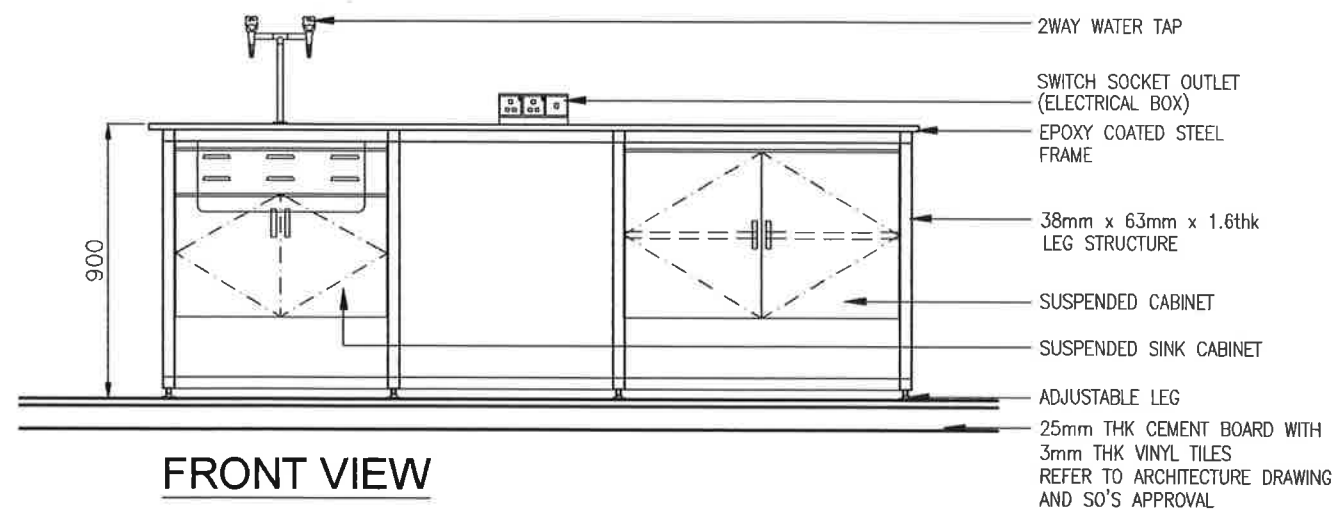
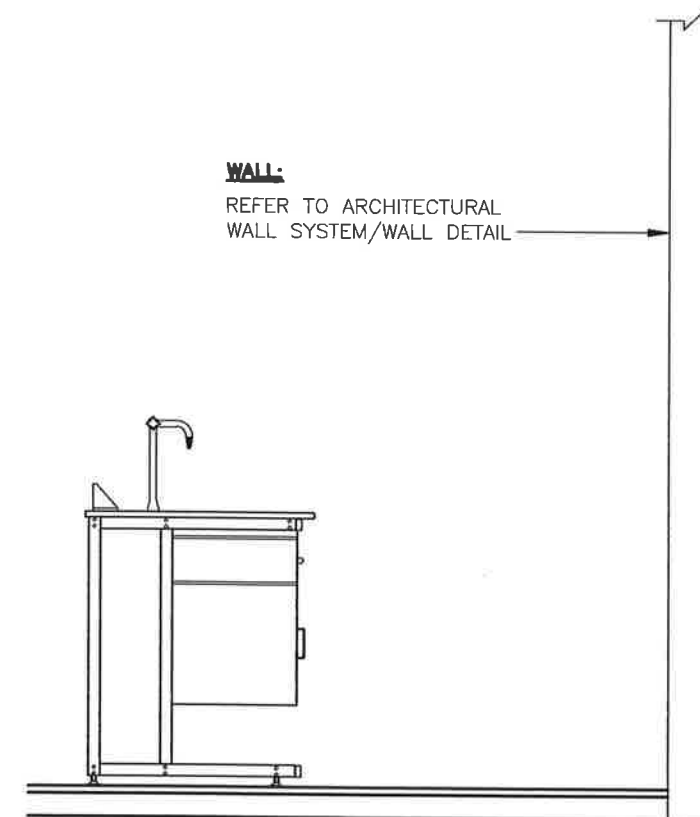


**PLAN VIEW**



**FRONT VIEW**



**SIDE VIEW**

**NOTE :**

1. STUDENT BENCH FRAME STRUCTURE :  
HOLLOW SECTION (SIZE 38mm X 38mm X 1.6mm thk.)
2. ADJUSTABLE LEG : MOULDED PLASTIC BASE WITH ZINC PLATED BOLT
3. LAB GRADE PHENOLIC WORK TOP (15mm thk.) : MAKMAL SAINS

