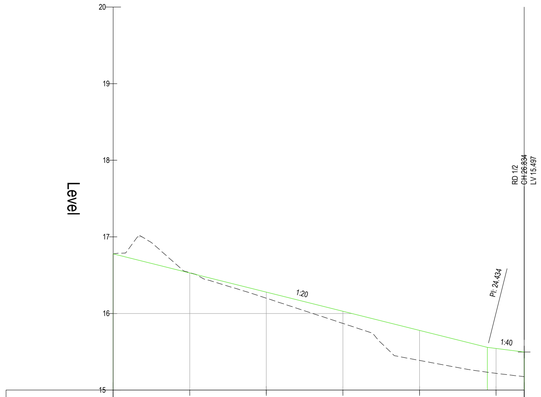
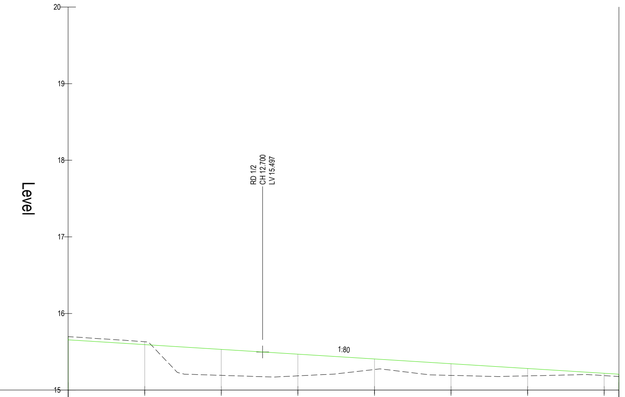


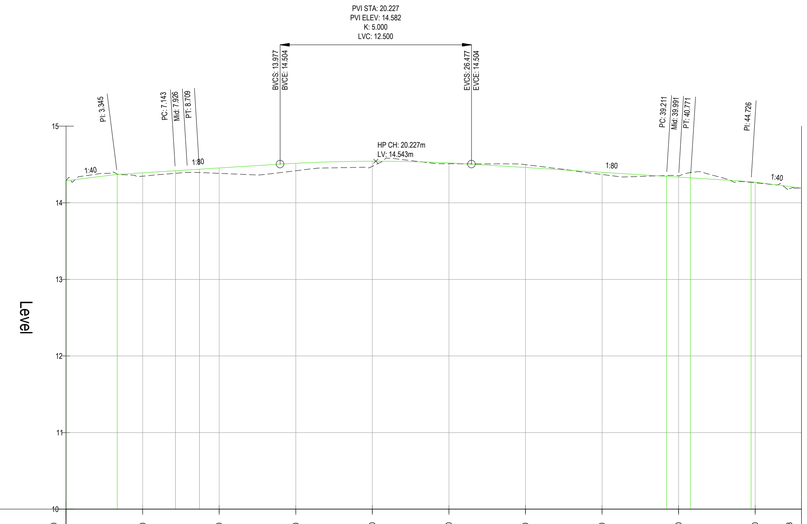
Chainage	00.000	05.000	10.000	15.000	20.000	25.000	26.834
Existing Levels	16.778	16.532	16.199	15.970	15.387	15.218	15.174
Proposed Levels	16.778	16.528	16.278	16.028	15.778	15.543	15.497
Horizontal Geometry		L =24.434					L =2.400
Vertical Geometry		G =-5.000% L =24.434					G =2.500% L =2.400
Surface Water CL							
Surface Water IL							
Surface Water Details							
Foul Water CL							
Foul Water IL							
Foul Water Details							

ROAD 1 - LONGSECTION
SCALE: H 1:100,V 1:20. DATUM: 15.000



Chainage	00.000	05.000	10.000	15.000	20.000	25.000	30.000	35.962
Existing Levels	15.688	15.631	15.192	15.185	15.269	15.191	15.185	15.198
Proposed Levels	15.656	15.693	15.531	15.468	15.405	15.343	15.281	15.218
Horizontal Geometry		L =35.962						
Vertical Geometry		G =-1.250% L =35.962						
Surface Water CL								
Surface Water IL								
Surface Water Details								
Foul Water CL								
Foul Water IL								
Foul Water Details								

ROAD 2 - LONGSECTION
SCALE: H 1:100,V 1:20. DATUM: 15.000



Chainage	00.000	05.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	48.023		
Existing Levels	14.287	14.348	14.383	14.418	14.476	14.509	14.497	14.369	14.354	14.260	14.193		
Proposed Levels	14.287	14.392	14.454	14.516	14.543	14.520	14.460	14.397	14.335	14.269	14.193		
Horizontal Geometry		L =3.345	L =3.797	R: 1.000 L: 1.566	L =30.502				R: 1.000 L: 1.560	L =3.956	L =3.297		
Vertical Geometry		G =2.500% L =3.345	G =1.250% L =10.632		R =500.000 K =5.000 L =12.500		G =-1.250% L =18.249				G =-2.500% L =3.297		
Surface Water CL													
Surface Water IL													
Surface Water Details													
Foul Water CL													
Foul Water IL													
Foul Water Details													

