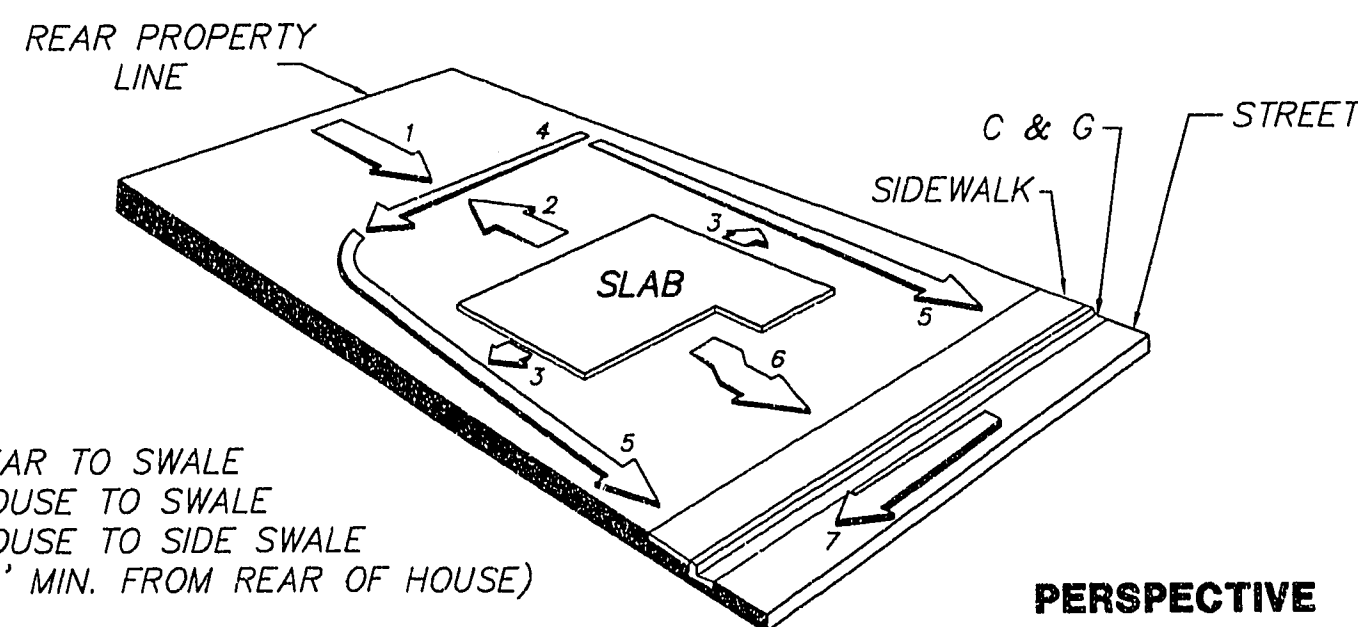
