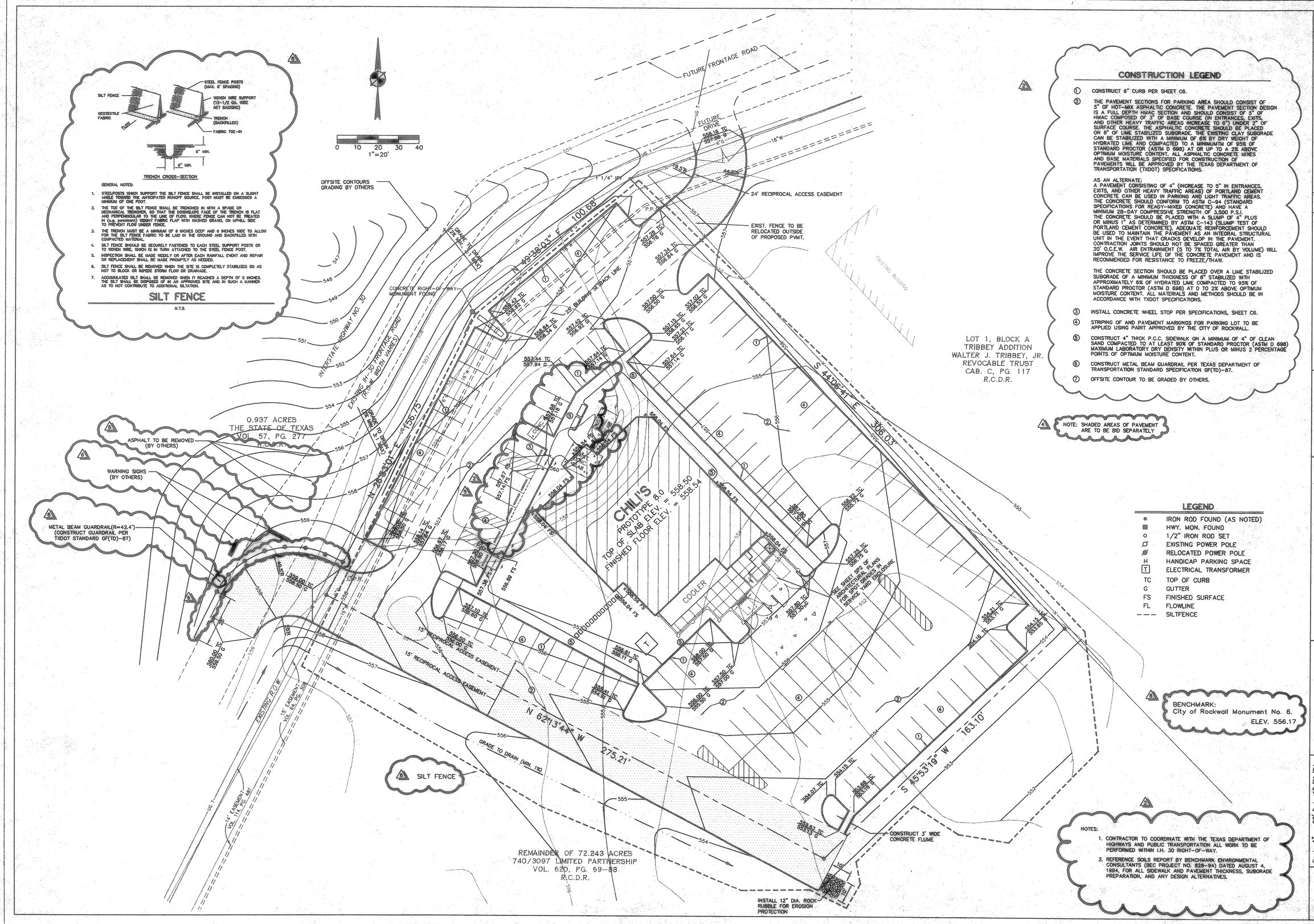

SILT FENCE

STEEL FENCE POSTS (MAX. 6' SPACING)
WOVEN WIRE SUPPORT (12-1/2 GA. WIRE NET BACKING)
SILT FENCE
GEOTEXTILE FABRIC
FLOW
TRENCH (BACKFILLED)
FABRIC TOE-IN
6" MIN.
6" MIN.

TRENCH CROSS-SECTION

GENERAL NOTES:

1. STEELPOSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CAN NOT BE TREATED IN (e.g. pavement) WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON UPHILL SIDE TO PREVENT FLOW UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POSTS OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST.
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR REDIRECT STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES. THE SILT SHALL BE DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

N.T.S.

CONSTRUCTION LEGEND

1. CONSTRUCT 6" CURB PER SHEET C6.
2. THE PAVEMENT SECTIONS FOR PARKING AREA SHOULD CONSIST OF 5" OF HOT-MIX ASPHALTIC CONCRETE. THE PAVEMENT SECTION DESIGN IS A FULL DEPTH HMAC SECTION AND SHOULD CONSIST OF 5" OF HMAC COMPOSED OF 3" OF BASE COURSE (IN ENTRANCES, EXITS, AND OTHER HEAVY TRAFFIC AREAS INCREASE TO 6") UNDER 2" OF SURFACE COURSE. THE ASPHALTIC CONCRETE SHOULD BE PLACED ON 8" OF LIME STABILIZED SUBGRADE. THE EXISTING CLAY SUBGRADE CAN BE STABILIZED WITH A MINIMUM OF 6% BY DRY WEIGHT OF HYDRATED LIME AND COMPACTED TO A MINIMUMTH OF 95% OF STANDARD PROCTOR (ASTM D 698) AT OR UP TO A 2% ABOVE OPTIMUM MOISTURE CONTENT. ALL ASPHALTIC CONCRETE MIXES AND BASE MATERIALS SPECIFIED FOR CONSTRUCTION OF PAVEMENTS WILL BE APPROVED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) SPECIFICATIONS.

   AS AN ALTERNATE:
   A PAVEMENT CONSISTING OF 4" (INCREASE TO 5" IN ENTRANCES, EXITS, AND OTHER HEAVY TRAFFIC AREAS) OF PORTLAND CEMENT CONCRETE CAN BE USED IN PARKING AND LIGHT TRAFFIC AREAS. THE CONCRETE SHOULD CONFORM TO ASTM C-94 (STANDARD SPECIFICATIONS FOR READY-MIXED CONCRETE) AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,500 P.S.I. THE CONCRETE SHOULD BE PLACED WITH A SLUMP OF 4" PLUS OR MINUS 1" AS DETERMINED BY ASTM C-143 (SLUMP TEST OF PORTLAND CEMENT CONCRETE). ADEQUATE REINFORCEMENT SHOULD BE USED TO MAINTAIN THE PAVEMENT AS AN INTEGRAL STRUCTURAL UNIT IN THE EVENT THAT CRACKS DEVELOP IN THE PAVEMENT. CONTRACTION JOINTS SHOULD NOT BE SPACED GREATER THAN 20' O.C.E.W. AIR ENTRAINMENT (3 TO 7% TOTAL AIR BY VOLUME) WILL IMPROVE THE SERVICE LIFE OF THE CONCRETE PAVEMENT AND IS RECOMMENDED FOR RESISTANCE TO FREEZE/THAW.

   THE CONCRETE SECTION SHOULD BE PLACED OVER A LIME STABILIZED SUBGRADE OF A MINIMUM THICKNESS OF 8" STABILIZED WITH APPROXIMATELY 6% OF HYDRATED LIME COMPACTED TO 95% OF STANDARD PROCTOR (ASTM D 698) AT 0 TO 2% ABOVE OPTIMUM MOISTURE CONTENT. ALL MATERIALS AND METHODS SHOULD BE IN ACCORDANCE WITH TXDOT SPECIFICATIONS.
3. INSTALL CONCRETE WHEEL STOP PER SPECIFICATIONS, SHEET C6.
4. STRIPING OF AND PAVEMENT MARKINGS FOR PARKING LOT TO BE APPLIED USING PAINT APPROVED BY THE CITY OF ROCKWALL.
5. CONSTRUCT 4" THICK P.C.C. SIDEWALK ON A MINIMUM OF 4" OF CLEAN SAND COMPACTED TO AT LEAST 90% OF STANDARD PROCTOR (ASTM D 698) MAXIMUM LABORATORY DRY DENSITY WITHIN PLUS OR MINUS 2 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT.
6. CONSTRUCT METAL BEAM GUARDRAIL PER TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION GF(TD)-87.
7. OFFSITE CONTOUR TO BE GRADED BY OTHERS.

NOTE: SHADED AREAS OF PAVEMENT ARE TO BE BID SEPARATELY

LEGEND

- IRON ROD FOUND (AS NOTED)
- HWY. MON. FOUND
- 1/2" IRON ROD SET
- EXISTING POWER POLE
- RELOCATED POWER POLE
- H HANDICAP PARKING SPACE
- T ELECTRICAL TRANSFORMER
- TC TOP OF CURB
- G GUTTER
- FS FINISHED SURFACE
- FL FLOWLINE
- SILTFENCE

BENCHMARK:
City of Rockwall Monument No. 6.
ELEV. 556.17

NOTES:

1. CONTRACTOR TO COORDINATE WITH THE TEXAS DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION ALL WORK TO BE PERFORMED WITHIN I.H. 30 RIGHT-OF-WAY.
2. REFERENCE SOILS REPORT BY BENCHMARK ENVIRONMENTAL CONSULTANTS (BEC PROJECT NO. 828-94) DATED AUGUST 4, 1994, FOR ALL SIDEWALK AND PAVEMENT THICKNESS, SUBGRADE PREPARATION, AND ANY DESIGN ALTERNATIVES.

No.	REVISION	BY	DATE
6	ADDED BENCHMARK, GUARDRAIL, WARNING SIGNS, AND ADDITIONAL GRADING	G.L.V.	03/01/95
5	REVISE PARKING IN FRONT OF BLDG.	S.E.W.	12/30/94
4	ADDED BID NOTE	S.E.W.	12/21/94
2	REVISE CONSTRUCTION LEGEND, NOTES, ADDED SPOT ELEVATIONS	S.E.W.	10/27/94

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STATE OF TEXAS
SEAL
REGISTERED PROFESSIONAL ENGINEER
80062
S. E. WEBB
LICENSED
PROFESSIONAL ENGINEER

CHILI'S IN ROCKWALL, TEXAS
GRADING PLAN

chili's GRILL & BAR

Scale: 1" = 20' Date: 10/21/94
Disk: Drawn by: A.B.C.
Xref: NONE
File: 002056RA.DWG
Approved by: S.E.W.
Project No.: 3002-05

SHEET C3 OF 7

C:\CHILI'S\ROCKWALL\002056RA Tue Mar 7 16:16:52 1995