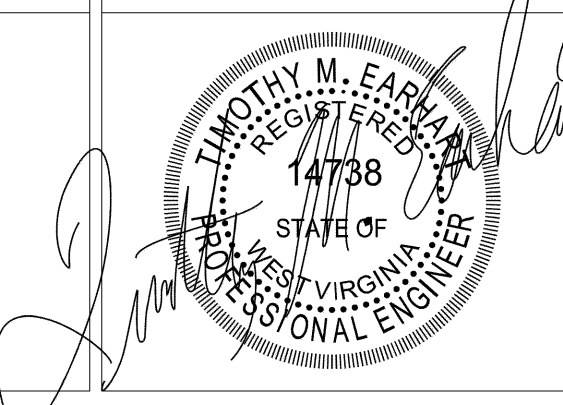


1 HVAC Ground Floor Plan  
SCALE: 1/8" = 1'-0"

BID CLARIFICATIONS	08-19-15
Revisions:	Date

CONSULTANTS:



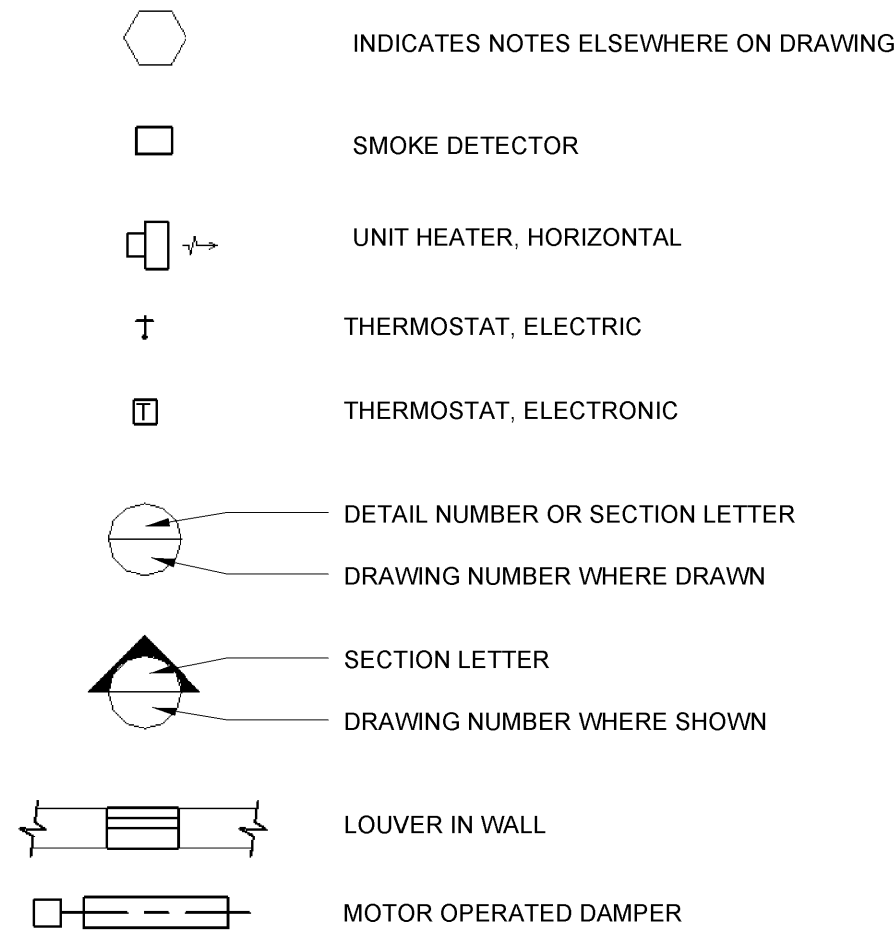
ARCHITECT/ENGINEERS:  
**IKM**  
architecture  
planning  
interior design  
IKM Incorporated  
One PPG Place  
Pittsburgh, PA 15222  
412-281-1337  
www.ikmnc.com

Drawing Title  
**Mechanical Ground Level Plan**  
Approved: Project Director

Project Title VA Clarksburg Parking Garage	VA Project Number 540-320 IKM Project Number 15-153 Building Number	Office of Construction and Facilities Management Department of Veterans Affairs
Location VAMC Clarksburg West Virginia	Drawing Number <b>H101</b> Dwg. of	
Date 4 June 2015	Checked DEP	Drawn JRO

100% CONSTRUCTION DOCUMENT SUBMISSION

SYMBOLS



GENERAL NOTES:

1. THE HEATING CONTRACTOR SHALL COORDINATE WITH OTHER CONTRACTORS IN THE LOCATION OF EQUIPMENT.
2. ALL WORK PERFORMED ON THIS BUILDING SHALL BE IN COMPLIANCE WITH ALL PERTINENT CODES, RULES, ORDINANCES, AND REGULATIONS OF THE LOCAL, STATE AND NATIONAL GOVERNING AUTHORITIES.
3. ALL WORK PERFORMED UNDER AND IN CONNECTION WITH THESE DRAWINGS AND SPECIFICATIONS SHALL BE IN STRICT COMPLIANCE WITH THE LATEST SAFETY AND HEALTH STANDARDS.
4. REPORT ANY DISCREPANCIES FOUND IN THE DRAWINGS AND/OR IN THE SPECIFICATIONS DURING THE BIDDING PROCESS FOR CLARIFICATION BY THE ARCHITECT/ENGINEER.
5. ALL DUCTS THAT PENETRATE CHASES, WALLS, OR FLOORS WHICH ARE FIRE-RATED, SHALL BE INSTALLED WITH FIRE DAMPERS IN ACCORDANCE WITH NFPA 90A. THIS APPLIES EVEN IF THEY ARE NOT SPECIFICALLY SHOWN ON THE DRAWING.
6. ANY PHYSICAL INSTALLATION MODIFICATIONS, DUE TO FIELD CONDITIONS, SHALL BE RESOLVED BY THE MECHANICAL CONTRACTOR IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MECHANICAL ENGINEER.
7. THE MECHANICAL CONTRACTOR SHALL PAY FOR ALL FEES AND PERMITS AS NECESSARY TO COMPLETE THE INSTALLATION.

EXHAUST FAN SCHEDULE

SYMBOL	LOCATION	SERVES	TYPE	ROOF OPENING/ LOUVER SIZE	SYSTEM CFM	FAN CFM	RPM	STATIC PRESSURE	TIP SPEED	DRIVE	HP	ELECT CHAR	CONTROL LOCATION ROOM No	CONTROL TYPE	CIRCUIT No	REMARKS
EF-1	WALL	ELECTRICAL ROOM	PROP.	24" x 24"	4029	4029	1550	.375	7304	DIRECT	3/4	480/3	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

HORIZONTAL UNIT HEATER SCHEDULE (ELECTRIC)

SYMBOL	SERVES	CFM	TOTAL AMPS	HP	ELECT CHAR	KW	BTUH	MOUNTING HEIGHT	REMARKS
HUH-1	ELECT. RM	575	12	16 WATT	480/3	10	34,130	8'-0"	-
HUH-2	WATER RM	375	12	16 WATT	480/3	10	34,130	8'-0"	-
HUH-3	ELEVATOR RM	350	14.5	-	208/1	3	10,239	8'-0"	-

NOTE:

1. CAPACITIES BASED ON 60°F EAT.

SPLIT SYSTEM AIR CONDITIONING UNIT SCHEDULE

NOM CAPACITY TONS	RATED BTUH	SEER	SYMBOL	INDOOR UNIT										REFRIG LINE						OUTDOOR UNIT						BASIS OF DESIGN	REMARKS
				CFM MIN	MAX	OA CFM	L IN	W IN	H IN	dBA	HTG KW	ELECT CHAPR	MCA	WT LBS	DRAIN CONN	LIQUID	SUCT	SYMBOL	L IN	D IN	H IN	dBA	ELECT CHAPR	MCA	WT LBS		
2	24,000	13.5	SSAHU-1	296	624	0	44	10.25	13	51	NONE	1/208V	1.0	37	5/8	1/4	5/8	ACCU-1	33.1	13	33.4	55	1/208V	17	128	MR.SLIM-MITISUBISHI	SERVES ELEV CONTROL RM

NOTES:

1. DRAIN CONNECTION SIZE IS LISTED FOR REFERENCE ONLY.
2. R410A - REFRIGERANT LINE SIZES ARE LISTED FOR REFERENCE ONLY AND SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS.
3. MAXIMUM LIFT 100 FT. MAXIMUM LENGTH 165 FT.

AIR COOLED CONDENSING UNIT SCHEDULE

SYMBOL	CONDENSOR FANS			COMPRESSOR			MCA	ELECT CHAR	SERVES	UNIT WEIGHT	REMARKS	
	QTY	CFM	FLA	QTY	HP EA	RLA EA						
ACCU-1	1	1729	.93	1	-	12.8	16.0	17	208/1/60	SSAHU-1	128	SEE SSAHU-1 SCHEDULE

1. CAPACITIES BASED ON 95°F AMBIENT TEMPERATURE.

2. CAPACITIES BASED ON R-410A REFRIGERANT.

3. UNITS SHALL BE SUPPLIED WITH LOW AMBIENT CONTROLS

CONSULTANTS:

ARCHITECT/ENGINEERS:



Drawing Title

Mechanical Schedules,  
Symbols, & General Notes

Approved: Project Director

Project Title

VA Clarksburg  
Parking Garage

Location

VAMC Clarksburg West Virginia

Date

4 June 2015

Checked

DEP

Drawn

JRO

VA Project Number  
540-320  
IKM Project Number  
16-163

Building Number

Drawing Number

H501

Dwg. of

Office of  
Construction  
and Facilities  
Management



100% CONSTRUCTION DOCUMENT SUBMISSION





