

FINISHED GRADING SIDE YARD SECTIONS



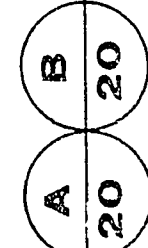
TYPICAL "A" TYPE DRAINAGE



TYPICAL "B" TYPE DRAINAGE

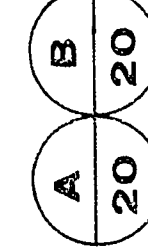
GOLF COURSE LOTS ONLY

**Call
before you
Dig.**
1-800-227-2600
UNDERGROUND SERVICE (USA)



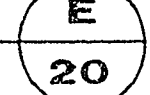
ROUGH GRADING PLAN

SINGLE FAMILY NOT TO SCALE



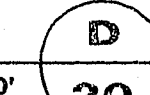
ROUGH GRADING PLAN

DUPLEX NOT TO SCALE



SECTION

PAD ELEVATION DIFFERENCE **0' TO 1.3'**



SECTION

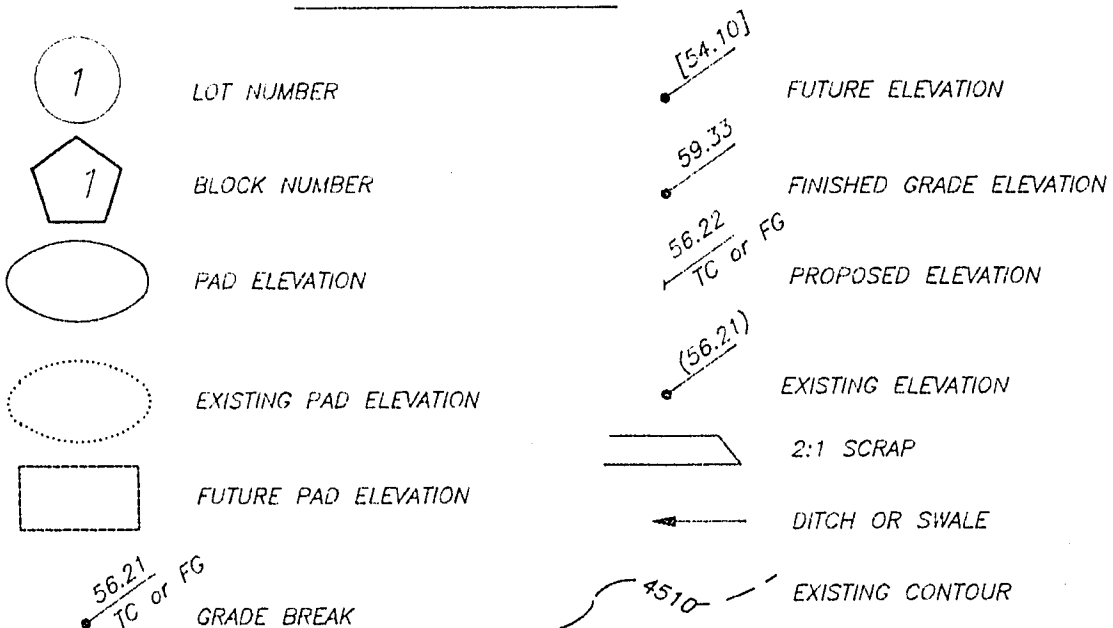
PAD ELEVATION DIFFERENCE **1.3' TO 2.0'**



SECTION
PAD ELEVATION DIFFERENCE
GREATER THAN 2.0'

FINISHED GRADING SIDE YARD SECTIONS

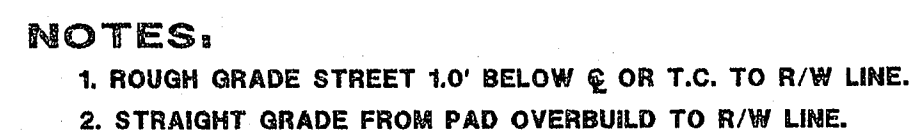
LEGEND



BENCHMARKS

CLV BENCHMARK: TOP OF CURB AT END OF CURB, WEST SIDE
OF DURANGO DRIVE, 250' SOUTH OF WESTCLIFF BOULEVARD.
ELEVATION: 2610.16

 PROJECT BENCHMARK: BRASS CAP IN TOP OF
6" DIA. CONCRETE CYLINDER, 490' WEST OF
DEL WEBB BLVD., AT FUTURE "B" STREET.
N 532,105.503, E 584,121.222.
ELEVATION: 2599.855



ROUGH GRADING SECTION



FINISHED GRADING SECTION

A

GRADING NOTES

1. INDICATED GRADES ARE FINISHED GRADES.
 2. THE ROUGH GRADING PLANS SHALL BE ON THE JOB SITE AT ALL TIMES. THE ROUGH GRADING SHALL BE FINISHED IN CONFORMANCE WITH THE LINE AND GRADES SHOWN ON THE PLANS. THE GRADING QUANTITIES ARE BASED ON THE ELEVATION AND ROUGH GRADING DETAILS SHOWN ON THE PLANS. ANY DEVIATIONS FROM THE PLANS WILL BE NOTED 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 ELEVATION SHOWN ON THE PLANS. TO COMPLETE THE PAD, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE LOTS CAN BE INSPECTED. AT THAT TIME THE ENGINEER SHALL ALSO DECIDE IF ANY "POTHOLE" DITCHES ARE REQUIRED. IF THE CONTRACTOR IS REQUESTED NOT TO REMOVE ANY OF HIS ROUGH GRADING EQUIPMENT UNTIL HE RECEIVES GRADING APPROVAL FROM THE ENGINEER.
 5. SOLTS REPORT BY WESTERN TECHNOLOGIES, INC. PROJECT NO. 412179122 DATED SEPTEMBER 29, 1987.

"CLEARING AND GRUBBING OPERATIONS WILL RESULT IN SOME LOSS OF MATERIAL. SHRINKAGE AND RECOMPACTION OF THE ONSITE SOLTS WILL RESULT IN SHRINKAGE LOSSES. SHRINKAGE FACTOR OF ABOUT 25 PERCENT IS ESTIMATED TO BE APPLICABLE FOR THE SOFT AND LOOSE TO MEDIUM DENSE DEPOSITS. FOR THE VERY DENSE TO VERY DENSE DEPOSITS, IT SHOULD BE APPLICABLE FOR DENSE TO VERY DENSE DEPOSITS. THE CEMENTED DEPOSITS WILL HAVE A BULKAGE FACTOR WHEN EXCAVATED AND SUBSEQUENTLY RECOMPACTED AS FOLLOWS: A SHRINKAGE FACTOR OF 10 PERCENT WOULD MEAN IT WOULD REQUIRE 1.10 CUBIC YARDS OF EXCAVATED MATERIAL TO EQUAL 1.00 CUBIC YARD OF PROPERLY COMPACTED FILL. SUBSIDENCE OF THE SURFACE WHERE SOLTS WERE LOCATED WILL BE RECOVERED AND RECOMPACTED WILL BE ON THE ORDER OF 0.1 FOOT OR LESS DEPENDING ON MATERIALS EXPOSED."
- THE ABOVE QUANTITY IS FROM PAGE 13 OF THE REPORT UNDER MATERIAL VOLUME CHANGES.

6. EARTH QUANTITIES:
- EXCAVATION
FILL
- A) THE ABOVE QUANTITIES DO NOT REFLECT LOSSES DUE TO SUBSIDENCE OR SHRINKAGE.
- B) THE ABOVE QUANTITIES DO 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 BENCHES OR BERMS NOT SHOWN ON THESE DRAWINGS.

DEL E. WEBB COMMUNITIES, INC.
SUN CITY SUMMERLIN UNIT NO. 20

SUN CITY SUMMERLIN UNIT NO. 20

GRADING DETAILS

SHEET

20

OF 20 SHEETS

107Y-4003-20