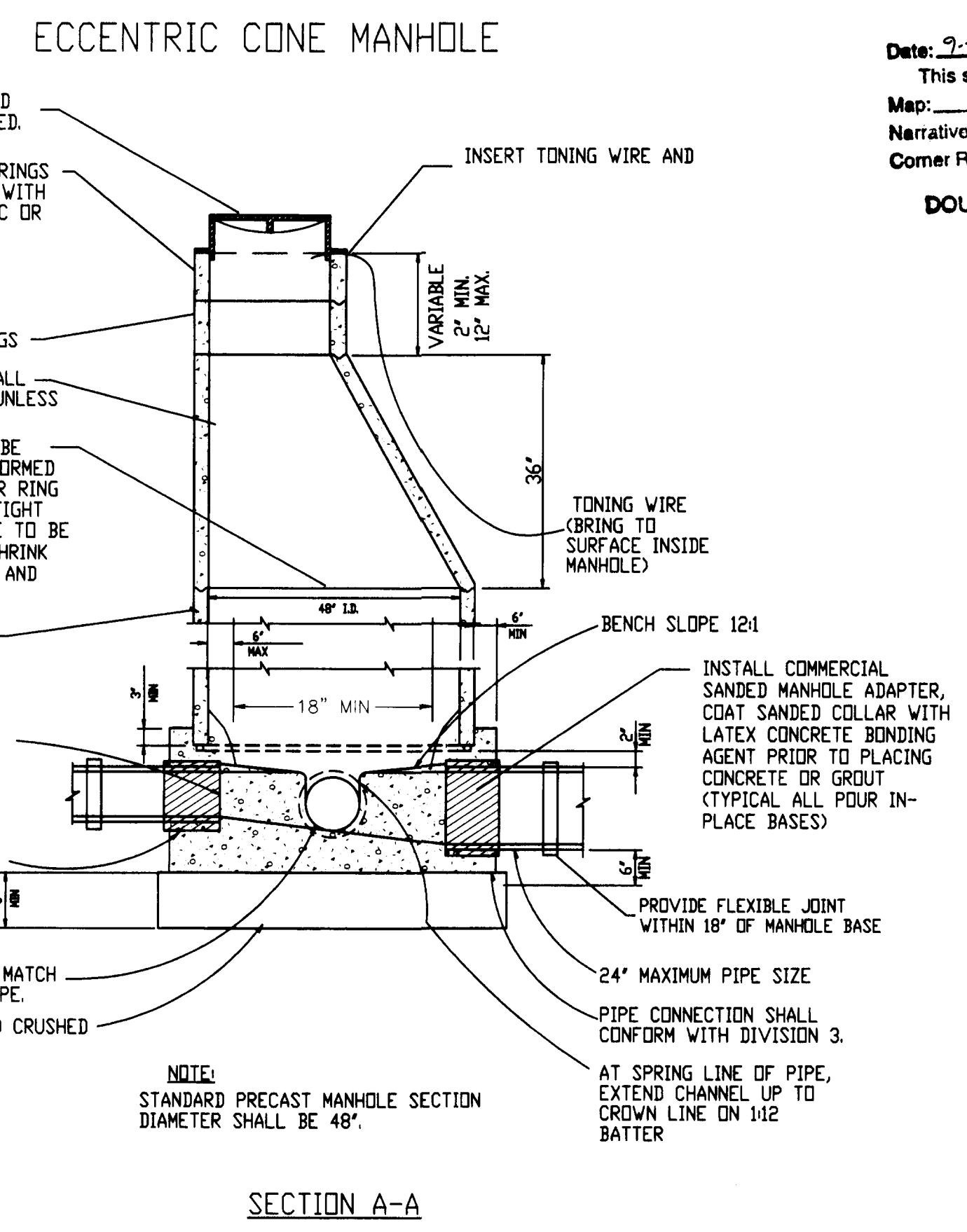
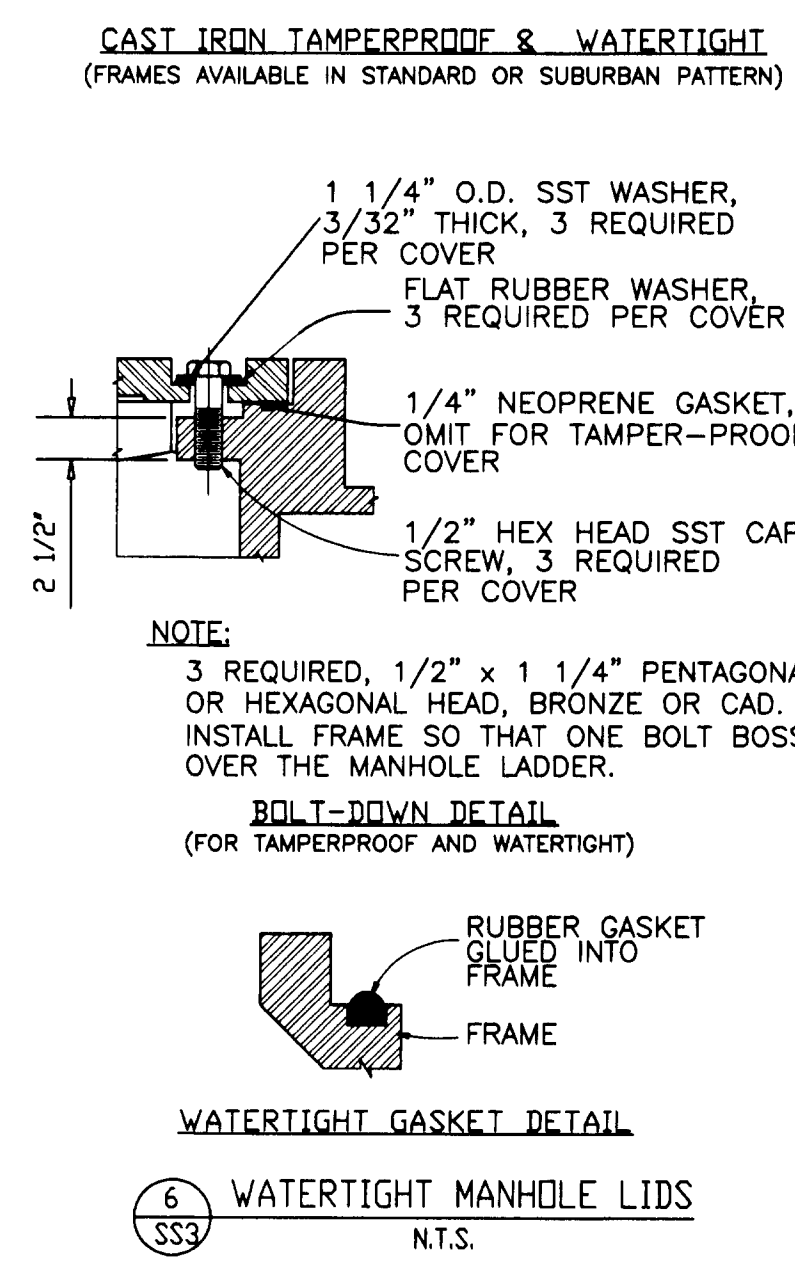
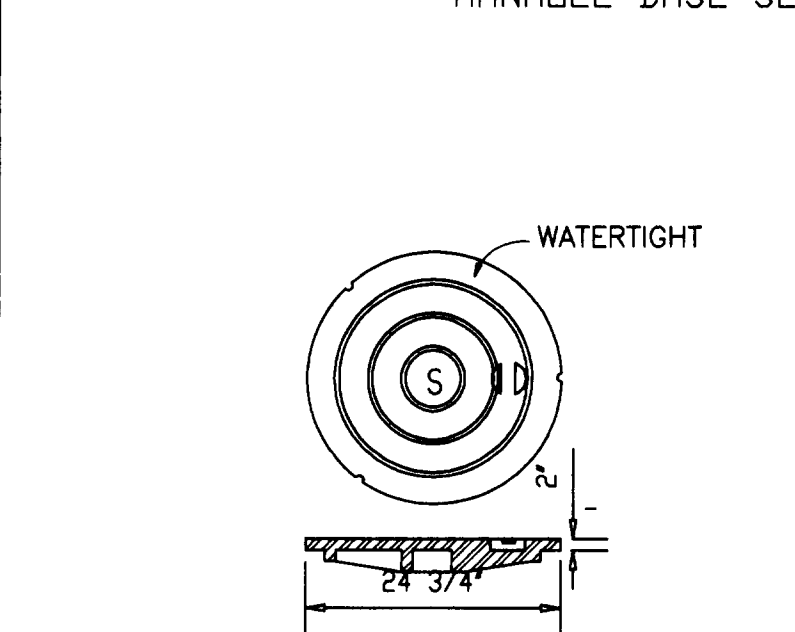
