

FOR CONTINUATION SEE SHT 5

FOR CONTINUATION SEE SHT 5

LEGEND

- CENTERLINE
- - - EXISTING IMPROVEMENTS
- ▬ BLOCK RETAINING WALL
- ▬ BLOCK WALL
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- SCARP (3:1 MAX)
- OVERLAND DRAINAGE ROUTE
- A.C. SWALE
- SETBACK LINE
- FF FINISH FLOOR
- BW BOTTOM WALL
- FG FINISH GRADE
- FL FLOW LINE
- TC TOP OF CURB
- 99.9 PAD GRADE



FOR CONTINUATION SEE SHT 7

FOR CONTINUATION SEE SHT 7

BENCHMARK

CONTROL POINT "SPANKY" - A BRASS CAP SET IN CONCRETE STAMPED "42", SET BY G.C. WALLACE AND USED AS A BENCHMARK FOR SUMMERLIN CONSTRUCTION.

ELEV. 861.1775 METERS. (2825.38 U.S. SURVEY FEET (SUMMERLIN DATUM))

METERS x $\left(\frac{3937}{1200}\right)$ = U.S. SURVEY FEET

ELEVATION EQUATION: SUMMERLIN ELEV. +2.437 = NAVD 88

"I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS."

Edward F. Taney 7-21-97
EDWARD F. TANEY P.E. #9903 DATE

QUANTITIES

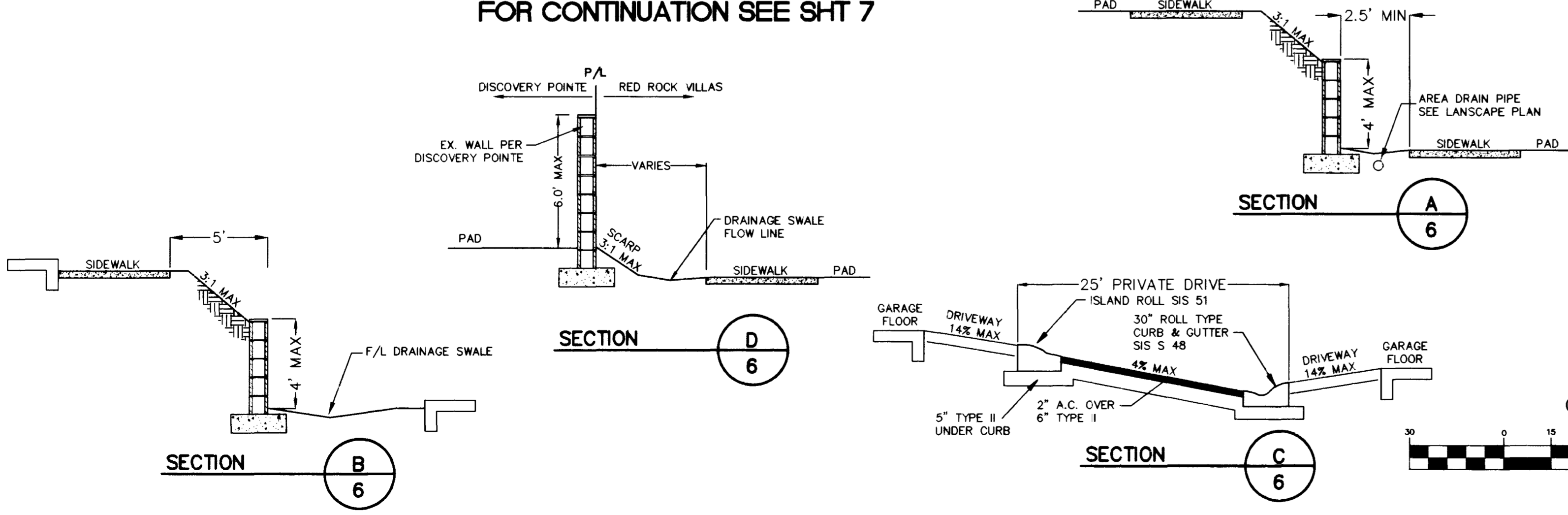
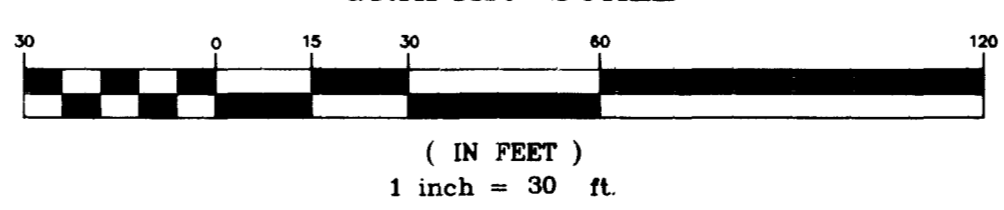
2" ASPHALTIC CONCRETE PAVING	15,150 S.Y.
30" ROLL CURB & GUTTER	4,377 L.F.
'A' OR TACK-ON TYPE CURB	307 L.F.
18" ISLAND CURB	7,338 L.F.
24" VALLEY GUTTER	820 L.F.
8" CROSS GUTTER	1,088 S.F.
18" R.C.P. STORM (CLASS 2)	9 L.F.
24" R.C.P. STORM (CLASS 2)	225 L.F.
30" R.C.P. STORM (CLASS 2)	245 L.F.
TYPE 'C' DROP INLET	26 L.F.

GRADING NOTES

- ALL GRADES SHOWN ARE .3 FEET BELOW FINISH GRADE TO ALLOW FOR LANDSCAPING; EXCEPT TC, FL, AND FG, WHICH ARE TO FINISH GRADE.
- FINAL GRADES ADJACENT TO STRUCTURE AFTER LANDSCAPING SHALL BE 0.7 FEET BELOW FINISH FLOOR.
- THE QUANTITIES SHOWN ARE ESTIMATES ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER BEFORE BEGINNING WORK.
- FINISH FLOOR ELEVATION IS TO BE 0.8 FOOT ABOVE PAD GRADE.
- NA
- ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION.
- ALL SLOPES ARE TO BE THREE FEET HORIZONTAL TO ONE FOOT VERTICAL UNLESS OTHERWISE NOTED.
- SEE FINAL MAP FOR EXACT BEARINGS AND DISTANCES.
- SEE DETAIL SHEETS FOR STREET SECTIONS AND DETAILS.

NOTE: ALL ON-SITE SIDEWALKS TO BE CONSTRUCTED PER LANDSCAPE PLANS.

GRAPHIC SCALE



DATE	BY	APPROVED
REVISION		

ALPHA & ENGINEERING COMPANY

REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA 1005 1005
EDWARD F. TANEY
1005 1005

50 St. James Place, Las Vegas, NV 89107
Telephone: (702) 877-1000

PROJECT: RED ROCK VILLAS

TITLE: GRADING PLAN CENTRAL

JOB NO: 715301

NAME: RCV

DATE: 7/17/97

SCALE: 1"=30'

PAGE: 6

NOTICE!

EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVIENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

BEFORE YOU DIG

1-800-227-2800

FOR CONTINUATION SEE SHEET 2

FOR CONTINUATION SEE SHEET 3

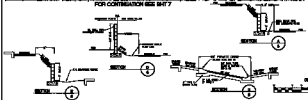


LEGEND



FOR CONTINUATION SEE SHEET 7

FOR CONTINUATION SEE SHEET 7



DIMENSIONS

1. MINIMUM DRIVEWAY WIDTH	10'0" MIN.
2. MINIMUM DRIVEWAY DEPTH	10'0" MIN.
3. MINIMUM DRIVEWAY SLOPE	1:12
4. MINIMUM DRIVEWAY CURVE RADIUS	10'0" MIN.
5. MINIMUM DRIVEWAY CLEARANCE	7'0" MIN.
6. MINIMUM DRIVEWAY GRADE	1:12
7. MINIMUM DRIVEWAY GRADE	1:12
8. MINIMUM DRIVEWAY GRADE	1:12
9. MINIMUM DRIVEWAY GRADE	1:12
10. MINIMUM DRIVEWAY GRADE	1:12

SPACING NOTES

1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
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GRADED WIDTH



RECORD MARK

THIS PLAN AND SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER AND ARCHITECT. NO PART OF THIS PLAN OR SPECIFICATIONS IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER AND ARCHITECT.

DATE: 10/10/10
 DRAWN BY: J. J. JONES
 CHECKED BY: J. J. JONES
 APPROVED BY: J. J. JONES

RED ROCK MILL LAG

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RED ROCK MILL LAG
 GRADING PLAN
 CENTRAL

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