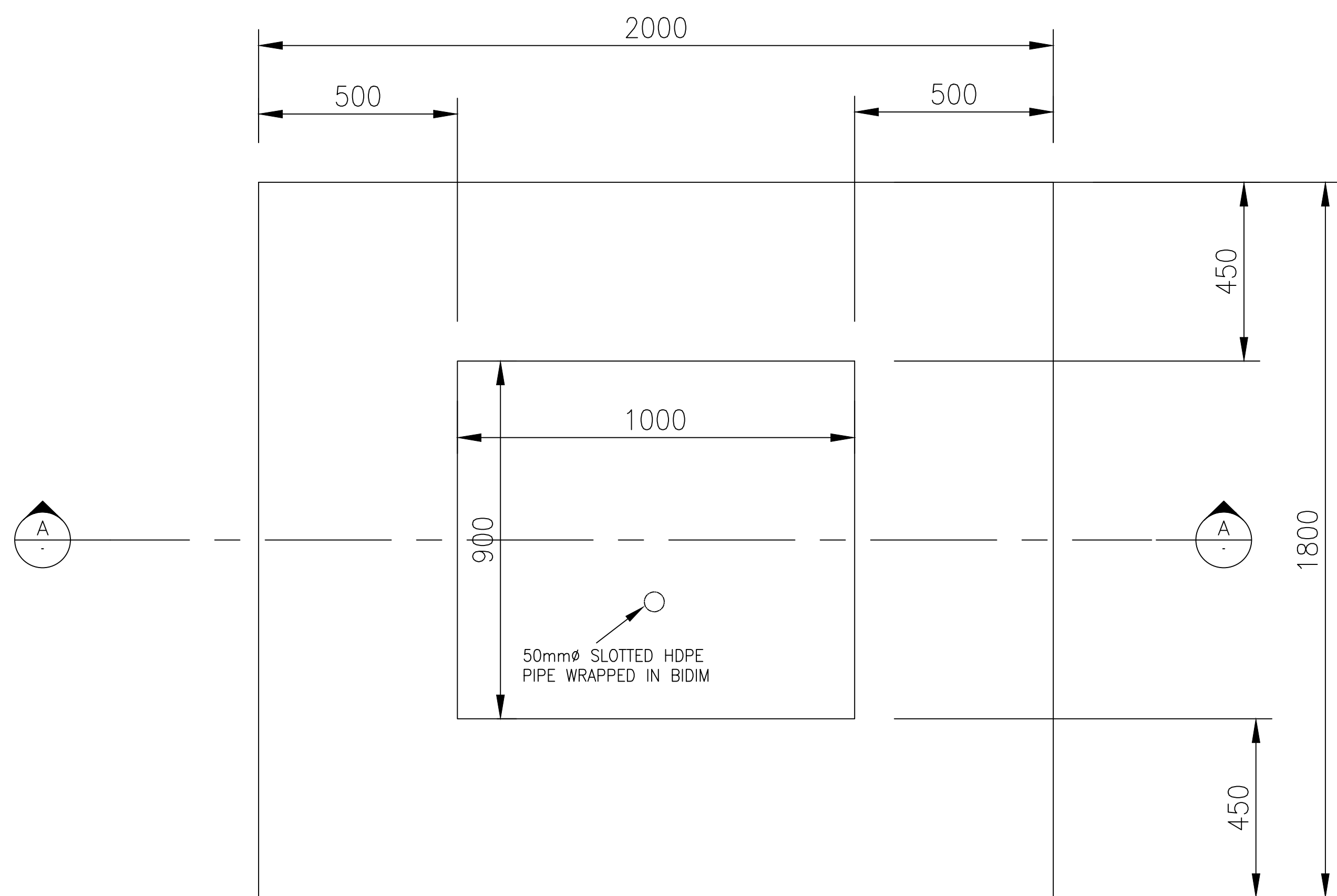
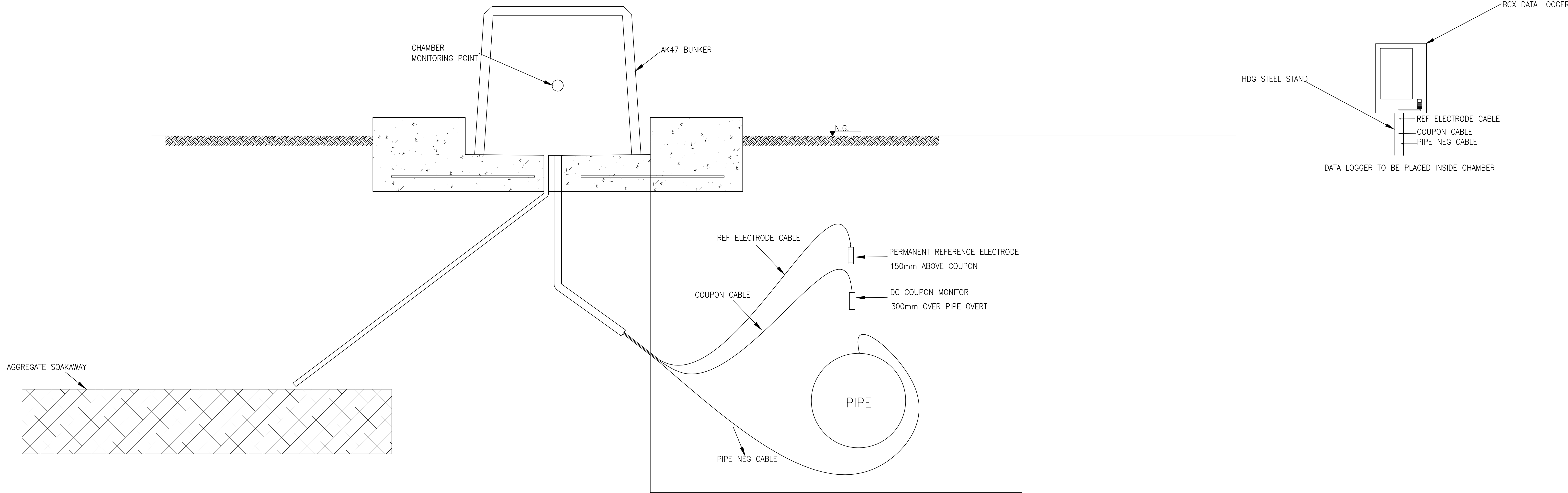


