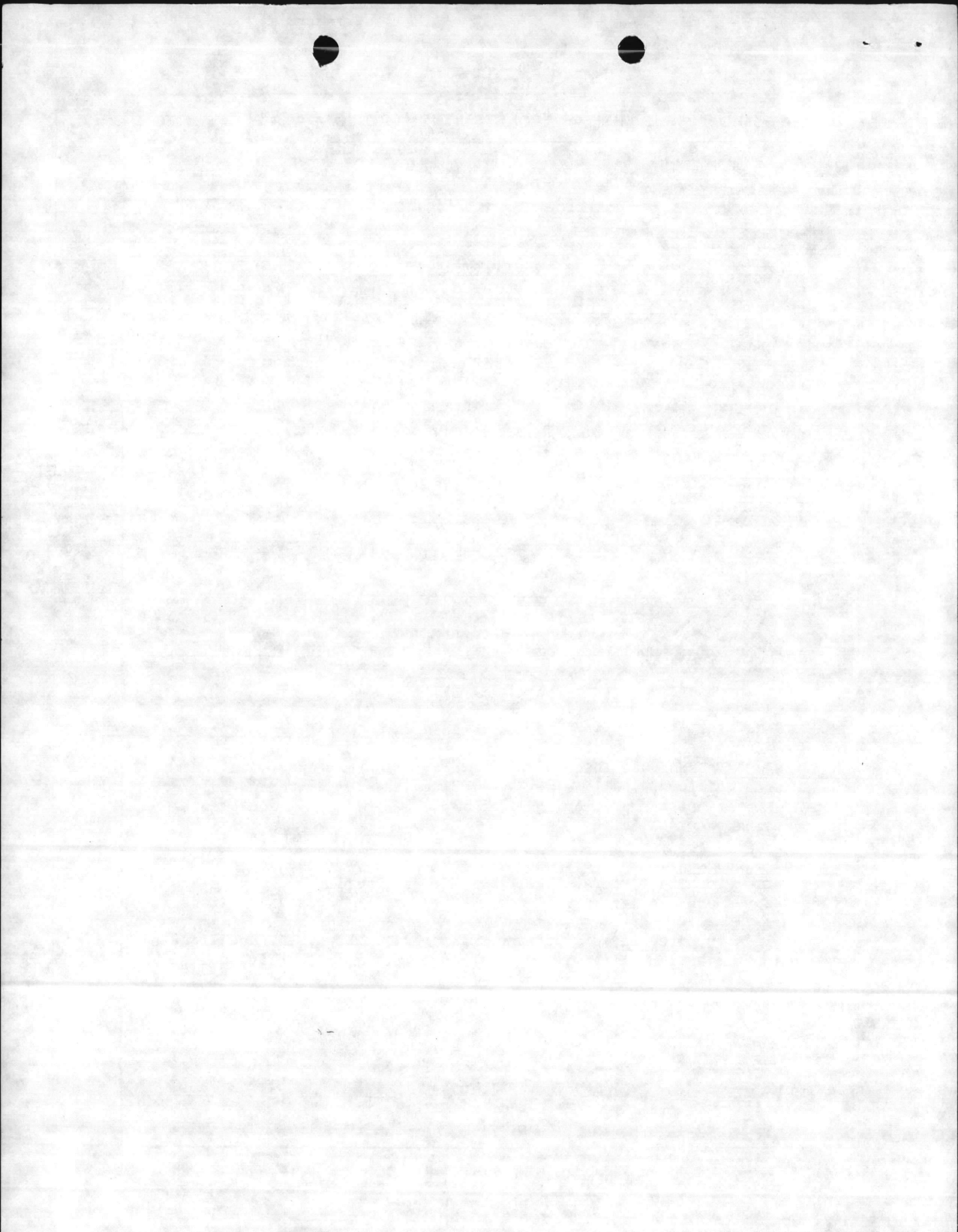
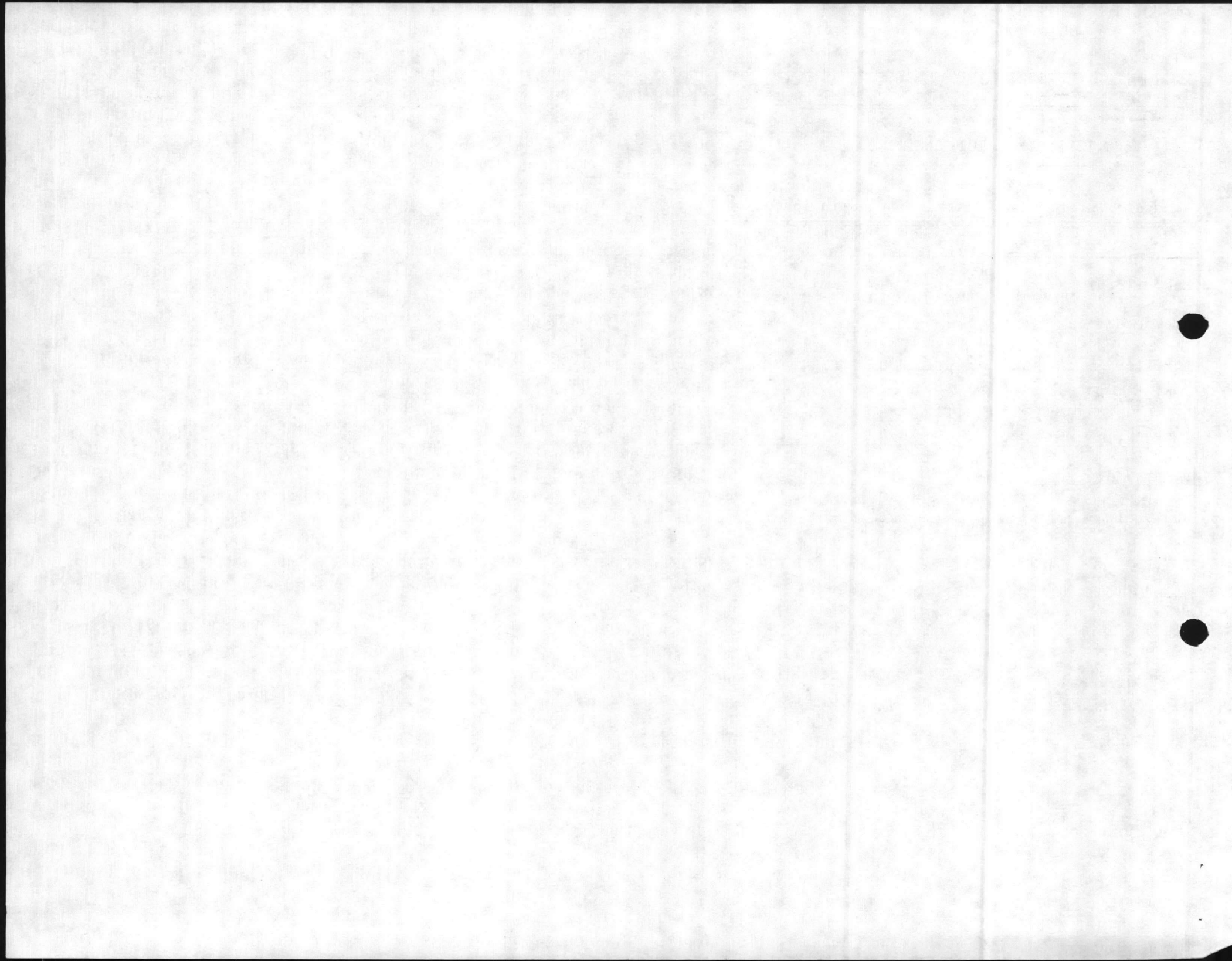


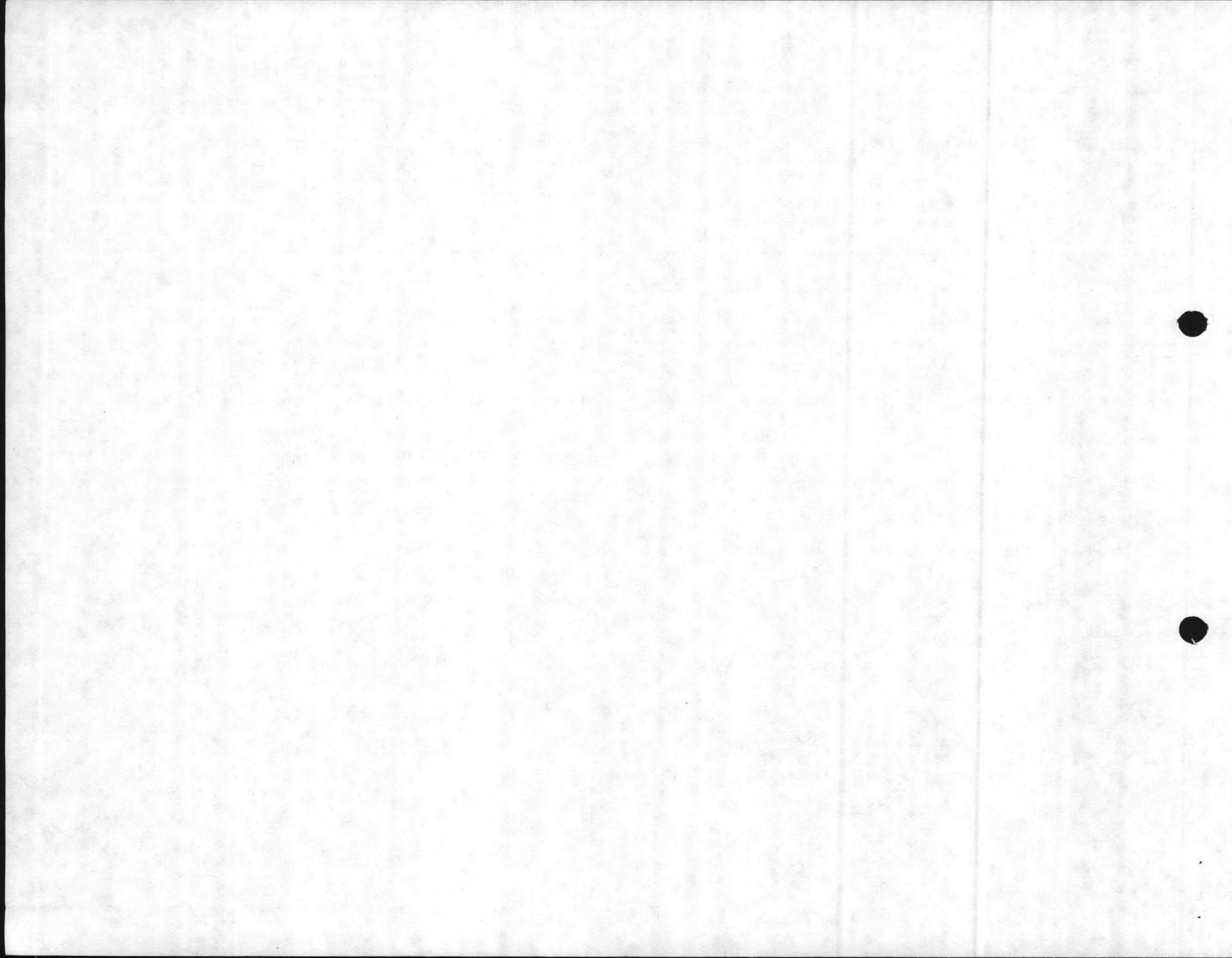
1. COMPONENT		FY 19 <del>88</del> MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
				3 Feb 86	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Marine Corps Base Camp Lejeune, NC 28542			Renovate exterior and interior Administration		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
	61010	LE808M	2,095,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
Basic Total		LS			1,904
Contingency 10%		LS			191
Total Contract Cost		LS			2,095
Design 6%					126
Total Estimated Cost					2,221
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
Renovate interior and exterior admin areas.					
11. REQUIREMENTS:					
<u>Requirements:</u> Renovate interior and exterior of admin area with central HVAC, drop ceilings, wall repair and replacements. Rewire and relight. Replace water piping and plumbing fixtures, and mech room equipment. Remove asbestos insulation.					
<u>Current Situation:</u> Radiators and piping leaking. AC breaking down and worn out. Plumbing fixtures obsolete. Electric wiring and lights are fire hazards and obsolete. Wall and ceiling are in bad state of repair.					
<u>Impact If Not Corrected:</u> Maintenance cost will be high. AC and lighting are insufficient. Wiring will cause hazardous working conditions. Plumbing conditions will be unsanitary.					











**COST ESTIMATE**

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building 1011

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Blanton

CATEGORY CODE NUMBER

PROJECT TITLE

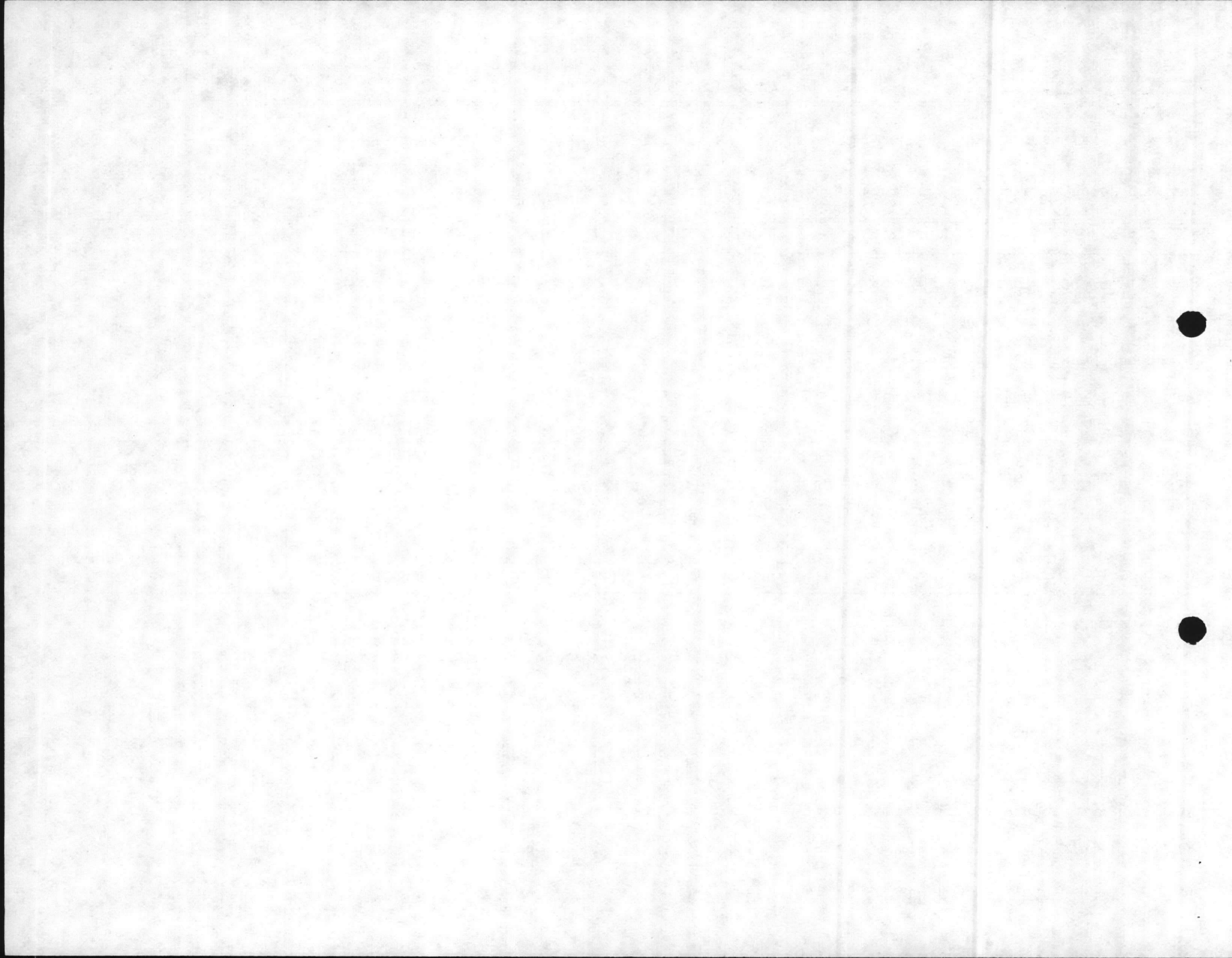
Renovate elcetrical system (offices area)  
Old admin areas only

