

# SITTE TOILET

CLIENT: **ROYAL GOVERNMENT OF BHUTAN**



DESIGN CONSULTANT:



L&T Infra

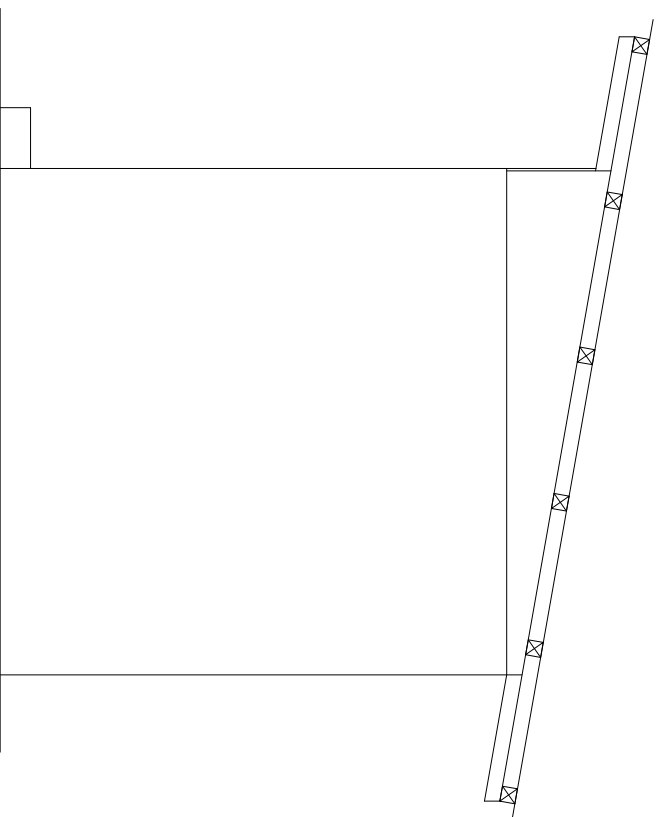
L&T INFRASTRUCTURE ENGINEERING LTD  
TC 2 BUILDING, 3rd FLOOR,  
MOUNT POONAMALLEE ROAD,  
MANAPAKKAM, P.B.NO.979, CHENNAI - 600 089  
E-mail: [roads@lntiel.com](mailto:roads@lntiel.com), Website: [www.lntiel.com](http://www.lntiel.com)

In JV

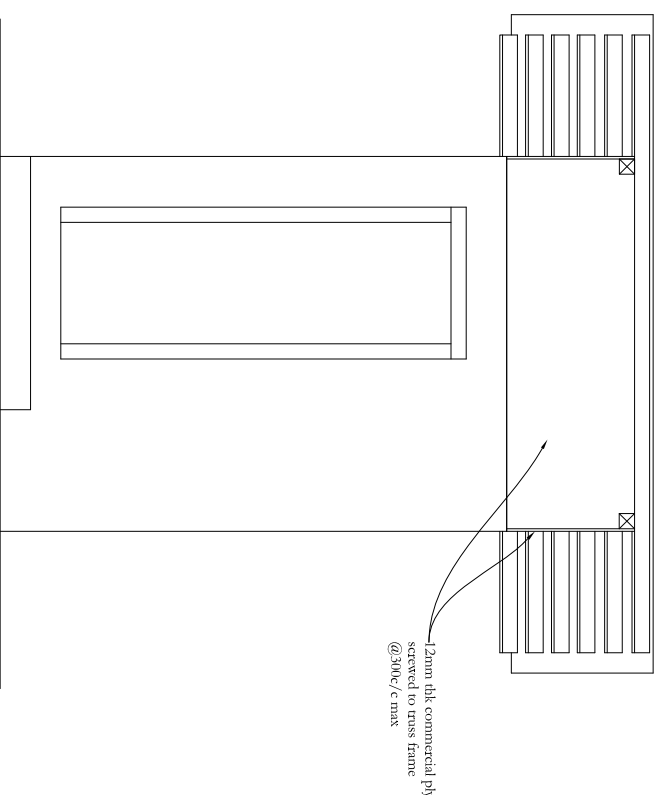
With



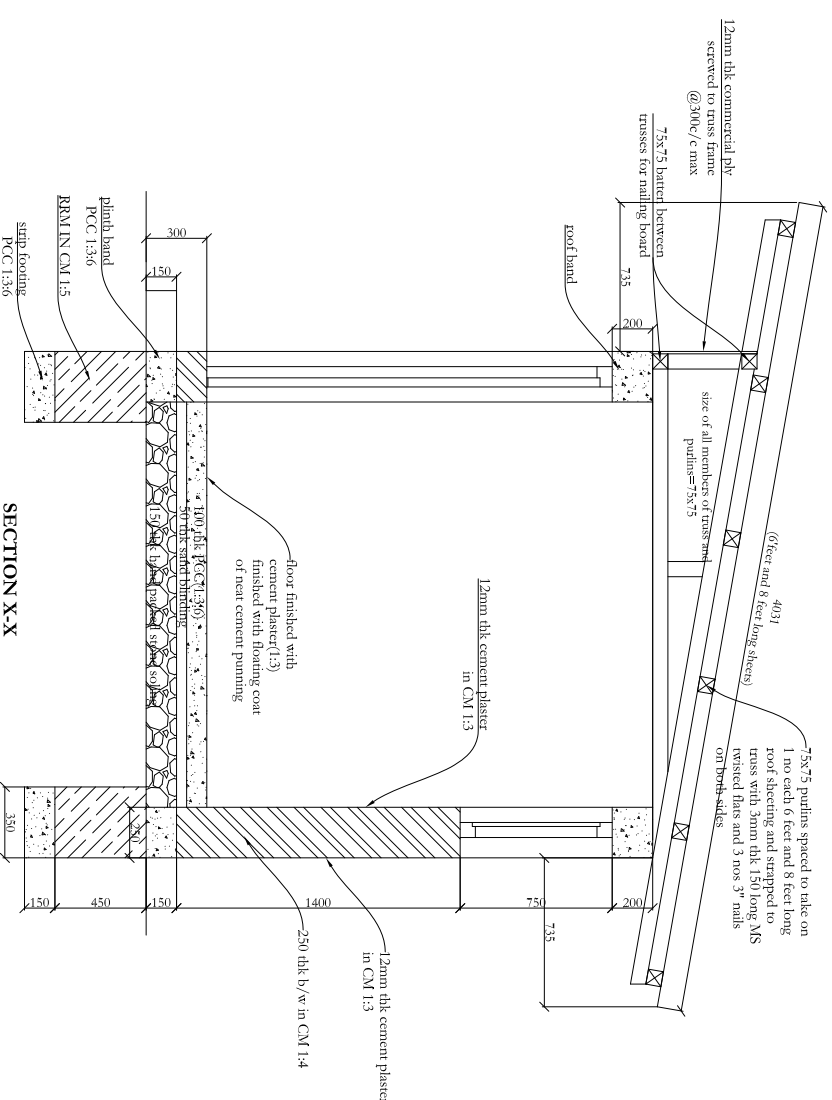
UNITED CONSULTANCY  
61, JANGSAM LAM, CHANGANGKHA,  
THIMPHU, BHUTAN  
PH: (+975- 2)-3326776 FAX NO:-323884  
E-mail: [ucsosnam@gmail.com](mailto:ucsosnam@gmail.com)



