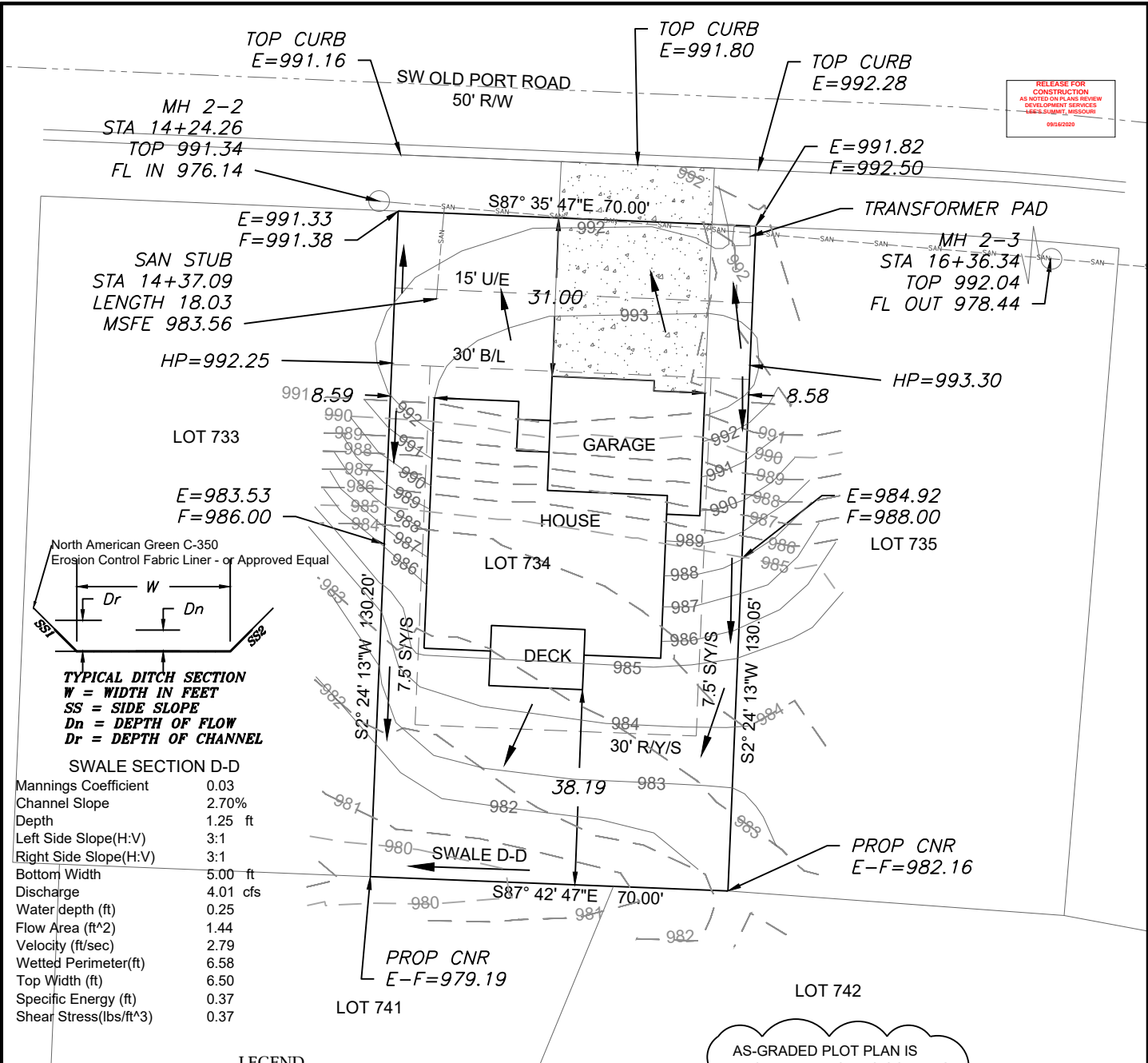


RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
09/16/2020



SWALE SECTION D-D

Mannings Coefficient	0.03
Channel Slope	2.70%
Depth	1.25 ft
Left Side Slope(H:V)	3:1
Right Side Slope(H:V)	3:1
Bottom Width	5.00 ft
Discharge	4.01 cfs
Water depth (ft)	0.25
Flow Area (ft^2)	1.44
Velocity (ft/sec)	2.79
Wetted Perimeter(ft)	6.58
Top Width (ft)	6.50
Specific Energy (ft)	0.37
Shear Stress(lbs/ft^3)	0.37

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

PROPOSED HOUSE

TOP FOUNDATION = 994.75
GARAGE FLOOR = 993.75
TOP FOOTING = 985.75
BASEMENT FLOOR = 986.08

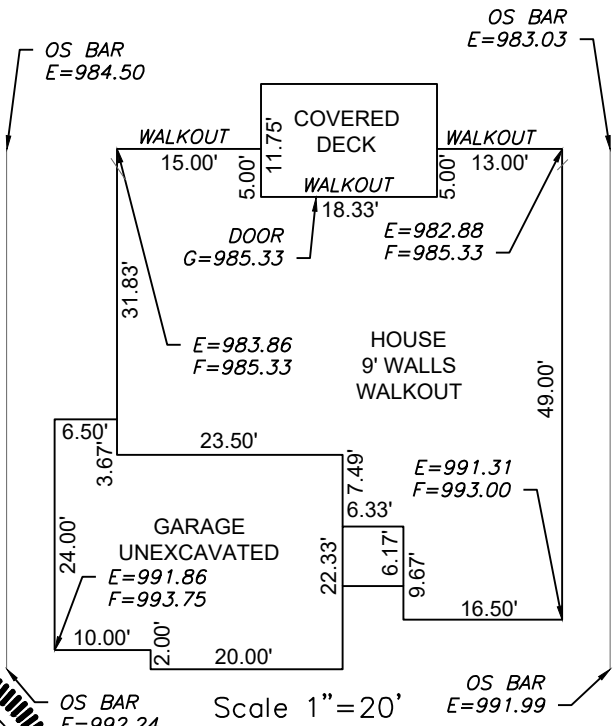
E = EXISTING ELEVATION
F = PROPOSED FINAL ELEVATION
G = ADJACENT GRADE AT EGRESS
U/E = UTILITY EASEMENT
B/L = BUILDING LINE
S/Y/S = SIDE YARD SETBACK
R/Y/S = REAR YARD SETBACK

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 TO BE MAINTAINED FROM THE FINAL EASEMENTS MAP.

AS-GRADED PLOT PLAN IS REQUIRED PRIOR TO SODDING

DRIVEWAY SLOPE = 5.6%



LOT INFORMATION

9,109 SQ. FT.
MBOE =(REAR LEFT)984.48
MBOE =(FRONT RT)981.25
MBOE =(FRONT LEFT)993.04
MBOE =(FRONT RT)991.93
MSFE =983.56
ADDRESS
2337 SW OLD PORT RD

LEGAL DESCRIPTION

LOT 734, EAGLE CREEK 16TH PLAT, A SUBDIVISION AS RECORDED IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI.

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

PROFESSIONAL ENGINEER
MATTHEW J. SCHLICHT
NUMBER
PE-2006019708
09/16/2020

PLOT PLAN - LOT 734

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

IQ HOME BUILDERS
P.O. BOX 6423
LEE'S SUMMIT, MO 64064

PROJECT NO.	FILE NAME	DATE	SHEET	OF
1	LOT 734, EAGLE CREEK	8/6/20	1	1

Rev:

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.