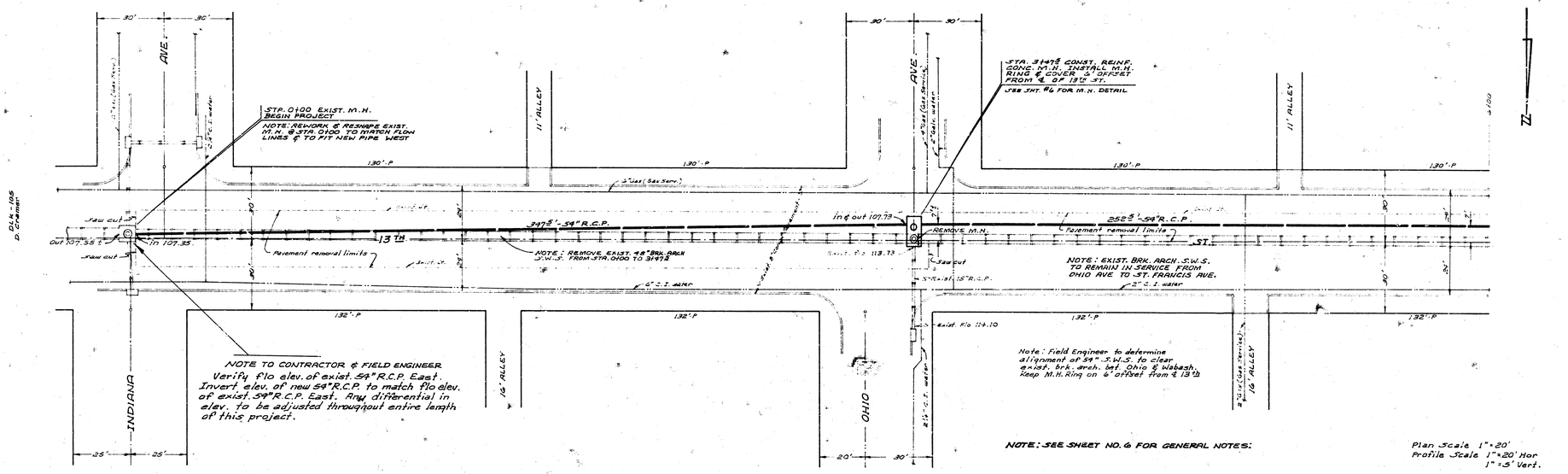
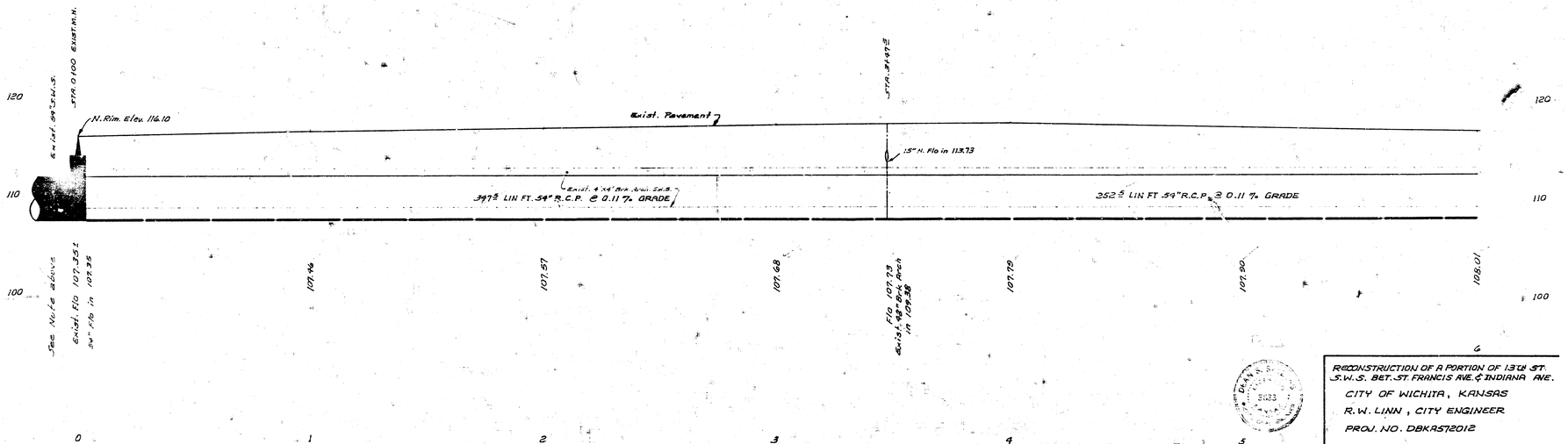
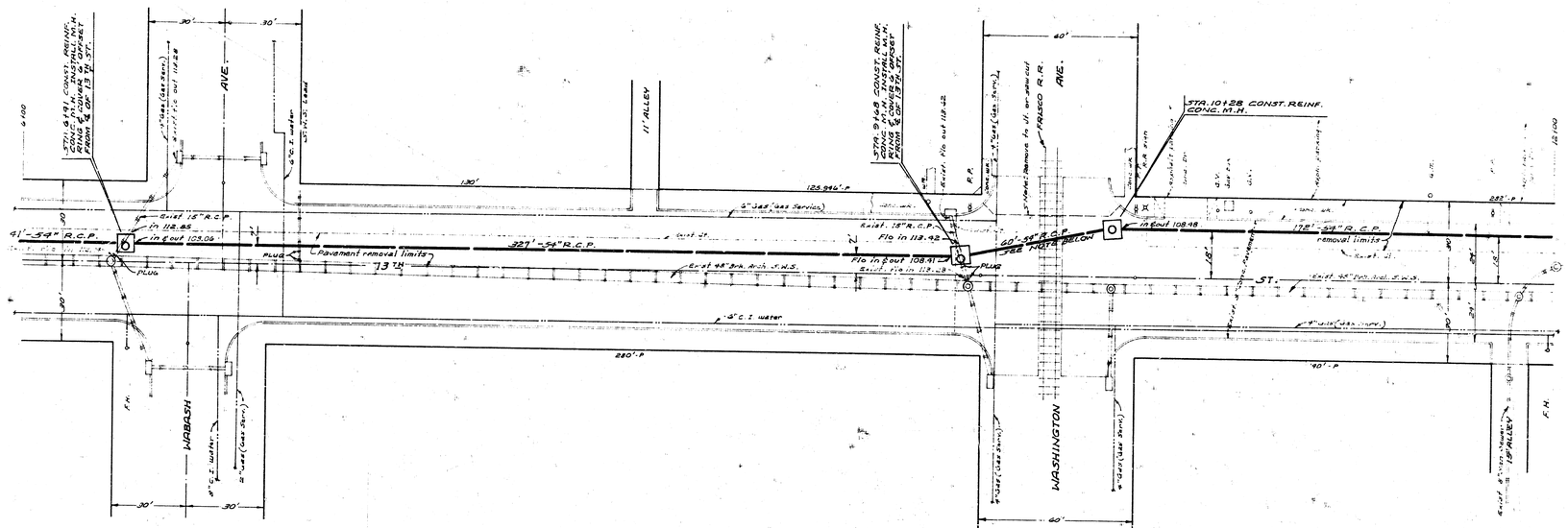
