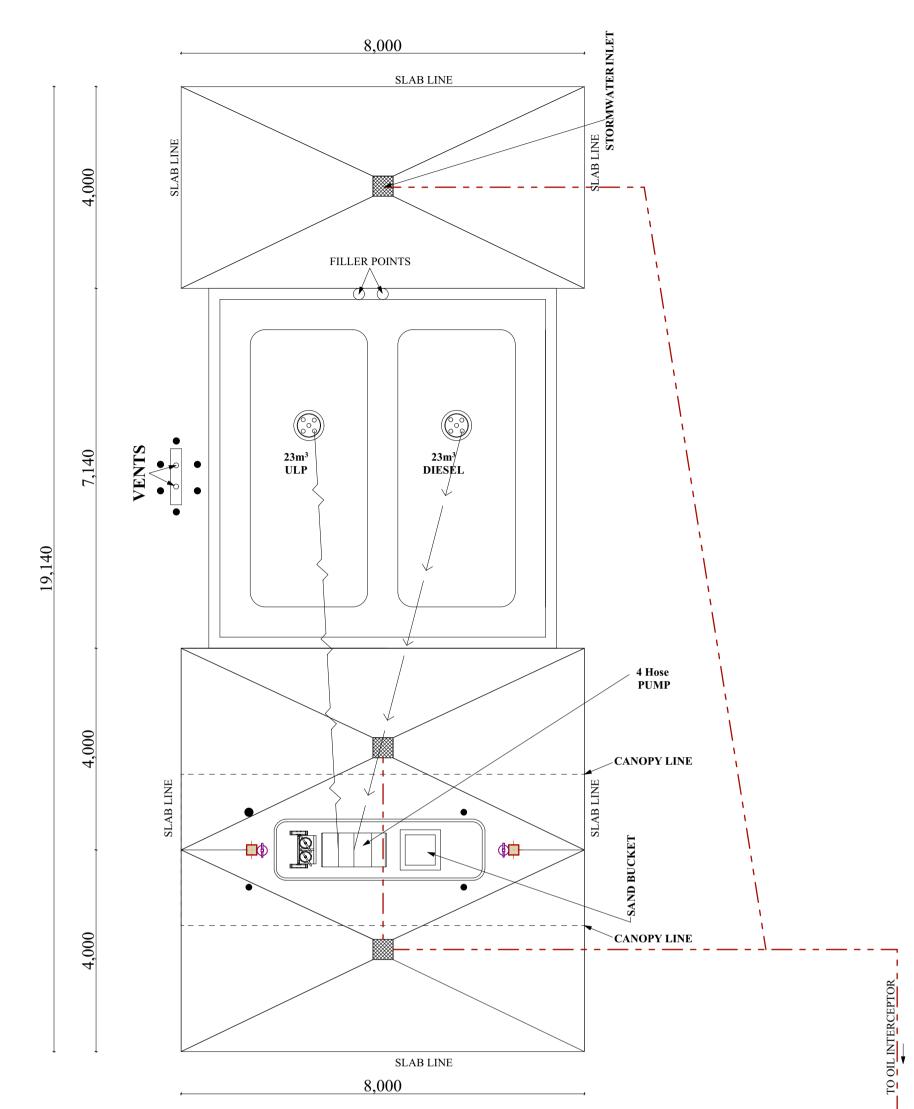
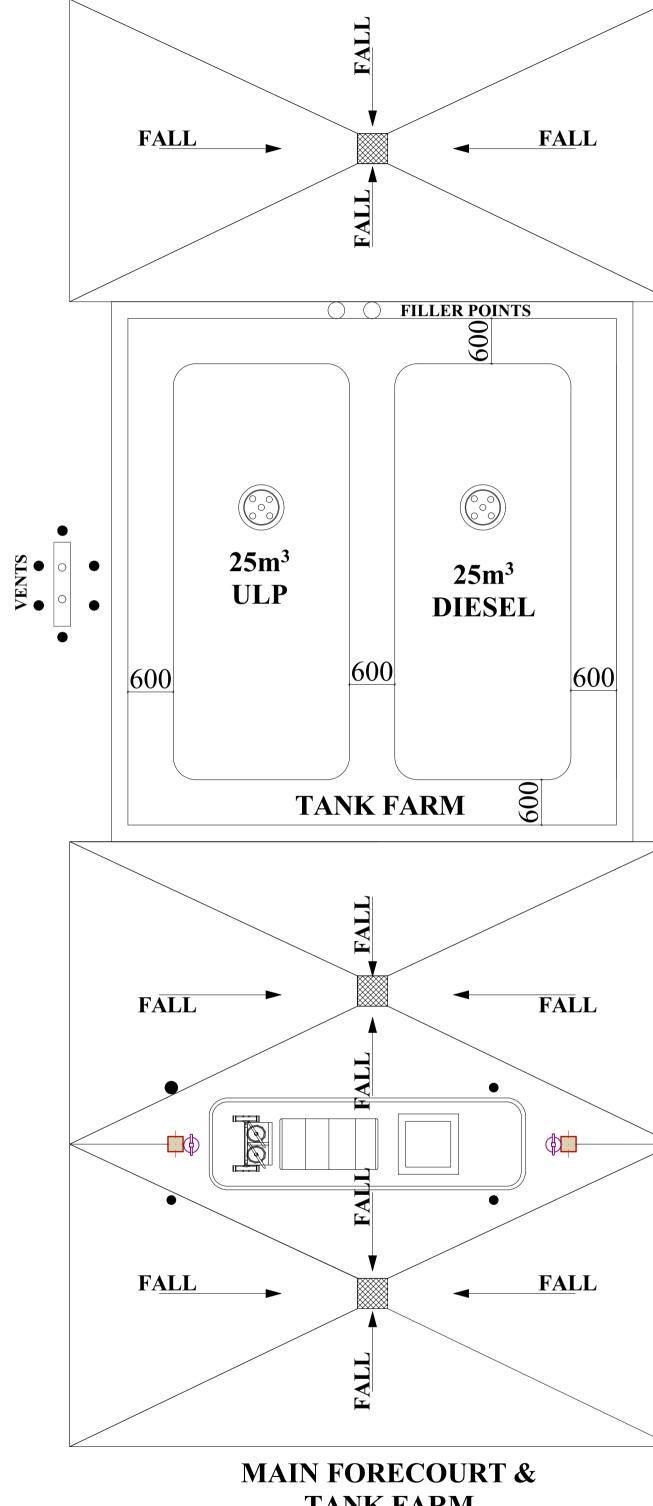
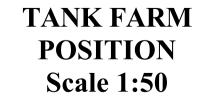


