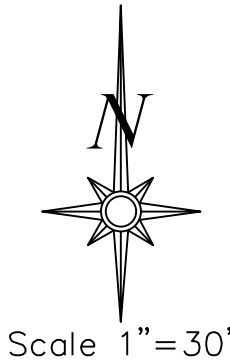


**TYPICAL DITCH SECTION**  
W = WIDTH IN FEET  
SS = SIDE SLOPE  
Dn = DEPTH OF FLOW  
Dr = DEPTH OF CHANNEL

**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 <sup>2</sup> )	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 <sup>3</sup> )	0.37

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



**LOT INFORMATION**

9,119 SQ. FT.  
MBOE =(REAR LEFT)981.25  
MBOE =(REAR RT)979.36  
MBOE =(FRONT LEFT)991.93  
MBOE =(FRONT RT)990.66  
MSFE=982.35  
ADDRESS  
2341 SW OLD PORT RD

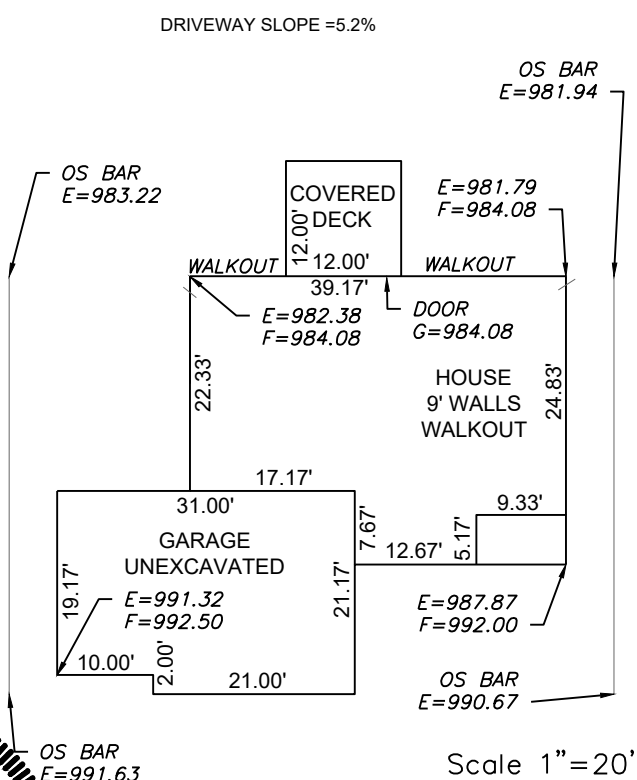
**LEGAL DESCRIPTION**  
LOT 733, EAGLE CREEK 16TH PLAT, A SUBDIVISION AS RECORDED IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI.

**PROPOSED HOUSE**

TOP FOUNDATION = 993.50  
GARAGE FLOOR = 992.50  
TOP FOOTING = 984.50  
BASEMENT FLOOR = 984.83

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 FROM THE FINAL EASEMENTS MAP.



**ENGINEERING SOLUTIONS**  
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**PROFESSIONAL ENGINEER**  
MATTHEW J. SCHLICHT  
NUMBER PE-2006019708  
9/4/2020

**PLOT PLAN - LOT 733**

**EAGLE CREEK 16TH 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 733, EAGLE CREEK	8/5/20	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.