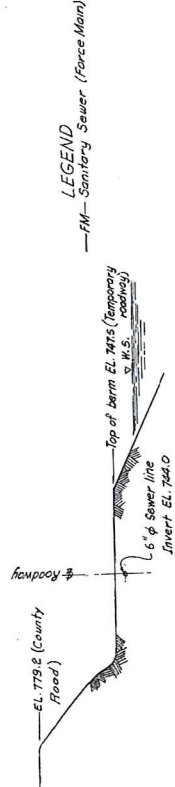
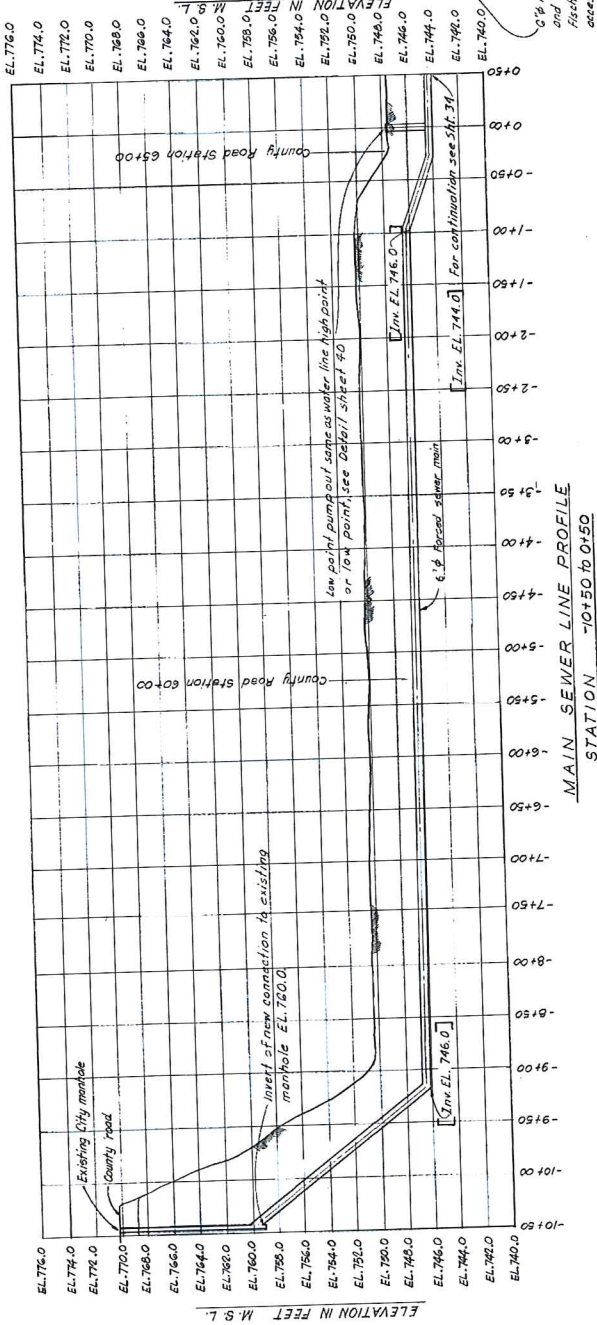
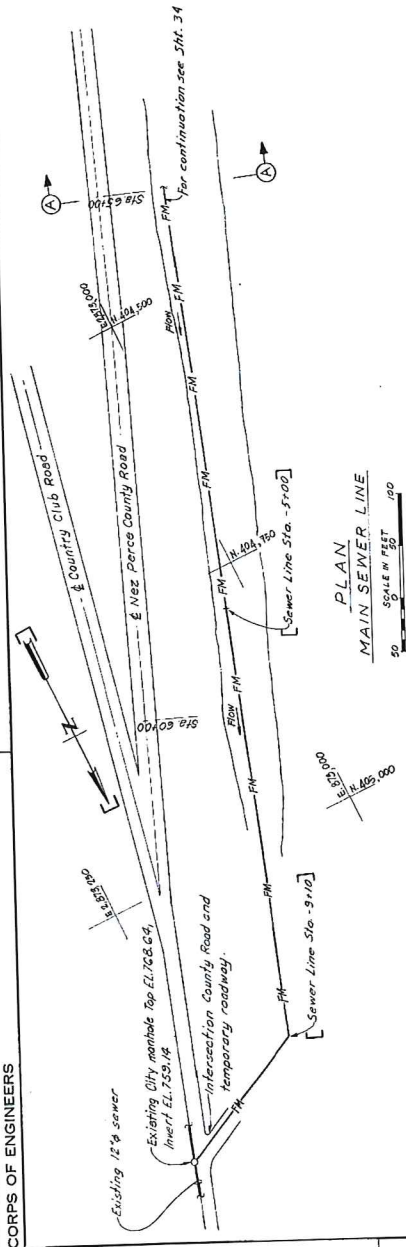


