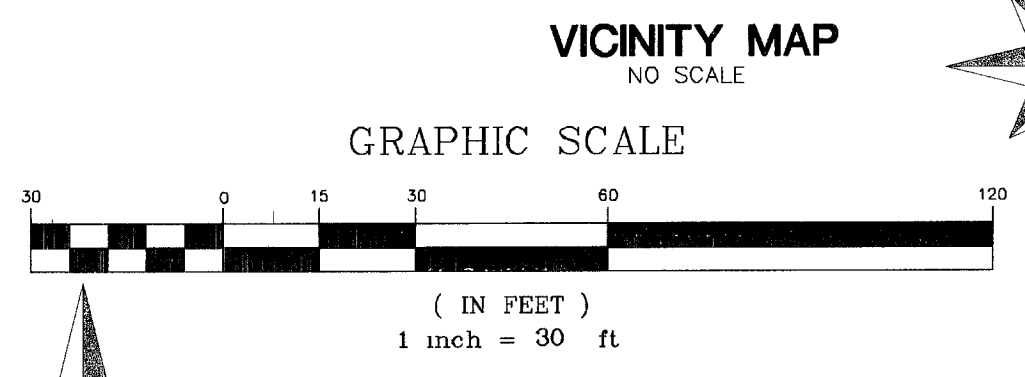
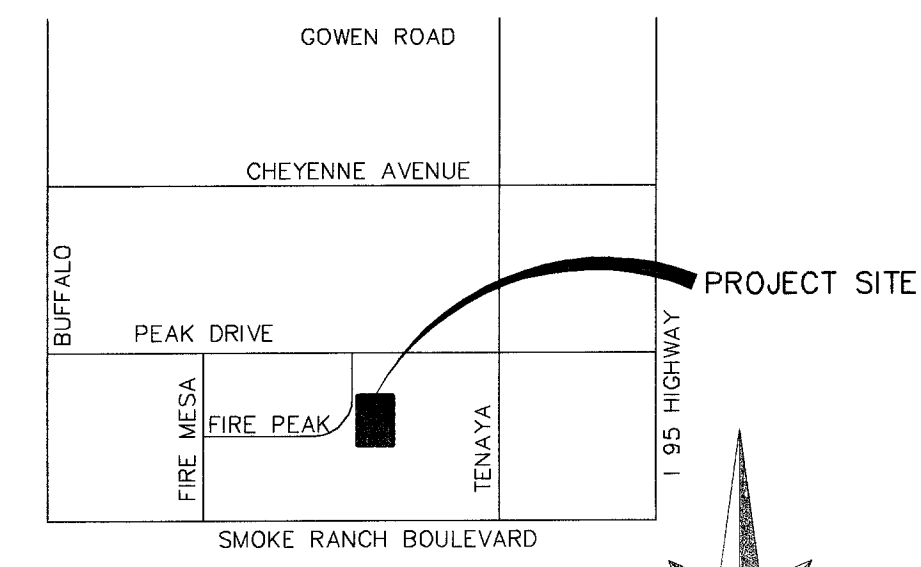
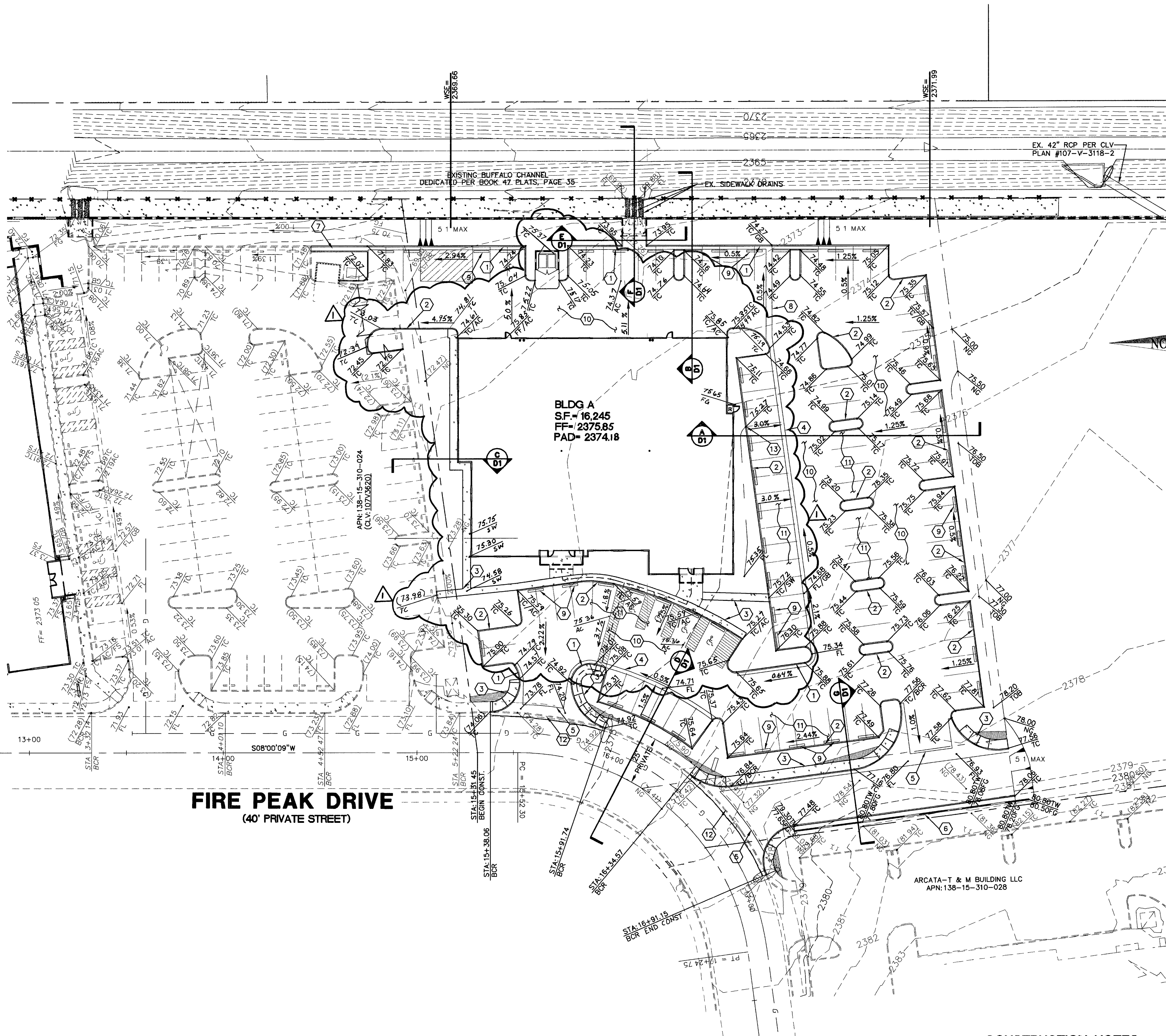




LEGEND	
	RIGHT OF WAY
	PROPERTY LINE
	STREET CENTER LINE
	EXISTING BUILDING
	PROPOSED BUILDING
	EXISTING CURB & GUTTER
	PROPOSED CURB & GUTTER
	EXISTING EDGE OF A.C. PAVEMENT
	PROPOSED 1' CONTOUR
	PROPOSED 5' CONTOUR
	GRADE BREAK
	CONSTRUCTION NOTE
	SLOPE & DIRECTION OF SLOPE
	PROPOSED ELEVATION
	EXISTING ELEVATION
	FUTURE ELEVATION
	ASPHALT PAVEMENT
	CONCRETE
	OFFSITE SAWCUT AREA & REPAVE
	SIGHT VISIBILITY ZONE (NO OBSTRUCTIONS TALLER THAN 24 INCHES)
	TOP OF BERM
	FLOW LINE
	HANDICAP ACCESS ROUTE

GRADING CERTIFICATION

THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS. FOR THIS PROJECT, DS 3775.

Angela M. McCay 10/3/05
ANGELA M. MCCAY P.E. #4888 DATE

BASIS OF BEARING

SOUTH 89°40'51" EAST
BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 15, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., SAME BEING THE CENTERLINE OF SMOKE RANCH ROAD AS SHOWN ON FILE 120, PAGE 35 OF SURVEYS.

LEGAL DESCRIPTION

BEING A PORTION OF THE LAS VEGAS TECHNOLOGY CENTER, COMMERCIAL SUBDIVISION, LOCATED IN THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 15, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., A PORTION OF APN 138-15-310-028

BENCHMARK

BENCHMARK NO.: 839
51000
22MMWS
RIVET & PLATE IN TOP OF CURB, @ SW CORNER OF SMOKE RANCH & BUFFALO CHANNEL.
ELEVATION = 727.4462 METERS
(2386.63 U.S. SURVEY FEET) NAVD83 DATUM
METERS $\times \left(\frac{3937}{1200} \right) =$ U.S. SURVEY FEET
1. THE ELEVATIONS SHOWN HEREON ARE BASED ON FEET.

CONSTRUCTION NOTES

1. INSTALL "L" TYPE CURB & GUTTER PER CLARK COUNTY STD. DWG. #234.
2. INSTALL "A" TYPE CURB AND GUTTER PER CLARK COUNTY STD. DWG. #219.
3. INSTALL SIDEWALK PER CLARK COUNTY STD. DWG. #219.
4. INSTALL 2" VALLEY GUTTER PER DETAIL ON SHEET D1.
5. INSTALL CROSS GUTTER PER CLARK COUNTY STD. DWG. #228
6. INSTALL 3" MAX KEY-STONE RETAINING WALL PER DETAIL SHEET D1
7. INSTALL 3" WIDE FLUME PER DETAIL ON SHEET D1
8. INSTALL 3" VALLEY GUTTER PER DETAIL ON SHEET D1
9. INSTALL WHEEL STOPS PER DETAIL SHEET D1
10. INSTALL 3" AC PAVEMENT OVER 4" TYPE II AGG. BASE (HEAVY)
11. INSTALL 2" AC PAVEMENT OVER 4" TYPE II AGG. BASE (LIGHT)
12. REMOVE EXISTING CURB & SIDEWALK
13. INSTALL .5" LF DEPRESSED CURB PER DETAIL SHEET D1

EARTHWORK QUANTITIES

NOTE: THESE QUANTITIES ARE APPROXIMATE AND AREA RAW VOLUMES ONLY. OVER EXCAVATION, SUBSIDENCE, SHRINKAGE, SHRINKAGE AND BULKING FACTORS, ARE NOT INCLUDED AS PART OF THESE EARTHWORK QUANTITIES.

OUT (NET)	1,273 CUBIC YARDS
FILL (NET)	1,436 CUBIC YARDS
NET	164 CUBIC YARDS (IMPORT)

NOTE:
ALL HANDICAP ACCESS ROUTES ARE AT A MAXIMUM OF 5% DOWNSLOPE AND 2% CROSS SLOPE & 2% IN DIRECTION CHANGE.

GEOTECHNICAL:
SEE GEOTECHNICAL REPORT BY OWENS
GEOTECHNICAL, INC FOR THOMAS & MACK DEVELOPMENT
COMPANY DATED MAY 10, 2002 PROJ. # E-02-078

Call before you dig.
1-800-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-6801
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

Call before you dig.
1-800-227-2600
NEVADA POWER DEVELOPMENT AND SAFETY SERVICES DEPARTMENT

Call before you dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

WRIGHT ENGINEERS 7425 PEAK DRIVE LAS VEGAS, NEVADA 89128 TEL (702) 833-7000 FAX (702) 833-7001	
THOMAS & MACK DEVELOPMENT GROUP	WRIGHT WORLD HEADQUARTERS II
GRADING PLAN	
DATE: 02/23/05	DESIGNED BY: BSA/JSN
DATE: 02/23/05	CHECKED BY: JSN
DATE: 02/23/05	PROJECT NO: 2510901
SCALE: 1"=30'	
PROFESSIONAL ENGINEER STATE OF NEVADA JEREMY MCCAY Exp. 12/31/05 CIVIL 10/3/05	
SHEET G1 4 OF 6 SHEETS DRAWING NO. 107V3020-2	