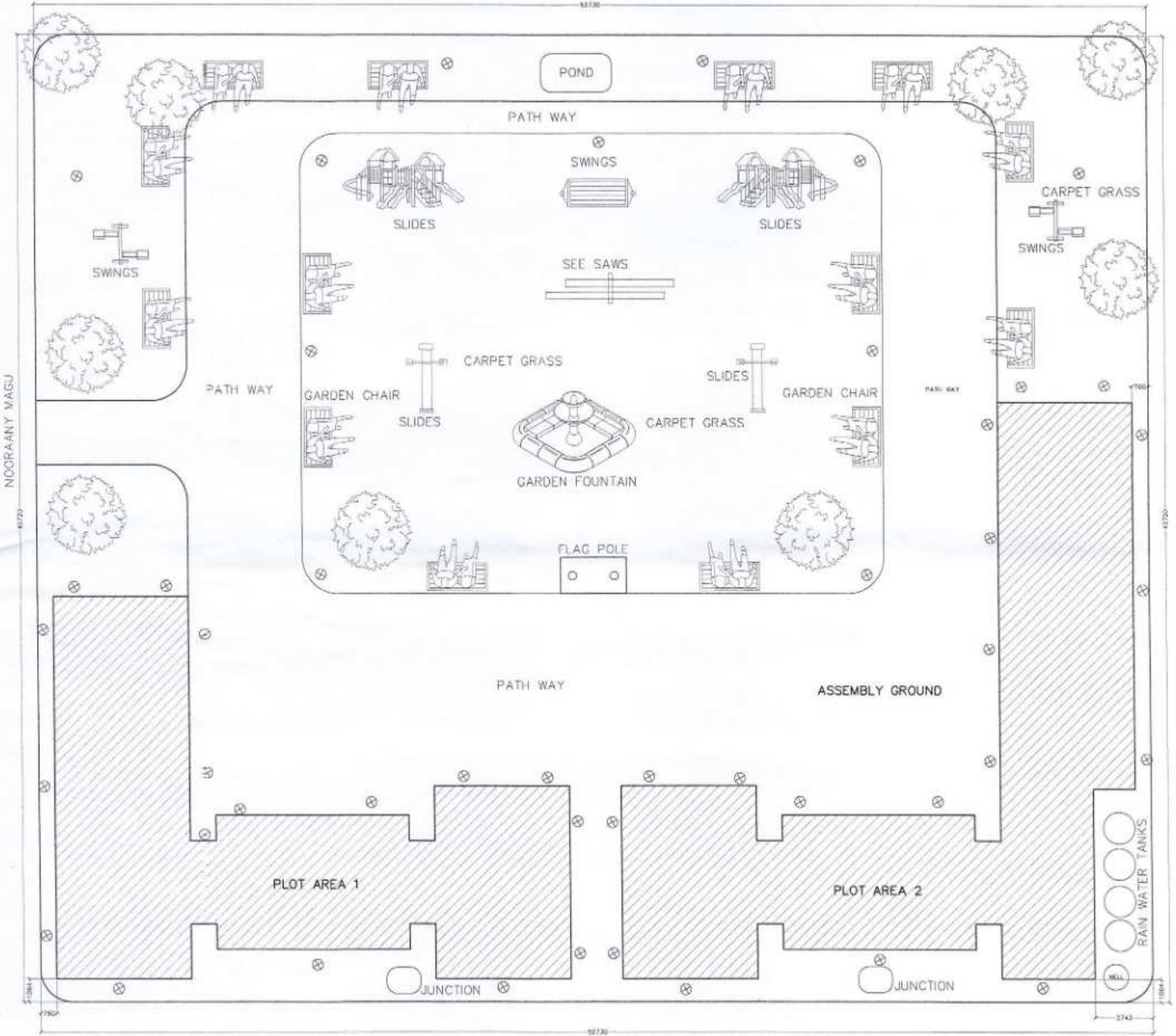


**Proposed Single Storey School At
H.A. Ihavandhoo
Architectural Drawings**

20th Sep 2012

ArchEng
s t u d i o
G. Uthurubin, 1st floor, Male', Republic of Maldives
admin@archeng.biz



SITE LAYOUT PLAN
SCALE 1:200


 Ministry of Housing, & Environment
ACCREDITED PROFESSIONAL:
 PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 08.05.12 - 05.05.15
 Accredited No: NBPARD0008A1 81-2989-008-004

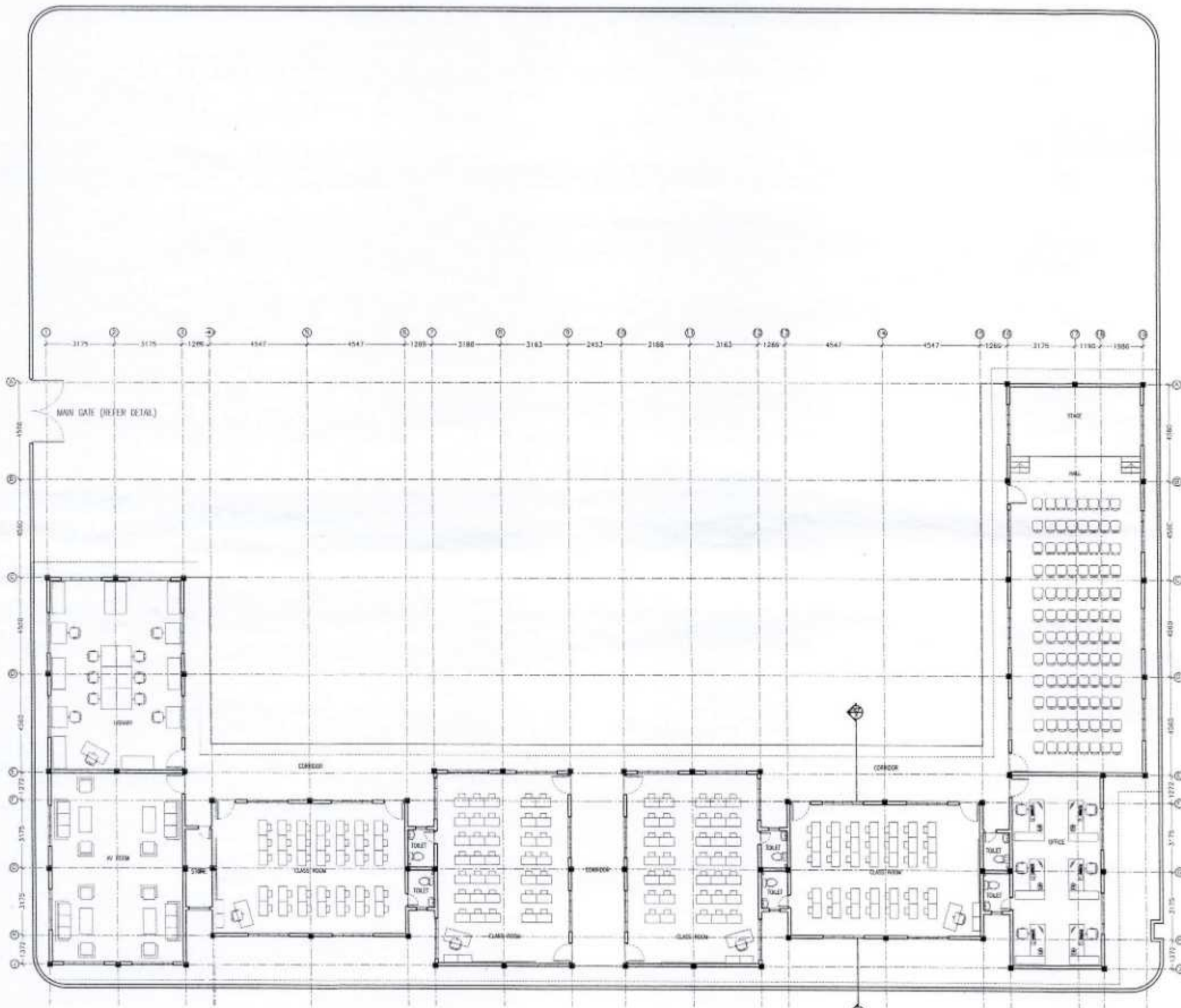
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.



| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | IHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: | H.A, IHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

A-01
DWG NO
PROJECT NO.: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR OTHER THAN SPECIFIED BY THE DRAWING IS PROHIBITED.



GENERAL KEY PLAN
SCALE 1:200

Ministry of Housing, & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 30.05.12 - 30.05.13
 Accredited No: NBPARG008A1 A1-2008-008-004

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

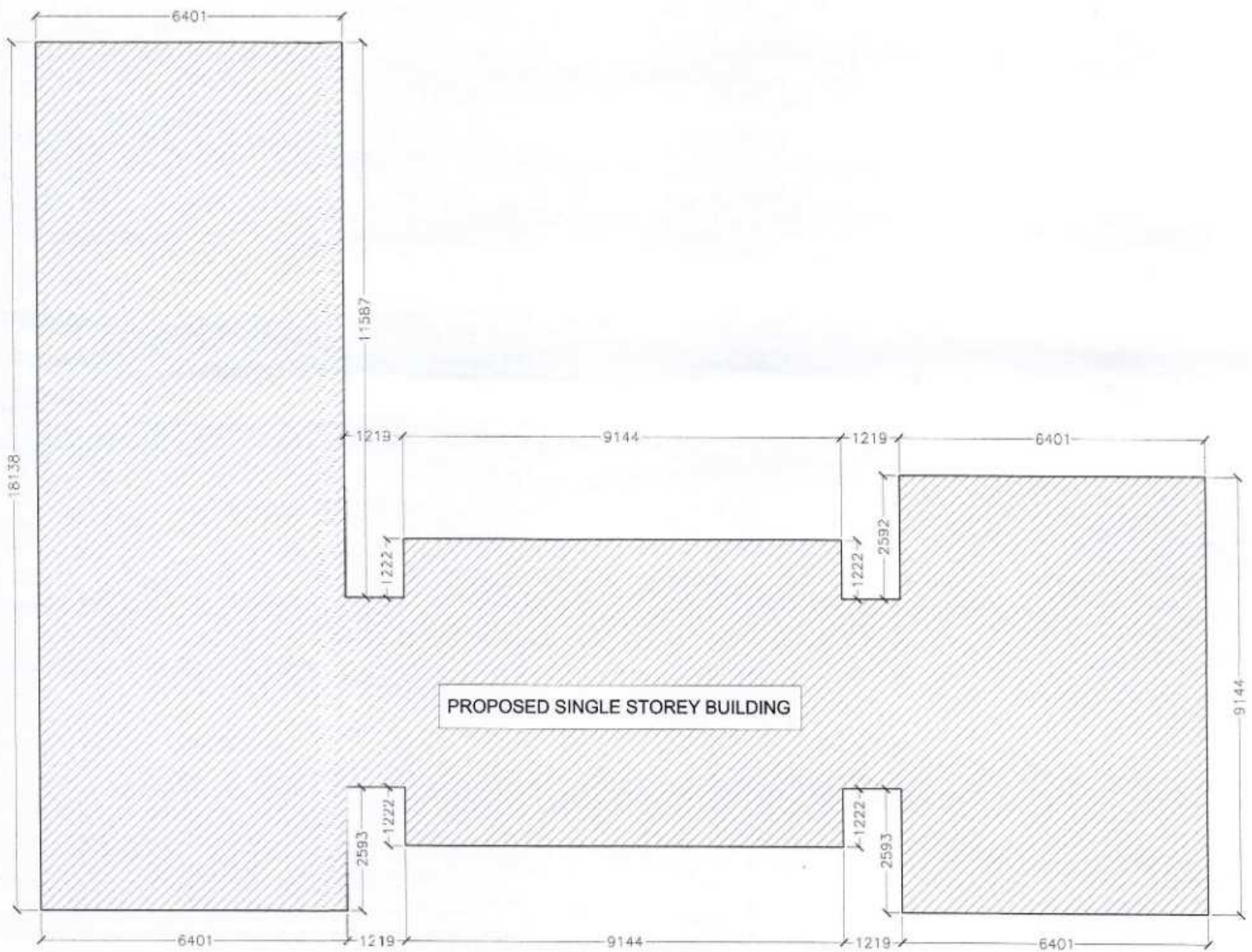


| | | | |
|-----------|------------------------------------|---------------------|------------------|
| REVISION: | ARCHITECT: | PROJECT: | HAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: | H.A. HAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASIO | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 30TH SEP 2012 | |

A-02

DWG NO
PROJECT NO: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



NOTE:
PROPOSED BUILDING AREA = 242.80 SQM


 Ministry of Housing, & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Atsar VALIDITY: 06.05.13 - 05.05.13
 Accredited No: NBPARDX008A1 A1-2009-088-004

SITE LAYOUT PLAN-1
SCALE 1:100

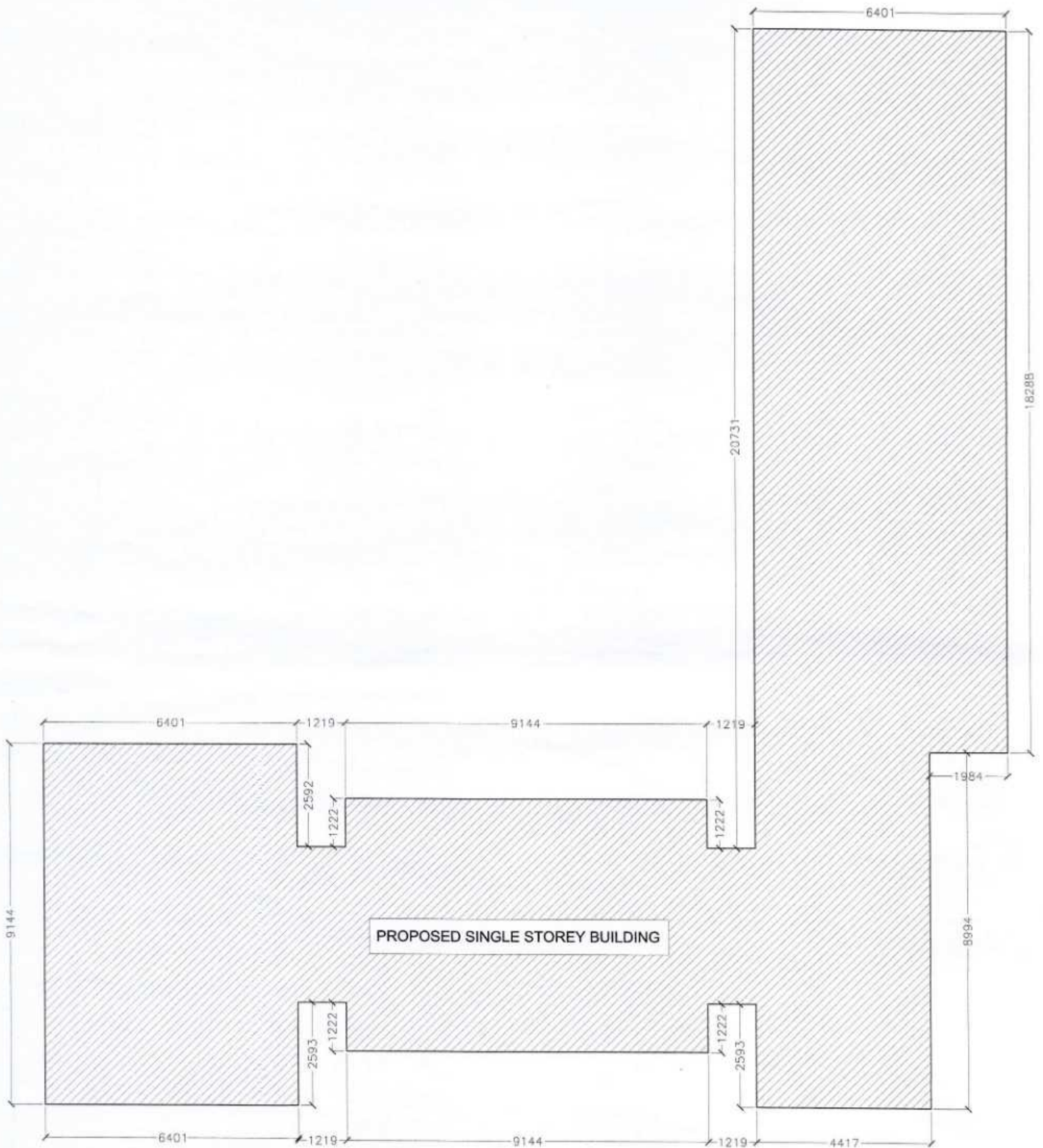
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | SHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED ATSAR | LOCATION: | H.A, SHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ARD | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

A-03
DWG NO
PROJECT NO: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR ANY OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



NOTE:
PROPOSED BUILDING AREA = 283.49 SQM

PROPOSED SINGLE STOREY BUILDING

SITE LAYOUT PLAN-2
SCALE 1:100


 Ministry of Housing & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 01.05.12 - 05.05.13
 Accredited No: NBPARD0008A1 A1-2008-908-004

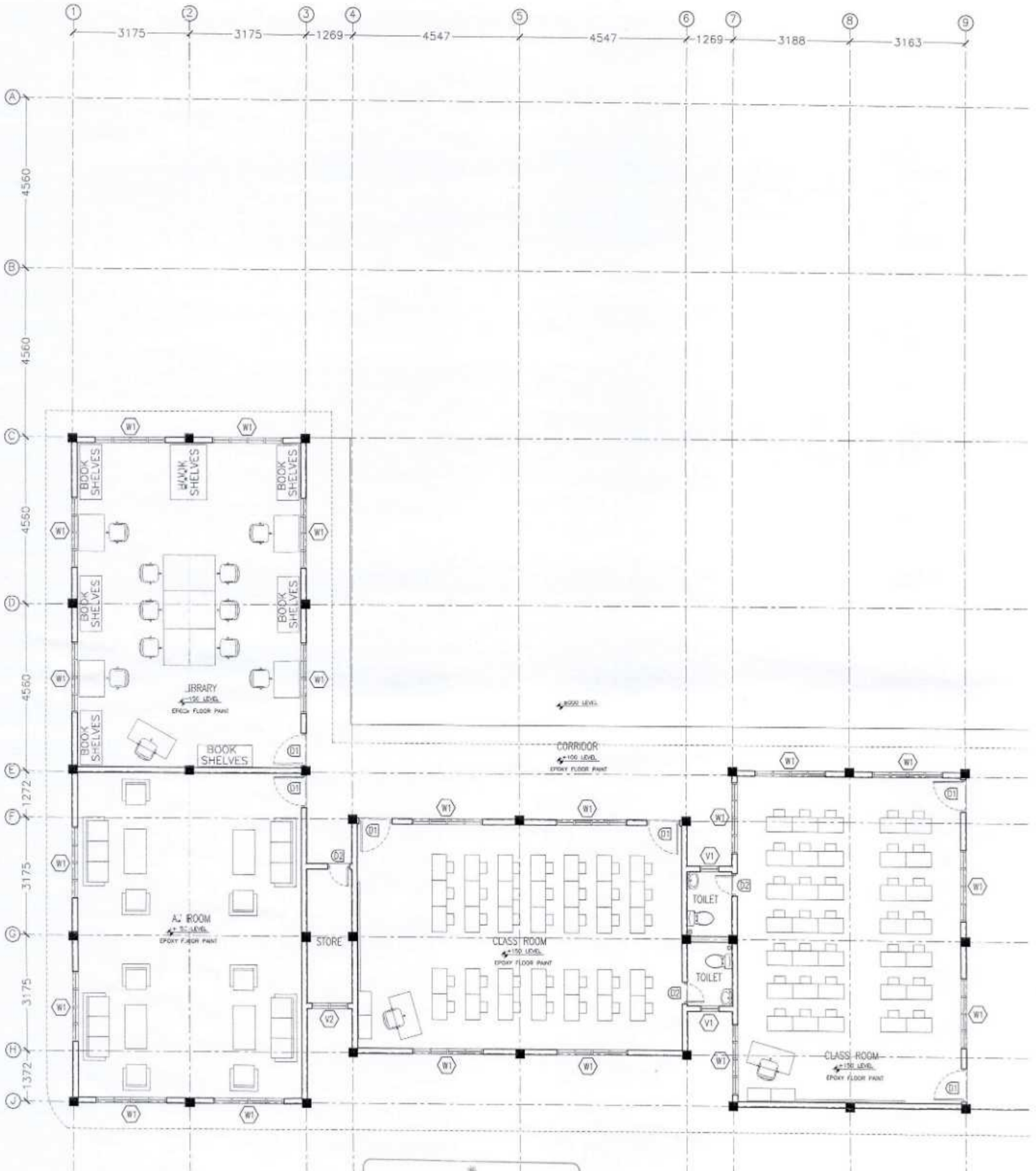
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



| | | | |
|-----------|------------------------------------|---------------------|--------------------|
| REVISION: | ARCHITECT: | PROJECT: | BHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: | H.A. BHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |
| | | | PROJECT NO: 13-067 |

A-04

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR WITH OTHER TYPE SPECIFIED ON THIS DRAWING IS PROHIBITED



GROUND FLOOR PLAN-1
SCALE 1:100


 Ministry of Housing & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ansan VALIDITY: 05.05.12 - 05.05.13
 Accredited No: NBPAR09008A1 A1-2009-056-884

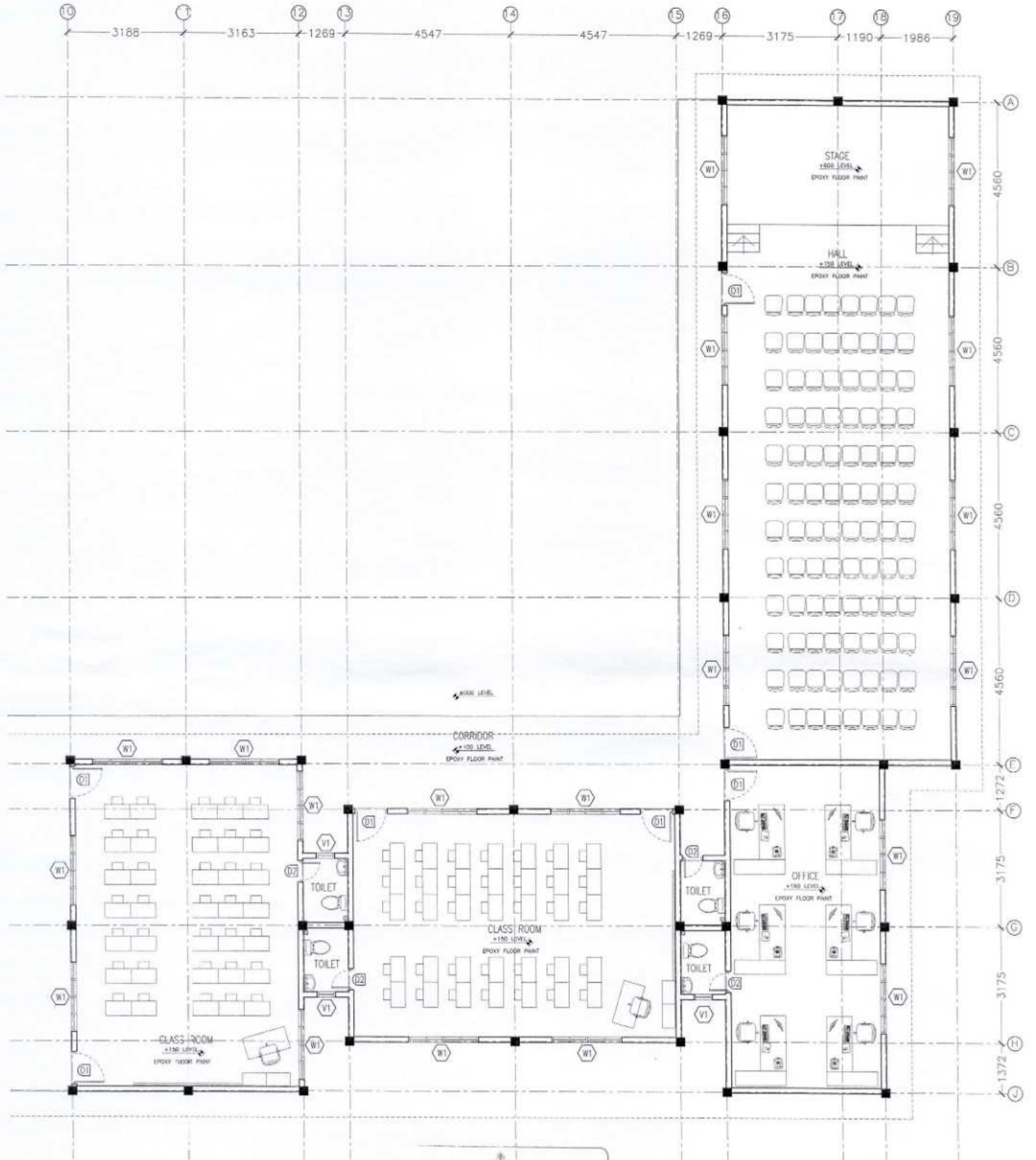
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS/FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | BHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED ANSAN | LOCATION: | H.A. BHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

A-05
DWG NO
PROJECT NO.: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN INDICATED ON THIS DRAWING IS PROHIBITED.



GROUND FLOOR PLAN-2
SCALE 1:100


 Ministry of Housing & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 06.05.12 - 05.05.13
 Accredited No: NBPAR09008A1 A1-2985-068-804

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

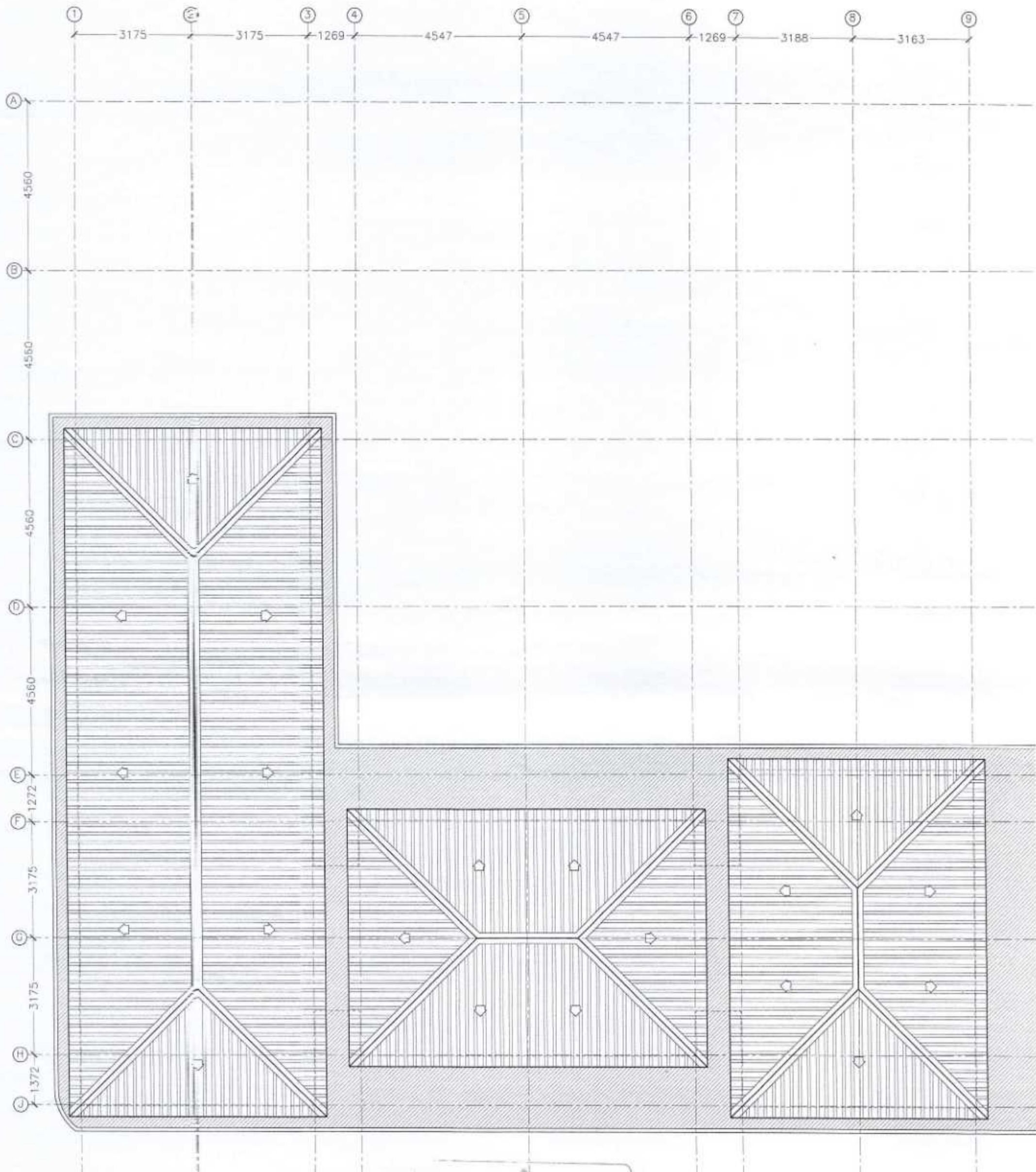


| | |
|-----------|------------------------------------|
| REVISION: | ARCHITECT: |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN |
| | SERVICES ENG: |
| | ESTIMATOR: |
| | DRAWN BY: ASID |

| | | | |
|----------------|--------------------|------------|---------------|
| PROJECT: | IHAVANDHOOD SCHOOL | | |
| LOCATION: | H.A. IHAVANDHOOD | | |
| DRAWING TITLE: | AS GIVEN | | |
| CLIENT: | | | |
| SCALE: | AS GIVEN | DIMENSION: | MM |
| | | DATE: | 20TH SEP 2012 |

A-06
DWG NO
PROJECT NO: 12-087

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT. LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED.



ROOF LAYOUT PLAN-1
SCALE 1:100

Ministry of Housing, & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER AT
 Name: Mohamed Ahsan VALIDITY: 08.05.12 - 08.05.13
 Accredited No: NBPARD9005A1 AT-2005-068-004

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.

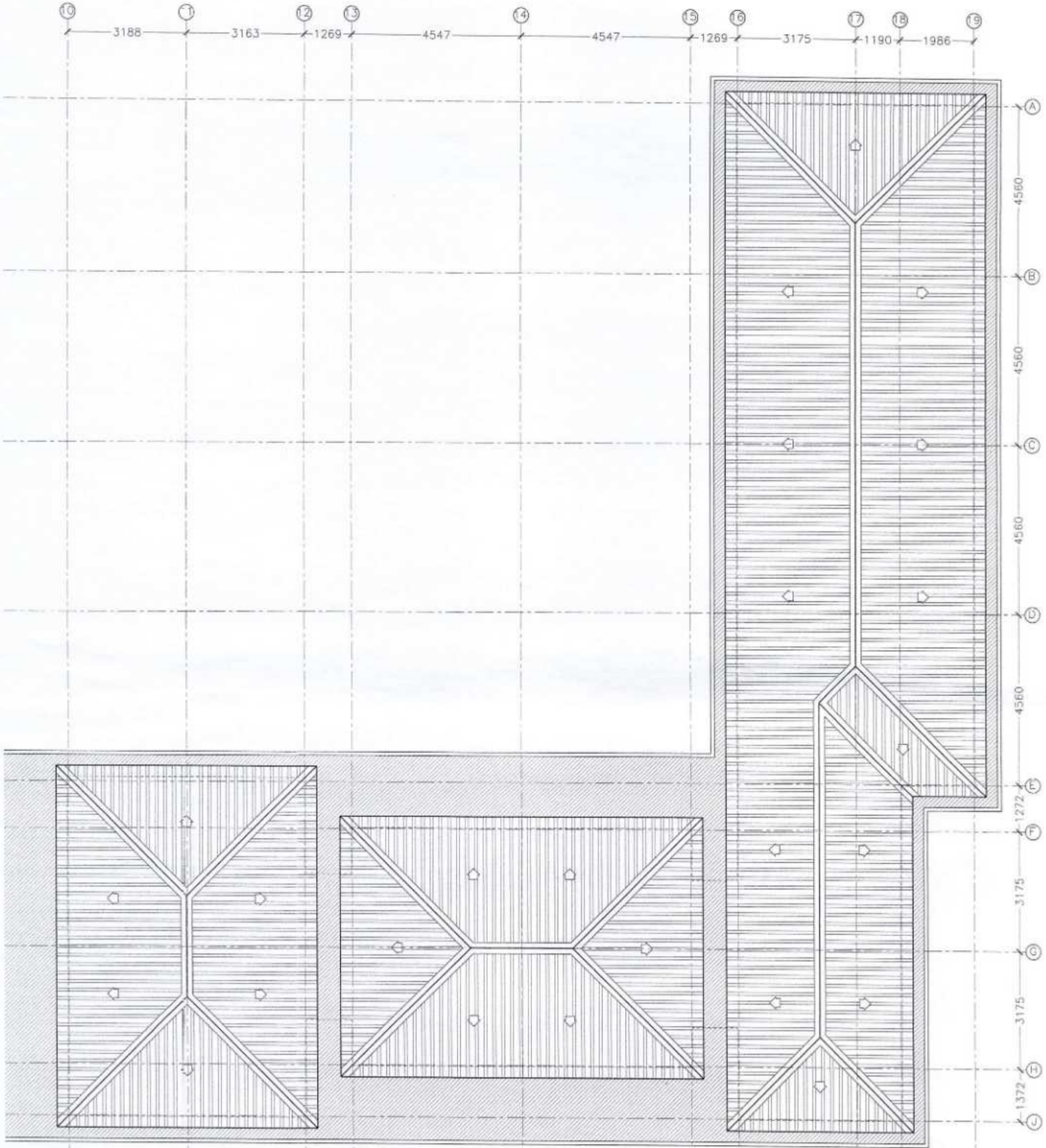


| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | IHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: | H.A. IHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

A-07

DWG NO
PROJECT NO: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



ROOF LAYOUT PLAN-2
SCALE 1:100

Ministry of Housing, & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 06-05-12 - 05-06-13
 Accredited No: NBPARD900BA1 31-2009-084-004

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

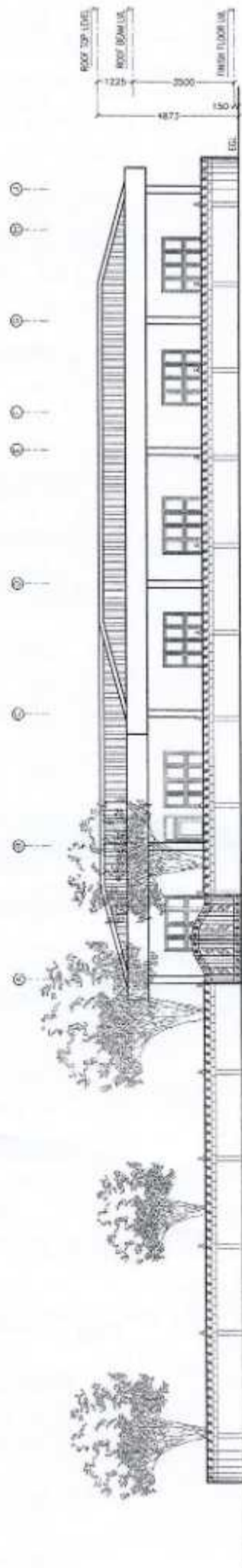


| | | | |
|-----------|------------------------------------|---------------------|------------------|
| REVISION: | ARCHITECT: | PROJECT: | BAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: | H.A. BAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASAD | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 30TH SEP 2012 | |

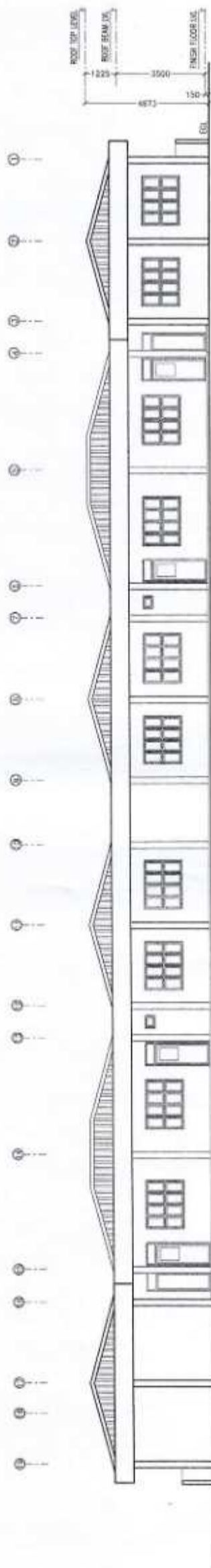
A-08

DWG NO
PROJECT NO. 12-067

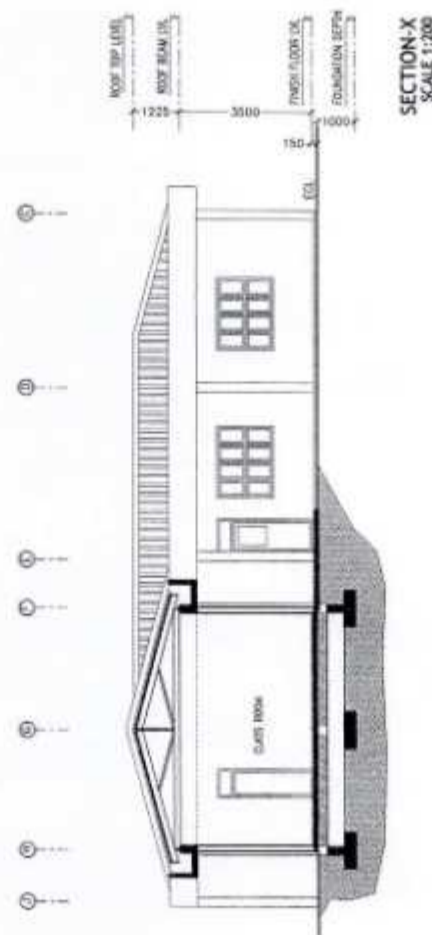
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT. LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



FRONT ELEVATION
SCALE 1:200



SIDE ELEVATION
SCALE 1:200



SECTION X-X
SCALE 1:200



CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



| | |
|-----------|------------------------------------|
| REVISION: | ARCHITECT: |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN |
| | SERVICES ENG: |
| | ESTIMATOR: |
| | DRAWN BY: ASID |

| | |
|----------------|-------------------|
| PROJECT: | IHAVANDHOO SCHOOL |
| LOCATION: | H.A. IHAVANDHOO |
| DRAWING TITLE: | AS GIVEN |
| CLIENT: | |
| SCALE: | AS GIVEN |
| DIMENSION: | MM |
| DATE: | 20TH SEP 2012 |

A-09

DWG NO
PROJECT NO: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO/PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED

ROOF TOP LEVEL
ROOF BEAM LVL
FINISH FLOOR LVL
1225 3500 4873 150

SIDE ELEVATION
SCALE 1:100

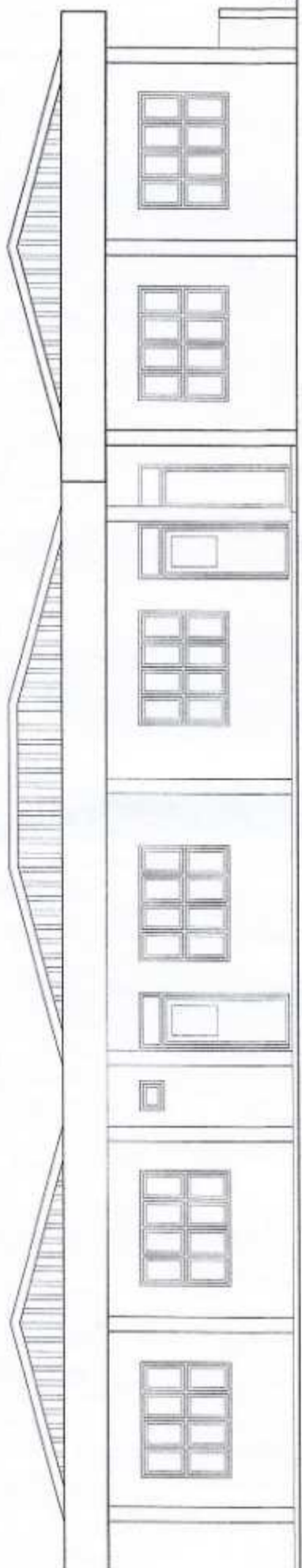
ROOF TOP LEVEL
ROOF BEAM LVL
FINISH FLOOR LVL
1225 3500 4873 150

SIDE ELEVATION
SCALE 1:100

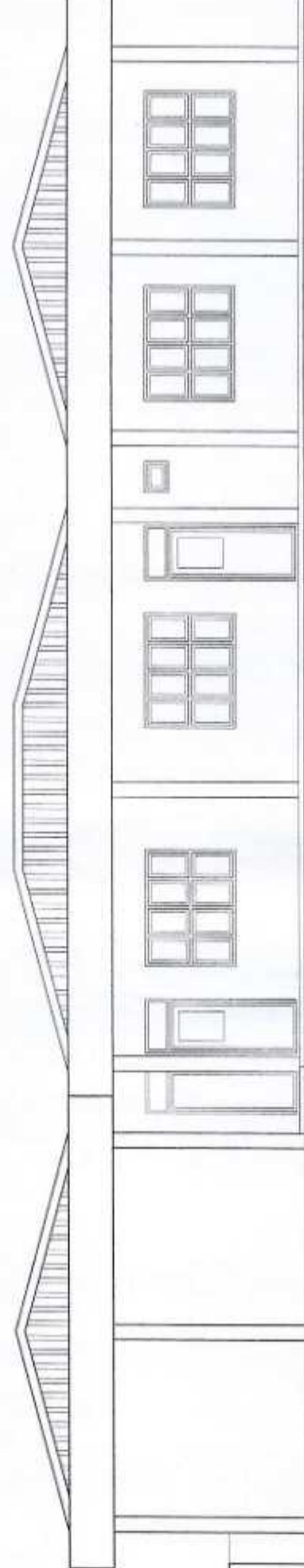
ROOF TOP LEVEL
ROOF BEAM LVL
FINISH FLOOR LVL
1225 3500 4873 150

FRONT ELEVATION
SCALE 1:100

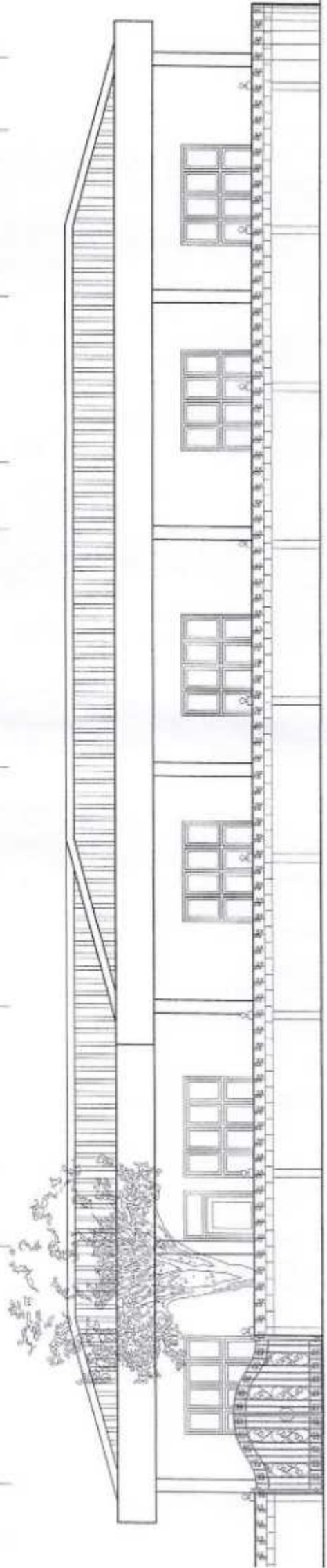
1
2
3
4
5
6
7
8
9



10
11
12
13
14
15
16
17
18
19



J
H
G
F
E
D
C
B
A



Ministry of Housing, & Environment
ACCREDITED PROFESSIONAL ENGINEER A1
Name: Mohamed Ahsan VALIDITY: 04.05.12 - 03.05.13
Accredited No: NBPAR09008A1 AS-2009-000-004

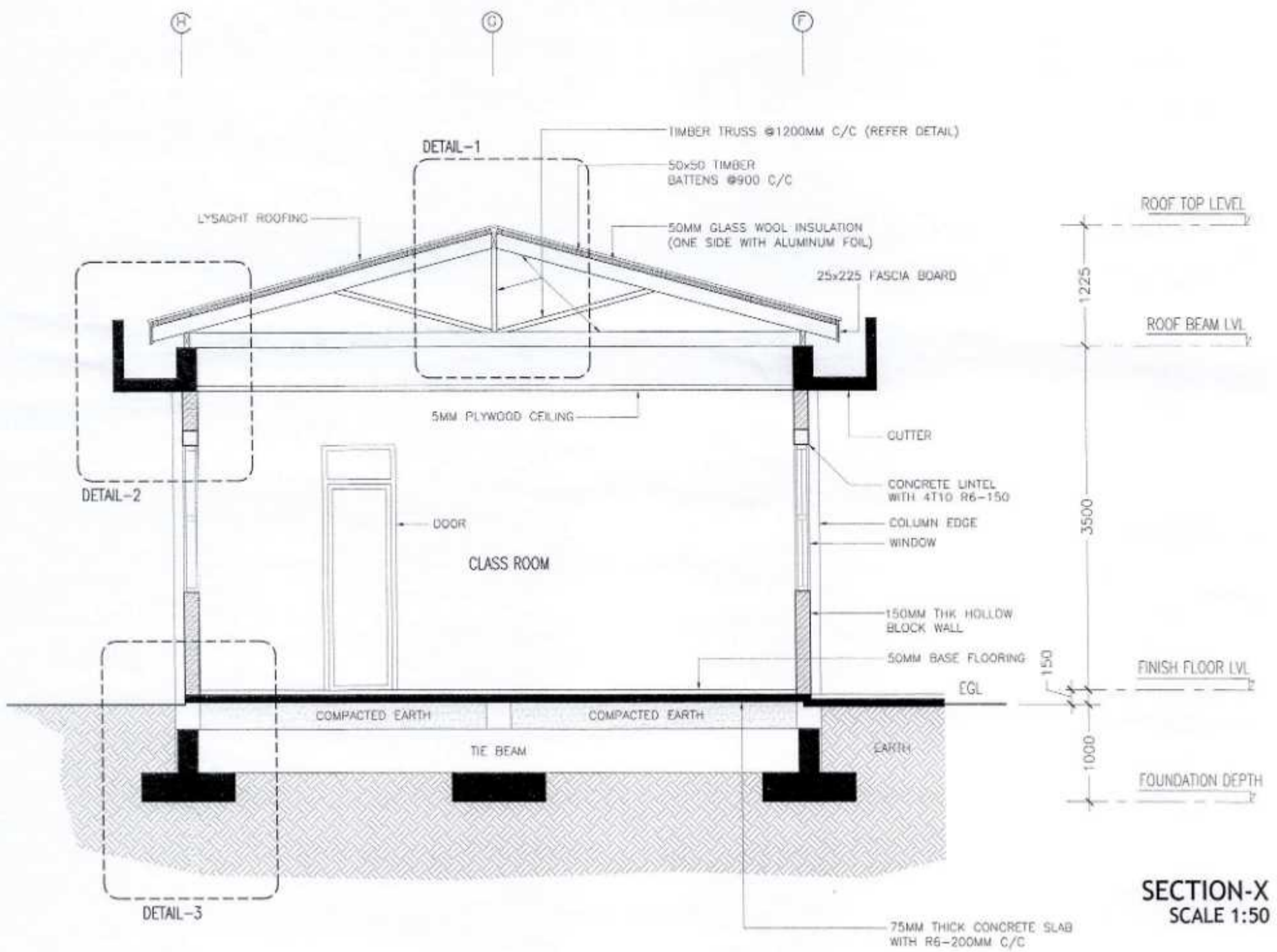
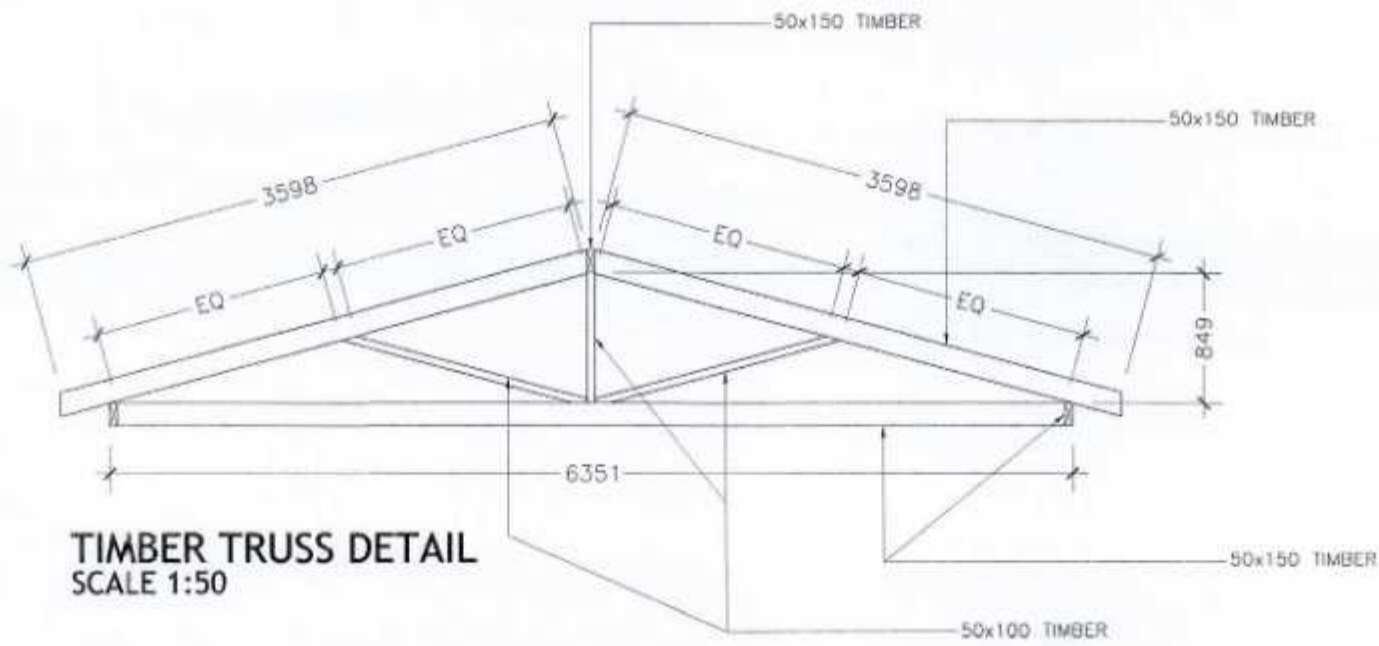
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

ArchEng studio
No. 77, Rajahmundry, 1-4 'Kaveri', 'Nile', Republic of Maldives
info@archeng.biz

| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | SHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: | H.A. SHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

A-10
DWG NO
PROJECT NO: 12-017

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED IN THIS DRAWING IS PROHIBITED




 Ministry of Housing, & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Alyan VALIDITY: 06.05.12 - 05.05.13
 Accredited No: NBPAR09008A1 A1-2009-008-004

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.

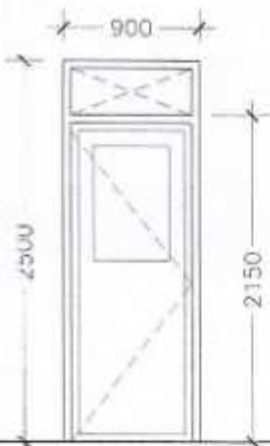
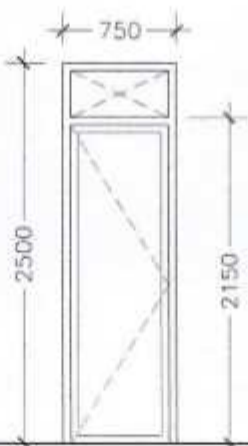
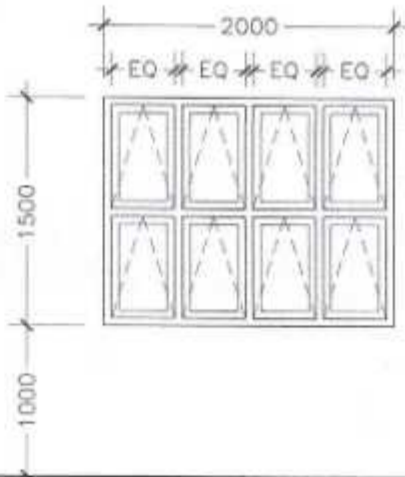
ArchEng
studio
No. 17, Rajahmundry, 1st Floor, Plot No. 10, Rajahmundry, Andhra Pradesh, India
www.archeng.in

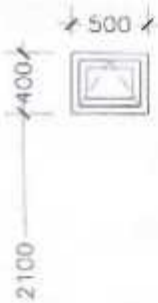
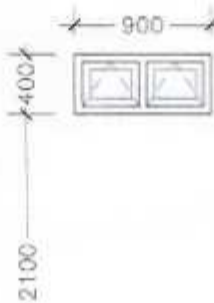
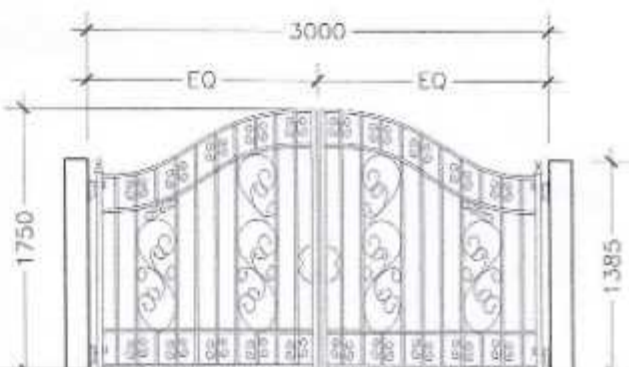
| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | IHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED ALYAN | LOCATION: | H.A. IHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

A-11

DWG NO
PROJECT NO: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED.

| SYMBOL | D1 | W1 | W1 |
|--------------|---|--|---|
| ELEVATIONS |  |  |  |
| LOCATION | - | - | - |
| NOS | - | - | - |
| FRAME | TREATED TIMBER | TREATED TIMBER | POWDER COATED ALUMINUM |
| FINISH | ENAMEL PAINT | ENAMEL PAINT | WHITE POWDER COATED |
| PANEL | SOLID TIMBER | SOLID TIMBER | 6MM TEMPERED GLASS (BLUE TINT) |
| LINTEL | CONCRETE LINTEL | CONCRETE LINTEL | CONCRETE LINTEL |
| CORE | TREATED TIMBER | TREATED TIMBER | - |
| LOCK | LATCH | LATCH | LATCH |
| HINGE | STAINLESS STEEL | STAINLESS STEEL | STAINLESS STEEL |
| CLOSER | REQUIRED | REQUIRED | REQUIRED |
| DOOR STOPPER | NA | NA | REQUIRED |

| SYMBOL | V1 | V2 | MAIN GATE |
|--------------|---|--|---|
| ELEVATIONS |  |  |  |
| LOCATION | - | - | - |
| NOS | - | - | - |
| FRAME | POWDER COATED ALUMINUM | POWDER COATED ALUMINUM | POWDER COATED ALUMINUM |
| FINISH | WHITE POWDER COATED | WHITE POWDER COATED | WHITE POWDER COATED |
| PANEL | 6MM TEMPERED GLASS (BLUE TINT) | 6MM TEMPERED GLASS (BLUE TINT) | - |
| LINTEL | CONCRETE LINTEL | CONCRETE LINTEL | - |
| CORE | - | - | - |
| LOCK | LATCH | LATCH | LATCH |
| HINGE | STAINLESS STEEL | STAINLESS STEEL | STAINLESS STEEL |
| CLOSER | REQUIRED | REQUIRED | REQUIRED |
| DOOR STOPPER | REQUIRED | REQUIRED | REQUIRED |



DOORS & WINDOWS SCHEDULE
SCALE 1:50

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS/FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

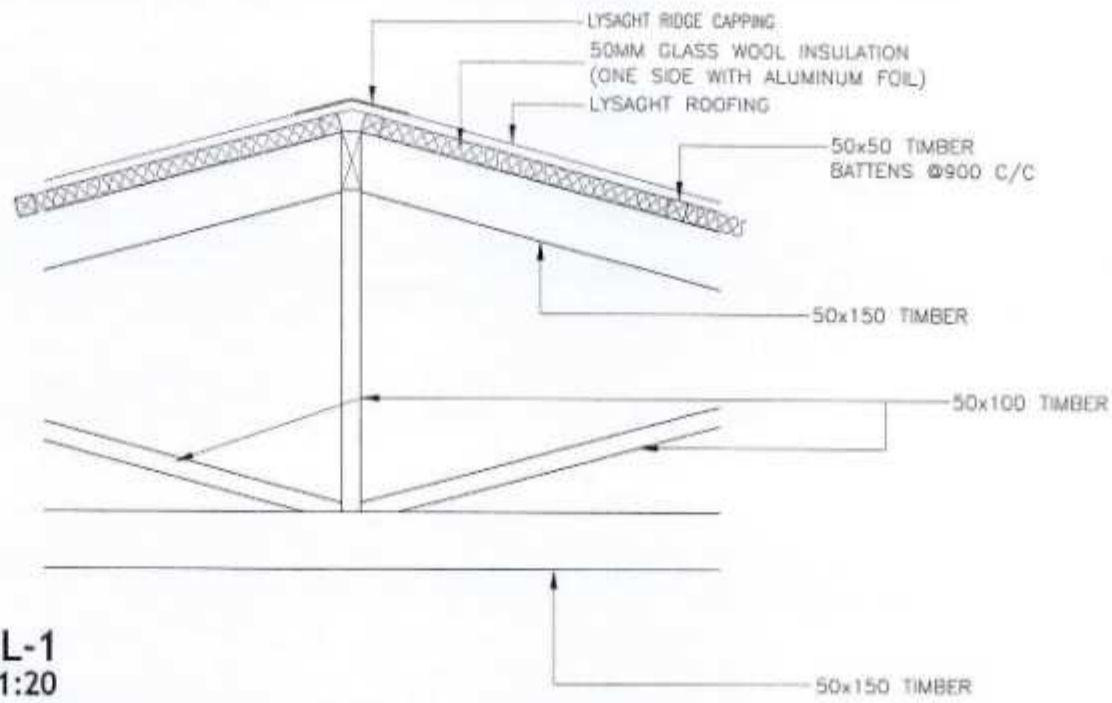


| | | | |
|-----------|------------------------------------|---------------------|------------------|
| REVISION: | ARCHITECT: | PROJECT: | HAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: | H.A. HAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

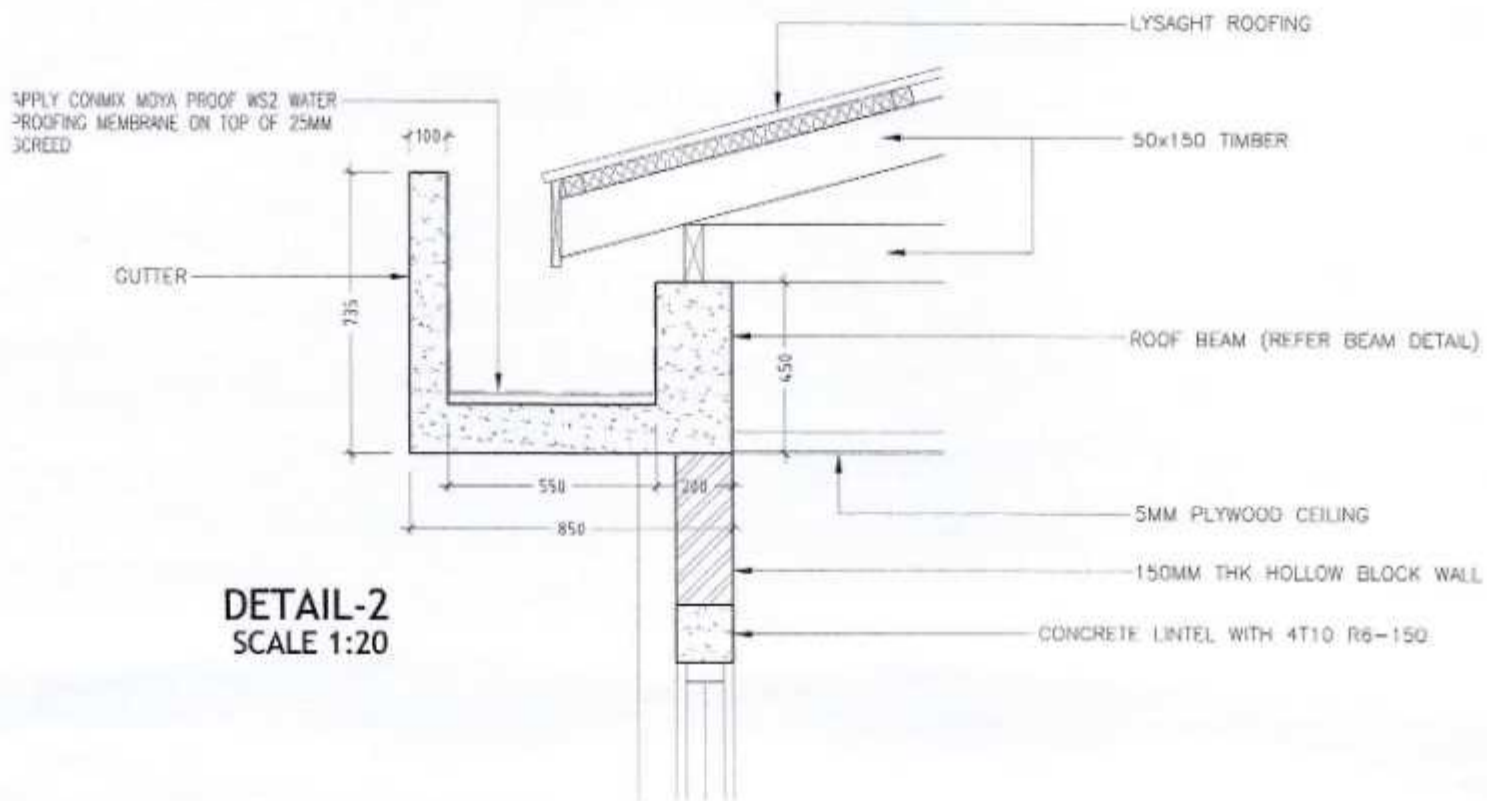
A-13

DWG NO
PROJECT NO: 12-067

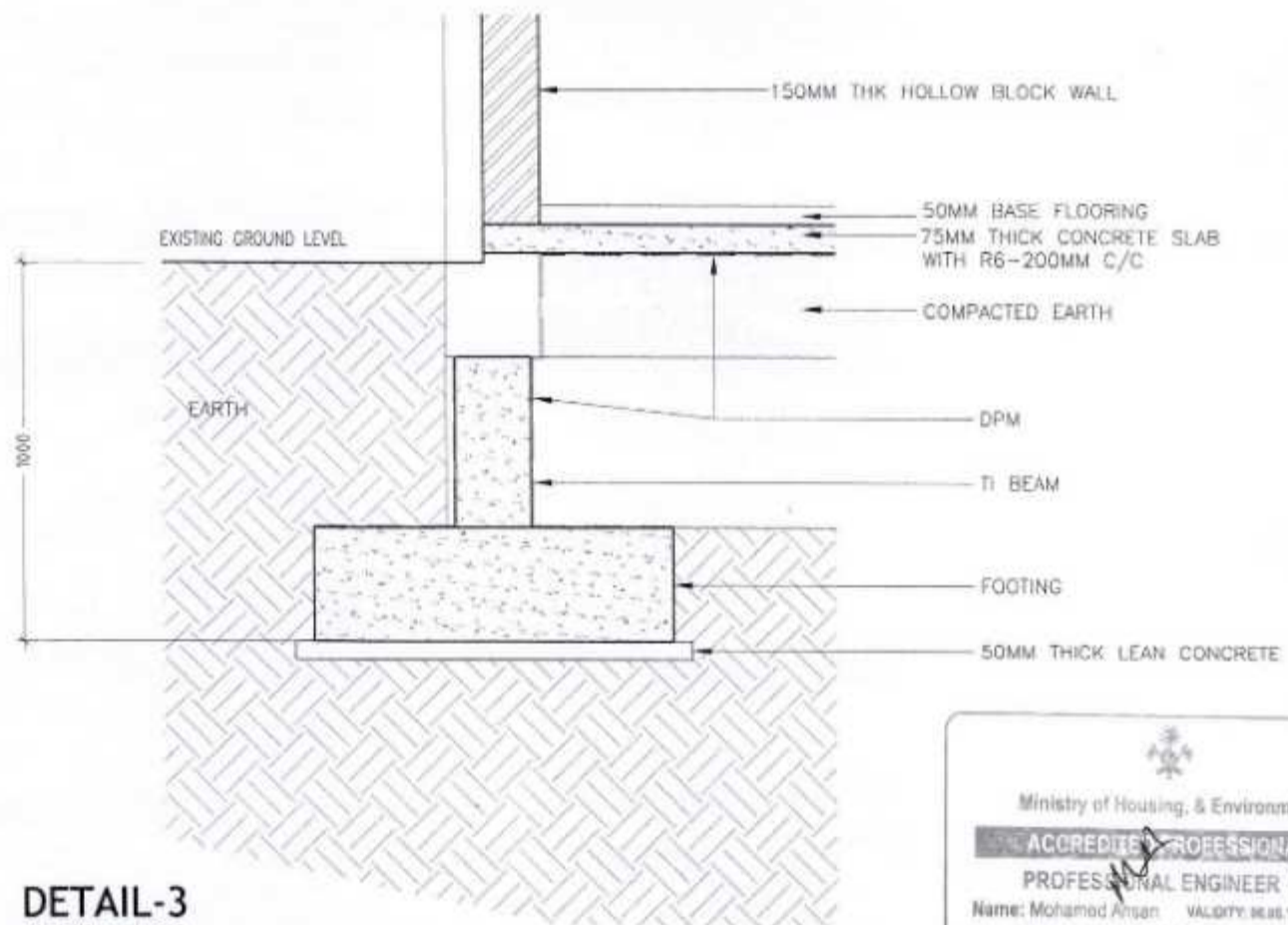
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTY OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED IN THIS DRAWING IS PROHIBITED.



DETAIL-1
SCALE 1:20



DETAIL-2
SCALE 1:20



DETAIL-3
SCALE 1:20



CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.



| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | SHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED ANSAN | LOCATION: | H.A. SHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

A-12

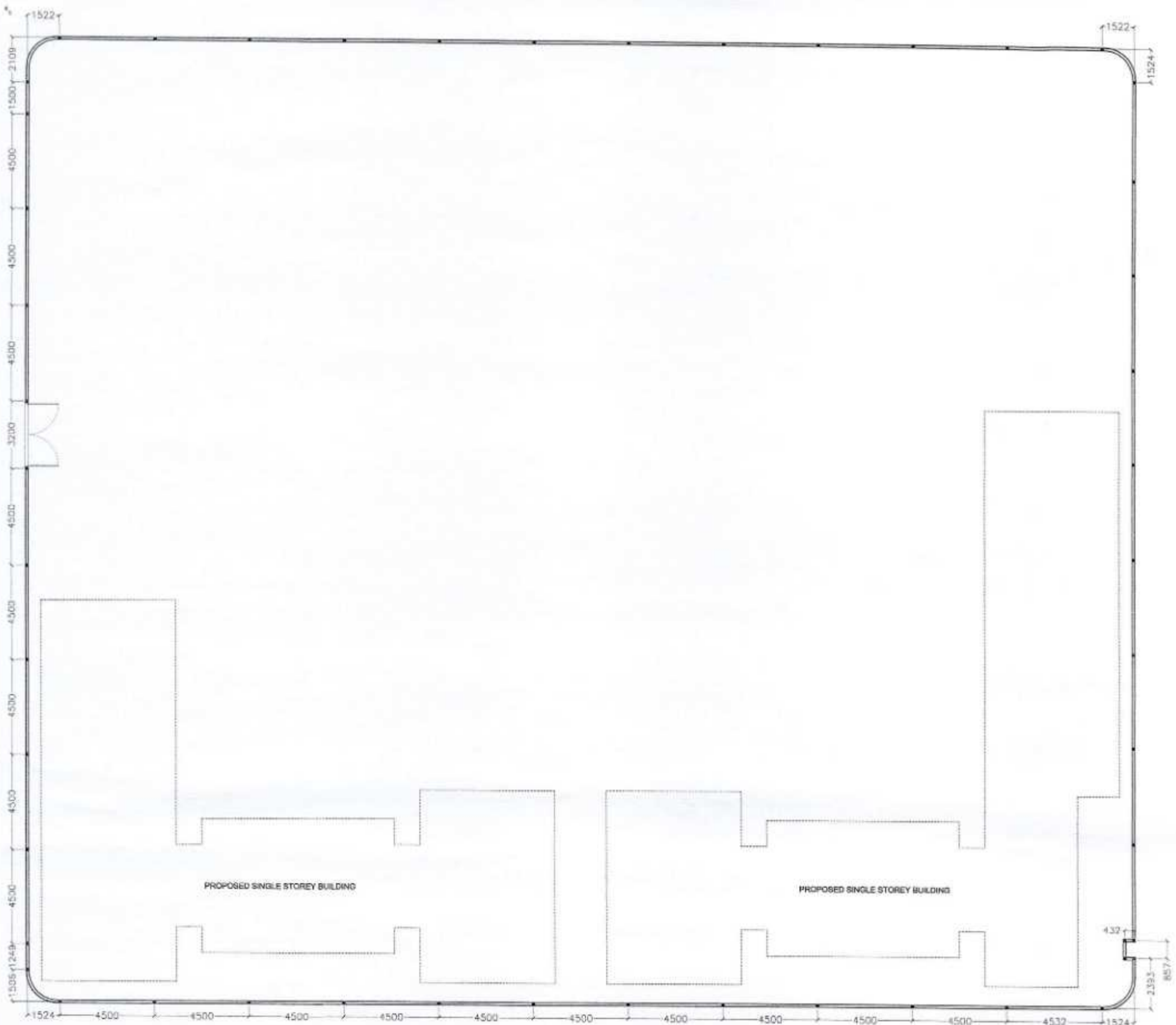
DWG NO: PROJECT NO.: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED.

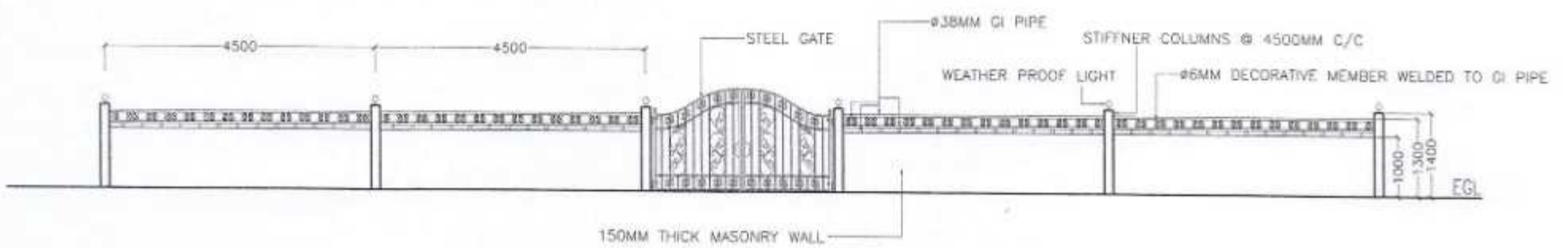
**Proposed Single Storey School At
H.A. Ihavandhoo
Structural Drawings**

20th Sep 2012

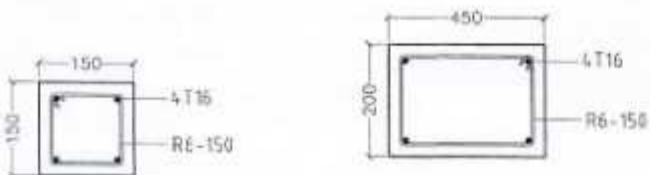
ArchEng
s t u d i o
6 Uthurubin, 1st floor, Male'. Republic of Maldives
admin@archeng.biz



BOUNDARY WALL PLAN
SCALE 1:200



BOUNDARY WALL ELEVATION
SCALE 1:100



ALL COLUMNS (SC) AND CAPPING BEAM (CB)

ALL TIE BEAMS



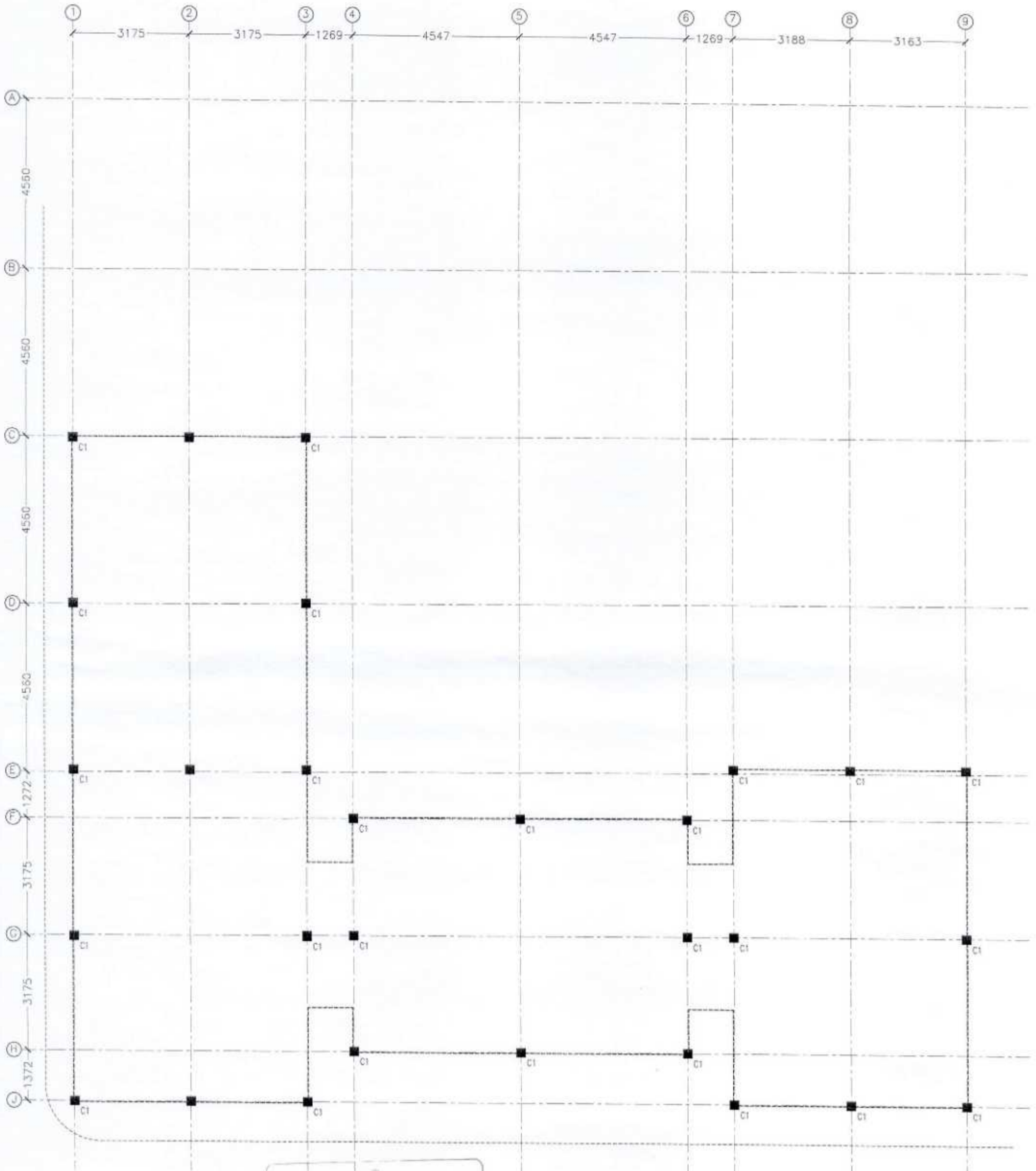
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.



