



PROPOSED RESIDENTIAL FLAT  
 IN PLOT NO. 83, 84, 99 & 100, IN  
 S.NO.2/I AT MOHAMED HUSSAIN  
 COLONY, KOLATHUR, MADRAS.  
 CMDA (B) PP NO.  
 C. No. B3/2957/97  
 Ast. \_\_\_\_\_

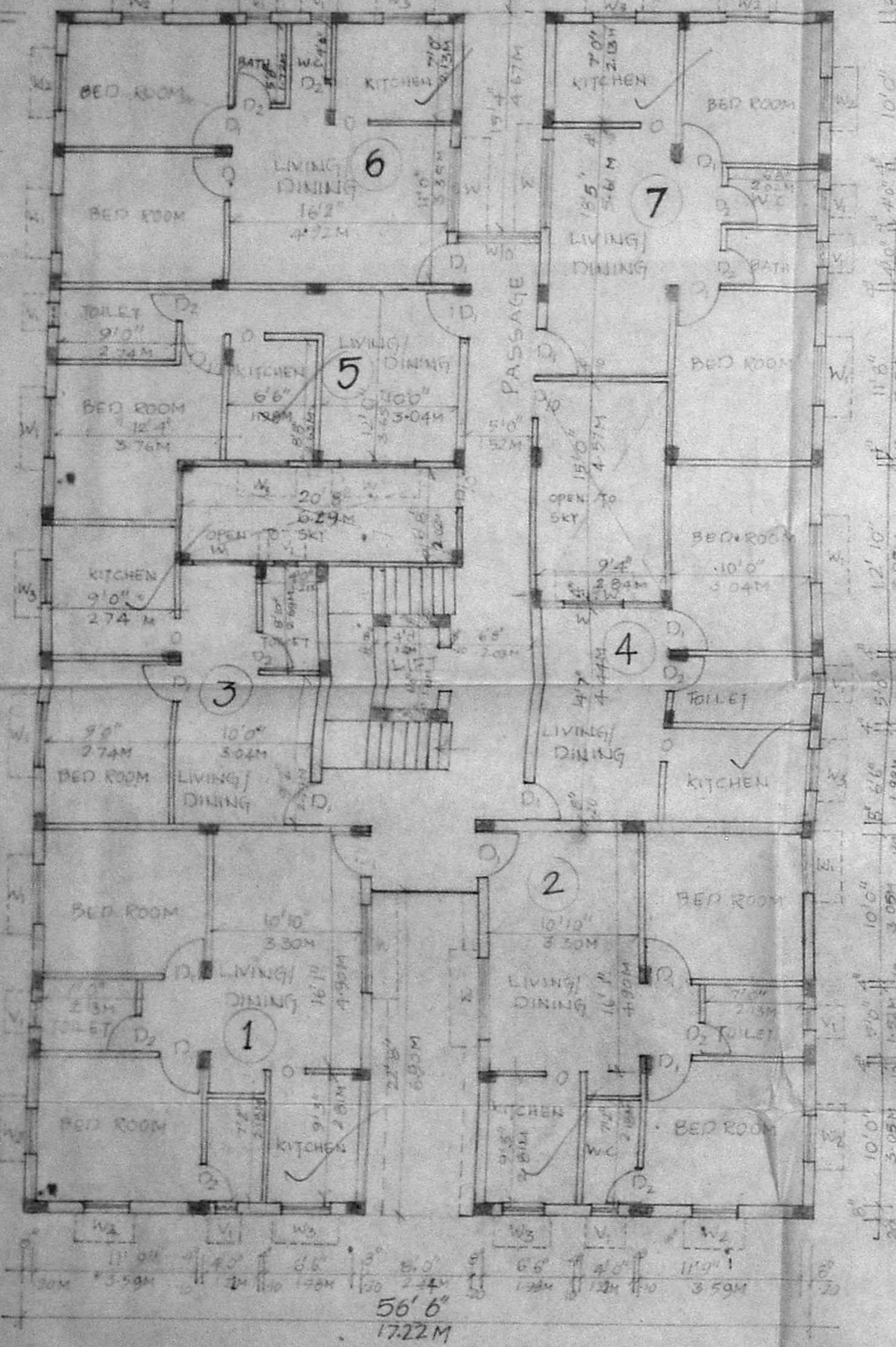
B) 24705/155 B/C/97

Planning Permit No. \_\_\_\_\_  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER.  
 No. B3/2957/97 Date 4/27  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.

