

\$175,000
1981
cost

P-430

NCR CONSTRUCTION VALIDATION

Activity Name: NE Yr. 79 Mo. 10 Day 23
 Cmd Priority No. 5 Activity UIC 67001

RPL L I M E S T R O - M I D L G E Q U I P
 Work Description
 Facility No. AS110 DoD Cat. 841 Time Reported 10 Previous Proj No. 62 Validated Rating 7500 Est. Cost (X\$000)

DOES THIS PROJECT FALL INTO ONE OF THE FOLLOWING FOUR CATEGORIES?

- A. Is there an environmental impact?Yes No
- B. Is there an energy conservation impact?....Yes No
- C. Is there a safety/fire protection impact?..Yes No
- D. Is there a natural resources impact?.....Yes No

IF THE ANSWER TO ANY OF THE ABOVE QUESTIONS IS YES, FILL OUT THE APPROPRIATE ENCLOSURES, OTHERWISE FILL OUT THIS VALIDATION SHEET.

1. Command Priority
- a. 1 25
 - b. 2 23
 - c. 3 21
 - d. 4 19
 - e. 5 17
 - f. 6 15
 - g. 7 13
 - h. 8 11
 - i. 9 9
 - j. 10 7
 - k. 11 5
 - l. 12 3
 - m. 13 and over 0

3. Facility Utilization *util. 74*
- a. Primary Mission 20
 - b. Maintenance 8
 - c. Security 18
 - d. Safety 6
 - e. Habitability 14
 - f. Training 10
 - g. Morale/Welfare 12
 - h. Admin/Storage 16

2. Operational Influence
- a. Direct 20
 - b. Indirect 15
 - c. Little 5
 - d. None 0

4. Requirement Generated By
- a. Support CMC Directed Program 20
 - b. ~~Interim-Facil-Awaiting MCON~~ 15
 - c. Support Equip. Install 10
 - d. Others 5
5. Amortization Period
- a. 1 or 2 years 15
 - b. 3 or 4 years 10
 - c. 5 or more years 5

COMPUTATION

(1) 17 - (2) 15 - (3) 20 - (4) 5 - (5) 5 = 62

HQMC REP [Signature] 23/10/79 ACTIVITY REP [Signature] 23/10/79



FOUNTERS MARINE CORPS MNCR CONSTRUCTION VALIDATION

CAMP LEJEUNE 79 10 23
 Activity Name Yr. No. Day

5 67001
 Cmd Priority No. Activity UIC

RPL LINE STRG - MIDLG EQUIP
 Work Description

AS110 841-10 62 7500
 Facility No. DoD Cat. Code Time Reported Previous Proj No. Validated Rating Est. Cost (X\$000)

DOES THIS PROJECT FALL INTO ONE OF THE FOLLOWING FOUR CATEGORIES?

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HQMC REP *[Signature]* 23/10/79 ACTIVITY REP *[Signature]* 23/10/79



BASE MAINTENANCE DEPARTMENT
Marine Corps Base
Camp Lajeune, North Carolina 28542

MAIN/FEC/clm
11000
1 February 1979

From: Base Maintenance Officer
To: Assistant Chief of Staff, Facilities

Subj: Additional Projects for Inclusion in Minor Construction Program

Encl: (1) List of Projects for Minor Construction Consideration

1. Enclosure (1) provides a list of projects determined to be construction in nature by the recent Headquarters Marine Corps validation of Major Repair Projects.
2. It is requested that the items listed in enclosure (1) be considered for inclusion in the Minor Construction Program.
3. Additional information concerning the items listed will be provided upon request.

T. R. BAISLEY

See para 3 of encl (1)



MINOR CONSTRUCTION PROJECTS

1. Replace 150 pound chlorine cylinders with one ton chlorine cylinders, scales, and shelters in Buildings RR-15, BS-100, TT-33, BS-670, LP-20, LP-22, TT-563 and M-138.

Justification: Chlorine has been transported throughout the base complex by pickup truck in 150 pound cylinders for 38 years. This presents a safety hazard and extra cost to the government in that chlorine is being transported by pickup truck through towns and on state highways outside of the base complex. If an accident should occur due to a ruptured chlorine cylinder spraying deadly gases over a large area. One ton cylinders would provide enough chlorine storage at the various utility plants to allow less frequent chlorine delivery, and service would be under contract with a certified vehicle making deliveries.

