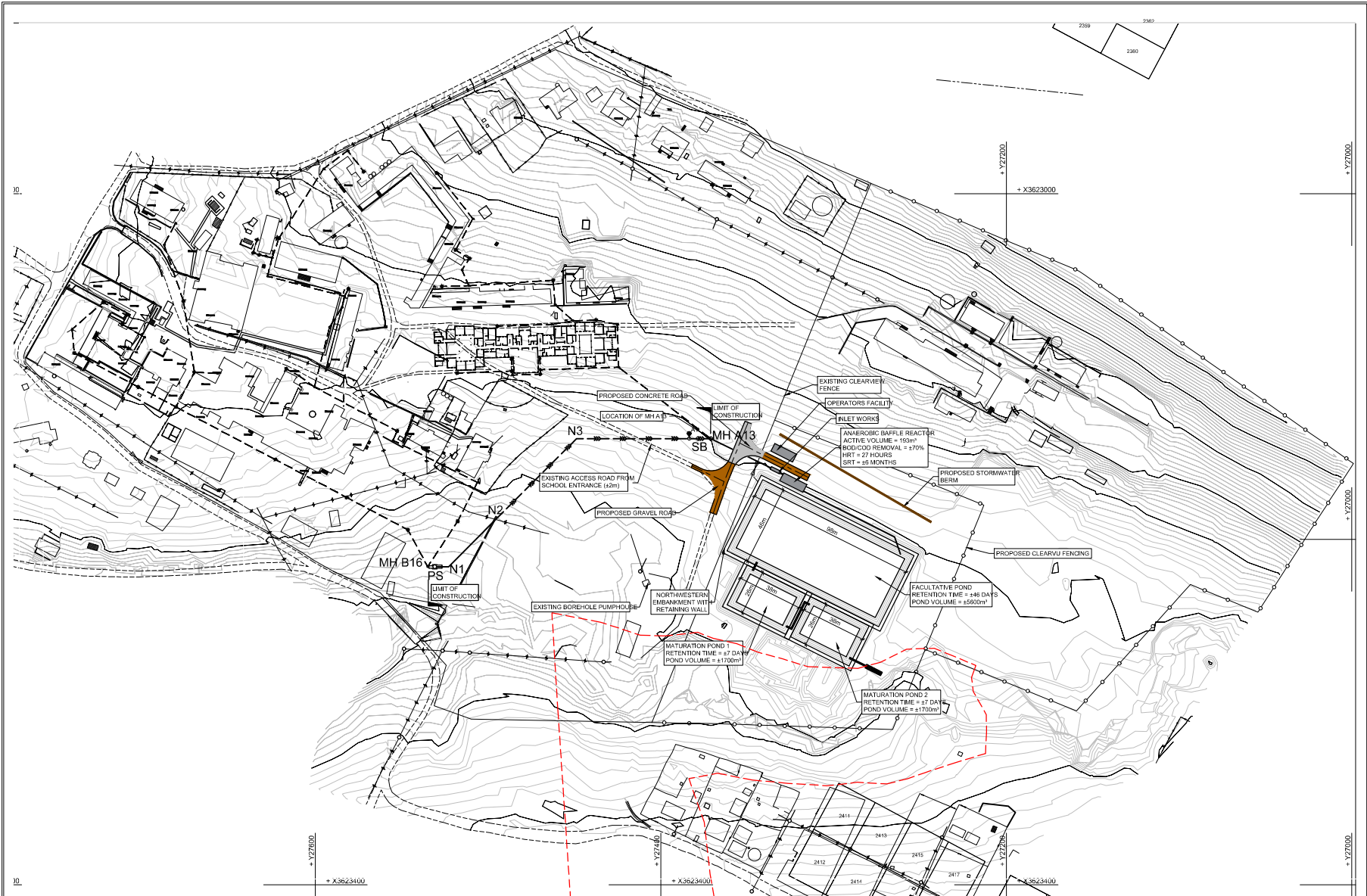
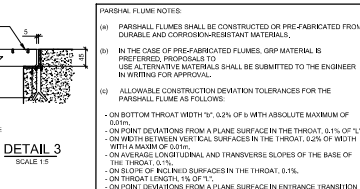
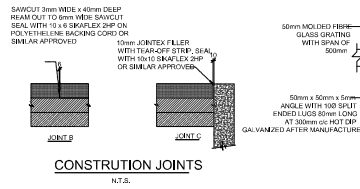
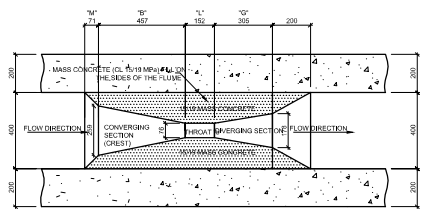
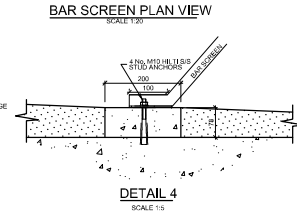
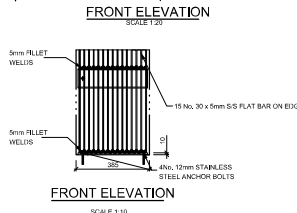
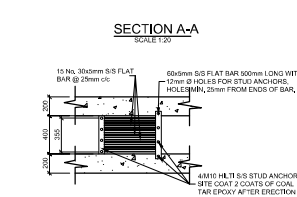
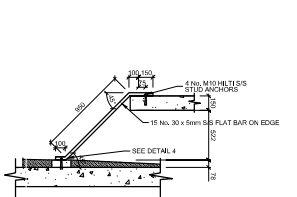
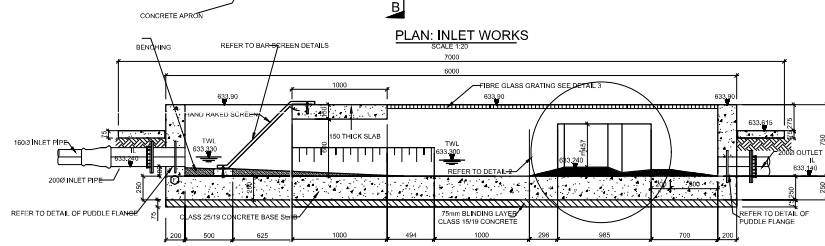
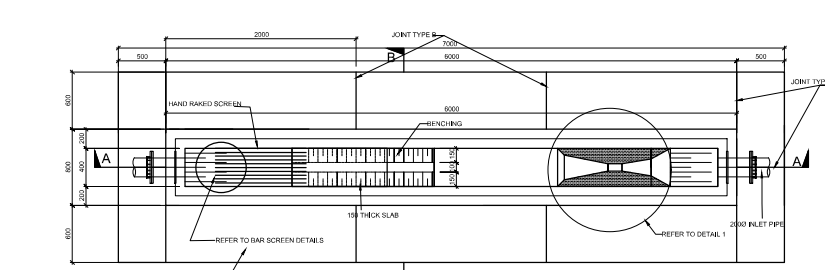
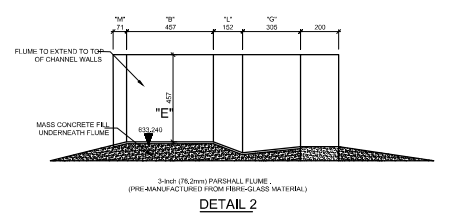
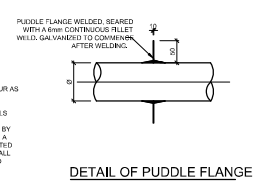
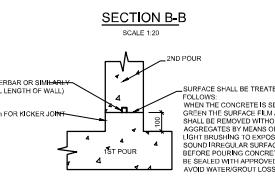
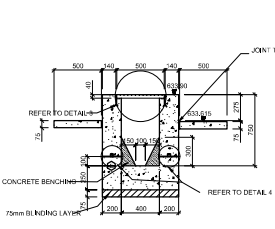




