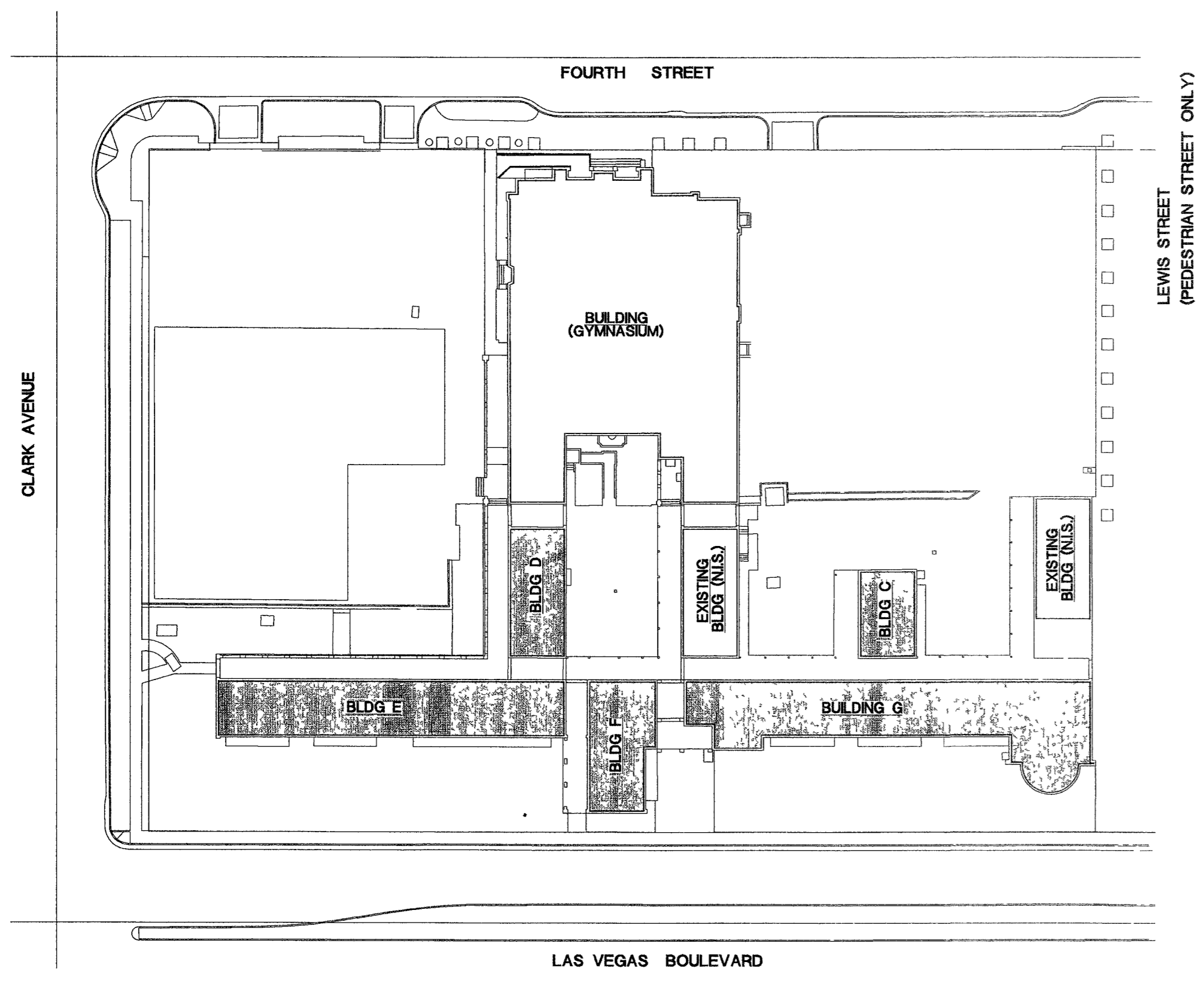
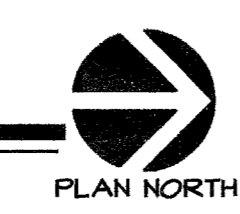


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REFERENCE SITE PLAN

SCALE: 1" = 50'



96391

WORK COMPLETED PER PLANS

MECHANICAL LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
	S/A	SUPPLY AIR	AFF	ABOVE FINISHED FLOOR
	R/A	RETURN AIR	AFG	ABOVE FINISHED GRADE
	E/A	EXHAUST AIR	AHU	AIR HANDLING UNIT
	O/A	OUTSIDE AIR	BI	BACKWARDLY INCLINED
		FLEX DUCT WITH SPIN-IN VOLUME DAMPER	BTUH	BRITISH THERMAL UNIT PER HOUR
		DRY BULB	DB	DRY BULB
	MVD	OPPOSED BLADE MANUAL VOLUME DAMPER	(E)	EXISTING
		THERMOSTAT-"A" IS ZONE NUMBER	EAT	ENTERING AIR TEMPERATURE
		DUCT MOUNTED SMOKE DETECTOR	EF	EXHAUST FAN
		ROUND DUCT UP	EWT	ENTERING WATER TEMPERATURE
		ROUND DUCT DOWN	FC	FORWARD CURVED
		RECTANGULAR SUPPLY AIR DUCT DOWN	GA	GAUGE
		RECTANGULAR SUPPLY AIR DUCT UP	GPM	GALLONS PER MINUTE
		RECTANGULAR RETURN AIR DUCT DOWN	HD	HEAD
		RECTANGULAR RETURN AIR DUCT UP	LAT	LEAVING AIR TEMPERATURE
		RECTANGULAR EXHAUST AIR DUCT DOWN	LBS	POUNDS
		RECTANGULAR EXHAUST AIR DUCT UP	LWT	LEAVING WATER TEMPERATURE
		ROUND TO RECTANGULAR DUCT TRANSITION	MBH	1,000 BRITISH THERMAL UNITS PER HOUR
		90° MITERED ELBOW WITH TURNING VANES	RWS	ROWS
		90° SMOOTH RADIUS ELBOW (R/D=1.5)	WB	WET BULB
		45° MITERED ELBOW WITH TURNING VANES	WC	WATER COLUMN
		45° SMOOTH RADIUS ELBOW	(RX)	EXISTING TO BE REMOVED
		EXPANDED THROAT TAKE-OFF	N.I.C.	NOT IN CONTRACT
		SPIN-IN CONNECTION		
MISCELLANEOUS				
		SPECIFIC NOTE/REFERENCE NOTE REVISION		
		POINT OF CONNECTION		
		POINT OF DISCONNECTION		
		INDICATES DETAIL NUMBER		
		SHEET NUMBER TO FIND DETAIL		
		AIR DEVICE TAG		
		CFM		
		EQUIPMENT TAG		
		SCHEDULE NUMBER		

MECHANICAL SPECIFICATIONS

PART 1 - GENERAL

1.1 CODES AND PERMITS:

A. THE MECHANICAL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE INTERNATIONAL BUILDING CODE, 2003 EDITION, THE UNIFORM PLUMBING CODE, 2000 EDITION, THE UNIFORM MECHANICAL CODE, 2000 EDITION, AS ADOPTED AND INTERPRETED BY THE CITY OF LAS VEGAS BUILDING DEPT. AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA REGULATIONS), CURRENT ADOPTED EDITION, REGARDING FIRE PROTECTION, HEATING, VENTILATING, AND AIR CONDITIONING SYSTEMS AND ELECTRICAL SYSTEMS. ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH RULES, REGULATIONS AND ORDINANCES SHALL BE PROVIDED. WHERE THE DRAWINGS AND/OR SPECIFICATIONS INDICATE MATERIALS OR CONSTRUCTION IN EXCESS OF CODE REQUIREMENTS, THE DRAWINGS AND/OR SPECIFICATIONS SHALL GOVERN. THE CONTRACTOR SHALL HOLD THE ARCHITECT/ENGINEER FREE AND HARMLESS FROM LIABILITY OF ANY NATURE OR KIND ARISING FROM HIS FAILURE TO COMPLY WITH CODES AND ORDINANCES.

PART 2 - BIDDING

2.1 BIDDING:

A. SUBMISSION OF A BID PROPOSAL, DIRECTLY OR INDIRECTLY BY THE CONTRACTOR FOR THIS WORK, SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE AND UNDERSTANDS THE CONDITIONS THAT MAY AFFECT THE PERFORMANCE OF THE WORK. CONTRACTOR IS EXPECTED TO CONTACT ARCHITECT FOR ANY PARTICULAR PROBLEMS AND CLEAR UP ANY POSSIBLE MISUNDERSTANDINGS BEFORE BID IS SUBMITTED. NO CONSIDERATION OR ALLOWANCES WILL BE GRANTED FOR ANY ALLEGED MISUNDERSTANDING OF THE CONTRACT DOCUMENTS AND THE WORK TO BE ACCOMPLISHED.

PART 3 - EXECUTION

3.1 DEMOLITION WORK

A. ALL HVAC EQUIPMENT AND ASSOCIATED DUCTWORK, GRILLES, DIFFUSERS, CONDENSATE LINES, REFRIGERANT LINES AND CONTROLS SHALL BE REMOVED AS SHOWN ON THE PLANS.

B. THE CONTRACTORS SHALL PROVIDE ALL RIGGING, HANDLING OF MATERIALS AND EQUIPMENT, AND THE NECESSARY PROTECTION FOR MATERIALS AND EQUIPMENT.

C. TOOLS AND EQUIPMENT WILL BE STORED IN OWNER DESIGNATED AREAS ONLY.

D. THE CONTRACTOR WILL PROTECT THE REMOVED HVAC UNITS AGAINST DIRT, THEFT, INJURY OR DAMAGE UNTIL ACCEPTED BY OWNER.

E. COORDINATE ALL WORK WITH HAZARDOUS MATERIAL REMEDIATION.

3.2 EQUIPMENT SALVAGING

A. ALL HORIZONTAL SINGLE-PACKAGED UNITS AND SPLIT SYSTEM FAN-COIL AND CONDENSING UNITS SHALL BE SALVAGED AND DELIVERED TO THE OWNER AT 3104 EAST BONANZA, LAS VEGAS, NV, ATTN-JIM TAUS, IN A CLEAN AND OPERABLE CONDITION.

SHEET INDEX

MECHANICAL/PLUMBING		DATE
SHEET NO.	DESCRIPTION	
MP1.00	MECHANICAL LEGEND AND SPECIFICATIONS	8/11/06
MT.01	MECHANICAL DEMOLITION PLAN- BLDG. D, E, F	
MT.02	MECHANICAL DEMOLITION PLAN- BLDG. C, G	
P1.01	PLUMBING DEMOLITION PLAN-BLDG. D, E, F	
P1.02	PLUMBING DEMOLITION PLAN- BLDG. C, G	



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PROJECT NUMBER	04448	RECORDED BY	AJ
DRAWN BY	GBR	ISSUE DATE	Dec. 07, 2005
SCALE	N.T.S.		
REVISION DESCRIPTION	RECORD DOCUMENTS	DATE	8/11/06

MP1.00

CONSTRUCTION DOCUMENT