SIDE ELEVATION

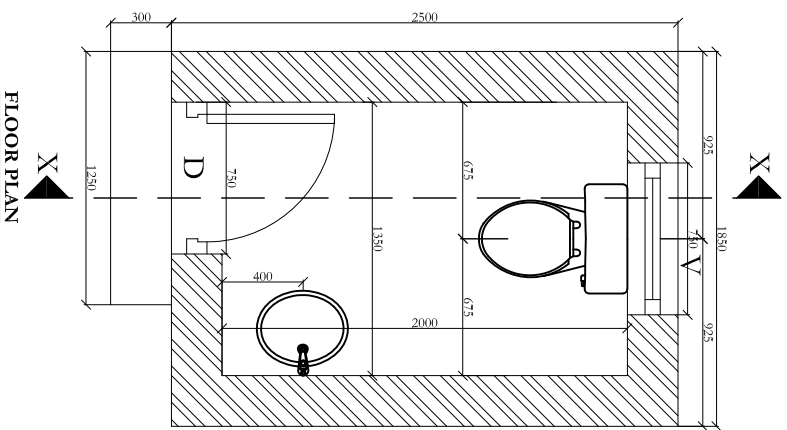


FRONT ELEVATION



SECTION X-X

- NOTES:**
1. All dimensions are in mm.
  2. All grid lines are wrt superstructure wall center lines.
  3. All levels are in meters.
  4. Drawings not to be scaled and written dimensions to be followed.



FLOOR PLAN

- Finishing Schedule:**
1. Exterior wall -250 thk b/w in CM 1:4 finished with 12mm thk cement plaster in CM 1:3 both inside and outside
  2. Exterior Wall face below floor and above ground and steps- Cement plaster in CM 1:3
  3. Flooring- Cement plaster in CM 1:3
  4. Ventilation window- Timber frame with louvers
  5. Door- 45 mm thick flushed door with 6 mm thk commercial plywood.
  6. Electrical works-
    - 1 no bulb point outside entrance
    - 1 nos tube light inside
    - switches as required

This drawing is the property of L&T Infrastructure Engineering Ltd. and shall not be passed on to any person or body not authorised by us to receive it nor be copied or otherwise made use of either in full or in part by such person or body without our prior permission in writing.

