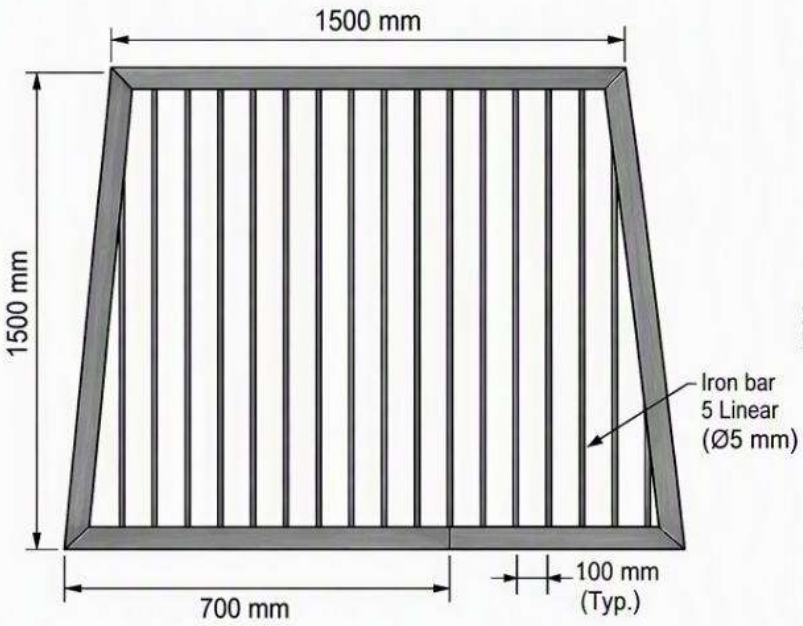
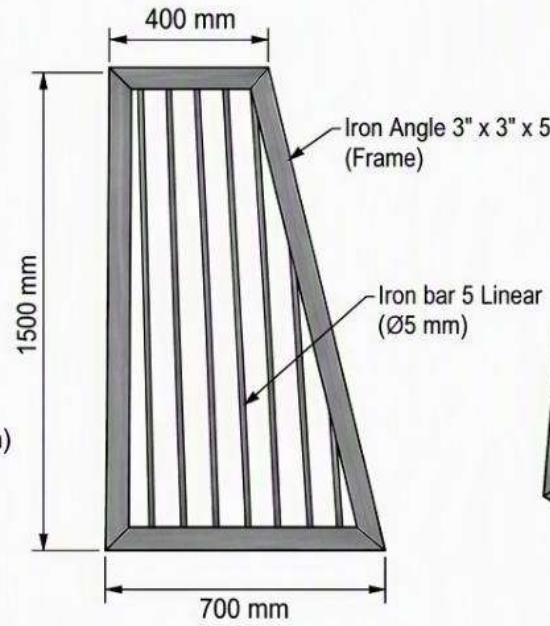
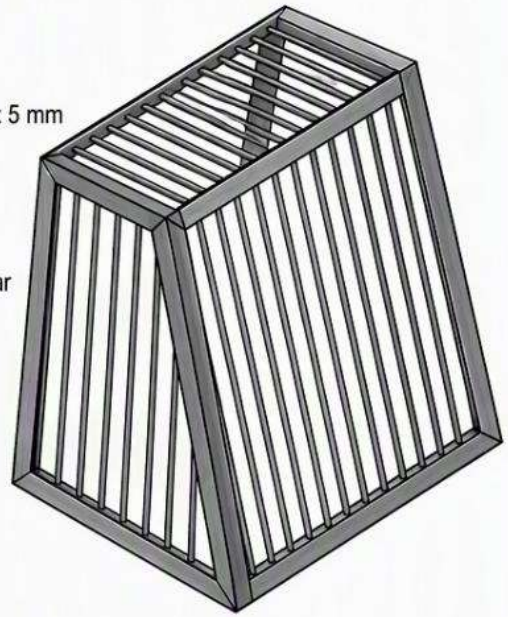
## FRONT VIEW



