



GRADING NOTES

- Prior to placing any fill material, all existing surfaces, vegetation, loose fill, and debris should be removed to a minimum depth of 6". All exposed surfaces should then be scarified, watered as required, and recompacted to a minimum density of 95% of the maximum dry density as defined by ASTM-D 698 (Standard Proctor Test) at a moisture content between the optimum moisture value and five (5) percent above optimum.
- Fill materials should be placed in 6" to 8" loose lifts at a moisture content between optimum and 5% above optimum (within 3% of optimum for "select fill" and exposed limestone) and each lift compacted to between 95% and 105% of the maximum dry density as defined in ASTM D-698. Each lift should be inspected and approved by a geotechnical engineer.
- "Select fill" for building should consist of clayey sands free of organic materials having a plasticity index of between 4 and 12. Placement and compaction of the select fill should be performed in accordance with General Note #s 1 and 2.
- Drainage should be maintained away from the foundations, both during and after construction.
- Backfill for utility lines should be carefully placed so that they will be stable. Where utility lines pass through the parking lot, the top 6" should be compacted similarly to the remainder of the lot. Utility ditches should be visually inspected during the excavation process to insure that undesirable fill is not used. Compaction should conform to note #3.
- Contractor to verify exact location of all utilities prior to construction, including any irrigation system. All public utilities and appurtenances are to be protected during construction.
- The existing concrete slab along the north side of the subject tract will be removed and disposed of by the contractor.
- Contact Lone Star Gas; 48 hours prior to construction for location of gas facilities. Phone : 487-3817

DRAINAGE CRITERIA

$Q = (C)(I)(A)$
 $C = 0.95$
 $I = 11.6 \text{ IN/HR}$
 $A = \text{AREA IN ACRES}$
WEST PARKING AREA (A)
 $\text{AREA} = 0.56 \text{ ACRES}$
 $Q = (0.95)(11.6)(0.56)$
 $Q = 6.2 \text{ cfs}$
EAST PARKING AREA (B)
 $\text{AREA} = 0.63 \text{ ACRES}$
 $Q = (0.95)(11.6)(0.63)$
 $Q = 6.9 \text{ cfs}$
DRIVE (TO STREET) (C)
 $\text{AREA} = 0.09 \text{ ACRES}$
 $Q = (0.95)(11.6)(0.09)$
 $Q = 1.0 \text{ cfs}$

LEGEND

- 634 - EXISTING CONTOUR
- [634] - PROPOSED CONTOUR
- x 636.11 - EXISTING SPOTSHOT
- x [636.11] - PROPOSED SPOTSHOT
- - - SAWCUT
- SWALE
- [] - PROPOSED CONCRETE PAVEMENT

BENCHMARK
 SQUARE CUT ON E OF INLET; WEST SIDE OF QUORUM DRIVE; 340± NORTH OF BELT LINE ROAD. ELEV. 341.53

GRADING/DRAINAGE PLAN
 QUORUM CENTRE—EAST NO. 1 ADDITION
 ADDISON, TEXAS
 CMT

BROCKETTE • DAVIS • DRAKE, inc.
 consulting engineers

Civil & Structural Engineering-Surveying
 3535 Travis, Suite 100 - Dallas, Texas 75204 - (214) 522-9540

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	STL	1-93	1"=20'		C92400	3



REVISED 3/4/93 - ADD SWALE, 18" RCP, 8" PVC, REVISE OFFICE DEPOT DRIVE