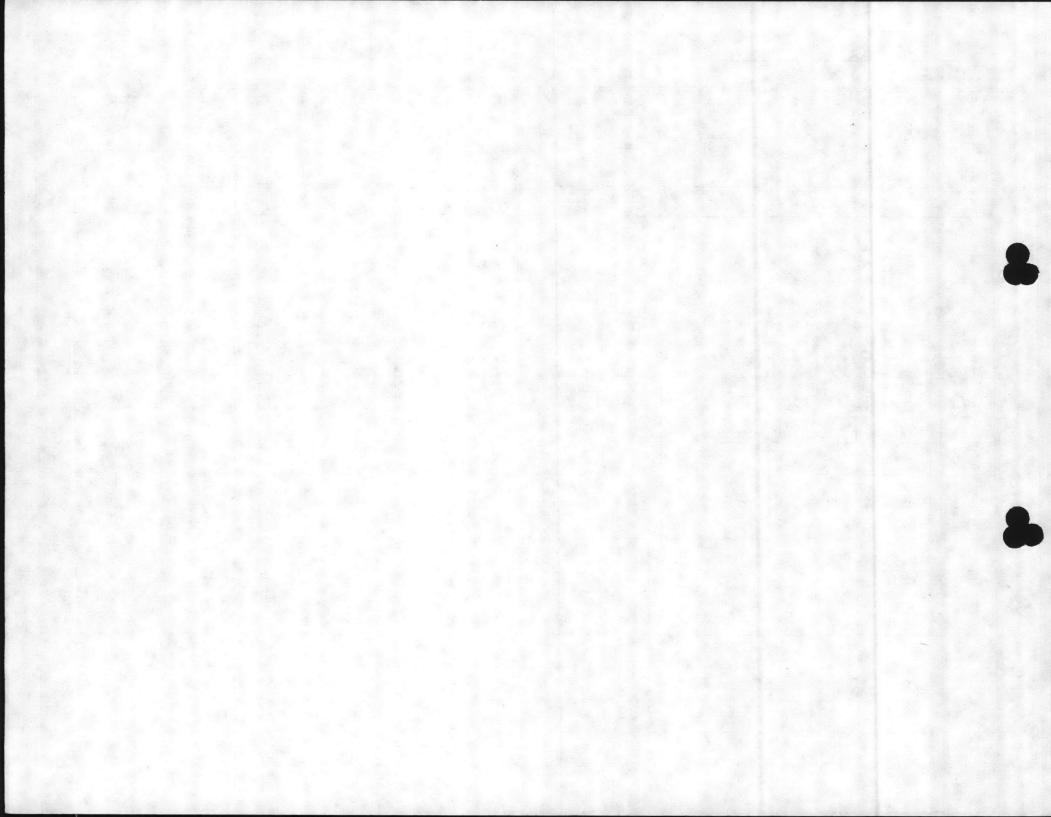
		V	necl					109
NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	COST	ESTIM	ATE		DA	TE PREPARED	SHEET	OF
ACTIVITY AND LOCATION			CONSTRUCTION	IDENTIFICA	ATION NUMBER			
Building #302			ESTIMATED BY	2 F. 198		TREASE SET	CATEGORY	CODE NUMBER
PROJECT TITLE	*		Huffman STATUS OF DESIG				JOB ORDER	NUMBER
Renovate Heating and AC with Central HVAC	QUANT			IAL COST		BOR COST	ENGINEERI	NG ESTIMATE
ITEM DESCRIPTION	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Install central HVAC, air handler				1,625		355		1,980
C Compressor (10ton)				3,875		695		4,570
AC air cooled condensor		1		1,650		230		1,880
Steam heating coil in AH				2,000		200	See Street	2,200
Electric water heater				875		100		975
New plumbing fixtures			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1,495		560		2,055
Condensate pump and steam PRV station		1.286.14 1.199		1,700		500		· 2,200
Potable water piping (copper) and insulate		1.1		450		950	1	1,400
Reuse existing duck work						1		
TOTAL INSTALL '	4			13,670	1.000	3,590		17,260
TOTAL DEMO						4,200		4,200
BASIC TOTAL				13,670		7,790		21,460
				laine a		•		
	6.90	1. Car					1	

\$U. S. Government Printing Office: 1981-505-106/7227 2-1



1/10	1-1
111	ECLI

NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A		COST E	STIM	ATE		DAT	E PREPARED	SHEET	OF		
ACTIVITY AND LOCATION				CONSTRUCTION	CONTRACT NO.			IDENTIFIC	ATION NUMBER		
Building #2 1/7	A Store of the Male of the Store		15.20	ESTIMATED BY CATEGORY COL							
PROJECT TITLE		ALC: NOT	1. 19	Huffma		Ster Lui T	1. 1. 1. N.				
Renovate heating and Ad	C with central HVAC			STATUS OF DES		FINAL OI	ner (Specity)	JOB ORDER	NUMBER		
ITEM DESCR	IPTION	QUANTITY NUMBER UNIT		MATE UNIT COST	RIAL COST	LAB UNIT COST	OR COST TOTAL	ENGINEERI UNIT COST	NG ESTIMATE TOTAL		
Demo Radiators, window	AC's,						500		500		
Asbestos piping insulat	tion, steam,					a the	2,000		2,000		
condensate, potable wat	er, old fire line	o a				Carlor and a					
piping, plumbing fixtur	ces,										
contaminated insulation	n in attic, steam			Sec. 10			1,000		1,000		
RRUistation, steam heat	water storage tank,						200		200		
condensate_pump.		1		r			No Berlin	n heat the			
Install central HVAC wi	th air cool				6,500	·	9,500		16,000		
condenser and steam coi	l and controls.	el inder			1 1			•			
Electric water heater.	Condensate pump				1,350		100		1,450		
and PRV station potable	water (Copper)			and the second	1,700		500	•	2,200		
piping and insulation.					450	•	950	New York	1,400		
New plumbing fixtures.					1,360		260	24-9	1,620		
Attic Insulation					800		1,200		2,000		
				and Brazar							
	Basic Total				12,160		116,410	A STATE OF STATE	28,570		