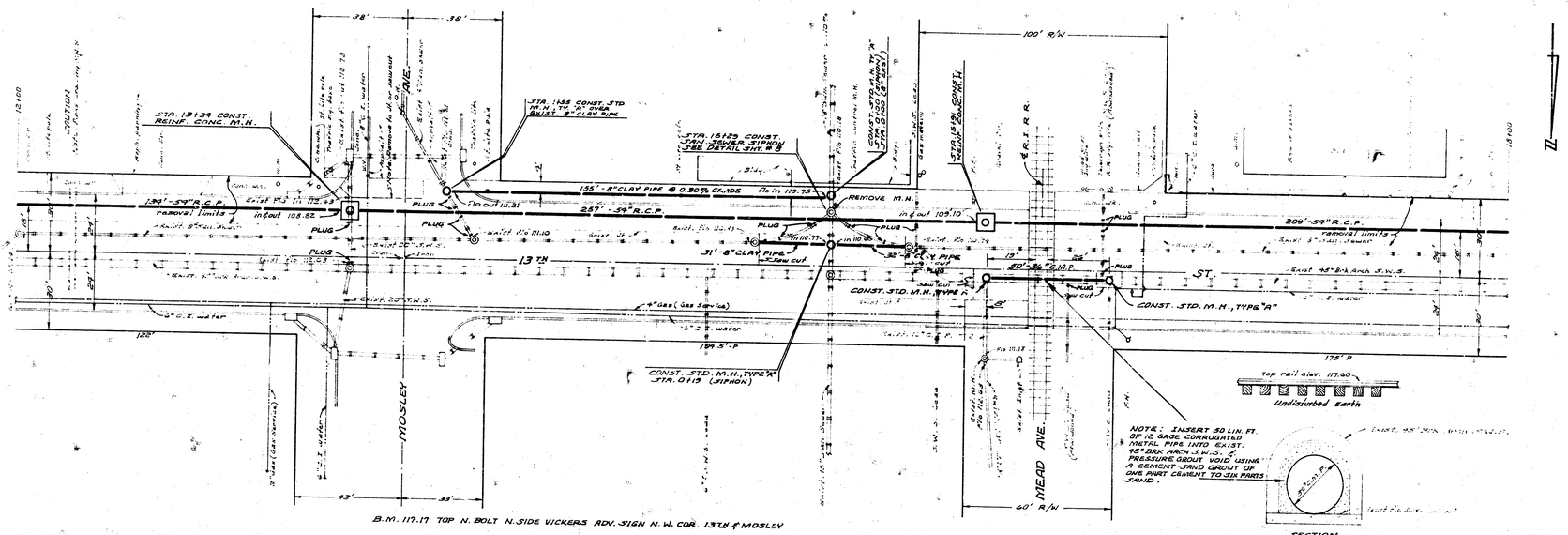
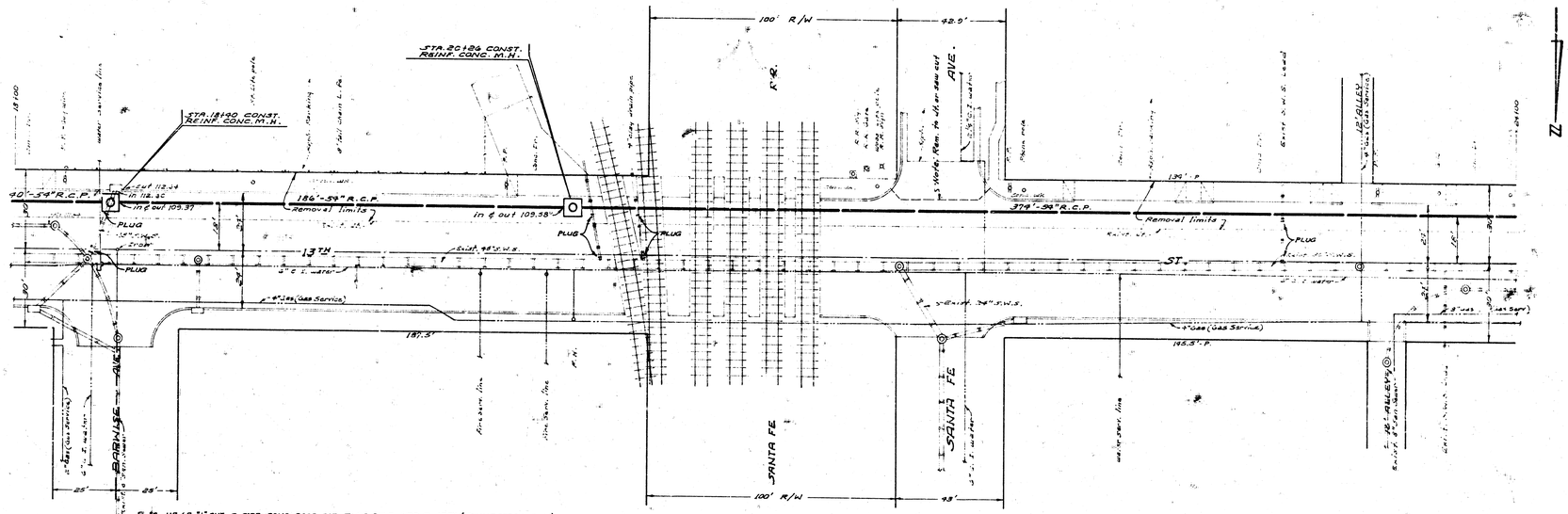


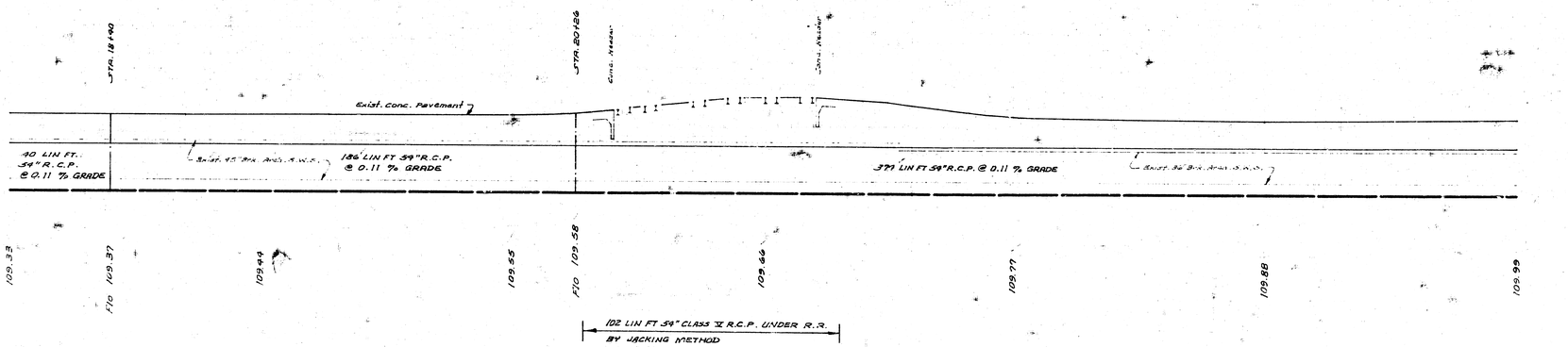


RECONSTRUCTION OF A PORTION OF 13TH ST. S.W.S. BET. ST. FRANCIS AVE. & INDIANA AVE.
CITY OF WICHITA, KANSAS
R.W. LINN, CITY ENGINEER
PROJ. NO. DBKA572012
DATE: 3-14-72 SHEET 1 OF 8


STA. 9+91 CONST. REINF. CONC. M.H. INSTALL M.H. SINGLE OPENING CAP. FROM ℄ OF 13TH. ST.
STA. 9+68 CONST. REINF. CONC. M.H. INSTALL M.H. SINGLE OPENING CAP. FROM ℄ OF 13TH. ST.
STA. 10+28 CONST. REINF. CONC. M.H.
41' -54" R.C.P.
Exist. 15" R.C.P. in 112.85
in ℄ out 103.06
Pavement removal limits
PLUG
73 TH
327' -54" R.C.P.
Exist. 15" R.C.P.
Flo in ℄ out 108.41
Flo in 113.92
60' -54" R.C.P.
Flo in 113.42
in ℄ out 108.98
172' -54" R.C.P.
removal limits
ST.
Exist. 48" Brk. Arch. S.W.S.
Exist. 48" Rein. Conc. S.W.S.
Exist. 42" Brk. Arch. S.W.S.
Exist. 42" Rein. Conc. S.W.S.
Exist. 8" Vitrified Clay Sewer
Exist. 8" Rein. Conc. Sewer
Exist. 12" Rein. Conc. Sewer
Exist. 8" Tile (Gas Service)
Exist. 6" Tile (Gas Service)
Exist. 2" Gas (Gas Service)
Exist. 4" Gas (Gas Service)
Exist. 6" C.I. water
Exist. 8" C.I. water
Exist. 12" C.I. water
Exist. 4" Water (Gas Service)
Exist. 8" Water (Gas Service)
Exist. 8" Vitrified Clay Sewer
Exist. 8" Rein. Conc. Sewer

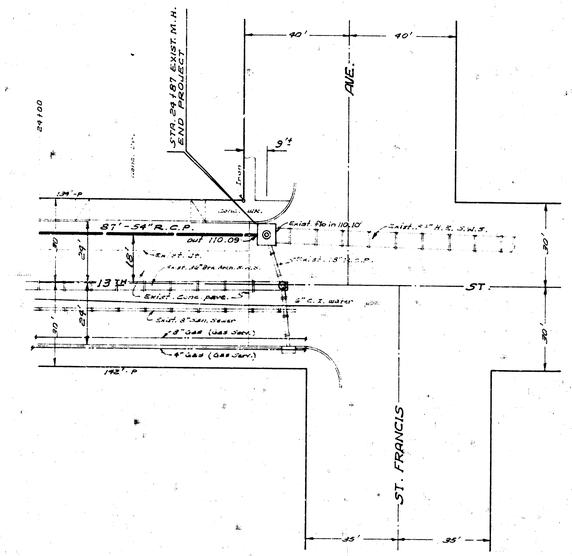

STA. 13+24 CONST. REINF. CONC. M.H.
STA. 1456 CONST. STD. M.H., TY. "A" OVER EXIST. 8" CLAY PIPE
STA. 15+29 CONST. 30" SIPHON SEE DETAIL SHT. NO 8
CONST. STD. M.H. TY. "A" STA. 0+00 (SIPHON)
STA. 15+91 CONST. REINF. CONC. M.H.
REMOVE M.H.
R.I. R.R.
CAUTION
EXIST. 42" R.C.P.
EXIST. 54" R.C.P.
139'-54" R.C.P. removal limits
257'-54" R.C.P.
209'-54" R.C.P. removal limits
135'-8" CLAY PIPE @ 0.30% GRADE
31'-8" CLAY PIPE
13 TH
ST.
MOSLEY
MEAD AVE.
EXIST. 42" B.W.S.
EXIST. 20" W.S.
EXIST. 8" W.S.
EXIST. 6" W.S.
EXIST. 4" GAS (GAS SERVICE)
EXIST. 8" C.I. WATER
EXIST. 6" C.I. WATER
EXIST. 3" CAST IRON SEWER
EXIST. 8" VIT. SEWER
EXIST. 10" VIT. SEWER
EXIST. 12" VIT. SEWER
EXIST. 15" VIT. SEWER
EXIST. 18" VIT. SEWER
EXIST. 24" VIT. SEWER
EXIST. 30" VIT. SEWER
EXIST. 36" VIT. SEWER
EXIST. 42" VIT. SEWER
EXIST. 48" VIT. SEWER
EXIST. 54" VIT. SEWER
EXIST. 60" VIT. SEWER
EXIST. 66" VIT. SEWER
EXIST. 72" VIT. SEWER
EXIST.

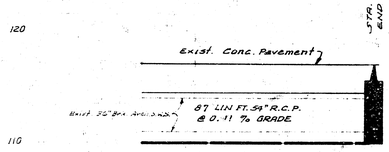




DLK-105 & 106

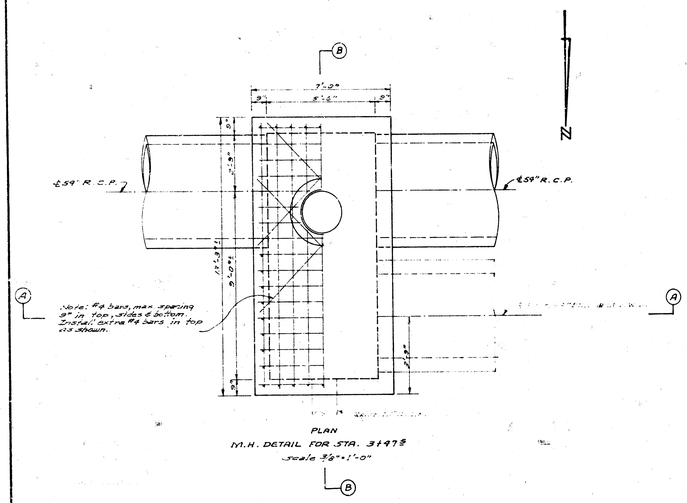
RECONSTRUCTION OF A PORTION OF 13TH ST. S.W.S. BET. ST FRANCIS RAIL & INDIANA AVE.
PROJECT NO. DBKA512012
SHEET 4 OF 8



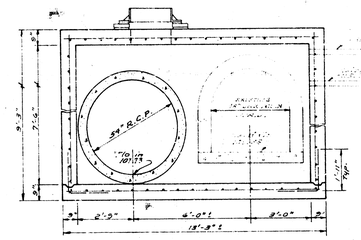


24 25

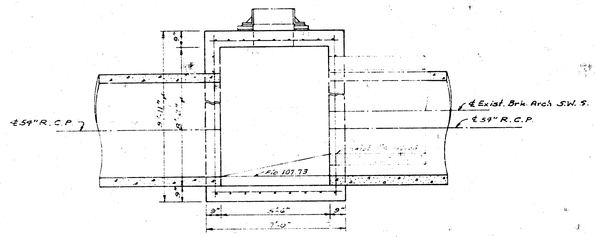
RECONSTRUCTION OF A PORTION OF 13TH ST.
S.W.S. BET ST FRANCIS AVE. & INDIANA AVE.
PROJECT NO DBKA-512012
SHEET 5 OF 8



PLAN
M.H. DETAIL FOR STA. 3+47±
Scale 3/8"=1'-0"



SECTION "B"
Scale 3/8"=1'-0"



SECTION "A"
Scale 3/8"=1'-0"

GENERAL NOTES:

#1 All pipe abandoned in place shall be filled with sand & cost incurred shall be considered incidental to the project.

#2 The removal of exist. 48" brick arch S.W.S. from Indiana Ave. to Ohio Ave. shall be bid as lin. ft. 48" brick arch rem. Cost incurred removing other size pipes shall be considered incidental to the proj.

#3 "Service Connections" The bid item service connections shall be for the connection of service leads to the new sewer system. The price bid shall include replacing the service leads that are broken or damaged & shall be replaced as far back as necessary* to make a good connection as determined by the Field Engineer. Also shall include any other incidental that may occur. The Contractor shall determine the location of service leads by careful inspection when installing new system. *(within Street R/W).

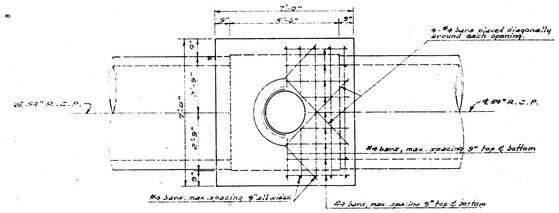
#4 The repair of exist. 45" brick arch S.W.S. under the R.R. @ Mead Ave. shall be bid as a lump sum item "15" brick arch repair" & shall include 36" C.M.P., filling void with grout, cost of jacking pipe into place & any other incidental necessary to complete the repair. Manholes constructed @ ea. end of repair section shall be bid as type "A" Manholes.

#5 The lump sum bid item "siphon" shall include pipe, bends, fittings, reinf. conc. encasement & any other incidental necessary to complete the siphon. Manholes constructed @ ea. end of siphon shall be bid as type "A" Manholes.

#6 All pipe plugs shall be considered incidental to the project.

#7 "Underground Services" Water, gas, sewer, telephone, electricity and any other installation in the vicinity of the work to be done are shown on the plans. The accuracy of this information is not guaranteed. The contractor shall make every effort to locate all underground utilities and service connections by contacting owners thereof and by prospecting in advance of the excavation. Any delay or extra cost to the contractor from underground installations or service connections not shown on the plans or found in different locations as indicated shall not constitute a claim for additional payment, extra work or damages.

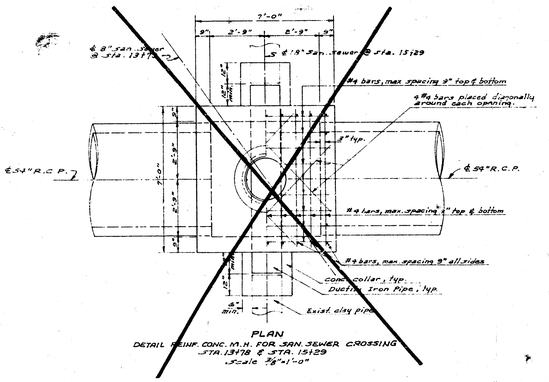
RECONSTRUCTION OF A PORTION OF 13TH ST. S.W.S. BET. ST FRANCIS AVE. & INDIANA AVE.
PROJECT NO. DBKA572012
SHEET 6 OF 8



PLAN

DETAIL REINF. CONC. M.H. FOR STA. 6+41, 9+68
10+28, 13+34, 15+91, 18+40 & 20+26

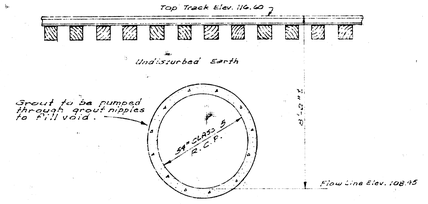
Scale 3/8"=1'-0"



PLAN

DETAIL REINF. CONC. M.H. FOR SAN. SEWER CROSSING
STA. 13+78 & STA. 15+29

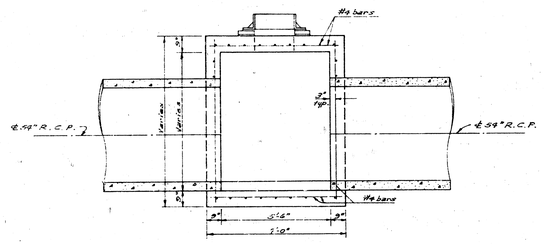
Scale 3/8"=1'-0"



TYPICAL SECTION

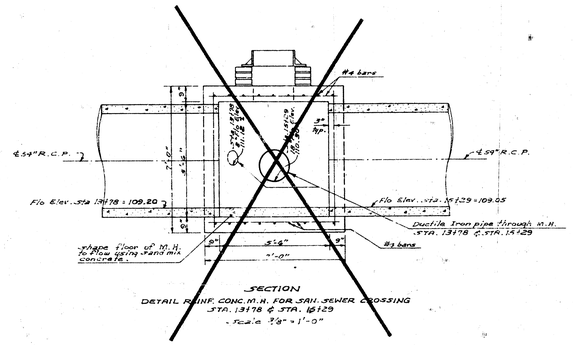
FRISCO R.R. CROSSING STA. 9+89± TO 10+15±

Note: Pipe to be installed by jacking method



SECTION

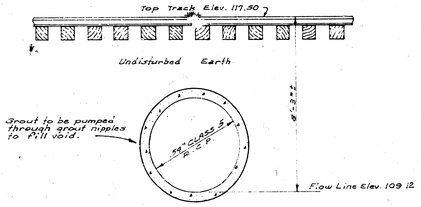
Scale 3/8"=1'-0"



SECTION

DETAIL REINF. CONC. M.H. FOR SAN. SEWER CROSSING
STA. 13+78 & STA. 15+29

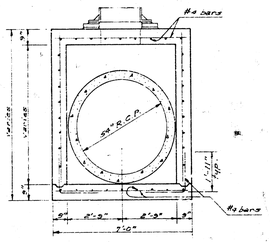
Scale 3/8"=1'-0"



TYPICAL SECTION

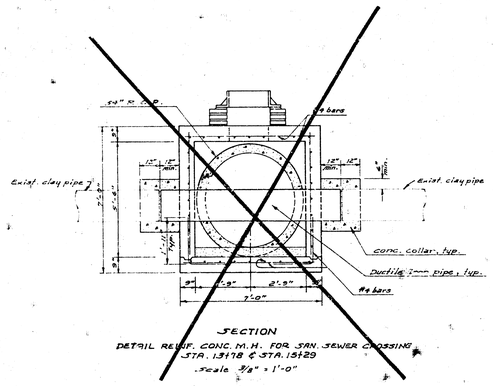
ROCK ISLAND R.R. CROSSING STA. 13+99± TO 14+29±

Note: Pipe to be installed by jacking method



SECTION

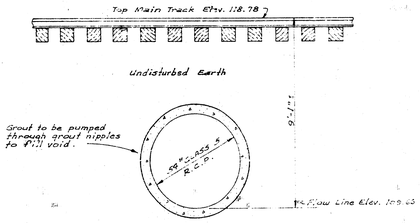
Scale 3/8"=1'-0"



SECTION

DETAIL REINF. CONC. M.H. FOR SAN. SEWER CROSSING
STA. 13+78 & STA. 15+29

Scale 3/8"=1'-0"

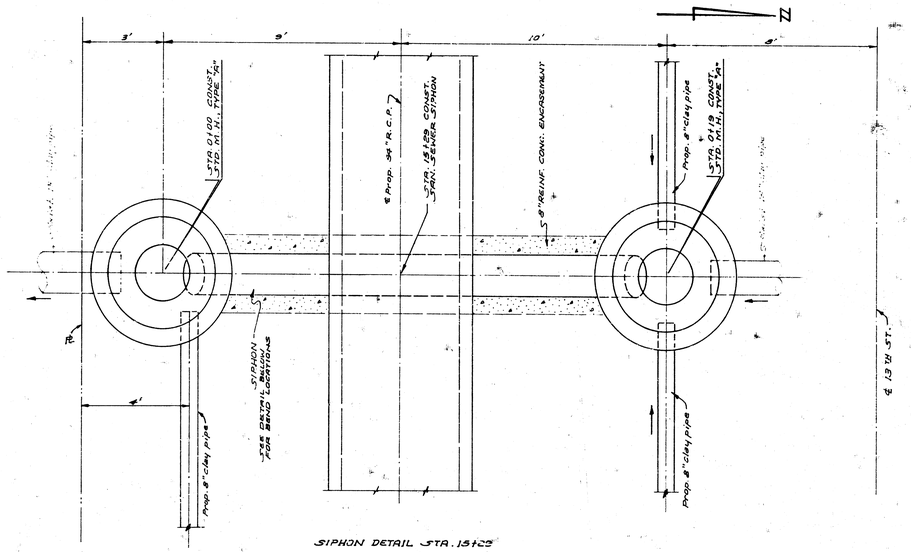


TYPICAL SECTION

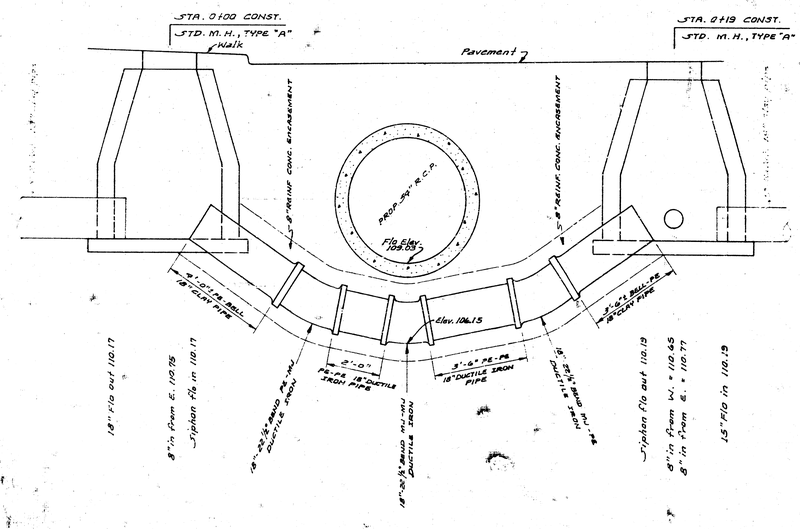
SANTA FE R.R. CROSSING STA. 20+29± TO 21+91±

Note: Pipe to be installed by jacking method

RECONSTRUCTION OF A PORTION OF 13TH ST.
S.W.S. BET. ST FRANCIS AVE. & INDIANA AVE.
PROJECT NO. DBKA512012
SHEET 7 OF 8



SIPHON DETAIL STA. 1+58



RECONSTRUCTION OF A PORTION OF 13TH ST. S.W.S. BET. ST FRANCIS AVE. & INDIANA AVE.
PROJECT NO. DR1-AS12012
SHEET 6 OF 9