

MH 2-1
STA 11+34.34
TOP 1036.75
FL 1024.20
FL 1024.75

E=1047.17
F=1046.66
TOP CURB
E=1046.44

TOP CURB
E=1049.17

TOP CURB
E=1051.49

MH 2-2
STA 14+43.38
TOP 1054.04
FL 1039.84

VAULT
TRANSFORMER PAD
HP=1047.25
SAN STUB
STA 13+22.01
LENGTH 39.55
RISER 2.0
FL@MAIN 1034.2
FL@END 1037.9
MSFE 1040.72

LOT 198

E=1043.46
F=1042.25

PROP CNR
E-F=1037.11

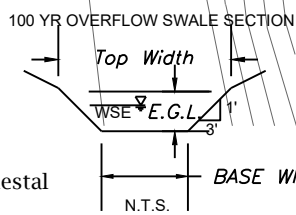
10/08/2024

LOT 192

LOT 197

LOT 196

AS-GRADED PLOT PLAN IS
REQUIRED PRIOR TO SODDING.



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

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

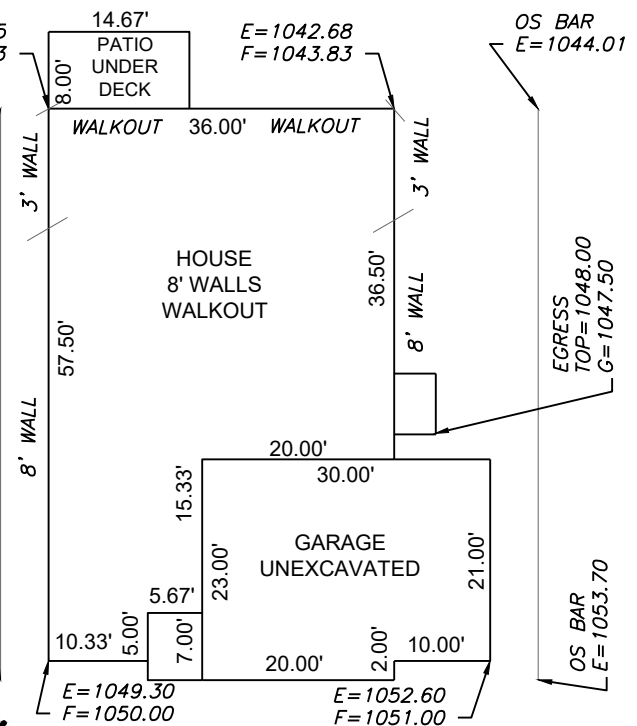
PROPOSED HOUSE

TOP FOUNDATION = 1052.00
GARAGE FLOOR = 1051.00
TOP FOOTING = 1044.00
BASEMENT FLOOR = 1044.33
DRIVE SLOPE = 5.2%

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

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



Scale 1"=30'

LOT INFORMATION

11,253.0 SQ. FT.
MSFE = 1040.72
MBOE (REAR LEFT) = 1037.69
MBOE (REAR RIGHT) = 1040.01
ADDRESS
3215 SW ARBOR SOUND DR

LEGAL DESCRIPTION

LOT 197, HAWTHORN RIDGE 3RD PLAT, A SUBDIVISION AS RECORDED IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI.

Scale 1"=20'

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

STATE OF MISSOURI
MATTHEW J. SCHLICHT
PROFESSIONAL ENGINEER
NUMBER
PE-2006019708
10/8/2024

PLOT PLAN - LOT 197

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 197, HAWTHORN RIDGE	8/6/24	1	1

THIS DRAWING IS NOT VALID UNLESS THE SIGNATURE, DATE AND SEAL OF THE ENGINEER WHO SUPERVISED THE PREPARATION OF THIS DRAWING HAS BEEN AFFIXED HERETO.