ENGINEERING DRAWINGS
FOR
ENGINEERING DESIGN OF WASH FACILITIES ACROSS BORNO, ADAMAWA AND YOBE (BAY) STATES
Service Contract No: YOL SC 14

DUMNE - PHC

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.
See Elevation Tank Details

2 NO. NEW SOLAR POWERED BOREHOLE (Location to be determined by Geophysical survey)

Existing Borehole

Granite Chippings

Cerbs Stone

Control Room

Ground Tank

Storage

Made by:

Date:

Mark:

Revision

Checked:

Traced:

Drawn:

Date:

CLIENT:

USAID/MERCY CORPS

USAID/BAY/AD-DUM

Engineering Design of Wash Facilities Across Borno, Adamawa, and Yobe (Bay) States

Service Contract No: YOL SC 14

Konsadem Associates Ltd

Engineers & Consultants

2ML Consulting Nigeria Ltd

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Office 8, B1 Close On 69(A) Road

Konsadem Associates Ltd

P.M.B. 5478, Ibadan, Nigeria.

E-mail: konsadem@gmail.com

Engr Soji

BB/TYO2

2ML Consulting Nigeria Ltd

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P.M.B. 5478, Ibadan, Nigeria.

E-mail: konsadem@gmail.com

Engr Soji
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: PUBLIC STAND POST

REINFORCED CONCRETE COVER REINFORCEMENT
@12mm AT 150mm CENTRES

OPEN JOINTED MASONRY

GRavel PACK

SECTION B-B