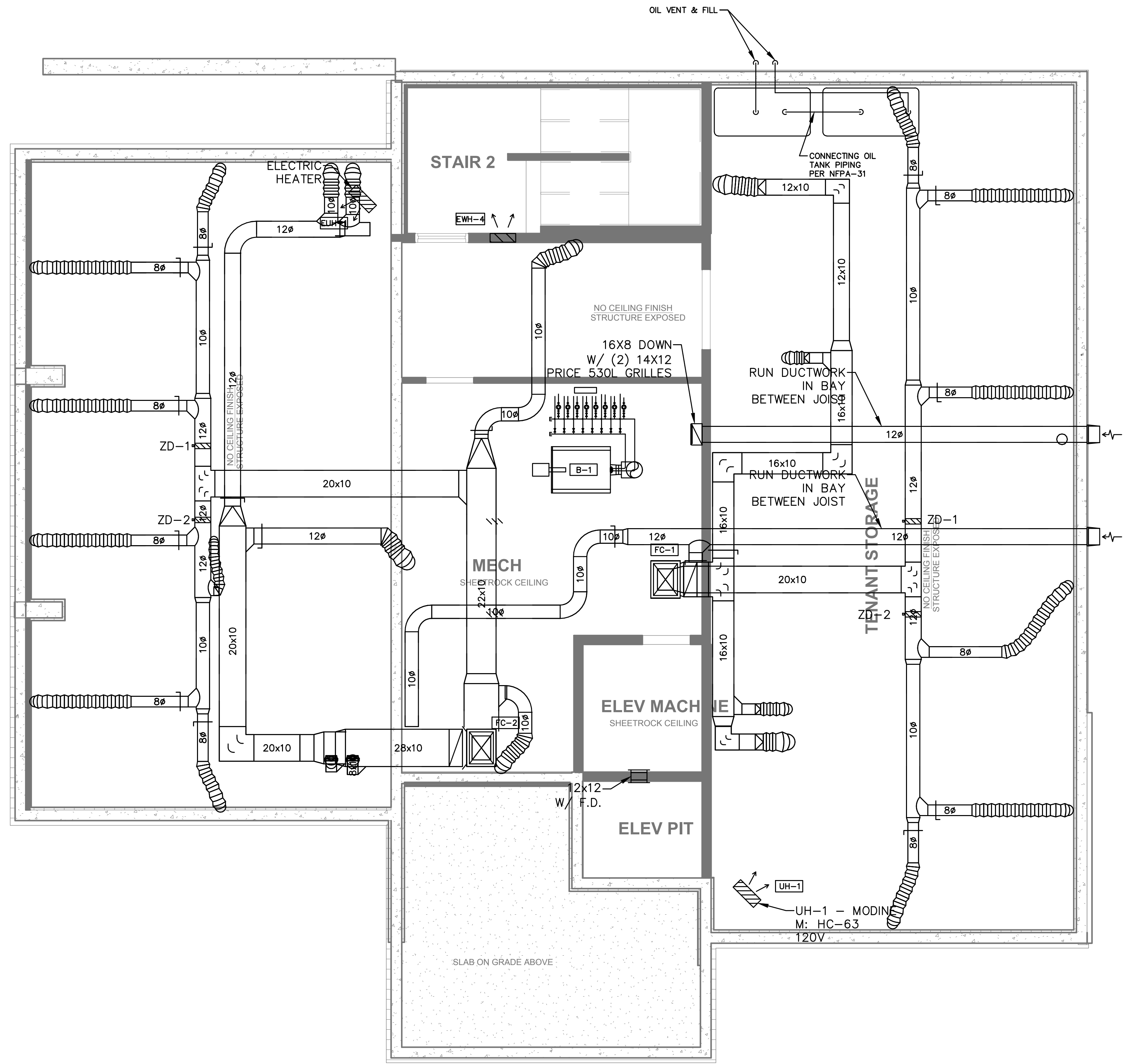




General Notes		
E	AS BUILT	10-9-13
D	REVISIONS & COORDINATION	5-13-13
C	REVISED	4-29-13
B	REVISED	01-31-13
A	REVISED	01-18-13
No.	Revision/Issue	Date



