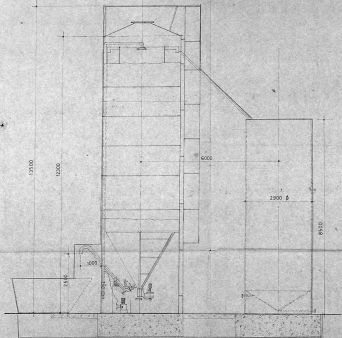


Scale: 1/200  
 C-1022/50  
 10/1

Planning Permit No. 02/197/53/01/01  
**APPROVED**  
 GRANTED TO THE CONDITIONS IN  
 THIS ORDER LETTER  
 No. CO/197/53/01/01-2/11  
 FOR METER 12 SECRETARY  
 MADRAS METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 MADRAS 600 008



CLARIFYING TOWER

WATER TANK

PROPOSED

DATE	NO.	REVISION	CHECKED	APPROVED



**LARSEN & TOUBRO LIMITED**

ECC - CONSTRUCTION GROUP

TAMIL NADE MINERALS Ltd MADRAS

SCALE: 1:50  
**CLARIFYING TOWER & WATER TANK SECTIONS**

NO.	DATE	BY	DATE
DESIGNED			
DRAWN			
CHECKED			
APPROVED			

823-G-14-A-1

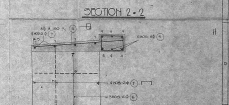
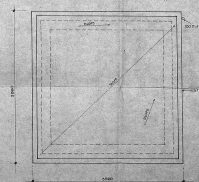
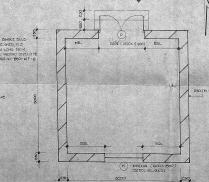
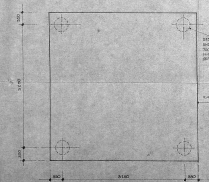
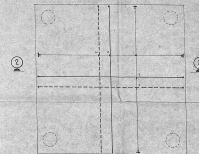
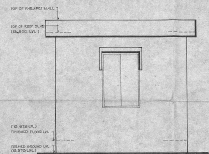
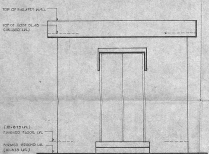
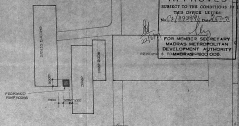
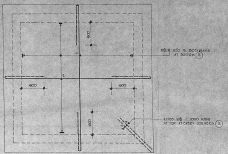
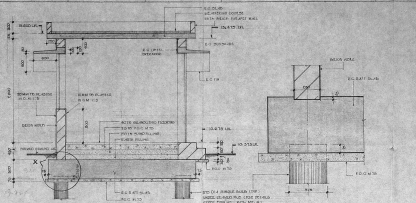


It is recommended that the contractor should refer to the specifications for the materials to be used in the construction of the structure and to the drawings for the details of the structure and to the specifications for the materials to be used in the construction of the structure.

Working Plan  
Sujayraj  
Sujayraj

**APPROVED**  
SUBJECT TO THE CONDITIONS OF THE CONTRACT LETTER NO. 12/22/1973

FOR STRUCTURE FOR URBAN WATER SUPPLY PROJECT - URBAN WATER SUPPLY



- GOOD FOR CONSTRUCTION**
- PROPOSED**
- 1. ALL DIMENSIONS ARE IN MILLIMETERS & UNLESS OTHERWISE SPECIFIED.
  - 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
  - 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
  - 4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
  - 5. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
  - 6. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
  - 7. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
  - 8. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
  - 9. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
  - 10. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

DATE	NO.	REVISIONS	DRAWN	APPROVED

**LARSEN & TOUBRO LIMITED**  
ECC - CONSTRUCTION GROUP

TAMIL NADU WATER SUPPLY BOARD

PROJECT: PUMP HOUSE FOR URBAN WATER SUPPLY PROJECT - URBAN WATER SUPPLY

DRAWING NO: BE5-0-10

SCALE: 1/4" = 1'-0"

DATE: 12/22/1973

DESIGNED BY: S. SUJAYRAJ

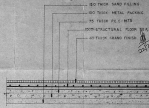
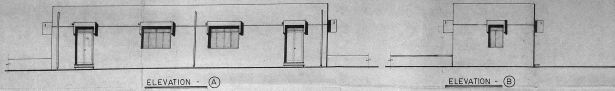
CHECKED BY: S. SUJAYRAJ

