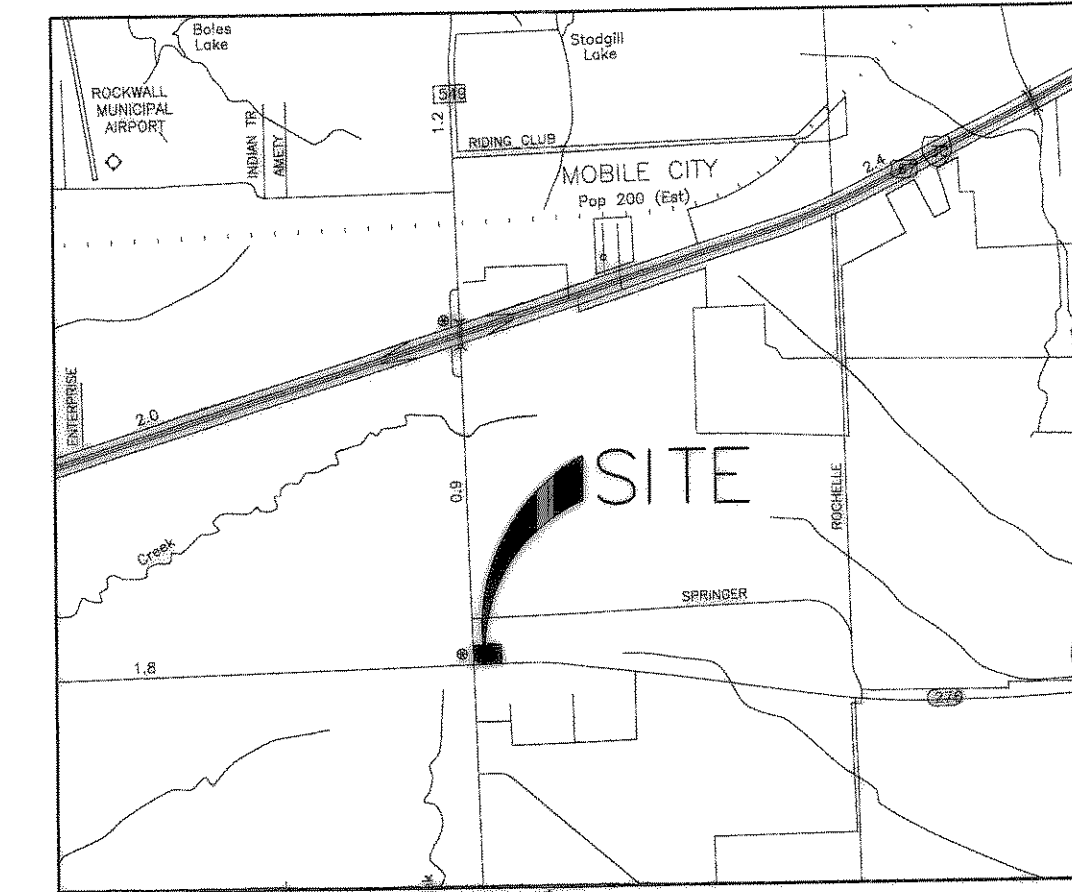
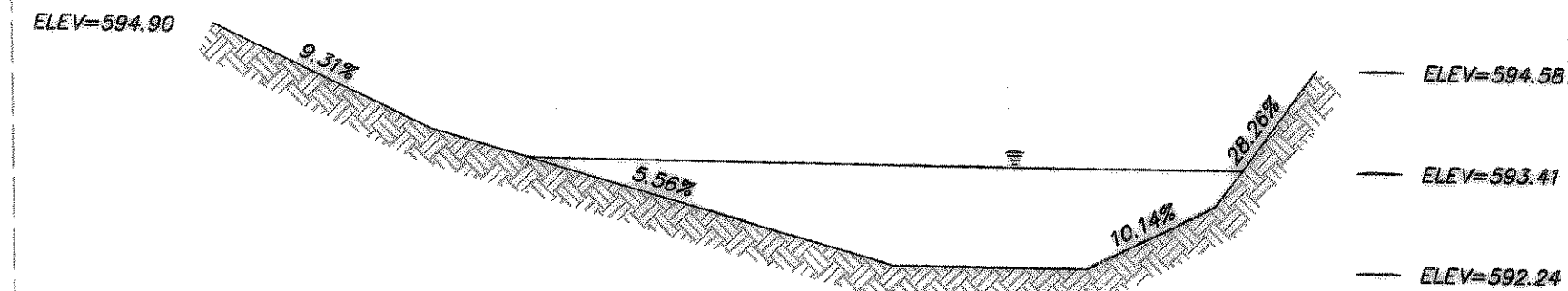
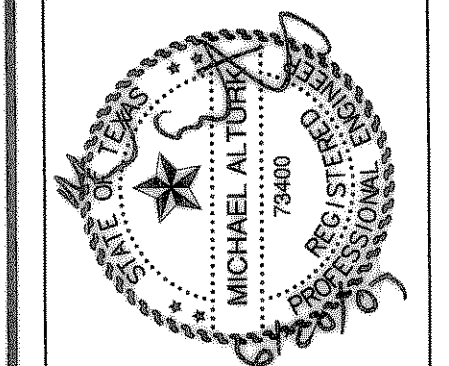


