

SETTING OUT POINTS			
NODE	EASTING	NORTHING	FORMATION LEVEL
1	389902.343	166503.461	40.591
2	389918.647	166499.336	40.591
3	389907.734	166496.523	40.775
4	389914.142	166496.264	40.615
5	389908.161	166474.195	40.805
6	389905.739	166461.461	40.715
7	389902.083	166449.523	40.638
8	389915.937	166482.368	40.934
9	389916.297	166463.718	40.813
10	389916.657	166445.087	40.584
11	389915.180	166441.796	40.287
12	389908.821	166442.652	40.447
13	389908.792	166444.162	40.458
14	389905.415	166444.996	40.506
15	389877.557	166404.863	40.485
16	389881.458	166401.371	40.365
17	389853.031	166360.203	40.589
18	389857.501	166357.748	40.469
19	389850.068	166355.486	40.570
20	389854.220	166352.524	40.450
21	389886.806	166407.708	40.632
22	389857.096	166354.308	40.557
23	389850.878	166346.012	40.509
24	389844.412	166347.602	40.530
25	389848.553	166344.642	40.410
26	389834.082	166324.555	40.410
27	389827.794	166329.018	40.530
28	389833.170	166336.554	40.530
29	389835.397	166334.965	40.530
30	389838.644	166339.518	40.530
31	389835.912	166341.466	40.530
32	389837.892	166344.242	40.530
33	389840.624	166342.293	40.530
34	389850.782	166343.058	40.590
35	389834.753	166320.590	40.590
36	389828.444	166325.090	40.715
37	389816.436	166333.657	40.715
38	389832.465	166356.125	40.715

- DENOTES AREA OF CUT FOR 33KV GRID PARK
EXCAVATION VOLUME

= 170m³ APPROX
- DENOTES AREA OF CUT FOR ROAD
EXCAVATION VOLUME

= 840m³ APPROX
- DENOTES AREA OF CUT FOR TRENCHES
EXCAVATION VOLUME

= 220m³ APPROX
- TOTAL EXCAVATION VOLUME

= 1230m³ APPROX
- DENOTES AREA GRADED TO FALLS
- + 40.000

DENOTES FORMATION LEVEL

NOTE: QUANTITIES EXCLUDE THE FOUNDATIONS OF SWITCHROOM AND PRR'S

MATERIAL QUANTITIES

ROAD

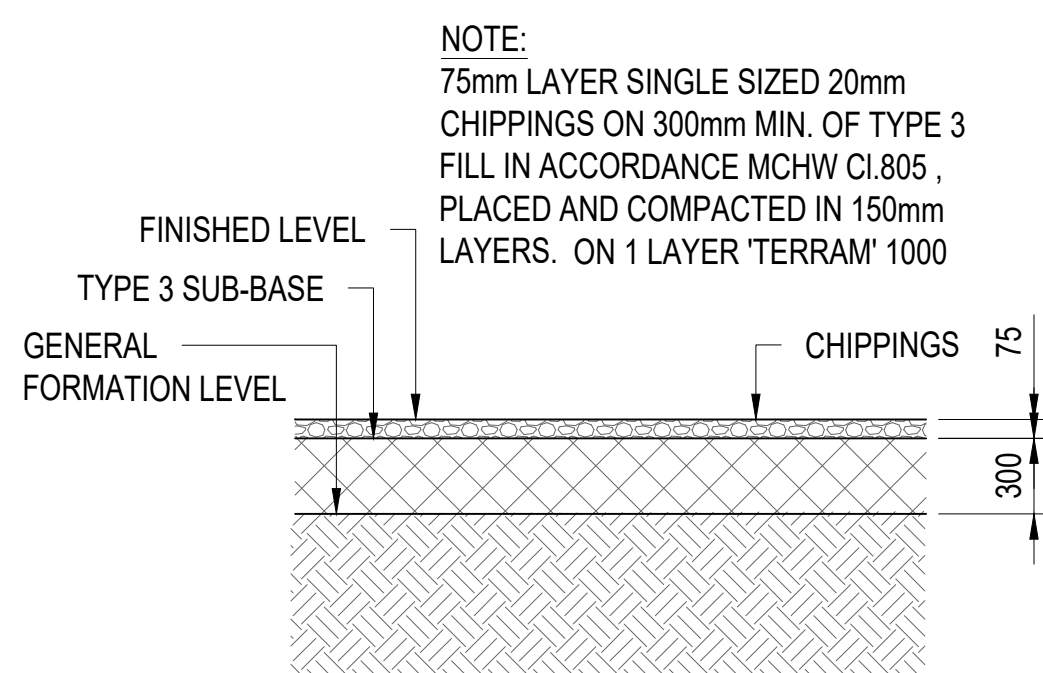
SURFACE COURSE - 40mm AC10 SURF 100/120 = 37m³ APPROX
BINDER COURSE - 60mm AC20 DENSE BIN 40/60 = 56m³ APPROX
BASE COURSE - 100mm AC32 DENSE BASE 40/60 = 95m³ APPROX
SUB-BASE - MIN 375mm TYPE 1 = 440m³ APPROX

33KV GRID PARK COMPOUND

CHIPPING = 32m³ APPROX
TYPE 3 SUB-BASE = 127m³ APPROX

TRENCHES

TYPE C FILTER MATERIAL = 140m³ APPROX



TYPICAL SECTION
THROUGH PLATFORM
1:30

SHEO NOTES

- EXISTING UTILITY APPRATUS LOCATED WITHIN THE WORKS, INCLUDING OVERHEAD CABLES. LOCATION OF ALL UTILITY APPRATUS SHOULD BE VERIFIED ON SITE PRIOR TO WORKS BEING UNDERTAKEN. UTILITY APPRATUS SHOWN ON THIS DRAWING IS INDICATIVE, TAKEN FROM SURVEY INFORMATION PROVIDED, AND IS TO BE VERIFIED ON SITE.
 - LIVE CABLES ARE TO BE INVESTIGATED AND CABLES PROTECTED DURING THE DURATION OF THE WORKS. ANY REDUNDANT CABLES ARE TO BE DIVERTED OR REMOVED SUBJECT TO AGREEMENT WITH THE CLIENT.
 - MIN. OFFSET FOR SWALES FROM CARRIAGEWAY IS INSUFFICIENT. BRE365 RECOMMEND MIN. 5m.
- GENERAL NOTES**
- DO NOT SCALE FROM THIS DRAWING.
 - ALL DIMENSIONS ARE IN MILLIMETRES (U.N.O.).
 - ALL LEVELS ARE IN METRES (U.N.O.).
 - BELLMOUTH OF THE ROAD EXCLUDED TO BE INCLUDED IN BELLMOUTH DETAIL DRAWING.
 - QUANTITIES EXCLUDE THE FOUNDATIONS OF SWITCHROOM AND PRR'S
 - ALL WORK CARRIED OUT IN ACCORDANCE WITH RELEVANT EUROCODE, BRITISH STANDARDS, CODES OF PRACTICE, LATEST EDITION OF NATIONAL GRID TS 13.03 AND DESIGN HANDBOOK DH10 ISSUE 4.

CATV / Data	CTV
Earth Cable	
Electricity (HV)	HV
Electricity (LV)	LV
Electricity (7V)	F
Fuel	F
Gas	G
Heating	H
Oil	O
Overhead Electric	OHE
Overhead Telecom	OHT
Overhead Wire (Other)	OHW
Telecom (BT)	BT
Telecom (Other)	T
Water	W

ASSOCIATED DRAWINGS

ACCESS ROAD AND PATH LAYOUT (PATH AND LAYOUT)

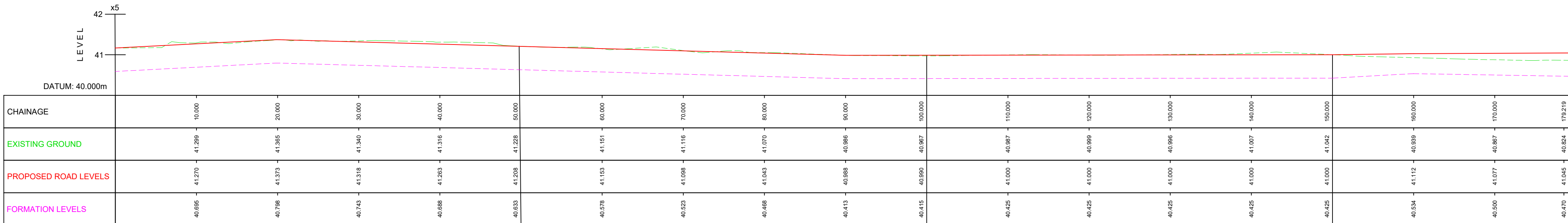
REFER TO: 16/MES/0365

ACCESS ROAD MODIFICATION AND BELLMOUTH LAYOUT

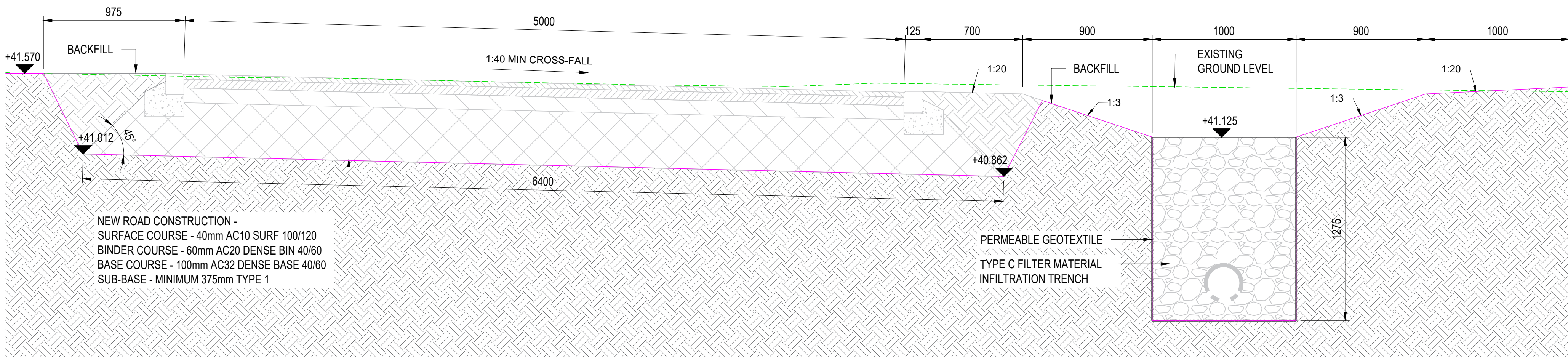
REFER TO: 16/MES/0366

GRID PARK COMPOUND INTERNAL ACCESS ROADS

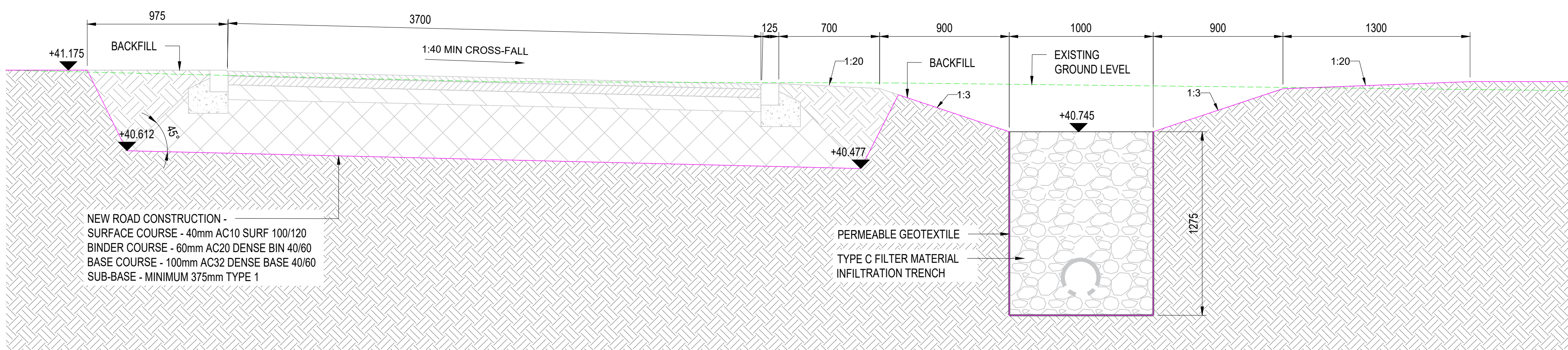
REFER TO: 16/MES/0368



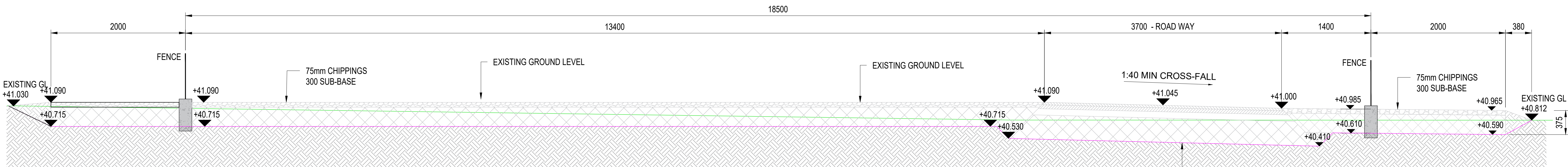
ROAD ALIGNMENT
NTS



SECTION A-A
1:20



SECTION B-B
1:20



SECTION C-C
1:30

EARTHWORKS PLAN
1:300

ISSUE	C01	NG Investment No.	102261	C02	NG Investment No.	102261	C03	NG Investment No.	102261	C04	NG Investment No.	102261
DRAWN	GH	Remarks		GH	Remarks		GH	Remarks		GH	Remarks	
CHECKED	ACA	ISSUED FOR CONSTRUCTION DESIGN ASSURED UNDER 102261-CIV-DCAAR-0P11-002		ACA	ACCESS ROAD ROUTE CHANGED		ACA	GRID PARK LAYOUT AMENDED AND PLATFORM LEVELS CHANGED TO MAKE FLAT		ACA	LEVELS AMENDED	
APPROVED	RA	DATE	08/04/2025	RA	DATE	17/06/2025	RA	DATE	11/09/2025	RA	DATE	04/12/2025

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Name of Contractor Working	Working Copy	Site Reference
Accepted for Construction - Chills		
AS INSTALLED (Final Verified Copy Available)		
Name	Sign	Date
Contractors Engineer		
Drawing Contains Mark ups	Yes	No

THIS DRAWING IS TO BE PRINTED IN COLOUR

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33KV GRID PARK EARTHWORKS		
Site	MELKSHAM 400KV SUBSTATION	AO
Originator Drawing Number	102261-STN-18-XX-LAY-SC-001	CAD
NG Drawing Number	12/MES/0106	Sheet No. 1
SCALE:-	AS SHOWN	No. of Sheets 1
		ISSUE C04