

SEWER
 REET
 er 900' East
 ED IN 1963
 S CO.

Note: All laterals installed to within
 7' of lot line in 1963

Note: 6-21-1992 The entire force main was
 replaced w/ new pipe by ABI, Lakeview, WI
 Dan S.

See photos in L/S File

SANITARY SEWER
 RICHARDS AVENUE
 Lift Station East & West
 CONSTRUCTED IN 1963
 BY THE SILVIS CO.

1" DIA. FACIA -
 2" x 2" 16" O.C.
 1/2" EXT. 14" O.C.
 PROVIDES AIR VENTS
 EVERY THREE JOIST

2" x 3" PLATE
 ANCHORED WITH 1/2"
 BOLTS 4" O.C.

DO NOT TO BE
 FURNISHED BY
 GEN. CONTRACTOR

SWITCHBOARD

1/2" ϕ BARS 8" O.C.
 ALTERNATE BARS
 BENT UP.

#5 12" O.C.

CONSOLIDATED ELECTRIC
 FLOAT SWITCH, MODEL
 295-2A OR EQUAL

SUMP PUMP
 OUTLET

4" FORCE
 INVERT

#5 12" O.C.

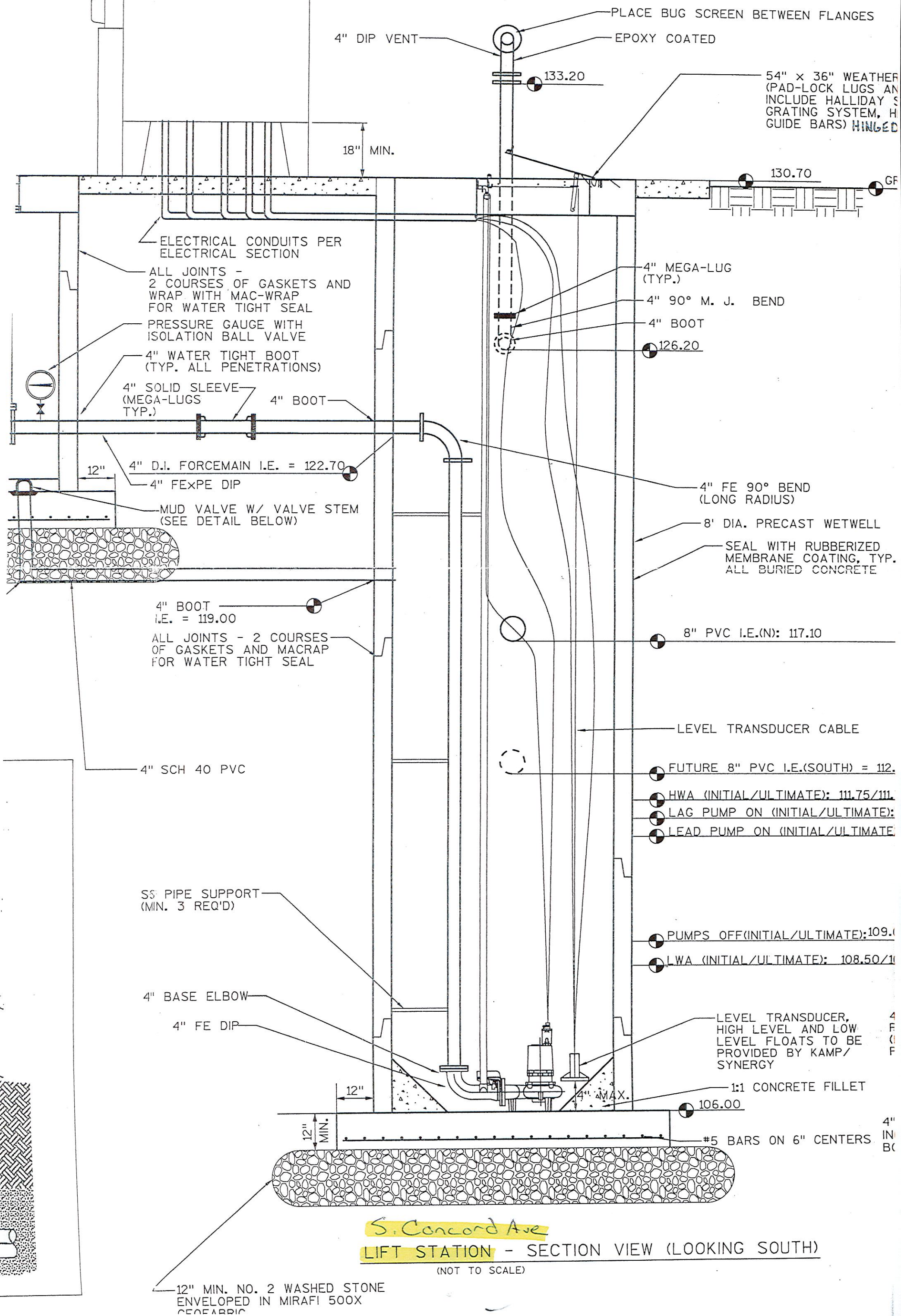
SUMP PIT CONSISTS OF A SECTION
 OF 18" CONCRETE PIPE WITH 12" OF
 CONCRETE IN THE BOTTOM. SUMP
 PUMP TO BE CHICAGO PUMP CO.
 "LITTLE GIANT" OR EQUAL.

ELEV. 85.00

SECTION A-A

Allerman Wellwell 1963/1964

LETTERS ON A YELLOW BACKGROUND
CONFINED ENTRY SIGN DETAIL



STATION	ADDRESS	VOLT	PHASE	PUMPS	MODEL	GPM	HP	MANU.	BUILT	WE METER #	LEVEL	MOTOR
18th Hole	1622 Country Club Ln	230	Single	2	NP3102	125	5	Flygt	1990	BZ-902319	Transducer	VFD
Allerman	1206 Richards Ave	230	3	2	CP3102	200	5	Flygt	1963	PVZT-439059	Transducer	Starter
Boughton Street	1029 Boughton Str	480	3	2	NP3153	600	20	Flygt	2009	PBXZT-92110	Transducer	VFD
Carlson Place	1618 Carlson PL	230	Single	2	CP3085	200	2.2	Flygt	1981	BZ-806898	Transducer	VFD
Country Club	1334 North Water St	230	3	2	CP3102	275	5	Flygt	1997	PBZT-703373	Float	Starter
Fifth Ward	710 North Church St	230	3	2	CP3082	50	0.8	Flygt	1957	PBZT-704795	Float	Starter
Fox Creek	901 Fox Creek Dr	230	3	2	C3102	200	5	Flygt	1995	PBZT-702197	Float	Starter
Front Street	300 Front Str	230	3	2	CP3102	250	5	Flygt	1949	PBZT-702424	Transducer	Starter
Grandview	1502 Beacon Dr	230	3	2	CP3127	110	7.5	Flygt	2003	PBZT-704745	Transducer	Starter
Hidde	1432 East Main Str	480	3	3	S4B	600	20	Hydromatic	1997	PBZT-700531	Transducer	Starter
Hinze	1617 Silver Creek Rd	230	3	2	MP3085	30	4	Flygt	1990	PBZT-703393	Float	Starter
North Water Street	702 North Water St	230	3	2	CP3085	160	3	Flygt	1999	PBZT704473	Float	Starter
Oak Ridge	101 Oak Ridge Ct	230	3	2	NP3102	125	5	Flygt	1972	PBZT-703928	Transducer	Starter
Riverlawn	220 Riverlawn Ave	230	Single	2	CP3045	50	1.1	Flygt	1959	NZ-715998	Transducer	VFD
Riverside Park	1002 Anne St	230	3	2	NP3085	150	3	Flygt	1949	PBZT-703650	Transducer	Starter
South Concord	224 West Haven Dr	230	Single	2	NP3102	120	10	Flygt	2006	NZ-709309	Transducer	VFD
Spaulding Street	115 E. Spaulding St	230	3	2	CP3127	700	5	Flygt	2001	PBZT-702813	Transducer	Starter
Watertown East	1153 Boughton St	230	Single	2	CP3102	225	5	Flygt	1974	NZ-722433	Transducer	VFD

WE Energies 1-888-779-6881
L.H.Lamb Electric 920-342-0986

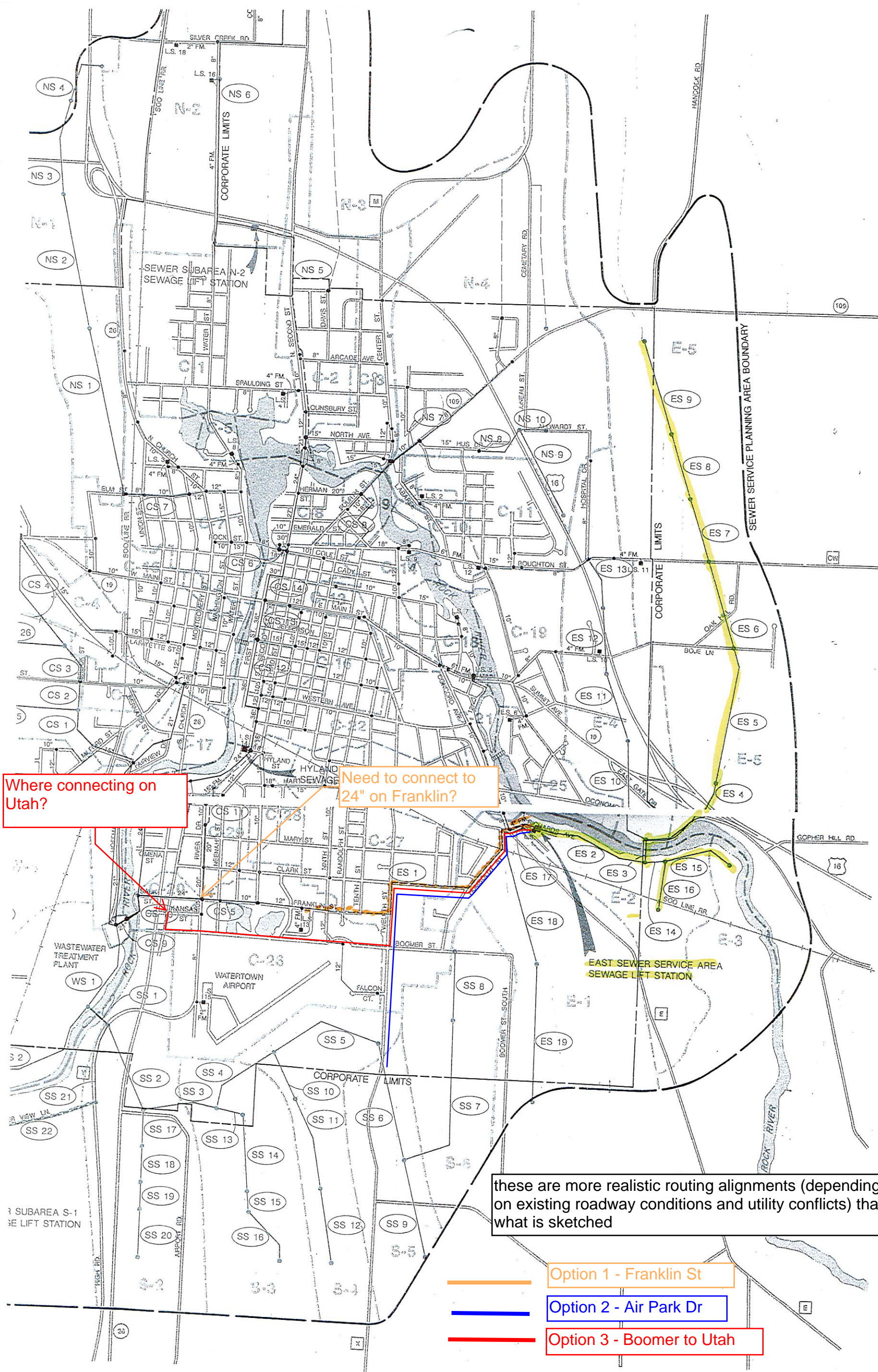
Kamp/Synergy shop 1-414-354-6700
Nate Wolfe Cell 1-414-630-2993

SET POINT	ELEVATION	TO BOTTOM	TO TRANSDUCER
High Level Float*	90.40'	4.90'	
High Alarm	89.73'	4.23'	3.40'
Inlet pipe	89.00'	3.50'	
Lag Pump Start	89.23'	3.73'	2.90'
Lead Pump Start	88.73'	3.23'	2.40'
Pumps Off	87.33'	1.83'	1.00'
Low Level Alarm	86.93'	1.43	0.60'
Low Level Float*	86.93'	1.43	
Transducer Offset	86.33'	0.83'	0.00'
Bottom Wet Well	85.50'	0.00'	

*Backup system operating range 3.47'

SET POINT	ELEVATION	TO BOTTOM	TO TRANSDUCER
High Level Float*	112.00'	6.00'	
High Alarm	111.75'	5.75'	5.25'
Lag Pump Start	111.50'	5.50'	5.00'
Lead Pump Start	111.00'	5.00'	4.50'
Pumps Off	109.00'	3.00'	2.50'
Low Level Alarm	108.50'	2.50'	2.00'
Low Level Float*	108.25	2.25'	
Transducer	106.50'	0.50'	0.00'
Bottom Wet Well	106.00'	0.00'	

*Backup system operating range 3.75'



LESS THAN 20" DIA.
20" AND LARGER
CORPORATE LIMITS
SEWER SUBAREA N-2
SEWAGE LIFT STATION
SEWER SUBAREA S-1
SEWAGE LIFT STATION
WASTEWATER TREATMENT PLANT
WATERTOWN AIRPORT
CORPORATE LIMITS
SEWER SERVICE PLANNING AREA BOUNDARY

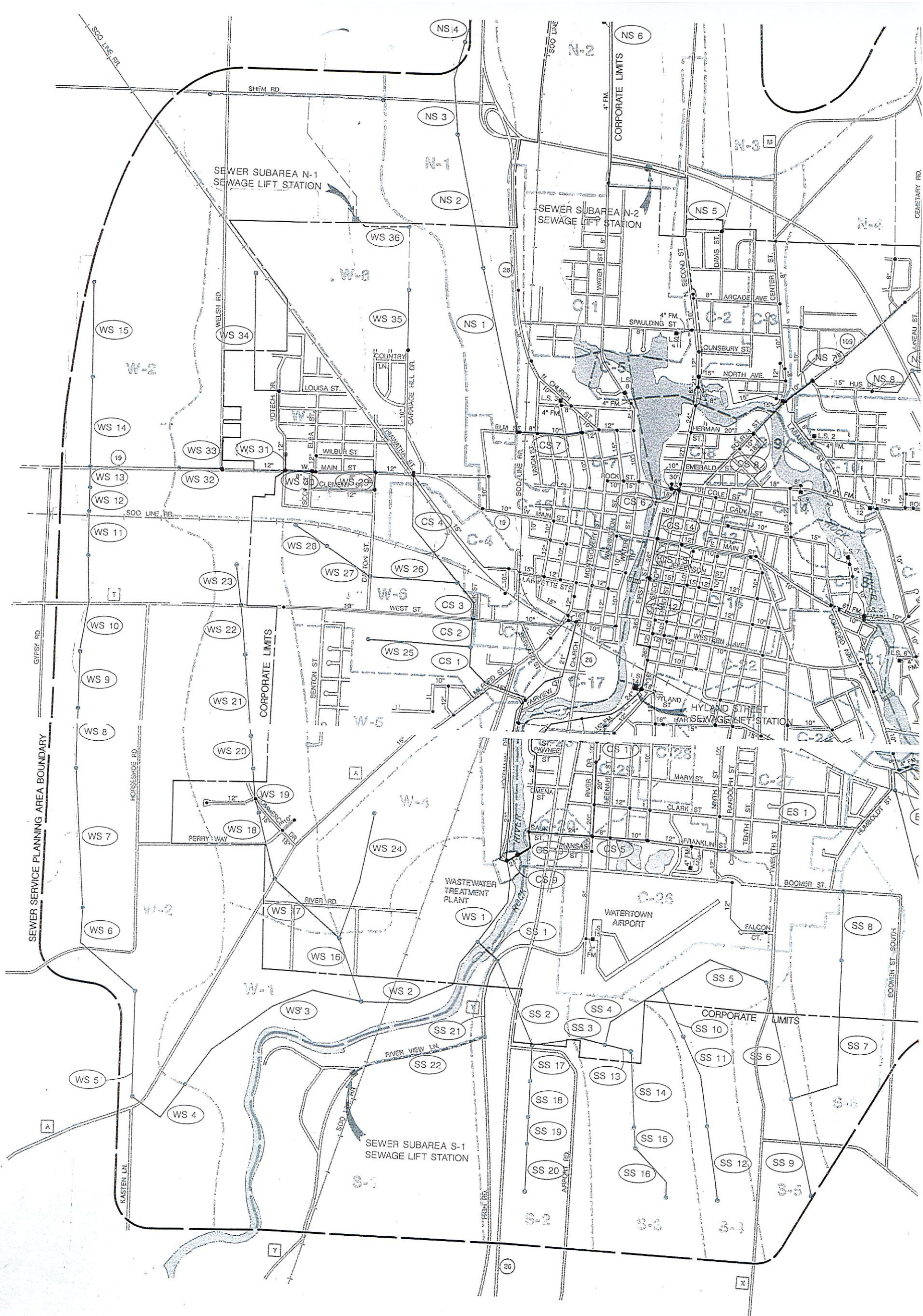


1990

CITY OF WATERTOWN

MAP OF RECOMMENDED TRUNK AND INTERCEPTOR SEWER IMPROVEMENTS

- Option 1 - Franklin St
- Option 2 - Air Park Dr
- Option 3 - Boomer to Utah



LEGEND

- EXISTING SEWER, SMALLER THAN 20" DIA.
- EXISTING SEWER, 20" DIA. AND LARGER
- FM — EXISTING FORCEMAIN
- - - SEWER SERVICE AREA BOUNDARY
- - - SEWER SERVICE SUBAREA BOUNDARY
- PROPOSED SEWER, SMALLER THAN 10" DIA.
- PROPOSED SEWER, 10" DIA. AND LARGER
- PROPOSED FORCEMAIN
- CS 10 ○ PROPOSED SEWER SEGMENT DESIGNATION



0 2000 400
SCALE IN FEET