<table><tr><th>No.</th><th>REVISION BY</th><th>AMENDMENTS</th><th>DATE</th></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table>				No.	REVISION BY	AMENDMENTS	DATE																	 AMATOLA WATER 6 LANCASTER EAST LONDON 5247 PRETORIA, 0001 TEL: 043 787 3700	PROJECT: HEALDTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)	PROJECT NO: SCE-057	<table><tr><td>DESIGNED</td><td>XX</td></tr><tr><td>DRAWN</td><td>XX</td></tr><tr><td>CHECKED</td><td>XX</td></tr><tr><td>DATE</td><td>AUGUST 2022</td></tr></table>	DESIGNED	XX	DRAWN	XX	CHECKED	XX	DATE	AUGUST 2022	 Servinet CONSULTING ENGINEERS	SERVINET CONSULTING ENGINEERS FACTORY No. 39 SADA INDUSTRIAL PARK WHITTLESEA 5360 TEL: 076 730 6426	SCALE AS SHOWN	SHEET 1 OF 1
No.	REVISION BY	AMENDMENTS	DATE																																				
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DESCRIPTION: PROPOSED POND LAYOUT	CONTRACT No.: AW 2019/2028	APPROVED CONSULTING ENGINEER DATE: _____	DRAWING No SCE-HEALD-001	REVISION No _____																																			



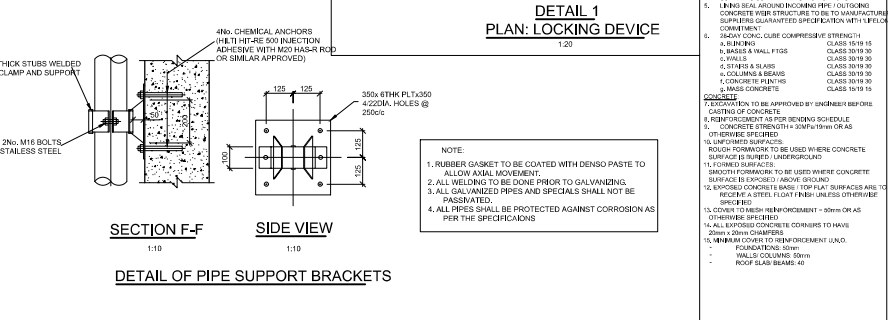
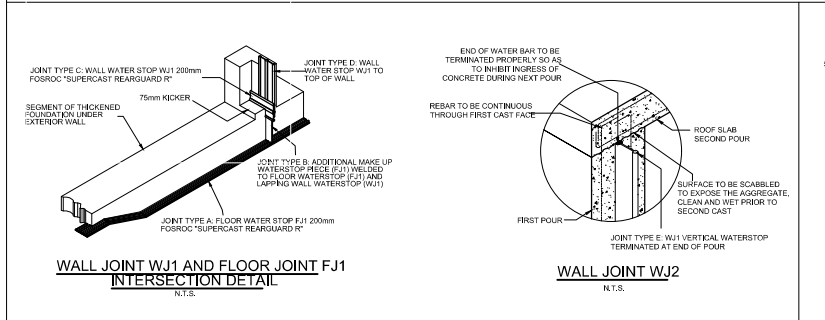
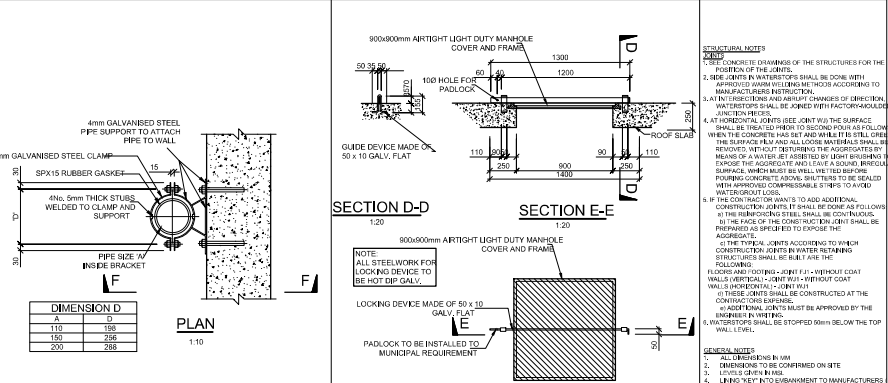
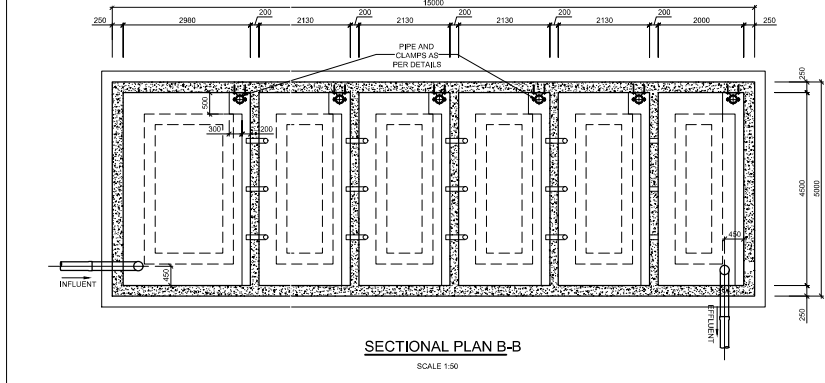
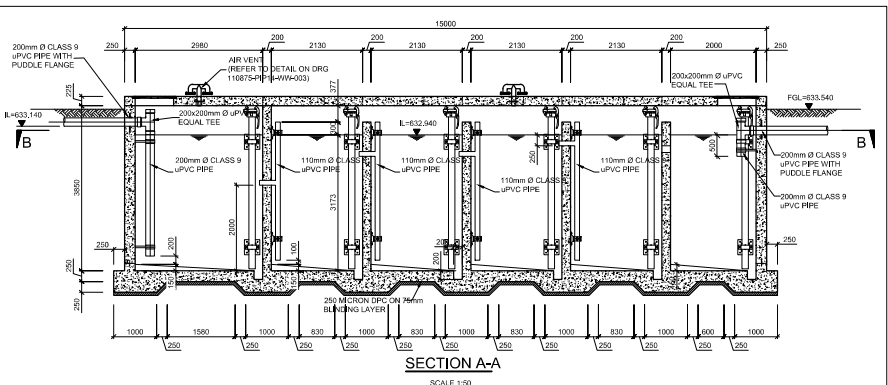
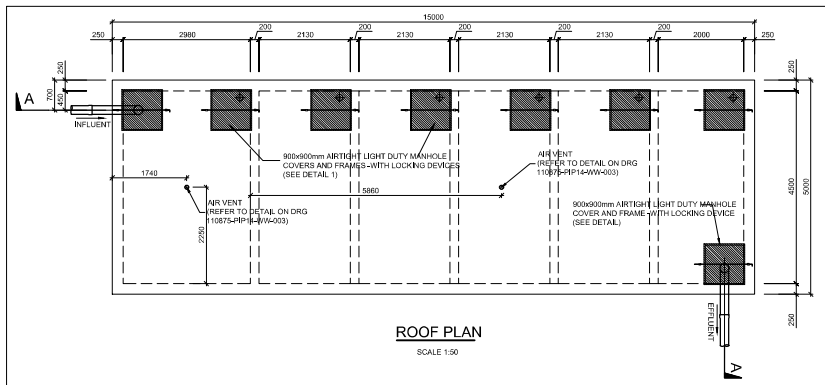
- PARSHALL FLUME NOTES:**
- PARSHALL FLUMES SHALL BE CONSTRUCTED OR PREFABRICATED FROM DURABLE AND CORROSION-RESISTANT MATERIALS.
 - IN THE CASE OF PREFABRICATED FLUMES, GFR MATERIAL IS PREFERRED. PROPOSALS TO USE ALTERNATIVE MATERIALS SHALL BE SUBMITTED TO THE ENGINEER IN WRITING FOR APPROVAL.
 - ALLOWABLE CONSTRUCTION DEVIATION TOLERANCES FOR THE PARSHALL FLUME AS FOLLOWS:
 - ON BOTTOM THROAT WIDTH 1/10, 0.2% OF B WITH ABSOLUTE MAXIMUM OF 3.0mm.
 - ON POINT DEVIATIONS FROM A PLANE SURFACE IN THE THROAT, 0.1% OF "L".
 - ON WIDTH BETWEEN VERTICAL SURFACES IN THE THROAT, 0.2% OF WIDTH WITH A MAXIMUM OF 3.0mm.
 - ON AVERAGE LONGITUDINAL AND TRANSVERSE SLOPES OF THE BASE OF THE THROAT, 0.1%.
 - ON SLOPE OF INCLINED SURFACES IN THE THROAT, 0.1%.
 - ON THROAT LENGTH, 1% OF "L".
 - ON POINT DEVIATIONS FROM A PLANE SURFACE IN ENTRANCE TRANSITION TO THE THROAT, 0.1% OF "L".
 - ON POINT DEVIATIONS FROM A PLANE SURFACE IN THE EXIT TRANSITION FROM THE THROAT, 0.2% OF "L".
 - ON DEVIATIONS FROM A PLANE OR CURVE ON OTHER VERTICAL OR INCLINED SURFACES, 1%.
 - ON DEVIATION FROM A PLANE OF THE BED OF THE LINED APPROACH CHANNEL, 0.1% OF "L".
 - THE STRUCTURE TO BE MEASURED ON COMPLETION OF CONSTRUCTION AND AVERAGE VALUES OF RELEVANT DIMENSIONS AND THEIR STANDARD DEVIATIONS AT 95% CONFIDENCE LIMITS SHALL BE COMPUTED.
 - THE AVERAGE VALUES OF DIMENSIONS TO BE USED FOR COMPUTING DISCHARGE OF THEIR STANDARD DEVIATIONS TO OBTAIN THE OVERALL UNCERTAINTY IN THE DETERMINATION OF DISCHARGE.
 - THE Voids BETWEEN THE FLUME AND THE CONCRETE WALLS AND UNDERNEATH TO BE CAREFULLY FILLED WITH CLASS 15/19 MASS CONCRETE.
 - A METHOD STATEMENT FOR CONSTRUCTING AND/OR INSTALLING THE FLUME TO BE SUBMITTED IN WRITING TO THE ENGINEER FOR APPROVAL.



