

I:\PROJECTS\2023\23-230\3.0 Design\23-230 & 23-231.dwg, 23-230 LOT 54 PLOT PLAN, 1/5/2024 8:10:42 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

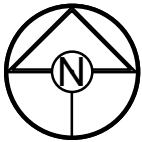
HUB ELEVATIONS AS STAKED:

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

LOT AREA = 10,871.05 SQ. FT.

NOTES:

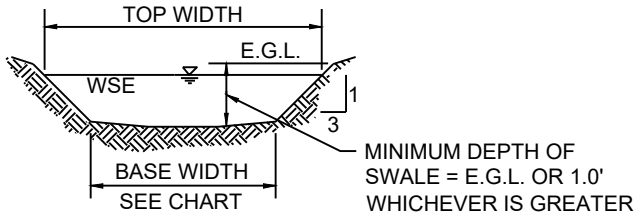
1. THIS PLOT PLAN WAS PREPARED FOR FOUNDATION CONSTRUCTION ONLY.
2. BUILDER IS REQUIRED TO VERIFY ALL DIMENSIONS, GRADES, EXISTING UTILITIES AND ADEQUATE FALL TO SEWER PRIOR TO CONSTRUCTION.
3. WALL HEIGHTS AND LOCATIONS SHOWN ARE APPROXIMATE. BUILDER TO VERIFY WALL HEIGHTS AND LOCATIONS WITH EXCAVATOR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



SCALE: 1" = 20'

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

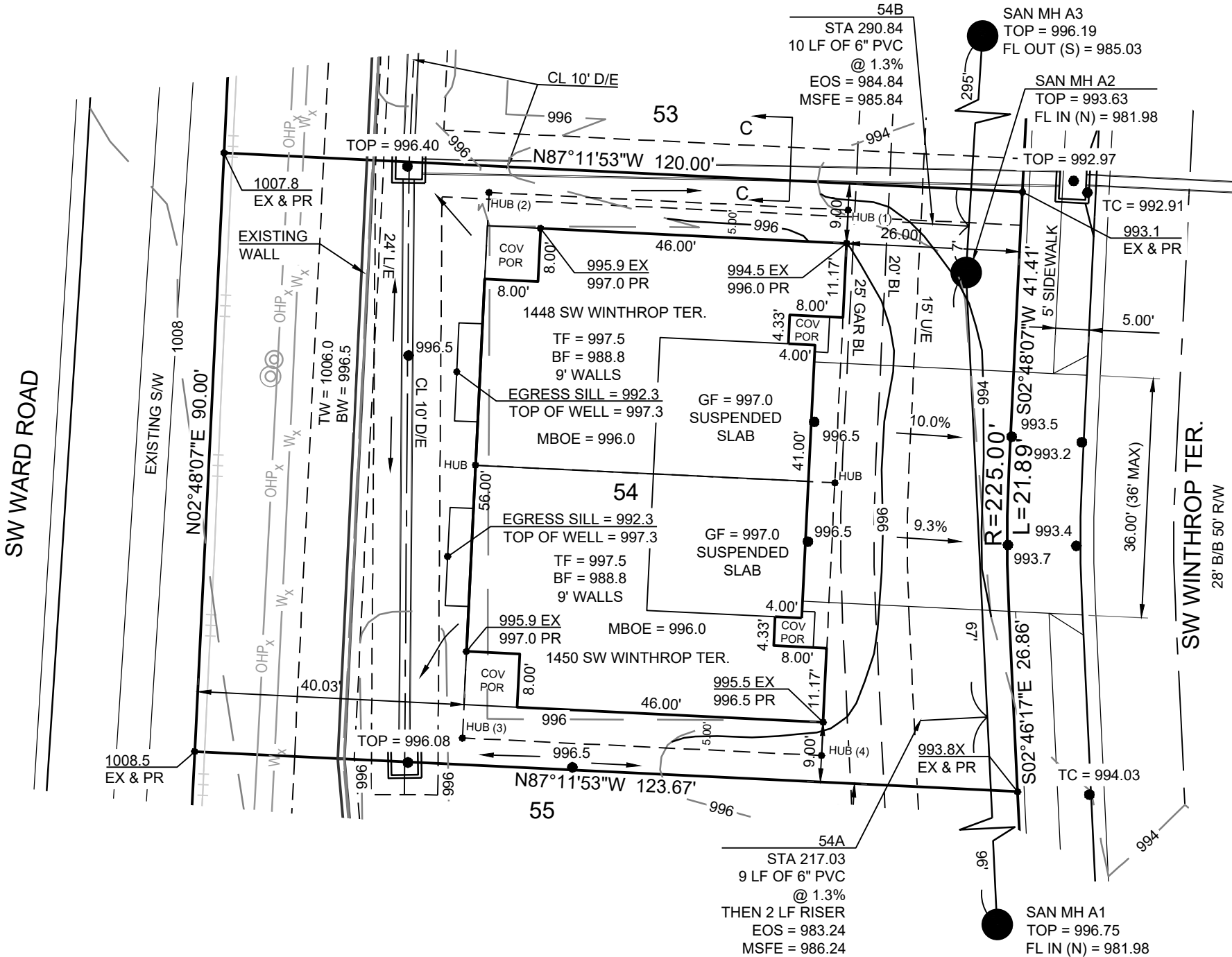
RUNOFF CALCULATIONS:
 $Q = K * C * I * A$
 $K_{10} = 1.0$ $K_{100} = 1.25$ $C = 0.51$ $I =$ INTENSITY
DESIGN OVERFLOW = $Q_{OVERFLOW} = Q_{100} - Q_{10}$
MANNINGS "n" = .030 FOR SWALES



100 YR OVERFLOW SWALE SECTIONS
SECTION 1-2



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



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

DRAWN BY:	AC
DATE PREPARED:	01.05.24
PROJ. NUMBER:	23-230

PLOT PLAN

SHEET

SCHLAGEL

ENGINEERS

PLANNERS

SURVEYORS

LANDSCAPE ARCHITECTS

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Missouri State Certificates of Authority
#E2002003800-F #LAC2001005237 #LS2002008659-F