

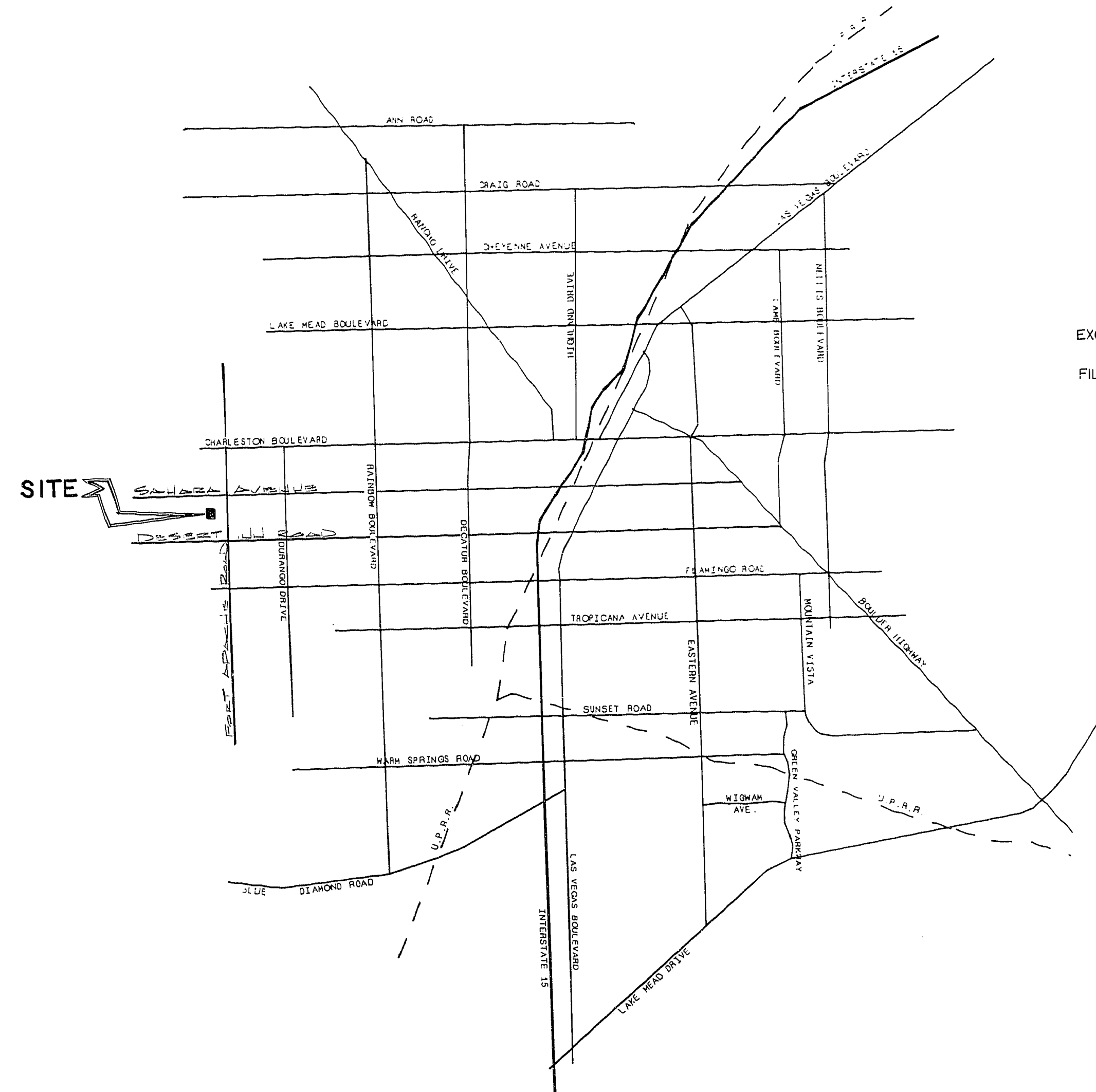
GRADING PLAN OF THE LAKES ESTATES CITY OF LAS VEGAS

GENERAL NOTES

1. ALL GRADES SHOWN HEREON ARE ROUGH GRADE ONLY AND ARE 0.3 FEET LOW TO ALLOW FOR LANDSCAPING EXCEPT T.C., F.L. AND F.G. WHICH ARE TO FINISH GRADES.
2. SEE IMPROVEMENT PLANS FOR STREET SECTIONS AND STREET DETAILS. SEE FINAL MAP FOR EXACT BEARINGS AND DISTANCES.
3. THE QUANTITIES SHOWN HEREON ARE ESTIMATES ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES.
4. CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
5. ALL GRADING TO CONFORM TO SOILS REPORT BY WESTERN TECHNOLOGIES INC.
6. ALL LOTS ARE TO BE F.H.A. TYPE "A" DRAINAGE UNLESS OTHERWISE NOTED.

