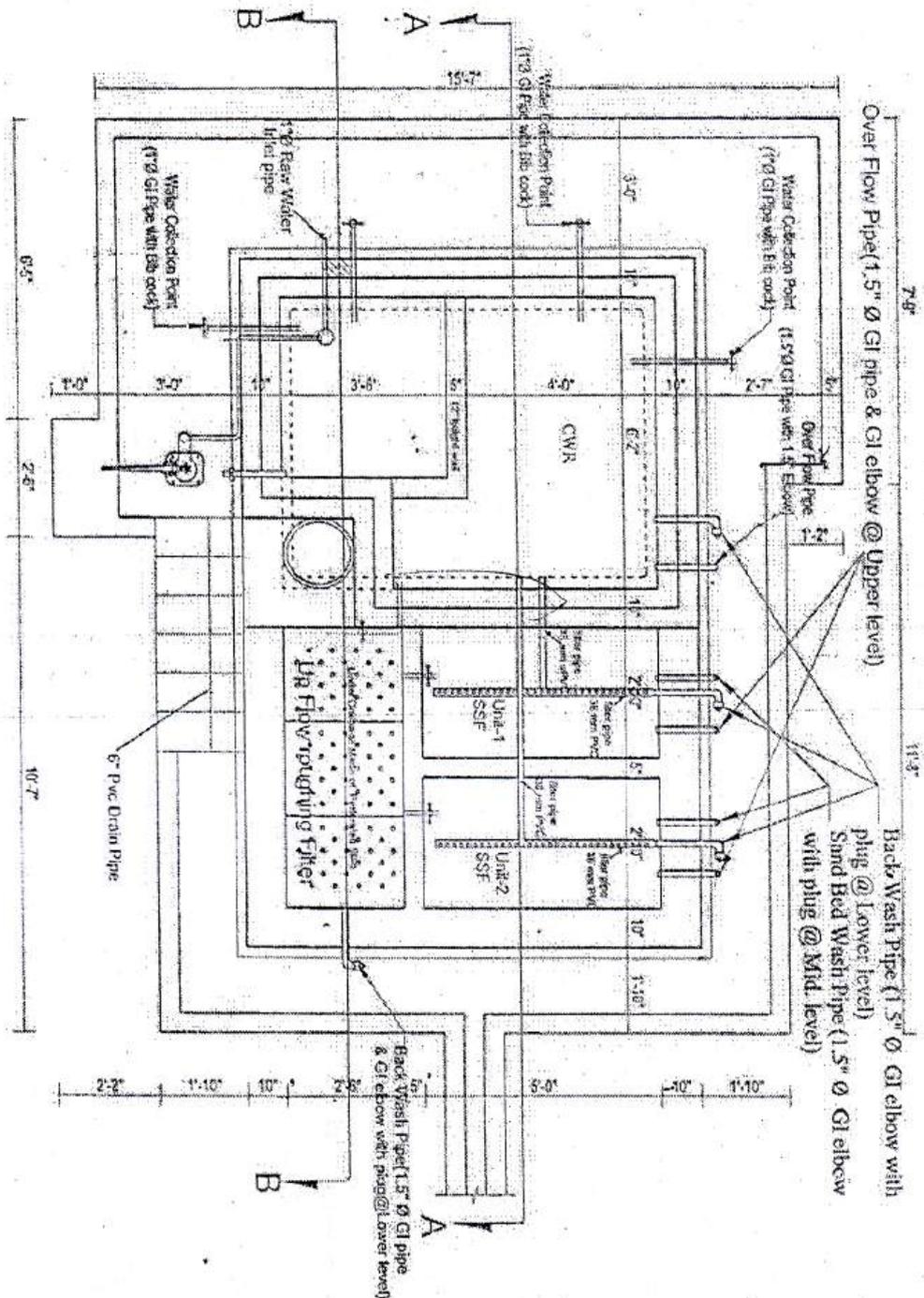


PLAN



Drawing Title:
 Drawing of Solar Operated Pond Sand Filter (PSF)
 Capacity (10000L/Day)

Name of Project:
 Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Dighi/Diches owned by zilla parishads.

