ENGINEERING DRAWINGS

FOR

ENGINEERING DESIGN OF WASH FACILITIES ACROSS BORNO, ADAMAWA AND YOBE (BAY) STATES

Service Contract No: YOL SC 14

DUMNE - ZA-DUMNE PRIMARY SCHOOL

CLIENT: USAID/MERCY CORPS

CONSULTANTS:

KONSADEM ASSOCIATES LTD
Engineers & Consultants
30, Onireke Layout,
P.M. B. 5478, Ibadan, NIGERIA.
E-mail:konsadem@gmail.com

2ML CONSULTING NIGERIA LTD
Office 8, B1-Close Off 69(A) Road
Gwarinpa Abuja,

MAY, 2021.
Lockable Temporary Steel Cap

250mm dia. API Steel/UPVC Casing

Cement grout in borehole annulus 6m from ground level

Backfill with cutting from drill hole

250/150mm dia. mild steel/UPVC Adapter

Gravel pack with 2-4mm dia. gravel inserted to a minimum of 3m above the screen

150mm dia. stainless steel/UPVC screen

1.5m length of 150mm dia. plain casing as sump

Borehole depth as specified
PLAN GATE VALVE IN FULL SIZE BOX

SECTION A-A

SECTION B-B

TYPICAL GATE VALVE DETAILS

SAID/ADAMAWA

STATE: ADAMAWA

STAMP

YOL SC 14

TRACED: Damola

DESIGNED: USAID/MERCY CORPS

CONSULTANT: KONSADEM ASSOCIATES LTD

CLIENT: USAID/BAY/AD-DUM

ENGINEERING DESIGN OF WASH FACILITIES ACROSS BORNO, ADAMAWA AND YOBE (BAY) STATES

SERVICE CONTRACT NO:

DATE: MAY 2021

SIGNATURE:

ENGR SOJI
PLAN: PUBLIC STAND POST

REINFORCED CONCRETE COVER REINFORCEMENT
@12mm AT 150mm CENTRES

OPEN JOINTED MASONRY

GRAVEL PACK

SECTION B-B
ENGINEERING DESIGN OF WASH FACILITIES ACROSS BORNO, ADAMAWA AND YOBE (BAY) STATES

CLIENT: USAID/MERCY CORPS

CONSULTANT: KONSADEM ASSOCIATES LTD
2ML CONSULTING NIGERIA LTD

ENGINEER: Engr Soji Damola

DRAWING TITLE: TYPICAL PUBLIC STAND POST DETAILS

DRAWING NO.: BB/TPS05

SCALe: 1:20

UNITS: Metric

ADAMAWA

ZA-Dumne Primary School

USAID/BAY/AD-DUM

Report 

Ref: USAID/BAY/AD-DUM
SECTION A-A

250mm X 50mm thick mass concrete coping with plates
225mm X 25mm Thick hardwood fascia board covered with flat pan
Corrugated long span aluminium roofing sheet gauge 0.45mm
100mm DIA. PVC VENT PIPE
50mm X 100mm Treated H. WALL PLATE
50mm X 50mm Treated H. wood purlin @506mm Centres
50mm x 75mm Treated H. wood rafters
250mm X 400mm VITRIFIED WHITE WALL TILES LAID ON WALL AT 1200mm ABOVE FLOOR LEVEL
300mm X 300mm VITRIFIED ROUGH WHITE FLOOR TILES LAID ON TOILET FLOOR AND URINARY TROUGHS