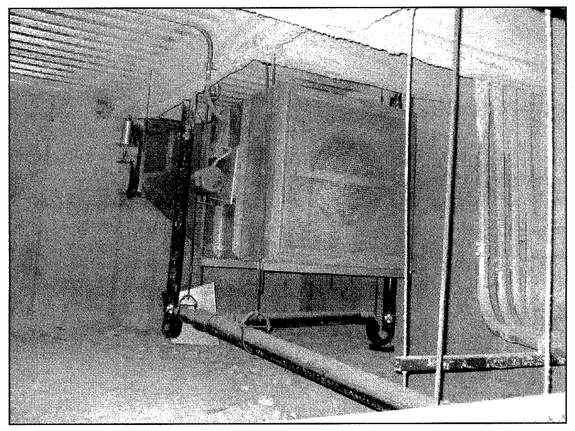
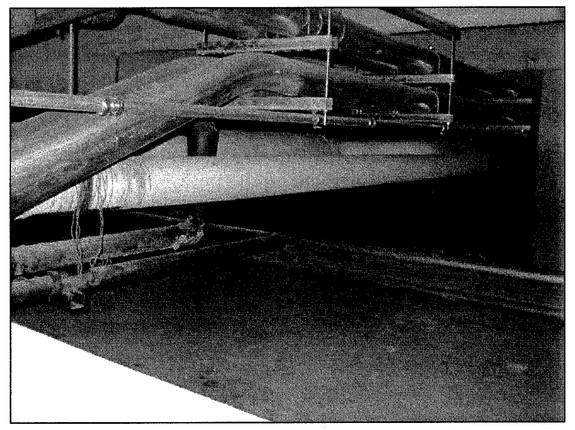


