**FLOOR SLAB AND FOOTING NOTES**

1. THESE DETAILS SHALL ONLY BE USED FOR SINGLE STOREY BUILDINGS
2. ALL REINFORCING SHALL HAVE 50mm CONCRETE COVER.
3. INTERNAL BEAMS (DETAIL B) SHALL BE FORMED UNDER ALL INTERNAL BLOCKWORK WALLS & AT 4.0 METRE MINIMUM CENTRES (REFER TO TYPICAL SLAB LAYOUT & FOOTING PLAN).
4. EDGE AND INTERNAL BEAMS MUST SIT ON NATURAL GROUND (SAND AND CORAL) WHERE FILL OR ORGANIC MATERIAL IS FOUND THIS MUST BE REMOVED TO THE LEVEL OF THE NATURAL GROUND.
5. ALL STEEL REINFORCING TO BE MINIMUM GRADE 300MPa

**CONCRETE MIX**

0.75 : 1 : 2 : 3
WATER : CEMENT : SAND : 20mm AGGREGATE

LAY CONCRETE SLAB OVER BLACK PLASTIC SHEETING

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**CONCRETE STRIP FOOTING NOTES**

1. THESE DETAILS SHALL ONLY BE USED FOR SINGLE STOREY BUILDINGS
2. ALL REINFORCING SHALL HAVE 50mm CONCRETE COVER.
3. STRIP FOOTINGS MUST SIT ON NATURAL GROUND (SAND AND CORAL), WHERE FILL OR ORGANIC MATERIAL IS FOUND THIS MUST BE REMOVED TO THE LEVEL OF THE NATURAL GROUND.
4. ALL STEEL REINFORCING TO BE MINIMUM GRADE 300MPa

**CONCRETE MIX**

0.75 : 1 : 2 : 3
WATER : CEMENT : SAND : 20mm AGGREGATE

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**ADDITIONAL NOTES**

- LAYOUT PLAN
  - SCALE: 1:100
  - DRAWING NUMBER:
  - ISSUE:
  - DATE: 21/03/2024

- FOUNDATION PLAN
  - SCALE: 1:100
  - DRAWING NUMBER:
  - ISSUE:
  - DATE: 21/03/2024

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**TECHNICAL DESIGN SERVICES**

TECHNICAL DESIGN SERVICES
ARCHITECTURAL UNIT
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PO BOX 498
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**INCINERATOR SHED**

CLIENT: MHMS
PROJECT NO: 032306

**LAYOUT&FDN PLANS**

DRAWN BY: KB
REVIEWED BY: JT
DATE: 22/02/24
SCALE: As Indicated
DRAWING NUMBER: 02
ISSUE:

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G:\DESIGN\1.2 Current Projects\032306 MHMS INCINERATOR SHED\06 Drawings\032306 MHMS INCINERATOR SHED_230913\032306 MHMS INCINERATOR SHED_240212_Ver 3_B.rvt
PLUMBING PLAN

NOTE:
- GREY AND BLACK WATER DRAINAGE PIPES
  BOTH CONNECTED TO PUB SEWER LINE.
- DIRECTION OF INLET AND OUTLET PIPES
  DEPENDS ON LOCATION OF P.U.B. SERVICES IN
  RELATION TO THE BUILDING
- OR STORAGE TANKS CAN BE INCORPORATED TO
  INLET PIPES (TO KITCHEN SINKS)
- OR TANKS SIMPLY HAVE DIRECT TAP
  OUTLETS
- TANKS CONCRETE BASE STAND SHOULD BE
  IN LEVEL WITH THE BUILDING FLOOR LEVEL
- WC CONNECTED TO P.U.B. SALT WATER LINE
- OR WELL WATER FROM ONSITE HEADER TANK
- SINKS, SHOWERS AND LAUNDRY TAPS
  CONNECTED TO P.U.B. CLEAN WATER LINE
  OR WELL WATER FROM ONSITE HEADER TANK

PLUMBING NOTES AND SPECIFICATIONS:
USE STAINLESS STEEL FOR ALL DRAINAGE PIPES, ABOVE AND BELOW
GROUND.

PLUMBING LEGEND
- INLET MIN. 65mm NOMINAL DIAMETER (DN)
- OUTLET (SIZES REFER NOTES BELOW)

MIN. SIZE OF TRAP OUTLET:
- 65 DN MIN. FOR ALL BRANCH DRAINS AT:
  DIAMETER (DN) IN MM):
  40 - BASIN
  40 - SHOWER
  80 - WATER CLOSET PAN
  40 - LAUNDRY DRAIN
  50 - KITCHEN SINK
- 3500.5

PLUMBING ITEMS

ELECTRICAL PLAN

S 1 : 100

ELECTRICAL LEGEND
- MAIN SWITCH BOARD
- DOUBLE GPO
- LIGHT SWITCH SINGLE, DOUBLE
- EARTHING
- WALL MOUNTED BATTEN LIGHT
- LIGHT BATTEN DOUBLE
- CABLE WIRE

NOTE:
1. ELECTRICAL SCHEMATIC PLANS SHALL BE INSTALLED BY
   A QUALIFIED AND LICENSED ELECTRICIAN/ENGINEER
2. WHERE APPLICABLE, USE ENERGY EFFICIENT
   APPLIANCES & LED LIGHTS
3. CABLE WIRE SIZES SHOULD BE:
   • 4 OR 6 sqmm FOR UNDERGROUND CABLES
   • 2.5 sqmm CABLES CONNECTING SWITCHBOARD
     FROM PUB BOX TO HOUSEHOLD SWITCHBOARD
   • 1.5 sqmm CABLES CONNECTING SWITCH POINTS
     TO LIGHTS AND OTHER CEILING/WALL MOUNTED
     APPLIANCES

