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5/20157-2-001-S-E-DE-0001-01-00

STILLING BASIN - DETAILS

5/20157-2-001-S-E-DE-0002-01-00

STILLING BASIN - SECTIONS AND DETAILS

5/20157-2-001-S-E-DE-0003-01-00

STILLING BASIN - BEAMS

5/20157-2-001-S-E-DE-0004-01-00

STILLING BASIN - S & S - GENERAL ARRANGEMENTS

5/20157-2-001-S-E-DE-0005-01-00

STILLING BASIN - LAYOUTS

5/20157-2-001-S-E-DE-0006-01-00

STILLING BASIN - SECTIONS AND DETAILS

DRAWING NO.

REFERENCE

REFERENCE DRAWINGS

1. THE CONTRACTOR SHALL ALLOW FOR ALL STANDARDS/SPECIFICATIONS WHICH ARE REFERRED TO IN THESE NOTES AND WHICH ARE APPLICABLE ON SITE.
DRAWINGS MUST NOT BE SCALED. ONLY 1/1000 SCALE DIMENSIONS SHALL BE USED.
3. ALL DIMENSIONS AND LEVELS SHALL BE VERIFIED ON SITE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO COMMENCEMENT OF WORK.
4. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
5. CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
a) CONCRETE WORK TO TRANSPORT'S SPECIFICATION S240 AND SANS 1200S.
b) CONCRETE PLACING TO BE DONE IN ACCORDANCE WITH SANS 1810 PART 2, CLAUSE 10.2.
c) CONCRETE CURB STRENGTHS ARE CHARACTERISTIC STRENGTHS TO SANS 10100 PARTS 1 AND 2.
d) CONCRETE STRENGTHS AT 28 DAYS.

8. ALL EXPOSED CONCRETE TO BE CHAMFERED 20mm x 20mm UNLESS OTHERWISE SHOWN.
9. REINFORCEMENT SHALL COMPLY WITH SANS 602 AND BENT TO SANS 262.
10. FABRICATORS TO SUBMIT TWO COPIES OF ALL SHOP DRAWINGS TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO THE COMMENCEMENT OF FABRICATION.
11. 400MPa.
12. (ONLY REINFORCEMENT FABRICATED UNDER THE SANS MARK SCHEME SHALL BE DEEMED TO COMPLY WITH SANS REQUIREMENTS).
13. 50mm MAX. BULKING SHALL BE PROVIDED.
14. FORMWORK AND SURFACE FINISH FORMED SURFACES:
a) VISIBLE SURFACE - SMOOTH
b) UNEXPOSED SURFACE - ROUGH
15. GROUT TO BE FLOWABLE SELF-LEVELLING EPOXY GROUT.
16. STEELWORK TO FABRICATED AND ERECTED IN ACCORDANCE WITH THE SPECIFICATIONS IN SANS 2001-C81.
17. ALL HOT-ROLLED STEEL SECTION AND PLATES TO GRADE S355JR TO EN10025.
18. CORROSION PROTECTION OF STEELWORK.
19. ALL STEELWORK INCLUDING BOLTS NUTS AND WASHERS SHALL BE HOT DIP GALVANIZED TO SANS 121 (ISO 1461).
20. FABRICATION WITH OVERSIZED THREADS SHALL BE USED TO COMPENSATE FOR THE GALVANIZING ON THE BOLT THREADS.

50mm
50mm
50mm

NO. ISSUED FOR GATE REVIEW
NO. DESCRIPTION
BY
CHKD
APP
DATE

CONTRACTOR / CONSULTANT

TRANSPORT CAPITAL PROJECTS

TITLE

NAME

SIGN

DATE

DRAWN

TS

10/10/23

CHECKED

SS

10/10/23

DESIGNED

TT

10/10/23

CHECKED

PM

10/10/23

OPERATING DIVISIONS

TITLE

NAME

SIGN

DATE

PRENS / PR TECH/PR ARCH

PROJECT NUMBER

CD

FBS

DS

TYPE

DRAWING NO.

SHEET

REV

ID

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REVISIONS

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SALDANHA STORMWATER MANAGEMENT

MULTIPURPOSE TERMINAL AREA

STILLING BASIN

WALLS REINFORCEMENT DETAILS