Cost: \$65,000

2. Install recarbonation equipment, Building 35.

Justification: To comply with Federal and State regulations concerning water quality. Recarbonation equipment would bring present water quality within the iron turbidity limits set by the Safe Drinking Water Act.

Cost: \$40,000

T. HATCHER 5161

3. Replace lime storage and handling equipment, Building AS-110.

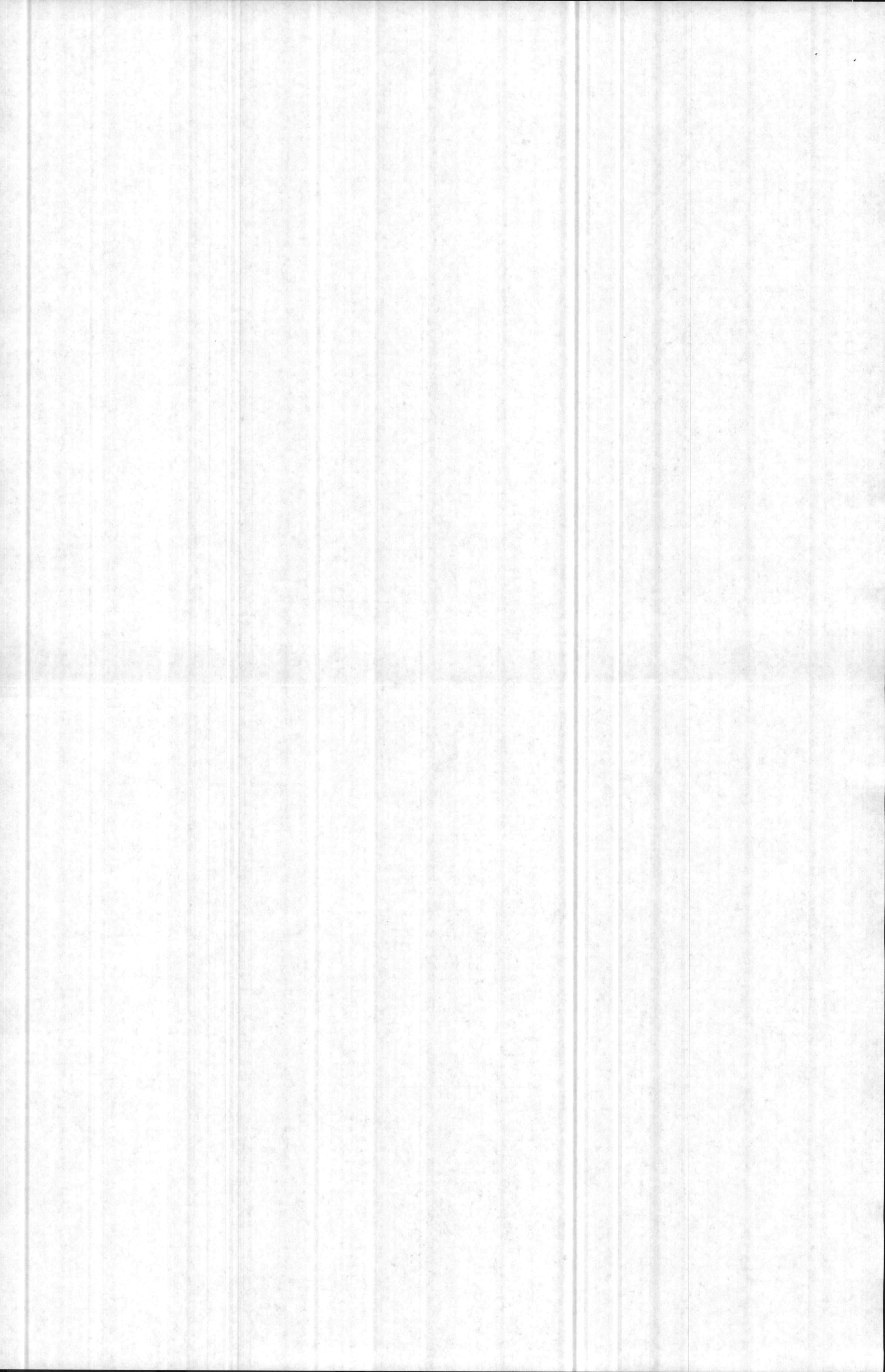
Justification: Plant should have been designed to store lime for 40-45 days of operation. Present storage has a small capacity of 20-22 days of operation. Due to small storage capacity, lime is ordered in small quantities, causing disruption in operation and higher prices for lime. Lime handling equipment isn't adequate to load lime when received.

Cost: \$75,000

4. Install additional comminutor in influent line to Sewage Treatment Plant, Building TC-563.

Justification: During peak influent flow of sewage, the comminutor now in service is not adequate to handle flow. The additional comminutor is needed during peak flow and to put into operation when repairs are made to present comminutor.

Cost: \$35,000



5. Add one siphonator, three new wells, new circuit cable to all wells, and add recarbonation equipment, Building TT-38.

MCON 70
Justification: Water Treatment Plant is rated as a 1,000,000 gallons per day plant and demand is now greater than capacity. The additional equipment would upgrade the plant to a 2,000,000 gallons per day operation, and would meet the requirements of the Safe Drinking Water Act by not exceeding the Pb iron turbidity limits.

Cost: \$100,000

6. Connect electrical overload, Building 84.

F V J P B P
Justification: The original service to Building 84 was installed in 1954 and is presently undersized and outdated due to the addition of new electrical loads. Work required includes replacement of existing transformers, service entrance, and load centers to upgrade electric service and balance existing loads. (Reference Project F-754 and Project R-19-77 submitted in FY 76).

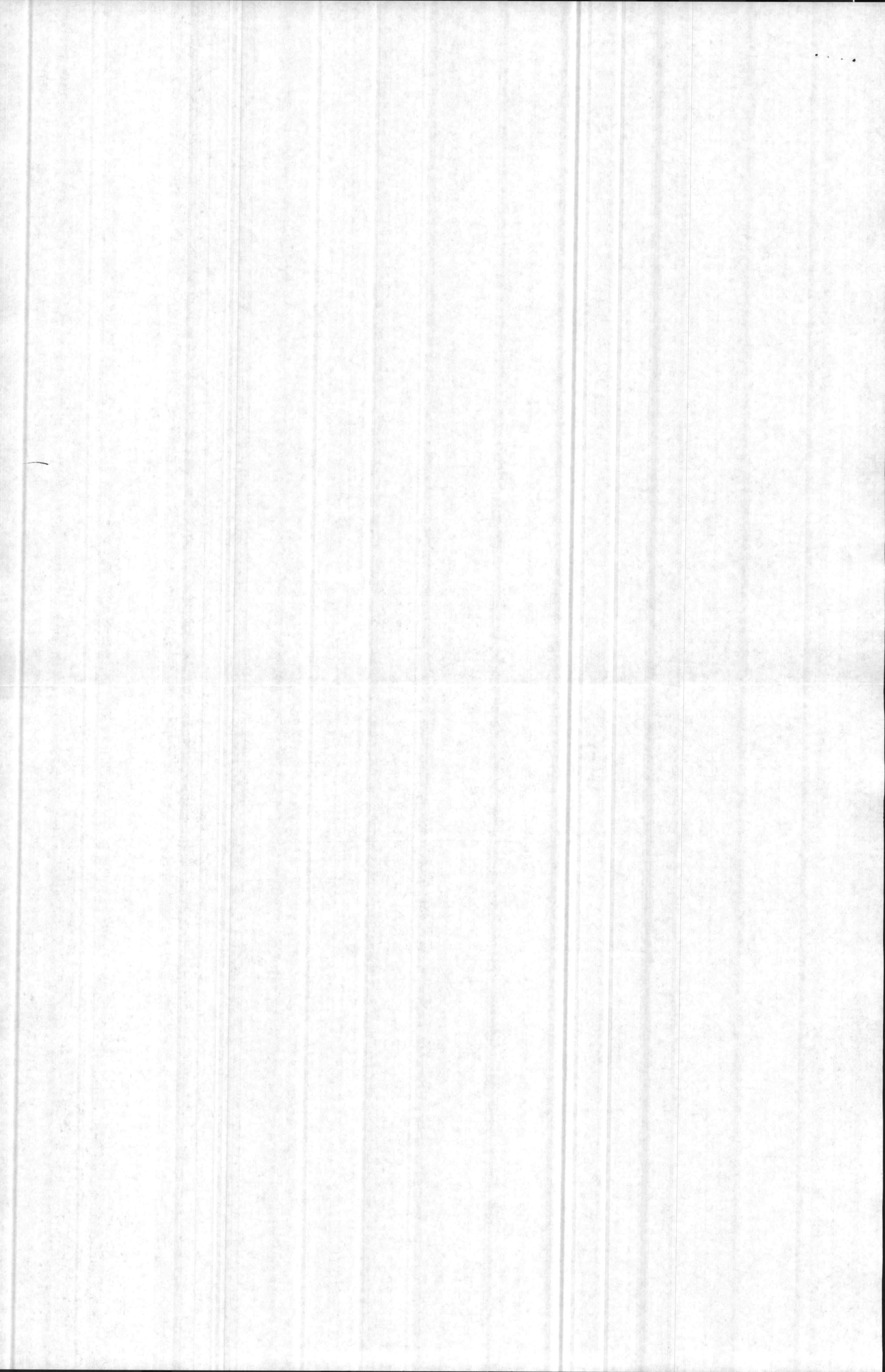
Cost: \$41,600 (interior work) and \$55,300 (exterior work)

7. Modification to heating/cooling system, Building 69.

Justification: Air conditioning system has been inadequate to properly cool the bowling alley. Public Works letter of 6 April 1978 attributed problem to over utilization of outside air and provided two alternatives to improve the situation.

Cost: Scheme I, \$50,000
Scheme II, \$313,000

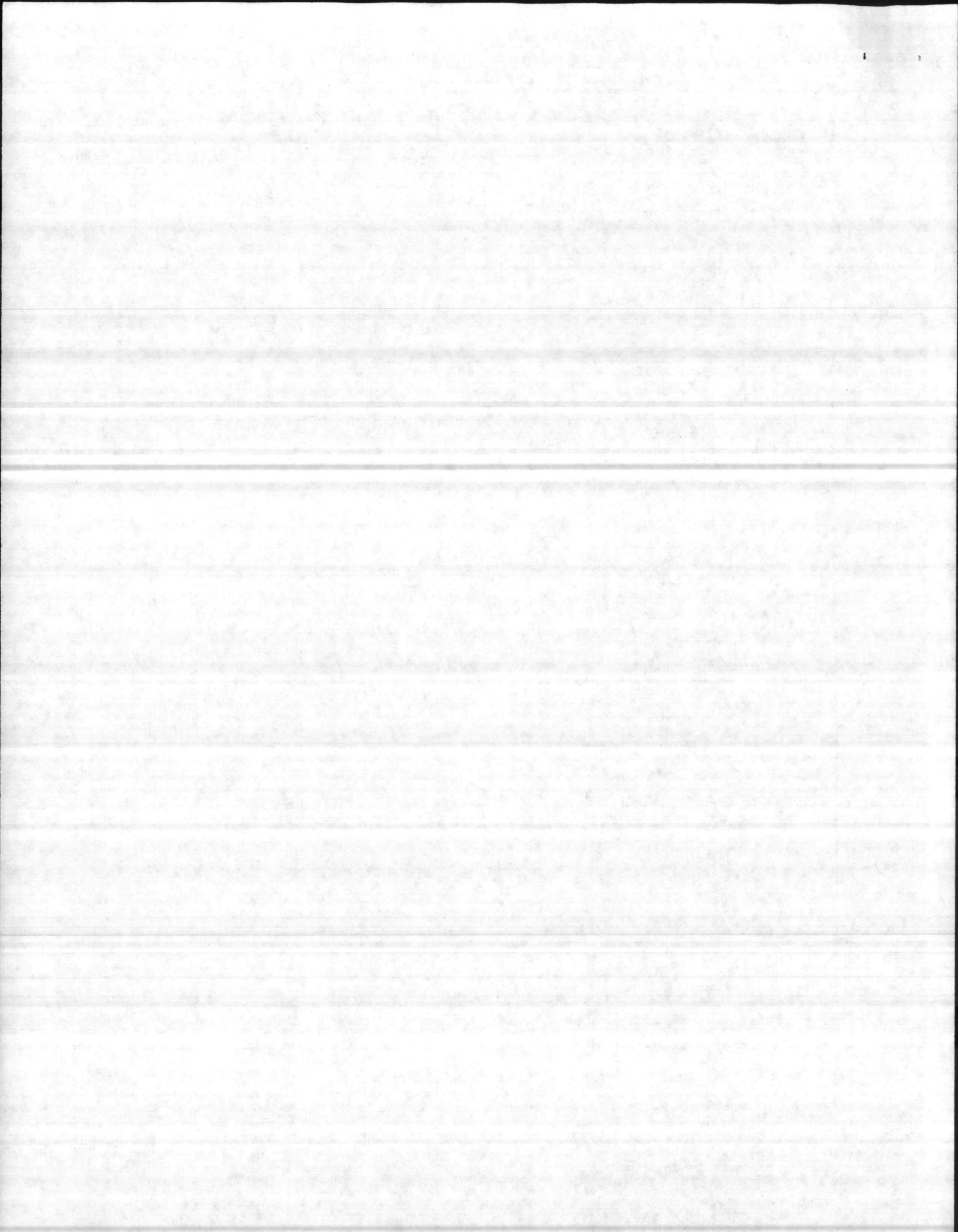
check and see if a folder is made.



