

- NOTES:**
- PRIOR TO THE INSTALLATION OF THE NEW UNDERGROUND WATER MAINS, TRIAL HOLES TO BE EXCAVATED ALONG THE ROUTE AND CONNECTION POINTS TO ESTABLISH THE POSITION OF ALL EXISTING SERVICES. THE FINAL POSITION OF THE NEW WATER MAINS SHALL BE CONFIRMED TO THE CONTRACTOR BY THE ENGINEER ONCE THE SERVICES HAVE BEEN EXPOSED.
  - INVERT LEVELS AND EXACT SIZE OF THE EXISTING WATER MAIN TIE IN POINTS TO BE MEASURED ON SITE PRIOR TO COMMENCING WITH CONSTRUCTION (SEE NOTE 7)
  - ALL STEEL PIPES AND FITTINGS UNDERGROUND TO BE PROTECTED AGAINST CORROSION BY WRAPPING WITH DENSO TAPE.
  - ALL STEEL FLANGES TO BE DRILLED TO SANS 1123 TABLE 1600 / 3 OR AS SPECIFIED.
  - ALL VALVES, FLANGE ADAPTORS & METERS TO BE CLASS 16 OR AS SPECIFIED.
  - GASKETS 3mm RUBBER INSERTION F.F.
  - DIMENSIONS OF ALL STEEL PIPE FITTINGS TO BE CHECKED ON SITE PRIOR TO MANUFACTURING.
  - 1000 PIPES INSIDE BUILDINGS - SCREWED NORMALIZED GALVANISED MILD STEEL PIPES (MEDIUM CLASS) TO BS.1387 AND FITTINGS TO SANS 509.
  - PIPE WORK IN GROUND - HIGH IMPACT CLASS 16uPVC PIPES SHOULDER ENDED TO SUIT VICTUALIC COUPLINGS - MINEFLO OR SIMILAR APPROVED TO SANS 1283 / 1982.
  - PIPES TO BE SUPPORTED AS INDICATED IN THE TABLE BELOW
  - PUMPS, MOTORS, PIPEWORK BETWEEN TANK AND PUMPS - CONTROL VALVES CONFIGURATION TO BE DESIGNED BY SPECIALISTS AND TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

PIPE DIAMETER	SPACING (METERS)
50	2,4
65	3,0
80	3,0
100	3,0
125	3,7
150	4,5

- NOTES**
- FOR GENERAL NOTES, REFER TO DRAWING: N/A
  - DRAWINGS ARE NOT TO BE SCALED. ALL LEVELS AND DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES TO BE BROUGHT TO THE ENGINEER / ARCHITECTS ATTENTION IMMEDIATELY
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SCHEDULES AND SPECIFICATIONS RELATED TO THIS PROJECT.
  - ALL BUILDING WORK AND MATERIALS ARE TO COMPLY WITH LOCAL AUTHORITY'S REQUIREMENTS AND ARE TO BE IN ACCORDANCE WITH SANS 10400 NATIONAL BUILDING REGULATIONS
  - ALL OPENINGS TO BE MEASURED ON SITE BEFORE MANUFACTURING OF DOORS, WINDOWS, GATES, LOUVRES, ROLLERSHUTTER DOORS, SHOPFRONTS ETC.
  - SPECIALIST TO CHECK & CONFIRM ALL WINDOWS & SHOPFRONT BEFORE MANUFACTURER.
  - ALL FINISHES AS PER SPECIFICATION DOCUMENT

NO.	DATE	DESCRIPTION	ISS BY

DESIGNED BY	W. J. OBERHOLZER	N/A
DRAWN BY	E. HUYSAMEN	N/A
DESIGNED CHECKED BY	S. ALLY	N/A
DRAWING CHECKED BY	W. J. OBERHOLZER	N/A

NAME	W. J. OBERHOLZER	DATE	2019-01-28
PROF REG. No.	201270058	SIGNATURE	

THE MASTER HELD AT THE AECOM CENTURION OFFICE BEARS THE ORIGINAL SIGNATURE OF APPROVAL

**BUILDING/FACILITY/ZONE**

OVERALL BUILDING SITE

**PROJECT NUMBER**

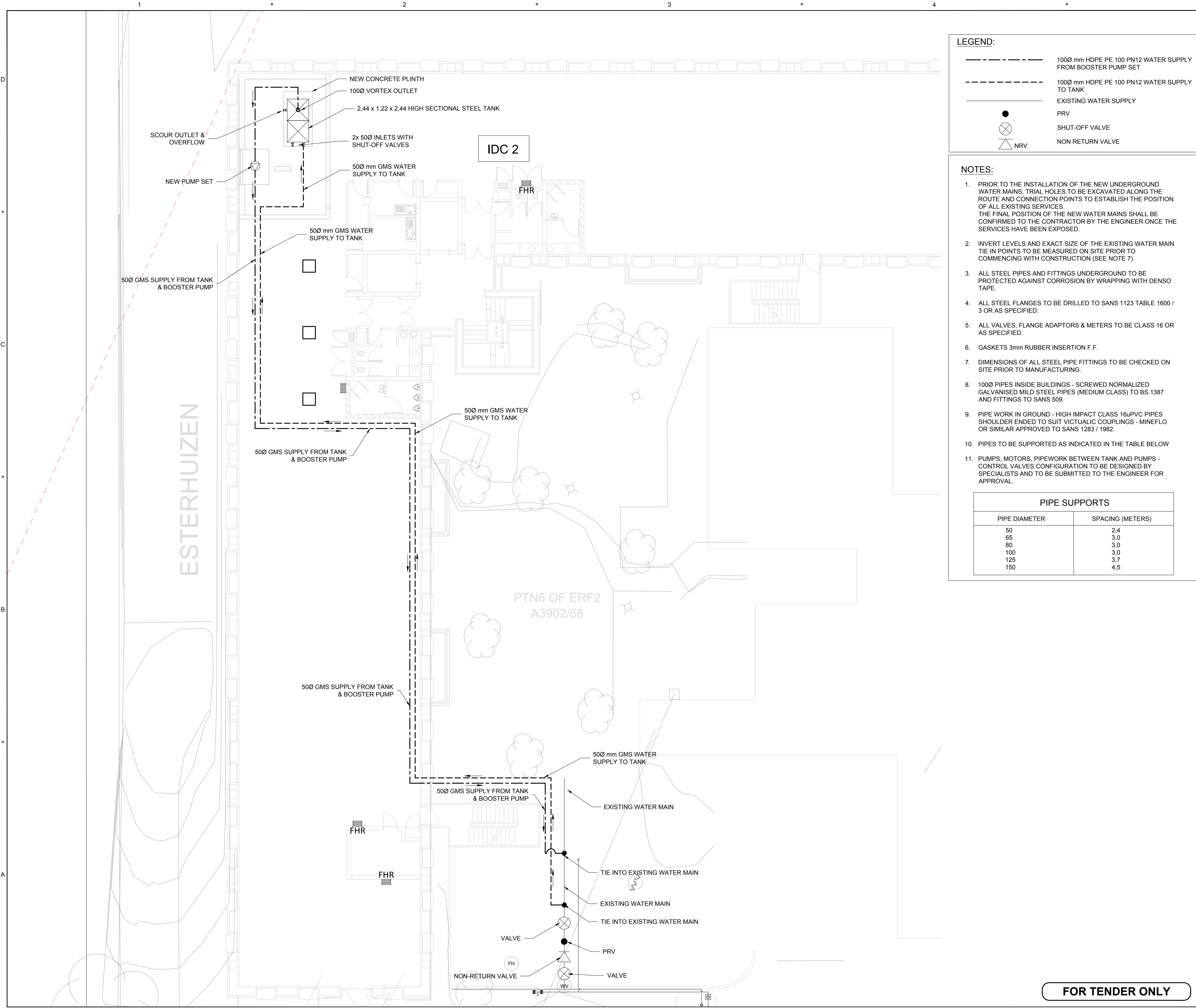
**60586065**

**SHEET TITLE**  
WATER RETICULATION TO AND FROM NEW SECTIONAL STEEL TANK - IDC 2

**DISCIPLINE**  
WET SERVICES

PROJECT	ORIG.	BS CODE	LEVEL	TYPE	ROLE	SERIAL NO.	STAT.	REV.
60586065-ACM-	00	-GF-DR	-PH-	010002	T - 0			

DRAFT # PRELIMINARY / TENDER / FINAL / CONSTRUCTION / AS-BUILT, RECORD / R/REPORT  
**SCALE 1:100**



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