

PAVING AND GRADING GENERAL NOTES

1. All construction shall conform to the City of Rockwall Standard Construction Details and Standard Specifications for Public Works Construction. In the event that an item is not covered, the contractor shall bring the problem to the attention of the engineer for approval or modification.
2. Excavation or fill operations shall not interfere with or obstruct pre-construction drainage patterns until such time as on-site drainage improvements are constructed.
3. Top of curb elevations are noted with (TC) following them. Gutter elevations are 0.50 feet below top of curb. All other spot elevations shown are to top of pavement or finished grade unless otherwise noted. The intention of this grading plan is to preclude ponding water on paving or grassed areas. If the contractor finds any location that will result in ponding water, the Engineer shall be notified for clarification prior to pavement placement.
4. All subgrade beneath proposed pavement shall be scarified 8" deep and compacted to 95% Standard Proctor (ASTM-D-698) at or slightly above optimum moisture content. All fill to be compacted using a sheepsfoot roller.
5. All driveways/approaches shall match existing street pavement sections. Firelane and access to the dumpster location and access easement pavement shall be 6" thick 6-1/2 sack 3600 psi concrete with #3 bars on 24" centers both ways. Parking lot pavement shall be 5" 3000 psi concrete with #3 bars on 24" centers both ways. No sand fill to be used under concrete pavement with up to 1-1/2" max sand under proposed sidewalks.
6. The trash enclosure foundation shall be constructed of 8" thick 3600 psi concrete with #3 bars on 18" centers both ways. Slab edges shall be 12" wide by 24" deep with two #5 bars top and bottom.
7. Sawed transverse dummy joints shall be installed in concrete pavement on 15' centers. Sawed longitudinal dummy joints shall be installed along centerline of fire lane and outcrops were applicable. All joints shall be filled with an approved sealer.
8. Transverse expansion joints shall be installed at all drive returns. Expansion joints shall be placed along all fixed objects such as light poles and foundations.
9. Contractor shall adjust all manholes and water valves to match finished grades as shown on drawings.
10. Street lights (if installed) shall be installed 3 1/2 to 4' behind back of curbs as required but shall not encroach on any sidewalks.
11. Contractor shall construct barrier free ramps at all intersections per City of Rockwall Details. All handicap ramps, stalls, walks and access to the building(s) shall meet ADA, TASS and all applicable standards.
12. All conduit for irrigation sleeves shall be class 200 PVC installed 2' below concrete pavement and extend 2' outside of back of curb.
13. Contractor shall be responsible for traffic control, warning and safety devices until all work has been accepted by the City of Rockwall and the owner.
14. Contractor shall be responsible for Trench Safety in compliance with the Occupational Safety and Health Administration's trench safety standards.
15. The location of existing utilities shown on these plans are approximate. All utilities may not be shown. It is the responsibility of the contractor to contact the City of Rockwall and all area utilities that may conflict with construction prior to beginning work.
16. Erosion control shall conform to the North Texas Council of Government Details as approved by the City of Rockwall.

DRAINAGE AREA	C	I in/hr	A acres	Q100 cfs
(A)	0.90	9.80	0.54	4.76
(B)	0.90	9.80	0.69	6.09

NOTE - DETENTION PROVIDED BY 'STEEGER TOWNE CROSSING' PHASE 2 DEVELOPMENT (LOWE'S)

BENCH MARK
TOP NUT OF FIRE HYDRANT AT S.E. CORNER
OF HORIZON RD. AND ROCKWALL PKWY.
ELV. = 546.73

OWNER:
CECIL HASTINGS
732 WINDSONG
ROCKWALL, TX 75032
PH. 214-923-9052

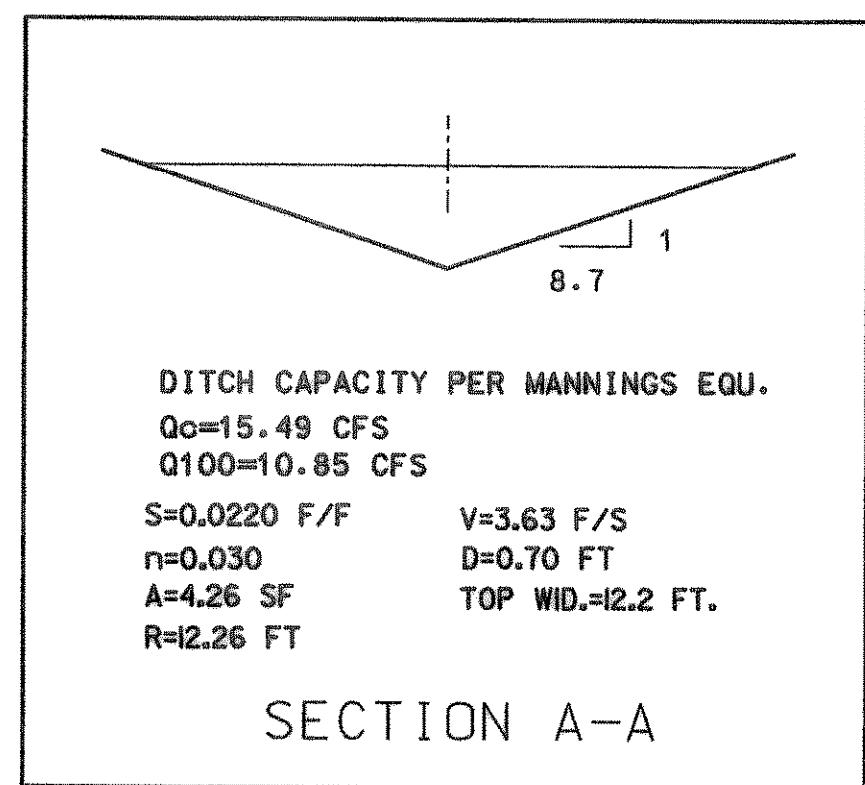
ARCHITECT:
MATTHEW KING, AIA
ROCKWALL, TEXAS 75087
PH. 972-772-7995

ENGINEER:
HELMBERGER ASSOCIATES, INC.
124 HOOPER ROAD
WYLIE, TEXAS 75098
RANDALL T. HELMBERGER, PE
(972) 442-7459

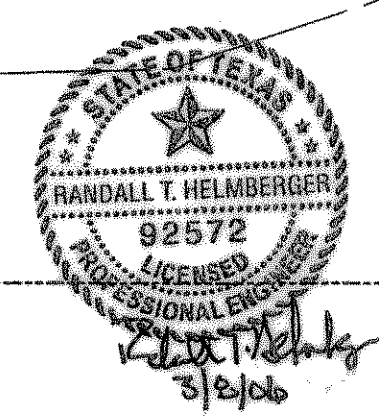
GRADING AND DRAINAGE PLAN

PAPILLION SALON						
HORIZON VILLAGE ADDITION, LOT 3 BLOCK 1						
ROCKWALL, TEXAS						
HELMBERGER ASSOCIATES, INC.						
CIVIL AND ENVIRONMENTAL ENGINEERS						
124 HOOPER ROAD, WYLIE, TEXAS 75098 (972) 442-7459						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
HELM.	CADD	DEC. 2005	1"=20'	GBORDER	1-77	C4

RECORD DRAWING
MARCH 08, 2006



WATER METER SCHEDULE			
TYPE	SIZE	NUMBER	SANITARY SEWER
DOMESTIC	1.5"	1 - PROPOSED	6"
IRRIGATION	1"	1 - PROPOSED	NA



ALL HANDICAP RAMPS, STALLS, ACCESS & PARKING TO THE BUILDINGS TO MEET ADA, TASS & ALL APPLICABLE STANDARDS

Topography and field surveying provided by Rockwall Surveying Co., Inc.
As-built utilities, paving and drainage information obtained from record drawings on file with the City of Rockwall