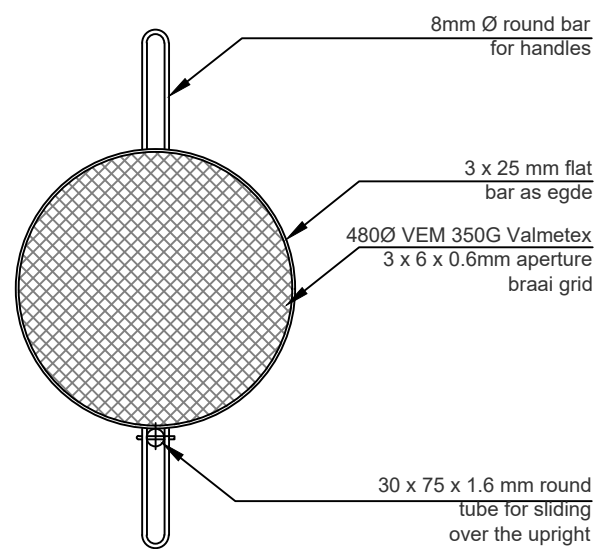
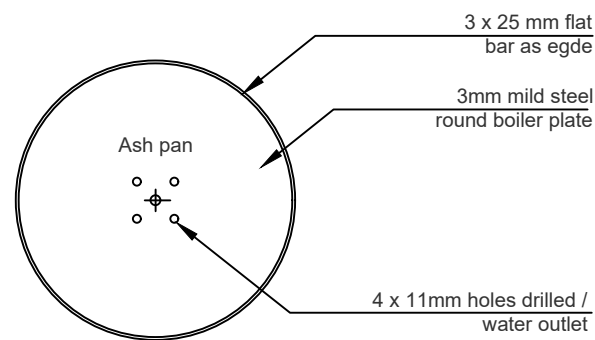


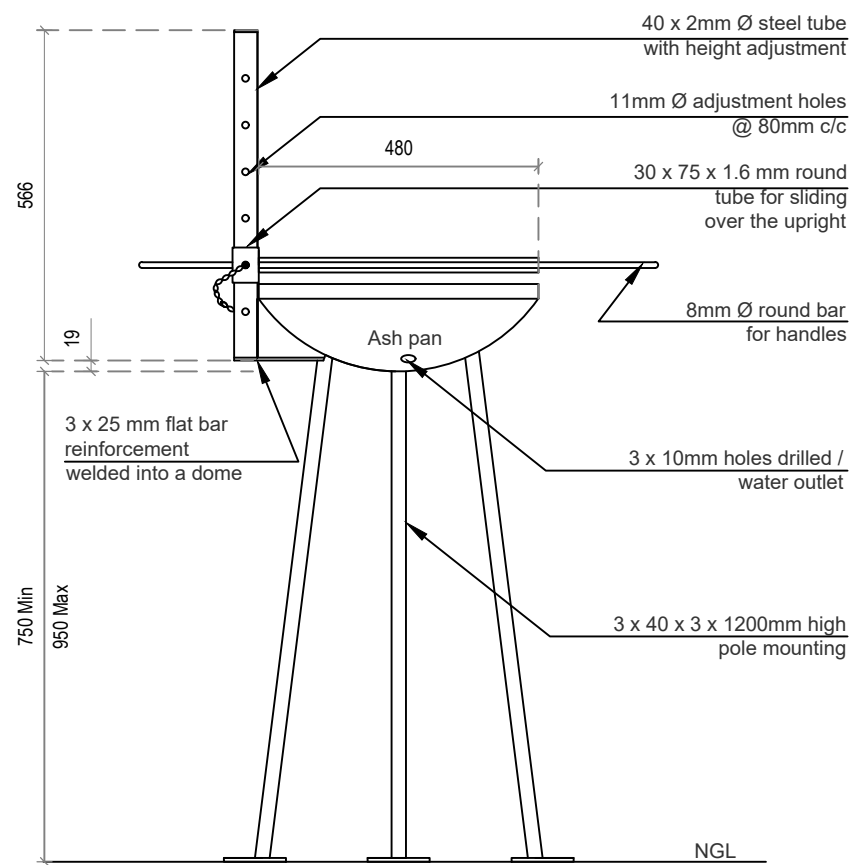
**MOUNTED BRAAI**  
SCALE 1:20



**PLAN OF GRID**  
SCALE 1:20



**PLAN OF ASH PAN**  
SCALE 1:20



**3 - LEGGED BRAAI**  
SCALE 1:20

THIS DRAWING IS NOT TO BE SCALED.  
WORK TO INDICATED DIMENSIONS ONLY.

NO.	DATE	REVISIONS

NOTES:

- DRAWINGS NOT TO BE SCALED. DIMENSIONS ARE AS INDICATED OR MUST BE DEDUCED FROM INFORMATION SUPPLIED.
- DRAWINGS MUST BE READ IN CONJUNCTION WITH THOSE OF THE ARCHITECT TO COMPARE DIMENSIONS, DETAILS, OPENINGS & SLEEVES. DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT / ENGINEER FOR A REPLY PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL MATERIAL & WORKMANSHIP MUST COMPLY WITH THE LATEST REVISED EDITIONS OF THE APPLICABLE SABS SPECIFICATIONS & CODES OF PRACTICE AND IN PARTICULAR WITH THE FOLLOWING STANDARD SPECIFICATIONS:
  - SABS 1200 D: EARTHWORKS SABS
  - 1200 G: CONCRETE (STRUCTURAL)
  - SABS 1200 H: STRUCTURAL STEELWORK
- NO CONCRETE MAY BE CAST WITHOUT THE PRIOR WRITTEN APPROVAL OF THE EXCAVATIONS AND THE REINFORCEMENT BY THE ENGINEER.
- WRITTEN APPROVAL MUST BE OBTAINED FROM THE ENGINEER TO USE READY MIXED CONCRETE. TO PUMP CONCRETE TO USE ADMIXTURES OR TO USE ANY CEMENT OTHER THAN PORTLAND CEMENT TO SABS 471.
- BUILDING TOLERANCES WITH RESPECT TO CONCRETE WORK WITH SABS 1200 G (SUB CLAUSE 6.2.1) WITH A GRADE (DEGREE) OF ACCURACY, UNLESS OTHERWISE SHOWN.
- FORMWORK TO BE RIGIDLY CONSTRUCTED TO THE EXACT DIMENSIONS OF CONCRETE MEMBERS. UNLESS OTHERWISE SHOWN, SOFFITS OF BEAMS & SLABS MUST HAVE A POSITIVE CAMBER OF 1.5mm FOR EACH 1M OF SPAN.
- ALL CONCRETE TO ATTAIN THE MINIMUM CUBE STRENGTHS AT 28 DAYS WITH THE AGGREGATE SIZES AS DETAILED BELOW, ALL IN ACCORDANCE WITH SABS 1200 G:
 

COLUMNS	30/19
LIFT SHAFTS	30/19
BEAMS	20/19
SURFACE BED (FACTORY)	30/19
SURFACE BED (HOUSE)	20/19
FOOTINGS	20/19
RETAINING WALLS	20/19
- PROVIDE A 50 mm BLINDING LAYER UNDER ALL REINFORCED CONCRETE FOUNDATIONS, ONLY WHERE DIRECTED BY ENGINEER.
- REINFORCEMENT MUST BE SECURELY FIXED IN THE CORRECT POSITIONS SUCH THAT DISPLACEMENT DOES NOT OCCUR DURING CASTING OF CONCRETE. ALL CONCRETE, UNLESS OTHERWISE SPECIFIED, MUST BE COMPACTED TO SUB CLAUSES 4.4 AND 5.5.6 OF SABS 1200 G.
- CONSTRUCTION JOINT POSITIONS TO BE APPROVED BY THE ENGINEER PRIOR TO CASTING.
- BRICK WALLS SHOWN SHADED ON THE DRAWINGS ARE LOAD BEARING AND MUST BE BUILT TO SOFFIT LEVEL BEFORE CONCRETE IS CAST. SELECTED HIGH QUALITY BRICKS, WITH A MINIMUM COMPRESSIVE STRENGTH OF 20 MPa, MUST BE USED. MORTAR FOR LOAD BEARING WALLS TO CONSIST OF 1 CEMENT AND 4 SAND MIXTURE AND ALL CAVITIES MUST BE FILLED. PROVIDE ONE LAYER BRICKWORK IN EVERY FIVE BRICK COURSES. BEARINGS AS DETAILED MUST BE PROVIDED BETWEEN REINFORCED CONCRETE MEMBERS AND BRICKWORK.
- IN THE EVENT OF CONFLICT BETWEEN THE VARIOUS SPECIFICATIONS, THE CONSECUTIVE ORDER OF THE SPECIFICATIONS LISTED IN THE FOLLOWING LIST SHALL TAKE PRECEDENCE:
  - ENGINEERS DETAILED DRAWINGS
  - PROJECT AND/OR ADDITIONAL SPECIFICATIONS
  - STANDARD SPECIFICATIONS SABS 1200
  - QUANTITY SURVEYORS PRELIMINARY BILL OF QUANTITIES
- THE DESIGN CODES ARE: (WHERE APPLICABLE)
  - SABS 0160 - LOADINGS
  - SABS 0161 - FOUNDATIONS
  - SABS 0162 - STRUCTURAL STEEL
  - SABS 0163 - STRUCTURAL TIMBER
  - SABS 0164 - STRUCTURAL MASONRY
- THE CONTRACTOR IS RESPONSIBLE FOR PREPARING SHOP DETAILS TO SUB CLAUSE 5.1.2 OF SABS 1200 H.
- THE FOUNDATIONS HAVE BEEN DESIGNED FOR A SAFE GROUND PRESSURE OF 80 kN/m<sup>2</sup>.
- THE STRUCTURAL STEEL SPECIFICATION TO BE FOUND ON THE STRUCTURAL STEEL DRAWINGS.

DRAWING OFFICE (KNP)  
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DESIGNED BY	ERIK MASHA
CHECKED BY	
DATE	11/10/2023
SCALE	AS INDICATED
PAPER SIZE	A4

**TECHNICAL SERVICES DEPARTMENT**  
KRUGER NATIONAL PARK

PROJECT  
PROPOSED NEW BRAAI SPECIFICATION  
BRAAI LAYOUT AND DETAILS

**FOR APPROVAL**

APPROVED BY	
HOD TECHNICAL SERVICES	DATE
ARCHITECT	DATE
ELECTRICAL ENGINEER	DATE
CIVIL AND STRUCTURAL ENGINEER	DATE
CLIENT	DATE

2023/POD      P001/01      00