378.694				
CP1-24	125.000	424357.330	403378.188				
EP1-1	128.454	424353.893	403377.839		264.19298		

A	FOR APPROVAL	24.04.16	RAC
REV	AMENDMENT	DATE	CHKD

DRAWING STATUS
FOR APPROVAL

RCD

RCD CONSULTANTS LTD
 23 HASTINGS ROAD ROAD, MAIDSTONE, KENT, ME15 7SH
 MOBILE: 07702 052 137
 EMAIL: ray@rcd-uk.com

CLIENT
 RELIANT BUILDING CONTRACTORS LTD

PROJECT
 PROPOSED RESIDENTIAL DEVELOPMENT
 FORMER COAL DROPS
 PENISTONE

DRAWING TITLE
 LONGITUDINAL SECTION

CIVILS

SCALE DRAWN BY CHECKED DATE
 H:1:500 RAC MGC APR 2016
 V:1:100

DRAWING NUMBER REVISION
 1151-1007-CIV-20 A