



DEPARTMENT OF THE NAVY

TELEPHONE:

OFFICER IN CHARGE/RESIDENT OFFICER IN CHARGE
JACKSONVILLE NORTH CAROLINA AREA
NAVAL FACILITIES ENGINEERING COMMAND
CAMP LEJEUNE, NORTH CAROLINA 28542-5000

IN REPLY REFER TO

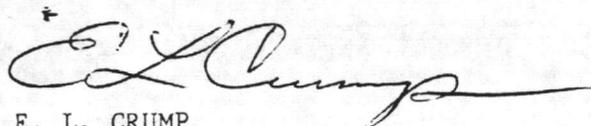
N62470-88-B-3711
JAX/0716V/ec
2 February 1988

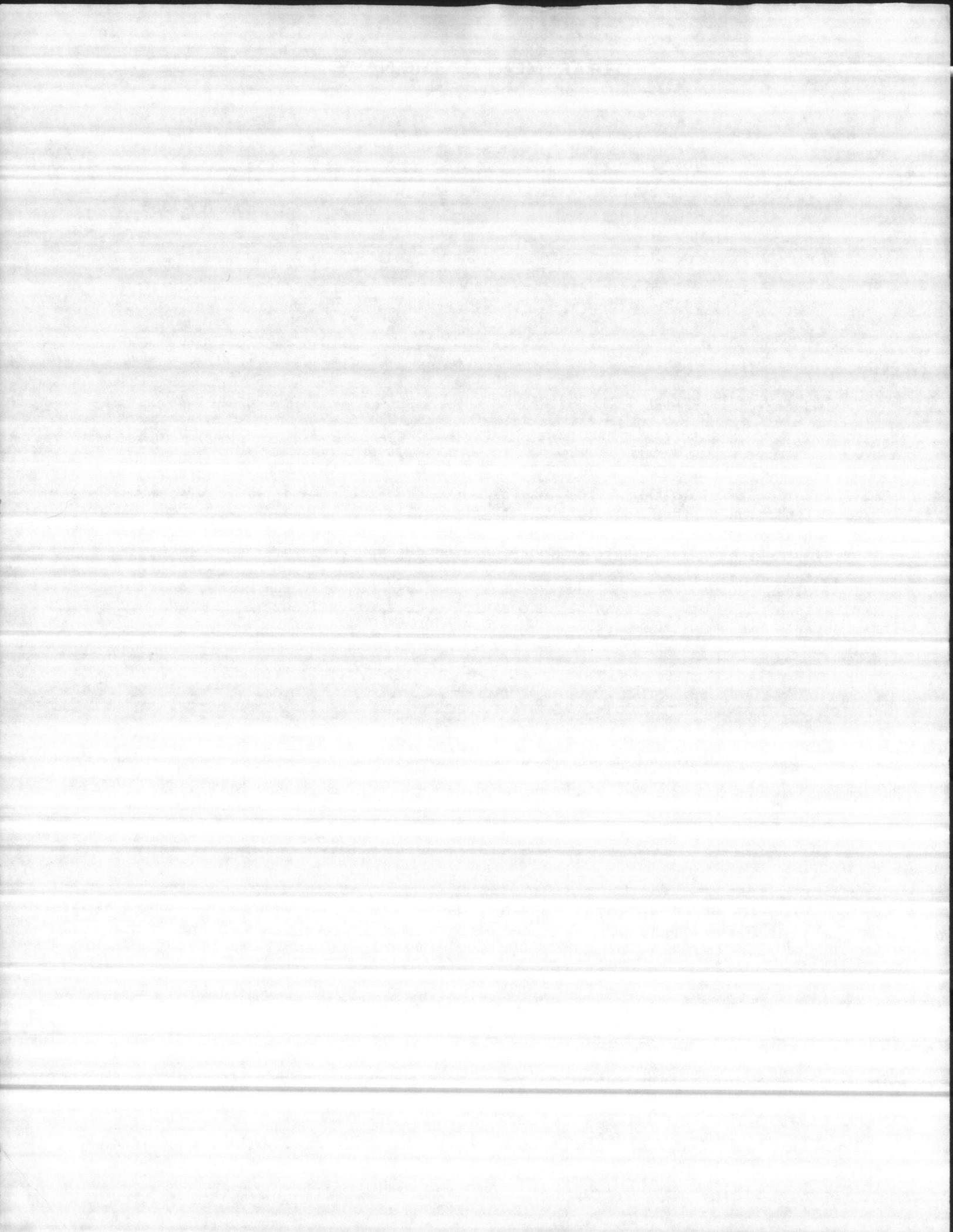
From: Officer in Charge of Facilities Support Contracts, Jacksonville, NC Area
To: Base Maintenance Officer, Marine Corps Base, Camp Lejuene, NC

Subj: CONTRACT N62470-88-C-3711, SLUDGE REMOVAL FOR WASTEWATER TREATMENT
PLANTS, MCB CAMP LEJUENE, NC, AND MCAS NEW RIVER, JACKSONVILLE, NC

Encl: (1) Specification for subject contract (Sections B through H and J)

1. The enclosure is forwarded for your review. Please forward your comments and recommendations to this office no later than 29 February.
2. In order to minimize the cost of the work, the filter sand delivery/catalyst removal portion of this contract will be firm fixed price, and therefore must be performed according to schedule. This schedule will become part of Section J of the contract specifications. We therefore request you forward a schedule for the filter sand delivery/catalyst removal to this office as soon as possible. Also, please comment on the length of time required to empty the contents of a spiractor, so we may provide the information necessary to insure a fair and reasonable price for the work.


E. L. CRUMP
By direction



doc 0698V

NOTICE:
Bids to be opened at 2:00 p.m.

SOLICITATION N62470-88-B-3711

NAVFAC
SPECIFICATION
No. 05-88-3711

at the Office of the Officer in Charge
of Facilities Support Contracts, Bldg 1005
Marine Corps Base
Camp Lejeune, North Carolina 28542

SLUDGE REMOVAL FOR WASTEWATER TREATMENT PLANTS

at the

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

and the

MARINE CORPS AIR STATION (H), NEW RIVER, JACKSONVILLE, NORTH CAROLINA

SPECIFICATION PREPARED BY:

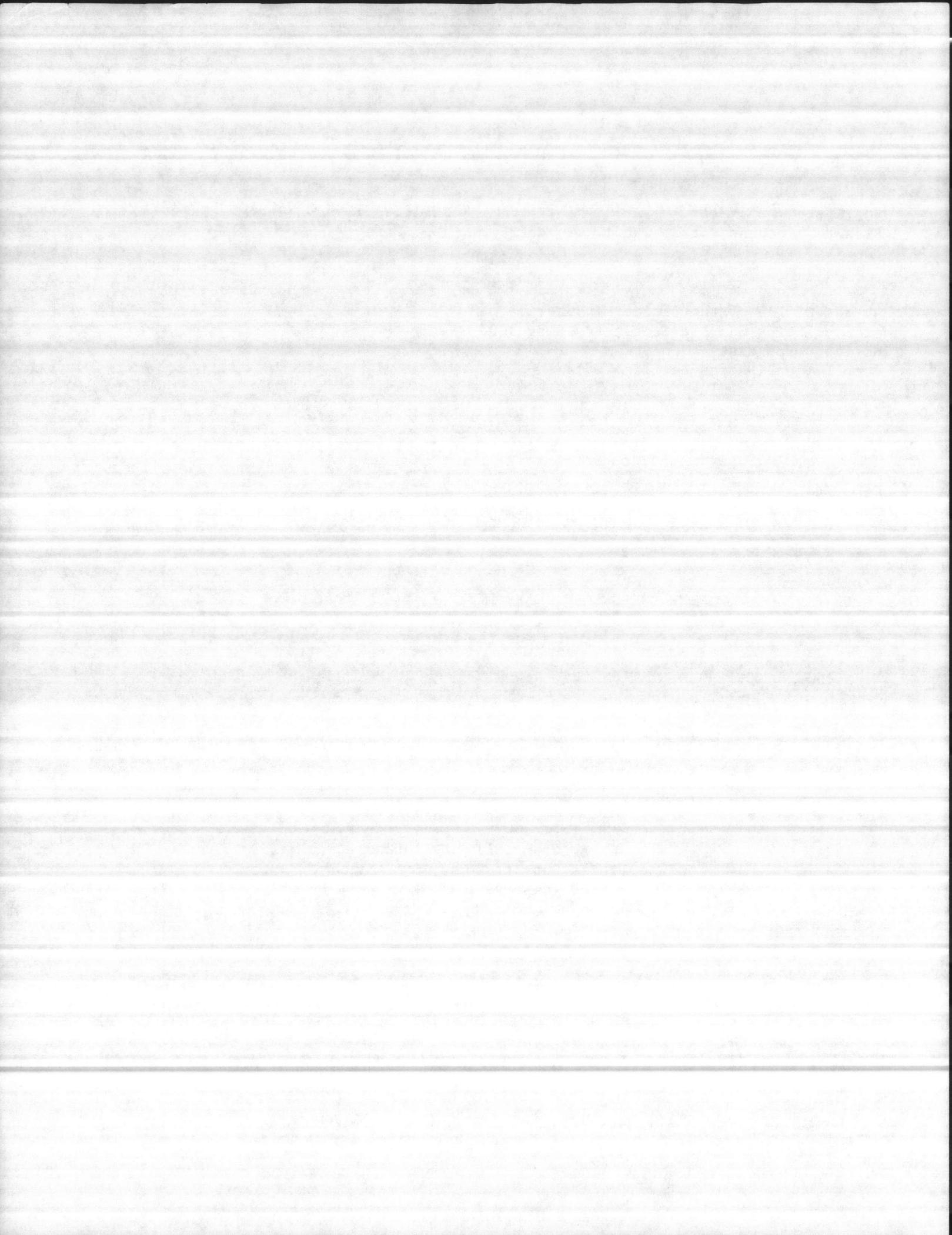
E. L. Crump, LT, CEC, USNR
Facilities Support Contracts Branch
Public Works Division

SPECIFICATION APPROVED BY:

F. E. Cone, P.E., Director
Design Branch, Public Works Division

T. L. Huguelet, Commander, CEC, U.S. Navy
for Commander, Naval Facilities Engineering Command

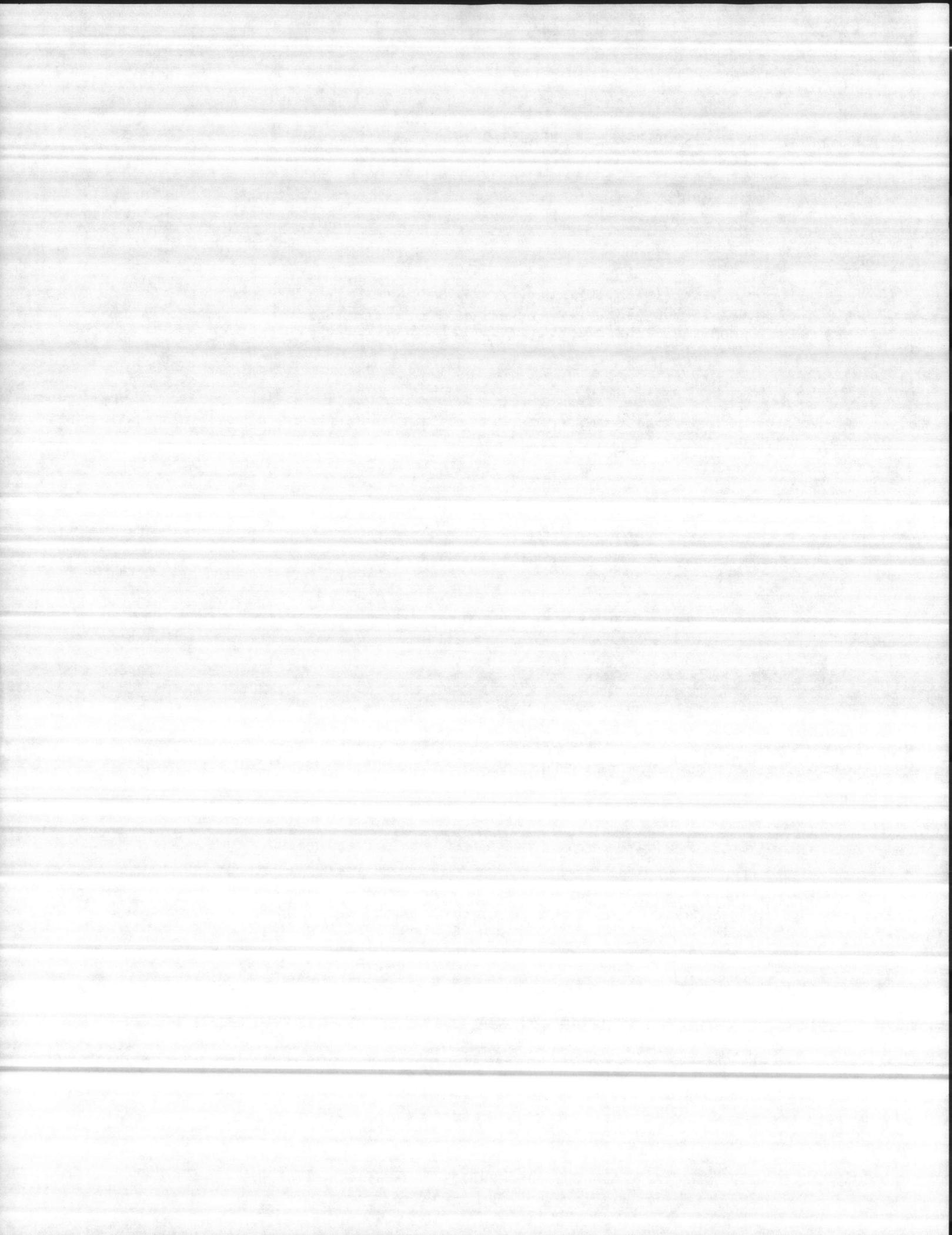
05-88-3711



PART 1 - THE SCHEDULE
SECTION B - SUPPLIES/SERVICES AND PRICES

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PART 1 - THE SCHEDULE
SECTION B: SUPPLIES OR SERVICES AND PRICE/COSTS

B.1 GENERAL INTENTION

It is the intention of this solicitation to obtain catalyst supply and sludge removal services for the sludge drying beds at the base wastewater treatment facilities by means of an indefinite quantity type contract.

B.2 BASIS FOR AWARD

a. The low bidder for purposes of award shall be the conforming, responsive, responsible bidder offering the lowest total price for Contract Line Items 0001 through 0003. Bids are solicited on an "all or none" basis and FAR 52.214-10, "CONTRACT AWARD - SEALED BIDDING (APR 1985)" provision, Section L, is hereby modified. Failure to submit bids for all items and quantities listed shall be cause for rejection of the bid.

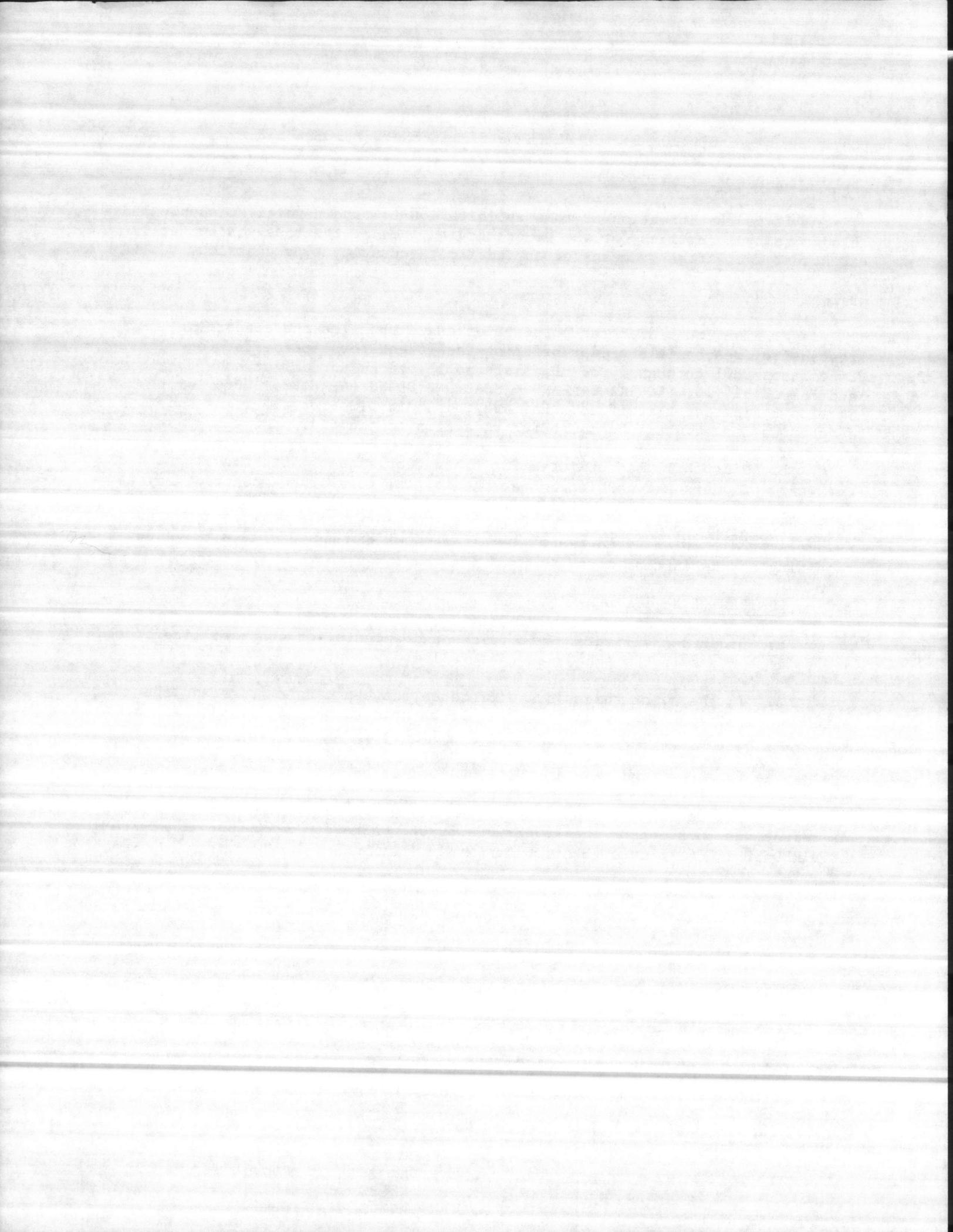
b. Bids shall be submitted for the performance of work for a period of one year. Bidders are cautioned that the initial term of the contract may be for a period of less than a full year in accordance with the "TERM OF CONTRACT" clause, Section F. The value of the contract at award will be based on a prorated portion of Contract Line Items 0001 through 0003 for the days remaining in the initial term.

B.3 CONTRACT LINE ITEMS

a. Bidders shall enter unit prices and amounts for contract line items and subline items in the schedules that follow.

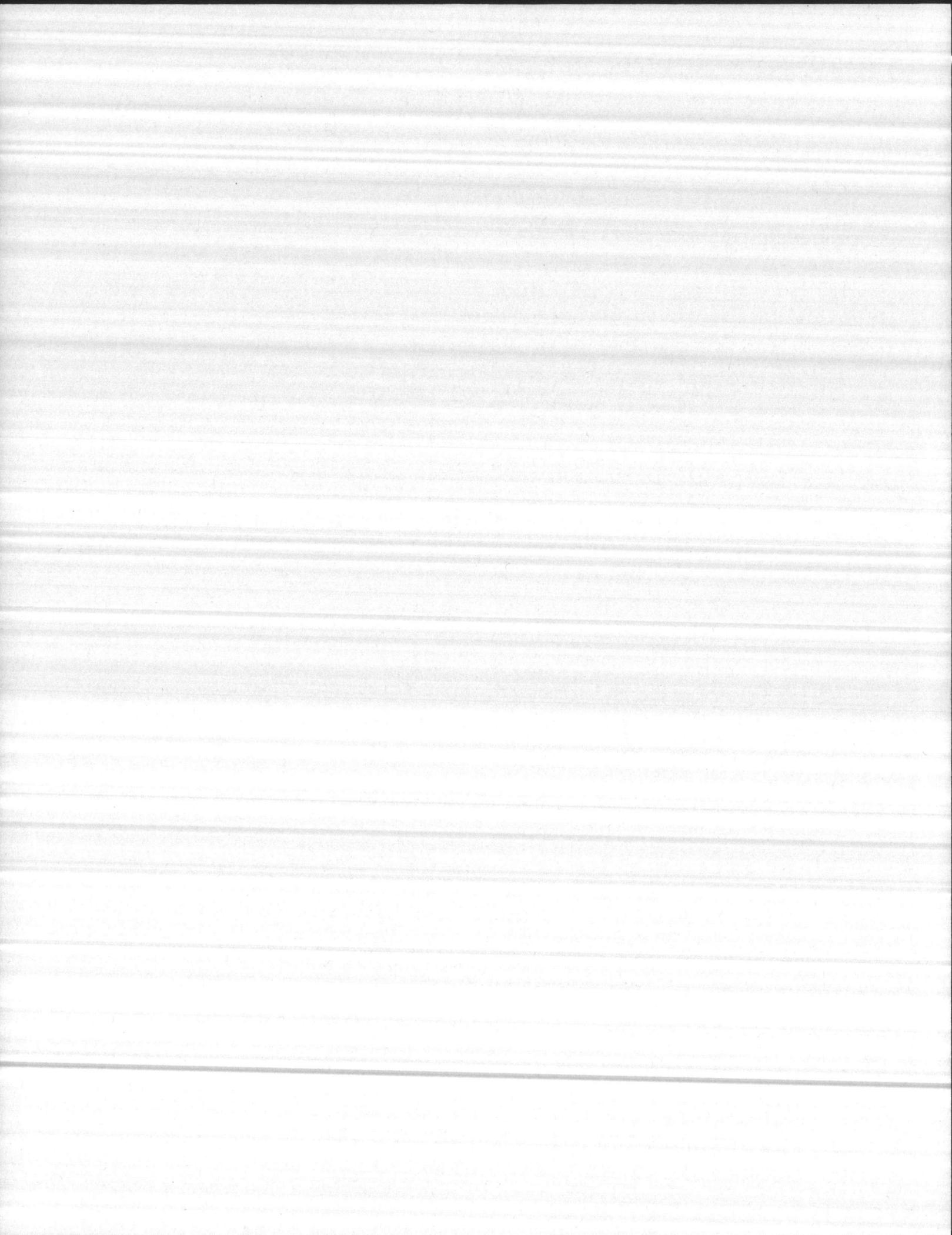
b. In the event there is a difference between a unit price and the extended total amount, the unit price will be held to be the intended bid and the total will be recomputed accordingly. If the bidder provides a total amount for a contract item but fails to enter the unit price, the total amount divided by the specified quantity will be held to be the intended unit price.

c. The Schedule of Indefinite Quantity Work will be used as the basis of deductions pursuant to the "CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM REQUIRED SERVICES" clause, Section E.



**THE FOLLOWING
DOCUMENT IMAGE(S)
WERE POOR QUALITY IN THE
ORIGINAL PAPER FORMAT**

**Confidential Records Management, Inc.
New Bern, NC
1-888-622-4425
9/08**



PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER:	670	FROM 06/01/87 TO 12/31/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
347478	B048	06/19/87	63	ASSIST SHOPS, TORCH-CUT/WELD LOCATION: IN SHOP
349664	B045	07/02/87	83	SILO RPR VIBRATOR ON LIME LOCATION:
352365	B048	08/28/87	41	BLINDS, VENETIAN, FABRICATE & INSTAL LOCATION: 670 NEW BLDG, 18X24
353000	B045	06/30/87	83	PUMP, REPACK POSITIVE DISPLACEMENT P LOCATION:
353001	B045	07/07/87	83	VALVE-REMOVE AND REPLACE 2"-4" GATE LOCATION:
353233	B045	06/29/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 670 TO THE LANDFILL
354883	B045	06/30/87	83	PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:
355320	B045	07/14/87	83	METER WATER_CALIBRATE_(RAW WATER) LOCATION:

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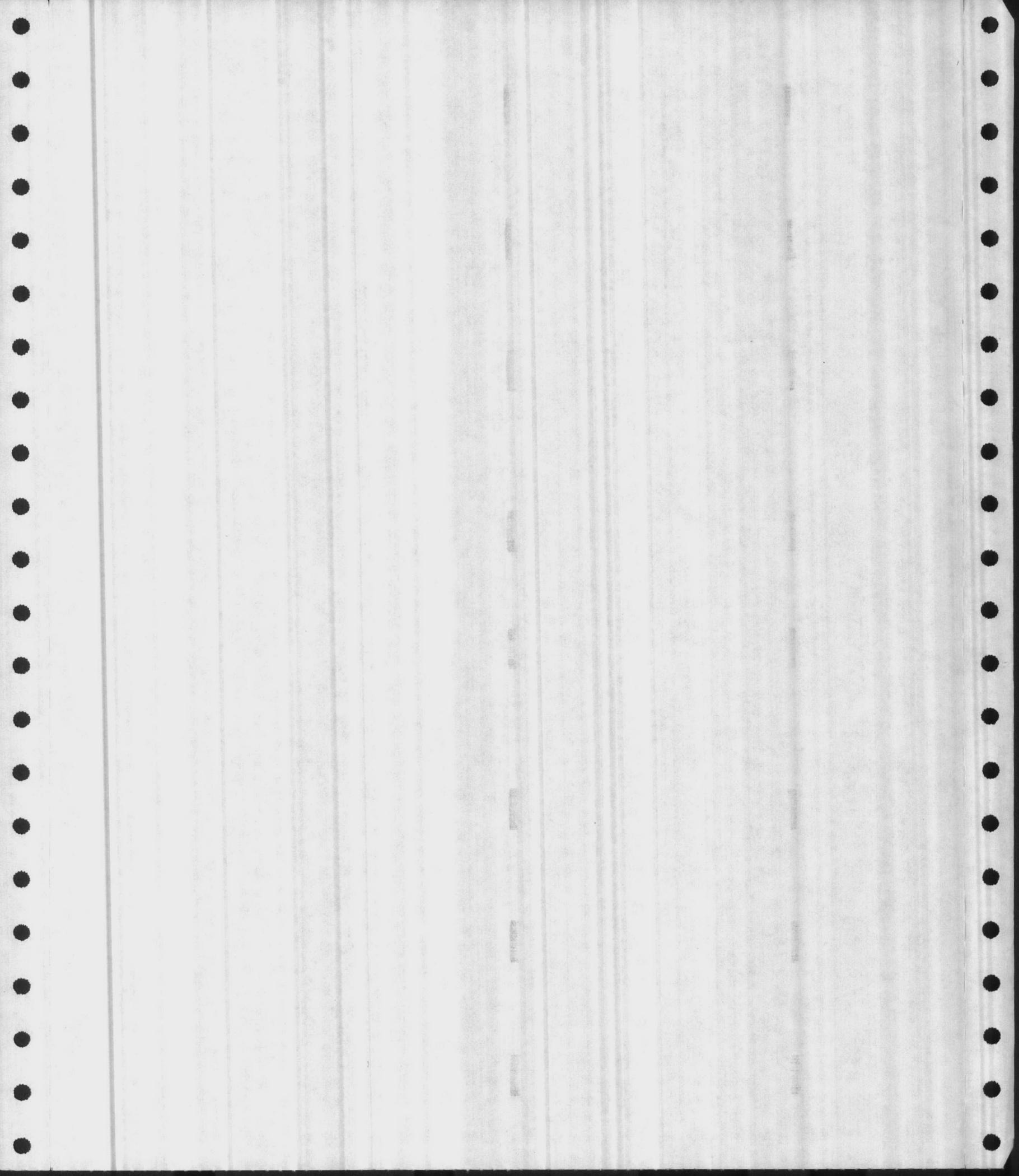
PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER:	670	FROM 06/01/87 TO 12/31/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
355323	B045	07/02/87	83	SILO RPR VIBRATOR ON LIME_#1 LIME F LOCATION:
355442	B045	07/01/87	83	WELDER, ELECTRIC, REPAIR LOCATION:
355446	B045	07/01/87	83	HYDRAULIC LIFT-MOTOR VEHICLE RPR LOCATION:
355467	B045	07/08/87	41	PARTITION-BATHROOM, INSTALL LOCATION: NEW OFFICE
355470	B045	07/08/87	41	FLOORING, ASPHALT TILE-REPLACE 41-50 LOCATION: NEW OFFICE
355471	B045	07/09/87	41	CABINET-FABRICATE_(1 LIN FT) LOCATION: NEW OFFICE
355485	B045	07/02/87	71	LOAD AND HAUL CATALYST LOCATION: 670 TO THE LANDFILL
355694	B045	07/02/87	41	KEY, LOCKSMITH, FABRICATE DUPLICATE LOCATION:

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PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER:	670	FROM 06/01/87 TO 12/31/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
356885	B045	07/10/87	83	CHLORINATOR, REPAIR >>(LOEAD) LOCATION:
356933	B045	07/06/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: 670
357663	B045	07/07/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 670 TO THE LANDFILL
357672	B048	07/09/87	41	KEY, LOCKSMITH, MAKE KEY FROM CODE LOCATION: SAMPLE IN SHOP
358086	B045	07/08/87	51	FAN, INDUSTRIAL EXHAUST-REPAIR LOCATION: UPSTAIRS
358150	B045	07/07/87	83	FENCE-CHAINLINK, PERIMETER-REPAIR ON LOCATION:
359113	B048	07/09/87	43	GLASS, REPLACE WINDOW OR DOOR GLASS LOCATION:



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PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 670		FROM 06/01/87 TO 12/31/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
361423	B045	07/13/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_ LOCATION: BLDG 670
361514	B045	07/22/87	41	DOOR,METAL PERSONNEL-REALIGN LOCATION: HEATER ROOM_CB ROOM CHLOR
362093	B045	07/17/87	63	WATER WELLS (DEEP) RPR AUTOMATIC CON LOCATION:
363342	B048	07/14/87	63	DOOR,METAL REPAIR LOCATION: COMPLETED TICKET, OUTSID
363369	B048	07/14/87	63	DOOR,THRESHOLD-INSTALL IN DOUBLE DOO LOCATION: COMPLETED TICKET, OUTSID
363379	B045	07/20/87	72	AIR COMP FOR PNEUMATIC CONTROLS, RPR LOCATION: PIPE GALLERY
364254	B048	07/15/87	61	SINK-REPAIR OR REPLACE SINK STRAINER LOCATION: COMPLETED TICKET, MENS'
364285	B045	07/16/87	51	LIGHT FIXTURE, FLUORESCENT-REPR LOCATION: 2ND DECK HEAD

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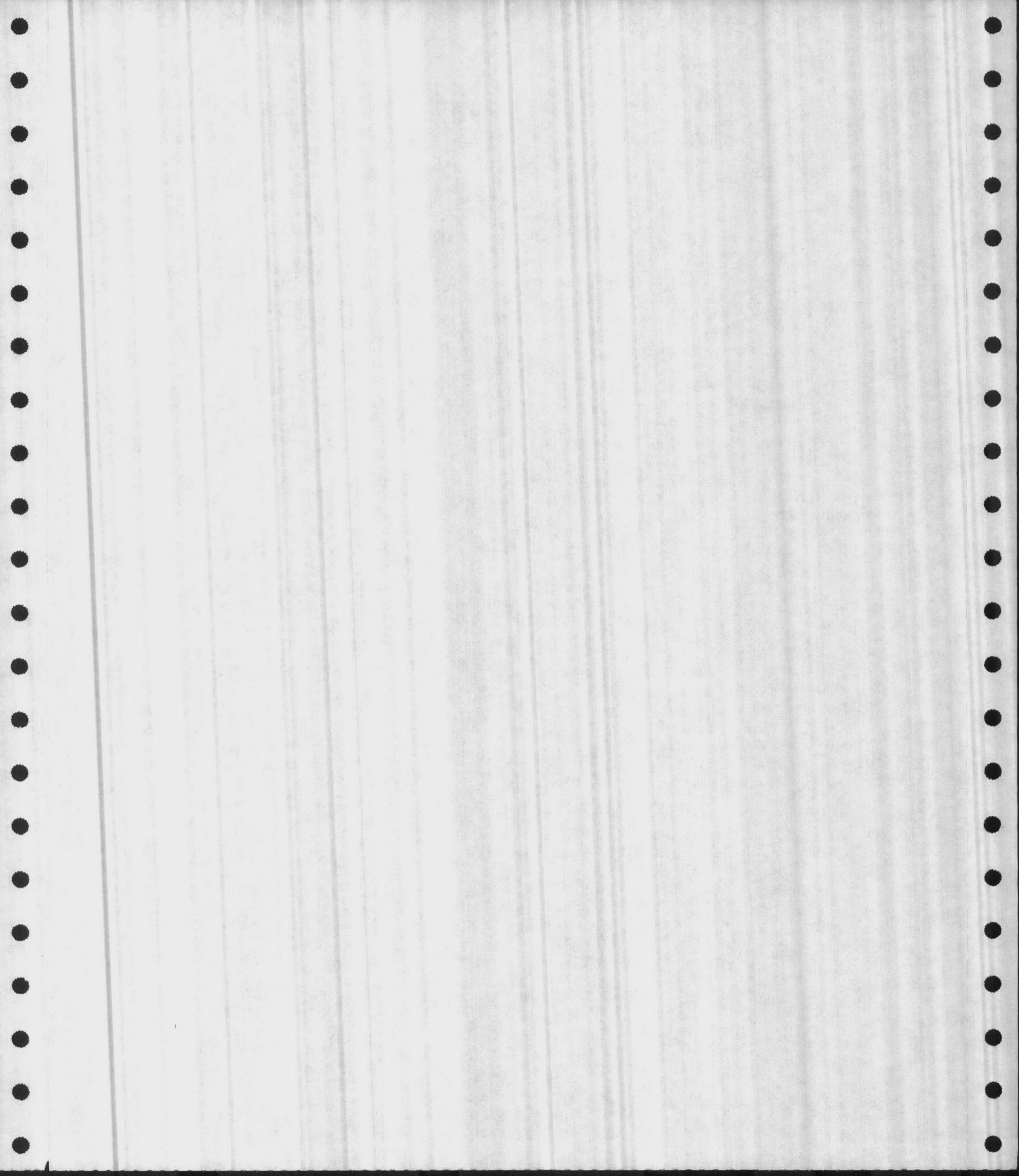
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PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 670		FROM 06/01/87 TO 12/31/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
364297	B045	07/16/87	41	DOOR,REPLACE SINGLE GLASS IN DOOR LOCATION: COMPLETED TICKET
364299	B045	07/16/87	41	DOOR,LOCK-REMOVE TUBULAR OR MORTISE LOCATION: COMPLETED TICKET
366507	B045	07/17/87	63	SEWER MACHINE, GAS OPERATED, RPR/RPI LOCATION:
367019	B045	07/20/87	71	LOAD AND HAUL CATALYST LOCATION: 670 TO THE LANDFILL
367410	B045	07/31/87	83	FEEDING RPR LIME SYSTEM LOCATION:
367413	B045	07/22/87	83	WATER WELLS (DEEP) RPR AUTOMATIC CON LOCATION: NEW WELL PUMP 004
367414	B045	07/21/87	83	METER WATER_CALIBRATE LOCATION:
368423	B045	07/22/87	51	LIGHT FIXTURE, FLUORESCENT-REPR LOCATION: PIPE GALLERY

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PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 670		FROM 06/01/87 TO 12/31/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
369519	B045	07/22/87	83	CHLORINATOR, REPAIR (REMOVE AND REPI LOCATION:
369553	B045	07/23/87	83	SILO RPR VIBRATOR ON LIME LOCATION: SPIRATOR ROOM
369859	B045	07/22/87	63	DOOR,METAL REPAIR LOCATION: SEE OPERATOR
370613	B045	07/27/87	63	VALVE GATE OR GLOBE INSTALL 1/4" TO LOCATION:
370640	B045	07/23/87	83	VALVE REPACK GATE OR GLOBE VALVE, RO LOCATION:
370825	B045	07/24/87	72	AIR COMP FOR PNEUMATIC CONTROLS, RPR



371010 B045 07/24/87 71
361511 B045 07/23/87 41

LOCATION:
LOAD AND HAUL CATALYST FOR UTILITIES
LOCATION: TO THE LANDFILL
DOOR, KNOB-REPAIR
LOCATION: HEATER ROOM

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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 670 FROM 06/01/87 TO 12/31/87

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
369519	B045	07/22/87	83	CHLORINATOR, REPAIR (REMOVE AND REPL LOCATION:
369553	B045	07/23/87	83	SILO RPR VIBRATOR ON LIME LOCATION: SPIRATOR ROOM
369859	B045	07/22/87	63	DOOR, METAL REPAIR LOCATION: SEE OPERATOR
370613	B045	07/27/87	83	VALVE GATE OR GLOBE INSTALL 1/4" TO LOCATION:
370640	B045	07/23/87	83	VALVE REPACK GATE OR GLOBE VALVE, BO LOCATION:
370825	B048	08/21/87	72	AIR COMP FOR PNEUMATIC CONTROLS, RPR LOCATION:
371010	B045	07/24/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: TO THE LANDFILL
361511	B045	07/23/87	41	DOOR, KNOB-REPAIR LOCATION: HEATER ROOM

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BUILDING NUMBER: 670 FROM 06/01/87 TO 12/31/87

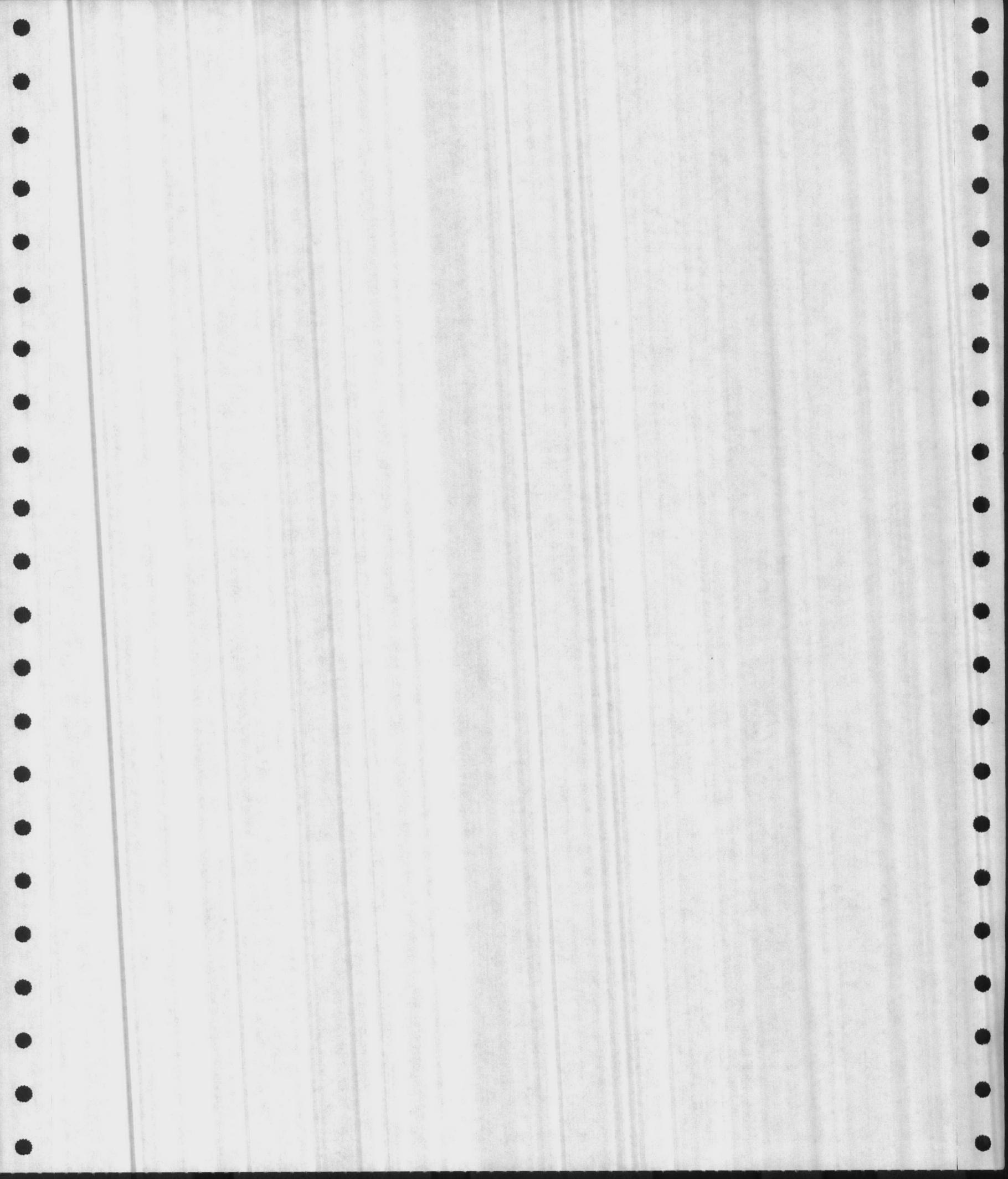
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371983	B045	07/24/87	83	CHLORINATOR, REPAIR (REMOVE AND REPL LOCATION:
372425	B045	07/27/87	71	LOAD AND HAUL CATALYST LOCATION: 670 TO THE LANDFILL
372477	B045	07/27/87	83	FENCE-CHAINLINK, REPAIR GATE LOCATION:
373998	B048	07/28/87	72	LOAD AND HAUL SAND, CATALYST, SLUDGE F LOCATION:
374310	B045	07/30/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 670 TO THE LANDFILL
375697	B045	08/21/87	63	PIPE CUT REAM-THREAD BLACK OR GALVAN LOCATION: IN SHOP
376043	B048	07/29/87	41	LOCK, REMOVE BROKEN_KEY LOCATION: COMPLETED TICKET,
376264	B048	08/05/87	41	FLOORING, ASPHALT TILE-REPLACE 41-50 LOCATION: REAR OF BLDG

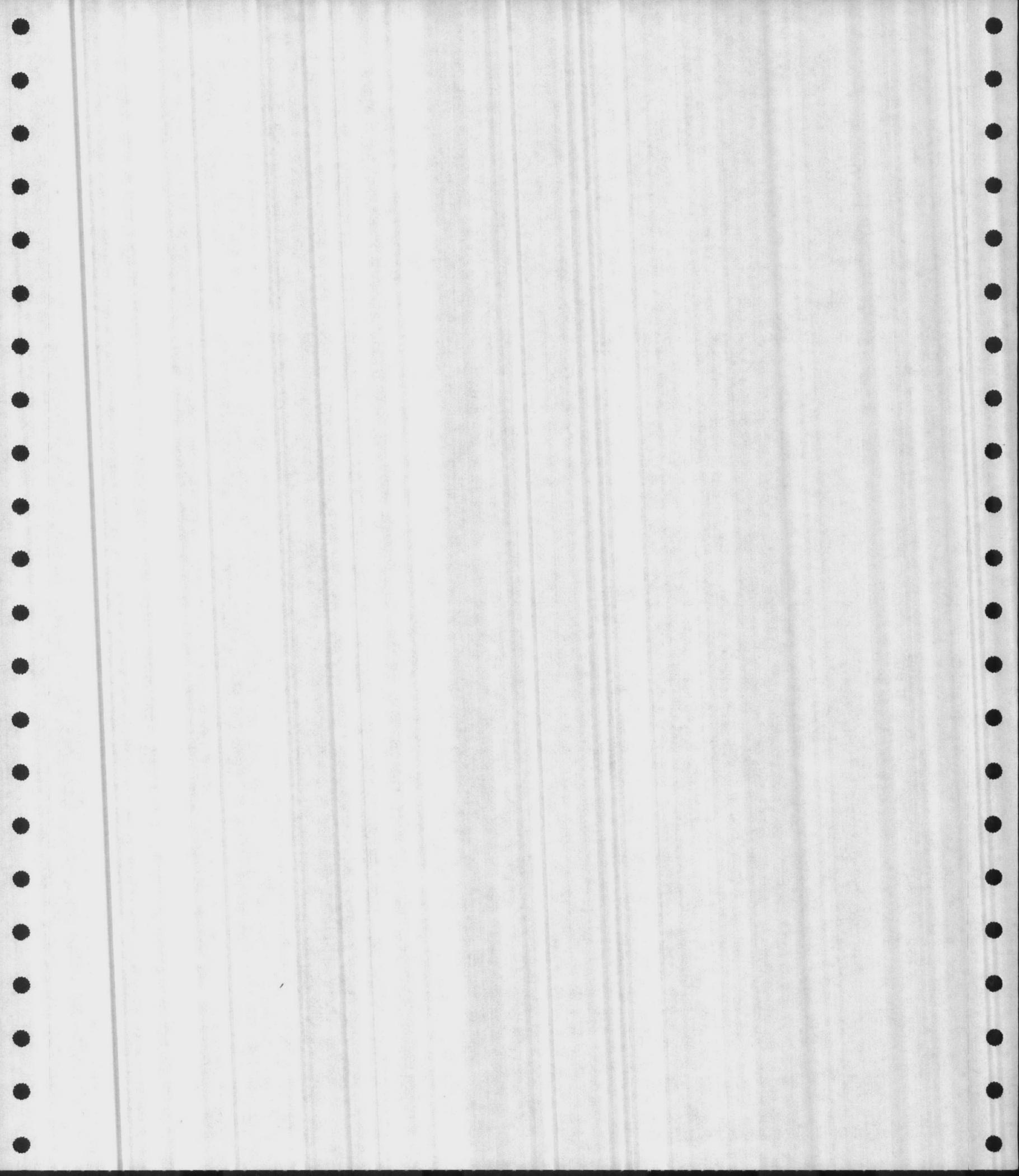
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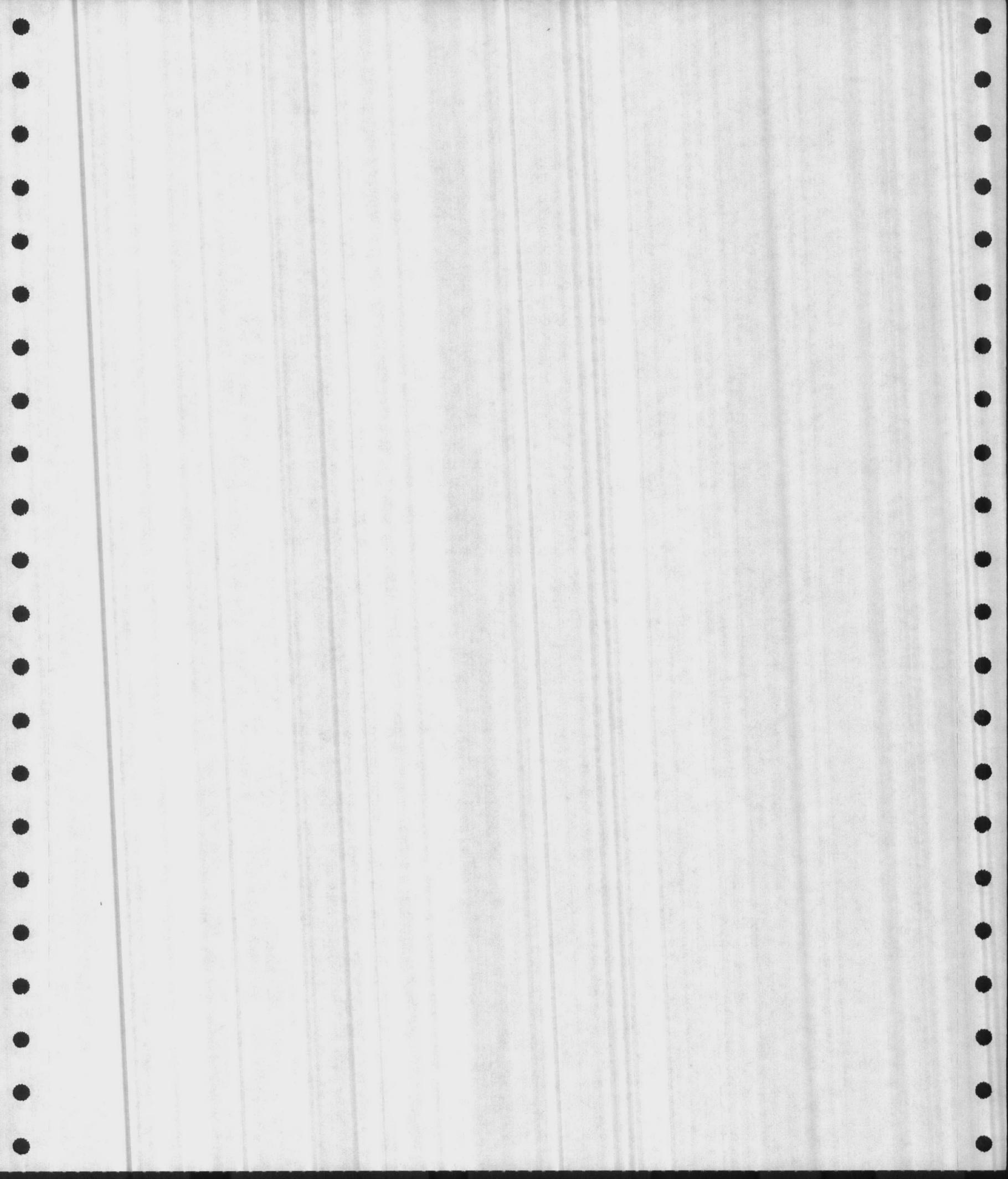
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PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 670 FROM 06/01/87 TO 12/31/87

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
376331	B048	07/29/87	51	BOX DEVICE INSTALL LOCATION: COMPLETED TICKET,
376332	B048	07/29/87	51	RECEPTACLE-INSTALL CIRCUIT AND RECEP LOCATION: COMPLETED TICKET,
376335	B048	07/29/87	51	WIRES, PULL IN CONDUIT (4#3/0, 1-20 FT LOCATION: COMPLETED TICKET,
377471	B045	07/30/87	41	LIGHT FIXTURE, FLUORESCENT-REPR LOCATION: LADDER HEAD, 2ND DECK, 450







402822	B045	08/31/87	83	VALVE-REMOVE AND REPLACE 2"-4" GATE LOCATION:
403554	B045	09/03/87	83	VALVE-REMOVE AND REPLACE 2"-4" GATE LOCATION:
403557	B045	09/01/87	83	METER WATER_CALIBRATE LOCATION:
403738	B048	09/01/87	72	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:
405207	B045	09/03/87	83	CHLORINE ALARM, REPAIR (CALIBRATE) LOCATION:
405214	B045	09/02/87	83	WELL(DEEP) INSTRUMENT RPR CONTROL SY LOCATION: LP4
* 405590	B045	09/04/87	71	LOAD AND HAUL SAND FOR UTILITIES LOCATION: BEACH TO 670

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 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER:	REQ	JOB	WORK CENTER	DESCRIPTION OF WORK
670				FROM 06/01/87 TO 12/31/87
407281	B045	10/06/87	51	COVER, ACCESS, REPLACE LOCATION:
407291	B045	09/04/87	53	A/C CENTRAL UNIT RPR/RECHARGE CENTRA LOCATION: WORK COMPLETED
407936	B045	09/08/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 670 TO THE LANDFILL
408175	B048	09/08/87	72	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:
408453	B045	09/08/87	51	LGT EXTRE, FLUOR.-RELAMP 4-10 GLASS LOCATION:
409824	B045	09/11/87	83	DUST COLLECTION SYSTEM RPR LOCATION:
411242	B045	09/10/87	83	WATER LINE - HOOK UP FRESH WATER LOCATION:
411669	B045	09/11/87	83	WATER WELLS (DEEP) RPR AUTOMATIC CON LOCATION:

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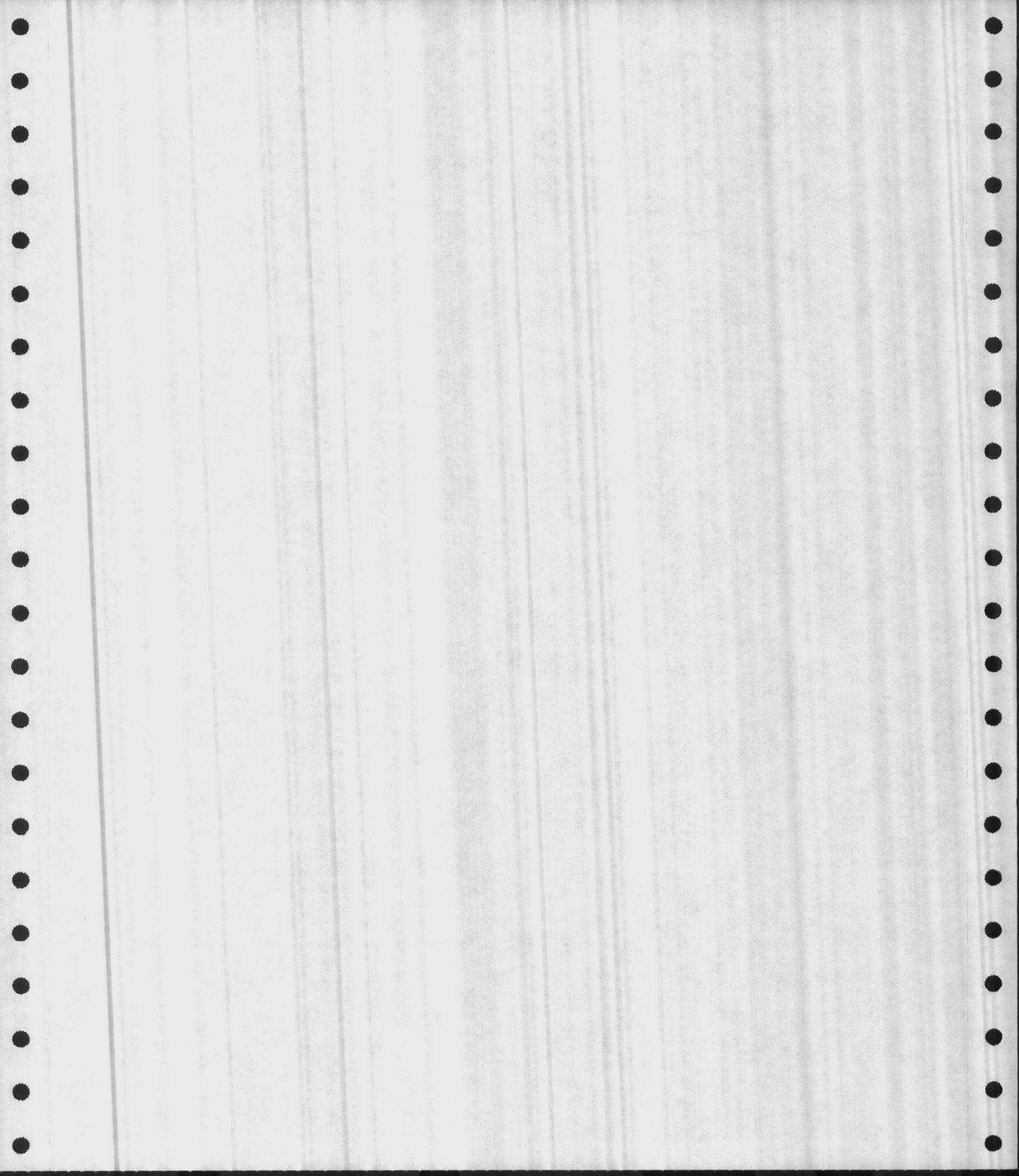
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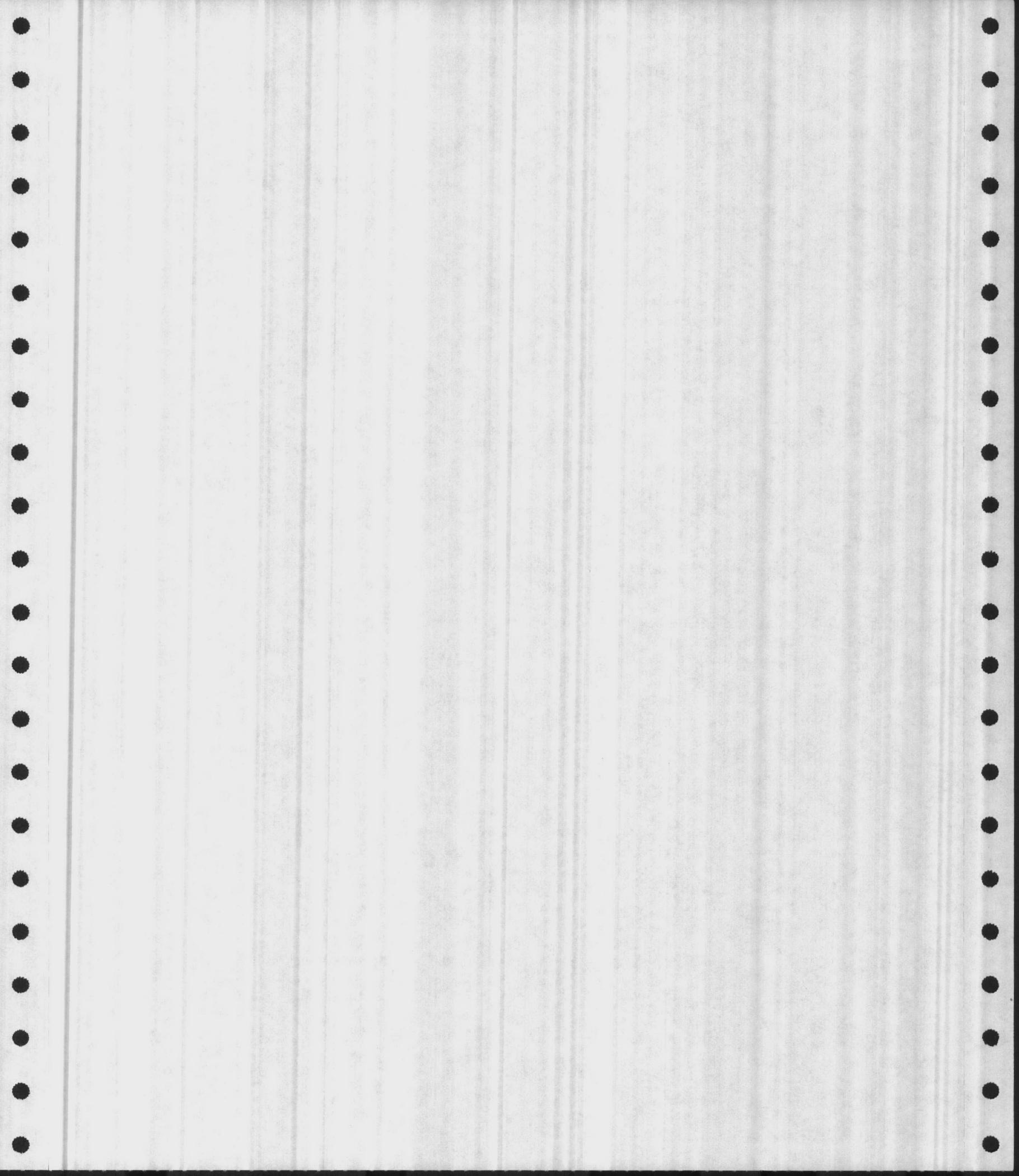
BUILDING NUMBER:	REQ	JOB	WORK CENTER	DESCRIPTION OF WORK
670				FROM 06/01/87 TO 12/31/87
412467	B045	10/06/87	83	BRACKETS-FABRICATE TAKE 2 FIRE EXTEN LOCATION:
413900	B045	09/22/87	83	PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:
413902	B045	09/16/87	83	VALVE-REMOVE AND REPLACE 2"-4" GATE LOCATION:
417207	B045	09/18/87	83	METER, ELECTRIC-INSTALL INDICATING M LOCATION:
417224	B045	09/18/87	83	UTILITIES, CUT OFF/ON INCL WATER/AIR/ LOCATION:
417949	B045	09/18/87	83	UTILITIES, CUT OFF/ON INCL WATER/AIR/ LOCATION:
418654	B045	09/21/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: 670
420048	B045	09/23/87	83	PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:

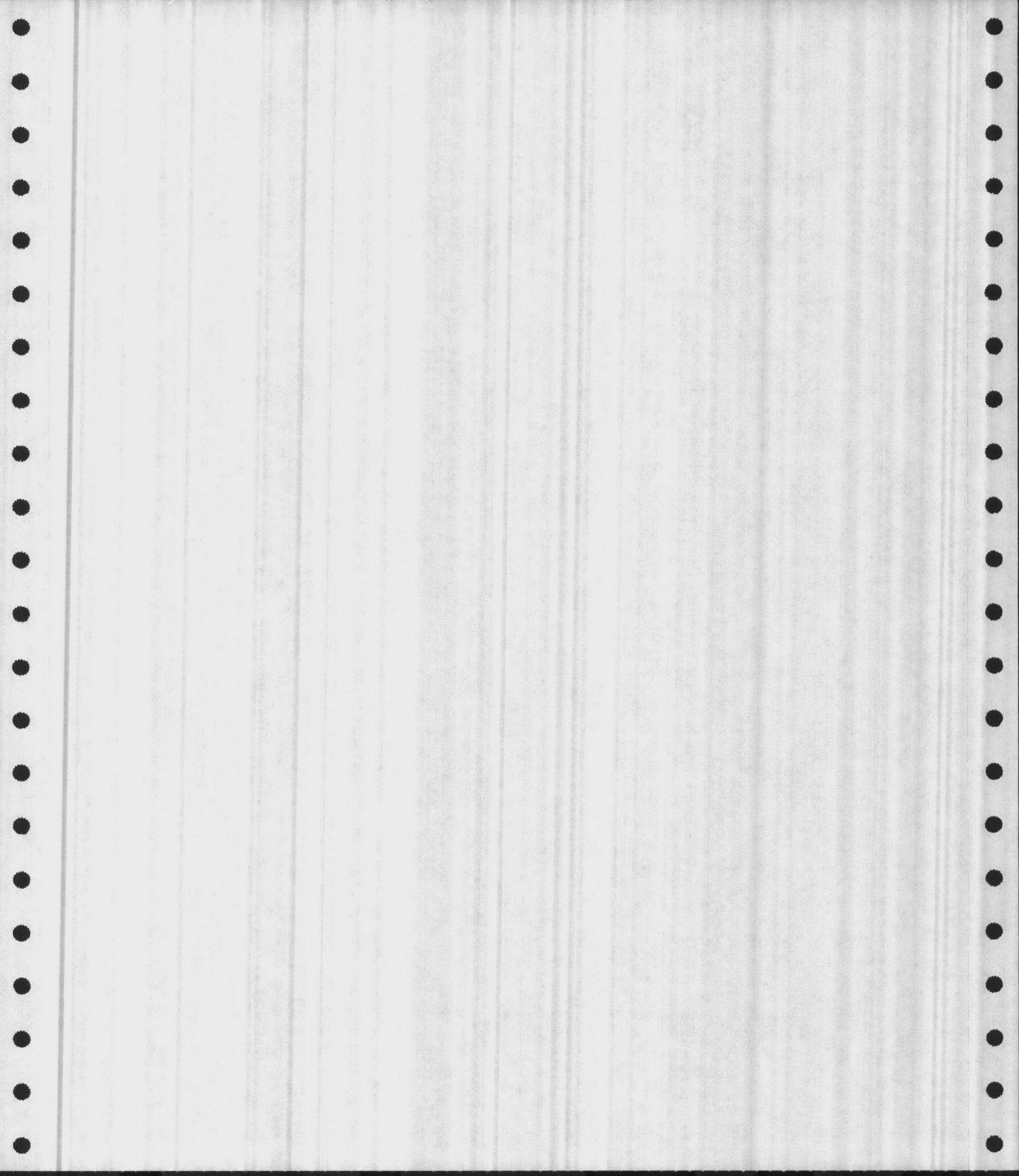
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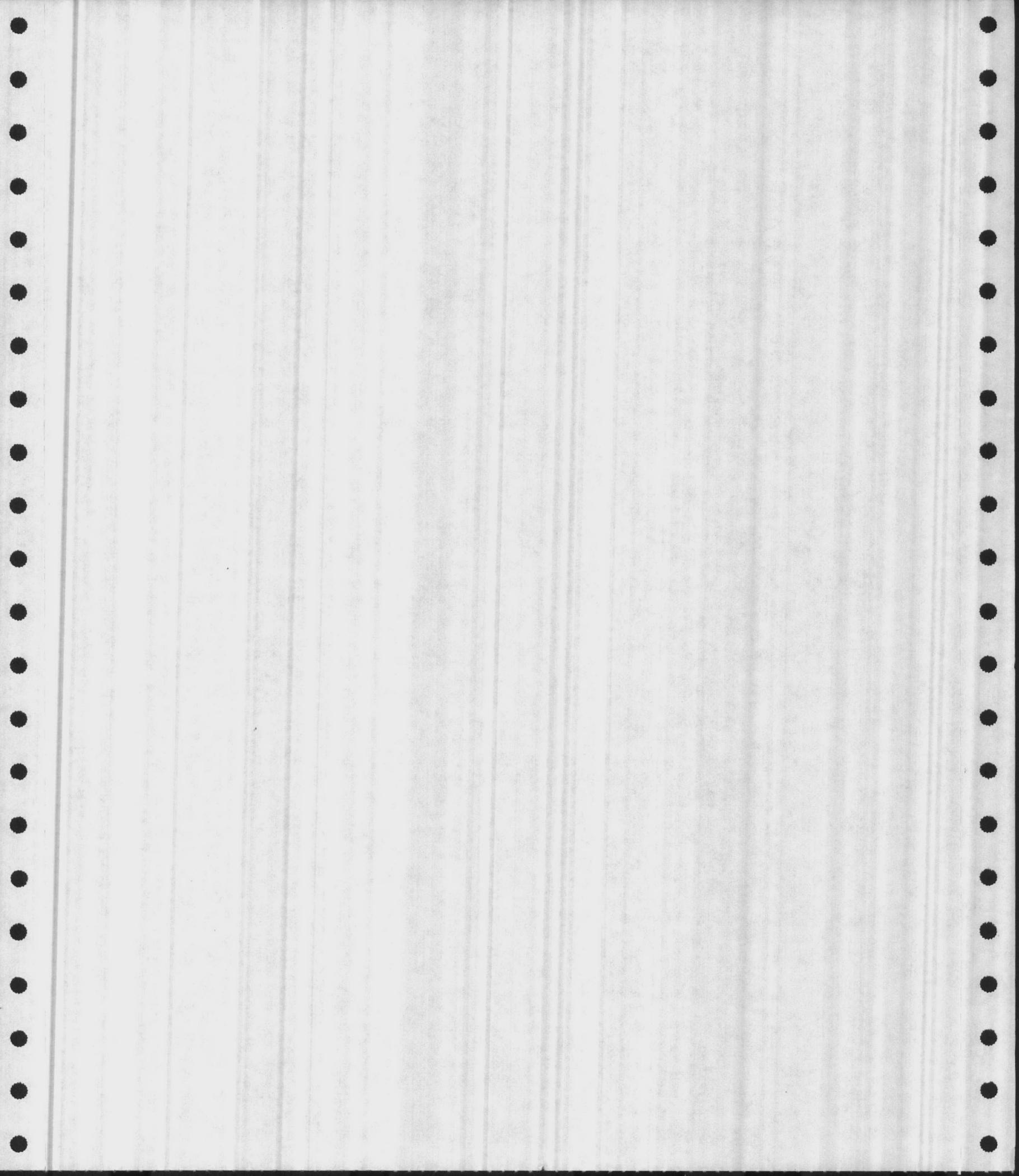
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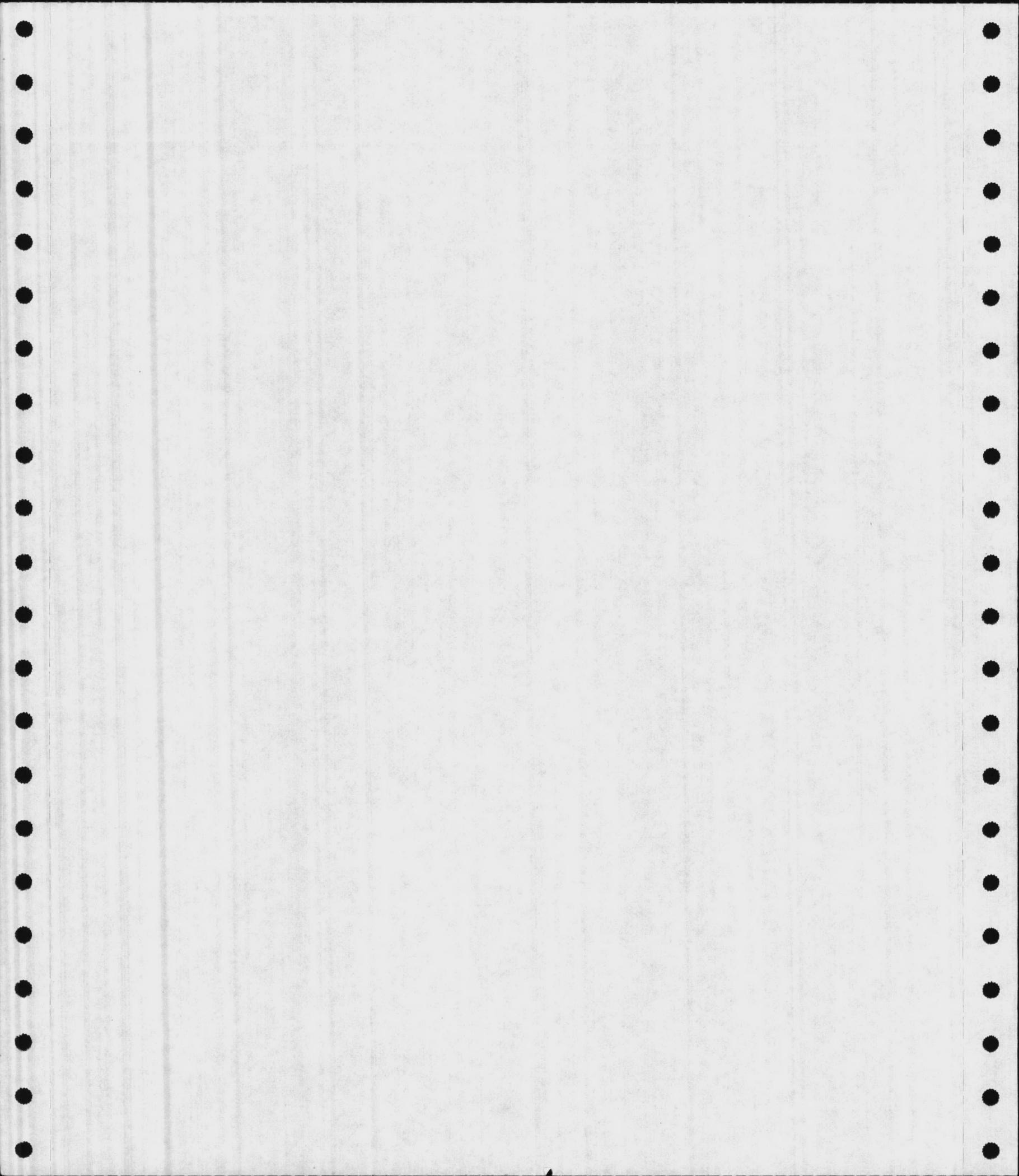
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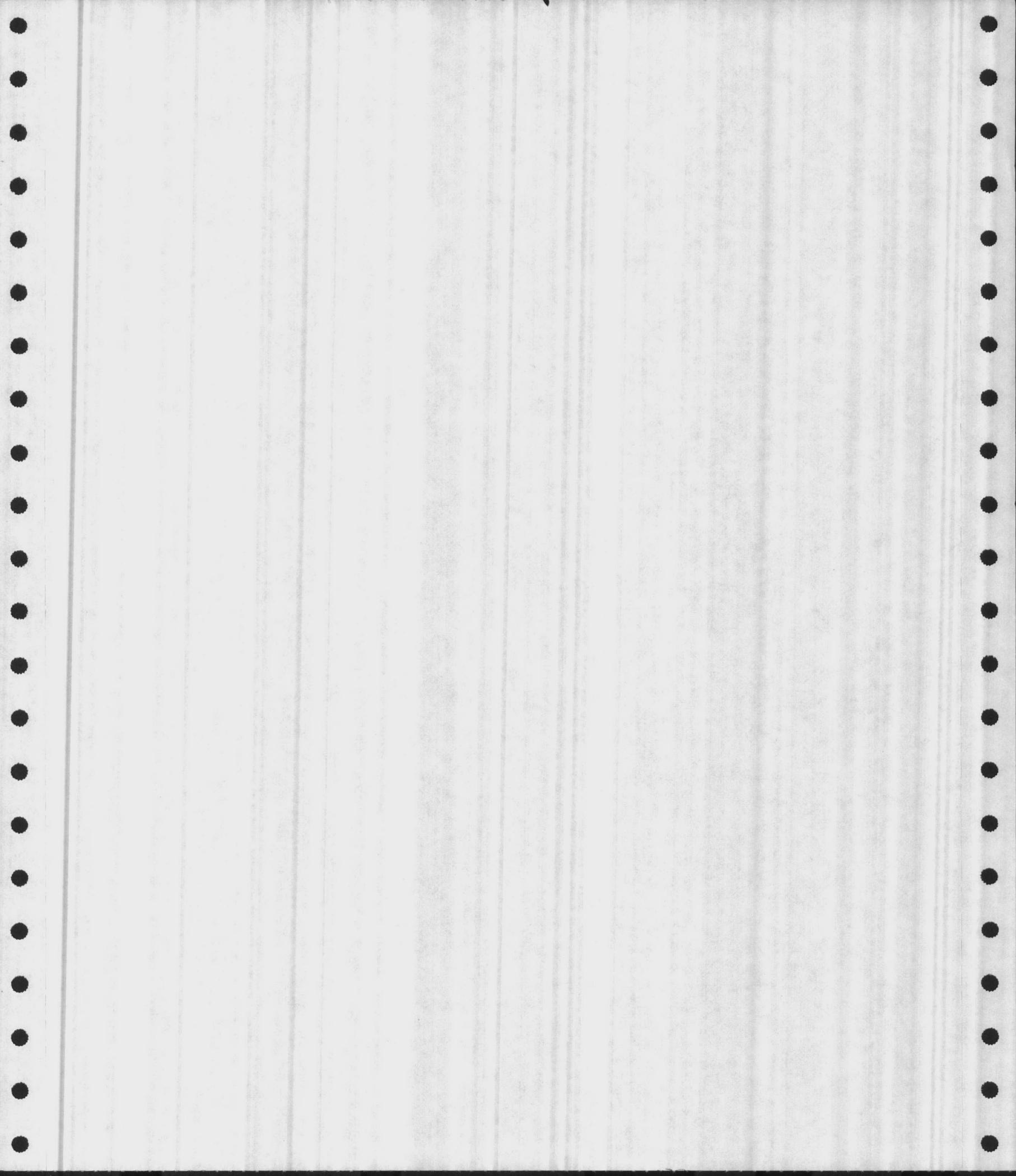


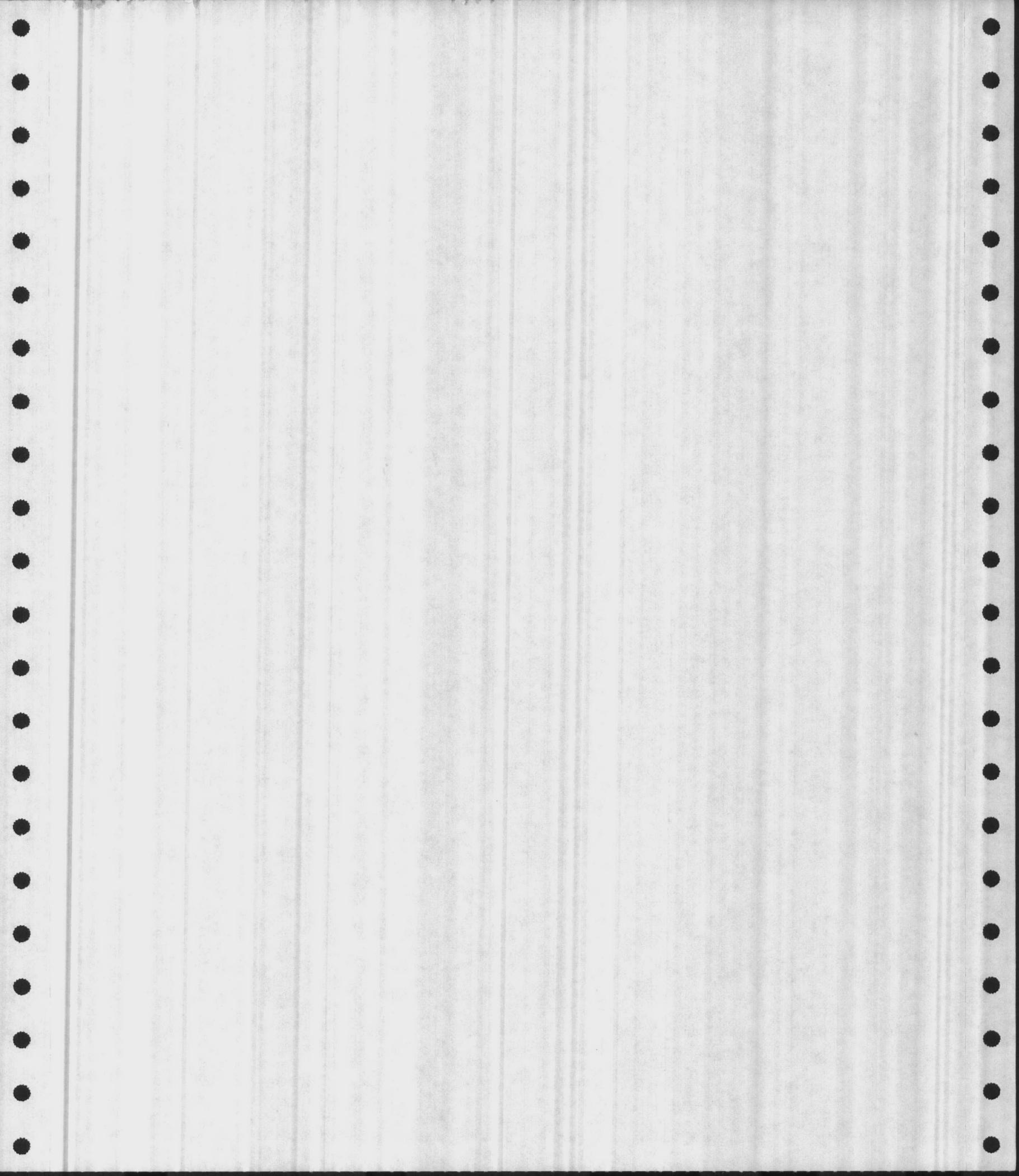


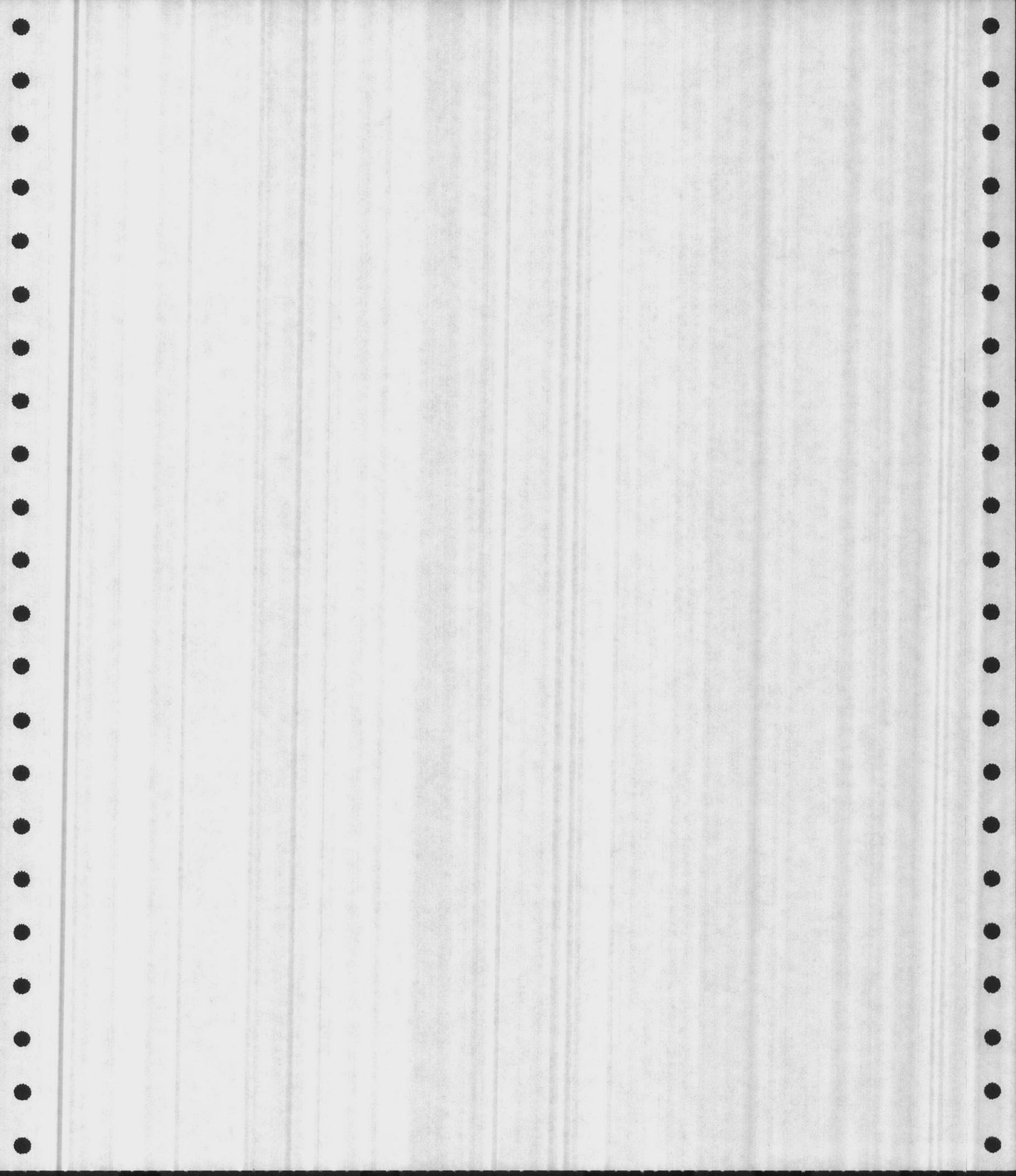


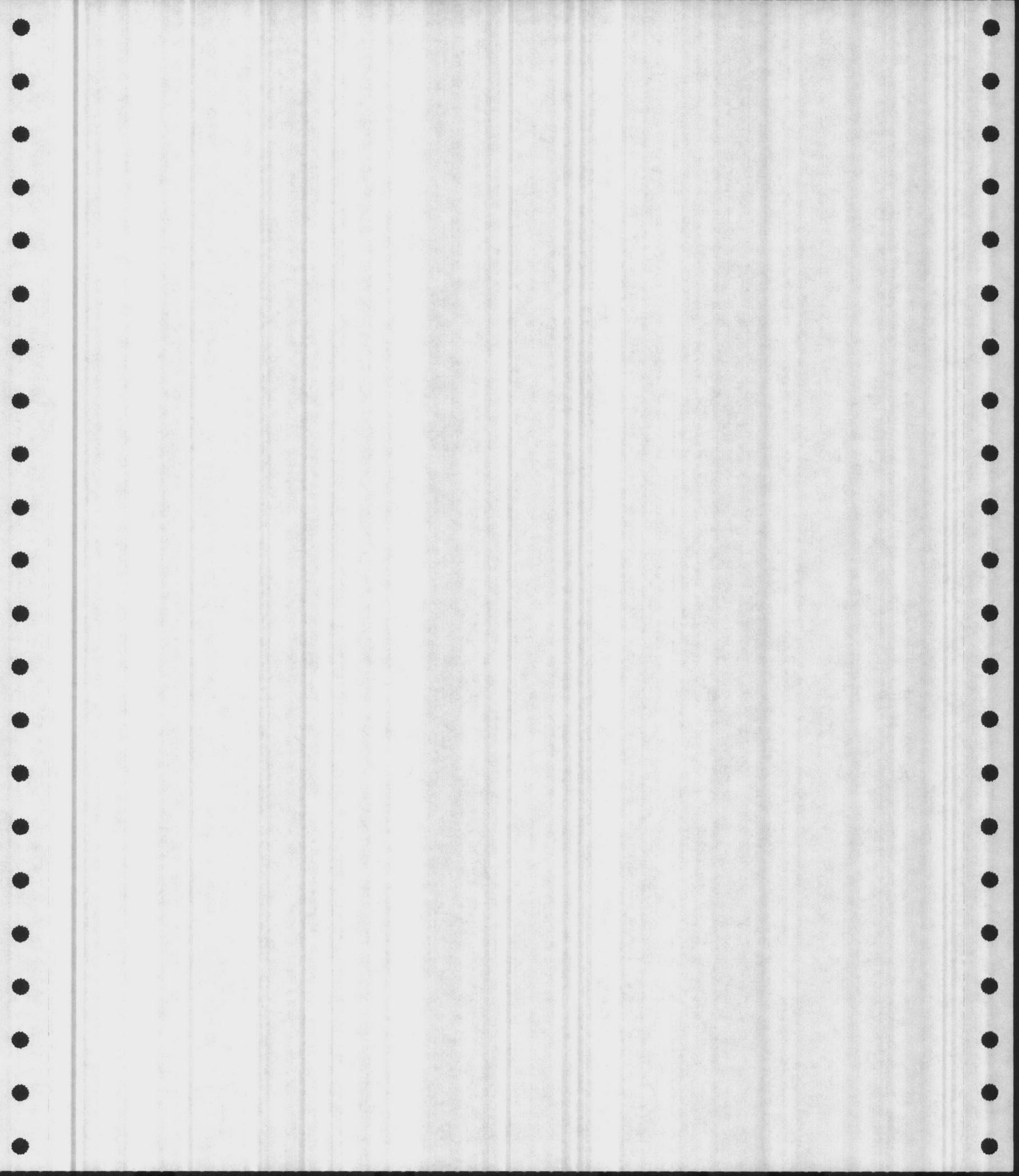


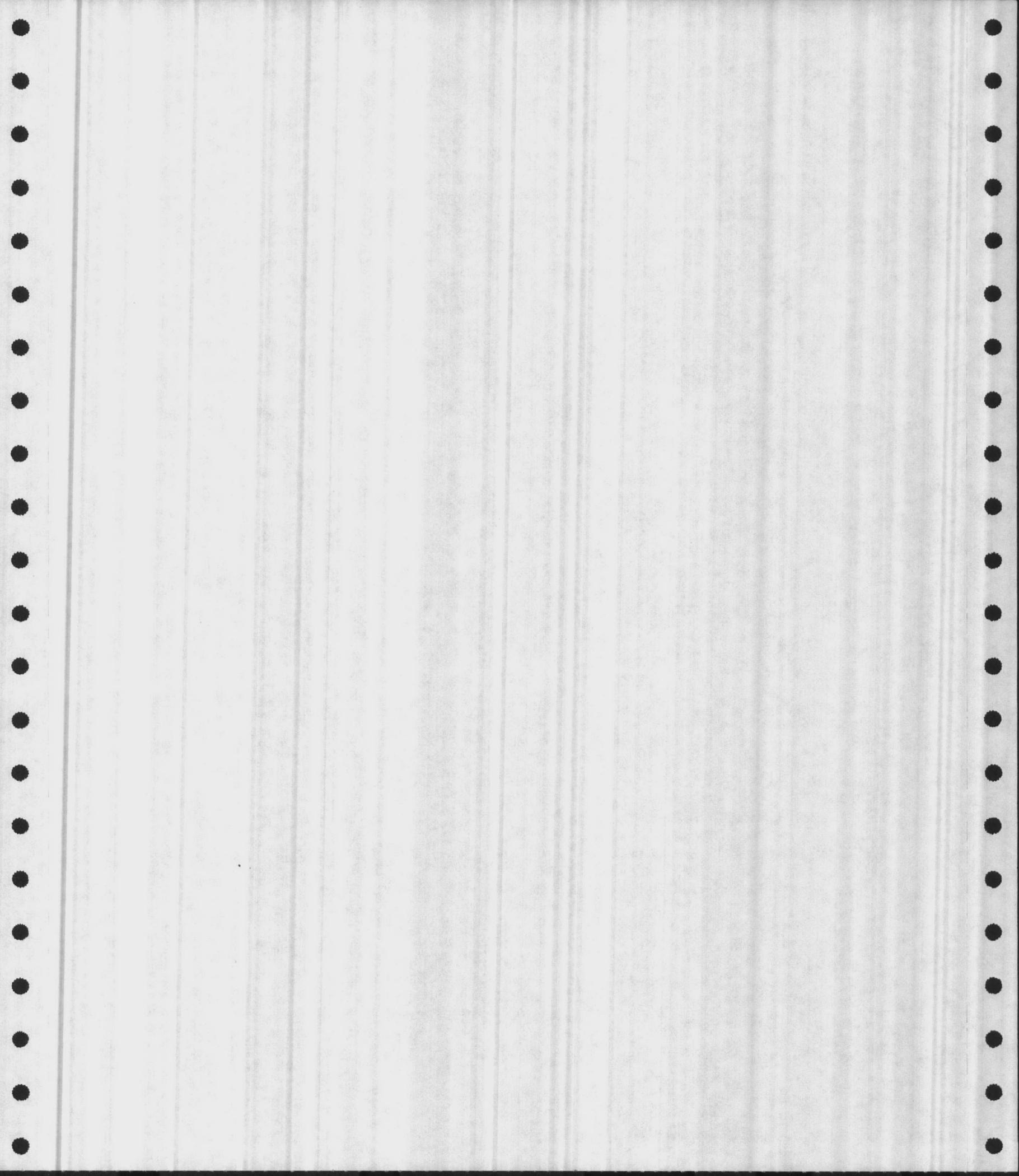












368438 B045 07/22/87 51
369754 B048 07/22/87 44

LOCATION:
CIRCUIT BREAKER-MAIN-RESET
LOCATION: SPIRATOR RM
HOLE, POINT-UP, PATCH, MASONRY SURFA
LOCATION: COMPLETED TICKET, EXTERIO

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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20 FROM 06/01/87 TO 12/31/87

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
374299	B045	07/31/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20 TO THE LANDFILL
375139	B045	07/30/87	83	FEEDING RPR LIME SYSTEM LOCATION:
375140	B045	08/10/87	63	ROOF, RPR ROOF COVERING ON BLDG, 11' LOCATION: IN SHOP
372691	B045	07/28/87	71	LOAD AND HAUL SAND FOR UTILITIES LOCATION: BEACH TO 20
376336	B048	07/29/87	51	CIRCUIT, ELECTRICAL, TROUBLE SHOOT LOCATION: COMPLETED TICKET
379425	B045	10/30/87	71	VINES REMOVE FROM FENCES AND SHRUBBE LOCATION: 20
379430	B045	10/30/87	71	LOAD AND HAUL DEBRIS--HAND LOCATION: 20
380485	B048	11/25/87	39	A/C CENTRAL UNIT RPL FREON (CHARGE) LOCATION:

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PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20 FROM 06/01/87 TO 12/31/87

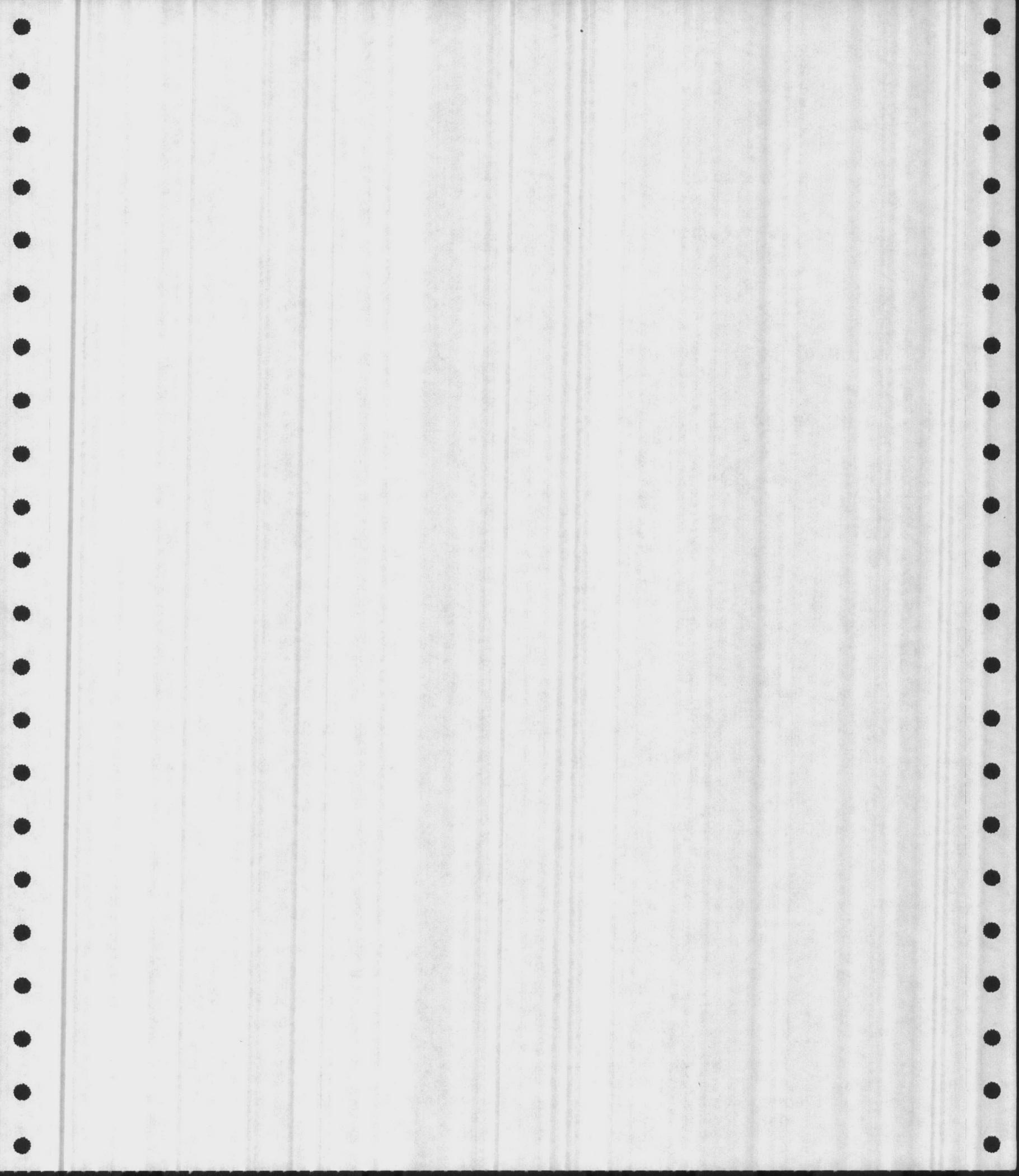
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
368431	B045	07/28/87	71	SHRUBS TREES FLOWERS TRIM AND PRUNE LOCATION: SEE OPERATOR
379524	B045	08/03/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20 TO THE LANDFILL
382272	B048	08/14/87	72	SUCK OUT SAND FORM DETENTION HOLDING LOCATION:
387585	B045	08/14/87	83	VALVE REPACK GATE OR GLOBE VALVE, 80 LOCATION:
387592	B045	08/17/87	83	SPIRATOR RPR RATE OF FLOW CONTROLLE LOCATION:
387597	B045	08/17/87	83	SPIRATOR RPR RATE OF FLOW CONTROLLE LOCATION:
387601	B045	08/11/87	83	EQUIPMENT STAND - FABRICATE (SHOP TT LOCATION:
390705	B045	08/17/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20 TO THE LANDFILL

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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20 FROM 06/01/87 TO 12/31/87

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
387589	B045	08/14/87	83	PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:
391687	B045	08/17/87	83	PIPE SECTION-FAB/INSTALL/RPLC 10FT W LOCATION:
393111	B045	08/21/87	63	COVER, METAL - FABRICATE AND INSTALL LOCATION: IN SHOP
394130	B045	08/20/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20 TO THE LANDFILL



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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER	TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
20					FROM 06/01/87 TO 12/31/87
	358322	B045	07/09/87	83	CHLORINE ALARM, REPAIR (ELECTRONIC C LOCATION:
	349500	B048	07/08/87	39	SWITCH-INSTALL ON CONCRETE LOCATION: CHLORINE ROOM
	349072	B048	07/08/87	39	FAN, INDUSTRIAL EXHAUST-REPAIR LOCATION: PUMP ROOM
	359882	B045	07/09/87	83	RECARBONATION SYSTEM RPR LOCATION:
	361149	B045	07/14/87	83	PUMP, REPACK POSITIVE DISPLACEMENT P LOCATION:
	361420	B045	07/13/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: BLDG 20
	361448	B045	07/14/87	63	R1 RAILING, STEEL, STAIRWAY FABRICAT LOCATION: #1 FILTER
	361451	B045	07/14/87	63	R1 INSTALL HANDRAIL 10LF TO EXISTING LOCATION: #1 FILTER

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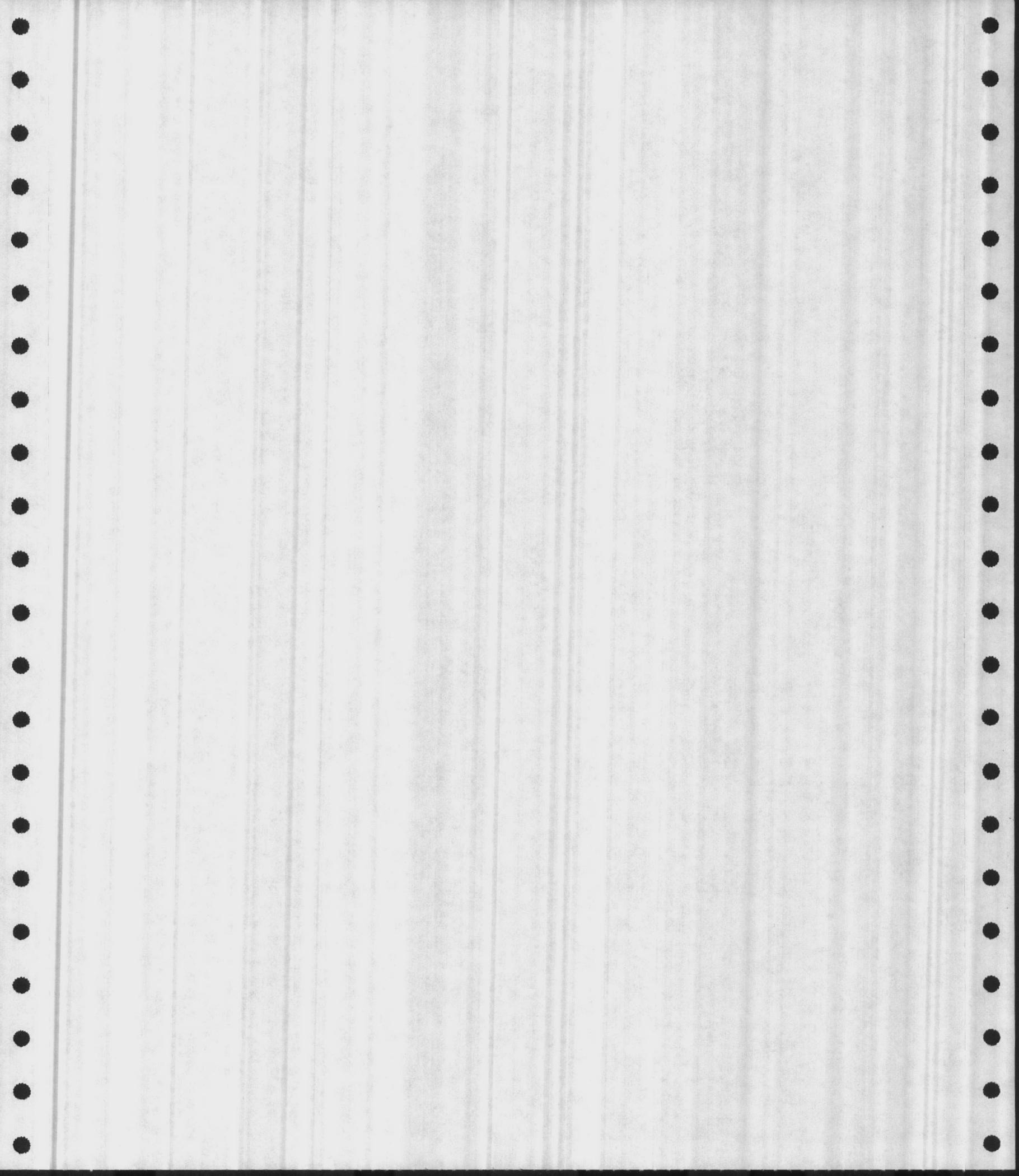
PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER	TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
20					FROM 06/01/87 TO 12/31/87
	361952	B045	07/14/87	83	LIME SYSTEM CONTROLS RPR LOCATION:
	361963	B045	07/14/87	83	LIME SYSTEM CONTROLS RPR LOCATION:
	362079	B045	07/13/87	83	LADDER, METAL - FABRICATE (SHOP TIME) LOCATION:
	362174	B045	07/13/87	83	PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:
	362545	B045	07/13/87	83	MOVE 16-20 MINOR OBJECTS TO ANOTHER LOCATION:
	357656	B045	07/09/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20 TO THE LANDFILL
	363448	B045	07/14/87	83	LIME SYSTEM CONTROLS RPR LOCATION:
	364301	B045	08/17/87	39	VENT- INSTALL 10" EXHAUST STACK VENT LOCATION:

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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER	TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
20					FROM 06/01/87 TO 12/31/87
	365259	B048	07/15/87	61	GAS, REPAIR L.P GAS PLANT EQUIPMENT LOCATION: OUTSIDE BLDG
	365415	B045	07/16/87	63	SILO RPR VIBRATOR ON LIME LOCATION: SEE OPERATOR
	366644	B045	07/20/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: BLDG 20
	367013	B045	07/17/87	71	LOAD AND HAUL CATALYST LOCATION: 20 TO THE LANDFILL
	367411	B045	07/21/87	83	FEEDING RPR LIME SYSTEM LOCATION:
	367412	B045	07/21/87	83	COMPRESSOR-REPLACE



PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

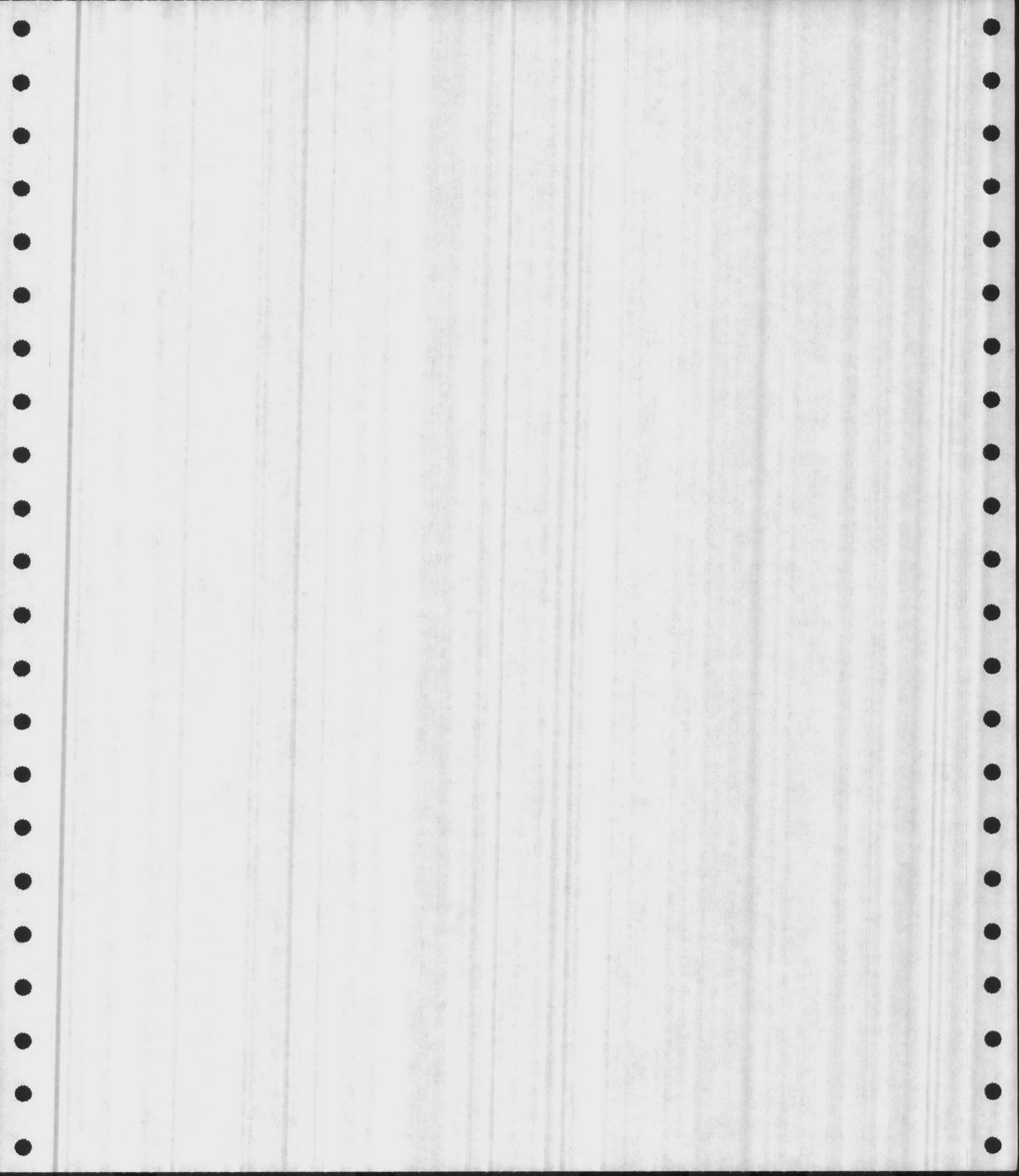
BUILDING NUMBER:	20	FROM 06/01/87 TO 12/31/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
341598	B045	06/12/87	83	LIME SYSTEM CONTROLS RPR LOCATION:
342357	B045	06/12/87	83	CHAIN, RPR SAFETY CHAIN TO GAS TANK LOCATION:
342428	B048	10/15/87	63	DOOR, METAL REPAIR LOCATION: RAW WATER PUMP RM
342453	B048	07/08/87	39	FAN, RESTROOM EXHAUST-REPAIR SMALL F LOCATION: TRANS PER SHOP 51 TO SHOP
342736	B045	06/15/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20 TO THE LANDFILL
344609	B048	06/16/87	51	CORD, RUBBER COVERED SO(10/4) AND PLU LOCATION: NEAR GENERATOR
342153	B048	06/18/87	51	PANEL, CIRCUIT BREAKER INSTALL(225A, 1 LOCATION: PUMP 2
347306	B045	06/22/87	71	LOAD AND HAUL CATALYST TO THE LANDFI LOCATION: 20 TO THE LANDFILL

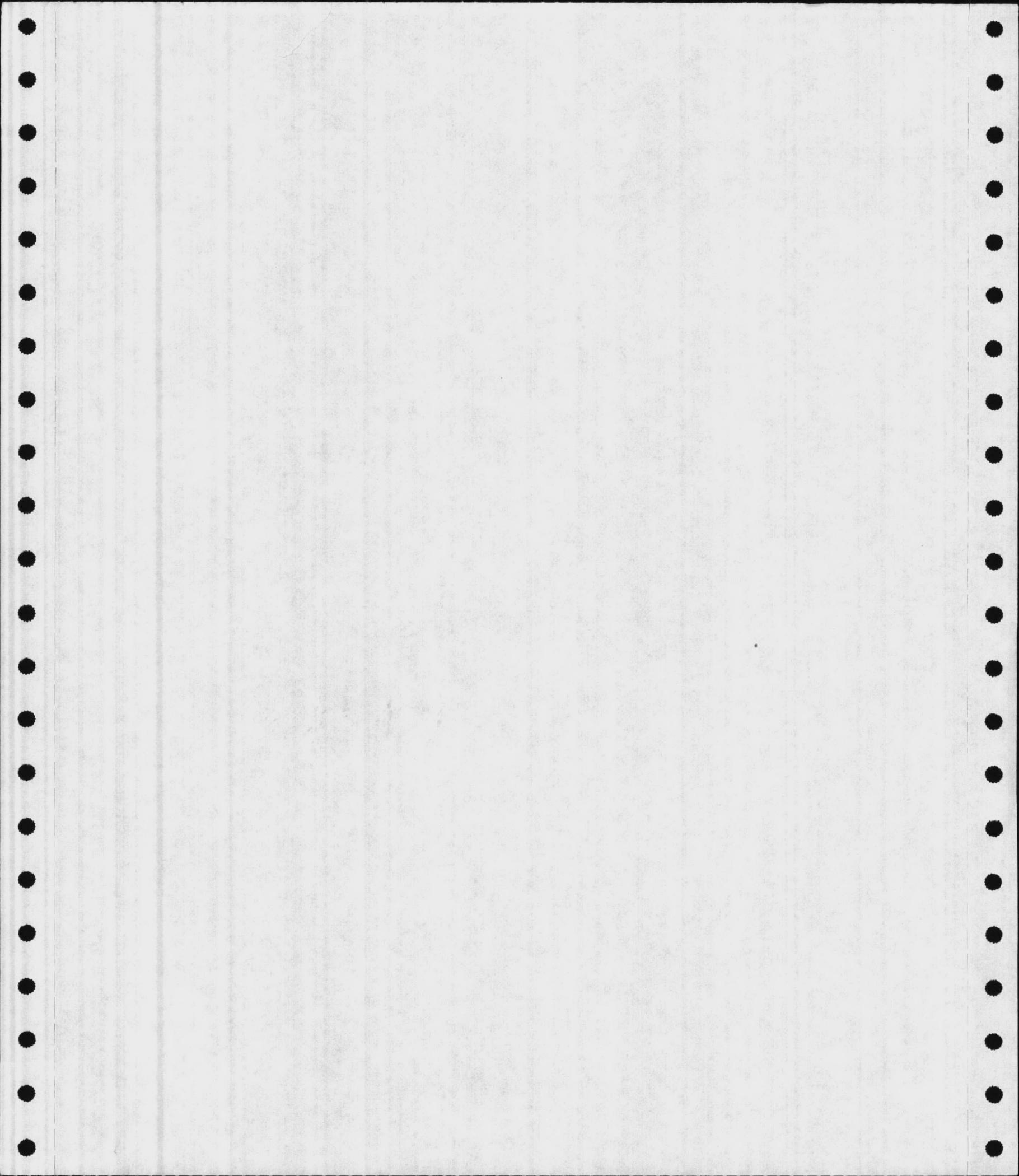
PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

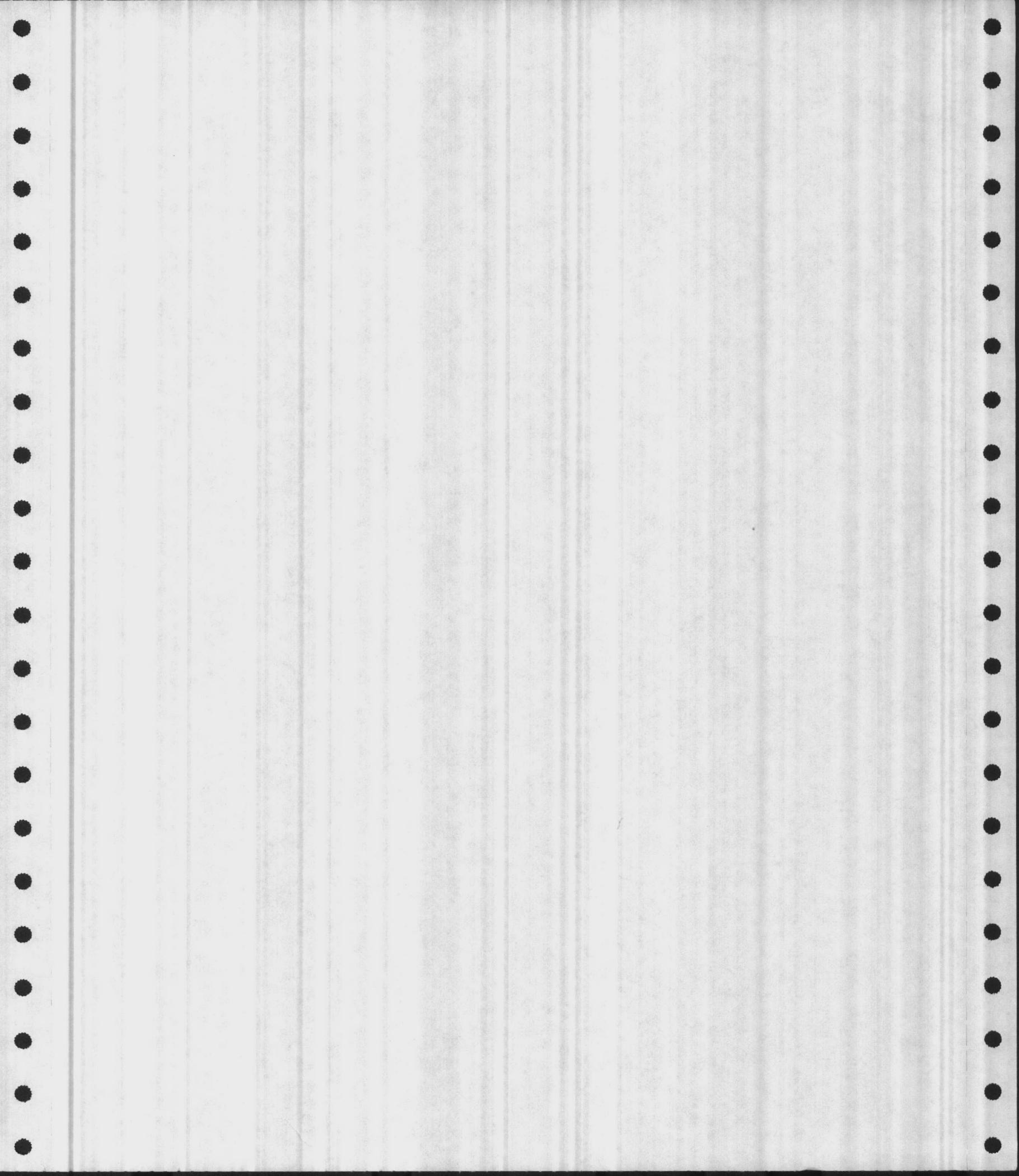
BUILDING NUMBER:	20	FROM 06/01/87 TO 12/31/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
349704	B048	06/26/87	63	DUCT INSTALL UP TO 10" X 14" LOCATION: FRONT OF BLDG., ON MAIN S
349710	B048	06/26/87	63	DUCT WORK, INSTALL ONE GRILL IN A DU LOCATION: FRONT OF BLDG., ON MAIN S
349823	B048	06/24/87	39	DRAIN, CLEAN OUT UTILITY DRAIN LOCATION: PPE CALLEY
350970	B045	06/25/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20
345966	B048	06/24/87	72	GENERATOR, EMERGENCY, TROUBLESHOOT LOCATION:
352999	B045	06/29/87	83	TANK HOLDING-CLEAN OUT (64-5000 CU F LOCATION:
349698	B048	06/26/87	63	PIPE HVAC INSTALL LOCATION: FRONT OF BLDG., ON MAIN SE
352084	B045	06/26/87	83	FEEDING RPR LIME SYSTEM LOCATION:

PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER:	20	FROM 06/01/87 TO 12/31/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
355269	B045	07/13/87	51	PUMP, BOOSTER-ELEC. CHECK AND REPAIR LOCATION: #3 HIGHLIFT PUMP
355546	B048	07/01/87	72	LOAD AND HAUL DEBRIS-MACHINE LOCATION:
356881	B045	07/09/87	83	METER WATER_CALIBRATE LOCATION:
356917	B048	07/06/87	63	GLASS, REPLACE WINDOW OR DOOR GLASS LOCATION: FRONT OF BLDG. (COMPLETED
356936	B048	07/06/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20
357000	B045	07/10/87	83	SPIRATOR RPR RATE OF FLOW CONTROLLE LOCATION: #1 SPIRATOR
357970	B048	07/07/87	39	DRAIN SEWER, UNCLOG MAIN LOCATION:







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BUILDING NUMBER	TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
					FROM 06/01/87 TO 12/31/87
					20
					319466 B045 06/03/87 41 DOOR, LOCK-REPLACE TUBULAR LOCK LOCATION: GENERATOR DOOR_PANEL
					327726 B048 07/06/87 39 FOUNTAIN, DRINKING-REPAIR DRAIN, LEAK LOCATION:
					329673 B045 06/02/87 83 VALVE, REPAIR BUTTERFLY VALVE (MANUA LOCATION:
					330244 B045 06/19/87 83 PUMP, REPACK POSITIVE DISPLACEMENT P LOCATION:
					330689 B045 06/19/87 83 PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:
					331385 B048 06/24/87 72 GENERATOR, EMERGENCY, TROUBLESHOOT LOCATION:
					331760 B045 06/02/87 71 LOAD AND HAUL CATALYST TO THE LANDFI LOCATION: 20 TO THE LANDFILL
					333761 B048 10/13/87 61 DRAIN, FLOOR-UNCLOG DRAIN LOCATION: INFIPE GALLEY

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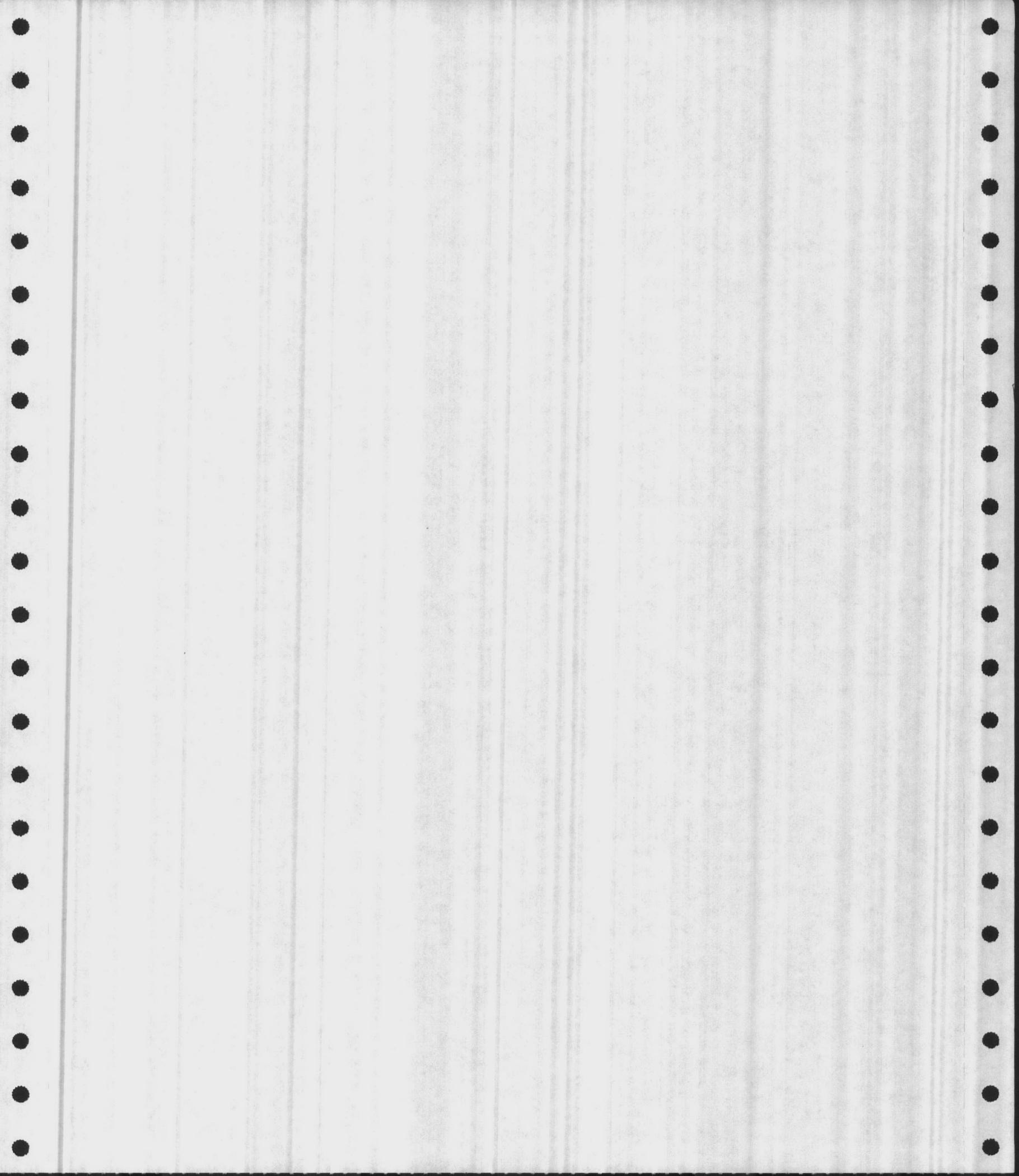
PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

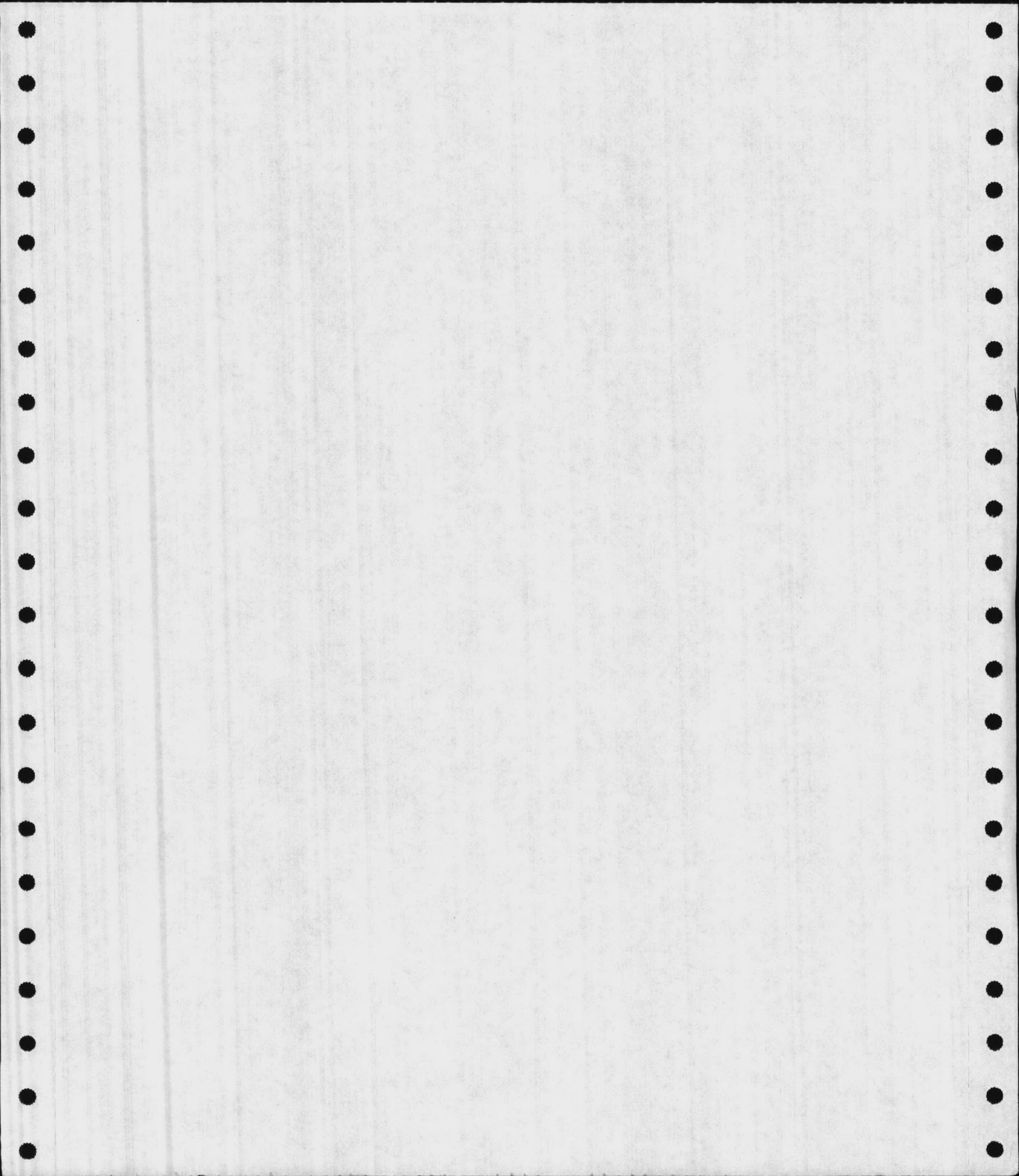
BUILDING NUMBER	TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
					FROM 06/01/87 TO 12/31/87
					20
					333946 B048 06/01/87 51 GENERATOR, EMERGENCY, TROUBLESHOOT LOCATION:
					335347 B045 06/02/87 83 WATER SOFTENER RPR_(WILL NOT OPERATE LOCATION:
					335833 B045 06/09/87 43 WINDOW, FABRICATE FRAME(UP TO 36" X 5 LOCATION: SEE OPERATOR FOR LOCATION
					335849 B045 06/08/87 39 FOUNTAIN, DRINKING-REPAIR DRAIN, LEAK LOCATION:
					336519 B045 06/04/87 71 LOAD AND HAUL CATALYST TO THE LANDFI LOCATION: 20 TO THE LANDFILL
					337508 B045 06/05/87 83 FEEDER RPR FLUORIDE LOCATION:
					334746 B048 10/01/87 63 HOIST ELECTRIC MINOR RPR LOCATION: 2D DECK 5/4 0031 1TN
					337781 B045 06/04/87 83 FEEDER RPR FLUORIDE LOCATION:

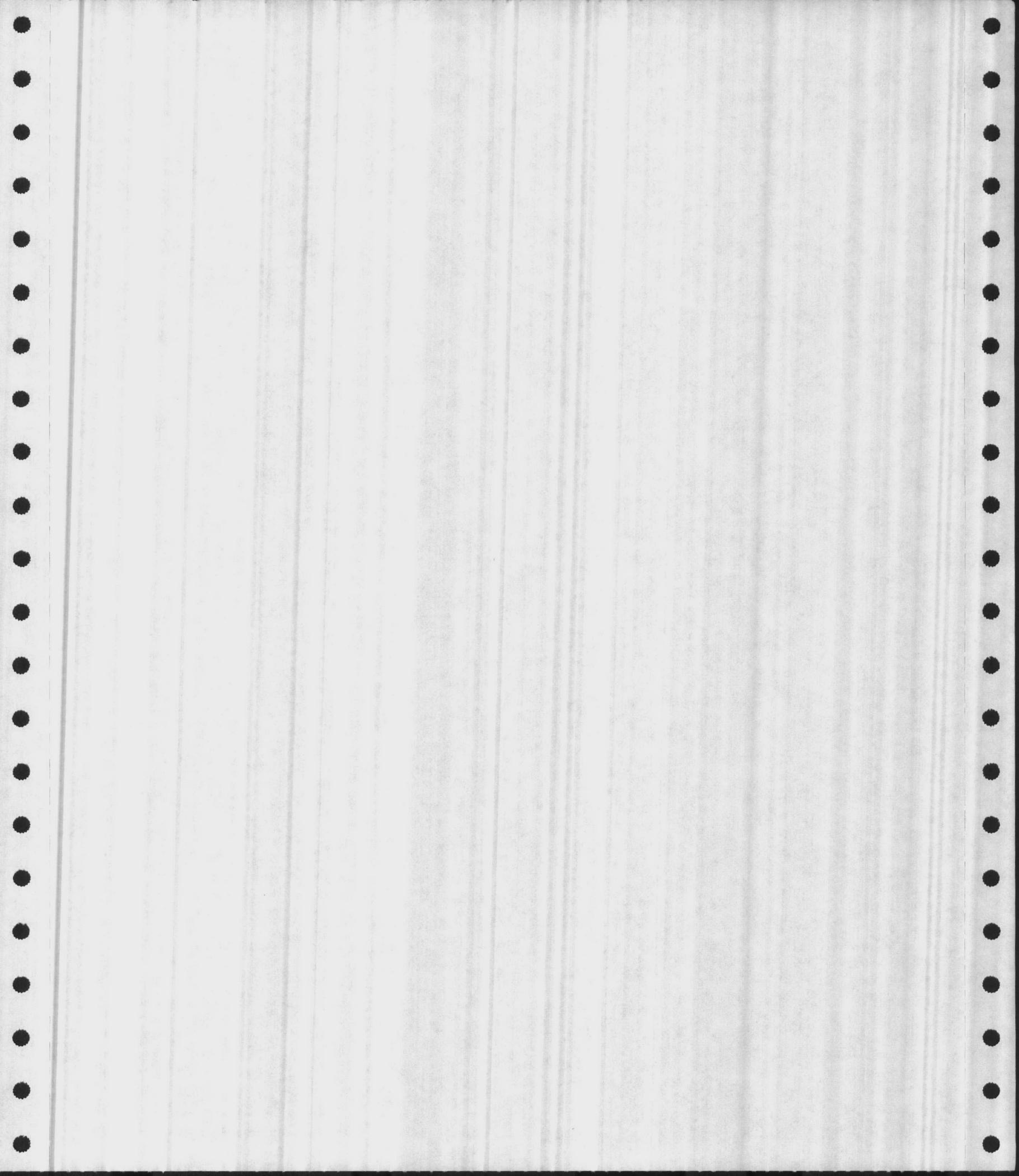
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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER	TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
					FROM 06/01/87 TO 12/31/87
					20
					335348 B045 06/05/87 83 LIME SYSTEM CONTROLS RPR LOCATION:
					339116 B045 06/08/87 71 LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20 TO THE LANDFILL
					339594 B045 06/19/87 83 PUMP, REPACK POSITIVE DISPLACEMENT P LOCATION: LIMEPUMP #2 SPIRATOR
					340494 B045 06/09/87 83 WATER LINE - CHECK PRESSURE LOCATION:
					340559 B045 06/12/87 83 WATER LINE - CHECK PRESSURE LOCATION:
					338315 B045 06/08/87 83 SPIRATOR RPR RATE OF FLOW CONTROLLE LOCATION:
					340975 B048 06/11/87 71 LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: FROM BLDG 20 TO THE LANDF
					341327 B045 06/12/87 51 PUMP, REPAIR (UNCLOG CHECK VALVE) LOCATION: PUMP #2 HIGH LIFT PUMP_TR







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Sand banded

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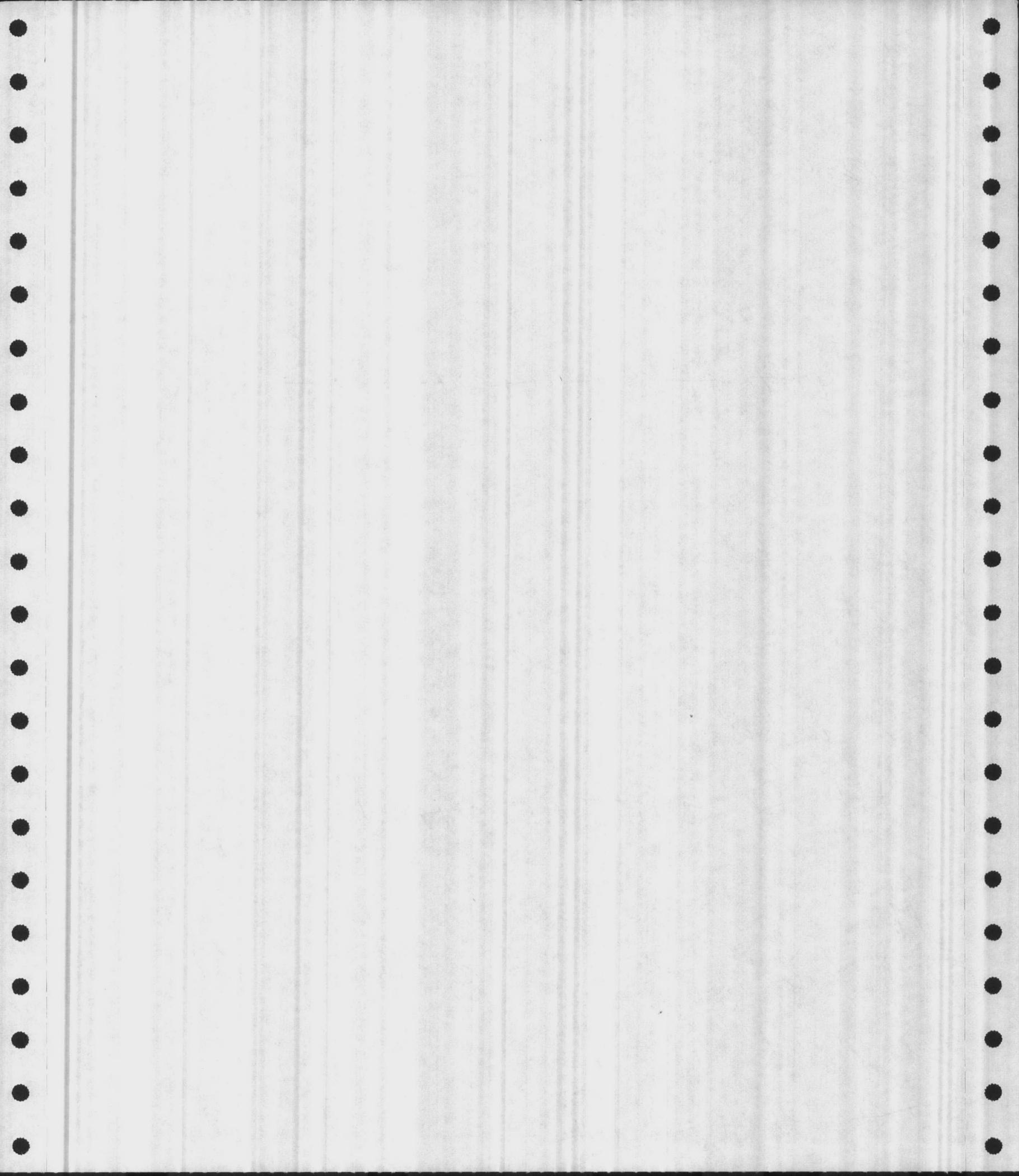
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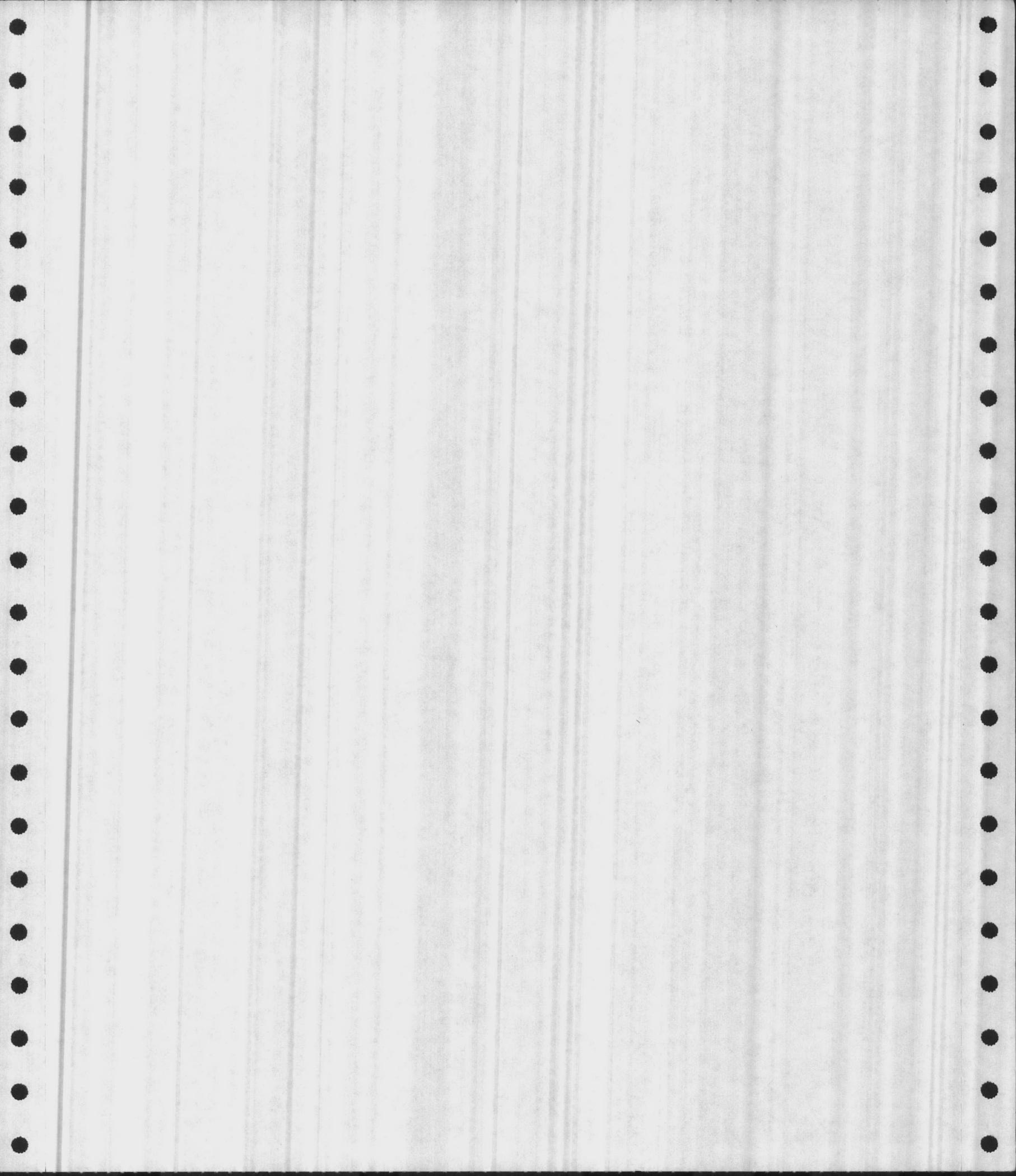
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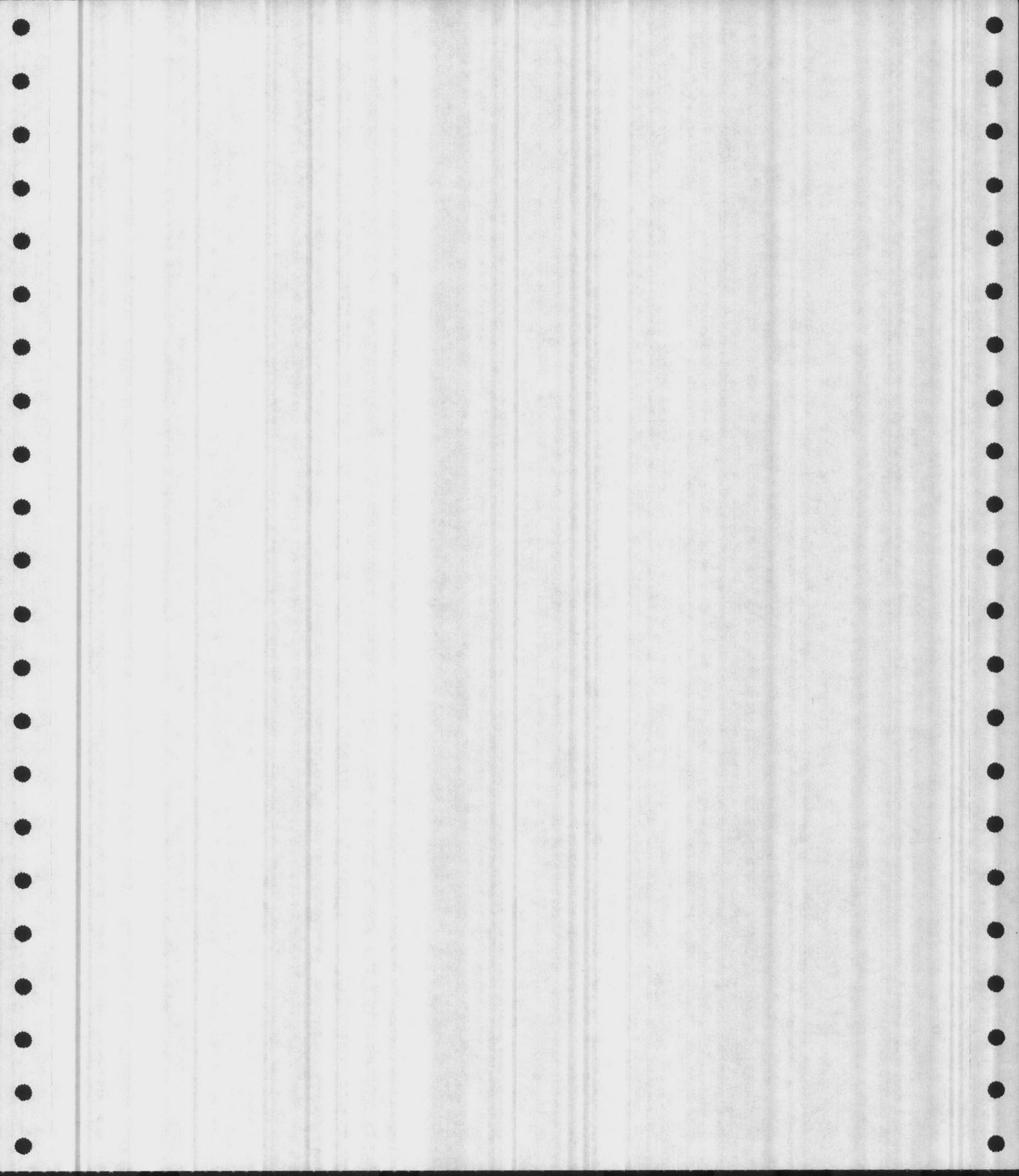
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Sept 6 mo 1987





BUILDING NUMBER	TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
AS110					FROM 01/01/87 TO 06/30/87
	256194	B045	02/05/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:
	262163	B045	02/17/87	83	PUMP, REPAIR (1000 TO 2500 GPM) LOCATION:
	267316	B045	02/26/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:
	269340	B045	03/02/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:
	269787	B045	03/05/87	83	SILO RPR VIBRATOR ON LIME LOCATION:
	272603	B045	03/09/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:
	274155	B045	03/13/87	83	TELEMETER RPR (INOPERATIVE)(RAW WATE LOCATION:
	275712	B045	03/12/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:

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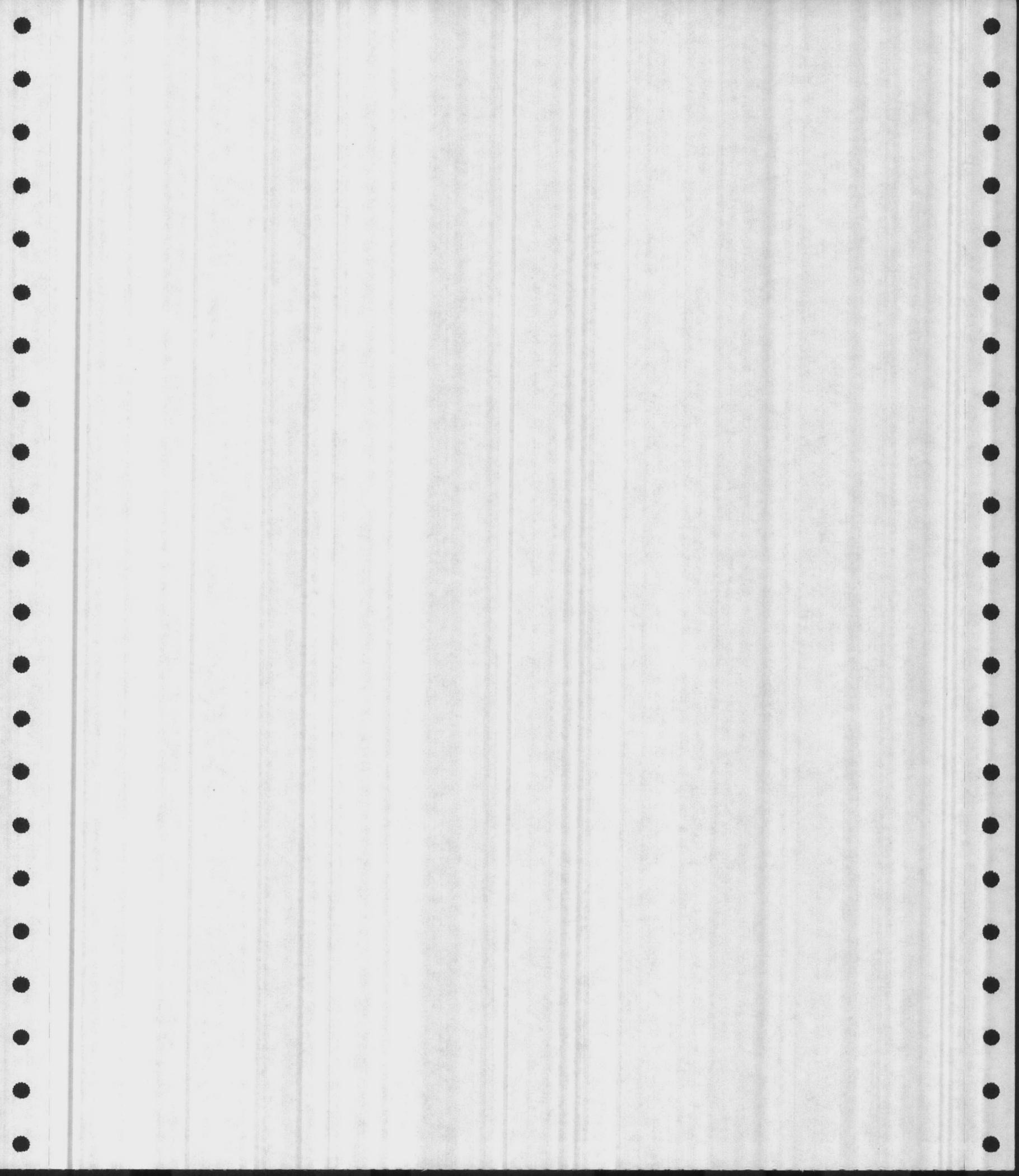
PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

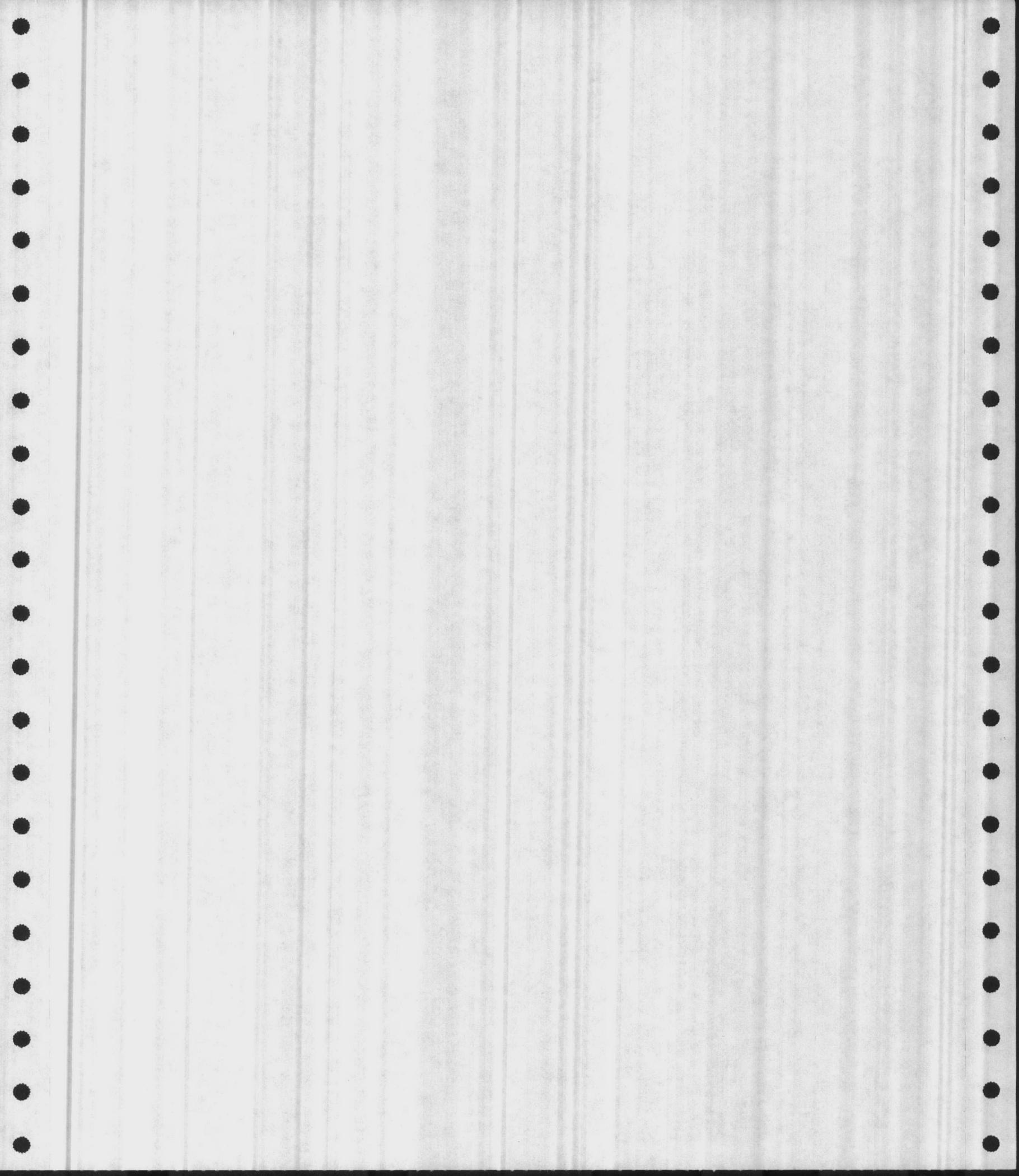
BUILDING NUMBER	TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
AS110					FROM 01/01/87 TO 06/30/87
	277764	B045	03/16/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:
	280058	B048	04/06/87	32	LIGHT FIXTURE, FLUORESCENT-REPR LOCATION: FILTER RM & PIPE GALLERY
	281127	B045	03/19/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:
	282392	B045	03/23/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: AS110
	285901	B016	03/27/87	31	DRAIN, SHOWER, SINK OR TUB DRAIN-UNS LOCATION:
	287704	A001	03/30/87	32	CONCRETE BREAK OUT REINFORCED UP TO LOCATION: AS110
	287706	A001	03/31/87	32	CONCRETE, MIX CU FT_BY HAND LOCATION: AS110
	287709	A001	03/30/87	32	PIPE LEAD JOINT RPR OR RPLC LOCATION: AS110

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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER	TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
AS110					FROM 01/01/87 TO 06/30/87
	290202	B045	04/02/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: AS 110
	290486	B045	04/06/87	83	TELEMETER RPR (INOPERATIVE) LOCATION:
	291657	B045	04/07/87	72	GENERATOR, EMERGENCY, TROUBLESHOOT LOCATION:
	292721	B048	04/20/87	72	GENERATOR, EMERGENCY, TROUBLESHOOT LOCATION: WELLHOUSE ENGINE
	298680	B045	04/13/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: AS 110
	304218	B045	04/22/87	83	PUMP, REPAIR (1000 TO 2500 GPM) LOCATION:
	304502	B045	04/20/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: AS-110
	305186	A001	04/21/87	32	PULVERIZER CLUTCH RPR OR RPLC





342445 B045 06/16/87 61 INSULATION, STEAM PIPE-REPLACE TWO 3
LOCATION: OFFICE
342732 B045 06/15/87 71 LOAD AND HAUL CATALYST FOR UTILITIES
LOCATION: AS110 TO THE LANDFILL

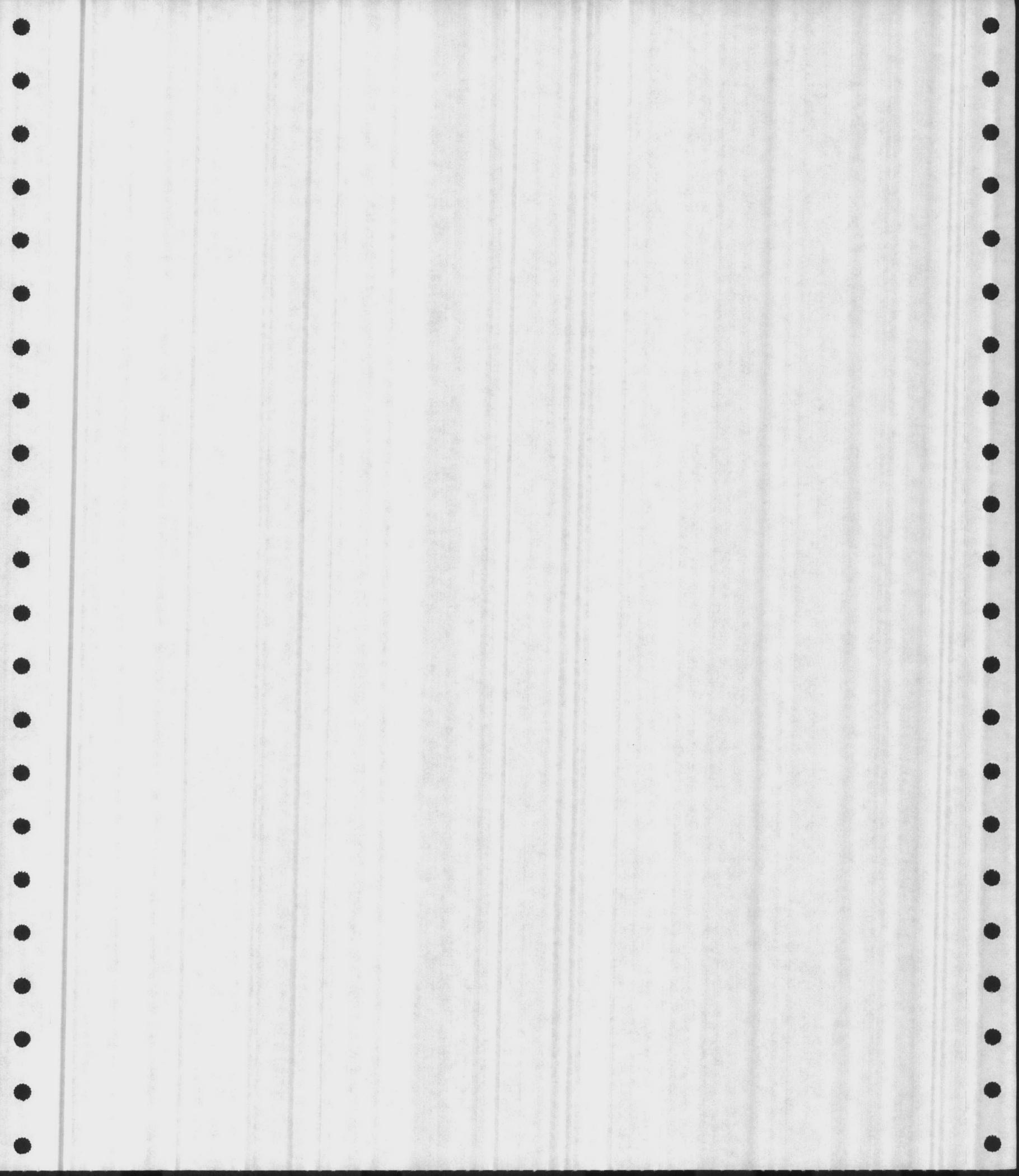
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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS J
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: AS110 FROM 01/01/87 TO 06/30/87
TICKET REQ JOB WORK DESCRIPTION
NUMBER CODE COMPLETED CENTER OF WORK
345671 B045 06/17/87 32 DRAIN, FLOOR-UNCLOG DRAIN
LOCATION: BEHIND RAW WATER BOOSTER
347327 B045 06/22/87 74 LOAD AND HAUL CATALYST FOR UTILITIES
LOCATION: AS110 TO THE LANDFILL
349556 B045 06/26/87 83 METER WATER_CALIBRATE
LOCATION:
LOCATION:
LOCATION:
LOCATION:
LOCATION:

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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU



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BUILDING NUMBER: AS110 FROM 06/01/87 TO 12/31/87
TICKET REQ JOB WORK DESCRIPTION
NUMBER CODE COMPLETED CENTER OF WORK
321530 A001 12/15/87 32 HOIST, ELECTRIC REPAIR
LOCATION: AS110
333452 B045 06/03/87 83 METER WATER_CALIBRATE
LOCATION:
339463 B045 06/08/87 83 TANKS CHLORINE RPR CONTROLS ON CL2
LOCATION:
339561 B045 06/30/87 83 EXPANSION PLATE/JOINT -REWELD (SHOP
LOCATION:
342445 B048 06/16/87 61 INSULATION, STEAM PIPE-REPLACE TWO 3
LOCATION: OFFICE
342732 B045 06/15/87 71 LOAD AND HAUL CATALYST FOR UTILITIES
LOCATION: AS110 TO THE LANDFILL
345671 B045 06/17/87 32 DRAIN, FLOOR-UNCLOG DRAIN
LOCATION: BEHIND RAW WATER BOOSTER
347255 B048 08/14/87 32 ROOF, REPAIR SMALL LEAK BY APPLYING
LOCATION: FILTER RM

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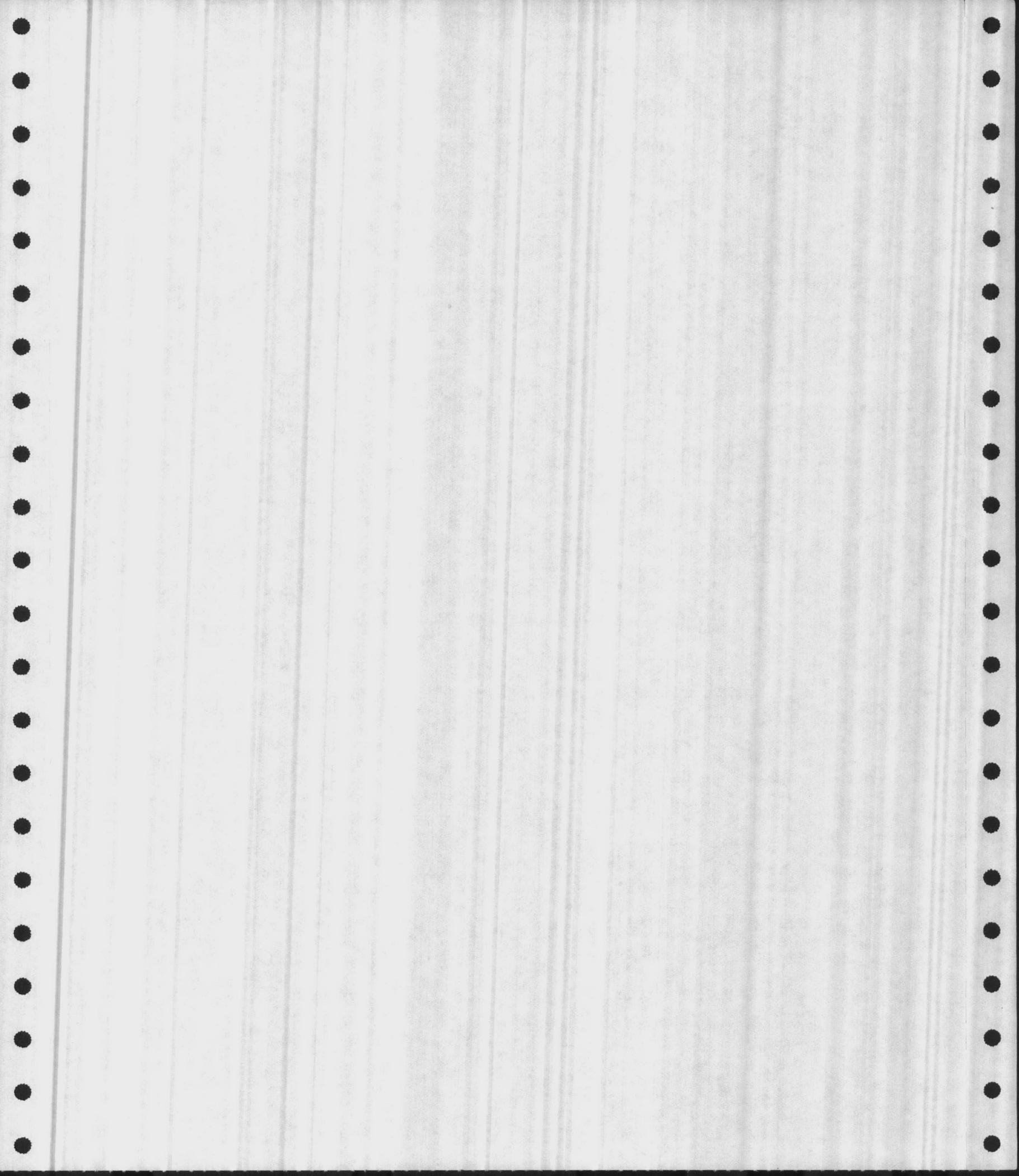
PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: AS110 FROM 06/01/87 TO 12/31/87
TICKET REQ JOB WORK DESCRIPTION
NUMBER CODE COMPLETED CENTER OF WORK
347327 B045 06/22/87 71 LOAD AND HAUL CATALYST FOR UTILITIES
LOCATION: AS110 TO THE LANDFILL
349556 B045 06/26/87 83 METER WATER_CALIBRATE
LOCATION:
355489 B045 07/02/87 71 LOAD AND HAUL CATALYST
LOCATION: AS110 TO THE LANDFILL
356941 B045 07/06/87 71 LOAD AND HAUL CATALYST FOR UTILITIES
LOCATION: AS110
357666 B045 07/09/87 71 LOAD AND HAUL CATALYST FOR UTILITIES
LOCATION: AS110 TO THE LANDFILL
358566 B048 08/25/87 32 LOCK, KEY & KNOB, REPAIR IN WOOD DOO
LOCATION: LEFT PUMP RM
358968 A001 08/25/87 32 DOOR, KNOB-REPAIR
LOCATION: INTERIOR DOOR
359884 B045 07/09/87 83 DUST COLLECTION SYSTEM RPR
LOCATION:

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PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: AS110 FROM 06/01/87 TO 12/31/87
TICKET REQ JOB WORK DESCRIPTION
NUMBER CODE COMPLETED CENTER OF WORK
361432 B045 07/13/87 71 LOAD AND HAUL SAND CATALYST SLUDGE_F
LOCATION: AS-110
360576 B045 07/13/87 63 DUST COLLECTION SYSTEM RPR
LOCATION: IN SHOP
363641 B048 08/04/87 63 HOIST, ELECTRIC REPAIR
LOCATION: 2ND FLOOR, PLEASE INFORM
366147 B045 07/16/87 83 MOTOR, ELECTRIC, REPLACE (FRACTIONAL
LOCATION:
366639 B045 07/20/87 71 LOAD AND HAUL SAND CATALYST SLUDGE_F
LOCATION: AS-110
366665 B045 07/21/87 83 COVER, METAL - FABRICATE AND INSTALL
LOCATION:
366939 B045 07/17/87 83 FEEDING RPR LIME SYSTEM
LOCATION:
367007 B045 07/17/87 71 LOAD AND HAUL CATALYST
LOCATION: AS110 TO THE LANDFILL



PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

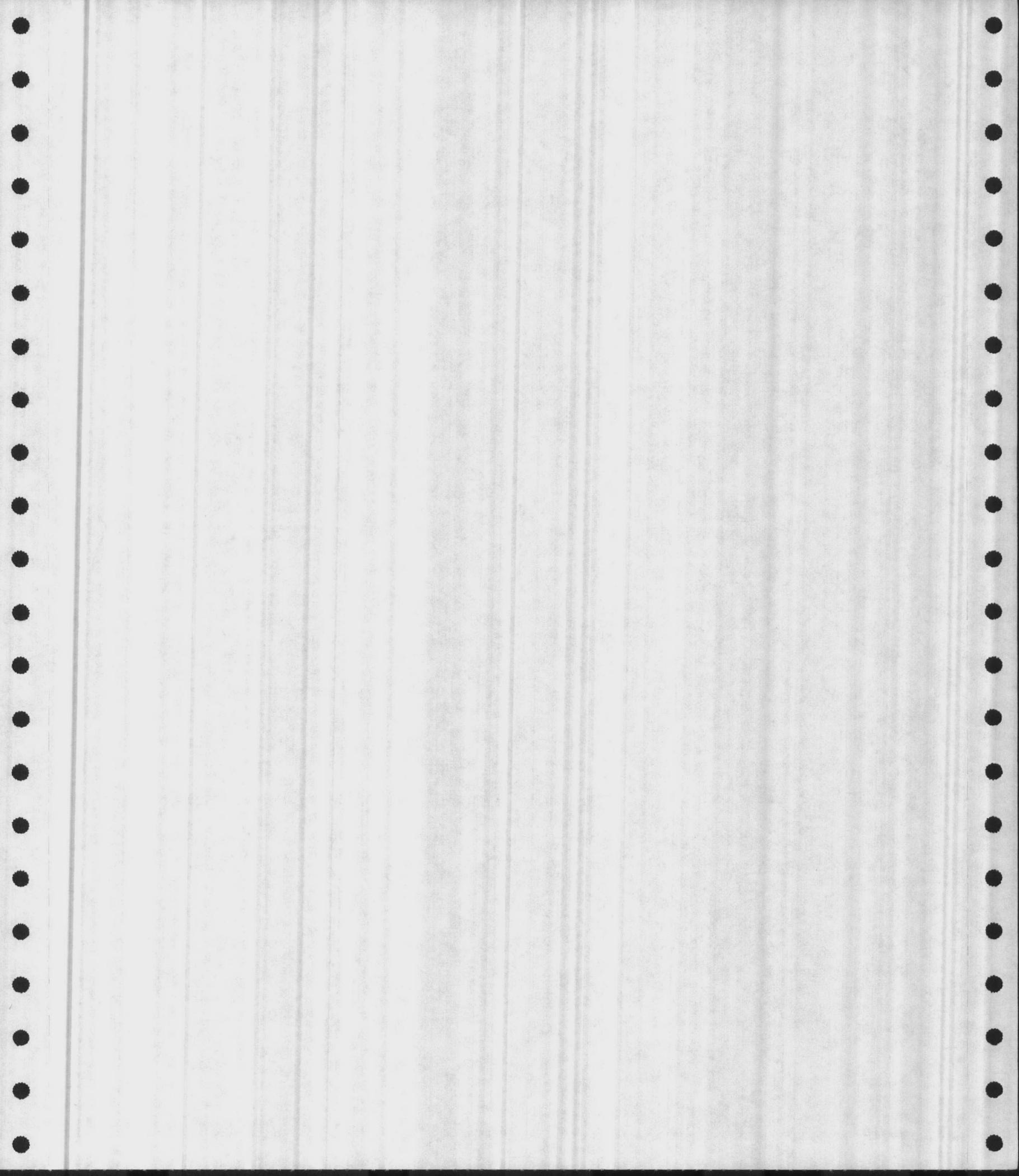
BUILDING NUMBER	TICKET NUMBER	REG CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
AS110	368388	B045	07/21/87	83	TELEMETER CALIBRATE LOCATION:
AS110	370259	B045	07/23/87	83	METER WATER -REPAIR LOCATION:
AS110	371015	B045	07/24/87	83	LEVEL INDICATORS RPR ON LIME SILO AN LOCATION:
AS110	371017	B045	07/24/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: TO THE LANDFILL
AS110	371974	B045	07/27/87	83	DUST COLLECTION SYSTEM RPR LOCATION:
AS110	361122	B045	07/20/87	32	LIGHT FIXTURE, FLUORESCENT-REPR LOCATION: OFFICE AREA
AS110	372306	B045	07/28/87	83	METER WATER_CALIBRATE LOCATION:
AS110	374010	B048	07/28/87	72	LOAD AND HAUL SAND,CATALYST,SLUDGE + LOCATION:

PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER	TICKET NUMBER	REG CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
AS110	374317	B045	07/30/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: AS110 TO THE LANDFILL
AS110	379086	B045	07/31/87	83	FEEDING RPR LIME SYSTEM LOCATION:
AS110	380295	B045	08/04/87	83	VALVE FLOAT OPERATED RPR LOCATION:
AS110	372719	B045	07/28/87	71	LOAD AND HAUL SAND FOR UTILITIES LOCATION: BEACH TO AS110
AS110	361495	B045	08/03/87	32	SWITCH SINGLE POLE INSTALL LOCATION:
AS110	381694	B045	08/04/87	63	HOIST, MANUAL MONOR RPR LOCATION: AS110 - BACK OF BLDG BY T
AS110	379514	B045	08/03/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: AS110 TO THE LANDFILL
AS110	382322	B045	08/06/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: AS110 TO THE LANDFILL

PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER	TICKET NUMBER	REG CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
AS110	382532	B045	08/06/87	83	TELEMETER RPR (INOPERATIVE) LOCATION:
AS110	384927	B045	08/10/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: AS110 TO THE LANDFILL
AS110	385856	B045	08/17/87	83	CHLORINE ALARM, REPAIR (ELECTRONIC C LOCATION:
AS110	387847	B045	08/12/87	83	METER WATER_CALIBRATE_CAMPBELL STREET LOCATION:
AS110	387848	B045	08/19/87	83	METER WATER_CALIBRATE_WHITE STREET LOCATION:
AS110	390708	B045	08/17/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: AS110 TO THE LANDFILL
AS110	394651	B045	08/21/87	83	TELEMETER RPR (INOPERATIVE) LOCATION:



396302 B045 08/28/87 83 GENERATOR, EMERGENCY, TROUBLESHOOT
LOCATION:

=====

PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: AS110 FROM 06/01/87 TO 12/31/87

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
395603	B045	08/24/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: AS-110
400836	B048	09/03/87	32	FAN, KITCHEN EXHAUST_REPAIR LOCATION:
401144	B048	08/28/87	32	A/C CENTRAL WATER LEAK RPR LOCATION: AS110 IN OFFICE
403591	B045	09/01/87	83	METER WATER_CALIBRATE_(RAW WATER) LOCATION:
404867	B045	09/01/87	83	DUST COLLECTION SYSTEM RPR LOCATION:
404895	B045	09/02/87	83	TELEMETER RPR (INOPERATIVE) LOCATION:
405934	B045	09/03/87	32	LIGHT FIXTURE,EXIT,RPLC LOCATION: SEE OPERATOR
407516	B045	09/08/87	32	A/C CENTRAL WATER LEAK RPR LOCATION: AS110 IN OFFICE OF PLANT

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PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: AS110 FROM 06/01/87 TO 12/31/87

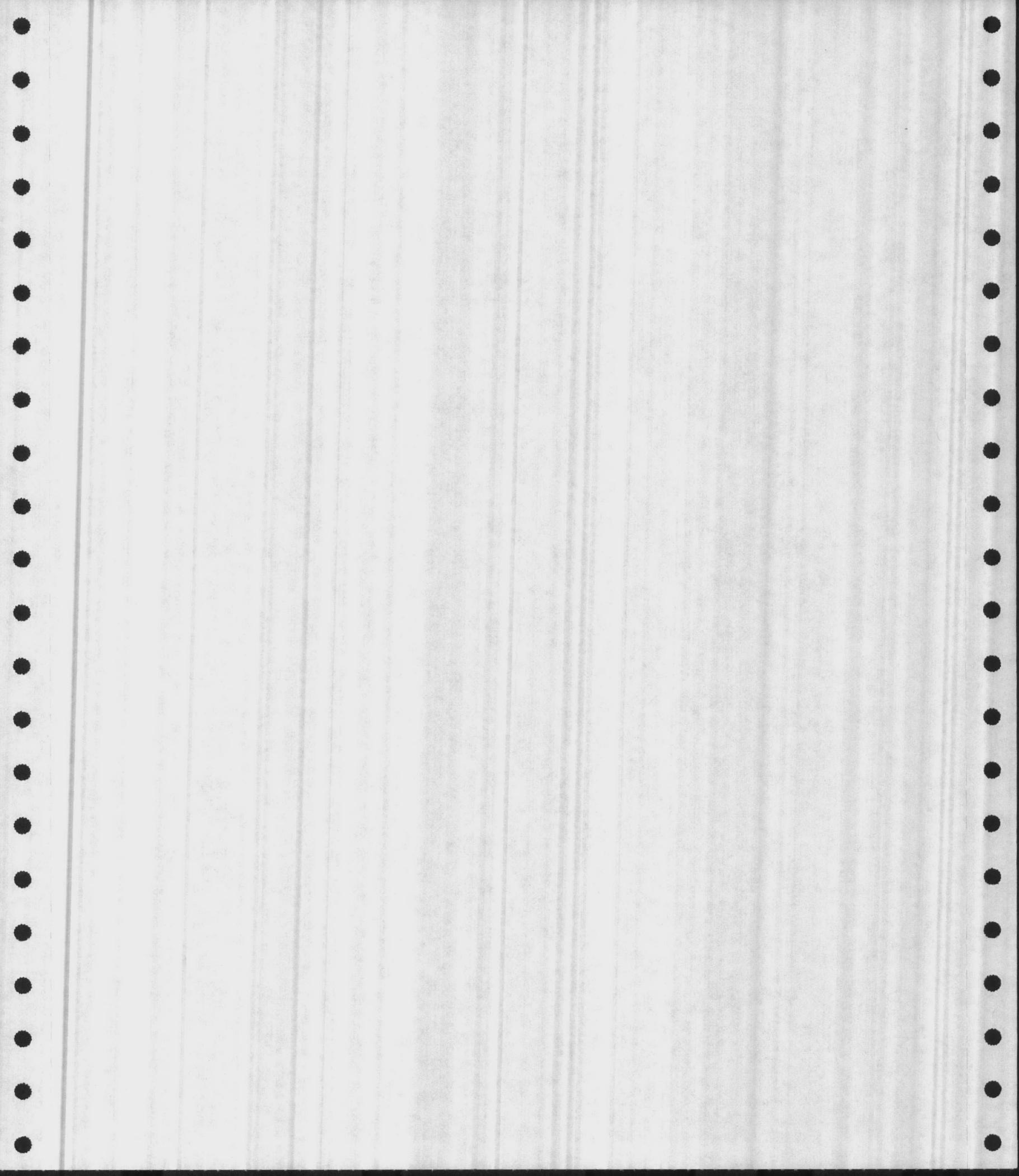
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
409057	B045	09/09/87	83	PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:
409778	B045	09/10/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: AS110 TO THE LANDFILL
413790	B045	09/17/87	83	PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:
411658	B045	09/14/87	83	PUMP, UNCLOG POSITIVE DISPLACEMENT P LOCATION:
416681	B045	09/18/87	32	FAN, KITCHEN EXHAUST_REPAIR LOCATION: RAW WATER BOOSTER ROOM
417718	B045	09/21/87	63	HOLES, DRILL IN VARIOUS SURFACES OF LOCATION: IN SHOP
418228	B045	09/21/87	83	PUMP, UNCLOG POSITIVE DISPLACEMENT P LOCATION:
418311	B045	09/21/87	32	COMMODE,UNSTOP LOCATION: HEAD

=====

PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: AS110 FROM 06/01/87 TO 12/31/87

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
418801	B045	09/21/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: AS110
419048	B048	09/22/87	32	SINK-UNSTOP DRAIN IN BATHROOM SINK LOCATION: WORK COMPLETED ON 092187
419053	B048	09/22/87	32	FAUCET-REPLACE WASHERS IN FAUCET LOCATION: WORK COMPLETED ON 092187
420462	B045	10/08/87	32	LOAD AND HAUL TOPSOIL SAND ROCK AND LOCATION: BEHIND BLDG.
424760	B045	10/01/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: AS110 TO THE LANDFILL
422757	B045	09/28/87	71	LOAD AND HAUL CATALYST FOR UTILITIES



426305 A001 10/01/87 51

LOCATION: AS110 TO THE LANDFILL
MOTOR, ELEC-MINOR OVERHAUL OF 1/4-5H
LOCATION: IN SHOP

428050 B045 10/05/87 71

LOAD AND HAUL CATALYST FOR UTILITIES
LOCATION: AS110 TO THE LANDFILL

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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: AS110

FROM 06/01/87 TO 12/31/87

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
428372	B045	10/08/87	83	RECARBONATION SYSTEM RPR LOCATION:
431347	B045	10/09/87	32	WATER LINE - RPR LEAK IN OVERHEAD PT LOCATION:
431350	B045	10/14/87	32	CEILING,SUSPENDED-REPLACE 1-5 2'X 4' LOCATION:
431574	B045	10/08/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: AS110 TO THE LANDFILL
433433	B045	10/23/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: AS110 TO THE LANDFILL
433657	B045	10/13/87	83	METER WATER_CALIBRATE LOCATION:
433991	B045	10/13/87	83	SPIRATOR-RPR OR RPLC LIME HOSE LOCATION:
434137	B045	10/14/87	63	BRACKETS-FABRICATE LOCATION: IN SHOP

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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

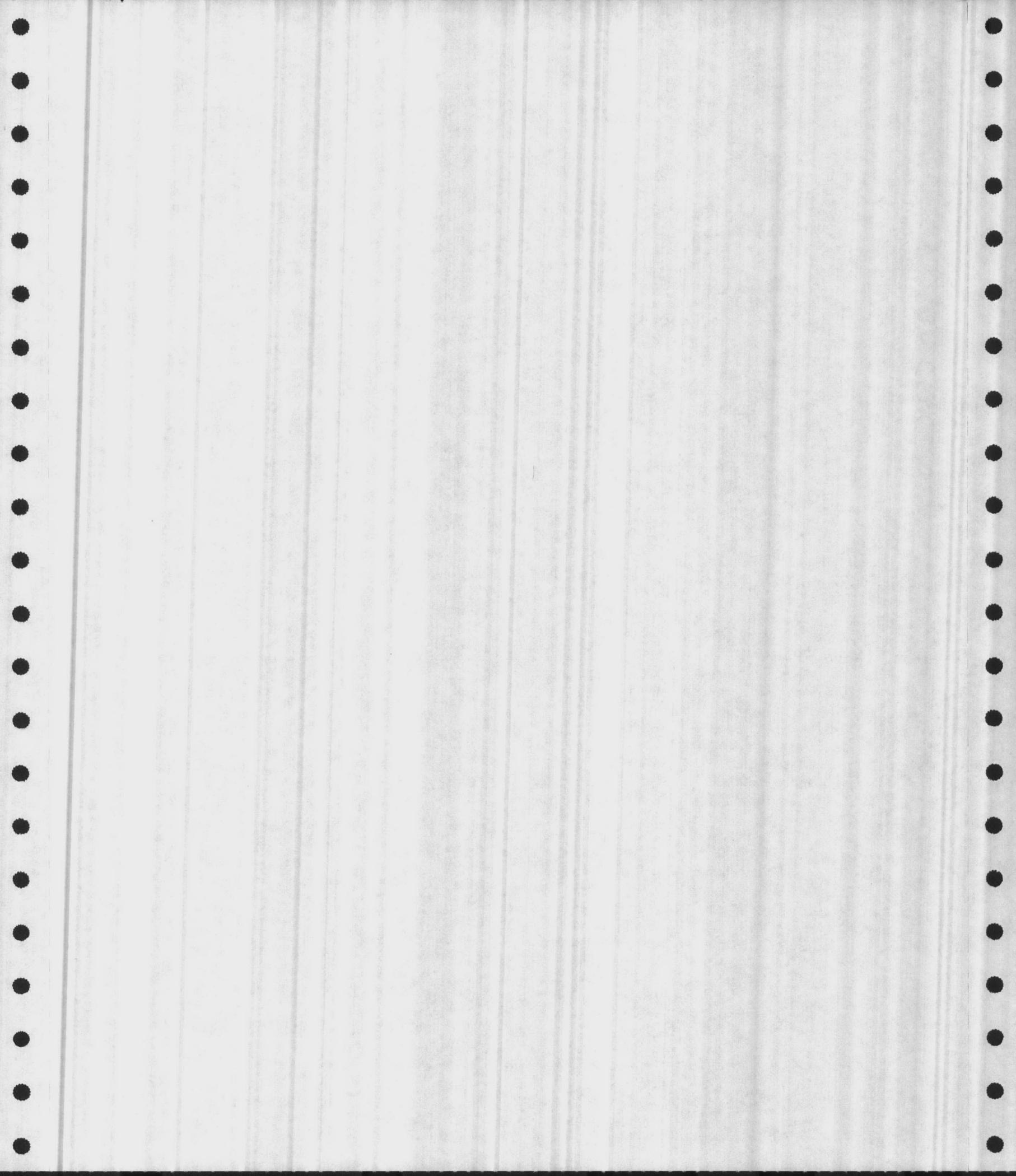
BUILDING NUMBER: AS110

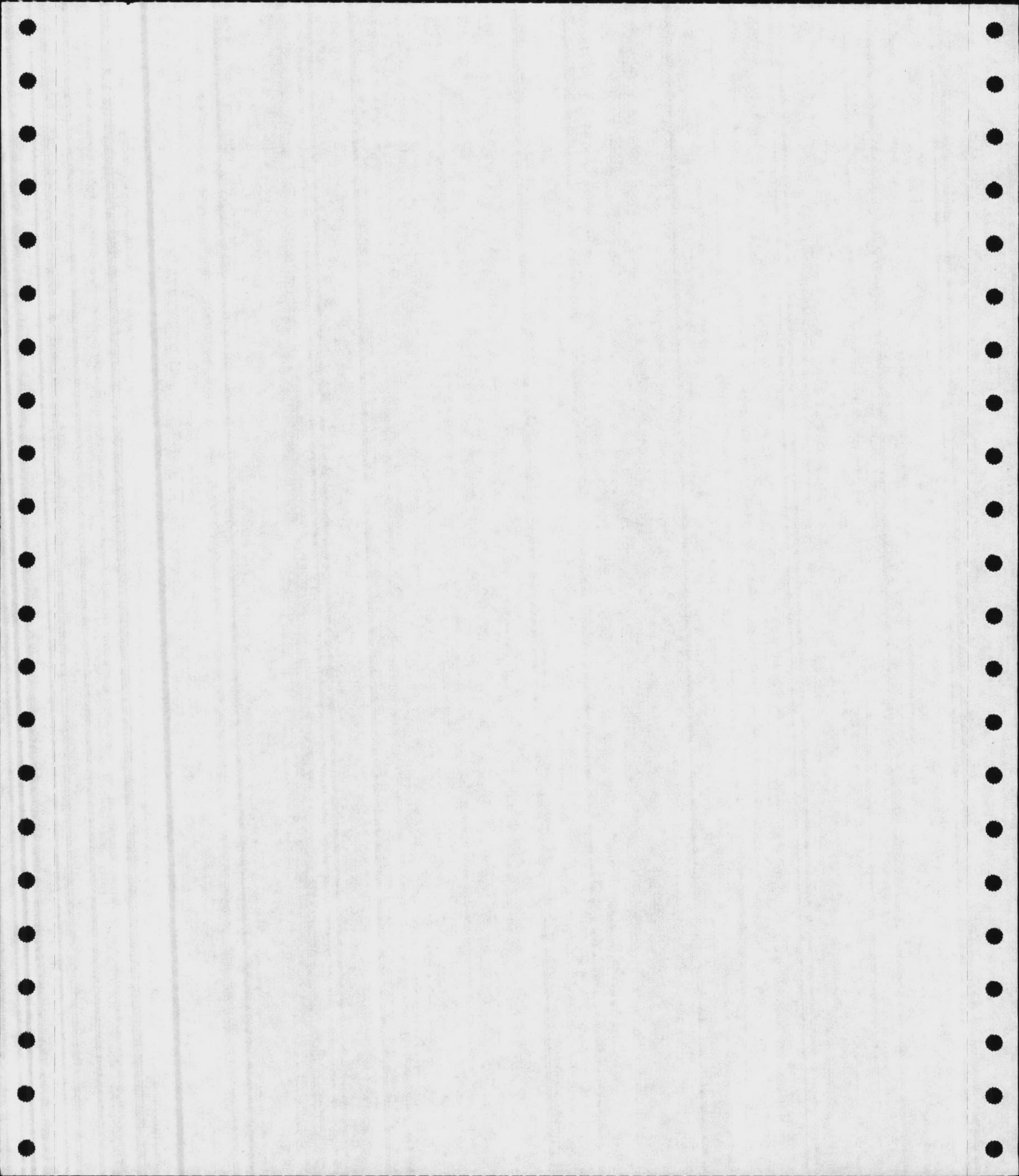
FROM 06/01/87 TO 12/31/87

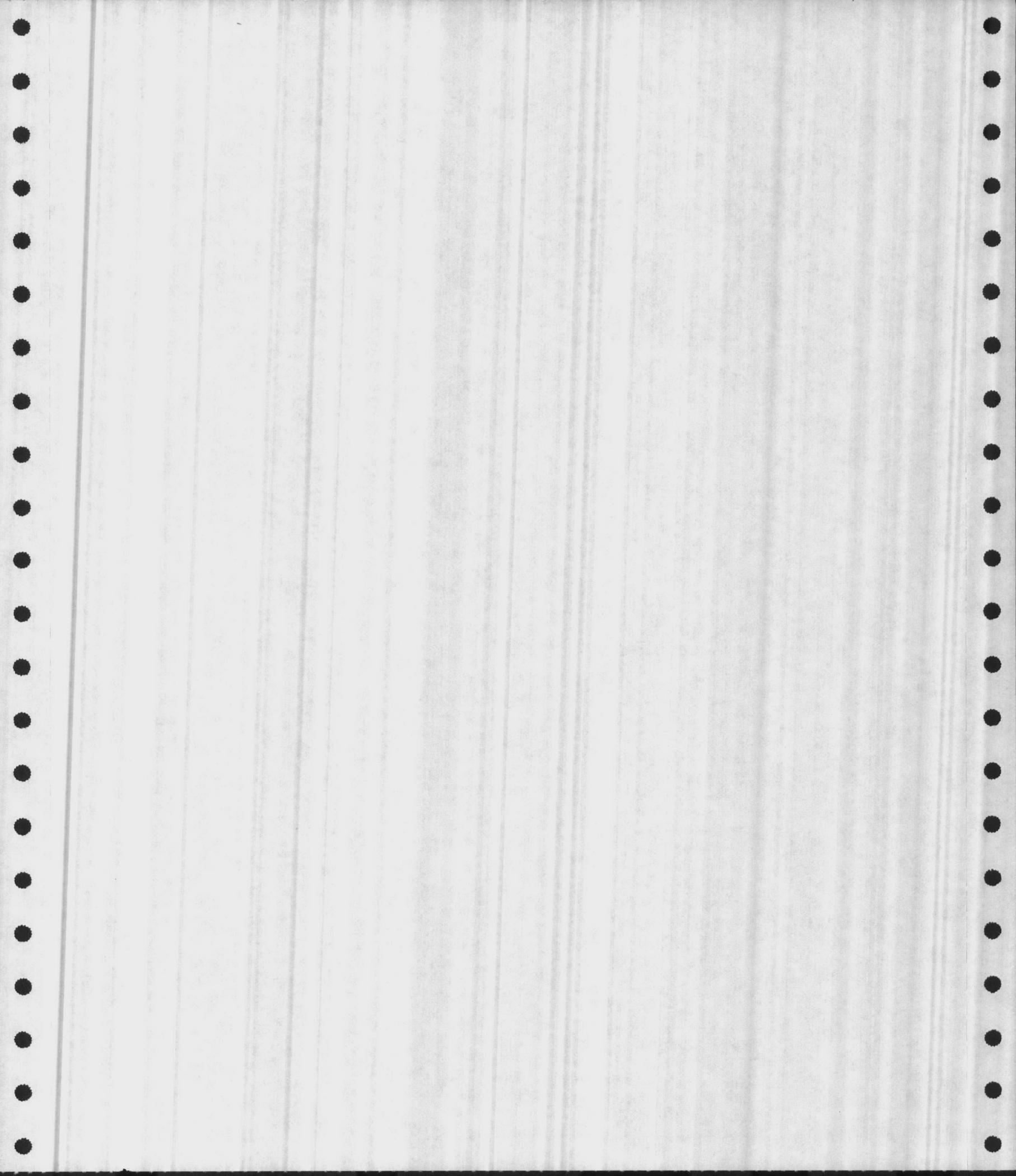
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
448920	B045	11/13/87	83	METER WATER_CALIBRATE LOCATION:
458819	B048	11/17/87	51	GENERATOR, ELECTRICAL REPAIR TO MOTO LOCATION:
459121	B048	11/24/87	32	RECARBONATION SYSTEM RPR LOCATION:
459131	B045	11/19/87	32	HEATER, ELECTRIC-REPAIR LOCATION: IN CLZ ROOM
457794	B045	11/16/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: AS110
465758	B045	11/25/87	83	RECARBONATION SYSTEM RPR LOCATION:
467086	B045	12/02/87	32	FAN, EXHAUST OR HEATER-REPAIR NOISY LOCATION: FAN IN CL2 COMPLETED TIC.
467752	B045	11/30/87	83	UTILITIES, LOC. SEPTIC TK, DRAIN & DRA LOCATION:

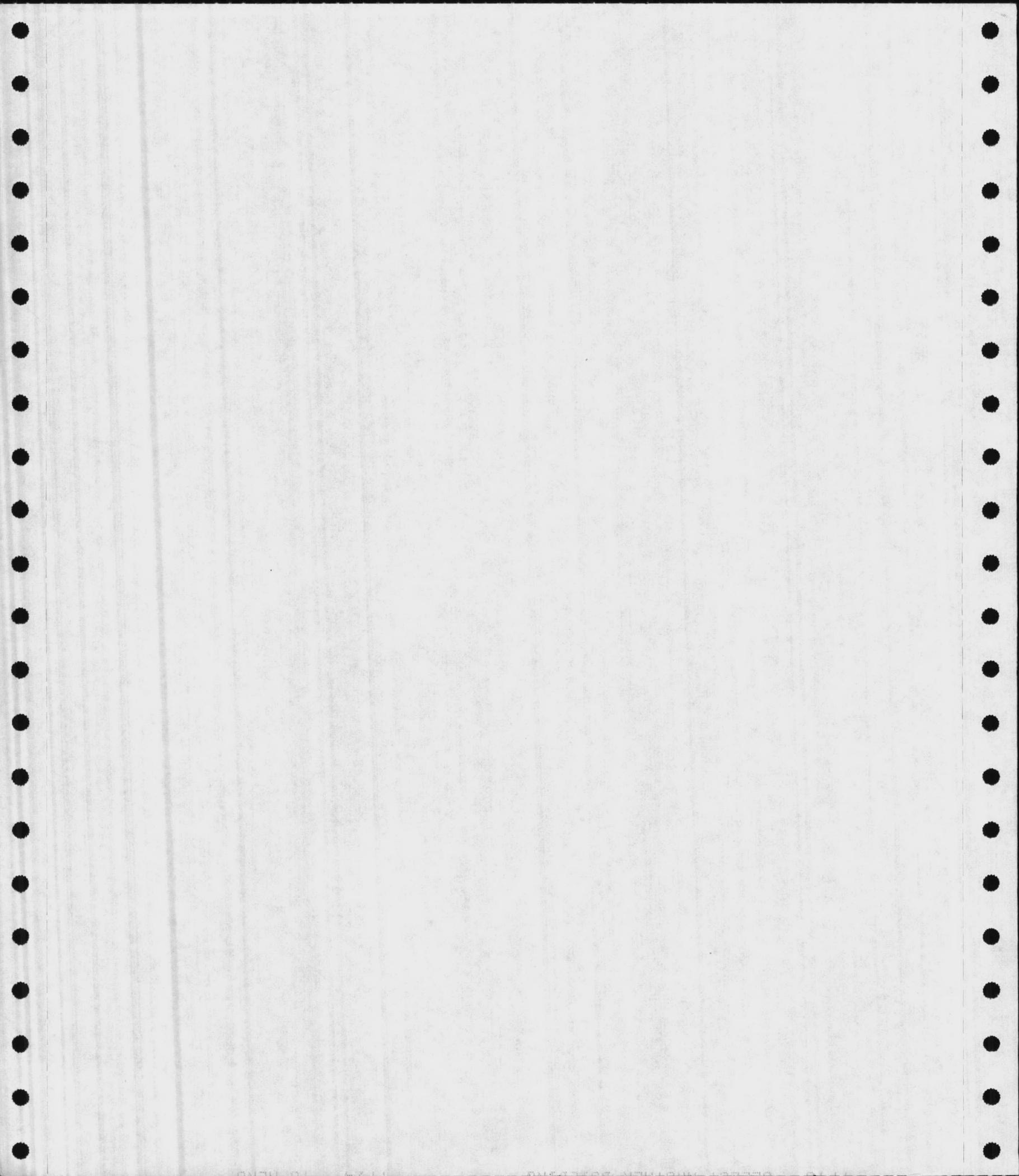
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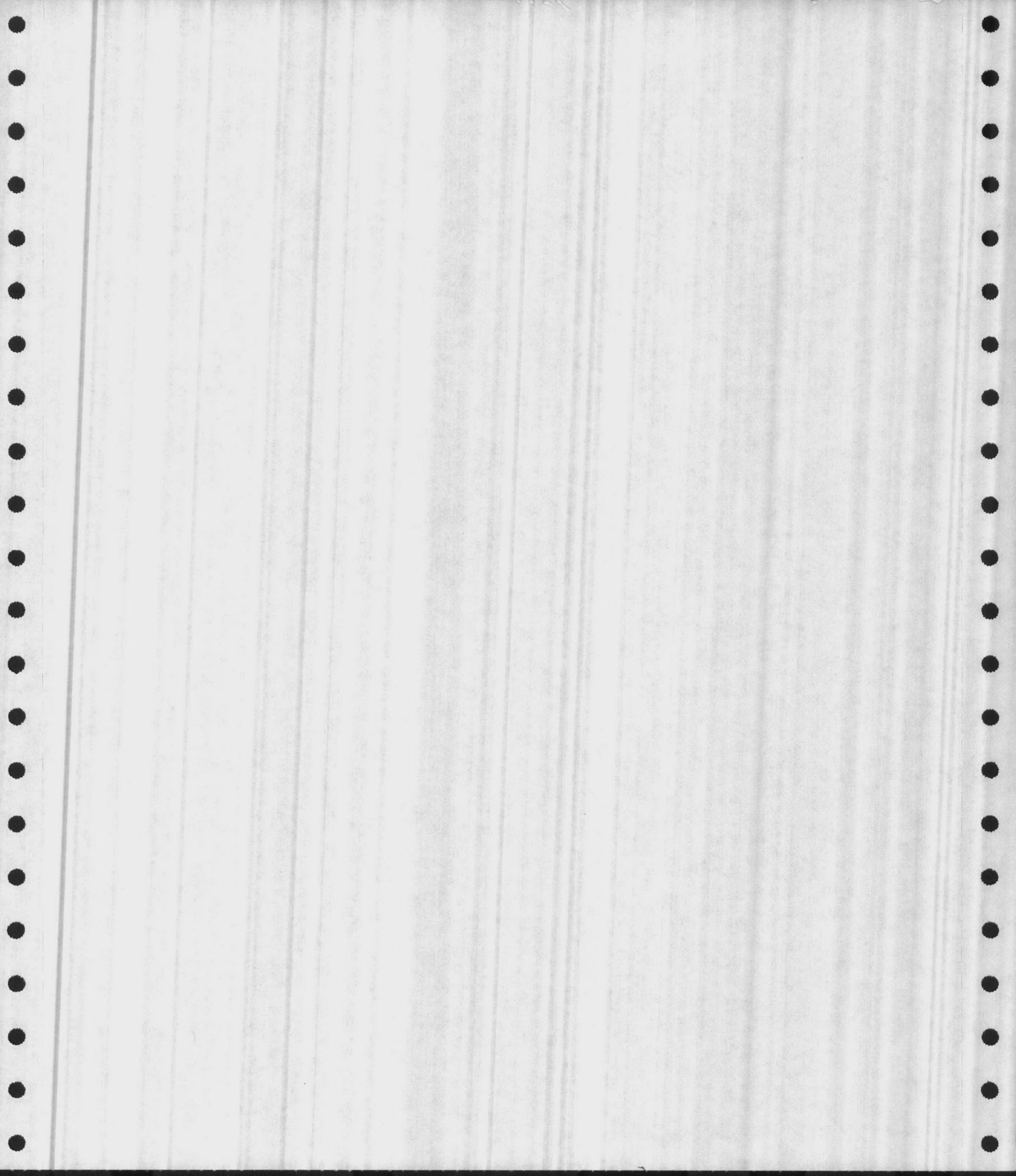
PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU











BID SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Total Amount
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SCHEDULE OF FIRM FIXED PRICE WORK:

Price to perform work in accordance with all the terms of this contract. The contract price is the sum of Contract Line Items 0001 through 0002.

0001 DELIVER SAND TO AND REMOVE CATAYST FROM WATER TREATMENT PLANTS
(per paragraphs C.6.a, C.6.b, Section C)

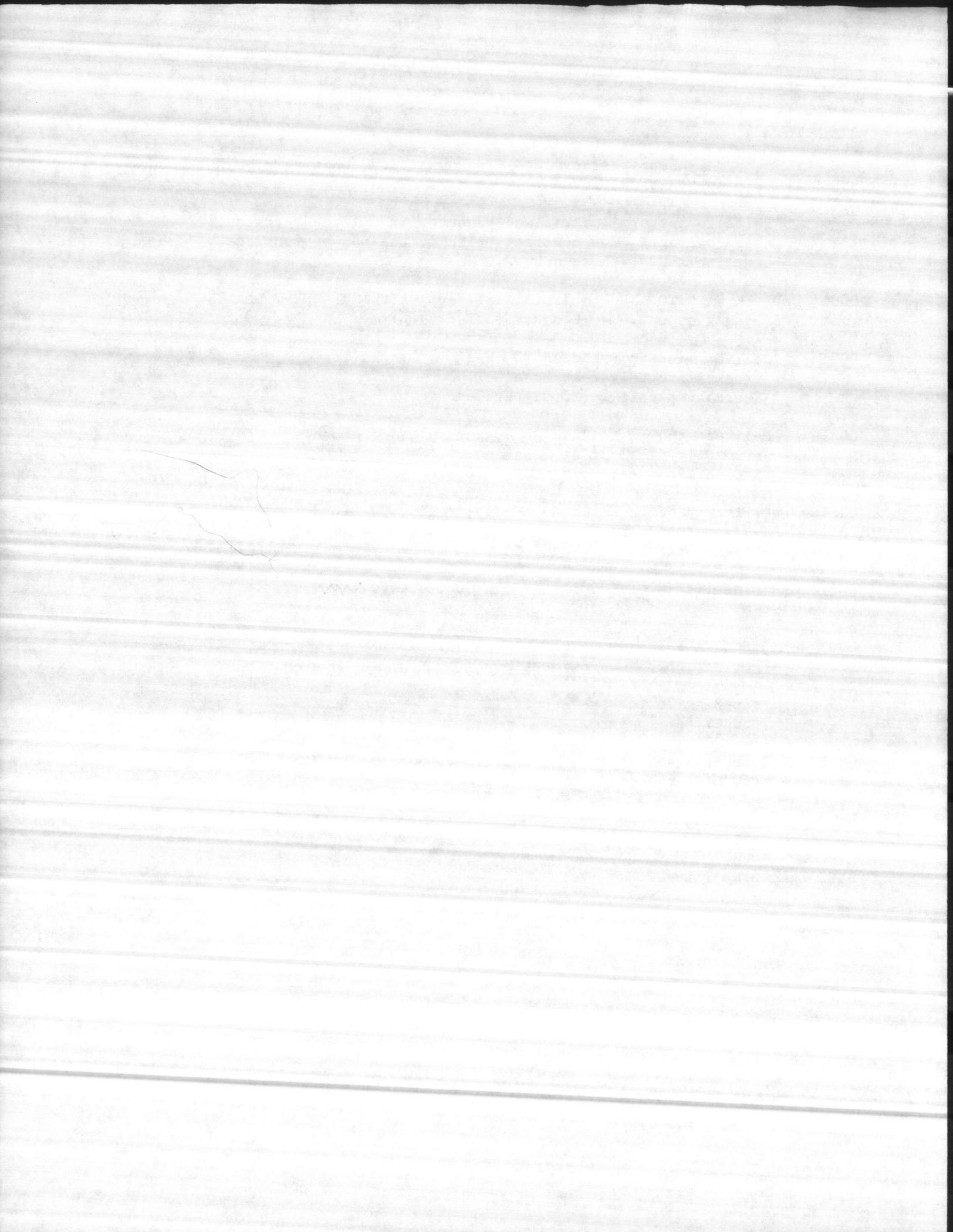
0001A	Deliver sand to Building 20, and stockpile catalyst at Base Sanitary Landfill (25 CY per load)	5	Load	_____	\$ _____
0001B	Deliver sand to Building 670, and stockpile catalyst at Base Sanitary Landfill (25 CY per load)	5	Load	_____	\$ _____
0001C	Deliver sand to Building AS-110, and stockpile catalyst at Camp Geiger Site (22 CY/load)	5	Load	_____	\$ _____

SUBTOTAL--LINE ITEM 0001 (0001A through 0001C)..... *mm* \$ _____

0002 REMOVE CATALYST FROM SPIRACTORS AND STOCKPILE
(per paragraph C.6.c, Section C)

0002A	From Bldg 20 to Base Landfill (50 CY per load)	25	Load	_____	\$ _____
0002B	From Bldg. 670 to Base Landfill (50 CY per load)	25	Load	_____	\$ _____
0002C	From Bldg AS-110 to Camp Geiger Site (20 CY per load)	25	Load	_____	\$ _____

SUBTOTAL--LINE ITEM 0002..... \$ _____



BID SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Total Amount
----------	-------------------	----------	------	------------	--------------

SCHEDULE OF INDEFINITE QUANTITY WORK:

Price to perform work in accordance with all the terms of this contract. The contract price is the sum of Contract Line Item 0003.

0003	REMOVE SLUDGE FROM SLUDGE BEDS AND REPLACE CATALYST (per paragraph C.7, Section C)				
0003A	Building 22, Hadnot Point	108	Bed	_____	\$ _____
0003B	Building TC-563, Camp Geiger	64	Bed	_____	\$ _____
0003C	Building TT-35, Tarawa Terrace	40	Bed	_____	\$ _____
0003D	Building M-136, Camp Johnson	24	Bed	_____	\$ _____
0003E	Building BA-160, Onslow Beach	4	Bed	_____	\$ _____
0003F	Building RR-92, Rifle Range	4	Bed	_____	\$ _____
0003G	Building BB-204, Courthouse Bay	16	Bed	_____	\$ _____
SUBTOTAL--LINE ITEM 0003 (0003A through 0003G).....					\$ _____

TOTAL---LINE ITEM 0001..... \$ _____

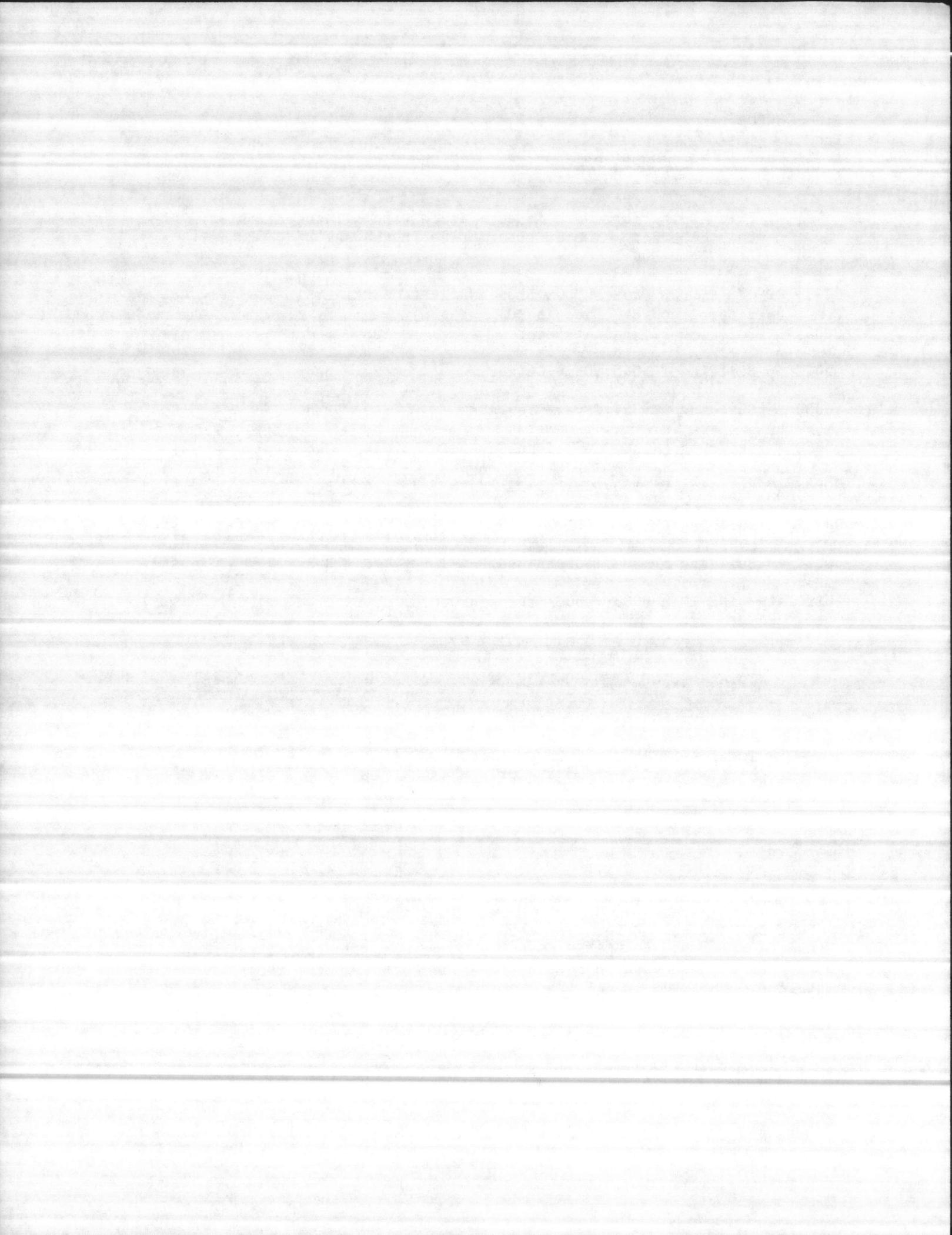
TOTAL---LINE ITEM 0002..... \$ _____

TOTAL---LINE ITEM 0003..... \$ _____

TOTAL BASE BID..... \$ _____

CAUTION TO BIDDERS: Refer to FAR 52.216-22, "INDEFINITE QUANTITY (APR 1984)" clause, Section I, and "ORDERING OF WORK" clause, Section G, regarding guaranteed minimum work on combination fixed price and indefinite quantity contracts.

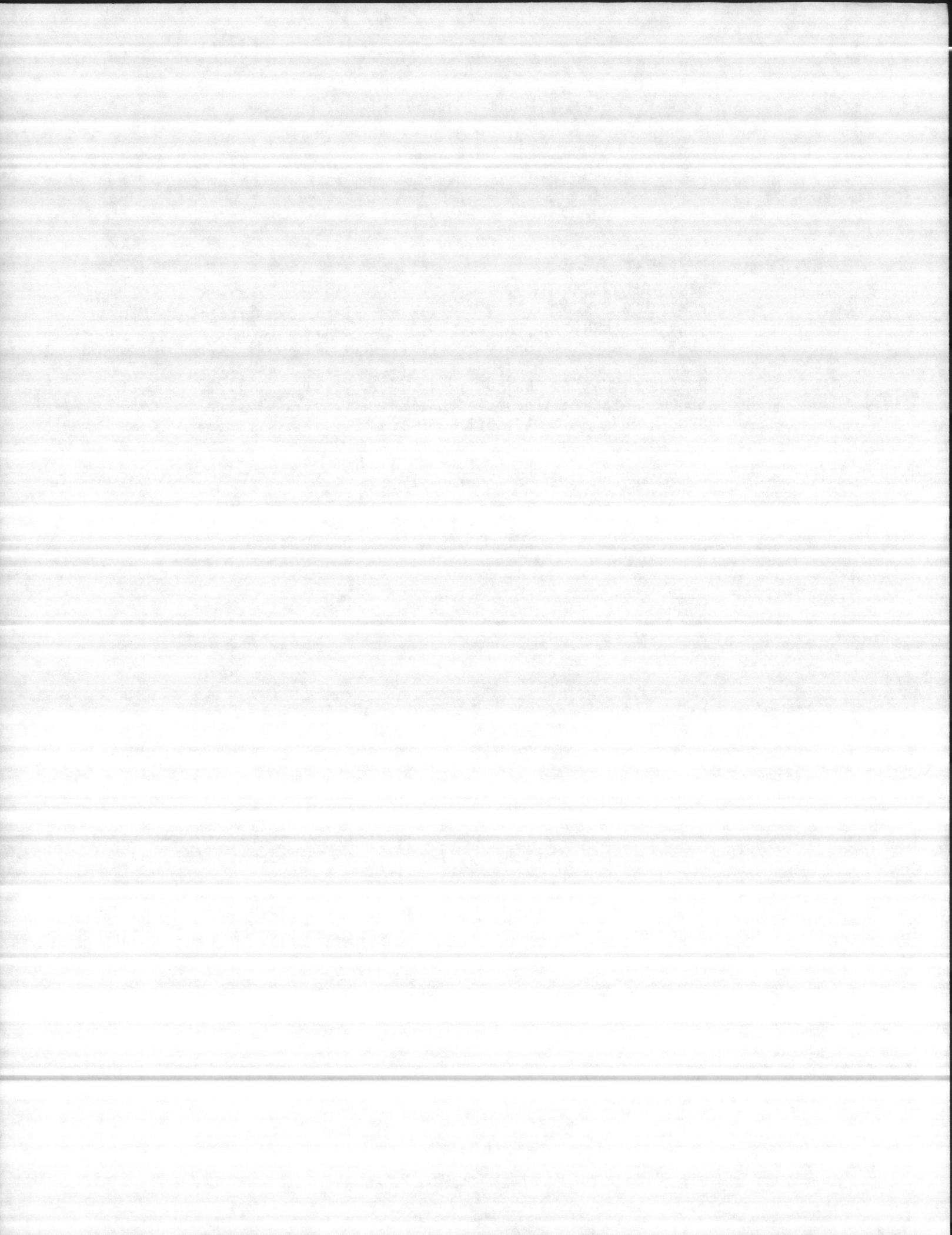
END OF SECTION



PART 1 - THE SCHEDULE
SECTION C: DESCRIPTION/SPECIFICATION

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PART I - THE SCHEDULE
SECTION C: DESCRIPTION /SPECIFICATION

C.1 GENERAL REQUIREMENTS

a. The Contractor shall provide all labor, supervision, tools, materials, equipment, transportation, and management necessary to provide sand for designated water treatment facilities; load, haul, and stockpile catalyst from water treatment facilities; remove and replace catalyst in sludge beds at designated wastewater treatment facilities; and remove and dispose of sludge from sludge beds at designated wastewater treatment facilities; all as directed by the Contracting Officer. General locations for all water and wastewater treatment facilities, the Base Sanitary Landfill, and the dump site at Camp Geiger are shown on NAVFACENCOM Drawing Number *****.

C.2 DEFINITIONS - TECHNICAL

a. Delivery Order. A delivery order is a document (DD Form 1155) prepared by the Contracting Officer that provides funds for the Indefinite Quantity portion of the contract. Delivery orders will be issued as necessary and may be amended unilaterally to reflect actual work performed. A sample delivery order is shown in Attachment J-G1.

b. Government Furnished Property (GFP). Government Furnished Property (GFP) includes all property in the possession of, or directly acquired by, the Government and subsequently made available to the Contractor.

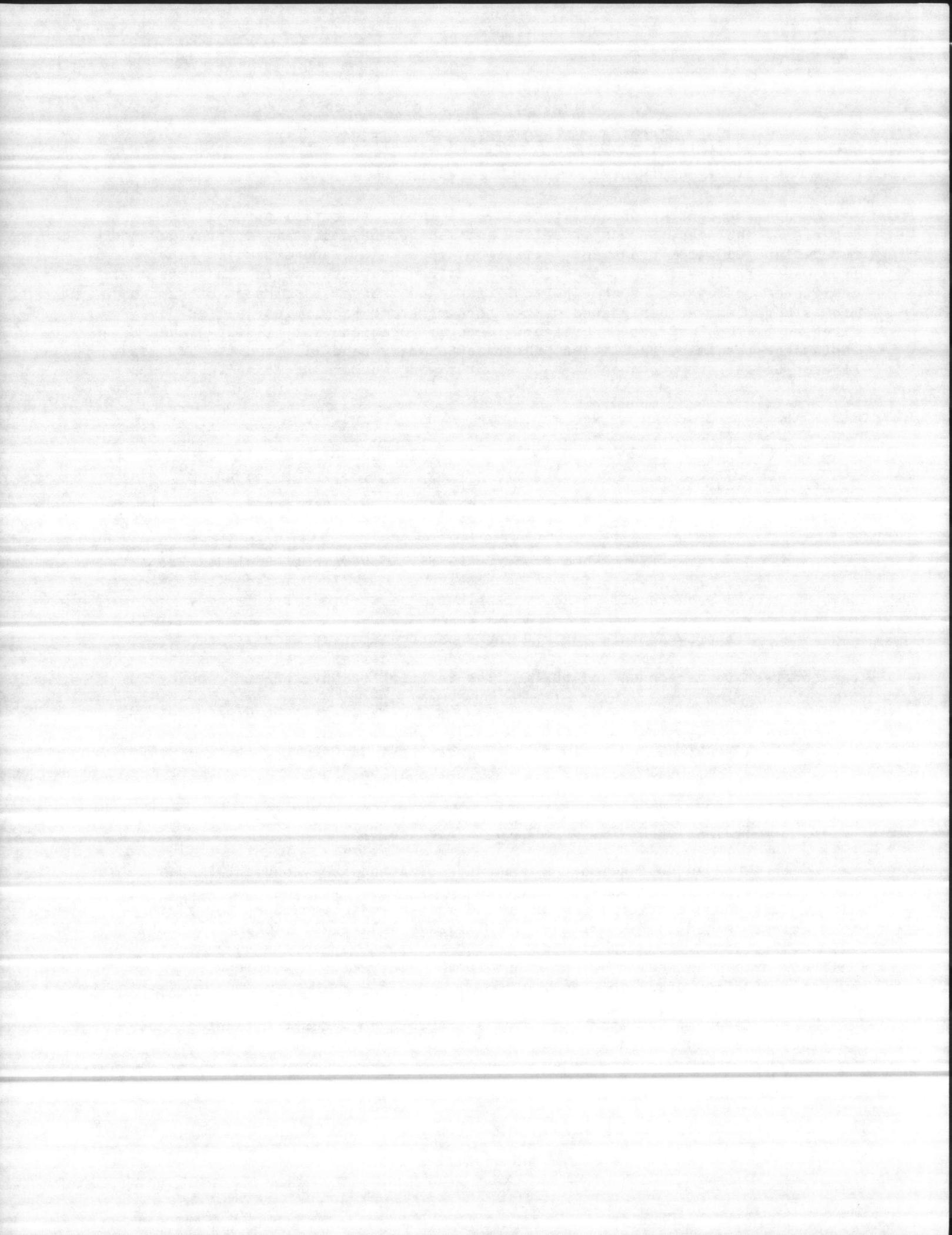
c. Property Administrator. The Property Administrator is an authorized representative of the Contracting Officer assigned to administer the contract requirements and obligations relating to Government property.

d. Regular Working Hours. The Government's regular working hours are from 7:30 AM to 4:00 PM, Mondays through Fridays. The Base Sanitary Landfill's operational hours are from 8:00 AM to 4:00PM, Monday through Friday. The following exceptions apply to the above hours:

- (1) Legal Public holidays,
- (2) Other days specifically designated by the Contracting Officer,
- (3) As otherwise specified in Section C.

e. Work Authorization. A work authorization is a document issued to the Contractor that authorizes work to be performed. The maximum amount for a single work authorization shall be considered the maximum amount for a single item as referenced in FAR 52.216-19, "DELIVERY-ORDER LIMITATIONS (APR 1984)" clause, Section I. One or more work authorizations may be issued against a delivery order that has provided money to the contract. A sample work authorization is shown in Attachment J-G1.

f. Catalyst - Filter sand from spiractors at water treatment plants that has been used for water filtration purposes.



C.3 GOVERNMENT FURNISHED FACILITIES, EQUIPMENT, MATERIALS, AND SERVICES:
No facilities, equipment, materials, or services shall be furnished to the Contractor by the Government under this contract.

C.4 CONTRACTOR FURNISHED ITEMS

Except for items listed in the "GOVERNMENT FURNISHED FACILITIES, EQUIPMENT, MATERIALS AND SERVICES" clause, Section C, the Contractor shall provide all equipment, materials, utilities, and services to perform the requirements of this contract. If the quality of an item is not specified in this specification, it shall be of acceptable industrial grade and quality, equal to or better than the manufacturer's original, and compatible with existing systems. Replacement parts shall be new. If new parts are not available, the Contractor may request approval in writing from the Contracting Officer to use rebuilt or junkyard parts. Use of rebuilt or junkyard parts prior to receipt of written approval or without approval is at the total risk of the Contractor. All parts whether new, used, rebuilt, junkyard, etc. shall carry the full warranty required by this contract.

C.5 CONTRACTOR QUALITY CONTROL (QC)

In accordance with FAR 52.246-4 "INSPECTION OF SERVICES - FIXED PRICE (APR 1984)" clause, Section E, the Contractor shall establish and maintain a complete QC Program that is acceptable to the Contracting Officer to assure that the requirements of the contract are provided as specified.

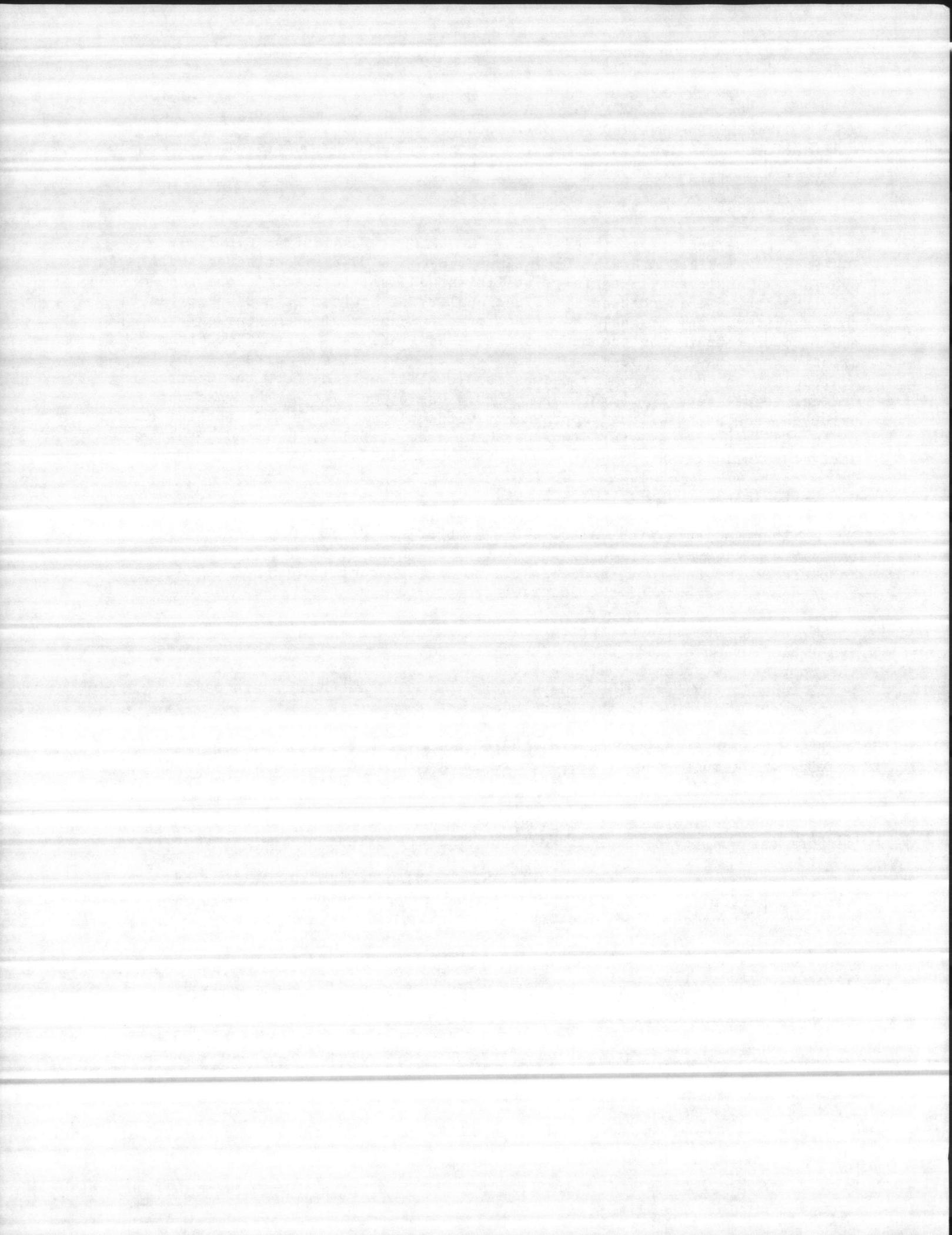
a. A general description of the Contractor's QC Program shall be available for Government review during the preaward survey. Three copies of the complete QC Program shall be provided to the Contracting Officer for review and approval within 15 days after award and as changes are made thereafter. The program shall include:

(1) A quality control inspection system covering all contract services. It must specify areas to be inspected on either a scheduled or unscheduled basis and how inspections are to be conducted.

(2) The name(s) and qualifications of the individual(s) tasked to perform the quality control inspections, and the extent of their authority.

(3) A method for identifying deficiencies in the quality of services performed and taking corrective action before the level of performance becomes unsatisfactory.

b. A file of all Quality Control inspections, inspection results, and any corrective action required, shall be maintained by the Contractor through the term of this contract. This file shall be the property of the Government and shall be made available to the Contracting Officer during regular working hours. The file shall be turned over to the Contracting Officer within 10 days after completion/termination of the contract and prior to final payment.



C.6 SAND FOR WATER TREATMENT FACILITIES

C.6.a MATERIAL: Silica filter sand for water treatment facilities shall comply with American Water Works Association (AWWA) B-100. The silica sand shall be either sharp or rounded, and such character as to remain 98 percent insoluble after a 24 hour bath in warm hydrochloric acid. The sand shall be free from clay, loam, dust, or other foreign particles, and shall have an effective size of not less than .38 mm, nor more than .45 mm. The uniformity coefficient for the sand shall not exceed 1.65.

C.6.b SUBMITTALS: Submit manufacturer's certificate of compliance certifying the filter sand complies with the contract specifications.

C.6.c DELIVERY: Sand shall be delivered in bulk to the water treatment facilities according to the schedule in Attachment J-F1, and placed where designated by the Contracting Officer.

C 6.d REMOVAL OF CATALYST FROM WATER TREATMENT FACILITIES:

C.6.d.(1) As scheduled, the Contractor shall pick up the catalyst unloaded from the spiractors at the water treatment facilities. Government personnel shall unload the sand onto the Contractor's trucks from the spiractors.

C.6.d.(2) Catalyst shall be taken immediately after removal from Buildings 20 and 670 to the catalyst stockpile at to the Base Sanitary Landfill. Catalyst shall be taken immediately after removal from Building AS-110 to the stockpile area at Camp Geiger.

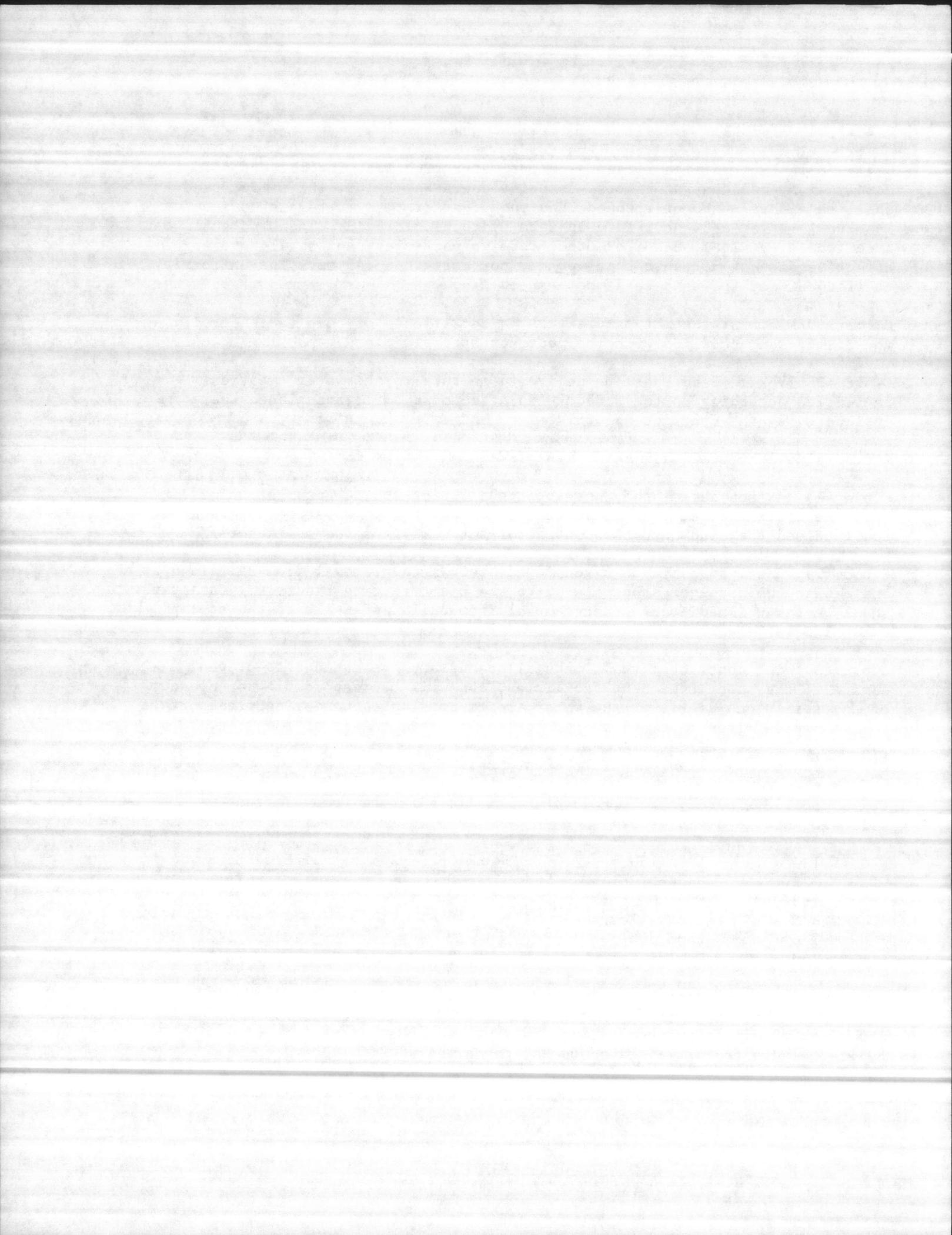
C.6.d.(3) The contractor shall take all necessary precautions to prevent damage to the water treatment facilities, and will be responsible for cleanup of any spills and debris at the water treatment plant, and during transport to the stockpile sites that are incidental to the performance of the work.

C.7 SLUDGE REMOVAL AND CATALYST REPLACEMENT

C.7.a SLUDGE REMOVAL: When requested, sludge shall be removed from the following sludge drying beds:

<u>BUILDING NO.</u>	<u>LOCATION</u>	<u>NUMBER OF BEDS</u>	<u>SIZE OF BEDS</u>
22	Hadnot Point	18 26	20' x 75'
TC-563	Camp Geiger	8 16	20' x 75'
TT-35	Tarawa Terrace	10-14	20' x 75'
M-136	Camp Johnson	8	20' x 85'
BA-160	Onslow Beach	2	20' x 40'
RR-92	Rifle Range	2	20' x 50'
BB-204	Courthouse Bay	8	20' x 50'

The depth of sludge per bed is four to five inches at time of removal. A typical sludge bed detail is shown in Attachment J-C2.



C.7.a.(1) Remove sludge and the top two inches of sand so that a clean layer of catalyst remains visible, with no sludge residue remaining. The level of catalyst remaining shall not be below the top of the concrete runners.

C.7.a.(2) When removing sludge, care shall be taken to prevent damage to the concrete runners, and the sludge bed underdrain system. The different layers of media underneath the catalyst shall not be mixed, disturbed, or rearranged in any way during removal. *or Air Vents*

C.7.a.(3) The sludge beds at Building TT-35 do not have concrete runners. At no time shall any type of excavating equipment, trucks, or other vehicles be driven into the sludge beds at Building TT-35.

C.7.a.(4) After removal from the drying beds, the sludge shall be hauled to the sludge stockpile adjacent to the Sanitary Landfill, or the stockpile area at Camp Geiger.

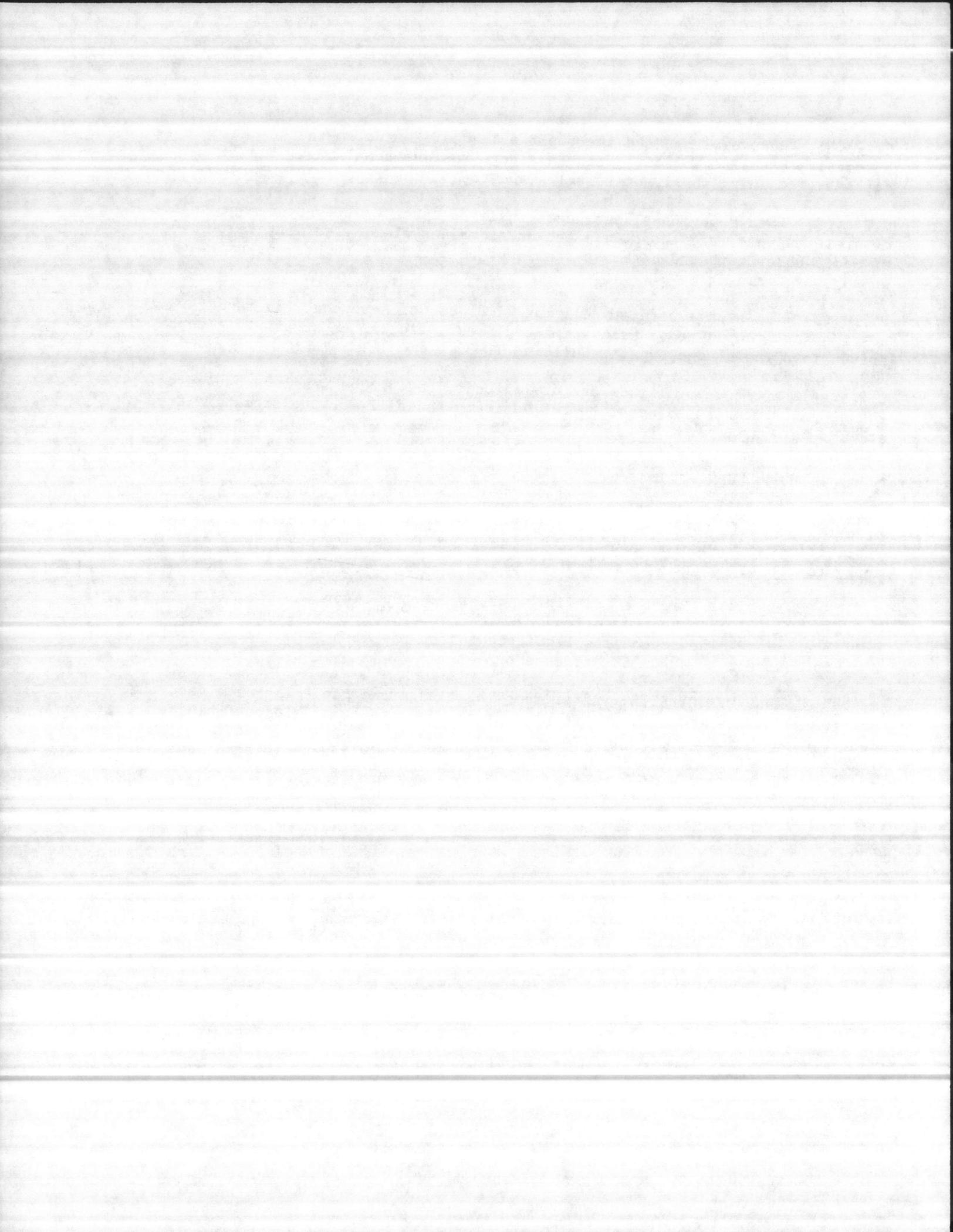
C.7.b PLACEMENT OF CATALYST

C.7.b.(1) After removal of sludge as described above, a minimum of two inches of catalyst shall be placed in the sludge bed, raked, and leveled. The restrictions on vehicles described in paragraph C.7.a.(3) above shall also apply to the placement of catalyst.

C.7.c SCHEDULING: For the indefinite quantity ^{work} portion of this contract, the contractor will be expected to respond within ~~seven~~ ^{5 to 7} days of issuance of the delivery order. The scheduling requirements for the firm fixed price portion of this contract is shown in Attachment J-F1.

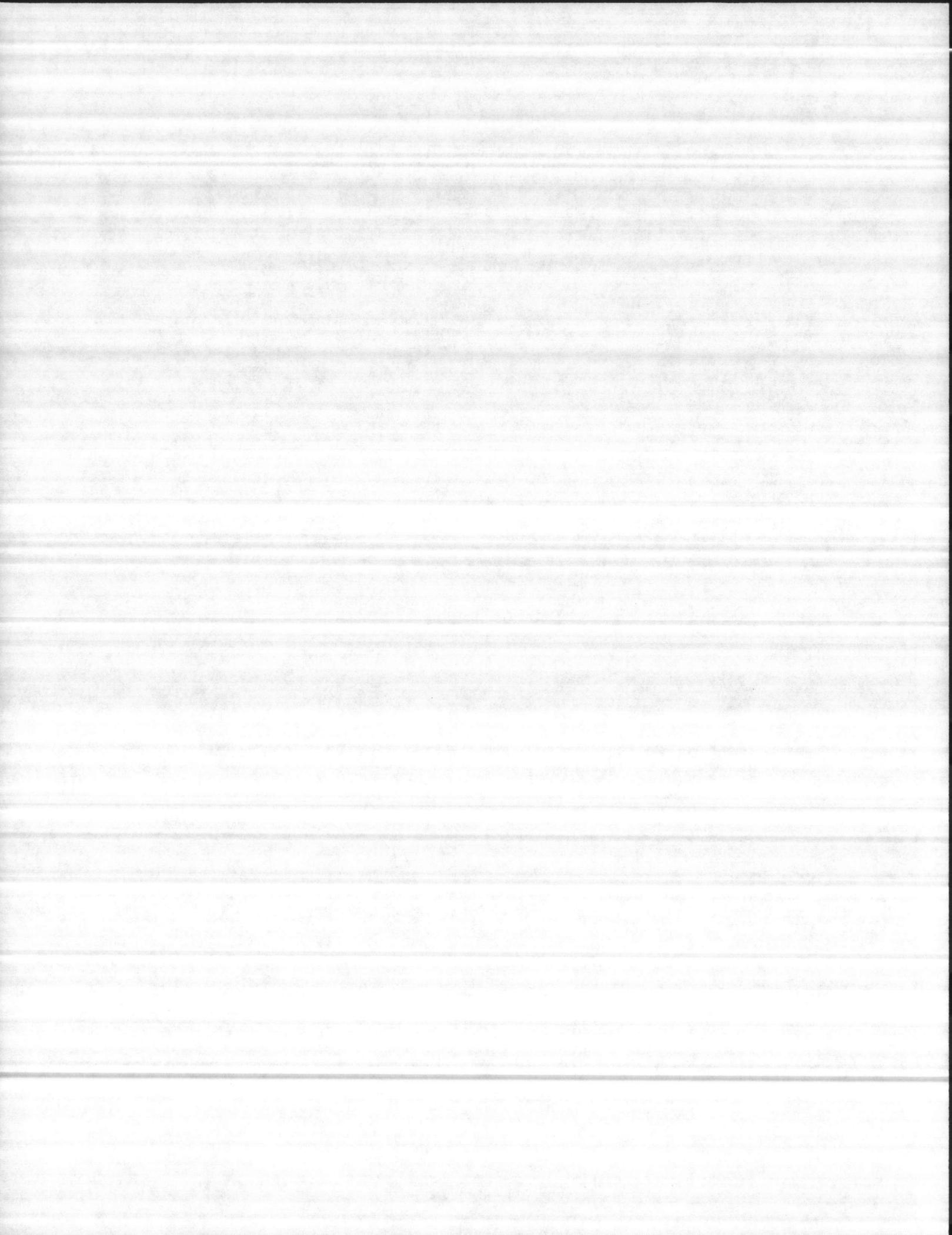
C.7.d CLEANUP OF JOB SITE: After removing sludge and replacing catalyst, the driveways, adjacent roads, and parking areas shall be swept clean of sludge, debris, and residue. All foreign materials such as bags, sand, etc., shall be removed from the site. The contractor shall be solely responsible for any spills, discharge of foreign matter or debris, or damages rendered upon Marine Corps Base, Air Station, City, County, or State Property under the performance of this contract, and shall take necessary precautions to prevent such occurrences.

END OF SECTION



PART I- THE SCHEDULE
SECTION D: PACKAGING AND DELIVER

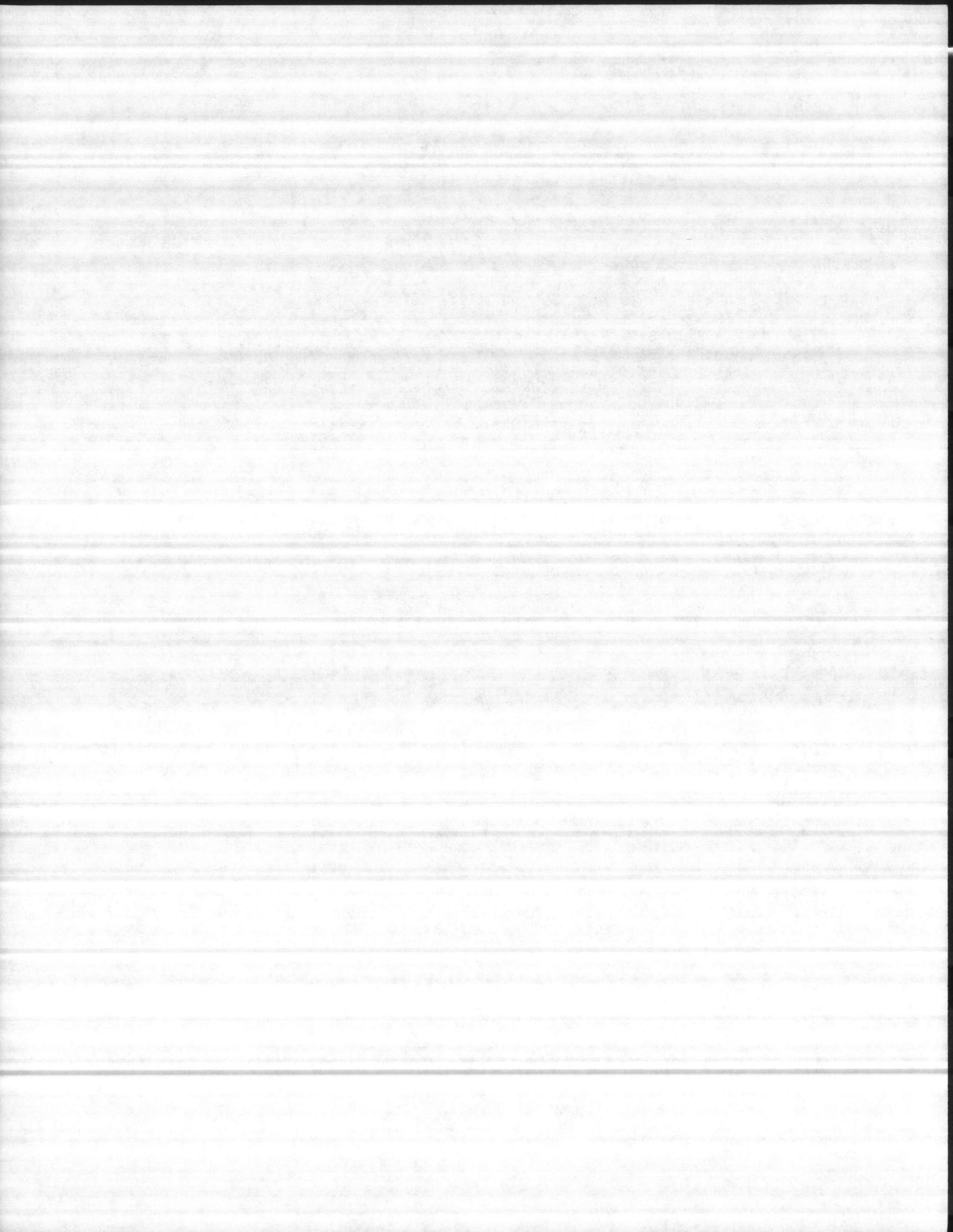
Not applicable.



PART 1 - THE SCHEDULE
SECTION E: INSPECTION AND ACCEPTANCE

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E.4	INSPECTION BY REGULATORY AGENCIES.....	E-2
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PART I - THE SCHEDULE
SECTION E: INSPECTION AND ACCEPTANCE

E.1 ACCEPTANCE

The performance and quality of work delivered by the Contractor, including services rendered and any documentation or written material compiled, shall be subject to inspection, review, and acceptance by the Government.

E.2 FAR 52.246-4, INSPECTION OF SERVICES - FIXED-PRICE (APR 1984)

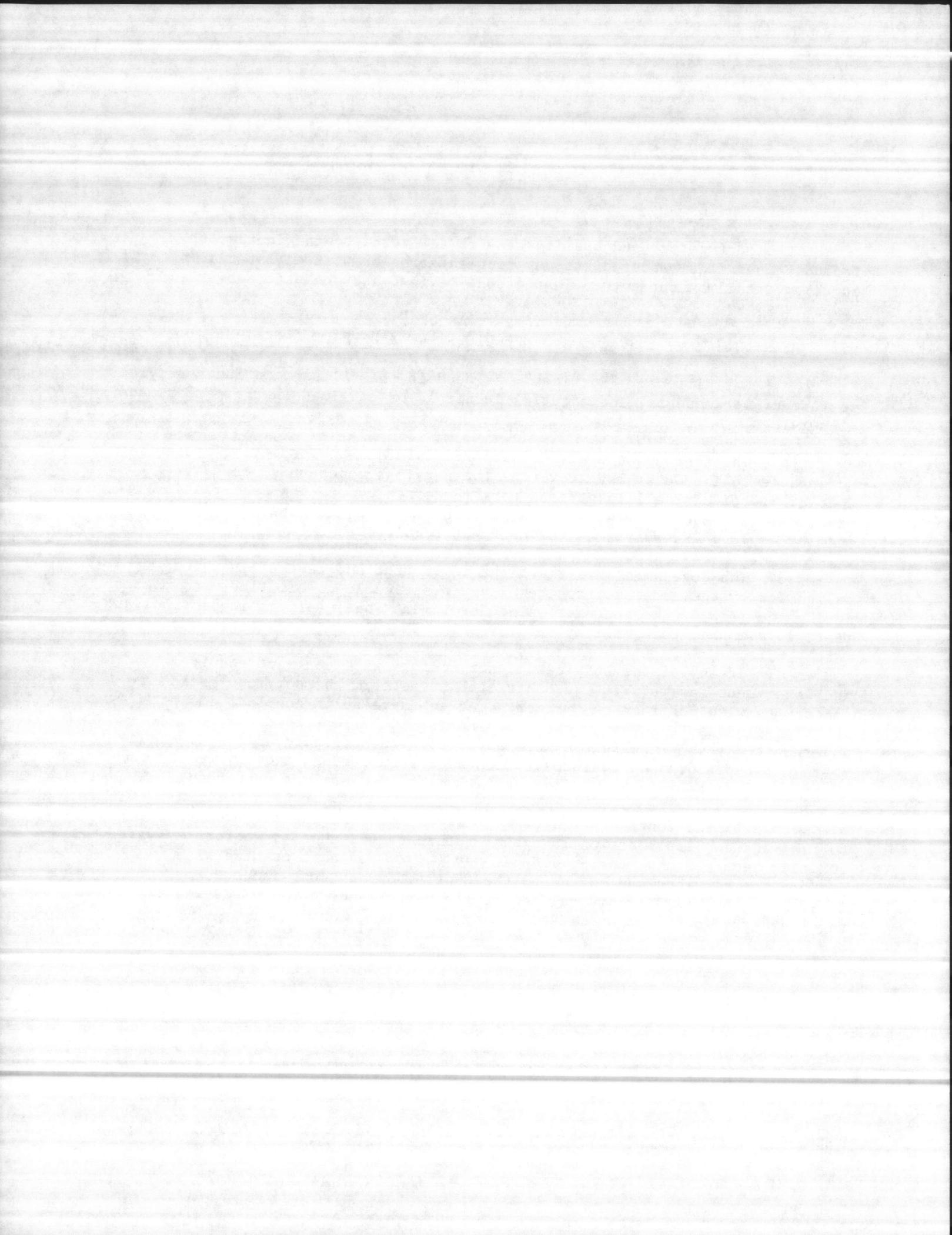
a. Definitions: "Services", as used in this clause, includes services performed, workmanship, and material furnished or utilized in the performance of services.

b. The Contractor shall provide and maintain an inspection system acceptable to the Government covering the services under this contract. Complete records of all inspection work performed by the Contractor shall be maintained and made available to the Government during contract performance and for as long afterwards as the contract requires.

c. The Government has the right to inspect and test all services called for by the contract, to the extent practicable at all times and places during the term of the contract. The Government shall perform inspections and tests in a manner that will not unduly delay the work.

d. If any of the services do not conform with contract requirements, the Government may require the Contractor to perform the services again in conformity with contract requirements, at no increase in contract amount. When the defects in services cannot be corrected by reperformance, the Government may (1) require the Contractor to take necessary action to ensure that future performance conforms to contract requirements and (2) reduce the contract price to reflect the reduced value of the services performed.

e. If the Contractor fails to promptly perform the services again or to take the necessary action to ensure future performance in conformity with contract requirements, the Government may (1) by contract or otherwise, perform the services and charge to the Contractor any cost incurred by the Government that is directly related to the performance of such service or (2) terminate the contract for default.



permitted or required to perform pursuant to (b) below and satisfactorily completes the work;

(b) may, at its option, afford the contractor an opportunity to perform the nonperformed work within a reasonable period subject to the discretion of the Contracting Officer, but in no event longer than 6 hours in the case of daily services, or 24 hours in the case of all other services, of the notice to the contractor of such nonperformance, at no additional cost to the Government; or

(c) may, at its option, perform the services by Government personnel or other means.

(2) In the case of unsatisfactory work, the Government:

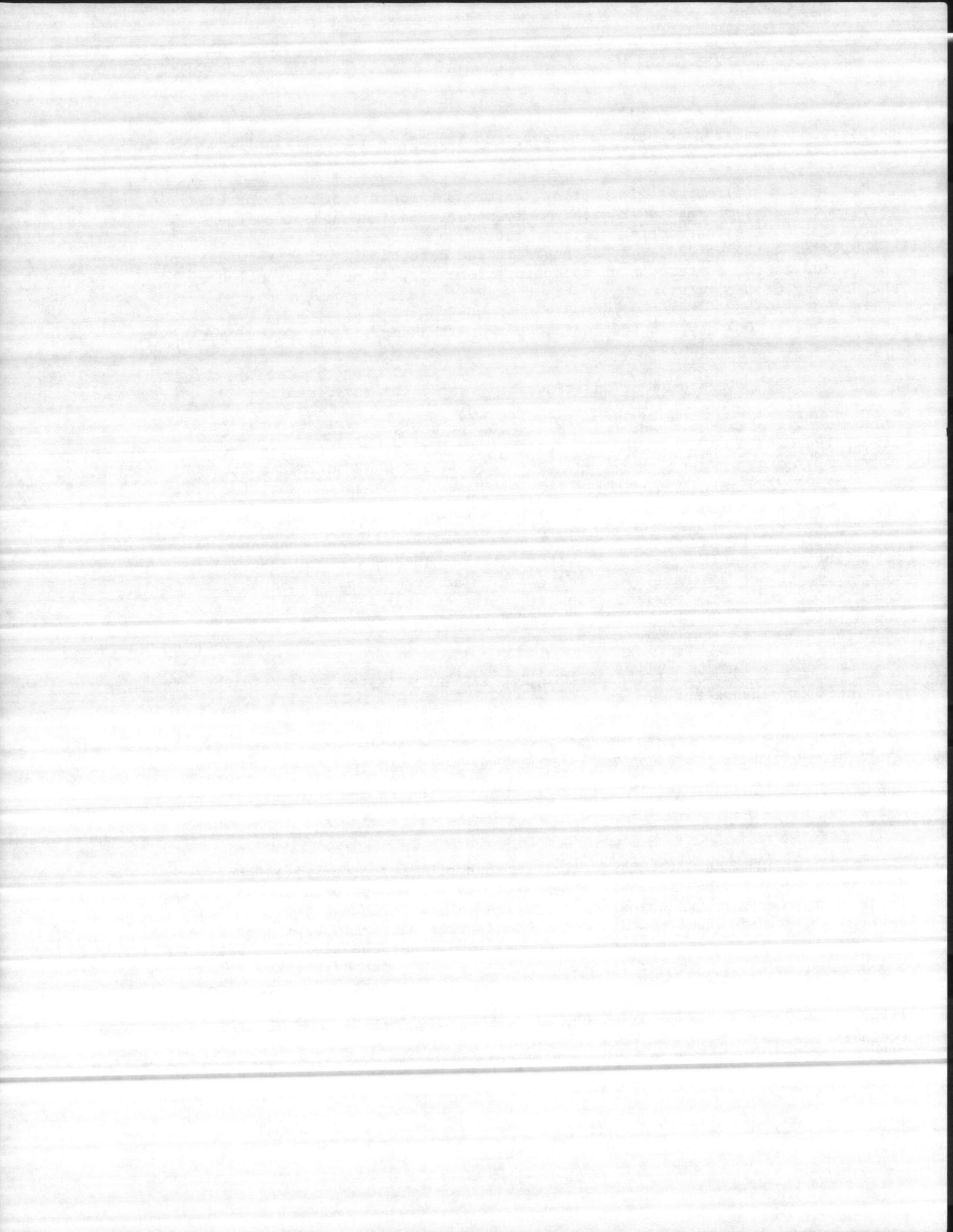
(a) shall deduct from the contractor's invoice all amounts associated with such unsatisfactory work at the rates set out in Section B or provided by other provisions of the contract, unless the contractor is afforded an opportunity to reperform pursuant to (b) below and satisfactorily completes the work;

(b) may, at its option, afford the contractor an opportunity to reperform the unsatisfactory work within a reasonable period subject to the discretion of the Contracting Officer, but in no event longer than 6 hours in the case of daily services, or 24 hours in the case of all other services, of the notice to the contractor of such unsatisfactory performance, at no additional cost to the Government; or

(c) may, at its option, perform the services by Government personnel or other means.

c. Should the Government elect options b.(1)(a), b.(1)(b), b.(2)(a), or b.(2)(b) above, the Government will also assess, as liquidated damages, an additional 10 percent of an amount associated solely for observed defects. The liquidated damages are to compensate the Government for administrative costs and other expenses resulting from the nonperformance or unsatisfactory performance.

d. Should the Government elect options b.(1)(c) or b.(2)(c) above, the Government will reduce the contract payment, by the amount paid to any Government personnel (based on wages, retirement and fringe benefits) plus materials, or the actual costs of other means that accomplished the services. If the actual costs cannot be readily determined, the Schedule of Deductions will be utilized in establishing a deduction amount. In addition to either payment deduction, the Government will assess an additional 20 percent in liquidated damages to compensate the Government for administrative costs and other expenses incurred by the Government to obtain satisfactory completion of the services



e. The Government's exercise of rights under this clause shall not preclude either (1) single occurrences of such nonperformance or unsatisfactory performance, or (2) multiple occurrences of nonperformance or unsatisfactory performance, regardless of whether deductions were taken, from being grounds for termination for default in accordance with the Clause entitled "DEFAULT (FIXED PRICE SUPPLY AND SERVICE) APR 1984" of Section I.

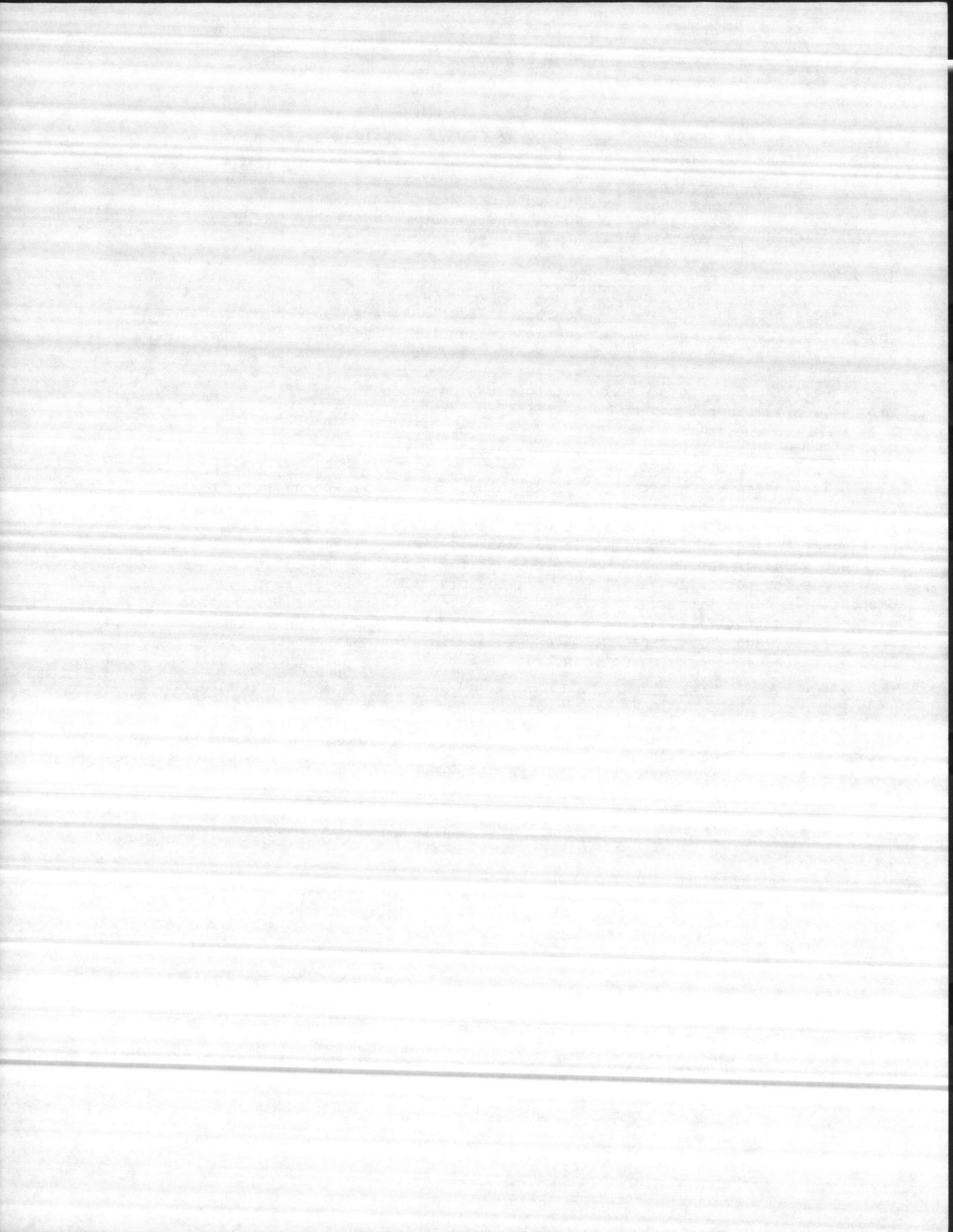
E.6 INSPECTION BY REGULATORY AGENCIES

All work and work areas described in Section C are subject to inspection by state, federal, and national agencies. The Contractor shall provide personnel to accompany the regulatory agency inspection teams. Contractor personnel shall be knowledgeable concerning the items being inspected. The Contractor shall participate in responding to all requests for information and inspection or review findings by regulatory agencies.

E.7 ESTIMATING THE VALUE OF PARTIALLY PERFORMED WORK

The Government's estimate of the value of work will be based on the Schedule of Indefinite Quantity Work in all instances except the following: for partially performed fixed price work items, Engineered Performance Standards (EPS) or other estimating sources will be utilized to estimate the workhour value of the unperformed portion of the work. To calculate deductions for partially performed work, the Government may estimate the Contractor's cost using wage rates and fringe benefits extracted from attached wage determination(s), Government estimates for the Contractor's overhead and profit rates, and Government estimates of material costs if applicable. A list of Engineered Performance Standards is contained in Attachment J-E1.

END OF SECTION



E.3 GOVERNMENT QUALITY ASSURANCE (QA)

In accordance with the "INSPECTION OF SERVICES - FIXED PRICE" clause (FAR 52.246-4), Section E, each phase of the services rendered under this contract is subject to Government inspection during both the Contractor's operations and after completion of the tasks. The Government's Quality Assurance Surveillance Program is not a substitute for Quality Control by the Contractor. All findings of incomplete or defective performance will be administered in accordance with the "CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM REQUIRED SERVICES" clause, Section E. All costs associated with rework are the responsibility of the Contractor. When the Contractor's overall performance is unsatisfactory, a Discrepancy Report will be issued by the Contracting Officer or his designated representative. The Contractor shall reply in writing, giving the reason(s) for unsatisfactory performance, and identify the corrective action(s) to be taken to prevent recurrence.

E.4 PERFORMANCE EVALUATION MEETINGS

The Contractor shall meet with the Government weekly during the first three weeks of the contract. Thereafter, meetings will be as often as necessary at the discretion of the Contracting Officer. A mutual effort will be made to resolve all problems identified. The written minutes of these meetings, prepared by the Government, shall be signed by the Contractor's representative and the Government's representative. Should the Contractor not concur with the minutes, the Contractor shall state, in writing, to the Contracting Officer any areas of disagreement within five days.

E.5 CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM REQUIRED SERVICES

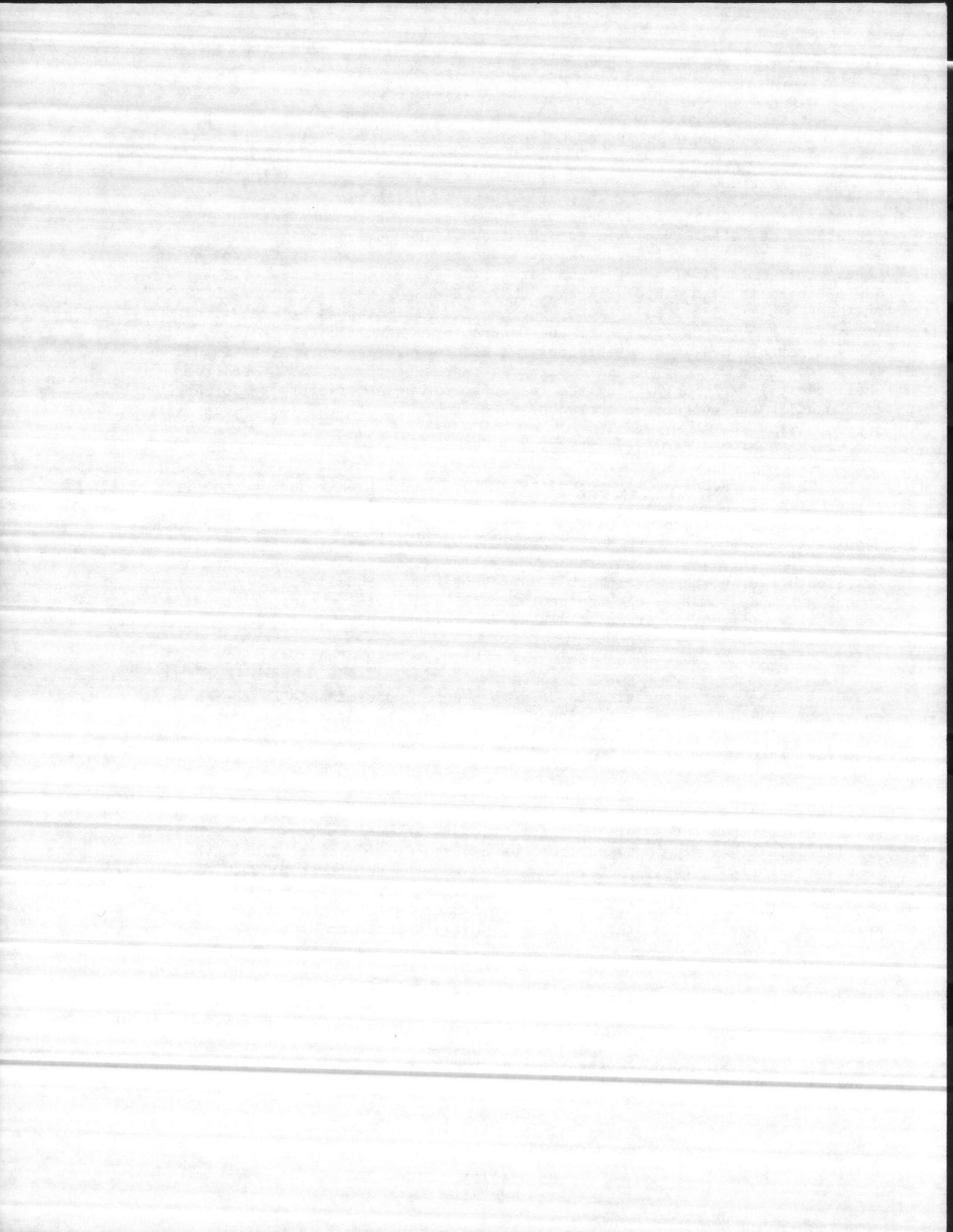
a. The contractor will be held to the full performance of the contract. The Government will deduct from the contractor's invoice or otherwise withhold payment for any items of nonconforming service observed as specified below.

(1) A service task may be composed of several subitems. A service task may be determined to be partially complete if the contractor satisfactorily completes some, but not all, of the subitems. In those cases, partial deductions may be taken from the contractor's invoice. The Government reserves all rights for partially completed work as set forth below:

b. The Government will give the contractor written notice of deficiencies by copies of the Inspector's Daily Reports or otherwise prior to assessing liquidated damages or deducting for unsatisfactory or nonperformed work. Therefore:

(1) In the case of nonperformed work, the Government:

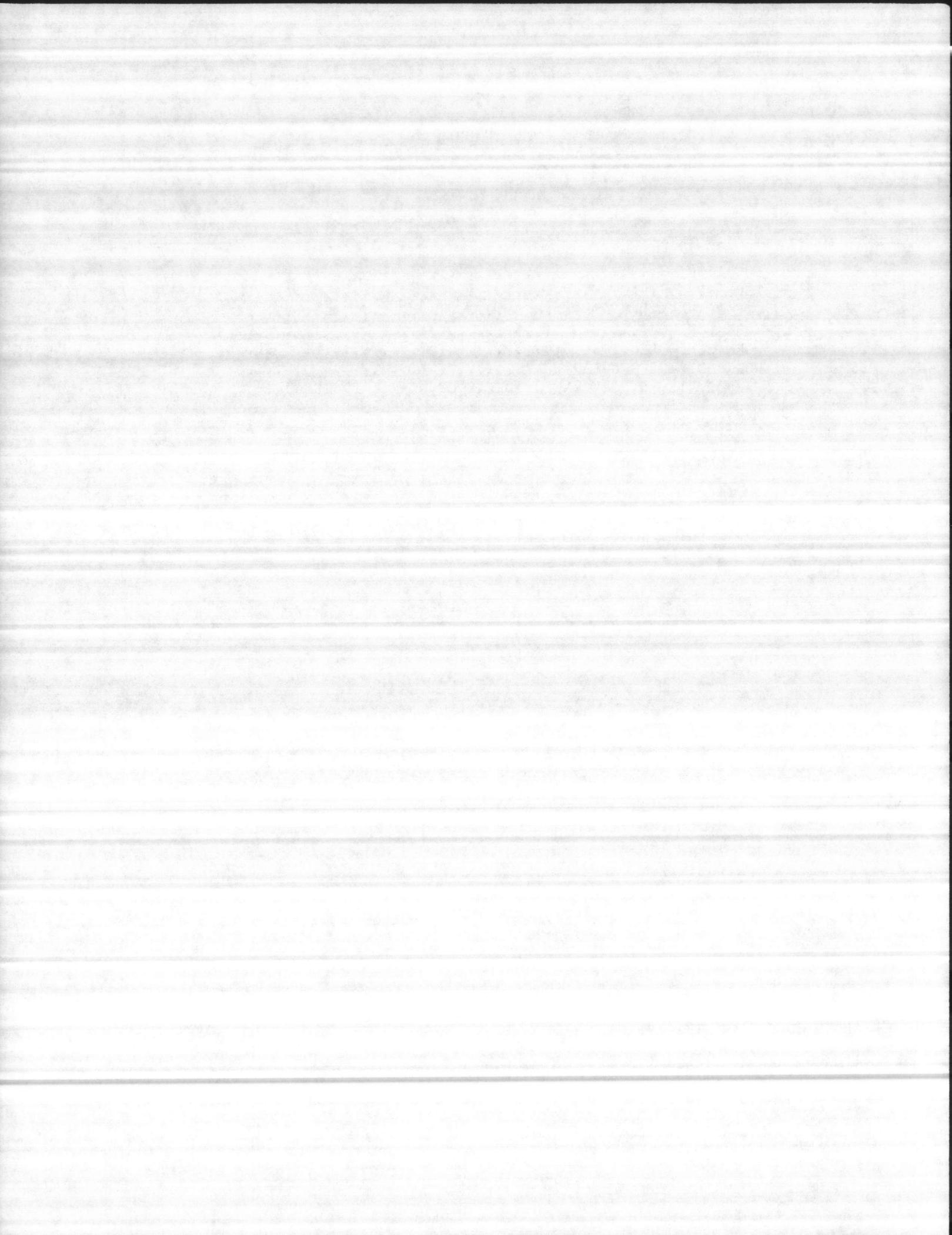
(a) will deduct from the contractor's invoice all amounts associated with such nonperformed work at the rates set out in Section B or provided by other provisions of this contract, unless the contractor is



PART 1 - THE SCHEDULE
SECTION F: DELIVERIES OR PERFORMANCE

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PART I - THE SCHEDULE
SECTION F: DELIVERIES OR PERFORMANCE

F.1 LOCATION

The work shall be located at the Marine Corps Base, Camp Lejuene, North Carolina, and the Marine Corps Air Station, Jacksonville, North Carolina. The exact locations will be indicated by the Contracting Officer.

F.2 TERM OF CONTRACT

The contract term shall be for a period commencing 1 October 1987 or within 15 days after notice of award, whichever is later, and ending 30 September 1988. The Government has the option to extend the term of the contract in accordance with FAR 52.217-9, "OPTION TO EXTEND THE TERM OF THE CONTRACT - SERVICES (APR 1984)" clause, Section I. In the option periods the Government will adjust the prices, as required, based on new Department of Labor Wage Rate Determinations.

F.3 PRE-PERFORMANCE CONFERENCE

Prior to commencing work, the Contractor shall meet with the Contracting Officer, at a time to be determined by the Contracting Officer, to discuss and develop mutual understandings concerning scheduling and administering work. The Contractor shall submit a current insurance certificate to the Contracting Officer at the pre-performance conference.

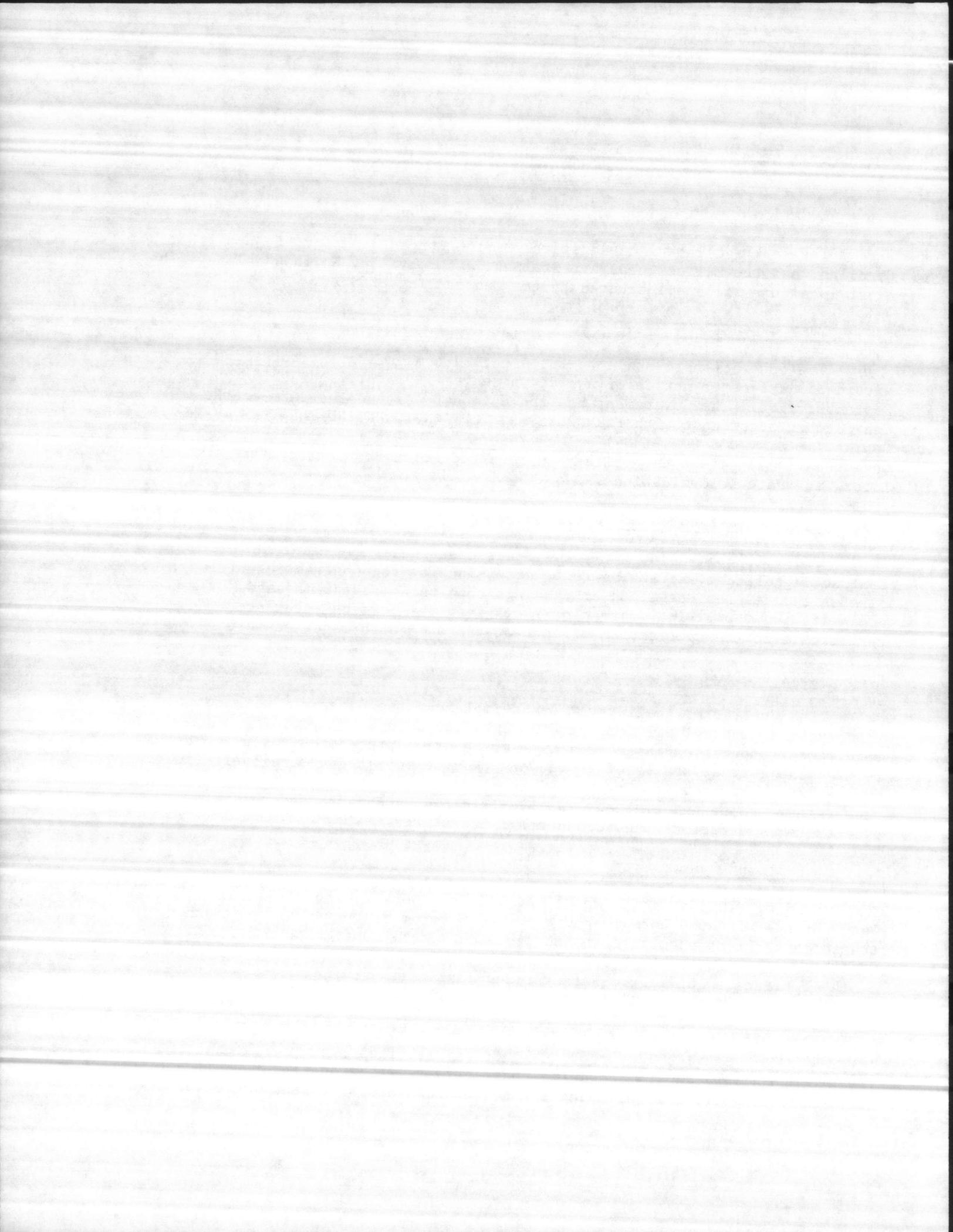
F.4 WORK CONTROL

The Contractor shall develop and implement the necessary work control procedures to control all work requirements including any specific requirements specified in Section C. Work control procedures shall accurately reflect the current status of known work requirements and ensure their timely completion. Work requirements shall be classified by the nature of the work requirement, scope and source. Task verification documents and delivery orders shall be part of the work control procedures.

F.5 WORK SCHEDULE

a. The Contractor shall arrange his work to prevent any interference with the normal occurrence of Government business. All work schedules shall be submitted to and approved by the Contracting Officer. The Contractor shall not change approved work schedules without the prior consent of the Contracting Officer. Whenever non-essential services have been scheduled on the date a holiday occurs, such services shall be performed on the following working day.

b. Service Interruptions. If any services must be disconnected (even temporarily) due to scheduled contract work, the Contractor shall notify the Contracting Officer, affected tenants and customers at least five working



days in advance. If the discontinued service is due to an emergency breakdown, the Contractor shall notify the Contracting Officer, affected tenants and customers as soon as possible.

c. For the Firm Fixed Price portion of this contract, work shall be performed in accordance with the scheduling requirements shown in Attachment J-F1.

F.6 WORK OUTSIDE REGULAR WORKING HOURS

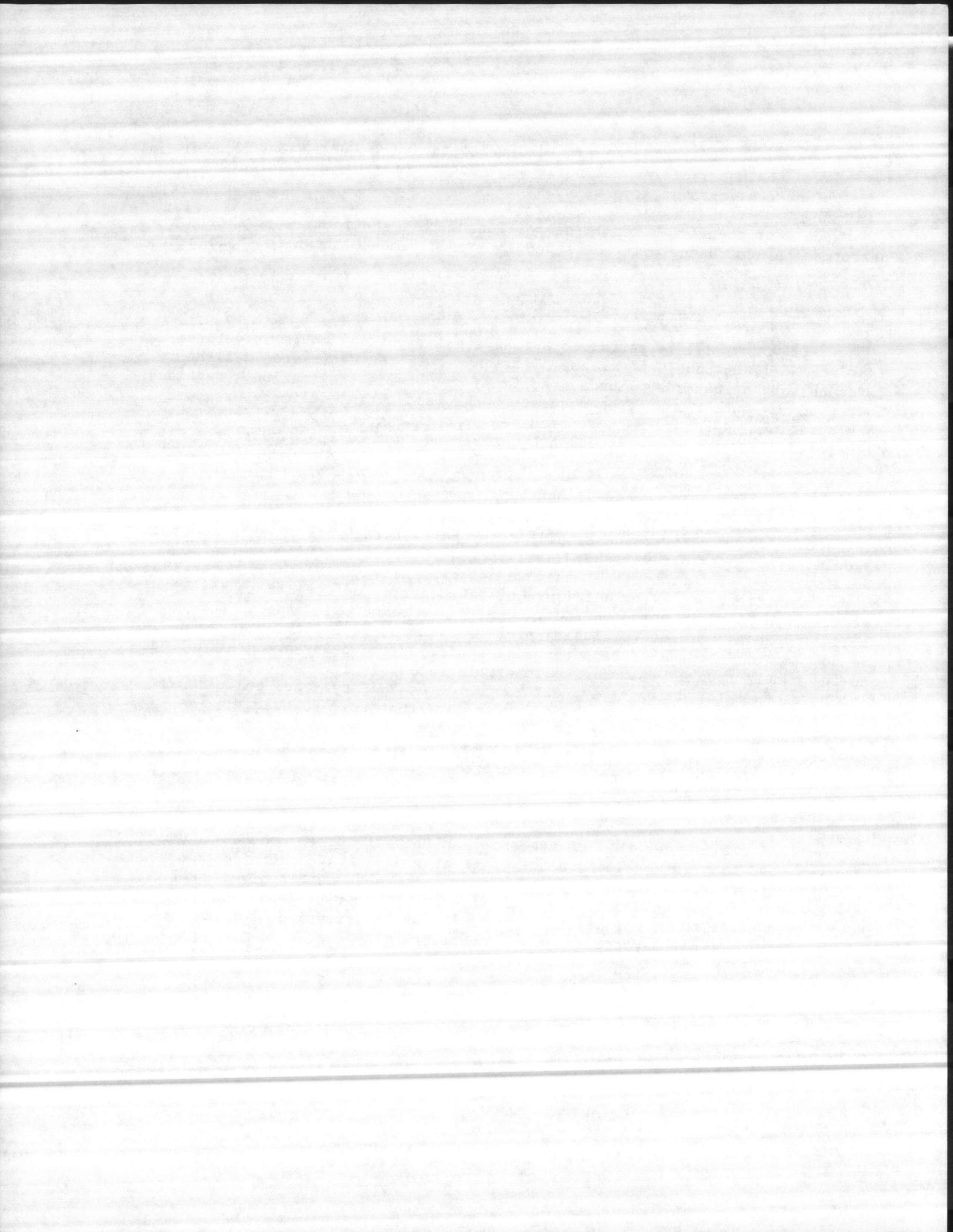
All work shall be performed during regular working hours as defined in the "DEFINITIONS-TECHNICAL" clause, Section C. If the Contractor desires to carry on work on Saturday, Sunday, holidays or outside the station's regular hours, he may submit a written request to the Contracting Officer for approval consideration. Requests must be received by the Contracting Officer seven days in advance of the requested work dates, and must be approved by the Contracting Officer prior to start of work.

F.7 FAR 52.212-15, GOVERNMENT DELAY OF WORK (APR 1984)

a. If the performance of all or any part of the work of this contract is delayed or interrupted (1) by an act of the Contracting Officer in the administration of this contract that is not expressly or impliedly authorized by this contract, or (2) by a failure of the Contracting Officer to act within the time specified in this contract, or within a reasonable time if not specified, an adjustment (excluding profit) shall be made for any increase in the cost of performance of this contract caused by the delay or interruption and the contract shall be modified in writing accordingly. Adjustment shall also be made in the delivery or performance dates and any other contractual term or condition affected by the delay or interruption. However, no adjustment shall be made under this clause for any delay or interruption to the extent that performance would have been delayed or interrupted by any other cause, including the fault or negligence of the Contractor, or for which an adjustment is provided or excluded under any other term or condition of this contract.

b. A claim under this clause shall not be allowed (1) for any costs incurred more than 20 days before the Contractor shall have notified the Contracting Officer in writing of the act or failure to act involved, and (2) unless the claim, in an amount stated, is asserted in writing as soon as practicable after the termination of the delay or interruption, but not later than the day of final payment under the contract.

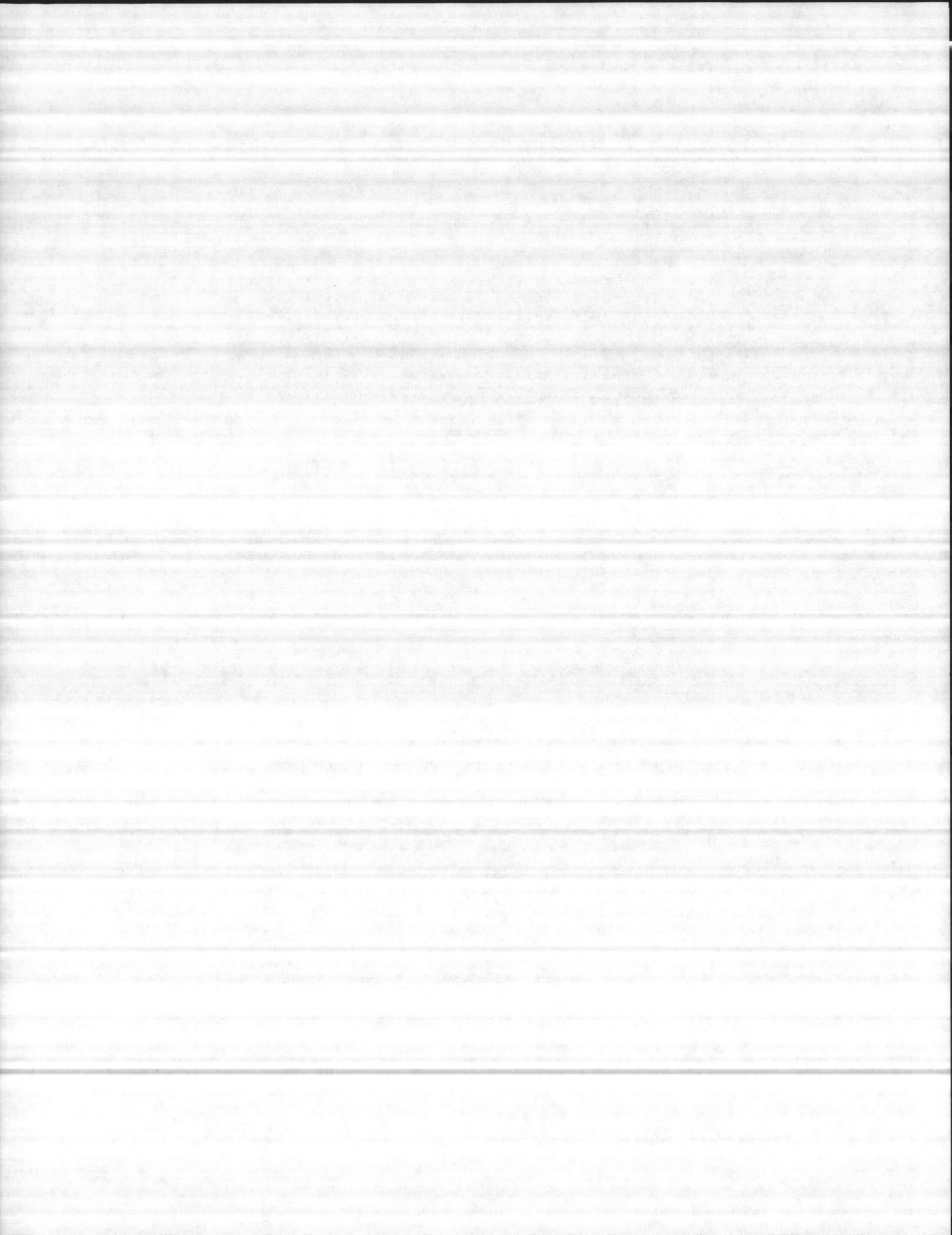
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PART 1 - THE SCHEDULE
SECTION G: CONTRACT ADMINISTRATION DATA

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PART I - THE SCHEDULE
SECTION G: CONTRACT ADMINISTRATION DATA

G.1 ORDERING OF WORK

a. Delivery Orders for the Indefinite Quantity portion of the contract will take the form of Department of Defense form DD Form 1155. The DD Form 1155 will be processed as described on the form. The Contracting Officer will designate persons as Ordering Officers with authority to approve issuance of Work Authorizations. See Attachment J-G1 for a sample Delivery Order and Work Authorization form.

b. Delivery Orders may be amended by agreement between the Contracting Officer and the Contractor. Amendments to Delivery Orders shall be effected on a Standard Form 30. Adjustments to the Delivery Order quantities will be made by a unilateral modification on a Standard Form 30. Orders may be amended orally by the Ordering Officer in emergency circumstances. Oral amendments shall be confirmed by issuance of a written amendment on Standard Form 30 within two (2) working days from the time of the oral communication amending the order. See Attachment J-G2 for a sample of the SF 30.

c. Work under the Indefinite Quantity portion of the contract will be ordered by issuance of Work Authorizations. Work Authorizations, issued against Delivery Orders, will be issued to the Contractor in triplicate. No work shall begin until a Work Authorization is issued, except in emergency situations (see Oral Orders below). A copy of the Work Authorization shall be submitted by the Contractor with the invoice for payment. One copy shall be submitted within 24 hours of completion of work, and one copy retained by the Contractor.

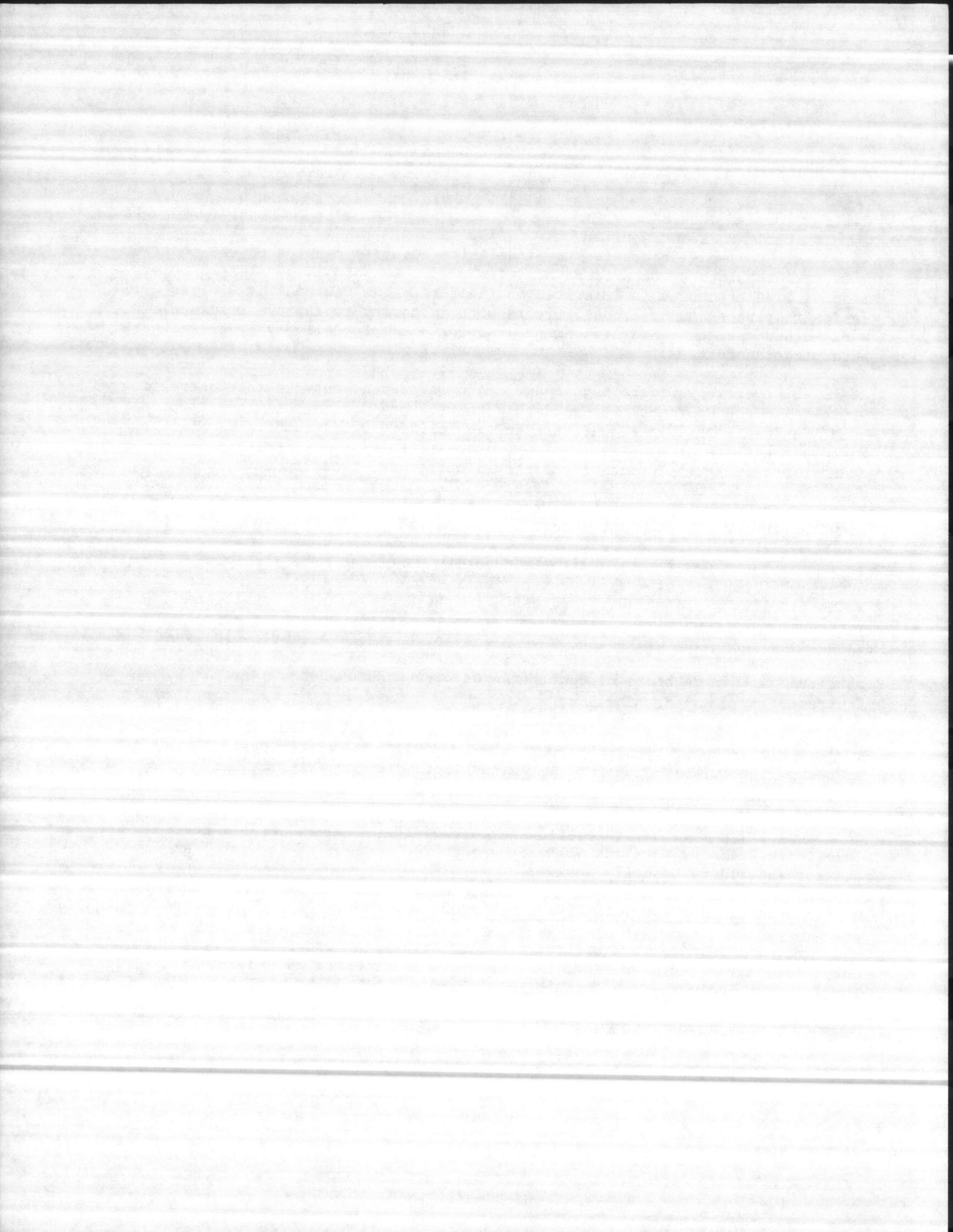
d. The Ordering Officers (designated per a. above) may issue oral orders only in emergency circumstances. Oral orders will be confirmed by issuance of a written Work Authorization within two (2) working days.

e. The total amount of Indefinite Quantity Work ordered during the contract period will be at least 30 percent of the total amount bid for Indefinite Quantity Work and will not exceed 200 percent of the total amount bid for Indefinite Quantity Work.

G.2 DFARS 52.232-7000; INVOICES (OCT 1982)

a. An invoice is a written request for payment under the contract for supplies delivered or for services rendered. In order to be proper, an invoice must include as applicable the following:

- (1) Invoice date;
- (2) Name of Contractor;



- (3) Contract number (including order number if any), contract line item number, contract description of supplies or services, quantity, contract unit of measure and unit price, and extended total;
- (4) Shipment number and date of shipment (bill of lading number and weight of shipment will be shown for shipments on government bills of lading);
- (5) Name and address to which payment is to be sent (which must be the same as that in the contract or on a proper notice of assignment);
- (6) Name (where practicable), title, phone number and mailing address of person to be notified in event of a defective invoice; and
- (7) Any other information or documentation required by other provisions of the contract (such as evidence of shipment).

Invoices shall be prepared and submitted in quadruplicate (one copy shall be marked "original") unless otherwise specified.

b. For purposes of determining if interest begins to accrue under the Prompt Payment Act (Public Law 97-177):

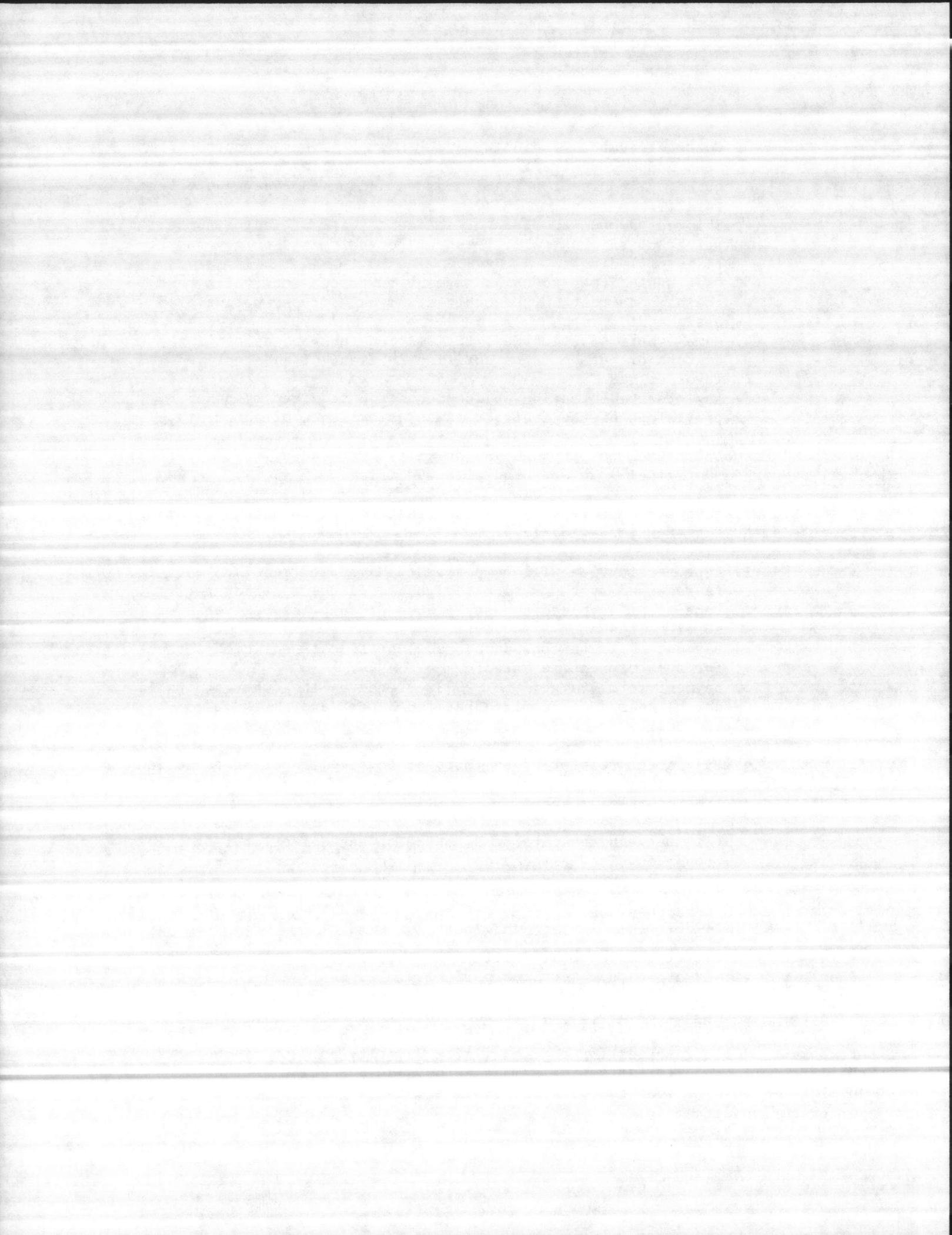
- (1) A proper invoice will be deemed to have been received when it is received by the office designated in the contract for receipt of invoices and acceptance of supplies delivered or services rendered has occurred;
- (2) payment shall be considered made on the date on which a check for such payment is dated;
- (3) payment terms (e.g., "net 20") offered by the Contractor will not be deemed a "required payment date;" and
- (4) the following periods of time will not be included

(i) after receipt of an improper invoice and prior to notice of any defect or impropriety, but not to exceed 15 days (or any lesser period established by this contract); and

(ii) between the date of a notice of any defect or impropriety and the date a proper invoice is received. When the notice is in writing, it shall be considered made on the date shown in the notice.

G.3 INVOICING INSTRUCTIONS

The Contractor shall submit invoices monthly to the Contracting Officer in original with 4 copies for services performed. Payment will be based on invoices submitted by the Contractor for satisfactorily completed work. Invoices will be processed for payment upon verification of work actually performed and receipt of required Contractor submittals as identified in Attachment J-C1. Invoices for the Indefinite Quantity portion of the work shall be formatted similar to the samples provided in Section J-G and submitted with a copy of the Delivery Order and copies of each completed Work Authorization attached.



G.4 MODIFICATION PROPOSALS - PRICE BREAKDOWN

a. The Contractor, in connection with any proposal he makes for a contract modification, shall furnish a price breakdown, itemized as required by the Contracting Officer. Unless otherwise directed, the breakdown shall contain sufficient detail to permit an analysis of all material, labor, equipment, subcontract, and overhead costs, as well as profit, and shall cover all work involved in the modification, whether such work was deleted, added, or changed. Any amount claimed for subcontractors shall be supported by a similar price breakdown.

b. In addition, if the proposal includes a time extension, a justification thereof shall also be furnished. The proposal, together with the price breakdown and time extension justification, shall be furnished by the date specified by the Contracting Officer.

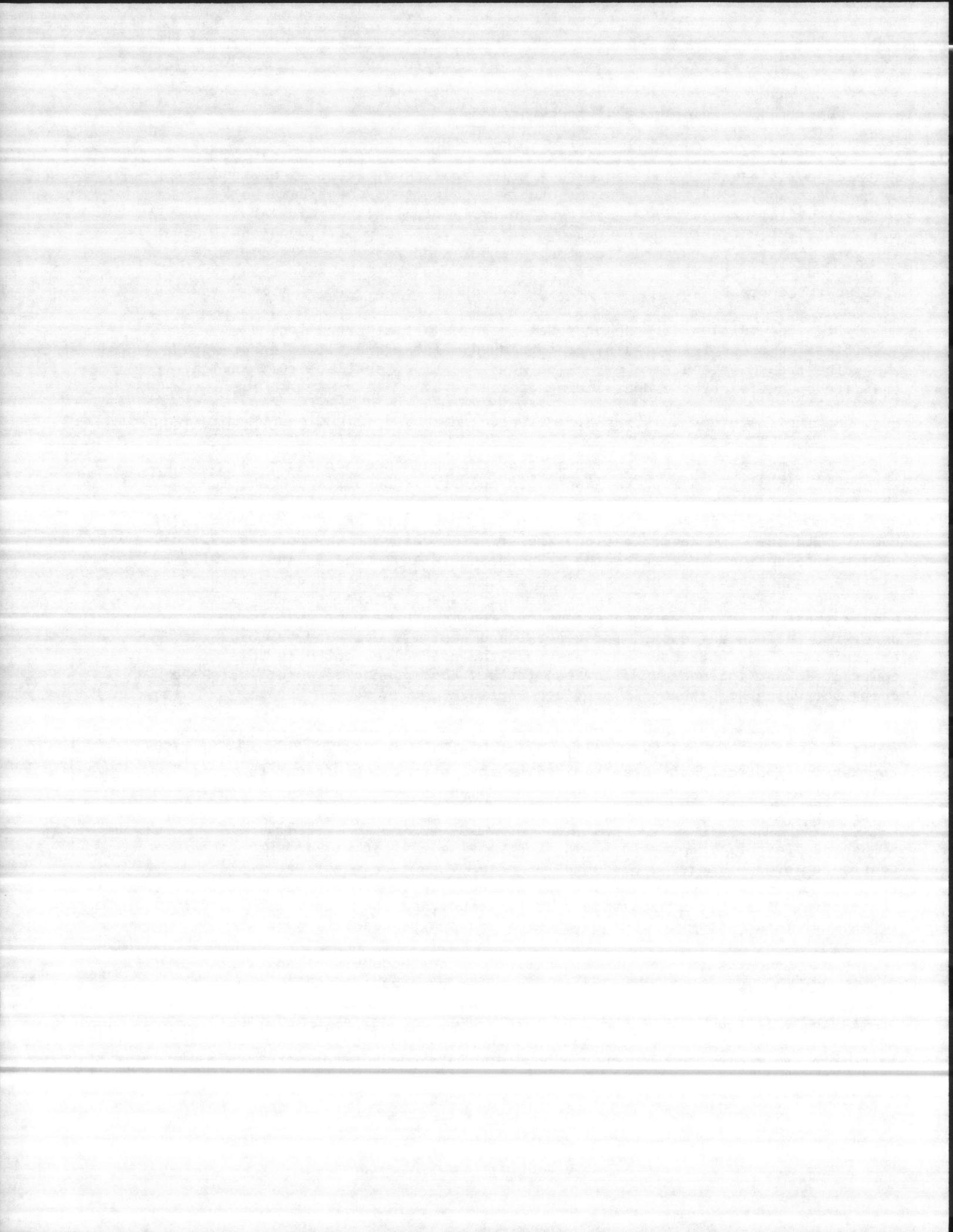
G.5 PRICE ADJUSTMENTS IN THE OPTION YEARS FOR CHANGES IN WAGE DETERMINATIONS

a. General. Where, as a result of the Department of Labor determination of minimum prevailing wages and fringe benefits applicable at the beginning of the renewal option period, the Contractor increases or decreases wages or fringe benefits of employees working on this contract to comply with the wage determination, the affected contract unit prices will be adjusted to reflect such increases or decreases. Any such adjustments will be limited to increases or decreases in wages or fringe benefits as described above, and the concomitant increases or decreases in social security and unemployment taxes and workmen's compensation insurance, but shall not otherwise include any amount for general and administrative costs, overhead, or profits. The Contractor warrants that the prices set forth in this contract do not include any allowance for any contingency to cover increased costs for which adjustment is provided herein.

b. Payroll Records and Documentation. When requested, the Contractor shall provide to the Contracting Officer any payroll records and documentation for Service Contract Act work required by the Contracting Officer to verify information concerning wages, hours expended, or price adjustments. Failure to provide payroll records and documents may result in no price adjustments.

c. Payroll Information. The Contracting Officer will notify the Contractor of any increase or decrease in the wage determinations applicable to this contract. Upon request, the Contractor shall provide to the Contracting Officer the wage rate paid by trade, and the direct labor hours expended for each item in the Schedule of Indefinite Quantity Work .

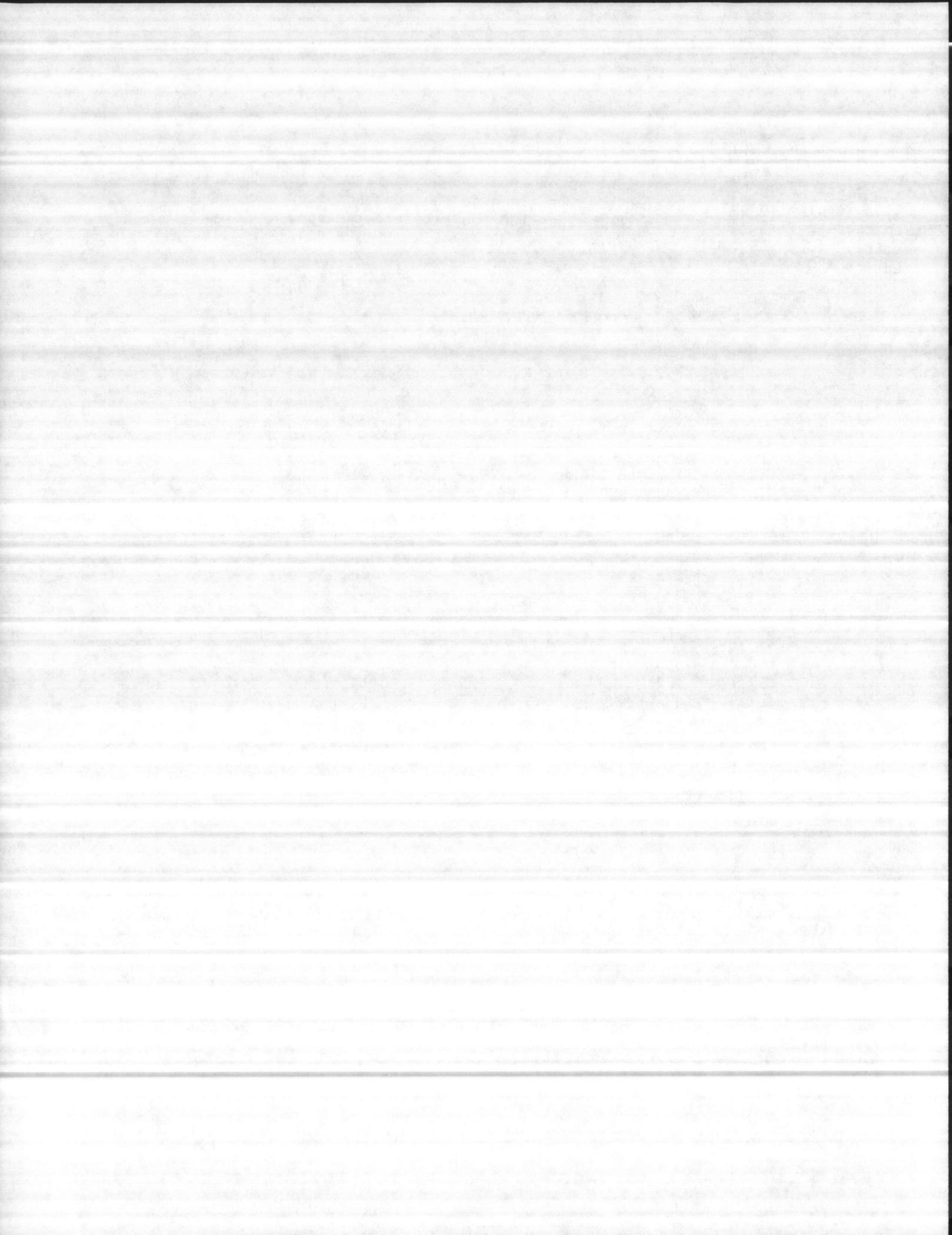
d. Computation of Adjusted Unit Prices for Schedule of Indefinite Quantity Work. The unit price adjustments for each unit price in the Schedule of Indefinite Quantity Work will be determined independently following the procedure described. For each trade involved in accomplishing the work item, the difference between the rate paid and the new wage determination rate will be multiplied by the actual hours expended. This product for each trade will be totaled and then divided by the actual number of units ordered. The resulting figure will be the unit price adjustment.



G.6 OPTION PERIOD RENEWAL NOTICE

Written notice to the Contractor from the Government stating that it will exercise an option period will be given to the Contractor by the Contracting Officer not less than sixty (60) days before the contract is to expire. (See FAR 52.217-9 "OPTION TO EXTEND THE TERM OF THE CONTRACT" clause, Section I).

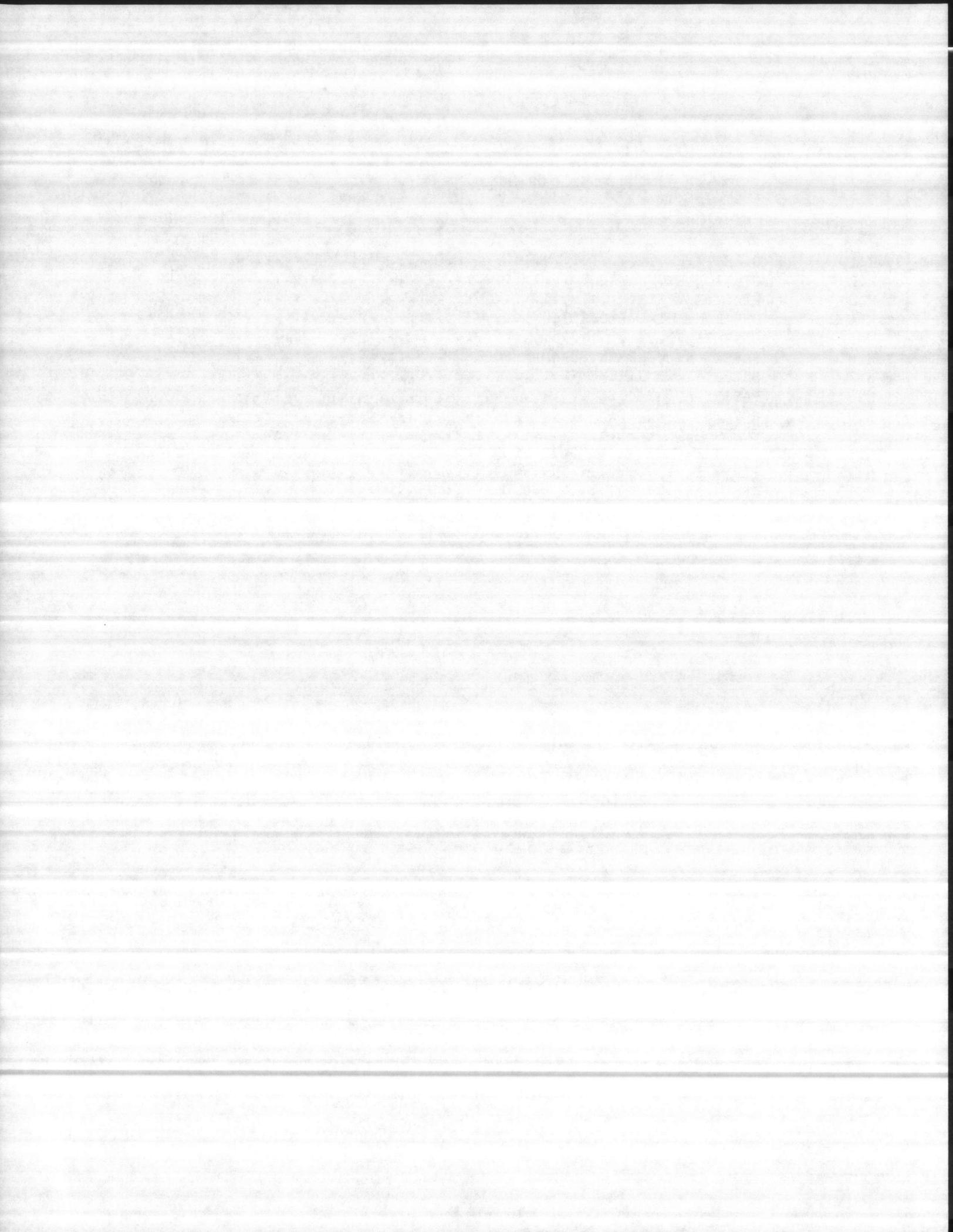
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PART 1 - THE SCHEDULE
SECTION H: SPECIAL CONTRACT REQUIREMENTS

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PART 1 - THE SCHEDULE
SECTION H: SPECIAL CONTRACT REQUIREMENTS

H.1 RESERVED

H.2 STATION REGULATIONS

The Contractor and his employees shall become acquainted with and obey all Government regulations as posted, or as requested by the Contracting Officer.

H.3 FIRE PREVENTION

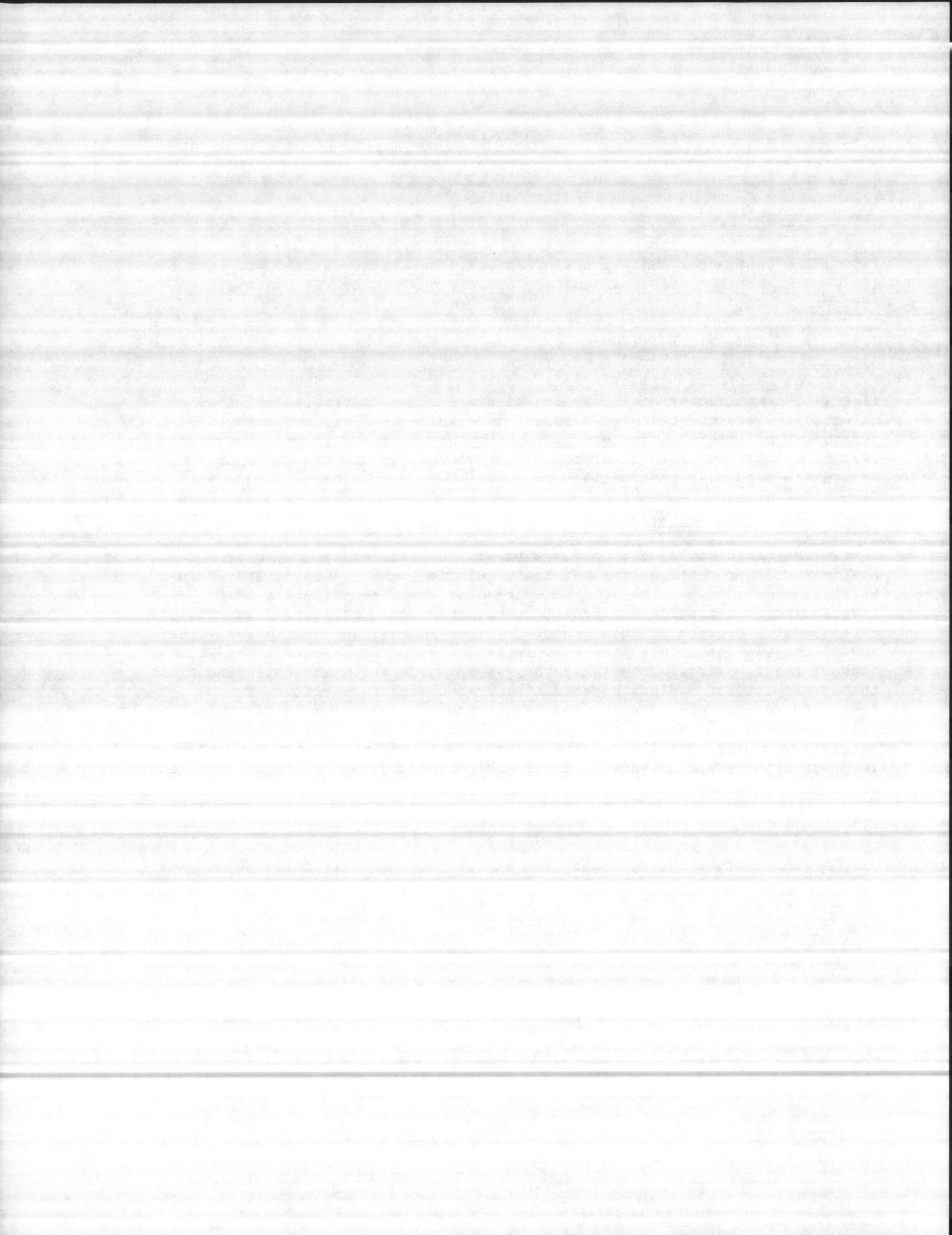
The Contractor and his employees shall know how to turn in a fire alarm. The Contractor shall handle and store all combustible supplies, materials, waste and trash in a manner that prevents fire or hazard to persons, facilities, and material. Contractor employees operating critical equipment shall be trained to properly respond during a fire alarm or fire in accordance with base instruction procedures.

H.4 ENVIRONMENTAL PROTECTION

The Contractor shall comply with all federal, state and local environmental protection laws and the regulations and standards listed in Attachment J-H1 of Section J. The Contractor shall coordinate all environmental protection matters with the Contracting Officer. The Activity Environmental Protection Coordinator or other authorized officials may inspect any of the facilities operated or maintained by the Contractor at any time and without prior notice. If a regulatory agency assesses a monetary fine against the Government for violations resulting from Contractor actions, the Contractor shall reimburse the Government for the amount of the fine and related costs. The Contractor shall clean up any oil, chemical, sand, catalyst, or sludge spills resulting from his operations at his own expense. The Contractor shall not create a nuisance or hazard to the health of military or civilian personnel.

H.5 DISPOSAL

Debris, rubbish and nonusable material resulting from the work under this contract may be disposed of on Government property at the Base Sanitary Landfill at the direction of the Contracting Officer or off Government property, at the option of the Contractor. The Contractor shall dispose of hazardous waste in accordance with the Resource Conservation and Recovery Act and its associated state and local regulations.



H.6 SAFETY REQUIREMENTS AND REPORTS

a. The Contractor shall conduct all work in a safe manner and shall comply with the requirements described in the FAR 52.236-13, "ACCIDENT PREVENTION (APR 1984)" clause, Section I, and in Attachment J-H2 of Section J. The Contractor shall provide all necessary safety equipment.

b. Prior to commencing work, the Contractor shall meet with the Contracting Officer to discuss and develop mutual understandings concerning the Contractor's administration of a Safety Program.

c. The Government may inspect the Contractor's workspace for OSHA and Navy violations. Abatement of violations will be the responsibility of the Contractor. The Contractor shall assist inspectors from the Safety Office and federal or state OSHA offices if a complaint is filed. The Contractor shall pay promptly any fines levied by federal or state OSHA offices.

d. In accordance with the FAR 52.236-13, "ACCIDENT PREVENTION (APR 1984)" clause, Section I, the Contractor shall report to the Contracting Officer in the manner and on the forms prescribed in Attachment J-H2, exposure data and all accidents resulting in death, trauma, or occupational disease within 24 hours of their occurrence.

e. In accordance with the FAR 52.236-13, "ACCIDENT PREVENTION (APR 1984)" clause, Section I, the Contractor shall submit to the Contracting Officer a full report of damage to Government property and/or equipment by Contractor employees within 24 hours of the occurrence.

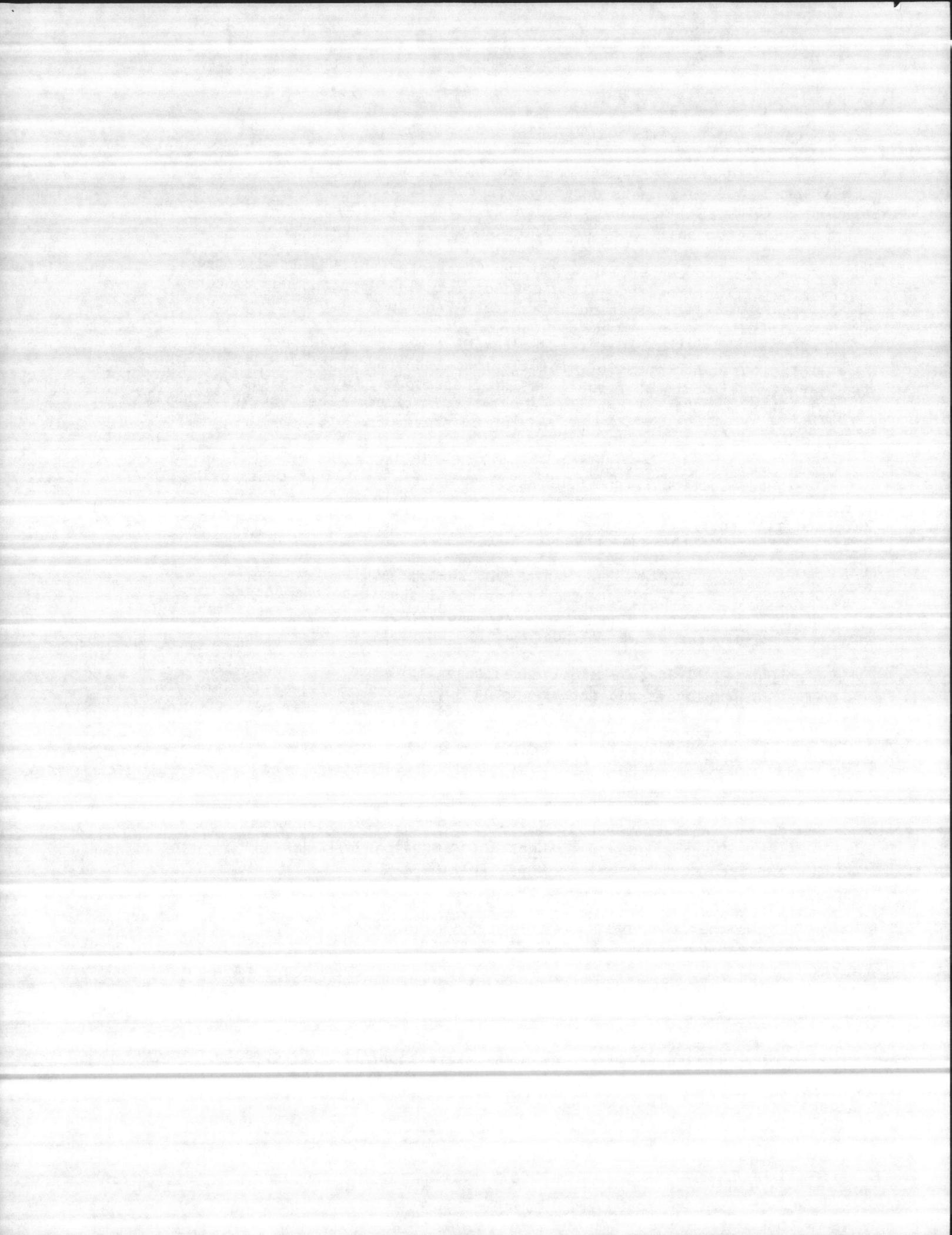
f. Only emergency medical care is available in Government facilities to Contractor employees who suffer on-the-job injury or disease. Care will be rendered under the conditions and at the rates established in NAVMEDCOMINST 6320.3 series. The Contractor shall reimburse the Naval Regional Medical Center Collection Agent promptly upon receipt of statement.

H.7 SECURITY REQUIREMENTS

a. The Contractor shall comply with all activity security requirements. Upon request, the Contractor shall submit the name and address of each employee performing work under this contract and shall have the employees fill out questionnaires and other forms required for security.

b. Neither the Contractor nor any of his employees shall disclose or cause to be disseminated any information concerning the operations of the activity which could result in or increase the likelihood of the possibility of a breach of the activity's security or interrupt the continuity of its operations.

c. Disclosure of information to any person not entitled to receive it, or failure to safeguard any classified information that may come to the Contractor or any person under his control, may subject the Contractor, his agents or employees to criminal liability under 18 U.S.C. Sections 793 and 798.



d. All inquiries, comments or complaints arising from any matter observed, experienced, or learned as a result of or in connection with the performance of this contract, the resolution of which may require the dissemination of official information will be directed to the activity Commander.

e. Deviations from or violations of any of the provisions of this paragraph will, in addition to all other criminal and civil remedies, provided by law subject the Contractor to immediate termination for default and/or the individuals involved to a withdrawal of the Government's acceptance and approval of employment.

H.8 PASSES AND BADGES

All Contractor employees shall obtain the required employee and vehicle passes from the Marine Corps Base Provost Marshall's Office. Prior to the start of the contract, the Contractor shall submit to the Contracting Officer an estimate of the number of personnel expected to be utilized at any one time on the contract. The Government will issue badges without charge. When an employee leaves the Contractor's service, the employee's pass and badge shall be returned immediately to the Provost Marshall's Office. Contractor employees may be denied base passes for conviction of a serious crime within the past five years. Serious crimes are those involving dishonest, violent, or abhorrent behavior. The Government may, at its option, grant Contractor personnel temporary passes, pending security approval. If a temporary pass is issued, a permanent pass must be obtained within four weeks. Issuance of temporary passes and badges does not constitute any obligation to issue permanent passes and badges.

H.9 ACCESS TO BUILDINGS

The Contractor shall be responsible, through the Contracting Officer, to obtain access to buildings and facilities and when necessary shall arrange for them to be opened and closed.

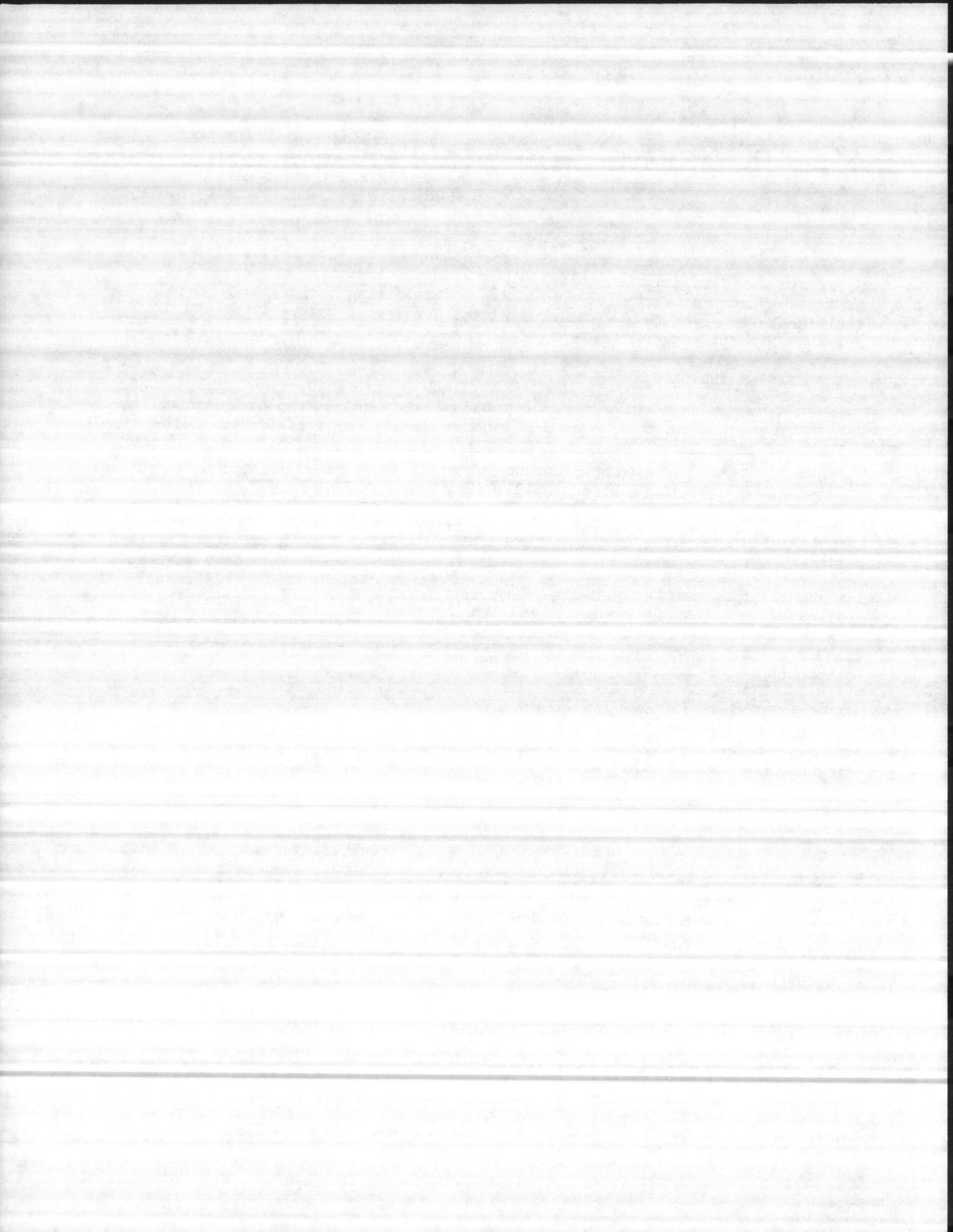
H.10 CONTRACTOR EMPLOYEES

a. In accordance with the FAR 52.236-6, "SUPERINTENDENCE BY CONTRACTOR (APR 1984)" clause, Section I, the Contractor shall designate to the Contracting Officer in writing the name(s) of responsible supervisory person(s) authorized to act for the Contractor.

b. The Contractor shall furnish sufficient personnel to perform, supervise, and manage all work.

c. Contractor employees shall conduct themselves in a proper, efficient, courteous and businesslike manner.

d. The Contractor shall remove immediately from the site any individual whose continued employment is deemed by the Contracting Officer to be contrary to the public interest or inconsistent with the best interests of National Security.



e. No employee or representative of the Contractor will be admitted to the site of work unless he furnishes satisfactory proof that he is a citizen of the United States, or, if an alien, that his residence within the United States is legal.

H.11 IDENTIFICATION OF CONTRACTOR VEHICLES

The Contractor shall display on each of his vehicles at all times a valid state license plate and safety inspection sticker. Contractor vehicles operated on Government property shall be maintained in good repair. Privileges for commercial vehicles shall apply only to Contractor vehicles permanently identified as Contractor vehicles and shall not apply to the personal vehicles of any Contractor employee.

H.12 PERMITS

In accordance with the 52.236-7, "PERMITS AND RESPONSIBILITIES (APR 1984)" clause, Section I, the Contractor shall, without additional expense to the Government, obtain all appointments, licenses, and permits required to perform work under this contract. The Contractor shall comply with all applicable federal, state, and local laws. Evidence of such permits and licenses shall be provided to the Contracting Officer before work commences and at other times as requested by the Contracting Officer.

H.13 INSURANCE

a. Within 15 days after the award of this contract, and prior to starting work, the Contractor shall furnish the Contracting Officer a certificate of insurance as evidence of the existence of the following insurance coverage in amounts not less than the amounts specified below in accordance with the FAR 52.228-05, "INSURANCE - WORK ON A GOVERNMENT INSTALLATION (APR 1984)" clause, Section I.

COVERAGE

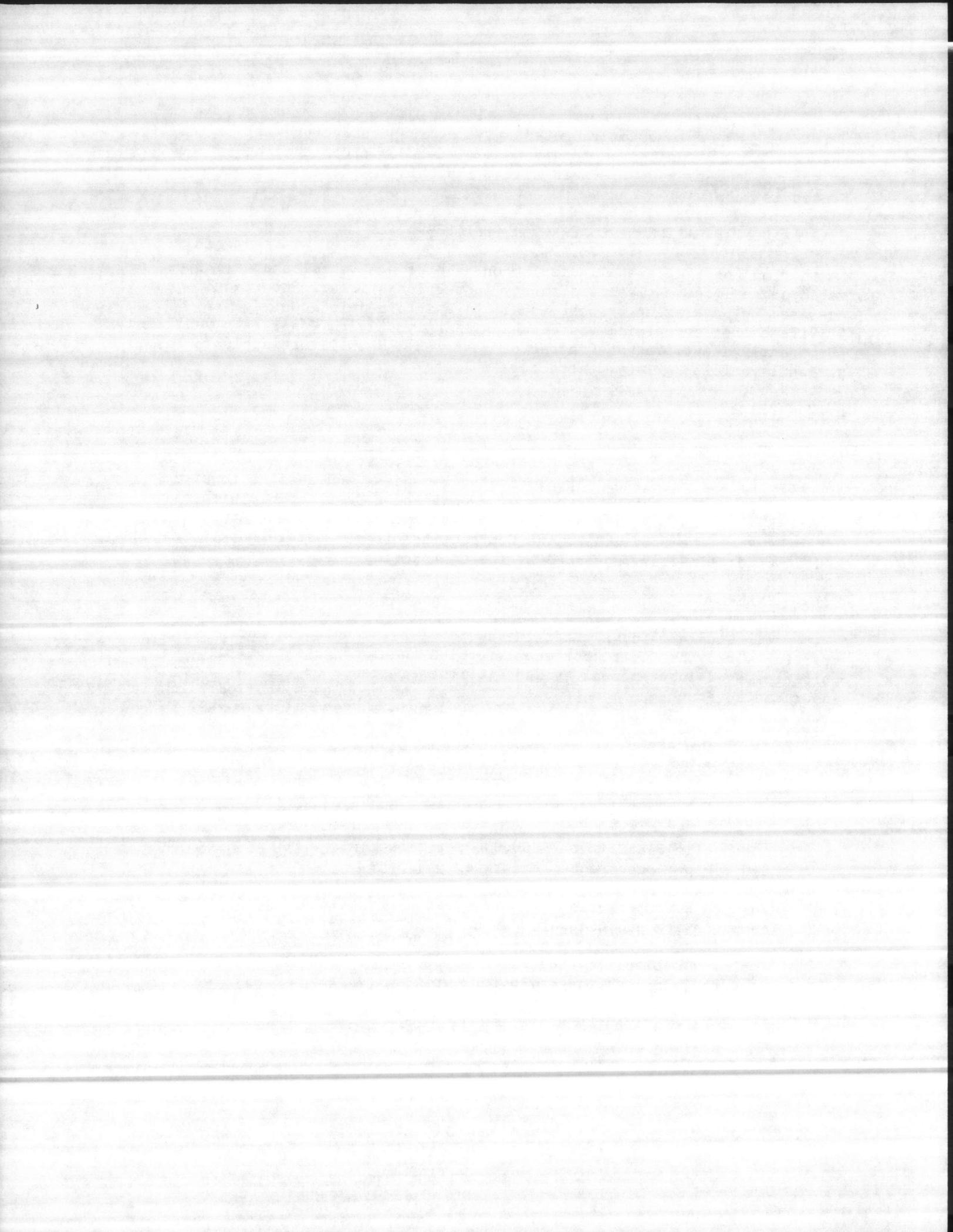
Comprehensive General Liability: \$500,000 per occurrence,

Automobile Liability: \$200,000 per person; \$500,000 per occurrence, \$20,000 per occurrence for property damage.

Workmen's Compensation: As required by Federal and State workers' compensation and occupational disease statutes.

Employer's Liability Coverage: \$100,000, except in states where workers' compensation may not be written by private carriers.

Other as required by state law.

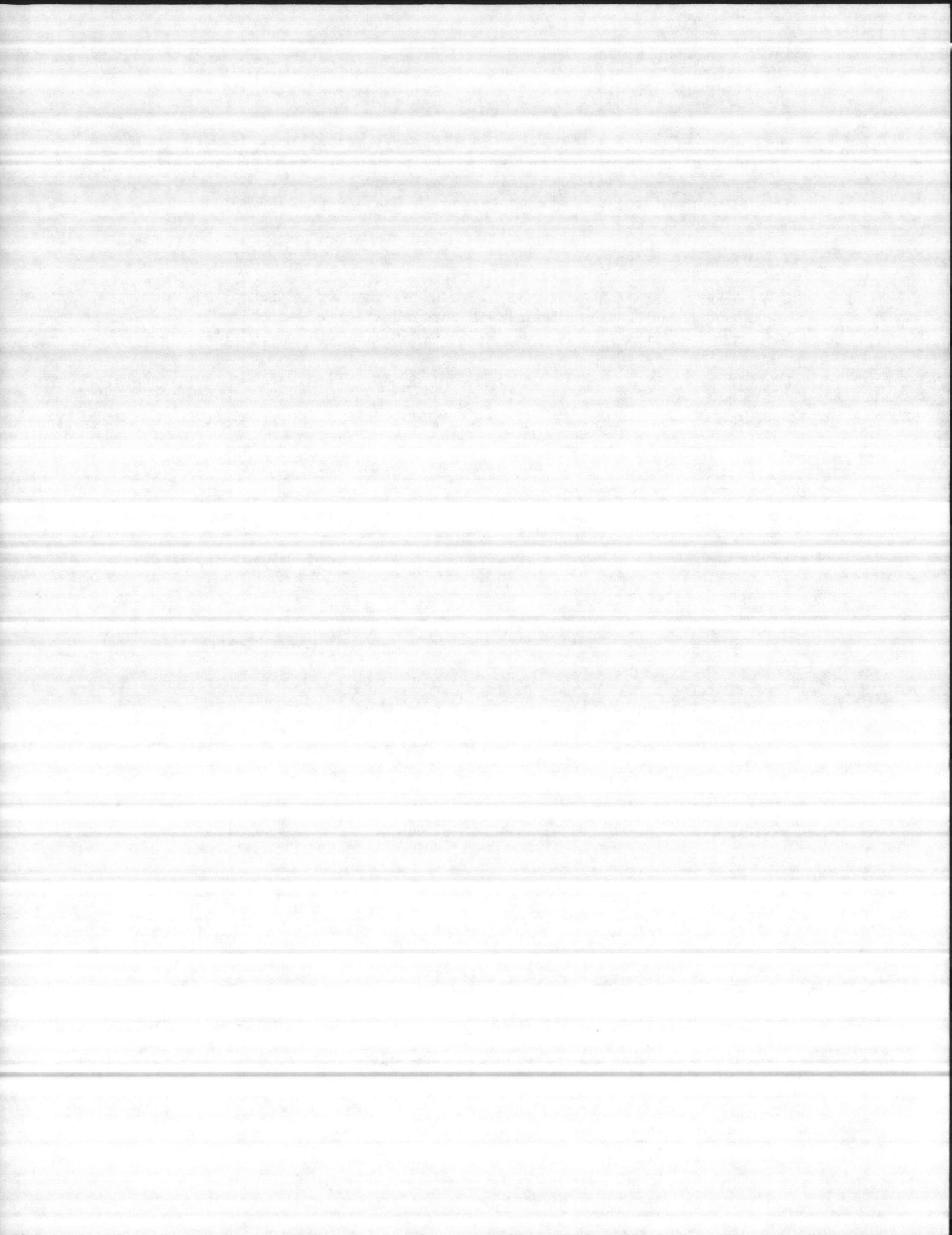


c. The Certificate of Insurance shall provide for thirty days written notice to the Contracting Officer by the insurance company prior to cancellation or material change in policy coverage. Other requirements and information are contained in the aforementioned "Insurance" clause.

H.14 MINIMUM WAGE RATES

The minimum wages to be paid for work under this specification have been requested from the Department of Labor and will be issued by amendment upon receipt.

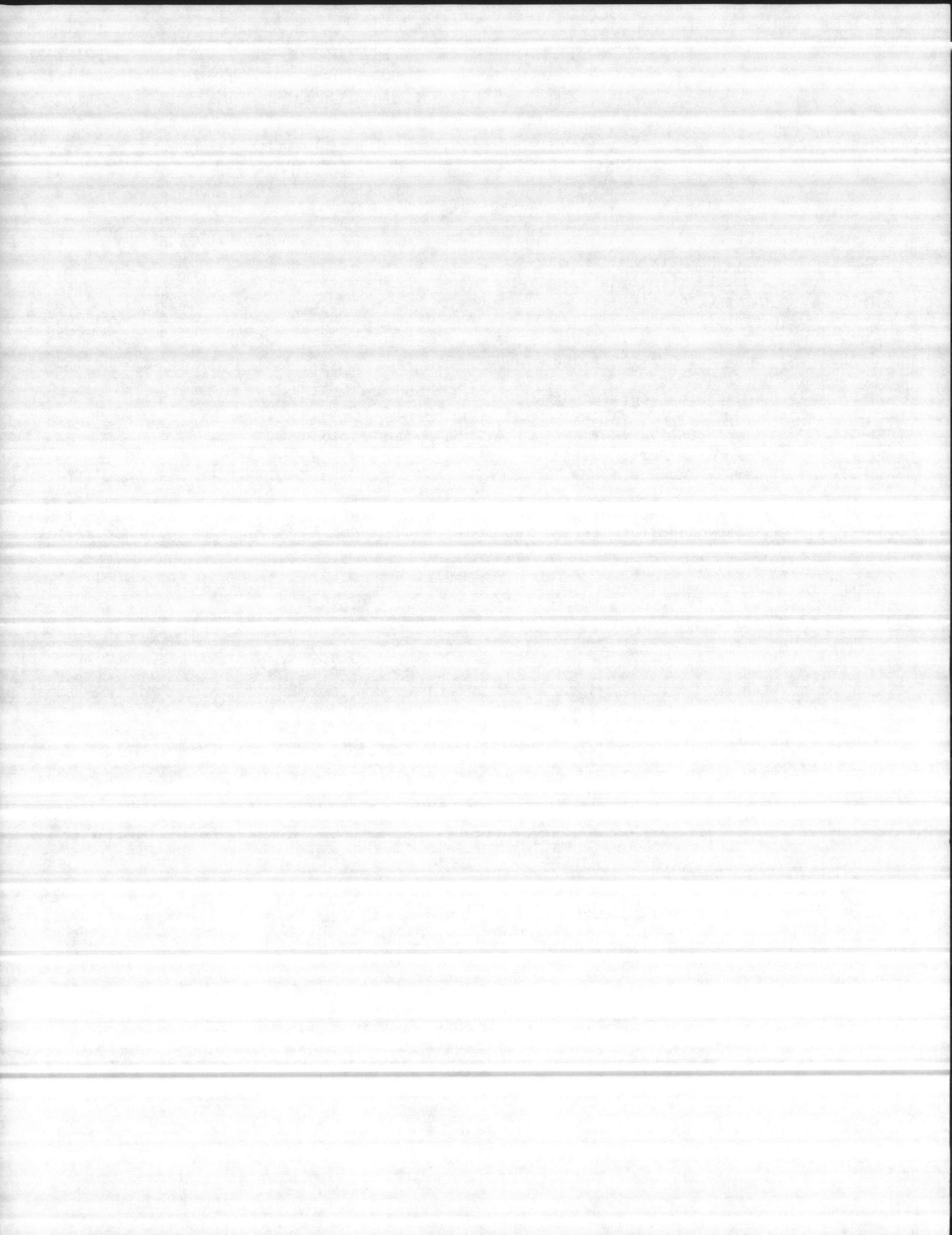
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PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS
SECTION J - LIST OF ATTACHMENTS

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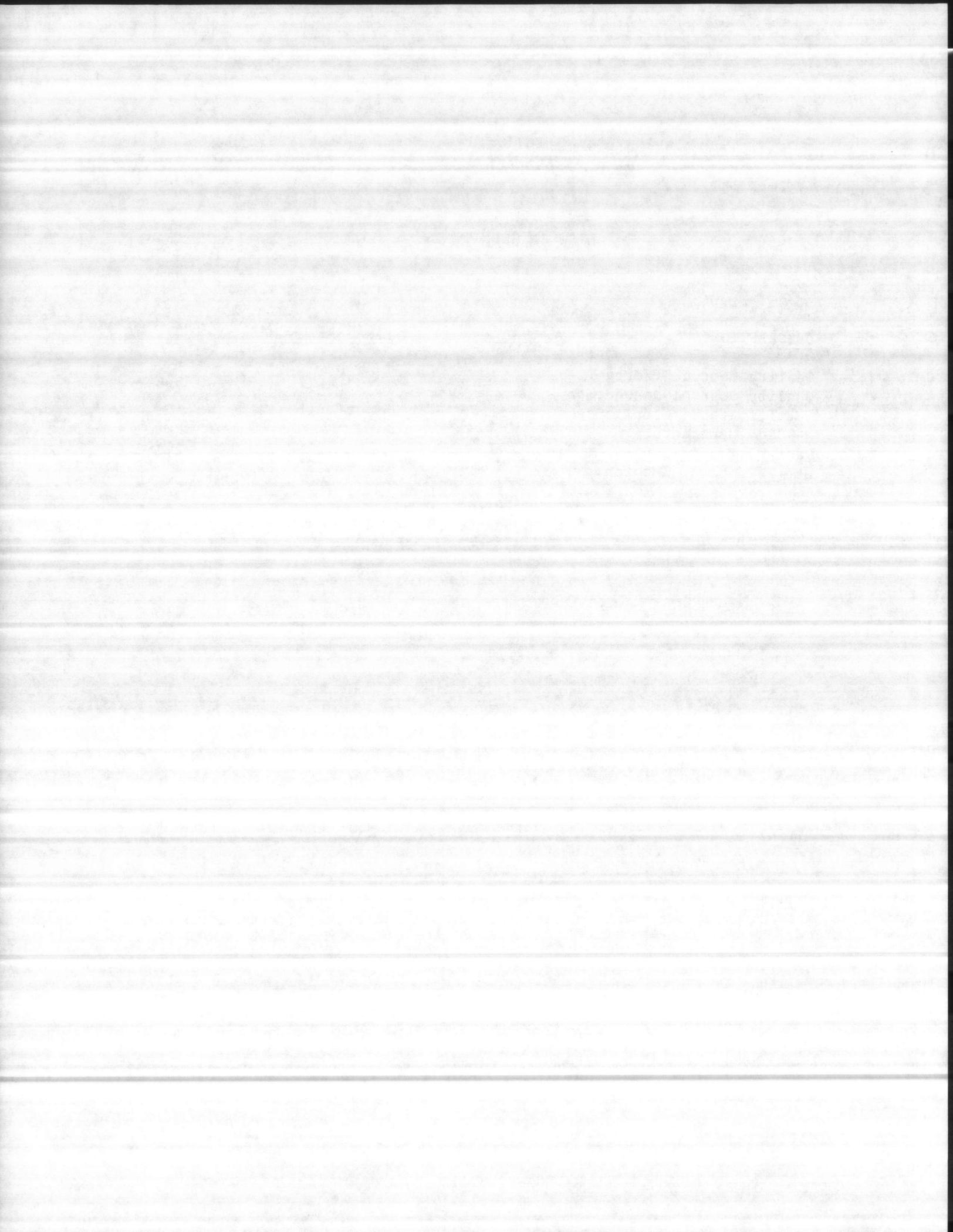
<u>ATTACHMENT NUMBER</u>	<u>ATTACHMENT NAME</u>	<u>PAGE NO.</u>
J-C1	List of Submittals	
J-C2	Typical Sludge Bed Detail	
J-E1	Engineered Performance Standards	
J-F1	Scheduling Requirements	
J-G1	Sample Delivery Order/Sample Work Authorization	
J-G2	List of Ordering Officers	
J-G3	Sample Invoice	
J-H1	Environmental Protection	
J-H2	Safety Requirements and Reports	



SECTION J
ATTACHMENT J-C1

LIST OF SUBMITTALS

<u>DESCRIPTION</u>	<u>PARAGRAPH NUMBER</u>
Quality Control Program	C.5
Quality Control Inspection File	C.5
Certificate of Compliance from Filter Sand Manufacturer	C.6.b
Designation of Superintendent	H.10
Certificate of Insurance	H.13



PART III, SECTION J

ATTACHMENT J-E1
ENGINEERED PERFORMANCE STANDARDS
HANDBOOK PUBLICATIONS

<u>Handbook</u>	<u>Pub Date</u>	<u>Navy Pub#</u>	<u>Army Pub#</u>	<u>AF Pub#</u>
Engineer's Manual	SEP 63	P-700	TB-420- 1	AFM-85-40
P-E's Instructor's Manual	1987	P-700.1	TB-420-31	AFM-85-57
P-E's Class Exercises Workbook	1987	P-700.2	TB-420-32	AFM-85-58
P-E's Deskguide	1987	P-701.0	TB-420- 2	AFM-85-41
Carpentry	1982	P-702.0	TB-420- 4	AFM-85-42
Electric, Electronic	1982	P-703.0	TB-420- 6	AFM-85-43
Heating, Cooling, Ventilating	1982	P-704.0	TB-420- 8	AFM-85-44
Service (Formerly E/S)	1984	P-705.0	TB-420-30	AFM-85-55
Janitorial & Custodial Services	1981	P-706.0	TB-420-10	AFM-85-45
Machine Shop, Machine Repairs	1983	P-707.0	TB-420-12	AFM-85-46
Masonry	1980	P-708.0	TB-420-14	AFM-85-47
Moving, Rigging	1981	P-709.0	TB-420-16	AFM-85-48
Paint	1984	P-710.0	TB-420-18	AFM-85-49
Pipefitting, Plumbing	1983	P-711.0	TB-420-20	AFM-85-50
Roads, Grounds, Pest Control & Refuse Collection	1984	P-712.0	TB-420-22	AFM-85-51
Sheet Metal, Structural Iron & Welding	1984	P-713.0	TB-420-24	AFM-85-52
Trackage	1979	P-714.0	TB-420-26	AFM-85-53
Wharfbuilding	1979	P-715.0	TB-420-28	AFM-85-54
Unit Price Standards (UPS)	1983	P-716.0	TB-420-33	AFM-85-56
Preventive/Recurring Maint	1987	P-717.0	TB-420-34	AFM-85-59

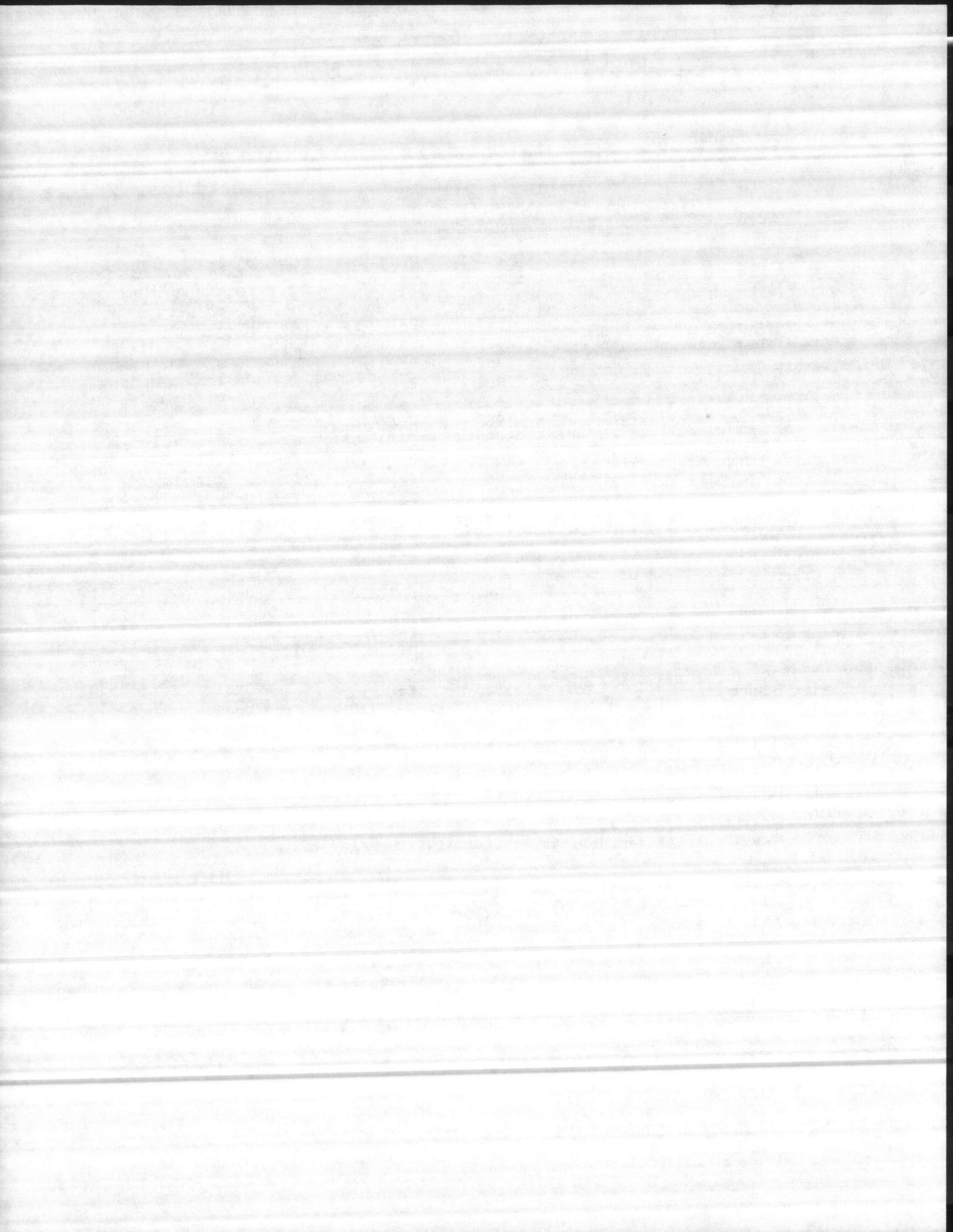
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SECTION J
ATTACHMENT J-G1

INVOICING INSTRUCTIONS

A. INVOICES

1. The contractor shall submit invoices monthly to the following address:

Officer in Charge, Facilities Support Contracts
Building 1005, Marine Corps Base
Camp Lejeune, North Carolina 28540-5000

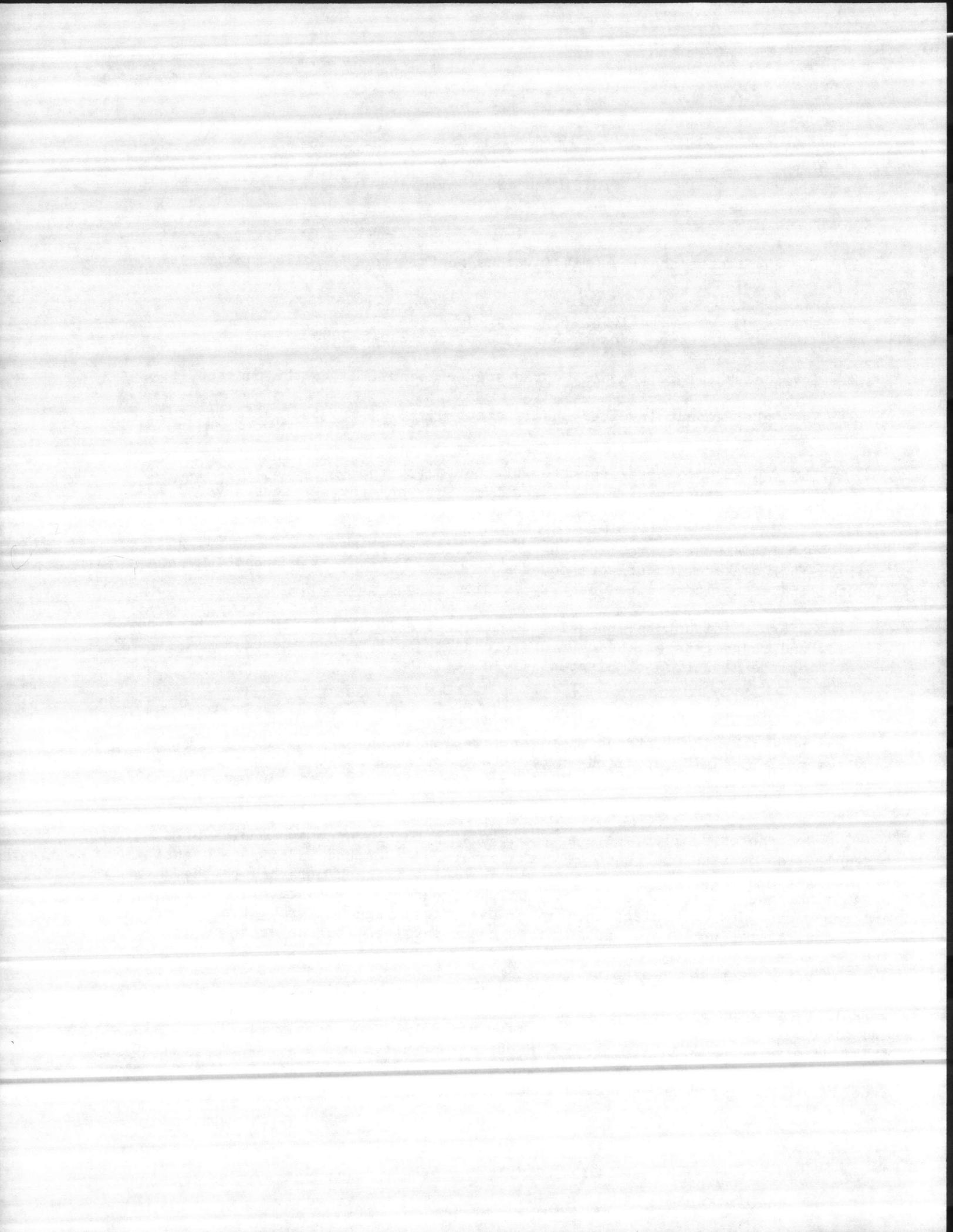
2. Invoices shall be properly dated and be identified by the contract number.
3. The total amount invoiced shall be sub-divided into the following two categories:
 - a. An amount to reflect the work performed for the monthly period involved in the execution of Fixed Price Lump Sum work for services covered by Contract Line Item 0001. (See Section G.3).

- b. An amount to reflect the work performed for the monthly period involved in the execution of work covered by Contract Line Items 0002 and 0003, executed under the Indefinite Quantity portion of the contract.

4. All offers of discounts appearing on the Contractor's invoice, no matter how affixed, and regardless of the type of purchase, shall be considered as authorizing the deduction of discount if earned.

B. OTHER DOCUMENTS

1. The Contractor shall attach task verification documents to establish proof of services performed. Unsupported invoices will be returned to the Contractor. A separate verification document shall be prepared and submitted for each category of work.
2. The Contractor shall prepare and submit with the invoice two copies of a schedule listing each occurrence of work performed under the Indefinite Quantity part of the contract, with the original work authorization attached to the original of the invoice. Each item shall be identified by contract number, work order number, work authorization number, title, starting and completion dates, total cost of the work involved and the amount invoiced for the month.
3. The Contractor shall prepare and submit as part of the invoice a work schedule for the succeeding month for all Lump Sum work and for any Indefinite Quantity work that has been authorized to be accomplished in that month and the completed and signed inspection record/work completion forms. The monthly schedule shall be provided five working days prior to the start of that month's work. The invoice will be considered incomplete unless the monthly schedule and the inspection records are submitted in an accurate and timely fashion.



SECTION J
ATTACHMENT J-H1

ENVIRONMENTAL PROTECTION

1. GENERAL

a. ENVIRONMENTAL PROTECTION PLAN: The Contractor may be responsible for the preparation and submission of an Environmental Protection Plan. After contract award, but prior to commencement of the work, the Contractor shall meet with the Contracting Officer or his representative and discuss the proposed Environmental Protection Plan. The meeting shall develop mutual understanding relative to details of environmental protection, including required reports and measures to be taken should the Contractor fail to provide adequate protection in a timely manner. The Contractor shall submit for approval within 14 days after the meeting his proposed Environmental Protection Plan, if so required.

b. GENERAL REQUIREMENTS: The Contractor shall provide and maintain environmental protection during the life of the contract, as defined herein. He shall preserve the natural resources within the limits of work performed under this contract in their existing condition, or restore them to an equivalent or improved condition upon completion of the work. The Contractor shall confine his activities to areas defined by the work schedule, plans, and specifications. The Contractor's operations shall comply with all Federal, State, and Local regulations pertaining to water, air, solid waste, and noise pollution.

2. DEFINITIONS

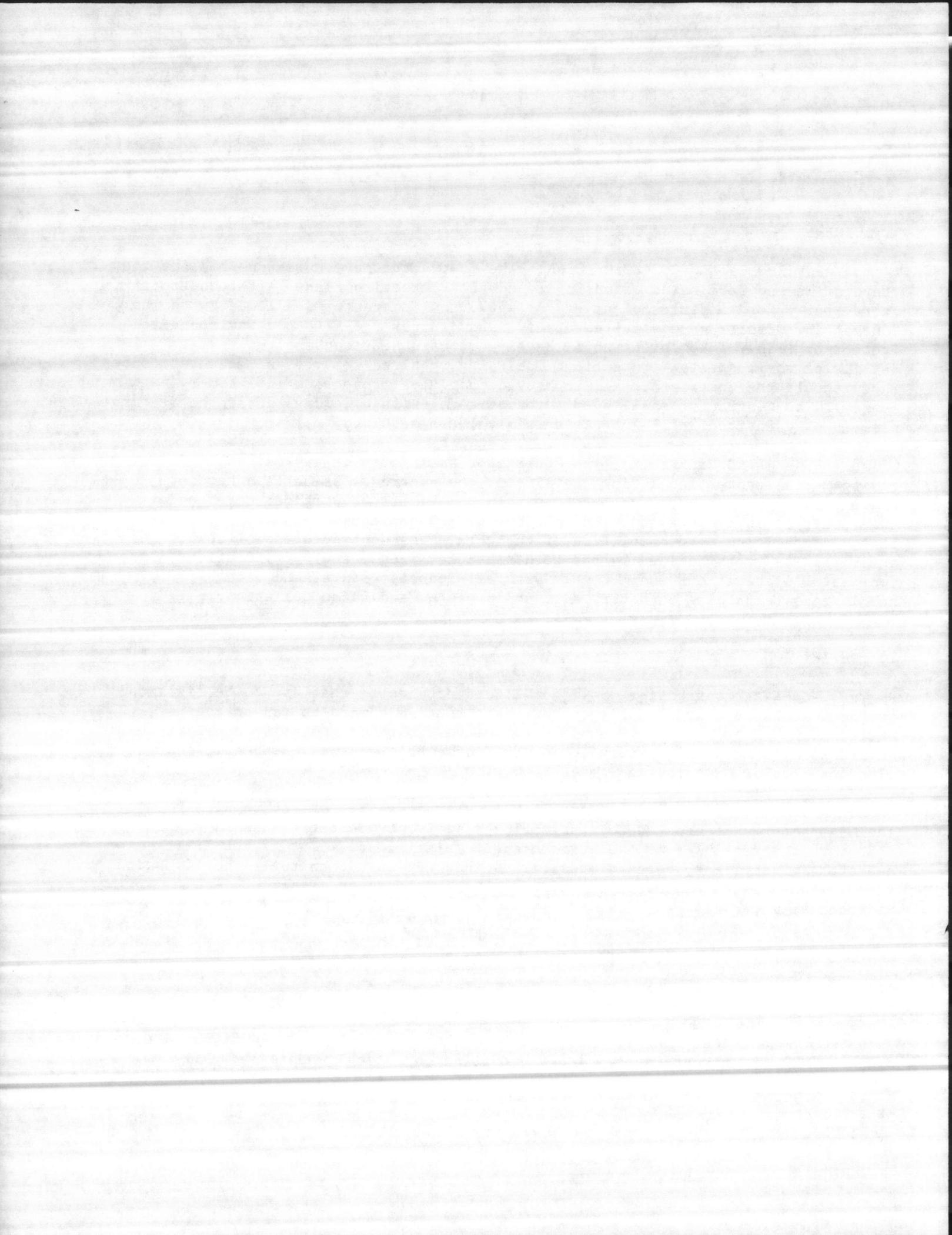
a. Non-Hazardous Waste: Solid or liquid substances that are to be discarded by the Contractor that normally do not constitute a hazard to man or the environment. This includes, but is not limited to, paper, metal (other than toxic metals such as lead and mercury), masonry, wood, brick, stone, asphaltic concrete, plastics, rubber, rubbish and concrete.

b. Hazardous Waste: Solid and liquid substances that are to be discarded by the Contractor that constitute a significant active or potential hazard to man and/or to the remainder of the environment. This includes, but is not limited to asbestos, glass, lead, mercury, pesticides, herbicides, other toxic chemicals and waste, liquid petroleum products, human excrement, garbage, sediment, and radioactive materials.

3. EXECUTION

3.1 CONTROL AND DISPOSAL OF NON-HAZARDOUS WASTES:

a. Non-hazardous wastes, except rubble, shall be picked up and disposed of daily or placed in containers which are emptied on a weekly schedule. All



handling and disposal shall be so conducted as to prevent contamination of the site and other areas. The Contractor shall transport all such waste off the Base, unless he desires to use the Base Sanitary Landfill or rubble disposal areas.

b. If transporting any material off Government property, the Contractor shall provide the Contracting Officer a copy of State and/or local permit which reflects the responsible agency's approval of the disposal area and proposed waste disposal methods.

c. Rubble such as masonry, stone, concrete without reinforcing steel, and brick may be deposited as directed on the Base. Upon completion, the work and disposal area shall be left clean and natural looking. All signs of temporary construction and activities incidental to construction of the required permanent work in place shall be obliterated.

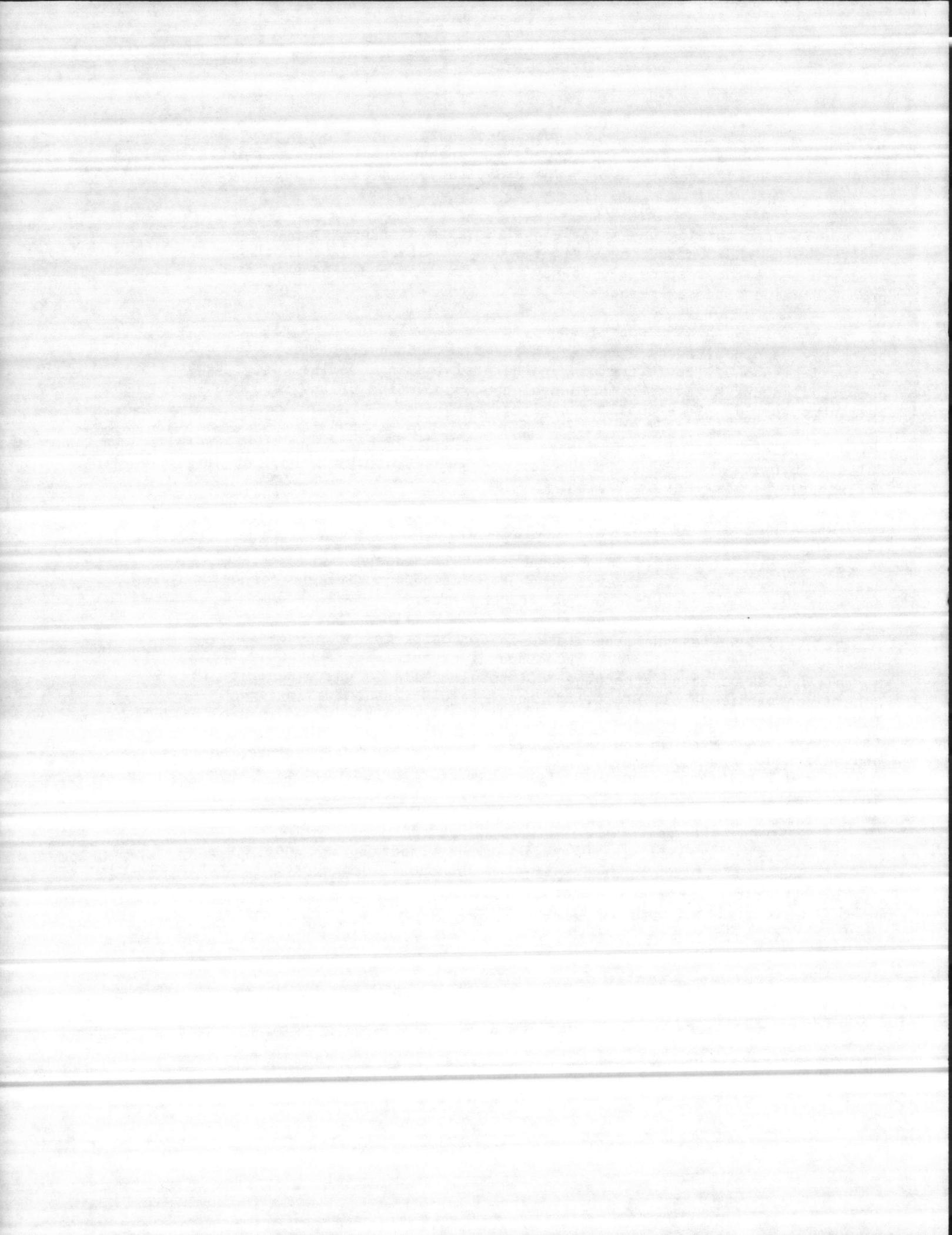
d. Optional use of Base Landfill shall require compliance with Landfill rules. Such rules do not allow accepting recyclable metals, nor reusable wood or lumber over six feet in length.

3.2 HAZARDOUS WASTES:

a. Garbage Disposal: The Contractor shall transport any garbage to the Base Sanitary Landfill. However, the preparation, cooking and disposing of food are strictly prohibited on the project site.

b. Liquid wastes shall be stored in corrosion-resistant containers, removed from the project site, and disposed of not less frequently than monthly unless directed otherwise. Disposal of liquid waste shall be in accordance with Federal, State, and Local regulations. Fueling and lubrication of equipment and motor vehicles shall be conducted in a manner that affords the maximum protection against spills and evaporation. For oil and hazardous material spills which may be large enough to violate Federal, State, and Local regulations, the Contracting Officer shall be notified immediately. The Base Sanitary Landfill will not accept liquid wastes nor empty drums.

c. Asbestos disposal in the Base Sanitary Landfill is mandatory when friable asbestos is encountered. If such asbestos is encountered, provisions for handling or disposal shall comply with the applicable section of this specification; if not specified, such requirements shall be as directed.



SECTION J
ATTACHMENT J-H2

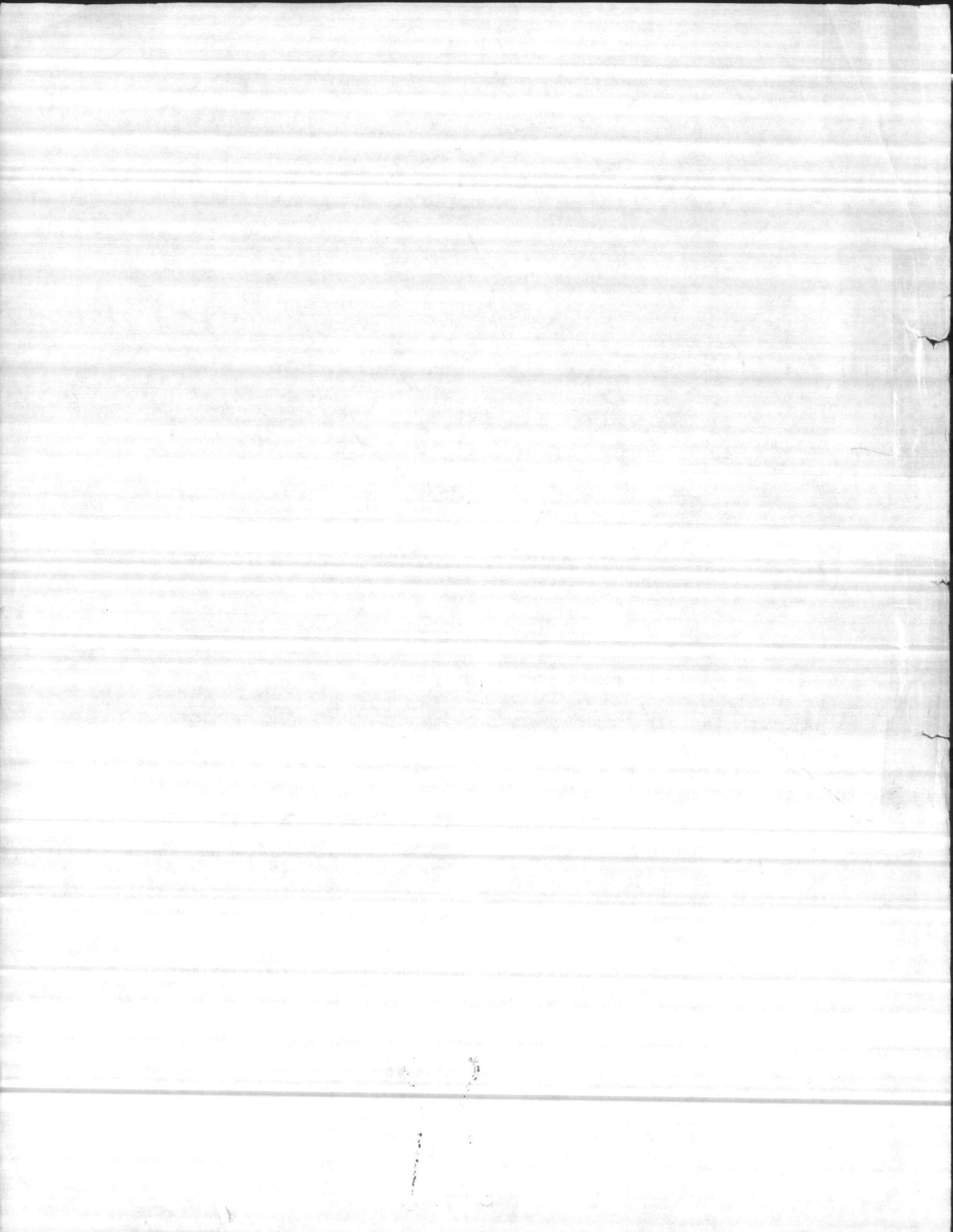
SAFETY REQUIREMENTS

The Contractor shall comply with the requirements contained in the following documents:

1. Occupational Safety and Health Administration (OSHA) Standards.
2. U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1h dated April 1984.
3. OPNAV P-5100, Navy Safety Manual.
4. NAVMAT P-5100-8, Marine Corps Ground Occupational Safety and Health Program.
5. MCO 5100.8, Marine Corps Ground Occupational Safety and Health Program.
6. Base Order P5100.3F, Base Safety Program.

THE ABOVE DOCUMENTS MAY BE EXAMINED AT:

Officer in Charge, Facilities Support Contracts
Building 1005, Marine Corps Base
Camp Lejuene, North Carolina 28540-5000



Have both in stock

Hydro #80 }
" #5 } \$2.25 / 100 lb bag

% retained for sieve size

	% retained
Hydro #5	#50 sieve .1
60/140 co. #	#60 .2
	#70 10.3
	#100 57.1
	#140 94.2
	#200 98.7

Hydro #80
60/45 company number

sieve

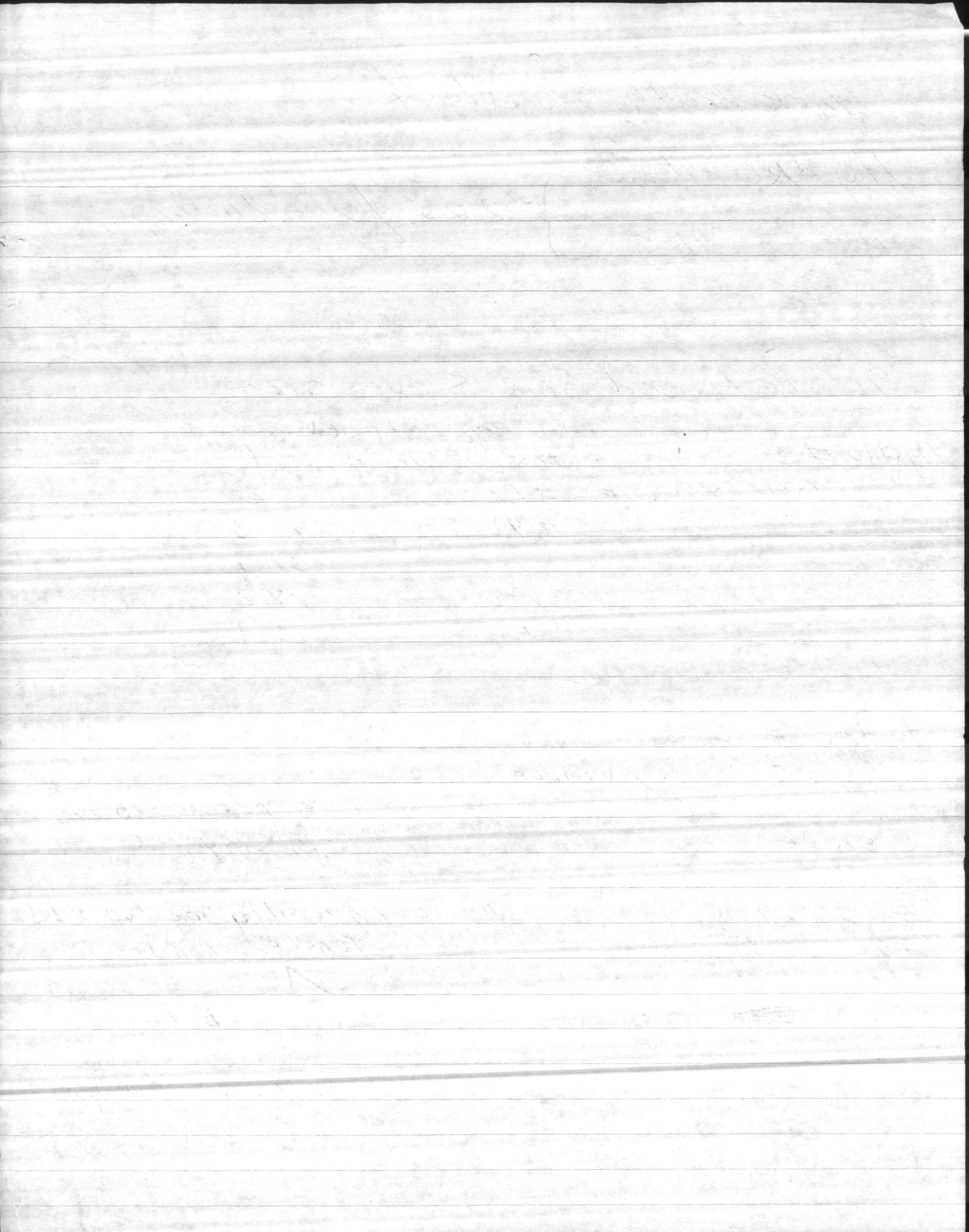
\$2.25 per 100 lb bag
F.O.B. JAY, N.C.

#30 .7
#40 8.8
#60 51.9
#100 ~~89.0~~ 89.0

\$2.10/bag possibly for truck load.
TRAILER load

↑
440 - 100 lb bags

1.10/mile freight



Total for year 1987

B10 20 called ticket

84 times to haul cat.

2 times for sand

670 called ticket

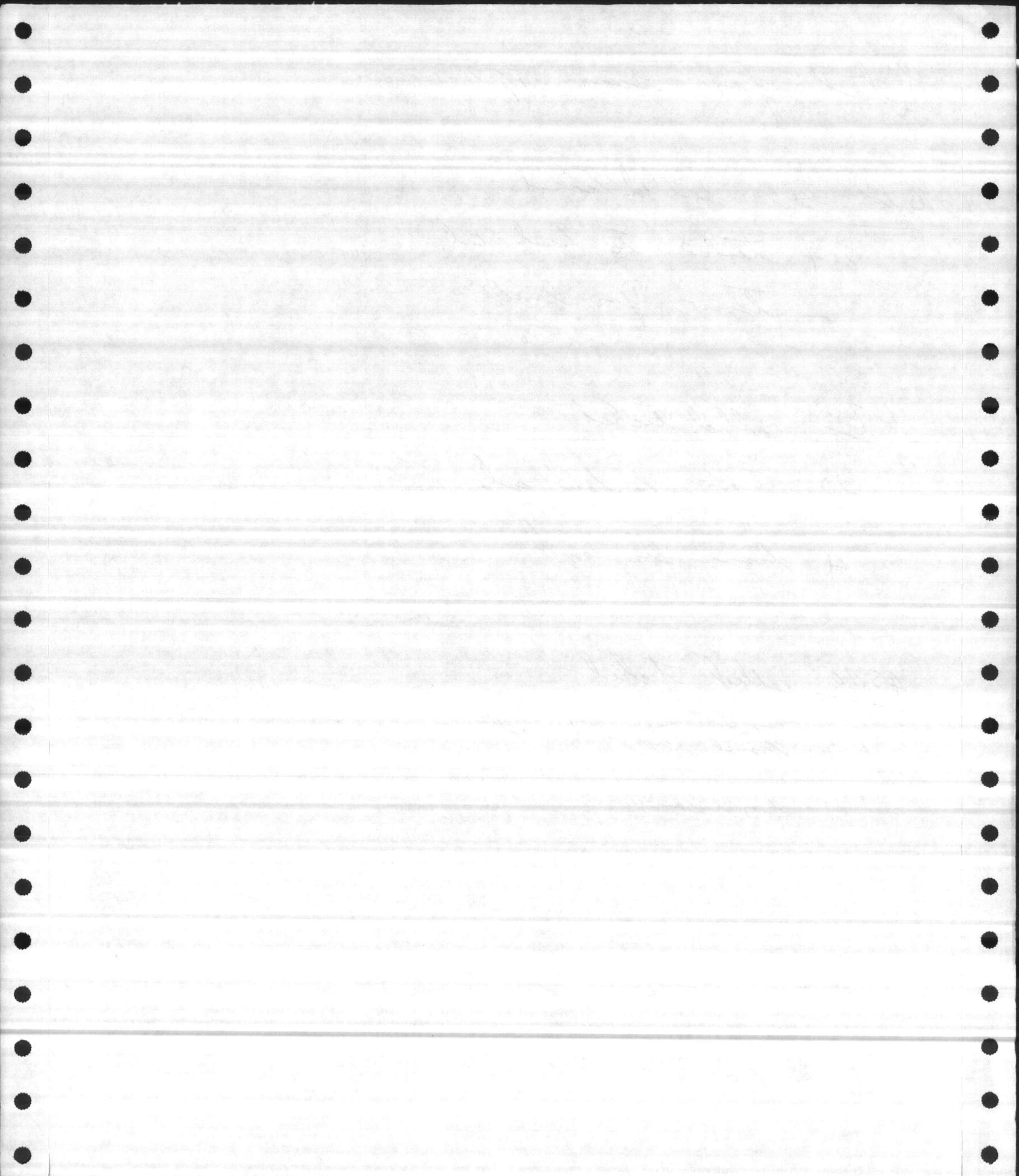
90 times to haul cat.

4 times for sand

AS110 called ticket

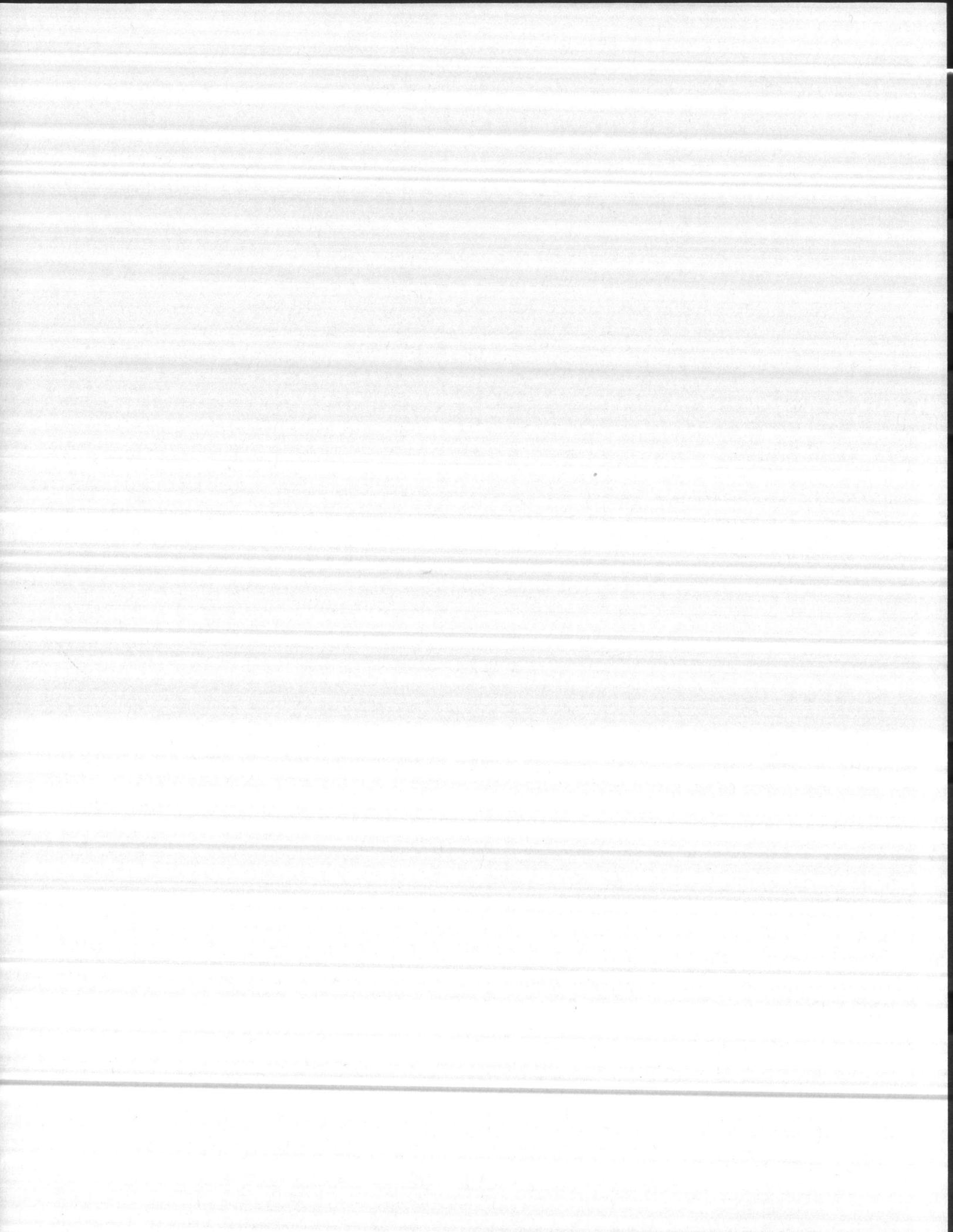
49 times to haul cat

1 for sand



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1

NUMBER	CODE	COMPLETED	CENTER	OF WORK	DESCRIPTION
227861	B048	01/05/87	43	PLEXIGLASS, CUT, (1LF)	LOCATION: BLDG
236984	B045	01/05/87	71	GROUNDS, SHOP 71, HAUL SAND FROM THE	LOCATION: NOTE, HAUL SAN TO BLDG 67
237705	B045	01/06/87	72	GROUNDS, SHOP 72, LOAD BEACH SAND TO	LOCATION: BEACH AREA
240409	B045	01/12/87	71	GROUNDS, SHOP 71, HAUL CATALYST TO T	LOCATION:
244510	B048	01/16/87	36	LGT FXTR, FLUORESCENT-REPLACE START	LOCATION: HEAD ON 1ST DECK
244802	B045	01/16/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F	LOCATION:
244806	B045	01/20/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F	LOCATION:
245338	B045	01/15/87	83	AIR LINE, RPL AIR LINES UP TO 2' IN	LOCATION:

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PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER:	670	FROM	01/01/87 TO 06/30/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK	
245819	B045	01/16/87	83	PIPE FITTING - REPLACE THREADED FITT	LOCATION:
249456	B045	01/26/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F	LOCATION:
251879	B048	01/29/87	53	A/C CENTRAL UNIT SERVICE AND START	LOCATION: SECRETARY'S OFFICE
251885	B048	01/30/87	36	LIGHT FIXTURE, FLUORESCENT-REPR	LOCATION: 2ND DECK
251947	B045	01/29/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F	LOCATION:
253536	B045	02/02/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F	LOCATION:
254052	B048	02/02/87	36	LGT FXTR, RPLC BALLAST	LOCATION:
254421	B045	02/02/87	83	FEEDER RPR LIME	LOCATION:

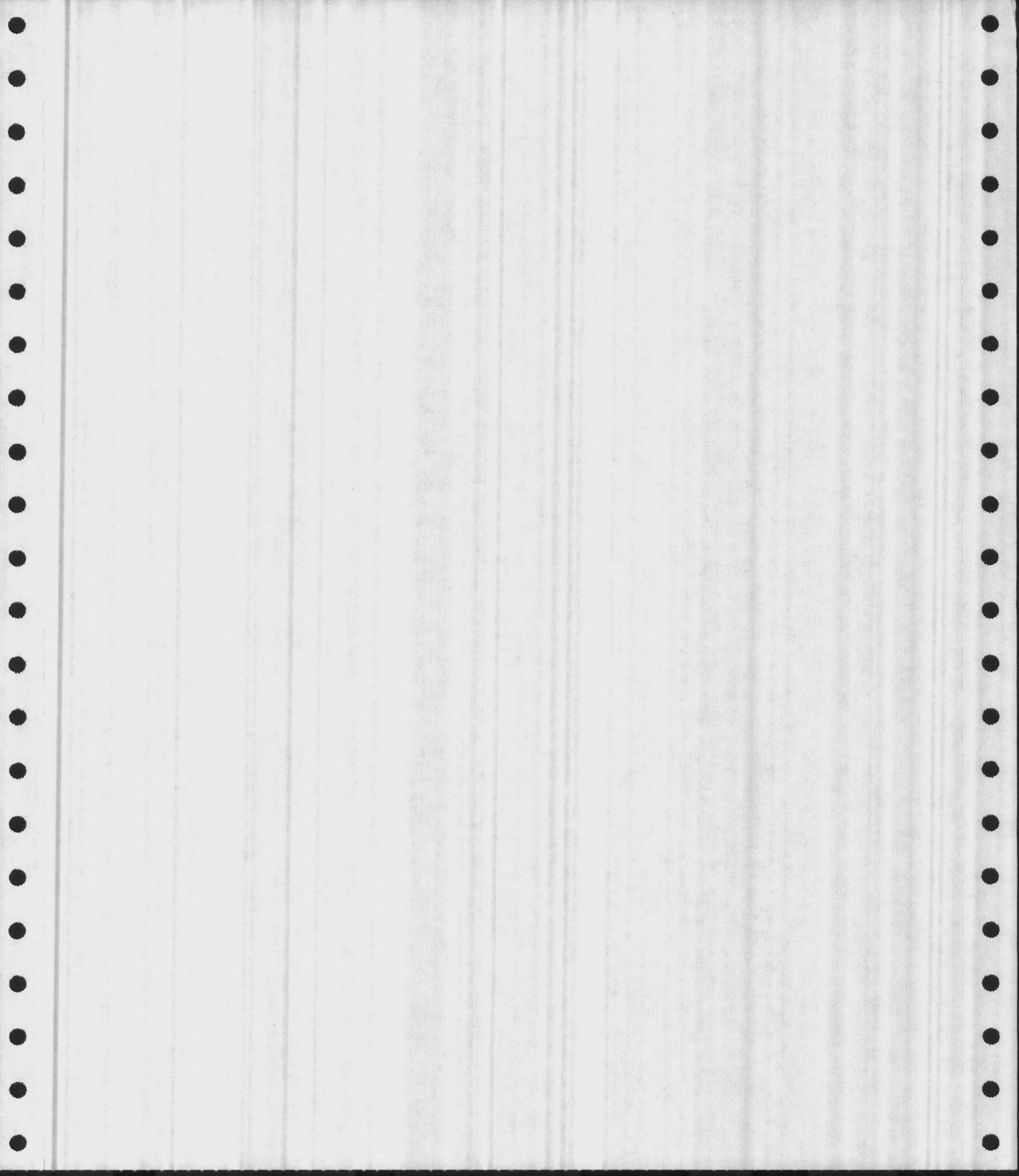
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BUILDING NUMBER:	670	FROM	01/01/87 TO 06/30/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK	
265428	B045	02/24/87	83	PUMP, REPAIR SLUDGE PUMP (PROGRESSIV	LOCATION:
267309	B045	02/26/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F	LOCATION:
269980	B045	03/02/87	83	VALVE-REMOVE AND REPLACE 2"-4" GATE	LOCATION:
270754	B045	03/06/87	83	BACKWASH CONTROLLER, ELECTRONIC, REP	LOCATION:
271764	B045	03/05/87	53	AIR DRIER, REFRIGERATED, RPL COMPRES	LOCATION: PIPE GALLERY
272599	B045	03/09/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F	LOCATION:
273127	B048	03/06/87	53	AIR DRIER, REFRIGERATED, CLEAN AND I	LOCATION:
273128	B048	03/06/87	53	AIR DRIER, REFRIGERATED, RPR CONTROL	LOCATION:

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BUILDING NUMBER: 670				FROM 01/01/87 TO 06/30/87
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
273477	B045	03/10/87	53	AIR DRIER, REFRIGERATED, CLEAN AND T LOCATION: PIPE GALLERY
276894	B045	03/13/87	83	CHLORINATOR, REPAIR (REMOVE AND REPL LOCATION:
277763	B045	03/16/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:
278732	B045	03/16/87	83	METER WATER_CALIBRATE LOCATION:
278788	B045	03/20/87	83	METER WATER_CALIBRATE LOCATION:
278988	B045	03/19/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION:
280206	B045	03/20/87	83	CONTROLS CONSOLE RPR FILTER LOCATION:
280849	B045	03/30/87	83	PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:

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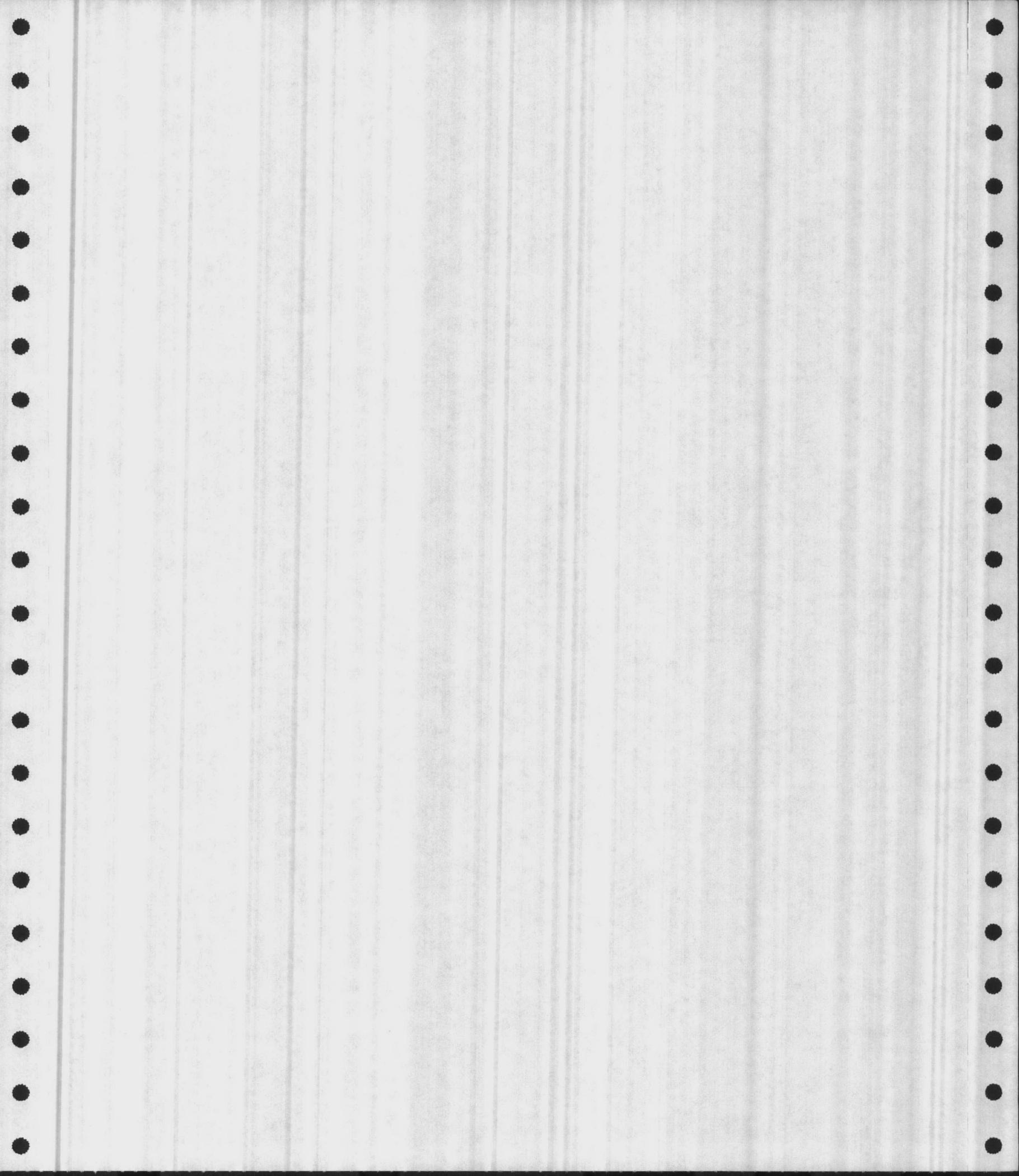
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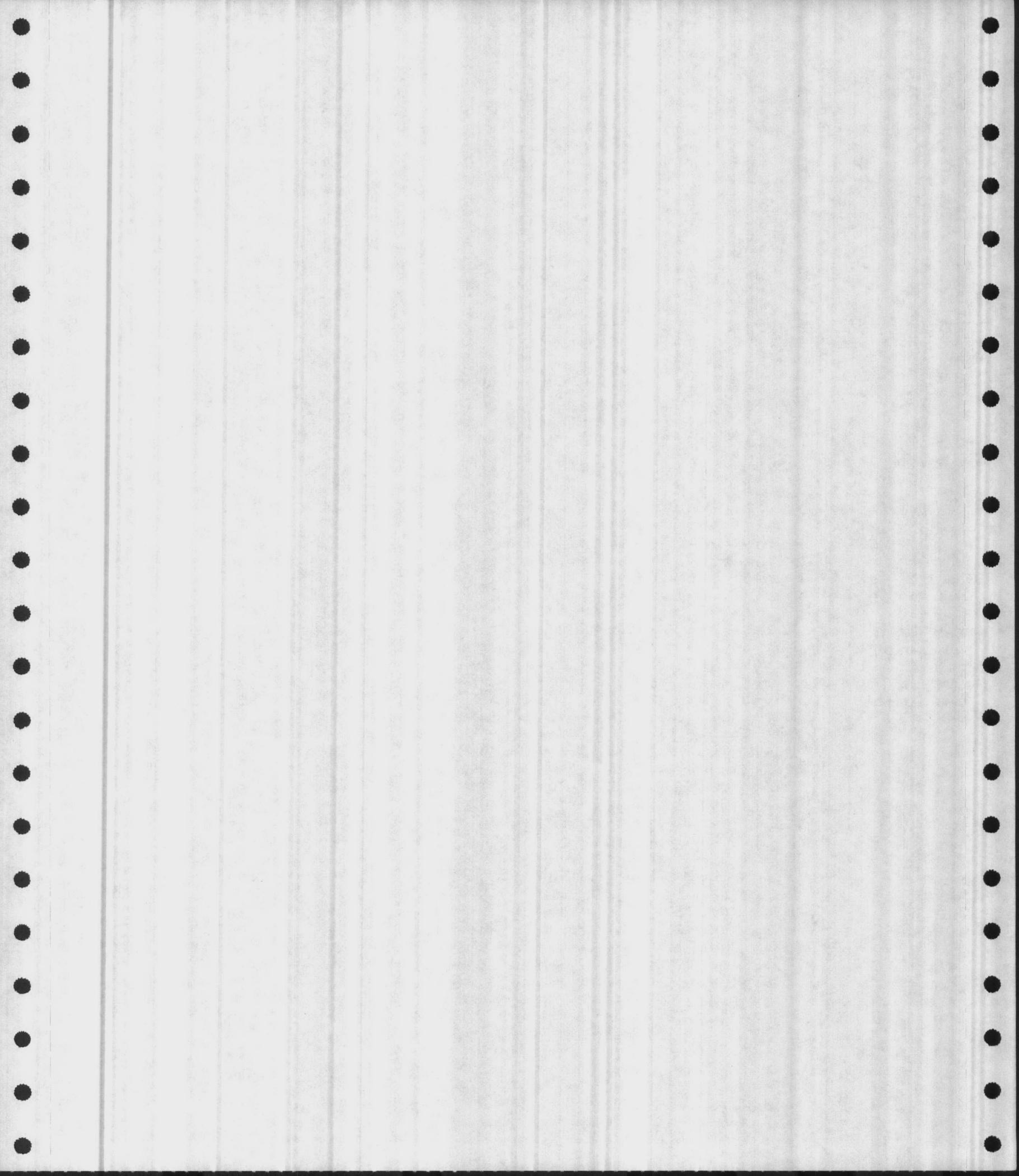
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TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
281286	B045	03/23/87	83	FILTERS RPR 4-WAY VALVES LOCATION:
282380	B048	03/23/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: BLDG 670
283289	B048	03/24/87	62	HANGERS, FAB AND INSTALL PIPE HANGER LOCATION: SECRETARIES OFFICE
283677	B045	03/24/87	83	WIRING-REPAIR SHORT LOCATION:
284056	B045	03/25/87	83	CHLORINATOR - REPAIR LEAK LOCATION:
286823	B045	03/31/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: 670
287213	B045	04/03/87	83	CHLORINATOR, REPAIR (REMOVE AND REPL LOCATION:
287225	B045	04/06/87	83	CHLORINE ALARM, REPAIR (CALIBRATE) LOCATION: OUTSIDE CHLORINE ROOM

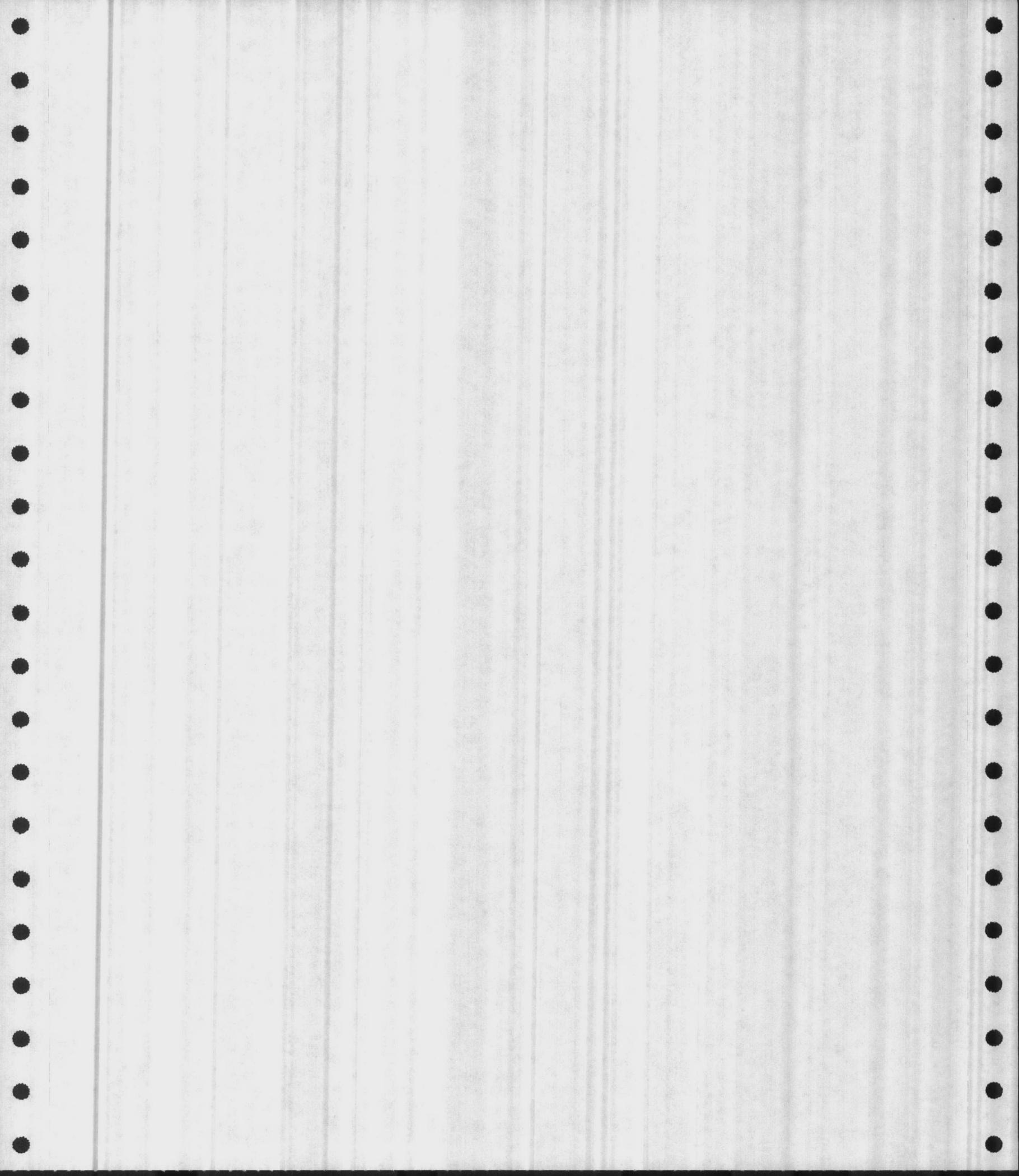
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PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 670				FROM 01/01/87 TO 06/30/87
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
289460	B045	04/17/87	83	PIPE, REMOVE/RPL PIPE SECTION AND FI LOCATION:
290198	B045	04/02/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: 670
290747	B045	04/02/87	83	SCREEN-FABRICATE 3' X 7' METAL SCRF LOCATION:
290796	B045	04/02/87	83	PUMP, REPLACE SUMP PUMP (STEAM OR WAT LOCATION:
290826	B045	04/02/87	83	PIPE SECTION/WATER/PVC/INSTALL/INSPE LOCATION:
290840	B045	04/02/87	83	CONCRETE BREAK OUT REINFORCED UP TO LOCATION:
291413	B045	04/02/87	83	PUMP, REPLACE ELECTRIC SUMP PUMP LOCATION:
291565	B048	04/02/87	72	LOAD AND HAUL TOPSOIL SAND ROCK AND







337788 B045 06/04/87 83
 339109 B045 06/08/87 71
 340525 B045 06/16/87 83

LOCATION: ACID ROOM
 MOVE 16-20 MINOR OBJECTS TO ANOTHER
 LOCATION:
 LOAD AND HAUL CATALYST FOR UTILITIES
 LOCATION: 670 TO THE LANDFILL
 WATER LINE - RPR LEAK IN THREADED PI
 LOCATION:

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 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
BUILDING NUMBER: 670				FROM 01/01/87 TO 06/30/87
340987	B045	06/11/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: 670
341116	B045	06/11/87	83	SPIRATOR RPR RATE OF FLOW CONTROLLE LOCATION:
341316	B048	06/11/87	61	ROOF, VENT-RESEAL LOCATION:
341393	B048	06/11/87	61	HOLES, DRILL IN VARIOUS SURFACES OF LOCATION:
342744	B045	06/15/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 670 TO THE LANDFILL
342930	B048	06/15/87	61	SPIRATOR RPR RATE OF FLOW CONTROLLE LOCATION: WATER PLANT
344739	B045	06/17/87	44	MANHOLES, CONSTRUCT LOCATION: BLDG671
345079	B045	06/19/87	83	SAND INDUCTOR RPLC LOCATION:

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PRESS (ENTER) FOR THE NEXT EIGHT(8) COMPLETE TICKETS
 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
BUILDING NUMBER: 670				FROM 01/01/87 TO 06/30/87
346327	B045	06/18/87	83	SWITCH-REPAIR SWITCH ON MACHINE LOCATION:
347118	B045	06/22/87	61	FAUCET-REPLACE MISSING/BROKEN HANDLE LOCATION: 2D DECK _SEE OPERATOR
347316	B045	06/22/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 670 TO THE LANDFILL
347478	B048	06/19/87	63	ASSIST SHOPS, TORCH-CUT/WELD LOCATION: IN SHOP
353000	B045	06/30/87	83	PUMP, REPACK POSITIVE DISPLACEMENT P LOCATION:
353233	B045	06/29/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 670 TO THE LANDFILL
354883	B045	06/30/87	83	PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:

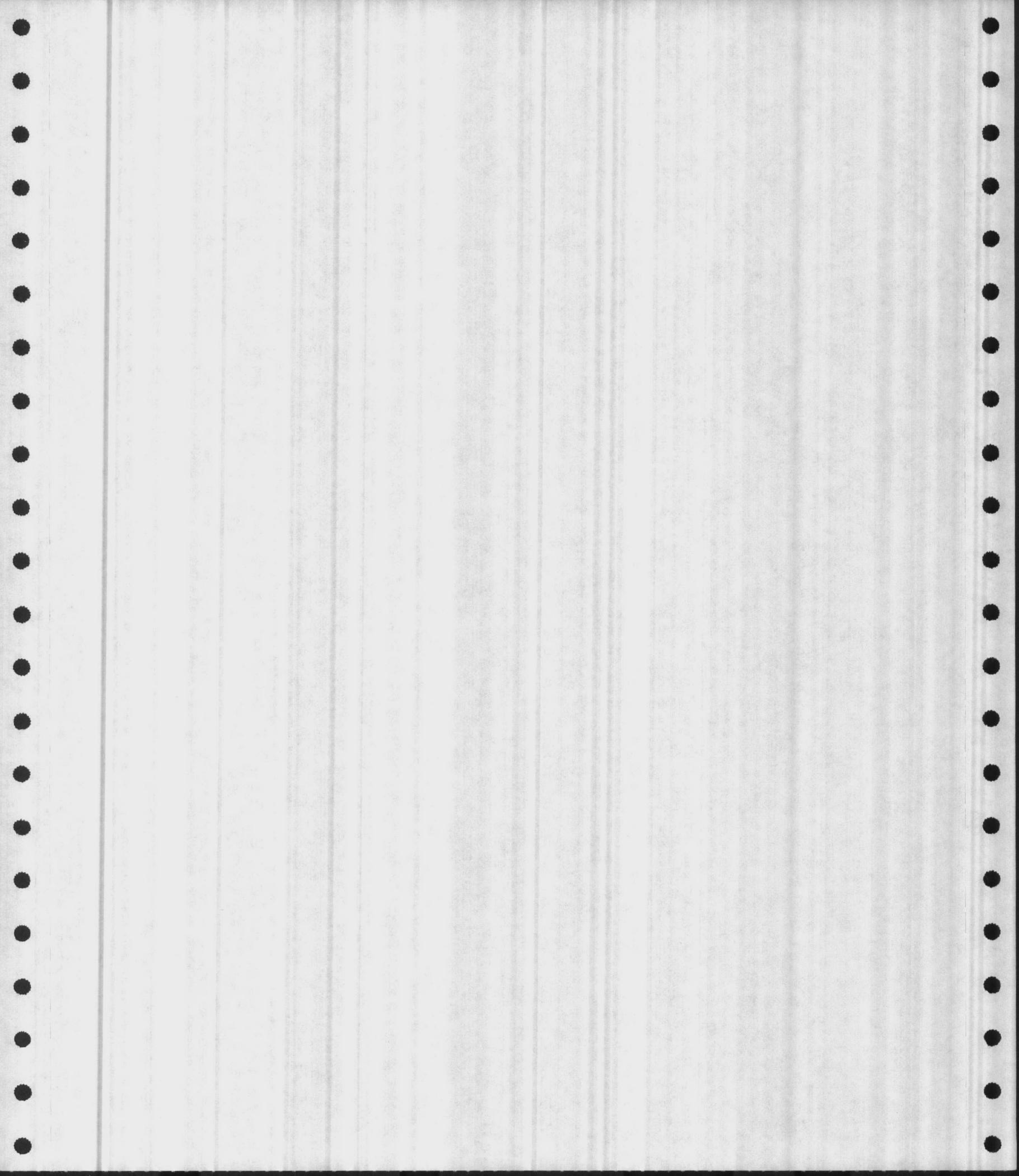
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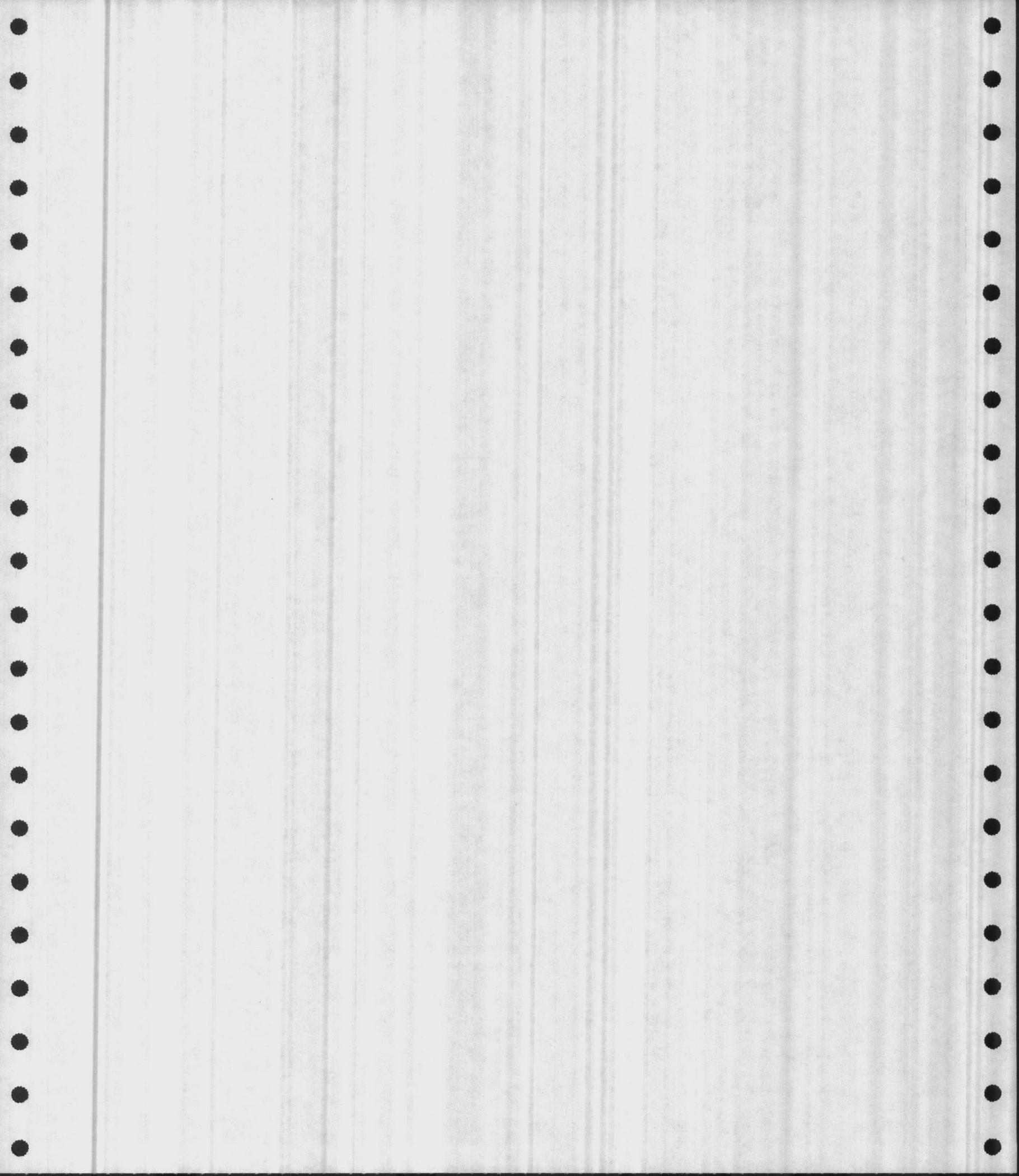
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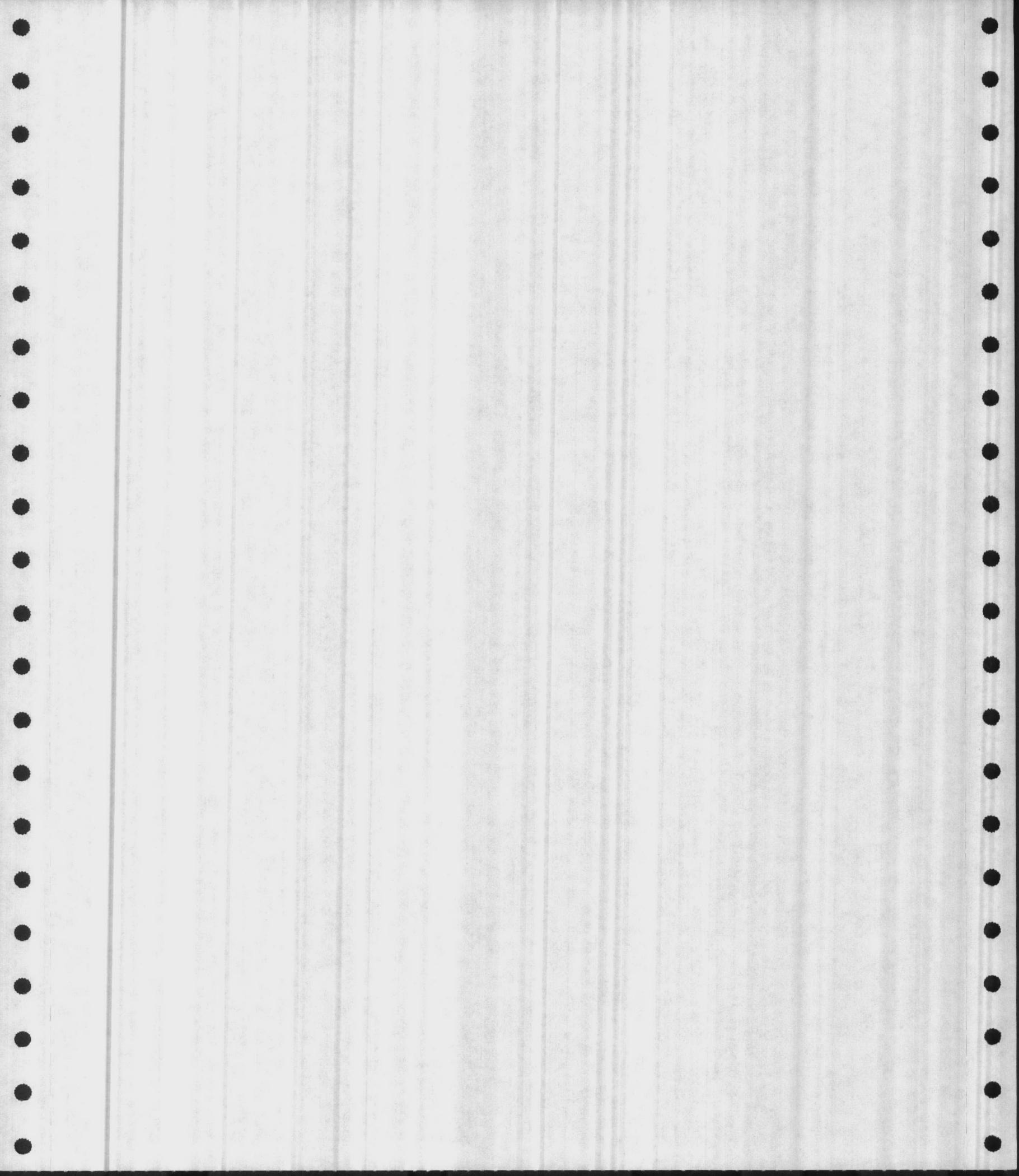
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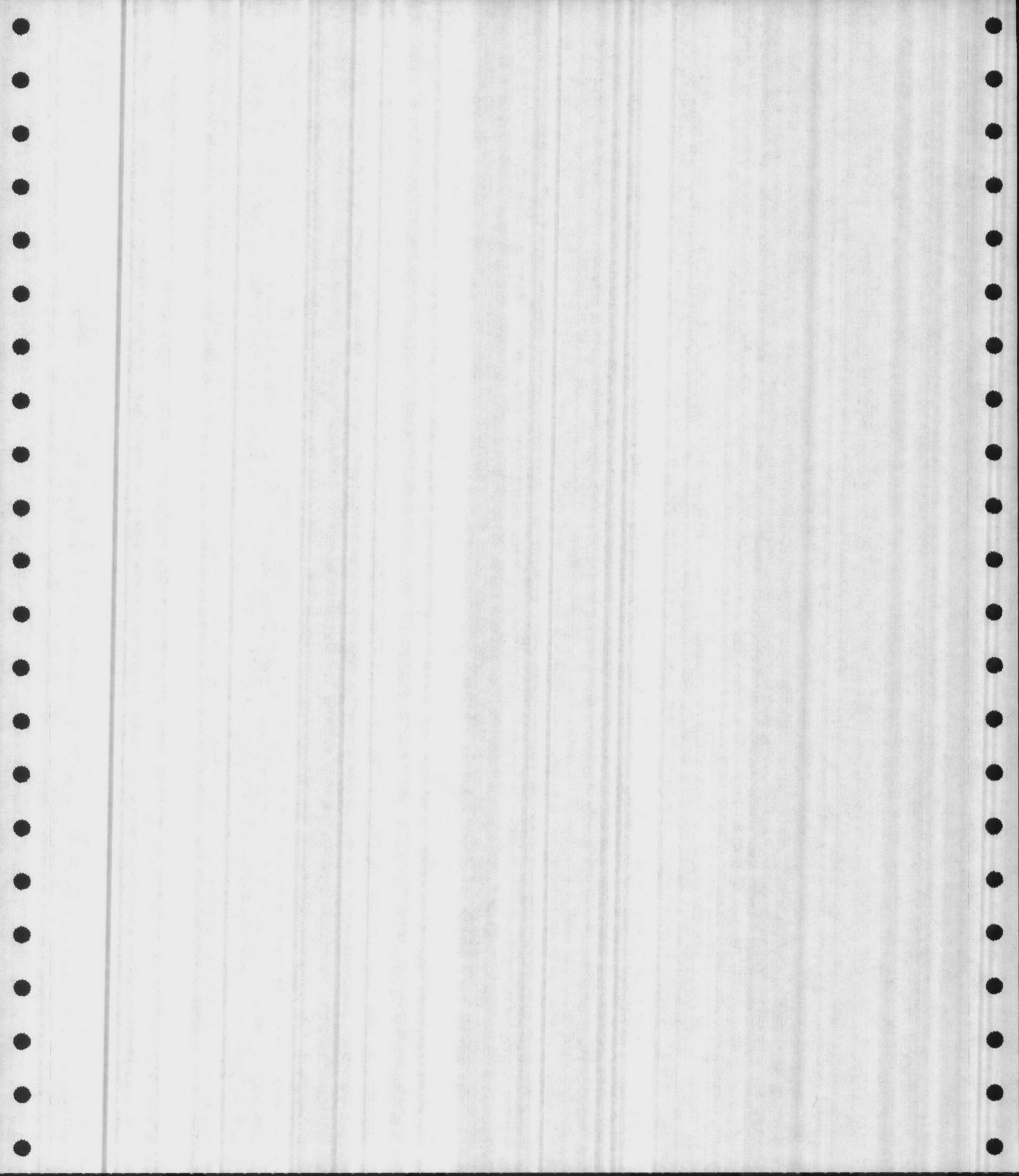
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TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
BUILDING NUMBER: 20				FROM 01/01/87 TO 06/30/87
236979	B045	01/05/87	71	GROUNDS, SHOP 71, HAUL SAND FROM THE LOCATION:
237699	B045	01/05/87	72	GROUNDS, SHOP 72, LOAD BEACH SAND FO LOCATION: BEACH AREA
239371	B045	01/08/87	71	GROUNDS, SHOP 71, PROVIDE TWO DUMP T LOCATION:









BUILDING NUMBER: 20 FROM 01/01/87 TO 06/30/87

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
288963	B048	03/31/87	62	MECH ROOM OR STEAM DISTRIBUTION PIT, LOCATION: MECH ROOM
288967	B048	03/31/87	62	MECH ROOM OR STEAM DISTRIBUTION PIT, LOCATION: MECH ROOM
290188	B045	04/02/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F, LOCATION: 20
290769	B045	04/02/87	83	PUMP, REPLACE SUMP PUMP(STEAM OR WAT, LOCATION:
290821	B045	04/02/87	83	PIPE SECTION/WATER/PVC/INSTALL/INSPE, LOCATION:
290830	B045	04/02/87	83	CONCRETE BREAK OUT REINFORCED UP TO, LOCATION:
291553	B045	04/06/87	83	METER WATER -REPAIR, LOCATION:
292622	B045	04/07/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F, LOCATION: 20 TO LANDFILL

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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20 FROM 01/01/87 TO 06/30/87

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
301632	B045	04/16/87	71	LOAD AND HAUL CATALYST TO LANDFILL 4, LOCATION: 20
302047	B045	04/15/87	83	FAN, EXHAUST, INSTALL, 24" AND BELOW, LOCATION:
303254	B045	04/17/87	71	LOAD AND HAUL CATALYST TO LANDFILL, LOCATION: 20
304146	B045	04/24/87	83	RECARBONATION SYSTEM RPR, LOCATION:
304897	B045	04/30/87	83	LINE STARTER, RPLC UP TO SIZE 1, LOCATION: TOP OF LIME TANK
308118	B045	04/23/87	83	MOTOR, ELECTRIC, REPLACE (6HP THRU 1, LOCATION: 628
309010	B045	04/24/87	83	LIME SYSTEM CONTROLS RPR, LOCATION:
309325	B045	04/24/87	83	PRESS- HAND RPR, LOCATION:

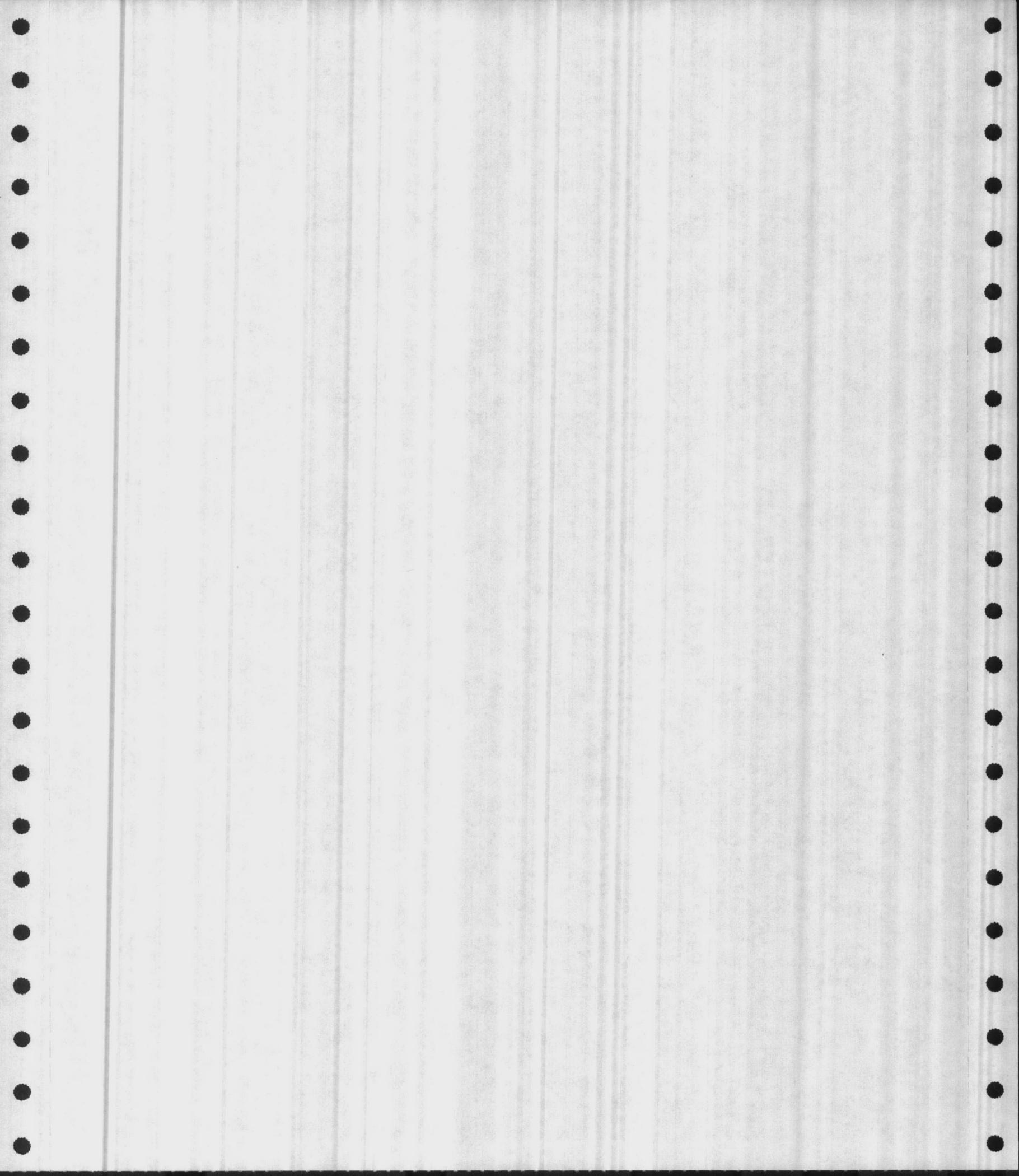
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PRESS <ENTER> FOR THE NEXT EIGHT(8) COMPLETE TICKETS
 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20 FROM 01/01/87 TO 06/30/87

TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
309329	B045	04/24/87	83	HOSE FLEXIBLE RPR ON BOILERS ATR COM, LOCATION:
311202	B045	04/30/87	71	LOAD AND HAUL CATALYST TO LANDFILL, LOCATION: 20
313337	B045	05/04/87	71	LOAD AND HAUL CATALYST TO LANDFILL 5, LOCATION: 20 TO LANDFILL
315182	B045	05/04/87	83	RECARBONATION SYSTEM RPR, LOCATION:
315205	B045	05/04/87	83	METER WATER -REPAIR, LOCATION:
316661	B045	05/06/87	83	RECARBONATION SYSTEM RPR, LOCATION:
316880	B045	05/07/87	71	LOAD AND HAUL CATALYST TO LANDFILL T, LOCATION: BLDG 20
317068	B045	05/06/87	83	PIPE SECTION/PVC/INSTALL PIPE AND FI, LOCATION:

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PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20				FROM 01/01/87 TO 06/30/87
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
317070	B045	05/06/87	83	MOVE 14-20 MINOR OBJECTS TO ANOTHER LOCATION:
318073	B045	05/08/87	83	BRACKETS-FABRICATE LOCATION:
318566	B045	05/11/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: BLDG 20
318770	B045	05/08/87	83	AIR LINE, RPL AIR LINES UP TO 2" IN LOCATION:
318784	B045	05/18/87	83	PIPE SECTION/PVC/INSTALL PIPE AND F LOCATION:
319460	B045	05/26/87	41	KEY, LOCKSMITH, FABRICATE DUPLICATE LOCATION: SECOND DECK STORAGE BIN
319466	B045	06/03/87	41	DOOR, LOCK-REPLACE TUBULAR LOCK LOCATION: GENERATOR DOOR_PANEL
322760	B045	05/14/87	72	GENERATOR, EMERGENCY, TROUBLESHOOT LOCATION: OUTSIDE BLDG, #20

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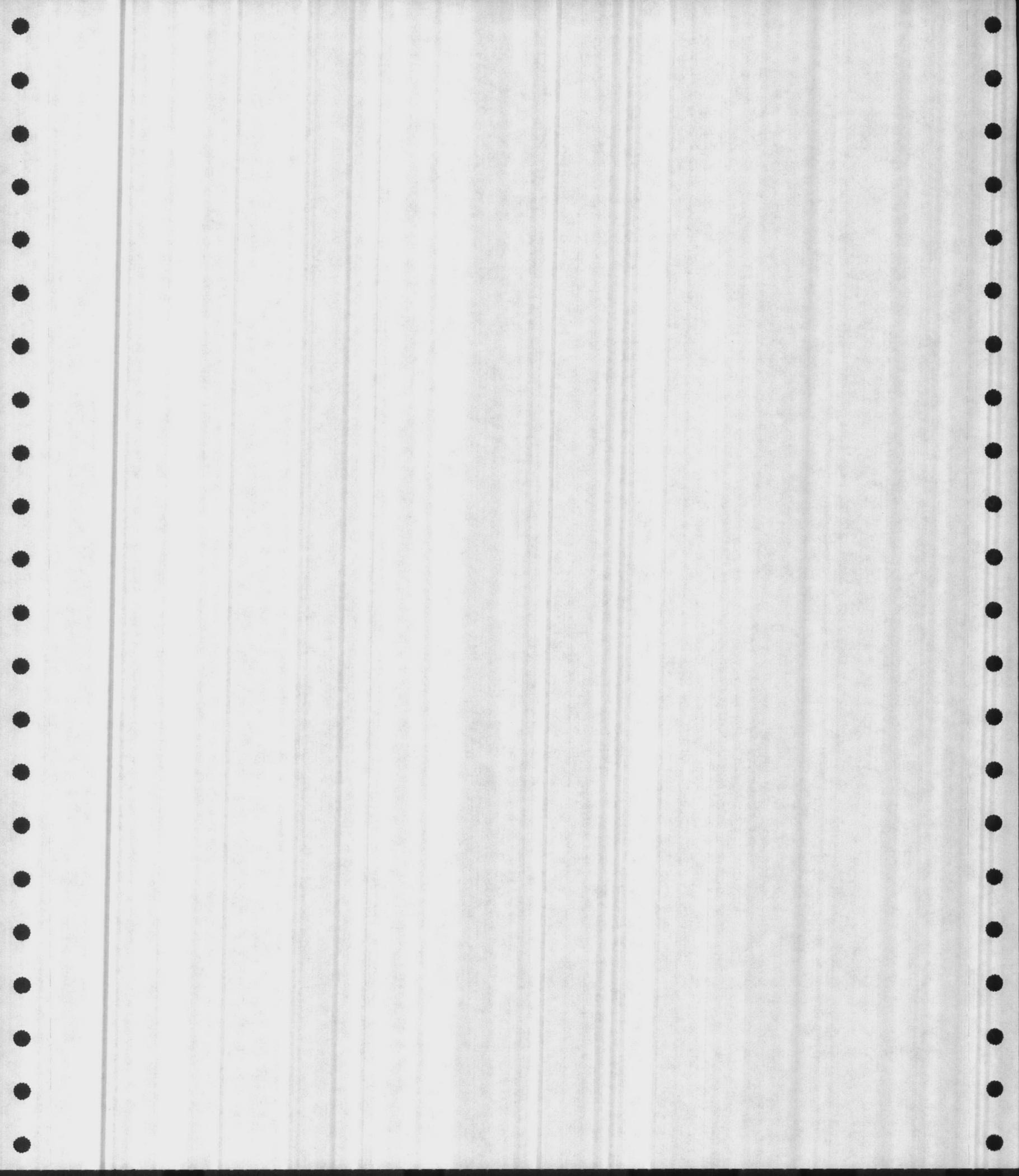
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PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20				FROM 01/01/87 TO 06/30/87
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
323899	B045	05/18/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: 20 TO THE LANDFILL
324736	B048	05/20/87	62	STEAM LINE GASKET RPLC ON PRV OR PIP LOCATION: MECH AREA
321581	B045	05/14/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: BLDG 20
327734	B048	05/21/87	39	LIGHT FIXTURE, FLUORESCENT-REPR LOCATION: OVER DESK
324729	B048	05/20/87	62	ADJUST FLOAT SWITCH ON CONDENSATE PU LOCATION: MECH AREA
328061	B045	05/21/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: BLDG 20
329666	B045	05/26/87	83	SILO RPR VIBRATOR ON LIME LOCATION:
329673	B045	06/02/87	83	VALVE, REPAIR BUTTERFLY VALVE (MANUA LOCATION:

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PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20				FROM 01/01/87 TO 06/30/87
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
329676	B045	05/28/87	83	PUMP, REPACK AND ADJUST (50 TO 1000 LOCATION:
329680	B045	05/26/87	71	LOAD AND HAUL CATALYST TO THE LANDFI LOCATION: 20 TO THE LANDFILL
330244	B045	06/19/87	83	PUMP, REPACK POSITIVE DISPLACEMENT F LOCATION:
330689	B045	06/19/87	83	PUMP, REBUILD POSITIVE DISPLACEMENT LOCATION:
331385	B048	06/24/87	72	GENERATOR, EMERGENCY, TROUBLESHOOT LOCATION:
331543	B045	05/28/87	83	FEEDER RPR LIME LOCATION:
331760	B045	06/02/87	71	LOAD AND HAUL CATALYST TO THE LANDFI LOCATION: 20 TO THE LANDFILL



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 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20				FROM 01/01/87 TO 06/30/87
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
333946	B048	06/01/87	51	GENERATOR, EMERGENCY, TROUBLESHOOT LOCATION:
335347	B045	06/02/87	83	WATER SOFTENER RPR_(WILL NOT OPERATE LOCATION:
335833	B045	06/09/87	43	WINDOW, FABRICATE FRAME(UP TO 36" X 5 LOCATION: SEE OPERATOR FOR LOCATION
335849	B045	06/08/87	39	FOUNTAIN, DRINKING-REPAIR DRAIN, LEAK LOCATION:
336519	B045	06/04/87	71	LOAD AND HAUL CATALYST TO THE LANDFILL LOCATION: 20 TO THE LANDFILL
337508	B045	06/05/87	83	FEEDER RPR FLUORIDE LOCATION:
337781	B045	06/04/87	83	FEEDER RPR FLUORIDE LOCATION:
335348	B045	06/05/87	83	LIME SYSTEM CONTROLS RPR LOCATION:

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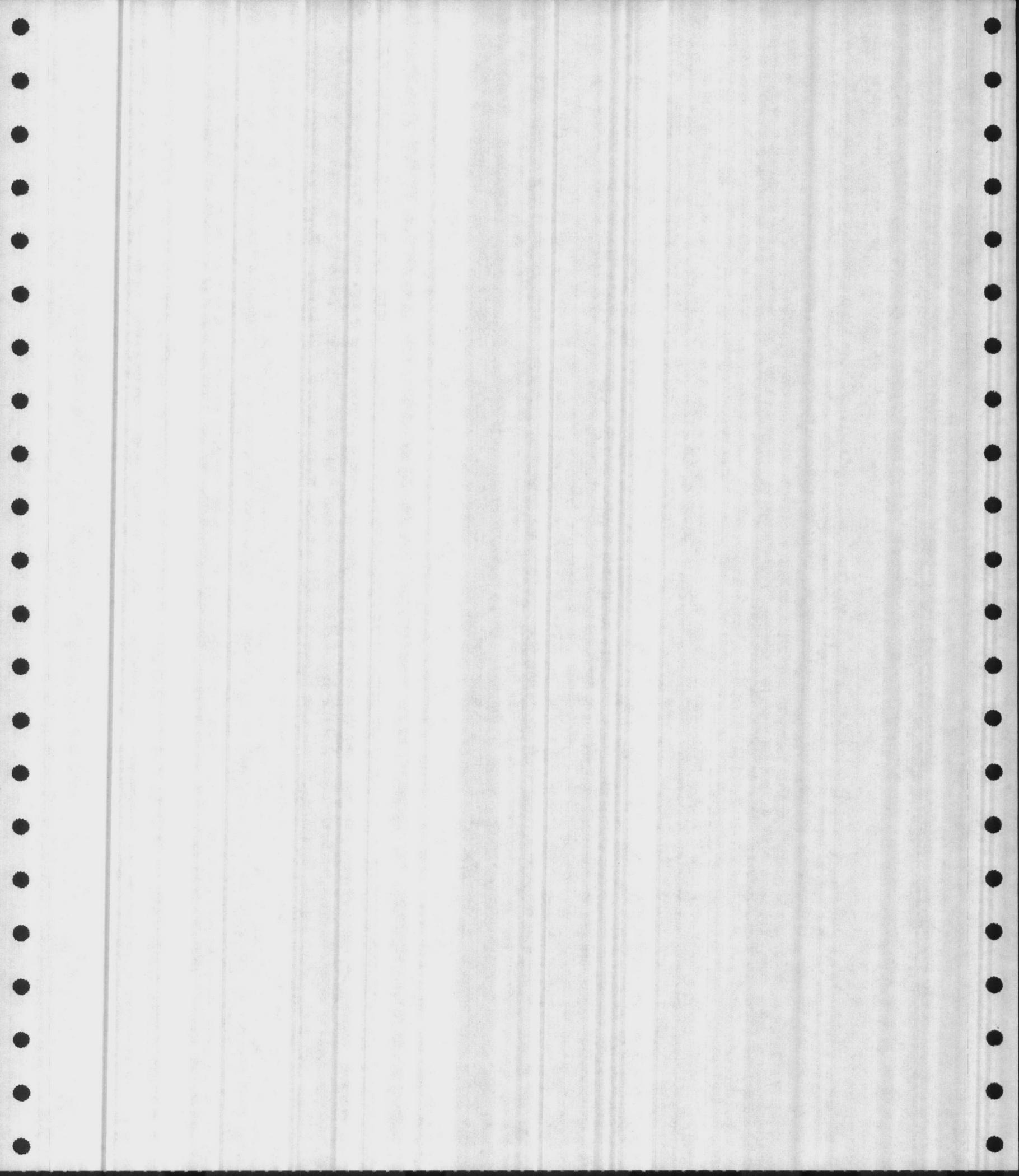
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 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20				FROM 01/01/87 TO 06/30/87
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
339116	B045	06/08/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20 TO THE LANDFILL
339594	B045	06/19/87	83	PUMP, REPACK POSITIVE DISPLACEMENT P LOCATION: LIMEPUMP #2 SPIRATOR
340494	B045	06/09/87	83	WATER LINE - CHECK PRESSURE LOCATION:
340559	B045	06/12/87	83	WATER LINE - CHECK PRESSURE LOCATION:
338315	B045	06/08/87	83	SPIRATOR RPR RATE OF FLOW CONTROLLE LOCATION:
340975	B048	06/11/87	71	LOAD AND HAUL SAND CATALYST SLUDGE_F LOCATION: FROM BLDG 20 TO THE LANDFILL
341327	B045	06/12/87	51	PUMP, REPAIR (UNCLOG CHECK VALVE) LOCATION: PUMP #2 HIGH LIFT PUMP_TR
341598	B045	06/12/87	83	LIME SYSTEM CONTROLS RPR LOCATION:

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 PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20				FROM 01/01/87 TO 06/30/87
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
342357	B045	06/12/87	83	CHAIN, RPR SAFETY CHAIN TO GAS TANK LOCATION:
342736	B045	06/15/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20 TO THE LANDFILL
344609	B048	06/16/87	51	CORD, RUBBER COVERED 50(10/4) AND FLU LOCATION: NEAR GENERATOR
342153	B048	06/18/87	51	PANEL, CIRCUIT BRAEKER INSTALL(225A,1 LOCATION: PUMP 2
347306	B045	06/22/87	71	LOAD AND HAUL CATALYST TO THE LANDFILL LOCATION: 20 TO THE LANDFILL
345667	B045	06/18/87	39	DRAIN, FLOOR-UNCLOG DRAIN



342435 B048 06/19/87 41
348136 B045 06/23/87 63

LOCATION: PIPE GALLERY
WINDOW, FREE UP DOUBLE HUNG WINDOW
LOCATION: TOP FILTER DECK
COVER, METAL - FABRICATE AND INSTALL M
LOCATION: PATTERN IN SHOP

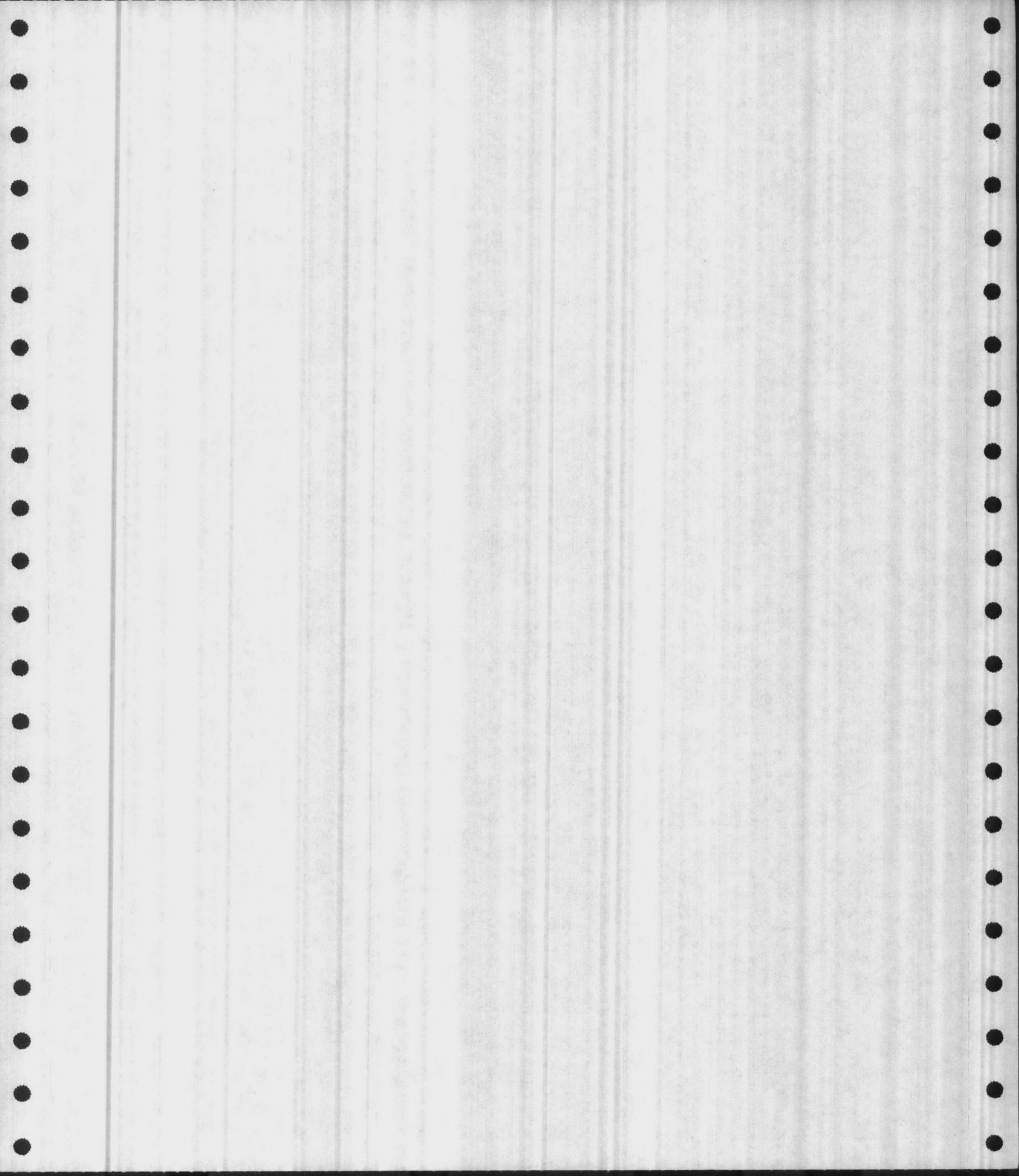
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PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU

BUILDING NUMBER: 20		FROM 01/01/87 TO 06/30/87		
TICKET NUMBER	REQ CODE	JOB COMPLETED	WORK CENTER	DESCRIPTION OF WORK
349537	B048	06/25/87	63	FAN, EXHAUST, INSTALL & CONNECT (12" LOCATION: CHLORINE ROOM
349686	B048	06/25/87	63	PIPE SMOKE- CAP 4"-12" STACK FAB LOCATION: FRONT OF BLDG., FACING MAI
349693	B048	06/25/87	63	HVAC FAB FITTING SIMPLE FITTING LOCATION: FRONT OF BLDG., ON MAIN SE
349704	B048	06/26/87	63	DUCT INSTALL UP TO 10" X 14" LOCATION: FRONT OF BLDG., ON MAIN S
349710	B048	06/26/87	63	DUCT WORK, INSTALL ONE GRILL IN A DU LOCATION: FRONT OF BLDG., ON MAIN S
349823	B048	06/24/87	39	DRAIN, CLEAN OUT UTILITY DRAIN LOCATION: PPE CALLEY
350970	B045	06/25/87	71	LOAD AND HAUL CATALYST FOR UTILITIES LOCATION: 20
345966	B048	06/24/87	72	GENERATOR EMERGENCY, TROUBLESHOOT LOCATION:

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PF13 - SELECT ANOTHER BUILDING PF24 - TO MENU



SAND

① NEEDED 120 cu ft / Spiroactor (5)
6 times a year
(670 BLD 20) CHANGE EACH 1500 OF OPERATION

$$5 \text{ SPIROACTOR} \times 120^{\text{CF}} \times 6^{\text{TIME}} = 3600 \text{ CUFT}$$

OR 133 CY

REMOVAL OF CATALYST

① EACH CHANGE WE REMOVE
APP. 5 LOAD AT 123 CU/FT
PER LOAD = 615 CUFT OR 23 CY

② AFTER 500 HR OF OPERATION
WE REMOVE 2 LOAD PER WEEK
= 246 CU FT OR 9 CU.Y.

$$246^{\text{CU.FT}} \times 34 \text{ week/yr.} = 8364 \text{ CUFT}$$

OR 309 CY

Carl

Junior wanted a list of tickets
for Step 71 TO Load Catalyst.
Included is Ticket Summary.

I DO NOT think this is
going to work.

M

SAND

① NEEDED 120 cu ft / Spheractor (5)
6 times a year
(670 BLD 20) CHANGE EACH 1500 OF OPERATION

$$5 \text{ SPERACTOR} \times 120^{\text{CF}} \times 6^{\text{TIME}} = 3600 \text{ CUFT}$$

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$$246^{\text{CF}} \times 34 \text{ week/yr.} = 8364 \text{ CUFT}$$

OR 309 CY

2-11-88

Southern product sand & silica Co.

20 cuft / ton

21⁰⁰ / ton

30 to 70 mesh for Brunswick County

450 NO. 88 - 60 | - 45 mesh

check on sand spec.

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~~8 CAT~~

REMOVAL OF CAT.

1 Truck 4 hr a day twice/week
Tues + Thur.

1 Truck 8 hr. a day 30 Day / year
will call 1 week in advance.

SAND ? if not needed can we not
order total amount each time

who is responsible for loading Trucks,
Sno TS 30 TB 70 MESH

~~10/10/10~~

10/10/10

10/10/10

10/10/10

10/10/10

10/10/10

1. How will Junior get word from
Base Maint. the request verbal
Junior needs ltr. who auth. issue

2 -  Someone will have to keep
OP w/money if ^{Junior} lets
VS do ordering.

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Handwritten text, possibly a list or notes, located in the middle portion of the page. The text is faint and difficult to decipher.

