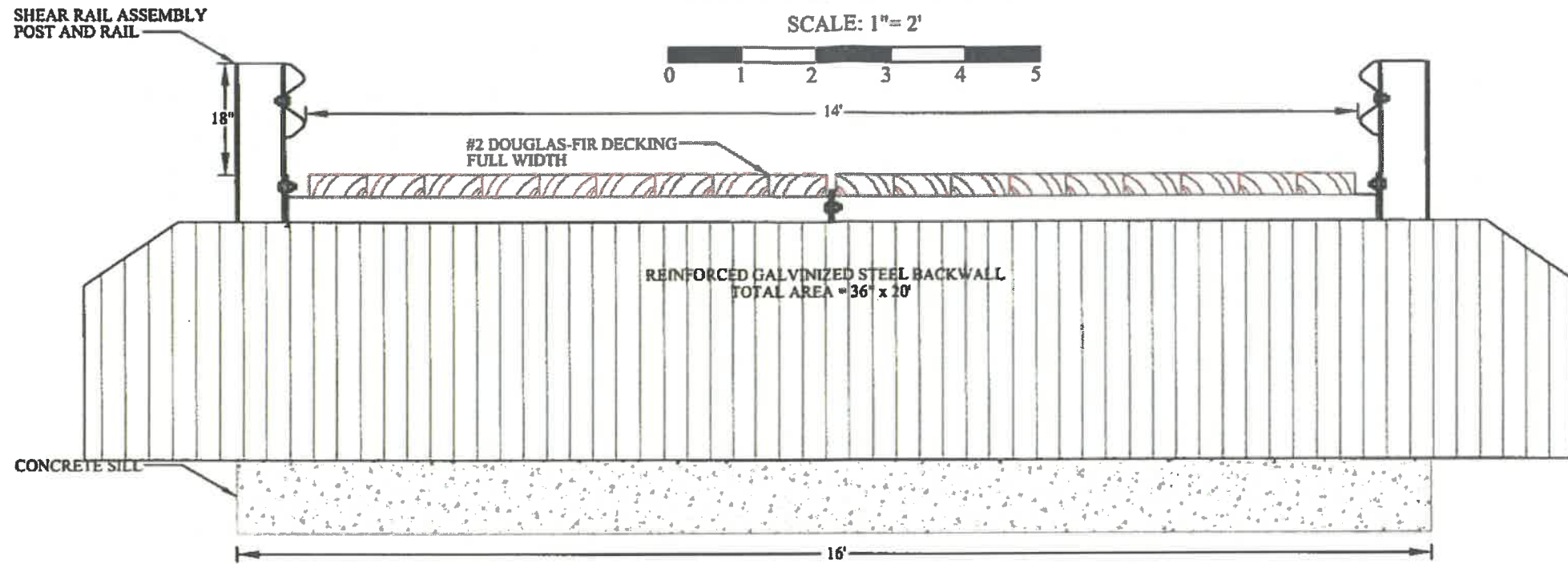


