

CROSS-CONNECTION CONTROL AND BACKFLOW PREVENTION SURVEY



Joint Base Pearl Harbor-Hickam, Hawaii



Naval Facilities Engineering Systems Command Pacific

Contract Number: N62470-19-D-4001 | Task Order Number: N6274222F0110

October 2022

Final Appendices

**CROSS-CONNECTION CONTROL AND
BACKFLOW PREVENTION SURVEY
Joint Base Pearl Harbor-Hickam, Hawaii**

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October 2022



APPENDICES

- A.** Hawaii Administrative Rules, Title 11, Chapter 21
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APPENDIX A

Hawaii Administrative Rules,
Title 11, Chapter 21

(9 PAGES)

RULES REPEALING PUBLIC HEALTH REGULATIONS
CHAPTER 22, CROSS-CONNECTION AND BACKFLOW CONTROL,
DEPARTMENT OF HEALTH, STATE OF HAWAII
AND
ADOPTING CHAPTER 21 OF TITLE 11, ADMINISTRATIVE RULES

SUMMARY

1. Public Health Regulations Chapter 22, Cross-Connection and Backflow Control, Department of Health, State of Hawaii, is repealed.
2. A new Chapter 21 of Title 11, Administrative Rules, Cross-Connection and Backflow Control, is adopted.

Public Health Regulations Chapter 22, Cross-Connection and Backflow Control, Department of Health, State of Hawaii, adopted on 11/4/48; REPEALED [12/26/81]

TITLE 11

DEPARTMENT OF HEALTH

CHAPTER 21

CROSS-CONNECTION AND BACKFLOW CONTROL

§11-21-1	Purpose
§11-21-2	Definitions
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Historical Note: Chapter 21 of Title 11 Administrative Rules, is based substantially upon Chapter 22 of the Public Health Regulations, Department of Health. [Eff. 12/04/48; R 12/26/81]

§11-21-1 Purpose. (a) To protect the public water systems from the possibility of contamination or pollution by isolating within its customers' internal distribution system(s) or its customers' private water system(s) such contaminants or pollutants which could backflow or backsiphon into the public water systems.

(b) To promote the elimination or control of existing cross-connections, actual or potential, between its customers' in-plant potable water system(s) and non-potable water systems, plumbing fixtures and industrial piping systems.

(c) To provide for the maintenance of a continuing program of cross-connection control which will systematically and effectively prevent the contamination or pollution of all potable water systems. [Eff. 12/26/81] (Auth: HRS §§340E-2, 340E-9) (Imp: HRS §§340E-2, 340E-9)

§11-21-2 Definitions. As used in this chapter:

"Agency" means the department of health, State of Hawaii, and vested with the authority and responsibility for the enactment and enforcement of this ordinance.

"Airgap" means the unobstructed vertical distance through the free atmosphere between the lowest opening from any pipe or faucet supplying water to a tank, plumbing fixture, or other device and the flood-level rim of the receptacle. The vertical distance shall be at least double the diameter of the supply pipe above the flood-level rim and in no case shall the gap be less than one inch.

"Approved" means accepted by the department of health and water purveyor as meeting the applicable specification stated or cited in this ordinance, or as suitable for the proposed use.

"Backflow" means the flow of water or other liquids, mixtures, or substances into the distributing pipes of a potable supply of water from any source or sources other than its intended source. Backsiphonage is one type of backflow.

"Backflow Preventor" means a device or means to prevent backflow into the potable water system.

"Back Pressure" means backflow caused by a pump, elevated tank, boiler or other means that could create pressure within the system greater than the supply pressure.

"Backsiphonage" means the flow of water or other liquids, mixtures or substances into the distribution pipes of a potable water supply system from any source other than its intended source caused by the sudden reduction of pressure in the potable water supply system.

"Certified Tester" means three classes of certified testers: 1) a limited tester has been trained and is qualified to perform periodic testing, inspection, and repairs on the specific devices contained within a specific plant or institution. This person is usually an employee of the plant or institution and has been assigned the duty of taking care of the backflow prevention equipment as part of his overall plant duties, and does not extend to backflow prevention devices that are not part of the specific plant or institution; 2) a general tester been trained and is qualified to perform the periodic testing, inspection, and repairs on all devices that are on the market. This person may be an employee of a water agency, an employee of a municipal agency, or an individual operating a backflow device testing service; and 3) a manufacturer's agent is an employee of a manufacturer of backflow prevention equipment and is thoroughly familiar with the backflow prevention devices produced by his employer. This person may be familiar with other makes and models of backflow prevention devices but is restricted to only his employer's products.

"Check Valve" means a self-closing device which is designed to permit the flow of fluids in one direction and to close if there is a reversal of flow.

"Community Water System" means a public water system which serves at least fifteen service connections used by year-round residents or regularly serves at least twenty-five year-round residents.

"Contamination" means an impairment of the quality of the potable water by sewage, industrial fluids or waste liquids, compounds or other materials to a degree which creates an actual hazard to the public health through poisoning or through the spread of disease.

"Critical Level" means the critical level C-L or C/L marking on a backflow prevention device or vacuum breaker which is a point conforming to approved standards and established by the testing laboratory (usually stamped on the device by the manufacturer), which determines the minimum elevation above the flood-level rim of the fixture or receptacle served at which the device may be installed. When a backflow prevention device does not bear a critical level marking, the bottom of the vacuum breaker, combination valve, or the bottom of any such approved device shall constitute the critical level.

"Cross-Connection" means any physical arrangement whereby a public water supply is connected, directly or indirectly, with any other water supply system, sewer, drain, conduit, pool, storage reservoir, plumbing fixture, or other device which contains, or may contain, contaminated water, sewage, or other waste or liquid of unknown or unsafe quality which may be capable of imparting contamination to the public water supply as a result of backflow. Bypass arrangements, jumper connections, removable sections, swivel or changeover devices, and other temporary or permanent devices through which, or because of which, backflow could occur are considered to be cross-connections.

"Director" means the director of health of the department of health, State of Hawaii, or his duly authorized representative.

"Flood-Level Rim" means the edge of the receptacle from which water overflows.

"Hazard, Health" means any condition, device, or practice in the water supply system and its operation which create, or in the judgment of the director may create, a danger to the health and well-being of the water consumer. An example of a health hazard is a structural defect in the water supply system, whether of location, design, or construction, that regularly or occasionally may prevent satisfactory purification of the water supply or cause it to be polluted from extraneous sources.

"Non-Community Water System" means a public water system that is not a community water system.

"Non-Potable Water" means water that is not safe for human consumption or that is of questionable potability.

"Pollution" means the presence of any foreign substance (organic, inorganic, radiological or biological) in water that may degrade the water quality so as to constitute a hazard or impair its usefulness.

"Potable Water" means water free from impurities in amounts sufficient to cause disease or harmful physiological effects. The bacteriological, chemical, and radiological quality shall conform with Administrative Rule 11-20, "Potable Water Systems."

"Public Water System" means a system for the provision to the public of piped water for human consumption, if such system has at least fifteen service connections or regularly serves an average of at least twenty-five individuals daily at least sixty days out of the year. Such term includes (1) any collection, treatment, storage, and distribution facilities under control of the operator of such system and used primarily in connection with such system, and (2) any collection of pretreatment storage facilities not under such control which are used primarily in connection with such system. A

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public water system is either a "community water system" or a "non-community water system."

"Secondary Water System" means any water supply in a building or premise maintained in addition to a public water system. Such secondary water system shall include any system, other than the public water supply, supplying surface water from streams, rivers, lakes, ponds, lagoons, reservoirs and cisterns, and groundwater from both deep and shallow sources; also, any supply of public water system which has been stored, held, reserved, treated, and processed in a manner which may detract from the potability of the water by either bacterial, chemical, or radiological nature.

"Submerged Inlet" means a water pipe or extension thereto from a public water supply terminating in a tank, vessel, fixture or appliance which may contain water of questionable quality, waste or other contaminant and which is unprotected against backflow.

"Vacuum" means any pressure less than that exerted by the atmosphere.

"Vacuum Breaker, Atmospheric Nonpressure Type" means a vacuum breaker designed so as not to be subjected to static line pressure or installed where it would be under pressure for not more than twelve hours in any twenty-four hour period.

"Vacuum Breaker, Pressure Type" means a vacuum breaker designed [so as not to be subjected to] to operate under conditions of static line pressure.

"Water-Service Connection" means the terminal end of a service connection from the public potable water system; i.e., where the water purveyor loses jurisdiction and sanitary control over the water at its point of delivery to the customer's water system. If a meter is installed at the end of the service connection, then the service connection shall mean the downstream end of the meter. There shall be no unprotected tuckoffs from the service line ahead of any meter or backflow prevention device located at the point of delivery to the customer's water system. Service connection shall also include water service connection from a fire hydrant and all other temporary or emergency water service connections from the public potable water system. [Eff. 12/26/81; Am]
(Auth: HRS §§340E-2, 340E-9) (Imp: HRS §§340E-2, 340E-9)

§11-21-3 Right to inspect. The director shall be allowed to enter any building or premise at any reasonable hour and be permitted to inspect or reinspect the plumbing facilities for cross-connections or other structural or sanitary hazards, including violations of these regulations. When such a condition becomes known, the director shall inform the water supplier to immediately discontinue service to the premise by providing for a physical break in the service line until the customer has corrected the condition(s). [Eff. 12/26/81] (Auth: HRS §§340E-2, 340E-9) (Imp: HRS §§340E-2, 340E-9)

§11-21-4 Approval of devices. Before any backflow prevention device is installed, the device shall be manufactured in full conformance

with the standards established by the American Water Works Association—AWWA—C506-78 and have met completely the laboratory and field performance specification of the Foundation for Cross-Connection Control and Hydraulic Research of the University of Southern California—FCCC and HR.

The director may accept standards and testing results from other acceptable laboratories when it becomes necessary. [Eff. 12/26/81] (Auth: HRS §§340E-2, 340E-9) (Imp: HRS §§340E-2, 340E-9)

§11-21-5 Installation and location. The backflow prevention device shall be installed on the consumer side of the property line and as close to the water meter where applicable as physically possible. Connections or tees between the meter where applicable and the backflow prevention device will not be permitted without approval from the director.

A backflow prevention device shall not be installed underground or in a vault without written approval by the director.

Installation dimension for backflow prevention devices shall conform to the following table:

SIZE OF DEVICE	DIMENSION GROUND LEVEL TO CENTERLINE OF BACKFLOW PREVENTION DEVICE		DIMENSION DISTANCE TO SURROUNDING OBSTRUCTIONS
	Minimum	Maximum	
3/4" to 1-1/2"	18"	48"	24"
2" to 3"	24"	48"	24"
4" to 6"	30"	48"	24"
8" to 10"	36"	48"	24"

In all cases, the backflow prevention device shall be installed according to the backflow preventor manufacturer's directions and in an easily accessible location [Eff. 12/26/81] (Auth: HRS §§340E-2, 340E-9) (Imp: HRS §§340E-2, 340E-9)

§11-21-6 Existing cross-connections. Within a reasonable time following the adoption of this regulation, existing cross-connections between a public water system and any secondary water system shall be eliminated or protected by means of an approved backflow preventor. [Eff. 12/26/81] (Auth: HRS §§340E-2, 340E-9) (Imp: HRS §§340E-2, 340E-9)

§11-21-7 Irrigation systems. (a) The following guidelines relating to backflow prevention devices for irrigation systems shall apply:

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- (1) Atmospheric vacuum breakers shall be installed after the last control valve of each sprinkler circuit and at a minimum of six inches above the highest irrigation head. The atmospheric vacuum breaker shall be installed only on irrigation circuits with heads that will not return any pressure in the circuit when the circuit control valve is closed.
- (2) Pressure vacuum breakers shall be installed at the beginning of each irrigation circuit and at a minimum of twelve inches above the highest irrigation head on the circuit. Individual irrigation circuits having quick coupling valves or other similar type heads that will permit pressure to be retained in the circuit shall have a pressure vacuum breaker installed as a minimum requirement for each circuit. Irrigation systems using the subsurface drip method shall have a pressure vacuum breaker on each circuit. A pressure vacuum breaker may not be installed where a double check valve assembly, reduced pressure principle backflow prevention device, or air gap separation is required.
- (3) A double check valve assembly may be installed to serve multiple irrigation circuits in lieu of vacuum breakers on each individual irrigation circuit.
- (4) A reduced pressure principal backflow preventor or air gap separation shall be required before any piping network in which fertilizers, pesticides and other chemicals or toxic contaminants are injected or siphoned into the irrigation system. [Eff. 12/26/81] (Auth: HRS §§340E-2, 340E-9) (Imp: HRS §§340E-2, 340E-9)

§11-21-8 Maintenance requirements. (a) It shall be the responsibility of water users to maintain all backflow preventors and vacuum breakers within the building or on the premises in good working order. No piping or other arrangement for the purpose of bypassing backflow devices shall be permitted.

(b) Periodic testing and inspection schedule shall be established by the director for all backflow preventors in intervals between such testing, inspection and overhauls of each devices shall be established in accordance with age and condition of the backflow prevention device. Inspection intervals should not exceed one year. Backflow prevention devices should be inspected frequently after initial installation to assure that the devices are properly installed and debris resulting from the installation has not interfered with the functioning of the device. The inspection and testing shall be performed by a certified tester approved by the director. In those instances where the director deems the hazard to be great, inspections may be required at more frequent intervals. Records of any tests, repairs and overhauls shall be kept and made on forms prescribed by the director. Should the water user fail to make the proper test and provide all records on the test, the director at his discretion may perform the necessary test, needed repairs, and replacements and charge the cost thereof to the water consumer. [Eff. 12/26/81] (Auth: HRS §§340E-2, 340E-9) (Imp: HRS §§340E-2, 340E-9)

§11-21-9 Violations and penalties. (a) The director shall notify the owner, or authorized agent of the owner, of the building or premise in which there is found a violation(s) of these regulations. The director shall set a specific time for the owner to have the violation(s) removed or corrected. If the owner fails to correct the violation(s) in the specified time, the director may, if in his judgment an imminent health hazard exists, request that the water service to the building or premise be terminated. Additional fines or penalties may also be invoked following termination of service.

(b) The owner or authorized agent of the owner responsible for the maintenance of the plumbing system in the building who knowingly permits a violation to remain uncorrected after the specified time set by the director, shall, upon conviction thereof by the court, be required to pay a fine of not more than \$500.00 or by imprisonment in jail for a period of time not to exceed one year, or both such fine and imprisonment. [Eff. 12/26/81] (Auth: HRS §§340E-2, 340E-8, 340E-9) (Imp: HRS §§340E-2, 340E-7, 340E-8)

§11-21-10 Effect of county government ordinances. When a county government has adopted an ordinance governing cross-connection and backflow prevention, and the provisions of the ordinance and the methods of enforcement by the county government are approved in writing by the director, said ordinance, and not these regulations, shall control the matter of cross-connection and backflow prevention in such county. [Eff. 12/26/81] (Auth: HRS §§340E-2, 340E-9) (Imp: HRS §§340E-2, 340E-9)

§11-21-11 Severability. If any provision of this chapter, or its application to any person or circumstance is held invalid, the application of such provision to other persons or circumstances, and the remainder of this chapter, shall not be affected thereby. [Eff. 12/26/81] (Auth: HRS §§340E-2, 340E-9) (Imp: HRS §§340E-2, 340E-9)

APPENDIX B

Report of Existing Backflow Prevention Devices

(PROVIDED ELECTRONICALLY)

APPENDIX C

Report of Proposed Backflow Prevention Devices

(Provided Electronically)

APPENDIX D

Report of Removed Backflow Prevention Devices

(PROVIDED ELECTRONICALLY)

APPENDIX E

Report of Priority Group 1 Findings

(Provided Electronically)

APPENDIX F

Report of Priority Group 2 Findings

(Provided Electronically)

APPENDIX G

Report of Priority Group 3 Findings

(Provided Electronically)

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
Army HSG											
BUILDING											
		1680 TAMPA DR ARMY HOUSING BY THE FENCE ON ICARUS WAY	NO		8"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. INSTALL DEVICE UPSTREAM/UPHILL AT LOCKED GATE (LINE BURIED, UPSTREAM OF SCHOOL SERVICE CONNECTION)	\$50,020.00
BUILDING S1											
	S1	ON BOUGAINVILLE DR NEXT TO 2 WATER TANKS AND ACROSS FROM 5495 MAHOGANY LN HOUSING	NO		10"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION AT SERVICE ENTRANCE	\$69,570.00
Total Cost of Priority Group 3 for Army HSG											\$119,590.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BISHOP PT											
BUILDING 17											
	17	NORTHEAST EXTERIOR CORNER OF THE BLDG 17, SOUTH OF THE FIRE VALVES ON THE EXTERIOR OF THE BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 45A											
SA-FWX 0138BP	45A	ALPHA DOCK/BISHOP PT SE END OF BLDG IN TILE ENCLOSURE (BLDG IS NE OF BLDG 17 - NO NUMBER)	NO		3/4"	HBVB	NON HEALTH	1	HOSE BIBB	NO PROTECTION. HOSE BIB CONNECTION UPSTREAM OF THE BFP NEEDS PROTECTION. PROVIDE HBVB	\$60.00
BUILDING 54A											
	54A	NORTHEAST EXTERIOR SIDE OF BLDG 54A, ON THE EASTERN END OF THE BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$1,910.00
Total Cost of Priority Group 3 for BISHOP PT											\$3,880.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
CAMP SMITH											
BUILDING 17											
	17	UNKNOWN; LINE BURIED; UNABLE TO LOCATE SHUTOFF VALVE/METER PIT	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING 20											
	20	UNKNOWN; LINE BURIED; NO SIGNS OF SHUTOFF VALVE/METER	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00
	20	NEAR EAST CORNER OF BLDG	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
	20	SW SIDE OF BLDG BY SWIMMING POOL RESTROOMS (BLDG 125A)	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 402											
	402	BOILER ROOM ON EAST SIDE OF BLDG	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. SERVES ADJACENT BEQS (401-404)	\$15,260.00
BUILDING 403											
	403	WEST SIDE OF BLDG IN FIRE CLOSET	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 404											
	404	WEST SIDE OF BLDG IN FIRE CLOSET	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 452											
	452	NE CORNER OF BLDG	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/Model	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	452	SE CORNER OF BLDG	NO		8"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$50,020.00
BUILDING 501											
	501	NORTH SIDE OF BLDG	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
	501	NW CORNER OF OF BLDG	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
BUILDING 600											
	600	WEST INTERIOR OF BLDG; NEXT TO BAY DOOR & "HQSVCBN" DOOR	NO		2-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$7,280.00
	600	CAMP SMITH, BLDG 600	NO	FEBCO	4"	OTHER	NON HEALTH	1	FIRE SYSTEM	NEED TO RELOCATE SA-QFW 905 UPSTREAM TO PROTECT ALL FIRE PROTECTION LINES TO BLDG	\$11,840.00
BUILDING 601											
	601	NORTH SIDE OF BLDG IN EXT FIRE CLOSET	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
	601	PRESUMABLY SOUTH SIDE; LINE BURIED; UNABLE TO OPEN POSSIBLE SHUTOFF VALVE/METER PIT	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
	601	PRESUMABLY SOUTH SIDE; LINE BURIED; UNABLE TO OPEN POSSIBLE SHUTOFF VALVE/METER PIT	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 612											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	612	MECHANICAL 1; ACCESS ON EAST SIDE OF BLDG	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00
BUILDING 80											
	80	SOUTH SIDE OF BLDG BY DOOR TO SUB-STATION R-19	NO		8"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$50,020.00
BUILDING 82											
	82	WEST SIDE OF BLDG	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
Total Cost of Priority Group 3 for CAMP SMITH											\$387,060.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
CATLIN PARK											
BUILDING 3349											
	3349	JALUT ST; SOUTHEAST SIDE OF BUILDING 3349	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	TWO CHECK VALVES IN SERIES ARE NOT A TESTABLE DEVICE. 4" FIRE SYSTEM WITH TWO NON-TESTABLE SINGLE CHECK VALVES IN SERIES LOCATED ON THE OUTSIDE OF THE BUILDING.	\$24,830.00
Total Cost of Priority Group 3 for CATLIN PARK											\$24,830.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
DORIS MILLER											
BUILDING 6890											
	6890	DORIS MILLER, BLDG 6890, SALT LAKE NEX MINI-MART	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION. NEEDS FIRE PROTECTION	\$33,530.00
BUILDING 7395											
	7395	SERVICE MAIN, DORIS MILLER PARK,DORMIL-3160- SNYDER-CT	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. NEEDS A NEW TESTABLE BFP DEVICE ON THE MAIN SERVICE LINE	\$1,740.00
Total Cost of Priority Group 3 for DORIS MILLER											\$35,270.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/Model	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
FORD ISLAND											
BUILDING 170B											
	170B	BLDG 170B, FORD ISLE, FORD ISLAND, SOUTHEAST EXTERIOR CORNER OF BLDG 171B	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. NEED A NEW TESTABLE BFP DEVICE INSTALLED ON INCOMING WATER MAIN	\$15,260.00
BUILDING 171B											
	171B	BLDG 171B, FORD ISLE, FORD ISLAND, SOUTHEAST EXTERIOR CORNER OF BLDG 171B	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. NEED A NEW TESTABLE BFP DEVICE INSTALLED ON INCOMING WATER MAIN	\$15,260.00
BUILDING 39											
	39	EAST EXTERIOR SIDE OF BLDG 39, BETWEEN BLDGS 39 & S11, FORD ISLAND	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION. CONTROL VALVE, FI-BFP-86BP. UNPROTECTED PIPING ON THE UPSTREAM SIDE OF THE EXISTING DCVA, RECOMMEND EITHER REROUTING EXISTING DEVICE SO THAT IT IS ON THE DOWNSTREAM SIDE OR ADDING A NEW DCVA.	\$33,530.00
BUILDING 42											
	42	FORD ISLAND, BLDG 42, NORTHEAST EXTERIOR SIDE OF BLDG 42	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. NEED A NEW TESTABLE BFP DEVICE	\$3,270.00
BUILDING 459											
	459	BLDG 459, FORD ISLAND (LOCATED SOUTHWEST EXTERIOR SIDE BLDG 459, ADJACENT TO MAIN DOOR FOR BLDG 459) (PASS & ESCORT REQ'D)	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. INSTALL A DCVA ON THE INCOMING MAIN WATER LINE FOR THE OFFICE SIDE OF BLDG 459	\$3,910.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 462											
	462	BLDG 462, FORD ISLE, FORD ISLAND (BRIG, MECHANICAL ROOM) (NEED BADGE & ESCORT)	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION. NEED A NEW TESTABLE BFP DEVICE INSTALLED ON THE FIRE SYSTEM IN THE MECHANICAL ROOM (UNABLE TO LOATE A PRESENCE OF A FIRE SYSTEM DCVA)	\$24,830.00
BUILDING 55											
	55	BLDG 55, FORD ISLAND (EXTERIOR NORTHWEST SIDE OF BLDG 55, MIDDLE BUILDING PARTITON, SOUTHEAST OF BLDG S296	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION. CONTROL VALVE, FI-BFP-2473, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION	\$33,530.00
BUILDING 75											
	75	BLDG 75, NORTHEAST INTERIOR SIDE OF BLDG 75 (NEX/SUBWAY SIDE), FIRE CLOSET LOCATED BEHIND CASH REGISTER AND ADJACENT TO EXIT DOOR, FORD ISLE	NO		8"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION. INSTALL A TESTABLE DEVICE ON THE FIRE LINE	\$50,020.00
BUILDING 87											
	87	INTERIOR OF BLDG 87, FORD ISLAND, ESCORT REQUIRED	NO		6"	DCVA	NON HEALTH	3	FIRE SYSTEM	NO PROTECTION. THREE(3) 6" DI FIRE LINES WITHOUT PROTECTION (NORTHWEST CORNER OF BLDG IN ROOM 10, NORTHEAST CORNER OF BLDG IN UPS ROOM, SOUTHEAST CORNER OF BLDG IN ISF ROOM)	\$100,590.00
BUILDING 88											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	88	BLDG 88, SNACK SHOP. SOUTH INTERIOR SIDE OF BLDG 88, INSIDE THE DOUBLE DOORS ON THE SOUTH SIDE OF BLDG 88	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. NEEDS A NEW TESTABLE BFP DEVICE	\$24,830.00
BUILDING S169A											
	S169A	BLDG S169A, FORD ISLAND (NORTHEAST EXTERIOR SIDE BLDG S169A IS WHERE THE MAIN LINE COMES IN TO BLDG S169A	NO		2-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. INSTALL A BACKFLOW DEVICE ON THE INCOMING MAIN WATER LINE. WAREHOUSE WAS BEING CONVERTED INTO AN OFFICE BUILDING AS OF 4/1/2022.	\$7,280.00
Total Cost of Priority Group 3 for FORD ISLAND											\$312,310.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
HICKAM											
BUILDING 1010H											
	1010H	IN BETWEEN BUILDING 1011 AND 1010	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
	1010H	IN BETWEEN BUILDING 1011 AND 1010	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 1012H											
	1012H	INSIDE ELEC RM NEXT TO ENTRY DOOR ON THE LEFT	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,960.00
BUILDING 1042H											
	1042H	SW SIDE OF BLDG IN NORTH FENCED YARD	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00
BUILDING 1055H											
	1055H	SW SIDE OF BLDG UNDERNEATH CANOPY	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,510.00
BUILDING 1070H											
	1070H	NEXT TO BLDG 1070 IN THE ACCESS ROAD BETWEEN BLDGS 1070 AND 1072	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. CONTROL VALVE, ZONE 8-12L BF, BACKFLOW PREVENTER DOUBLE CHECK	\$3,910.00
BUILDING 1072H											
	1072H	NEXT TO FH IN BETWEEN 1073 AND 1072	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,960.00
BUILDING 1073H											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	1073H	ON THE CORNER OF BLDG 1073 NEAR A STREET AT THE ENTRANCE OF THE ACCESS ROAD BETWEEN BLDGS 1072 AND 1073	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
	1073H	TO THE RIGHT OF MEN'S RR DOOR IN BETWEEN 1073 AND 1072	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 1102H											
	1102H	SW SIDE OF BLDG ALONG D ST, WINGS A AND C	NO		6"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$33,530.00
	1102H	SE SIDE OF BLDG ALONG HANGAR AVE, WINGS D AND E	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
	1102H	NE SIDE OF BLDG ALONG E ST, WINGS G AND I	NO		6"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$33,530.00
	1102H	SE SIDE OF BLDG ALONG HANGAR AVE, WINGS E AND F	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 1105H											
	1105H	BLDG 1105H	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$24,830.00
BUILDING 1201H											
	1201H	WEST CORNER OF BLDG INSIDE FENCED COMPOUND	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 1204H											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

<i>Asset #</i>	<i>Bldg</i>	<i>Location</i>	<i>Inst</i>	<i>Make/M odel</i>	<i>Size in</i>	<i>Type</i>	<i>Hazard Level</i>	<i>Qt.</i>	<i>Installed On</i>	<i>Comments</i>	<i>Cost</i>
	1204H	NW SIDE OF BLDG NEAR AC EQUIPMENT	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 1222H											
	1222H	INT EAST SIDE OF BLDG, MEN'S RESTROOM, BEHIND WTR HEATER	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 1225H											
	1225H	SIDE OF BUILDING ON VICKERS AVE	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 1256H											
	1256H	LEFT CORNER ON H ST METER VAULT	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 1257H											
	1257H	BACK RIGHT CORNER ON H ST METER PIT	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 1330H											
	1330H	SOUTHWEST EXTERIOR CORNER OF BLDG 1330H	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 1713H											
	1713H	SOUTHWEST EXTERIOR CORNER OF BLDG 1713	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,950.00
BUILDING 1715H											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/Model	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	1715H	SOUTH EXTERIOR SIDE OF BLDG 1715, EAST OF CONCRETE STORAGE PAD, MID WAY DOWN THE BUILDING	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,960.00
BUILDING 1722H											
	1722H	SOUTHEAST EXTERIOR CORNER OF BLDG 1722	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,750.00
BUILDING 1726H											
	1726H	NORTHEAST INTERIOR CORNER OF BLDG 1726, GSA WAREHOUSE	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 1864H											
	1864H	RIGHT FRONT CORNER FACING PARKING LOT	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,960.00
BUILDING 2006H											
	2006H	EAST SIDE OF BLDG	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
BUILDING 2010H											
	2010H	BEHIND BUILDING	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 2065H											
	2065H	SOUTHEAST EXT CORNER OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 2094H											
	2094H	NORTH CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 2116H											
	2116H	IN FRONT OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,270.00
BUILDING 2191H											
	2191H	ALONG BACK OUTSIDE WALL OF RESTROOMS	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING 3379H											
	3379H	NORTH SIDE BY ROLLING METAL DOOR	NO		8"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$50,020.00
BUILDING 3380H											
	3380H	UNKNOWN	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. CONTROL VALVE, ZONE 10-58H. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,270.00
BUILDING 3392H											
	3392H	BACK OF BLDG IN PIT	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,950.00
BUILDING 3455H											
	3455H	UNKNOWN	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$3,910.00
BUILDING 4104H											
	4104H	SE CORNER OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 502H											
	502H	BLDG 502H	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,910.00
BUILDING 504-A-SIGN											
	504-A-SIGN	IN MECH RM	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,510.00
	504-A-SIGN	IN MECH RM	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,510.00
BUILDING 595H											
	595H	BLDG 595H	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,270.00
BUILDING 613H											
	613H	BEHIND BLDG IN MECH AREA	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION. NEEDS TO VERIFY THAT MAIN FIRE BFD IS NOT SERVICING THIS BUILDING	\$24,830.00
BUILDING 62A											
	62A	SOUTHEAST EXTERIOR CORNER BLDG 62A	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
Total Cost of Priority Group 3 for HICKAM											\$434,970.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
HICKAM FLIGHT LINE											
BUILDING 2003H											
	2003H	NE SIDE OF BLDG	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 2030H											
	2030H	BLDG 2030H	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$24,830.00
BUILDING 2033H											
H1081821	2033H	BLDG. 2033H CONTROL TOWER MECHANICAL ROOM	NO	COLT	4"	OTHER	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, ZONE 9-15L, BF, BACKFLOW PREVENTER DC. ASSET NUMBER H1080858 WITH SAME SN WAS DELETED; RELOCATE DEVICE UPSTREAM OF ALL FIRE DEPT CONNECTIONS	\$11,840.00
BUILDING 2037H											
	2037H	EASTSIDE OF BLDG IN FRONT OF PARKING LOT	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 2040H											
	2040H	BLDG 2040H	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$24,830.00
BUILDING 2045H											
	2045H	NORTH CORNER OF BLDG	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00
BUILDING 2160H											
	2160H	CONTROL TOWER BLDG 2160	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 3172H											
	3172H	WEST OF BLDG ALONG ACCESS RD	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING 3173H											
	3173H	SE CORNER OF BLDG	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING 3221H											
	3221H	EXT NORTHWEST CORNER OF BLDG	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
	3221H	EXT NORTHEAST CORNER OF BLDG	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 3373H											
	3373H	NORTH SIDE OF BLDG	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING 3382H											
	3382H	MECH ROOM, EXT ACCESS ON WEST SIDE OF BLDG	NO		2-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$7,280.00
BUILDING 3400H											
	3400H	UNKNOWN, LINE BURIED	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00
BUILDING 3415H											
	3415H	NE CORNER OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 3424H											
	3424H	INT SW CORNER OF BLDG	NO		8"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$50,020.00
BUILDING 3442H											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	3442H	RESTROOM STRUCTURE NW OF HUSH HOUSE	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,880.00
BUILDING 3505H											
	3505H	RESTROOM IN SE CORNER OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 3510H											
	3510H	INT WEST SIDE OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
	3510H	NW CORNER OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
	3510H	MECH RM AT SW CORNER OF BLDG	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING 3515H											
	3515H	SE CORNER OF BLDG	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING 3520H											
	3520H	WEST SIDE OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
	3520H	EAST SIDE OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 3568H											
	3568H	INT EAST SIDE OF BLDG BY BAY DOOR	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 40H											
	40H	KITCHEN AT NW INT CORNER OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
	40H	SOUTH SIDE OF BLDG	NO		8"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$50,020.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