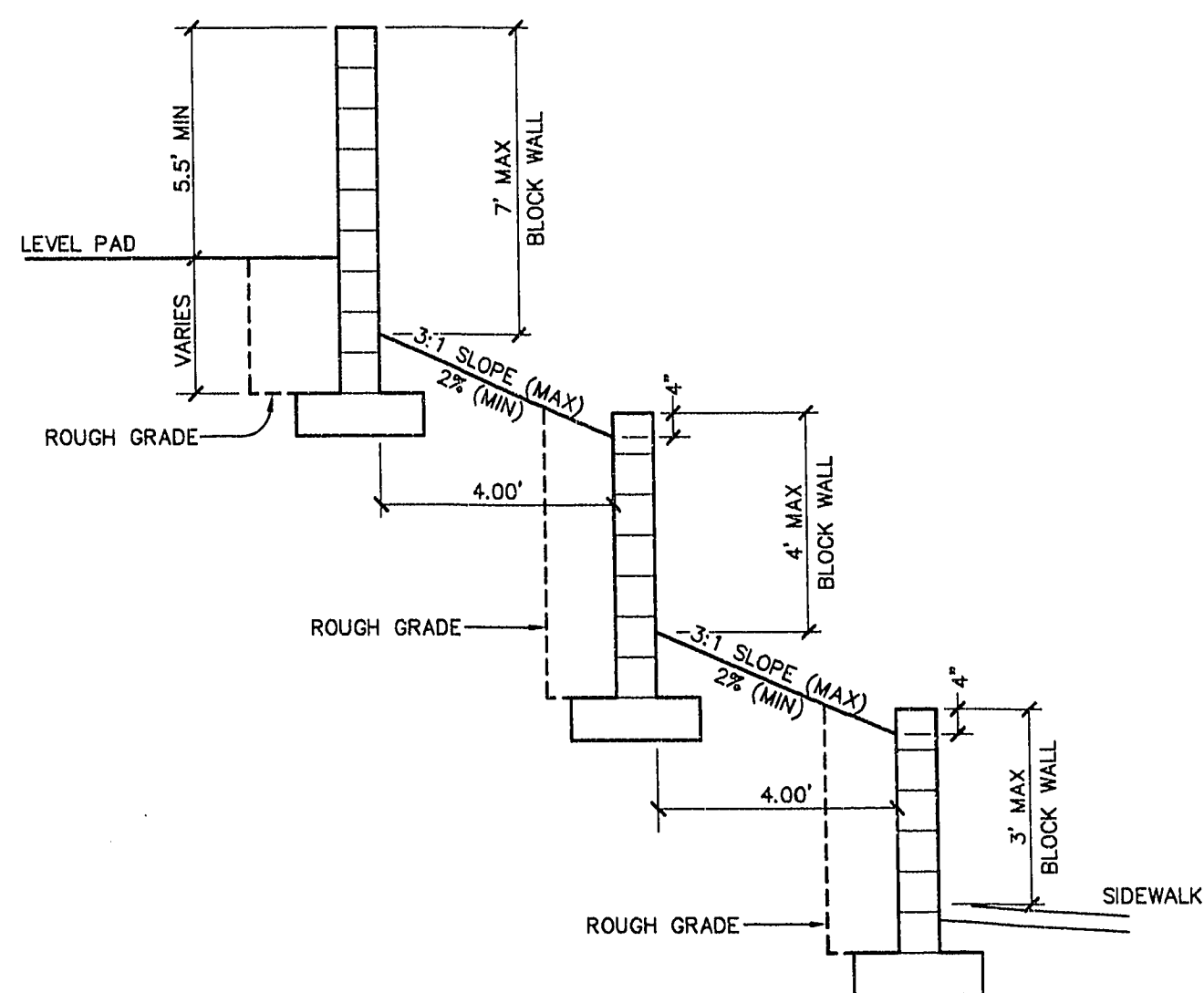




