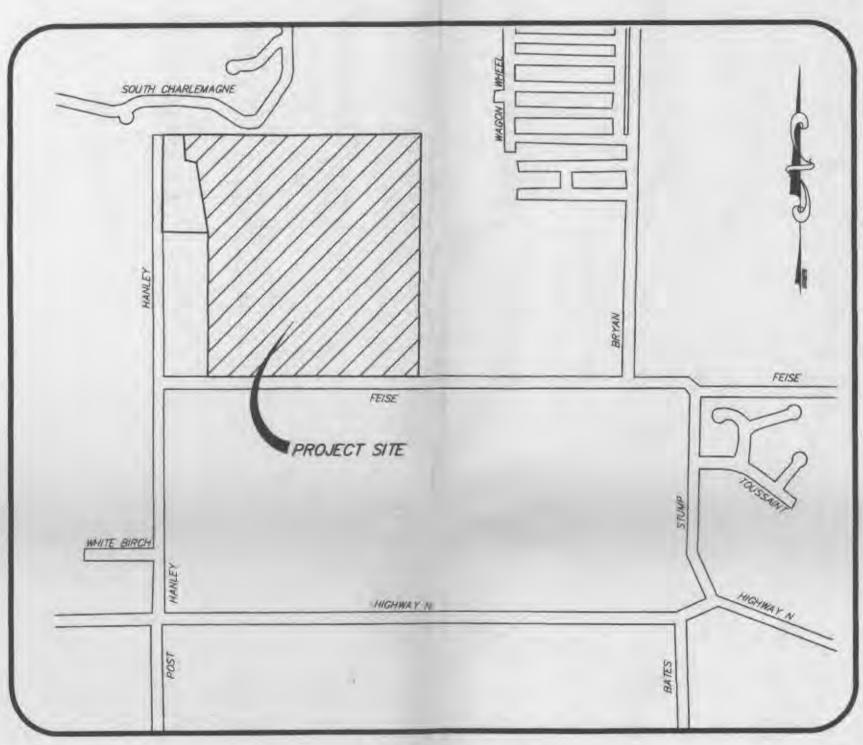
Village at Bainbridge Lift Station Plans

A TRACT OF LAND BEING IN U.S. SURVEY 1669, TOWNSHIP 46 NORTH, RANGE 3 EAST, ST. CHARLES COUNTY, MISSOURI



LOCATION MAP

UTILITY CONTACTS

1-800-DIG-RITE

Wentzville Fire Protection District
636-327-6239

East Central Missouri Sewer District
636-561-3737

St. Charles Gas Company
636-946-8937

GTE Telephone Company 636-332-7623 Culvre River Electric Company 636-441-7410

	LEGEND	
EXISTING	Septiment.	PROPOSED
542	CONTOURS	(542)
× 536	SPOT ELEVATIONS	x (536)
	CENTER LINE	
	BUILDINGS, ETC.	
	TREE LINE	~~~
	FENCE	- * * * -
	Authorities and the second	
-	SANITARY SEWERS	
(CI)—U======	CURB INLET	(CI) =
======(A)	AREA INLET	- (A)
====-(MH)	STORM MANHOLE	— — (MH)
—————(MH)	SANITARY MANHOLE	- MH
(FE)	FLARED END SECTION	(FE)
TO PP	UTILITY OR POWER POLE	• рр
TO FH	FIRE HYDRANT	FH
	PAVEMENT	
2°G	GAS MAIN & SIZE	2*G
6*W	WATER MAIN & SIZE	
- T -	TELEPHONE	— 1 —
E(U) 1	ELECTRIC (U) UNDERGROUND	E(U)
E(Q)	ELECTRIC (O) OVERHEAD	E(0)
E	FLOW LINE	E
	TO BE REMOVED	TBR
TC	TOP OF CURB	(TC)
	SWALE	
0	LIGHT STANDARD	×
4	and the first more than	e.
	STREET SIGN	2/5

INDEX OF SHEETS

COVER SHEET
FORCE MAIN
LIFT STATION

1
3

BENCHMARKS

U.S.G.S.

RM45 - 526.16 - CHISELED SQUARE ON THE SOUTHEAST WINGWALL OF THE LAKE SAINT LOUIS BOULEVARD BRIDGE OVER THE SPILLWAY OF LAKE SAINT LOUIS.