**TEACHER BENCH - TB**



**CAWANGAN ARKITEK**  
IBU PEJABAT JABATAN KERJA RAYA  
MALAYSIA

PENGARAH KANAN CAWANGAN ARKITEK

DATIN Ar. HJH. MARIANI NOOR SUHUD

ARKITEK PENGUASA KANAN

ROSNIDA BINTI MOHD YUSOF

ARKITEK PENGUASA KANAN

NIK AINUN ZANARIAH NIK ABD. RASHID

ARKITEK KANAN

HABSATULLAILI BT HAJI ISHAK

ARKITEK

ZAWAWI BIN MOHD ALI

PROJEK

**PEMBINAAN SEMULA DAN MENAIK TARAF  
SEKOLAH DAIF TAHUN 2019**

**- BUTIRAN PERABOT MAKMAL SAINS**

TAJUK LUKISAN

**- TEACHER BENCH ( TB )**

NO. LUKISAN

**JKR / CA / LK / 02 / PM / 01**

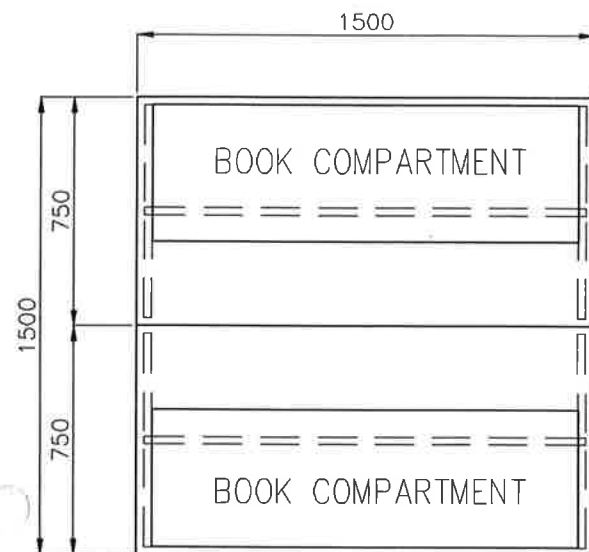
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FAZLIN

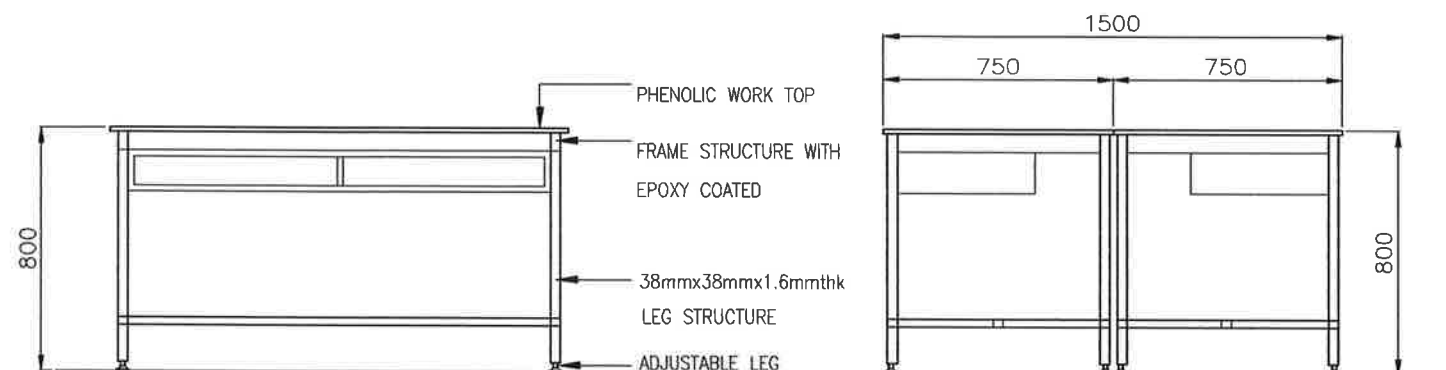
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ZAWAWI

SKALA  
1:25

TARIKH  
29/01/2019



PLAN VIEW



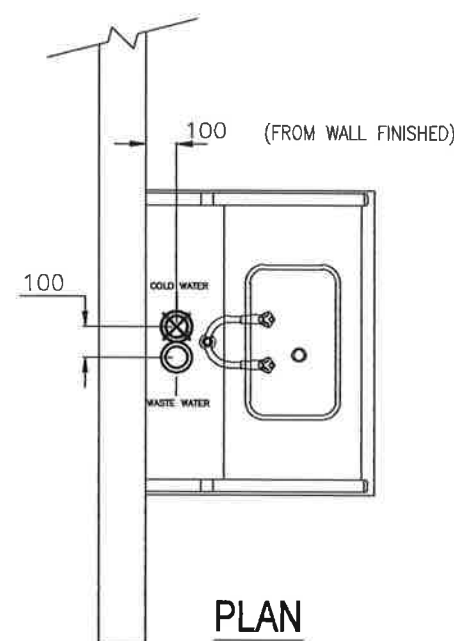
FRONT VIEW

SIDE VIEW

STUDENT BENCH - SB

NOTE :

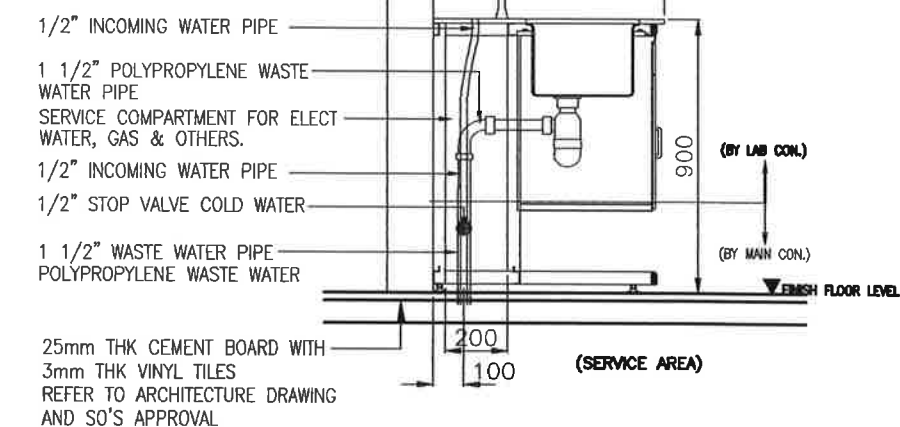
1. STUDENT BENCH FRAME STRUCTURE :  
HOLLOW SECTION (SIZE 38mm X 38mm X 1.6mm thk.)
2. ADJUSTABLE LEG : MOULDED PLASTIC BASE WITH ZINC PLATED BOLT
3. LAB GRADE PHENOLIC WORK TOP (15mm thk.) : MAKMAL SAINS



PLAN

WALL:

REFER TO ARCHITECTURAL WALL SYSTEM/WALL DETAIL



SIDE VIEW

— BY LAB CON.  
— BY MAIN CON.

SUPPLY AND DISCHARGE PIPING (WALL BENCH / STUDENT BENCH)



CAWANGAN ARKITEK  
IBU PEJABAT JABATAN KERJA RAYA  
MALAYSIA

PENGARAH KANAN CAWANGAN ARKITEK

DATIN Ar. HJH. MARIANI NOOR SUHUD

ARKITEK PENGUASA KANAN

NIK AINUN ZANARIAH NIK ABD. RASHID

PROJEK

PEMBINAAN SEMULA DAN MENAIK TARAF  
SEKOLAH DAIF TAHUN 2019

- BUTIRAN PERABOT MAKMAL SAINS

TAJUK LUKISAN

- STUDENT BENCH ( SB )

NO. LUKISAN

JKR / CA / LK / 02 / PM / 02

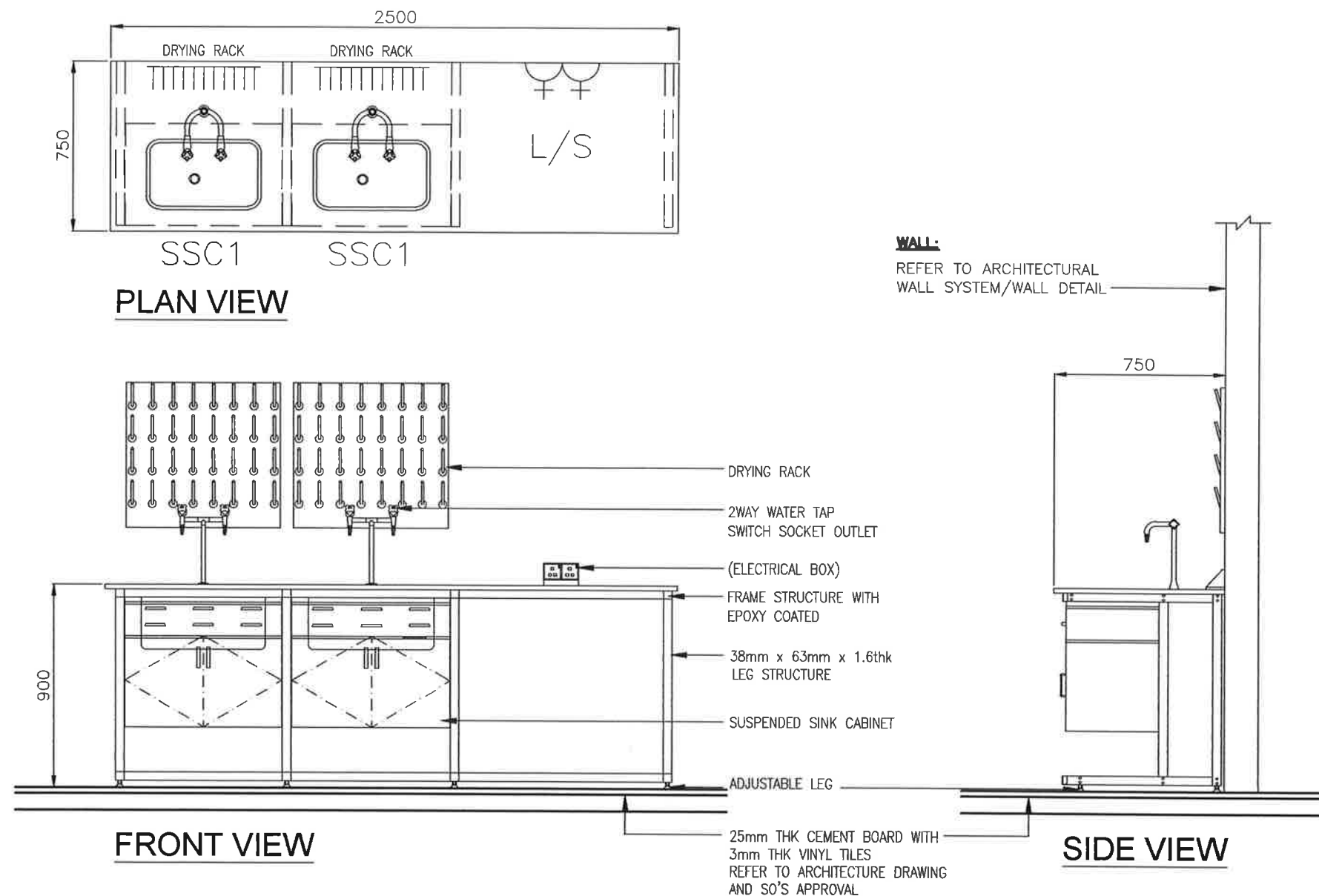
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DILUKIS  
FAZLIN

DISEMAK  
ZAWAWI

SKALA  
1:25

TARIKH  
29/01/2019



## WALL BENCH - BILIK PERSEDIAAN (WBP 1)



**CAWANGAN ARKITEK**  
IBU PEJABAT JABATAN KERJA RAYA  
MALAYSIA

PENGARAH KANAN CAWANGAN ARKITEK

DATIN Ar. FUJH. MARIANI NOOR SUHUD

ARKITEK PENGUASA KANAN

NIK AINUN ZANARIAH NIK ABD. RASHID

PROJEK

**PEMBINAAN SEMULA DAN MENAIK TARAF  
SEKOLAH DAIF TAHUN 2019**

**- BUTIRAN PERABOT MAKMAL SAINS**

TAJUK LUKISAN

**- WALL BENCH ( WBP 1 )**

NO. LUKISAN

**JKR / CA / LK / 02 / PM / 03**

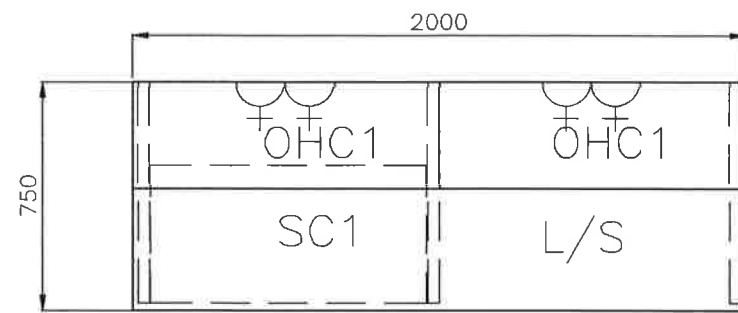
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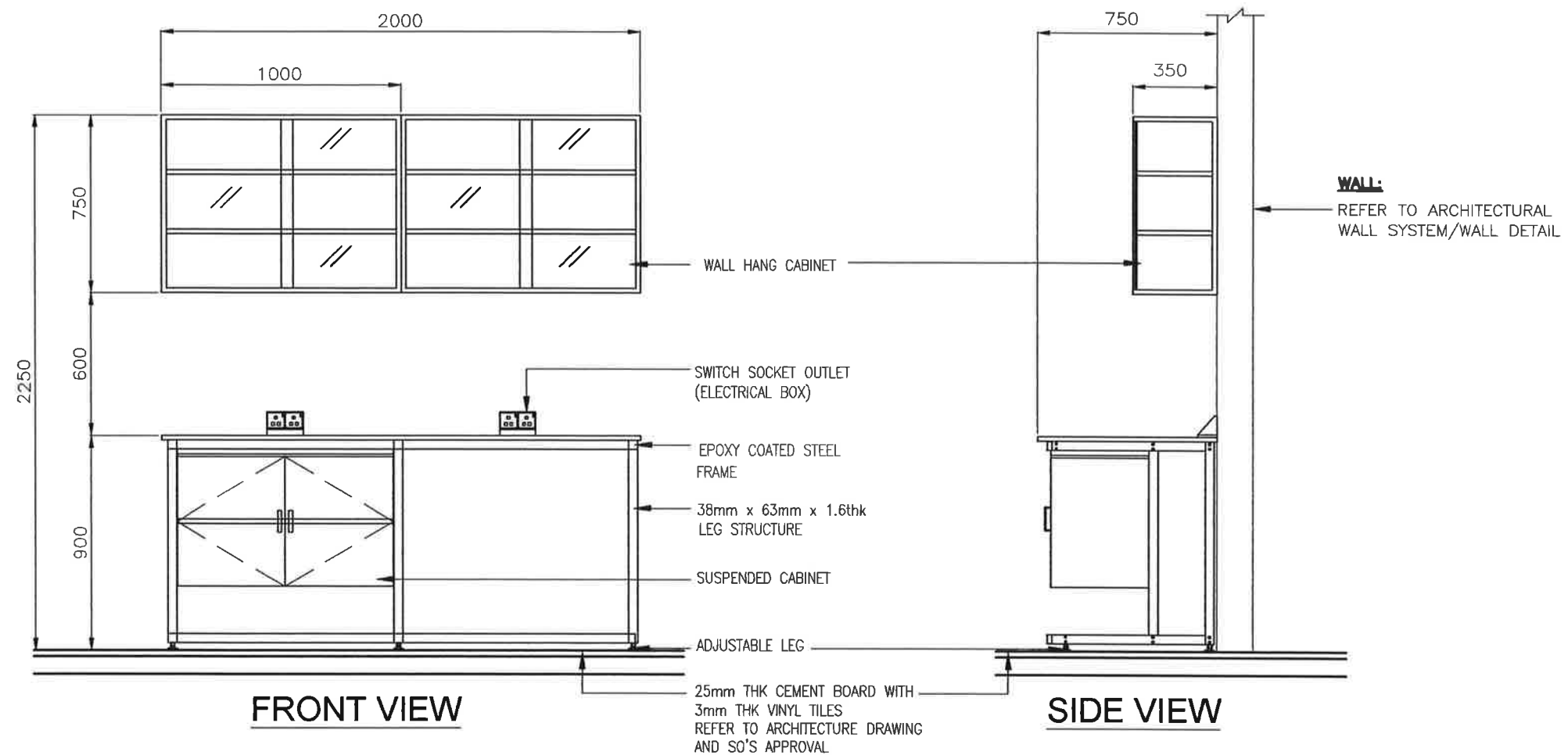
DISEMAK  
ZAWAWI

SKALA  
1:25

TARIKH  
29/01/2019



**PLAN VIEW**



**FRONT VIEW**

**SIDE VIEW**

**WALL BENCH - BILIK PERSEDIAAN (WBP 2)**



**CAWANGAN ARKITEK**  
IBU PEJABAT JABATAN KERJA RAYA  
MALAYSIA

PENGARAH KANAN CAWANGAN ARKITEK

DATIN Ar. HJH. MARIANI NOOR SUHUD

ARKITEK PENGUASA KANAN

NIK AINUN ZANARIAH NIK ABD. RASHID

ARKITEK PENGUASA KANAN

ROSNIDA BINTI MOHD YUSOF

ARKITEK KANAN

HABSATULLAILI BT HAJI ISHAK

ARKITEK

ZAWAWI BIN MOHD ALI

PROJEK

**PEMBINAAN SEMULA DAN MENAIK TARAF  
SEKOLAH DAIF TAHUN 2019**

**- BUTIRAN PERABOT MAKMAL SAINS**

TAJUK LUKISAN

**- WALL BENCH ( WBP 2 )**

NO. LUKISAN

**JKR / CA / LK / 02 / PM / 04**

PINDAAN

DILUKIS  
FAZLIN

DISEMAK  
ZAWAWI

SKALA  
1:25

TARIKH  
29/01/2019

**WALL:**

REFER TO ARCHITECTURAL  
WALL SYSTEM/WALL DETAIL

ELECTRICAL INCOMING PIPE

FLUSH WALL MOUNTED METALCLAD  
SW. SOCKET OUTLET  
METALCLAD SINGLE SIDED SW.  
SOCKET OUTLET OR NETWORKING OUTLET.

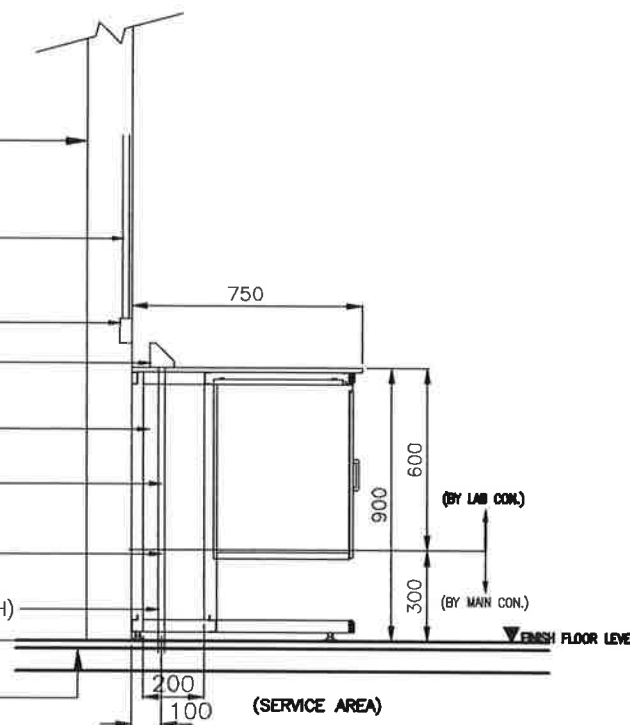
SERVICE COMPARTMENT FOR ELECT  
WATER, GAS & OTHERS.

