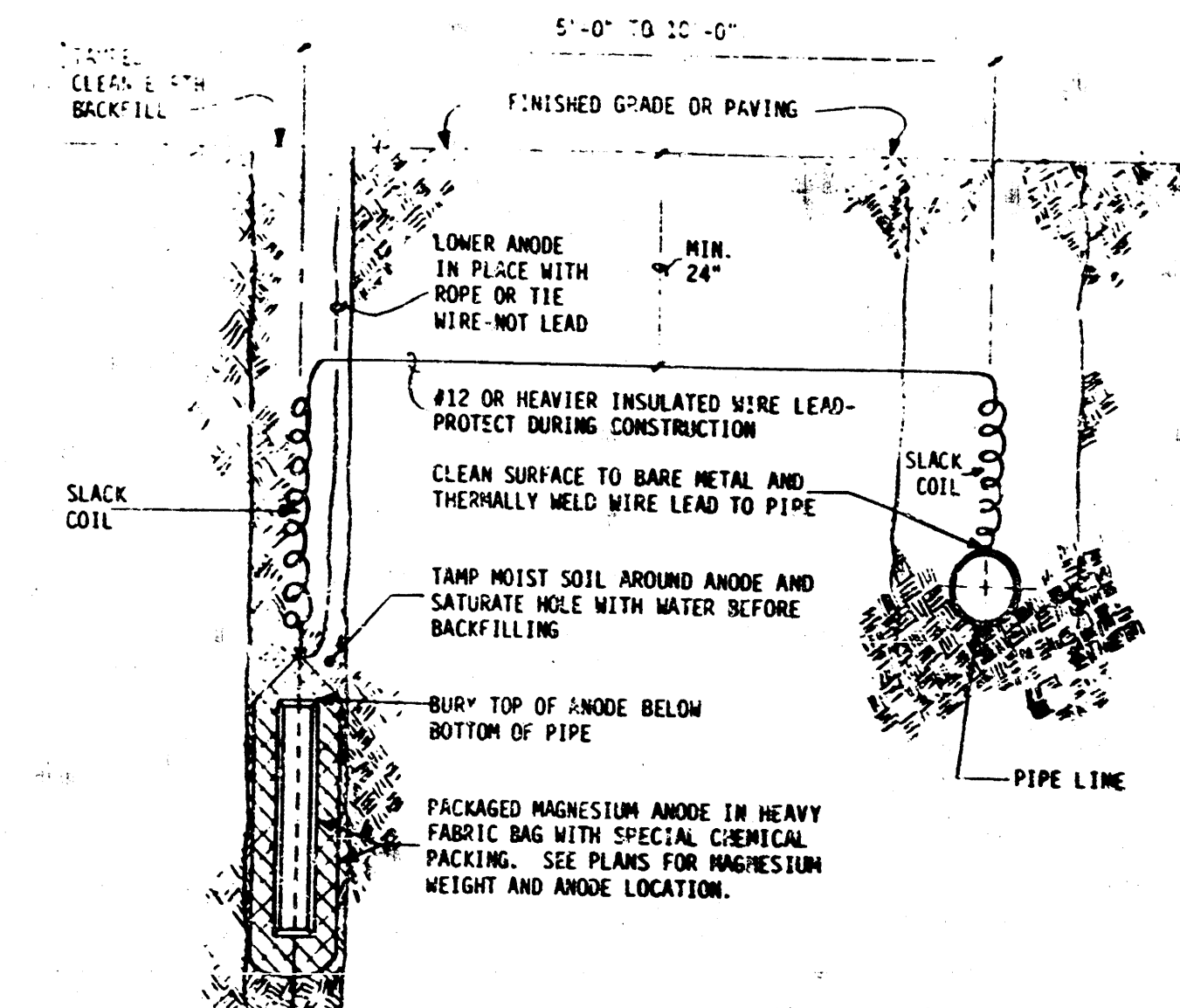


NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will prepay the City of Wichita for all costs of Inspection.

Note : All Water Mains and Appurtenances shall be installed in accordance with Standard Specifications for Water Mains Installations, 14533.

- NOTES:
- UM-1-01 ALL SITE UTILITY LINES ARE UNLESS INDICATED AS EXISTING.
- UM-1-02 LOCATIONS OF EXISTING SITE UTILITY LINES WERE TAKEN FROM ORIGINAL CONSTRUCTION DRAWINGS AND FIELD VERIFICATION. DEPTH, LOCATION, OF EXISTING LINES IN AREAS WHERE NEW CONSTRUCTION OCCURS, MAY VARY FROM CONTRACTOR TO EXISTING LINES MUST BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- UM-1-03. SEE SITE ELECTRICAL PLAN FOR LOCATION AND EXTENT OF ELECTRICAL UTILITIES.
- UM-1-04 ALL PIPING INSTALLED UNDER PAVING OR ASPHALT DRIVES SHALL BE INSTALLED ON SAND BED, BACKFILL WITH SAND, AND BACKFILL COMPACTED BY WATER FLOCCING. ASPHALT SHALL BE SAW CUT.
- UM-1-05 CONTRACTOR SHALL BEAR ALL COSTS FOR GAS, WATER, AND SEWER SERVICE TO PLANT, SET METERS, AND INSTALL NEW PIPING, ETC.
- UM-1-06 CONTRACTOR PAY ALL COSTS TO FURNISH AND INSTALL NEW WATER AND GAS METER.
- UM-1-07 FIRE PROTECTION CONTRACTOR SHALL VERIFY SIZE OF WATER SERVICE LINES TO ASCERTAIN THAT THEY ARE OF ADEQUATE SIZE. IF HYDRAULIC CALCULATIONS SHOW A LARGER LINE SIZE IS REQUIRED, CONTRACTOR SHALL FURNISH AND INSTALL THAT SIZE AT HIS OWN EXPENSE.
- UM-1-08 ALL GROUND LEVELMENTS MUST BE RATED FOR 85,000 POUND TRUCK TRAFFIC.
- UM-1-09 MOST RECENT RECORDED FLOW TEST PROVIDED BY CITY OF WICHITA TAKEN ON 6-7-79 AT CONDUIT OF PALISADE AND 47TH STREETS:
FLOW: 1900 CPM
STATIC: 90 PSIG
RESIDUAL: 70 PSIG
- UM-1-10 EXISTING FIRE PROTECTION SHOP DRAWINGS INDICATE 0.25 GPM DENSITY MOST REMOTE ADOPT SQ-FT. WITH 130 SQ-FT. SPRINKLER SPACING.
- UM-1-11 CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STATE OF KANSAS TO DESIGN, ENGINEER, PROFILE, SURVEY, INSTALL, AND PERFORM ALL OTHER SERVICES REQUIRED BY AND IN CONFORMANCE WITH CITY OF WICHITA DEPARTMENT OF ENGINEERING AND SURVEYING. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM CITY OF WICHITA DEPARTMENT OF ENGINEERING AND SURVEYING. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM CITY OF WICHITA DEPARTMENT OF ENGINEERING AND SURVEYING. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM CITY OF WICHITA DEPARTMENT OF ENGINEERING AND SURVEYING. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM CITY OF WICHITA DEPARTMENT OF ENGINEERING AND SURVEYING.
- UM-1-12 REFERENCE DRAWING M-1, M-2, M-3, AND M-8 FOR LOCATION OF PNEUMATIC TUBE STATIONS. SEE SPECIFICATIONS FOR TUBE SIZES, MATERIALS, AND INSTALLATION DETAILS.
- UM-1-13 CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM CITY OF WICHITA DEPARTMENT OF ENGINEERING AND SURVEYING. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM CITY OF WICHITA DEPARTMENT OF ENGINEERING AND SURVEYING. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM CITY OF WICHITA DEPARTMENT OF ENGINEERING AND SURVEYING. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM CITY OF WICHITA DEPARTMENT OF ENGINEERING AND SURVEYING.
- UM-1-14 TAP EXISTING 12" CAST IRON WATER LINE FOR NEW DOMESTIC SERVICE. COORDINATE WITH CITY OF WICHITA WATER DEPARTMENT.
- UM-1-15 PROVIDE NEW DOMESTIC WATER METER AND PIT AS INDICATED, AS SPECIFIED AND AS DETAILED ON THESE DRAWINGS PER CITY OF WICHITA STANDARDS AND SPECIFICATIONS.
- UM-1-16 REMOVE EXISTING 2" DOMESTIC WATER SERVICE TO MAINTENANCE BUILDING AND REPLACE WITH 3" - SEE P-3 FOR CONTINUATION.
- UM-1-17 CONNECT WATER SERVICE TO MANUFACTURING BUILDING. SIZE IS 8".
- UM-1-18 RECONNECT 2" WATER SERVICE TO BUILDING.
- UM-1-19 PROVIDE VALVE BOX WHERE INDICATED. BOX TO BE STANDARD CITY OF WICHITA PER CAN WITH GATE VALVE.
- UM-1-20 BURY ALL SITE WATER PIPING WITH MINIMUM OF 48" OF BACKFILL COVER.
- UM-1-21 EXISTING GAS METER AND REGULATOR TO BE REMOVED. CAP EXISTING 6" GAS PIPING UNDERGROUND PER GAS SERVICE COMPANY REQUIREMENTS.
- UM-1-22 NEW MEDIUM PRESSURE GAS METER (3" SERVICE) WITH SHUTOFF VALVES.



ALL SURFACES OF THE UNDERGROUND PIPING SHALL BE THOROUGHLY CLEANED TO REMOVE ALL OIL, GREASE, AND DIRT. RUST, MILL SCALE, WELD SCALE, AND OTHER FOREIGN MATERIAL, PRIOR TO THE APPLICATION OF ANY COATING. THIS SHALL BE ACCOMPLISHED BY THE USE OF SUITABLE SOLVENTS TO REMOVE OIL AND GREASE, AND BY MEANS OF A BRUSH OR SAND BLASTING TO REMOVE DIRT, RUST, AND SCALE.