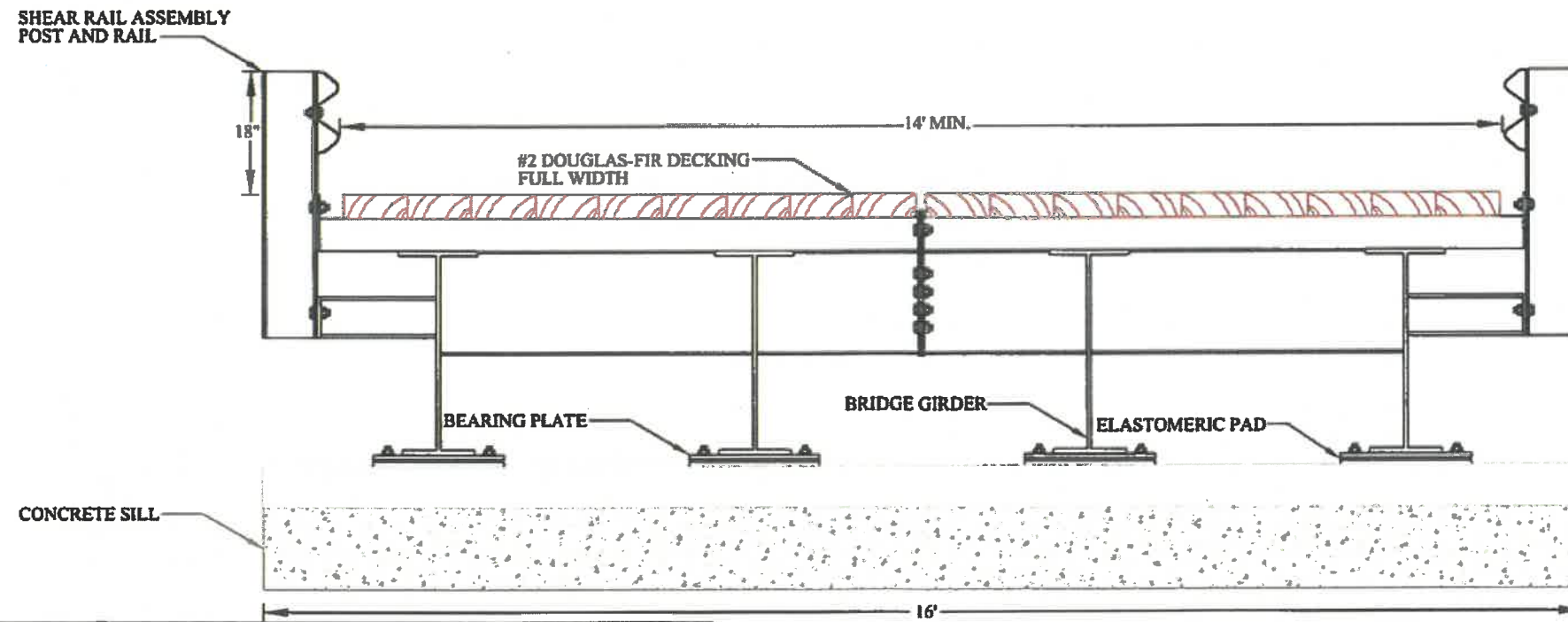
# BRIDGE END DETAIL

SCALE: 1" = 2'

