

## BRIDGE FOUNDATION PLAN

SCALE 1:100

GENERAL NOTE:

1. ALL DIMENSIONS, INCLUDING SETTING OUT, TO BE VERIFIED ON SITE BY CONTRACTOR AND ALL DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
2. ALL CONSTRUCTION/MANUFACTURE TO BE IN ACCORDANCE WITH SABS 2020, SABS 0400 AND LOCAL AUTHORITY BUILDING REGULATIONS.
3. ALL DIMENSIONS TO REMAIN UNLESS OTHERWISE NOTED.
4. THE GENERAL NOTES MUST BE READ IN CONJUNCTION WITH THE CONTRACT DOCUMENTS AND OTHER RELEVANT NOTES TO CONTRACT, EXAMINATIONS AND OTHER RELEVANT NOTES TO CONTRACT.
5. ALL CONDUCTION DOCUMENTS TO BE COMPLETED.
6. BACKFILL UNDER STREET FLEETS TO BE COMPACTED AS PER SPEC. AND TREATED WITH SOIL POISON ACCORDING TO LOCAL AUTHORITY SPEC.
7. COMPLETION TESTING OF BACKFILL TO BE CONDUCTED AS SPECIFIED BY THE ENGINEER. RESULTS TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

CONCRETE NOTES:

1. ALL AS IS CONCRETE TO ATAIN A MIN. COMPRESSIVE STRENGTH OF 2800 PSI AT 28 DAYS.
2. ALL REINFORCED STRUCTURAL CONCRETE TO ATAIN A MIN. COMPRESSIVE STRENGTH OF 3600 PSI AT 28 DAYS.
3. CONCRETE SHALL BE SUBMITTED FOR PLACING LOGS.
4. ALL CONCRETE MUST BE ALLOWED TO CURE FOR AT LEAST 7 DAYS UNDER DAM CONDITIONS OR WITH ALLOWED CURING COMPOUND.
5. ALL EXPOSED CONCRETE CORNERS TO BE CHAMFERED (2"min x 45°).
6. ALL REINFORCING TO BE 5mm U.O.N.
7. REINFORCING TO BE FREE FROM RUST OR ANY OTHER PARTICLES.
8. REINFORCEMENT LAP LENGTH TO BE 40 x  $\phi$  AND DOWN HOLE LENGTH 300mm MIN.
9. CONCRETE SPEARERS TO BE USED FOR BOTTOM AND VERTICAL REINFORCING.
10. ALL REINFORCING OF FORM WORK AS PER SABS 1010-2 TABLE 5.
11. TEMPORARY BRACES FOR THE REMOVAL OF FORM WORK AS PER SABS 1010-2 TABLE 2.
12. CONCRETE SLABS W/ NOT BE USED FOR STORAGE OF BUILDING MATERIALS DURING CONSTRUCTION.
13. CONCRETE W/ NOT BE USED AS SCAFFOLD FOR THE ENGINEER.
14. USINGS PROCEDURES OF CONSTRUCTION JOINTS.
- (a) GULF JOINTS SHOULD BE THOROUGHLY REINFORCED BY CHIPPING.
- (b) THE COURSE ARGEMENT SHOULD PROJECT AT LEAST 5mm BEYOND THE SIBERONUMDUM WALL.
- (c) CHIPPING SHOULD NOT COMEQUATE UNIL 48HRS AFTER CASTING.
15. CONCRETE TO CURE WITH SABS 1023-1/194 FOR 15 DAYS MINIMUM.
16. ALL ADJUSTIVES TO BE APPROVED BY ENGINEER.
17. CONCRETE SURFACE FINISHES TO BE IN ACCORDANCE WITH SABS FORMED SURFACES AND AS PER ARCHITECT'S SPECIF.

| CO-ORDINATES WGS 84 Lo 31° |                      | METRES        |                             |
|----------------------------|----------------------|---------------|-----------------------------|
| STATION                    | INTERNATIONAL METRES |               | TOP OF FOUNDATION ELEVATION |
|                            | Y                    | X             |                             |
| SOP A1                     | 58 883.535           | 3 401 757.300 | 93.000                      |
| SOP I1                     | 58 882.028           | 3 401 753.058 | 90.220                      |
| SOP I2                     | 58 871.521           | 3 401 728.816 | 90.220                      |
| SOP A2                     | 59 860.513           | 3 401 714.574 | 93.000                      |
|                            |                      |               |                             |
|                            |                      |               |                             |
|                            |                      |               |                             |
| CO-ORDINATES WGS 84 Lo 31° |                      |               | METRES                      |
| Station                    | Y                    | X             | Z                           |
| BM 05                      | 58 885.507           | 3 401 704.486 | 99.876                      |
| BM 04                      | 58 715.285           | 3 401 793.686 | 105.874                     |
|                            |                      |               |                             |


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# DIKWE PEDESTRIAN BRIDGE

DRAWING TITLE:  
**PROPOSED PEDESTRIAN BRIDGE  
FOUNDATION LAYOUT**

|             |                   |            |
|-------------|-------------------|------------|
| DESIGNED BY | F.P.              | DATE       |
| APPROVED BY | R.S.M             | 25-10-2018 |
| DISCIPLINE  | SCALE             | PAPER SIZE |
| CIVIL       | AS SHOWN          | A1         |
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| PROJECT STATUS |        |              |          |
|----------------|--------|--------------|----------|
| INFORMATION    | TENDER | CONSTRUCTION | AS BUILT |
|                | X      |              |          |

THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE SPECIFICATION DOCUMENT