<i>Asset #</i>	<i>Bldg</i>	<i>Location</i>	<i>Inst</i>	<i>Make/M</i>	<i>Size</i>	<i>Type</i>	<i>Hazard</i>	<i>Qt.</i>	<i>Installed On</i>	<i>Comments</i>	<i>Cost</i>
BUILDING 4119H											
	4119H	ON SIDE OF BLDG 4119 SUB MOTOR POOL	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,690.00
BUILDING 45H											
	45H	MECH RM ON NORTH SIDE OF BLDG, FENCED STORAGE YARD	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
Total Cost of Priority Group 3 for HICKAM FLIGHT LINE											\$261,520.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
INACTIVE SHIPS, WAIPIO											
BUILDING 2											
	2	NORTHSIDE OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 200											
	200	SOUTHEAST CORNER OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
	200		NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$3,270.00
BUILDING 201											
	201	WEST SIDE OF BUILDING 201	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 34											
	34	EASTSIDE OF BUILDING 34	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 60											
	60	NORTHEAST CORNER OF BUILDING	NO		1"	DCVA	NON HEALTH	1	UNK	NO PROTECTION	\$1,750.00
Total Cost of Priority Group 3 for INACTIVE SHIPS, WAIPIO											\$14,020.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
IROQUOIS PT											
BUILDING											
		IROQUIOS POINT, TELECOM BLDG (BEHIND 6376 IBIS AVE), INSIDE FENCE LINE ON SOUTH SIDE OF BLDG,	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. REPLACING REMOVED SA-JFW 13083	\$1,740.00
BUILDING 6882											
	6882	NORTH SIDE OF BLDG 6882	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
Total Cost of Priority Group 3 for IROQUOIS PT											\$26,570.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
MAKALAPA											
BUILDING 118											
	118	NORTH SIDE OF LOCKER ROOM	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. SEPARATE FROM SERVICE TO POOL PUMP ROOM	\$1,910.00
BUILDING 16											
	16	NORTH SIDE OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 17A											
	17A	NORTH SIDE OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. BLDG SEEMS ABANDONED; SERVICE LINE COLD, INDICATING STILL ACTIVE	\$1,910.00
BUILDING 251											
	251	SE CORNER OF BLDG (OUTSIDE ATTACHED BLDG 252)	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
BUILDING 258											
	258	NORTH SIDE OF BLDG	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
	258	EAST SIDE OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING 372											
	372	NW OF BLDG, LINE CROSSING LUAPELE DR	NO		8"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. SERVES MAKALAPA NGIS COMPLEX	\$50,020.00
BUILDING 396A											
	396A	SE CORNER OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 402											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	402	NE CORNER OF BLDG	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CABINET LOCKED. ASSUMED NO PROTECTION	\$33,530.00
	402	EAST SIDE OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
Total Cost of Priority Group 3 for MAKALAPA											\$137,530.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
MARINE BARRACKS											
BUILDING 197											
	197	NORTHEAST EXTERIOR SIDE OF BLDG 197, FIRE CABINETIS ON THE NORTHERN SIDE.	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 212											
	212	SHYD, OUTLAYING AREA, BLDG 212, SE SIDE OF BLDG	NO		2"	DCVA	HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 226											
	226	SOUTH EXTERIOR SIDE OF BLDG 226, SOUTHEST EXTERIOR CORNER OF BLDG 226	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 273											
	273	NORTHEAST EXTERIOR CORNER OF BLDG 273	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,960.00
	273	SOUTHWEST EXTERIOR CORNER OF BLDG 273	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 279											
	279	OUTHEAST EXTERIOR CORNER OF BLDG 279, INSIDE OF CONCRETE PROTECTION RECTANGULAR RING	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$24,830.00
BUILDING 280											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/Model	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	280	EASTERN EXTERIOR SIDE OF BLDG 280, JUST UNDERNEATH IN THE CRAWL SPACE, IN THE MIDDLE OF THE BLDG	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$24,830.00
BUILDING 283											
	283	SOUTH EXTERIOR SIDE OF BLDG 283, SOUTHEAST EXTERIOR CORNER OF BLDG 283	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 284											
	284	NORTH EXTERIOR SIDE OF BLDG 284, NORTHEAST EXTERIOR CORNER OF BLDG 284	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 285											
	285	SOUTHERN EXTERIOR SIDE OF BLDG 285, JUST UNDERNEATH IN THE CRAWL SPACE IN THE MIDDLE OF THE BLDG,	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$24,830.00
BUILDING 286											
	286	NORTHWEST EXTERIOR SIDE OF BLDG 286, JUST UNDERNEATH IN THE CRAWL SPACE, JUST NORTH OF ELECTRICAL COMPOUND D-1,	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$24,830.00
BUILDING 287											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	287	SOUTHERN EXTERIOR SIDE OF BLDG 287, JUST UNDERNEATH IN THE CRAWL SPACE IN THE MIDDLE OF THE BLDG,	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$24,830.00
BUILDING 35B											
	35B	SOUTHWEST EXTERIOR SIDE OF BLDG 35B, TWO FIRE CABINETS ON OPPOSITE CORNERS OF THE SOUTHWESTERN SIDE.	NO		4"	DCVA	NON HEALTH	2	FIRE SYSTEM	NO PROTECTION	\$49,660.00
Total Cost of Priority Group 3 for MARINE BARRACKS											\$218,510.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
MCGREW POINT											
BUILDING 487											
SA-FWT 12865	487	MCGREW POINT, COMMUNITY CENTER, BLDG 472 (?), FIRE PROTECTION	NO	AMES	4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION. CONTROL VALVE, MPT-BFP-12865, BACKFLOW PREVENTER DOUBLE CHECK, 4", HOUSING; DID NOT LOCATE DCVA ON BLDG EXTERIOR	\$24,830.00
SA-FWT 12866	487	MCGREW POINT, MCGREW LP, COMMUNITY CENTER, BLDG 472 (?), FIRE PROTECTION	NO	AMES	3/4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION. CONTROL VALVE, MPT-BFP-12866, BACKFLOW PREVENTER DOUBLE CHECK, 3/4", HOUSING; DID NOT LOCATE ON BLDG EXT	\$1,740.00
BUILDING 6892											
	6892	MCGREW POINT - LEFT SIDE OF SEWER LIFT STATION ON LEFT BACK SIDE	NO		3"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$23,690.00
Total Cost of Priority Group 3 for MCGREW POINT											\$50,260.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
MOANALUA											
BUILDING 2652											
	2652	MOANALUA, BLDG 2652, COMMISSARY (SHOPPING CENTER NAVY ALOHA CENTER). NORTHWEST EXTERIOR SIDE OF BLDG 2652	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION ON THE MAIN SERVICE LINE FOR BLDG 2652. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING	\$3,910.00
Total Cost of Priority Group 3 for MOANALUA											\$3,910.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
NAVAL STATION											
BUILDING 1208											
	1208	UNDER SINK IN THE BATHROOM	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,690.00
BUILDING 1262											
	1262	BLDG 1262, B 5, SUBASE (INT, ROOM X-7) (S/B TRAIN'G FAC)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$15,260.00
BUILDING 1330											
	1330	WESTSIDE OF CONNECTING WALKWAY	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,180.00
BUILDING 1333											
	1333	BOILER ROOM CENTER OF BLDG	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00
BUILDING 1335											
SA-FWP 1851	1335	INSIDE BOILER ROOM	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00
BUILDING 1337											
	1337	SOUTHWEST CORNER OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 1368											
	1368	NORTHWEST SIDE OF BUILDIN 1368	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. SERVINE TO BLDG 187, 1367, 1368, AND 2189. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$23,690.00
BUILDING 148											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWV 0433BP	148	NORTHERN INT OF BLDG	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. CONTROL VALVE, NS- BFP-0433BP, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION	\$15,260.00
BUILDING 1496											
	1496	SOUTHSIDE OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,910.00
BUILDING 1497											
	1497	INSIDE ROOM	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00
BUILDING 1498											
SA-FWP 1851	1498	INSIDE BOILER ROOM	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 150											
	150	WESTSIDE OF BUILDING IN PARKING LOT	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 1508											
	1508	WESTSIDE OF BLDG	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. SERVICE TO BLDGS 1506, 1507, AND 1508	\$24,830.00
BUILDING 1598											
	1598	SOUTHEAST CORNER OF BLDG	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
BUILDING 1631											
	1631	WESTSIDE OF BUILDING	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00
BUILDING 1719											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	1719	NORTHSIDE OF BUILDING BY ENTRENCE	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 1722											
	1722	SW CORNER OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 1746											
	1746	EASTSIDE OF BUILDING IN BETWEEN ENTRY DOORS	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,910.00
BUILDING 1753											
	1753		NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 204											
	204	BLDG 204	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,910.00
BUILDING 216											
	216	SOUTHWEST CORNER	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING 229											
	229	SOUTHWEST CORNER OF COVERED STORAGE AREA	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 9478											
	9478	EAST SIDE OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00

Total Cost of Priority Group 3 for NAVAL STATION

\$201,930.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
OHANA NUI											
BUILDING 3456											
	3456	ASSET SCHOOL NEAR PARKING LOT FENCE	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
	3456	ASSET SCHOOL NEAR PARKING LOT FENCE	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 5301-KOE											
	5301-KOE	OHANA NUI, NORTH EXTERIOR SIDE OF AIRPORT US POST OFFICE, BETWEEN FENCE AND BUILDING, WEST OF AC UNITS	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 891											
	891	RESERVE FLEET BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. NOT IN THE SYSTEM	\$3,910.00
BUILDING ASSETS SC											
	ASSETS SCHOOL	1 OHANA NUI WAY EXTERIOR BY TRAILERS SOUTH SIDE BY FENCE	NO		3"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION TO SCHOOL	\$8,510.00
	ASSETS SCHOOL	1 OHANA NUI WAY EXTERIOR BY TRAILERS SOUTH SIDE BY FENCE	NO		3"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION TO SCHOOL	\$8,510.00
BUILDING BAPTIST C											
	BAPTIST CHURCH	3950 PAINE CIR NEXT TO METER BEHIND CHURCH	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

<i>Asset #</i>	<i>Bldg</i>	<i>Location</i>	<i>Inst</i>	<i>Make/M</i>	<i>Size</i>	<i>Type</i>	<i>Hazard</i>	<i>Qt.</i>	<i>Installed On</i>	<i>Comments</i>	<i>Cost</i>
				<i>odel</i>	<i>in</i>		<i>Level</i>				
BUILDING NIMITZ ELE											
	NIMITZ ELEM SCHOOL	EXTERIOR BY THE SERVICE METERS TO SCHOOL INSIDE THE FENCE NEXT TO MAINT ST	NO		1"	DCVA	NON HEALTH	5	MAIN SERVICE	NO PROTECTION TO SCHOOL	\$9,550.00
Total Cost of Priority Group 3 for OHANA NUI											\$93,870.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
PEARL CITY INDUST											
BUILDING 74											
	74	NW INTERIOR CORNER	NO		3"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$23,690.00
BUILDING 75											
	75	NW INTERIOR CORNER	NO		3"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$23,690.00
BUILDING 794											
	794		NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,270.00
BUILDING 992											
	992	PEARL CITY, INDUST., BLDG 992, V-5, WEST EXTERIOR SIDE OF BLDG 992, NORTHERN MOST FIRE SPRINKLER RISER SYSTEMS CABINET	NO		6"	DCVA	HEALTH	1	FIRE SYSTEM	NO PROTECTION ON FIRE LINE	\$33,530.00
	992	PEARL CITY, INDUST., BLDG 992, V-5, WEST EXTERIOR SIDE OF BLDG 992, WATER PIT NORTH OF THE MAIN ENTRANCE	NO		3"	DCVA	NON HEALTH	2	MAIN SERVICE	NO PROTECTION. NEEDS 2 NEW TESTABLE BFP DEVICES ON THE MAIN WATER LINE TO THE BLDG 992, 2 BFP ON BYPASS	\$17,220.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	992	PEARL CITY, INDUST., BLDG 992, V-5, WEST EXTERIOR SIDE OF BLDG 992, SOUTHERN MOST FIRE SPRINKLER RISER SYSTEMS CABINET	NO		6"	DCVA	HEALTH	1	FIRE SYSTEM	NO PROTECTION ON FIRE LINE	\$33,530.00
	992	PEARL CITY, INDUST., BLDG 992, V-5, WEST EXTERIOR SIDE OF BLDG 992, MIDDLE FIRE SPRINKLER RISER SYSTEMS CABINET	NO		6"	DCVA	HEALTH	1	FIRE SYSTEM	NO PROTECTION ON FIRE LINE	\$33,530.00
BUILDING 998											
	998		NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. INSTALL A NEW BFP WHERE THE WATER MAIN COMES INTO BLDG 998	\$3,270.00
BUILDING B795											
	B795	BALL FIELD - MAKALAPA	NO		3"	DCVA	NON HEALTH	1	FIRE SPRINKLER SYSTEM	NO PROTECTION TO FIRE SPRINKLER SERVICE OF LIFT STATION	\$23,690.00
Total Cost of Priority Group 3 for PEARL CITY INDUST											\$195,420.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/Model	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
PWC COMPOUND											
BUILDING 35											
	35	SOUTHSIDE CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING 39											
	39	NORTHWEST CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING 40											
	40	NORTHWEST CORNER OF BUILDING	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,510.00
BUILDING 43											
	43	NORTHWEST CORNER OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 44											
	44	NORTHSIDE OF BUILDING FRONT OF PARKINGLOT	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
	44	NORTHSIDE OF BUILDING FRONT OF PARKINGLOT	NO		6"	DCVA	NON HEALTH	2	FIRE SYSTEM	NO PROTECTION	\$67,060.00
BUILDING 55											
	55	SOUTHEAST CORNER CORNER OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 59											
	59	SOUTHSIDE OF BLDG	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	59	PAVILLION WEST OF BLDG 59 SERVICE LIVE SOUTHSIDE OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,900.00
BUILDING 62											
SA-FWK 01591BP	62	PWC COMPOUND AREA, BLDG 62, LEFT FRONT ENTRANCE OF NAVY FED. CREDIT UNION	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 63											
SA-FWK 0166BP	63	PWC PEARL - BLDG 63 PENTAGON FEDERAL CREDIT UNION	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. REPLACED SA-FWK 0166BP	\$1,910.00
BUILDING 70											
	70	PWC COMPOUND - MARSHALL RD., BACK OF NEX APPLIANCE STORE	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,900.00
BUILDING 71											
	71	SOUTHSIDE OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 74											
	74	NORTHEAST OF BUILDING IN BETWEEN X8	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,750.00
BUILDING 75											
	75	NORTHWEST CORNER OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 76											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	76	SOUTHEAST CORNER OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 78											
	78	SOUTHSIDE OF BLDG	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING A12											
SA-FWK 01591BP	A12	SOUTHEAST CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING A13											
	A13	NORTHWEST CORNER OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. PROPOSED FOR SA-FWK 0163BP	\$3,270.00
BUILDING A4											
	A4	SOURTHSIDE OF BUILDING	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
	A4	SOUTHEAST CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING A7											
	A7	NORTHEAST CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING A8											
	A8	NORTHEAST CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING C27											
	C27	NORTHSIDE OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING MP3											
	MP3	NORTHWEST CORNER OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,900.00
BUILDING X1											
	X1	SOURTHWEST CORNER OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING X11											
	X11	SOUTHSIDE INSIDE PUMP ROOM	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
	X11	SOUTHSIDE OF BUILDING NEXT TO FIRE RISER	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING X12											
	X12	NORTHWEST CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING X17											
	X17	SOURTHSIDE OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING X20											
	X20	NORTHSIDE OF BUILDING	NO		2-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$7,280.00
BUILDING X5											
	X5	WESTSIDE OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
BUILDING X9											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

<i>Asset #</i>	<i>Bldg</i>	<i>Location</i>	<i>Inst</i>	<i>Make/M</i>	<i>Size</i>	<i>Type</i>	<i>Hazard</i>	<i>Qt.</i>	<i>Installed On</i>	<i>Comments</i>	<i>Cost</i>
				<i>odel</i>	<i>in</i>		<i>Level</i>				
	X9	SOUTHWESAT CORNER OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
Total Cost of Priority Group 3 for PWC COMPOUND											\$230,390.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
RICHARDSON CENTER											
BUILDING 103											
	103	SOUTH CORNER OF BUILDING WITH VALVE NO DEVICE	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING 23											
	23	NORTHEAST CORNER OF BUILDING BURIED WITH COVER METER AND VALVE NO BFP	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 500											
	500	SOUTHEAST CORNER OF 500	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,880.00
BUILDING 501											
	501	SOUTH CORNER OF 501	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,880.00
BUILDING 502											
	502	SOUTHSIDE OF BUILDING 502 ALONG WATER FRONT	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,900.00
BUILDING 550											
	550	BETWEEN BUILDING 550 BUS LOOP AND PARKING LOT	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 604											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	604	EASTSIDE OF BUILDING 604 PARKING LOT	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$3,910.00

Total Cost of Priority Group 3 for RICHARDSON CENTER

\$21,130.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SHIPYARD											
BUILDING 1											
	1	NAVSTA, BLDG 1, NE CORNER OF BLDG 1, IN THE GRASS	NO		2"	DCVA	NON HEALTH	5	MAIN SERVICE	NO PROTECTION. COPPER WATER LINE IS ON EVERY SIDE OF THE BUILDING IN THE CRAWL SPACE	\$19,550.00
BUILDING 129											
	129	SE CORNER OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. MAIN SERVICE LINE ONLY FOR RESTROOMS & DRINKING FOUNTAIN IN OFFICE SPACE	\$1,900.00
	129	ALONG SOUTH SIDE OF BLDG	NO		6"	DCVA	NON HEALTH	7	FIRE SYSTEM	NO PROTECTION. 7 FIRE RISERS INSIDE LOCKED FIRE CLOSETS ALONG BLDG EXT	\$234,710.00
BUILDING 13											
	13	SE CORNER OF BLDG	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,960.00
BUILDING 139											
	139	NW CORNER OF BLDG	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,960.00
BUILDING 14											
	14	SHYD, SOUTHEAST EXTERIOR CORNER OF BLDG B-12, OUTSIDE CIA FENCE LINE	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 140											
	140	SOUTH SIDE OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 1443											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/Model	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	1443	INT CLOSET ON EAST SIDE OF BLDG (CONTAINS FIRE RISER)	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 1444											
	1444	NE CORNER OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. BLDG LOCKED	\$3,910.00
BUILDING 1456											
	1456	INT WEST WALL	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 1464											
	1464	SW CORNER OF BLDG	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 149											
	149	SHYD, CIA, B-149, E 20, (LOCATED PWR PLT 2, IN MIXED BEDS DI RM, SEE WATCH SPRVSR)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. CONNECTION TO WASHING MACHINE UPSTREAM OF BFP DEVICE SA-FW 1194	\$15,260.00
	149	SW CORNER OF FENCED AREA SURROUNDING BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. SERVICE LINE FOR EYE WASH STATION W/HOSE BIBB	\$1,900.00
BUILDING 154											
	154	SHYD, NORTHEAST INTERIOR SIDE OF BLDG 154, MIDDLE OF THE BLDG, OUTSIDE CIA FENCE LINE	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	154	SHYD, SOUTHWEST INTERIOR SIDE OF BLDG 154, MIDDLE OF THE BLDG, OUTSIDE CIA FENCE LINE	NO		6"	DCVA	NON HEALTH	2	FIRE SYSTEM	NO PROTECTION	\$67,060.00
BUILDING 155											
	155	INT, WEST WALL & SW CORNER	NO		6"	DCVA	NON HEALTH	2	FIRE SYSTEM	NO PROTECTION. CONTROL VALVE, SY-BFP-3373, BACKFLOW PREVENTER REDUCED PRESSURE	\$67,060.00
BUILDING 158											
	158	INT NORTHEAST SIDE (SOUTHEAST HALF OF BLDG)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. BLDG HAS NO FIRE SPRINKLER SYSTEM	\$24,830.00
	158	INT NORTHEAST SIDE (NORTHWEST HALF OF BLDG)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. BLDG HAS NO FIRE SPRINKLER SYSTEM; ALSO SERVES BLDG 244 DOWNSTREAM	\$24,830.00
BUILDING 1588											
	1588	NORTEAST CORNER	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,270.00
BUILDING 159											
	159	INT SW SIDE (WEST)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
	159	INT SW SIDE (EAST)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 164											
	164	INT SW SIDE (WEST)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
	164	INT SW SIDE (EAST)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 165											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	165	INT SW SIDE (CENTRAL)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
	165	INT SW SIDE (WEST)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
	165	INT SW SIDE (EAST), AREA RESTRICTED	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 166											
	166	INT NE SIDE (EAST)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
	166	INT NE SIDE (WEST)	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 1663											
	1663	EAST SIDE OF BLDG	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION. CONTROL VALVE, SY- BFP-66000	\$33,530.00
BUILDING 1665											
	1665	NORTHEAST EXTERIOR CORNER OF BLDG 1665, EAST OF CONCRETE APRON, WEST OF FIRE LINES	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
	1665	NORTHEAST EXTERIOR CORNER OF BLDG 1665, SOUTH OF ELECTRIAL SUBSTATION C-2	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 1670											
	1670	NE SIDE OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. MAIN SERVICE LINE SERVES OFFICE RESTROOMS & BREAKROOMS. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,910.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 1673											
	1673	SHYD, NEAR S/Y TRANSPORTATION, NORTHEAST EXTERIOR SIDE OF BLDG 1673	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 1673A											
	1673A	SOUTHSIDE OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 1709											
	1709		NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. INACTIVE LAUNDRY BLDG STILL HAS RUNNING WATER, ONLY HOSE BIBBS & DEEP SINKS REMAIN (ALL OTHER EQUIPMENT REMOVED), RISER PIPE MAY BE IN MECH RM ON NORTH SIDE (LOCKED). SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,910.00
BUILDING 1744											
	1744	NORTHSIDE OF BILDING	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING 1748											
	1748	SOUTHEAST INT CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 207											
	207	SOUTH SIDE OF BLDG, LINE BURIED	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE SIZE FROM JOE DEHL AND RECENT REPAIR	\$3,270.00
BUILDING 215											
	215	NW & SE CORNERS OF BLDG	NO		4"	DCVA	NON HEALTH	2	MAIN SERVICE	NO PROTECTION	\$30,520.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 2192											
	2192	SE SIDE OF BLDG, BLDG LOCATED B/W DD1 & DD2	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 2193											
	2193	NORTH CORNER OF BLDG FACING DD2	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 327											
	327	MAIN DOOR CLOSET ON LEFT	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
	327	BACK OF BLDG NW SIDE	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
BUILDING 394											
	394	SHYD, B-394, SOUTHEAST EXTERIOR CORNOR OF BLDG 394, YELLOW CIRCULAR VALVE COVER	NO		6"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$33,530.00
BUILDING 397											
	397	NORTH CORNER OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 3A											
	3A	SW CORNER OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LIKELY SERVICES BLDGS 3A & 3B. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,910.00
	3A	EAST SIDE OF BLDG	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 41											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	41	NORTH SIDE OF BLDG UNDER STAIRWELL	NO		1-1/2"	DCVA	NON HEALTH	2	MAIN SERVICE	NO PROTECTION	\$6,540.00
BUILDING 44A											
	44A	SOUTHWEST CORNER OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$3,270.00
BUILDING 45											
	45	UPSTREAM OF BFPS SA-FW 381 & SA-FW 382	NO		1"	DCVA	NON HEALTH	2	MAIN SERVICE	NO PROTECTION. UNPROTECTED HOSE BIBBS UPSTREAM OF BFPS	\$3,820.00
BUILDING 56											
	56	EAST SIDE OF BLDG NEAR MAIN ENTRANCE	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,510.00
BUILDING 67A											
	67A	SHYD, CIA, B-67, NEAR S1112	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. RESTROOM CONNECTION UPSTREAM OF BFP SA- FW 671	\$3,910.00
BUILDING 7											
	7	ALONG NORTH INTERIOR WALL	NO		6"	DCVA	NON HEALTH	3	FIRE SYSTEM	NO PROTECTION	\$100,590.00
BUILDING 90											
	90	EASTSIDE OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$3,270.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	90	SOUTHWEST CORNER OF BLDG	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION. CONTROL VALVE, SY- BFP-29BP	\$33,530.00
BUILDING 92											
	92	SOUTH SIDE OF BLDG	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,950.00
BUILDING S246											
	S246	SW CORNER OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
Total Cost of Priority Group 3 for SHIPYARD											\$1,281,680.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SUBASE											
BUILDING 1272											
	1272	WESTSIDE OF BUILDING 1272	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$3,910.00
BUILDING 1310											
	1310	EASTSIDE OF BUILDING	NO		2-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$7,250.00
	1310	WESTSIDE OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$3,910.00
BUILDING 1320											
	1320	NORTH SIDE OF BLDG	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 1341											
	1341	NOT SURE WHERE THE SERVICE LINE COMES IN THE BUILDING	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$23,690.00
BUILDING 1366											
	1366	NORTHWEST CORNER INSIDE POOL PUMP RM	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 1594											
	1594	NW CORNER	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 1663											
	1663	INSIDE BATHROOM WALL	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,910.00
BUILDING 1682											
	1682	N SIDE OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 1694											
	1694	SOUTH END OF BUILDING	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$15,260.00
BUILDING 1731											
	1731	INSIDE BUILDING MECH RM	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 1732											
	1732	SOUTHSIDE OF BLDG	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,690.00
BUILDING 1733											
	1733	FIREPUMP ROOM SOUTH SIDE OF BUILDING	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,610.00
BUILDING 1736											
	1736	SE CORNER	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING 1747											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	1747	SOUTHWEST CORNER OF BUILDING IN FIRE ROOM	NO		8"	DCVA	NON HEALTH	2	FIRE SYSTEM	NO PROTECTION	\$100,040.00
	1747	WESTSIDE OF THE BUILDING	NO		8"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$50,020.00
BUILDING 1749											
	1749	NORTHSIDE OF BLDG	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
BUILDING 1757											
	1757	WESTSIDE OF BUILDING 1757 ALONG ROAD	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$3,270.00
BUILDING 1759											
	1759	SOUTHEAST CORNER OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 1762											
	1762	NORTHWEST CORNER OF BUILDING UNDER CANAPE	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
	1762	NORTHWEST CORNER OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,270.00
BUILDING 1766											
	1766	INSIDE STORGE RM 110	NO		2-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$7,280.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	1766	EASTSIDE OF THE BUILDING	NO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$24,830.00
BUILDING 1900											
	1900	EAST SIDE OF BLDG INSIDE MECHANICAL/ELECTRICAL RM	NO		2-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$7,280.00
BUILDING 404B											
	404B	SOUTHEAST CORNER OF BUILDING INSIDE OF CABINET	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CABINET LOCKED. ASSUMED NO PROTECTION	\$33,530.00
BUILDING 405B											
	405B	INSIDE SOUTHSIDE BAY DOOR	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 406B											
	406B	NEXT TO SOUTH BAY DOOR	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
	406B	NORTHEAST CORNER	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
	406B	SOUTHEAST CORNER OF BUILDING	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 414											
	414	NE CORNER	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING 416											
	416	NE CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING 418											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	418		NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
	418	SOUTHWEST SIDE OF BLDG IN FIR CABINET	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 427											
	427	FISC, BLDG 427,	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 445											
	445	NEXT TO FIRE PROTECTION CABINET	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,960.00
BUILDING 448											
	448	SOUTHWEST SIDE OF BUILDING	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 449											
	449	EASTSIDE OF BUILDING	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 451K											
	451K	NORTHEAST CORNER OF BUILDING	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
	451K	NORTHWEST CORNER	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 452K											
	452K	SOUTHWEST CORNER OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$3,910.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/Model	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 474											
	474	NORTHWEST INT. CORNER OF BUILDING	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 475											
	475	SOUTHWEST CORNER INSIDE BUILDING 475 MENS RR	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 479											
	479	SOUTH SIDE INSIDE MENS RR IN GENERAL DEPOT	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,510.00
BUILDING 482											
	482	NORTHWEST ORNER OF MENS RESTROOM	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 489											
	489	SOUTHEAST CORNER OF BUILDING	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
	489	INSIDE SOUTH BAY DOOR	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
	489	NORTHEAST CORNER OF BUILDING	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PROTECTION	\$33,530.00
BUILDING 490											
	490	SW CORNER	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CABINET LOCKED. ASSUMED NO PROTECTION	\$33,530.00
	490	NW CORNER	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CABINET LOCKED. ASSUMED NO PROTECTION	\$33,530.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 491											
	491	NE CORNER	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CABINET LOCKED. ASSUMED NO PROTECTION	\$33,530.00
	491	SE CORNER INSIDE FENCE AREA	NO		6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CABINET LOCKED. ASSUMED NO PROTECTION	\$33,530.00
BUILDING 584											
	584	NORTHEAST CORNER OF BUILDING NEAR IRRIGATION BFP	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,270.00
BUILDING 626											
	626	SOUTH CORNER OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 628											
	628	WEST SIDE OF BUILDING	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,660.00
BUILDING 644											
	644	SOUTHSIDE OF BLDG	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,510.00
BUILDING 654											
	654	NORTHEAST SIDE OF BUILDING INSIDE BOILER ROOM	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$15,260.00
BUILDING 659A											
	659A	NORTHSIDE OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 662											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	662	DOOR HATCH NEXT TO ENTRY STAIRWAY (CONFINED SPACE)	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$23,690.00
BUILDING 665											
	665	EXT WATERHEATER CLOST BETWEEN 665 & 666	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,900.00
BUILDING 676											
	676	NORTH SIDE OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 679											
	679	INSIDE STRM #10 CLOSET	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 680											
	680	NORTHWEST CORNER INT.	NO		3"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$8,510.00
BUILDING 681											
	681	NE CORNER	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 709											
	709	NORTHSIDE OF BUILDING 709	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,900.00
BUILDING S484											
	S484	SOUTHSIDE OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,900.00
BUILDING S485											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

<i>Asset #</i>	<i>Bldg</i>	<i>Location</i>	<i>Inst</i>	<i>Make/M</i>	<i>Size</i>	<i>Type</i>	<i>Hazard</i>	<i>Qt.</i>	<i>Installed On</i>	<i>Comments</i>	<i>Cost</i>
				<i>odel</i>	<i>in</i>		<i>Level</i>				
	S485	NE CORNER	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
BUILDING S638											
	S638	SOUTHEAST CORNER OF BUILDING	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,740.00
Total Cost of Priority Group 3 for SUBASE											\$1,068,720.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
WEST LOCH											
BUILDING 3											
	3	INT SE CORNER OF BUILDING	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,950.00
BUILDING 432											
	432	WESTSIDE OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
BUILDING 436											
	436	NORTHSIDE OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
BUILDING 440											
	440	SOUTHSIDE NEXT TO CODE A TANK	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,120.00
	440	INSIDE MECH RM 20	NO		4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$24,830.00
BUILDING 444											
	444	INSIDE RM WALL	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$1,910.00
BUILDING 484											
	484	NORTHEAST CORNER OF BUILDING	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 5											
	5	WESTSIDE ALONG FENCE LINE	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,900.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 54											
	54	NORTHSIDE OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING 547											
	547	NORTHSIDE OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$1,910.00
BUILDING 562											
	562	NORTHWEST CORNER OF BLDG	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 563											
	563	NORTHWEST OF BUILDING NEAR POL ASTS	NO		2"	DCVA	NON HEALTH	1	LAWN SPRINKLER	NO PROTECTION	\$3,780.00
SA-IFW 11744	563	INSIDE MECH/STORAGE ROOM IN CORNER NEXT TO FIRE	NO		1-1/2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,270.00
BUILDING 587											
	587	SOUTHWEST CORNER	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
	587	NORTHWEST CORNER	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 588											
	588	WEST LOCH, BLDG 588, MAINT FAC OFF, RT SIDE OF BLDG BY WTR HTR RM	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,910.00
BUILDING 595											

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	595	EAST OF BUILDING	NO		1"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$1,910.00
BUILDING 604											
SA-IFW 1401	604	BLDG 604, WEST LOCH, WEST LOCH (INT, BOILER ROOM) OUTAGE REQUIRED	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,910.00
BUILDING 612											
	612	NORTHWEST SIDE OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$3,780.00
BUILDING 621											
	621	NORTHWEST SEIDE OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED. RECOMMEND AN RP BECAUSE OF ALL OF THE IRRIGATION LINES FROM INSIDE THE BUILDING.	\$3,910.00
BUILDING 623											
	623	SOUTHWEST SIDE OF BUILDING	NO		3/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$1,660.00
BUILDING 8											
	8	NW CORNER OF BUILDING	NO		1-1/4"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION	\$2,950.00
BUILDING Q345											
	Q345	SOUTHEAST OF BUILDING	NO		2"	DCVA	NON HEALTH	1	MAIN SERVICE	NO PROTECTION. LINE NOT LOCATED ON EXISTING MAPPING. CAN'T VERIFY SIZE/MATERIAL. SIZE IS AN ESTIMATE AND NEED TO BE VERIFIED	\$3,780.00
Total Cost of Priority Group 3 for WEST LOCH											\$88,500.00

Priority Group 3 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
				odel	in		Level				

Total Number of Records Found: 372

Total Number of Devices Found: 399

Total Cost of Priority Group 3 Devices: \$5,211,870.00

APPENDIX H

Report of Priority Group 4 Findings

(Provided Electronically)

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
CAMP SMITH												
BUILDING 125A												
SA-QFW 391	125A	BLDG 20, CMP SMITH, CAMP SMITH (XTR ADJ BLDG 101 IPAC) SCH WTR OUTAGE W/ACTIVITY !DH SIDE	YES	WATTS	169180	1-1/2"	RP	HEALTH	1	MAIN SERVICE	NO TAG. PLATE MISSING. CONTROL VALVE, CS-BFP-391, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
Total Cost of Priority Group 4 for CAMP SMITH												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
CATLIN PARK												
BUILDING 2651												
SA-FWE 0389BP	2651	SOUTH SIDE OF PESTICIDE STORAGE AREA	YES	WATTS	284729	1-1/4"	RP	HEALTH	1	MAIN SERVICE	TAG INDICATES 1". ASSET NUMBER SA-FWG 0389BP WITH SAME SN WAS DELETED	\$150.00
BUILDING 3209-DEW												
SA-FWF 12491	3209- DEW	CATPAR, CATLIN PARK; METER 1842, DEWERT LN (SHIELDS ST END), NEAR UNIT 3209	YES	WATTS	27903	3"	RP	HEALTH	1	IRRIGATION SYSTEM	LOW - ONLY 9" ABOVE GRADE. CONTROL VALVE, CP-BFP-12491, BACKFLOW PREVENTER REDUCED PRESSURE, 3", HOUSING	\$2,420.00
Total Cost of Priority Group 4 for CATLIN PARK												\$2,570.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
DORIS MILLER												
BUILDING 2277												
SA-FWF 132	2277	DORMIL, BLDG 2278, DORIS MLR, (LOCATION, LIFT STATION MR 20)	YES	WATTS	190550	3/4"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, DM-BFP-132, BACKFLOW PREVENTER REDUCED PRESSURE. SN 343458 CHANGED	\$150.00
BUILDING 7002												
	7002	INSIDE LIFT STATION	YES	FEBCO		3/4"	DCVA	HEALTH	1	MAIN SERVICE	NO TAG. COULD NOT READ MODEL OR SN. UNDER PROTECTED NEEDS RP. NOT IN THE SYSTEM	\$150.00
BUILDING 7362												
SA-FWE 0631BP	7362	FIRESTAND, DORIS MILLER PARK, DORMIL-2987-DRISKELL-DR	YES	WATTS	26841	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM-BFP-0631BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7363												
SA-FWE 0630BP	7363	FIRESTAND, DORIS MILLER PARK, DORMIL-2993-DRISKELL-DR	YES	WATTS	07429	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM-BFP-0630BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7366												
SA-FWE 0627BP	7366	3011 CURTIS DR., FIRESTAND, DORIS MILLER PARK	YES	WATTS	09698	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM-BFP-0627BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7368												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWE 0625BP	7368	3021 MOORE DR., FIRESTAND, DORIS MILLER PARK	YES	WATTS	42700	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0625BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7369												
SA-FWE 0624BP	7369	3025 MOORE DR., FIRESTAND, DORIS MILLER PARK	YES	WATTS	42769	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0624BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7370												
SA-FWE 0623BP	7370	3031 MOORE DR., FIRESTAND, DORIS MILLER PARK	YES	WATTS	06752	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0623BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7372												
SA-FWE 0621BP	7372	FIRESTAND, DORIS MILLER PARK, DORMIL-3045-DALY- DR	YES	WATTS	27843	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0621BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
SA-FWE 0263BP	7372	DORIS MILLER - NIMITZ RD & DALY DR	YES	FEBCO	B13578	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, DM-BFP-0263BP, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING; TAG SERIAL NUMBER (BL0689) DOES NOT MATCH PLATE ON DEVICE (B13578)	\$150.00
BUILDING 7373												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWE 0620BP	7373	FIRESTAND, DORIS MILLER PARK, DORMIL-3051-DALY- DR	YES	WATTS	10273	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0620BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7374												
SA-FWE 0593BP	7374	FIRESTAND, DORIS MILLER PARK, DORMIL-3024- VAESSEN-CT	YES	WATTS	29007	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0593BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7375												
SA-FWE 0594BP	7375	FIRESTAND, DORIS MILLER PARK, DORMIL-3032- VAESSEN-CT	YES	WATTS	08320	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0594BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG	\$0.00
BUILDING 7376												
SA-FWE 0595BP	7376	FIRESTAND, DORIS MILLER PARK, DORMIL-3038- VAESSEN-CT	YES	WATTS	42713	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0595BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7377												
SA-FWE 0596BP	7377	FIRESTAND, DORIS MILLER PARK, DORMIL-3044- VAESSEN-CT	YES	WATTS	07361	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0596BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00

BUILDING 7378

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWE 0597BP	7378	FIRESTAND, DORIS MILLER PARK, DORMIL-3048- VAESSEN-CT	YES	WATTS	38744	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0597BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7379												
SA-FWE 0598BP	7379	FIRESTAND, DORIS MILLER PARK, DORMIL-3056- VAESSEN-CT	YES	WATTS	06104	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0598BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7381												
SA-FWE 0600BP	7381	FIRESTAND, DORIS MILLER PARK, DORMIL-3068- VAESSEN-CT	YES	WATTS	26499	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0600BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7383												
SA-FWE 0602BP	7383	FIRESTAND, DORIS MILLER PARK, DORMIL-3080- VAESSEN-CT	YES	WATTS	06108	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0602BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7384												
SA-FWE 0604BP	7384	3088 HAILEY CT, FIRESTAND, DORIS MILLER PARK	YES	WATTS	26846	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0604BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7385												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
				odel		in		Level				
SA-FWE 0605BP	7385	3096 HAILEY CT, FIRESTAND, DORIS MILLER PARK	YES	WATTS	28177	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0605BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7387												
SA-FWE 0607BP	7387	3108 HALEY CT, FIRESTAND, DORIS MILLER PARK	YES	WATTS	29008	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0607BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING	\$0.00
BUILDING 7389												
SA-FWE 0609BP	7389	3120 HAILEY CT, FIRESTAND, DORIS MILLER PARK	YES	WATTS	10268	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0609BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7391												
SA-FWE 0611BP	7391	3132 HAILEY CT, FIRESTAND, DORIS MILLER PARK	YES	WATTS	09899	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0611BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7392												
SA-FWE 0582BP	7392	FIRESTAND, DORIS MILLER PARK, DORMIL-3140- SNYDER CT	YES	WATTS	10419	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BF-0582BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00

BUILDING 7393

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWE 0583BP	7393	FIRESTAND, DORIS MILLER PARK	YES	WATTS	42711	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0583BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7394												
SA-FWE 0584BP	7394	FIRESTAND, DORIS MILLER PARK, DORMIL-3152- SNYDER-CT	YES	WATTS	06757	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0584BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7395												
SA-FWE 0585BP	7395	FIRESTAND, DORIS MILLER PARK,DORMIL-3160- SNYDER-CT	YES	WATTS	29002	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0585BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING OUSIDE IN STAINLESS STEEL BOX SIDE OF HOUSE	\$0.00
BUILDING 7396												
SA-FWE 0586BP	7396	FIRESTAND, DORIS MILLER PARK, DORMIL-3164- SNYDER-CT	YES	WATTS	42708	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0586BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7397												
SA-FWE 0587BP	7397	FIRESTAND, DORIS MILLER PARK, DORMIL-3172- SNYDER-CT	YES	WATTS	06751	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0587BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7399												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWE 0589BP	7399	FIRESTAND, DORIS MILLER PARK, DORMIL-3184- SNYDER-CT	YES	WATTS	10278	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0589BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7400												
SA-FWE 0590BP	7400	FIRESTAND, DORIS MILLER PARK, DORMIL-3192- SNYDER-CT	YES	WATTS	06750	1-1/2"	RP	HEALTH	1	FIRE SYSTEM	DRAIN PIPE BLOCKING PORTS IS REMOVABLE. CONTROL VALVE, DM-BFP-0590BP, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING; NO TAG	\$1,130.00
BUILDING 7401												
SA-FWE 0591BP	7401	FIRESTAND, DORIS MILLER PARK, DORMIL-3198- SNYDER-CT	YES	WATTS	42714	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0591BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7402												
SA-FWE 0592BP	7402	FIRESTAND, DORIS MILLER PARK, DORMIL-3204- SNYDER-CT	YES	WATTS	10275	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0592BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7404												
SA-FWE 0613BP	7404	FIRESTAND, DORIS MILLER PARK, DORMIL-3220- PETERSON-CT	YES	WATTS	42712	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0613BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7405												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWE 0614BP	7405	FIRESTAND, DORIS MILLER PARK, DORMIL-3226- PETERSON-CT	YES	WATTS	08296	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0614BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7406												
SA-FWE 0615BP	7406	FIRESTAND, DORIS MILLER PARK, DORMIL-3234- PETERSON-CT	YES	WATTS	06746	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0615BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7407												
SA-FWE 0616BP	7407	FIRESTAND, DORIS MILLER PARK, DORMIL-3240- PETERSON-CT	YES	WATTS	42707	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0616BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7408												
SA-FWE 0617BP	7408	FIRESTAND, DORIS MILLER PARK, DORMIL-3246- PETERSON-CT	YES	WATTS	07671	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0617BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; CORRODED PIPING; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 7409												
SA-FWE 0618BP	7409	FIRESTAND, DORIS MILLER PARK, DORMIL-3254- PETERSON-CT	YES	WATTS	10430	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0618BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7410												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

<i>Asset #</i>	<i>Bldg</i>	<i>Location</i>	<i>Inst</i>	<i>Make/M</i>	<i>Serial No.</i>	<i>Size</i>	<i>Type</i>	<i>Hazard</i>	<i>Qt.</i>	<i>Installed On</i>	<i>Comments</i>	<i>Cost</i>
			<i>odel</i>			<i>in</i>		<i>Level</i>				
SA-FWE 0619BP	7410	FIRESTAND, DORIS MILLER PARK, DORMIL-3262- PETERSON-CT	YES	WATTS	26842	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, DM- BFP-0619BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
<i>Total Cost of Priority Group 4 for DORIS MILLER</i>												\$1,580.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
FORD ISLAND												
BUILDING 130												
SA-FWS 1302	130	FORD ISLAND, BLDG 130, ACROSS OF B-130, BETWEEN BLDGS: NOAA, BEHIND B-130 (BLDG W/ 2 ROLL-UP DOORS, BFP BETWEEN)	YES	WILKINS	U28712	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, FI-BFP-1302, BACKFLOW PREVENTER REDUCED PRESSURE, FIRE PROTECTION. METAL TAG SIZE IS INCORRECT.	\$150.00
BUILDING 167												
SA-FWS 211	167	FORD ISLAND, B-184, AVOCET ST., SOUTHWEST EXTERIOR CORNER OF BLDG 167	YES	WILKINS	J36033	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO TAG OR READABLE PLATE. CONTROL VALVE, FI-BFP-211, BACKFLOW PREVENTER REDUCED PRESSURE. FIRE PROTECTION	\$150.00
BUILDING 26A												
SA-FWS 2802	26A	BLDG 26, FORD ISLAND (EXTERIOR, SOUTHWEST CORNER OF BLDG 26A, BETWEEN BLDG 26 AND 26A	YES	WATTS	157536	3/4"	RP	HEALTH	1	CHILLER MAKE UP	BFP MUST BE AT LEAST 12" OFF THE GROUND. CONTROL VALVE, FI-BFP-2802, BACKFLOW PREVENTER DOUBLE CHECK	\$790.00
BUILDING 325F												
SA-FWS 325	325F	FORD ISLAND, ACROSS B-325F LANGLEY AVE. SOUTHEAST OF BLDG 325 (BLDG SIGN READS 325F 2817)	YES	FEBCO	H05035	2"	RP	HEALTH	1	IRRIGATION SYSTEM	MUST BE 12" OFF OF THE GROUND. CONTROL VALVE, FI-BFP-325 BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING. SERIAL NUMBER IS UNREADABLE	\$1,340.00
BUILDING 39												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	39	FORD ISLAND, SOUTH SIDE OF BLDG 39, EQUIPMENT ROOM 116HE (SOUTHERN END OF THE BLDG)	YES	WATTS		3/4"	RP	HEALTH	1	CHILLER MAKE UP	SERIAL NUMBER IS UNREADABLE. NO TAG. 8FT HIGH	\$150.00
BUILDING 462												
SA-FWS 462	462	FORD ISLAND, BLDG 462, NORTHEAST SIDE OF BRIG (OUTSIDE OF THE EXTERIOR FENCE LINE),	YES	WILKINS	3466674	1-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	BFP SHOULD BE 12" FROM GROUND. CONTROL VALVE, FI- BFP-462, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,130.00
BUILDING 465												
SA-FWS 3165	465	BLDG 464, NEXT TO FH 1-20, FORD ISLAND (EXTERIOR, SOUTH SIDE)	YES	WATTS	004424	3"	RP	HEALTH	1	MAIN SERVICE	REMOVE HOSE BIBB CONNECTION FROM TEST CONNECTION. CONTROL VALVE, FI-BFP-3165, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
SA-FWS 0135BP	465	BLDG 465, INT LOCATED BY WASHER/DRYER SCH WTR OUTAGE	YES	WATTS	90202	1-1/2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, FI-BFP-0135BP, BACKFLOW PREVENTER REDUCED PRESSURE. SN CHANGED FROM 09202.	\$150.00
BUILDING 469												
SA-FWS 0108BP	469	FORD ISLAND, FOX 5 EXT FIRE PROT DOCK MARKER 275	YES	WATTS	SB 1522	UNK	RP	HEALTH	1	MAIN SERVICE	COULD NOT LOCATE. DIFFERENT SERIAL NUMBER. CONTROL VALVE, FI-BFP-0108BP, BACKFLOW PREVENTER REDUCED PRESSURE, FIRE	\$150.00

BUILDING 510

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWS 39	510	FORD ISLAND, NORTHWEST INTERIOR MECHANICAL ROOM (#120) (OUTSIDE ACCESS) FOR BLDG 510	YES	WATTS	621856	1"	RP	HEALTH	1	CHILLER MAKE UP	BFP IS TOO HIGH TO BE SERVICED, NEEDS TO BE RELOCATED. CONTROL VALVE, FI-BFP-39, BACKFLOW PREVENTER REDUCED PRESSURE	\$860.00
BUILDING 55												
SA-FWS 2361	55	BLDG 55, FORD ISLAND, EAST EXTERIOR SIDE OF BLDG 55, SOUTH OF NORTHERN MOST STAIRS	YES	FEBCO	9802091336	4"	RP	HEALTH	1	MAIN SERVICE	BFP NEEDS TO BE A MINIMUM OF 12" OFF THE GROUND, NEEDS RAISING. CONTROL VALVE, FI-BFP-2361, BACKFLOW PREVENTER REDUCED PRESSURE	\$11,840.00
BUILDING 570												
SA-FWS 570	570	FORD ISLAND, B-570, SOUTH OF THE CDC AIR CONDITIONING WALLED AREA.	YES	WILKINS	19675	4"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, FI-BFP-570, BACKFLOW PREVENTER OTHER. ASSET TAG READS INCORRECTLY THAT THE BFP IS AN AVB AND MODEL NUMBER 37.	\$150.00
BUILDING 87												
	87	INSIDE FENCE A/C STA-18 TF. FRONT OF BLDG 87, FORD ISLE	NO			1"	OTHER	HEALTH	1	CHILLER MAKE UP	ADD A SIGN SAYING "NONPOTABLE WATER" SIGN ON THE DOWNSTREAM HOSE BIB.	\$170.00
BUILDING S84												
SA-FWS 84BP	S84	BLDG 84, OLD TOWER & FIRE DEPT, EXT IRR LOCATED ON GRASS EAST OF BLDG 84	YES	WILKINS	115568	3"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, FI-BFP-0134BP, BACKFLOW PREVENTER OTHER. SN L115568 WAS EDITED	\$150.00
Total Cost of Priority Group 4 for FORD ISLAND												\$17,330.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
FORT KAMEHAMEHA												
BUILDING 1342												
SA-FWX 0140BP	1342	FT KAM WTR PLT 60' NO OF BLDG 1342 CORNER OF MOSS ROCK WALL & CHN LNK FENCE RP FOR SPRNKLR	YES	WATTS	442851	1-1/2"	RP	HEALTH	1	UNKNOWN	COULD NOT VERIFY DEVICE INFORMATION. LEAKING VALVE. CONTROL VALVE, FK-BFP-0140, BACKFLOW PREVENTER REDUCED PRESSURE.NO TAG.PAINTED OVER	\$150.00
BUILDING 1595												
SA-FWW 991	1595	BLDG 1344, FORT KAM, (PRIMARY SETTLING TANK #2) OUTAGE REQUIRED	YES	WATTS	638238	3/4"	RP	HEALTH	1	PRIMARY CLEARIFIER 2	CAN NOT READ PLATE. CONTROL VALVE, FK-BFP-991, BACKFLOW PREVENTER REDUCED PRESSURE.TAG SN 65289 CHANGED	\$150.00
BUILDING 1690												
SA-FWW 901	1690	FST #4, B 1597 FK, BISHOP POINT (EXTERNAL SETTLING TANK #4) (PLS CHECK S/N) SCHD OUTAGE	YES	WATTS	291100	2"	RP	HEALTH	1	RAS PUMPS WATER FEED CLEARAFIER 3&4	NO TAG. CAN'T READ PLATE. CONTROL VALVE, FK-BFP-901, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
SA-FWW 902	1690	BLDG 1687, FORT KAM, (EXTERNAL 2ND CLARIFIER #2) SCHD OUTAGE	YES	WATTS	444956	2"	RP	HEALTH	1	RAS PUMPS WATER FEED CLEARAFIER 1&2	NO TAG. CANT READ PLATE. CONTROL VALVE, FK-BFP-902, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
SA-FWW 903	1690	BLDG 1690, FORT KAM, (DAFT BLDG) (NEED TO SCHEDULE OUTAGE IN ADVANCE)	YES	WATTS	189466	3"	RP	HEALTH	1	MAIN SERVICE	NO TAG. CAN'T READ PLATE. CONTROL VALVE, FK-BFP-903, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
BUILDING 3305												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWW 9801	3305	BLDG 1354, FORT KAM, NEXT TO S1361 TANK	YES	WATTS	220763	4"	RP	HEALTH	1	DEWATERING	NO TAG. CAN'T READ PLATE. CONTROL VALVE, FK-BFP-9801, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
SA-FWW 98	3305	BLDG 1354, FORT KAM, NEXT TO S 1361 TANK	YES	WATTS	221513	4"	RP	HEALTH	1	DEWATERING	NO TAG. CAN'T READ PLATE. CONTROL VALVE, FK-BFP-98, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
Total Cost of Priority Group 4 for FORT KAMEHAMEHA												\$1,050.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
HALE ALII												
BUILDING 84												
SA-FWV 12254	84	NAVSTA, HALE ALII, SOUTHEAST SIDE OF BLDG 84, ALONG BACK ACCESS RD	YES	FEBCO	J000901	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, HALALI-BFP- 12254, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING, 2". CHANGED SERIAL NUMBER: J00901	\$150.00
Total Cost of Priority Group 4 for HALE ALII												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
HALE MOKU												
BUILDING 930												
SA-FWR 0001	930	HALE MOKU, WEST OF BLDG 930 (CHILD DEVELOPMENT CENTER), EAST OF PARKING AREA	YES	WATTS	142696	4"	DCDA	HEALTH	1	FIRE SYSTEM	REMOVE HOSE BIBB FROM TEST COCK. CONTROL VALVE, HM-BFP- 0001, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION	\$150.00
Total Cost of Priority Group 4 for HALE MOKU												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
HALSEY TERRACE												
BUILDING 603-POO												
SA-FWD 12489	603-POO	HALSEY TERRACE, NEAR COMMUNITY CENTER / POOL PUMP ROOM	YES	WATTS	132033	1-1/4"	RP	HEALTH	1	POOL	CONTROL VALVE, HT-BFP-12489, BACKFLOW PREVENTER REDUCED PRESSURE, 1.25", HOUSING; HOSE HOOKED UP TO TEST PORT DURING INSPECTION	\$150.00
BUILDING 633-POO												
SA-FWD 12483	633-POO	HALSEY TERRACE, POOL ST., ROAD TO COMMUNITY CENTER, FOR POOL GRASSY AREA	YES	WILKINS	2739034	2"	RP	HEALTH	1	IRRIGATION SYSTEM	TOO LOW TO GROUND - APPROX. 4". CONTROL VALVE, HT-BFP- 12483, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING	\$1,340.00
Total Cost of Priority Group 4 for HALSEY TERRACE												\$1,490.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
HICKAM												
BUILDING 1070H												
UMA057000915	1070H	NEXT TO BLDG 1070 IN THE ACCESS ROAD BETWEEN BLDGS 1070 AND 1072	YES	WATTS	000772	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, ZONE 8-6L BF, BACKFLOW PREVENTER DOUBLE CHECK; S/N INCORRECTLY ENTERED IN DATABASE AS 0017172	\$150.00
BUILDING 1330H												
	1330H	NORTH OF BLDG 1330H AND NORTHEAST END OF PARKING LOT, SOUTHWEST OF FIRE HYDRANT #235	YES	CONBRAC O	N2206	8"	DCVA	NON HEALTH	1	MAIN SERVICE	MODEL NUMBER ON TAG IS INCORRECT (40-200)	\$150.00
	1330H	NORTH OF BLDG 1330H AND NORTHEAST END OF PARKING LOT, SOUTHWEST OF FIRE HYDRANT #235	YES	CONBRAC O	N2205	8"	DCVA	NON HEALTH	1	MAIN SERVICE	MODEL NUMBER ON TAG IS INCORRECT (40-200)	\$150.00
BUILDING 1599H												
UMA057002039	1599H	NORTH OF BLDG 1599, OUTSIDE OF FENCED IN AREA, SOUTHEAST OF HYDRANT #222	YES	ZURN	J65867	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, ZONE 2-6L BF, BACKFLOW PREVENTER RP. MODEL NUMBER WAS CHANGED FROM 375. TYPE CHANGE FROM RP.	\$150.00
BUILDING 1889H												
UMA057002381	1889H	ON THE ISLAND IN FRONT OF BLDG 1710. NORTH OF KUNTZ AVE, SOUTHEAST OF FIRE HYDRANT #196, NORTHWEST OF FIRE HYDRANT #197	YES	FEBCO		2"	PVB	HEALTH	1	IRRIGATION SYSTEM	NO SERIAL NUMBER FOUND AND NO TAG. CONTROL VALVE, ZONE 3-29H BF, BACKFLOW PVB	\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 2001H												
UMA057000911	2001H	AGAINST THE WALL OF BLDG 2001	YES	FEBCO		4"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO PLATE, CAN'T IDENTIFY S/N. CONTROL VALVE, ZONE 8-2L BF, BACKFLOW PREVENTER DOUBLE CHECK	\$150.00
BUILDING 3002H												
UMA057001286	3002H	IN THE FRONT OF BLDG 3002 FACING THE ROAD	YES	FEBCO		2"	PVB	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, ZONE 9-23H BF, BACKFLOW PREVENTER PVB. NO TAG. COULD NOT READ PLATE. COULD NOT VERIFY DEVICE INFORMATION	\$150.00
BUILDING 3417H												
H1086337	3417H	OCEAN SIDE OF BUILDING 3417H HANG AREA	YES	WILKINS	09713	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, ZONE 10-22L BF, BACKFLOW PREVENTER DC. CONTROL VALVE, ZONE 10-22L BF, BACKFLOW PREVENTER DC. SN 09713 EDITED	\$150.00
BUILDING 4010H												
UMA057002366	4010H	IN THE CENTER OF THE SOFTBALL FIELDS NEXT TO BUILDING 4010H	YES	WILKINS	1198	4"	RP	HEALTH	1	IRRIGATION SYSTEM	ILLEGAL HOSE HOOKUP TO TEST COCK. CONTROL VALVE, ZONE 3- 15H BF, BACKFLOW PREVENTER RP. DEVICE MANUFACTURE AND MODEL CHANGE FROM WATTS 709	\$150.00
BUILDING 61												
SA-FWW 37	61	STA. 37, ALPHA 1, BISHOP POINT (ALPHA 1), SOUTH SIDE OF WHARF, ACROSS SOUTH EAST OF B-61	YES	WATTS	RA-2128	2-1/2"	RP	HEALTH	1	MAIN SERVICE	HOSE BIBB CONNECTED TO THE UPSTREAM VALVE TEST COCK. CONTROL VALVE, BIS-BFP-37, BACKFLOW PREVENTER REDUCED PRESSURE. BOTH UPSTREAM AND DOWNSTREAM VALVES ARE OPEN	\$150.00
BUILDING 661-KAWE												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
UMA057001304	661-KAWE	ON THE OTHER SIDE OF OMALLEY BLVD NEXT TO LINK FENCE. BEHIND BERMS ON O'MALLEY BLVD NEAR FH #111	YES	FEBCO	0101191328	2-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	NO TAG. COULD NOT READ PLATE. CONTROL VALVE, ZONE 9-42H BF, BACKFLOW PREVENTER RP	\$150.00
BUILDING 916H												
UMA057000939	916H	ON THE PARKING LOT CORNER OF BLDG 925 NEAR WORTHINGTON STREET. ENTRANCE TO PARKING LOT BY WORTHINGTON AVE	YES	FEBCO	H024911	2"	PVB	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, ZONE 8-24H BF, BACKFLOW PREVENTER AVB. DEVICE TYPE AND MODEL CHANGED TO PVB	\$150.00
Total Cost of Priority Group 4 for HICKAM												\$1,800.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
HICKAM FLIGHT LINE												
BUILDING 2030H												
	2030H	WASH RACK AREA BEHIND CONTAINER	YES	WATTS	451374	3/4"	RP	HEALTH	1	MAIN SERVICE	VERTICAL MOUNT. DEVICE NEEDS TO BE HORIZONTAL	\$790.00
BUILDING 3470H												
UMA057001692	3470H	SEA BREEZE PARKING LOT	YES	FEBCO	980317153	4"	RP	HEALTH	1	IRRIGATION SYSTEM	HOSE BIBB ATTACHED TO TEST COCK. CONTROL VALVE, ZONE 11- 2H BF, BACKFLOW PREVENTER RP	\$150.00
Total Cost of Priority Group 4 for HICKAM FLIGHT LINE												\$940.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel			in		Level				
HOKULANI												
BUILDING 3342												
SA-FWN 3341	3342	SMITH DRIVE IN THE GRASS	YES	WATTS	A513551	3/4"	RP	HEALTH	1	IRRIGATION SYSTEM	TAG S/N INCORRECT	\$150.00
Total Cost of Priority Group 4 for HOKULANI												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
HOSPITAL POINT												
BUILDING 151												
SA-FWV 151BP	151	SOUTHEAST CORNER OF BLDG 151	YES	FEBCO	H009316	2"	PVB	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, HP-BFP-151BP, BACKFLOW PREVENTER REDUCED PRESSURE OTHER. SN H009816 WAS EDITED	\$150.00
Total Cost of Priority Group 4 for HOSPITAL POINT												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
IROQUOIS PT												
BUILDING 4725												
SA-JFW 934	4725	BLDG 4726, I/P D 10, IROQUIOS POINT (DWG 1048585, EXT OF BLDG)) LIFT STATION IP-87	YES	WATTS	87125	3/4"	RP	HEALTH	1		NO TAG. COULD NOT READ PLATE. CONTROL VALVE, IP-BFP-934, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
BUILDING 5119												
SA-IFW 1151	5119	WEST OF THE INTERSECTION OF IRIQUOIS AND GANNET	YES	FEBCO	H011507	1"	RP	HEALTH	1	WATER FOUNTAIN	CONTROL VALVE, WL-BFP-1151, BACKFLOW PREVENTER REDUCED PRESSURE; TAG S/N IS INCORRECT TAG SN 339227 WATTS 909	\$150.00
BUILDING 5249												
SA-JFW 5249	5249	WEST OF BLDG 5249	YES	FEBCO	H018282	1"	RP	HEALTH	1	IRRIGATION SYSTEM	TAG S/N DOES NOT MATCH DEVICE	\$150.00
BUILDING 5256												
SA-JFW 5256	5256	SOUTHEAST OF BLDG 5256	YES	FEBCO	H016055	1"	RP	HEALTH	1	IRRIGATION SYSTEM	TAG S/N DOES NOT MATCH DEVICE	\$150.00
BUILDING 6791												
	6791	OFF NORTHERN CORNER OF BLDG 6791	YES	FEBCO	H020423	1"	RP	HEALTH	1	IRRIGATION SYSTEM	LESS THAN 12" ABOVE GRADE	\$640.00
BUILDING 6877												
SA-JFW 1562	6877	BLDG 6877, I/P K 4, IROQUIOS POINT (DWG 1048585, EXT OF BLDG) BEHIND BLDG	YES	WATTS	89077	2"	RP	HEALTH	1	MAIN SERVICE	NO TAG. COULD NOT READ PLATE. CONTROL VALVE, IP-BFP-1562, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00

