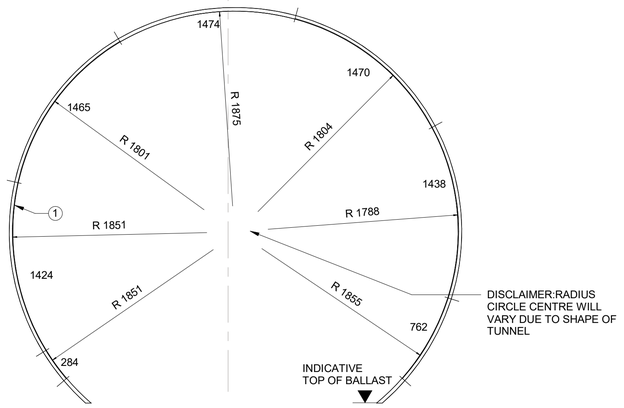
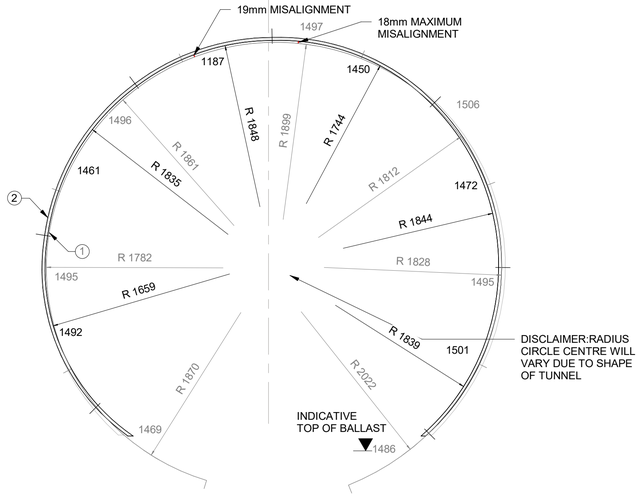


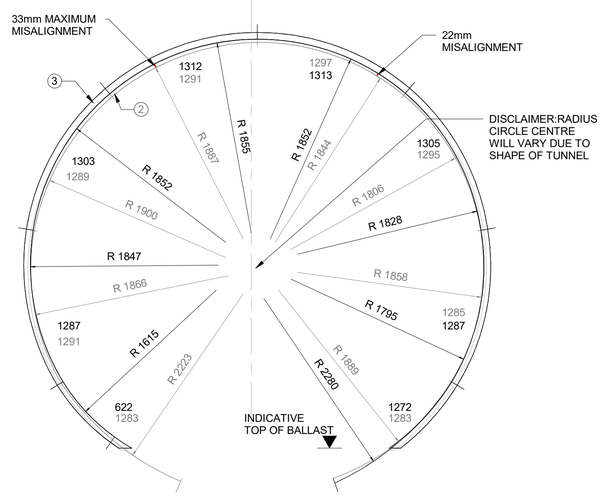
1 SECTION AT CHAINAGE 0m

1 : 25



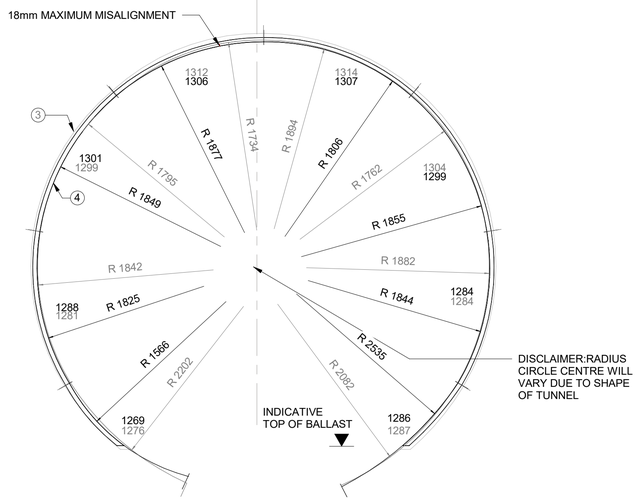
2 SECTION AT CHAINAGE 15.380m TO 15.395m

1 : 25



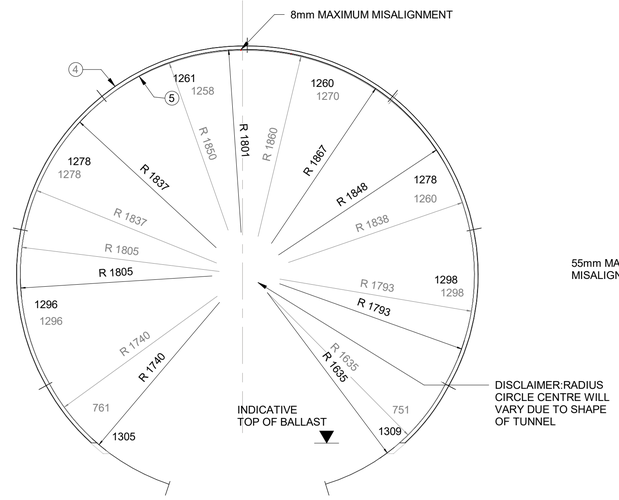
3 SECTION AT CHAINAGE 30.872m TO 30.892m