APPROVED BY: S. SUJAYRAJ

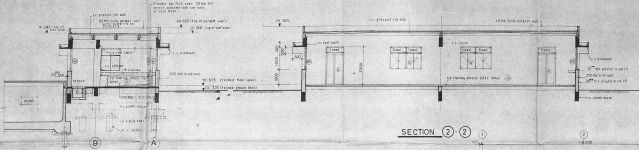
DATE: 12/22/1973

THE ARCHITECTURE OF INDIA (REGULATION) ACT, 1947  
 AND THE ARCHITECTURE (REGULATION) ACT, 1956  
 AND THE ARCHITECTURE (REGULATION) ACT, 1960  
 AND THE ARCHITECTURE (REGULATION) ACT, 1967  
 AND THE ARCHITECTURE (REGULATION) ACT, 1973  
 AND THE ARCHITECTURE (REGULATION) ACT, 1980  
 AND THE ARCHITECTURE (REGULATION) ACT, 1987  
 AND THE ARCHITECTURE (REGULATION) ACT, 1994  
 AND THE ARCHITECTURE (REGULATION) ACT, 2001  
 AND THE ARCHITECTURE (REGULATION) ACT, 2008  
 AND THE ARCHITECTURE (REGULATION) ACT, 2015  
 AND THE ARCHITECTURE (REGULATION) ACT, 2020

APPROVED  
 SUBJECT TO THE CONDITIONS OF  
 THE OTHER LEAFS  
 CLP/13/01/14  
 FOR MEMBER SECRETARY  
 MADRAS METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 MADRAS 600 008



DETAIL - X  
 TYPICAL FLOORING DETAILS.



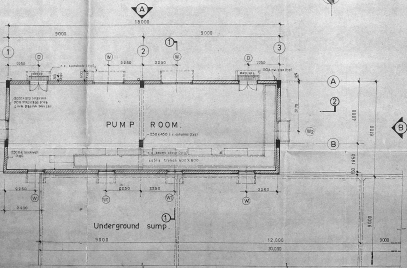
NOTES:  
 1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS.  
 2. THIS SET IS RULED ON VERTICAL GRADUATED 100 TO 100 MM & 200  
 3. 200 MM G.I. IS TO BE USED THROUGHOUT WITH 200 MILLIMETER DIA.  
 4. 200 G.I. IS TO BE USED THROUGHOUT WITH 200 MILLIMETER DIA.  
 5. 200 G.I. IS TO BE USED THROUGHOUT WITH 200 MILLIMETER DIA.  
 6. 200 G.I. IS TO BE USED THROUGHOUT WITH 200 MILLIMETER DIA.

SECTION 1-1

SECTION 2-2



TERRACE PLAN.

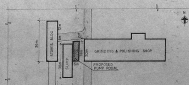


PLAN.

SCHEDULE OF WORKS

1. STEEL CONSTRUCTION WITH FINISH	1700 x 200
2. STEEL CONSTRUCTION	1000 x 100
3. STEEL CONSTRUCTION	1000 x 100
4. STEEL CONSTRUCTION	1000 x 100

PROPOSED



DATE	NO.	REVISIONS	CHECKED	APPROVED

**LARSEN & TOUBRO LIMITED**  
 E.C.C. - CONSTRUCTION GROUP

TAMILNADU MINERALS LTD-MADRAS

DESIGNED	NAME	DATE
CHECKED		
APPROVED		
DATE		

PUMP ROOM FOR PROCESS PIPING.  
 Numeration plan, elevation & section.

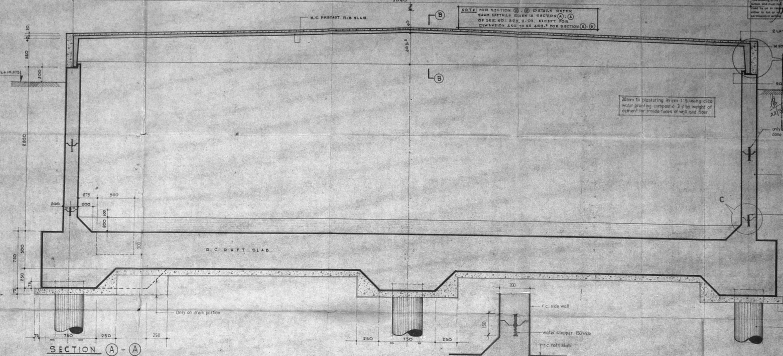
823-G-17

Approved for construction & execution of the work shown on this drawing by the Engineer-in-Charge, Tamil Nadu Minerals Ltd. Madras. The approval is valid only for the work shown on this drawing and for the purpose for which it is issued.