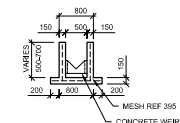
BAR SCREEN DETAILS

PARSHALL FLUME DETAILS

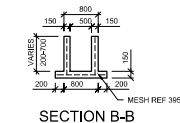
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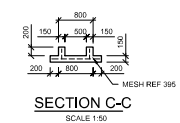
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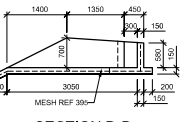
SECTION A-A



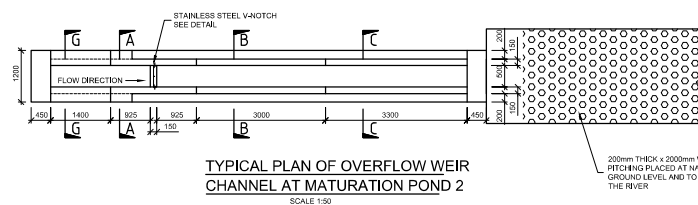
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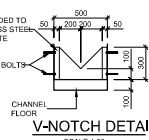
SECTION C-C



SECTION D-D

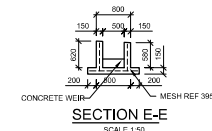


TYPICAL PLAN OF OVERFLOW WEIR
CHANNEL AT MATURATION POND 2

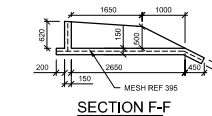


V-NOTCH DETAIL

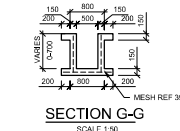
- | | |
|-----------|--|
| NOTES: | |
| GENERAL: | <ol style="list-style-type: none"> 1. ALL DIMENSIONS IN MM 2. DIMENSIONS TO BE CONFIRMED ON SITE 3. LEVELS GIVEN IN MSL 4. LINKING "KEY" INTO EMBANKMENT TO MANUFACTURERS / SUPPLIERS GUARANTEED SPECIFICATIONS 5. UNLESS OTHERWISE SPECIFIED, ALL SUPPLIES TO BE SUPPLIED BY THE SUPPLIER STRICTLY TO THE UNIFORM CONCRETE MANUFACTURERS SUPPLIERS GUARANTEED SPECIFICATION WITH LIFELONG COMMITMENT |
| CONCRETE: | <ol style="list-style-type: none"> 6. EXCAVATION TO BE APPROVED BY ENGINEER BEFORE CASTING OF CONCRETE 7. REINFORCEMENT AS PER ENDING SCHEDULE 8. CONCRETE STRENGTH $\geq 28\text{MPa}/18\text{mm}$ OR AS OTHERWISE SPECIFIED 9. UNFORMED SURFACES <ul style="list-style-type: none"> ROUGH FORMWORK TO BE USED WHERE CONCRETE SURFACE IS BURIED / UNDERGROUND SMOOTH FORMWORK TO BE USED WHERE CONCRETE SURFACE IS EXPOSED / ABOVE GROUND 10. ALL EXPOSED CONCRETE CORNERS TO BE ROUNDED AS REQUIRED TO MATCH A STEEL PLATE FINISH UNLESS OTHERWISE SPECIFIED 11. COVER TO REINFORCEMENT SPECIFIED - 50mm OR AS OTHERWISE SPECIFIED 12. ALL EXPOSED CONCRETE CORNERS TO HAVE 20mm x 20mm CHAMFER |



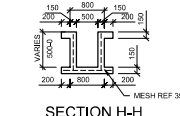
SECTION E-E



SECTION F-F



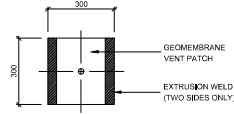
SECTION G-



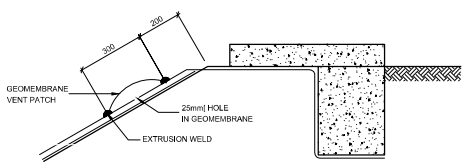
SECTION H-

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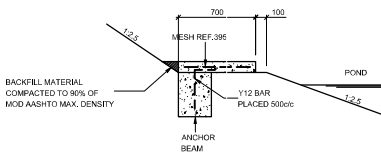
NOTE:
VENTS TO BE LOCATED AT 5m
INTERVALS ALONG PERIMETER
OF PONDS.



