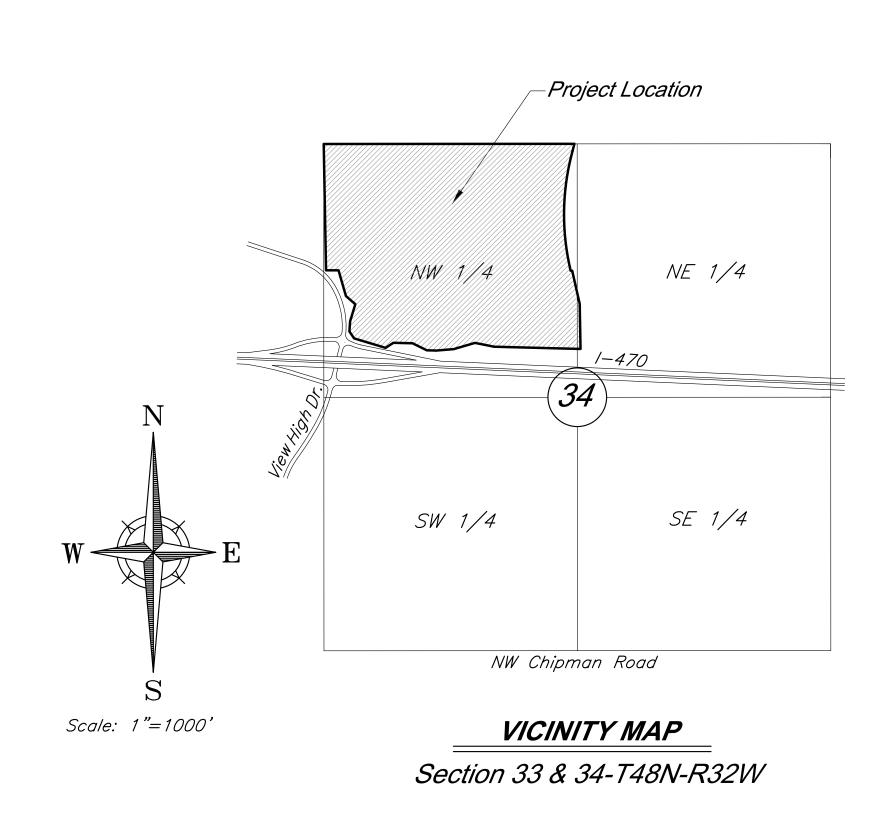
# TREE CLEARING PLANS FORPARAGON STAR DEVELOPMENT

Sections 33 & 34-Township 48-Range 32 City of Lee's Summit Jackson County, Missouri



INDEX	OF SHEETS
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<i>5-6</i>	Erosion Control Plan-Phase 2
<i>7-8</i>	Erosion Control Plan-Phase 3
0-10	Detail Sheets

## UTILITY CONTACTS

Mr. Jeff Thorn, PE Gas Mr. Donnie Richards Sanitary Sewers Missouri Gas Energy City of Lee's Summit Water Utilities 7500 E 35th Terrace 220 SE Green Street Kansas City, MO 64129 Lee's Summit, MO 64063 (816) 472-9464 (816) 969-1922 Fax (816) 472-3488 email: jeff.thorn@cityofLS.net email: donnie.richards@sug.com Mr. Jeff Shook Little Blue Valley Sewer District Cable Television 21101 East 78 Highway Mr. Greg Thomas Time Warner Cable Independence, MO 64057 (816) 285-1522 8221 W. 119th Street Overland Park, KS 66213 email: jshook@lbvsd.net (913) 643-1950 `email: greg.thomas@twcable.com Mr. Jeff Thorn, PE Water City of Lee's Summit Water Utilities 220 SE Green Street Telephone Ms. Glenda Charles Lee's Summit, MO 64063 AT&T (816) 969-1922 1425 Oak Street email: jeff.thorn@cityofLS.net Kansas City, MO 64106 (816) 365-1669 Fax (816) 275-1109 Electric Service Mr. Nathan Michael email: gc6954@att.com Kansas City Power & Light P.O. Box 418679 Kansas City, MO 64141 (816) 220-5210 Fax (816) 245-3623

DEVELOPED AND OWNED BY: PARAGON STAR LLC 801 NORTHWEST COMMERCE CENTER LEE'S SUMMIT, MISSOURI 64086 PHONE: (816) 802-6801 CONTACT: Mr. Flip Short EMAIL: fshort@legacytouch.com

PREPARED & SUBMITTED BY: GEORGE BUTLER ASSOCIATES, INC. 9801 RENNER BOULEVARD LENEXA, KANSAS 66219 PHONE: 913-492-0400 FAX: 913-577-8312 CONTACT: BRAD BURTON P.E. EMAIL: BBURTON@GBATEAM.COM



PROJECT ENGINEER:

DATE:

APPROVED:

WDEV OF OUEETC

CITY ENGINEER:

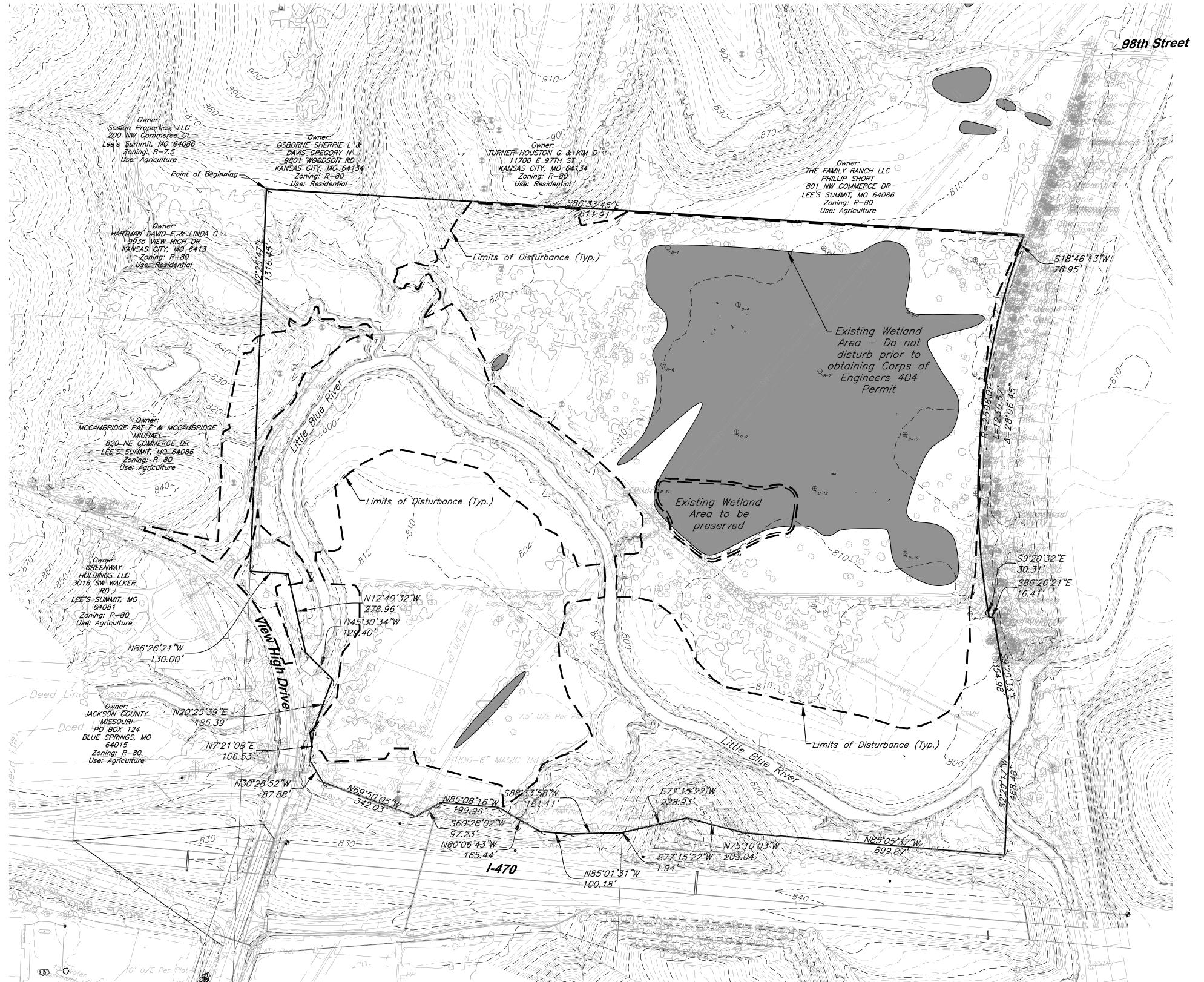
DATE:

architects engineers

9801 Renner Boulevard Lenexa, Kansas 66219 9 1 3 . 4 9 2 . 0 4 0 0 www.gbateam.com

6-6-18 City Comments 11-1-16

email: Nathan.Michael@kcpl.com

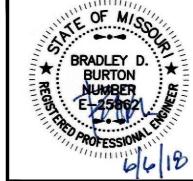


# EROSION & SEDIMENT CONTROL STAGING CHART (See Sheets 3 thru 8)

Permanent Stabilization will be considered stabilized when 100% of disturbed area is established with perennial vegetation with a

density of 70%.

Project Stage	BMP Plan Ref. No.	BMP Description	May Remove after Stage	Notes
A. Prior to Tree Clearing	1	Const. Entrance & Staging Area	С	
	2	Install Orange Construction Fence	С	
	3	Perimeter Silt Fence	С	
B. Tree Clearing	4	Stockpile Topsoil	С	Install silt fence a min. of 5' beyond toe of slope for all stockpile areas.
	5	Silt Fence	С	
	6	Ditch Check	С	
	7	Straw Wattles	С	Wattles to be kept on hand for perimeter control where needed.
C. Permanent Stabilization*	8	Seed & Mulch or Blanket or Sod		Erosion control blanket to be installed w/ seed. Check approved seeding dates and install temporary stabilization if out of seeding season.  Install blanket according to manufacturer's instructions and stapling pattern.



architects

engineers 9801 Renner Boulevard Lenexa, Kansas 66219 9 1 3 . 4 9 2 . 0 4 0 0

DRAWN BY: 12720 PROJECT NO.:

DESIGN BY:

Bradley D. Burton Professional Engineer License No. 25862

#### Tree Clearing Plans Paragon Star Development

Lee's Summit, Missouri DATE 6-6-18 City Comments

www.gbateam.com

### GENERAL NOTES:

- 1. The construction covered by these plans shall conform to the current "City Standards" and "Specifications" of the City Planning and Development and Public Works Departments, Lee's Summit, Missouri, except as noted.
- 2. It shall be the Contractors responsibility to have one copy of these approved plans and the most current standards and specifications on the job site at all times
- 3. The Contractor shall be responsible for obtaining all required permits, paying all fees and for otherwise complying with all applicable regulations governing the work.
- 4. Construction Staking Construction staking will be performed by the Engineer and paid for by the Owner, one time only. The Engineer will set those stakes necessary to control location and elevation of the items covered in these plans. It shall be the responsibility of the Contractor to arrange with the Engineer for the stakes needed to construct this project in accordance with these plans. It shall also be the responsibility of the Contractor to protect those stakes until they are no longer needed.