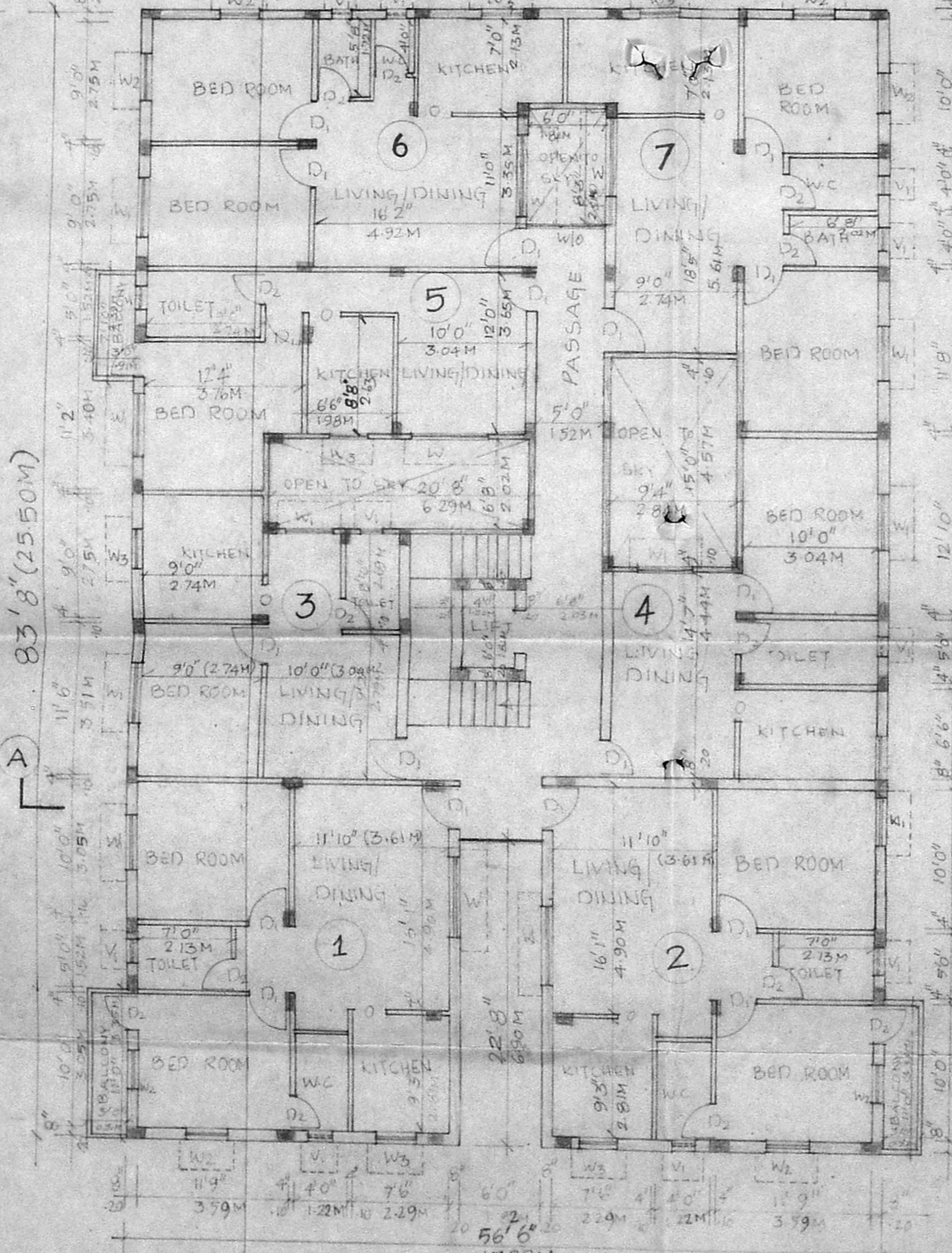
B/10/4 15/4  
 0/4/97

56' 6" (17.22M)  
 12' 0" 3.66M  
 4' 4" 1.33M  
 4' 3" 1.30M  
 8' 6" 2.60M  
 8' 6" 2.60M  
 9' 0" 2.75M  
 10' 0" 3.05M

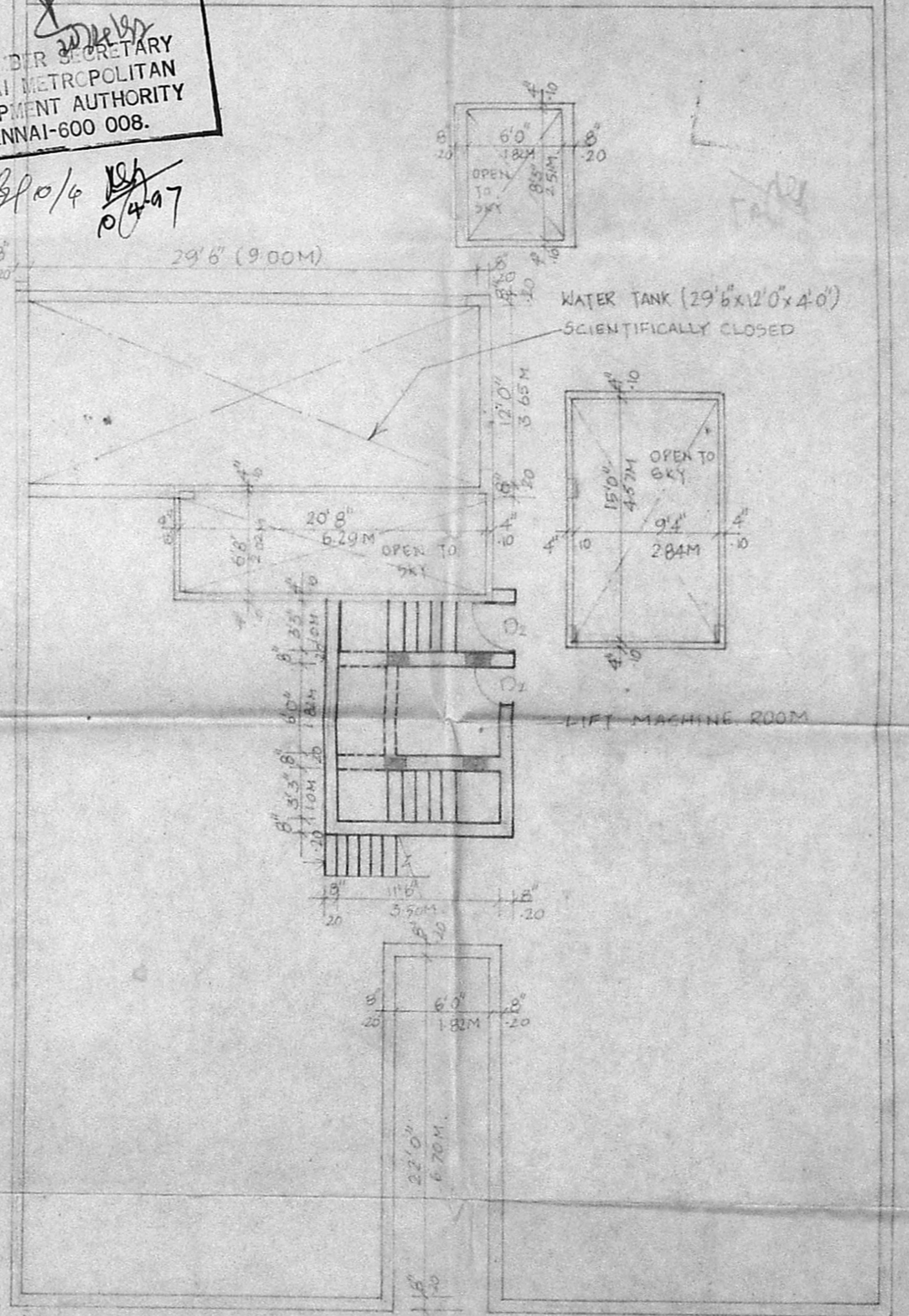
56' 6" (17.22M)  
 12' 0" 3.66M  
 4' 4" 1.33M  
 3' 0" 0.91M  
 12' 0" 3.66M  
 12' 6" 3.82M  
 10' 0" 3.05M



GROUND FLOOR PLAN



TYPICAL FLOOR PLAN [FIRST, SECOND, THIRD]



TERRACE FLOOR PLAN

SCHEDULE OF JOINERY

TYPE	SIZE	DESCRIPTIONS
D1	7' 6" x 6' 6"	C.W. DOOR
D2	16' 6"	D.P.
W	6' 0" x 4' 0"	C.W. GLAZED WINDOW
W1	4' 0" x 4' 0"	-DO-
W2	3' 0" x 4' 0"	-DO-
W3	3' 0" x 3' 6"	-DO-
V	1' 0" x 2' 0"	C.W. GLAZED VENT.
D/O	2' 6" x 6' 6"	DOOR OPENING
W/O	6' 0" x 4' 0"	WINDOW OPENING
O	2' 6" x 6' 6"	OPENING

