

Concept Note of Leach Pit with Washing Platform

Concept Note: Washing Platform Of with Leeches Pit Greywater Of management Have to make sure .

Village: Chehli Tola , Panchayat Aiswaya , Block Pohri , District Shivpuri , Middle State

Implementing Agency:- WaterAid India & Gram Panchayat Aiswaya

Village In Total Families : 116 , Total population 600

Budget Code :- IN187-B.3.4-PR-Scaleup Greywater

1. Introduction - Rural And semi urban areas In domestic waste of water (greywater) management One Serious challenge Untreated waste Water Often open steady Water sources In Deposit yes go is , by which Environment Of erosion Would Yes , the smell comes Is And mosquitoes As Disease spread those germs Of For Reproduction site become go Are .

Leeches Pit (Sok Pitt) a Economical , Decentralized And Environment of Vision From durable Solution Is which Greywater To Natural Form From land In seepage by giving Safe Form From dispose of Of For design Did Went Is .

2. Purpose - · Safe Disposal : Domestic waste Water Of Safe Storage And disposal To ensure to do .

Health And Sanitation : Waterlogging To End to do , by which waterborne diseases And Malaria / Dengue Of dangers To Less Did Go Could .

· Groundwater Recharge : Natural filtration To boost to give And local Groundwater level To revived to Of For .

· community Awareness : Clean India Mission (Rural) like initiatives Of under liquid waste in Management (LWM) Community Partnership To encouraged to do .

3. Technical Specification And design - One Standard Leeches Pit One underground structure Is which liquid waste To nearby of Soil In absorbed to In Facility provide to Of For design Did Went Is .

Parameters Specifications (standards) domestic size)-

size	spherical (structural Stability Of For better)
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Diameter	1.0 meter to 1.2 meters
depth	1.5 meters to 1.8 meters up to (water level Of Base But)
layer	honeycomb Brick of masonry (joints In Mortar Of without) or perforated concrete Of rings
cover	inspection Of For Manhole including precast RCC slab

modus operandi - Inflow : Kitchen And bathroom From to get out one Dirty Water Solid particles And oils To removal Of For Grease / silt Net From through passes Is .

Seepage : constant Water One inlet pipe Of Channel From Leeches Pit In Entry does Is .

Natural Filtration : Water gradually honeycomb Brick of walls And Stone Of aggregate From seeping through nearby of Soil In walked go Is .

Purification : Clay Of particles And Natural microorganisms Water To Below of Side seeping happened Pure Do are , whereby ultimately water reservoir Of recharge Would Is .

4. Required Result And Benefit -

Clean environment : Village of roads From mud And Stopped happened Water Of full Elimination .

Less maintenance : In this minimum care of Need would have Is And Without Any elder Interference Of it years till walks Is .

Economical : local level But Available materials (bricks , stones) and local Labor Of Use by made .

ecological balance : Use did Went Water To Back Nature In by returning Water Protection In direct Contribution gives Is .

5. Implementation strategy And Budget -

it Project various Stages In implemented of will go to :

- **Step 1:** The Venue selection And Survey : High amount In waste Water Yield to those And Suitable soil permeability those homes of Identification do (heavy Smooth Soil Or High water level those areas From Avoid).
- **Step 2: Construction** : Technical designs Of According pit diggers And Construction to Of For local masons To Work But Placement .

- **Step 3:** Monitoring And Maintenance : Beneficiaries To Solid waste , plastic Or Heavy chemicals To pit In excavations From avoid Of For Educated to do .

7. Conclusions -

Leeches Pits To Applicable to do complete cleanliness get to Of One extremely Comprehensive And skilled Method it is . it National Rural Development goals Of with Complete Kind From Match Account is , by which waste Water To Health Of For hazard becoming From by stopping One valuable Groundwater resources In converted Did Go Can Is .

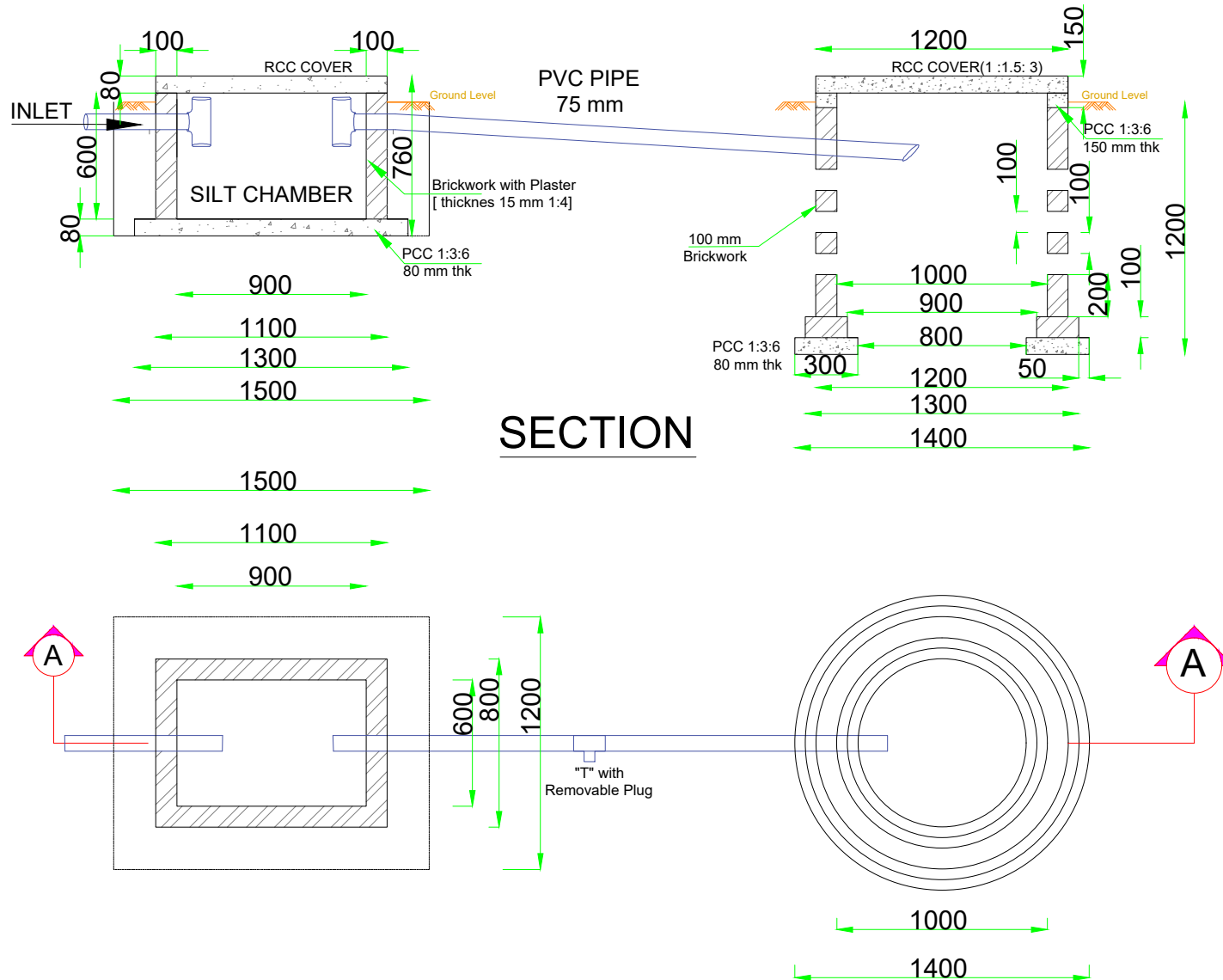
Please send in your quotation addressed to **Jal Seva Charitable Foundation and the quotation should reach to us latest by 14th October 2026 to email address WAIProcurementMP@wateraid.org**

Quotation should be in your firm letterhead with sign and seal.

Attached is the format for submitting your quotation along with drawing and design of structure.

Along with the quote, please share the below documents as well (without this we will not be in a position to consider your quotation):

1. GST registration certificate and also the GST declaration of last two years **(if applicable)**
2. Bank detail (Cancel Cheque Copy)
3. PAN Card (Copy)
4. Aadhar Card (Copy)
5. Documents supporting experience of similar kind of work



SECTION

NOTES

- All dimensions are in 'mm' unless mentioned otherwise.
- All dimensions are checked and co-related with the architectural drawings and any discrepancy or omission shall be brought to the notice.
- This is the property of WaterAid India & is not to be copied or produced anywhere without their permission.
- On site any changes please contact WaterAid India.
- The structural component and BQ prepared considering road level at (+100.00).
- EGL = Existing Ground Level
- FGL = Finished Ground Level
- HFL = High Flood Level
- IL/OL = Inlet level/Outlet Level.
- Only Sulphate Resistance Cement (SRC) to be used for all concrete and plastering applications.
- Pipe invert in wall to be embedded in PCC 1:2:4
- 'R' indicates Register.
- 'IC' indicates Inspection Chamber.
- 'IDC' indicates Inlet Distribution Chamber.
- 'ODC' indicates Outlet Distribution Chamber.
- All Plastering must be Mixed with water proofing agent.
- All water treatment structure to be checked for water leakages.
- All reinforcement shall be terminated inside the structure and shall not be protruding outside.
- Structure drawing shall supersede design drawing for any mismatch.
- All foundation and structure to be erected on well compacted earth with proctor density of 95%.

REVISIONS

DATE	REMARKS	SIGNATURE

TITLE:

Leach Pit & Silt Chamber

DRG No: D/Leachpit/01

PROJECT TITLE:

Construction of HH Level Level Leachpit for PWSS Standpost at Chehli Tola, Aswaya, Pohari, Shivpuri (MP)

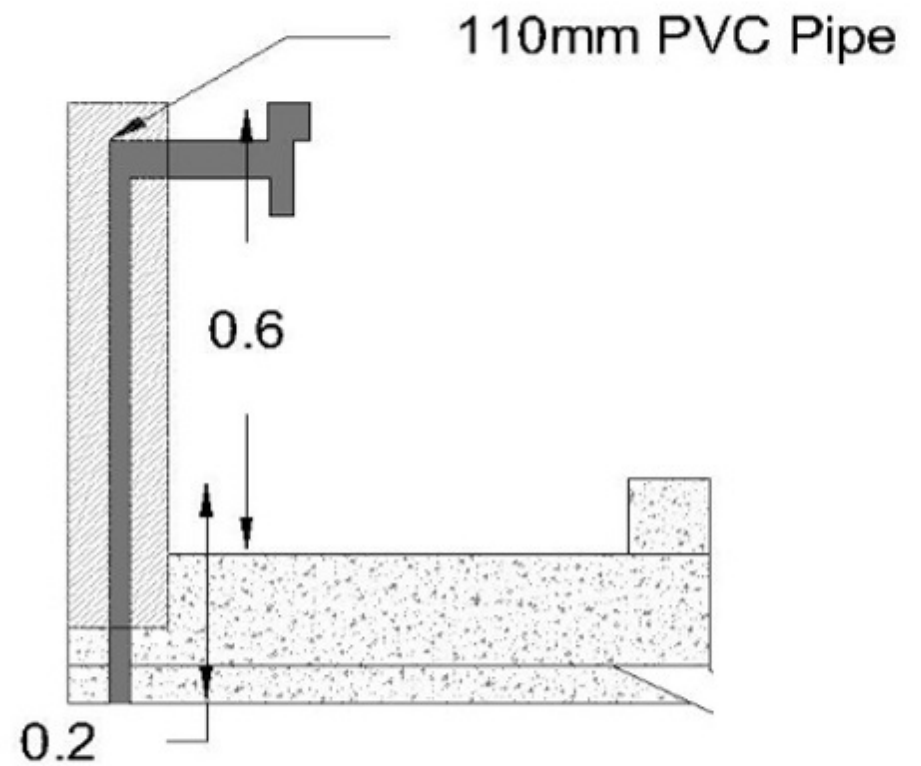
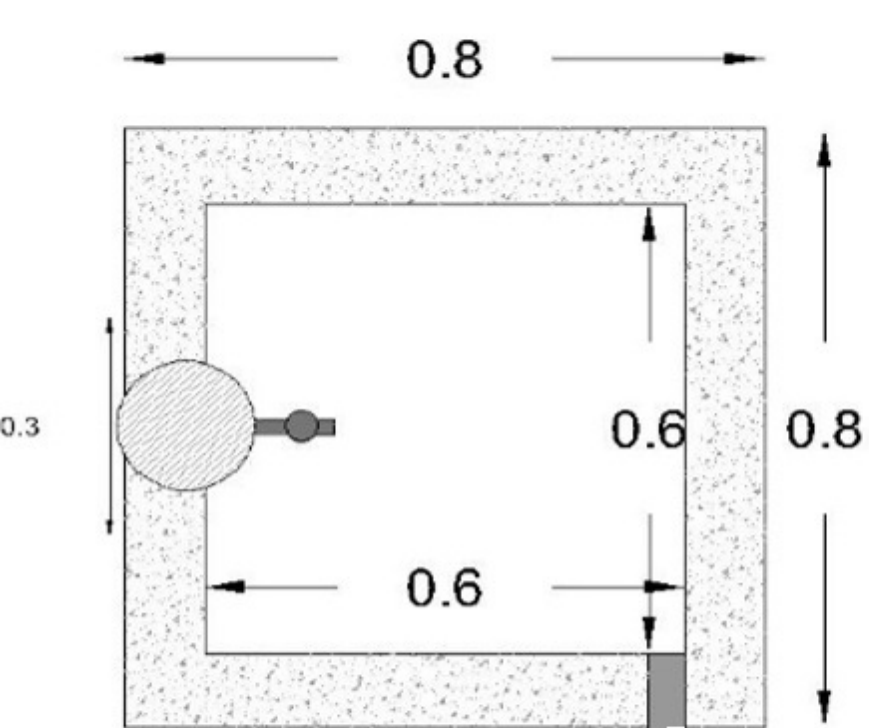
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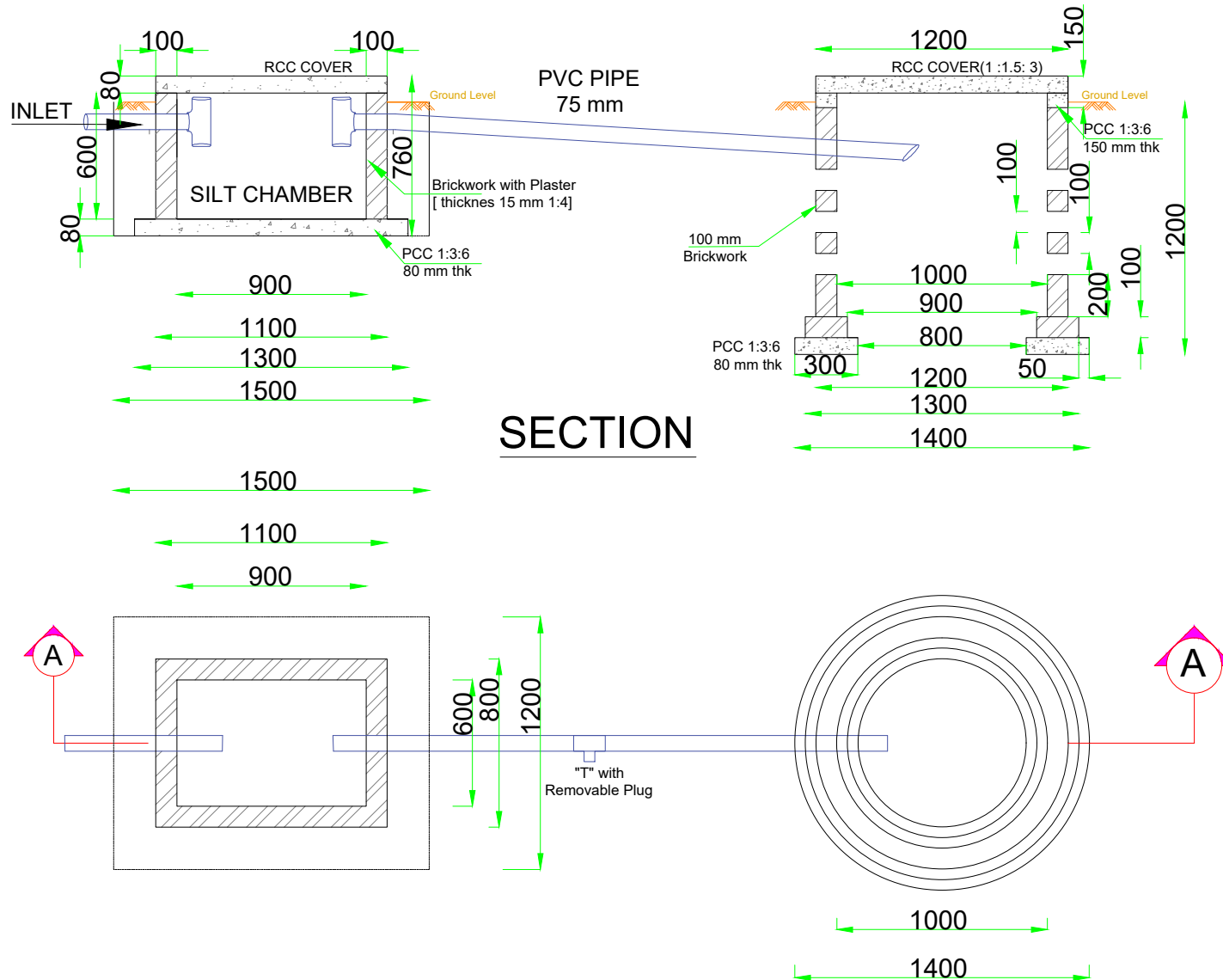
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Single-Standpost





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