3

ARKANSAS RIVER

51 ST STREET BRIDGE

51 ST STREET

ELWOOD AVENUE

Scale: 1"= 100'-0"

Note: All excavation from channel relocation to be used to fill existing Mooser Creek channel to top of bank from new access road embankment toward the River until new channel excavation is complete. All additional material required above natural ground shall be borrow.

Section lines

Limits of new access road, See Sheet 39

Limit of Existing grading on Elwood Ave.

Cherry Creek Sewer

Ascent Channel Mooser Creek

Limit of old channel

Rock Jetty C. of E.

Top of bank

Limit of new Channel after Future 1957 Flood

Top bank new Channel

Former ground contours

FUTURE FILTER

FINAL SETTLING TANK

FUTURE FINAL SETTLING TANK

old channel of Mooser Creek

CHLORINE CONTACT BASIN

PRIMARY SETTLING TANK

GRIT REMOVAL & AERATION TANK

MAIN PUMPING STATION

2-36" sewers under river

Sta. 0+00 on Cherry-Mooser Creek Sewer = face of structure

FUTURE DIGESTION TANK

M.H. Sta. 0+35.99, top to be at surface of drive

Top of bank

Δ=23°52'
D=13°30'
R=425.40
L=177.20
T=89.90

CULVERT (See Sh. 36)

Inv. El. 598.00

Bypass M.H. Sta. 1+47.72, See details, Sheet 35

Cherry-Mooser Creek Sewer

6" water supply to plant

SLUDGE PUMP HOUSE

ACCESS ROAD

Inv. El. 599.40

Inv. El. 599.39

SHOP & LABORATORY BUILDING

DIGESTION TANK

SLUDGE CONTROL HOUSE

Midland Valley Railroad

Railroad bridge

560'-0"

185'-7"

151'-9"

50'-0"

105'-4"

196'-8"

540'-0"

Relocate channel to enter new culvert

Future Mooser Creek Sewer

℄ Culvert & Relocation of Mooser Creek

M.H. Sta. 101+56.79 Inv. El. 602.31

M.H. Sta. 5+84.53 Inv. El. 600.42

M.H. Sta. 3+28.20

Notes:
All elevations in this set of plans refer to City Datum. Add 3'-0" to City Datum to convert to U.S.G.S. Datum.
Tops of all M.H. on Cherry Creek and Cherry-Mooser Creek sewers to be El. 622.0 unless otherwise noted.
Treatment plant drains entering Cherry-Mooser Creek Sewer are not shown, see Sheet 2.
B.M. top of bolt 2' east of east wall on timber headwall of railroad bridge, El. 628.11 City Datum.

SA-55-16

TULSA, OKLAHOMA
SEWAGE TREATMENT PLANT

FLOOD DAMAGE
1957

THIS DRAWING SHOWS THE GENERAL RIVER BANK AREA IN THE VICINITY OF THE SEWAGE DISPOSAL PLANT. THIS DRAWING SHOWS THE NEW RIVER BANK ESTABLISHED AFTER THE 1957 FLOOD AND THE FORMER BANK AND GROUND CONTOURS. NOTE THE COMPARISON BETWEEN RIVER BANK ESTABLISHED AFTER THE 1957 FLOOD AND AS SHOWN IN THE 1961 PHOTOGRAPHS.

Revised as Built - 6-13-55 - LLW

No.	Drawn by	Ch'k'd by	Date	Revision
1	JLW	B.N.S	11-21-52	Removed Grit Removal & Aeration Tank from this contract