

I:\PROJECTS\2024\24-068\3.0 Design\24-068 to 24-073.dwg, 24-073_LOT 53, 6/21/2024 3:45:30 PM, 1:1

LEGEND:

- DAYLIGHT
- WALKOUT
- TF
- TOP OF FOUNDATION

BF

GF

EX

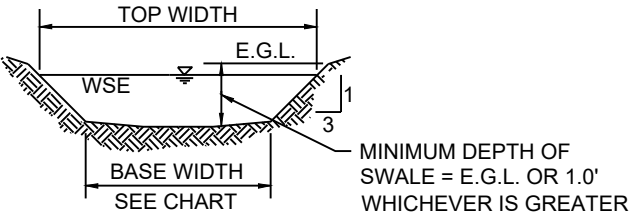
PR

HUB ELEVATIONS AS STAKED:

HUB (1)	991.47 EX	F-2.53 TF
HUB (2)	996.36 EX	F-0.64 TF
HUB (3)	996.42 EX	F-0.58 TF
HUB (4)	995.42 EX	F-1.58 TF

100 YEAR OVERFLOW SWALES												
SECTION	DRAINAGE AREA (AC.)	Q100 (CFS)	Q10 (CFS)	DESIGN OVERFLOW (CFS)	BED SLOPE (%)	BASE WIDTH (FT.)	SIDE SLOPE	TOP WIDTH (FT.)	NORMAL DEPTH (FT.)	VELOCITY (FPS)	VELOCITY HEAD (FT.)	EGL (FT.)
C-C	0.93	6.12	-	6.12	6.50	5	3:1	6.44	0.24	4.46	0.31	0.55

RUNOFF CALCULATIONS:
 $Q = K * C * I * A$
 $K_{10} = 1.0$ $K_{100} = 1.25$ $C = 0.51$ $I = \text{INTENSITY}$
DESIGN OVERFLOW = $Q_{\text{OVERFLOW}} = Q_{100} - Q_{10}$
MANNINGS "n" = .030 FOR SWALES



David Allen Rinne, P.L.S.
MO# PLS-2014000198

100 YR OVERFLOW SWALE SECTIONS
SECTION 1-2

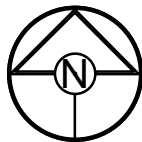
NOTE:

DUE TO MINIMAL DRAINAGE ON THE LOT, AS-GRADED PLOT PLAN PER SECTION 7-160, CODE OF ORDINANCES, IS REQUIRED PRIOR TO OCCUPANCY.

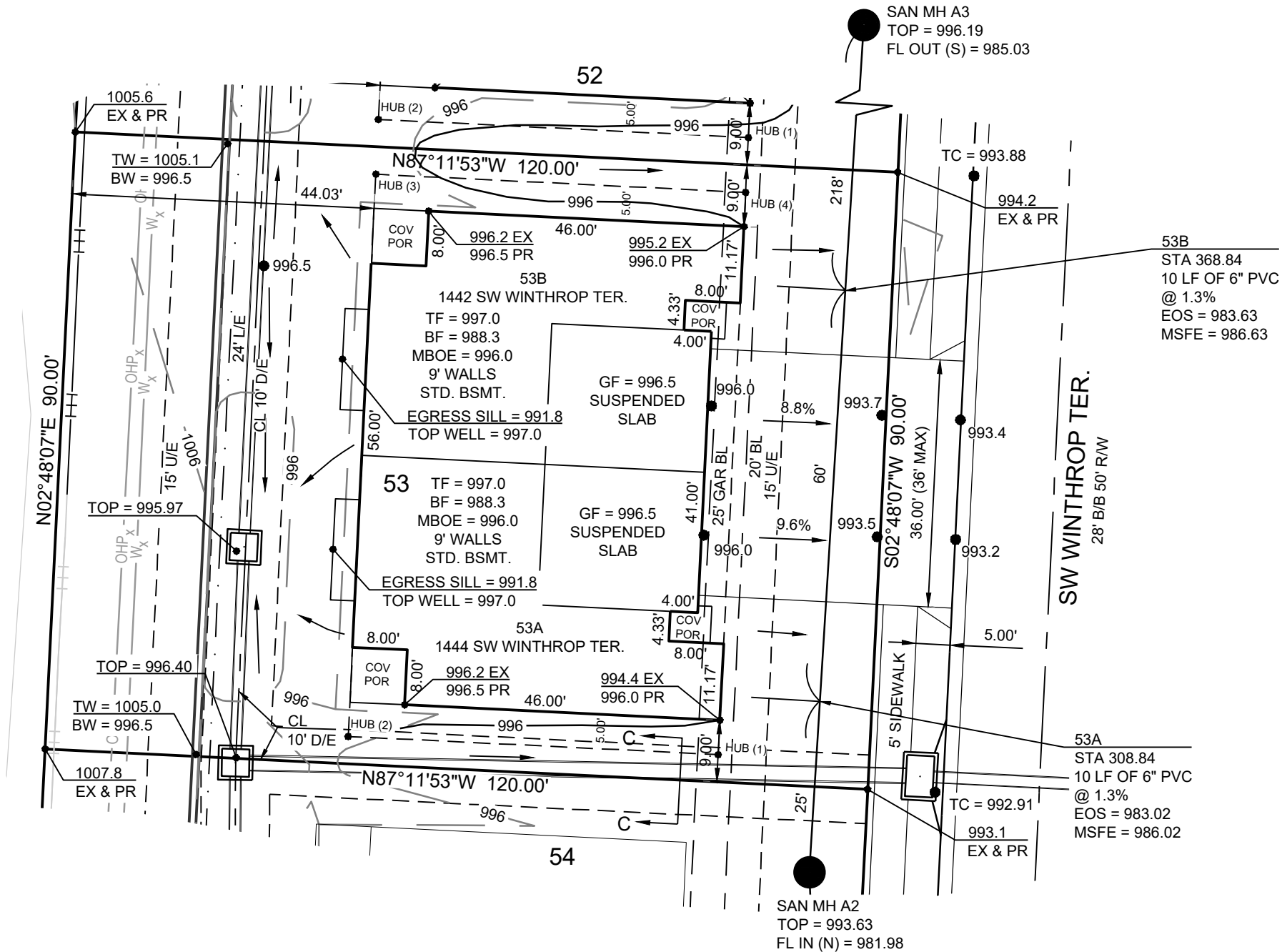
LOT AREA = 10,800.00 SQ. FT.

NOTES:

- THIS PLOT PLAN WAS PREPARED FOR FOUNDATION CONSTRUCTION ONLY.
- BUILDER IS REQUIRED TO VERIFY ALL DIMENSIONS, GRADES, EXISTING UTILITIES AND ADEQUATE FALL TO SEWER PRIOR TO CONSTRUCTION.
- WALL HEIGHTS AND LOCATIONS SHOWN ARE APPROXIMATE. BUILDER TO VERIFY WALL HEIGHTS AND LOCATIONS WITH EXCAVATOR AND FOUNDATION CONTRACTOR.
- ONLY PLATTED EASEMENTS HAVE BEEN SHOWN. NO TITLE INFORMATION WAS FURNISHED, THEREFORE, NOT RESPONSIBLE FOR UNPLATTED EASEMENTS.
- DRIVEWAY ALIGNMENT SHOWN IS CONCEPTUAL IN NATURE AND IS SUBJECT TO CHANGE DUE TO CITY REQUIREMENTS.



SCALE: 1" = 20'



LOT 53
WOODLAND GLEN
2ND PLAT
1442 / 1444 SW WINTHROP TER.
LEE'S SUMMIT, MO

DRAWN BY:	AJC
DATE PREPARED:	06.21.24
PROJ. NUMBER:	24-073

PLOT PLAN

SHEET

1

SCHLAGEL

ENGINEERS PLANNERS SURVEYORS LANDSCAPE ARCHITECTS

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