UPVC CONDUIT OR G.I CONDUIT

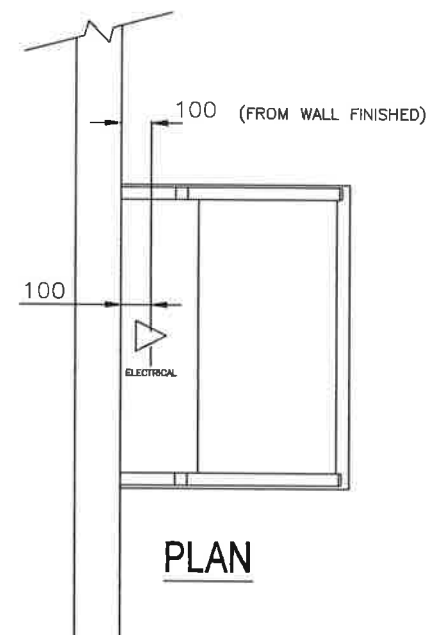
2M ~ 3M EXTRA PVC CABLE

ELECTRICAL INCOMING CONDUIT AT 300mm(H)  
FROM F.F.L

25mm THK CEMENT BOARD WITH  
3mm THK VINYL TILES  
REFER TO ARCHITECTURE DRAWING  
AND SO'S APPROVAL



**SIDE VIEW**



**PLAN**

**ELECTRICAL WIRING TERMINATION DETAIL (SCOPE OF WORK)**

— BY LAB CON.  
— BY MAIN CON.



**CAWANGAN ARKITEK**  
IBU PEJABAT JABATAN KERJA RAYA  
MALAYSIA

PENGARAH KANAN CAWANGAN ARKITEK

DATIN A. HJH. MARIANI NOOR SUHUD

ARKITEK PENGUASA KANAN

NIK AINUN ZANARIAH NIK ABD. RASHID

PROJEK

**PEMBINAAN SEMULA DAN MENAIK TARAF  
SEKOLAH DAIF TAHUN 2019**

**- BUTIRAN PERABOT MAKMAL SAINS**

TAJUK LUKISAN

**- ELECTRICAL WIRING  
TERMINATION DETAIL**

NO. LUKISAN

JKR / CA / LK / 02 / PM / 05

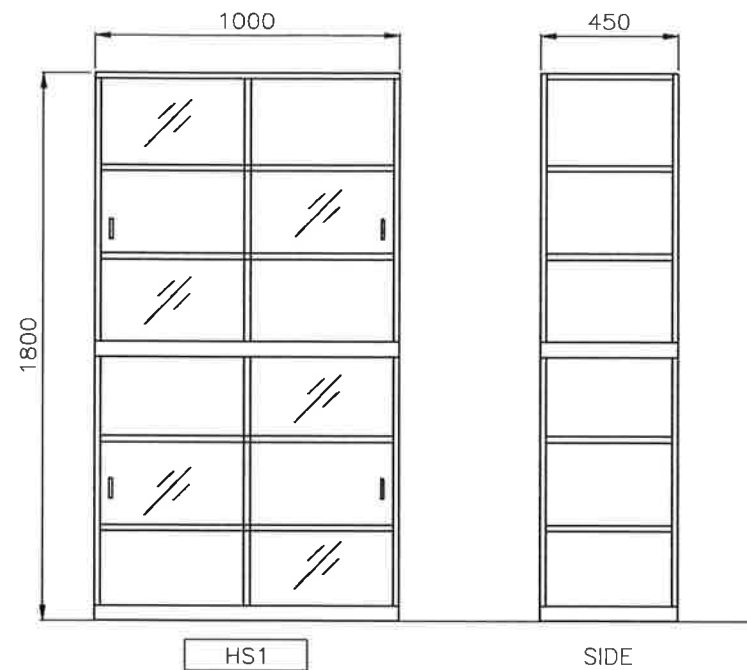
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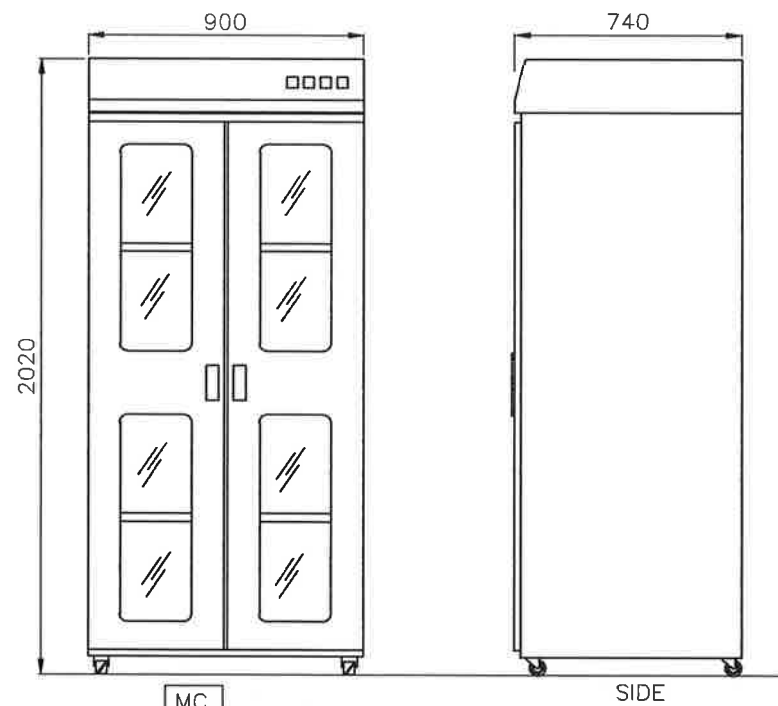
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ZAWAWI