Designed & Revised By:

(Executive Engineer)
 Research & Development Division
 Department of Public Health Engineering

Checked By:

(Superintending Engineer)
 Ground Water Circle
 Department of Public Health Engineering

Approved By:

Project Director
 Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Dighi/Diches owned by zilla parishads.

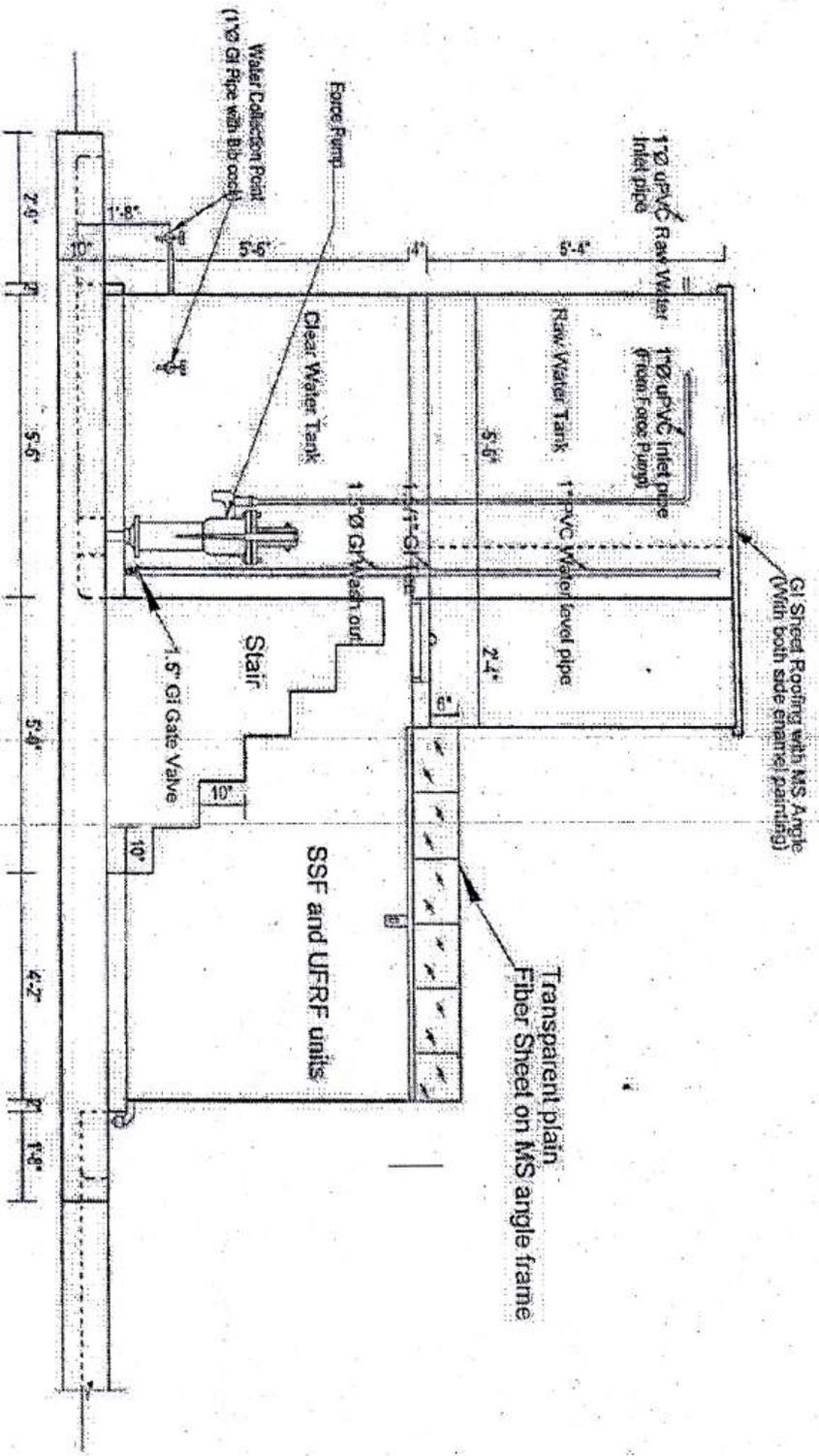
Revised Date:

Page:

04/12/2018

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Final drawing



ELEVATION

Drawing title:
 Drawing of Solar Operated Pond Sand Filter(PSF)
 Capacity(10000L/Day)

Name of Project:
 Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Dighs/Ditches owned by zilla parishads.

