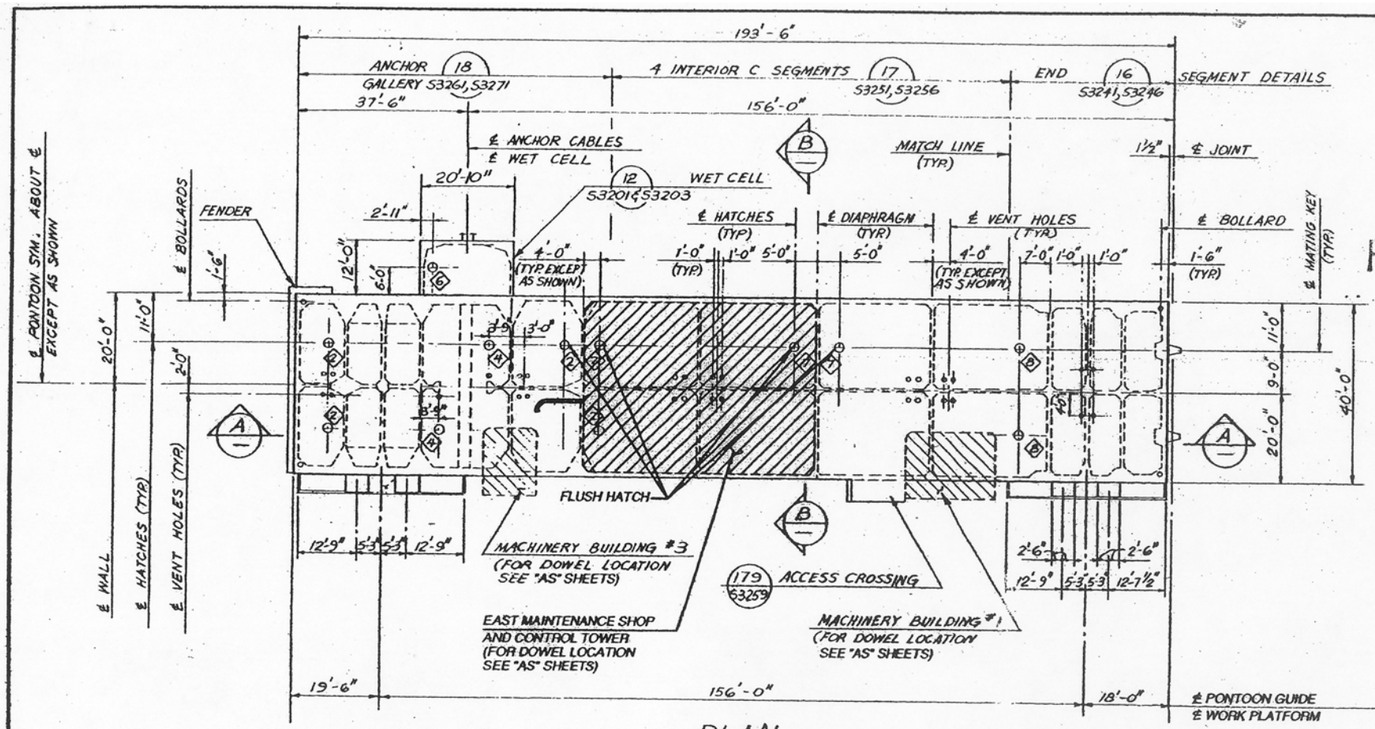
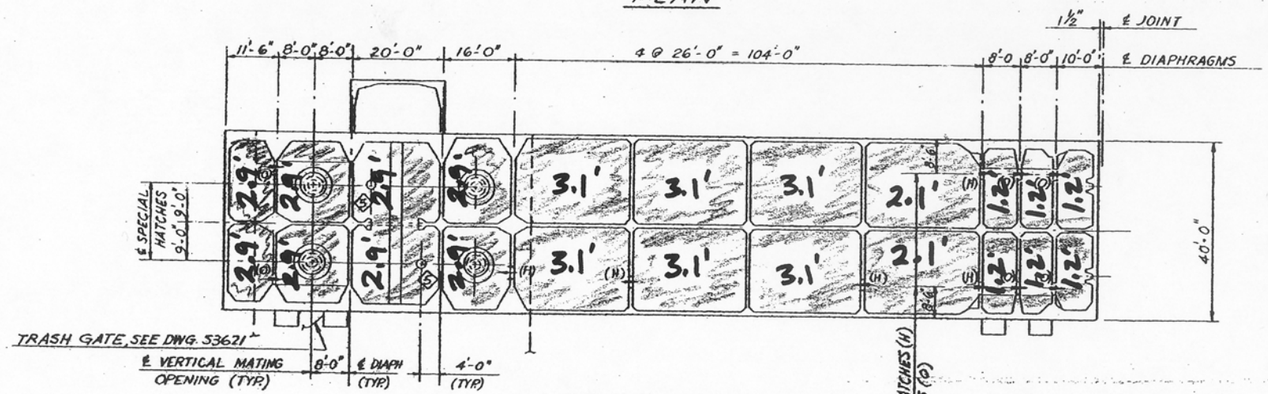
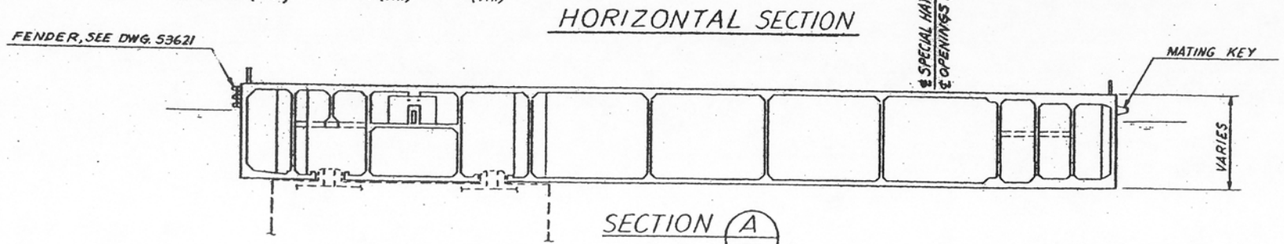
MADE BY: TWM
CHECKED BY: MAD
DATE: 4/18/03



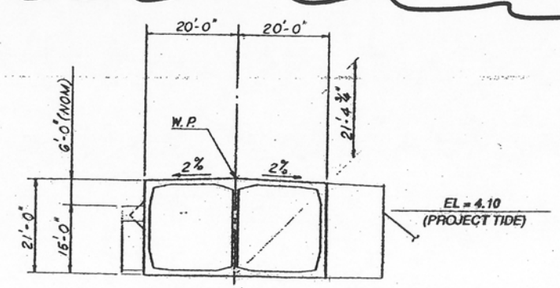
PLAN



HORIZONTAL SECTION



SECTION A



SECTION B

FOR INFORMATION ONLY

NOTES

1. FOR GENERAL LAYOUT AND PONTOON GENERAL NOTES, SEE DWG. S3100.
2. THIS DRAWING SHOWS GENERAL PONTOON LAYOUT ONLY. WORK THIS SHEET WITH PONTOON DETAIL DRAWINGS AS INDICATED.
3. FOR DELAYED CASTS SEE NOTE 3 ON DWG. S3112.
4. LADDER TYPES FOR HATCHES ARE DENOTED BY THE SYMBOL ◇
5. FLUSH HATCH LOCATED INSIDE EAST MAINTENANCE SHOP AND OTHER NOTED LOCATIONS SHALL BE SOLID, WATERTIGHT, FLAT AND FLUSH MOUNTED WITH SLAB ON PONTOON DECK. HATCH SHALL BE DESIGNED FOR AN H-10 WHEEL LOAD. SEE DETAIL 102, DWG. A334.

BALLAST NOTES:

1. PONTOONS NA, PA, NB, PB, AND Q TO HAVE BALLAST ADDED
2. THE ASSUMED BALLAST UNIT WT. = 120 lb/ft³ (CRUSHED STONE OR SAND)
3. THE CELLS TO HAVE BALLAST ARE SHADED AND THE DEPTH OF FILL (FT.) IS INDICATED.
4. PROCEDURE USED FOR BALLASTING IS AS FOLLOWS:
   a.) MAX. HEIGHT OF FILL IN ANY CELL IS 6'
   b.) MAX. DIFFERENTIAL FILL HEIGHT ON INTERIOR WALLS OF ADJACENT CELLS IS 1.0'
5. BALLAST AMOUNTS SHOWN IS TO ACHIEVE A DRAFT OF 15.0' FOR WHEN ALL THE FLANKING PONTOONS, PONTOON Q AND THE "Y" CROSS PONTOONS ARE ACTING AS ONE UNIT, AND ALL BUILDINGS / TOWERS, ETC. IN PLACE.

PAGE 1 OF 5

REV.	DATE	BY	SUB	APP	DESCRIPTION	REV.	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY S. MARESCA
DRAWN BY E.T. NEMETH
CHECKED BY A. ROSENDE
IN CHARGE A BAZSA
DATE 31 JAN 03

MICHAEL ABRAHAMS, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, NO. 18833, EXPIRES 10-23-04
1/31/03

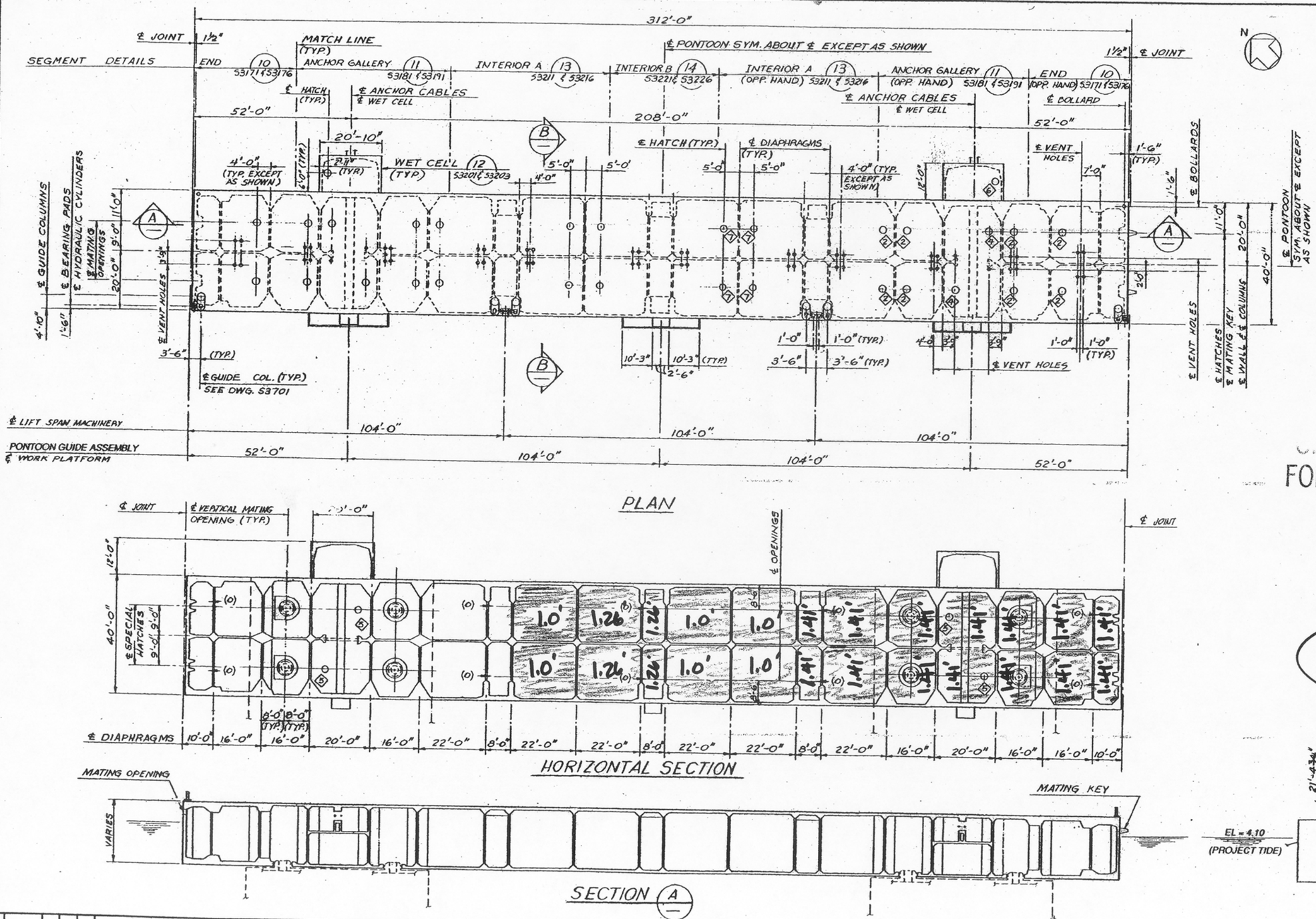
Parsons Brinckerhoff Quade & Douglas, Inc.

Washington State Department of Transportation

HOOD CANAL BRIDGE RETROFIT AND EAST-HALF REPLACEMENT

EAST SPAN PONTOONS
DRAW ASSEMBLY
PONTOON NA - LAYOUT

SCALE 1/16"=1'-0"
CONTRACT NO.
DWG NO.-REV. S3114-0
SHEET 592 OF SHEETS



NOTES

1. FOR GENERAL LAYOUT AND PONTOON GENERAL NOTES, SEE DWG. S3100.
2. THIS DRAWING SHOWS GENERAL PONTOON LAYOUT ONLY. WORK THIS SHEET WITH PONTOON DETAIL DRAWINGS AS INDICATED.
3. ALL PLATFORMS AND WET CELLS, PROJECTING BEYOND THE 40' PONTOON WIDTH SHALL BE CAST A MINIMUM OF SEVEN DAYS AFTER ALL POST-TENSIONING TENDONS TYPE "L" HAVE BEEN STRESSED. HOWEVER THE ROLLER ASSEMBLY BASES SHALL BE PART OF AN INTEGRAL PONTOON CAST. SEE SECTION B ON THIS DRAWING, FOR INFORMATION.
4. LADDER TYPES FOR HATCHES ARE DENOTED BY THE SYMBOL ◇

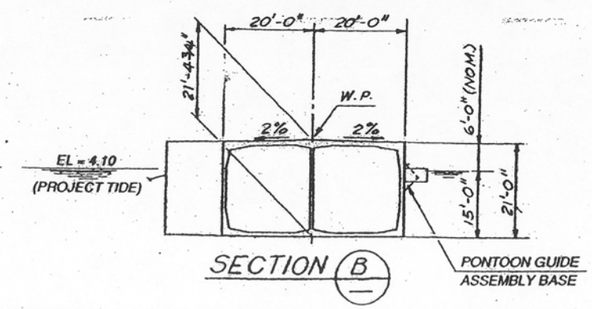
THIS DRAWING HAS BEEN REDUCED FROM ITS ORIGINAL SIZE. DO NOT SCALE.

FOR INFORMATION ONLY

PLAN

HORIZONTAL SECTION

SECTION A



SECTION B

PAGE 2 OF 5

REV.	DATE	BY	SUB	APP	DESCRIPTION	REV.	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY S. MARESCA
DRAWN BY E.T. NEMETH
CHECKED BY A. ROSENDE
IN CHARGE A BAZSA
DATE 31 JAN 03

MICHAEL ABRAHAMS — STATE OF WASHINGTON — PROFESSIONAL ENGINEER — NO. 19833 — EXPIRES 09-23-04
1/31/03

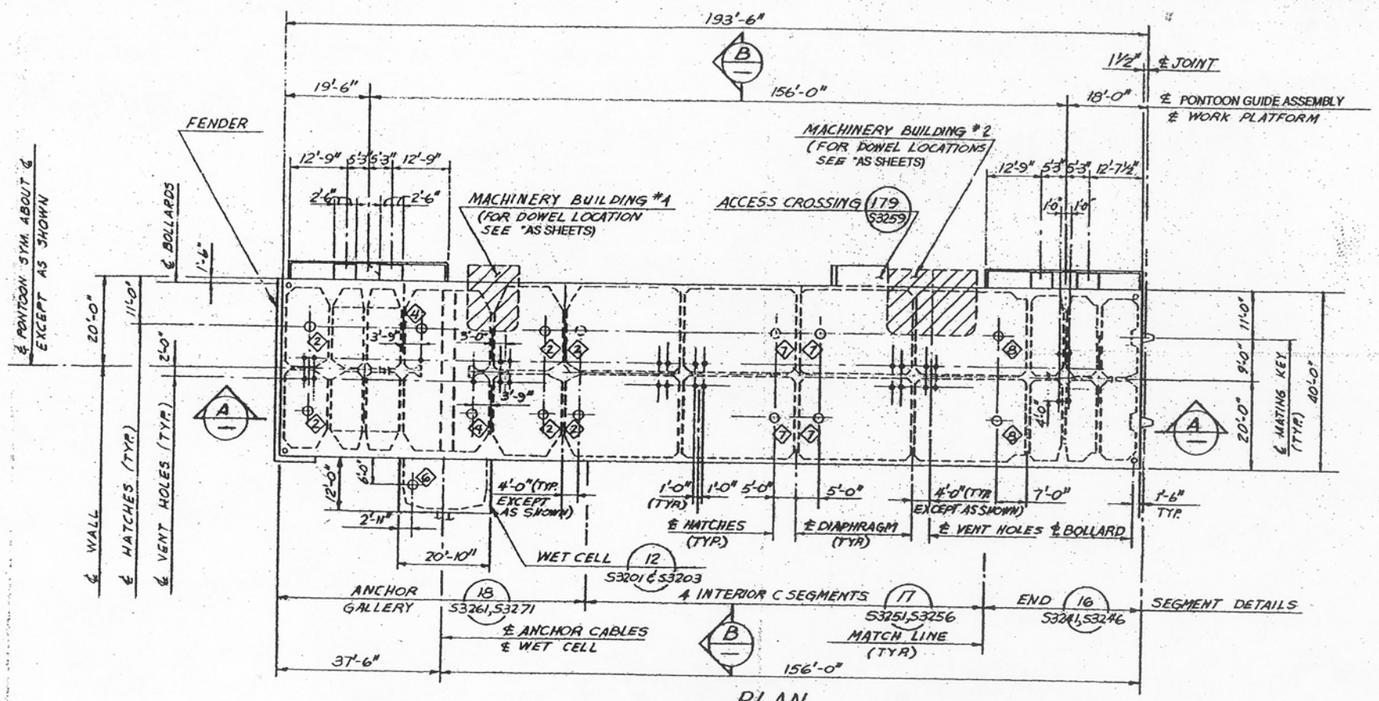
Parsons Brinckerhoff Quade & Douglas, Inc.

Washington State Department of Transportation

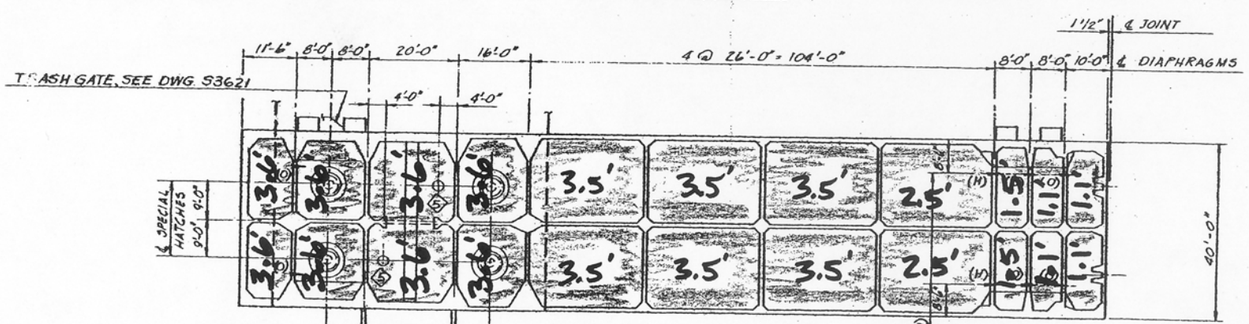
HOOD CANAL BRIDGE RETROFIT AND EAST-HALF REPLACEMENT

EAST SPAN PONTOONS
DRAW ASSEMBLY
PONTOON PA - LAYOUT

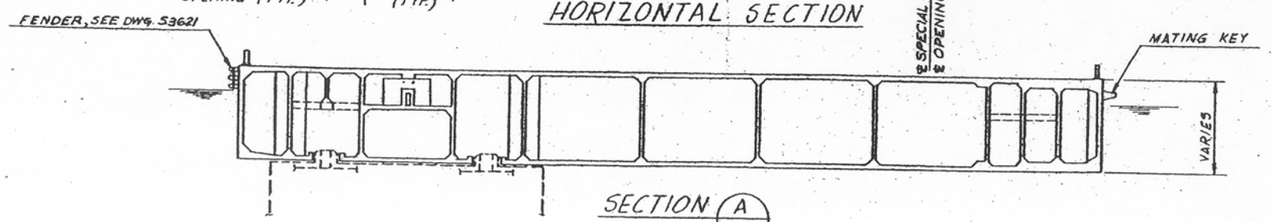
SCALE 1/16"=1'-0"
CONTRACT NO.
DWG NO.-REV. S3112-0
SHEET 590 OF SHEETS



PLAN



HORIZONTAL SECTION



SECTION A

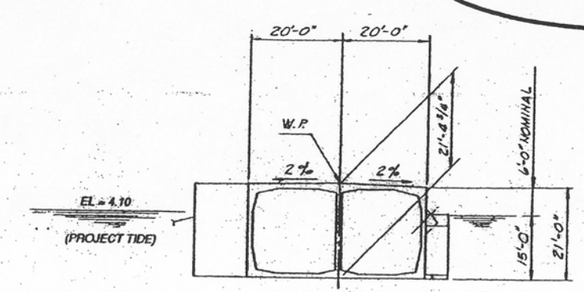
NOTES

1. FOR GENERAL LAYOUT AND PONTOON GENERAL NOTES, SEE DWG. S3100
2. THIS DRAWING SHOWS GENERAL PONTOON LAYOUT ONLY. WORK THIS SHEET WITH PONTOON DETAIL DRAWINGS AS INDICATED.
3. FOR DELAYED CASTS SEE NOTE 3 ON DWG. S3112.
4. LADDER TYPES FOR HATCHES ARE DENOTED BY THE SYMBOL ◇

THIS DRAWING HAS BEEN REDUCED FROM ITS ORIGINAL SIZE. DO NOT SCALE.

FOR INFORMATION ONLY

PAGE 3 OF 5



SECTION B

REV.	DATE	BY	SUB	APP	DESCRIPTION	REV.	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY S. MARESCA
DRAWN BY E.T. NEMETH
CHECKED BY A. ROSENDE
IN CHARGE A BAZSA
DATE 31 JAN 03

MICHAEL ABRAHAMS — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — NO. 18935 — EXPIRES 10-23-04 — 1/3/03

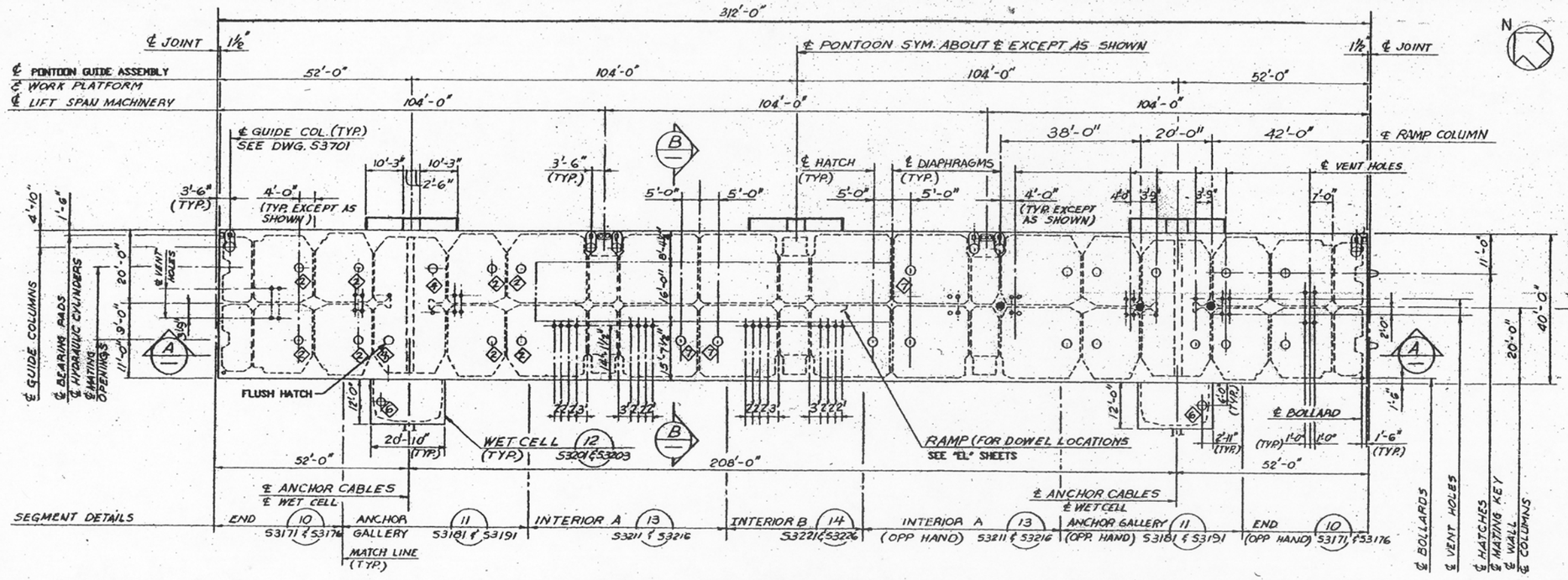
Parsons Brinckerhoff Quade & Douglas, Inc.

Washington State Department of Transportation

HOOD CANAL BRIDGE RETROFIT AND EAST-HALF REPLACEMENT

EAST SPAN PONTOONS
DRAW ASSEMBLY
PONTOON NB - LAYOUT

SCALE 1/16"=1'-0"
CONTRACT NO.
DWG NO. REV. S3115-0
SHEET 593 OF SHEETS



PLAN

NOTES

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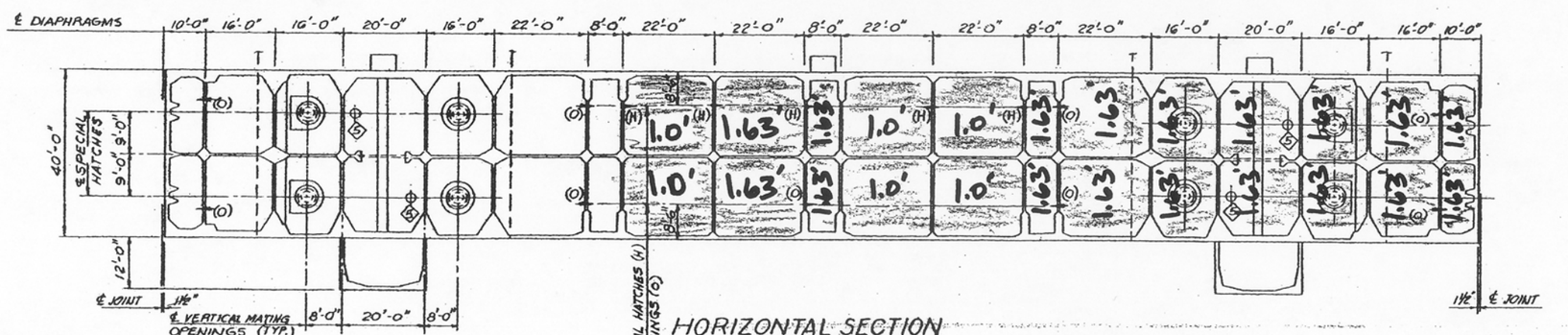
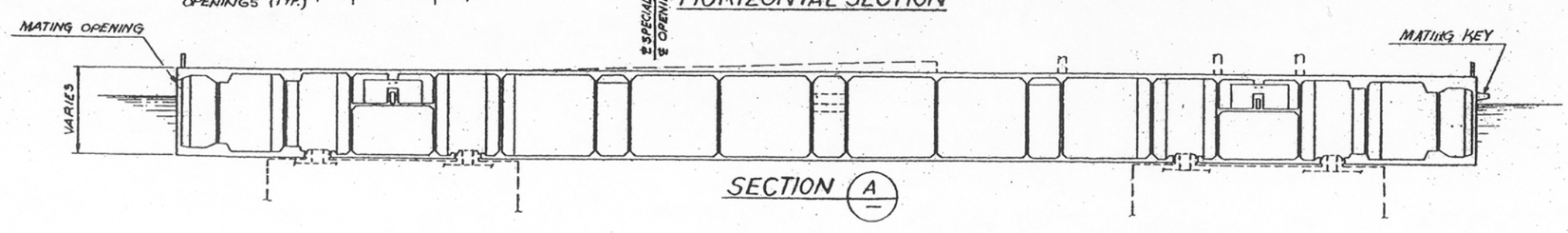
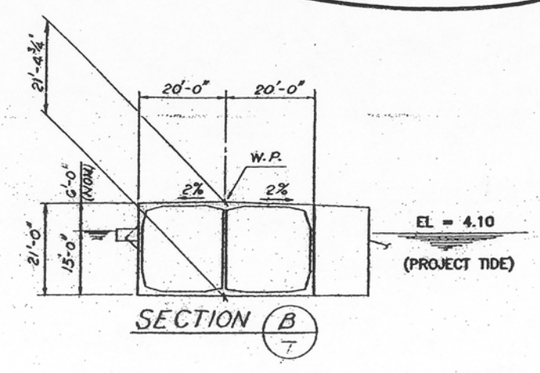
2. THIS DRAWING SHOWS GENERAL PONTOON LAYOUT ONLY. WORK THIS SHEET WITH PONTOON DETAIL DRAWINGS AS INDICATED.
3. FOR DELAYED CASTS SEE NOTE 3 ON DWG. S3112
4. LADDER TYPES FOR HATCHES ARE DENOTED BY THE SYMBOL ◇

THIS DRAWING HAS BEEN REDUCED FROM ITS ORIGINAL SIZE. DO NOT SCALE.

FOR INFORMATION ONLY







PAGE 4 OF 5

REV.	DATE	BY	SUB	APP	DESCRIPTION	REV.	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY S. MARESCA
DRAWN BY E.T. NEMETH
CHECKED BY A. ROSENDE
IN CHARGE A BAZSA
DATE 31 JAN 03

MICHAEL ABRAHAMS PROFESSIONAL ENGINEER NO. 19833 EXPIRES 09-23-04

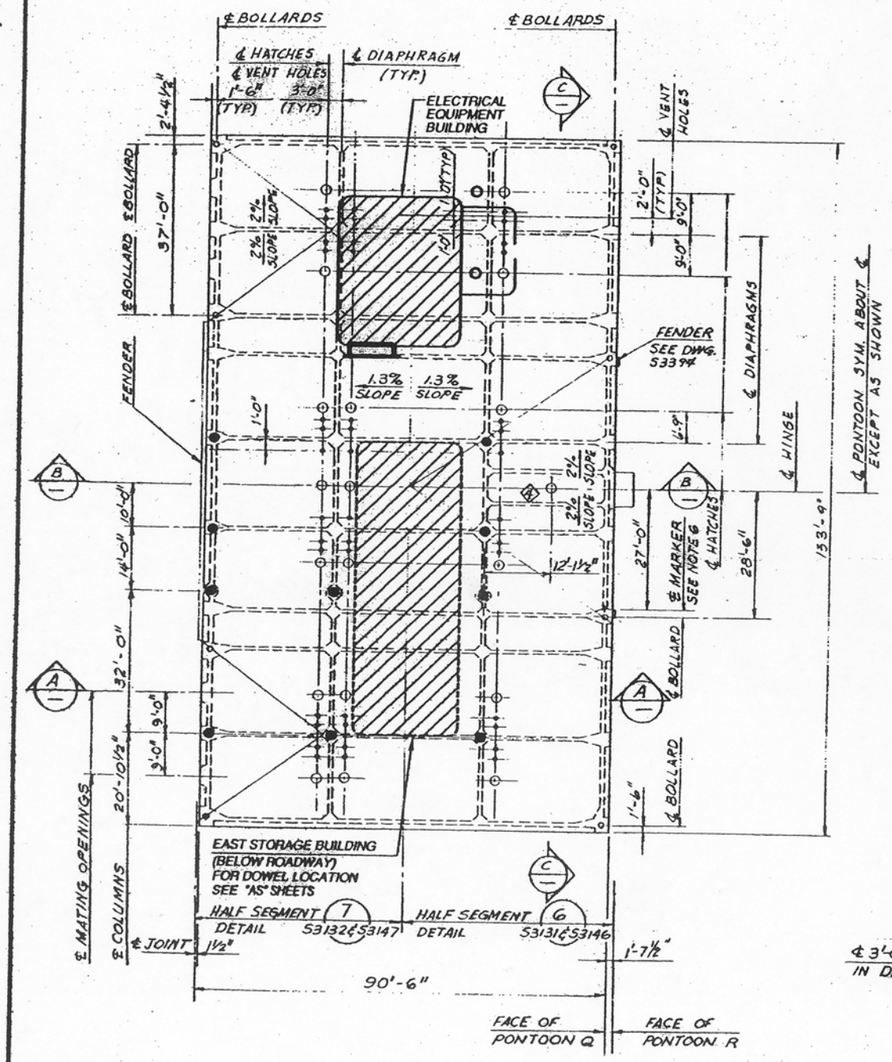
Parsons Brinckerhoff Quade & Douglas, Inc.