| | | | |
|-----------|-------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | SHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHASAN | LOCATION: | H.A. SHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

S-00

DWG NO
PROJECT NO.: 13-087



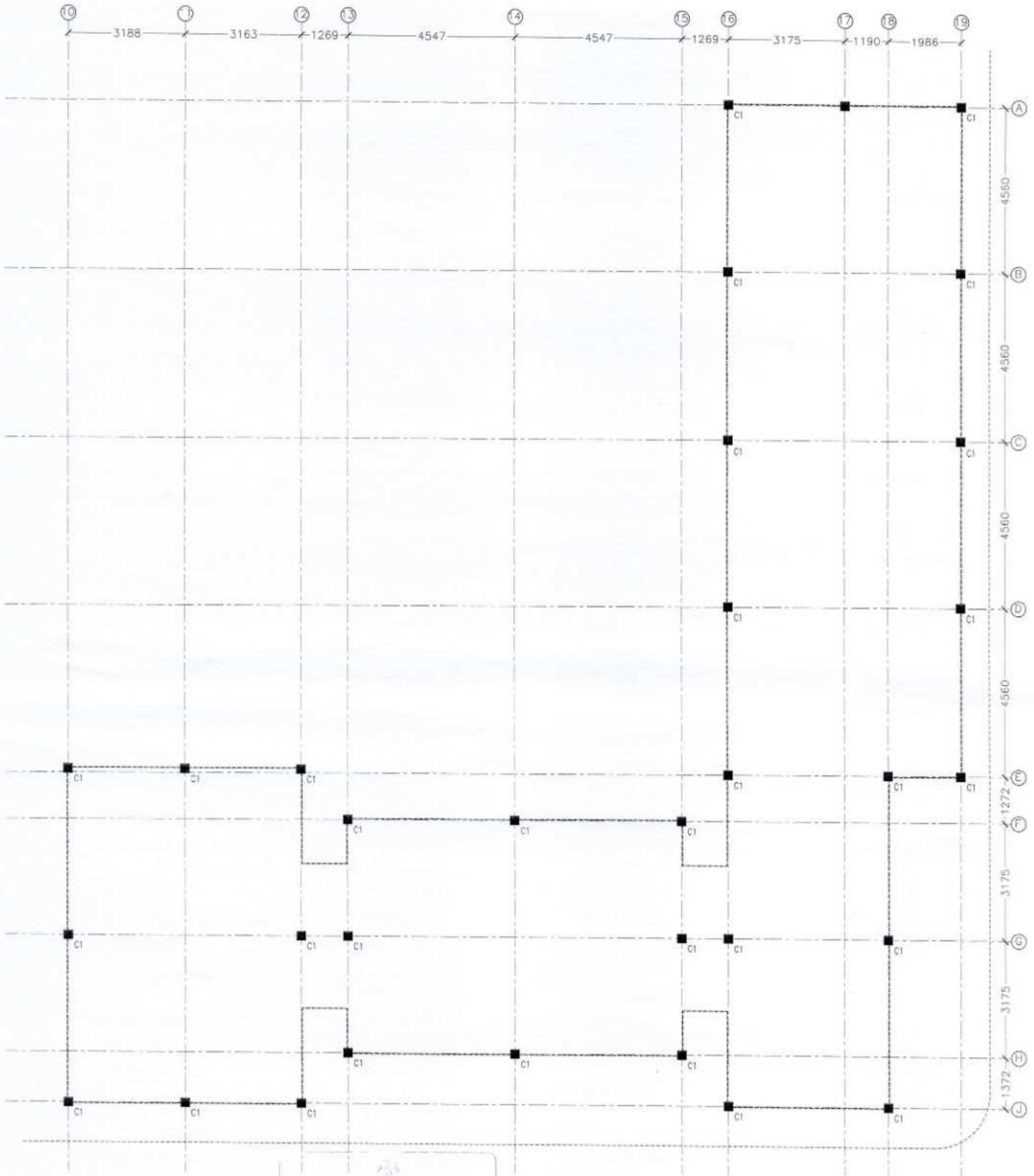

 Ministry of Housing & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 06.05.12 - 05.05.13
 Accredited No: NBPAR09008A1 A1-2009-003-004

COLUMN SETTING OUT PLAN-1
 SCALE 1:100

CONTRACTORS MUST
 CHECK ALL
 DIMENSIONS ON SITE
 BEFORE STARTING
 ANY WORK OR SHOP
 DRAWINGS. FIGURED
 DIMENSIONS TO TAKE
 PRECEDENCE OVER
 SCALE READINGS



| | | | |
|---|------------------------------------|---|----------------------------|
| REVISION: | ARCHITECT: | PROJECT: SHAVANDHOO SCHOOL | S-01 |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: H.A. IHAVANDHOO | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN DIMENSION: MM DATE: 20TH SEP 2012 | |
| CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR WITH OTHER TYPE SPECIFIED ON THIS DRAWING IS PROHIBITED | | | DWG NO: PROJECT NO: 13-007 |



Ministry of Housing, & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 06.05.12 - 05.05.13
 Accredited No: NBPAR09008A1 A1-2009-089-094

COLUMN SETTING OUT PLAN-2
 SCALE 1:100

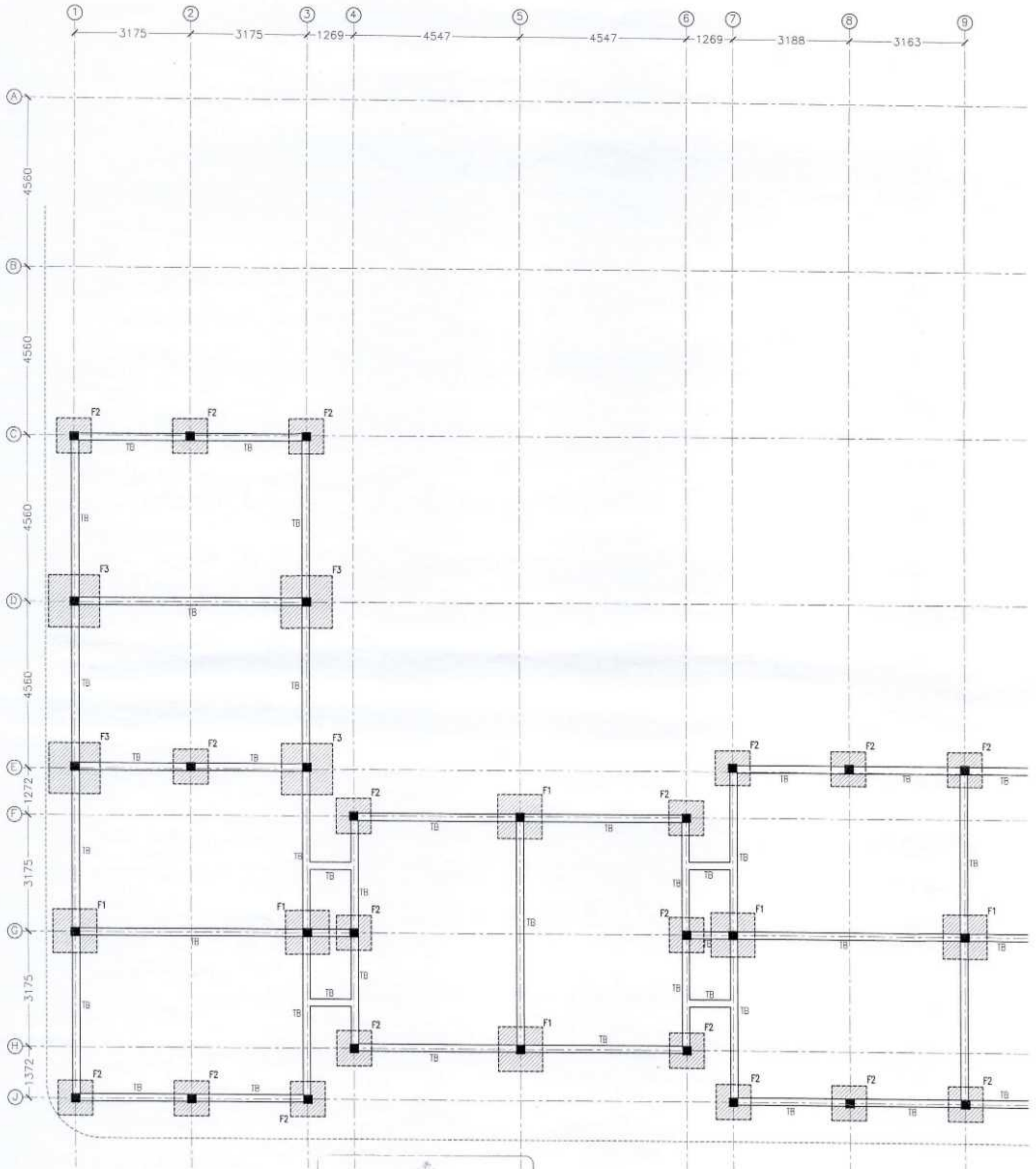
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



| | | | |
|-----------|-------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | SHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMMED AHSAN | LOCATION: | H.A. SHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

S-02
 DWG NO
 PROJECT NO: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED




 Ministry of Housing, & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 06.05.12 - 05.05.13
 Accredited No: NBPARD9008A1 A1-3005-008-804

FOUNDATION PLAN-1
 SCALE 1:100

CONTRACTORS MUST
 CHECK ALL
 DIMENSIONS ON SITE
 BEFORE STARTING
 ANY WORK OR SHOP
 DRAWINGS/FIGURED
 DIMENSIONS TO TAKE
 PRECEDENCE OVER
 SCALE READINGS

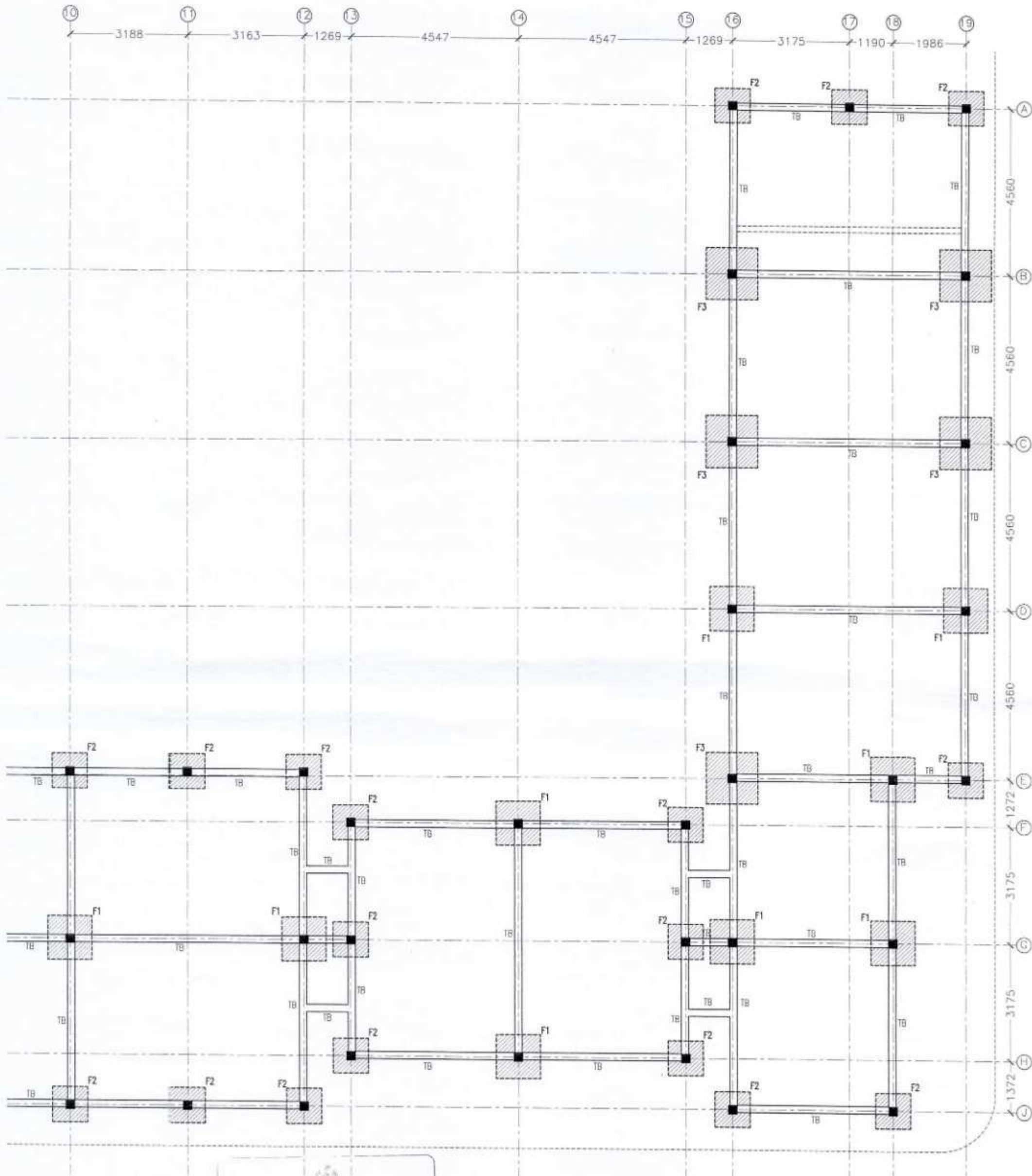


| | |
|-----------|------------------------------------|
| REVISION: | ARCHITECT: |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN |
| | SERVICES ENG: |
| | ESTIMATOR: |
| | DRAWN BY: ASIO |

| | |
|----------------|-------------------|
| PROJECT: | SHAVANDHOO SCHOOL |
| LOCATION: | H.A. SHAVANDHOO |
| DRAWING TITLE: | AS GIVEN |
| CLIENT: | |
| SCALE: | AS GIVEN |
| DIMENSION: | MM |
| DATE: | 20TH SEP 2012 |

| | |
|---------------------|--|
| PROJECT NO: 12-067 | |
| DWG NO: S-03 | |
| PROJECT NO: 12-067 | |

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTY OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DRAWING/WORKS OR CONCEPT TO USE IN OTHER PROJECTS OR OTHER WORKS THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



Ministry of Housing, & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 06.05.12 - 05.05.13
 Accredited No: NSPAR0900BA1 A1-2009-008-004

FOUNDATION PLAN-2
 SCALE 1:100

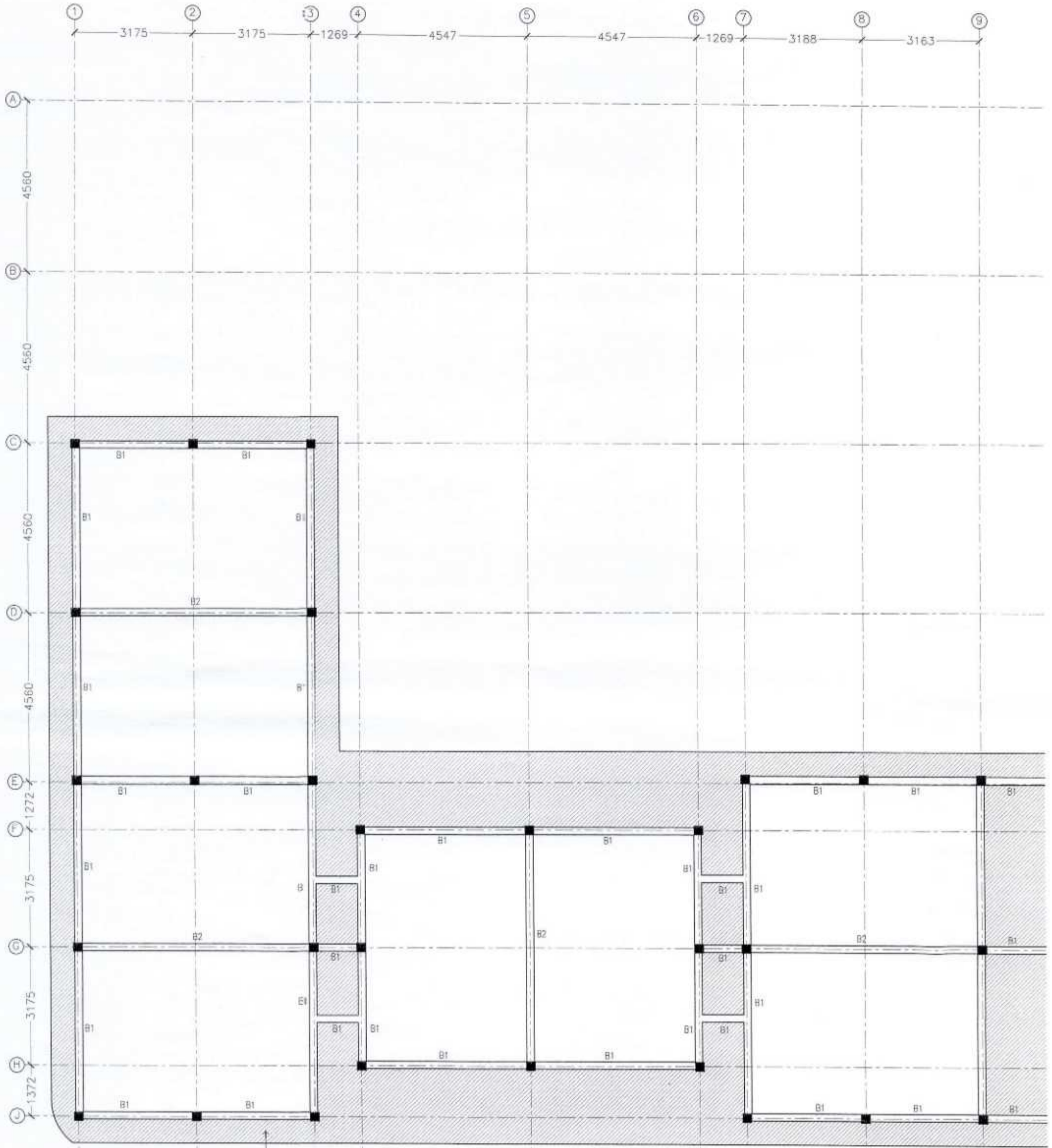
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.



| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | IHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: | H.A. IHAVANDHOO |
| | SERVICES ENG.: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

S-04
 DWG NO
 PROJECT NO: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG-STUDIO PVT.LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR ANY OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED.