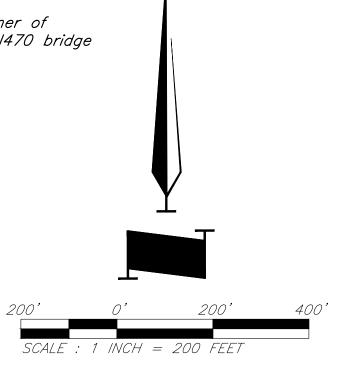
  The Contractor shall be responsible for payment to the Engineer for any necessary restaking or checking of elevations of damaged stakes. Restaking requests will be documented by the Engineer and agreed to with the Contractor prior to proceeding with the work.
- As a condition of final payment to the Contractor by the Owner, the Contractor shall furnish to the Owner a letter from the Engineer stating that all restaking and checking services have been paid for. If payment for restaking and checking has not been made to the Engineer, the Owner reserves the right to pay the Engineer from moneys payable to the Contractor.
- 5. Prior to commencing work, the Contractor, by his own investigation, is to satisfy himself as to the surface and subsurface conditions to be encountered.
- 6. Prior to commencement of work, the Contractor is to notify all those companies which have facilities in the vicinity of the construction to be performed.
- 7. The Contractor is responsible for the protection of all property corners and section corners. Any property corners and/or section corners disturbed or damaged by construction activities shall be reset by a Registered Land Surveyor licensed in the State of Missouri, at the Contractor's expense.
- 8. Demolition, clearing, and grubbing operations and disposal of all debris is to be performed by the Contractor in strict accordance with all local codes and ordinances.
- 9. All waste material including trees and brush is to be disposed of off-site by the Contractor.
- 10. The Contractor shall be responsible for the restoration of the right-of-way and for damaged improvements such as curbs, sidewalks, street light and traffic signal junction boxes, traffic signal loop lead ins, signal poles, etc. Damaged improvements shall be repaired in conformance with the latest City Standards and to the City's satisfaction.
- 11. The locations of existing underground utilities are taken from utility company records. They are approximate and have not been field verified. The Contractor is to determine the exact location of all existing utilities before commencing work and agrees to be fully responsible for any and all damages which might result from his failure to do so.
- 12. The Contractor is to coordinate the relocation of any utilities that may be encountered prior to the start of construction.
- 13. All utility extensions and construction is to conform to the Standards and Specifications of the applicable utility companies.
- 14. All manholes, catch basins, utility valves and meter pits are to be adjusted or rebuilt to grade as required.
- 15. Contractor shall control downstream erosion and silting during construction.
- 16. All traffic signage, barricades, drum, pavement markings, and other traffic control devices shall be in accordance with the latest edition of the Manual of Uniform Traffic Control Devices (M.U.T.C.D.).
- 17. No work is allowed within the stream buffer area outside of the clearing limits shown on these drawing.

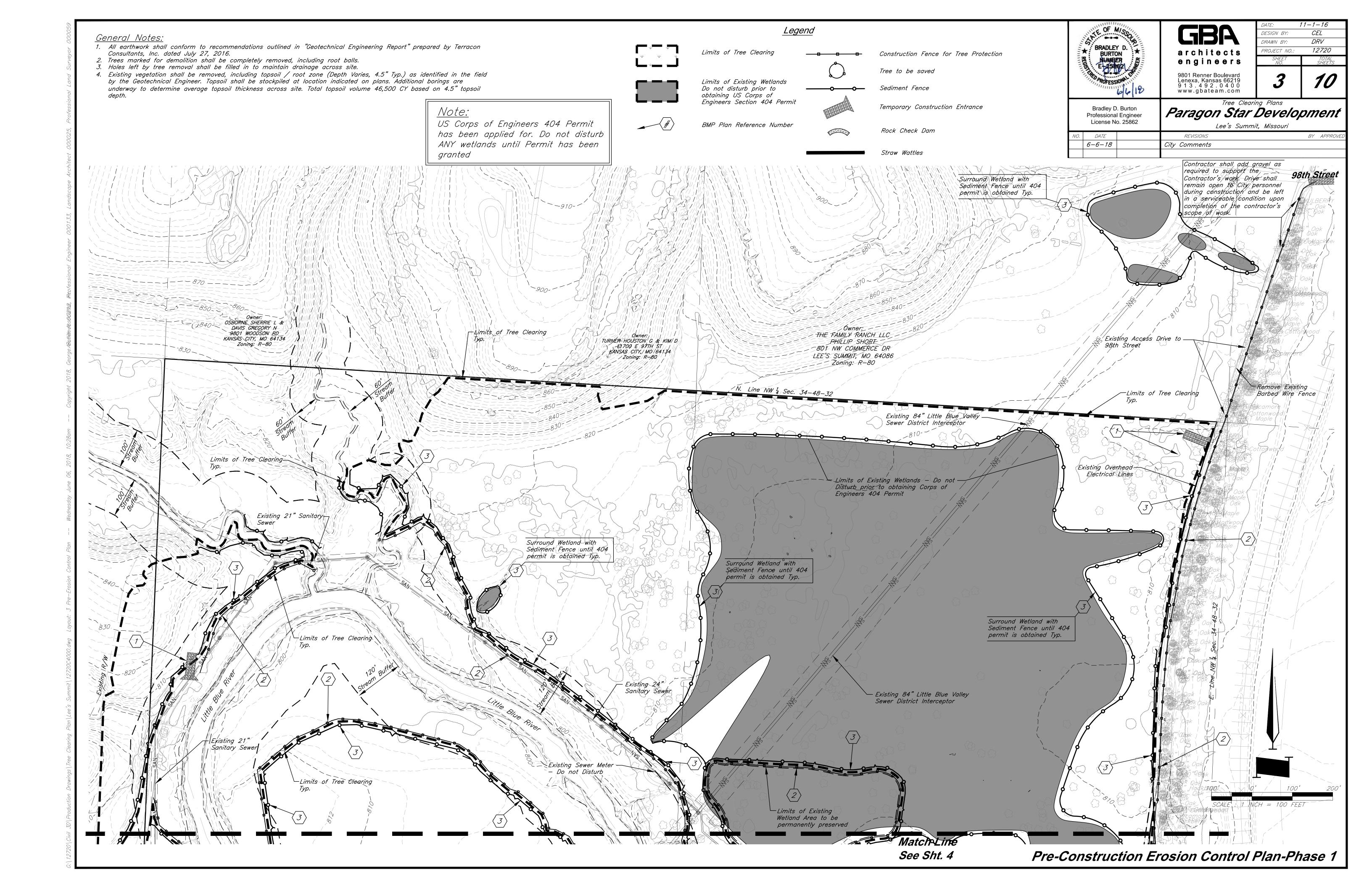
#### PROJECT BENCHMARK:

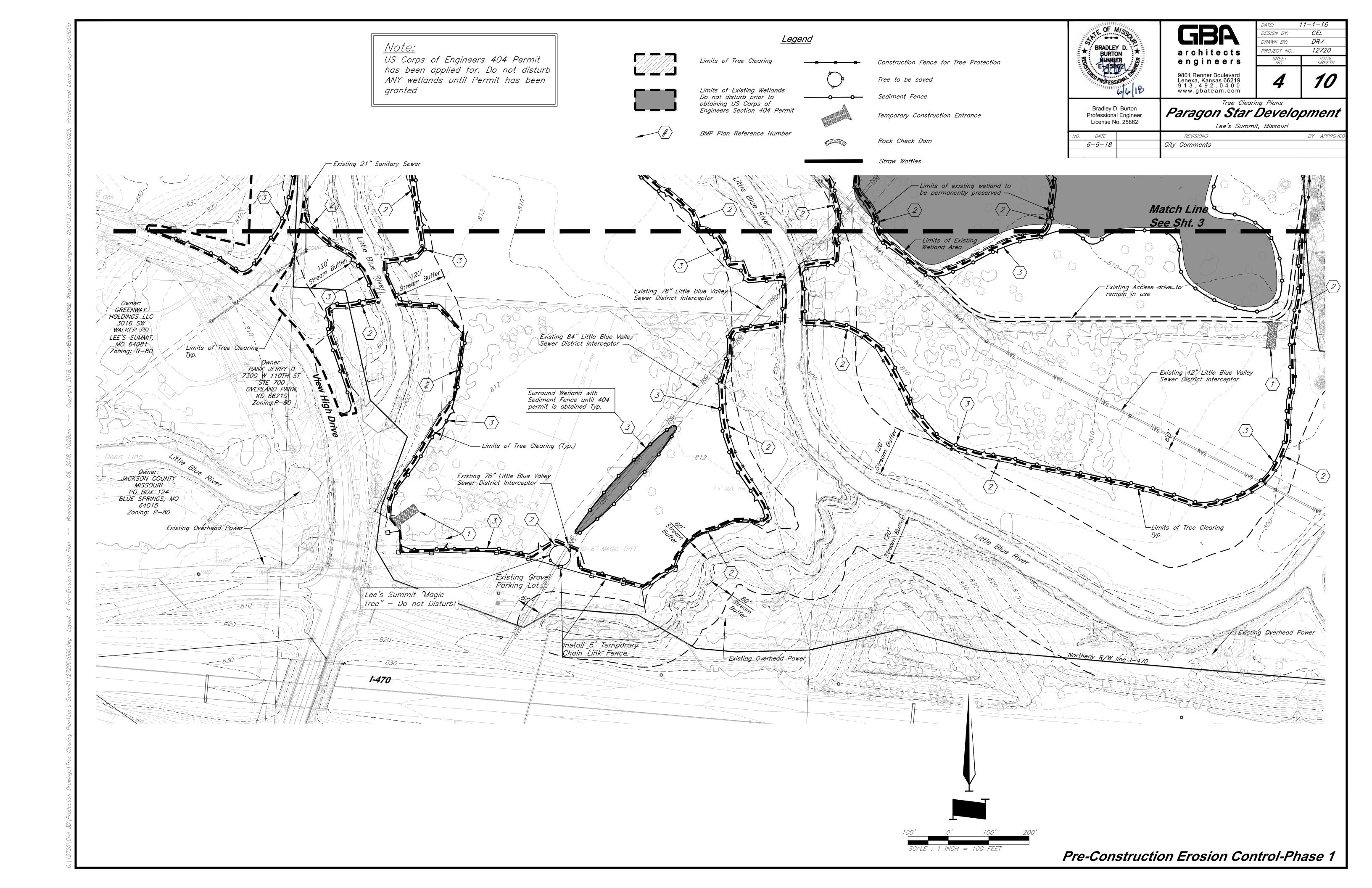
BM #11 - Chiseled "L" on top Northeast corner of concrete quardrail at the Northeast corner of 1470 bridge spanning View High Drive. EL=833.80

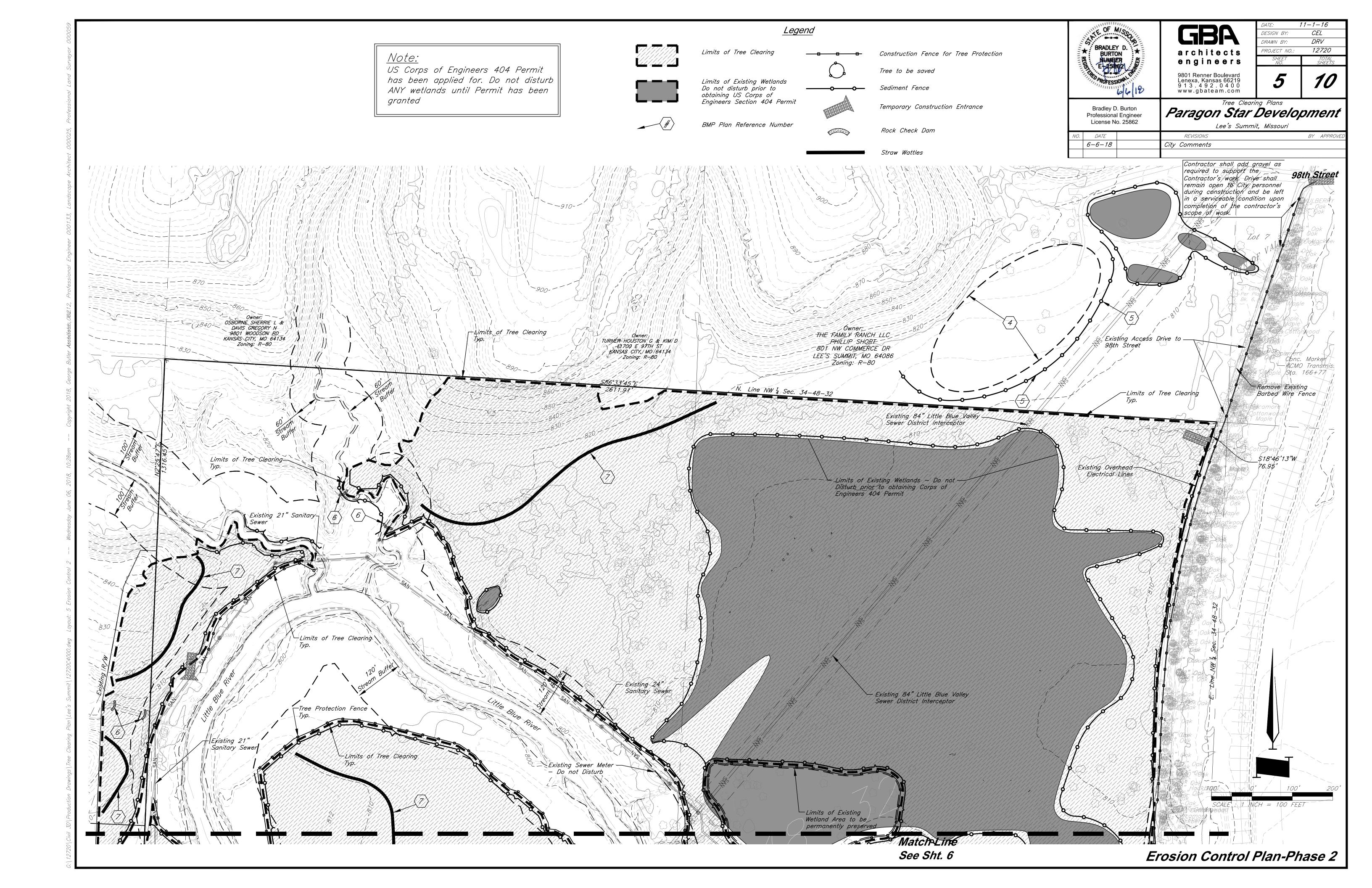
#### Total Disturbed Area:

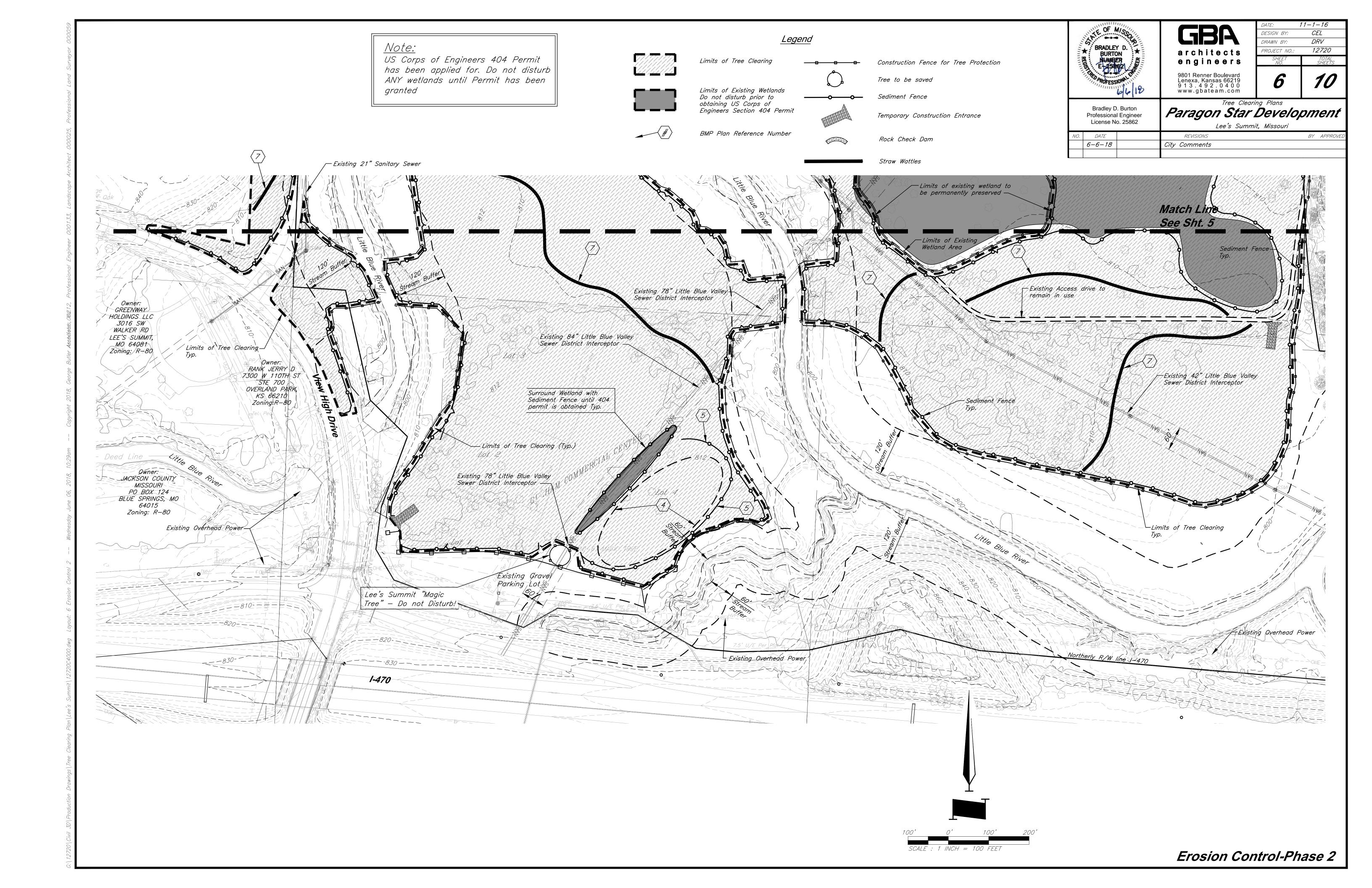
76.8 Acres

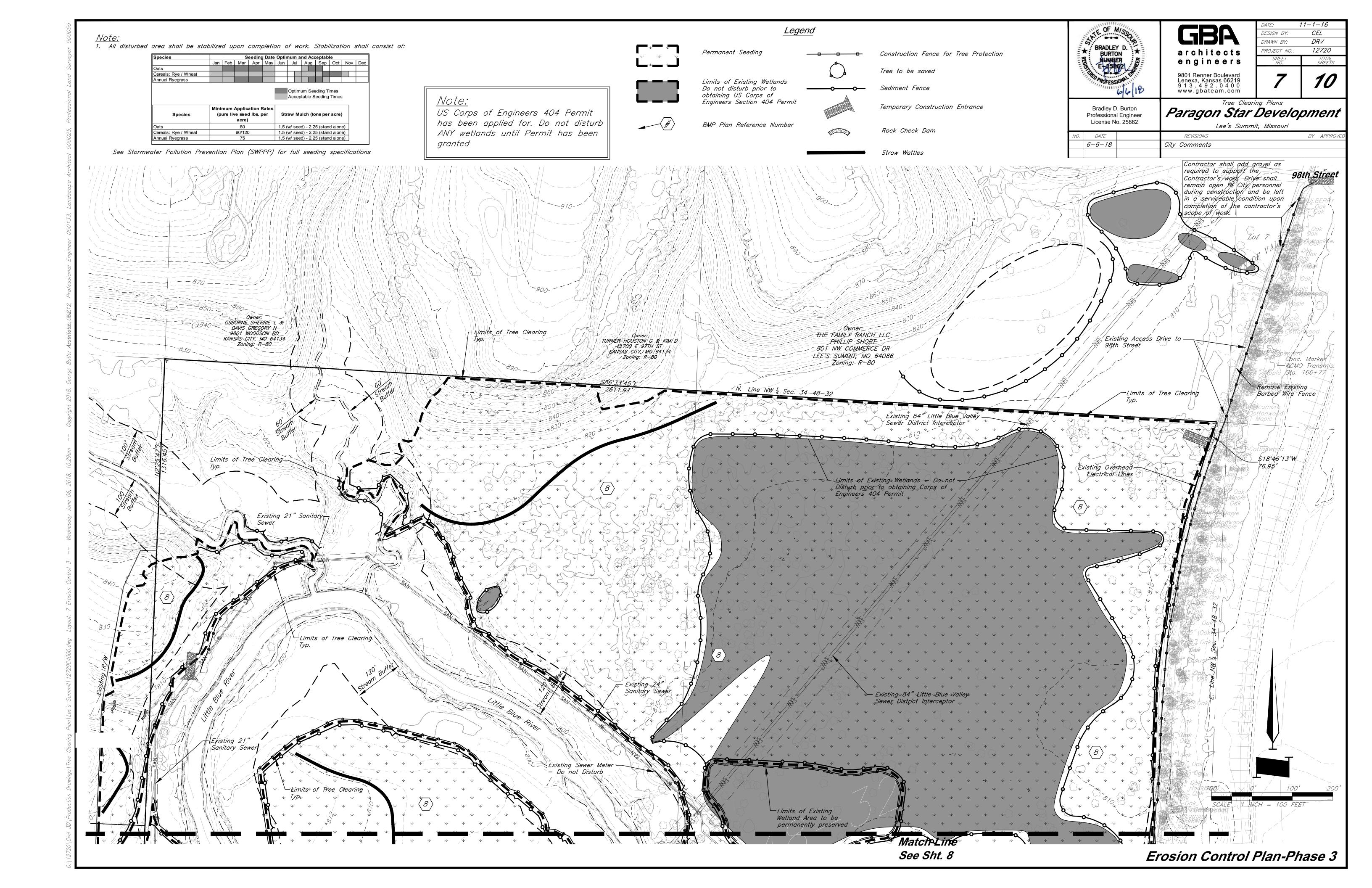


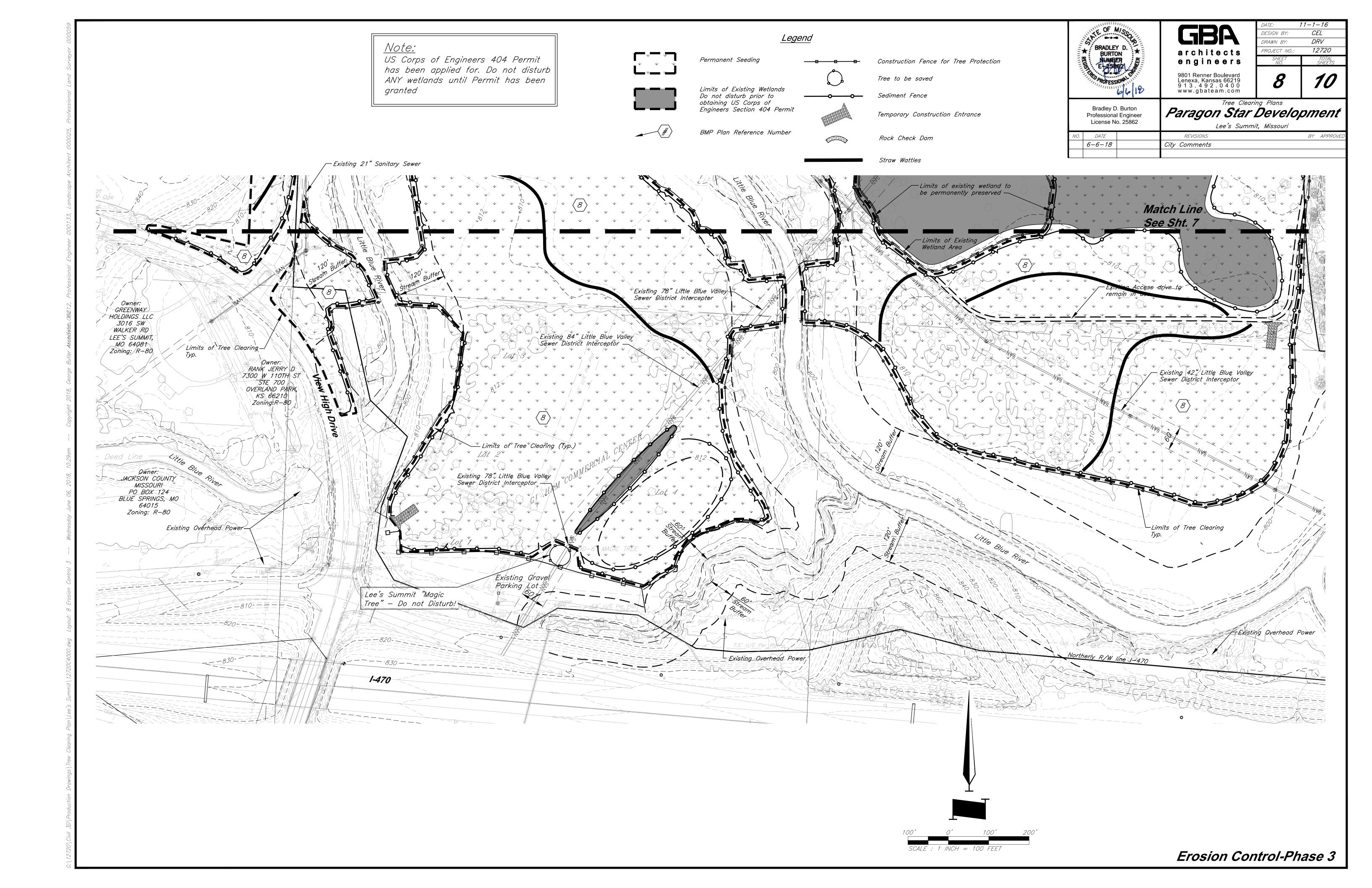


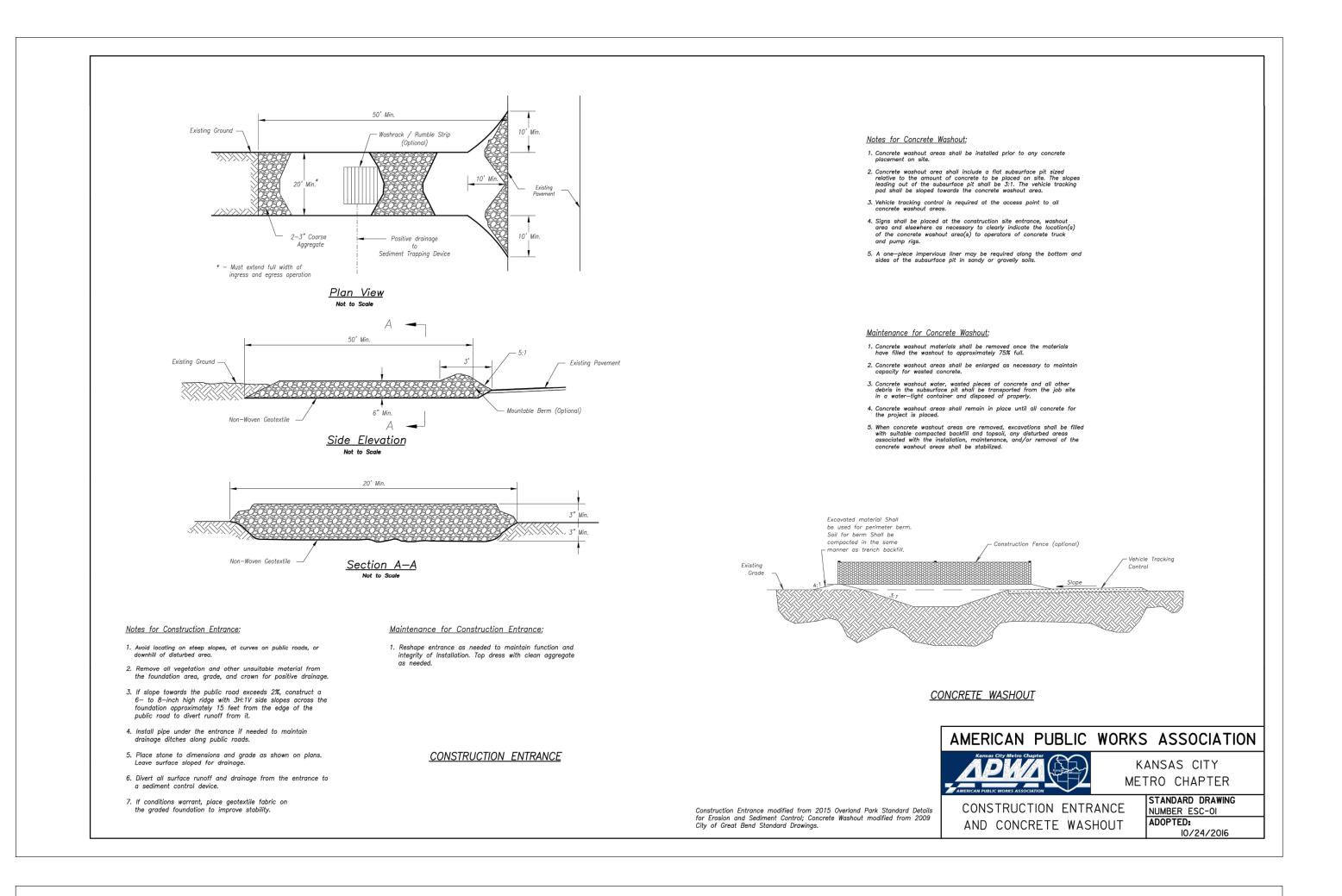


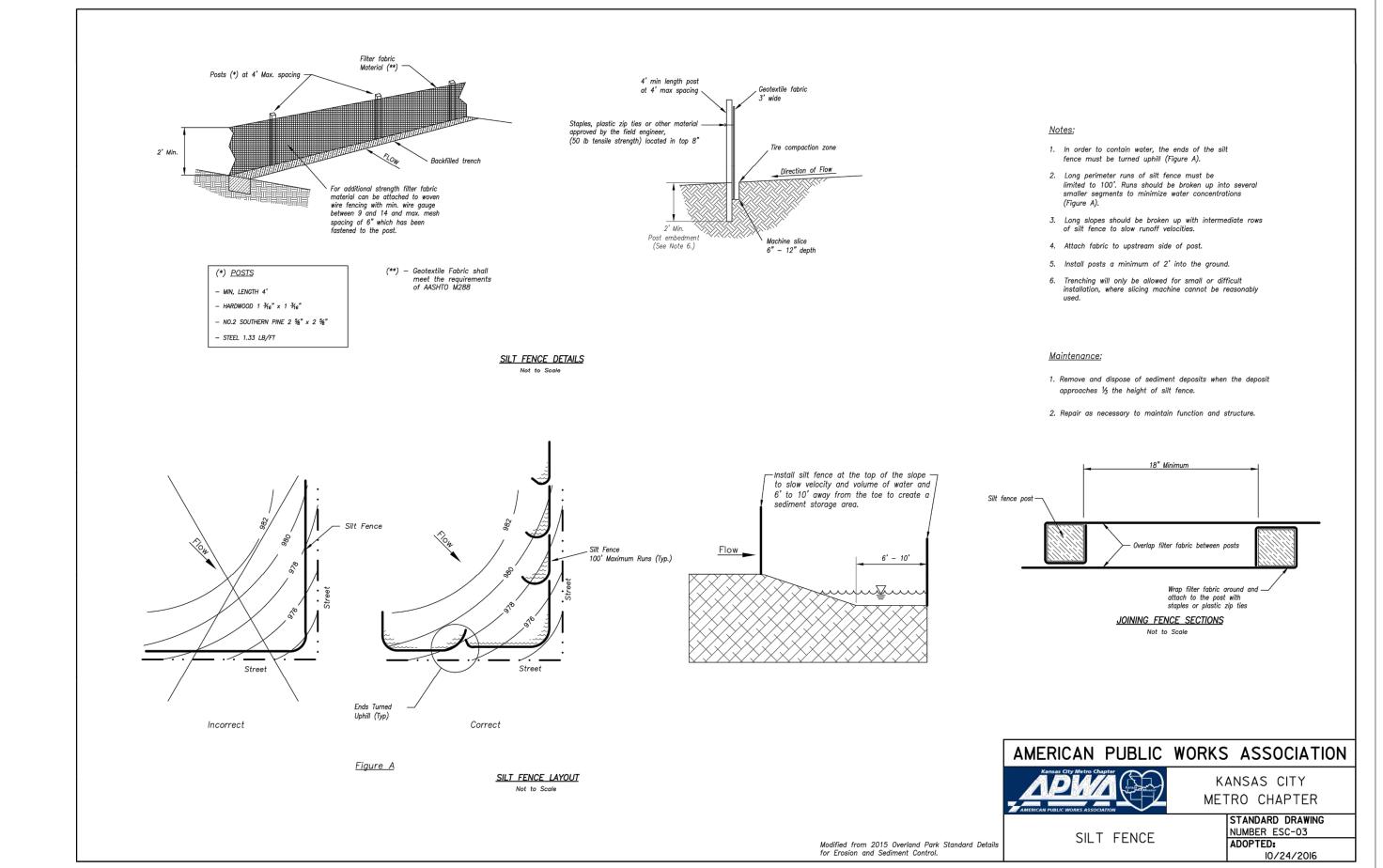


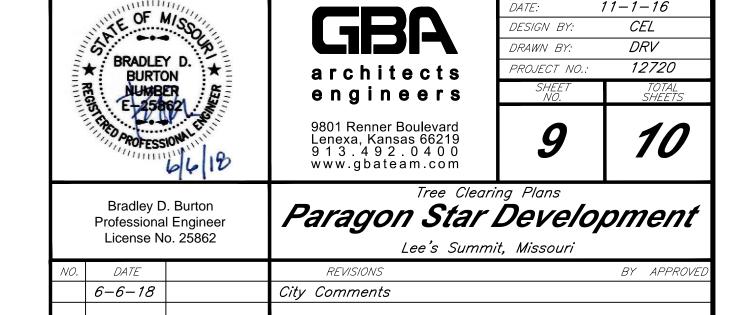


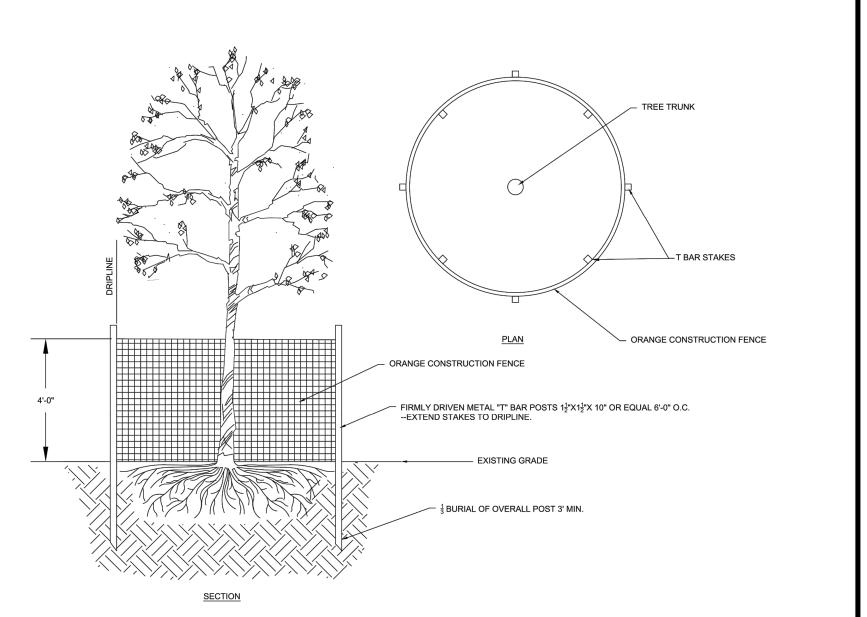












Tree Protection Fencing Detail

Not to Scale