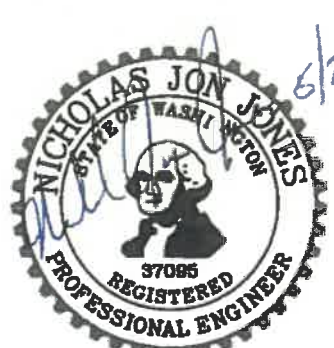


TCF-1 BRIDGE REPLACEMENT

WITH BACKWALL



WITHOUT BACKWALL



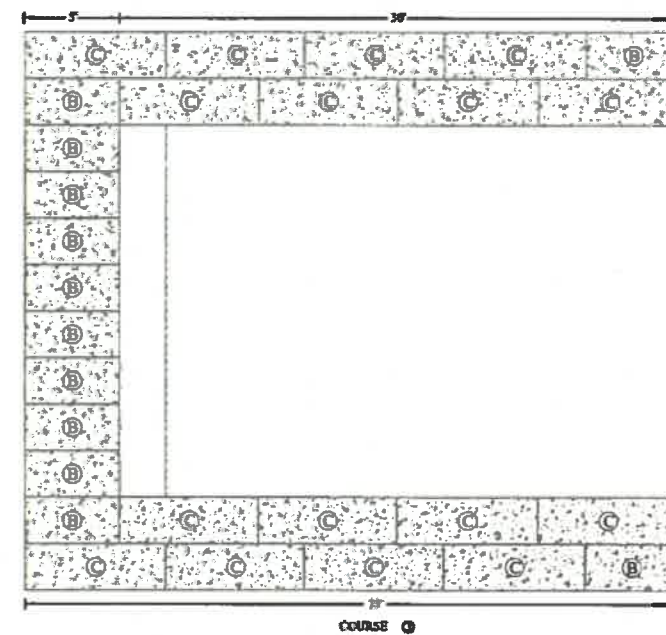
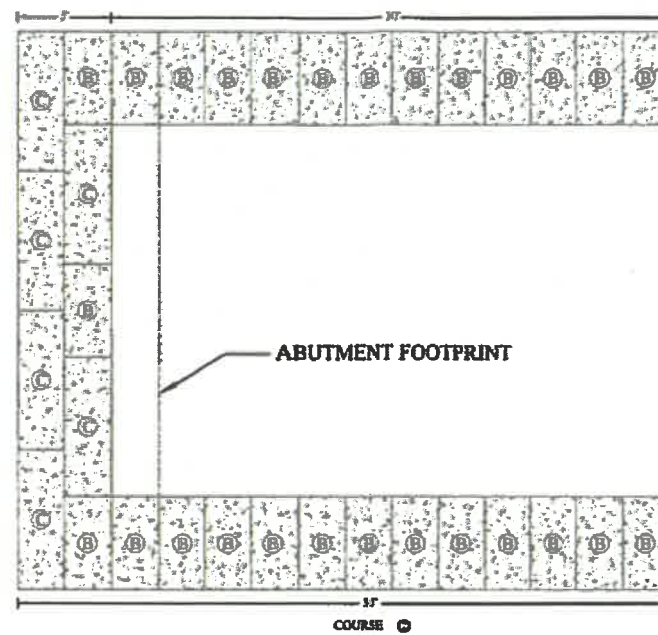
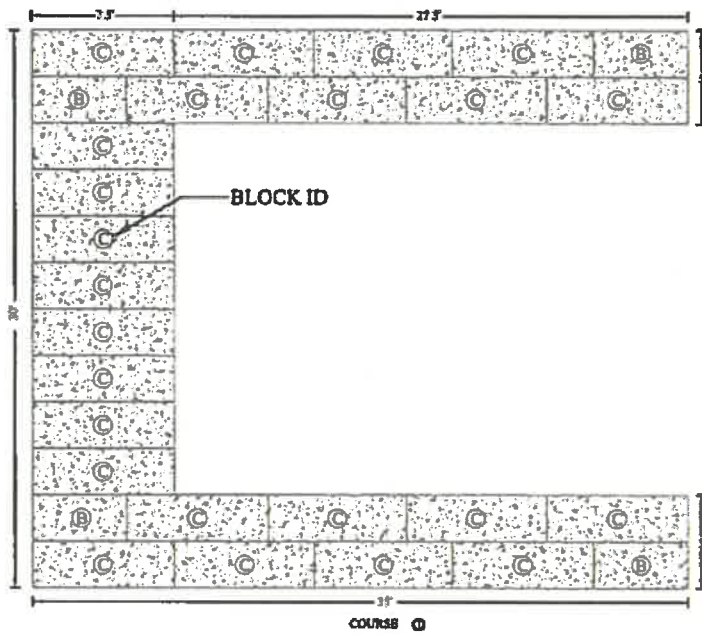
6/22/2018

WEST FORK TEANAWAY BRIDGE REPLACEMENT  
 SECTION 1, TOWNSHIP 20 NORTH, RANGE 15 EAST, W.M.  
 WEST FORK TEANAWAY DRAINAGE  
 TEANAWAY COMMUNITY FOREST  
 T3000 ROAD  
 LAT 47.258N, LONG 120.906W

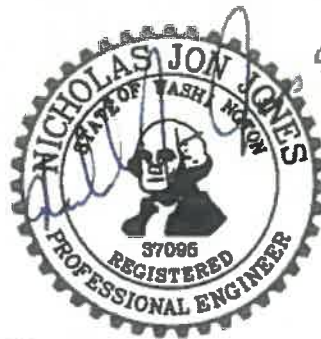
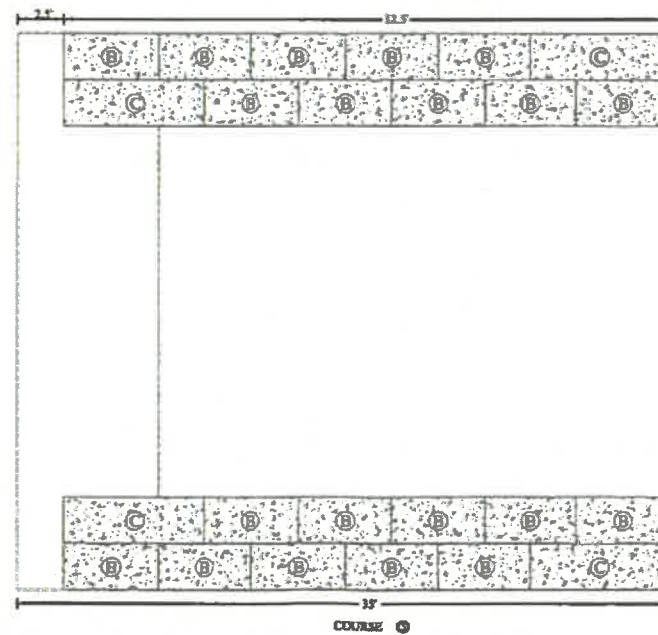
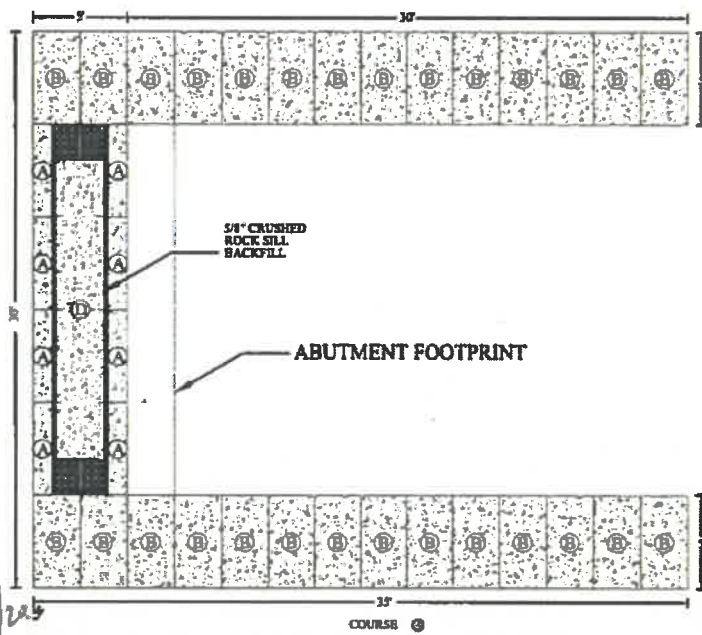
DRAWN BY: NICHOLAS J. JONES  
 DESIGNED BY: NICHOLAS J. JONES  
 DATE: MAY 29, 2018  
 SHEET 10 OF 10



SIDE FACING RIVER



SIDE FACING RIVER



5/29/2018

WEST FORK TEANAWAY BRIDGE REPLACEMENT  
 SECTION 1, TOWNSHIP 20 NORTH, RANGE 15 EAST, W.M.  
 WEST FORK TEANAWAY DRAINAGE  
 TEANAWAY COMMUNITY FOREST  
 T3000 ROAD  
 LAT 47.258N, LONG 120.906W

DRAWN BY:	NICHOLAS J. JONES
DESIGNED BY:	NICHOLAS J. JONES
DATE:	MAY 29, 2018
SHEET 8 OF 10	

PRE-CAST CONCRETE BLOCK  
 ABUTMENT STRUCTURE DETAIL  
 NORTHEAST ABUTMENT  
 PLAN VIEW

SCALE: 1" = 10'





6/16/2018



WEST FORK TEANAWAY BRIDGE REPLACEMENT	
SECTION 1, TOWNSHIP 20 NORTH, RANGE 15 EAST, W.M.	
WEST FORK TEANAWAY DRAINAGE	
TEANAWAY COMMUNITY FOREST	
T3000 ROAD	
LAT 47.258N, LONG 120.906W	
DRAWN BY:	NICHOLAS J. JONES
DESIGNED BY:	NICHOLAS J. JONES
DATE:	MAY 29, 2018
SHEET 1 OF 10	

## EXISTING BRIDGE STRUCTURE SITE PLAN VIEW

SCALE: 1" = 40'





**NEW BRIDGE STRUCTURE  
SITE PLAN VIEW**



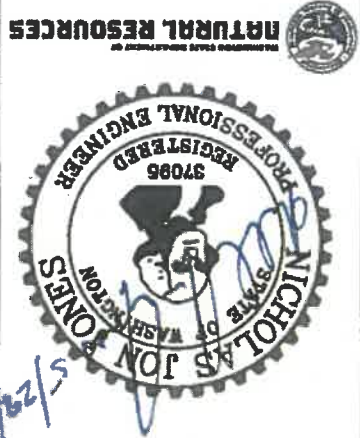
WEST FORK TEANAWAY BRIDGE REPLACEMENT	
SECTION 1, TOWNSHIP 20 NORTH, RANGE 15 EAST, W.M.	
WEST FORK TEANAWAY DRAINAGE	
TEANAWAY COMMUNITY FOREST	
T3000 ROAD	
LAT 47.258N, LONG 120.906W	
DRAWN BY:	NICHOLAS J. JONES
DESIGNED BY:	NICHOLAS J. JONES
DATE:	MAY 29, 2018
SHEET 3 OF 10	

*5/29/2018*



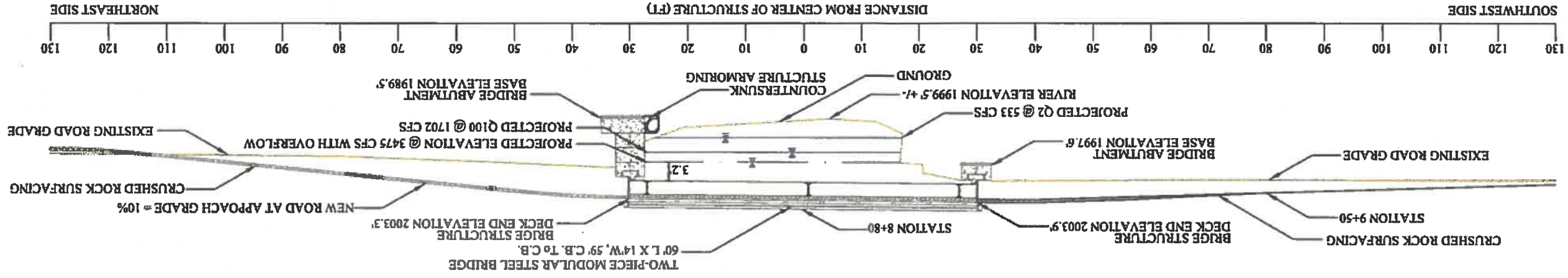
**NATURAL RESOURCES**



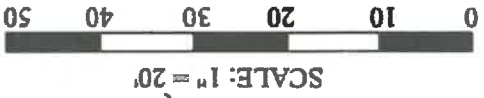
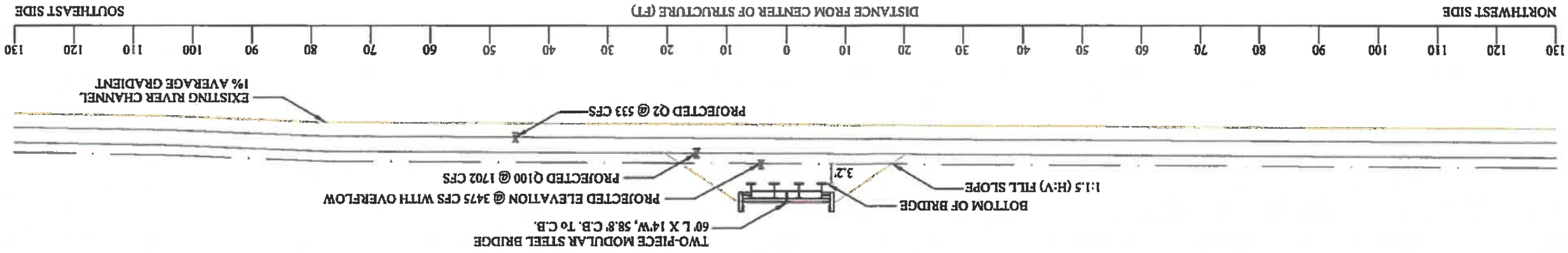


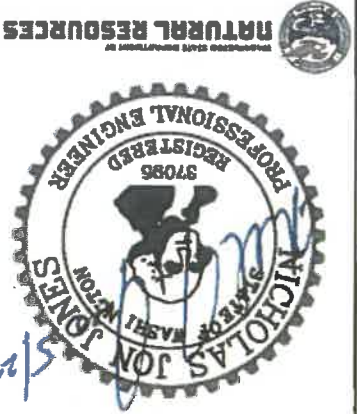
WEST FORK TEANAWAY BRIDGE REPLACEMENT  
 SECTION 1, TOWNSHIP 20 NORTH, RANGE 15 EAST, W.M.  
 WEST FORK TEANAWAY DRAINAGE  
 TEANAWAY COMMUNITY FOREST  
 T3000 ROAD  
 LAT 47.258N, LONG 120.906W  
 DRAWN BY: NICHOLAS J. JONES  
 DESIGNED BY: NICHOLAS J. JONES  
 DATE: MAY 29, 2018  
 SHEET 5 OF 10

**PROPOSED BRIDGE STRUCTURE CROSS SECTIONAL VIEW  
 LOOKING UPSTREAM**



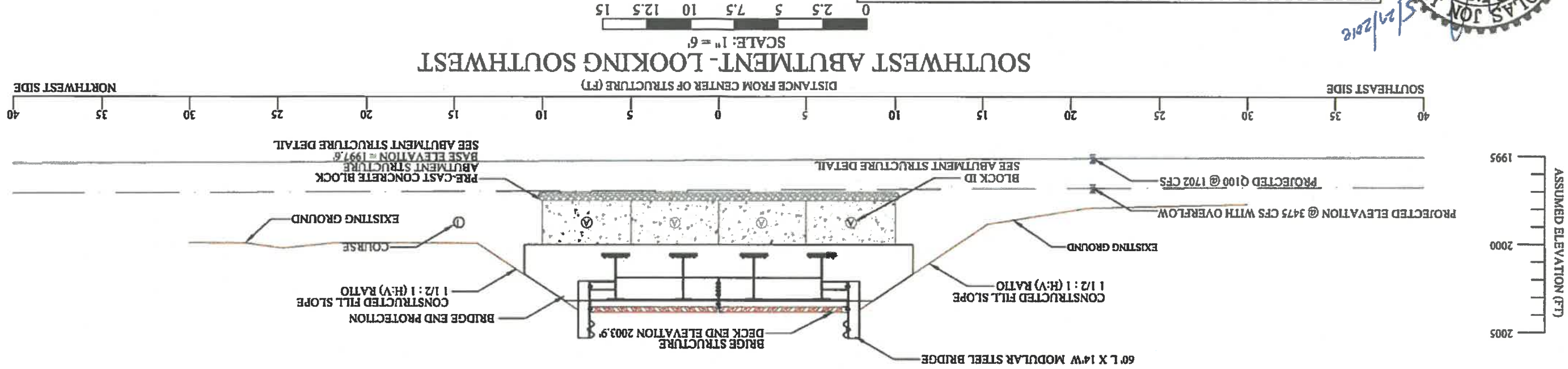
**PROPOSED BRIDGE STRUCTURE  
 RIVER PROFILE VIEW (ALONG THAT WEG)**



