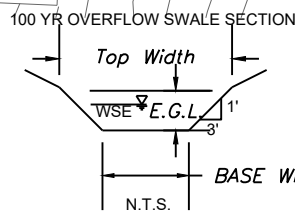


AS-GRADED PLOT PLAN IS  
 REQUIRED PRIOR TO SODDING.

**LEGEND**

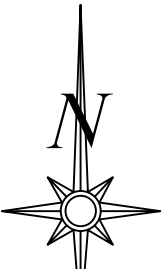
- Gas Meter
- Telephone or Fiber-Optic Pedestal
- Cable TV Pedestal
- Electric Pedestal
- Light Pole
- Mailbox
- Fire Hydrant
- Water Valve



**EMERGENCY OVERFLOW SWALE CALCULATIONS**  
 100 YEAR OVERFLOW SWALES

Section B-B

MANNING COEFF.	0.03
CHANNEL SLOPE (%)	2.23
MIN SWALE DEPTH(FT.)	1.39
SIDE SLOPE	3 : 1
BOTTOM WIDTH(FT.)	5.00
TOP WIDTH (FT.)	7.34
WATER DEPTH	0.39



Scale 1"=30'

**LOT INFORMATION**

11,253 SQ. FT.  
 MBOE (REAR LEFT) = 1036.31  
 MBOE (REAR RIGHT) = 1037.69  
 MSFE = 1035.49  
 ADDRESS  
 3211 SW ARBOR SOUND DR  
**LEGAL DESCRIPTION**  
 LOT 198, HAWTHORN RIDGE 3RD  
 PLAT, A SUBDIVISION AS  
 RECORDED IN LEE'S SUMMIT,  
 JACKSON COUNTY, MISSOURI.

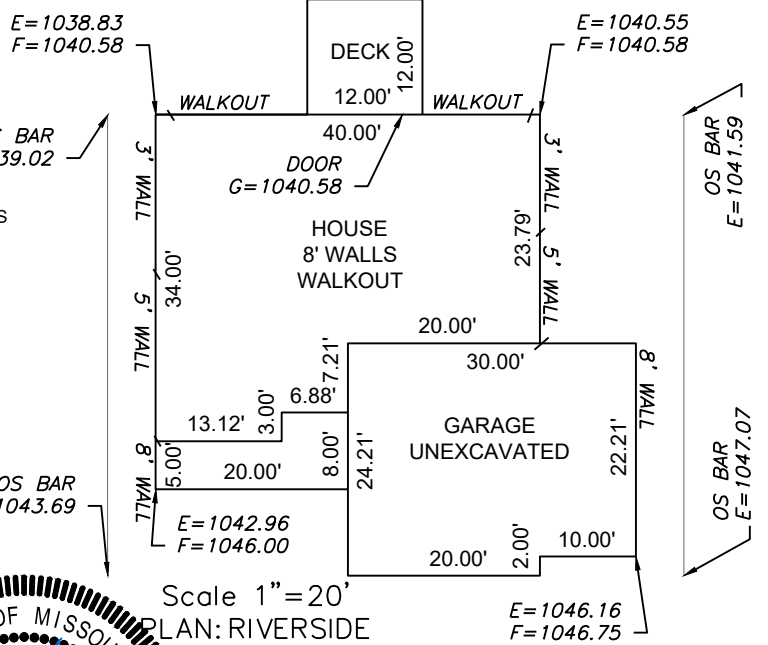
**PROPOSED HOUSE**

TOP FOUNDATION = 1048.75  
 GARAGE FLOOR = 1046.75  
 TOP FOOTING = 1040.75  
 BASEMENT FLOOR = 1041.08  
 DRIVE SLOPE = 8.0%

E = EXISTING ELEVATION  
 F = PROPOSED FINAL ELEVATION  
 G = ADJACENT GRADE AT EGRESS  
 U/E = UTILITY EASEMENT  
 B/L = BUILDING LINE  
 S/Y/S = SIDE YARD SETBACK  
 R/Y/S = REAR YARD SETBACK

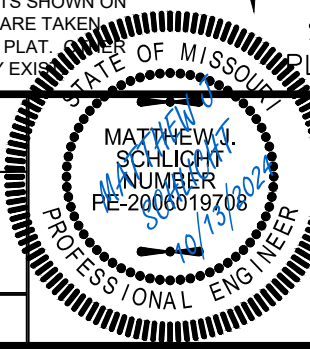
**NOTES**

1. BUILDER TO VERIFY ALL BUILDING ELEVATIONS AND DIMENSIONS.
2. THIS PLOT PLAN DOES NOT CONSTITUTE A BOUNDARY SURVEY.
3. THE EASEMENTS SHOWN ON THIS PLOT PLAN ARE TAKEN FROM THE FINAL PLAT. EASEMENTS MAY EXIST.



Scale 1"=20'  
 PLAN: RIVERSIDE

**E** ENGINEERING & SURVEYING  
**SOLUTIONS**  
 50 SE 30TH STREET  
 LEE'S SUMMIT, MO 64082  
 P:(816) 623-9888 F:(816) 623-9849  
 WWW.ENGINEERINGSSOLUTIONKCC.COM



**PLOT PLAN - LOT 198**

HAWTHORN RIDGE 3RD PLAT  
 LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

SUMMIT HOMES  
 120 SE 30TH STREET  
 LEE'S SUMMIT, MO 64082

PROJECT NO.	FILE NAME	DATE	SHEET	OF
1	LOT 198, HAWTHORN RIDGE	9/24/24	1	1