

**APPENDIX 9. LIDAR SURVEY AND SECTION GRADIENTS**



**IMPORTANT NOTE:**  
No underground services have been located. All underground services must be identified prior to any excavation or construction work on site.

|                                     |            |                 |      |       |
|-------------------------------------|------------|-----------------|------|-------|
| 0                                   | 11/09/2023 | INITIAL RELEASE | DJR  | MM    |
| REV                                 | DATE       | DESCRIPTION     | CALC | FIELD |
| ADDITIONS, AMENDMENTS AND APPROVALS |            |                 |      |       |

**IMPORTANT NOTE:**  
Contours derived from LIDAR point cloud data accessed from the Department of Environment and Water.  
Positional accuracies reported by DEW +/-4.2cm (95% confidence interval).  
Vertical datum: AHD  
(Ausgeoid2020) Capture in 2022.  
Products derived from this data generate accuracies of between 30 and 50cm.

**COORDINATE SYSTEM**  
VERTICAL: AHD  
HORIZONTAL: GROUND PLANE ORIENTED  
TO: MGA 20 ZONE 54  
SCALE: GROUND (CSF = 1.000 107 396 )

**ADOPTED STATION & AUTHORITY**  
PSM 6628/28508 RL: 170.681 SDB  
PSM 6628/28508 E: 291596.623 SDB  
N: 6141881.441 SDB  
SDB denotes SA Government survey data base values

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1:500

Scale bar: 0 5 10 20 30 40 50 m

Notes:  
Property boundaries and easements shown hereon have been compiled from government records and show discrepancies to Certificate of Title dimensions.  
Boundaries have not been verified by field survey.  
Construction or design on or near boundaries or easements will require additional survey work.

CONTOUR INTERVAL: MIN: 0.20m MAJ: 1.00m  
SURVEY: MM 07/09/2023  
DRAWN: DJR 11/09/2023  
CHECKED: MRE 11/09/2023

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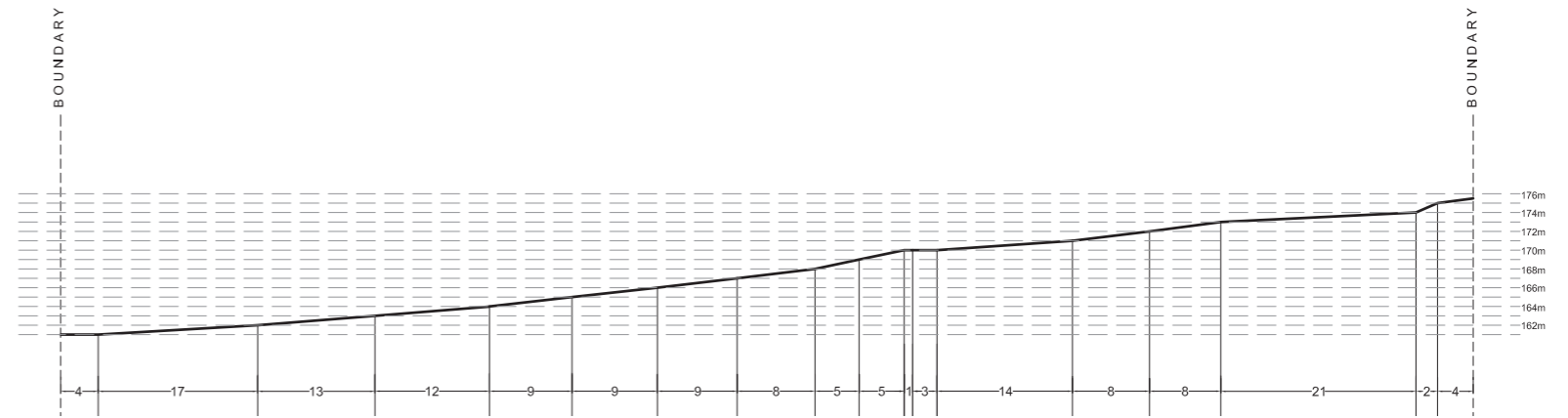
+ Property + Land Development +  
+ Construction + Mining +  
+ Spatial Information Management +

