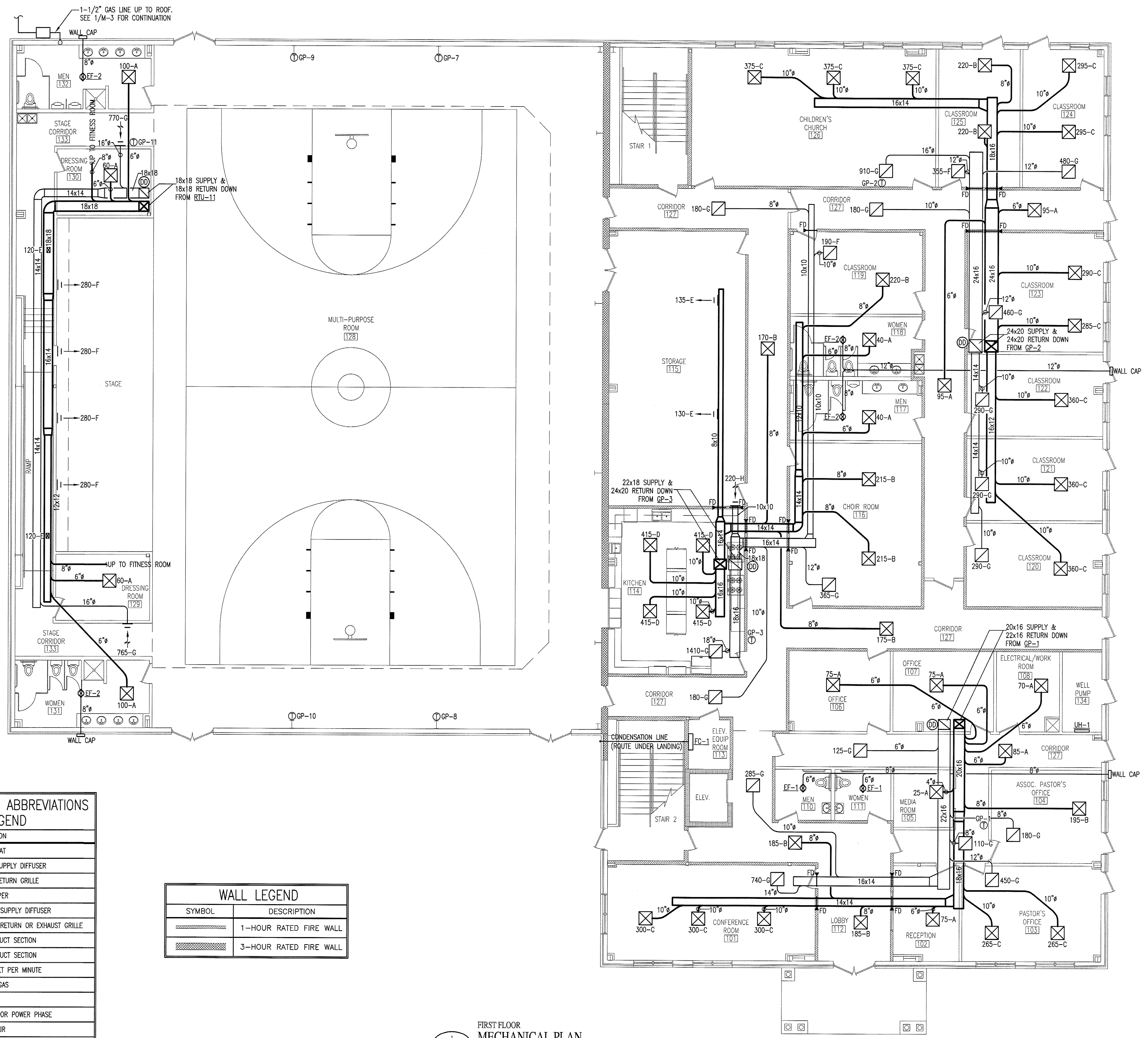


**MECHANICAL NOTES:**

- ALL HVAC EQUIPMENT AND DUCTWORK TO BE INSTALLED IN ACCORDANCE WITH STATE AND LOCAL CODES.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL DUCTWORK, PIPING, AND ELECTRICAL REQUIREMENTS WITH ALL OTHER TRADES PRIOR TO BEGINNING INSTALLATION TO AVOID CONFLICTS AND INTERFERENCE WITH OTHER TRADES.
- ALL EQUIPMENT TO BE INSTALLED AS SUGGESTED BY MANUFACTURER.
- INSULATE SUPPLY AND RETURN DUCTWORK LOCATED IN UNCONDITIONED SPACES BY WRAPPING WITH INSULATION WITH A MINIMUM INSTALLED R-VALUE OF 5.0. DIMENSIONS SHOWN ARE INSIDE CLEAR AREA DIMENSIONS.
- FIRST 10' FROM THE HVAC UNIT OF EXPOSED INTERIOR DUCTWORK MUST BE INSULATED WITH 1" DUCT LINER.
- INSTALL WASHABLE SCREEN FILTER ON OUTSIDE AIR INTAKE OF ROOF TOP UNITS.
- MECHANICAL SYSTEM TO BE BALANCED AND TESTED AFTER INSTALLATION TO ASSURE PROPER OPERATION.
- COORDINATE EXACT LOCATION OF THERMOSTATS WITH OWNER.
- ANY FIRE RATED ASSEMBLY PENETRATIONS ARE TO BE PER CODE. CONTRACTOR SHOULD REVIEW ALL FIRE RATING PENETRATIONS.
- BATHROOM EXHAUST FANS ARE TO BE FURNISHED, INSTALLED AND DUCTED TO OUTDOORS BY THE MECHANICAL CONTRACTOR. EXHAUST FAN TO BE WIRED BY THE ELECTRICAL CONTRACTOR.
- SMOKE DETECTORS ARE TO BE PROVIDED IN RETURN AIR DUCT OF EACH UNIT AHEAD OF MAKE-UP AIR CONNECTIONS TO SHUT DOWN THE UNIT IN CASE OF FIRE.
- DUCT SMOKE DETECTORS ARE TO BE CONNECTED TO FIRE ALARM.
- EXHAUST FAN DISCHARGE TO BE AT LEAST TEN FEET AWAY FROM HVAC FRESH AIR IN-TAKE.
- GAS PIPING BASED ON 2 PSI GAS PRESSURE. VERIFY ALL GAS LINES SIZES WITH GAS COMPANY.
- ALL GAS PIPING TO BE BLACK STEEL PIPING WITH PROTECTIVE PAINT.
- GAS FURNACES ARE TO BE PROVIDED WITH COMBUSTION AIR IN ACCORDANCE WITH MECHANICAL CODE.
- SEALED COMBUSTION GAS FURNACES AND/OR WATER HEATERS ARE TO BE EQUIPPED WITH A CONCENTRIC PVC VENT. VENT TO BE SIZED PER MANUFACTURERS SPECIFICATIONS.
- GAS REGULATORS FOR HVAC EQUIPMENT TO BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.
- FINAL UTILITY CONNECTIONS (GAS, ELECTRIC, ETC.) TO EQUIPMENT SHALL BE MADE BY THE CONTRACTOR INSTALLING THE EQUIPMENT REQUIRING THE UTILITIES.
- DUCT DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW THE INTENT OF THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY ADDITIONAL TRANSITIONS, OFFSETS, OR TURNS, IN THE DUCTWORK AND/OR PIPING, NOT SHOWN BUT REQUIRED FOR A COMPLETE AND OPERATING SYSTEM.
- ALL DUCTWORK SHALL BE INSTALLED TIGHT AGAINST THE STRUCTURE UNLESS OTHERWISE NOTED OR SHOWN.
