

RAMSEY COUNTY
DEPARTMENT OF PUBLIC WORKS

CONSTRUCTION PLANS FOR RELOCATION AND
REPAIR OF:

ARLINGTON FILTER POND FENCE

RAMSEY COUNTY PROJECT NO. 47380

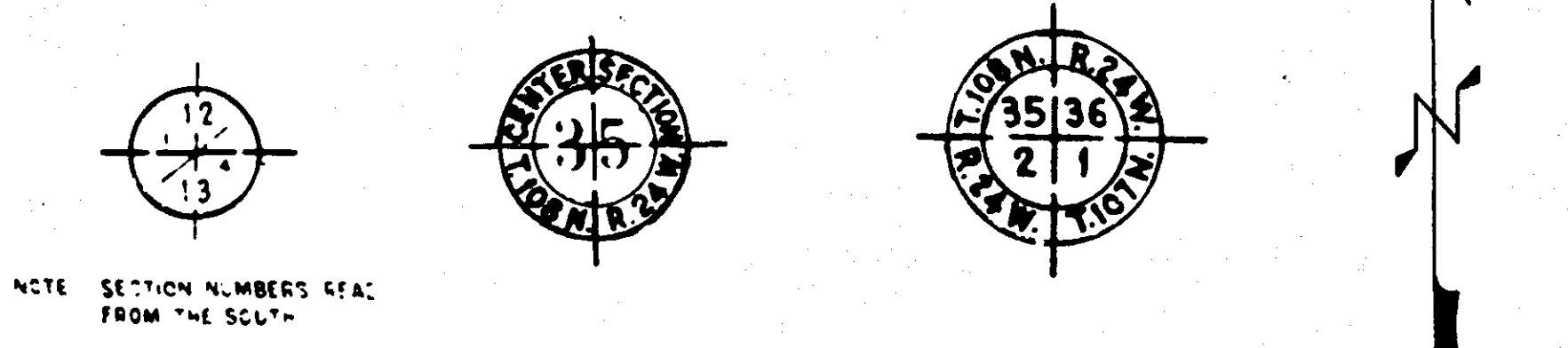
INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN SHEET & DETAILS

PLANS SYMBOLS

STATE LINE	SPRINGS
COUNTY LINE	MARSH
TOWNSHIP OR RANGE LINE	TIMBER
SECTION LINE	ORCHARD
QUARTER LINE	BRUSH
SIXTEENTH LINE	NURSERY
RIGHT OF WAY LINE	CATCH BASIN
PRESENT RIGHT OF WAY LINE	FIRE HYDRANT
CONTROL OF ACCESS LINE	CATTLE GUARD
PROPERTY LINE (Except Land Lines)	OVERPASS (Highway Over)
VACATED PLATTED PROPERTY	UNDERPASS (Highway Under)
CORPORATE OR CITY LIMITS	BRIDGE
TRUNK HIGHWAY CENTER LINE	BUILDING (One Story Frame)
RETAINING WALL	F FRAME C CONCRETE
RAILROAD	S STONE T TILE
RAILROAD RIGHT OF WAY LINE	B BRICK ST STUCCO
RIVER OR CREEK	IRON PIPE OR ROD
DRY RUN	MONUMENT (STONE, CONCRETE, OR METAL)
DRAINAGE DITCH	WOODEN HUB
DRAIN TILE	GRAVEL PIT
CULVERT	SAND PIT
DROP INLET	BORROW PIT
GUARD RAIL	ROCK QUARRY
BARBED WIRE FENCE	
WOVEN WIRE FENCE	
CHAIN LINK FENCE	
RAILROAD SNOW FENCE	
STONE WALL OR FENCE	
HEDGE	
RAILROAD CROSSING SIGN	
RAILROAD CROSSING BELL	
ELECTRIC WARNING SIGN	
CROSSING GATE	
MEANDER CORNER	
SLOPE EASEMENT (CONST. LIMITS)	

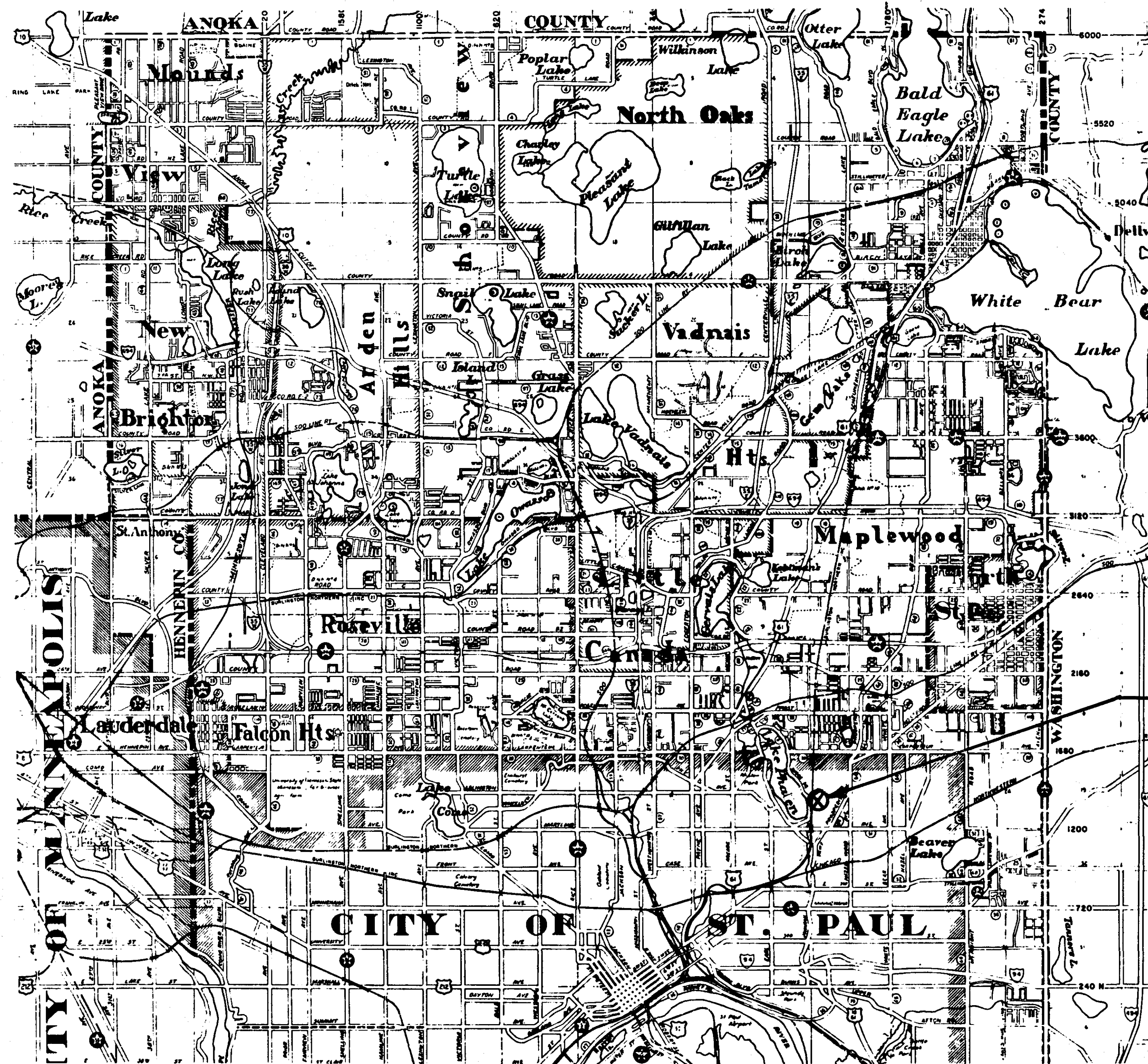
UTILITIES SYMBOLS

POWER POLE LINE	CONDUIT
TELEPHONE OR TELEGRAPH POLE LINE	TELEPHONE CABLE IN CONDUIT
JOINT TELEPHONE AND POWER OR POWER POLES	ELECTRIC CABLE IN CONDUIT
ON TELEPHONE POLES	TELEPHONE MANHOLE
ANCHOR	ELECTRIC MANHOLE
STEEL TOWER	BURIED TELEPHONE CABLE
STREET LIGHT	BURIED ELECTRIC CABLE
PEDESTAL TELEPHONE CABLE TERMINAL	AERIAL TELEPHONE CABLE
GAS MAIN	SEWER (SANITARY OR STORM)
WATER MAIN	SEWER MANHOLE



PIT DATA

PIT NO. _____	Located in _____
_____	Dead Haul _____
PIT NO. _____	Located in _____
_____	Dead Haul _____



PROJECT LOCATION

DESIGN SQUAD S.H.B. DATE 2-12-87
 DRAWN BY S.H.B. DATE 2-23-87
 CHECKED BY [Signature] DATE 2-23-87
 I HEREBY CERTIFY THAT THIS PLAN 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
 DATE 2/23/87 REG. NO. 16159 ENGR James E. P. [Signature]

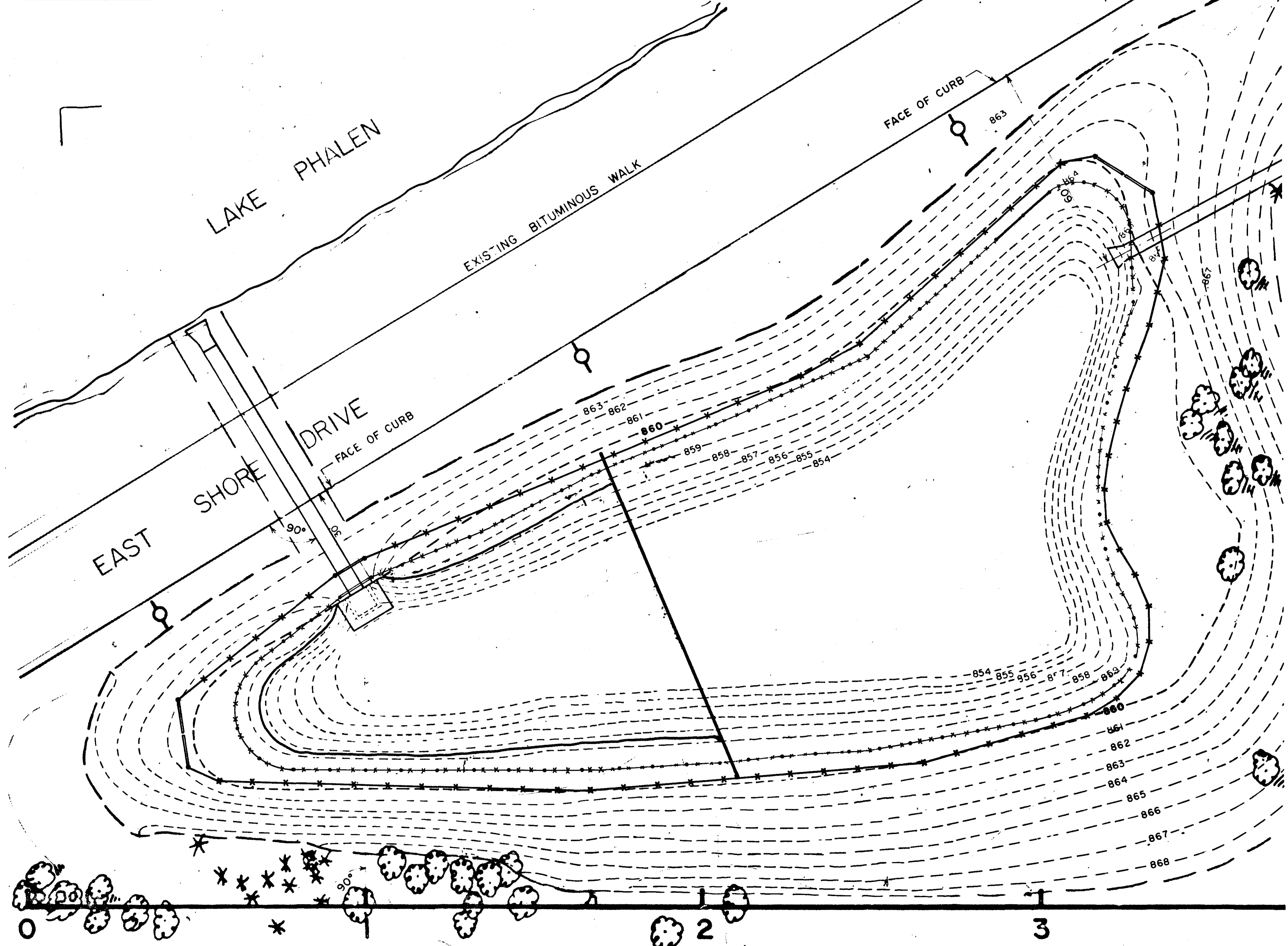
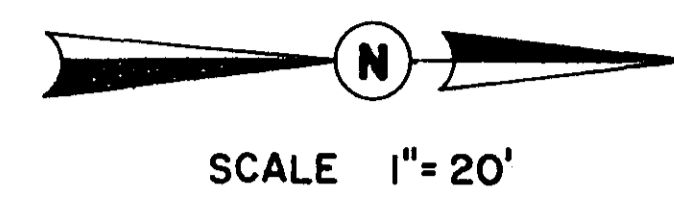
- RECOMMENDED FOR APPROVAL _____ DATE _____
- TRAFFIC ENGR
- RECOMMENDED FOR APPROVAL _____ DATE 2/23/87
- ENV. ENGR
- RECOMMENDED FOR APPROVAL _____ DATE _____
- MAINT. ENGR
- RECOMMENDED FOR APPROVAL _____ DATE _____
- CONSTR. ENGR
- RECOMMENDED FOR APPROVAL _____ DATE _____
- DESIGN ENGR
- RECOMMENDED FOR APPROVAL _____ DATE _____
- R.O.W. ENGR
- APPROVED _____ DATE _____
- COORDINATING ENGR

PLAN REVISIONS		
DATE	SHEET NO.	BY

THE 1983 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ORIGINAL DOCUMENT
VERY POOR

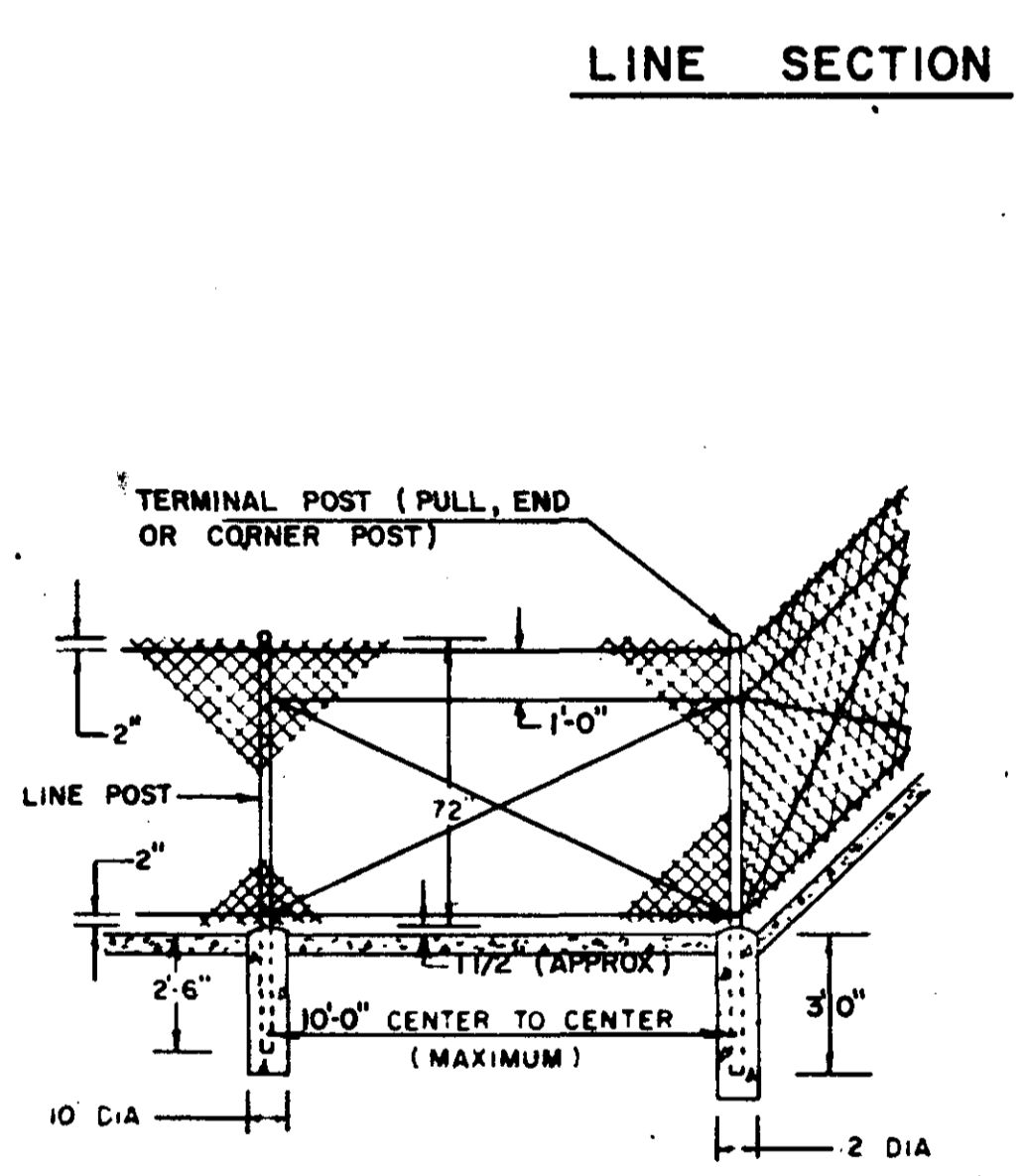
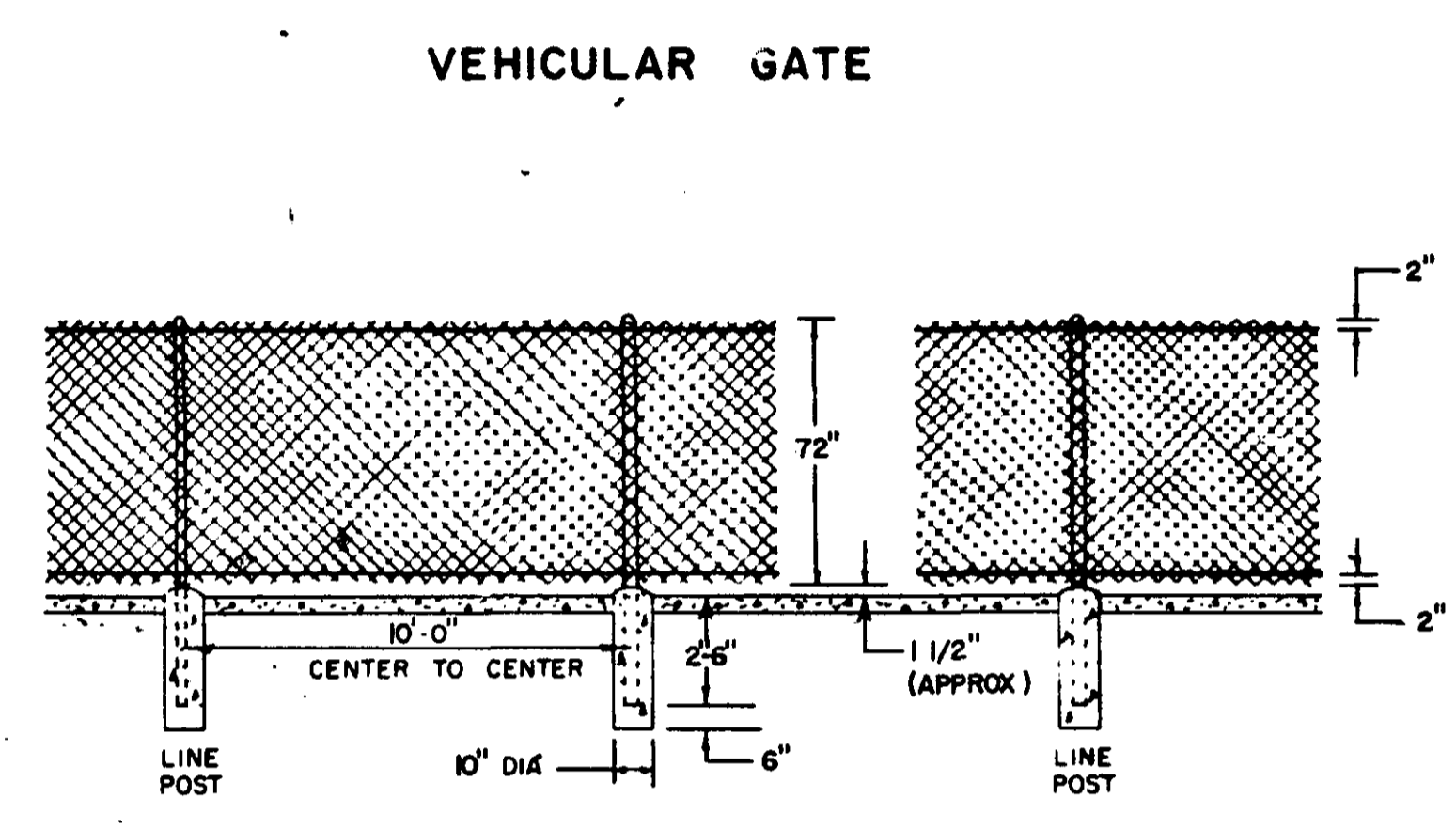
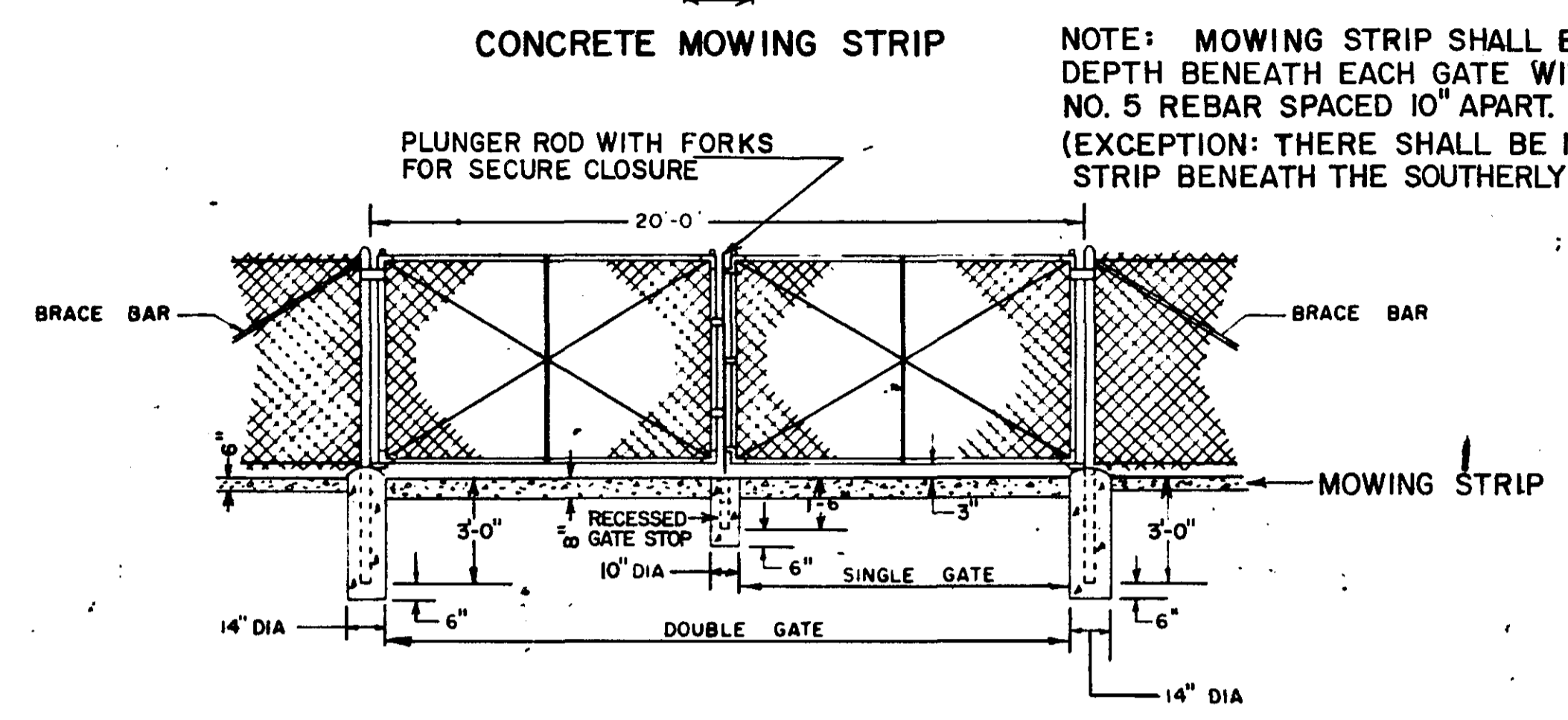
STATEMENT OF ESTIMATED QUANTITIES				
ITEM NO.	ITEM	UNIT	ESTIMATED QUANTITIES	FINAL ESTIMATED QUANTITIES
2104.501	REMOVE LINE POSTS	EACH	67	
2104.521	SALVAGE FENCE & RAILS	LF	690	
2104.523	SALVAGE 10' VEHICULAR GATE	EACH	1	
2104.523	SALVAGE 20' VEHICULAR GATE	EACH	1	
2521.523	6" CONCRETE MOWING STRIP	SF	817	
2557.501	WIRE FENCE (PVC COATED)	LF	100	
2557.517	20' VEHICULAR GATE	EACH	1	
2557.522	LINE POSTS	EACH	72	
2557.522	20' LINE RAILS	EACH	6	
2557.603	INSTALL FENCE & RAILS	LF	650	
0557.602	INSTALL 10' VEHICULAR GATE	EACH	1	
0657.602	INSTALL 20' VEHICULAR GATE	EACH	1	



MOWING STRIP SHALL BE INCIDENTAL TO FENCE INSTALLATION

CONCRETE MIX SHALL BE MN/DOT 3A35

NOTE: MOWING STRIP SHALL BE 8" IN DEPTH BENEATH EACH GATE WITH TWO NO. 5 REBAR SPACED 10' APART. (EXCEPTION: THERE SHALL BE NO MOWING STRIP BENEATH THE SOUTHERLY VEHICULAR GATE.)



I HEREBY CERTIFY THAT THIS PLAN 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.

James E. Tolson

DATE 2/23/87 REG. NO. 16159

ORIGINAL DOCUMENT VERY POOR