600.88 - MALINIMUELLER ON THE FIRE HYDRANT NEXT TO 1799 HANLEY ROAD. (USGS DATUM)

THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMO

19, L.L.C.
VER ROAD
1 63129

J.M.B. Land Compan 5091 NEW BAUMGARTINI ST. LOUIS, MISSOURI (314) 487-6717

THE ENGINEERS & SURVEYORS 5055 NEW BAUMGARTNER ROAD ST. LOUIS, MISSOURI 63129

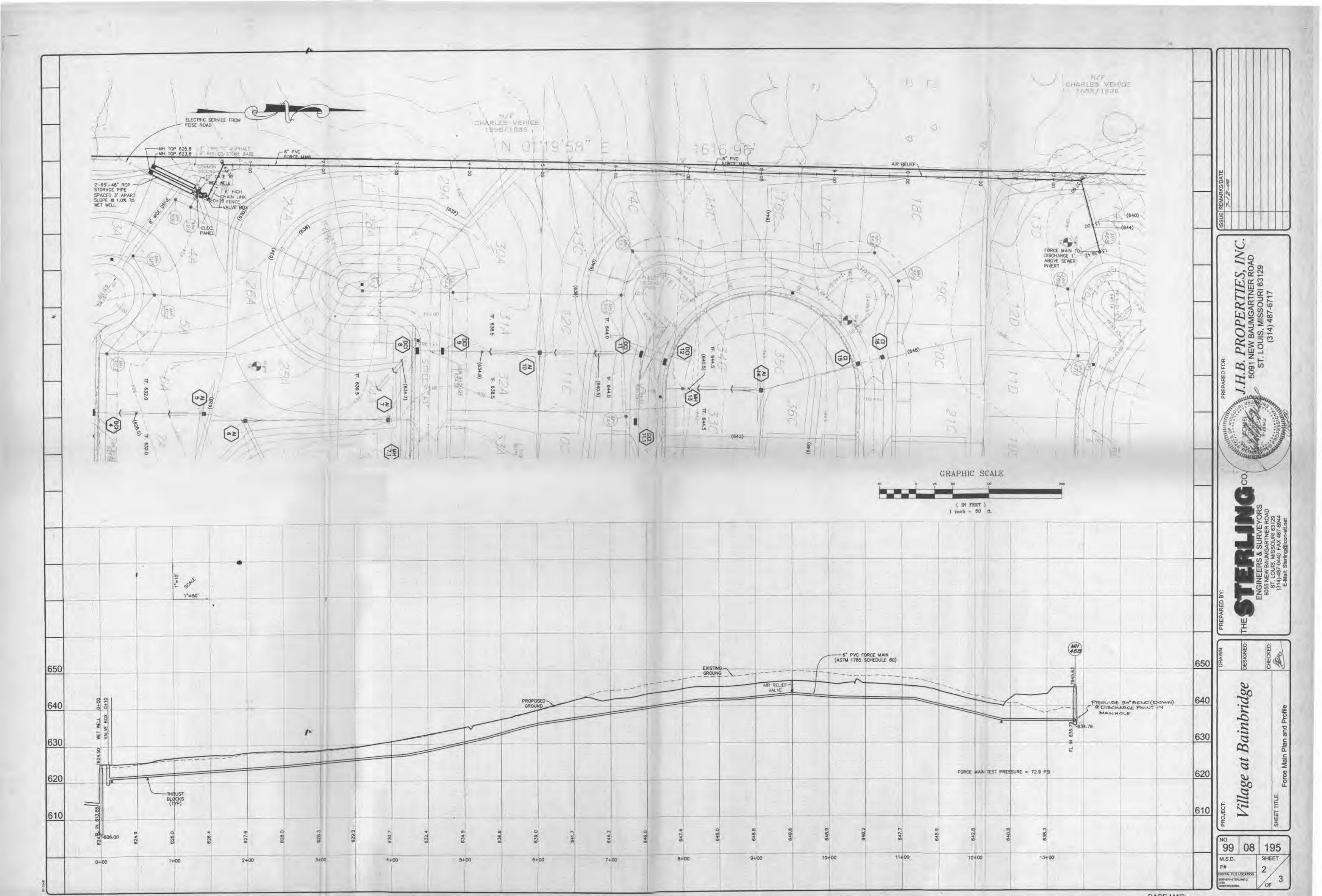
Village at Bainbridge DESIG

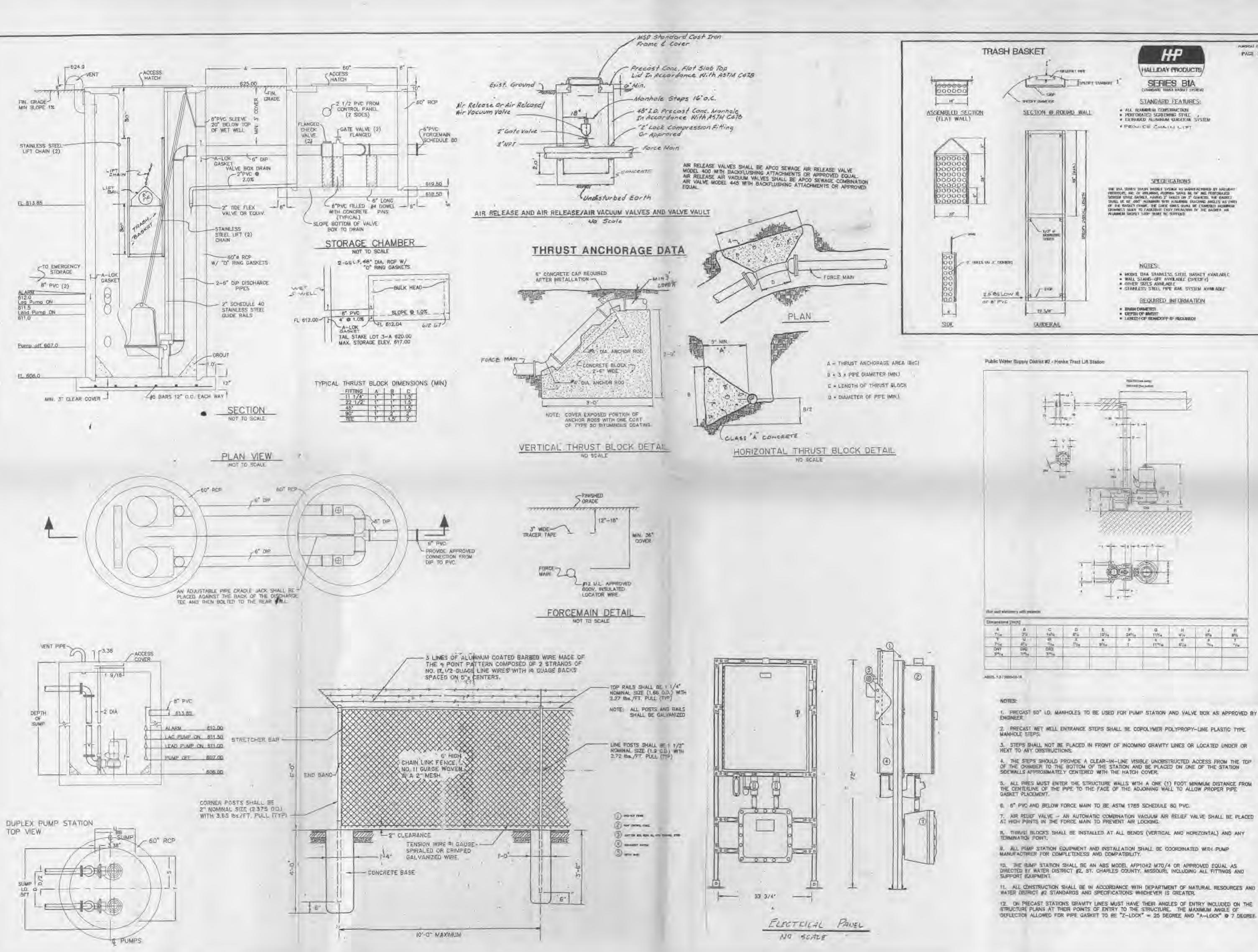
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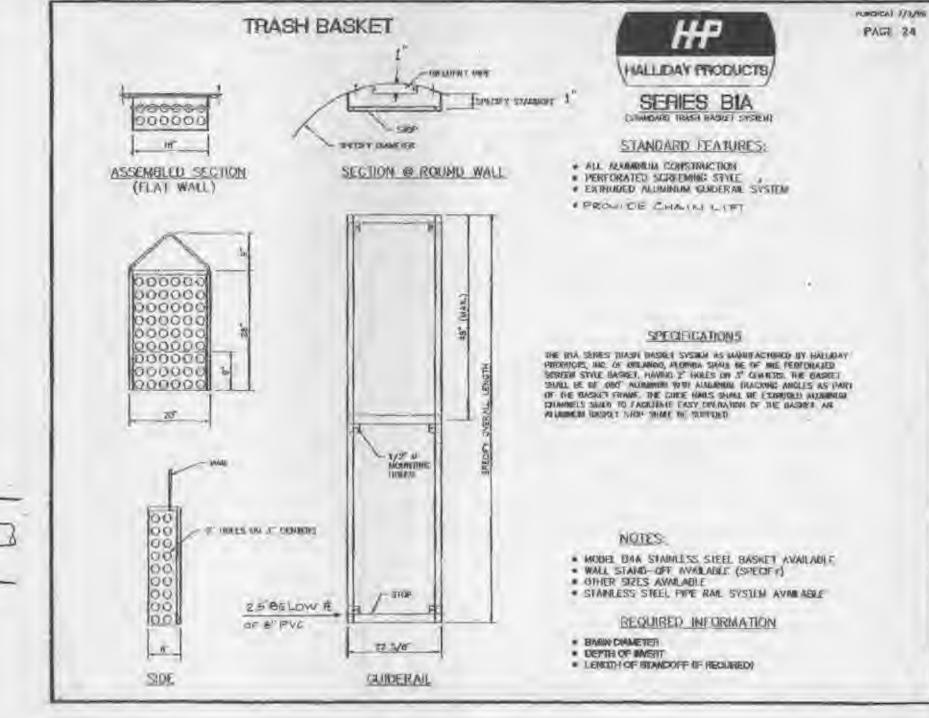
M.S.D. SHEET

P#

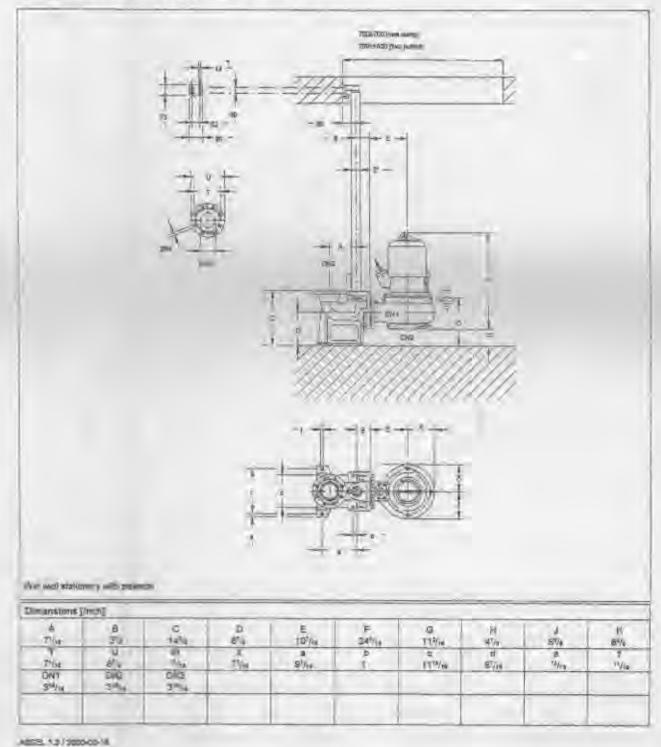
IGITAL FILE LOCATION 1











1. FRECAST 50" LD. MANHOLES TO BE USED FOR PUMP STATION AND VALVE BOX AS APPROVED BY

2. PRECAST WET WELL ENTRANCE STEPS SHALL BE COPOLYMER POLYPROPY-LINE PLASTIC TYPE MANHOLE STEPS 5. STEPS SHALL NOT BE PLACED IN FRONT OF INCOMING CRAVITY LINES OR LOCATED UNDER OR

MEXT TO ANY DESTRUCTIONS. 4. THE STEPS SHOULD PROVIDE A CLEAR-IN-LINE VISIBLE UNDESTRUCTED ACCESS FROM THE TOP OF THE CHAMBER TO THE BOTTOM OF THE STATION AND BE PLACED ON ONE OF THE STATION

SIDEWALLS APPROXIMATELY CENTERED WITH THE HATCH COVER. 5. ALL PIPES MUST ENTER THE STRUCTURE WALLS WITH A ONE (1) FOOT MINIMUM DISTANCE FROM THE CENTERLINE OF THE PIPE TO THE FACE OF THE ADJOINING WALL TO ALLOW PROPER PIPE

6. 6" PVC AND BELOW FORCE MAIN TO BE ASTM 1785 SCHEDULE 80 PVC.

7. AIR RELIEF VALVE - AN AUTOMATIC COMBINATION VACUUM AIR RELIEF VALVE SHALL BE PLACED AT HIGH POINTS IN THE FORCE MAIN TO PREVENT AIR LOCKING.

IL TIRUS BLOCKS SHALL BE INSTALLED AT ALL BENDS (VERTICAL AND HORIZONTAL) AND ANY TERMINATION POINT.

R. ALL PLMP STATION EQUIPMENT AND INSTALLATION SHALL BE COORDINATED WITH PUMP

MANUFACTURER FOR COMPLETENESS AND COMPATIBILITY.

THE PLIMP STATION SHALL BE AN ABS MODEL AFP1042 M70/4 OR APPROVED EQUAL AS DIRECTED BY WATER DISTRICT #2, ST. CHARLES COUNTY, MISSOURI, INCLUDING ALL FITTINGS AND

WATER DISTRICT #2 STANDARDS AND SPECIFICATIONS WHICHEVER IS GREATER. 12. BY PRECAST STATIONS GRAVITY LINES MUST HAVE THEIR ANGLES OF ENTRY INCLUDED ON THE EMUCTURE PLANS AT THEIR POINTS OF ENTRY TO THE STRUCTURE. THE MAXIMUM ANGLE OF SHEET

99 08

ainbridge

Company, L.
NINGARTNER ROA
MISSOURI 63129
4) 487-6717