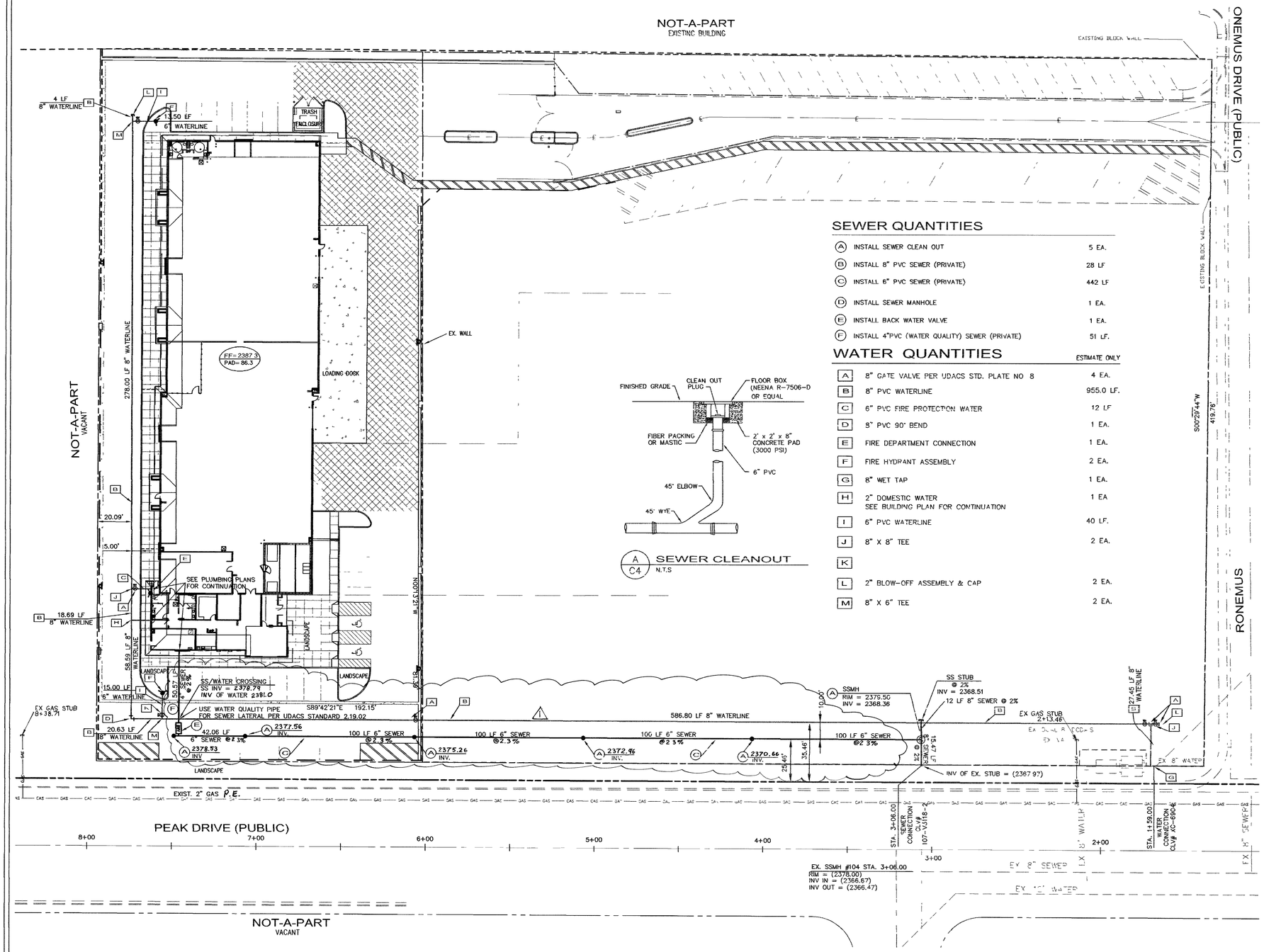


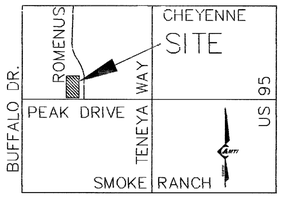
A / C4 SEWER CLEANOUT
N.T.S

SEWER QUANTITIES

A	INSTALL SEWER CLEAN OUT	5 EA.
B	INSTALL 8" PVC SEWER (PRIVATE)	28 LF
C	INSTALL 6" PVC SEWER (PRIVATE)	442 LF
D	INSTALL SEWER MANHOLE	1 EA.
E	INSTALL BACK WATER VALVE	1 EA.
F	INSTALL 4"PVC (WATER QUALITY) SEWER (PRIVATE)	51 LF.

WATER QUANTITIES

		ESTIMATE ONLY
A	8" GATE VALVE PER UDACS STD. PLATE NO 8	4 EA.
B	8" PVC WATERLINE	955.0 LF.
C	6" PVC FIRE PROTECTION WATER	12 LF
D	8" PVC 90° BEND	1 EA.
E	FIRE DEPARTMENT CONNECTION	1 EA.
F	FIRE HYDRANT ASSEMBLY	2 EA.
G	8" WET TAP	1 EA.
H	2" DOMESTIC WATER SEE BUILDING PLAN FOR CONTINUATION	1 EA
I	6" PVC WATERLINE	40 LF.
J	8" X 8" TEE	2 EA.
K		
L	2" BLOW-OFF ASSEMBLY & CAP	2 EA.
M	8" X 6" TEE	2 EA.



VICINITY MAP
NOT TO SCALE

APN: 138-15-201-002

PROJECT BENCHMARK:

CLV BM 0LV00 15N4: RIVET AND PLATE IN TOP OF CURB SOUTH SIDE OF CHEYENNE & +/- 600 FT WEST OF TENAYA.

ELEVATION = 711.9484 METERS (NAVD 88)
= 2335.78 FEET (NAVD 88)

BASIS OF BEARING:

PORTION OF CENTERLINE OF BUFFALO DRIVE, BEARS N00°20'23"E, BEING THE WEST LINE THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 15, TOWNSHIP 20 SOUTH, RANGE 60 EAST. M.D.M., CLARK COUNTY, NEVADA AS SHOWN ON THE PARCEL MAP RECORDED IN FILE 50 OF PARCELS, PAGE 41, CLARK COUNTY, NEVADA, RECORDERS.

LEGAL DESCRIPTION

A PORTION OF THE WEST HALF OF SECTION 15, TOWNSHIP 20 SOUTH, RANGE 60 EAST.

PROFESSIONAL ENGINEER STATE OF NEVADA KIRBY P. ADAMS Exp: 12/31/06 CIVIL No. 15522 5/25/06

FIRE FLOW CALCULATION

FIRE FLOW REQUIREMENT IS 2250 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE

BASED ON:

SQUARE FOOTAGE:	27,140	SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	N/A	SQUARE FEET
BUILDING HEIGHT	25'	FEET
NUMBER STORIES.	2 MAX	FLOORS
TYPE OF CONSTRUCTION:	V-B	
OCCUPANCY:	COMMERCIAL	
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	X YES	NO

REVIEWED BY: LAS VEGAS FIRE DEPARTMENT DATE: 7-22-05

LEGEND

EXISTING		PROPOSED
	CENTERLINE	
	RIGHT OF WAY	
	PROPERTY LINE	
	WALL	
	RETAINING WALL	
	WATER VALVE	WV
	BACK WATER VALVE	BWV
	FINISH GRADE ELEVATION	FG
	GRADE BREAK	GB
	FINISH FLOOR	FF
	SIGHT VISIBILITY ZONE	SVZ
	MONUMENTS FOUND AS NOTED	
	BUILDING SETBACK LINE	BSL
	FIRE HYDRANT	
	SEWER MANHOLE	S
EX 8" WATER	WATER LINE	8" WATER
EX 8" SEWER	SEWER LINE	8" SEWER
GAS EX GAS GAS	GAS LINE	

UTILITY NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS IT'S COSTLY
CALL BEFORE YOU DIG UNDERGROUND
Call Underground Before you Dig
1-702-455-7011 CLARK COUNTY TRAFFIC OPERATIONS &
1-702-229-6174 LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY
CALL BEFORE YOU DIG OVERHEAD
CALL 1-702-593-6111

20 0 60 120
30 10 30 90
SCALE 1"=30'

CITY OF LAS VEGAS FIRE DEPARTMENT 7-22-05 DATE

SEAL: PROFESSIONAL ENGINEER STATE OF NEVADA KIRBY P. ADAMS Exp. 12/31/06 CIVIL No. 15522 5-24-06

DEVELOPER
JVC ARCHITECTS
4290 CAMERON AVE. #2
LAS VEGAS, NV. 89103
PHONE: (702) 871-3416
FAX: (702) 871-2630

DESIGNED: K.A.	PROJ. No. E03-059
CHECKED: K.A.	FILED: 059-UT.DWG

NO.	DATE	DESCRIPTION	BY
1	5-25-05	REVISED SEWER, SLOPE AND INVERTS.	KA

UTILITY PLAN
CITY OF LAS VEGAS RECORDS CENTER
BUFFALO DRIVE AND PEAK DRIVE
LAS VEGAS CLARK COUNTY NEVADA

AMTI
CIVIL ENGINEERING, PLANNING, SURVEYING & GEOTECHNICAL
5960 EMERALD AVENUE, SUITE A
LAS VEGAS, NEVADA 89122
(702) 933-0850 • FAX (702) 933-0849

SHEET C-4
4 OF 5 SHEETS

CLV# ~~35528~~ 521-288

77855.18
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