

CITY OF SUPERIOR, WISCONSIN DEPARTMENT OF PUBLIC WORKS

PLANS FOR THE CONSTRUCTION OF CONTRACT 3

LIFT STATION AND STORAGE IMPROVEMENTS

CITY OF SUPERIOR

MARGARET CICCONE
MAYOR

CONSOER TOWNSEND ENVIRODYNE ENGINEERS

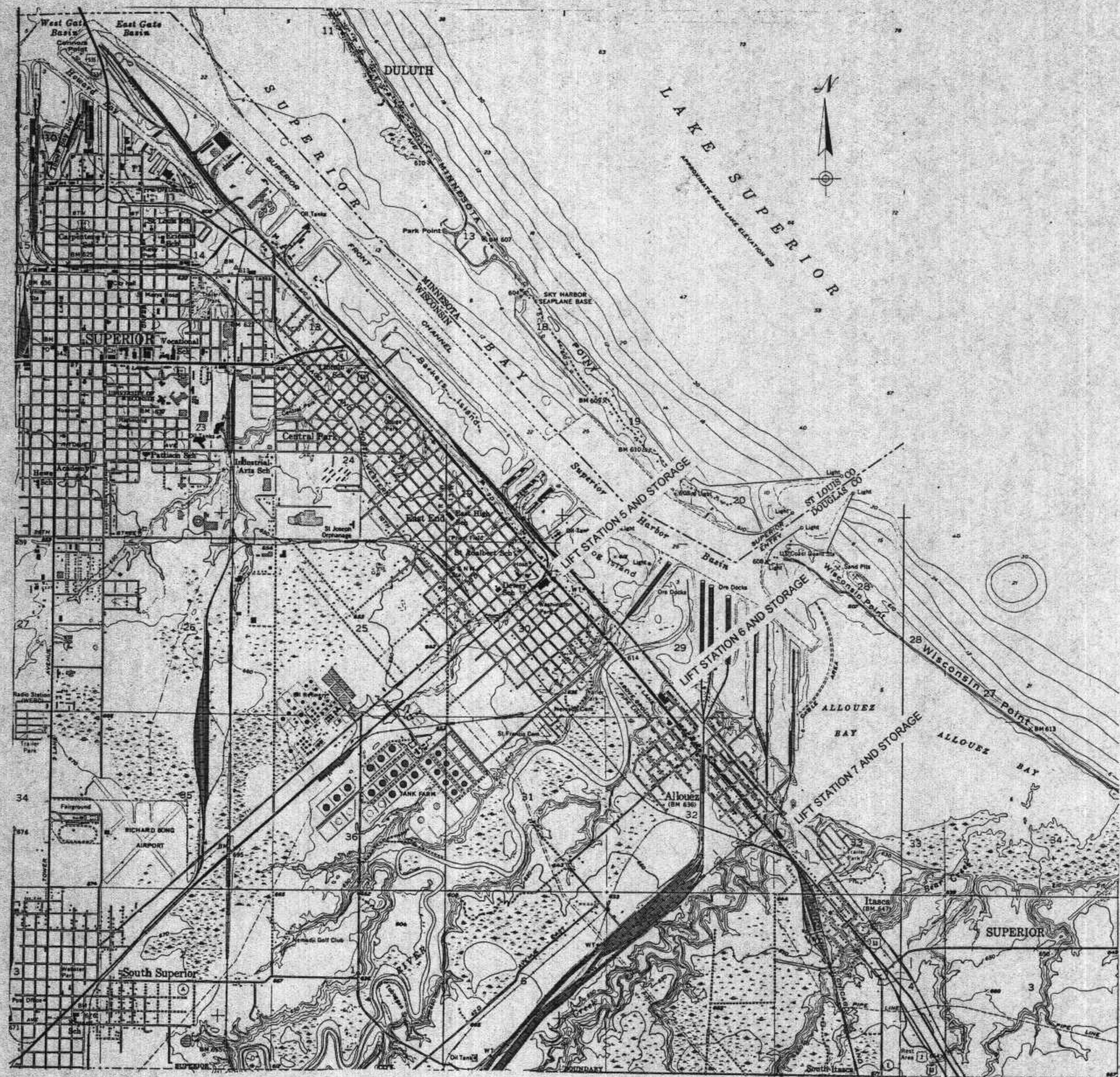
Jeff C. Cook

JEFF C. COOK, P.E.
NO. E-26997

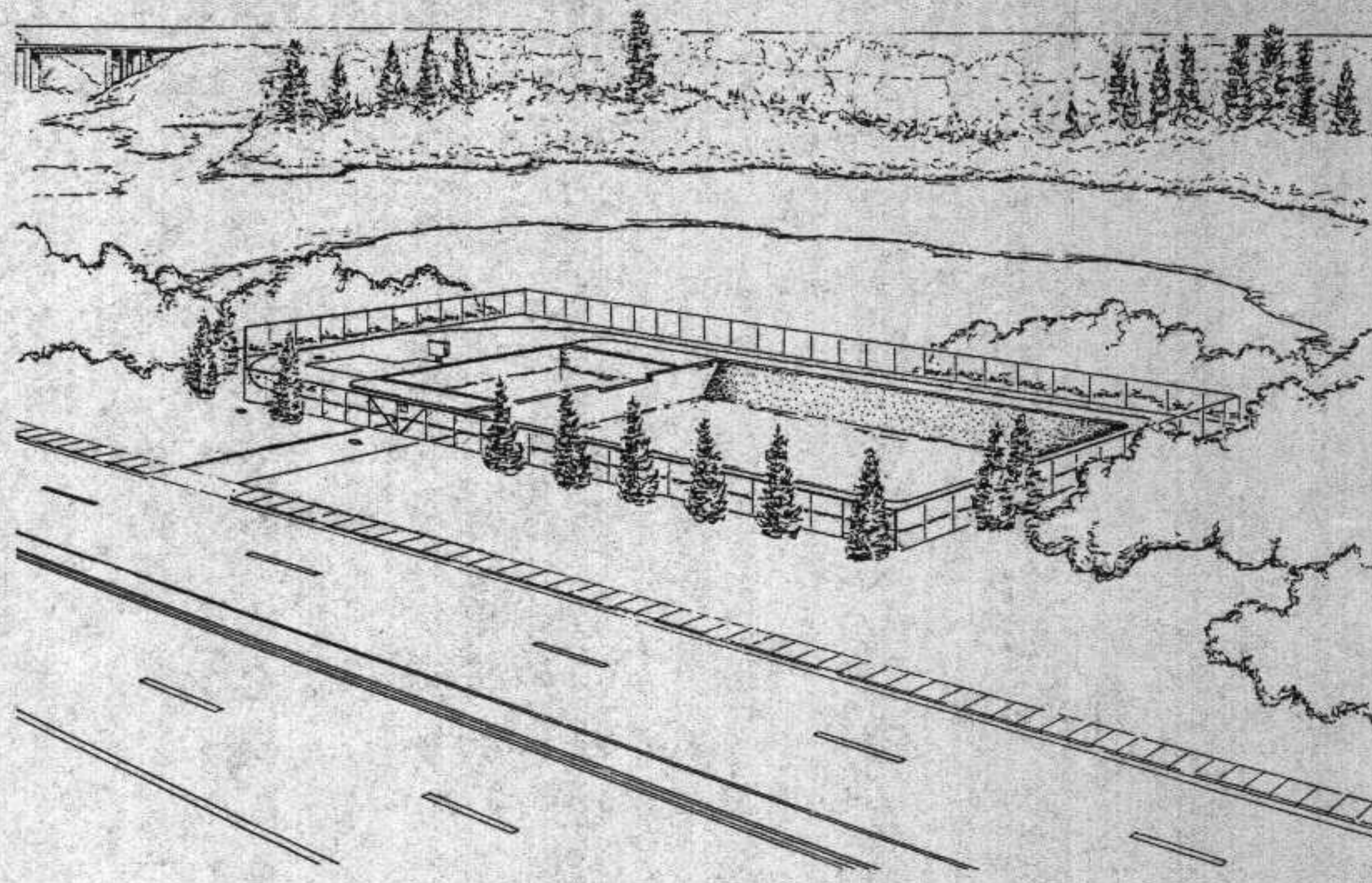
DEPT. OF PUBLIC WORKS

JEFF VITO
DIRECTOR

LOCATION MAP



CONCEPT ONLY—SEE DRAWINGS FOR DETAIL




LIST OF CONTRACT DRAWINGS

SHEET No.	TITLE
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MP-1	LIFT STATION 5 PLAN/SECTION MECHANICAL
MP-2	LIFT STATION 6 PLAN/SECTION MECHANICAL
MP-3	LIFT STATION 7 PLAN/SECTION MECHANICAL

NO.	DATE	DESCRIPTION	APPROVED
REVISIONS			

DESIGNED _____	SCALE
DRAWN _____	
CHECKED _____	
DATE _____	


 CONSER TOWNSEND BAIWRODNE ENGINEERS INC


 BETA ENGINEERING, INC.
Engineers/Planners
 1420 PROVIDENCE HIGHWAY, NORWOOD, MA
 4 BLACKSTONE VALLEY PLACE, LINCOLN, RI

CITY OF SUPERIOR, WISCONSIN
DEPARTMENT OF PUBLIC WORKS

 CONTRACT NO. 3

SHEET G-1	OF	SHEETS
PROJECT NO.	3899-03	

ABBREVIATIONS

ALUM	Aluminum
APPROX	Approximate
BIT	Bituminous
B.M.	Benchmark
CB	Catchbasin
CI	Cast iron
C	Centerline
CONC	Concrete
CREG	Control regulator
CSO	Combined sewage overflow
CY	Cubic yard
DIA or Ø	Diameter
DIP	Ductile iron pipe
DMH	Drainage manhole
DWO	Dry weather outlet
EA	Each
EF	Exhaust Fan
EH	Electric Unit Heater
EL or ELEV	Elevation
ESVCP	Extra strength vitrified clay pipe
EX or EXIST	Existing
EXP	Explosion proof device or equipment (Class 1, Division 1, Group D)
FT	Feet
GALV	Galvanized
GM	Gas meter
GV	Gas valve
HP	Horsepower
HYD	Hydrant
ID	Inside diameter
IN	Inches
INCP	Interceptor sewer
INV	Invert
MH	Manhole
MJ	Mechanical joint
NO or #	Number
NTS	Not to scale
OC	On center
OD	Outside diameter
OH or OHD	Overhead
PIA	Plug and abandon
P	Property line
PLC	Programmable logic controller
PROP	Proposed
PVC	Polyvinylchloride
RCP	Reinforced Concrete Pipe
SDO	Storage diversion outlet
SECT	Section
SF	Square feet
SG	Slide gate
SHT	Sheet
SLG	Sluice Gate
SS	Stainless steel
SWO	Storm water outlet
SY	Square yards
TBM	Temporary benchmark
TG (or FG)	Tide gate (or flap gate)
TYP	Typical
UG	Underground
WM	Water meter
WP	Weatherproof device or equipment
WV	Water valve

SYMBOLS


Plan	
	EXISTING PIPES with SIZE and FLOW DIRECTION
	— STORM
	— COMBINED
	— SANITARY
	PROPOSED PIPES with SIZE and FLOW DIRECTION
	— STORM
	— COMBINED
	— SANITARY
	GAS LINE & SIZE
	WATER LINE & SIZE
	TELEPHONE LINE
	OVERHEAD ELECTRIC LINE
	ELECTRIC CONDUIT
	SIGNAL WIRE
	MANHOLE
	CATCH BASIN
	WATER VALVE
	GAS VALVE
	FIRE HYDRANT
	STREET LIGHT
	UTILITY POLE WITH LIGHT
	UTILITY POLE
	SIGN or PARKING METER
	CONTRACT LIMIT LINE
	CURB
	EDGE OF PAVEMENT
	RIGHT OF WAY
	FENCE
	PROPERTY LINE
	STREET LINE
	CENTER LINE
	EASEMENT
	CONTOUR (in Plan view)
	SPOT GRADE
	SOIL BORING
	MARSH
	TREE (diameter)
	EVERGREEN
	EXISTING WATER COURSE
	WOOD, UNDERGROWTH AND BRUSH
Profile	
	HOUSE NO. & TOP OF FOUNDATION ELEVATION
	HOUSE NO. & BASEMENT FLOOR ELEVATION
	HOUSE NO. & SANITARY SEWER ELEVATION at FOUNDATION
	ESTABLISHED GRADE (in Profile view)
Section	
	BRICK
	CONCRETE
	GROUND
Electrical	
	SINGLE POLE SWITCH
	3-WAY SWITCH
	DUPLEX RECEPTACLE
	PUSHBUTTON or SELECTION SWITCH
	CONTROL DEVICE
	F.S. TYPE JUNCTION BOX-sized per N.E.C. and supported independent of conduit system
	MOTOR
	THERMOSTAT CONNECTION
	CONDUIT RUN EXPOSED, OVERHEAD OR CONCEALED ABOVE CEILING OR IN WALL - denotes size number of #12 AWG copper conductors unless noted
	CONDUIT BELOW FLOOR SLABS IN SAND FILL - denotes size number of #12 AWG copper conductors unless noted

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CONTRACT NO. 3

SHEET	0-2
OF	SHEETS
PROJECT NO.	3899-03