- AIR DISTRIBUTION LOCATIONS SHOWN ON MECHANICAL PLANS ARE APPROXIMATE. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR ACTUAL LOCATIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS OF WALLS AND PARTITIONS AND FOR PARTITION THICKNESS AND CONSTRUCTION MATERIALS.
- PRESSURE REGULATORS FOR GAS KITCHEN EQUIPMENT TO BE PROVIDED BY AND INSTALLED BY CONTRACTOR INSTALLING THE GAS PIPING.
- ELECTRICAL POWER REQUIREMENTS ARE BASED ON MANUFACTURER'S PUBLISHED DATA. IF ACTUAL UNIT IS A DIFFERENT MANUFACTURER OR THE ACTUAL PURCHASED UNIT(S) OTHERWISE HAVE DIFFERENT ELECTRICAL LOAD (MCA) OR CIRCUIT BREAKER (MCB) REQUIREMENTS THAN WHAT IS PUBLISHED ON THE DRAWING SCHEDULE, THE MECHANICAL CONTRACTOR MUST SUBMIT THE CORRECT DATA IN WRITING TO THE GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR (IF KNOWN). IT IS THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE GC AND ELECTRICAL CONTRACTOR ARE NOTIFIED OF CHANGES IN THE MECHANICAL EQUIPMENT, WHICH WILL CHANGE THE ELECTRICAL WIRING, BREAKER SIZES OR QUANTITY OF CIRCUITS.



**MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT METHOD OF COMPLIANCE**

PREScriptive	ENERGY COST BUDGET
THERMAL ZONE 4	
EXTERIOR DESIGN CONDITIONS	
WINTER DRY BULB	15 °F
SUMMER DRY BULB	90 °F
INTERIOR DESIGN CONDITIONS	
WINTER DRY BULB	68 °F
SUMMER DRY BULB	78 °F
RELATIVE HUMIDITY	50 %
BUILDING HEATING LOAD	1,453,538 BTU/HR
BUILDING COOLING LOAD	101.45 TONS
MECHANICAL SPACING CONDITIONING SYSTEM	
UNITARY	ROOF TOP GAS PACKS
DESCRIPTION OF UNIT	
HEATING EFFICIENCY	
COOLING EFFICIENCY	
HEATING OUTPUT OF UNIT	1,686,200 BTU/HR
COOLING OUTPUT OF UNIT	106 TONS
LIST EQUIPMENT EFFICIENCIES	
EQUIPMENT SCHEDULES WITH MOTORS (MECHANICAL SYSTEM)	
MOTOR HORSEPOWER	HP
NUMBER OF PHASES	Ø
MINIMUM EFFICIENCY	%
MOTOR TYPE	
# OF POLES	
DESIGNER STATEMENT:	
TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT REQUIREMENTS OF NORTH CAROLINA STATE BUILDING CODES.	

**SYMBOLS & ABBREVIATIONS LEGEND**

SYMBOL	DESCRIPTION
⊕	THERMOSTAT
⊠	CEILING SUPPLY DIFFUSER
⊡	CEILING RETURN GRILLE
FD	FIRE DAMPER
	SIDEWALL SUPPLY DIFFUSER
	SIDEWALL RETURN OR EXHAUST GRILLE
⊠	SUPPLY DUCT SECTION
⊡	RETURN DUCT SECTION
CFM	CUBIC FEET PER MINUTE
— · —	NATURAL GAS
	UNION
Ø	DIAMETER OR POWER PHASE
O.A.	OUTSIDE AIR
R.A.	RETURN AIR
S.A.	SUPPLY AIR
A.F.F.	ABOVE FINISHED FLOOR
⊕	EXHAUST FAN
⊕	DUCT MOUNTED SMOKE DETECTOR

**WALL LEGEND**

SYMBOL	DESCRIPTION
▨	1-HOUR RATED FIRE WALL
▩	3-HOUR RATED FIRE WALL

**FIRST FLOOR MECHANICAL PLAN**  
SCALE: 1/8" = 1'-0"

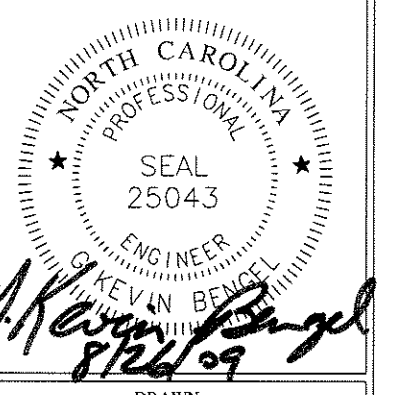
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961-F Burlington Ave.  
Gibsonville, N.C. 27249  
Phone: (336) 449-4558  
Fax: (336) 449-5732  
www.ace-nc.net

