

**GRADING NOTES**

1. Contractor shall obtain a copy of the Geotechnical Services Report for the project and be familiar with the existing conditions and recommendations contained in the report if such a report has been prepared.
2. Contractor is responsible for any over excavation of existing unsuitable soils will be required under building and pavement areas. Contractor shall perform over excavation of unsuitable soils as a part of this work.
3. Contractor shall obtain soils suitable as structural fill from off-site sources. All borrow materials must be tested and approved by the Geotechnical Engineer prior to importing the soils to the project site.
4. Contractor shall operate under the terms and permits included in the Stormwater Pollution Prevention Plan (SWPPP) prepared for this project and permitted through the State of Missouri. Contractor shall employ a qualified person to conduct regular inspections of the site erosion control measures and document such inspections in the SWPPP document maintained by the Contractor.
5. All topsoil, vegetation, root structures, and deleterious materials shall be stripped from the ground surface prior to the placement of embankments. Contractor shall obtain the on-site geotechnical representative's acceptance of the existing ground surface materials and the proposed fill material prior to the placement of fill.
6. All proposed contour lines and spot elevations shown are finish ground elevations. Contractor shall account for pavement depths, building pads, topsoil, etc when grading the site.
7. All disturbed areas that are not to be paved (green spaces) shall be finish graded with a minimum of six inches of topsoil.
8. All excavation and embankments shall comply with the recommendations provided by the geotechnical engineer.
9. Prior to placing any concrete or asphalt pavement the contractor shall perform a proof roll of the pavement sub-grade with a fully loaded tandem axle dump truck. The proof roll shall be conducted in the presence of the on-site geotechnical representative. Areas that display rutting or pumping that are unsatisfactory to the geotechnical representative shall be re-worked and a follow-up proof roll shall be conducted prior to acceptance of the sub-grade for paving. The contractor may, at its own expense, stabilize the sub-grade using Class C fly ash or quicklime, as approved by the geotechnical engineer.
10. Finished grades shall not be steeper than 3:1.
11. All grading work shall be considered unclassified. No additional payments shall be made for rock excavation. Contractor shall satisfy himself as to any rock excavation required to accomplish the improvements shown hereon.
12. A 2.0% maximum cross slope shall be maintained on all pedestrian sidewalks and paths.

60' STREAM SETBACK

EXISTING STREAM

**STREAM BUFFER**  
No grading work or construction activity shall occur within the 60' stream buffer setback.

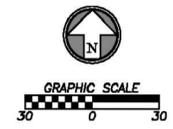
**FLOOD STATEMENT**

The subject property lies within Flood Zone "X" (unshaded) (Areas determined to be outside the 0.2% annual chance floodplain), as shown on the Jackson County, Missouri and Incorporated Areas Flood Insurance Rate Map (F.I.R.M.), Map Number: 29085C0439G, Panel No: 439 of 825, Map Revised Date: January 20, 2017  
**NOTE:** This statement is provided for informational purposes only and shall in no way constitute a basis for a flood certificate. No field work was performed to establish the boundaries of this zone. The information was derived by scaling the subject property on the above referenced map.

PROJECT CONTROL TABLE (NAD83 MISSOURI STATE PLANE, WEST ZONE, US SURVEY FOOT)				
POINT NO.	CONTROL POINT / BENCHMARK DESCRIPTION	GROUND VALUE NORTHING COORDINATE	GROUND VALUE EASTING COORDINATE	ELEV.
1	CP1 /IB4 W CAP BASE	996651.33	2835160.01	1005.91'
10	CP10 /IB4 W CAP	996709.77	2835166.68	1004.75'
11	CP11 /IB4 W CAP	996282.25	2835096.83	1009.27'
2502	BM1 / SQUARE ON INLET	996690.68	2835166.32	1005.01'

**GRADING LEGEND**

	STANDARD CURB & GUTTER		FINISH GRADE MAJOR CONTOURS
	DRY CURB & GUTTER		FINISH GRADE MINOR CONTOURS
	ZERO HEIGHT CURB		EXISTING GRADE MAJOR CONTOURS
	TRANSITION CURB		EXISTING GRADE MINOR CONTOURS
			PROPERTY LINE



Eric Byrd - Engineer  
Missouri: #PE-2018013633



1710 Wyandotte  
Kansas City, MO 64108  
T: 816.763.9600  
ACI/Boland, Inc.  
Kansas City | St. Louis  
Licensee's Certificate of Authority Number:  
Missouri: 8000558

**CIVIL CONSULTANT**  
BHC  
7101 College Blvd., Suite 400  
Overland Park, KS 66210  
(913) 663-1900

**STRUCTURAL CONSULTANT**  
Bob D. Campbell & Co.  
4338 Belview  
Kansas City, MO 64111  
(816) 531-4144

**MEP CONSULTANT**  
Branch Pattern  
1508 Grand Boulevard  
Kansas City, MO 64108  
(816) 531-2121

Surgery Center of Lee's Summit  
1950 SE Shenandoah Drive  
Lee's Summit, MO 64063

Date 01/13/23  
Job Number 3-22030  
Drawn By TS  
Checked By EB

Revision  
Number Date Description  
1 2/14/23 Addendum 1

Feb 14, 2023 8:40pm Plotter: E:\Projects\2023\1013633\1013633.dwg Layout: Grading Plan