SAFETY PAYS

CORPS OF ENGINEERS

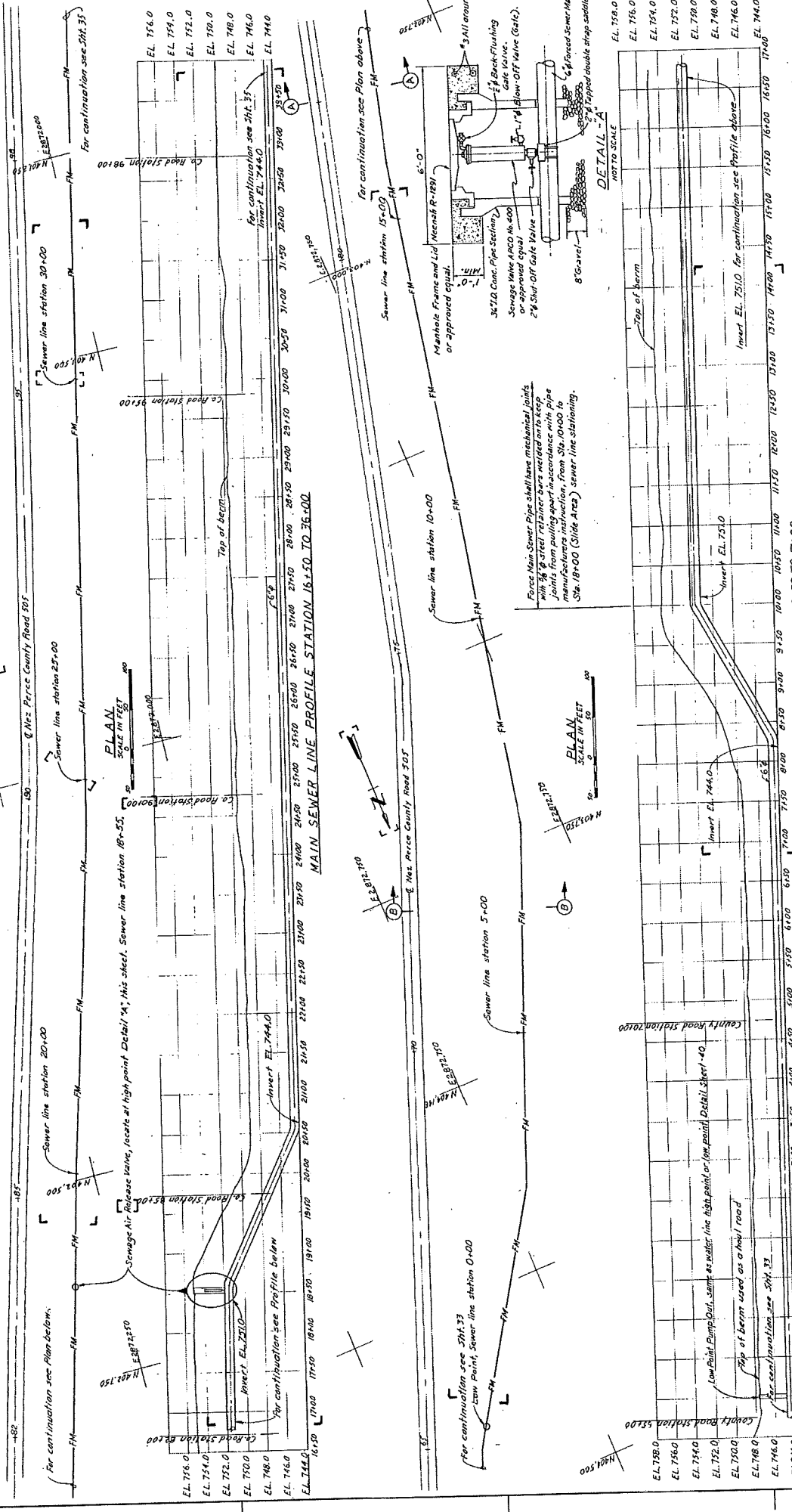


- ELECTRICAL NOTES:
- See sheet 35 for electrical distribution and details for pump station near park residence.
 - Route power and telephone conduits into pump station as required by field conditions.

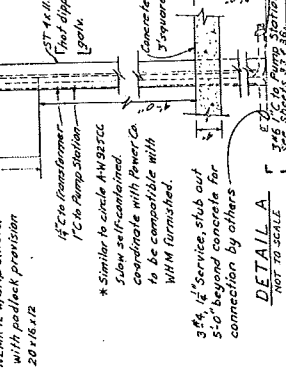
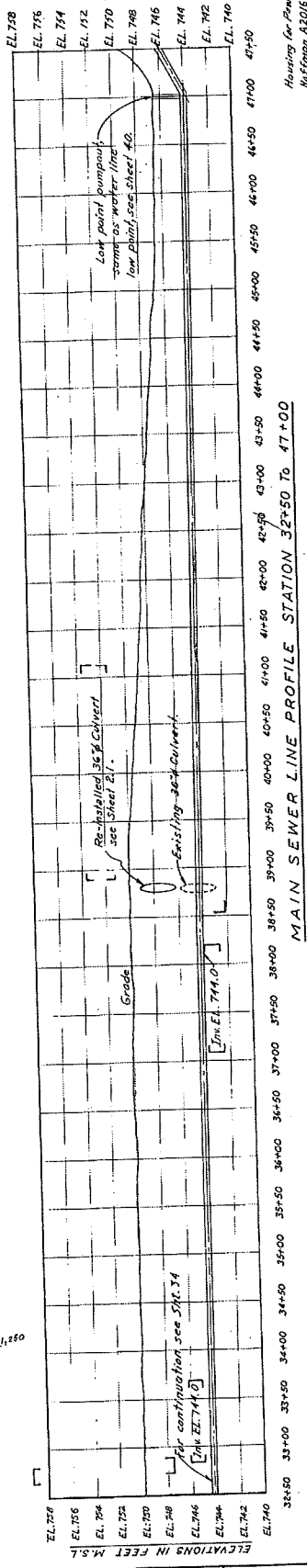
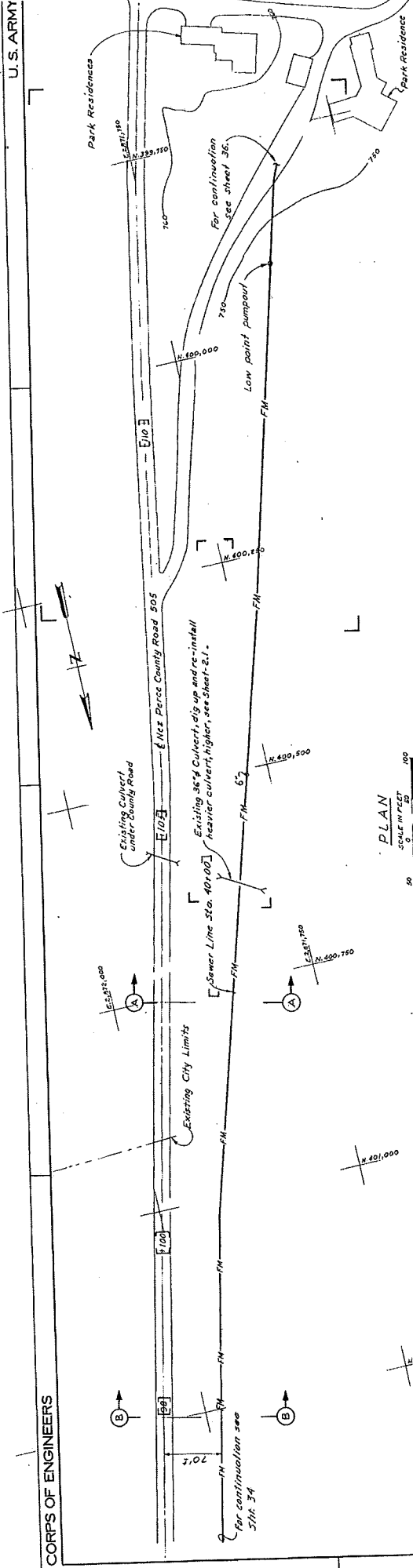
LEGEND

—FM— Sanitary Sewer (Force Main)

PROJECT	WALLA WALLA, WASHINGTON
DESIGNED BY	U. S. ARMY ENGINEER DISTRICT
DRAWN BY	WALLA WALLA, WASHINGTON
CHECKED BY	WALLA WALLA, WASHINGTON
APPROVED BY	WALLA WALLA, WASHINGTON
DATE	WALLA WALLA, WASHINGTON
SCALE	AS SHOWN
INCHES TO FEET	1" = 10'
FEET TO MILES	1" = 1/2 MI.
PROJECT NO.	6DG-10-10/141
VOL. NO.	33
CONT. NO.	6DG-10-10/141



U. S. ARMY ENGINEER DISTRICT WALLA WALLA, WASHINGTON	
LOWER GRANITE LOCK AND DAM HELLS GATE STATE RECREATION AREA SEWER LINE STA. 0+00 TO STA. 32+50 PLAN, PROFILE, AND SECTION	
DESIGNED BY J. H. B. B.	CHECKED BY J. H. B. B.
DATE JULY 22, 1953	SCALE AS SHOWN
VOL. NO. 76-O-138	
CONT. NO. 76-O-138	



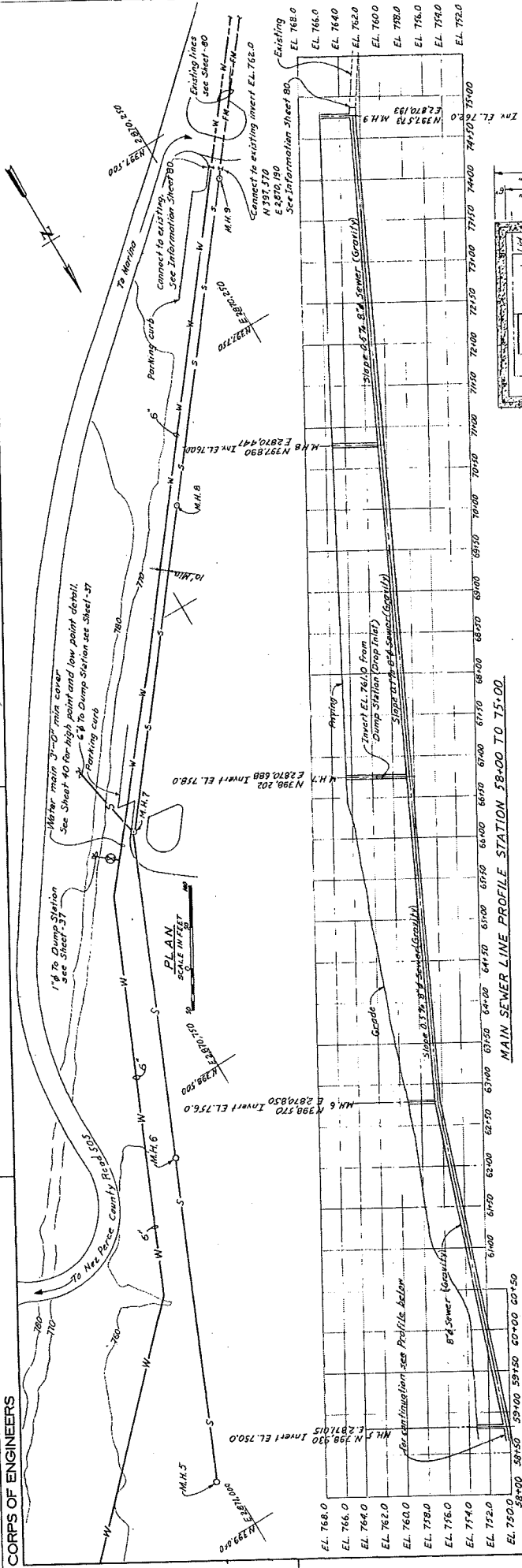
U. S. ARMY ENGINEER DISTRICT WALLA WALLA, WASHINGTON	
DESIGNED BY	LOWER GRANITE LOCK AND DAM SHAWNEE, WASHINGTON, WASHINGTON & IDAHO
DRAWN BY	HELLS GATE STATE RECREATION AREA WATER AND SEWER LINE
CHECKED BY	SEWER LINE STA. 32+50 TO PARK RESIDENCE
APPROVED BY	PLAN, PROFILE AND SECTIONS
DATE	NOV. 24, 1962
SCALE AS SHOWN	NO. 100, 24, 6, 2
PROJECT NO.	606-10-10/143

SECTION B
(NEZ PERCE COUNTY ROAD 505)
STATION 38+00

SECTION A
(NEZ PERCE COUNTY ROAD 505)
STATION 103+00

NOTES:
1. All exposed ferrous surfaces not factory coated shall be painted System 1 Federal Standard No. 59-5, Color 61188

LEGEND
— FM — Sanitary Sewer (Force Main)
— WI — Domestic Water



Pressure reducing valve and meter box see Detail A this sheet (point of connection)

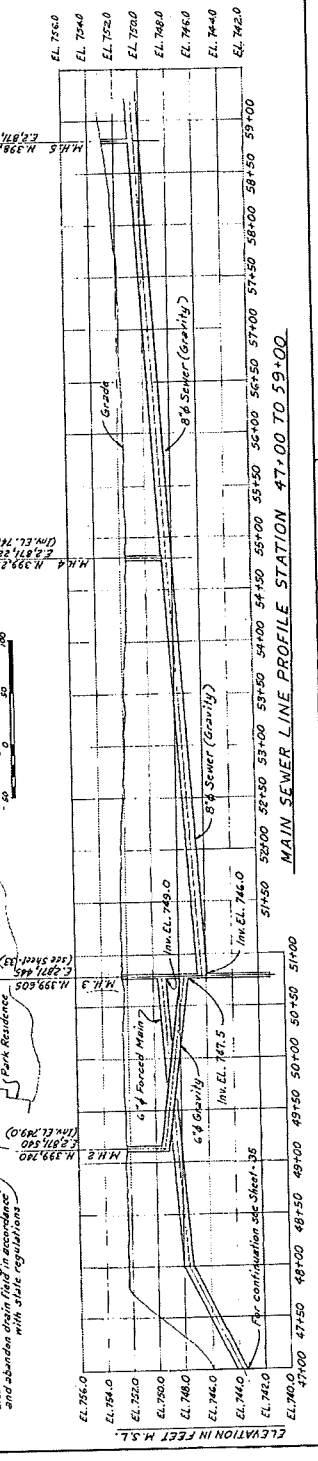
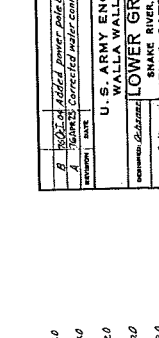
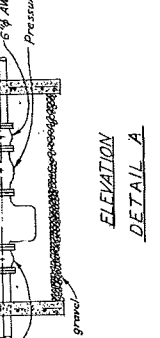
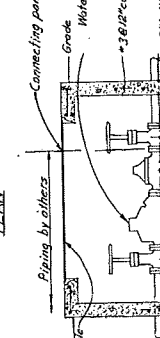
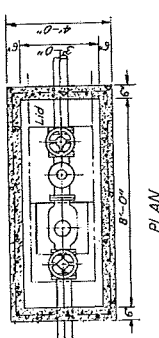
Connect to existing 4" sewer line @ EL 760.0 and install new surface cleanout pump out and fill existing septic tank (abandon drain field) in accordance with state regulations

Disconnect well pump and water supply piping & connect new 4" water supply downstream of the existing hydro pneumatic tank in accordance with state regulations

For Continuation see Sheet 35

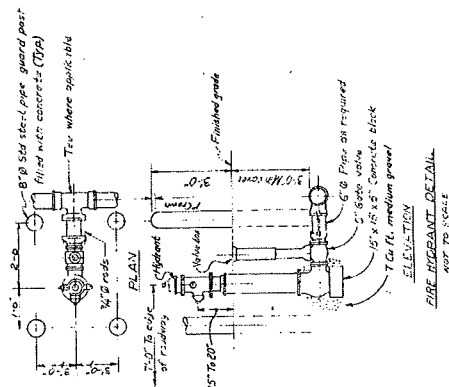
Connect to existing 4" sewer line @ EL 742.0 and install new surface cleanout and fill existing septic tank in accordance with state regulations

MAIN SEWER LINE PROFILE STATION 58+00 TO 75+00

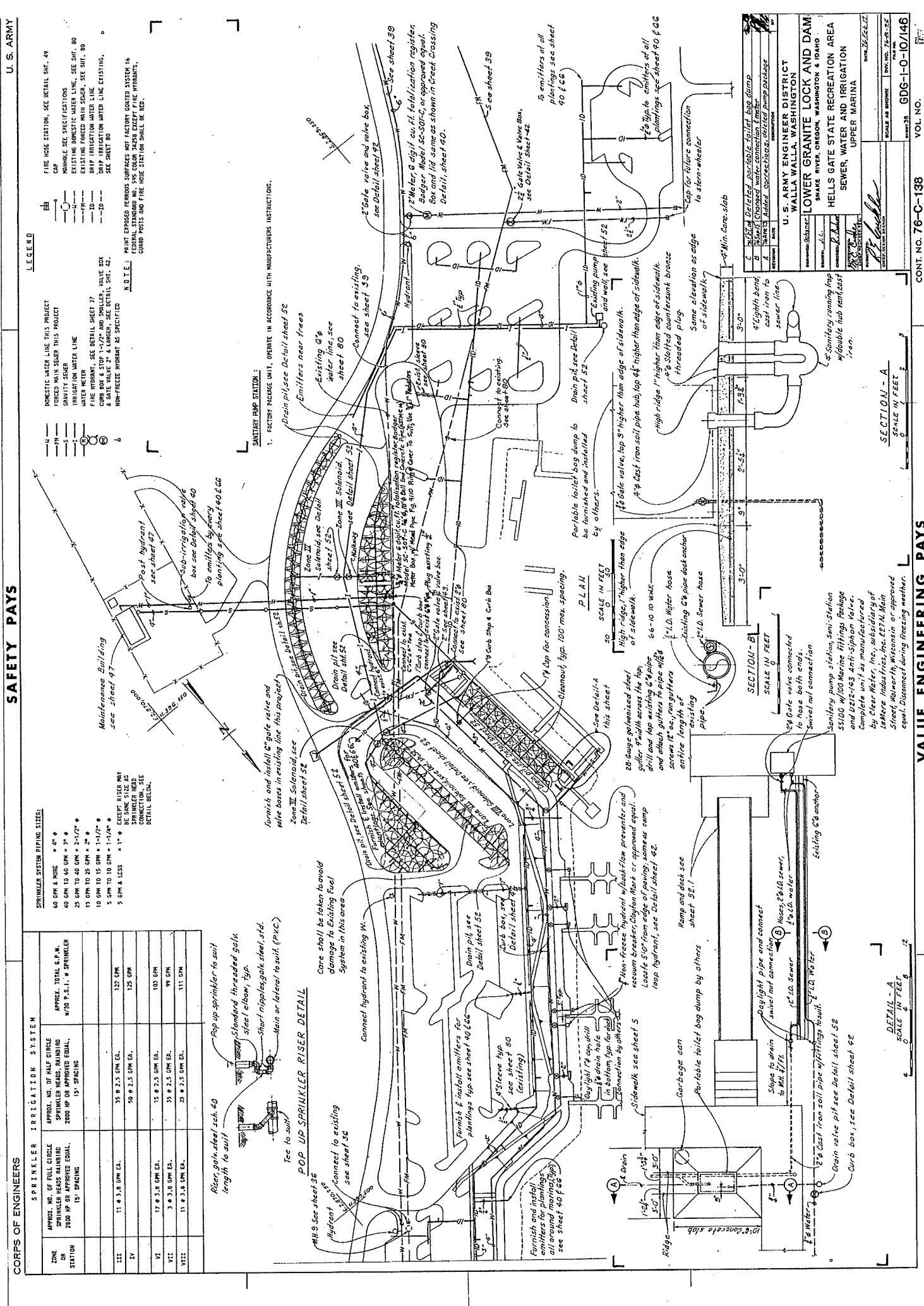


MAIN SEWER LINE PROFILE STATION 75+00 TO 99+00

U. S. ARMY ENGINEER DISTRICT WALLA WALLA, WASHINGTON	
SNAKE RIVER, OREGON, WASHINGTON, & IDAHO	
HELLS GATE STATE RECREATION AREA	
WATER AND SEWER LINE	
PARK RESIDENCES TO MARINA	
PLANS AND PROFILES	
DATE: 12/26/77	BY: [Signature]
SCALE: AS SHOWN	PROJECT NO: 75-2-55
VOL. NO. 1	
CONT. NO. 76-C-138	
GDG-I-O-10/144	



1	Added sewer dump station.	DATE	12/1
2		DATE	
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99		DATE	
100		DATE	



LEGEND

DOMESTIC WATER LINE THIS PROJECT

FORCED MAIN SEWER THIS PROJECT

IRRIGATION WATER LINE

WATER METER

FIRE HYDRANT, SEE DETAIL SHEET 37

WATER VALVE, SEE DETAIL SHEET 42

DATE VALVE 2" & LARGER, SEE DETAIL SHEET 42.

NON-FREEZE HYDRANT AS SPECIFIED

FIRE HOSE STATION, SEE DETAIL SHEET 49

CAP

EXISTING DOMESTIC WATER LINE, SEE SHEET 80

EXISTING FORCED MAIN SEWER, SEE SHEET 80

EXISTING IRRIGATION WATER LINE

WATER VALVE, SEE DETAIL SHEET 42

DATE VALVE 2" & LARGER, SEE DETAIL SHEET 42.

NON-FREEZE HYDRANT AS SPECIFIED

NOTE:

FEDERAL STANDARD NO. 345 COLOR 345S EXCEPT FINE HYDRANTS, GARD POSTS AND FIRE HOSE STATION SHALL BE RED.

SANITARY PUMP STATION:

1. FACTORY PACKAGE UNIT, OPERATE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

DETAIL - A

SCALE IN FEET

0 1 2

DETAIL - B

SCALE IN FEET

0 1 2

DETAIL - C

SCALE IN FEET

0 1 2

SPRINKLER SYSTEM PIPING SIZES:

SPRINKLER SYSTEM PIPING SIZES:	SPRINKLER SYSTEM PIPING SIZES:
60 GPM & MORE	4"
40 GPM TO 60 GPM	3"
25 GPM TO 40 GPM	2-1/2"
15 GPM TO 25 GPM	2"
10 GPM TO 15 GPM	1-1/2"
5 GPM TO 10 GPM	1-1/4"
5 GPM & LESS	1"

SPRINKLER HEADS:

APPROX. TOTAL G.P.M. W/30 P.S.I. - SPRINKLER

2000 HP OR APPROVED EQUAL, 15' SPACING

ZONE OR STATION	APPROX. TOTAL G.P.M. W/30 P.S.I. - SPRINKLER	2000 HP OR APPROVED EQUAL, 15' SPACING
III	127 GPM	
IV	125 GPM	
VI	103 GPM	
VII	99 GPM	
VIII	111 GPM	

POP UP SPRINKLER RISER DETAIL

Core shall be taken to avoid damage to existing fuel system in this area

Connect hydrant to existing W.

Pop up sprinkler to suit length to suit

Standard threaded galk steel elbow, typ.

Short nipples galk steel, std.

Main or lateral to suit (PVC)

DETAIL - A

SCALE IN FEET

0 1 2

DETAIL - B

SCALE IN FEET

0 1 2

DETAIL - C

SCALE IN FEET

0 1 2

SECTION - A

SCALE IN FEET

0 1 2

SECTION - B

SCALE IN FEET

0 1 2

SECTION - C

SCALE IN FEET

0 1 2

SECTION - D

SCALE IN FEET

0 1 2

SECTION - E

SCALE IN FEET

0 1 2

SECTION - F

SCALE IN FEET

0 1 2

SECTION - G

SCALE IN FEET

0 1 2

SECTION - H

SCALE IN FEET

0 1 2

SECTION - I

SCALE IN FEET

0 1 2

SECTION - J

SCALE IN FEET

0 1 2

SECTION - K

SCALE IN FEET

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SECTION - L

SCALE IN FEET

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SECTION - M

SCALE IN FEET

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SECTION - N

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SCALE IN FEET

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SECTION - T

SCALE IN FEET

0 1 2

SECTION - U

SCALE IN FEET

0 1 2

SECTION - V

SCALE IN FEET

0 1 2

SECTION - W

SCALE IN FEET

0 1 2

SECTION - X

SCALE IN FEET

0 1 2

SECTION - Y

SCALE IN FEET

0 1 2

SECTION - Z

SCALE IN FEET

0 1 2