**DODSON & CHATMAN CONSTRUCTION, INC.**  
3246 ANTHONY CRT. S.  
BURLINGTON, NC 27215  
PHONE: (336) 229-0539  
FAX: (336) 229-5822

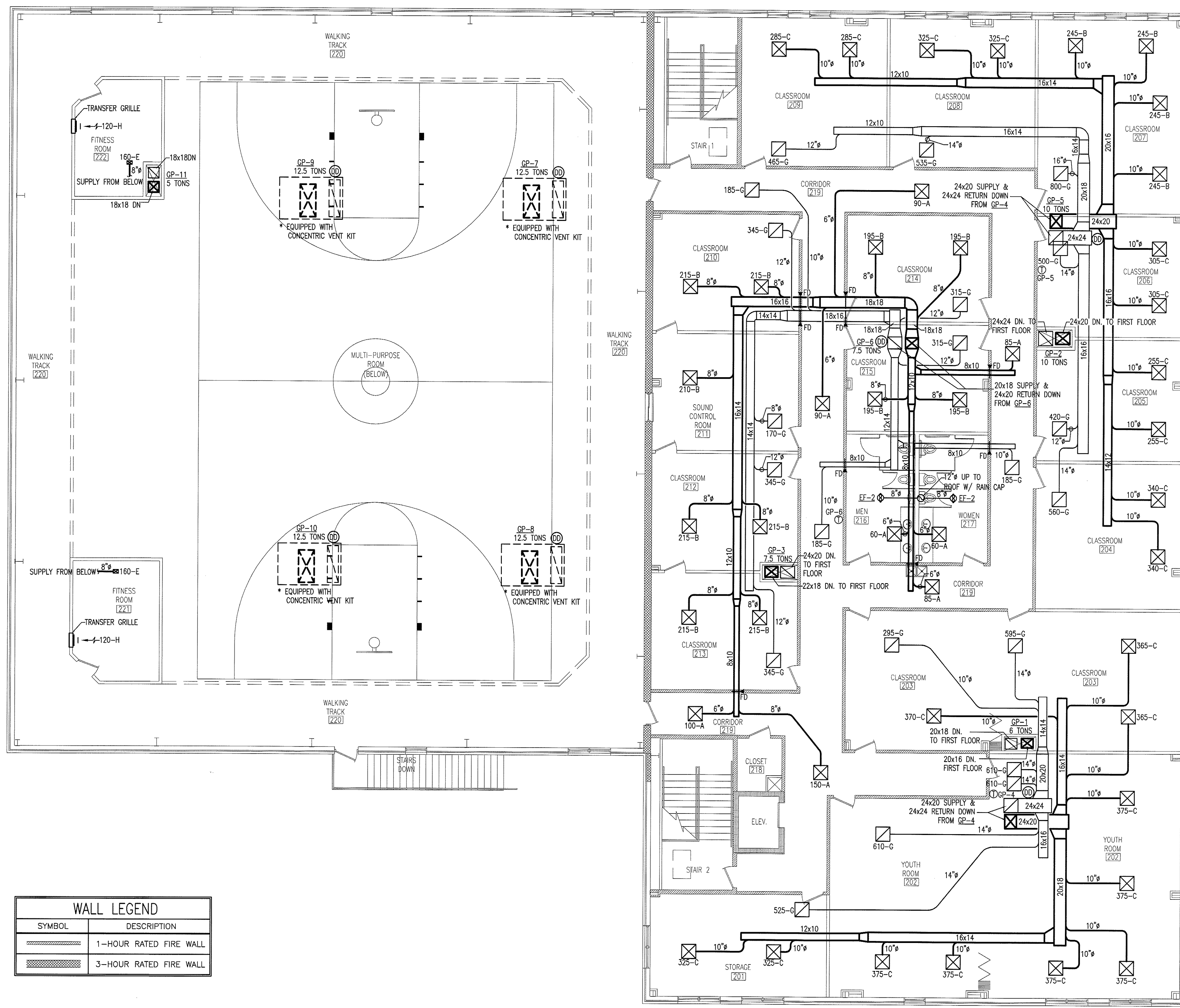
**NEW BUILDING FACILITY:**  
**CENTRAL BAPTIST CHURCH**  
Oak Ridge, North Carolina

DRAWING NAME:  
**FIRST FLOOR MECHANICAL PLAN**



DRAWN: MJW  
CHECKED: [Signature]  
DATE: 8/26/09  
SCALE: AS NOTED  
JOB NO: 9076  
SHEET

**M-1**



WALL LEGEND	
SYMBOL	DESCRIPTION
	1-HOUR RATED FIRE WALL
	3-HOUR RATED FIRE WALL

1 SECOND FLOOR MECHANICAL PLAN  
 M-2 SCALE: 1/8" = 1'-0"

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 961-F Burlington Ave.  
 Gibsonville, N.C. 27249  
 Phone: (336) 449-4558  
 Fax: (336) 449-5732  
 www.ace-net.net

**DODSON & CHATMAN CONSTRUCTION, INC.**  
 324E ANTHONY CRT. S.  
 BURLINGTON, NC 27215  
 PHONE: (336) 229-0539  
 FAX: (336) 229-5822

NEW BUILDING FACILITY:  
**CENTRAL BAPTIST CHURCH**  
 Oak Ridge, North Carolina

DRAWING NAME:  
 SECOND FLOOR MECHANICAL PLAN

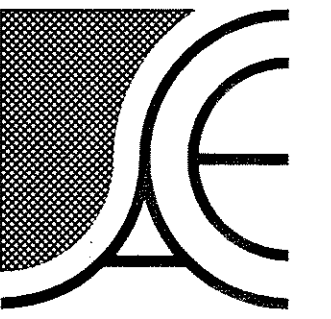
ENGINEER  
 KEVIN D. BENGÉ  
 8/26/09

DRAWN: MJW  
 CHECKED: [Signature]  
 DATE: 8/26/09  
 SCALE: AS NOTED  
 JOB NO.: 9076  
 SHEET:

**M-2**







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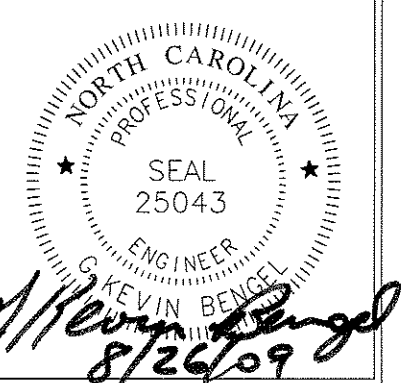
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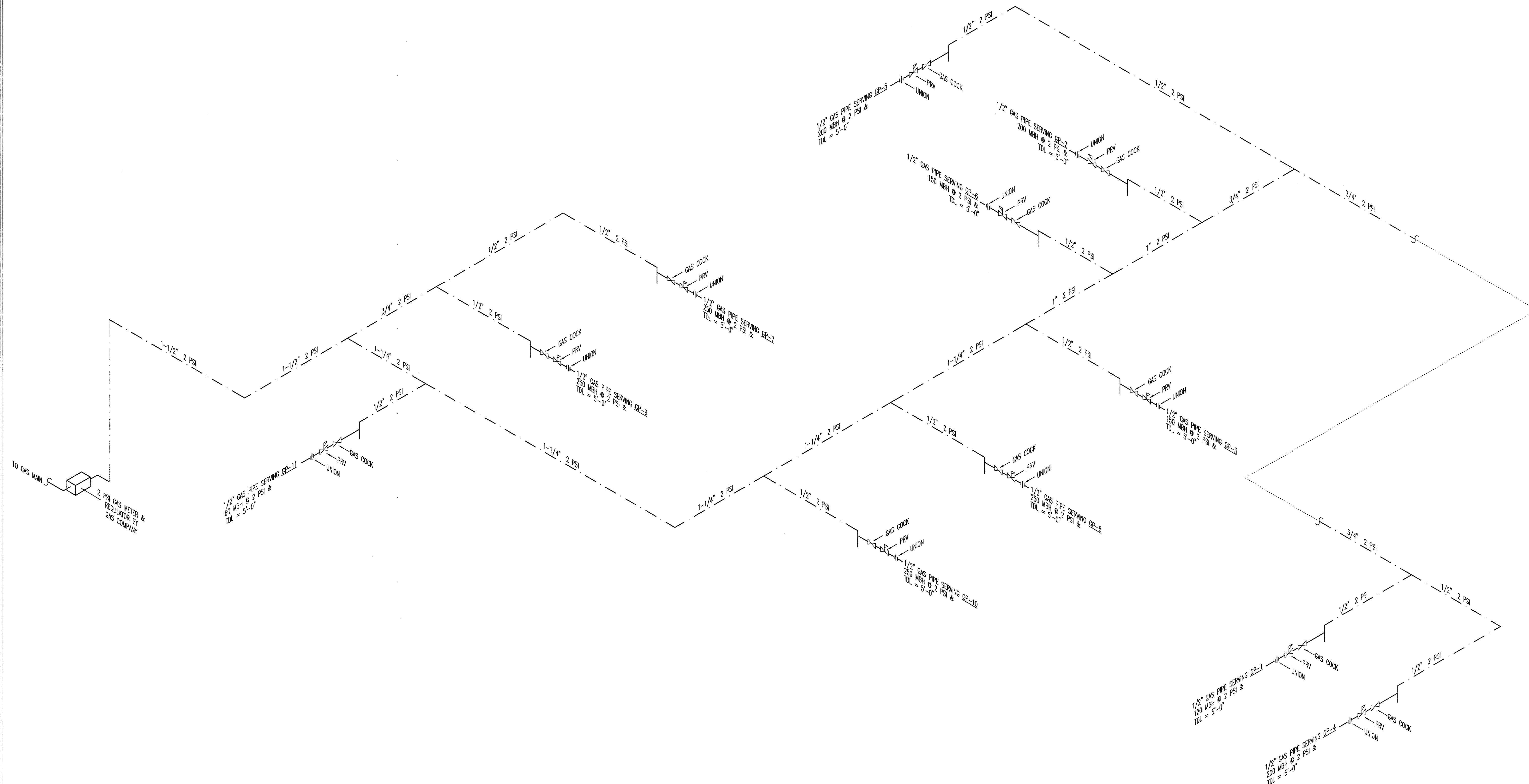
NEW BUILDING FACILITY:  
**CENTRAL BAPTIST CHURCH**  
Oak Ridge, North Carolina

DRAWING NAME  
**GAS PIPING PLAN**

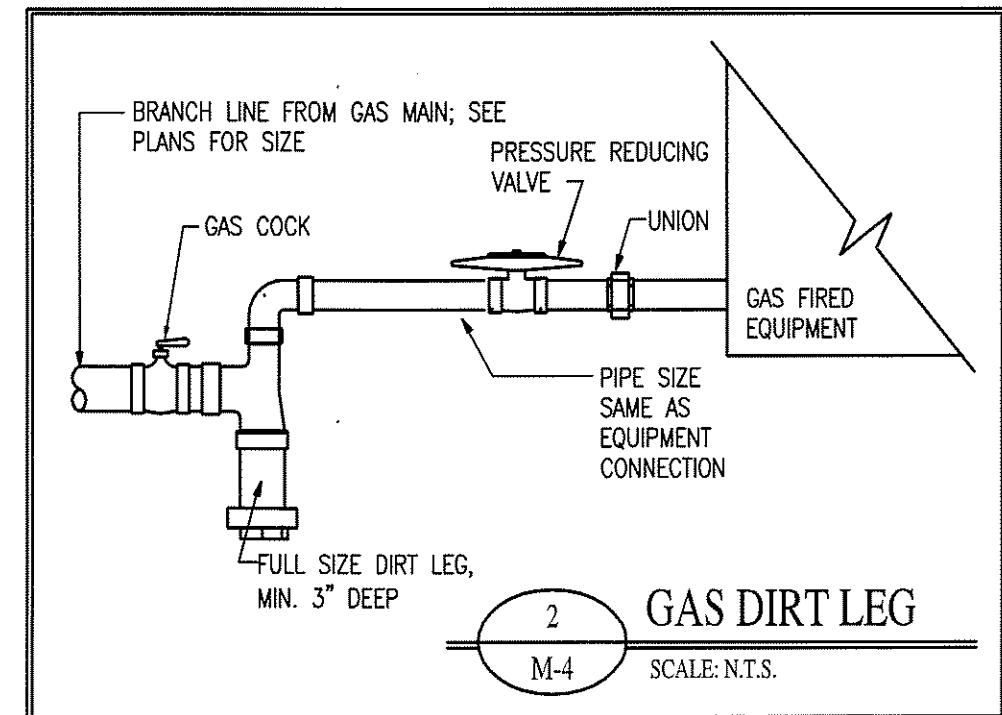


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MJW  
CHECKED  
MK  
DATE  
8/26/09  
SCALE  
AS NOTED  
JOB NO.  
9076  
SHEET

**M-4**



GAS EQUIPMENT SCHEDULE		
MARK	DESCRIPTION	BTU/hr. INPUT
GP-1	ROOF TOP UNIT	120,000
GP-2	ROOF TOP UNIT	200,000
GP-3	ROOF TOP UNIT	150,000
GP-4	ROOF TOP UNIT	200,000
GP-5	ROOF TOP UNIT	200,000
GP-6	ROOF TOP UNIT	150,000
GP-7	ROOF TOP UNIT	250,000
GP-8	ROOF TOP UNIT	250,000
GP-9	ROOF TOP UNIT	250,000
GP-10	ROOF TOP UNIT	250,000
GP-11	ROOF TOP UNIT	60,000
TOTAL		2,080,000
		③ 300' T.D.L.



1  
GAS PIPING  
RISER DIAGRAM  
SCALE: N.T.S.

OUTSIDE AIR CALCULATIONS - GP-1							
OCCUPANCY CLASSIFICATION (PER TABLE 403.3)	NET (GROSS) SQUARE FOOTAGE	OCCUPANCY LOAD PERSONS PER 1,000 S.F.	CALCULATED # OF PEOPLE	OUTSIDE AIR REQUIRED PER PERSON (CFM)	OUTSIDE AIR REQUIRED PER S.F. (CFM)	OUTSIDE AIR REQUIRED (CFM)	OUTSIDE AIR PROVIDED (CFM)
RECEPTION	111	7	1	20	-	20	20
PASTOR'S OFFICE	234	7	1	20	-	20	20
LOBBY	(428)	-	-	-	0.05	21	25
CONFERENCE ROOM	350	50	17	20	-	340	340
ASSOCIATE PASTOR'S OFFICE	178	7	1	20	-	20	20
CORRIDOR	(368)	-	-	-	0.05	18	20
ELEC./WORK ROOM	145	-	-	-	0.15	22	25
OFFICE 106	139	7	1	20	-	20	20
OFFICE 107	139	7	1	20	-	20	20
TOTAL OUTSIDE AIR						501	510

OUTSIDE AIR CALCULATIONS - GP-2							
OCCUPANCY CLASSIFICATION (PER TABLE 403.3)	NET (GROSS) SQUARE FOOTAGE	OCCUPANCY LOAD PERSONS PER 1,000 S.F.	CALCULATED # OF PEOPLE	OUTSIDE AIR REQUIRED PER PERSON (CFM)	OUTSIDE AIR REQUIRED PER S.F. (CFM)	OUTSIDE AIR REQUIRED (CFM)	OUTSIDE AIR PROVIDED (CFM)
CLASSROOM 120	191	50	10	*7.5	-	75	75
CLASSROOM 121	191	50	10	*7.5	-	75	75
CLASSROOM 122	191	50	10	*7.5	-	75	75
CLASSROOM 123	279	50	14	*7.5	-	105	105
CORRIDOR	(829)	-	-	-	0.05	41	45
CLASSROOM 124	193	50	10	*7.5	-	75	75
CLASSROOM 125	193	50	10	*7.5	-	75	75
CHILDRENS CHURCH 126	578	50	29	*7.5	-	218	220
TOTAL OUTSIDE AIR						739	745

OUTSIDE AIR CALCULATIONS - GP-3							
OCCUPANCY CLASSIFICATION (PER TABLE 403.3)	NET (GROSS) SQUARE FOOTAGE	OCCUPANCY LOAD PERSONS PER 1,000 S.F.	CALCULATED # OF PEOPLE	OUTSIDE AIR REQUIRED PER PERSON (CFM)	OUTSIDE AIR REQUIRED PER S.F. (CFM)	OUTSIDE AIR REQUIRED (CFM)	OUTSIDE AIR PROVIDED (CFM)
CORRIDOR 3	(821)	-	-	-	0.05	41	45
KITCHEN 114	368	20	8	15	-	120	120
STORAGE 115	644	-	-	-	0.15	97	100
CLASSROOM 119	191	50	10	*7.5	-	75	75
CHOIR ROOM 116	369	50	19	*10	-	190	190
TOTAL OUTSIDE AIR						523	530

