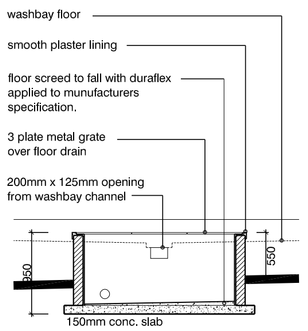
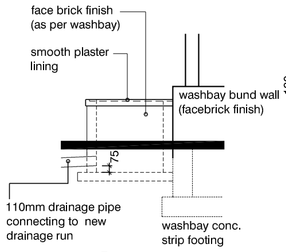
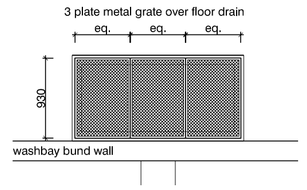


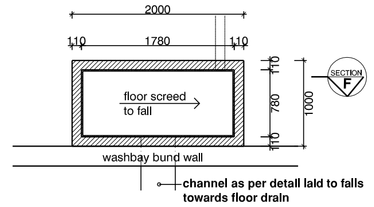
section F



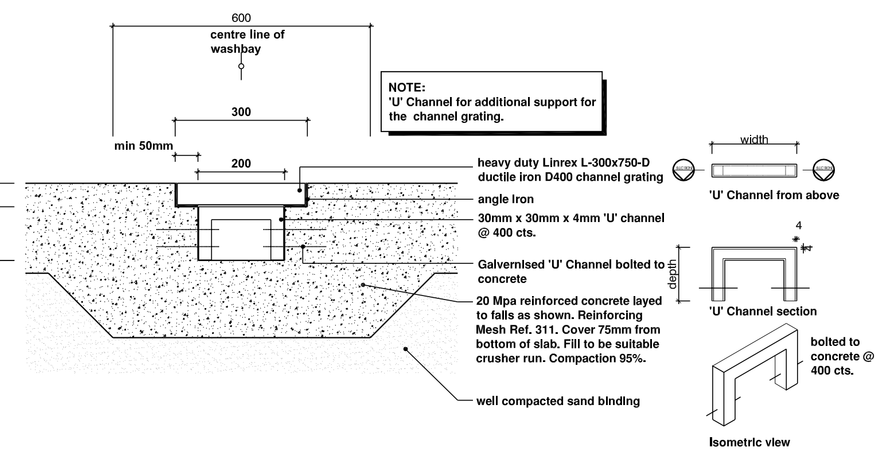
elevation



plan (above drain)

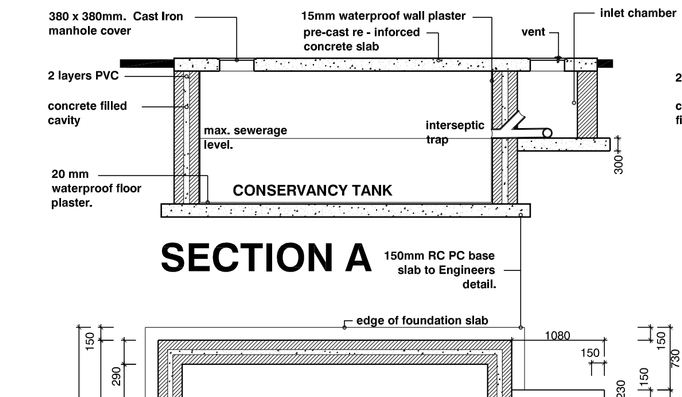


1: 50 VEHICLE WASHBAY FLOOR DRAIN



1:10 VEHICLE WASHBAY DRAINAGE CHANNEL

NOTE
INTERCEPTING TRAP TO COMPLY WITH MUNICIPAL REGULATIONS IN ALL RESPECTS.
R.C. ROOF SLAB TO BE OF 1:2:4 CONCRETE MIX REINFORCED AS SHOWN
WITH 12mm Ø BARS. MIN. COVER TO STEEL 15mm
150mm CONCRETE BASE TO TRAP TO BE OF 1:3:6 CONCRETE MIX.
WALLS TO BE BUILT OF HARD WELL BURNT STOCK BRICKS.
PLASTER WALLS & FLOOR THROUGHOUT MIN. 20mm THICK



1:50 TYPICAL CONSERVANCY TANK (refer to civils drawings for actual levels)

NOTES & SPECIFICATIONS

GENERAL

All building work and drainage to be in strict accordance with S.A.B.S. 0400 requirements

Excavate to a depth to provide a solid and uniform foundation to all footings

No concrete footing to project beyond any site boundary.

Conservancy tank constructed with Gr.1 ROK. bricks with galvernised brickforce every 4th course.

WATERPROOFING

Sika-1 liquid waterproofing admixture for mortar and concrete, mixed and applied in accordance with the manufacturer's instructions.
Cemflex acrylic based emulsion waterproofing and bonding agent, mixed and applied in accordance with the manufacturer's instructions including Cemflex fabric - Membrane size : 150mm x 20m long.
Sikadur-Combiflex flexible "bandage" joint sealing system, applied in accordance with the manufacturer's instructions.

DRAINAGE

New 110mmØ soil pipes laid to 1:60 falls as shown.
All soil pipes running beneath conc. slabs or footings to be encased in 200 conc. all round

CONSERVANCY TANK MANHOLES

Splashworks 380 x 380mm x 20kg cast iron single seal manhole cover and frame (Code CIMF380) or equal approved.

CONSERVANCY TANK DRAINAGE

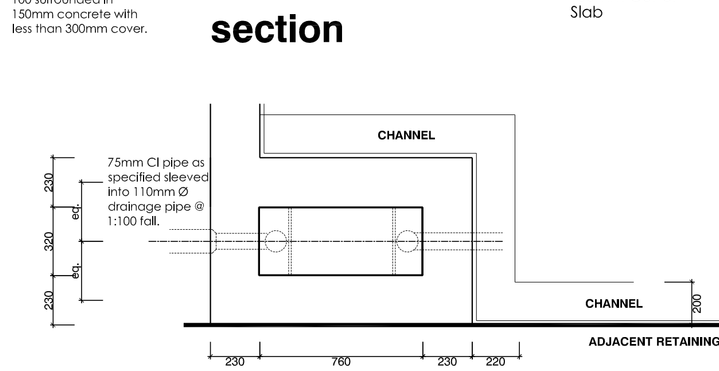
Refer to drainage sections for levels / depth detail information.

NOTE:
RE - INFORCED CONCRETE WORKS AS PER STRUCTURAL ENGINEERS DRAWINGS AND SPECIFICATIONS.

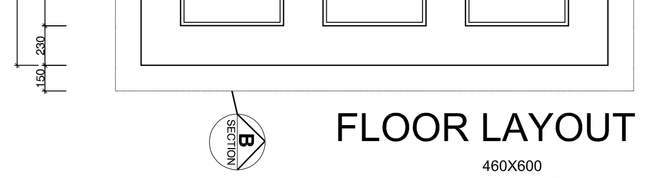
NOTE:CONSERVANCY TANK
TO BE CONSTRUCTED AND POSITIONED IN ACCORDANCE WITH THE RELEVANT MUNICIPAL REGULATIONS.

NOTE:
REFER TO 'ABE' TECHNICAL DATA SHEET - DURACURE & TECHNICAL DATA SHEET - DURAFLEX.

NOTE:
ALL MANHOLE COVERS TO BE PREPARED, CLEANED & PAINTED.



section

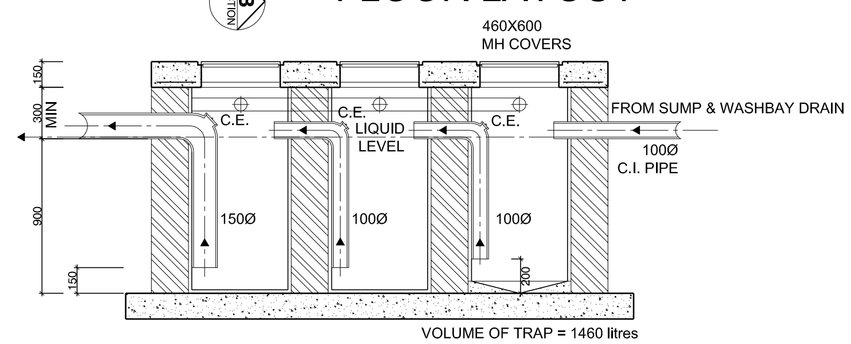


FLOOR LAYOUT

PLAN OF ROOF

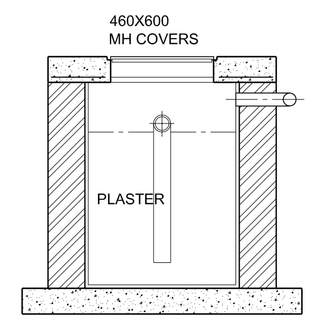
plan

1:20 TRANSFORMER FACILITY DRAIN DETAIL

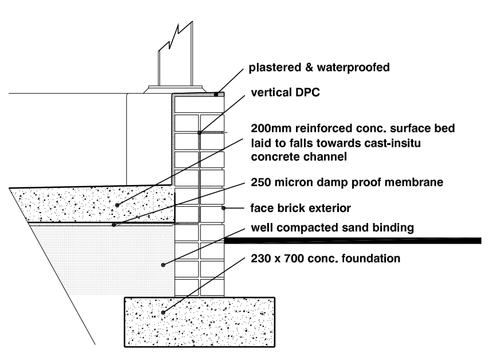


SECTION A

1:25 PETROL, OIL AND LUBRICANTS (P.O.L.) INTERCEPTOR TRAP.

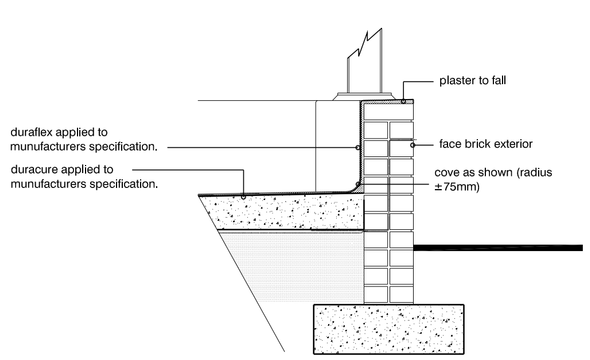


SECTION B

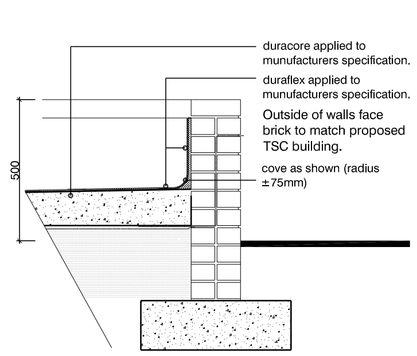


230 x 700 conc. foundation

1:20 VEHICLE WASHBAY BUND WALL DETAIL



VEHICLE WASHBAY BUND WALL WATERPROOFING



BUNDED TRANSFORMER STORAGE FACILITY WATERPROOFING

DRAWING REFERENCES

This drawing to be read in conjunction with the following drawings:

D-WC - 7722 / 20 - 02: - SITE PLAN & DRAINAGE DETAILS
D-WC - 7722 / 20 - 03: - DOUBLE TRUCK PORT, WASHBAY & TRANSFORMER STORAGE UTILITIES YARD - FLOOR PLANS
D-WC - 7722 / 20 - 04: - UTILITIES YARD - SECTIONS, ELEVATIONS & DETAILS
D-WC - 7722 / 20 - 05: - UTILITIES YARD - DRAINAGE DETAILS
D-WC - 7722 / 20 - 06: - CARPORT DETAILS
D-WC - 7722 / 20 - 07: - GROUND FLOOR PLAN
D-WC - 7722 / 20 - 07: - GROUND FLOOR PLAN
D-WC - 7722 / 20 - 08: - MEZZANINE FLOOR PLAN & SECTIONS
D-WC - 7722 / 20 - 09: - ROOF PLAN & ELEVATIONS
D-WC - 7722 / 20 - 09: - ROOF PLAN & ELEVATIONS
D-WC - 7722 / 20 - 10: - SECTIONS, DOOR & WINDOW SCHEDULE
D-WC - 7722 / 20 - 11: - FURNITURE LAYOUT
D-WC - 7722 / 20 - 12: - CEILING LAYOUT
D-WC - 7722 / 20 - 13: - TOILET DETAILS, SECTIONS AND ELEVATIONS
D-WC - 7722 / 20 - 14: - SURFACES LAYOUT
D-WC - 7722 / 20 - 15: - WINDOW SCHEDULE
D-WC - 7722 / 20 - 16: - DOOR SCHEDULE
D-WC - 7722 / 20 - 17: - ROOF AND HORIZONTAL SAFETY LINES
D-WC - 7722 / 20 - 18: - OVERHANG SOFFIT DETAILS
D-WC - 7722 / 20 - 19: - BALUSTRADE DETAILS
D-WC - 7722 / 20 - 20: - WATER RETICULATION PLAN

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REV	DATE	DESCRIPTION	BY	CHECKED
0	31 / 05 / 12	ISSUE FOR SQUAD CHECK	HH	MFJ
1	22 / 06 / 12	ISSUE FOR TENDER	HH	MFJ
2	15 / 04 / 13	ISSUE FOR CONSTRUCTION	HH	MFJ
3	15 / 07 / 13	TRANSFORMER STORAGE & P.O.L. DETAILS UPDATED	HH	MFJ
4	31 / 03 / 14	AS BUILT DRAWING	DHW	MFJ

Eskom Distribution

AUTHORISED BY:
DATE:
CHECKED BY: MFJ
DATE: 31 / 05 / 12
DRAWN BY: DHW
DATE: 31 / 05 / 12

PROJECT
KAKAMAS TSC - ERF 2354
PROPOSED NEW TSC

WORKING DRAWING
UTILITIES YARD - DRAINAGE DETAILS

SHEET SIZE: A1
SCALE: 1:20/1:25/1:50

DRAWING NUMBER

COMPLEX NO.	SET	SHEET	REVISION
D-WC-7722	20	05	4

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AS BUILT DRAWING