## 3-CLASSROOM SCHOOL (SOFT SOIL)

RAKHINE STATE


| Sheet List |  |  |
| :--- | :--- | :--- |
| Number | Name | Issue Date |
| A00 | COVER | $02 / 03 / 16$ |
| A01 | GROUND FLOOR PLAN | $02 / 09 / 16$ |
| A02 | UPPER FLOOR PLAN | $02 / 09 / 16$ |
| A03 | ROOF PLAN | $02 / 09 / 16$ |
| A04 | ELEVATIONS NORTH AND SOUTH | $02 / 09 / 16$ |
| A05 | ELEVATIONS EAST AND WEST | $02 / 14 / 16$ |
| A06 | TYPICAL ARCHITECTURAL SECTION | $05 / 01 / 16$ |
| S01 | FOUNDATION FRAMING PLAN | $01 / 29 / 16$ |
| S02 | GROUND FLOOR FRAMING PLAN | $02 / 09 / 16$ |
| S03 | FIRST FLOOR FRAMING PLAN | $01 / 29 / 16$ |
| S04 | ROOF FRAMING PLAN | $01 / 29 / 16$ |
| S05 | CEILING FRAMING PLAN | $02 / 10 / 16$ |
| S06 | SECTION 1 | $02 / 01 / 16$ |
| S07 | SECTION 2 | $02 / 01 / 16$ |
| S08 | SECTION 3 | $02 / 29 / 16$ |
| S09 | SECTION 4 | $02 / 29 / 16$ |
| S10 | SECTION 5 | $02 / 13 / 16$ |
| S11 | SECTION 6 | $02 / 29 / 16$ |
| S12 | DETAILS AND SCHEDULES | $02 / 02 / 16$ |
| S13 | DOORS AND WINDOWS DETAILS | $04 / 19 / 16$ |
| S14 | TRUSS DETAIL | $04 / 19 / 16$ |
| S15 | CONNECTION DETAILS | $04 / 20 / 16$ |
| S16 | CONSTRUCTION SEQUENCE | $04 / 20 / 16$ |
|  |  |  |


(1) GROUND FLOOR
$3 / 32$ " = 1'-0'
(1) (2) (3) 4 (5) 6

$\sim^{8^{\prime}-0^{\prime \prime}} \underbrace{8^{\prime}-0^{\prime \prime}} \underbrace{10^{\prime}-0^{\prime \prime}}{ }^{10^{\prime}-0^{\prime \prime}}$
${ }^{\prime}-0^{\prime \prime}$
(6) 7
$\begin{array}{llll}7 & 8 & 9 & 10\end{array}$
(11)
$11 \quad 12$
(13)
) 10' - 0" 10' - 0 " 110 8
$\qquad$ ,
(D)


FIRST FLOOR
$3 / 32^{\prime \prime}=1$ 1'0"

Room Legend
Classroom

(1) $\frac{\text { ROOF }}{3 / 32^{\prime \prime}}=1^{\prime}-0^{\prime \prime}$

- GROUND

$\underset{28-6^{\prime}}{\text { RIDGE }}$
$\stackrel{\text { ROOF }}{23-0^{\prime}} \boldsymbol{i}$

ARSTREOR © GROUNDPROOR $\underset{2-0^{\prime}}{ }$ (c)

FOUNDATION
(2) South
2) South $1 / 16^{\prime \prime}=1^{\prime}-0$



(3) North

(1) East

$$
1 / 16^{\prime \prime}=1 \text { ' } 0
$$


(2) West
(2) $1 / 16^{\prime \prime}=1^{\prime}-0 "$
$\stackrel{\text { RIDGE }}{28-6^{\prime}} \boldsymbol{R o}$


ARSTROOR ©
$11^{\prime}-\sigma^{\prime}$

GROUNDPRORR
FOUNDATON ${ }_{-3} \mathbf{3}^{-6^{\prime}}$

(1) Typical Section
$3 / 16^{\prime \prime}=1^{\prime}-0 "$


(1) GROUND FLOOR FRAMING

3/32" = 1'-0"
(D)

(D) $\begin{gathered}1 \\ \overline{1} \\ \vdots \\ \overline{7}\end{gathered}$
(C)
(B)
(A)

(11)
(12) 13
 1
$\vdots$
$\vdots$
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I

$\underbrace{8^{\prime}-0^{\prime \prime}}$
 $\mathrm{CO}_{\mathrm{B} 12 \mathrm{~A}}^{\mathrm{P}} \quad \mathrm{CP}_{\mathrm{B} 12 \mathrm{~A}}^{P}$
) 1