Designed & Revised By:

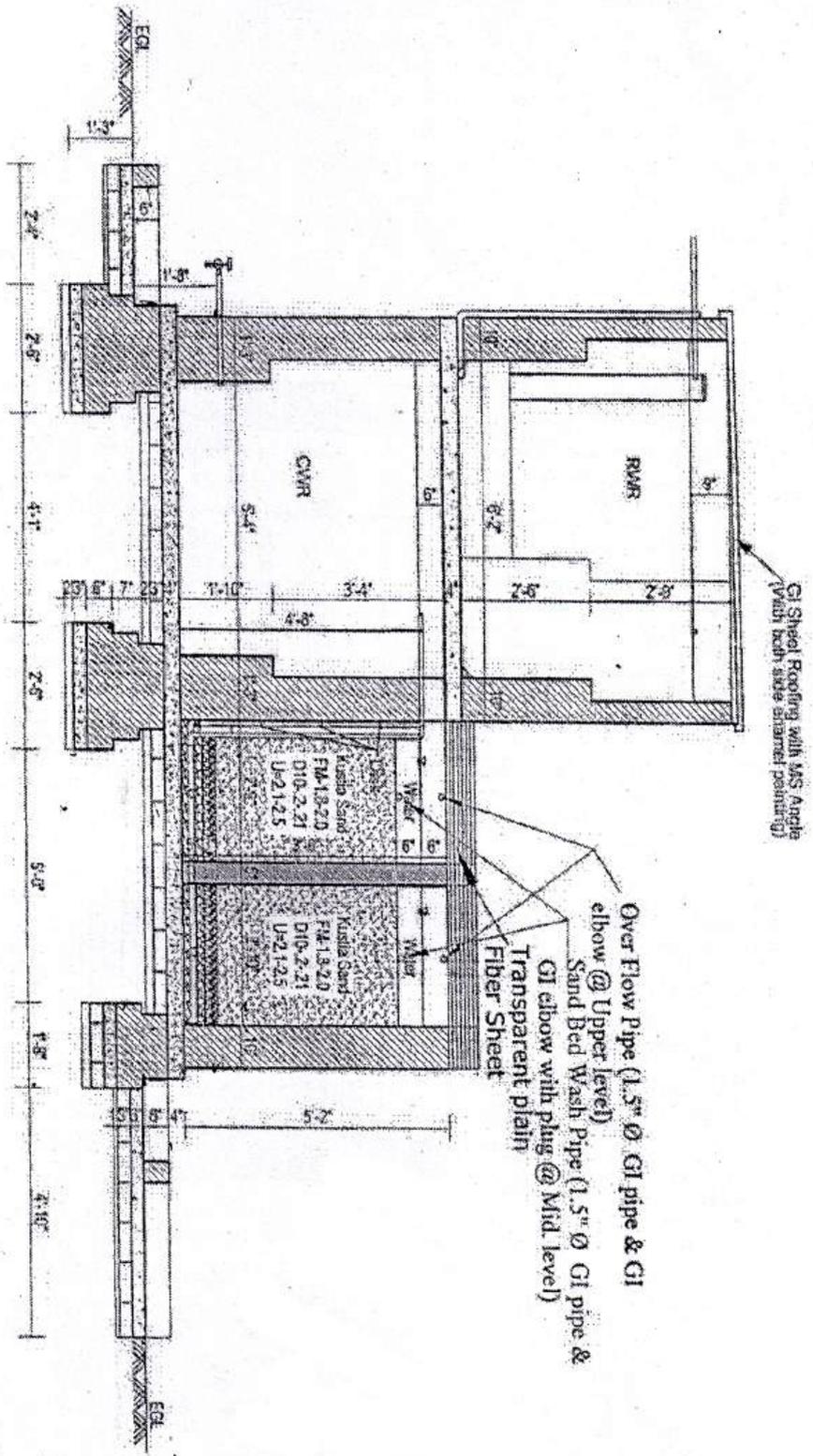
(Executive Engineer)
 Research & Development Division
 Department of Public Health Engineering
 Checked By:

(Superintendent Engineer)
 Ground Water Circle
 Department of Public Health Engineering
 Approved By:

(Project Director)
 Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Dighs/Ditches owned by zilla parishads

Revised Date: Page:

04/12/2016



SECTION A-A

Drawing title:
Drawing of Solar Operated Pond Sand Filter(PSF)
 Capacity(100000L/Day)

Name of Project:
 Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Digh/Ditches owned by zila parshads.

Designed & Revised By:

(Executive Engineer)
 Research & Development Division
 Department of Public Health Engineering
 Checked By:

(Superintending Engineer)
 Ground Water Circle
 Department of Public Health Engineering
 Approved By:

(Project Director)
 Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Digh/Ditches owned by zila parshads.

Revised Date:
 04/12/2018

Drawing Title :

Drawing of Solar Operated Pond Sand Filler(PSF) Capacity(10000L/Day)

Name of Project :

Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Digh/Ditches owned by zila parishads.

Designed & Revised By:-

(Executive Engineer) Research & Development Division Department of Public Health Engineering.

Checked By:-

(Superintendent Engineer) Ground Water Circle Department of Public Health Engineering.

Approved By:-

(Project Director)

Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Digh/Ditches owned by zila parishads.

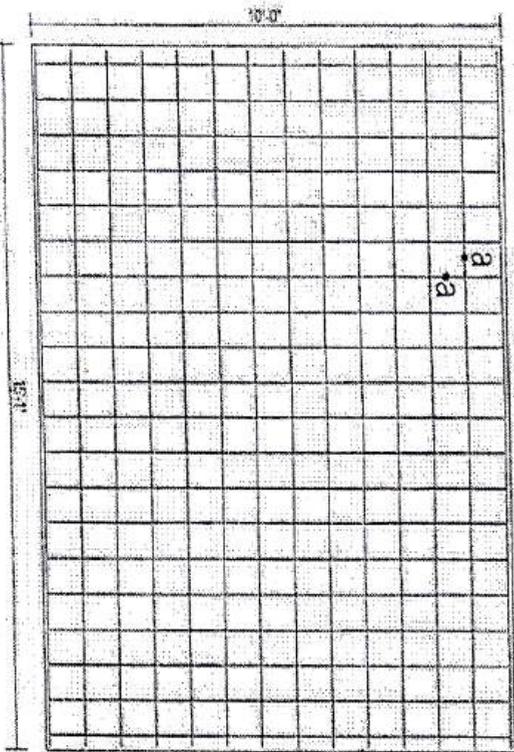
Revised Date:-

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04/12/2018

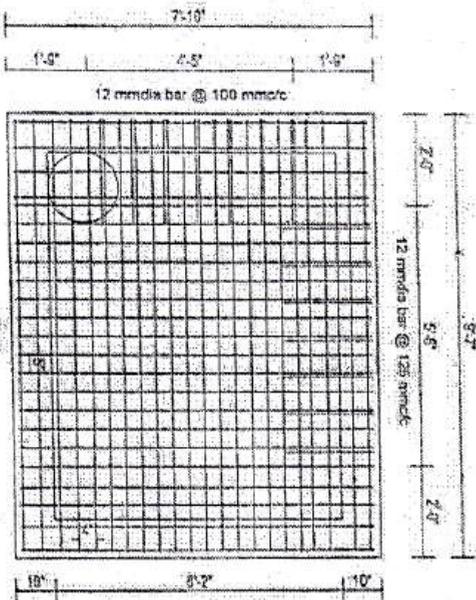
5/9

a. 8 mm dia @ 150mm CC both way
Slab thickness 100 mm



RCC Slab of CWR's Floor

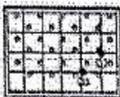
a. 10 mm dia @ 100mm CC c. 10 mm dia @ 200mm CC
b. 10 mm dia @ 150mm CC d. 10 mm dia @ 300 mm CC



a. 10 mm dia @ 125mm CC

RCC Slab on CWR
Slab thickness 100mm

Slab thickness 75 mm
Perforated Slab



Drawing title:

Drawing of Solar Operated Pond Sand Filler(P/SP) Capacity(10000L/Day)

Name of Project:

Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Digh/Ditches owned by zila parishads.

Designed & Revised By:

Signature
A. A. 13.16

(Executive Engineer)
Research & Development Division
Department of Public Health Engineering

Checked By:

Signature
A. A. 13.16
(Superintending Engineer)
Ground Water Circle
Department of Public Health Engineering

Approved By:

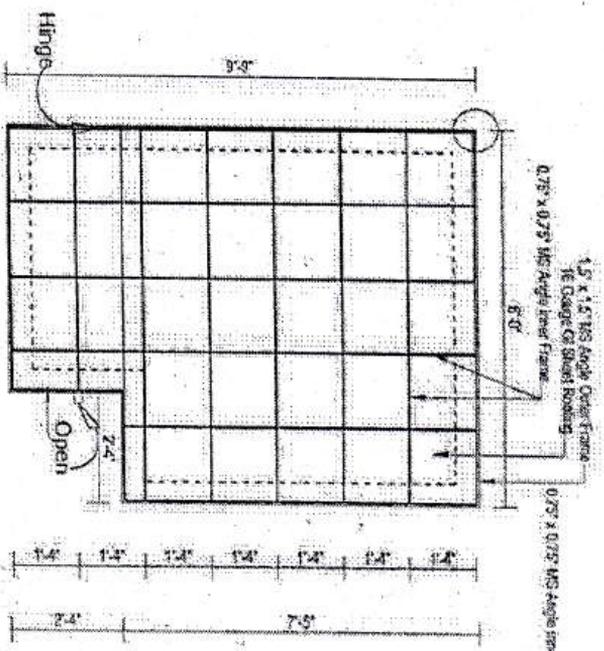
Signature
04/12
(Project Director)
Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Digh/Ditches owned by zila parishads.

Revised Date:

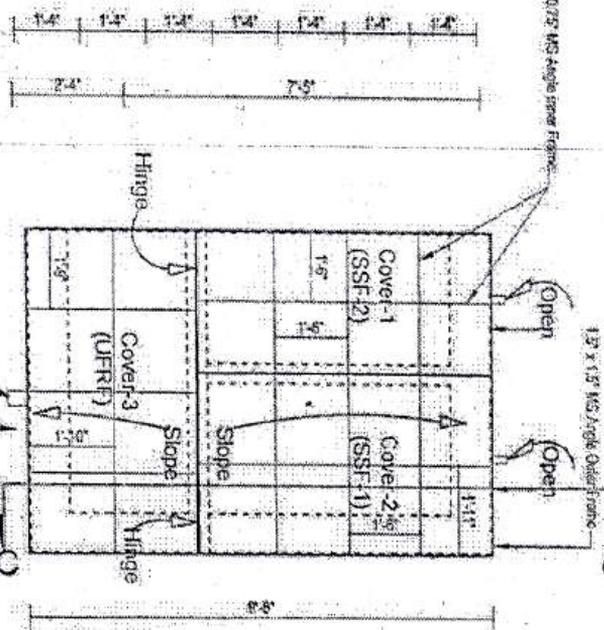
04/12/2018

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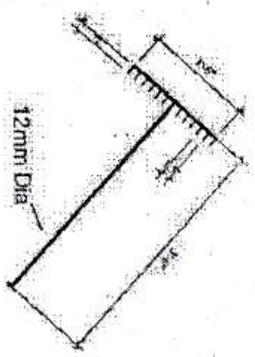
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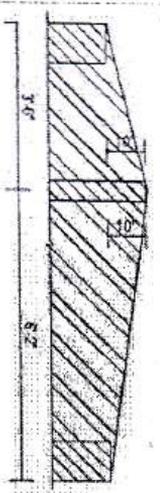
GI Sheet Roofing on RWR



Transparent Plain Fiber Sheet Roofing

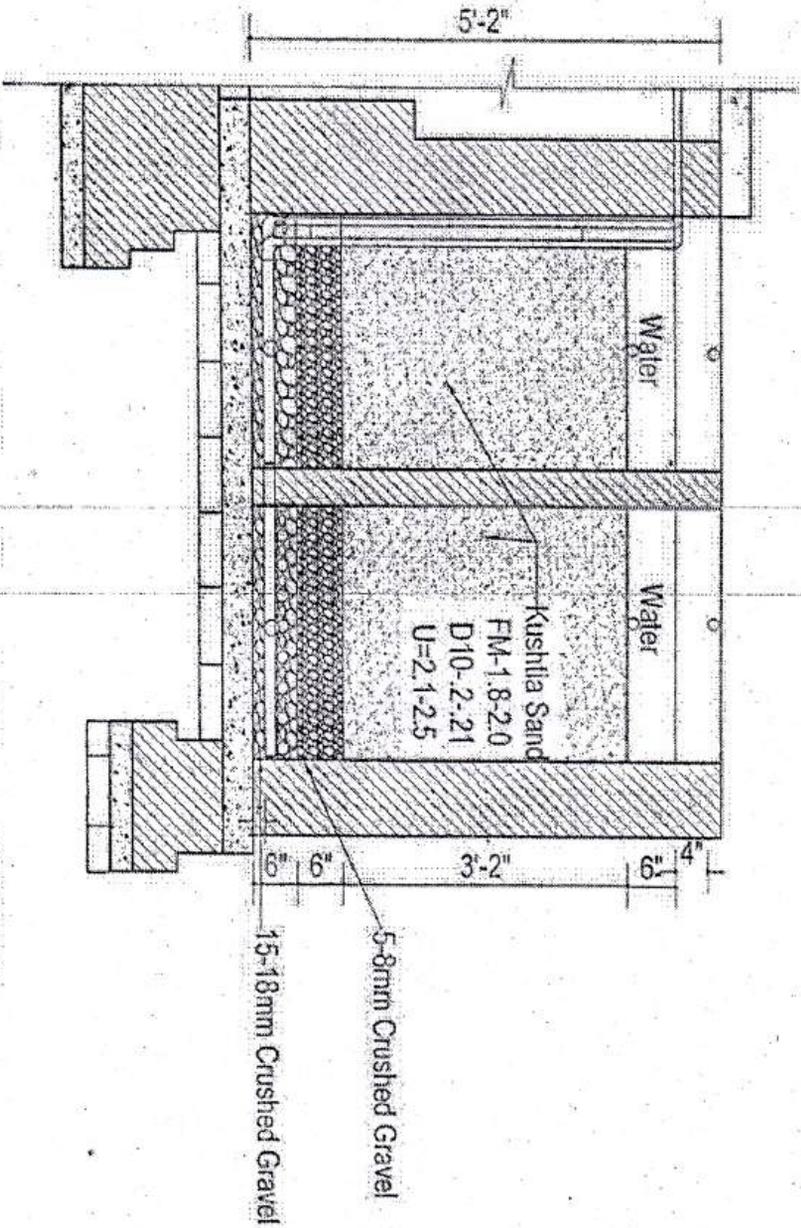


Details of MS Scraper



Section C-C

Details of Slow Sand Filter (SSF)



Drawing Title :
Drawing of Solar Operated Pond Sand Filter (PSP)
 Capacity (100000L/Day)

Name of Project :
 Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Digh/Ditches owned by zila parishads.

Designed & Revised By:

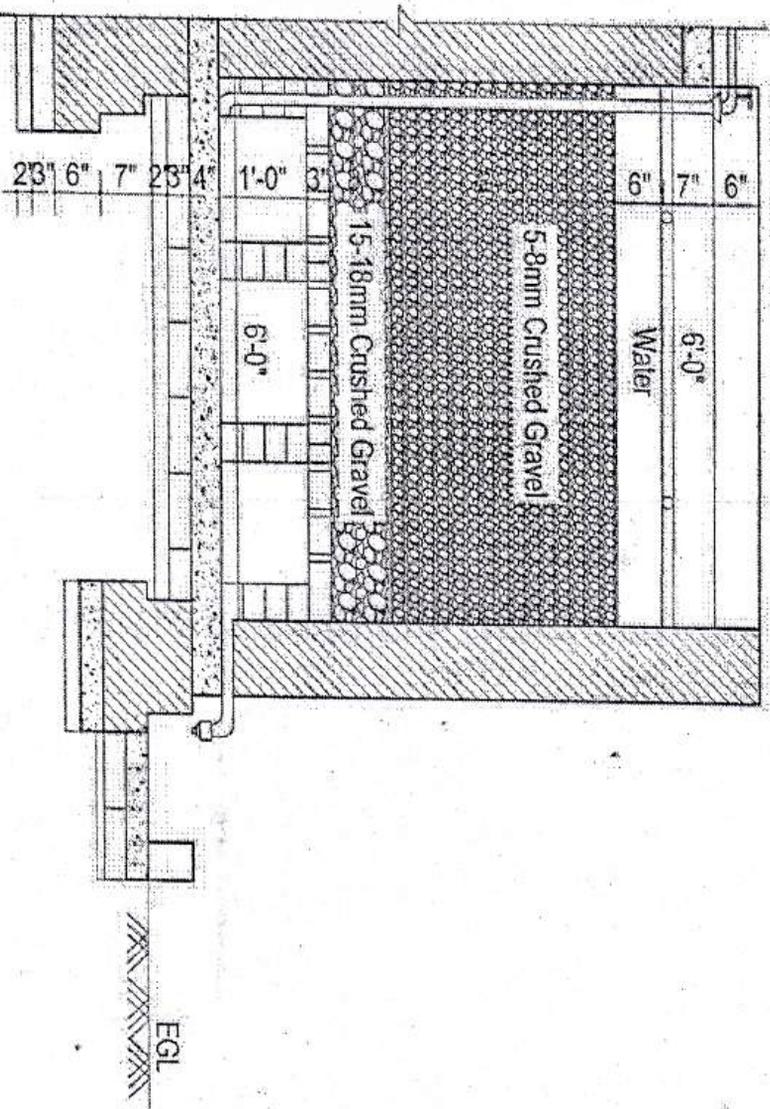
Dr. V. K. S.
 (Executive Engineer)
 Research & Development Division,
 Department of Public Health Engineering
 Checked By:

S. S. S.
 (Superintendent Engineer)
 Ground Water Circle
 Department of Public Health Engineering
 Approved By:

R. S. S.
 Project Director
 Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Digh/Ditches owned by zila parishads.

Revised Date: _____ Page: _____

04/12/2018



Details of Upflow Roughing Filter (URF)

Drawing title :

Drawing of Solar Operated Pond Sand Filter (PSF)
Capacity (100000/Day)

Name of Project :

Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Dighi/Ditches owned by zila parishads.

Designed & Revised By :

Shubhojit
M. E. I. E.

(Executive Engineer)
Research & Development Division
Department of Public Health Engineering.

Checked By :

(Superintendent Engineer)
Ground Water Circle
Department of Public Health Engineering.

Approved By :

R. K. Saha
04/12/18
(Project Director)

Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Dighi/Ditches owned by zila parishads.

Revised Date :

Page :

04/12/2018

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Drawing of Solar Operated Pond Sand Filter (PSF)
Capacity (10000L/Day)

Name of Project:

Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Dighi/Ditches owned by zila parishads.

