

SWALE SECTION F-F

Mannings Coefficient	0.03
Channel Slope	2.00%
Depth	1.4 ft
Left Side Slope(H:V)	3:1
Right Side Slope(H:V)	3:1
Bottom Width	5.00 ft
Discharge	8.28 cfs
Water depth (ft)	0.40
Flow Area (ft^2)	2.48
Velocity (ft/sec)	3.34
Wetted Perimeter(ft)	7.56
Top Width (ft)	7.40
Specific Energy (ft)	0.57
Shear Stress(lbs/ft^3)	0.41

FIELD INLET
TOP=971.48
THROAT=970.50
E-F=971.48

LOT 737
EMPTY

E=969.48
F=969.70

SWALE SECTION B-B

Mannings Coefficient	0.03
Channel Slope	2.70%
Depth	1.31 ft
Left Side Slope(H:V)	3:1
Right Side Slope(H:V)	3:1
Bottom Width	5.00 ft
Discharge	5.86 cfs
Water depth (ft)	0.31
Flow Area (ft^2)	1.84
Velocity (ft/sec)	3.19
Wetted Perimeter(ft)	6.96
Top Width (ft)	6.86
Specific Energy (ft)	0.47
Shear Stress(lbs/ft^3)	0.44

SAN STUB
STA 10+76.56
LENGTH 14.02
MSFE 961.54
E=968.06
F=967.98

EX MH 30-294
10+00.00
TOP 968.16
FL OUT 956.49
FL IN 956.94

TO CURB
E=967.76

SW HICKORY LANE
50' RW

As-Graded Plot Plan Required
Prior to Occupancy

LEGEND

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

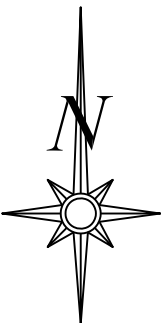
PROPOSED HOUSE

TOP FOUNDATION = 973.00
GARAGE FLOOR = 971.00
TOP FOOTING = 964.00
BASEMENT FLOOR = 964.33

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. OTHER EASEMENTS MAY EXIST.



Scale 1"=30'

LOT INFORMATION

11,102 SQ. FT.
MBOE (REAR LEFT)=973.01
MBOE (REAR RT)=975.77
MBOE (FRONT LEFT)=970.22
MBOE (FRONT RT)=970.86
MSFE=961.54
ADDRESS
2362 SW HICKORY
LEGAL DESCRIPTION
LOT 738, EAGLE CREEK 16TH PLAT, A SUBDIVISION AS RECORDED IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI.

LOT 730
MLO=974.88
LOT 731

FIELD INLET
TOP=974.47
THROAT=973.68
E-F=974.47

BERM TOP=975.40

PATIO

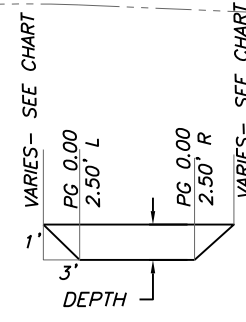
LOT 738

GARAGE

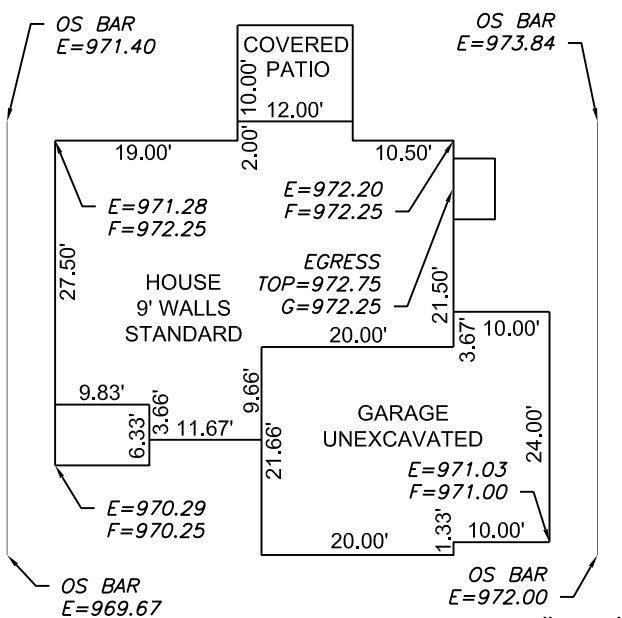
GARAGE

E=974.01
F=974.00
STANDARD, DIRT
LOT 739

MH 3-1
STA 11+29.82
TOP 970.82
FL OUT 957.82
FL 958.12

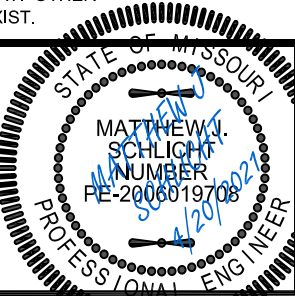


TYPICAL SWALE SECTION



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



PLOT PLAN - LOT 738

EAGLE CREEK 16TH PLAT
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

HOMEBUILDERS
BOX 6423
LEE'S SUMMIT, MO 64064

PROJECT NO.	FILE NAME	DATE	SHEET	OF
1	LOT 738, EAGLE CREEK	1/25/21	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.