GENERAL NOTES

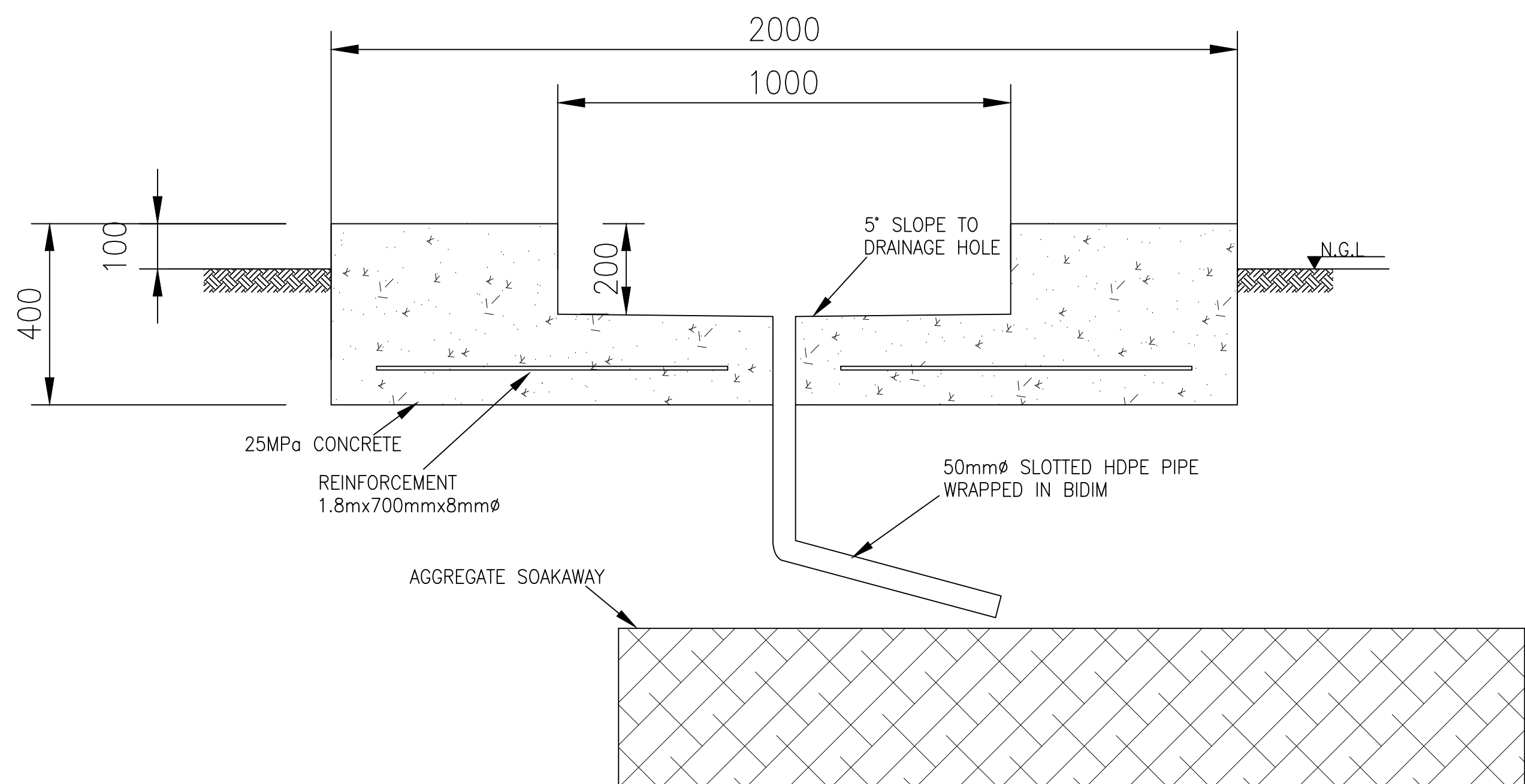
1. THE DRAWING SHALL BE READ IN CONJUNCTION WITH THE RAND WATER CATHODIC PROTECTION SYSTEM TECHNICAL SPECIFICATION REVISION 7.5. REV 3
2. STRUCTURE TO BE CONSTRUCTED IN ACCORDANCE TO WITH SANS SPECIFICATIONS AND RAND WATER SPECIFICATIONS.
3. ALL CONCRETE MIXES AND METHOD STATEMENTS TO BE APPROVED BY THE CIVIL DESIGN ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION..
4. ALL FOUNDATION EXCAVATIONS TO BE APPROVED BY THE ENGINEER PRIOR TO CASTING OF THE BLINDING LAYER.
5. ALL LEVELS AND DIMENSIONS WILL BE CHECKED ON SITE PRIOR TO CONSTRUCTION.
6. PREPARATION OF THE FOUNDATION AREA AN COMPACTION TO BE CARRIED OUT AS DESCRIBED IN TS019. E