SKALA  
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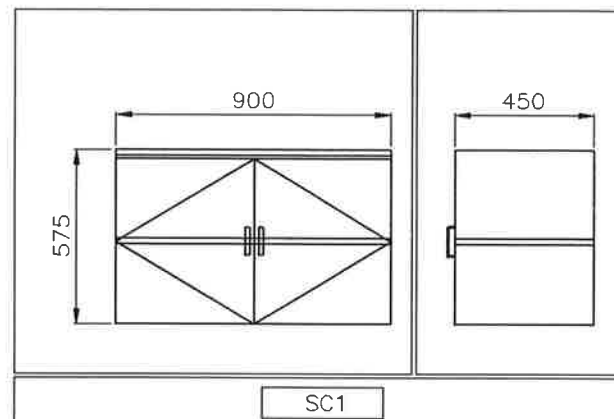
TARIKH  
29/01/2019



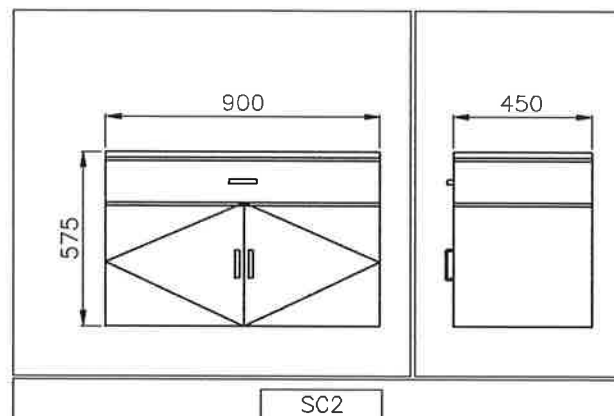
HS1  
HIGH STORAGE CABINET WITH  
2 TIER SLIDING GLASS ( thk.5mm).  
(2 NOS ADJUSTABLE SHELVING)  
SIZE: 1000mm(L)x450mm(D)x1800mm(H)



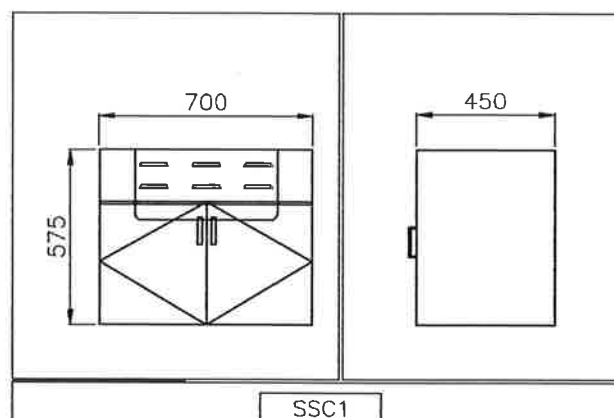
MC  
MICROSCOPE STORAGE CABINET  
SIZE: 900 mm(L)x740mm(D)x2020mm(H)



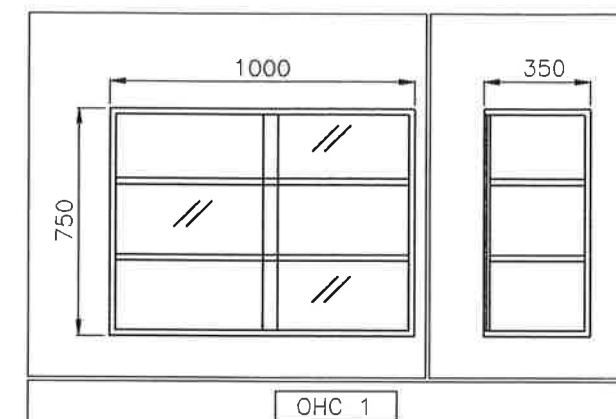
SC1  
SUSPENDED CABINET WITH 2 DOORS, 1 ADJUSTABLE SHELF,  
2 HANDLE 105mm X 30mm X 8mm thk AND 4 HINGES  
SIZE: 900mm(L) x 450mm(D) x 575mm(H)



SC2  
SUSPENDED CABINET WITH 2 DOORS, 1 DRAWER,  
2 HANDLE 105mm X 30mm X 8mm thk AND 4 HINGES  
SIZE: 900mm(L) x 450mm(D) x 575mm(H)



SSC1  
SUSPENDED SINK CABINET WITH 2 DOOR,  
2 HANDLE 105mm X 30mm X 8mm thk AND 2 HINGES  
SIZE: 700mm(L) x 450mm(D) x 575mm(H)



OHC 1  
OVERHEAD WALL CABINET (OHC) WITH SLIDING GLASS  
2 ADJUSTABLE SHELF  
SIZE: 1000mm(L) x 350mm(D) x 750mm(H)

