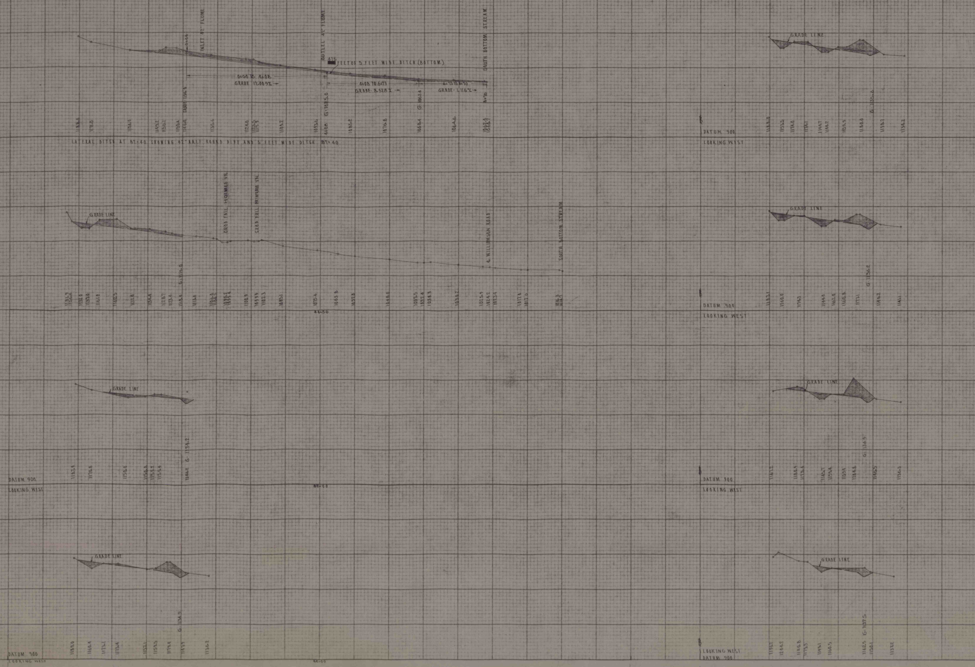
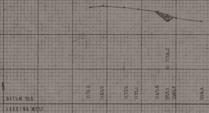


LATERAL DITCH AT 87+40 SHOWING 42" HALF ROUND PIPE AND 5 FEET WIDE DITCH 87+40

INLET 42" FLUME
0+00
GRADE 1134.5
OUTLET 42" FLUME
475 FEET OF 5 FEET WIDE DITCH (BOTTOM)
0+00 TO 4+08
GRADE 12.009% →
4+08
G: 1085.0
4+08 TO 6+73
GRADE 8.528 % →
G. 1062.4
6+73 TO 8+70
GRADE 1.116 % →
8+70
SOUTH BOTTOM STREAM
1188.6
1171.5
1154.0
1149.2
1156.1
1155.4
1146.2
1135.6
1124.0
1123.5
1103.2
1093.6
1085.2
1076.8
1068.4
1064.6
GRADE LINE
CROSS FALL HOLMES VN.
CROSS FALL PRIMROSE VN.
℄ WILLIAMSON ROAD
SOUTH BOTTOM STREAM
G. 1114.0
1131.9
1132.0
1161.0
1162.5
1132.0
1134.4
1128.7
1123.4
1118.4
1113.8
1106.0
1100.9
1099.9
1102.3
1085.1
1075.4
1063.8
1052.8
1048.0
1037.5
1037.4
1038.9
1030.2
1025.9
1024.2
1023.4
1017.8
1017.6
1016.3
44+50
GRADE LINE
G. 1134.2
DATUM 900
LOOKING WEST
87+00
GRADE LINE
G. 1134.5
DATUM 900
LOOKING WEST
86+00
GRADE LINE
G. 1135.6
DATUM 900
LOOKING WEST
GRADE LINE
G. 1136.2
DATUM 900
LOOKING WEST
GRADE LINE
G. 1136.5
DATUM 900
LOOKING WEST
GRADE LINE
G. 1137.5
LOOKING WEST
DATUM 900

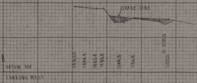
55+00

61+00


DATUM 900
LOOKING WEST
1176.6
1182.5
1177.5
1172.1
1165.8
1157.3
1145.7
G. 1138.2
1138.4

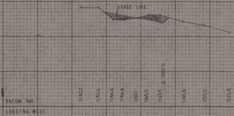
54+00

60+00


GRADE LINE
DATUM 900
LOOKING WEST
1082.3
1084.9
1083.0
1083.0
1144.8
1156.8
1152.5
G. 1138.8

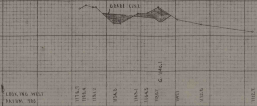
53+00

59+00

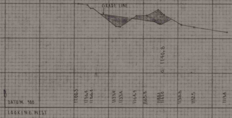

GRADE LINE
DATUM 900
LOOKING WEST
1182.2
1181.6
1146.8
1146.8
1152.1
1163.9
1162.9
G. 1135.5
1142.0
1132.3
1113.0

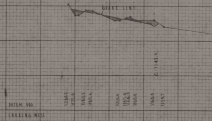
52+00

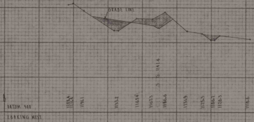
58+00

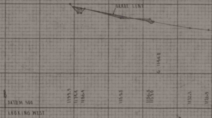

GRADE LINE
LOOKING WEST
DATUM 900
1178.7
1188.4
1181.2
1134.8
1163.1
1164.5
1180.7
G. 1140.1
1142.1
1132.8
1112.7

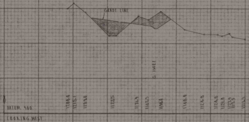
8 95

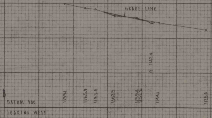

GRADE LINE
G. 1140.8
DATUM 900
LOOKING WEST
1200.3
1196.4
1186.8
1133.4
1133.4
1164.9
1165.8
1180.1
1162.0
1138.8
1132.5
1119.4

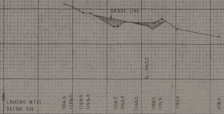

GRADE LINE
G. 1143.4
DATUM 900
LOOKING WEST
1204.7
1172.6
1182.2
1185.6
1158.4
1165.0
1168.0
1160.0
1160.0
1139.7

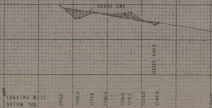

GRADE LINE
G. 1141.4
DATUM 900
LOOKING WEST
1208.4
1214.4
1196.1
1133.2
1169.4
1167.3
1186.6
1134.9
1125.3
1186.7
1120.3
1116.6

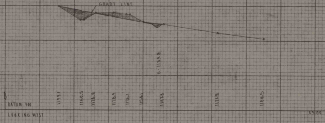

GRADE LINE
G. 1144.0
DATUM 900
LOOKING WEST
1199.9
1174.4
1186.4
1159.5
1156.8
1153.0
1132.3
1126.9

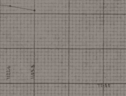

GRADE LINE
G. 1142.1
DATUM 900
LOOKING WEST
1200.0
1215.1
1192.0
1122.5
1176.9
1162.5
1196.0
1140.0
1124.9
1124.8
1121.4
1122.9
1117.9
1113.3

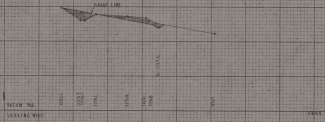

GRADE LINE
G. 1142.4
DATUM 900
LOOKING WEST
1198.1
1185.9
1183.0
1162.5
1152.6
1152.8
1144.1
1125.0


GRADE LINE
G. 1142.7
LOOKING WEST
DATUM 900
1214.5
1206.5
1188.9
1188.9
1150.2
1162.9
1160.2
1160.3
1172.9
1142.0
1120.6

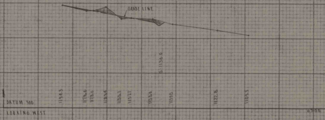

GRADE LINE
GRADE 1140.8
LOOKING WEST
DATUM 900
1193.5
1160.5
1172.0
1174.3
1174.0
1179.1
1154.0
1147.8

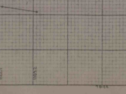

GRADE LINE
G. 1139.8
DATUM 900
LOOKING WEST
1193.1
1160.5
1178.8
1178.9
1176.1
1154.1
1147.8
1124.8
1104.5
69+00

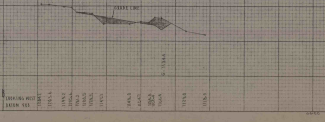

1122.6
1109.8
72+00

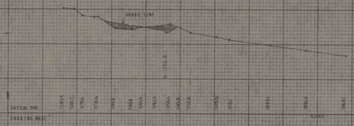

GRADE LINE
G. 1137.6
DATUM 900
LOOKING WEST
1192.1
1158.7
1159.7
1179.1
1171.4
1162.1
1151.5
1121.7
68+00

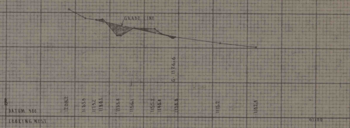
71+00

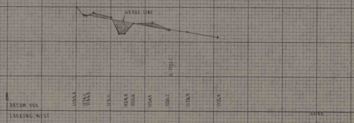

GRADE LINE
G. 1136.0
DATUM 900
LOOKING WEST
1194.3
1178.6
1178.6
1189.4
1155.3
1152.7
1155.0
1139.5
1122.8
1109.3
67+00

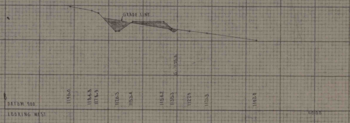


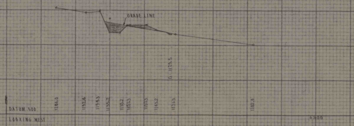

GRADE LINE
G. 1134.4
LOOKING WEST
DATUM 900
1204.2
1203.6
1199.2
1195.6
1181.2
1180.5
1179.5
1147.3
1148.0
1154.7
1154.8
1155.4
1166.4
1129.0
1118.9
66+00

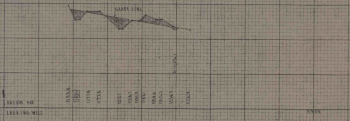

GRADE LINE
G. 1132.8
DATUM 900
LOOKING WEST
1203.4
1201.7
1179.6
1178.6
1144.5
1143.0
1149.0
1151.9
1156.6
1143.8
1132.0
1119.5
1113.1
1099.1
1082.6
1068.1
65+00

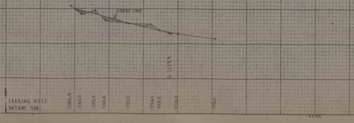

GRADE LINE
G. 1126.6
DATUM 900
LOOKING WEST
1208.2
1183.9
1179.2
1180.3
1133.4
1156.1
1155.2
1140.4
1130.8
1115.2
1102.8
61+00

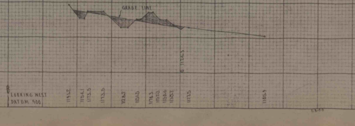

GRADE LINE
G. 1131.1
DATUM 900
LOOKING WEST
1193.4
1174.2
1184.3
1171.2
1124.4
1153.6
1154.9
1136.2
1128.9
1115.4
64+00

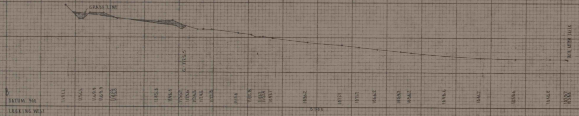

GRADE LINE
G. 1125.8
DATUM 900
LOOKING WEST
1196.0
1184.8
1178.9
1126.3
1153.4
1154.2
1135.3
1122.9
1121.3
1102.0
60+00

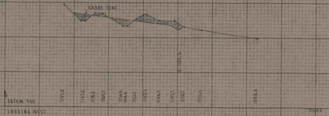

GRADE LINE
G. 1129.5
DATUM 900
LOOKING WEST
1206.0
1192.6
1194.3
1135.2
1135.2
1157.3
1157.3
1143.2
1131.3
1102.8
63+00

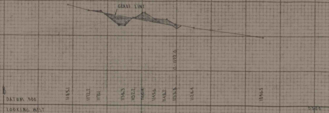

GRADE LINE
G. 1125.1
DATUM 900
LOOKING WEST
1193.4
1152.1
1152.1
1177.8
1177.8
1122.7
1150.7
1151.0
1176.1
1154.6
1165.3
1134.9
1126.9
59+00

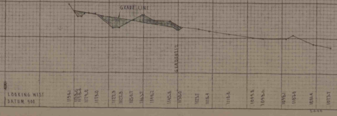

GRADE LINE
G. 1127.9
LOOKING WEST
DATUM 900
1208.4
1183.7
1195.0
1165.4
1152.5
1156.2
1138.2
1128.2
1115.1
62+00

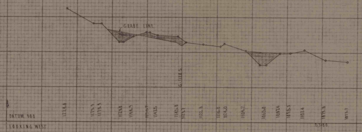

GRADE LINE
G. 1124.3
LOOKING WEST
DATUM 900
1191.2
1154.1
1173.5
1173.5
1128.7
1151.5
1174.3
1152.3
1150.6
1135.7
1122.5
1105.9
58+00

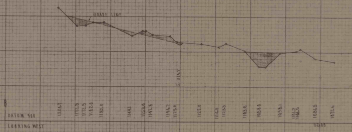

GRADE LINE
G. 1123.5
DATUM 900
LOOKING WEST
1191.2
1156.3
1169.9
1169.9
1152.0
1153.0
1145.8
1148.6
1136.7
1125.6
1124.3
1124.6
1122.5
1113.6
1102.8
1101.7
1102.4
1097.7
1086.2
1078.1
1071.7
1066.2
1059.7
1056.2
1048.6
1041.7
1039.6
1040.0
1039.7
1038.8
5700

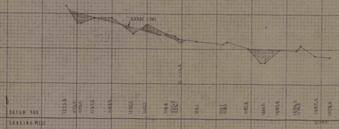

GRADE LINE
G. 1122.8
DATUM 900
LOOKING WEST
1195.0
1142.8
1170.0
1169.3
1134.0
1134.0
1153.7
1162.3
1148.7
1142.7
1136.7
1122.3
1093.6
5600

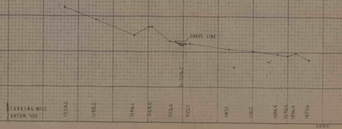

GRADE LINE
G. 1122.0
DATUM 900
LOOKING WEST
1183.1
1172.2
1176.1
1130.3
1152.2
1160.4
1149.6
1148.2
1133.8
1124.4
1096.3
5500

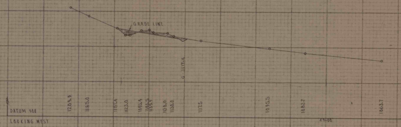

GRADE LINE
GRADE 1111.2
LOOKING WEST
DATUM 900
1194.1
1158.6
1158.6
1179.0
1179.0
1122.8
1122.8
1150.7
1163.7
1149.2
1145.8
1130.0
1123.7
1118.4
1110.6
1099.8
1098.6
1098.1
1102.0
1081.4
1073.7
5400

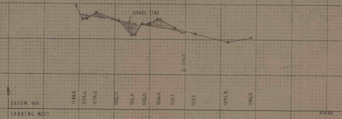

GRADE LINE
G 1120.5
1224.0
1179.9
1179.9
1129.0
1144.9
1150.7
1142.5
1145.8
1129.7
1122.8
1116.0
1124.0
1104.7
1065.0
1097.4
1093.3
1102.4
1079.8
1073.7
DATUM 900
LOOKING WEST
53+00

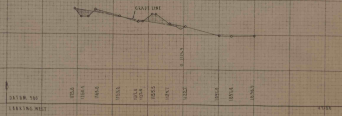

GRADE LINE
G 1115.7
1224.7
1172.5
1172.5
1182.0
1182.0
1144.1
1153.0
1142.8
1144.7
1128.0
1122.0
1114.0
1123.3
1103.0
1058.0
1098.1
1101.7
1106.5
1081.5
1072.6
DATUM 900
LOOKING WEST
52+00

