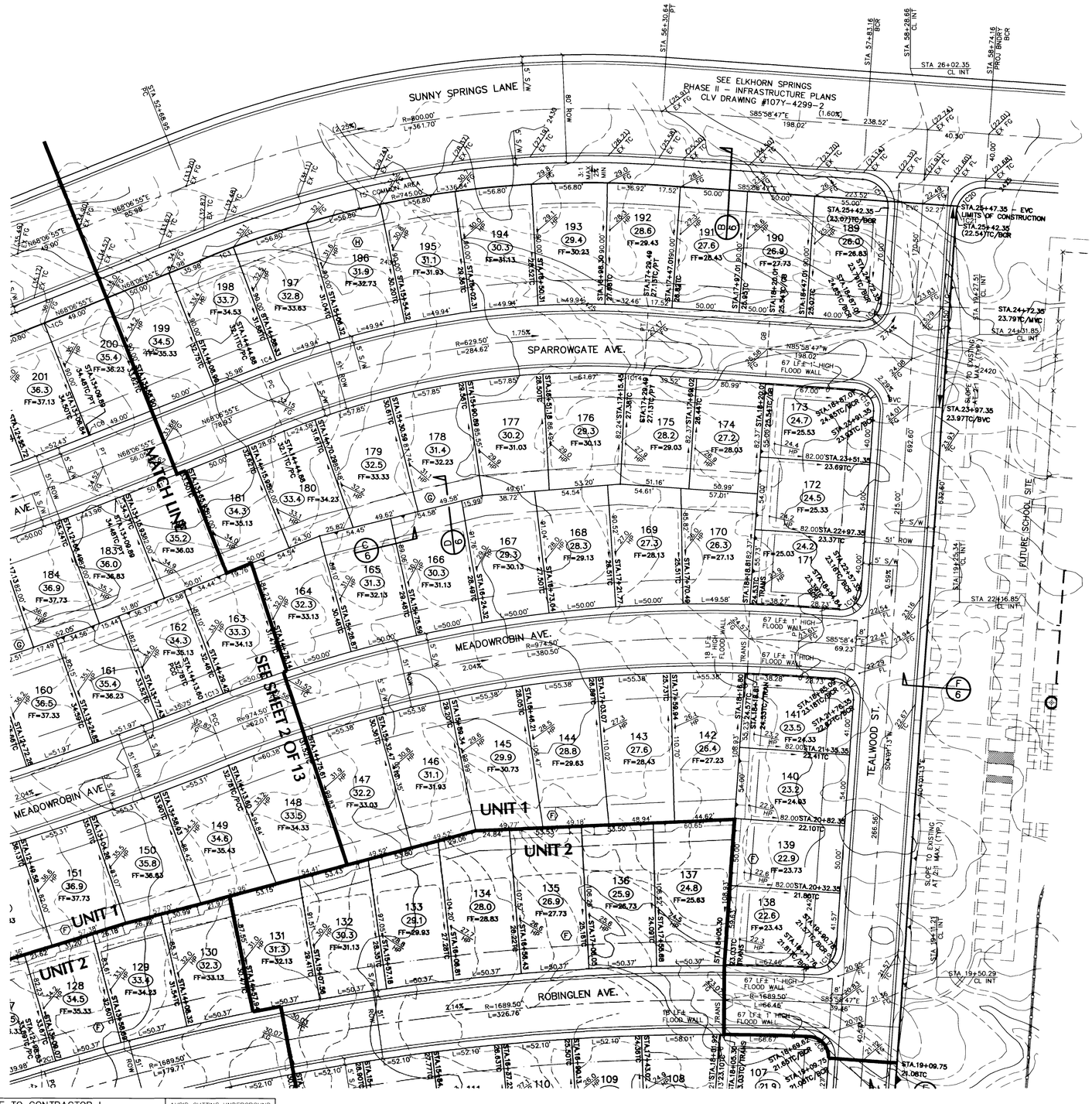


DESIGN ELEVATION NOTE:

– ADD 2400' TO ALL DESIGN ELEVATIONS

UNIT 1 LINE DATA TABLE

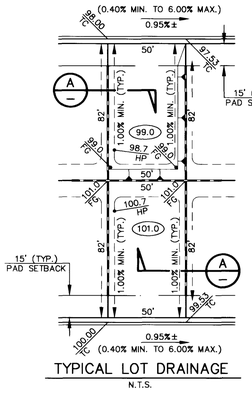
LINE	DIRECTION	DISTANCE
1L1	N68°06'55"E	6.04'

UNIT 1 CURVE DATA TABLE

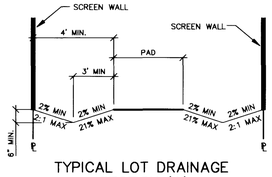
CURVE	RADIUS	LENGTH	TANGENT	DELTA
1C1	20.00'	31.42'	20.00'	90°00'00"
1C2	15.00'	23.56'	15.00'	90°00'00"
1C3	745.00'	15.92'	7.96'	01°13'27"
1C4	655.00'	13.99'	7.00'	01°13'27"
1C5	1855.00'	1.00'	0.50'	00°01'51"
1C6	1945.00'	1.04'	0.52'	00°01'51"
1C7	25.00'	12.44'	6.35'	28°30'01"
1C8	61.00'	4.15'	2.07'	03°53'47"
1C9	61.00'	0.87'	0.43'	00°48'55"
1C10	25.00'	12.18'	6.21'	27°54'20"
1C11	15.00'	27.95'	20.18'	106°44'57"
1C12	25.00'	31.37'	18.13'	71°53'31"
1C13	1000.00'	16.23'	8.11'	00°55'47"
	604.00'	13.47'	6.74'	01°16'41"
	15.00'	23.56'	15.00'	90°00'00"
	15.00'	23.56'	15.00'	90°00'00"
	15.00'	23.56'	15.00'	90°00'00"
	15.00'	19.34'	11.28'	73°52'39"
	15.00'	23.18'	14.62'	88°31'29"
	20.00'	26.36'	15.49'	75°31'21"
	20.00'	5.05'	2.54'	14°28'39"
	15.00'	23.97'	15.41'	91°32'52"

LEGEND

———	UNIT LINE
- - -	EXISTING GRADE CONTOUR
( )	EXISTING ELEVATION
1.00%	RATE & DIRECTION OF FLOW
——→	LOT DRAINAGE SWALE
——→	SCARP (2' HOR. TO 1' VERT.) UNLESS OTHERWISE NOTED
(00.0)	ROUGH PAD ELEVATION
GB	GRADE BREAK
TC	TOP OF CURB ELEVATION
FL	FLOWLINE ELEVATION
FG	FINISH GRADE ELEVATION
——— ———	BUILDING SETBACK LINE
FF = 00.00	FINISH FLOOR ELEVATION
HP	SWALE HIGH POINT
BVC	BEGIN VERTICAL CURVE
EVC	END VERTICAL CURVE
— – —	CENTER LINE
47	LOT NUMBER
(D)	BLOCK LETTER
———	FLOOD WALL (1ST 2 ROWS OF BLOCK ABOVE TOP OF CURB FULLY GROUTED)



TYPICAL LOT DRAINAGE
N.T.S.



TYPICAL LOT DRAINAGE SECTION 'A'
SCALE: N.T.S.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

BENCHMARK

PROJECT DATUM=NGVD29 NO. 14 STATION 1LV9021N6 3" BRASS CAP USC & GS BM #113 3/4 MILE NORTH OF 1LV9028NNE6 50' FT. EAST OF OLD RAILROAD BED.
ELEVATION = 2452.515
EQUATION ELEVATION = 2452.515+2.401'=2454.916
(TO NAVD88) (747.5266M=0.7318M=748.2584M)

BASIS OF BEARING

THE BEARING ALONG THE CENTERLINE OF ELKHORN ROAD BETWEEN CIMARRON ROAD AND BUFFALO DRIVE AS SHOWN IN ELKHORN SPRINGS – UNIT NO. 1 MAP IN BOOK 60, PAGE 72, OF PLATS ON FILE AT THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

BEARING NORTH 85°49'40" WEST

EARTHWORK ESTIMATE

CUT = 72,800 CY± FILL = 40,800 CY±

"I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS"

Donald W. Mayo 6-22-96
PE#6763 DATE

SEE PLAN & PROFILES FOR H/C RAMP DATA

SEE SHEET 6 OF 13 FOR GRADING NOTES & DETAILS

NOTICE TO CONTRACTOR !

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL 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 UTILITIES IT'S COSTLY.
CALL before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

