

# HARBOR SPRINGS PUMP STATION 4 REROUTE AND ABANDONMENT

FOR

## HARBOR SPRINGS AREA SEWAGE DISPOSAL AUTHORITY LITTLE TRAVERSE TOWNSHIP, EMMET COUNTY, MICHIGAN



PROJECT LOCATION

VICINITY MAP  
NOT TO SCALE

### OWNER

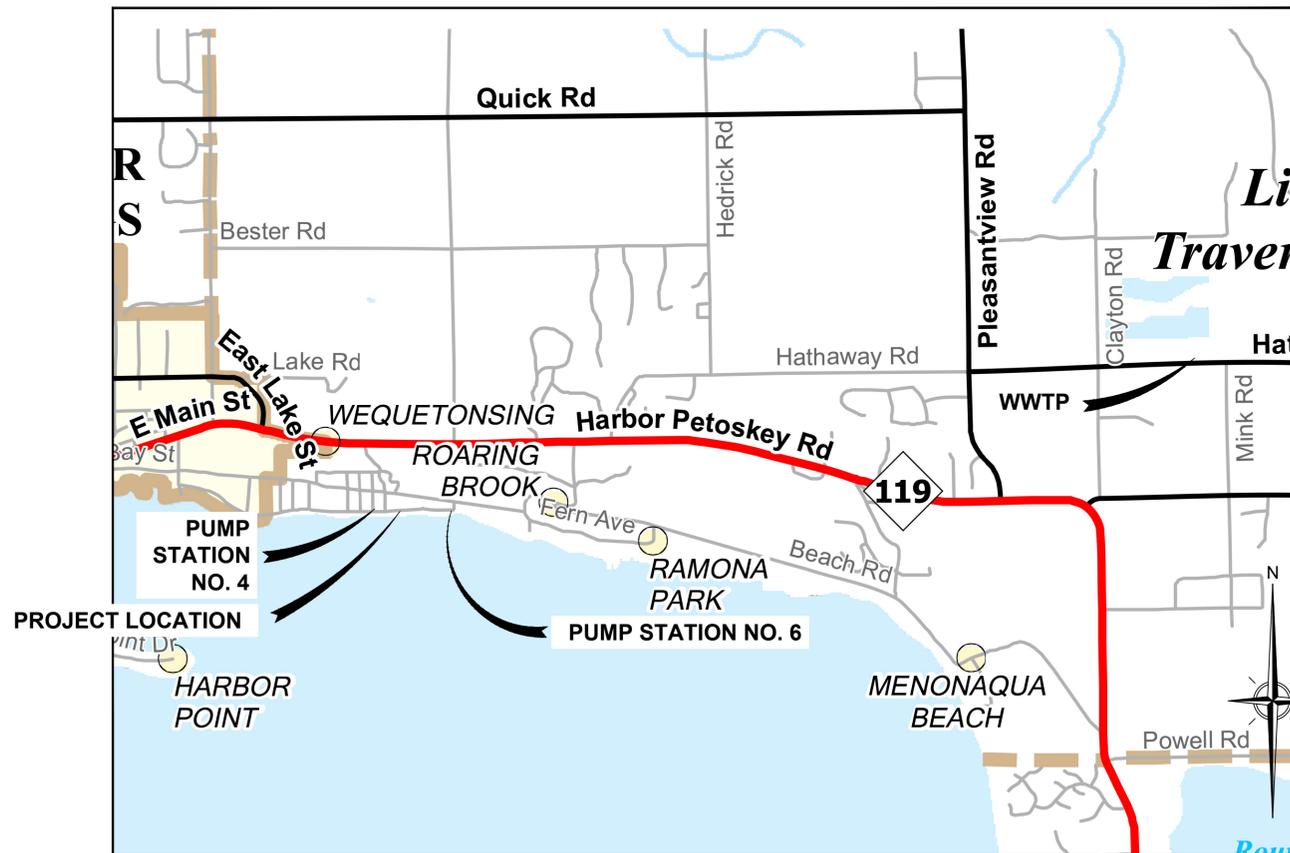
HARBOR SPRINGS AREA SEWAGE DISPOSAL AUTHORITY  
699 Hathaway Road  
Harbor Springs, Michigan, 49740  
231.526.6682

### ENGINEER

GOSLING CZUBAK ENGINEERING SCIENCES, INC.  
1280 BUSINESS PARK DRIVE  
TRAVERSE CITY, MICHIGAN, 49686-8607  
231.946.9191 - 800.968.1062  
www.goslingczubak.com info@goslingczubak.com

### UTILITY CONTACTS

NAME OF OWNER	TYPE OF UTILITY
HARBOR SPRINGS AREA SEWAGE DISPOSAL AUTHORITY 709 E HATHAWAY RD HARBOR SPRINGS, MI 49740 231.373.2067 MARCUS EVANS	SEWER SYSTEM
DTE ENERGY 313.235.5111 CONTACT: BARBARA SAUNDERS	GAS
CONSUMER'S ENERGY 530 W WILLOW ST LANSING, MI 48906 517.374.2002 CONTACT: KURT GOLDING	ELECTRIC
CHARTER COMMUNICATIONS 1392 TRADE CENTRE DR TRAVERSE CITY, MI 49696 810.247.3899 CONTACT: PATRICK DELISI	CABLE TV
AT&T 54 N MILL ST, 4TH FLOOR PONTIAC, MI 48342 517.515.4794 CONTACT: HEATHER VALLEE-KNOBLAUCH	TELEPHONE
CENTURYLINK 203 W 9TH ST LORAIN, OH 44052 440.244.8415 CONTACT: BOBBY WALTERS	INTERNET
CHERRYLAND ELECTRIC COOP. 5930 US 31 S GRAWN, MI 49637 231.486.9239 CONTACT: JASON RICE	ELECTRIC



LOCATION MAP  
NOT TO SCALE

Sheet Number	Sheet Title
1	COVER
2	GENERAL NOTES
3	SANITARY SEWER PLAN AND PROFILE
4	DEMOLITION PLAN
5	DETAILS



Know what's below.  
Call before you dig.

HARBOR SPRINGS PUMP STATION 4 REROUTE AND ABANDON

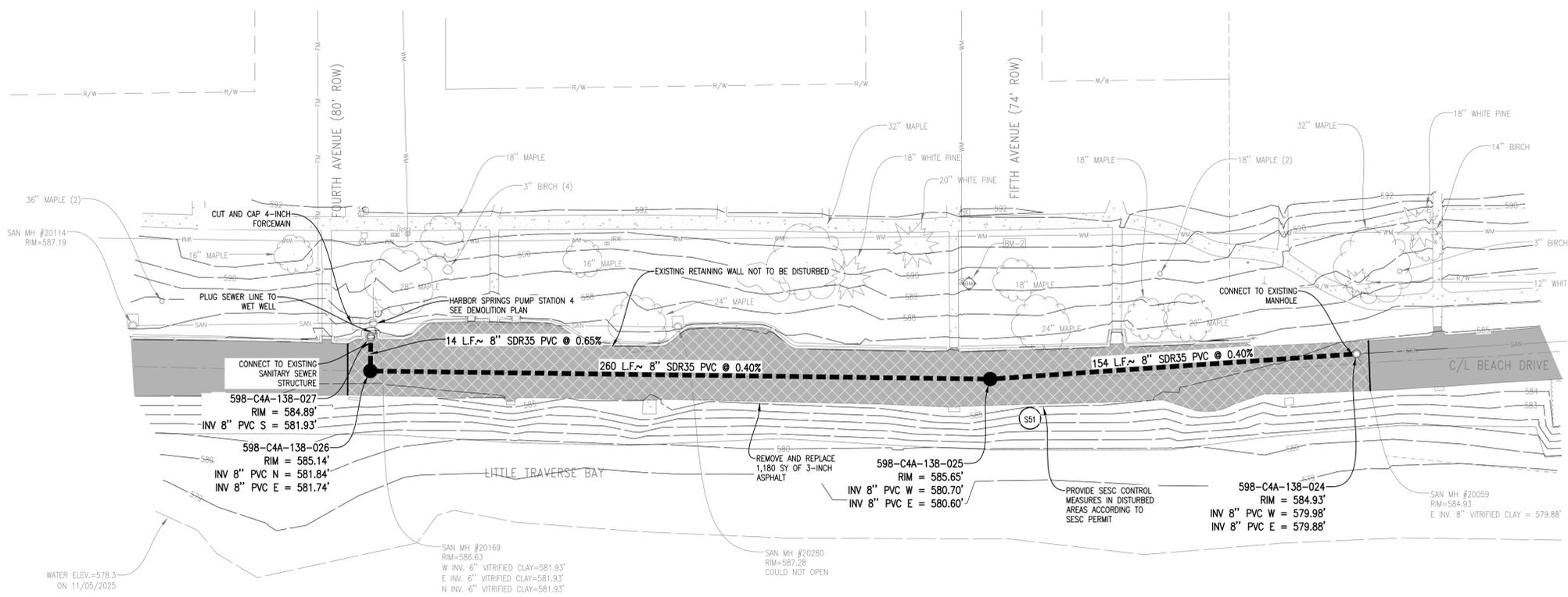
Issue Date  
12/17/2025

Project No.  
250340

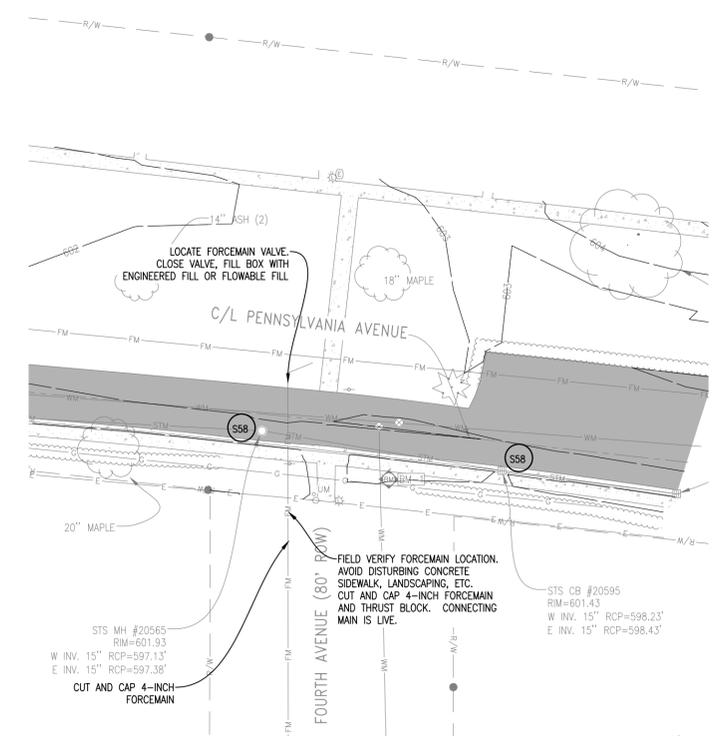
Sheet

1

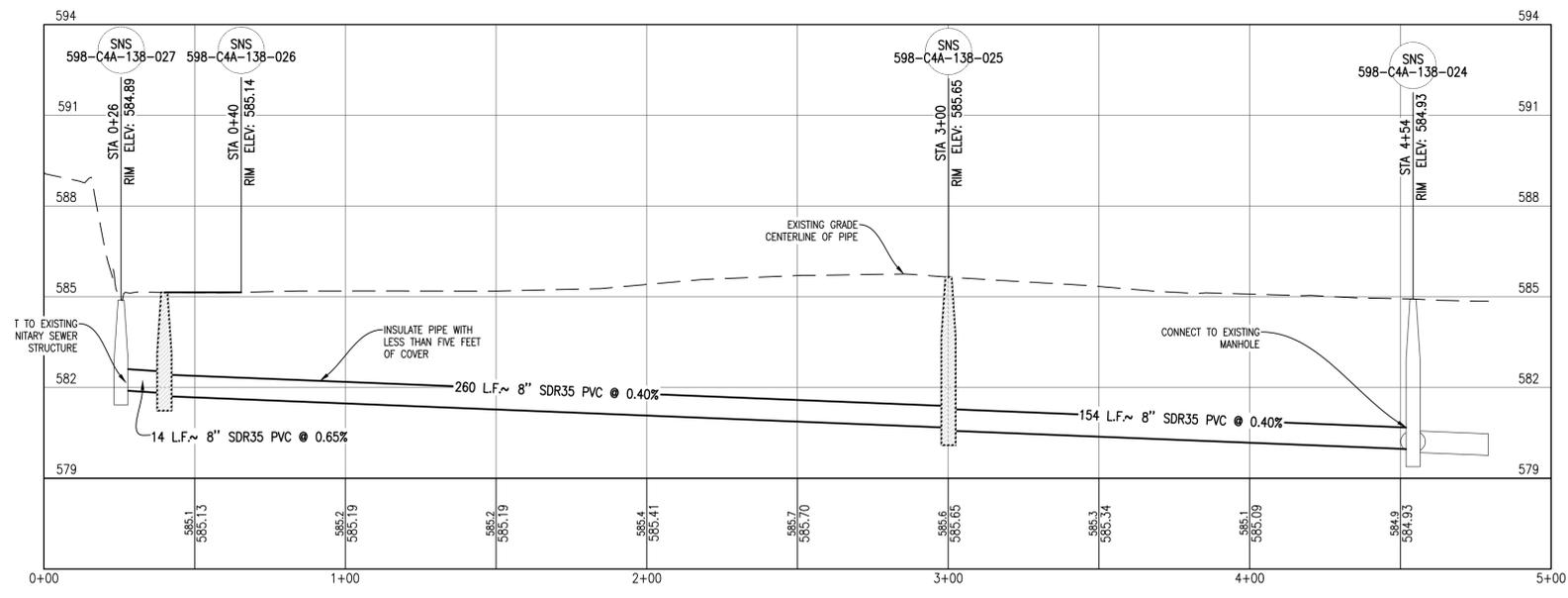




SCALE 1" = 30'  
**SANITARY SEWER PLAN**  
 1" = 30'



SCALE 1" = 30'  
**SANITARY FORCEMAIN ABANDON PLAN**  
 1" = 30'



**SANITARY SEWER PROFILE**  
 HORZ: 1" = 30'  
 VERT: 1" = 3'

No.	Date	Revision	By

**SANITARY SEWER PLAN AND PROFILE**  
**HARBOR SPRINGS PUMP STATION 4 ABANDON**  
**HARBOR SPRINGS AREA SEWAGE AUTHORITY**

Date Issued: 12/17/2025  
 Date Surveyed: NOVEMBER 2025  
 Designed By: TNK  
 Drawn By: TNK  
 Checked By: MJH  
 Scale: AS NOTED  
 Original sheet size is 22x34

Location: SECTION 18  
 T 35 N, R 5 W  
 LITTLE TRAVERSE TWP  
 EMMET COUNTY  
 MICHIGAN

Project Number: 250340

Sheet: 3



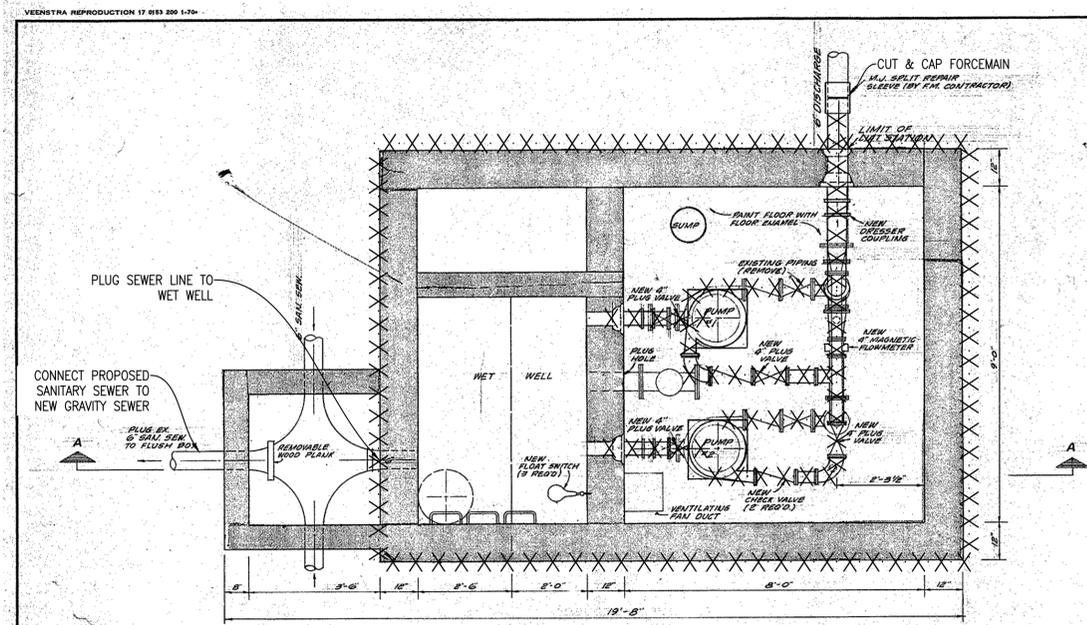
THE LOCATION OF THE EXISTING UTILITIES, AS SHOWN ON THIS PLAN, ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL LOCATION AND DEPTH OF ALL EXISTING UTILITIES. THE OWNER AND THE SURVEYOR SHALL NOT BE RESPONSIBLE FOR ANY OMISSION OR VARIATION FROM THE LOCATION SHOWN. THE CONTRACTOR SHALL NOTIFY "MISS DIG" AT 1 (800) 482-7171 OR 811 THREE (3) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

**PROPOSED FEATURES LEGEND**

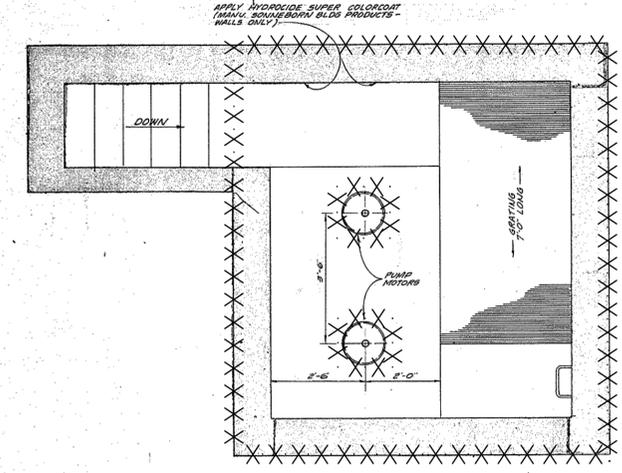
XXXXX PROPOSED DEMOLITION

**DEMOLITION NOTES**

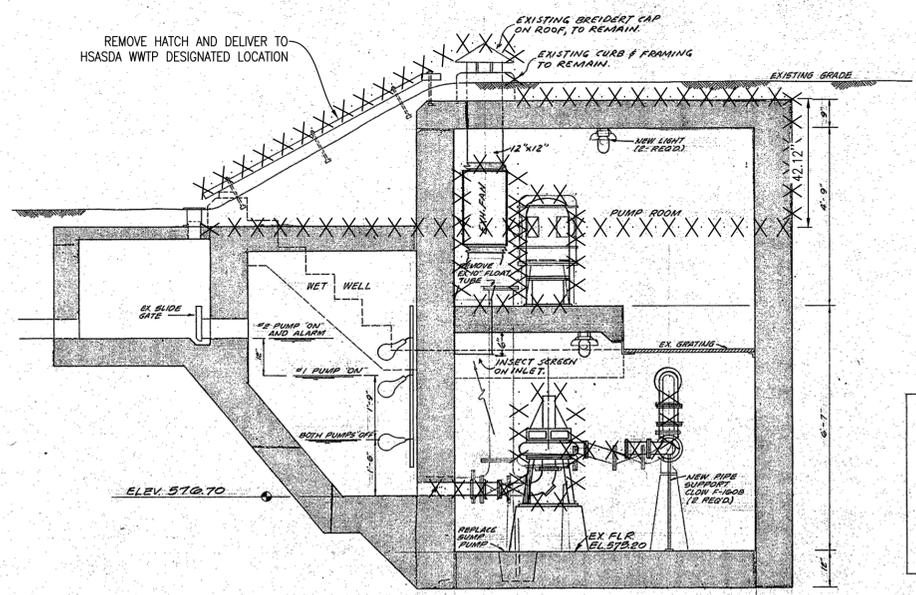
1. PUMP STATION TO REMAIN IN SERVICE UNTIL GRAVITY SEWER IS INSTALLED, TESTING COMPLETE, AND REROUTE OF FLOW SUCCESSFULLY COMPLETE.
2. THE HSASDA SHALL HAVE 48 HOURS (EXCLUDING WEEKENDS) TO REMOVE ANY ITEMS FROM THE STATION, PRIOR TO BEGINNING DEMOLITION.
3. COMPLETE CUT AND CAP OF FORCEMAIN AT PENNSYLVANIA AVE. BEFORE BEGINNING DEMOLITION OF THE PUMP STATION.
4. POWER TO BE DISCONNECTED AT SOURCE. COORDINATE WITH THE LOCAL POWER PROVIDER AND THE OWNER.
5. REMOVE EQUIPMENT AND PIPING FROM THE PUMP STATION AND DISPOSE OF BY APPROPRIATE MEANS.
6. REMOVE PUMP STATION CONCRETE ROOF AND WALLS AS SHOWN ON THE PLANS.
7. FILL STATION WITH ENGINEERED FILL COMPACTING IN 12-INCH LIFTS.
8. GRADE DISTURBED AREA TO MATCH SURROUNDING AREA, TOP SOIL AND SEED, AND PROVIDE MULCH BLANKET.



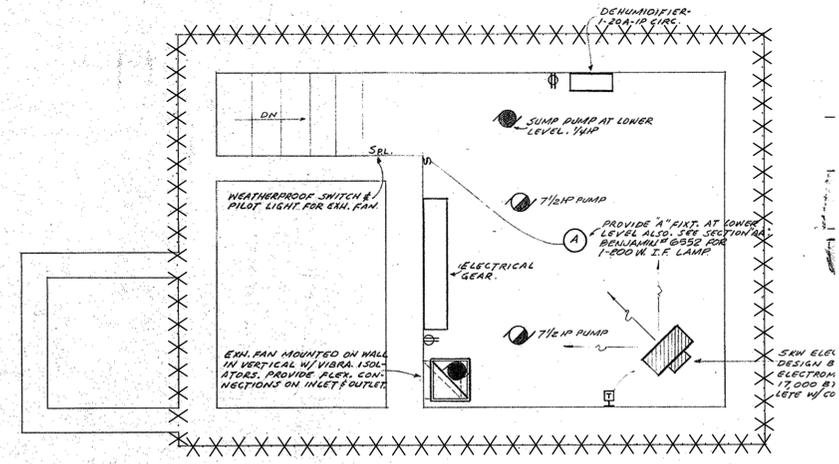
PLAN - PUMPING LEVEL



PLAN - LANDING LEVEL



SECTION - A-A



MECHANICAL & ELECTRICAL PLAN

No.	Date	Revision	By

**DEMOLITION PLAN**  
**HARBOR SPRINGS PUMP STATION 4 ABANDON**  
 HARBOR SPRINGS AREA SEWAGE AUTHORITY

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