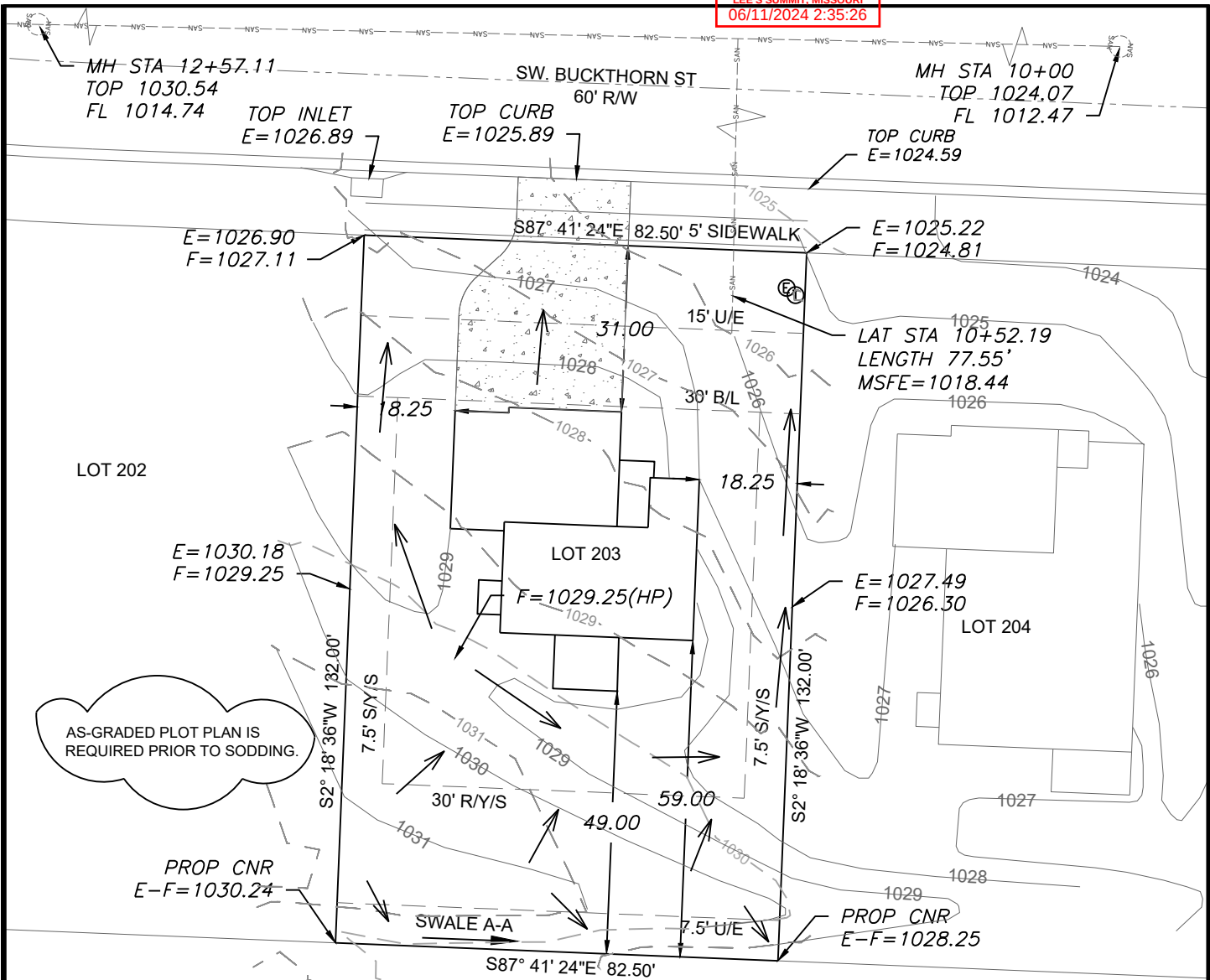
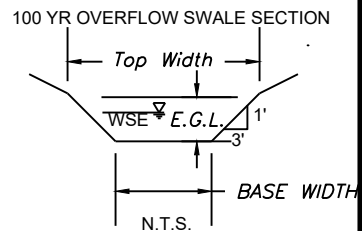




EXTENDED LOT AREA = 11,798 SF
DRIVE AREA = 920 SF
APPROACH AREA = 253 SF
SIDEWALK AREA = 308 SF

EMERGENCY OVERFLOW SWALE CALCULATIONS
100 YEAR OVERFLOW SWALES

Section A-A	
MANNING COEFF.	0.03
CHANNEL SLOPE (%)	1.82
MIN SWALE DEPTH(FT.)	1.32
SIDE SLOPE	3 : 1
BOTTOM WIDTH(FT.)	5.00
TOP WIDTH (FT.)	6.92
WATER DEPTH	0.32



LEGEND

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

PROPOSED HOUSE

TOP FOUNDATION = 1030.50
GARAGE FLOOR = 1028.50
TOP FOOTING = 1022.50
BASEMENT FLOOR = 1022.83
DRIVE SLOPE = 7.7%

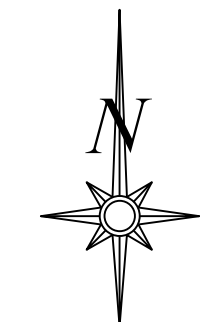
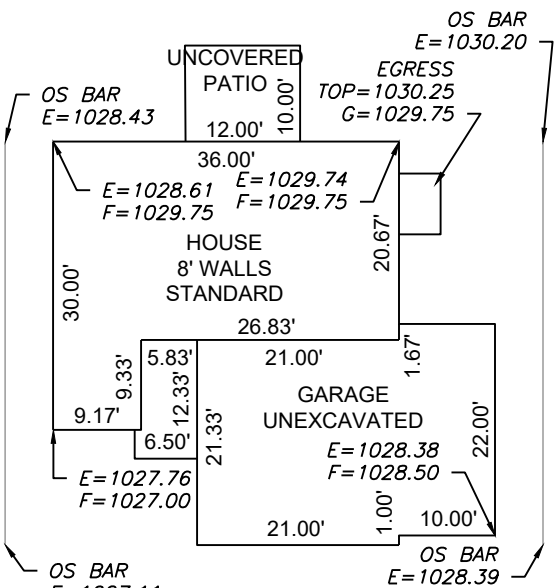
E = EXISTING ELEVATION
F = PROPOSED FINAL ELEVATION
G = ADJACENT GRADE AT EGRESS
U/E = UTILITY EASEMENT
B/L = BUILDING LINE
S/Y/S = SIDE YARD SETBACK
R/Y/S = REAR YARD SETBACK

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. EASEMENTS MAY EXIST.

PLAN: MARMALADE

Scale 1"=20'



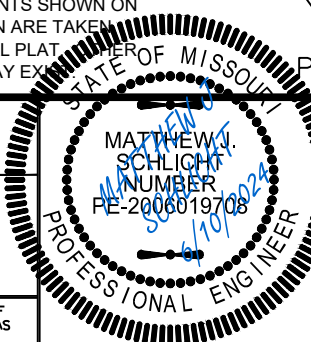
Scale 1"=30'

LOT INFORMATION

10,890 SQ. FT.
MSFE = 1018.44
ADDRESS

1609 SW BUCKTHORN ST
LEGAL DESCRIPTION
LOT 203, HAWTHORN RIDGE 3RD
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



PLOT PLAN - LOT 203

HAWTHORN RIDGE 3RD PLAT
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

SUMMIT HOMES
120 SE 30TH STREET
LEE'S SUMMIT, MO 64082

PROJECT NO.	FILE NAME	DATE	SHEET	OF
1	LOT 203, HAWTHORN RIDGE	4/5/24	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.