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Remove and consolidate (1) 200a 3Ø service and (1) 225a 3Ø sub panel. The existing elect equipment is located on 1st floor hall wall. (1) 100a 3Ø fed from front of building and (1) 225a 3Ø fed from main service panel on north side of building. Equip. to be consolidate consist of (2) 200amp 3Ø (3) 60a 3Ø, (4) 30a 1Ø disconnects, and (1) 100a 3Ø 30ckt, (1) 200a 3Ø 30ckt, (1) 100a 2ckt, (1) 70a 2ckt panels.				5,000		2,500		7,500
Replace all (2) wire ungrounded lighting, switches and receptacles ckts with (3) wire grounded ckts. Replace all light switches and receptacles. Ground all new fluor. fixtures. Replace ceiling track outlets w/power poles w/elect & telephone				12,000		5,000		17,000





**COST ESTIMATE**

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building 1011 (CONT)

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Blanton

CATEGORY CODE NUMBER

PROJECT TITLE

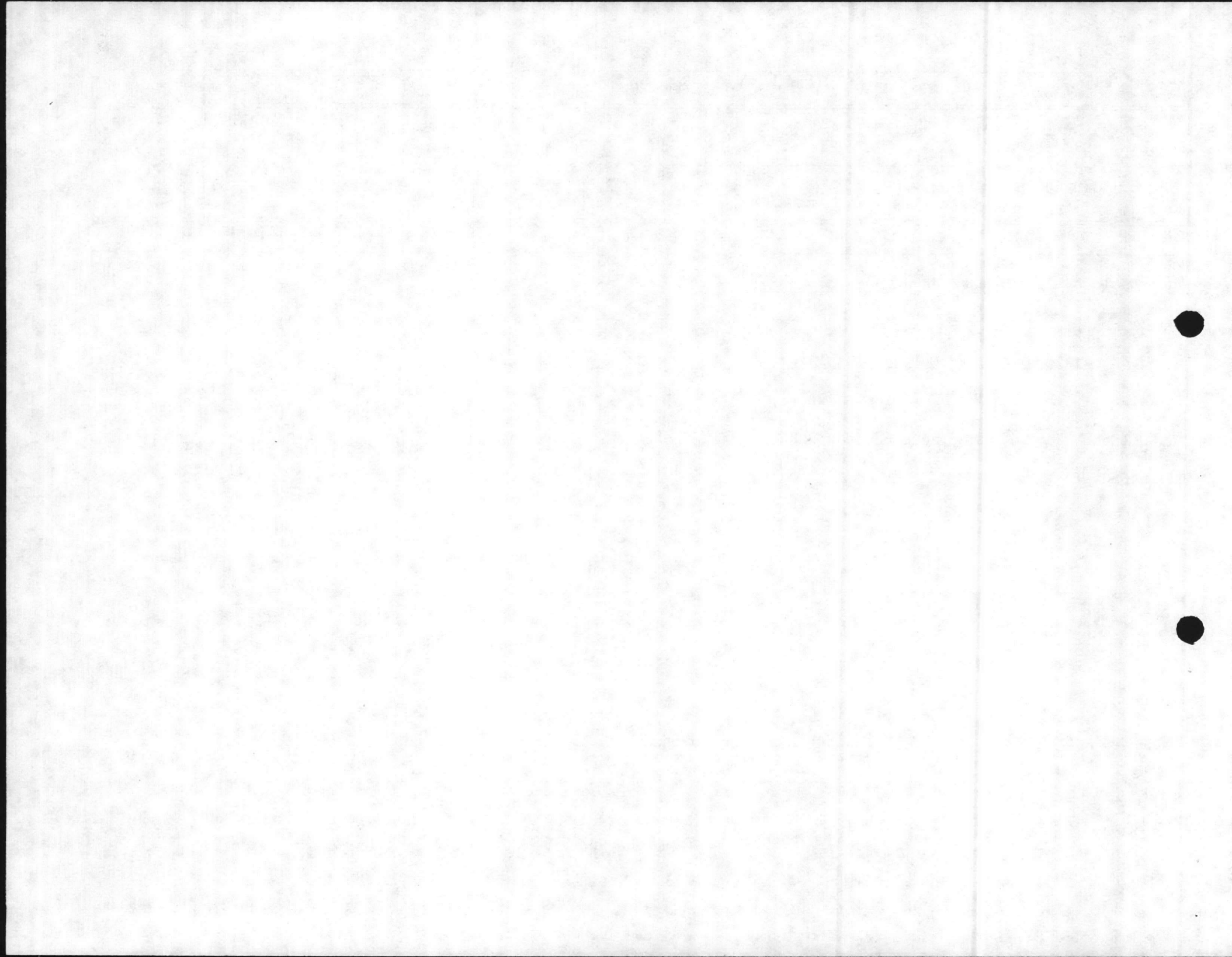
Old admin areas only  
Renovate elect. system (offices area)

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
outlets in open office areas as needed.								
New drop ceiling to be installed. Replace existing fluorescent fixtures w/new fixture.				5,400		2,700		8,100
Install new ckts w/grounding conductor and ground new fixtures.								
Install exit and emg lights as required				1,500		750		2,250
Repair all damages to bldg due to renov.				200		600		800
Ground and bond and label all panel and disconnects per NEC								
TOTALS				24,100		11,550		35,650



### COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building 1108

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Blanton

CATEGORY CODE NUMBER

PROJECT TITLE

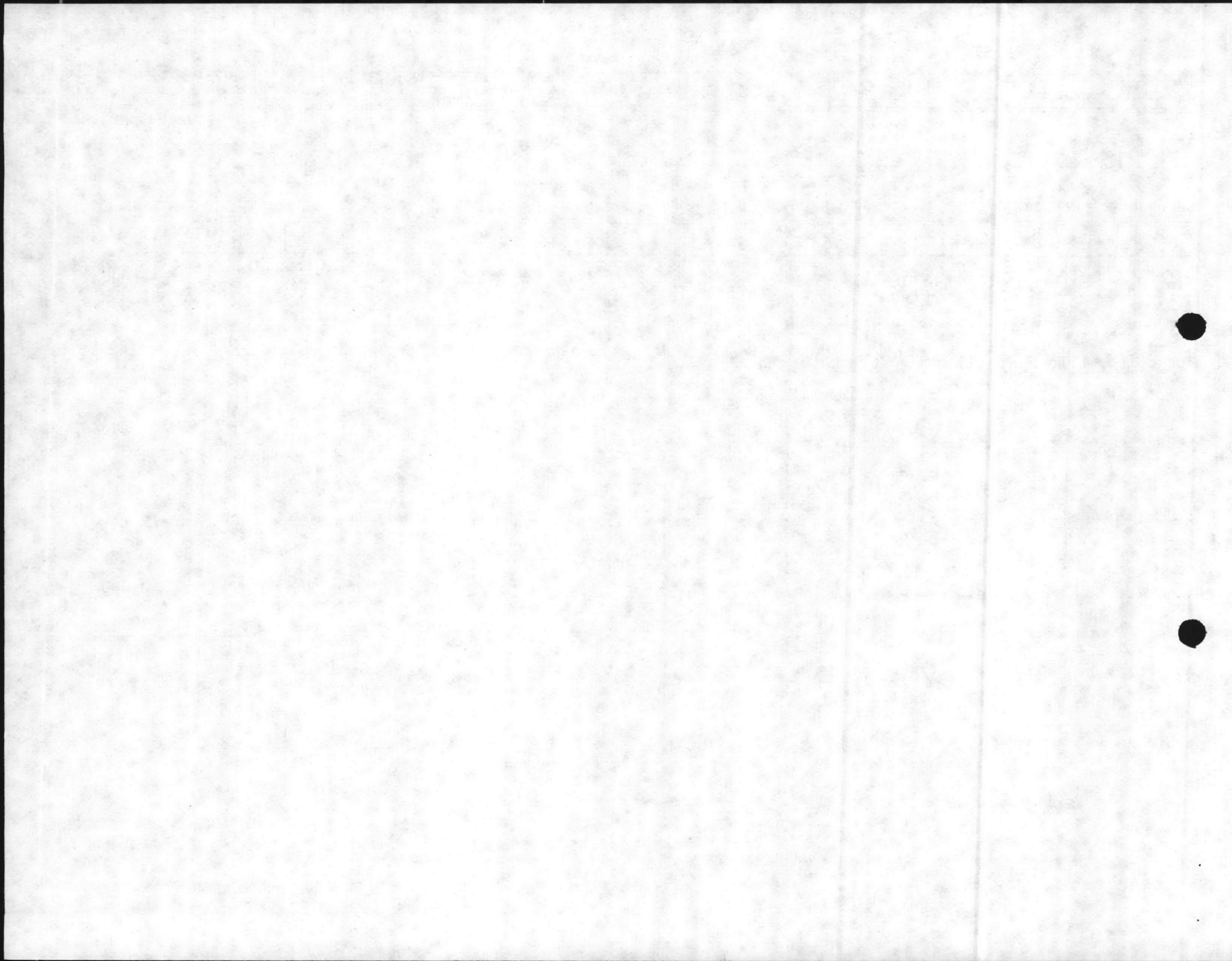
Renovate electrical system Office spaces

