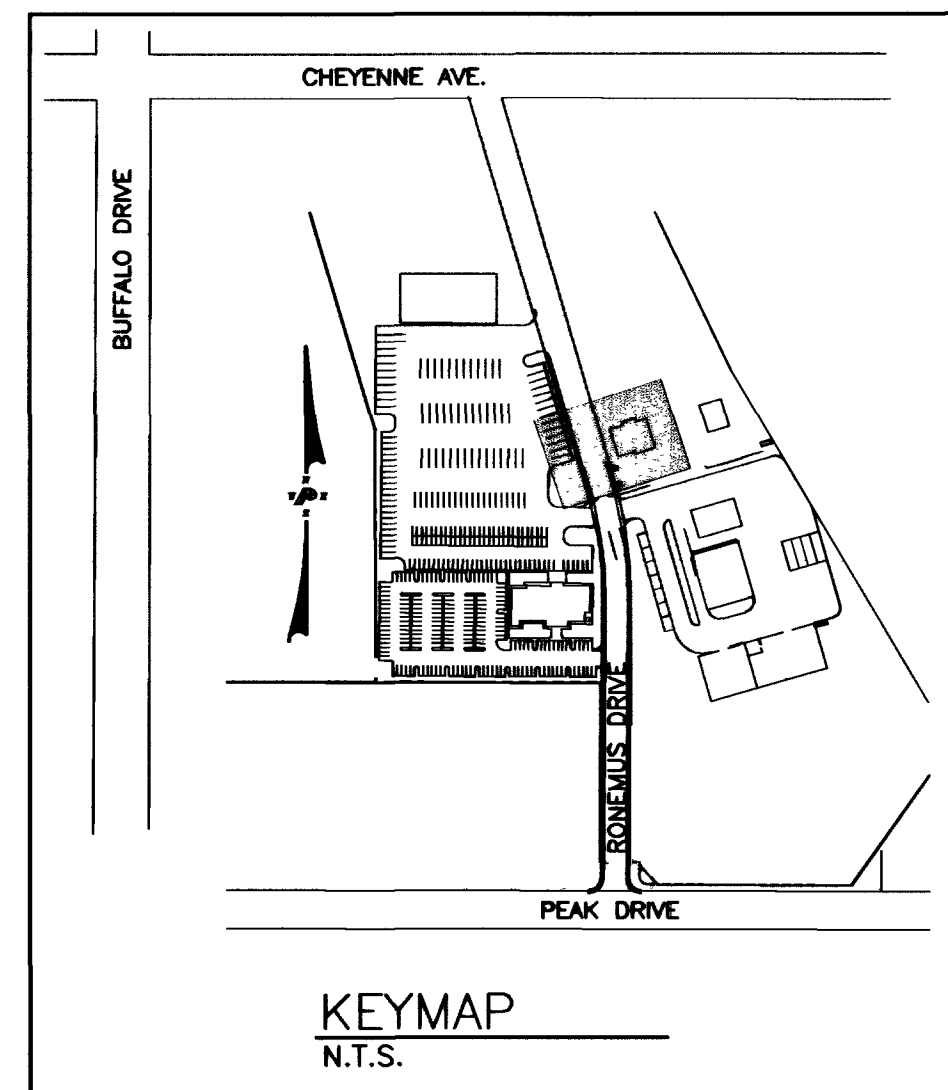
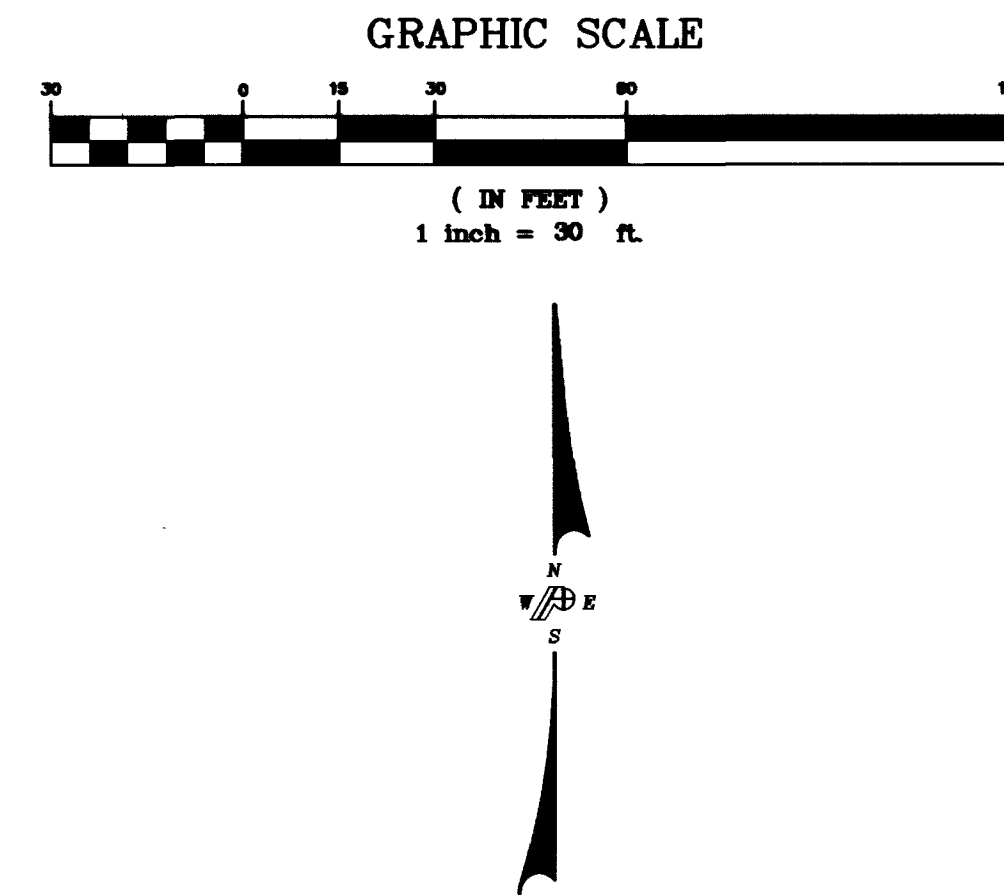




LEGEND

	DETAIL/SECTION IDENTIFICATION LETTER OR NUMBER
	SHEET DETAIL IS SHOWN
	EXISTING MANHOLE
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING SIGN
	EXISTING POWER POLE
	EXISTING WATER LINE
	EXISTING GAS LINE
	EXISTING ELECTRICAL LINE
	EXISTING SANITARY SEWER LINE
	EXISTING STORM DRAIN LINE
	EXISTING TELEPHONE LINE
	EXISTING CONTOUR
	EXISTING CHAIN-LINK FENCE
	EXISTING ELEVATION
	EXISTING EDGE OF PAVEMENT
	EXISTING STREET LIGHT
	EXISTING TREE
	PROPOSED MANHOLE
	PROPOSED FIRE HYDRANT
	PROPOSED SIGN
	PROPOSED STREET LIGHT
	PROPOSED WATER LINE
	PROPOSED SANITARY SEWER LINE
	PROPOSED STORM DRAIN LINE
	NEW ELEVATION
	RIGHT OF WAY LINE
	CENTERLINE
	PROPERTY LINE
	FLOW LINE
	PROPOSED STREET LIGHT CONDUIT
	PROPOSED WALL
	GRADE BREAK

FIRE FLOW CALCULATIONS IT EXPANSION

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

BASED ON:
SQUARE FOOTAGE: 6,774 SQUARE FEET

LARGEST AREA BETWEEN 4-HOUR
AREA SEPARATION WALLS: 6,774 SQUARE FEET

BUILDING HEIGHT: 20'-6" FEET

NUMBER OF STORIES: 1 FLOORS

TYPE OF CONSTRUCTION: VN

OCCUPANCY: COMMERCIAL

FULL AUTOMATIC FIRE SYSTEM: ☐ YES ☒ NO

REVIEWED BY: *[Signature]* DATE: 1/29/03
LAS VEGAS FIRE DEPT.

BENCHMARK

CLV BM 0LV0015N4: RIVET AND PLATE IN TOP OF CURB SOUTH SIDE OF CHEYENNE & +/- 600 FT WEST OF TENAYA, ELEV. 2335.78' (NAVD88)

BASIS OF BEARING

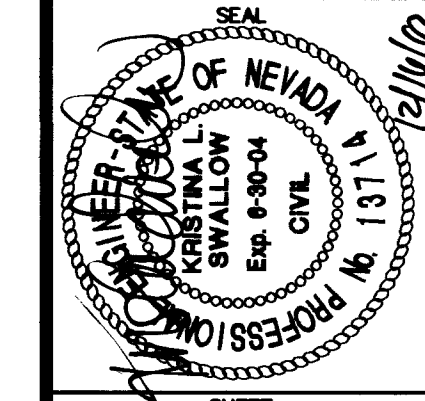
PORTION OF CENTERLINE OF BUFFALO DRIVE, BEARS N00°20'23"E, BEING THE WEST LINE THE NORTHEAST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 15, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY NEVADA, AS SHOWN ON THE PARCEL MAP RECORDED IN FILE 50 OF PARCELS, PAGE 41, CLARK COUNTY,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

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS FOR THIS PROJECT.

[Signature]
KRISTINA L. SWALLOW NO. 13714
DATE



Call before you Dig.
1-800-227-2600



SHEET
C4.04
12 of 19 SHEETS
DRAWING NO.
107-V3548

BID. No. 02.15341.09

IT EXPANSION UTILITY AND
GRADING PLAN IV

CITY OF LAS VEGAS
WEST SERVICE CENTER

TATE SNYDER KIMSEY ARCHITECTS
709 VALLE VERDE COURT
HENDERSON, NEVADA 89104
TEL. (702) 456-3000
FAX. (702) 898-6209

POGGEMEYER DESIGN GROUP
ENGINEERS PLANNERS SURVEYORS
LANDSCAPE ARCHITECTS
2001 NORTH TENAYA WAY LAS VEGAS, NEVADA 89128 (702) 255-9100

REV.	DATE	BY	REV.	PER BUILDING DEPT.	COMMENTS

48374 Rcm 49386