NO.	DATE	BY	APP'D	REVISION DESCRIPTION

PROFESSIONAL ENGINEER-STATE OF NEVADA
DONALD W. MAYO
No. 6763
CIVIL
STAMP DATE 6-22-96

SOUTHWEST ENGINEERING
LAND PLANNING • MAPPING • DEVELOPMENT
5426 W. VEGAS DRIVE
LAS VEGAS, NEVADA 89106
(702) 648-9700

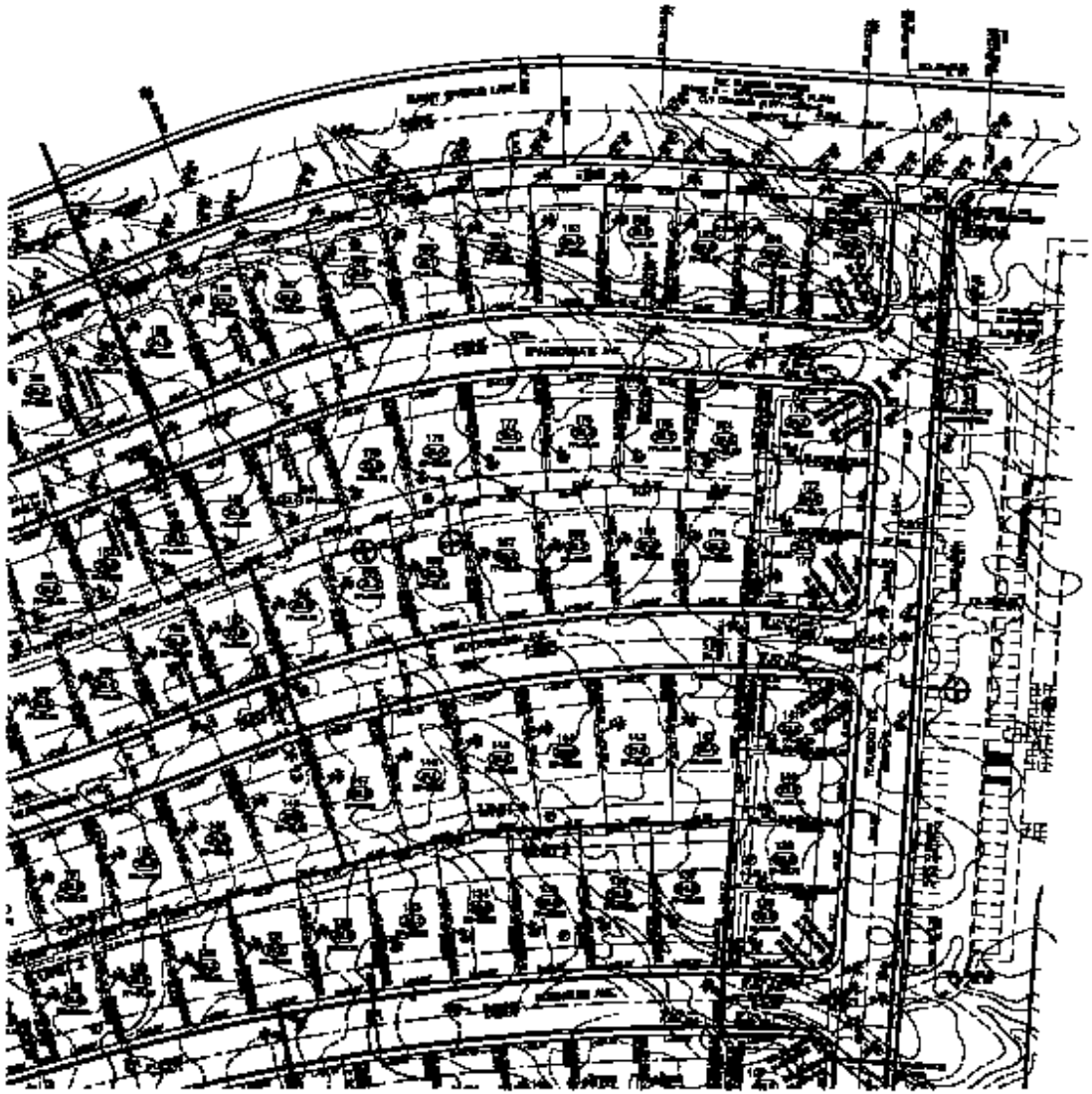
TITLE: GRADING PLAN
PROJECT: NORTHERN LIGHTS at ELKHORN SPRINGS
UNIT 1

WORK ORDER NO: 950925.3
DESIGN BY: C.M./M.J./S.G.
DATE: 3/25/96
SCALE: 1" = 40'
CADFILE: NL-GRAD.DWG
SHEET 3 OF 13 SHEETS

G:\SSKPROJ\950925\DWG\NL-GRAD Sat Jun 22 11:33:49 1996 S. GROVES

1449 11-30-65

107Y-4460-1



DESIGN ELEVATION NOTE:

UNIT 1 LINE DATA TABLE

UNIT 1 CURVE DATA TABLE

LEGEND

TYPICAL LOT DRAINAGE

TYPICAL LOT DRAINAGE SECTION "A"

GRAPHIC SCALE

BENCHMARK

BASIS OF BEARING

EARTHWORK ESTIMATE

NOTICE TO CONTRACTOR

CALL before you Dig

11-30-15

107Y-4480-1

NORTHERN LIGHTS at ELKHORN SPRINGS

UNIT 1

GRADING PLAN