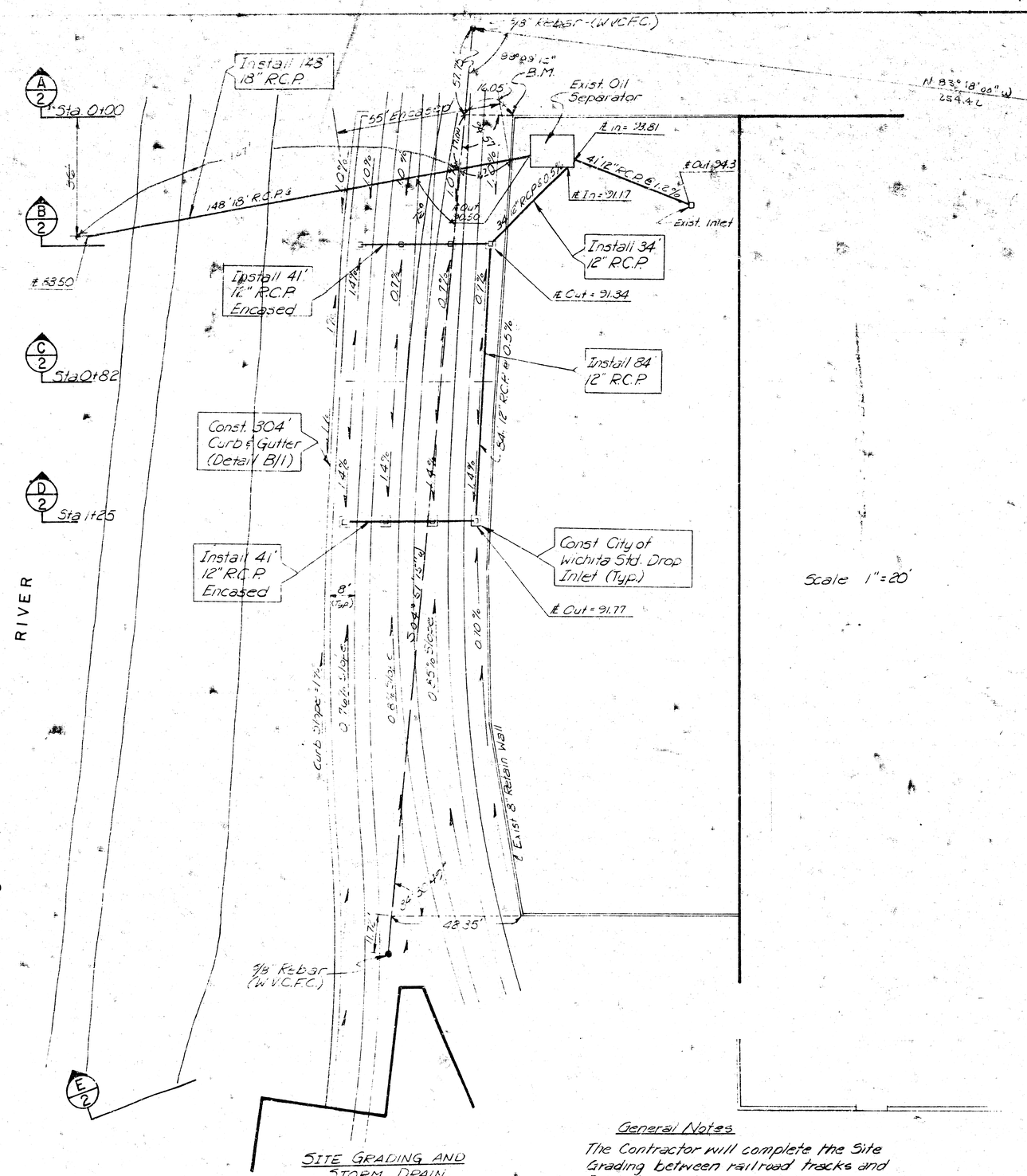


SITE GRADING AND STORM DRAIN LAYOUT

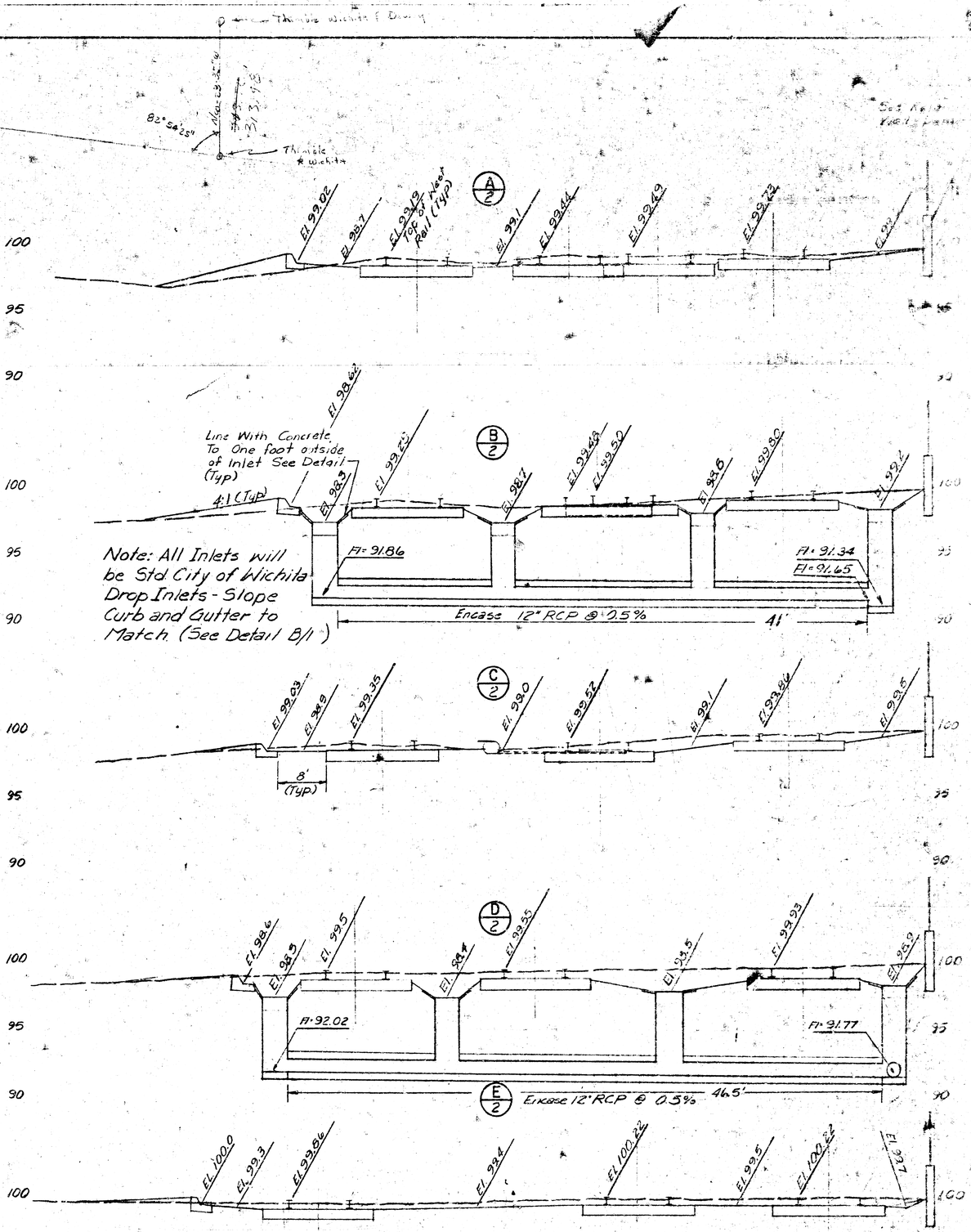
B.M. - Top of Exist Retaining Wall @ N.W. Cor. - Assumed Elev. = 106.55
M.S.L. = 1299.56

NOTE: All elevations shown this sheet are from assumed B.M. Elev.

Scale 1" = 20'

<u>General Notes</u>

The Contractor will complete the Site Grading between railroad tracks and Inlets to the depths and dimensions indicated on the plans. Each set of railroad tracks shall be provided positive drainage beneath the rails and between the railroad ties.
All storm drain pipe construction maybe done by open cut and will be sand back filled, jetted, and the top 12" compacted to 95% density with mechanical tampers.

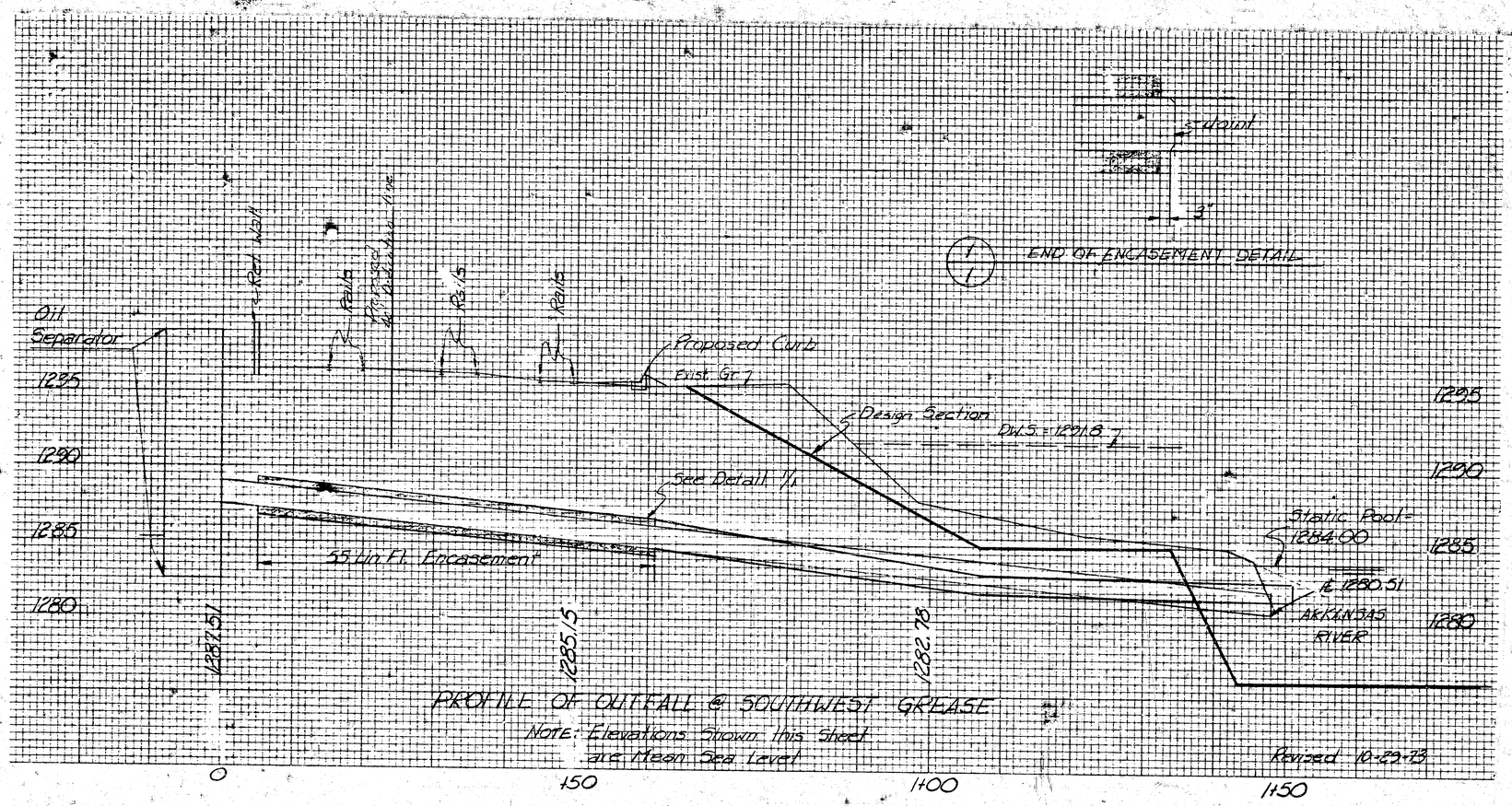


<u>Sections</u>

Revised 10-29-73
Revised 10-23-73
5-14-73

SOUTHWEST GREASE & OIL PLANT NO. 2
SHT. C-

PROFESSIONAL ENGINEERING CONSULTANTS
ENGINEERS
WICHITA, KANSAS



MEMO

TO: Carl Sandvik
Wichita-Valley Center Flood Control
City Building Annex, 104 S. Main St.
Wichita, Kansas 67202

PROJECT NO. 40-77065-214
PROJECT: Southwest Grease & Oil Co.
DATE: Oct. 29, 1973

COPIES TO:

ATTN:

FROM: Mike Schomaker
REFERENCE: Outfall

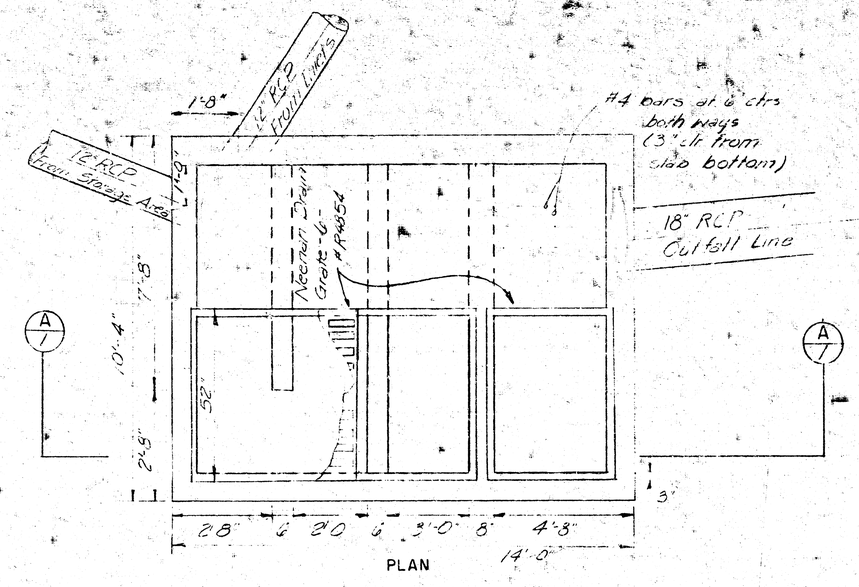
PLEASE ADVISE IMMEDIATELY OF ANY MISCONCEPTIONS OR OMISSIONS YOU BELIEVE TO BE CONTAINED HEREIN.

Enclosed are Plan Sheets C-1 and C-2 and a Profile of Outfall @ Southwest Greast and Oil Co.

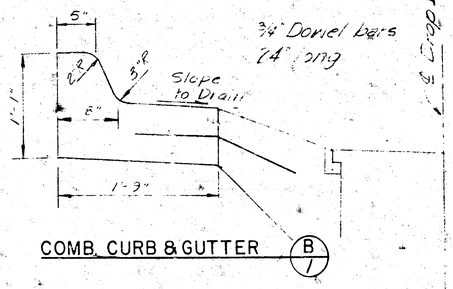
Approved
MOM
10-31-73

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers _____
Storm Sewers [signature] 11-1-73
Driveway Approaches _____

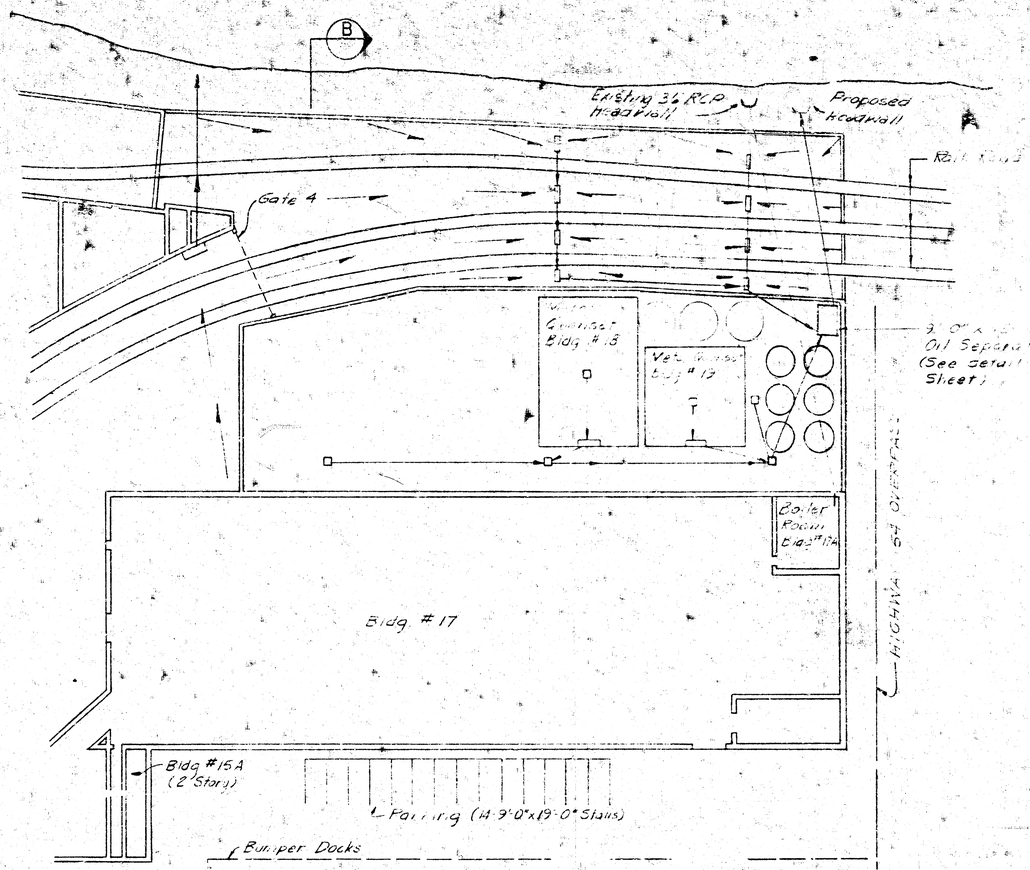
Submit As built Plans



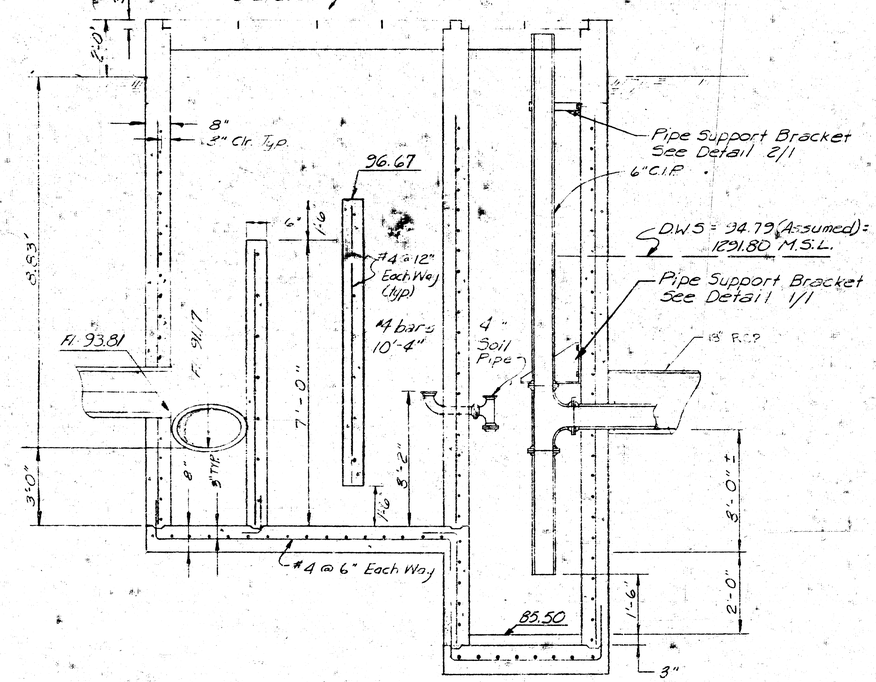
PLAN



COMB. CURB & GUTTER (B/1)

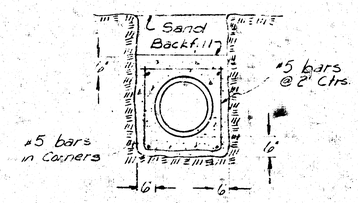


Location Schematic



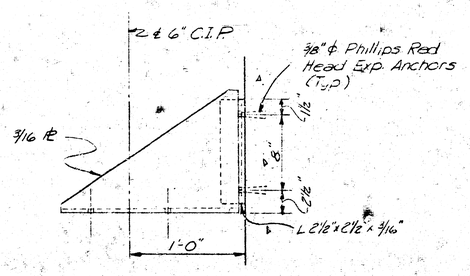
SECTION

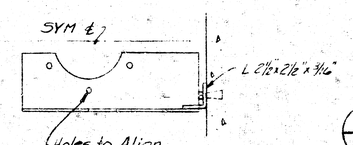
OIL SEPARATOR (A/1)

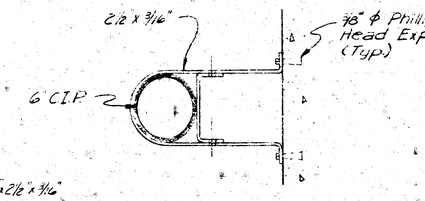


RCP Concrete Encasement*

*In lieu of Encasement-Class IV RCP with Class B Bedding in accordance with the American Concrete Pipe Ass. Design Data 7" Fig 3, will be acceptable.








(2/1) PIPE SUPPORT BRACKET

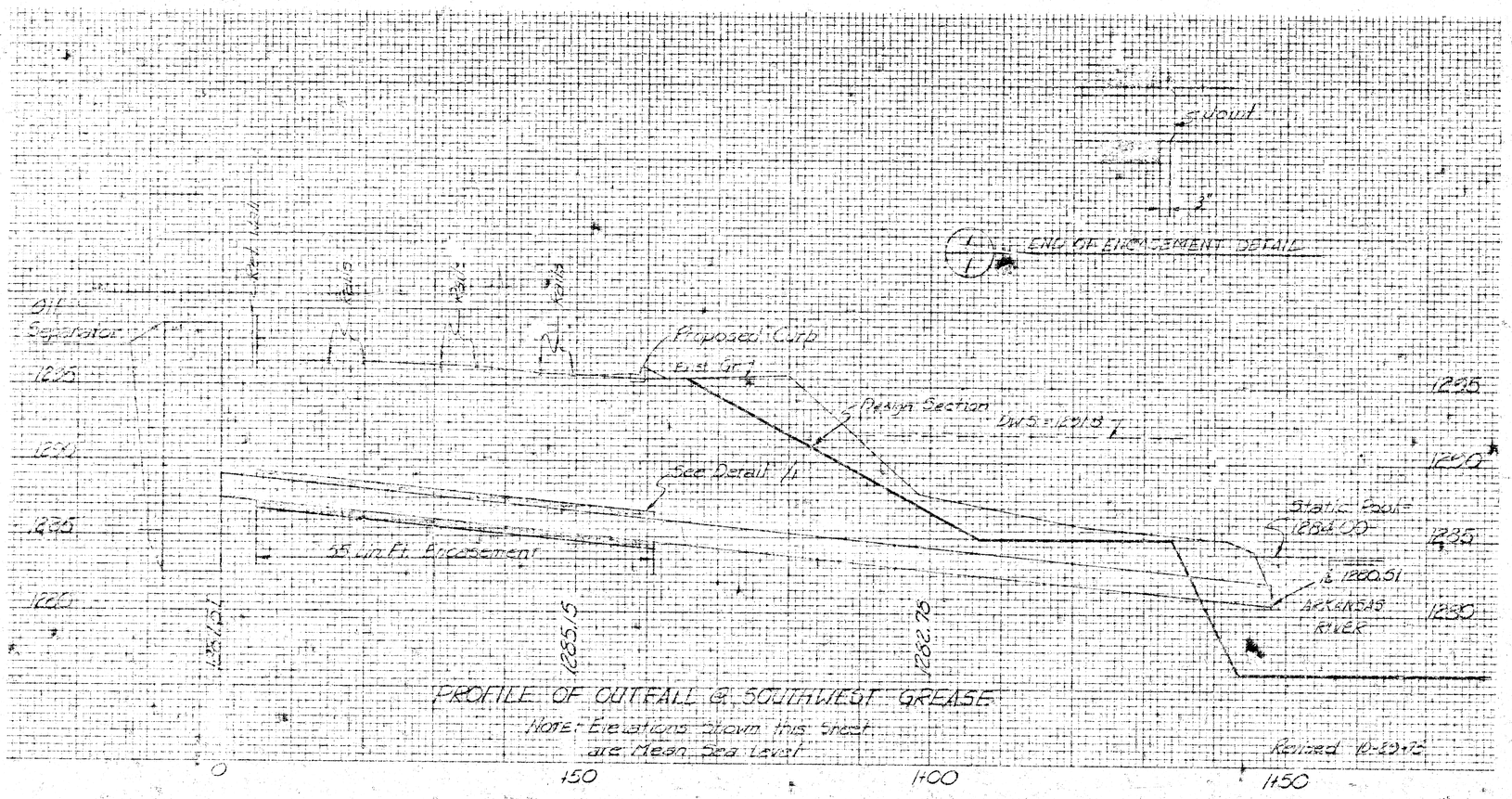
(1/1) PIPE SUPPORT BRACKET

Revised 10-16-73

SOUTHWEST GREASE & OIL PLANT No. 3	
5-14-73	SHT. C-2

PROFESSIONAL ENGINEERING CONSULTANTS
ENGINEERS
WICHITA, KANSAS


Site Grading and Storm Drain Layout
Sections
Scale 1"=20'
Note: All Inlets will be Std City of Wichita Drop Inlets - Slope Curb and Gutter to Match (See Detail B/1)
Line With Concrete To One foot outside of Inlet See Detail (Typ)
Encase 12" RCP @ 0.5%
Install 148' 18" R.C.P
148' 18" R.C.P.
Exist Oil Separator
B.M.
5/8" Rebar (W.V.C.F.C.)
55' Encased
Install 34' 12" R.C.P
Install 84' 12" R.C.P
Install 41' 12" R.C.P Encased
Const 304' Curb & Gutter (Detail E/1)
Const City of Wichita Std. Drop Inlet (Typ.)
Exist. Inlet
℄ Out = 91.34
℄ Out = 91.77
℄ In = 91.17
℄ In = 93.81
℄ Out 94.3
Exist 8' Retain Wall
Curb Slope 1%
0.85% Slope
Sta 0+00
Sta 0+82
Sta 1+23
River
General Notes
The Contractor will complete the Site Grading between railroad tracks and Inlets to the depths and dimensions indicated on the plans. Each set of railroad tracks shall be provided positive drainage beneath the rails and between the railroad ties.
All storm drain pipe construction may be done by open cut and will be sand back filled, jetted, and the top 12" compacted to 95% density with mechanical tampers.
B.M. - Top of Exist Retaining Wall @ N.W. Cor - Assumed Elev = 102.55
M.S.L. = 1299.56
NOTE: All elevations shown this sheet are from assumed B.M. Elev.
10-09-73
Revised 10-23-73
Professional Engineering Consultants
Engineers
Wichita, Kansas
C-1



PROFILE OF OUTFALL @ SOUTHWEST GREASE

Note: Elevations shown this sheet are Mean Sea Level

Revised 10-23-73

LEGEND

TO: Carl Sandlin

Director, Water Quality Control City Utilities, City of Fort Smith Municipal Building, Garrison Ave.

ATTN:

PROJECT NO.

PROJECT: Southwest Gr...

O/R No.

DATE: Oct. 22, 1973

COPIES TO:

FROM: Mike Schmaltz

REFERENCE: Outfall

PLEASE ADVISE IMMEDIATELY OF ANY MISCONCEPTIONS OR OMISSIONS YOU BELIEVE TO BE CONTAINED HEREIN.


Enclosed are Plan Sheets C-1 and C-2 and a Profile of Outfall @ Southwest Grease and Oil Co.

Approved

AS NOTED

11-1-73

Submit As Built Plans



SOUTHWEST GREASE & OIL PLANT Nº 3

5-14-73 | SHT C-

PROFESSIONAL ENGINEERING CONSULTANTS
ENGINEERS
WICHITA, KANSAS

Revised 10-16-73