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
(1st Floor hallway between office area and warehouse) Remove and consolidate (1) 200a 40ckt, (1) 100a 5ckt, (1) 60a 8ckt, (1) 70a 7ckt and (1) 60a 2ckt into main panel. Replace existing service large enough for 1st and 2nd floor panels. Ground service and equip and label per NEC				4,000		2,000		6,000
(2nd deck hallway) Replace and consolidate to (1) main panel (1) 200a 40ckt panel and (1) 100a 20ckt panel. Bond and ground and label per NEC. Replace feeders add equip grounding conductor.				2,000		1,000		3,000



### COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building 1108

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

CATEGORY CODE NUMBER

PROJECT TITLE

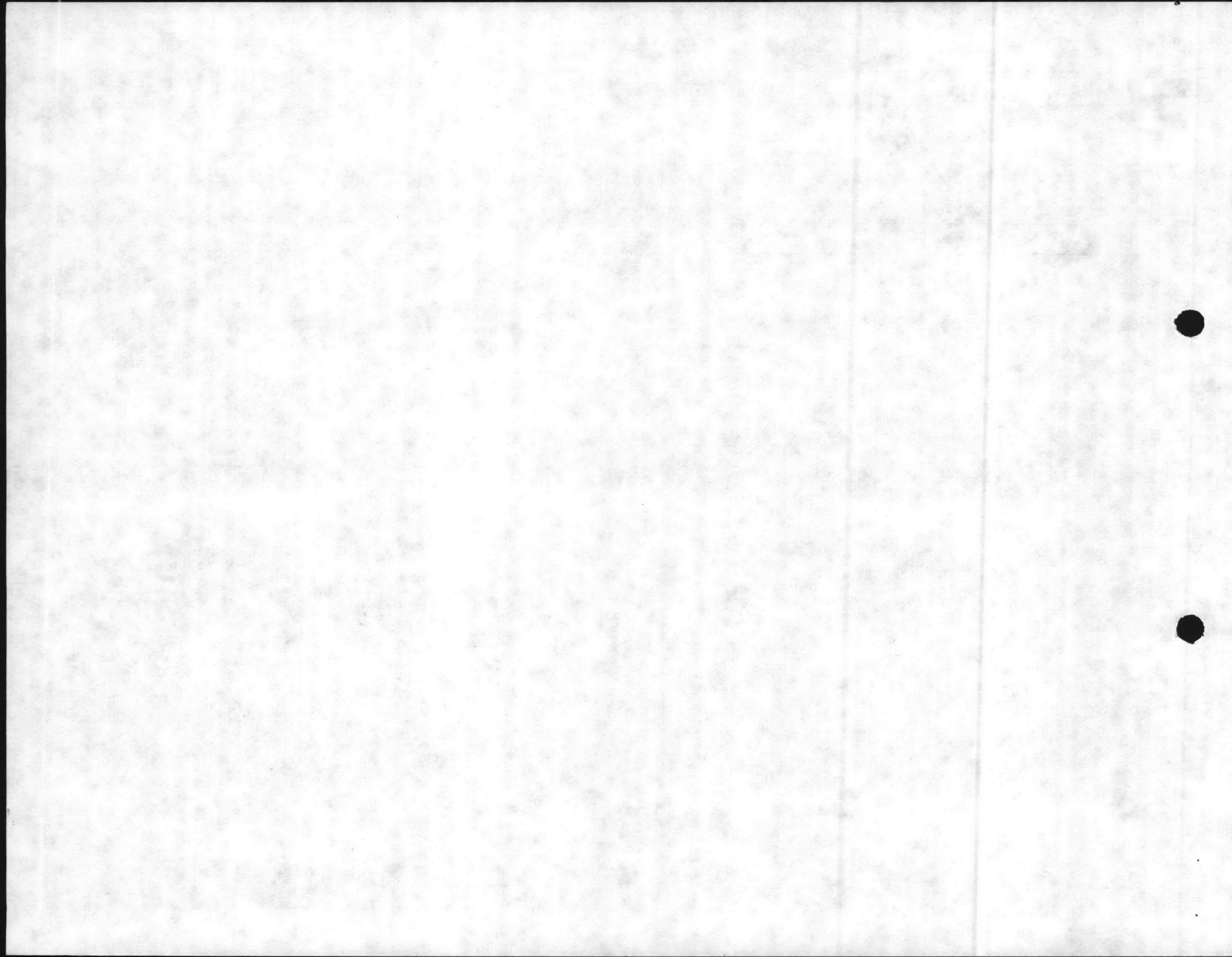
Renovate elect system office space

Blanton  
STATUS OF DESIGN

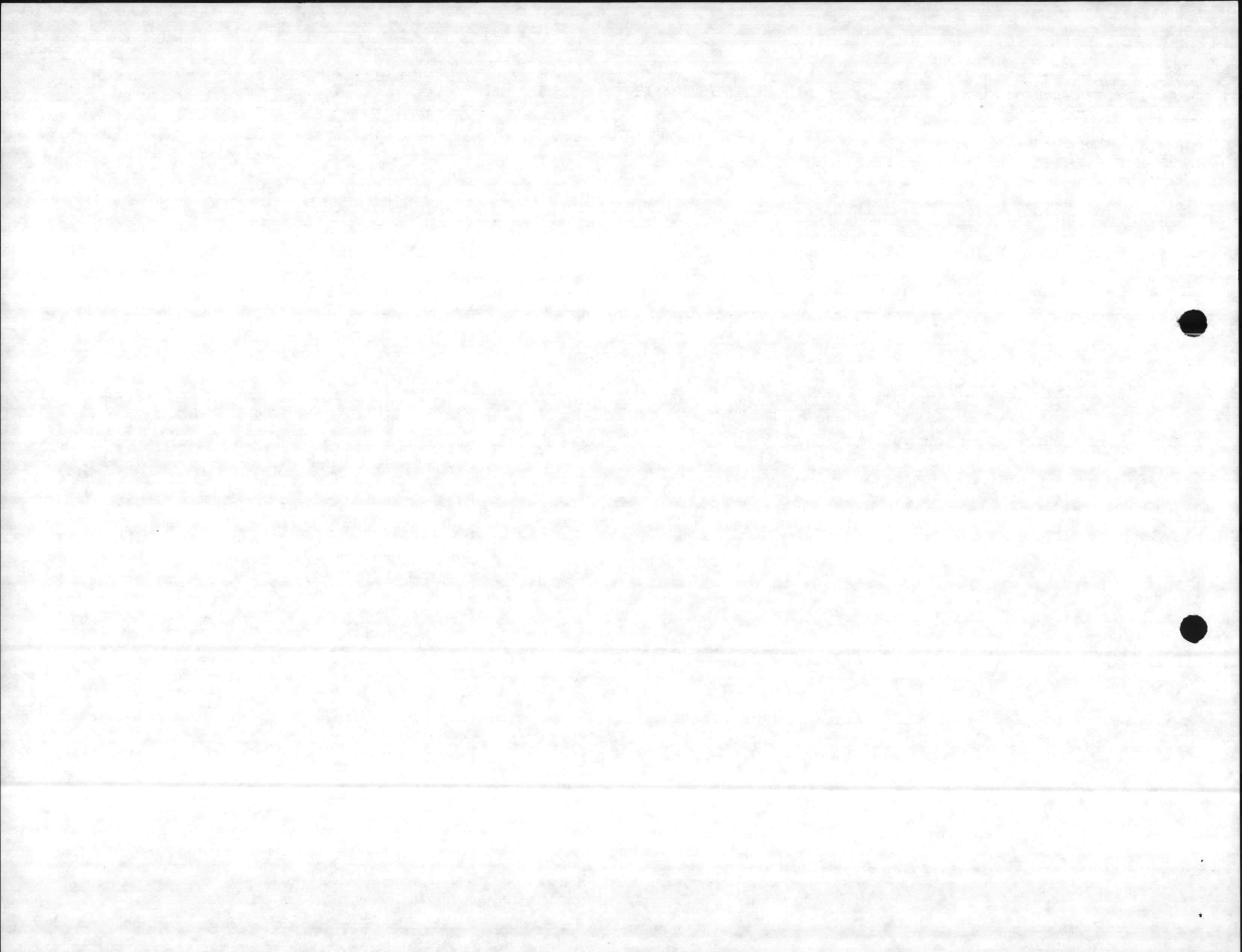
PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
(1st and 2nd deck) Replace existing fluor and incand lights with new fluor fixtures. New drop ceiling to be installed.				5,000		2,500		7,500
Replace all (2) wire ungrounded lighting, switches and receptacle ckts with (3) wire grounded ckts. Ground all new fluor fixtures. Replace all lights switches and receptacles with grounded type. Remove all conduit and are not used. Remove all romex. Install power poles in open offices for electric and phone outlets.				12,000		6,000		18,000
Install exit lights and emergency lights as required.				1,600		800		2,400









**COST ESTIMATE**

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building 1116

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

CATEGORY CODE NUMBER

PROJECT TITLE

Renovate electrical system offices, heads, storage and stairwells.

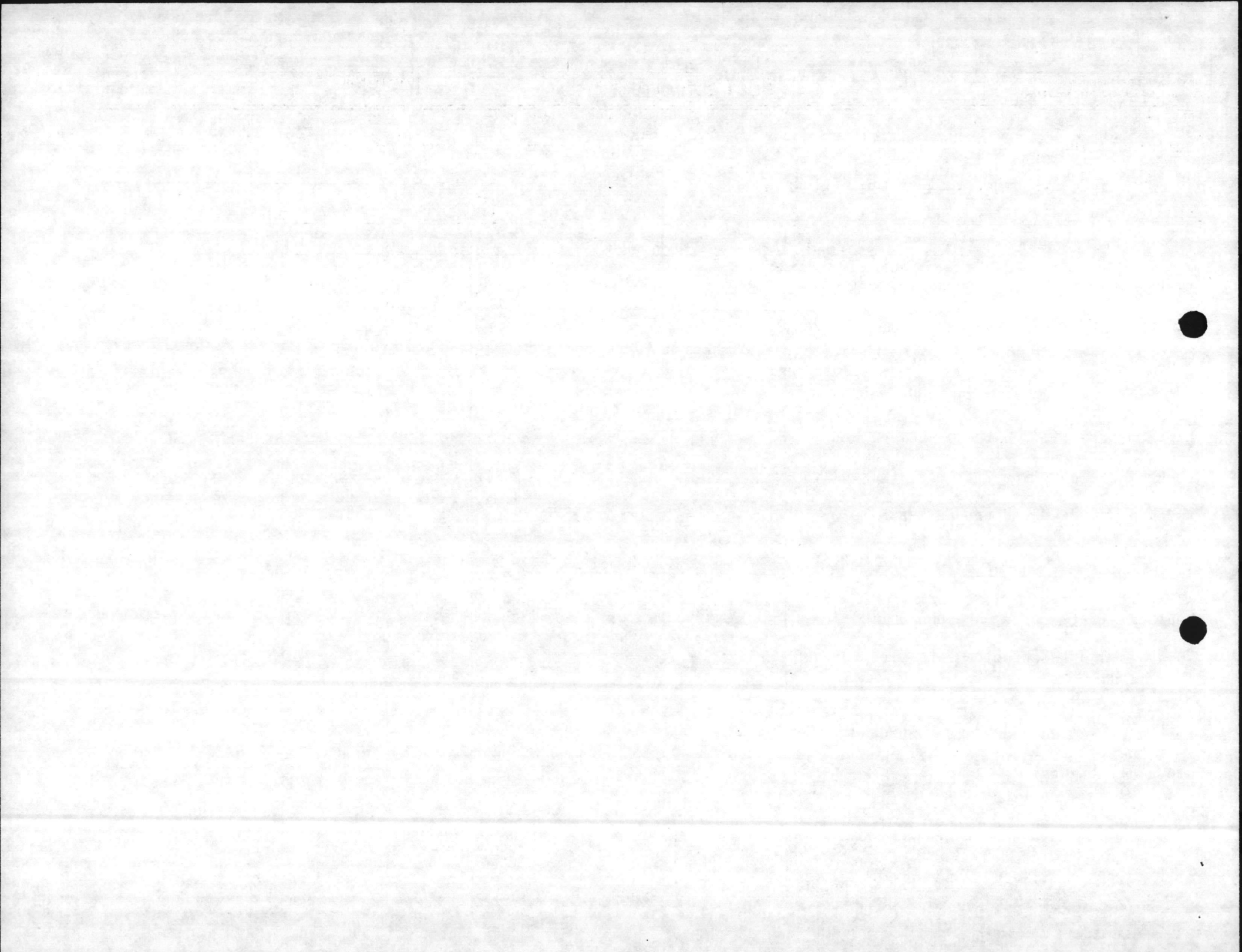
Blanton

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
(1st Deck) Replace and consolidate into				3,000		1,500		4,500
(2nd Deck) main service equip. (1) 400a 3Ø, (3)								
100a 3Ø, (1) 30a 3Ø disconnects and (1) 60a								
6ckt 1Ø fuse panel and (1) 200a 3Ø 40ckt								
breaker panel. (2nd Deck) Replace and								
consolidate panel on 2nd deck stairwell.								
Label and ground and bond all panels and								
equipment per NEC								
Replace all (2) wire ungrounded lighting,				9,000		4,500		13,500
switches and receptacles ckts with (3)								
wire grounded ckts. Rewire complete.								
Remove all conduit and wire not used.								
Ground all lights.								



# COST ESTIMATE

DATE PREPARED

SHEET . OF

ACTIVITY AND LOCATION

Building 1116

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Blanton

CATEGORY CODE NUMBER

PROJECT TITLE

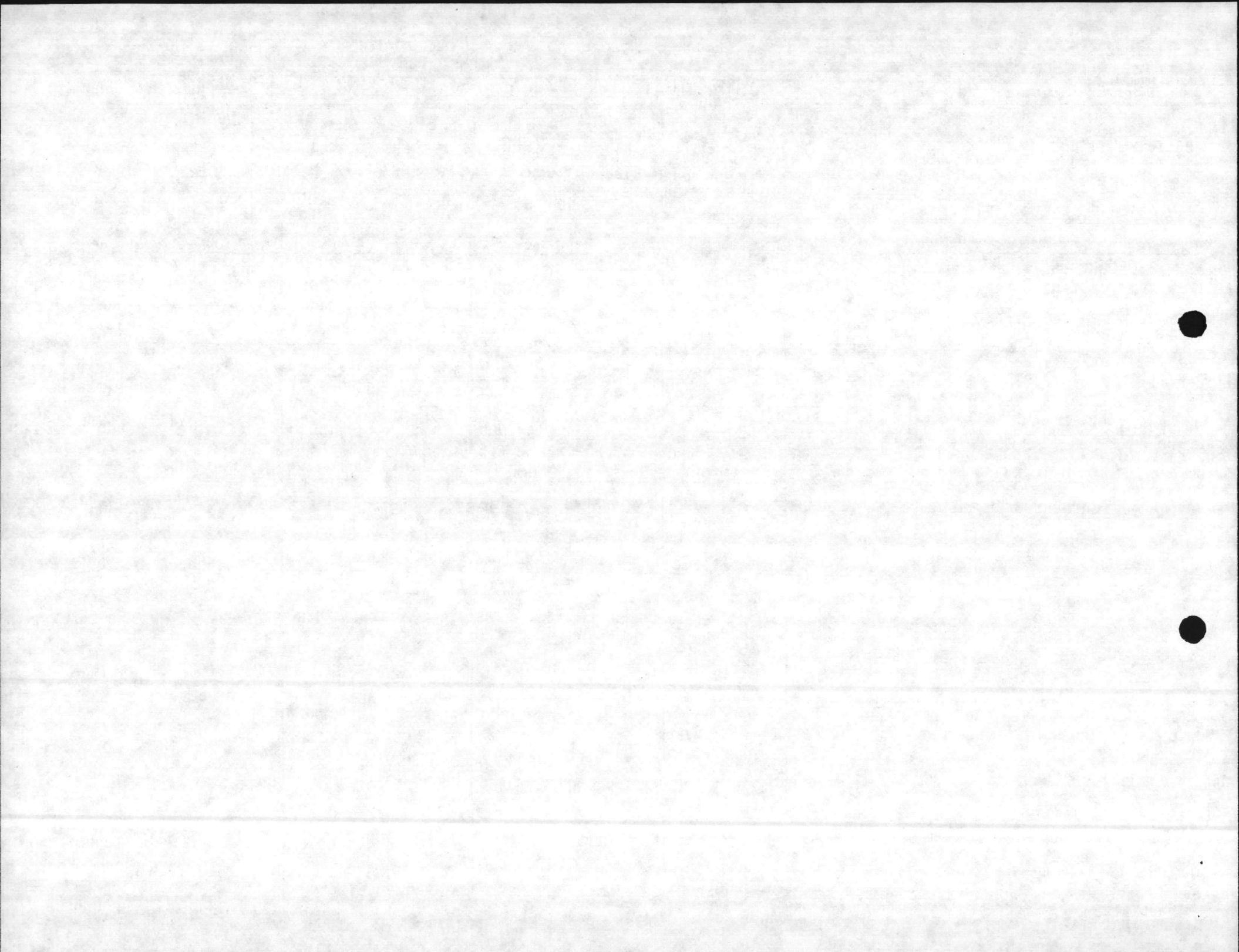
Renovate electrical system offices, heads storage and stairwells.

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
New drop ceiling to be installed. Replace				5,600		3,000		8,600
Existing lights with new 4'x2' 4T lay in								
fluorescent fixture.								
Install exit and emg lights as required				2,000		1,000		3,000
Replace front entrance light.				150		25		175
TOTAL				19,750		10,025		29,775



### COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building 1108

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Huffman

CATEGORY CODE NUMBER

PROJECT TITLE

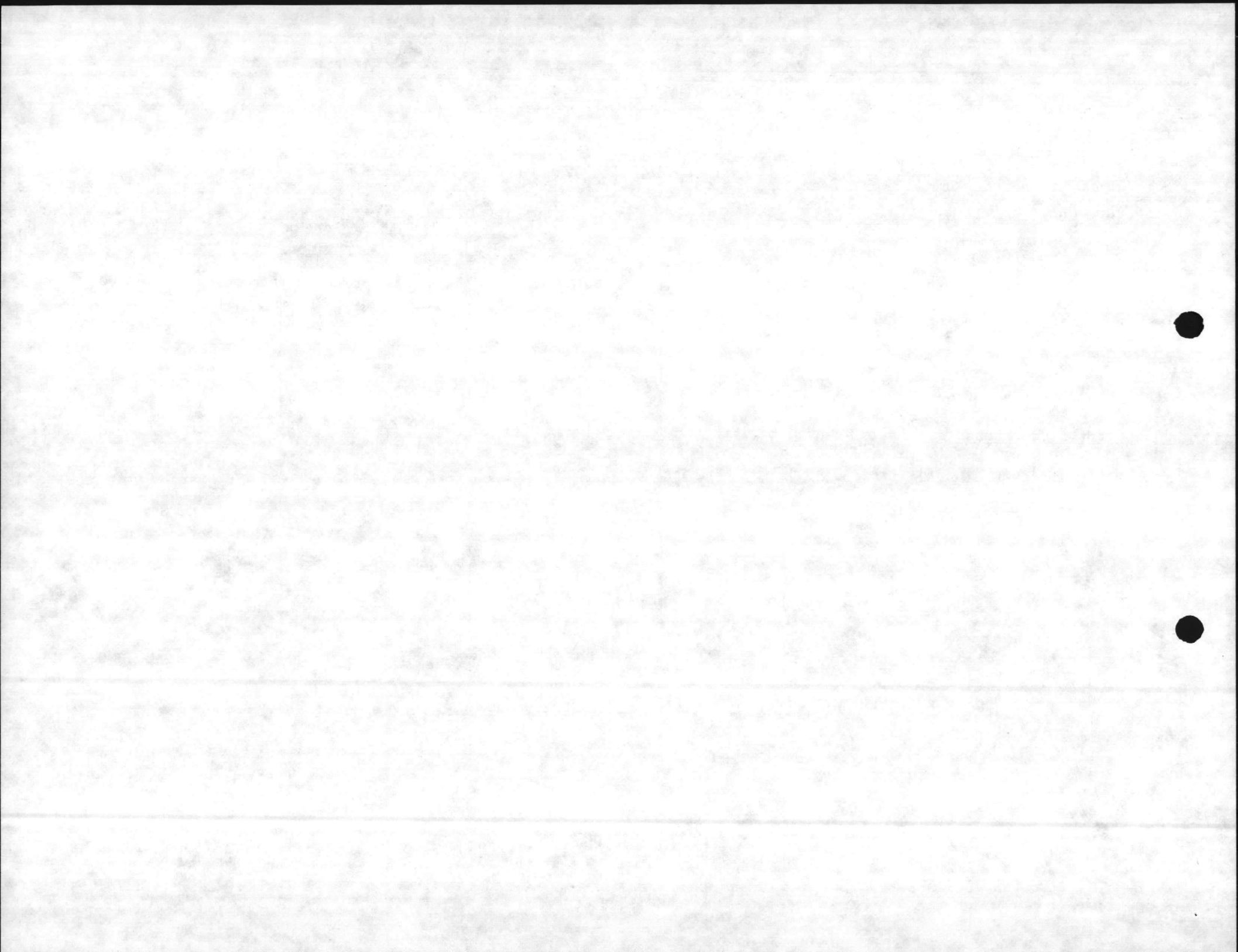
Renovate heating and AC with central  
Admin Areas Only

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Demo steam, condensate, potable water, fire line piping. Including asbestos piping insulation. Radiators aprox 23 ea. Unit heaters aprox 9 ea. Hot water tank and asbestos (1) condensate pump (1) PRV steam station (2) plumbing fixtures. 6-com., 6-lav, 2 urnials, 1 deep sink, 5 showers, 3 elect water coolers						10,100		10,100
Demo window AC units aprox 28 ea.						1,150		1,150
Install central HVAC with steam heating coil and air cooled condenser. New copper water piping and insulate. Heating pipe and PRV (2) steam station and insulate. Hot water storage heater and insulate. Condensate pump.				16,000		450		450
New plumbing fixtures valves & trim per demo list				4,914		350		350
				1,616		700		700
				7,000		1,400		1,400
				1,200				1,550
				6,775		1,926		8,701



**COST ESTIMATE**

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building 1108

PROJECT TITLE

Renovate heating and AC with central

Admin area only

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Huffman

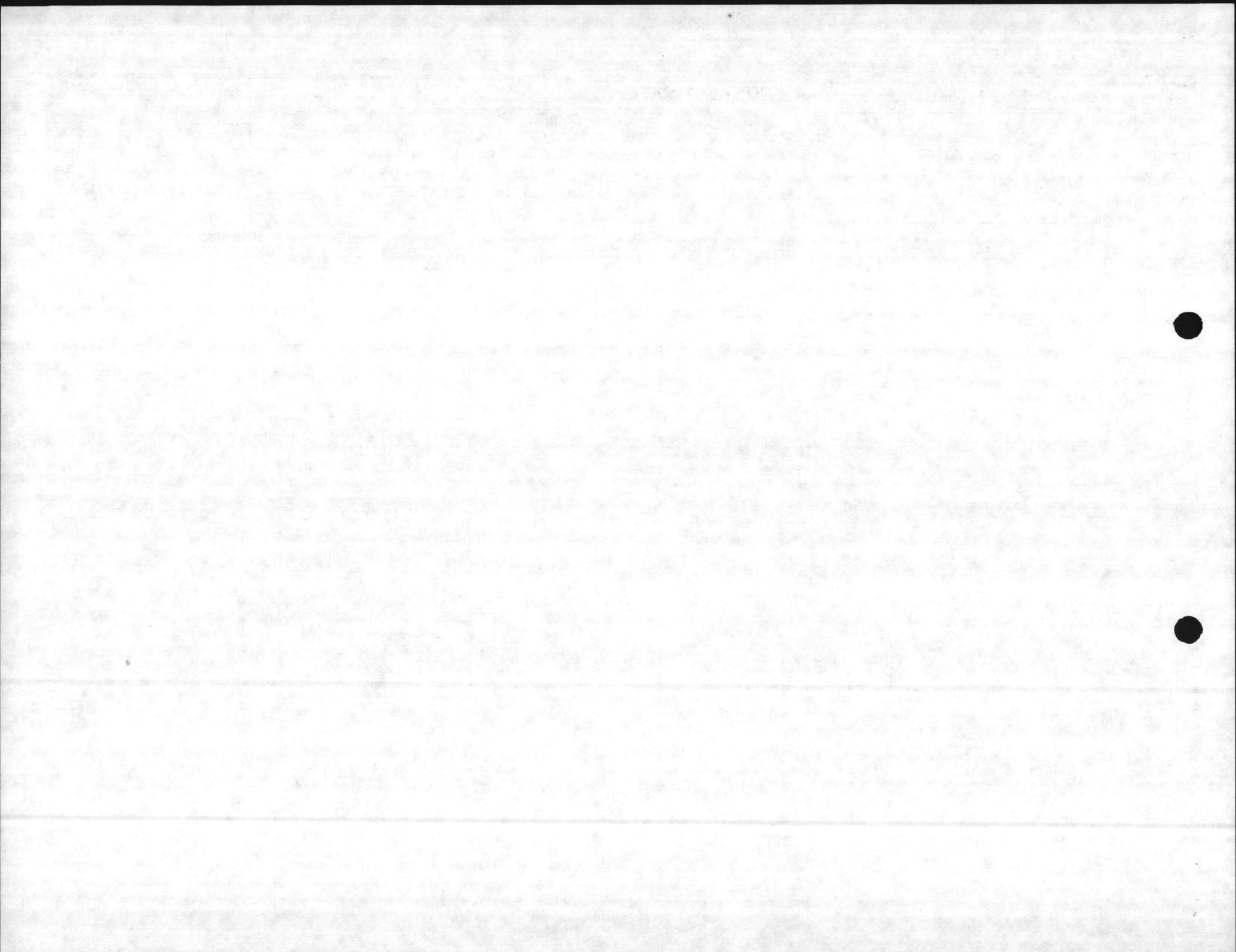
CATEGORY CODE NUMBER

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Fire line to be deleted from new and caped of at building entrance.								
BASIC TOTAL				37,505.00		35,446		72,951





**COST ESTIMATE**

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Buildings 1011, 1211, 1116

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Huffman

CATEGORY CODE NUMBER

PROJECT TITLE

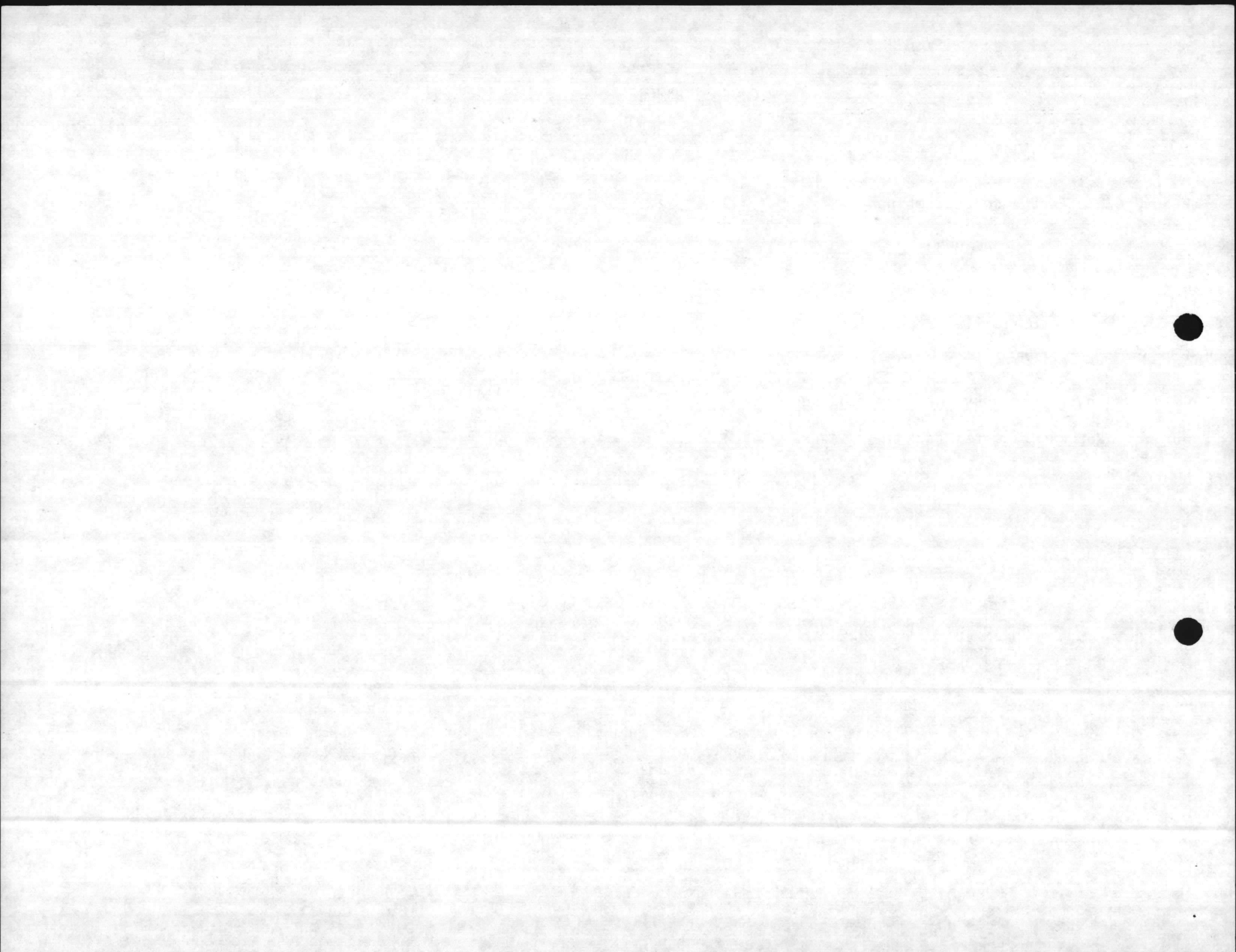
Admin, Mech room area  
 Renovate heating, AC and plumbing

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Demo hot water heating and potable water						10,000		10,000
Plumbing and asbestos piping insulation.								
Abandon fire hose. Demo all radiators,						2,100		2,100
window AC units, exhaust fan carrier planner						2,200		2,200
office. Hot water heater tank, hot water						600		600
heater convertor, expansion tank, circulating								
pumps, condensate pump, PRV steam station.								
All plumbing fixtures.						1,000		1,000
BASIC TOTAL PER EACH BUILDING								