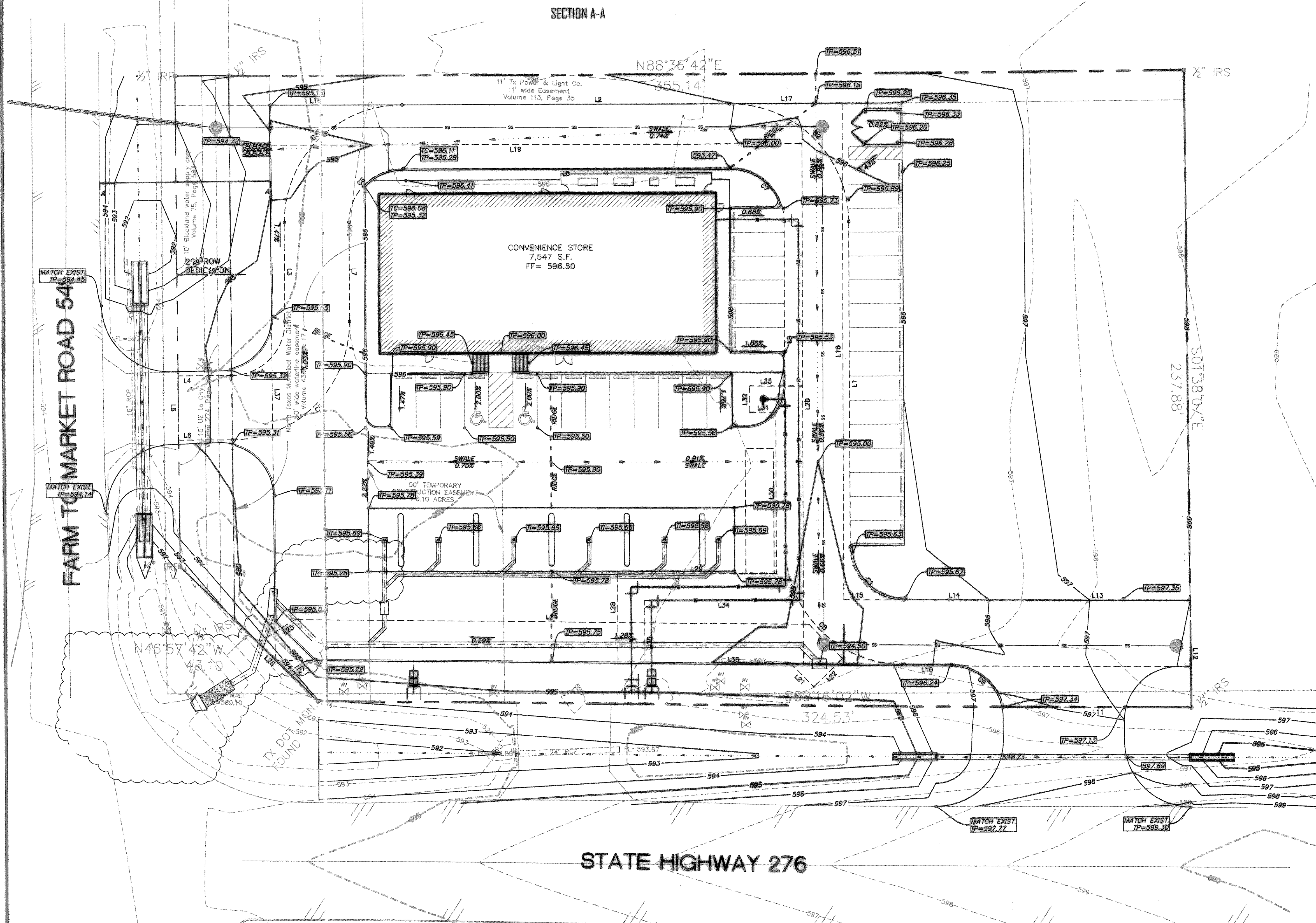
CHANNEL DATA:  
 SHAPE: TRAPEZOIDAL  
 SLOPE: 0.035 R/L  
 DEPTH: 1 FT  
 HEIGHT: 2 FT  
 BOTTOM WIDTH: 10 FT  
 FLOWRATE: 140.58 CFS  
 VELOCITY: 5.84 FPS  
 FULL FLOWRATE: 665.02 CFS  
 FLOW AREA: 24.09 FT<sup>2</sup>  
 FLOW PERIMETER: 38.38 FT  
 HYDRAULIC RADIUS: 0.63 FT  
 TOP WIDTH: 38.18 FT  
 AREA: 78.36 FT<sup>2</sup>  
 PERIMETER: 66.52 FT  
 PERCENT FULL: 50%



NO.	DESCRIPTION	DATE	SCALE
1	ISSUE FOR PERMIT	5/20/06	1" = 20'
2	ISSUE FOR PERMIT	9/07/06	1" = 20'
3	REVISE SANITARY SEWER PER PRIVATE 84" WATER LINE	12/14/06	1" = 20'
4	REVISE STORM SEWER AND CURB INLET	5/30/06	1" = 20'



GRADING PLAN  
 SUBWAY / GATEWAY / HEALTH FOOD STORE  
 STATE HIGHWAY 276 & F.M. 549  
 ROCKWALL, ROCKWALL COUNTY, TEXAS



**LEGEND**

---	PROPERTY LINE
---	ADJOINED PROPERTY
---	EXISTING 1' CONTOUR
---	PROPOSED 1' CONTOUR
---	EXISTING OVER HEAD ELECTRIC
---	EXISTING WATER LINE
---	PROP. SPOT ELEV
---	FLOW ARROW
TP	TOP OF PAVEMENT
TC	TOP OF CURB
TI	TOP OF INLET

- GENERAL NOTES:**
- ALL UNDERGROUND UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY EXACT UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL DIG-TESS AT 1.800.344.8377 PRIOR TO ANY EXCAVATION.
  - IF ANY CONFLICT OR DISCREPANCY FROM THE PLANS IS FOUND, NOTIFY THE ENGINEER BEFORE CONTINUING WITH ANY FURTHER CONSTRUCTION.
  - ALL PIPE SHALL BE LAID STARTING AT THE OUTFALL AND LAID UPSTREAM FROM THAT POINT.
  - STORM SEWER PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) CLASS III OR GREATER OR HDPE WHERE SHOWN ON THE PLANS.
  - SPOT ELEVATIONS SHOWN ARE TO THE TOP OF PROPOSED PAVEMENT AND/OR TOP OF FINISHED GRADE, UNLESS OTHERWISE NOTED. ADD 0.5 FEET FOR TOP OF CURB ELEVATIONS.
  - CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY CITY OF ROCKWALL, TEXAS PRIOR TO STARTING CONSTRUCTION.
  - REFER TO EROSION CONTROL PLAN, SHEET C-4.2, FOR SEQUENCE OF CONSTRUCTION.
  - DIG-TESS TEXAS ONE CALL PARTICIPANTS REQUEST 48 HOURS NOTICE BEFORE YOU DIG, DRILL OR BLAST. STOP, CALL TEXAS DIG-TESS SYSTEM AT 1.800.344.8377.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR WILL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR BY FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

**RECORD DRAWINGS**  
 THE DRAWINGS CONTAINED IN THIS SET ARE "RECORD DRAWINGS". THE INFORMATION SHOWN ON THESE SHEETS, WHERE IT DIFFERS FROM THE PERMITTED SET, IS TAKEN FROM FIELD OBSERVATIONS AND NOTES PROVIDED BY THE GENERAL CONTRACTOR.

**TRENCH SAFETY**  
 STATE OF TEXAS LAW REQUIRES THAT THE CONTRACTOR WILL PROVIDE A TRENCH SAFETY PLAN (TRENCH SHORING) FOR UTILITY TRENCHES GREATER THAN FIVE (5) FEET IN DEPTH. THIS PLAN SHALL BE PREPARED BY A PROFESSIONAL ENGINEER. THE CONTRACTOR SHALL SUBMIT THE TRENCH SAFETY PLAN TO THE CITY OF ROCKWALL ENGINEER PRIOR TO THE START OF CONSTRUCTION.

1120 S. FREEWAY SUITE 118  
 FT WORTH, TX 76104  
 PHONE (817) 271-9066  
 FAX (817) 796-1042



SHEET  
**C-4.0**