NOTE: FOR SECTION (B) DESIGN WATER HEAD APPROX. 100 M. DESIGN HEAD APPROX. 100 M. DESIGN HEAD APPROX. 100 M.

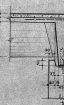
Refer to drawing sheet 57-D1 for details of the structure.

**APPROVED**  
 FOR THE WORK SHOWN ON THIS DRAWING FOR THE PURPOSE FOR WHICH IT IS ISSUED.  
 ENGINEER-IN-CHARGE  
 TAMIL NADU MINERALS LTD. MADRAS.

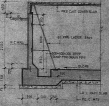


SECTION A-A

Detail of C



DETAIL B



Section on (d)

- NOTES:
1. ALL CONSTRUCTION AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE TAMIL NADU MINERALS LTD. MADRAS.
  2. THE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE TAMIL NADU MINERALS LTD. MADRAS.
  3. THE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE TAMIL NADU MINERALS LTD. MADRAS.
  4. THE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE TAMIL NADU MINERALS LTD. MADRAS.

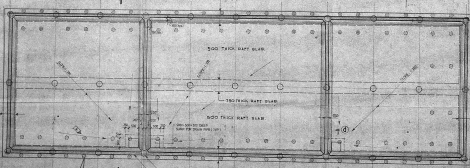
PROPOSED

NO.	DATE	BY	FOR	APPROVED	CHECKED	APPROVED
1						

**LARSEN & TOUBRO LIMITED**  
 CONSTRUCTION GROUP

**TAMIL NADU MINERALS LTD. MADRAS.**

**UNDERGROUND WATER SUMP**  
 500,000 LITRES CAPACITY  
 VENTILATION DETAILS.

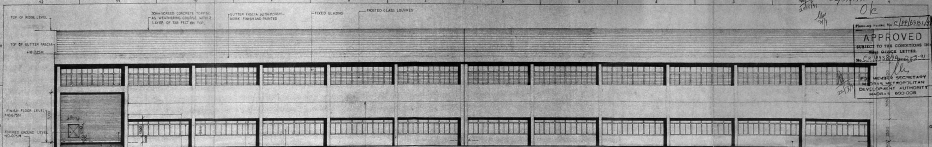


KEY PLAN (SCALE 1:50)

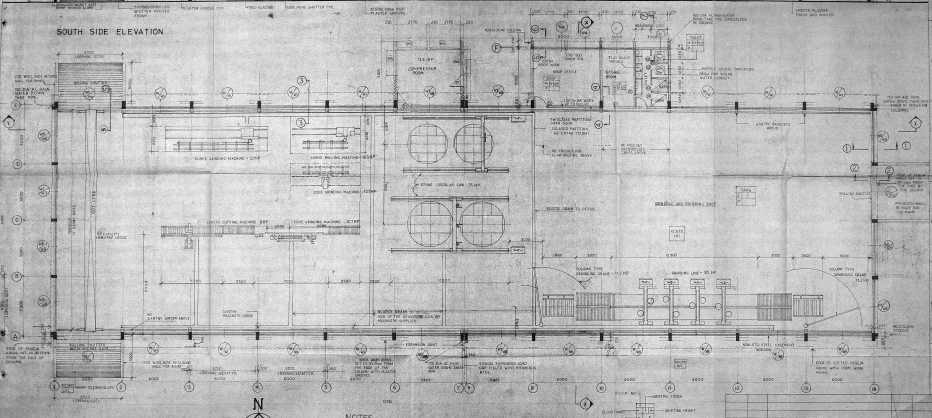
PLAN OF UNDERGROUND WATER SUMP

Quantity Plan  
 5/3  
 0/2

APPROVED  
 DESIGNER'S SIGNATURE  
 ARCHITECT'S SIGNATURE  
 DATE



SOUTH SIDE ELEVATION



GROUND FLOOR PLAN AT 10'-6 7/8 LEVEL



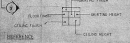
NOTES

1. ALL DIMENSIONS ARE IN METERS AND UNLESS OTHERWISE SPECIFIED.
2. ALL THE TOILET WALL FINISHES ARE TO BE UP TO CEILING.
3. BEST QUALITY MATERIALS TO BE USED IN CONSTRUCTION. THE SAME TO BE CHECKED AND APPROVED BY THE ARCHITECT.
4. FINISHES TO BE AS PER SPECIFICATION.
5. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
6. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
7. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
8. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
9. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
10. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
11. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
12. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
13. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
14. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
15. TO BE CHECKED AND APPROVED BY THE ARCHITECT.
16. TO BE CHECKED AND APPROVED BY THE ARCHITECT.

PROPOSED

OWNER:

ARCHITECT:



DATE	NO.	REVISIONS	DESIGNED/APPROVED

**LARSEN & TOUBRO LIMITED**  
 CONSULTANTS GROUP  
**TAMILNADU MINERALS LTD-MADRAS**  
 THE PROPOSED  
**GRINDING & POLISHING SHOP**  
**PLAN & ELEVATION**

DESIGNED	DATE
DRAWN	DATE
CHECKED	DATE
APPROVED	DATE
CHECKED	DATE

823-A-1







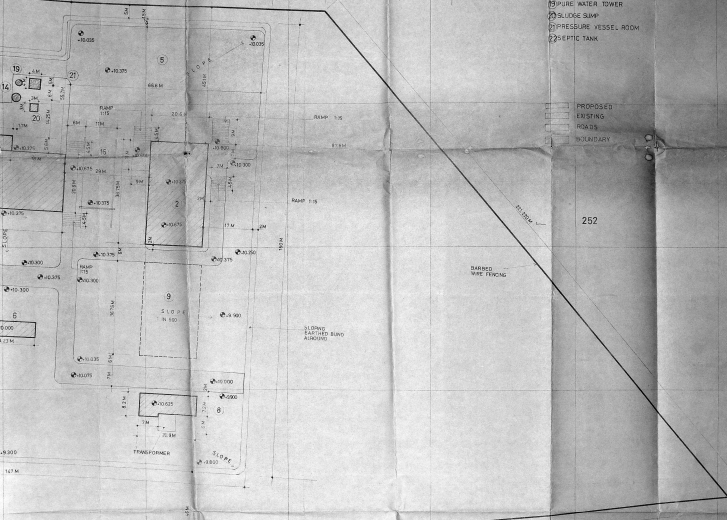


NOTES

1. ALL DIMENSIONS AND LEVELS ARE IN METRES.
2. ALL THE ROAD LEVELS ARE MAINTAINED AT 100TH M LEVEL EXCEPT 4 & 6.
3. FOR STORE WATER DRAIN REFER SEPARATE DRAWINGS.
4. LOCATION OF SEPTIC TANK, WATER LINE & ASTIC WATER LINE REFER SEPARATE DRAWINGS.
5. UNUTILIZED PORTION OF AREA.
6. LOCATION OF SLUDGE TREATMENT PLANT & WATER TANK REFER SEPARATE Dwg.
7. ALL ROAD LEVEL INDICATES 100th M BLACK TOP ROAD.
8. THE ORD SHALL BE READ ALONG WITH THE CIVIL SURVEY DRAWINGS.

REFERENCE

1. GRINDING AND POLISHING SHOP
2. SAWING SHOP
3. STORES BUILDING (CUSTOMS OFFICE)
4. ADMINISTRATIVE BUILDING
5. STONE BLOCKS STORAGE YARD
6. EXISTING CANTEN BUILDINGS
7. REST ROOM
8. SUB STATION & GENERATOR ROOM
9. FUTURE EXPANSION FOR SAWING SHOP
10. SECURITY OFFICE
11. CAR PARKING
12. LORRY PARKING
13. COMMON O/H WATER TANK
14. CLARIFYING TOWER
15. WATER SLUMP
16. OPEN GANTRY YARD
17. UTILITY SERVICES PUMP ROOM
18. PROCESS IRIPING PUMP ROOM
19. PURE WATER TOWER
20. SLUDGE SLUMP
21. PRESSURE VESSEL ROOM
22. SEPTIC TANK



- ▭ PROPOSED
- ▭ EXISTING
- ▭ ROADS
- ▭ BOUNDARY

252

266

*Sanjay M*  
*23/03/2010*  
*27/03/10*

Planning Approval No. SP/10/02/2  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER  
 FOR MINOR SCHEME DEVELOPMENT AND UTILITY DEVELOPMENT AND INFRASTRUCTURE DEVELOPMENT

OWNER  
 TAMILNADU MINERALS LTD.  
 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

ARCHITECT  
 PARAS APTECH PVT. LTD.  
 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

**LARSEN & TOUBRO LIMITED**  
 ICE CONSTRUCTION GROUP

**TAMILNADU MINERALS LIMITED**  
 PANAJI - MADRAS

**SITE PLAN SHOWING ROAD LAYOUT WITH LEVELS**

NO.	DATE	BY	FOR
1	14/03/2010	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...