EXISTING VENTILATION FAN

GRAPHIC SCALE SUPERSEDES NUMERIC SCALE

3 MD1.0 | MD1.0

NOT TO SCALE

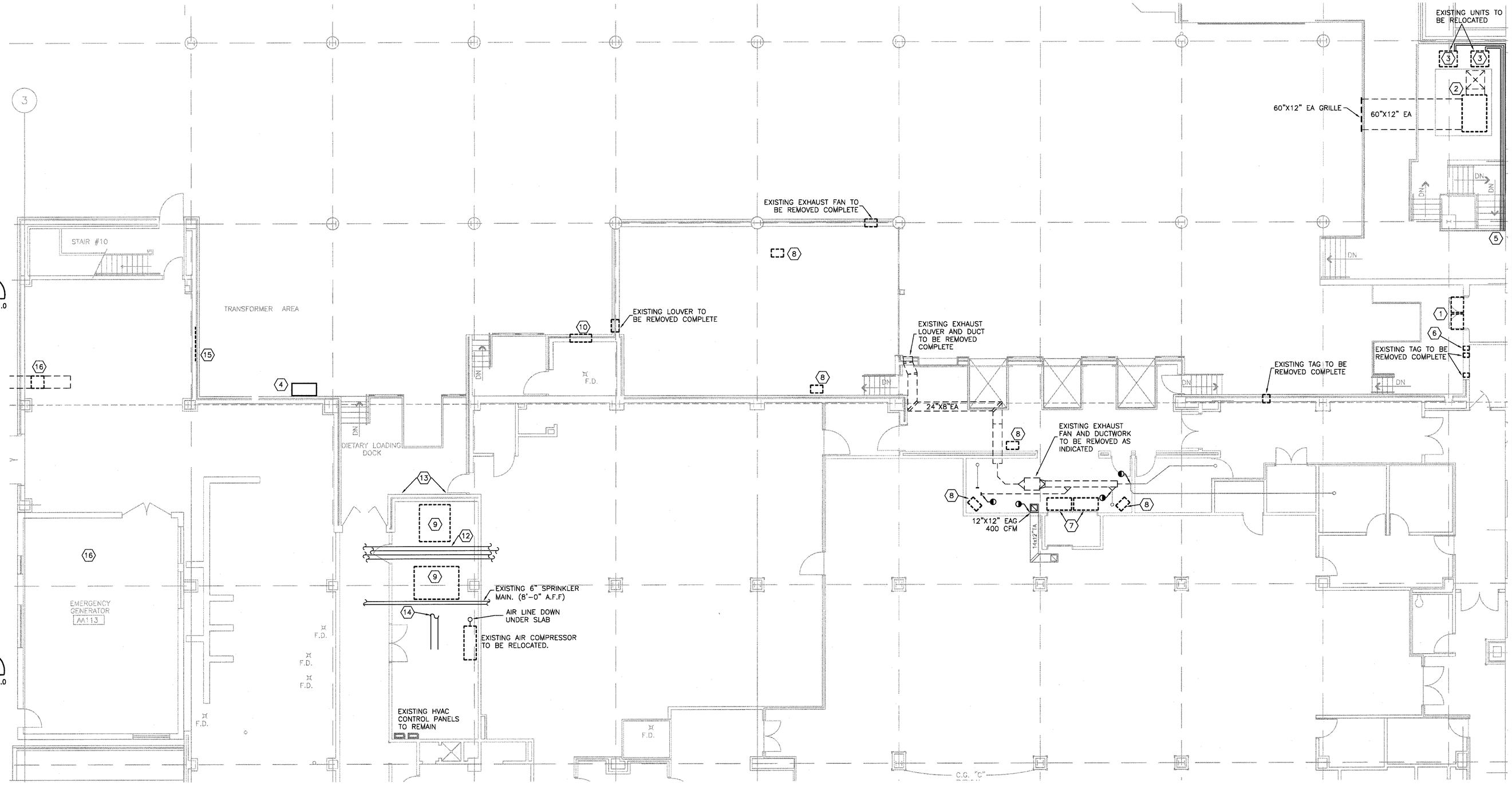


UTILITIES TO BE RELOCATED

GRAPHIC SCALE SUPERSEDES NUMERIC SCALE

4 MD1.0 | MD1.0

NOT TO SCALE



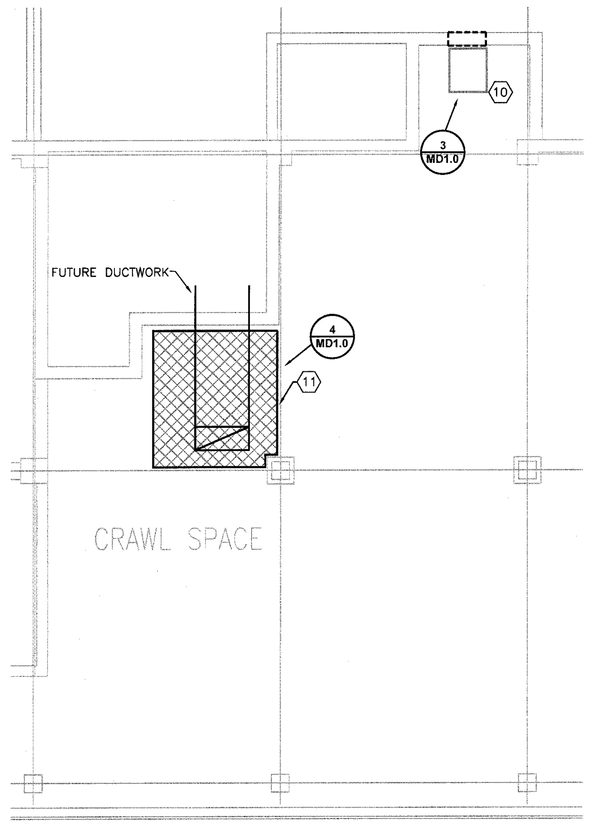
MECHANICAL DEMOLITION

GRAPHIC SCALE SUPERSEDES NUMERIC SCALE

1 MD1.0 | MD1.0

0 4' 8' 16'

SCALE: 1/8" = 1'-0"



CRAWLSPACE DEMOLITION

GRAPHIC SCALE SUPERSEDES NUMERIC SCALE

2 MD1.0 | MD1.0

0 4' 8' 16'

SCALE: 1/8" = 1'-0"

