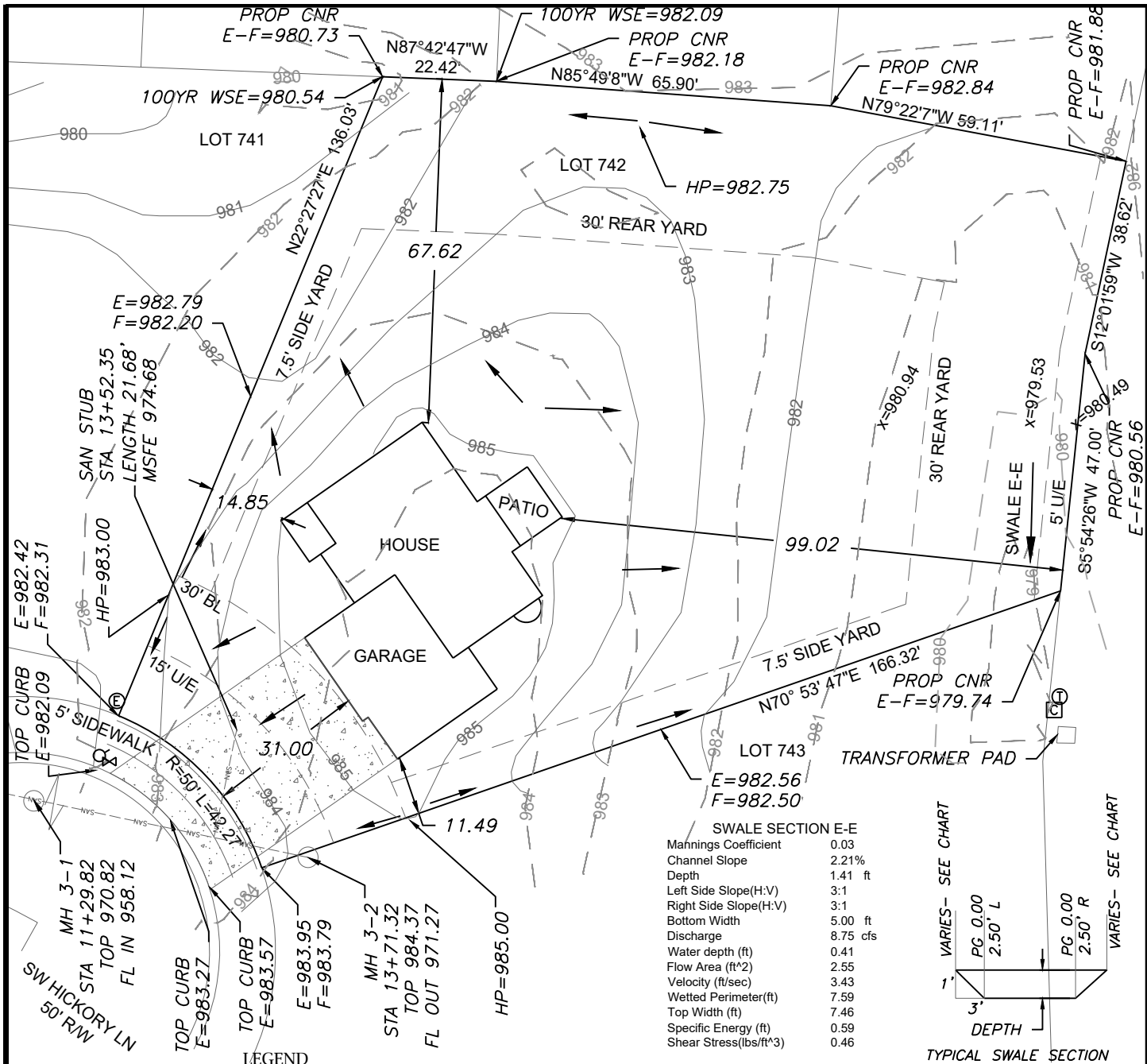


Scale 1"=30'

LOT INFORMATION

20,527.4 SQ. FT.
MLO =(REAR LEFT) 984.48
MLO =(REAR RT) 982.41
MLO =(FRONT LEFT) 980.82
MLO =(FRONT RT) 984.66
MSFE =974.88
ADDRESS
2346 SW HICKORY LANE
LEGAL DESCRIPTION
LOT 742, EAGLE CREEK 16TH
PLAT, A SUBDIVISION AS
RECORDED IN LEE'S SUMMIT,
JACKSON COUNTY, MISSOURI.

LEGEND

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

PROPOSED HOUSE

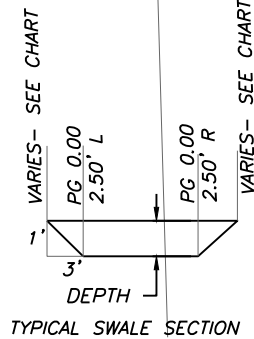
TOP FOUNDATION = 986.30
GARAGE FLOOR = 985.30
TOP FOOTING = 977.30
BASEMENT FLOOR = 977.63

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.

SWALE SECTION E-E	
Mannings Coefficient	0.03
Channel Slope	2.21%
Depth	1.41 ft
Left Side Slope(H:V)	3:1
Right Side Slope(H:V)	3:1
Bottom Width	5.00 ft
Discharge	8.75 cfs
Water depth (ft)	0.41
Flow Area (ft^2)	2.55
Velocity (ft/sec)	3.43
Wetted Perimeter(ft)	7.59
Top Width (ft)	7.46
Specific Energy (ft)	0.59
Shear Stress(lbs/ft^3)	0.46

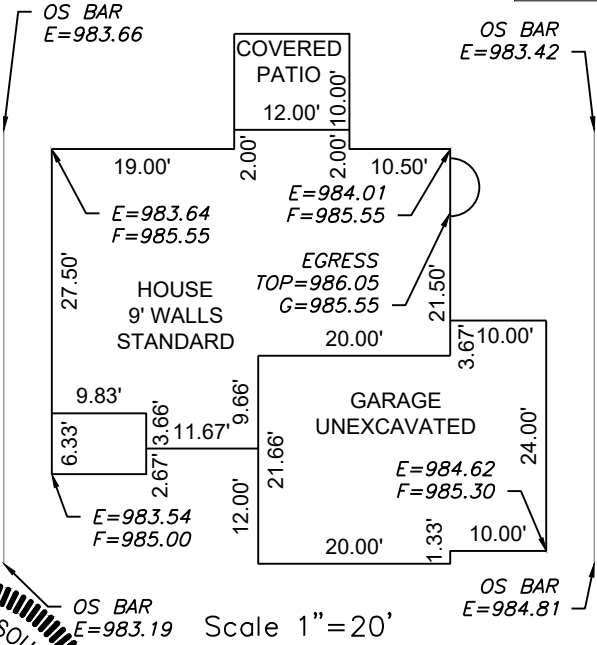


NOTE : DECK APPROVAL WILL BE REQUIRED PRIOR TO (FUTURE) DECK CONSTRUCTION

DRIVEWAY SLOPE =5.8%

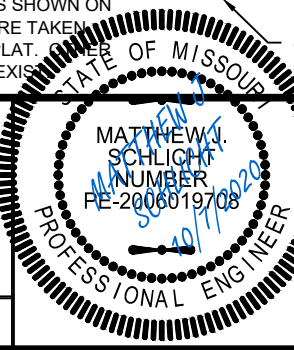
AS-GRADED PLOT PLAN IS REQUIRED PRIOR TO SODDING.

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
10/07/2020



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.ENGINEERINGSOLUTIONKCC.COM



PLOT PLAN - LOT 742
EAGLE CREEK - SIXTEENTH PLAT
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

IQ HOMEBUILDERS
PO BOX 6423
LEE'S SUMMIT, MO 64064

PROJECT NO.	FILE NAME	DATE	SHEET	OF
1	LOT 742, EAGLE CREEK	9/14/20	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.