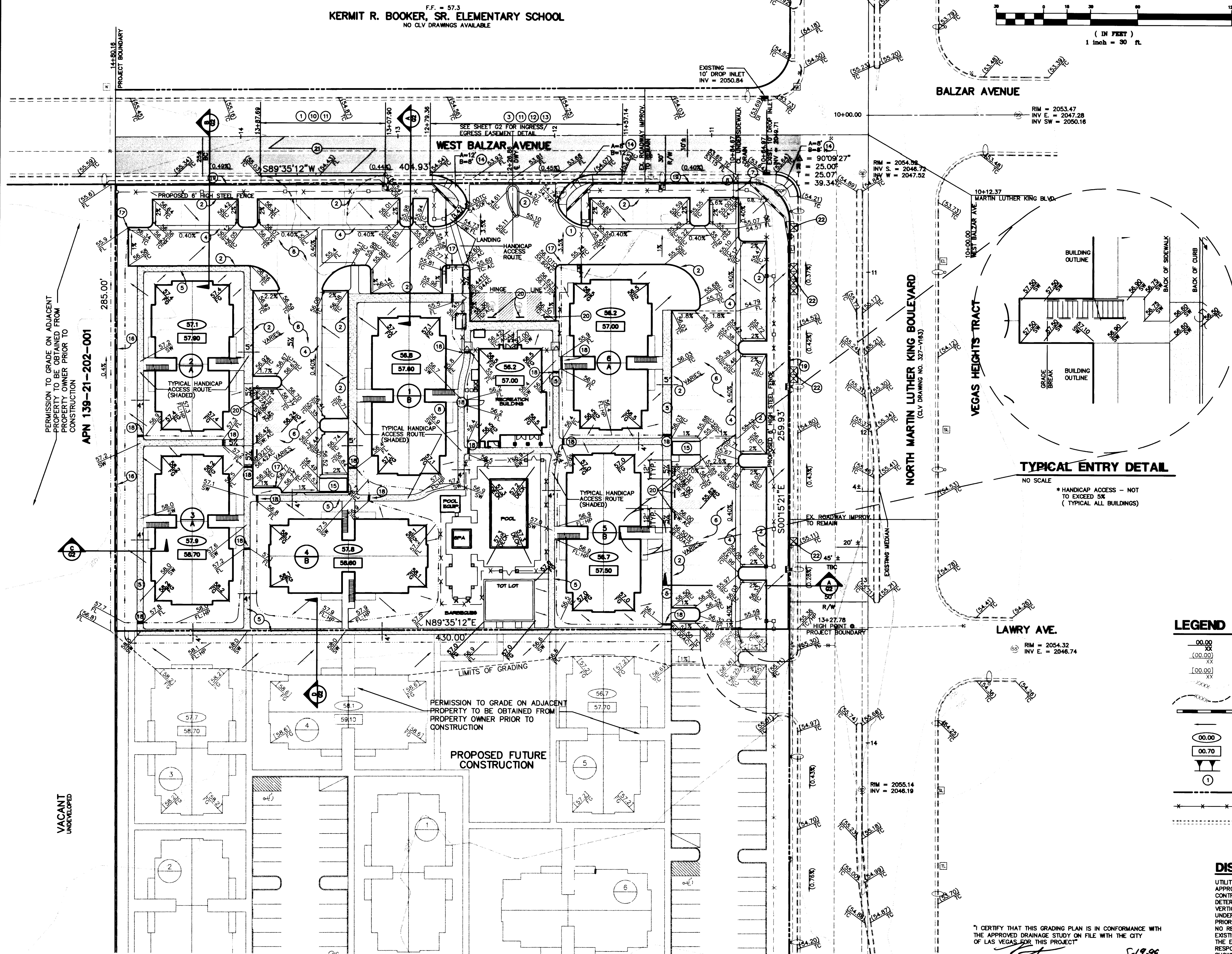




"I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH
THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY
OF LAS VEGAS FOR THIS PROJECT"


KENT E. ANDERSON P.E. No. 6012

5-19-99
DATE

DISCLAIMER 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 AND OVERHEAD 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)

SEAL



5-19-5

SHEET
G1

6 OF 7 SHEETS

DRAWING NO.
107-113783

GRADING PLAN

**SUNSET PARK
FAMILY APARTMENTS**

KAUFMAN & BROAD
220 GOLDEN SHORE, SUITE 200
LONG BEACH, CALIFORNIA 90802-4217

L. R. NELSON CONSULTING ENGINEERS, INC.

• STRUCTURAL 3035 East Patrick Lane Suite 9
Las Vegas, Nevada 89120
• CIVIL (702) 796-7978

[illegible]

VICINITY MAP

NO SCALE

CONSTRUCTION NOTES

- (1) CONSTRUCT 24" "I" TYPE CURB & GUTTER
PER U.S.D. NO. 216
- (2) CONSTRUCT "A" TYPE CURB & GUTTER PER STD. DWG. No. 219
- (3) CONSTRUCT 8" WIDE VALLEY GUTTER PER STD. DWG. NO. 228
- (4) CONSTRUCT 3" WIDE VALLEY GUTTER PER DETAIL 
- (5) CONSTRUCT 4" THICK CONCRETE SIDEWALK (WIDTH VARIES) 
- (6) CONSTRUCT 2" A.C. PAVEMENT OVER 8" TYPE II GRAVEL BASE. 
- (7) CONSTRUCT CONCRETE FLUME 
- (8) CONSTRUCT UNDER SIDEWALK DRAIN PER STD. DWG. NO. 236
(REMOVE, REPLACE, & RECONSTRUCT EXIST. CURB GUTTER
& SIDEWALK AS REQUIRED)
- (9) CONSTRUCT UNDERSIDEWALK DRAIN - (2) 4" PVC SCH. 40 PIPE OR EQUIV.
- (10) CONSTRUCT 5" WIDE CONCRETE SIDEWALK PER U.S.D. NO. 234
- (11) REMOVE EXISTING DRIVEWAY
- (12) REMOVE EXISTING "L" TYPE CURB & GUTTER
- (13) REMOVE EXISTING CONCRETE SIDEWALK
- (14) CONSTRUCT SIDEWALK RAMP (CASE I) PER U.S.D. NO. 235
- (15) CONSTRUCT TRASH ENCLOSURE REFER TO ARCHITECTURAL PLANS
- (16) CONSTRUCT 6' HIGH BLOCKWALL (PER CITY OF LAS VEGAS STANDARDS)
- (17) CONSTRUCT 6" WIDE CURB OPENING FOR DRAINAGE
- (18) CONSTRUCT (2) 4" PVC DRAINAGE PIPES
- (19) CONSTRUCT BLOCKWALL (SOLID GROUDED) ~ 1.39 MIN. HIGH
- (20) INSTALL BUMPER BLOCKS AS INDICATED.
- (21) FOG SEAL EXISTING PAVEMENT AS INDICATED.
- (22) REMOVE EXISTING SIDEWALK PANELS AS INDICATED.
(CITY CONTRACTOR TO VERIFY SUBSTANDARD SIDEWALK PANELS.)

***NOTE:**
ALL SIDEWALKS (ONSITE) SHALL HAVE A CROSS SLOPE NOT TO EXCEED 2% AND WILL SLOPE TOWARDS ADJACENT SWALES AS IDENTIFIED ON GRADING PLAN.

BENCHMARK

BM# - 2LV01 21C4
ELEVATION = 2052.69 FEET (NAVD 88)

RIVET & PLATE IN TOP OF CURB, NE RETURN MARTIN
LUTHER KING BLVD. AND LAKE MEAD BLVD.

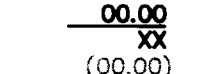
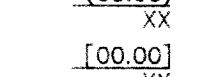
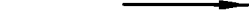
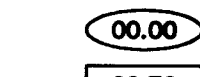
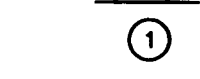
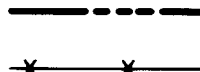
BASIS OF BEARING

NORTH 89°55'13" EAST BEING THE SOUTH LINE OF THE
SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION
21, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M. ALSO BEING
THE CENTERLINE OF LAKE MEAD BOULEVARD AS SHOWN ON A
MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE FILE 15
PAGE 52 OF RECORD OF SURVEYS, CLARK COUNTY, NEVADA,
OFFICIAL RECORDS.

NOTE

ALL SUBSTANDARD, CRACKED, OR BROKEN OFFSITE IMPROVEMENTS MUST BE REPLACED AT THE DISCRETION OF CITY INSPECTORS.

LEGEND

- | | | | |
|---|--------------------------------|---|--------------------------|
|  | PROPOSED ELEVATION |  | STREET CENTERLINE |
|  | EXISTING ELEVATION |  | SWALE |
|  | FUTURE ELEVATION |  | PROPOSED GRADE |
|  | EXISTING CONTOUR (1' INTERVAL) |  | EXISTING GRADE |
|  | EXISTING CONTOUR (5' INTERVAL) |  | FUTURE GRADE |
|  | 6' BLOCK WALL | | |
|  | DIRECTION OF FLOW | | GRADE BREAK |
|  | PAD ELEVATION | TC | TOP OF CURB |
|  | FINISH FLOOR ELEVATION | FL | FLOW LINE |
|  | SCARP | BCR | BEGINNING OF CURB RETURN |
|  | CONSTRUCTION NOTE | FG | FINISH GRADE |
|  | PROPERTY LINE | HP | HIGH POINT |
|  | PROP. 6' TUBULAR STEEL FENCE | SW | SIDEWALK |
|  | EXISTING CURB & GUTTER |  | BUILDING NUMBER |
| | | | FLOOR PLAN |

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HEBERT & MERRILL "B" TRAILWAY SCHOOL FOR GIRLS



VEGETATION MAP

CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS PUBLISHED BY THE MISSOURI DEPARTMENT OF HIGHWAY CONSTRUCTION.
2. ALL MATERIALS SHALL BE OF THE BEST QUALITY AVAILABLE AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.
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10. ALL MATERIALS SHALL BE OF THE BEST QUALITY AVAILABLE AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.

EXPLANATION

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NO.	DESCRIPTION	QUANTITY	UNIT	PRICE
1	GRAVEL	100,000	CU YD	1.00
2	CRUSHED ROCK	50,000	CU YD	1.00
3	PORTLAND CEMENT	100,000	BA	1.00
4	STEEL REINFORCING	100,000	LB	1.00
5	CONCRETE	100,000	CU YD	1.00
6	PAVING	100,000	CU YD	1.00
7	GRASS SEED	100,000	LB	1.00
8	SOIL	100,000	CU YD	1.00
9	WATER	100,000	CU YD	1.00
10	DRILLING	100,000	CU YD	1.00

EXPLANATION

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HEBERT & MERRILL "B" TRAILWAY SCHOOL FOR GIRLS

ST. LOUIS, MISSOURI

DESIGNED BY

ENGINEER

CONTRACT NO.

DATE

SCALE

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