

WASTEWATER TREATMENT WORKS CUT & FILL SUMMARY

ITEM	DESCRIPTION	CUT (m³)	FILL (m³)	NET (m³)
ACCESS ROAD	VOLUME TO FORMALISE EXISTING FARM TRACK TO FINISHED SURFACE OF ACCESS ROAD	TBC	TBC	#### (FILL)
	SUBTOTAL	####	####	#### (FILL)
PLATFORM	VOLUME FROM EXISTING GROUND TO FINISHED LEVEL	4420	3590	830 (CUT)
	SUBTOTAL	4420	3590	830 (CUT)
BUNDS	VOLUME FROM EXISTING GROUND & PLATFORM TO FINISHED LEVEL	0	850	850 (FILL)
	SUBTOTAL	0	850	850 (FILL)
TOTAL		4420	4440	20 (FILL)

EARTHWORKS NOTES

- STATED VOLUMES ARE A COMPARISON BETWEEN THE EXISTING GROUND LEVELS AND THE PROPOSED FINAL LEVELS. NO ALLOWANCE HAS BEEN MADE FOR STRIPPING OF EXISTING TOPSOIL LAYERS
- VOLUMES ARE BASED ON ASSUMPTIONS AND ARE SUBJECT TO CHANGE THROUGH ON-GOING SITE INVESTIGATION AND DESIGN DEVELOPMENT
- NET VOLUMES ASSUME BULK CUT MATERIAL IS SUITABLE FOR USE AS FILL. THE CONTRACTOR WILL NEED TO SATISFY THAT MATERIAL IDENTIFIED FOR RE-USE AS FILL IS SUITABLE FOR SUCH USE IN ACCORDANCE WITH PROJECT SPECIFICATIONS
- SOIL BULKING NOT ALLOWED FOR IN STATED VOLUMES
- EARTHWORKS REQUIRED FOR INSTALLATION OF DRAINAGE AND OTHER UTILITIES IS NOT INCLUDED IN THE STATED VOLUMES
- THE CONTRACTOR WILL BE PROVIDED WITH ALL MODELS AND SHOULD CARRY OUT THEIR OWN CUT AND FILL EXERCISE TO SATISFY THE CUT AND FILL REQUIREMENTS

CUT & FILL DATA

COLOUR BAND	LOWER LEVEL (m)	UPPER LEVEL (m)	COLOUR	AREA (m²)	VOLUME (m³)
1	-3.500	-3.000	█	26.900	1.770
2	-3.000	-2.500	█	250.328	66.091
3	-2.500	-2.000	█	435.371	240.917
4	-2.000	-1.500	█	583.418	497.157
5	-1.500	-1.000	█	697.465	817.981
6	-1.000	-0.500	█	790.161	1190.524
7	-0.500	0.000	█	869.432	1605.527
8	0.000	0.500	█	1037.680	1685.862
9	0.500	1.000	█	899.344	1212.469
10	1.000	1.500	█	766.578	788.002
11	1.500	2.000	█	561.483	457.932
12	2.000	2.500	█	374.180	224.493
13	2.500	3.000	█	235.490	72.432
14	3.000	3.500	█	40.898	4.282

STANDARD NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
- THIS DRAWING SHOULD NOT BE SCALED.
- ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
- ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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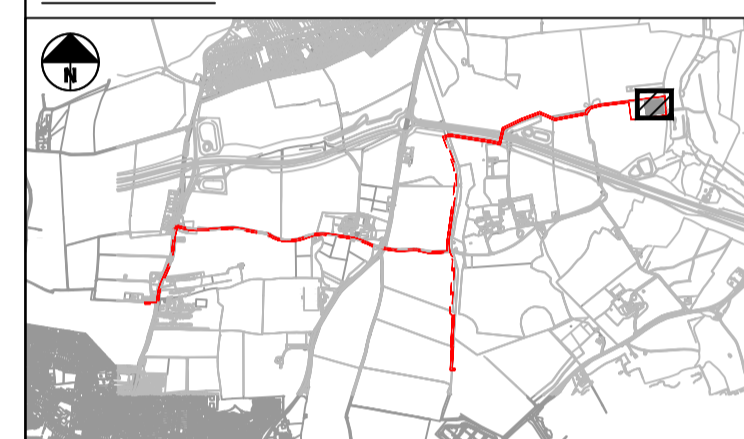
NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED
- THIS DRAWING IS BASED ON:
 - TOPOGRAPHICAL SURVEY UNDERTAKEN BY RIGOUR SURVEY, DRAWING NUMBER RS-2474-P1-GEO-RO, ISSUED 22/12/2023
 - WASTEWATER TREATMENT WORKS LAYOUT BY SEVERN TRENT, DRAWING NUMBER STC 0131-TET-XX-XX-DR-M-0001 - P03; DATED 01.02.2024