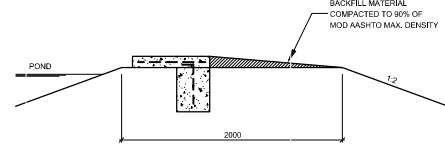
PLAN OF GAS-VENT
1:10



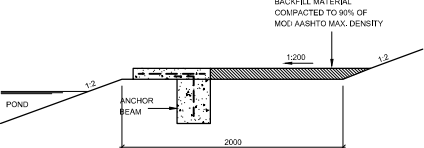
POSITION AND DETAIL OF GAS-VENTS
1:10



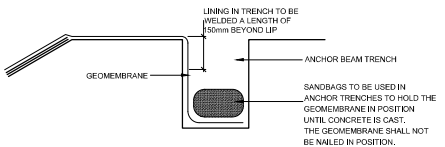
SECTION J-I
1:20



SECTION J-J
1:20

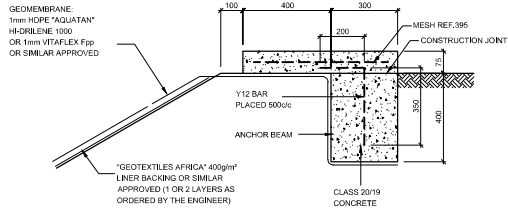


SECTION K-K
1:20

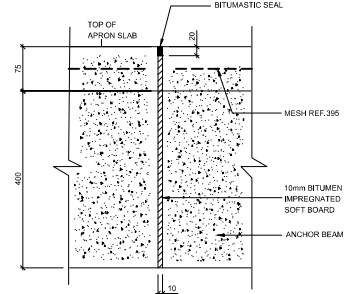


CONSTRUCTION DETAIL
1:10

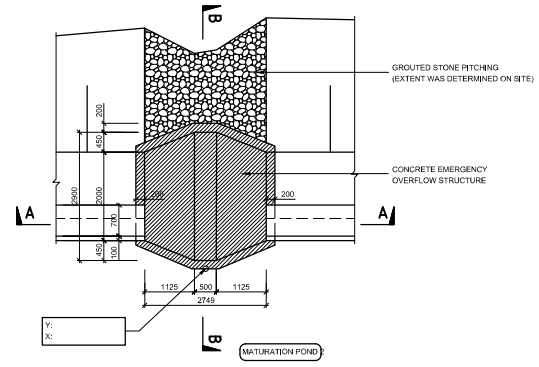
NOTE:
1. CONSTRUCTION JOINTS TO BE CONSTRUCTED
EVERY 5m AND EXPANSION JOINTS EVERY 15m.
2. MESH FOR ALL CONCRETE APRONS AND ANCHOR
BEAMS TO BE REF.395 AND Laid CONTINUOUS
ACROSS CONSTRUCTION JOINTS.
3. FOR EXPANSION JOINT REFER TO DETAIL
ELSEWHERE.



TYPICAL APRON SLAB AND ANCHOR BEAM DETAIL
1:10

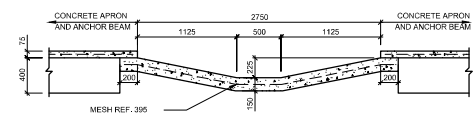


**TYPICAL APRON SLAB AND ANCHOR BEAM
EXPANSION JOINT DETAIL**
1:5

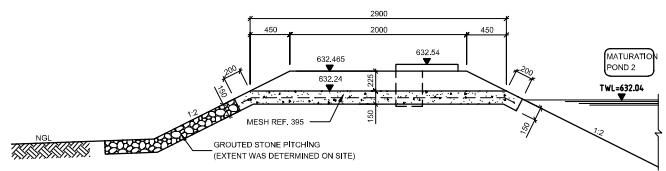


PLAN
SCALE 1:50

NOTES:
1. ALL CONCRETE WERE CLASS 20/18.
2. COVER TO REINFORCEMENT WERE 50mm MIN.
3. ALL CONCRETE CORNERS IN CONTACT WITH THE
GEOMEMBRANE LINING WERE CHAMFERED TO
25mm MINIMUM.



