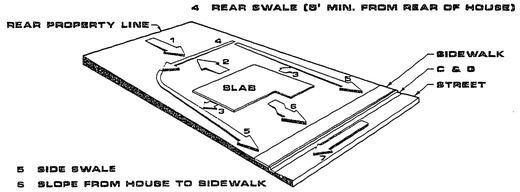
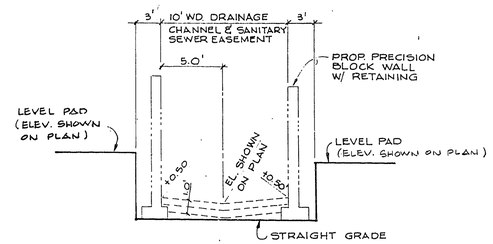
1 SLOPE FROM REAR TO SWALE
2 SLOPE FROM HOUSE TO SWALE
3 SLOPE FROM HOUSE TO SIDE SWALE
4 REAR SWALE (3' MIN. FROM REAR OF HOUSE)

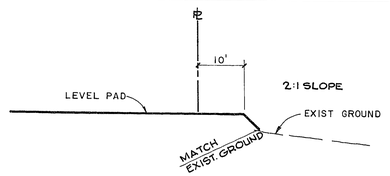


5 SIDE SWALE
6 SLOPE FROM HOUSE TO SIDEWALK
7 SLOPE OF STREET

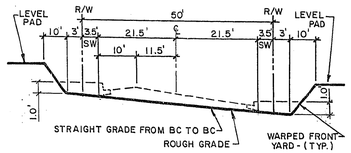
F.H.A. TYPE "A" DRAINAGE



SECTION H / 21
NO SCALE

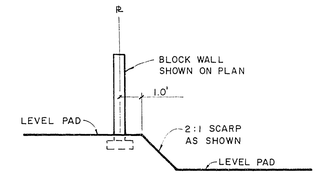


SECTION G / 21
NO SCALE

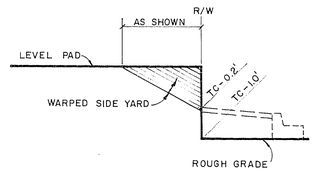


NOTE: ALL ELEVATIONS SHOWN ON PLANS

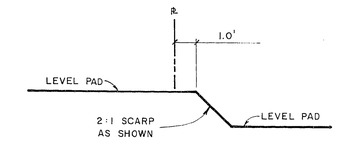
SECTION F / 21
48' OFFSET CROWN STREET
NO SCALE



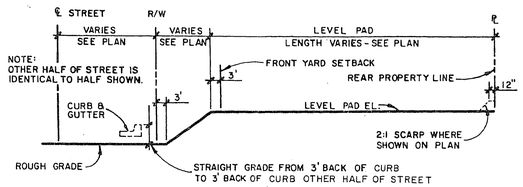
REAR YARD SECTION E / 21
NO SCALE



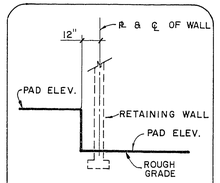
CORNER LOT SECTION D / 21
NO SCALE



SIDE YARD SECTION C / 21
NO SCALE



SECTION B / 21
NO SCALE



SECTION A / 21
NO SCALE

GRADING NOTES

1. INDICATED GRADES OTHER THAN T.C., F.G. & GUTTER F.L. ARE ROUGH GRADES. (0.3' LOWER THAN FINISHED GRADE).
2. THE ROUGH GRADING PLANS SHALL BE ON THE JOB SITE AT ALL TIMES. THE ROUGH GRADING SHALL BE FINISHED IN CONFORMANCE WITH THE LINES AND GRADES SHOWN ON THE PLANS. THE GRADING QUANTITIES ARE BASED ON THE ELEVATION AND DETAILS SHOWN ON THE PLANS. ANY DEVIATIONS FROM THE PLANS WILL RESULT IN QUANTITY CHANGES.
3. ROUGH PAD ELEVATIONS SHALL BE GRADED TO WITHIN 0.1' OF THE PAD ELEVATIONS SHOWN ON THE PLANS. WHEN GRADING IS COMPLETE PER THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE LOTS CAN BE INSPECTED. AT THAT TIME THE ENGINEER SHALL ALSO DECIDE IF ANY ADDITIONAL DITCHES OR BERMS ARE REQUIRED. THE CONTRACTOR IS REQUESTED NOT TO REMOVE ANY OF HIS ROUGH GRADING EQUIPMENT UNTIL HE RECEIVES GRADING APPROVAL FROM THE ENGINEER.
4. SOILS PREPARED BY WESTERN TECHNOLOGIES, INC., WTI, PROJECT NO. 4127J139 DATED: JULY 17, 1987.
5. EARTH QUANTITIES:

   EXCAVATION: 45,800 C.Y.
   FILL: 29,600 C.Y.

   A) THE ABOVE QUANTITIES DO NOT REFLECT LOSSES DUE TO SUBSIDENCE OR SHRINKAGE.

   B) THE ABOVE QUANTITIES DO NOT REFLECT USING TYPE 1 GRAVEL BASE MATERIAL FOR STREET SECTIONS.

   C) THE ABOVE QUANTITIES DO NOT INCLUDE EARTHWORK TO CONSTRUCT, PERIMETER SWALES, DITCHES & BERMS AS SHOWN ON THE PLANS.

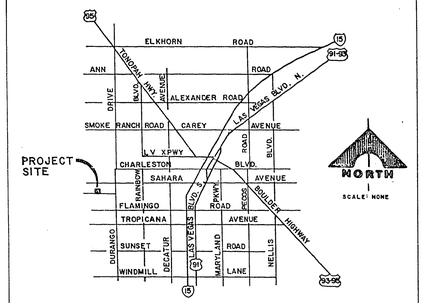
   D) THE ABOVE QUANTITIES DO NOT REFLECT ANY EARTHWORK WHICH MAY BE REQUIRED BY THE ENGINEER TO CONSTRUCT ADDITIONAL PROTECTIVE DITCHES OR BERMS NOT SHOWN ON THESE DRAWINGS.

6. OWNER AGREES THAT IF EXISTING NATIVE MATERIAL DOES NOT CONFORM TO SPECIFICATIONS FOR TYPE I BASE, OWNER WILL IMPORT TYPE I BASE FOR A.C. PAVEMENT AND COMPLY WITH C.L.V. STANDARDS.

ENGINEER'S EVALUATION OF GRADING QUANTITIES

USING A SHRINKAGE FACTOR OF 20% AND SUBSIDENCE OF 0.10' TO 1', AN ESTIMATE FOR THE GRADING IS SHOWN BELOW. PLEASE NOTE THAT THESE QUANTITIES ARE ONLY AN ESTIMATE. ACTUAL QUANTITIES MAY DIFFER FROM THE ESTIMATE DUE TO SOIL VARIATIONS IN THE FIELD. QUANTITIES FOR ADDITIONAL DITCHES & BERMS THAT MAY BE REQUIRED BY THE ENGINEER ARE NOT INCLUDED.

	CUT	FILL
COMPUTED VOL	45,800 C.Y.	29,600 C.Y.
SUBSIDENCE (0.1' TO 1')	- 2,400 C.Y.	+ 2,400 C.Y.
SUBTOTAL	43,400 C.Y.	32,000 C.Y.
SHRINKAGE (20%)		6,400 C.Y.
TOTAL	43,400 C.Y.	38,400 C.Y.
EXCESS		5,000 C.Y.



VICINITY MAP
NO SCALE

LEGEND

- (1) LOT NUMBER
- (1) BLOCK NUMBER
- (59.0) PAD ELEVATION
- (59.0) EXISTING PAD ELEVATION
- [59.0] FUTURE PAD ELEVATION
- 57.10 / FG FINISHED GRADE
- 57.10 EXISTING ELEVATION
- [57.10] FUTURE ELEVATION
- 57.1 ROUGH GRADE ELEVATION
- 57.10 / TC OR FG GRADE BREAK
- 2:1 SCARP
- DITCH OR SWALE
- 56 EXISTING CONTOUR
- VERTICAL CUT (NO SCARP) (SEE SECTION A/21)

Avoid cutting underground utility lines. It's costly.

Call before you Dig.

1-800-227-2600
UNDERGROUND SERVICE (USA)

BENCHMARK

CLARK COUNTY BENCHMARK NO. CIOSW04:
RAILROAD SPIKE @ INTERSECTION OF SAHARA AVE. & DURANGO DR.

ELEVATION = 2659.63'
(C.C. DATUM -1.04' = C.L.V. DATUM)

DESCRIPTION	REV	DATE

RECOMMENDED FOR APPROVAL
DAVID P.N. HUCKLE
5256 R.E. NO.
4-15-88 DATE

G.C. WALLACE, INC.
Engineering/Architecture
1555 SOUTH RAINBOW BLVD. LAS VEGAS, NEVADA 89102

LEWIS HOMES OF NEVADA
LEWIS HOMES - LAKES WEST NO.2

GRADING PLAN NOTES & DETAILS

SHEET 21 OF 27 SHEETS

JOB NO. 5543.8630

8/84 DIETERICH POST 65326

11-7-1990 107Y-2023-2