

MECH

NAVFAC 11013/7 (1-78)
Supersedes NAVDOCKS 2417 and 2417A

COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

Building #302

ESTIMATED BY

CATEGORY CODE NUMBER

PROJECT TITLE

Huffman

STATUS OF DESIGN

JOB ORDER NUMBER

Renovate Heating and AC with Central HVAC

PED 30% 100% FINAL Other (Specify) _____

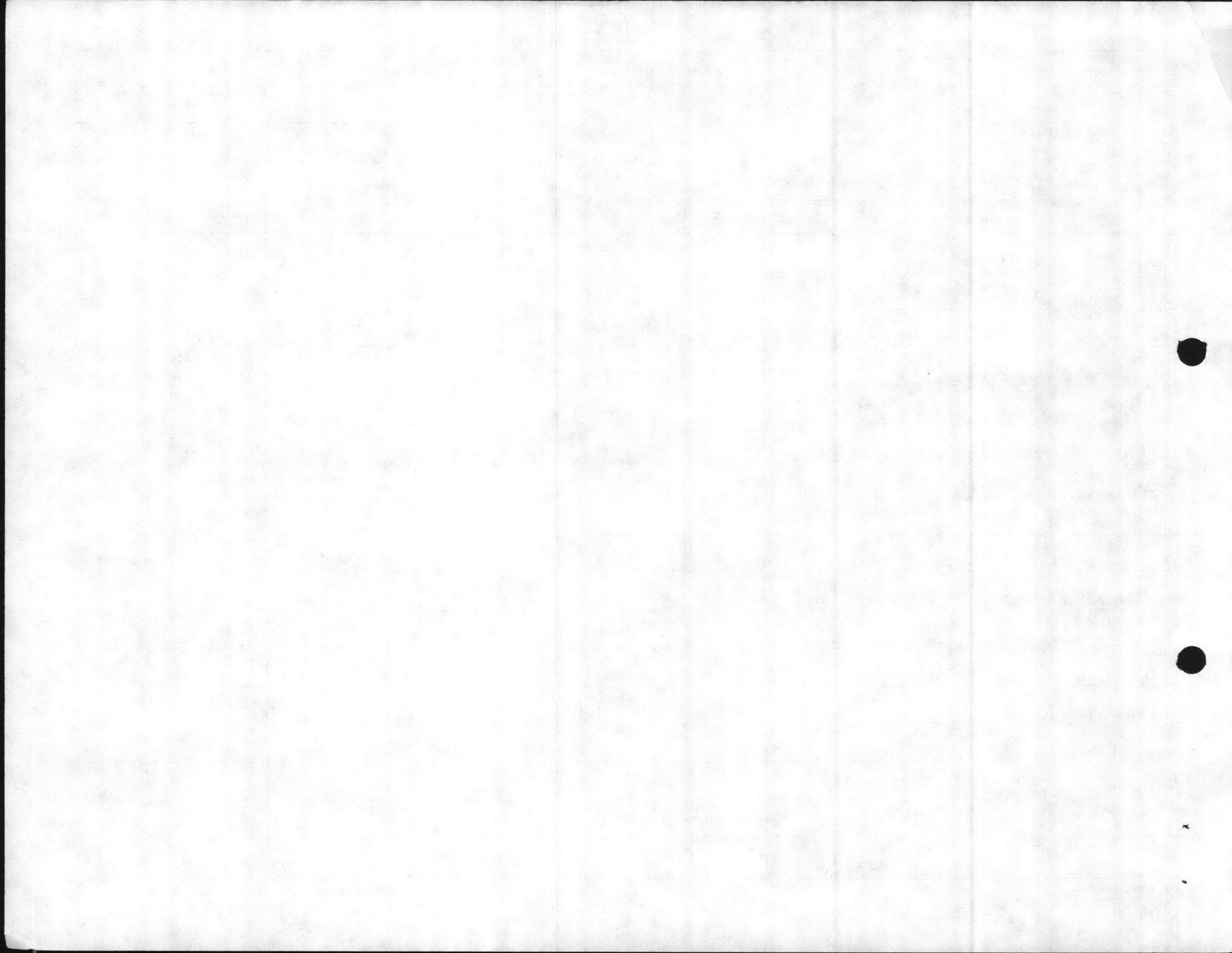
ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Install central HVAC, air handler				1,625		355		1,980
AC Compressor (10ton)				3,875		695		4,570
AC air cooled condensor				1,650		230		1,880
Steam heating coil in AH				2,000		200		2,200
Electric water heater				875		100		975
New plumbing fixtures				1,495		560		2,055
Condensate pump and steam PRV station				1,700		500		2,200
Potable water piping (copper) and insulate				450		950		1,400
Reuse existing duck work								
TOTAL INSTALL				13,670		3,590		17,260
TOTAL DEMO						4,200		4,200
BASIC TOTAL				13,670		7,790		21,460