KEY NOTES

1. EXISTING EXHAUST FANS FOR KITCHEN SHALL BE REMOVED COMPLETE. EXISTING EXHAUST FANS FOR KITCHEN SHALL REMAIN IN SERVICE UNTIL PHASE 1 OF CONSTRUCTION IS COMPLETE AND THE ASSOCIATED MECHANICAL WORK IN PHASE 2 (THAT WORK ASSOCIATED WITH THE TRASH ROOM, SPD BREAKOUT, ETC.) IS COMPLETED – NEW EF–5 SHALL BE INSTALLED AND DUCTWORK RUN TO POINT WHERE EXISTING KITCHEN, FIRST FLOOR, AND SPD DUCTWORK SHALL TIE INTO NEW DUCT RUNS.
2. EXISTING EXHAUST FAN FOR BASEMENT ELECTRICAL ROOM SHALL REMAIN IN SERVICE UNTIL PHASE 1 OF CONSTRUCTION IS COMPLETE AND THE ASSOCIATED MECHANICAL WORK IN PHASE 2 (THAT WORK ASSOCIATED WITH THE COMPLETION OF THE CONCRETE VAULT FOR THE UNDER–SLAB DUCTWORK) IS COMPLETED.
3. EXISTING CONDENSING UNITS TO BE RELOCATED. NEW LINE SETS SHALL BE EXTENDED TO RELOCATED UNITS (SEE SHEET M1.0 FOR MORE INFORMATION). MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ASSOCIATED WITH RELOCATION, INCLUDING, BUT NOT LIMITED TO: REMOVAL OF EXISTING REFRIGERANT LINES, PROVISION OF NEW LINES, APPROVED REMOVAL OF EXISTING REFRIGERANT IF NECESSARY, NEW REFRIGERANT CHARGE FOR UNITS IF NECESSARY, AND ALL ASSOCIATED ACCESSORIES/LABOR INCIDENTAL TO THIS WORK. NEW POWER CONNECTION SHALL BE COORDINATED WITH ELECTRICAL CONTRACTOR.
4. EXISTING EXHAUST FAN FOR MECHANICAL ROOM SHALL REMAIN INTACT AND UNDISTURBED.
5. EXISTING REFRIGERANT LINES SHALL BE RELOCATED FROM CURRENT LOCATION (IN DUCT OPENING FOR MORGUE AHU) AND ROUTED UNDERNEATH DUCT. SEE NEW MECHANICAL WORK SHEETS FOR MORE INFORMATION.
6. EXISTING EXHAUST AIR OUTLET FOR GAS STORAGE ROOM SHALL BE REMOVED TO INSIDE OF GAS STORAGE ROOM AND REROUTED ABOVE CEILING FOR CONNECTION TO NEW EXHAUST DUCTWORK. SEE NEW MECHANICAL WORK SHEETS FOR MORE INFORMATION.
7. EXISTING AIR CURTAIN UNITS SHALL BE REMOVED COMPLETE.
8. EXISTING UNIT HEATER AND ALL PIPING, ACCESSORIES, ETC. SHALL BE REMOVED COMPLETE. PIPING SHALL BE REMOVED TO ABOVE NEW CEILING LEVEL AND BACK TO EXISTING EXTERIOR WALL. ANY ABANDONED PENETRATIONS AND ANY PENETRATION NOT CURRENTLY FIRE–STOPPED SHALL BE SEALED WITH APPROVED FIRE–STOPPING METHODS AND MATERIALS.
9. EXISTING CONCRETE PAD SHALL BE REMOVED COMPLETE IN ORDER TO POUR NEW HOUSEKEEPING PAD FOR AIR HANDLING UNIT.
10. EXISTING LOUVER SHALL BE REMOVED COMPLETE. EXISTING VENTILATION FAN FOR CRAWLSPACE SHALL REMAIN FOR CONNECTION TO NEW INTAKE DUCTWORK – SEE PHOTOGRAPHS ON THIS SHEET AND NEW MECHANICAL WORK SHEET FOR MORE INFORMATION.
11. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING ALL EXISTING UTILITIES LOCATED IN CRAWLSPACE (CHILLED WATER, SANITARY PIPING, ETC.) AND/OR ADDITIONAL EXCAVATION OF CRAWLSPACE FLOOR FOR INSTALLATION OF NEW OA DUCTWORK FOR AHU–1. SEE PHOTOGRAPHS ON THIS SHEET AND NEW MECHANICAL WORK SHEET FOR MORE INFORMATION. PIPING AND DUCTWORK SHALL BE THE RESPONSIBILITY OF MECHANICAL CONTRACTOR – CONDUIT, WIRING, AND OTHER ELECTRICAL DEVICES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
12. EXISTING PIPING TO BE RELOCATED AS NECESSARY FOR INSTALLATION OF NEW DUCTWORK. SEE NEW MECHANICAL WORK SHEET FOR MORE INFORMATION.
13. RELOCATE ALL EXISTING UTILITIES IN MECHANICAL ROOM AS REQUIRED FOR ROUTING OF NEW DUCTWORK, PIPING, ETC. AND REQUIRED FOR MAKING NEW PENETRATIONS IN MECHANICAL ROOM WALL. PIPING AND DUCTWORK SHALL BE THE RESPONSIBILITY OF MECHANICAL CONTRACTOR – CONDUIT, WIRING, AND OTHER ELECTRICAL DEVICES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
14. REMOVE EXISTING SUPPLY DUCTWORK TO MAKE ROOM FOR NEW AIR HANDLING UNIT AND DUCTWORK. SEE NEW MECHANICAL WORK SHEET FOR MORE INFORMATION.
15. EXISTING LOUVER IN TRANSFORMER ENCLOSURE SHALL BE REMOVED COMPLETE FOR INSTALLATION OF NEW EXPLOSION–PROOF LOUVER.
16. EXISTING EXHAUST FAN AND DUCTWORK SHALL BE REMOVED COMPLETE. EXISTING CONTROLS SHALL REMAIN FOR RE–CONNECTION.