COLOUR INDEX

PROPOSED	[Symbol]	PLOT BOUNDRY	[Symbol]
ROAD	[Symbol]		

AREA STATEMENT

GROUND FLOOR AREA:	4175.98 Sft. 387.94 M <sup>2</sup>
FIRST FLOOR AREA :	4353.27 Sft. 404.42 M <sup>2</sup>
SECOND FLOOR AREA :	4353.27 Sft. 404.42 M <sup>2</sup>
THIRD FLOOR AREA :	4353.27 Sft. 404.42 M <sup>2</sup>
TOTAL AREA	17235.79 Sft. 1601.20 M <sup>2</sup>
PLOT AREA	11525 Sft. 1070.67 M <sup>2</sup>
F.S.I. 11525	1.49 COVERAGE: 1353.47 = 0.377

N  
 SCALE 1" = 8' 0" (1:100)  
 SHEET NO. 1

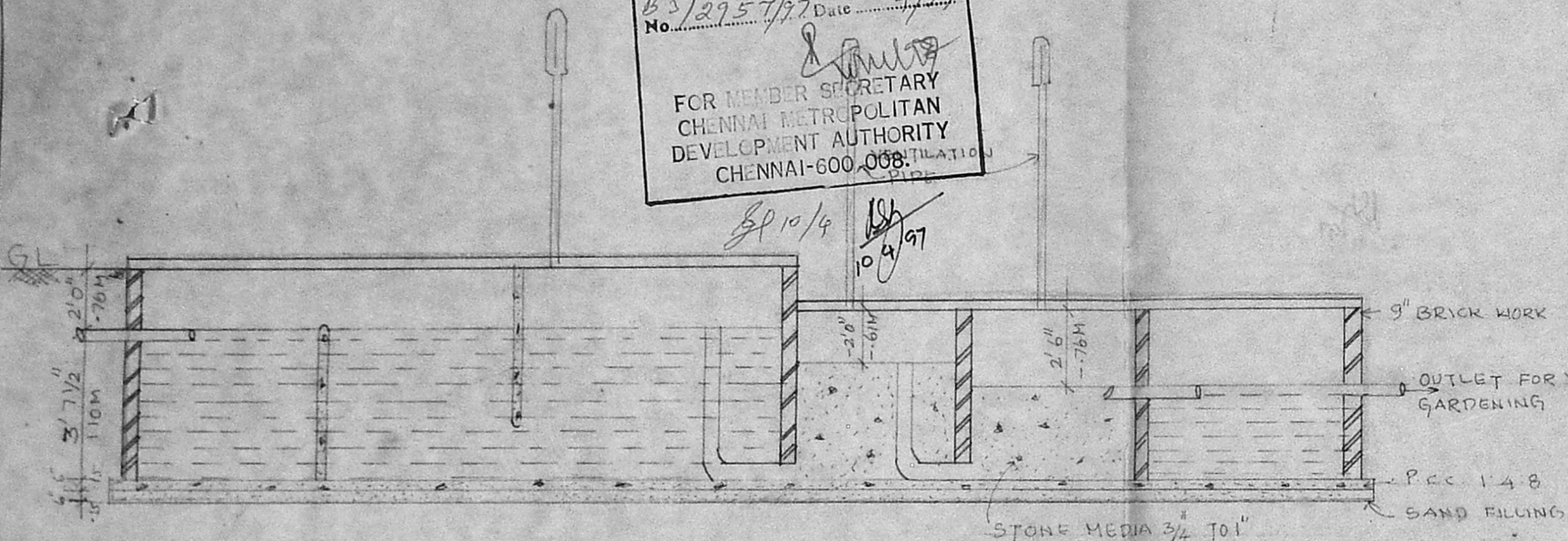
For AKASH CONSTRUCTIONS  
 OWEN [Signature] Partner  
 SIGNATURE

K. Duraisamy, L.C.E.  
 LICENSED SURVEYOR CLASS I  
 CORPORATION OF MADRAS  
 AMBATTUR MUNICIPALITY  
 43, ANNA NAGAR MADRAS-40

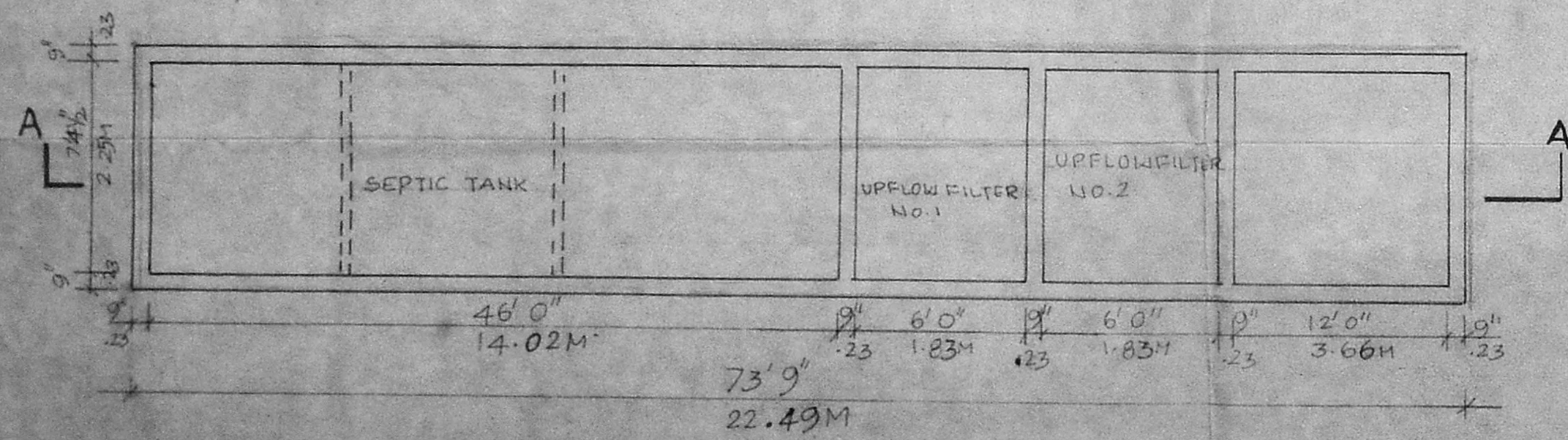
LICENCED SURVEYOR

B/24705/155 e/c/97

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SECTION A-A



PLAN

25/3

DESIGN OF SEPTIC TANK

PROPOSED RESIDENTIAL  
 CMDA (B) APP NO. 1  
 C. No. B.3/2957/97 PLOT NO. 83, 84,  
 Acct. No. 99 8100, S. NO. 2/1, MOHAMMED  
 SUBAIN COLONY,  
 KOLATHUR, MADRAS.  
 D.P.

NO. OF DWELLINGS = 28  
 NO. OF USERS = 28 x 5 = 140  
 ASSUME A STANDARD OF 2 Nos. FIXTURE UNIT  
 NO. OF FIXTURE UNITS = 2 x 28 = 56  
 PEAK FLOW (PEAK FACTORS OF 6 lpm/No)  
 = 56 x 6 = 336 lpm  
 SURFACE AREA REQUIRED  $\frac{336 \times 0.92}{10} = 30.9 \text{ M}^2$   
 VOLUME OF FREE BOARD = 30.9 x 0.3 = 9.27 M<sup>3</sup>  
 VOLUME OF SEDIMENTATION = 30.9 x 0.3 = 9.27 M<sup>3</sup>  
 VOLUME OF DIGESTION = 140 x 0.032 = 4.48 M<sup>3</sup>  
 VOLUME OF SLUDGE 140 x 365 x 0.0002 = 10.22 M<sup>3</sup>  
 TOTAL VOLUME = 33.24 M<sup>3</sup>  
 DEPTH =  $\frac{33.24}{30.90} = 1.08 \text{ M}$ , 1M PROVIDED  
 SIZE OF SEPTIC TANK = 14 M x 2.25 M x 1.1 M

DESIGN OF UPFLOW FILTER

PEAK GRAVITY = 140 x 0.045 = 6.3 M<sup>3</sup>  
 ASSUME A DEPTH OF 0.8 M  
 AREA REQUIRED =  $\frac{6.3}{0.8} = 7.875 \text{ M}^2$   
 SIZE OF UPFLOW = 3.57 M x 2.25 M  
 SIZE OF FILTER NO.1 = 1.8 M x 2.25 M  
 SIZE OF FILTER NO.2 = 1.8 M x 2.25 M

DETAILS OF SEPTIC TANK

SHEET NO. 3

SCALE L.S

*K. D. ...*  
 K. D. ... LIC. 116153  
 LICENSED SURVEYOR CLASS. I  
 CORPORATION OF MADRAS  
 AMBATTUR MUNICIPALITY  
 # 43, ANNA NAGAR, MADRAS-40

LICENSED SURVEYOR

For KAKASH CONSTRUCTIONS  
 Managing Partner

SIGNATURE OF OWNER