(D)


1) ROOF FRAMING
$3 / 32^{\prime \prime}=1^{\prime}-0$ "

3/32" = 1'-0"



3/16-1-0

- FS3 Strip Footing
$3^{3}-0^{\prime \prime} \times 0^{\prime}-0^{\prime \prime}$
d10 mm @ 4" c/c main
Bottom only
on 3 " lean concrete
on 2 layers of 6 " compacted sand
Color Sheet Roofing
on LC-5"x2", 1.5 mm Thick Lipped Channel Purlin @ 2'c/c with Truss T1 made of 2LC-5" $\times 2$ ", 1.5 mm Thick Lipped Channel

4" Concrete floor
4" Concrete floor
4" Concrete floor
with d10 mm @6"\# Top and Bottom
4" Concrete floor
with d10 mm @6"\# Top and Bottom
with 1 " Concrete Finishing
with 1 " Concrete Finishing
S5
with d10 mm @6"\# Top and Bottom with 1" Concrete Finishing

$$
\begin{aligned}
& \text { 5" Concrete floor } \\
& \text { with d10 mm @6"\# Top and Bottom } \\
& \text { with 2" Concrete Finishing }
\end{aligned}
$$



2'-0" x $\times 0^{\prime}-9$-9
d10 mm @ 4" c/c main d10 mm @ 6" c/c ties Bottom only on 3" lean concrete on 2 layers of 6 " compacted sand

FS3 Strip Foo
$3^{\prime}-01$
$\times 0^{\prime}-9 "$
d10 mm @ 4" cc main dottom only
on 3 " lean concret
on 2 layers of 6 " compacted sand
(1) Section 5
$3 / 16 "=1$ '- ${ }^{\prime \prime}$




(4) BR9A Detail
(3) Framing at Grid 3 and 12
$1 / 8^{\prime \prime}=1$ '-0"

GROUNDPLOOR

FOUNDATON ©
FS2 Strip Footing
2'-0" x $0^{\prime}-9$ "
d10 mm @ 4" c/c main
10 mm @ 6 " c/c ties
on 3 " lean concre
on 2 layers of 6 " compacted sand

| Structural Column Schedule |  |
| :--- | :--- |
| Type | Type Comments |
| C9A | $9 " x 9 ", 8 d 12 m m$ main, d10mm@4" |
| Structural Framing Schedule   <br> Type Type Comments  <br> 2LC5 Double Galvanized Lipped Channel 2"x5"  <br> B10A $9 " x 10 ", 2 d 12 m m ~ T \& B, ~ d 6 m m @ 4 " ~$  <br> B12A $9 " x 12 ", 2 d 12 m m ~ T \& B, ~ d 6 m m @ 4 " ~$  <br> B12B $9 " x 12 "$, 3d12mm T\&B, d6mm@4"  <br> BR9A $9 " x 9 ", ~ 3 d 12 m m ~ T \& B, ~ d 6 m m @ 4 " ~ a t ~ G r i d ~ 3 ~$ <br> and 12 only  |  |


| Slab Schedule |  |  |
| :--- | :--- | :---: |
| Type | Thickness | Reinforcement |
| GS6 | $6 "$ | d10mm @8" \# Top only |
| S4 | $4 "$ | d10mm @6" \# Top and Bottom |
| S5 | $5 "$ | d10mm @6" \# Top and Bottom |
| S6 | $6 "$ | d10mm @6" \# Top and Bottom |

## Structural Foundation Schedule

Discription
FS2 2'x9", d10mm@4" Main, d10mm@6" Ties, Bot only
FS3 3'x9", d10mm@4" Main, d10mm@6" Ties, Bot only


DOOR D1
COMMON DOUBLE SWING DOOR FRAME: 5"x3" LOCAL HARD WOOD
PANEL: 1" THICK SOLID HARDWOOD LOCK: LOCKABLE SLIDING BOLT


VENT V1
VENT V1 POR VENTILATION

Vent V1
$1 / 2^{\prime \prime}=1$ '-0"
$\bar{\prime}$
$\dot{\prime}$
$\bar{\prime}$
FLOOR LINE

WINDOW W1
COMMON DOUBLE SWING WINDOW
FRAME: 5"x3" LOCAL HARD WOOD
PANEL FRAME: 1 " THICK SOLID HARDWOOD
PANEL: 3/8" THICK PLYWOOD PANEL
PANEL: 3/8"THICK PLYWOOD PANEL

Window W1
$3 / 8^{\prime \prime}=1^{\prime}-0 "$

ar
or