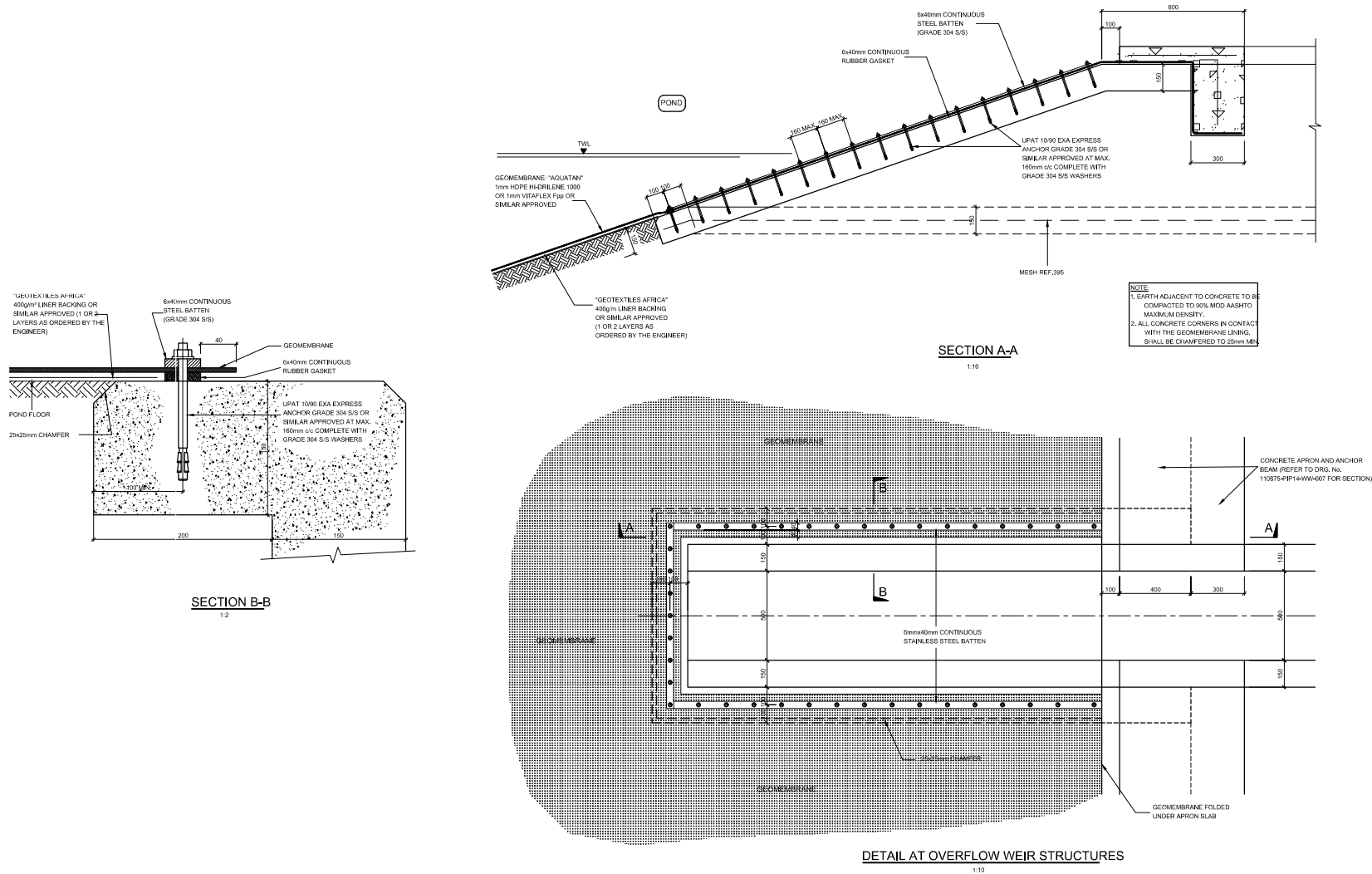
SECTION A-A
SCALE 1:25



SECTION B-B
SCALE 1:25

EMERGENCY OVERFLOW STRUCTURE

<table><tr><th>No.</th><th>REVISION BY</th><th>AMENDMENTS</th><th>DATE</th></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table>			No.	REVISION BY	AMENDMENTS	DATE																					<table><tr><th colspan="2">CLIENT</th></tr><tr><td colspan="2">  AMATOLA WATER 6 LANCASTER EAST LONDON 5247 PRETORIA, 0001 TEL: 043 787 3700 </td></tr></table>		CLIENT		 AMATOLA WATER 6 LANCASTER EAST LONDON 5247 PRETORIA, 0001 TEL: 043 787 3700		<table><tr><th colspan="2">PROJECT:</th></tr><tr><td colspan="2">HEALDTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)</td></tr><tr><th colspan="2">DESCRIPTION:</th></tr><tr><td colspan="2">POND LINING AND EMERGENCY OVERFLOW STRUCTURE</td></tr></table>		PROJECT:		HEALDTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)		DESCRIPTION:		POND LINING AND EMERGENCY OVERFLOW STRUCTURE		<table><tr><th colspan="2">PROJECT No:</th></tr><tr><td colspan="2">SCE-057</td></tr><tr><th colspan="2">CONTRACT No:</th></tr><tr><td colspan="2">AW 2019/2028</td></tr></table>		PROJECT No:		SCE-057		CONTRACT No:		AW 2019/2028		<table><tr><th>DESIGNED</th><th>XX</th></tr><tr><th>DRAWN</th><th>XX</th></tr><tr><th>CHECKED</th><th>XX</th></tr><tr><th>DATE</th><th>AUGUST 2022</th></tr></table>		DESIGNED	XX	DRAWN	XX	CHECKED	XX	DATE	AUGUST 2022	<table><tr><th colspan="2">ENGINEER</th></tr><tr><td colspan="2">  Servinet CONSULTING ENGINEERS FACTORY No. 39 SADA INDUSTRIAL PARK WHITTLESEA 5360 TEL: 076 730 6426 </td></tr></table>		ENGINEER		 Servinet CONSULTING ENGINEERS FACTORY No. 39 SADA INDUSTRIAL PARK WHITTLESEA 5360 TEL: 076 730 6426		<table><tr><th>SCALE</th><th>SHEET</th></tr><tr><td>AS SHOWN</td><td>1 OF 2</td></tr><tr><td colspan="2">APPROVED CONSULTING ENGINEER: _____</td></tr><tr><td>DRAWING No</td><td>REVISION No</td></tr><tr><td>SCE-HEALD-005</td><td> </td></tr></table>		SCALE	SHEET	AS SHOWN	1 OF 2	APPROVED CONSULTING ENGINEER: _____		DRAWING No	REVISION No	SCE-HEALD-005	
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No.	Revised By	Amendments	Date	Client	Project	Project No.	Designed	XX	Engineer	Scale	Sheet
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							Checked	XX		APPROVED CONSULTING ENGINEER	
							Date	AUGUST 2022		DRAWING No	REVISION No
										SCE-HEALD-006	



AMATOLA WATER
6 LANCASTER
EAST LONDON
5247
PRETORIA 0001
TEL: 043 797 3700

PROJECT: HEALDTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)
DESCRIPTION: POND LINING DETAILS

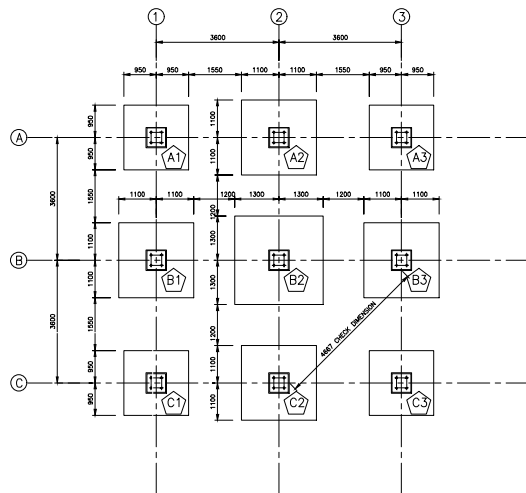
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CONTRACT No. AW 2019/2028

DESIGNED: XX
DRAWN: XX
CHECKED: XX
DATE: AUGUST 2022



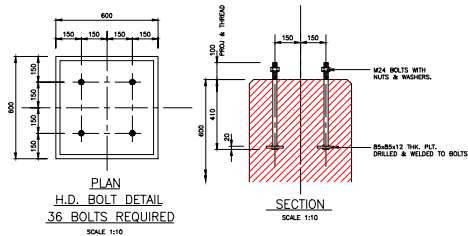
SERVINET CONSULTING ENGINEERS
FACTORY No. 39
5304 INDUSTRIAL PARK
WHITTELESEA
5380
TEL: 076 730 6426

SCALE: AS SHOWN
APPROVED CONSULTING ENGINEER
DATE: _____
DRAWING No: SCE-HEALD-006
REVISION No: _____

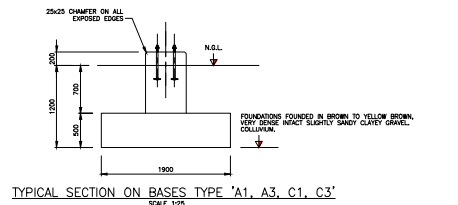


PLAN ON FOUNDATIONS
SCALE 1:50

BASE No.	BASE SIZE	PIEDestal SIZE
A1, A3, C1, C3	1900x1900x600 D.P.	600x600x400 HIGH
A2, B1, B3, C2	2200x2200x600 D.P.	600x600x400 HIGH
B2, C1	2800x2800x600 C.P.	600x600x400 HIGH

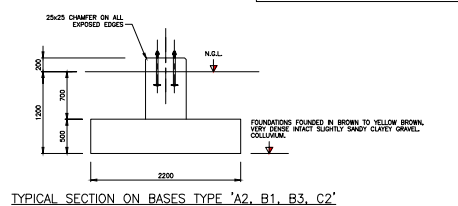


PLAN
H.D. BOLT DETAIL
36 BOLTS REQUIRED
SCALE 1:10



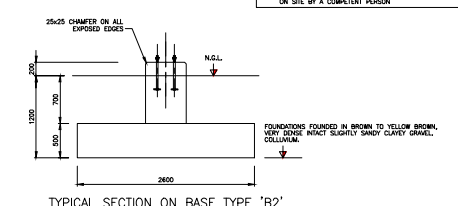
TYPICAL SECTION ON BASES TYPE 'A1, A3, C1, C3'

SCALE 1:25
Note: FOUNDATIONS DESIGNED FOR MAXIMUM 150kPa ALLOWABLE GROUND BEARING PRESSURE WHICH SHOULD BE APPROVED ON SITE BY A COMPETENT PERSON.



TYPICAL SECTION ON BASES TYPE 'A2, B1, B3, C2'

SCALE 1:25
Note: FOUNDATIONS DESIGNED FOR MAXIMUM 150kPa ALLOWABLE GROUND BEARING PRESSURE WHICH SHOULD BE APPROVED ON SITE BY A COMPETENT PERSON.



TYPICAL SECTION ON BASE TYPE 'B2'

SCALE 1:25
Note: FOUNDATIONS DESIGNED FOR MAXIMUM 150kPa ALLOWABLE GROUND BEARING PRESSURE WHICH SHOULD BE APPROVED ON SITE BY A COMPETENT PERSON.

NOTES:

- 25x25 CAMFER ON ALL CORNERS.
- FOUNDATION BEDDING TO BE HORIZONTAL AND FIRM WITH ALL LOOSE OR WATERLOGGED MATERIAL REMOVED. ENGINEER TO BE CONTACTED IMMEDIATELY IF UNFORSEEN FOUNDING CONDITIONS ARE ENCOUNTERED.
- CONCRETE TO BE 25 MPa CUBE STRENGTH AT 28 DAYS. IF NOT READY MIX, THEN ENGINEER OR HIS INSPECTOR TO BE PRESENT DURING MIXING AND MAY REQUIRE CUBE TESTS AT HIS DISCRETION.
- GROUND BEARING PRESSURE = 150 KPa. Max.
- TOLERANCES:
MAXIMUM ALLOWABLE DEVIATIONS OF 5mm TO H.D. BOLT LEVELS AND 3mm FOR PLAN POSITIONS OF BOLTS.
- H.D. BOLTS TO BE FABRICATED IN ACCORDANCE WITH SABS 135 WITH 3 NUTS AND 2 WASHERS EACH.