PROJECT LOG

Title: Exotic Storage & Handling Equip ~~Shed~~ Proj. No. 436
 (~~42735~~)
 841-10

DATE	REMARKS
Aug 80	Project transferred to HCA (H) from Le Beme for 82' Marine Const Program



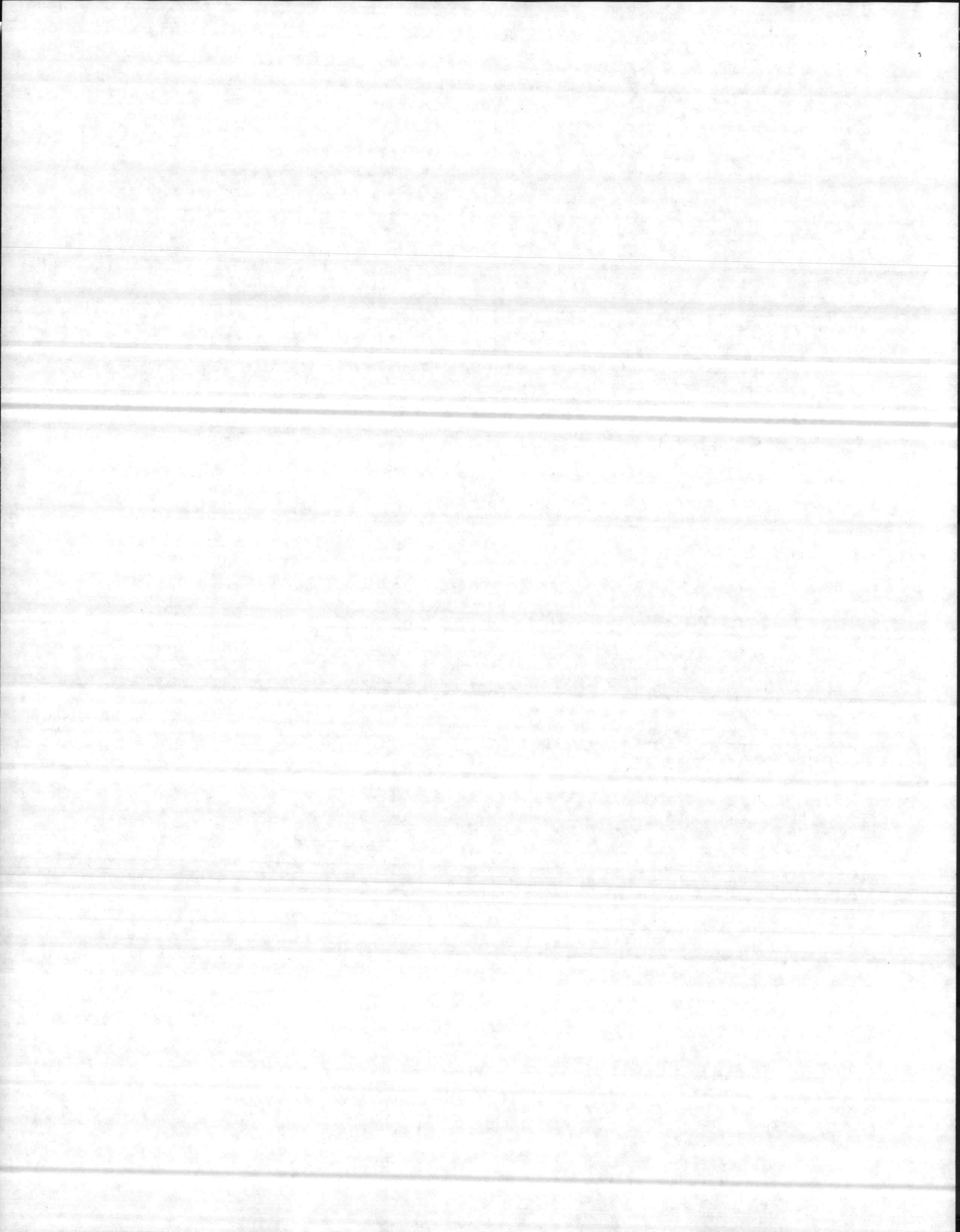
Memo for File

7 October 1980

Gene Jones, Planning Dept., PWD, called to say that this project had mistakenly been left on the 10956 F482 Minor Const. Report for Lejeune. It was listed as priority 4.

As Lejeune has made the initial submission, we will discontinue project development in this office.

m. Smith.



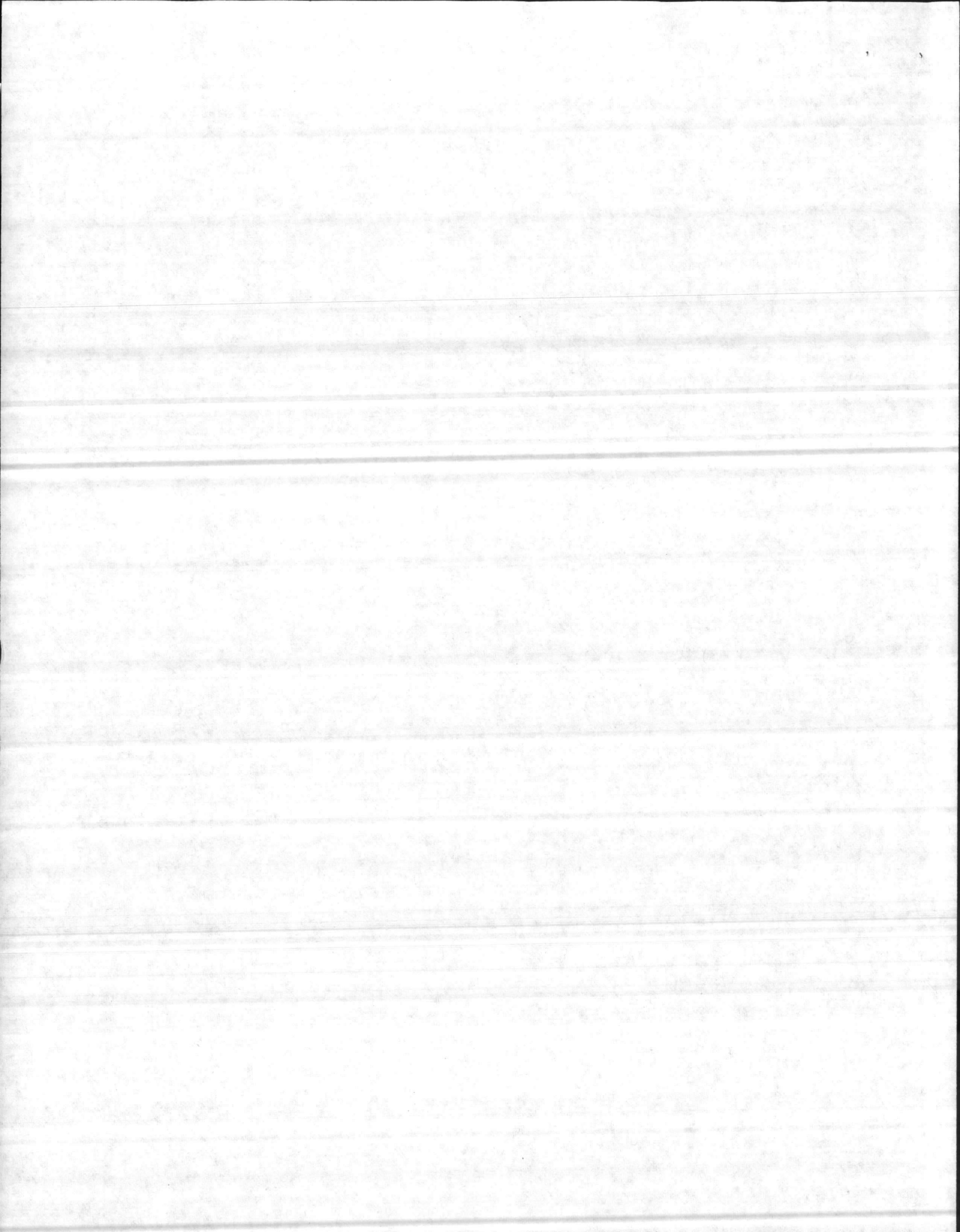
3 Sept 1980

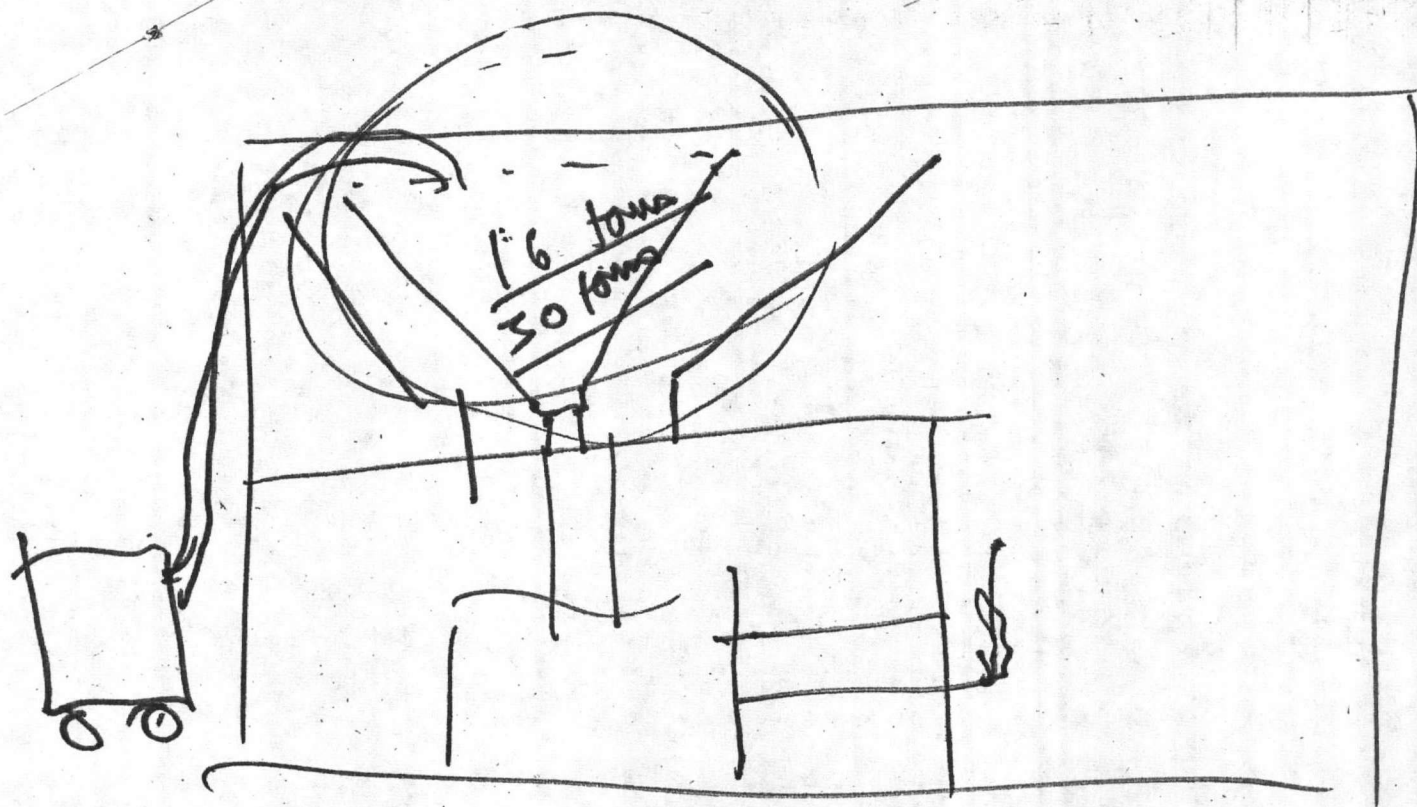
In 1975 when Wtr Treatment Plant was renovated the capacity was raised to 3.5 million gal per day - Current operations are only 1.2 mil. gal per day - The Lime handling equip. installed at that time was suppose to handle 25 T - however it seems that only a maximum of 16 T of Lime can be stored.

