

LUTTRELL ELEMENTARY SCHOOL
A/C CORRIDORS
LEGENDS, SCHEDULES AND DETAILS



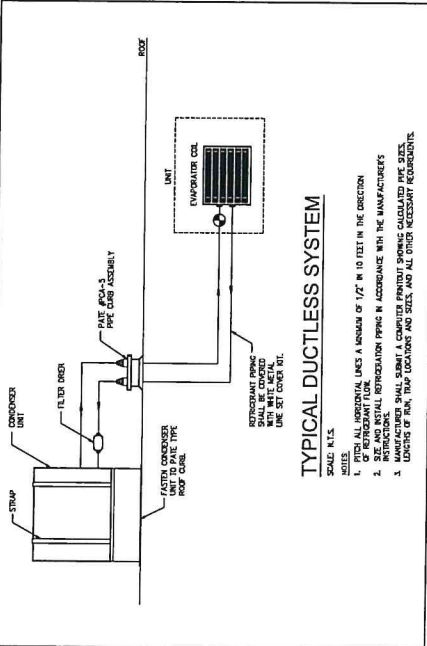
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REVISIONS:

M1

HIGH WALL DUCTLESS SYSTEM SCHEDULE

DRAWING SYMBOL	ON SETTINGS	ON CA	COOLING (BTU/H)	TOTAL COOLING CAPACITY (BTU/H)	AVG. FLOOR AREA (SQ. FT.)	AVG. CEILING HEIGHT (FT.)	TOTAL COOLING CAPACITY (BTU/H)	WARRANTY PERIOD (YRS)	MANUFACTURER	COND. UNIT	
										AIR UNIT	COND. UNIT
(S1)	644-322-417-332-256	--	22,000	22,000	14.0	15.0	206/1	121	MITSUBISHI	MITSUBISHI	MITSUBISHI
(S2)	644-322-417-332-258	--	22,000	22,000	14.0	15.0	206/1	121	MITSUBISHI	MITSUBISHI	MITSUBISHI
(S3)	644-322-417-332-258	--	22,000	22,000	14.0	15.0	206/1	121	MITSUBISHI	MITSUBISHI	MITSUBISHI
(S4)	381-304-221-167-157	--	10,000	10,000	14.0	15.0	206/1	121	MITSUBISHI	MITSUBISHI	MITSUBISHI
(S5)	644-322-417-332-258	--	22,000	22,000	14.0	15.0	206/1	121	MITSUBISHI	MITSUBISHI	MITSUBISHI
(S6)	644-322-417-332-258	--	22,000	22,000	14.0	15.0	206/1	121	MITSUBISHI	MITSUBISHI	MITSUBISHI
(S7)	644-322-417-332-258	--	22,000	22,000	14.0	15.0	206/1	121	MITSUBISHI	MITSUBISHI	MITSUBISHI
(S8)	644-322-417-332-258	--	22,000	22,000	14.0	15.0	206/1	121	MITSUBISHI	MITSUBISHI	MITSUBISHI
(S9)	644-322-417-332-258	--	22,000	22,000	14.0	15.0	206/1	121	MITSUBISHI	MITSUBISHI	MITSUBISHI
(S10)	644-322-417-332-258	--	22,000	22,000	14.0	15.0	206/1	121	MITSUBISHI	MITSUBISHI	MITSUBISHI

CONDENSERS AND REFRIGERANT INSTALLATION SHALL BE IN ACCORDANCE WITH THE FOLLOWING NOTES:
 1. CONDENSERS SHALL BE INSTALLED OUTSIDE THE BUILDING.
 2. CONDENSERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE AIR FLOW AND PROTECTION FROM DIRECT SUNLIGHT.
 3. CONDENSERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM VIBRATION AND NOISE.
 4. CONDENSERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM CORROSION.
 5. CONDENSERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM HAIL AND OTHER WEATHER CONDITIONS.
 6. CONDENSERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM THEFT AND VANDALISM.
 7. CONDENSERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM OTHER HAZARDOUS CONDITIONS.
 8. CONDENSERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM OTHER UNDESIRABLE CONDITIONS.
 9. CONDENSERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM OTHER UNDESIRABLE CONDITIONS.
 10. CONDENSERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM OTHER UNDESIRABLE CONDITIONS.



ELECTRIC HEATER SCHEDULE

DRAWING SYMBOL	TYPE	LOCATION	WV	CV	WV/PM	AIR THERM	AMP	MANUFACTURER	MODEL	NOTES
(E1)	HEATER	LOBBY	5.0	400	206/1	12"-C	24.1	MARCEL	3100	SEE BELOW

MANUFACTURER:
 1. MARCEL IS BASED ON DESIGN PROVIDED. COMPATIBLE UNITS BY MARCEL, MARXER, OR APPROVED SUBSTITUTE.
 2. ALL LAMPED HEATERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 3. HEATERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM VIBRATION AND NOISE.
 4. HEATERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM CORROSION.
 5. HEATERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM HAIL AND OTHER WEATHER CONDITIONS.
 6. HEATERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM THEFT AND VANDALISM.
 7. HEATERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM OTHER HAZARDOUS CONDITIONS.
 8. HEATERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM OTHER UNDESIRABLE CONDITIONS.
 9. HEATERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM OTHER UNDESIRABLE CONDITIONS.
 10. HEATERS SHALL BE INSTALLED IN A LOCATION THAT PROVIDES ADEQUATE PROTECTION FROM OTHER UNDESIRABLE CONDITIONS.

MECHANICAL LEGEND

STANDARD ABBREVIATIONS AND NOTATIONS

CD CONDENSER
 CE CONDENSER
 CH CONDENSER
 CO CONDENSER
 CR CONDENSER
 CS CONDENSER
 CT CONDENSER
 CU CONDENSER
 CV CONDENSER
 CW CONDENSER
 CX CONDENSER
 CY CONDENSER
 CZ CONDENSER

EX EXHAUST FAN
 EXH EXHAUST FAN
 EXH2 EXHAUST FAN
 EXH3 EXHAUST FAN
 EXH4 EXHAUST FAN
 EXH5 EXHAUST FAN
 EXH6 EXHAUST FAN
 EXH7 EXHAUST FAN
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 EXH9 EXHAUST FAN
 EXH10 EXHAUST FAN

FLR FLOOR
 FLR2 FLOOR
 FLR3 FLOOR
 FLR4 FLOOR
 FLR5 FLOOR
 FLR6 FLOOR
 FLR7 FLOOR
 FLR8 FLOOR
 FLR9 FLOOR
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ROF ROOF
 ROF2 ROOF
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STP STRAP
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WIND WIND
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WTR WATER
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GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY ALL ROOMS TO BE PREPARED FOR THE INSTALLATION OF THE A/C SYSTEMS WITH THE FOLLOWING:
 - a. ROOMS SHALL BE CLEANED AND ALL MECHANICAL DRAWINGS TO BE SET OUT AND SHALL INCLUDE THE COST OF THE SAME IN HIS BID.
 - b. ROOMS SHALL BE VENTILATED AND ALL MECHANICAL DRAWINGS TO BE SET OUT AND SHALL INCLUDE THE COST OF THE SAME IN HIS BID.
 - c. ROOMS SHALL BE VENTILATED AND ALL MECHANICAL DRAWINGS TO BE SET OUT AND SHALL INCLUDE THE COST OF THE SAME IN HIS BID.
 - d. ROOMS SHALL BE VENTILATED AND ALL MECHANICAL DRAWINGS TO BE SET OUT AND SHALL INCLUDE THE COST OF THE SAME IN HIS BID.
2. CONTRACTOR SHALL NOT OBTAIN PERMISSION OF THE OWNER TO MAKE ANY CHANGES TO THE A/C SYSTEMS WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT.
3. CONTRACTOR SHALL VERIFY ALL ROOMS TO BE PREPARED FOR THE INSTALLATION OF THE A/C SYSTEMS WITH THE FOLLOWING:
 - a. ROOMS SHALL BE CLEANED AND ALL MECHANICAL DRAWINGS TO BE SET OUT AND SHALL INCLUDE THE COST OF THE SAME IN HIS BID.
 - b. ROOMS SHALL BE VENTILATED AND ALL MECHANICAL DRAWINGS TO BE SET OUT AND SHALL INCLUDE THE COST OF THE SAME IN HIS BID.
 - c. ROOMS SHALL BE VENTILATED AND ALL MECHANICAL DRAWINGS TO BE SET OUT AND SHALL INCLUDE THE COST OF THE SAME IN HIS BID.
 - d. ROOMS SHALL BE VENTILATED AND ALL MECHANICAL DRAWINGS TO BE SET OUT AND SHALL INCLUDE THE COST OF THE SAME IN HIS BID.

