

I:\PROJECTS\2023\23-230\3.0 Design\23-230 & 23-231.dwg, 23-230 LOT 54 PLOT PLAN, 3/20/2024 10:47:21 AM, 1:1

LEGEND:

- DAYLIGHT
- WALKOUT
- TF

TOP OF FOUNDATION
- BF

BASEMENT FLOOR
- GF

GARAGE FLOOR
- EX

EXISTING
- PR

PROPOSED
- MBOE

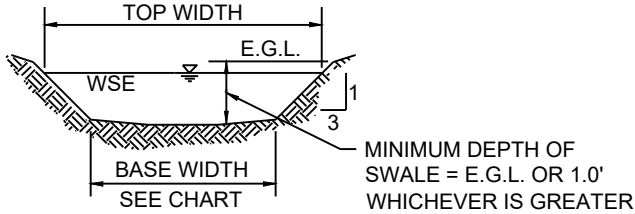
MINIMUM BUILDING OPENING ELEVATION

HUB ELEVATIONS AS STAKED:

HUB (1)	994.58 EX	F-2.92 TF
HUB (2)	996.31 EX	F-1.19 TF
HUB (3)	995.72 EX	F-1.78 TF
HUB (4)	995.13 EX	F-2.37 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:
 $Q = K * C * I * A$
 $K_{10} = 1.0$ $K_{100} = 1.25$ $C = 0.51$ $I =$ INTENSITY
DESIGN OVERFLOW = $Q_{OVERFLOW} = Q_{100} - Q_{10}$
MANNINGS "n" = .030 FOR SWALES



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

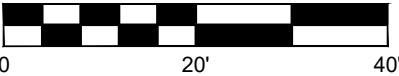
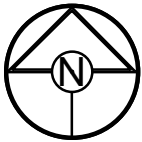
100 YR OVERFLOW SWALE SECTIONS

SECTION 1-2

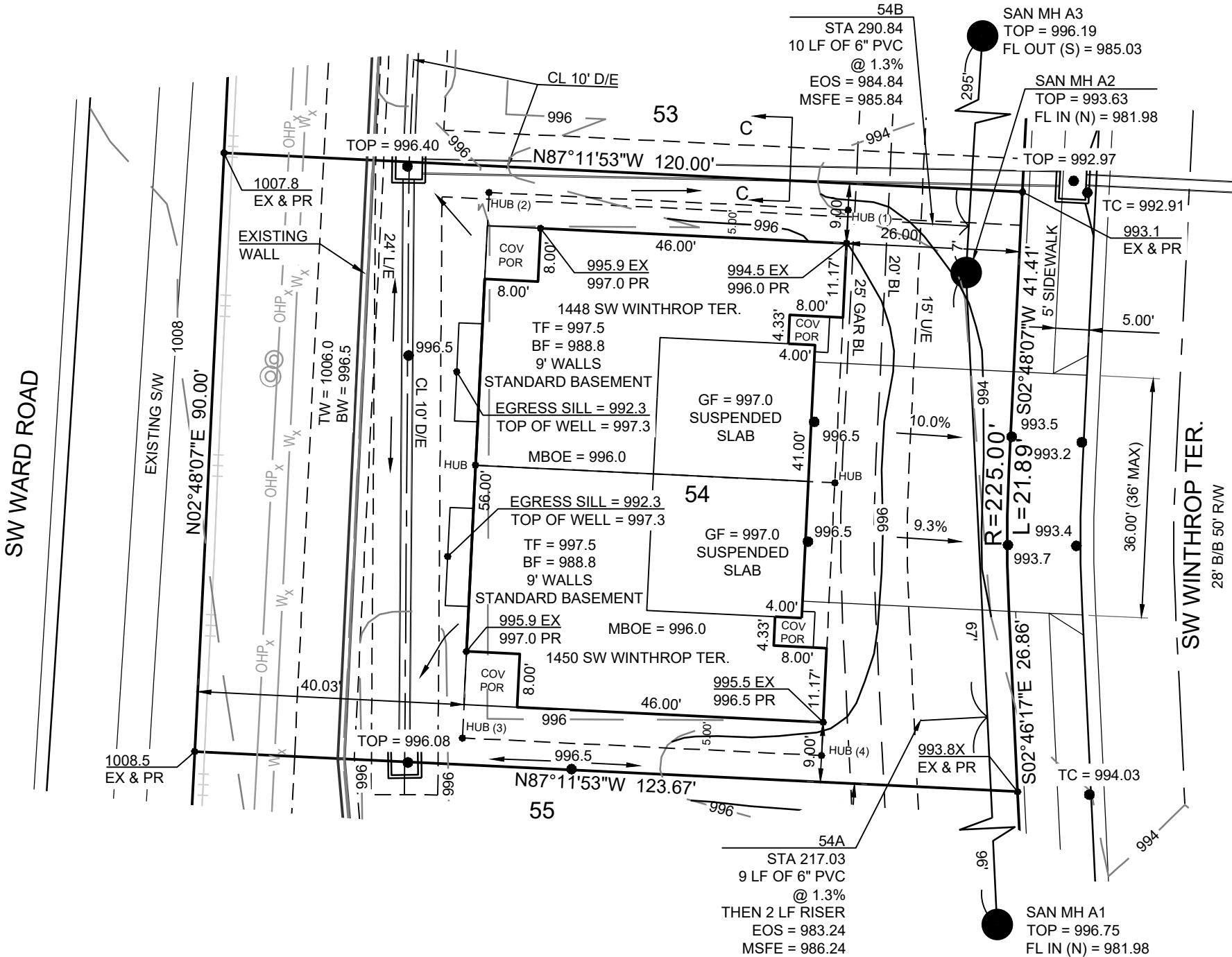
LOT AREA = 10,871.05 SQ. FT.

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 54
WOODLAND GLEN,
2ND PLAT
1448 / 1450 SW WINTHROP TER.
LEE'S SUMMIT, MO

DRAWN BY:	AJC
DATE PREPARED:	03.20.24
PROJ. NUMBER:	23-230

PLOT PLAN

SHEET

1

SCHLAGEL

ENGINEERS PLANNERS SURVEYORS LANDSCAPE ARCHITECTS

14920 West 107th Street Lenexa, Kansas 66215
(913) 492-5158 Fax: (913) 492-8400
WWW.SCHLAGELASSOCIATES.COM

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