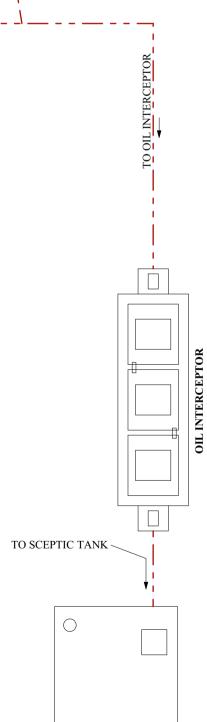
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## DETAILED CONNECTION Scale 1:75







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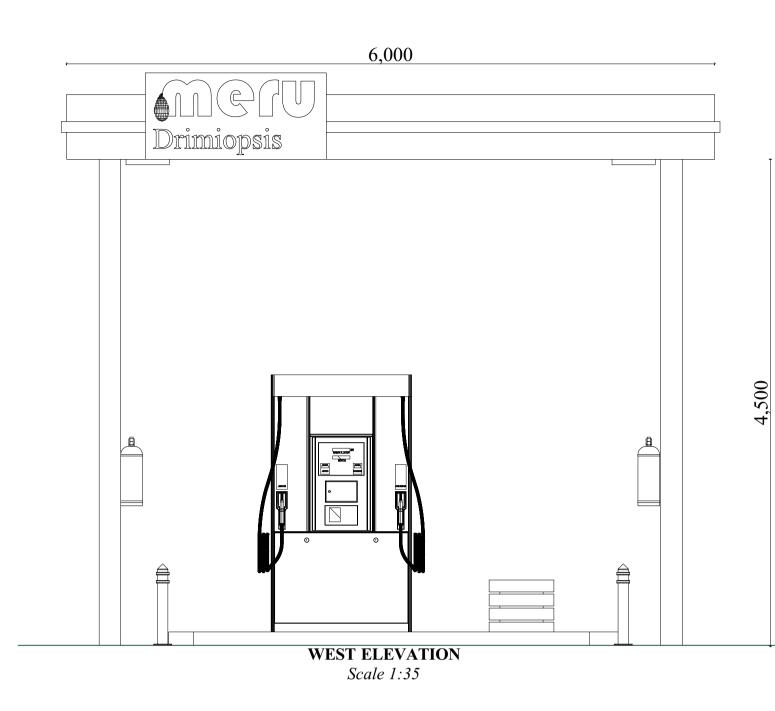
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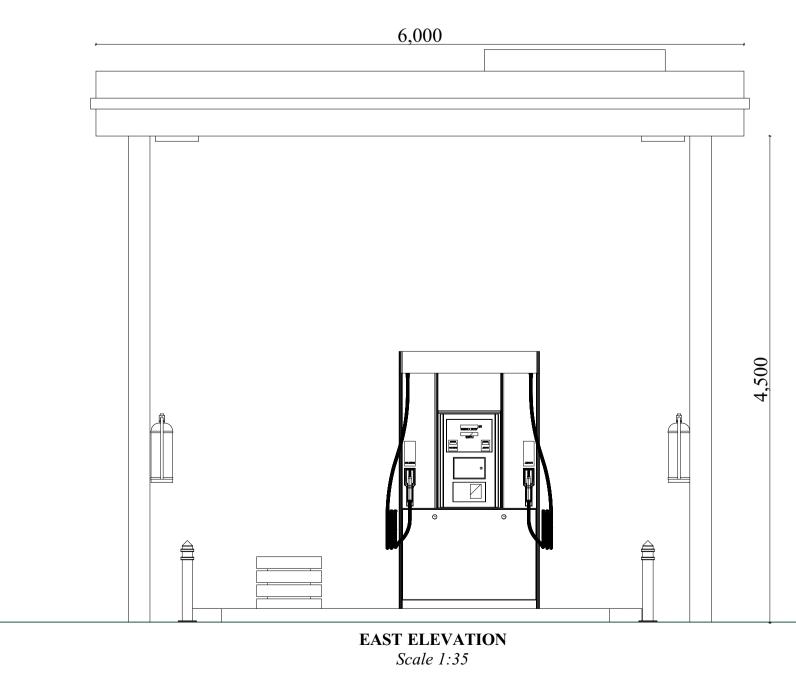