CONCRETE NOTES

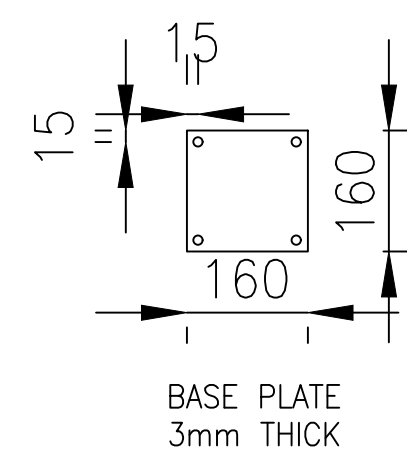
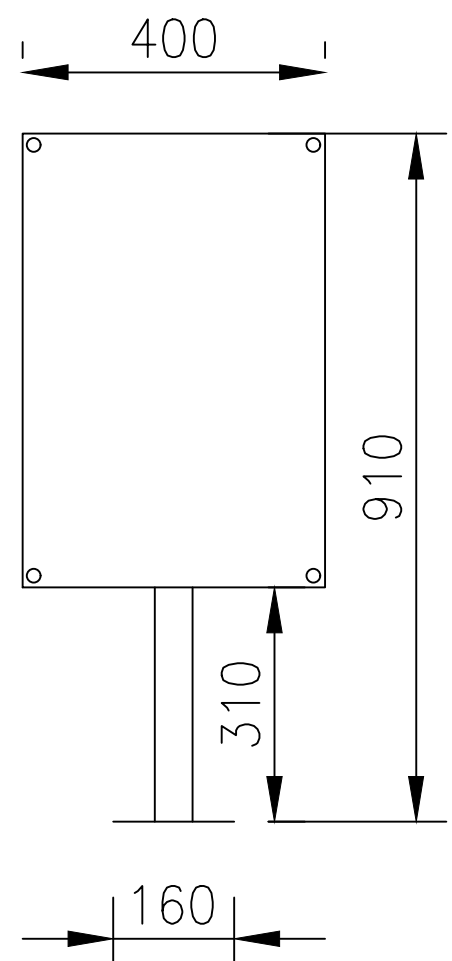
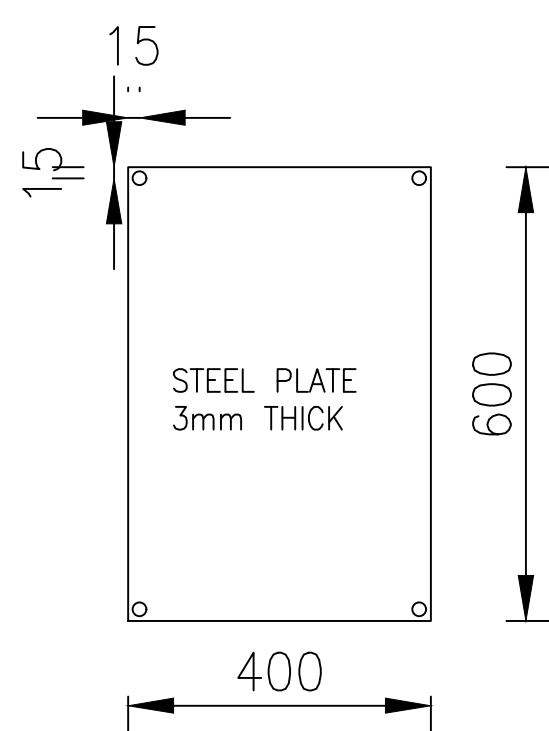
1. CONCRETE STRENGTH REQUIRE AT 28 DAYS:
a. ALL STRUCTURAL CONCRETE: 35 MPa
b. BLINDING AND SCREED: 15MPa
2. MAXIMUM COARSE AGGREGATE SIZE SHALL BE 19mm.
3. CURING OF CONCRETE SHALL BE CARRIED OUT STRICTLY IN ACCORDANCE TO SAB 1200G.
4. CURING METHOD STATEMENT TO BE APPROVE BY CIVIL DESIGN ENGINEER.
5. ONLY CONCRETE COVER BLOCKS TO BE USED ON SITE.
6. ALL EXPOSED SHARP EDGES TO HAVE 25 X25mm CHAMFER.
7. CONCRETE FINISHES TO FLOOR TO HAVE A SMOOTH WOOD FLOATED FINISH.
8. ALL CAST IN ITEMS TO BE SUPPLIED BY CONTRACTOR UNLESS OTHERWISE NOTED.
9. PRIOR TO DURASAFE INSTALLATION, EXCAVATE, PREPARE THE FOUNDATION AREA AN COMPACT IT AS DESCRIBED IN S019.
10. THE SLAB SHALL HAVE THE DIMENSIONS 6,5m LONG BY 2,5m WIDE AND 250mm THICK.
11. 110mm DIAMETER CABLE DUCTS SHALL BE INSTALLED SUCH THAT AC CABLE MAY BE BROUGHT TO THE ISOLATOR BOX MOUNT ON THE INSIDE FLOOR OF THE DURASAFE (THIS DUCT SHALL EXTEND TO THE EDGE OF THE SLAB) AND THEN FROM THE