FIRE SAFETY
- ABE fire extinguisher to AS2444 portable fire
  extinguishers and fire blankets. Place max 1200mm
  from finished floor level to top of extinguisher or min.
  100mm from finished floor level to bottom of extinguisher
- EARTH CABLE

ELECTRICAL ITEMS

DATE: 21/03/2024 12:27:51 PM

INCINERATOR SHED

ADD
TECHNICAL DESIGN SERVICES
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PROJECT NO:
032306

DATE:
22/02/24
032306

DRAWN BY:
KB
REVIEWED BY:
JT
DATE:
22/02/24
SCALE:
1 : 100
DRAWING NUMBER:
A03
ISSUE:
DETAIL DESIGN
OPENING SCHEDULE

3MM STAINLESS STEEL SHEETS

50MM EQ ANGLE BAR FIX TO 100X100 SHS

50X50 SHS

50X50X6MM SECURITY MESH

400

2700

2500

900

850

201x277
453x347
453x335
453x359
453x347
453x422
453x411
2100

2500

50MM EQ ANGLE BAR FIX TO 100X100 SHS

50X50 SHS

50X50X6MM SECURITY MESH
CONSTRUCTION SPECIFICATION

ALL SETOUT AND CONSTRUCTION DIMENSIONS ARE TO BE CHECKED ON SITE PRIOR TO STARTING ANY WORKS BY THE CONTRACTOR OR SUB-CONTRACTORS.

REFER ANY DISCREPANCIES TO ARCHITECT FOR RESOLUTION.

ROOF PLUMBING

GUTTERS
ZINCALUME FINISH STEEL EAVES GUTTERING. LYSAGHT 125 QUAD OR APPROVED EQUIVALENT. FIX GUTTER TO TIMBER FASCIA WITH MATCHING GUTTER BRACKETS.
FALL GUTTER TO DOWNPIPES AT A MINIMUM GRADIENT OF 1 IN 400. TEST FALL OF GUTTER BY FILLING WITH WATER AND ENSURING WATER FULLY DRAINS TO DOWNPIPES.
INSTALL GUTTERS PRIOR TO FIXING ROOF SHEETING.
DO NOT USE PVC PIPE INSTEAD OF STEEL GUTTERING.

DOWNPIPES
100 DIA. UPVC - PAINT FINISH.

ROOFING
CUSTOM ORB ROOF SHEET
FIX STEEL ROOFING TO TIMBER ROOFING BATTENS WITH GALVANISED ROOFING SCREWS

RIDGE AND BARGE CAPPINGS
FOLDED STEEL SHEET - ZINCALUME FINISH
FIX CAPPINGS THROUGH STEEL ROOFING TO TIMBER ROOFING BATTENS WITH GALVANISED ROOFING SCREWS

RAINWATER TANKS
5000&1000 LITRE POLYETHELENE RAINWATER TANK ON CONCRETE FLOOR. PROVIDE ALUMINIUM MESH INSECT SCREEN AT INLET IN TOP OF TANK.

ROOF FRAMING
REFER TO SECTIONS AND DETAILS FOR C-PURLINS.
BE SURE TO INSTALL ALL BOTTOM CHORD TIES, ROOF BRACING AND TIES TO TOP PLATES.

CEILING BATTENS/NOGGINGS
Product Code: S5150, Lengths 2400 x BMT 0.5 x Width 51 x Depth/Height 36
PRODUCT CODE: S5150 - LENGTH 2400 X BMT 0.5 X WIDTH 51 X DEPTH/HEIGHT 36

BLOCKWORK & CONCRETING

CONCRETE BLOCKS
390x190x190 CONCRETE BLOCKS LAID IN STRETCHER BOND. 10mm FLUSH JOINTED MORTAR TO SPECIFICATION. RUN STRING LINE FOR ALL BLOCKWORK COURSES. DO NOT TOOL JOINTS.
CHECK DETAILS FOR INSTALLATION OF REINFORCING.
BACKFILL HOLLOW BLOCKS WITH GROUT.

BLOCKWORK FINISH
FLUSH JOINTED MORTAR (DO NOT TOOL JOINTS).

MORTAR MIX
1:3 CEMENT:SAND RATIO

GROUT MIX
DESIGN MIX TO CONFIRM TO A MINIMUM OF 20 MPa AGGREGATE(10MM)
USE AT LEAST 300KG OF CEMENT PER CUBIC METRE OF CONCRETE
USE AT LEAST 300KG OF CEMENT PER CUBIC METRE OF CONCRETE.

CONCRETE MIX
DESIGN MIX TO CONFIRM TO A MINIMUM OF 20 MPa AGGREGATE(20MM)
LAY CONCRETE SLAB OVER BLACK PLASTIC SHEETING, 50MM SAND BLINDING AND 150MM COMPACTED HARDCORE 0.75:1:2:4
WATER:CEMENT:SAND:AGGREGATE (20mm) RATIO
LAY CONCRETE SLAB OVER BLACK PLASTIC SHEETING, 50mm SAND BLINDING AND 150mm COMPACTED HARDCORE

REINFORCING
ALL STEEL REINFORCING TO BE MINIMUM GRADE 300MPa

BLOCKWORK FINISH
FLUSH JOINTED MORTAR (DO NOT TOOL JOINTS).

MORTAR MIX
1:3 CEMENT:SAND RATIO

GROUT MIX
DESIGN MIX TO CONFIRM TO A MINIMUM OF 20 MPa AGGREGATE(10MM)
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