SLAB THICKNESS: 150MM
T12-150BW (T/B) THROUGHOUT

ROOF BEAM/ROOF SLAB RFMT PLAN-1
SCALE 1:100


 Ministry of Housing & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 06.05.12 - 25.05.13
 Accredited No: NBPARD0008A1 A1-2009-008-004

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

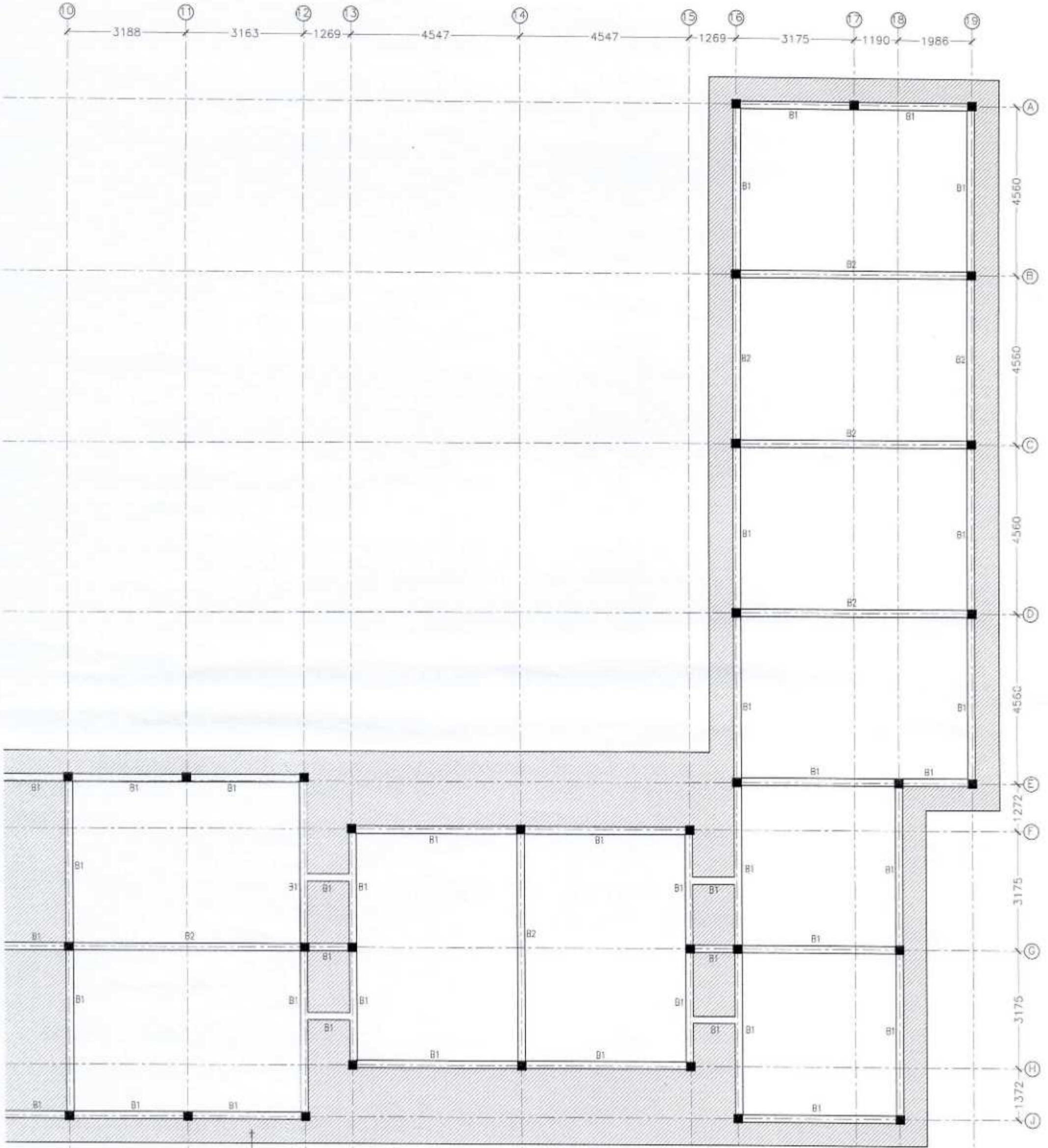


| | | | |
|-----------|------------------------------------|---------------------|------------------|
| REVISION: | ARCHITECT: | PROJECT: | HAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: | H.A. HAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

S-05

DWG NO
PROJECT NO.: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTY OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



SLAB THICKNESS: 150MM
T12-150BW (T/B) THROUGHOUT

ROOF BEAM/ROOF SLAB RFMT PLAN-2
SCALE 1:100

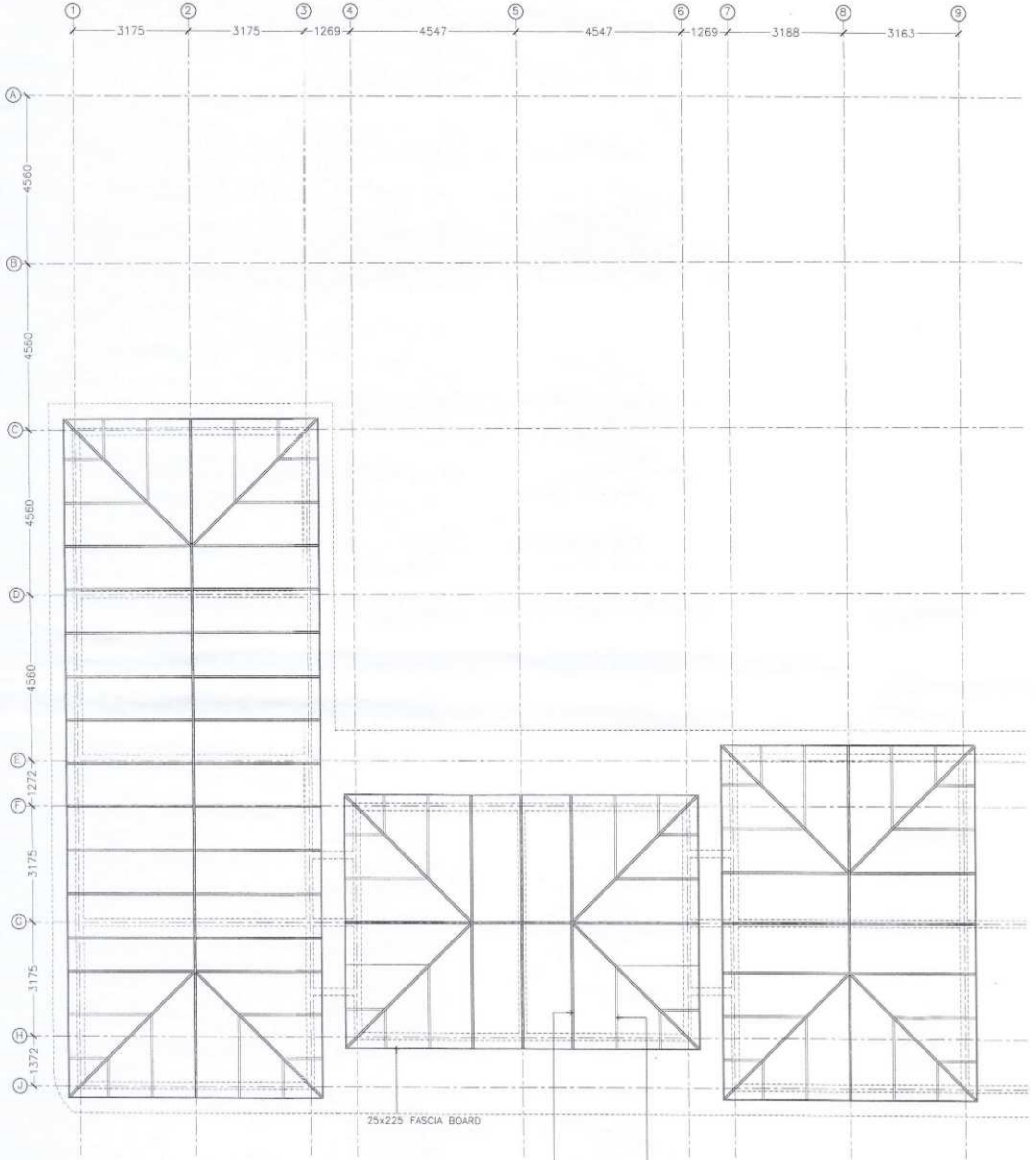

 Ministry of Housing & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 06.05.12 - 05.05.13
 Accredited No: NBPARD0008A1 A1-2009-008-004

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



| | | | |
|-----------|------------------------------------|---------------------|---------------------|
| REVISION: | ARCHITECT: | PROJECT: | IHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN | LOCATION: | H.A. IHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |
| | | | S-06 |
| | | | DWG NO |
| | | | PROJECT NO.: 12-007 |

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO-PVT LTY. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR AFTER OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



Ministry of Planning & Economic Development
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY 06-05-'13 - 05-05-'13
 Accredited No: NSPAR09008A1 A1-2395-005-004

ROOF FRAMING PLAN-1
 SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

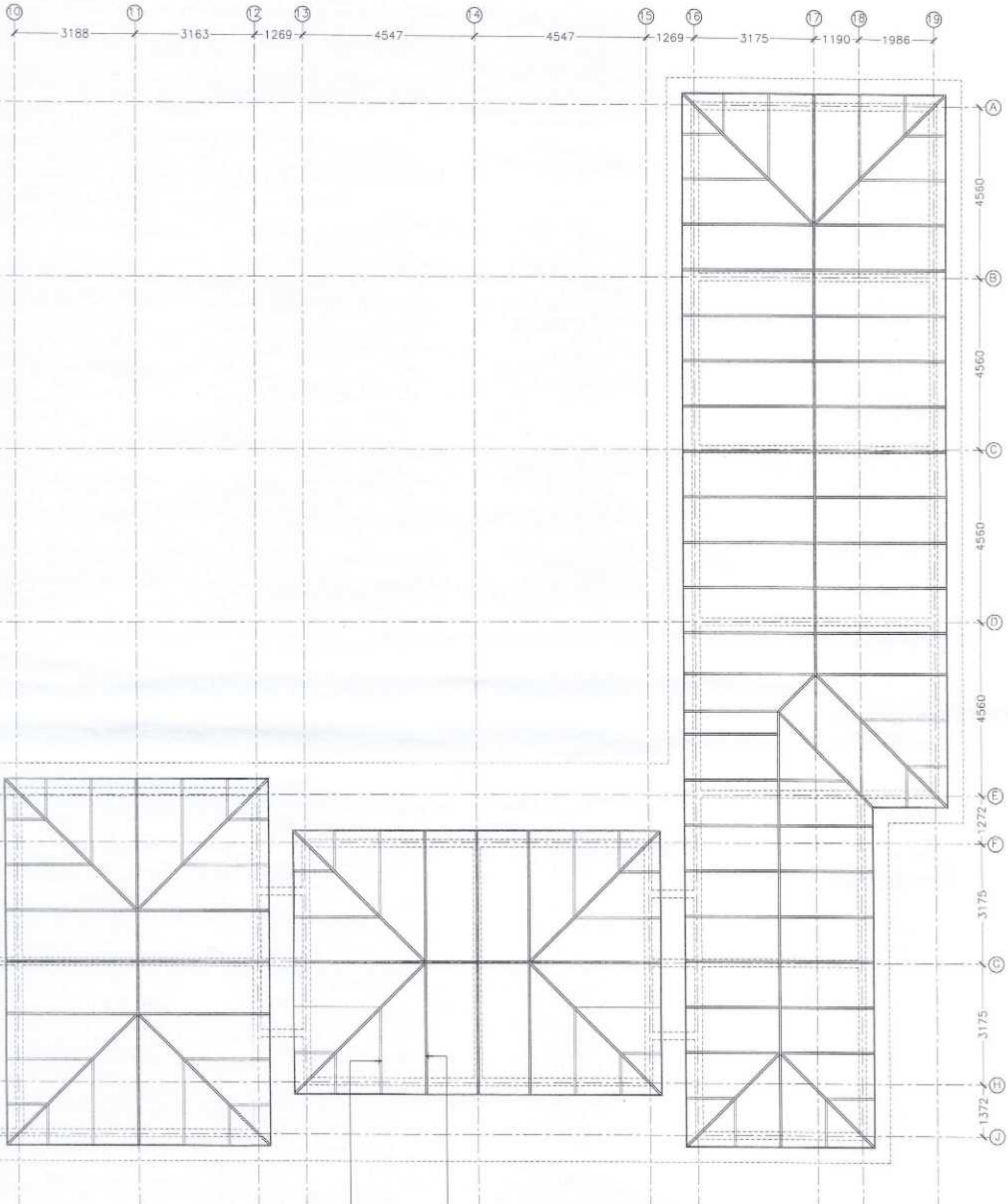


| | | | |
|-----------|-------------------------------------|---------------------|---------------------|
| REVISION: | ARCHITECT: | PROJECT: | IHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMMED AHSAN | LOCATION: | H.A. IHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 26TH SEP 2012 | PROJECT NO.: 12-067 |

S-07

DWG NO
 PROJECT NO.: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



50x150MM- TIMBER RAFTERS @1200MM C/C

TIMBER TRUSS @1200MM C/C (REFER DETAIL)

ROOF FRAMING PLAN-2
SCALE 1:100

Ministry of Housing & Environment
ACCREDITED PROFESSIONAL
PROFESSIONAL ENGINEER A1
 Name: Mohamed Ahsan VALIDITY: 05.05.12 - 05.05.15
 Accredited No: NSP/R09008A1 A1-2009-300-004

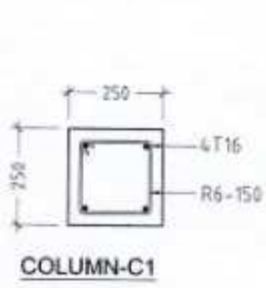
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



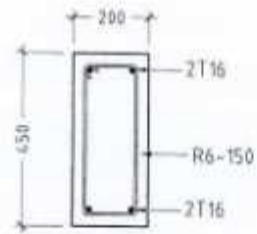
| | | | |
|-----------|-------------------------------------|---------------------|--------------------|
| REVISION: | ARCHITECT: | PROJECT: | IHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMMED AHSAN | LOCATION: | H.A. IHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | PROJECT NO: 12-067 |

S-08

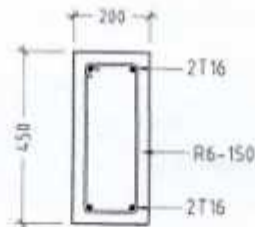
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/CONCEPT OR CONCEPT TO USE IN OTHER PROJECTS OR WITH OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



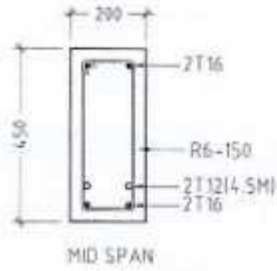
COLUMN-C1



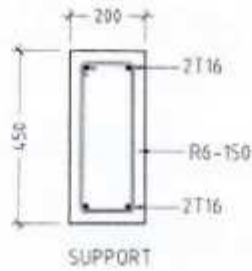
TIE BEAM-TB



ROOF BEAM-B1

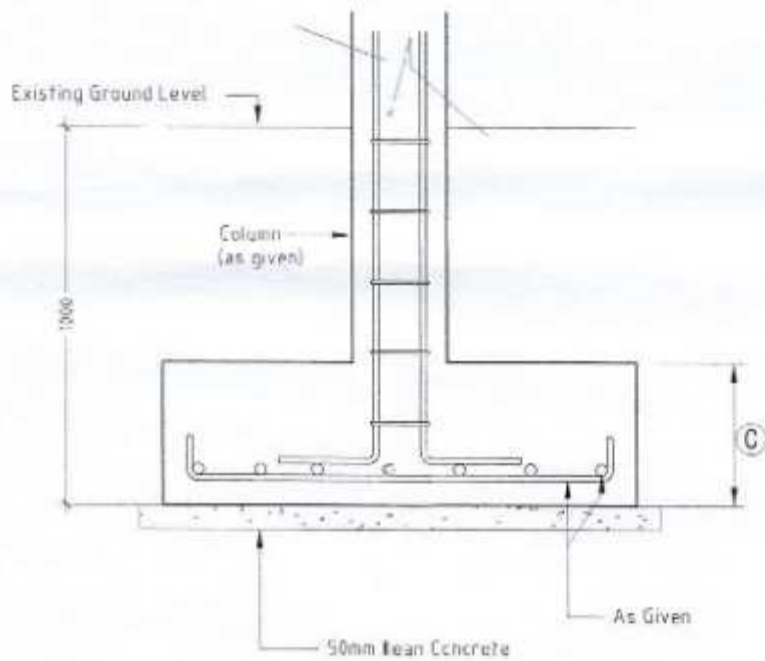


MID SPAN



SUPPORT

ROOF BEAM-B2



TYPICAL FOOTING SECTIONAL DETAILS

Scale 1:20

STRUCTURAL DETAILS

SCALE 1 : 20

| | PAD SIZE | | | REINFORCEMENT |
|----|----------|------|-----|--------------------|
| | A | B | C | |
| F1 | 1200 | 1200 | 300 | T12-150 B/W BOTTOM |
| F2 | 950 | 950 | 300 | T12-100 B/W BOTTOM |
| F3 | 1400 | 1400 | 300 | T12-125 B/W BOTTOM |

FOUNDATION PAD DETAILS

Scale 1:20



CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



| | |
|-----------|------------------------------------|
| REVISION: | ARCHITECT: |
| | STRUCTURAL ENGINEER: MOHAMED AHSAN |
| | SERVICES ENG: |
| | ESTIMATOR: |
| | DRAWN BY: ASD |

| | |
|----------------|-------------------|
| PROJECT: | IHAVANDHOO SCHOOL |
| LOCATION: | H.A. IHAVANDHOO |
| DRAWING TITLE: | AS GIVEN |
| CLIENT: | |
| SCALE: | AS GIVEN |
| DIMENSION: | MM |
| DATE: | 20TH SEP 2012 |

