

MH 2-1(2ND PLAT)
STA 11+67.55
TOP 1024.13
FL 1012.03

SW. BUCKTHORN ST
60' R/W

MH 1-3(2ND PLAT)
STA 10+00.00
TOP 1024.14
FL 1009.14
FL 1009.69
FL 1009.34

TOP CURB
E=1024.59

TOP CURB
E=1023.80

TOP CURB
E=1023.10

E=1025.07
F=1024.81
1024.99

VAULT

S87° 41' 24"E 82.50'

5' SIDEWALK

E=1023.44
F=1023.32
1023.26

FENCE

X=1024.34

SAN STUB(2ND PLAT)
STA 11+39.50
LENGTH 77.50
MSFE 1017.54

RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
10/21/2024

E-F=1027.87
1027.89

LOT 203

AS-GRADED PLOT PLAN IS
REQUIRED PRIOR TO SODDING.

LOT 204

E-F=1025.53
1025.75

PROPOSED
CONTOURS
(SOD)
AS-GRADED
CONTOURS

X=#### = Actual asbuilt ground shots
taken on October 2, 2024.

Contours shown are asbuilt.

FIELD INLET
TOP=1027.08
THROAT=1026.08

PROP CNR

EXTENDED LOT AREA = 11,880.0 SF
DRIVE AREA = 910.0 SF
APPROACH AREA = 250.0 SF
SIDEWALK AREA = 312.5 SF

LEGEND

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

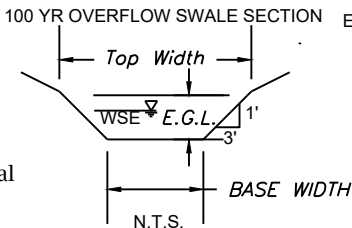
PROPOSED HOUSE

TOP FOUNDATION = 1028.50
GARAGE FLOOR = 1026.50
TOP FOOTING = 1020.50
BASEMENT FLOOR = 1020.83
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

- 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. EASEMENTS MAY EXIST.

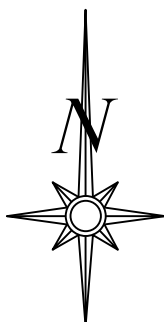


EMERGENCY OVERFLOW SWALE CALCULATIONS

100 YEAR OVERFLOW SWALES

Section A-A

MANNING COEFF.	0.03
CHANNEL SLOPE (%)	1.82
MIN SWALE DEPTH(FT.)	1.32
SIDE SLOPE	3 : 1
BOTTOM WIDTH(FT.)	5.00
TOP WIDTH (FT.)	6.92
WATER DEPTH	0.32



Scale 1"=30'

LOT INFORMATION

10,890 SQ. FT.
MSFE = 1017.54
ADDRESS

1605 SW BUCKTHORN ST
LEGAL DESCRIPTION
LOT 204, HAWTHORN RIDGE 3RD
PLAT, A SUBDIVISION AS
RECORDED IN LEE'S SUMMIT,
JACKSON COUNTY, MISSOURI.

E=1025.15
F=1027.75
OS BAR
E=1026.98

E=1028.01
F=1027.75

OS BAR
E=1028.82

HOUSE
8' WALLS
STANDARD

EGRESS
TOP=1028.25
G=1027.75

36.00'

37.17'

8.00'

14.67'

57.50'

20.00'

30.00'

21.00'

2.00'

10.00'

20.00'

5.67'

7.00'

10.33'

15.33'

23.00'

E=1025.15
F=1026.00

OS BAR
E=1025.44

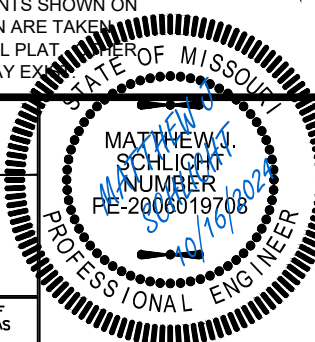
OS BAR
E=1026.02
F=1026.50

OS BAR
E=1026.38

Scale 1"=20'

PLAN: WILDFLOWER

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



AS-GRADED PLOT PLAN - LOT 204

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 204, HAWTHORN RIDGE	3/1/24	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.