Total Cost of Priority Group 4 for IROQUOIS PT

\$1,390.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
MAKALAPA												
BUILDING 279A												
SA-FWL 11926	279A	BLDG 352, REAR PARKING LOT, LEFT SIDE OF WALKWAY	YES	FEBCO	H008659	1-1/4"	PVB	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, BMK-BFP-11926, BACKFLOW PREVENTER OTHER; TAG S/N INCORRECT	\$150.00
BUILDING 352												
SA-FWL 1794	352	BLDG 352, MAKALAPA (EXTERIOR, FLEET INTEL CTR, REAR OF GRND FLR CHILLER RM.)	YES	FEBCO	B08892	1-1/2"	RP	HEALTH	1	CHILLER MAKE UP	CONTROL VALVE, BMK-BFP-1794, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
SA-FWL 0472ABP	352	ALONG THE NORTHWEST SIDE OF BLDG 352	YES	WATTS	A01896	1-1/2"	RP	HEALTH	1	MAIN SERVICE	ASSET NUMBER SA-FWL 352 WITH SAME SN WAS DELETED. SN A10896 WAS EDITED	\$150.00
BUILDING 366												
SA-FWL 18011	366	SOUTH OF BLDG 366; OUTSIDE OF FENCE	YES	LAWNLIFE	NA	2"	AVB	HEALTH	1	IRRIGATION SYSTEM	TAG DOESN'T MATCH DEVICE	\$150.00
BUILDING 401												
SA-FWL 0416BP	401	MAKALAPA, BLDG 401, EXT FIRE PROT	YES	FEBCO	0008281302	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	HOSE HOOKED UP UPSTREAM OF DEVICE CONNECTED ON THE TEST COCK. CONTROL VALVE, BMK-BFP-0416BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING	\$150.00

BUILDING 70M

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWL 0254BP	70M	MAKALAPA, MAKALAPA DR, QTRS 23	YES	FEBCO	A022876	1-1/2"	DCVA	NON HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, BMK-BFP- 0254BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; TAG SAYS WRONG SIZE AND IS MISSING MODEL NUMBER. UNDER PROTECTED	\$150.00
BUILDING 77M												
SA-FWL 0259BP	77M	MAKALAPA, MAKALAPA DR. QTRS 37	YES	FEBCO	A033792	1-1/2"	DCVA	NON HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, BMK-BFP- 0259BP, BACKFLOW PREVENTER OTHER, HOUSING. UNDER PROTECTED	\$150.00
SA-FWL 0384BP	77M	MAKALAPA, NEAR HYD #942, S SIDE GAZEBO & BALL PK AREA	YES	WATTS	88317	2"	RP	HEALTH	1	IRRIGATION SYSTEM	LESS THAN 12" ABOVE GRADE. CONTROL VALVE, BMK-BFP- 0384BP, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING; NO TAG	\$1,340.00
Total Cost of Priority Group 4 for MAKALAPA												\$2,390.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
MANANA HSG												
BUILDING												
SA-EFW 0691BP		MANANA, BIRCH CIRCLE, VALVE 7B	YES	CONBRAC O	OB773	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, MAN-BFP- 0691BP, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING. TAG SN OB7732. ABANDONED	\$150.00
BUILDING 50PL												
SA-EFW 12581	50PL	MANANA HSG, BIRCH CIRCLE, BETWEEN QTRS 7281 & 7287	YES	FEBCO	006277	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, MAN-BFP-12581, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING. TAG SN 006877	\$150.00
BUILDING 7215												
SA-EFW 12623	7215	MANANA HSG, UNIT 7215 BIRCH ST, FIRE PROTECTION FOR WEST BLDG	YES	AMES	12801	3/4"	DCVA	NON HEALTH	1		NO TAG. CAN NOT READ SN. CONTROL VALVE, MAN-BFP-12623, BACKFLOW PREVENTER DOUBLE CHECK, 3/4" HOUSING. ADDRESS ON BLDG 7215. PART OF DCDA	\$150.00
Total Cost of Priority Group 4 for MANANA HSG												\$450.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
MARINE BARRACKS												
BUILDING 1750												
SA-FWV 31002	1750	MARINE BARRACKS, BLDG 1750, MEDICAL CLINIC, 1ST FLR - MECHANICAL RM, J 18, SHIPYARD OUT LAYING	YES	WATTS	430646	1-1/2"	RP	HEALTH	1	CHILLER MAKE UP	CONTROL VALVE, MP-BFP-31002, BACKFLOW PREVENTER REDUCED PRESSURE. ASSET TAG SERIAL NUMBER IS INCORRECT.	\$150.00
BUILDING 220												
SA-FWV 5402	220	NORTHWEST SIDE OF THE BLDG 220	YES	WATTS	249811	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	SERIAL NUMBER ON ASSET TAG IS INCORRECT, MISSING THE LAST "1".	\$150.00
BUILDING 222												
SA-FWV 4703	222	MARINE BARRACKS, BLDG 223, L 19, SHIPYARD OUT LAYING (NORTHWEST CORNER OF BLDG 223, SNACK BAR MARINE BARRACKS)	YES	FEBCO	AB2283	1-1/2"	PVB	HEALTH	1	MAIN SERVICE	CONTROL VALVE, MP-BFP-4703, BACKFLOW PREVENTER OTHER. ASSET TAG MODEL NUMBER IS INCORRECT. BFP IS NOT IN SERVICE.	\$150.00
BUILDING 287												
	287	SHYD, OUTLAYING, MARINE BARRACKS, BLDG 287 OUTSIDE BEHIND BLDG	NO			1"	OTHER	HEALTH	1	HOSE BIBB	ADD A SIGN SAYING "NONPOTABLE WATER" SIGN ON THE DOWNSTREAM HOSE BIB.	\$170.00
SA-CFW 287	287	SHYD, OUTLAYING, MARINE BARRACKS, BLDG 287	YES	WATTS	639307	1"	RP	HEALTH	1	CHLORINE FEED	TAG AND PLATE DO NOT MATCH. CONTROL VALVE, MB-BFP-0003. TAG SAYS COMBRACO SN 40205T2	\$150.00
BUILDING 292												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWO 292	292	MARINE BARRACKS, BLDG 292, LOCATED ON LEFT SIDE OF BLDG	YES	WILKINS	27150	8"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, MP-BFP-292, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION. SN U27150 EDITED	\$150.00
BUILDING 899												
	899	NAVSTA, B-899, TRANSPORTATION BLDG. CRANE SHOP BETWEEN BLDG 899 AND FENCE	NO			1-1/2"	OTHER	HEALTH	1	MAIN SERVICE	ADD A SIGN SAYING "NONPOTABLE WATER" SIGN ON THE DOWNSTREAM HOSE BIB.	\$170.00
Total Cost of Priority Group 4 for MARINE BARRACKS												\$1,090.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
MCGREW POINT												
BUILDING 484												
SA-FWT 12867	484	MCGREW POINT, POOL PUMP RM	YES	WATTS	432037	1"	RP	HEALTH	1	MAIN SERVICE	REMOVE HOSE FROM TEST PORT. CONTROL VALVE, MPT-BFP-12867, BACKFLOW PREVENTER REDUCED PRESSURE, "?", HOUSING	\$150.00
Total Cost of Priority Group 4 for MCGREW POINT												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
MOANALUA												
BUILDING 2641												
SA-FWI 0483BP	2641	MONALUA, SHOPPING CENTER, BLDG 2641, HOBBY SHP, EXT FRONT BY WTR MTR, NORTHWEST EXTERIOR OF AUTO HOBBY WALL, NORTHERN MOST BFP.	YES	FEBCO	A222696	1-1/2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, MOA-BFP- 0483BP, BACKFLOW PREVENTER REDUCED PRESSURE. METAL TAG MODEL NUMBER IS INCORRECT	\$150.00
Total Cost of Priority Group 4 for MOANALUA												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
MOANALUA TERRACE												
BUILDING 7000												
	7000	POOL CHEM AND PUMP ROOM	YES	WATTS		1-1/4"	RP	HEALTH	1	POOL	DEVICE AND PLATE CORRODED - COULD NOT READ S/N	\$150.00
BUILDING 7031												
SA-FWH 0581BP	7031	MOANALUA TERRACE, THOMAS WAY, QTRS 4204, IN LOCKED CABINET ON SIDE WALL OF RESIDENCE	YES	WATTS	26365	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, MT- BFP-0581BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7034												
SA-FWH 0573BP	7034	MOANALUA TERRACE, THOMAS WAY, QTRS 4211, IN LOCKED CABINET ON SIDE WALL OF RESIDENCE	YES	WATTS	26840	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, MT- BFP-0573BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 7035												
SA-FWH 0579BP	7035	MOANALUA TERRACE, THOMAS WAY, QTRS 4220, IN LOCKED CABINET ON SIDE WALL OF RESIDENCE	YES	WATTS	26500	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, MT- BFP-0579BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
Total Cost of Priority Group 4 for MOANALUA TERRACE												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
				odel		in		Level				
NAVAL STATION												
BUILDING 1395												
SA-FWO 0085BP	1395	NAVSTA, BLDG 1395, SEWER LIFT STA NORTH OF THE MINI-MART (OUTSIDE NORTHEAST CORNER OF BLDG 1395)	YES	WATTS	432854	3/4"	RP	HEALTH	1	MAIN SERVICE	BFP NEEDS TO BE 6" HIGHER. CONTROL VALVE, NS-BFP-0085BP, BACKFLOW PREVENTER REDUCED PRESSURE	\$790.00
BUILDING 1440												
SA-FWV 12178	1440	SOUTHEAST OF BLDG 1140 BEHIND FH 479	YES	FEBCO	230	4"	DCVA	NON HEALTH	1	MAIN SERVICE	INSTALLED HOSE BIB ON TOP OF DEVICE. MAY BE INACTIVE	\$150.00
BUILDING 1508												
SA-FWO 11922	1508	NAVSTA, BLDG 1508, NEXT TO FIRE HYDRANT	YES	FEBCO	F021202105 3	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, FP-BFP-11922, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION. SN 0212021053 WAS EDITED	\$150.00
SA-FWO 1508	1508	NAVSTA, BLDG 1508, IN MECHANICAL RM.	YES	WATTS	5647296	3/4"	RP	HEALTH	1	CHILLER MAKE UP	10FT HIGH OFF THE GROUND. CONTROL VALVE, NS-BFP-1508, BACKFLOW PREVENTER REDUCED PRESSURE	\$790.00
SA-FWO 0057BP	1508	NAVSTA, BLDG 1508 INTERIOR ELEC RM	YES	WATTS	47527	3/4"	RP	HEALTH	1	CHILLER MAKE UP	10FT HIGH OFF THE GROUND. CONTROL VALVE, NS-BFP-0057BP, BACKFLOW PREVENTER REDUCED PRESSURE	\$790.00
BUILDING 1542												
SA-FWQ 0031BP	1542	FISC, NEXT TO S/B GAS STA, INSIDE RECLAIM FUEL FAC REAR OF TANK BY CONCRETE WALL	YES	FEBCO	H02205	1-1/2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, FP-BFP-0031BP, BACKFLOW PREVENTER REDUCED PRESSURE. SN 02205 EDITED	\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 1553												
SA-FWV 0450BP	1553	NAVSTA, BLDG 1553, SHIP TO SHORE (HOTEL SVCS), NEXT TO WATER MTR	YES	WILKINS	1069688	1-1/2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, NS-BFP-0450BP, BACKFLOW PREVENTER REDUCED PRESSURE; MAXIMO ENTRY INCORRECTLY LISTED S/N AS 1069680; DEVICE SHOULD BE RELOCATED UPSTREAM OF ALL UNPROTECTED SERVICE LINES (NEAR WATER METER)	\$150.00
BUILDING 1554												
SA-FWP 0541BP	1554	SUBASE, BLDG 1554, FUEL TRANSTER STA. J-40	YES	WATTS	4D01160	6"	RP	HEALTH	1	FIRE SYSTEM	CONTROL VALVE, SB-BFP-0541BP, BACKFLOW PREVENTER REDUCED PRESSURE, FIRE PROTECTION. SN 4D01100 WAS EDITED	\$150.00
BUILDING 162												
	162	NORTHEAST CONER OF BLDG C	YES	WILKINS	X37732	3"	RP	HEALTH	1	MAIN SERVICE	REMOVE HOSE BIBB ON ONE OF THE TEST COCKS. MAIN SERIVE FOR ENTIRE CAMPUS	\$150.00
BUILDING 1644												
SA-FWO 1192	1644	NAVSTA, BLDG 1644, C 8, ARIZONA HALL (BEQ OFFICE EXT, MECH RM, MN WTR SUPPLY, SECURE 3 PMPS)	YES	WILKINS	3006G	4"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, NS-BFP-1192, BACKFLOW PREVENTER REDUCED PRESSURE. SN 3006 WAS EDITED	\$150.00
BUILDING 1746												
SA-FWV 26111	1746	SHYD, BLDG 193, J 27, SHIPYARD OUT LAYING (PARKING LOT, BTWN BLDG 193 & 1746)	YES	FEBCO	U7246	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, NS-BFP-26111, BACKFLOW PREVENTER REDUCED PRESSURE. TAG HAS THE WRONG SERIAL (U72466)	\$150.00
BUILDING 1749												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWP 1749	1749	FISC, BLDG 1749	YES	WILKINS	1933869	1-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, FP-BFP-1749, BACKFLOW PREVENTER REDUCED PRESSURE. SN 933869 EDITED	\$150.00
BUILDING 1763												
SA-FWQ 11956	1763	FISC, BLDG 1763, SIDE OF NORTH ROAD, IN LANDSCAPING	YES	WILKINS	2091439	1-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, FP-BFP-11956, BACKFLOW PREVENTER REDUCED PRESSURE. SN 209439 EDITED	\$150.00
BUILDING 1786												
SA-FWO 12473	1786	NAVSTA, BLDG 1786, NEW NAVY EXCHANGE, LOCATED NEAR LOADING AREA, BACK OF EXCHANGE	YES	WILKINS	3074284XL O	3/4"	DCVA	HEALTH	1	FIRE SYSTEM	CONTROL VALVE, NS-BFP-12473, BACKFLOW PREVENTER REDUCED DOUBLE CHECK, FIRE PROTECTION. SN 3074284 WAS EDITED. PART OF DCDA	\$150.00
BUILDING 479												
SA-FWQ 1011	479	FISC, BLDG 479, POST OFFICE, SE CORNER	YES	AMES	1802840218	8"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, FP-BFP-1011, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION	\$150.00
BUILDING 491												
SA-FWQ 4911	491	FISC, BLDG 491	YES	WATTS	RA-2074	2-1/2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, FP-BFP-4911, BACKFLOW PREVENTER REDUCED PRESSURE. SN RA2074 EDITED	\$150.00
BUILDING 901												
SA-FWO 0704BP	901	NAVSTA, BLDG 901, 5' WEST OF BOILER ROOM/BLDG 900	YES	FEBCO	0107121206	4"	RP	HEALTH	1	MAIN SERVICE	REMOVE HOSE BIB INSTALLED ON TEST COCK. CONTROL VALVE, NS- BFP-0704BP, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
BUILDING 947												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWQ 291	947	BLDG 1770, E 5, NSC (YANKEE 2 DM 1125)	YES	WATTS	88629	2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, FP-BFP-291, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
BUILDING 9478												
SA-FWQ 9478	9478	FISC, BLDG 9478, IN SPRINKLER ROOM	YES	AMES	1429661004	8"	DCVA	NON HEALTH	1	FIRE SYSTEM	TEST COCK FACING WALL. CONTROL VALVE, FP-BFP-9478, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION	\$21,560.00
Total Cost of Priority Group 4 for NAVAL STATION												\$26,180.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
OHANA NUI												
BUILDING 5302-HAM												
SA-FWU 0317BP	5302- HAM	OHANA NUI, NORTH (OUTSIDE OF FENCED AREA) OF AIRPORT US POST OFFICE, DELIVERY AREA	YES	WATTS	171330	2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, OHA-BFP- 0317BP, BACKFLOW PREVENTER REDUCED PRESSURE. SERIAL NUMBER CHANGED FROM 111330.	\$150.00
Total Cost of Priority Group 4 for OHANA NUI												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
PEARL CITY HSG												
BUILDING 8011												
SA-AFW 0648BP	8011	PEARL CITY, 170 PARKER COURT	YES	WATTS	10548	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0648BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8013												
SA-AFW 0646BP	8013	PEARL CITY, 182 PARKER COURT	YES	WATTS	09905	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0646BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG	\$0.00
BUILDING 8014												
SA-AFW 0645BP	8014	PEARL CITY, 188 PARKER COURT	YES	WATTS	42717	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0645BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8017												
SA-AFW 0642BP	8017	PEARL CITY, 206 PARKER COURT	YES	WATTS	09907	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0642BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8018												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-AFW 0641BP	8018	PEARL CITY, 214 PARKER COURT	YES	WATTS	11155	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0641BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8019												
SA-AFW 0640BP	8019	PEARL CITY, 222 PARKER COURT	YES	WATTS	29009	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0640BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8021												
SA-AFW 0638BP	8021	PEARL CITY, 110 LEY COURT	YES	WATTS	10560	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0638BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8022												
SA-AFW 0637BP	8022	PEARL CITY, 118 LEY COURT	YES	WATTS	10553	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0637BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8023												
SA-AFW 0636BP	8023	PEARL CITY, 126 LEY COURT	YES	WATTS	10549	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0636BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8024												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-AFW 0635BP	8024	PEARL CITY, 134 LEY COURT	YES	WATTS	29008	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0635BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; CORRODED PIPING; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8025												
SA-AFW 0634BP	8025	PEARL CITY, 140 LEY COURT	YES	WATTS	42770	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0634BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8026												
SA-AFW 0633BP	8026	PEARL CITY, 146 LEY COURT	YES	WATTS	10555	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0633BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8027												
SA-AFW 0632BP	8027	PEARL CITY, 154 LEY COURT	YES	WATTS	29005	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0632BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8028												
SA-AFW 0657BP	8028	PEARL CITY, 247 ETCELL COURT	YES	WATTS	10559	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0657BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8029												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-AFW 0656BP	8029	PEARL CITY, 255 ETCELL COURT	YES	WATTS	10564	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0656BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8030												
SA-AFW 0655BP	8030	PEARL CITY, 261 ETCELL COURT	YES	WATTS	42759	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0655BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8031												
SA-AFW 0654BP	8031	PEARL CITY, 267 ETCELL COURT	YES	WATTS	10561	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0654BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8033												
SA-AFW 0652BP	8033	PEARL CITY, 279 ETCELL COURT	YES	WATTS	10557	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0652BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8035												
SA-AFW 0650BP	8035	PEARL CITY, 295 ETCELL COURT	YES	WATTS	29006	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0650BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8037												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-AFW 0670BP	8037	PEARL CITY, 191 AUSTIN COURT	YES	WATTS	10556	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0670BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8038												
SA-AFW 0669BP	8038	PEARL CITY, 199 AUSTIN COURT	YES	WATTS	10550	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0669BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8039												
SA-AFW 0668BP	8039	PEARL CITY, 207 AUSTIN COURT	YES	WATTS	42710	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0668BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8040												
SA-AFW 0667BP	8040	PEARL CITY, 211 AUSTIN COURT	YES	WATTS	26289	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0667BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; CORRODED PIPING; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8042												
SA-AFW 0665BP	8042	PEARL CITY, 223 AUSTIN COURT	YES	WATTS	10558	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0665BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00

BUILDING 8043

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-AFW 0664BP	8043	PEARL CITY, 231 AUSTIN COURT	YES	WATTS	10554	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0664BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8044												
SA-AFW 0663BP	8044	PEARL CITY, 239 AUSTIN COURT	YES	WATTS	28178	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0663BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8045												
SA-AFW 0687BP	8045	PEARL CITY, 103 CURTIS COURT	YES	WATTS	06256	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0687BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8046												
SA-AFW 0686BP	8046	PEARL CITY, 111 CURTIS COURT	YES	WATTS	10552	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0686BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8048												
SA-AFW 0684BP	8048	PEARL CITY, 127 CURTIS COURT	YES	WATTS	10933	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0684BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; CORRODED PIPING; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8049												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-AFW 0683BP	8049	PEARL CITY, 135 CURTIS COURT	YES	WATTS	26004	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0683BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8050												
SA-AFW 0682BP	8050	PEARL CITY, 141 CURTIS COURT	YES	WATTS	41524	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0682BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; COULD NOT OPEN DOOR	\$0.00
BUILDING 8052												
SA-AFW 0680BP	8052	PEARL CITY, 155 CURTIS COURT	YES	WATTS	02569	1"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0680BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; INSTALLED TOO FAR UP TO REACH; CORRODED PIPE	\$0.00
BUILDING 8053												
SA-AFW 0679BP	8053	PEARL CITY, 159 CURTIS COURT	YES	WATTS	10505	1-1/2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0679BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00
BUILDING 8055												
SA-AFW 0677BP	8055	PEARL CITY, 175 CURTIS COURT	YES	WATTS	29011	2"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE NOT BEING TESTED DUE TO ACCESS. CONTROL VALVE, PC- BFP-0677BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; NO TAG; DRAIN PIPE BLOCKING PORTS IS REMOVABLE	\$0.00

BUILDING 8090

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/Model	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-AFW 12007	8090	PEARL CITY, RELOCATED ACROSS 1022 LOWELLA	YES	FEBCO	8618	2"	RP	HEALTH	1	IRRIGATION SYSTEM	NO TAG. NO PLATE (CAN'T VERIFY MAKE, MODEL, & S/N). CONTROL VALVE, PC-BFP-12007, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING	\$150.00
BUILDING 931												
	931	INSIDE POOL PUMP ROOM; INTERSECTION OF LANAKILA AVE AND ROBINSON AVE	YES	WATTS	433000	1-1/4"	RP	HEALTH	1	POOL	RECIRC AND FILL; ONLY 8" ABOVE SLAB	\$940.00
Total Cost of Priority Group 4 for PEARL CITY HSG												\$1,090.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
PEARL CITY INDUST												
BUILDING V3												
SA-AFW 27	V3	PEACIT, STA. 27, VCTRY DK3, PEARL CITY PENINSULA, SOUTH OF THE 400' PIER MARKER, SOUTHERN MOST BFP	YES	WATTS	RH-2300	2-1/2"	RP	HEALTH	1	PIER CONNECTION	CONTROL VALVE, PC-BFP-27, BACKFLOW PREVENTER REDUCED PRESSURE. S/N CHANGED FROM RH 2302	\$150.00
Total Cost of Priority Group 4 for PEARL CITY INDUST												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
PEARL CITY SEALS												
BUILDING V1												
SA-AFW 33	V1	PEACIT, STA. 33, VCTRY DK1, PEARL CITY PENINSULA, SOUTHEAST OF PIER MARKER 150FT	YES	WATTS	SH-0012	2-1/2"	RP	HEALTH	1	PIER CONNECTION	REMOVE HOSE BIBB ON TEST COCK. CONTROL VALVE, PC-BFP- 33, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
Total Cost of Priority Group 4 for PEARL CITY SEALS												\$150.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
PUULOA RIFLE RANGE												
BUILDING 4954												
4954		BLDG ???, PUULOA, PUULOA RIFLE RANGE	YES	WILKINS	K01358	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, PRR-BFP-302, BACKFLOW PREVENTER REDUCED PRESSURE.SN CHANGED FROM K01360.NO TAG	\$150.00
BUILDING 6872												
SA-LFW 1051	6872	FH 5, PUULOA, PUULOA RIFLE RANGE (CLOSE TO HYDRANT #5 BY PISTOL RANGE)	YES	WATTS	149412	3"	RP	HEALTH	1	IRRIGATION SYSTEM	NO TAG. NO PLATE. CONTROL VALVE, PRR-BFP-1051, BACKFLOW PREVENTER REDUCED PRESSURE.PVC PIPE	\$150.00
Total Cost of Priority Group 4 for PUULOA RIFLE RANGE												\$300.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
PWC COMPOUND												
BUILDING 1423												
SA-FWV 0393BP	1423	SHYD, PWC LAB COMPOUND - BLDG 1423, HAZMAT SCH OUTAGE. INTERIOR JANITOR RM 10-12' HIGH AS PER PRINT	YES	WATTS	100349	3"	RP	HEALTH	1	CHILLER MAKE UP	CONTROL VALVE, PWC-BFP- 0393BP, BACKFLOW PREVENTER REDUCED PRESSURE. ASSET TAG HAS INCORRECT SERIAL NUMBER. BFP NEEDS TO BE PAINTED.	\$150.00
BUILDING 1424												
SA-FWV 0377BP	1424	SHYD, PWC LAB COMPOUND - INTERIOR ELEVATED CATWALK OF BLDG 1424 (NEW HAZMAT BLDG), ASSOCIATED WITH T-6 (TANK 6)	YES	WATTS	90258	1-1/2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, PWC-BFP- 0377BP, BACKFLOW PREVENTER REDUCED PRESSURE. ASSET TAG HAS INCORRECT MODEL AND SERIAL NUMBER. BFP NEEDS PAINTING.	\$150.00
BUILDING 71												
SA-FWI 6311	71	MOANALUA, SHOPPING CENTER, NEX, BLDG 631	YES	WATTS	625675	8"	RP	HEALTH	1	FIRE SYSTEM	REMOVE HOSE HOOKED UP TO TEST PORT. CONTROL VALVE, MOA-BFP-6311, BACKFLOW PREVENTER REDUCED PRESSURE, FIRE PROTECTION	\$150.00
BUILDING C27												
SA-FWC 12197BP	C27	PWC CMPD, NEAR BLDG C-27, CLOSE TO A/C, J-29	YES	WATTS	393871	3/4"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, PWC-BFP-272, BACKFLOW PREVENTER OTHER. SN 39387 WAS EDITED	\$150.00
Total Cost of Priority Group 4 for PWC COMPOUND												\$600.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
RADFORD TERRACE												
BUILDING 7574												
SA-FWC 12455	7574	INTERSECTION OF NYE CR AND LIPPIA LP	YES	FEBCO	H04271	2"	RP	HEALTH	1	IRRIGATION SYSTEM	TAG MODEL NO 825YD DOES NOT MATCH PLATE. CONTROL VALVE, RT-BFP-12455, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING	\$150.00
BUILDING 7590												
SA-FWC 12454	7590	RADFORD TERRACE - 1841 KOU HAOLE LP.	YES	FEBCO	H04578	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, RT-BFP-12454, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING; TAG MODEL NO. 825YD DOES NOT MATCH PLATE.	\$150.00
BUILDING 7751												
SA-FWC 12477	7751	RADFORD TERRACE - REC CENTER, PUMP ROOM FOR POOL	YES	WATTS		1"	RP	HEALTH	1	MAIN SERVICE	HOSE CONNECTED TO TEST PORT. CONTROL VALVE, RT-BFP- 12477, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING; MAIN SERVICE TO POOL	\$150.00
Total Cost of Priority Group 4 for RADFORD TERRACE												\$450.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel			in		Level				
RED HILL												
BUILDING S308												
	S308	RED HILL, S308, NE SIDE	NO			1"	OTHER	HEALTH	1	HOSE BIBB	ADD A SIGN SAYING "NONPOTABLE WATER" SIGN ON THE DOWNSTREAM HOSE BIB.	\$170.00
BUILDING S314												
SA-CFW 3141	S314	REDHILL, ADIT 4, BLDG S314, (EXTERIOR, RIGHTSIDE OF TUNNEL ENTRANCE)	YES	WATTS	248667	6"	RP	HEALTH	1	MAIN SERVICE	CAN NOT READ TAG OR PLATE. CONTROL VALVE, RH-BFP-3141, BACKFLOW PREVENTER DOUBLE CHECK	\$150.00
Total Cost of Priority Group 4 for RED HILL												\$320.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
RICHARDSON CENTER												
BUILDING 575												
SA-BFW 12788	575	RICHARDSON CENTER, BLDG 575,	YES	FEBCO	0005040959	3"	RP	HEALTH	1	IRRIGATION SYSTEM	COULD NOT READ TAG OR PLATE. CONTROL VALVE, RF-BFP-12788, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
BUILDING 602												
SA-BFW 0540BP	602	RICHARDSON CTR, MARINA, BLDG 602, BRAVO DOCK	YES	WATTS	001045	3"	RP	HEALTH	1	MAIN SERVICE	REMOVE HOSE PLUMBED INTO TEST COCK SERVICE DOCK B. CONTROL VALVE, RF-BFP-0540, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
Total Cost of Priority Group 4 for RICHARDSON CENTER												\$300.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SHIPYARD												
BUILDING 1												
SA-FWV 12871	1	SHYD, OUTLAYING, BLDG 1, SOUTHEAST EXTERIOR SIDE OF BLDG 1, BETWEEN THE BUSHES	YES	FEBCO	F020320113	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, SY-BFP-12871, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION. CHANGED SERIAL NUMBER FROM F0203201135	\$150.00
BUILDING 1393												
SA-FWV 10141	1393	SHYD, BLDG 1393, SEWAGE PUMP STATION, F 13, OUT LAYING (EXT, SOUTHEAST CORNER)	YES	WATTS	35493	3/4"	RP	HEALTH	1	MAIN SERVICE	BFP COULD BE 6" HIGHER OFF OF THE GROUND. CONTROL VALVE, SY-BFP-10141, BACKFLOW PREVENTER REDUCED PRESSURE	\$790.00
SA-FWV 101411	1393	SHYD, BLDG 1393, SEWAGE PUMP STATION, F 13, OUT LAYING (EXT, SOUTHEAST CORNER)	YES	WATTS	35552	3/4"	RP	HEALTH	1	MAIN SERVICE	COULD BE 6" HIGHER OFF OF THE GROUND. SYSTEM VALVE, SY-BFP-101411, BACKFLOW PREVENTER REDUCED PRESSURE	\$790.00
BUILDING 1430												
SA-FWV 10131	1430	SHYD, NORTH EXTERIOR WALL OF BLDG 1430, K 15, OUT LAYING (EXT, FIRE FGHTNG SCHL, BTWN BLDG 1430 & 1431) (SCH OUTAGE)	YES	FEBCO	9501101251	8"	RP	HEALTH	1	FIRE SYSTEM	CONTROL VALVE, SY-BFP-10131, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION. ASSET TAG IS INCORRECT MODEL NUMBER.	\$150.00
BUILDING 1445												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FW 3234	1445	SHYD, CIA, BLDG 1577, C 21, (EXT, OF BLDG.), STA. B5	YES	WILKINS	988651	1"	RP	HEALTH	1	MAIN SERVICE	BFP NEEDS TO BE 12" FROM THE GROUND. CONTROL VALVE, SY-BFP-3234, BACKFLOW PREVENTER REDUCED PRESSURE. NO PICTURES B/C OF INSIDE SHIPYARD	\$840.00
BUILDING 1456												
SA-FW 23000	1456	SHYD, CIA, BLDG 1456, F 18, (INT, WALL FACING SIXTH ST.) (SCH OUTAGE W/ACTIVITY)	YES	HERSEY	970384	3-1/2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, SY-BFP-23000, BACKFLOW PREVENTER REDUCED PRESSURE. SN 87534 WAS EDITED	\$150.00
BUILDING 149												
SA-FW 1194	149	SHYD, CIA, B-149, E 20, (LOCATED PWR PLT 2, IN MIXED BEDS DI RM, SEE WATCH SPRVSR)	YES	AMES	4A10175	4"	RP	HEALTH	1	MAIN SERVICE	NO TAG OR PLATE TO VERIFY DEVICE DETAILS. CONTROL VALVE, SY-BFP-1194, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
BUILDING 1910												
SA-FWV 0183BP	1910	SHIPYARD, SE OF BLDG 1910, NORTH OF SOUTH AVE, INSIDE OF BLDG 1910 FENCED AREA	YES	WATTS	325696	8"	DCVA	NON HEALTH	1	FIRE SYSTEM	NO TAG. SERIAL NUMBER IS PRETTY MUCH UNREADABLE. CONTROL VALVE, SY-BFP-0183BP, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION. VALVE WHEEL CHAIN LOCK HAS BEEN CUT	\$150.00
BUILDING 215												
SA-FW 0215	215	SHYD, CIA, B-215, SIDE OF BLDG FACING CHOSIN AVE.	YES	WATTS	000363	8"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, SY-BFP-215, BACKFLOW PREVENTER, DOUBLE CHECK, FIRE PROTECTION, SN 000836 WAS EDITED	\$150.00

BUILDING 324

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
	324	NORTHWEST CORNER OF BLDG 324	YES	UNK	2704	4"	RP	HEALTH	1	MAIN SERVICE	BFP IS DETERIORATED AND CANNOT MAKE OUT A MAKE/MODEL	\$150.00
BUILDING 899												
SA-FW 899	899	TRANSPORTATION BLDG 899 GRASSY AREA OUTSIDE THE FENCE TO THE WEST OF THE BSVE ENTERANCE	YES	WATTS	017266	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, SY-BFP-899, BACKFLOW PREVENTER REDUCED PRESSURE. SN CHANGED FROM 017268. SAME ASSET # SA-FWV 35BP. RECORD DELETED	\$150.00
BUILDING 9A												
SA-FW 51000	9A	SOUTH SIDE OF BLDG, ROOM B125 (ACCESS FROM EXT)	YES	FEBCO	N151015054 4	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	DIFFICULT TO ACCESS DEVICE (BEHIND VALVES) TO READ PLATE & PERFORM DEVICE TEST (COCKS FACING WALL)	\$15,480.00
BUILDING DD-4												
SA-FW 073	DD-4	SHYD, CIA, STA. 73, OSCAR PIER, (DRY DOCK #4)	YES	WILKINS	4923754 XLTCV	2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, SY-BFP-73, BACKFLOW PREVENTER REDUCED PRESSURE. SN 4923754 WAS EDITED	\$150.00
SA-FW 072	DD-4	SHYD, CIA, STA. 72, OSCAR PIER, (DRY DOCK #4)	YES	WILKINS	1920480 XTCU	2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, SY-BFP-72, BACKFLOW PREVENTER REDUCED PRESSURE. SN 1920480 WAS EDITED	\$150.00
BUILDING S1172												
SA-FW 1210	S1172	SHYD, CIA, STA. 110, F 17, (DRY DOCK #1, MAY NEED TO USE SAFETY BELT)	YES	WATTS	SA-3218	2-1/2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, SY-BFP-1210, BACKFLOW PREVENTER REDUCED PRESSURE. SN SA-3286 WAS EDITED	\$150.00
BUILDING S340												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

<i>Asset #</i>	<i>Bldg</i>	<i>Location</i>	<i>Inst</i>	<i>Make/M</i>	<i>Serial No.</i>	<i>Size</i>	<i>Type</i>	<i>Hazard</i>	<i>Qt.</i>	<i>Installed On</i>	<i>Comments</i>	<i>Cost</i>
				<i>odel</i>		<i>in</i>		<i>Level</i>				
SA-FW 0891	S340	SHYD, OUTLAYING, AIR COMPRESSOR PLANT, WEST EXTERIOR SIDE OF BLDG.	YES	WATTS	08094	2-1/2"	RP	HEALTH	1	MAIN SERVICE	HOSE CONNECTION SHOULD NOT BE ON THE TEST COCK. CONTROL VALVE, SY-BFP-089A, BACKFLOW PREVENTER DOUBLE CHECK	\$150.00
Total Cost of Priority Group 4 for SHIPYARD												\$19,700.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SUBASE												
BUILDING 1232												
SA-FWP 11011	1232	BLDG 1232, C 4, SUBASE (S/B BEEMAN CENTER, F/FIRE PROTECTION)	YES	FEBCO	9704141353	8"	DCVA	NON HEALTH	1	FIRE SYSTEM	CONTROL VALVE, SB-BFP-11011, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION. SN 904141353 EDITED	\$150.00
BUILDING 1588												
SA-FWP 1033	1588	BLDG 1588, C 7, SUBASE (EXT, LAWN SPRINKLER SYSTEM) (SUBASE BOATHOUSE)	YES	FEBCO	P5775	1-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, SB-BFP-1033, BACKFLOW PREVENTER REDUCED PRESSURE. SN P5755 WAS EDITED	\$150.00
BUILDING 1663A												
SA-FWP 1001	1663A	BLDG 1547, C 6, SUBASE, SIERRA 1, (EXT, A/C SYSTEM) (BLDG S1547 STA. J- 14, SIERRA 1A)	YES	CONBRAC O	144208	1"	RP	HEALTH	1	CHILLER MAKE UP	CONTROL VALVE, SB-BFP-1001, BACKFLOW PREVENTER REDUCED PRESSURE. SN 144239 WAS EDITED	\$150.00
BUILDING 416												
SA-FWQ 11895	416	BLDG 416, MAINT. SHOP BEHIND BLDG	YES	FEBCO	H1109	1"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, SB-BFP-11895, BACKFLOW PREVENTER REDUCED PRESSURE. SN 1109 EDITED	\$150.00
BUILDING 434												
	434	BLDG INTERIOR, EAST ENTRANCE	YES			6"	DCVA	NON HEALTH	1	FIRE SYSTEM	DEVICE HAS NO IDENTIFYING PLATE/TAG, MAKE/MODEL/SERIAL UNK	\$150.00
BUILDING 718												

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FWP 1373	718	BLDG 1729, C 6, SUBASE (INT, MECHANICAL ROOM) (LOCKWOOD HALL)	YES	HERSEY	9710450	4"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, SB-BFP-1373, BACKFLOW PREVENTER REDUCED PRESSURE. SN 9T10450 WAS EDITED	\$150.00
BUILDING 796												
SA-FWP 280	796	STA. 280, C 4, SUBASE (SIERRA 16)	YES	WATTS	SB-1512	2-1/2"	RP	HEALTH	1	MAIN SERVICE	REMOVE HOSE CONNECTED TO TEST COCK. CONTROL VALVE, SB- BFP-280, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
Total Cost of Priority Group 4 for SUBASE												\$1,050.00

Priority Group 4 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size in	Type	Hazard Level	Qt.	Installed On	Comments	Cost
WAIPIO												
BUILDING 166												
SA-RFW 0005	166	FRONT OF BLDG 166, WAIPIO, BECKONING POINT, DEGAUSSING STA.	YES	FEBCO	N090325024 3	8"	RP	HEALTH	1	FIRE SYSTEM	FIRE PROTECTION RELIEF VALVE HAS BEEN REMOVED. CONTROL VALVE, BKPT-BFP-0005, BACKFLOW PREVENTER REDUCED PRESSURE	\$2,570.00
SA-RFW 0003	166	NEXT TO MAIN RD, BLDG 165, WAIPIO, BECKONING POINT, DEGAUSSING STA.	YES	WILKINS	3182681	1"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, BKPT-BFP-0003, BACKFLOW PREVENTER REDUCED PRESSURE. SN 3182581 WAS EDITED	\$150.00
Total Cost of Priority Group 4 for WAIPIO												\$2,720.00

Total Number of Records Found: 211

Total Number of Devices Found: 211

Total Cost of Priority Group 4 Devices: \$86,440.00

APPENDIX I

Report of Priority Group 5 Findings

(Provided Electronically)

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
BISHOP PT												
BUILDING 17												
	17	NORTH SIDE OF BLDG 17'S PICNIC AREA WHICH IS ON THE EAST SIDE OF BLDG 17	YES	HUNTER	NA	3/4"	AVB	HEALTH	7	IRRIGATION SYSTEM	STANDING WATER, VALVES ARE LEAKING. AVB IS NOT A TESTABLE DEVICE. NEEDS TESTABLE DEVICE	\$2,100.00
SA-FWW 40	17	STA. 40, ALPHA 2, BISHOP POINT (ALPHA 2), EAST SIDE OF PIER 2, 30' FROM END	YES	WATTS	RE-1168	2-1/2"	RP	HEALTH	1	PIER CONNECTION	CONTROL VALVE, BIS-BFP-40, BACKFLOW PREVENTER REDUCED PRESSURE. ALL VALVES ARE OPEN AND END OF BFP IS LEAKING	\$1,460.00
SA-FWW 162	17	BLDG 52, BISHOP PT, BISHOP POINT DWG 1048575, EXT, SOUTH ACROSS B-53 INSIDE WASTEWATER LIFT STA.	YES	WATTS	49824	3/4"	RP	HEALTH	1	MAIN SERVICE	LEAKING. CONTROL VALVE, BIS-BFP-162, BACKFLOW PREVENTER REDUCED PRESSURE	\$880.00
BUILDING 50A												
SA-FWW 36	50A	STA. 36, ALPHA 1, BISHOP POINT (ALPHA 1), SE END OF WHARF	YES	WATTS	RA-2118	2-1/2"	RP	HEALTH	1	MAIN SERVICE	LEAKING FROM THE END. CONTROL VALVE, BIS-BFP-36, BACKFLOW PREVENTER REDUCED PRESSURE. PROVIDE A BLIND CAP.	\$1,460.00
Total Cost of Priority Group 5 for BISHOP PT												\$5,900.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel			in		Level				
CAMP SMITH												
BUILDING 20A												
	20A	INSIDE CHILLER ROOM; ACCESS DOOR ON WEST SIDE OF BLDG	YES	WATTS	009283	1"	RP	HEALTH	1	CHILLER MAKE UP	STEADY DRIP FROM RELIEF VALVE	\$880.00
BUILDING 366												
SA-QFW 1371	366	BLDG 366, CAMP SMITH, OLD STABLES, (EXT, IN CORRAL ADJACENT RD) SCH WTR OUTAGE W/ACTIVITY !!!	YES	WATTS	125246	2-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	RELIEF VALVE BROKEN (CLOSED OFF); HOSES ATTACHED TO TEST COCKS FOR SPRINKLERS (REMOVED BY BASE PERSONNEL UPON DISCOVERY). CONTROL VALVE, CS-BFP-1371, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING; TAG INCORRECTLY LISTS S/N AS 104255	\$1,460.00
BUILDING 401												
SA-QFW 0196BP	401	CAMP SMITH BLDG 401 SE SIDE OF BLDG NEXT TO STAIRWAY BY RM 103	YES	FEBCO		2"	AVB	HEALTH	1	IRRIGATION SYSTEM	HOUSING; DEVICE MISSING AIR INLET SEAT. CONTROL VALVE, CS-BFP-0196BP, BACKFLOW PREVENTER OTHER	\$270.00
BUILDING 80												
	80	WEST SIDE OF BLDG	YES	WATTS	59904	3/4"	RP	HEALTH	1	CHILLER MAKE UP	SMALL CONTINUOUS DRIP FROM RELIEF VALVE	\$880.00
Total Cost of Priority Group 5 for CAMP SMITH												\$3,490.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
CATLIN PARK												
BUILDING 5416-KIL												
SA-FWF 0529BP	5416-KIL	CATPAR, CATLIN PARK; NEAR FH 18, NEAR ENTRANCE TO PARKING FOR BLDG 3349 - LEASING SERVICES OFFICE	YES	FEBCO	060211120	4"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, CP-BFP- 0529BP, BACKFLOW PREVENTER REDUCED PRESSURE, 4", HOUSING. MINOR LEAK	\$2,910.00
BUILDING NM-M-1												
SA-FWF 0532BP	NM-M-1	CATPAR, CATLIN PARK, NMGC, OUTSIDE GOLF MAINT. ABOVE FENCE,	YES	FEBCO	A03683	1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, CP-BFP- 0532BP, BACKFLOW PREVENTER REDUCED PRESSURE, 1.5". MINOR LEAK	\$570.00
Total Cost of Priority Group 5 for CATLIN PARK												\$3,480.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
DORIS MILLER												
BUILDING 2297												
SA-FWE 19282	2297	DORIS MILLER, CORNER OF NOAA CDC BLDG,, OLD NAVY RESERVE	YES	WILKINS	3988802	2"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, DM-BFP-19282, BACKFLOW PREVENTER REDUCED PRESSURE; MINOR LEAK	\$1,390.00
Total Cost of Priority Group 5 for DORIS MILLER												\$1,390.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
FORD ISLAND												
BUILDING 1219												
SA-FWS 12244	1219	SOUTHWEST OF BLDG 4989B	YES	WATTS	627363	8"	RP	HEALTH	1	MAIN SERVICE	VENT IS CAPPED AND NEEDS TO BE UNCAPPED. THE RP IS BEING USED AS DCVA MOST LIKELY BECAUSE IT WAS DUMPING FROM THE VENT	\$150.00
BUILDING 133												
SA-FWS 38	133	FORD ISLAND, NORTH EXTERIOR CORNER OF B-133, SOUTHWEST AND ACROSS THE STRET FROM BLDG 130	YES	WATTS	290443	2"	RP	HEALTH	1	MAIN SERVICE	LEAKING. CONTROL VALVE, FI- BFP-38, BACKFLOW PREVENTER REDUCED PRESSURE. ASSET NUMBER SA-FWS 1331WITH SAME SN WAS DELETED	\$1,390.00
BUILDING 187												
SA-FWS 1870	187	NORTH SIDE OF BLDG 187 BEHIND THE SHURBS AND BAMBOO TREES	YES	WATTS	255017	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	CLEAR THE SURROUNDING SHRUBS AND TREES. VALVE LOCKING CHAIN IS BROKEN OFF OF THE VALVE OPERATING WHEELS. EVIDENCE OF LEAKAGE FROM THE UPSTREAM VALVE STEM.	\$4,830.00
SA-FWS 187BP	187	NORTH SIDE OF BLDG 187 BEHIND THE SHURBS AND BAMBOO TREES	YES	WATTS	167059	3"	RP	HEALTH	1	MAIN SERVICE	RELIEF VENT IS LEAKING. POTENITAL CROSS CONNECTION ON THE UPSTREAM SIDE OF THE BFP. 3" VALVE WITH A THREADED CONNECTION ON THE UPSTREAM SIDE	\$1,460.00
BUILDING 43												
SA-FWS 2171	43	BLDG S395, FORD ISLANDAREA . IN THE GRASSY SOUTH OF BLDG 43 AND EAST OF BLDG 89	YES	WATTS	277196	2"	RP	HEALTH	1	IRRIGATION SYSTEM	VALVE HANDLES HAVE BEEN BROKEN OFF, NEED REPLACING. CONTROL VALVE, FI-BFP-2171, BACKFLOW PREVENTER REDUCED PRESSURE	\$650.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 456												
SA-FWS 2371	456	NORTHEAST CORNER OF BLDG 77. FORD ISLAND	YES	WATTS	265694	2"	RP	HEALTH	1	IRRIGATION SYSTEM	EVIDENCE OF VENT LEAKAGE, VALVE HANDLES ARE MISSING. CONTROL VALVE, FI-BFP-2371, BACKFLOW PREVENTER REDUCED PRESSURE	\$650.00
BUILDING 464A												
SA-FWS 3166	464A	NORTHEAST CORNER OF B-465, FORD ISLE, FORD ISLAND (EXTERIOR, ADJACENT PROPANE STORAGE)	YES	WATTS	444221	1-1/2"	RP	HEALTH	1	MAIN SERVICE	MISSING VALVE HANDLES. CONTROL VALVE, FI-BFP-3166, BACKFLOW PREVENTER REDUCED PRESSURE	\$460.00
BUILDING 4666-NEV												
	4666- NEV	EAST OF INTERSECTION SARATOGA BLDVD AND NEVADA ST	YES	WATTS	627300	8"	RP	HEALTH	1	MAIN SERVICE	VENT IS CAPPED AND NEEDS UNCAPPING. CLEAN AND REPAINT	\$150.00
BUILDING 468												
SA-FWS 830	468	FORD ISLAND, EAST OF THE OKLAHOMA MEMORIAL MONUMENT	YES	WILKINS	2436693	1-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	LEAKING 1/4 GALLON PER MINUTE FROM THE VENT DIAPHRAM, NEEDS REPLACEMENT. HOSE BIB CONNECTION ON THE UNPROTECT SIDE OF THE BFP, NEEDS RELOATING. PIPING APPEARS TO HAVE BEEN DAMAGED. CONTROL VALVE, FI- BFP-830, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00

BUILDING 469

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
SA-FWS 3481	469	STA. 348A, FOX 5, SOUTHERN MOST BFP AT THE 150' PIER MARKER. FORD ISLAND	YES	WATTS	SA-3232	3"	RP	HEALTH	1	MAIN SERVICE	LEAKING FROM THE VENT VALVE. CONTROL VALVE, FI-BFP-3481, BACKFLOW PREVENTER REDUCED PRESSURE. ASSET NUMBER SA-FWS 348 WAS DELETED BECAUSE IT IS IN THE SAME AREA AND CNL	\$1,460.00
SA-FWS 350	469	MID NORTH SIDE OF PIER, JUST SOUTH OF PEIR MARKER 600, FOX 5, FORD ISLAND	YES	WATTS	SB-0056	3"	RP	HEALTH	1	MAIN SERVICE	VENT IS LEAKING AND NEEDS TO BE REPLACED. CONTROL VALVE, FI-BFP-3491, BACKFLOW PREVENTER REDUCED PRESSURE. SN SB-0065 WAS EDITED	\$1,460.00
SA-FWS 351	469	STA. 351, NORTHERN END OF PIER, AT PEIR MARKER 850, FOX 5, FORD ISLAND	YES	WATTS	SA-3276	3"	RP	HEALTH	1	MAIN SERVICE	VENT IS LEAKING AND SHOULD BE REPLACED. CONTROL VALVE, FI-BFP-3511, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING 4712-OKL												
SA-FWS 12276	4712-OKL	FORD ISLAND, NORTH EAST OF PLAYGROUND, ACROSS QTRS 4712, OKLAHOMA,	YES	WATTS	627309	8"	RP	HEALTH	1	MAIN SERVICE	VENT IS CAPPED AND SHOULD BE UNCAPPED	\$150.00
BUILDING 4866												
SA-FWS 12570	4866	FORD ISLAND, ACROSS B-4905 DAUNTLESS DR., NORTH OF RESTROOMS	YES	FEBCO	J0044977	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, FI-BFP-12570, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING. NEEDS PAINTING, LEAKING FROM THE DOWNSTREAM TEST COCK	\$1,390.00
BUILDING 75												

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
SA-FWS 0133BP	75	SOUTHWEST EXTERIOR CORNER OF BLDG 75, EXT AC FEED SE CORNER OF BLDG NXT TO AC UNIT IN CHAIN LINK FENCE AREA AGAINST WALL	YES	WATTS	471825	3/4"	RP	HEALTH	1	CHILLER MAKE UP	SUSTAINED LEAKAGE FROM THE VENT. CONTROL VALVE, FI-BFP-0133BP, BACKFLOW PREVENTER REDUCED PRESSURE	\$880.00
BUILDING 77												
SA-FWS 0126BP	77	BLDG 77, INTERIOR AC/CHILL WTR MECH ROOM 73 WITH EXTERIOR ACCESS, NORTH SIDE OF BLDG	YES	HERSEY	108789	3"	RP	HEALTH	1	CHILLER MAKE UP	VENT IS CAPPED. NEEDS PAINTING. CONTROL VALVE, FI-BFP-0126BP, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
BUILDING 78												
SA-FWS 1011	78	FORD ISLAND, BLDG 78, NAVY LODGE, POC: 440-2290 X 1707, WEST SIDE OF BLDG 78	YES	WATTS	166076	3"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, FI-BFP-1011, BACKFLOW PREVENTER REDUCED PRESSURE. APPEARS TO BE SHUT OFF, TEST COCKS ARE NOT FUNCTIONAL. HEDGES ARE ENCHROCHING UPON THE BFP.	\$350.00
SA-FWS 781	78	NEXT TO DOG PARK. FORD ISLAND, BLDG 78, NAVY LODGE, NEAR DOG PARK	YES	WATTS	89900	1-1/2"	RP	HEALTH	1	MAIN SERVICE	DOWNSTREAM VALVE AND CONNECTING PIPE IS LEAKING 1 GALLON PER MINUTE. ALSO SHOULD RAISE UP THE BFP 6".	\$1,390.00
	78	SOUTHEAST SIDE OF BLDG 78 BEHIND HEDGES	YES	WATTS	214376	1/2"	RP	HEALTH	1	WATER FOUNTAIN	VENT IS DRIPPING 4 DROPS/SECOND, POSSIBLE CHECK VALVE FAILURE.	\$570.00
BUILDING 833												
SA-FWS 12911	833	FORD ISLAND, B-833, SEWER LIFT STA, ACROSS FROM BLDG 3 & 217	YES	WATTS	220665	3/4"	RP	HEALTH	1	MAIN SERVICE	LEAKING FROM THE VENT. CONTROL VALVE, FI-BFP-12911, BACKFLOW PREVENTER REDUCED PRESSURE	\$880.00
BUILDING 87												

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
SA-FWS 872	87	FORD ISLAND, B-87(NMCI), WEST EXTERIOR SIDE OF BLDG 87, POC #1 356-6004 / #2 356 6027	YES	WATTS	004423	3"	RP	HEALTH	1	MAIN SERVICE	CHECK VALVE IS LEAKING. CONTROL VALVE, FI-BFP-87B, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING 88												
SA-FWS 0111BP	88	FORD ISLE, IRRIGATION SOUTH EXTERIOR SIDE OF BLDG 88, FORD ISLAND	YES	WATTS	017075	2"	AVB	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, FI-BFP-0111BP, BACKFLOW PREVENTER OTHER. REPLACE AVB BFP WITH AN RP BFP. LEAKING FROM THE DOWNSTREAM CONNECTION.	\$540.00
SA-FWS 0441BP	88	BLDG 88, SNACK SHOP. SOUTH EXTERIOR SIDE OF BLDG 88	YES	FEBCO	0008281304	6"	DCVA	NON HEALTH	1	FIRE SYSTEM	UPSTREAM VALVE FLANG IS CONTINUOUSLY LEAKING (1/2 GAL/MIN). CONTROL VALVE, FI-BFP-0441BP, BACKFLOW PREVENTER DOUBLE CHECK, FIRE PROTECTION. NEEDS REPAIR.	\$4,830.00
BUILDING S254												
SA-FWS 961	S254	ACROSS QTRS 106, FORD ISLE (ACROSS FROM QTRS 106)	YES	FEBCO	AF0566	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, FI-BFP-961, BACKFLOW PREVENTER REDUCED PRESSURE. VALVE HANDLES HAVE CORRODED OFF, RECOMMEND REPLACING.	\$650.00
BUILDING S382												
SA-FWS 372	S382	STA. 372, FOX 13, NORTHEAST OF PIER MARKER 50', FORD ISLAND	YES	WATTS	RC-1072	2-1/2"	RP	HEALTH	1	MAIN SERVICE	EQUALIZING LINE FROM INLET TO VALVE IS MISSING, SHOULD NOT BE USED UNTIL FIXED. CONTROL VALVE, FI-BFP-372, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00

Total Cost of Priority Group 5 for FORD ISLAND

\$30,210.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
HALE ALII												
BUILDING 546												
SA-FWV 673	546	NAVSTA, HALE ALII, BEHIND QTRS 4609 & 4583, ALONG BACK ACCESS RD. NORTH OF BLDG 546 AND ACROSS THE ROAD.	YES	FEBCO	105433	2"	RP	HEALTH	1	IRRIGATION SYSTEM	TEST COCK IS LEAKING. CONTROL VALVE, HALALI-BFP- 673, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING, 2"	\$1,390.00
Total Cost of Priority Group 5 for HALE ALII												\$1,390.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
HALE MOKU												
BUILDING 3453												
	3453	EAST SIDE OF HALE MOKU POOL PUMP ROOM	YES	WILKINS	2739045	2"	RP	HEALTH	1	IRRIGATION SYSTEM	MINOR LEAK	\$1,390.00
BUILDING 7520												
SA-FWR 7171	7520	HALE MOKU, W. TEAFF CT. BEHIND QTRS 813 & 815	YES	FEBCO	A04982	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, HM-BFP-7171, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING, 2"; MINOR LEAK FROM PIPE FITTING	\$1,390.00
BUILDING 7529												
SA-FWR 0484BP	7529	HALE MOKU, TAUSSING CT, BEHND QTRS 1601-1603	YES	FEBCO	A10900	2"	RP	HEALTH	1	IRRIGATION SYSTEM	SIGNIFICANT LEAK. CONTROL VALVE, HM-BFP-0484BP, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING, 2"	\$1,390.00
Total Cost of Priority Group 5 for HALE MOKU												\$4,170.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
HICKAM												
BUILDING 1001H												
H1085219	1001H	NEAR THE SMOKE PIT ACROSS FROM 1102 C WING. NORTH OF BUILDING 1001H IN GRASS AREA BY D ST	YES	FEBCO	H030791	2"	PVB	HEALTH	1	IRRIGATION SYSTEM	LEAKING. CONTROL VALVE, ZONE 7-8H BF, BACKFLOW PREVENTER PVB. NEEDS REPAIR	\$320.00
BUILDING 1052H												
UMA057000958	1052H	BLDG 1052 IN THE ENCLOSURE FOR THE WATER TANKS	YES	FEBCO	H006211	2"	PVB	HEALTH	1	IRRIGATION SYSTEM	MISSING COVER PLATE. CONTROL VALVE, ZONE 8-45H BF, BACKFLOW PREVENTER PVB	\$270.00
UMA057000560	1052H	BLDG 1052 FOR EYE WASH STATION	YES	WATTS	07239	1-1/4"	RP	HEALTH	1	MAIN SERVICE	LEAKING. CONTROL VALVE, ZONE 7-3L BF, BACKFLOW PREVENTER RP. CONTROL VALVE, ZONE 7-3L BF, BACKFLOW PREVENTER RP	\$1,390.00
BUILDING 1106H												
UMA057000592	1106H	BLDG 1106 ALOHA CENTER	YES	FEBCO	F0301101220	3"	RP	HEALTH	1	IRRIGATION SYSTEM	LEAKING FROM VENT. CONTROL VALVE, ZONE 7-3H BF, BACKFLOW PREVENTER RP	\$1,460.00
BUILDING 1257H												
UMA057000193	1257H	H STREET CORNER OF BLDG 1257	YES	FEBCO	AB1111	2"	PVB	HEALTH	1	IRRIGATION SYSTEM	NEEDS COVER. CONTROL VALVE, ZONE 5-30H BF	\$270.00
BUILDING 1335H												
UMA057002040	1335H	SOUTHWEST EXTERIOR CORNER OF BLDG 1335, SCHOOL AGE AND TEEN CENTER	YES	WILKINS	L37979	6"	RP	HEALTH	1	FIRE SYSTEM	VENT IS LEAKING - WORK ORDER NUMBER: GV3JLW, WHOLE BACKFLOW TO BE REPLACED ON 5/5/2022). CONTROL VALVE, ZONE 2-7L BF, BACKFLOW PREVENTER RP	\$2,910.00
BUILDING 1654H												

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
UMA057002037	1654H	NORTH OF KUNTZ AVE, SOUTH OF BLDG 1654H AND THE PERIMETER FENCING	YES	WILKINS	35515	6"	RP	HEALTH	1	FIRE SYSTEM	SENSING LINE IS LEAKING - PARTS ORDER (WORK ORDER NUMBER: GW4BK6). CONTROL VALVE, ZONE 2-4L BF, BACKFLOW PREVENTER RP	\$2,910.00
BUILDING 1760H												
	1760H	SOUTHEAST EXTERIOR CORNER OF BLDG 1760, WATER METER IN SIDEWALK	NO			1-1/2"	NONE	NON HEALTH	1	MAIN SERVICE	WATER METER IS LEAKING WITHIN THE BOX	\$450.00
BUILDING 180H												
UMA057002627	180H	VANDENBURG BASEBALL FIELDS, DIAMOND HEAD SIDE. EASTSIDE OF BUILDING ON THE OUTSIDE CORNER OF THE FENCE	YES	FEBCO	A035192	2"	RP	HEALTH	1	IRRIGATION SYSTEM	LEAKING. CONTROL VALVE, ZONE 4-1H BF, BACKFLOW PREVENTER R P	\$1,390.00
BUILDING 201-10TH												
UMA057000485	201-10TH	SIGNER BLVD BETWEEN NELLIS CHAPEL AND BASE LIBRARY	YES	CONBRAC O	215766	2"	RP	HEALTH	1	IRRIGATION SYSTEM	LEAKING. CONTROL VALVE, ZONE 6-64H BF, BACKFLOW PREVENTER RP	\$1,390.00
BUILDING 2094H												
UMA057000232	2094H	BLDG 2094 MAUKA SIDE (POST OFFICE).	YES	FEBCO	AA9734	2"	PVB	HEALTH	1	IRRIGATION SYSTEM	LEAKING. CONTROL VALVE, ZONE 5-70H BF, BACKFLOW PREVENTER PVB	\$320.00
BUILDING 2191H												
	2191H	SOUTH SIDE OUTSIDE NEXT TO STEEL BEAM FOR OVERHEAD COVER	NO			1"	OTHER	HEALTH	1	UNKNOWN	WHEN VALVE TURNED ON, WATER CAME OUT OF THE GROUND IN THE BENCH AREA. PIPE NEEDS TO BE CAPPED OR REMOVED.	\$160.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
BUILDING 3465H												
	3465H	LEFT SIDE OF ENTRANCE IN GRASS	YES	FEBCO		2"	PVB	HEALTH	1	IRRIGATION SYSTEM	NEEDS COVER	\$270.00
UMA057001547	3465H	NEAR BLDG 3465 SEA BREEZE WEST SIDE BY PARKING LOT	YES	FEBCO	0209201328	4"	RP	HEALTH	1	FIRE SYSTEM	LEAKING. CONTROL VALVE, ZONE 10-31H BF, BACKFLOW PREVENTER RP	\$2,910.00
BUILDING 3470H												
UMA057001543	3470H	NEAR BLDG 3470 HICKAM BATHROOMS NEAR THE GRILL AREA	YES	FEBCO		2"	PVB	HEALTH	1	IRRIGATION SYSTEM	NEEDS COVER. CONTROL VALVE, ZONE 10-28H BF, BACKFLOW PREVENTER PVB	\$270.00
BUILDING 4100H												
UMA057002345	4100H	NEXT TO BLDG 4100-- 647TH SUPPORT GROUP	YES	WATTS	122108	3"	RP	HEALTH	1	MAIN SERVICE	LEAKING FROM VENT. CONTROL VALVE, ZONE 3-26L BF, BACKFLOW PREVENTER RP	\$1,460.00
BUILDING 422												
	422	SOUTHEAST CONER OF BUILDING	YES	WATTS	L24846	2-1/2"	RP	HEALTH	1	MAIN SERVICE	LEAKING	\$1,460.00
	422	SOUTHEAST CONER OF BUILDING	YES	CONBRAC O	235069	1-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	LEAKING	\$1,390.00
BUILDING 500H												
UMA057000464	500H	NORTHWEST CORNER OF BUILDING	YES	FEBCO	N130727073 5	3"	RP	HEALTH	1	IRRIGATION SYSTEM	LEAKING. CONTROL VALVE, ZONE 6-41H BF, BACKFLOW PREVENTER RP	\$1,460.00
BUILDING 595H												
	595H	NORTHEAST CORNER OF BUILDING IN MILL MEDIAN	YES	FEBCO	NA	2"	AVB	HEALTH	1	IRRIGATION SYSTEM	NEEDS TESTABLE DEVICE. LEAKING FROM CONTROL VALVE	\$320.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 601H												
UMA057000452	601H	SOUTHWEST OF BUILDING	YES	FEBCO	AA9752	2"	PVB	HEALTH	1	IRRIGATION SYSTEM	LEAKING. CONTROL VALVE, ZONE 6-5H BF, BACKFLOW PREVENTER PVB	\$320.00
BUILDING 6500H												
	6500H	NORTHWEST EXTERIOR CORNER OF BLDG 6500H, EAST OF FENCED IN AC UNIT	YES	WATTS	430322	2"	RP	HEALTH	1	MAIN SERVICE	VENT IS LEAKING	\$1,390.00
	6500H	NORTHWEST EXTERIOR CORNER OF BLDG 6500H, NORTH OF FENCED IN AC UNIT	YES	WATTS	A02355	1-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	VENT IS LEAKING	\$1,390.00
Total Cost of Priority Group 5 for HICKAM												\$25,880.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
HICKAM FLIGHT LINE												
BUILDING 3400H												
UMA057001566	3400H	IN THE BACK OF BLDG 3402 AND NEXT TO BLDG 3400	YES	AMES	101034	6"	RP	HEALTH	1	FIRE SYSTEM	CONSTANT DRIP FROM RELIEF VALVE. CONTROL VALVE, ZONE 10-47H BF, BACKFLOW PREVENTER RP	\$2,910.00
BUILDING 3525H												
	3525H	3RD BASE LINE BLEACHERS OF ADJACENT BALLFIELD	YES			3/4"	HBVB	NON HEALTH	1	MAIN SERVICE	CONTINUOUS LEAK FROM WATER FOUNTAIN CONNECTON	\$340.00
BUILDING 3545H												
H1080926	3545H	BLDG 3545H HANG AMMO MAIN OFFICE. BLDG.3534 HANG MUNITONS AREA (AMMO ADMIN BLDG.)	YES	WILKINS	3765587	2"	RP	HEALTH	1	MAIN SERVICE	DOWNSTREAM PIPE BENT. CONTROL VALVE, ZONE 11-12 BF, BACKFLOW PREVENTER RP. ASSET NUMBER H1087336 WITH SAME SN WAS DELETED. CONTROL VALVE, ZONE 11-11H	\$730.00
BUILDING 3548H												
H1080938	3548H	BLDG.3548 HANG MUNITIONS AREA	YES	WILKINS	U35114	4"	DCVA	NON HEALTH	1	FIRE SYSTEM	DOWNSTREAM SHUTOFF VALVE LEAKING. CONTROL VALVE, ZONE 11-6L, BF, BACKFLOW PREVENTER DC	\$3,120.00
BUILDING 4046H												
UMA057001702	4046H	WESTSIDE OF BUILDING. BOTTOM OF THE HILL AT THE CLEAR WATER RINSE FACILITY	YES	WILKINS	L35823	6"	RP	HEALTH	1	MAIN SERVICE	LEAKING. NEEDS REPAIR. CONTROL VALVE, ZONE 10-23L BF, BACKFLOW PREVENTER RP. ALSO ZONE 11-10H BF	\$2,910.00
Total Cost of Priority Group 5 for HICKAM FLIGHT LINE												\$10,010.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
HOSPITAL POINT												
BUILDING 363												
SA-FWV 5022	363	FRONT OF RESIDENCE	YES	FEBCO	H027309	1"	PVB	HEALTH	1	IRRIGATION SYSTEM	LEAKING SLIGHTLY.	\$300.00
Total Cost of Priority Group 5 for HOSPITAL POINT												\$300.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
IROQUOIS PT												
BUILDING 5041												
SA-JFW 5041	5041	NORTH OF SPLASH PAD AREA;	YES	FEBCO	H04552	2"	RP	HEALTH	1	IRRIGATION SYSTEM	MODERATE LEAK	\$1,390.00
BUILDING 5162												
	5162	SOUTHEAST CORNER OF BLDG 5162	YES	FEBCO	H018277	1"	RP	HEALTH	1	IRRIGATION SYSTEM	MINOR LEAK	\$880.00
BUILDING 5514												
SA-JFW 5514	5514	SOUTHWEST OF BLDG 5514	YES	FEBCO	H018185	1"	RP	HEALTH	1	IRRIGATION SYSTEM	MINOR LEAK	\$880.00
BUILDING 5589												
SA-JFW 5593	5589	NORTHWEST OF BLDG 5589	YES	FEBCO	J626688	1"	RP	HEALTH	1	IRRIGATION SYSTEM	MINOR LEAK	\$880.00
BUILDING 5651												
SA-JFW 5651	5651	WEST OF BLDG 5651	YES	FEBCO	H018163	1"	RP	HEALTH	1	IRRIGATION SYSTEM	MINOR LEAK	\$880.00
BUILDING 6097												
SA-JFW 6097	6097	OFF WESTERN CORNER OF BUILDING 6097	YES	FEBCO	H011543	1"	RP	HEALTH	1	IRRIGATION SYSTEM	MINOR LEAK	\$880.00
BUILDING 6157												
SA-JFW 6157	6157	NORTH OF BLDG 6157	YES	FEBCO	H016347	1"	RP	HEALTH	1	IRRIGATION SYSTEM	MINOR LEAK	\$880.00
BUILDING 6305												

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
SA-JFW 6305	6305	OFF NORTHWEST CORNER OF BLDG 6305	YES	FEBCO	H011523	1"	RP	HEALTH	1	IRRIGATION SYSTEM	TAG S/N DOES NOT MATCH PLATE; MODERATE LEAK	\$880.00

Total Cost of Priority Group 5 for IROQUOIS PT

\$7,550.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
MAKALAPA												
BUILDING 71M												
SA-FWL 0255BP	71M	MAKALAPA, MAKALAPA DR, QTRS 25	YES	WATTS	22439	1-1/2"	DCVA	NON HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, BMK-BFP- 0255BP, BACKFLOW PREVENTER DOUBLE CHECK, HOUSING; MINOR LEAK; S/N AND SIZE ON TAG ARE INCORRECT. UNDER PROTECTED. NEEDS RP	\$450.00
BUILDING S268												
SA-FWL 1471	S268	BLDG S268, MAKALAPA 60 FT SOUTH WEST OF HYDRANT 937	YES	WATTS	74495	3/4"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, BMK-BFP-1471, BACKFLOW PREVENTER REDUCED PRESSURE; MINOR LEAK	\$880.00
Total Cost of Priority Group 5 for MAKALAPA												\$1,330.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
MANANA HSG												
BUILDING 5391												
SA-EFW 0236BP	5391	MANANA HSG, CEDAR DR., NEXT TO QTRS 5391	YES	FEBCO	120802	2"	RP	HEALTH	1	IRRIGATION SYSTEM	EQUIPMENT DEFECTIVE TAG. CONTROL VALVE, MAN-BFP- 0236BP, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING.CORRECTED FROM 120892	\$1,390.00
Total Cost of Priority Group 5 for MANANA HSG												\$1,390.00



Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
MARINE BARRACKS												
BUILDING 223												
SA-FWV 223	223	SHYD, MARINE BARRACKS, B-223 ACROSS THE STREET BY FUEL PIPE	YES	CHAMPION	NA	2"	AVB	HEALTH	1	IRRIGATION SYSTEM	LEAKING APPROX 1/4 GALLON/MIN. CONTROL VALVE, MP-BFP-223, BACKFLOW PREVENTER OTHER	\$320.00
BUILDING 899												
	899	SOUTHEAST EXTERIOR CORNER OF BLDG 899	NO			1-1/2"	OTHER	HEALTH	1	MAIN SERVICE	REMOVE HOSE CONNECTIONS UPSTREAM SIDE OF THE BFP	\$150.00
BUILDING S217												
SA-FWV 4104	S217	MARINE BARRACKS, BLDG 292, NEAR FH 292, L 18, SHIPYARD OUT LAYING PARKING LOT AREA, IRRIGATION	YES	FEBCO	A139722	1-1/4"	RP	HEALTH	1	MAIN SERVICE	DOWNSSTREAM VALVE IS CLOSED BUT WATER IS STILL LEAKING (1/4 GAL PER MINUTE). CONTROL VALVE, MP-BFP-4104, BACKFLOW PREVENTER REDUCED PRESSURE. DRAIN IS NOT 12" ABOVE THE GROUND.	\$1,390.00
Total Cost of Priority Group 5 for MARINE BARRACKS												\$1,860.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
MOANALUA												
BUILDING 2650B												
SA-FWG 705	2650B	MOANALUA, MOANALUA CENTER, NEAR BLDG 2650B, NORTH EXTERIOR SIDE OF BLDG 2650B.	YES	WILKINS	2147101	1"	RP	HEALTH	1	IRRIGATION SYSTEM	VENT IS LEAKING. CONTROL VALVE, MOA-BFP-705, BACKFLOW PREVENTER REDUCED PRESSURE	\$880.00
Total Cost of Priority Group 5 for MOANALUA												\$880.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
MOANALUA TERRACE												
BUILDING 7126												
SA-FWH 0229BP	7126	MOANALUA TERRACE - REEVES LP - BEHIND QTRS 7126 & 7128	YES	FEBCO	A120843	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, MT-BFP- 0229BP, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING; TAG SN = 120843 (NO "A"); MINOR LEAK	\$1,390.00
BUILDING 7215												
SA-FWH 0227BP	7215	MOANALUA TERRACE - BENNION DR - BEHIND QTRS 5562	YES	FEBCO	A156895	2"	RP	HEALTH	1	IRRIGATION SYSTEM	MODERATE LEAK; VALVE NUT CORRODED. CONTROL VALVE, MT-BFP-0227BP, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING; TAG SN = 156895 (NO "A")	\$1,390.00
BUILDING 7244												
SA-FWH 0231BP	7244	MOANALUA TERRACE - MOLRELL CIR. - BEHIND QTRS 3013/3015	YES	FEBCO	A00934	2"	RP	HEALTH	1	IRRIGATION SYSTEM	MODERATE LEAK. CONTROL VALVE, MT-BFP-0231BP, BACKFLOW PREVENTER REDUCED PRESSURE, HOUSING; NO TAG	\$1,390.00
Total Cost of Priority Group 5 for MOANALUA TERRACE												\$4,170.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
NAVAL STATION												
BUILDING 1263												
SA-FWO 0049BP	1263	NAVSTA, BLDG 1263 (SUBWAY SANDWICH), 40' WEST OF F/H #352 80, EAST OF BLDG 150 IN BLOCH ARENA PARKING LOT. AVB FOR SPRINKLER	YES	LAWN LIFE VALVE	NA	2"	AVB	HEALTH	1	IRRIGATION SYSTEM	LEAKING. CONTROL VALVE, NS- BFP-0049BP, BACKFLOW PREVENTER OTHER	\$320.00
BUILDING 1407												
SA-FWO 0173BP	1407	NAVSTA BLDG 1407 DENTAL/MED NEAR 3RD ENTRANCE, 2ND PLANTER	YES	FEBCO	NA	1-1/4"	AVB	HEALTH	1	IRRIGATION SYSTEM	DRIPPING. CONTROL VALVE, NS- BFP-0173B, BACKFLOW PREVENTER REDUCED PRESSURE OTHER	\$300.00
SA-FWP 1965	1407	NAVSTA, BLDG 1407 DENTAL/MED ALONG SIDEWALK	YES	FEBCO	H037711	2"	PVB	HEALTH	1	IRRIGATION SYSTEM	DRIPPING. CONTROL VALVE, NS- BFP-1965, BACKFLOW PREVENTER OTHER	\$320.00
SA-FWP 1407	1407	FISC - BLDG 1407, DENTAL SIDE, NEXT TO FH 479	YES	FEBCO	F060522120 2	3"	RP	HEALTH	1	MAIN SERVICE	SMALL DRIP. CONTROL VALVE, FP-BFP-1407, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING 1508												
SA-FWO 0064BP	1508	NAVSTA, 3' FROM F/H 441A 40' NORTH OF BLDG 1508 AVB FOR SPRINKLER	YES	CHAMPION	NA	2"	AVB	HEALTH	1	IRRIGATION SYSTEM	LEAKING. CONTROL VALVE, NS- BFP-0064BP, BACKFLOW PREVENTER OTHER	\$320.00
BUILDING 1514												
SA-FWO 1781	1514	NAVSTA, BLDG 1514, A 7, NAV/STA (RED CROSS, SOUTH SIDE FACING MAKALAPA RD)	YES	WATTS	89086	2"	RP	HEALTH	1	MAIN SERVICE	SMALL DRIP. CONTROL VALVE, NS-BFP-1781, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
BUILDING 1725												
SA-FWO 95251	1725	NAVSTA, BLDG 1725, D 8,	YES	WILKINS	4302616	1-1/2"	RP	HEALTH	1	MAIN SERVICE	DRIPPING. CONTROL VALVE, NS-BFP-95251, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00
BUILDING 1758												
SA-FWQ 1901	1758	BLDG 1758, C 2, NSC (EXT, RIGHT SIDE OF BLDG ADJACENT TO NEOSHO AVE) (FUEL DEPT)	NO			3/4"	OTHER	HEALTH	1	HOSE BIBB	REMOVE UNPROTECED HOSE BIB UPSTREAM OF DEVICE. CONTROL VALVE, FP-BFP-1901, BACKFLOW PREVENTER REDUCED PRESSURE	\$150.00
BUILDING 1769												
SA-FWQ 308	1769	FISC - LAFFEY ST. YANKEE 3B PIER	YES	WATTS	QI-0176	2-1/2"	RP	HEALTH	1	MAIN SERVICE	DEVICE LEAKING ON DS END. CONTROL VALVE, FP-BFP-308, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING 1786												
SA- FWO 12473	1786	NAVSTA, NEW FLEET EXCHANGE, BACK OF BLDG	YES	WILKINS	3079789	2"	RP	HEALTH	1	IRRIGATION SYSTEM	LEAKING	\$1,390.00
BUILDING 1917-PORT												
SA-FWO 0071BP	1917-PORT	NAVSTA, BLDG 1617, 50' WEST OF F/H 350 10' NORTH OF LIGHT POLE, FLAG POLE MOSS ROCK WALL	YES	FEBCO	H010232	2"	PVB	HEALTH	1	IRRIGATION SYSTEM	LEAKING FROM UPSTREAM. CONTROL VALVE, NS-BFP-0071BP, BACKFLOW PREVENTER OTHER	\$320.00
BUILDING 479												
SA-FWQ 326	479	FISC, STA. 326, D 2, NSC (KILO 11)	YES	WATTS	18886	4"	RP	HEALTH	1	MAIN SERVICE	DEVICE LEAKING FROM RELIEF VALVE. CONTROL VALVE, FP-BFP-326, BACKFLOW PREVENTER REDUCED PRESSURE	\$2,910.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
	479	KILO 11, B/W SA-FWQ 325 & SA-FWQ 326	YES	WATTS	18905	4"	RP	HEALTH	1	MAIN SERVICE	DEVICE LEAKING FROM SHUTOFF VALVE (NOTICEABLE PLANT GROWTH)	\$2,910.00
BUILDING 89												
SA-FWQ 1041	89	NAVSTA, BLDG 89, B 7, NAV/STA (YMCA ACROSS FROM FUEL TANK #1, 34, &35)	YES	WATTS	300803	2"	RP	HEALTH	1	IRRIGATION SYSTEM	SMALL DRIP. CONTROL VALVE, NS-BFP-1041, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00
BUILDING 947												
SA-FWQ 305	947	FISC - LAFFEY ST. YANKEE 3A PIER	YES	WATTS	QH-2300	2-1/2"	RP	HEALTH	1	MAIN SERVICE	DEVICE LEAKING FROM DS END. CONTROL VALVE, FP-BFP-305, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
Total Cost of Priority Group 5 for NAVAL STATION												\$17,490.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
NAVY/MARINE GOLF COURSE												
BUILDING 7349												
SA-FWG 0195BP	7349	MOANALUA, DRIVING RANGE NAVY/MARINE COURSE ON VALKENBURG	YES	WATTS	229978	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, GP-BFP- 0195BP, BACKFLOW PREVENTER REDUCED PRESSURE; MINOR LEAK	\$1,390.00
Total Cost of Priority Group 5 for NAVY/MARINE GOLF COURSE												\$1,390.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel			in	in	Level				
OHANA NUI												
BUILDING 5302-HAM												
5302-HAM		OHANA NUI, AIRPORT US POST OFFICE, NORTHWEST EXTERIOR CORNER OF DELIVERY AREA, OUTSIDE FENCE, NORTHEAST OF HYDRANT (F28/6515)	NO			2"	OTHER	HEALTH	1	MAIN SERVICE	CAP THE PIPE	\$170.00
Total Cost of Priority Group 5 for OHANA NUI												\$170.00



Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
PEARL CITY HSG												
BUILDING 8057												
SA-AFW 12017	8057	LEHUA AVE & FARM ST., NEXT TO HYD 46, NEXT TO SA-AFW 12017, PEARL CITY	YES	WILKINS	321630	1"	RP	HEALTH	1	MAIN SERVICE	CONTROL VALVE, PC-BFP-0697BP, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING; MINOR LEAK	\$880.00
BUILDING 8152												
SA-AFW 7035	8152	PEARL CITY, SERVICES DOG PARK, ACROSS INTERSECTION OF LEHUA AVE & LANAKILA AVE	YES	WATTS	B32162	3/4"	RP	HEALTH	1	WATER FOUNTAIN	SEVERE LEAK. CONTROL VALVE, PC-BFP-7035, BACKFLOW PREVENTER REDUCED PRESSURE, 3/4", HOUSING	\$880.00
BUILDING 8167												
SA-AFW 12016	8167	PEARL CITY, ASHLEY AVE & KIRKBRIDGE INTER NEAR PLAYGROUND	YES	FEBCO	050941	2"	RP	HEALTH	1	IRRIGATION SYSTEM	MODERATE LEAK. CONTROL VALVE, PC-BFP-12016, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING	\$1,390.00
Total Cost of Priority Group 5 for PEARL CITY HSG												\$3,150.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
PEARL CITY INDUST												
BUILDING 794												
SA-AFW 0103BP	794	NORTHWEST OF INTERSECTION OF WAIPUA AVE AND LEHUA AVE	YES	FEBCO	A06009	2"	RP	HEALTH	1	IRRIGATION SYSTEM	MODERATE LEAK	\$1,390.00
BUILDING 994												
	994	PEACIT, INDUST, BLDG 994, PEARL CITY PENINSULA, SOUTH EXTERIOR SIDE OF BLDG 994	NO			1"	OTHER	HEALTH	1	HOSE BIBB	MOVE HOSE BIB DOWNSTREAM FROM BACKFLOW DEVICE	\$150.00
BUILDING V3												
SA-AFW 23	V3	PEACIT, STA. 23, VCTRY DK3, PEARL CITY PENINSULA, SOUTH OF 100' PIER MARKER	YES	WATTS	RH-2376	2-1/2"	RP	HEALTH	1	PIER CONNECTION	VENT IS LEAKING. CONTROL VALVE, PC-BFP-23, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING V4												
SA-AFW 16	V4	PEACIT, STA. 16, VCTRY DK4, PEARL CITY PENINSULA (KEY FROM P/C FUEL DEPT REQUIRED), NORTHERN MOST BFP	YES	WATTS	RH-2082	2-1/2"	RP	HEALTH	1	PIER CONNECTION	VENT IS LEAKING. CONTROL VALVE, PC-BFP-16, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
SA-AFW 17	V4	PEACIT, STA. 17, VCTRY DK4, PEARL CITY PENINSULA	YES	WATTS	RH-0958	2-1/2"	RP	HEALTH	1	PIER CONNECTION	VENT IS LEAKING. CONTROL VALVE, PC-BFP-17, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
SA-AFW 19	V4	PEACIT, STA. 19, VCTRY DK4, PEARL CITY PENINSULA	YES	WATTS	RH-2104	2-1/2"	RP	HEALTH	1	PIER CONNECTION	VENT IS LEAKING. CONTROL VALVE, PC-BFP-19, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel				in	Level				
Total Cost of Priority Group 5 for PEARL CITY INDUST												\$7,380.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
PUULOLO RIFLE RANGE												
BUILDING 4755												
SA-LFW 82	4755	BLDG 300, PUULOLO, PUULOLO RIFLE RANGE (INT, MECHANICAL RM)	YES	WATTS	101465	2-1/2"	RP	HEALTH	1	MAIN SERVICE	LEAKING. CONTROL VALVE, PRR- BFP-82, BACKFLOW PREVENTER REDUCED PRESSURE.CU PIPE. NO TAG. CAN'T READ SN	\$1,460.00
Total Cost of Priority Group 5 for PUULOLO RIFLE RANGE												\$1,460.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel			in		Level				
PWC COMPOUND												
BUILDING A4												
SA-FWK 0151BP	A4	PWC COMPOUND SE SIDE OF A-4 NXT TO FIRE ALM RISER AVB FOR SRPNKLR	YES	WATTS	A07487	2"	RP	HEALTH	1	IRRIGATION SYSTEM	DRIPPING FROM VALVE. CONTROL VALVE, PWC-BFP- 0151BP, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00
BUILDING S45												
SA-FWK 11829	S45	PWC COMPOUND, ROOFER / LABOR SHOP	YES	RAIN BIRD	NA	1"	AVB	HEALTH	1	IRRIGATION SYSTEM	LEAKING AND COVERED WITH ALGEE. CONTROL VALVE, PWC- BFP-11829, BACKFLOW PREVENTER OTHER	\$300.00
BUILDING X27												
SA-FWK 221	X27	PWC COMPOUND, PW-23, SEWER LIFT STA., ACROSS FROM TOOL ROOM, NEAR GREEN GENERATOR	YES	WATTS	006930	3/4"	RP	HEALTH	1	MAIN SERVICE	DRIPPING FROM VALVE. CONTROL VALVE, PWC-BFP-221, BACKFLOW PREVENTER REDUCED PRESSURE	\$880.00
Total Cost of Priority Group 5 for PWC COMPOUND												\$2,570.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
RADFORD TERRACE												
BUILDING 7753												
SA-FWC 12460	7753	RADFORD TERRACE - OFF MURRAY DR, ALONG ROUNDAABOUT AT COMMUNITY CENTER	YES	WILKINS	2723310	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTROL VALVE, RT-BFP-12460, BACKFLOW PREVENTER REDUCED PRESSURE, 2", HOUSING; MINOR LEAK FROM TEST PORT.	\$1,390.00
Total Cost of Priority Group 5 for RADFORD TERRACE												\$1,390.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
RED HILL												
BUILDING 287												
RH-BFP-11940	287	RED HILL, S308, SE SIDE	YES	WATTS	285152	1-1/2"	RP	HEALTH	1	CHEMICAL FEED SYSTEM	LEAKING. CONTROL VALVE, RH- BFP-11940, BACKFLOW PREVENTER REDUCED PRESSURE.NE CORNER BY THE LADDER. CANT READ TAG	\$1,390.00
Total Cost of Priority Group 5 for RED HILL												\$1,390.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
RICHARDSON CENTER												
BUILDING 1406A												
SA-BFW 601	1406A	BLDG 1405, RICHARDSON CENTER, (DWG 1048564, EXT OF BLDG) (LOCK COMBINATION NO. 0171)	YES	WATTS	361506	1"	RP	HEALTH	1	MAIN SERVICE	LEAKING FROM VENT. CONTROL VALVE, RF-BFP-601, BACKFLOW PREVENTER REDUCED PRESSURE. NAME PLATES UNREADABLE, REPLACE THE WHOLE BFP.	\$880.00
BUILDING 501												
SA-BFW 0003	501	RICHARDSON CENTER, NEW ARIZONA MEMORIAL, IN FRONT OF BLDG F	YES	WILKINS	3193428	2"	RP	HEALTH	1	IRRIGATION SYSTEM	STEADY SMALL DRIP. CONTROL VALVE, RF-BFP-0003, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00
BUILDING 604												
SA-BFW 363	604	RICHARDSON CENTER, RAINBOW MARINA, BLDG 604	YES	WATTS	14138	3"	RP	HEALTH	1	MAIN SERVICE	SMALL DRIP FROM RELEF VALVE SERVICE DOCK C. CONTROL VALVE, RF-BFP-363, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
Total Cost of Priority Group 5 for RICHARDSON CENTER												\$3,730.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
SHIPYARD												
BUILDING 167												
SA-FWO 12175	167	SHIPYARD, SOUTH OF PAUL HAMILTON AVE., NORTHWEST EXTERIOR CORNER OF BLDG 167 (WATCHTOWER SIDE OF BLDG)	YES	WILKINS	2125623	1-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	VALVE OPERATING HANDLES ARE MISSING. CONTROL VALVE, SY-BFP-12175, BACKFLOW PREVENTER REDUCED PRESSURE	\$460.00
BUILDING 1673												
SA-FWV 26001	1673	SHYD, NEAR S/Y TRANSPORTATION, NORTHEAST CORNER OF BLDG 1673, J 16, SHIPYARD OUT LAYING (EXTERIOR, ADMIN/OFC)	YES	WATTS	90148	2"	RP	HEALTH	1	MAIN SERVICE	LEAKING. CONTROL VALVE, SY-BFP-26001, BACKFLOW PREVENTER REDUCED PRESSURE. BFP NEEDS PAINTING.	\$1,390.00
BUILDING 170												
SA-FW 83	170	SHYD, CIA, STA. 83, E 16, (DRY DOCK #3)	YES	FEBCO	9706200727	4"	RP	HEALTH	1	MAIN SERVICE	DEVICE DRIPPING FROM RELIEF VALVE. CONTROL VALVE, SY-BFP-83, BACKFLOW PREVENTER REDUCED PRESSURE	\$2,910.00
BUILDING 207												
SA-FWV 207	207	SHYD, B-207, SHYD PASS & ID BLDG, NORTHWEST OF BLDG 207	YES	FEBCO	H06445	2"	RP	HEALTH	1	IRRIGATION SYSTEM	LEAKING. CONTROL VALVE, SY-BFP-207, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00
BUILDING 208												
SA-FW 951	208	SHYD, CIA, STA. 951, INDUSTRIAL DOCK OUTLET (DRY DOCK #2)	YES	WATTS	RF-2862	2-1/2"	RP	HEALTH	1	FIRE SYSTEM	DOWNSTREAM SHUTOFF VALVE DRIPPING W/PLANT GROWTH. CONTROL VALVE, SY-BFP-95A, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FW 2081	208	SHYD, CIA, B-208, BETWEEN DD#1 & 2,	YES	WATTS	0020461114	2-1/2"	RP	HEALTH	1	MAIN SERVICE	SMALL BUT CONSTANT DRIPPING FROM RELIEF VALVE. CONTROL VALVE, SY-BFP-2081, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING 398B												
SA-FW 71	398B	SHYD, CIA, DD4 PORT, STA. 71 (DRY DOCK #4)	YES	WATTS	RL-0958	2-1/2"	RP	HEALTH	1	MAIN SERVICE	DEVICE ACTIVELY DRIPPING FROM RELIEF VALVE. CONTROL VALVE, SY-BFP-71, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING 399B												
SA-FW 60	399B	SHYD, DD4 STBD, STA. 60 (DRY DOCK #4)	YES	WATTS	RK-1000	2-1/2"	RP	HEALTH	1	MAIN SERVICE	DEVICE ACTIVELY DRIPPING. CONTROL VALVE, SY-BFP-60, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING 67A												
SA-FW 11204	67A	SHYD, CIA, BLDG 67A, C 20, (FRONT, X31)	YES	FEBCO	9705281408	6"	RP	HEALTH	1	MAIN SERVICE	DEVICE ACTIVELY DRIPPING. CONTROL VALVE, SY-BFP-11204, BACKFLOW PREVENTER REDUCED PRESSURE	\$2,910.00
BUILDING S1172												
SA-FW 1102	S1172	SHYD, CIA, STA. 110B, F 17, (DRY DOCK #1)	YES	WATTS	SA-3244	2-1/2"	RP	HEALTH	1	MAIN SERVICE	DRIPPING & PLANT GROWTH ON RELIEF VALVE. CONTROL VALVE, SY-BFP-1102, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING S246												
SA-FW 6062	S246	SHYD, CIA, DD4 STBD, STA. 62 (DRY DOCK #4)	YES	WATTS	RK-0958	2-1/2"	RP	HEALTH	1	MAIN SERVICE	PLANT GROWTH ON RELIEF VALVE. CONTROL VALVE, SY-BFP- 6062, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00

BUILDING S786

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
SA-FW 100	S786	STA. 100, D 18, CIA SHIPYARD (GD 2)	YES	WATTS	RK-2350	2-1/2"	RP	HEALTH	1	MAIN SERVICE	DRIPPING & PLANT GROWTH ON RELIEF VALVE. CONTROL VALVE, SY-BFP-100, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING S99												
SA-FWV 1241	S99	BLDG 1575, F 26, SHIPYARD OUT LAYING (NEAR THE SOUTHERN WALL)	YES	WATTS	607260	1"	RP	HEALTH	1	MAIN SERVICE	VENT IS LEAKING. CONTROL VALVE, NS-BFP-1241, BACKFLOW PREVENTER REDUCED PRESSURE	\$880.00
Total Cost of Priority Group 5 for SHIPYARD												\$20,160.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
SUBASE												
BUILDING 1584												
	1584	NORTH OF BLDG 1716, SEWER LIFT STATION SB-13	YES	WATTS	591261	1"	RP	HEALTH	1	MAIN SERVICE	LEAKING. TAG SERIAL NUMBER IS INCORRECT. REPLACED ASSET NUMBER SA-FWP 1082	\$880.00
BUILDING 1724												
SA-FWP 0711BP	1724	SUBASE, BLDG 1723 MOUNTAIN SIDE ON ABELE ST.	YES	FEBCO	H03990	2"	RP	HEALTH	1	IRRIGATION SYSTEM	SMALL STEADY DRIP. CONTROL VALVE, SB-BFP-0711BP, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00
BUILDING 1768												
SA-FWP 300	1768	STA. 300, E 5, SUBASE (SIERRA 21)	YES	WATTS	88596	2"	RP	HEALTH	1	MAIN SERVICE	DEVICE LEAKING FROM US END. CONTROL VALVE, FP-BFP-300, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00
BUILDING 1770												
SA-FWQ 307	1770	FISC - LAFFEY ST. YANKEE 3B PIER	YES	WATTS	QH-2334	2-1/2"	RP	HEALTH	1	MAIN SERVICE	DEVICE LEAKING. CONTROL VALVE, FP-BFP-307, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING 427												
SA-FWQ 427	427	FISC, BLDG 427,	YES	FEBCO	H08897	2"	RP	HEALTH	1	IRRIGATION SYSTEM	CONTINUOUS DRIP. CONTROL VALVE, FP-BFP-427, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00
BUILDING 718												
SA-FWP 1372	718	BLDG 1729, C 6, SUBASE (EXT, LAWN SPRINKLER SYSTEM) (LOCKWOOD HALL)	YES	FEBCO	R4988	1-1/2"	RP	HEALTH	1	IRRIGATION SYSTEM	DRIPING FROM UPSTREAM SHUTOFF VALVE. CONTROL VALVE, SB-BFP-1372, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M odel	Serial No.	Size	Type in	Hazard Level	Qt.	Installed On	Comments	Cost
BUILDING 796												
SA-FWP 283	796	STA. 283, D 4, SUBASE (SIERRA 17)	YES	WATTS	SA-3220	2-1/2"	RP	HEALTH	1	MAIN SERVICE	RELIEF VALE DRIPING. CONTROL VALVE, SB-BFP-283, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
Total Cost of Priority Group 5 for SUBASE												\$9,360.00

Priority Group 5 Devices

JOINT BASE PEARL HARBOR-HICKAM

Asset #	Bldg	Location	Inst	Make/M	Serial No.	Size	Type	Hazard	Qt.	Installed On	Comments	Cost
			odel			in		Level				
WEST LOCH												
BUILDING 218												
SA-IFW 905	218	STA. 5, WHISKEY 4, WEST LOCH	YES	WATTS	SC-1194	2-1/2"	RP	HEALTH	1	MAIN SERVICE	DRIPPING. CONTROL VALVE, WL-BFP-905, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING 367												
SA-IFW 903	367	STA. 3, WHISKEY 5, WEST LOCH	YES	WATTS	SC-0236	2-1/2"	RP	HEALTH	1	MAIN SERVICE	DRIPPING. CONTROL VALVE, WL-BFP-903, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,460.00
BUILDING 599												
SA-IFW 741	599	WEST LOCH, WEST LOCH (SOFTBALL FIELD) NEAR BLDG 612 (OLD PASS & ID OFFICE)	YES	FEBCO	A24322	2"	RP	HEALTH	1	IRRIGATION SYSTEM	WATER RUNNING FROM DOWNSTREM VALVE. CONTROL VALVE, WL-BFP-741, BACKFLOW PREVENTER REDUCED PRESSURE	\$1,390.00
Total Cost of Priority Group 5 for WEST LOCH												\$4,310.00
Total Number of Records Found: 145												
Total Number of Devices Found: 151												
Total Cost of Priority Group 5 Devices: \$177,350.00												

APPENDIX J

Cost Estimate Breakdown

(15 Pages)

Construction Markups		
Item	Cost	Notes
Material	40%	Reference 1 (20% for overhead and profit; 20% for shipping)
Labor	50%	Reference 1 (20% for overhead and profit; 30% for insurance and taxes)
Contingency	20%	Reference 1 (unknown and unforeseen issues)

Labor				
Role	Units	Wage	Markup	Notes
Plumber	\$ /hr	\$ 79.18	\$ 118.77	Reference 2 (rate starting 3 July 2022)
Plumber Assistant		\$ 33.59	\$ 50.39	Reference 3 (1st hour rate starting 3 July 2022)
		\$ 33.64	\$ 50.46	Reference 3 (2nd hour rate starting 3 July 2022)
		\$ 39.89	\$ 59.84	Reference 3 (3rd hour rate starting 3 July 2022)
		\$ 39.89	\$ 59.84	Reference 3 (4th hour rate starting 3 July 2022)
		\$ 44.23	\$ 66.35	Reference 3 (5th hour rate starting 3 July 2022)
		\$ 46.62	\$ 69.93	Reference 3 (6th hour rate starting 3 July 2022)
		\$ 50.06	\$ 75.09	Reference 3 (7th hour rate starting 3 July 2022)
		\$ 52.46	\$ 78.69	Reference 3 (8th hour rate starting 3 July 2022)
BFP Device Installed	Units	Hours	Total	Notes
Component or HBVB	\$ /hr	1	\$ 118.77	1 plumber
AG or PVB		2	\$ 237.54	Reference 4 (1 plumber)
RP or DCVA ≤ 2½"		4	\$ 475.08	Reference 4 (1 plumber)
RP or DCVA 2¾" – 3½"		4	\$ 695.60	Reference 4 (1 plumber and 1 plumber assistant)
RP or DCVA ≥ 4"		8	\$ 2,410.89	Reference 4 (2 plumbers and 1 plumber assistant)

Equipment						
Item	Units	Rate	Total (2 hr)	Total (4 hr)	Total (8 hr)	Notes
Backhoe (operation)	\$/hr	\$ 17.00	\$ 126.44	\$ 252.88	\$ 505.75	Reference 5 (line no. 015433205150, rent trencher chain, diesel, 5' deep, 8" wide)
Backhoe (rental)	\$/day	\$ 369.75				
Fill Concrete	\$/CY	\$ 380.16	N/A			Reference 5 (line no. 033113300100, concrete, volumetric site-mixed, 1 CY)

References

¹ Engineering Concepts, Inc. *Navy Medicine Readiness and Training Command Pearl Harbor Cross-Connection Control Survey* . November 2020. Table 2.7-1.

² State of Hawaii Department of Labor and Industrial Relations. *Wage Rate Schedule* . Bulletin No. 501. 21 February 2022. <https://labor.hawaii.gov/wsd/files/2022/02/WRS501.pdf>. Accessed 30 August 2022.

³ State of Hawaii Department of Labor and Industrial Relations. *Apprentice Schedule* . Bulletin No. 501. 21 February 2022. <https://labor.hawaii.gov/wsd/files/2022/02/APPR501.pdf>. Accessed 30 August 2022.

⁴ The Air Force Institute for Operational Health. *Cross-Connection and Backflow Prevention Device Survey* . Hickam AFB, Hawaii. January 2008. Appendix B.

⁵ RSMeans data from Gordian. <https://www.rsmeans.com/>. Honolulu, HI. Year 2022. Accessed 31 August 2022.

BFP Devices ¹												
Size	Watts LF009 RP		Watts 957 RP		Zurn Wilkins 720A PVB		Zurn Wilkins 350XL DCVA		Zurn Wilkins 350A DCVA		HBVB ²	
	\$/ea.	Markup	\$/ea.	Markup	\$/ea.	Markup	\$/ea.	Markup	\$/ea.	Markup	\$/ea.	Markup
¾"	\$ 405.95	\$ 568.33	N/A	N/A	\$ 103.95	\$ 145.53	\$ 248.95	\$ 348.53	N/A	N/A	\$ 16.95	\$ 23.73
1"	\$ 449.95	\$ 629.93	N/A	N/A	\$ 118.95	\$ 166.53	\$ 272.95	\$ 382.13	N/A	N/A	N/A	N/A
1¼"	\$ 818.95	\$ 1,146.53	N/A	N/A	\$ 463.95	\$ 649.53	\$ 678.95	\$ 950.53	N/A	N/A	N/A	N/A
1½"	\$ 888.95	\$ 1,244.53	N/A	N/A	\$ 475.95	\$ 666.33	\$ 715.95	\$ 1,002.33	N/A	N/A	N/A	N/A
2"	\$ 943.95	\$ 1,321.53	N/A	N/A	\$ 566.95	\$ 793.73	\$ 807.95	\$ 1,131.13	N/A	N/A	N/A	N/A
2½"	N/A	N/A	\$ 2,275.95	\$ 3,186.33	N/A	N/A	N/A	N/A	\$ 2,030.95	\$ 2,843.33	N/A	N/A
3"	N/A	N/A	\$ 2,312.95	\$ 3,238.13	N/A	N/A	N/A	N/A	\$ 2,014.95	\$ 2,820.93	N/A	N/A
4"	N/A	N/A	\$ 2,625.95	\$ 3,676.33	N/A	N/A	N/A	N/A	\$ 2,578.95	\$ 3,610.53	N/A	N/A
6"	N/A	N/A	\$ 4,926.95	\$ 6,897.73	N/A	N/A	N/A	N/A	\$ 3,793.95	\$ 5,311.53	N/A	N/A
8"	N/A	N/A	\$ 8,672.95	\$12,142.13	N/A	N/A	N/A	N/A	\$ 7,671.95	\$10,740.73	N/A	N/A
10"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$11,525.95	\$16,136.33	N/A	N/A

Notes:

¹ Reference: USABlueBook. <https://www.usabluebook.com/>. Accessed 31 August and 12 September 2022.

² Rate for ¾" based on lead-free Model # 38LF-314-AS by Apollo.

Copper Pipe ¹								
Size	Pipe ²		90° Elbows ³		Ball Valves ⁴		Y Strainers ⁵	
	\$/LF	Markup	\$/ea.	Markup	\$/ea.	Markup	\$/ea.	Markup
¾"	\$ 9.78	\$ 13.70	\$ 2.53	\$ 3.54	\$ 25.10	\$ 35.14	\$ 43.95	\$ 61.53
1"	\$ 11.64	\$ 16.30	\$ 5.66	\$ 7.92	\$ 38.23	\$ 53.52	\$ 63.12	\$ 88.37
1¼"	\$ 14.51	\$ 20.31	\$ 9.37	\$ 13.12	\$ 64.72	\$ 90.61	\$ 104.85	\$ 146.79
1½"	\$ 21.60	\$ 30.25	\$ 14.70	\$ 20.58	\$ 77.62	\$ 108.67	\$ 119.11	\$ 166.75
2"	\$ 28.66	\$ 40.12	\$ 23.46	\$ 32.84	\$ 124.04	\$ 173.66	\$ 191.76	\$ 268.46
2½"	\$ 36.22	\$ 50.71	\$ 50.90	\$ 71.26	\$ 204.07	\$ 285.70	\$ 376.20	\$ 526.68
3"	\$ 51.45	\$ 72.04	\$ 67.28	\$ 94.19	\$ 247.93	\$ 347.10	\$ 654.87	\$ 916.82
4"	\$ 91.28	\$ 127.80	\$ 158.74	\$ 222.24	\$ 551.66	\$ 772.32	\$ 1,151.09	\$ 1,611.53

Notes:

¹ Reference (except 4" Y strainer): W.W. Grainger, Inc. <https://www.grainger.com/>. Honolulu Branch #561, 2833 Paa St, Honolulu, HI 96819-4406. Accessed 30 August 2022.

² Rates based on cost of Type K straight pipes purchased in 10' increments from Mueller Industries.

³ Rates based on cost of standard soldered fittings with cup end connections from NIBCO.

⁴ Rates based on cost of lead-free brass inline ball valves with female NPT end connections from Apollo Valves.

⁵ Rates based on cost of bronze Y strainers with NPT connections and 20-mesh screens from Zurn Wilkins (except for 4", which is calculated via polynomial interpolation).

Cast/Ductile Iron Pipe												
Size	Pipe ^{1 2 3 4}		Flange ^{2 5}		MJ Bell ^{2 6}		90° Elbows ^{1 7 8}		Y Strainers ^{1 9}		Support Stands ^{10 11}	
	\$/LF	Markup	\$/ea.	Markup	\$/ea.	Markup	\$/ea.	Markup	\$/ea.	Markup	\$/ea.	Markup
2"	\$ 23.03	\$ 32.24	N/A	N/A	N/A	N/A	\$ 49.45	\$ 69.23	N/A	N/A	N/A	N/A
3"	\$ 316.10	\$ 442.54	\$ 165.00	\$ 231.00	\$ 1,214.00	\$ 1,699.60	\$ 668.00	\$ 935.20	\$ 177.87	\$ 249.02	\$ 165.95	\$ 232.33
4"	\$ 176.30	\$ 246.82	\$ 206.00	\$ 288.40	\$ 1,212.00	\$ 1,696.80	\$ 668.00	\$ 935.20	\$ 301.20	\$ 421.68	\$ 179.95	\$ 251.93
6"	\$ 215.00	\$ 301.00	\$ 274.00	\$ 383.60	\$ 1,614.00	\$ 2,259.60	\$ 1,023.00	\$ 1,432.20	\$ 631.36	\$ 883.90	\$ 179.95	\$ 251.93
8"	\$ 306.20	\$ 428.68	\$ 430.00	\$ 602.00	\$ 1,823.00	\$ 2,552.20	\$ 1,549.00	\$ 2,168.60	\$ 1,143.55	\$ 1,600.97	\$ 178.95	\$ 250.53
10"	\$ 398.20	\$ 557.48	\$ 615.00	\$ 861.00	\$ 2,242.00	\$ 3,138.80	\$ 2,270.00	\$ 3,178.00	\$ 1,955.32	\$ 2,737.45	\$ 188.95	\$ 264.53

Notes:

¹ Reference (2" for pipe and 90° elbow; all sizes for Y strainers): W.W. Grainger, Inc. <https://www.grainger.com/>. Honolulu Branch #561, 2833 Paa St, Honolulu, HI 96819-4406. Accessed 30 August and 12 September 2022.

² Reference (3" – 10"): U.S. Pipe. *Fabrication Price List*. 1 August 2022. <https://www.uspipe.com/wp-content/uploads/2022/07/USPF-FAB-CEMENT-2022-02-080122-For-Website.pdf>. Accessed 31 August 2022.

³ Rate for 2" based on cost of Schedule 80 medium pressure pipes with welded ends purchased in 6' increments.

⁴ Rates for 3" – 10" based on cost of cement-lined straight ductile iron pipes with flange ends purchased in 10' increments.

⁵ Rates based on cost of domestic 125 class flange add-on.

⁶ Rates based on cost of domestic mechanical joint bell add-on.

⁷ Reference (3" – 10"): U.S. Pipe. *Flange Fittings P401 Price List*. 1 June 2021. <https://www.uspipe.com/wp-content/uploads/2020/12/Flange-Fittings-Price-List-June-2021.pdf>. Accessed 31 August 2022.

⁸ Rate for 2" based on cost of ductile iron elbow (300 psi at 150°F) with grooved end connections.

⁹ Rates based on cost of cast iron Y strainers with flanged connections from Keckley.

¹⁰ Reference: USABlueBook. <https://www.usabluebook.com/>. Accessed 31 August 2022.

¹¹ Rates based on adjustable flange style support stands from Trumbull.

PVC Pipe ¹								
Size	Pipe ²		90° Elbows ³		Ball Valves ^{4 5}		Y Strainers ⁶	
	\$/LF	Markup	\$/ea.	Markup	\$/ea.	Markup	\$/ea.	Markup
¾"	\$ 1.44	\$ 2.02	\$ 2.65	\$ 3.71	\$ 3.35	\$ 4.69	\$ 112.23	\$ 157.12
1"	\$ 1.76	\$ 2.46	\$ 4.20	\$ 5.88	\$ 5.49	\$ 7.69	\$ 120.65	\$ 168.91
1¼"	\$ 2.42	\$ 3.39	\$ 5.74	\$ 8.04	\$ 7.10	\$ 9.94	\$ 216.83	\$ 303.56
1½"	\$ 2.61	\$ 3.65	\$ 6.04	\$ 8.46	\$ 10.73	\$ 15.02	\$ 217.14	\$ 304.00
2"	\$ 3.96	\$ 5.54	\$ 7.21	\$ 10.09	\$ 14.97	\$ 20.96	\$ 251.68	\$ 352.35
2½"	\$ 8.23	\$ 11.52	\$ 17.15	\$ 24.01	\$ 310.32	\$ 434.45	\$ 455.12	\$ 637.17
3"	\$ 9.18	\$ 12.85	\$ 18.17	\$ 25.44	\$ 312.66	\$ 437.72	\$ 536.87	\$ 751.62

Notes:

¹ Reference: W.W. Grainger, Inc. <https://www.grainger.com/>. Honolulu Branch #561, 2833 Paa St, Honolulu, HI 96819-4406. Accessed 31 August and 1 September 2022.

² Rates based on cost of Schedule 80 unthreaded pipes purchased in 10' increments.

³ Rates based on cost of Schedule 80 fittings with socket end connections.

⁴ Rates for ¾" – 2" based on cost of plastic inline ball valves (150 psi CWP, 34° to 140°F) with socket connections from Grainger Approved.

⁵ Rates for 2½" – 3" based on cost of plastic inline true union ball valves (235 psi CWP, 34° to 140°F) with socket connections from Hayward.

⁶ Rates based on cost of PVC Y strainers with NPT connections and 20-mesh screens from Hayward.

Galvanized Iron Pipe ¹								
Size	Pipe ²		90° Elbows ³		Ball Valves ⁴		Y Strainers ⁵	
	\$/LF	Markup	\$/ea.	Markup	\$/ea.	Markup	\$/ea.	Markup
¾"	\$ 6.85	\$ 9.59	\$ 4.16	\$ 5.82	\$ 25.10	\$ 35.14	\$ 43.95	\$ 61.53
1"	\$ 10.41	\$ 14.58	\$ 7.31	\$ 10.23	\$ 38.23	\$ 53.52	\$ 63.12	\$ 88.37
1¼"	\$ 13.78	\$ 19.29	\$ 9.97	\$ 13.96	\$ 64.72	\$ 90.61	\$ 104.85	\$ 146.79
1½"	\$ 14.17	\$ 19.83	\$ 14.46	\$ 20.24	\$ 77.62	\$ 108.67	\$ 119.11	\$ 166.75
2"	\$ 21.39	\$ 29.95	\$ 25.76	\$ 36.06	\$ 124.04	\$ 173.66	\$ 191.76	\$ 268.46
2½"	\$ 35.35	\$ 49.48	\$ 48.44	\$ 67.82	\$ 204.07	\$ 285.70	\$ 376.20	\$ 526.68
3"	\$ 46.81	\$ 65.54	\$ 66.61	\$ 93.25	\$ 247.93	\$ 347.10	\$ 654.87	\$ 916.82
4"	\$ 64.33	\$ 90.06	\$ 115.28	\$ 161.39	\$ 551.66	\$ 772.32	\$ 301.20	\$ 421.68

Notes:

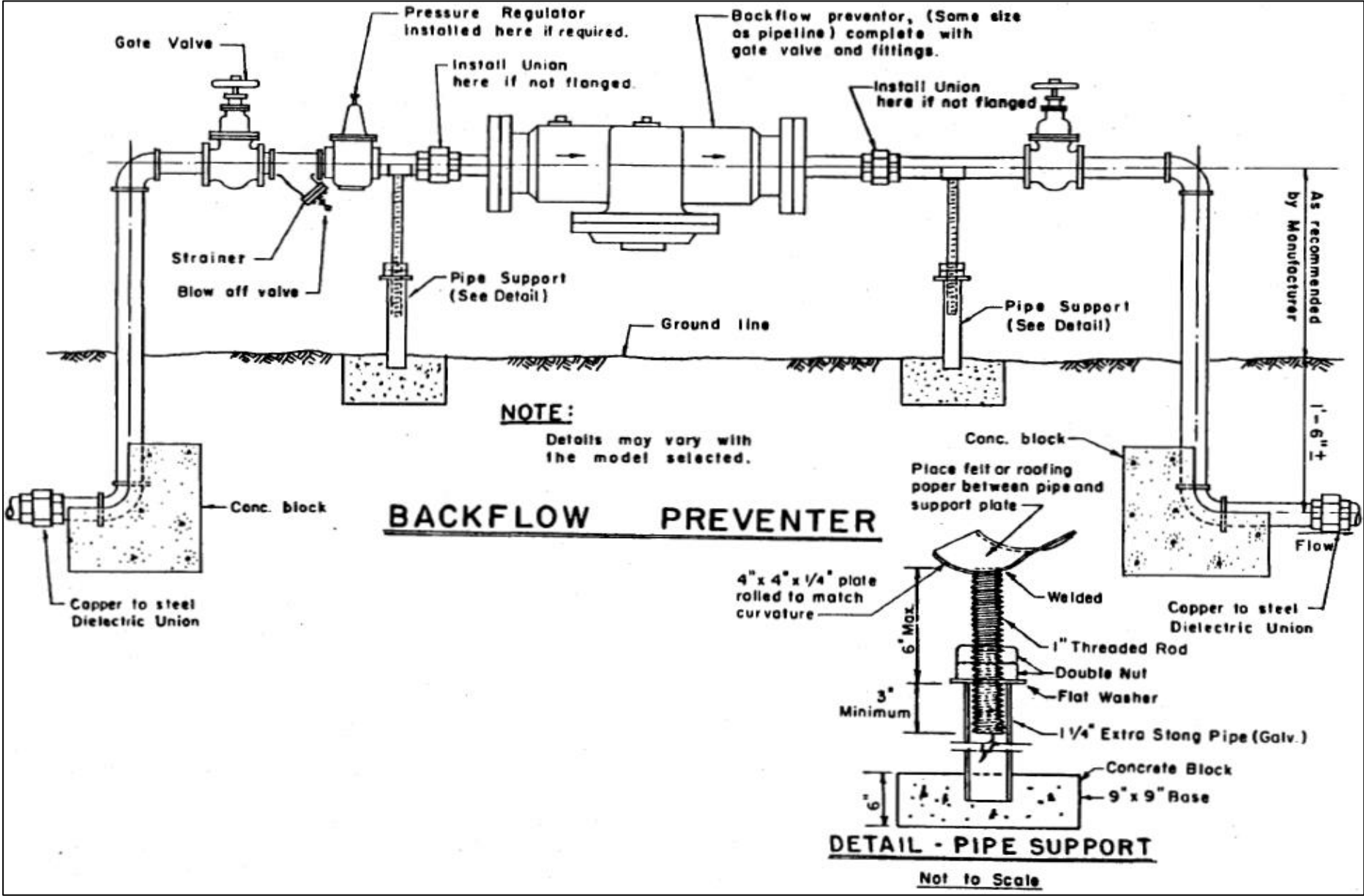
¹ Reference: W.W. Grainger, Inc. <https://www.grainger.com/>. Honolulu Branch #561, 2833 Paa St, Honolulu, HI 96819-4406. Accessed 30 August and 12 September 2022.

² Rates based on cost of Schedule 40 threaded welded (1", 2", 2½", 3", and 4") or seamless (¾", 1¼", and 1½") zinc-galvanized steel pipes with NPT end connections purchased in 10' increments (globally sourced).

³ Rates based on cost of Class 150 medium pressure (300-999 psi) zinc-galvanized steel fittings NPT end connections (Grainger Approved).

⁴ Rates based on cost of lead-free brass inline ball valves with female NPT end connections from Apollo Valves.

⁵ Rates based on cost of bronze Y strainers with NPT connections and 20-mesh screens from Zurn Wilkins (except for 4", which is based on a cast iron Y strainer with flanged connections from Keckley).



Notes:

¹ RP and DCVA designs based on Standard Detail P-1 (above) from *Standard Details for Public Works Construction* (Departments of Public Works. County of Kauai/City and County of Honolulu/County of Maui/County of Hawaii. September 1984. Revised September 2000.).

² RPs and DCVAs with copper and PVC piping include ball valves and don't include support stands (smaller devices).

RP Installation – Copper Pipe									Relocation
Size	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	1½"
RP	LF009	LF009	LF009	LF009	LF009	957	957	957	N/A
	\$ 568.33	\$ 629.93	\$ 1,146.53	\$ 1,244.53	\$ 1,321.53	\$ 3,186.33	\$ 3,238.13	\$ 3,676.33	N/A
Pipe (10 LF)	\$ 136.98	\$ 163.02	\$ 203.08	\$ 302.46	\$ 401.23	\$ 507.09	\$ 720.36	\$ 1,277.96	\$ 302.46
90° Elbows (4)	\$ 14.17	\$ 31.70	\$ 52.47	\$ 82.32	\$ 131.38	\$ 285.04	\$ 376.77	\$ 888.94	\$ 82.32
Ball Valve	\$ 35.14	\$ 53.52	\$ 90.61	\$ 108.67	\$ 173.66	\$ 285.70	\$ 347.10	\$ 772.32	N/A
Y Strainer	\$ 61.53	\$ 88.37	\$ 146.79	\$ 166.75	\$ 268.46	\$ 526.68	\$ 916.82	\$ 1,611.53	N/A
Miscellaneous Material (20%)	\$ 163.23	\$ 193.31	\$ 327.90	\$ 380.95	\$ 459.25	\$ 958.17	\$ 1,119.83	\$ 1,645.42	\$ 76.96
Material Subtotal	\$ 979.37	\$ 1,159.84	\$ 1,967.38	\$ 2,285.67	\$ 2,755.50	\$ 5,749.01	\$ 6,719.01	\$ 9,872.50	\$ 461.73
Labor	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr	8 hr	4 hr
	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 695.60	\$ 2,410.89	\$ 475.08
Backhoe Rental	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 505.75	N/A
Labor/Equipment Subtotal	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 948.47	\$ 2,916.64	\$ 475.08
Contingency (20%)	\$ 341.47	\$ 377.56	\$ 539.07	\$ 602.73	\$ 696.69	\$ 1,295.39	\$ 1,533.50	\$ 2,557.83	\$ 187.36
Total	\$ 2,048.79	\$ 2,265.35	\$ 3,234.40	\$ 3,616.35	\$ 4,180.15	\$ 7,772.36	\$ 9,200.97	\$ 15,346.97	\$ 1,124.17
Rounded Total	\$ 2,050	\$ 2,270	\$ 3,240	\$ 3,620	\$ 4,190	\$ 7,780	\$ 9,210	\$ 15,350	\$ 1,130

RP Installation – Cast/Ductile Iron Pipe				
Size	3"	4"	6"	8"
RP	957	957	957	957
	\$ 3,238.13	\$ 3,676.33	\$ 6,897.73	\$ 12,142.13
Pipe (10 LF)	\$ 4,425.40	\$ 2,468.20	\$ 3,010.00	\$ 4,286.80
Flanges (2)	\$ 462.00	\$ 576.80	\$ 767.20	\$ 1,204.00
MJ Bells (2)	\$ 3,399.20	\$ 3,393.60	\$ 4,519.20	\$ 5,104.40
90° Elbows (4)	\$ 3,740.80	\$ 3,740.80	\$ 5,728.80	\$ 8,674.40
Y Strainer	\$ 249.02	\$ 421.68	\$ 883.90	\$ 1,600.97
Support Stands (2)	\$ 464.66	\$ 503.86	\$ 503.86	\$ 501.06
Concrete	¼ CY	¼ CY	⅓ CY	½ CY
	\$ 95.04	\$ 95.04	\$ 126.72	\$ 190.08
Miscellaneous Material (20%)	\$ 3,214.85	\$ 2,975.26	\$ 4,487.48	\$ 6,740.77
Material Subtotal	\$ 19,289.10	\$ 17,851.57	\$ 26,924.90	\$ 40,444.61
Labor	4 hr	8 hr	8 hr	8 hr
	\$ 695.60	\$ 2,410.89	\$ 2,410.89	\$ 2,410.89
Backhoe Rental	\$ 252.88	\$ 505.75	\$ 505.75	\$ 505.75
Labor/Equipment Subtotal	\$ 948.47	\$ 2,916.64	\$ 2,916.64	\$ 2,916.64
Contingency (20%)	\$ 4,047.51	\$ 4,153.64	\$ 5,968.31	\$ 8,672.25
Total	\$ 24,285.08	\$ 24,921.85	\$ 35,809.84	\$ 52,033.50
Rounded Total	\$ 24,290	\$ 24,930	\$ 35,810	\$ 52,040

RP Installation – PVC Pipe							
Size	¾"	1"	1¼"	1½"	2"	2½"	3"
RP	LF009	LF009	LF009	LF009	LF009	957	957
	\$ 568.33	\$ 629.93	\$ 1,146.53	\$ 1,244.53	\$ 1,321.53	\$ 3,186.33	\$ 3,238.13
Pipe (10 LF)	\$ 20.20	\$ 24.58	\$ 33.88	\$ 36.47	\$ 55.41	\$ 115.25	\$ 128.55
90° Elbows (4)	\$ 14.84	\$ 23.52	\$ 32.14	\$ 33.82	\$ 40.38	\$ 96.04	\$ 101.75
Ball Valve	\$ 4.69	\$ 7.69	\$ 9.94	\$ 15.02	\$ 20.96	\$ 434.45	\$ 437.72
Y Strainer	\$ 157.12	\$ 168.91	\$ 303.56	\$ 304.00	\$ 352.35	\$ 637.17	\$ 751.62
Miscellaneous Material (20%)	\$ 153.04	\$ 170.93	\$ 305.21	\$ 326.77	\$ 358.13	\$ 893.85	\$ 931.55
Material Subtotal	\$ 918.22	\$ 1,025.56	\$ 1,831.27	\$ 1,960.61	\$ 2,148.75	\$ 5,363.08	\$ 5,589.33
Labor	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr
	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 695.60
Backhoe Rental	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88
Labor/Equipment Subtotal	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 948.47
Contingency (20%)	\$ 329.24	\$ 350.70	\$ 511.84	\$ 537.71	\$ 575.34	\$ 1,218.21	\$ 1,307.56
Total	\$ 1,975.41	\$ 2,104.21	\$ 3,071.07	\$ 3,226.28	\$ 3,452.05	\$ 7,309.24	\$ 7,845.36
Rounded Total	\$ 1,980	\$ 2,110	\$ 3,080	\$ 3,230	\$ 3,460	\$ 7,310	\$ 7,850

RP Installation – Galvanized Pipe								
Size	¾"	1"	1¼"	1½"	2"	2½"	3"	4"
RP	LF009	LF009	LF009	LF009	LF009	957	957	957
	\$ 568.33	\$ 629.93	\$ 1,146.53	\$ 1,244.53	\$ 1,321.53	\$ 3,186.33	\$ 3,238.13	\$ 3,676.33
Pipe (10 LF)	\$ 95.90	\$ 145.80	\$ 192.95	\$ 198.32	\$ 299.52	\$ 494.84	\$ 655.37	\$ 900.65
90° Elbows (4)	\$ 23.30	\$ 40.94	\$ 55.83	\$ 80.98	\$ 144.26	\$ 271.26	\$ 373.02	\$ 645.57
Ball Valve	\$ 35.14	\$ 53.52	\$ 90.61	\$ 108.67	\$ 173.66	\$ 285.70	\$ 347.10	\$ 772.32
Y Strainer	\$ 61.53	\$ 88.37	\$ 146.79	\$ 166.75	\$ 268.46	\$ 526.68	\$ 916.82	\$ 421.68
Miscellaneous Material (20%)	\$ 156.84	\$ 191.71	\$ 326.54	\$ 359.85	\$ 441.48	\$ 952.96	\$ 1,106.09	\$ 1,283.31
Material Subtotal	\$ 941.04	\$ 1,150.26	\$ 1,959.25	\$ 2,159.10	\$ 2,648.91	\$ 5,717.78	\$ 6,636.52	\$ 7,699.86
Labor	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr	8 hr
	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 695.60	\$ 695.60
Backhoe Rental	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 505.75
Labor/Equipment Subtotal	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 948.47	\$ 1,201.35
Contingency (20%)	\$ 333.80	\$ 375.64	\$ 537.44	\$ 577.41	\$ 675.37	\$ 1,289.15	\$ 1,517.00	\$ 1,780.24
Total	\$ 2,002.79	\$ 2,253.86	\$ 3,224.65	\$ 3,464.47	\$ 4,052.23	\$ 7,734.88	\$ 9,101.99	\$ 10,681.45
Rounded Total	\$ 2,010	\$ 2,260	\$ 3,230	\$ 3,470	\$ 4,060	\$ 7,740	\$ 9,110	\$ 10,690

PVB Installation – Copper Pipe				
Size	¾"	1"	1½"	2"
PVB	720A	720A	720A	720A
	\$ 145.53	\$ 166.53	\$ 666.33	\$ 793.73
Pipe (10 LF)	\$ 136.98	\$ 163.02	\$ 302.46	\$ 401.23
90° Elbow	\$ 3.54	\$ 7.92	\$ 20.58	\$ 32.84
Ball Valve	\$ 35.14	\$ 53.52	\$ 108.67	\$ 173.66
Miscellaneous Material (20%)	\$ 64.24	\$ 78.20	\$ 219.61	\$ 280.29
Material Subtotal	\$ 385.43	\$ 469.19	\$ 1,317.64	\$ 1,681.75
Labor	2 hr	2 hr	2 hr	2 hr
	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54
Backhoe Rental	\$ 126.44	\$ 126.44	\$ 126.44	\$ 126.44
Labor/Equipment Subtotal	\$ 363.98	\$ 363.98	\$ 363.98	\$ 363.98
Contingency (20%)	\$ 149.88	\$ 166.63	\$ 336.32	\$ 409.14
Total	\$ 899.28	\$ 999.80	\$ 2,017.94	\$ 2,454.87
Rounded Total	\$ 900	\$ 1,000	\$ 2,020	\$ 2,460

PVB Installation – PVC Pipe					
Size	¾"	1"	1¼"	1½"	2"
PVB	720A	720A	720A	720A	720A
	\$ 145.53	\$ 166.53	\$ 649.53	\$ 666.33	\$ 793.73
Pipe (10 LF)	\$ 20.20	\$ 24.58	\$ 33.88	\$ 36.47	\$ 55.41
90° Elbows	\$ 3.71	\$ 5.88	\$ 8.04	\$ 8.46	\$ 10.09
Ball Valve	\$ 4.69	\$ 7.69	\$ 9.94	\$ 15.02	\$ 20.96
Miscellaneous Material (20%)	\$ 34.83	\$ 40.94	\$ 140.28	\$ 145.26	\$ 176.04
Material Subtotal	\$ 208.96	\$ 245.62	\$ 841.66	\$ 871.53	\$ 1,056.23
Labor	2 hr	2 hr	2 hr	2 hr	2 hr
	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54
Backhoe Rental	\$ 126.44	\$ 126.44	\$ 126.44	\$ 126.44	\$ 126.44
Labor/Equipment Subtotal	\$ 363.98	\$ 363.98	\$ 363.98	\$ 363.98	\$ 363.98
Contingency (20%)	\$ 114.59	\$ 121.92	\$ 241.13	\$ 247.10	\$ 284.04
Total	\$ 687.52	\$ 731.51	\$ 1,446.77	\$ 1,482.61	\$ 1,704.25
Rounded Total	\$ 690	\$ 740	\$ 1,450	\$ 1,490	\$ 1,710

PVB Installation – Galvanized Pipe		
Size	¾"	2"
PVB	720A	720A
	\$ 145.53	\$ 793.73
Pipe (10 LF)	\$ 95.90	\$ 299.52
90° Elbow	\$ 5.82	\$ 36.06
Ball Valve	\$ 35.14	\$ 173.66
Miscellaneous Material (20%)	\$ 56.48	\$ 260.59
Material Subtotal	\$ 338.87	\$ 1,563.56
Labor	2 hr	2 hr
	\$ 237.54	\$ 237.54
Backhoe Rental	\$ 126.44	\$ 126.44
Labor/Equipment Subtotal	\$ 363.98	\$ 363.98
Contingency (20%)	\$ 140.57	\$ 385.51
Total	\$ 843.42	\$ 2,313.04
Rounded Total	\$ 850	\$ 2,320

DCVA Installation – Copper Pipe								
Size	¾"	1"	1¼"	1½"	2"	2½"	3"	4"
DCVA	350XL	350XL	350XL	350XL	350XL	350A	350A	350A
	\$ 348.53	\$ 382.13	\$ 950.53	\$ 1,002.33	\$ 1,131.13	\$ 2,843.33	\$ 2,820.93	\$ 3,610.53
Pipe (10 LF)	\$ 136.98	\$ 163.02	\$ 203.08	\$ 302.46	\$ 401.23	\$ 507.09	\$ 720.36	\$ 1,277.96
90° Elbows (4)	\$ 14.17	\$ 31.70	\$ 52.47	\$ 82.32	\$ 131.38	\$ 285.04	\$ 376.77	\$ 888.94
Ball Valve	\$ 35.14	\$ 53.52	\$ 90.61	\$ 108.67	\$ 173.66	\$ 285.70	\$ 347.10	\$ 772.32
Y Strainer	\$ 61.53	\$ 88.37	\$ 146.79	\$ 166.75	\$ 268.46	\$ 526.68	\$ 916.82	\$ 1,611.53
Miscellaneous Material (20%)	\$ 119.27	\$ 143.75	\$ 288.70	\$ 332.51	\$ 421.17	\$ 889.57	\$ 1,036.39	\$ 1,632.26
Material Subtotal	\$ 715.61	\$ 862.48	\$ 1,732.18	\$ 1,995.03	\$ 2,527.02	\$ 5,337.41	\$ 6,218.37	\$ 9,793.54
Labor	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr	8 hr
	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 695.60	\$ 2,410.89
Backhoe Rental	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 505.75
Labor/Equipment Subtotal	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 948.47	\$ 2,916.64
Contingency (20%)	\$ 288.71	\$ 318.09	\$ 492.03	\$ 544.60	\$ 651.00	\$ 1,213.07	\$ 1,433.37	\$ 2,542.04
Total	\$ 1,732.28	\$ 1,908.52	\$ 2,952.16	\$ 3,267.59	\$ 3,905.97	\$ 7,278.44	\$ 8,600.21	\$ 15,252.22
Rounded Total	\$ 1,740	\$ 1,910	\$ 2,960	\$ 3,270	\$ 3,910	\$ 7,280	\$ 8,610	\$ 15,260

DCVA Installation – Cast/Ductile Iron Pipe						Relocation
Size	3"	4"	6"	8"	10"	4"
DCVA	350A	350A	350A	350A	350A	N/A
	\$ 2,820.93	\$ 3,610.53	\$ 5,311.53	\$ 10,740.73	\$ 16,136.33	N/A
Pipe (10 LF)	\$ 4,425.40	\$ 2,468.20	\$ 3,010.00	\$ 4,286.80	\$ 5,574.80	\$ 2,468.20
Flanges (2)	\$ 462.00	\$ 576.80	\$ 767.20	\$ 1,204.00	\$ 1,722.00	N/A
MJ Bells (2)	\$ 3,399.20	\$ 3,393.60	\$ 4,519.20	\$ 5,104.40	\$ 6,277.60	N/A
90° Elbows (4)	\$ 3,740.80	\$ 3,740.80	\$ 5,728.80	\$ 8,674.40	\$ 12,712.00	\$ 3,740.80
Y Strainer	\$ 249.02	\$ 421.68	\$ 883.90	\$ 1,600.97	\$ 2,737.45	N/A
Support Stands (2)	\$ 464.66	\$ 503.86	\$ 503.86	\$ 501.06	\$ 529.06	N/A
Concrete	¼ CY	¼ CY	⅓ CY	½ CY	½ CY	N/A
	\$ 95.04	\$ 95.04	\$ 126.72	\$ 190.08	\$ 190.08	N/A
Miscellaneous Material (20%)	\$ 3,131.41	\$ 2,962.10	\$ 4,170.24	\$ 6,460.49	\$ 9,175.86	\$ 1,241.80
Material Subtotal	\$ 18,788.46	\$ 17,772.61	\$ 25,021.46	\$ 38,762.93	\$ 55,055.18	\$ 7,450.80
Labor	4 hr	8 hr	8 hr	8 hr	8 hr	8 hr
	\$ 695.60	\$ 2,410.89	\$ 2,410.89	\$ 2,410.89	\$ 2,410.89	\$ 2,410.89
Backhoe Rental	\$ 252.88	\$ 505.75	\$ 505.75	\$ 505.75	\$ 505.75	N/A
Labor/Equipment Subtotal	\$ 948.47	\$ 2,916.64	\$ 2,916.64	\$ 2,916.64	\$ 2,916.64	\$ 2,410.89
Contingency (20%)	\$ 3,947.39	\$ 4,137.85	\$ 5,587.62	\$ 8,335.91	\$ 11,594.36	\$ 1,972.34
Total	\$ 23,684.31	\$ 24,827.10	\$ 33,525.72	\$ 50,015.48	\$ 69,566.19	\$ 11,834.03
Rounded Total	\$ 23,690	\$ 24,830	\$ 33,530	\$ 50,020	\$ 69,570	\$ 11,840

DCVA Installation – PVC Pipe				
Size	¾"	1"	1½"	2"
DCVA	350XL	350XL	350XL	350XL
	\$ 348.53	\$ 382.13	\$ 1,002.33	\$ 1,131.13
Pipe (10 LF)	\$ 20.20	\$ 24.58	\$ 36.47	\$ 55.41
90° Elbows (4)	\$ 14.84	\$ 23.52	\$ 33.82	\$ 40.38
Ball Valve	\$ 4.69	\$ 7.69	\$ 15.02	\$ 20.96
Y Strainer	\$ 157.12	\$ 168.91	\$ 304.00	\$ 352.35
Miscellaneous Material (20%)	\$ 109.08	\$ 121.37	\$ 278.33	\$ 320.05
Material Subtotal	\$ 654.46	\$ 728.20	\$ 1,669.97	\$ 1,920.27
Labor	4 hr	4 hr	4 hr	4 hr
	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08
Backhoe Rental	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88
Labor/Equipment Subtotal	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96
Contingency (20%)	\$ 276.48	\$ 291.23	\$ 479.59	\$ 529.65
Total	\$ 1,658.90	\$ 1,747.38	\$ 2,877.51	\$ 3,177.87
Rounded Total	\$ 1,660	\$ 1,750	\$ 2,880	\$ 3,180

DCVA Installation – Galvanized Pipe							
Size	¾"	1"	1¼"	1½"	2"	2½"	3"
DCVA	350XL	350XL	350XL	350XL	350XL	350A	350A
	\$ 348.53	\$ 382.13	\$ 950.53	\$ 1,002.33	\$ 1,131.13	\$ 2,843.33	\$ 2,820.93
Pipe (10 LF)	\$ 95.90	\$ 145.80	\$ 192.95	\$ 198.32	\$ 299.52	\$ 494.84	\$ 655.37
90° Elbows (4)	\$ 23.30	\$ 40.94	\$ 55.83	\$ 80.98	\$ 144.26	\$ 271.26	\$ 373.02
Ball Valve	\$ 35.14	\$ 53.52	\$ 90.61	\$ 108.67	\$ 173.66	\$ 285.70	\$ 347.10
Y Strainer	\$ 61.53	\$ 88.37	\$ 146.79	\$ 166.75	\$ 268.46	\$ 526.68	\$ 916.82
Miscellaneous Material (20%)	\$ 112.88	\$ 142.15	\$ 287.34	\$ 311.41	\$ 403.40	\$ 884.36	\$ 1,022.65
Material Subtotal	\$ 677.28	\$ 852.90	\$ 1,724.05	\$ 1,868.46	\$ 2,420.43	\$ 5,306.18	\$ 6,135.88
Labor	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr
	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 695.60
Backhoe Rental	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88	\$ 252.88
Labor/Equipment Subtotal	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 727.96	\$ 948.47
Contingency (20%)	\$ 281.05	\$ 316.17	\$ 490.40	\$ 519.28	\$ 629.68	\$ 1,206.83	\$ 1,416.87
Total	\$ 1,686.28	\$ 1,897.03	\$ 2,942.41	\$ 3,115.70	\$ 3,778.06	\$ 7,240.96	\$ 8,501.22
Rounded Total	\$ 1,690	\$ 1,900	\$ 2,950	\$ 3,120	\$ 3,780	\$ 7,250	\$ 8,510

AG Installation					
Material	Copper			PVC	
Size	1¼"	1½"	2"	2"	3"
Pipe (1 LF)	\$ 20.31	\$ 30.25	\$ 40.12	\$ 5.54	\$ 12.85
90° Elbows (2)	\$ 26.24	\$ 41.16	\$ 65.69	\$ 20.19	\$ 50.88
Ball Valve	\$ 90.61	\$ 108.67	\$ 173.66	\$ 20.96	\$ 437.72
Miscellaneous Material (20%)	\$ 27.43	\$ 36.01	\$ 55.89	\$ 9.34	\$ 100.29
Material Subtotal	\$ 164.58	\$ 216.09	\$ 335.36	\$ 56.02	\$ 601.75
Labor	2 hr	2 hr	2 hr	2 hr	2 hr
	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54
Contingency (20%)	\$ 80.42	\$ 90.73	\$ 114.58	\$ 58.71	\$ 167.86
Total	\$ 482.55	\$ 544.35	\$ 687.48	\$ 352.28	\$ 1,007.14
Rounded Total	\$ 490	\$ 550	\$ 690	\$ 360	\$ 1,010

HBVB Installation	
Size	¾"
HBVB	\$ 23.73
Miscellaneous Material (20%)	\$ 4.75
Material Subtotal	\$ 28.48
Labor	1 hr
	\$ 118.77
Contingency (20%)	\$ 29.45
Total	\$ 57.93
Rounded Total	\$ 60

Priority Group 4												
Corrections	Lower BFP Device Position Make BFP Device Easily Accessible Raise BFP Device Position Reposition RP from Vertical to Horizontal Position											
	Copper						Cast Iron/Ductile Iron			PVC	Galvanized	
	Size	¾"	1"	1¼"	1½"	2"	3"	4"	6"	8"	1"	1"
	Pipe (10 LF)	\$ 136.98	\$ 163.02	\$ 203.08	\$ 302.46	\$ 401.23	\$ 720.36	\$ 2,468.20	\$ 3,010.00	\$ 4,286.80	\$ 24.58	\$ 145.80
90° Elbows (4)	\$ 14.17	\$ 31.70	\$ 52.47	\$ 82.32	\$ 131.38	\$ 376.77	\$ 3,740.80	\$ 5,728.80	\$ 8,674.40	\$ 23.52	\$ 40.94	
Miscellaneous Material (20%)	\$ 30.23	\$ 38.94	\$ 51.11	\$ 76.96	\$ 106.52	\$ 219.42	\$ 1,241.80	\$ 1,747.76	\$ 2,592.24	\$ 9.62	\$ 37.35	
Material Subtotal	\$ 181.37	\$ 233.65	\$ 306.67	\$ 461.73	\$ 639.12	\$ 1,316.55	\$ 7,450.80	\$ 10,486.56	\$ 15,553.44	\$ 57.72	\$ 224.08	
Labor	4 hr	4 hr	4 hr	4 hr	4 hr	4 hr	8 hr	8 hr	8 hr	4 hr	4 hr	
	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 475.08	\$ 695.60	\$ 2,410.89	\$ 2,410.89	\$ 2,410.89	\$ 475.08	\$ 475.08	
Contingency (20%)	\$ 131.29	\$ 141.75	\$ 156.35	\$ 187.36	\$ 222.84	\$ 402.43	\$ 1,972.34	\$ 2,579.49	\$ 3,592.87	\$ 106.56	\$ 139.83	
Total	\$ 787.74	\$ 850.48	\$ 938.10	\$ 1,124.17	\$ 1,337.04	\$ 2,414.57	\$ 11,834.03	\$ 15,476.94	\$ 21,557.20	\$ 639.37	\$ 838.99	
Rounded Total	\$ 790	\$ 860	\$ 940	\$ 1,130	\$ 1,340	\$ 2,420	\$ 11,840	\$ 15,480	\$ 21,560	\$ 640	\$ 840	
Corrections	Install "Non-Potable" Signage		Reinstall Removed Relief Valve		Replace Plate/Tag		Remove Improper Connections		Resolve Inconsistent Information Between Plate/Tag and/or			
Sign¹	\$ 15.68		N/A		N/A		N/A		N/A			
Relief Valve²	N/A		\$ 1,683.50		N/A		N/A		N/A			
Plate³	N/A		N/A		\$ 0.15		N/A		N/A			
Miscellaneous Material (20%)	\$ 3.14		\$ 336.70		\$ 0.03		N/A		N/A			
Material Subtotal	\$ 18.82		\$ 2,020.20		\$ 0.18		N/A		N/A			
Labor	1 hr		1 hr		1 hr		1 hr		1 hr			
	\$ 118.77		\$ 118.77		\$ 118.77		\$ 118.77		\$ 118.77			
Contingency (20%)	\$ 27.52		\$ 427.79		\$ 23.79		\$ 23.75		\$ 23.75			
Total	\$ 165.10		\$ 2,566.76		\$ 142.74		\$ 142.52		\$ 142.52			
Rounded Total	\$ 170		\$ 2,570		\$ 150		\$ 150		\$ 150			

Notes:

¹ Reference: Backflow Parts USA. <https://www.backflowpartsusa.com/>. Based on listed rate of \$56.00 for set of 5 OSHA "Caution: Non-Potable Water, Do Not Drink" sign (S-2835, 7" x 10", aluminum, 40 mil thick) + 40% markup (20% for overhead and profit; 20% for shipping). Accessed 22 September 2022.

² Reference: Backflow Parts USA. <https://www.backflowpartsusa.com/>. Based on listed rate of \$1,202.50 for Febco 860 complete relief valve assembly (2½" – 10", 905294) + 40% markup (20% for overhead and profit; 20% for shipping). Accessed 22 September 2022.

³ Reference: MyAssetTag. <https://www.myassettag.com/>. Based on listed rate of \$5.30 for set of 50 equipment name plates (2" x 4", anodized aluminum, 20 mil thick) + 40% markup (20% for overhead and profit; 20% for shipping). Accessed 22 September 2022.

⁴ Plumber labor rate used to represent personnel working with Maximo®.

Priority Group 5														
Corrections	Repair/Replace Leaking BFP Device or Parts													
BFP Device Type	RP ^{1 2}					Other Devices ^{3 4}								
Material	N/A	N/A	N/A	N/A	N/A	Copper ⁵			Cast Iron/Ductile Iron ⁶		PVC ⁷			
Size(s)	½" ⁸	¾" – 1" ⁹	1¼" – 2" ¹⁰	2½" – 3" ¹¹	4" – 6" ¹²	¾"	1½"	2"	4"	6"	¾"	1"	1¼"	2"
Repair Kit	\$ 195.30	\$ 413.00	\$ 763.00	\$ 813.40	\$ 1,816.15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ball Valve	N/A	N/A	N/A	N/A	N/A	\$ 35.14	\$ 108.67	\$ 173.66	\$ 1,962.31	\$ 3,152.55	\$ 4.69	\$ 7.69	\$ 9.94	\$ 20.96
Miscellaneous Material (20%)	\$ 39.06	\$ 82.60	\$ 152.60	\$ 162.68	\$ 363.23	\$ 7.03	\$ 21.73	\$ 34.73	\$ 392.46	\$ 630.51	\$ 0.94	\$ 1.54	\$ 1.99	\$ 4.19
	Material Subtotal	\$ 234.36	\$ 495.60	\$ 915.60	\$ 976.08	\$ 2,179.38	\$ 42.17	\$ 130.40	\$ 208.39	\$ 2,354.77	\$ 3,783.06	\$ 5.63	\$ 9.22	\$ 25.15
Labor		2 hr	2 hr	2 hr	2 hr	2 hr	2 hr	2 hr	2 hr	2 hr	2 hr	2 hr	2 hr	2 hr
		\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54	\$ 237.54
	Contingency (20%)	\$ 94.38	\$ 146.63	\$ 230.63	\$ 242.72	\$ 483.38	\$ 55.94	\$ 73.59	\$ 89.19	\$ 518.46	\$ 804.12	\$ 48.63	\$ 49.35	\$ 52.54
	Total	\$ 566.28	\$ 879.77	\$ 1,383.77	\$ 1,456.34	\$ 2,900.30	\$ 335.65	\$ 441.53	\$ 535.11	\$ 3,110.77	\$ 4,824.72	\$ 291.80	\$ 296.12	\$ 315.23
	Rounded Total	\$ 570	\$ 880	\$ 1,390	\$ 1,460	\$ 2,910	\$ 340	\$ 450	\$ 540	\$ 3,120	\$ 4,830	\$ 300	\$ 300	\$ 320
Corrections	Cap Pipe		Relocate/Remove Upstream Hose Bibb		Repair Bent Pipe	Repair Broken BFP Device		Repair Test Cocks	Replace Missing Handles		Replace Missing Inlet Valve Cover		Uncap Relief	
Material	Copper	PVC	N/A		Copper	N/A	N/A	N/A	Copper		N/A		N/A	
Size	2" ¹³	1" ¹⁴	N/A		2"	2" ¹⁰	2½" ¹¹	3"	1½"	2"	2"		N/A	
Cap ⁴	\$ 18.34	\$ 9.95	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	
Pipe (10 LF)	N/A	N/A	N/A		\$ 401.23	N/A	N/A	N/A	N/A	N/A	N/A		N/A	
Repair Kit ²	N/A	N/A	N/A		N/A	\$ 763.00	\$ 813.40	N/A	N/A	N/A	N/A		N/A	
Test Cocks (4) ^{4 15}	N/A	N/A	N/A		N/A	N/A	N/A	\$ 140.56	N/A	N/A	N/A		N/A	
Ball Valves (2) ^{4 5}	N/A	N/A	N/A		N/A	N/A	N/A	N/A	\$ 217.34	\$ 347.31	N/A		N/A	
Air Inlet Cover ^{2 16}	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	\$ 84.35		N/A	
Miscellaneous Material (20%)	\$ 3.67	\$ 1.99	N/A		\$ 80.25	\$ 152.60	\$ 162.68	\$ 28.11	\$ 43.47	\$ 69.46	\$ 16.87		N/A	
	Material Subtotal	\$ 22.01	\$ 11.94	N/A		\$ 481.47	\$ 915.60	\$ 976.08	\$ 168.67	\$ 260.80	\$ 416.77	\$ 101.22		N/A
Labor		1 hr	1 hr	1 hr		1 hr	2 hr	2 hr	1 hr	1 hr	1 hr		1 hr	
		\$ 118.77	\$ 118.77	\$ 118.77		\$ 118.77	\$ 237.54	\$ 237.54	\$ 118.77	\$ 118.77	\$ 118.77		\$ 118.77	
	Contingency (20%)	\$ 28.16	\$ 26.14	\$ 23.75		\$ 120.05	\$ 230.63	\$ 242.72	\$ 57.49	\$ 75.91	\$ 107.11	\$ 44.00		\$ 23.75
	Total	\$ 168.93	\$ 156.86	\$ 142.52		\$ 720.29	\$ 1,383.77	\$ 1,456.34	\$ 344.93	\$ 455.49	\$ 642.65	\$ 263.99		\$ 142.52
	Rounded Total	\$ 170	\$ 160	\$ 150		\$ 730	\$ 1,390	\$ 1,460	\$ 350	\$ 460	\$ 650	\$ 270		\$ 150

Notes:

¹ Leaking from relief valve.

² Reference (repair kits): Backflow Parts USA. <https://www.backflowpartsusa.com/>. Accessed 22 September 2022.

³ Leaking from check valve.

⁴ Reference (ball valves and caps): W.W. Grainger, Inc. <https://www.grainger.com/>. Honolulu Branch #561, 2833 Paa St, Honolulu, HI 96819-4406. Accessed 30 August and 22 September 2022.

⁵ Ball valve rate based on cost of lead-free brass inline ball valves with female NPT end connections from Apollo Valves.

⁶ Ball valve rate based on cost of carbon steel inline ball valves with flanged end connections (200 psi CWP) from Beckley (\$1,401.00 and \$2,201.02 for 4" and 6", respectively, + 40% markup [20% for overhead and profit, 20% for shipping]).

⁷ Ball valve rates based on cost of plastic inline ball valves (150 psi CWP, 34° to 140°F) with socket connections from Grainger Approved.

⁸ Based on listed rate of \$139.50 for Watts 009/LF009 RP total relief valve kit (¼" – ½", 0887294) + 40% markup (20% for overhead and profit; 20% for shipping).

⁹ Based on listed rate of \$295.00 for Watts 909/909HW RP total relief valve kit (¾" – 1", 0794059) + 40% markup (20% for overhead and profit; 20% for shipping).

¹⁰ Based on listed rate of \$545.00 for Watts 909M1 RP total relief valve kit (1¼" – 2", 0794060) + 40% markup (20% for overhead and profit; 20% for shipping).

¹¹ Based on listed rate of \$581 for Watts LF909 RP total relief valve kit (2½" – 3", 0794085) + 40% markup (20% for overhead and profit; 20% for shipping).

¹² Based on listed rate of \$1,297.25 for Watts 909M1 total relief valve kit (4" – 6", 0794151) + 40% markup (20% for overhead and profit; 20% for shipping).

¹³ Based on listed rate of \$13.10 + 40% markup (20% for overhead and profit; 20% for shipping) for standard soldered fitting with cup end connection from NIBCO.

¹⁴ Based on listed rate of \$7.11 + 40% markup (20% for overhead and profit; 20% for shipping) for Schedule 80 fittings with socket end connections.

¹⁵ Based on listed rate of \$25.10 for ¾" lead-free brass inline ball valves with female NPT end connections from Apollo Valves + 40% markup (20% for overhead and profit; 20% for shipping).

¹⁶ Based on listed rate of \$60.25 for Febco 765 canopy (1½" – 2", 300083) + 40% markup (20% for overhead and profit; 20% for shipping).

Priority Group 4					
Proposed Correction	Pipe Material	Pipe Size	Cost	Total Number	Total Cost
Install “Non-Potable” Signage on Hose Bibb	N/A		\$ 170	4	\$ 680
Lower BFP Device Position	Copper	¾”	\$ 790	2	\$ 1,580
		1”	\$ 860	1	\$ 860
Make BFP Device Easily Accessible	N/A*		\$ -	74	\$ -
	Copper	1½”	\$ 1,130	1	\$ 1,130
	Cast Iron/ Ductile Iron	6”	\$ 15,480	1	\$ 15,480
		8”	\$ 21,560	1	\$ 21,560
Raise BFP Device Position	Copper	¾”	\$ 790	4	\$ 3,160
		1¼”	\$ 940	1	\$ 940
		1½”	\$ 1,130	1	\$ 1,130
		2”	\$ 1,340	3	\$ 4,020
		3”	\$ 2,420	1	\$ 2,420
	Cast Iron/ Ductile Iron	4”	\$ 11,840	1	\$ 11,840
	PVC	1”	\$ 640	1	\$ 640
	Galvanized	1”	\$ 840	1	\$ 840
Reinstall Removed RP Relief Valve	N/A		\$ 2,570	1	\$ 2,570
Replace Unreadable/Missing Plate and/or Tag	N/A		\$ 150	26	\$ 3,900
Reposition RP from Vertical to Horizontal Position	Copper	¾”	\$ 790	1	\$ 790
Remove Improper Connections to Device	N/A		\$ 150	17	\$ 2,550
Resolve Inconsistent Information Between Device Plate, Tag, and/or Maximo® Entry	N/A		\$ 150	69	\$ 10,350
Total				211	\$ 86,440

* BFP device access restricted due to locked access panel (need to located key); no material or labor costs considered.

Priority Group 5						
Proposed Correction	BFP Device	Pipe Material	Pipe Size	Cost	Total Number	Total Cost
Cap Pipe	N/A	Copper	2"	\$ 170	1	\$170
		PVC	1"	\$ 160	1	\$160
Relocate/Remove Upstream Hose Bibb	N/A			\$ 150	3	\$450
Repair Bent Pipe	N/A	Copper	2"	\$ 730	1	\$730
Repair Broken BFP Device	N/A		2"	\$ 1,390	1	\$1,390
			2½"	\$ 1,460	2	\$2,920
Repair Test Cocks	N/A			\$ 350	1	\$350
Replace Missing Handles	N/A	Copper	1½"	\$ 460	2	\$920
			2"	\$ 650	3	\$1,950
Replace Missing PVB Air Inlet Valve Cover	N/A		2"	\$ 270	5	\$1,350
Replace/Repair Leaking BFP Device or Parts	RP	N/A	½"	\$ 570	2	\$1,140
			¾"	\$ 880	7	\$6,160
			1"	\$ 880	13	\$11,440
			1¼"	\$ 1,390	2	\$2,780
			1½"	\$ 1,390	7	\$9,730
			2"	\$ 1,390	29	\$40,310
			2½"	\$ 1,460	21	\$30,660
			3"	\$ 1,460	10	\$14,600
			4"	\$ 2,910	5	\$14,550
			6"	\$ 2,910	5	\$14,550
	Non-RP	Copper	¾"	\$ 340	1	\$340
			1½"	\$ 450	2	\$900
			2"	\$ 540	1	\$540
		Cast Iron/Ductile Iron	4"	\$ 3,120	1	\$3,120
			6"	\$ 4,830	2	\$9,660
		PVC	¾"	\$ 300	7	\$2,100
			1"	\$ 300	2	\$600
			1¼"	\$ 300	1	\$300
			2"	\$ 320	9	\$2,880
Uncap RP Relief Valve	N/A			\$ 150	4	\$600
Total					151	\$ 177,350