## TYPE OF CABINET



CAWANGAN ARKITEK  
IBU PEJABAT JABATAN KERJA RAYA  
MALAYSIA

PENGARAH KANAN CAWANGAN ARKITEK

DATIN Ar. HJH. MARIANI NOOR SUHUD

ARKITEK PENGUASA KANAN

NIK AINUN ZANARIAH NIK ABD. RASHID

PROJEK

PEMBINAAN SEMULA DAN MENAIK TARAF  
SEKOLAH DAIF TAHUN 2019

- BUTIRAN PERABOT MAKMAL SAINS

TAJUK LUKISAN

- TYPE OF CABINET

NO. LUKISAN

JKR / CA / LK / 02 / PM / 06

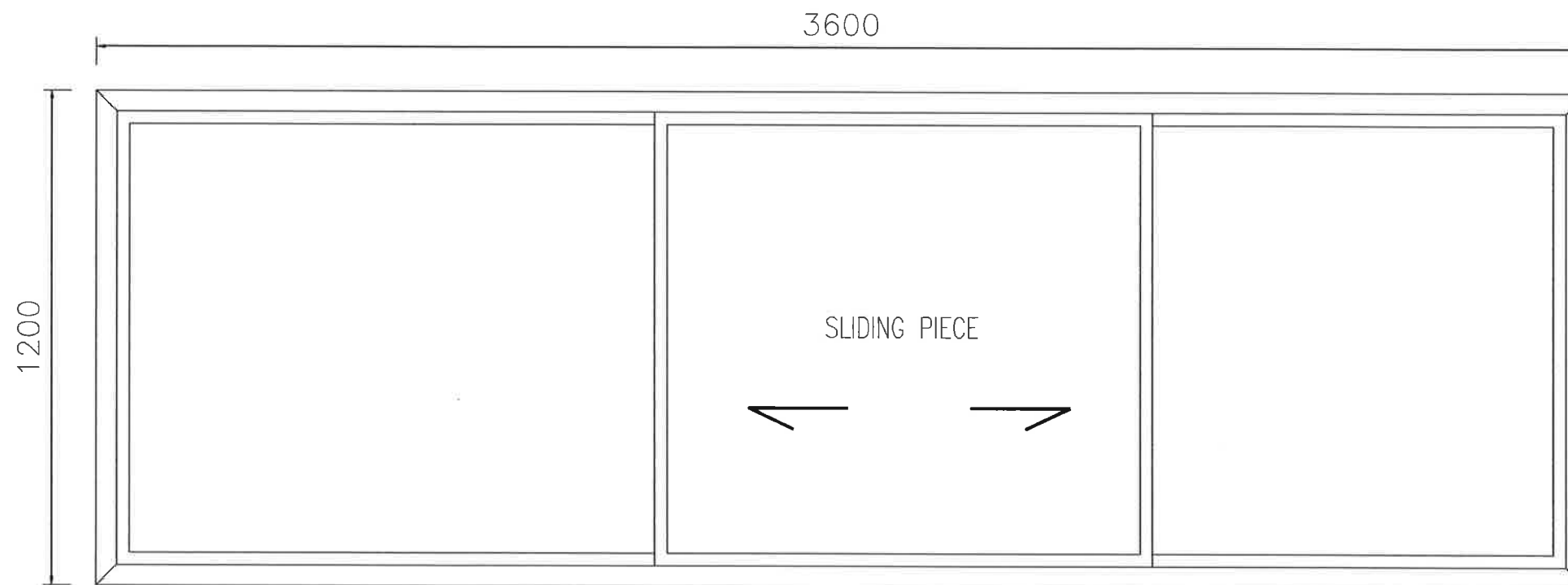
PINDAAN

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FAZLIN

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ZAWAWI

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1:25

TARIKH  
29/01/2019



# **WHITE BOARD**

Size : 3600 x 1200 x 100mm thk  
 Frame : Timber  
 Finishes : Varnish  
 Mild steel sliding track are fitted with nylon "glides" to ease sliding action



**CAWANGAN ARKITEK**  
 IBU PEJABAT JABATAN KERJA RAYA  
 MALAYSIA

PENGARAH KANAN CAWANGAN ARKITEK

DATIN Ar. HJH. MARIANI NOOR SUHUD

ARKITEK PENGUASA KANAN

ROSNIDA BINTI MOHD YUSOF

ARKITEK PENGUASA KANAN

NIK AINUN ZANARIAH NIK ABD. RASHID

ARKITEK KANAN

HABSATULLAILI BT HAJI ISHAK

ARKITEK

ZAWAWI BIN MOHD ALI

PROJEK

**PEMBINAAN SEMULA DAN MENAIK TARAF  
 SEKOLAH DAIF TAHUN 2019**

**- BUTIRAN PERABOT MAKMAL SAINS**

TAJUK LUKISAN

**- WHITE BOARD**

NO. LUKISAN

**JKR / CA / LK / 02 / PM / 07**

PINDAAN

DILUKIS  
FAZLIN/GINO

DISEMAK  
ZAWAWI

SKALA  
1:15

TARIKH  
29/01/2019