SD - LONGSECTION
SCALE: H 1:100,V 1:20. DATUM: 10.000

GENERAL SAFETY NOTES:

1. WHERE THE BASE (ROAD BASE) HAS BEEN USED AS A TEMPORARY RUNNING SURFACE DURING THE CONTRACT IT SHALL BE THOROUGHLY CLEANED AND POWER WASHED AS NECESSARY. AFTER DRYING AND IMMEDIATELY BEFORE THE BINDER COURSE IS LAID A TACK COAT OF BITUMEN EMULSION CLASS A1-40 OR K1-40 TO BS434 SHALL BE APPLIED AT A RATE OF 0.35-0.55 LITRES/SQ METER.
2. ALL RADIUS KERBS WITH A RADIUS OF 12m OR LESS SHALL BE FORMED WITH PROPRIETARY RADIUS KERBS.

HEALTH & SAFETY:

1. CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION.

ROADS & DRAINAGE

2. CONTRACTOR TO PROVIDE TRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE
3. THE TIME THAT EXCAVATIONS ARE OPEN ON SITE SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES SHOULD BE SURROUNDED BY A BARRIER
4. CONNECTIONS TO EXISTING SEWERS TO BE MADE BY APPROVED CONTRACTOR ONLY.
5. CONTRACTOR TO MAKE OPERATIVES AWARE OF ASSOCIATED DANGERS TO HEALTH SUCH AS LEPTOSPIROSIS (WEILS DISEASE) AND RECOMMENDED PRECAUTIONS. ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
6. UNFINISHED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH BARRIER.

PIPES & CABLES

7. CONTRACTOR TO OBTAIN ALL SERVICE RECORDS PRIOR TO WORKS COMMENCING.
8. SERVICE RECORDS TO BE REFERRED TO PRIOR TO WORK COMMENCING. CONTRACTOR TO PROCEED WITH CAUTION AND SERVICES TO BE LOCATED BY HAND DIG AND PROTECTED ACCORDINGLY.

EXCAVATION/FILL

9. CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE DISTANCE FROM STEEP SLOPES DURING THE WORKS.
10. CONTRACTOR TO ENSURE THAT PROCEDURES ARE IN PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM WORKING PLANT WHERE NECESSARY.
11. CONTRACTOR TO REFER TO GROUND INVESTIGATION REPORT FOR CONTAMINATION TESTS AND TO PROVIDE ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING AS REQUIRED.

DESIGN NOTES:

1. ALL WORKS TO COMPLY WITH CURRENT VERSION OF THE FOLLOWING DOCUMENTS:
   - DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB)
   - SPECIFICATION FOR HIGHWAY WORKS (SHW)
   - LOCAL AUTHORITY DESIGN GUIDE AND SPECIFICATION
2. PRIOR TO COMMENCING WORKS THE CONTRACTOR SHOULD INVESTIGATE AND LOCATE AS NECESSARY ANY STATUTORY UNDERTAKERS EQUIPMENT WITHIN THE NEW ACCESS AND DISCUSS REQUIREMENTS FOR LOWERING/DIVERSION AND PROTECTION WITH THE RELEVANT UNDERTAKER.
3. ALL WORKS WITHIN THE PUBLIC HIGHWAY TO MEET LOCAL AUTHORITY REQUIREMENTS. CONTRACTOR TO APPLY FOR ROAD OPENING NOTICES ETC AS REQUIRED.
4. CBR VALUE NOT AVAILABLE. ROAD CONSTRUCTION DETAIL SUBJECT TO CONFIRMATION OF CBR VALUES. CONTRACTOR TO ALLOW FOR LAB TESTS TO BE UNDERTAKEN IN AGREEMENT WITH LOCAL AUTHORITY HIGHWAY ENGINEER PRIOR TO WORKS COMMENCING.
5. PROPOSED LEVELS HAVE BEEN BASED ON THE EXISTING TOPOGRAPHICAL SURVEY PROVIDED BY THE CLIENT.
6. PROPOSED DRAWING BASED ON THE LATEST ARCHITECTURAL LAYOUT PROVIDED BY THE CLIENT.
7. SLOPES GREATER THAN 1 IN 6 MAY REQUIRE STABILISATION. GEOTECHNICAL ENGINEER TO BE CONTACTED TO CONFIRM REQUIREMENTS

KEY

- EXISTING LEVELS
- PROPOSED LEVELS

Date	Revisions	Drawn	Checked	Rev
31.08.2023	UPDATED TO LATEST LAYOUT.	AM	RWO	2
20.03.2023	FIRST ISSUE	AM	RWO	1

Dwg Status: SCHEMATIC

NORTH EAST
0191 2585632

YORKSHIRE
0113 535 3500

RWO
CONSULTING ENGINEERS

WWW.RWO.GROUP
INFO@RWO.GROUP

Client: ORIGIN PLANNING SERVICES

Project: SIMONSIDE ARMS

Title: PROPOSED LONGSECTIONS

DO NOT SCALE	Scale @ A1: 1:100	Drawn AM	Checked RWO	Date 20.03.2023
Job No 22164		Dwg No D300		Rev 2