S-09

DWG NO. PROJECT NO.: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED








**Proposed Single Storey School At
H.A. Ihavandhoo
Plumbing Drawings**

20th Sep 2012

ArchEng
s t u d i o
6 Uthurubin, 1st floor, Male', Republic of Maldives
admin@archeng.biz










WATER SUPPLY

LEGEND

| SYMBOL | DESCRIPTION |
|---|-------------------------------|
|  | TAP |
|  | SHOWER |
|  | MUSLIM SHOWER |
|  | NON-RETURN VALVE |
|  | PUMP |
|  | GROUND WATER SUPPLY (#12-#35) |
|  | CAPPED PIPE |

SEWAGE

LEGEND

| SYMBOL | DESCRIPTION |
|---|-------------------------------------|
|  | INSPECTION CHAMBER |
|  | GREASE TRAP |
|  | CLEANING EYE-FLOOR |
|  | FLOOR DRAIN |
|  | FLOOR TRAP |
|  | UPVC HIGH PRESSURE WASTE WATER PIPE |
|  | UPVC VENT PIPE |
|  | SEWAGE DISPOSAL (#100) |
|  | WALL CLEAN OUT |

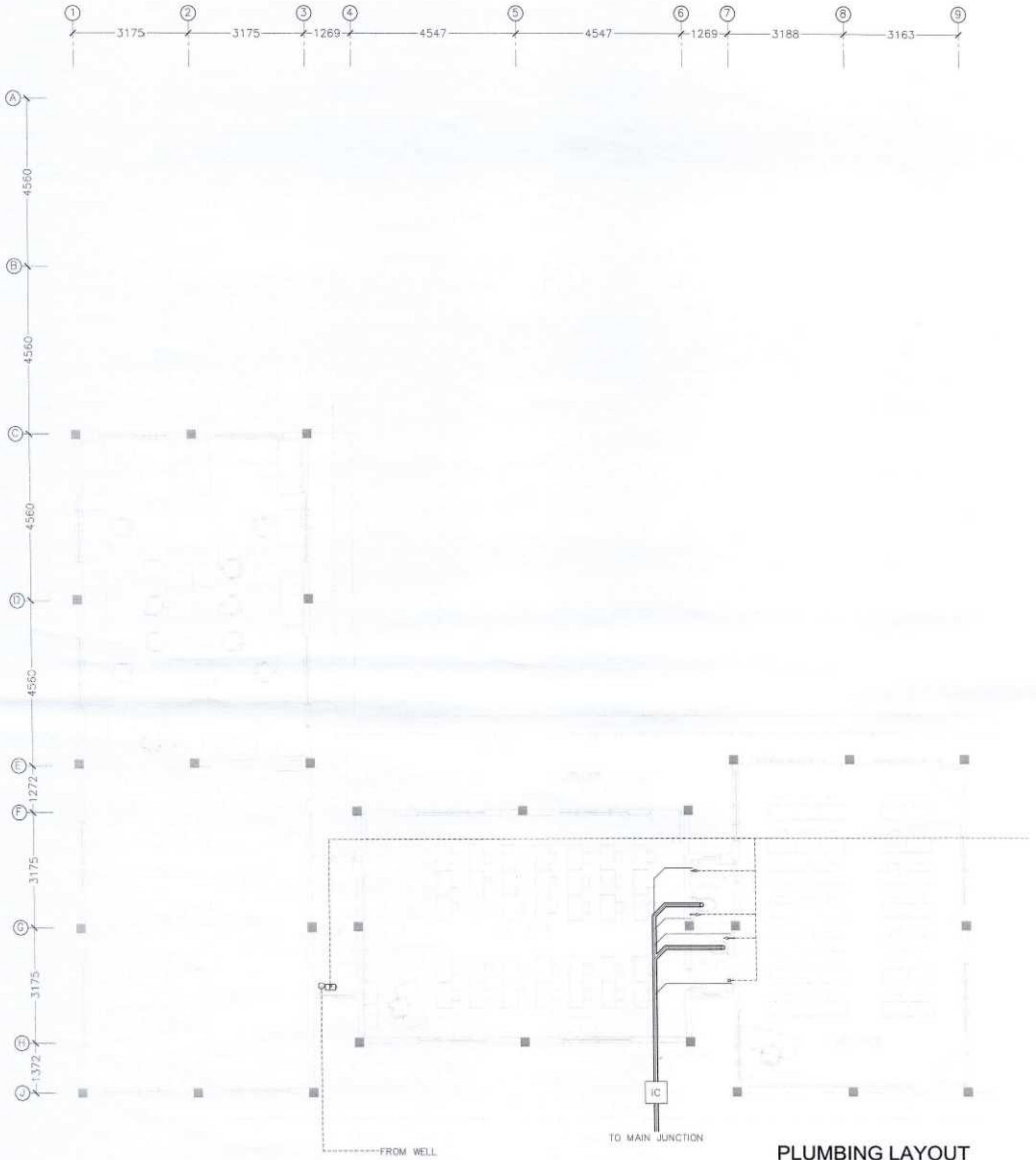
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS/FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | BHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED ANSAR | LOCATION: | H.A. BHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

P-01

DWG NO
PROJECT NO.: 12-007



**PLUMBING LAYOUT
GROUND FLOOR PLAN-1
SCALE 1:100**

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.

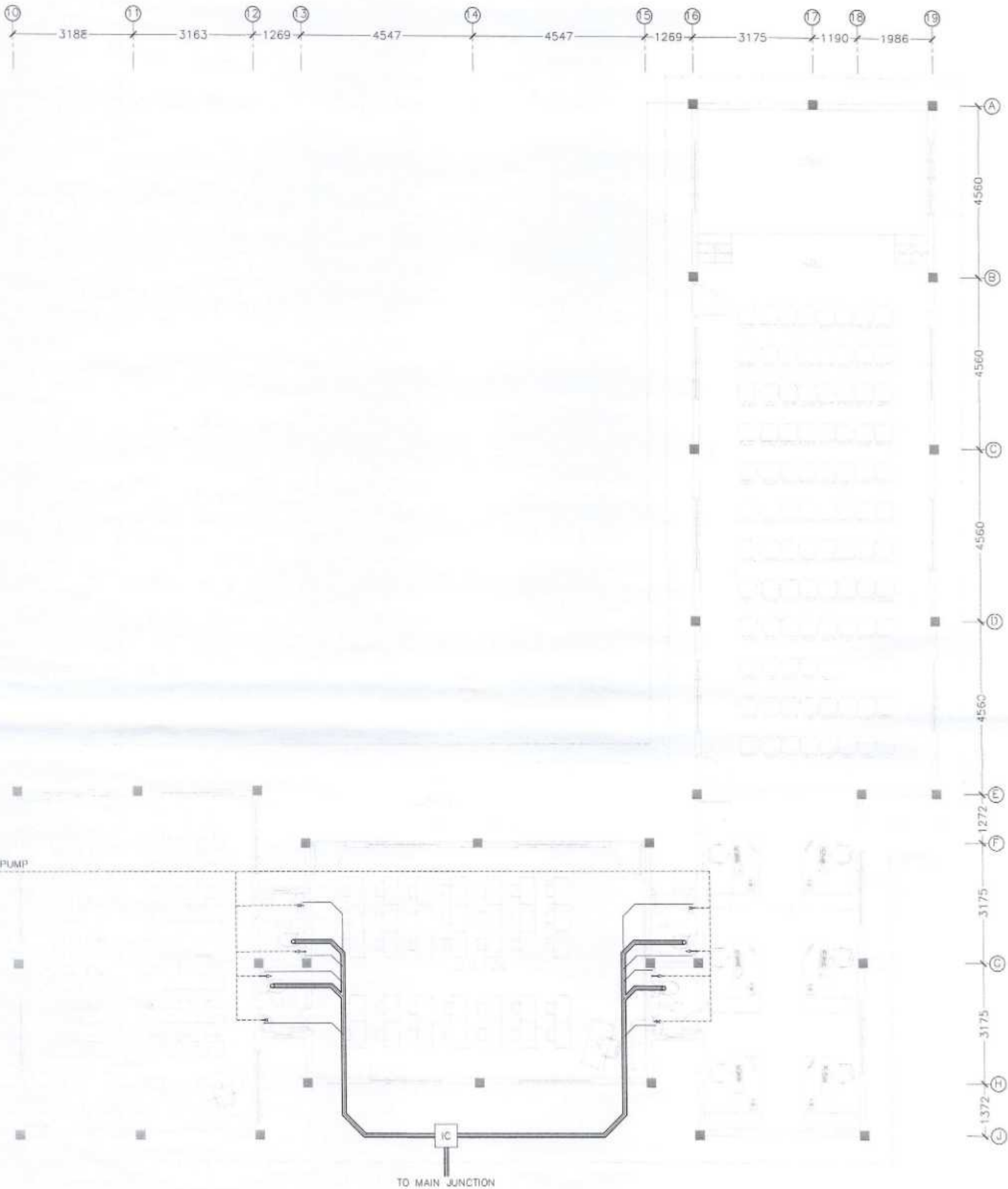


| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | SHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED ANSAR | LOCATION: | H.A. SHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

P-02

DWG NO
PROJECT NO.: 12-007

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED.



**PLUMBING LAYOUT
GROUND FLOOR PLAN-2
SCALE 1:100**

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.



| | | | | |
|-----------|------------------------------------|-----------------|---------------------|---------------------|
| REVISION: | ARCHITECT: | PROJECT: | IHAVANDHOO SCHOOL | |
| | STRUCTURAL ENGINEER: MOHAMED ANSAN | LOCATION: | H.A. IHAVANDHOO | |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN | |
| | ESTIMATOR: | CLIENT: | | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM | DATE: 20TH SEP 2012 |
| | | | P-03 | |
| | | | DWG NO | |
| | | | PROJECT NO.: 12-067 | |

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHLENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED.
















**Proposed Single Storey School At
H.A. Ihavandhoo
Fire Drawings**

20th Sep 2012

ArchEng
studio
G Uthurubia, 1st Floor, Male', Republic of Maldives
admin@archeng.biz

FIRE SAFETY

LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
|  | HOSE REEL (15m LENGTH) |
|  | HOSE REEL (30m LENGTH) |
|  | RESETABLE BREAK GLASS MANUAL CALL POINT |
|  | SMOKE DETECTOR |
|  | HEAT DETECTOR |
|  | FIRE ALARM BELL |
|  | JUNCTION BOX |
|  | PORTABLE EXTINGUISHER (H2O) |
|  | PORTABLE EXTINGUISHER (CO2) |
|  | DRY RISER |
|  | WET RISER |
|  | CONVENTIONAL FIRE ALARM PANEL |
|  | FIRE BLANKET |
|  | INLET VALVE, BOX, WIRED GLASS, LABELING ETC |
|  | EMERGENCY LIGHT WITH 2H BACKUP GEAR WALL MOUNT WEATHER PROOF |
| ---- | FIRE RESISTANT CABLE |

NOTE

- *ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUIT.
- *ALL PORTABLE FIRE EXTINGUISHERS SHALL BE ENCLOSED IN A LOCKABLE CABINET.

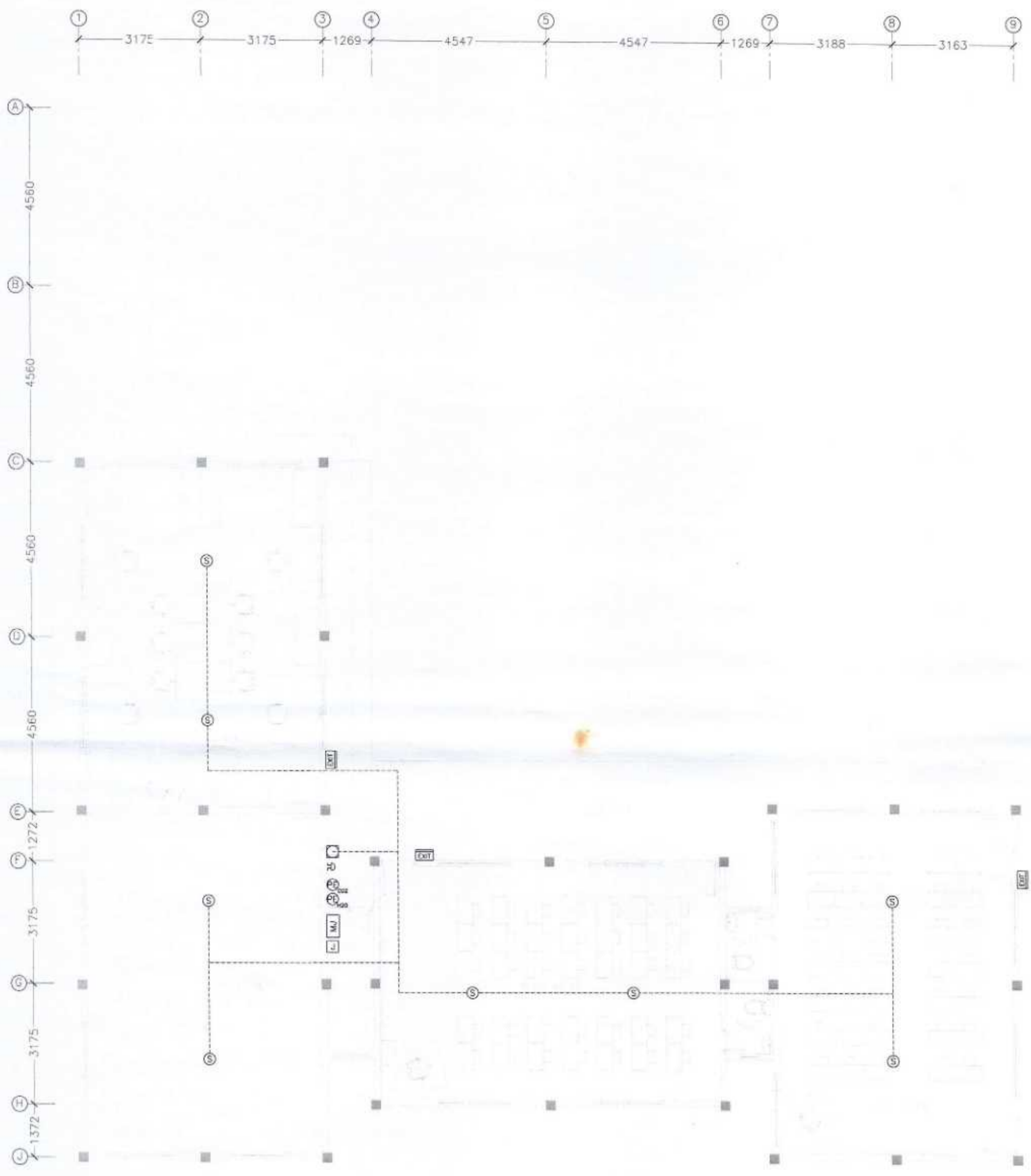
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.



| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | IHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED ANSAR | LOCATION: | H.A. IHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

F-01
DWG NO
PROJECT NO: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTY OF ARCHLENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED.



FIRE FIGHTING SYSTEM LAYOUT PLAN
 GROUND FLOOR PLAN-1
 SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS, FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

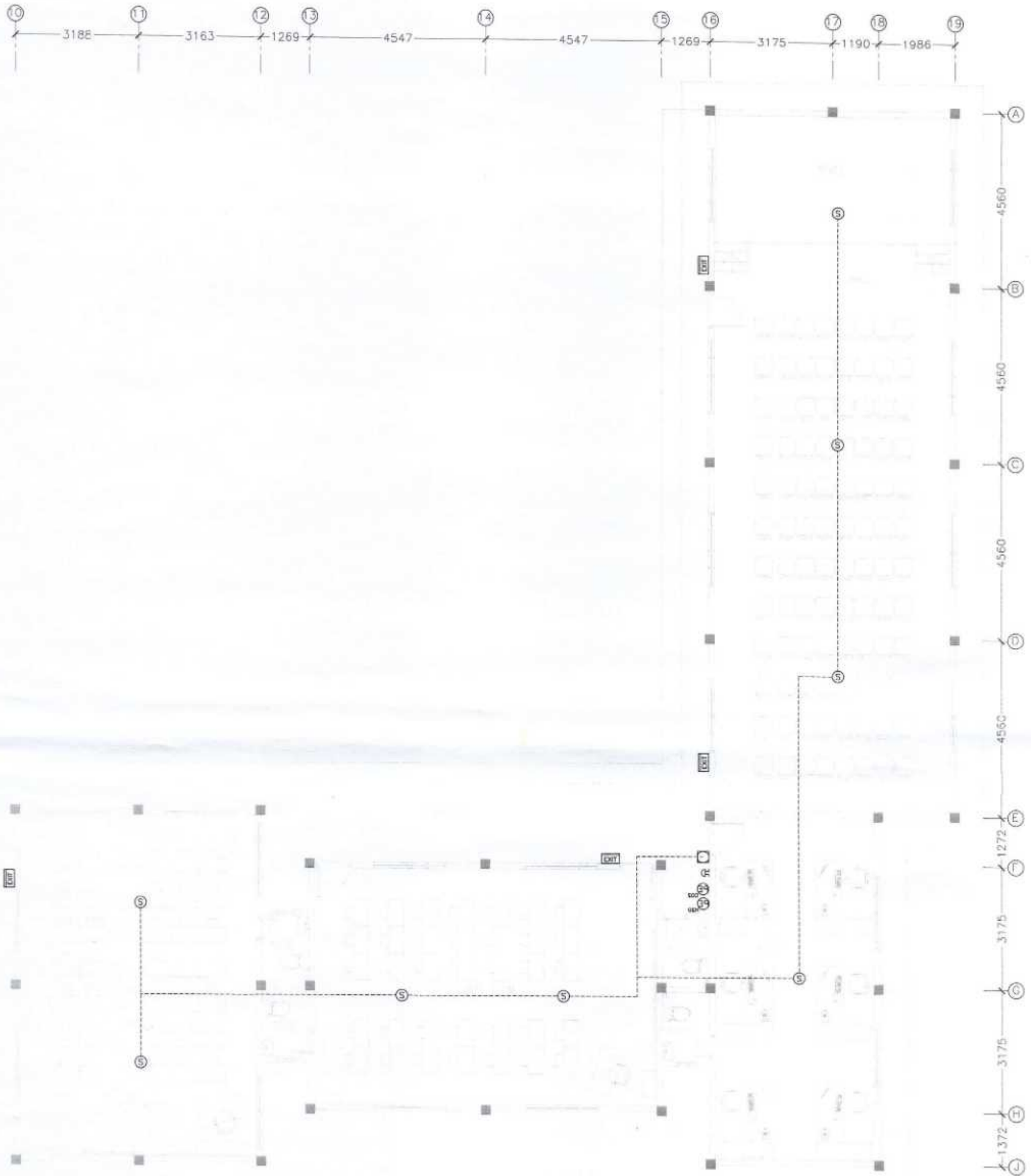


| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | IHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHSAH | LOCATION: | H.A. IHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASD | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