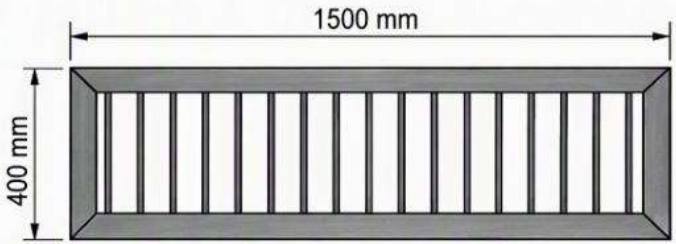

## SIDE VIEW




## ISOMETRIC VIEW

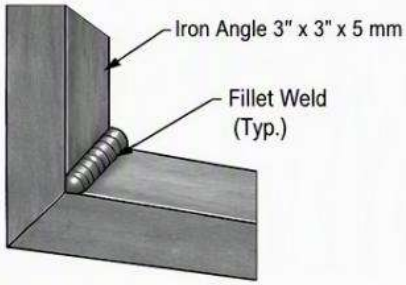


## TOP VIEW




## DETAIL A

FRAME CORNER (TYP.)



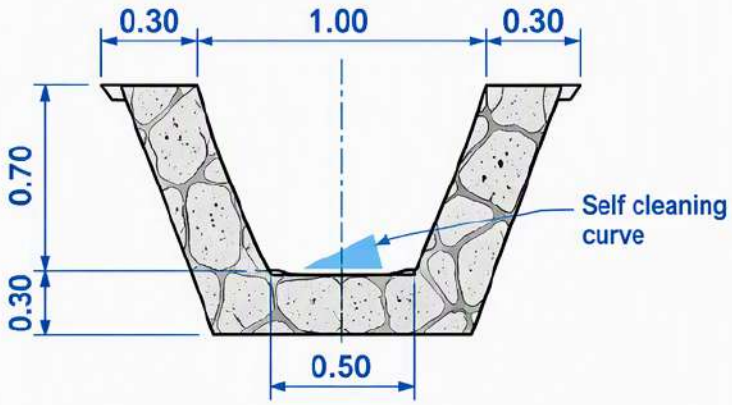

## NOTES:

1. Frame : Iron Angle 3" x 3" x 5 mm
2. Filter bars : Iron bar 5 Linear (Ø 5 mm)
3. Spacing of bars : 100 mm (center to center)
4. All connections shall be fillet welded.
5. Dimensions are in millimeters (mm).
6. Fabricate as per actual site condition.

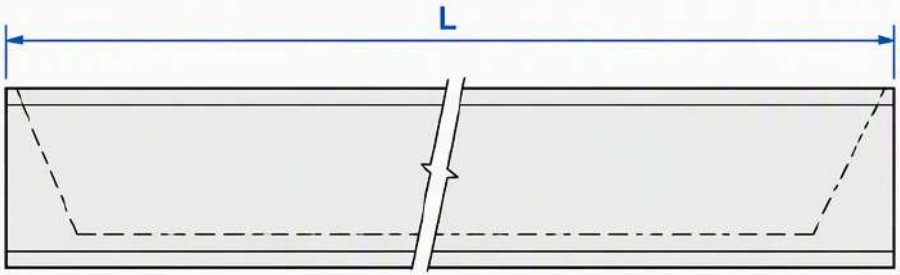
Label: 1

# IRRIGATION CHANNEL INTAKE FILTER

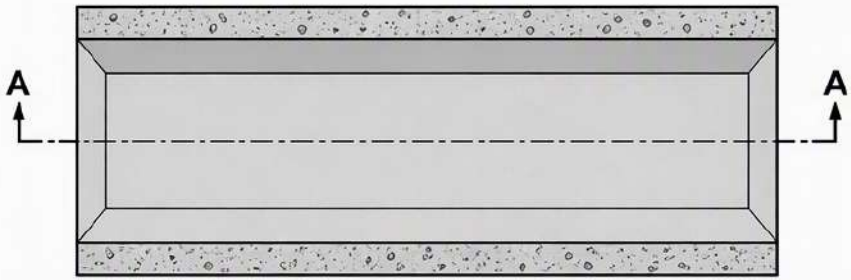
| | | | |
|---|---|---|---|
| SCALE | 1 : 10 | DRAWING NO. | REV. |
| UNIT | mm | ICF - 001 | 0 |
| DRAWN | - | | |
| DATE | - | | |



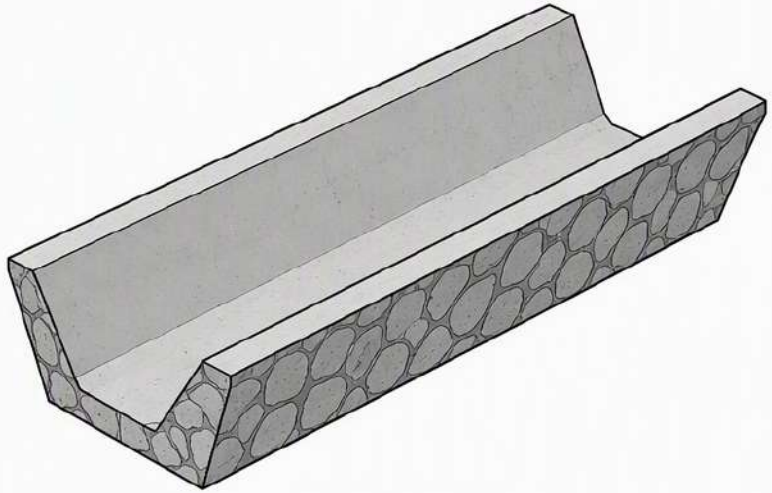

FRONT VIEW (SECTION A-A)




SIDE VIEW (ELEVATION)




TOP VIEW (PLAN)



ISOMETRIC VIEW

**NOTES:**

1. All dimensions are in meters (m).
2. L = Channel length (as per site requirement).
3. The inner bottom is a self-cleaning curve (Nertiti profile).
4. Wall and base material: concrete with stone facing (as shown).