PROTECTIVE COATING FOR UNDERGROUND PIPE SHALL CONSIST OF COAT PA PRIMER, 3/32" THICK COATING OF HOT COAT, TAR ENAMEL, FIBROUS GLASS TAP, 1/32" THICK COATING OF HOT COAT TAR ENAMEL, BONDED TO THE FIBROUS GLASS TAP, AND A FINAL COATING OF HOT COAT TAR ENAMEL. COATING TESTING, HANDLING, AND INSTALLATION SHALL BE IN ACCORDANCE WITH AWWA G203 TOGETHER WITH THE APPLICABLE SECTIONS IN THE APPENDIX OF THESE SPECIFICATIONS.

COATING MATERIALS SHALL BE STORED ON FIELD. IF SHOP APPLIED, ALL DAMAGED AREAS SHALL BE REPAIRED AND FIELD WELD SHALL BE REPAIRED.

③ PIPE PROTECTION DETAIL
NO SCALE

Sanitary Sewer and Water Supply
Pepsi Cola Bottling Co.
KEY MAP & WATER LINE PLAN
Professional Engineering Consultants P.A.
Wichita, Kansas
City of Wichita Proj. No. 468-78-245-80000-000-000-008

A BOTTLING FACILITY
FOR
101 W. 40th St. Bldg.
WICHITA, KANSAS 67217
SITE UTILITIES-MECHANICAL

JUNE-1

① MECHANICAL & PLUMBING SITE UTILITY PLAN
No Scale



McCREARY • SWANSON & ASSOCIATES
ARCHITECTS • ENGINEERS

5200 SO. HARVARD
SUITE 8-G

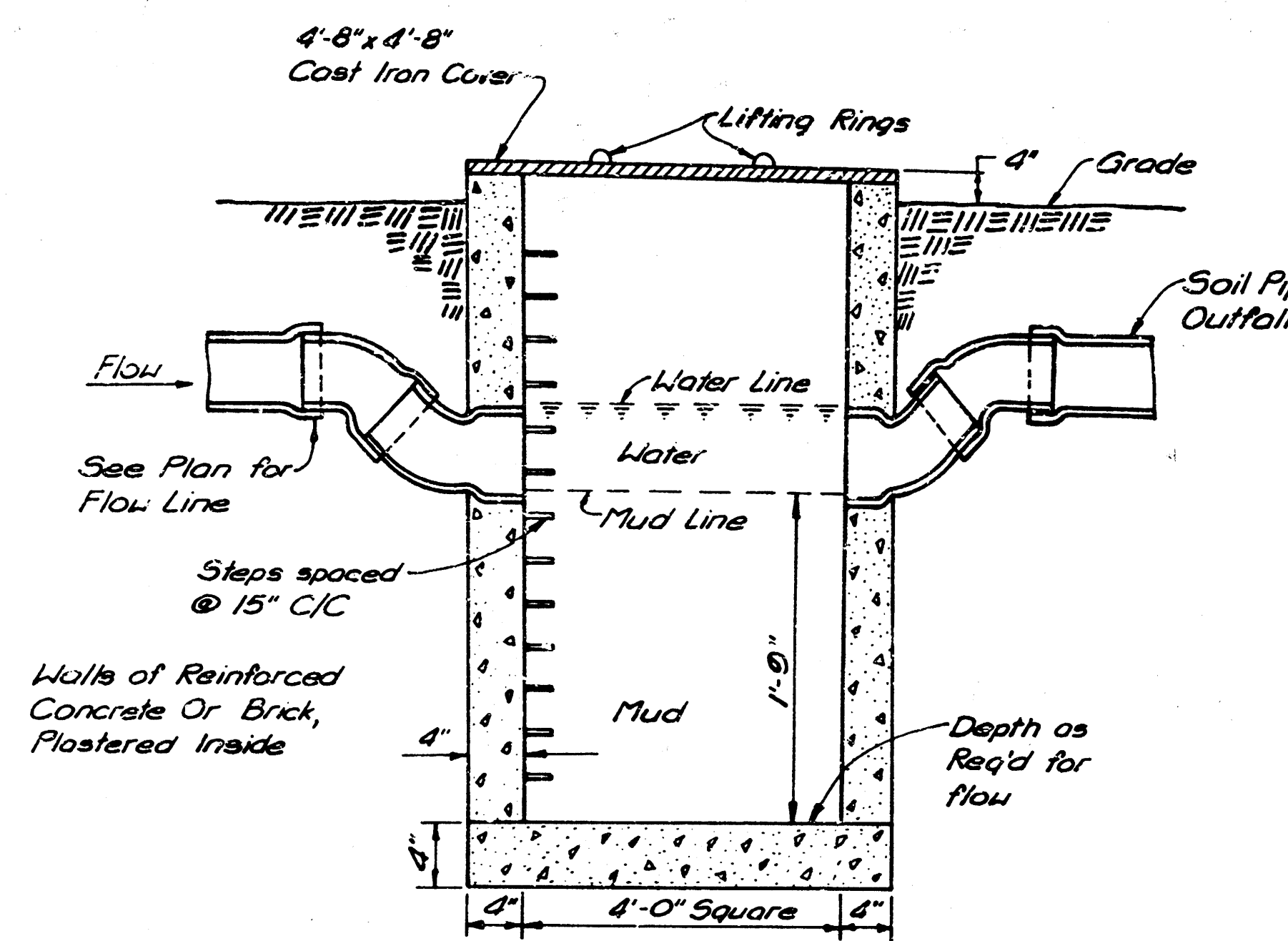
TULSA, OKLA., 74135
TELEPHONE (918) 749-2231

Revisions: 4/17/01
 DELETED INTERCOM
 1 SETTING BACK AT
 MAINT. BLDG. R-1
 SAME AT VEND. BLDG.
 Date: 4-7-01
 Drawn by:
 Checked by: KHB
 Job No. 7000

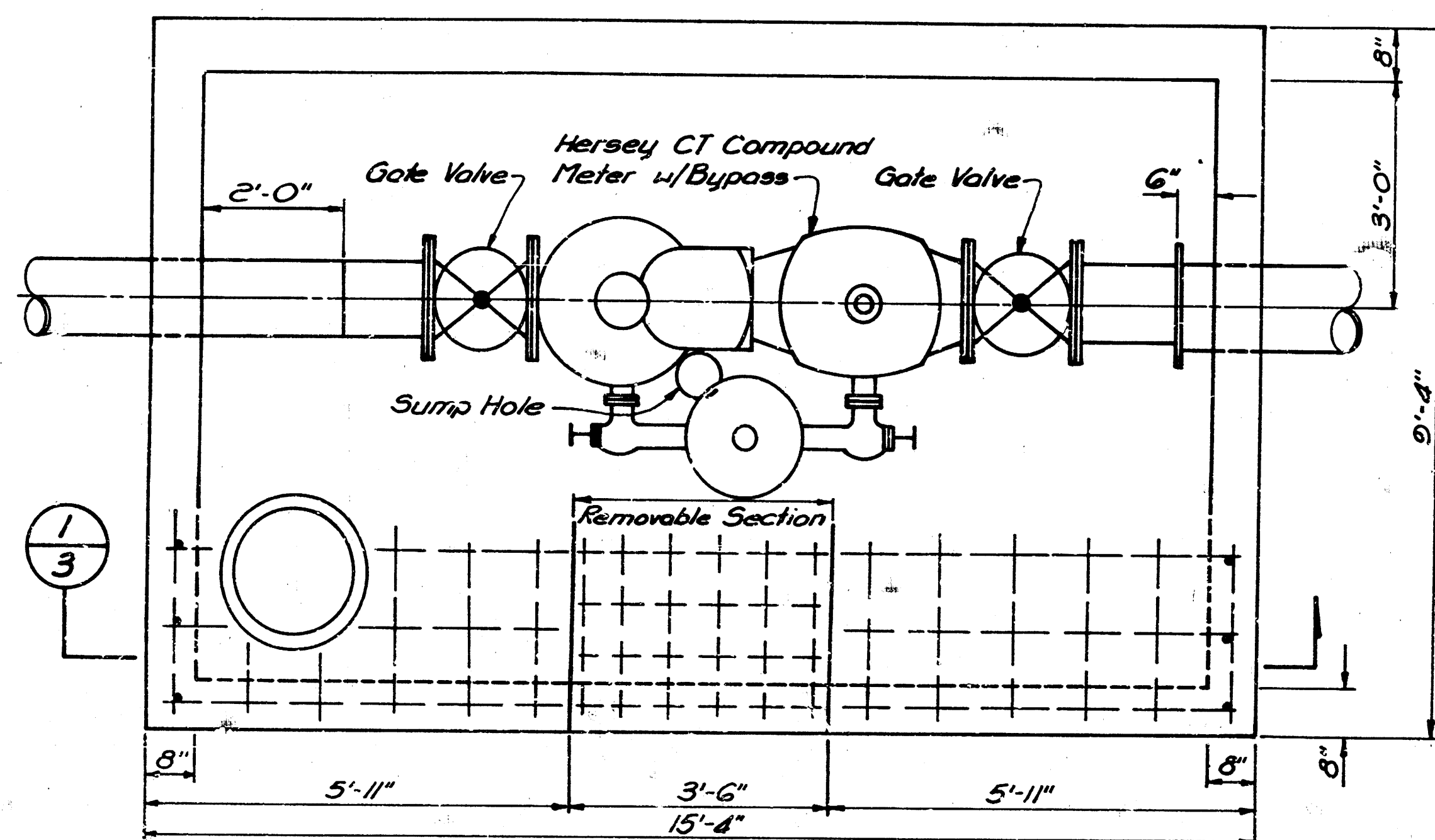


Lee & Browne
Consulting Engineers, Inc.
Tulsa, Oklahoma

A BOTTLING FACILITY
FOR
101 W. 40th St. Bldg.
WICHITA, KANSAS 67217
