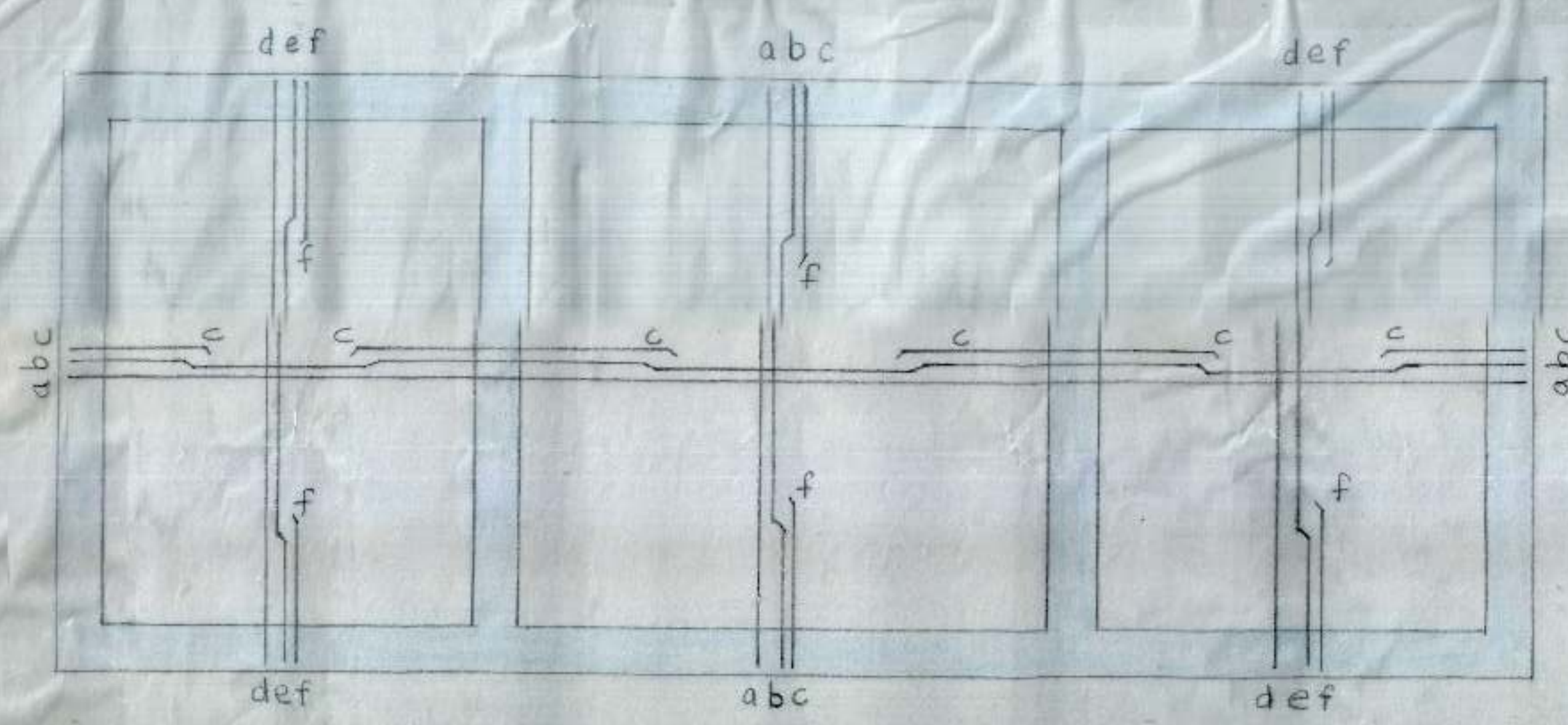


C+ B

NOTES

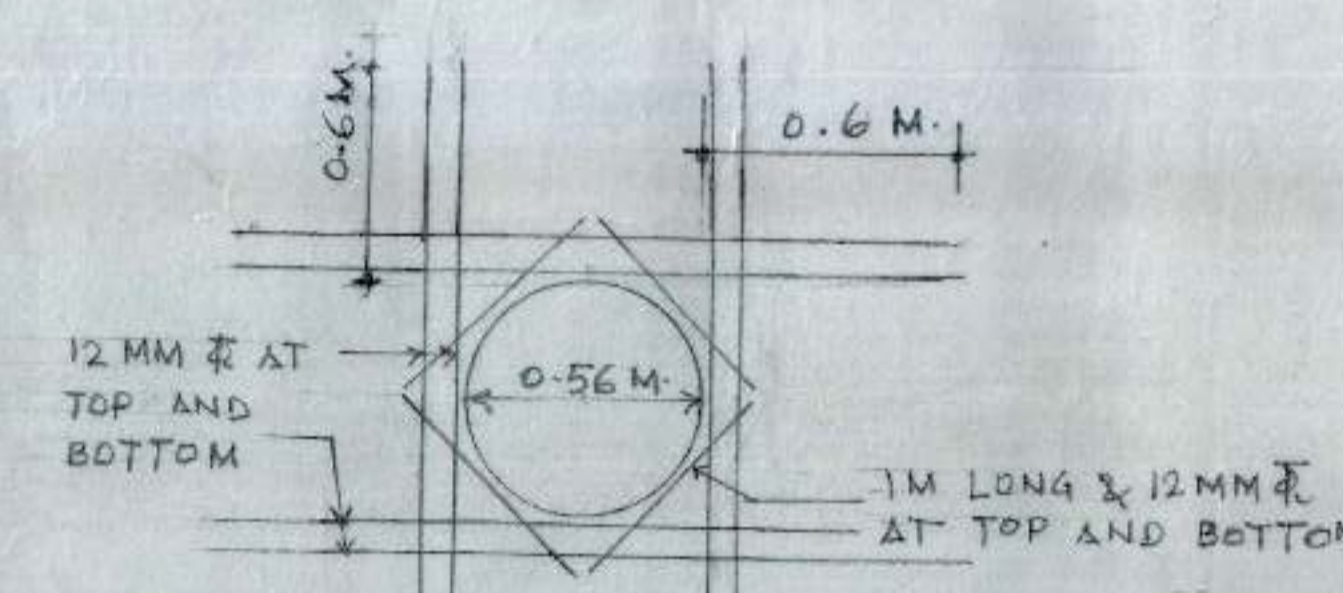
1. USE M-20 CONCRETE.
2. P.C.C. SHALL BE MACHINE MIXED.
3. USE TOR STEEL CONFORMING TO IS 1785-1986 FOR GRADE Fe 415.
4. NET SAFE BEARING CAPACITY OF  $10 \text{ t/m}^2$  HAS BEEN TAKEN FOR DESIGN OF FOUNDATION WHICH SHOULD BE ENSURED AT SITE.
5. FOUNDATION SHALL BE LAID OVER A WELL COMACTED SUB GRADE. ALL LOOSE PATCHES BURROWS, ORGANIC MATTER SHALL BE TAKEN OUT RESULTING SPACE BE FILLED WITH P.C.C. 1:8:16.
6. REINFORCEMENT, ALL CODAL PRDV. LAID IN IS 456-2000 SHOULD STRICTLY FOLLOWED TO ENSURE QUALITY AS PER B.I.S. STD.
7. DIMENSIONS ARE TO BE READ AND NOT SCALED OUT.



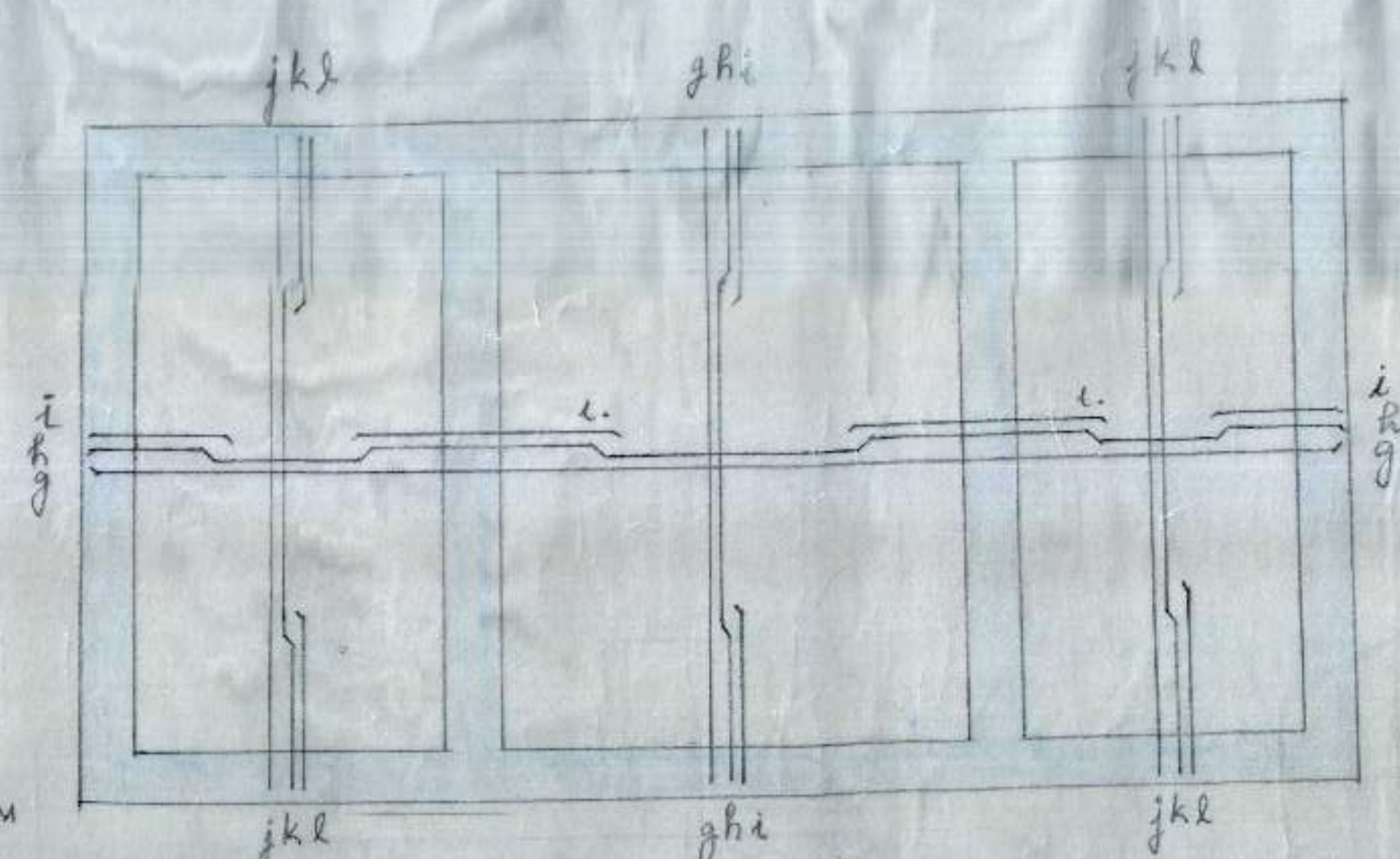
REINFORCEMENT IN COVER SLAB (FOR 7.0 M. X 2.5 M CLEAR SPAN RESERVOIR) (THICKNESS OF SLAB 180 MM)

SLAB THICKNESS - 180 MM

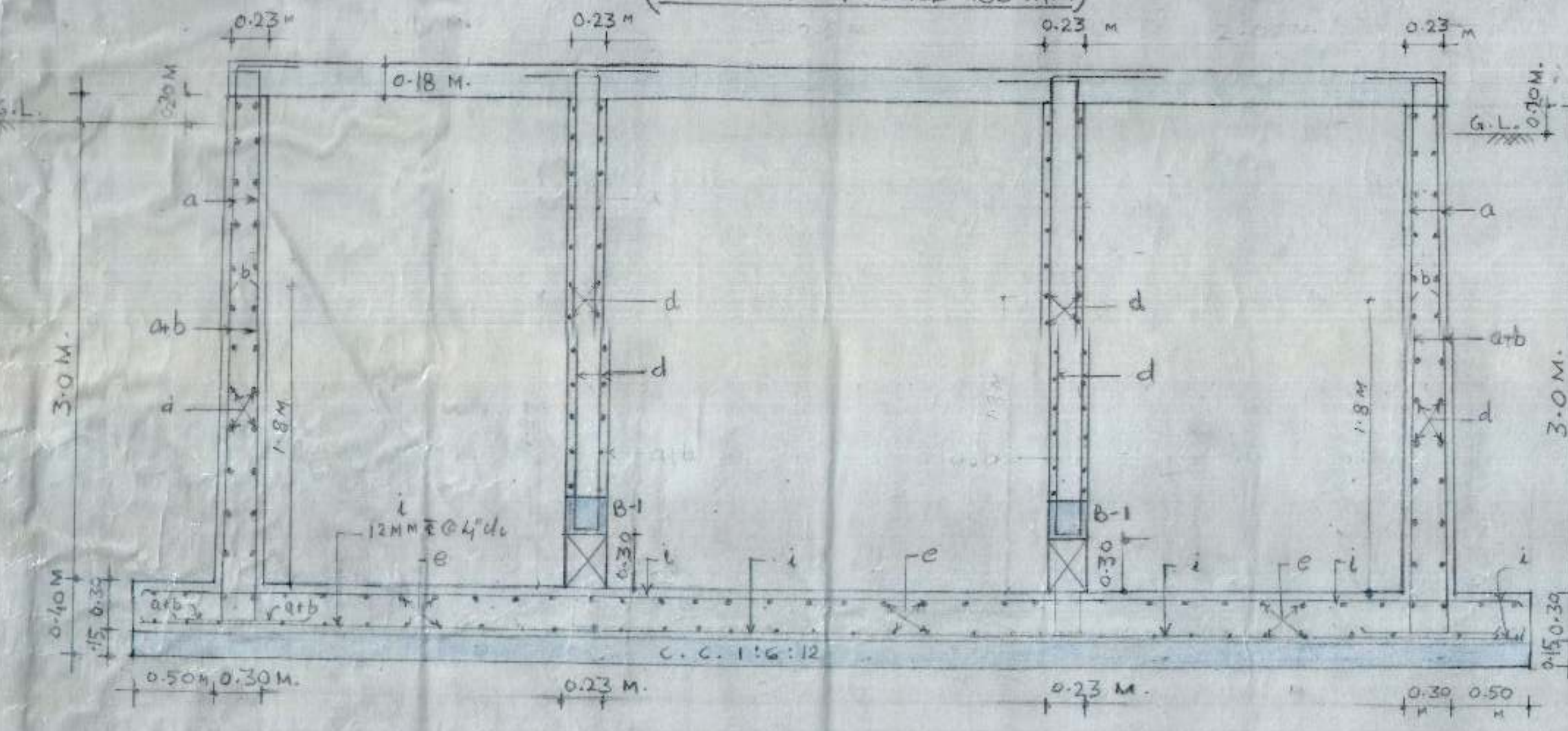
REINFORCEMENT IN SLAB	
a, b, c	12 MM $\Phi$ @ 11" c/c
d, e, f	10 MM $\Phi$ @ 12" c/c
g, h, i	12 MM $\Phi$ @ 9" c/c
j, k, l	10 MM $\Phi$ @ 14" c/c



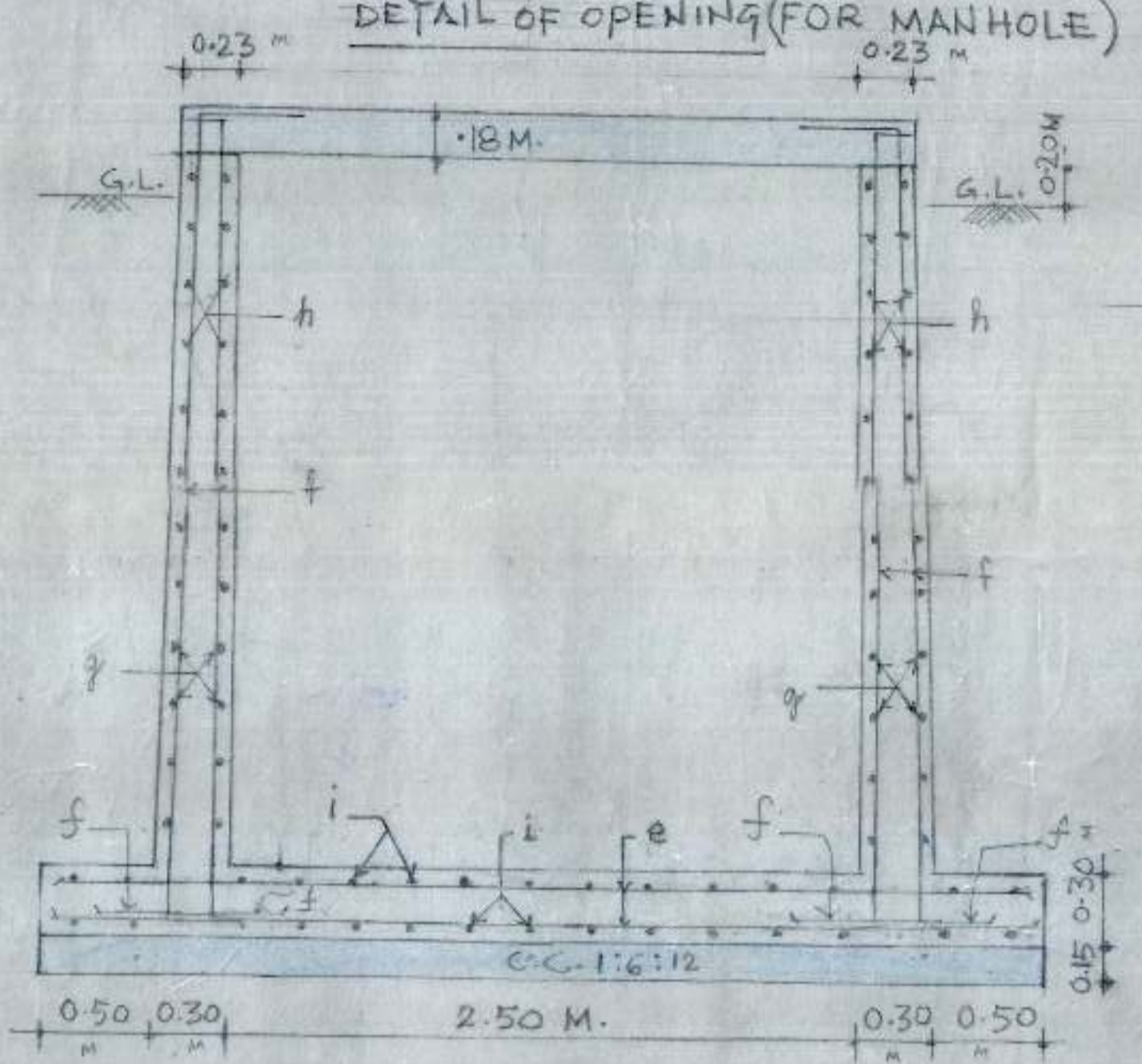
DETAIL OF OPENING (FOR MANHOLE)



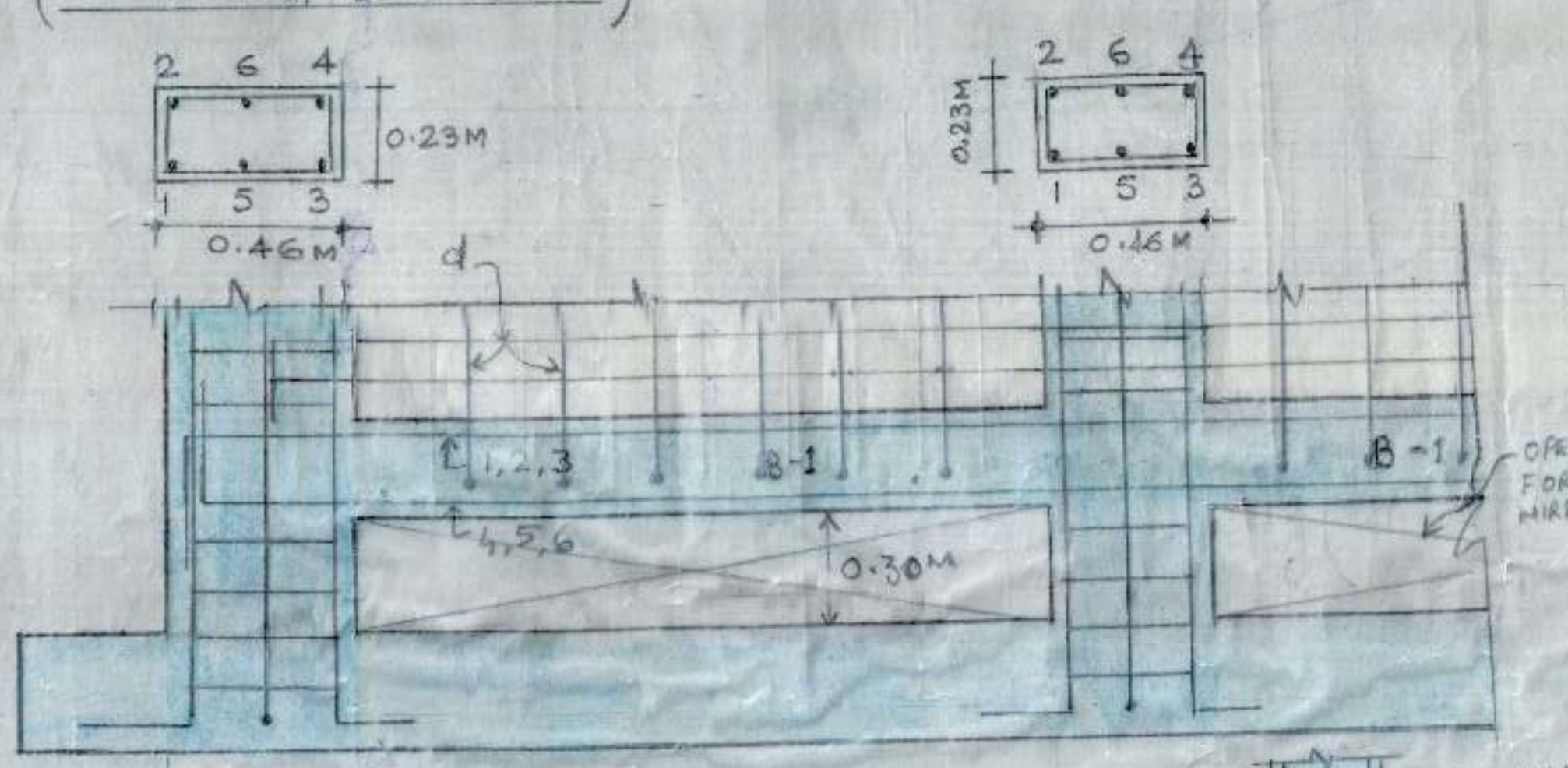
REINFORCEMENT IN COVER SLAB (FOR 5.0 M. X 2.5 M CLEAR SPAN RESERVOIR) (THICKNESS OF SLAB 180 MM)



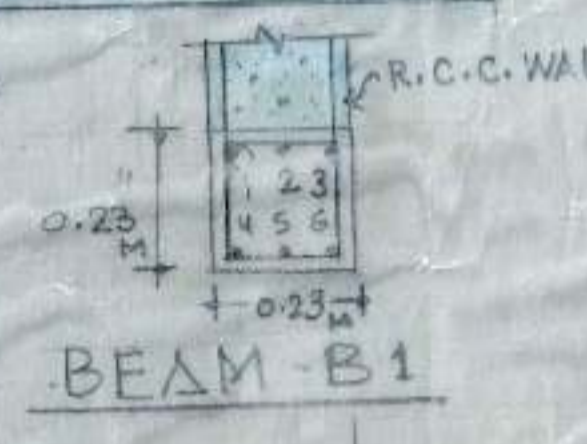
SECTION A-A



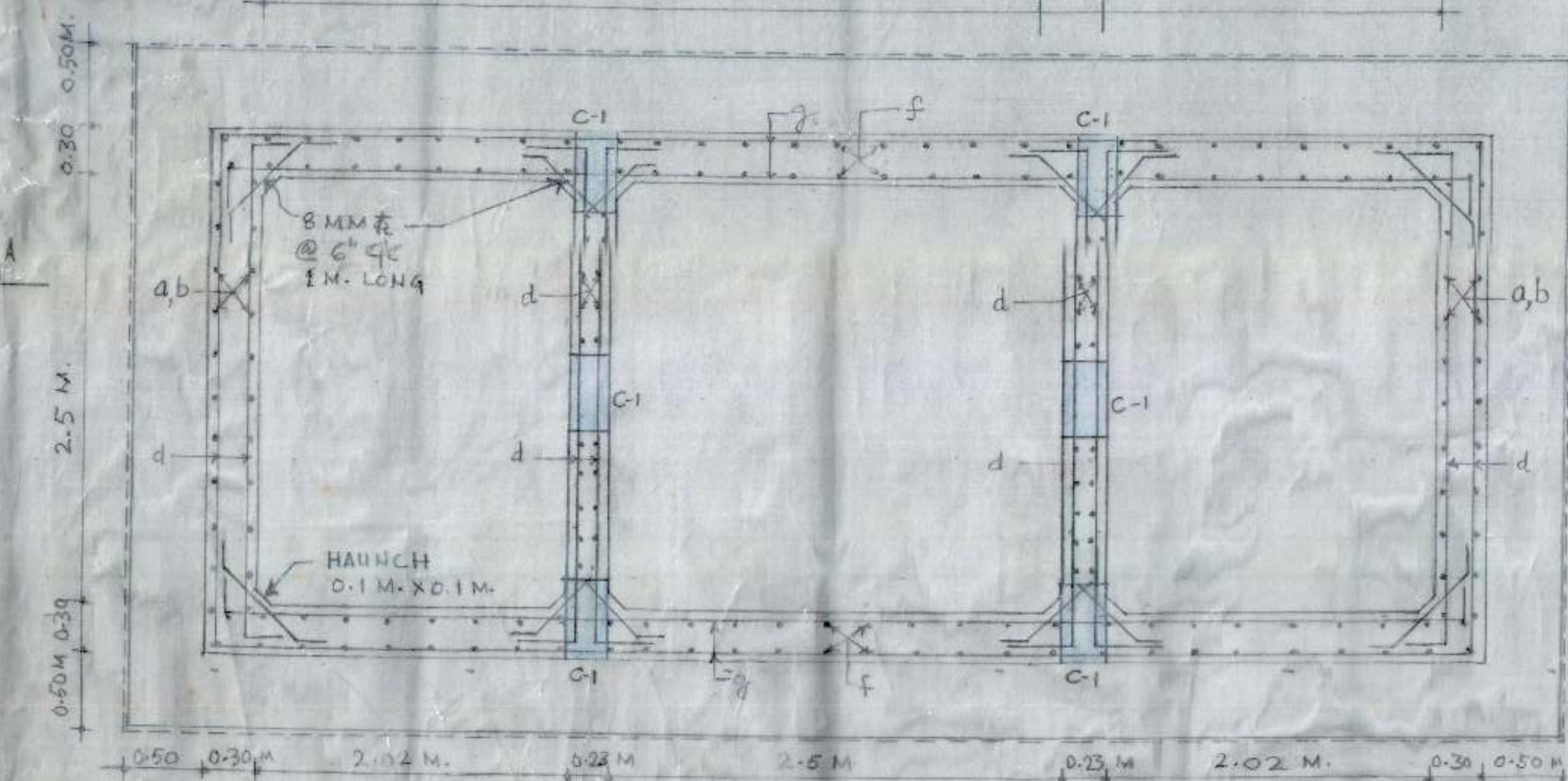
SECTION B-B



COL., BEAM, R.C.C. WALL CONNECTION SECTION C-C



BEAM B-1



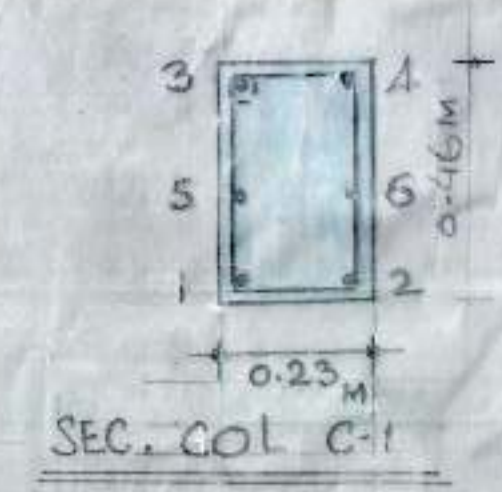
EXCAVATION / FOUNDATION PLAN (JUST ABOVE BASE SLAB)

REINF. IN SECTION A-A

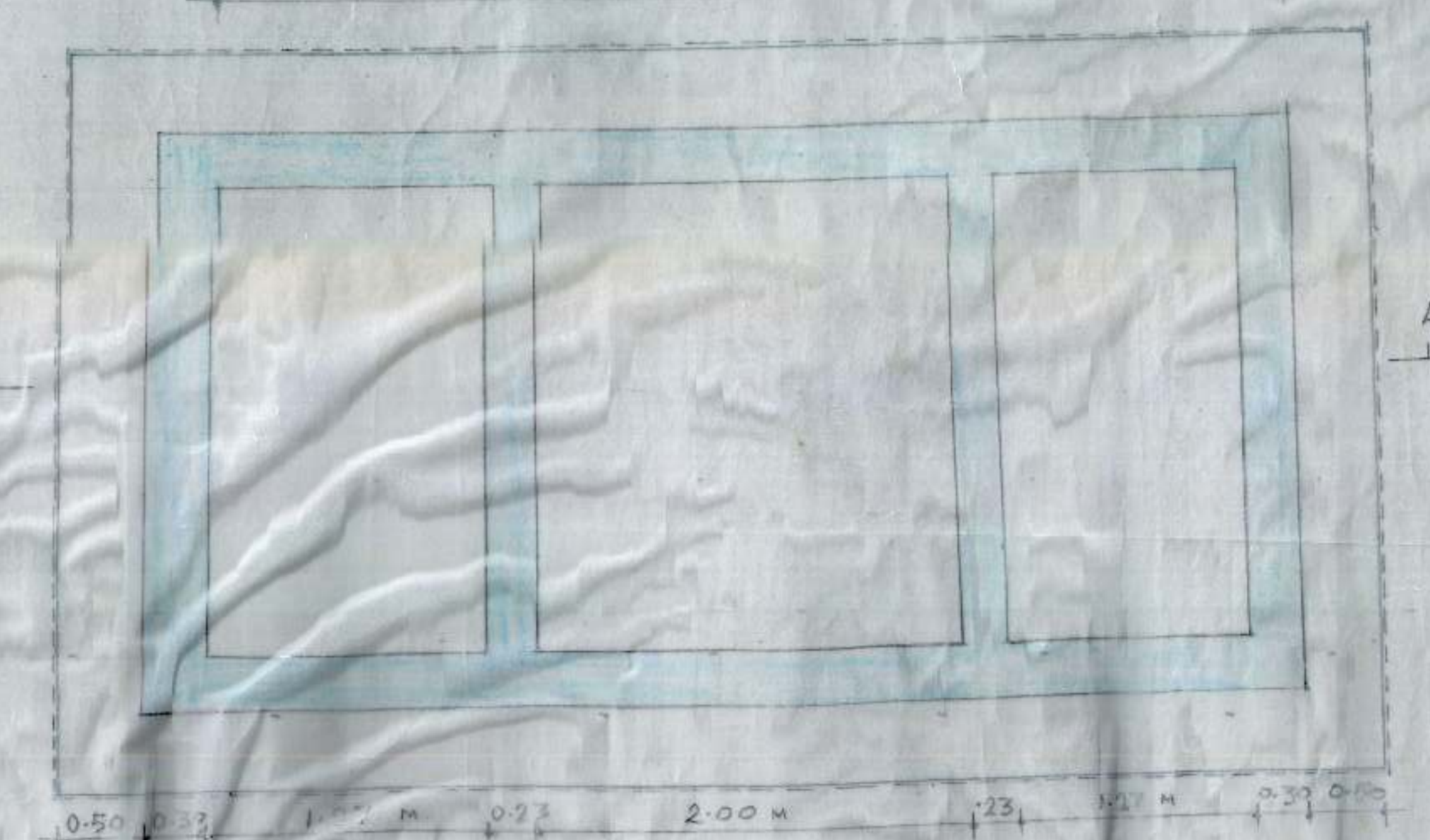
a, b	= 12 MM $\Phi$ @ 8" c/c
d, e	= 10 MM $\Phi$ @ 6" c/c
g, h	= 12 MM $\Phi$ @ 6" c/c
f	= 10 MM $\Phi$ @ 7" c/c
i	= 12 MM $\Phi$ @ 4" c/c

BARS IN COL. C-1

1 TO 6	12 MM $\Phi$
TIES	8 MM $\Phi$ @ 4" c/c



SEC. COL. C-1



EXCAVATION / FOUNDATION PLAN

BARS IN B-1

1 TO 6	12 MM $\Phi$
STPS.	8 MM @ 2 LEGGS. STPS @ 8" TH. OUT.

THIS DRG. SUPERCEDES DRG. NO 1 JOB NO. 124 SUPPLIED VIDE LETTER NO. 50 DATED 27-05-03

Prepared by: A.E.D. (Bharatendra K. N.)  
 E.E.-IV (Sh. B.K. Nigam)  
 Drawn by: (Sh. Pawan Kumar)

STRUCTURAL DESIGN OF ARTIFICIAL RECHARGE STRUCTURE TO BE CONSTRUCTED IN HOUSING BOARD COLONIES

Job No	DRG. No	DATE
124	1(R)	MAY 2003