**LIDAR CONTOUR SURVEY**  
**10-20 HALLS ROAD**  
**HIGHBURY**

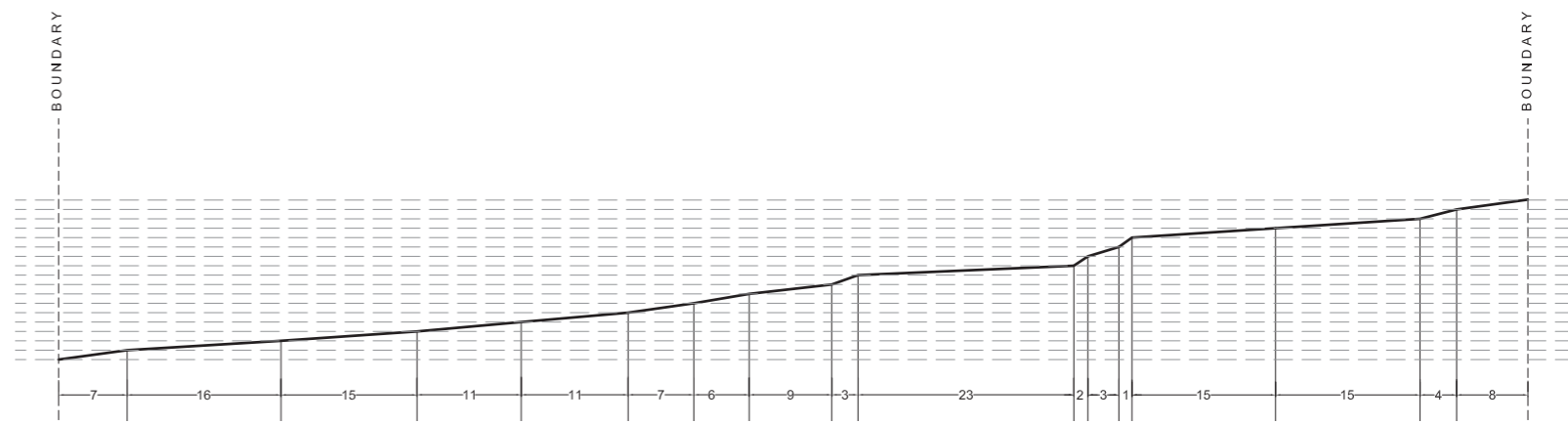
DRAWING No. SHEET 1 OF 1 REVISION  
23A1922 Detail(0) MGA20P 0



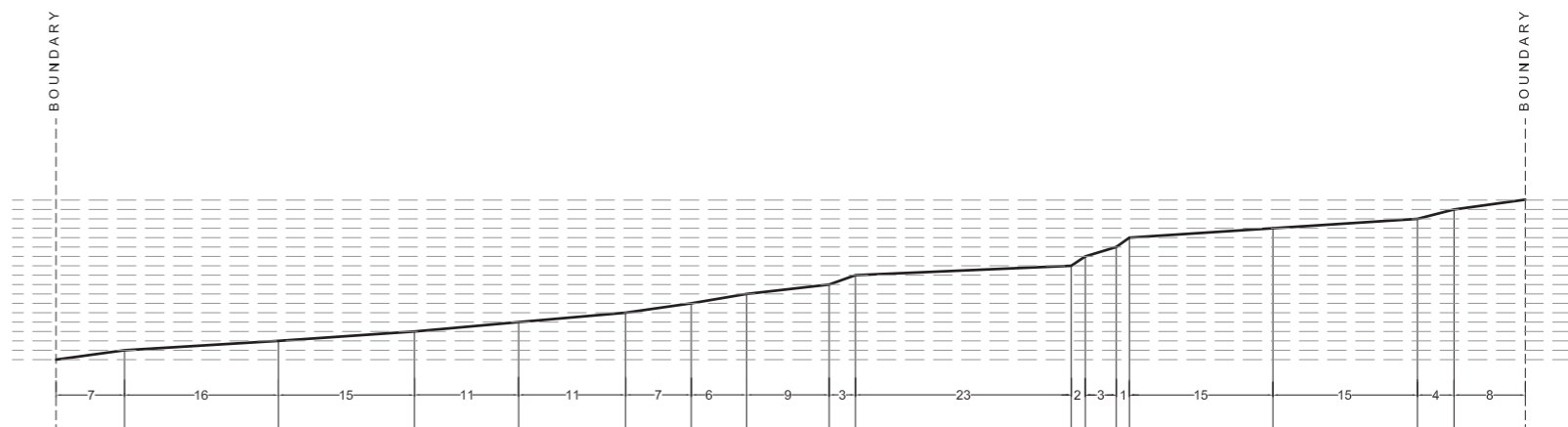
Site Plan  
Scale 1:3000



**S1** - Cross-section 1 - Gradient 9.6%  
Scale 1:2000



**S2** - Cross-section 2 - Gradient 10.8%  
Scale 1:2000



**S3** - Cross-section 3 - Gradient 11.1%  
Scale 1:2000

Plan Production: 23/10/2023

**Affected Area  
Cross Sections**

10-20 Halls Road,  
Highbury

**LEGEND**

--- Affected Area Boundary

October 2023  
Revision A  
Scale 1:3000 at A3

