

2 January 1987

1. A&E Contract No.: N62470-86-B-9260
Construction Contract No.: N62470-87-B-7134

Project Title/Location: FY 89 MCON Project P-229, Electronics/Communications Maintenance Shop, Marine Corps Base, Camp Lejeune, North Carolina

Attachments:

- (a) DD Form 1391 dated 3 November 1986
(b) Utility Site Plan
(c) Floor Plan
(d) CVMS Equipment List
(e) Collateral Equipment List dated 19 August 1986

Larry Brant
Fred Estes

2. Project Budget: \$4,550,000 Construction Cost: \$4,108,000

62,000 OMSE

In accordance with design contract terms, you are responsible to ensure that estimated construction costs remain within programmed funds. Approval from the Project Manager (PM) is required to continue design in excess of programmed funds. You are responsible to design to scope. Approval from the PM is required to continue design in excess of the authorized scope.

3. LANTNAVFACENCOM PM/Telephone:

Ms. S. M. (Susan) Gale, P. E., Code 09A2131/804-444-9670

4. Activity Point of Contact/Telephone:

Mr. Fred Estes or Mr. Larry Brant, Public Works Planning/919-451-1833

5. Services Required:

- a. The following listed services are required:

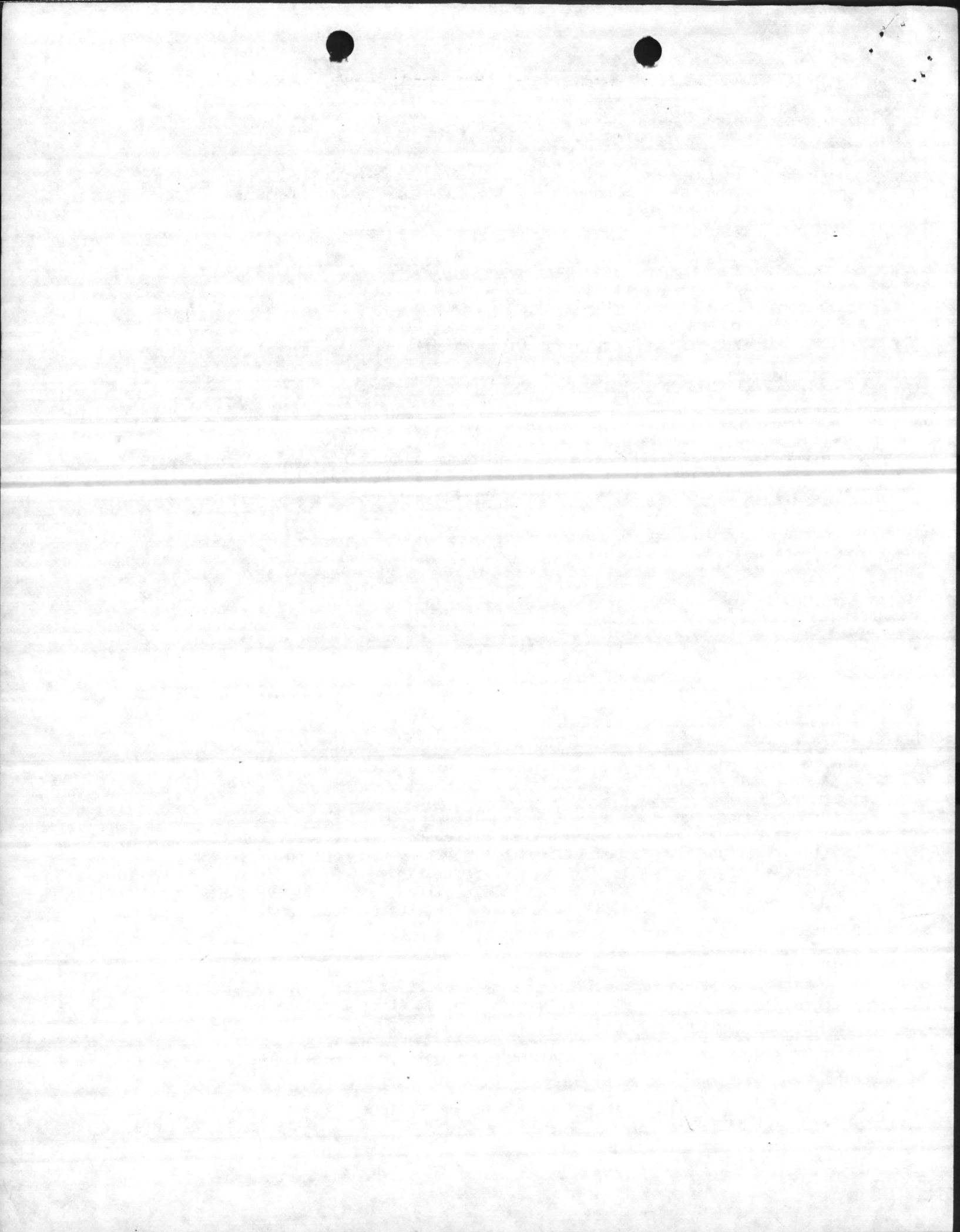
Plans	Shop Drawing Review
Specifications	As-Built Drawing Preparation
Cost Estimate	

b. Energy Conservation: A computer energy analysis is required for buildings larger than 8,000 square feet (heating and cooling or cooling only) and buildings larger than 20,000 square feet (heating only). Refer to the A&E Guide. Contract N62470-84-B-6943 with The Trane Company is available for use. Instructions for its use may be obtained from the Project Manager (PM).

- c. Bench mark datum shall be obtained from the Activity.

d. Value Engineering (VE): VE of project will be conducted through a separate contract. Your involvement in the VE Study is described in the A&E Guide. Data required for distribution directly to the VE Team is specifically outlined and this effort will be reimbursed under the heading of Engineering Services.

- e. Quality Assurance Plan (QAP): Not required.



f. Base Exterior Architectural Plan (BEAP): Not required.

g. Computer Estimating System (CES): A computer estimate utilizing our CES system will be required with the prefinal and final (100%) submittals. The A&E shall furnish 7 floppy disks (5 1/4" D, doublesided, double density) and the Government will return loaded with the CES. A users manual and a hard copy of the CES database will also be furnished. Minimum hardware/software requirements are IBM compatible PC w/5 megabyte hard disk storage, printer, DOS (version 2.0 or greater), Base 3. A manually prepared cost estimate in the systems format or computer generated estimate may be submitted with the 35% submittal. Review the A&E Guide.

6. Fees and Options: (To be filled in at conclusion of negotiations on A&E contracts)

	<u>BASIC</u> <u>AWARD</u> <u>0-35%</u>	<u>35-100%/</u> <u>OPTION</u>	<u>OTHER</u> <u>OPTIONS</u>
Direct Design	_____	_____	_____
Engineering Services	_____	_____	_____
Travel and Subsistence	_____	_____	_____
Check Shop Drawings	_____	_____	_____
As Built Drawings	_____	_____	_____
Unit Cost Additional Soil Borings	_____	_____	_____
BASIC CONTRACT AMOUNT:	_____	_____	_____
TOTAL CONTRACT VALUE:	_____	_____	_____

7. Proposed Design Milestones: (Calendar days)

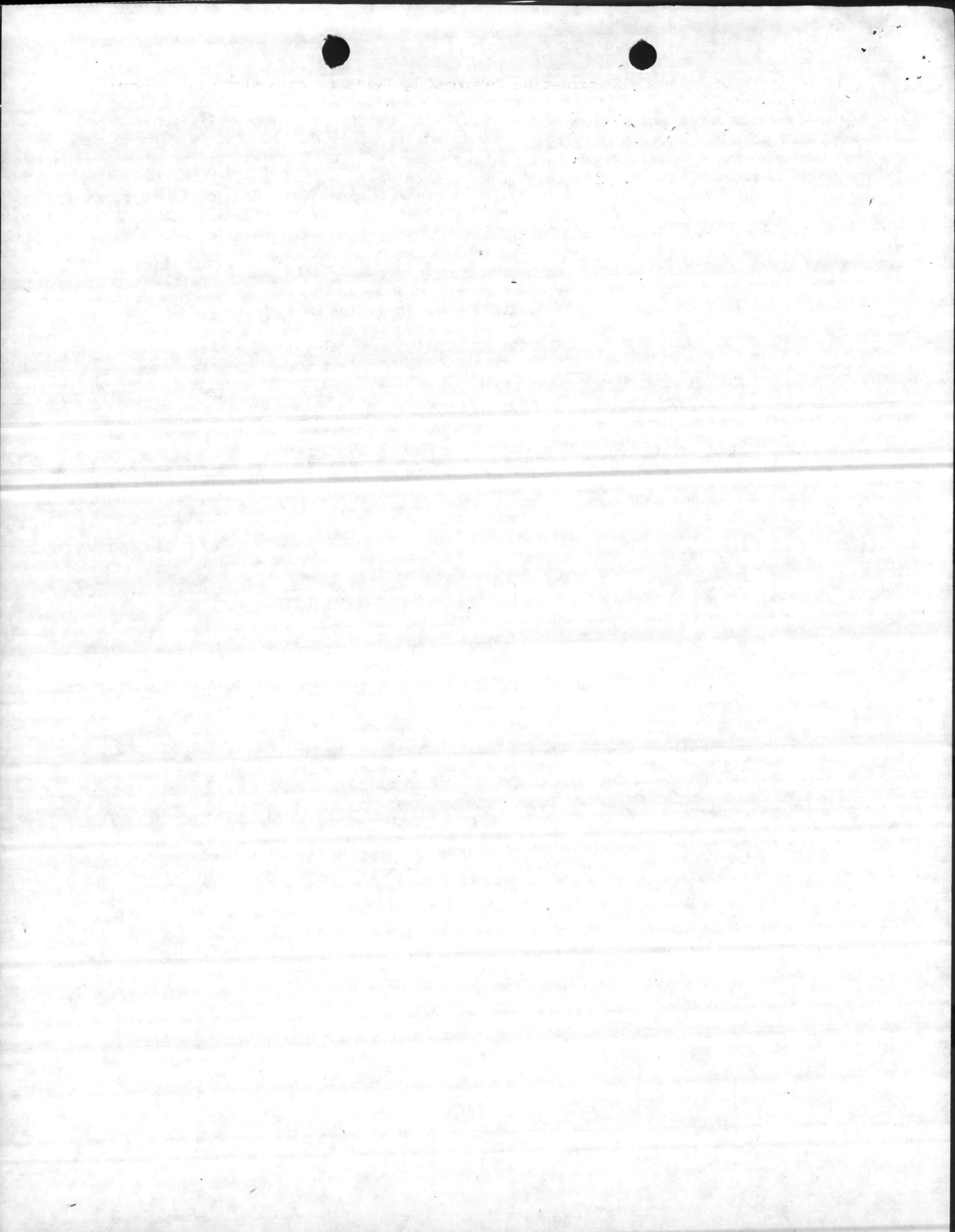
The designer of record shall begin work upon receipt of contract document and pursue the work diligently in accordance with the date schedule established therein. Your assessment of the schedule shall be provided monthly to the Project Manager.

	<u>CUMULATIVE</u> <u>NO. DAYS</u>	<u>GOVT REV</u>
A&E Award:	0	-
35%:	90	(45)
Prefinal:	255	(60)
Final (100%):	345	(30)
Advertise:	390	-
Award Construction Contract:	495	-

8. Scope Description: See attachments (a), (b), (c), and (d).

9. Site Approval Status: Site approved 22 September 1986 by Base Commander under MCO 1100.2C.

10. Project Environmental Assessment (PEA): PEA made and approved as of 26 September 1986. No environmental impact.



11. Intergovernmental Coordination Required by Designer with State or Federal Agencies Outside DOD: Erosion control plan submitted by A&E to State of North Carolina for approval.

12. Tentative Floor Plan Concept: See attachment (c).

Parking Requirement:

155 Operational Vehicles - High Mobility Multi-Wheeled Vehicles (HMMWV)
(30 of 155 may be deadlined)

X12 Vans (8' x 20')

117 POV (i.e. 38% of largest shift (307) per D.O.D. 4270 1M)

13. Special Building Systems:

~~Repairs needed outside~~
400

a. Power Distribution System(s): 440 Hz, 220 VAC, 28 VDC required in certain shop areas. 110 VAC throughout building. 400 Hz, 110 VAC required at outside van parking spaces.

b. MCON Funded Built-in Equipment: See attachment (e).

c. Compressed Air: In shop areas, 90 p.s.i.

d. Cranes and Hoists: 5-ton monorail hoist in Mobile Radio Repair and Radio Equipment Storage and Work Area.

e. Telephone/Telecommunication Systems: Conduit with pull-wire and backboard with 110 VAC. Provide 25-pair underground cable from existing riser point to new building.

f. Other: Equipment grounding system required in shops and at exterior of building. Certain shops require dust and static-free conditions.

14. System Safety and Hazard Analysis

a. Hazardous substances requiring consideration in design: Vehicles and generator equipment will be run in building.

b. Personnel safety measures required as part of facility design:

(1) Emergency shower and eyewash in Battery Shops.

(2) Handicap facilities are not required - no civilians will be working in the building.

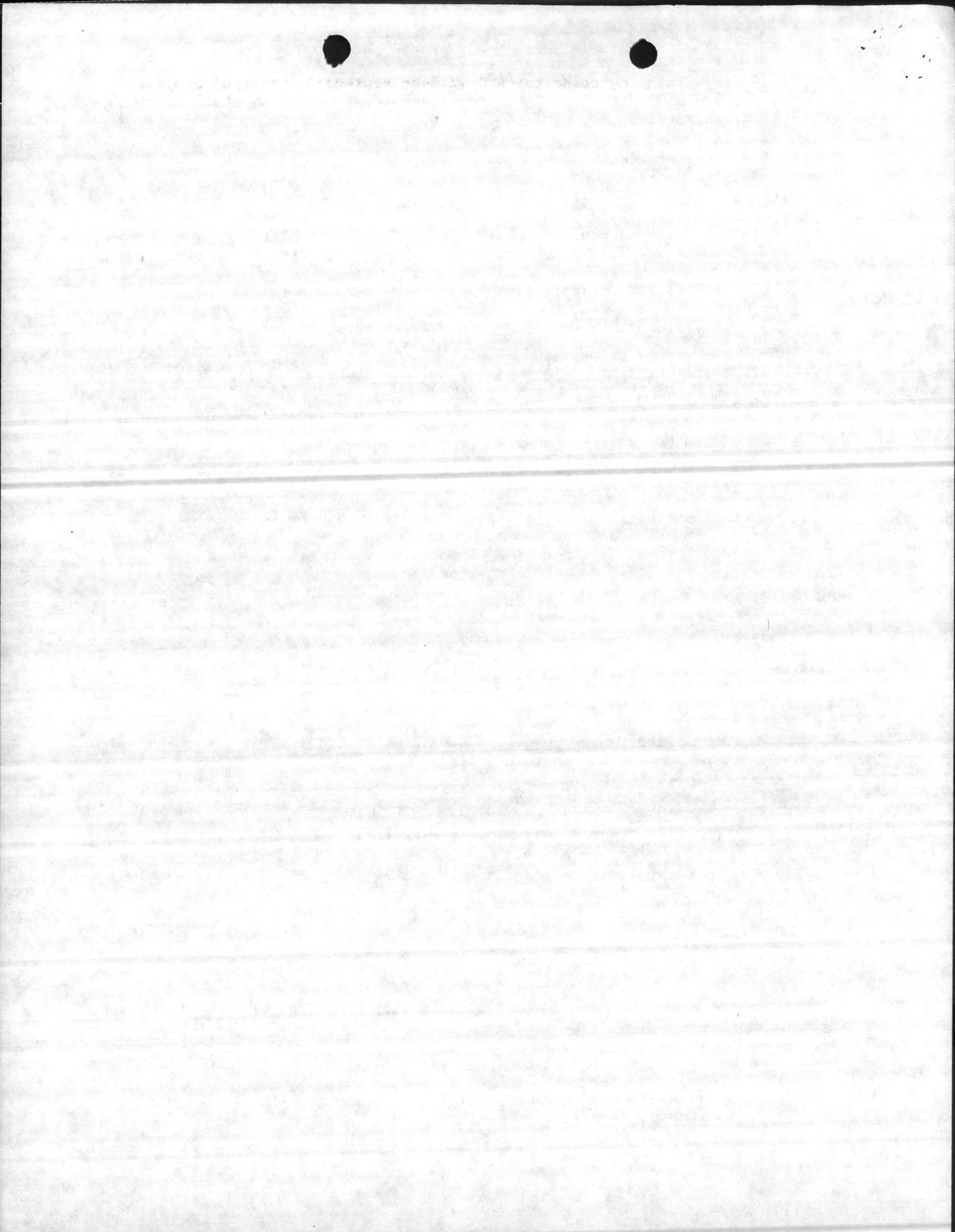
15. Demolition Proposed: Remove approximately 400 feet of existing railroad spur line located between proposed building and existing Building 1450.

16. Utilities:

a. Points of Connection Proposed: (Subject to designer verification)

Water: Existing 12" main along Louis Road., in front of project.

Sewer: Existing M. H. #1013L at intersection of Cedar Street and Franklin Street



Power: Existing power pole FC-32 near southeast corner of project.

Steam: Existing M. H. #1044 near north end of Building 1340
(approximately 550' from project).

Telephone: Existing telephone riser RP-2 across Louis Road from project.

Fire Alarm: Radio transmitted.

See attachment (b).

b. Restrictions on Utility Interruptions: No restrictions. A/E shall verify at 35% design stage with Mr. J. Johnson, Utilities Director, Marine Corps Base, Camp Lejeune, North Carolina, telephone 919-451-5161.

