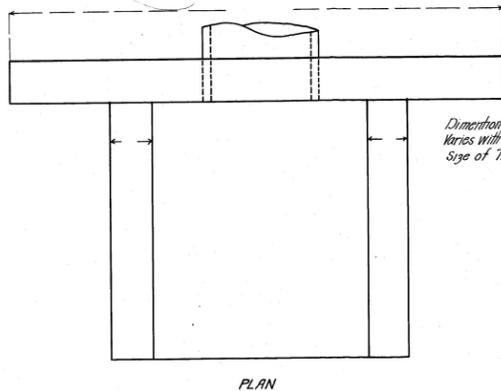
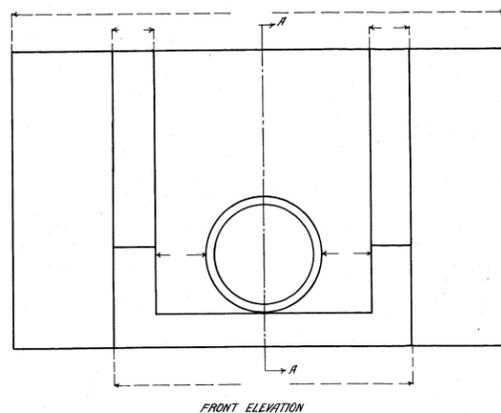


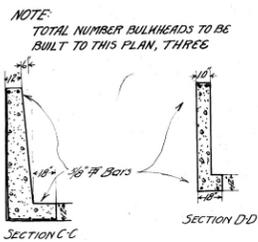
CONCRETE DROP  
Scale  $\frac{1}{4}$ " = 1'-0"



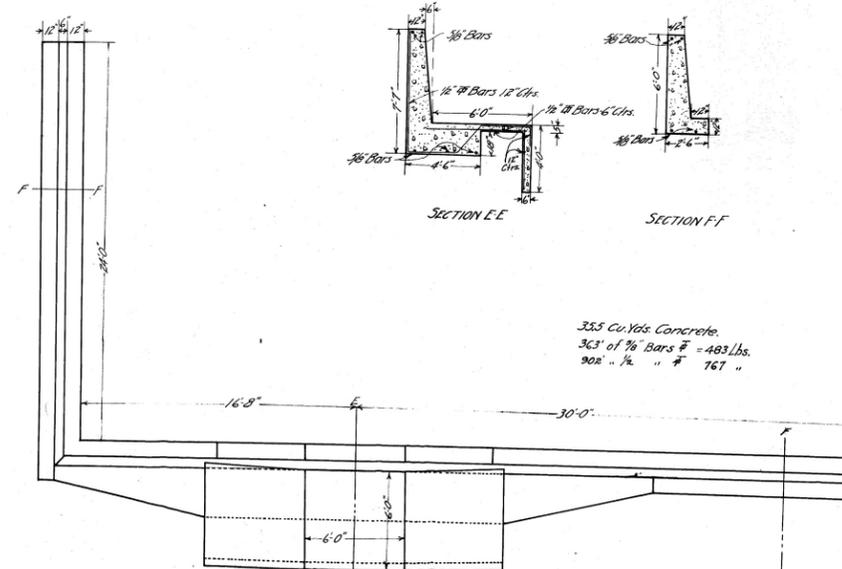
Dimensions on Bulkhead Varies with Location and Size of Tile



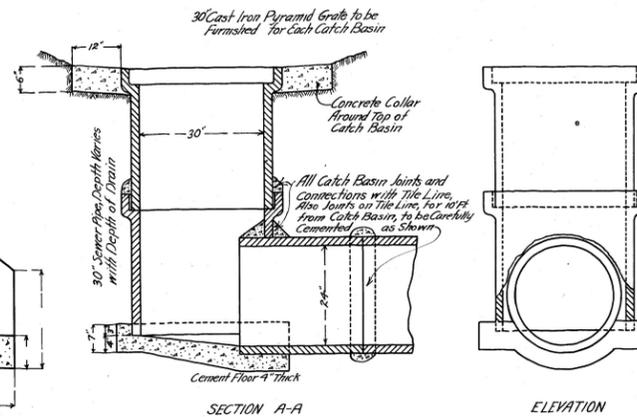
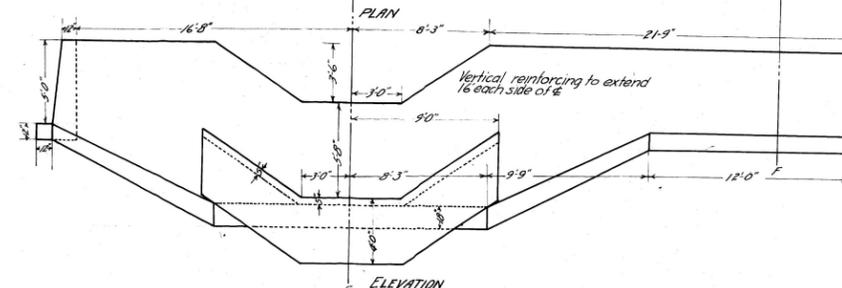
STANDARD BULKHEAD



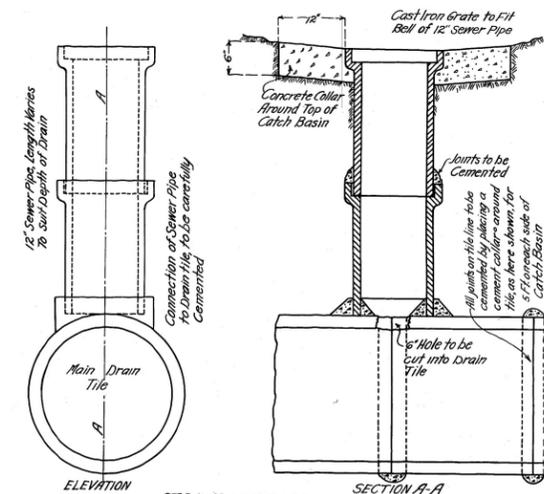
NOTE:  
TOTAL NUMBER BULKHEADS TO BE BUILT TO THIS PLAN, THREE



BULKHEAD UPPER END MAIN DITCH  
Scale  $\frac{1}{4}$ " = 1'-0"



SPECIAL CATCH BASIN  
SCALE  $\frac{3}{4}$ " = 1'



STANDARD CATCH BASIN  
SCALE 1" = 1'

DETAILS OF  
CONCRETE WORK & CATCH BASINS  
FOR  
DRAINAGE DISTRICT #83  
BUENA VISTA COUNTY IA.  
STORM LAKE IA MARCH 1916  
A.H. CUNNINGHAM ENGR.

