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105
108

CLASSIFICATION CANCELLED
OR CHANGED TO-----
BY AUTHORITY OF DOE/DPG
JOHN K. WATTSOCK
REVIEWED BY

9/7/79
DO
Gerald Brooker
SO 10.23
Oct 26, 2005

MANHATTAN DISTRICT HISTORY

LOS ALAMOS PROJECT (Y)

VOLUME 1 - GENERAL

APPENDIX A, B, C, AND D

~~This document contains restricted data within the meaning of the Atomic Energy Act of 1946 and the information disclosed hereunder is exempt from the provisions of the Freedom of Information Act. Any unauthorized disclosure of this information may constitute a violation of the Atomic Energy Act of 1946 and the information disclosed hereunder is exempt from the provisions of the Freedom of Information Act.~~

~~RESTRICTED DATA~~

Atomic Energy Act 1946
Specific Restricted Data
Clearance Required.

USING AGENCY

25 MILES NW OF SANTA FE, N.M.

55 MILES NNE OF ALBUQUERQUE, N.M.

TRANSPORTATION FACILITIES

NONE	RAILROAD
NO. 4	STATE ROAD
NONE	FEDERAL ROAD
NONE	AIRLINE


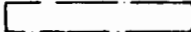
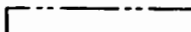
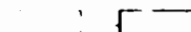



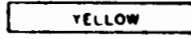

LAND AREA

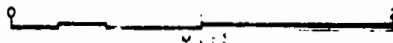
ACRES OWNED BY W.D.
 ACRES LEASED BY W.D.
 ACRES LEASED FROM W.D.
 ACRES TRANSFERRED TO W.D.
 ACRES DONATED TO W.D.

DISPOSALS

ACRES SOLD
 ACRES TRANSFERRED
 ACRES EXCHANGED
 ACRES OTHER

LEGEND

AREA BOUNDARY	
COUNTY LINE	
GRANT LINE	
LINES NOT SURVEYED	
PROJECT BOUNDARY	
GUAJE ALLOTMENT	
PAJARITO ALLOTMENT	
RAMON VIGIL ALLOTMENT	
SAWYER MESA ALLOTMENT	



ARMY DEPARTMENT OFFICE
 CONSTRUCTION DIVISION

REAL ESTATE
 LOS ALAMOS DEMOLITION RANGE
 LOS ALAMOS, NEW MEXICO

CONSTRUCTION INFORMATION

REQUIREMENTS DATE 8-27-43

APPROVED DATE 8-27-43

DATE BY CHECKED BY APPROVED

SHEETS DRAWING NO. LA-NM-1076

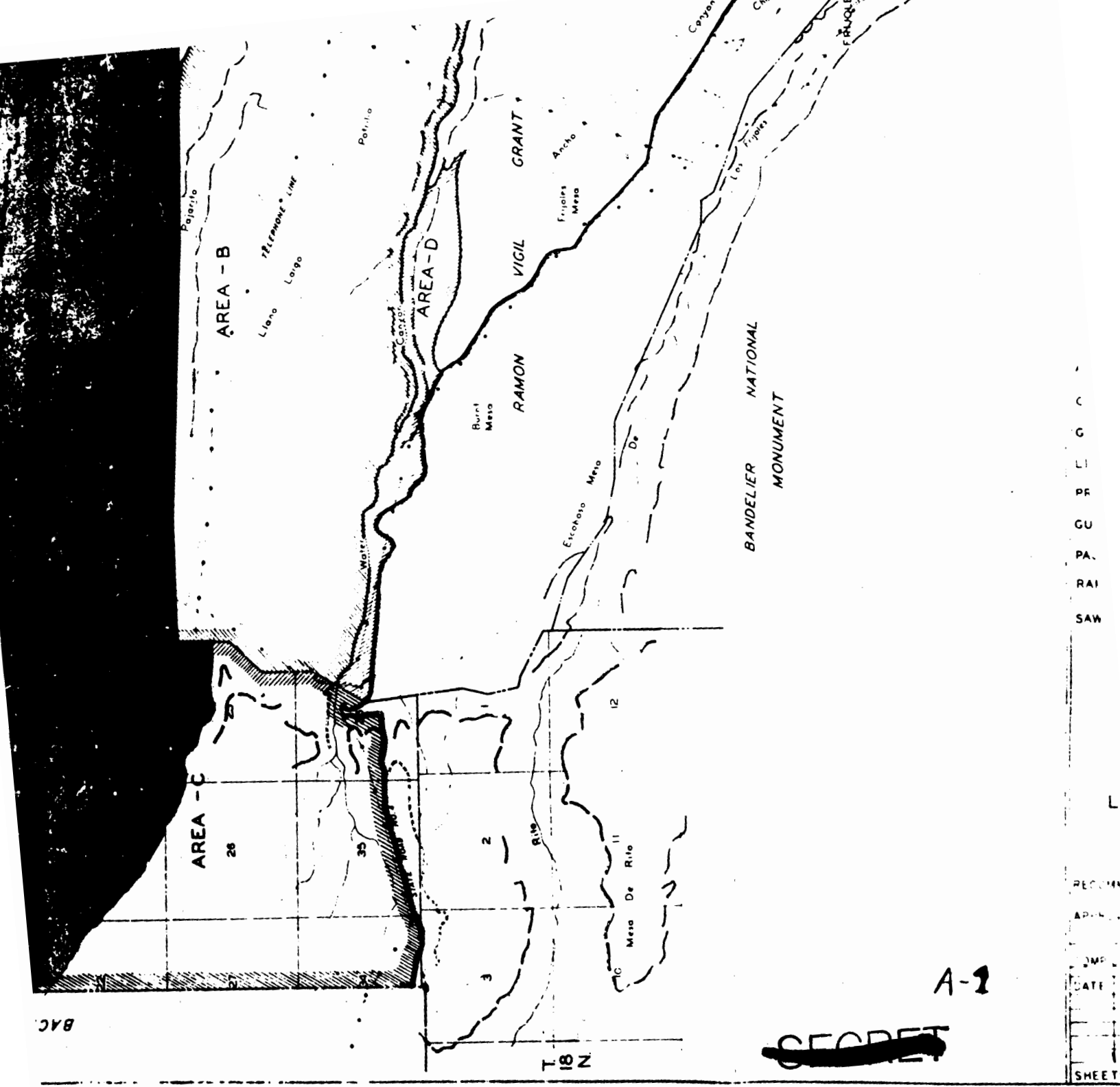
CR-Form-171A



BANDELIER NATIONAL MONUMENT

A-1

SECRET



BAC

BANDELIER NATIONAL MONUMENT

A-1

~~SECRET~~

RECORDS
 APRIL
 JUNE
 DATE
 SHEET

R 5 E

R 6 E

Santa Cruz

County

Agua

Mullecho

Palma

Cajon

Chupadero

Cajon

Guadalupe

Cajon

Cajon

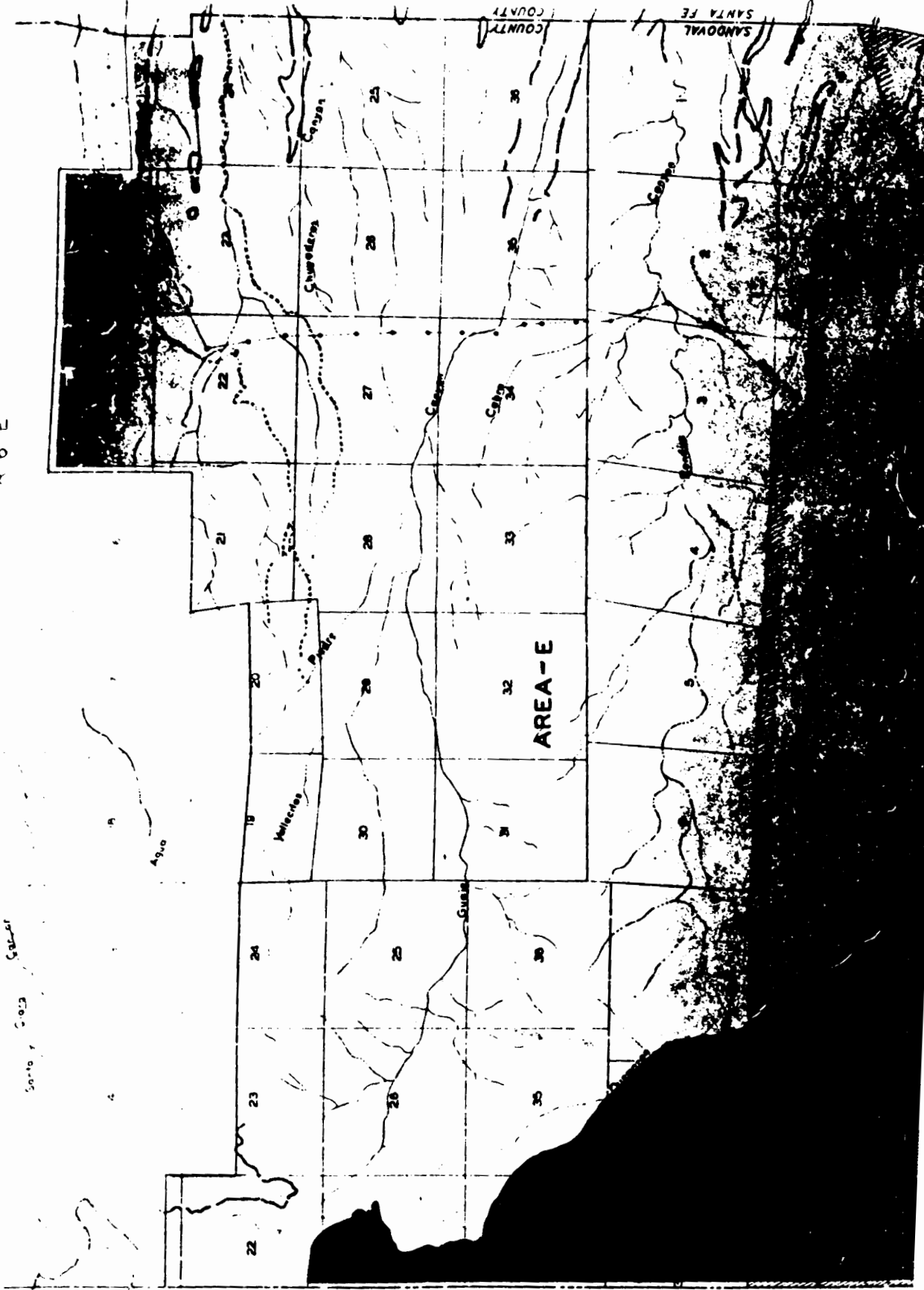
LOCATION

NO 1
T 20 N

AREA - E

COUNTY

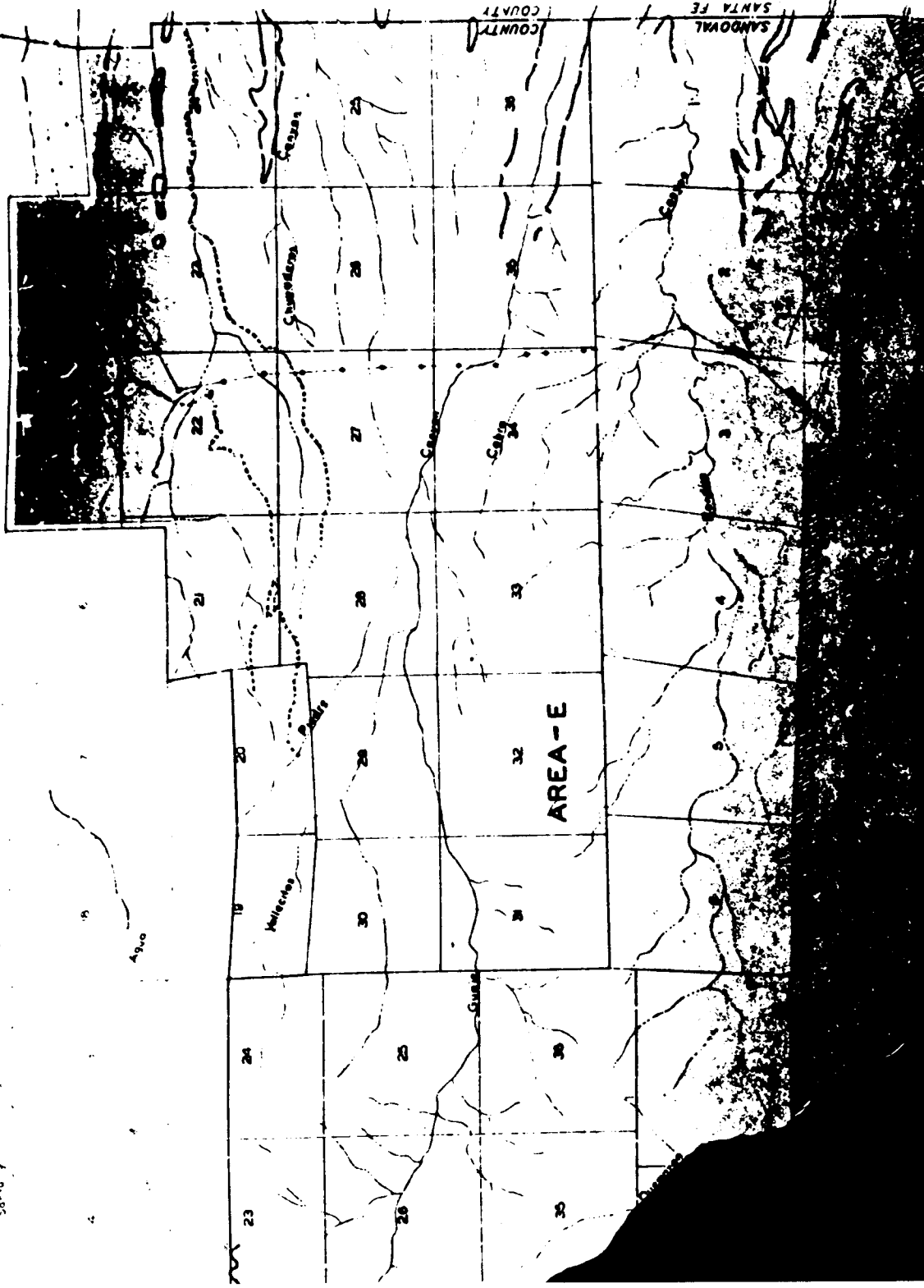
SANTA FE



R 5 E

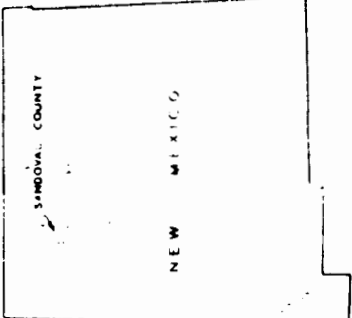
T 6 E

Section 23

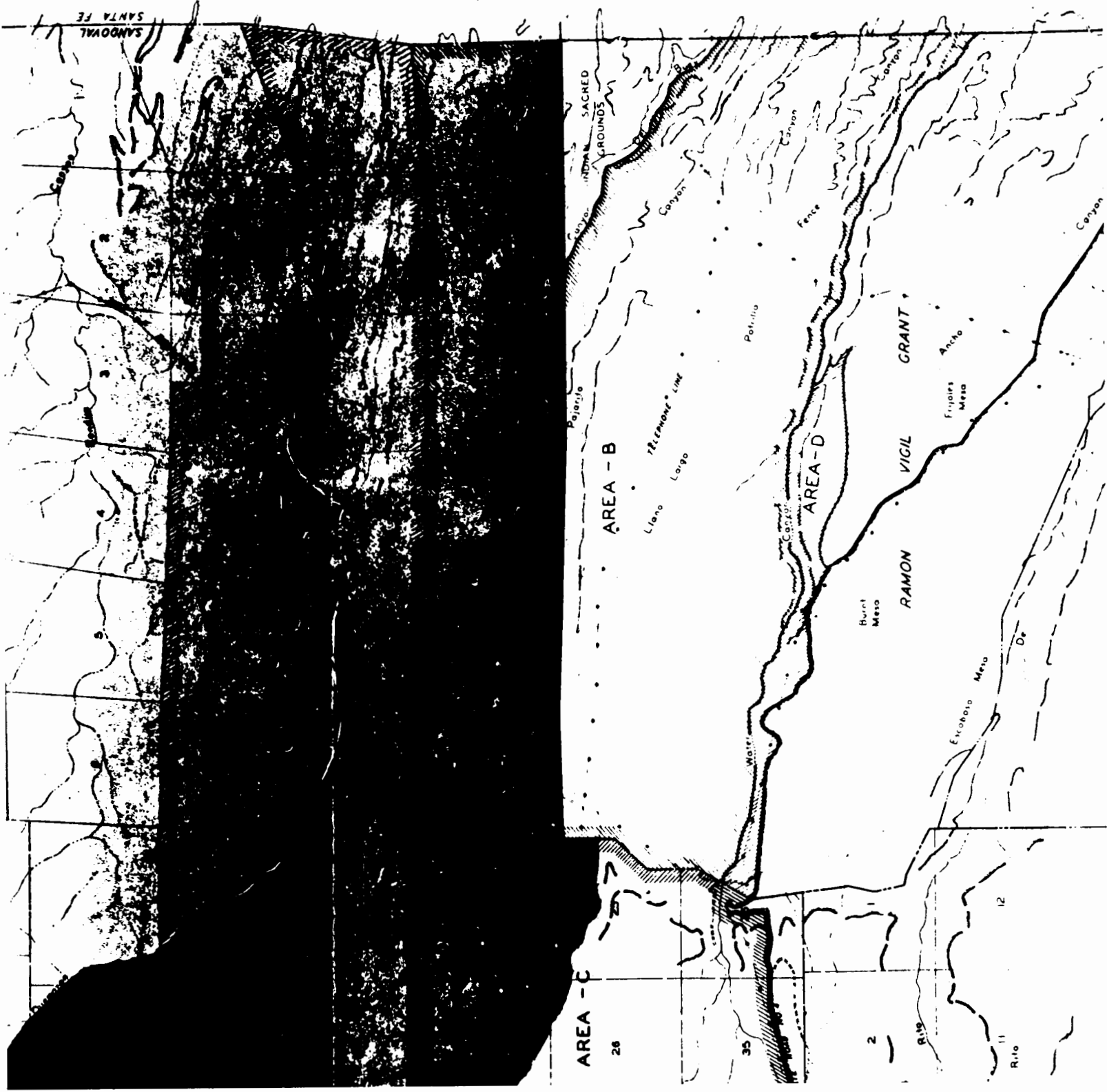


VICINITY MAP

0 20 40 60
MILES



STATE INDEX



STATE INDEX

PROJECT MAP

STATE NEW MEXICO
COUNTY SAGUO
DIVISION SOUTHWESTERN
DISTRICT ALBUQUERQUE
SERVICE COMMAND
USING AGENCY
25 MILES NW OF SANTA FE, N.M.
55 MILES NNE OF ALBUQUERQUE, N.M.

TRANSPORTATION FACILITIES

NONE RAILROAD
NO. 4 STATE ROAD
NONE FEDERAL ROAD
NONE AIRLINE








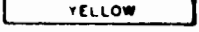

LAND AREA

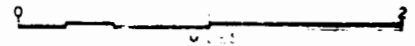
ACRES OWNED BY WD
ACRES LEASED BY WD
ACRES LEASED FROM WD
ACRES TRANSFERRED TO WD
ACRES DONATED TO WD

DISTOALS

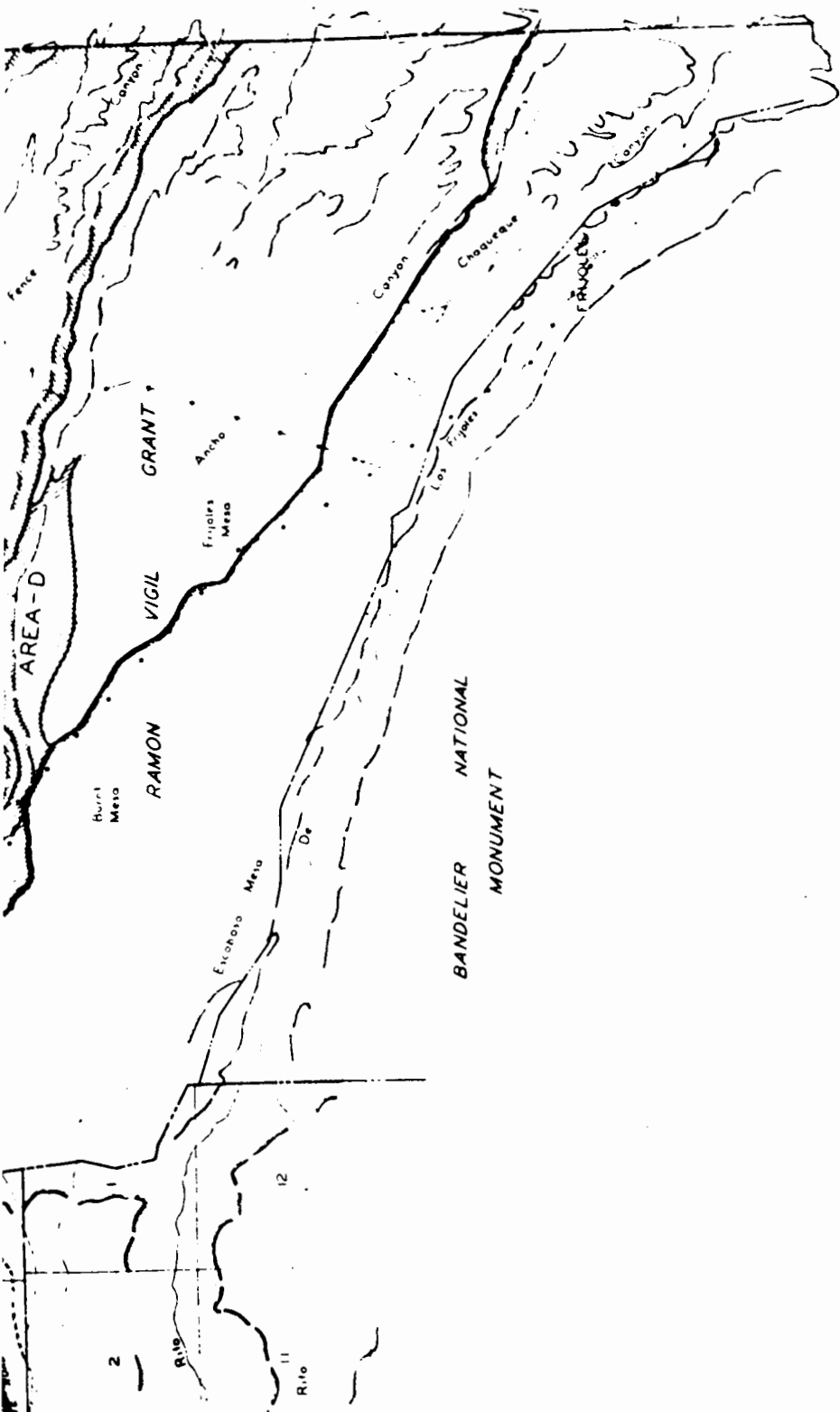
ACRES SOLD
ACRES TRANSFERRED
ACRES EXCHANGED
ACRES OTHERWISE

LEGEND

- AREA BOUNDARY 
- COUNTY LINE 
- GRANT LINE 
- LINES NOT SURVEYED 
- PROJECT BOUNDARY 
- GUAJE ALLOTMENT 
- PAJARITO ALLOTMENT 
- RAMON VIGIL ALLOTMENT 
- SAWYER MESA ALLOTMENT 

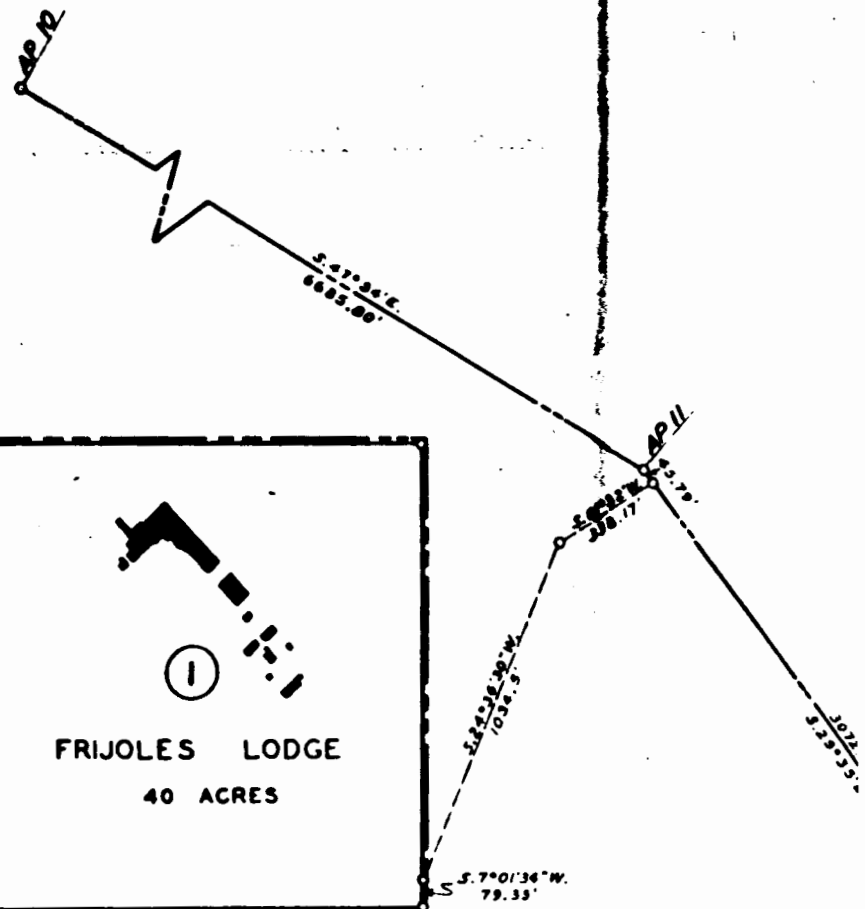
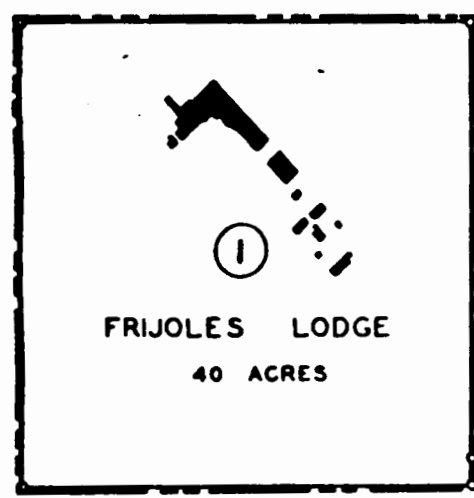
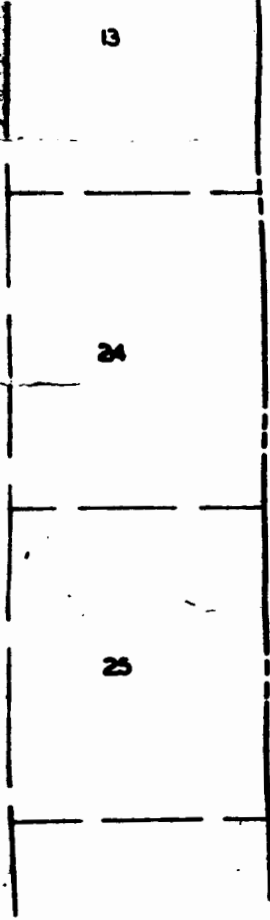


WAR DEPARTMENT, DICE
COUNTY SAGUO, N.M.
REAL ESTATE
LOS ALAMOS DEMOLITION RANGE
LOS ALAMOS, NEW MEXICO

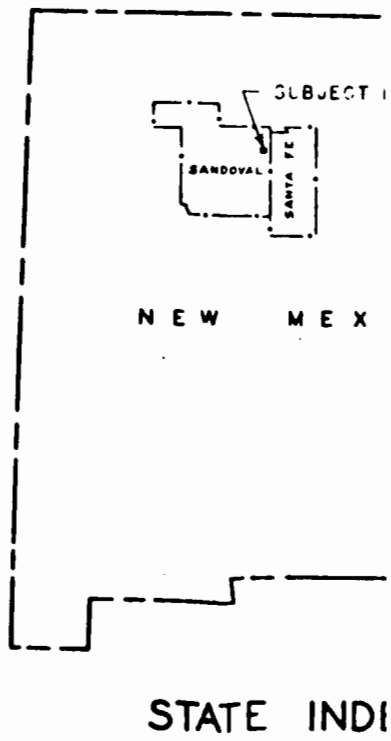
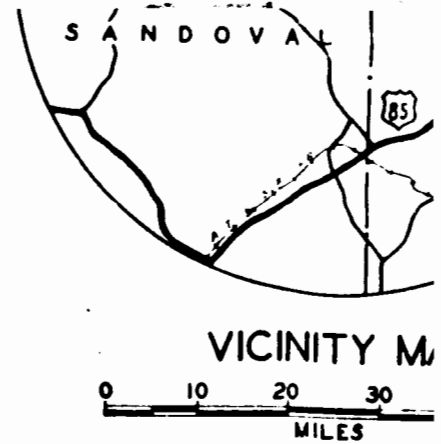
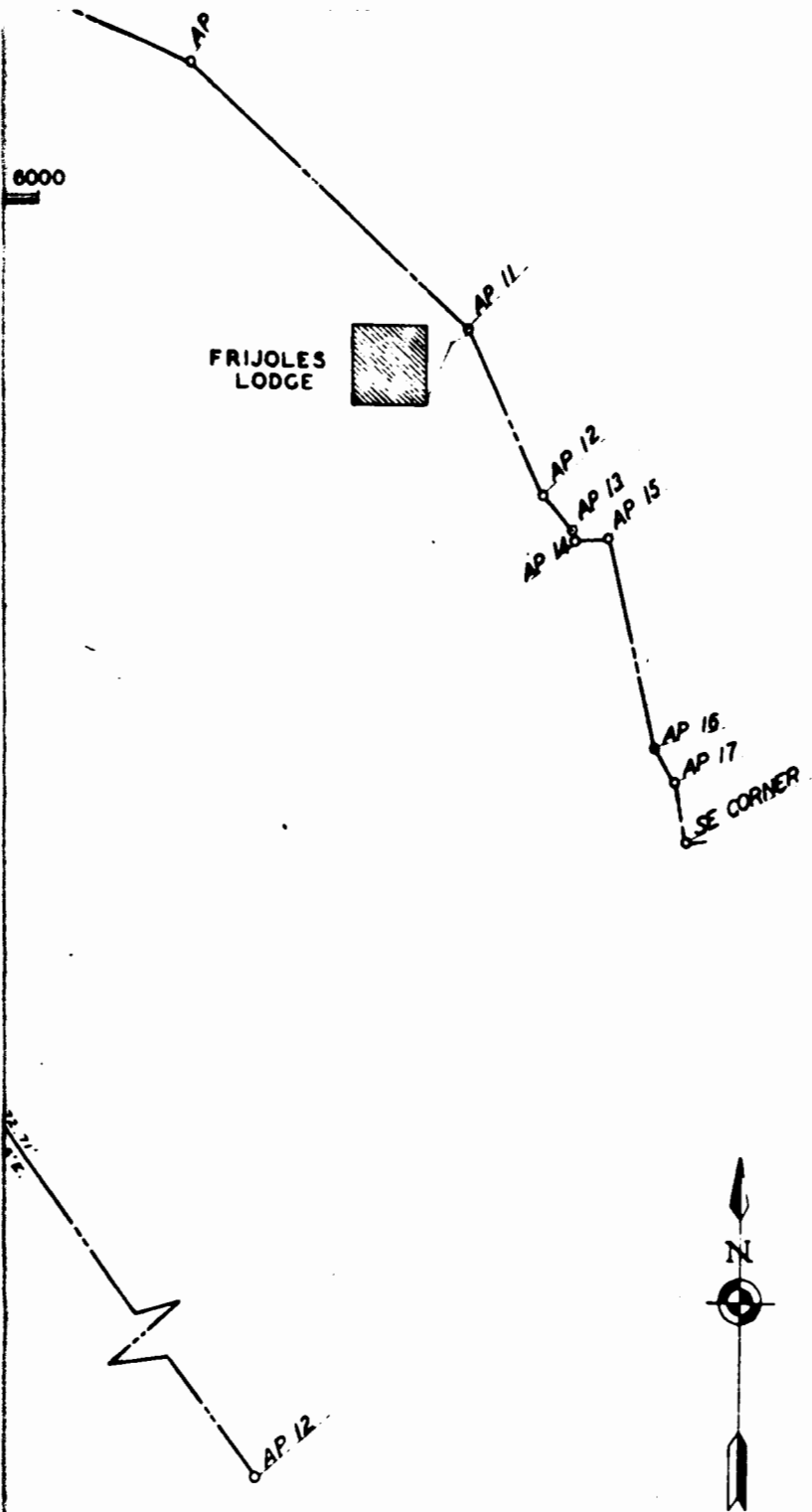


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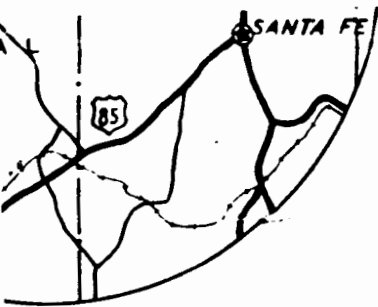
SCALE
3000
FEET



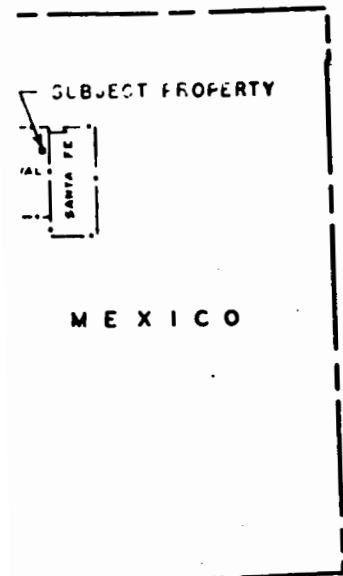
SCALE
500 1000
FEET



TRACT NO.	VENDOR	ACREAGE
1	MRS. EVELYN G FREY	40.00



CITY MAP



E INDEX

A-2

DIRECTIVE NO. NONE
 DATE NONE

ACRES OWNED BY W.D. _____
 ACRES LEASED BY W.D. 40.00
 ACRES LEASED FROM W.D. _____
 ACRES TRANSFERRED TO W.D. _____
 ACRES DONATED TO W.D. _____

DISPOSALS

ACRES SOLD _____
 ACRES TRANSFERRED _____
 ACRES EXCHANGED _____
 ACRES OTHERWISE _____

LEGEND

- PROJECT BOUNDARY
- STATE OR PROVINCE LINE
- COUNTY LINE
- PROPERTY LINE
- LAND-GRANT LINE
- CITY, VILLAGE OR BOROUGH
- CEMETERY, SMALL PARK, ETC.
- TOWNSHIP & RANGE LINE
- SECTION LINE

SCALE
 AS SHOWN

EXHIBIT 7

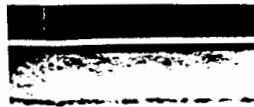
ENGINEERING DEPARTMENT
 CONSTRUCTION DIVISION
REAL ESTATE
FRIJOLETS LODGE
LOS ALAMOS DEMOLITION RANGE
LOS ALAMOS, N.MEX.

APPROVED BY E. A. Lian... DATE 9-2-43
 APPROVED BY Floyd T. Snyder DATE 9-2-43
 CAPT, CORP OF ENGINEERS.

DESIGNED BY JWS CHECKED JWS E.R.V.

DATE 10-7-43 GENERAL **APPROVED**

SHEETS 3 OF 3 DRAWING NO LA-NM-10/7



355555
11-19-50

WERE TAKEN FROM GENERAL
SHIP PLAT - 1936.

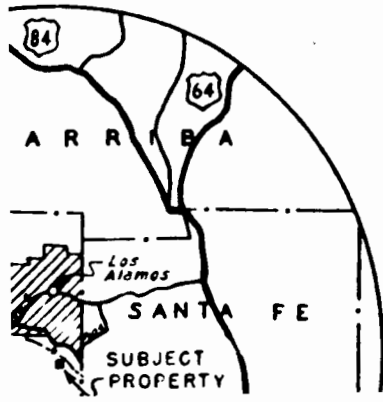
FINAL OWNERSHIP

STATE **NEW MEXICO**
 COUNTY **SANDOVAL**
 DIVISION **SOUTHWESTERN**
 DISTRICT **ALBUQUERQUE**
 SERVICE COMMAND **EIGHTH**
 USING AGENCY **SECRET**
 25 MILES NW OF **SANTA FE, N.M.**
 MILES OF

TRANSPORTATION FACILITIES

NONE	RAILROAD
NO. 4	STATE ROAD
NONE	FEDERAL ROAD
NONE	AIRLINE

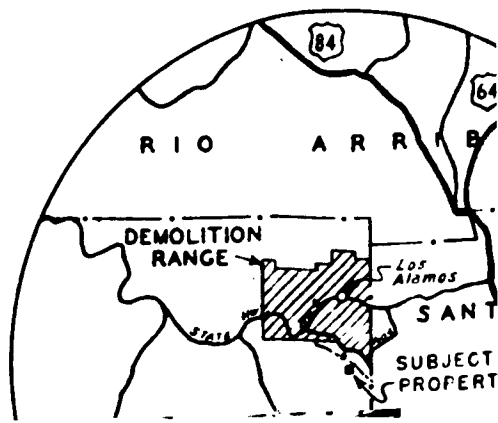
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SCALE

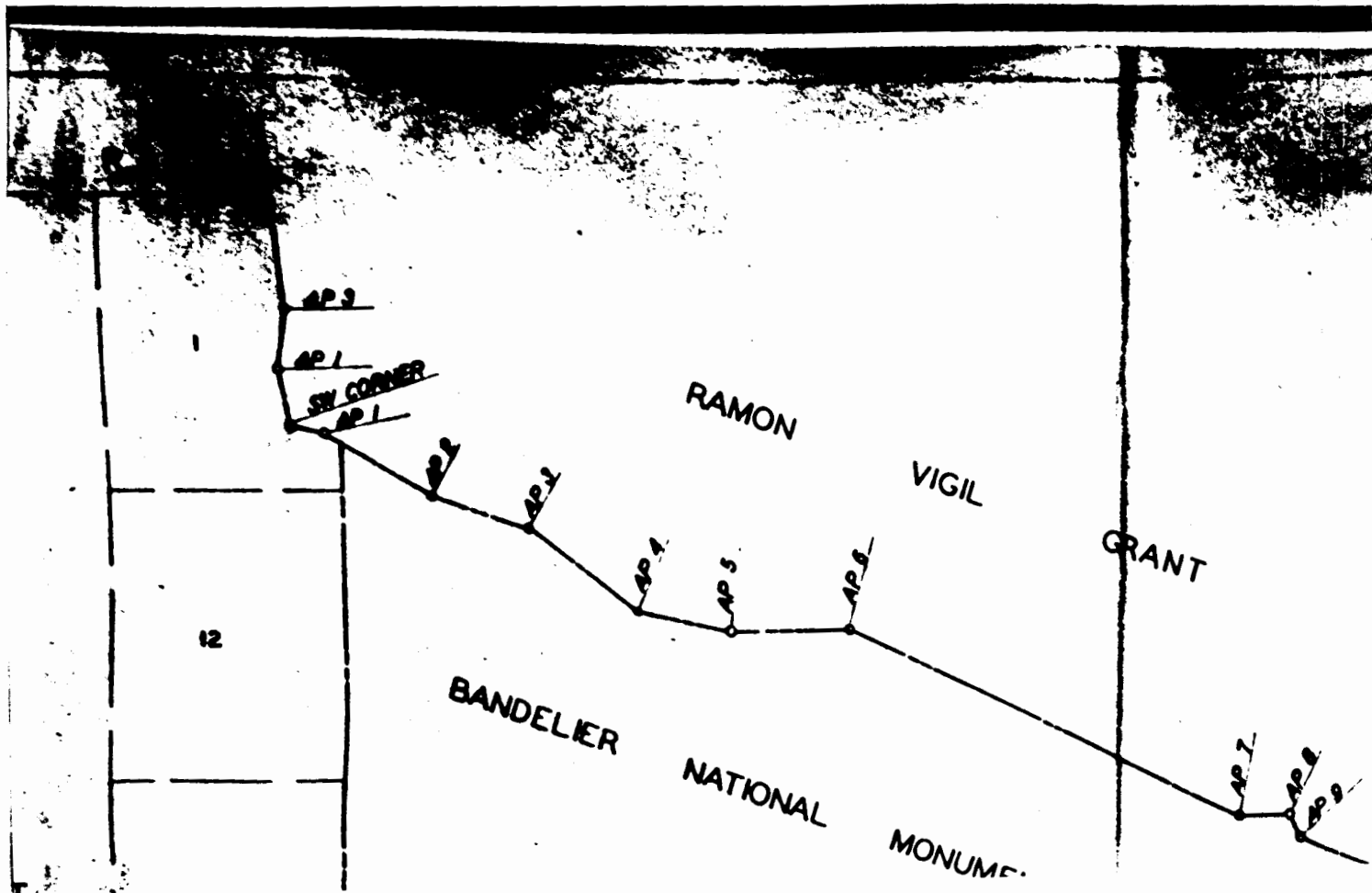


BEGIN AT THE SW. CORNER OF THE RAMON VIGIL GRANT.

COURSE	BEARING	DISTANCE
SW.COR. - AP 1	S.76 00 E.	0.15 CHAINS
AP 1 - AP 2	S.60 48 E.	34.88 "
AP 2 - AP 3	S.71 47 E.	28.62 "
AP 3 - AP 4	S.53 14 E.	38.87 "
AP 4 - AP 5	S.77 18 E.	27.48 "
AP 5 - AP 6	N.89 42 E.	34.31 "
AP 6 - AP 7	S.64 48 E.	128.40 "
AP 7 - AP 8	S.89 49 E.	15.40 "
AP 8 - AP 9	S.26 37 E.	6.54 "
AP 9 - AP 10	S.67 27 E.	83.11 "
AP 10 - AP 11	S.47 54 E.	101.30 "
AP 11 - AP 12	S.25 35 E.	47.25 "

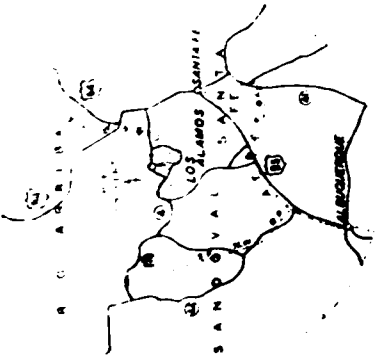
NOTE:
 THESE NOTES WERE TAKEN FROM
 LAND OFFICE TOWNSHIP PLAT - 1931





D C I

D S E



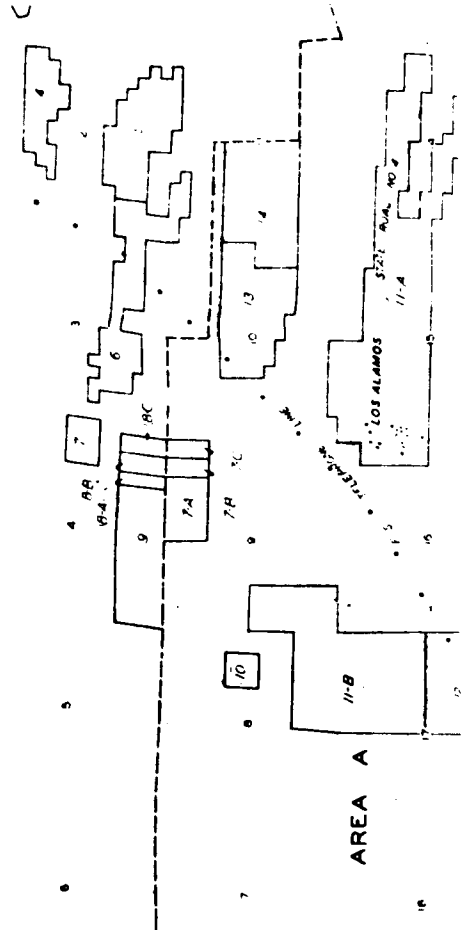
VICINITY MAP
 0 10 20 30 40 50
 MILES

T 20 N

AREA E

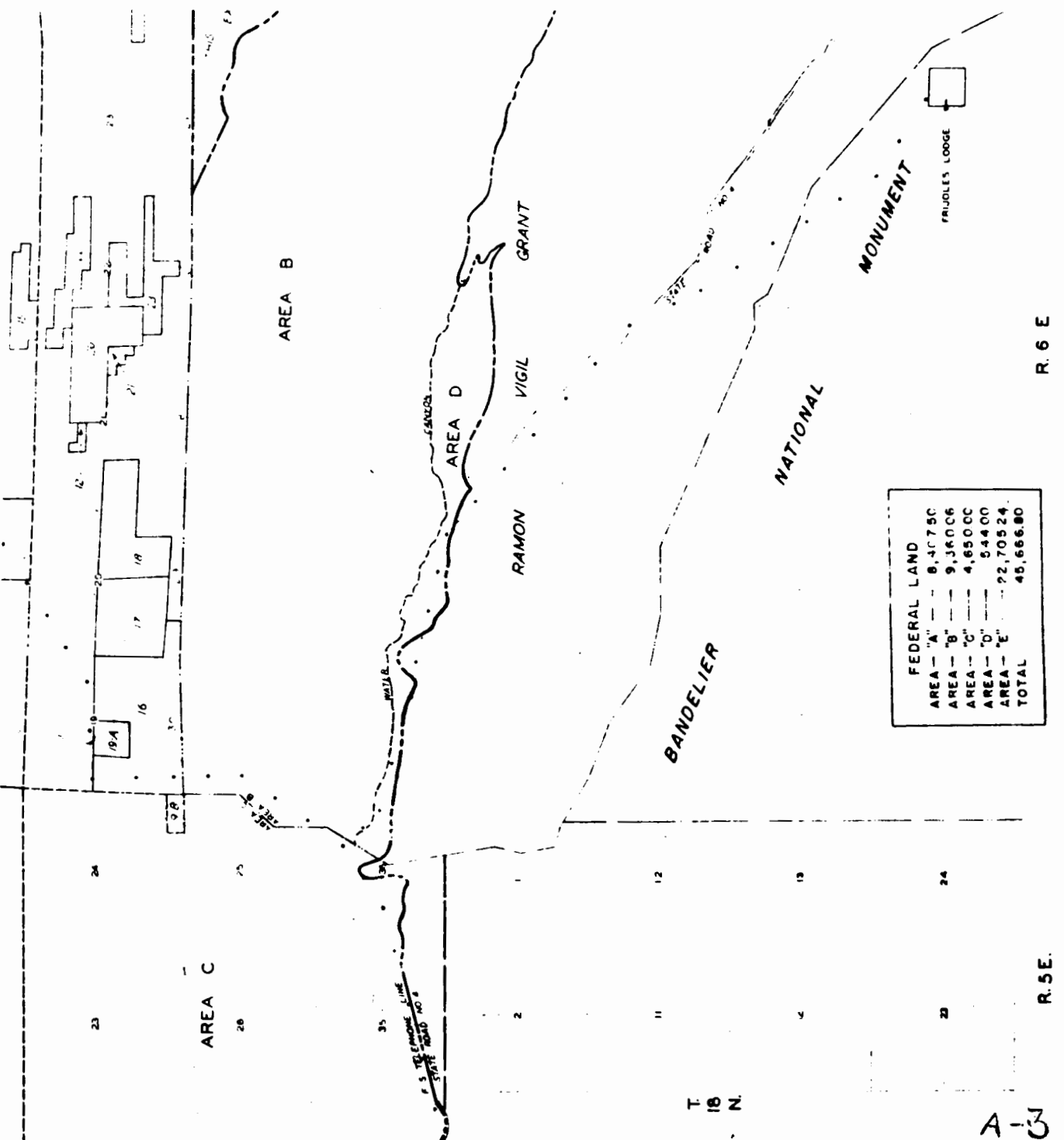
BACA LOCATION

NO. 1



AREA A

T 20 N



FEDERAL LAND	
AREA - "A"	8,417.50
AREA - "B"	9,360.00
AREA - "C"	4,650.00
AREA - "D"	5.44.00
AREA - "E"	22,705.24
TOTAL	45,666.80

USING AGENCY
25 MILES
55 MILES

TRANSP
NONE
NO. 4
NONE
NONE

ACRES OWNE
ACRES LEAS
ACRES LEAS
ACRES TRAN
ACRES DCNA
ACRES BY PE

ACRES SOLD
ACRES TRAN
ACRES EXCH
ACRES OTHE

STATE INDEX

22	23	24	25	26	27	28	29	30	31	32	33	34	35
----	----	----	----	----	----	----	----	----	----	----	----	----	----

TRACT	VENDOR	ACREAGE
A-1A	GO GRANT	50.00
A-7B	ERNESTO MONTIYA	15.00
A-7C	ADOLFO MONTIYA	15.00
A-10	FRANCISCO GONZALES	22.50
A-11A	LOS ALAMOS RANCH SCHOOL	470.00
A-11B	LOS ALAMOS RANCH SCHOOL	320.00
A-12	RAMON DURAN, ET AL	160.00
A-13	MARCEL LUJAN & ELFEGO GOMEZ	150.00
A-14	MARTIN LUJAN	160.00
A-15	ENRIQUEZ MONTIYA	82.50
B-1	MRS. SAUANDA ARCHULETA	34.07
B-2	FERRIN L. VIGIL	60.31
B-12	RAMON DURAN, ET AL	10.00
B-16	ALAN ROSS EST. ANCHOR RANCH	322.16
B-17	DONACIANO GOMEZ	180.00
B-18	JOSE ELFEGO & JOSE	180.00
B-19A	PATRICIO MONTIYA	40.00
B-19B	WALTER V. GROTTENTHALER	40.00
B-20	WALTER V. GROTTENTHALER	20.00
B-21	MRS. FRANCISQUITA ROMERO ET AL	160.00
B-22	VICTOR ROMERO	15.00
B-23	MONTIYA BROS	90.00
B-24	RAMON R. ROYBAL	107.50
B-25	JOSE M. & FROEL SERRA	82.25
B-26	FEDERICO GONZALES	72.50
B-27	DOMINGO ROYBAL	125.00
B-28	ESTANISLAO & CARLO GONZALES	152.50
B-29	GO GRANT	30.00
B-30	GO GRANT	10.00
B-31	ERNESTO MONTIYA	15.00
B-32	ADOLFO MONTIYA	15.00
B-33	ELFEGO GOMEZ	120.00
B-34	ADOLFO GARCIA ET AL	160.00
B-35	ADOLFO GARCIA	339.90
B-36	ESQUEL GARCIA, ESTATE	57.48
B-37	JOSE L. GARCIA	35.53
TOTAL		3,599.70

PROJECT BOUNDARY
AREA BOUNDARY
COUNTY LINE
LAND GRANT LINE
PROPERTY LINE
TOWNSHIP & RANGE
SECTION LINE
STATE OR PROVINCE

DIRECTIVE NO. 8730
DATE 11-10-1945 BY UNCEV:1945

R. 6 E.
R. 5 E.

LOS AL

RECOMMENDED.
APPROVED

DATE BY
STATE TRAC
COUNTY TRAC
TOWNSHIP TRAC
SECTION TRAC

PAGE 2

USING AGENCY SECRET
 25 MILES NW OF SANTA FE, N.M.
 55 MILES NNE OF ALBUQUERQUE, N.M.

TRANSPORTATION FACILITIES

NONE RAILROAD
 NO. 4 STATE ROAD
 NONE FEDERAL ROAD
 NONE AIRLINE

LAND AREA

ACRES OWNED BY W.D. 3,599.70
 ACRES LEASED BY W.D.
 ACRES LEASED FROM W.D.
 ACRES TRANSFERRED TO W.D.
 ACRES DONATED TO W.D.
 ACRES BY PERMIT TO W.D. 45,666.80

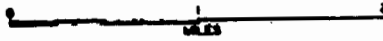
DISPOSALS

ACRES SOLD
 ACRES TRANSFERRED
 ACRES EXCHANGED
 ACRES OTHERWISE

LEGEND

PROJECT BOUNDARY	
AREA BOUNDARY	
COUNTY LINE	
LAND GRANT LINE	
PROPERTY LINE	
TOWNSHIP & RANGE LINE	
SECTION LINE	
STATE OR PROVINCE LINE	

SCALE
 2 INCHES = 1 MILE



WAR DEPARTMENT, C.G.E.
 CONSTRUCTION DIVISION

REAL ESTATE
 LOS ALAMOS DEMOLITION RANGE
 LOS ALAMOS, NEW MEXICO

RECOMMENDED James Higgins DATE 6-16-43

APPROVED [Signature] DATE 6-16-43

COMPILED: E.R.V. TRACED: E.R.V. CHECKED: C.H.

DATE	BY	REVISIONS	APPROVED
		TRACTS A-7-A, A-7-B, A-7-C, E-8-A, E-8-B,	
		E-8-C. TRACTS 26 & 27 REMOVED	
		TRACTS E-3, E-8 & E-25, REVISED.	
		GENERAL	

SETS: 2 OF 3 DRAWING NO LA-NM-10/5

CR-Form-177A

MONUMENT

FRIJOLE LODGE

R. 6 E

FEDERAL LAND

AREA "A" --- 8,407.80
 AREA "B" --- 9,360.06
 AREA "C" --- 4,650.00
 AREA "D" --- 544.00
 AREA "E" --- 22,705.24
 TOTAL 45,666.80

DIRECTIVE NO. 5780
 DATE 1 DEC 1943 BY H.M.V. 1943

24

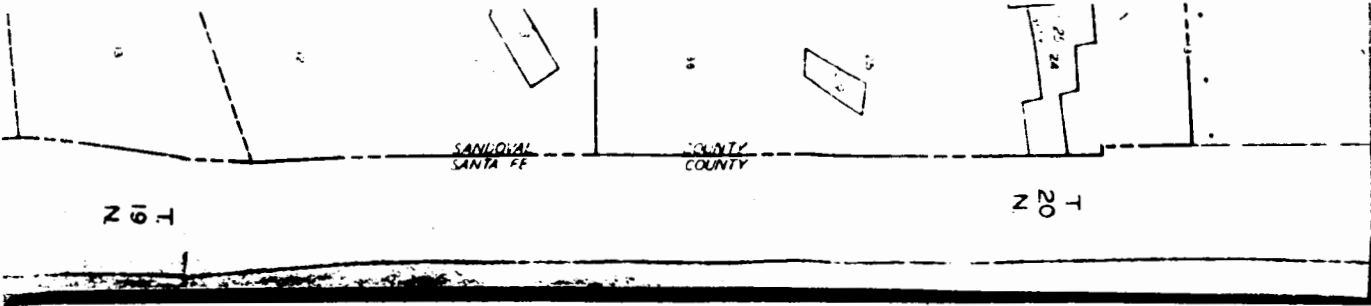
R. 5 E.