Designed & Revised By:

[Signature]
12.1.18

(Executive Engineer)
Research & Development Division
Department of Public Health Engineering

Checked By:

[Signature]
12/18
(Superintendent Engineer)
Ground Water Circle

Department of Public Health Engineering

Approved By:

[Signature]
09/12/18
(Project Director)

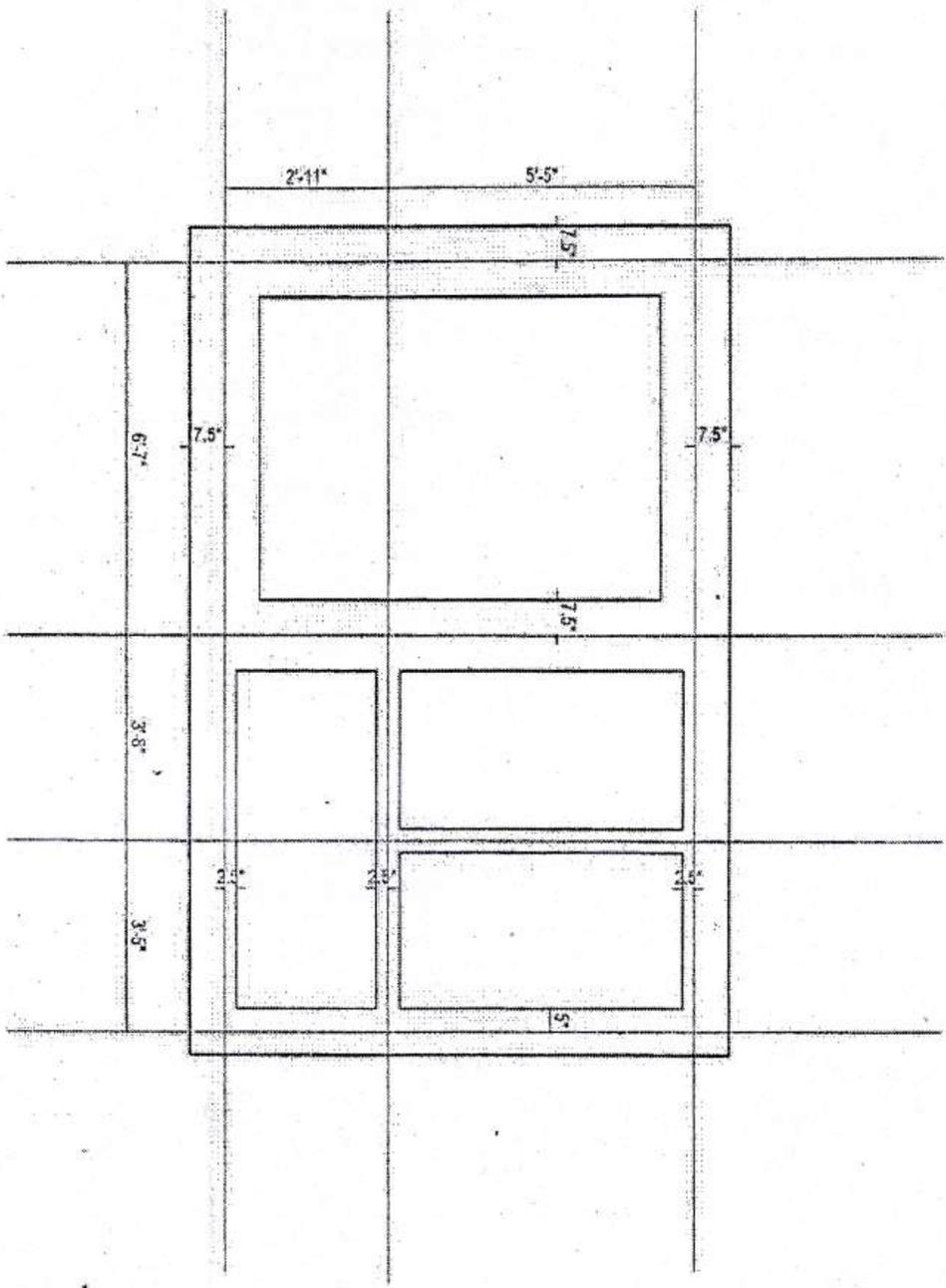
Water preservation and safe water supply project through re-excavation/maintenance of Ponds/Dighi/Ditches owned by zila parishads.

Revised Date:

09/12/2018

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Center Line Plan for Brick Work