

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 | 2025-02-11 | FOR TENDER |
| A | 2024-11-11 | FOR TENDER |
| REV | DATE | DESCRIPTION |

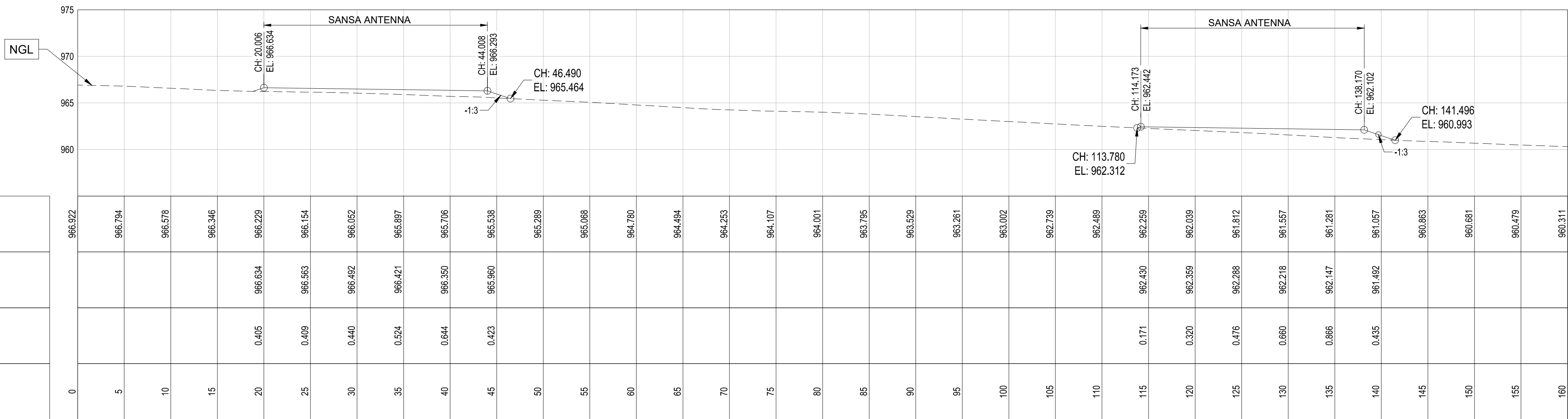
PLAN VIEW
SCALE 1:300

| BUILDING EARTHWORKS | | | BUILDING EARTHWORKS | | |
|---------------------|---------|------|---------------------|---------|------|
| Vol (m³) | 1.866 | CUT | Vol (m³) | 1.578 | CUT |
| Vol (m³) | 414.022 | FILL | Vol (m³) | 400.531 | FILL |
| Vol Net (m³) | 412.156 | fill | Vol Net (m³) | 398.953 | fill |

TYPICAL LAYERWORKS
ANTENNA PLATFORM

SCALES:
Horizontal 1:300
Vertical 1:300
DATUM 955.000

| GROUND LEVELS ON CL |
|---------------------|
| FINAL LEVELS ON CL |
| CUT / FILL |
| DISTANCE (m) |

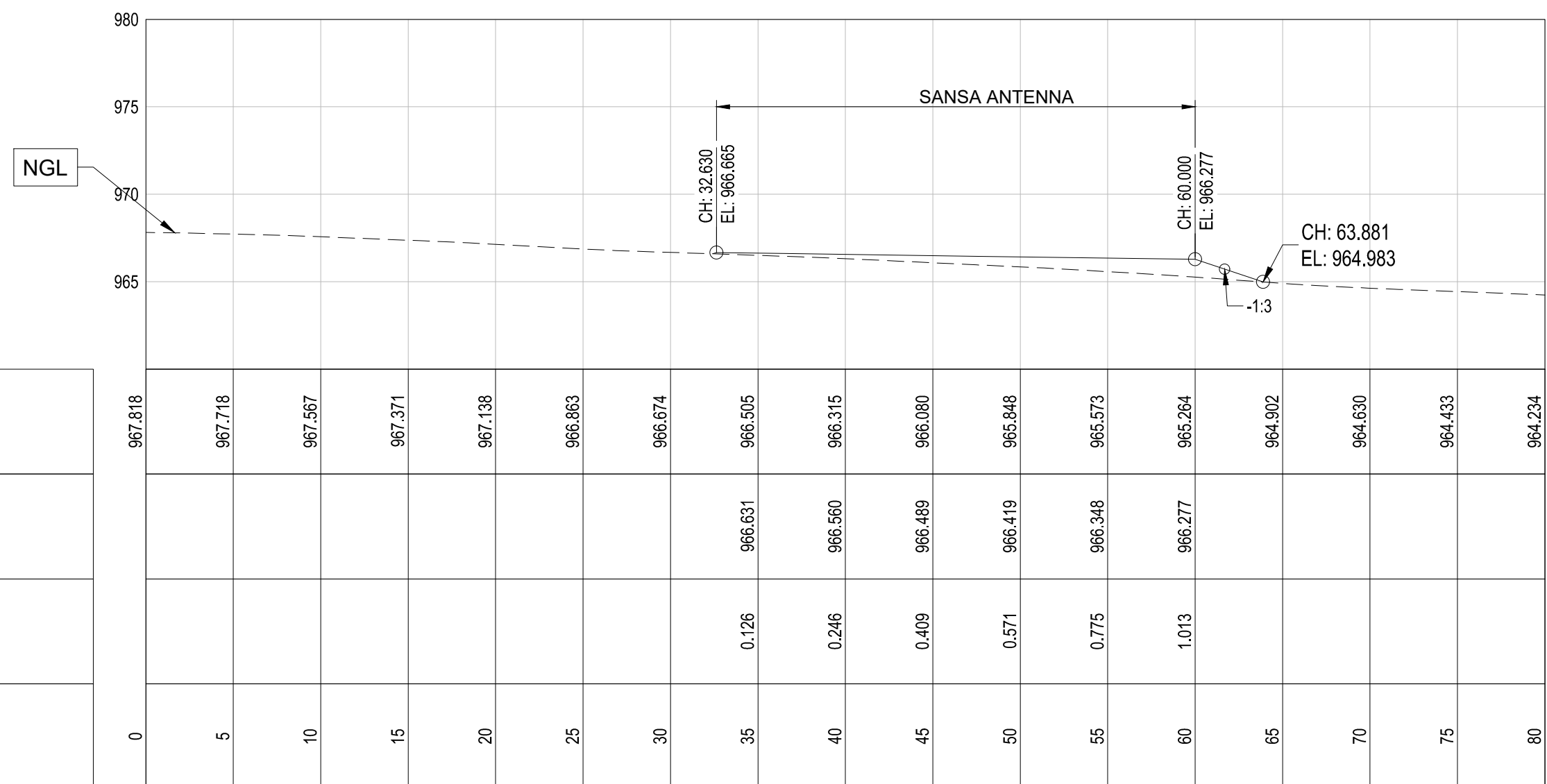


LONGSECTION SECTION A
FROM 0.000 TO 160.000

| BULK EARTH WORKS SETTING OUT DATA (WGS84 Lo21) | | | |
|---|-----------|-------------|---------|
| POINT | X | Y | Z |
| P1 | 42452.960 | 3679735.338 | 966.835 |
| P2 | 42428.969 | 3679734.681 | 966.495 |
| P3 | 42452.211 | 3679762.698 | 966.447 |
| P4 | 42428.220 | 3679762.041 | 966.107 |
| P5 | 42358.826 | 3679732.760 | 962.643 |
| P6 | 42334.835 | 3679732.103 | 962.303 |
| P7 | 42358.076 | 3679760.120 | 962.255 |
| P8 | 42334.085 | 3679759.463 | 961.915 |

SCALES:
Horizontal 1:300
Vertical 1:300
DATUM 960.000

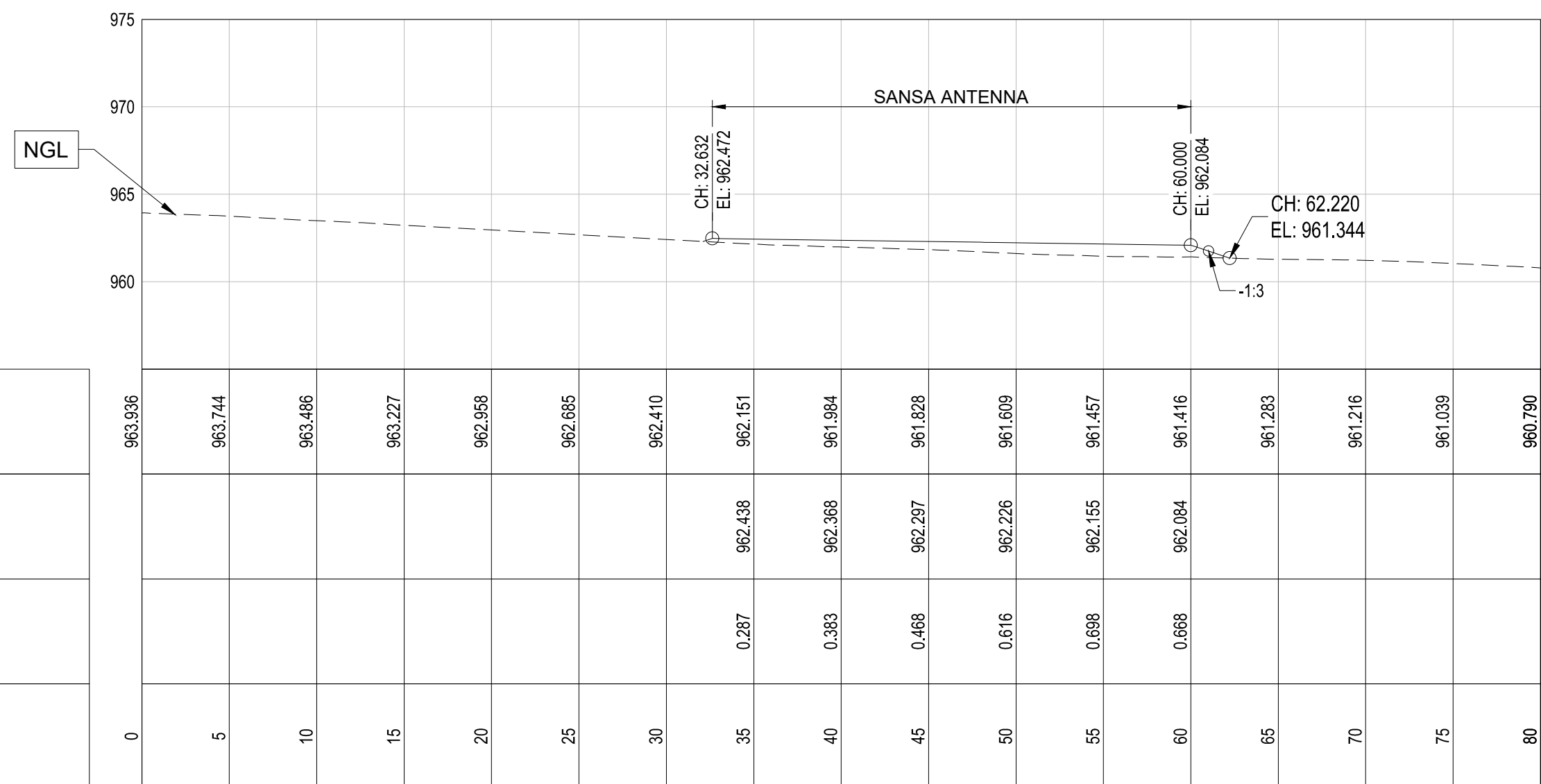
| GROUND LEVELS ON CL |
|---------------------|
| FINAL LEVELS ON CL |
| CUT / FILL |
| DISTANCE (m) |



LONGSECTION SECTION B
FROM 0.000 TO 80.000

SCALES:
Horizontal 1:300
Vertical 1:300
DATUM 955.000

| GROUND LEVELS ON CL |
|---------------------|
| FINAL LEVELS ON CL |
| CUT / FILL |
| DISTANCE (m) |



LONGSECTION SECTION C
FROM 0.000 TO 80.000

EKCON
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CLIENT
**SOUTH AFRICAN NATIONAL
SPACE AGENCY**

PROJECT TITLE
SANSA MATJIESFONTEIN

DRAWING TITLE
**BULK EARTHWORKS
PLAN & PROFILE
SANSA 1,2,3 ANTENNA
(SHEET 1 of 1)**

| | | |
|---------------------------------|-----------------------------|-------------------------------|
| SCALE 1:300 | SIZE A0 | APPROVED SHR BUCKLE |
| DESIGNED S. RAMNCWANA | CHECKED R. BUCKLE | ECOA P16 ENG 20240205 |

DRAWING STATUS
FOR TENDER

DRAWING NUMBER
P3589-C-BE-007

REV
B

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