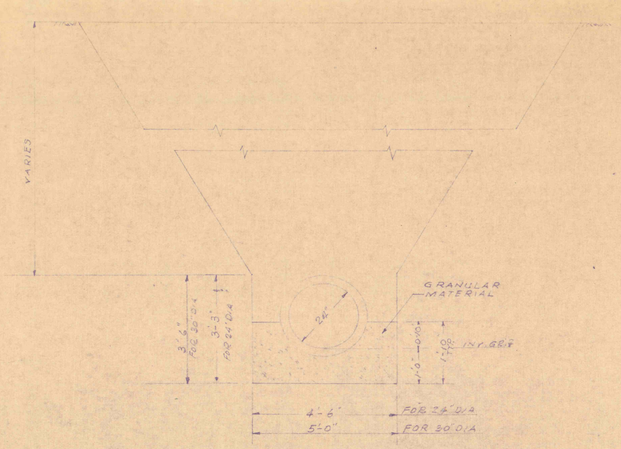
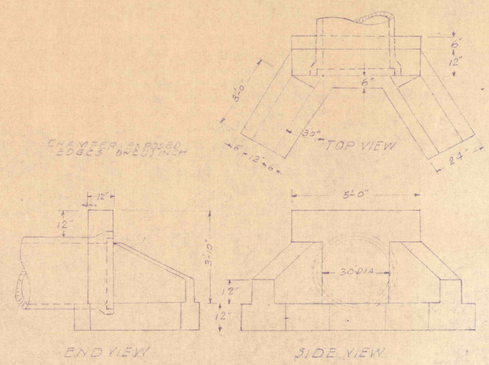
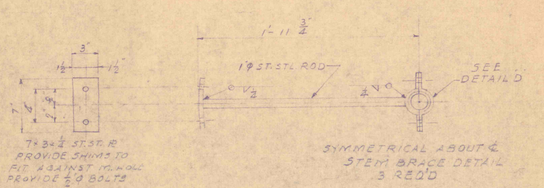
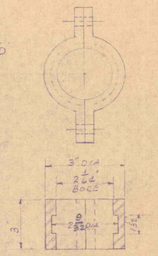


