

# CERTIFICATE OF SURVEY

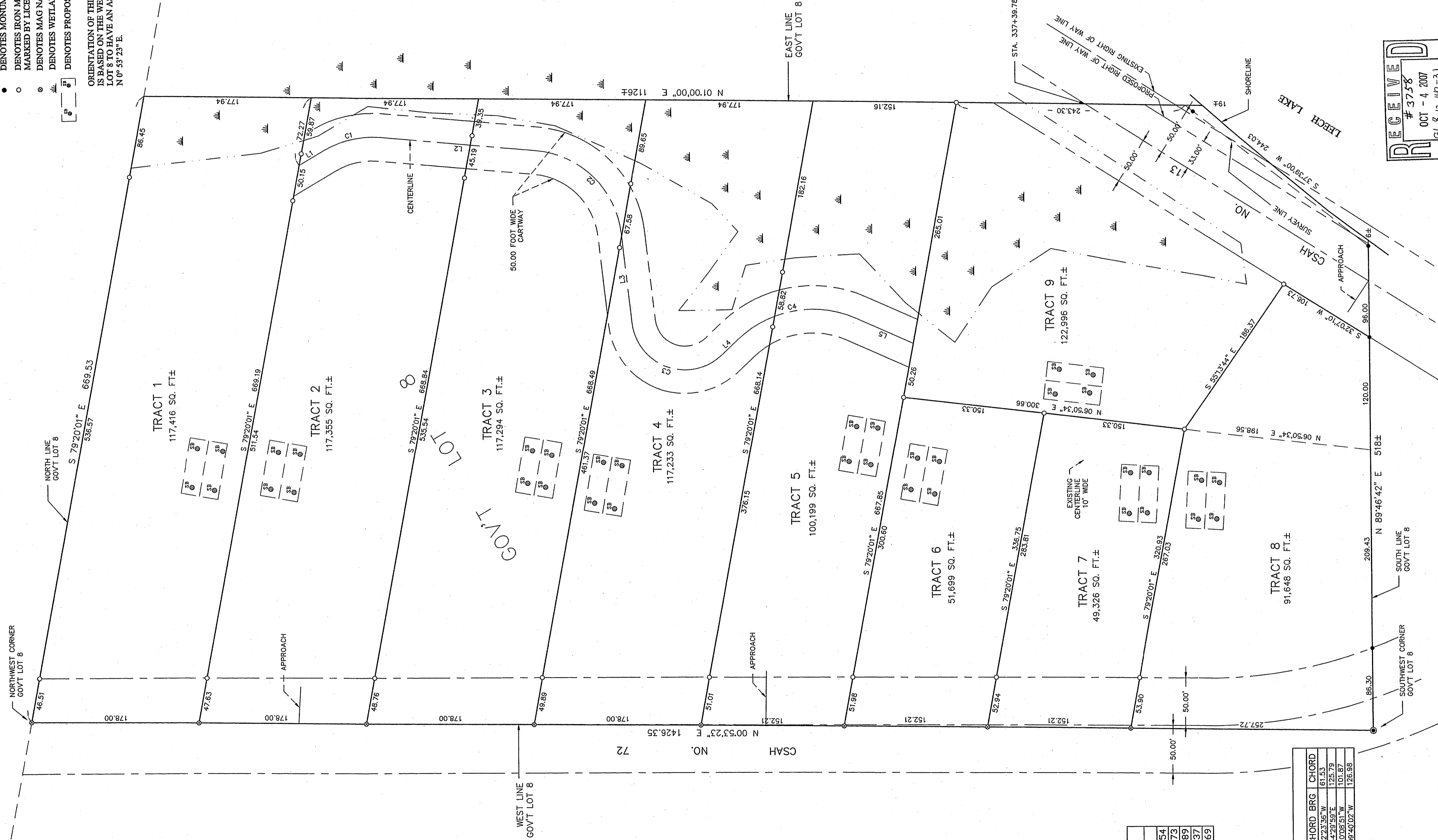
GOVERNMENT LOT 8,  
SECTION 12, TOWNSHIP 142 NORTH, RANGE 31 WEST,  
CASS COUNTY, MINNESOTA



SCALE IN FEET

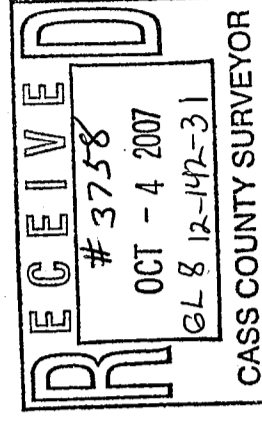
- DENOTES BRASS CAP MONUMENT FOUND
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE NO. 21367
- DENOTES MAG NAIL SET
- DENOTES WETLAND
- DENOTES PROPOSED SEPTIC SITE

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE WEST LINE OF GOV'T LOT 8 TO HAVE AN ASSUMED BEARING OF N 0° 53' 23" E.



LINE	BEARING	LENGTH
L1	S 30° 18' 45" E	30.54
L2	S 05° 21' 33" W	166.73
L3	S 83° 28' 25" W	93.89
L4	S 43° 10' 43" E	23.37
L5	S 23° 50' 40" W	66.69

CURVE	DELTA	LENGTH	RADIUS	CHORD	BEG	CHORD
C1	Δ = 35° 30' 16"	61.55	100.00	N 72° 33' 46" W	61.53	
C2	Δ = 72° 38' 08"	126.00	57.00	S 20° 08' 51" W	101.87	
C4	Δ = 67° 21' 23"	134.52	115.00	N 09° 40' 02" W	126.88	



PROJ. MGR.		COMPUTER:	DATE:	REVISIONS	BY
TLF	012166	012166	8/30/07	DESCRIPTION	TLF
TLF	FIELD BOOK:	FIELD BOOK:	SCALE:	SEWAGE SITES	TLF
TLF	BOOK 175 PG. 47	BOOK 175 PG. 47	HORZ. 1"=60'	REVERSE RIGHT OF WAY	TLF
DRG	FILE NO:	FILE NO:	VERT. NONE	TRACT 8/9	TLF
	012166	012166		REDUCION TRACTS 5, 6, 7, 8 & 9	TLF
				REVISED 50 FOOT EASEMENT	TLF

I HEREBY CERTIFY THAT THIS SURVEY, PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY SUPERVISION AND I AM A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.  
 FERRY, L. FREEMAN PLS #21367  
 8/30/07 UC. NO. 21367

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