6. ¹⁹ 20

S/N 0105-LF-010-1335

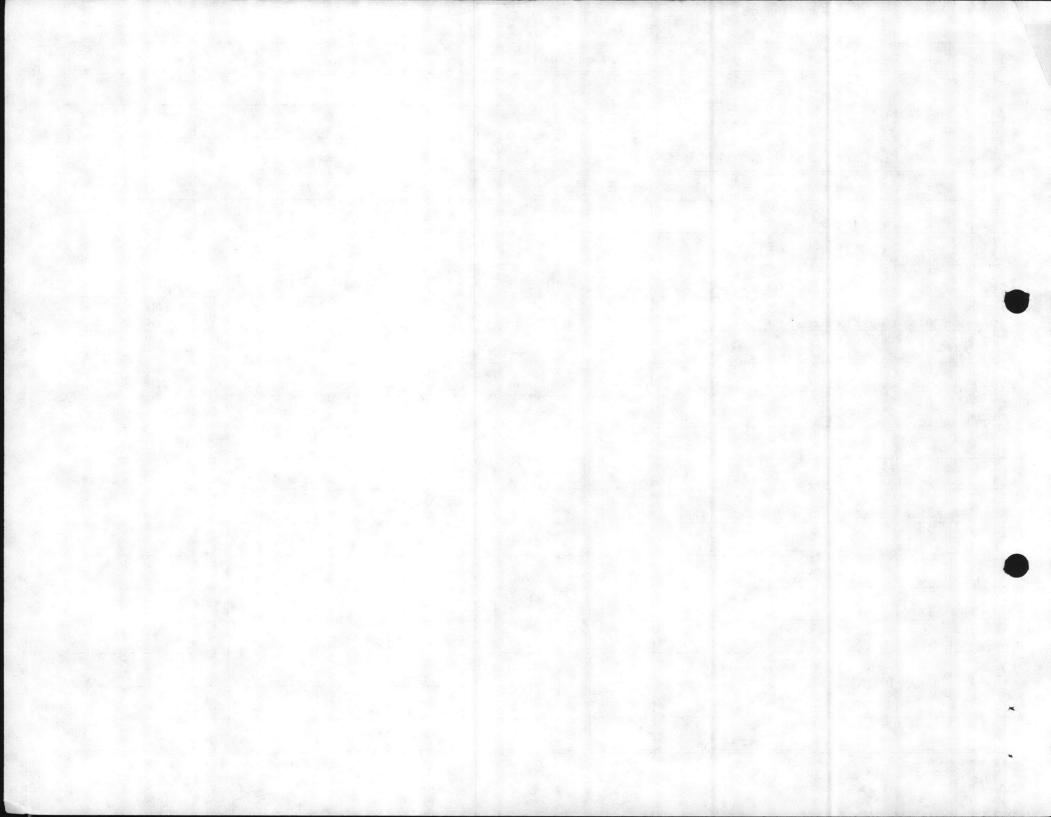
9.

3

2U. S. Government Printing Office: 1981-505-106/7227 2-1

.

. 2028-2029



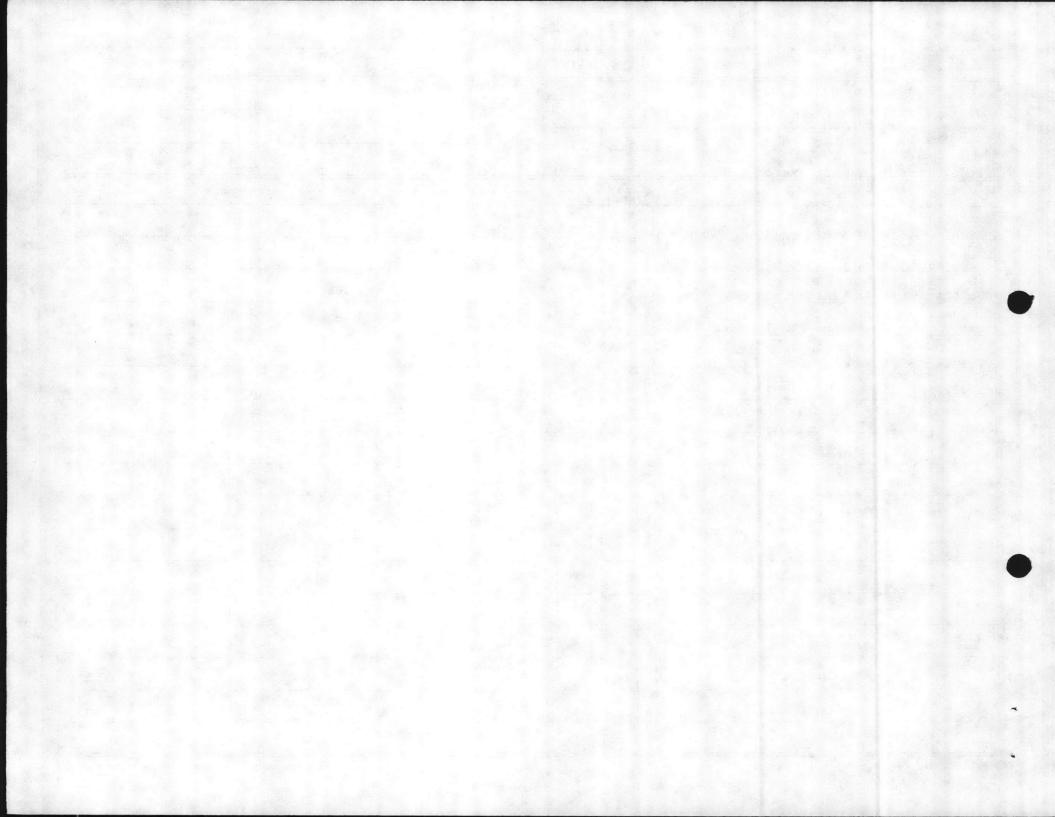
NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	COST	STIM	ATE	•	DAT	E PREPARED	SHEET	OF
ACTIVITY AND LOCATION			CONSTRUCTION	CONTRACT NO.	IDENTIFICATION NUMBER			
Building 302			ESTIMATED BY			CATEGORY CODE NUMBER		
ROJECT TITLE Renovate heating and AC system			Huffma STATUS OF DESIC PED 3		FINAL OU	ner (Specify)	JOB ORDER NUMBER	
ITEM DESCRIPTION	QUANT		and the second se	IAL COST		OR COST		NG ESTIMATE
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Demo AC compressors, air handler, condenser				<u></u>		250	- Adam	25(
Steam, condensate, potable water piping and			1			2,000		2,000
asbestos piping insulation, contaminated					Real and			
attic insulation, steam PRV Station,	•••			4	233,439	1,000	1.451	1,00
condensate pump and hot water tank						200	A. Ster	20
steam radiators,			·			500		50
Plumbing fixtures			1			250		. 25
							and the second second	
	Provinciale de la composición de la com Composición de la composición de la comp		Ref. in a		and the starter			
			and the	n think				
			· · · · ·					
	•	- 15%						
	•					and the second		
	en e			•				

4. W. A.

S/N 0105-LF-010-1335

\$U. S. Government Printing Office: 1881-505-106/7227 2-1

A Sec. 5



1					1
V	1	5	1		Ι.
1	νι	0	6	-	Л

NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	COST	ESTIM	ATE	2	DATE	PREPARED	SHEET	OF		
ACTIVITY AND LOCATION			CONSTRUCTION	IDENTIF	ICATION NUMBER					
Building #302			ESTIMATED BY CATEGORY CODE NUMBE							
PROJECT TITLE		140	Huffman	Chi	1 100 000	JOB ORDER NUMBER				
Renovate Heating and AC with Central HVAC			STATUS OF DESI	30% 100%	FINAL Othe	r (Specify)	JOB ORD	,		
ITEM DESCRIPTION			MATE UNIT COST	TOTAL	LABO UNIT COST	TOTAL	ENGINEE UNIT COST	TOTAL		
	NOMBER	UNIT	DIVITCOST	IUTAL	UNIT COST	TOTAL	UNITCOST			
Install central HVAC, air handler				1,625		355		1,980		
AC Compressor (10ton)				3,875				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 \cdot			, i i	1,700		500		2,200		
Potable water piping (copper) and insulate				450		950	Sec. 1	1,400		
Reuse existing duck work		1.00	and Barre		in it for		and the			
TOTAL INSTALL				13,670		3,590		17,260		
TOTAL DEMO						4,200		4,200		
					•		in the			
BASIC TOTAL				13,670		7,790		21,460		
					and the second	新一般 成了		and the state		

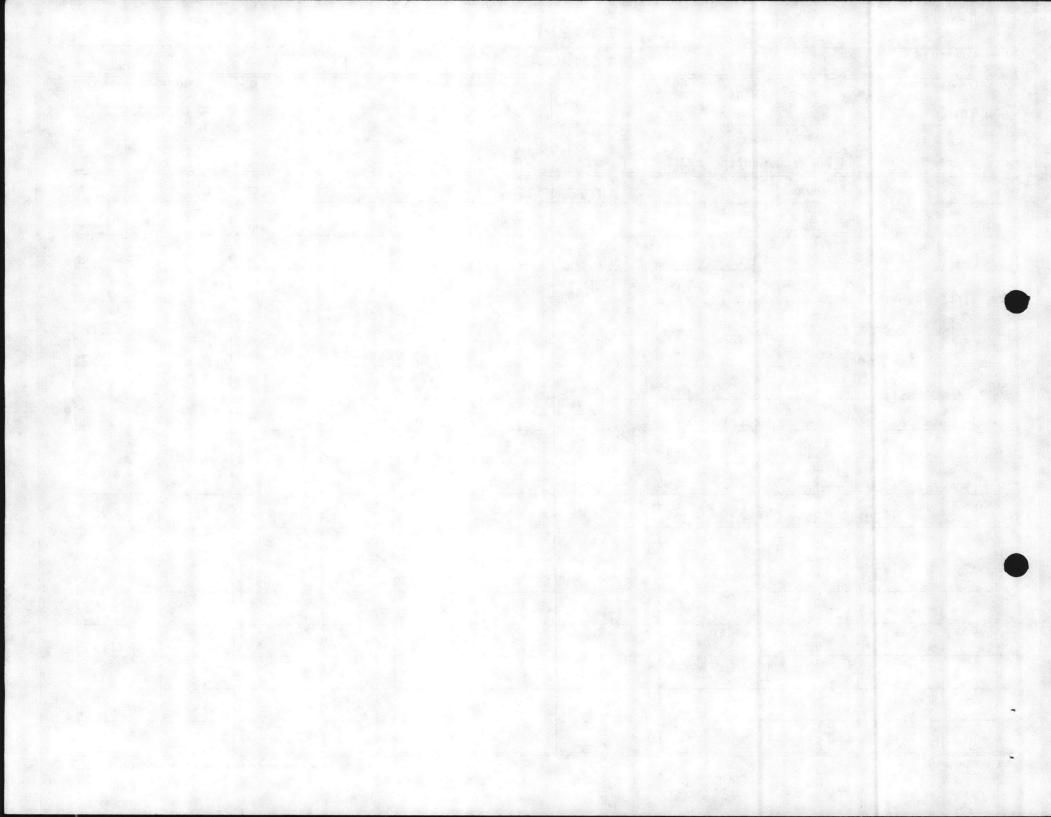
S PARSAN

S/N 0105-LF-010-1335

AU. S. Government Printing Office: 1981-505-106/7227 2-1

Sec. Bar

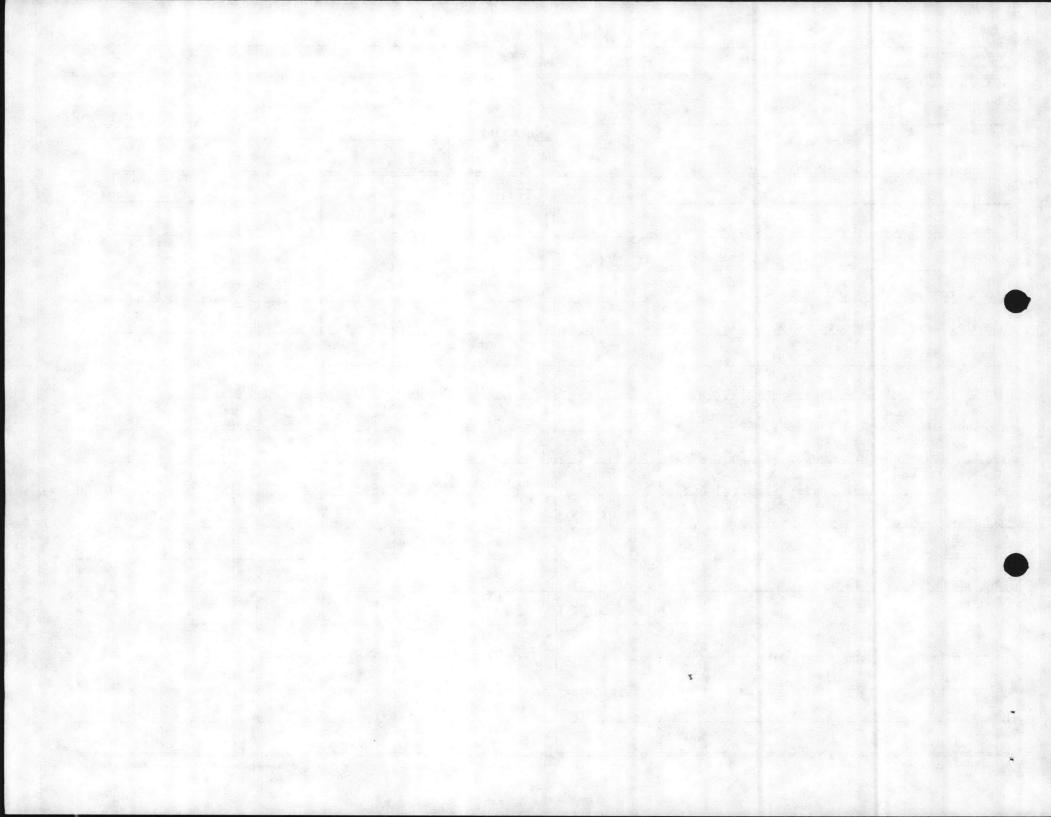
101223-4.