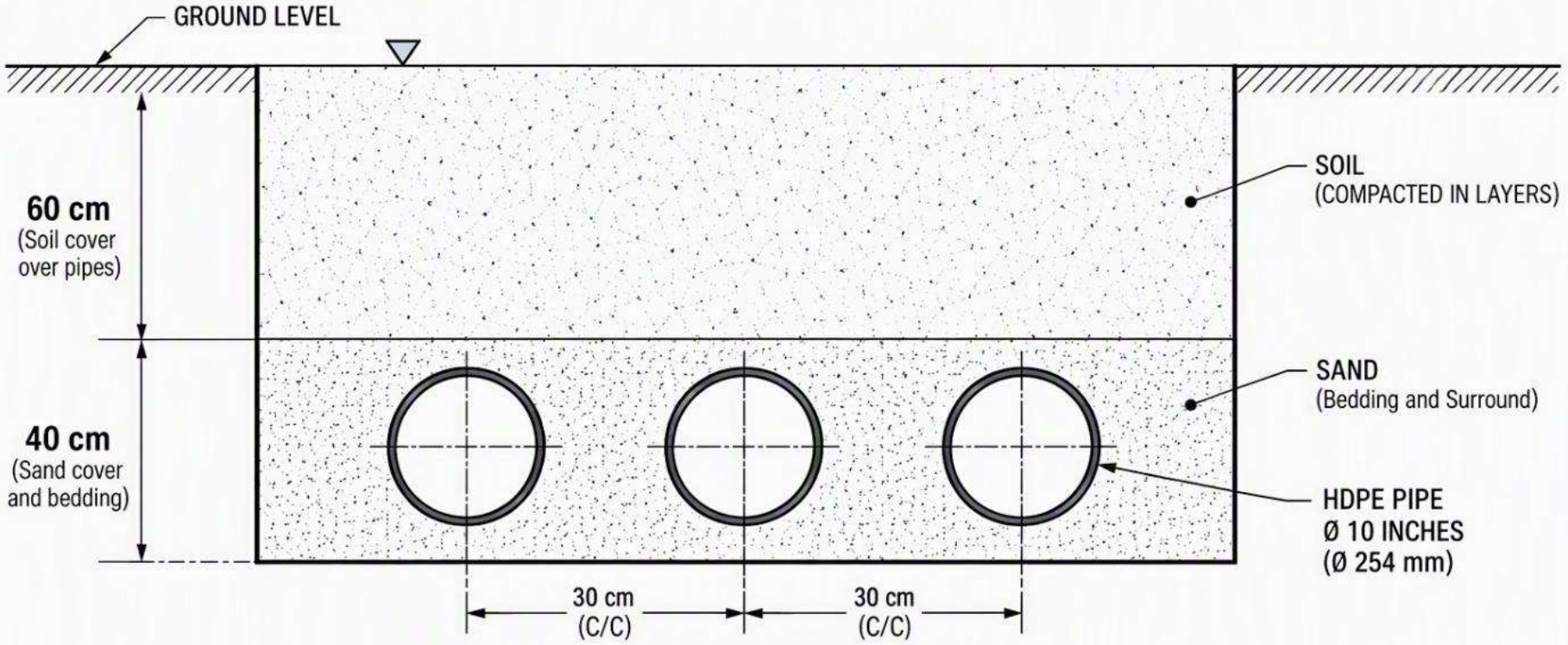
Label: 2

# NERTITI TRAPEZOIDAL CHANNEL

## GENERAL ARRANGEMENT

| SCALE | UNITS | DRAWING NO. | SHEET |
|---|---|---|---|
| 1 : 20 | METERS | NTC-001 | 1 OF 1 |

# TYPICAL SECTION FOR BACKFILLING OF HDPE PIPES (3 PIPES) UNDER GROUND

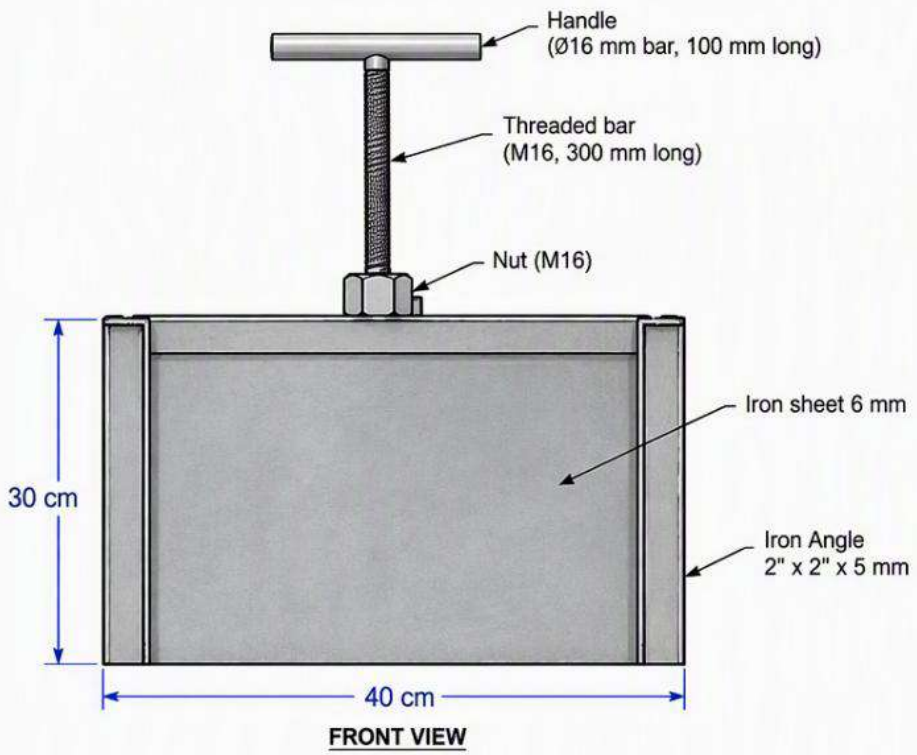



**NOTES:**

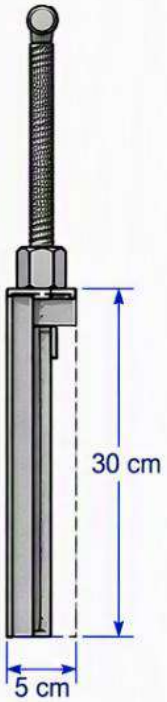
1. All dimensions are in centimeters (cm) unless otherwise noted.
2. Provide 40 cm sand bedding and cover around the HDPE pipes.
3. Provide minimum 60 cm compacted soil cover above the pipes.
4. Maintain 30 cm center-to-center spacing between adjacent pipes (typical).
5. Backfill to be placed in layers and compacted as per project specifications.
6. Drawing is typical and to be read in conjunction with project specifications.

Label: 3

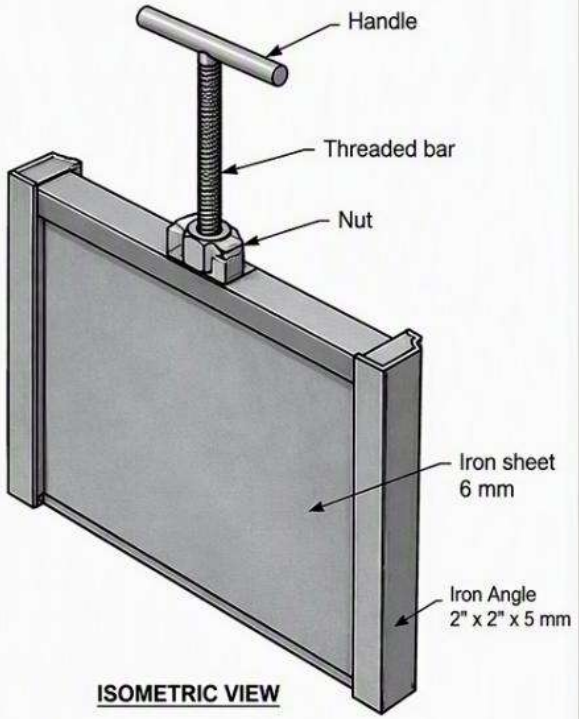
| TITLE: | SCALE: |
|---|---|
| **TYPICAL SECTION FOR BACKFILLING OF HDPE PIPES (3 PIPES) UNDER GROUND** | NTS |
| | DRAWING NO.: CIV-002 |



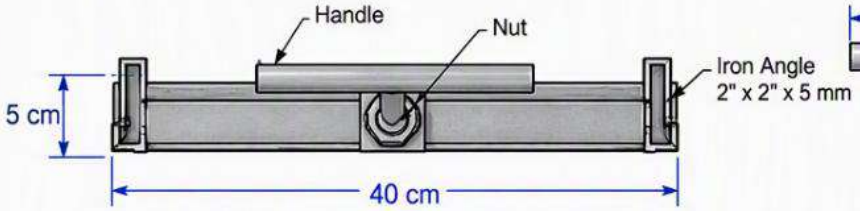

FRONT VIEW



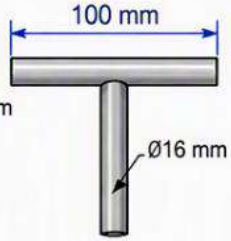

SIDE VIEW



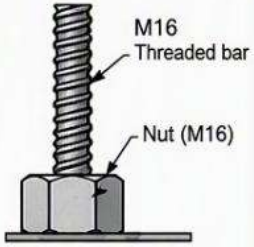

ISOMETRIC VIEW




TOP VIEW




DETAIL : HANDLE




DETAIL : NUT AND ROD

**SPECIFICATIONS :**

| | | |
|---|---|---|
| 1. | Clear opening (width) | : 40 cm |
| 2. | Gate height | : 30 cm |
| 3. | Gate plate material | : Iron sheet 6 mm |
| 4. | Frame material | : Iron angle 2" x 2" x 5 mm |
| 5. | Lift mechanism | : Threaded bar (M16) |
| 6. | Handle | : Round bar Ø16 mm, 100 mm long |
| 7. | Nut | : M16 |

8. All joints to be welded
9. All dimensions are in centimeters (cm) unless otherwise indicated.

Label: 4

# CHANNEL GATE IRRIGATION

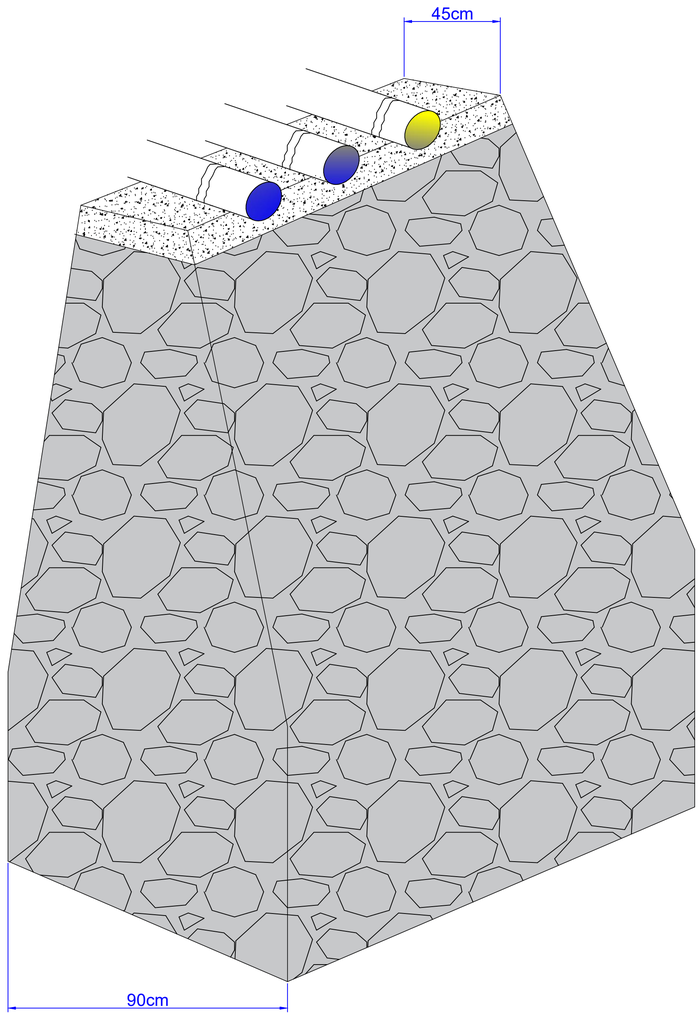
SCALE : 1 : 5

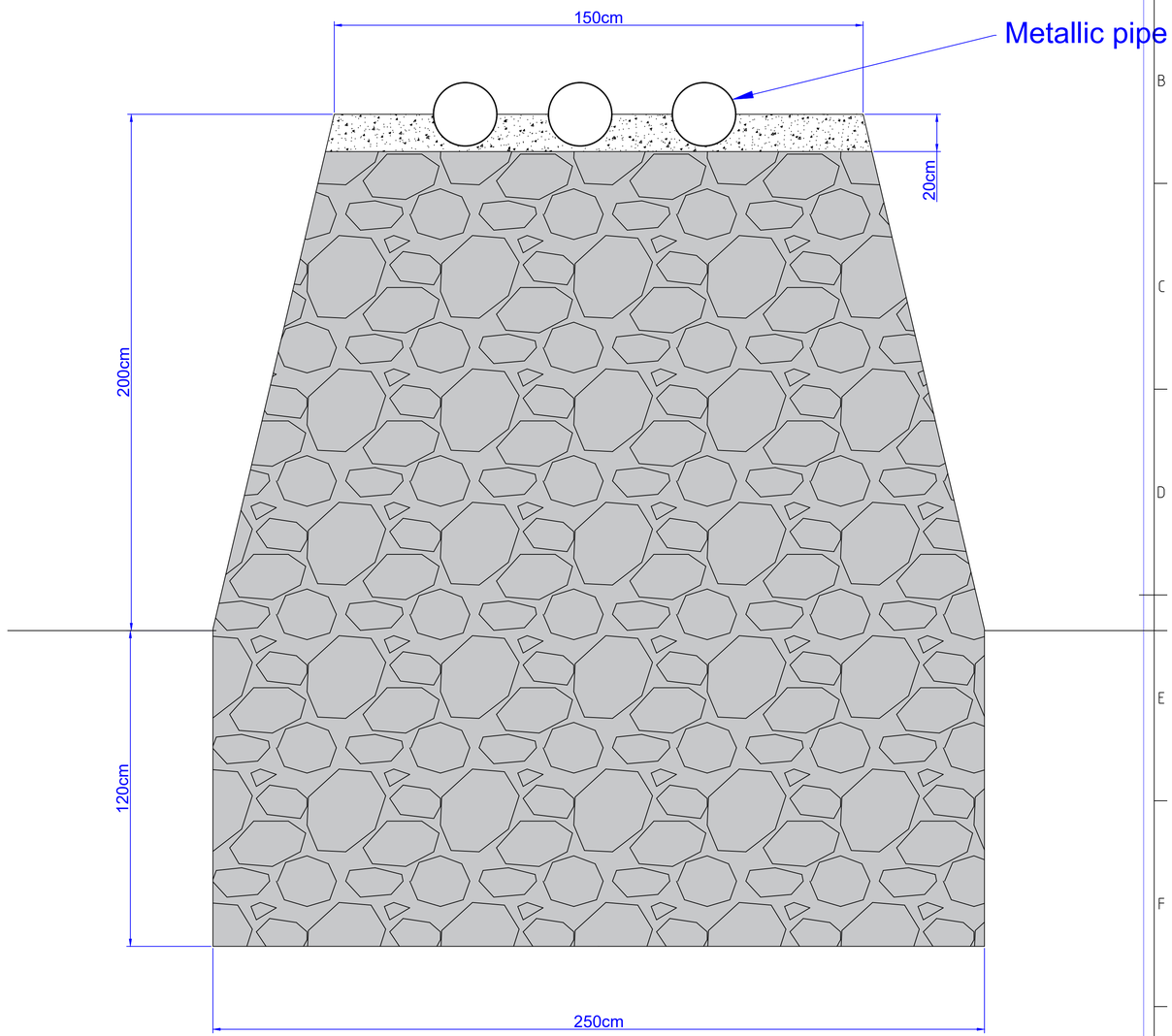
DATE : _____



Label: 5

| RevNo | Revision note | Date | Signature | Checked |
|---|---|---|---|---|



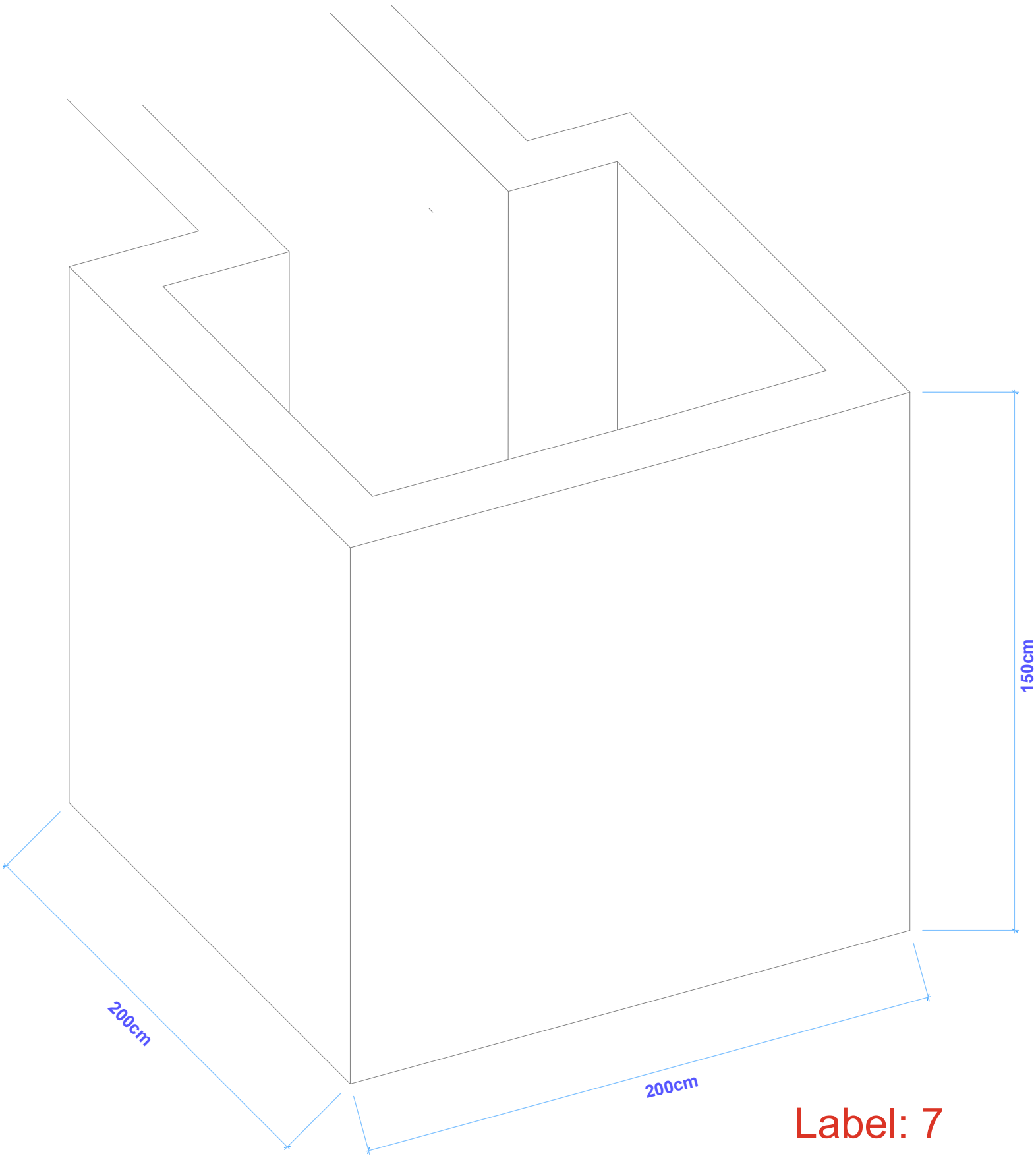




# Anchoring wall for pipes

Label: 6

| Itemref | Quantity | Title/Name, designation, material, dimension etc | | | | Article No./Reference | |
|---|---|---|---|---|---|---|---|
| Designed by XXX | | Checked by XXX | Approved by - date XXX - 00/00/00 | Filename XXX | | Date 00/00/00 | Scale 1:1 |
| XXX | | XXX | | | | | |
| | | X | | | Edition 0 | Sheet 1/1 | |

# Basin for pumping of water:




Label: 7