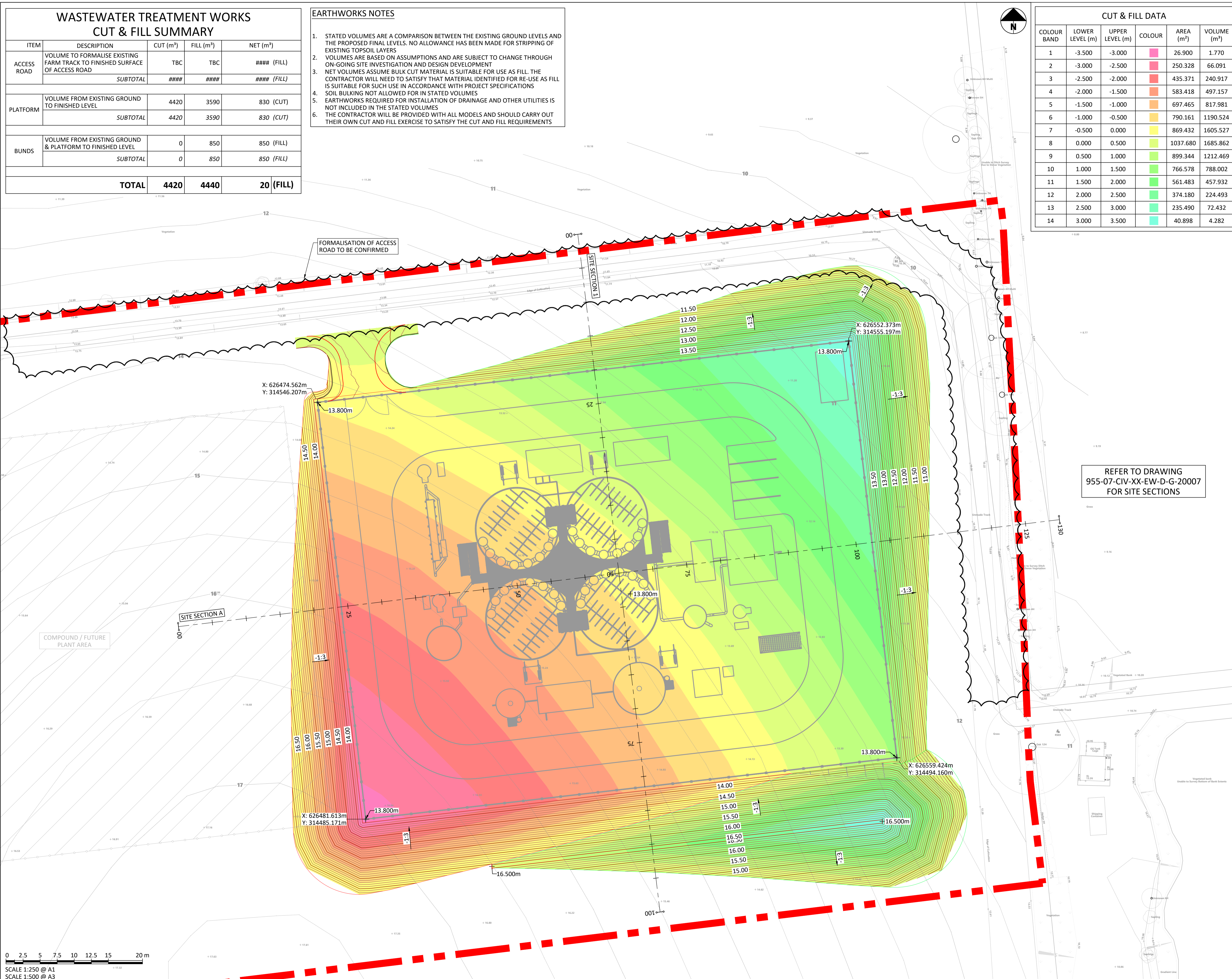
KEY:

- REDLINE BOUNDARY
- MAJOR CONTOUR (0.5m)
- MINOR CONTOUR (0.1m)
- +16.500m PROPOSED SPOT LEVEL
- 1:3 PROPOSED SLOPE GRADIENT

KEY PLAN:



REFER TO DRAWING
955-07-CIV-XX-EW-D-G-20007
FOR SITE SECTIONS



0 2.5 5 7.5 10 12.5 15 20 m
SCALE 1:250 @ A1
SCALE 1:500 @ A3

08.02.24	P01	ISSUED FOR INFORMATION	BM	RWI
DATE	REV	DESCRIPTION	DRAWN	CHKD



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PROJECT
**BEESTON PARK
NORWICH**

TITLE
**WASTEWATER TREATMENT WORKS
EARTHWORKS ANALYSIS
WASTEWATER TREATMENT FACILITY
SHEET 1**

DRAWING STATUS		STATUS CODE	
INFORMATION			
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN
955-07	1:250	FEB 24	BM
DRAWING No.	REV	REV	REV
955-07-CIV-XX-EW-D-G-20006			P01

FILE LOCATION PATH: P:\PROJECTS\HOT\955-07 BEESTON PARK- QUINN ESTATES\004 BIM\CIVILS\DRAWINGS\955-07-CIV-XX-EW-D-G-20006_WWTTW CUT & FILL - SHEET 5.DWG