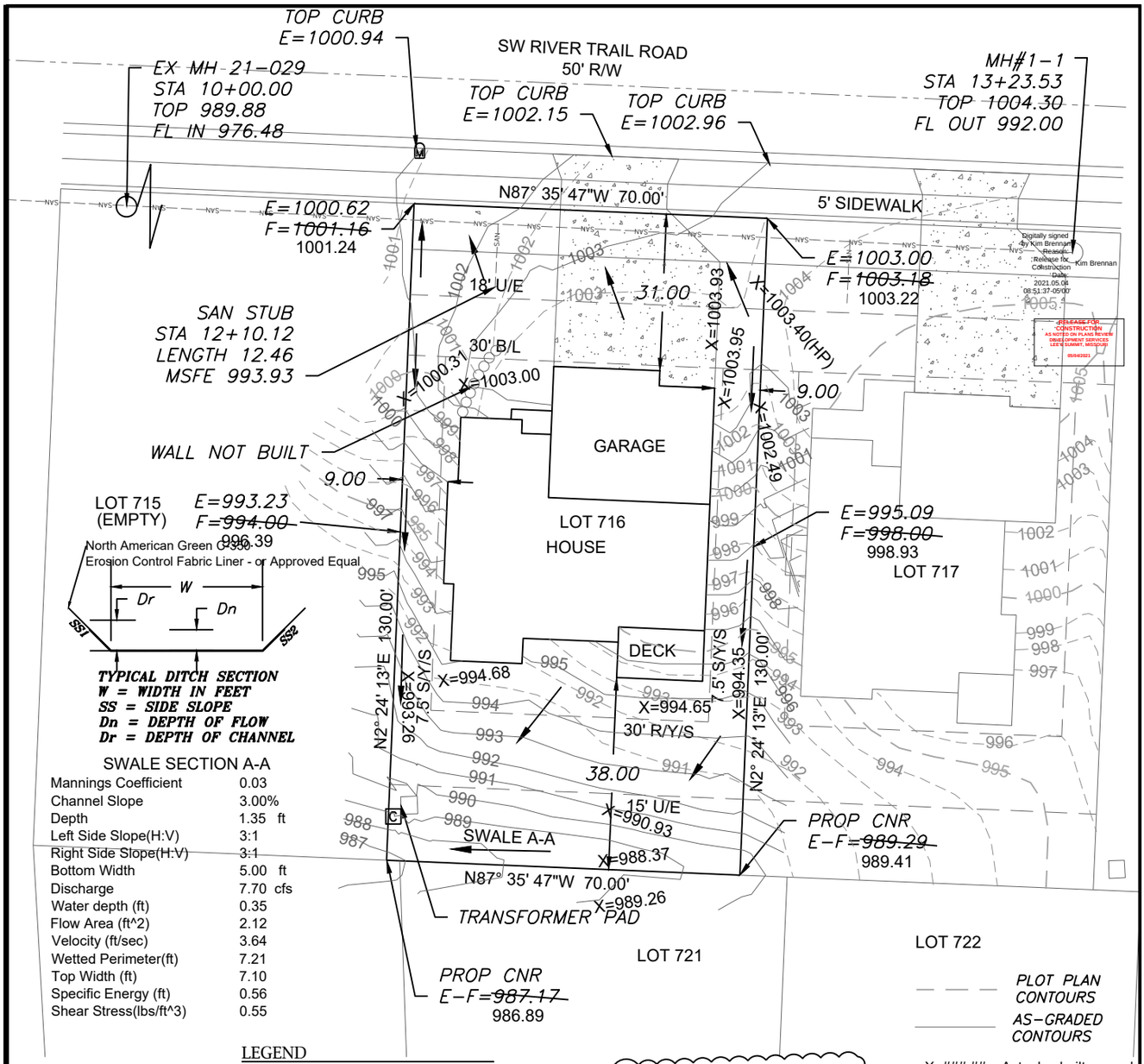


TYPICAL DITCH SECTION
W = WIDTH IN FEET
SS = SIDE SLOPE
Dn = DEPTH OF FLOW
Dr = DEPTH OF CHANNEL

SWALE SECTION A-A

Mannings Coefficient	0.03
Channel Slope	3.00%
Depth	1.35 ft
Left Side Slope(H:V)	3:1
Right Side Slope(H:V)	3:1
Bottom Width	5.00 ft
Discharge	7.70 cfs
Water depth (ft)	0.35
Flow Area (ft^2)	2.12
Velocity (ft/sec)	3.64
Wetted Perimeter(ft)	7.21
Top Width (ft)	7.10
Specific Energy (ft)	0.56
Shear Stress(lbs/ft^3)	0.55

LEGEND

- Gas Meter
- Water 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

X=###.## = Actual asbuilt ground shots taken on April 30, 2021.

Contours shown are asbuilt.

DRIVEWAY SLOPE =5.3%

N

Scale 1"=30'

PROPOSED HOUSE

TOP FOUNDATION = 1004.50
GARAGE FLOOR = 1004.00
TOP FOOTING = 995.50
BASEMENT FLOOR = 995.83

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.

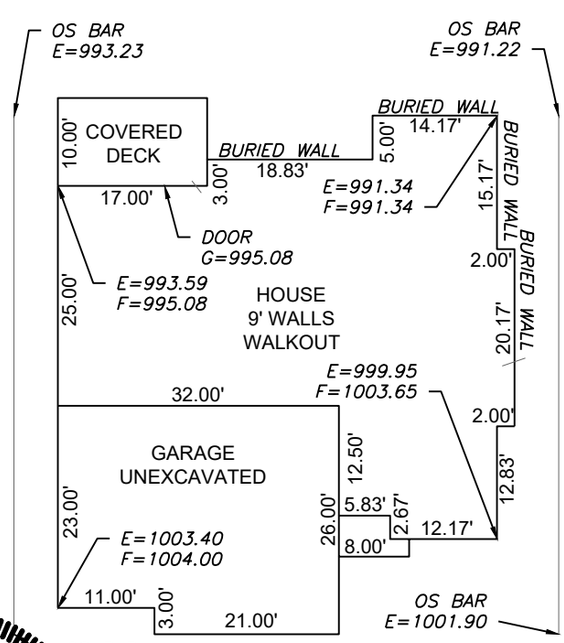
3. THE EASEMENTS SHOWN ON THIS PLOT PLAN ARE TAKEN FROM THE FINAL PLAT. OTHER EASEMENTS MAY EXIST.

LOT INFORMATION

9,100 SQ. FT.
MLO =(REAR LEFT) 991.00
MLO= (REAR RT) 988.90
MLO= (FRONT LEFT) 1003.62
MLO=(FRONT RT) 1001.60
MSFE=993.93
ADDRESS
2353 SW RIVER TRAIL RD

LEGAL DESCRIPTION

LOT 716, EAGLE CREEK 16TH 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

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.

STATE OF MISSOURI
MATTHEW J. SCHLICHT
NUMBER
PE-2006019708
PROFESSIONAL ENGINEER
MATTHEW J. SCHLICHT
5/4/2021

AS-GRADED PLOT PLAN – LOT 716

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

SAB HOMES
200 NW COMMERCE COURT
LEE'S SUMMIT, MO 64086

PROJECT NO.	FILE NAME	DATE	SHEET	OF
1	LOT 716 & 717, EAGLE CREEK	7/28/20	1	1

Rev: