

# STORM WATER DRAIN NO. 57

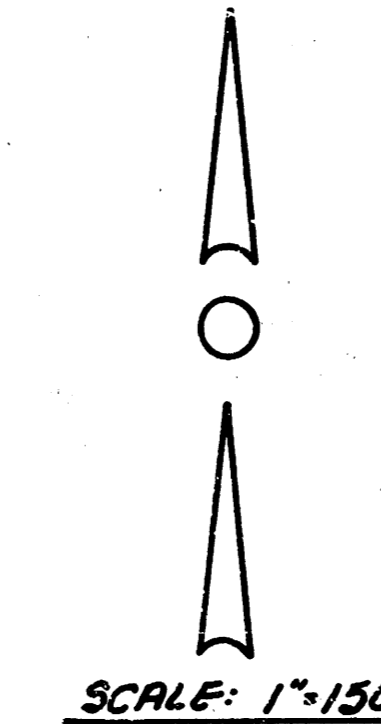
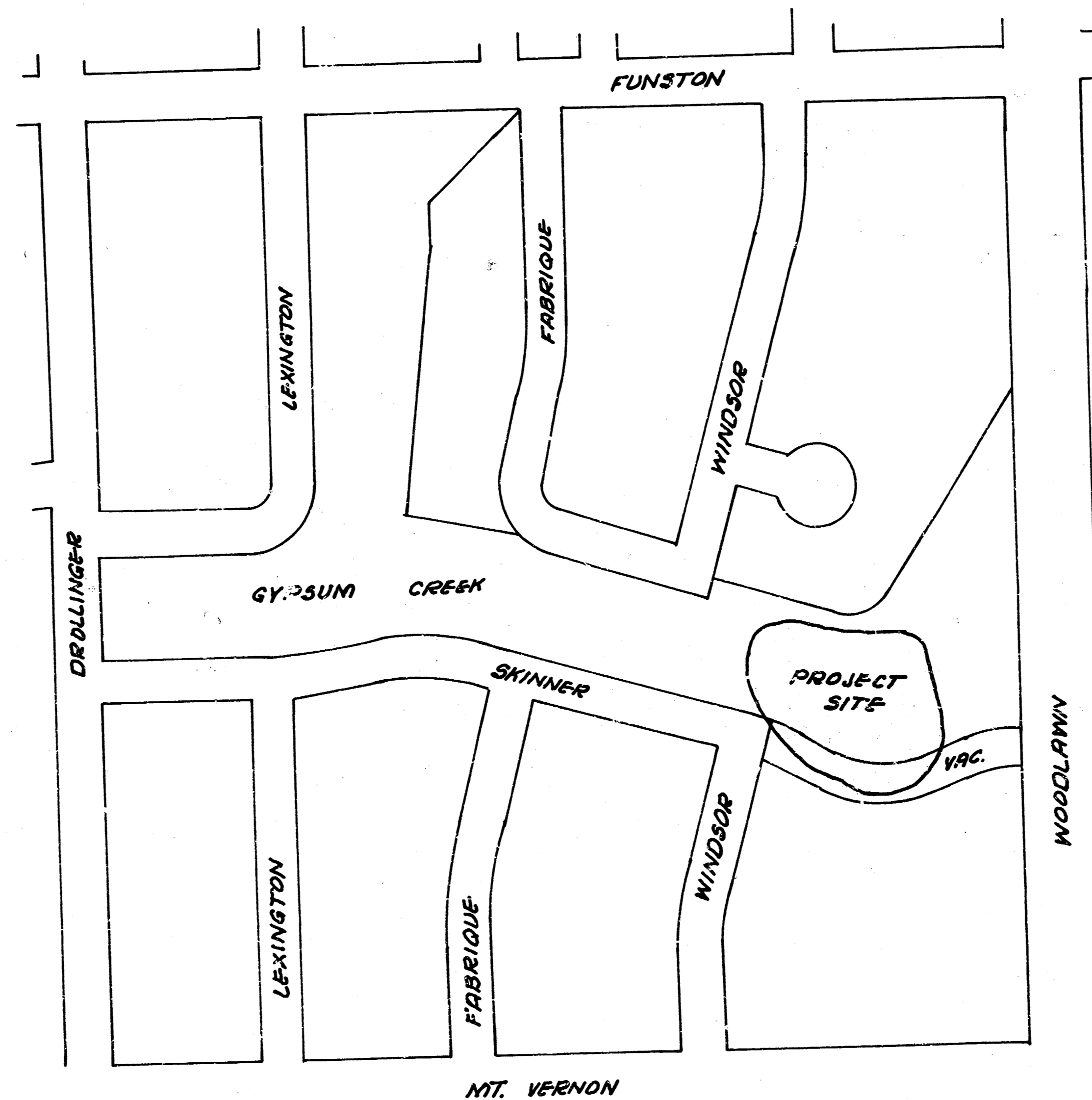
- GENERAL NOTES**
1. CONTRACTOR MAY STOCKPILE EXCESS MATERIAL ON RESERVE A, GRILLOT ADDITION (SAME SITE AS SWD #56). CONTRACTOR IS TO STOCKPILE MATERIAL IN SUCH A MANNER AS TO NOT BLOCK ANY DRAINAGE & CAUSE PONDING BEHIND STOCKPILES.
  2. CONTRACTOR TO CONTACT THE FOLLOWING OFFICES PRIOR TO BEGINNING CONSTRUCTION:

CITY ARCHAEOLOGIST  
DEPARTMENT OF ANTHROPOLOGY  
WICHITA STATE UNIVERSITY  
WICHITA, KANSAS 6.208  
PHONE 265-3195

GENE RATH  
DIRECTOR OF STREET SERVICES  
CITY OF WICHITA  
PHONE 268-4559

3. 8" FILTER POINT REVEIMENT MAT MAY BE SUBSTITUTED FOR TYPE III RIP-RAP. IF 8" FILTER POINT MAT IS USED IT IS TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
4. EXACT LOCATION, TYPE & SIZE OF DERBY PIPELINE IS UNKNOWN. LOCATION SHOWN ON PLAN IS APPROXIMATE. EXTREME CARE SHOULD BE USED WHEN WORKING IN THE AREA OF THE PIPELINE. IF THE PIPELINE IS ENCOUNTERED IT SHOULD NOT BE CUT IN A MANNER THAT WOULD CAUSE SPARKS. THE CONTRACTOR SHOULD CUT THE PIPE & CHECK FOR THE PRESENCE OF FLAMMABLE GAS BEFORE REMOVING PIPE. FOR ADDITIONAL INFORMATION CONTACT:

BEN ADKINS  
DERBY OIL COMPANY  
PHONE 755-1591

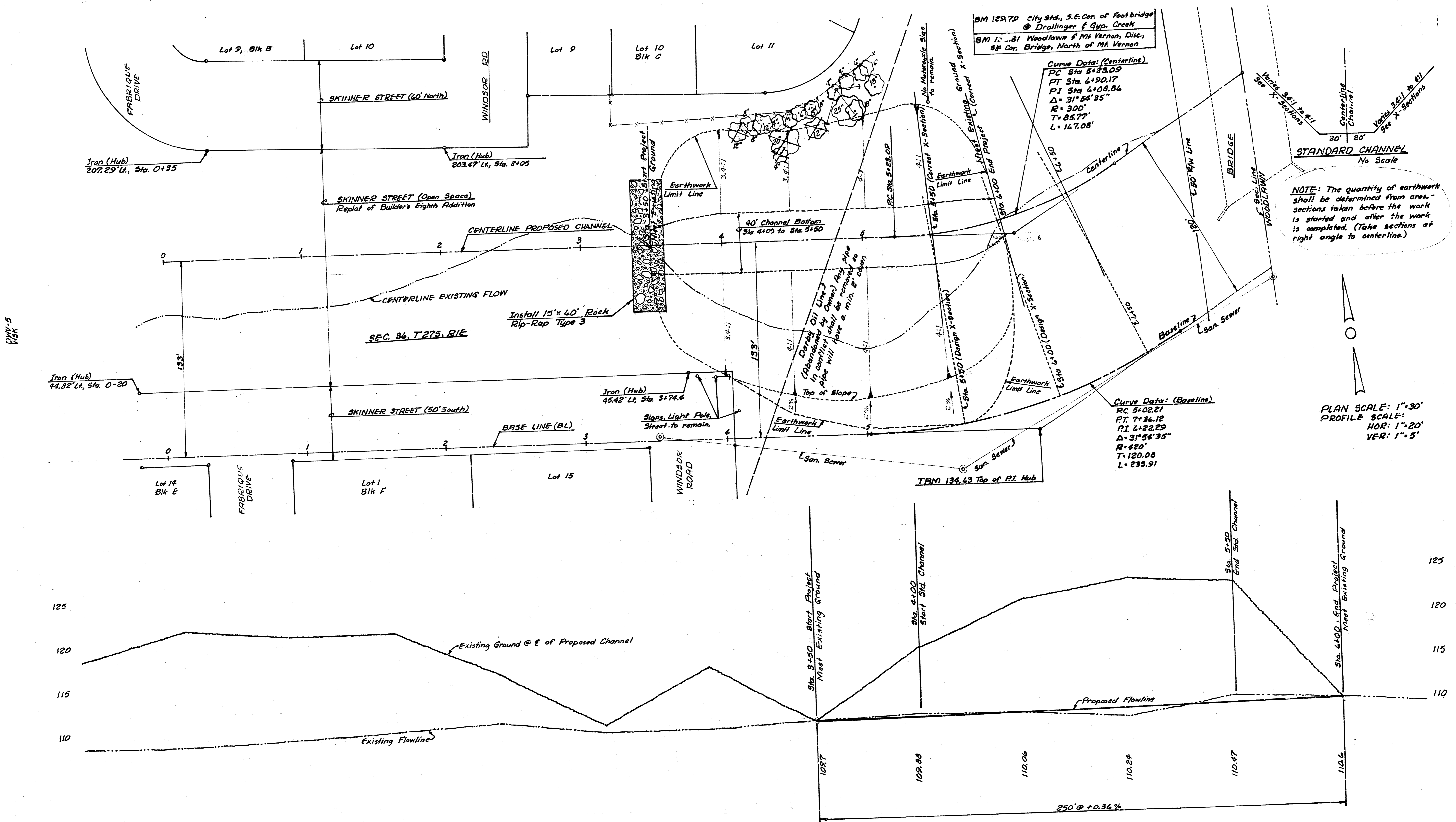


*Contains "As Built" Cross-sections added after project was let*

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.



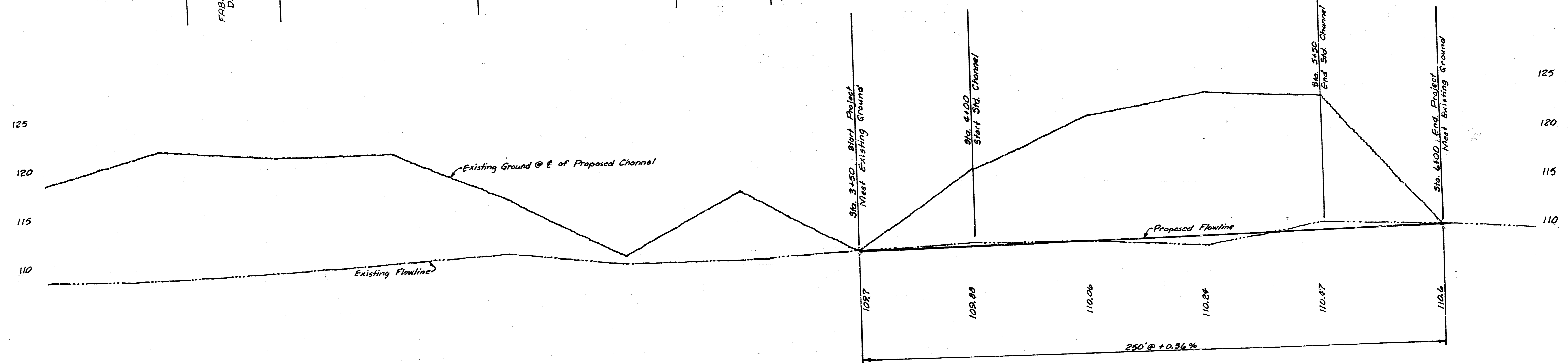
PROJECT DESCRIPTION <b>SWD # 57</b>		
GYR CREEK (200 to 500' west of Woodlawn)		
PROJECT NUMBER 468-76-245-81246-000-000-001		
BOOK NO. DWV-5	APPROVED BY	DATE 5-83
DRAWN BY WSK	REVISION	1/6
CITY OF WICHITA DEPARTMENT OF ENGINEERING		
DIRECTOR OF ENL/CITY ENGINEER R. W. BRUGGERMAN		Sheet 1 of 4



DMV-5  
PISK

NOTE: The quantity of earthwork shall be determined from cross-sections taken before the work is started and after the work is completed. (Take sections at right angle to centerline.)

PLAN SCALE: 1"=30'  
PROFILE SCALE:  
HOR: 1"=20'  
VER: 1"=5'



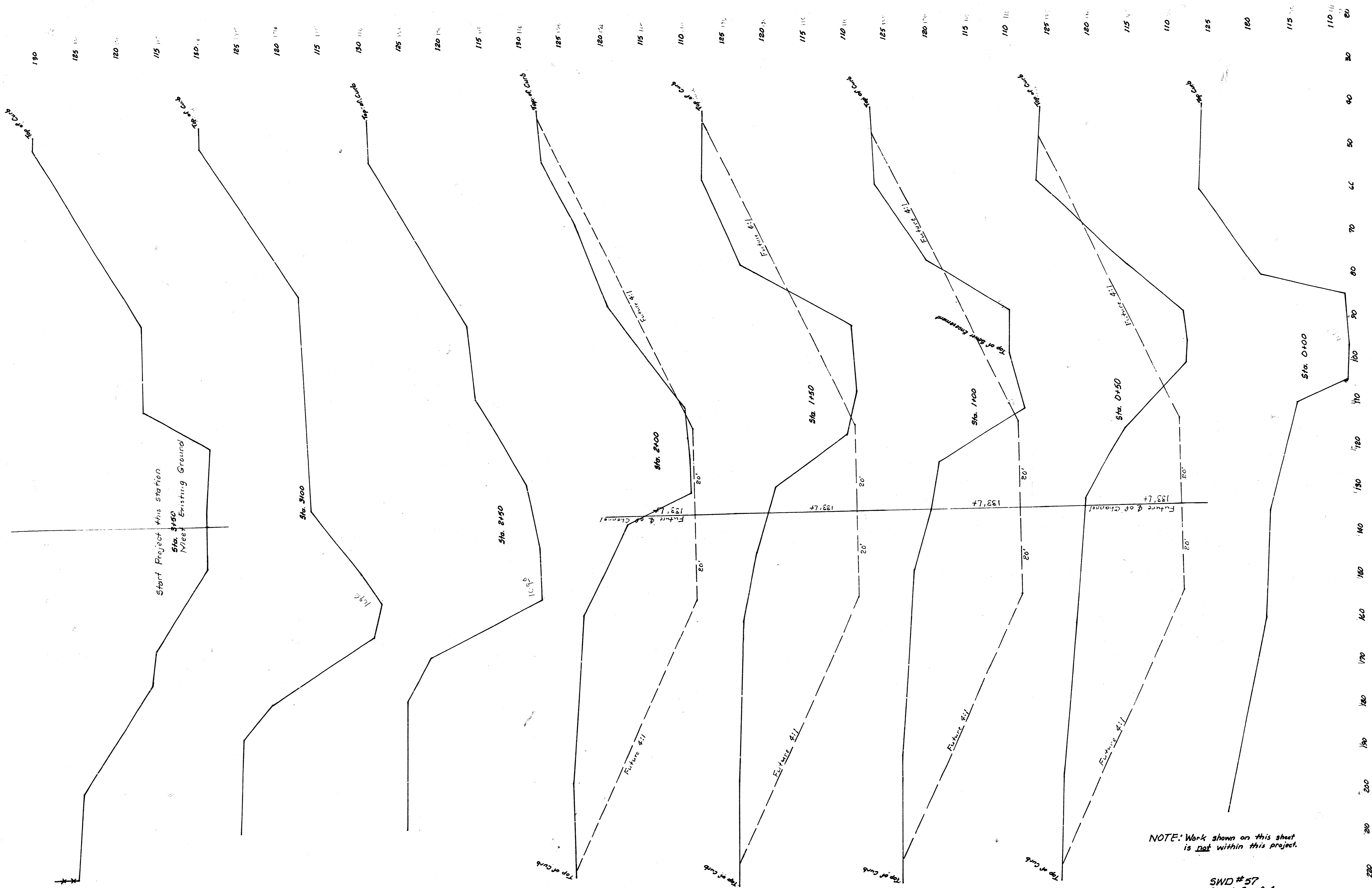
6

PROJECT DESCRIPTION  
**SWD # 57** 2%

Gyp Creek (200' to 500' west of Woodlawn)

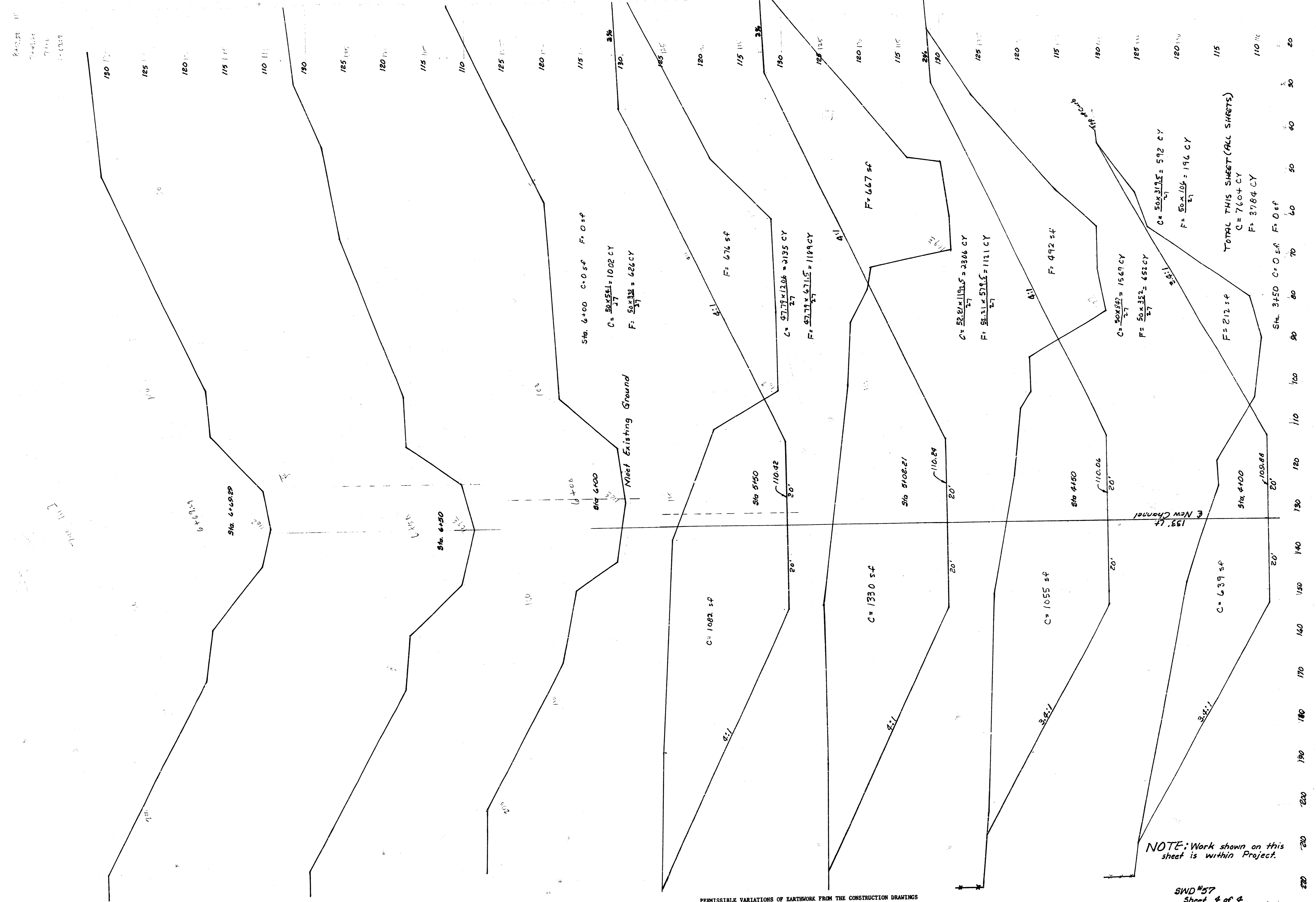
PROJECT NUMBER  
+68-76-845-81246-000-000-001

Sheet 2 of 4



NOTE: Work shown on this sheet is not within this project.

SWD #57  
Sheet 3 of 4



8+00.00  
 7+45.00  
 7+00.00  
 6+55.00

Sta. 6+00 C=0.0 sf F=0.0 sf

$C = \frac{50 \times 51.1}{27} = 1002 \text{ CY}$   
 $F = \frac{50 \times 33.8}{27} = 624 \text{ CY}$

Need Existing Ground

Sta. 6+00

C = 1082 sf

1:1

Sta. 5+50

110.42

$C = \frac{57.77 \times 12.06}{27} = 2135 \text{ CY}$   
 $F = \frac{57.77 \times 67.15}{27} = 1189 \text{ CY}$

4:1

F = 676 sf

C = 1330 sf

1:1

Sta. 5+08.21

110.84

F = 667 sf

$C = \frac{55.87 \times 11.15}{27} = 2304 \text{ CY}$   
 $F = \frac{55.87 \times 57.95}{27} = 1121 \text{ CY}$

4:1

C = 1055 sf

2:1

Sta. 4+50

110.04

F = 492 sf

$C = \frac{50 \times 84.2}{27} = 1569 \text{ CY}$   
 $F = \frac{50 \times 35.2}{27} = 652 \text{ CY}$

3:1

$C = \frac{50 \times 37.5}{27} = 592 \text{ CY}$   
 $F = \frac{50 \times 10.4}{27} = 196 \text{ CY}$

C = 639 sf

3:1

Sta. 4+00

109.88

F = 212 sf

TOTAL THIS SHEET (ALL SHEETS)  
 C = 7604 CY  
 F = 3784 CY

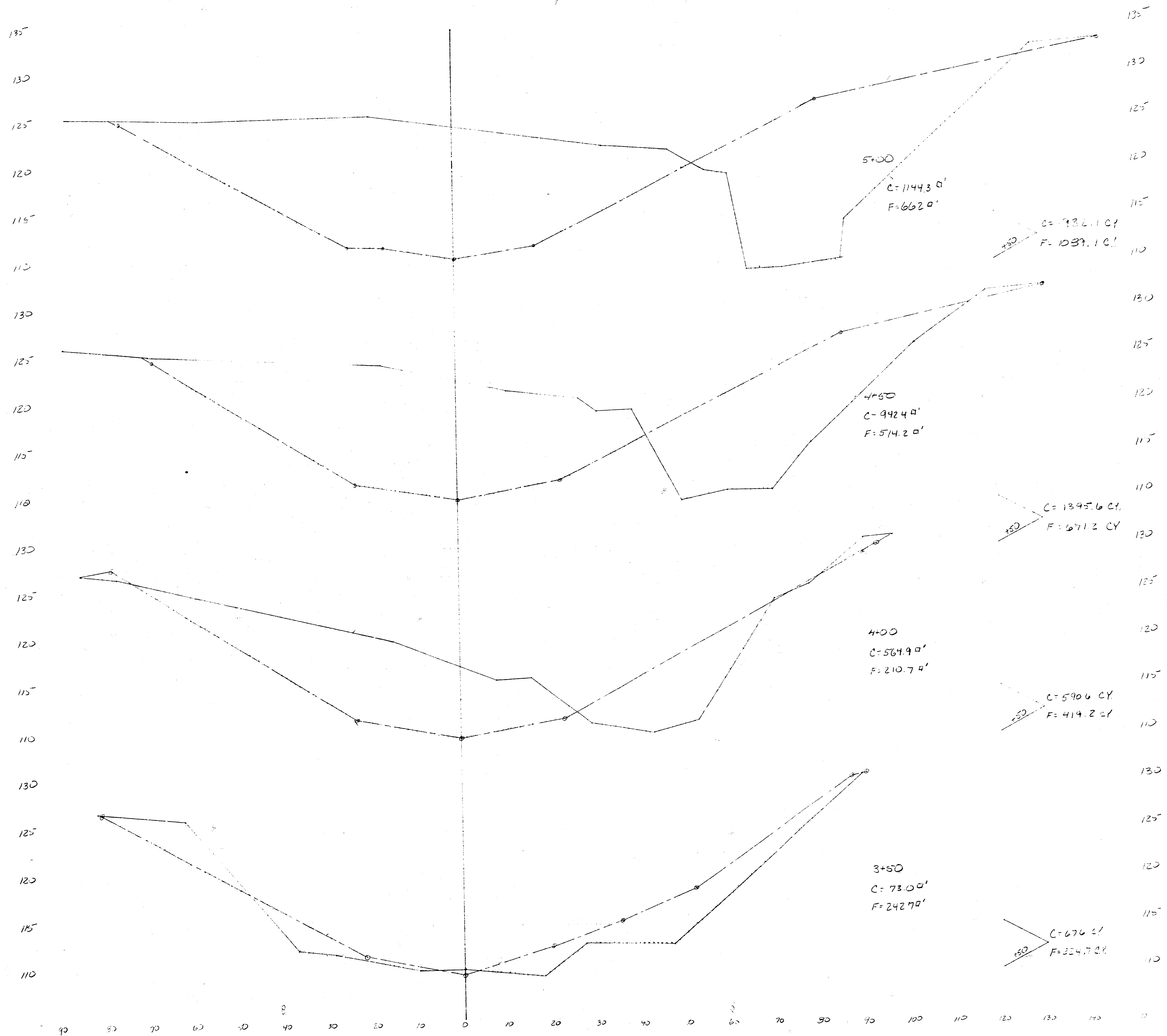
Sta. 3+50 C=0.0 sf F=0.0 sf

PERMISSIBLE VARIATIONS OF EARTHWORK FROM THE CONSTRUCTION DRAWINGS AS DETERMINED BY CROSS-SECTIONS ARE:

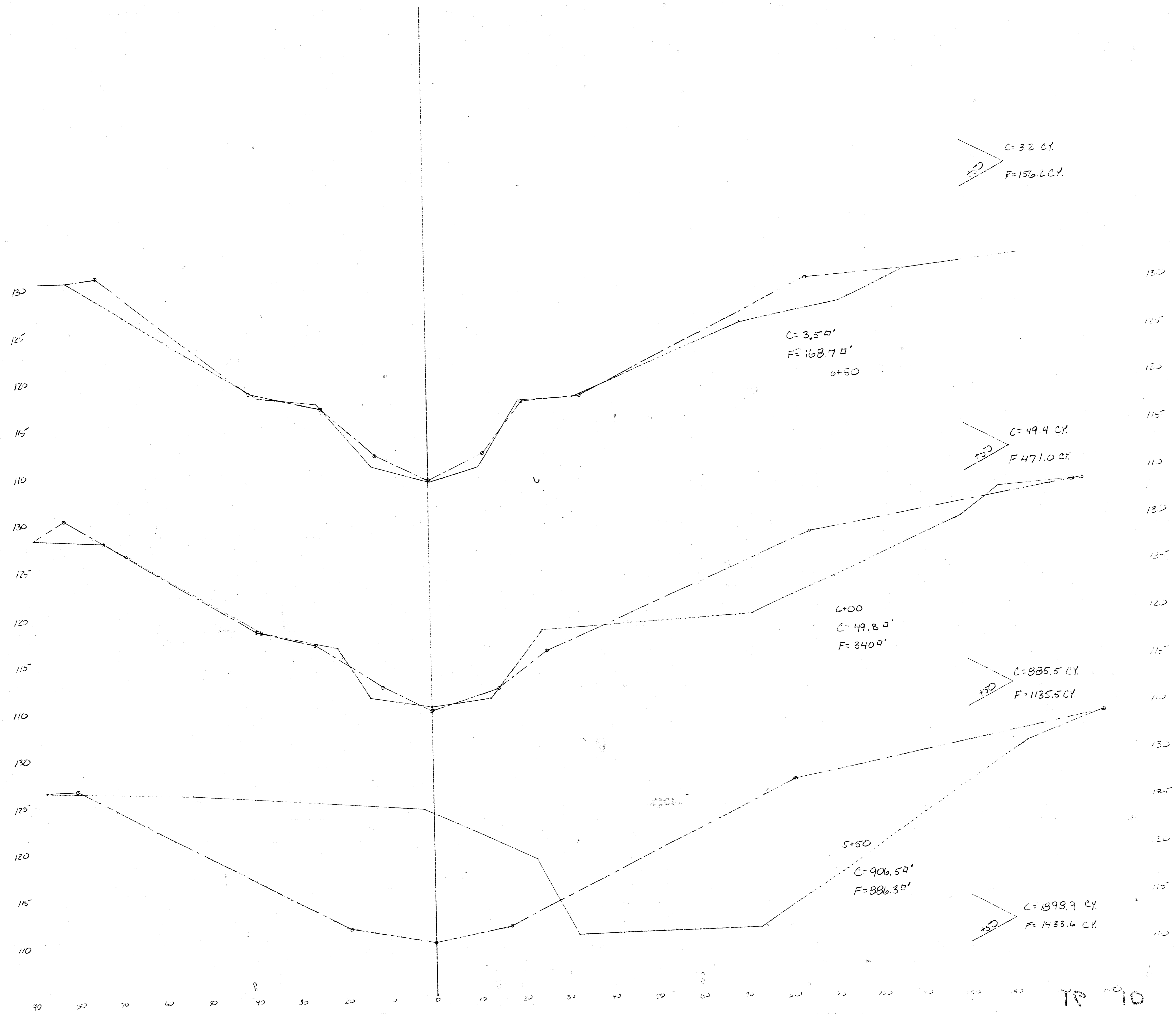
1. CHANNEL FLOWLINE ELEVATION: 0.2 FOOT
2. CHANNEL BOTTOM WIDTH ABOUT CENTERLINE: 1.0 FOOT
3. CHANNEL SIDES: UNIFORM SLOPE WITH MAXIMUM VARIATION OF 0.3:1
4. IF ENCOUNTERED CONDITIONS WARRANT, AS DETERMINED BY THE ENGINEER, THE GRADE LINE, ALIGNMENT AND/OR SIDE SLOPES MAY BE REVISED, PROVIDED

SWD #57  
 Sheet 4 of 4

4/6



From Elevation  
 C = 132.1 CY  
 F = 1037.1 CY



TP 10 J 50

6/12