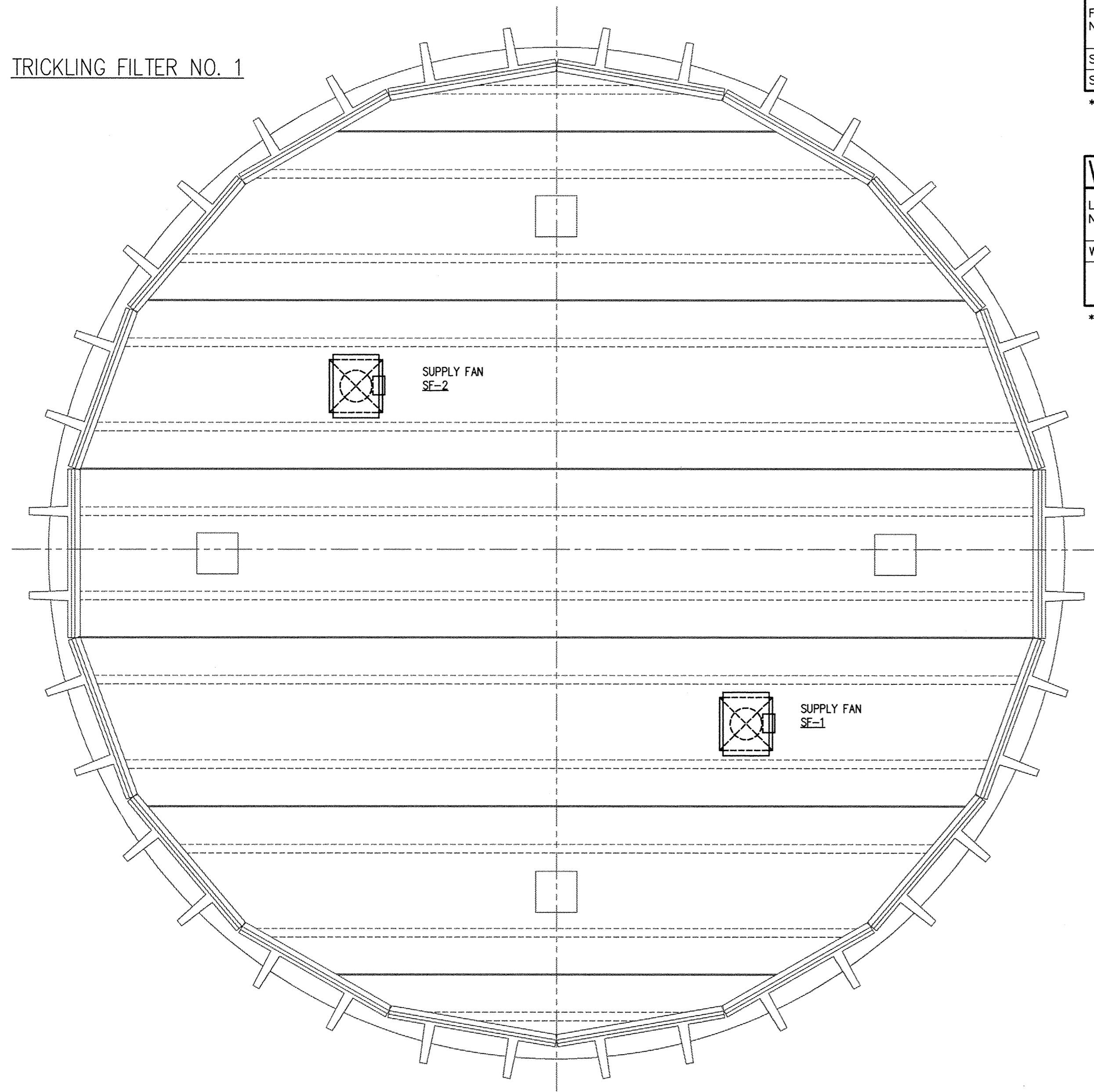
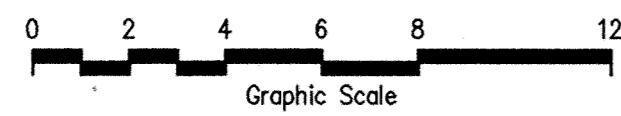


TRICKLING FILTER NO. 1



TRICKLING FILTER VENTILATION PLAN

SCALE: 1/4" = 1'-0"



SUPPLY FANS

FAN NO.	LOCATION	SERVICE	MODEL NO. *	FAN TYPE	CAPACITY CFM	S.P. "W.G.	ROOF OPENING " RD	TIP SPEED FPM	EST. FAN RPM	SONES	DRIVE	MOTOR			ACCESSORIES	REMARKS	
												TYPE	H.P.	R.P.M.			
SF-1	TRICKLING FILTER ROOF	SUPPLY	FLR-18	AXIAL	5000	0.30	18	-	2370	-	BELT	T.E.	1-1/2	1725	460/60/3	CURB PANEL, HOOD, MOTOR DRIVE CANOPY	
SF-2	TRICKLING FILTER ROOF	SUPPLY	FLR-18	AXIAL	5000	0.30	18	-	2370	-	BELT	T.E.	1-1/2	1725	460/60/3	CURB PANEL, HOOD, MOTOR DRIVE CANOPY	

* BASED ON: CEILCOTE

WALL LOUVERS

LOUVER NO.	LOCATION	SERVING	LENGTH INCHES	HEIGHT INCHES	DEPTH INCHES	FRAME TYPE	BLADE TYPE	REMARKS
WL-1,2,3,4	TRICKLING FILTER BLDG.	TRICKLING FILTER	42	36	4	FIBERGLASS	ADJUSTABLE	3.40 SQ. FT. F.A., DAMPER LEVER OPERATOR THRU FACE OF LOUVER

* BASED ON: SWARTWOUT

This drawing was prepared by:
Wentz Associates, Inc.
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 Suite 330
 Minneapolis, MN 55435
 Telephone: (612) 831-1180
 Fax: (612) 831-2179

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Thomas A. West
 DATE 01 MAR 94 REG. NO. 18609



1326 ENERGY PARK DRIVE
 ST. PAUL, MINNESOTA 55108
 (612) 644-4389
 9800 SHELARD PARKWAY
 MINNEAPOLIS, MINNESOTA 55441
 (612) 546-0432

REVISIONS	DATE	DESCRIPTION	DESIGNED	TAW
			CHECKED	TAW
			DRAWN	SRS

GRAPHIC SCALE
 0 HORIZ. _____
 0 VERT. _____

CITY OF ELK RIVER
 WASTEWATER TREATMENT FACILITIES
 TRICKLING FILTER
 VENTILATION PLAN

DATE MAR 1994 SHEET ___ OF ___ SHEETS PROJECT NO. 230-151

M1