**COST ESTIMATE**

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Buildings 1011, 1211, 1116

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Huffman

CATEGORY CODE NUMBER

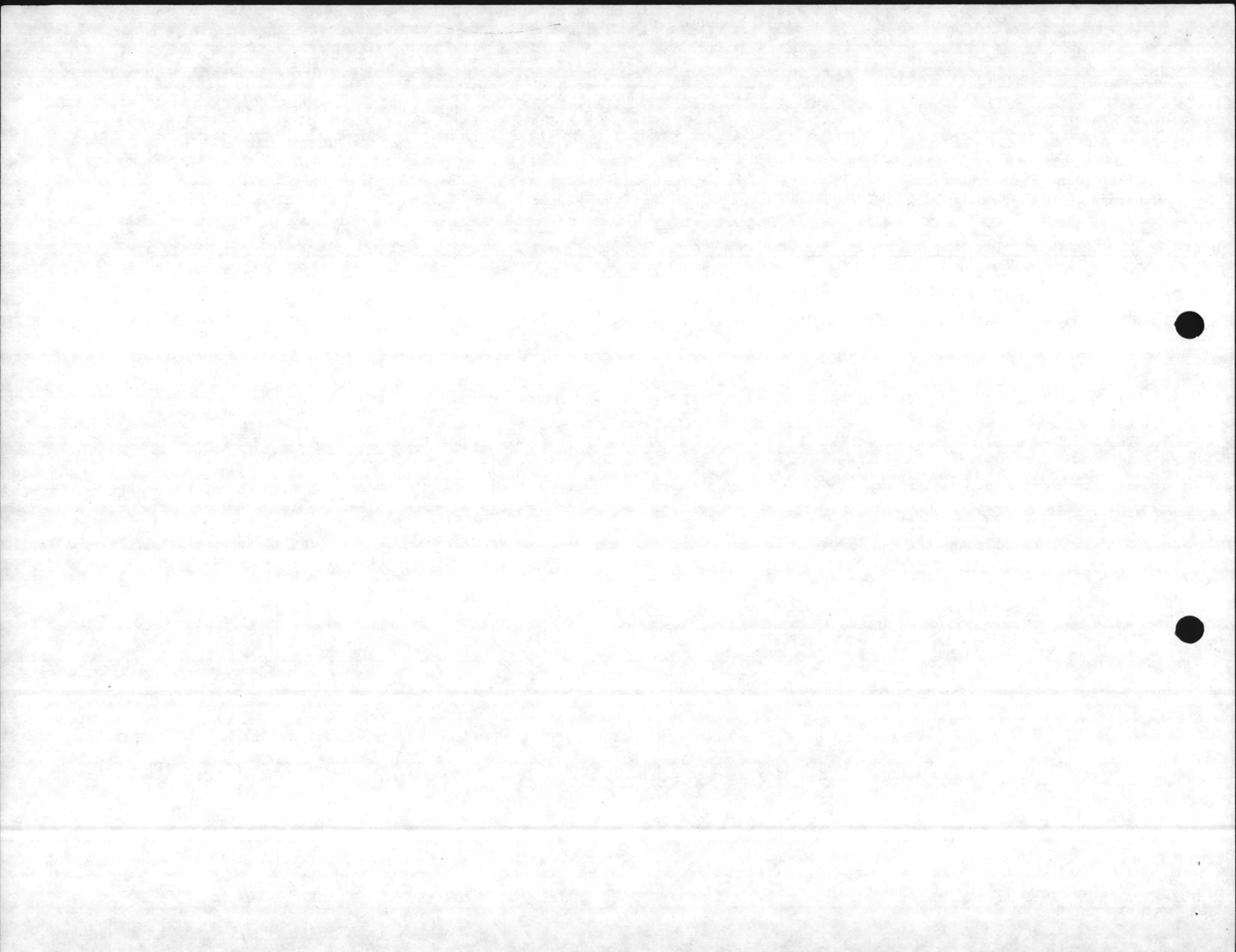
PROJECT TITLE Admin, Mech room area  
Renovate heating, AC and plumbing

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Install central HVAC with air cool condenser hot water heating coil, air handler, wiring, controls. insulated duct work.				42,000		27,000		69,000
Hot water heater tank, hot water heater converter, expansion tank, and associated piping, insulation steam PRV station.				12,000		900		12,900
Condensate and circulating pump potable water piping of copper and insulate.				1,800		650		2,450
All new plumbing fixtures including valves and trim. Lower fire sprinkler heads below drop ceiling.				5,000		7,000		12,000
				6,850		2,218		9,068
				1,000		1,500		2,500
BASIC TOATL PER EACH BUILDING -(x3)				68,650		55,168		123,818



### COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building 1211

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Blanton

CATEGORY CODE NUMBER

PROJECT TITLE

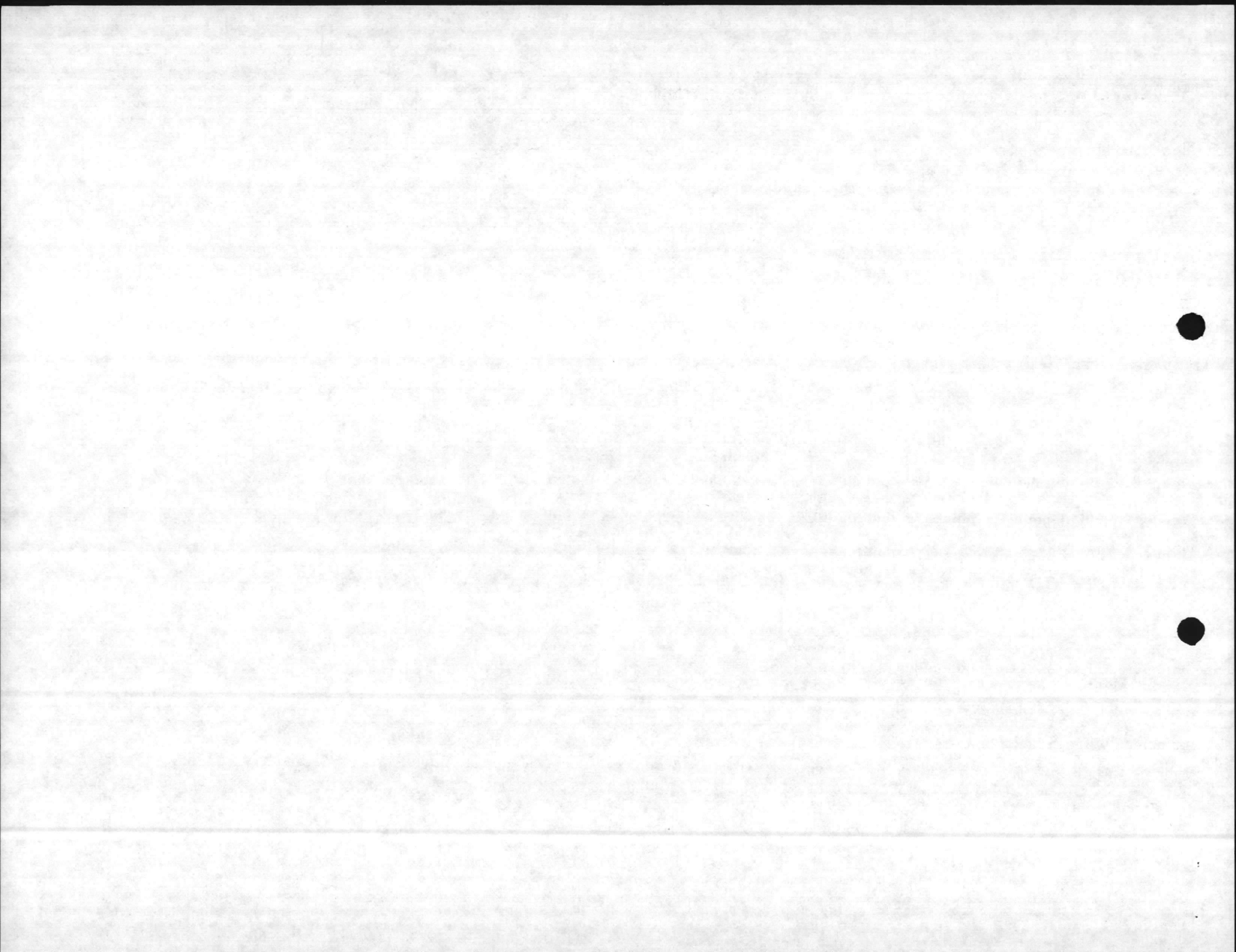
Renovate electrical system in office, heads,  
Storage and stairwells.

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify)

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
(1st deck) Replace and consolidate (2) 200a service into (1) main service equip.				4,000		2,000		6,000
#(1) consist of (1) 200amp 3Ø, (1) 60amp 3Ø disconnect and (1) 200a 3Ø 30ckt panel.								
#(2) consist (1) 200a 3Ø, (2) 100a 3Ø, (1) 60a 3Ø disconnects and (1) 100a 3Ø service (200a 3Ø 40ckt panel) and (1) 100amp 3Ø service (100a 3Ø 30ckt panel. Computer room) Label and bond per NEC.								
Replace all (2) wire ungrounded lighting, switches and receptacles ckts with (3) wire grounded ckts. Rewire complete. Remove all conduit and wire not used. Groun all lights.				15,000		6,000		21,000



### COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building 1211

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Blanton

CATEGORY CODE NUMBER

PROJECT TITLE

Renovate electrical system office, heads,  
storage and stairwells.

STATUS OF DESIGN

PED  30%  100%  FINAL  Other (Specify) \_\_\_\_\_

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
New drop ceiling to be installed. Repair				5,600		3,000		8,600
Existing fluorescent fixtures with new fluorescent fixtures (lay in type)								
Install exit and emg lights as required				2,000		1,000		3,000
Replace front outside entrance light.				150		25		175
TOTAL				26,750		12,025		38,775