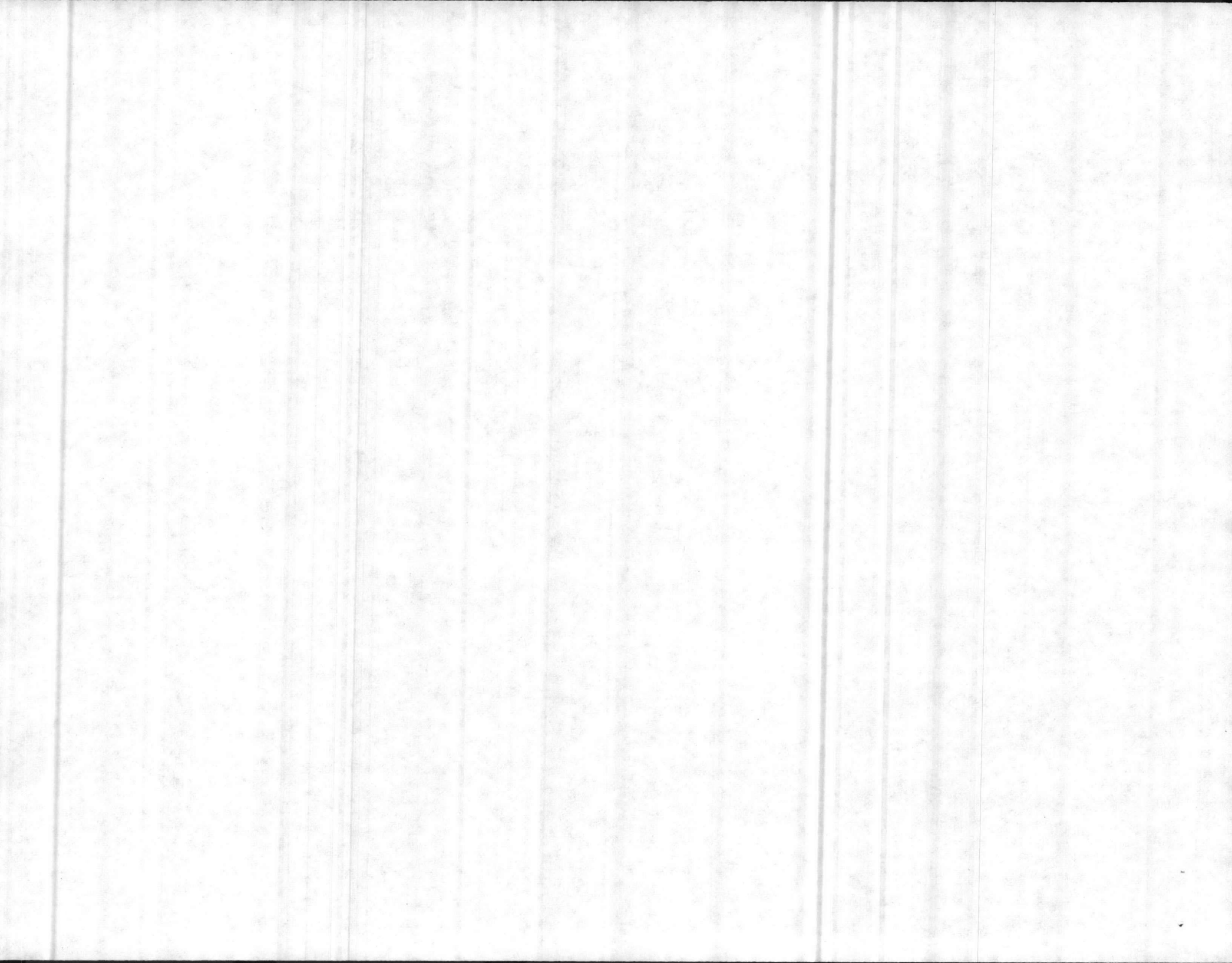
Problems (1) The govt. is losing \$ because the minimum freight charge is for 21 T & our order is only for 15 T.

(2) We need a minimum 30 day supply at current operating level. 16 T only last 2 1/2 days - As the operating level increases problem will become more critical.

Recommendation - Mr. Price, Wtr Treatment Spurna. wants a vertical mtl. strg. bin w/a hydrated feeder to repl. the stacker - Mr. Price will get more info, including cost & lead time.







Cost Estimate

Info. taken from Contract at Bldg 20
79-C-2647

Silo Foundation	\$ 6,700	
Silo Equip	33,500	
Transfer System	19,000	
Feeder Equip & Install	6,750	
Controls & Install	6,000	
Excavation	500	
Miscellaneous	<u>4,000</u>	
	76,450	Total

