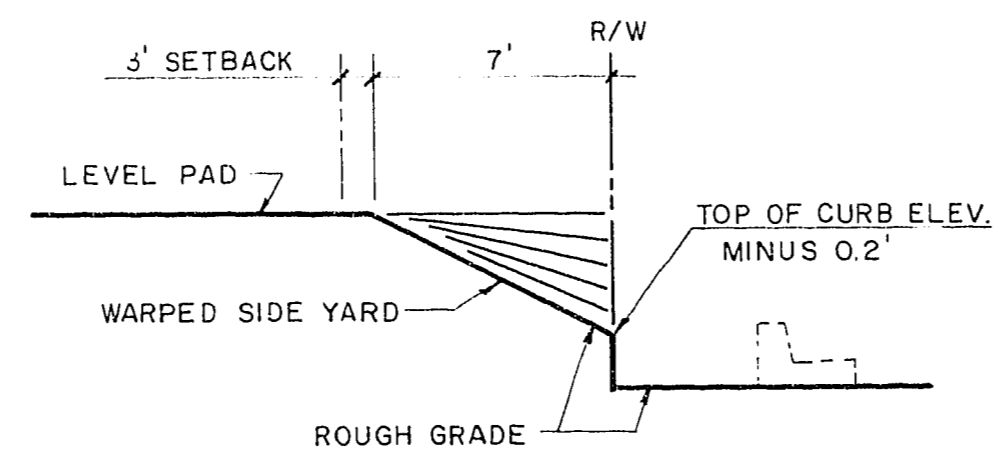
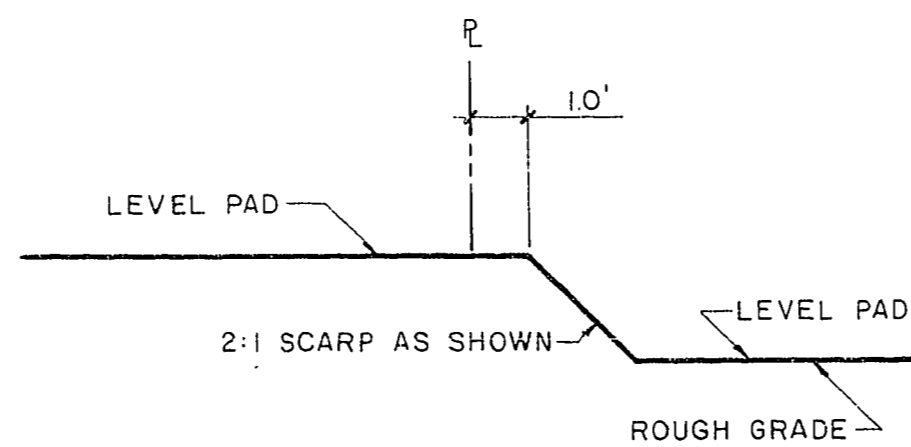


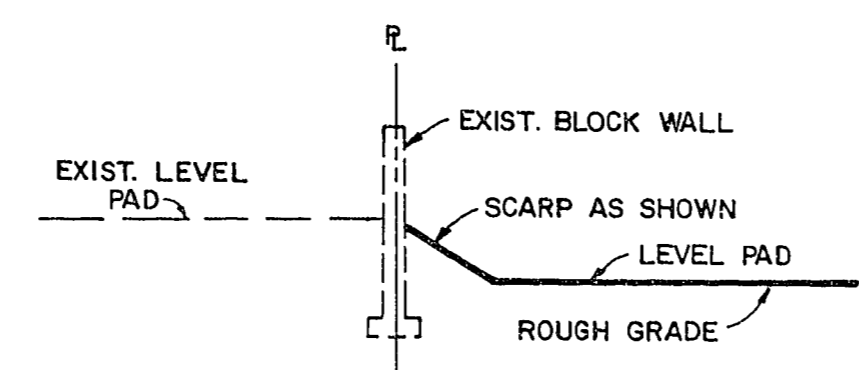
F.H.A. TYPE "A" DRAINAGE



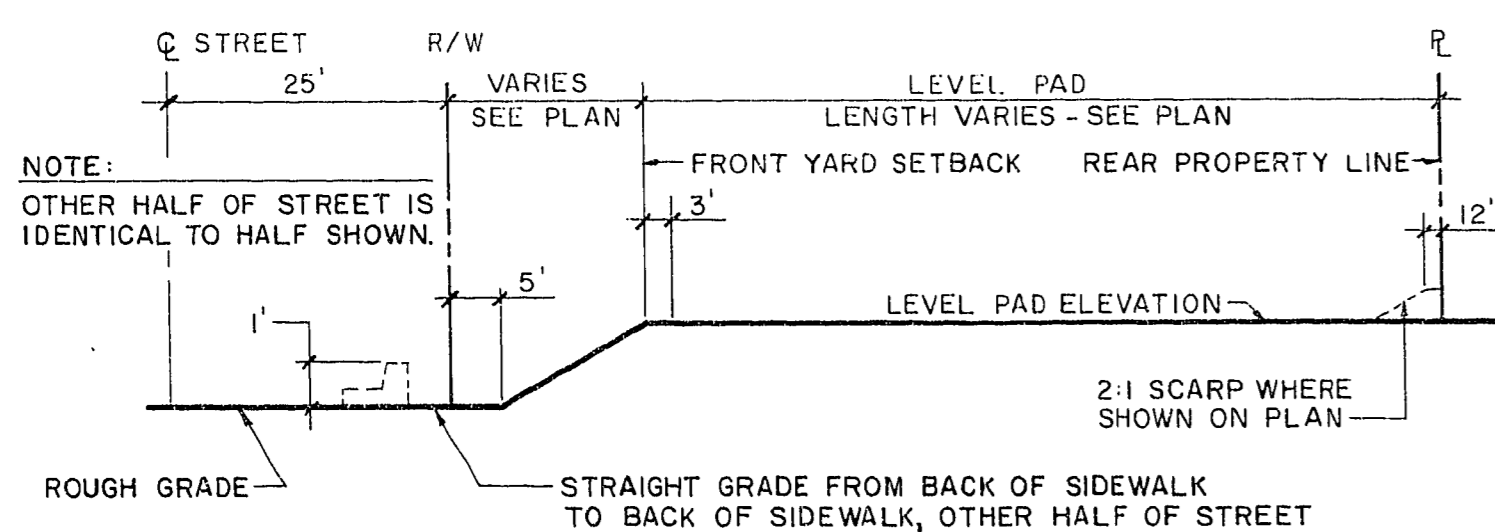
CORNER LOT SECTION NOT TO SCALE (C) 21



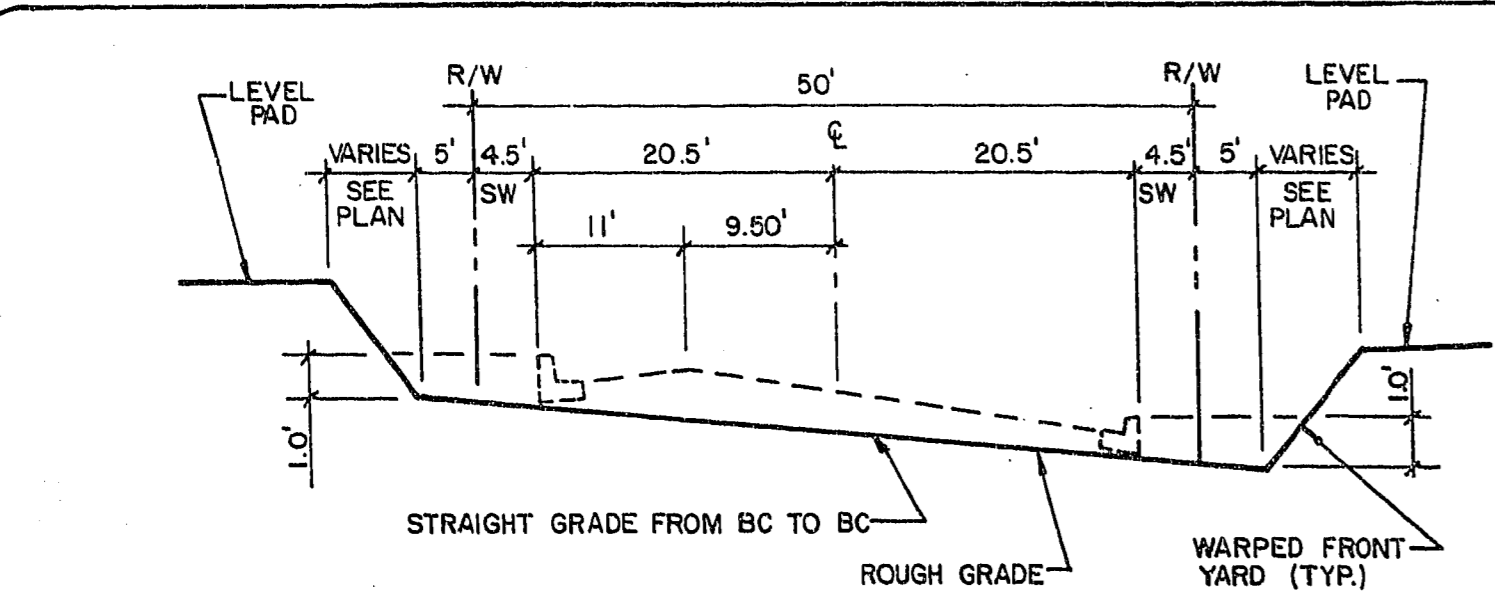
SIDE & REAR YARD SECTION NOT TO SCALE (D) 21



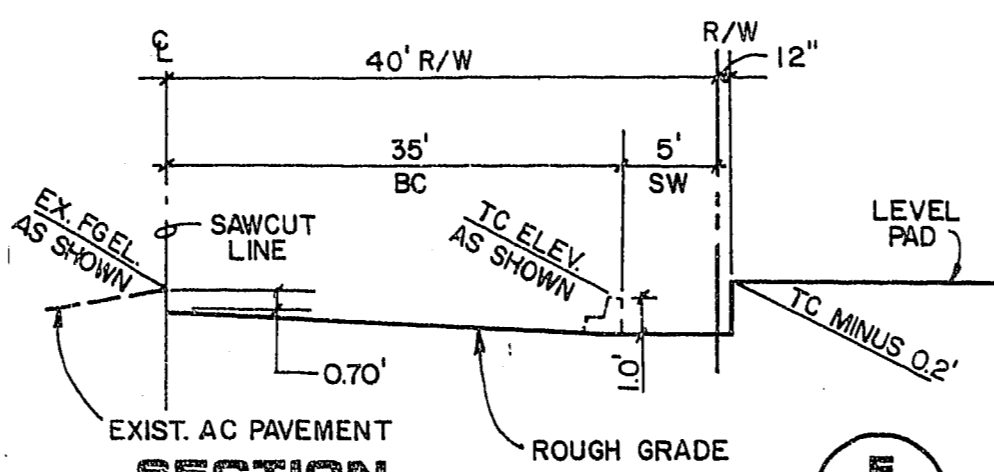
SECTION NOT TO SCALE (E) 21



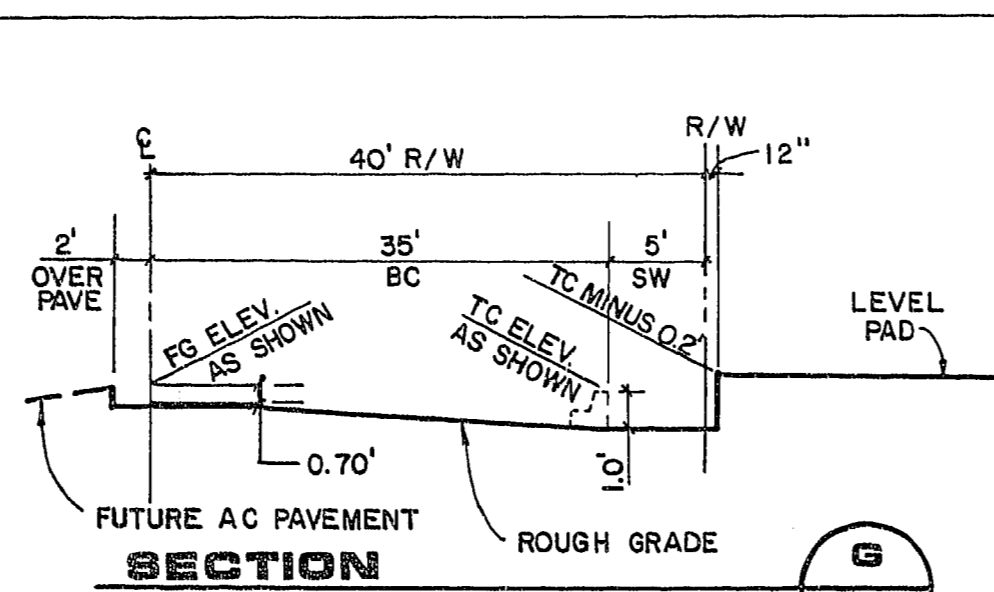
SECTION 50' STREET NOT TO SCALE (A) 21



SECTION 50' OFFSET CROWN STREET NOT TO SCALE (B) 21



SECTION (SEE NOTES 6 AND 7) (F) 21



SECTION (SEE NOTES 6 AND 7) (G) 21

GRADING NOTES

GRADING NOTES:

- INDICATED GRADES OTHER THAN T.C., F.G., & GUTTER F.L. ARE ROUGH GRADES (0.3' LOWER THAN FINISHED GRADE).
- 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.
- CARE SHOULD BE EXERCISED IN GRADING CORNER LOTS.
- 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.
- EARTH QUANTITIES:

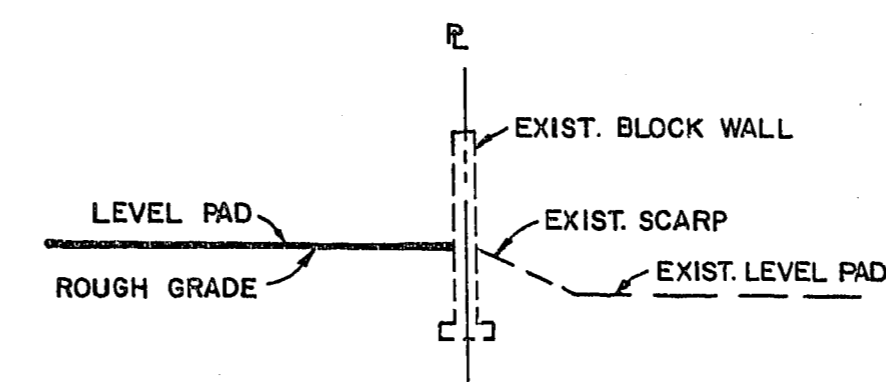
| | |
|------------|-----------|
| EXCAVATION | 21,160 CY |
| FILL | 13,380 CY |

 - THE ABOVE QUANTITIES DO NOT REFLECT LOSSES DUE TO SUBSIDENCE OR SHRINKAGE.
 - THE ABOVE QUANTITIES DO NOT REFLECT USING TYPE 1 GRAVEL BASE MATERIAL FOR STREET SECTIONS.
 - THE ABOVE QUANTITIES DO NOT REFLECT ANY EARTHWORK WHICH MAY BE REQUIRED BY THE ENGINEER TO CONSTRUCT ADDITIONAL PROTECTIVE DITCHES OR BERMS.
- OWNER AGREES THAT IF EXISTING NATIVE MATERIAL DOES NOT CONFORM TO SPECIFICATIONS FOR TYPE 1 BASE, OWNER WILL IMPORT TYPE 1 BASE FOR A.C. PAVEMENT.
- CUT FROM TOP OF CURB TO ROUGH GRADING DOES NOT INCLUDE TYPE 1 GRAVEL BASE.

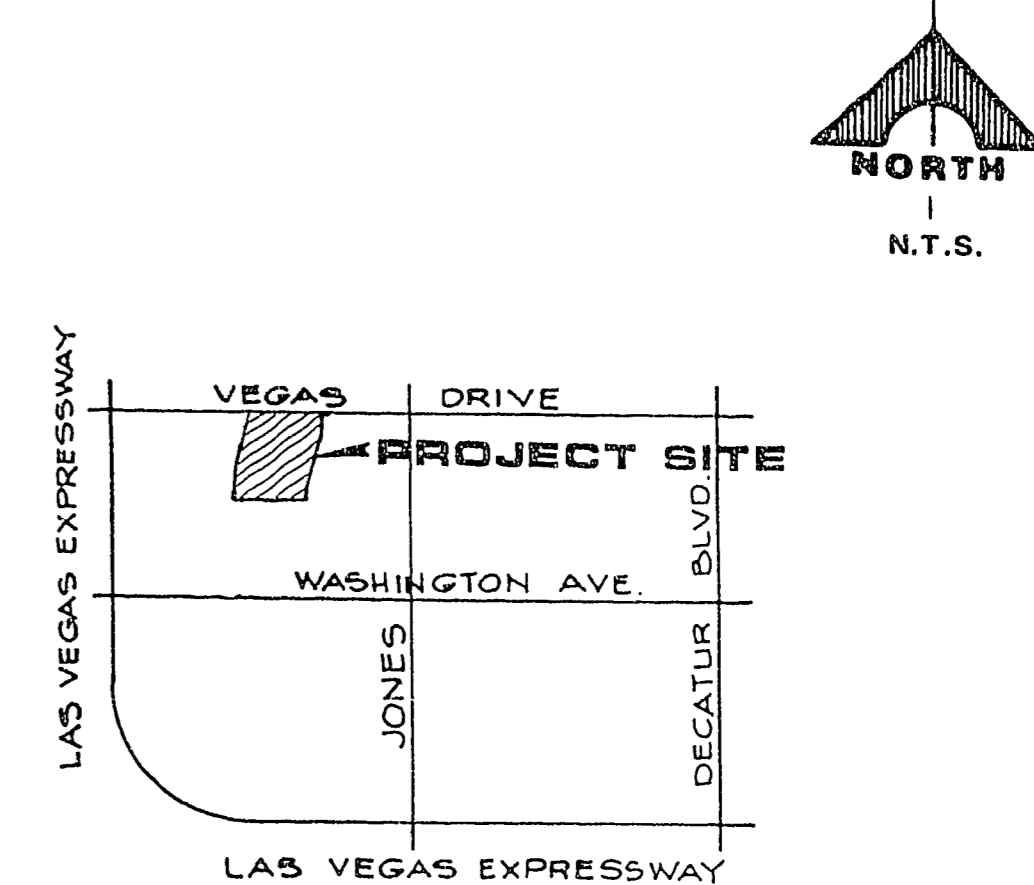
ENGINEER'S EVALUATION

USING A SHRINKAGE FACTOR OF 10% AND SUBSIDENCE OF 0.10 FOOT TO 1 FOOT AN ESTIMATE FOR THE GRADING IS SHOWN BELOW. PLEASE NOTE THAT THESE QUANTITIES ARE ONLY AN ESTIMATE. ACTUAL QUANTITIES MAY DIFFER FOR THE ESTIMATE DUE TO SOIL VARIATION IN THE FIELD. QUANTITIES FOR ADDITIONAL DITCHES & BERMS THAT MAY BE REQUIRED BY THE ENGINEER ARE NOT INCLUDED.

| | CUT | FILL |
|--------------------------|--------|--------|
| COMPUTED VOL. | 21,160 | 13,380 |
| SUBSIDENCE (0.10' TO 1') | 1,596 | 1,190 |
| SUBTOTAL | 19,564 | 14,570 |
| SHRINKAGE (10%) | | 1,460 |
| TOTAL | 19,564 | 16,030 |
| EXPORT (IMPORT) | 3,534 | |



SECTION (H) 21



VICINITY MAP

LEGEND

- (I) LOT NUMBER
- (A) 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

BENCHMARK

C.L.V. BRASS CAP IN CONCRETE MONUMENT AT 1/4 CORNER SECTION 23/26
 C.L.V. DATUM ELEVATION = 2,319.30

Avoid cutting underground utility lines. It's costly.
Call before you Dig.
 1-800-227-2600

DESCRIPTION

REV DATE

REVISIONS

DATE

G.C. WALLACE, INC.
 Engineering/Architecture

LEWIS HOMES OF NEVADA
 LEWIS HOMES - RAINBOW VISTA NO. 11

GRADING PLAN NOTES & DETAILS

SHEET

21

OF 22 SHEETS