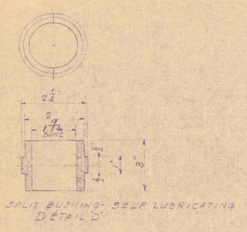
TYPICAL SECTION SHOWING 24" R.C.C. PIPE

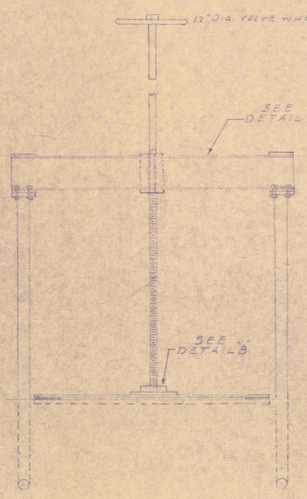


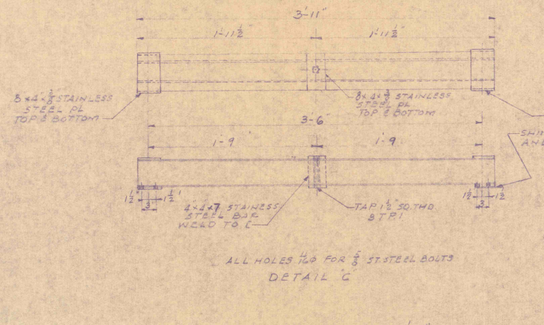
TYPE D-W ENDWALL
(CLASS B-CONCRETE)
PA. DEPT. OF HIGHWAYS STANDARD

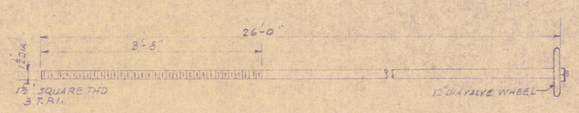




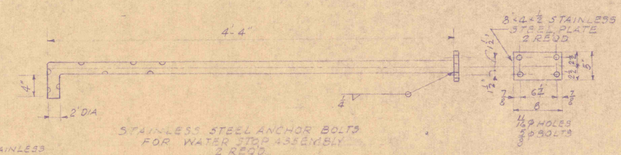




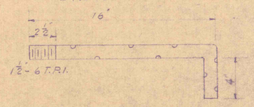




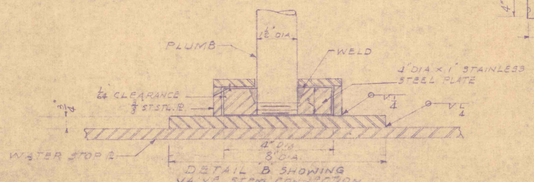
STAINLESS STEEL STEM



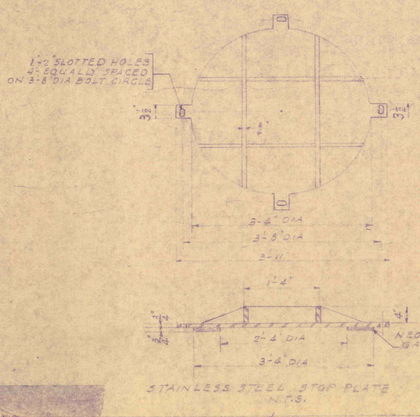
STAINLESS STEEL ANCHOR BOLTS FOR WATER STOP ASSEMBLY 2 REQD.



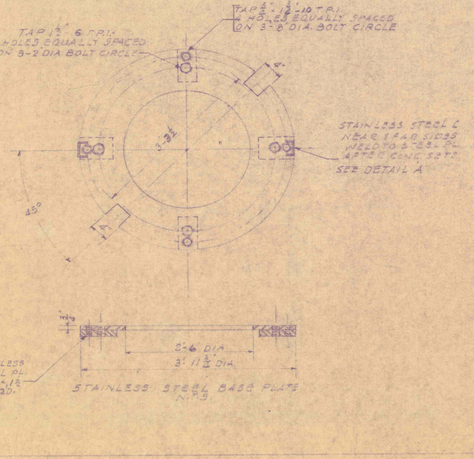
DETAIL SHOWING STAINLESS STEEL ANCHOR BOLTS FOR BASE PLATE 6 REQD



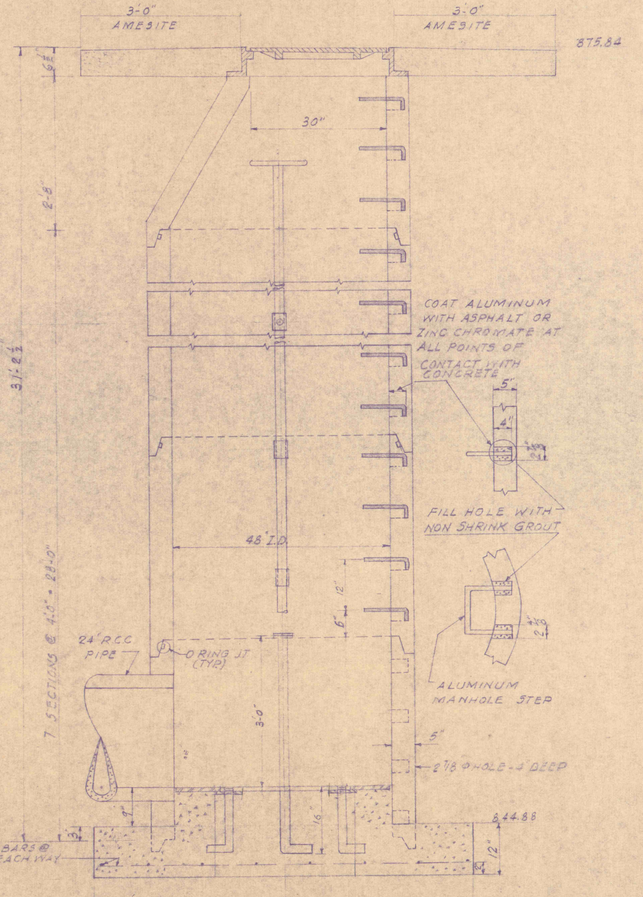
FABRICATED STAINLESS STEEL CHANNEL
DETAIL A

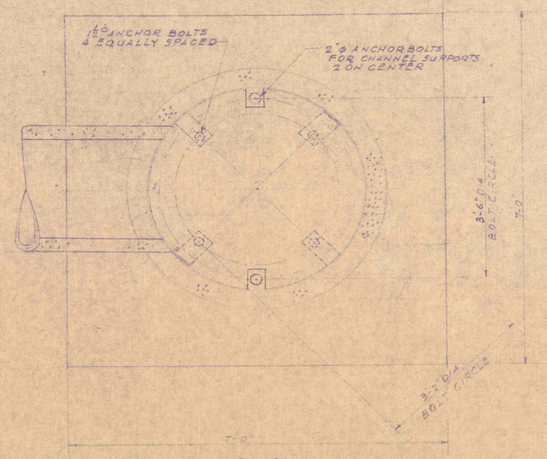


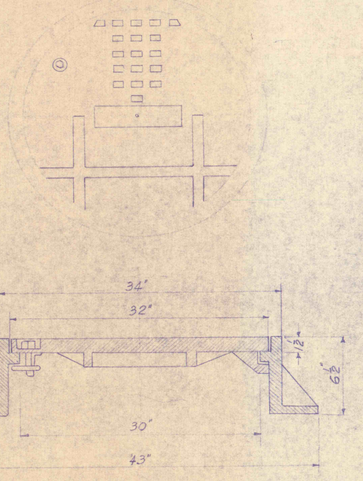
STAINLESS STEEL STOP PLATE
N.T.S.



STAINLESS STEEL BASE PLATE
N.T.S.







MANHOLE COVER DETAIL
N.T.S.

NOTES:
1. CONCRETE CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH GOOD CONSTRUCTION PRACTICES AND SHALL CONFORM WITH REQUIREMENTS AS SET FORTH IN THE AMERICAN CONCRETE INSTITUTE PUBLICATION "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" ACI 318-66
2. CONCRETE SHALL BE PLACED ONLY IN THE PRESENCE OF DULY AUTHORIZED INSPECTOR
3. REINFORCEMENT BARS SHALL CONFORM TO A.S.T.M. DESIGNATION A615 AND 40 KSI DEFORMED INTERMEDIATE GRADE.
4. LOCATION OF REINFORCEMENT SPLICES WILL BE DETERMINED BY THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE ENGINEER
5. ALL REINFORCEMENT SHALL BE 2" CLEAR, EXCEPT WHERE NOTED
6. CHAMFER ALL EXPOSED EDGES AND HORIZONTAL JOINTS IN WALL 3/4"
7. UNFORMED SURFACES WILL HAVE A LIGHT STEEL TROWEL FINISH
8. FORMED SURFACES, PERMANENTLY EXPOSED SHALL HAVE FINS AND IRREGULARITIES REMOVED AND CORRECTED, AND TIE ROD HOLES SHALL BE PROPERLY PLUGGED
9. CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 P.S.I.
10. ALL STAINLESS STEEL TO BE AISI No. 316

PENNSYLVANIA DEPARTMENT OF MINES AND MINERAL INDUSTRIES

CONSTRUCTION DRAWING SHOWING MANHOLE, WATER CONTROL FACILITIES, 24" AND 30" R.C.C. MINE WATER DRAINAGE PIPE LINES

RANSHAW MINE DRAINAGE BOREHOLE

PROJECT NO. A-19 - PHASE "B"

COAL TOWNSHIP, NORTHUMBERLAND COUNTY

JANUARY, 1969 SCALE AS SHOWN