

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 ϕ OF INLET; WEST SIDE OF QUORUM DRIVE; 340'± NORTH OF BELT LINE ROAD. ELEV. 641.53

AS-BUILT

GRADING/DRAINAGE PLAN

QUORUM CENTRE--EAST NO. 1 ADDITION
 ADDISON, TEXAS

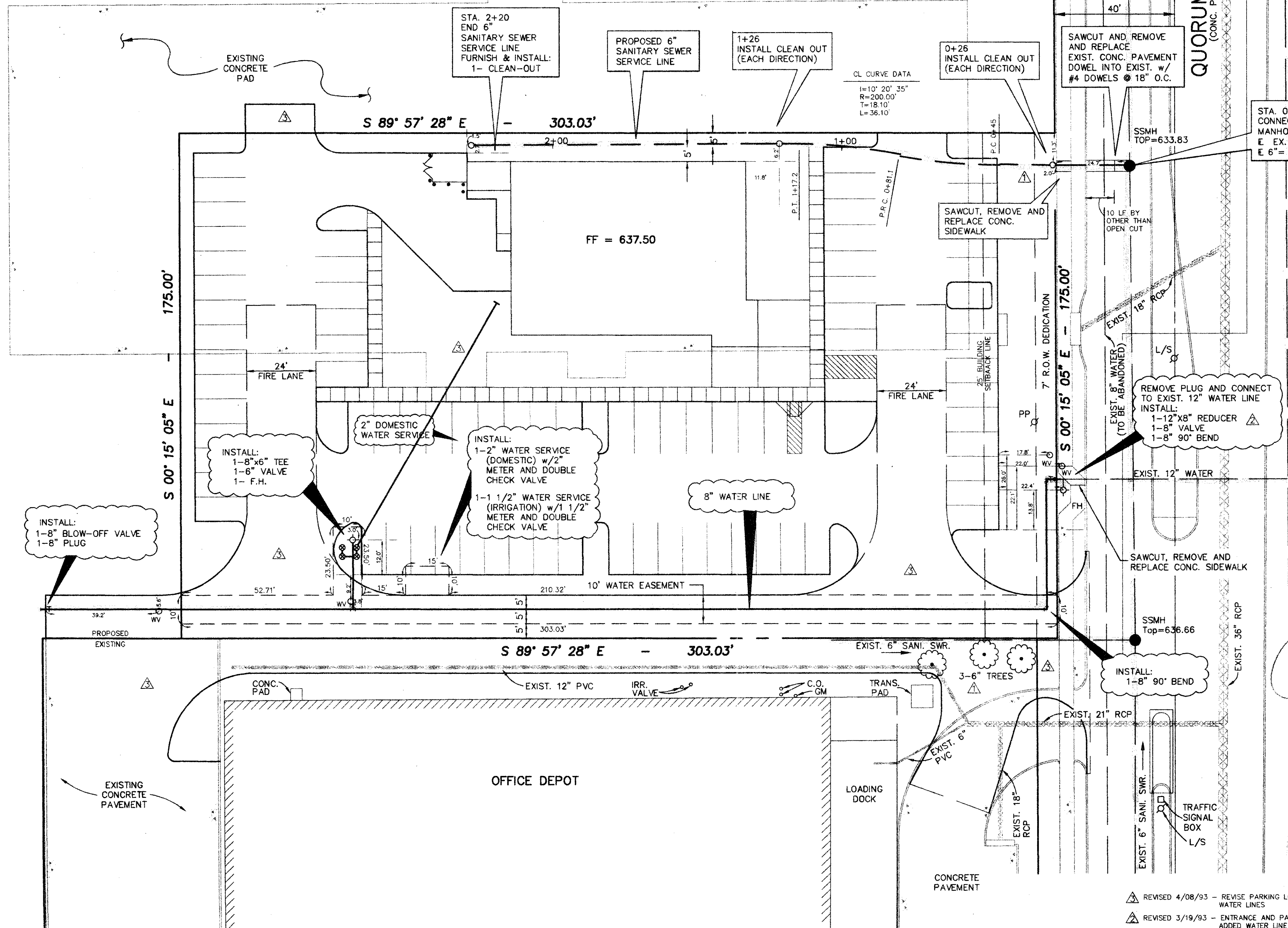
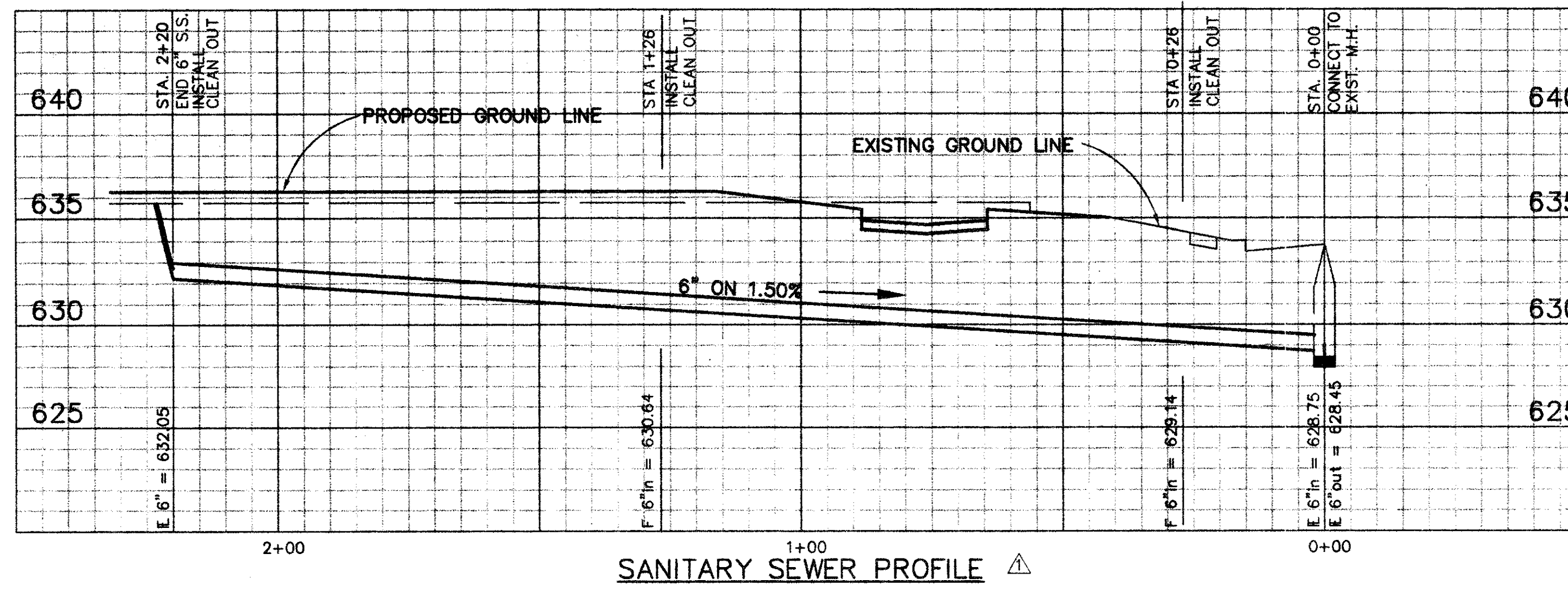
CMT

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	8/12/93	1"=20'	BDD	C92400	3

REVIS 4/08/93 - PARKING LOT
 REVIS 4/27/93 - GRADING PER FIELD CHANGES
 REVIS 3/4/93 - GRADING
 REVIS 3/19/93 - ENTRANCE AND PARKING LOT
 REVIS 3/4/93 - ADD SWALE, 18" RCP, 8" PVC, REVISE OFFICE DEPOT DRIVE



- WATER AND SANITARY SEWER GENERAL NOTES**
- All materials and construction shall conform to the City of Addison Standards and Specifications except as noted herein or approved by the City.
 - Contractor shall be responsible for maintaining trench safety requirements in accordance with City Standards, Texas State Law, and O.S.H.A. Standards for all excavation in excess of five feet in depth.
 - The location of all utilities indicated on these plans are taken from existing public records. The exact location and elevation of all public utilities must be determined by the Contractor. It shall be the duty of the Contractor to ascertain whether any additional facilities other than those shown on the plans may be present.
 - All ductile iron fittings shall be of the mechanical joint type or slip joint and shall be Class D, or Class 250 on sizes 12" and smaller in accordance with A.W.W.A. Specifications C-110-64 and C-111-64.
 - All water mains shall have a minimum cover of 42", or sufficient cover to clear other utilities as measured from top of pipe to existing ground level or finished grade, whichever is greater.
 - It will be the responsibility of the Contractor to protect all public utilities in the construction of this project. All manholes, clean-outs, valve-boxes, fire hydrants, etc. must be adjusted to proper line and grade by the Contractor prior to and after the placing of permanent paving. Utilities must be maintained to proper line and grade during construction of the paving for this development.

Contact Lone Star Gas:
48 hours prior to construction for location of gas facilities.
Phone : 487-3817

BENCHMARK
SQUARE CUT ON C OF INLET; WEST SIDE OF
QUORUM DRIVE; 340± NORTH OF BELT LINE ROAD.
ELEV. 641.53

AS-BUILT

WATER & SANI. SWR. 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	8/12/93	1"=20'	BDD	C92400	4

- REVISED 4/08/93 - REVISE PARKING LOT AND WATER LINES
- REVISED 3/19/93 - ENTRANCE AND PARKING LOT, ADDED WATER LINE AND FH
- REVISED 3/04/93 - REVISE SANI. SWR. AND ENTRANCE