GENERAL NOTES

1. ALL MECHANICAL DEMOLITION WILL BE COORDINATED WITH NEW CONSTRUCTION, MAINTENANCE OF EXISTING SERVICE IN THOSE UTILITIES TO BE DISTURBED UNTIL THE LATEST POSSIBLE TIME, AND WITH THE CONSTRUCTION PHASING SHEET/NOTES.
2. CARE SHOULD BE TAKEN BY ALL CONTRACTORS TO AVOID DAMAGING OR DISTURBING EXISTING CONSTRUCTION WHICH IS INDICATED TO REMAIN. CONTRACTORS SHALL BE RESPONSIBLE FOR MAKING ANY REPAIRS NECESSARY TO RECTIFY DAMAGE AND RESTORE EXISTING CONSTRUCTION TO UNDAMAGED STATE UPON COMPLETION OF WORK AT NO EXPENSE TO OWNER.
3. ALL CONTRACTORS SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL ARCHITECTURAL, ENGINEERING AND PHASING DRAWINGS AND DETAILS PRIOR TO BEGINNING CONSTRUCTION FOR COORDINATION OF ALL DEMOLITION WORK FOR EACH RESPECTIVE TRADE.
4. UNLESS NOTED, OTHERWISE SHOWN OR SPECIFIED, ALL MATERIALS AND EQUIPMENT REMOVED OR DEMOLISHED (EXCEPT THAT WHICH IS TO BE SALVAGED OR RELOCATED) AS DIRECTED BY DRAWINGS AND SPECIFICATIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF LEGALLY.
5. CONTRACTOR SHALL GIVE A MINIMUM NOTICE OF FIVE (5) DAYS NOTICE TO VA COTR PRIOR TO SHUTDOWN OF ANY EXISTING UTILITIES.
6. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE SCOPE OF MECHANICAL DEMOLITION WORK.
7. MECHANICAL CONTRACTOR SHALL REWORK CW AND HWH PIPING, AND DUCTWORK AS REQUIRED TO CONTINUE SERVICE TO ALL UNITS TO REMAIN AND DISCONNECTED FROM SERVICE BY DEMOLITION.
8. REFER TO DEMOLITION DRAWINGS OF OTHER TRADES FOR ADDITIONAL WORK REQUIRED.
9. REFER TO ELECTRICAL DEMOLITION PLANS FOR EXTENT OF ELECTRICAL EQUIPMENT, LIGHTING, ETC. BEING REMOVED. REMOVE ALL ELECTRICAL WORK ASSOCIATED WITH MECHANICAL EQUIPMENT AS NOTED ON ELECTRICAL PLANS.
10. CONTRACTOR SHALL COORDINATE WITH VA COTR BEFORE SECURITY /ACCESS SYSTEM IS DISARMED FOR ANY REASON OR LENGTH OF TIME.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY ABANDONED MECHANICAL/PIPING EQUIPMENT AND UTILITIES NOT SHOWN ON THIS DRAWING AND ANY OTHER MECHANICAL DEMOLITION INCIDENTAL TO ARCHITECTURAL DEMOLITION AND NEW WORK IN THE DOCK AREA.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ABATING ANY AND ALL ASBESTOS/LEAD CONTAINING MATERIAL DURING DEMOLITION AND NEW WORK.

REVISIONS	DATE
1	
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8	
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FULLY SPRINKLERED BUILDING

BID DOCUMENTS

COMMONWEALTH OF PENNSYLVANIA — REGISTERED — HAROLD S. BOSTON — ENGINEER — MECHANICAL

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PO BOX 436228
Louisville, Kentucky 40253
502-339-8611 www.paradigmusa.com

UPGRADE SPD AND SECURITY DOCK
PROJECT: 646-367

VA PITTSBURGH HEALTHCARE SYSTEM
UNIVERSITY DRIVE C
PITTSBURGH, PENNSYLVANIA 15240

Department of Veterans Affairs

MADE BY	CHECKED
DATE 7-28-11	

MECHANICAL DEMOLITION PLAN

DRAWING NO. MD1.0 | BID PKG.