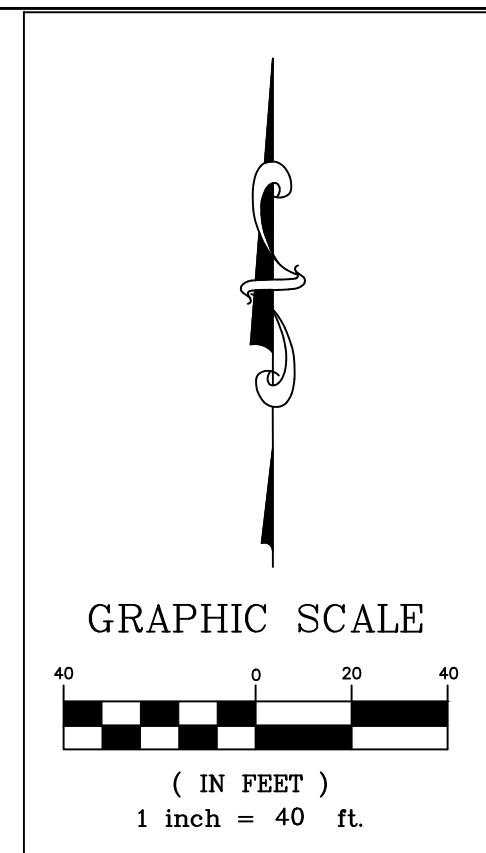


MATCHLINE SHEET 5

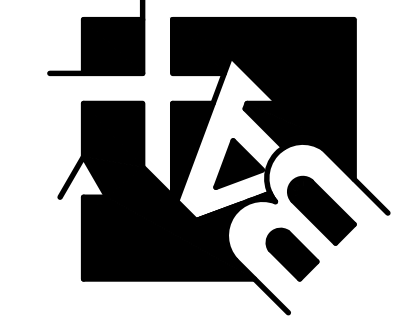
MATCHLINE SHEET 5



**PROJECT TITLE:**  
**THORNWOOD APARTMENTS**  
**THORNBUARY CROSSING DRIVE**  
**O'FALLON, MO 63366**

**ENGINEERING**  
**PLANNING**  
**SURVEYING**

221 Point West Blvd.  
 St. Charles, MO 63301  
 636-928-5552  
 FAX 636-928-1718



DISCLAIMER OF RESPONSIBILITY  
 I hereby certify that the documents intended to be authenticated by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.



CLIFFORD L. HEITMANN  
 Civil Engineer  
 License E-29817

**REVISIONS**

07-25-24	CITY COMMENTS
08-15-24	CITY COMMENTS

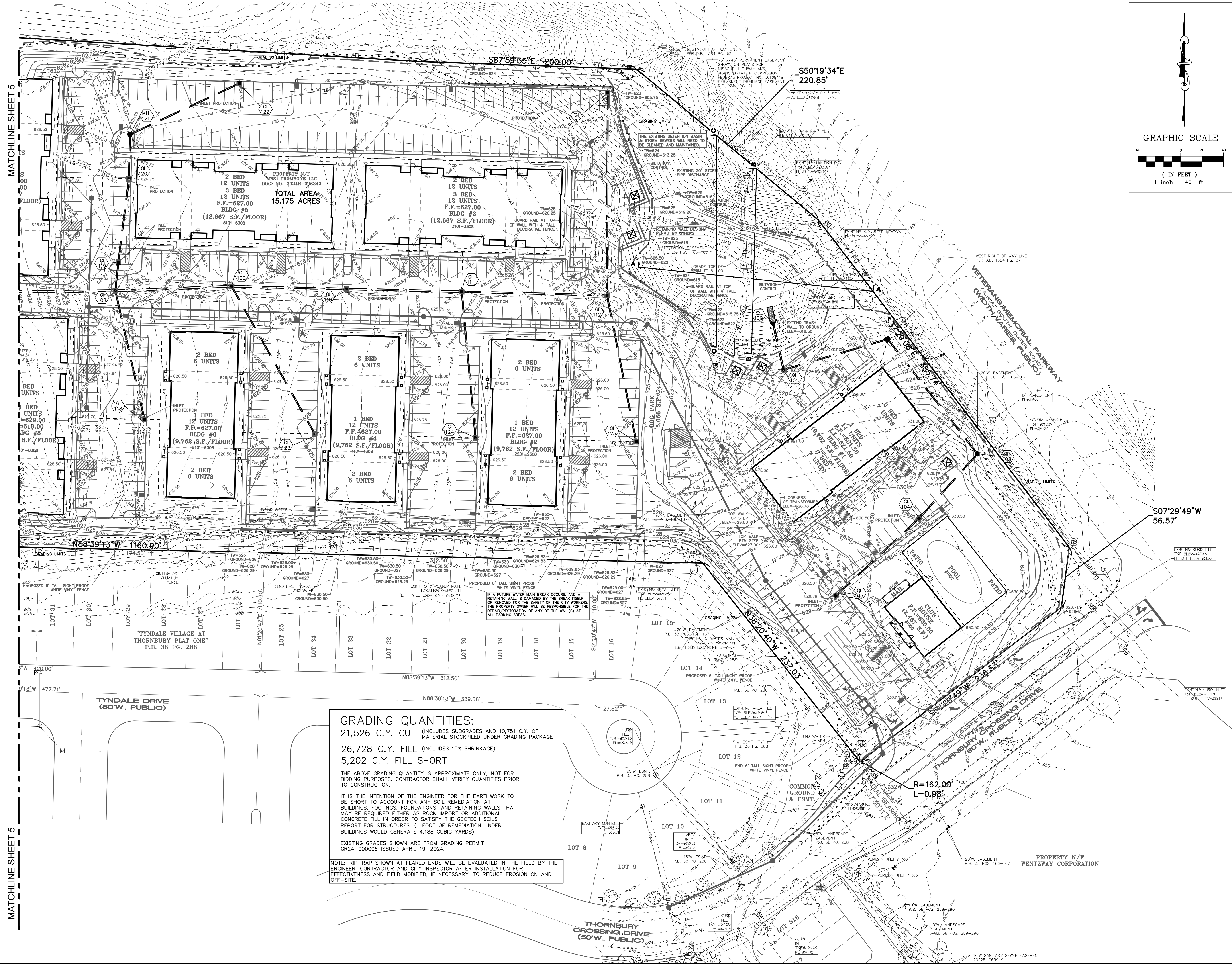
Box Engineering Company, Inc.  
 Missouri State Certificate of Authority  
 Engineering #000555  
 Missouri State Certificate of Authority  
 Surveying #000144

**Developer / Owner:**  
**MRS TROMBONE LLC**  
**1100 WOODCHASE LANE**  
**CHESTERFIELD, MO 6307**  
**314-469-0029**

**P+Z No.** 23-010426  
**Approval Date:** 1-4-24  
**City No.** #

**Page No.**  
**6 of 34**

**GRADING PLAN**



**GRADING QUANTITIES:**  
 21,526 C.Y. CUT (INCLUDES SUBGRADES AND 10,751 C.Y. OF MATERIAL STOCKPILED UNDER GRADING PACKAGE)  
 26,728 C.Y. FILL (INCLUDES 15% SHRINKAGE)  
 5,202 C.Y. FILL SHORT

THE ABOVE GRADING QUANTITY IS APPROXIMATE ONLY, NOT FOR BIDDING PURPOSES. CONTRACTOR SHALL VERIFY QUANTITIES PRIOR TO CONSTRUCTION.

IT IS THE INTENTION OF THE ENGINEER FOR THE EARTHWORK TO BE SHORT TO ACCOUNT FOR ANY SOIL REMEDIATION AT BUILDINGS, FOOTINGS, FOUNDATIONS, AND RETAINING WALLS THAT MAY BE REQUIRED EITHER AS ROCK IMPORT OR ADDITIONAL CONCRETE FILL IN ORDER TO SATISFY THE GEOTECH SOILS REPORT FOR STRUCTURES. (1 FOOT OF REMEDIATION UNDER BUILDINGS WOULD GENERATE 4,188 CUBIC YARDS)

EXISTING GRADES SHOWN ARE FROM GRADING PERMIT GR24-000006 ISSUED APRIL 19, 2024.

NOTE: RIP-RAP SHOWN AT FLARED ENDS WILL BE EVALUATED IN THE FIELD BY THE ENGINEER, CONTRACTOR AND CITY INSPECTOR AFTER INSTALLATION FOR EFFECTIVENESS AND FIELD MODIFIED, IF NECESSARY, TO REDUCE EROSION ON AND OFF-SITE.

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