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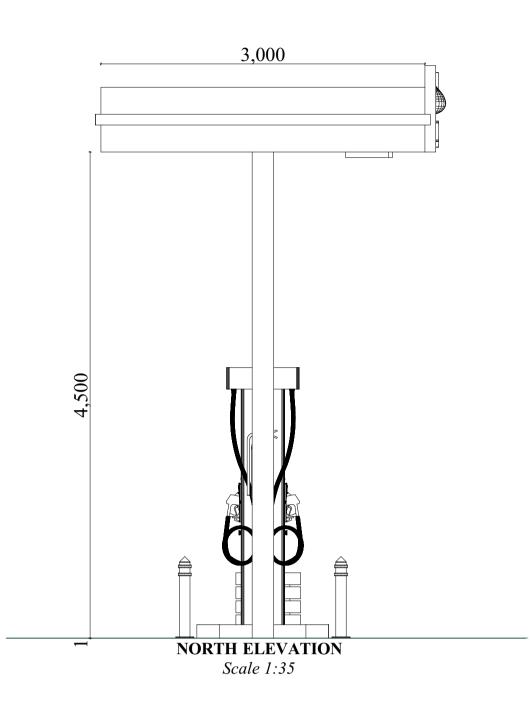
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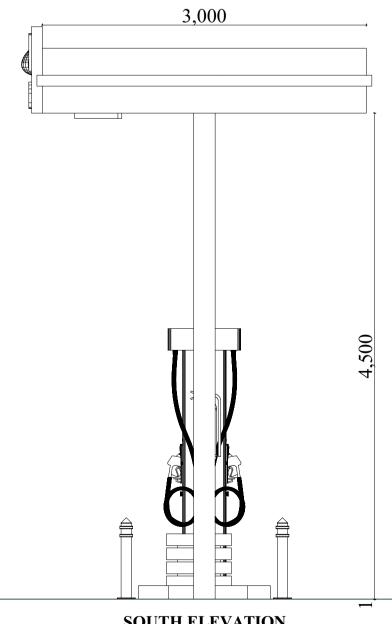
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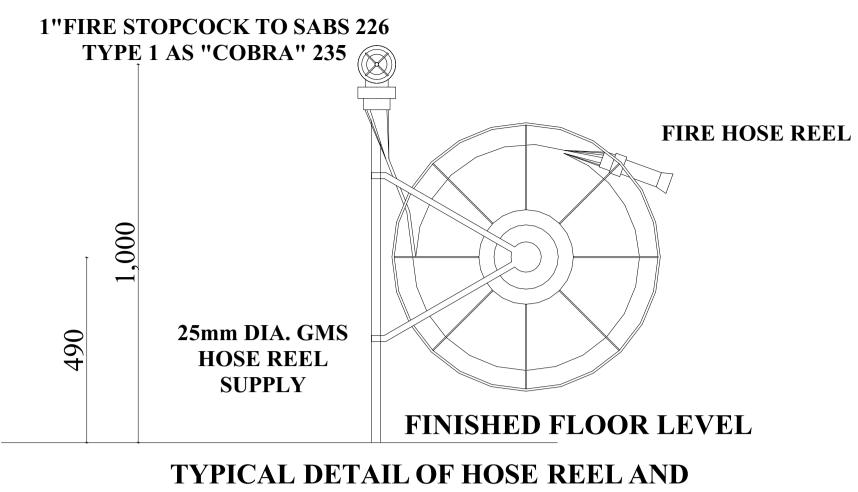






**SOUTH ELEVATION** Scale 1:35

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# HYDRANT CONNECTION **Scale 1:100**

#### FIRE NOTES

FIRE FIGHTING EQUIPMENT TO BE PROVIDED IN ACCORDANCE WITH NATIONAL BUILDING REGULATIONS AND/OR LOCAL AUTHORITIES. TO BE TESTED BY RELEVANT FIRE INSPECTORATE FOR THE AREA. IN TERMS OF MAINTENANCE AND FOREGOING **OPERATIONS, FIRE EQUIPMENT MUST** COMPLY TO SANS 10105-1:2005 CLAUSE 4 ATALL TIME

FIRE EXTINGUISHERS TO BE PROVIDED: - EACH PUMP ISLAND TO BE PROVIDED WITH 1 X 9KG ABC DRY CHEMICAL POWDER ON THE FORECOURT - THESE FIRE EXTINGUISHERS ARE TO BE HUNG ON THE COLUMNS AT EACH PUMP - SEE DETAIL

FIRE PROTECTION NOTES:

1 ALL WORKS TO COMPLY WITH SABS 0400

2. OCCUPANCY CLASSIFICATION

3. FIRE EXTINGUISHERS TO BE INSTALLED **IN ACCORDANCE WITH SABS 0105** 

4. HOSE REELS TO BE INSTALLED IN ACCORDANCE WITH SABS 543

5. WATER SUPPLY TO THE FIRE FIGHTING EQUIPMENT TO COMPLY WITH RATIONAL DESIGN

6. PORTABLE FIRE EXTINGUISHERS TO BE HUNG ON THE BUILDING AND COLUMNS LOCATED NEXT TO PUMPS AS LOCATED IN THE PLAN AND MUST COMPLY WITH SABS SET STANDARDS

7. ACCESS DOORS AND ESCAPE DOORS IN ANY EMERGENCY ROUTE MAY ONLY BE FITTED WITH LOCKING DEVICES AS APPROVED BY THE RELEVANT LOCAL AUTHORITY.

