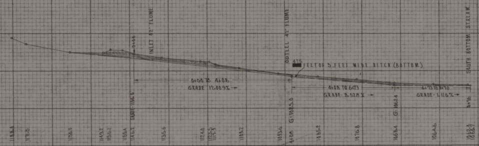
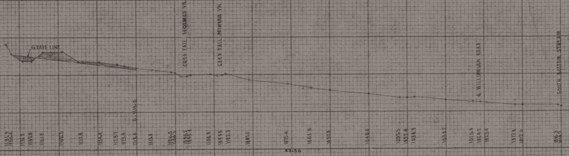
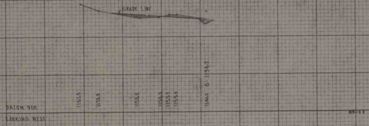
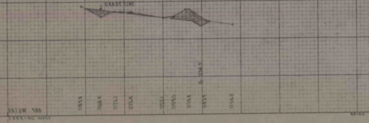

INLET 42" FLUME
OUTLET 42" FLUME
SOUTH BOTTOM STREAM
0+00
4.75
FEET OF 5 FEET WIDE DITCH (BOTTOM)
0+00 TO 4+08
GRADE 12.009% →
4+08 TO 6+73
GRADE 8.528% →
6+73 TO 8+70
GRADE 1.316% →
8+70
GRADE 1134.0
G 1085.0
G 1062.4
1188.0
1171.5
1151.0
1149.2
1156.1
1155.4
1146.2
1135.6
1124.0
1123.5
1117.5
1109.2
1093.6
4+08
1085.2
1076.8
1068.4
1064.6
1062.3
1062.7

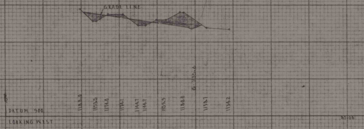
LATERAL DITCH AT 87+40 SHOWING 42" HALF ROUND PIPE AND 5 FEET WIDE DITCH 87+40

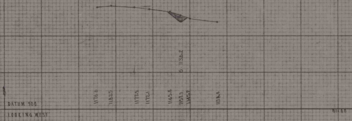

GRADE LINE
GROD FALL HOLMES VN.
GROD FALL PRIMROSE VN.
℄ WILLIAMSON ROAD
SOUTH BOTTOM STREAM
G 1114.0
1183.9
1156.4
1132.0
1137.0
1161.0
1162.5
1137.0
1134.4
1128.7
1123.4
1118.4
1113.6
1106.0
1103.3
1095.2
1099.4
1100.9
1099.9
1102.3
1085.1
1075.4
1063.8
1052.8
1048.0
1037.5
1037.4
1038.5
1030.2
1025.9
1024.2
1023.4
1017.6
1017.6
1016.3
1016.9
44+50

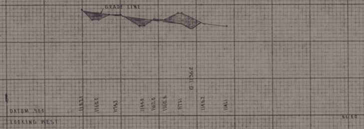

GRADE LINE
G 1134.2
1187.3
1170.8
1150.0
1150.8
1159.2
1159.4
1146.2
DATUM 900
LOOKING WEST
82+00

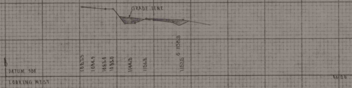

GRADE LINE
G 1134.9
1189.0
1160.4
1173.1
1173.4
1152.1
1159.5
1179.0
1147.9
1136.2
DATUM 900
LOOKING WEST
80+00

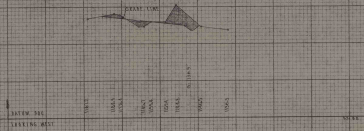
56-8

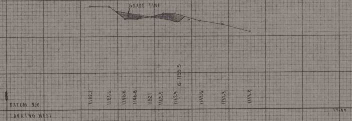

GRADE LINE
1188.0
1153.5
1174.0
1174.1
1144.7
1144.7
1159.9
1180.0
G 1135.6
1138.7
1134.2
DATUM 900
LOOKING WEST
85+00

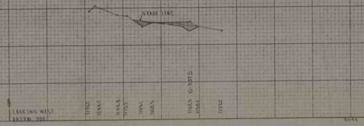

1176.6
1182.5
1172.5
1172.1
1165.8
1157.3
1145.7
G 1138.2
1138.4
DATUM 900
LOOKING WEST
81+00

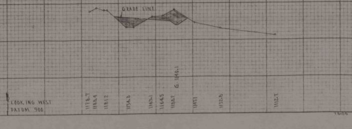

GRADE LINE
1182.1
1160.0
1174.3
1144.0
1162.0
1160.8
1174.1
G 1136.2
1148.2
1141.1
DATUM 900
LOOKING WEST
84+00

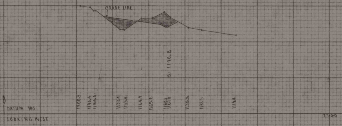

GRADE LINE
1082.3
1084.9
1083.0
1083.0
1144.8
1156.8
1152.5
G 1138.8
DATUM 900
LOOKING WEST
80+00

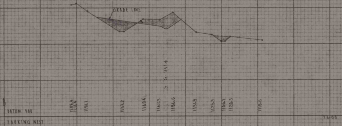

GRADE LINE
1162.2
1180.5
1178.4
1145.7
1154.4
1159.4
1244.8
G 1136.9
1146.5
1136.3
DATUM 900
LOOKING WEST
83+00

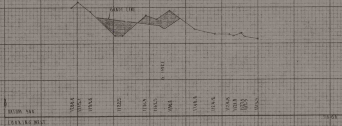

GRADE LINE
1182.2
1181.6
1146.8
1146.8
1152.1
1163.9
1162.9
G 1135.5
1142.0
1132.3
1113.0
DATUM 900
LOOKING WEST
79+00

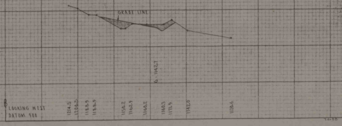

GRADE LINE
1191.7
1204.7
1180.8
1179.3
1149.1
1160.5
1162.5
G 1137.5
1150.1
1132.2
LOOKING WEST
DATUM 900
82+00

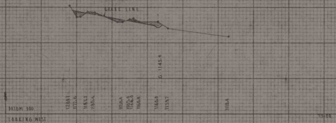

GRADE LINE
1178.7
1188.4
1181.2
1134.3
1163.1
1164.5
1180.7
G 1140.1
1142.1
1132.8
1112.7
LOOKING WEST
DATUM 900
78+00

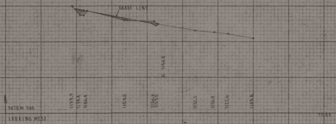

GRADE LINE
G. 1140.8
1200.3
1196.4
1186.4
1133.4
1133.4
1164.9
1165.8
1180.1
1167.0
1138.8
1132.5
1113.4
℄
DATUM 900
LOOKING WEST
17+00

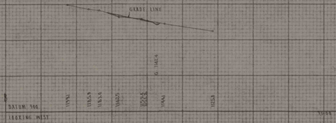

GRADE LINE
G. 1141.4
1208.4
1214.8
1191.1
1133.2
1169.4
1162.3
1186.6
1131.9
1125.3
1106.7
1120.3
1110.6
℄
DATUM 900
LOOKING WEST
16+00

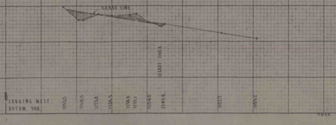

GRADE LINE
G. 1142.1
1200.0
1215.1
1189.0
1122.5
1176.9
1162.3
1190.4
1140.0
1124.8
1124.8
1121.4
1123.9
1117.9
1113.3
℄
DATUM 900
LOOKING WEST
15+00

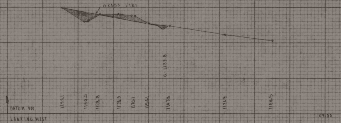

GRADE LINE
G. 1142.7
1214.5
1206.5
1188.9
1188.9
1150.2
1162.9
1160.2
1160.3
1172.9
1142.0
1120.6
℄
LOOKING WEST
DATUM 900
14+00

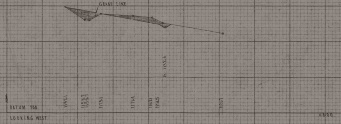

GRADE LINE
G. 1143.4
1204.7
1172.6
1187.2
1185.6
1158.4
1165.0
1168.0
1160.0
1160.0
1139.7
1118.4
DATUM 900
LOOKING WEST
73+00

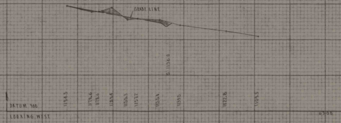

GRADE LINE
G. 1144.0
1199.9
1174.4
1186.4
1152.5
1156.8
1157.0
1132.3
1126.9
1122.6
1109.8
DATUM 900
LOOKING WEST
72+00

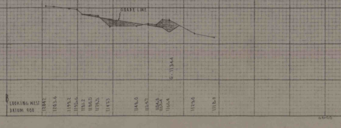

GRADE LINE
G. 1142.4
1198.1
1185.9
1183.0
1162.5
1159.4
1151.3
1144.1
1125.0
DATUM 900
LOOKING WEST
71+00

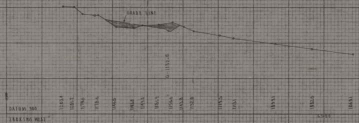

GRADE LINE
GRADE 1140.8
LOOKING WEST
DATUM 900
1193.5
1160.5
1172.0
1174.3
1174.0
1179.1
1154.0
1142.8
1122.7
1109.2
70+00


GRADE LINE
G. 1139.8
1199.1
1160.5
1178.8
1178.9
1176.1
1154.1
1142.8
1126.8
1104.5
DATUM 900
LOOKING WEST
69+00


GRADE LINE
G. 1137.6
1192.1
1158.7
1159.7
1179.1
1171.4
1167.1
1151.5
1121.7
DATUM 900
LOOKING WEST
68+00


GRADE LINE
G. 1136.0
1194.3
1178.6
1178.6
1188.4
1158.3
1152.7
1153.0
1139.5
1122.8
1109.3
DATUM 900
LOOKING WEST
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
1160.4
1166.4
1129.0
1118.9
66+00


GRADE LINE
G. 1132.8
1203.4
1201.7
1179.6
1178.6
1144.5
1143.0
1149.0
1151.9
1156.6
1143.8
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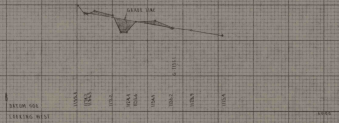
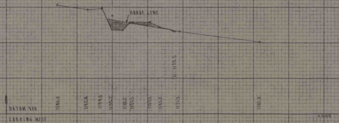
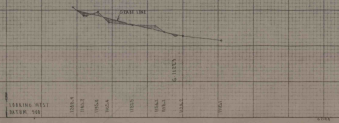
1115.5
1113.1
1099.1
1082.6
1068.1
DATUM 900
LOOKING WEST
65+00


GRADE LINE
G. 1131.1
1199.4
1174.2
1184.3
1171.2
1124.4
1153.6
1154.9
1136.2
1128.9
1115.4
DATUM 900
LOOKING WEST
64+00


GRADE LINE
G. 1129.5
1206.0
1192.6
1194.3
1135.2
1135.2
1157.3
1152.3
1143.2
1131.3
1102.0
DATUM 900
LOOKING WEST
63+00


GRADE LINE
G. 1127.9
1203.4
1183.7
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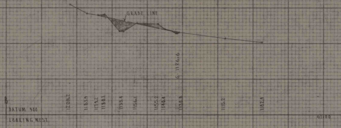
1152.5
1156.2
1138.2
1128.2
1116.1
LOOKING WEST
DATUM 900
62+00


GRADE LINE
G 1126.6
1208.2
1183.9
1179.2
1180.3
1133.4
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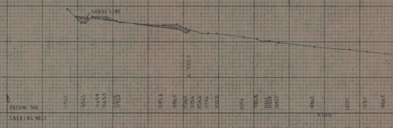
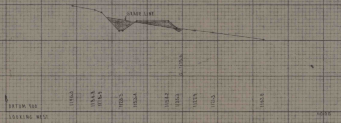
1155.2
1140.4
1130.8
1115.2
1102.9
DATUM 900
LOOKING WEST
61+00


GRADE LINE
G 1123.5
1191.2
1156.3
1169.9
1169.9
1152.0
1153.0
1145.8
1148.0
1136.7
1125.6
1124.3
1124.6
1122.5
1113.0
1102.8
1101.2
1102.4
1092.7
1086.2
1072.1
1071.7
1066.2
DATUM 900
LOOKING WEST
57+00


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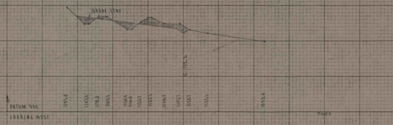
1184.8
1178.9
1126.3
1153.4
1154.2
1135.3
1122.9
1121.3
1102.0
DATUM 900
LOOKING WEST
60+00


GRADE LINE
G 1122.8
1195.0
1147.6
1178.0
1169.3
1134.0
1134.0
1153.7
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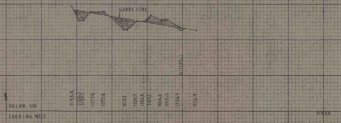
1148.7
1142.7
1130.7
1122.3
1098.6
DATUM 900
LOOKING WEST
56+00


GRADE LINE
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1152.7
1152.7
1172.8
1172.8
1122.7
1150.7
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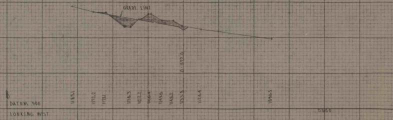
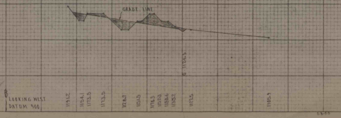
1162.1
1154.6
1155.3
1134.9
1126.9
DATUM 900
LOOKING WEST
59+00


GRADE LINE
G 1122.0
1189.1
1172.2
1172.6
1130.3
1152.2
1166.4
1149.6
1148.2
1133.8
1124.4
1096.3
DATUM 900
LOOKING WEST
55+00


GRADE LINE
G 1124.3
LOOKING WEST
DATUM 900
1191.2
1154.1
1173.5
1173.5
1128.7
1151.5
1176.3
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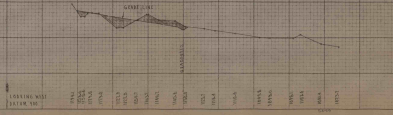
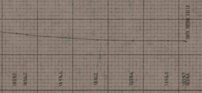
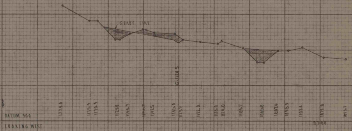
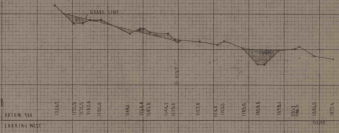
1122.5
1105.9
58+00


GRADE LINE
GRADE 1122.2
LOOKING WEST
DATUM 900
1194.1
1158.6
1158.6
1179.0
1173.0
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
1107.0
1081.4
1073.7
54+00


SOUTH BOTTOM CREEK
1059.7
1056.2
1048.6
1041.7
1039.6
1040.0
1039.7
1038.0


GRADE LINE
G 1120.5
DATUM 900
LOOKING WEST
1224.0
1179.9
1179.9
1129.0
1144.9
1150.9
1142.5
1145.0
1123.7
1122.8
1116.0
1124.0
1104.7
1065.0
1092.4
1093.3
1102.4
1079.8
1073.7
53+00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G 1115.7
DATUM 900
LOOKING WEST
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1172.5
1172.5
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1182.0
1144.1
1153.6
1147.8
1144.7
1129.0
1122.0
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1103.0
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1101.7
1106.5
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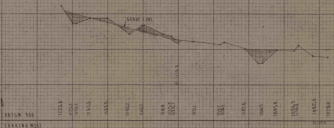
1072.6
52+00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1173.2
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1141.0
1135.0
1123.1
1121.1
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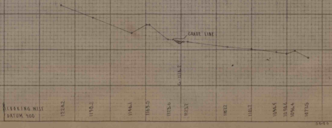
1078.0
51+00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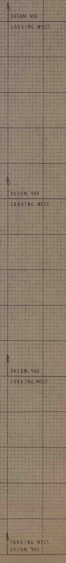
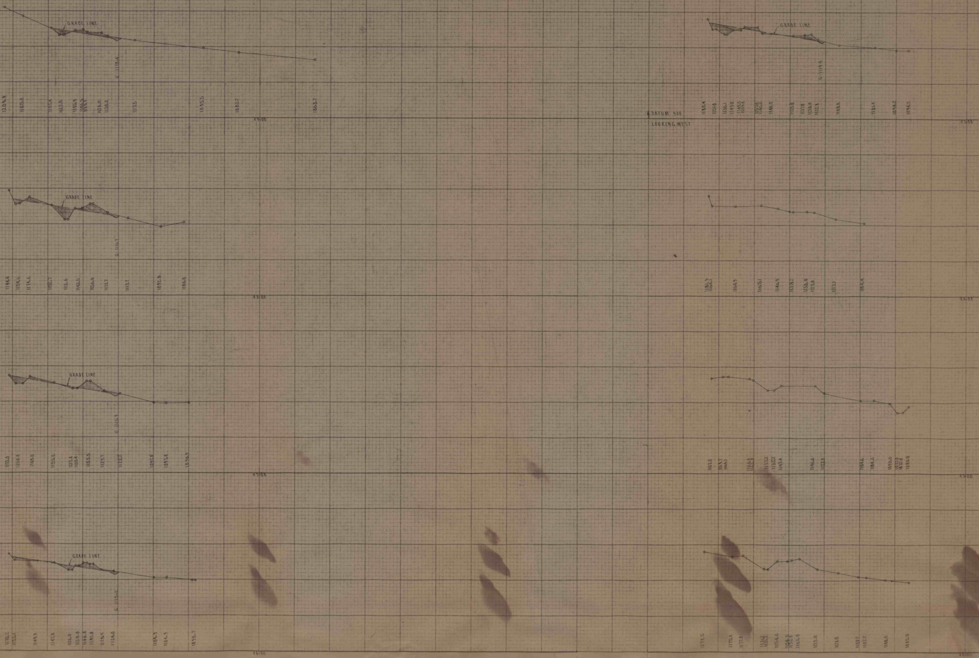
1090.6
1096.4
1077.5
56+00


DATUM 900
LOOKING WEST
DATUM 900
LOOKING WEST
DATUM 900
LOOKING WEST
LOOKING WEST
DATUM 900

Wilson Coal Co.
Flood ~~Count~~ Control Project No 34 (4322)
Schuylkill County
Hegins Township
Surface/Cross Section
Southern Coal Field
1"=100'
3 maps



GRADE LINE
GRADE LINE
GRADE LINE
GRADE LINE
GRADE LINE
℄ DATUM 900
LOOKING WEST
G 1134.4
11 80.4
1151.0
1136.1
1149.0
1145.0
1153.0
1152.8
1140.0
1140.0
1135.0
1137.0
1138.0
1122.8
1103.8
1101.4
1094.2
1094.2

"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.