J. LAWRENCE HALL CO., INC.
17 PROGRESS AVE • NASHUA NEW HAMPSHIRE 03062
PHONE: (603) 882-2021 • FAX: (603) 882-1287
www.jlawrencehall.com

GCED CENTER
149 MAIN ST. PLYMOUTH, NH

BASEMENT LEVEL
HVAC LAYOUT

Project	C12-216	Sheet	M1.0
Date	01-14-2013		
Scale	1/4"=1'		

AIR HANDLER EQUIPMENT SCHEDULE										
TAG	MAKE	MODEL	HEATING		COOLING		ELECTRICAL			NOTES
			CAPACITY (BTU/H)	WATER FLOW (GPM @180 DEG. F)	CAPACITY (BTU/H)	REFRIGERANT	VOLTAGE	PHASE	HZ	
FC-1	FIRST COMPANY	36HBXB-HW	65,000	6	36,000	410a	115	1	60	
FC-2	FIRST COMPANY	48HBXB-HW	104,000	6	48,000	410a	115	1	60	
FC-3	FIRST COMPANY	36HBXB-HW	65,000	6	36,000	410a	115	1	60	
FC-4	FIRST COMPANY	48HBXB-HW	104,000	6	48,000	410a	115	1	60	
FC-5	FIRST COMPANY	36HBXB-HW	65,000	6	36,000	410a	115	1	60	
FC-6	FIRST COMPANY	48HBXB-HW	104,000	6	48,000	410a	115	1	60	
NOTES:										

AIR COOLED CONDENSING UNIT EQUIPMENT SCHEDULE								
TAG	MAKE	MODEL	COOLING		ELECTRICAL			NOTES
			CAPACITY (BTU/H)	REFRIGERANT	VOLTAGE	PHASE	HZ	
ACCU-1	CARRIER	ABB336A003	36,000	410a	208/230	1	60	
ACCU-2	CARRIER	ABB348A003	48,000	410a	208/230	1	60	
ACCU-3	CARRIER	ABB336A003	36,000	410a	208/230	1	60	
ACCU-4	CARRIER	ABB348A003	48,000	410a	208/230	1	60	
ACCU-5	CARRIER	ABB336A003	36,000	410a	208/230	1	60	
ACCU-6	CARRIER	ABB348A003	48,000	410a	208/230	1	60	
NOTES:								

OIL FIRED BOILER SCHEDULE								
TAG	MAKE	MODEL	HEATING		ELECTRICAL			NOTES
			CAPACITY (BTU/H)	#OF SECTIONS	VOLTAGE	PHASE	HZ	
B-1	BUDERUS	G315-6	454,000	6	120	1	60	
NOTES:								

INLINE EXHAUST FAN SCHEDULE							
TAG	MAKE	MODEL	CFM	STATIC "W.C.	ELECTRICAL		
					VOLTAGE	PHASE	HZ
EF-1	FANTECH	FG12XL	600	1	120	1	60
NOTES:							

ELEC TRIC & HOT WATER HEATER SCHEDULE										
TAG	MAKE	MODEL	HEATING				ELECTRICAL			NOTES
			CAPACITY (BTU/H)	WATER FLOW (GPM @180 DEG. F)	PRESSURE DROP (FT OF WATER)	WATTS	VOLTAGE	PHASE	HZ	
UH-1	MODINE	HC-63	45,600	4.7	0.6	-	115	1	60	BASEMENT STORAGE AREA
EWH-1	QMARK	SSHO4004	13,650	-	-	1800-4000	208	1	60	FRONT STAIRWAY
EWH-2	QMARK	SSHO4004	13,650	-	-	1800-4000	208	1	60	FRONT STAIRWAY
EWH-3	QMARK	SSHO4004	13,650	-	-	1800-4000	208	1	60	FRONT STAIRWAY
EWH-4	QMARK	SSHO4004	13,650	-	-	1800-4000	208	1	60	REAR STAIRWAY
EWH-5	QMARK	SSHO4004	13,650	-	-	1800-4000	208	1	60	REAR STAIRWAY
EWH-6	QMARK	SSHO4004	13,650	-	-	1800-4000	208	1	60	REAR STAIRWAY
EWH-7	QMARK	SSHO4004	13,650	-	-	1800-4000	208	1	60	REAR STAIRWAY
EUH-1	QMARK	MUH-10-2	25,600	-	-	7500/10000	208	1	60	SPRINKLER RM ENTRANCE
								1	60	
NOTES:										

VENTILATION REQUIREMENTS (PER I.M.C. 2009 – SECTION 403 TABLE 403.3)						
LEVEL	SYSTEM TAG	OCCUPANCY CLASSIFICATION	# OF OCCUPANTS	O.A. RATE (CFM/PERSON)	O.A. REQUIRED	O.A. PROVIDED
1	FC-1	OFFICE	5	25	125	200
1	FC-2	OFFICE	5	25	125	200
2	FC-3	OFFICE	5	25	125	200
2	FC-4	OFFICE	5	25	125	200
3	FC-5	OFFICE	5	25	125	200
3	FC-6	OFFICE	5	25	125	200

DIFFUSER, GRILLE, AND REGISTER SCHEDULE					
CALLOUT	DESCRIPTION	AIRFLOW RANGE (CFM)	FACE SIZE (IN)	INLET SIZE (IN)	MODEL
EX-1	EXHAUST GRILLE	0 – 96	6x6	6x6	PRICE 530 L
FR-1	FLOOR RETURN GRILLE	340 – 510	12x12	12x12	HART&COOLEY MODEL 265
FR-2	FLOOR RETURN GRILLE	550 – 690	14x14	14x14	HART&COOLEY MODEL 265
FR-3	FLOOR RETURN GRILLE	555 – 618	20x10	20x10	HART&COOLEY MODEL 265
FS-2	FLOOR SUPPLY GRILLE	165 – 200	14x6	14x6	HART&COOLEY MODEL 421
FS-3	FLOOR SUPPLY GRILLE	276 – 314	18x6	18x6	HART&COOLEY MODEL 421
R-1	EXHAUST GRILLE	0 – 429	12x12	12x12	PRICE 530 L
S-2	4 WAY SUPPLY DIFFUSER	126 – 282	24x24	9x9	PRICE SMD-3P LAYIN
S-3	4 WAY SUPPLY DIFFUSER	283 – 500	24x24	12x12	PRICE SMD-3P LAYIN
SW-1	DOUBLE DEFLECTION	133 – 169	10x6	10x6	PRICE – 520SD

General Notes		
E	AS BUILT	10-9-13
D	REVISIONS & COORDINATION	5-13-13
C	REVISED	4-29-13
B	REVISED	01-31-13
A	REVISED	01-18-13
No.	Revision/Issue	Date

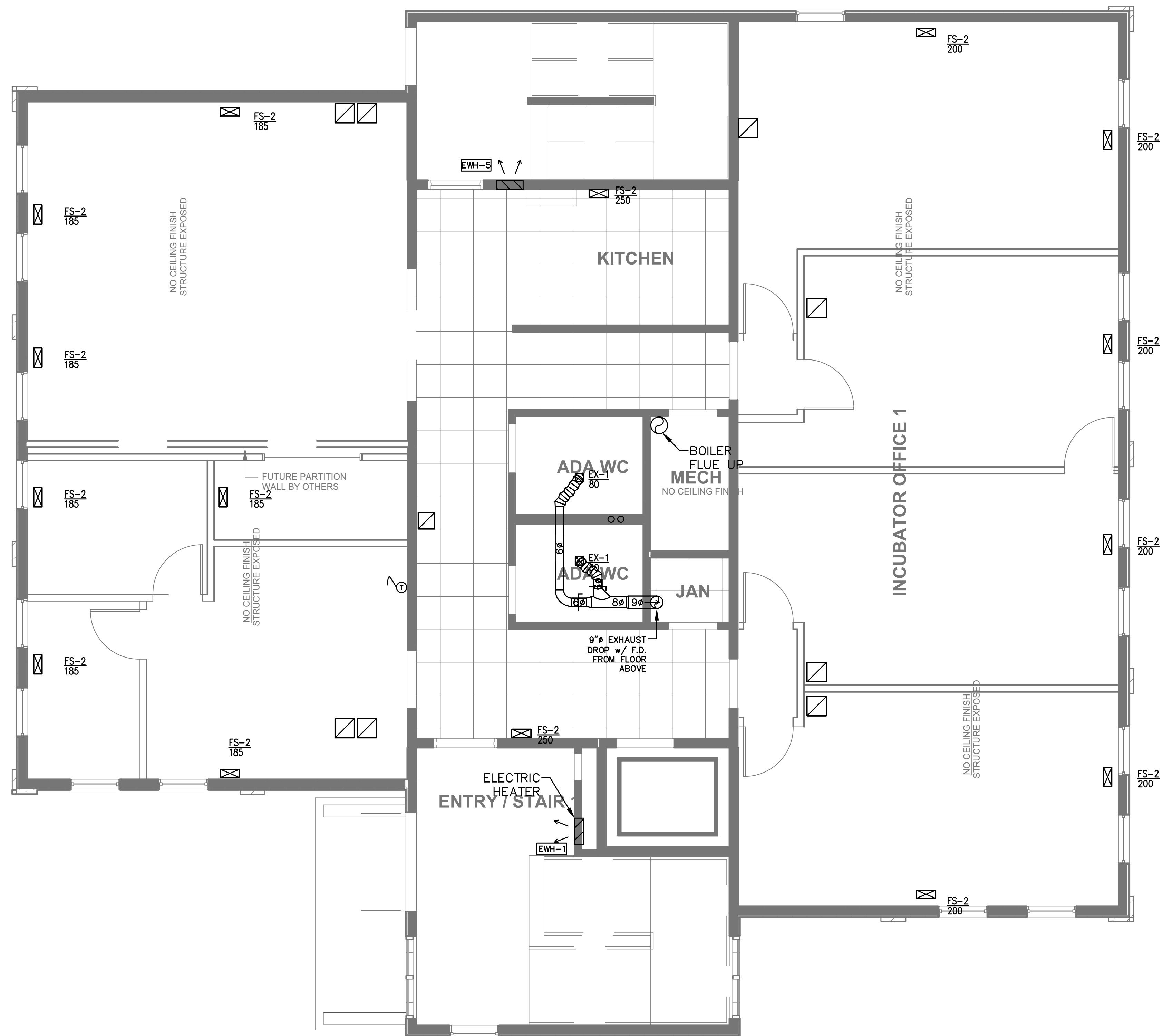


J. LAWRENCE HALL
J. LAWRENCE HALL CO., INC.
17 PROGRESS AVE • NASHUA NEW HAMPSHIRE 03062
PHONE: (603) 882-2021 • FAX: (603) 882-1287
www.jlawrencehall.com

GCED CENTER
149 MAIN ST. PLYMOUTH, NH

EQUIPMENT SCHEDULES

Project	C12-216	Sheet	M2.0
Date	01-14-2013		
Scale	1/4"=1'		



General Notes

E	AS BUILT	10-9-13
D	REVISIONS & COORDINATION	5-13-13
C	REVISED	4-29-13
B	REVISED	01-31-13
A	REVISED	01-18-13
No.	Revision/Issue	Date



J. LAWRENCE HALL CO., INC.
17 PROGRESS AVE • NASHUA NEW HAMPSHIRE 03062
PHONE: (603) 882-2021 • FAX: (603) 882-1287
www.jlawrencehall.com

GCED CENTER
149 MAIN ST. PLYMOUTH, NH

LEVEL ONE
HVAC LAYOUT

Project	C12-216	Sheet	M1.1
Date	01-14-2013		
Scale	1/4"=1'		