

MECH #

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

COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION
114, 216, 214, 304, 416, 501, 516, 526

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

PROJECT TITLE
Renovate htg and AC system with central HVAC

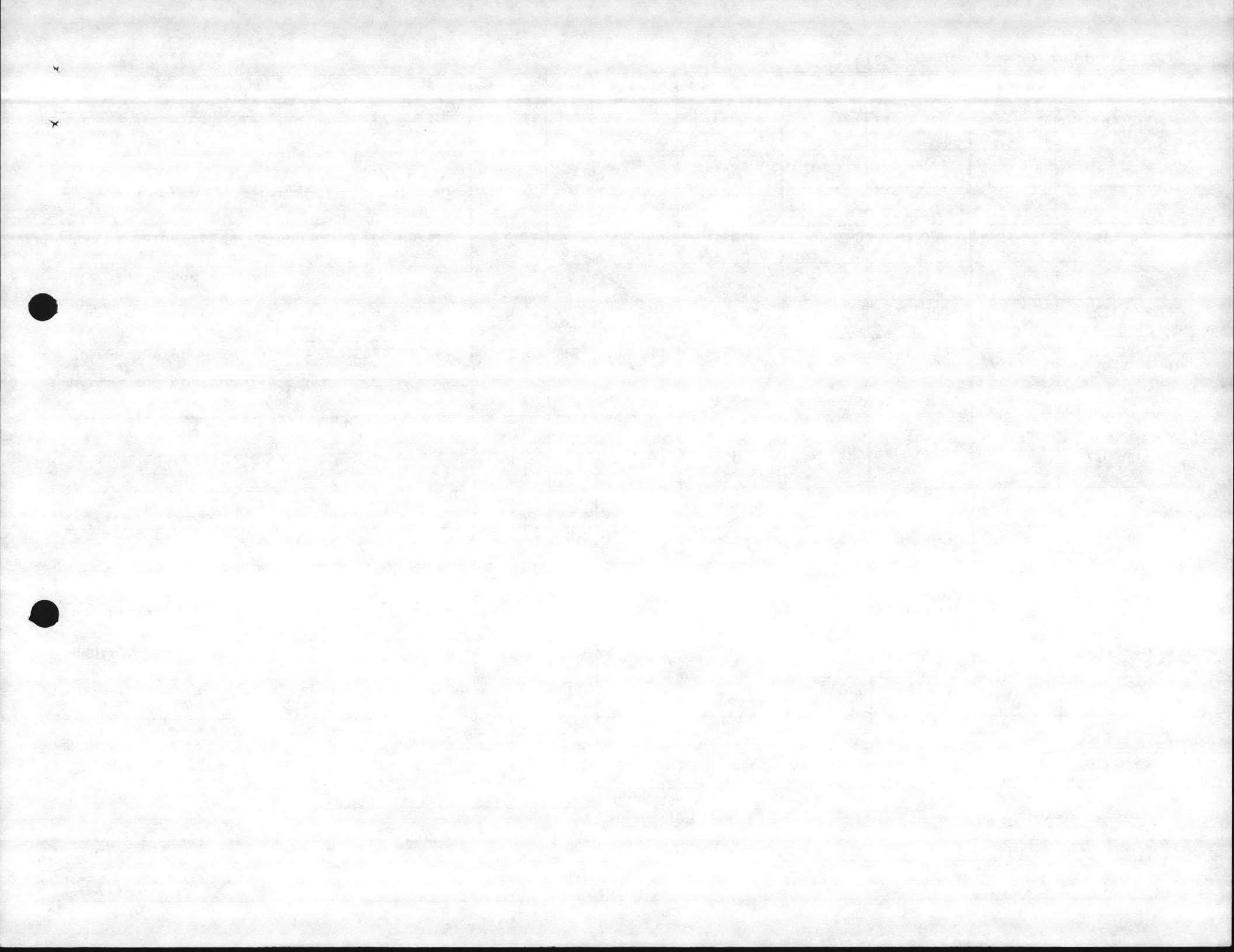
ESTIMATED BY
Huffman

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
Demo radiators, window AC, condensate pump	8	bldg			2,000	16,000		16,000
and PRV Station, Steam, condensate,	8	bldg			200	1,600		1,600
potable water, old fire line piping and	8	bldg			3,500	28,000		28,000
asbestos insulation.								
Plumbing fixtures and water heater	8	bldg			400	3,200		3,200
Install central HVAC with steam heating	8	bldg	10,000	80,000	15,000	120,000		200,000
coil, air cool condenser, duck system,								
wiring and controls.								
Condensate pump and steam PRV Station	8	bldg	1,700	13,600	500	4,000		17,600
potable water piping (copper) and insulate	8	bldg	900	7,200	1,775	14,200		21,400
all piping and duckwork.								
New plumbing fixtures and electric water	8	bldg	3,980	31,840	1,260	10,080		41,920
heater								
Basic Total				132,640		197,080		329,720



* Mech *

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DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

315, 317, BB5

ESTIMATED BY

CATEGORY CODE NUMBER

PROJECT TITLE

Huffman

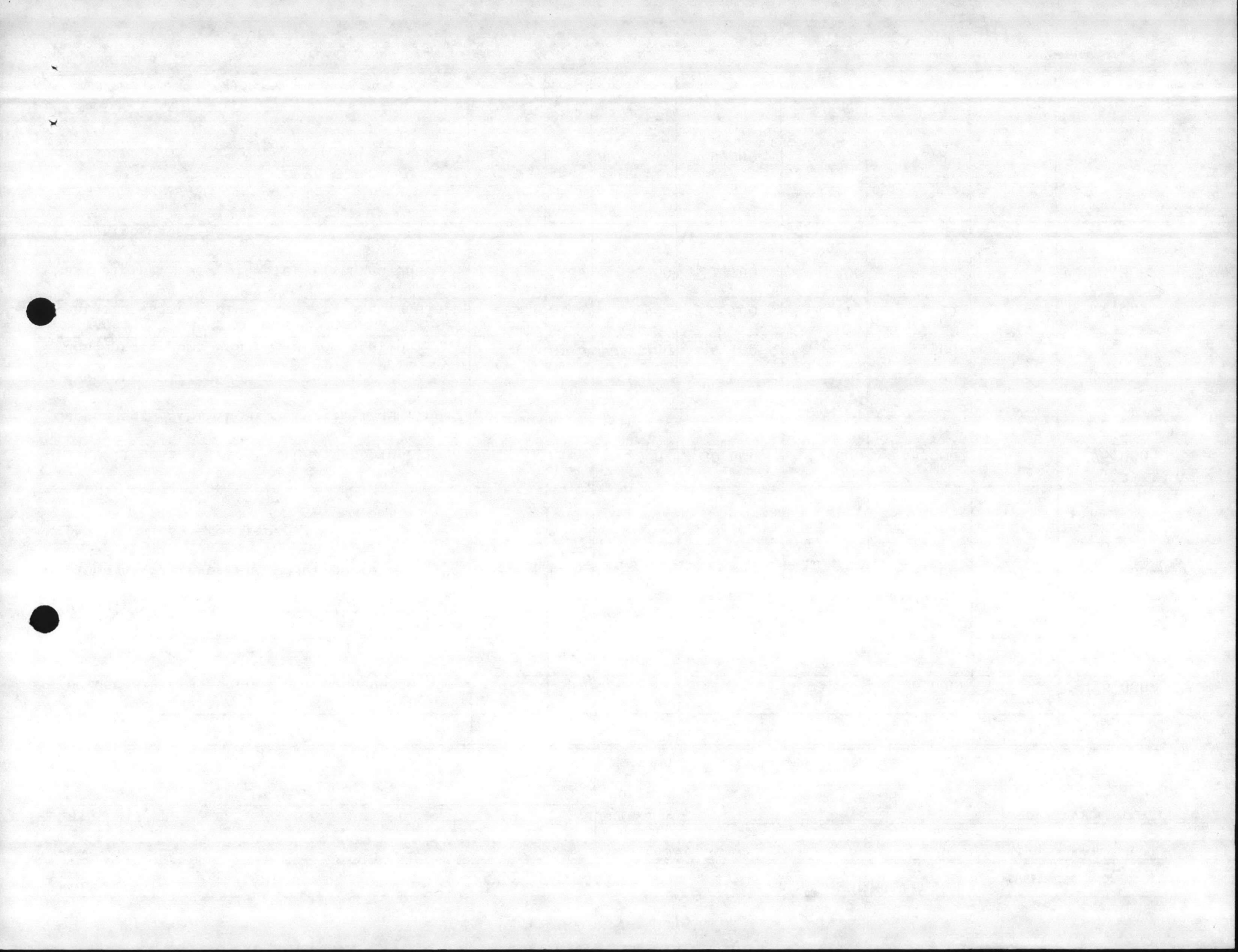
STATUS OF DESIGN

JOB ORDER NUMBER

PED 30% 100% FINAL Other (Specify) _____

Renovate Htg and AV system w/Central HVAC

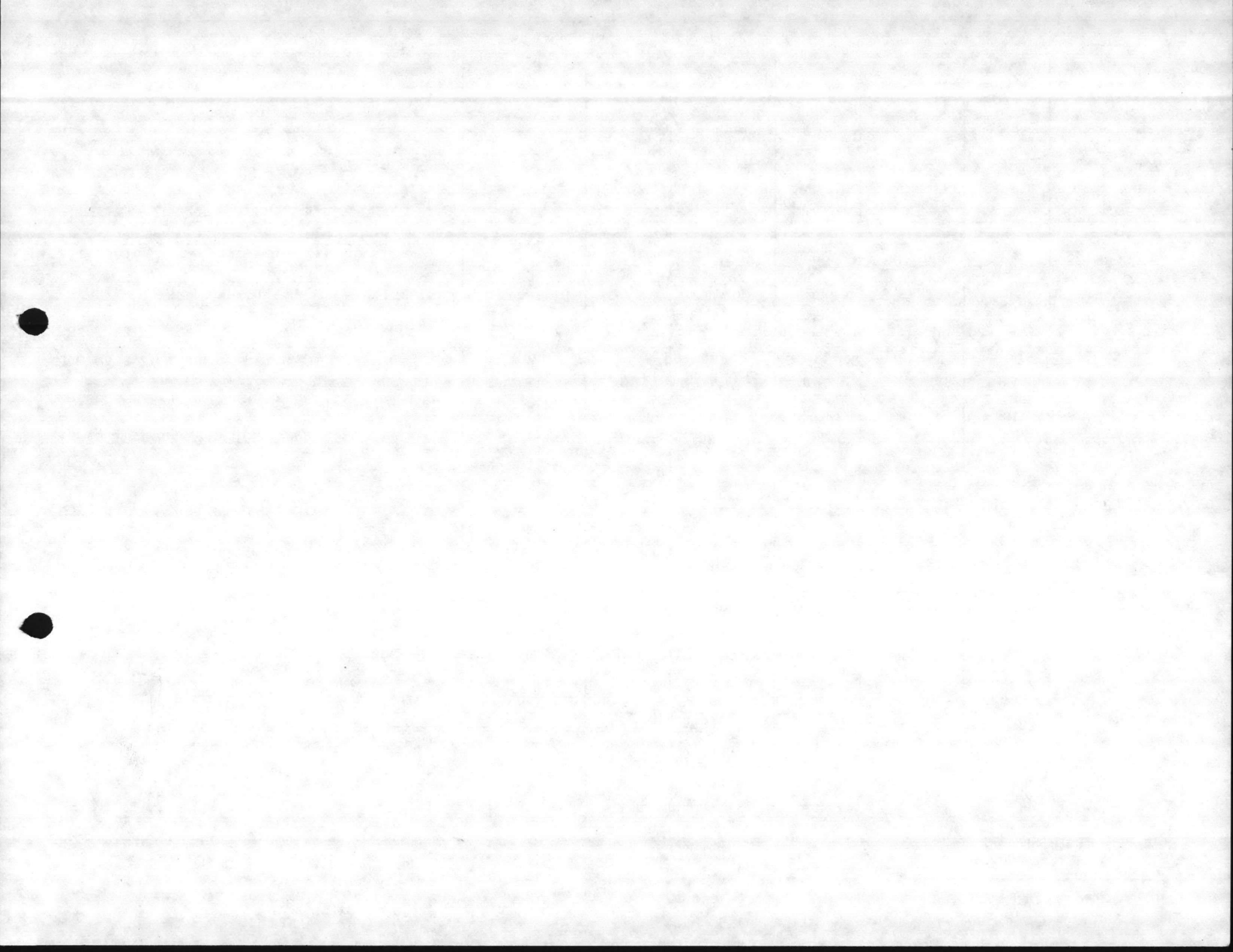
ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Demo radiators, window AC, condensate pump	3	bldg			2,000	6,000		6,000
steam PRU Station, Steam, condensate,	3	bldg			200	600		600
potable water and lod fire line piping	3	bldg			1,500	4,500		4,500
Plumbing fixtures and water heater	3	bldg			400	1,200		1,200
(building asbestos free)								
Install central HVAC with air cooled	3	bldg	10,000	30,000	15,000	45,000		75,000
condenser, steam heating coil, insulated								
duckwork, wiring and controls.								
Condensate pump and PRV steam station.	3	bldg	1,700	5,100	500	1,500		6,600
potable water piping (copper) and insulate	3	bldg	900	2,700	1,775	5,325		8,025
all piping. New plumbing fixtures and	3	bldg	3,900	11,700	1,200	3,600		15,300
electirc water heater								
Basic Total				49,500		67,725		117,225



