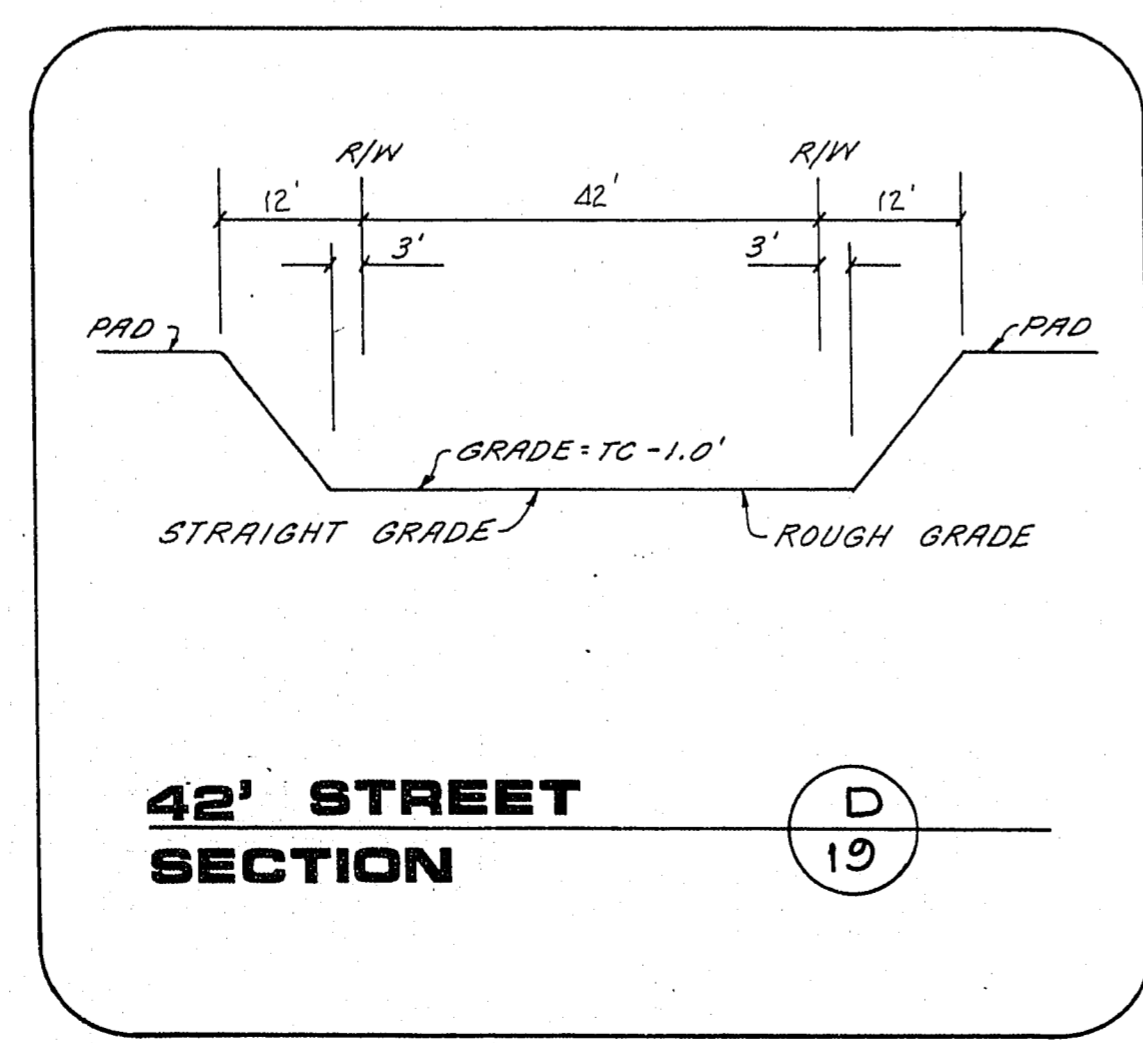
