

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 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

PROP CNR E-F=977.03

FIELD INLET
TOP=978.03
THROAT=977.03

SWALE D-D

PROP CNR E-F=979.13

LEGEND

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

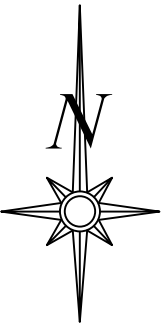
PROPOSED HOUSE

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.



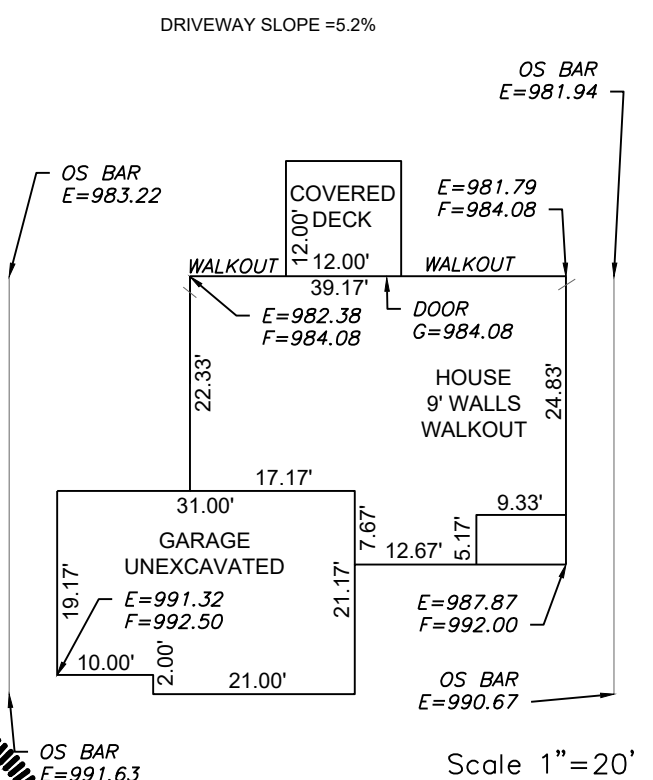
Scale 1"=30'

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.



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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.