SITE UTILITIES-MECHANICAL

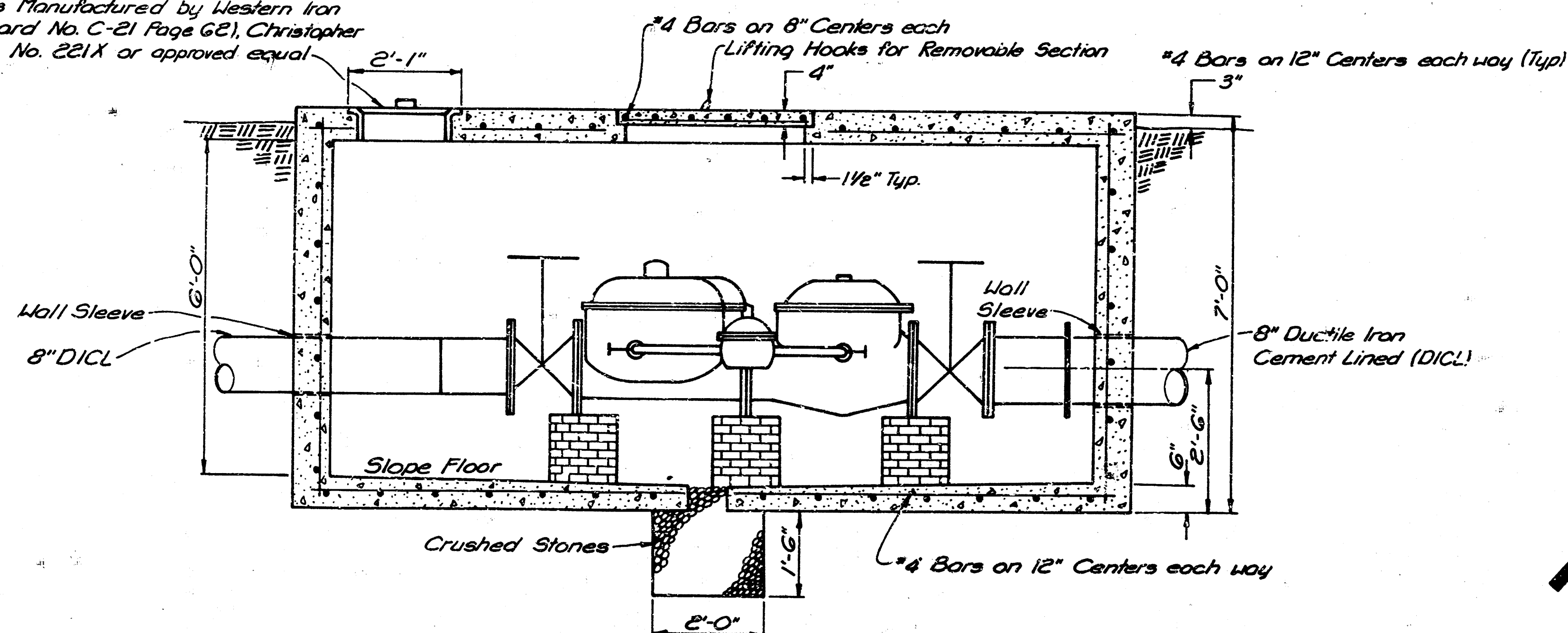


Settling Basin
No Scale

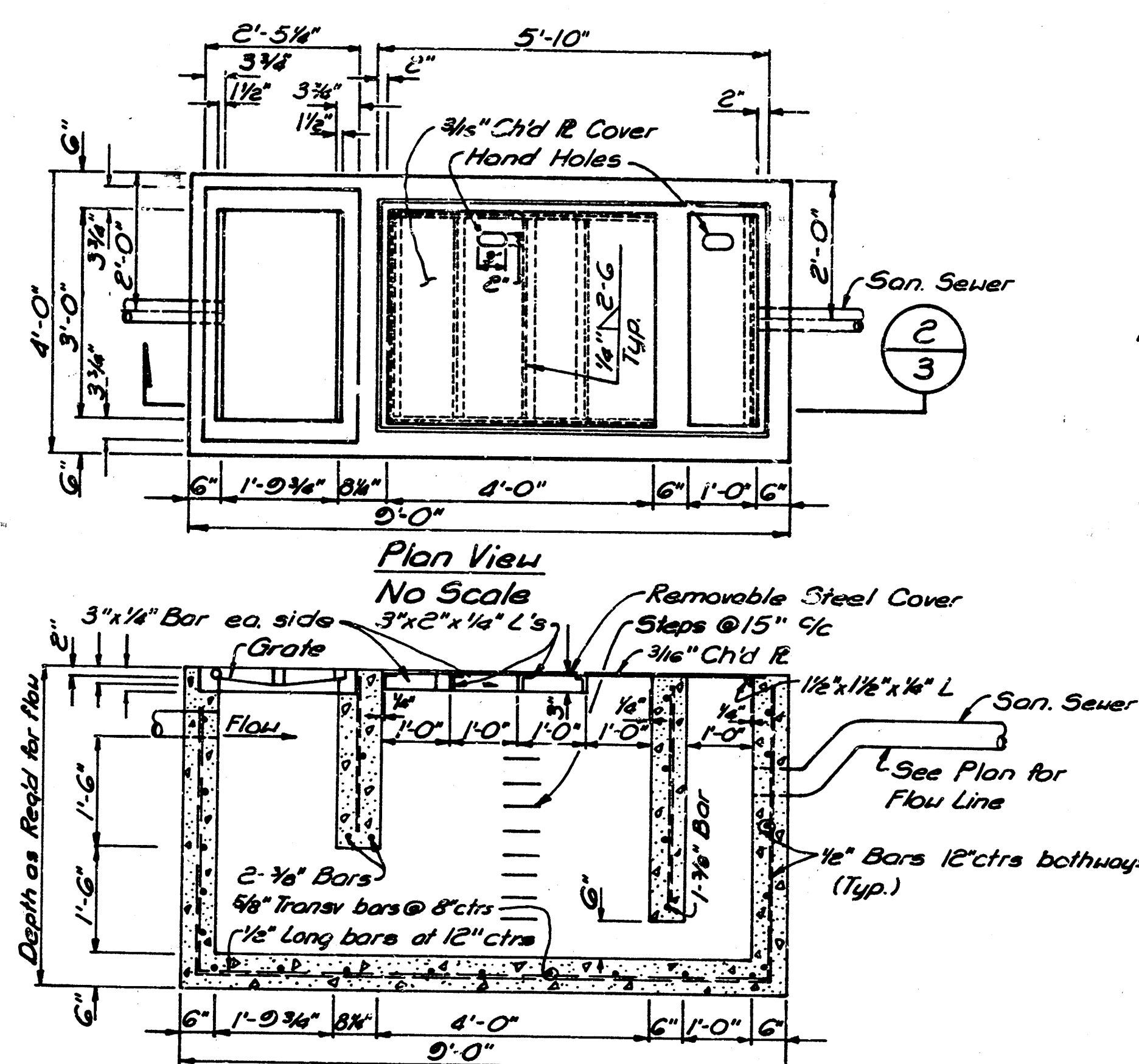


Plan
No Scale

Manhole Ring and Lid to be of Lightweight Material as Manufactured by Western Iron (Catalog Card No. C-21 Page 62), Christopher & Son, Inc. No. 221X or approved equal.

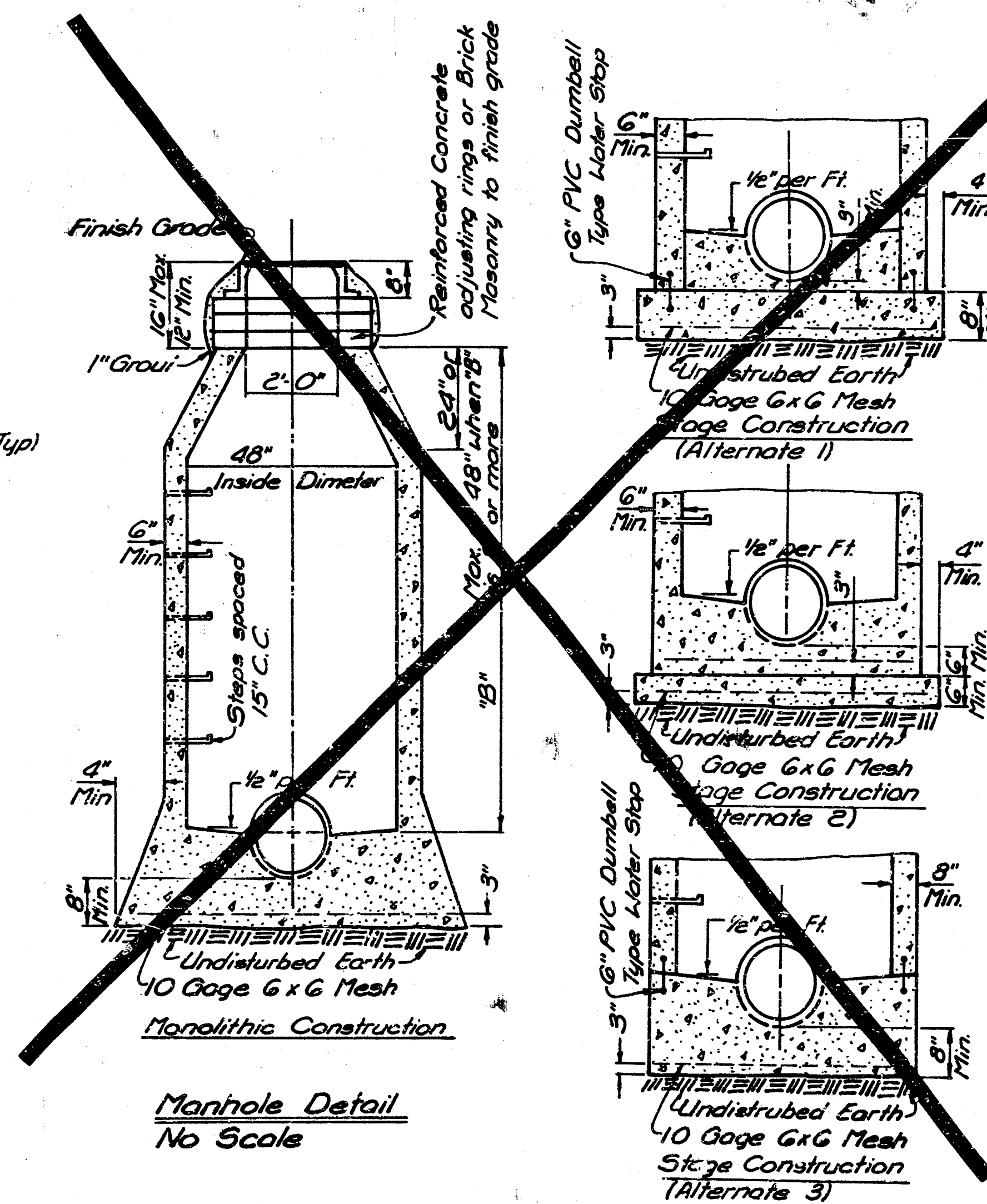


Section 1/3
No Scale
Water Meter Pit Detail



Section 2/3
No Scale
Interceptor

Note: Top elevation of interceptor structures shall be at least 4 inches above finish grade.

