



NOTES:

- THIS DRAWING IS BASED ON THE LO-21 WGS84 COORDINATE SYSTEM.
- ALL SETTING OUT DATA MUST BE CONFIRMED WITH THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK AND ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER FOR VERIFICATION.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH SANS 1200.
- ALL WORK SHALL BE TESTED AS PER THE REQUIREMENTS OF SANS 1200 OR AS PER THE APPROVED QMS.
- THE CONTRACTOR IS TO REMAIN CLEAR OF - AND NO WORK TO BE DONE WITHIN - ENVIRONMENTALLY SENSITIVE AREAS WITHOUT PRIOR CONSENT FROM THE ECO.
- TOPSOIL STRIPPING TO BE DONE TO A MINIMUM DEPTH OF 150mm AND ALL ORGANIC MATERIAL TO BE REMOVED. TOPSOIL IS TO BE BLADED INTO WINDROWS ON EITHER SIDE OUTSIDE OF THE CONSTRUCTION AREA.
- ALL EXISTING STORMWATER AND ROAD INFRASTRUCTURE TO BE PRESERVED AND MAINTAINED DURING CONSTRUCTION.

LEGEND

- DRIFT
- STORMWATER CROSSING - TYPE 1
- STORMWATER CROSSING - TYPE 2
- ROAD SIDE DRAIN
- MITRE DRAIN
- CUT-OFF DRAIN
- GUARDRAIL
- EXISTING FENCELINE
- DESIGN CONTOURS (0.2m INTERVAL)
- PROPOSED FENCELINE
- NEW GATE
- PROPERTY BOUNDARY



KEY PLAN
SCALE 1:50 000

B	2025-02-12	FOR TENDER
A	2024-11-11	FOR TENDER
REV	DATE	DESCRIPTION

EKCON
Consulting Engineers

UITZICHT BUILDING, TYGERBERG OFFICE PARK
163 UYS KRIGE DRIVE, PLATTEKLOOF, CAPE TOWN, 7500
EMAIL: EKCON@EKCON.CO.ZA
TEL: 021 930 9360

CLIENT

**SOUTH AFRICAN NATIONAL
SPACE AGENCY**

PROJECT TITLE

SANSA MATJIESFONTEIN

DRAWING TITLE

**BULK EARTHWORKS
PLAN & PROFILE
GATE HOUSE**

SCALE 1:300	SIZE A0	APPROVED SHR BUCKLE
DESIGNED S. RAMNCWANA		
CHECKED R. BUCKLE		

DRAWING STATUS

FOR TENDER

DRAWING NUMBER

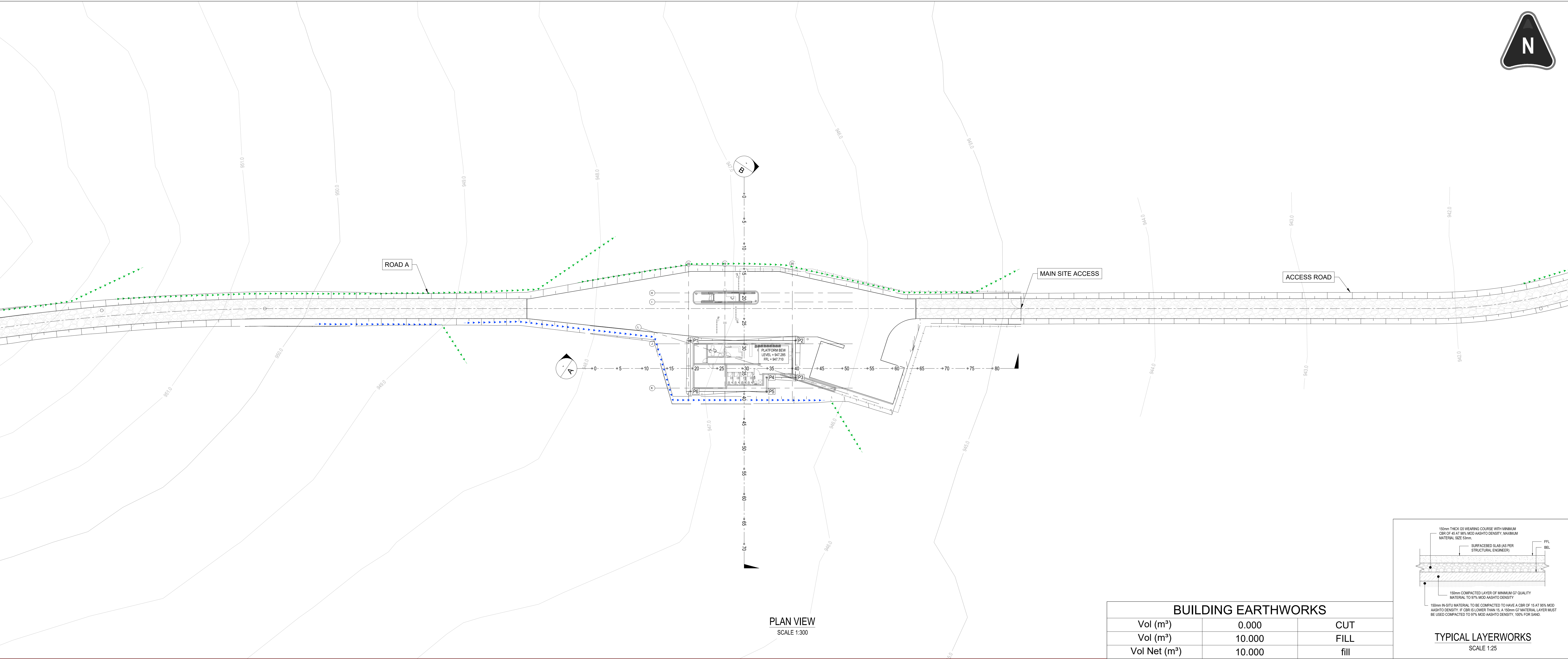
P3589-C-BE-001

REV

B

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\\162.240PF\PROJECTS\EKCON\3589 SANSA MATJIESFONTEIN\DRAWINGS\3589-C-BE-001 BULK EARTHWORKS PLAN & PROFILE.DWG - GATE HOUSE.DWG

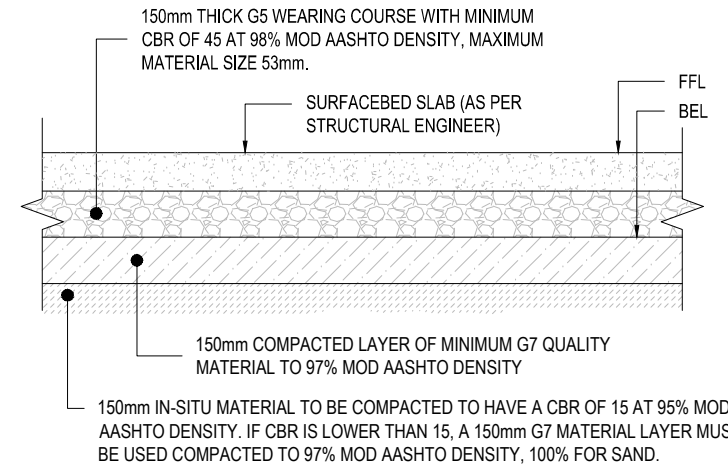


PLAN VIEW
SCALE 1:300

BUILDING EARTHWORKS

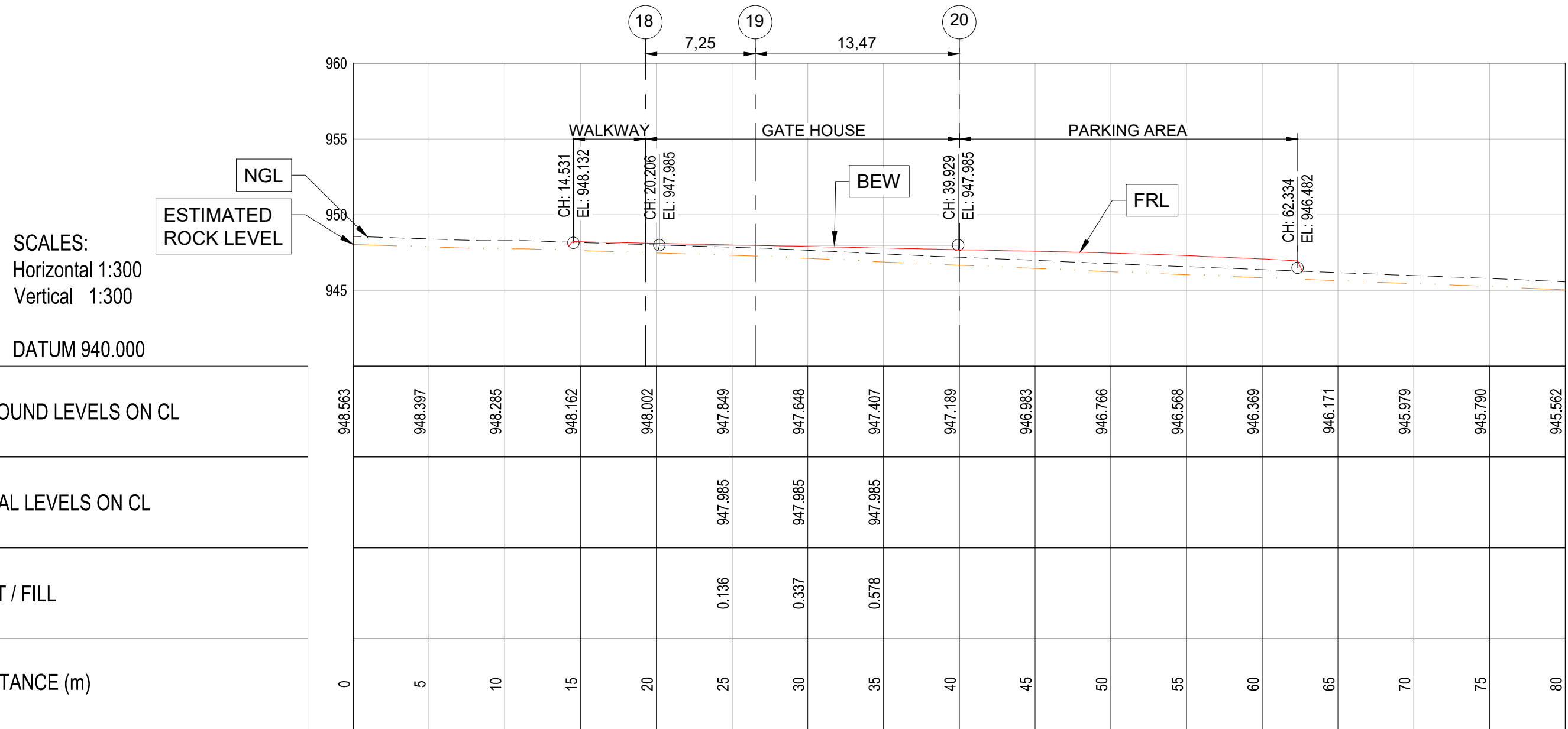
Vol (m³)	0.000	CUT
Vol (m³)	10.000	FILL
Vol Net (m³)	10.000	fill

TYPICAL LAYERWORKS
SCALE 1:25

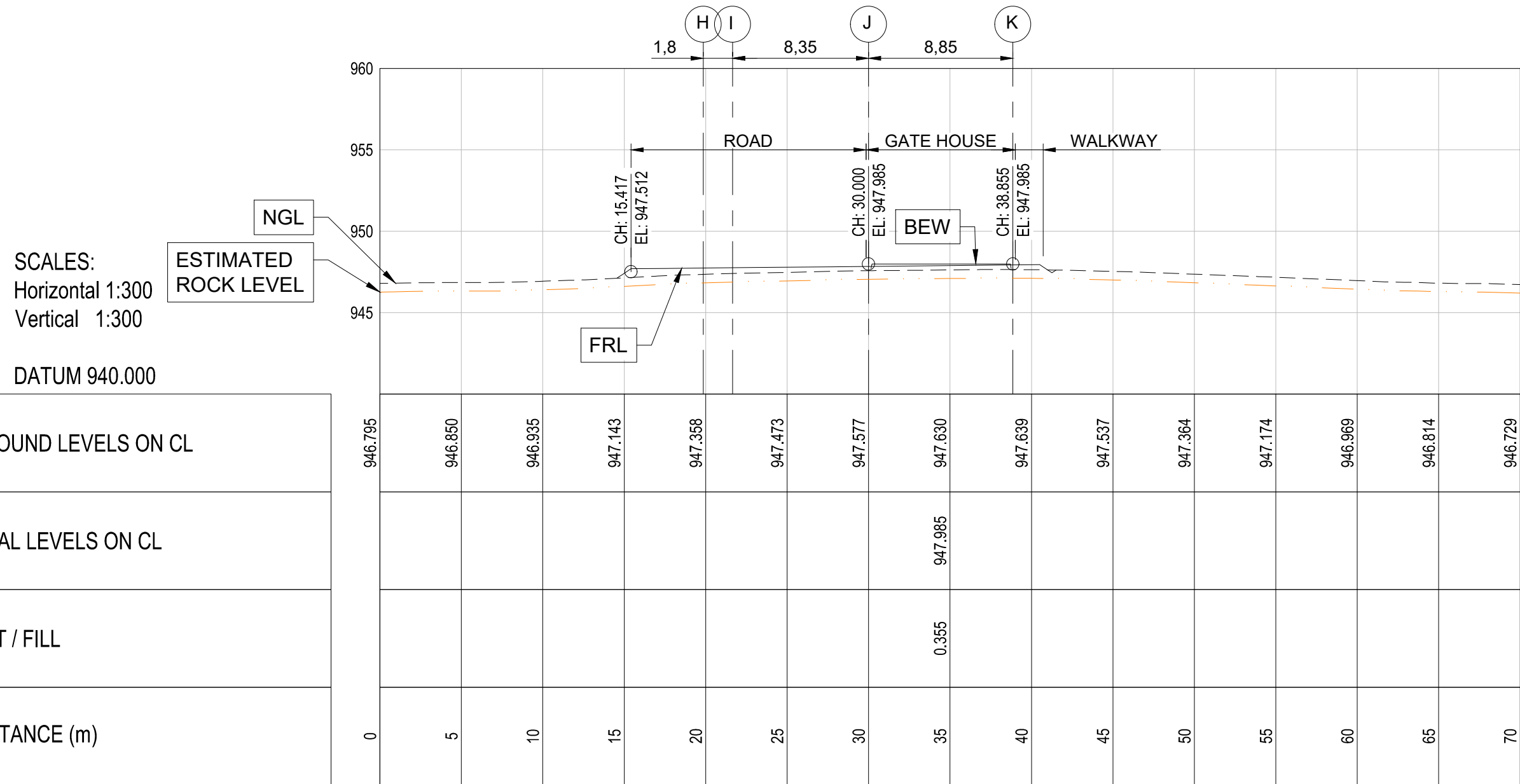


BULK EARTH WORKS SETTING OUT DATA
(WGS84 Lo21)

POINT	X	Y	Z
P1	41664.585	3679624.545	947.285
P2	41643.615	3679624.545	947.285
P3	41643.615	3679631.885	947.285
P4	41648.413	3679631.885	947.285
P5	41648.413	3679634.700	947.285
P6	41664.585	3679634.700	947.285



LONGSECTION SECTION A
FROM 0.000 TO 80.000



LONGSECTION SECTION B
FROM 0.000 TO 70.000