NO. REVISED BY:	AMENDMENTS	DATE	CLIENT	PROJECT:	PROJECT NO.:	DESIGNED:	XX	ENGINEER	SCALE:	SHEET
				HEALDTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)	SCE-057	DRAWN:	XX		AS SHOWN	1 OF 1
				DESCRIPTION:	CONTRACT NO.:	CHECKED:	XX		APPROVED CONSULTING ENGINEER	
				FOUNDATIONS A 8.4 X 7.2 X 4.8M PRESTANK ON A 10M STAND	AW 2019/2028	DATE:	AUGUST 2022		DRAWING NO. DATE:	REVISION NO.
									SCE-HEALD-007	



AMATOLA WATER
6 LAYCASTER
EAST LONDON
5247
PRETORIA 0001
TEL: 043 787 3700

PROJECT:
HEALDTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)
DESCRIPTION:
FOUNDATIONS A 8.4 X 7.2 X 4.8M PRESTANK ON A 10M STAND

PROJECT NO. SCE-057
CONTRACT NO. AW 2019/2028

DESIGNED: XX
DRAWN: XX
CHECKED: XX
DATE: AUGUST 2022

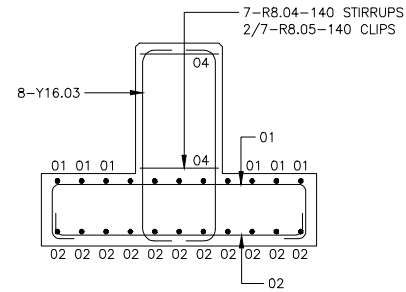
ENGINEER



SERVINET CONSULTING ENGINEERS
FACTORY No. 39
SIDRA INDUSTRIAL PARK
WHITTESEA
5360
TEL: 076 730 6426

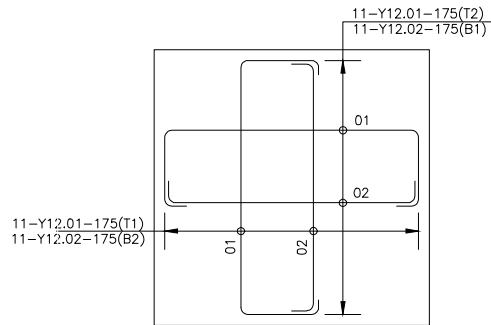
SCALE: AS SHOWN
SHEET: 1 OF 1
APPROVED CONSULTING ENGINEER
DATE: _____
DRAWING NO. SCE-HEALD-007
REVISION NO. _____

No. OFF	REINFORCEMENT					SHAPE CODE (SABS 82)	DIMENSIONS					MASS kg
	Type Size	Bar Mark	No in each	Total No.	Length mm		A mm	B mm	C mm	D mm	E R	
4/1900x1900x500 BASES 4/600x600x900 PEDESTALS	Y12	01	22	88	2700	55	150	350	1750	350		
	Y12	02	22	88	2000	38	150	1750				
	Y16	03	8	32	1550	38	200	1250				
	R8	04	7	28	2200	60	500	500				
	R8	05	14	56	750	35	500					



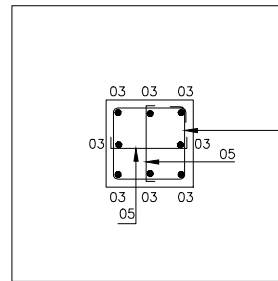
TYPICAL SECTION ON BASES
TYPE 'A1, A3, C1, C3'

SCALE 1:25



PLAN ON BASE

SCALE 1:25



PLAN ON PEDESTAL

SCALE 1:25

7-R08.04-140

COVER:
BASE BOTTOM =75mm
BASE SIDES = 75mm
BASE TOP = 50mm
PEDESTALS=50mm

No.	Revised By	AMENDMENTS	DATE	CLIENT	PROJECT:	PROJECT No.	DESIGNED	XX	ENGINEER	SCALE	SHEET
					HEALTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)	SCE-057	DRAWN	XX		AS SHOWN	1 OF 1
					DESCRIPTION:	CONTRACT No.	CHECKED	XX		APPROVED CONSULTING ENGINEER	
					FOUNDATIONS A1, A3, C1, C3 REINFORCEMENT	AW 2019/2028	DATE	AUGUST 2022		DRAWING No	REVISION No
										SCE-HEALD-008	

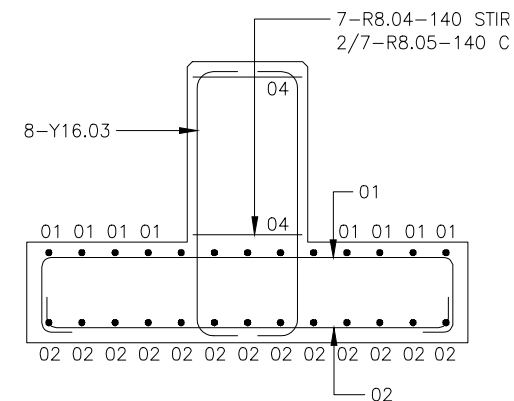


AMATOLA WATER
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PRETORIA, 0001
TEL: 043 787 3700

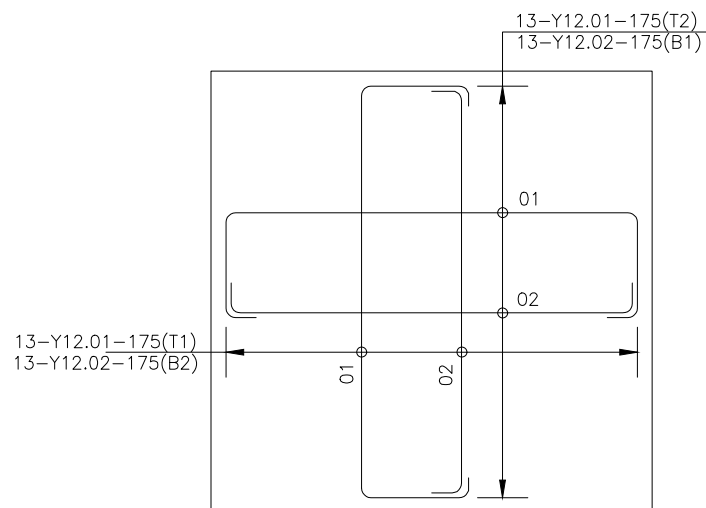


SERVINET CONSULTING ENGINEERS
FACTORY No. 39
SIDA INDUSTRIAL PARK
WHITTESEA
5360
TEL: 076 730 6426

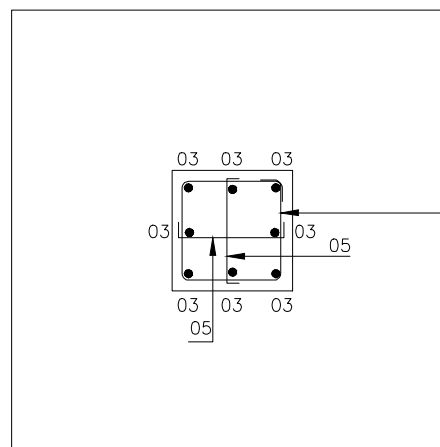
APPROVED CONSULTING ENGINEER
DATE: _____
REVISION No

[illegible]

TYPICAL SECTION ON BASES
TYPE 'A2, B1, B3, C2'
SCALE 1:25



PLAN ON BASE
SCALE 1:25

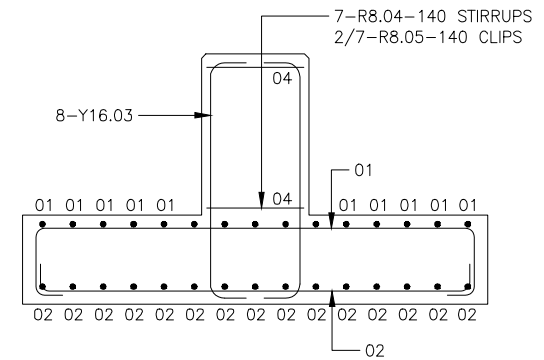


PLAN ON PEDESTAL
SCALE 1:25

COVER:
BASE BOTTOM = 75mm
BASE SIDES = 75mm
BASE TOP = 50mm
PEDESTALS = 50mm

No	Project By:	AMENDMENTS	DATE	CLIENT	 AMATOLA WATER 6 LANCASTER EAST LONDON 5247 PRETORIA, 0001 TEL: 043 737 3700	PROJECT No.	HEALDTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)		PROJECT No.	SCE-057		ENGINEER	 SERVINET CONSULTING ENGINEERS FACTORY No. 39 SAGA INDUSTRIAL PARK WHITLESEA 5360 TEL: 076 730 6426	SCALE AS SHOWN	SHEET 1 OF 1					
							DESCRIPTION	FOUNDATIONS A2, B1, B3, C2 REINFORCEMENT		CONTRACT No.	AW 2019/02/08					APPROVED CONSULTING ENGINEER DATE: _____	DRAWING No SCE-HEALD-009	REVISION No _____		

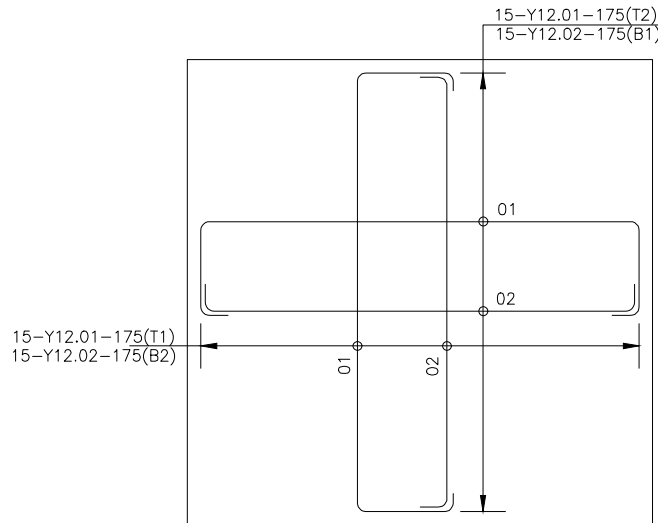
No. OFF	REINFORCEMENT					SHAPE CODE (SABS 82)	DIMENSIONS					MASS kg
	Type Size	Bar Mark	No in each	Total No.	Length mm		A mm	B mm	C mm	D mm	E / R	
1/2600x2600x500 BASE 1/600x600x900 PEDESTAL	Y12	01	30	30	3400	55	150	350	2450	350		
	Y12	02	30	30	2700	38	150	2450				
	Y16	03	8	8	1550	38	200	1250				
	R8	04	7	7	2200	60	500	500				
	R8	05	14	14	750	35	500					



TYPICAL SECTION ON BASES
TYPE 'B2'

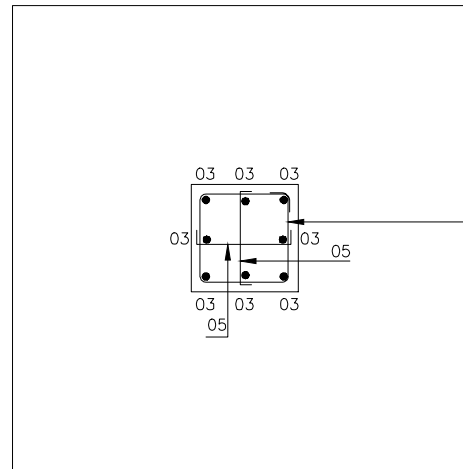
SCALE 1:25

COVER:
BASE BOTTOM = 75mm
BASE SIDES = 75mm
BASE TOP = 50mm
PEDESTALS = 50mm



PLAN ON BASE

SCALE 1:25



PLAN ON PEDESTAL

SCALE 1:25

No. Revised By	AMENDMENTS	DATE	CLIENT	PROJECT	PROJECT No.	DESIGNED	XX	THIRMEER	SCALE	SHEET
				HEALDTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)	SCE-057	DRAWN	XX		AS SHOWN	1 OF 1
				DESCRIPTION:	CONTRACT No.	CHECKED	XX		APPROVED CONSULTING ENGINEER	
				FOUNDATIONS B2 REINFORCEMENT	AW 2019/2028	DATE	AUGUST 2022		DRAWING No	REVISION No
									SCE-HEALD-010	



AMATOLA WATER
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PRETORIA, 0001
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PROJECT:
HEALDTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)

PROJECT No.
SCE-057

DESIGNED
XX

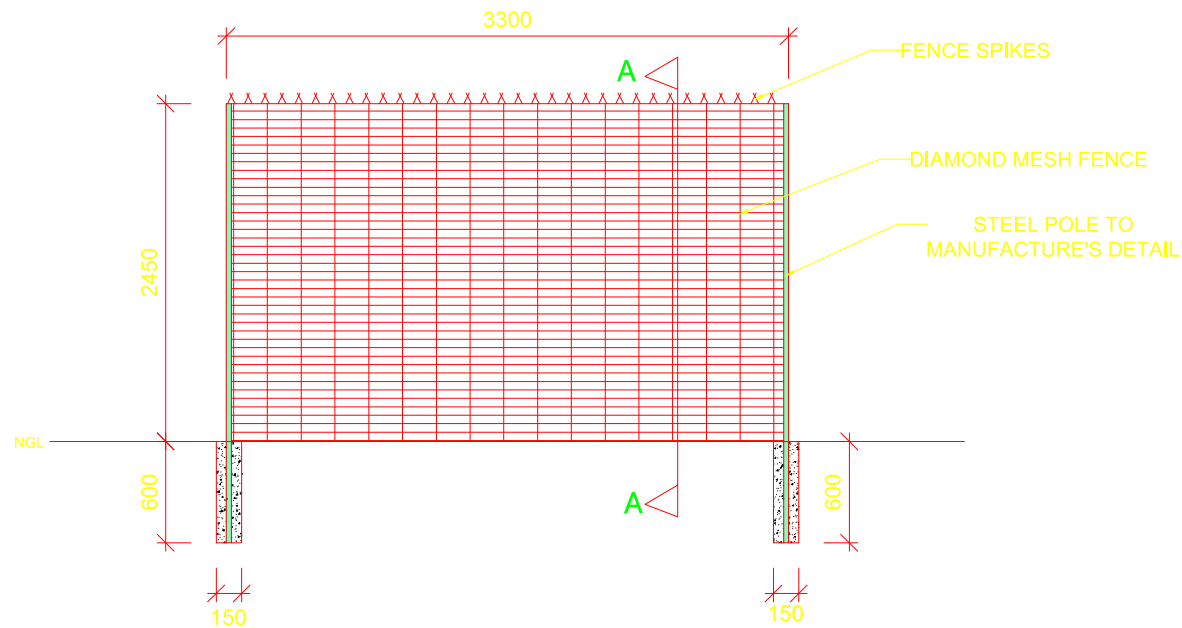
THIRMEER



SERVINET CONSULTING ENGINEERS
FACTORY No. 39
SIDA INDUSTRIAL PARK
WHITTELESEA
5360
TEL: 076 730 6426

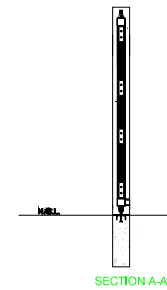
SCALE
AS SHOWN

SHEET
1 OF 1



FRONT CLEARVU

SCALE : 1:10



PLAN VIEW

SCALE : 1:10

No.	Revised By	AMENDMENTS	DATE	CLIENT	PROJECT	PROJECT No.	DESIGNED	XX	ENGINEER	SCALE	SHEET
					HEALDTOWN COMPREHENSIVE SCHOOL (CLUSTER 2 PROJECT)	SCE-057	DRAWN	XX		AS SHOWN	1 OF 1
					DESCRIPTION:	CONTRACT No.	CHECKED	XX		APPROVED CONSULTING ENGINEER	
					2.4M CLEARVU FENCE DETAILS	AW 2019/2028	DATE	AUGUST 2022		DRAWING No	REVISION No
										SCE-HEALD-011	