1. SLOPE FROM REAR TO SWALE
2. SLOPE FROM HOUSE TO SWALE
3. SLOPE FROM HOUSE TO SIDE SWALE
4. REAR SWALE (5' MIN. FROM REAR OF HOUSE)
5. SIDE SWALE
6. SLOPE FROM HOUSE TO SIDEWALK
7. SLOPE OF STREET

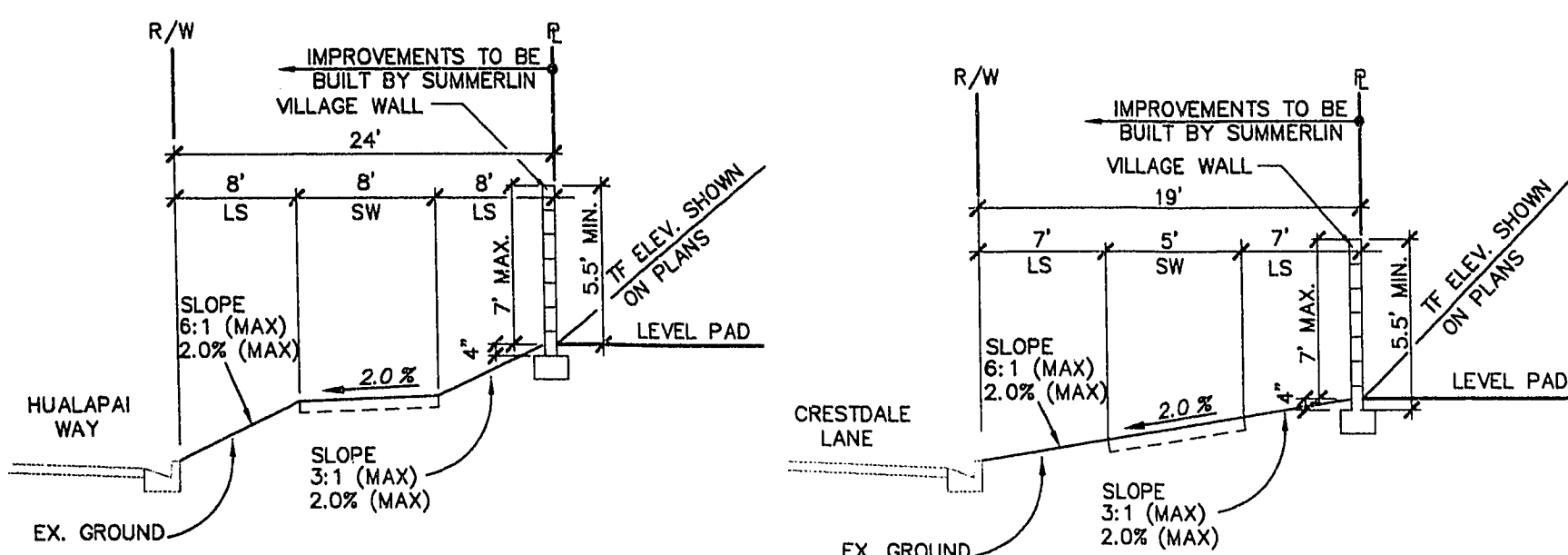
F.H.A. TYPE 'A' DRAINAGE

TYPICAL GRADING



SECTION

NTS 9



NOTE: GRADING OF LANDSCAPE AREAS ALONG HUALAPAI WAY AND CRESTDALE LANE IS TO BE DONE PER SUMMERLIN IMPROVEMENT PLANS OF SAID ROADWAYS. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF RETAINING WALLS AND ANY GRADING REQUIRED BEYOND THE SCOPE OF PLANS AS PREPARED BY SUMMERLIN FOR HUALAPAI WAY AND CRESTDALE LANE ARE THE RESPONSIBILITY OF THIS PARCEL'S DEVELOPER.

VILLAGE WALL
HUALAPAI WAY

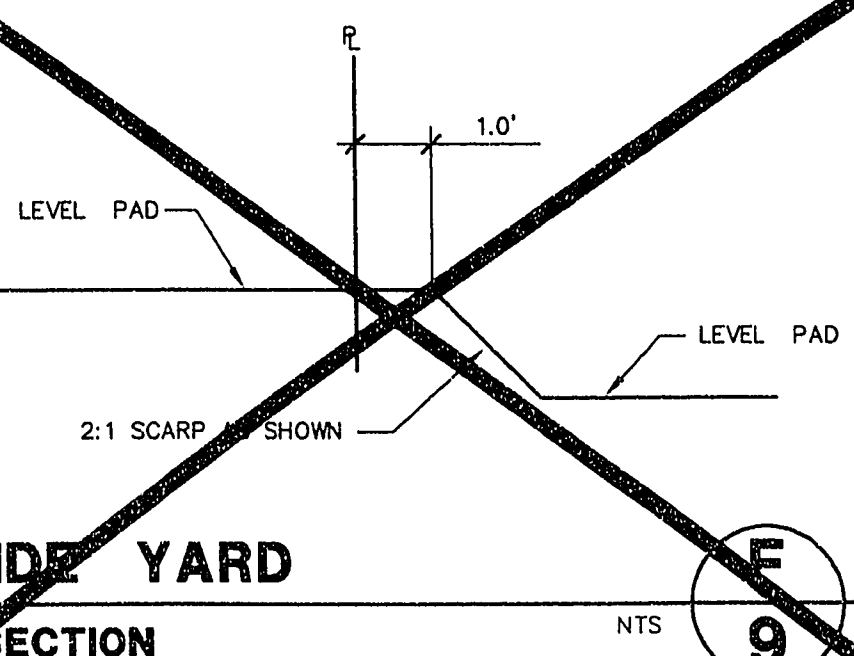
G 9

VILLAGE WALL
CRESTDALE LANE

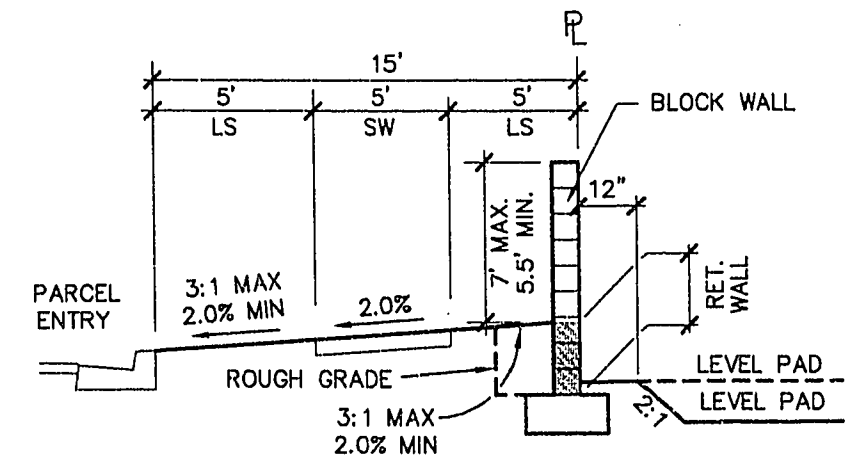
H 9

VILLAGE WALL SECTIONS & DETAILS

SIDE YARD SECTION

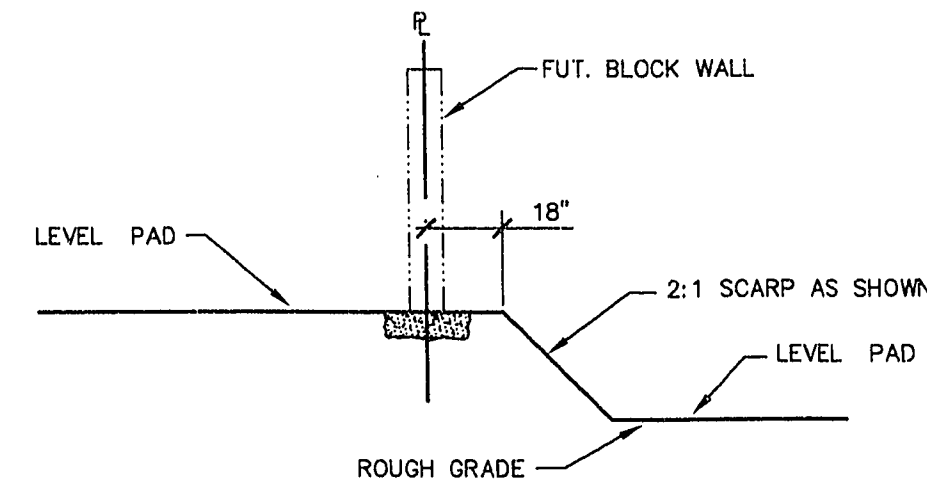


NTS 9



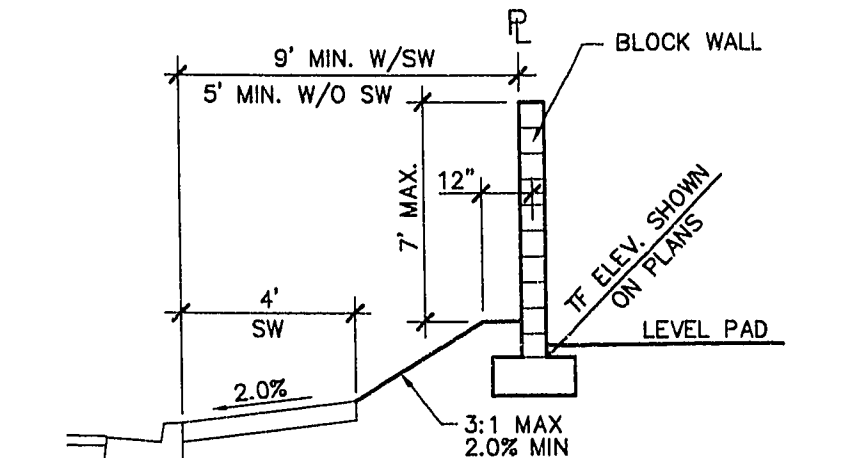
ENTRY SIDE YARD WALL SECTION

NTS 9



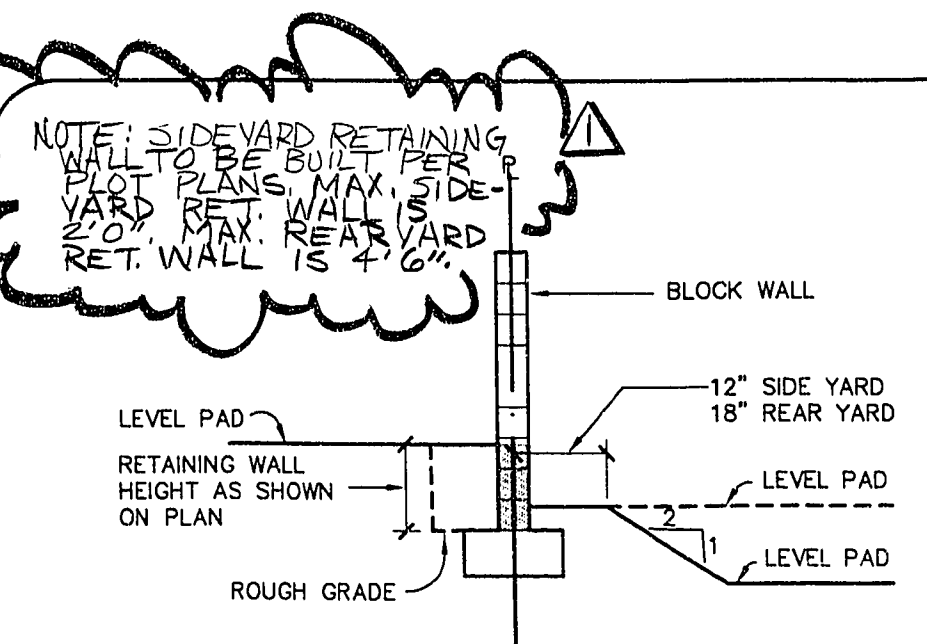
REAR YARD SECTION

NTS 9



CORNER SIDE WALL SECTION

NTS 9



SECTION

NTS 9

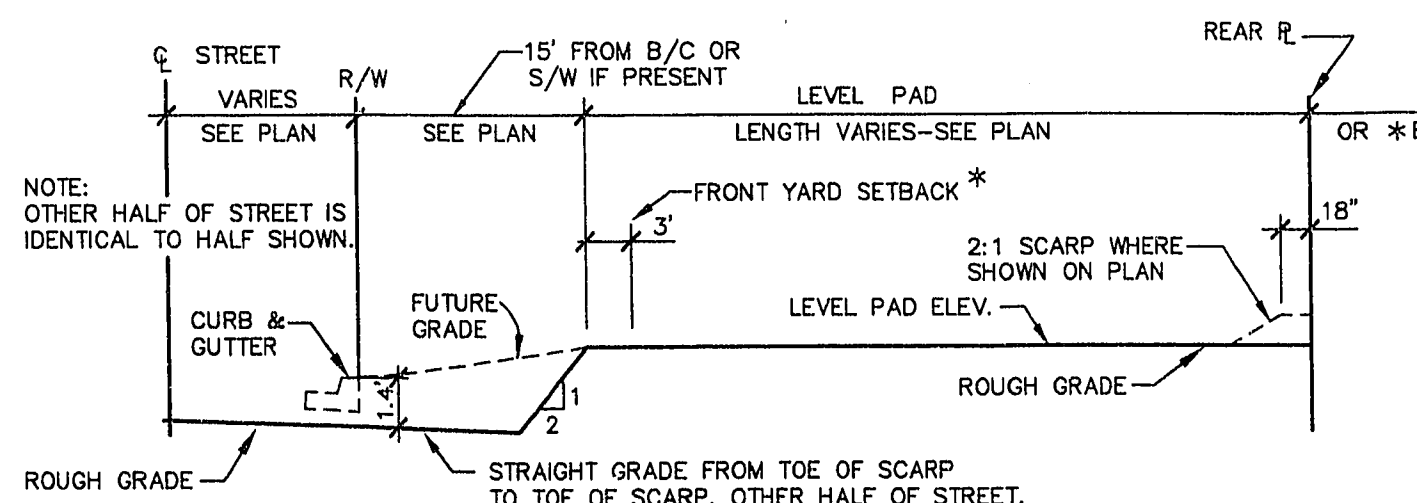
GRADING NOTES:

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. CARE SHALL BE EXERCISED IN GRADING CORNER LOTS.
4. 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.
5. SOILS REPORT PREPARED BY WESTERN TECHNOLOGIES, INC., WITH WTI PROJECT NO. 64955126, DATED APRIL 28, 1995.
"CLEARING AND GRUBBING OPERATIONS WILL RESULT IN SOME LOSS OF MATERIAL. EXCAVATION AND RECOMPACTION OF THE ONSITE SOILS WILL RESULT IN SHRINKAGE LOSSES. BASED ON OUR EXPERIENCE IN THE AREA, A SHRINKAGE FACTOR OF APPROXIMATELY 5 TO 15 PERCENT WOULD BE APPLICABLE FOR THE UPPER LOOSE TO MEDIUM DENSE NATURAL SOILS WHEN EXCAVATED AND RECOMPACTION. AS AN EXAMPLE, A SHRINKAGE FACTOR OF 10 PERCENT WOULD MEAN IT WOULD REQUIRE 1.10 CUBIC YARDS OF EXCAVATED MATERIAL TO EQUAL 1.0 CUBIC YARD OF PROPERLY COMPACTIONED FILL. SCARIFICATION AND COMPACTION OF SURFACE SOILS WILL CAUSE ADDITIONAL SHRINKAGE. WE ESTIMATE THAT THIS SHRINKAGE WILL BE ON THE ORDER OF 0.1 FOOT LOWERING IN SITE GRADE. CALICHE MAY HAVE SOME BULKAGE WHERE IT IS EXCAVATED AND RECOMPACTIONED."
6. EARTH QUANTITIES:
EXCAVATION
FILL
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 REFLECT ANY EARTHWORK WHICH MAY BE REQUIRED BY THE ENGINEER TO CONSTRUCT ADDITIONAL PROTECTIVE DITCHES OR BERMS NOT SHOWN ON THESE DRAWINGS.

ENGINEER'S EVALUATION OF GRADING QUANTITIES

USING A SHRINKAGE FACTOR OF 20% AND SUBSIDENCE OF 0.10', AN ESTIMATE FOR THE GRADING QUANTITIES SHOWN BELOW. NOTE THAT THESE QUANTITIES ARE ONLY AN ESTIMATE. ACTUAL QUANTITIES MAY DIFFER FROM THESE DUE TO SOIL VARIATIONS IN THE FIELD. QUANTITIES FOR ADDITIONAL DITCHES & BERMS THAT MAY BE REQUIRED BY THE ENGINEER ARE NOT INCLUDED IN THESE QUANTITIES. (SEE NOTE 6 C ABOVE)

	CUT	FILL
COMPUTED VOL	XX	XX C.Y.
TRASH REMOVAL	XX	XX C.Y.
SUBSIDENCE	XX C.Y.	XX C.Y.
SUB-TOTAL	XX C.Y.	XX C.Y.
SHRINKAGE	XX C.Y.	XX C.Y.
TOTAL	XX C.Y.	XX C.Y.



* NOTE: SETBACK VARIES FROM 18' TO 22'

SECTION

NTS

A 9

LEGEND

- 1 LOT NUMBER
- 1 BLOCK NUMBER
- 59.0 PAD ELEVATION
- 59.0 EXISTING PAD ELEVATION
- 59.0 FUTURE PAD ELEVATION
- 57.10 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
- 61.1 TOP OF FOOTING ELEV.

FOR BLOCK WALL LEGEND SEE SHEET 13

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

PARDEE CONSTRUCTION COMPANY
WESTRIDGE AT SUMMERLIN - PHASE I
GRADING DETAILS AND MISCELLANEOUS

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

RELEASED FOR ☐ BID ☐ CONSTRUCTION
DATE: _____
PARDEE CONSTRUCTION COMPANY

* PLOT: SEPT. 11, 1995 * GIW *

SHEET
9

OF 13 SHEETS