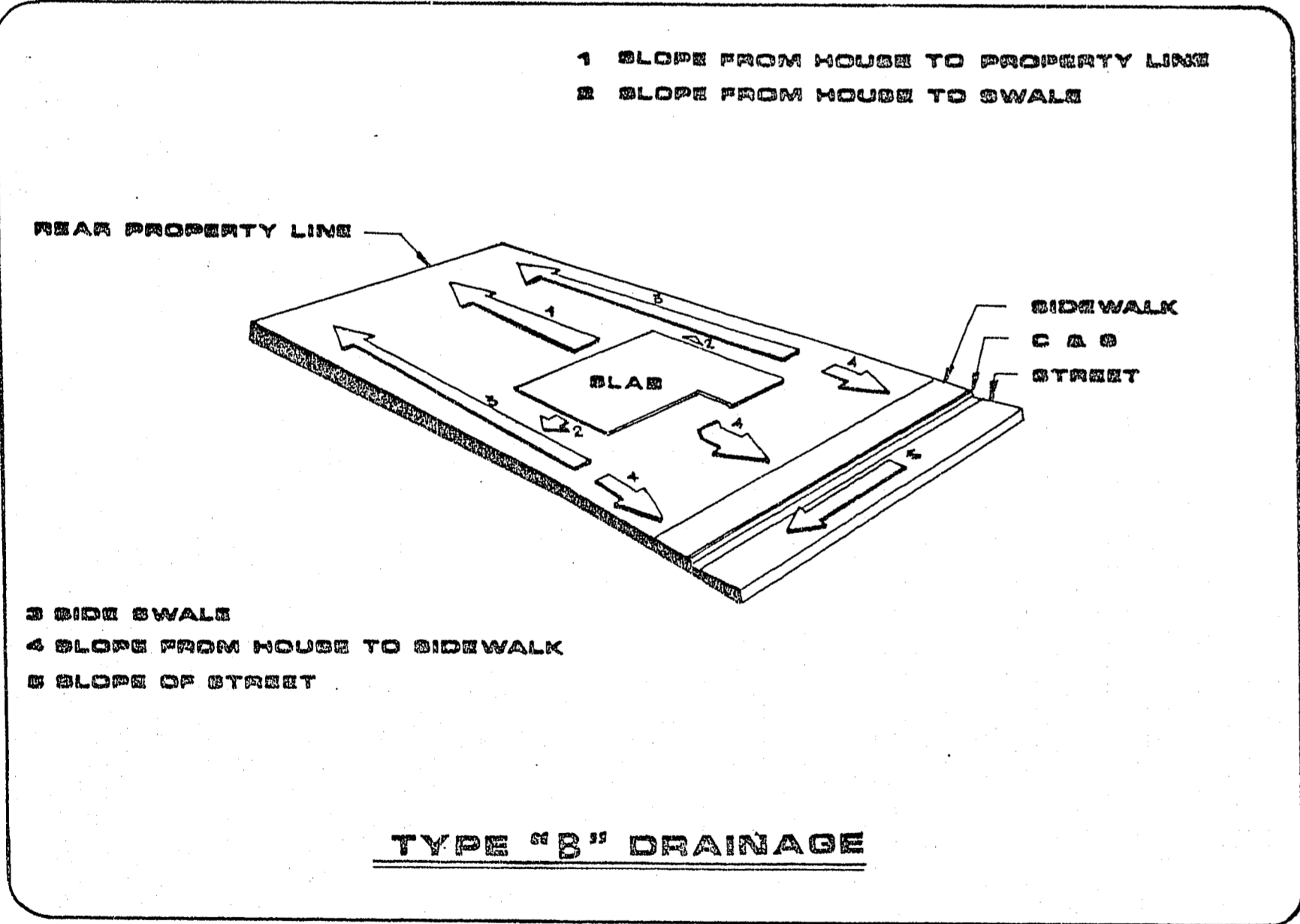
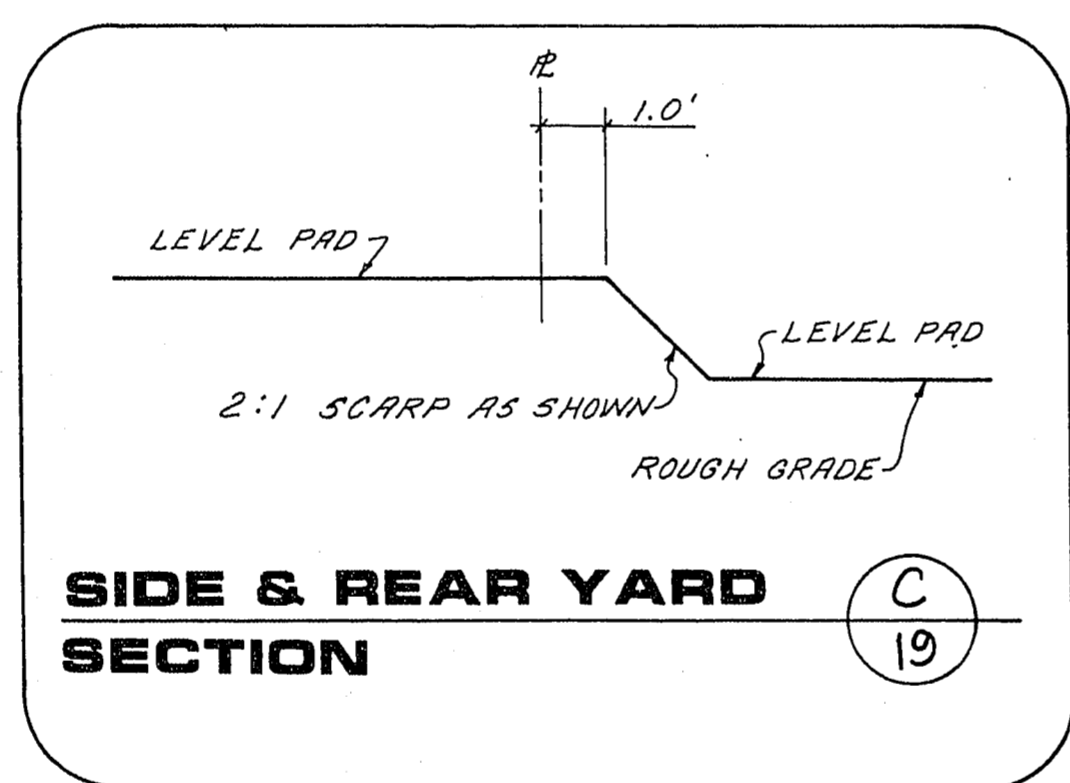
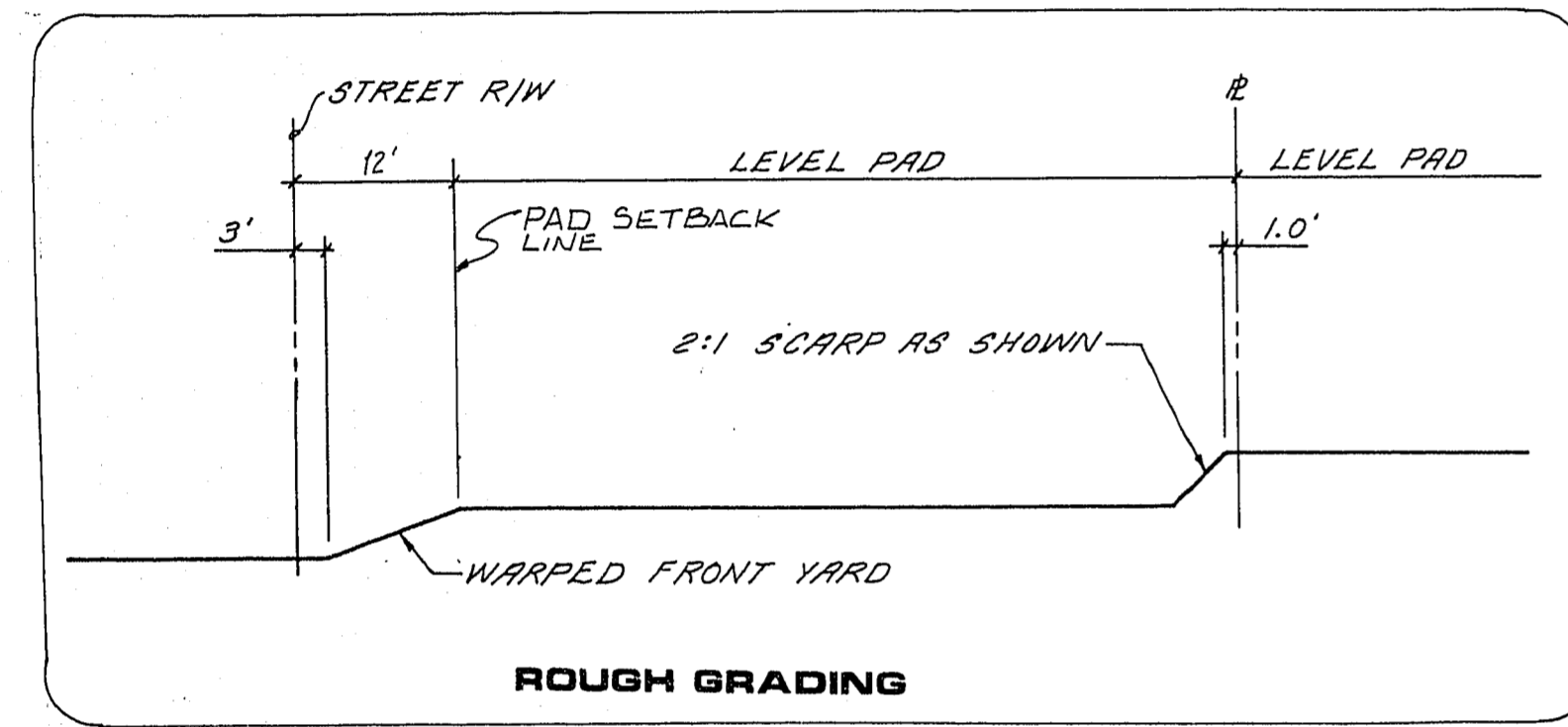
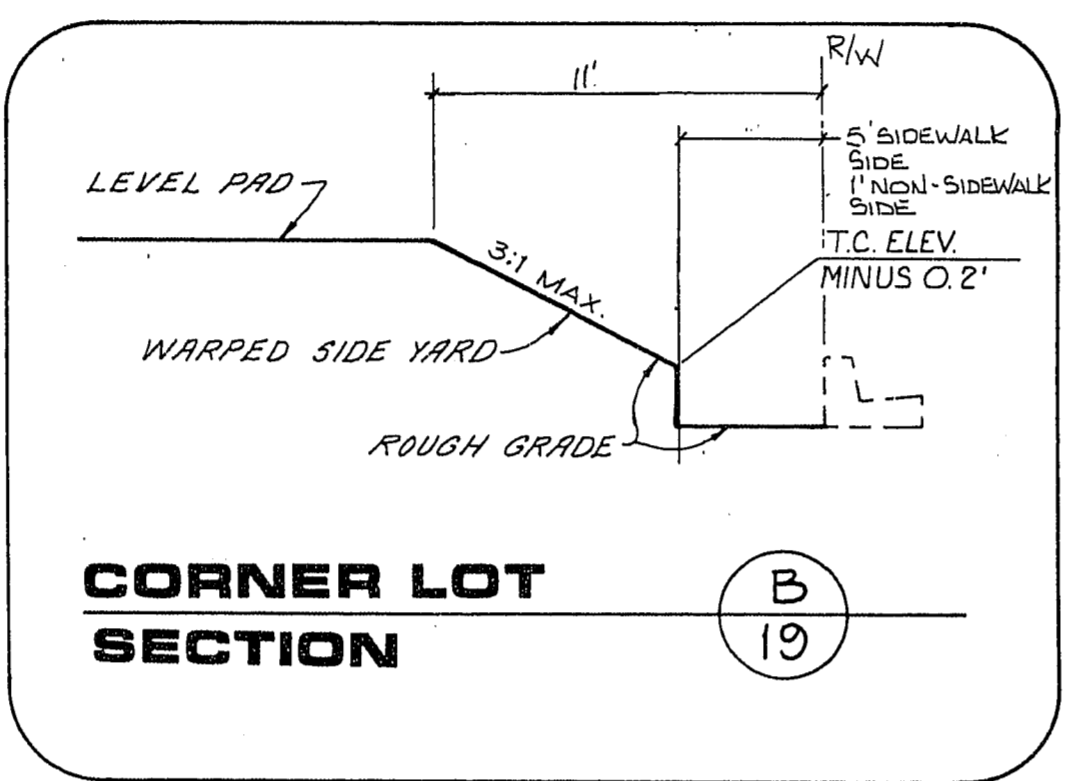
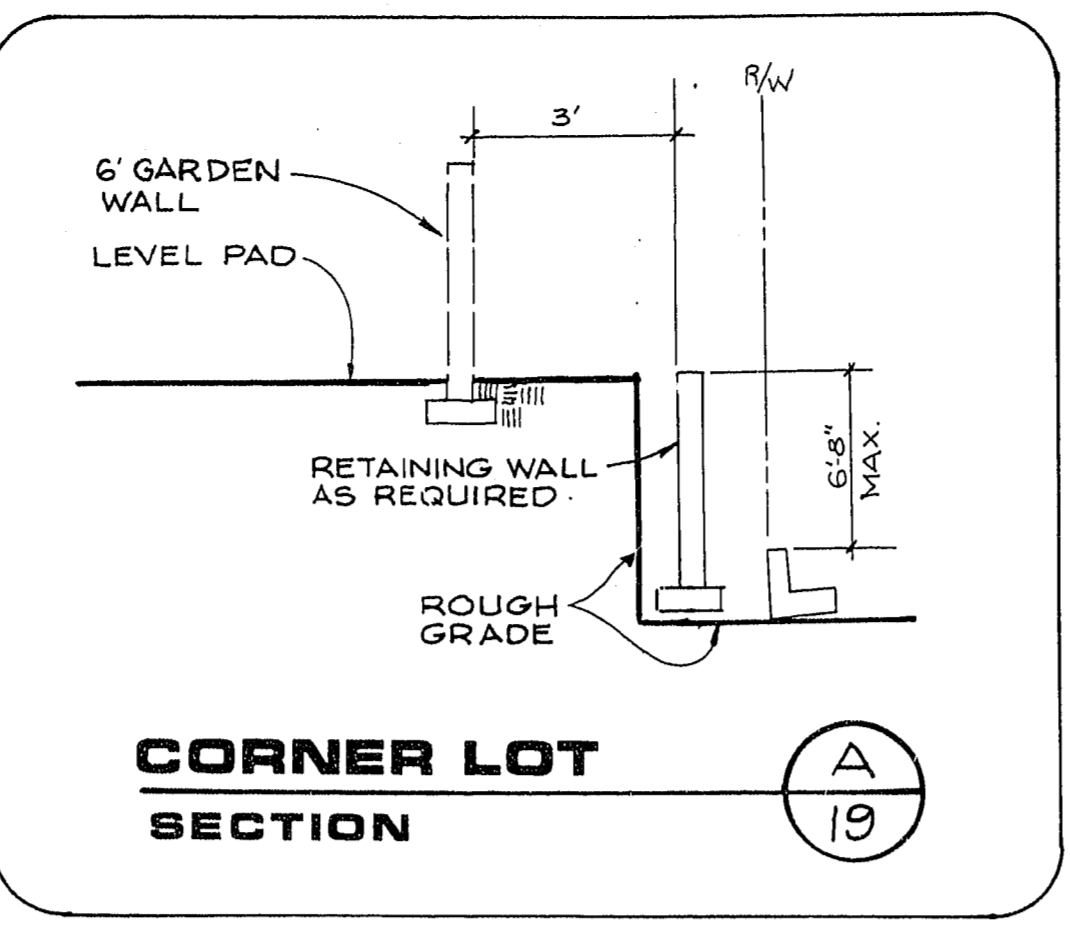


**F.H.A. TYPE "A" DRAINAGE**

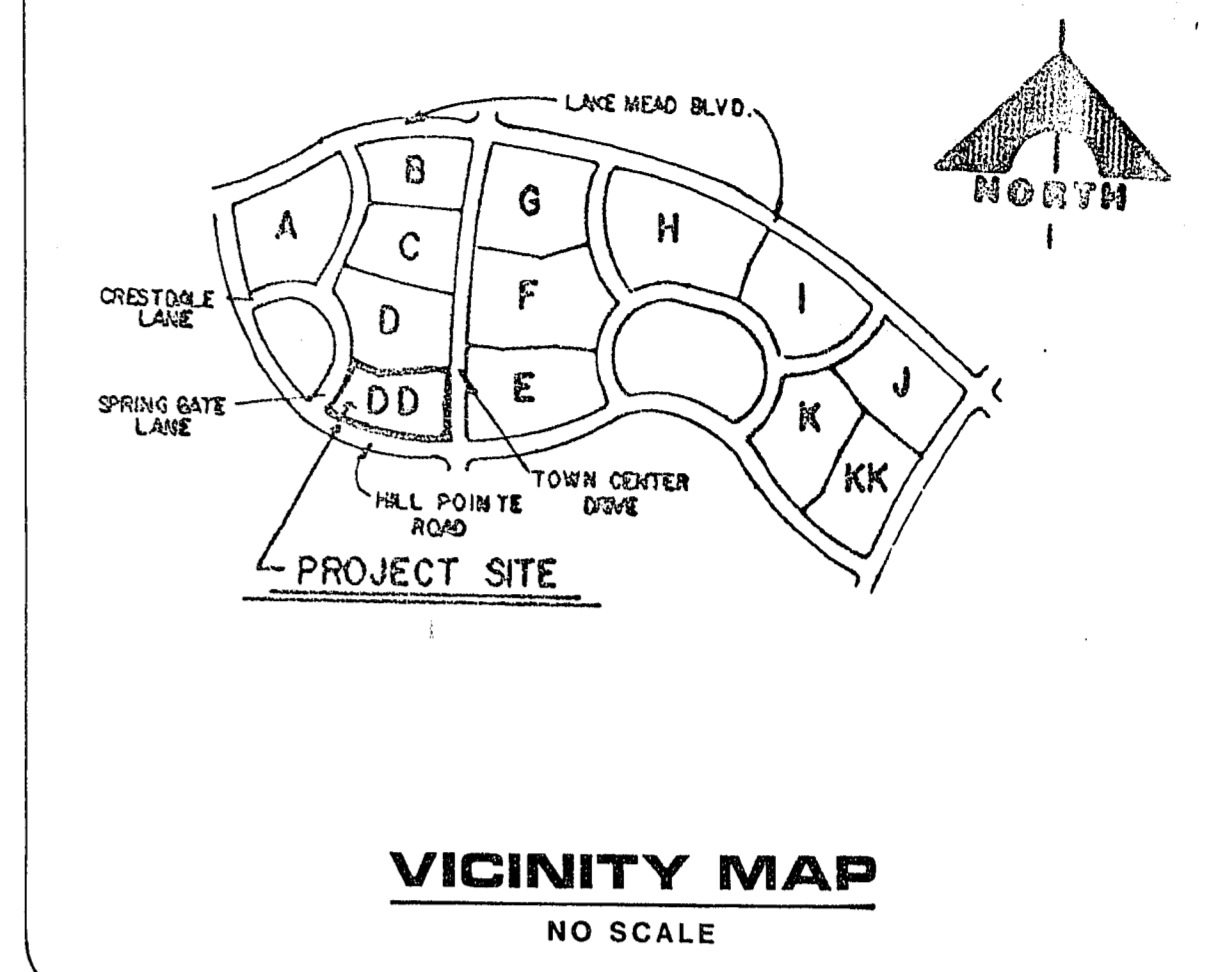
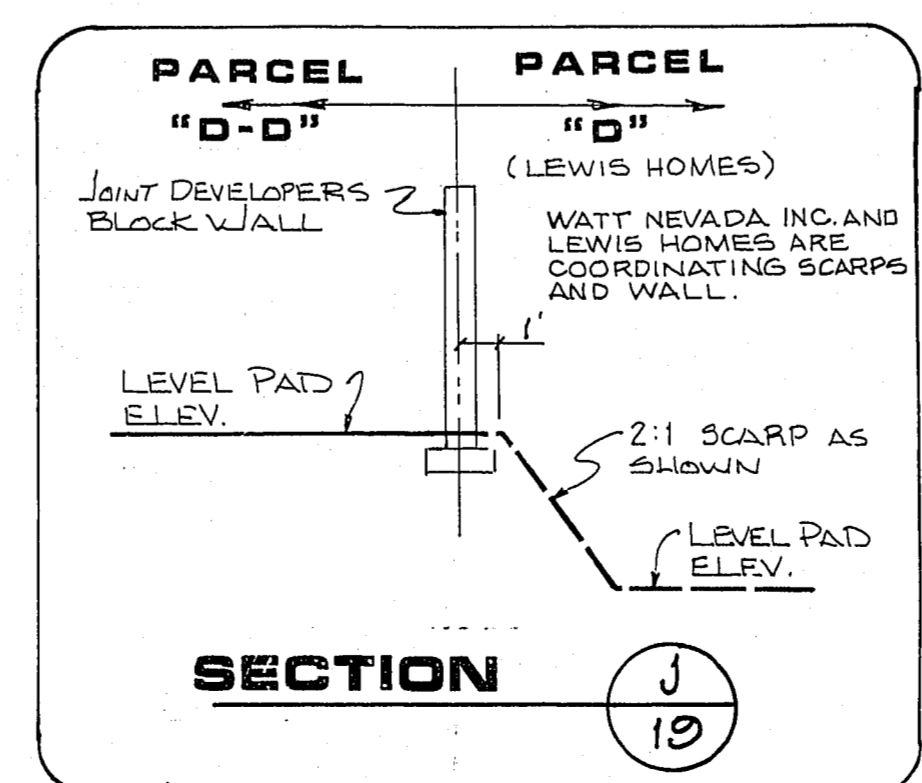
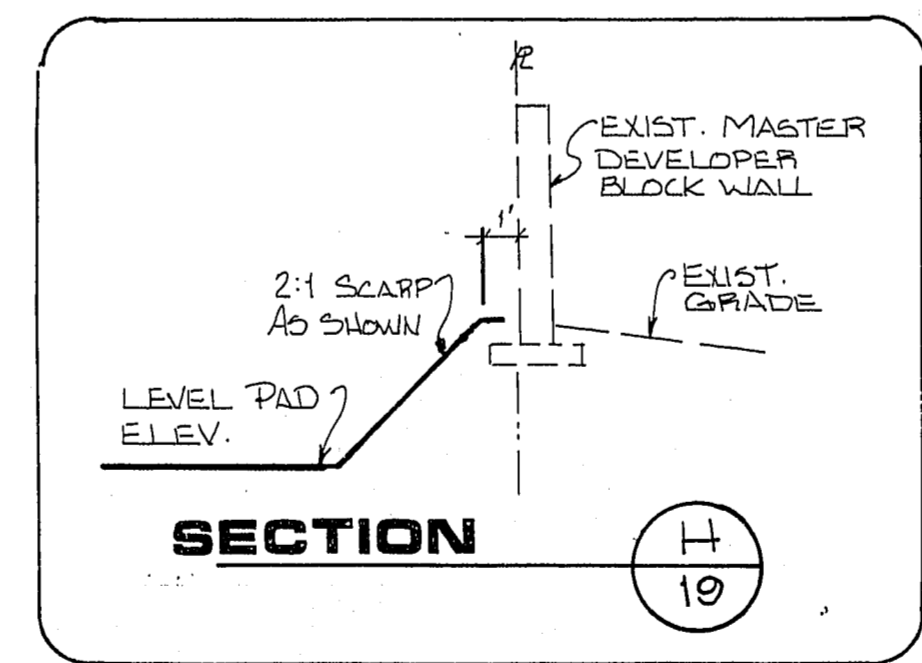
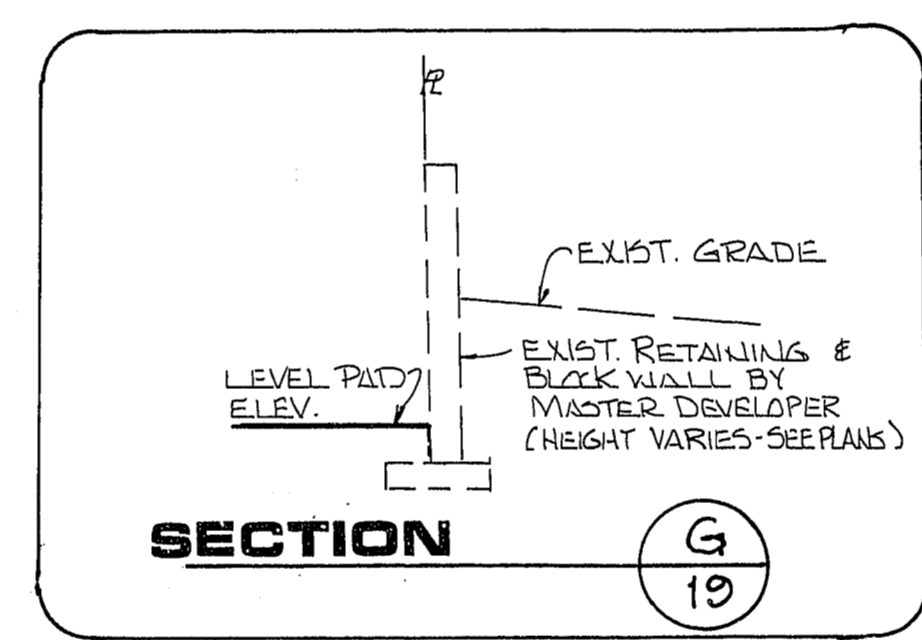


**GRADING NOTES**

- 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 SHALL BE EXERCISED IN GRADING OF REAR YARDS OF CORNER AND "B" TYPE DRAINAGE 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.
- SOILS REPORT PREPARED BY WESTERN TECHNOLOGIES, INC., PROJECT NO. 4120K096, DATED MARCH 22, 1990.
- EARTH QUANTITIES:
 

EXCAVATION	24,142 C. Y.
FILL	20,316 C. Y.

  - 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 INCLUDE EARTHWORK TO CONSTRUCT, PERIMETER SWALES, DITCHES & BERMS NOT SHOWN ON THE PLANS.
- 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 AND COMPLY WITH C.L.V. STANDARDS.
- CUT FROM TOP OF CURB TO ROUGH GRADING DOES NOT INCLUDE TYPE 1 GRAVEL BASE.



**LEGEND**

- (1) LOT NUMBER
- (1) BLOCK NUMBER
- (59.0) PAD ELEVATION
- (59.0) EXISTING PAD ELEVATION
- (59.0) FUTURE PAD ELEVATION
- 57.10 F.G. FINISHED GRADE
- 57.10 EXISTING ELEVATION
- 57.10 FUTURE ELEVATION
- 57.1 ROUGH GRADE ELEVATION
- 57.10 T.C. OR F.G. GRADE BREAK
- 2:1 SCARP
- DITCH OR SWALE
- 56- EXISTING CONTOUR

**BENCHMARK**

CHISELED + IN TOP OF CURB AT END OF CURB ON WEST SIDE OF DURANGO, 250' SOUTH OF WESTCLIFF, PER CITY OF LAS VEGAS DATUM ELEV = 2810.16

**ENGINEER'S CERTIFICATE**

I HEREBY CERTIFY THAT THESE PLANS AND/OR SPECIFICATIONS COMPLY WITH F.H.A. OBJECTIVES, MINIMUM PROPERTY STANDARDS, LOCAL ACCEPTABLE STANDARDS AND REQUIREMENTS, AND REPRESENT THE BEST OF MY PROFESSIONAL JUDGMENT.

DATE

Avoid cutting underground utility lines. It's costly.

**Call before you Dig.**

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

DESCRIPTION

REV. DATE

DATE 8-27-90

82,866 S.F. NO.

REVISIONS

STATE OF NEVADA  
 ENGINEER  
 DAVID R. HUCKLE  
 1990

1535 SOUTH RAINBOW BLVD. LAS VEGAS, NEVADA 89102

**G.C. WALLACE, INC.**  
 Engineering/Architecture

WATT NEVADA INC.  
 LAS COLINAS

**GRADING PLAN NOTES & DETAILS**

SHEET 19 OF 19 SHEETS

JOB NO. 729-0000