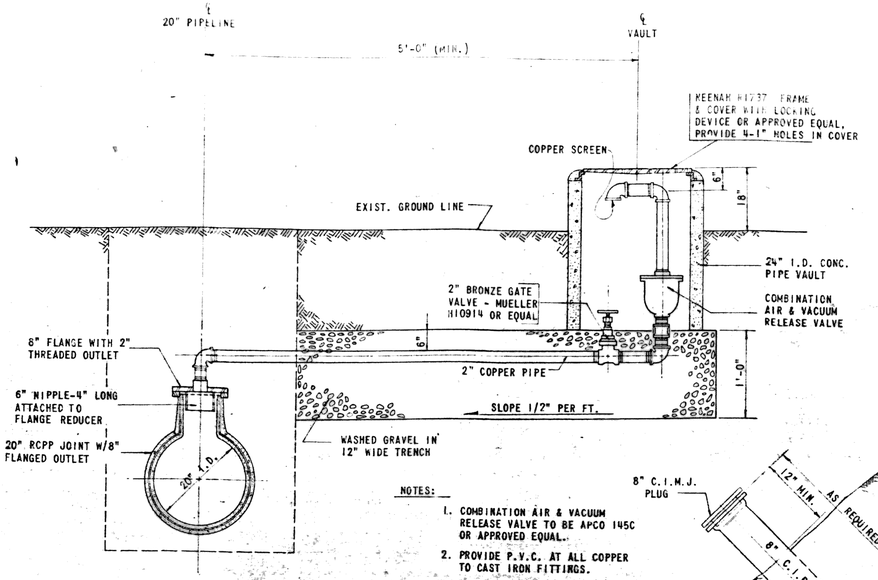
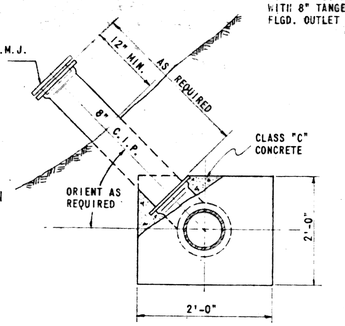


NOTES:

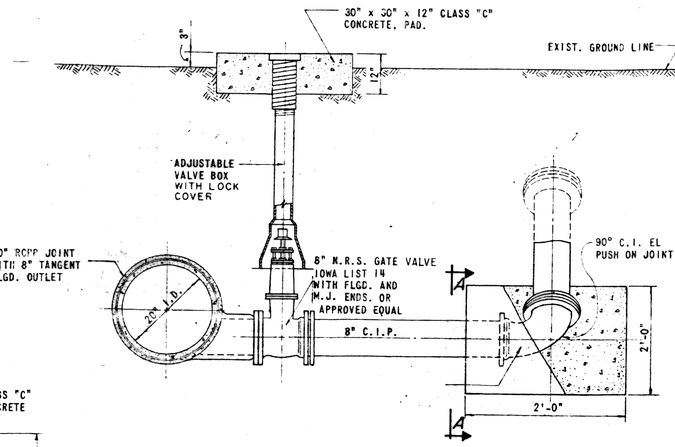
1. COMBINATION AIR & VACUUM RELEASE VALVE TO BE APCO 145C OR APPROVED EQUAL.
2. PROVIDE P.V.C. AT ALL COPPER TO CAST IRON FITTINGS.

TYPICAL AIR RELEASE AND VACUUM VALVE INSTALLATION

SCALE: 3/4" = 1'-0"

