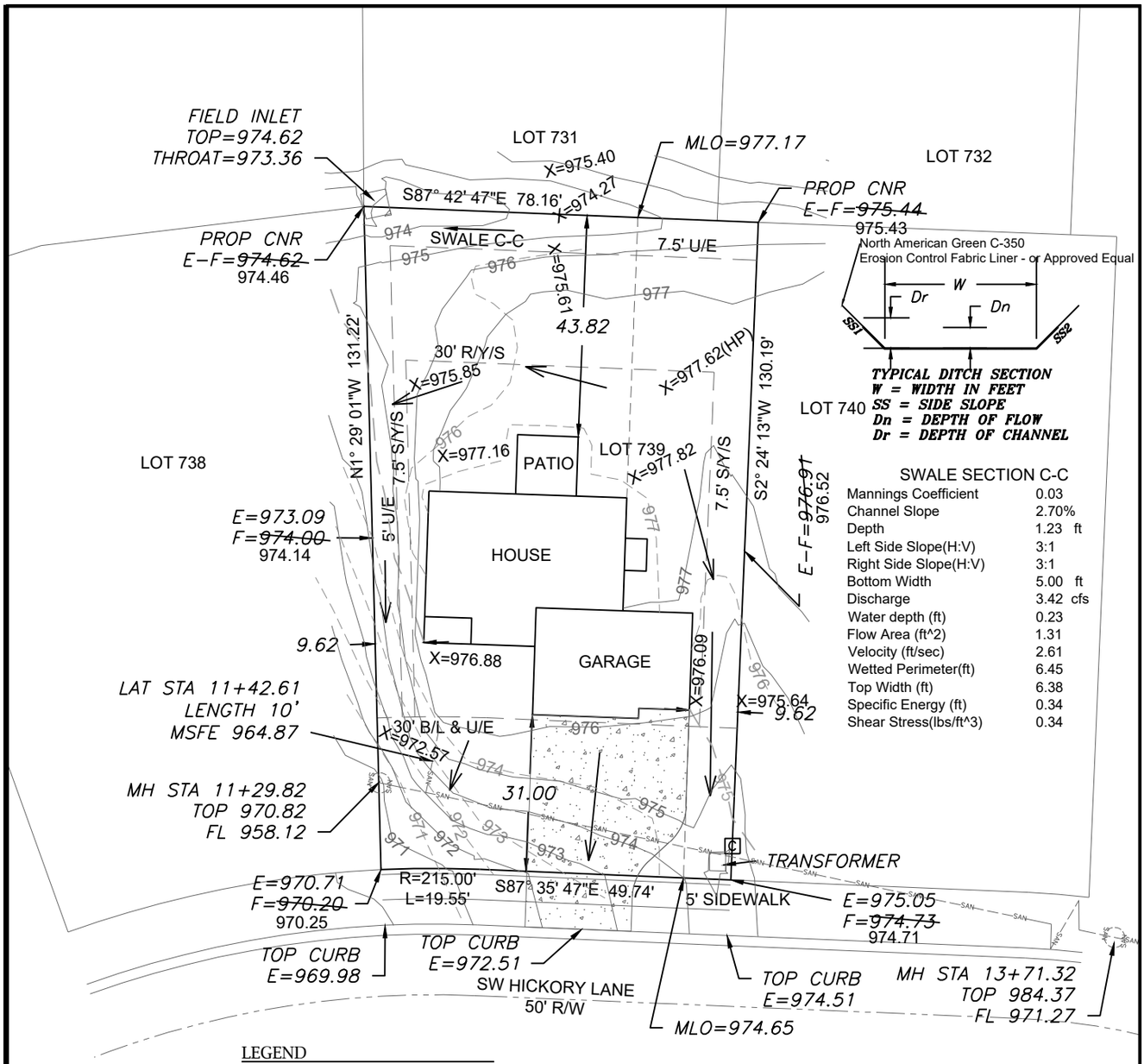


SWALE SECTION C-C

Mannings Coefficient	0.03
Channel Slope	2.70%
Depth	1.23 ft
Left Side Slope(H:V)	3:1
Right Side Slope(H:V)	3:1
Bottom Width	5.00 ft
Discharge	3.42 cfs
Water depth (ft)	0.23
Flow Area (ft^2)	1.31
Velocity (ft/sec)	2.61
Wetted Perimeter(ft)	6.45
Top Width (ft)	6.38
Specific Energy (ft)	0.34
Shear Stress(lbs/ft^3)	0.34

LEGEND

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

AS-GRADED PLOT PLAN IS REQUIRED PRIOR TO SODDING

DRIVEWAY SLOPE = 7.3%

PLOT PLAN CONTOURS

AS-GRADED CONTOURS

X=###.## = Actual asbuilt ground shots taken on May 5, 2021.

Contours shown are asbuilt.

N

Scale 1"=30'

PROPOSED HOUSE

TOP FOUNDATION = 978.00
GARAGE FLOOR = 975.00
TOP FOOTING = 969.00
BASEMENT FLOOR = 969.33

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.

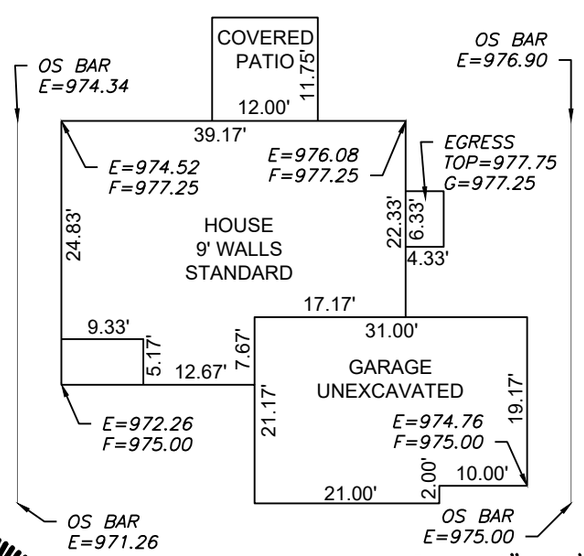
3. THE EASEMENTS SHOWN ON THIS PLOT PLAN ARE TAKEN FROM THE FINAL PLAT. OTHER EASEMENTS MAY EXIST.

LOT INFORMATION

9,530 SQ. FT.
MSFE = 964.87
MLO (REAR LEFT) = 975.77
MLO (REAR RIGHT) = 977.78
MLO (FRONT LEFT) = 970.86
MLO (FRONT RIGHT) = 975.26
ADDRESS
2358 SW HICKORY LANE

LEGAL DESCRIPTION

LOT 739, EAGLE CREEK-SIXTEENTH 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
NUMBER
PE-2006019708
PROFESSIONAL ENGINEER
MATTHEW J. SCHLICHT
5/6/2021

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.

AS-GRADED PLOT PLAN – LOT 739

EAGLE CREEK – SIXTEENTH PLAT
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

ASPEN HOMES
6618 ROYAL STREET
PLEASANT VALLEY, MO 64068

PROJECT NO.	FILE NAME	DATE	SHEET	OF
1	LOT 739, EAGLE CREEK	9/24/20	1	1

Rev: