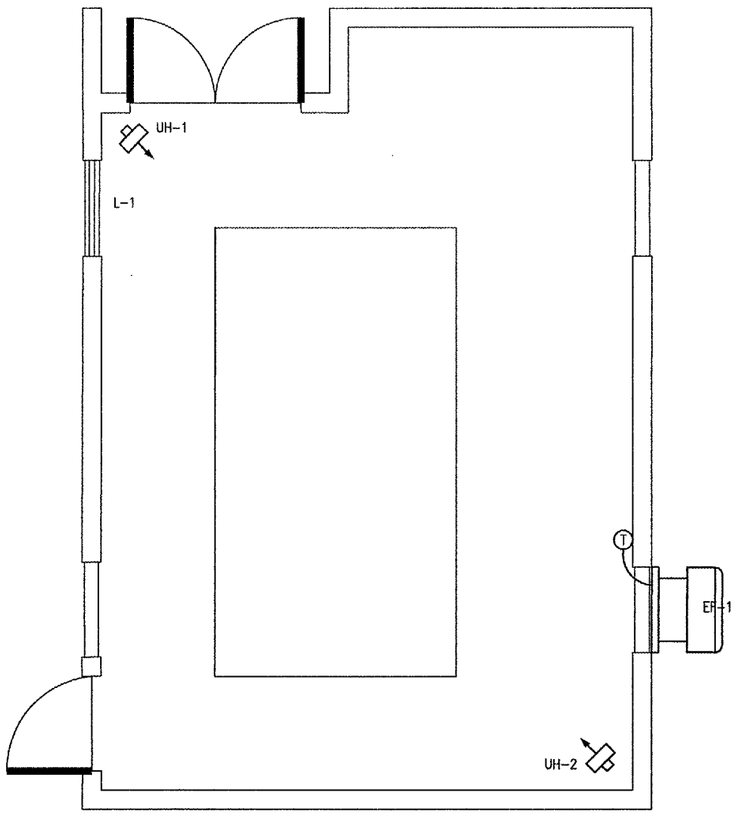


N

MECHANICAL PLAN

SCALE 3/8"=1'-0"

2 0 2 4 FEET

ELECTRIC HEATER SCHEDULE		
MARK		UH-1/UH-2
LOCATION		VAULT
MANUFACTURER		QMARK
MODEL		MUH05-21
HTG.	WATTS	5,000
CAP.	BTUH	17,000
FAN	CFM	350
	HP	1/100
ELEC.	VOLTS	240
	PHASE	1
	HZ.	60
ACCESSORIES		1,2
REMARKS		1,2,3

ACCESSORIES:

1. HANGING BRACKET
2. INTERNAL THERMOSTAT

REMARKS

1. INSTALL HEATER SUCH THAT BOTTOM OF HEATER IS APPROX. 8'-3" AFF. ADJUST MOUNTING ELEVATION TO AVOID INTERFERENCES WITH DOORWAYS AND OTHER EQUIPMENT.
2. COORDINATE MECHANICAL WORK WITH BUILDING CONSTRUCTION AND ELECTRICAL WORK.
3. PROVIDE ADDITIONAL BRACING/SUPPORT TO PREVENT SWAYING OF HEATER DURING OPERATION.

STATIONARY LOUVER SCHEDULE		
MARK		L1
SERVICE		VENTILATION INTAKE
LOCATION		VAULT
TYPE		STATIONARY
MANUFACTURER		RUSKIN
MODEL		ELF63705DX
CFM		2,250
MAX. Δ S.P.		0.1
NOM. SIZE	WIDTH	36
	HEIGHT	24
	DEPTH	6"
AREA (SQ. FT.)	NET	6.00
	FREE	2.92
FRAME		STANDARD
MATERIAL		AL
FINISH		KYNAR
ACCESSORIES		1,2
REMARKS		COLOR BY ARCHITECT

ACCESSORIES:

1. 110V MOTORIZED DAMPER
2. BIRDSCREEN

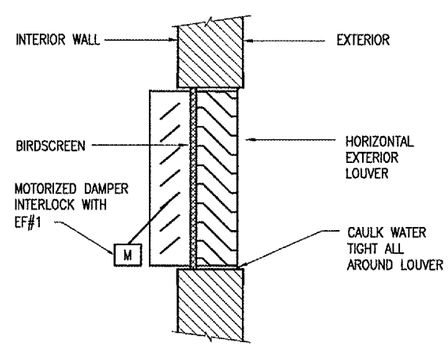
EXHAUST FAN SCHEDULE		
MARK		EF-1
SERVICE		GENERAL VENTILATION
MANUFACTURER		COOK
MODEL NUMBER		165WIOD
LOCATION		VAULT
TYPE		WALL CENTRIFUGAL
CFM		2250
S.P.		.25
FAN RPM		983
SONES		12.1
MOTOR	HP	1/3
	VOLT	115
	PHASE	1
	RPM	1075
ACCESSORIES		1,2,3,4
REMARKS		1,2

ACCESSORIES:

1. BACKDRAFT DAMPER
2. WALL MOUNT BRACKET
3. SPEED CONTROL (PRE-WIRED)
4. WALL MOUNT LINE VOLTAGE COOLING THERMOSTAT

REMARKS

1. SEE ELECTRICAL SHEETS FOR INFO ON FAN CONTROL SCHEMATIC.
2. COORDINATE MECHANICAL WORK WITH BUILDING CONSTRUCTION AND ELECTRICAL WORK.



2 / M3.0 LOUVER DETAIL

NOT TO SCALE

DI022

HANSON
HANSON PROFESSIONAL SERVICES INC.
815 Commerce Drive Suite 200
Oak Brook, Illinois 60523
Telephone: 630.990.3800
Fax: 630.990.3801

City of Dixon

CITY OF DIXON, ILLINOIS
Post Office Box 386
Dixon, Illinois 61021
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT
CHARLES R. WALGREEN FIELD

CONSTRUCT REPLACEMENT
AIRFIELD ELECTRICAL VAULT

AIP PROJECT NO. 3-17-0036-B8
IDA PROJECT NO. C73-3548

No.	Drawing Issue Description	Date	By

Date
JUNE 23, 2006

Sheet Title
MECHANICAL PLAN

843-05C8010
Project Number

DAH 05/19/06
Layout By Date

DAH 05/19/06
Designed By Date

RMH 06/23/06
Reviewed By Date

MV | --- | ---
Drawn By

M1

SHEET 14 OF 36
Sheet No.