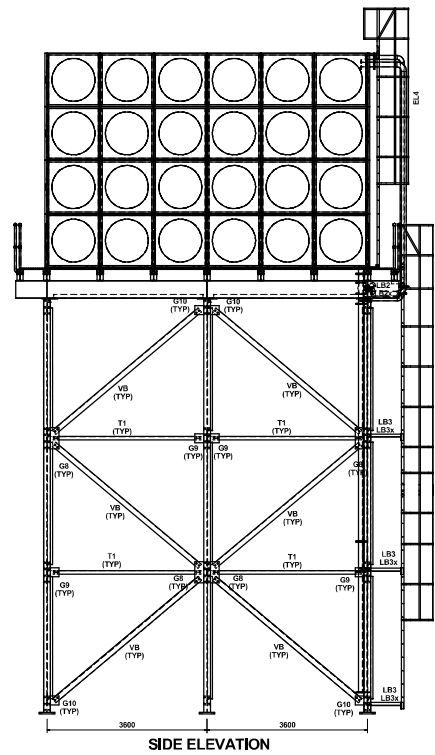
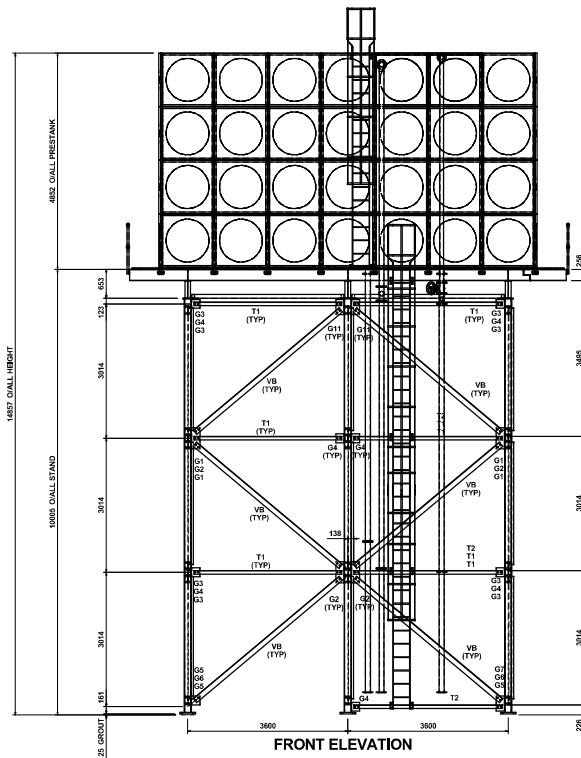
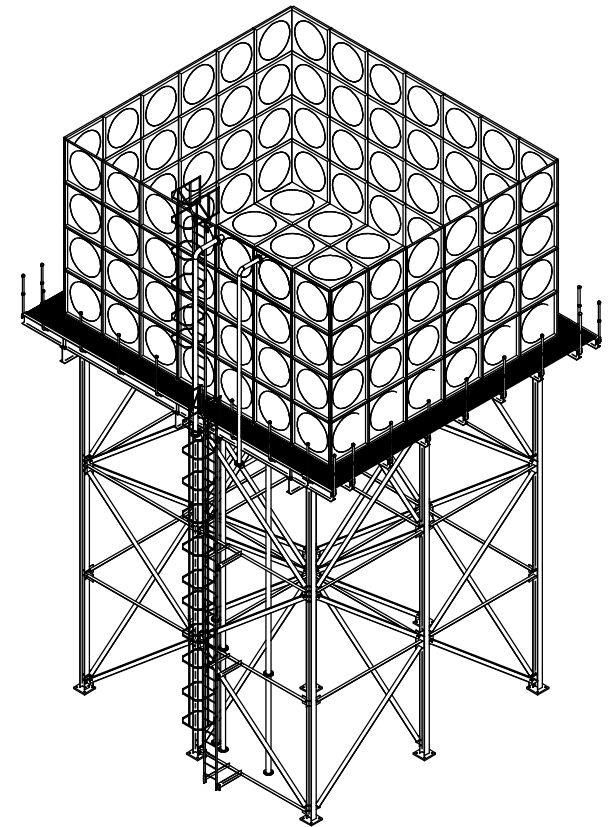
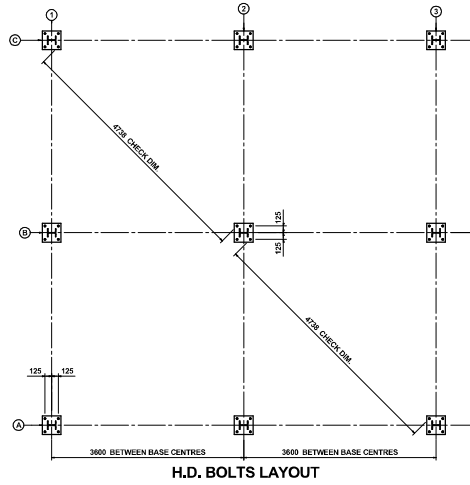
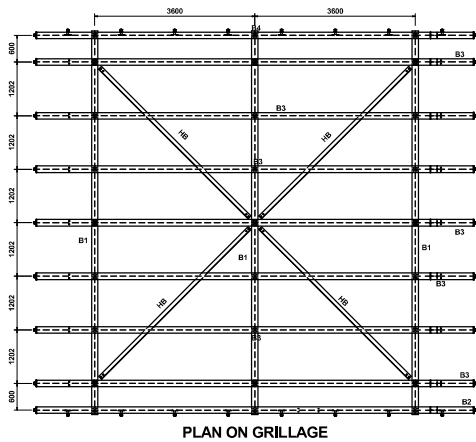


AMATOLA WATER
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EAST LONDON
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PRETORIA 0001
TEL: 043 787 3700



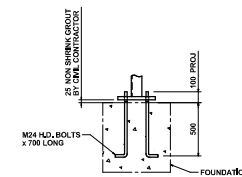
SERVINET CONSULTING ENGINEERS
FACTORY No. 39
SIDA INDUSTRIAL PARK
WHITTESEA
5360
TEL: 076 730 6426

SCALE: AS SHOWN
SHEET: 1 OF 1
APPROVED CONSULTING ENGINEER
DATE: _____
DRAWING No: SCE-HEALD-011
REVISION No: _____



FOUNDATION LOADS PER BASE (kN)				
COLUMN	VERTICAL		HORIZONTAL	
	DEAD	LIVE	WIND	WIND
A1, A3, C1 & C3	20	323	114	47
B1, B3, A2 & C2	24	338	50	22
B2	23	268	0.5	0.1

NOTE: LOADS ARE UNFACTORED HORIZONTAL LOADS CAN ACT IN ANY DIRECTION ± MEANS "UP" OR "DOWN"



MATERIALS		TITLE: GENERAL ARRANGEMENT & DETAILS	
STAND	S355JR	THIS DRAWING IS THE PROPERTY OF STRUCTA TECHNOLOGY AND SHALL BE KEPT IN CONFIDENTIALITY	DATE: & SIGNATURE
BASE PLATE	250 WIA		
BOLTS - STAND	GRADE 4.6		
H.D. BOLTS	GRADE 4.6		
UNLESS OTHERWISE NOTED			
HOLLOW TUBES AND CHANNELS TO BE KEPT 100mm FROM THE CORNER TO CORNER TO ALLOW FOR WELDING		DRAWN	SCALE: N.T.S.
FIELD PAINT		CHECKED	
SHOP PAINT		CONTRACT NO:	REVISION
BLAST CLEAN		DRAWING NO	4
FIELD PAINT			0



 2 DUTTON STREET
 METROTON, DUTY 1000
 SOUTH AFRICA
 TEL: +27 (0) 21 562 9100
 FAX: +27 (0) 21 562 9116
 PROJECT: AMATOLA WATER
 7.6:4 PRESTANK ON 10m
 STAND & WALKWAY