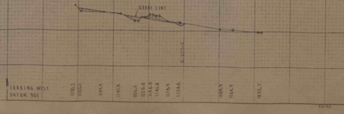

GRADE LINE
G 1119.0
1223.0
1173.2
1173.2
1187.5
1187.5
1142.2
1167.2
1141.0
1135.0
1123.1
1121.1
1113.7
1128.3
1102.0
1061.5
1097.0
1096.3
1110.3
1082.0
1078.0
DATUM 900
LOOKING WEST
51+00


GRADE LINE
G 1118.2
LOOKING WEST
DATUM 900
1224.2
1190.2
1146.1
1163.5
1128.6
1123.7
1102.2
1101.2
1094.9
1090.6
1096.4
1077.5
50+00

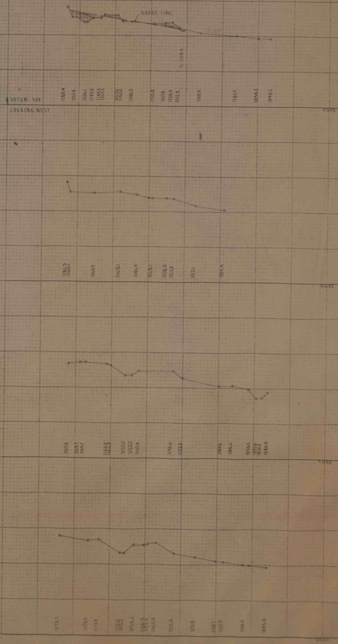

GRADE LINE
G 1117.4
DATUM 900
LOOKING WEST
1209.9
1185.0
1161.4
1123.0
1145.4
1146.5
1139.5
1138.0
1130.0
1117.5
1095.5
1082.7
1063.7
49+00


GRADE LINE
G 1116.7
DATUM 900
LOOKING WEST
1194.4
1154.6
1174.6
1152.7
1112.6
1143.5
1156.6
1131.7
1112.7
1092.8
1106.0
48+00


GRADE LINE
G 1115.9
DATUM 900
LOOKING WEST
1173.0
1150.4
1169.0
1153.0
1137.4
1132.4
1155.5
1129.7
1122.7
1097.0
1097.0
1096.9
47+00


GRADE LINE
G 1115.2
LOOKING WEST
DATUM 900
1170.2
1153.1
1149.9
1142.0
1126.0
1136.0
1146.0
1142.0
1128.9
1124.0
1104.3
1104.5
1093.7
46+00

Flood Control Project No 34 (43331)
Wilson Coal Co.
Schuylkill County
Hegins Township
Surface/Cross Section
Southern Coal Field
1"=100'
3 maps


GRADE LINE
G 1114.4
DATUM 900
LOOKING WEST
1180.4
1151.0
1136.1
1149.0
1149.0
1159.0
1152.0
1140.0
1140.0
1135.0
1137.0
1138.0
1122.8
1108.8
1106.4
1094.2
1094.2
45+00
1181.9
1164.1
1164.9
1165.1
1146.9
1138.2
1138.0
1122.0
1117.1
1104.4
44+00
1167.0
1163.7
1163.7
1166.8
1163.0
1133.2
1133.2
1147.4
1146.6
1122.0
1104.6
1104.6
1098.0
1072.0
1072.0
1083.0
43+00
1179.5
1175.0
1172.0
1134.2
1134.2
1154.6
1154.0
1152.0
1161.0
1133.0
1126.0
1109.7
1107.7
1100.0
1093.0
42+00

"FLOOD CONTROL PROJECT NO. 34"
SITUATE ON WILSON COAL CO. PROPERTY
IN HEGINS TOWNSHIP, SCHUYLKILL CO. PENNSYLVANIA
SHOWING CROSS SECTIONS
FROM STATION 42+00 TO 87+00
SCALE 1" 100 HOR. VERT.