Washington State Department of Transportation

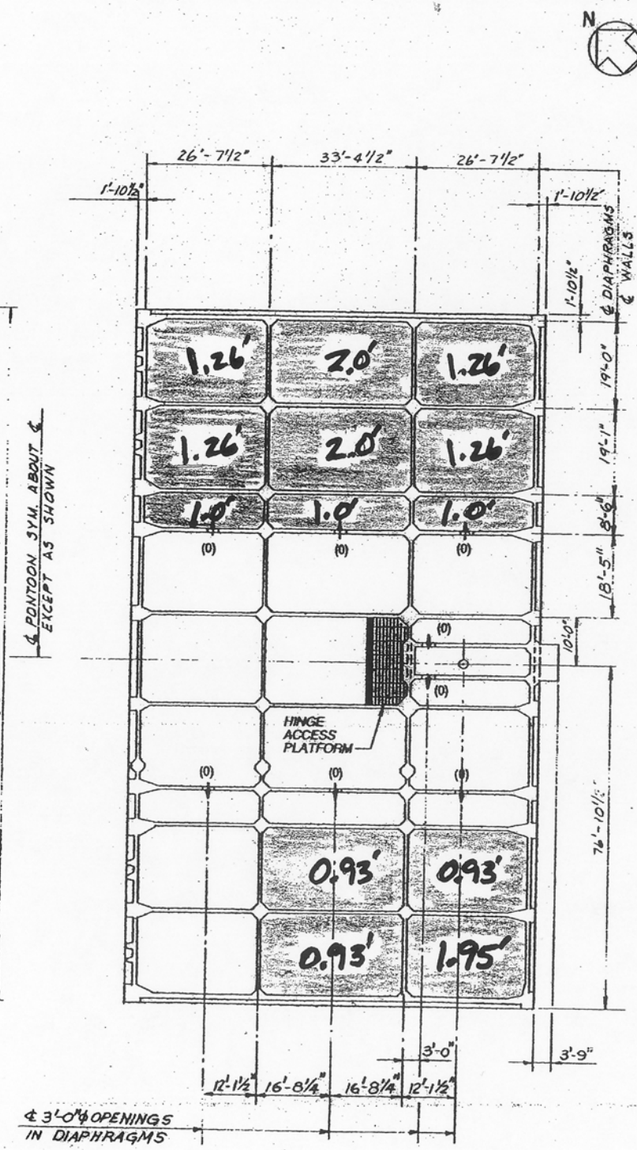
HOOD CANAL BRIDGE RETROFIT AND EAST-HALF REPLACEMENT

EAST SPAN PONTOONS
DRAW ASSEMBLY
PONTOON PB - LAYOUT

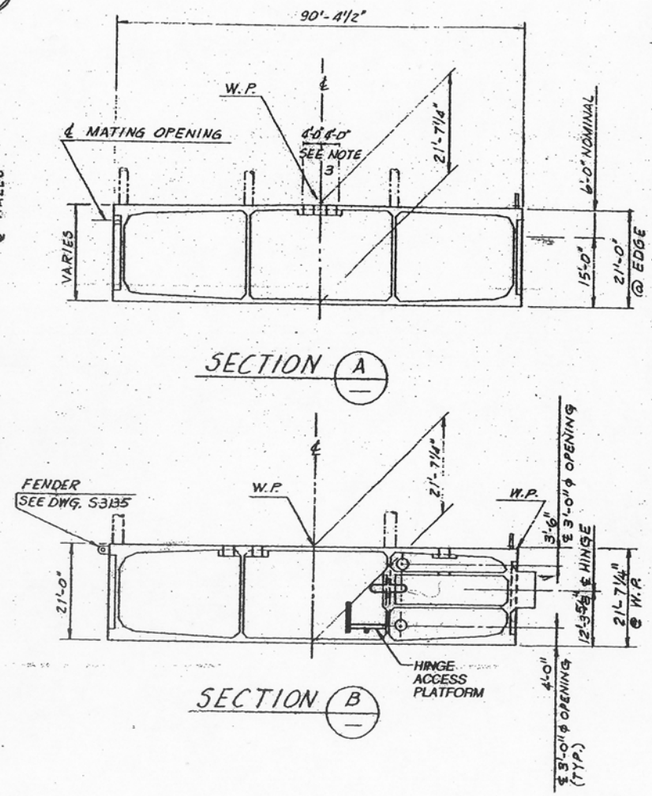
SCALE 1/16"=1'-0"
CONTRACT NO.
DWG NO.-REV. S3113-0
SHEET 591 OF SHEETS



PLAN

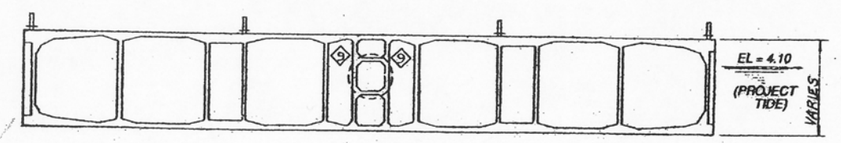


HORIZONTAL SECTION



SECTION A

SECTION B



SECTION C

NOTES

1. FOR GENERAL LAYOUT AND PONTOON GENERAL NOTES, SEE DWG. S3100.
2. THIS DRAWING SHOWS GENERAL PONTOON LAYOUT ONLY. WORK THIS SHEET WITH PONTOON DETAIL DRAWINGS AS INDICATED.
3. SLOPE TRANSITIONS (CONCAVE OR CONVEX) SHALL HAVE A MAXIMUM WIDTH OF 8 FT. LOWER FACE OF SLAB SHALL BE LEVEL OR FOLLOW SLOPE OF UPPER FACE. MINIMUM SLAB THICKNESS SHALL BE 12".
4. ALL HATCHES SHALL HAVE LADDER TYPE 1 EXCEPT AS NOTED.

   ◇ DENOTES LADDER TYPE.
5. THE DRAWINGS LISTED BELOW SHOW ADDITIONAL DETAILS:
   S3391 THRU S3394, S3611 AND S3612 - HINGE DETAILS AND ADJACENT FENDER.
   S3612 - TRASH GATE AT HINGE.
   S3612 - CROSS OVER ASSEMBLY ABOVE HINGE
6. THE CONTRACTOR SHALL EMBED IN THE PONTOON, TWO SURVEY MARKERS SUPPLIED BY WSDOT, LOCATED AS FOLLOWS:
   AT CENTERLINE OF WALL AS SCHEMATICALLY SHOWN ON PLAN. 27'-0" ON EITHER SIDE FROM CENTER LINE OF HINGE. FLUSH WITH THE TOP OF PONTOON.
7. FOR DETAILS OF HINGE ACCESS PLATFORM SEE DWG S3395

THIS DRAWING HAS BEEN REDUCED FROM ITS ORIGINAL SIZE. DO NOT SCALE.

FOR INFORMATION ONLY

PAGE 5 OF 5

REV.	DATE	BY	SUB	APP	DESCRIPTION	REV.	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY S. MARESCA
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CHECKED BY A. ROSENDE
IN CHARGE A BAZSA
DATE 31 JAN 03

MICHAEL ABRAHAMS, WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, NO. 19833, EXPIRES 05-23-04 — 1/31/03

Parsons Brinckerhoff Quade & Douglas, Inc.

Washington State Department of Transportation

HOOD CANAL BRIDGE RETROFIT AND EAST-HALF REPLACEMENT

EAST SPAN PONTOONS
DRAW ASSEMBLY
PONTOON Q - LAYOUT

SCALE 1/16"=1'-0"
CONTRACT NO.
DWG NO.-REV. S3111-0
SHEET 589 OF SHEETS