F-02

DWG NO
 PROJECT NO.: 12-007

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/WORKS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



FIRE FIGHTING SYSTEM LAYOUT PLAN
 GROUND FLOOR PLAN-2
 SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | SHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED ANSAN | LOCATION: | H.A. SHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 30TH SEP 2012 | |

F-03
 DWG NO
 PROJECT NO.: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED

**Proposed Single Storey School At
H.A. Ihavandhoo
Electrical Drawings**

20th Sep 2012

ArchEng
s t u d i o
G. Utharubin, 1st floor, Male', Republic of Maldives
admin@archeng.biz

| SYMBOL | CODE | DESCRIPTION |
|--------|------|---|
| | L01 | 1X18W FLUORESCENT LAMP IN SURFACE MOUNT LUMINAIRE WITH DIFFUSER |
| | L02 | 4X18W FLUORESCENT LAMPS IN SURFACE MOUNT, LOUVRED LUMINAIRE |
| | L03 | 4X18W FLUORESCENT LAMPS IN CEILING RECESSED, LOUVRED LUMINAIRE |
| | L04 | 1X36W FLUORESCENT LAMP IN SURFACE MOUNT LUMINAIRE WITH DIFFUSER |
| | L05 | 2X36W FLUORESCENT LAMPS IN SURFACE MOUNT, LOW BRIGHT LOUVRED LUMINAIRE |
| | L06 | 2X36W FLUORESCENT LAMPS IN CEILING RECESSED, LOW BRIGHT LOUVRED LUMINAIRE |
| | L07 | 2X36W FLUORESCENT LAMPS IN SURFACE MOUNT LUMINAIRE WITH DIFFUSER |
| | L08 | 2X36W FLUORESCENT LAMPS IN CEILING RECESSED, LUMINAIRE WITH FLAT DIFFUSER |
| | L09 | 1X26W COMPACT FLUORESCENT LAMPS IN SURFACE MOUNT DECORATIVE LUMINAIRE |
| | L10 | 1X26W COMPACT FLUORESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE |
| | L11 | 1X26W COMPACT FLUORESCENT LAMPS IN WALL MOUNT DECORATIVE LUMINAIRE |
| | L12 | 1X26W COMPACT FLUORESCENT LAMPS IN SURFACE MOUNT WEATHER PROOF LUMINAIRE |
| | L13 | 1X26W COMPACT FLUORESCENT LAMPS IN WALL MOUNT WEATHER PROOF LUMINAIRE |
| | L14 | 1X60W INCANDESCENT LAMPS IN SURFACE MOUNT DECORATIVE LUMINAIRE |
| | L15 | 1X60W INCANDESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE |
| | L16 | 1X60W INCANDESCENT LAMPS IN WALL MOUNT DECORATIVE LUMINAIRE |
| | L17 | 1X60W INCANDESCENT LAMPS IN SURFACE MOUNT WEATHER PROOF LUMINAIRE |

*E. EMERGENCY BACKUP GEAR INSTALLED

| SYMBOL | CODE | DESCRIPTION |
|--------|------|--|
| | L18 | 1X60W INCANDESCENT LAMPS IN WALL MOUNT WEATHER PROOF LUMINAIRE |
| | L19 | 1X35W DIMMABLE HALOGEN LIGHT IN RECESSED LUMINAIRE |
| | L20 | 1X35W DIMMABLE HALOGEN LIGHT IN SURFACE MOUNT LUMINAIRE |
| | L21 | 1X35W DIMMABLE HALOGEN LIGHT IN TRACK MOUNT LUMINAIRE |
| | L22 | 1X35W LOW VOLTAGE HALOGEN LIGHT IN SURFACE MOUNT LUMINAIRE |
| | L23 | 1X35W LOW VOLTAGE HALOGEN LIGHT IN RECESSED LUMINAIRE |
| | L24 | 1X35W LOW VOLTAGE HALOGEN LIGHT IN FLOOR RECESSED LUMINAIRE |
| | L25 | 1X75W TUNGSTEN HALOGEN LAMP IN SURFACE MOUNT LUMINAIRE |
| | L26 | 1X75W TUNGSTEN HALOGEN LAMP IN WEATHER PROOF OUT DOOR LUMINAIRE |
| | L27 | 1X75W TUNGSTEN HALOGEN LAMP IN RECESSED LUMINAIRE |
| | L28 | 1X75W TUNGSTEN HALOGEN LAMP IN POLE MOUNT WEATHER PROOF LUMINAIRE |
| | L29 | 1X75W TUNGSTEN HALOGEN LAMP IN FLOOR RECESSED LUMINAIRE |
| | L30 | 1X70W METAL HALIDE LAMP IN SURFACE MOUNT LUMINAIRE |
| | L31 | 1X70W METAL HALIDE LAMP IN SURFACE MOUNT WEATHER PROOF OUTDOOR LUMINAIRE |
| | L32 | 1X70W METAL HALIDE LAMP IN POLE MOUNT WEATHER PROOF OUTDOOR LUMINAIRE |
| | L33 | 1X70W METAL HALIDE LAMP IN FLOOR RECESSED LUMINAIRE |
| | L34 | 1X100W HIGH PRESSURE SODIUM LAMP IN SUSPENSION LUMINAIRE |
| | L35 | 1X35W DIMMABLE HALOGEN LIGHT IN WALL MOUNT DECORATIVE LUMINAIRE |

*E. EMERGENCY BACKUP GEAR INSTALLED

| SYMBOL | CODE | DESCRIPTION |
|--------|------|--|
| | P01 | 1 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL |
| | P02 | 2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL |
| | P03 | 3 GANG 13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL |
| | P04 | 2X2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL |
| | P05 | 1 GANG13A SOCKET OUTLET AT 900mm ABOVE FINISHED FLOOR LEVEL |
| | P06 | 2 GANG13A SOCKET OUTLET AT 900mm ABOVE FINISHED FLOOR LEVEL |
| | P07 | 3 GANG 13A SOCKET OUTLET AT 900mm ABOVE FINISHED FLOOR LEVEL |
| | P08 | 2X2 GANG13A SOCKET OUTLET AT 900mm ABOVE FINISHED FLOOR LEVEL |
| | P09 | 1 GANG13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL |
| | P10 | 2 GANG13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL |
| | P11 | 3 GANG 13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL |
| | P12 | 2X2 GANG13A SOCKET OUTLET AT 1200mm ABOVE FINISHED FLOOR LEVEL |
| | P13 | 2 GANG13A SOCKET OUTLET FLOOR CONCEALED |
| | P14 | 1 GANG13A SOCKET OUTLET WEATHER PROOF |
| | P15 | 1 GANG15A SOCKET OUTLET AT CEILING LEVEL |
| | P16 | 1 GANG15A SOCKET OUTLET CEILING CONCEALED |
| | P17 | SHAVER SOCKET OUTLET |

| SYMBOL | CODE | DESCRIPTION |
|--------|------|---|
| | P18 | 5GANG 1 WAY SWITCH |
| | P19 | 1GANG 1 WAY SWITCH |
| | P20 | 2GANG 1 WAY SWITCH |
| | P21 | 3GANG 1 WAY SWITCH |
| | P22 | 4GANG 1 WAY SWITCH |
| | P23 | FAN / LIGHT DIMMER SWITCH |
| | P24 | WEATHER PROOF ISOLATOR (SINGLE PHASE, 25-30A) |
| | P25 | WEATHER PROOF ISOLATOR (THREE PHASE, 30-60A) |
| | P26 | FLOOR CONCEALED MULTIMEDIA OUTLET CONSISTING OF 2GANG 13A SOCKET, RJ11 AND RJ45 FEMALE CONNECTORS |
| | P27 | 15A HOT WATER SOCKET OUTLET 300MM BELOW BEAM BOTTOMLEVEL |
| | P28 | 1GANG 2 WAY SWITCH |
| | P29 | 13A HOOD SOCKET OUTLET |
| | P30 | 1 GANG15A SOCKET OUTLET CEILING CONCEALED |
| | P31 | |
| | P32 | ELECTRICAL EARTH PIT |
| | P33 | DISTRIBUTION BOARD |
| | P34 | PANEL BOARD |

*W. SOCKET/SWITCH INSTALLED INSIDE WEATHER PROOF COVER.

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.

ArchEng
studio
No 11, Jalan 11/11, Taman, Kuala Lumpur, Malaysia
archengstudio@gmail.com

REVISION:

ARCHITECT:

STRUCTURAL ENGINEER: MOHAMED AHSAN

SERVICES ENG:

ESTIMATOR:

DRAWN BY:

ASID

PROJECT: BHAVANDHOOD SCHOOL

LOCATION: H.A. BHAVANDHOOD

DRAWING TITLE: AS GIVEN

CLIENT:

SCALE: AS GIVEN

DIMENSION: MM

DATE: 20TH SEP 2012

E-01

DWG NO

PROJECT NO: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT.LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR WITH OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED

| SYMBOL | CODE | DESCRIPTION |
|--------|------|--|
| | L35 | 1X100W LOW PRESSURE SODIUM LAMP IN POLE MOUNT WEATHER PROOF LUMINAIRE |
| | L36 | 1X50W HALOGEN SPOT LIGHT IN TRACK MOUNT LUMINAIRE |
| | L37 | 1X50W HALOGEN SPOT LIGHT IN SURFACE MOUNT LUMINAIRE |
| | L38 | 1X50W HALOGEN SPOT LIGHT IN SUSPENSION LUMINAIRE |
| | L39 | 400W METAL HALIDE DISCHARGE LAMP IN WEATHER PROOF SURFACE MOUNT LUMINAIRE (FLOOD LIGHT) |
| | L40 | 400W TUNGSTEN HALOGEN LAMP IN WEATHER PROOF SURFACE MOUNT LUMINAIRE (FLOOD LIGHT) |
| | L41 | 50W COLOURED GARDEN LIGHT IN WEATHER PROOF LAMP HOLDER |
| | L42 | 1X20W INCANDESCENT LAMPS IN BEDSIDE LUMINAIRE |
| | L43 | 10X15W CHANDELIER (10 LAMPS 15W EACH) |
| | L44 | 20X15W CHANDELIER (20 LAMPS 15W EACH) |
| | L45 | 4X15W CHANDELIER (4 LAMPS 15W EACH) |
| | L46 | 1x25W CLASSIC FLAME SHAPE INCANDESCENT LAMP IN LOW LEVEL STANDALONE WEATHER PROOF LUMINAIRE |
| | L47 | 80W LAMP IN UNDERWATER DECORATIVE LUMINAIRE |
| | L48 | 1X14W BLUE FLUORESCENT LAMP IN RECESSED LUMINAIRE |
| | L49 | EXIT SIGN WITH 2H BACKUP GEAR |
| | L50 | 26W COMPACT FLUORESCENT LAMP IN A RECESSED LUMINAIRE WITH ANTI-VANDAL SCREWS AND HIGH IMPACT POLYCARBONATE SHIELDING COVER (SAMPLE PROVIDED) |
| | L51 | IMPACT POLYCARBONATE SHIELDING COVER (SAMPLE PROVIDED) |
| | L52 | EMERGENCY LIGHT |

*E. EMERGENCY BACKUP GEAR INSTALLED

| SYMBOL | CODE | DESCRIPTION |
|--------|------|---|
| | T01 | PLAIN TELEPHONE OUTLET (RJ11, CONNECTOR) |
| | T02 | MULTIPLE TELEPHONE OUTLETS OR JUNCTION BOXES (RJ11 CONNECTOR) |
| | T03 | 06 PAIR TELEPHONE DISTRIBUTION BOX |
| | T04 | COMPUTER NETWORK OUTLET (RJ 45 CONNECTORS) |
| | T05 | MULTIPLE COMPUTER NETWORK OUTLET (RJ 45 CONNECTORS) |
| | T06 | LOCAL AREA NETWORK (LAN) SWITCH |
| | T07 | SERVER |
| | T08 | COMPUTER TERMINALS |
| | T09 | BUILDING ACCESS CARD READER |
| | T10 | T.V POINT |

| SYMBOL | CODE | DESCRIPTION |
|--------|------|--|
| | V01 | DIA. 1500 CEILING FAN |
| | V01b | DIA. 1200 CEILING FAN |
| | V02 | DIA. 300 EXHAUST FAN |
| | V03 | DIA. 300 ROOFTOP VENTILATOR |
| | V04 | AIR-CONDITIONING INDOOR UNIT CEILING FIXED-CASSETTE TYPE |
| | V05 | AIR-CONDITIONING OUTDOOR UNIT WALL MOUNTED |
| | V06 | ACTIVE EXHAUST SYSTEM |
| | V07 | AIR-CONDITIONING INDOOR UNIT WALL MOUNTED |
| | V08 | DECORATIVE FAN WITH LIGHTS |
| | V09 | VRV OUTDOOR UNITS |

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

ArchEng
studio
No. 10, Jalan... 1st Floor, Block... Republic of Maldives
www.archeng.mv

| | | | |
|-----------|-------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | BHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED ANSARI | LOCATION: | H.A. BHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

E-02

DWG NO
PROJECT NO.: 12-067

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTY OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR ANY OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



**ELECTRICAL LAYOUT
GROUND FLOOR PLAN-1
SCALE 1:100**

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

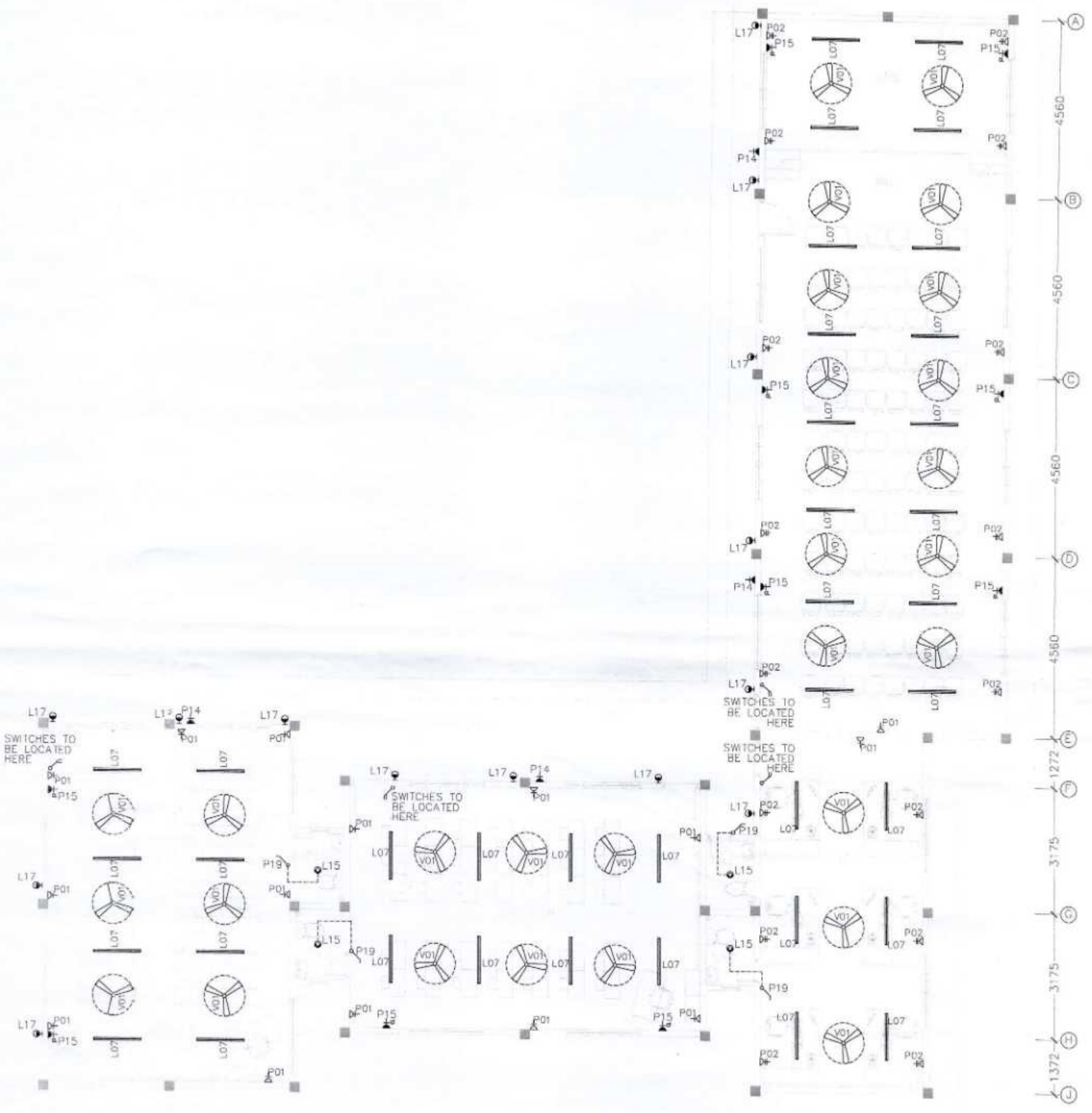
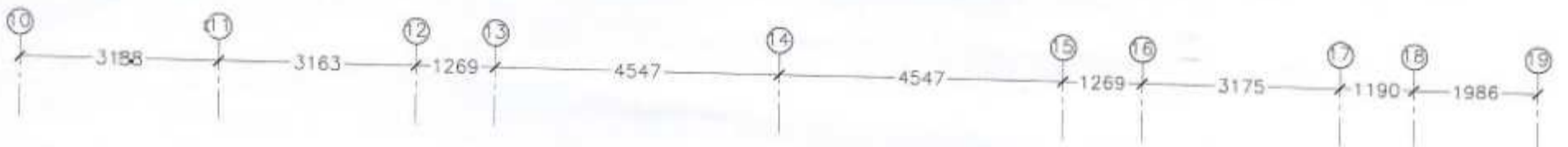


| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | SHAVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED ANSAN | LOCATION: | H.A. SHAVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

E-03

DWG NO
PROJECT NO: 12-087

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWING OR CONCEPT TO USE IN OTHER PROJECTS OR IN ANY OTHER FORM SPECIFIED ON THIS DRAWING IS PROHIBITED



**ELECTRICAL LAYOUT
GROUND FLOOR PLAN-2
SCALE 1:100**

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



| | | | |
|-----------|------------------------------------|---------------------|-------------------|
| REVISION: | ARCHITECT: | PROJECT: | HAIVANDHOO SCHOOL |
| | STRUCTURAL ENGINEER: MOHAMED AHMAN | LOCATION: | H.A. HAIVANDHOO |
| | SERVICES ENG: | DRAWING TITLE: | AS GIVEN |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: ASID | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: 20TH SEP 2012 | |

E-04

DWG NO

PROJECT NO.: 12-057

CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR ANY OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED