

CERTIFICATION

I certify that the cutoff trench, core wall and pipe were installed in accordance with these plans.

Contractor signature _____ Date _____

I certify that this pond has been completed in accordance with these plans and with all other applicable specifications, except as listed below.

Signed _____ Title _____ Date _____

EXCEPTIONS

GENERAL INFORMATION

Uses for impounded water _____
 Area at Normal Pool = _____ acres Maximum Depth = _____ feet
 Capacity = 0.40 X _____ acres X _____ feet = _____ acre feet
 Source of water _____

EARTH QUANTITIES

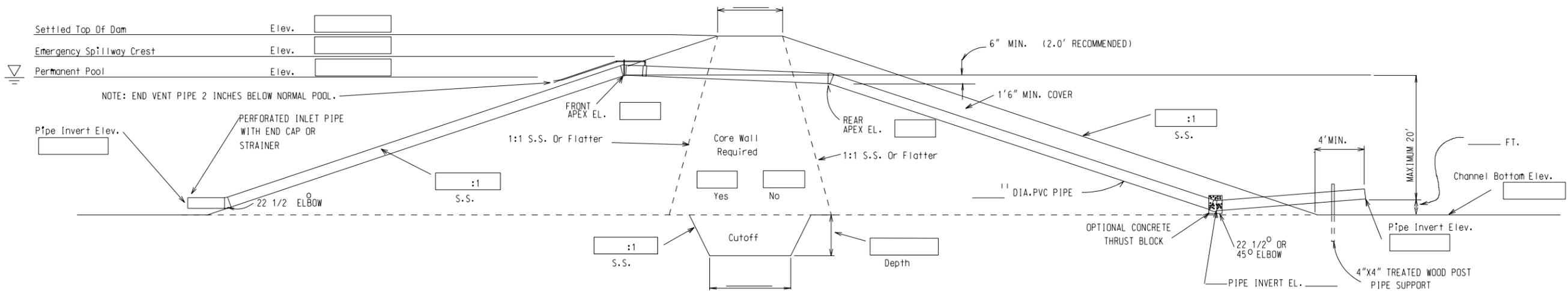
Embankment (Including 5% settlement) _____ Cu. Yds.
 Excavation of cutoff trench _____ Cu. Yds.
 Excavation of stream channel _____ Cu. Yds.
 Other excavation _____ Cu. Yds.
 Total _____ Cu. Yds.

BENCH MARK DESCRIPTION

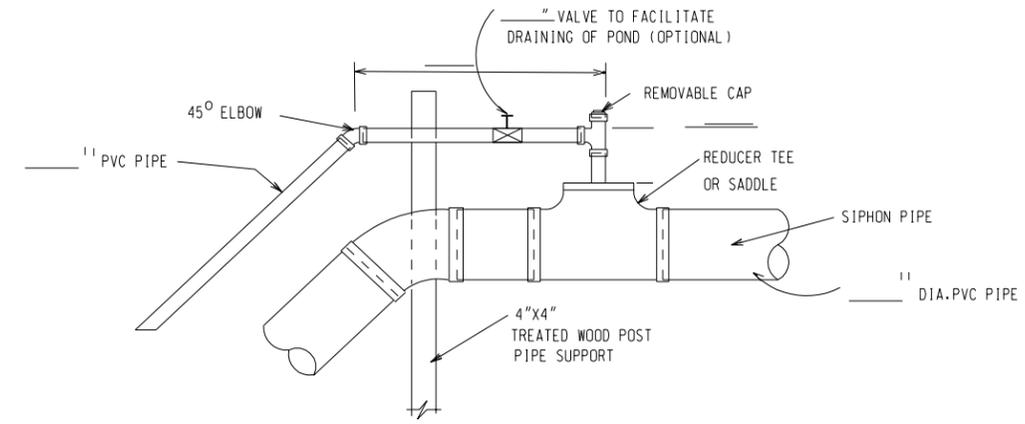
BILL OF MATERIALS

Siphon Pipe _____ Dia. Schedule 40 PVC _____ Lin. Ft.
 22 1/2° Bends, Schedule 40 PVC _____ Each
 45° Bends, Schedule 40 PVC _____ Each
 90° Bends, Schedule 40 PVC _____ Each
 " X " X " Schedule 40 PVC Tee _____ Each
 90° Elbow, 2" OR 4" Schedule 40 PVC _____ Each
 45° Elbow, 2" OR 4" Schedule 40 PVC _____ Each
 2" OR 4" Schedule 40 PVC Pipe _____
 4" X 4" Treated Wood Post 6' Long _____ Each
 " X " Valve _____ Each

Date _____
 Designed _____
 Drawn _____
 Checked _____
 Approved _____



PROFILE OF DAM
(NTS)



VENT DETAIL
(NTS)

NOTES:

- ALL PIPE CONNECTIONS SHALL BE SOLVENT WELD JOINTS.
- IN LIEU OF CONVENTIONAL 22 1/2° 30° 45° BENDS, TWO 90° ELBOWS MAY BE USED AT THE FRONT APEX AND THE REAR APEX OF THE SIPHON PIPE TO ALLOW THE PIPE TO CONFORM TO THE FRONT AND REAR SLOPES OF THE DAM.
- SIPHON PIPE SHOULD BE BURIED IN FRONT OF DAM IF THE POND IS DRAINED.
- INLET PIPE PERFORATIONS SHALL HAVE AN AREA EQUAL TO FOUR TIMES PIPE CROSS-SECTIONAL AREA.
- FOUR INCH VENT PIPES SHALL BE USED ON SIPHON PIPES WITH A DIAMETER OF 8 INCHES OR GREATER.

PLAN OF SIPHON PIPE FOR FARM POND

STANDARD DWG. NO. FL-378A

DATE 12/02 SHEET OF

REVISIONS		
DATE	APPROVED	TITLE

File No. _____
 Drawing No. _____
 Sheet of _____

