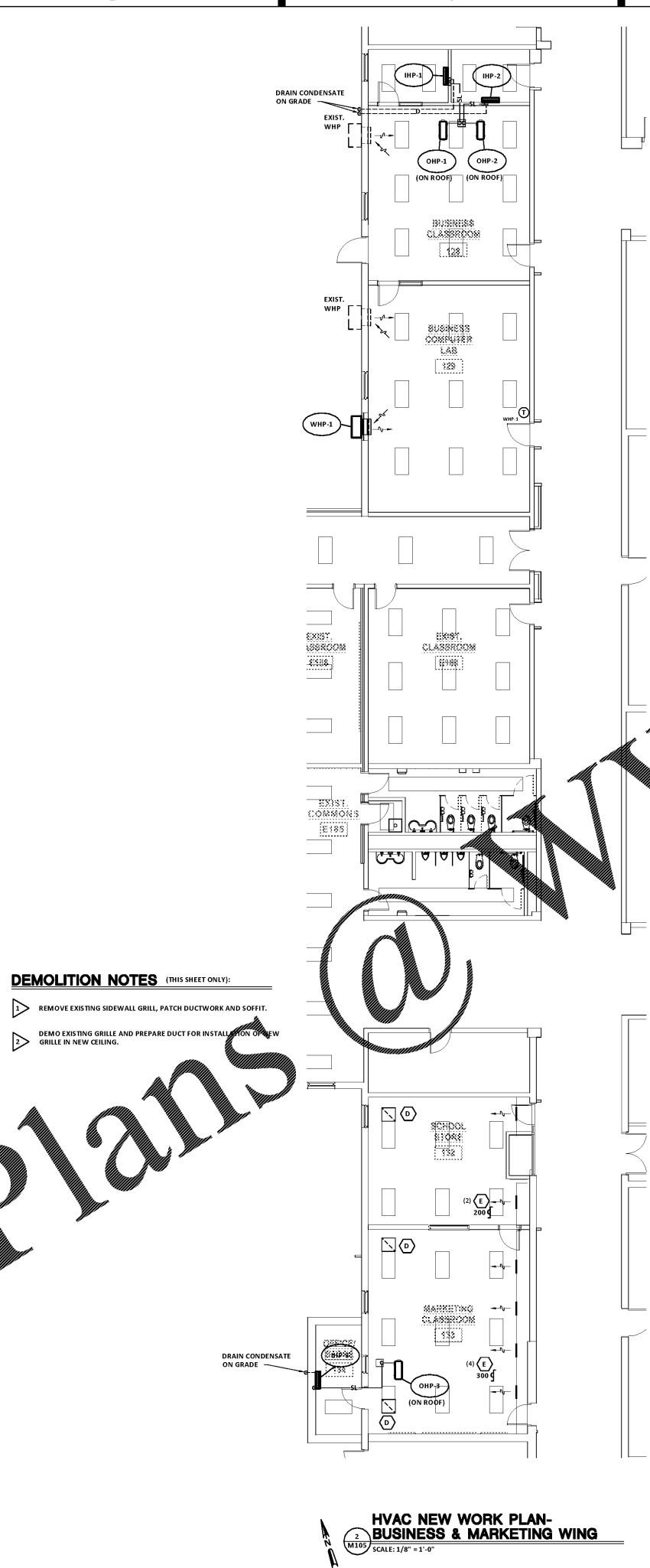


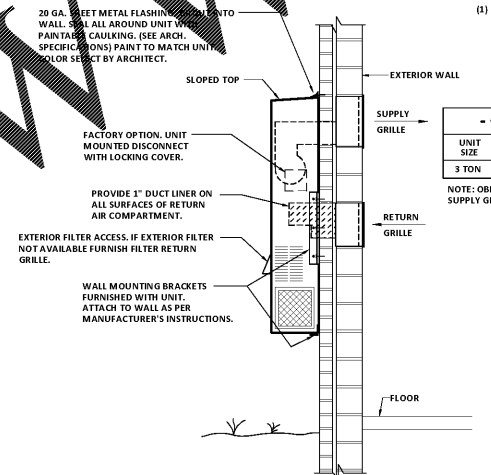
**1 HVAC DEMO PLAN - BUSINESS & MARKETING WING**  
SCALE: 1/8" = 1'-0"



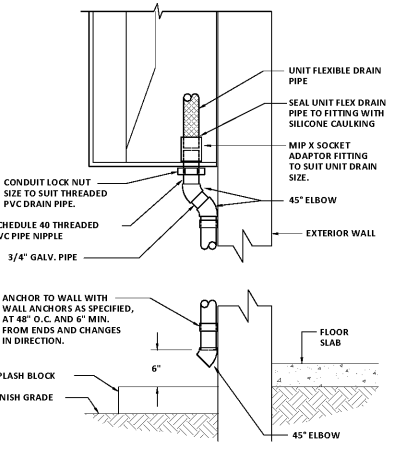
**2 HVAC NEW WORK PLAN - BUSINESS & MARKETING WING**  
SCALE: 1/8" = 1'-0"

**DEMOLITION NOTES (THIS SHEET ONLY):**

- 1 REMOVE EXISTING SIDEWALL GRILL, PATCH DUCTWORK AND SOFFIT.
- 2 DEMO EXISTING GRILLE AND PREPARE DUCT FOR INSTALLATION OF NEW GRILLE IN NEW CEILING.



**3 WALL MOUNTED HEAT PUMP DETAIL**  
NOT TO SCALE



**4 WHP DRAIN DETAIL**  
NOT TO SCALE

**-- WALL MOUNT HEAT PUMP SCHEDULE --**

ITEM	SUPPLY C.F.M.	EXT. S.P. W.C.	O.A. C.F.M.	EXHAUST C.F.M.	COOLING CAP. BTUH (1)	E.E.R. MIN.	HEATING CAP. (1)		C.O.P. (1)		AUX. HEAT (2)		S&RD MODEL NO.
							HI	LO	HI	LO	K.W.	STAGES	
WHP-1	1,100	0.3	200	-	34.6	9.0	35.0	21.0	3.0	2.0	9	1	W36H (3)

(1) RATINGS IN ACCORDANCE WITH A.S.J. STANDARD 240.  
(2) RATED AT 240 VOLTS.  
(3) UNITS SHALL HAVE INTEGRAL DISCONNECTS AND HOT GAS REHEAT DEHUMIDIFICATION SYSTEM AND BIPOLAR IONIZATION UNIT SIZED FOR FULL AIRFLOW.

**-- AIR DISTRIBUTION SCHEDULE --**

MARK	TYPE	NECK CONNECTION (1)	FINISH	ORD	PRICE NO. UNLESS NOTED	REMARKS (2)
D	CEILING RETURN/EXHAUST	22" X 22"	MANUFACTURER'S STANDARD FINISH	NO	80	24\"/>

(1) DUCT RUNOUT SIZE SAME AS NECK CONNECTION SIZE, UNLESS NOTED OTHERWISE.  
(2) PROVIDE LAY-IN TYPE FOR T-BAR CEILINGS AND SURFACE TYPE FOR OTHER CEILING TYPES. REFER TO ARCHITECTURAL FINISH SCHEDULE FOR CEILING TYPES.

**-- INDOOR HEAT PUMP SCHEDULE --**

ITEM	SUPPLY	EXT. S.P. (N.) W.C.	O.A. M.	F.A. HP.	DRIVE	COOLING CAP. BTUH (1)		AUX. HEAT		TRANE MODEL NO.	REMARKS
						SENSIBLE	TOTAL	K.W.	STGS.		
1	205	-	1.0 A	1.0 A	DIRECT	--	9,000	--	--	MITSUBISHI MSZ-GE09NA	(2)
2	205	-	1.0 A	1.0 A	DIRECT	--	9,000	--	--	MITSUBISHI MSZ-GE09NA	(2)
3	205	-	1.0 A	1.0 A	DIRECT	--	9,000	--	--	MITSUBISHI MSZ-GE09NA	-

(1) RATINGS IN ACCORDANCE WITH A.S.J. STANDARD 240.  
(2) FURNISH WITH LITTLE GLENN CONDENSATE PUMP.

**-- OUTDOOR HEAT PUMP SCHEDULE --**

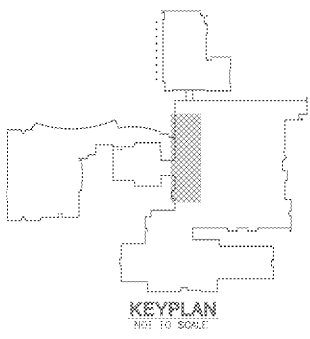
ITEM	COOLING CAP. BTUH (1)	E.E.R. MIN.	HEATING CAP. M.B.H. (1)		C.O.P. (1)		TRANE MODEL NO.
			HI	LO	HI	LO	
OHP-1	9,000	21.0 SEER	10.9	6.6	10 HSPF	--	MITSUBISHI MUZ-GE09NA
OHP-2	9,000	21.0 SEER	10.9	6.6	10 HSPF	--	MITSUBISHI MUZ-GE09NA
OHP-3	9,000	21.0 SEER	10.9	6.6	10 HSPF	--	MITSUBISHI MUZ-GE09NA

(1) RATINGS IN ACCORDANCE WITH A.S.J. STANDARD 240.

**- GRILLE SIZES -**

UNIT SIZE	SUPPLY (E)	RETURN (V)
3 TON	32X16	32X16

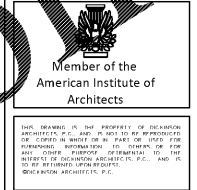
NOTE: ORD NOT REQUIRED FOR SUPPLY GRILLE.



KEYPLAN  
NOT TO SCALE

1/4" = 1'-0"  
REFERENCE SCALE

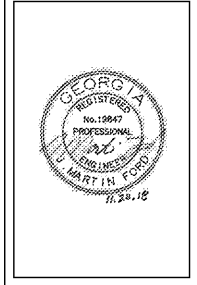
PLOT DATE: 11/26/18  
FILENAME: 17036ADD  
PLOT SCALE: 1 = 96  
WGC/WDP



PROJECT TITLE:  
**MURPHEY  
MIDDLE  
SCHOOL P.E.  
BUILDING  
PROJECT #  
B-17-005-3756.1**

REVISIONS

REV #	DATE	APPROVED BY	REVISION
1	11/02/18	JMF	STATE FINAL
2	11/20/18	JMF	ISSUE FOR BID



DA PROJECT NUMBER & NAME:  
1707.1

DRAWING TITLE:  
HVAC DUCT PLAN

DRAWING NO:  
**M105**