

PRELIMINARY DESIGN  
DRAFT LAYOUT

THE VERTICAL DATUM IS NGVD 29 (PACIFIC POWER SWIFT PROJECT DATUM). THE VERTICAL DIFFERENCE BETWEEN NAVD 88 ELEVATIONS AND NGVD 29 ELEVATIONS IS -4.58 FOR THE SWIFT PROJECT.

SWIFT STAFF GAUGE NAVD 88 ELEVATION = 1016.63 FEET  
 NAVD 88 TO NGVD 29 DATUM SHIFT = -4.58 FEET  
 SWIFT STAFF GAUGE NGVD 29/SWIFT PROJECT = 1012.05 FEET



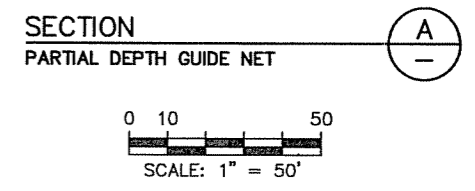
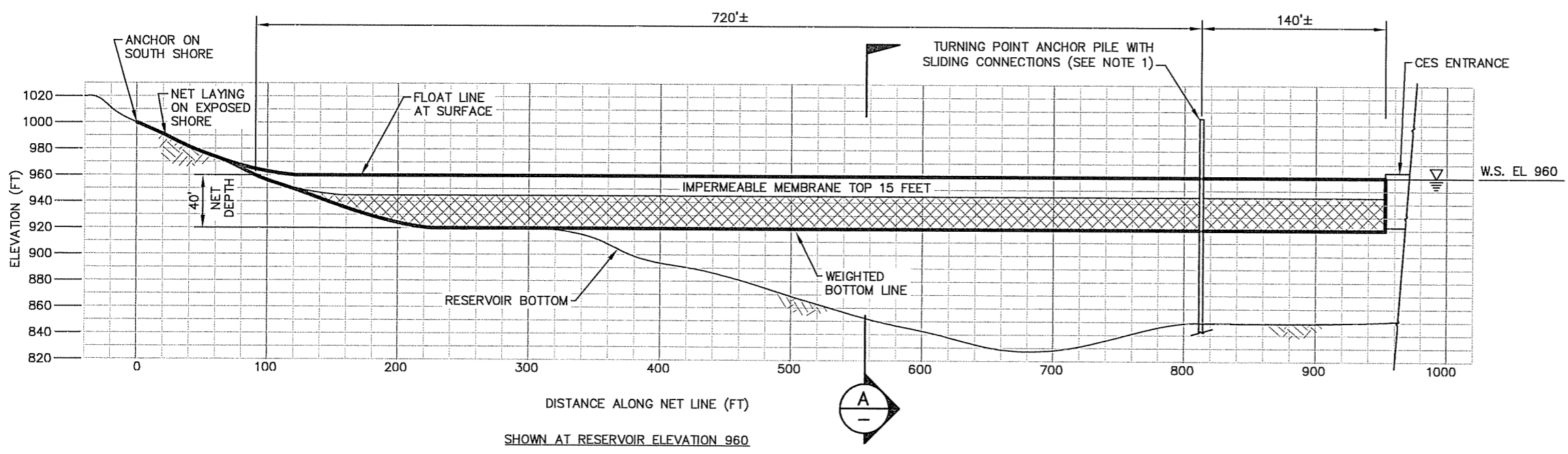
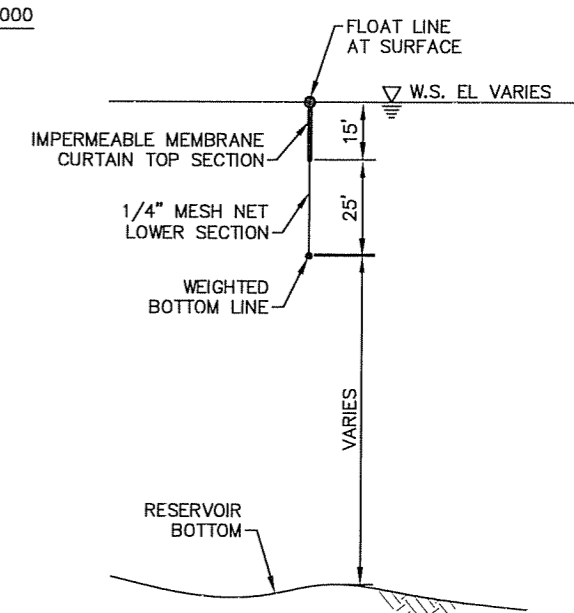
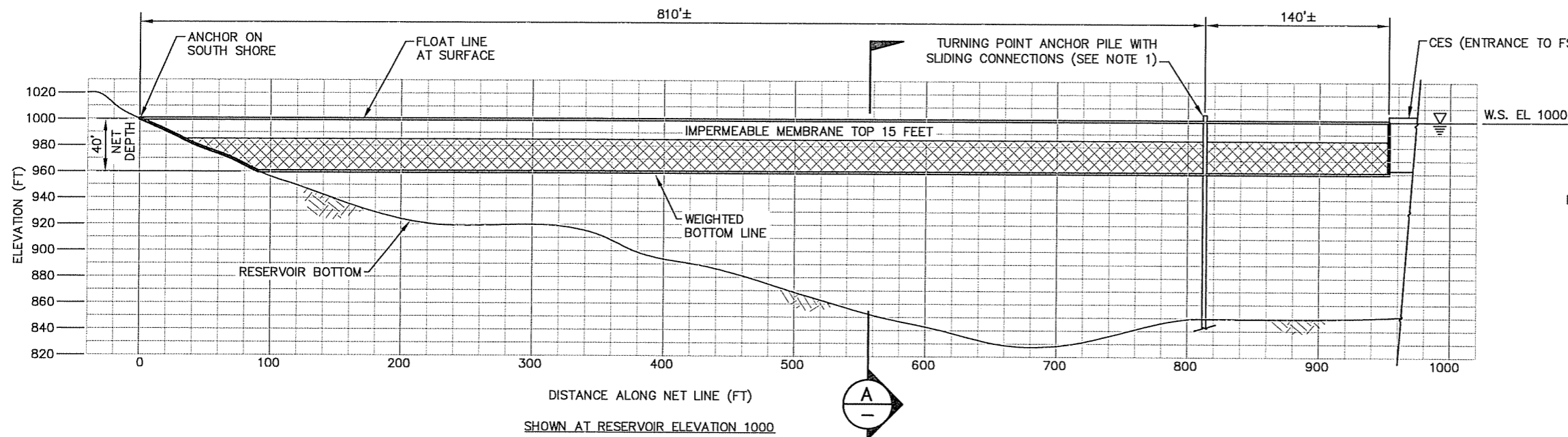
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| SAP#                        | PL#             |
| DATE 07/02/07               | ENG PJC DES PJC |
| DR PJC CH                   | APPROVAL        |
| FILENAME: GUIDE NETS-062907 |                 |
|                             |                 |

SWIFT DAM DOWNSTREAM PASSAGE  
FSC AND GUIDE NET LAYOUT  
DRAFT PLAN

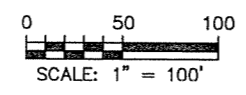
|                |       |
|----------------|-------|
| PACIFICORP     | HYDRO |
| SCALE: 1"=200' | SHEET |
| FIGURE NET-1   | REV.  |

|     |      |          |     |      |          |
|-----|------|----------|-----|------|----------|
| No. | DATE | REVISION | BY  | CHK  | APP      |
|     |      |          | No. | DATE | REVISION |
| No. | DATE | REVISION | BY  | CHK  | APP      |
|     |      |          | No. | DATE | REVISION |
| No. | DATE | REVISION | BY  | CHK  | APP      |
|     |      |          | No. | DATE | REVISION |
| No. | DATE | REVISION | BY  | CHK  | APP      |
|     |      |          | No. | DATE | REVISION |

PLOT SCALE: 1" = 1'



PROFILE ALONG NET LAYOUT – LOOKING DOWNSTREAM



- NOTES:**
1. THE TURNING POINT MAY BE SUPPORTED BY AN ANCHORED MOORING BUOY ARRANGEMENT INSTEAD OF THE ANCHOR PILE SHOWN.

PRELIMINARY DESIGN  
DRAFT LAYOUT

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**Resource Consultants, Inc.**  
REDMOND, WA

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| ENG       | PJC                 |
| DR        | PJC                 |
| DES       | PJC                 |
| CH        | CH                  |
| APPROVAL  |                     |
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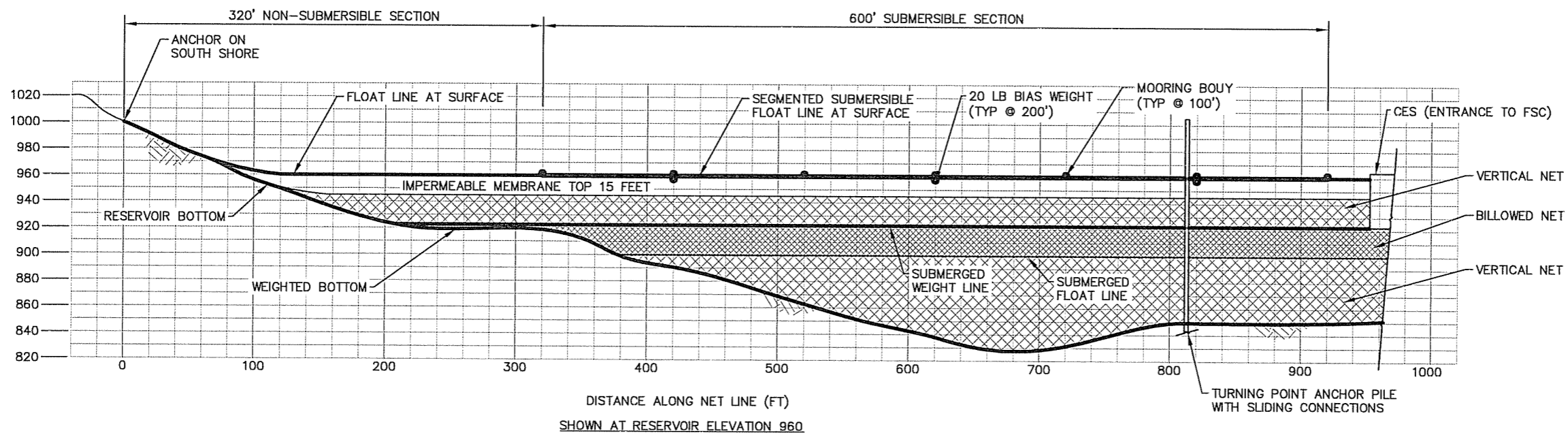
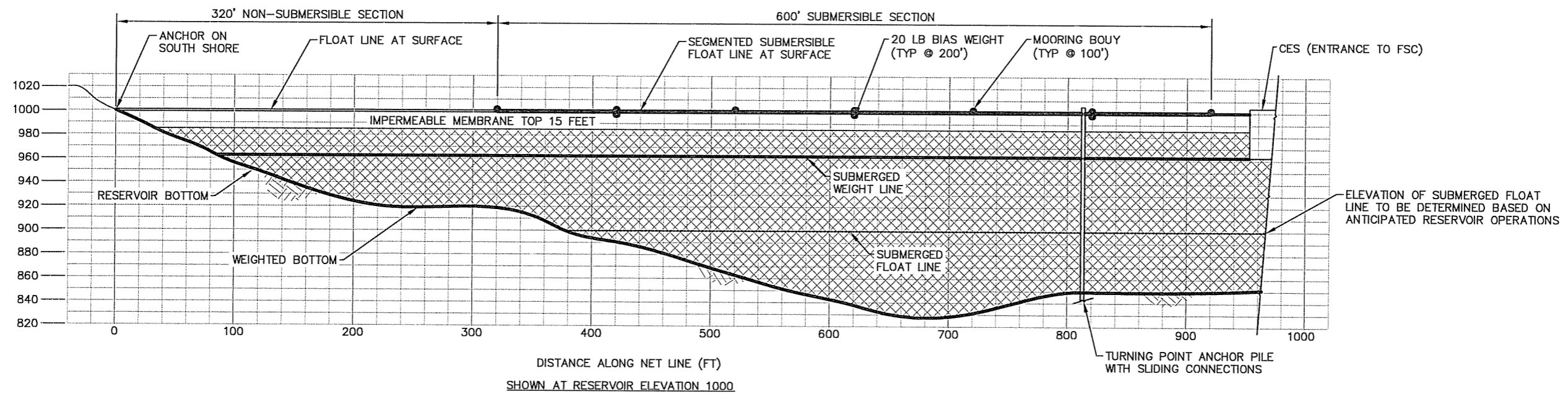
SWIFT DAM DOWNSTREAM PASSAGE  
GUIDE NET TO SOUTH BANK  
PARTIAL DEPTH NET SECTION &  
PROFILES AT EL 1000 AND EL 960

**PACIFICORP** HYDRO

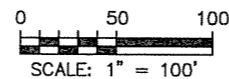
SCALE: 1"=100' SHEET FIGURE NET-2

|                    |         |
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| DRAWING No.        |         |
| REFERENCE DRAWINGS |         |
| DRAWING No.        |         |
| BY                 | CHK APP |
| REVISION           |         |
| DATE               |         |
| BY                 | CHK APP |
| REVISION           |         |
| DATE               |         |
| BY                 | CHK APP |
| REVISION           |         |
| DATE               |         |

PLOT SCALE: 1" = 1'



NET PROFILE ALONG NET LAYOUT – LOOKING DOWNSTREAM



PRELIMINARY DESIGN  
DRAFT LAYOUT

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| SAP#                          | PL#     |
| DATE 07/02/07                 | DES PJC |
| ENG PJC                       | DR PJC  |
| APPROVAL                      |         |
| FILENAME: GUIDE NETS - 062807 | REV. -  |

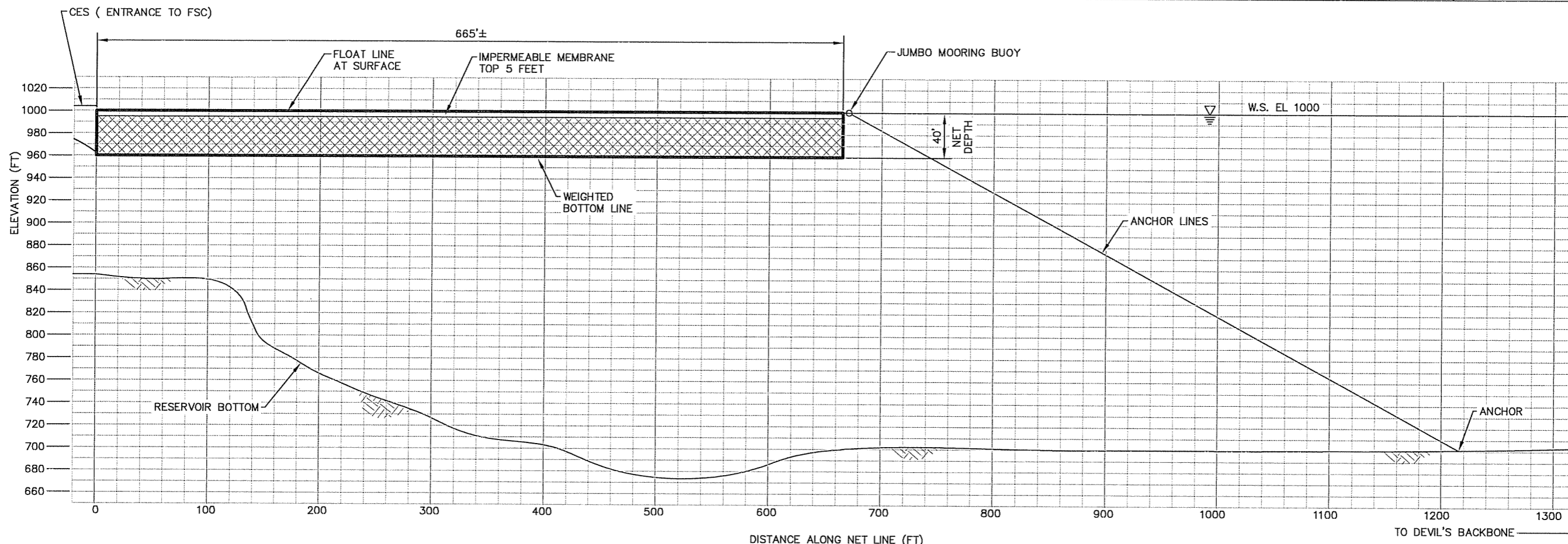
SWIFT DAM DOWNSTREAM PASSAGE  
GUIDE NET TO SOUTH BANK  
FULL DEPTH NET  
PROFILES AT EL 1000 AND EL 960

**PACIFICORP** HYDRO

SCALE: 1"=100' SHEET FIGURE NET-3

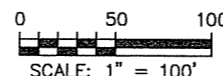
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| CHK APP            |  |
| BY                 |  |
| REVISION           |  |
| DATE               |  |
| No.                |  |
| CHK APP            |  |
| BY                 |  |
| REVISION           |  |
| DATE               |  |
| No.                |  |

PLOT SCALE: 1" = 1'



DISTANCE ALONG NET LINE (FT)  
 SHOWN AT RESERVOIR ELEVATION 1000

PROFILE ALONG NET LAYOUT



PRELIMINARY DESIGN  
 DRAFT LAYOUT

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| PL#       |                     |
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| ENG       | PJC                 |
| DR        | PJC                 |
| APPROVAL  |                     |
| FILENAME: | GUIDE NETS - 062807 |

SWIFT DAM DOWNSTREAM PASSAGE  
 LEAD NET  
 TO NEAR CENTER OF GYRE  
 PROFILE AT EL 1000

**PACIFICORP** HYDRO

SCALE: 1"=100' SHEET FIGURE NET-4

|   |                    |  |
|---|--------------------|--|
| A | REFERENCE DRAWINGS |  |
|   | DRAWING No.        |  |
| B | REFERENCE DRAWINGS |  |
|   | DRAWING No.        |  |
| C | CHK APP            |  |
|   | BY                 |  |
| D | REVISION           |  |
|   | DATE               |  |
| E | CHK APP            |  |
|   | BY                 |  |
| F | REVISION           |  |
|   | DATE               |  |