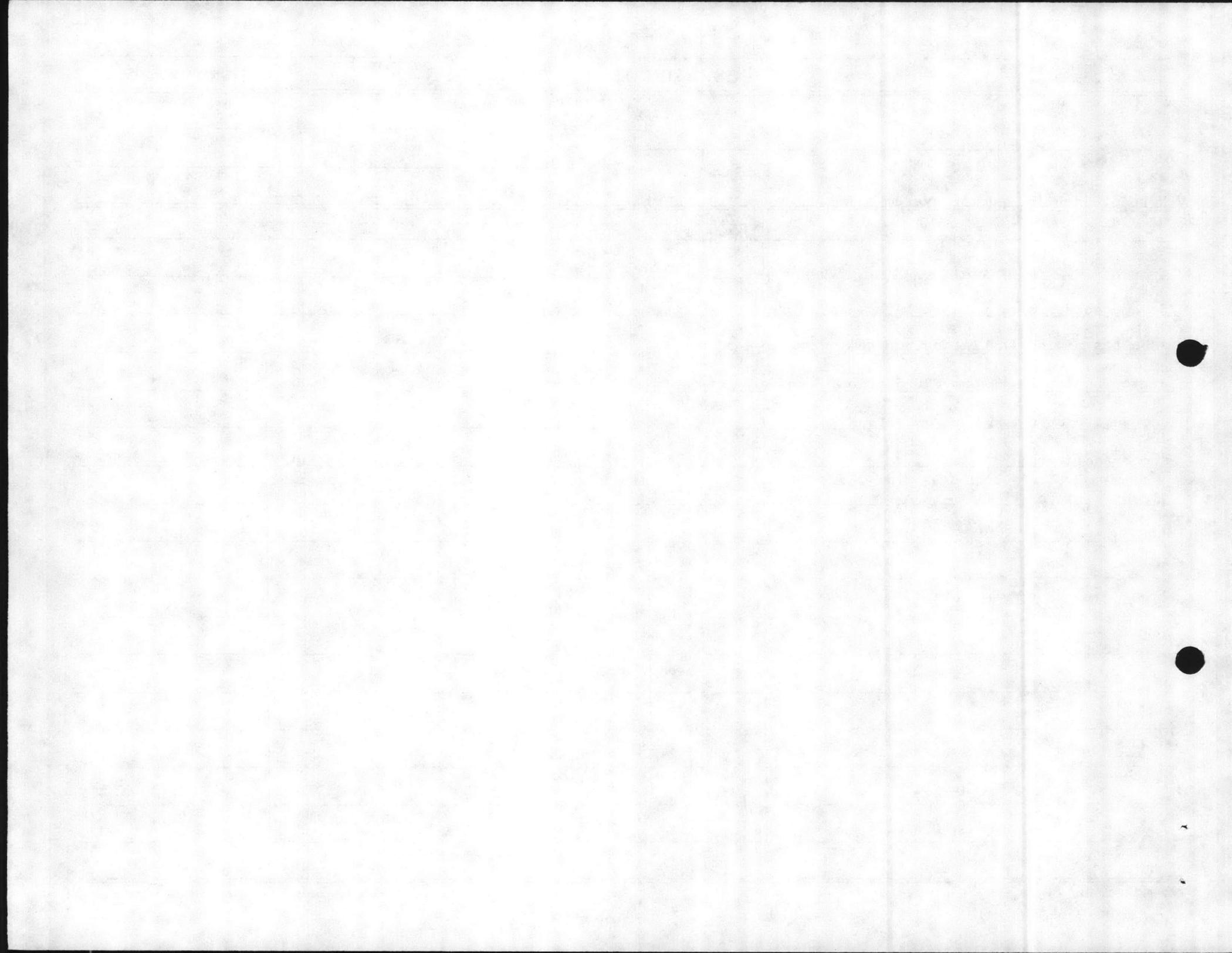


M E C L I

NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	COST ESTIMATE	DATE PREPARED	SHEET OF
ACTIVITY AND LOCATION	CONSTRUCTION CONTRACT NO.		IDENTIFICATION NUMBER
Building # 20 117	ESTIMATED BY Huffman		CATEGORY CODE NUMBER
PROJECT TITLE	STATUS OF DESIGN <input type="checkbox"/> PFD <input type="checkbox"/> 30% <input type="checkbox"/> 100% <input type="checkbox"/> FINAL <input type="checkbox"/> Other (Specify) _____		JOB ORDER NUMBER
Renovate heating and AC with central HVAC			

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Demo Radiators, window AC's,						500		500
Asbestos piping insulation, steam,						2,000		2,000
condensate, potable water, old fire line								
piping, plumbing fixtures,								
contaminated insulation in attic, steam						1,000		1,000
PRU station, steam heat water storage tank,						200		200
condensate pump.								
Install central HVAC with air cool				6,500		9,500		16,000
condenser and steam coil and controls.								
Electric water heater. Condensate pump				1,350		100		1,450
and PRV station potable water (Copper)				1,700		500		2,200
piping and insulation.				450		950		1,400
New plumbing fixtures.				1,360		260		1,620
Attic Insulation				800		1,200		2,000
Basic Total				12,160		16,410		28,570





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Supersedes NAVDOCKS 2417 and 2417A

COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

Building #302

ESTIMATED BY

CATEGORY CODE NUMBER

PROJECT TITLE

Huffman

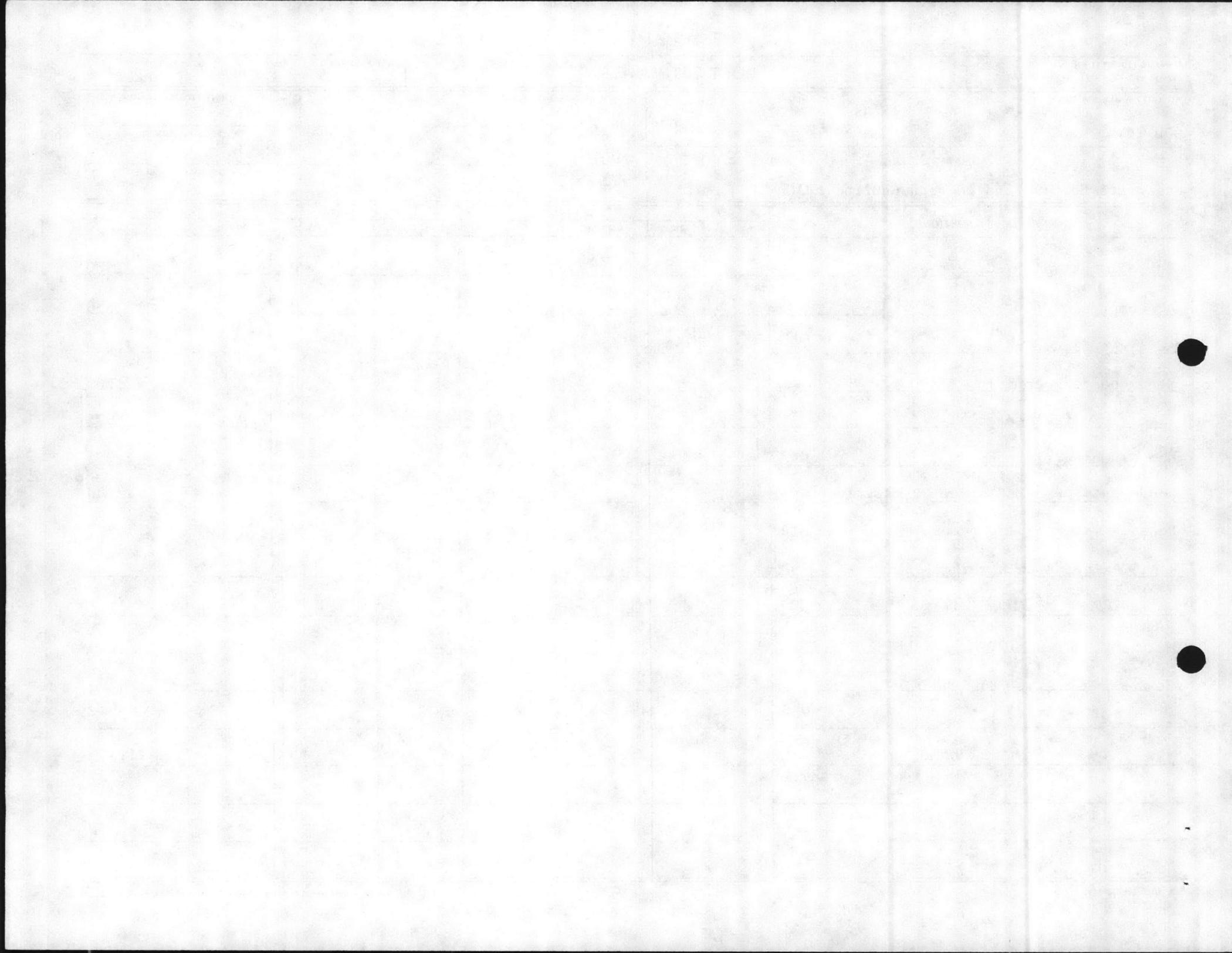
JOB ORDER NUMBER

Renovate Heating and AC with Central HVAC

STATUS OF DESIGN

PED 30% 100% FINAL Other (Specify) _____

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Install central HVAC, air handler				1,625		355		1,980
AC Compressor (10ton)				3,875		695		4,570
AC air cooled condensor				1,650		230		1,880
Steam heating coil in AH				2,000		200		2,200
Electric water heater				875		100		975
New plumbing fixtures				1,495		560		2,055
Condensate pump and steam PRV station				1,700		500		2,200
Potable water piping (copper) and insulate				450		950		1,400
Reuse existing duck work								
TOTAL INSTALL				13,670		3,590		17,260
TOTAL DEMO						4,200		4,200
BASIC TOTAL				13,670		7,790		21,460



MECH

NAVFAC 11013/7 (1-78)
Supersedes NAVDOCKS 2417 and 2417A

COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION
Building #324

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

PROJECT TITLE

ESTIMATED BY

CATEGORY CODE NUMBER

Huffman

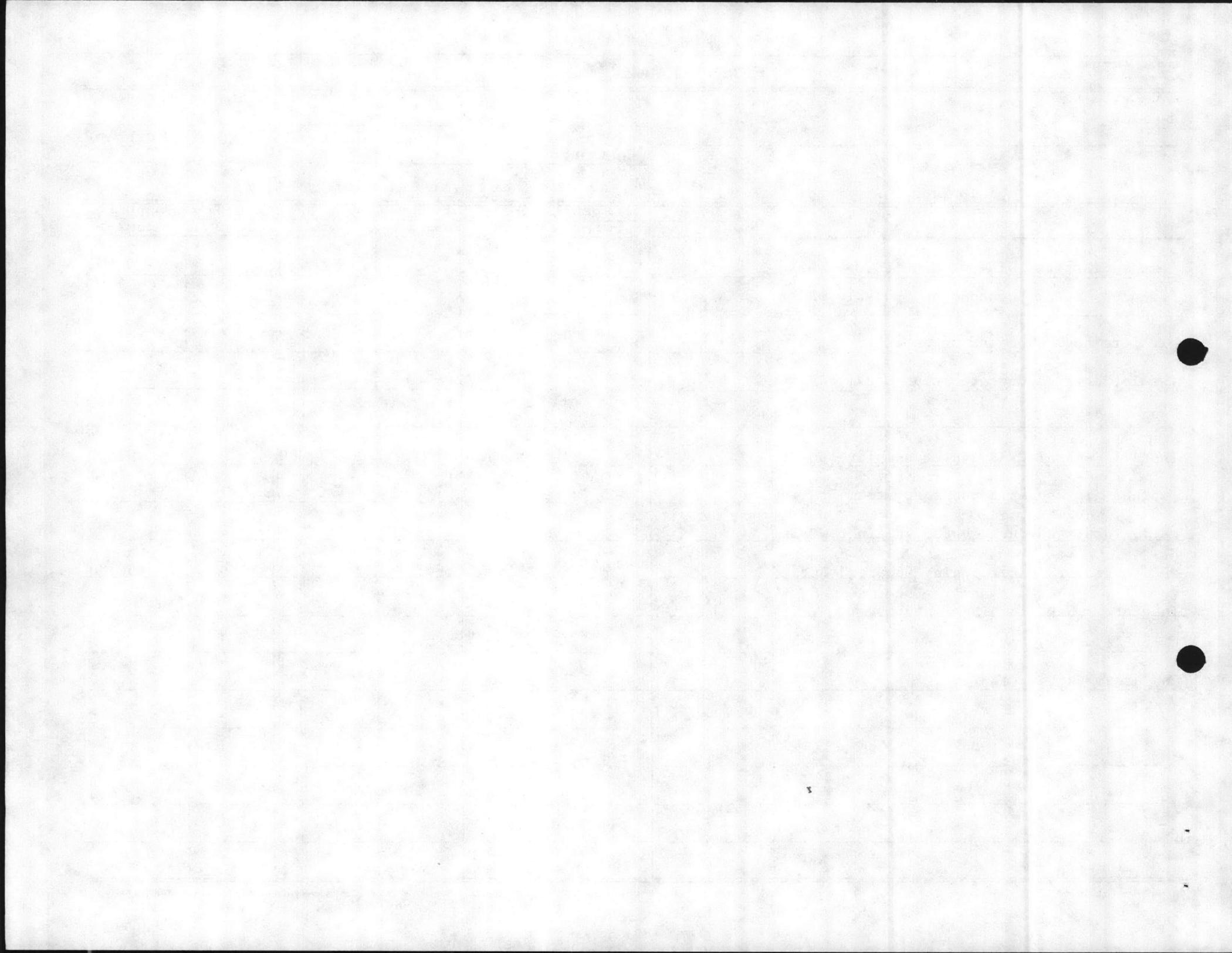
STATUS OF DESIGN

JOB ORDER NUMBER

PED 30% 100% FINAL Other (Specify) _____

Renovate Heating and AC with central HVAC

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Demo radiators, window AC units, plumbing fixtures, steam, condensate, potable water, old fire hose line and asbestos piping insulation. Condensate pump, Steam PRV st.						9,200		9,200
Install Central HVAC system complete to include air cooled condenser, steam heating coil, insulated duct system, piping, wiring and controls. Water piping (copper) and insulate. New plumbing fixtures, Electric water heater. Condensate pump and steam PRV station				9,200		11,300		20,500
				3,400		2,100		5,300
				1,700		500		2,200
BASIC TOTAL				14,300		23,100		37,400



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NAVFAC 11013/7 (1-78)
Supersedes NAVDOCKS 2417 and 2417A

COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

building 344

ESTIMATED BY

CATEGORY CODE NUMBER

PROJECT TITLE

Huffman

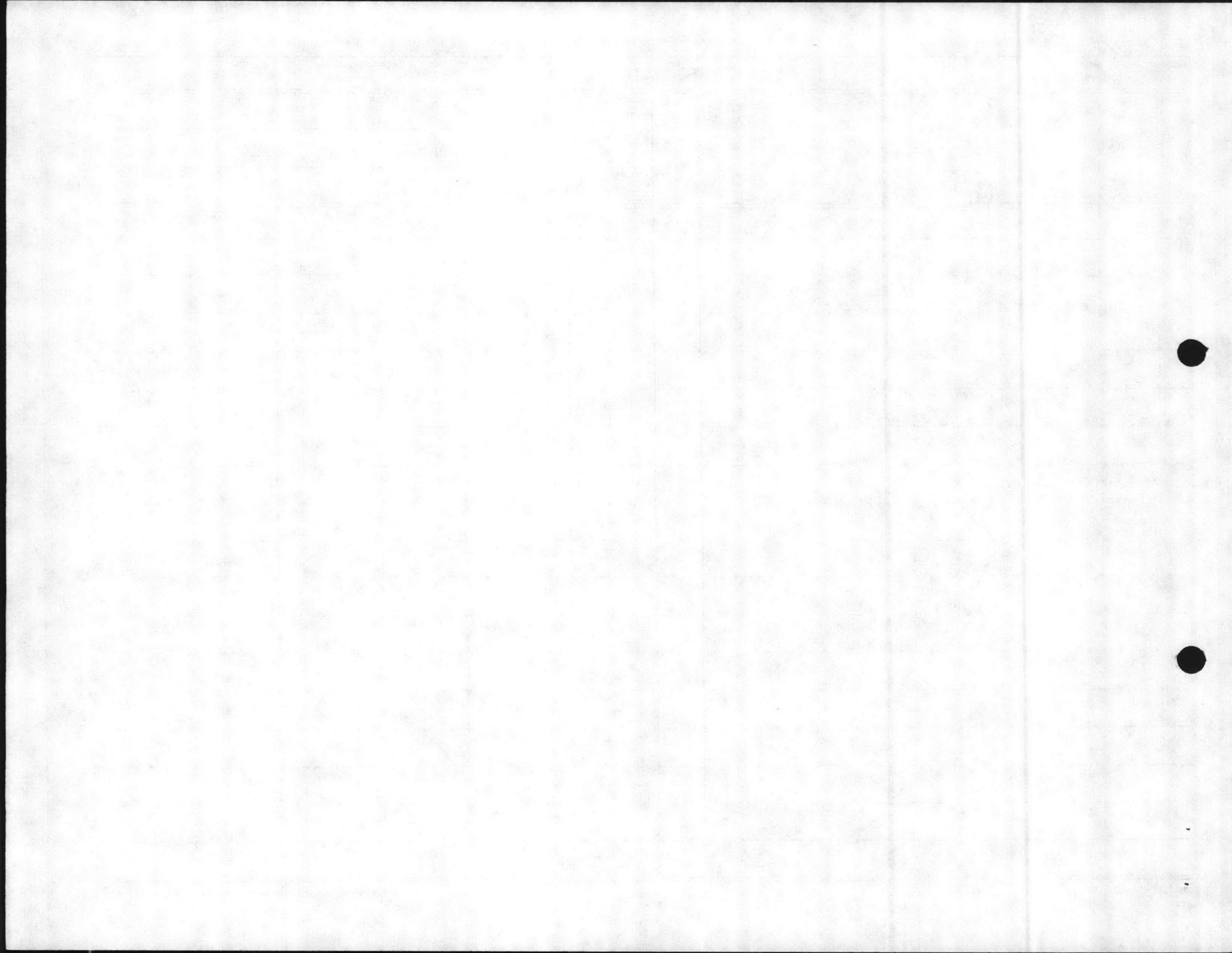
STATUS OF DESIGN

JOB ORDER NUMBER

PED 30% 100% FINAL Other (Specify) _____

Renovate htg and AC with central HVAC

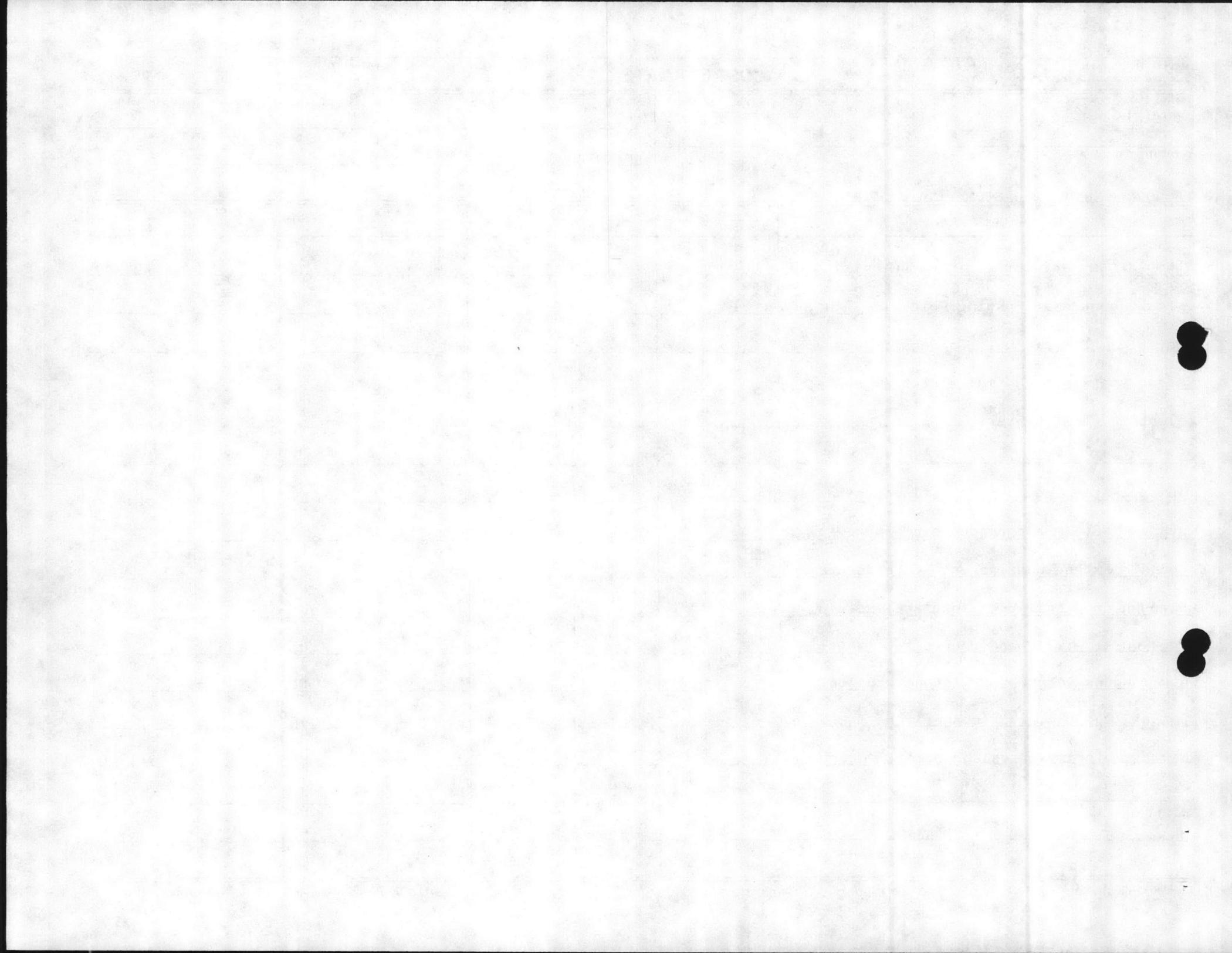
ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Demo oil fired forced air furnace (1) Oil						400		400
(POT) space heater (2) window AC units (4)								
existing duck work								
Install central HVAC with electric heat				6,400		9,600		16,000
pump, air cooled condenser, air handler,								
insulated duck work, wiring and controls.								
Insulate attic area.				750		1,050		1,800
Basic Total				7,150		11,050		18,200



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NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	<h2 style="margin: 0;">COST ESTIMATE</h2>	DATE PREPARED	SHEET OF
ACTIVITY AND LOCATION Building #BB-28	CONSTRUCTION CONTRACT NO.		IDENTIFICATION NUMBER
PROJECT TITLE Renovate Heating system with central	ESTIMATED BY Huffman		CATEGORY CODE NUMBER
	STATUS OF DESIGN <input type="checkbox"/> PED <input type="checkbox"/> 30% <input type="checkbox"/> 100% <input type="checkbox"/> FINAL <input type="checkbox"/> 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 radiators, window AC units, steam, condensate piping, old fire line, potable water piping. Condensate pump, PRV steam station, plumbing fixtures, and electric water heater.						3,100		3,100
Install steam coils to existing central AC system. Steam and condensate piping for coils. Extend heating and AC registers through drop ceiling. Insulate existing duct work, wiring and controls. Install new condensate pump, PRV steam station.				8,000		10,000		18,000
Potable water piping (copper) and insulate.				900		1,775		2,675
New plumbing fixtures and elect. water htr.				3,800		1,000		4,800
BASIC TOTAL				14,400		16,375		30,775



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NAVFAC 11013/7 (1-78)
Supersedes NAVDOCKS 2417 and 2417A

COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

Building # RR-12

ESTIMATED BY

CATEGORY CODE NUMBER

PROJECT TITLE

Huffman

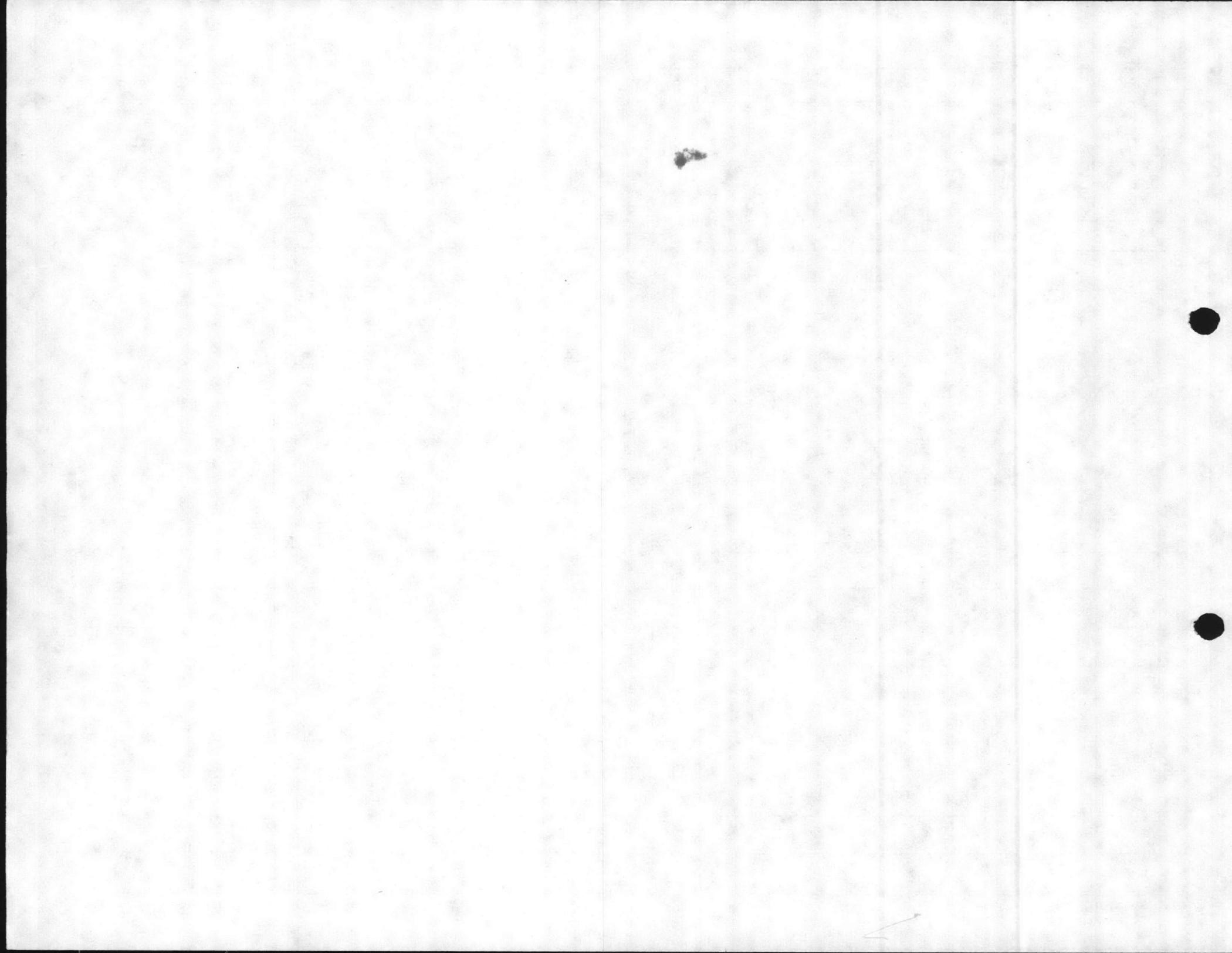
STATUS OF DESIGN

PED 30% 100% FINAL Other (Specify) _____

JOB ORDER NUMBER

Renovate heating and AC system with Central HVAC

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Demo radiators, window AC's, plumbing fixtures, steam condensate, potable water, old fire hose line piping. Water heater tank. asbestos on potable water, old fire line, water storage tank and in steam pit. Condensate pump and steam PRV station.						9,200		9,200
Install central HVAC system complete to include air cooled condenser, steam heating coil, insulated duct system, piping, wiring, and controls. Potable water piping (copper) and insulate. New plumbing fixtures and electric water heater. Condensate pump and new PRV steam station.				9,200		11,300		20,500
				3,400		2,100		5,500
				1,700		500		2,200
BASIC TOTAL				14,300		23,100		37,400



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NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	<h2 style="margin: 0;">COST ESTIMATE</h2>	DATE PREPARED	SHEET OF
ACTIVITY AND LOCATION Building #117	CONSTRUCTION CONTRACT NO.		IDENTIFICATION NUMBER
PROJECT TITLE Renovate electrical system	ESTIMATED BY Blanton		CATEGORY CODE NUMBER
	STATUS OF DESIGN <input type="checkbox"/> PED <input type="checkbox"/> 30% <input type="checkbox"/> 100% <input type="checkbox"/> FINAL <input type="checkbox"/> 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
replace all (2) wire ungrounded lighting, switch and receptacle ckts with (3) wire ground ckts. Replace all lights and receptacles outlets. Ground all lights.				5,000		2,500		7,500
New ceiling to be installed. Replace all existing lights with new fluorescent fixt. Replace all outside incand lights with HPS lights.				3,000		1,500		4,500
Central heat and AC to be installed. Remove old black out box and service equipment. Consolidate into (1) main service panel. Consolidate all disconnects and panels. Relocate disconnect & line starter for condensate pump to plt. Install switch, light and 120v outlet in plt. label, bond				3,000		1,500		4,500



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ACTIVITY AND LOCATION Building #117 (CONT.)	CONSTRUCTION CONTRACT NO.	IDENTIFICATION NUMBER
PROJECT TITLE Renovate electrical system	ESTIMATED BY Blanton	CATEGORY CODE NUMBER
	STATUS OF DESIGN <input type="checkbox"/> PED <input type="checkbox"/> 30% <input type="checkbox"/> 100% <input type="checkbox"/> FINAL <input type="checkbox"/> 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
and ground equipment per nec. Reconnect power to building #117A.								
Replace 3Ø disconnect and 3Ø line starter and rewire complete. Conensate pump. Run new ckts.				400		200		600
Wire for new electric hot water heater.				150		75		225
Install lights and duplex receptcale in steam plt. Reconnect power to building #117A.				250		100		350
Install exit & emerg. lights as required				675		300		975
Repair all damage to bldg caused by renov.				300		300		600
TOTAL				12,725		6,475		19,200