1 : 25



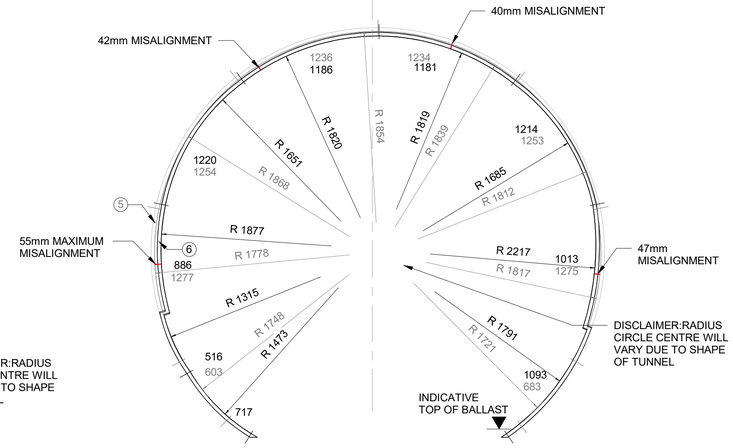
4 SECTION AT CHAINAGE 38.898m TO 38.918m

1 : 25



5 SECTION AT CHAINAGE 54.405m TO 54.420m

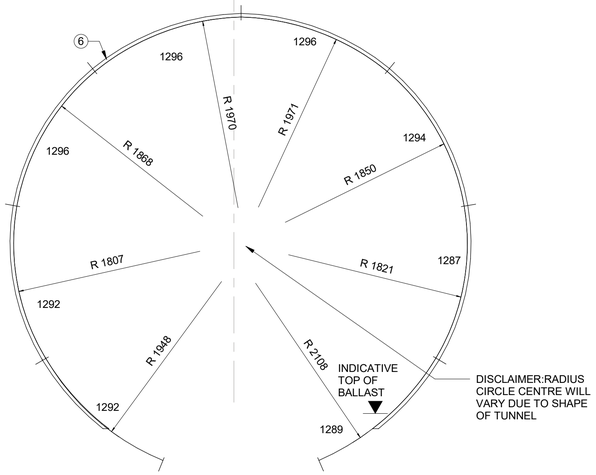
1 : 25



6 SECTION AT CHAINAGE 61.790m

1 : 25

TUNNEL PROFILE DATA		
MEMBER REF	THICKNESS	LENGTH
1	30mm	15.380m
2	30mm	15.477m
3	55mm	8.006m
4	30mm	15.487m
5	30mm	7.370m
6	30mm	8.018m



7 SECTION AT CHAINAGE 69.808m

1 : 25

NOTES:

1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS ARE MILLIMETRES U.N.O.
3. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM U.N.O.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND SCHEDULE OF WORKS.
5. THIS DRAWING IS TO BE READ IN CONJUCTION WITH DRAWINGS:
   PE11495-GRDL-00-XX-DR-C-A101
   PE11495-GRDL-00-XX-DR-C-A103
   PE11495-GRDL-00-XX-DR-C-A104
6. TUNNEL GEOMETRY AROUND BALLAST MAY NOT BE ACCURATE DUE TO UNCLEAR POINTCLOUD DATA.
7. GAPS MEASURED ON 16 JANUARY 2020 (IN MM AT SIDES OF TUNNEL SEGMENTS.)
8. MODEL DRAWN FROM POINT CLOUD SURVEY

LEGEND:

- TUNNEL IN SECTION BACKGROUND
- TUNNEL IN SECTION FOREGROUND
- MISALIGNMENT INDICATION

Re	Date	Amendment		
T1	31/01/2020	TENDER	RGB	LC
P1	31/01/2020	PRELIMINARY	RGB	LC

Giraffe Research & Design Ltd
Consulting Civil & Structural Engineers
314 Sandygate Road
Sheffield, S10 5SE

Project: HY - TUNNEL

Client: HSE

Drawing Title: MISALIGNMENTS OF SEGMENTS SECTIONS

LC	RGB	RGB
GRDL Ref: PE11495	Scale: As indicated	Sheet: A1
Revision Status: T1	Suitability Status: D2	Date: 27/12/2019

Suitability Description: TENDER

Drawing Reference: Project - Originator - Zone - Level - Type - Discipline - Number
PE11495 -GRDL -00 -XX -DR -C -A102

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