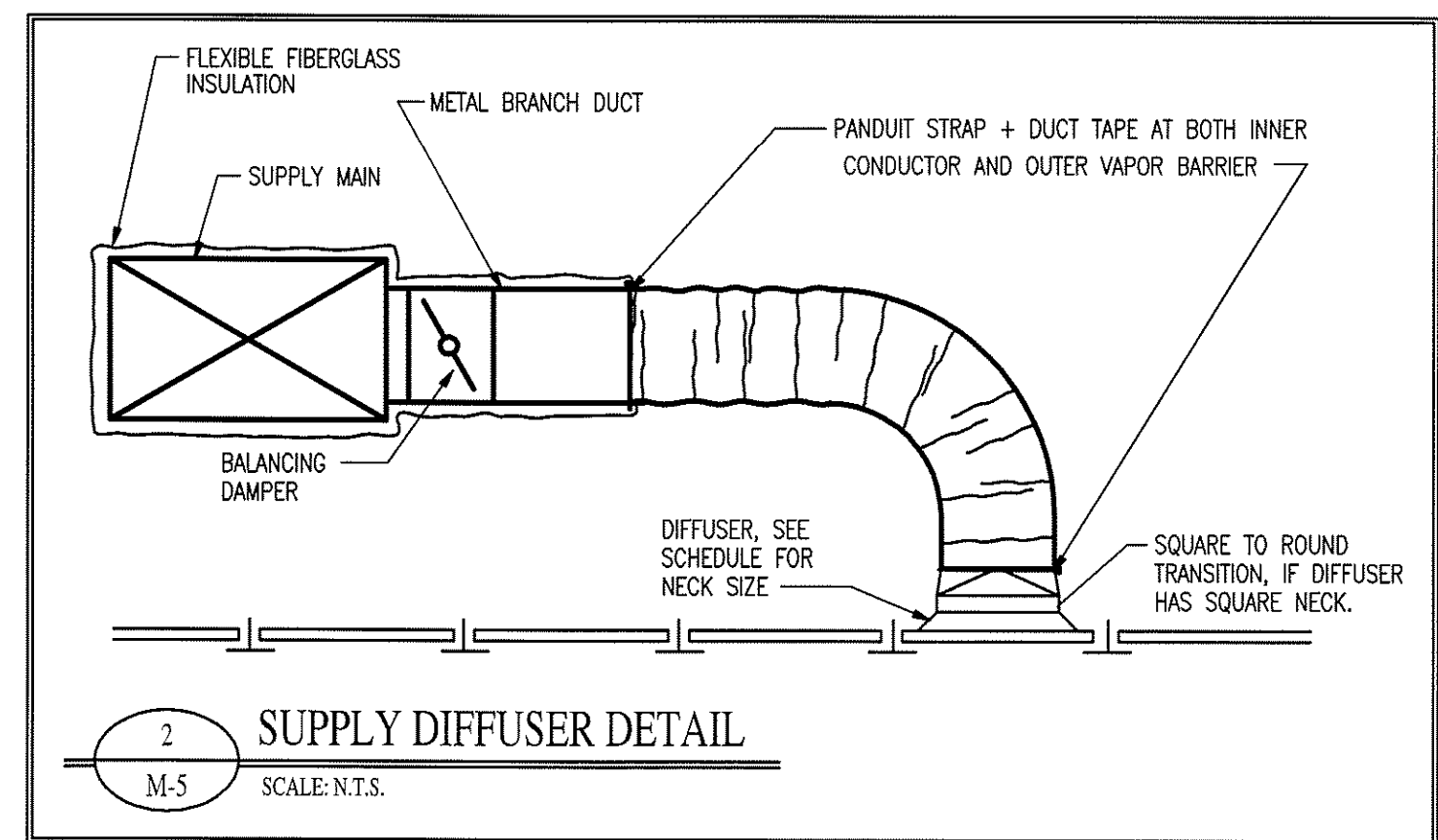
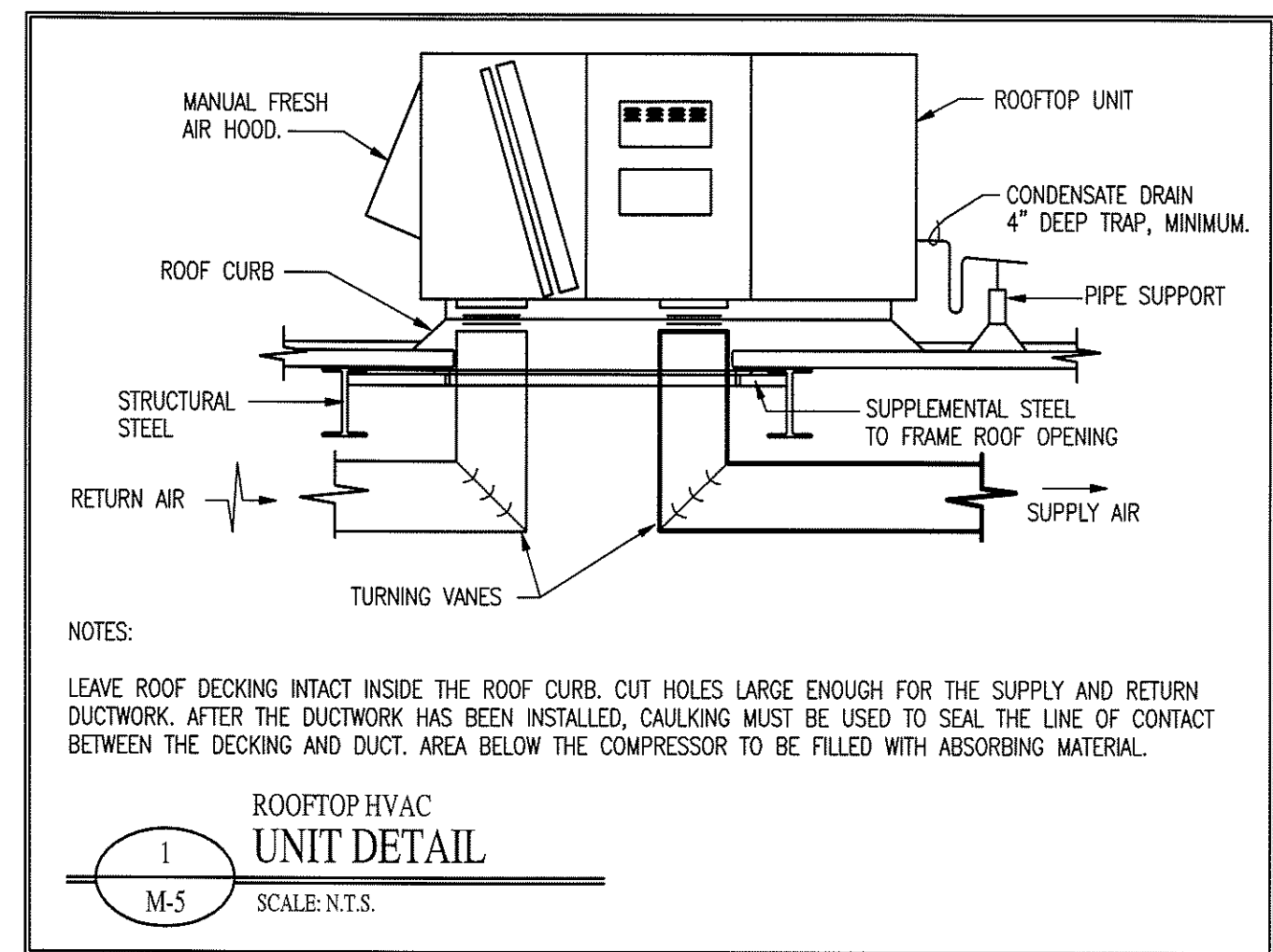
OUTSIDE AIR CALCULATIONS - GP-4							
OCCUPANCY CLASSIFICATION (PER TABLE 403.3)	NET (GROSS) SQUARE FOOTAGE	OCCUPANCY LOAD PERSONS PER 1,000 S.F.	CALCULATED # OF PEOPLE	OUTSIDE AIR REQUIRED PER PERSON (CFM)	OUTSIDE AIR REQUIRED PER S.F. (CFM)	OUTSIDE AIR REQUIRED (CFM)	OUTSIDE AIR PROVIDED (CFM)
YOUTH ROOM 202	1169	50	59	*7.5	-	443	445
CLASSROOM 203	701	50	35	*7.5	-	263	265
STORAGE 201	277	-	-	-	0.15	42	45
TOTAL OUTSIDE AIR						748	755

OUTSIDE AIR CALCULATIONS - GP-5							
OCCUPANCY CLASSIFICATION (PER TABLE 403.3)	NET (GROSS) SQUARE FOOTAGE	OCCUPANCY LOAD PERSONS PER 1,000 S.F.	CALCULATED # OF PEOPLE	OUTSIDE AIR REQUIRED PER PERSON (CFM)	OUTSIDE AIR REQUIRED PER S.F. (CFM)	OUTSIDE AIR REQUIRED (CFM)	OUTSIDE AIR PROVIDED (CFM)
CLASSROOM 204	317	50	16	*7.5	-	120	120
CLASSROOM 205	263	50	13	*7.5	-	98	100
CLASSROOM 206	263	50	13	*7.5	-	98	100
CLASSROOM 207	422	50	21	*7.5	-	158	160
CLASSROOM 208	320	50	16	*7.5	-	120	120
CLASSROOM 209	322	50	16	*7.5	-	120	120
TOTAL OUTSIDE AIR						714	720

OUTSIDE AIR CALCULATIONS - GP-6							
OCCUPANCY CLASSIFICATION (PER TABLE 403.3)	NET (GROSS) SQUARE FOOTAGE	OCCUPANCY LOAD PERSONS PER 1,000 S.F.	CALCULATED # OF PEOPLE	OUTSIDE AIR REQUIRED PER PERSON (CFM)	OUTSIDE AIR REQUIRED PER S.F. (CFM)	OUTSIDE AIR REQUIRED (CFM)	OUTSIDE AIR PROVIDED (CFM)
CLASSROOM 210	256	50	13	*7.5	-	98	100
SOUND CONTROL ROOM 211	254	7	2	20	-	40	40
CLASSROOM 212	254	50	13	*7.5	-	98	100
CLASSROOM 213	254	50	13	*7.5	-	98	100
CLASSROOM 215	225	50	12	*7.5	-	90	90
CLASSROOM 214	225	50	12	*7.5	-	90	90
CORRIDOR 1	(915)	-	-	-	0.05	46	50
CORRIDOR 2	(742)	-	-	-	0.05	37	40
TOTAL OUTSIDE AIR						597	610

OUTSIDE AIR CALCULATIONS - GP-7 THROUGH GP-10							
OCCUPANCY CLASSIFICATION (PER TABLE 403.3)	NET (GROSS) SQUARE FOOTAGE	OCCUPANCY LOAD PERSONS PER 1,000 S.F.	CALCULATED # OF PEOPLE	OUTSIDE AIR REQUIRED PER PERSON (CFM)	OUTSIDE AIR REQUIRED PER S.F. (CFM)	OUTSIDE AIR REQUIRED (CFM)	OUTSIDE AIR PROVIDED (CFM)
MULTI-PURPOSE ROOM 128	7023	20	140	*7.5	-	1050	1050
TOTAL OUTSIDE AIR						1050	1050

OUTSIDE AIR CALCULATIONS - GP-11							
OCCUPANCY CLASSIFICATION (PER TABLE 403.3)	NET (GROSS) SQUARE FOOTAGE	OCCUPANCY LOAD PERSONS PER 1,000 S.F.	CALCULATED # OF PEOPLE	OUTSIDE AIR REQUIRED PER PERSON (CFM)	OUTSIDE AIR REQUIRED PER S.F. (CFM)	OUTSIDE AIR REQUIRED (CFM)	OUTSIDE AIR PROVIDED (CFM)
DRESSING ROOM 129	107	-	-	-	0.2	22	25
STAGE	539	70	39	*7.5	-	293	295
DRESSING ROOM 130	107	-	-	-	0.2	22	25
STAGE CORRIDOR	(587)	-	-	-	0.05	29	30
FITNESS ROOM 221	156	20	3	15	-	45	45
FITNESS ROOM 222	151	20	3	15	-	45	45
TOTAL OUTSIDE AIR						456	465



UNIT HEATER SCHEDULE						
MARK	MANUFACTURER	MODEL NO.	BTUH	WATTS	POWER	AMPS
UH-1	QMARK	WHT-500	1,708	500	120V/1Ø	4.2

DUCTLESS SPLIT AIR CONDITIONING SYSTEM													
MARK	MANUFACTURER	INDOOR UNIT				OUTDOOR UNIT				FAN DATA		COOLING CAPACITY	
		MODEL NO.	POWER	MCA	MCB	MODEL NO.	POWER	MCA	MCB	AIR FLOW (CFM)	MOTOR SIZE (H.P.)	TOTAL (BTUH)	MIN. EFF.
FC-1/CU-1	DAIKIN	MS-A09WA	115/1Ø	1.2	20	MU-A09WA	115/1Ø	14	20	335	0.63	9,500	13 SEER

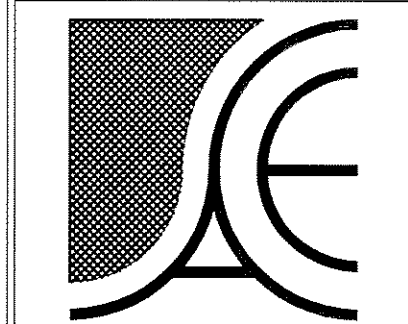
AIR DISTRIBUTION SCHEDULE										
MARK	MANUFACTURER	NECK SIZE	PANEL SIZE	CFM RANGE	USE	TYPE	MODEL	MATERIAL	FILTER SIZE	
A	E.H. PRICE	6"Ø	24x24	0-150	SUPPLY	STAMPED LOUVER FACE	SCD	STEEL	-	
B	E.H. PRICE	8"Ø	24x24	151-250	SUPPLY	STAMPED LOUVER FACE	SCD	STEEL	-	
C	E.H. PRICE	10"Ø	24x24	251-375	SUPPLY	STAMPED LOUVER FACE	SCD	STEEL	-	
D	E.H. PRICE	12"Ø	24x24	376-550	SUPPLY	STAMPED LOUVER FACE	SCD	STEEL	-	
E	E.H. PRICE	-	9x6	0-180	SUPPLY	LOWER FACE DIRECTIONAL DIFFUSER	SMD	STEEL	-	
F	E.H. PRICE	-	15x6	251-310	SUPPLY	LOWER FACE DIRECTIONAL DIFFUSER	SMD	STEEL	-	
G	E.H. PRICE	22x22	24x24	0-1600	RETURN	NON-FILTERED RETURN GRILLE	PDDR	STEEL	-	
H	E.H. PRICE	22x22	10x10	0-300	RETURN	NON-FILTERED RETURN GRILLE	530	STEEL	-	

EXHAUST FAN SCHEDULE										
MARK	MANUFACTURER	MODEL	TYPE	CFM	SP	MOTOR	POWER	SONES	WATTS	CONTROL
EF-1	GREENHECK	SP-B80	CEILING EXHAUST	75	0.125" W.G.	FHP	120V/1Ø	2.9	54	WALL SWITCH
EF-2	GREENHECK	SP-A250	CEILING EXHAUST	225	0.125" W.G.	FHP	120V/1Ø	3.0	83	WALL SWITCH

PACKAGED GAS UNIT SCHEDULE																	
MARK	MANUFACTURER	MODEL NO.	TONS	POWER	MCA	MCB	FAN DATA					COOLING CAPACITY			HEATING CAPACITY		
							AIR FLOW (CFM)	R.A. FLOW (CFM)	O.A. FLOW (CFM)	E.S.P. (IN. W.G.)	MOTOR SIZE (H.P.)	SENSIBLE (BTUH)	TOTAL (BTUH)	MIN. EFF.	INPUT (BTUH)	OUTPUT (BTUH)	MIN. EFF.
GP-1	TRANE	YSC072A4	6	460/3Ø	17.6	25	2400	1890	510	0.50	0.70	53,600	72,000	10.3 SEER	120,000	97,200	81%
GP-2	TRANE	YSC120A4	10	460/3Ø	26.9	35	4000	3255	745	0.70	0.75	93,000	118,000	10.4 SEER	200,000	162,000	81%
GP-3	TRANE	YSC090A4	7.5	460/3Ø	22.6	35	3000	2470	530	0.70	0.70	71,800	95,000	10.3 SEER	150,000	121,500	81%
GP-4	TRANE	YSC120A4	10	460/3Ø	26.9	35	4000	3245	755	0.70	0.75	93,000	118,000	10.4 SEER	200,000	162,000	81%
GP-5	TRANE	YSC120A4	10	460/3Ø	26.9	35	4000	3280	720	0.70	0.75	93,000	118,000	10.4 SEER	200,000	162,000	81%
GP-6	TRANE	YSC090A4	7.5	460/3Ø	22.6	35	3000	2390	610	0.70	0.70	71,800	95,000	10.3 SEER	150,000	121,500	81%
GP-7	TRANE	YCD150C4*	12.5	460/3Ø	33	40	5000	4740	280	0.70	3.0	106,000	149,000	9.8 EER	250,000	203,000	81%
GP-8	TRANE	YCD150C4*	12.5	460/3Ø	33	40	5000	4740	280	0.70	3.0	106,000	149,000	9.8 EER	250,000	203,000	81%
GP-9	TRANE	YCD150C4*	12.5	460/3Ø	33	40	5000	4735	285	0.70	3.0	106,000	149,000	9.8 EER	250,000	203,000	81%
GP-10	TRANE	YCD150C4*	12.5	460/3Ø	33	40	5000	4735	285	0.70	3.0	106,000	149,000	9.8 EER	250,000	203,000	81%
GP-11	TRANE	YSC060A4	5	460/3Ø	16	25	2000	1535	465	0.50	0.75	48,200	63,100	10.2 SEER	60,000	48,000	81%

ALL UNITS TO BE EQUIPPED WITH ON-BOARD BREAKER OR FUSED DISCONNECT  
 ALL UNITS TO BE EQUIPPED WITH ON-BOARD CONVENIENCE RECEPTACLES, FACTORY ROOF CURBS, AND OUTSIDE AIR DAMPERS  
 \* UNIT TO BE EQUIPPED WITH CONCENTRIC VENT KIT

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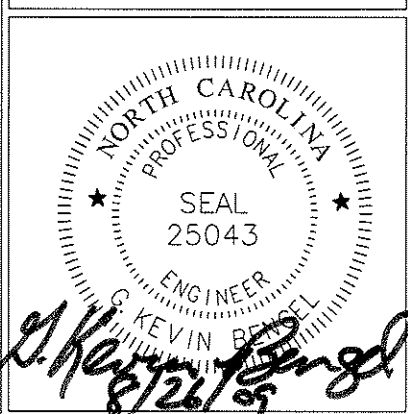
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Gibsonville, N.C. 27249  
Phone: (336) 449-4558  
Fax: (336) 449-5732  
www.ace-nc.net

**DODSON & CHATMAN CONSTRUCTION, INC.**  
 3246 ANTHONY CRT. S.  
 BURLINGTON, NC 27215  
 PHONE: (336) 229-0539  
 FAX: (336) 229-9822

NEW BUILDING FACILITY:  
**CENTRAL BAPTIST CHURCH**  
 Oak Ridge, North Carolina

DRAWING NAME  
**MECHANICAL NOTES & DETAILS**



DATE: 8/20/09  
 SCALE: AS NOTED  
 JOB NO.: 9076  
 SHEET

**M-5**