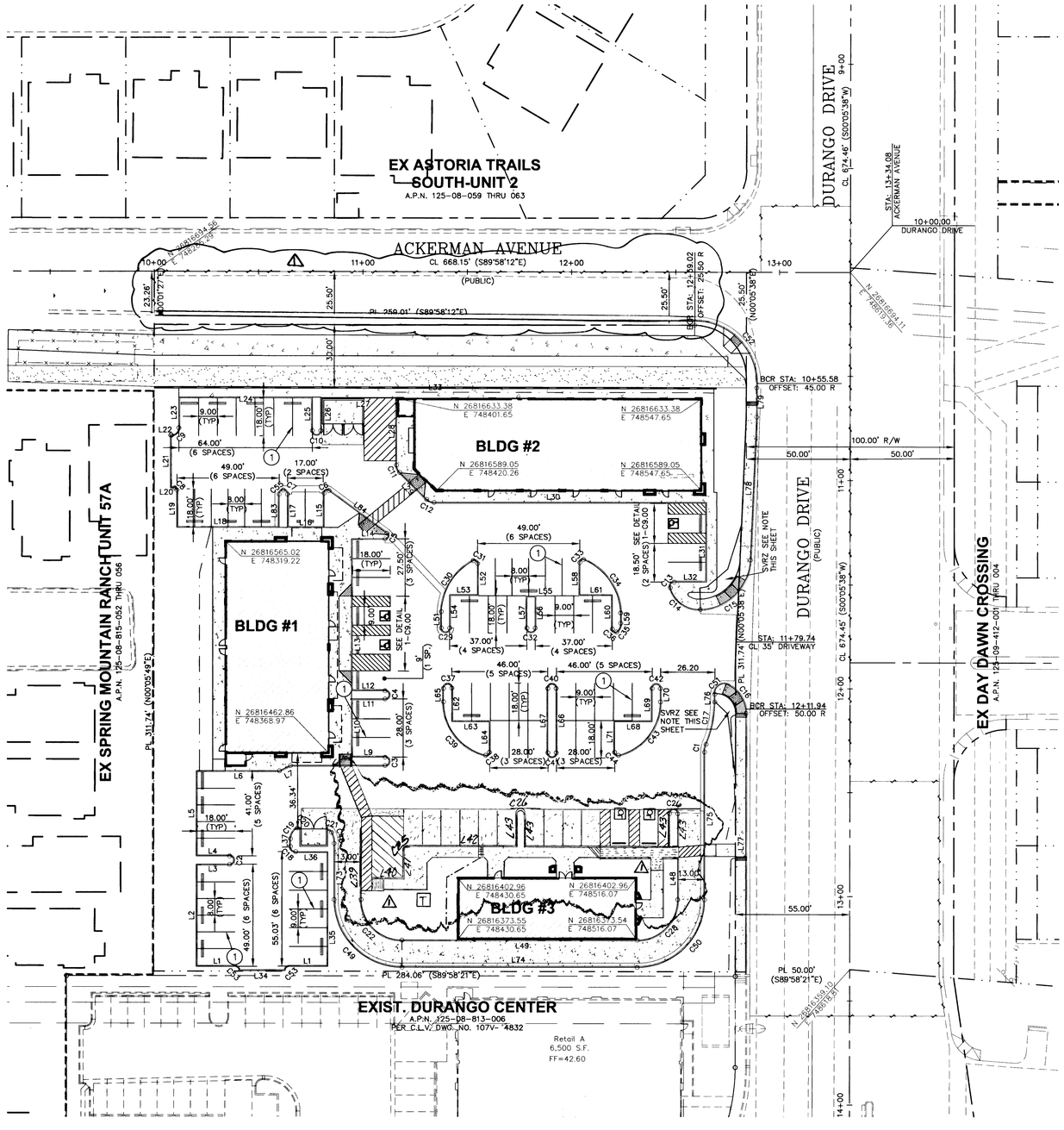

LINE TABLE

LINE	LENGTH	BEARING	COMMENT
L1	63.00	N90°00'00"W	"A" CURB
L2	49.00	N00°02'09"E	"A" CURB
L3	15.97	N90°00'00"W	"A" CURB
L4	15.96	N90°00'00"W	"A" CURB
L5	41.00	N00°02'01"E	"A" CURB
L6	39.83	N90°00'00"W	"A" CURB
L7	5.88	N64°32'54"E	"A" CURB
L8	45.29	N90°00'00"W	"A" CURB
L9	16.00	N90°00'00"W	"A" CURB
L10	28.00	N00°00'01"W	"A" CURB
L11	16.00	N90°00'00"W	"A" CURB
L12	16.00	N90°00'00"W	"A" CURB
L13	73.00	N00°00'00"W	"A" CURB
L14	15.99	N90°00'00"W	"A" CURB
L15	16.50	N00°00'00"E	"A" CURB
L16	17.53	N89°59'27"E	"A" CURB
L17	16.00	N00°00'00"W	"A" CURB
L18	49.00	N90°00'00"E	"A" CURB
L19	18.00	N00°00'00"E	"A" CURB
L20	2.00	N90°00'00"W	"A" CURB
L21	25.31	N00°00'00"E	"A" CURB
L22	0.50	N90°00'00"E	"A" CURB
L23	14.70	N00°00'01"E	"A" CURB
L24	64.00	N90°00'00"W	"A" CURB
L25	16.00	N00°00'00"E	"A" CURB
L26	15.80	N00°00'00"E	"A" CURB
L27	36.29	N90°00'00"E	"A" CURB
L28	32.31	N00°00'00"E	"A" CURB
L29	18.29	N45°00'00"W	"A" CURB
L30	130.75	N90°00'00"W	"A" CURB
L31	38.12	N00°00'00"E	"A" CURB
L32	15.64	N90°00'00"E	"A" CURB
L33	269.63	N89°55'23"W	C.L. WALL
L34	22.00	N90°00'00"W	"A" CURB
L35	55.00	N00°02'01"E	"A" CURB
L36	15.39	N90°00'00"W	"A" CURB
L37	3.71	N00°00'00"E	"A" CURB
L38	(NOT USED)		
L39	39.24	N00°00'00"W	"A" CURB
L40	15.00	N90°00'00"W	"A" CURB
L41	14.00	N00°00'00"W	"A" CURB
L42	52.50	N90°00'00"W	"A" CURB
L43	16.[illegible]	N00°00'00"E	"A" CURB
L44	(NOT USED)		
L45	70.00	N90°00'00"W	"A" CURB
L46	(NOT USED)		
L47			
L48	17.28	N00°00'00"E	"A" CURB
L49	112.73	N90°00'00"E	"A" CURB
L50	(NOT USED)		
L51	7.93	N00°00'03"W	"A" CURB
L52	15.06	N00°00'00"W	"A" CURB
L53	13.38	N90°00'00"W	"A" CURB
L54	16.02	N00°00'00"W	"A" CURB
L55	4.00	N90°00'00"W	"A" CURB
L56	15.00	N00°00'00"W	"A" CURB
L57	15.00	N00°00'00"W	"A" CURB
L58	15.53	N00°00'00"W	"A" CURB
L59	4.95	N00°01'19"W	"A" CURB
L60	16.50	N00°00'27"E	"A" CURB
L61	15.62	N90°00'00"W	"A" CURB
L62	16.16	N00°00'00"E	"A" CURB
L63	18.00	N90°00'00"W	"A" CURB
L64	14.77	N00°00'00"W	"A" CURB
L65	6.50	N00°00'00"W	"A" CURB
L66	31.00	N00°00'00"W	"A" CURB
L67	31.00	N00°00'00"W	"A" CURB
L68	18.00	N90°00'00"E	"A" CURB
L69	16.16	N00°00'00"E	"A" CURB
L70	6.50	N00°00'00"E	"A" CURB
L71	14.77	N00°00'00"E	"A" CURB
L72	(NOT USED)		
L73	26.98	N00°02'01"E	"L" CURB
L74	112.73	S90°00'00"W	"L" CURB
L75	71.07	N00°00'00"W	"L" CURB
L76	3.81	N00°00'00"W	"L" CURB
L77	125.34	N00°05'37"E	"L" CURB
L78	68.60	N02°34'31"E	"L" CURB
L79	16.77	N00°05'38"E	"L" CURB
L80	259.11	N89°55'23"W	"L" CURB
L81	(NOT USED)		
L82			
L83	16.00	N00°00'00"W	"L" CURB
L84	34.43	N53°34'14"W	"L" CURB

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	COMMENT
C1	3.85	9.50	23°13'34"	1.95	"L" CURB
C2	6.28	2.00	180°00'00"	INFINITE	"A" CURB
C3	6.28	2.00	180°00'00"	INFINITE	"A" CURB
C4	6.28	2.00	180°00'00"	INFINITE	"A" CURB
C5	3.76	1.50	143°34'14"	4.56	"A" CURB
C6	3.31	1.50	126°25'46"	2.97	"A" CURB
C7	3.14	2.00	90°00'00"	2.00	"A" CURB
C8	1.57	1.00	90°00'00"	1.00	"A" CURB
C9	5.50	3.50	90°00'00"	3.50	"A" CURB
C10	6.28	2.00	180°00'00"	INFINITE	"A" CURB
C11	3.93	5.00	45°00'00"	2.07	"A" CURB
C12	3.93	5.00	45°00'00"	2.07	"A" CURB
C13	3.87	2.00	110°55'17"	2.91	"A" CURB
C14	19.31	14.35	77°04'48"	11.43	"A" CURB
C15	37.35	25.00	85°35'53"	23.15	SPANDREL
C16	18.15	15.00	68°51'12"	10.28	SPANDREL
C17	20.88	51.50	23°13'34"	10.58	"L" CURB
C18	3.93	2.50	90°00'00"	2.50	"A" CURB
C19	6.34	6.46	56°11'22"	3.45	"A" CURB
C20	1.04	0.50	119°35'47"	0.86	"A" CURB
C21	2.20	2.00	62°52'59"	1.22	"A" CURB
C22	30.64	19.50	90°02'01"	19.51	"A" CURB
C23	(NOT USED)				
C24					
C25	2.36	1.50	90°00'00"	1.50	"A" CURB
C26	5.[illegible]	1.[illegible]	180°00'00"	INFINITE	"A" CURB
C27	(NOT USED)				
C28	30.63	19.50	89°59'55"	19.50	"A" CURB
C29	6.22	1.98	180°00'00"	INFINITE	"A" CURB
C30	30.22	29.07	59°33'37"	16.64	"A" CURB
C31	2.97	1.50	113°21'08"	2.28	"A" CURB
C32	6.28	2.00	180°00'00"	INFINITE	"A" CURB
C33	2.68	1.50	102°19'51"	1.86	C.L. WALL
C34	33.04	28.79	65°44'22"	18.60	"A" CURB
C35	4.84	4.94	56°08'18"	2.63	"A" CURB
C36	2.95	1.50	112°50'20"	2.26	"A" CURB
C37	6.28	2.00	180°00'00"	INFINITE	"A" CURB
C38	2.72	1.50	103°53'12"	1.92	"A" CURB
C39	35.20	26.50	76°06'48"	20.75	"A" CURB
C40	6.28	2.00	180°00'00"	INFINITE	"A" CURB
C41	6.28	2.00	180°00'00"	INFINITE	"A" CURB
C42	6.28	2.00	180°00'00"	INFINITE	"A" CURB
C43	35.20	26.50	76°06'48"	20.75	"A" CURB
C44	2.72	1.50	103°53'12"	1.92	"A" CURB
C45	(NOT USED)				
C46					
C47					
C48	5.48	11.50	27°16'45"	2.79	"L" CURB
C49	51.07	32.50	90°02'01"	32.52	"L" CURB
C50	51.05	32.50	90°00'00"	32.50	"L" CURB
C51	8.90	4.50	113°19'12"	6.84	"L" CURB
C52	46.65	30.00	89°05'12"	29.53	"L" CURB
C53	3.14	2.00	90°00'00"	2.00	"L" CURB

NORTH

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 inch = 30' ft.

PARKING COUNT:

82 STANDARD
4 HC

TRAFFIC NOTES:

(1) 4" WHITE PARKING STRIPE (BLUE FOR H.C. STALLS).

SIGHT VISIBILITY RESTRICTION ZONE:

NO WALLS, FENCES, TREES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL DEVICES AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24" IN HEIGHT, MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXISTS, A HEIGHT OF 27" MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL OR PAVEMENT STREET SURFACE PER C.C.A.U.S.D. #201.2.

GENERAL NOTES:

1. ALL DIMENSIONS AND LINE/CURVE TABLES ARE TO BACK OF CURB.

2. THE CONTRACTOR SHALL PROVIDE PILOT AND ALIGNMENT LINES FOR THE ENGINEERS APPROVAL PRIOR TO PERFORMING ANY MARKING WORK. CONTACT THE ENGINEER 48 HOURS IN ADVANCE.

3. ALL APPLICATION METHODS SHALL BE CONFIRMED BY THE OWNER AND MANUFACTURER PRIOR TO INSTALLATION. ALL PAVEMENT MARKING FILM SHALL NOT BE PLACED EARLIER THAN (2) WEEKS AFTER FINAL A.C. LAYER IS PLACED. ALL MATERIALS AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. ALL PAVEMENT MARKING FILM ARROWS AND LEGENDS SHALL BE TYPE I PAVEMENT MARKING FILM. ALL OTHER PAVEMENT MARKING FILM SHALL BE TYPE 2.

4. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTORS OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.

5. THE GIVEN MUTCD REFERENCE IS TO BE USED FOR GUIDANCE IN MAKING THE SIGNS. VARIATIONS TO THE STANDARD MUTCD SIGN ONLY AFFECT THE SIGN'S LAYOUT AND GRAPHICS. ALL LETTERING SIZES AND SIGN COLORS ARE PER THE GIVEN MUTCD REFERENCE.

6. SEE ARCH PLANS FOR SIDEWALK CJ PATTERNS.

BENCHMARK:

CITY OF LAS VEGAS VERTICAL CONTROL POINT "OLV90 17NES", BEING A RIVET PLATE IN THE TOP OF CURB AT THE SOUTHWEST CORNER OF GRAND TETON AND DURANGO.

ELEVATION: 2539.74 (FEET)
774.1140 (METERS)
CITY OF LAS VEGAS VERTICAL CONTROL v.2003 BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

BASIS OF BEARINGS:

NORTH 00°05'38" EAST, BEING THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 8, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN IN FILE 86 OF SURVEYS, AT PAGE 75, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

H19150

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS IT'S COSTLY
CALL BEFORE YOU DO UNDERGROUND

Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS AND
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

SAFETY ALERT
Avoid cutting underground utility lines. It's costly.
Call Before You Overhead
1-702-227-2929
Call before you Dig
1-800-227-2600

102999 108210

LEGEND

CL OR SURVEY LINE	EASEMENT LINE	DEMO. SURFACE	MANHOLES & DESCRIPTIONS
PROPERTY LINE	SAWCUT LINE	LIGHT AC PVMT.	Ⓢ = SANITARY SEWER Ⓔ = ELECTRICAL
ROW LINE	SCARP LINE	TENNIS COURT	Ⓓ = STORM DRAIN Ⓣ = TELEPHONE

CAP	DESCRIPTION:	BO VALVE	CLEAN OUT	FDC	FIRE HYDRANT	GATE VALVE	REDUCER	100w HPS STREETLIGHT	150w HPS STREETLIGHT	200w HPS STREETLIGHT	250w HPS STREETLIGHT	400w HPS STREETLIGHT	5' CONTOUR LINE	1' CONTOUR LINE	EDGE OF PVMT.	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	FENCES	SPOT ELEVATIONS	SIGNS
[	EXISTING:												—(2210)—							(12.3±)	
	PROPOSED:												2210	2211						12.34 BC / BC	

REV:	DESCRIPTION:	DATE:	BY:
1	REVISED HORIZONTAL CONTROL AND H.C. PARKING PER ON-SITE GRADES AND ARCHITECT PLAN	12/11/07	JSG

Nevada By Design
ENGINEERING CONSULTANTS
3515 East Harmon Avenue
Las Vegas, NV 89121
Tel: (702) 454-7688
www.nvbydesign.com

DRAWN BY:	JSG	SCALE:	1"=30'
DESIGNED BY:	JDA	JOB NUMBER:	05432
CHECK BY:	CLN	DATE	2/28/07

PROJECT: DURANGO/GRAND TETON SHOPPING CENTER

DRAWING TITLE: HORIZONTAL CONTROL PLAN

SEAL: PROFESSIONAL ENGINEER STATE OF NEVADA CLAYTON L. NEILSEN EXP: 12/31/07 CIVIL No. 14132

SHEET NO.: C2.00
SHEET 3 OF 18
JOB CONTROL NUMBER 107V4875

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I:\NBD\05432\dwg\05432-0200-HC.dwg 01/22/07 09:18
XREF = X-NBD-TBLK, 05432-TP, 05432-BM, 05432-TXT