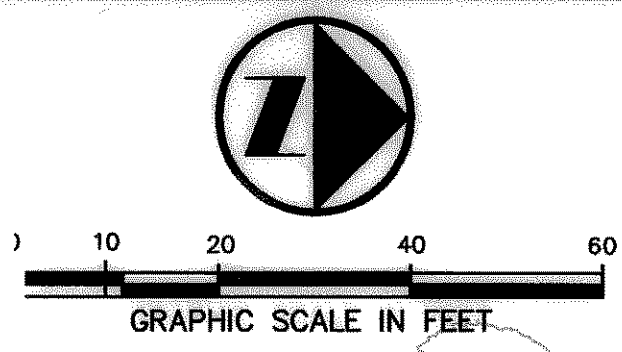


GRADING AND DRAINAGE GENERAL NOTES

- REFER TO GEOTECHNICAL REPORT FOR REQUIREMENTS REGARDING FILL COMPACTION AND MOISTURE CONTENT.
 - UNLESS NOTED, ALL FILL IS TO BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY WITHIN 3% OF OPTIMUM MOISTURE CONTENT. FILL TO BE PLACED IN A MAXIMUM OF 6" LIFTS.
 - SIDEWALKS AND ACCESSIBLE ROUTES SHALL HAVE A SLOPE NO GREATER THAN 5% AND A CROSS FALL NO GREATER THAN 2% UNLESS NOTED OTHERWISE.
 - GRADING OF ALL HANDICAPPED SPACES AND ROUTES TO CONFORM TO STATE, LOCAL AND FEDERAL GUIDELINES.
 - DRAIN LINES TO BE OF THE FOLLOWING MATERIAL:
 - RCP C-76, CLASS III (OVER 2' COVER)
 - RCP C-76, CLASS IV (LESS THAN 2' COVER)
- AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- UNLESS NOTED, GRATE INLET TO BE "AMERICAN INDUSTRIAL PRE-CAST PRODUCTS, INC." PRECAST CATCH BASIN, SIZED AS SHOWN, OF APPROVED EQUAL.
 - FINAL PAVING, CURB AND SIDEWALK ELEVATIONS WILL BE PLACED AT PLUS OR MINUS 0.03 FOOT.
 - REFER TO LANDSCAPE SPECIFICATION FOR SEEDING AND SODDING REQUIREMENTS.
 - ANY CONCRETE, ROCK OR MATERIAL DEEMED UNSUITABLE FOR SUBGRADE, BY ENGINEER, SHALL BE DISPOSED OF OFFSITE AT CONTRACTOR'S EXPENSE.
 - TRENCH BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 6.2.10, AND SHALL BE MECHANICALLY COMPACTED IN ACCORDANCE WITH NCTCOG ITEM 6.2.9 TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
 - EMBEDMENT SHALL CONFORM TO THE REQUIREMENTS OF NCTCOG ITEM 6.2.9 UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN THE STANDARD CITY SPECIFICATIONS.
 - A ROUND MANHOLE COVER MEETING CITY SPECIFICATIONS SHALL BE PLACED IN ALL INLET TOPS. THE MANHOLE COVER SHALL BE PLACED NEAR THE OUTLET PIPE.
 - ALL CONCRETE FOR INLETS AND DRAINAGE STRUCTURES SHALL CONFORM TO NCTCOG ITEM 7.4.5, CLASS "A" UNLESS OTHERWISE SHOWN ON THESE PLANS OR STATED IN STANDARD CITY SPECIFICATIONS.
 - CRUSHED STONE BEDDING OR APPROVED EQUAL SHALL BE PROVIDED BY THE CONTRACTOR WHEN ROCK IS ENCOUNTERED IN TRENCHES. THERE SHALL BE NO ADDITIONAL PAY ITEM OF THE CRUSHED STONE BEDDING.
 - IF REQUIRED DUE TO CONSTRUCTION, POWER POLES TO BE BRACED OR RELOCATED AT CONTRACTORS EXPENSE.
 - ALL FILL TO BE COMPACTED WITH SHEEP FOOT ROLLER.
 - ALL DISTURBED AREAS IN THE POND SHALL BE RE-SODDED.

LEGEND

- B BOLLARD
- EM ELECTRIC METER
- PP POWER POLE
- LS LIGHT STANDARD
- WM WATER METER
- WV WATER VALVE
- ICV IRRIGATION CONTROL VALVE
- FH FIRE HYDRANT
- CN CLEANOUT
- MH MANHOLE
- TSC TRAFFIC SIGNAL CONTROL
- TSP TRAFFIC SIGNAL POLE
- TELE TELEPHONE BOX
- FP FLAG POLE
- TS TRAFFIC SIGN
- PL PROPERTY LINE
- F FENCE
- PD PROPOSED DRAINAGE DIVIDE
- PC PROPOSED CONTOUR
- TC 614.5 PROPOSED TOP OF CURB ELEVATION
- GC 614.0 PROPOSED GUTTER ELEVATION
- EL 614.5 PROPOSED SPOT ELEVATION
- PROPOSED DRAINAGE FLOW DIRECTION



LOT 10R, BLOCK A
HORIZON RIDGE ADDITION
(CAB. E, SLIDE 325-326)
YANCEY-HAUSMAN DEVELOPMENT, INC.
(VOL. 2918, PG. 0221)

PETER TEMUNOVIC & CVIJETA TEMUNOVIC
(VOL. 959, PG. 150)

LOT 9R, BLOCK A
HORIZON RIDGE ADDITION
(CAB. E, SLIDE 255-256)
2.586 ACRES
112,649/SF
F.F.=563.00
QUORUM HORIZON RIDGE, L.P.
(VOL. PG.)

LOT 8R, BLOCK A
HORIZON RIDGE ADDITION
(CAB. E, SLIDE 277)
GORDON VAN AMBURGH & JEANNE VAN AMBURGH
(VOL. 2931, PG. 0022)

BENCH MARK LIST

- BM# 1 " " CUT SET ON THE NORTHWEST CORNER OF INLET ON THE NORTH SIDE OF RALPH HALL PARKWAY 215'± WEST OF CENTERLINE OF RALPH PARKWAY AND ARISTA ROAD. ELEV=551.01
- BM# 2 " " CUT SET ON TOP OF CURB ON THE POINT OF CURVE OF THE BACK OF CURB AT THE SOUTHWEST CORNER OF THE INTERSECTION OF OAK DRIVE AND SUMMER LEE DRIVE. ELEV=563.21
- BM# 3 " " CUT ON THE NORTHEAST CORNER OF INLET ON THE EAST SIDE OF ARISTA ROAD 200'± NORTH OF CENTERLINE OF RALPH PARKWAY. ELEV=546.93

VIEW "A-A"



RALPH HALL PARKWAY

ARISTA ROAD

SUMMER LEE DRIVE

LOT 2, BLOCK B
HORIZON RIDGE ADDITION
(CAB. E, SLIDE 117)

RECORD DRAWING
THIS DRAWING HAS BEEN REVISED TO REFLECT CONSTRUCTION RECORDS MAINTAINED AND PROVIDED BY THE CONTRACTOR FOR THIS PROJECT.
CONTRACTOR: CONSTRUCTORS
DATE REVISED: 09-26-2004



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY STEVEN A. MARKUSSEN, P.E. 70090 ON 11/24/2003. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

09/28/04	RECORD DRAWINGS
07/09/04	ADDED SIDEWALKS AND REVISED GRADES
NO.	DATE REVISION
Pacheco Koch Consulting Engineers	
8350 N CENTRAL EXPWY SUITE 1000 DALLAS, TEXAS 75206 972.235.3031	

GRADING PLAN						
ROCKWALL CAPITAL ADVISORS						
SWC ARISTA & RALPH HALL						
LEGAL DESCRIPTION OR ADDRESS						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
CJE	FJM	NOV. 2003	1"=20'			C2.1

BTHAYER
10/19/2004 - 8:55AM
N:\DMG-15\1567-03-193CV.DWG\1567-03-193CV.DWG

ROCKWALL CAPITAL ADVISORS