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	ISSUED	DATE
	ISSUED	10/26/07

	REVISIONS	DATE
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Holiday Inn
MILLENNIUM

BOSSIER CITY,
LOUISIANA

ROUND FLOOR
PLAN - HVAC

10/26/07

BY

WITNESSED BY

NAME _____

ECT NO. _____

1507

CONCLUSIONS

GAS EQUIPMENT SCHEDULE

EQUIPMENT	MEW	QTY	TOTAL MEW
RTU-1	120	1	120
RTU-2	120	1	120
RTU-3	120	1	120
RTU-4	150	1	150
RTU-5	80	1	80
RTU-6	80	1	80
RTU-7	150	1	150
RTU-8	80	1	80
RTU-9	120	1	120
MAU-1	330	1	330
MAU-2	330	1	330
GDF-1	150	1	150
GDF-2	200	1	200
KITCHEN ITEM # 62	96	1	96
ITEM # 64	66	1	66
ITEM # 65	110	2	220
ITEM # 61	58	1	58
ITEM # 63	221	1	221
ITEM # 11	81	1	81
ITEM # 12	161	1	161
POOL EQUIPMENT	500	1	500
DRYER (1200)	300	3	900
DOMESTIC WATER HEATERS	800	3	2400
KITCHEN WATER HEATER	193	1	193
LAUNDRY WATER HEATER	193	1	193
FIREPLACE	80	1	80
TOTALS	-	-	1331

1. PROVIDE DIRTLEIN IN GAS MAIN LEAVING VALVE.
2. PROVIDE A DIRTLEIN, UNION, AND SHUT-OFF VALVE AT EACH EQUIPMENT CONNECTION.
3. PROVIDE GAS PIPE WITH 1/2" O.D. 10' MIN. SPACING. ALL GAS PIPES SHALL BE IDENTIFIED EVERY 10 FEET WITH LABELS AS MANUFACTURED BY SETON.
4. PROVIDE A U/L LISTED FLEX CONNECTOR AT EACH DRYER.
5. PROVIDE A SHUT-OFF VALVE FOR THE FIREPLACE PROVIDER.
6. PROVIDE THE FIREPLACE PROVIDER SHALL PROVIDE ALL CONTROLS AND ACCESSORIES, INCLUDING VENTING.
7. PROVIDE A VALVED CONNECTION FOR THE POOL SUBTRACTOR.
8. PROVIDE A HEATING EQUIPMENT SUPPLY BY THE POOL. SUB SHALL BE SEALED COMPLETION DESIGN.
9. PROVIDE A SOLENOID VALVE AT 60" AFT IN GAS DROP TO KITCHEN HOOD.
10. PROVIDE A FILL AND DRAIN VALVE FOR THE POOL. SUB SHALL PROVIDE A U/L LISTED FLEX CONNECT AT POOL. SUB EQUIPMENT.

GENERAL PROJECT NOTES

1. THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL LAYOUTS AND ROUTING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE DETAILED SHOP DRAWINGS AND CONFIRM SPACE ALLOCATIONS.
2. ALL WORK SHALL CONFORM TO THE MECHANICAL CODE, LOCAL AND STATE BUILDING CODES AND NFPA.
3. CONTRACTOR SHALL OBTAIN ALL FIELD APPROVALS AND PERMITS FROM GOVERNING AGENCIES AS REQUIRED.
4. CONTRACTOR SHALL PROVIDE ALL INTERNAL CONNECTIONS TO ALL OWNER FURNISHED EQUIPMENT. COORDINATE WITH EQUIPMENT SUPPLIER FOR ALL ROUGH-INS.
5. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR ALL VOLTAGES, ELECTRICAL LOADS, ETC. OF ALL ELECTRICALLY EQUIPPED EQUIPMENT PRIOR TO PROCEEDING.
6. CONTRACTOR SHALL COORDINATE WITH ARCH, STRUCTURAL, ELECTRICAL, SINKER AND ALL OTHER TRADES FOR PIPE ROUTING AND EQUIPMENT PLACEMENT; AVOID INTERFERENCE, NOTIFY ARCHITECT OF ANY CONFLICTS.
7. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND SUPPLIES, ALL VALVES AND EQUIPMENT, THE GENERAL CONTRACTOR SHALL INSTALL ACCESS PANELS.
8. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING ALL SLEEVES ETC. TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO STARTING ANY WORK.
9. THE SUBMISSION OF A BID OR PROPOSAL, SHALL BE CONSIDERED THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF WITH ALL PLANS, SPECS AND THE BUILDING SITE. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIAL OR LABOR DUE TO OMISSIONS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. UTILITY CONNECTIONS INDICATED ON THE PLANS ARE BASED ON BEST AVAILABLE INFO AVAILABLE TO THE ENGINEER AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
11. UPON COMPLETION OF THE WORK COVERED BY THIS CONTRACT TURNIN THE OLLATION WITH ONE COMPLETE SET OF REPRODUCIBLE AND ELECTRONIC "AS-BUILT" DRAWINGS WHICH SHOW ALL WORK NEEDED.
12. ALL OTHER DETAILS NOT SPECIFICALLY SPECIFIED BUT NECESSARY FOR THE PROPER INSTALLATION AND OPERATION SHALL BE INCLUDED AT NO EXTRA COST.
13. ALL EQUIPMENT SHALL BE INSTALLED COMPLETE, TESTED, ADJUSTED AND CLEANED.
14. CONTRACTOR SHALL PROVIDE 1 YEAR PARTS + LABOR WARRANTY FOR ALL NEW EQUIPMENT MATERIAL AND INSTALLATION.

15. CONTRACTOR SHALL PROVIDE 5 YEAR PARTS WARRANTY FOR ALL NEW COMPRESSORS
16. COORDINATE ALL AIR DISTRIBUTION PROVIDED WITH ARCHITECTURAL PLANS PRIOR TO PURCHASE.
17. FOR EACH MAINTENANCE AND PARTS REPLACEMENT, USE EQUIP. OF A SINGLE MANUFACTURER
18. PROVIDE FIRE DAMPERS WHERE INDICATED ON THE MECHANICAL PLANS AND WHERE REQUIRED BY RATED WALLS AND FLOOR AS INDICATED ON THE ARCH. PLANS.
19. FIRE DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 803A, 804A, AND LOCAL CODE.
20. ALL DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED STEEL METAL IN ACCORDANCE WITH 803A.
21. PROVIDE DETAILED SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION OF EQUIPMENT, DUCT, ETC.
22. DO NOT ALLOW ANY WORK TO BE COVERED UP UNTIL IT HAS BEEN INSPECTED, TESTED, AND APPROVED.
23. ALL EQUIPMENT AND MATERIAL SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
24. ALL CONSTRUCTION DIRT AND PACKAGING SHALL BE REMOVED FROM MATERIAL AND EQUIPMENT.
25. CONTRACTOR SHALL PROVIDE ALL SUPERVISION, LABOR, MATERIALS, TOOLS, AND ALL OTHER ITEMS NECESSARY TO COMPLETE THE MECHANICAL INSTALLATION.
26. CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES, OBTAIN ALL PERMITS, AND PAY ALL SALES, TAXES, FEES, AND OTHER COSTS INCLUDING UTILITY CONNECTIONS OR EXTENSIONS TO HIS CONNECTION.
27. CONTRACTOR SHALL FILE ALL NECESSARY PLANS, PREPARE ALL DOCUMENTS, AND OBTAIN ALL NECESSARY APPROVALS OF ALL AUTHORITIES HAVING JURISDICTION.
28. THE CONTRACTOR SHALL OBTAIN AND FURNISH TO THE OWNER ALL CERTIFICATES OF INSPECTION PRIOR TO REQUESTING ANY INSPECTION.
29. PROVED TURNING VANS IN ALL ELBOWS AND TEES IN MAIN DUCT.
30. INSULATE ALL FLEX DUCTULAR DUCT WITH 1" LINER
31. INSULATE ALL RIGID DUCT WITH 2" DUCT WRAP.
32. MAXIMUM LENGTH OF RECTANGULAR DUCT IS 5 FEET.
33. ROUTE CONDENSATE DRAIN TO PLUMBING INLET. REFER TO PLUMBING SHEETS FOR LOCATION.
34. INSTALL SLEEVE FOR INSTALLATION OF GAS PIPING BELOW PAVED AREAS.
35. MOUNT ALL THERMOSTATS AT 5'4" AFF.
36. MOUNT HANDICAP ACCESSIBLE THERMOSTATS AT 48" AFF.

REFER TO LARGE SCALE COMMERCIAL AREA "C",
SHEET M1.3 FOR WORK IN THIS AREA.

REFER TO LARGE SCALE COMMERCIAL AREA "A",
SHEET M1.1 FOR WORK IN THIS AREA.

**REFER TO LARGE SCALE COMMERCIAL AREA "B",
SHEET M1.2 FOR WORK IN THIS AREA.**

GROUND FLOOR PLAN - HVAC

SCALE: $1/8" = 1'-0"$