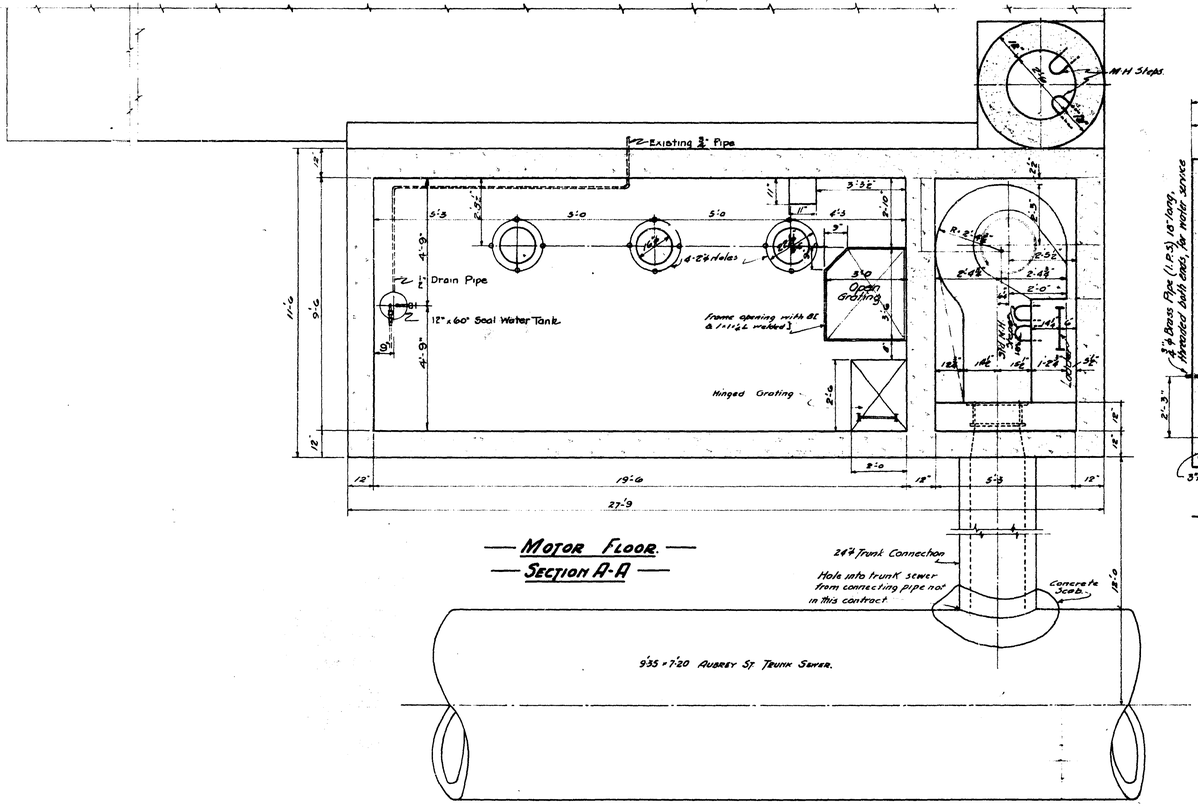
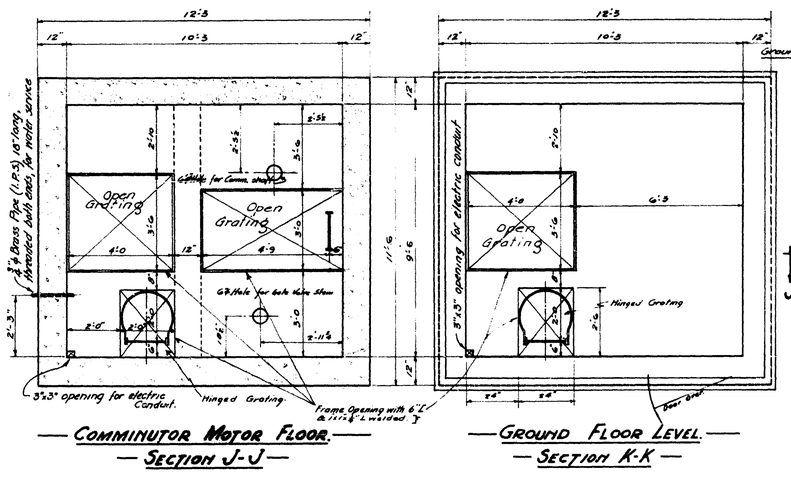
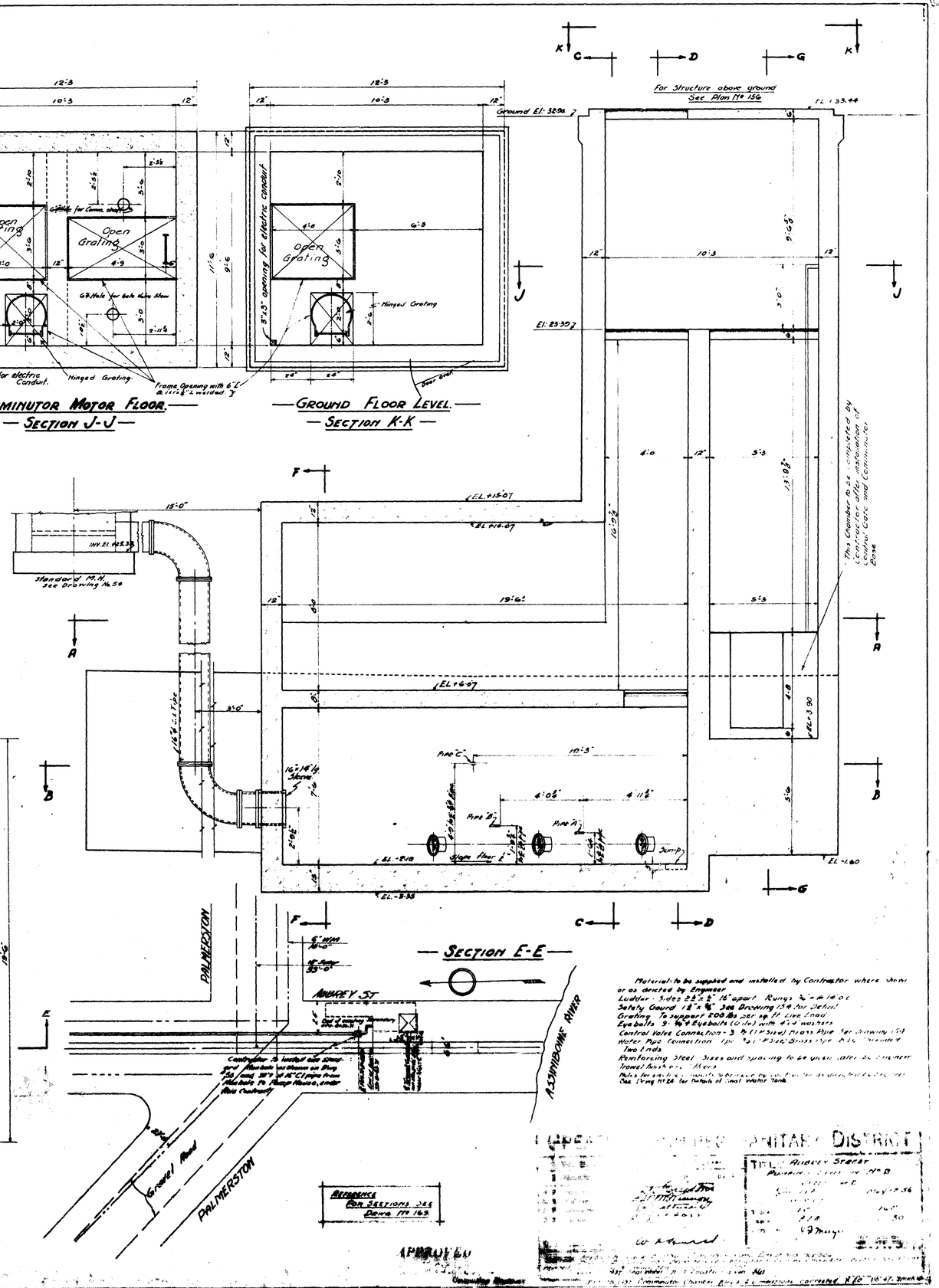
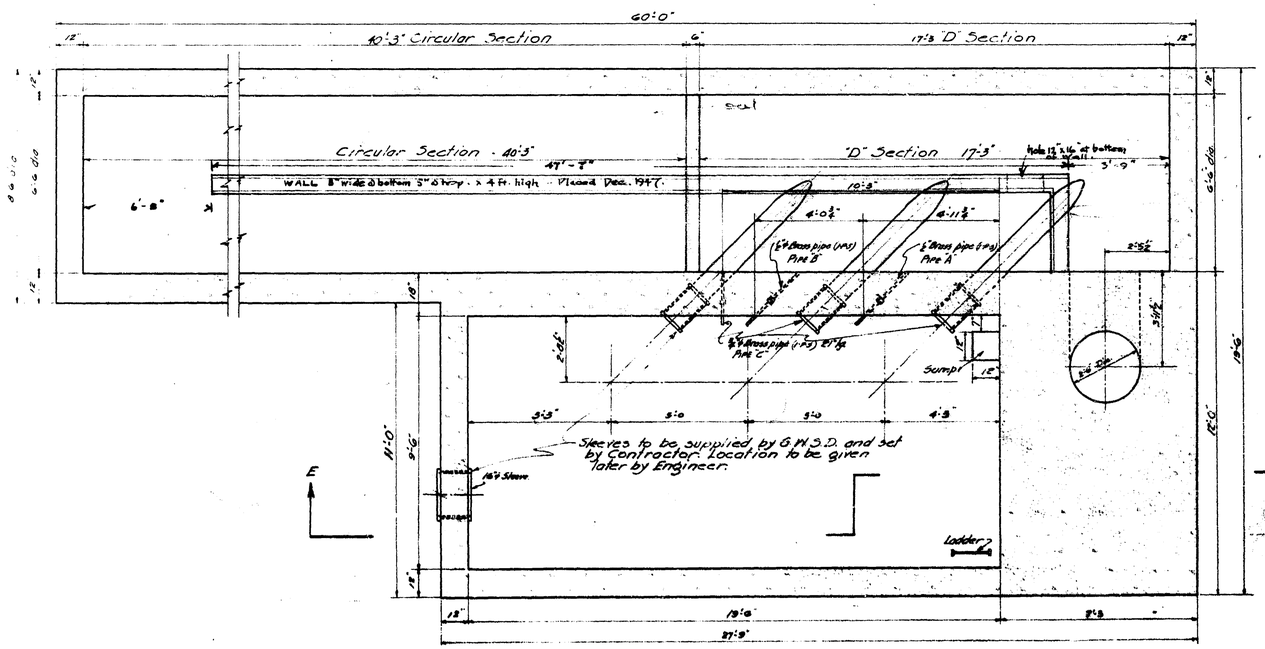

MH Steps
Existing 3" Pipe
Drain Pipe
12" x 60" Seal Water Tank.
4-2¾ Holes
Frame opening with 6L & 1"x1"x¼" welded
Open Grating
Hinged Grating
24" Trunk Connection
Hole into trunk sewer from connecting pipe not in this contract
Concrete Seals
9'35 x 7'20 AUBREY ST. TRUNK SEWER.
MOTOR FLOOR.
SECTION A-A


4" Brass Pipe (1.P.S.) 10'-0" long, threaded both ends, for water service
Open Grating
Hinged Grating
3"x3" opening for electric Conduit.
Frame Opening with 6"L & 1"x¼" welded T
COMMINUTOR MOTOR FLOOR.
SECTION J-J
3"x3" opening for electric conduit
Hinged Grating
Door Sill
GROUND FLOOR LEVEL.
SECTION K-K


For Structure above ground See Plan No 156
Ground El: 3206
El: 23307
Hinged Grating
This Chamber to be constructed by Contractor after installation of Control Gate and Comminutor
15'-0"
INV. El. 14.53
Standard M.H. See Drawing No. 54
EL. +15.07
EL. 6.07
EL. -8.10
Sump
EL. -5.93
EL. -1.60
Pipe C
Pipe D
Pipe A
Pipe B
SECTION E-E
PALMERSTON
AUBREY ST.
ASSINIBOINE RIVER
Gravel Road
PALMERSTON
Material to be supplied and installed by Contractor where shown or as directed by Engineer.
Ladder Sides 2½"x⅜" 16" apart Rungs ¾" ø @ 16" o/c
Safety Gauard 1½"x⅜" See Drawing 154 for Detail
Grating To support 100 lbs per sq ft live load
Eye bolts 9 - ¾" Eye bolts (Cable) with 4"ø washers
Control Valve Connection - 3 ft (1" Size) Brass Pipe for Drawing 154
Water Pipe Connection 1pc 3'-0" Size Brass Pipe, 6" c/c Threaded Two Ends
Reinforcing Steel Sizes and spacing to be given later by Engineer
Trowel finish on floors
Note for service, specific reference by use of letter as directed by the Engineer
See Drawing No 154 for Details of Steel Water Tank
REFERENCE FOR SECTIONS SEE DWG. No 169
APPROVED
Consulting Engineer
SANITARY DISTRICT
TITLE: AUBREY STREET


60'-0"
40'-3" Circular Section
17'-3 "D" Section
Seal
Circular Section - 40'-3"
"D" Section 17'-3"
WALL 8" wide @ bottom 5" @ top x 4 ft. high - Placed Dec. 1947
Sleeves to be supplied by G.W.S.D. and set by Contractor. Location to be given later by Engineer.
Sump
Ladder
PUMP FLOOR.
SECTION B-B