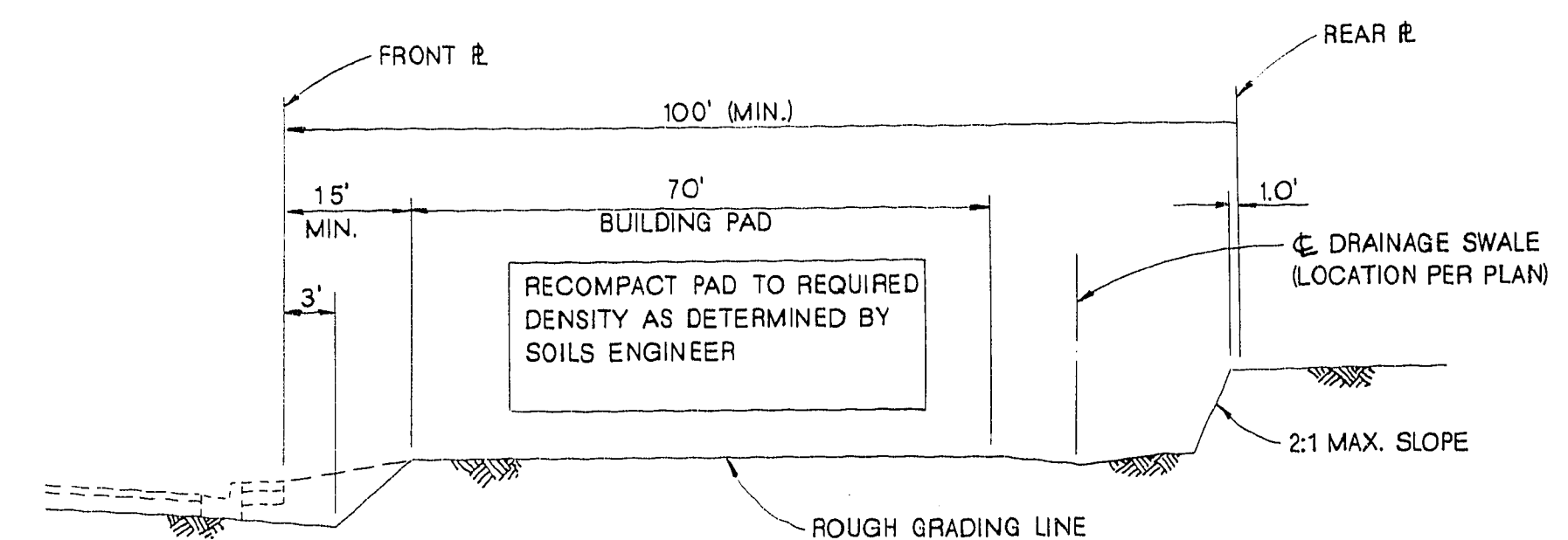
BENCH MARK

CLARK COUNTY BENCH MARK NO. C105W04: RAILROAD SPIKE AT INTERSECTION OF SAHARA AVE. AND DURANGO DR.
ELEVATION = 2659.63'
(C.C. DATUM -1.04' = C.L.V. DATUM)



GRADING QUANTITIES

EXCAVATION -	ONSITE	78,399 C.Y.
	OFFSITE (STS.)	6,532 C.Y.
FILL -	ONSITE	59,594 C.Y.
	OFFSITE (STS.)	1,617 C.Y.
	0.1 SUBSIDENCE	6,211 C.Y.
	10% SHRINKAGE	6,121 C.Y.
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	TOTAL EMBANKMENT =	73,543 C.Y.
	TOTAL EXCAVATION =	84,931 C.Y.
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	BALANCE (EXCESS)	8,388 C.Y.



TYPICAL ROUGH GRADING SECTION

APPROVALS

[Signature] 7-1-87
C.L.V. CITY ENGINEER

[Signature] 7-1-87
C.L.V. QUALITY CONTROL ENGINEER

[Signature] 7-1-87
C.L.V. CHIEF LAND DEVELOPMENT

OWNER

Green Valley Investments
P.O. Box 42427 Huntridge Sta.
Las Vegas, Nevada 89116

DEVELOPER

Green Valley Investments
P.O. Box 42427 Huntridge Sta.
Las Vegas, Nevada 89116

ENGINEERS & SURVEYORS INCORPORATED
701 W. CHARLESTON BLVD.
LAS VEGAS, NEVADA 89101
PHONE: 735-1111

PAUL E. [Signature]
SUBMITTED BY
1/13/87

COVER SHEET

PROJECT THE LAKES ESTATES

WO NO 4025

BY D. REED

DATE 12/80

SCALE NONE

SHEET 11

OF 15 SHEETS