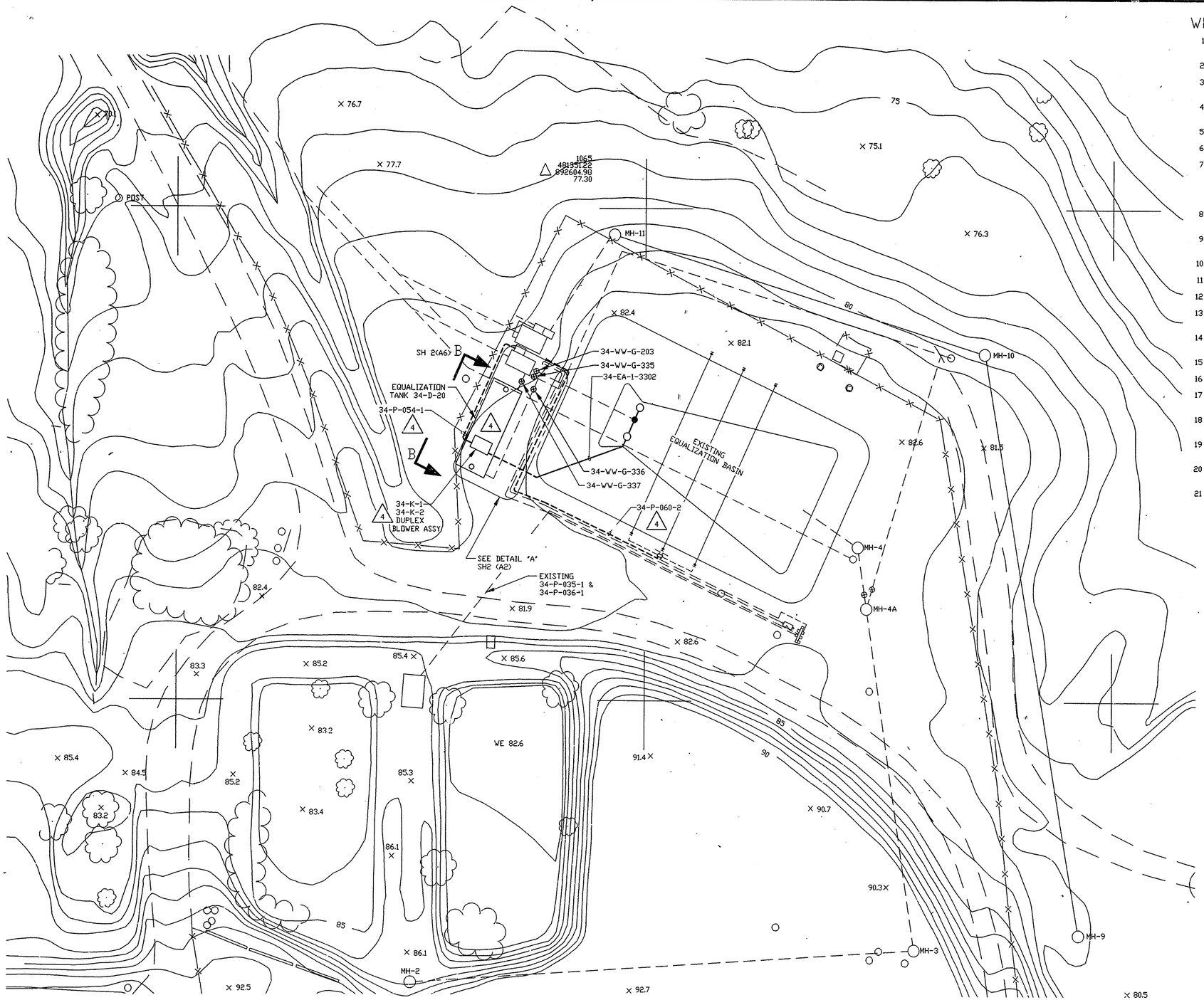
VERIFY ALL DOCUMENTS FOR CURRENT REVISION AND PENDING CHANGES PRIOR TO EACH USE.
INIT_____ DATE_____



WORK INSTRUCTIONS:

1 WVNS WILL FABRICATE EQUALIZATION TANK (EQT) VENTS. CHECK WAREHOUSE FOR MATERIALS

2 REMOVE FENCE

3 ARRANGE WITH MAIN PLANT OPERATIONS (MPO) TO SET TIME FOR SHUTDOWN OF THE EQUALIZATION BASIN (EQB) PUMP STATION

4 DISCONNECT OLD WIRING AND INSTALL TEMPORARY ELECTRICAL POWER & INSTRUMENT SYSTEMS; CONDUCT ELECTRICAL TEST. REFER TO ECN #10820

5 PUT THE PUMP STATION BACK IN OPERATION

6 EXCAVATE FOR THE INSTALLATION OF THE EQT

7 PREPARE EQT FOUNDATION BY INSTALLING A 6" BED OF #1 CRUSHER RUN STONE, TOPPED WITH #1 PEASTONE AND PLACE 3'-0" WIDE PIECES OF PLYWOOD (TO REMAIN) UNDER THE JOINTS TO KEEP SAND OUT OUT DURING ASSEMBLY. COMPACT AS DIRECTED BY COGNIZANT CONSTRUCTION ENGINEER (CCE)

8 ASSEMBLE EQT AS PER MANUFACTURER'S DIRECTIONS. TANK COATING WILL NOT BE REQUIRED

9 PARTIALLY BACKFILL WITH #1 PEASTONE, AS REQUIRED, FOR PIPING AND CONDUIT INSTALLATION

10 INSTALL PIPING AND VALVE CONNECTIONS TO THE EQT

11 INSTALL EQT VENTS

12 CLOSE VALVE WW-G-203 TO ISOLATE THE EQB F[illegible] THE EQB PUMP STATION

13 PUMP THE EQB PUMP STATION LOW ENOUGH TO [illegible] INSTALLATION OF PIPING

14 ARRANGE WITH MPO TO SET THE TIME FOR THE SHUTDOWN OF THE EQB PUMP STATION

15 INSTALL PIPING AND VALVES BETWEEN THE EQT AND THE PUMP STATION

16 BACKFILL WITH EXCAVATED MATERIAL. COMPACT AS DIRECTED BY CCE

17 INSTALL NEW CONDUITS AND WIRING AS PER PIECZONKA DRAWINGS: 03705-K12, K24 & K35. REFER TO ECN #10820

18 DISCONNECT TEMPORARY WIRING AND INSTALL NEW ELECTRICAL POWER & INSTRUMENT SYSTEMS; CONDUCT ELECTRICAL TEST. REFER TO ECN #10820

19 PUT THE PUMP STATION BACK IN OPERATION & CONDUCT STATIC "IN SERVICE" LEAK TEST & DOCUMENT RESULTS

20 BACKFILL EXCAVATION IN 4" LIFTS USING EXCAVATED MATERIAL. COMPACT AS DIRECTED BY CCE

21 DISPERSE EXCESS SOIL IN THE NEARBY FIELDS, OR AS DIRECTED BY WVNS, AND REINSTALL THE FENCE AS DIRECTED BY CCE

SPECIFICATIONS:

1 ANSI/ASTM D2665 POLYVINYL CHLORIDE (PVC) SEWER PIPE AND FITTINGS. PVC PIPE CONFORMING TO ASTM D3034, SDR-35 WITH BELL AND SPIGOT, UTILIZING O-RINGS

2 CEMENT LINED DUCTILE IRON PIPE WITH MECHANICAL JOINT (M.J.)

3 THE VALVES SHALL BE Ø8" MECHANICAL JOINT CAST IRON PLUG TYPE, VALVES WITH KEYED EXTENSIONS TO GRADE LEVEL, IN CAST IRON VALVE BOXES

4 THE TANK SHALL BE MADE OF IMPERVIOUS, DENSE, CONCRETE AS MANUFACTURED BY KISTNER CONCRETE, OR APPROVED EQUAL, WITH WATER TIGHT BOOT SEALS TO ACCEPT PIPING

5 TANK VENT WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS USING ASME SECTION IX PROCEDURES. ACCEPTANCE CRITERIA SHALL BE ANSI/ASME B31.3, NORMAL SERVICE, VISUAL ONLY

REVISIONS

REV	DESCRIPTION	APVD
0	ER3970 8/21/97	JRH
1	ECN 11112 JMS 11/21/97	HAB
2	ECN 12068 JEH 7/1/99	HAB
3	ECN 12138 WCK 5/3/2000	JLH
4	ECN 12340 MJC 7/14/2000	JLH

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES

TOLERANCES		DO NOT SCALE DRAWING
2PL DEC ± N/A	3PL DEC ± N/A	
FRACTS ± N/A	ANGLES ± N/A	FINISH N/A

FILE NAME 7423D001

PLOT SCALE 1=240.00

D SPEC NO. 3080

NEXT ASSEMBLY

DRAFTER L. PARIS	DATE 5/12/97	A/E CONTRACT NO.
CHECKED D. SHAFFER	DATE 8/15/97	CODE IDENT NO.
ENGINEER S. AKINBAMI	DATE 8/21/97	FOR WEST VALLEY NUCLEAR SERVICES CO., INC. WEST VALLEY N.Y.

EQUALIZATION TANK SITE PLAN

DATABASE LINKED DRAWING.

SEE ENGINEERING RELEASE FORM (ER) FOR DRAWING APPROVAL SIGNATURES.

DVG SIZE D

SCALE 1"=20'-0"

WEIGHT

A/E DWG NO.

DWG NO. 900D-7423

REV 4

SHEET 1 OF 2

CAD DRAWING-DO NOT REVISE THIS ORIGINAL

Thu Jul 27 10:22:09 2000 JLH