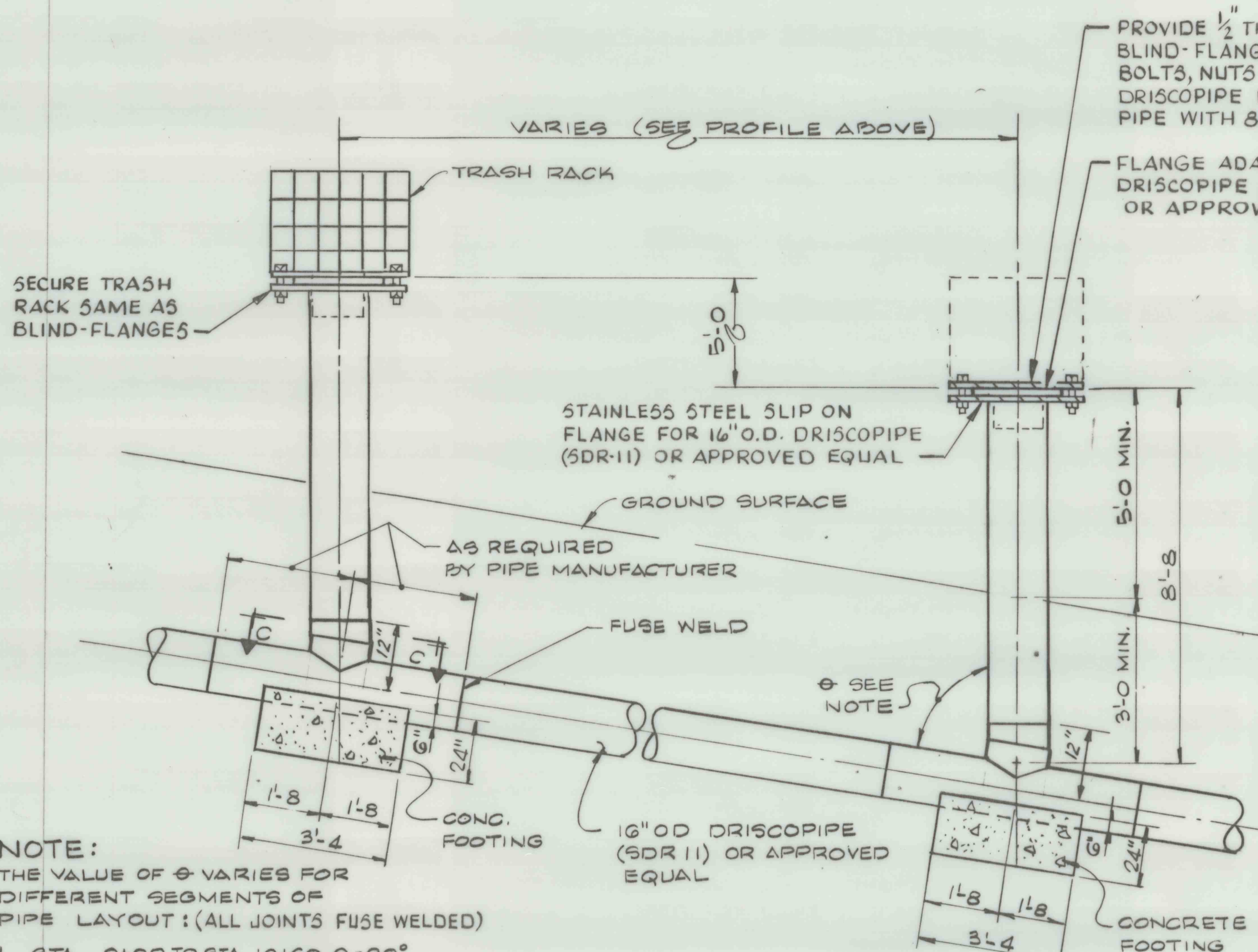


CENTERLINE PROFILE 16" O.D. DECANT SYSTEM

SCALE: 1" = 60' HORIZ.  
1" = 50' VERT.

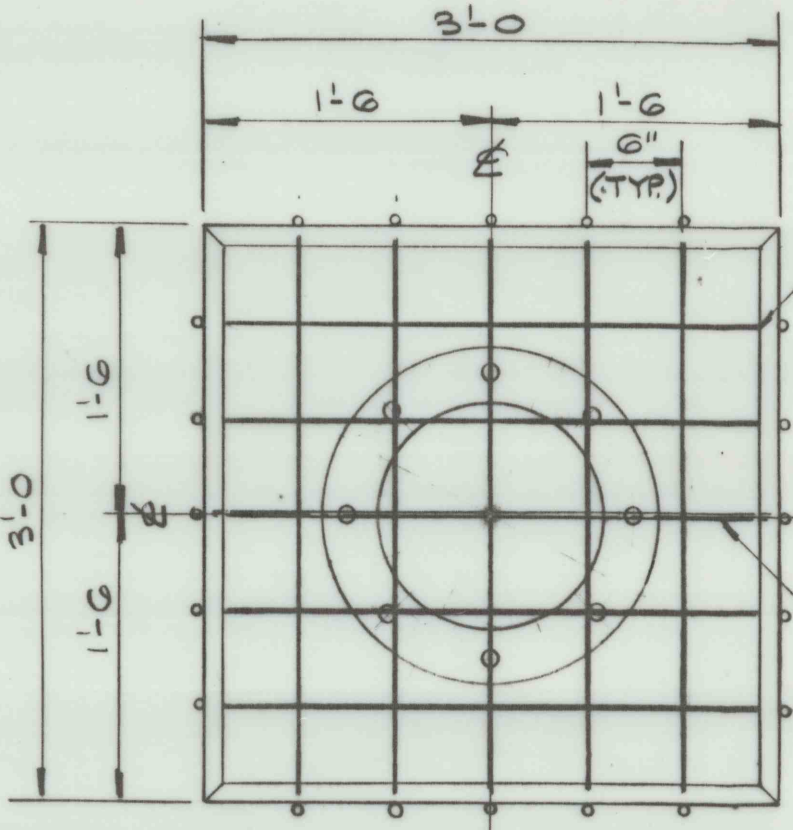


TYPICAL RISER PIPE AND TRASH RACK LOCATION DETAIL

SCALE: NONE

NOTE:  
THE VALUE OF  $\phi$  VARIES FOR DIFFERENT SEGMENTS OF PIPE LAYOUT: (ALL JOINTS FUSE WELDED)

1. STA. 0+00 TO STA. 10+60  $\phi = 90^\circ$
2. STA. 10+60 TO STA. 14+60  $\phi = 87^\circ$
3. STA. 14+60 TO STA. 15+90  $\phi = 83^\circ$
4. STA. 15+90 TO STA. 17+95  $\phi = 76.5^\circ$



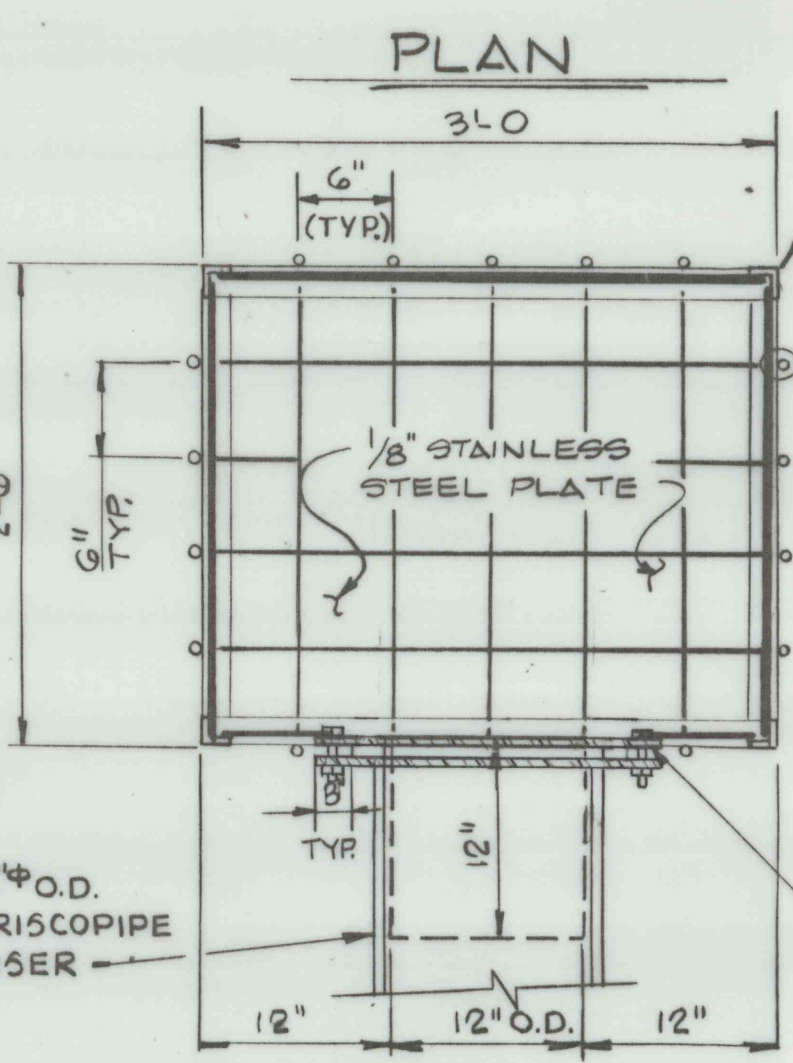
PRE-FABRICATED ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE SHEET (RYTEX 819 OR APPROVED EQUAL). THE CENTRAL HOLE IN THE ANTI-SEEP COLLAR SHALL BE 16 3/8\"/>

FLANGE ADAPTER FOR 16\"/>

BOLT WITH 1/4-1-INCH DIA. STAINLESS STEEL BOLTS AND APPROPRIATE WASHERS TO MANUFACTURER'S SPECIFICATIONS AND TORQUES TO ASSURE NO LEAKAGE OF PIPE CONNECTION OR SEEPAGE COLLAR

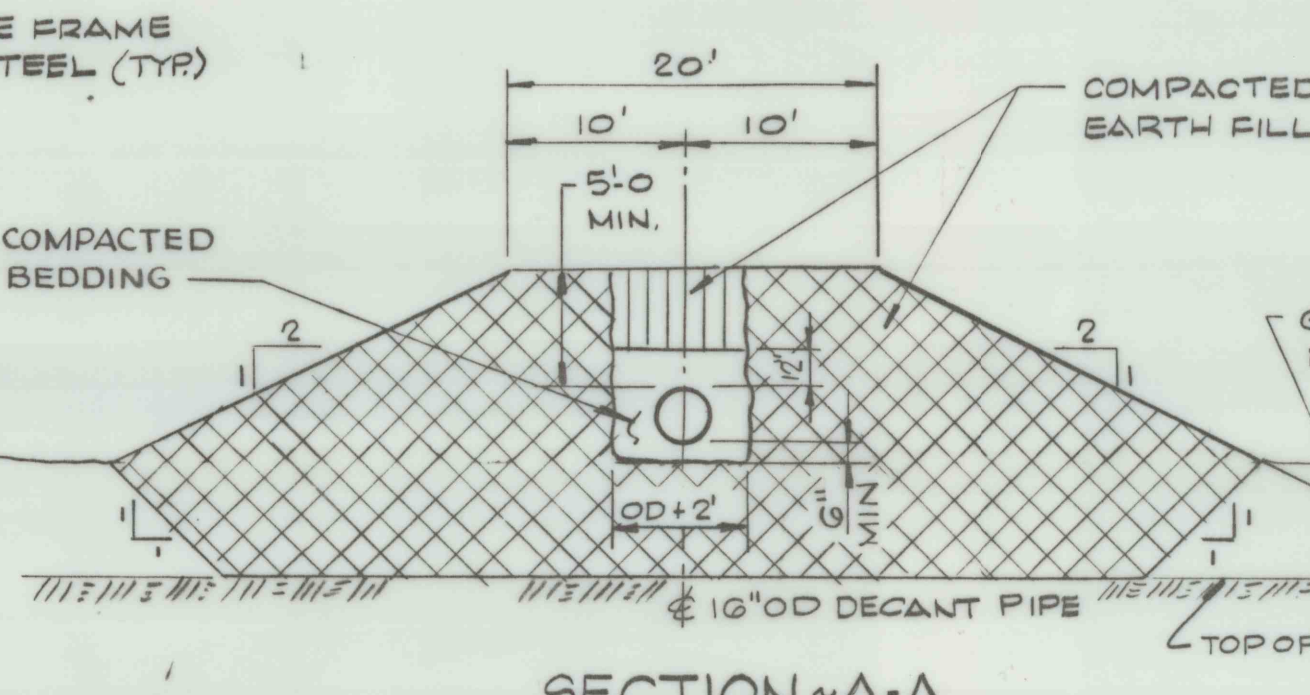
ANTI-SEEP COLLAR DETAIL

SCALE: NONE



TYP. TRASH RACK AND ANTI-VORTEX DEVICE

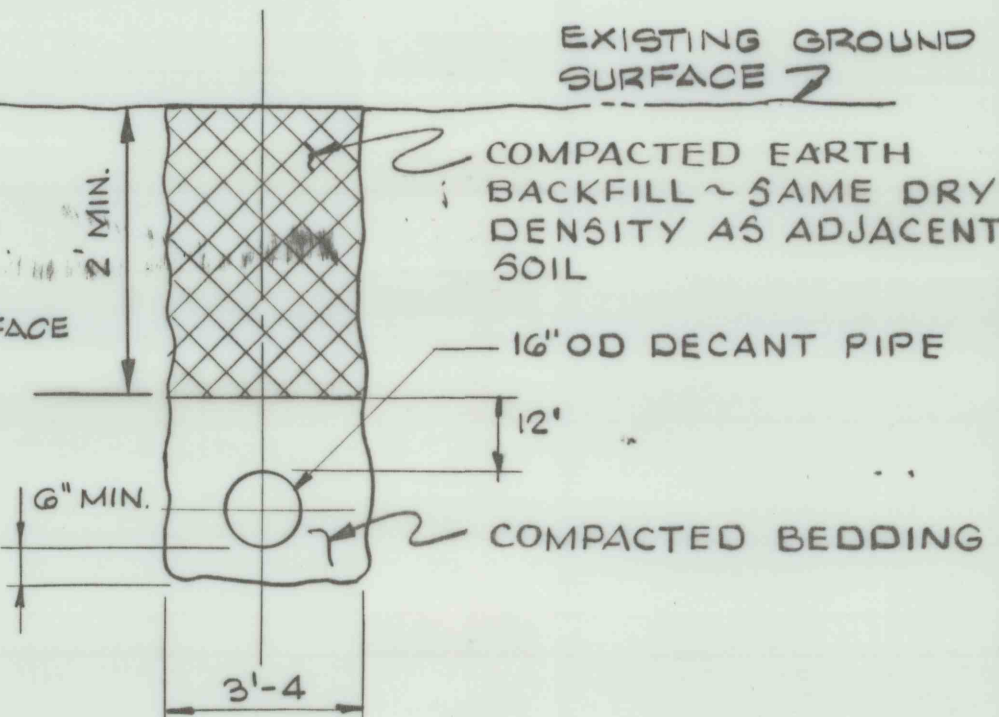
SCALE: NONE



SECTION A-A TYPICAL DECANT PIPE BEDDING DETAIL

STA. 0+00 TO STA. 6+13

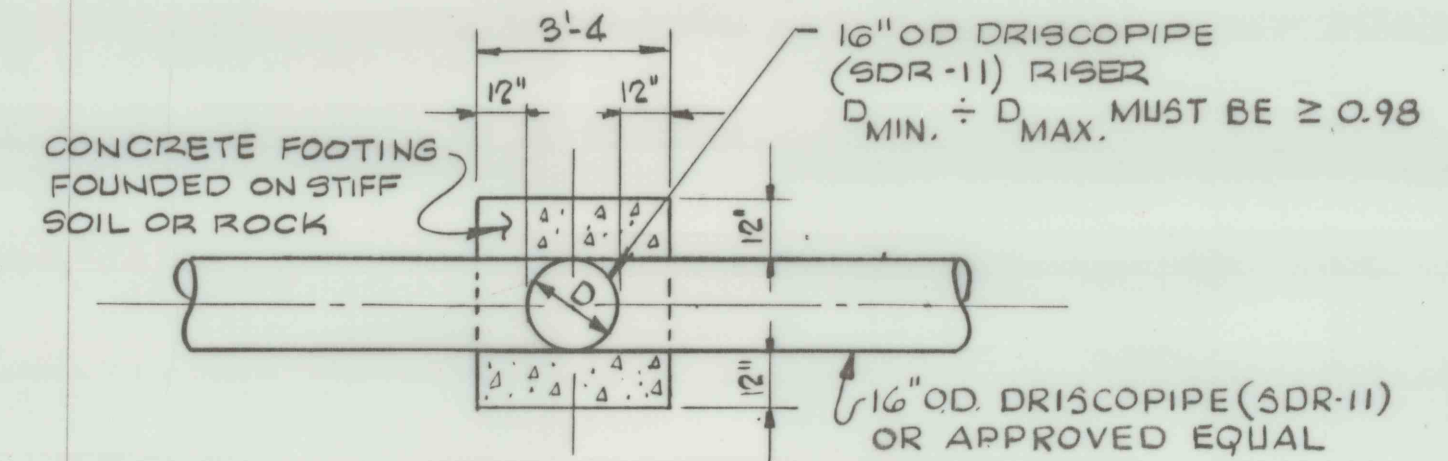
SCALE: NONE



SECTION B-B TYP. PIPE BEDDING DETAIL

STA. 6+13 TO STA. 17+96

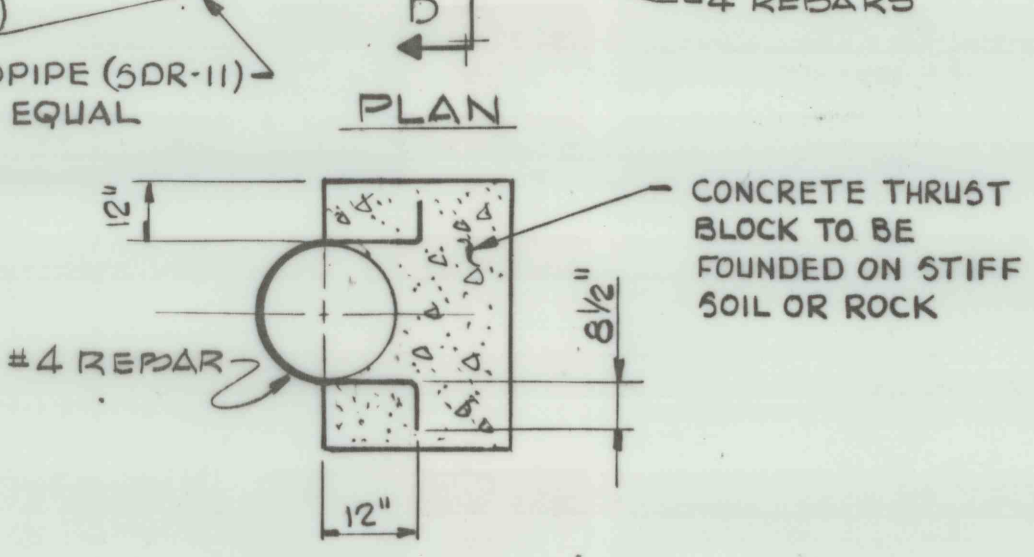
SCALE: NONE



SECTION C-C CONCRETE FOOTING

SCALE: NONE

NOTE: MINIMUM SOIL COVER OVER DECANT PIPE SHALL BE 5 FEET WHERE CONSTRUCTION EQUIPMENT WILL CROSS THE PIPE.



SECTION D-D HORIZONTAL BEND THRUST BLOCK

SCALE: NONE

- NOTES:
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH PERMIT AND TECHNICAL SPECIFICATION 82-312-1.
  2. FOR PLAN LOCATION OF DECANT SYSTEM SEE DRAWING 82-312-E5 (SITE PREPARATION PLAN).

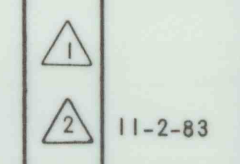


ADDED NOTE TO THE ANTI-SEEP COLLAR DETAIL

REVISED TYPICAL RISER PIPE AND TRASH RACK LOCATION DETAIL AND ANTI-SEEP COLLAR DETAIL

BY G.Y. CHK'D BY FAN

DESCRIPTION	NO.	DATE



11-2-83

DECANT SYSTEM PROFILE AND DETAILS  
NORTH HOLLOW REFUSE IMPOUNDMENT  
MINE 101 COAL PREPARATION PLANT  
CENTURY, WEST VIRGINIA



Engineers • Geologists • Planners  
Environmental Specialists  
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BETHLEHEM MINES CORP.  
CHARLESTON, WEST VIRGINIA

DRAWN: FJC APPROVED: FAN  
REVISION: ASD/FAN DATE: 7-14-83

SCALE: NONE DRAWING NUMBER: 82-312-E12