ISOLATOR TO A POSITION UNDER THE TRU. IN ADDITION A SEPARATE 110mm DIAMETER CABLE DUCT SHALL BE INSTALLED SUCH THAT THE POSITIVE, NEGATIVE, REFERENCE MONITOR AN EARTHING CABLES MAYBE BROUGHT TO A POINT VIA THE TRU-FRAME (THIS DUCT SHALL EXTEND TO THE EDGE OF THE SLAB)
12. REINFORCEMENT MESH OF 200mm BY 60mm SHALL BE INSTALLED INSIDE THE FOUNDATION.
13. THE CONTRACTOR SHALL PAINT THE CONCRETE DURASAFE AS PER SANS 731-2:2006.
14. THE GROUND AROUND THE FOUNDATION SHALL BE PROPERLY COMPACTED SO THAT IT DOES NOT CAVE IN ONCE THE DURASAFE HAS BEEN PLACED. THE FOUNDATION SHOULD BE LEVEL SO AS TO ALLOW FREE MOVEMENT OF THE DURASAFE WHEN OPENING AND CLOSING.



PLAN
1:10



SECTION A
1:10



BOX 1127
JOHANNESBURG
2000
TEL: 011-682-0911

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SAP No.		CHECKED BY	
CONTRACT No.		D.O.M. c. TUGARE	
DESIGNED BY	T.J. SELEKE	APPROVED	Pr Eng
DRAWN BY	T.J. SELEKE	REG. No.	
DATE	APR 2022	DATE	

AK47 BUNKER SATELLITE INSTALLATION
WITH CONCRETE BASE AND FRAME AND
CHASSIS FOR BCX DATA LOGGER

STATION	WKS	DOC. TYPE	S
AS SHOWN			

DRG No.R0 50991