8. "B" CLASS FIRE DOORS 900MM WIDE TO COMPLY WITH SABS 1253 AND TO BE FITTED WITH APPROVED SELF CLOSING OR AUTOMATED CLOSING DEVICES

9. FLOOR COVERINGS TO COMPLY WITH TT14.

10. WALL COVERINGS TO COMPLY WITH TT15.

11. EMERGENCY LIGHTING TO BE INSTALLED AND TO COMPLY WITH TT31, SUCH PERSON DOING INSTALLED MUST BE A RECOGNISED TECHNICIAN BY LOCAL AUTHORITY.

12. MANUALLY ACTIVATED AUDIBLE ALARM TO BE PROVIDED AND TO COMPLY WITH TT31

13. FIREMEN'S SWITCH TO BE INSTALLED ON SITE (SEE FIRE DRAWINGS)

THE FOLLOWING LIST OF ITEMS IS TO BE DONE IN COMPLIANCE WITH REGULATIONS OF THE LOCAL FIRE DEPARTMENT

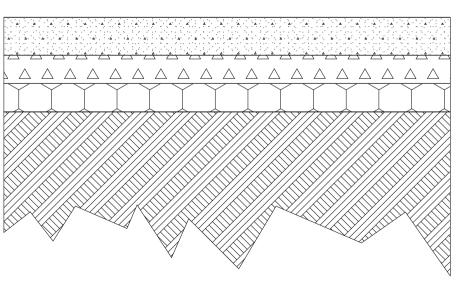
1. "NO SMOKING" SIGN TO BE INSTALLED 2. "NO NAKED FLAMES" SIGN TO BE INSTALLED 3. "R.C. SLAB" OVER TANKS IF ANY, TO HAVE A MINIMUM OVERLAY OF 750MM ON ALL SIDES. 4. "PUMP ISLAND TO BE NO LESS THAN 150MM HIGH, AND PUMP TO BE NO LESS THAN 300MM AWAYFROM THE SIDES OF THE PUMP ISLAND.