17. Construction Procurement Strategy

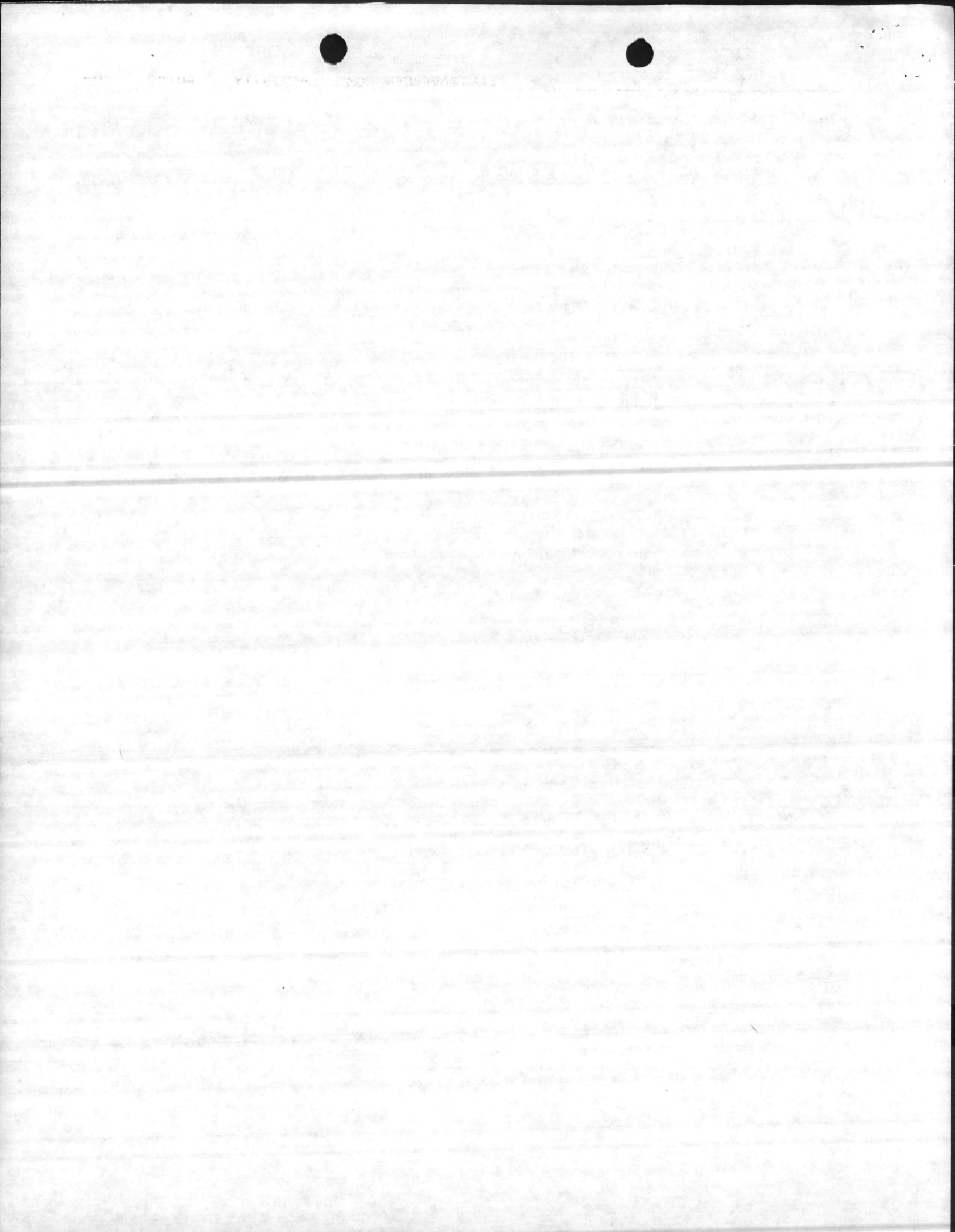
- a. Number of Construction Contracts: One (1)
- b. Proposed Construction Period: 18 Months
- c. Applicability of Standard Liquidated Damages: No deviation to standard
- d. Method of Procurement Proposed: Competitive Bid (Firm-Fixed-Price)
- e. Security Requirements of A&E Contract: None
- f. Security Requirements of Construction Contracts: None

18. Project Submittal Distribution:

	LANTNAVFACENCOM	ACTIVITY	ROICC	TMD
Preliminary (35%)				
Plans	3	3		1
Outline Specification	3			1
Cost Estimate	2	1		
Basis of Design	3	3		1
Geotechnical Data	2			
VE Package	TO VE TEAM ONLY			

Prefinal

Plans, Specifications	4	3	1	
Cost Estimate	4	1		
Interior Color/Finish Material	1			
Calculations, Environmental				
Permits	2			
All Marked Preliminary				
Submittal Data	1			



Final

Plans - Tracings	Original
Prints	2 sets
Specifications	Bond
	2 copies
Cost Estimate	2 copies
Calculations	1 copy
Field Notes, Reports, Studies, Permits	1 copy each
Interior Color/Finish Materials	1 set
All DMs furnished by LANTNAVFACENCOM	

MAILING ADDRESSES: DIRECT DISTRIBUTION TO EACH ADDRESSEE BY A&E IS REQUIRED

LANTNAVFACENCOM

Commander
Atlantic Division
Naval Facilities Engineering Command
Norfolk, Virginia 23511-6287

Attn: Code O9A2131, Ms. S. M. Gale, P. E.

ACTIVITY

Commanding General
Marine Corps Base
Camp Lejeune, North Carolina 28542-5201

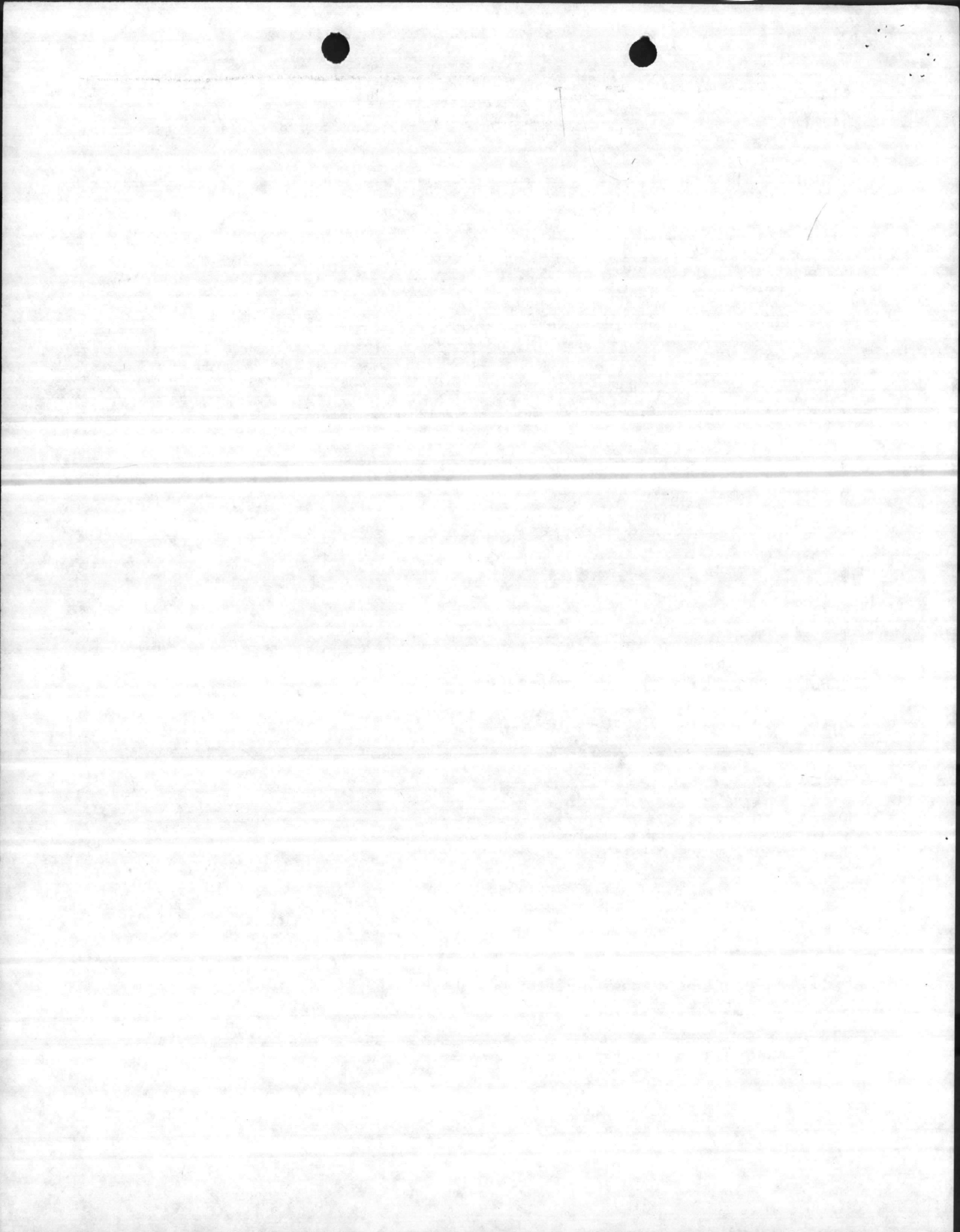
Attn: Public Works Office

ROICC

Officer in Charge of Construction
Resident Officer in Charge of Construction
Jacksonville North Carolina Area
Marine Corps Base
Camp Lejeune, North Carolina 28542-5000

TMD

Telecommunications Management Detachment East
138 East Little Creek Road, Suite 222
Norfolk, Virginia 23505-2551



1. COMPONENT NAVY	FY 19⁸⁹ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 3 NOV 1986
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3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	4. PROJECT TITLE ELEC/COMMUNICATIONS MAINTENANCE SHOP
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5. PROGRAM ELEMENT	6. CATEGORY CODE 217-10	7. PROJECT NUMBER P-229	8. PROJECT COST (\$000) 4,550
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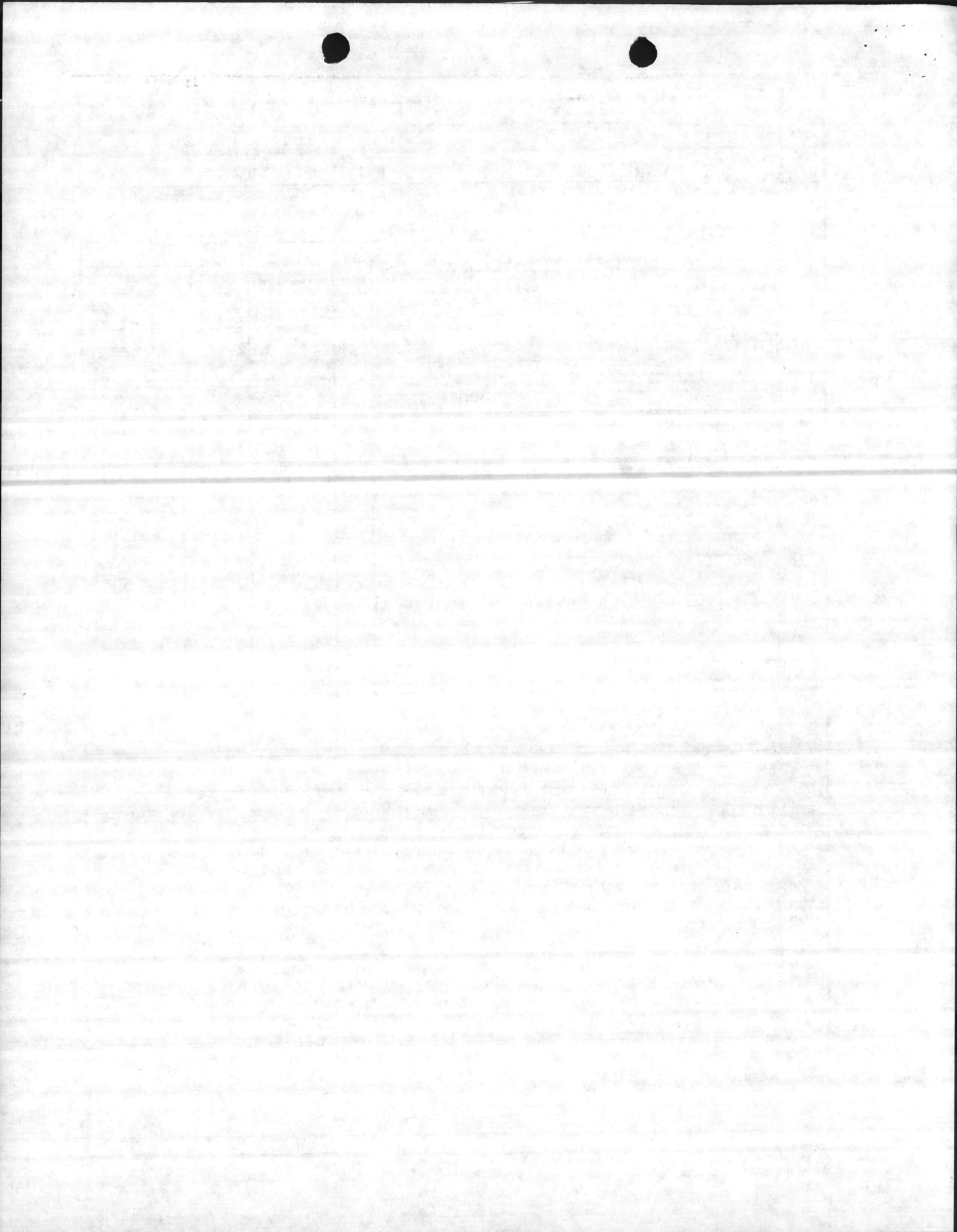
9. COST ESTIMATES						
Escalation 9%	ITEM	Escalation to 1 April 1989	U/M	QUANTITY	UNIT COST	COST (\$000)
	ELEC/COMM MAINTENANCE SHOP					
	Building		SF	44,520	73.41	3,268
	Built-In Equipment		SF	44,520	61.00	(2,716)
	Operation and Maintenance Support Info		LS	-	-	(490)
	SUPPORTING FACILITIES		LS	-	-	(62)
	Electrical Utilities		LS	-	-	840
	Mechanical Utilities		LS	-	-	(123)
	Paving and Sidewalks		SY	16,982	16.31	(243)
	Site Improvements		LS	-	-	(291)
	SUBTOTAL					(183)
	CONTINGENCY (5%)					4,108
	TOTAL CONTRACT COST					205
	SUPERVISION, INSPECTION AND OVERHEAD (5.5%)					4,313
	TOTAL REQUEST					237
	TOTAL REQUEST ROUNDED					4,550
	EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (Non-Add)					4,550
						141

10. DESCRIPTION OF PROPOSED CONSTRUCTION

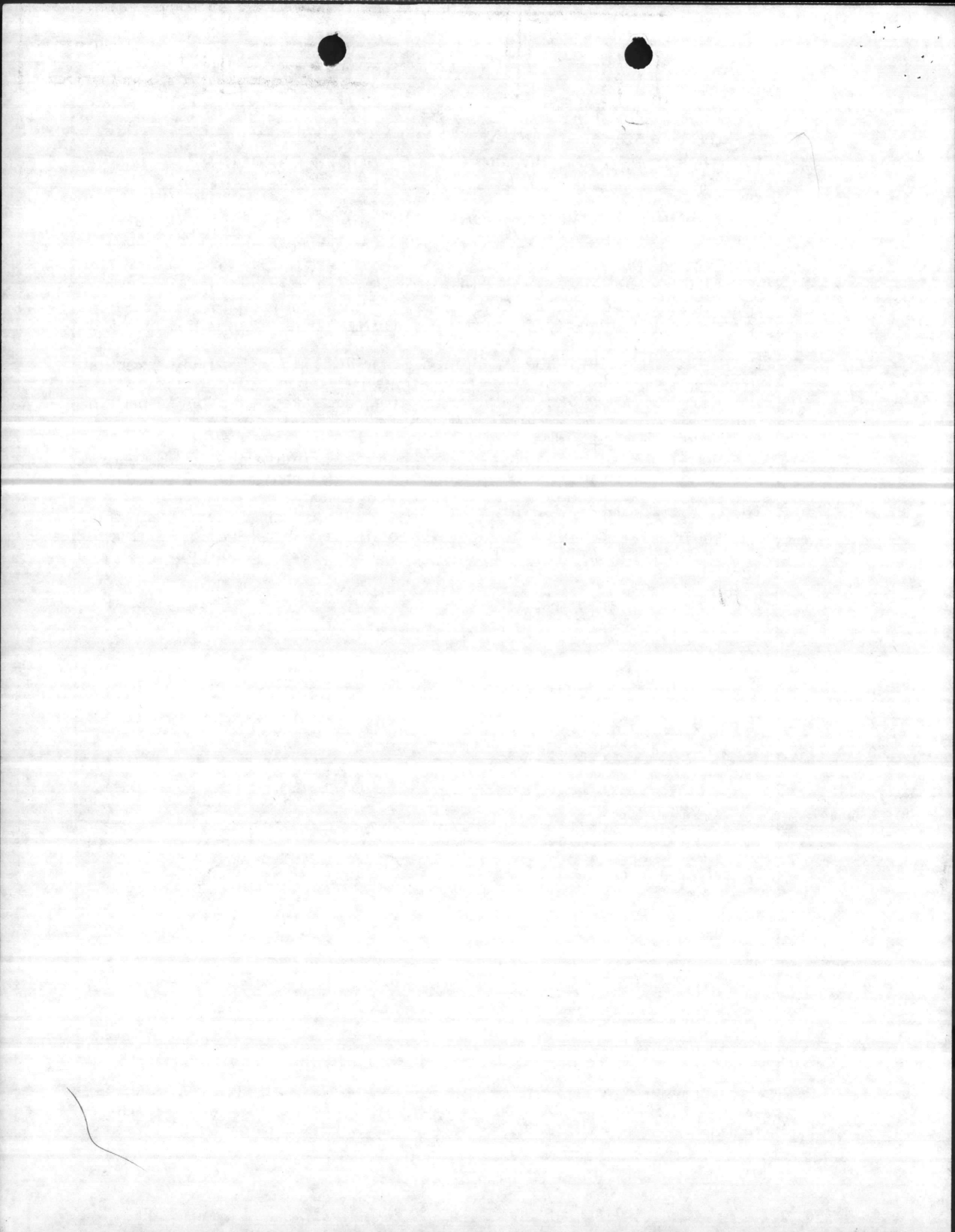
Construct a single-story masonry shop building with steel frame structure and shallow foundation. Function of building to include repair shops, storage areas, classrooms, men's and women's toilets, and office/admin areas. A 5-ton monorail hoist is included in the CMR/Metrological Shop. Office/admin areas, classrooms, Tech Shops, and Lithium Battery Storage Areas will be air-conditioned. Other areas will include heating and ventilating only. Engine exhaust systems will be included in vehicle drive-in shops. The entire building will have fire alarm and sprinkler systems. 400 H₂ power will be provided in certain Tech Shops and at exterior van parking locations. Equipment grounding system will be provided in all shops and at exterior van parking. Compressed air system will be provided in shop areas. Supporting facilities will include site improvements, security lighting and fencing, utility connections, bituminous paved parking, and concrete paved wash aprons.

(Air-conditioning 35 tons)

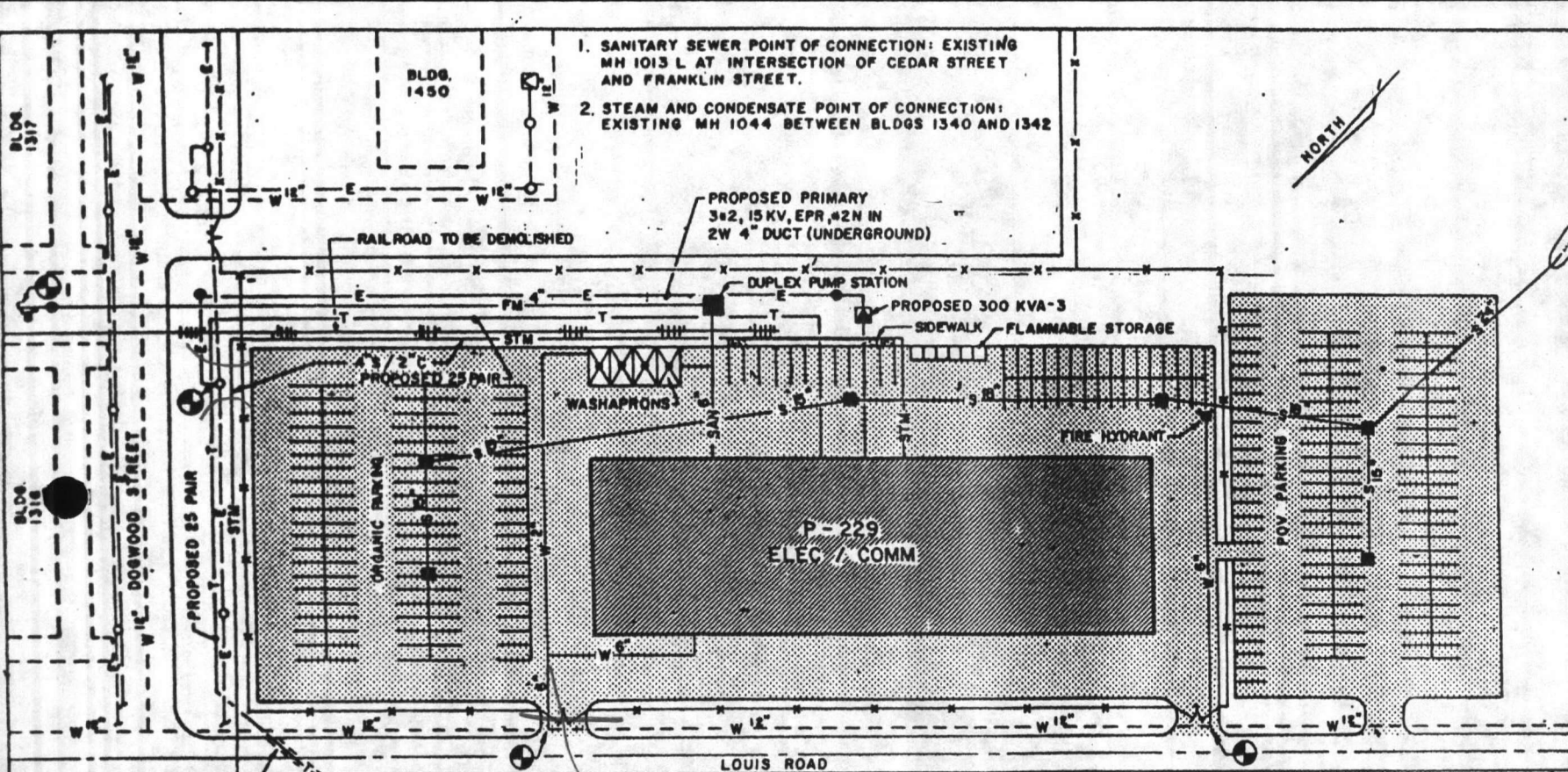
ATTACHMENT (a)



1. COMPONENT NAVY	FY 19 ⁸⁹ MILITARY CONSTRUCTION PROJECT DATA	2. DATE 3 NOV 1986
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA		
4. PROJECT TITLE ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP	5. PROJECT NUMBER P-229	
<p>11. REQUIREMENT: 185,913 S.F. ADEQUATE: 44,754 S.F. SUBSTANDARD: 121,410 S.F.</p> <p><u>PROJECT:</u> Construct an Electronics/Communications Maintenance Shop for Artillery Regiment, Support Bn, HQBN, Target Acquisition Battery (TAB), and Ordnance Bn.</p> <p><u>REQUIREMENT:</u> Provide maintenance facilities to effectively execute the prescribed electronics/communications maintenance program.</p> <p><u>CURRENT SITUATION:</u> Maintenance programs are being performed in substandard masonry-type WWII buildings and Butler-type metal buildings constructed in 1952 during the Korean Campaign. The facilities are inadequate as electronics/communications maintenance shops for use in the maintenance of the modern, sophisticated equipment in use today and cannot be economically rehabilitated.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The deadline time for electronic equipment and combat vehicles will be adversely affected, and the maintenance capability and combat readiness will continue to be impaired.</p>		



ATTACHMENT (b)



1. SANITARY SEWER POINT OF CONNECTION: EXISTING MH 1013 L AT INTERSECTION OF CEDAR STREET AND FRANKLIN STREET.
2. STEAM AND CONDENSATE POINT OF CONNECTION: EXISTING MH 1044 BETWEEN BLDGS 1340 AND 1342

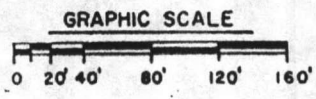


LEGEND

	EXIST OR UNDER CONST.		NEW
	ASPHALT PAV'MT.		NEW
	FENCE		NEW
	WATER LINE		NEW
	ELEC. LINE W/POWER POLE		NEW

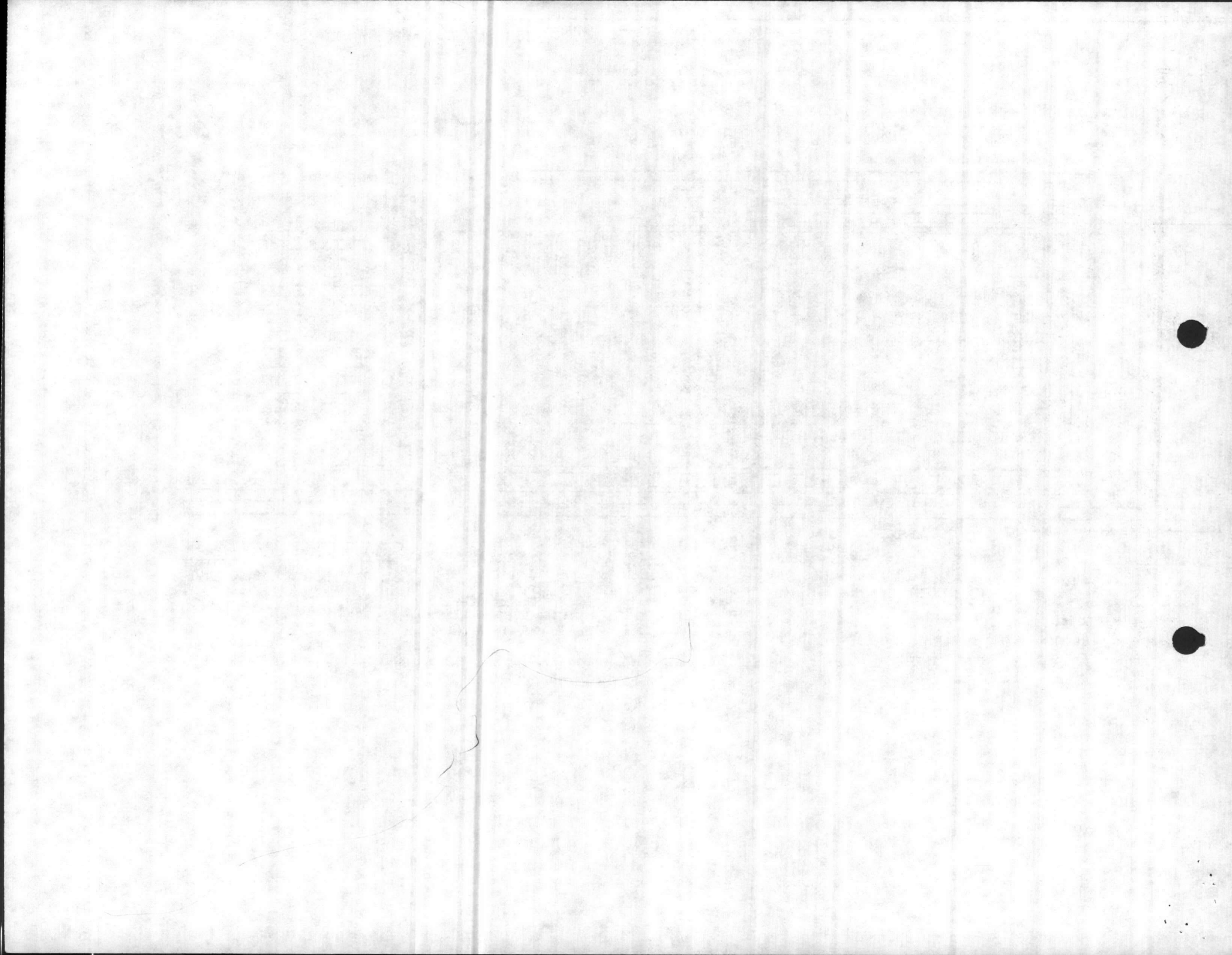
	EXIST OR UNDER CONSTR.
	NEW

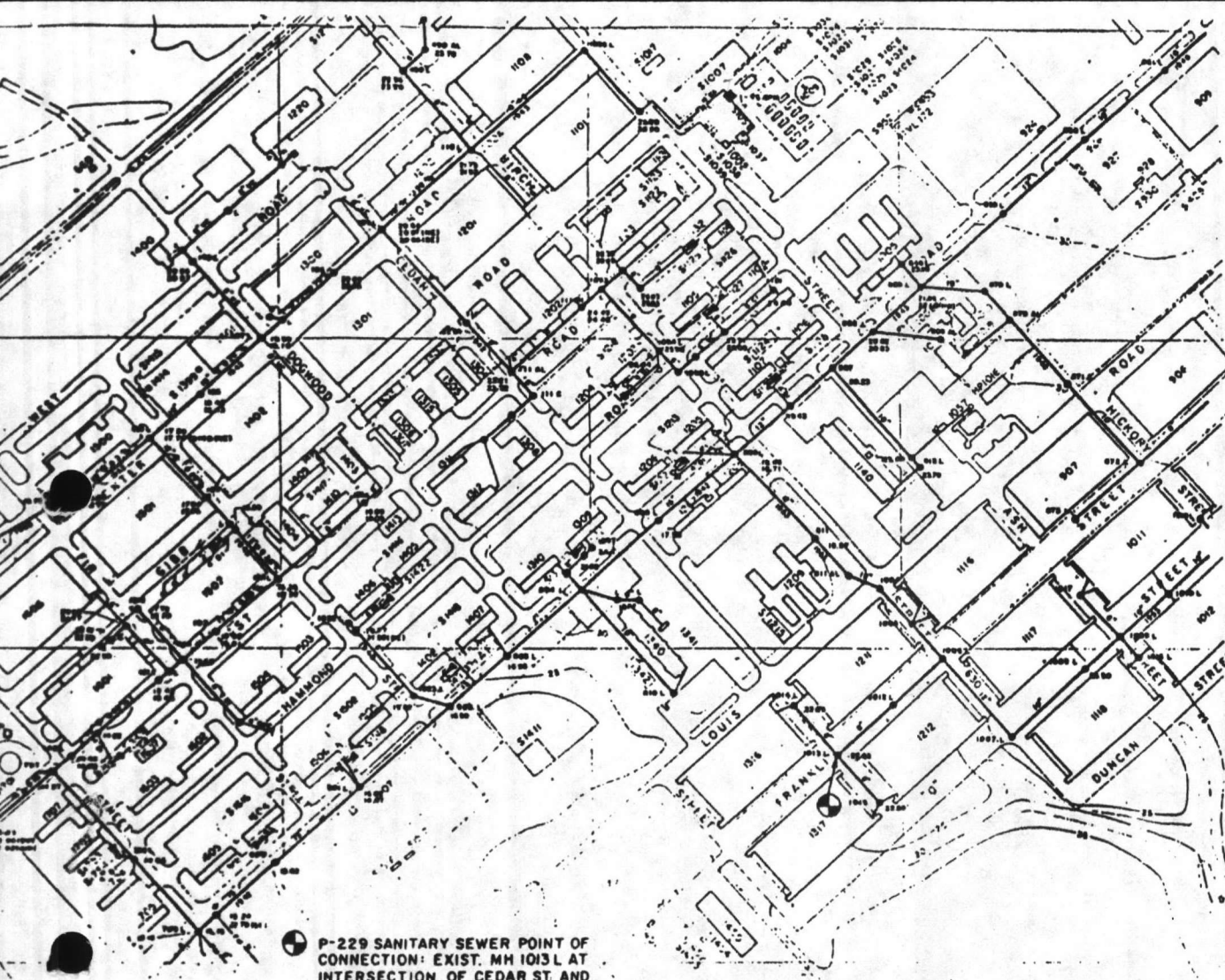
	STEAM LINE	STM
	TELE. LINE	T
	TRANSFORMER	T
	MANHOLE	M
	FORCE MAIN	FM
	STORM DRAIN W/CATCH BASIN	S
	TELE. RISER	TR
	POINT OF CONNECTION	PC



MCB, CAMP LEJEUNE N.C.
ELEC/COMM MAINTENANCE SHOP (P-229)
 OLSEN ASSOCIATES, INC.
 P.O. BOX 10666
 RALEIGH, N.C. 27605

*1527
1/28/55*



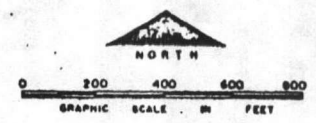


P-229 SANITARY SEWER POINT OF CONNECTION: EXIST. MH 1013L AT INTERSECTION OF CEDAR ST. AND FRANKLIN ST.

- SERVICE LINE
- FORCE MAIN
- SEWAGE PUMPING STATION
- JUNCTION BOX
- OIL/WATER SEPARATOR
- STORAGE TANK
- SEPTIC TANK

DATE: 11/7/95
 CHECKED BY: [Signature]
 AND APPROVED BY: [Signature]
 HARBOLD BARCLAY & ASSOCIATES, INC.
CAMP LEJEUNE

ALL GRAVITY SEWERS ARE TERNAL UNLESS NOTED OTHERWISE.



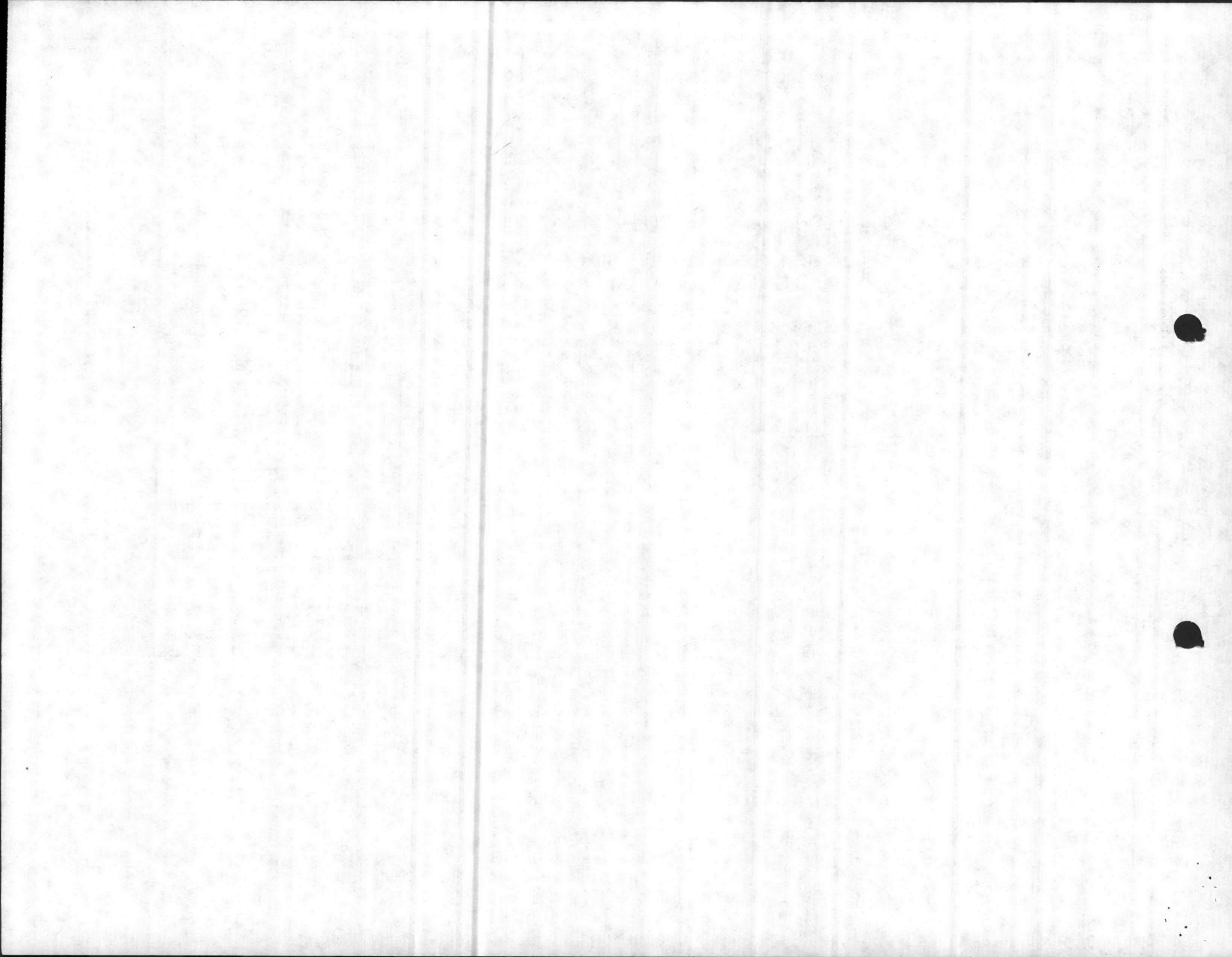
NO.	DESCRIPTION OF REVISION	DATE	INT.

DEPARTMENT OF THE NAVY
 MARINE CORPS BASE
 CAMP LEJEUNE, NORTH CAROLINA

WASTEWATER COLLECTION SYSTEM
 EXISTING CONDITIONS

DATE 31 JULY 84 SCALE GRAPHIC SHEET F-8 of 73

APPROVED / DATE



F229

3/10 (CYMS) Equipment List

2/2
2/27
2/32

TRUCKS

m 998 19 + 1 + 5 + 42

(67)

m 1008 5

m 923 66

m 105 32

m 149 7

m 49 1

m 936 2

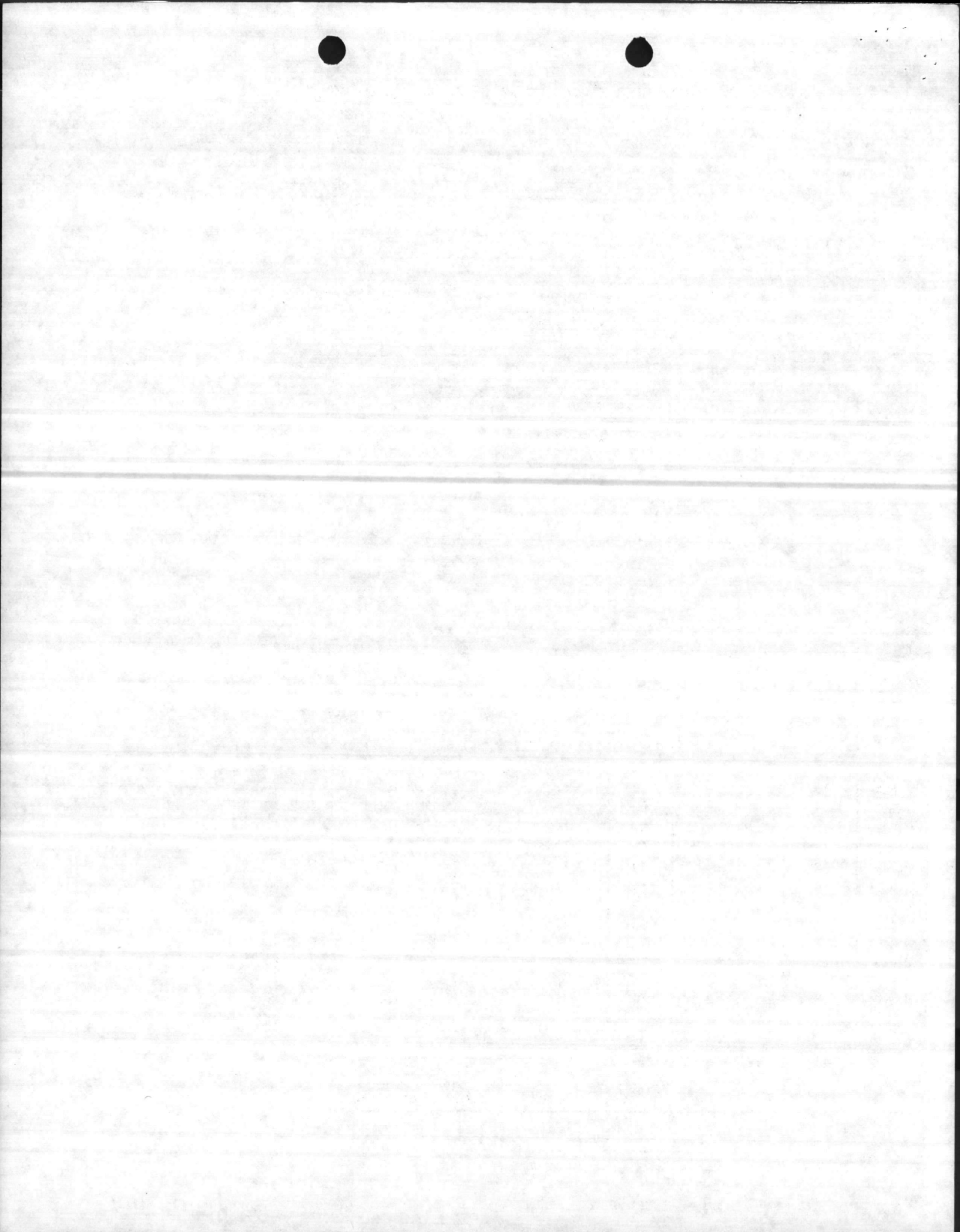
180

GUNS

m 198 16

m 114 A2 8

24



M 998, 1038, 1035

TM 9-2320-280-10

Table 1-8. Maximum Vehicle Operating Speeds

Transmission Range Selection	Transfer Case Range Selection		
	"L" Low Lock	"H" High	"H/L" High Lock
"R" (reverse)	11 mph (18 kph)	29 mph (47 kph)	11 mph (18 kph)
"D" (drive)	27 mph (43 kph)	55 mph (88 kph)	55 mph (88 kph)
"2" (second)	19 mph (31 kph)	48 mph (77 kph)	48 mph (77 kph)
"1" (first)	11 mph (18 kph)	29 mph (47 kph)	29 mph (47 kph)

Table 1-9. Vehicle Dimensions

Vehicle	Length Overall		Height Overall*		Height Minimum Reducible	
	Inches	Centimeters	Inches	Centimeters	Inches	Centimeters
M966	180	457	73 69**	180	71	180
M996	206	523	101	257	77	196
M997	202	513	100	254	100	254
M998	180	457	69	175	55	140
M1025	180	457	73 69**	180	71	180
M1026	185	470	73 69**	180	71	180
M1035	180	457	69	175	55	140
M1036	185	470	73 69**	180	71	180
M1037	180	457	69	175	55	140
M1038	185	470	69	175	55	140
M1042	185	470	69	175	55	140
M1043	180	457	73 69**	180	71	180
M1044	185	470	73 69**	180	71	180
M1045	180	457	73 69**	180	71	180
M1046	185	470	73 69**	180	71	180
	Width Overall		Ground Clearance			
Vehicle	Inches	Centimeters	Under Axle		Under Chassis	
			Inches	Centimeters	Inches	Centimeters
All	85	216	16	41	24	61

* Height covers basic vehicle only.