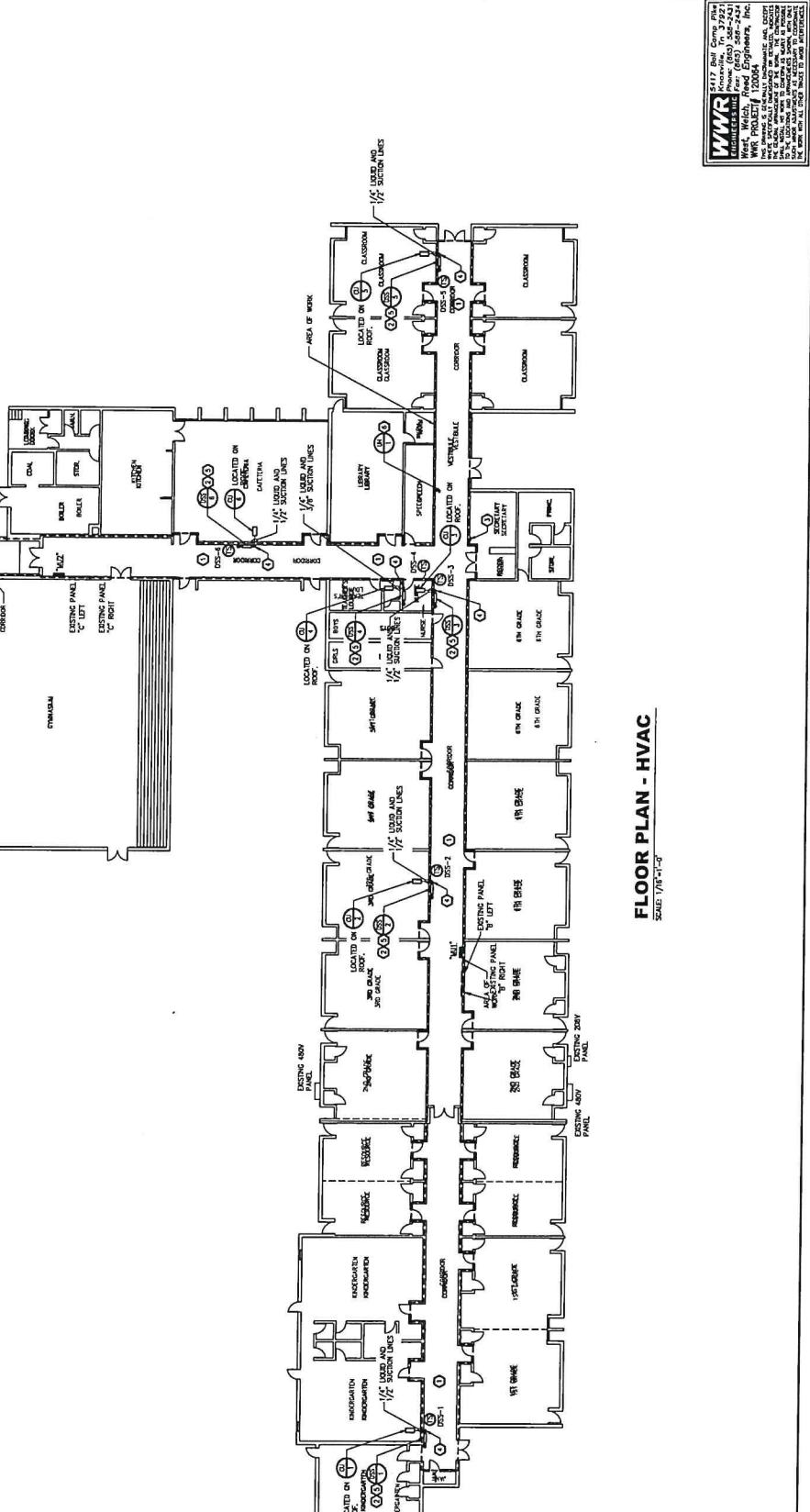
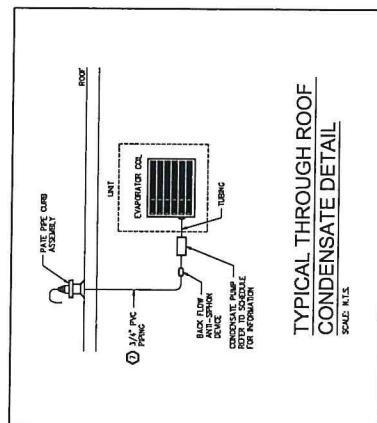
- KEY NOTES:**
1. COORDINATE ALL RETIREMENT AND CONDENSATE PIPING WITH EXISTING UTILITIES, SANITARY, MECHANICAL, ELECTRICAL, AND PLUMBING. ALL WORK TO BE DONE IN THESE AREAS SHALL BE DONE IN ACCORDANCE WITH THE A/C SYSTEMS MANUFACTURER'S RECOMMENDATIONS.
 2. 4-SPED AIRFLOW UNIT SHALL BE INSTALLED IN ALL ROOMS AS SHOWN ON THE DRAWINGS. THE AIRFLOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE A/C SYSTEMS MANUFACTURER'S RECOMMENDATIONS.
 3. PROVIDE AND INSTALL RETIREMENT TO LOCAL EXHAUSTED CONDENSATE IN ALL ROOMS AS SHOWN ON THE DRAWINGS.
 4. PIPING BELOW CEILING SHALL BE COVERED WITH WHITE LINE SET METAL COVER KIT.
 5. CONTRACTOR SHALL WHITE CONDENSATE FROM UNIT UP TO THE CEILING AND SHALL BE COVERED WITH WHITE LINE SET METAL COVER KIT.
 6. PIPING SHALL BE COVERED WITH WHITE METAL LINE SET COVER KIT.

EXISTING SYSTEM SEQUENCE OF OPERATION:

EXISTING SYSTEMS SHALL BE OPERATED AS FOLLOWS:

MONITOR SPACE TEMPERATURE VIA WALL MOUNTED SENSOR AND PROVIDE THE FOLLOWING:

- HIGH TEMPERATURE
- LOW TEMPERATURE



FLOOR PLAN - HVAC
SCALE: 1/8"=1'-0"

WWR ENGINEERS, INC.
11111 W. 111th St., Suite 500
Overland Park, KS 66213
Phone (913) 552-2421
Fax (913) 552-2422
www.wwr-engineers.com
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