PUMP AND TANK CONTRACTOR TO NOTE THE FOLLOWING: ROUTES OF SUPPLY LINES AS SHOWN ARE ONLY

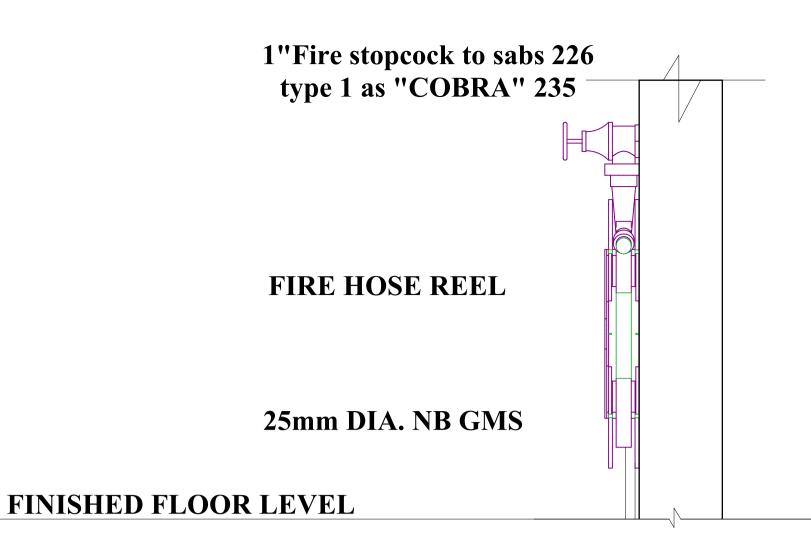
SCHEMATIC ALL FILLER LINES TO BE 100MM

VENT PIPES ABOVE GROUND TO BE 50MM DIA. GALVANIZED MS. VENT PIPES ARE TO TERMINATE, MINIMUM 4M ABOVE GROUND LEVEL

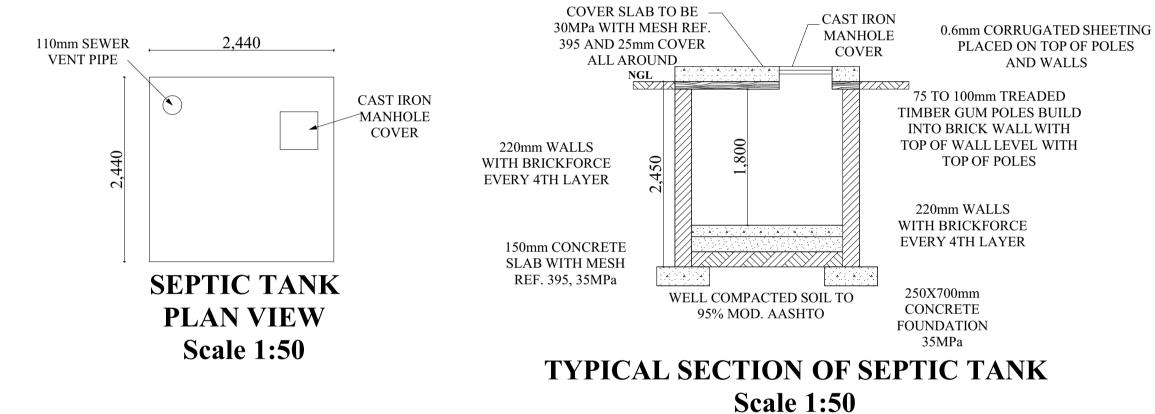
VENT PIPES ARE TO BE FITTED WITH VERTICAL VENT ROSES



#### WALL MOUNTED **NON-SWING HOSE REEL FITTED WITH 30mm OF 20mm INT. DIA. NON KINKABLE RUBBER** HOSE AND ALL WAY **HOSE ROLLER GUIDE**



## **TYPICAL DETAIL OF HOSE REEL Scale 1:100**



LAYERWORKS CONCRETE SLABS TRUCK FORECOURT

200mm SLAB OF 30MPa/19mm CONCRETE WITH SMOTH POWER FLOATED SURFACE- MESH REF 395

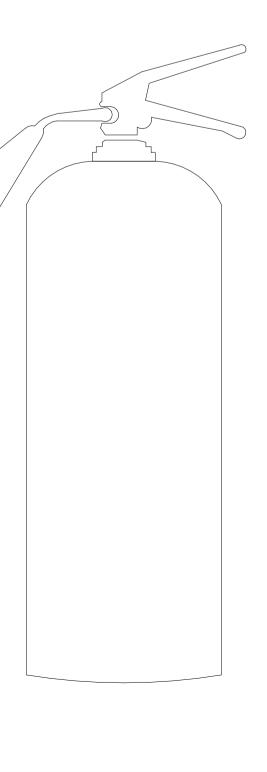
150mm SUB BASE C4 MATERIAL COMPACTED TO 98% MOD AASHTO DENSITY

150mm G7 SELECTED LAYERS COMPACTED TO 95% MOD AASHTO DENSITY. (ONLY IF REQUIRED TO MAKE UP LEVELS. MULTIPLE LAYERS MAY BE REQUIRED IN SOME AREAS. IN-SITU MATERIAL)

AFTER REMOVAL AND SPOIL OF ANY UNDESIRABLE MATERIAL SCARIFY 200mm IN-SITU MATERIAL AND COMPACT TO 93%

MOD.AASHTO DENSITY ALL FALLS IN SLAB TO BE AT A MINIMUM OF 1% TO ENSURE GOOD GRADIANT FOR SPILLED PRODUCTS

> 9KG DRY POWDER FIRE EXTINGUISHER, INSTALLED IN POSITIONS INDICATED ON DRAWING PBD-377-2015/2 AND ADDITIONALLY AT EVERY PUMP. (NOT TO SCALE)



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Quantity surveyor:

Mechanical & Electric Engineer:

Structural Engineer:

Drawing tittle

HOSE REEL, SEPTIC TANK

Project tittle

**PROPOSED NEW FILLING STATIONAT** DRIMIOPSIS

Client

KATJIRUA-BREAD INVESTMENTS cc PO BOX 1248 GOBABIS Cell: +264 81 424 2105 Email: katjirua007@gmail.com

Drawn by **ARTHUR APELLE** 

Registration number **TECH 523, PE2003004(TR)** 

OCTOBER 2022

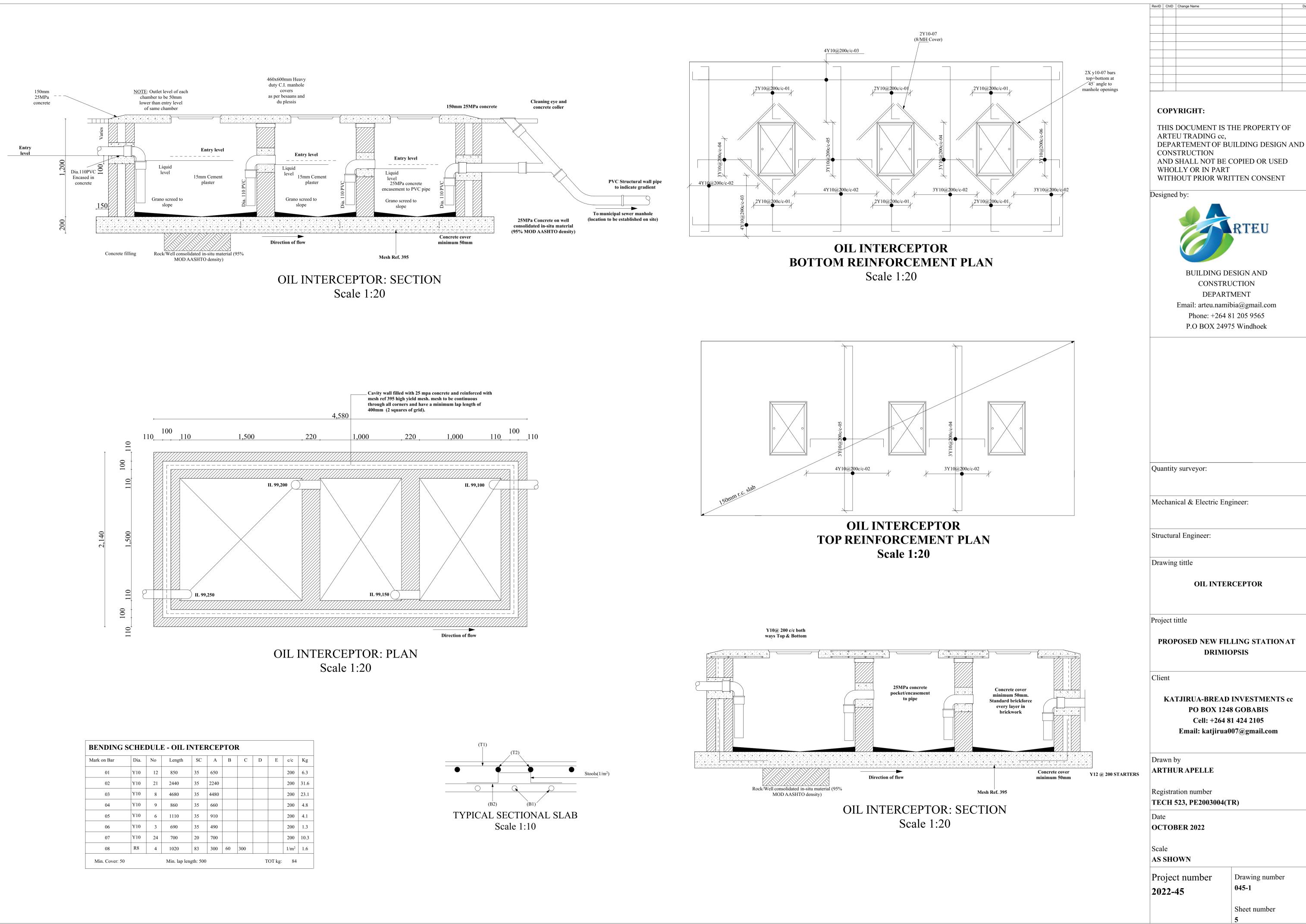
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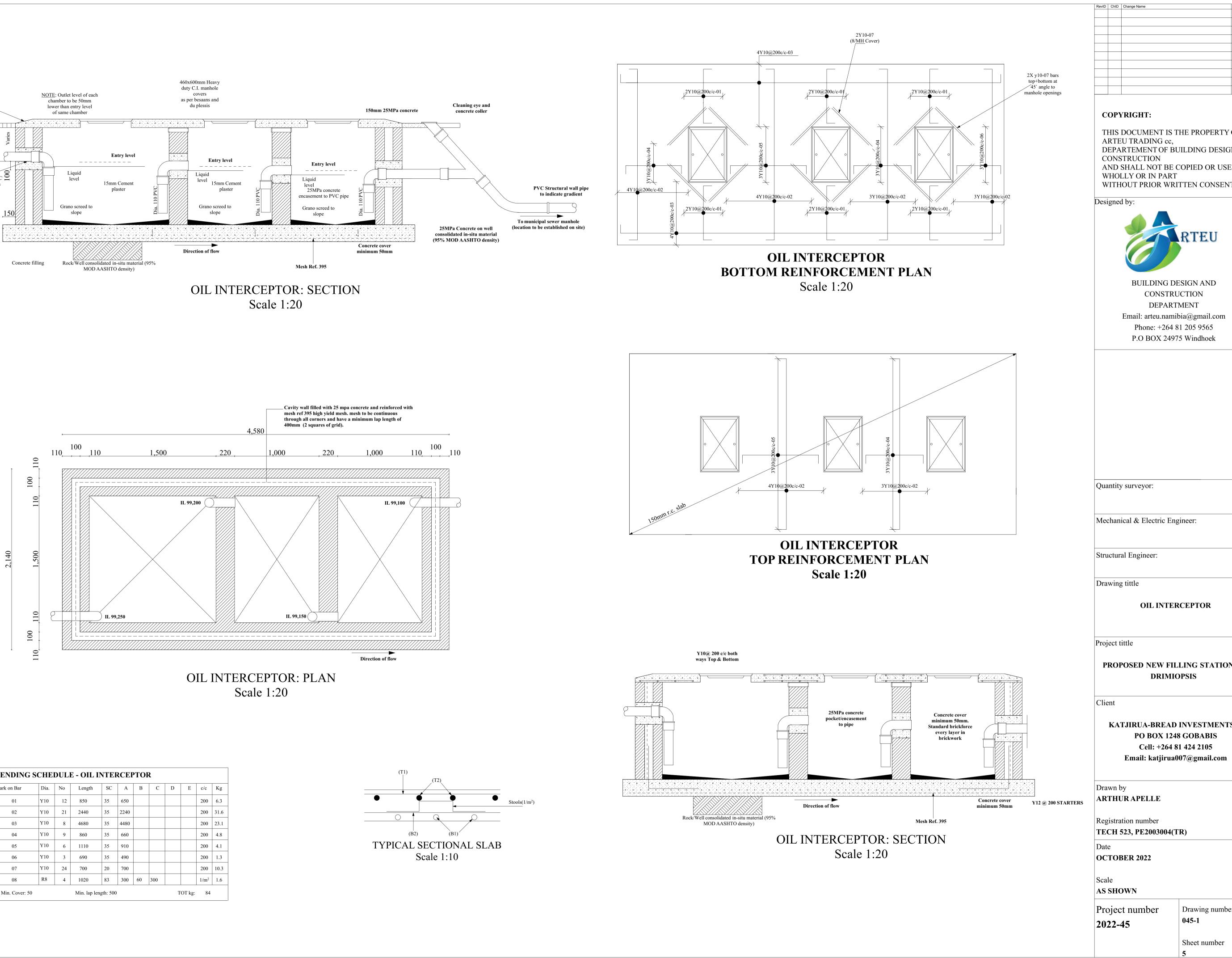
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