

101 9/4

ORIGINAL

Section -8

DRAWINGS

ORIGINAL

KETAWALAMULLA ROAD

EX.MH

Proposed MH
Vent shaft

UPVC
160mm
gravity
line

1000 type UPVC 110mm

133/3

133/5

Septic tank with pump

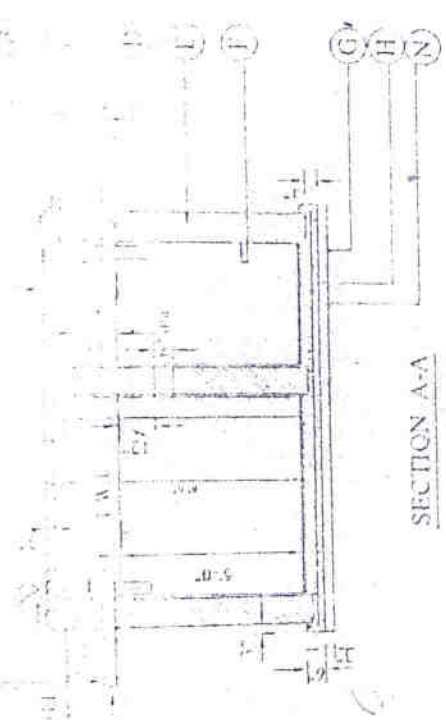
133/6

133/7

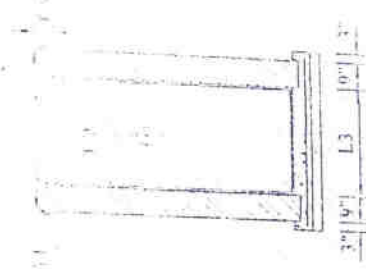
DRAWN BY	S. S. H. H. H. H. H.
CHECKED BY	S. S. H. H. H. H. H.
DESIGNED BY	S. S. H. H. H. H. H.
SCALE	AS SHOWN
DATE	10/10/2017
DRAWING NO.	101_101_101_101_101_101

DRAWING TITLE: LAYOUT

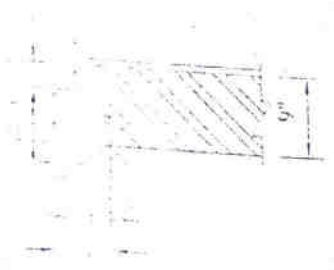
Project : CONSTRUCTION OF NEW SEWER SYSTEM FORCE MAIN AT
KETAWALAMULLA ROAD, COLOMBO 10



SECTION A-A
SCALE - 4 FEET TO AN INCH



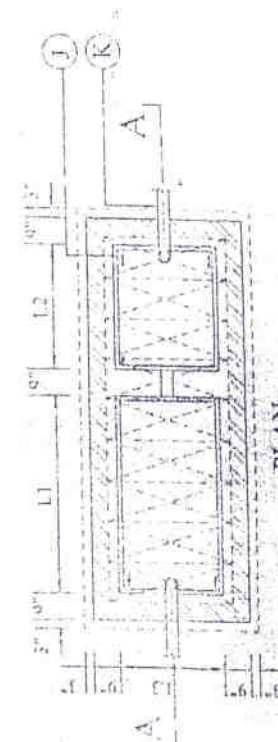
SECTION B-B
SCALE - 1 FEET TO AN INCH



DETAIL AT X
SCALE - 1 FEET TO AN INCH



PLAN OF COVER
SCALE - 1/8" FULL SIZE



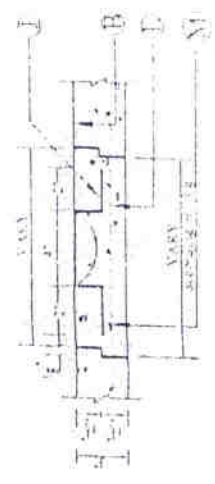
PLAN
SCALE - 4 FEET TO AN INCH

PERSONS	DIMENSIONS OF SEPTIC TANKS			
	L1-L2	L1	L2	L3
30	7'-0"	4'-6"	2'-6"	3'-0"
40	8'-0"	5'-0"	3'-0"	-DO-
50	9'-0"	5'-6"	3'-6"	-DO-
60	10'-0"	6'-0"	4'-0"	-DO-
70	11'-0"	6'-6"	3'-6"	-DO-
80	12'-0"	7'-0"	4'-0"	-DO-
90	12'-0"	7'-6"	4'-6"	-DO-
100	12'-0"	8'-6"	4'-6"	-DO-

- (A) PVC INLET PIPE
- (B) 3" THICK CONCRETE COVER SLAB
- (C) 1/2" THICK METAL CURB
- (D) INTERNAL FACE OF SEPTIC TANK TO BE REINFORCED IN PLASTER
- (E) WATER PROOFING AGENT (TRISOLAR OR SIMILAR)
- (F) SECOND LAYER OF PLASTER SHOULD BE FINISHED SMOOTHLY
- (G) 6" THICK BASE SLAB
- (H) 1/2" THICK STEEL BARS AT 9" C/S BOTHWAYS
- (I) 2" NO. 5 SLABS ABOVE INLET AND OUTLET TO BE WITH 2" NO. 5 LIFTING IRONS AS PER DETAIL SECTION C-C
- (J) ALL OTHERS WITHOUT LISTING
- (K) PVC OUTLET PIPE
- (L) 6" THICK CONCRETE BARS AT 12" C/S
- (M) 1/2" THICK LEAN CONCRETE
- (N) 3" THICK LEAN CONCRETE

* SEPTIC TANK TO BE FILLED WITH WATER UP TO 75% BEFORE BEING PUT INTO USE

SECTION D-D
SCALE - 1/8" FULL SIZE

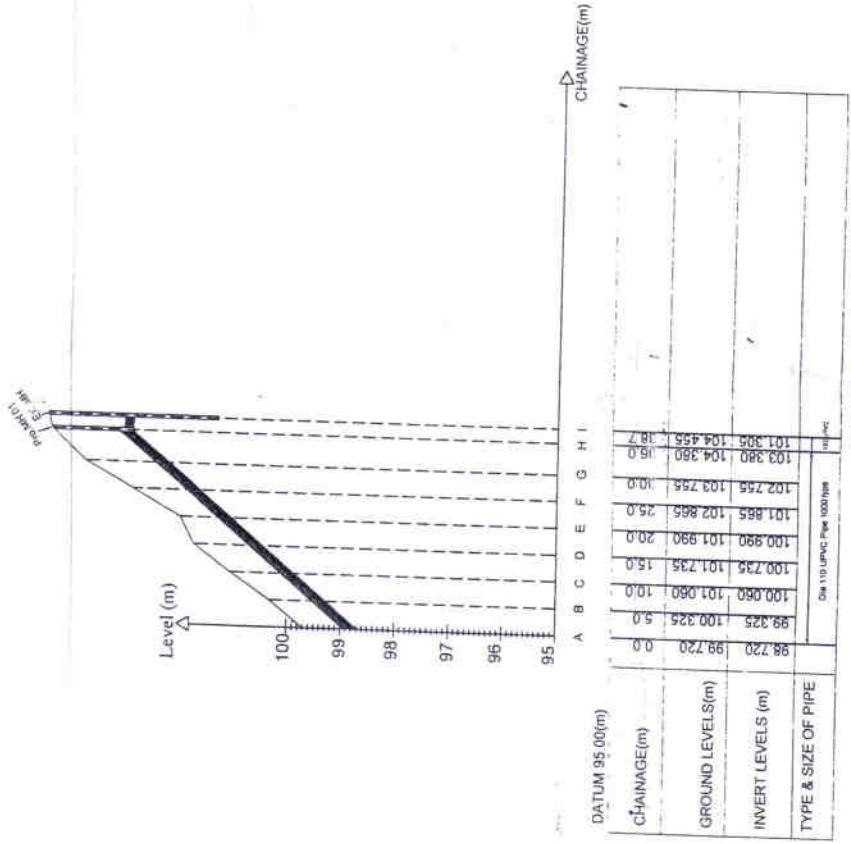


SECTION C-C
SCALE - 1/8" FULL SIZE

ORIGINAL

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ORIGINAL

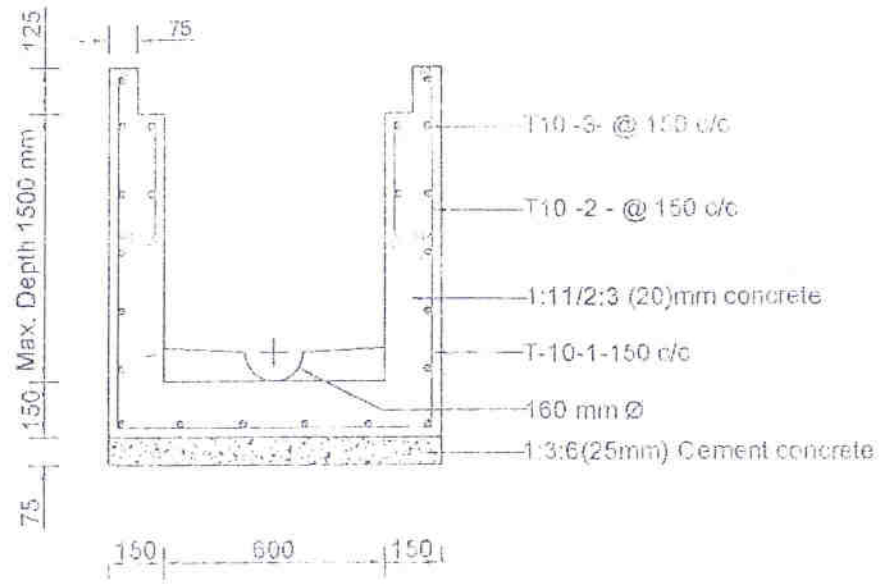


DRAWN BY: K.K.N.Mohana
 CHECKED BY: Eng. R. Sumanan
 APPROVED BY: Eng. (Mrs.) M.D. Wijethilaka
 SCALE: HORIZONTAL 1 : 1000, VERTICAL 1 : 100
 DATE: 20.10.2021
 DRAWING NO: PECDRMA5W18120214.5

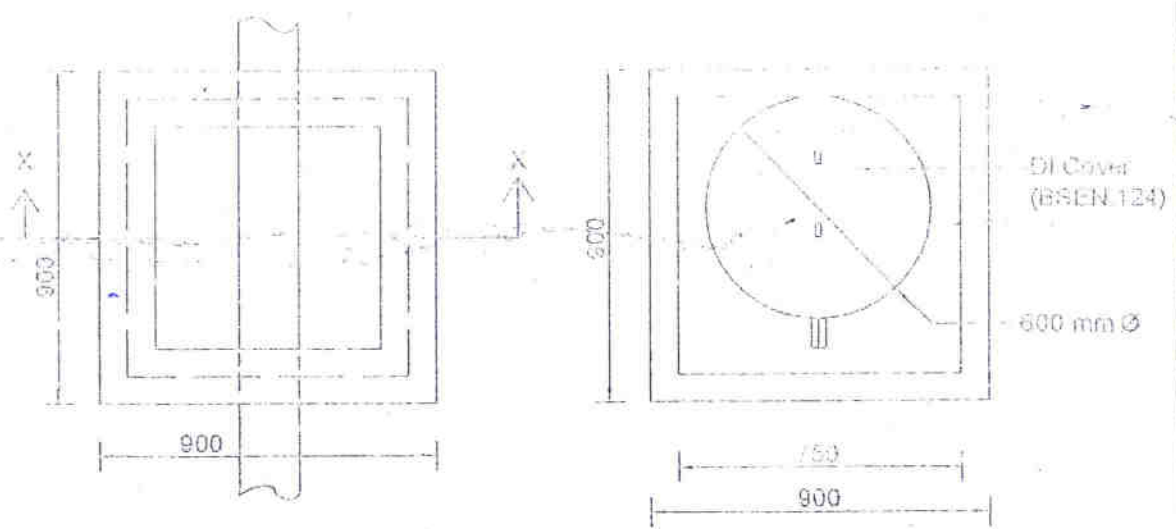
DRAWING TITLE: LONGITUDINAL SECTION

Construction of Sewer System Force Main at Ketawalamulla Road, Colombo 10

ORIGINAL



SECTION X-X



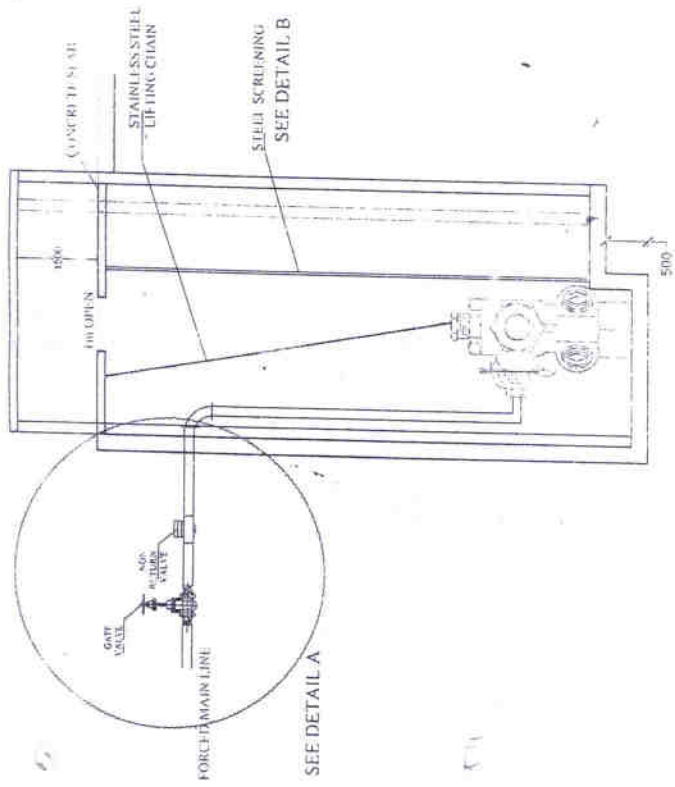
