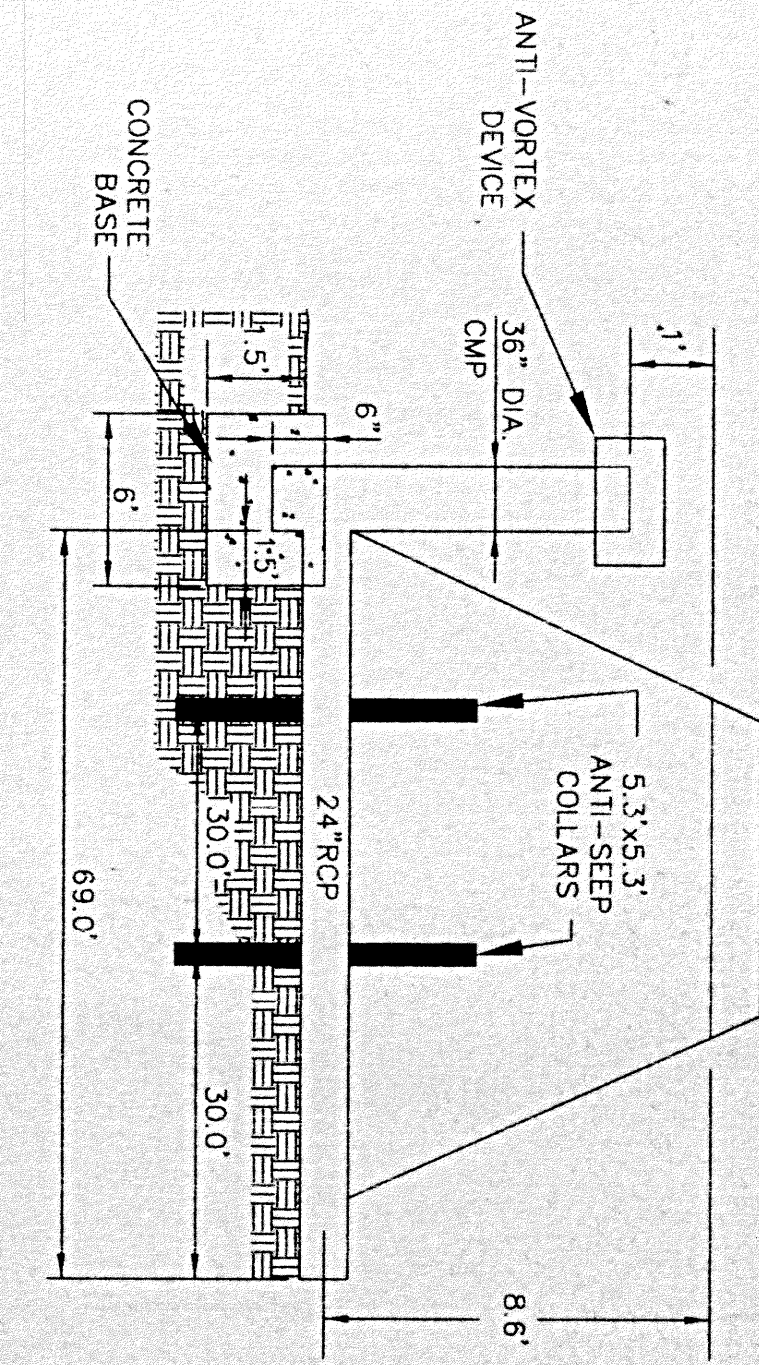
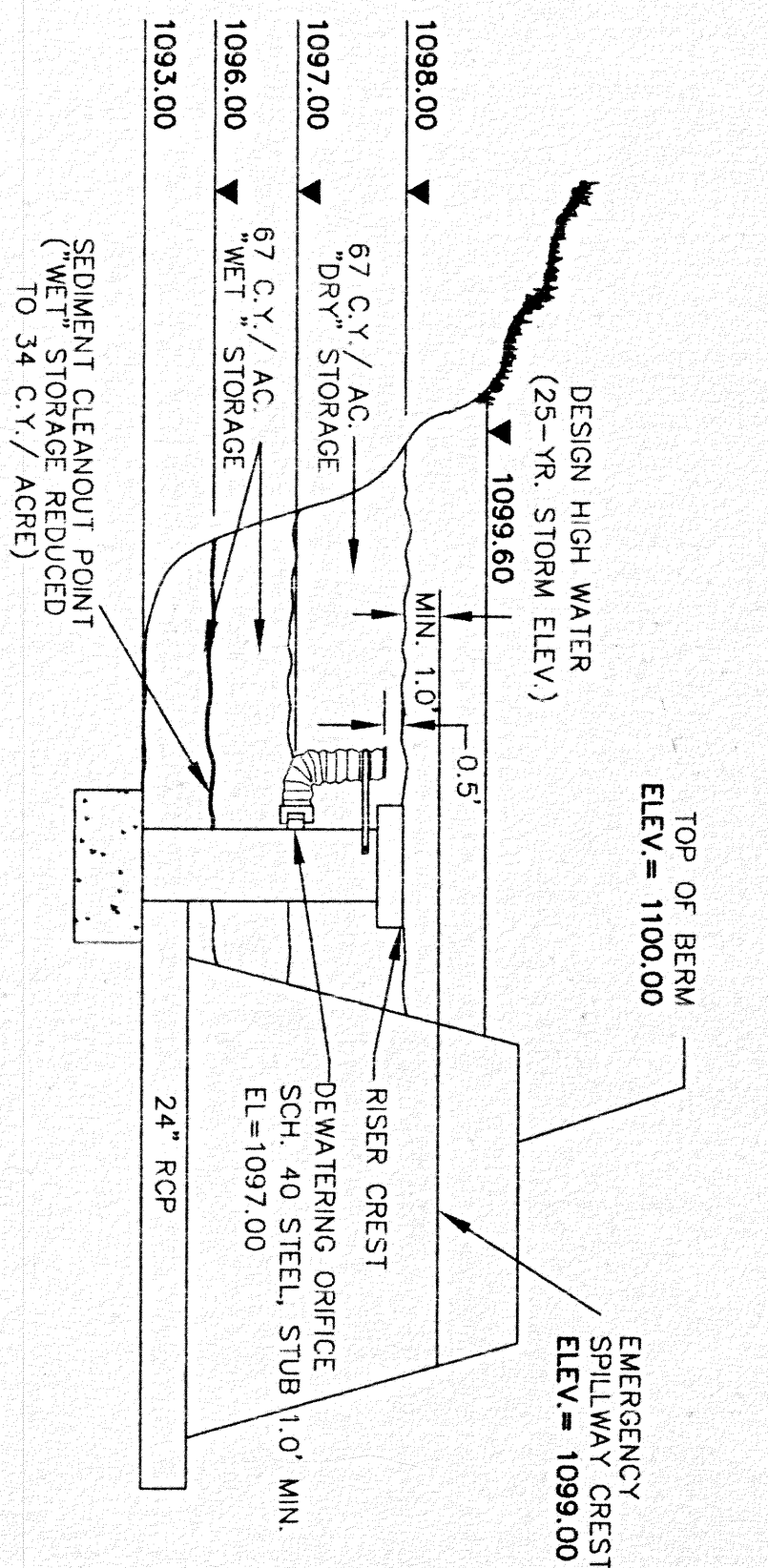


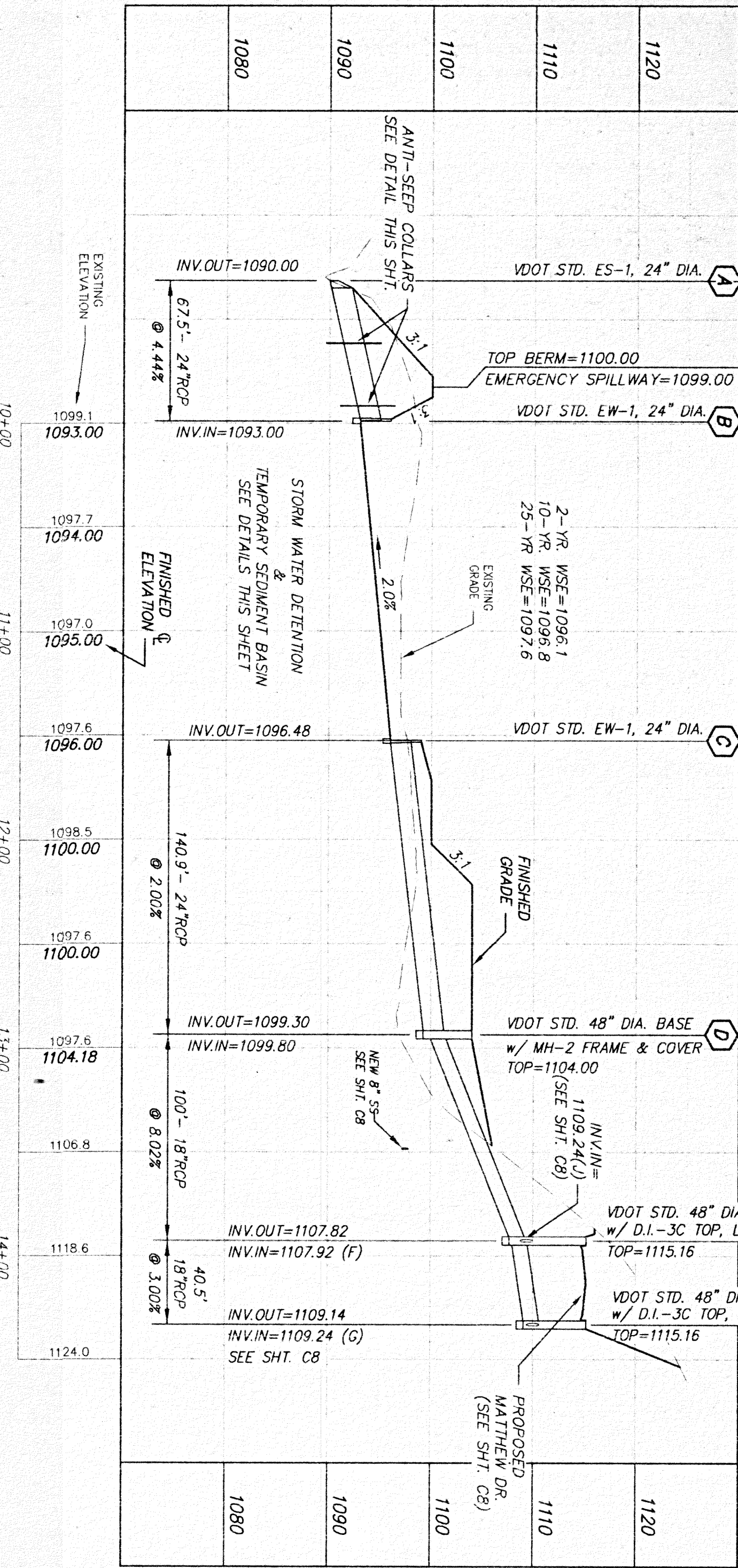
SEDIMENT BASIN NOTES.
DRAINAGE AREA = 12 ACRES



SEDIMENT BASIN SCHEMATIC ELEVATIONS

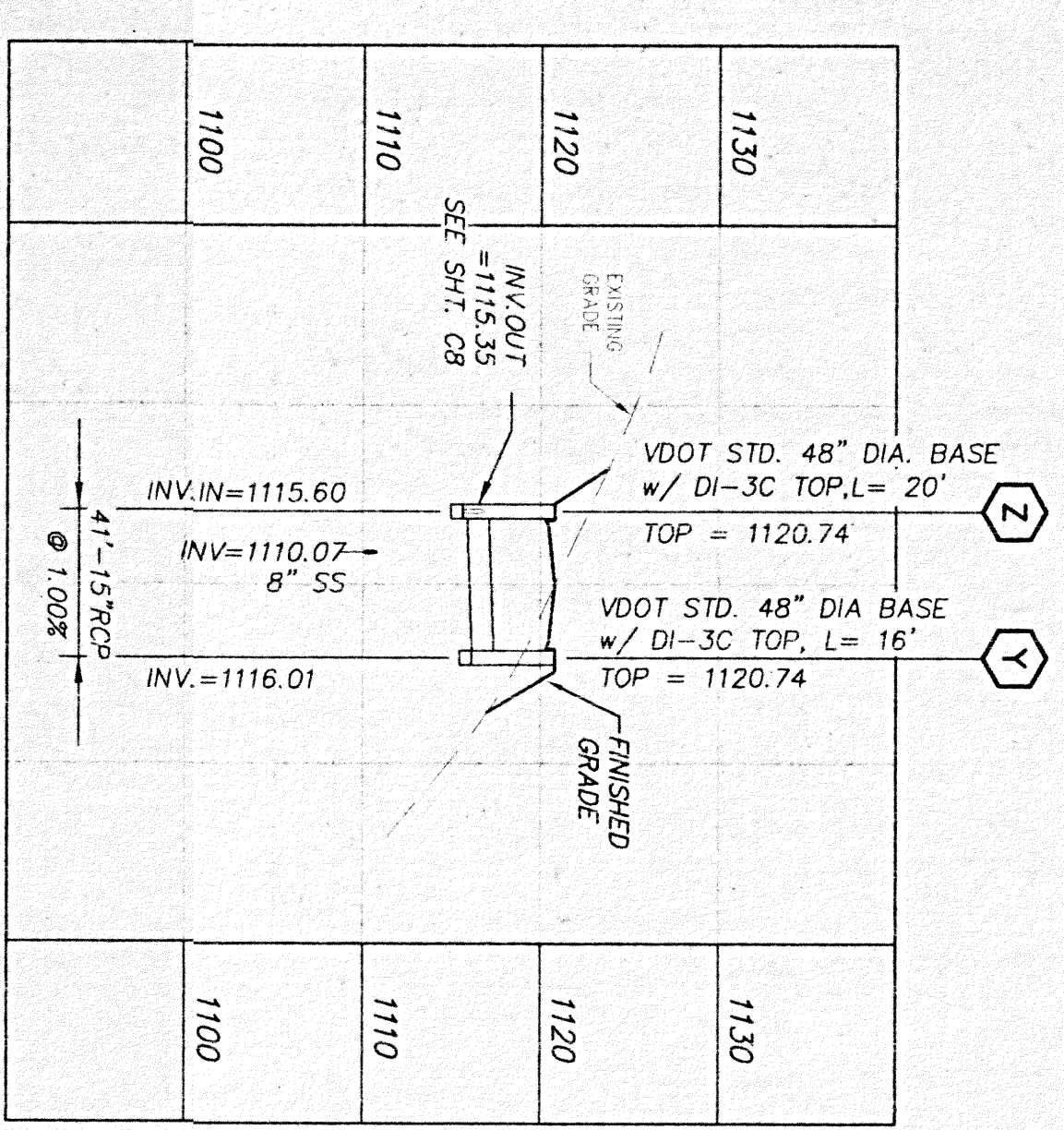
NOTE: AT TIME OF ESTABLISHED GRASS & PAVEMENT, CONTRACTOR SHALL REMOVE DEWATERING RISER AND INSTALL ENDWALL PER STRUCTURE B.

NO SCALE



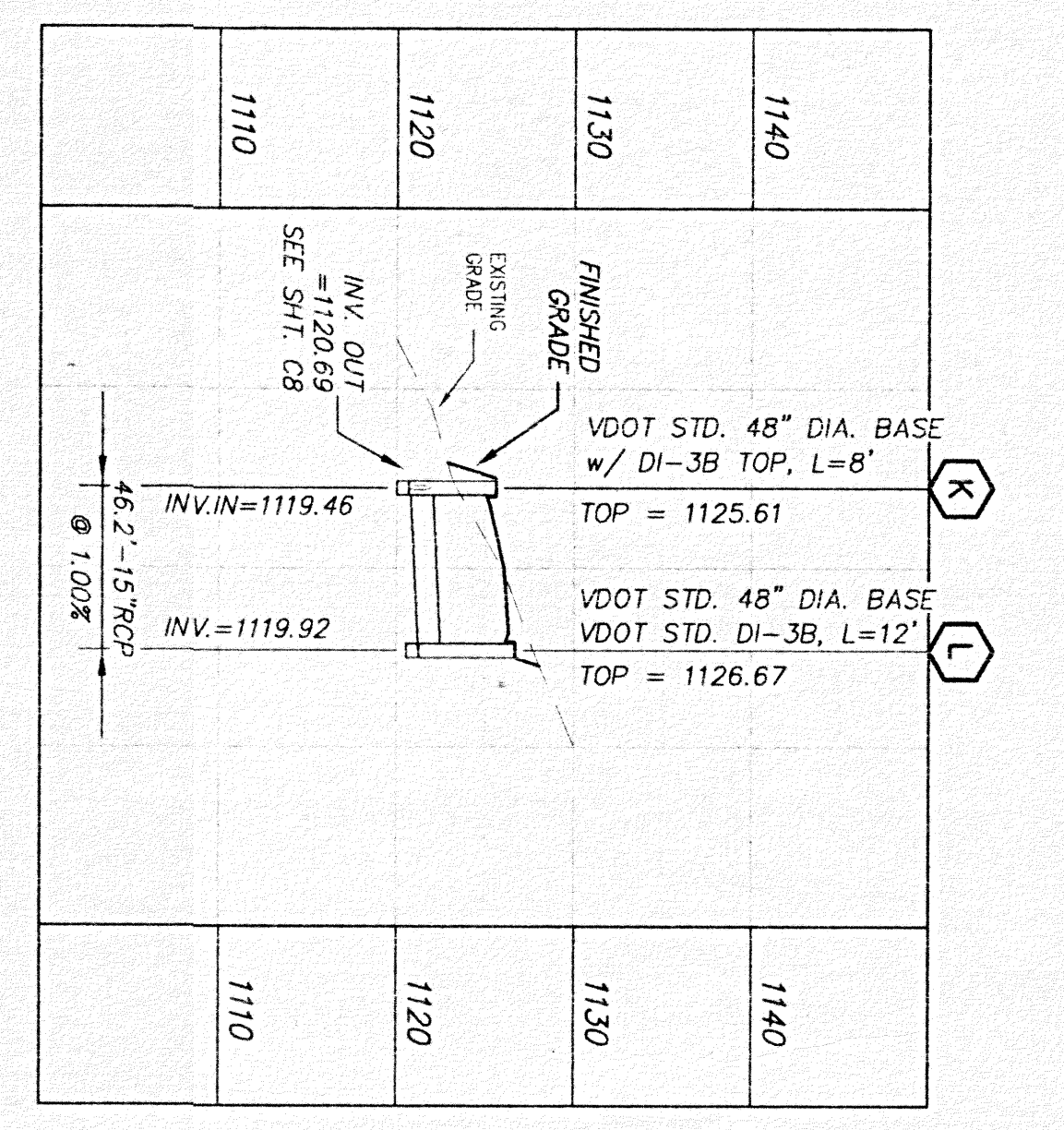
PROFILE: STORM SEWER F TO A

SCALE: 1\"/>



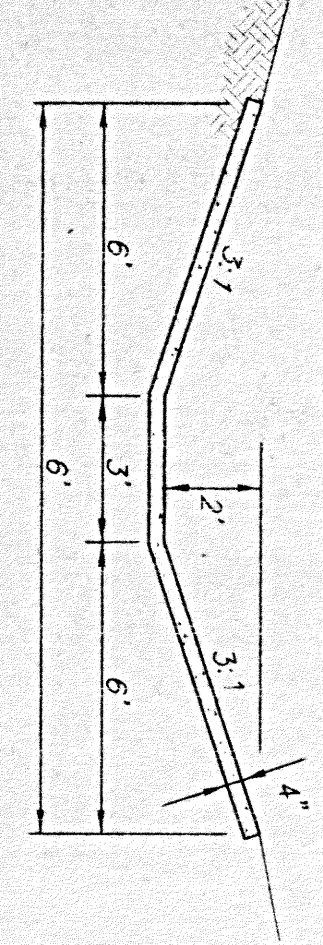
PROFILE: STORM SEWER Y TO Z

SCALE: 1\"/>



PROFILE: STORM SEWER L TO K

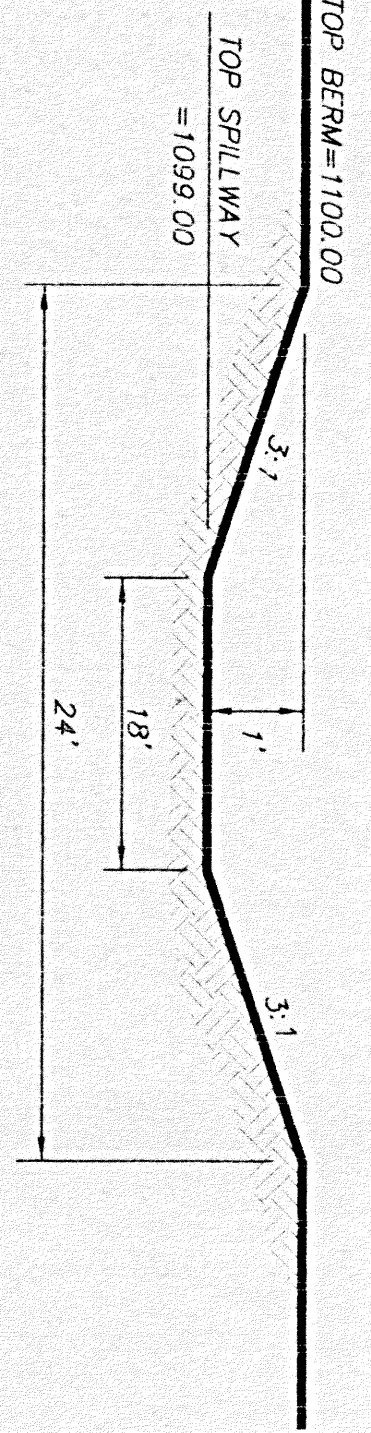
SCALE: 1\"/>



CONCRETE DITCH DETAIL

NO SCALE

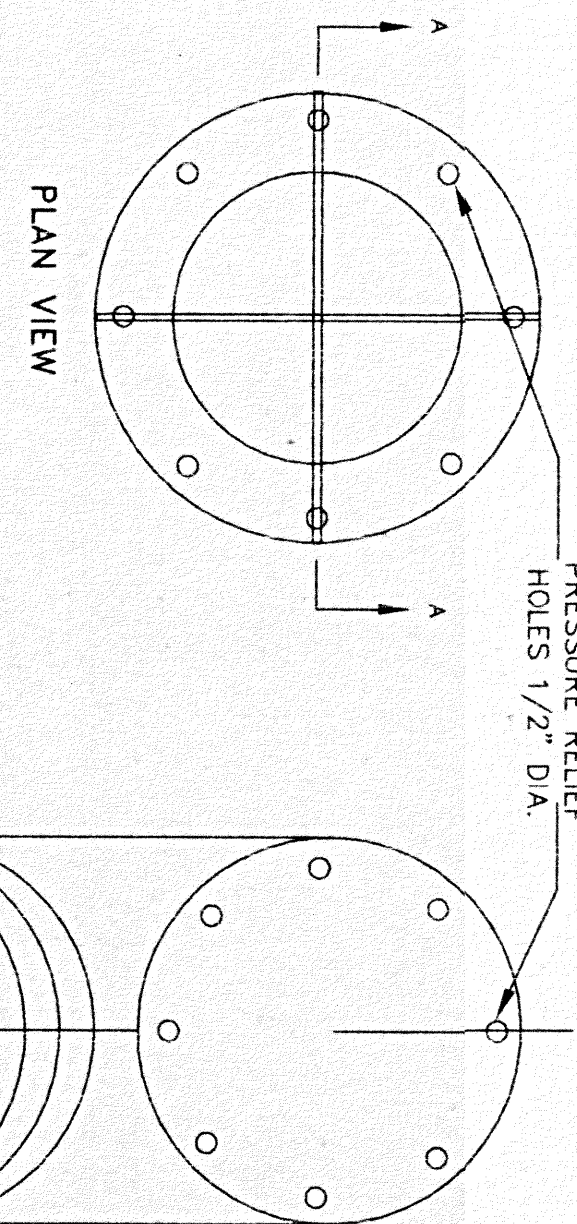
LONGITUDINAL SLOPE ON CONCRETE DITCH = 1.33%



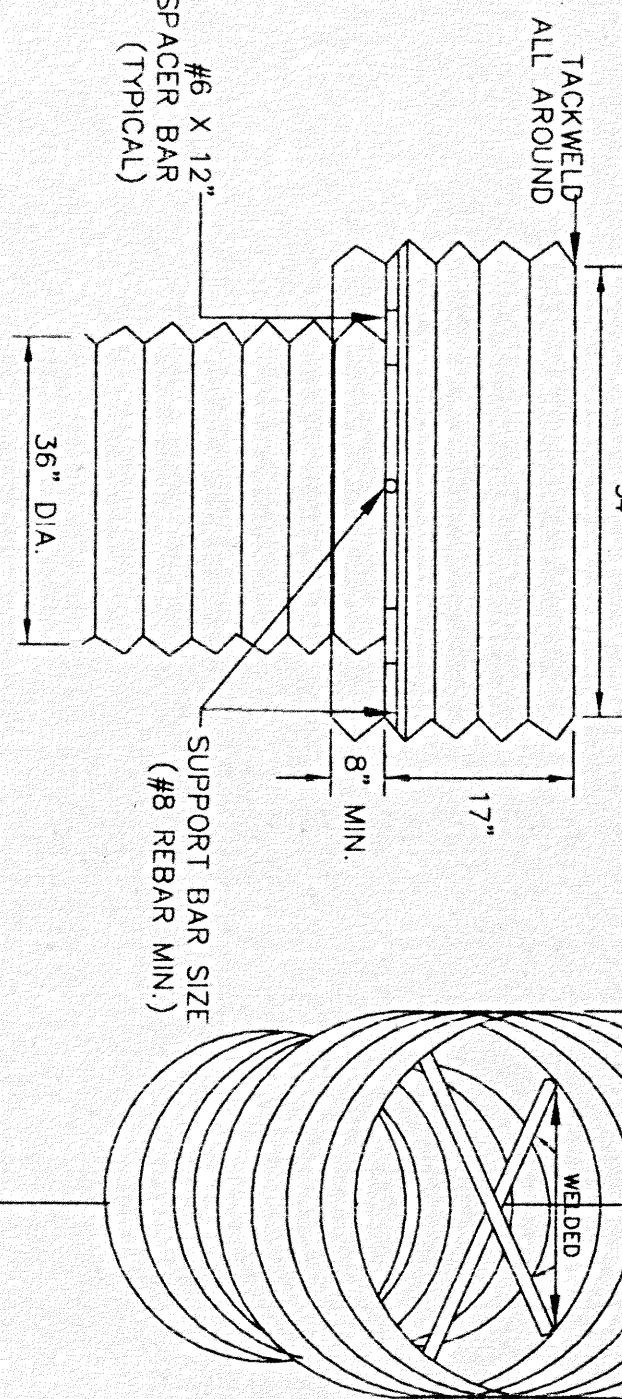
EMERGENCY SPILLWAY DETAIL

NO SCALE

LENGTH OF EMERGENCY SPILLWAY = 36'
CONTRACTOR SHALL MAINTAIN 18' WIDTH FOR 36'
THEN TAPER TO A 3' WIDE CONCRETE DITCH OVER 20'



PLAN VIEW



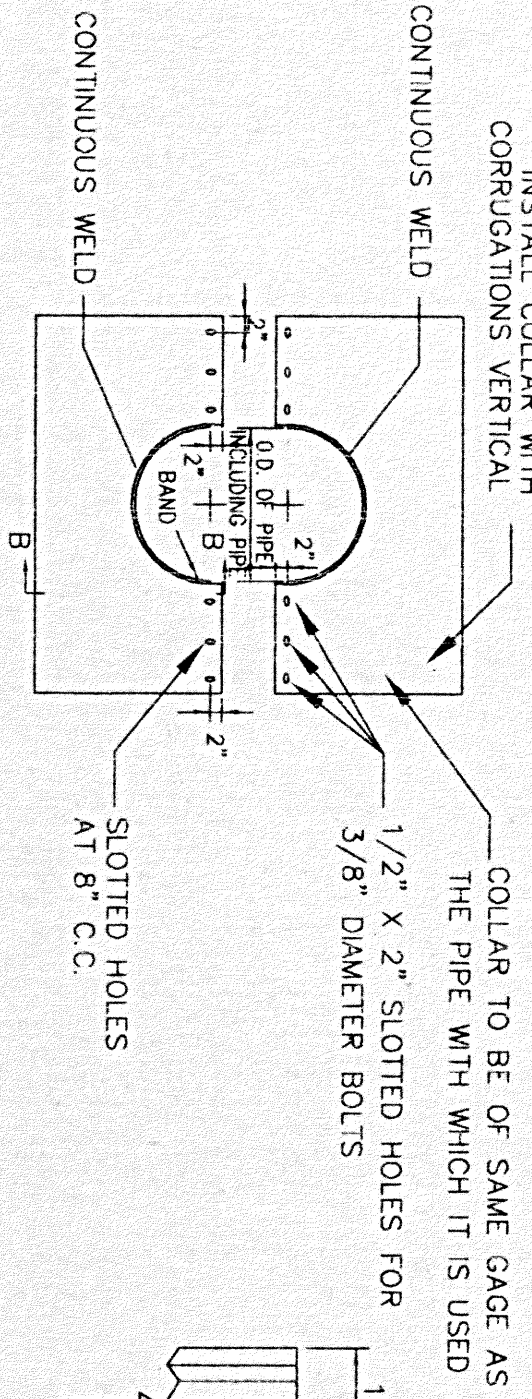
SECTION A-A

ISOMETRIC

ANTI-VORTEX DEVICE DESIGN

NO SCALE

- NOTES
1. THE CYLINDER MUST BE FINALLY FASTENED TO THE TOP OF THE RISER.
 2. SUPPORT BARS ARE WELDED TO THE TOP OF THE RISER AND TO TOP OF RISER.
- TOP IS 14 GAGE CORRUGATED METAL OR 1/8\"/>



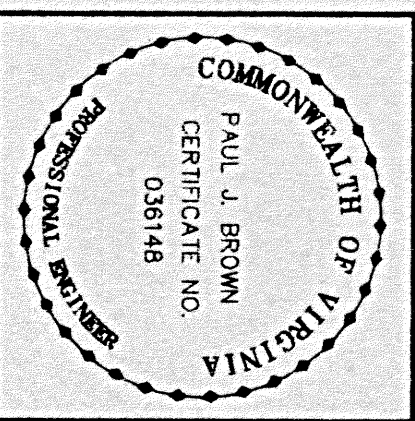
ELEVATION OF UNASSEMBLED COLLAR

SECTION B-B

- NOTES FOR COLLARS:
1. ALL MATERIALS TO BE IN ACCORDANCE WITH CONSTRUCTION AND CONSTRUCTION MATERIAL SPECIFICATIONS.
 2. COLLARS SHALL BE IN ACCORDANCE WITH CONSTRUCTION AND CONSTRUCTION MATERIAL SPECIFICATIONS.
 3. UNASSEMBLED COLLARS SHALL BE MARKED BY PAINTING OR TAGGING TO IDENTIFY MATCHING PAIRS.
 4. THE LAP BETWEEN THE TWO HALF SECTIONS AND BETWEEN THE PIPE AND CONNECTING BAND SHALL BE CAULKED WITH ASPHALT MASTIC AT TIME OF INSTALLATION.
 5. 1/2\"/>
 6. CONTRACTOR SHALL USE CARE TO ENSURE COMPACTION AROUND COLLARS.

ANTI-SEEP COLLAR DETAILS

NO SCALE



STORM SEWER PROFILES & DETAILS
FOR
"EDGEFIELD" SECTION TWO
SITUATE FOUNTAIN LANE
WINTON MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA
PREPARED FOR CHARLES R. SIMPSON, INC.
REVISED: JANUARY 14, 2004
DATE: OCTOBER 13, 2003
SCALE: 1\"/>

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