

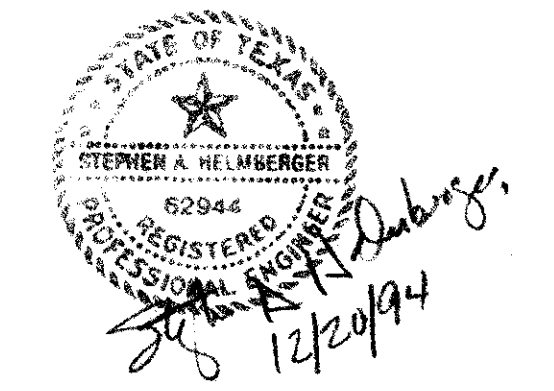
PAVING AND GRADING GENERAL NOTES

- All construction shall conform to the Town of Addison Standard Construction Details and Standard Specifications for Public Works Construction. In the event that an item is not covered, MTCG specifications shall be used.
- Excavation or fill operations shall not interfere with or obstruct pre-construction drainage patterns until such time as on-site drainage improvements are constructed.
- 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.
- All subgrade beneath proposed pavement shall be compacted to 95% Standard Proctor (ASTM-D-698) at or slightly above optimum moisture content. If rock is encountered during excavation the area exposed at final subgrade shall be overexcavated to a depth of 8" and compacted fill placed in that area.
- All driveways/approaches shall match existing street pavement sections. Firelane pavement and drives shall be 6" thick 3000 psi concrete with #3 bars on 24" centers both ways. All on-site parking pavement shall be 5" thick 3000 psi at 28 day compressive strength concrete with #3 bars on 24" centers both ways. (Dumpster location 7" 3000 PSI)
- 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 outside where applicable. All joints shall be filled with an approved sealer.
- Contractor shall adjust all manholes and water valves to match finished grades as shown on the drawings.
- Street lights shall be installed 3 1/2 to 4' behind back of curbs as required.
- Contractor shall construct barrier free ramps at all intersections per Town of Addison.
- All conduit for irrigation sleeves shall be Class 200 PVC installed 12" below concrete pavement and extend 2' outside of back of curbs.
- Contractor shall be responsible for traffic control, warning and safety devices until all work has been accepted by the Town of Addison and the Owner.
- Contractor shall be responsible for Trench Safety in compliance with the Occupational Safety and Health Administration's trench safety standards.
- 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 all area utility companies and field verify any and all utilities that may conflict with construction prior to beginning work.
- Erosion control shall conform to the North Central Texas Council of Government Details as approved by the Town of Addison.

DRAINAGE AREA CALCULATIONS

	Q 100	C	I 100	AREA	T _c
DA-1 (OFF-SITE) *	6.69	0.90	8.74	0.85	10.0
DA-2	13.61	0.90	8.74	1.73	10.0
DA-3**	1.57	0.90	8.74	0.20	10.0

* Runoff to be collected in storm sewer system when lot D develops.
 ** Runoff from drive and parkway to Beltline Road.



GRADING AND DRAINAGE PLAN					
JOE'S CRAB SHACK					
BLOCK 3 BELTLINE BUSINESS PARK					
ADDISON, TEXAS					
HELMBERGER ASSOCIATES, INC. CIVIL AND ENVIRONMENTAL ENGINEERS <small>1224 HOOPER ROAD, WILCO, TEXAS 75150 (214) 442-7450</small>					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
HELM.	CADD	OCTOBER 1994	1"=30'	QDBORDER	9448 C-1

BENCHMARK:
 1" cut top of curb return east side of Commercial Drive and Beltline Road. Elevation = 582.16

*MIN. FINISH FLOOR ELEVATION = 583.69 WAS OBTAINED FROM REPORT PREPARED BY O'BRIEN ENGINEERS DATED 7/7/94.

TOPOGRAPHIC AND PLANIMETRIC SURVEY OBTAINED FROM WINKLEMAN & ASSOCIATES, INC. DATED 10/94.