NOTE:
THE AREAS OF FILL ADJACENT TO PROPOSED CHANNEL SHALL BE BACKFILLED AND COMPACTED TO 95% STD. PROCTOR DENSITY PRIOR TO EXCAVATON OF NEW CHANNEL SECTION. COST SHALL BE INCLUDED IN PRICE BID FOR CHANNEL EXCAVATION PER C.Y.

SCALE: 1"=40'

STA. 20+00 MATCH LINE

21+00

1242.50

22+00

1240

23+00

STA. 23+40 END CONST. STD.
CONC. CHANNEL LINER
35' BTM. BY 10' TALL
BEGIN CONST. STD. CONC.
CHANNEL LINER
40' BTM. BY 10' TALL

CONSTRUCT 100'x50'
RIPRAP CHANNEL

EXISTING 15" SAN. SEWER
AERIAL CROSSING TO
REMAIN IN PLACE

24+00

P.C. STA. 24+00

25+00

1239.10

26+00

1237.70

27+00

28+00

29+00

1230

LIGHTNING CREEK

STA. 26+18 END CONST. STD.
CONC. CHANNEL LINER
40' BTM. BY 10' TALL
END PROJECT

SCALE: 1"=40'

BENCH MARK: STA. 13+70.39 - 47.60' LT.
TOP RIM EXISTING SANITARY SEWER

BENCH MARK: STA. 18+33.89 - 51.38' LT.
TOP RIM EXISTING SANITARY SEWER
MANHOLE ELEV.=1241.83

OKR2009226

Downstream Portion
Lightning Creek Channelization
City of Oklahoma City

9226-6

EXIST. PROFILE
50' RT.

EXIST. PROFILE
50' LT.

STA. 23+40 END CONST. STD.
CONC. CHANNEL LINER
35' BTM. BY 10' TALL
BEGIN CONST. STD. CONC.
CHANNEL LINER 40' BTM.
BY 10' TALL

STA. 26+18 END CONST. STD.
CONC. CHANNEL LINER
40' BTM. BY 10' TALL
END PROJECT

EXISTING
PROFILE

CHANNEL SLOPE @ 0.24%

1240

1230

1220

E=1224.68 E=1224.51 E=1224.34 E=1224.17 E=1224.00 E=1223.83 E=1223.66 E=1223.48 E=1223.31 E=1223.11 E=1222.87 E=1222.80 E=1222.74

20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00

SCALE: 1"=40'	
HORIZ. 1"=40'	
VERT. 1"=4'	
Drawn By: RLB	
Date: 8-24-98	
Checked By:	
Revisions	
Date	By
10-5-98	RLB
12-2-98	RLB
SHEET	10
OF	28

DRAINAGE IMPROVEMENT
PROJECT NO. DC-0151
LIGHTNING CREEK
Oklahoma City, Oklahoma

MGR INC.
ENGINEERS, PLANNERS & SURVEYORS
1224 SOUTH HILLY
MIDWEST CITY, OKLAHOMA 73110
CA# 1069 EXPIRATION: 6/30/99

LIGHTNING CREEK PROJECT NO. DC-0151