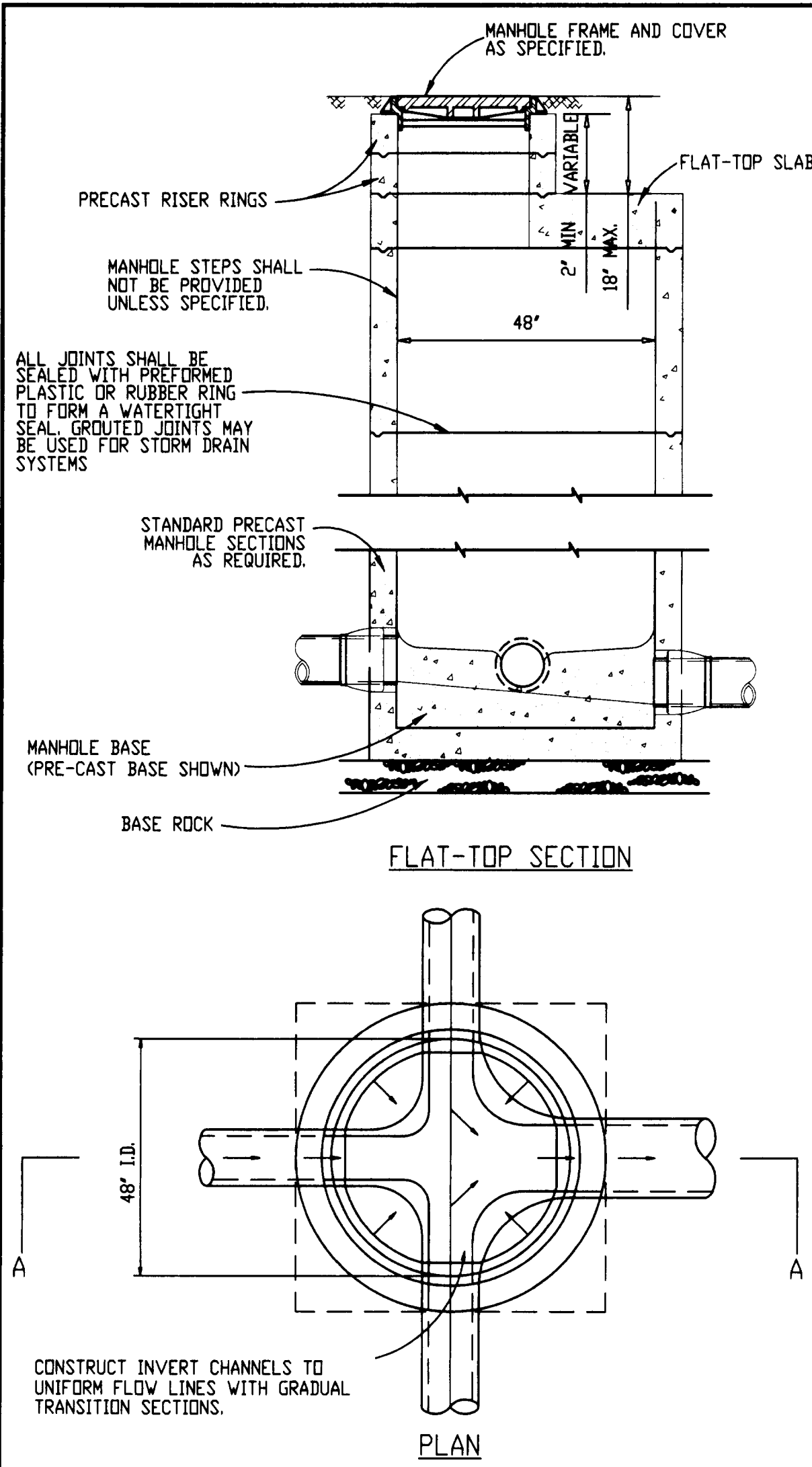




FILED

Date: 7-27-1998 By: [Signature]

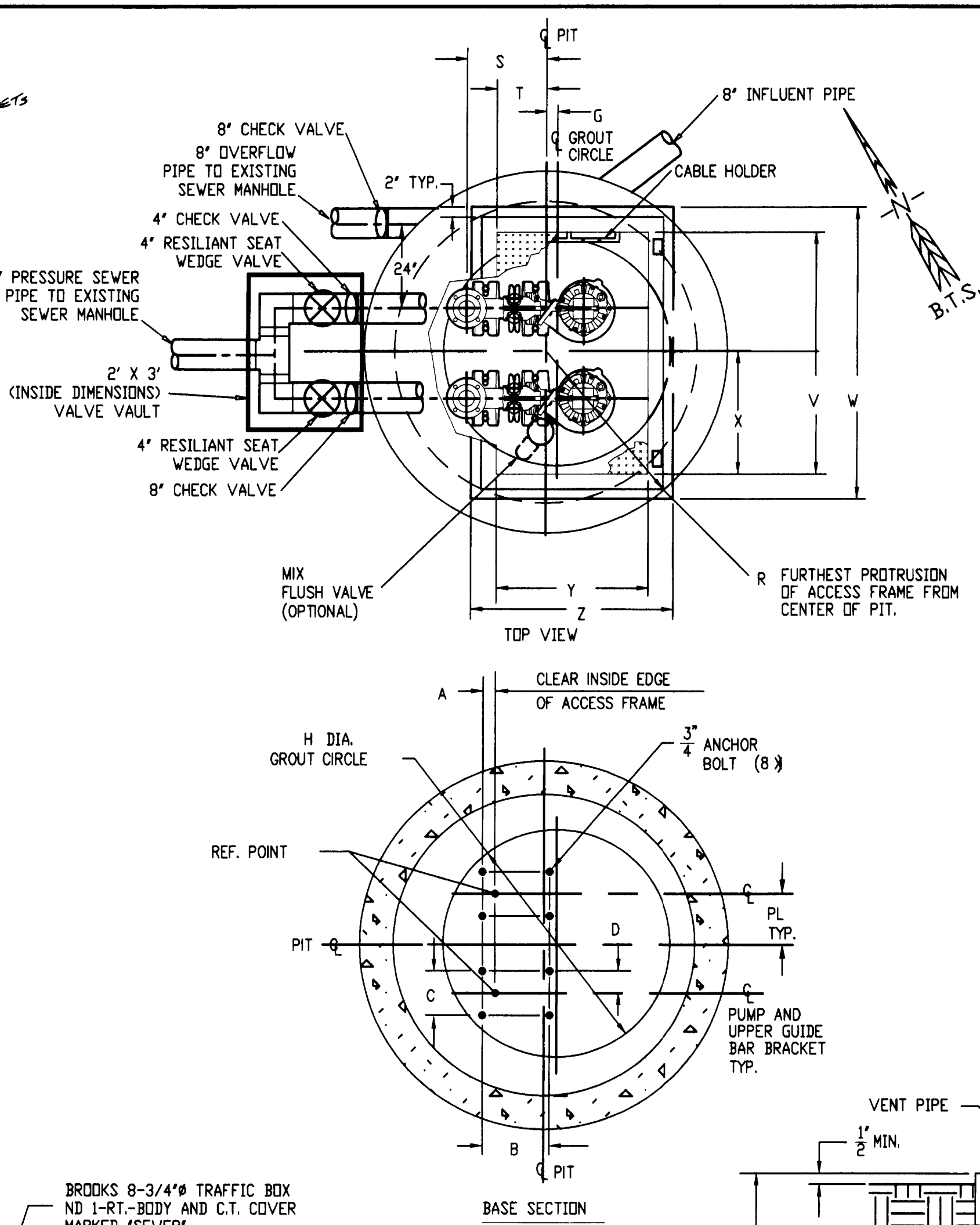
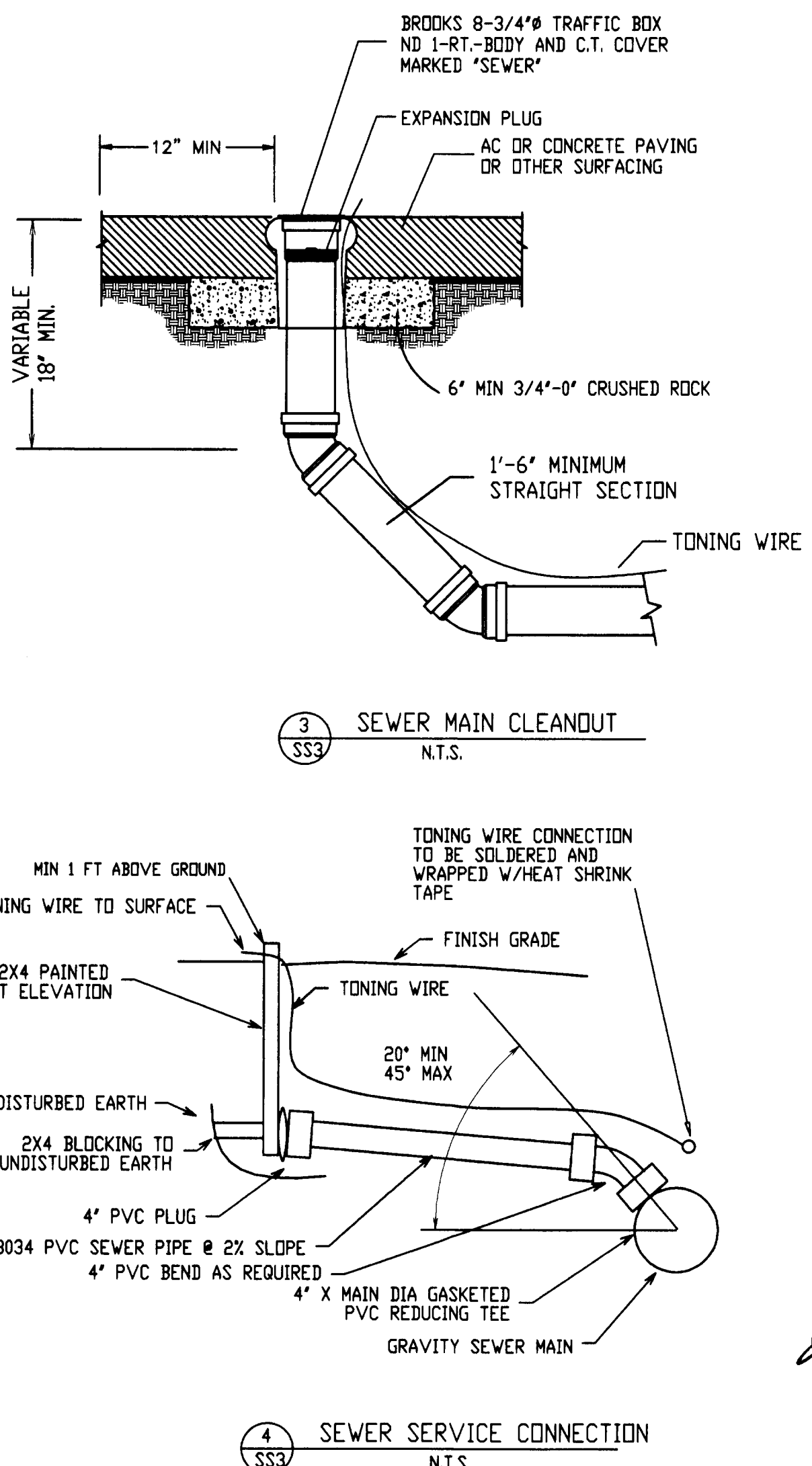
This survey consists of: 13 SHEETS

Map: _____

Narrative: _____

Corner Rpt: _____

DOUGLAS COUNTY SURVEYOR



ALL DIMENSIONS IN INCHES

DIMENSIONAL CHART																								
NOM. SIZE	VERSION	STATION														COVER								
		A	B	C	D	F	G	H	R	S	T	ID	CV	M	W	P	L	SIZE			V	W	X	Y
4"	MT	2 1/2	9 1/2	7 1/2	3 1/2	15 1/2	1	45	36	16 1/2	10	60	11 1/2	12	9	FAPS-34 x 49			48	59	24	30	44	3

REGISTERED PROFESSIONAL ENGINEER

DAVID G. PHILLIPS

EXPIRES 12/31/98

SEWAGE PUMP STATION DESIGN DATA

PROPOSED OWNER: GREEN SANITARY DISTRICT

PUMP STATION PUMPS

TYPE: FLYGT - CP3085.182 - MT OR APPROVED EQUAL BY ENGINEER

PUMP TYPE: SUBMERSIBLE DUPLEX SELF PRIMING

POWER SUPPLY: 3 HP, NON-CLOG

CAPACITY: 240/60/3 PHASE SUPPLIED BY PACIFIC POWER. PACIFIC POWER'S OFFICE AND EQUIPMENT IS LOCATED LESS THAN 3 MILES AWAY FROM THE PROPOSED PUMP STATION

LEVEL CONTROL TYPE: PUMPS SHALL PUMP 150 GPM @ A MAXIMUM OF 17' OF DYNAMIC HEAD

CONTROL PANEL: 4X DUPLEX

BRIARWOOD AVERAGE FLOW: THE CONTROL PANEL SHALL HAVE A 240V RECEPTACLE FOR A 6KW GENERATOR. THE GENERATOR SHALL BE NECESSARY FOR THE FUTURE DEVELOPMENT BEYOND BRIARWOOD SUBDIVISION.

AVERAGE FUTURE FLOW: 6.3 GALLONS PER MINUTE

EPA RELIABILITY CLASS: 17.5 GALLONS PER MINUTE

OVERFLOW POINT: CLASS III

OVERFLOW DISCHARGE: EXISTING MANHOLE AT THE INTERSECTION OF KERMANSHAW & TANNHAUSER

AVERAGE OVERFLOW TIME: THE OVERFLOW CAN FLOW THE SAME EXISTING MANHOLE THAT THE LIFT STATION PUMPS INTO. THE SEWER WILL BACK UP INTO THE BRIARWOOD SUBDIVISION SEWER SYSTEM THEN OVERFLOW INTO THE EXISTING MANHOLE BY GRAVITY.

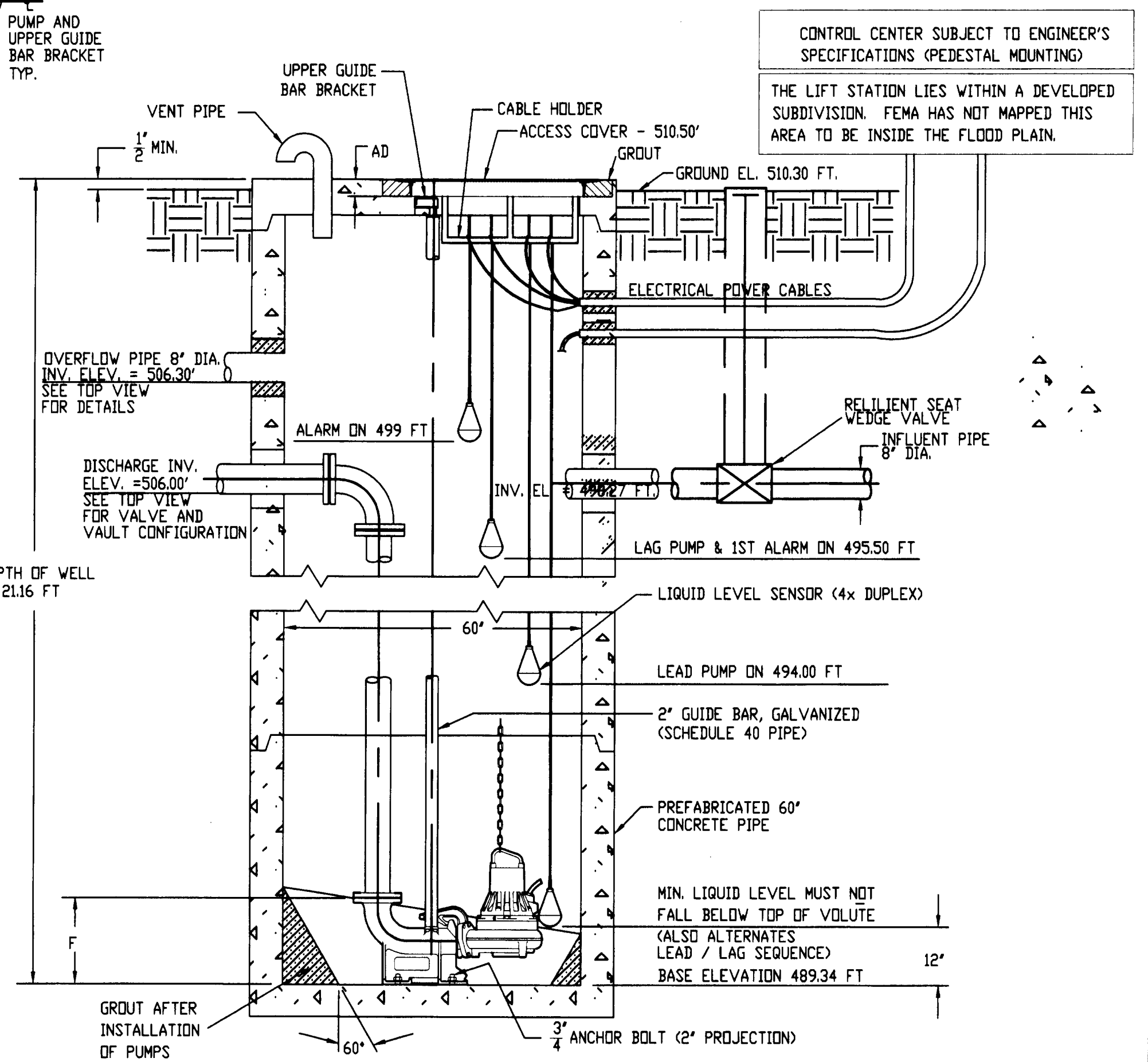
ALARM TELEMETRY TYPE: THE AVERAGE TIME OF OVERFLOW @ FULL DEVELOPMENT OF BRIARWOOD SUBDIVISION IS 14 HOURS & 30 MINUTES. THE AVERAGE TIME OF OVERFLOW @ FULL FUTURE DEVELOPMENT IS 5 HOURS & 10 MINUTES.

FORCE MAIN LENGTH, TYPE: AUTODIALER

PROFILE: 136 FEET OF 4" PIPE COMPLYING WITH ASTM D 2241, ASTM D 1784 AND HAVE A WORKING PRESSURE RATING OF 200 PSI.

DISCHARGE MANHOLE: THE PRESSURE LINE SHALL BE LAID AT A LEVEL GRADE FROM THE PUMP STATION TO THE EXISTING MANHOLE

THE DISCHARGE MANHOLE IS AN EXISTING SEWER MANHOLE LOCATED ON THE INTERSECTION OF KERMANSHAW ST. AND TANNHAUSER AVE.



PROJECT:	BRIARWOOD SUBDIVISION	DATE:	JULY 27, 1998
DEVELOPER:	BEACON DEVELOPMENT	REV. 1:	AUGUST 25, 1998
SHEET TITLE:	SEWER DETAILS	REV. 2:	OCT. 1, 1998
		REV. 3:	OCT. 26, 1998
BTS ENGINEERING & SURVEYING, INC.		JOB #:	97-131
431 S.E. MAIN ST., ROSEBURG, OR 97470		SHEET	SS3 OF 3
PHONE (541) 673-0966 FAX (541) 673-0105			