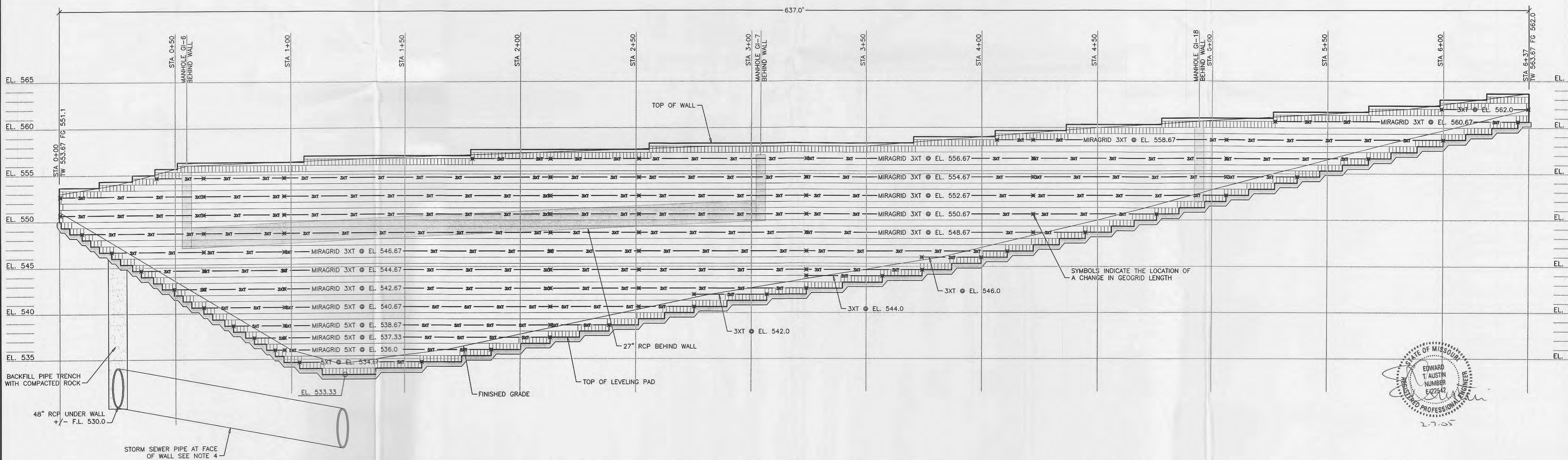


PLAN VIEW - WALL 1  
SCALE 1"=20'

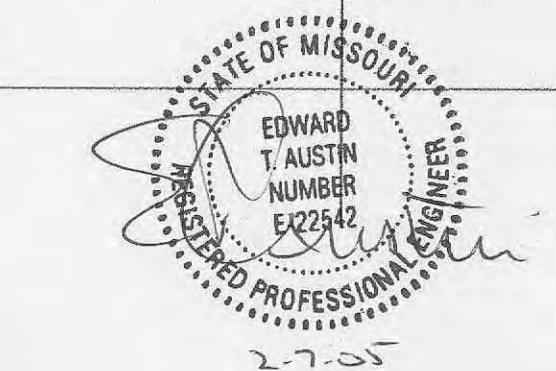
NOTE: THIS KEYSTONE WALL BATTERS BACK AT 1.5" PER FOOT OF WALL HEIGHT. TOE OF WALL MUST BE KICKED OUT TO KEEP TOP OF WALL FROM ENCRANCHING ON PARKING LOT.



GEOGRID LENGTH = 10'	GEOGRID LENGTH = 14'	GEOGRID LENGTH = 16'	GEOGRID LENGTH = 14'	GEOGRID LENGTH = 12'	GEOGRID LENGTH = 10'	GEOGRID LENGTH = 8'	GEOGRID LENGTH = 6'
RBC = 2200 PSF	RBC = 2750	REQUIRED BEARING CAPACITY = 3200 PSF	RBC = 2750 PSF	RBC = 2520 PSF	RBC = 2200 PSF		RBC = 2000 PSF

- NOTES:
1. TW/BW NOTATIONS ON PROJECT PLAN VIEW ARE THE ESTIMATED ELEVATIONS PROVIDED BY THE PROJECT ENGINEER. SEE THE ELEVATION VIEW FOR ACTUAL TOP OF WALL ELEVATIONS.
  2. ANGLE POINTS MAY BE CONSTRUCTED AS RADIUS CORNERS WITH THE APPROVAL OF THE OWNER.
  3. THIS WALL DESIGN IS BASED ON THE PROJECT PLANS PREPARED BY PICKETT, RAY, AND SILVER PROVIDED ELECTRONICALLY 2-1-2005.
  4. STORM SEWER PIPE AT FACE OF WALL. PIPE TRENCH TO BE BACKFILLED WITH COMPACTED ROCK. BACKFILL COMPACTION TO BE TESTED AND APPROVED BY MIDWEST TESTING PRIOR TO WALL CONSTRUCTION.
  5. SEE THE PROJECT PLANS FOR WALL LAYOUT.
  6. THE CONTRACTOR SHALL VERIFY ELEVATIONS PRIOR TO CONSTRUCTION.
  7. TEMPORARY EXCAVATION STABILITY DESIGN AND THE SHORING REQUIREMENTS ARE BEYOND THE SCOPE OF THIS DESIGN AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
  8. FOUNDATION STABILITY AND GLOBAL STABILITY ANALYSIS HAVE BEEN PERFORMED BY JACOBI GEOTECHNICAL. THESE PLANS INCORPORATE THEIR RECOMMENDATIONS. SEE THE JACOBI REPORT FOR SPECIFIC FOUNDATION REQUIREMENTS.

ELEVATION VIEW - WALL 1  
SCALE 1"=20'  
1"=5V



MEGAN CROSSING  
O'Fallon, MO

KEYSTONE WALL	PLAN/ELEVATION VIEW
Revision: 1-14-2005	Date: 8-5-2004
Revision: 2-7-2005, New Wall Layout	Sheet: 2 of 3