CLIENT: ROYAL GOVERNMENT OF BHUTAN

DESIGN CONSULTANT: L&T Infra

Department of Air Transport | Ministry of Information and Communications

PROJECT: DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT

CLIENT: DEPARTMENT OF AIR TRANSPORT (DOAT) MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN

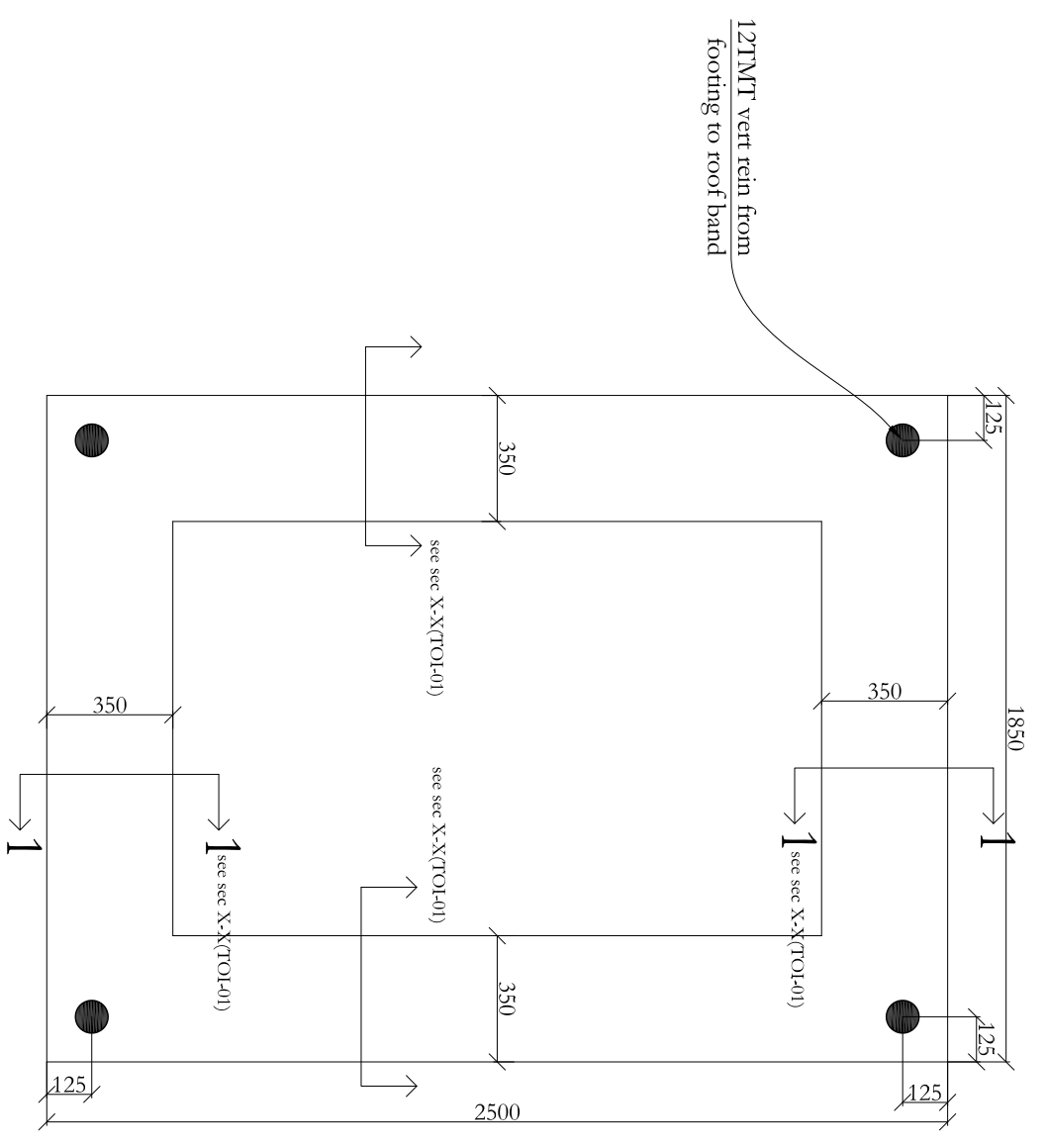
TITLE: FLOOR PLAN, ELEVATIONS AND SECTION

PROJECT NO: TOI-01

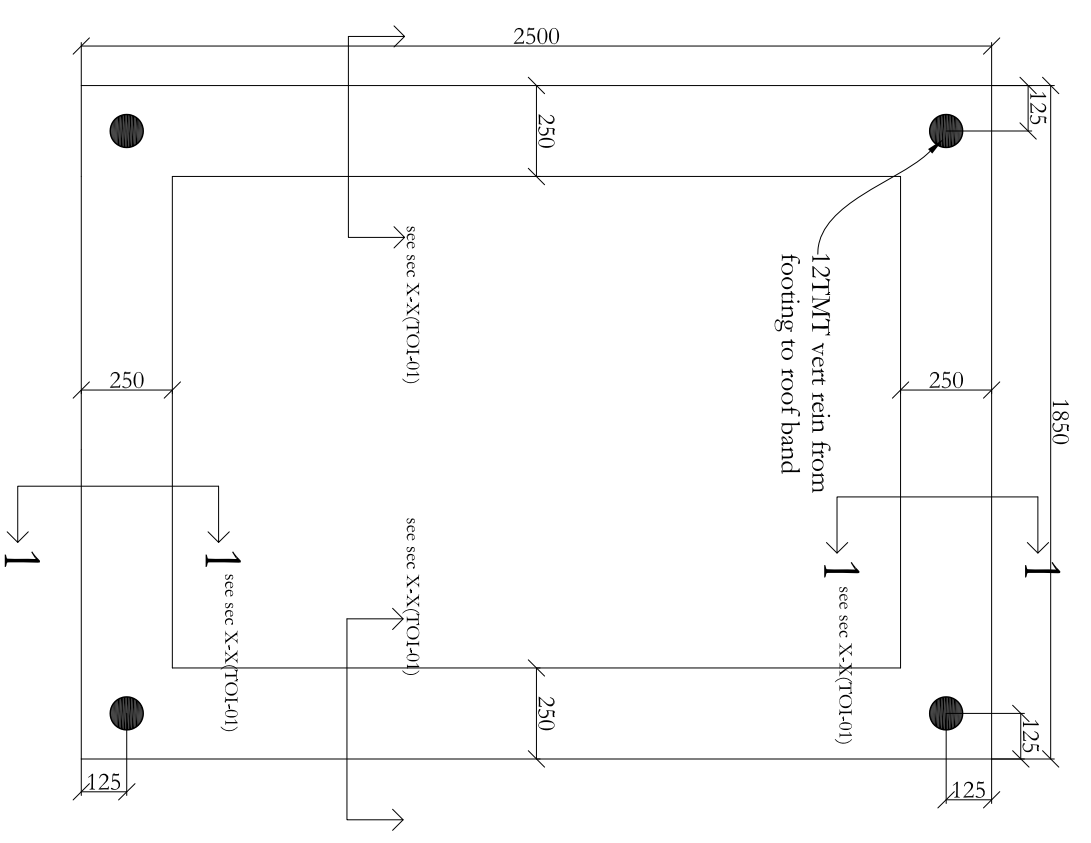
DATE: AUG, 2021

MADDE: DWG NO: TOI-01

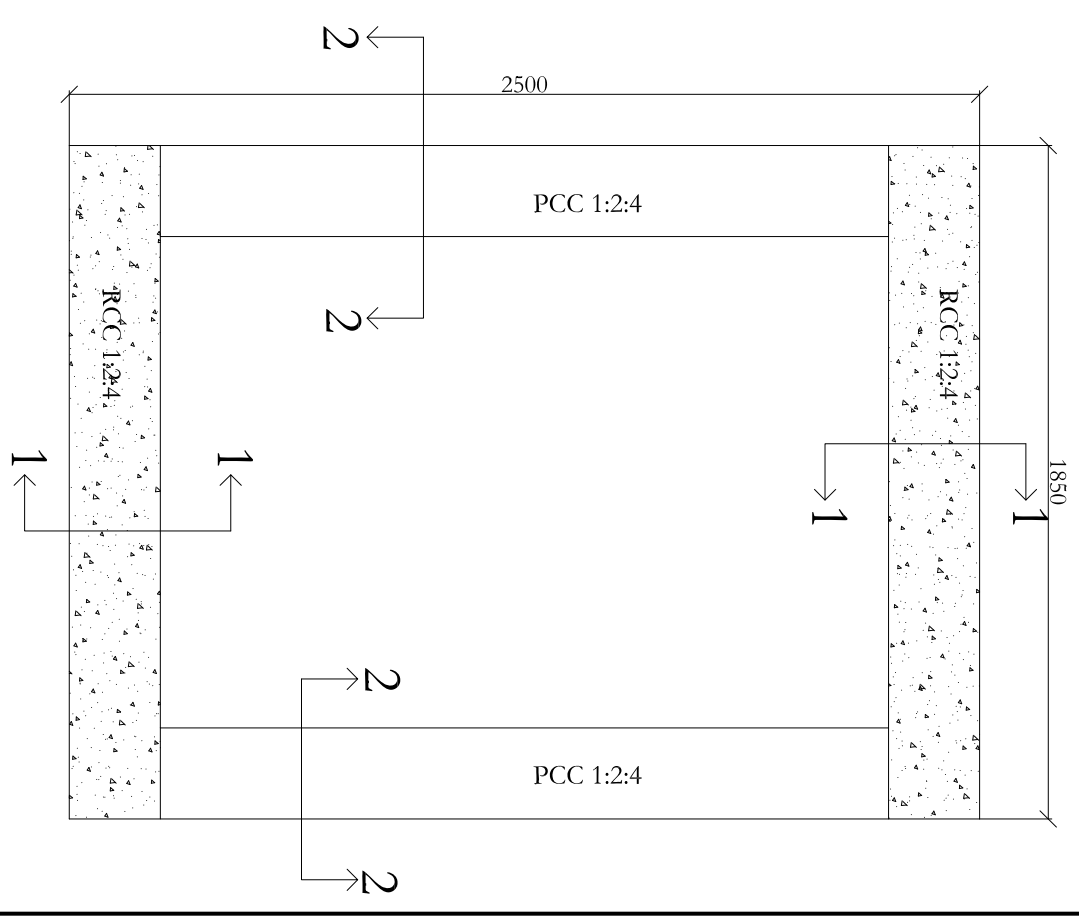
REV:



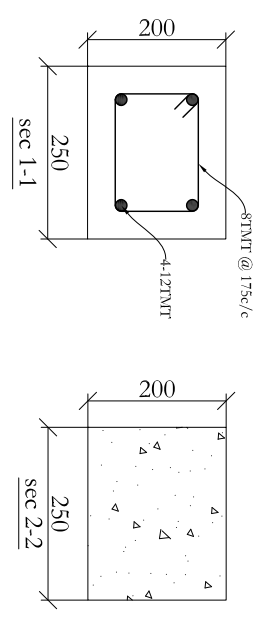
- WALL FOOTING(PCC 1:3:6) PLAN  
- VERTICAL REIN LAYOUT PLAN



- PLINTH BAND(PCC 1:3:6) PLAN  
- VERTICAL REIN LAYOUT PLAN



ROOF LEVEL BAND



- NOTES:
1. All dimensions are in mm.
  2. All grid lines are wrt superstructure wall center lines.
  3. All levels are in meters.
  4. Drawings not to be scaled and written dimensions to be followed.

This drawing is the property of L&T Infrastructure Engineering Ltd. and shall not be used or copied or otherwise made use of either in full or in part by such person or body without our prior permission in writing.

CLIENT: ROYAL GOVERNMENT OF BHUTAN

DESIGN CONSULTANT: L&T Infra  
L&T Infrastructure Engineering Ltd  
7C2 BHEL ROAD, KOUNTSOKANMALAR ROAD, THIMPHU, BHUTAN  
E-mail: [road@lnt.com](mailto:road@lnt.com), [vertical\\_rein@lnt.com](mailto:vertical_rein@lnt.com)

Department of Air Transport | Ministry of Information and Communications

In JV With  
UNITED CONSULTANCY  
61 JANGSAM LAM CHANGANGKHA  
THIMPHU, BHUTAN  
E-mail: [ucon@ucon.com](mailto:ucon@ucon.com)

PROJECT: DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT

CLIENT: DEPARTMENT OF AIR TRANSPORT (DOAT), MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN

DRAWING: TOILET

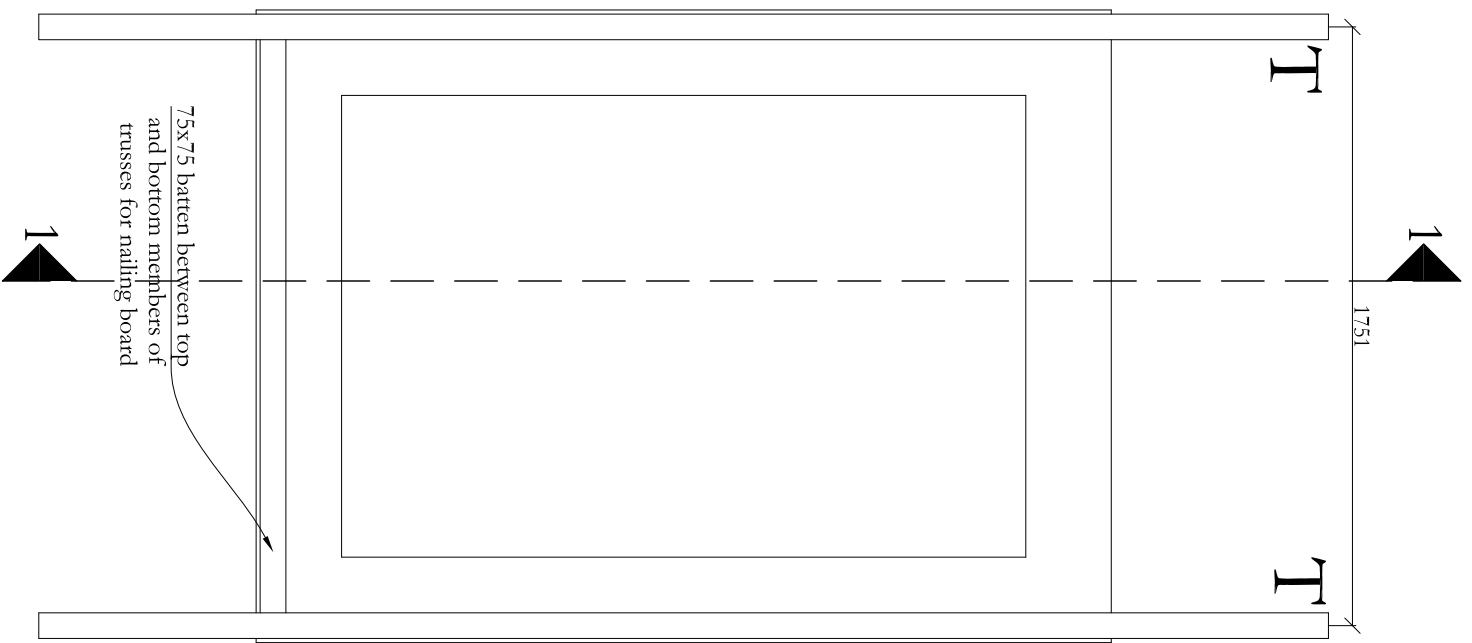
TITLE: FOOTING AND BAND PLANS

PROJECT NO:

DATE: AUG, 2021

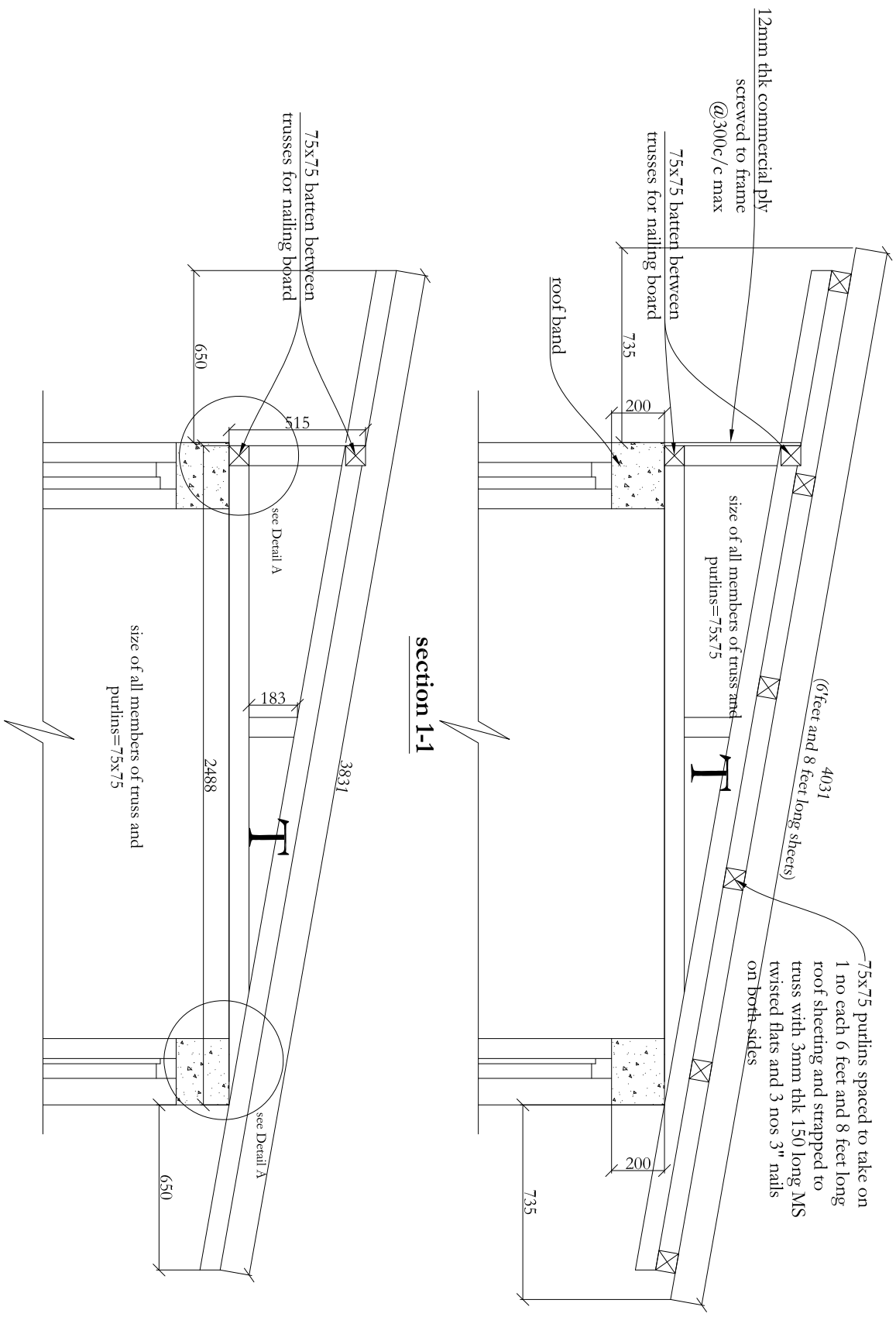
MADE: DWG NO: TOI-02

REV:

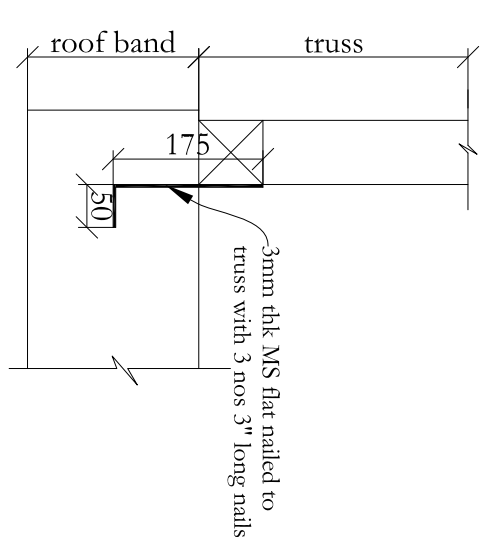


**TRUSS LAYOUT PLAN**

- NOTES:**
1. All dimensions are in mm.
  2. All grid lines are wrt superstructure wall center lines.
  3. All levels are in meters.
  4. Drawings not to be scaled and written dimensions to be followed.



**TRUSS CONFIGURATION DETAILS**



Detail A-truss fixing to roof band detail

This drawing is the property of **L&T Infrastructure Engineering Ltd.** and shall not be used or copied or otherwise made use of either in full or in part by such person or body without our prior permission in writing.

CLIENT: **ROYAL GOVERNMENT OF BHUTAN**  
 Department of Air Transport, Ministry of Information and Communications

DESIGN CONSULTANT: **L&T Infracore Engineering Ltd.**  
 100, TPOONGNAMALLEE ROAD, KOUNTPOONGNAMALLEE, THIMPHU, BHUTAN. Phone: +975-31-222111, Fax: +975-31-222112, Email: [info@l&tinfra.com](mailto:info@l&tinfra.com)

In JV With **UNITED CONSULTANCY ENGINEERING LTD.**  
 61, JANGSAM TANK, CHANGANGKHA, THIMPHU, BHUTAN. Phone: +975-31-222111, Fax: +975-31-222112, Email: [ucem@united.com](mailto:ucem@united.com)

PROJECT: **DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT**

CLIENT: **DEPARTMENT OF AIR TRANSPORT (DOAT), MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN**

DRAWING: **TOILET**

TITLE: **TRUSS DETAILS**

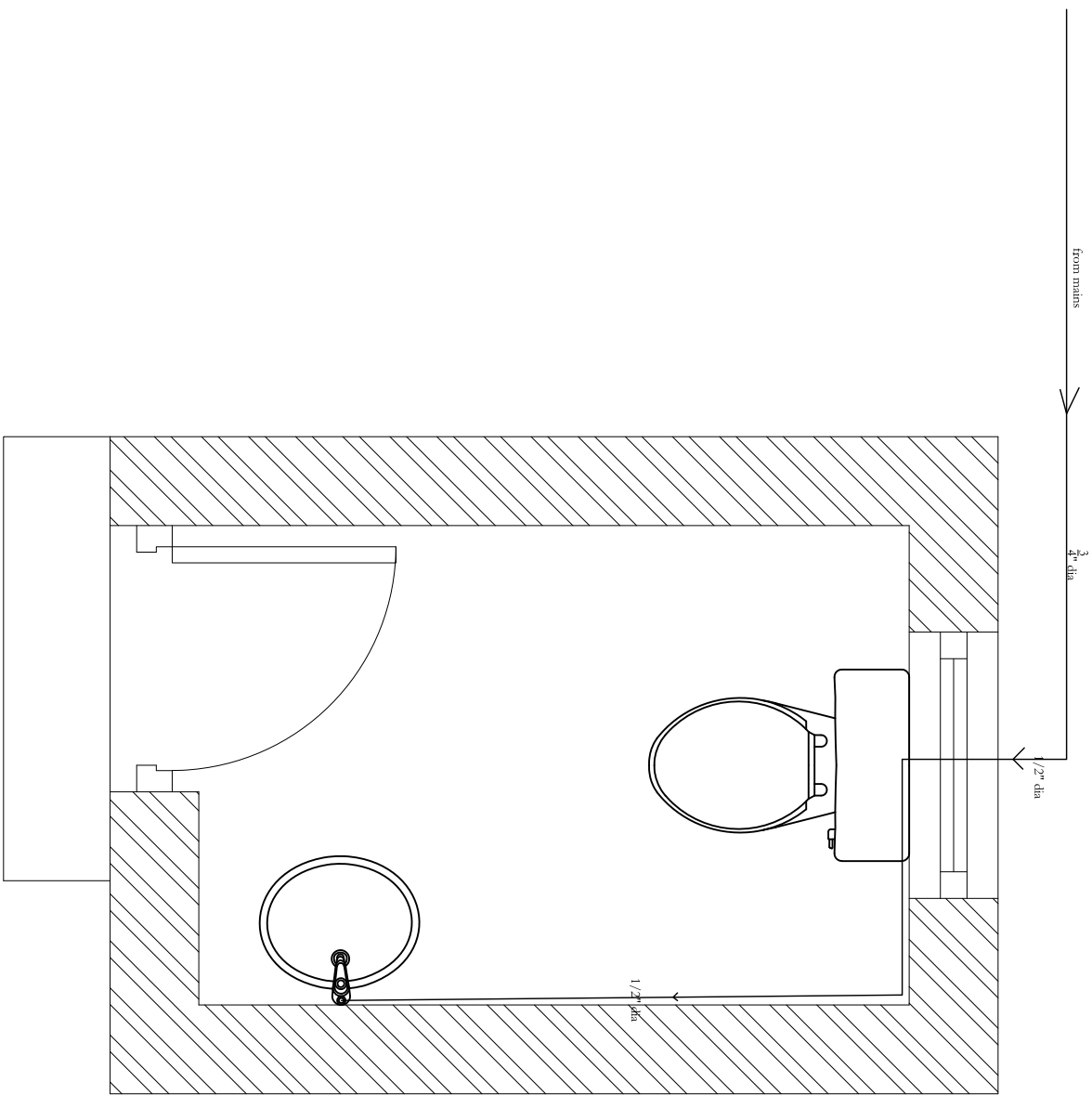
PROJECT NO: \_\_\_\_\_

DATE: **AUG, 2021**

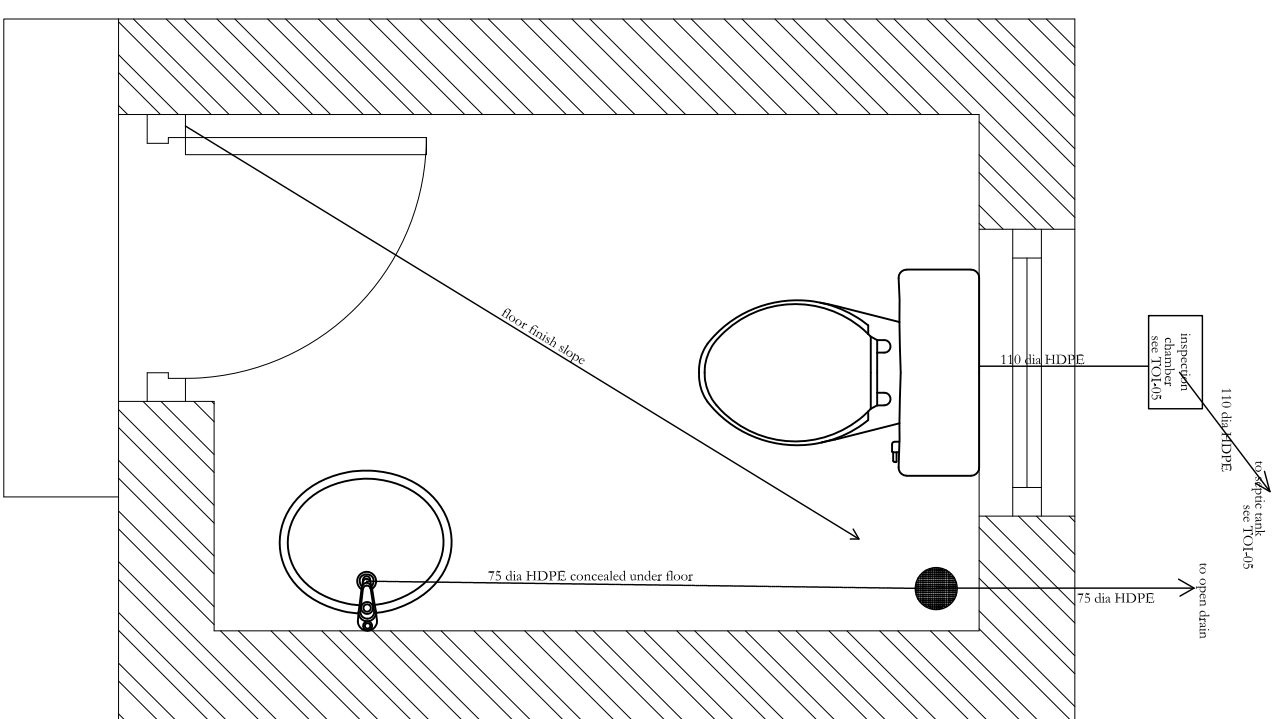
MADE: \_\_\_\_\_

DWG NO: **TOI-03**

REV: \_\_\_\_\_



**water supply plan**



**SANITARY PIPELINE**

- NOTES:**
1. All dimensions are in mm.
  2. All grid lines are wrt superstructure wall center lines.
  3. All levels are in meters.
  4. Drawings not to be scaled and written dimensions to be followed.

This drawing is the property of **L&T Infrastructure Engineering Ltd.** and must not be passed on to any person or body not authorised by us to receive it nor be copied or otherwise made use of either in full or in part by such person or body without our prior permission in writing.

CLIENT: **ROYAL GOVERNMENT OF BHUTAN**

DESIGN CONSULTANT: **L&T Infra**  
 L&T Infrastructure Engineering Ltd  
 7C2 BELUR ROAD, BANGALORE  
 MOUNT PLEASANT, MUMBAI-400 009  
 E-mail: [royal@l&tinfra.com](mailto:royal@l&tinfra.com), [website.www@l&tinfra.com](mailto:website.www@l&tinfra.com)

In JV With **UNITED CONSULTANCY**  
 61, JANGSAMI LAM, CHANGANGWADA  
 THIMPHU, BHUTAN  
 PH: +975 91 222222 FAX NO: 323884  
 Email: [royal@umc.com](mailto:royal@umc.com)

PROJECT: **DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT**

CLIENT: **DEPARTMENT OF AIR TRANSPORT (DOAT) MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN**

DRAWING: **TOILET**

TITLE: **WATER SUPPLY AND SANITARY PLANS**

PROJECT NO: \_\_\_\_\_

DATE: **AUG, 2021**

MADE: \_\_\_\_\_

DWG NO: **TOI-04**

REV: \_\_\_\_\_

This drawing is the property of L&I Infrastructure Engineering Ltd. and must not be passed on to any person or body not authorised by us to receive it nor be copied or otherwise made use of either in full or in part by such person or body without our prior permission in writing.

CLIENT: ROYAL GOVERNMENT OF BHUTAN

DESIGN CONSULTANT: L&I Infra  
 L&I Infrastructure Engineering Ltd.  
 7C2 BHEL ROAD, KUNZING, THIMPHU, BHUTAN  
 T: +975 3182 1111, F: +975 3182 1112  
 E: info@l&iinfra.com, website.l&iinfra.com

IN JV WITH: UNITED CONSULTANCY  
 61, JANGSAM TANG, CHANGANGWANGHA, THIMPHU, BHUTAN  
 T: +975 3182 1111, F: +975 3182 1112  
 E: info@ucbhutan.com

PROJECT: DESIGN OF RESURFACING AND EXTENSION OF RUNWAY AT BUNTHANG DOMESTIC AIRPORT

CLIENT: DEPARTMENT OF AIR TRANSPORT (DOAT), MINISTRY OF INFORMATION AND COMMUNICATIONS, ROYAL GOVERNMENT OF BHUTAN

DRAWING: TOILET

TITLE: SEPTIC TANK DETAILS

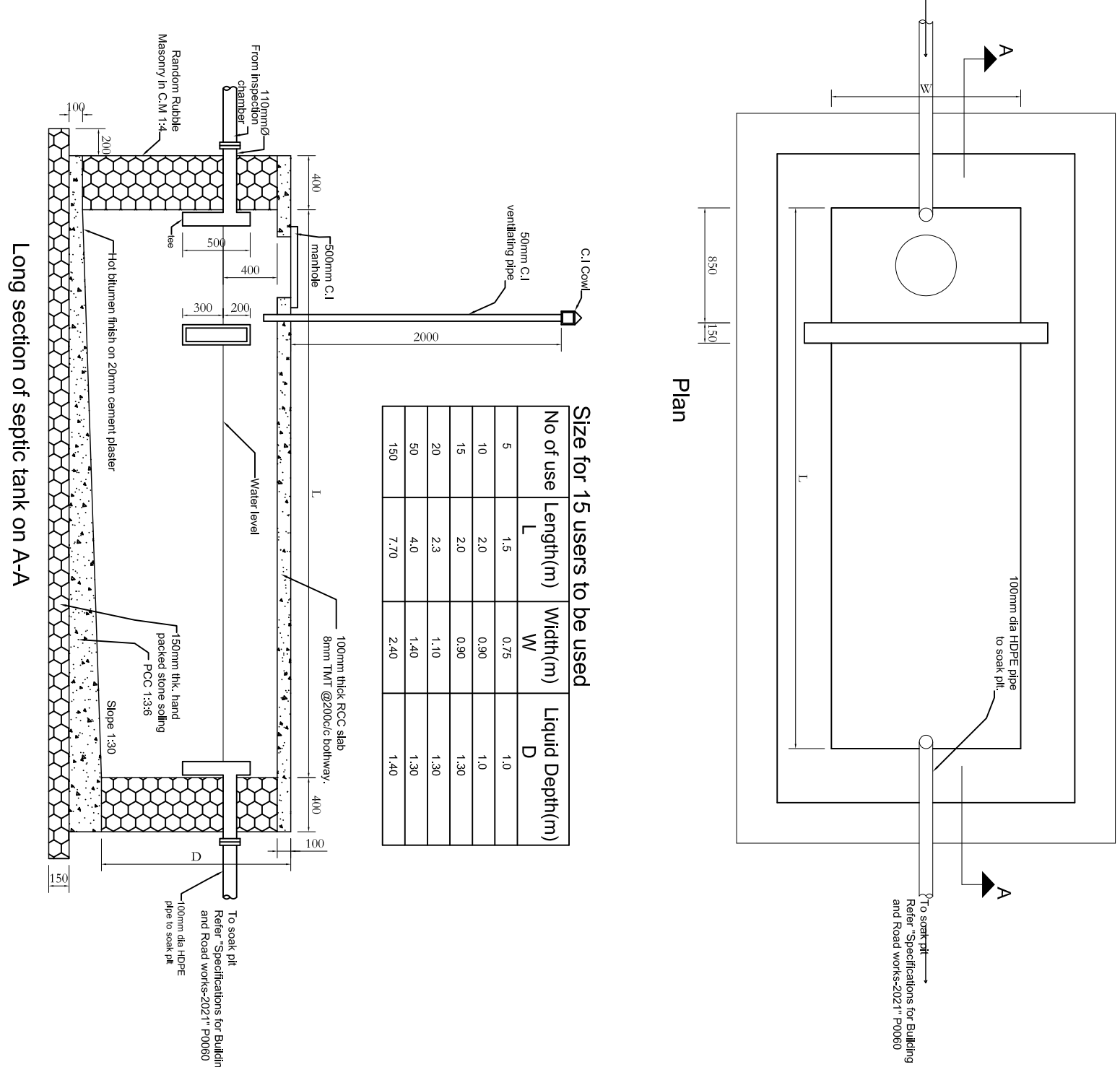
PROJECT NO:

DATE: AUG, 2021

MADE:

DWG NO: TOI-05

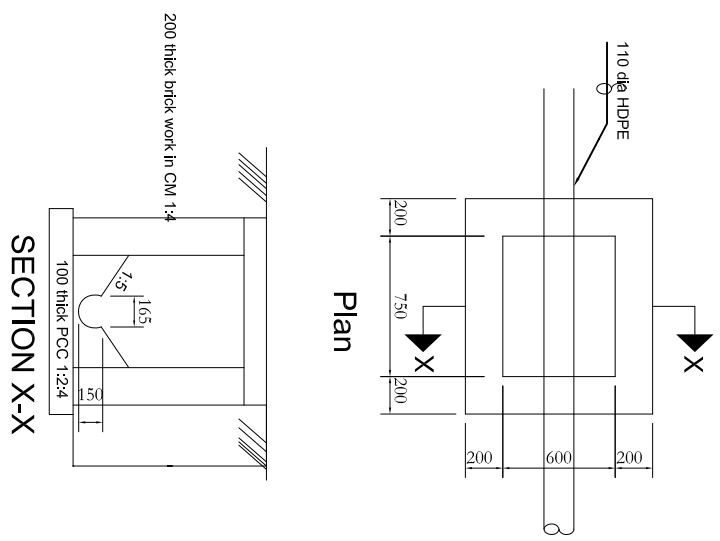
REV:



Size for 15 users to be used

No of use	Length(m) L	Width(m) W	Liquid Depth(m) D
5	1.5	0.75	1.0
10	2.0	0.90	1.0
15	2.0	0.90	1.30
20	2.3	1.10	1.30
50	4.0	1.40	1.30
150	7.70	2.40	1.40

INSPECTION CHAMBER TYPICAL



RCC. Baffle Wall

