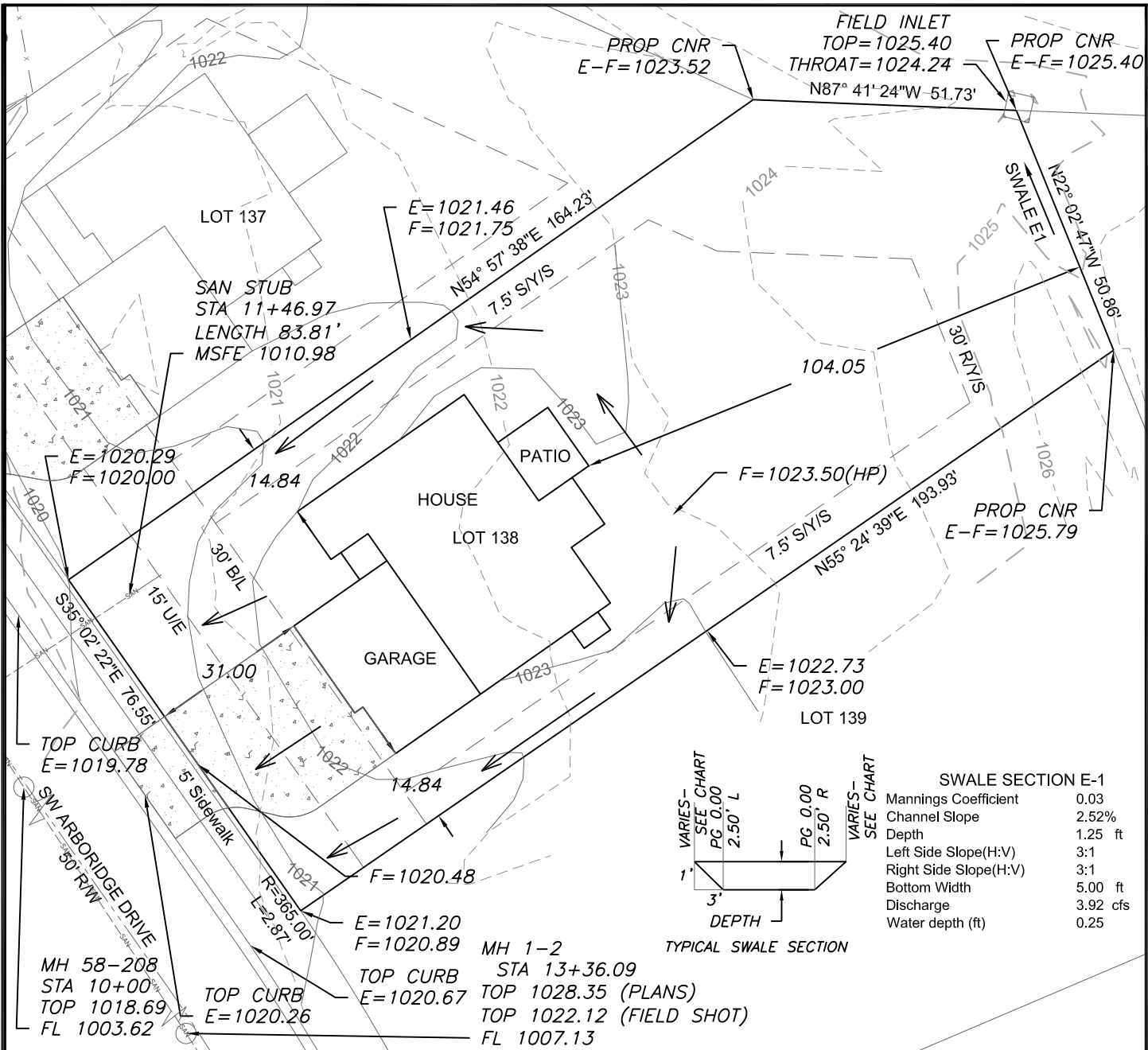


SWALE SECTION E-1	
Mannings Coefficient	0.03
Channel Slope	2.52%
Depth	1.25 ft
Left Side Slope(H:V)	3:1
Right Side Slope(H:V)	3:1
Bottom Width	5.00 ft
Discharge	3.92 cfs
Water depth (ft)	0.25

LEGEND

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

PROPOSED HOUSE

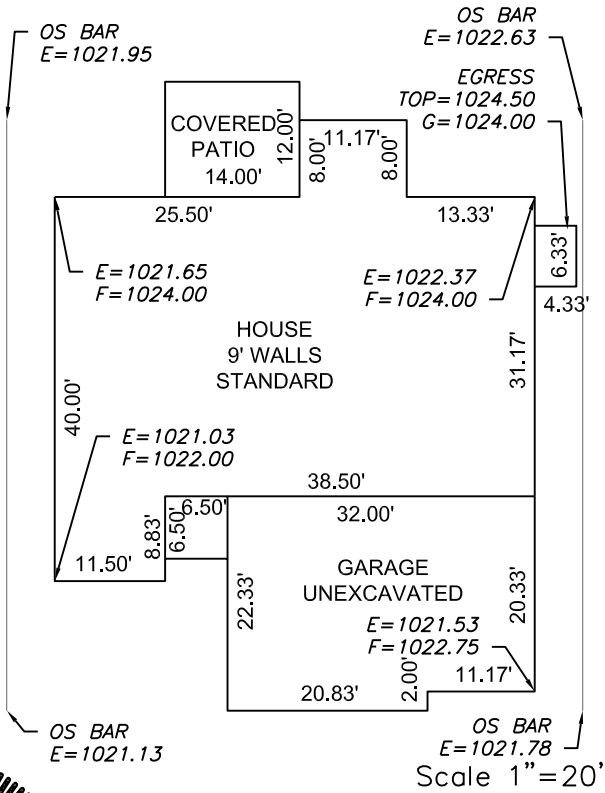
TOP FOUNDATION = 1024.75
GARAGE FLOOR = 1022.75
TOP FOOTING = 1015.75
BASEMENT FLOOR = 1016.08
DRIVEWAY SLOPE = 7.3%

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

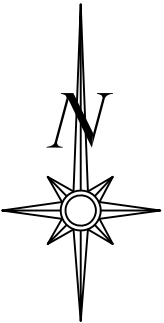
NOTES

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.

EXTENDED LOT AREA = 16,497.65 SF
DRIVE AREA = 956.95 SF
APPROACH AREA = 251.50 SF
SIDEWALK = 292.05 SF



As-Graded Plot Plan Required Prior to Occupancy



Scale 1"=30'

LOT INFORMATION

15,546 SQ. FT.
MSFE = 1010.98
ADDRESS
3109 SW ARBORIDGE DR

LEGAL DESCRIPTION

LOT 138, HAWTHORN RIDGE 2ND 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.ENGINEERINGSOLUTIONKCC.COM

STATE OF MISSOURI
MATTHEW J. SCHLICH
PROFESSIONAL ENGINEER
PE-2006019708
4/28/2022

PLOT PLAN - LOT 138
HAWTHORN RIDGE 2ND PLAT
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
SUMMIT HOMES
20 SE 30TH STREET
LEE'S SUMMIT, MO 64082

PROJECT NO.	FILE NAME	DATE	SHEET	OF
1	LOT 128, 129, HAWTHORN RIDGE	2/19/21	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.