A-3

8-21	VICTOR ROMERO	15.00
8-22	MONTAÑA BROS.	90.00
8-23	RAMON R. ROYBAL	107.50
8-24	JOSE M. & FIDEL SERNA	62.25
8-25	FRANCISCO GONZALES	72.50
8-26	MORAN ROYBAL	123.00
8-27	ESTANISLAO & CARLO GONZALES	152.50
8-28	D.G. GRANT	30.00
8-29	O.O. GRANT	10.00
8-30	ERNESTO MONTAÑA	15.00
8-31	AUGUSTO MONTAÑA	15.00
8-32	ELFEBO GOMEZ	120.00
8-33	ADOLFO GARCIA ET AL	180.00
8-34	ADOLFO GARCIA	339.80
8-35	ESEVEL GARCIA, ESTATE	57.48
8-36	JOSE L. GARCIA	35.53
		TOTAL 3,599.70

SANJOAQUIN
 SANTA FE

Z 6 H



SAN JUAN
SANTA FE
COUNTY

T 19
N

T 20
N

- 10 -

T 18 Z

STATE NEW
COUNTY SAN
DIVISION SOU
DISTRICT ALE
SERVICE COM

284

SANTA FE

NO. 1



FINAL OWNERSHIP

STATE NEW MEXICO
 COUNTY SANDOVAL
 DIVISION SOUTHWESTERN
 DISTRICT ALBUQUERQUE
 SERVICE COMMAND EIGHTH

REST
IRED
MPLE
MIT
SE

C A N O N D E S A N D I E G O G R A N T

S P R I N G S

R E D O N D O C R E E K

R E D O N D O

4

4

4

J E M E Z
S P R I N G S

S A N T A F E

P O N D E R O S A

N A T I O N A L

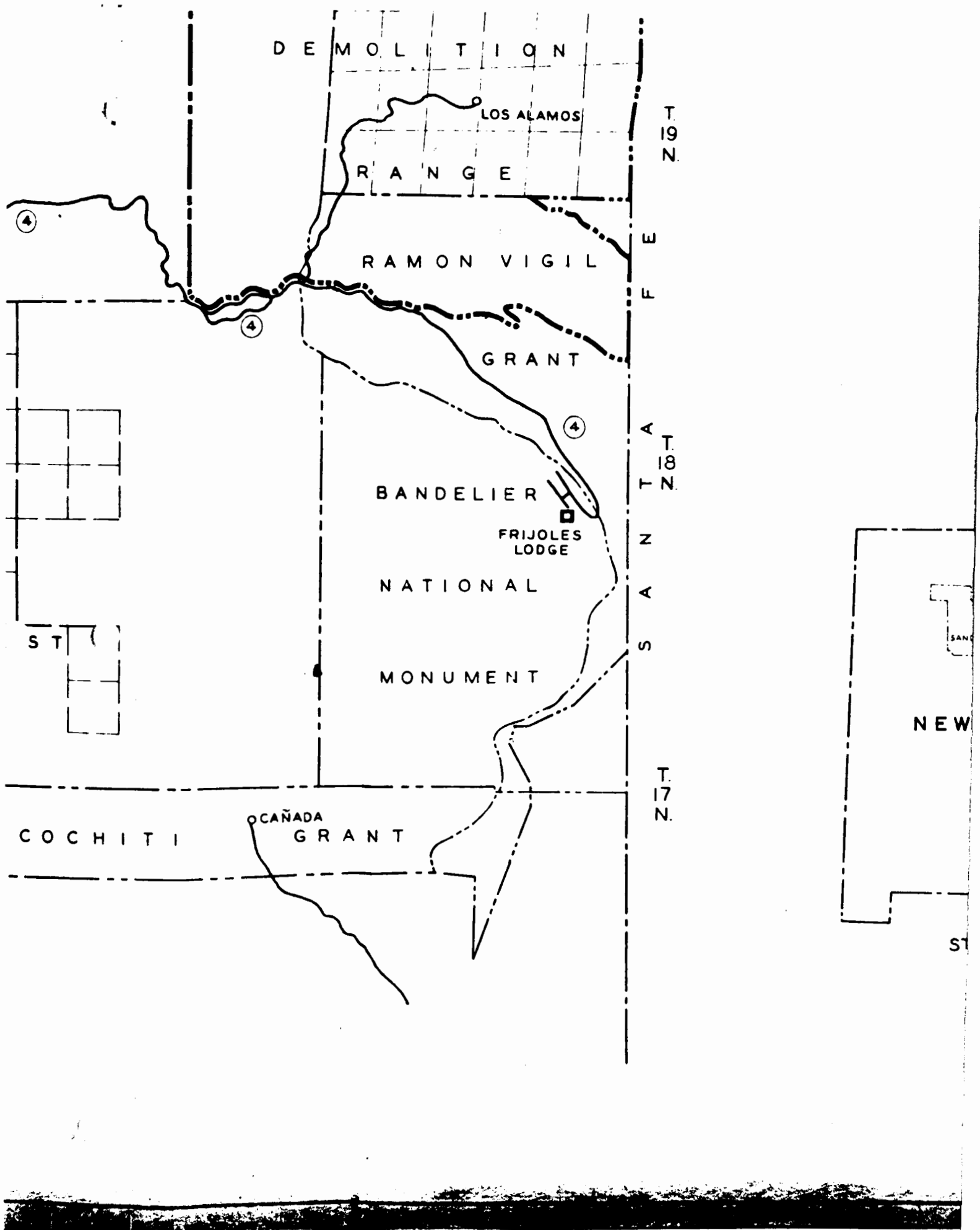
F O R T S

O J O
D E
S A N J O S E
G R A N T

C A N A D A D E C

V A L L E C I T O S







NOVAL

MEXICO

STATE INDEX

A-4



— LAND AREA —

ACRES OWNED BY W.D. 3,599.70
 ACRES LEASED BY W.D. 40.00
 ACRES LEASED FROM W.D. _____
 ACRES TRANSFERRED TO W.D. _____
 ACRES DONATED TO W.D. _____
 ACRES BY PERMIT 45,666.80

— DISPOSALS —

ACRES SOLD _____
 ACRES TRANSFERRED _____
 ACRES EXCHANGED _____
 ACRES OTHERWISE _____

— LEGEND —

PROJECT BOUNDARY — [Symbol]
 STATE OR PROVINCE LINE — [Symbol]
 COUNTY LINE — [Symbol]
 PROPERTY LINE — [Symbol]
 LAND-GRANT LINE — [Symbol]
 CITY, VILLAGE, OR BOROUGH — [Symbol]
 CEMETERY, SMALL FARM, ETC. — [Symbol]
 TOWNSHIP & RANGE LINE — [Symbol]
 SECTION LINE — [Symbol]

— SCALE —

1 INCH = 2 MILES



EXHIBIT 8

WAR DEPARTMENT, O. C. E.
CONSTRUCTION DIVISION

REAL ESTATE

LOS ALAMOS DEMOLITION RANGE
AND FACILITIES

LOS ALAMOS NEW MEXICO

RECOMMENDED *Charles G. Apple* DATE 5-20-44

APPROVED *[Signature]* DATE 5-20-44
CAPT, CORPS OF ENGINEERS.

COMPILED W.S. TRACED W.S. CHECKED C.H.A.

DATE BY _____ REVISIONS _____ APPROVED _____



C

(S) R

**FINAL
LOCATION**

STATE NEW MEXICO
COUNTY SANDOVAL
DIVISION SOUTHWESTERN
DISTRICT ALBUQUERQUE
SERVICE COMMAND EIGHTH
USING AGENCY SECRET
25 MILES N.W. OF SANTA FE, N.M.
MILES OF



TRANSPORTATION FACILITIES

NONE RAILROAD
No. 4 STATE ROAD
NONE FEDERAL ROAD
NONE AIRLINE

INTEREST ACQUIRED	COST	STATUS ACQUISITION COMPLETED
FEE SIMPLE	\$ 57,255.00	IN CONDEMNATION
PERMIT	NONE	4-8-43
LEASE	\$ 600.00 PA.	IN CONDEMNATION

R I B A

R.5E

R.6E

SANTA CLARA INDIAN

RESERVATION

LOS ALAMOS

PROJECT	ACRES	TRACTS	INTERES ACQUIRE
LOS ALAMOS	3,599.70	35	FEE SIMPL
DEMOLITION RANGE	45,666.80	1	PERMIT
FRIJOLES LODGE	40.00	1	LEASE

R I O A R

R. 2 E.

R. 3 E.

R. 4 E.

T. 20 N.

RIO

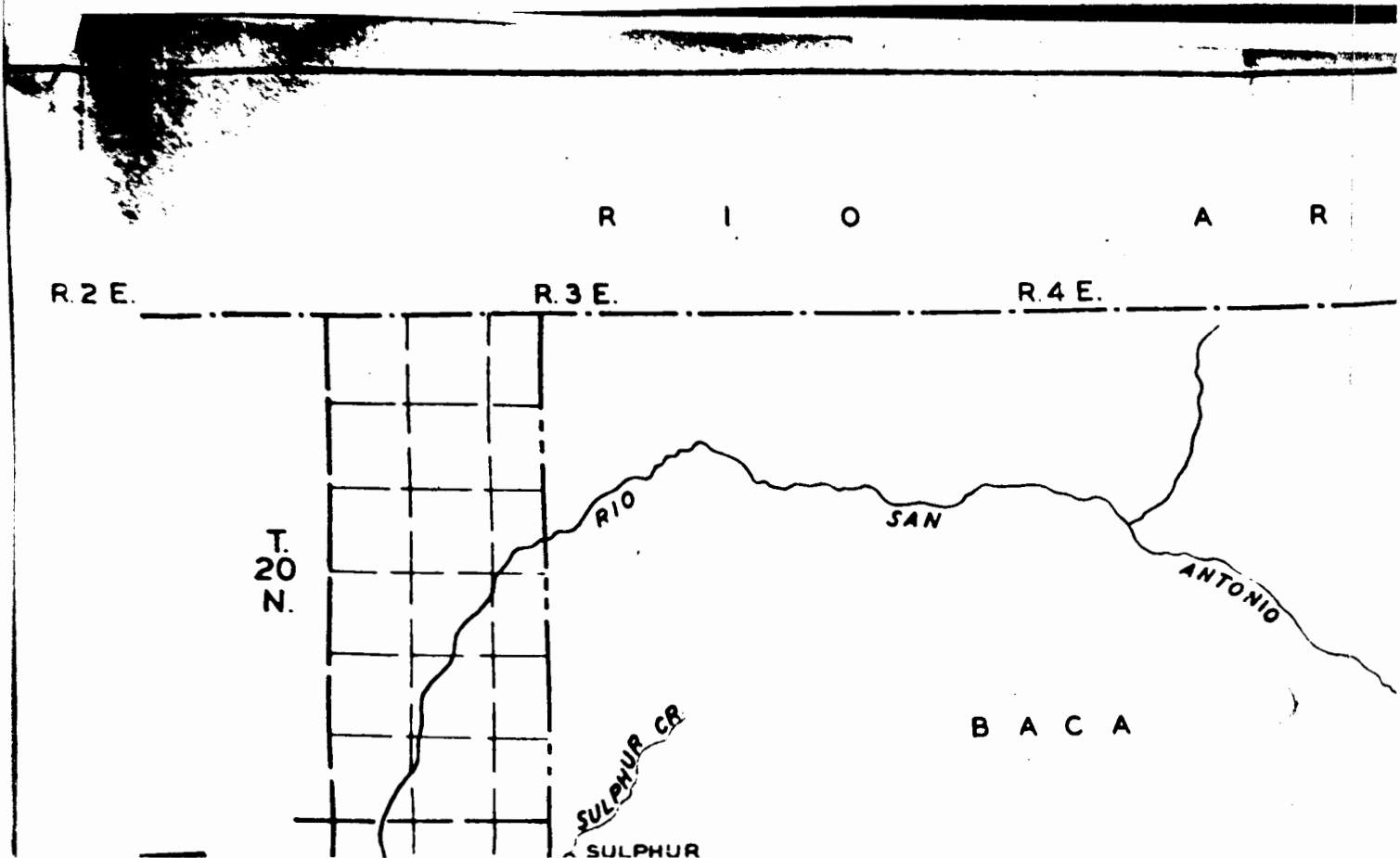
SAN

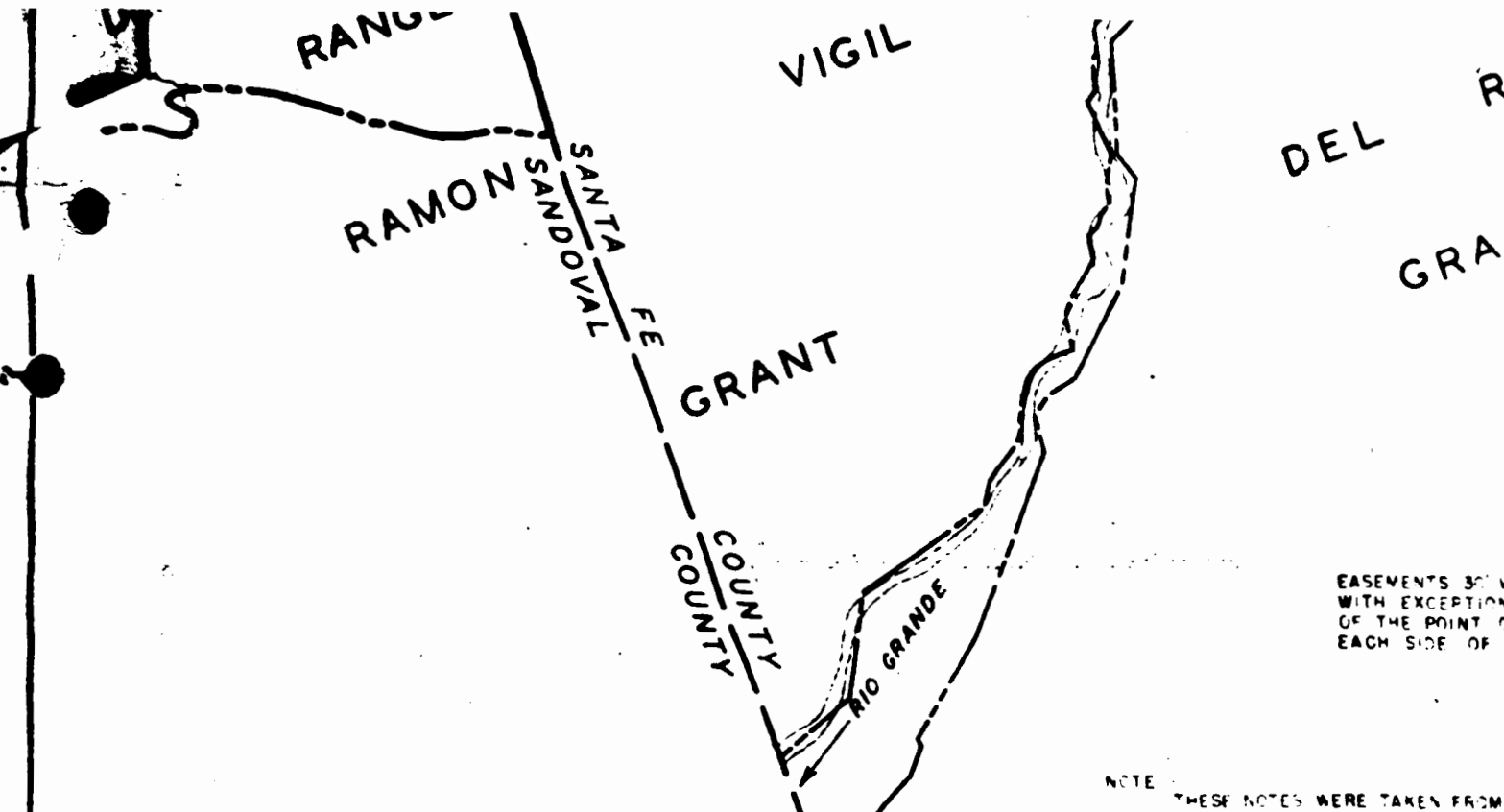
ANTONIO

SULPHUR CR

B A C A

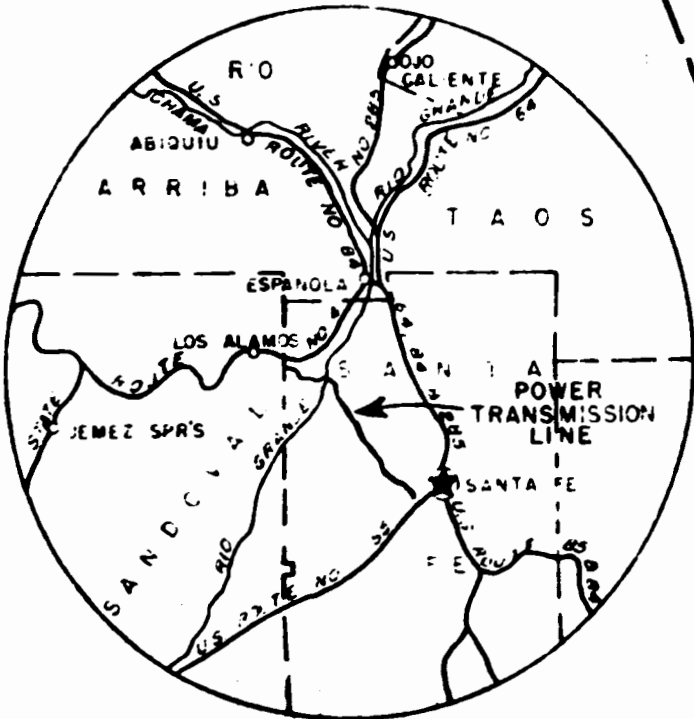
SULPHUR





EASEMENTS 30' W/ WITH EXCEPTION OF THE POINT OF EACH SIDE OF CI

NOTE THESE NOTES WERE TAKEN FROM A

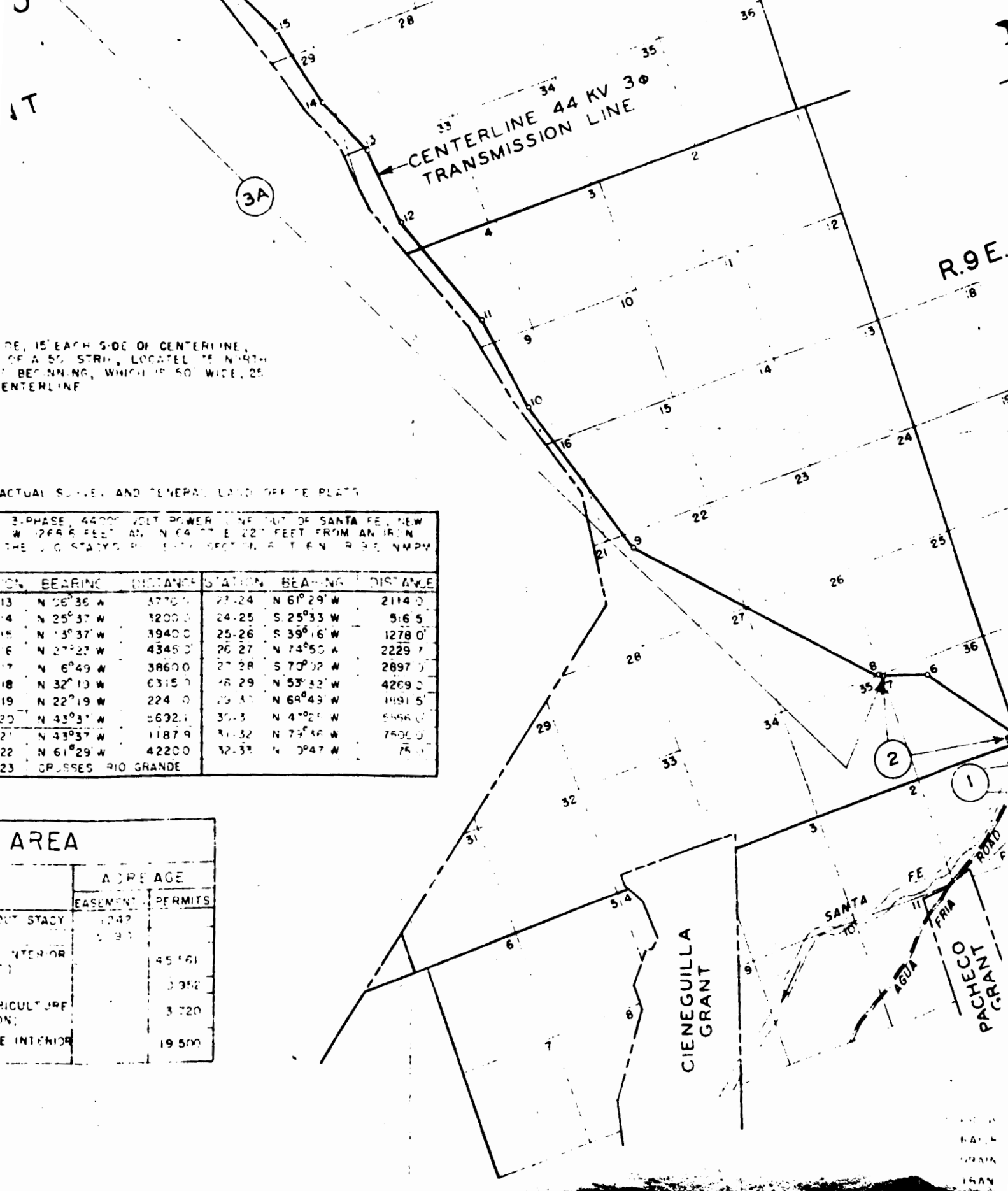


BEGINNING AT A POINT ON THE EXISTING MEXICO, SA. POINT BEARING N 19° 33' PIPE LOCATED ON THE WEST LINE OF SANTA FE COUNTY, NEW MEXICO.

STATION	BEARING	DISTANCE	STAT
1-2	N 25° 35' W	157	12
2-3	N 01° 34' W	100	13
3-4	N 01° 34' W	1375	4
4-5	N 37° 19' W	66	15
5-6	N 37° 19' W	5342	16
6-7	N 71° 50' W	21987	17
7-8	N 71° 50' W	149	18
8-9	N 43° 01' W	1364	19
9-10	N 18° 21' W	8392	20
10-11	N 09° 51' W	463	21
11-12	N 21° 27' W	593	22

PROJECT	
TRACT NO	VENDOR
2	J. C. STAGG & COLE INC STATE OF NEW MEXICO
3A	U. S. DEPARTMENT OF THE GRAZING SERVICE
3B	
4	U. S. DEPARTMENT OF AGRICULTURE (SOIL CONSERVATION SERVICE)
5	U. S. DEPARTMENT OF THE INTERIOR (INDIAN SERVICE)

VICINITY MAP



15' EACH SIDE OF CENTERLINE,
OF A 50' STRIP, LOCATED 75' NORTH
OF BEGINNING, WHICH IS 50' WIDE, 25'
CENTERLINE

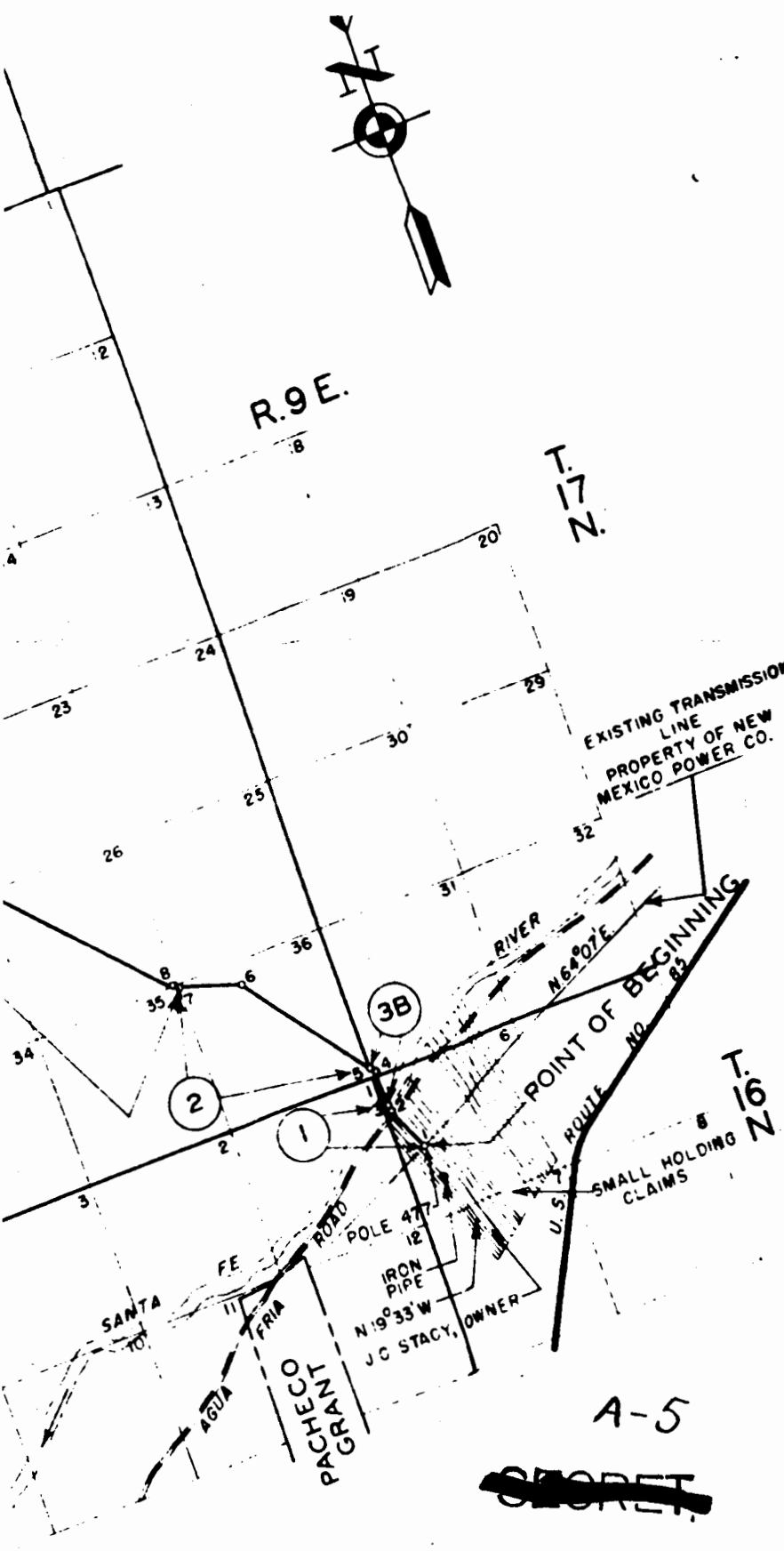
ACTUAL SURVEY AND GENERAL LAND OFFICE PLATS

3-PHASE, 44000 VOLT POWER LINE OUT OF SANTA FE, NEW
MEXICO, 268.6 FEET ASIN N 64° 27' E 227 FEET FROM AN IRON
PICKET STATION, BEARING SECTION, SECTION 1, T. 1 N. R. 9 E. N.M.P.M.

STATION	BEARING	DISTANCE	STATION	BEARING	DISTANCE
13	N 06° 36' W	3770.0	23-24	N 61° 29' W	2114.0
14	N 25° 37' W	3200.0	24-25	S 25° 33' W	516.5
15	N 13° 37' W	3940.0	25-26	S 39° 16' W	1278.0
16	N 27° 27' W	4345.0	26-27	N 74° 50' W	2229.7
17	N 6° 49' W	3860.0	27-28	S 70° 02' W	2897.0
18	N 32° 13' W	6315.0	28-29	N 53° 33' W	4269.0
19	N 22° 19' W	224.0	29-30	N 68° 43' W	1491.5
20	N 43° 31' W	5632.1	30-31	N 4° 02' W	5856.0
21	N 43° 37' W	1187.9	31-32	N 73° 16' W	7500.0
22	N 61° 29' W	4220.0	32-33	N 0° 47' W	75.0
23	CROSSES RIO GRANDE				

AREA	ACREAGE	
	EASEMENT	PERMITS
BOUNT STACY	1042	1931
THE INTERIOR (C)	45161	
	3352	
AGRICULTURE (D)	3720	
THE INTERIOR (E)	19500	

SCALE
1:5000



~~SECRET~~

PROJECT AREA REF: 27305 DATE: 2-14-45
 FEDERAL ACQUISITION DATE:
 MANAGEMENT AUTHORITY DATE:
 TRANSFER DATE:

ACRES LEASED _____
 ACRES TRANSFERRED TO W.D. _____
 ACRES PERMITS, OR LICENSES 69,733

DISPOSALS

TOTAL ACRES DISPOSED OF _____
 ACRES SOLD _____
 ACRES TRANSFERRED _____
 ACRES EXCHANGED _____
 ACRES LEASED FROM W.D. _____
 ACRES OTHERWISE _____

LEGEND

- RESERVATION LINE _____
- STATE OR PROVINCE LINE _____
- COUNTY LINE _____
- DIVISION DISTRICT PRECINCT _____
- LAND-GRANT LINE _____
- CITY, VILLAGE OR BURGESS _____
- TEMPLE, SMALL PARK, ETC. _____
- TOWNSHIP & RANGE LINE _____
- SECTION LINE _____

RUNWAY APPROACH ZONE AREA

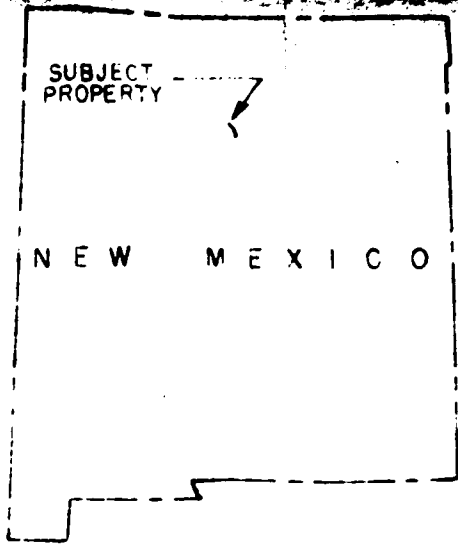
AIRPORT EASEMENT _____
 Scale in Miles
 0 1 2

EXHIBIT 6

WAR DEPARTMENT
 DIVISION ENGINEER
 SOUTHWESTERN DIVISION
LOS ALAMOS DEMOLITION RAN
POWER TRANSMISSION LINE

APPROVED: _____ DATE: 14 MARCH 19
 ENGINEER IN CHARGE
 APPROVED: _____ DATE:
 CHIEF OF ENGINEERS
 CIVIL ENGINEER

DESIGNED BY: J.W.S. CHECKED BY: J.W.S. CHECKED BY: C.H.A.
 DATE: _____



STATE INDEX

PROJECT OWNERSHIP MAP
(TYPE OF MAP)

STATE NEW MEXICO
 COUNTY SANTA FE
 DIVISION SOUTHWESTERN
 SERVICE U. S. ENGINEERS
 USING AGENCY SECRET
6 MILES S.W. OF SANTE FE
14 MILES S.W. OF ESPANOLA

TRANSPORTATION FACILITIES

NONE _____ RAILROAD
 ROUTE NO. 4 _____ STATE ROAD
 U. S. NO. 85 _____ FEDERAL ROAD
 NONE _____ AIRLINE

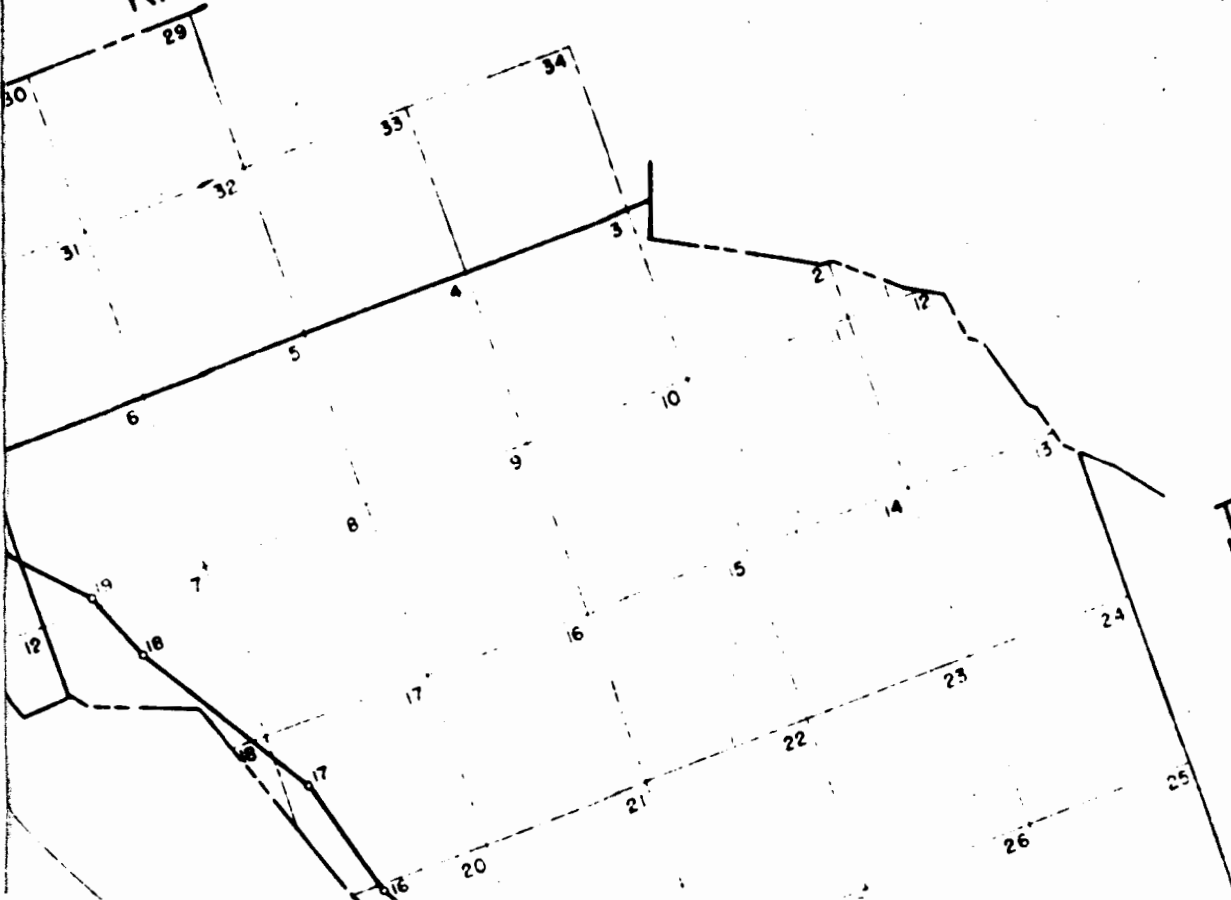
LAND AREA

TOTAL ACREAGE IN PROJECT 76.16
 ACRES FEE _____
 ACRES EASEMENT 6.43

27.



R.8E.

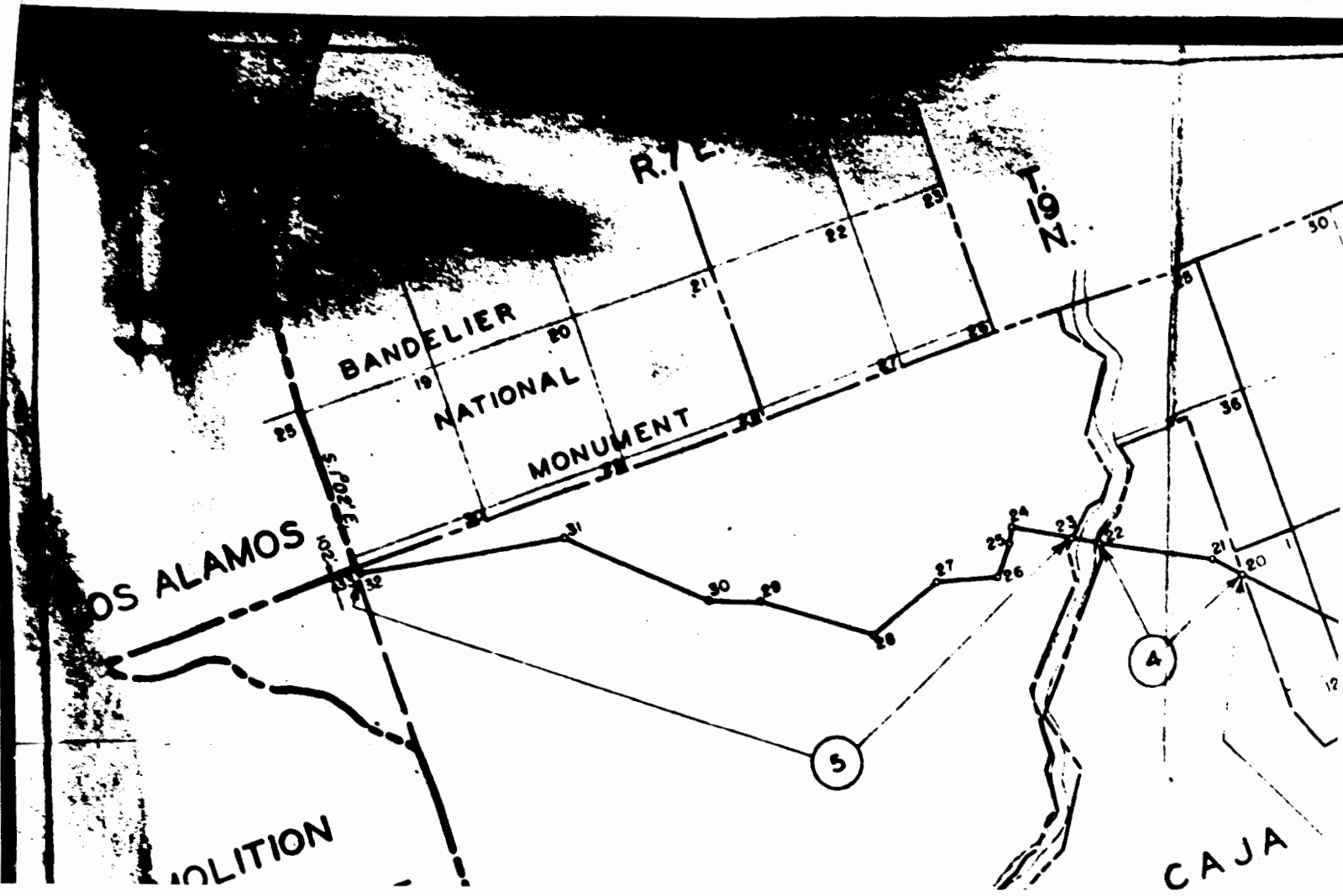


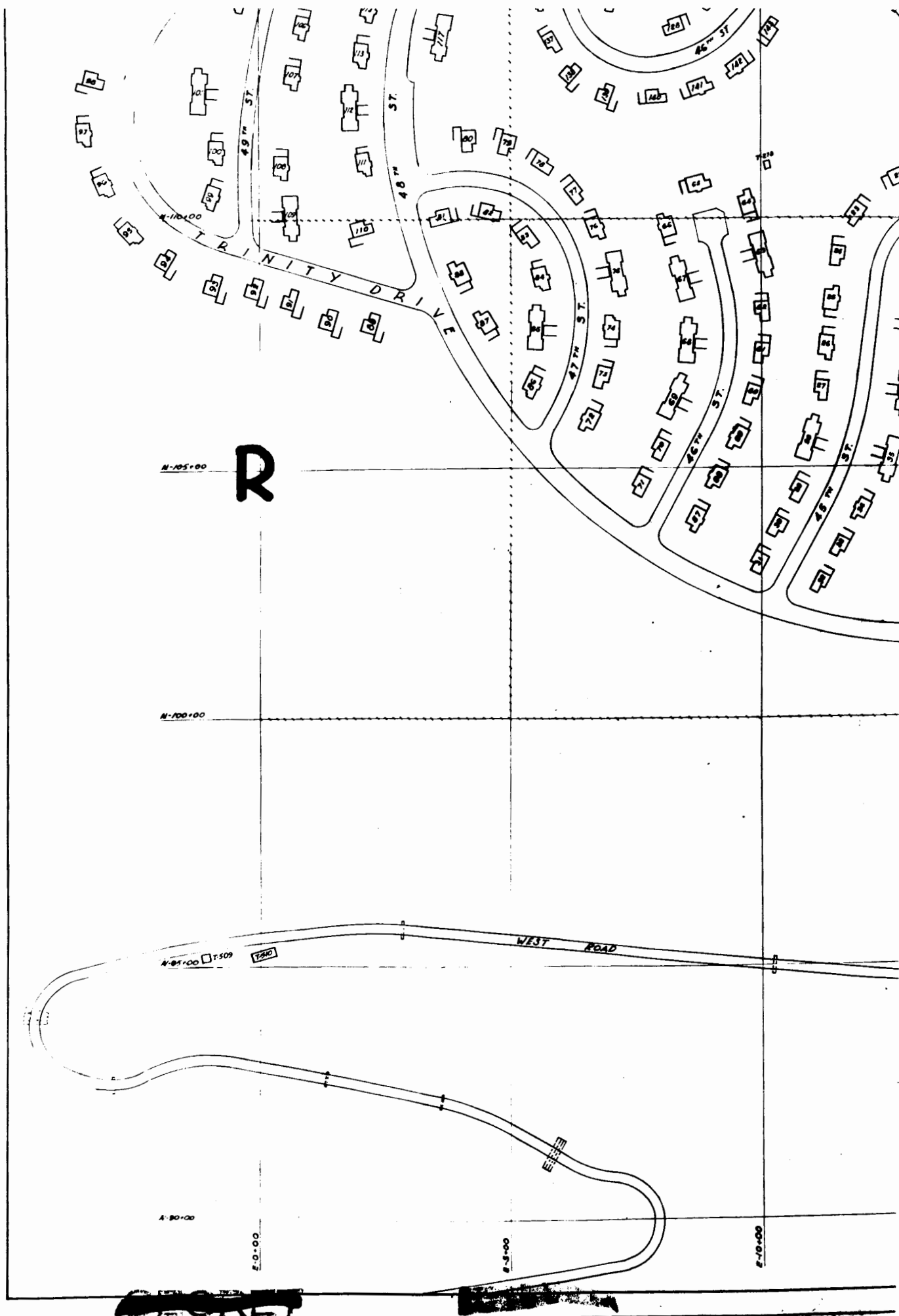
SUB
PROF

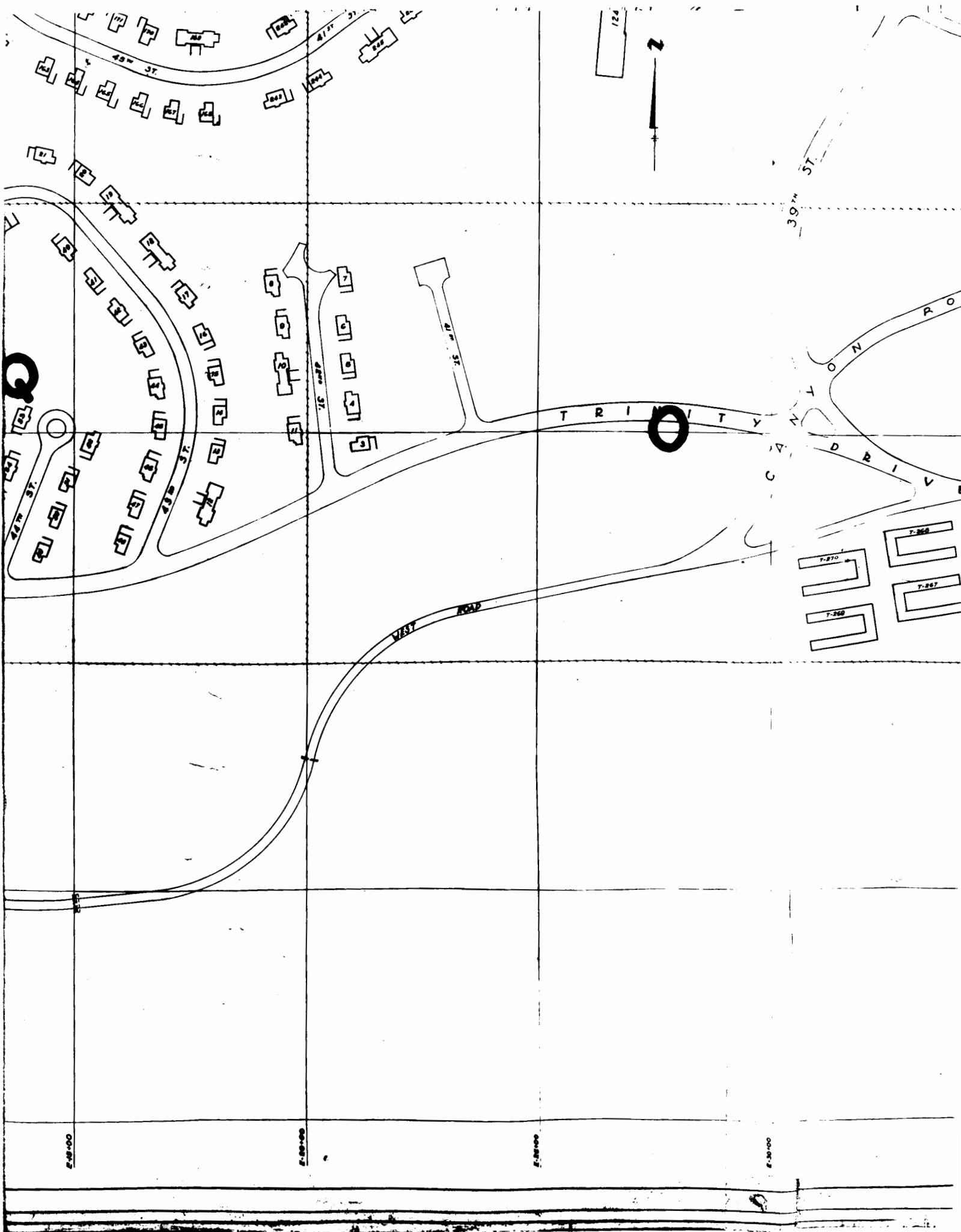
N E

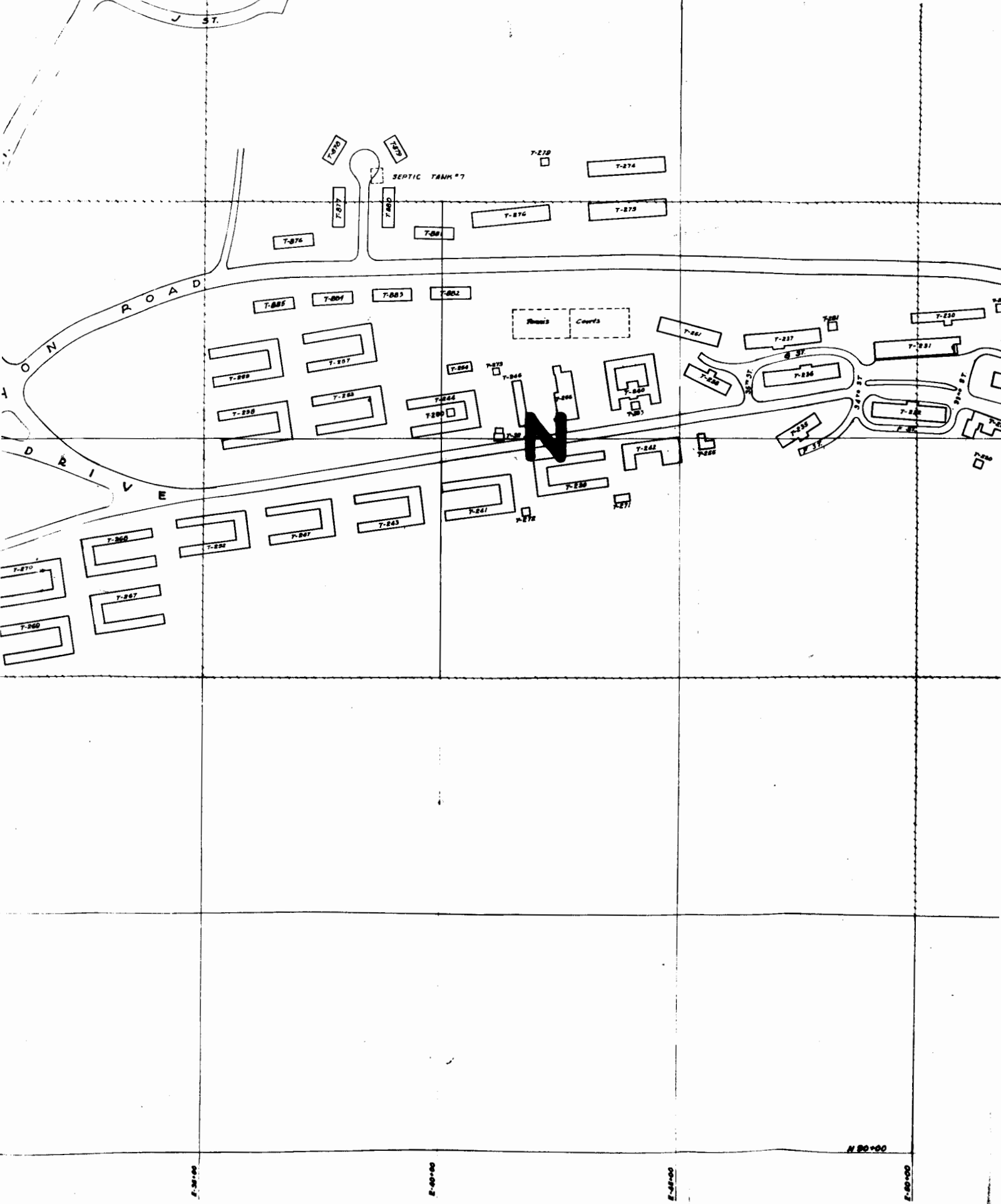
ST

T.8N.









J ST.

SEPTIC TANK #7

DRIVE
ROAD

N

Roads Courts

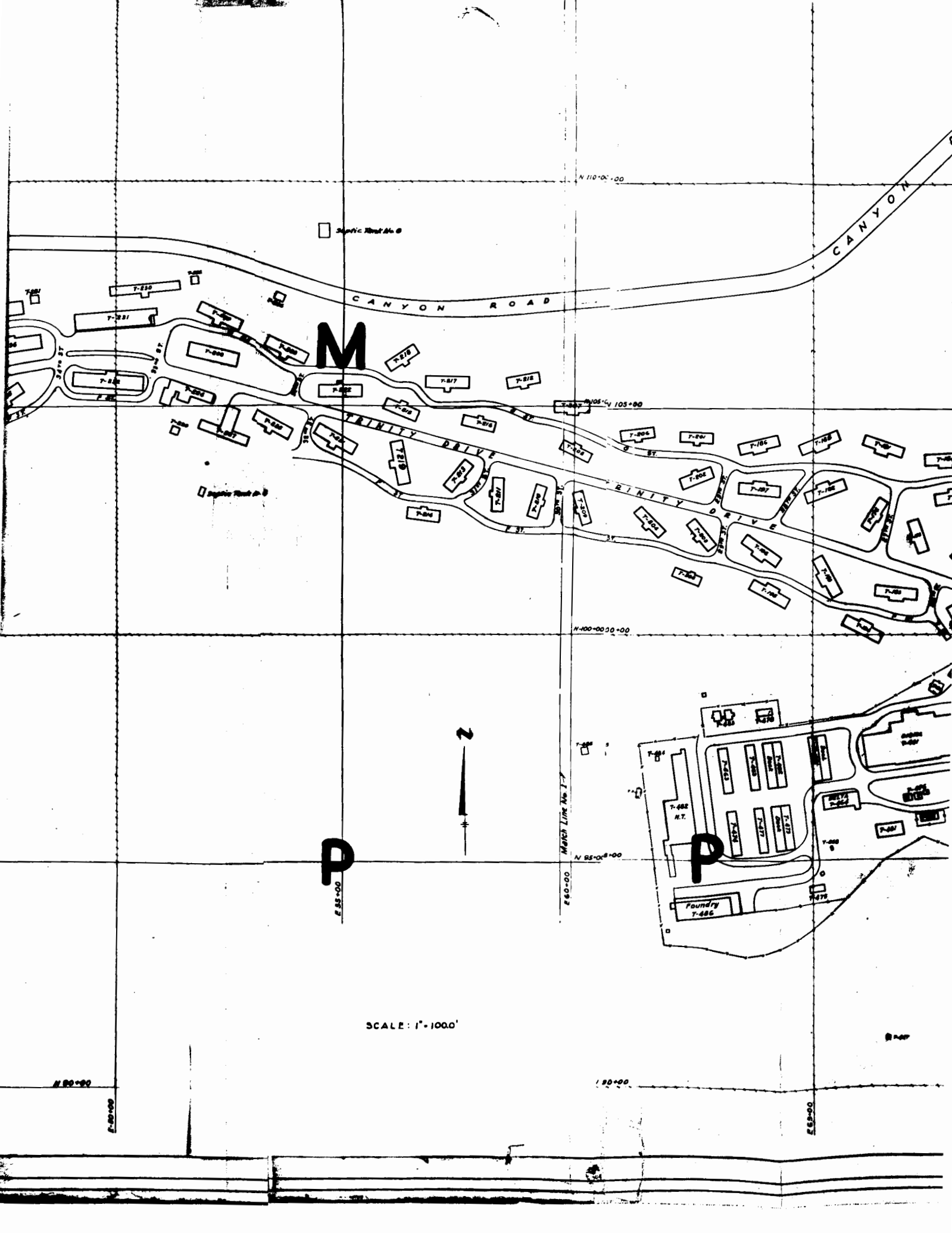
E-38+00

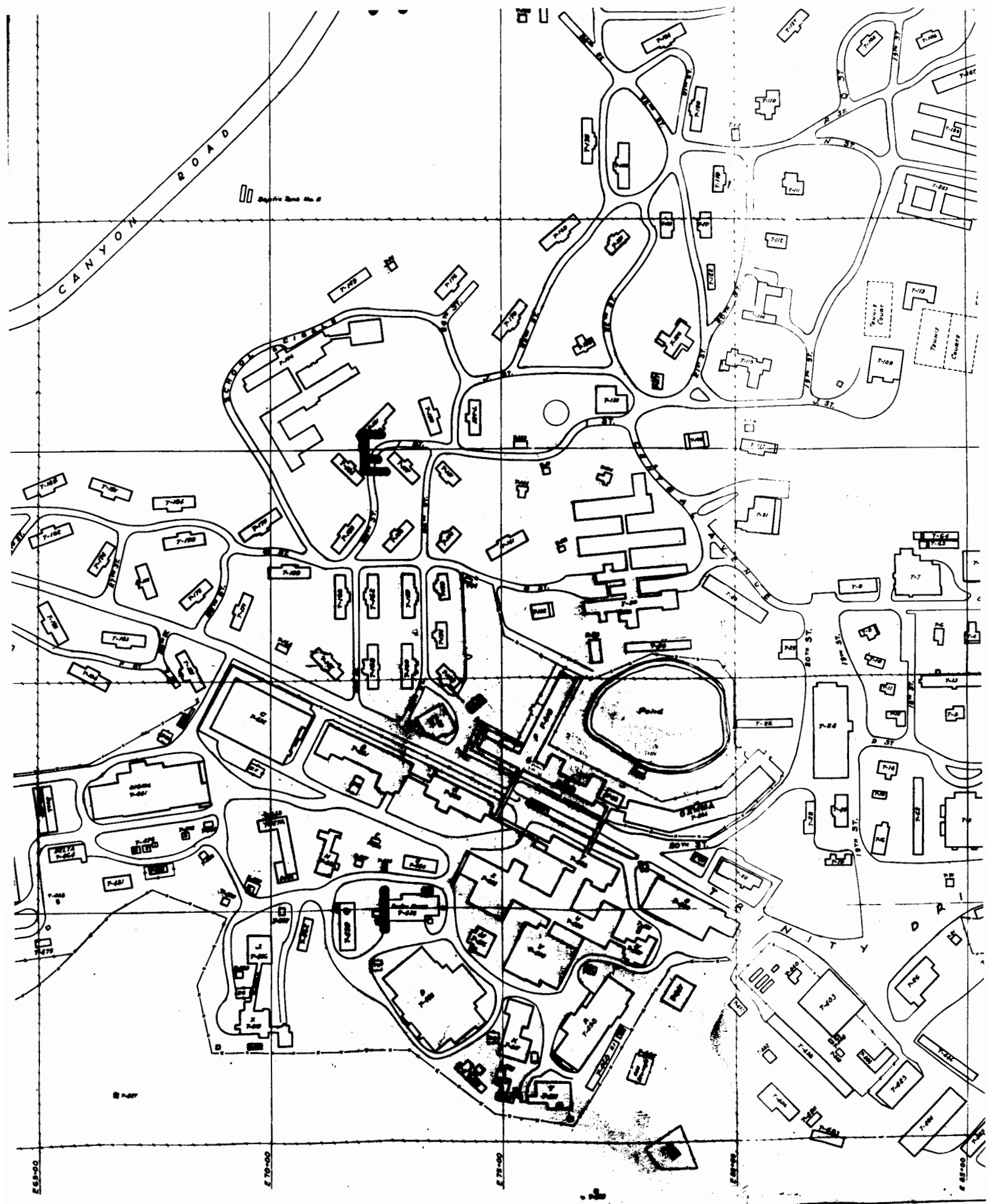
E-40+00

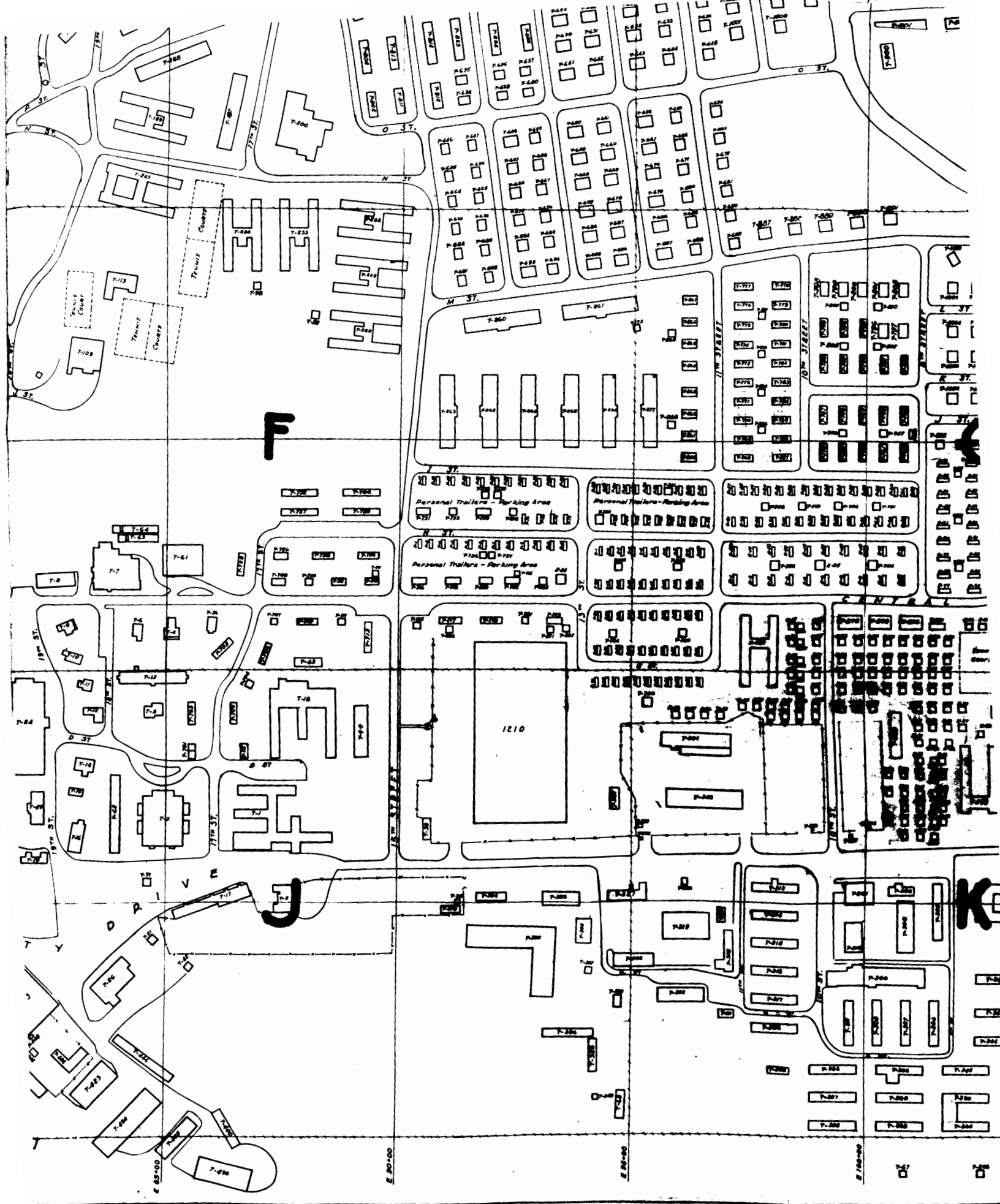
E-42+00

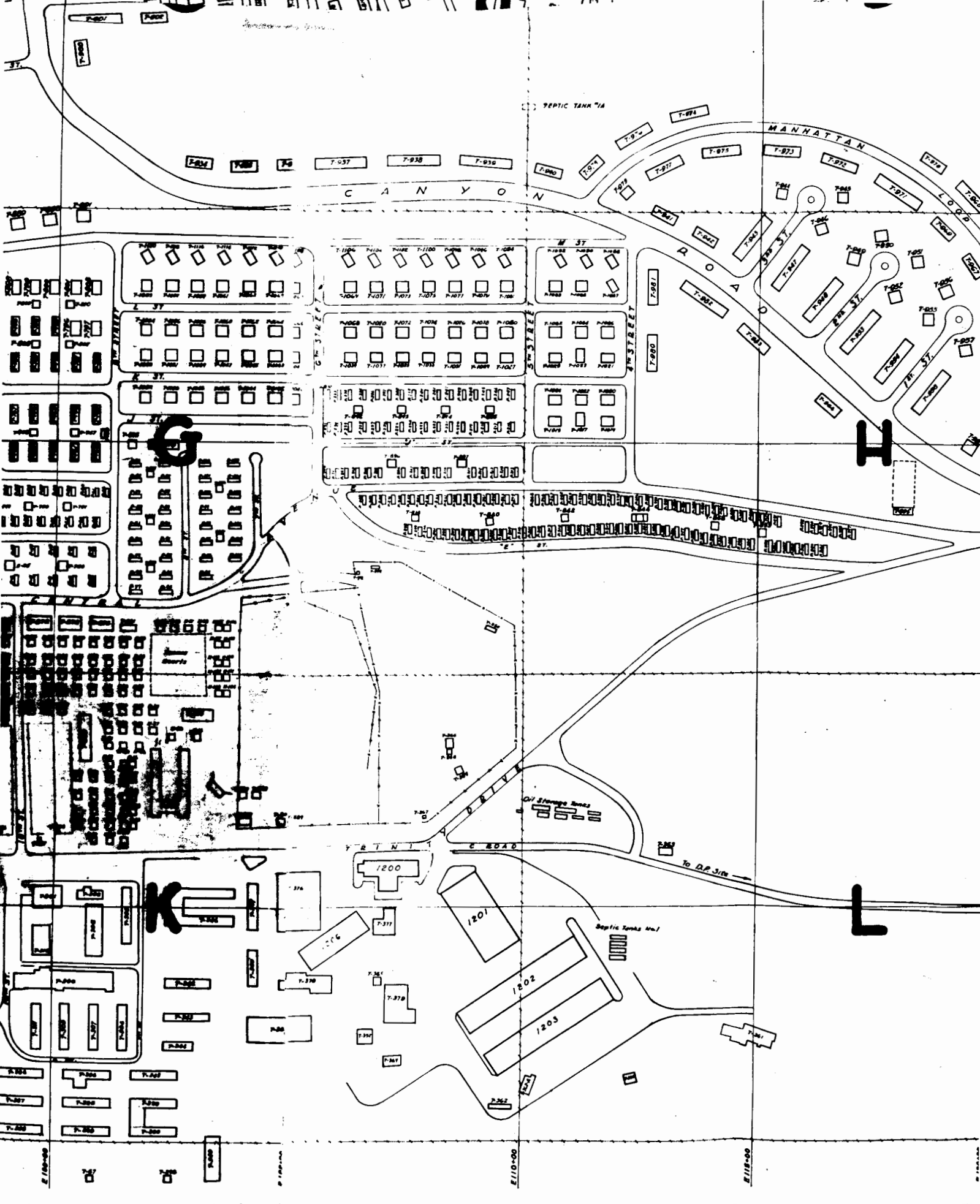
N-80+00

E-44+00









G

H

K

L

SEPTIC TANK #1

SEPTIC TANK #1A

Oil Storage Tank

Septic Tanks No. 1

1200

1201

1202

1203

CANYON

MANHATTAN

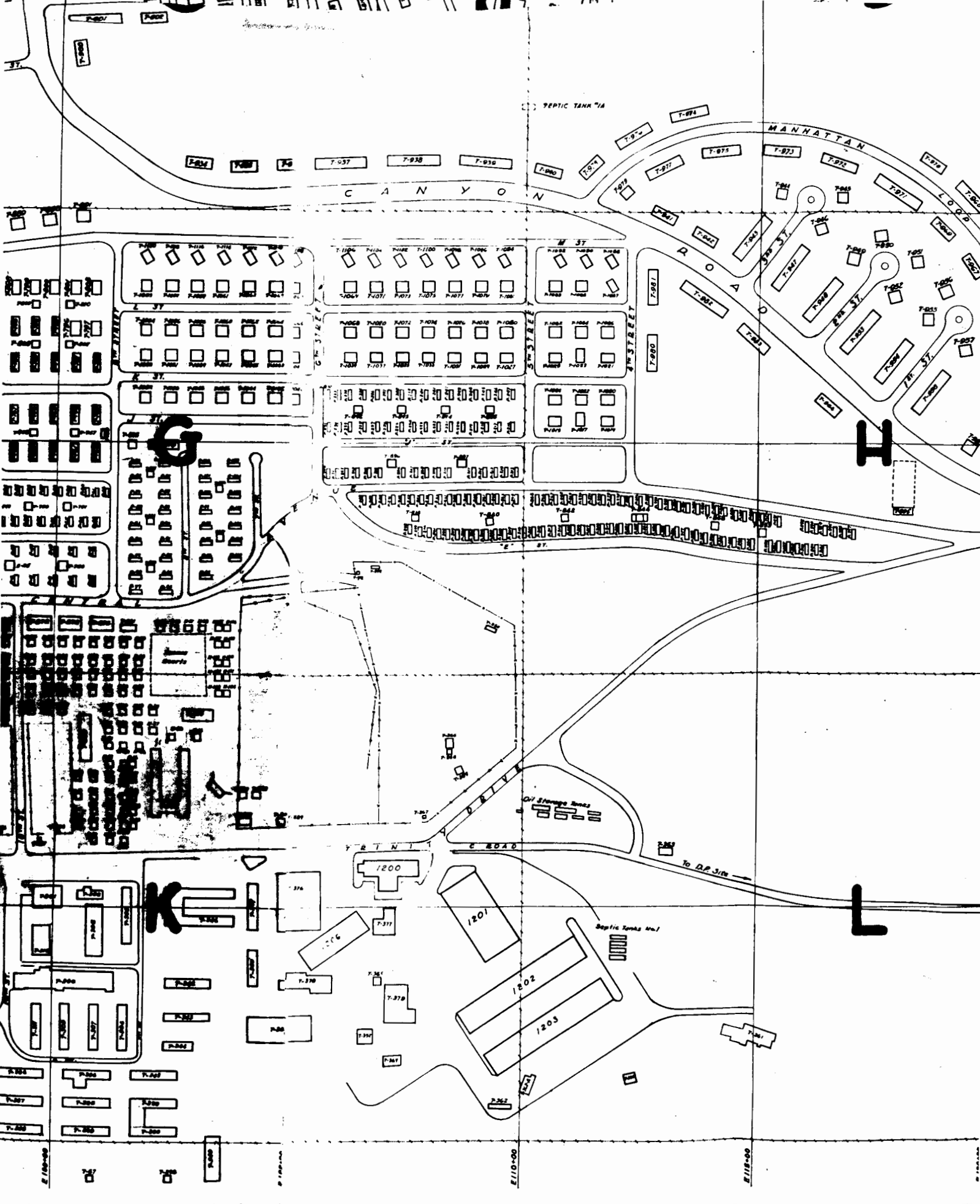
C ROAD

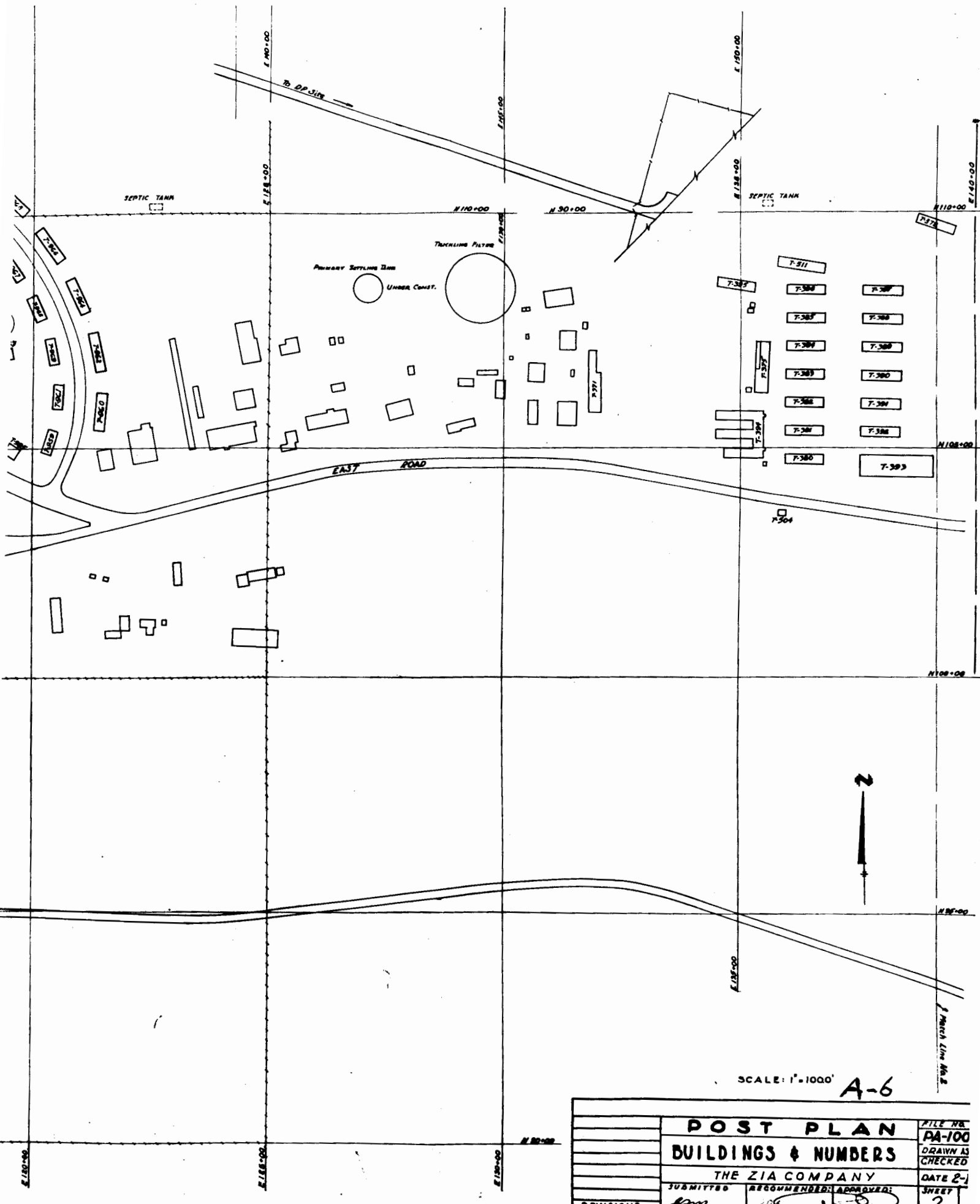
To D.P. Site

E 1100-00

E 1100-00

E 1100-00





SCALE: 1"=1000'

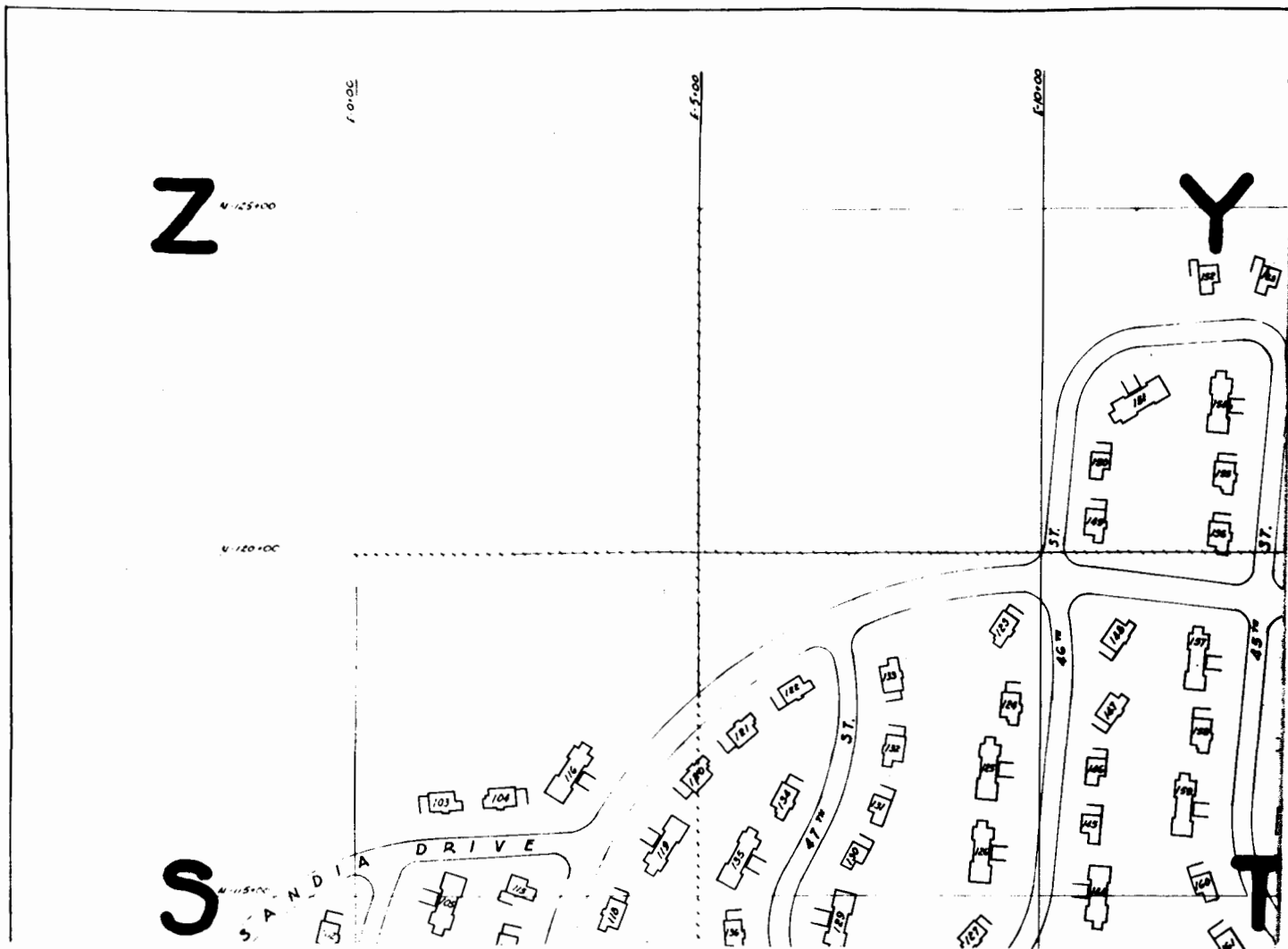
A-6

REVISIONS	POST PLAN			FILE NO.
	BUILDINGS & NUMBERS			PA-100
	THE ZIA COMPANY			DRAWN AS
	SUBMITTED			CHECKED
	RECOMMENDED:	APPROVED:	DATE 2-	
			SHEET	2

March Line No. 8

101

101



Z

S

Y

N 125+00

E 51+00

E 49+00

N 125+00

SANDIA DRIVE

ST.

ST.

ST.

ST.

46 M

46 M

101

104

106

102

103

105

107

108

109

110

111

112

113

114

115

116

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118

119

120

121

122

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127

128

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132

133

134

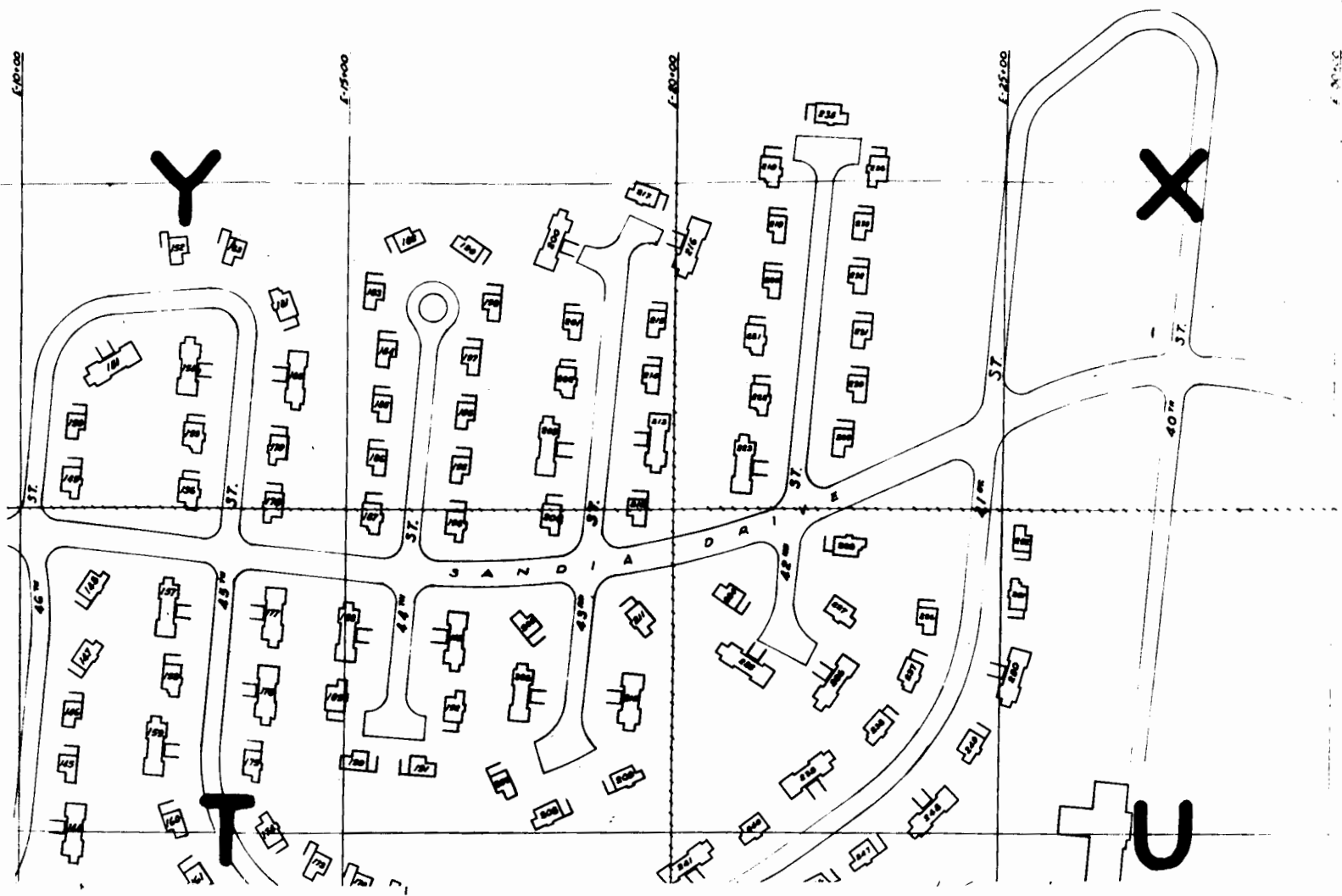
135

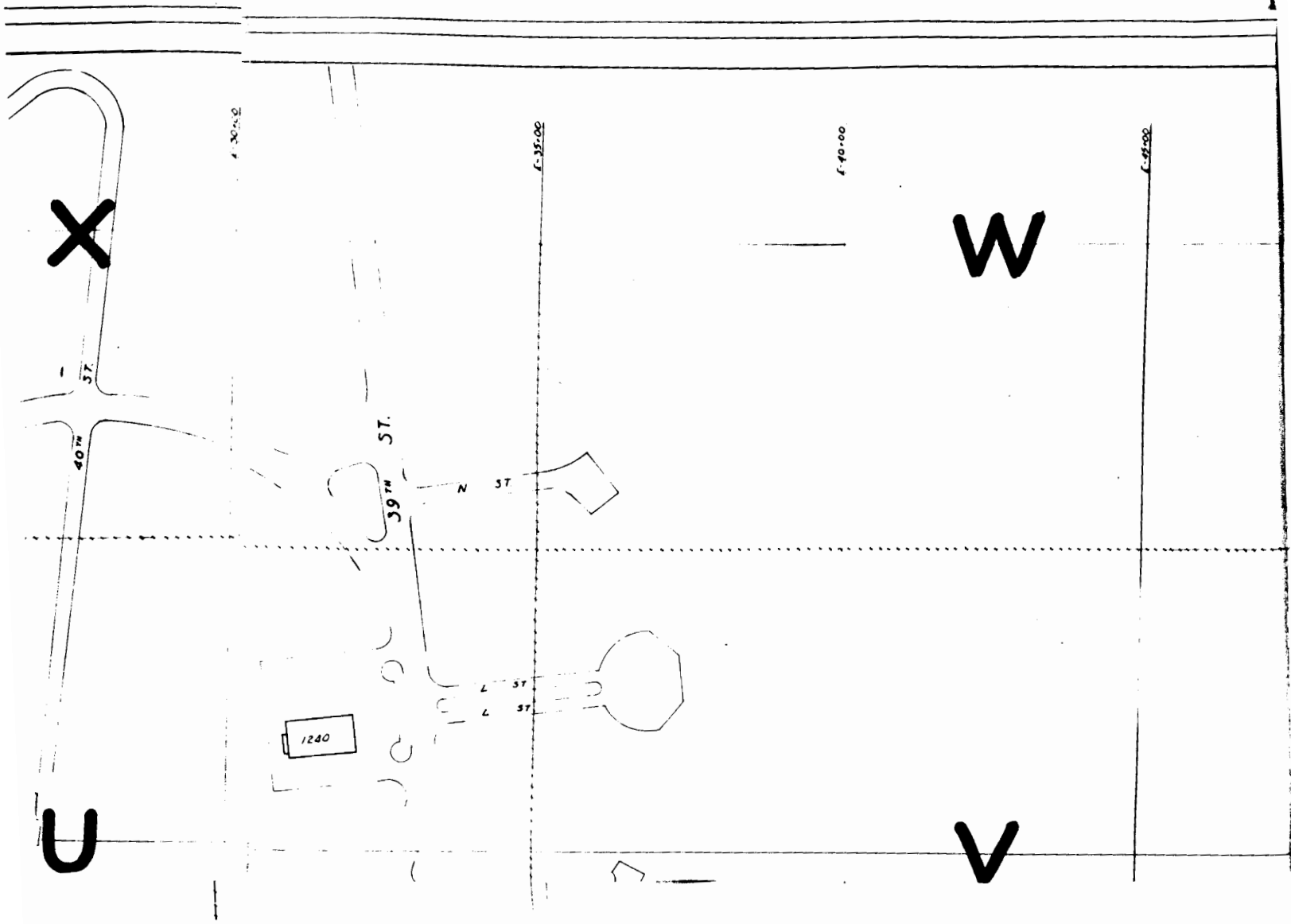
136

137

138

139





00-1
00-411.1

00-1
00-22.1

00-1
00-12.1

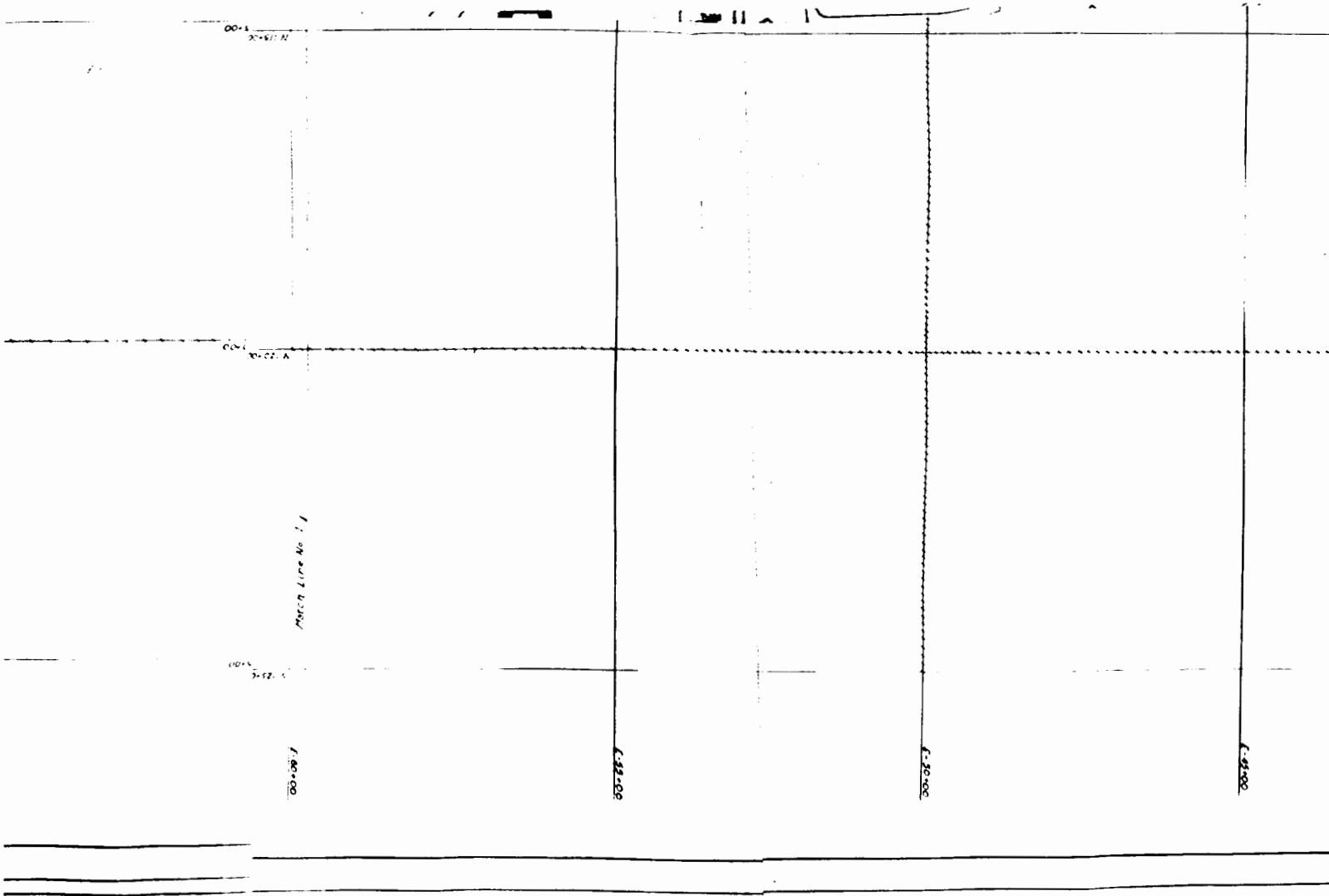
Mech Line No. 1

00-00.1

00-22.1

00-32.1

00-42.1



E 65+00

E 70+00

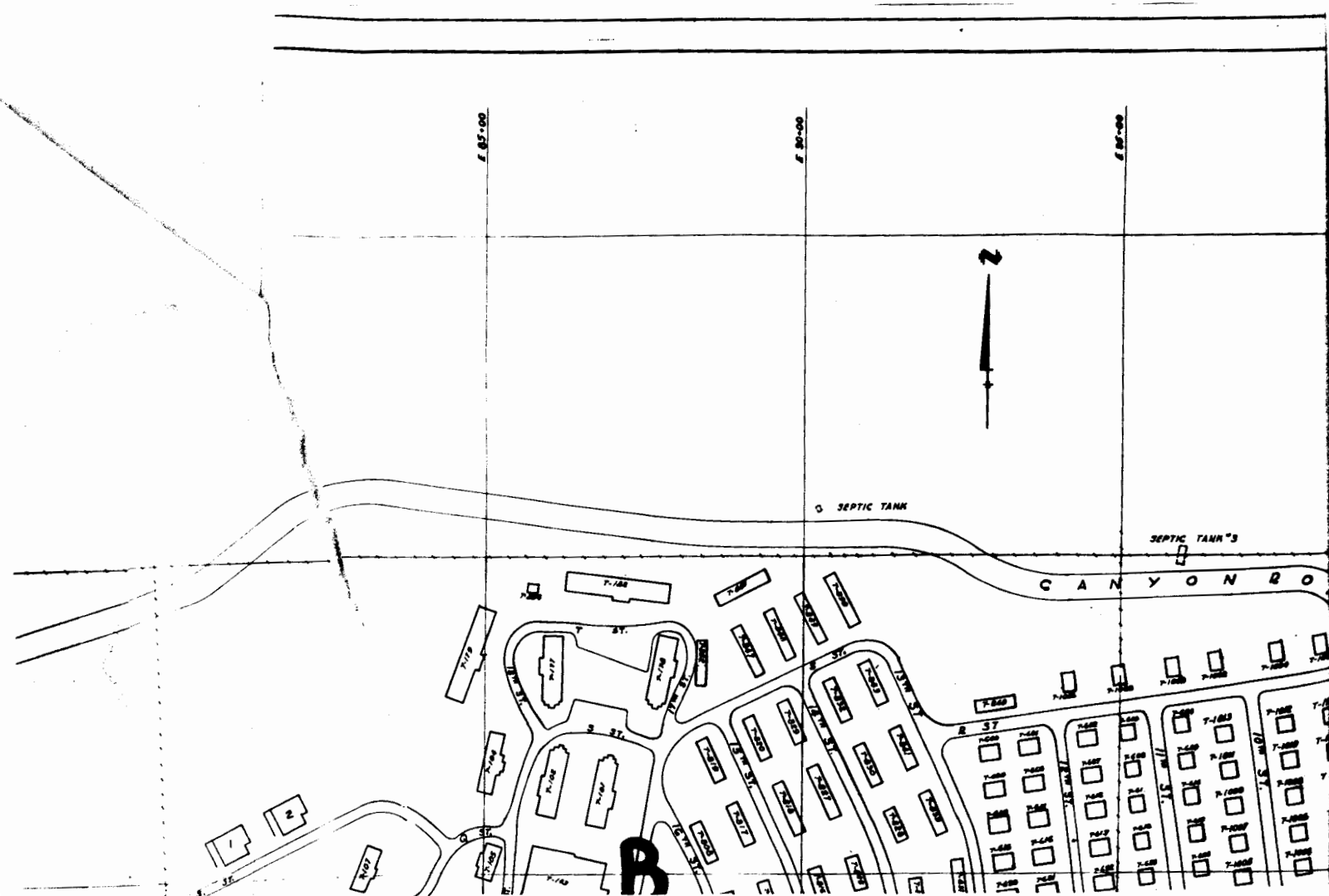
E 75+00

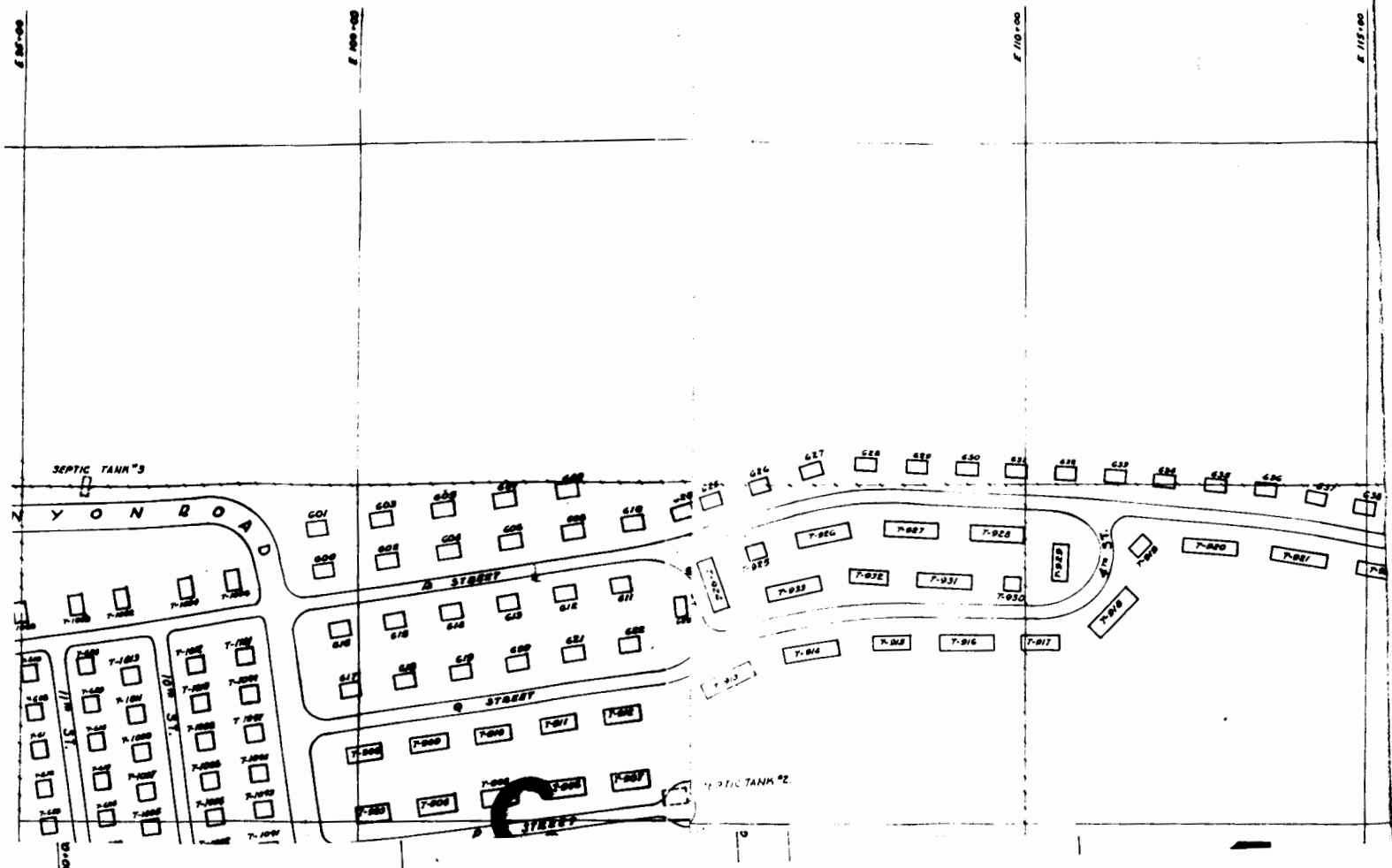
E 80+00

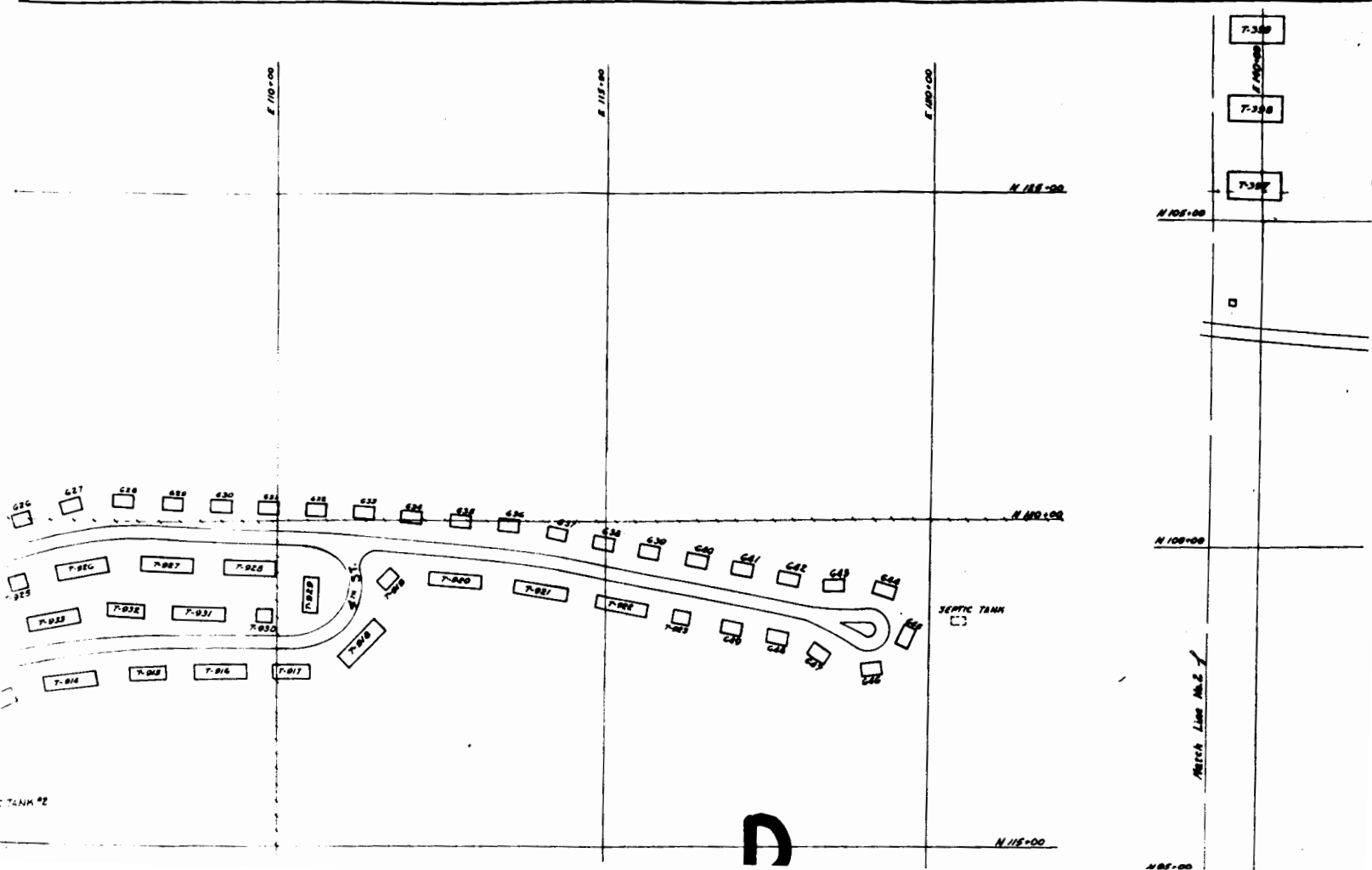
SEPTIC TANK #6
10' x 10' x 4' 6"

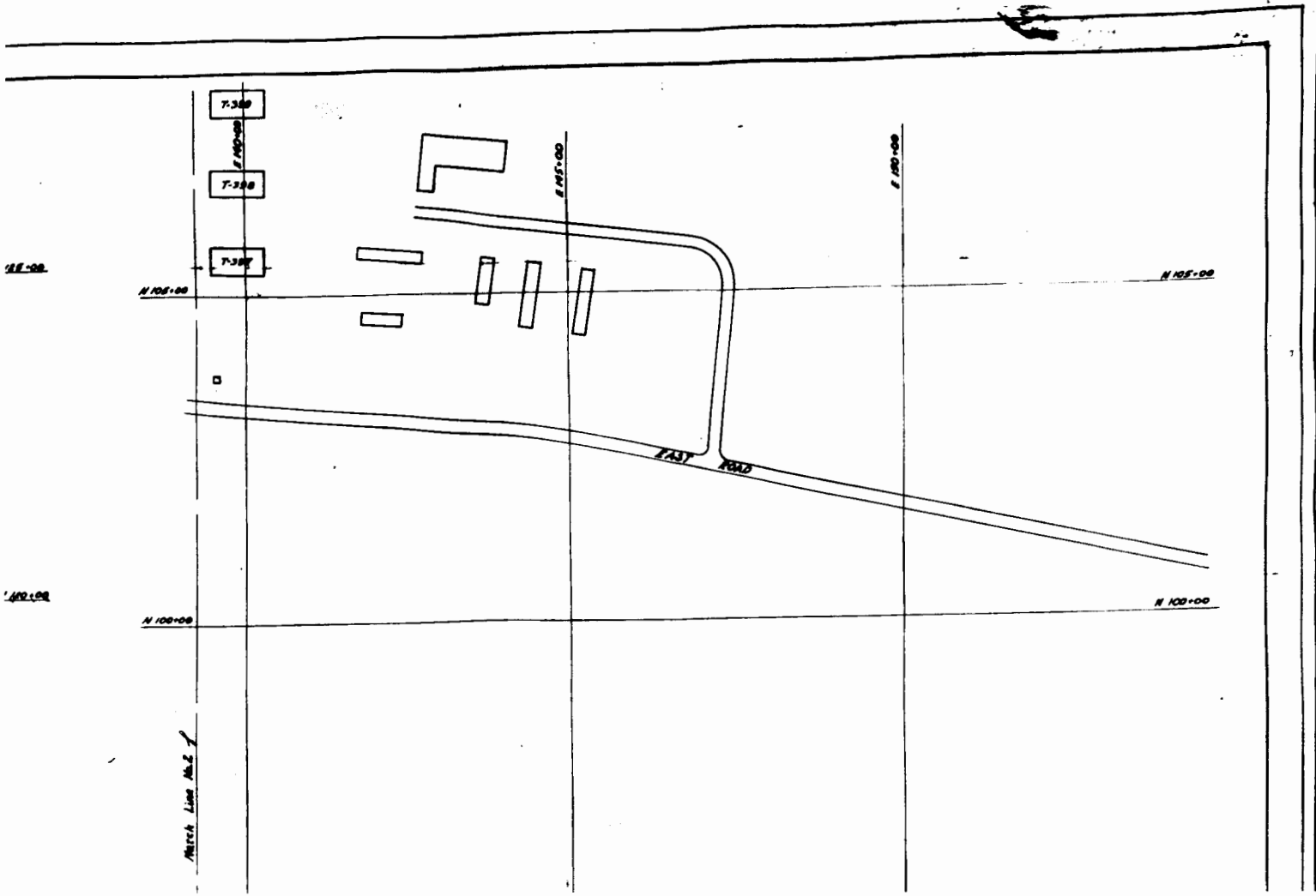
SEPTIC TANK #6A











7-300

7-320

N 100+00

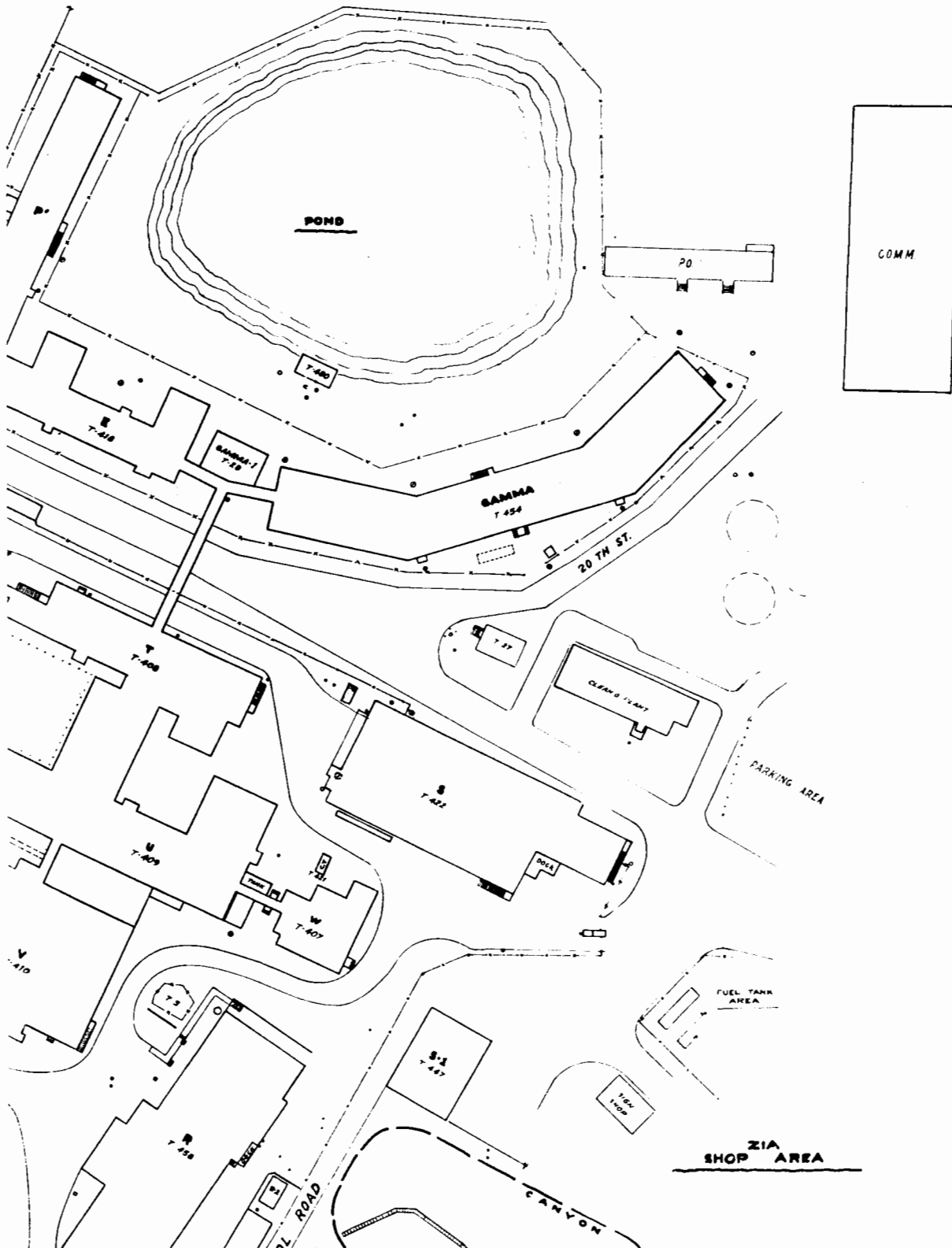
N 105+00

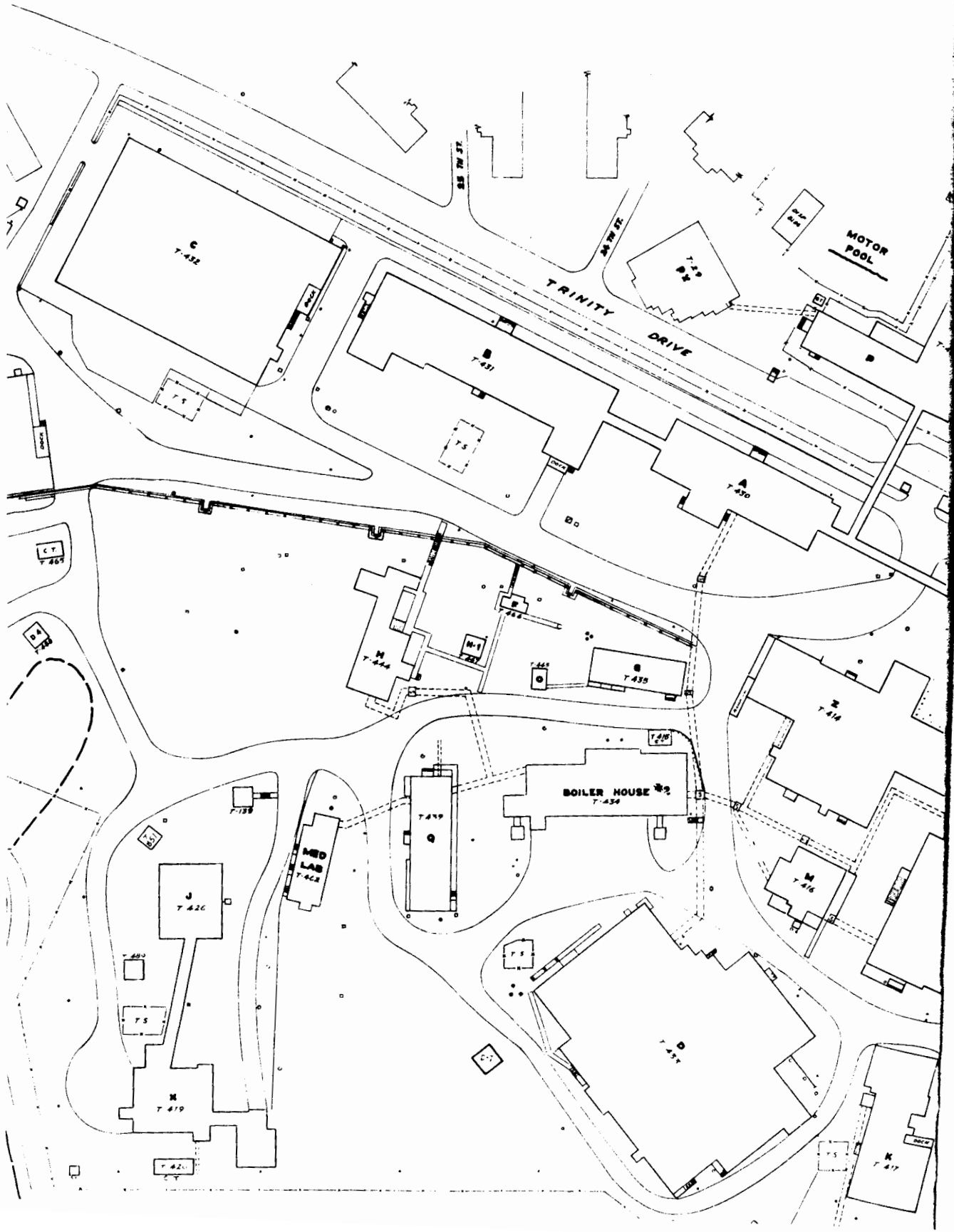
E 100+00

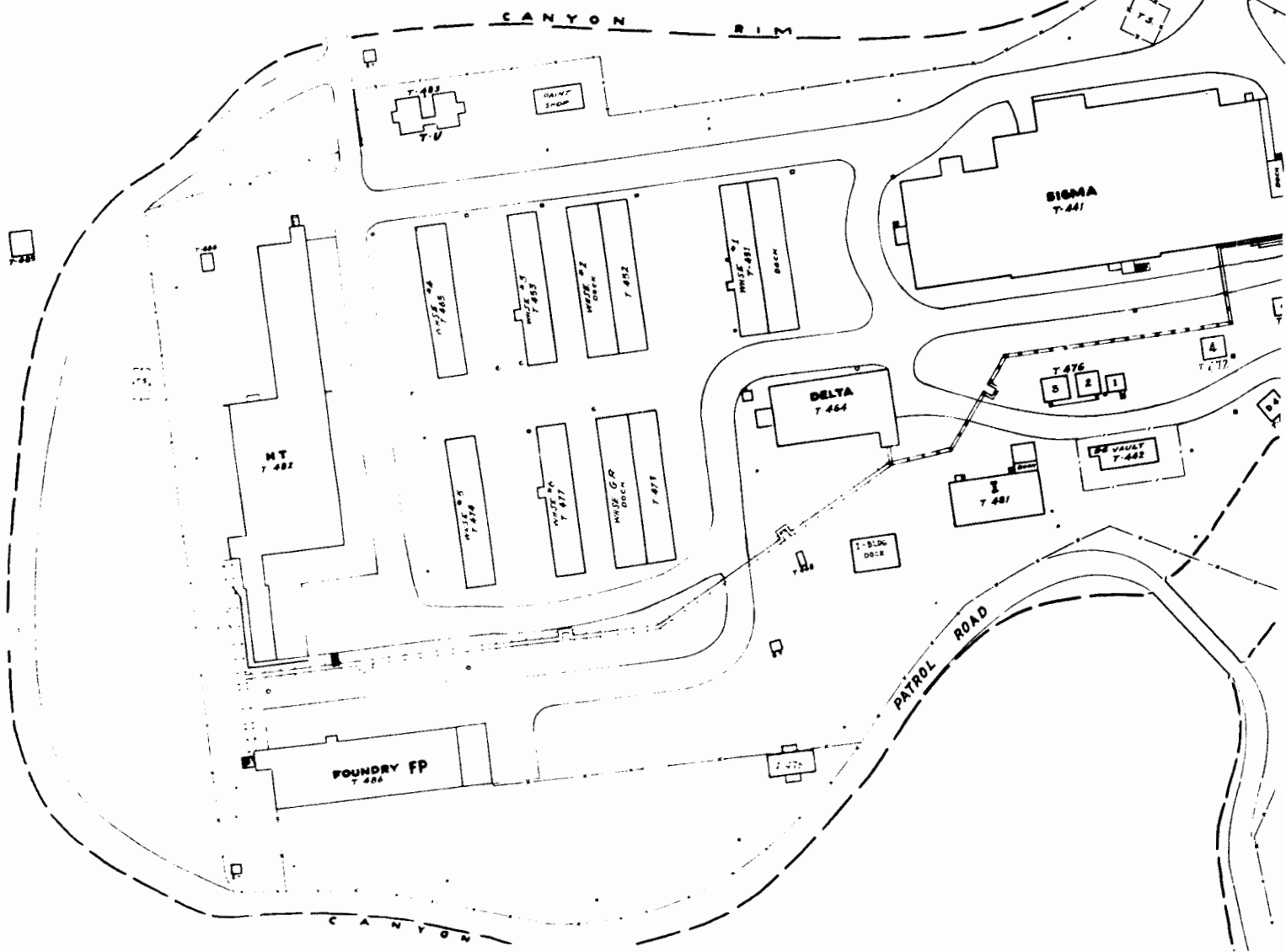
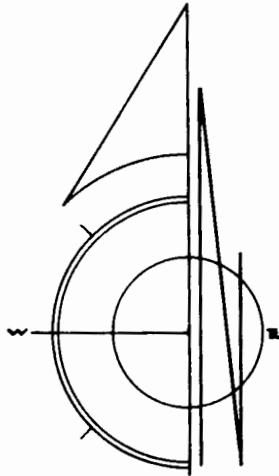
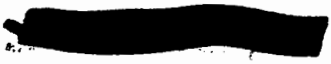
E 105+00

EAST ROAD

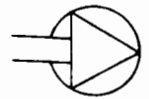
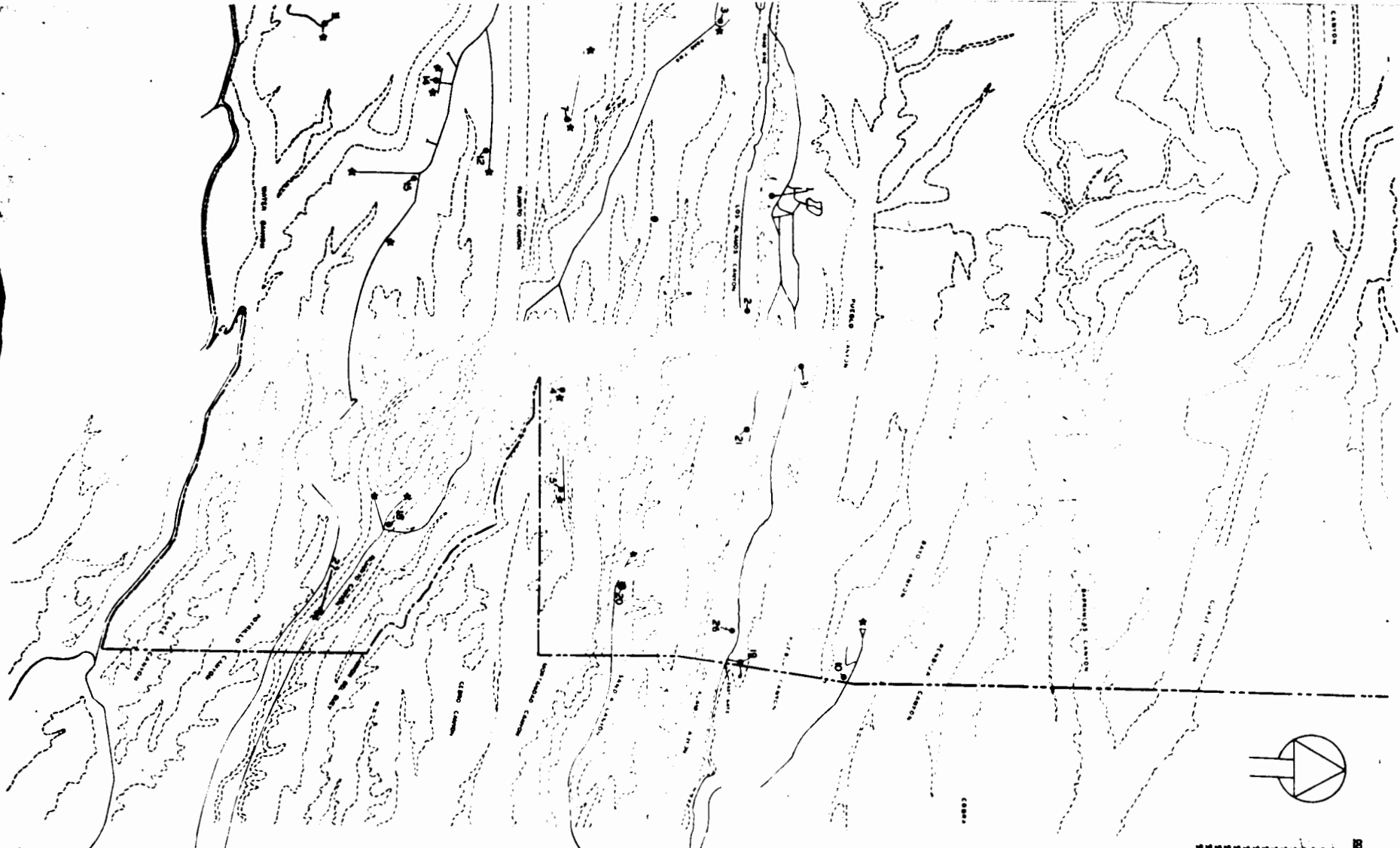
MATCH LINE SEE P.







PATROL ROAD

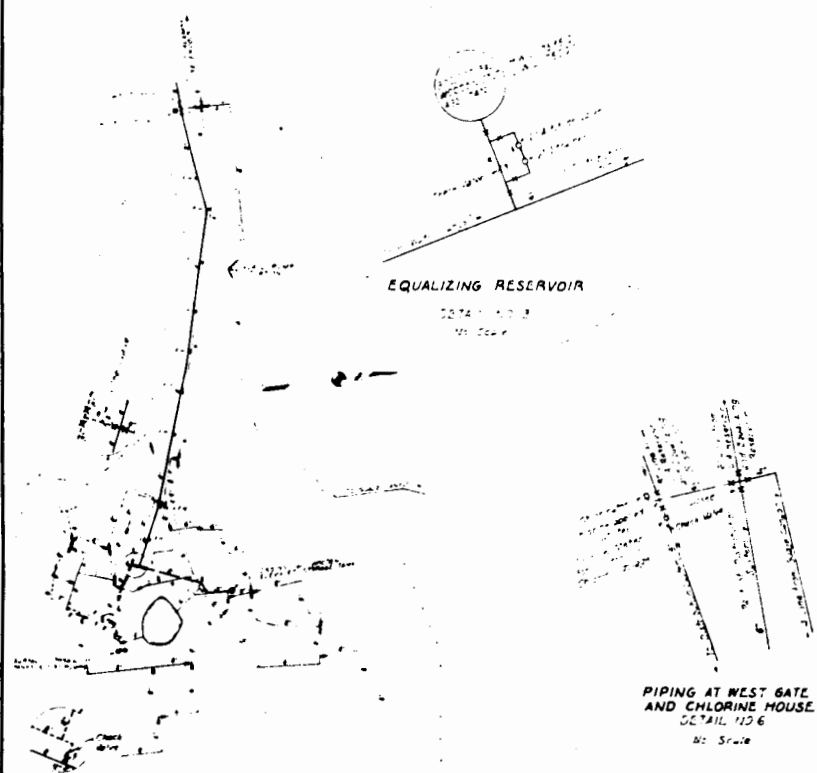
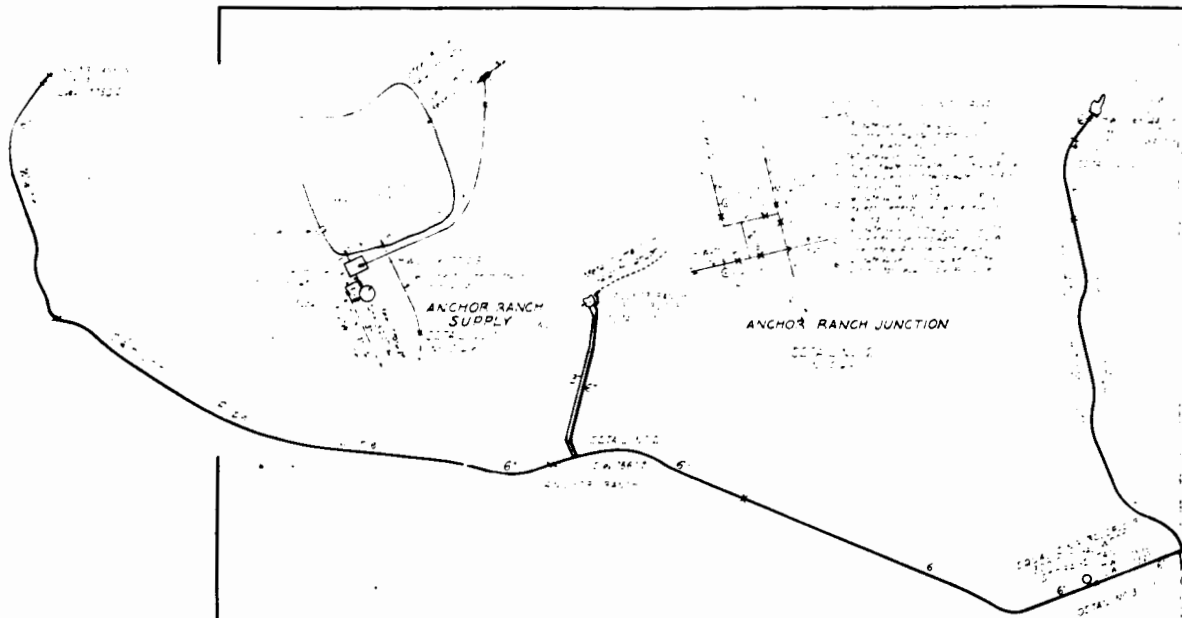


GRID NO.	DESCRIPTION	GRID NO.	DESCRIPTION
2A-1	NAO Postcard Area	2A-17	1 Site (Shaded)
2A-2	NAO Site	2A-18	2 Site (Shaded)
2A-3	NAO Site	2A-19	3 Site (Shaded)
2A-4	NAO Site	2A-20	4 Site (Shaded)
2A-5	NAO Site	2A-21	5 Site (Shaded)
2A-6	NAO Site	2A-22	6 Site (Shaded)
2A-7	NAO Site	2A-23	7 Site (Shaded)
2A-8	NAO Site	2A-24	8 Site (Shaded)
2A-9	NAO Site	2A-25	9 Site (Shaded)
2A-10	NAO Site	2A-26	10 Site (Shaded)
2A-11	NAO Site	2A-27	11 Site (Shaded)
2A-12	NAO Site	2A-28	12 Site (Shaded)
2A-13	NAO Site	2A-29	13 Site (Shaded)
2A-14	NAO Site	2A-30	14 Site (Shaded)
2A-15	NAO Site	2A-31	15 Site (Shaded)
2A-16	NAO Site		

SECRET

A-8

SITE MAP



DISTRIBUTION SYSTEM
Scale: 1" = 100'

LEGEND

- 8" Supply Line
- Distribution Main
- Sprinkler Main
- Valve

ELEVATIONS

Water Canyon Intake	7750
Las Alamos Reservoir, concrete spillway	7657.4
Las Alamos Reservoir, outlet pipe	7650.1
Quartz Canyon Intake, lower	7668
Quartz Canyon Intake, upper	7777
Anchor Ranch Reservoir, spillway	7728
Equalizing Reservoir - H.W.L.	7720
Equalizing Reservoir - W.L.	7700
Junction of Two Lines - S & Canyon	7280
Chlorine House at West Gate	7280
Quartz Pump Station	7250
Ground Water Recovery Station - Pump House Floor	7597
Elevated Tank - Overflow	7400
Surface Storage Tank - Floor	7103.4
Ground in Building Area of Project	7260 to 7330 ±

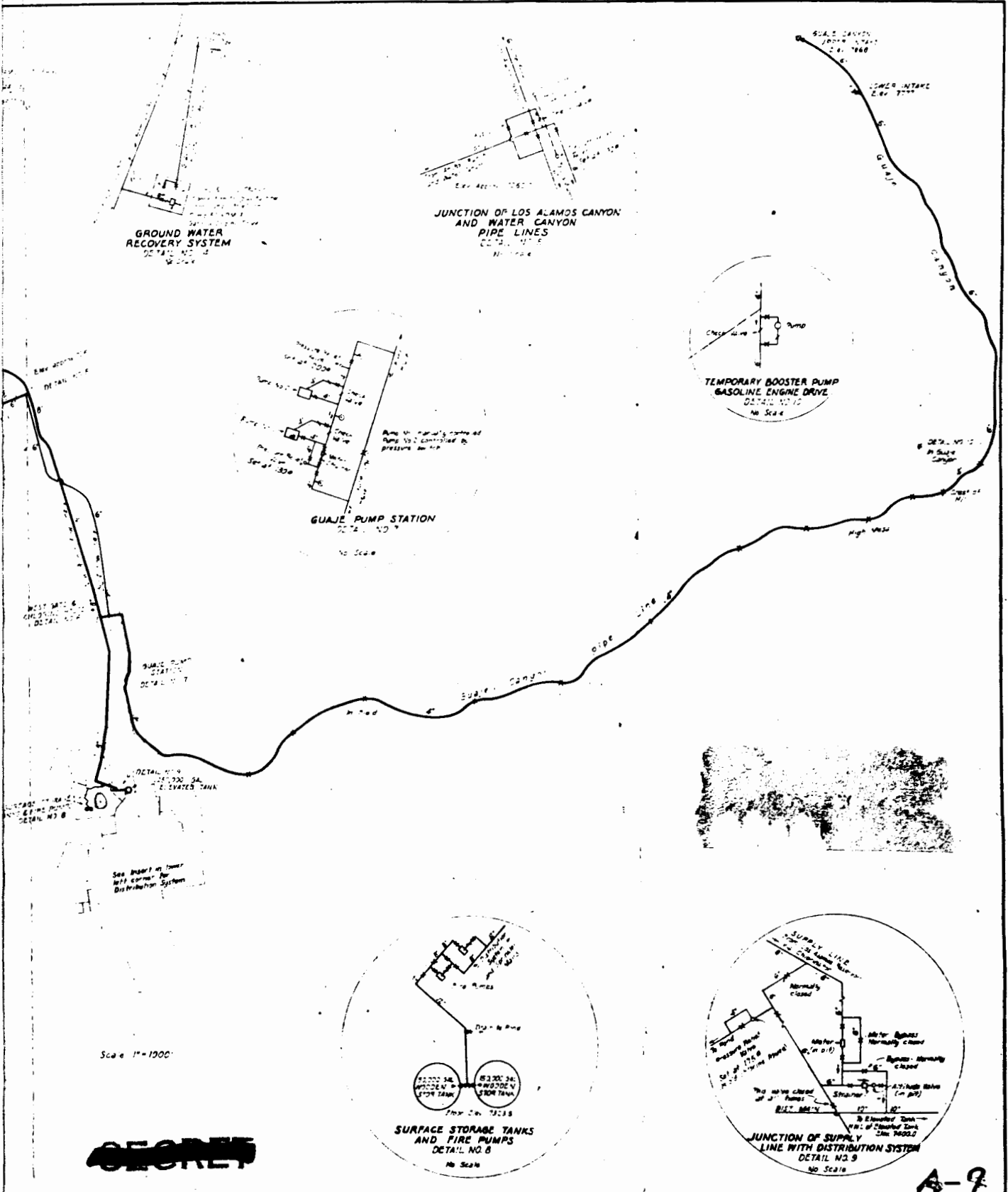
PIPE LINE CAPACITIES

Water Canyon Line - From Intake to Equalizing Reservoir	310 GPM
Water Canyon Line - From Intake to Elevated Tank	310 "
Water Canyon Line - From Intake to Las Alamos Reservoir	80 "
Las Alamos Line - Reservoir to Equalizing Reservoir	310 GPM
Las Alamos Line - Reservoir to Elevated Tank	310 "
Water Canyon and Las Alamos Lines to Elevated Tank	650 GPM
Quartz Canyon Line - Gravity Intake to Elevated Tank	100 GPM
Quartz Canyon Line - Gravity Intake to Equalizing Reservoir	40 "
Quartz Canyon Line - Gravity Intake to Las Alamos Reservoir	40 "
Quartz Canyon Line - One Pump Intake to Elevated Tank	100 "
Quartz Canyon Line - One Pump Intake to Equalizing Res.	40 "
Quartz Canyon Line - Two Pump Intake to Las Alamos Res.	50 "
Anchor Ranch 8" Line - From Bldg. at S.W. Reservoir	50 GPM
Anchor Ranch 8" Line - Reservoir to Hydraulic J.S. Reservoir	100 "
Anchor Ranch 8" Line - Reservoir to Hydraulic J.S. Reservoir	100 "

MUSTS

- Keep all Alamos Reservoirs free of debris.
- Keep all Quartz Canyon Reservoirs free of debris.
- Quartz Canyon Pump Station should be checked when the Quartz Canyon Reservoir is full.
- Keep both lines from the Reservoir to the Chlorine House free of debris.
- Check the West Gate Chlorine House for leaks and keep repaired.
- Protect pipe lines regularly.

SECRET



Scale 1"=1000'

SECRET

A-7

ITS
 early, if possible
 Los Alamos Reservoir is for
 and Water Recovery Pump,
 Area for
 Area for
 of water service
 with valves regularly
 free of air

DONTS
 Don't close valves in lines for less than 5 minutes
 Don't stop flow in line the water is receding
 Don't stop flow in Water Canyon Line until it is necessary
 Don't disconnect Los Alamos Reservoir except in emergency
 Don't disconnect Los Alamos Reservoir except in emergency
 Don't disconnect Los Alamos Reservoir except in emergency
 Don't close connections to San Juan Water
 Don't lower the pressure in supply line or distribution
 system if no pressure to back up the water in the tanks
 to be should be informed and practice careful control

LOS ALAMOS RESERVOIR - CAPACITY TABLE

ELEV. OF TOP OF DAM	VOL. IN TANK	ELEV. OF	REL. VOL.
7659.4	13.0 M ³	7646	2.6%
7659	12.5	7645	3.1
7659	11.6	7644	2.6
7657.4	Core Spill	7643	2
7657		7642	1.55
7656		7641	1.2
7655		7640	0.95
7654		7639	0.65
7653		7638	0.45
7652		7637	0.35
7651		7636	0.28
7650		7635	0.25
7649		7634	0.21
7648		7633	0.25
7647		4.5	

LOS ALAMOS PROJECT - NEW MEXICO

OPERATION MAP

WATER SUPPLY SYSTEM

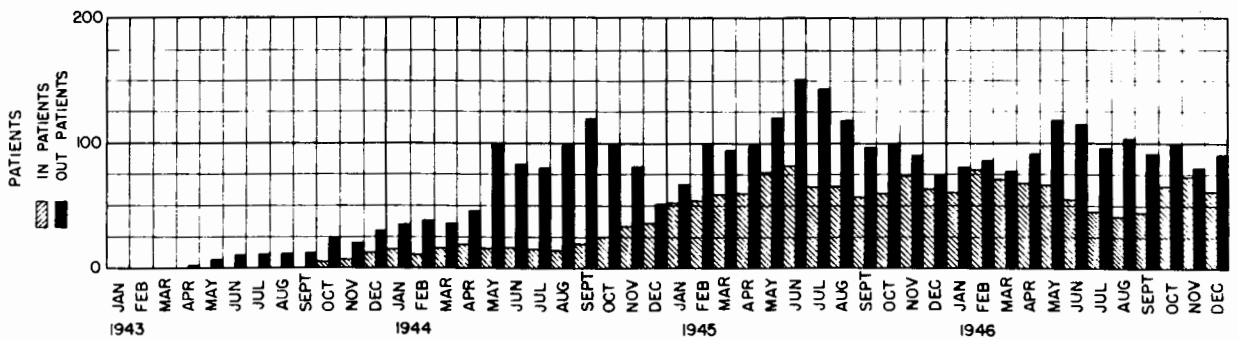
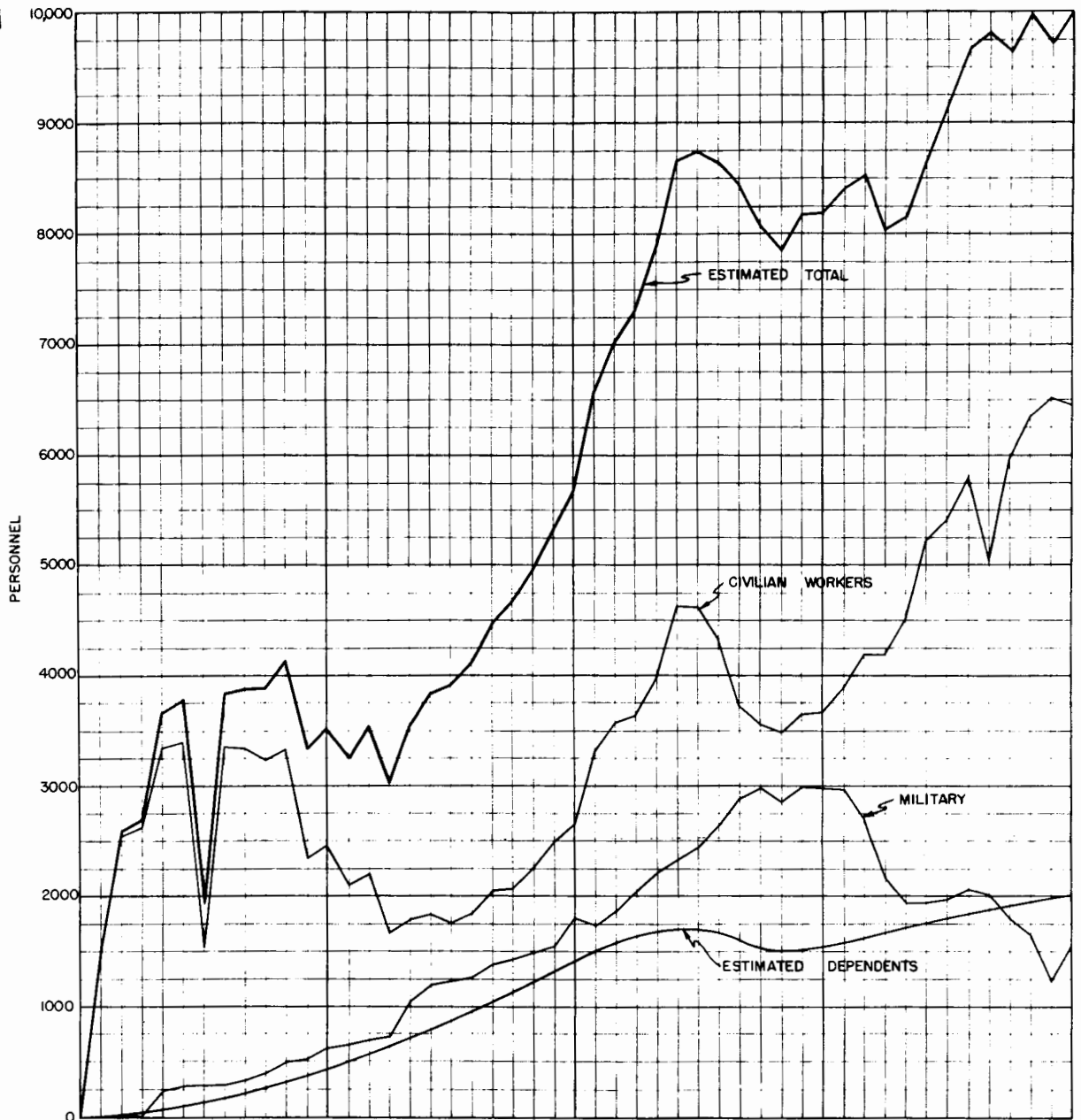
W.C. KRUGER-ARCHITECT & ASSOCIATES -
R.O. RUBLE - ENGINEER

APPROVAL RECOMMENDED APPROVED

U.S. ENGINEER OFFICE, ALBUQUERQUE, N.M. NOV. 1945

APPROVED BY: [Signature] DATE: [Blank]

APPROVED BY: [Signature] DATE: [Blank]



BIRTHS	0	0	0	0	0	0	2	2	2	4	4	4	6	3	5	9	8	6	5	8	10	8	12	9	6	12	13	10	12	10	13	12	10	12	11	12	21	12	8	9	6	18	24	12	20			
DEATHS	1	1	0	0	1	0	0	0	0	4	1	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2				
DOCTORS			2	2	2	3	3	3	3	3	2	2	3	3	3	3	4	4	6	6	7	7	7	7	8	8	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
HOSP ADM. OFFICERS																																																
DENTISTS																																																
CIVILIAN NURSES			3	3	3	4	4	6	7	7	7	6	6	8	11	10	11	12	12	13	10	14	19	21	21	21	20	21	22	27	29	30	26	32	28	30	31	31	33	33	33	32	35	35	37	37	34	
E.M. MED. DET.			8	8	8	8	8	10	12	9	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
WAC. TECH.																																																
X-RAY TECH.																																																
PHARMACISTS																																																
DIETITIANS																																																

• I WAC OFFICER
• TDY FROM BRUNS GEN HOSP

HOSPITAL STATISTICS - LOS ALAMOS, NEW MEXICO

Military Intelligence
2nd Lt. C.L. Clark, CE

COMMANDING OFFICER
Lt. Col. Whitney Ashbridge, CE.

Secretarial
3rd Off. H.E. M

ADMINISTRATIVE DIVISION

Adjutant
Capt. N.E. Davis, CE - Billeting

Chief Clerk
M/Sgt. A.O. Olson
1 WAAC

Bldg. Janitors
2 CPC-3

Civ. Personnel Section
J.P. Adams, CAF-6
4 others

Santa Fe Representative
Edna M. Arcus, CAF-3

Mail & Records
F. Bushner, CAF-5
2 WAACS

Messenger Service
G. B. Marchi, Jr. CPC-2

Cryptographic
Pfc. M.L. Woods, WAAC

PBX Board
F.I. Armstead, CAF-1
1 WAAC

Auditing & Costs
M. Wishnefsky, CAF-9
1 WAAC 2 Others

Quartermaster
J.S. Harmon, CAF-10
3 others

Asst. Quartermaster
H.F. Reed, CAF-9

Procurement & Contracts
P.A. Curran, CAF-8
6 others

Santa Fe Warehouse
Chas. Kiesov, CAF-3
10 others

Property & Warehouse
V. R. Lefler, CAF-7
11 others

PROTECTIVE SECURITY DIVISION

Protective Security Officer
Capt. A.L. Cernaghan, CMP

Processing & Protection
T/Sgt. D.E. Crow

Headquarters Bldg. Guard
3 - CPC-4

Town Guard
S/Sgt. E.J. Athey
4 Enl. Men

Military Police Detachment
1st Lt. O.E. Day
1st Lt. R.M. Cassidy
1st Lt. M.L. Wroe
1st Lt. E.V. Hughey
2nd Lt. J.F. Vollmer
2nd Lt. H.C. Bush
192 Enl. Men

Attached Medical
1st Lt. J.J. Horowitz, MC
7 Enl. Men

Attached Veterinary
1st Lt. R.M. Thompson, VC
1 Enl. Man

Attached Engineers
1st Lt. C.A. Nash, CE
2nd Lt. T.F. Huene, CE
72 Enl. Men
(attached for rations,
quarters and adminis-
tration only)

OPERATIONAL DIVISION

Operational
Major W

Post Engineer
1st Lt. C.A. Nash, CE
2nd Lt. T.F. Huene, CE

Town Management
F.W. Grefe, P-2
R.B. Osborne, CPC-10

Fire Dept.
E. Brooks, CPC-9
6 others

Education
J.C. Harris, P-1
1 other

Recreation
J.R. Pepper, P-3
3 others

Bldgs., Grounds &
Utilities Maintenance
R.E. Armstead, SR-11
44 others

Diesel Plant
M/Sgt. George Craig

Steam Plant
S/Sgt. W.J. Novekovich
7 Enl. Men

COMMANDING OFFICER
Lt. Col. Whitney Ashbridge, CE.

Secretarial
3rd Off. H.E. Mulvihill, WAAC

17 officers
158 civilians
260 enlisted men
1 WAAC officer
7 WAACS

PROTECTIVE SECURITY DIVISION

OPERATIONS DIVISION

Protective Security Officer
Capt. A.L. Cernaghan, CMP

Operations Officer
Major W.A. Stevens, CE

Processing & Protection
/Sgt. D.E. Crow

Post Engineer
1st Lt. C.A. Nash, CE
2nd Lt. T.F. Huene, CE

Post Exchange, Mess
& Theater Officer
1st Lt. V.F. Dean

Post Surgeon
Dr. J.F. Nolan

Headquarters Bldg. Guard
- CPC-4

Town Management
F.W. Greffe, P-2
R.B. Osborne, CPC-10

Engineer Exchange
J. G. Taylor, CAF-6

Hospital
2 attendants
(others are on
P/R of contractor)

Town Guard
/Sgt. E.J. Athey
4 Enl. Men

Fire Dept.
E. Brooks, CPC-9
6 others

Det. Exchange
S/Sgt. A. Rosenfeld
2 Enl. Men

Military Police Detachment
1st Lt. O.E. Day
1st Lt. R.M. Cassidy
1st Lt. M.L. Wroe
1st Lt. E.V. Hughey
1st Lt. J.F. Vollmer
1st Lt. H.C. Bush
192 Enl. Men

Education
J.C. Harris, P-1
1 other

Fuller Lodge Mess
D.M. Barker, CPC-6
11 others

Attached Medical
1st Lt. J.J. Horowitz, MC
7 Enl. Men

Recreation
J.R. Pepper, P-3
3 others

North Mess
M.I. Wood, CPC-6
12 others

Attached Veterinary
1st Lt. R.M. Thompsett, VC
1 Enl. Man

Bldgs., Grounds &
Utilities Maintenance
R.E. Armstead, SR-11
44 others

Commissary
M.H. Gurley, CAF-2
12 others

Attached Engineers
1st Lt. C.A. Nash, CE
2nd Lt. T.F. Huene, CE
72 Enl. Men
(attached for rations,
quarters and adminis-
tration only)

Diesel Plant
M/Sgt. George Craig

Theater No. 1
S/Sgt. A. Rosenfeld

Steam Plant
S/Sgt. W.J. Novekovich
7 Enl. Men

Theater No. 2
J.R. Pepper, P-3
3 Others

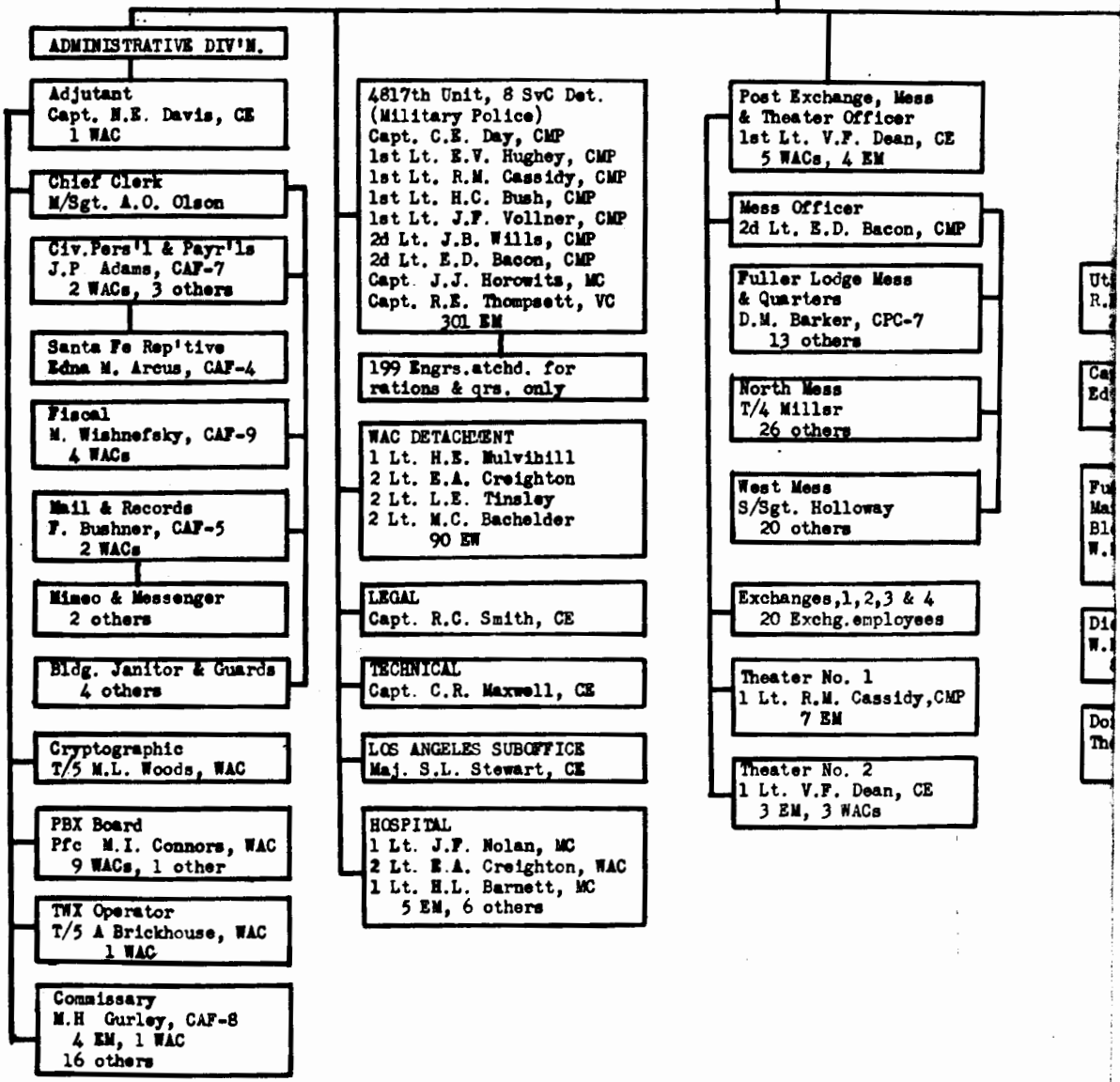
ORGANIZATION CHART
U.S. Engineer Office
P.O. Box 1539
Santa Fe, New Mexico
June 5, 1943

COMMANDING OFFICER
Lt.Col. Whitney Ashbridge, CE

EXECUTIVE OFFICER
Major W.A. Stevens, CE

Military Intelligence
Capt. Peer deSilva, CE

Secretarial
T/5 M.J. Gray, WAC



26 Officers
 438 Civ. employees
 (24 on Contr P/R)
 500 EM
 90 EW, WAC

WAC

OPERATIONS DIVISION

Operations Officer
 Maj. J.H. McGavook, CE
 1 Lt. T.F. Huene, CL
 2 Lt. L.E. Tinsley, WAC
 3 EM, 3 WACs
 1 other

Utilities
 R.E. Armstead, 1.44/hr
 29 others

Grounds
 A.C. Gardiner, 1.12/hr
 40 others

Carpenters
 Ed Fairay
 36 others

Safety & Fire Dept.
 E. Brooks, CPC-9
 9 EM

Fuel, Supply, Const.,
 Maint., & Renovation
 Bldgs.
 W.H. Greathouse, P-4
 2 EM, 22 others

Heavy Equipment
 1/Sgt. W.M. Allenberg
 20 EM

Diesel Plant
 W.H. Crockett
 8 EM, 5 others

Steam Plant
 T/Sgt. W.J. Novakovich
 15 EM

Dormitory Operation
 Thelma L. Gossett
 35 others

Firemen
 Sgt. M. Morales
 1EM, 75 others

Recreation
 J.R. Pepper, SP-8
 3 others

SUPPLY DIVISION

Supply & Transp. O
 Capt. E.A. White, CE

Reqs & Corres.
 C.H. Tanner, CAF-7
 2 Others

Property Section
 V.R. Lefler, CAF-7
 2 WACs, 2 EM,
 4 others

Whse. & Salvage
 F.E. Tinsley, CAF-5
 2 EM, 12 others

Procurements,
 Contracts &
 Incoming Freight
 P.A. Curran, CAF-8
 7 others

Santa Fe Warehouse
 C. Kiesov, CAF-3
 5 others

Asst. Transp O
 1 Lt. R.M. Cassidy, CMP

Motor Maintenance
 T/Sgt. W. Prosen
 9 EM, 2 others

Motor Pool
 Cpl. E.J. Kennedy
 18 EM, 7 WACs,
 3 others

ORGANIZATION CHART
 U.S. Engineer Office
 P.O. Box 1539
 Santa Fe, New Mexico
 5 December 1943

Military Intelligence
Capt Peer deSilva, CE
1 Lt H Mulvihill, WAC
3 WACs, 1 EM, 1 other

ADMINISTRATIVE DIV'N

Adjutant
Major N E Davis, CE
1 WAC

Chief Clerk
Egt A O Olson

Civ Pers'l & Payr'ls
J P Adams, CAF-8
7 WACs, 5 others

Santa Fe Rep'tive
Edna M Arcus, CAF-4

Fiscal
M Wisniewsky, CAF-9
6 WACs

Mail & Records
F Bushner, CAF-5
2 WACs

Radio & Messenger
2 others

Bldg Janitor & Guards
4 others

Cryptographic
T/5 M L Woods, WAC

PBX Board
T/5 M I Connors, WAC
10 others 10 WACs

TWX Operator
T/4 A Brickhouse, WAC
1 WAC

Commissary
M H Gurley, CAF-8
4 EM, 2 WACs,
16 others

4817th Unit, 8 Svc Det
(Military Police)
Capt C E Day, CMP, CO
Capt E V Hughey, CMP
1 Lt R M Cassidy, CMP
1 Lt H C Bush, CMP
1 Lt J F Vollmer, CMP
2 Lt J B Mills, CMP
2 Lt E D Bacon, CMP
Capt R E Thompsett, VC
310 EM

Prov Engr Det #1
(atchd for rations &
qrs only)
1 Lt T F Huene, CE, CO
202 EM

WAC Detachment
1 Lt H E Mulvihill, CO
2 Lt E A Creighton
2 Lt L E Tinsley
2 Lt M C Bachelder
2 Lt E L Miller
101 EM

Technical
Capt R C Smith, CE
Capt C R Maxwell, CE
1 Lt W F Schaffer, CE
2 Lt M C Bachelder, WAC
2 Lt E L Miller, WAC
40 EM, SED, 1 other

Los Angeles Suboffice
Maj S L Stewart, CE

Hospital
1 Lt J F Nolan, MC
1 Lt H L Barnett, MC
6 EM, 2 WACs,
11 others
Dental Clinic
2 Lt E A Creighton, WAC
1 WAC

Post Exchange, Mess
& Theater Officer
1 Lt V F Dean, CE
8 WACs, 4 EM

Fuller Lodge Mess
& Quarters
D M Barker, CPC-7
20 others

Mess Officer
2 Lt E D Bacon, CMP

North Mess
T/4 R L Miller
23 others

West Mess
S/Sgt Ernest Holloway
23 others

Exchanges 1, 2 & 3
20 Exchg employees

Theater No 1
1 Lt R M Cassidy, CMP
7 EM

Theater No 2
1 Lt V F Dean, CE
3 EM, 3 WACs

COMMANDING OFFICER
 Lt Col Whitney Ashbridge, CE
 EXECUTIVE OFFICER
 Major W A Stevens, CE
 1 WAC

41 Officers
 946 Civ. employ
 6 on Contr P,
 512 EM
 40 EM, SED
 101 EM, WAC

Special Section
 1 Major
 2 1st Lts
 10 2d Lts

OPERATIONS DIVISION

Operations Officer
 Maj J H McCavock, CE
 2 Lt L E Tinsley, WAC
 3 EM, 3 WACs, 1 other

SUPPLY DIVISION

Supply & Transp
 Capt E A White

Reqs & Bs/Lad:
 3 others

Property Sectio
 V R Lefler, CAF
 2 WACs, 2 EM,
 3 others

Whse & Salvage
 F E Tinsley, CAF
 2 EM, 12 othe

Procurements,
 Contracts &
 Incoming Freight
 P A Curran, CAF
 7 others

Santa Fe Wareh
 C Hebrank, CAF-
 5 others

Motor Transp O
 1 Lt R M Cassid

Motor Mainten
 T/Sgt W Prosen
 9 EM, 2 other

Motor Pool
 S/Sgt S J Kenne
 18 EM, 5 WACs
 5 others

Post Engineer
 Capt C U Forrest, CE
 Construction Supt
 W M Grethouse, P-4

Post Engr, Tech Area
 Capt S P Davalos, CE

Administration
 M Peltier, CAF-4
 2 others

Engrg & Drafting
 B E Brazier
 2 others

Engineer--Const,
 Maint & Repair
 Neal V Vance, P-3

Electrical
 W Adams, 1.62 $\frac{1}{2}$ /hr
 12 others

Plumbers
 G L Brumelou, 1.62 $\frac{1}{2}$ /hr
 11 others

Janitors
 Jose Lujan, CPC-5
 13 others

Carpenters & Painters
 L Ramsey, 1.37 $\frac{1}{2}$ /hr
 J Ryan, 1.37 $\frac{1}{2}$ /hr
 58 others

Laborers
 E L Erickson, 1.00/hr
 90 others

Steam Plant
 T/Sgt W J Novakovich
 18 EM

Water Supply
 R E Armstead, 1.44/hr
 31 others

Painters & Carpenters
 E F Fairey, 1.37/hr
 150 others

Fuel Supply
 Pfc H W Burbank
 31 others

Electrical
 J F Gossett, 1.33/hr
 5 EM, 10 others

Plumbers
 K A Gilcrease, 1.20/hr
 3 EM, 25 others

Diesel Plant
 W H Crockett
 11 EM, 5 others

Mechanics
 M A Gilcrease, 1.24/hr
 J M Lambert, 1.22/hr
 3 EM, 2 others

Dormitory Operation
 T L Gossett, CPC-5
 47 others

Grounds
 A C Gardiner, 1.12/hr
 73 others

Fire Dept & Safety
 S Brooks, CPC-9
 9 EM

Heavy Equipment
 1/Sgt W M Allenberg
 20 EM, 137 others

Firemen
 Sgt M Moreles
 5 EM, 92 others

Recreation
 J R Pepper, SP-8
 1 EM, 3 others

Mechinist
 O F Hopkins, 1.17/hr
 2 others

SECRET

ORGANIZATIO
 U S Enginee
 P O Box 153
 Santa Fe, N
 5 February

STANDING OFFICER
 itney Ashbridge, CE
ADJUTANT OFFICER
 W A Stevens, CE
 1 WAC

Special Section
 1 Major
 2 1st Lts
 10 2d Lts

41 Officers
 946 Civ. employees
 6 on Contr P/R
 512 EM
 40 EM, SED
 101 EM, WAC

OPERATIONS DIVISION

Operations Officer
 Maj J H McGavock, CE
 2 Lt L E Tinsley, WAC
 3 EM, 3 WACs, 1 other

SUPPLY DIVISION

Supply & Transp O
 Capt E A White, CE

Reqs & Bs/Lading
 3 others

Property Section
 V R Lefler, CAF-7
 2 WACs, 2 EM,
 3 others

Whse & Salvage
 F E Tinsley, CAF-5
 2 EM, 12 others

**Procurements,
 Contracts &
 Incoming Freight**
 P A Curran, CAF-8
 7 others

Santa Fe Warehouse
 C Hebrank, CAF-4
 5 others

Motor Transp O
 1 Lt R M Cassidy, CMP

Motor Maintenance
 T/Sgt W Frosen
 9 EM, 2 others

Motor Pool
 S/Sgt S J Kennedy
 18 EM, 5 WACs
 5 others

Post Engineer
 Capt C U Forrest, CE
 Construction Supt
 W M Greethouse, P-4

Post Engr, Tech Area
 Capt S P Davalos, CE

Administration
 M Peltier, CAF-4
 2 others

Engr & Drafting
 B E Brazier
 2 others

**Engineer--Const,
 Maint & Repair**
 Neal V Vance, P-3

Electrical
 W Adams, 1.62*/hr
 12 others

Plumbers
 G L Brumelou, 1.62*/hr
 11 others

Janitors
 Jose Lujan, CIC-5
 13 others

Carpenters & Painters
 L Ramsey, 1.37*/hr
 J Ryan, 1.37*/hr
 58 others

Laborers
 E I Erickson, 1.00/hr
 90 others

Steam Plant
 T/Sgt W J Novakovich
 18 EM

Supply
 Amstead, 1.44/hr
 others

Painters & Carpenters
 Airey, 1.37/hr
 others

Supply
 W Burbank
 others

Electrical
 Gossett, 1.33/hr
 EM, 10 others

Painters
 Milcrease, 1.20/hr
 EM, 25 others

Steel Plant
 Crockett
 EM, 5 others

Mechanics
 Milcrease, 1.24/hr
 Lambert, 1.22/hr
 EM, 2 others

Dormitory Operation
 T L Gossett, CPC-5
 47 others

Grounds
 A C Gardiner, 1.12/hr
 73 others

Fire Dept & Safety
 E Brooks, CPC-9
 9 EM

Heavy Equipment
 1/Sgt W M Allenberg
 20 EM, 137 others

Firemen
 Sgt M Morales
 5 EM, 92 others

Recreation
 J R Pepper, SP-8
 1 EM, 3 others

Machinist
 O F Hopkins, 1.17/hr
 2 others

ORGANIZATION CHL
 U S Engineer Off
 P O Box 1539
 Santa Fe, N. Mex
 5 February 1944

SECRET

ORGANIZATION OPERATIONS

OPERATION
Major W.
Operation

FIRE DEPARTMENT
Erwin Brooks-CAP-8

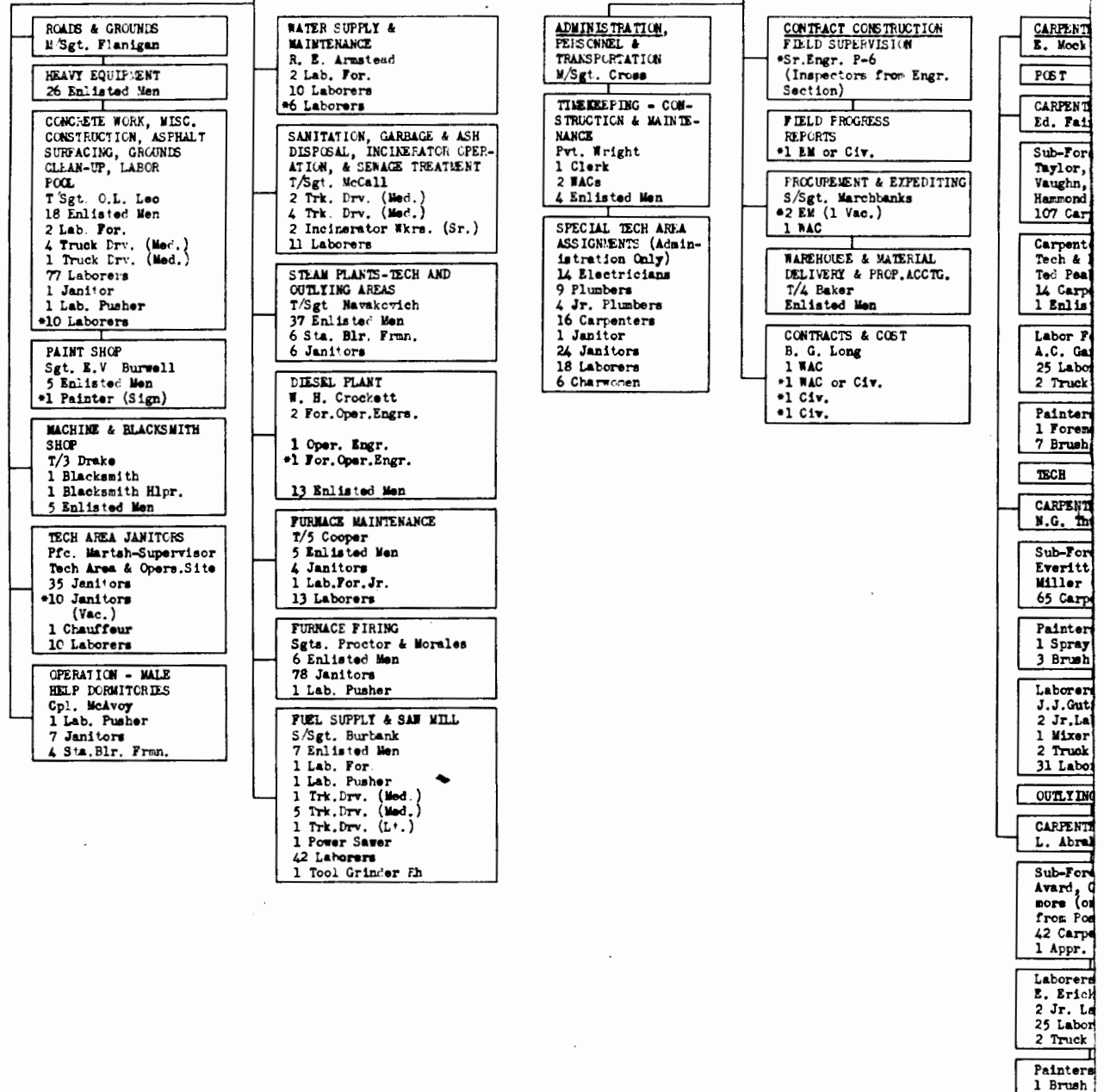
1 Clerk-CAP-4
20 Enlisted Men

UTILITIES & MAINTENANCE
1st Lt. R.D. Wholey, CE

CONTRACT CONSTRUCTION & ADMINISTRATION
Captain C.U. Forrest, CE

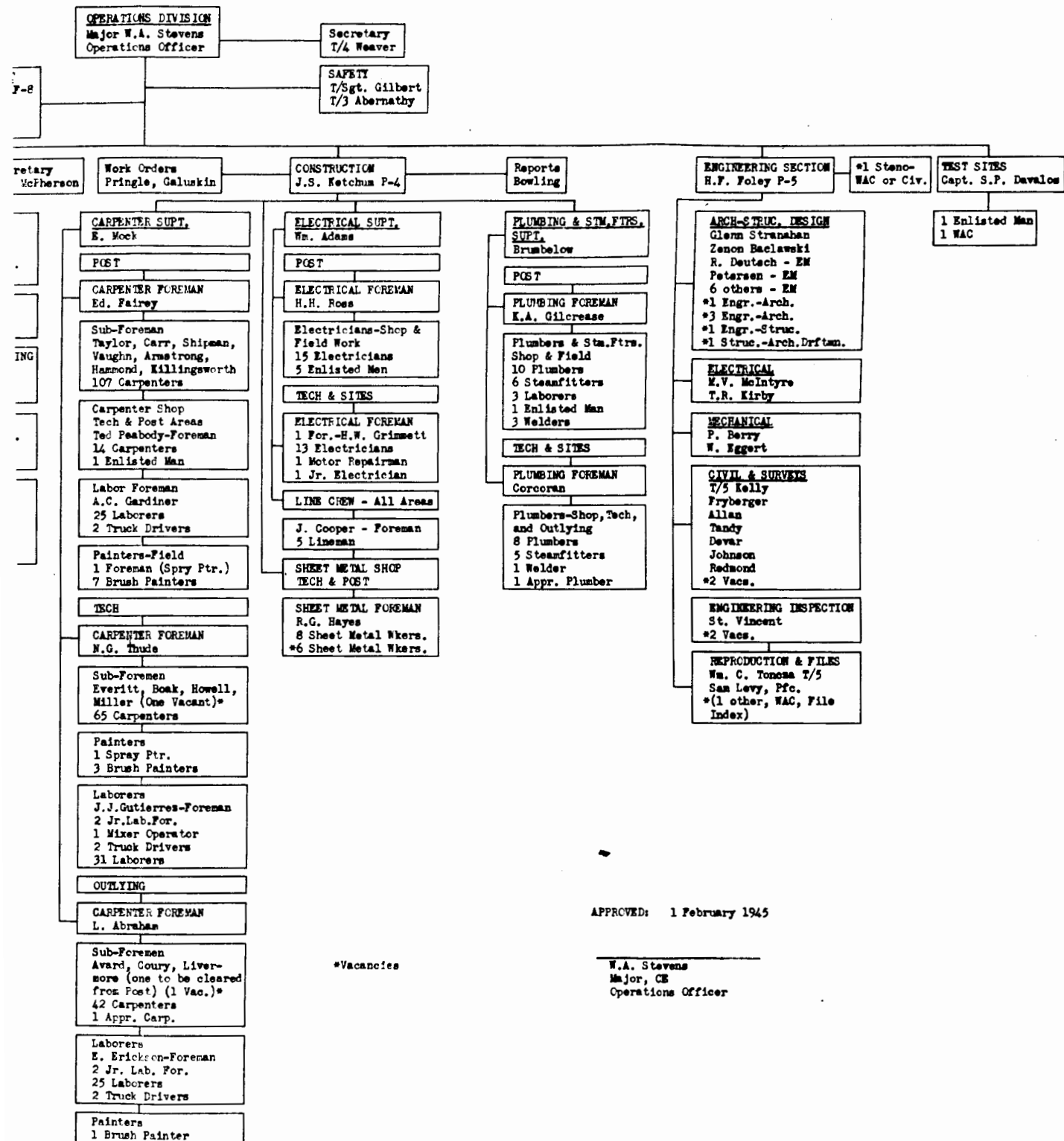
Secretary
T/3 McPherson

Work
Pring



ORGANIZATION CHART

OPERATIONS DIVISION

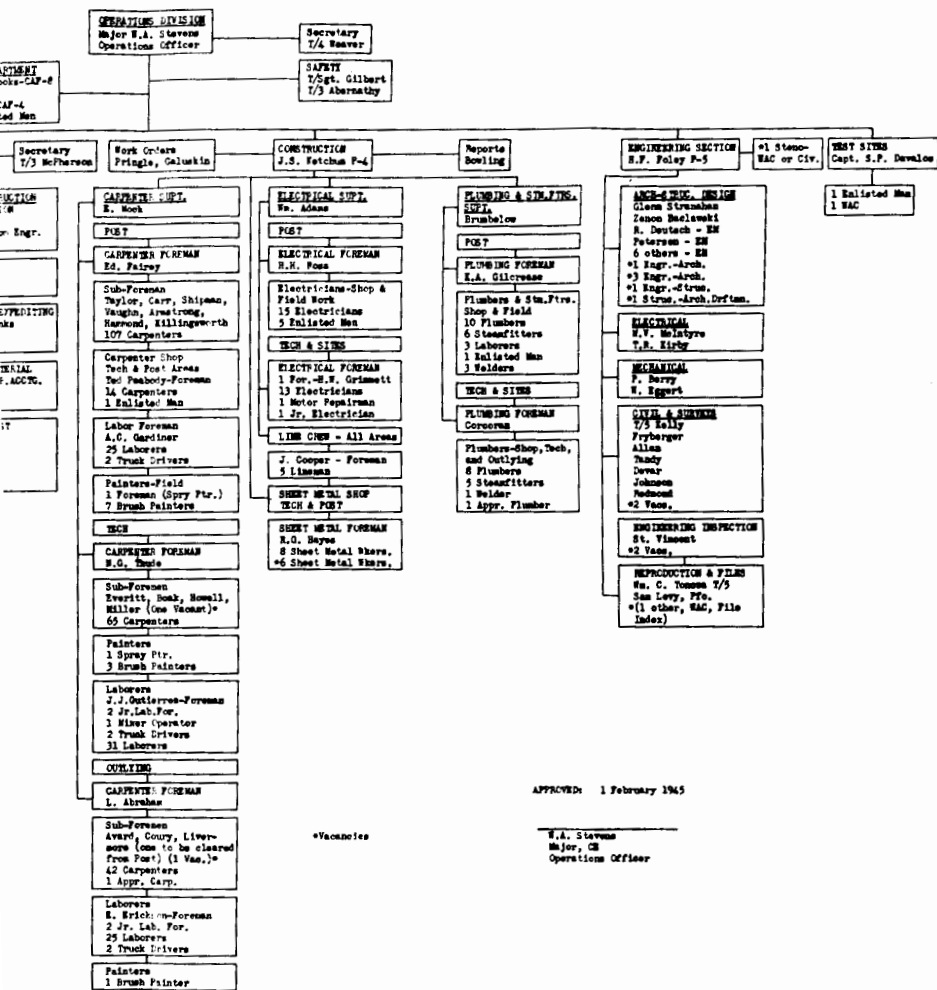


APPROVED: 1 February 1945

W.A. Stevens
Major, CE
Operations Officer

*Vacancies

ORGANIZATION CHART
OPERATIONS DIVISION



APPROVED: 1 February 1945

W.A. Stevens
Major, CG
Operations Officer

*Vacancies

~~SECRET~~
B-4

SECURITY & INTELLIGENCE
 1ST LT W A TAYLOR EXT 340
 POST INTELLIGENCE OFFICE 190
 POST PASS OFFICE 191
 TECH PASS OFFICE 218

COMMANDING OFFICER
 COL LE SEENAN, CE EXT 383
 187

DEPUTY COMMANDING OFFICER
 COL AW BETTS, CE

POST COMMANDER & DEPUTY CO
 LT COL WA STEVENS, CE EXT 380

SECRETARY
 MISS MAY LETHBRON EXT 380, 381

ADMINISTRATIVE ASST
 MR ARNOLD O OLSON EXT 388

EXECUTIVE OFFICER
 MAJ RB MILLER EXT 381

SECRETARY
 MISS RUTH McCANN EXT 381

ASST
 MAJ HARRY N THURTS, CE EXT 388

ADJUTANT
 CAPT WM G BARBER, CE EXT 487

ADMINISTRATIVE DIVISION
 MAJ RICHARD NEWCOMB, CE EXT 384
 ADM ASST
 SGT DEAN

CIVILIAN PERSONNEL BRANCH
 MR JOSEPH P ADAMS EXT 388, 348

ALTERNATIVE SECTION
 MISS FAYE GILLENWATER EXT 388, 348

PAYROLL SECTION
 MR DW TANNER EXT 384

PLACEMENT SECTION
 CIVIL SERVICE BOARD
 MR JH TOULOUSE EXT 384

CLASSIFICATION SECTION
 MR HD CRISS EXT 103

EMPLOYEE RELATIONS SECTION
 MISS VALERIE GAULT EXT 384

TIMEKEEPING SECTION
 MR FH McGOVERN EXT 184

SANTA FE REPRESENTATIVE
 MRS EM ARCUS S F 2007

MILITARY PERSONNEL BRANCH
 CAPT WM G BARBER, CE EXT 487

OFFICER PERSONNEL SECTION
 WOJG R C HARMON EXT 188

MILITARY PROCUREMENT SECTION
 WJG B C McDONNELL EXT 158

RECRUITING SECTION
 LT PD HAMILTON, CE EXT 388

INVESTIGATIONS - CLAIMS BRANCH

INVESTIGATIONS DIV
 CAPT GE KYZER, SIG C EXT 389

AREA CLAIMS DIV
 CAPT LE KYZER, SIG C EXT 389

ARMY EXCHANGE BRANCH
 LT ROY S MIXON, CE EXT 485

SPECIAL SERVICES BRANCH
 LT HR TRUTH MAC EXT 483 RI

POST OFFICE
 LT JOHN T HULLINGER EXT 487

FIELD LODGE
 EAST CAFETERIA
 MR HUMARD M ALGER EXT 484

OFFICE SERVICES BRANCH

MAIL & RECORDS SECTION
 MRS FRANCES SNIETEK
 ASST MISS JO ENSLEY EXT 388

OFFICE SERVICES SECTION
 MISS EARNESTINE SAVILL EXT 81
 TRAVEL EXT 81

FORMS & PUBLICATIONS

THE BULLETIN EXT 386R2

MEMORANDUMS

OFFICE LANTERNS

LABOR RELATIONS BRANCH
 LT CC CAMPBELL, CE EXT 573

FISCAL DIVISION
 LT COL JOHN A MARTIN, FD EXT 88

DISBURSEMENTS BRANCH
 LT COL JOHN A MARTIN, FD EXT 88

FISCAL BRANCH
 LT LOUIS ROBERTS, FD EXT 388

AUDITS SECTION
 SGT BM SEMLER EXT 88 RE

COST SECTION
 MR RANDAN EXT 87I

COLLECTIONS SECTION
 SGT LR HARRAM EXT 88 RE

BILLINGS SECTION
 SGT BERNARD HALEY EXT 88 RI

COMMERCIAL ACCT'S SECTION
 SGT WH WALKER EXT 220

TRAVEL SECTION
 EXT 388

OPERATIONS DIVISION
 LT COL WM J PENLY, CE EXT 489

ASST
 CAPT BB SEERY, CE EXT 488

CONSTRUCTION-MAINTENANCE BRANCH
 MR FS TEW EXT 394

ASST
 MR LAWRENCE T ABRAHAM EXT 394

WORK ORDERS & OFFICE
 MR D W FISH EXT 84

MATERIALS
 MR V H HOLMES EXT 344

BUILDING DEPT
 MR R L LOOMIS EXT 388 RI

MECHANICAL DEPT
 MR THOMAS H CRAWFORD EXT 580

ELECTRICAL DEPT
 MR E G WILLIAMSON EXT 383 RI

ENGINEERING BRANCH
 LT MAX FLATOW EXT 588

CIVIL ENGR & CONSTRUCTION CONTRACTS
 M SGT P DI LUZIO EXT 588 RE

REPRODUCTION & FILES
 PVT C KROLL EXT 588 RE

MECHANICAL DESIGN
 MR R R ROBINSON EXT 348 RE

ARCHITECTURAL-STRUCTURAL DESIGN
 MR E SACLAWSKI EXT 348 RE

ELECTRICAL DESIGN
 MR J HOUSLEY EXT 348 RI

INSPECTION SECTION
 MR O CUMMINGS EXT 588

SURVEYS
 2LT JOHN ALLIN EXT 348 RI

UTILITIES & SERVICE BRANCH
 LT BT ROGERS, CE EXT 592

WATER SUPPLY
 MR RUEL LAYTON EXT 488

STEAM PLANTS
 MR GUY ELDER EXT 81

FURNACE FIRING
 MR MANUEL MORALES EXT 483 RE

FUEL SUPPLY & SAWMILL
 M/SGT HW BURBANK EXT 568

SANITATION - GARBAGE & ASH REMOVAL
 MR FRED McCALL EXT 383 RE

DIESEL PLANT
 MR TR KIRBY EXT 480

LABOR POOL & OIL DISTRIBUTION
 MR JUAN E MARTINEZ EXT 126

EQUIPMENT BRANCH (ORD)

MOTOR TRANSPORT SECTION
 LT E DI SABATINO EXT 488

TECH AREA MOTOR POOL
 MISS MA PARRS EXT 571

POST MOTOR POOL
 MR HV THOMPSON EXT 484

SANTA FE RAILHEAD
 MR JERRY WOLF S F 1047

MOTOR MAINTENANCE SECTION
 LT H B KOHL EXT 180, 392

SHOPS
 T/SGT W V NISSEN EXT 80, 392
 SUPPLY
 MR HE MARKHAM EXT 180, 392

SECURITY & INTELLIGENCE
 1ST LT R A TAYLOR EXT 540
 POST INTELLIGENCE OFFICE 300
 POST PASS OFFICE 701
 TECH PASS OFFICE 718

COMMANDING OFFICER

COL L E SEEMAN, CE EXT 383
 187

DEPUTY COMMANDING OFFICER
 COL W A STEVENS, CE EXT 380

U.S. ENGINEER OFFICE
 P.O. BOX 1539 SANTA FE, N.M.
 APPROVED

DATE 27 MARCH 1946

POST COMMANDER & DEPUTY C.O.
 LT COL W A STEVENS, CE EXT 380

SECRETARY
 MISS MAY LETHBRON EXT 380, 383

ADMINISTRATIVE ASST
 MR ARNOLD O OLSON EXT 388

EXECUTIVE OFFICER
 MAJ R B MILLER EXT 381

SECRETARY
 MISS RUTH MCCANN EXT 381, 382

ASST
 MAJ HARRY H THOMAS, CE EXT 598

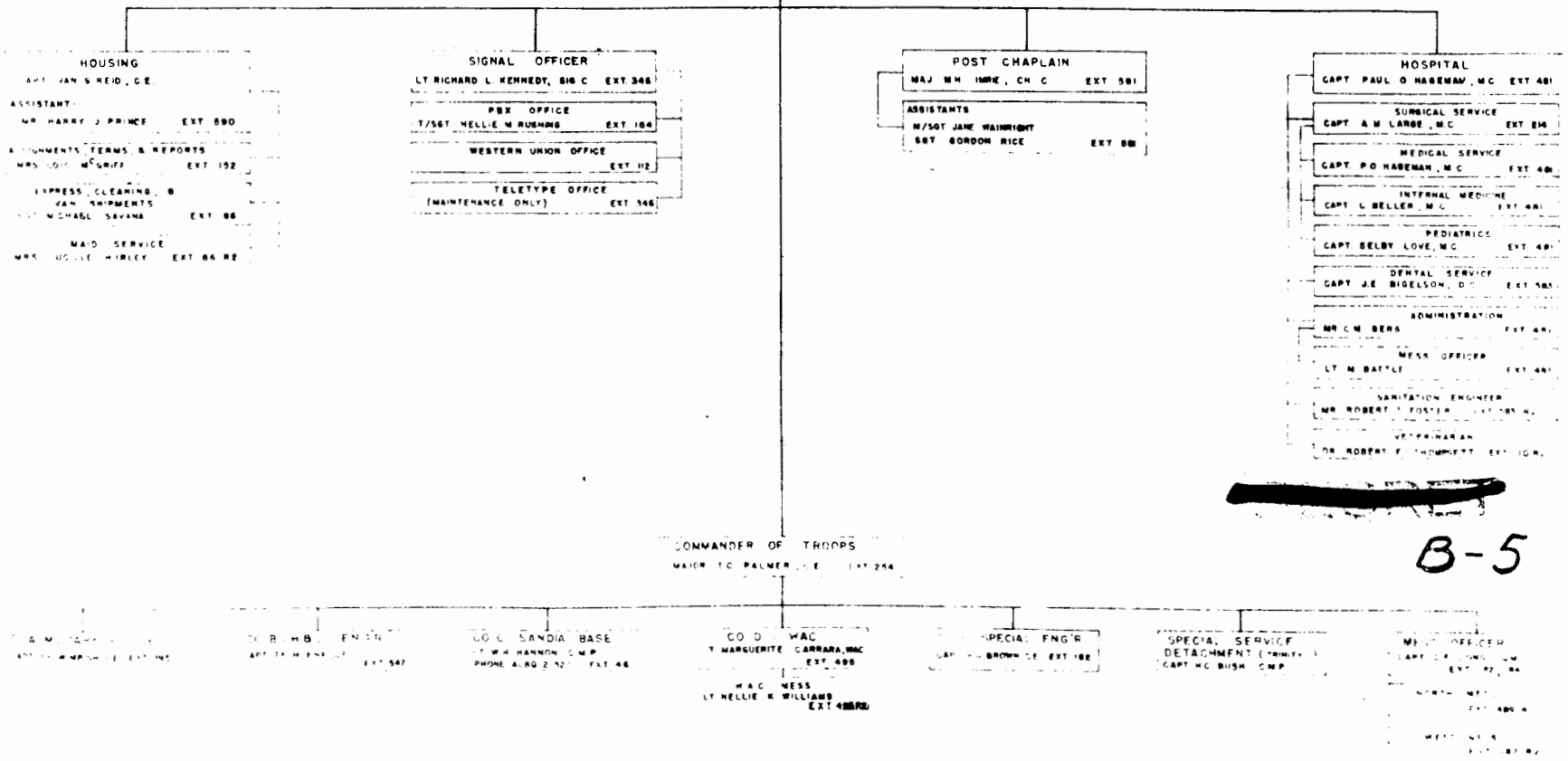
ADJUTANT
 CAPT W M B BARBER, CE EXT 487

- FISCAL DIVISION
 LT COL JOHN A MARTIN, FO EXT 89
- DISBURSEMENTS BRANCH
 LT COL JOHN A MARTIN, FO EXT 89
- FISCAL BRANCH
 LT LOUIS ROBERTS, FO EXT 388
- AUDITS SECTION
 SGT B M SEMLER EXT 88 RB
- COST SECTION
 MR BARBER EXT 87I
- COLLECTIONS SECTION
 SGT L R KARAM EXT 88 RB
- BILLINGS SECTION
 SGT BERNARD HALEY EXT 88 RI
- COMMERCIAL ACCT'S SECTION
 SGT W H WALKER EXT 880
- TRAVEL SECTION
 EXT 388

- OPERATIONS DIVISION
 LT COL W M J PERLY, CE EXT 499
- ASST
 CAPT B B SEERY, CE EXT 498
- CONSTRUCTION-MAINTENANCE BRANCH
 MR F S TEW EXT 394
- ASST
 MR LAWRENCE T ABRAHAM EXT 394
- WORK ORDERS & OFFICE
 MR D M FISH EXT 86
- MATERIALS
 MR V M HOLMES EXT 340
- BUILDING DEPT
 MR R L LOOMIS EXT 393 RI
- MECHANICAL DEPT.
 MR THOMAS H CRAWFORD EXT 800
- ELECTRICAL DEPT
 MR E G WILLIAMSON EXT 393 RI
- ENGINEERING BRANCH
 LT MAX FLATOW EXT 898
- CIVIL ENGR'S CONSTRUCTION CONTRACTS
 M SGT F DI LUZIO EXT 598 RB
- REPRODUCTION & FILES
 PVT C KROLL EXT 898 RB
- MECHANICAL DESIGN
 MR R R ROBINSON EXT 348 RB
- ARCHITECTURAL STRUCTURAL DESIGN
 MR Z SACLAWSKI EXT 348 RB
- ELECTRICAL DESIGN
 MR J HOUSLEY EXT 348 RI
- INSPECTION SECTION
 MR D CUMMINGS EXT 888
- SURVEYS
 27. JOHN ALLEN EXT 348 RB
- UTILITIES & SERVICE BRANCH
 LT B T ROBERTS, CE EXT 592
- WATER SUPPLY
 MR RUEL LAYTON EXT 498
- STEAM PLANTS
 MR GUY ELDER EXT 81
- FURNACE FIRING
 MR MANUEL MORALES EXT 483RE
- FUEL SUPPLY & SAWMILL
 M/SGT H W BURBANK EXT 888
- SANITATION - BARBAGE & ASH REMOVAL
 MR FRED HICALL EXT 583 RB
- DIESEL PLANT
 MR TR KIRBY EXT 490
- LABOR POOL & OIL DISTRIBUTION
 MR JUAN E MARTINEZ EXT 126

- SUPPLY DIVISION
 MAJ EDWARD A WHITE, CE EXT 388
- POST SUPPLY OFFICER
 PROPERTY & ACCOUNTABLE OFFICER
 CAPT W F JENIKE EXT 387
- SUPPLY SECTION
 MR GEORGE S EAST EXT 387
- EXPEDITING
 M/SGT M W BOWEN EXT 891
- REQUISITIONS
 MR DAN H SADLER EXT 591
- PROPERTY & WAREHOUSE SECTION
 MR V R LEPLER EXT 483
- WAREHOUSE
 MR F E TINSLEY EXT 481
- RECEIPTS & DISTRIBUTION
 MR D B LITTLETON EXT 481
- SALVAGE
 M/SGT CHARLES PROHASKA EXT 481
- PROCUREMENT
 MR P A CURRAN PHONE SF 1894
- COMMISSARY & SALES OFFICER
 CAPT GEORGE E BAIR EXT 399
- MANAGER - COMMISSARY
 MR N H GURLEY EXT 399
- OFFICE
 MR E C GURLEY EXT 399
- WAREHOUSE
 T/SGT B B HOFF EXT 888
- STORE
 SGT JOSEPH IGONATA EXT 399
- PRODUCE
 MR A J SCHMITT EXT 399
- MEAT
 MR GEORGE HILLHOUSE EXT 399

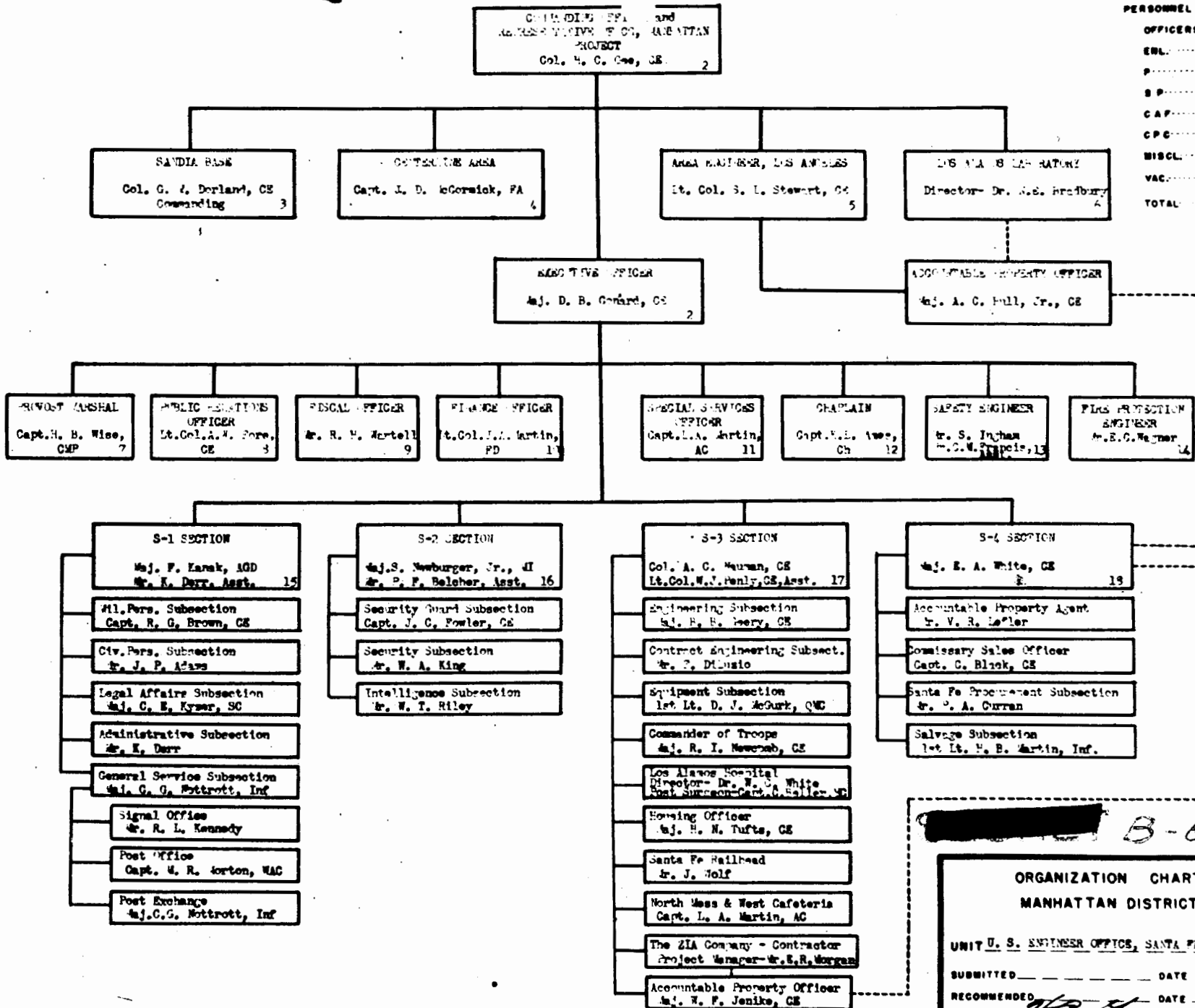
- EQUIPMENT BRANCH (ORD)
- MOTOR TRANSPORT SECTION
 LT E DI SABATHO EXT 484
- TECH AREA MOTOR POOL
 MISS M A PARRS EXT 871
- POST MOTOR POOL
 MR H V THOMPSON EXT 484
- SANTA FE RAILHEAD
 MR JERRY WOLF S.F. 1047
- MOTOR MAINTENANCE SECTION
 LT H B KOHL EXT 180, 382
- SHOPS
 T/SGT W V NISSEN EXT 180, 892
- SUPPLY
 MR H E MARRHAM EXT 180, 382



B-5

PERSONNEL

OFFICERS
 ENL.
 P.
 S.P.
 CAP.
 C.P.C.
 MISCL.
 VAC.
 TOTAL



B-6

**ORGANIZATION CHART
MANHATTAN DISTRICT**

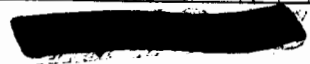
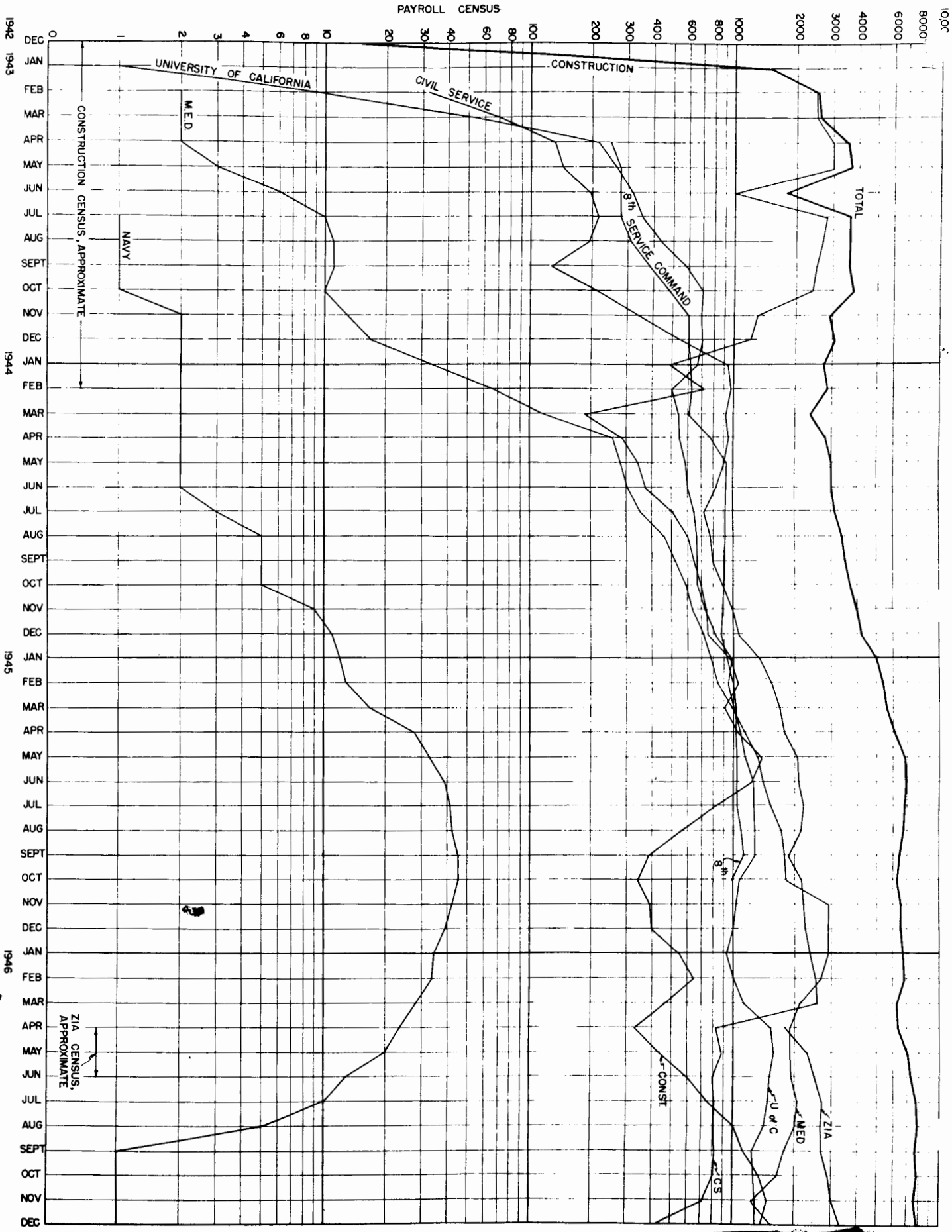
UNIT U. S. ENGINEER OFFICE, SANTA FE, N. M.

SUBMITTED _____ DATE _____

RECOMMENDED _____ DATE _____

APPROVED *[Signature]* DATE 7 Nov 46
H. C. Gee, Col., CE, Commanding

(Subsidiary charts numbered as shown hereon)



[REDACTED]

UTILITY CHARGES

	Efficiency Early Con- struction	3-Room Apartments Early Morgan McKee Construction.			4-Room Apartments Early Morgan McKee Construction			5-Room Apartments Early Morgan McKee Construction			Estimated Monthly Housing Unit Utility Cost for 1 yr. period ending June 1944
Water	\$0.50	\$0.50	\$0.50	\$0.50	\$0.60	\$0.60	\$0.60	\$0.70	\$0.70	\$0.70	\$ 3.51
Refrigeration	1.15	1.15	1.15	1.15	1.35	1.35	1.35	1.35	1.35	1.35	Not determined
Electricity	3.00	2.00	3.00	3.00	2.50	2.50	2.50	3.30	3.30	3.30	"
Heat	3.00	4.00	3.00	3.00	5.00	5.00	5.00	6.00	6.00	6.00	20.90
Janitorial Service	<u>1.00</u>	<u>2.00</u>	<u>2.00</u>	<u>None</u>	<u>1.50</u>	<u>1.50</u>	<u>None</u>	<u>1.50</u>	<u>1.50</u>	<u>None</u>	<u>19.12</u>
Total	\$8.65	\$9.65	\$9.65	\$7.65	\$10.95	10.95	\$7.45	\$12.85	12.85	11.35	----

	<u>2-Rm Ranch Houses & Winterized Hutments</u>	<u>3-Rm Ranch Houses & Winterized Hutments</u>	<u>4-Rm Ranch Houses & Winterized Hutments</u>	<u>5-Rm Ranch Houses & Winterized Hutments</u>	<u>Master Houses</u>	<u>Guest Houses</u>
Water	\$0.50	\$0.50	\$0.60	\$0.60	\$0.70	\$1.00
Refrigeration	1.15	1.15	1.35	1.35	1.35	per day,
Electricity	1.50	2.00	2.50	2.75	3.40	including
Heat	2.50	3.00	3.50	3.75	6.00	utilities
Janitorial Service	<u>None</u>	<u>None</u>	<u>None</u>	<u>None</u>	<u>3.00</u>	
Total	\$5.65	\$6.65	\$7.95	\$8.45	\$14.45	

**TOTAL COST 1 - THE GOVERNMENT OF MAINTAINING SCHOOLS
FOR LOS ALAMOS DURING SCHOOL YEARS 1945-46 AND
1946-47**

1945-46

	<u>OPERATIONS</u>	<u>MAINTENANCE</u>
June, 1945	\$ 813.81	\$ 241.78
July, 1945	657.97	965.48
August, 1945	1,093.52	683.84
September, 1945	1,091.43	132.80
October, 1945	913.23	23.58
November, 1945	1,115.90	
December, 1945	1,250.62	31.68
January, 1946	1,537.43	67.56
February, 1946	1,350.14	86.35
March, 1946	1,295.98	520.11
April, 1946	1,271.57	169.91
May, 1946	1,165.48	108.02
June, 1946	<u>1,107.25</u>	<u>562.45</u>
TOTAL	\$14,664.33	\$3,593.56

The above report does not include any salaries of teachers as these salaries were paid by the University of California.

**TOTAL COST TO THE GOVERNMENT OF MAINTAINING SCHOOL
FOR LOS ALAMOS DURING SCHOOL YEARS 1945-46 AND
1946-47**

1946-47

	<u>OPERATIONS</u>	<u>MAINTENANCE</u>
July, 1946	\$ 3,666.36	\$ 362.34
August, 1946	2,968.94	732.94
September, 1946	9,530.66	371.92
October, 1946	11,424.52	901.90
November, 1946	12,832.49	2,041.16
December, 1946 (thru Dec.24)	16,085.98	2,848.13
January, 1947 (Estimate)	16,145.13	1,540.77
February, 1947 (Estimate)	15,005.33	1,540.77
March, 1947 (Estimate)	16,145.13	1,540.77
April, 1947 (Estimate)	16,145.13	1,540.77
May, 1947 (Estimate)	16,145.13	1,540.77
June, 1947 (Estimate)	<u>5,381.71</u>	<u>1,540.77</u>
TOTAL	141,476.51	16,503.01

[REDACTED]

EXHIBIT 1

CE 601.1
Los Alamos, N. Mex.) SPELA

November 25, 1942

SUBJECT: Acquisition of land for Demolition Range, Los Alamos, New Mexico.
The Commanding General, Services of Supply.

1. There is a military necessity for the acquisition of land indicated under subject above, and described more in detail in paragraph 2 below:

2. Description of land and other pertinent data are as follows:

a. BRIEF DESCRIPTION OF THE LAND: The area is located near Santa Fe and within Sandoval County, New Mexico, as shown in blue on the inclosed map.

b. PROPOSED USE: The land is required for the establishment of a Demolition Range

c. ACREAGE INVOLVED: approximately 54,000 acres. The entire area is owned by the United States Government except for certain small portions within the area outlined in red comprising approximately 8900 acres thereof.

d. IMPROVEMENTS: One established boys school containing expensively constructed improvements and personalty, altogether having a value of \$246,600. It is the intention to acquire the equipment and all other personalty within the premises which can be of use for the intended project. Also certain forest grazing permits must be acquired.

e. ESTIMATED COST: \$440,000.

f. METHOD OF ACQUISITION: The land owned by the United States Government will be acquired by transfer and the privately owned land in fee simple by purchase or condemnation.

3. The determination of military necessity is based upon the recommendation of the Deputy Chief, Construction Division, Office, Chief of Engineers, in memorandum, dated November 24, a copy of which is inclosed.

4. Funds for this acquisition are available from appropriations for Engineer Service, Army.

5. It is recommended that the Under Secretary of War be informed that there is a military necessity for the acquisition of the above mentioned land, and that he be requested to authorized this office to acquire the necessary land for this project.

6. It is also recommended that all papers necessary for the above-mentioned acquisition be removed from secret status.

For the Chief of Engineers:

THOMAS M ROBINS,
Major General
Assitant Chief of Engineers

Incls.

1 Cpy Memo to R.E.B., 11-25-42
2 Map (Nov. 21, 1942).

COPY

SUBJECT: Acquisition of Land for Demolition Range, Los Alamos, New Mexico.

1st Ind.

War Department, Headquarters, Services of Supply, November 25, 1942.
TO: The Under Secretary of War.

1. The Secretary of War directs that you be informed that a military necessity exists for the acquisition of the land referred to in the basic communication.
2. All papers necessary for acquisition of said land are hereby removed from secret status.

For the Commanding General:

W. D. STYER
Major General, C.S.C.,
Chief of Staff

Incls. n/c

2nd Ind.

Office of the Under Secretary of War, November 25, 1942. To: Chief of Engineers.

For acquisition of land in accordance with Section VII, Circular No. 47, 1942.

By direction of the Under Secretary of War.

Incls. n/c

[REDACTED]

EXHIBIT 2

CE 601.52 SPELD
Los Alamos, N.M.

22 March 1943

The Honorable,

The Secretary of Agriculture.

Dear Mr. Secretary:

There is a military necessity for the acquisition of approximately 54,000 acres of land for the establishment of a demolition range.

The required area is located near Santa Fe and within Sandoval County, New Mexico, as shown outlined on the inclosed map. Title to 8,900 acres of privately-owned land in the area will be acquired by condemnation or purchase. The remaining 45,100 acres of federally-owned lands are under the jurisdiction of the Forest Service.

It is requested that you grant the War Department permission to occupy and use all of the federally-owned lands within the above-described area for so long as the military necessity continues.

Your cooperation in making these lands available to the War Department will be greatly appreciated.

Sincerely yours,

s/HENRY L. STIMSON

Secretary of War

Incl.
(Map)

C C
O O
P P
Y

EXHIBIT 3

DEPARTMENT OF AGRICULTURE

WASHINGTON

April 8, 1943

The Honorable,
The Secretary of War.

This will acknowledge your request of March 22 for the occupancy and use of approximately 45,100 acres of national forest lands within the Santa Fe National Forest, New Mexico, for military purposes.

This letter will be your authority to occupy and use for so long as the military necessity continues the lands under the jurisdiction of this Department which are within the boundaries of the area as delineated on the Los Alamos project map accompanying your letter.

The authority contained herein is subject to any rights and privileges which may be outstanding within the described area and to a definition of the conditions of use by a memorandum of understanding to be prepared and executed by and between the local commanding officer of the Project and the Regional Forester at Albuquerque, New Mexico. In this manner the best interests of our respective Departments may be served by making provision for the prevention and suppression of fires, the management and protection of the area, and by outlining the areas within which other uses may be permitted and the restrictions to be placed on such uses. Relative to the last mentioned item, it is probable that procedures have already been set up locally as the result of correspondence between our Departments under dates of February 13 and March 9. Any agreements so reached will remain in effect unless it is found desirable by your respective field officers to modify and incorporate them in the memorandum of understanding to be developed.

Sincerely,

/s/ Claude R. Wickward

Secretary

~~SECRET~~
EXHIBIT 5 - A

SCHEDULE "A"

The subject land aggregates approximately 9,840 acres situated and being in the County of Sandoval, State of New Mexico. A description of the lands involved, together with a list of the purported owners thereof is as follows:

PERIMETER DESCRIPTION OF TRACT "A" - ZIA PROJECT

Beginning at the Southeast corner of Section 13, Township 19 North, Range 6 East, New Mexico Principal Meridian which point is on the County line between Sandoval County and Santa Fe County, New Mexico; thence Westerly a distance of approximately $8\frac{1}{2}$ miles along the South boundary of Sections 13, 14, 15, 16, 17 and 18, Township 19 North, Range 6 East and Sections 13, 14 and 15, Township 19 North, Range 5 East to the point of intersection of said line with the East boundary of the Baca Location and thence Northerly along the boundary line between the Baca Location and Sections 10 and 15, Township 19 North, Range 5 East, a distance of approximately 2 miles to the point of intersection of said line with the North line of Section 10, Township 19 North, Range 5 East; thence Easterly a distance of approximately 6 miles along the North Boundary line of Sections 10, 11 and 12, Township 19 North, Range 5 East and Sections 7, 8, 9 and 10 to the Northeast corner of the North Half of the Northwest Quarter ($N\frac{1}{2}NW\frac{1}{4}$) of Section 10, Township 19 North, Range 6 East; thence southerly a distance of approximately $\frac{1}{4}$ of a mile to the Southwest corner of the North Half of the Northeast Quarter ($N\frac{1}{2}NE\frac{1}{4}$) of said Section 10; thence Easterly a distance of approximately 1 mile to the Southeast corner of the North Half of the Northwest Quarter ($N\frac{1}{2}NW\frac{1}{4}$) of Section 11, Township 19 North, Range 6 East; thence Southerly a distance of approximately $\frac{1}{2}$ mile to the Northwest corner of the south half of the southeast quarter ($S\frac{1}{2}SE\frac{1}{4}$) of said Section 11; thence Easterly a distance of approximately $\frac{1}{2}$ mile to the Northeast Corner of the South Half of the Southeast quarter ($S\frac{1}{2}SE\frac{1}{4}$) of said Section 11; thence Southerly a distance of approximately $\frac{1}{4}$ mile to the Southeast corner of said Section 11; thence Easterly along the North boundary line of Section 13, Township 19 North, Range 6 east to the intersection of said line with the County line between Sandoval County and Santa Fe County, New Mexico; thence Southerly a distance of approximately 1 mile along said County line to the point of beginning.

~~SECRET~~

Name and addresses of purported owners:

O. O. Grant	Los Alamos, New Mexico
Francisco Gonzales	Candelario Street Santa Fe, New Mexico
Ramon Duran	Route 1, Box 168 Santa Fe, New Mexico
Heirs of David Quintana, deceased c/o Mrs. Daniel Quintana	Route 1, Box 133 Santa Fe, New Mexico
Juan Luis Quintana	Espanola, New Mexico
Martin Lujan	1818 West Manhattan Street Santa Fe, New Mexico
Enrique Montoya	Los Alamos, New Mexico
Adolfo Garcia	Espanola, New Mexico
Estate Esequiel Garcia	Espanola, New Mexico
Jose L. Garcia	Espanola, New Mexico
Jose S. Garcia	Espanola New Mexico
Feliciano Garcia	Espanola, New Mexico
Elfego Gomez	Route 1, Box 140, Santa Fe, New Mexico
J.A. Gomez	Route 1, Box 91, Santa Fe, New Mexico
Cirilio Gonzales	Route 1, Box 153 Santa Fe, New Mexico
Estanslao Gonzales	Route 1, Box 147 Santa Fe, New Mexico
Justo Lopez	Espanola, New Mexico
David Roybal	Espanola, New Mexico
Roerto Roybal	Route 1, Box 133, Santa Fe, New Mexico
Jose A. Roybal	Espanola, New Mexico
Juan R. Trujillo	Espanola, New Mexico



Names and addresses of purported owners; (Cont'd)

Samuel Trujillo	Espanola, New Mexico
Anchor Ranch	Los Alamos, New Mexico
Donaciano Gomez	Los Alamos, New Mexico
Jose Elfego Montoya	Route 1, Box 162A Santa Fe, New Mexico
Jose Patricio Montoya	Route 1, Box 162A Santa Fe, New Mexico
Ramon R. Roybal	Route 1, Box 125 Santa Fe, New Mexico
Marcos Trujillo	Route 1, Box 144, Santa Fe, New Mexico
Lew Caldwell	Ponderosa, New Mexico
John O. Hansen	Santa Fe, New Mexico



EXHIBIT 5-B

SCHEDULE "A"

The subject land aggregates approximately 10,540 acres situated and being in the County of Sandoval, State of New Mexico. A description of the lands involved, together with a list of the purported owners thereof is as follows:

PERIMETER DESCRIPTION OF AREA "B" - ZIA PROJECT

Beginning at the Northwest corner of Section 19, Township 19 North, Range 6 East, New Mexico Principal Meridian; thence South approximately one mile along the West line of said Section 19 to the corner common to Sections 19 and 30, Township 19 North, Range 6 East, New Mexico Principal Meridian and Section 24 and 25, Township 19 North, Range 5 East, New Mexico Principal Meridian, thence West approximately $\frac{1}{2}$ mile to the Northwest corner of the Northeast Quarter of Northeast Quarter of Section 25, Township 19 North, Range 5 East, New Mexico Principal Meridian; thence South approximately 0.15 miles to a point on the West boundary of the Northeast Quarter of the Northwest Quarter of said Section 25; thence Easterly approximately $\frac{1}{4}$ mile to the Northwest corner of the Ramon Vigil Grant; thence along the West boundary of the Ramon Vigil Grant approximately 1.1 mile to the North bank of Water Canyon Creek; thence in an Easterly direction approximately 4.0 miles paralleling and to the North of Water Canyon Creek to a point where Water Canyon Creek and Water Canyon Road intersect; thence $2 \frac{7}{8}$ miles in a Southeasterly direction parallel to and to the North of Water Canyon Creek and Water Canyon Road to a point on the Sandoval - Santa Fe County line; thence North $1 \frac{3}{4}$ miles along said County line to a point of intersection with the Southerly boundary of the Indian Sacred Grounds; thence a distance of $2 \frac{1}{2}$ miles along the said southerly boundary to a point on the North boundary of the Ramon Vigil Grant; thence East $1 \frac{7}{8}$ miles along the North boundary of the Ramon Vigil Grant to a point from the Sandoval-Santa Fe County line; thence North $1 \frac{2}{10}$ miles along said County line to the Northeast corner of Section 24, Township 19 North, Range 6 East, New Mexico Principal Meridian; thence Westerly along the North boundary of Sections 24, 23, 22, 21, 20 and 19, to the Northwest corner of Section 19, Township 19 North, Range 6 East, New Mexico Principal Meridian, the point of beginning containing 10,540 acres more or less.

[REDACTED]

NAMES AND ADDRESSES OF PURPORTED OWNERS

Anchor Ranch	Los Alamos, New Mexico
Ramon Duran	Route 1, Box 168 Santa Fe, New Mexico
Bonaciano Gomez	Los Alamos, New Mexico
Jose Elfego Montoya	Route 1, Box 162A Santa Fe, New Mexico
Jose Patricio Montoya	Route 1, Box 162A Santa Fe, New Mexico
Ramon R. Roybal	Route 1, Box 125 Santa Fe, New Mexico
Marcos Trujillo	Route 1, Box 144 Santa Fe, New Mexico
Guaje Stock Association	Los Alamos, New Mexico
Victor Romero	Los Alamos, New Mexico
Fermin L. Vigil	Los Alamos, New Mexico
Francisquito Romero, et al	Not Available
D. Gomez	Los Alamos, New Mexico
E. Montoya	Los Alamos, New Mexico
W. E. Moses	Los Alamos, New Mexico
John O. Hansen	Santa Fe, New Mexico
Adolpho Montoya	Santa Fe, New Mexico
Crestino Montoya	Santa Fe, New Mexico
Abel Montoya	Santa Fe, New Mexico
Candelario Montoya	Santa Fe, New Mexico

[REDACTED]

[REDACTED]

EXHIBIT 5 - C

SCHEDULE "A"

The subject land aggregates approximately 4,650 acres situate and being in the County of Sandoval, State of New Mexico. A description of the lands involved, together with a list of the purported owners thereof is as follows:

PERIMETER DESCRIPTION OF AREA "C" - ZIA PROJECT

Beginning at a point which is the section corner common to Section 18 and 19, Township 19 North, Range 6 East and Sections 13 and 24, Township 19 North, Range 5 East, New Mexico Principal Meridian; thence Westerly along the North line of Sections 24, 23, and 22, a distance of approximately 2.5 miles to the Easterly boundary of the Baca location No. 1; thence Southerly along the Baca Location No. 1 boundary a distance of approximately 2.9 miles to a point on said East boundary of the Baca Location No. 1, said point being also on the North right-of-way line of State Highway No. 4; thence in a general Easterly or Northeasterly direction following the North right-of-way line of said Highway No. 4 a distance of approximately 2.5 miles to a point on the Westerly boundary of the Ramon Vigil Grant; thence continuing in a Northerly and Northeasterly direction along said West boundary of Ramon Vigil Grant a distance of approximately 1.8 miles to the Northwest corner of said Grant; thence Westerly a distance of $\frac{1}{4}$ mile; thence Northerly a distance of approximately $\frac{1}{8}$ mile to the North line of Section 25, Township 19 North, Range 5 East; thence Easterly along said North line of Section 25 a distance of $\frac{1}{4}$ mile to the Southeast corner of Section 24, Township 19 North, Range 5 East; thence Northerly along the East boundary of said Section 24 a distance of approximately 1 mile to the point of beginning, containing 4,650 acres, more or less.

[REDACTED]

[REDACTED]

NAMES AND ADDRESSES OF PURPORTED OWNERS

Gallegos, Henry	Rt. 1 Box 124 Santa Fe, New Mexico
Gomez, Antonio S.	Rt. 1 Box 139 Santa Fe, New Mexico
Gomez, Jose M.	Rt. 1 Box 144 Santa Fe, New Mexico
Medina, Juan	Rt. 1 Box 152 Santa Fe, New Mexico
Quintana, Ricardo	Rt. 1, Box 133 Santa Fe, New Mexico
Roybal, Cresenciano	Rt. 1 Box 125 Santa Fe, New Mexico
Roybal, Eduardo	Rt. 1 Box 135, Santa Fe, New Mexico
Roybal, Elizardo	Rt. 1, Box 132 Santa Fe, New Mexico
Roybal, Jesus B.	Rt. 1, Box 140 Santa Fe, New Mexico
Roybal, Melisandro	Rt. 1, Box 131 Santa Fe, New Mexico
Valencia, Samuel	Rt. 1 Box 144 Santa Fe, New Mexico
Roybal Nevares	Rt. 1 Box 128 Santa Fe, New Mexico
Roybal, Demetrio	Rt. 1 Box 144 Santa Fe, New Mexico
Hansen, John O.	Santa Fe, New Mexico

[REDACTED]

[REDACTED]

EXHIBIT 5 - D

SCHEDULE "A"

The subject land aggregates approximately 544.00 acres situated and being in the County of Sandoval, State of New Mexico. A description of the lands involved, together with a list of the purported owners of outstanding interests thereof is as follows:

PERIMETER DESCRIPTION OF AREA "D" - ZIA PROJECT

Beginning at a point where the North right-of-way line of State Road No. 4 intersects the West boundary of the Ramon Vigil Grant, said point being on the East boundary of Section 36, Township 19 North, Range 5 East of the New Mexico Principal Meridian, in Sandoval County, New Mexico; thence in a general Easterly and Southerly direction a distance of approximately 3.1 miles along North right-of-way line of said State Road No. 4 to a point where an unimproved road leaves said State Road No. 4 and leads to Water Creek Canyon; thence following said unimproved road in a general Easterly direction a distance of approximately 1.8 miles to where the unimproved road turns in a Northwesterly direction to Water Creek Canyon; thence in a general Northwesterly direction along said unimproved road a distance of approximately .7 of a mile to its intersection with the Water Creek Canyon; thence in a general Westerly and Northerly direction along Water Creek Canyon a distance of 4.6 miles to the intersection of said Canyon with the Westerly boundary of the Ramon Vigil Grant; thence Southwesterly along the Westerly line of the Ramon Vigil Grant a distance of approximately .25 of a mile to the point of beginning.

[REDACTED]

NAMES AND ADDRESSES OF IMPORTED GRAZING PERMITTEES

Henry Gallegos	Rt. 1 Box 124 Santa Fe, New Mexico
Antonio S. Gomez	Rt. 1 Box 139 Santa Fe, New Mexico
Jose M. Gomez	Rt. 1 Box 144 Santa Fe, New Mexico
Juan Medina	Rt. 1 Box 152 Santa Fe, New Mexico
Ricardo Quintana	Rt. 1 Box 133 Santa Fe, New Mexico
Cresenciano Roybal	Rt. 1 Box 125 Santa Fe, New Mexico
Eduardo Roybal	Rt. 1 Box 135 Santa Fe, New Mexico
Elizardo Roybal	Rt. 1 Box 132 Santa Fe, New Mexico
Jesus B. Roybal	Rt. 1 Box 140 Santa Fe, New Mexico
Melisandro Roybal	Rt. 1 Box 131 Santa Fe, New Mexico
Samuel Valencia	Rt. 1 Box 144 Santa Fe, New Mexico
Nevares Roybal	Rt. 1 Box 128 Santa Fe, New Mexico
Demetrio Roybal	Rt. 1 Box 144 Santa Fe, New Mexico
John O. Hansen	Santa Fe, New Mexico

[REDACTED]

~~SECRET~~
EXHIBIT 5 - E

SCHEDULE "A"

The subject land aggregates approximately 23,700 acres situate and being in the County of Sandoval, State of New Mexico. A description of the lands involved, together with a list of the purported owners thereof is as follows:

PERIMETER DESCRIPTION OF AREA "E" - ZIA PROJECT

Beginning at the Northeast corner of Section 13, Township 19 North, Range 6 East, New Mexico Principal Meridian, Sandoval County, New Mexico, which point is on the County line between Sandoval County and Santa Fe County, New Mexico; thence Southwesterly along the North boundary line of Section 13 to the Southeast corner of Section 11; thence Northerly along the East line of Section 11 a distance of approximately 1/4 mile to the Northeast corner of the South Half of the Southeast Quarter ($S\frac{1}{2}SE\frac{1}{4}$) of said Section 11; thence Westerly a distance of approximately 1/2 mile to the Northwest corner of the South Half of the Southeast Quarter ($S\frac{1}{2}SE\frac{1}{4}$) of said Section 11; thence Northerly a distance of approximately 1/2 mile to the Southeast corner of the North Half of the Northwest Quarter ($N\frac{1}{2}NW\frac{1}{4}$) of Section 11; thence Westerly a distance of approximately 1 mile to the Southwest corner of the North Half of the Northeast Quarter ($N\frac{1}{2}NE\frac{1}{4}$) of Section 10; thence Northerly a distance of approximately 1/4 mile to the Northeast corner of the North Half of the Northwest Quarter ($N\frac{1}{2}NW\frac{1}{4}$) of said Section 10; thence Westerly a distance of approximately 6 miles along the North boundary line of Sections 10, 9, 8 and 7, Township 19 North Range 6 East and Sections 12, 11 and 10, Township 19 North, Range 5 East, to the point of intersection of said line with the East boundary line of the Baca Location No. 1; thence Northerly a distance of approximately 4 1/8 miles along the boundary line between the Baca Location No. 1 and Sections 3, 34, 27, 22 and 15, Township 20 North, Range 5 East to the Southwest corner of the Santa Clara Indian Reservation; thence Easterly along said boundary line between the Santa Fe National Forest and the Santa Clara Indian Reservation to a point where the County line between Sandoval and Santa Fe County intersects said boundary; thence Southerly a distance of approximately 1/2 mile along the County line between Sandoval and Santa Fe County, New Mexico to the North boundary line of Section 24, Township 20 North, Range 6 East; thence Easterly a distance of approximately 1/8 mile along said North boundary line of Section 24 to the Northeast corner of Section 24 which point is on the County line; thence Southerly a distance of approximately 4 3/4 miles along said County line to the point of beginning, containing 23,700 acres, more or less.

~~SECRET~~

NAMES AND ADDRESSES OF PURPORTED OWNERS

David Roybal	Espanola, New Mexico
Jose A. Roybal	Espanola, New Mexico
Roberto Roybal	R.R. 1, Box 133 Santa Fe, New Mexico
Jose L. Garcia	Espanola, New Mexico
Feliciano Garcia	Espanola, New Mexico
Adolfo Garcia	Espanola, New Mexico
Estate of Esequiel Garcia	Espanola, New Mexico
Alfego Gomez	R.R.1, Box 140 Santa Fe, New Mexico
J. A. Gomez	R.R.1, Box 91 Santa Fe, New Mexico
Cirilo Gonzales	R.R.1, Box 153 Santa Fe, New Mexico
Estanislado Gonzales	R.R.1, Box 147 Santa Fe, New Mexico
O. O. Grant	Otowi, New Mexico
Justo Lopez	Espanola, New Mexico
Jose S. Garcia	Espanola, New Mexico
Solomon Garcia	Espanola, New Mexico
Juan R. Trujillo	Espanola, New Mexico
Samual Trujillo	Espanola, New Mexico
Estate of New Mexico	Espanola, New Mexico c/o Commission of Public Lands Santa Fe, New Mexico
County Clerk, Sandoval County	Bernalillo, New Mexico
County Treasurer, Sandoval County	Bernalillo, New Mexico
Jose M. Serna	Route 1, Box 150 Santa Fe, New Mexico
Fidel Serna	Route 1, Box 150 Santa Fe, New Mexico

[REDACTED]

NAMES AND ADDRESSES OF PURPORTED OWNERS (cont'd)

Frederico Gonzales

Route 1, Box 120
Santa Fe, New Mexico

Benigno Roybal

Route 1, Box 164
Santa Fe, New Mexico

Ernesto Montoya

Box 135
Española, New Mexico

Adolfo Montoya

Box 185
Española, New Mexico

[REDACTED]

[REDACTED]
EXHIBIT 3-A

Aug 8, 1944

Honorable John J. Dempsey,
Governor of New Mexico,
Santa Fe, New Mexico.

Dear Governor Dempsey:

The laws of the State of New Mexico (sections 8-202, 8-203, 8-204, and 8-207, article 2, chapter 8, New Mexico Statutes, 1941, Annotated) permit the assumption of exclusive Federal jurisdiction over lands within that State acquired or reserved by the United States for military and certain other purposes.

Under section 355, Revised Statutes, as amended by the act of February 1, 1940 (54 Stat. 19), and by the act of October 9, 1940 (54 Stat. 1083; 40 U. S. C. 255), it is provided in effect that unless and until the United States has accepted jurisdiction over lands acquired or in which any interest shall have been acquired after February 1, 1940, it shall be conclusively presumed that no such jurisdiction has been accepted.

Accordingly, notice is hereby given that the United States accepts exclusive jurisdiction over all lands acquired by it for military purposes within the State of New Mexico, title to which has heretofore vested in the United States, and over which exclusive jurisdiction has not heretofore been obtained. Exclusive jurisdiction is also accepted over all lands reserved from the public domain for military purposes, over which such jurisdiction has not heretofore been obtained.

Return of the duplicate copy of this letter, with your indorsement thereon designating time of receipt of this acceptance by your office, would be appreciated.

Sincerely yours,

(Signed) ROBERT P. PATTERSON

Secretary of War

The original of this letter of acceptance was received in the Office of the Governor on the 1st day of Sept. 1944.

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lieut. TC

/s/ John J. Dempsey
Governor of the State of New Mexico

[REDACTED]

D-9

RECEIVED
WAR DEPARTMENT
SECRETARY'S OFFICE

1945 JUN 18 AM 9:17

MAY 24 1945

Honorable John J. Dempsey
Governor of New Mexico
Santa Fe, New Mexico

Dear Governor Dempsey:

The laws of the State of New Mexico (Sections 8-202, 8-203, and 8-204, article 2, chapter 8, New Mexico Statutes, 1941, Annotated) permit the assumption of exclusive Federal jurisdiction over lands within that State acquired by the United States for military and certain other purposes.

Under section 355, Revised Statutes, as amended by the act of February 1, 1940 (54 Stat. 19), and by the act of October 9, 1940 (54 Stat. 1083) (40 U.S.C. 295), it is provided in effect that unless and until the United States has accepted jurisdiction over lands acquired or in which any interest shall have been acquired after February 1, 1940, it shall be conclusively presumed that no such jurisdiction has been accepted.

Accordingly, notice is hereby given that the United States accepts exclusive jurisdiction over all lands acquired by it for military purposes within the State of New Mexico, title to which has heretofore vested in the United States, and over which exclusive jurisdiction has not heretofore been obtained.

Return of the duplicate copy of this letter, with your endorsement thereon designating time of receipt of this acceptance by your office, would be appreciated.

Sincerely yours,

HENRY L. STINSON

Secretary of War

The original of this letter of acceptance was received in the Office of the Governor on the 1st day of June, 1945.

/s/ John J. Dempsey
Governor of the State of New Mexico

D-10

September 7, 1944

Honorable John J. Dempsey
Governor of New Mexico
Santa Fe, New Mexico

Dear Governor Dempsey:

Reference is made to my letter of August 21, 1944, furnishing a list of military reservations in the State of New Mexico comprising lands acquired or reserved from the public domain as of August 8, 1944.

Exclusive jurisdiction has been obtained over all land in the State of New Mexico acquired in fee simple by the United States for military purposes prior to August 8, 1944, by purchase, condemnation, or donation; also over all lands set apart from the public domain for the Fort Wingate Military Reservation and the Fort Bliss Target Range.

It has been discovered that in compiling the list furnished with the letter of August 21, 1944, certain military reservations, in addition to Fort Wingate and Fort Bliss Target Range, were included which consisted entirely of public domain land. Since the laws of the State of New Mexico do not confer exclusive jurisdiction over land reserved from the public domain for military purposes, excepting lands so reserved for the Fort Wingate Military Reservation and the Fort Bliss Target Range, it was not the intention of this Department to include in the list such reservations. Therefore, in order to correct your records, there has been prepared and is inclosed a new list of military reservations in the State of New Mexico which are wholly or in part under the exclusive jurisdiction of the United States.

It is regretted that the previous list furnished you included lands over which exclusive jurisdiction had not been obtained.

Sincerely yours,

Henry L. Stinson

Secretary of War.

1 Incl.
List of MIL. res.

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Major Contracts Supervised by Albuquerque Engineer District to 15 March 1944.
 After this date contracts were administered through Manhattan Engineer District.

<u>Contractor</u>	<u>Contract No. & Type</u>	<u>Payment</u>	<u>Starting Date</u>	<u>Completion Date</u>
W. C. Kruger	W29-005-Eng-163, NLS	\$ 23,279.50	31 Dec. '43	11 Apr. '44
W. C. Kruger	W911-Eng-1713, NLS	45,000.00	23 Nov. '42	30 Jan. '43
W. C. Kruger	W911-Eng-1882, NLS	18,442.50	5 Apr. '43	30 Nov. '43
W. C. Kruger	W911-Eng-2042, NLS	84,988.88	1 June '43	30 Nov. '43
W. C. Kruger	W911-Eng-1958, NLS	3,250.00	10 May '43	24 May '43
M. M. Sundt	W911-Eng-1667, NLS	7,726,981.00	6 Dec. '42	30 Nov. '43
A. D. Peabody	W29-005-Eng-6, NLS	360,677.00	22 July '43	30 Nov. '43
Perdue Tank Co.	W29-005-Eng-82, NLS	12,728.00	9 Oct. '43	30 Nov. '43
J. E. Morgan & Son	W29-006-Eng-184, NLS	383,155.00	12 Jan. '44	15 Mar. '44
Robt. McKee	W29-005-Eng-166, NLS	458,018.00	12 Jan. '44	1 Apr. '44
Robt. McKee	W29-006-Eng-189, NLS	35,545.28	6 Mar. '44	1 Apr. '44
Total		59,142,073.34		
plus Govt. overhead and incidental expenses		348,189.00		
		<u>59,490,262.34</u>		

Major Contracts supervised by the Manhattan Engineer District through 31 Dec. 1946.

<u>Contractor</u>	<u>Contract No. & Type</u>	<u>Payment</u>	<u>Starting Date</u>	<u>Completion Date</u>
Johnson Service Co.	W-7425-Eng-9, PC	\$ 47,296.10	18 Nov. '43	17 July '44**
Texas Prefab House	W-7425-Eng-21, PC	34,988.85	16 Dec. '43	24 Apr. '44
Robt. McKee	W-7425-Eng-55, NLS	1,682,108.11	25 Mar. '44	15 Oct. '45
Robt. McKee	W-7425-Eng-72, NLS	1,616,519.88	7 July '44	15 Oct. '45
Robt. McKee	W-17-028-Eng-1, NLS	1,835,532.70	20 Sep. '44	1 Oct. '45
Robt. McKee	W-17-028-Eng-3, NLS	1,049,790.25	21 Sep. '44	15 Oct. '45
Robt. McKee	W-17-028-Eng-13, NLS	6,985,099.50	12 Mar. '45	15 Mar. '46
Robt. McKee	W-17-028-Eng-14, NLS	34,230.00	1 Jan. '45	1 Apr. '45
Robt. McKee	W-17-028-Eng-84, NLS	288,246.64	28 July '45	29 Apr. '46
Robt. McKee	W-17-028-Eng-74, NLS	358,053.00	15 Oct. '45	27 May '46
Robt. McKee	W-17-028-Eng-96, NLS	1,138,349.98	15 Apr. '45	to date
Robt. McKee	W-17-028-Eng-112, NLS	2,156,889.33	28 June '46	to date
W. C. Kruger	W-7425-Eng-15, NLS	2,000.00	7 Dec. '43	28 Dec. '43*
W. C. Kruger	W-7425-Eng-60, NLS	26,978.00	1 May '44	1 July '44
W. C. Kruger	W-7425-Eng-73, NLS	28,383.45	15 June '44	15 Aug. '44
W. C. Kruger	W-7425-Eng-75, NLS	20,218.50	1 Aug. '44	1 Nov. '44
W. C. Kruger	W-7425-Eng-78, NLS	23,145.00	1 Sep. '44	1 Dec. '44
W. C. Kruger	W-17-028-Eng-4, NLS	25,025.00	3 Oct. '44	3 Jan. '45
W. C. Kruger	W-17-028-Eng-6, NLS	55,986.30	22 Nov. '44	8 May '45
W. C. Kruger	W-17-028-Eng-16, NLS	197,138.00	7 Apr. '45	15 Oct. '45
W. C. Kruger	W-17-028-Eng-38, NLS	188,885.45	4 Mar. '46	to date
Automatic Sprinkler	W-17-028-Eng-12, NLS	88,254.50	16 Feb. '45	31 Dec. '45
Automatic Sprinkler	W-17-028-Eng-95, NLS	41,328.00	29 Jan. '46	to date
Black & Veatch	W-17-028-Eng-88	184,118.00	7 Jan. '46	to date
Total		518,088,138.34		

NOTE: The above figures were procured from the Cost and Accounting Department,
 Los Alamos, New Mexico.

* This contract was supervised by Manhattan Engineer District prior to 15 March 1944, and is
 an apparent exception to the date the Albuquerque District relinquished its jurisdiction.

** Date of first partial payment. Starting date not available.

DATA ON MISCELLANEOUS POST BUILDINGS

Administration Building, T-1, the first Administration Building as constructed was H-shaped, each section twenty feet wide. Because of the expansion of facilities required to be administered from this building, it was necessary at various intervals to add a wing for the Intelligence and Security Division, a wing for the Engineering Section, a wing for the Operations Division, and a wing for the Personnel Section, all totaling 12,418 square feet. This building was constructed of drop siding on 1/2-inch gypsum board and lined on the interior with 1/2-inch gypsum board on the walls and celotex on the ceiling. The building was originally heated with Army Number 1 space heaters but because of excess dirt, dust and necessary janitorial service, oil burning space heaters supplemented with electric air heaters were installed. Total cost of construction was \$41,198.12. Contract covering original construction was W911-ENG-1667, completed in 1943. Other modifications were covered by contracts W911-ENG-1882, 1956, 2042, 1713; W-29-006-ENG-163 and hired labor.

Administration Building, T-13, of the same type of construction as building T-1, was constructed in a U-shape to provide office space for Army and Post Personnel Sections, Finance and Fiscal Sections, in 7,900 square feet. Total cost of construction was \$67,245.59. Contracts covering original construction and modifications are W-17-028-ENG-14, 74 and hired labor.

Administration Building, T-44, same construction as the other two Administration Buildings, rectangular in shape. Total cost of construction was \$31,241.00, completed 31 December 1946. Original construction was covered by contract 44-153-ENG-63. Used for offices of Commanding Officer.

Central Fire Station, T-26 Total cost of construction \$89,219.72. Original work done by hired labor, completed 20 August 1945.

Cleaning and Pressing Plant, T-20, 80' x 32' with a 20' x 18' wing, concrete foundation and floor, wood construction with gypsum board siding. Total cost of construction \$14,526.10. Original construction and modification by hired labor, completed in August 1944.

Commissary, T-24, operated as an Army Commissary for the civilian personnel, was built of drop siding exterior and gypsum board interior. This building was outgrown soon and additions were made bringing the total floor space to 8,863 square feet. The Commissary is a complete food market having a fresh vegetable section and butcher shop, complete with the necessary cold storage units. The total cost of construction was \$153,573.39. The original construction was covered by contract W911-ENG-1667, completed in 1943. Other modifications were covered by contracts W-911-ENG-1882, 1956, 2042, 1713; W-29-006-ENG-163; W-7425-ENG-13, 72, 78; W-17-028-ENG-14; and hired labor.

Hospital, T-30 The original hospital for civilian personnel at the Project was a 5-bed industrial type dispensary, constructed of one inch drop siding on 1/2-inch gypsum board, lined on the inside with 1/2-inch of the same material and heated with steam heat. It contained a dental clinic, equipped with three regular units. As the Project expanded, various additions were made to the hospital, and it has now expanded to a station hospital classification of sixty beds. A

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total of five additional wings have been constructed. This building is heated by hot water heat, controlled with a zone temperature control, using Johnson Service Durostats, to maintain an even temperature by zones in the daytime. It is equipped with a day-night clock to lower the temperature at night and automatically bring back the desired daytime temperature beginning at 5 o'clock in the morning. It is also equipped with an auxiliary power plant for use in case of a breakdown in the main electric power supply. The total cost of construction was \$412,741.54. Original construction was covered by contract W911-ENG-1667, completed in 1943. Other modifications are covered by contracts W-17-028-ENG-1, 13, 74, 75; W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163; W7425-ENG-72, 73; and hired labor.

East Cafeteria, T-200, of design capacity for 400 persons was completed in a location available to the personnel of the Project living in dormitories located in the immediate area. A variety of foods of a higher quality were served in restful surroundings as a contributing factor to Project morale. This building is equipped with standard army kitchen equipment and constructed of triple-seal gypsum board for exterior walls and has a pitched roof. Total cost of construction is \$80,878.81. Original construction was covered by contract W7425-ENG-72, completed 14 February 1945. Other modifications are covered by contracts W-17-028-ENG-6, 13, and hired labor.

Fuller Lodge, T-31, one of the original Ranch buildings, serves excellent meals to site residents. Total cost of modifications are \$3,528.04, covered by contracts W911-ENG-1667, 1882, 1956, 2042, 1713; W-29-005-ENG-163, and hired labor.

Garage and PX Warehouse, T-81, is 70' x 84', 5880 square feet, concrete foundation, wood construction with gypsum board siding. Total cost of construction was \$10,070.19. Work completed by hired labor September 1944.

Laundries, T-205, 20' x 64', 1280 square feet, concrete foundation and floor, wood construction with gypsum board sheathing. The total cost of construction was \$12,127.27. The original construction was covered by contract W911-ENG-1667, completed in 1943. Other modifications were covered by contracts W911-ENG-1882, 1956, 2042, 1713.

Laundries, T-136, 20' x 50', wing 14' x 20' Total cost of construction was \$8,744.77. Original construction was covered by contract W911-ENG-1667, completed 1943. Modifications were covered by contracts W911-ENG-1882, 1956, 2042, 1713 and W-29-005-ENG-163.

Laundries, T-845, 20' x 64'8" The total cost of construction was \$7,200.00. Work completed by hired labor April 1945.

Laundries, T-870, 20' x 65'8" Total cost of construction was \$8,656.50. Work completed by hired labor, March 1945. Modification covered by contract W17-028-ENG-14.

MP and PED Mess Hall Total cost of construction was \$39,547.20. The original construction was covered by contract W911-ENG-1667, completed in 1943. Other modifications were covered by contracts W911-ENG-1882, 1956, 2042, 1713, and hired labor.

MP and PED PX Total cost of construction was \$12,781.16, contract covering original construction was W911-ENG-1667, completed 1943. Other modifications were

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covered by contracts W911-ENG-1882, 1956, 2042, 1713, and hired labor.

North Mess Hall, T-103, was constructed to fill the needs of employed wives and unmarried civilian personnel at the Project. It is constructed the same as regular military mess halls and was originally designed and built for 250 man capacity. As the project expanded, it was enlarged to seat 400 persons. Total cost of construction was \$68,281.50. Contract covering original construction was W911-ENG-1667, completed 30 November 1943. Other modifications are covered by contracts W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163; W-17-028-ENG-6 and hired labor.

Nursery School Under the original construction, a building, T-126, containing 2,897 square feet of floor space, was constructed as a nursery for pre-school-age children. It has one story and is of modified mobilization type construction with wood siding and a shingle roof. It is heated by a direct, cast-iron radiation unit using a vapor steam system supplied from a cast-iron, low pressure steam boiler, installed in the basement furnace room. Total cost of construction was \$27,980.95. Original contract for construction was W911-ENG-1667, completed in 1943. Contracts covering modifications are; W911-ENG-1882, 1956, 2042, 1713; and W-29-005-ENG-163.

Post Office, T-22, is 20' x 120' 7", 4,413 square feet, concrete foundations and piers, wood construction with gypsum board siding. Total cost of construction is \$12,708.89. Work completed by hired labor 8 May 1945. Modification covered by contract W-17-028-ENG-14.

School (Elementary and High) Under an expansion, an eight room school building containing 11,234 square feet with a capacity for 250 children, was constructed. Two additions bring the total floor space to 17, 128 square feet. The building is one story construction, H-shaped. There are two wings of different floor elevations connected by an enclosed passage. Exterior walls are covered with triple-seal gypsum siding and the roof is a flat, built-up type. The interior walls are covered with gypsum board, with a pressed wood wainscot four feet high. The ceilings are acoustical tile on gypsum board with rock wool insulation between ceiling and roof. The building is heated by a combination of direct, cast-iron steam radiation units and 25 unit heaters, one of which is in each classroom. Temperature is controlled by individual room thermostats. Total cost of construction was \$210,801.18. Original construction was covered by contract W911-ENG-1667, completed in 1943. Other modifications were covered by contracts W-17-028-ENG-74; W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163; W7425-ENG-75, and hired labor.

SED Mess Hall (West Mess), T-231 Total cost of construction was \$51,423.76. Original construction covered contract W911-ENG-1667, completed September 1943. Other modifications were covered by contracts W7425-ENG-78; W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163; and hired labor.

Service Club, T-7, 77' x 98'3" with a 10'8" x 10'8" wing, concrete foundation, wood construction. Total cost of construction was \$41,506.36. Original construction was covered by contract W911-ENG-1667, completed in 1943. Other modifications were hired labor.

Technical PX, T-29, is 55' x 70'. An original Ranch School building modified con-

crete foundation and floor, wood construction with gypsum board sheathing. The total cost of modification was \$9,633.85. Work completed by hired labor March 1945.

Theatre Number 1, T-376, in the east area, seats 376 persons and has 4,218 square feet of floor space. It is constructed of drop siding for exterior walls and sealed on the inside with 1/2-inch gypsum. This theatre also provides church service facilities. Total cost of construction was \$36,001.50. Contract covering original construction was W911-ENG-1667, completed in 1943. Other modifications were covered by contracts W911-ENG-1882, 1956, 2042, 1713; W-17-028-ENG-16, and hired labor.

Theatre Number 2, T-3, in the central area, seats 650 persons, and has 11,596 square feet of floor space. This theatre is equipped with a basketball court and is used for a school physical education building. In addition the back part of the building contains rooms used as offices and shower room. The theatre also has a stage which is used to present plays and for various other activities of the Project, such as dances, concerts, conferences and addresses. It was the meeting place for the Colloquia, a Tuesday night conference for all staff members of the operating contractor. It is constructed of drop siding for exterior walls and sealed on the inside with 1/2-inch gypsum board. The theatre provided church service facilities before the recent completion of the chapel. The total cost of construction was \$58,890.24. Original contract was W911-ENG-1667, completed in 1943. Modifications were covered by contracts W911-ENG-1882, 1956, 2042, 1713 and W-29-005-ENG-163.

Trading Post and Pee Wee PX, T-8, a log structure having 2,620 square feet. Total cost of existing structure remodeled was \$9,204.90. Contract covering original construction was W911-ENG-1667, completed in 1943. Modifications were covered by contracts W911-ENG-1882, 1956, 2042, 1713 and W-29-006-ENG-163.

WAC Mess Hall - West Mess, T-227 Total cost of construction was \$31,768.72. Contract covering original construction was W7425-ENG-72, completed in 1943. Contracts covering modifications are hired labor and W-17-028-ENG-6.

Youth Center, T-113, 68' x 38', with a 10' x 28' wing. Total cost of construction \$10,313.64. Original construction and modification by hired labor, completed 30 December 1945.

**REPORT OF HOUSING CONSTRUCTION COSTS -
COST ACCOUNTING DEPARTMENT - LOS ALAMOS, NEW MEXICO**

Housing Description	No. of Units	No. of Living Quarters	Cost per Hqs. Unit	Cost per 1 Bedroom Unit	Cost per 2 Bedroom Unit	Cost per 3 Bedroom Unit	Total	Contract Number
Apartment Ranch House (Original structures - cost not available)	17*	17	\$1,475.77				\$25,088.02	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; H.L.
Big House (Original Structures - cost not available)	1*	18	4,420.19				4,420.19	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; H.L.
Guest House (Original Structures - cost not available)	1*	2	437.22				437.22	#911-Eng-1667; H.L.
Fuller Lodge (Original Structures - cost not available)	1*	11	3,528.04				3,528.04	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; H.L.
Master Houses (Original Structures - cost not available)	6*	6	7,132.40				42,794.40	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #17-028-Eng-74; H.L.
Sundt Apartment 2 Family - 3 Room	12	24	12,773.48				153,281.77	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #7425-Eng-9; H.L.
Sundt Apartment 4 Family - 4 Room	30	120	25,954.13				778,624.06	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #7425-Eng-9; H.L.
Sundt Apartment 4 Family - 5 Room	29	116	28,399.09				822,413.71	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #7425-Eng-9; H.L.
Sundt Apartment Efficiency - 8 Family	9	72	37,404.35				336,639.19	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163.
Morgan Duplex Apartments	8 15 5	16 30 10		9,900.97	11,530.57	13,010.16	317,217.07	#7425-Eng-9; #17-028-Eng-13; #29-005-Eng-163, 164; H.L. #911-Eng-1882, 1956, 2042, 1713
McKee Prefabs	22 34 44	22 34 44		3,620.32	4,189.33	4,865.42	436,162.42	#7425-Eng-72, 73
Hanford Prefabs	26 81	26 81		3,837.49	4,796.84		488,318.43	#17-028-Eng-74; H.L.
Western Area Houses	125** 127**	150 152			4,786.98	4,923.75	1,466,457.21	#17-028-Eng-98, 112, 74
Metal Prefab Houses	50**	50			695.86		34,793.00	#44-153-Eng-68, 72, 63; #17-028-Eng-108, 130
Dormitory - Women 18 Room	1	18	27,504.42				27,504.42	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; H.L.
Dormitory	19	760	55,517.50				1,054,832.64	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #7425-Eng-72, 9, 73; #17-028-Eng-74, 13; H.L.
Civilian Dormitory	1	20	39,221.90				39,221.90	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #17-028-Eng-6, 74; #7425-Eng-72
Bachelor Officer Qtrs.	1	34	10,037.89				10,037.89	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; H.L.
Dormitory	6	107	4,413.51				26,481.10	H.L.
Dormitory	7	264	43,858.29				307,008.06	#7425-Eng-72, 9; #17-028-Eng-74, 6; H.L.
Dormitory - McKee	1	50	27,601.85				27,601.85	#7425-Eng-55
Baracks - Dormitory	2	115	34,933.26				69,866.53	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #7425-Eng-72; H.L.
Baracks - 20 Room	4	80	40,113.86				160,455.45	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #17-028-Eng-6; #17-028-Eng-74; H.L.
Baracks - WAC	2	40	39,221.90				78,443.80	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #17-028-Eng-6, 74; #7425-Eng-72
Baracks - MP	13	350	7,947.72				103,320.31	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #17-028-Eng-13; H.L.
Baracks - EBC, PED	9	150	13,074.28				117,668.57	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #17-028-Eng-55, 13; H.L.
Baracks - SED (Baracks)	14	557	26,525.30				371,354.33	#17-028-Eng-13, 16, 6, 74; #7425-Eng-72; H.L.
Baracks - SED (Hutment)	1	4	1,000.11				1,000.11	H.L.
Pacific Hut Baracks	10	200	2,022.99				20,225.90	H.L.
National Huts	15	30	2,022.99				30,338.85	H.L.
Pacific Huts	28	56	2,022.99				56,632.52	H.L.
Hutments	147#	147	926.18				136,148.44	#911-Eng-1667, 1882, 1956, 2042, 1713; #7425-Eng-21, 15, 55; #17-028-Eng-14; #29-005-Eng-163; H.L.
Trailer Area	322***	322	209.38				67,419.30	#17-028-Eng-74; H.L.
Latrines	38		2,851.91				108,372.88	#911-Eng-1667, 1882, 1956, 2042, 1713; #29-005-Eng-163; #7425-Eng-21, 55, 15
							7,736,109.38	GRAND TOTAL

* Original cost of these structures were included in purchase price of Los Alamos proper.

** These cost figures do not reflect complete cost of these units but only work completed as of 31 December 1946. Estimated costs are: Two Bedroom Units \$11,183.00; Three Bedroom Units \$11,503.00 each. This figure is based on the number of living quarters as of 31 December 1946.

*** This does not include the cost of the trailers.

Number of hutments transferred from Albuquerque District. Only 51 in use as housing units as of 31 December 1946.

Note: Total number of actual living quarters available for occupancy is 4091. Actual number of individuals and families paying rent were 3806. Number of soldiers occupying quarters was approximately 1100. The difference between the total number of people living at Los Alamos and the total number of quarters available was due to the fact that military personnel were doubling up in the barracks, and civilians were being assigned two to a single room in dormitories.

(H.L. represents Force Account or Hired Labor)

DATA ON TECHNICAL BUILDINGS

"A" Building, T-430, is 147'2" long and 45' wide of two story asbestos shingle construction. Total cost of construction was \$139,801.48. Contract covering original construction was W911-ENG-1667. It was apparently completed 5 October 1943. Two modifications were completed 5 July 1945 and 13 August 1945 by hired labor. Other modifications were covered by contracts W911-ENG-1882, 1956, 2042, 1713. Used as a Administration Building with PBX room for central exchange. One air conditioned office for the Director is located in this building.

"B" Building, T-431, As originally constructed was 210' long and 68' wide for most of its length except for a wing at each end, 32' wide and 20' long. An addition was made to the corner of the last wing of the building, 32' long and 10' wide, with another wing extending 10' long and 11' wide. Total cost of construction was \$209,488.78. Contracts covering original construction and modifications are: W911-ENG-1882, 1956, 2042, 1713; 1667; W-29-005-ENG-163; W-17-028-ENG-12. It was apparently completed 11 October 1943. Administration Building with a number of electronics laboratories, and a heavy metallurgical laboratory in the basement. Originally built for Ordnance Division (Captain Parsons).

"C" Building, T-432, was originally constructed 91' wide and 97' long. An addition was made, 97' wide and 87' long. Total cost of construction was \$388,044.00. Contracts covering original construction and modifications are: W911-ENG-1667; W-17-028-ENG-1, 16; W 7425-ENG-55, 56, 60; W911-ENG-1882, 1956, 2042, 1713 and W-29-005-ENG-163. Completion date was the early part of 1943. Used as a Machine Shop.

"D" Building, T-433, was originally constructed 206'7" long and 85'2" wide with a wing extending from the middle 41' wide and 80' long. Three additions were made, 144' long and 50' wide, 25' x 46'11", and 10' x 25'. Total cost of construction was \$758,027.47. Contract covering original construction was W911-ENG-1667. It was completed the early part of 1943. Other modifications were covered by contracts W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163; W7425-ENG-55, 60, 78; and hired labor. The building is divided into a number of small rooms and is equipped with very complex laboratories serviced with water, air, gas, and electricity. The first portion of the building contains some five miles of piping. It is completely air conditioned and dustproof. It is used as chemistry laboratories.

"E" Building, T-418, is 30' wide and 125' long with two 30' square wings. Total cost of construction was \$80,756.94. Contract covering original construction was W7425-ENG-55. It was completed July 1944. Two modifications were completed 15 March 1945 and 1 May 1946 by hired labor. Other modification was covered by contract W-17-028-ENG-95. An office building for administration people and Theoretical Physicists.

"F" Building, T-466, 8' x 20' is a film storage vault of heavy concrete construction with a wood frame and triple seal storm entrance. Total cost of construction was \$4,896.48. Completed May 1944 by hired labor.

"FP" Building, T-486, 40' x 110' was completed November 1, 1945. It is of timber and steel frame construction with a brick firewall separating the foundry from the pattern shop. The latter is 40' x 40' at one end of the structure. The

exterior is triple seal siding, the interior 1/4-inch transite sheeting. Total cost of construction was \$105,103.02.

"G" Building, T-435, as originally constructed 28' wide and 43' long. An addition was made 31' long and 28' wide. Total cost of construction was \$12,920.99. It was completed August 1943 by hired labor. Two modifications were covered by contracts W7425-ENG-14, 64. Used as Physics Laboratories and equipped as such.

"H" Building, T-444, was originally constructed 92' long and 20' wide. Additions to the structure include extensions 15' x 20', 12'4" x 10' and 10'6" x 10', a wing 15'6" x 53'4". Total cost of construction was \$51,874.15. It was apparently completed by hired labor February 1944. Other modifications were covered by contracts W-17-028-ENG-1, 12. Used as Radio-Chemistry Laboratories.

"HT" Building, T-482, is 30' x 200' with a 30' x 100' wing and a 15' x 65' storage shed addition. Original building was completed July 9, 1946, the beneficial occupancy was May 15. One-third of the building is a heat treat shop and is separated from the rest of the structure, which is a machine shop, by a brick firewall. Total cost of construction was \$160,973.77.

"I" Building, T-481, 30' x 60' was originally constructed by hired labor and completed June 27, 1945. It is essentially a roofed and partially enclosed storage dock for bulk chemicals, of heavy wood construction. Total cost of construction was \$8,212.03.

"J" Building, T-426, is 60' long and 50' wide. The total cost of construction was \$39,437.26. Contract covering original construction was W911-ENG-1667, and was completed in 1943. Other modifications are covered by contracts W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163 and W-17-028-ENG-74. Administration and physics laboratory building used in connection with the cyclotron in Building "X".

"K" Building, T-417, originally was a tack barn of adobe, rock and sheet iron, 31' x 32'. An addition 75'7" long and 34'8" wide was made and divided into rooms. The next addition was 50' long and 25' wide. Other additions were 14'4" x 28'10"; 12'6" x 34'8"; 12' x 15'; 18' x 28'10" and 20' x 32'4". The total cost of construction was \$31,486.65. Contracts covering original construction and modifications are W7425-ENG-55, 64, 78; W-17-028-ENG-12; and hired labor. A chemical storage building.

"L" Building, T-460, Total cost of construction was \$2,624.48. Work done by hired labor and completed 30 May 1945. A solvent storage building.

"M" Building, T-416, as originally constructed was 40' long and 42' wide. An addition 7' wide and 11'6" long was built. Total cost of construction was \$106,643.05. Contract covering original construction was W911-ENG-1667, and completed in 1943. Other modifications were covered by contracts W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163; W7425-ENG-12, 14, 64, and hired labor. This building was originally Boiler House Number 1 but was connected to a chemistry laboratory in the summer of 1944 after Boiler House Number 2 was completed.

"N" Building, T-412, is 15' wide and 18' long. It is set on a shelf below the canyon rim and can be reached by a long set of wood stairs. It is used for physics experiments requiring isolation. Total cost of construction was \$3,501.35.

"O" Building, T-445, 10' x 15' is a radium storage vault of heavy concrete construction. Total cost of construction was \$4,304.39. Completed August 1943, by hired labor.

"P" Building, T-413, was originally constructed 99' long and 30' wide. An addition (which is known as "P" Prime Building) was later built 200' long and 34' wide. An office addition 30' x 41'6" and a concrete vault 42' x 13', with a still later vault addition of 13' x 27'8" was built. The total cost of construction was \$169,276.20. Contracts covering original construction and modifications are W-17-028-ENG-1, 6, 95; W-29-005-ENG-189, W7425-ENG-60 and hired labor. Used as an Administration Building.

"Q" Building, T-439, was originally 32'6" wide and 56' long. An addition of 32'6" x 46'3" with a basement 32'3" x 46' x 9 1/2' was later built. Total cost of construction was \$92,726.59. Contract covering original construction was W911-ENG-1867 and was completed in 1943. Modifications are covered by contracts W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-183; W-17-028-ENG-12 and hired labor. Originally a metallurgy laboratory, the conversion fitted it for use by the Health Group.

"R" Building, T-458, was originally constructed 116'3" long and 65' wide. Wings 14' x 54'4" and 55' 2" x 88'9" was built with a fire wall between it and the original structure. The total cost of construction was \$91,424.58. Contracts covering original construction and modifications are W7425-ENG-64, W-17-028-ENG-12, and hired labor. It houses technical maintenance shops for plumbers, electricians, cabinet makers and glass blowers.

"S" Building, T-422, was originally constructed 80' wide and 147'6" long. The first addition was 35' x 55'; the second, 9'6" x 16'3"; and the third, 75' wide and 80' long. Total cost of construction is \$199,070.90. Contract covering original construction was W911-ENG-1867, and was completed in 1943. Other modifications were covered by contracts W7425-ENG-14, 55, 64; W-17-028-ENG-13; W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-183; and hired labor. A technical warehouse and stock building.

"T" Building, T-408, was the first building constructed in the Technical Area and was the original Theoretical Administration Building. It was originally constructed two stories high, 39'2" wide and 160' long. A concrete vault addition has been constructed 10' x 32'2". The total cost of construction was \$81,813.40. Contract covering original construction was W911-ENG-1867, completed in 1943. Other modifications were covered by contracts W7425-ENG-14; W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-183, and hired labor. It is heated with a central steam plant. It contains offices, technical library, document room, photographic laboratory and drafting rooms.

"U" Building, T-409, was a T-shaped building 298'6" long and 49' wide with a wing being 72' long and 49' wide. Four additions have been made. The first was 49'4" x 70'4"; the second, 40' wide and 50' long; the third, 39'6" x 70'4" with a second story. The fourth is 50' x 20'. The total cost of construction was \$215,011.99. Contract covering original construction was W911-ENG-1867, completed in 1943. Other modifications were covered by contracts W7425-ENG-14; W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-183; and hired labor. It is used as Physics and Chemistry Laboratories.

"V" Building, T-410, was originally constructed 120'10" long and 97' wide. Wings 14'6" x 50'; 12' x 31'; and 5' x 6'10" have since been added. An addition was the construction of a second and third story. The second story additions being 14'6" x 49'10" and 30' x 97', and divided into offices. The third story addition being 30'6" x 97' and 32'9" x 60'2" and 14'6" x 19'8", divided into a large drafting room, a file room, and a number of offices. Total cost of construction was \$125,977.01. The original contract for construction was W911-ENG-1667, completed in 1943. Modifications were covered by contracts W7425-ENG-14, 64; W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163, and hired labor. It is the Toolmaker's Machine Shop.

"W" Building, T-407, as built is 41' wide and 51' long with additions 20' x 21'4", 13'6" x 9' and 15' x 20'. Total cost of construction was \$23,322.78. Contract covering original construction was W911-ENG-1667, and apparently completed in 1943. Other modifications were covered by contracts W7425-ENG-14; W911-ENG-1882, 1956, 2042, 1713; and W-29-005-ENG-163. This building houses the Van de Graaff.

"X" Building, T-419, is 51' square with wings 13'6" x 13', 7' x 8'8" and 12'8" x 38'10" plus a passage 8' wide and 40' long leading to a control room 15' square. An addition 13' x 20' was built to house two pumps, a tank and a filter. Total cost of construction was \$53,237.46. Contract covering original construction was W911-ENG-1667, completed in 1943. Other modifications were covered by contracts W7425-ENG-14; W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163, and hired labor. This building houses the cyclotron.

"Y" Building, T-411, was originally constructed 51' square but a 30' extension has now been made. Other additions include wings 8'3" x 21', 12' x 21', and 13'2" x 18'5". Total cost of construction was \$46,296.63. Contract covering original construction was W911-ENG-1667, completed in 1943. Other modifications were covered by contracts W7425-ENG-14, 56, 56; W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163 and hired labor. This is a High Pressure Gas Laboratory.

"Z" Building, T-414, was originally constructed 41' wide and 51' long with a concrete ramp and covered walk leading to "U" Building. The total cost of construction was \$43,463.61. Contract covering original construction was W911-ENG-1667, completed 1943. Modifications were covered by contracts W7425-Eng-14; W911-ENG-1882, 1956, 2042, 1713; W-29-005-ENG-163 and hired labor. This is high voltage laboratory, housing the Cockcroft - Walton accelerator.

Gamma Building, T-454, is a two-story semi-hexagon-shaped building, 166'5 1/2" long and 48'6" wide with two wings 48'6" x 96' each. Total cost of construction was \$381,567.87. Contracts covering original construction and modifications are W-17-028-ENG-3, 4, and 12. It was completed in April 1945. It contains offices and physics laboratories.

Delta Building, T-464, is 80'10" long and 40'10" wide. Total cost of construction was \$25,082.82. Contracts covering original construction and modifications are W-17-028-ENG-3 and 6. It was completed April 1945. It is an Engineering Laboratory.

Theta Building, T-443, is an L-shaped structure 24' wide and 128' long with two wings, and 20' and one 24' wide and both 40' long. Total cost of construction was \$46,688.21. Contract covering original construction was W7425-ENG-55, completed January 1945. Two modifications were made covered by contracts W-7425-ENG-75 and

W-17-028-ENG-12. Used as a warehouse and shop for field experimentation parties.

Sigma Building, T-441, was originally constructed 186' long and 90' wide with an office wing 64' x 70' and a basement 40' x 31'. Two additions 20' x 34' and 11'6" x 35'8" plus a mezzanine 51' long and 13' wide and a generator room with 154 square feet. The original construction was covered by contract W7425-ENG-55, completed September 1944. Other modifications were covered by contracts W7425-ENG-60, 78 and W-17-028-ENG-12. Used as Metallurgy and Refractories Laboratories. Total cost of construction was \$438,197.25.

A Uranium Storage Vault, T-442, 15' x 40' was built in the fall of 1944 of heavy concrete construction with a frame and tripleseal anteroom for utilities. Total cost of construction was \$26,829.46.

Seven 20' x 100' temporary warehouses, T-451, 452, 453, 463, 473, 474 and 477 were built during 1944 and 1945 for technical storage. Total cost of construction was \$125,638.71.

The Ice House 25' x 40', T-28 was an original field store building, which was remodeled into a physics laboratory in the spring of 1945. Total cost of construction was \$8,069.35

Boiler House Number 2, the original building was completed by Sundt Construction Company on contract number W911-ENG-1667 the latter part of 1943. Other modifications were completed on contracts W911-ENG-1882, 1956, 2042, 1713, 163 and W-17-028-ENG-1. The total cost was \$255,361.20.

DATA ON SITE CONSTRUCTION

Omega Site Construction

1. 1 office and laboratory building 109' x 55' with a wing 45'-6" x 32'-10" and a basement 29'-2" x 25'-2" x 10' deep, wood construction with gypsum board siding.
2. 1 office annex building 20' x 30', wood construction.
3. 1 laboratory building 21' x 12'-8", wood construction.
4. 1 generator house, 16' x 16', concrete and stucco construction.
5. 1 underground chamber, 8' x 8', concrete construction.
6. 1 guard tower, 8' x 8', 25' high, wood construction.
7. 1 guard post, 16' x 16', prefabricated plywood hutment.
8. 1 guard quarters 16½' x 32', wood construction, stucco finish.
9. Fast Reactor Building, 60'-4-3/4" x 55', one wing 21'-5" x 21'-7½", concrete construction. Very heavily reinforced with steel.

In addition to inside utilities and facilities the following construction was necessary: 2 miles of access road, 3/4 mile high voltage overhead transmission line, 3/4 mile of 4" water line, 1 septic tank, 1 propane gas storage tank.

South Mesa Site Construction

1. 1 laboratory, 20' x 95', CCC construction. This building houses the boiler.
2. 1 laboratory extension, 32' x 92'-6" with two wings 20' x 25', wood construction.
3. 2 day magazines, one 6' x 6'; one 12' x 12', wood construction with earth barricades.
4. 1 storage building, 20' x 30', CCC construction.

5. 1 storage building, 16' x 32', 2 prefabricated plywood hutments.

6. 2 storage buildings, 16' x 16' each, plywood prefabricated hutments.

In addition to inside utilities and facilities the following construction was necessary: 1/2 mile access road, 1900' of 4" water line, 1/2 mile high voltage overhead transmission line.

Alpha Site Construction

1. 1 control building, 8'-8" x 16'-6", with one wing 11' x 14'-6", wood construction covered with earth.

2. 1 dark room and laboratory, 16' x 16', prefabricated plywood hutment.

3. 1 assembly building, 16' x 16', prefabricated plywood hutment.

4. 1 day magazine, 6' x 6', wood construction.

5. 1 day magazine, 12' x 12', wood construction.

6. 1 firing pit, 10' x 10', wood construction, with necessary conduit and firing lines.

7. 1 storage hut, 16' x 16', prefabricated plywood hutment.

In addition to inside utilities and facilities the following construction was necessary: 1/2 mile of access road and 1/2 mile high high voltage overhead transmission line.

Beta Site Construction

1. 1 control building, 12' x 12'-3", wood construction, earth covered.

2. 1 day magazine 6' x 6', wood construction.

3. 1 day magazine 12' x 12', wood construction.

4. 1 trimming building 16' x 16', prefabricated plywood hutment.

A 6' x 8' wing has been added giving a total of 304 square feet floor space.



5. 2 firing pits 10' x 10', wood construction with necessary conduits and firing lines.

In addition to inside facilities and utilities the following construction was necessary: 3/4 mile of access road and 3/4 mile of high voltage overhead transmission line.

Two Mile Mesa (Upper) Site Construction

1. 1 laboratory and office building 22' x 100' with a wing 9' x 9'-4", wood construction.
2. 1 laboratory, 20' x 50', wood construction.
3. 1 laboratory, 13' x 37', wood construction, with earth barricade.
4. 1 laboratory, 15' x 20', wood construction, with earth barricade.
5. 1 concrete basin 150' diameter.
6. 1 generator house, 7' x 10', wood construction and houses an air compressor.
7. 1 barricade, 12' x 18', wood construction, steel lined.
8. 1 boiler house, 15' x 15', wood construction. The boiler is oil fired and provides 560 square feet of radiation.
9. 2 firing magazines, 35' x 10', concrete construction.
10. 13 storage magazines, one 7'-3" x 7'-3", eleven 10' x 10', one 6' x 6', wood and concrete construction.
11. 1 storage hut, 16' x 23'-6", wood construction.
12. 1 generator house, 16' x 12'-6", wood construction.
13. 2 storage magazines, 16' x 16', prefabricated plywood hutment.
14. 1 laboratory, 12' x 15', wood construction.
15. 1 latrine, 12' x 15', wood construction.
16. 1 storage building, 16' x 48', 4 abutted prefabricated plywood hutments.



17. 1 laboratory, 16' x 32', concrete construction.
18. 1 firing magazine, 12' x 18'-8", concrete construction.
19. 1 laboratory, 16' x 32', 2 butted prefabricated plywood hutments.

In addition to inside utilities and facilities the following construction was necessary. 2 miles of road; 1-1/2 miles of overhead high voltage transmission line; 1/2 mile of 2-inch water line, 1 septic tank.

Two Mile Mesa (Lower) Site Construction

1. 2 hutments, 16' x 16' each, prefabricated plywood construction.
2. Several earth embankment firing points.

Anchor (GS) Site Construction

1. Building No. 1, 112' x 28', concrete construction covered on three sides and roof with earth. Equipment including complete laboratories, generators, compressors.
2. Building No. 1-A, 34' x 12', of similar construction and facilities as Building No. 1.
3. Building No. 1-B, 16' x 16' with a wing 9' x 12', of similar construction and facilities as Building No. 1.
4. 1 transformer house, 7'-6" x 12'-6", of wood construction.
5. 1 movable gun house, 20' x 39', wood construction.
6. 1 storage work shop, 16' x 16', prefabricated plywood construction.
7. 1 storage building, 16' x 64', 4 butted prefabricated plywood construction hutments.
8. 1 Mess Hall, 32' x 32', 4 prefabricated plywood hutments, not now utilized.
9. 1 pump house, 6' x 6', wood construction.

In addition to inside utilities and facilities, the following construction was necessary: On main road, but 1-1/2 miles of access road on

site; 600' of 6-inch water main; one septic tank.

Anchor (H.E.) Site Construction

1. 1 Casting Room, 30' x 80', wood construction, covered on roof and three sides with earth.
2. 1 Trimming Room, 19'-3" x 27'-2", wood construction.
3. 2 booster hutment buildings, 16' x 16' each, plywood construction.
4. 1 scintering hutment, 16' x 16', plywood construction.
5. 1 boiler house, 17' x 24'-6", with oil fired boiler, wood construction.
6. 1 X-Ray building, 23' x 65', with wings 7' x 7' and 10' x 23', wood construction, earth covered on top and three sides.
7. 1 cold storage house, 15' x 15', plywood construction.
8. 1 drying room, 17' x 20', wood construction.
9. 3 control shelters, two 12' x 12', and 8' x 6', all concrete construction covered on roof and three sides with earth.
10. 3 magazines, two at 6' x 6', one at 7' x 15', wood construction covered on top and three sides with earth.
11. 1 storage building, 16' x 16', prefabricated plywood construction.
12. 1 camera mount, 4' x 12', wood construction.
13. 1 control house, 12' x 12', wood construction covered on top and three sides with earth.
14. 1 firing building, No. 2, 15' x 15', all concrete construction.

In addition to inside utilities and facilities, 1800 feet of access road was constructed. Several of the old ranch buildings are being utilized as storage buildings. Water, power and sewage disposal service being used from Anchor (GS) Site.

Bayo Site Construction

1. 1 chemistry building, 45' x 36' with wings 46' x 9' and 46' x 18', wood construction.
2. 2 control buildings, 13' x 16'-9", concrete construction, earth-covered on three sides and top.
3. 1 magazine, 10' x 12', wood construction, covered on three sides and top with earth.
4. 1 decontamination pit, 2' x 2' x 5', concrete construction.
5. 1 assembly building, 12' x 25', wood construction, covered on three sides and top with earth.
6. 2 battery buildings, 6' x 12', wood construction, earth-covered on top and three sides.
7. 8 manholes, concrete construction with necessary conduit and firing lines.
8. 2 storage buildings, 16' x 20', and 16' x 16', prefabricated plywood construction.
9. 1 generator house, 3' x 5', connected to the Chemistry Building, is of wood construction.
10. 1 tractor shed 9' x 18'-9", wood construction.
11. 1 cleaning shed 6'-10" x 10'-10", wood construction.
12. 1 barracks, 15' x 20', wood construction.
13. 1 storage hut, 10' x 20', wood and plywood construction.

In addition to the inside utilities and facilities it was necessary to construct 2-1/4 miles of access road, 1 mile of overhead high voltage power line, and a septic tank.

"K" Site Construction

1. 2 laboratory buildings, 18' x 60' and 12' x 25', concrete

construction covered on three sides and top with earth.

2. 1 control building, 19' x 32'-6", concrete construction covered by earth on three sides and top.

3. 1 dark room and shop, 22' x 32', wood construction, earth-covered on three sides and top.

4. 1 assembly building, 12' x 25', wood construction.

5. 3 magazines, 10' x 10', wood construction, earth-covered on three sides and top.

6. 1 firing pit, 14' diameter, concrete construction.

7. 1 manhole, 7' x 7', concrete construction.

8. 2 storage buildings, 16' x 16' and 16' x 32', prefabricated plywood construction.

In addition to inside utilities and facilities, it was necessary to construct 1 mile of roads, 1-1/2 miles overhead high voltage power line, 1-2000 gal. water storage tank, and a septic tank.

"L" Site Construction

1. 1 hexagonal firing pit, 16' diameter, 12' deep with 5' thick steel-crib top, earth-covered.

2. 1 shelter, 8' x 8', wood construction, covered on top and three sides with earth.

3. 1 storage building, 16' x 16', prefabricated plywood construction.

4. 2 magazines, 6' x 6', wood construction.

In addition to inside facilities and utilities, one mile of road was constructed.

"P" Site Construction

1. 1 storage building, 16' x 16', prefabricated plywood construction.

[REDACTED]

2. 2 X-Ray buildings, 12' x 34', concrete construction, covered on three sides and top with earth.

3. 1 control building, 15' x 20', concrete construction with earth on three sides and top.

4. 1 shop and office building, 20' x 40', wood construction with wood barricades.

5. 1 wood barricade, 10' x 58', timber constructed with steel cover.

6. 1 assembly building, 16' x 16', prefabricated plywood construction.

7. 1 manhole, 5' x 5', concrete construction with necessary conduit and fire control equipment.

In addition to inside utilities and facilities, one mile of access road, 1 mile of overhead high voltage transmission line, a 940 gallon water tank, and a septic tank were constructed.

"Q" Site Construction

1. 3 magazines, 10' x 10', wood construction with earth cover on three sides and top.

2. 1 magazine 6' x 6', wood construction.

3. 1 enclosed firing chamber, 9' x 15' with a wing 6' x 6', concrete construction.

4. 2 trimming buildings, 12' x 25', wood construction.

5. 1 control building, 12'-8" x 17', wood construction with earth cover on three sides and top.

6. 1 open firing chamber, 13' x 18', concrete construction.

7. 1 shop building, 18' x 36'-4", wood construction.

8. 1 vibrator building 8'-4" x 14', wood construction.

9. 1 storage building, 16' x 16', prefabricated plywood construction.

In addition to inside utilities and facilities, 1800 feet of road,

[REDACTED]

2 miles of overhead high voltage transmission line, one septic tank, and a 940 gallon water tank were constructed.

"R" Site Construction

1. 1 control building, 12' x 18', wood construction, covered on three sides and top with earth.
2. 4 magazines, 6' x 6', wood construction, covered on three sides and top with earth.
3. 1 laboratory, 20' x 50', wood construction and earth covered on three sides and top.
4. 1 trimming building, 20' x 40', wood construction with timber barricade.
5. 1 firing and observation building, 11'-6" square, wood construction with earth cover on top and three sides.
6. 2 firing pits, steel and wood barricades for camera protection.
7. 1 storage building, 16' x 16', prefabricated plywood construction.

In addition to inside utilities and facilities, 1-1/2 mile of access road, 1 mile of overhead high voltage transmission line, a septic tank, and a 940 gallon water tank were constructed.

"S" Site Construction

S-1. Office and change house, 26' x 100' with wing 24'-6" x 54', heated by steam from local boiler house. (Appendix E-39). A First Aid Station, fully equipped, and staffed with one nurse is maintained in this building.

S-2. Office, 20' x 64' with three wings 8' x 10', wood construction, heated by steam as above.

S-3. Electric shop, 24' x 30', wood construction, heated by steam.

S-4. Oil storage shed 12' x 20', wood construction without heat.

S-5. Storage building 24' x 30', wood construction without heat.

S-6. Barracks 15' x 40', steam heated, wood construction.

S-7. Boiler house, 40' x 135' with a wing 20' x 10', wood construction, concrete floor, equipped with an oil fired boiler, generator set, and shop. (Appendix E-94, E-95).

S-8. Carpenter shop, 20' x 100', plus one addition 10' x 12', steam heat, wood construction.

S-9. Sheet metal and forge shop, 20' x 40', unit heaters, wood construction.

S-10. Storage warehouse, 40' x 100', steam and unit heaters, wood construction.

S-11. MP Guard House, 15' x 20', wood construction.

S-12. Change house and laundry, 28' x 141', steam heated, wood construction with concrete floor.

S-13. Mess, 30' x 216', unit heaters, hardwood and concrete floors, wood construction.

S-14. Maintenance shop, 16' x 32', prefabricated plywood construction.

S-16. Storage tank, 8' diameter x 44', 15,000 gallon, steel construction.

S-20. Laboratory, 20' x 36', steam heat, wood construction.

S-23. Unloading building, 20' x 25', steam heat, wood construction.

S-24. Casting room, 40' x 44'-8", steam heat, wood construction.

(Appendices E-90, E-91 and E-97).

S-25. Molding building, 40' x 100', with a wing 20' x 30', steam heat, wood construction with concrete floor.

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S-25-E. Equipment room, 21'-4" x 61'-4", concrete floor, steam heat, wood construction.

S-26-A. Storage building, 12' x 17'-6", no heat, wood construction.

S-26-B. Explosive laboratory, 7' x 13', (two story) 37' x 13' with a wing 8' x 10', hot air heat, wood construction.

S-26-C. Two story shop, 7' x 13', 13' x 43' with an 8' x 10' wing, hot air heat, wood construction.

S-26-D. Shop, 7' x 13', 13' x 37' plus one wing 8' x 10', hot air heat, wood construction.

S-26-E. Storage building, 12' x 17'-6", hot air heat, wood construction.

S-26-F. Storage building, 13'-6" x 15'-6", hot air heat, wood construction.

S-27. Equipment building, 21' x 76'-2", steam heat, wood construction.

(Exhibit 37-E, Book 1).

S-28. Shop and laboratory, 30'-7½" x 42'-6", steam heat, wood construction. (Appendix E-92).

S-29. Storage building, 16' x 16', no heat, prefabricated plywood construction.

S-30. Equipment and office building, 17' x 30', steam heat, wood construction.

S-31. Casting room, 40' x 85', steam heat, wood construction.

S-32. Drilling and Trimming building, 20' x 60', steam heat, wood construction.

S-33. Drilling and Trimming building, 20' x 60', steam heat, wood construction.

S-34. Office and laboratory building, 20' x 60', steam heat, wood construction.

S-35. Packing building, 20' x 60', steam heat, wood construction.

~~SECRET~~

S-36. Radium examination building, 20' x 20', steam heat wood construction.

S-41. Laboratory, 20' x 70' with one wing 20' x 30', concrete floor, steam heat, wood construction.

S-42. Casting room, 12'-8" x 50', steam heat, concrete floor, wood construction.

S-43. Packing and trimming building, 23' x 49'-8", steam heat, concrete floor, wood construction.

S-44. Office and laboratory building, 16' x 38'-10", steam heat, wood construction.

S-45. Office and laboratory, 15' x 37'-6", steam heat, concrete floor, wood construction.

S-46. Office building, 16' x 16', steam heat, prefabricated plywood construction.

S-57. Magazine, 12' x 20', no heat, lightning protection, wood construction.

S-58. Magazine, 20' x 60', no heat, lightning protection, wood construction.

S-59. Magazine, 20' x 60', no heat, lightning protection, wood construction.

S-60. Magazine, 25' x 60', no heat, lightning protection, concrete floor, wood construction.

S-61.thru S-65. 5 magazines, 15' x 18', no heat, lightning protection, concrete floor, wood construction.

S-66. Magazine, 6' x 6', no heat, lightning protection, earth barricade, wood construction, concrete floor.

S-67. Magazine, 20' x 20', no heat, lightning protection, wood construction, concrete floor. (Appendix E-93).

[REDACTED]

S-68. Magazine, 10' x 12', no heat, lightning protection, wood construction, earth barricade.

S-69. Magazine, 10' x 12', no heat, lightning protection, earth barricade, wood construction.

S-70. Magazine, 6' x 6', no heat, lightning protection, earth barricade, wood construction.

S-71. Magazine, 6' x 6', no heat, lightning protection, earth barricade, wood construction.

S-72. Magazine, 6' x 6', no heat, lightning protection, earth barricade, wood construction.

S-73. Magazine, 6' x 6', no heat, lightning protection, earth barricade, wood construction.

S-74. Magazine, 6' x 6', no heat, lightning protection, earth barricade, wood construction.

S-75. Magazine, 6' x 6', no heat, lightning protection, earth barricade, wood construction.

S-76. Magazine, 6' x 6', no heat, lightning protection, earth barricade, wood construction.

S-77. Magazine, 12' x 12', no heat, lightning protection, concrete construction.

S-78. Magazine, 12' x 14', no heat, lightning protection, wood construction.

S-79. Magazine, 20' x 25', no heat, concrete floor, wood construction.

S-80. Magazine, 12' x 15', no heat, concrete construction.

S-81. Magazine, 12' x 15', concrete construction, earth barricade.

S-82. Magazine, 12' x 15', concrete construction, earth barricade.

S-83. Magazine, 12' x 15', concrete construction, earth barricade.

S-84. Magazine, 12' x 15', concrete construction, earth barricade.

S-85. Magazine, 12' x 15', concrete construction, earth barricade.

S-90. Magazine, 10' x 10', lightning protection, earth barricade,
wood construction.

S-91. Storage building, 16' x 16', prefabricated plywood construction.

S-92. Storage building, 16' x 16', lightning protection, prefabricated
plywood construction.

S-93. Storage building, 16' x 16', lightning protection, prefabricated
plywood construction.

S-94. Storage building, 16' x 64', lightning protection, prefabricated
plywood construction.

UNNUMBERED BUILDINGS:

1. 5 Magazines, 6' x 6', lightning protection, earth barricade,
wood construction.

2. MP quarters, 20' x 60', space heaters, wood construction.

3. Storage building, 30' x 30', no heat, plywood construction.

4. Storage building, 12' x 20', no heat, plywood construction.

5. Storage building, 15' x 30', no heat, plywood construction.

6. 3 covered walkways, 7' x 132', 6'-8" x 336'-6", 6'-8" x 400',
wood construction.

In addition to inside facilities and utilities it was necessary to
construct over a mile of access roads, a mile of 6" water main, 2000 feet of
steam line, 2500 feet of high voltage transmission line with three substations,
several septic tanks, one 50,000 gallon storage tank and several sedimentation
and settling tanks.

"X" Site Construction (abandoned during Planning)

3,200 feet of access roads.

Pajarito Canyon Site Construction

1. 1 laboratory building, 22' x 113', wood construction with three sides banked with earth. A 10' x 10' addition as furnace room exists.
2. 4 Control buildings, 2 - 14' x 13', 2- 9' x 13' reinforced concrete construction.
3. 1 assembly building, 12' x 25', wood construction.
4. 3 magazines, 8' x 10', 6' x 6', 9' x 11', wood construction with earth barricade on three sides of each.
5. 3 manholes, 8' x 14', plywood construction.
6. Warehouse, 16' x 48', 3 butted prefabricated plywood hutments.
7. 3 timber and earth barricades, 9' x 24', for transformer protection.
8. Carpenter shop, 16' x 64', prefabricated plywood construction.
9. Generator house, 16' x 16', prefabricated plywood construction.
10. Barracks, 16' x 16', prefabricated plywood construction.
11. 3 MP Posts, one 6' x 8'; two 6' x 6', wood construction.
12. Lumber shed, 6' x 45', wood construction.
13. Storage shed 20' x 48', prefabricated plywood construction.
14. Guard quarters, 16' x 32', prefabricated plywood construction.
15. Double hutment, 16' x 32', prefabricated plywood construction.
16. Mess hall, 16' x 32', prefabricated plywood construction.
17. Laboratory, 26' x 40', wood and concrete construction.

In addition to inside utilities and facilities, 6 miles of access road, 6 miles of high voltage transmission line, a septic tank, and a water storage tank were constructed.

East Gate Site Construction

1. 1 laboratory building, 20' x 60' with a 10' x 13' wing, wood

construction.

2. 1 storage hutment, 16' x 16', prefabricated plywood construction.
3. MP Post, 6' x 6', wood construction.

In addition to inside utilities and facilities 1400 feet of road, and 1000 of high voltage transmission line were constructed.

D.P. Site Construction - (Appendix E-98 and E-99)

D.P.-1. Office building and change house, 30' x 130' with a wing 67' x 40', wood construction with gypsum board siding.

D.P.-2. Laboratory, 203' x 40'-10", Butler type construction, prefabricated structural steel frame with sheet metal sheathing. The interior of the structure is lined with sheetrock and transite, a concrete floor and a brick battery room 15' x 5' x 8' has been added.

D.P.-3. Laboratory, 203' x 40'-10" with an annex 68' x 15'-6" and a battery room 15' x 5' x 8', Butler type construction modified as above. Both additions are brick construction.

D.P.-4. Laboratory, 203' x 40'-10" with brick battery room 15' x 5' x 8' added, Butler type construction as in D.P.-2.

D.P.-5. Laboratory, 203' x 40'-10" with brick battery room 15' x 5' x 8' added, Butler type construction as in D.P.-4.

D.P.-6. Machine shop and storage building, 60' x 60', wood floor, except equipment room which is concrete. Loading dock at south end, wood construction with sheetrock sheathing.

D.P.-7. Storage building, 100'-5" x 20', CCC type construction.

D.P.-8. Storage building, 100'-5" x 20', CCC type construction.

D.F.-8½. Storage building, 100'-5" x 20', CCC type construction.

D.P.-9. Boiler house, power plant, and emergency electrical system, 110'-2" x 40'-2" with a wing 32'-8" x 16', 6 oil fired boilers installed,

2 blow down pits south of structure, concrete foundations and floor, wood construction with sheetrock sheathing.

D.P.-10. Calcium storage house, 16' x 16', concrete foundations and floor, equipped with exhaust fan and drying system, wood construction with sheetrock sheathing.

D.P.-11. Ether storage house, 11' x 11', concrete foundation and floor, equipped with exhaust fan, wood construction with sheetrock sheathing.

D.P.-12. Fan house, 64'-4" x 97'-9", with partial 2nd story, first story is brick construction with interior plaster, second story is wood construction.

D.P.-13. Storage building, 16' x 16', with a 6' x 16' loading dock on the east side, wood construction.

D.P.-20. Laundry, 42' x 164' with wing 21'-4" x 28'-6", concrete foundation and floor, mechanical installations, wood construction sheathed with gypsum board.

D.P.-21. Concrete storage vault, 28' x 54', plus a vault addition 13' x 27'-8".

D.P.-51. Office building and change house, 34' x 112', with a wing 71' x 32', frame construction, a 112' wood platform on one side.

D.P.-52. Process building, 241'-11" x 40'-10" with a wing 37'-4" x 31'-9½", Butler type construction as in D.P.-2, the addition being brick and steel construction with a concrete floor.

D.P.-52A.. Process building, 21' x 31', two story, completely equipped, first story being brick and the second story wood construction.

D.P.-52B. Process building identical to 52A but an air-conditioning system has been installed.

D.P.-53. Process building, 47'-9" x 46'-4", with a wing 18' x 54'-2", two stories, concrete foundations and floor, 1st story brick and plaster

construction, 2nd story wood and transite.

UNNUMBERED STRUCTURES:

1. 1 fuel storage and pump house, 8' x 8', wood construction.
2. 1 propane storage shed, 8' x 7', wood construction.
3. 1 evaporative equipment building, 13' x 11', with a full basement, wood construction.
4. 1 fuel tank site shed, 40' x 15', contains tank regulator and controls, wood construction.
5. 2 fuel tanks, 50,000 gal., underground steel tanks.
6. Covered walkways between buildings 1-2-3-4-5-6, 51 & 52, 542' x 8'-6", 122.7' has wood floor, 419.3' has concrete floor.
7. Water supply equipment shed, 12' x 16', wood construction provides control equipment to furnish emergency supply to buildings 51, 52, 52A, 52B, and 53 from two 28,500 gal. steel tanks.
8. 5 Guard towers, 7' x 7' x 30' high, timber construction.
9. MP Post, 8' x 8', wood construction.
10. Paint shop, 24' x 43', wood construction.

Sandia Site Construction

1. 1 laboratory, 36' x 20', wood construction with timber barricade.
2. 1 Control building, 10' x 20', wood construction with earth barricade on three sides.
3. 1 gun mount foundation, 10' x 10', concrete construction.
4. 1 earth fill bin, 30' x 20', timber construction.
5. 1 hutment, 16' x 16', plywood construction with timber barricade.
6. 1 portable magazine, 6' x 6', wood construction.
7. 1 20 mm. gun installation, 2-16' x 16', prefabricated plywood

construction.

8. 2 firing points with necessary conduits and firing lines.

9. 1 magazine, 9' x 11', wood construction covered with earth on top and three sides.

10. 1 storage building, 16' x 32', prefabricated plywood construction.

11. 1 laboratory building, 16' x 16', prefabricated plywood construction.

In addition to inside facilities and utilities, 2½ miles of road and 1½ miles of high voltage transmission lines were constructed.

"T" Site Construction

1. Laboratory building, 16' x 37', a wing 15' x 115', wood construction with earth barricade on three sides.

2. 2 day magazines, 6' x 6', wood construction with earth cover.

3. 1 shop building, 16' x 16', prefabricated plywood construction.

4. Steam Plant, 16' x 16', equipped with an oil fired steam boiler, prefabricated plywood construction.

5. 2 storage buildings, 16' x 40' and 16' x 16', prefabricated plywood construction.

In addition to inside utilities and facilities, 800 lineal feet of access road, 1,000 feet of high voltage transmission line, 900 feet of 2-inch water line, and a septic tank were constructed.

"V" Site Construction

1. 1 triangular work shop, 19' x 30' x 37', wood construction with earth cover on three sides and top.

2. 1 shop building, 32' x 21', wood construction with timber and earth barricade.

3. 1 laboratory and shop, 25' x 120', a wing 10' x 16', wood construction with earth barricade on three sides.

4. 1 pit, 4' x 11' x 16', concrete construction.

5. 1 pit, 4' x 8' x 14', timber construction.

6. 1 storage building, 20' x 32', wood construction.

In addition to inside utilities, and facilities, 700 lineal feet of road, 1000 feet of 2-inch water line, 800 feet of high voltage transmission line, and a septic tank have been constructed.

NU Site Construction

1. Camera building, 12'-6" x 14', concrete construction.

2. Trimming building, 16' x 16', prefabricated plywood construction.

3. 2 Magazines, 6' x 6', wood construction.

TD Site Construction

1. Work shop No. 1, 40' x 100', one wing 8' x 11', Butler type corrugated metal construction.

2. Work shop No. 2, 40' x 100', Butler type corrugated metal construction.

3. 3 Magazines, 30' x 70', two 6' x 6', frame construction.

4. Storage building No. 4, 30' x 70', frame construction.

5. Storage building, 21' x 22', constructed from an original ranch house.

6. Barricade, 300' x 6' x 20' high, timber construction with earth fill.

Gomez Site Construction

Gomez is another name for Two Mile Mesa (Lower), described on page 4 above.

"D" Site Construction

1. Concrete vault, 29' x 41'.
2. Standard guard tower.

Gamma Site Construction.

1. 3 firing points (two of concrete; one of earth)
2. Control building with underground battery room. This site is considered a part of Pajarito Canyon Site.

Magazine Area "A" Construction

This is a group of five magazines (S-61 through S-65) on "S" Site, described on pages 9 - 14 above.

Magazine Area "B" Construction

This is a part of "S" Site. It includes two wood magazines 12' x 20', with lightning protection and earth barricades. These are not listed under the "S" Site description.

Electronic Test Area Construction

This Site had one 16' x 16' frame building, which was demolished.

East Gate Receiving Yard

This was set up as a Technical Area purely for security reasons. It was an unloading station for the Navajo Freight Line, so that the trucks of that Line would not enter the Project. Construction consisted of one receiving dock on pilings.

~~SECRET~~

~~SECRET~~
C O P Y

EIDM AF

17 December 1943

Subject: Reduction in Rental Rates.

MEMORANDUM to Post Engineer.

Effective 1 January 1944 a flat reduction of 15% will be applied to the applicable rental rates now charged Government and Contractor's employees for the new one-bedroom efficiency apartments.

For the Commanding Officers:

/s/ N. E. Davis
N.E.DAVIS,
Captain, Corps of Engineers
Adjutant

cc: Fiscal Section (2)
Personnel Section (2)
Town Council
J. A. D. Muncy, Tech. Area
A. L. Hughes, Tech. Area
Mrs. Vera Williams, Tech Area

~~SECRET~~

D-17

[REDACTED]
C O P Y

131. EIDM CO

7 January 1944

SUBJECT: Rent Reduction for Improvised Quarters

TO: The District Engineer, Manhattan District, P.C.Box 1111,
Knoxville, 7, Tennessee

1. Some time ago your office authorized a rent reduction for efficiency 1-bedroom apartments amounting to 15% of the rental.

2. We are now engaged in construction of a camp consisting of winterized hutments converted into apartments of various sizes for the maintenance personnel on the Post and are also converting old buildings, such as the former blacksmith shop, tire repair shop, warehouse, etc, into apartment buildings for maintenance and construction personnel employed by the Post Engineer. Since these quarters are not on the same level with the new apartments constructed at this post, it is requested that permission be granted to reduce the rents in instances where in the opinion of the undersigned quarters assigned an individual are below the standard of quarters assigned to other personnel with the same size families. For the purposes of uniformity, it is recommended that this reduction be 15%, in line with the previously authorized reduction described above.

/s/ Whitney Ashbridge
WHITNEY ASHERIDGE
Lt.Col., Corps of Engineers
Commanding

[REDACTED]
D-18

~~SECRET~~

USEO CLINTON TENN 290 CLG

FROM NICHOLS USEO CLINTON FEB 182253Z

TO THE COMMANDING OFFICER U S ENGR OFFICE SANTA FE NEW MEXICO

REFEL SIXTEENTH EIDM AA REFERENCE ST 1997 YOU ARE TURHO///

AUTHORIZED TO DEVIATE FROM ORDERS B AND REDUCE BY FIFTEEN PERCENT

RENTAL RATES FOR IMPROVISED QUARTERS DESCRIBED IN PARAGRAPH TWO

YOUR LETTER JANUARY SEVEN.

REF EIDMV-2-747 /MARSDEN/.

2253Z

~~SECRET~~

~~SECRET~~
C O P Y

WAR DEPARTMENT
United States Engineer Office
Manhattan District
P. O. Box 42
Station F
New York, N. Y.

P. O. Box 1539
Santa Fe, N.M.
Feb. 10, 1943.

Subject: Establishment of rates for quarters for the operating contractors' employees on the Zia Project.

To : The District Engineer, U. S. Engineer Office
Manhattan District, New York, N. Y.

1. It is requested that authority be obtained for the establishment of rates for the use of Government quarters by operating contractors' employees at the site. In view of the fact that these contractors' employees are going to be working and living in close proximity with the Government employees, and because they are occupying the same type of quarters, and because they must of necessity live on the post, it is recommended that the rates authorized for Government employees in Orders B of the War Department, dated January 15, 1943, be also applied to the contractors' employees.

2. The main reasons for recommending the same rates for contractors' employees as for Government employees are twofold; it is a simple method of handling the situation and it will forestall any possible trouble in case different rates were established for each group.

3. It is further requested that authority be obtained to charge the rate of \$1.00 per lodging per night for authorized guests, other than Government and contractors' project employees.

4. In view of my attempt to utilize the services of the wives or children of Government employees on the post so as to keep the population at a minimum, it is also requested that authority be obtained to waive the charging of quarters to an employee when one employee living in the same quarters is already having the value of quarters deducted from his salary. It does not appear proper to charge the wife of a contractor's employee for quarters while living in the domicile of her husband and it would be unfair and would cause dissension to charge a Government employee's wife for quarters occupied with her husband.

/s/ J. M. Harman
E. M. HARMAN
Lt Col, Corps of Engineers

~~SECRET~~

Subject: Establishment of rates for quarters for the operating contractors' employees on the Zia Project.

D4-6/2

1st Ind.

A-42

U.S.Engineer Office, Manhattan District, New York, N.Y. February 23, 1943: T&L The Project Engineer, U.S.Engineer Office, P.O.Box 1539, Santa Fe, New Mexico.

Authority granted.

/s/ J. C. Marshall

**J. C. MARSHALL
Colonel, Corps of Engineers
District Engineer**

~~SECRET~~

SECRET
C O P Y

**Subject: Rental Rates for Government-Owned Quarters Furnished
Technical Area Personnel.**

131 (Rental Rates) EIDM AF

2nd Ind.

**U.S. Engineer Office, P.O.Box 1539, Santa Fe, N. M. 23 February 1945
To: The District Engineer, Manhattan District, Oak Ridge, Tenn.**

**1. Copy of letter of the contractor's personnel director dated
20 February 1945 is inclosed. This letter outlines the quarters rental
problem more clearly than the letter of 7 January 1944 and its inclos-
ures mentioned in basic letter.**

2. Decision is requested.

For the Commanding Officers:

**/s/ S. A. Musser
S. A. MUSSER
Captain, Corps of Engineers
Assistant Adjutant**

Incl:

Ltr dated 2/20/45, in dup.

SECRET

~~SECRET~~
C O P Y

Subject: Rental Rates for Government-Owned Quarters Furnished
Technical Area Personnel.

Man.248.6 (Santa Fe) EIDMV-4 3rd Ind.

U.S.Engineer Office, Manhattan District, Oak Ridge, Tennessee,
3 March 1945. To: The Commanding Officer, U.S.Engineer Office,
Santa Fe, New Mexico.

1. The calculation of a 40 hour per week base salary for employees of the Technical Area for the purpose of determining the charge for government furnished quarters meets with the approval of this office and is considered to be within the authority of the Commanding Officer.

2. It is suggested that the rates established for quarters be determined in such a manner to insure that Technical Area and government civilian employees receiving equal or near equal gross pay for a 48 hour work week are charged the same amount for quarters. This can be accomplished by calculating 40-hour base pay of 48-hour-per-week employees by dividing 48-hour pay of \$3528.00 per annum or less by the factor 1.216 and by deducting \$628.32 from 48-hour pay of more than \$3528.00 per annum.

3. Such change in rates should not be retroactive.

For the District Engineer:

/s/ E. H. Marsden
E. H. MARSDEN
Colonel, Corps of Engineers,
Executive Officer

Incl:
w/d

~~TOP SECRET~~

February 20, 1945

TO: Col. G. R. Tyler
FROM: G. D. Shane
SUBJECT: Apartment Rentals

Following our conversation of February 17, I am submitting the following statement with reference to Apartment rentals charged to employees of the technical area.

The rentals are based on the ruling of the office of the Secretary of War embodied in War Department Civilian Personnel Regulations, Regulation #125, dated 6 May 1944. Rentals are on a step scale and are based on the monthly salaries of the tenant. It is specifically stated that where the normal work week is 40 hours, rents are not affected by any overtime which may have been earned by the employee.

Civilian employees of the post are on civil service on which the normal work week is 40 hours, but they universally work 48 hours and are paid accordingly. Nevertheless, under the orders of the Secretary of War, they pay rent on the basis of the 40 hour salary.

Nearly all employees of the tech area also work 48 hours per week but they are not on civil service and a 40 hour per week salary is not specified with additional compensation for overtime. It has been customary therefore from the start of the project to charge tech area employees rents based on their full monthly salaries even though in many cases these have been arrived at by determining what the employee would have made on a 40 hour basis and making a correspondingly upward adjustment.

This has been a matter of irritation. A post employee whose normal salary for 40 hours per week is \$300.00 per month, may receive for a 48 hour week a salary of \$352.00. He pays an apartment rental of \$34.00 per month. A corresponding tech area employee working a 48 hour week and likewise receiving \$352.00 pays an apartment rent of \$42.00.

~~TOP SECRET~~

D-21

COPY

-2-

Recently the situation has become intensified due to the fact that at the urging of the area engineer and others connected with the wage and salary rates, we have placed the machinists on an hourly basis. The rentals must therefore be based on a 40-hour week. On the other hand, in order to avoid the payment of excessive overtime our shop and departmental superintendents are paid on the monthly rate and rentals have therefore not been reduced as have those of the men under them.

Except for the close association of these men with the machinists on an hourly basis, there is no difference between their situation and that of others employed in the technical area; so that if an exception were to be made in their case, similar concessions would have to be accorded others. There is much dissatisfaction over this inequitable situation and I feel that we are going to have a large amount of trouble to the detriment of the project unless something is done to cure it.

I propose that equivalent forty hour per week salaries for employees of the technical area be calculated on the basis of the civil service schedule and that these figures be used to determine rentals. I realize that there is no authority on the post or probably in the District that can accomplish this but that the authority must come from the Secretary of War. I therefore recommend that the Secretary of War's office be asked to set the rentals for this project on the basis described above.

/s/ C. D. Shane
/t/ C. D. Shane

CDS/vsm
cc - A. W. Kelly

~~TOP SECRET~~
C O P Y

WIDM AA

10 March 1945

SUBJECT: Rental Rates for Family Quarters

TO: J. R. Oppenheimer
(Attention: C. D. Shane)

1. Higher authority has approved request of this office to place the rental rates of Technical Area employees on the same basis as Civil Service employees.

2. It is therefore requested that this office be furnished a list of the actual monthly salaries and basic hourly wages of all of your employees occupying family quarters, and this office will recompute the rental rates to be charged, using the following formulae:

Regular monthly salary x 12 = annual salary on 48-hour week basis.

If annual salary = \$3528.00 or less:

$\frac{\text{Annual salary}}{1.216}$ = annual salary on 40-hour week basis.

If annual salary = more than \$3528.00:

Annual salary minus \$628.32 = annual salary on 40-hour week basis.

Annual salary of employees paid on hourly basis:

Basic hourly salary x 8 x 261 = annual salary on 40-hour week basis.

3. Civilian Personnel Regulations and regulations promulgated by the General Accounting Office are available in this office and are the regulations upon which the above formulae are based. Major Davis should be contacted regarding any question you might have on this procedure, and he will be glad to clarify it for you.

4. The rental rates as recomputed will be effective beginning with the month of March.

G. R. TYLER,
Colonel, Corps of Engineers,
Commanding.

cc: Capt Nusser
M/Sgt. Scharing

~~TOP SECRET~~

D-22



ARMY SERVICE FORCES
UNITED STATES ENGINEER OFFICE
P. O. BOX 1539
SANTA FE, NEW MEXICO

331.4
✓ 12.16
D. 4700



IN REPLY REFER TO EIDM EF-4

AUG 22 1946

SUBJECT: Mess Operations - Site Y

TO: The Commanding General
Manhattan Project
P. O. Box 2610
Washington 25, D. C.

1. Audit Reports for the period 1 January 1946 to 30 June 1946 disclose an operating loss at Fuller Lodge, East Cafeteria, and North Mess of approximately \$77,970.51. Actual figures for two quarters at the North Mess and one quarter at East Cafeteria and Fuller Lodge are \$62,970.51. Based on past experience, Fuller Lodge and East Cafeteria will lose approximately \$15,000.00 for the second quarter.

2. An analysis of the operating losses of these messes indicate that the following facts have contributed to the net operating loss:

- a. Sale of Meal Tickets at North Mess for \$22.50 per month and \$50.00 per month at Fuller Lodge has resulted in substantial losses per meal each month. In this connection it is not mandatory that meal tickets be furnished civilian employees for subsistence at Government operated messes when adequate Post Restaurant facilities are available as outlined in Civilian Personnel Regulation No. 125.
- b. Also the high overhead cost of operation of these messes is occasioned by the fact that only a 40 hour tour of duty is established for employees, resulting in the necessity of having two or more shifts to efficiently operate these messes.

3. Operation of eating establishments at this project is a necessity, and it was mandatory during the period of greatest manpower shortage to subsidize mess halls and resort to other means of making employment at this remote project attractive. However, this project's peak manpower shortage has been passed, and it is believed that employment problems no longer constitute justification for mess hall subsidization, particularly North Mess.



(Subject: Mess Operations - Site Y)

4. Approval has been granted the Engineer Exchange to increase price of meals in order to meet increased food costs, however, no increase has been made in the price of meals served in the above messes.

5. If action is approved to correct the discrepancies listed above the proposed procedure will be as follows:

- a. Increase the price of meals served.
- b. Discontinue sale of \$22.50 meal tickets at North Mess and \$50.00 meal tickets at Fuller Lodge.
- c. Place messes on a concession basis.

6. It is requested that opinion be furnished whether or not subsidization of mess halls should be continued and/or whether corrective action as per above, should be withheld until the Civilian Commission has taken the matter under advisement.



L. E. SEEMAN
Colonel, C. E.
Commanding

5 Encls:

- Cost Stmt Mess Oper.
- North Mess, Jan. Feb. Mar.
- Apr. May and June
- Cost Stmt Mess Oper.
- Fuller Lodge, Jan. Feb. Mar.
- Cost Stmt Mess Oper.
- West Caf. Jan. Feb. Mar.
- Recap of Net Oper Losses from
- Mess Oper (W. Caf. - N. Mess -
- Fuller Lodge) for str ending 31 Mar.
- Summary of Net Oper Losses W. Mess
- for str ending 30 June

Subject: Mess Operations--Site Y [redacted]
1st Ind.

45
11550

Manhattan Project, P. O. Box 2610, Washington, D. C., 27 August 1946.

To: Commanding Officer, U. S. Engineer Office, P. O. Box 1539, Santa Fe,
New Mexico.

You are authorized to take any steps which, in your opinion, will improve the financial condition from the standpoint of the Government and will not be detrimental to the overall efficiency of the project.



L. R. GROVES
Major General, USA

Incls. n/c

MS # 11550
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[redacted]

Army Service Forces
United States Engineer Office
P.O. Box 1539
Santa Fe, New Mexico

COST STATEMENT OF MESS OPERATIONS - NORTH MESS
MONTH OF JANUARY 1946

Beginning Inventory of Food Supplies -			
1 January 1946 (at cost)	\$	1,726.53	
Add: Food Supplies received from			
Post Commissary during month (at cost)	9,455.06	\$11,181.59	
Deduct: Ending Inventory of Food			
Supplies - 31 January 1946 (at cost)		<u>2,246.55</u>	
Cost of Food Supplies consumed during			
month of January 1946			\$ 8,935.04
Civilian Employees Payrolls (50 at			
beginning of month; 55 at end of month)			
(a)			
Piece & Hourly Payroll ending 5 January	\$	21.57	
(\$0.40 x 5/14)			
Per Annum Payroll ending 12 January		2,348.09	
(\$2,739.44 x 12/14)			
Per Annum Payroll ending 26 January		2,988.69	
Per Annum Payroll ending 9 February			
(\$3,402.77 x 5/14)		<u>1,215.28</u>	
Total Payroll - January 1946			\$ 6,573.63
Material (Per cost voucher #13-28)(a)		173.94	
Fuel Oil (Per cost voucher #13-31)(a)		237.18	
Coal (Per cost voucher #12-107)(a)		114.16	
Cost of items worn out, destroyed, or			
damaged (Arbitrary figure by North Mess)		<u>150.00</u>	
Total Overhead Cost - January 1946			<u>7,248.91</u>
Total Operating Cost - January 1946 (b)			\$ 16,183.95
Daily Cash Sales of Meal - 1359 (169 1/2 at \$.40;			
898 1/2 at \$.50; 291 at \$.65) (c)	\$	706.20	
Income from Payroll Deductions at \$22.50			
per month (d)		4,676.50	
Income from Billing of PX Employees at			
\$22.50 per month (d)		36.50	
Income from Billing of McKee Employees at			
\$25.00 per month (d)		1,960.12	
Income from Cash Sales of meal tickets		3,164.25	
Income from Payroll Deductions made for which			
there is no record of ticket issued			
(Per Schedule II)		95.25	
Income from Billing of McKee Employees for			
January - Collection made in February			
(Per Schedule III)		<u>81.46</u>	\$ 10,720.28
Less: Adjustment between messes (Holders			
of North Mess Tickets who ate at West			
Mess (e)			<u>420.25</u>
Total Income - January 1946			<u>10,300.03</u>

Add: Food Supplies received from Post Commissary during month (at cost)	<u>9,455.06</u>	\$11,181.59
Deduct: Ending Inventory of Food Supplies - 31 January 1946 (at cost)	<u>2,246.55</u>	
Cost of Food Supplies consumed during month of January 1946		\$ 8,935.04
Civilian Employees Payrolls (50 at beginning of month; 55 at end of month) (a)		
Police & Hourly Payroll ending 5 January (\$0.40 x 5/14)	\$ 21.97	
Per Annum Payroll ending 12 January (\$2,739.44 x 12/14)	2,348.09	
Per Annum Payroll ending 26 January	2,988.69	
Per Annum Payroll ending 9 February (\$3,402.77 x 5/14)	<u>1,215.28</u>	
Total Payroll - January 1946		\$ 6,573.63
Material (Per cost voucher #13-28(a))		173.94
Fuel Oil (Per cost voucher #13-31)(a)		237.18
Coal (Per cost voucher #12-107)(a)		114.16
Cost of items worn out, destroyed, or damaged (Arbitrary figure by North Mess)		<u>150.00</u>
Total Overhead Cost - January 1946		<u>7,248.91</u>
Total Operating Cost - January 1946 (b)		\$ 16,183.95

Daily Cash Sales of Meal - 1359 (169 1/2 at \$.40; 898 1/2 at \$.50; 291 at \$.65) (c)	\$ 706.20	
Income from Payroll Deductions at \$22.50 per month (d)	4,676.50	
Income from Billing of PX Employees at \$22.50 per month (d)	36.50	
Income from Billing of McKee Employees at \$25.00 per month (d)	1,960.12	
Income from Cash Sales of meal tickets	3,164.25	
Income from Payroll Deductions made for which there is no record of ticket issued (Per Schedule II)	95.25	
Income from Billing of McKee Employees for January - Collection made in February (Per Schedule III)	<u>81.46</u>	\$ 10,720.28
Less: Adjustment between messes (Holders of North Mess Tickets who ate at West Mess (e))	<u>420.25</u>	
Total Income - January 1946		<u>10,300.03</u>
Gross Operating Profit		\$ 5,083.92
Add: Losses on Cash Sales (Per Schedule IV)	\$ 75.25	
Losses on Payroll Deductions (Per Schedule I)	<u>17.75</u>	
Total Losses on Sales and Payroll Deductions		<u>93.00</u>
Net Operating Loss		<u>\$ 5,176.92</u>

(Continued on next page)

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COSE STATEMENT OF MEAL OPERATIONS - FIVE MESE
MONTH OF JANUARY 1946
(continued)

Total Number of meals served	<u>20000</u>
Food Cost per Meal - January 1946	<u>\$.31907</u>
Overhead Cost per Meal - January 1946	<u>\$.25886</u>
Total Operating Cost per Meal - January 1946	<u>\$.57794</u>
	<u>\$.21012</u>
Average Net Loss per meal	<u>\$.21962</u>

- (a) Taken from Cost Vouchers on file in Cost Accounting Section
 - (b) 7 Enlisted men on duty at beginning of month and 3 enlisted men on duty at end of month are not included in this cost. Also does not include cost of water, electricity or depreciation as distribution is not made to Cost Accounts.
 - (c) From Daily Reports turned in to Collections Unit.
 - (d) From "Record of Meal Tickets Issued" and a check of each individual account.
 - (e) From files of Collection Unit.
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Army Service Forces
United States Engineer Office
P.O. Box 1539
Santa Fe, New Mexico

COST STATEMENT OF MESS OPERATIONS - NORTH MESS
MONTH OF FEBRUARY 1946

Beginning Inventory of Food Supplies - 1 February 1946 (at cost)	\$ 2,246.55	
Add: Food Supplies received from Post Commissary during month (at cost)	<u>9,793.81</u>	\$ 12,040.36
Deduct: Ending Inventory of Food Supplies-28 February 1946 (at cost)(a)		<u>-0-</u>
Cost of Food Supplies consumed during month		\$ 12,040.36
Civilian Employees Payrolls (b)		
Per Annum Payrolls ending 9 February (#3,402.77 x 9/14)	\$ 2,187.50	
Per Annum Payrolls ending 23 February	4,238.21	
Per Annum Payrolls ending 9 March (\$4,511.74 x 5/14)	<u>1,611.34</u>	
Total Payrolls for February 1946	\$ 8,037.05	
Material (Per cost voucher #13-104) (b)		178.62
Fuel Oil (Per cost voucher #13-39) (b)		143.22
Wood (Per cost voucher #13-40) (b)		4.50
Coal (Per cost voucher #13-95) (b)		84.38
Cost of items worn out, damaged, or destroyed (arbitrary figure by North Mess)		<u>100.00</u>
Total Overhead Cost for February 1946		<u>8,547.77</u>
Total Operating Cost for February 1946 (c)		\$ 20,588.13
Daily Cash Sales of Meals - 1218 1/2 (130 at \$.40; 916 1/2 at \$.50; 172 at \$.65) (c)	\$ 622.06	
Income from Cash Sales of meal tickets at \$22.50 per month (d)		2,129.00
Income from Payroll Deductions of Post Employees at \$22.50 per month (d)		4,436.75
Income from Billings to McKee Employees at \$25.00 per month (d)		5,818.41
Income from Billings to PI Employees at \$22.50 per month (d)		32.00
Income from Billings of McKee Employees for which there is no record of ticket issued (Per Schedule III)		17.72
Income from Payroll Deductions for which there is no record of ticket		17.72
Less: Adjustments by Ticket holders		
Total Income - Food		
Gross Operating		
Add: Losses		
Loss		
Loss		

Post Commissary during month (at cost)	<u>9,455.06</u>	\$11,181.59
Deduct: Ending Inventory of Food Supplies - 31 January 1946 (at cost)		<u>2,246.55</u>
Cost of Food Supplies consumed during month of January 1946		\$ 8,935.04
Civilian Employees Payrolls (50 at beginning of month; 55 at end of month) (a)		
Base & Hourly Payroll ending 5 January (\$0.40 x 5/14)	\$ 21.97	
Per Annum Payroll ending 12 January (\$2,739.44 x 12/14)	2,348.09	
Per Annum Payroll ending 26 January	2,988.69	
Per Annum Payroll ending 9 February (\$3,402.77 x 5/14)	<u>1,215.28</u>	
Total Payroll - January 1946		\$ 6,579.69
Material (Per cost voucher #13-28(a))		173.94
Fuel Oil (Per cost voucher #13-31)(a)		237.18
Coal (Per cost voucher #12-107)(a)		114.16
Cost of items worn out, destroyed, or damaged (Arbitrary figure by North Mess)		<u>150.00</u>
Total Overhead Cost - January 1946		<u>7,248.91</u>
Total Operating Cost - January 1946 (b)		\$ 16,183.95

Daily Cash Sales of Meal - 1359 (169 1/2 at \$.40; 898 1/2 at \$.50; 291 at \$.65) (c)	\$ 706.20	
Income from Payroll Deductions at \$22.50 per month (d)	4,676.50	
Income from Billing of PX Employees at \$22.50 per month (d)	36.50	
Income from Billing of McKee Employees at \$25.00 per month (d)	1,960.12	
Income from Cash Sales of meal tickets	3,164.25	
Income from Payroll Deductions made for which there is no record of ticket issued (Per Schedule II)	95.25	
Income from Billing of McKee Employees for January - Collection made in February (Per Schedule III)	<u>81.46</u>	\$ 10,720.28
Less: Adjustment between messes (Holders of North Mess Tickets who ate at West Mess) (e)		<u>420.25</u>
Total Income - January 1946		<u>10,300.03</u>
Gross Operating Loss		\$ 5,883.92
Add: Losses on Cash Sales (Per Schedule IV)	\$ 75.25	
Losses on Payroll Deductions (Per Schedule I)	<u>1,177.75</u>	
Total Losses on Sales and Payroll Deductions		<u>1,253.00</u>
Net Operating Loss		<u>\$ 7,136.92</u>

(Continued on next page)

COST STATEMENT OF MEAL OPERATIONS - NORTH HERS
NORTH OF FEBRUARY 1946
(continued)

Footnotes:

- (a) No inventory was taken as of 28 February so assumption was made that all supplies were used.
- (b) Taken from Cost Vouchers on file in Cost Accounting Section.
- (c) Taken from Daily Turn Ins to Collection Unit.
- (d) Taken from "Record of Meal Tickets Issued" and a check of each individual account.
- (e) Enlisted Personnel on duty are not included in this cost. Also does not include cost of water, electricity or depreciation as distribution is not made to Cost Accounts.

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Army Service Forces
United States Engineer Office
P. O. Box 1539
Santa Fe, New Mexico

COST STATEMENT OF MESS OPERATIONS - NORTH MESS
MONTH OF MARCH 1946

Beginning Inventory of Food Supplies - 1 March 1946 (at cost) (a)	-0-		
Add: Food Supplies received from Post Commissary during month (at cost)	\$ 8,735.67	\$ 8,735.67	
Deduct: Ending Inventory of Food Supplies - 31 March 1946 (at cost)		<u>1,539.50</u>	
Cost of Food Supplies consumed during month of March			\$ 7,196.17
Civilian Employees Payrolls (72 at beginning of month; 65 at end) (b)			
Per Annum Payroll ending 9 March (\$4,511.75 x 1/14)	\$ 2,900.40		
Per Annum Payroll ending 23 March	4,254.26		
Per Annum Payroll ending 6 April (\$4,123.72 x 8/14)	<u>2,355.84</u>		
Total Payroll for Month		\$ 9,510.50	
Coal (Per cost voucher #14-152)(b)		92.61	
Wood (Per cost voucher #14-153)(b)		2.25	
Material (Per cost voucher #14-156)(b)		135.69	
Oil (Per cost voucher #14-157)(b)		207.87	
Cost of items worn out, damaged, or destroyed (arbitrary figure by North Mess)		<u>100.00</u>	
Total Overhead Cost for March			<u>10,048.92</u>
Total Operating Cost for March (c)			\$ 17,245.09
Cash Sales of Meals - 1420 (232 1/2 at \$.40; 889 at \$.50; 298 1/2 at \$.65) (d)		\$ 732.03	
Income from Cash Sales of meal tickets to Post and Tech Employees at \$22.50 per month (d)		1,684.65	
Income from Cash Sales of meal tickets to McKee Employees at \$25.00 per month (d)		1,262.75	
Income from Billings to PX and Special Accounts Employees at \$22.50 per month (e)		41.25	
Income from Payroll Deductions of Post Employees at \$22.50 per month (e)		3,973.25	
Income from Payroll Deductions for which there is no record of ticket issued (Per Schedule II)		<u>93.75</u>	\$ 7,787.68
Loss: Adjustment to West Mess for meals served to holders of North Mess Tickets (f)			<u>80.75</u>
Total Income for March 1946			<u>7,706.93</u>
Gross Operating Loss			\$ 9,538.16
Add: Losses on Payroll Deductions (Per Schedule I)		\$ 247.50	
Losses on Billings to Special Accounts (Per Schedule II)		18.75	
Losses on Sale of Meal tickets for Cash (Per Schedule III)		217.33	
Loss on Unauthorized Refunds (Per Schedule IV)		<u>13.50</u>	<u>497.08</u>
Net Operating Loss			<u>\$ 10,035.24</u>

1 March 1946 (at cost) (a)		
Add: Food Supplies received from Post Commissary during month (at cost)	\$ 8,735.67	\$ 8,735.67
Deduct: Ending Inventory of Food Supplies - 31 March 1946 (at cost)		<u>1,539.50</u>
Cost of Food Supplies consumed during month of March		\$ 7,196.17
Civilian Employees Payrolls (72 at beginning of month; 65 at end) (b)		
Per Annum Payroll ending 9 March (\$4,511.75 x 1/14)	\$ 2,900.40	
Per Annum Payroll ending 23 March	4,254.26	
Per Annum Payroll ending 6 April (\$4,123.72 x 8/14)	<u>2,355.84</u>	
Total Payroll for Month		\$ 9,510.50
Coal (Per cost voucher #14-152)(b)		92.61
Wood (Per cost voucher #14-153)(b)		2.25
Material (Per cost voucher #14-156)(b)		135.69
Oil (Per cost voucher #14-157)(b)		207.87
Cost of items worn out, damaged, or destroyed (arbitrary figure by North Mess)		<u>100.00</u>
Total Overhead Cost for March		<u>10,048.92</u>
Total Operating Cost for March (c)		\$ 17,245.09

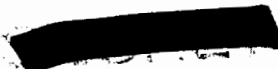
Cash Sales of Meals - 1420 (232 1/2 at \$.40; 889 at \$.50; 298 1/2 at \$.65) (d)	\$ 732.03	
Income from Cash Sales of meal tickets to Post and Tech Employees at \$22.50 per month (d)	1,684.65	
Income from Cash Sales of meal tickets to McKee Employees at \$25.00 per month (d)	1,262.75	
Income from Billings to PX and Special Accounts Employees at \$22.50 per month (e)	41.25	
Income from Payroll Deductions of Post Employees at \$22.50 per month (e)	3,973.25	
Income from Payroll Deductions for which there is no record of ticket issued (Per Schedule II)	<u>93.75</u>	\$ 7,787.68
Loss: Adjustment to West Mess for meals served to holders of North Mess Tickets (f)		<u>60.75</u>
Total Income for March 1946		<u>7,706.93</u>

Gross Operating Loss		\$ 9,538.16
Add: Losses on Payroll Deductions (Per Schedule I)	\$ 247.50	
Losses on Billings to Special Accounts (Per Schedule II)	18.75	
Losses on Sale of Meal tickets for Cash (Per Schedule III)	217.33	
Loss on Unauthorized Refunds (Per Schedule IV)	13.50	<u>497.08</u>

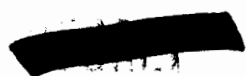
Net Operating Loss \$ 10,035.24


Total Number of meals served during month of March	<u>22967</u>
Food Cost per Meal	\$ <u>.31360</u>
Overhead Cost per Meal	\$ <u>.63792</u>
Total Operating Cost per Meal	\$ <u>.95152</u>

Average Gross Loss per Meal - March 1946	\$ <u>.17566</u>
Average Net Loss per Meal - March 1946	\$ <u>.12732</u>


COST STATEMENT OF MESS OPERATIONS - NORTH MESS
MONTH OF MARCH 1946
(continued)

Footnotes:

- (a) No inventory was taken on 28 February 1946, so assumption was made that no supplies were on hand 1 March 1946.
 - (b) Taken from Cost Vouchers on file in Cost Accounting Section.
 - (c) 2 Enlisted men on duty at beginning of month and 1 at end of month are not included in this cost. Also does not include cost of water, electricity, or depreciation as distribution is not made to Cost Accounts.
 - (d) Taken from Daily Reports and Cash Turn Ins to Collection Unit.
 - (e) Taken from "Record of Meal Tickets Issued" and a check of each individual account.
 - (f) Taken from files of Collection Unit.
- 


UNITED STATES ENGINEER OFFICE
P. O. Box 1539
Santa Fe, New Mexico

COST STATEMENT OF MESS OPERATIONS - NORTH MESS
April 1946

Beginning Inventory of Food Supplies - 1 April 1946 (at cost)	\$ 1539.50	
Add: Food Supplies Purchased from Post Commissary During Month (at cost)	5876.58	\$ 7416.08
Deduct: Ending Inventory of Food Supplies - 30 April 1946 (at cost)		<u>1293.02</u>
Cost of Food Supplies Consumed during Month (a)		\$ 6122.86
Civilian Employees Payroll		
Per Annum Payroll Ending 6 April (6/14 x \$4358.91)	\$ 1866.10	
Per Annum Payroll Ending 30 April 4365.46	4365.46	
Per Annum Payroll Ending 4 May (10/14 x \$4017.71)	<u>2869.79</u>	
Total Payroll for Month (b)		\$ 9103.35
Fuel Oil (b)		184.67
Material (b)		149.67
(d)		<u>79.44</u>
Total Overhead Costs		\$ 9517.53
Total Operating Costs (c)		\$ 15640.18

Income:

Sale of Meal Tickets for cash @ \$22.50 per Month (d)	\$ 5034.26	
Sale of Meals for Cash @ .40; .50 and .65 (d)	1173.33	
Other Income (Payments on Meal Tickets (d)	<u>392.50</u>	\$ 6600.78
Less: Refunds on Meal Tickets Paid for in Advance		<u>474.50</u> \$ 6126.28
Add: Ration Exchange from West Mess (e)		<u>147.50</u>
Total Income for Month		\$ 6273.78

Total number of meals served during month	17444
Food cost per meal	<u>.3510</u>
Overhead Cost per meal	<u>.54559</u>
Total operating Cost per meal	<u>.89659</u>
Average Net Loss per meal	<u>.54559</u>

Footnotes:

- (a) Taken from monthly report of Mess Operations - North Mess - April 1946.
- (b) Taken from Cost Vouchers on file in Cost Accounting Section.
- (c) Does not include Cost of Electricity, water, or depreciation as distribution is not made to cost accounts.
- (d) Taken from Daily Reports of cash turned in to Collection Unit.
- (e) Taken from Report of Reapportionment of Business for April 1946.


Month. See attached roster.

\$6273.78

\$50122.88

\$ 150.98




 UNITED STATES ENGINEER OFFICE
 P. O. Box 1539
 Santa Fe, New Mexico

COST STATEMENT OF MESS OPERATIONS - NORTH MESS
MAY 1946

Beginning Inventory of Food Supplies -			
1 May 1946 (at cost)	\$	1293.23	
Add: Purchases from Post Commissary during month (at cost)	<u>6533.23</u>	\$	7626.46
Deduct: Inventory of Food Supplies -			
31 May 1946 (at cost)		<u>1190.77</u>	
Cost of Food Supplies Consumed during Month (a)			\$ 6435.69
William Employees Payroll (b)			
Per Annum Payroll ending 4 May 1946 (4/14 x \$4017.71)	\$	1147.98	
Per Annum Payroll ending 18 May 1946		3870.35	
Per Annum Payroll ending 1 June 1946 (13/14 x \$3709.22)	<u>3444.28</u>		
Total Payroll for Month	\$	8162.55*	
Coal (b)		9.85	
Material (b)		117.50	
Fuel Oil (b)		<u>122.65</u>	
Total Overhead costs for May		\$	<u>249.00</u>
Total Operating costs for May (c)			\$ 14948.34
 Income:			
Sale of Meal Tickets for cash @ \$22.50 per Month (d)	5822.20		
Sale of Meals for Cash @ .40; .50 and .65 per meal (d)	1725.18		
Other income (Payment on Meal Tickets) (d)	<u>133.75</u>	\$7381.13	
Less Refunds on Meal Tickets Paid for in advance		<u>251.78</u>	7129.35
Add: Ration Exchange from West Mess (e)			<u>117.25</u>
Total Income for Month			\$7246.63
Net Operating Loss for May 1946			<u>7601.71</u>
Total number of meals served during month	192.53		
Food cost per meal	<u>.33427</u>		
Overhead cost per meal	<u>.43698</u>		
Total Operating cost per meal	<u>.77125</u>		
Average net Loss per meal - May 1946	.39253		

Footnotes:

- (a) Taken from monthly report of Mess operations - North Mess - May 1946.
- (b) Taken from Cost Vouchers on file in Cost Accounting Section.
- (c) Does not include cost of electricity, water, or depreciation as distribution is not made to cost accounts.
- (d) Taken from Daily Reports of cash turned in to collection unit.
- (e) Taken from Report of Recapitulation of business for May 1946.

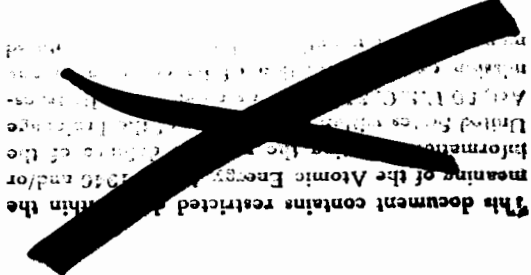
* 63 employees for the Month. See attached roster.
 Total Income 7246.63

Footnotes:


- (a) Taken from monthly report of Mess operations - North Mess - May 1946.
- (b) Taken from Cost Vouchers on file in Cost Accounting Section.
- (c) Does not include cost of electricity, water, or depreciation as distribution is not made to cost accounts.
- () Taken from Daily Reports of cash turned in to collection unit.
- (e) Taken from Report of Recapitulation of business for May 1946.

* 63 employees for the Month. See attached roster.

Total income	\$7216.68
Cost of food	
supplies	8438.69
	<u>810.94</u>



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UNITED STATES ENGINEER OFFICE
P. O. Box 1839
Santa Fe, New Mexico

COST STATEMENT OFFENSE OPERATIONS - NORTH MESS
JUNE 1946

Beginning Inventory of Food Supplies - 1 June 1946 (at cost)	\$ 1190.77		
Add: Purchases from Post Commissary during Month (at cost)	<u>6910.16</u>	\$ 8100.83	
Deduct: Ending Inventory of Food Supplies - 30 June 1946 (at cost)		<u>1226.83</u>	
Cost of Food Supplies Consumed During Month (a)			\$ 6874.10
Civilian Employees Payroll			
Per Annum Payroll Ending 1 June (1/14 x \$3709.22)	264.94		
Per Annum Payroll Ending 15 June	8739.53		
Per Annum Payroll Ending 29 June	3873.84		
Per Annum Payroll for 30 June (approximately 1/14 x \$3873.84)			
(Payroll ending 13 July not posted)	<u>876.70</u>		
Total Payroll for Month (b)		8155.01*	
Fuel Oil (b)		<u>169.89</u>	
Total overhead costs for month			<u>8324.90</u>
Total operating cost for month (c)			\$ 15199.00
 Income:			
Sale of meal tickets for cash @ \$22.50 per month (d)	6040.45		
Sale of meals for cash @ .40; .50 @ .65 per meal (d)	2067.70		
Ration return from West Mess (e)	<u>207.25</u>	8315.40	
Less: Refunds on meal tickets paid for in advance		<u>163.40</u>	
Total income for month			<u>8152.00</u>
Net Operating Income for June 1946			<u>\$7047.00</u>
 Total number of meals served during month <u>20423</u>			
Food cost per meal	<u>.33659</u>		
Overhead cost per meal	<u>.40762</u>		
Total operating cost per meal	<u>.74421</u>		
Average Net Income per meal - June 1946	<u>.34049</u>		

Footnotes:

- (a) Taken from monthly report of Mess Operations - North Mess - June 1946
- (b) Taken from Cost Vouchers on file in cost accounting section.
- (c) Does not include cost of Electricity, water, or depreciation as distributions are not made to cost accounts.
- (d) Taken from records of meal tickets sold and Record of Daily Cash Sales - North Mess.
- (e) Taken from Report of Recapitulation of Business for June 1946.

*69 employees for the month. See attached roster.

Beginning Inventory of Food Supplies - 1 June 1946 (at cost)	\$ 1190.77		
Add: Purchases from Post Commissary during Month (at cost)	<u>6910.16</u>	\$ 8100.95	
Deduct: Ending Inventory of Food Supplies - 30 June 1946 (at cost)		<u>1226.85</u>	
Cost of Food Supplies Consumed During Month (a)			\$ 6874.10
Civilian Employees Payroll			
Per Annum Payroll Ending 1 June (1/14 x \$3709.22)	264.94		
Per Annum Payroll Ending 15 June	3739.53		
Per Annum Payroll Ending 29 June	3873.84		
Per Annum Payroll for 30 June (approximately 1/14 x \$3873.84) (Payroll ending 13 July not posted)	<u>376.70</u>		
Total Payroll for Month (b)		8155.01*	
Fuel Oil (b)		<u>169.89</u>	
Total overhead costs for month			<u>8324.90</u>
Total operating cost for month (c)			\$ 15199.00

Income:

Sale of meal tickets for cash @ \$22.50 per month (d)	6040.45		
Sale of meals for cash @ .40; .50 @ .65 per meal (d)	2067.70		
Ration return from West Mess (e)	<u>207.25</u>	8315.40	
Less: Refunds on meal tickets paid for in advance		<u>163.40</u>	
Total income for month			<u>8152.00</u>
Net Operating Cost for June 1946			<u>7037.00</u>


Total number of meals served during month	20423
Food cost per meal	<u>.33669</u>
Overhead cost per meal	<u>.40762</u>
Total operating cost per meal	<u>.74421</u>
Average Net Cost per meal - June 1946	<u>.52852</u>

Footnotes:

- (a) Taken from monthly report of Mess Operations - North Mess - June 1946
- (b) Taken from Cost Vouchers on file in cost accounting section.
- (c) Does not include cost of Electricity, water, or depreciation as distributions are not made to cost accounts.
- (d) Taken from records of meal tickets sold and Record of Daily Cash Sales - North Mess.
- (e) Taken from Report of Recapitulation of Business for June 1946.

*69 employees for the month. See attached roster.

Total Income	8152.00
Cost of food supplies	<u>6874.10</u>
Gross profit on sales	1277.90


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COST STATEMENT OF MEAL OPERATIONS - FULLER LODGE
JANUARY 1946

Beginning Inventory of Food Supplies - 1 January 1946 (at cost)	\$ 898.61	
Add: Food Supplies received from Post Commissary during month (at cost)	2,954.30	\$ 3,852.91
Deduct: Ending Inventory of Food Supplies - 31 January 1946 (at cost)	<u>575.91</u>	
Cost of Food Supplies consumed during month of January 1946 (a)		\$ 3,277.00
Other Supplies		15.00
Civilian Employees Payrolls (16 at beginning and end of month)(b)		
Force & Hourly Payroll ending 5 January (\$278.40 x 5/14)	\$ 99.43	
Force & Hourly Payroll ending 19 January	278.40	
Force & Hourly Payroll ending 2 February (\$286.20 x 12/14)	245.31	
Per Annum Payroll ending 12 January (\$582.77 x 12/14)	499.52	
Per Annum Payroll ending 26 January	1,336.43	
Per Annum Payroll ending 9 February (\$1,189.99 x 5/14)	<u>425.00</u>	
Total Payroll for January 1946	\$ 2,884.09	
Coal (Per Cost Voucher #12v107)(b)	94.34	
Material (Per Cost Voucher #13-29)(b)	159.74	
Cost of items worn out, damaged or destroyed (Estimate by Fuller Lodge)	30.50	
Free Meals (Served to cooks and manager at \$.25 per meal)(a)	<u>93.00</u>	
Total Overhead cost for January 1946		3,261.67
Total Operating Costs for January 1946 (c)		\$ 6,553.67
Income from sale of meals for cash (334 at \$.65; 1312 at \$.65; 794 at \$1.00)(d)	\$ 1,863.98	
Income from Payroll deductions of employees at \$22.50 per month (e)	355.50	
Income from Billings to Tech Employees at \$50.00 per month (f)	1,681.66	
Total Income for January 1946		<u>3,901.14</u>
Gross Operating Less for January 1946		\$ 2,652.53
Add: Losses from Payroll Deductions (Per Schedule I)		<u>15.00</u>
Net Operating Less for January 1946		<u>\$ 2,697.53</u>
Total Number of meals served during January 1946		<u>7901</u>
Food Cost per meal - Month of January 1946		<u>\$.4175</u>

Add: Feed Supplies received from Post Commissary during month (at cost)	<u>2,954.30</u>	\$ 3,852.91
Deduct: Ending Inventory of Feed Supplies - 31 January 1946 (at cost)		
Cost of Food Supplies consumed during month of January 1946 (a)	<u>575.91</u>	\$ 3,277.00
Other Supplies		15.00
Civilian Employees Payrolls (16 at beginning and end of month)(b)		
Force & Hourly Payroll ending 5 January (\$278.40 x 5/14)	\$ 99.43	
Force & Hourly Payroll ending 19 January	278.40	
Force & Hourly Payroll ending 2 February (\$280.20 x 12/14)	245.31	
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Per Annum Payroll ending 9 February (\$1,189.99 x 5/14)	<u>425.00</u>	
Total Payroll for January 1946		\$ 2,884.09
Coal (Per Cost Voucher #12-107)(b)		94.34
Material (Per Cost Voucher #13-29)(b)		159.74
Cost of items worn out, damaged or destroyed (Estimate by Fuller Lodge)		30.50
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Total Overhead cost for January 1946		3,261.67
Total Operating Costs for January 1946 (c)		\$ 6,553.67
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Income from Payroll deductions of employees at \$22.50 per month (e)	355.50	
Income from Billings to Tech Employees at \$50.00 per month (f)	1,681.66	
Total Income for January 1946		<u>3,901.14</u>
Gross Operating Less for January 1946		\$ 2,652.53
Add: Losses from Payroll Deductions (Per Schedule I)		<u>45.00</u>
Net Operating Less for January 1946		<u>\$ 2,697.53</u>
Total Number of meals served during January 1946	<u>7901</u>	
Food Cost per meal - Month of January 1946	\$ <u>41476</u>	
Overhead cost per meal - Month of January 1946	\$ <u>41282</u>	
Total Operating Cost per meal - Month of January 1946	\$ <u>82757</u>	
Average Gross Less Per meal - January 1946	\$ <u>33572</u>	
Average Net Less per meal - January 1946	\$ <u>33772</u>	

(Footnotes on following page)

COST STATEMENT OF MESS OPERATIONS - FULLER LODGE

JANUARY 1946
(continued)

- (a) Taken from Monthly Report of Mess Operations - Fuller Lodge - January 1946.
- (b) Taken from Cost Vouchers on file in Cost Accounting Section.
- (c) Does not include cost of electricity, water, or depreciation as distribution is not made to Cost Accounts.
- (d) Taken from Daily reports of Cash Turned In to Collection Unit.
- (e) Taken from Fuller Lodge Employees Pay Cards in Payroll Section.
- (f) Taken from Tech Employees Ledger Cards in Billings Unit.

(Inadequacy of records at Fuller Lodge makes it impossible to prepare an exact Cost Statement)

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COST STATEMENT OF MESS OPERATIONS - FULLER LODGE
FEBRUARY 1946

Beginning Inventory of Food Supplies - 1 February 1946 (at cost)	\$ 575.91	
Add: Food Supplies received from Post Commissary during month (at cost)	<u>3,044.55</u>	\$3,620.46
Deduct: Ending Inventory of Food Supp- lies - 28 February 1946 (at cost)		<u>585.75</u>
Cost of Food Supplies consumed during month of February 1946 (a)		\$ 3,034.71
Other Supplies		15.00
Civilian Employees Payrolls (16 at beginning and end of month)(b)		
Force & Hourly Payroll ending 2 February (\$286.20 x 2/14)	\$ 40.89	
Force & Hourly Payroll ending 16 February	288.00	
Force & Hourly Payroll ending 2 March (\$292.20 x 12/14)	250.46	
Per Annum Payroll ending 9 February (\$1,189.99 x 1/14)	764.99	
Per Annum Payroll ending 23 February	1,352.07	
Per Annum Payroll ending 9 March (\$1,219.91 x 5/14)	<u>435.68</u>	
Total Payroll for February 1946		\$ 3,132.09
Fuel Oil (Per Cost Voucher #13-40)(b)		88.82
Wood (Per Cost Voucher #13-95)(b)		4.50
Coal (Per Cost Voucher #13-95)(b)		156.67
Material (Per Cost Voucher #13-103)(b)		2.66
Material (Per Cost Voucher #13-104)(b)		251.62
Cost of items worn out, destroyed or damaged (Estimated by Fuller Lodge)		30.50
Free Meals (Served to cooks and manager at \$.25 per meal)(336)		<u>84.00</u>
Total Overhead Costs for February 1946		<u>3,750.86</u>
Total Operating Costs for February 1946 (c)		\$ 6,800.57
Income from Sale of meals for cash (362 1/2 at \$.65; 1316 1/2 at \$.65; 1161 at \$1.00)(d)	\$ 2,253.25	
Income from Payroll Deductions of employees at \$22.50 per month (e)	314.25	
Income from Billings of Tech Employees at \$50.00 per month (f)	<u>1,384.17</u>	
Total Income for February 1946		<u>3,951.67</u>
Gross Operating Loss for February 1946		\$ 2,848.90
Add: Losses on Payroll Deductions (Per Schedule I)		<u>6.00</u>
February 1946		<u>\$ 2,854.90</u>

Beginning Inventory of Food Supplies - 1 February 1946 (at cost)	\$ 575.91	
Add: Food Supplies received from Post Commissary during month (at cost)	<u>3,044.55</u>	\$3,620.46
Deduct: Ending Inventory of Food Supp- lies - 28 February 1946 (at cost)		<u>585.75</u>
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Income from Payroll Deductions of employees at \$22.50 per month (e)	314.25	
Income from Billings of Tech Employees at \$50.00 per month (f)	<u>1,384.17</u>	
Total Income for February 1946		<u>3,951.67</u>
Gross Operating Loss for February 1946		\$ 2,848.90
Add: Losses on Payroll Deductions (Per Schedule I)		<u>25.00</u>
Net Operating Loss for February 1946		<u>\$ 2,873.90</u>


(Continued on next page)

COST STATEMENT OF MESS OPERATIONS - FULLER LODGE
FEBRUARY 1946
(continued)

Total Number of Meals served during month of February 1946	<u>7521</u>
Feed Cost Per Meal - Month of February 1946	<u>\$.60359</u>
Overhead Cost per Meal - Month of February 1946	<u>\$.69872</u>
Total Operating Cost per meal - Month of February 1946	<u>\$.90421</u>
Average Gross Loss per meal - February 1946	<u>\$.37879</u>
Average Net Loss per meal - February 1946	<u>\$.38478</u>

- (a) Taken from Monthly Report of Mess Operations - Fuller Lodge - February 1946
- (b) Taken from Cost Vouchers on file in Cost Accounting Section.
- (c) Does not include cost of water, electricity, or depreciation as distribution is not made to Cost Accounts.
- (d) Taken from Daily Report of Cash Turned In to Collection Unit.
- (e) Taken from Employees Pay Cards in Payroll Section.
- (f) Taken from individuals Ledger Cards in Billings Unit.

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COST STATEMENT OF MESS OPERATIONS - FULLER LODGE
MARCH 1946

Beginning Inventory of Food Supplies - 1 March 1946 (at cost)	\$ 585.75	
Add: Food Supplies received from Post Commissary during month (at cost)	<u>2,990.82</u>	\$ 3,576.57
Deduct: Ending Inventory of Food Supplies 31 March 1946 (at cost)		<u>666.84</u>
Cost of Food Supplies consumed during month of March 1946 (a)		\$ 2,909.73
Other Supplies		15.00
Civilian Employees Payrolls (16 at beginning of month; 17 at end of month)(b)		
Per Annum Payroll ending 9 March (\$1,219.50 x 9/14)	\$ 784.23	
Per Annum Payroll ending 23 March	1,068.65	
Per Annum Payroll ending 6 April (\$2,798.97 x 8/14)	1,599.34	
Force & Hourly Payroll ending 2 March (\$292.20 x 2/14)	41.74	
Force & Hourly Payroll ending 16 March	244.71	
Force & Hourly Payroll ending 30 March	139.20	
Force & Hourly Payroll for 31 March (Approximately 1/14 of \$139.20)	<u>9.94</u>	
Total Payroll for month of March 1946		\$ 3,887.81
Coal (Per Cost Voucher #14-152)(b)		295.46
Wood (Per Cost Voucher #14-153)(b)		6.75
Material (Per Cost Voucher #14-156)(b)		15.00
Fuel Oil (Per Cost Voucher #14-157)(b)		128.08
Cost of Items worn out, damaged, or destroyed (Estimated by Fuller Lodge)		<u>30.50</u>
Total Overhead Cost - March 1946		<u>4,363.60</u>
Total Operating Cost - March 1946 (c)		\$ 7,288.33
Income from Cash Sales of Meals (453 1/2 at \$.65; 1631 1/2 at \$.65; 1352 at \$1.00)(d)		\$ 2,706.28
Income from Payroll Deductions of Fuller Lodge Employees at \$22.50 per month (e)		252.00
Income from Billings of Tech Employees at \$50.00 per month (f)		1,446.13
Income from Parties held in March - Collections made in April (Per Schedule II)		<u>14.00</u>
Total Income for March 1946		<u>4,418.41</u>
Gross Operating Loss for March 1946		\$ 2,869.92
Losses on Payroll Deductions (Per Schedule I)		<u>22.50</u>
Net Operating Loss for March 1946		<u>\$ 2,892.42</u>

Beginning Inventory of Food Supplies - 1 March 1946 (at cost)	\$ 585.75	
Add: Food Supplies received from Post Commissary during month (at cost)	<u>2,990.82</u>	\$ 3,576.57
Deduct: Ending Inventory of Food Supplies 31 March 1946 (at cost)		<u>666.84</u>
Cost of Food Supplies consumed during month of March 1946 (a)		\$ 2,909.73
Other Supplies		15.00
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Per Annum Payroll ending 9 March (\$1,219.00 x 9/14)	\$ 784.23	
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Per Annum Payroll ending 6 April (\$2,798.97 x 8/14)	1,599.34	
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Fuel Oil (Per Cost Voucher #14-157)(b)		128.08
Cost of Items worn out, damaged, or destroyed (Estimated by Fuller Lodge)		<u>30.50</u>
Total Overhead Cost - March 1946		<u>4,363.60</u>
Total Operating Cost - March 1946 (c)		\$ 7,288.33
Income from Cash Sales of Meals (453 1/2 at \$.65; 1631 1/2 at \$.65; 1352 at \$1.00)(d)	\$ 2,706.28	
Income from Payroll Deductions of Fuller Lodge Employees at \$22.50 per month (e)	252.00	
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Income from Parties held in March - Collections made in April (Per Schedule II)	<u>14.00</u>	
Total Income for March 1946		<u>4,418.41</u>
Gross Operating Loss for March 1946		\$ 2,869.92
Less: Losses on Payroll Deductions (Per Schedule I)		<u>22.50</u>
Net Operating Loss for March 1946		<u>\$ 2,892.42</u>

(continued on following page)

COST STATEMENT OF MESS OPERATIONS - FULLER LODGE
MARCH 1946
(continued)

Total number of meals served during month of March 1946	<u>7601</u>
Food Cost per meal - Month of March 1946	\$ <u>.38281</u>
Overhead Cost per meal - Month of March 1946	\$ <u>.57408</u>
Total Operating Cost per meal - Month of March 1946	\$ <u>.95886</u>
Average Gross Less per meal - March 1946	\$ <u>.57757</u>
Average Net Less per meal - March 1946	\$ <u>.38053</u>

Footnotes:

- (a) Taken from Monthly Report of Mess Operations - Fuller Lodge - March 1946
- (b) Taken from Cost Vouchers on file in Cost Accounting Section
- (c) Does not include cost of water, electricity, or depreciation as distribution is not made to Cost Accounts
- (d) Taken from Daily Reports of Cash Turned in to Collections Unit
- (e) Taken from Fuller Lodge Employees Pay Cards in Payroll Section
- (f) Taken from Tech Employees individual Ledger Cards in Billings Unit

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Army Service Forces
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COST STATEMENT OF MESS OPERATIONS
EAST CAFETERIA
JANUARY 1946

Beginning Inventory of Food Supplies - 1 January 1946 (at cost)	\$ 2,017.50		
Add: Food Supplies Received from Post Commissary during month (at cost)	<u>8,992.09</u>	\$ 11,009.59	
Deduct: Ending Inventory of Food Supplies - 31 January 1946 (at cost)			<u>3,297.62</u>
Cost of Food Supplies Consumed during month of January 1946 (A)			\$ 7,711.97
Other Expendable Supplies Consumed during month of January			50.00
Civilian Employees' Payroll (B)			
Force & Hourly Payroll Ending 5 January (\$251.04 x 5/14)	89.66		
Force & Hourly Payroll Ending 19 January	134.40		
Force & Hourly Payroll Ending 2 February (\$256.08 x 12/14)	219.50		
Per Annum Payroll Ending 12 January \$2,864.70 x 12/14)	2,455.46		
Per Annum Payroll Ending 26 January	3,117.18		
Per Annum Payroll Ending 9 February (\$2,892.93 x 5/14)	<u>1,033.19</u>		
Total Payrolls		7,049.39	
Fuel Oil (Cost Voucher # 12-163) (B)		422.72	
Material (Cost Voucher # 13-29) (B)		90.39	
Free Meals (744 - served to cooks at .25 per meal) (A)		<u>186.00</u>	
Total Overhead Cost			<u>7,748.50</u>
Total Operating Cost (C)			\$ 15,510.47
Income from Payroll Deductions of Employees at \$22.50 per month (D)		573.00	
Income from Sale of Meals for Cash (E)		<u>12,047.70</u>	
Total Income for January 1946			<u>12,620.70</u>
Net Operating for January 1946			<u>\$ 2,889.77</u>


Total Number of Meals Served during month	<u>23,065</u>
Food Cost Per Meal - month of January 1946	<u>\$.33436</u>
Overhead Cost Per Meal - month of January 1946	<u>\$.33594</u>
Total Operating Cost Per Meal - month of January	<u>\$.67247</u>
Average Net Loss Per Meal - January 1946	<u>\$.12529</u>

- (A) Taken from Monthly Report of Mess Operations - East Cafeteria - January 1946
- (B) Taken from Cost Vouchers on file in Cost Accounting Section
- (C) Does not include Cost of Electricity, Water, or Depreciation as distribution is not made to Cost Accounts
- (D) Taken from East Cafeteria Employees' Pay Cards in Payroll Section
- (E) Taken from Daily Reports of Cash Turned In to Collection Unit

Beginning Inventory of Food Supplies - 1 January 1946 (at cost)	\$ 2,017.50	
Add: Food Supplies Received from Post Commissary during month (at cost)	<u>\$ 992.09</u>	\$ 11,009.59
Deduct: Ending Inventory of Food Supplies - 31 January 1946 (at cost)		<u>3,297.62</u>
Cost of Food Supplies Consumed during month of January 1946 (A)		\$ 7,711.97
Of Expendable Supplies Consumed during Month of January		50.00
Civilian Employees' Payroll (B)		
Force & Hourly Payroll Ending 5 January (\$251.04 x 5/14)	89.66	
Force & Hourly Payroll Ending 19 January	134.40	
Force & Hourly Payroll Ending 2 February (\$256.08 x 12/14)	219.50	
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Per Annum Payroll Ending 26 January	3,117.18	
Per Annum Payroll Ending 9 February (\$2,892.93 x 5/14)	<u>1,033.19</u>	
Total Payrolls		7,049.39
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Total Overhead Cost		<u>7,748.50</u>
Total Operating Cost (C)		\$ 15,510.47
Income from Payroll Deductions of Employees at \$22.50 per month (D)		573.00
Income from Sale of Meals for Cash (E)		<u>12,047.70</u>
Total Income for January 1946		<u>12,620.70</u>
Net Operating for January 1946		<u>2,889.77</u>

Total Number of Meals Served during month	<u>23,065</u>
Food Cost Per Meal - month of January 1946	<u>\$.33436</u>
Overhead Cost Per Meal - month of January 1946	<u>\$.33594</u>
Total Operating Cost Per Meal - month of January	<u>\$.67247</u>
Average Net Loss Per Meal - January 1946	<u>\$.12529</u>

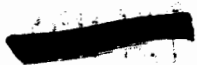
- (A) Taken from Monthly Report of Mess Operations - East Cafeteria - January 1946
 (B) Taken from Cost Vouchers on file in Cost Accounting Section
 (C) Does not include Cost of Electricity, Water, or Depreciation as distribution
 is not made to Cost Accounts
 (D) Taken from East Cafeteria Employees' Pay Cards in Payroll Section
 (E) Taken from Daily Reports of Cash Turned In to Collection Unit


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COST STATEMENT OF MESS OPERATIONS
EAST CAFETERIA
FEBRUARY 1946

Beginning Inventory of Food Supplies - 1 February 1946 (at cost)	\$ 3,297.62		
Add: Food Supplies Received from Post Commissary during month (at cost)	<u>7,013.18</u>	\$ 10,310.80	
Deduct: Ending Inventory of Food Supplies 28 February 1946 (at cost)			<u>2,852.36</u>
Cost of Food Supplies Consumed during month of February 1946 (A)			\$ 7,458.44
Other Expendable Supplies Consumed during month			50.00
Civilian Employees' Payroll (B)			
Force & Hourly Payroll Ending 2 February (\$256.08 x 2/14)	36.58		
Force & Hourly Payroll Ending 16 February	224.40		
Force & Hourly Payroll Ending 2 March (\$189.60 x 12/14)	162.51		
Per Annum Payroll Ending 9 February (\$2,892.93 x 9/14)	1,859.74		
Per Annum Payroll Ending 23 February	3,161.69		
Per Annum Payroll Ending 9 March (\$2,831.18 x 5/14)	<u>1,011.14</u>		
Total Payroll		6,456.06	
Fuel Oil (Cost Voucher # 13-97) (B)		355.00	
Material (Cost Voucher # 13-104) (B)		55.40	
Free Meals (602 - served to cooks at \$0.25 per meal) (A)		<u>152.00</u>	
Total Overhead Cost - February 1946			<u>7,018.46</u>
Total Operating Cost - February 1946			\$ 14,526.90
Income from Payroll Deductions of Employees at \$22.50 per month (D)		597.75	
Income from Sale of Meals for Cash (E)		<u>12,263.90</u>	
Total Income - February 1946			<u>12,861.65</u>
Net Operating Loss for February 1946			<u>\$ 1,665.25</u>
Total Number of Meals Served During Month	<u>23,239</u>		
Food Cost Per Meal - February 1946	<u>\$.32094</u>		
Overhead Cost Per Meal - February 1946	<u>\$.30201</u>		
Total Operating Cost Per Meal - February 1946	<u>\$.62511</u>		
Average Net per Meal - February 1946	<u>\$.07156</u>		

- (A) Taken from Monthly Report of Mess Operations - East Cafeteria - February 1946
 (B) Taken from Cost Vouchers on file in Cost Accounting Section
 (C) Does not include Cost of Electricity, Water, or Depreciation as distribution is not made to Cost Accounts
 (D) Taken from East Cafeteria Employees' Pay Cards in Payroll Section
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 P. O. Box 1539
Santa Fe, New Mexico

COST STATEMENT OF MESS OPERATIONS
EAST CAFETERIA
MARCH 1946

Beginning Inventory of Food Supplies - 1 March 1946 (at cost)	\$ 2,852.36		
Add: Food Supplies Received from Post Commissary during month (at cost)	<u>7,659.00</u>	\$ 10,511.36	
Deduct: Ending Inventory of Food Supplies - 31 March 1946 (at cost)			<u>2,112.20</u>
Cost of Food Supplies Consumed during month of March 1946 (A)			\$ 8,399.16
Of Expendable Supplies Consumed during month			50.00
Civilian Employees Payroll (B)			
Per Annum Payroll Ending 9 March (\$2,831.18 x 9/14)	1,820.04		
Per Annum Payroll Ending 23 March	2,796.54		
Per Annum Payroll Ending 6 April (\$2,798.97 x 8/14)	1,599.41		
Force & Hourly Payroll Ending 2 March (\$189.60 x 2/14)	27.09		
Force & Hourly Payroll Ending 16 March	226.80		
Force & Hourly Payroll Ending 30 March	180.00		
Force & Hourly Payroll Ending 13 April (\$201.60 x 1/14)	<u>14.40</u>		
Total Payroll		6,664.28	
Fuel Oil (Cost Voucher # 14-127) (B)		317.96	
Material (Cost Voucher # 14-156) (B)		<u>114.50</u>	
Total Overhead Cost - March 1946			<u>7,096.74</u>
Total Operating Cost - March 1946 (C)			\$ 15,545.90
Income from Payroll Deductions of Employees at \$22.50 per month (D)		561.75	
Income from Sale of Meals for Cash (E)		<u>13,478.97</u>	
Total Income - March 1946			<u>14,040.72</u>
Net Operating Loss for March 1946			<u>\$ 1,505.18</u>
Total Meals Served during month	<u>25,158</u>		
Food Cost Per Meal - month of March 1946	<u>\$.33386</u>		
Overhead Cost Per Meal - month of March 1946	<u>\$.28209</u>		
Total Operating Cost Per Meal - month of March	<u>\$.61793</u>		
Average Net Loss Per Meal - month of March	<u>\$.05983</u>		

- (A) Taken from Monthly Report of Mess Operations - East Cafeteria - March 1946
- (B) Taken from Cost Vouchers on file in Cost Accounting Section
- (C) Does not include cost of electricity, water, or depreciation as distribution is not made to Cost Accounts
- (D) Taken from East Cafeteria Employee's Pay Cards in Payroll Section
- (E) Taken from Daily Reports of Cash Turned In to Collection Unit

[REDACTED]

**RECAPITULATION OF NET OPERATING LOSSES FROM
MESS OPERATIONS (EAST CAFETERIA, NORTH MESS
AND FULLER LODGE) FOR THE QUARTER ENDING
31 MARCH 1946.**

	<u>Net Monthly Operating Loss</u>	<u>Net Quarterly Operating Loss</u>	<u>Total Net Operating Loss</u>
<u>East Cafeteria:</u>			
January, 1946	\$ 2889.77		
February 1946	1665.25		
March, 1946	<u>1505.18</u>		
		\$6060.20	
<u>North Mess:</u>			
January, 1946	\$ 6149.92		
February, 1946	8226.19		
March, 1946	<u>10035.24</u>		
		24411.35	
<u>Fuller Lodges:</u>			
January, 1946	\$ 2697.53		
February, 1946	2893.90		
March, 1946	<u>2902.42</u>		
		<u>8483.85</u>	
			<u>\$ 38955.40</u>

[REDACTED]

INCL 4

SUMMARY OF NET OPERATING LOSSES

NORTH MESS

FOR THE QUARTER ENDING 30 JUNE 1946

<u>Month</u>	<u>No. Meals Served</u>	<u>Net Operating Loss</u>	<u>Average Net Loss Per Meal</u>
April, 1946	17444	\$ 9,366.40	\$.53694
May, 1946	19253	7,601.71	.39483
June, 1946	<u>20423</u>	<u>7,047.00</u>	<u>.34505</u>
	57120	\$ 24,015.11	\$.42043

INCL 5

~~SECRET~~

EIDM CO

12 August 1944

MEMORANDUM TO: Lt. Rice

Reference your memorandum, subject "Unauthorized Items", dated 5 August, you are authorized to carry such items over and above the items listed in Army Regulations as permissible for a Commissary to carry in stock as may be necessary in order to meet the needs of the population of this isolated Post in view of the fact that our Commissary is the only source of subsistence supplies.

A copy of certificate placed in the files this date is attached, and it is requested that the undersigned be kept advised of any additional items which are stocked in the future beyond those authorized by Army Regulations.

WHITNEY ASHBRIDGE,
Lt. Col., Corps of Engineers.

Incl:

Copy of Certificate.

TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lt. TC

~~SECRET~~

EIDM CO

12 August 1944

MEMORANDUM TO: Files

Because of the peculiar nature of the project at this Post and the necessity for maintaining good morale among the civilian population, it is considered necessary to carry in stock at the Commissary more items than are authorized by Army Regulations. The isolation of this Post and the security regulations are also contributing factors which prevent Post residents from access to civilian sources of supply.

This is made a matter of record in accordance with instructions from higher authority that we should put such a statement in the files in the event it became necessary to break Army Regulations for the proper prosecution of the project. It is considered by the undersigned necessary to carry a large variety in order to satisfy civilian personnel and so they may put forth their best efforts for the furtherance of the project.

/s/ WHITNEY ASHERIDGE,
Lt. Col., Corps of Engineers

A TRUE COPY:

Edith C. Truslow

EDITH C. TRUSLOW
2nd Lieut. TC

ARMY SERVICE FORCES
UNITED STATES ENGINEER OFFICE
P. O. BOX 1539
Santa Fe, New Mexico

13 October 1944.

EIDM ACO

Subject: Charge Sales and Collections.

To: The Commanding Officer, U. S. Engineer Office,
P. O. Box 1539, Santa Fe, New Mexico.

1. AR 30-2290, Section 1, Paragraph 2 b, authorizing charge sales has been rescinded by Change No. 2, dated November 10, 1942.

2. Since it is generally understood that certain regulations may be waived in order to prosecute the work, it is requested that written approval be granted by indorsement hereon to sell to the following installations on a charge basis:

Post Exchanges
Nursery School
Technical Area

3. Section I, Paragraph 2 b, of the above-mentioned regulation also requires all charge sales to be paid by the 10th day of the succeeding month. All installations will be notified of this deadline provided authority is granted to operate on a charge basis.

VIRGIL F. DEAN,
Captain, Corps of Engineers.

TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lieut. TC

10-25

[REDACTED]
Subject: Charge Sales and Collections

EIDM CO

1st Ind.

WA:MJF

U. S. Engineer Office, P.O.Box 1539, Santa Fe, N.M., 14 October 1944

TO: Captain Virgil F. Dean, P.O.Box 1539, Santa Fe, N M

Approved.

WHITNEY ASHBRIDGE
Lt.Col., Corps of Engineers
Commanding

A TRUE COPY:

Edith C. Truslow

EDITH C. TRUSLOW

2nd Lieut. TC

[REDACTED]
SECRET

~~SECRET~~

13 October 1944

EIDM ACO

Subject: Excess Cash on Hand

To: The Commanding Officer, U.S. Engineer Office, P.O. Box
1539 Santa Fe, New Mexico.

1. In accordance with TM 10-215, Section V, Paragraph 43, the maximum allowable amount of cash to be retained at the Commissary at any one time is \$200.00.

2. It is requested that authority be granted for the Commissary to retain the cash from the daily sales and collections for a period of 10 days, i.e., on the 10th, 20th and the last business day of each month, in order that a sufficient amount of cash will be on hand for check cashing purposes.

3. If authority is granted for retention of cash for the periods mentioned above, there will be in the safe approximately twenty thousand to thirty thousand dollars at one time. The safe in the Commissary is the safe taken over from the Los Alamos School and is no protection for that amount of money. Adequate facilities should be installed in the Commissary to safely handle this money.

VIRGIL F. DEAN
Captain, Corps of Engineers

A TRUE COPY

Edith C. Truslow
EDITH C. TRUSLOW
2d LIEUT. TC

~~SECRET~~

D-26

EIDM CO

1st Ind.

WA:MJG

U. S. Engineer Office, P.O.Box 1539, Santa Fe, N. M., 16 October 1944

TO: Captain Virgil F. Dean, P.O.Box 1539, Santa Fe, N. M.

1. Approved in view of the necessity for providing check cashing facilities at this isolated project.

2. It had been suggested by the undersigned that you could use the large safe formerly used by the Intelligence Office, now in the Post Engineer Office, but it is understood that you and Lt. Maguire have examined the safe and consider that it offers no more security than the one now used other than its greater size. Efforts will be made, therefore, to obtain a more secure safe from the District, surplus lists, or such other source as may prove available.

WHITNEY ASHBRIDGE,
Lt.Col, Corps of Engineers
Commanding.

A TRUE COPY:

Edith C. Truslow

EDITH C. TRUSLOW
2d Lieut. TC

25154

2 February 1945

161 EIDM AA

SUBJECT: Request for Authority to Cash Checks at Commissary

TO: District Engineer, U.S. Engineer Office, P.O. Box E, Oak Ridge,
Tennessee.
(Attention: Col. E. E. Kirkpatrick)

1. Since the inception of this project the Post Commissary has been cashing personal checks for Civil Service personnel, employees of the Contractor and military personnel. This procedure was established due to the classified nature of the project, to the fact that Contractor's employees were not permitted to use the facilities of the bank in Santa Fe and because of the distance to a bank from this installation.

2. As originally planned the number of checks cashed would have been comparatively small and the amount of money involved trivial; however, the volume has now reached such proportions that it is necessary to carry at all times a minimum of \$5,000 for this purpose, and on pay days the amount necessary now runs between \$20,000 and \$30,000.

3. To date there have been no losses due to bad checks, but such a contingency can be expected at any time, and neither the Commanding Office nor the Commissary Officer feels he should be held responsible should a loss be incurred due to taking a bad check.

4. Authority is requested to continue procedure as outlined above, to carry up to \$30,000 in the Commissary Officer's safe when necessary and to absorb any bad checks by charging them to the overhead received from the sale of Commissary items.

/s/ G. R. Tyler

G. R. TYLER,
Colonel, Corps of Engineers,
Commanding

TRUE COPY

Edith C. Truslow
EDITH C. TRUSLOW
2d Lt, TC

~~SECRET~~

D-27

~~XXXXXXXXXX~~

SUBJECT: Request For Authority to Cash Checks at Commissary

MD 122. 1 EIDMV-1

1st Ind.

Office of the District Engineer, U.S. Engineer Office, Oak Ridge, Tennessee,
12 February 1945. To: The Commanding Officer, U.S. Engineer Office, Santa
Fe, New Mexico.

1. The practice of the Sales Officer cashing either Government or personnel checks is in contravention of law (31 USC 521). However, Disbursing Officers are authorized to cash checks for military, civilian, and contractor personnel by the Act of 23 December 1944 (Pub. Law 554-78th Congress), subject to such regulations as may be issued by the Secretary of the Treasury. The regulations contemplated have not been issued to date. See Sec. VI, W.D. Bulletin 1, January 1945.

2. In the interests of the project and security, the present procedure of cashing checks should be continued pending receipt of regulations under the Act of 23 December 1944 and losses, if any, charged against overhead on sales. The ten percent overhead factor now included in the purchase price to individuals is in excess of that ordinarily made by a Sales Commissary for sales of subsistence and is considered adequate protection in view of the no-loss experience in cashing checks to date.

E. E. KIRKPATRICK
Colonel, Corps of Engineers,
Deputy District Engineer.

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lieut. TC

EIDM FF-3

1221
123

SUBJECT: Check Cashing Fund

TO: Captain Clyde Black
Custodian Check Cashing Fund
U. S. Engineer Office
P. O. Box 1539
Santa Fe, New Mexico

1. Transmitted herewith, U. S. Engineer Fund Check No. 64 drawn on The First National Bank of Santa Fe, New Mexico in the amount of Thirty-Five Thousand Dollars (\$35,000.00), dated 12 November 1946, for additional use in Check Cashing Fund at the Sales Commissary.

2. This amount is in addition to Fifty Thousand Dollars, (\$50,000.00) transmitted on a previous date and will be used for cashing checks only. It will not be co-mingled with funds of the Sales Commissary and all personnel who will have access to the Check Cashing Fund or any part of it will be adequately bonded.

3. It is requested that receipt of the inclosed be acknowledged by indorsement hereon.

FOR THE COMMANDING OFFICER:

1 Incl:
Check #64

RICHARD H. WARTELL
Fiscal Officer

EIDM SC

1st Ind

U. S. Engineer Office, P. O. Box 1539, Santa Fe, New Mexico 13 November 1946

TO: Richard H. Wartell, Fiscal Officer

1. Receipt is acknowledged for inclosure #1, check in the amount of \$35,000.00.

FOR THE COMMANDING OFFICER:

CLYDE BLACK
Captain, C. E.
Sales Officer

C
O
P
Y

[REDACTED]

Subject: Procurement of Automotive Parts.

Man. 451.01 (Santa Fe) EIDMG-3 1st Ind.

U. S. Engineer Office, Manhattan District, Oak Ridge, Tennessee,
2 May 1944. To: The Commanding Officer, U.S. Engineer Office,
Santa Fe, New Mexico.

Local Procurement of automotive parts from E.P. of E & S funds may be made by your office in cases of justifiable emergency where equipment will otherwise be dead-lined for excessive periods. However, every effort should be made to anticipate needs and submit requisitions for automotive parts to the proper supply agencies sufficiently in advance to receive necessary action.

For the District Engineer:

/s/ E. H. Marsden,
Col., Corps of Engineers,
Executive Officer

3 Incls:
N/C

AIR MAIL

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lieut. TC

[REDACTED]

D-29

C O P Y

~~SECRET~~
WAR DEPARTMENT
Office of the Chief of Engineers
Washington

February 27, 1943.

SUBJECT: Medical Treatment of Personnel at Los Alamos, N.M.

TO: The Commanding General,
Services of Supply.

1. Due to the desirability of restricting the movement of personnel, both military and civilian, and their dependents some of whom will be women and children, it is imperative that medical treatment completely under War Department control be available. The maintenance of a complete medical, veterinary and dental staff at the station would not be economical in either facilities or personnel. The Santa Fe General Hospital is the nearest Military Hospital to Los Alamos. It is sufficiently near to obviate excessive travel.

2. It is recommended that the Commanding Officer, Santa Fe General Hospital be directed to furnish medical service including Hospitalization and dental treatment at the Santa Fe General Hospital to the personnel located at Los Alamos including civilians and dependents of military personnel and civilians. This service should include periodic dental inspection and treatment at Los Alamos.

For the Chief of Engineers:

/s/ L. R. Groves
L. R. GROVES
Brigadier General, C.E.

Approved:

For the Surgeon General

/s/ John A. Rogers
Col. MC
Executive Officer

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lieut. TC

~~SECRET~~

O-30

[REDACTED]

ARMY SERVICE FORCES
United States Engineer Office
P.O.Box 1539
Santa Fe, New Mexico

SECRET
Auth: C.O., Site Y, N.M.
Initials: ifn
Date 6/9/44

MEMORANDUM TO: Lt. Col. Ashbridge, Commanding Officer.

SUBJECT: Medical Facilities and Activities in the Year 1943-1944.

1. The enclosed chart has been prepared to indicate, as much as the information is available, the medical services provided to the population of the Post, correlated with the facilities available. Also an attempt has been made to correlate the services with the increase in population. From this chart various facts are presented:

a. Despite the fact that there have been no great epidemics or catastrophes, it can be seen that there has been a steady and rapid increase in the number of patients seen as out patients and also as hospital patients. The curves representing the out patient visits with the military and civilian personnel are more or less parallel in their rise.

b. The curve of the patients hospitalized or in quarters also increases in a manner paralleling the out patients services. The only accurate figure available for the increase in population is that of the enlisted men. This curve increases in a manner which may be correlated to the increase in the number of men on sick call. From this curve the increase in population of other categories of people such as civilian males and civilian females etc. may be interpolated. The only conclusion that such a curve as this may give (and this must be an assumed one) is that the increase in medical services is related to the increase in population.

c. At the top of the chart the nursing and enlisted men's staff is indicated. Although the personnel has increased with time, this increase is certainly not commensurate with the increase in services demanded.

d. Beneath this the number of hospital beds available is indicated in both the normal and the crowded state. These figures indicate that there is not only a deplorable lack of such facilities but also the fact that these are so crowded as to be a menace to the health of the community. It would be quite risky to enter another fall and winter season with such a lack of medical facilities.

1.

A TRUE COPY:
Edith C. Truslow
EDITH C. TRUSLOW
2d Lt, TC

[REDACTED]

D-31

[REDACTED]

MEMO. To Lt. Col. Ashbridge, 6-9-44.

2. Medical services in this project have an important place in the maintenance of morale and effectiveness among the workers. Such factors as isolation, recent removal of the people from more familiar surroundings and the intense drive on the part of the employees all tend to amplify the importance of illnesses. Because of special hazards of type of employment and terrain a large number of casualties from accidents may present themselves at any time. These problems must be anticipated. Although with consultation more complete medical services are available at Bruns General Hospital, and are given at every opportunity with the utmost good spirit, the distance involved and the administrative routine of such an army hospital cause time wastage on the part of the employees to a considerable extent. A patient going to Bruns for consultation demands transportation and at least a whole day lost from work. If further examination is deemed necessary by the consultant each such examination involves the loss of a whole working day. Patients treated for orthopedic and general surgery or other major diseases for which we do not have the facilities are kept from their work for long periods of time, because of the necessary routine of the hospital. For these reasons, which have been expressed not only by the medical staff but also by the Commanding Officer of the Military Police and heads of the Technical Area, an attempt has been made to keep the demands for services at Bruns General Hospital at a minimum, as far as safety permits. Examples of such patients who demanded long treatment and observation are in the cases of James Coon, Chester Snow and various members of the military detachment.

3. In the past year medical problems have been varied. Because of the type of population there has been a high birth rate and because of the type of work there have been industrial and military accidents. The situations that have developed have been in the main competently handled. The medical staff has been rather fortunate in spite of the fact that there has been such a rapid increase in the population and there have been no general catastrophes or epidemics. However, these things must be anticipated. At times during the past year equipment which has long been on order has not been available. Up until a few months ago no bassinets were available and new born babies had to be kept in padded cardboard boxes. Anaesthesia has also been a problem mainly because the physicians have had to administer such anaesthesia. Though they understand fully the physiology of the agents, they have not had wide experience. This has kept major surgical procedures to a minimum

2.

A TRUE COPY:
Edith C. Truslow
EDITH C. TRUSLOW
2d Lt. TC

[REDACTED]

[REDACTED]

Memo to Lt.Col. Ashbridge 6-9-44.

and confined them to emergencies. Nursing service has been excellent despite the small staff and the crowding of the available space.

4. There are now available in extremely crowded conditions, only 24 beds. The situation is well illustrated by the following: there are three beds now assigned to obstetrical cases and at the present time there are five obstetrical patients hospitalized. There are ten pediatrics beds and on the basis of use, sixteen would be required to meet the demand, exclusive of infectious disease. There are four surgical beds. These are full, and four times as many should be available as a minimum. There are seven beds assigned to medicine - all of which are also full - and a little over twice that number should be available. Experience has shown that hospital facilities of only 24 beds are not only inadequate, but dangerously so; and that approximately 55 - 60 beds will be required to handle the present population with any degree of safety.

5. The high incidence of single employees and the large military units also present an abnormal situation. Patients in these categories must be hospitalized for any degree of illness which makes it impossible for them to be employed or to be on duty. The present sick call dispensary, designed for three beds, is now overcrowded to ten. The required ratio of beds to military strength indicates that the ward space for 48 beds is required. By utilizing the facilities of a 60 bed hospital for the care of the sick military personnel, a smaller ward capacity would appear to be adequate - i.e. 30 beds in 10 bed units. Additional safety could be obtained by having protected porches which could be used for bed space during epidemics.

6. It is recommended that the present medical facilities be increased to hospital bed capacity of 60 with the proper personnel and services including examination and care of ambulatory patients, and 30 bed open ward type of facility for convalescent civilian and military personnel be provided as soon as possible.

/s/ JAMES F. NOLAN
Capt. M.C. (AUS)

3.

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lt. TC

[REDACTED]

ARMY SERVICE FORCES
United States Engineer Office
Manhattan District
Oak Ridge, Tennessee
P. O. Box E

In Reply
refer to MD 632

22 June 1944

Subject: Hospital Requirements at "Y"

MEMORANDUM TO: Major General L. R. Groves

1. The steady increase in population during the past three months and the probable increase of 25% within the next year have created a problem in hospitalization.

2. Recent inspection and study of the hospital and clinic facilities at "Y" indicate that they have become dangerously inadequate within the last month.

a. The hospital at present is designed for nineteen beds. However, twenty-four have been crowded in, and are fully occupied most of the time.

b. The military infirmary was designed for three bed patients, but ten beds have been crowded in and are fully occupied at frequent intervals.

c. There is no flexibility in the present facilities to meet the fluctuating demands of the various contingencies as well as emergencies which may arise in any group of this size and activity.

3. The future hospital and military infirmary requirements are difficult to estimate because of various factors, some of which are obscure. Therefore, the present recommendations are based on local experience of the past year plus certain obvious safe-guards required by this unusual type of community geographically isolated from the usual facilities of a city.

a. The large percentage of "intellectuals", both old and young, in a civilian group who, when subjected to the strain of transplantation and high-pressure work, are more susceptible to mild medical ailments than usual, and will both require and seek more medical care than the average person.

b. The high proportion of "4-F's" require medical supervision and care.

c. Over one-third of the civilians are single and must be hospitalized for even mild illness because they cannot be cared for in the dormitories.

TRUE COPY
Edith C. Truslow
EDITH C. TRUSLOW
2d Lieut. TC

~~SECRET~~

D-32

[REDACTED]

Subject: Hospital Requirements at "Y"

d. Approximately one-fifth of the married women are now in some stage of pregnancy. (The birth rate over the nation elsewhere is decreasing)

e. Approximately one-sixth of the population are children, one-third of whom are under two years of age.

f. Due to lack of house-hold help, the ill patient must be hospitalized longer, particularly if it is the wife who is ill.

g. Approximately one-half of the population is military, one-third female, and two-thirds male. According to regulations, when ill enough to be off duty, even though convalescing, they must be hospitalized.

3. It is recommended that the present hospital and appropriate facilities and personnel be enlarged to a fifty to sixty "Sick patient" capacity, depending upon the most efficient number for the basic plumbing and other services, with the distribution approximately as follows:

a. Eight single rooms in an isolation unit for infectious disease.

b. Sixteen cribs for pediatrics.

c. Approximately fourteen single rooms for the very ill cases, post-operative and obstetrical patients.

d. The remainder distributed in two to six bed units as convenient to services and space requirements.

4. It is recommended that sufficient open-spaced solaria accommodating twenty cots or beds, and one or more large screened porches for twenty cots be made available as a minimum for emergency and epidemic situations, and convalescent civilian and military personnel as required.

5. It is recommended that additions be made to the present hospital rather than starting new construction at another site.

cc: Col. Nichols
Lt.Col.Ashbridge

STAFFORD L. WARREN,
Colonel, Medical Corps

-2-

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lt. TC

[REDACTED]

~~SECRET~~

DEPARTMENT OF LABOR
Office of the Secretary
Washington

Date: December 18, 1942.

DECISION OF THE SECRETARY

This case is before the Department of Labor pursuant to a request for wage predetermination under the Davis-Bacon Act, as amended (Act of August 30, 1935, 49 Stat. 1011, U. S. C. ti. 40, sec. 276 (a), with respect to a contract or contracts by the Corps of Engineers of the War Department for the construction of buildings, including fortifications, roads, utilities, etc., in Sandoval County, New Mexico.

In accordance with the terms of the regulations promulgated by the Secretary of Labor (Reg. 503, dated September 30, 1935), a study has been made of Wage conditions in the locality on the basis of the data submitted by the contracting agency and other information assembled by the Department of Labor. Wage rates listed on the attached schedule are hereby found to be the prevailing rates of wages for the requested crafts. These rates are to be considered prevailing from the date of this decision unless the decision is changed, which changes will be applicable only to contracts awarded subsequent to the date of the change.

In accordance with the provisions of the said Davis-Bacon Act, as amended, these are the minimum wages to be inserted in the specifications for said contract or contracts, and any class of laborers and mechanics (including apprentices) not listed in the attached schedule, which will be employed on this contract or contracts, shall be classified or reclassified conformably to the attached schedule. In the event the interested parties cannot agree on the proper classification or reclassification of a particular class of laborers and mechanics to be used, the question, accompanied by the recommendation of the contracting officer, shall be referred to the Secretary of Labor for final determination.

By direction of the Secretary of Labor

(Illegible)
Acting Solicitor

Attachment

(Sol 43-12)

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lt, TC

~~SECRET~~
D-33

~~SECRET~~

A-2989

Page 1 of 3.

	<u>Per Hour</u>
Acetylene cutters	\$1.50
Air Tool Operators (Jackhammermen, vibrator)	1.00
Asbestos workers	1.50
Asbestos workers' apprentices:	
1st year	.55
2nd year	.65
3rd year	.75
4th year	.85
Blacksmiths	1.25
Blacksmiths' helpers	.60
Bricklayers	1.50
Blasters, powdermen	1.25
Carpenters, journeymen	1.25
Carpenters apprentices:	
1st year	.55
2nd year	.65
3rd year	.85
4th year	1.00
Cement finishers	1.00
Concrete pumps and batching plants	1.25
Concrete puddlers, vibrator men, etc.	1.00
Concrete wheelers and handlers	.50
Electricians	1.50
Electricians' apprentices:	
1st 6 months - optional	
2nd 6 months	.50
2nd year	.60
3rd year	.80
4th year	1.00
Firemen and Oilers	.75
Glaziers	1.00
Iron workers, structural	1.50
Iron workers, reinforcing	1.25
Laborers, building	.50
Laborers, unskilled	.50
Machinists	1.25
Millwrights	1.25
Mason tenders	.75
Mortar mixers	.75
Painters, brush	1.00
Plumbers	1.50
Plumbers' apprentices:	
1st 6 months 25% of journeymen's rate	
2nd 6 months 30% of " "	
3rd 6 months 35% of " "	
4th 6 months 40% of " "	

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW

2d Lt, TC

~~SECRET~~

~~SECRET~~

Plumbers' apprentices (Contd.).

5th 6 months 45% of journeymen's rate
6th 6 months 50% of " "
7th 6 months 57½% of " "
8th 6 months 65% of " "
9th 6 months 72½% of " "
10th 6 months 80% of " "

Power equipment operators:

Air compressors	\$1.00
Auto Patrols	1.00
Blade Graders	1.00
Bulldozers	1.25
Carryalls	1.25
Crane, derricks, draglines	1.25
Finishing machines (cem. conc. pave.)	1.25
Hoists	1.00
Mixers	1.00
Piledrivers	1.25
Power saws - sawyer	1.25
Pumps	1.00
Rollers	1.00
Shovels	1.25
Tractors	1.00
Trenching machine	1.25
Roofers, composition	1.00
Roofers, slate and tile	1.25
Roofers' helpers	.60
Sheet metal workers	1.25
Steam fitters and gas fitters	1.50
Steam fitters' apprentices:	
1st 6 months 25% of journeymen's rate	
2nd 6 months 30% of " "	
3rd 6 months 35% of " "	
4th 6 months 40% of " "	
5th 6 months 45% of " "	
6th 6 months 50% of " "	
7th 6 months 57½% of " "	
8th 6 months 65% of " "	
9th 6 months 72½% of " "	
10th 6 months 80% of " "	
Teamsters	.55
Truck drivers, under 1-1½ tons	.55
Truck drivers, 1-1/2 tons to 4 tons	.75
Truck drivers, 4 tons to 10 tons, inclusive	.95
Truck drivers, over 10 tons	1.12½
Welders, arc and acetylene	1.50
Wreckers	.50

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lt, TC

~~SECRET~~

~~SECRET~~

LADDER DIAGRAM

1 October 1944

Manhattan District, Oak Ridge, Tennessee
Location of Installation - Santa Fe, New Mexico

GRADE	JOB DESIGNATION	STEP RATES				
1		.49	.51	.54	.57	.59
2	Laborer, Unskilled	.52	.55	.58	.61	.64
3	Incinerator Worker	.56	.59	.62	.65	.68
4	Incinerator Worker, Sr. Truck Driver (L. D.)	.59	.63	.66	.69	.73
5	Auto Greaser Painters' Helper Stable Attendant Blacksmith Helper Labor Pusher Auto Mechanic Helper Plumber Helper Electrician Helper	.63	.67	.70	.74	.77
6	Grinder, Tool Rough	.66	.69	.73	.77	.80
7	Labor Foreman, Jr. Truck Driver (Medium) Plumber, Jr. Electrician, Jr. Painter, Jr.	.69	.73	.77	.81	.85
8	Jr. Carpenter Auto Mech. Jr.	.73	.77	.81	.85	.89
9	Fireman-Stationary Boiler Oiler Truck Driver (HD)	.77	.81	.85	.89	.94
10	Welder, Acetylene Painter Labor Foreman	.80	.85	.89	.93	.98

A TRUE COPY
W. C. FUSLOW
2d Lt, TC

~~SECRET~~

D-39

[REDACTED]
LADDER DIAGRAM

- 2 -

GRADE	JOB DESIGNATION	STEP RATES				
11	Refrigeration Repairman Plumber Cement Finisher Painter (Signs)	.84	.88	.93	.98	1.02
12	Carpenter Oper. Engr. Equip. Saw Reconditioner	.87	.92	.97	1.02	1.07
13	Sr. Painter	.92	.97	1.02	1.07	1.12
14	Electrician Labor Foreman	.96	1.02	1.07	1.12	1.18
15	Electrician, Lineman Welder, Acetylene & Elec. Auto Mechanic Blacksmith Plumber, Sr.	1.00	1.05	1.11	1.17	1.22
16	Sheet Metal Worker, Sr	1.04	1.10	1.16	1.22	1.28
17	Sr. Carpenter Sr. Electrician	1.09	1.15	1.21	1.27	1.33
18	Plumber Foreman Engr. Equip. Crane & Shovel Operator Mech. Stove & Furnance Mech. Foreman Engr. Equip. Mech. General Sr. Sheet Metal, Foreman Carpenter - Principal - Field	1.13	1.20	1.26	1.32	1.39
19	Sr. Machinist Engr. Equip. Foreman, Shop	1.17	1.24	1.30	1.37	1.43

A TRUE COPY:

Edith C. Truslow

EDITH C. TRUSLOW

2d Lt, TC

[REDACTED]

[REDACTED]

LADDER DIAGRAM

-3-

GRADE	JOB DESIGNATION	STEP RATES				
20	Electrician Foreman	1.22	1.28	1.35	1.42	1.49
21		1.26	1.33	1.40	1.47	1.54
22	Foreman Maintenance Carpenter Superintendent	1.30	1.37	1.44	1.51	1.58
23	Electrician Foreman	1.34	1.42	1.49	1.56	1.64
24	Engineer Equipment Supt	1.39	1.46	1.54	1.62	1.69
25		1.43	1.51	1.59	1.67	1.75

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lt, TC

[REDACTED]

~~SECRET~~

OFFICE OF PRICE ADMINISTRATION
Rosenwald Building
Albuquerque, New Mexico
February 9, 1945

Captain S. A. Musser
P. O. Box 1539
Santa Fe, New Mexico

Dear Sir:

Your inquiry regarding the question of whether or not the milk which you sell at the Los Alamos project to civilians working there and eating in the restaurant on the project is covered by price control has been referred by Walter Connell, District Price Executive, to this office for attention.

The facts as I understand them are that the restaurant conducted there is operated by the Army, an official restaurant of the War Department, or at least that it is regulated by the War Department.

Supplementary Order No. 27, issued by the Office of Price Administration on November 9, 1942, expressly exempts sales and deliveries of any commodity or service by the War Department or Navy Department of the United States by such Departments' sales stores, including commissaries and Ships' stores ashore, and by stores operated as army canteens, post exchanges or ships' activities from any price regulation heretofore or hereafter issued unless specific provision making a price regulation applicable to such sales shall hereafter be included in such regulation. When we receive the new supply of Supplementary Order No. 27 which we now have on order, we shall send a copy to you for your files.

There is nothing in the Restaurant Regulation which does cover you specifically, and it is my opinion therefore that your sales of milk and food served, the specific question asked, are exempt.

Another question which you asked is whether or not your purchases of milk are covered by maximum price regulation. The answer to that question is that such purchases are covered in conformance with the provisions of Maximum Price Regulation No. 329 and the New Mexico Milk Order issued under such regulation.

If there is any further information which you would like in this regard, please feel free to call upon me at any time.

Very truly yours,

/s/ Louis C. Lujan
/t/ LOUIS C. LUJAN
District Price Attorney

A TRUE COPY:

Edith C. Truflow
EDITH C. TRUFLOW
2d Lt, TC

~~SECRET~~

D-35

~~SECRET~~

WAR DEPARTMENT
United States Engineer Office
P. O. Box 1539
Santa Fe, New Mexico

S E C R E T
Auth: C.O., Los Alamos, N.M.
Initials: /s/ W. A.
Date: W. A. FEB 11 '44

11 February 1944

SUBJECT: Monies Derived from Operation of Post Facilities

TO : District Engineer, Manhattan District, P. O. Box 1111,
Knoxville 7, Tennessee
(Attention: Lt Col C. Vanden Bulck)

1. As provided for by Modification No 1, Contract W 7405 eng-36, all monies derived from operation of hospitals, commissaries, mess halls, cafeterias, housekeeping quarters, dormitories and other facilities and/or sources are being turned over to and accounted for by the Contractor.

2. The term "all monies" includes collections received from individuals either on Government, Contractor, or other pay rolls. Pay roll deductions on Government employees for rent will of course not be available to this office for transfer to the Contractor, and we only contemplate sending to Major Stewart for transmittal to the Contractor cash and checks actually collected here on the project.

3. It is requested that the above procedure be confirmed by indorsement hereon.

/s/ Whitney Ashbridge
WHITNEY ASHBRIDGE
Lt Col, Corps of Engineers
Commanding

A TRUE COPY

Edith C. Truslow
EDITH C. TRUSLOW
2d Lt, TC

~~SECRET~~

Subject: Monies Derived from Operation of Post Facilities.

ME 123.6 EIDMV-3

1st Ind.

U. S. Engineer Office, Manhattan District, Oak Ridge, Tennessee, 19 February 1944. To: The Commanding Officer, U. S. Engineer Office, Santa Fe, New Mexico.

1. This office concurs with the procedure outlined in the basic letter.

2. For your information, Paragraph a, Article VIII, added to contract W-7405-eng-36 by Modification No. 1 is quoted verbatim:

"a. If and when monies are received by the Contractor from any operation of the hospital, commissary, mess halls, cafeterias, dormitories, village and community facilities, or from salvage, rebates, discounts, refunds, etc., the same should be accounted for by the Contractor and except for any reasonable compensation accruing to a third party or parties in connection with such items, shall be applied in reduction in the cost of the work. Nothing herein contained, however, shall be construed to require the Contractor to operate any of the facilities herein above, or to be responsible for the collection or income therefrom."

For the District Engineer:

/s/ C. Vanden Bulck
C. VANDEN BULCK,
Lt. Col., Corps of Engineers,
Assistant.

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lt, TC

~~SECRET~~

[REDACTED]

copy

February 22, 1943.

SUBJECT: Organization and Assignment of Military Organizations,
Los Alamos, New Mexico.

TO: The Commanding General,
Services of Supply.

1. The extremely critical and secret nature of the operations to be carried on at Los Alamos to be activated on April 1, 1943 requires that it be protected and guarded by a special military organization fully subject to military control and suitable for periodic transfer outside the continental limits of the United States and for control of their activities after being so transferred. The unit should not be sent to a theater where members would be subject to capture or interrogation by the Germans.

2. It is requested that a special Military Police Company (reinforced) be organized and assigned to Los Alamos; that the Provost Marshall General, the Surgeon General and the Chief of Engineers be directed to participate in the organization, initial training, and equipping of the organization; that allotments of Medical, Military Police and Engineer troops and equipment be established for this project; that the withdrawal of trained personnel from existing tactical units be authorized to make up the initial complement; that only personnel be assigned who are of unquestioned loyalty and are suitable for overseas duty exclusive of the European and African Theaters.

3. The training of personnel should be similar to that normally given guard units. It would be advantageous if a large portion of the personnel were accustomed to horses.

4. The organization should be of the following magnitude:

Military Police	190 Officers and men (including company headquarters)
Medical and Veterinary	9 Officers and men
Engineer	<u>45</u> Officers and men
Total	244 Officers and men

The details of the organization and equipment will be developed with the Provost Marshall General, the Surgeon General and the Chief of Engineers as soon as the organization is authorized.

[REDACTED]

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5. The Units, trained and equipped, should arrive at Santa Fe, New Mexico between April 1 and April 10, 1943.

/s/ L. R. Groves
L. R. GROVES
Brigadier General, C.E.

(S E A L)

WAR DEPARTMENT
SERVICES OF SUPPLY
A P P R O V E D
MAR 2 , 1943
FOR THE COMMANDING GENERAL
/s/ W. D. STYER
CHIEF OF STAFF

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lieut. TC

~~SECRET~~

copy

February 27, 1943.

SUBJECT: Activation and Administration of Los Alamos.

TO: The Commanding General
Services of Supply.

1. It is requested that the Los Alamos, Sandoval County, New Mexico site recently acquired, be activated on April 1, 1943, as a military establishment under the command of the Chief of Engineers, with the Commanding Officer to be designated by him, under the name of "Los Alamos". As the station will be used exclusively in connection with the activities under the District Engineer, Manhattan District, it is recommended that no reference to the station, its activities or its personnel be published or otherwise given general distribution.

2. It is requested that the station be designated as a Class IV Installation in accordance with paragraph 402.02 d of the Services of Supply Organization Manual. Because of the exceptionally critical nature of the operations planned for this station and because personnel living and working thereat, including officers, enlisted men and civilians will necessarily be under close scrutiny and restriction, it is requested that the Commanding Officer be authorized to designate specially restricted areas within the reservation. All activities, persons and installations within these areas to be exempt from supervision or inspection by any person or agency other than a single officer to be designated by the Chief of Engineers or persons specially designated by that officer provided that the Commanding General, 8th Service Command will retain court martial jurisdiction.

3. The Commanding Officer of the Station should be authorized by the War Department to exercise complete censorship of incoming and outgoing communications of those individuals residing on the Project and to take other necessary measures to maintain unimpaired the secrecy of the Project.

4. It is planned to carry on operations with civilian personnel exclusive of guards until sometime next winter and then to militarize the establishment to the maximum degree possible. Until this militarization all restrictions will be held to a minimum and will be under the control of the higher civilian personnel under the supervision of the single officer referred to in paragraph 2, above.

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lieut. TC

(SEAL)
WAR DEPARTMENT
/s/ L. R. Groves SERVICES OF SUPPLY
L. R. GROVES A P P R O V E D
Brigadier General, C.E. Mar 2, 1943
FOR THE COMMANDING
GEN'L
/s/ W. D. STYER
CHIEF OF STAFF

D-38

copy

February 27, 1943.

SUBJECT: Supply and Servicing of Los Alamos, New Mexico.

TO: The Commanding General
Services of Supply

1. It is requested that the following agencies of the Services of Supply, be directed to cooperate with the District Engineer, Manhattan District and the Commanding Officer, Los Alamos, in furnishing equipment and supplies to Los Alamos, including the waiving of internal regulations of the agency whenever in conflict with the restrictive and secret nature of this installation:

- a. Army Exchange Service.
- b. Office of the Quartermaster General
- c. Office of the Chief of Ordnance
- d. Office of the Chief Signal Officer
- e. Office of the Surgeon General
- f. Transportation Corps
- g. Commanding General, 8th Service Command
- h. Army Motion Picture Service (Special Service Division)

2. Reimbursements to the Army Exchange Service and the Army Motion Picture Service will be made by the Commanding Officer, Los Alamos. Reimbursements to other agencies will be from Engineer Service Army Funds, 1942-43, Appropriation 212/30905, Procurement Authority ENG 31110 P 430-99 A 0905-23.

3. The Commanding Officer, Los Alamos, will upon the approval of this recommendation get in touch with each of the agencies named.

For the Chief of Engineers:

A TRUE COPY:

Edith C. Truslow
EDITH C. TRUSLOW
2d Lieut. TC

/s/ L. R. Groves
L. R. GROVES
Brigadier General, C.E.

(S E A L)
WAR DEPARTMENT
SERVICES OF SUPPLY
A P P R O V E D
MAR 2, 1943
FOR THE COMMANDING GENERAL
/s/ W. D. STYER
CHIEF OF STAFF

0-39