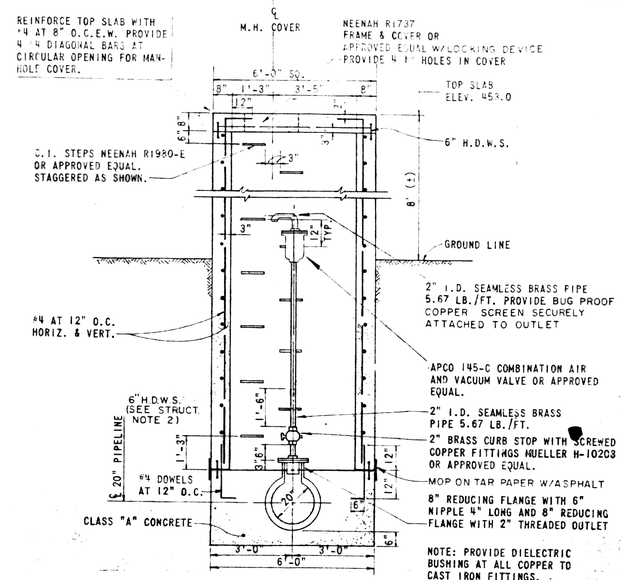


SECTION A-A

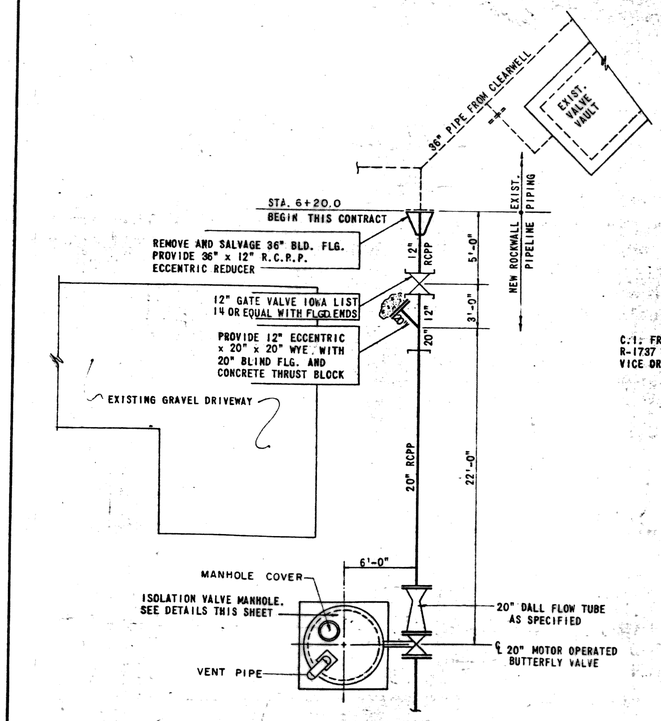


TYPICAL BLOW-OFF VALVE INSTALLATION

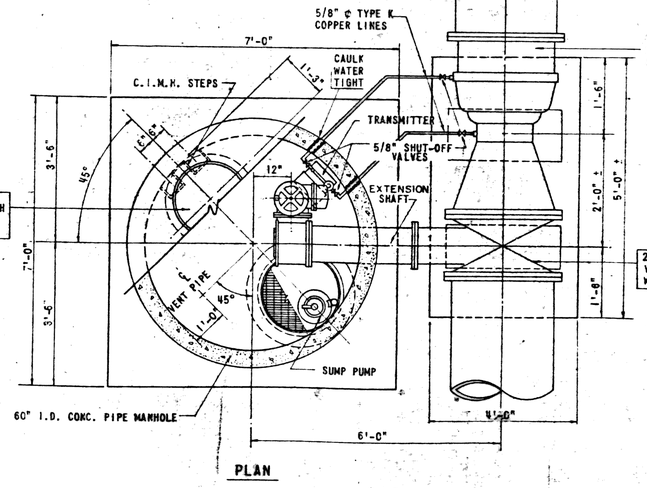
SCALE 3/4" = 1'-0"



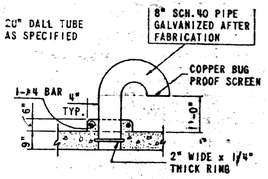
AIR RELEASE AND VACUUM VALVE INSTALLATION IN STAND PIPE AT STA. 201+80 (A-3)



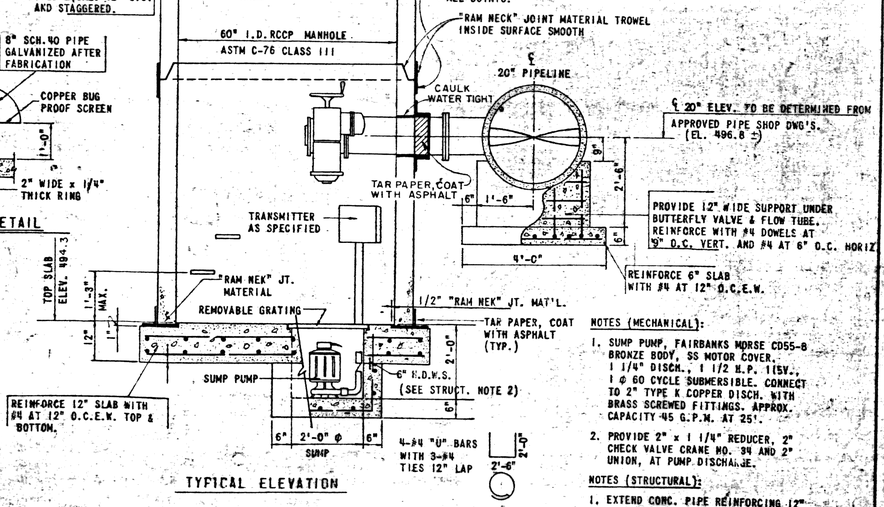
DETAIL "A"



PLAN



VENT PIPE DETAIL



TYPICAL ELEVATION

NOTES (MECHANICAL):

1. SUMP PUMP, FAIRBANKS MORSE CD55-8 BRONZE BODY, SS MOTOR COVER, 1 1/4" DISCH., 1 1/2 H.P. 115V., 1 ℄ 60 CYCLE SUBMERSIBLE. CONNECT TO 2" TYPE K COPPER DISCH. WITH BRASS SCREWED FITTINGS. APPROX. CAPACITY 45 G.P.M. AT 25'.
2. PROVIDE 2" x 1 1/4" REDUCER, 2" CHECK VALVE CRANE NO. 34 AND 2" UNION, AT PUMP DISCHARGE.

NOTES (STRUCTURAL):

1. EXTEND CONC. PIPE REINFORCING 12" MIN. INTO SLAB.
2. PROVIDE 6" WATER STOP OR POUR INTEGRAL WITH SLAB.
3. ALL CONCRETE SHALL BE CLASS "A" UNLESS OTHERWISE NOTED.

ISOLATION VALVE & FLOW METER DETAILS

NOT TO SCALE

THESE DRAWINGS HAVE BEEN ALTERED TO CONFORM TO CONSTRUCTION RECORDS
BY F.W. OTHON
DATE OCT - 1970
FORREST AND COTTON, INC.

STATE OF TEXAS
WILLIAM B. LONDON
11133
REGISTERED PROFESSIONAL ENGINEER

NORTH TEXAS MUNICIPAL WATER DISTRICT WYLIE ROCKWALL PIPELINE ISOLATION VALVE AND FLOW METER DETAILS	FORREST AND COTTON, INC. CONSULTING ENGINEERS DALLAS, TEXAS MAY, 1969	DESIGNED: J.V. GRAHAM DRAWN: F.W. OTHON APPROVED: WILLIAM B. LONDON	FILE NO. 488-39-22 SHEET NO. 22 OF 29 SHEETS