**Height when weapon station is removed. TA 265908

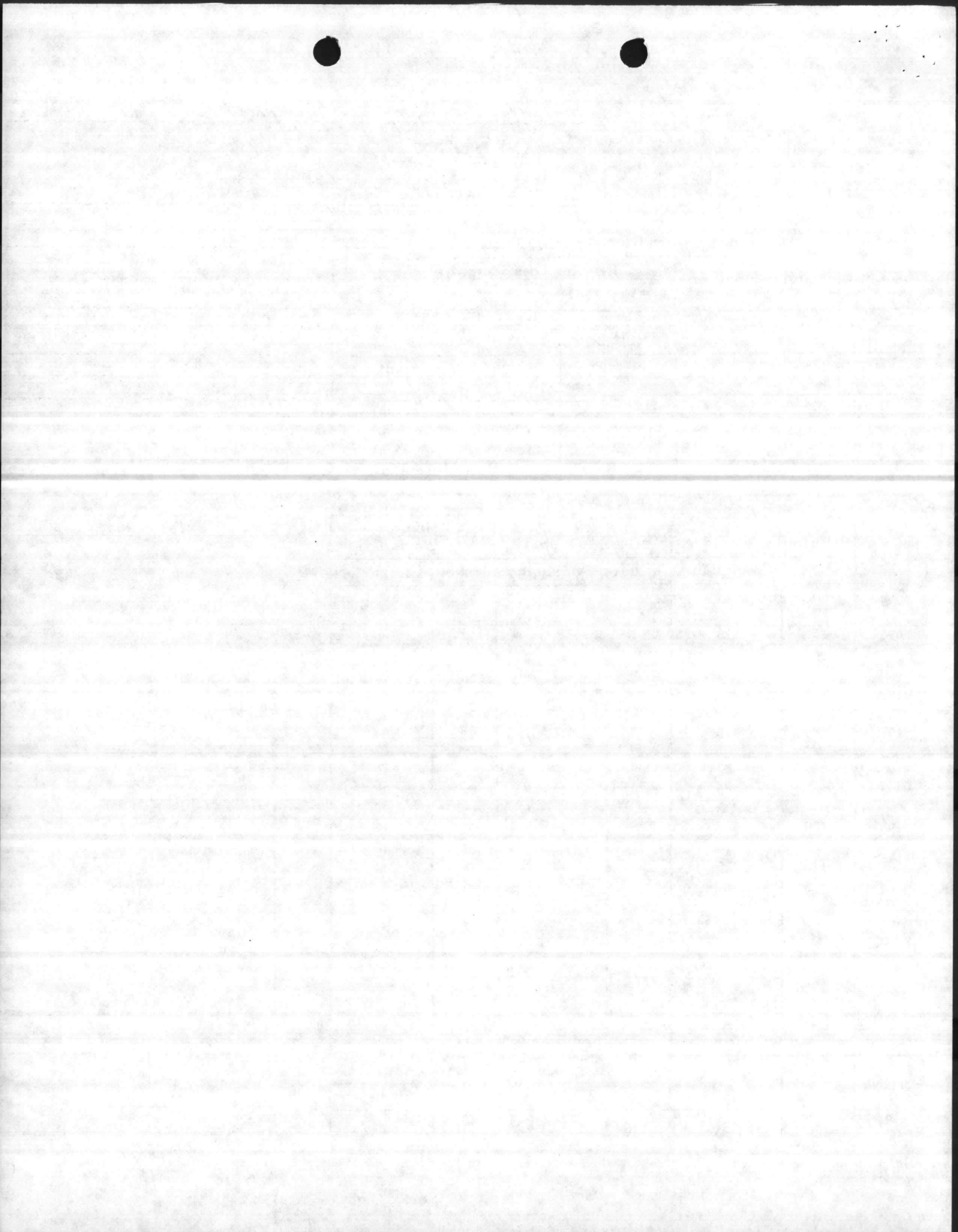
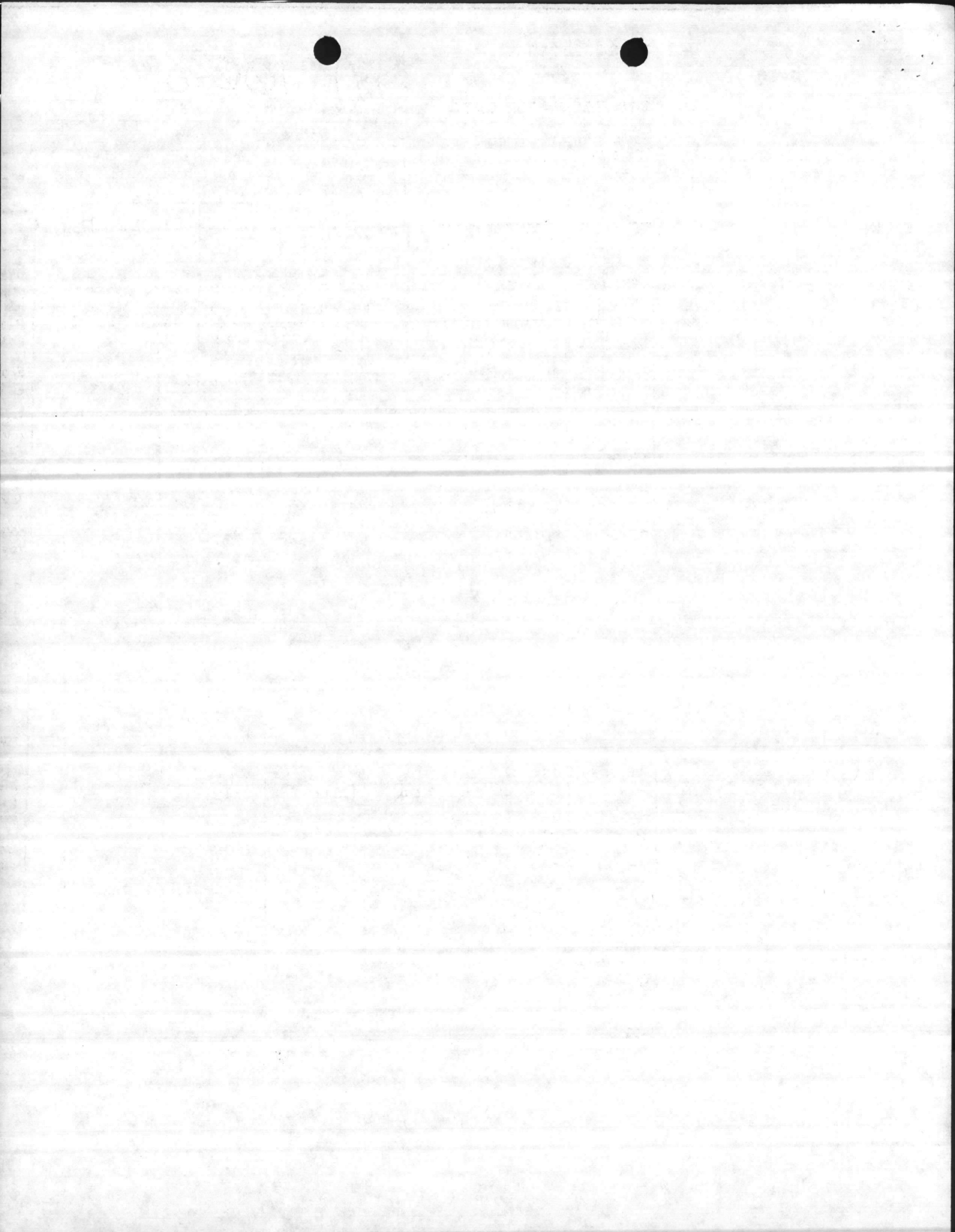


Table 1-10. Vehicle Cruising Range

NOTE		
When the vehicle is driven on hard surface and hilly terrain at a speed of 30-40 mph (48-64 kph), the ranges shown in this table can be expected.		
VEHICLES	GROSS VEHICLE WEIGHT (GVW)	CRUISING RANGE
M998, M1025, M1026, M1035, M1038, M1043, M1044	7500 lb (3405 kg)	350 mi. (563 km)
M966, M1036, M1045, M1046	7900 lb (3587 kg)	325 mi (523 km)
M996, M997, M1037, M1042	8600 lb (3904 kg)	300 mi (483 km)



m 1008

1-10. TABULATED DATA

Basic information you will need to know about the trucks is contained in Table 1-1.

Table 1-1. Tabulated Data

DATA	MODEL				
	M1008	M1009	M1010	M1028	M1031
Vehicle:					
Make	Chevrolet	Chevrolet	Chevrolet	Chevrolet	Chevrolet
Model	CK30903† E63	CK10516	CK30903† Y5B† Y50	CK30903† E35	CK30903† Y5R
Weights:					
Curb	5900 lb (2679 kg)	5200 lb (2361 kg)	7370 lb (3346 kg)	5800 lb (2633 kg)	5250 lb (2384 kg)
Payload/ Passen- gers	2900 lb (1317 kg)	1200 lb (545 kg)	2080 lb (944 kg)	3600 lb (1634 kg)	3950 lb (1793 kg)
GVW	8800 lb (3995 kg)	6400 lb (2906 kg)	9450 lb (4290 kg)	9400 lb (4268 kg)	9200 lb max (4177 kg)
GAWR (front)	4500 lb (2043 kg)	3600 lb (1634 kg)	4500 lb (2043 kg)	4500 lb (2043 kg)	4500 lb (2043 kg)
GAWR (rear)	7500 lb (3405 kg)	3750 lb (1703 kg)	7500 lb (3405 kg)	7500 lb (3405 kg)	7500 lb (3405 kg)
Vehicle:					
Wheel- base	131.5 in (334 cm)	106.5 in (271 cm)	131.5 in (334 cm)	131.5 in (334 cm)	131.5 in (334 cm)
Track (front)	67.8 in (172 cm)	68 in (173 cm)	67.8 in (172 cm)	67.8 in (172 cm)	67.8 in (172 cm)
Track (rear)	65.8 in (167 cm)	65 in (165 cm)	65.8 in (167 cm)	65.8 in (167 cm)	65.8 in (167 cm)
Ground Clearance (To T/C Skid Plate @ GVW)	10.7 in (27.2 cm)	9.6 in (24.4 cm)	10.5 in (26.7 cm)	10.5 in (26.7 cm)	10.5 in (26.7 cm)

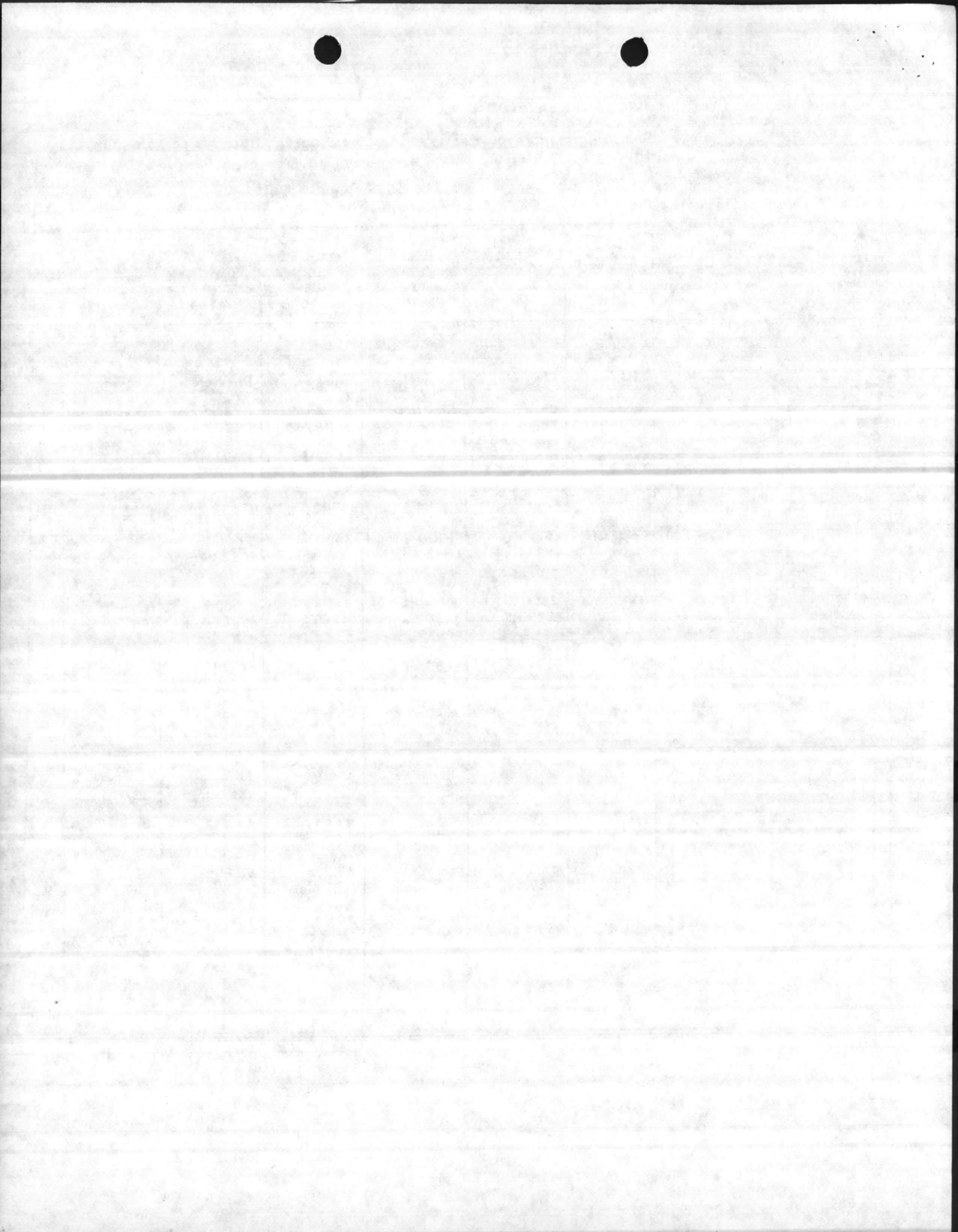
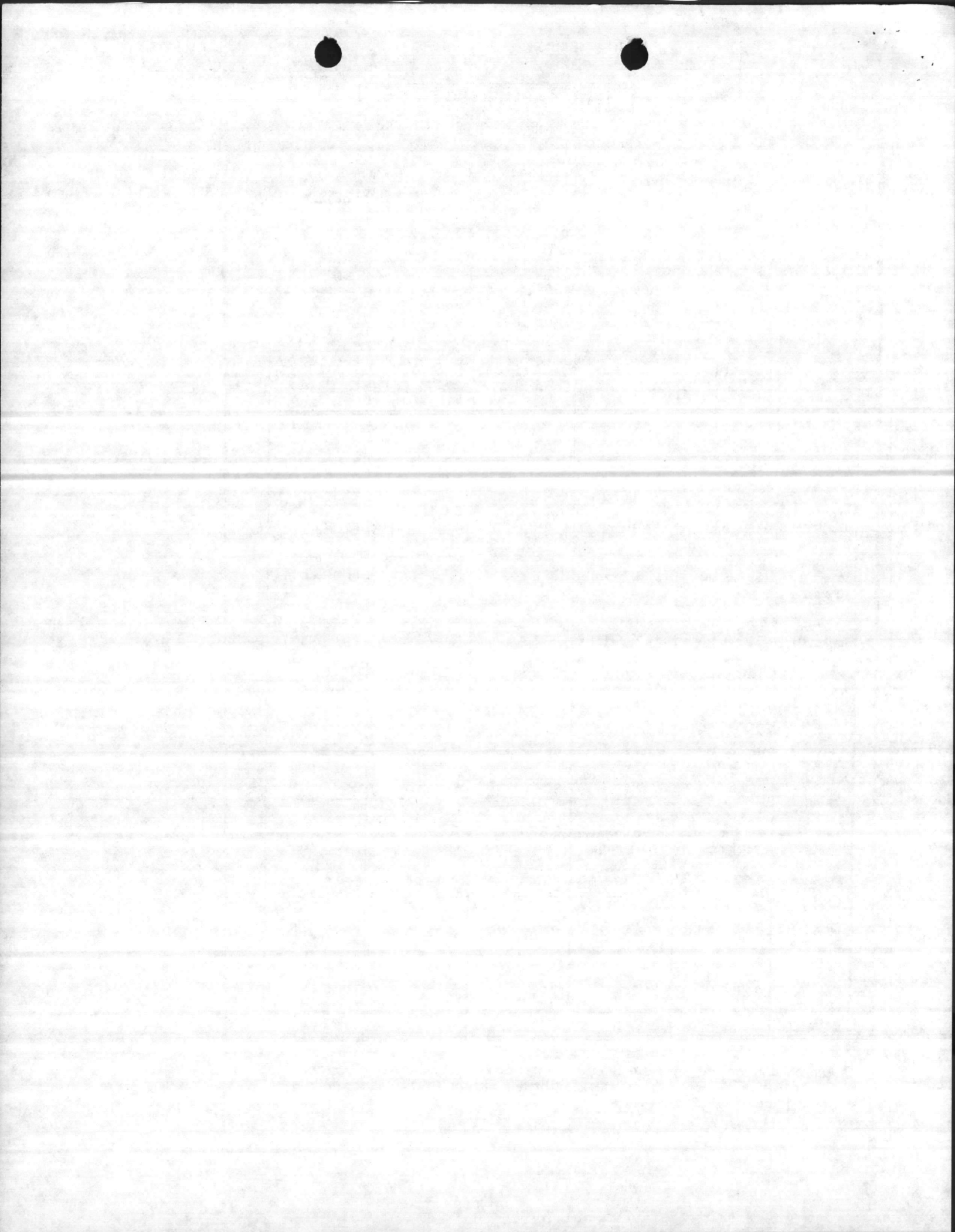


Table 1-1. Tabulated Data - Continued

DATA	MODEL				
	M1008	M1009	M1010	M1028	M1031
Vehicle: (Continued)					
Rear Axle @ GVW	7.8 in (19.8 cm)	8.2 in (20.8 cm)	7.7 in (19.6 cm)	7.7 in (19.6 cm)	7.7 in (19.6 cm)
Front Axle @ GVW	8.6 in (21.8 cm)	8.4 in (21.3 cm)	8.6 in (21.8 cm)	8.6 in (21.8 cm)	8.6 in (21.8 cm)
Height (overall) @ curb	75.9 in (192.8 cm)	74.9 in (190.2 cm)	101.6 in (258 cm)	*107.1 in (272 cm)	76.3 in (193.8 cm)
Length (overall)	220.7 in (560.6 cm)	191.8 in (487.1 cm)	227.7 in (578.4 cm)	220.7 in (560.6 cm)	212.9 in (504.8 cm)
Width (overall)	81.2 in (206.2 cm)	79.6 in (202 cm)	81.2 in (206.2 cm)	81.2 in (206.2 cm)	81.2 in (206.2 cm)
Engine:					
Type	V-type	V-type	V-type	V-type	V-type
No. of Cylinders	8	8	8	8	8
Bore	3.98 in (10.1 cm)	3.98 in (10.1 cm)	3.98 in (10.1 cm)	3.98 in (10.1 cm)	3.98 in (10.1 cm)
Stroke	3.82 in (9.7 cm)	3.82 in (9.7 cm)	3.82 in (9.7 cm)	3.82 in (9.7 cm)	3.82 in (9.7 cm)
Piston Displace- ment	379 cu in (6.2 L)	379 cu in (6.2 L)	379 cu in (6.2 L)	379 cu in (6.2 L)	379 cu in (6.2 L)
Compression Ratio	21.5:1	21.5:1	21.5:1	21.5:1	21.5:1

* Approximate height with the S-250 shelter is 70-7/16 inches (179 cm). Final calculations are incomplete. Height will vary with different shelters and loading.



M 923, 925

1-12. TABULATED DATA

a. General. This paragraph organizes vehicle specifications, special equipment, and model differences in table form for easy reference by operators.

b. Specifications.

1. Vehicle Dimensions. See table 1-1.
2. Weights. See table 1-2.
3. Chassis Dimensions. See table 1-3.
4. Shipping Dimensions. See table 1-4.
5. Capacities for Normal Operating Conditions. See table 1-5.
6. General Service Data. See table 1-6.
7. Tire Inflation Data. See table 1-7.
8. Engine and Cooling System Data. See table 1-8.
9. Automatic Transmission Data. See table 1-9.
10. Winch and Crane Data. See table 1-10.
11. Differences Between Models. See table 1-11.

Table 1-1. Vehicle Dimensions

Vehicle	Length Overall		Height Overall		Height Minimum Reducible	
	Inches	Centimeters	Inches	Centimeters	Inches	Centimeters
M923	307.4	780.8	116.0	294.6	91.2	231.6
M924	307.4	780.8	116.0	294.6	91.2	231.6
M925	329.1	835.9	116.0	294.6	91.2	231.6
M926	328.9	835.4	116.0	294.6	91.2	231.6
M927	383.4	973.8	116.0	294.6	91.2	231.6
M928	404.9	1028.4	116.0	294.6	91.2	231.6
M929	273.0	693.4	117.5	298.4	117.5	298.4
M930	294.5	748.0	117.5	298.4	117.5	298.4
M931	272.6	692.4	111.8	284.1	91.2	231.6
M932	286.0	726.4	111.8	284.1	91.2	231.6
M934	365.0	927.1	136.5	346.7	136.5	346.7
M935	371.0	942.3	136.5	346.7	136.5	346.7
M936	362.2	920.0	106.0	269.2	106.0	269.2
Width Overall			Ground Clearance			
Vehicle	Width Overall		Under Axle		Under Chassis	
	Inches	Centimeters	Inches	Centimeters	Inches	Centimeters
All	98.0	248.9	11.5	29.2	10.5	26.7

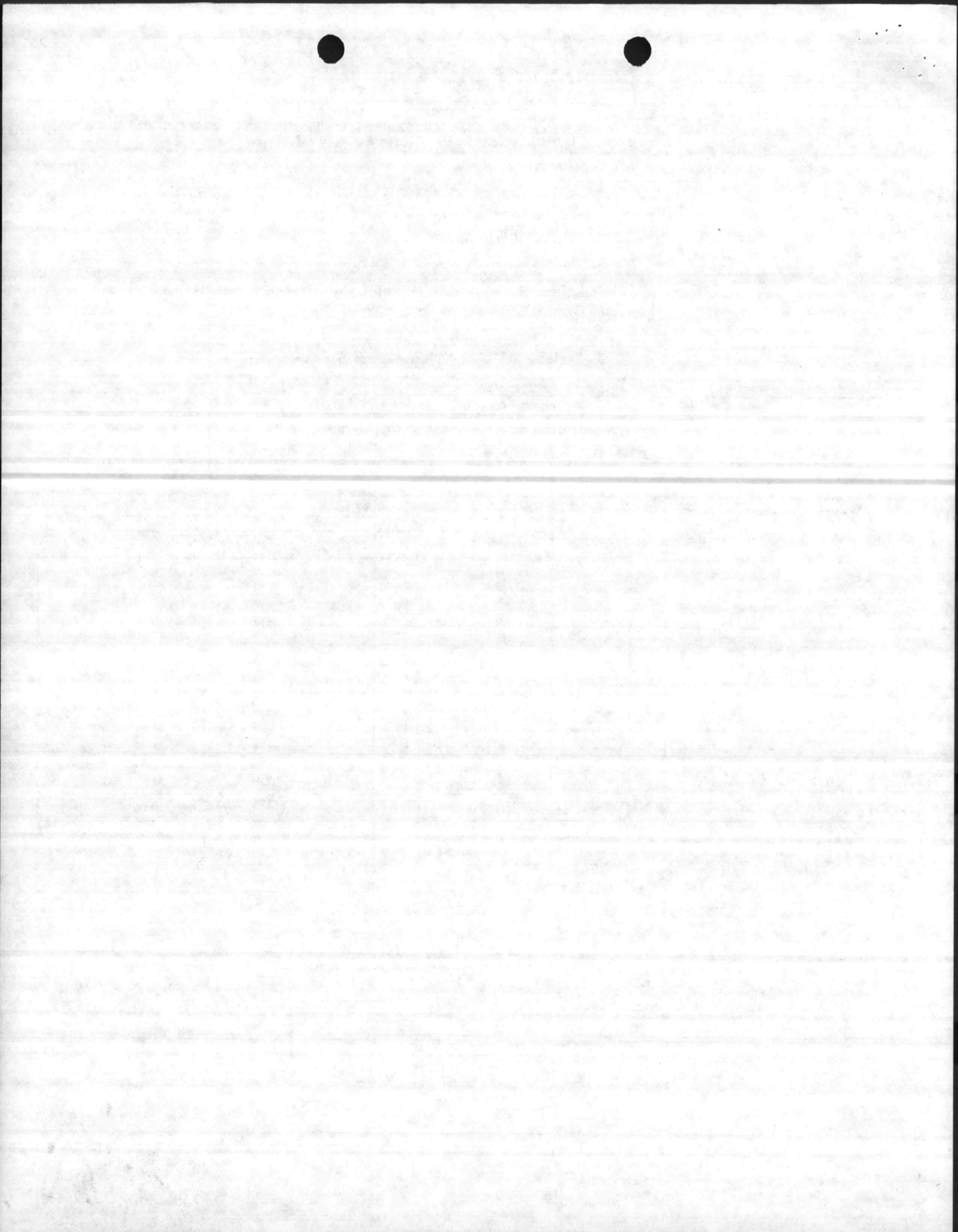


Table 1-2. Weights

Vehicle	Empty		Maximum Payload			
			Highway		Cross-Country	
	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms
M923	21,600	9,806	20,000	9,080	10,000	4,540
M924	23,337	10,595	20,000	9,080	10,000	4,540
M925	22,360	10,151	20,000	9,080	10,000	4,540
M926	24,060	10,923	20,000	9,080	10,000	4,540
M927	27,749	12,598	20,000	9,080	10,000	4,540
M928	27,811	12,626	20,000	9,080	10,000	4,540
M929	25,888	11,753	20,000	9,080	10,000	4,540
M930	26,624	12,087	20,000	9,080	10,000	4,540
M931	22,089	10,028	25,000*	11,350*	15,000*	6,810*
M932	22,841	10,370	25,000*	11,350*	15,000*	6,810*
M934	29,946	13,595	15,000	6,810	5,000	2,270
M935	31,851	14,460	15,000	6,810	5,000	2,270
M936	39,334	17,858	12,000**	5,448**	7,000**	3,178**

Vehicle	Maximum Towed Load (Pintle)			
	Highway		Cross-Country	
	Pounds	Kilograms	Pounds	Kilograms
M923	30,000	13,620	15,000	6,810
M924	30,000	13,620	15,000	6,810
M925	30,000	13,620	15,000	6,810
M926	30,000	13,620	15,000	6,810
M927	30,000	13,620	15,000	6,810
M928	30,000	13,620	15,000	6,810
M929	30,000	13,620	15,000	6,810
M930	30,000	13,620	15,000	6,810
M931	30,000	13,620	15,000	6,810
M932	30,000	13,620	15,000	6,810
M934	30,000	13,620	15,000	6,810
M935	30,000	13,620	15,000	6,810
M936	30,000	13,620	20,000	9,080

Vehicle	Maximum Towed Load (Fifth Wheel)			
	Highway		Cross-Country	
	Pounds	Kilograms	Pounds	Kilograms
M931	55,000	24,970	37,500	17,025
M932	55,000	24,970	37,500	17,025

*Payload weight on fifth wheel.

**On crane w/boom shipper braced and secured.

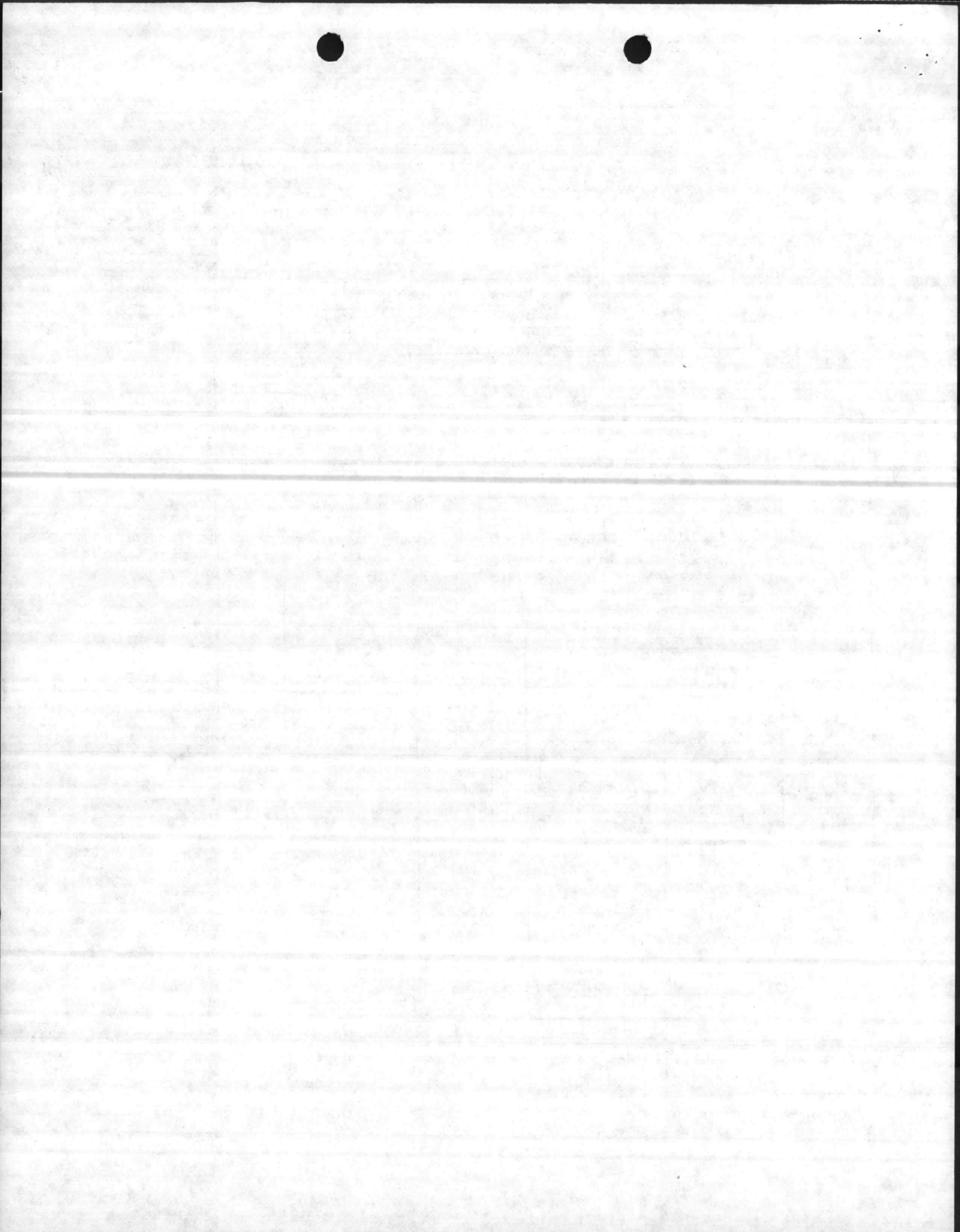


Table 1-3. Chassis Dimensions

Vehicle	Wheelbase		Chassis Length	
	Inches	Centimeters	Inches	Centimeters
M923	179	454.7	307.5	781.0
M924	179	454.7	304.7	773.9
M925	179	454.7	326.5	829.3
M926	179	454.7	326.5	829.3
M927	215	546.1	380.9	967.4
M928	215	546.1	402.3	1,021.8
M929	167	424.2	256.9	652.5
M930	167	424.2	278.4	707.1
M931	167	424.2	265.0	673.1
M932	167	424.2	278.4	707.1
M934	215	546.1	360.0	914.4
M935	215	546.1	360.0	914.4
M936	179	454.7	322.7	819.6

Vehicle	Angle (Degrees) of		Turning Radius	
	Approach	Departure	Feet/Inches	Meters
M923	46°	37°	38'0"	11.6
M924	46°	37°	38'0"	11.6
M925	31°	37°	39'0"	11.9
M926	31°	37°	39'0"	11.9
M927	46°	22.5°	45'2"	13.8
M928	31°	22.5°	46'2"	14.1
M929	46°	60°	35'6"	10.9
M930	31°	60°	36'6"	11.2
M931	46°	68°	35'6"	10.9
M932	31°	63°	36'6"	11.2
M934	46°	24°	45'2"	13.8
M935	46°	24°	45'2"	13.8
M936	31°	37°	39'0"	11.9

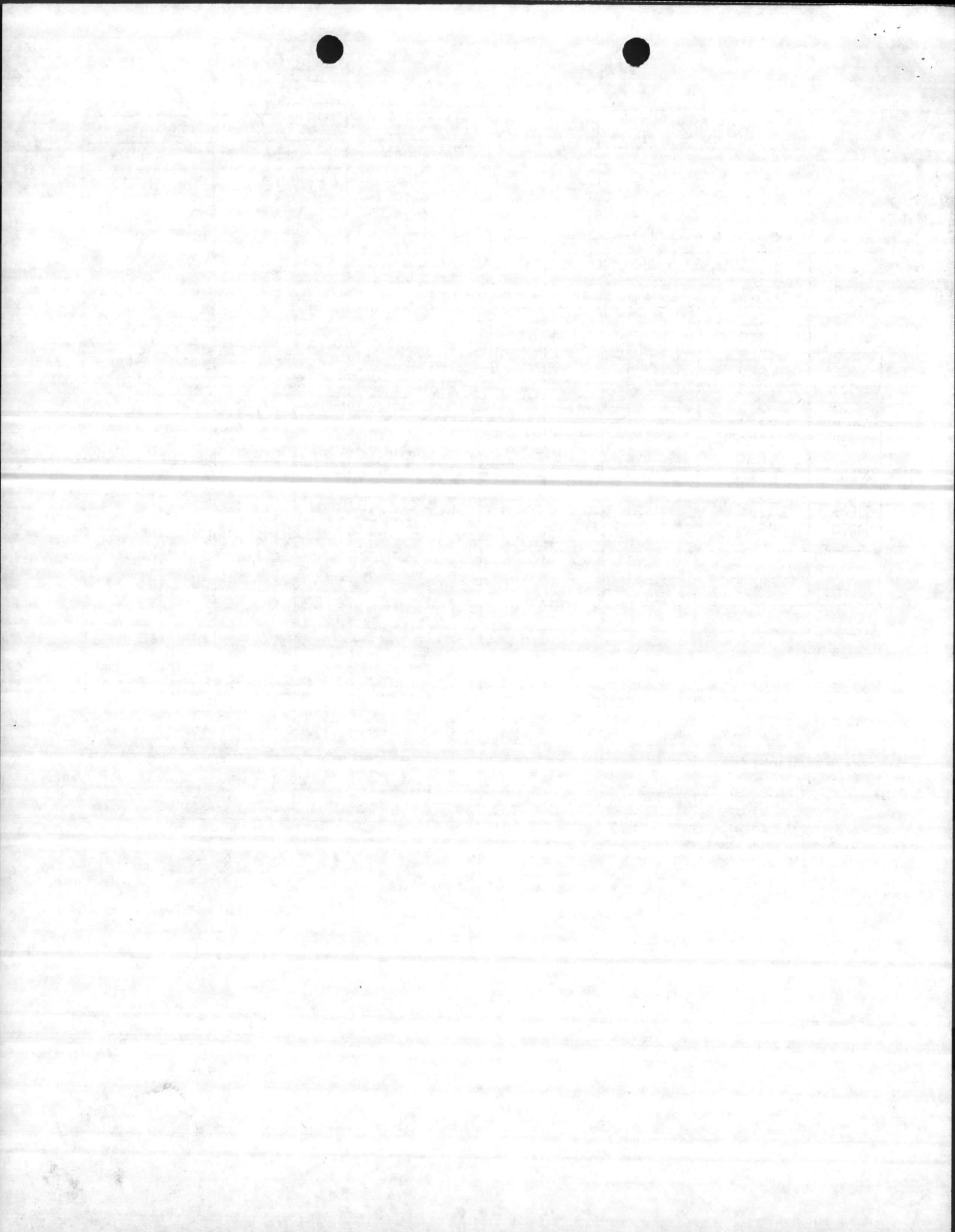
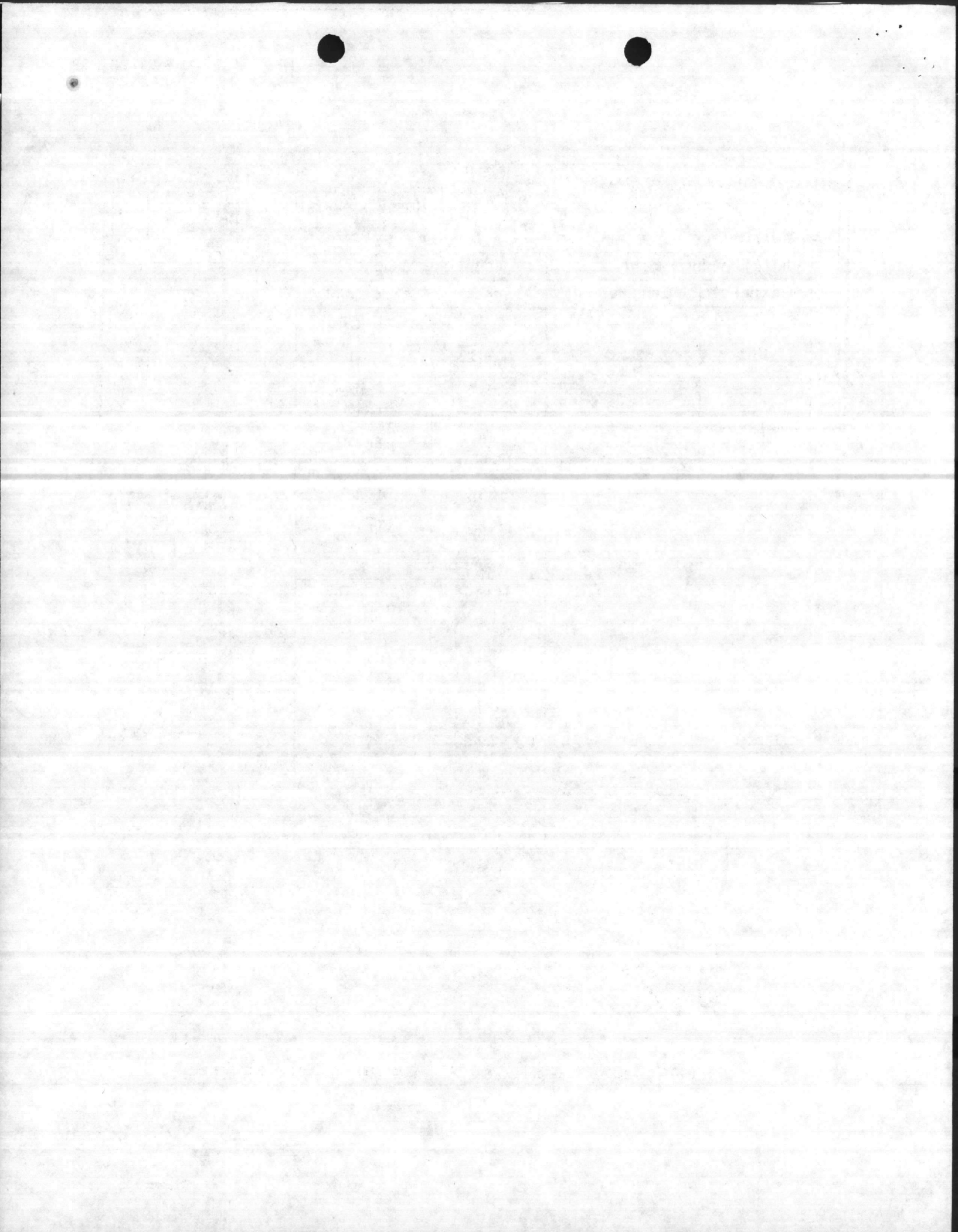


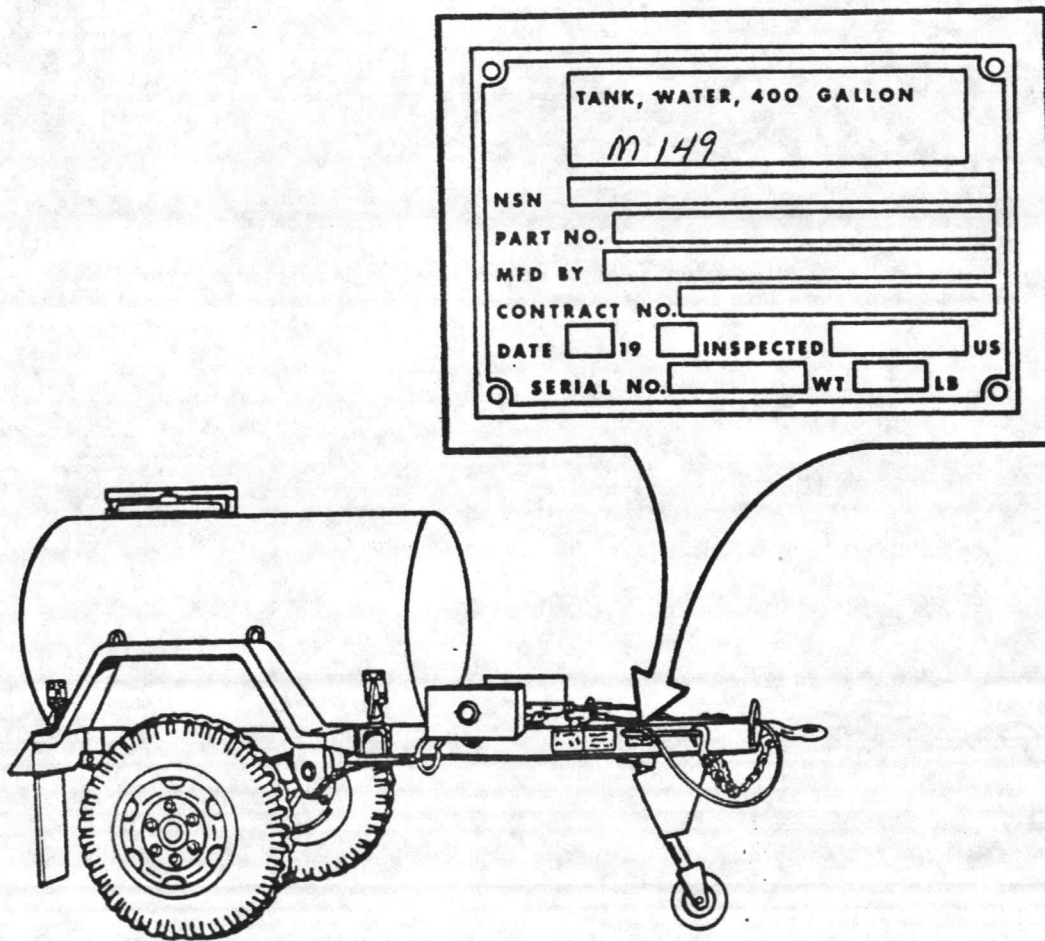
Table 1-4. Shipping Dimensions

Vehicle	Shipping Height		Shipping Weight	
	Inches	Centimeters	Pounds	Kilograms
M923	91.2	231.6	22,878	10,386
M924	91.2	231.6	22,858	10,377
M925	91.2	231.6	23,603	10,715
M926	91.2	231.6	23,538	10,706
M927	91.2	231.6	26,607	12,079
M928	91.2	231.6	27,331	12,408
M929	117.5	298.4	25,136	11,411
M930	117.5	298.4	25,861	11,740
M931	91.2	231.6	21,353	9,694
M932	91.2	231.6	22,079	10,023
M934	136.5	346.7	29,437	13,364
M935	136.5	346.7	31,345	14,230
M936	106.0	269.2	38,466	17,463
Vehicle	Shipping Cubage		Shipping Tonnage	
	Cubic Ft.	Cubic Meters	Tons	Metric Tons
M923	1,591.0	44.5	11.4	10.3
M924	1,591.0	44.5	11.4	10.3
M925	1,690.0	47.3	11.8	10.7
M926	1,656.0	46.3	11.8	10.7
M927	1,971.0	55.1	13.3	12.1
M928	2,082.0	58.2	13.6	12.3
M929	1,819.0	50.9	12.5	11.4
M930	1,962.0	54.9	12.9	11.7
M931	1,371.0	38.3	10.7	9.7
M932	1,480.0	41.4	11.0	10.0
M934	2,780.0	77.8	14.7	13.3
M935	2,906.0	81.4	15.7	14.2
M936	2,135.0	59.7	19.2	17.4

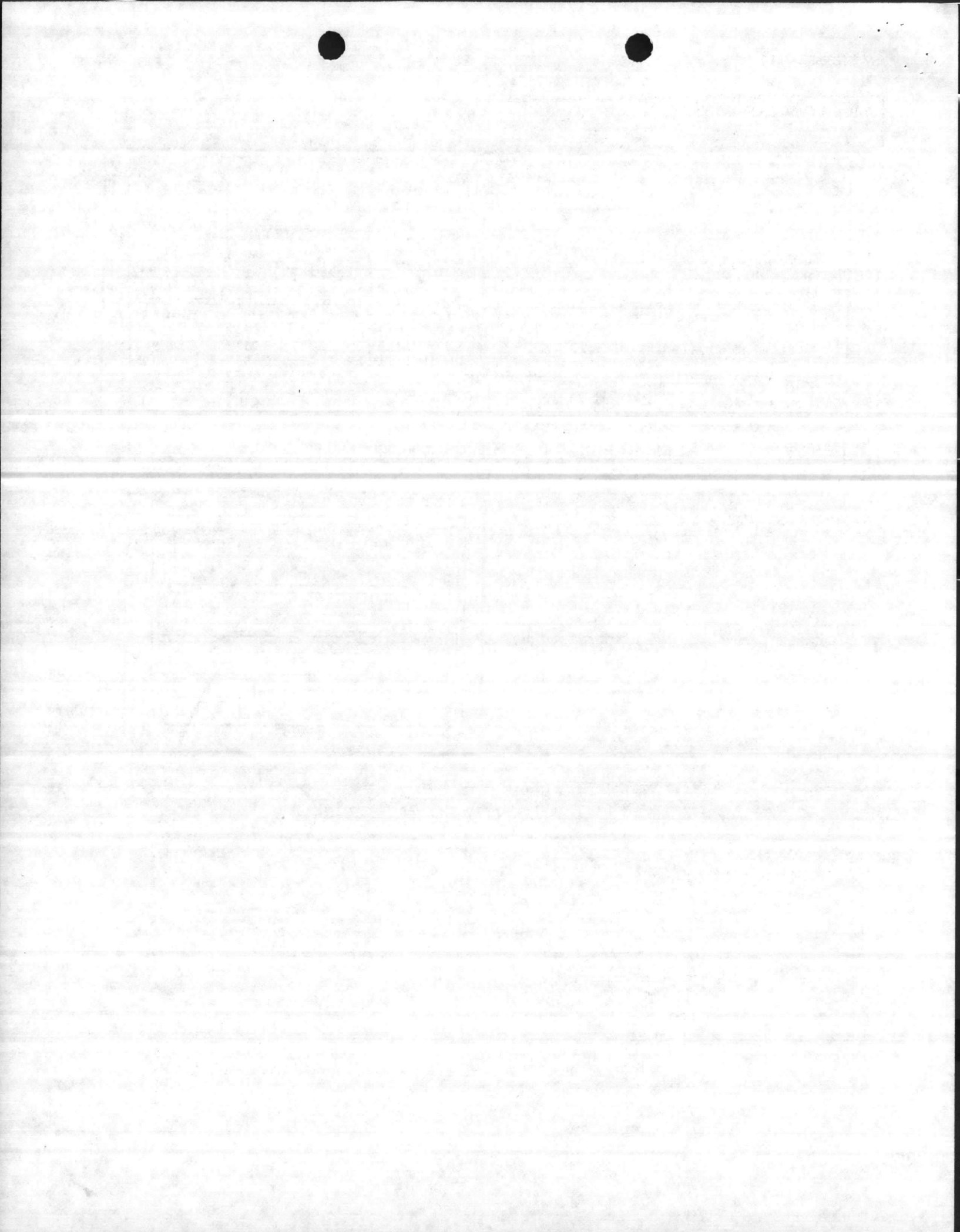


<p>TRAILER, TANK, WATER, 400 GAL., 2 WHEEL M625 FEDERAL STOCK NO. 2330-782-6059 MILITARY PART NO. 8736715 MANUFACTURED BY <input style="width: 100px;" type="text"/> MANUFACTURER'S SERIAL NO. <input style="width: 100px;" type="text"/> MFG. MODEL NO. <input style="width: 100px;" type="text"/> CONTRACT NO. <input style="width: 100px;" type="text"/></p>	<p style="text-align: center;">WEIGHT AND DIMENSION DATA</p>															
<p style="text-align: center;">PUBLICATIONS</p> <p style="text-align: center;">TECHNICAL MANUAL TM 9-2330-267-14</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">WEIGHTS</th> <th colspan="2" style="text-align: center;">EMPTY CROSSCOUNTRY HIGHWAY</th> </tr> </thead> <tbody> <tr> <td>PAYLOAD</td> <td style="text-align: center;">3332</td> <td style="text-align: center;">3332</td> </tr> <tr> <td>ON WHEELS</td> <td style="text-align: center;">2355</td> <td style="text-align: center;">5687</td> </tr> <tr> <td>ON FRONT GEAR</td> <td style="text-align: center;">355</td> <td style="text-align: center;">355</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: center;">2710</td> <td style="text-align: center;">6042</td> </tr> </tbody> </table>	WEIGHTS	EMPTY CROSSCOUNTRY HIGHWAY		PAYLOAD	3332	3332	ON WHEELS	2355	5687	ON FRONT GEAR	355	355	TOTAL	2710	6042
WEIGHTS	EMPTY CROSSCOUNTRY HIGHWAY															
PAYLOAD	3332	3332														
ON WHEELS	2355	5687														
ON FRONT GEAR	355	355														
TOTAL	2710	6042														
<p>DELIVERY DATE <input style="width: 50px;" type="text"/> INSPECTION <input style="width: 50px;" type="text"/></p>	<p style="text-align: center;">SHIPPING CUBAGE - 608 CU. FT.</p>															

M625 TRAILER PLATE (Located on right side of frame)



M149A1 AND M149A2 TANK PLATE (Located on right side of frame)



1-9. LOCATION AND DESCRIPTION OF MAJOR COMPONENTS (cont.)

b. Data Plates.

TRAILER, TANK, WATER, 400 GAL, 2 WHEEL M149 FEDERAL STOCK NO. 2330-542-2039 MANUFACTURED BY VEHICLE IDENT NO. CONTRACT NO. 	<p style="text-align: center;">WEIGHT AND DIMENSION DATA</p>																				
<p style="text-align: center;">PUBLICATIONS</p> TECHNICAL MANUAL TM 9-2330-267-14	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">WEIGHTS</th> <th style="text-align: center;">EMPTY</th> <th style="text-align: center;">CROSSCOUNTRY</th> <th style="text-align: center;">HIGHWAY</th> </tr> </thead> <tbody> <tr> <td>PAYLOAD</td> <td></td> <td style="text-align: center;">3335</td> <td style="text-align: center;">3335</td> </tr> <tr> <td>ON WHEELS</td> <td style="text-align: center;">2515</td> <td style="text-align: center;">5835</td> <td style="text-align: center;">5835</td> </tr> <tr> <td>ON FRONT GEAR</td> <td style="text-align: center;">385</td> <td style="text-align: center;">400</td> <td style="text-align: center;">400</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: center;">2900</td> <td style="text-align: center;">6235</td> <td style="text-align: center;">6235</td> </tr> </tbody> </table>	WEIGHTS	EMPTY	CROSSCOUNTRY	HIGHWAY	PAYLOAD		3335	3335	ON WHEELS	2515	5835	5835	ON FRONT GEAR	385	400	400	TOTAL	2900	6235	6235
WEIGHTS	EMPTY	CROSSCOUNTRY	HIGHWAY																		
PAYLOAD		3335	3335																		
ON WHEELS	2515	5835	5835																		
ON FRONT GEAR	385	400	400																		
TOTAL	2900	6235	6235																		
DELIVERY DATE INSPECTION 	<p style="text-align: center;">SHIPPING CUBAGE - 608 CU. FT.</p>																				

M149 TRAILER PLATE (Located on right side of frame)

TRAILER TANK WATER 400GAL2WHLM149A2 NATIONAL STOCK NO. 2330-01-108-7367 MILITARY PART NO 8750052 MANUFACTURED BY VEHICLE IDENT NO. MFG MODEL NO. CONTRACT NO. 	<p style="text-align: center;">WEIGHT AND DIMENSIONS DATA</p>																				
<p style="text-align: center;">PUBLICATIONS</p> TECHNICAL MANUAL TM 9-2330-267-14&P	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">WEIGHTS</th> <th style="text-align: center;">EMPTY</th> <th style="text-align: center;">CROSSCOUNTRY</th> <th style="text-align: center;">HIGHWAY</th> </tr> </thead> <tbody> <tr> <td>PAYLOAD</td> <td></td> <td style="text-align: center;">3332</td> <td style="text-align: center;">3332</td> </tr> <tr> <td>ON WHEELS</td> <td style="text-align: center;">2440</td> <td style="text-align: center;">5772</td> <td style="text-align: center;">5772</td> </tr> <tr> <td>ON FRONT GEAR</td> <td style="text-align: center;">360</td> <td style="text-align: center;">360</td> <td style="text-align: center;">360</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: center;">2800</td> <td style="text-align: center;">6132</td> <td style="text-align: center;">6132</td> </tr> </tbody> </table>	WEIGHTS	EMPTY	CROSSCOUNTRY	HIGHWAY	PAYLOAD		3332	3332	ON WHEELS	2440	5772	5772	ON FRONT GEAR	360	360	360	TOTAL	2800	6132	6132
WEIGHTS	EMPTY	CROSSCOUNTRY	HIGHWAY																		
PAYLOAD		3332	3332																		
ON WHEELS	2440	5772	5772																		
ON FRONT GEAR	360	360	360																		
TOTAL	2800	6132	6132																		
DELIVERY DATE INSPECTION 	<p style="text-align: center;">SHIPPING CUBAGE - 625 CU. FT.</p>																				

M149A2 TRAILER PLATE (Located on right side of frame)

TRAILER TANK WATER 400 GAL 2WHL M149A1 NATIONAL STOCK NO. 2330-00-832-8801 MILITARY PART NO 8736828 MANUFACTURED BY VEHICLE IDENT NO. MFG MODEL NO. CONTRACT NO. 	<p style="text-align: center;">WEIGHT AND DIMENSION DATA</p>																				
<p style="text-align: center;">PUBLICATIONS</p> TECHNICAL MANUAL TM 9-2330-267-14	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">WEIGHTS</th> <th style="text-align: center;">EMPTY</th> <th style="text-align: center;">CROSSCOUNTRY</th> <th style="text-align: center;">HIGHWAY</th> </tr> </thead> <tbody> <tr> <td>PAYLOAD</td> <td></td> <td style="text-align: center;">3335</td> <td style="text-align: center;">3335</td> </tr> <tr> <td>ON WHEELS</td> <td style="text-align: center;">2515</td> <td style="text-align: center;">5835</td> <td style="text-align: center;">5835</td> </tr> <tr> <td>ON FRONT GEAR</td> <td style="text-align: center;">385</td> <td style="text-align: center;">400</td> <td style="text-align: center;">400</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: center;">2900</td> <td style="text-align: center;">6235</td> <td style="text-align: center;">6235</td> </tr> </tbody> </table>	WEIGHTS	EMPTY	CROSSCOUNTRY	HIGHWAY	PAYLOAD		3335	3335	ON WHEELS	2515	5835	5835	ON FRONT GEAR	385	400	400	TOTAL	2900	6235	6235
WEIGHTS	EMPTY	CROSSCOUNTRY	HIGHWAY																		
PAYLOAD		3335	3335																		
ON WHEELS	2515	5835	5835																		
ON FRONT GEAR	385	400	400																		
TOTAL	2900	6235	6235																		
DELIVERY DATE INSPECTION 	<p style="text-align: center;">SHIPPING CUBAGE - 608 CU. FT.</p>																				

M149A1 FIBERGLASS TRAILER PLATE (Located on right side of frame)

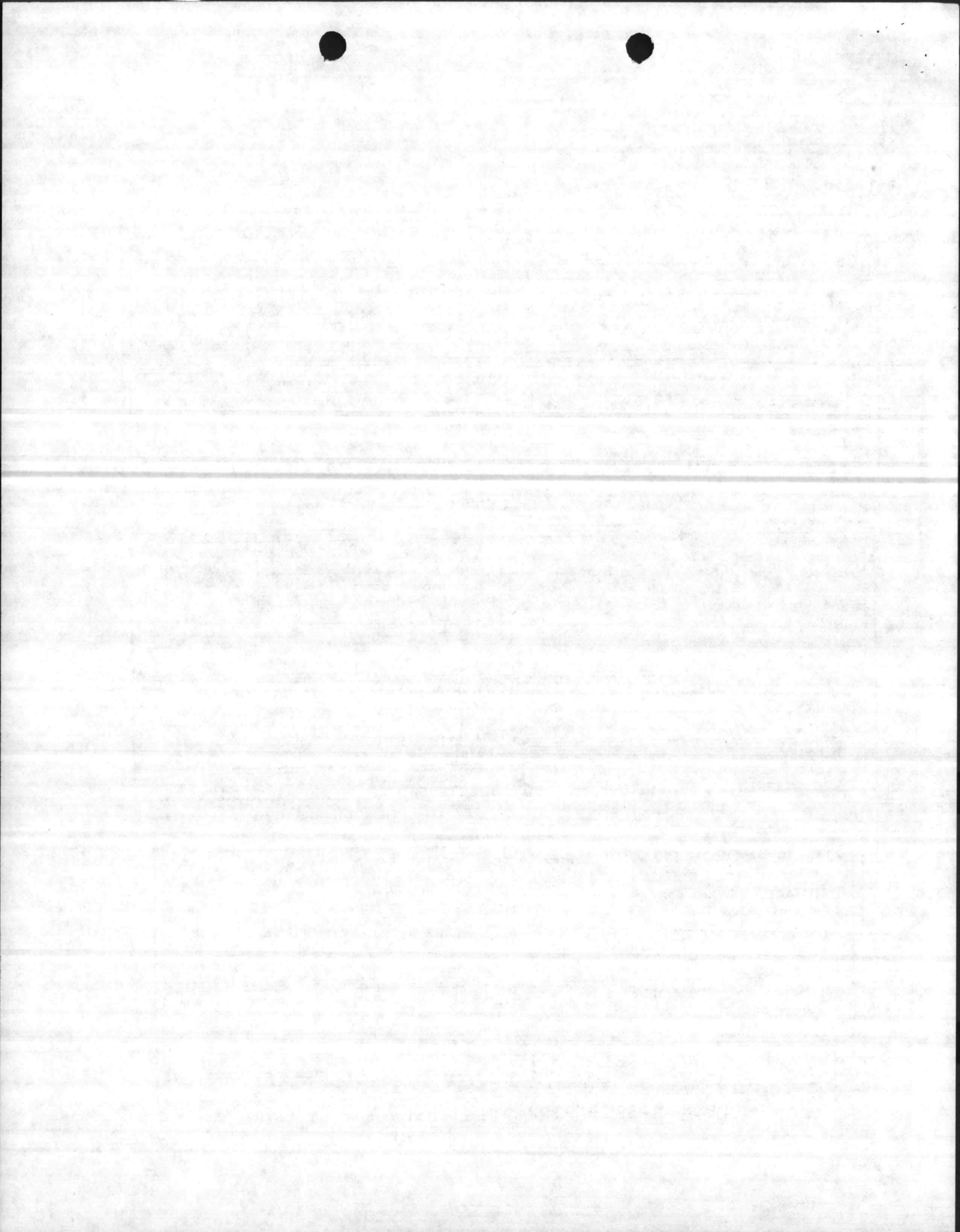
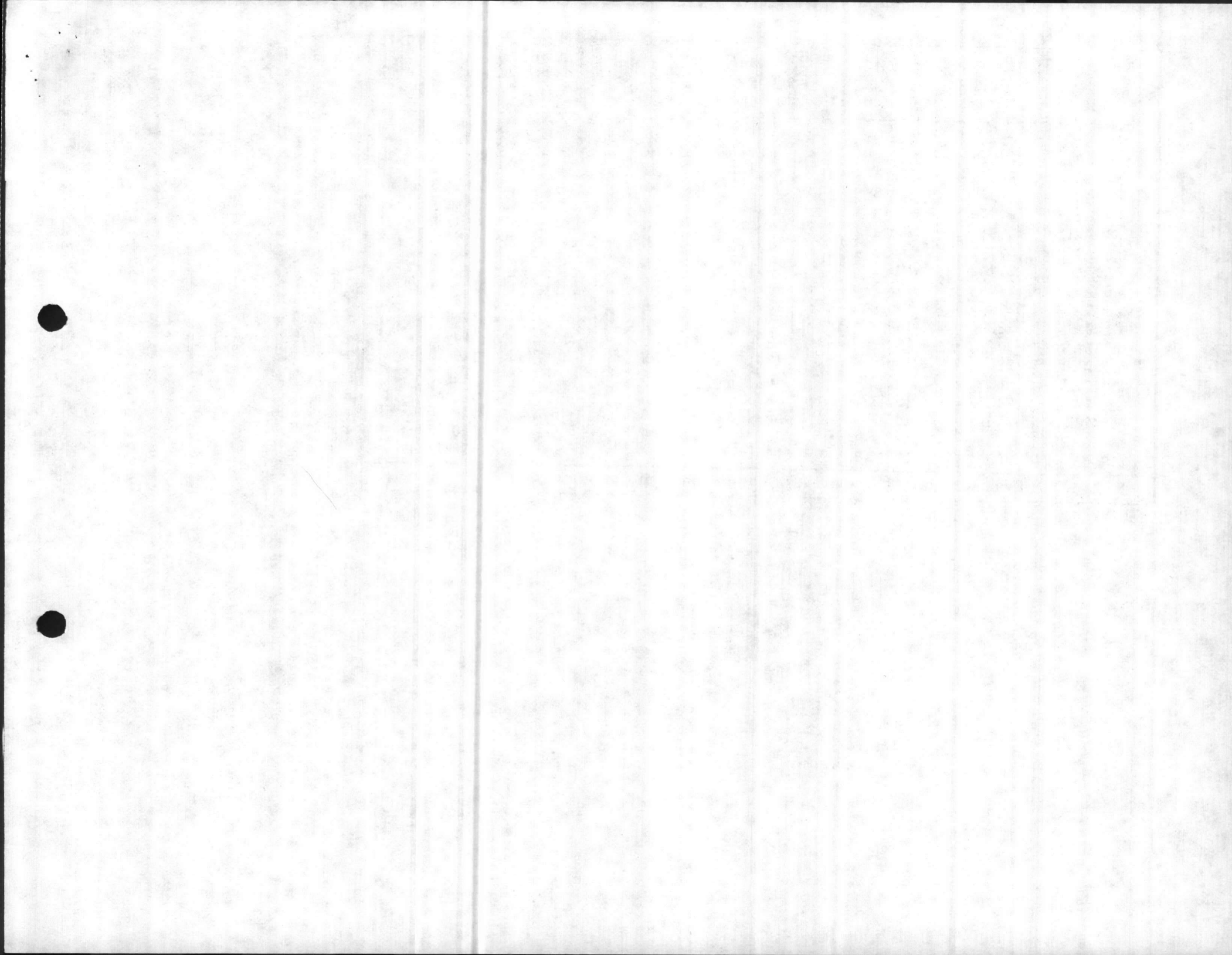


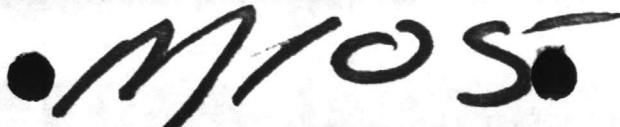
Table 2-2. Dimensions (Inches)

Truck Type	Length Overall w/wn	Height Overall	Height Reduced Minimum	Width Overall	Pintle Height	Ground Clearance
M35A1	277	112	81	96	35	12 1/2
M35A2	278 1/4	112	81	96	36 1/8	10 15/16
M35A2C	278 1/4	112	81	96	36 1/8	10 15/16
M36A2	343 1/2	124 3/8	81	96	36 1/8	10 15/16
M49A1C	277	97	88	96	37	12 1/2
M49A2C	277	101 1/2	92	96	36 1/8	10 15/16
M50A1	277	97	90	95	36	13
M50A2	277	101 1/2	92	95	36 1/8	10 15/16
M50A3	277	101 1/2	92	95	36 1/8	10 15/16
M109A2	277	130	130	99	34	13
M109A3	282	130	130	98	26 1/8	10 15/16
M185A2	277	130	90	95	36	13
M185A3	282	130	130	98	36 1/8	10 15/16
M275A1	242	99	81	93	35	12 1/2
M275A2	242	101 1/2	81	93	36 1/8	10 15/16
M342A2	274	105	81	96	36 1/8	10 15/16
M756A2	287	113	108	96	36 1/2	10 15/16
M764	305	108	94	96		10 15/16

Subtract 14 inches from length for trucks not equipped with front winch.

M49





L-18. Tabulated Data
a. Cargo Trailers.

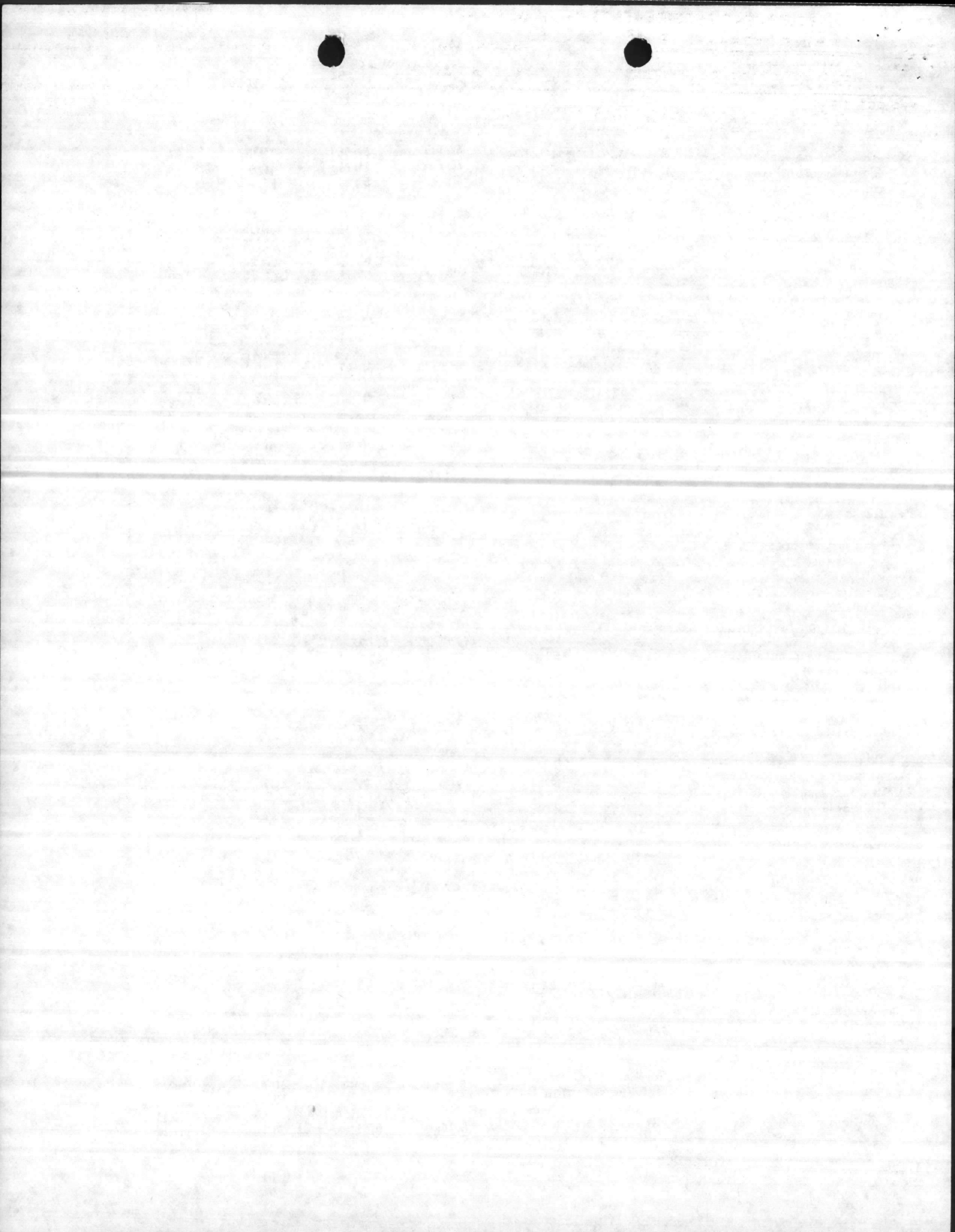
	M104	M104A1	M105A1	M105A2	M105A2C
Dimensions inside:					
Height:					
To top of racks	3ft 9in	3ft 9in	3ft 9in	3ft 9in	3ft 9in
To top of side panels	1ft 6in	1ft 6in	1ft 6in	1ft 6in	1ft 6in
To underside of bows	5ft	5ft	5ft	5ft	5ft
Length:					
Body	9ft 2in	9ft 2in	9ft 2in	9ft 2in	9ft 2in
Rack	9ft 2in	9ft 3in	9ft 3in	9ft 3in	9ft 3in
Width:					
Body	6ft 2in	6ft 2in	6ft 2in	6ft 2in	6ft 2in
Rack	6ft 1in	6ft 1in	6ft 1in	6ft 1in	6ft 1in
Dimensions overall:					
Height, less paulin:					
(empty)	8ft 3in	8ft 3in	8ft 2in	8ft 2in	8ft 2in
Length	13ft 9- ½in	13ft 9- ½in	13ft 9- ½in	13ft 9- ½in	13ft 9- ½in
Width	6ft 11in	6ft 11in	6ft 11in	6ft 11in	6ft 11in
Drawbar coupler					
(adjustable)	2ft 5- ¼in and 2ft 9- ¼in	2ft 7- ¾in and 2ft 11- ¾in	2ft 6- ¼in and 2ft 10- ¼in	2ft 6- ¼in and 2ft 10- ¼in	2ft 6- ¼in and 2ft 10- ¼in
Towing vehicles					
.....	2-½T 6x6	2-½T 6x6	2-½T 6x6	2-½T 6x6	2-½T 6x6
Weights: (all models)					
Payload:					
Cross country	3,000 lb				
Hard-surface road	4,500 lb				
Vehicles (net)	2,650 lb				
Total:					
Cross country	5,650 lb				
Hard-surface road	7,150 lb				

b. Water Tank Trailers.

	M107A1	M107A2	M107A2C
Capacity of tank (nominal)	400 gal	400 gal	400 gal
Dimensions overall:			
Height:			
To top of tank manhole cover	6ft 4- ¾in	6ft 4- ¾in	6ft 4- ¾in
Length			
.....	13ft 7- ½in	13ft 7- ½in	13ft 7- ½in
Width			
.....	6ft 10- ¼in	6ft 10- ¼in	6ft 10- ¼in
Drawbar coupler			
(adjustable)	2ft 6- ¼in and 2ft 10- ¼in	2ft 6- ¼in and 2ft 10- ¼in	2ft 6- ¼in and 2ft 10- ¼in
Towing vehicle			
.....	2-½T 6x6	2-½T 6x6	2-½T 6x6
Weights: (all models)			
Payload:			
Cross country	3,335 lb		
Hard-surface road	5,615 lb		
Vehicle (Net)	2,280 lb		

c. Trailer Chassis.

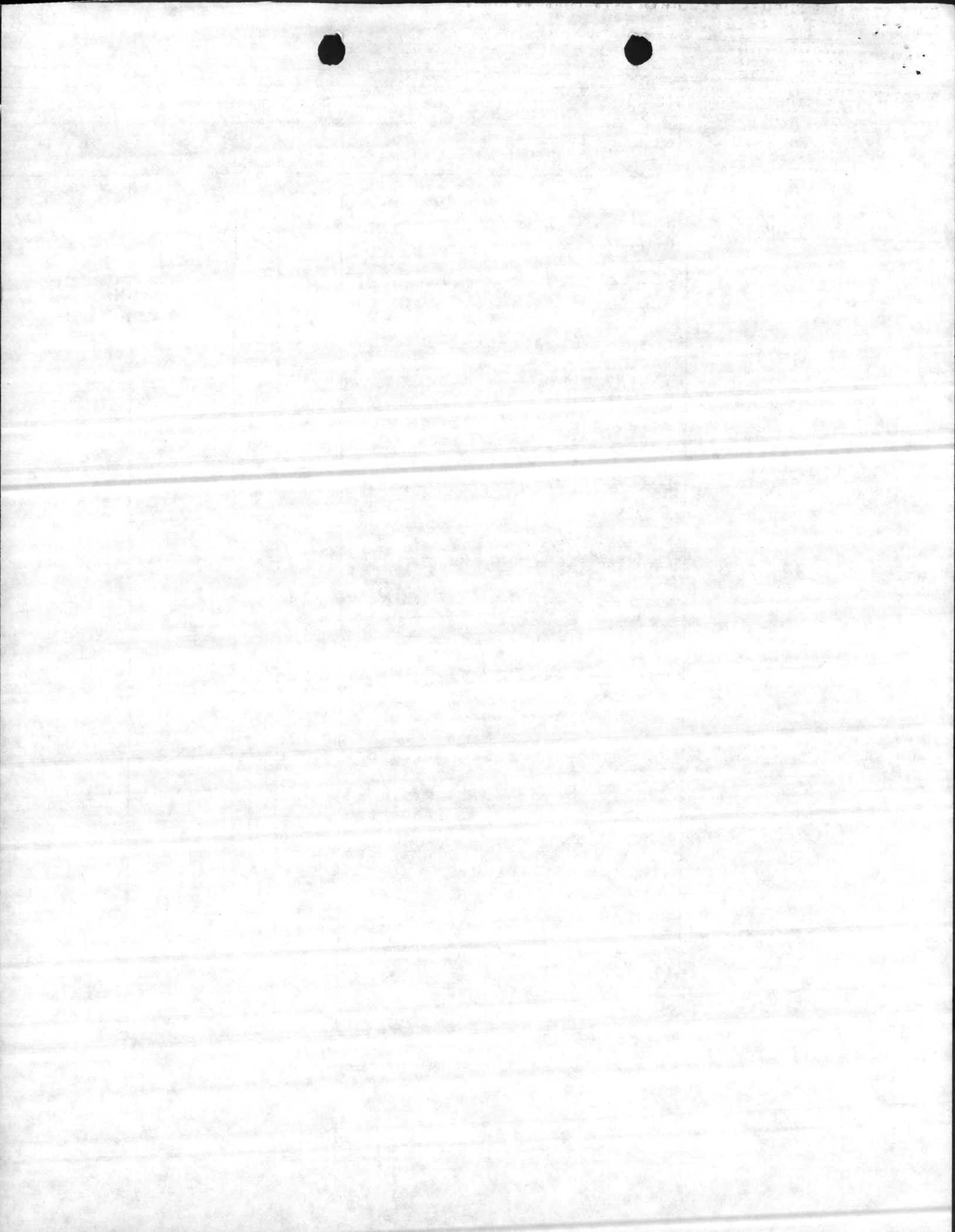
	M103A1	M103A2	M103A3	M103A3C	M103A4	M103A4C
Dimensions Overall:						
Height (to top of tire)						
.....	3ft 4in	3ft 4in	3ft 4in	3ft 4in	3ft 4in	3ft 4in
Length						
.....	13ft 7- ½in	13ft 7- ½in	13ft 7- ½in	13ft 7- ½in	13ft 7- ½in	13ft 7- ½in
Width						
.....	6ft 10- ¼in	6ft 10- ¼in	6ft 10- ¼in	6ft 10- ¼in	6ft 10- ¼in	6ft 10- ¼in



ACTIVITY NAME AND LOCATION
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28541

PROJECT TITLE ELECTRONICS COMMUNICATIONS MAINTENANCE SHOP
 NC P-229

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COS"
1. Built in Egypt to be MCON Funded:	*Air Conditioning, Heating & ventilating systems		SYS		
	*Plumbing systems and Steam system (interior)		SYS		
	* 5 Ton Monorail Hoist		SYS		
	*Compressed Air System		SYS		
	* EMCS				
	*Sprinkler System		SYS		
	*Telephone, Fire Alarm & intercom systems		SYS		
	*Drinking water coolers		ea		
	*Lockers, wall mounted		ea		
	*Locker room benches, 6' long		ea		
	*Pass window, 4'W w/counter and "B" label roll down shutter (w/fusible link)		ea		
	*Exhaust System, overhead Engine		SYS		
	*Deluge Shower, w/eye wash CW		ea		
	*Acid resistant sink w/bench CW		ea		
	*Exhaust hood (over) w/frac- tional HP, 120V, 1 Phase fan		ea		
	*Grounding system, electronic 60/400 cycle elect. system w/ AC/DC power bus bar and transformer		SYS		
	*Bulletin Board, wall mounted		ea		
	*Counter, dispatchers		ea		
	*Chalkboards, wall mounted		ea		
	*Blinds, venetian, light tight and window screens		ea		

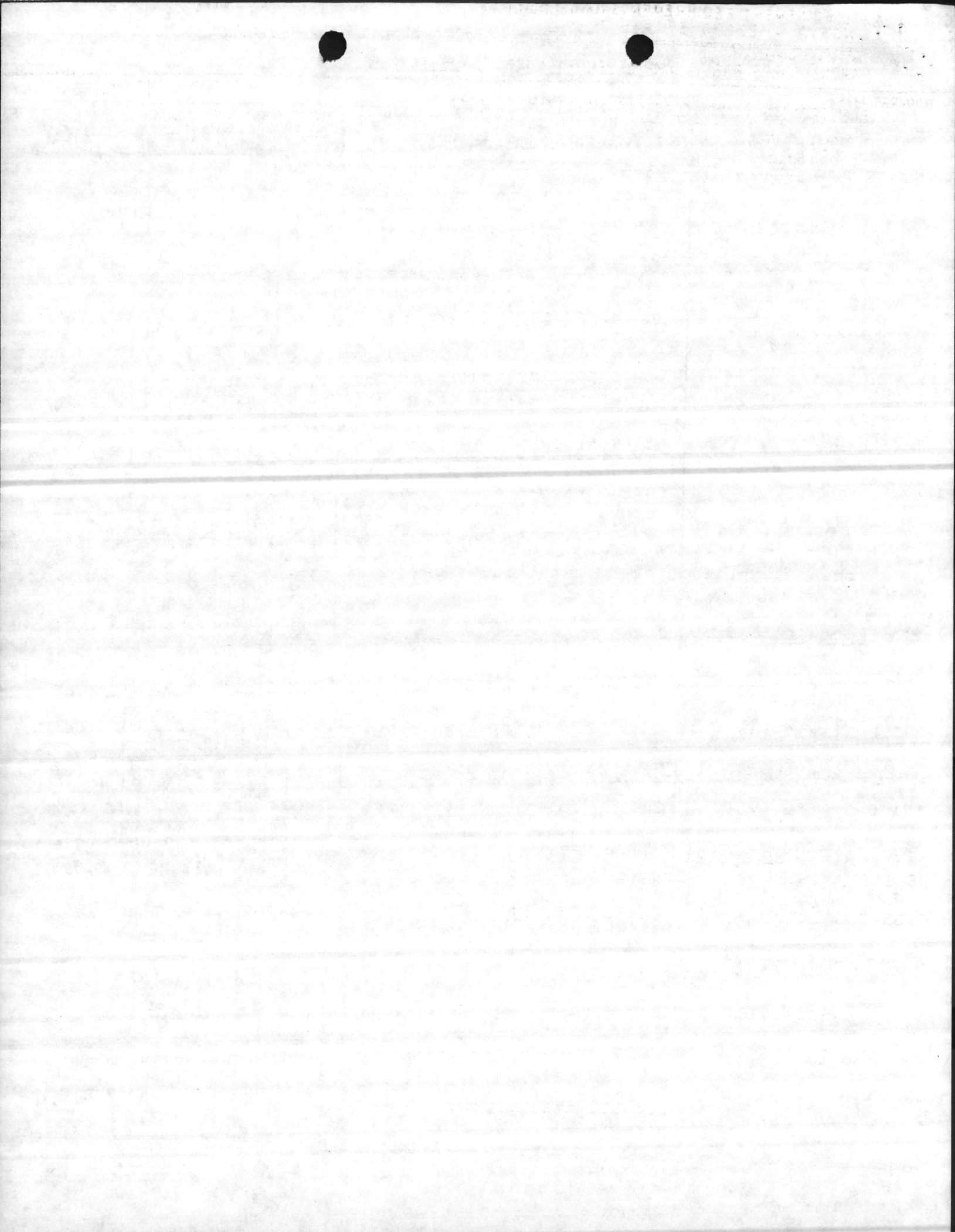


1. ACTIVITY (AREA AND LOCATION)
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28541

18 NC
 P-225

2. PROJECT TITLE
 ELECTRONICS COMMUNICATIONS MAINTENANCE SHOP

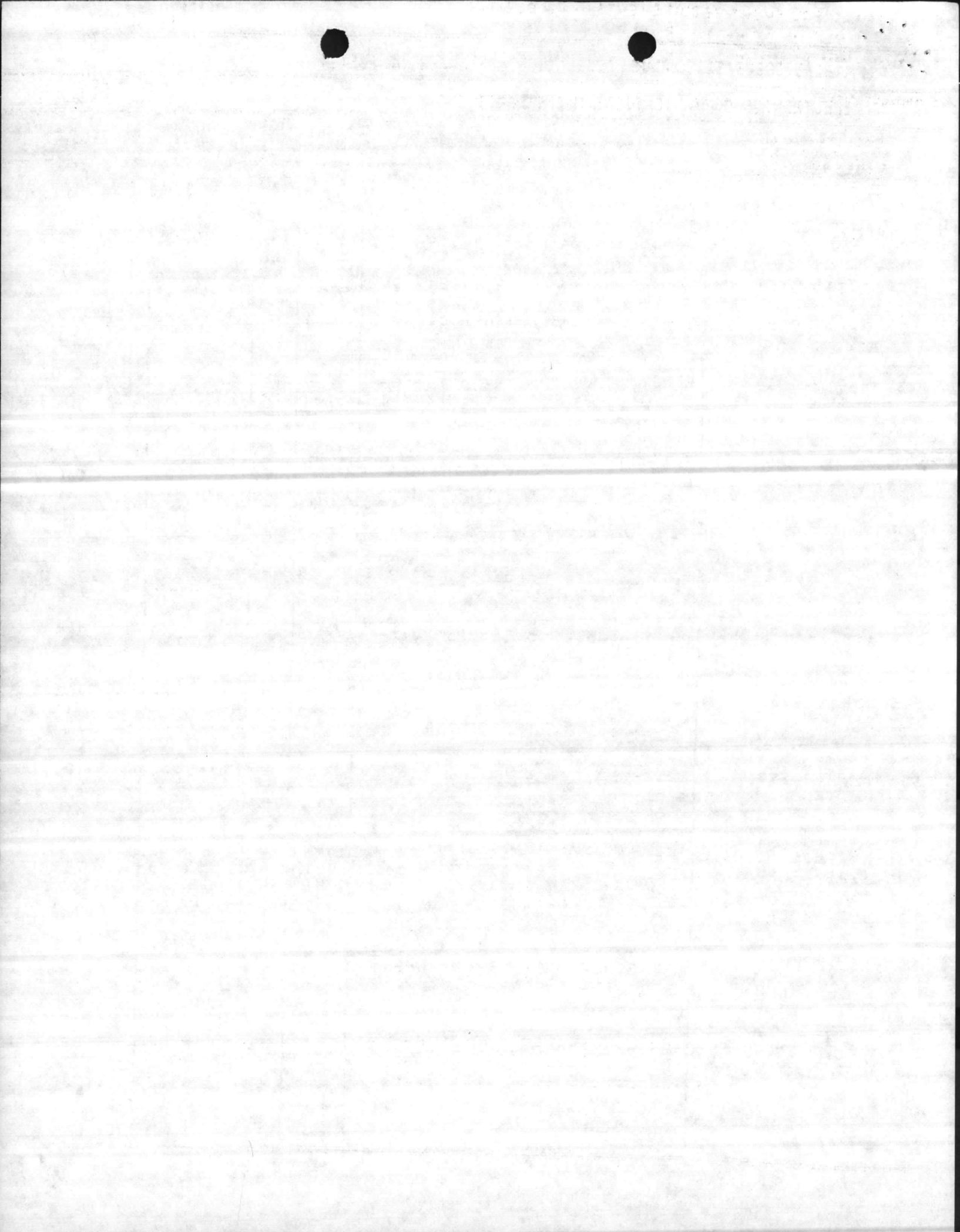
CDG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
	*Lube dispensing eqpt w/ accessories (couplers, valves regulators, etc.)		sys		
	*Air pumps, 400 lb drums for oil (chassis, gear, motor oil transmission fluid, hydraulic fluid)		sys		
	*Twin post hydraulic lift HD 24,000 24,000 lb capacity		sys		
	*Twin post hydraulic lift, LD 11,000 lb capacity		sys		
	*Water hose reel HD w/hose control valve & hose stop		sys		
Equipment with associated installation cost.					
2. Expense Items:					
7110-00-149-1630	Desk, flat top, dbl ped	8	ea	234.23	1,874
7110-01-015-1361	Desk, flat top, single ped	12	ea	199.44	2,393
7110-01-016-6580	Desk attachment, for above	12	ea	132.93	1,595
7110-00-082-6229	Chair, rotary, tilting seat	20	ea	66.31	1,326
6230-00-682-3423	Lamp, desk	12	ea	39.00	468
7110-00-958-8044	Chair, secretarial rotary	12	ea	64.60	775
7110-00-685-5534	Stand, typewriter, drop leaf	6	ea	85.60	685
7110-00-497-2012	Filing cabinet, 5 dwr, legal size, parchment	10	ea	146.20	1,462
7125-00-764-6129	Cabinet, storage, dbl dr.	12	ea	132.78	1,593
7110-00-601-9822	Bookcase, 2 shelves, parch.	20	ea	85.60	1,712
7110-00-782-3503	Chair, straight, w/o arms	72	ea	38.34	2,760



1 ACTIVITY (ADD ONE LOCATION)
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

2 PROJECT TITLE
 ELECTRONICS COMMUNICATIONS MAINTENANCE SHOP NC 2-223

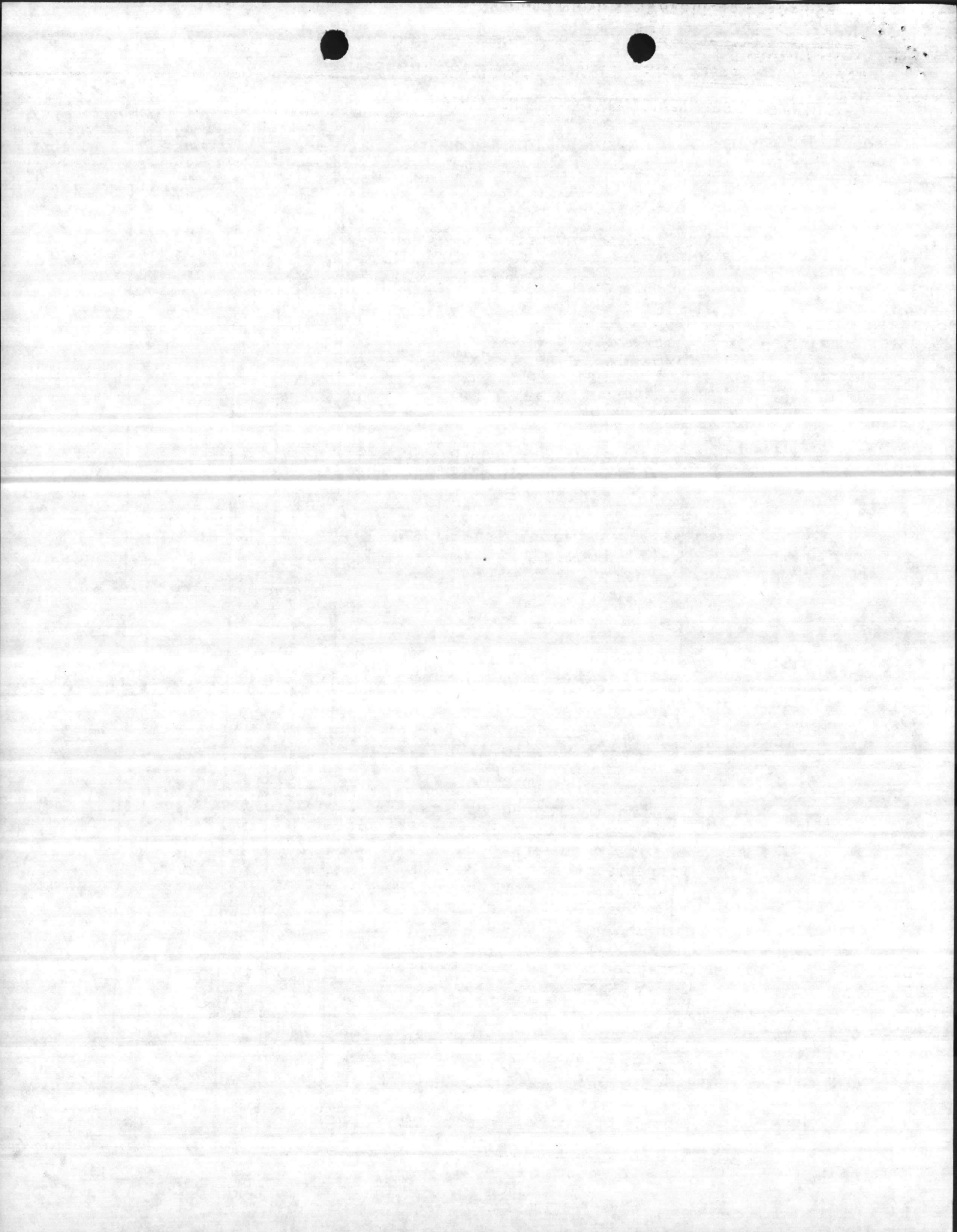
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
7195-00-004-6716	Rack, wearing apparel, con- temporary 6 mt1 hangers	20	ea	49.39	988
7240-00-285-5416	Basket, waste, 24 guage steel	32	ea	2.85	91
7110-00-143-0821	Table, office, gen. purpose	10	ea	164.00	1,640
4210-00-720-1815	Extinguisher, fire 2-1/2 gal air expelled water, Class A stainless steel	10	ea	25.98	260
4210-01-089-0875	Extinguisher, fire, 20 lb Halon	5	ea	90.00	450
VIRCO	Student chairs, model 7020	60	ea	30.35	1,821
7195-00-926-5939	Bench, work portable 48"x28" x34"	22	ea	159.59	3,511
4910-00-543-7771	Bench, work portable, auto- motive, 72"x28"x34"	15	ea	332.00	4,980
6645-00-514-3523	Clock, wall	12	ea	8.20	98
7195-00-242-3503	Costumer, wearing apparel 4 dbl hooks	18	ea	55.00	990
Federal Prison System 26-S-32853-258	Shelving 24"x36"x87", type A	30	ea	93.05	2,792
7125-331-8401	Shelving 18"x108"x87" Class 3	26	ea	93.45	2,430
20-S-32879-152	Doors, security, for storage shelving, w/locks & handles	10	ea	38.10	381
7910-00-680-8296	Floor Polisher	4	ea	209.90	840
OP MONROE	Adding Machine, Model 1450	3	ea	400.00	1,200
OP IBM	Typewriter, electric, selec- tric II, dual pitch, correctable	2	ea	850.00	1,700



ACTIVITY AREA AND LOCATION
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

PROJECT TITLE ELECTRONICS COMMUNICATIONS MAINTENANCE SHOP ID NO F-225

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COS*
OP	Draperies and hardware	12	pr	90.00	1,080
OP	Blackout draperies	6	pr	90.00	540
OP Carolina Ofc Supply	Bulletin Board, cork, alum frame, cork	6	ea	46.00	276
OP Carolina Ofc	Portable easel 29"x40" expandable model T-5-80E	2	ea	96.00	192
McMaster Carr Supply Co POB 440, New Brunswick, NJ	Parts Bin, adj. shelving 14" 24" deep 54 openings, Cat 90 Model #4641T39, pg 135	8	ea	282.98	2,264
"	Benches, work, stationary steel top, 28"x34"x60", std for Btry Shop #9054T12 Cat 90, pg 147	22	ea	106.86	2,137
"	Grinder, bench, 7" w/buffer wheel #4452A70, pg 1602, Cat 90	2		462.46	925
"	Battery charger 12-24-36V Selenium model 7318K12, pg 1284	6	ea	473.45	2,841
"	Cabinet, storage parts, 18 dwr welded 11"x5 1/2"x205.8" adj. cross dividers, #5150T14 pg 119	6	ea	101.75	611
"	Porta Bull parts storage cabinet for storage of mechanics tool boxes, 21 adj bins #4668T11, pg 115	4	ea	581.15	2,325
AKRO MILS, Akron, Ohio	Storage-go-round parts bin, 31"x31"x60", 45 dwr storage 98-444 w/13-909 bins	4	ea	900.00	3,600



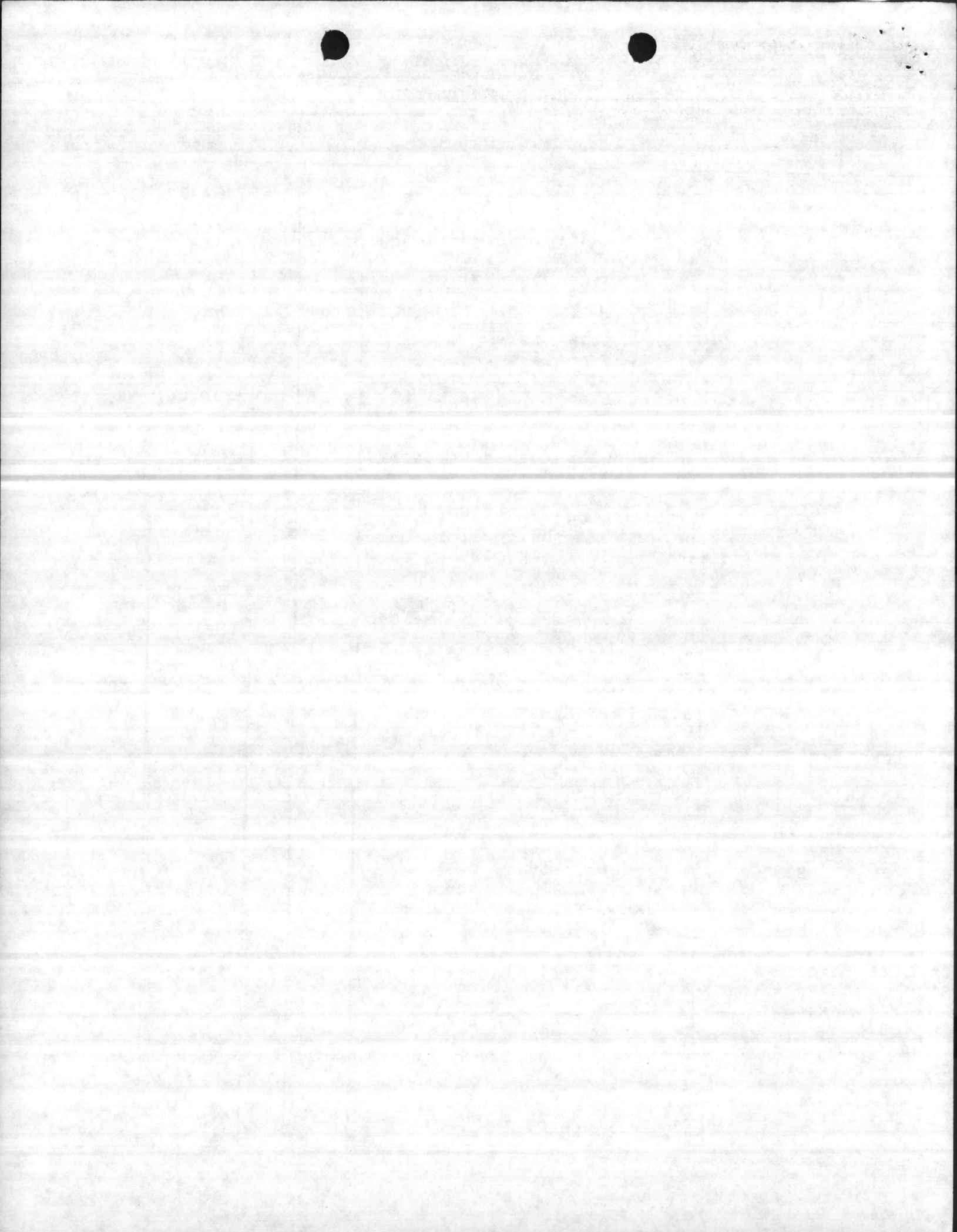
ACTIVITY NAME AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28520

PROJECT TITLE
 ELECTRONICS COMMUNICATIONS MAINTENANCE SHOP

P NO
 P-229

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
Pressteel Co.	438 EN-10LP bench 96"x36"x 35-1/2" #10 top 5 dwr, rt & lt lock w/ key, wired 18 AWG 400 HZ, 60 HZ, & 20 VOC on 20 circuit breakers w/pilot indicator	22	ea	1,484.00	32,648
McMaster-Carr Co	Revolving steel storage bins #2 1/8"H, 10 tiers #4649T41, pg 135, cat 90	12	ea	276.27	3,315
	Sectional shelving 36"W #5097T34, pg 127	22	ea	295.06	6,491
	Add on units for above shelv- ing #5397T44, pg 127	22	ea	274.97	6,049
	12" shelving w/adj std., 6 shelves, 24 shelf clips, 36"W #4586T11, pg 126	22	ea	53.13	1,168
	Cabinet: 31"H tray top acid storage for use in battery or acid areas. Acid resis- tant w/o eye wash #9765T3, pg 11	6	ea	493.29	2,960
	TOTAL EXPENSE ITEMS				112,237
3. <u>Investment Items:</u>	None.				
4. <u>APA Eqpt:</u>	None.				
5. <u>Training Eqpt.</u>	(to be locally funded)				
6730-00-423-9992	Projector, movie, Bell & Howell 16mm, real sound, Tungsten Halogen 1.2" lens focal length	2	ea	467.54	935
DA-LITE Screen Co. 3100 State Rd Box 137, Warsaw IN 46580	Screen, movie, picture king 84"x84" glass beaded	2	ea	126.42	253
GS-23S-81003 Model 389B	Projector, overhead Specialist, model 389B	2	ea	203.00	406
	Total Training Equipment:				1,594



1. ACTIVITY (Name and Location)
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28541

2. PROJECT TITLE
 ELECTRONICS COMMUNICATIONS MAINTENANCE SHOP

P. NO. P-229

COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
6. Equipment on Hand:	None				
7. Summary	Total Expense Items				112,237.00
	Contigency				5,611.00
	Cost Acceleration				23,552.00
	TOTALS				141,400.00