NAVFAC 11013/7 (1-78)		COST	ECTIM	ATE			DATE PREPARED		SHEET	OF	
Supersedes NAVDOCKS 2417 and 2417A		COSTI	231114		CONTRACT NO		1	er Fakter ander andere a		CATION NUMBER	
Building #324											
				ESTIMATED BY					CATEGORY CODE NUMBER		
PROJECT TITLE		Huffman STATUS OF DESIGN							JOB ORDE		
Renvoate Heating and A	C with central HVAC				0% 🗌 100% 🗌	FINAL	Other (Specify)	-		
ITEM DESC		QUANT		MATER UNIT COST	TOTAL	UNITC	LABOR	COST TOTAL	ENGINEER UNIT COST	ING ESTIMATE	
		NUMBER	UNIT	UNITCOST	TOTAL			IUIAL	UNITCOST	TOTAL	
Demo radiartors, windo	w AC units, plumbing		ding.					9,200		9,200	
fixtures, steam, conde	nsate, potable water,	12 34		maria.				and the second second			
old fire hose line and	asbestos piping										
insulation. Condensat	e pump, Steam PRV st.	•				1.8					
					and series						
Install Certral HVAC s	ystem complete to				9,200			11,300	and the second	20,500	
include air cooled con	denser, steam heating			:		1999 1997 1997 1997 1997 1997 1997 1997					
coil, insulated duck s	ystem, piping, wiring										
and controls. Water p	iping (copper) and				3,400		•	27100		5,300	
insulate. New plumbin	g fixtures.		1.100		the state of the second		in the second	Constant P	1 2	18.4	
Electric water heater.	Condensate pump										
and steam PRV station		•		Same Ma	1,700			500		2,200	
				Nr.		46					
	BASIC TOTAL	<u></u>			14,300			23,100		37,400	
							110.12	and the second	1000 C	1	

S/N 0105-LF-010-1335

AU. S. Government Printing Office: 1981-505-106/7227 2-1



		1
11/2	Gr	ih.
100		

NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	COST	ESTIN	IATE			DAT	E PREPARED	SHEET	OF
ACTIVITY AND LOCATION			CONSTRUCTION	CONTRA	ACT NO.			IDENTIF	CATION NUMBER
building 344			ESTIMATED BY	CATEGO	CATEGORY CODE NUMBER				
PROJECT TITLE			Huffman						
			STATUS OF DES					JOB ORD	
Renovate htg and AC with central HVAC			PED	30%	100%	FINAL O	her (Specify)		· · · · · · · · · ·
	QUANT	ITY	MATE	RIAL CO	DST	LA	BOR COST	ENGINEE	RING ESTIMATE
ITEM DESCRIPTION	NUMBER	UNIT	UNIT COST		OTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Demo oil fired forced air furnace (1) Oil							400		400
(POT) space heater (2) window AC units (4)								C.C.	·
existing duck work								Sec.	
	are the second							Service -	
Install centeral HVAC with electric heat				1	6,400		9,600		16,00
pump, air cooled condenser, air handler,									
insulated duck work, wiring and controls.									and the second
Insulate attic area.				····	• 750		1,050		1,80
		120					1	27 1913	1.5.1.5.1
		- the side of					•		
Basic Total					7,150		11,050		18,20
									•
							i degenisione		
							and the second second	Section 2.5	
								a series	

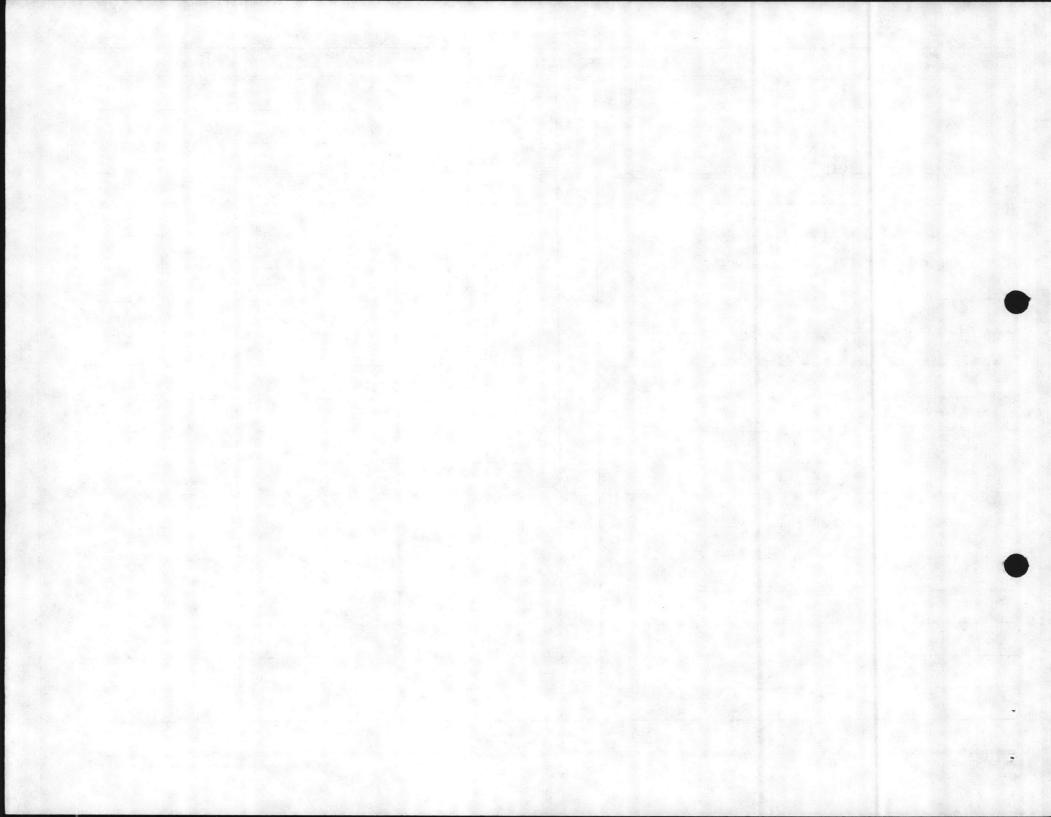
1

S/N 0105-LF-010-1335

. .

RU. S. Government Printing Office: 1981-505-106/7227 2-1

14.2.22



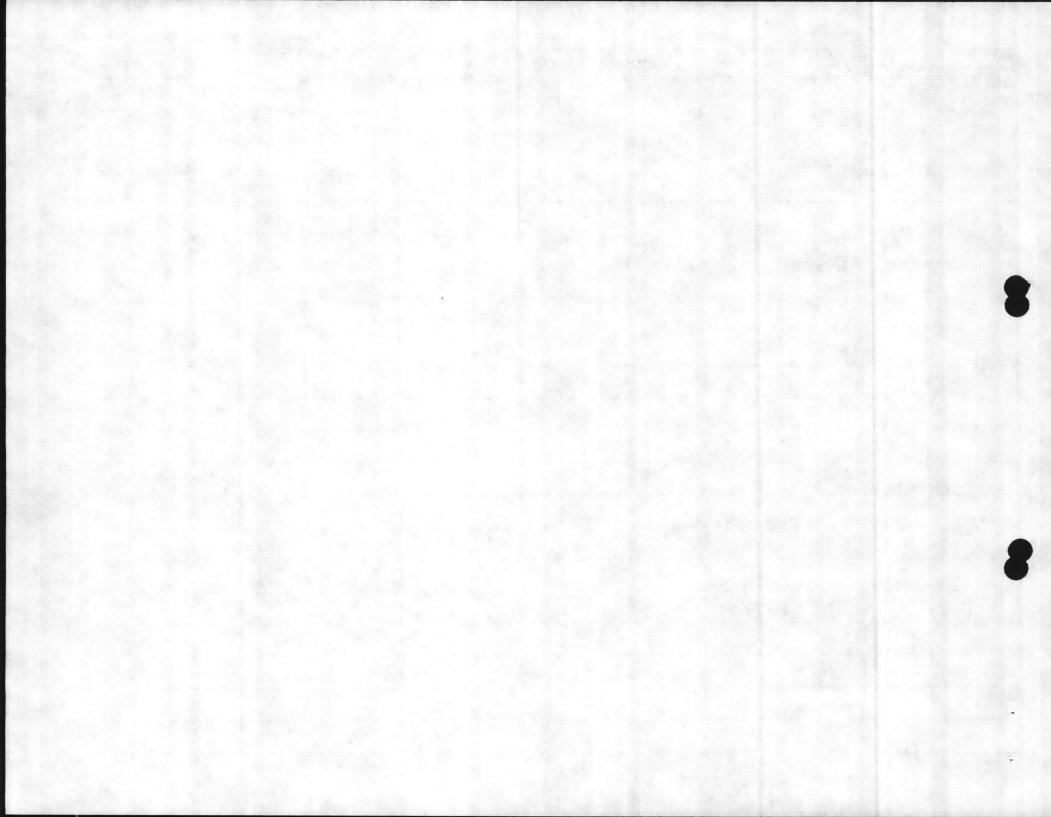
NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	COST	ESTIM	ATE		DATE	PREPARED	SHEET	OF
		· · · · · · ·	CONSTRUCTION C	ONTRACT NO.	IDENTIFICA	TION NUMBER		
Building #BB-28			ESTIMATED BY	· · · · · · · · · · · · · · · · · · ·			CATEGORY	CODE NUMBER
PROJECT TITLE		1.	Huffman					Part of the second s
Renovate Heating system with central			STATUS OF DESIG		FINAL Oth	er (Specify)	JOB ORDER	NUMBER .
ITEM DESCRIPTION	<u>QUANTITY</u> MATERIAL COST NUMBER UNIT UNIT COST TOTAL UNIT				LABO UNIT COST	TOTAL	ENGINEERIN UNIT COST	NG ESTIMATE
Dome store welling to be to							Shiri Cost	ales
Demo steam radiators, window AC units,	194974 - 1949 194974					3,100		3,100
steam, condensate piping, old fire line,								<u>.</u>
otable water piping. Condensate pump, PRV		1.12			10 1 123			
steam station, plumbing fixtures, and		N. N.		<u>1. 197 (197)</u>				
electric water heater.								
Install steam coils to existing central AC				8,000		10,000		18,000
system. Steam and condensate piping for								
coils. Extend heating and AC registers					THE REAL		1.00	
through drop ceiling. Insulate existing		123				•	•	an a
luck work, wiring and controls. Install	÷				「「「「」			
new condensate pump, PRV steam station.				1,700		500		2,200
Potable water piping (copper) and insulate.				900	•	1,775		2,675
New plumbing fixtures and elect, water htr.				3,800		1,000		4,800
	n tilte pa		• • • • •	. ` • •	sie barrie			
- BASIC TOTAL			- the state of the second	14,400		16,375	12-21-1	

S7N 0105-LF-010-1335

AU. S. Government Printing Office: 1981-508-106/7227 2-1

5.1.4.98

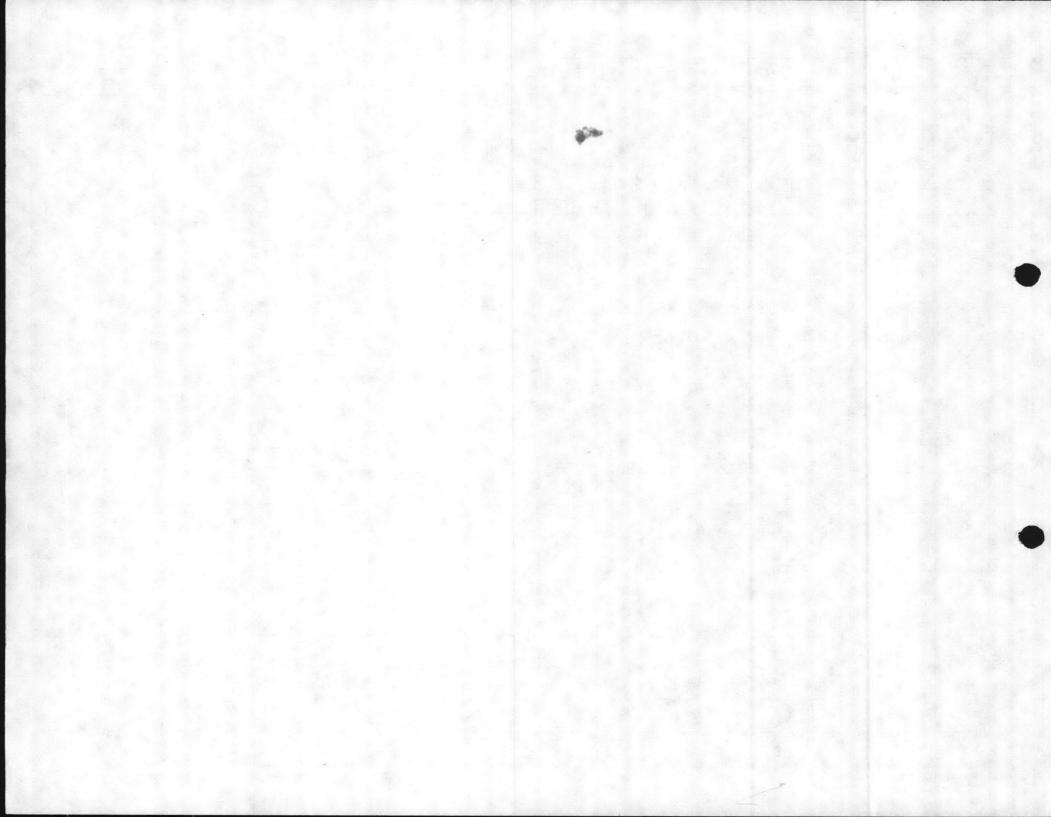
A. 1945



Mech.

NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A		COST	ESTIM	ATE		DATE	PREPARED	SHEET	OF
ACTIVITY AND LOCATION				CONSTRUCTION	CONTRACT NO.			IDENTIFIC	CATION NUMBER
Building # RR-12		<u></u>	-	ESTIMATED BY Huffman	<u>a</u> 75	S. A.		CATEGOR	Y CODE NUMBER
Renovate heating and A	C system with Central	HVAC			JOB ORDE	R NUMBER			
ITEM DESC		QUANT		MATER UNIT COST	IAL COST		TOTAL	ENGINEER UNIT COST	ING ESTIMATE
Demo radiators, window	AC's, plumbing	NUMBER	UNIT	UNITCOST	TOTAL	UNIT COST	9,200	UNIT COST	9,200
fixtures, steam conder	asate, potable water,	•					•		
old fire hose line pip	oing. Water heater								1.00
tank. asbestos on pot	able water, old fire								
line, water storage ta	ink and in steam pit.								
Condensate pump and st	eam PRV station.								
	•							1	
Install central HVAC s	ystem complete to	<u> </u>			9,200		11,300		20,500
include air cooled con	denser, steam heating					•			12 12 1
coil, insulated duck s	ystem, piping, wiring	•						•	
and controls. Potable	water piping (copper)			3,400		2,100	4	5,500
and insulate. New plu	mbing fixtures and					•			
electric water heater.	Condensate pump and				1,700		500		2,200
new PRV steam station.									
								1.00	
	BASIC TOTAL				14,300		23,100		37,400
	and the second								

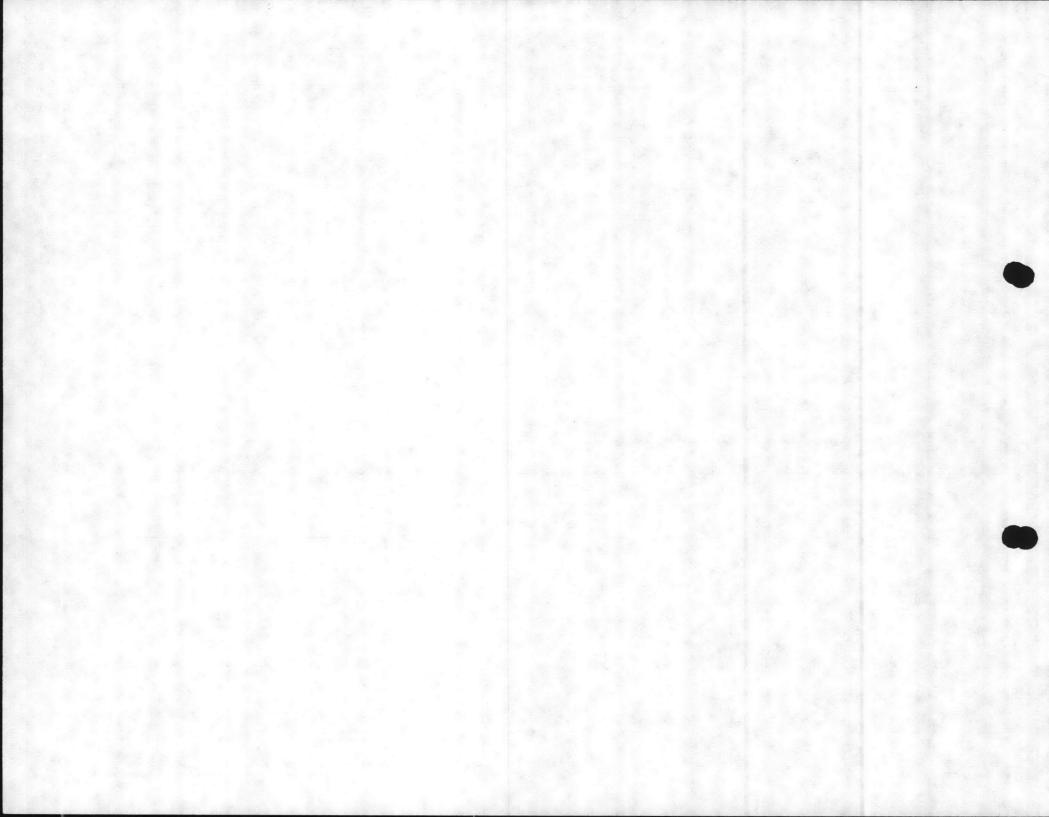
AU. S. Government Printing Office: 1981-505-106/7227 2-1



ELEC.

NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A	COST ESTIMATE DATE PREPARED							OF
ACTIVITY AND LOCATION			CONSTRUCTION C	ONTRACT NO.	and the second	in an an tardan an A	IDENTIFIC	CATION NUMBER
Building #117			ESTIMATED BY		CATEGOR	Y CODE NUMBER		
PROJECT TITLE Renovate electrical system	ing .		Blanton STATUS OF DESIG		JOB ORDE	JOB ORDER NUMBER		
	QUANT	ITY	MATER	IAL COST	LABO	R COST	ENGINEER	ING ESTIMATE
ITEM DESCRIPTION	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
replace all (2) wire ungrounded lighting,				5,000		2,500		7,500
witch and receptacle ckts with (3) wire								
ground ckts. Replace all lights and recep-	·			14 8 M				
tacles outlets. Ground all lights.								12.98
New ceiling to be installed. Replace all				3,000		1,500		4,500
existing lights with new fluorescent fixt.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	- 14 - 14		ha na ga				
Replace all outside incand lights with							Ng Neg	
HPS lights.				•				
Cenrtal heat and AC to be installed. Remov	e			3,000	· · ·	1,500		4,500
old black out box and service equipment.				1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 -				
Consolidate into (1) main service panel.	8 · *						1. 19	W.
Consolidate all disconnects and panels.					1.1.2 Ku			
Relocate disconnect & line starter for								
condensate pump to plt. Install switch,							A State	
light and 120v outlet in plt. label, bond						S. Government Print	1	

RU. S. Government Printing Office: 1981-505-106/7227 2-1



ELEC

NAVFAC 11013/7 (1-78) Supersedes NAVDOCKS 2417 and 2417A			IATE DATE PREPARED				SHEET	SHEET OF	
ACTIVITY AND LOCATION Building #117 (CONT.)			CONSTRUCTION CONTRACT NO.					IDENTIFICATION NUMBER	
			ESTIMATED BY				CATEGORY	CATEGORY CODE NUMBER	
PROJECT TITLE			Blanton					JOB ORDER NUMBER	
				STATUS OF DESIGN PED 30% 100% FINAL Other (Specify)					
Renovate electrical system	1	an a					the second s		
ITEM DESCRIPTION		QUANTITY NUMBER UNIT		MATERIAL COST UNIT COST TOTAL		LABOR COST UNIT COST TOTAL		ENGINEERING ESTIMATE	
		NUMBER	UNIT	UNIT COST	TOTAL	Citricost	TOTAL	UNIT COST	IGIAL
and ground equipment per n	ec. Reconnect		-	100				1	
power to building #117A.									<u> </u>
				-					like and
Replace 30 disconnect and 30 line starter and rewire complete. Conensate pump.					400		200	1	600
							· ·	1.11.1	
Run new ckts.									
	•								
Wire for new electric hot	water heater.				. 150		75		225
		nda th					÷	1215	
Install lights and duplex	receptcale in				250		. 100	•	350
steam plt. Reconnect powe	r to building				- Aller				
_#117A									
				Prost Prost					
<u>Install exit & emerg. ligh</u>	ts as required			•	675		300		975
Repair all damage to bldg	caused by renov.		19.3.8		300		300		600
	TOTAL			O'1'	12,725		6,475	and the second	19,200

\$U. S. Government Printing Office: 1981-505-106/7227 2-1