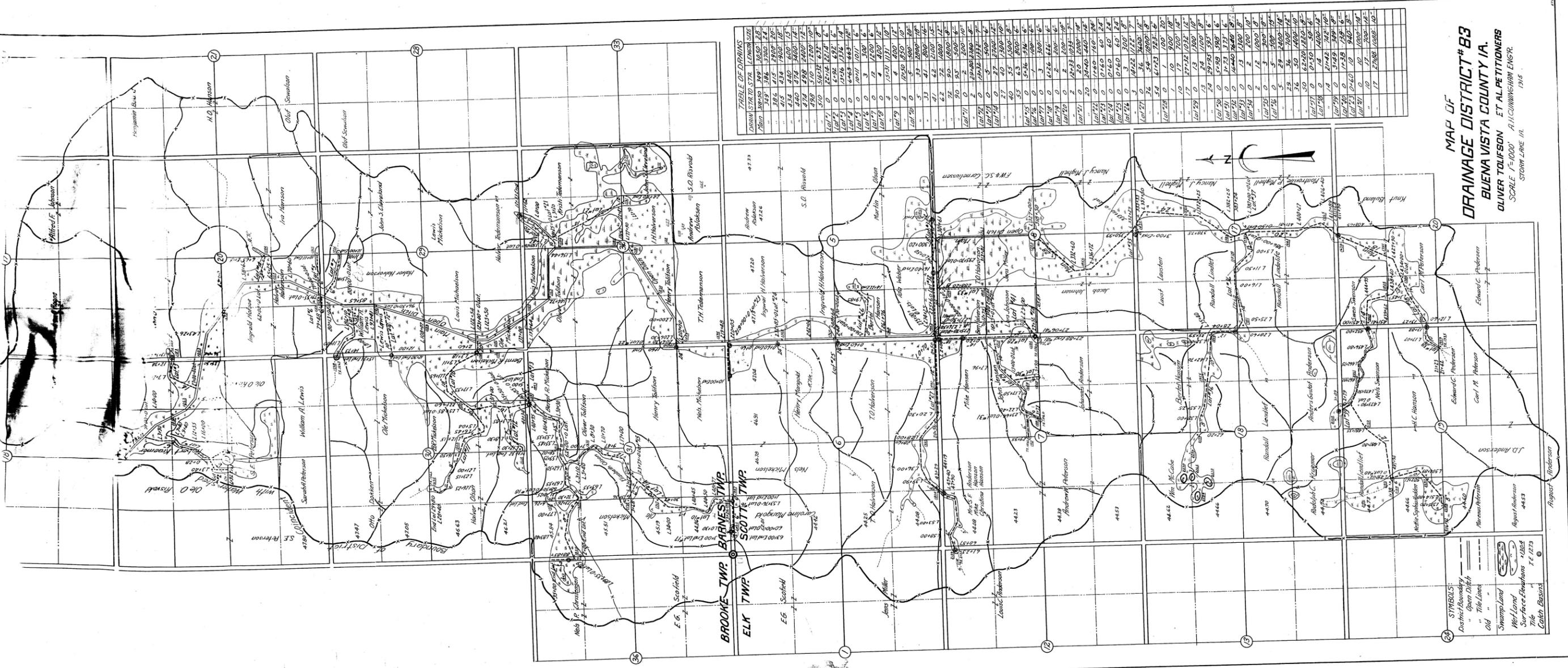


TABLE OF DRAINAGE

DRAIN	STA TO STA	LENGTH	SIZE
1010	387-50	349	24.00 24"
1011	387-50	349	24.00 24"
1012	387-50	349	24.00 24"
1013	387-50	349	24.00 24"
1014	387-50	349	24.00 24"
1015	387-50	349	24.00 24"
1016	387-50	349	24.00 24"
1017	387-50	349	24.00 24"
1018	387-50	349	24.00 24"
1019	387-50	349	24.00 24"
1020	387-50	349	24.00 24"
1021	387-50	349	24.00 24"
1022	387-50	349	24.00 24"
1023	387-50	349	24.00 24"
1024	387-50	349	24.00 24"
1025	387-50	349	24.00 24"
1026	387-50	349	24.00 24"
1027	387-50	349	24.00 24"
1028	387-50	349	24.00 24"
1029	387-50	349	24.00 24"
1030	387-50	349	24.00 24"
1031	387-50	349	24.00 24"
1032	387-50	349	24.00 24"
1033	387-50	349	24.00 24"
1034	387-50	349	24.00 24"
1035	387-50	349	24.00 24"
1036	387-50	349	24.00 24"
1037	387-50	349	24.00 24"
1038	387-50	349	24.00 24"
1039	387-50	349	24.00 24"
1040	387-50	349	24.00 24"
1041	387-50	349	24.00 24"
1042	387-50	349	24.00 24"
1043	387-50	349	24.00 24"
1044	387-50	349	24.00 24"
1045	387-50	349	24.00 24"
1046	387-50	349	24.00 24"
1047	387-50	349	24.00 24"
1048	387-50	349	24.00 24"
1049	387-50	349	24.00 24"
1050	387-50	349	24.00 24"
1051	387-50	349	24.00 24"
1052	387-50	349	24.00 24"
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1064	387-50	349	24.00 24"
1065	387-50	349	24.00 24"
1066	387-50	349	24.00 24"
1067	387-50	349	24.00 24"
1068	387-50	349	24.00 24"
1069	387-50	349	24.00 24"
1070	387-50	349	24.00 24"
1071	387-50	349	24.00 24"
1072	387-50	349	24.00 24"
1073	387-50	349	24.00 24"
1074	387-50	349	24.00 24"
1075	387-50	349	24.00 24"
1076	387-50	349	24.00 24"
1077	387-50	349	24.00 24"
1078	387-50	349	24.00 24"
1079	387-50	349	24.00 24"
1080	387-50	349	24.00 24"
1081	387-50	349	24.00 24"
1082	387-50	349	24.00 24"
1083	387-50	349	24.00 24"
1084	387-50	349	24.00 24"
1085	387-50	349	24.00 24"
1086	387-50	349	24.00 24"
1087	387-50	349	24.00 24"
1088	387-50	349	24.00 24"
1089	387-50	349	24.00 24"
1090	387-50	349	24.00 24"
1091	387-50	349	24.00 24"
1092	387-50	349	24.00 24"
1093	387-50	349	24.00 24"
1094	387-50	349	24.00 24"
1095	387-50	349	24.00 24"
1096	387-50	349	24.00 24"
1097	387-50	349	24.00 24"
1098	387-50	349	24.00 24"
1099	387-50	349	24.00 24"
1100	387-50	349	24.00 24"

MAP OF  
**DRAINAGE DISTRICT #83**  
 BUENA VISTA COUNTY IA.  
 OLIVER TOLFSON ET AL PETITIONERS  
 SCALE 1"=1000' A.H. CUNNINGHAM ENGR.  
 STORM LAKE IA. 1915

- SYMBOLS
- - - District Boundary
  - - - Open Ditch
  - - - Tile Lines
  - - - Old
  - Swamp Land
  - Wet Land
  - Surface Elevation
  - 1122
  - 1123
  - 1124
  - 1125
  - 1126
  - 1127
  - 1128
  - 1129
  - 1130
  - 1131
  - 1132
  - 1133
  - 1134
  - 1135
  - 1136
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  - 1138
  - 1139
  - 1140
  - 1141
  - 1142
  - 1143
  - 1144
  - 1145
  - 1146
  - 1147
  - 1148
  - 1149
  - 1150
  - 1151
  - 1152
  - 1153
  - 1154
  - 1155
  - 1156
  - 1157
  - 1158
  - 1159
  - 1160
  - 1161
  - 1162
  - 1163
  - 1164
  - 1165
  - 1166
  - 1167
  - 1168
  - 1169
  - 1170
  - 1171
  - 1172
  - 1173
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  - 1175
  - 1176
  - 1177
  - 1178
  - 1179
  - 1180
  - 1181
  - 1182
  - 1183
  - 1184
  - 1185
  - 1186
  - 1187
  - 1188
  - 1189
  - 1190
  - 1191
  - 1192
  - 1193
  - 1194
  - 1195
  - 1196
  - 1197
  - 1198
  - 1199
  - 1200