PLAN VIEW
(Bottom)

COVER SLAB
(With DI Cover)

NOTE: ALL DIMENSIONS ARE IN mm

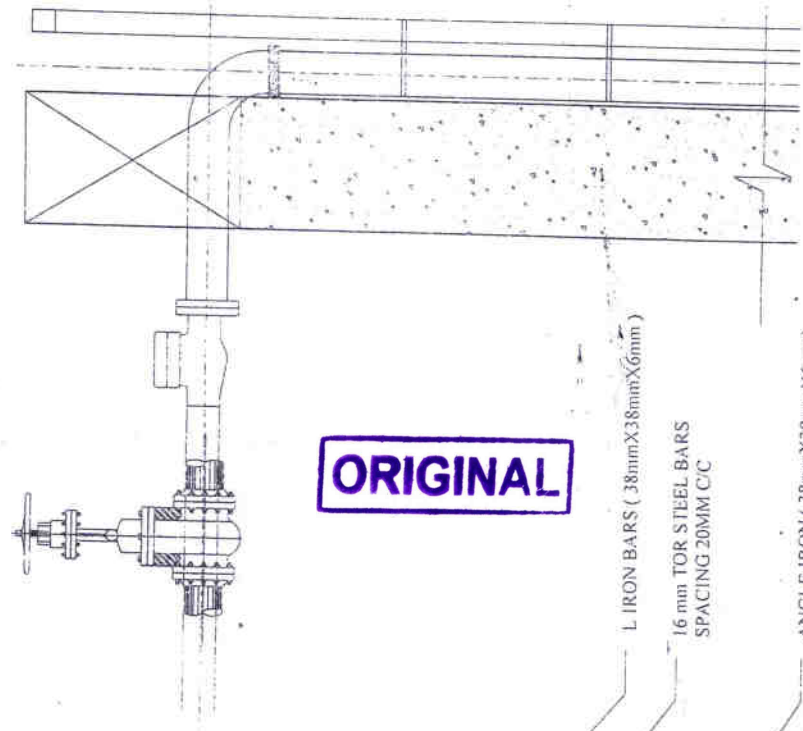
DRAWING TITLE : SEWER MANHOLE 600 mm X 600 mm
(DI Cover Slab)

SCALE : 1 : 20

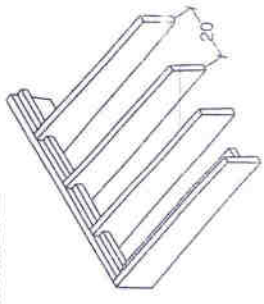


SECTION

DETAIL A



DETAIL B

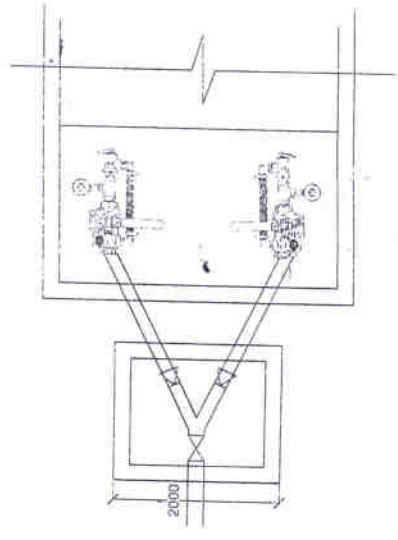


ORIGINAL

L IRON BARS (38mmX38mmX6mm)

16 mm TOR STEEL BARS
SPACING 20MM C/C

ANGLE IRON (38mmX38mmX6mm)
SPACING 225mm C/C



PLAN

STEEL SCREENING DETAIL

DRAWING NO. :	DELTA/MS/18	DRAWN BY :	K.K.RANDISHA
DRAWING TITLE :	DELTA/MS	ENG. : R.GANESHWAN	
DRAWING NO. :	DELTA/MS/18/001	RECHECKED BY :	D.D.Eng (Mrs.) N.D.Wijebhiso
		APPROVED BY :	Director Eng. RAJ.P.Pillayawaka

COLOMBO MUNICIPAL COUNCIL
WATER SUPPLY AND DRAINAGE DIVISION
MADUGAKANDA,
COLOMBO 10.

PROJECT : CONSTRUCTION OF NEW WATER MAIN LINE
G NO 133,
KUTAWALAVILA ROAD,
COLOMBO 10

ORIGINAL

SECTION 9
STANDARD FORMS (BID)

Note:

It is the responsibility of bidders to comply with all the requirements given in the bidding document. Failure to non compliance with any of the may be a reason for rejection of the bid.

Notes on Standard Forms:

- Bidders shall submit the completed form of bid security/Bid Securing Declaration as appropriate in compliance with the requirements of the bidding documents.
- Bidders should not complete the Form of Agreement at the time of preparation of bids.
- The successful bidder will be required to sign the Form of Agreement, after the award of contract.
- Any corrections or modifications to the accepted bid resulting from arithmetic corrections, acceptable deviations, or quantity variations in accordance with the requirements of the bidding documents should be incorporated into the Agreement.
- The Form of Performance security, Form of Advance Payment Security and Form of Retention Money Guarantee should not be completed by the bidders at the time of submission of bids.
- The successful bidder will be required to provide these securities in compliance with the requirements herein or as acceptable to the Employer.

FORM OF BID SECURITY

----- [insert issuing agency's name, and address of issuing branch or office]

Beneficiary :Municipal Commissioner, Colombo Municipal Council, Town Hall, Colombo 7

Date :----- [insert (by issuing agency) date]

BID GUARANTEE No: ----- insert (by issuing agency) number]

We have been informed that ----- [insert (by issuing agency) name of the Bidder] (hereinafter called "the Bidder") has submitted to you its bid dated -----] insert (by issuing agency) date] (hereinafter called "the Bid") for improvements to ----- (insert name of contract)for Bids No. ----- (insert reference number of the bid).

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.

At the request of the Bidder, we ----- [insert name of issuing agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- [insert amount in figures] ----- [insert amount on words] upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- a) Has withdrawn its Bid during the period of bid validity specified; or
- b) Does not accept the correction of errors in accordance with the instructions to Bidders (hereinafter "the ITB"); or
- c) Having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) fails or refuses to execute the contract Form, if required, or (ii) fails or refuses to furnish the Performance Security , in accordance with the ITB.

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder: or (b) if the Bidder is not the successful bidder, upon the earlier of the successful bidder furnishing the performance security, otherwise it will remain in force up to -----

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date.

[signature(s) and name(s) of authorized representative(s)]

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SECTION 10
Other documents