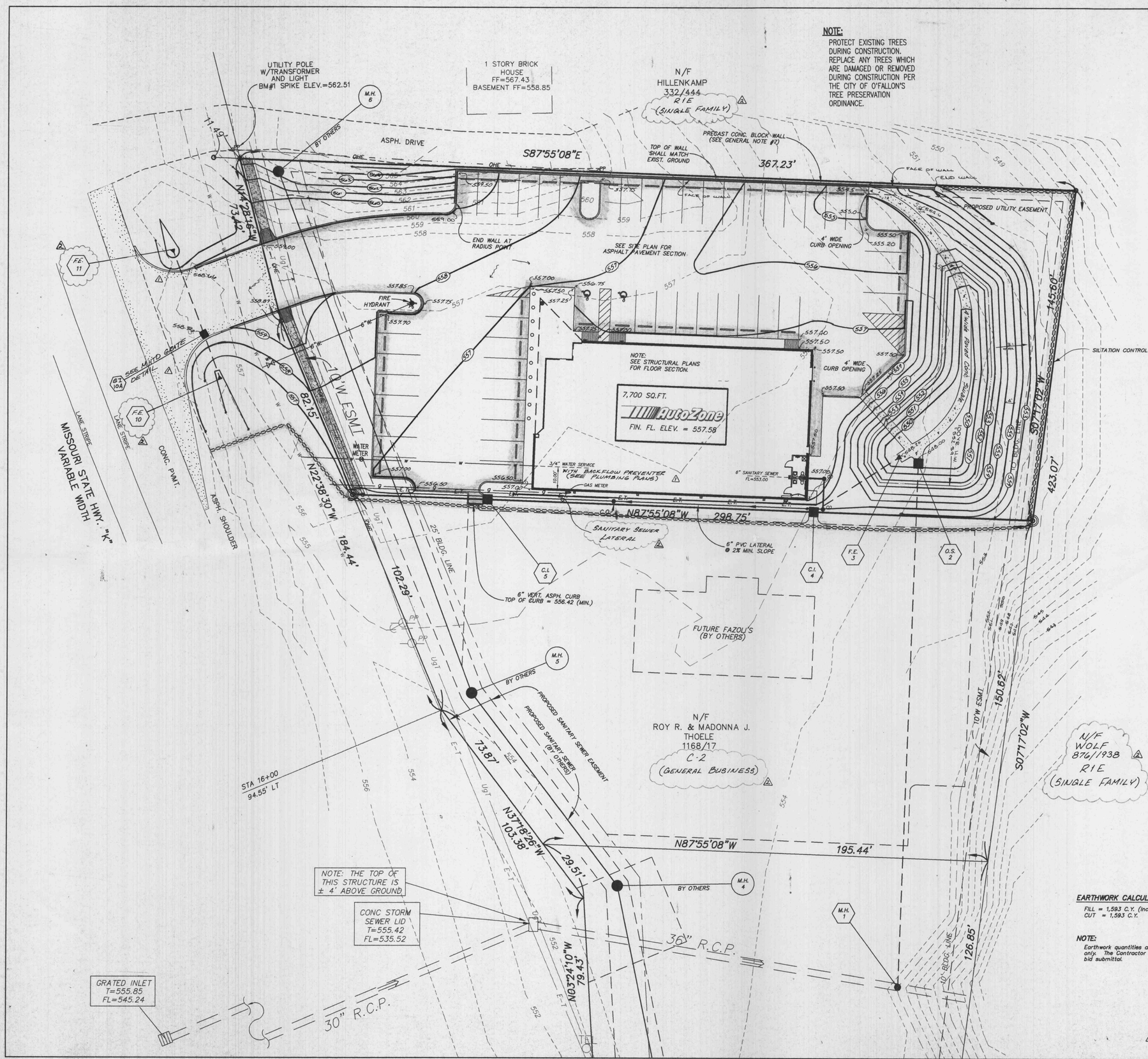

NOTE:
PROTECT EXISTING TREES DURING CONSTRUCTION. REPLACE ANY TREES WHICH ARE DAMAGED OR REMOVED DURING CONSTRUCTION PER THE CITY OF O'FALLON'S TREE PRESERVATION ORDINANCE.

EARTHWORK CALCULATIONS

FILL = 1,593 C.Y. (Include 15% Shrinkage)
CUT = 1,593 C.Y.

NOTE:
Earthwork quantities are provided for permitting purposes only. The Contractor shall verify quantities prior to bid submittal.

GRADING NOTES

1. All graded areas shall be protected from erosion by sedimentation basins; erosion control devices or siltation basins.
2. All slopes shall be seeded or sodded and mulched. Maximum slopes shall not exceed 3 feet horizontal to one foot vertical.
3. Elevations and contours shown are to top of finished ground or paved surface.
4. All trash, debris, organic material, refuse, frozen earth, etc., shall be removed from fill areas prior to the placement of controlled fill. All fills and backfills shall be made of selected earth materials, free from broken masonry, rock, frozen earth, rubbish, organic material and debris.
5. Care shall be exercised in compaction of backfill materials over the top of structures or pipes in order to prevent damage to the waterproofing membranes, joints, seals and/or the pipes and structures themselves. Compaction and placing of backfill and fill materials shall be performed under the continuous supervision of an approved testing laboratory. Fill shall not be placed on frozen ground, nor shall filling operations continue when the temperature is such as to permit the layer under placement to freeze.
6. See Anderson Engineering Consultants Inc. report titled "Geotechnical Investigation, Proposed Autozone Store", Job No 4046 for grading specifications.
7. Retaining walls shown on this plan are for informational purposes only and shall be designed by the block manufacturer.
8. The contractor shall protect and carefully preserve all survey or property markers and monuments. Any markers or monuments that are removed or disturbed by the Contractors actions shall be replaced at the Contractor's expense by a professional surveyor licenced in the State of Missouri.
9. The contractor shall comply with all applicable national, state and local building codes, permits, and ordinances to include but not be limited to municipal building and demolition permits, electrical codes, plumbing codes, and the Missouri Department of Natural Resources requirements.
10. The contractor shall contact all utility companies for field marking of utilities prior to start of any work. The engineer shall be notified of existing utility conditions that are different than that shown herein.
11. The contractor shall control dust by sprinkling water or any other means approved by the owners representative.
12. Loads of material moving to and from the site shall be trimmed to prevent dropping along the haul road.
13. The Contractor shall obtain approval and all necessary permits from authorities having jurisdiction over the route of disposal and the disposal location.
14. Use of explosives and burning on-site will not be permitted.
15. All work within the highway "K" Right-Of-Way shall be per Missouri Highway and Transportation Department standards and specifications.
16. All dimensions shown are to back of curb or face of building. **DO NOT SCALE DRAWINGS**
17. See Site Plan prepared by Autozone for Site improvements other than grading or drainage.
18. The detention basin as depicted has been designed to provide detention storage for the Autozone Site and the proposed Fazoli's Restaurant. Development other than Fazoli's will require additional annalysis.

NOTE:
All elevations are to top of pavement unless indicated otherwise.

REV. 1-23-95 PER CITY COMMENTS LTR, DTD. 1-19-95
REV. 12-14-94 PER MHTD & CITY COMMENTS
REV. 11-28-94 PER SITE PLAN CMMT. LTR. DTD. 11-16-94

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AutoZone
DESIGN & CONSTRUCTION
3030 POPLAR AVENUE MEMPHIS, TENNESSEE 38111
PHONE:(901) 325-5176
FAX(901) 325-4583

STATE OF MISSOURI HAROLD J. BARTCH REISS E-17751 REGISTERED PROFESSIONAL ENGINEER

ENGINEERING AUTHENTICATION
The responsibility for professional engineering data relating to a project or facility funded by the AutoZone Development Partnership is limited to that data which is identified by the seal of a professional engineer. The AutoZone Development Partnership assumes no responsibility for the accuracy of any engineering data not bearing the seal of a professional engineer for the project, and specifically rejects any such data which is not so authenticated.
PROJECT: B&J & SILVER
Signature

PICKETT RAY & SILVER
Celebrating 25 Years of Service
Civil Engineers
Planners
Land Surveyors
333 Mid Rivers Mall Dr.
St. Peters, Missouri 63376
(314) 441-1311 FAX 441-1459

PROJECT NO: JOB_NO
PROJECT ADDRESS:
HIGHWAY "K"
O'FALLON, MO. 63366
SHEET TITLE:
GRADING PLAN

PROJ. MANAGER: R.J.T.
DRAWN BY: R.D.W.
DATE: 11-16-94
7NR

C1.2