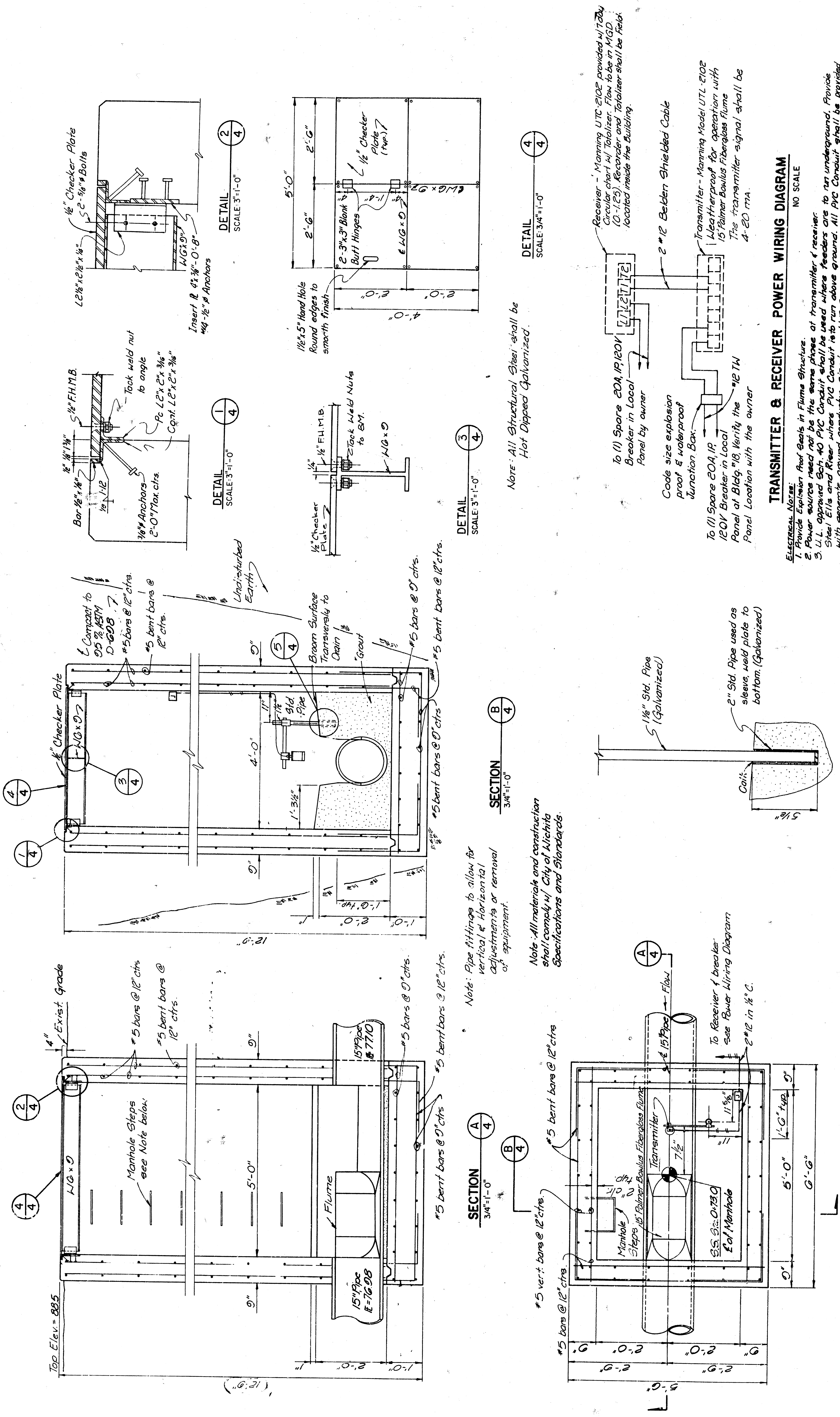


Manhole Detail
No Scale

Details on this Sheet as designed by Lee & Brown, Consulting Engineers, Tulsa, Ok, and shown here for information only. For Construction Notes and Details Contractor shall refer to Plan Sheets U11-1, P-9, P-10 and referenced drawings in the Project Plans.

Note: Contractor shall construct Standard City of Wichita Manholes of the types required in the plans.

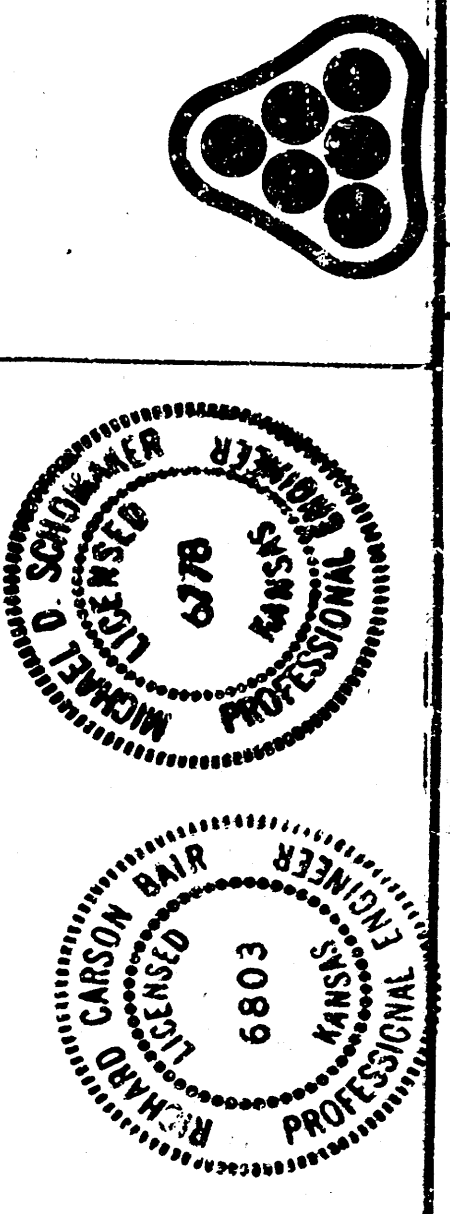
No.	Revision	By	Date
Sanitary Sewer and Water Supply Pepsi Cola Bottling Co.			
Detail Sheet			
City of Wichita Proj. No. 468-76-245-80000-000-008			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.			
ENGINEERS WICHITA, KANSAS			
Designed by	Job No.	Sht. 3 of 4	
Drawn by	Date		



Note: Manhole steps for the Flume Structure shall be M.A. Industries Model PG-1-PF. M.A. Industries are located in Peach Tree City, GA. Tele. (404) 487-7761, Ext. 311.

TRANSMITTER & RECEIVER POWER WIRING DIAGRAM

- Electrical Notes:**
1. Provide Expansion Joint Seals in Flume Structure.
 2. Power source need not be the same phase or transmitter / receiver.
 3. U.L. approved 600 KV PVC Conduit shall be used where feedings are to run underground. Provide Size 1/2" Eells and Riser where PVC Conduit is to run above ground. All PVC Conduit shall be provided with separate ground conductor, sized per N.E.C.
 4. The 1/2" Conduit shall be installed underground to the Building.
 5. The transmitter / receiver shall be provided with a one year warranty from year supply of int. i. charts. One day start up service shall be provided by the equipment manufacturer to calibrate and start up transmitter / receiver.



Sanitary Sewer and Water Supply
Pepsi Cola Bottling Co

FLOW METER MANHOLE DETAIL

City of Wichita Proj. No. 468-78-245-80000-000-000-008

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS