

LABORATORY HOOD SCHEDULE (SEE NOTE 4)

TAG	LOCATION	MFR	MODEL	SIZE	CFM - FULLY OPEN	CFM FULLY OPEN VERTICAL STOP AT 15'	MAX CFM - SET FULL OPEN VERTICAL	S.P. (IN W.C.) FULL OPEN VERTICAL	DUCT CONN PER HOOD	CABINET SERVICES	ELECTRICAL
FH-1	CHEM 302 - PORTLAND	BAKER	FH6C	6-FOOT	644	1,376	850	0.85"	10"	SOLVEN	NOTE 1 NOTE 2
FH-2	CHEM 302 - PORTLAND	BAKER	FH6C	6-FOOT	644	1,376	850	0.85"	10"	SOLVEN	NOTE 1 NOTE 2

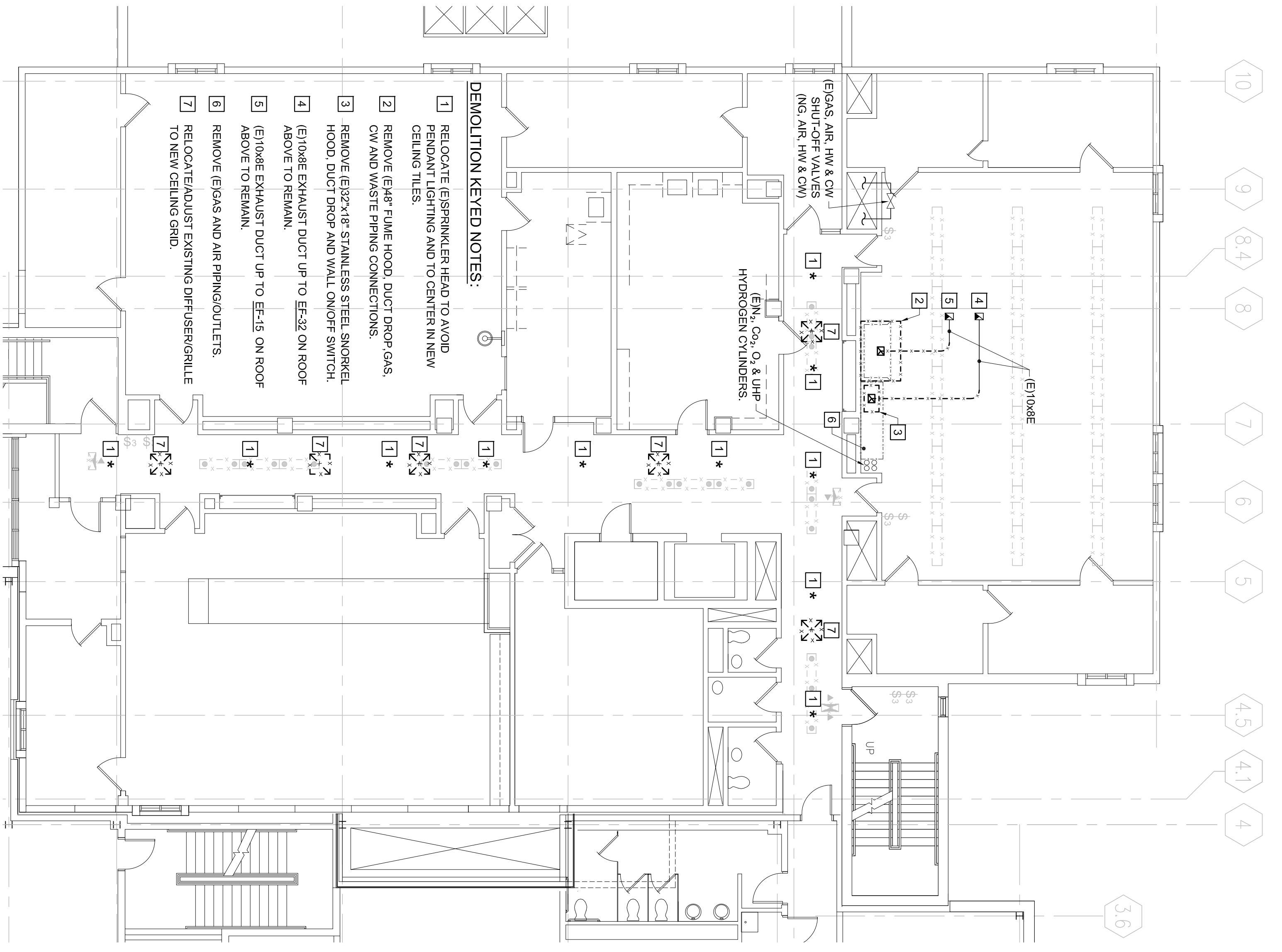
NOTES

- CUP SINK WITH COLD WATER, NATURAL GAS, NITROGEN (BOTTLED), TWO (2) INTEGRAL 120V GFCI OUTLETS. HOOD SHALL HAVE SINGLE POINT JUNCTION BOX ELECTRICAL CONN.
- REQUIRES A 115V/160, 15A, SINGLE POINT DERIVATED STANDBY POWER CIRCUIT
- SET SASH STOPS TO LIMIT VERTICAL TRAVEL, TO MATCH THE CFM CAPABILITY OF THE EXISTING FANS (850 CFM +/-)
- FH-1 AND FH-2 ARE DONATED TO THE PROJECT. CONTRACTOR SHALL INSTALL AND HOOKUP THE DONATED HOODS.

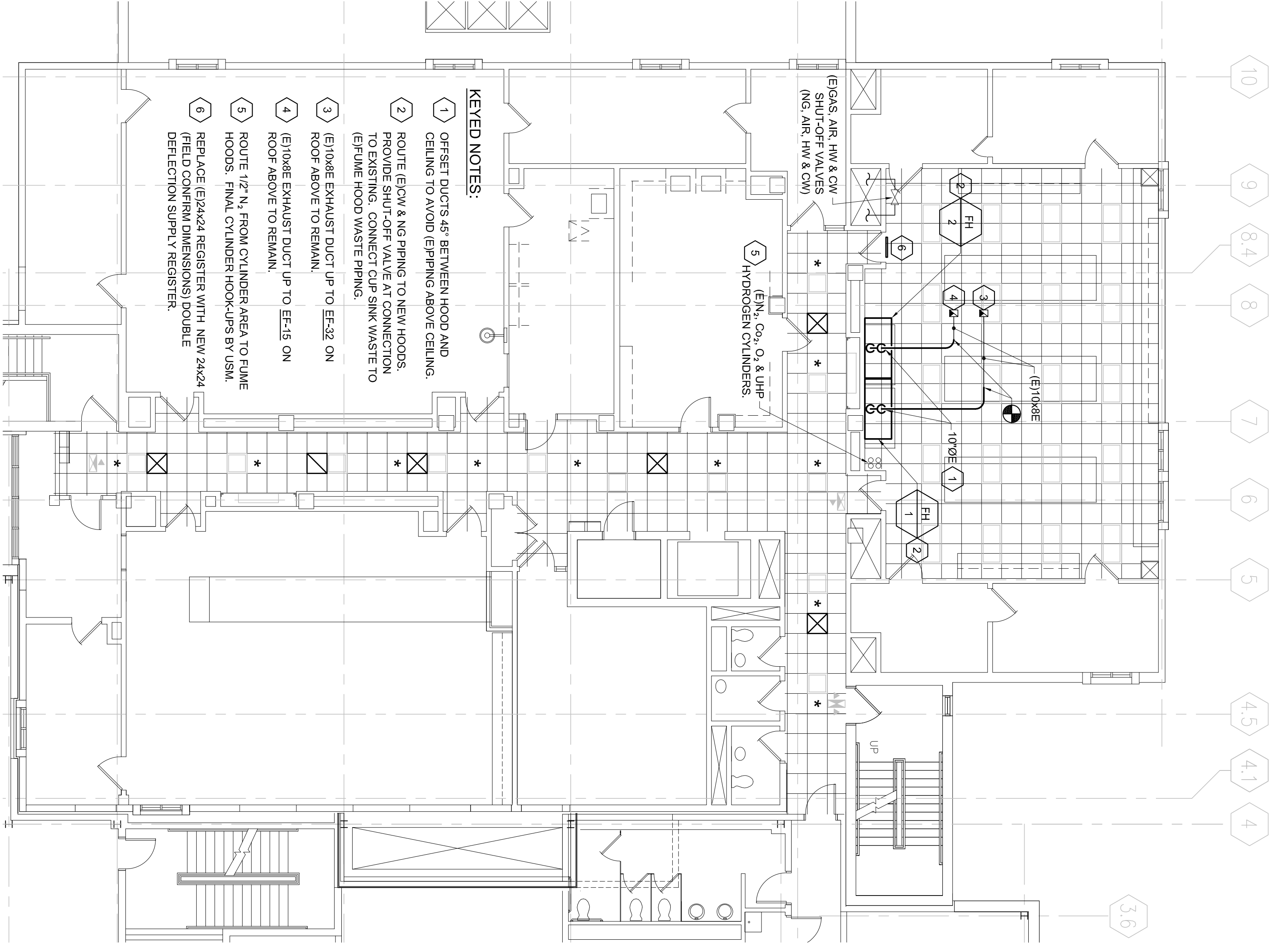
HOOKEUPS:

CUP SINK WASTE & VENT	1-1/2" CHEM RESISTANT
COLD WATER:	1/2"
NATURAL GAS:	1/2"
NITROGEN	BOTTLED

D1
NONE
MECHANICAL SCHEDULES



- DEMOLITION KEYED NOTES:**
1. RELOCATE (E)SPRINKLER HEAD TO AVOID PENDANT LIGHTING AND TO CENTER IN NEW CEILING TILES.
 2. REMOVE (E)4" FUME HOOD, DUCT DROP, GAS, CW AND WASTE PIPING CONNECTIONS.
 3. REMOVE (E)3/4" STAINLESS STEEL SNORKEL HOOD, DUCT DROP AND WALL ON/OFF SWITCH, ABOVE TO REMAIN.
 4. (E)10X8E EXHAUST DUCT UP TO EF-32 ON ROOF ABOVE TO REMAIN.
 5. (E)10X8E EXHAUST DUCT UP TO EF-15 ON ROOF ABOVE TO REMAIN.
 6. REMOVE (E)GAS AND AIR PIPING/OUTLETS.
 7. RELOCATE/ADJUST EXISTING DIFFUSER/GRILLE TO NEW CEILING GRID.



- KEYED NOTES:**
1. OFFSET DUCTS 48" BETWEEN HOOD AND CEILING TO AVOID (E)PIPING ABOVE CEILING.
 2. ROUTE (E)CW & NG PIPING TO NEW HOODS, PROVIDE SHUT-OFF VALVE AT CONNECTOR TO EXISTING. CONNECT CUP SINK WASTE TO (E)FUME HOOD WASTE PIPING.
 3. (E)10X8E EXHAUST DUCT UP TO EF-32 ON ROOF ABOVE TO REMAIN.
 4. (E)10X8E EXHAUST DUCT UP TO EF-15 ON ROOF ABOVE TO REMAIN.
 5. ROUTE 1/2" N₂ FROM CYLINDER AREA TO FUME HOODS. FINAL CYLINDER HOOK-UPS BY USM.
 6. REPLACE (E)24X24 REGISTER WITH NEW 24X24 (FIELD CONFIRM DIMENSIONS) DOUBLE DEFLECTION SUPPLY REGISTER.

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PROJECT TITLE
 REGISTERED PROFESSIONAL ENGINEER
 LICENSE NO. 12073
 IN/A
 MACDONALD
 NO. 6980
 STATE OF MAINE

Science "B" 3rd Floor Renovation
 USM Science Building B-Wing
 70 Falmouth St.
 Portland Maine

Issue/Revision	For Construction
Project ID	
CAD File	12073M-Portland
Drawn By	IAW
Checked By	IAW
Issue Date	04-02-2013
Print Date	
Reviewed By	IAW
Designed By	IAW
Submitted By	
Drawing Code	
Sheet Title	MECHANICAL DEMOLITION AND MECHANICAL PLANS
Drawing No.	M-101

A1
1/8" = 1'-0"
MECHANICAL DEMOLITION PART PLAN
1
2
A3
1/8" = 1'-0"
MECHANICAL PART PLAN
3
4
A5
NOT TO SCALE
KEY PLAN
5
M-101