* Mech *

ACTIVITY AND LOCATION 315, 317, BB5	CONSTRUCTION CONTRACT NO.	IDENTIFICATION NUMBER
PROJECT TITLE Renovate Htg and AV system w/Central HVAC	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 radiators, window AC, condensate pump	3	bldg			2,000	6,000		6,000
steam PRU Station, Steam, condensate,	3	bldg			200	600		600
potable water and lod fire line piping	3	bldg			1,500	4,500		4,500
Plumbing fixtures and water heater (building asbestos free)	3	bldg			400	1,200		1,200
Install central HVAC with air cooled condenser, steam heating coil, insulated duckwork, wiring and controls.	3	bldg	10,000	30,000	15,000	45,000		75,000
Condensate pump and PRV steam station.	3	bldg	1,700	5,100	500	1,500		6,600
potable water piping (copper) and insulate	3	bldg	900	2,700	1,775	5,325		8,025
all piping. New plumbing fixtures and electirc water heater	3	bldg	3,900	11,700	1,200	3,600		15,300
Basic Total				49,500		67,725		117,225



ELEC.

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 #214

ESTIMATED BY

CATEGORY CODE NUMBER

PROJECT TITLE

Blanton

STATUS OF DESIGN

JOB ORDER NUMBER

PED 30% 100% FINAL Other (Specify) _____

Renovate electrical system

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Central heat and AC to be installed. Repl existing 200AMP 3Ø 40Ckt panel in storage room and old black out box, old 3Ø disconnects and old 100AMP 3Ø28CKT fuse panel. Consolidate into main service equipment label, ground and bond per nec. Replace service entrance conduit and wire.				2,400		1,200		3,600
Rewire complete. Replace all romex and (2) wire ungrounded lighting, switches and receptacles ckts with (3) wire grounded ckts. Ground all lights. Replace all light switches and receptacles. Remove all romex wire, conduit and wire not used.				6,000		3,000		9,000
Install exit and emergency lights as required				800		400		1,200

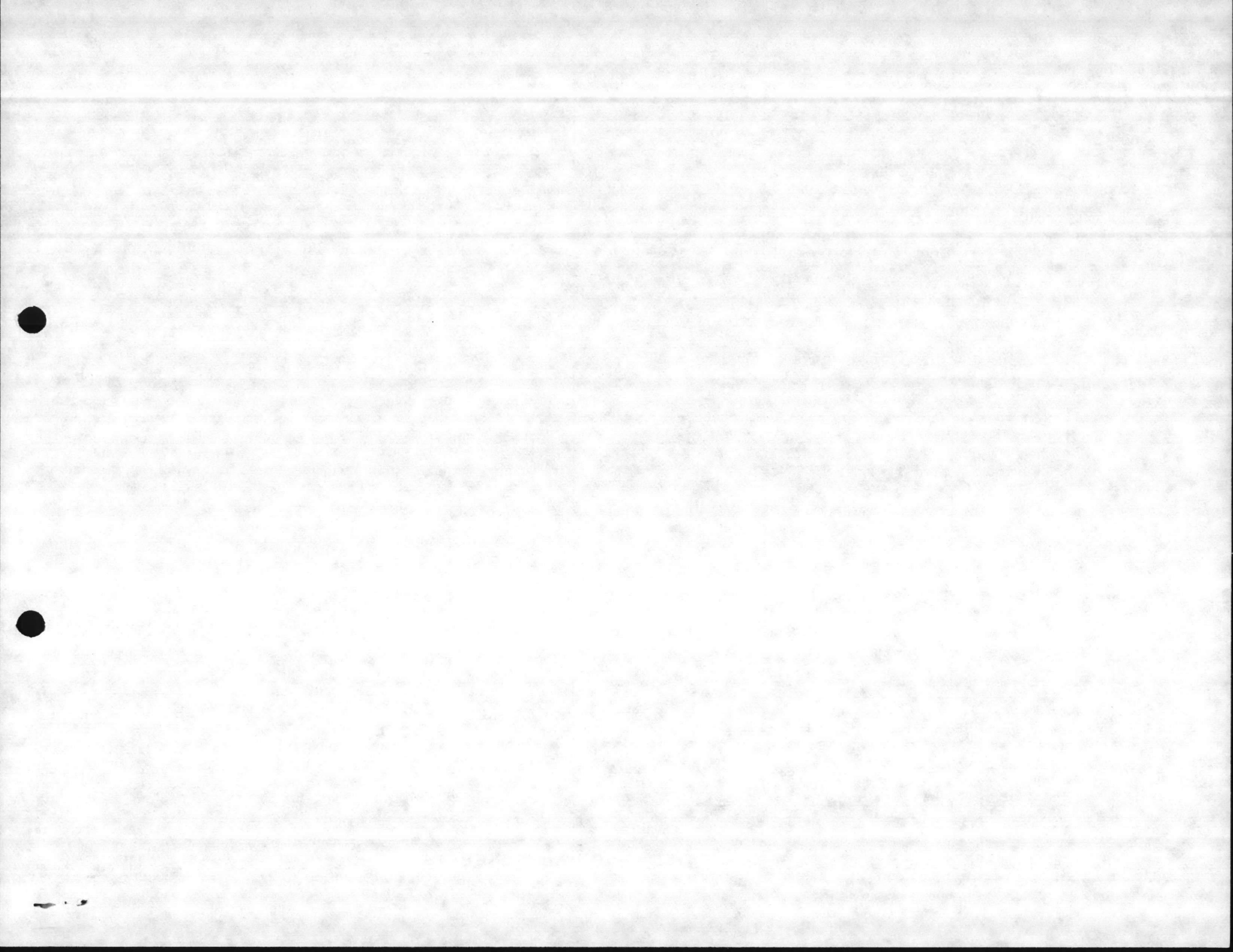


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NAVFAC 11013/7 (1-78) **COST ESTIMATE** DATE PREPARED SHEET OF
 Supersedes NAVDOCKS 2417 and 2417A

ACTIVITY AND LOCATION Building #214	CONSTRUCTION CONTRACT NO. ESTIMATED BY Blanton	IDENTIFICATION NUMBER CATEGORY CODE NUMBER JOB ORDER NUMBER
PROJECT TITLE Renovate electrical system	STATUS OF DESIGN <input type="checkbox"/> PED <input type="checkbox"/> 30% <input type="checkbox"/> 100% <input type="checkbox"/> FINAL <input type="checkbox"/> Other (Specify) _____	

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
New ceiling to be installed. Replace existing fluorescent and incand lights with new fluorescent lights. Ground all lights. Replace outside incand with PHS.				3,500		1,700		5,200
Replace 3Ø disconnect and 3Ø line start to to condensate pump. Rewire complete with new ckts.				400		200		600
Install ckt to hot water heater				125		75		200
Repair all damage to building caused by renovation				400		400		800
TOTAL				13,625		6,975		20,600



ELEC.

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

COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION
Building #304

PROJECT TITLE
Renovate electrical system

CONSTRUCTION CONTRACT NO.

ESTIMATED BY
Blanton

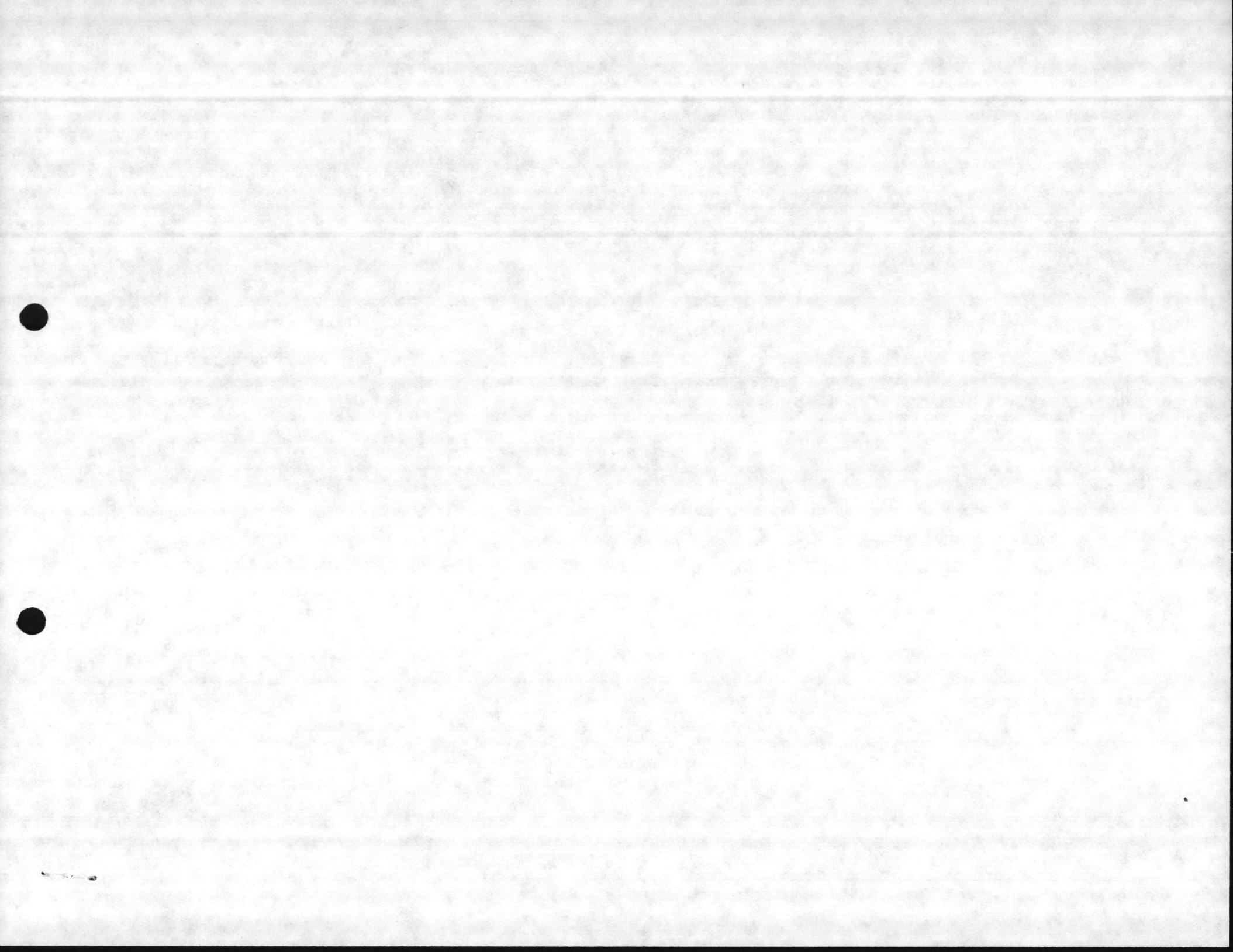
STATUS OF DESIGN
 PED 30% 100% FINAL Other (Specify) _____

IDENTIFICATION NUMBER

CATEGORY CODE NUMBER

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Central heat and AC to be installed. Repl existing 200a 3Ø main panel (40 ckt). Replace 100amp 3Ø 28ckt fuse panel in hall. Replace feeders to sub panel. Install equipment ground label, ground and bond all panels per nec				2,000		1,000		3,000
Replace all (2) wire unground lighting, switches and receptacles ckts. with (3) wire grounded ckts. Ground all lights. Replace all existing light swithces and receptacles outlets.				5,000		2,500		7,500
New ceilsing to be installed. Replace all inside lights with new fluor. fixtures. Replace outside incand lights with HPS				5,000		2,500		7,500



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

COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building #304

PROJECT TITLE

Renovate electrical system

CONSTRUCTION CONTRACT NO.

ESTIMATED BY

Blanton

STATUS OF DESIGN

PED 30% 100% FINAL Other (Specify) _____

IDENTIFICATION NUMBER

CATEGORY CODE NUMBER

JOB ORDER NUMBER

ITEM DESCRIPTION	QUANTITY		MATERIAL COST		LABOR COST		ENGINEERING ESTIMATE	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Install exit and emergency lights as reqd.				800		400		1,200
Rewire electric hot water heater				200		100		300
Replace condensate pump disconnect and 3Ø line starter. Rewire complete. Install new ckt to pump.				475		250		725
Repair all damages to building caused by renovation.				200		400		600
TOTAL				13,675		7,150		20,825



ELEC

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

COST ESTIMATE

DATE PREPARED

SHEET OF

ACTIVITY AND LOCATION

Building #317

PROJECT TITLE

Renovate electrical system

CONSTRUCTION CONTRACT NO.

IDENTIFICATION NUMBER

ESTIMATED BY

Blanton

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
New ceiling to be installed. Replace all inside lights with new fluorescent fixtures. Lights to be compatible with new ceiling.				3,600		1,800		5,400
Replace all (2) wire ungrounded lighting and switches ckts with (3) wire grounded ckts. Ground all lights. Remove all conduit and wire not used.				2,000		1,000		3,000
Repalce 3Ø disconnect and 3Ø line starter to condensate pump. Rewire complete. Run new ckt.				425		200		625
Install ckt for electric hot water heater				125		Ø5		200
Repair all damages to bldg caused by renov.				200		400		600
TOTAL				6,350		3,475		9,825