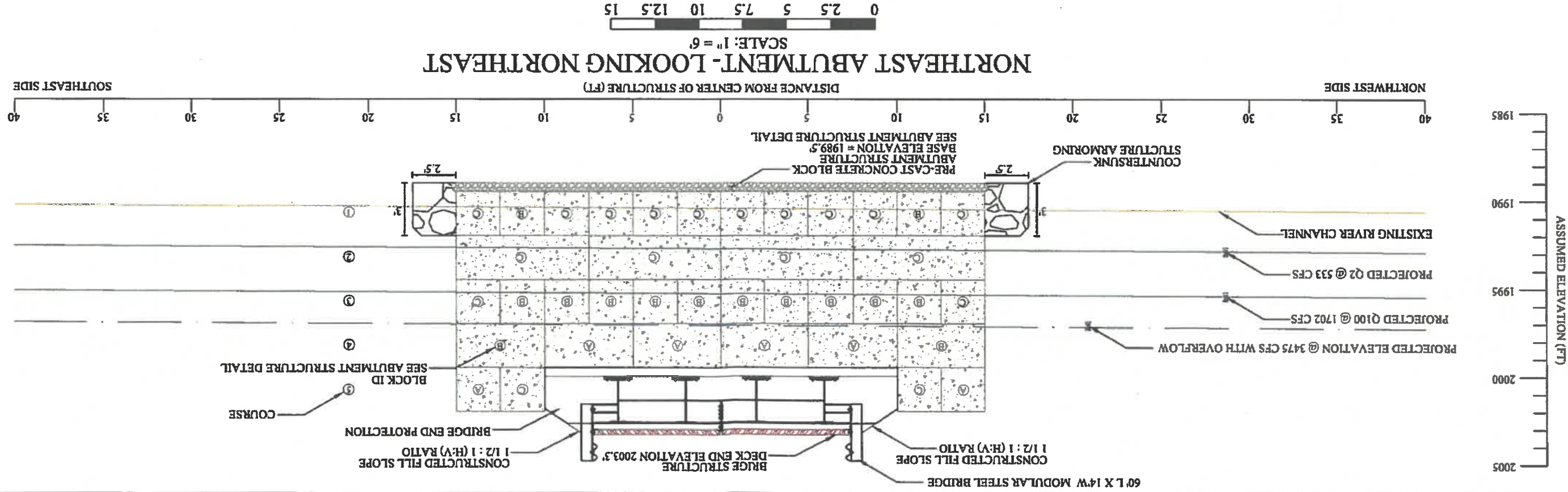


WEST FORK TEANAWAY BRIDGE REPLACEMENT  
 SECTION 1, TOWNSHIP 20 NORTH, RANGE 15 EAST, W.M.  
 WEST FORK TEANAWAY DRAINAGE  
 TEANAWAY COMMUNITY FOREST  
 T3000 ROAD  
 LAT 47.258N, LONG 120.906W  
 DRAWN BY: NICHOLAS J. JONES  
 DESIGNED BY: NICHOLAS J. JONES  
 DATE: MAY 29, 2018  
 SHEET 7 OF 10

**SOUTHWEST ABUTMENT - LOOKING SOUTHWEST**

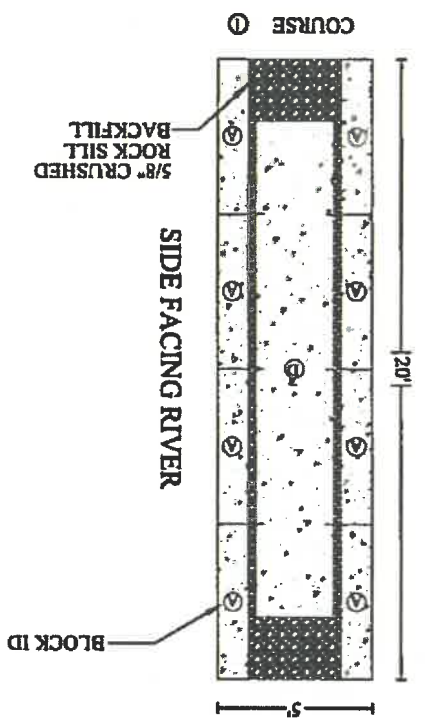


**NORTHEAST ABUTMENT - LOOKING NORTHEAST**



**PRE-CAST CONCRETE BLOCK  
ABUTMENT STRUCTURE DETAIL  
SOUTHWEST ABUTMENT  
PLAN VIEW**

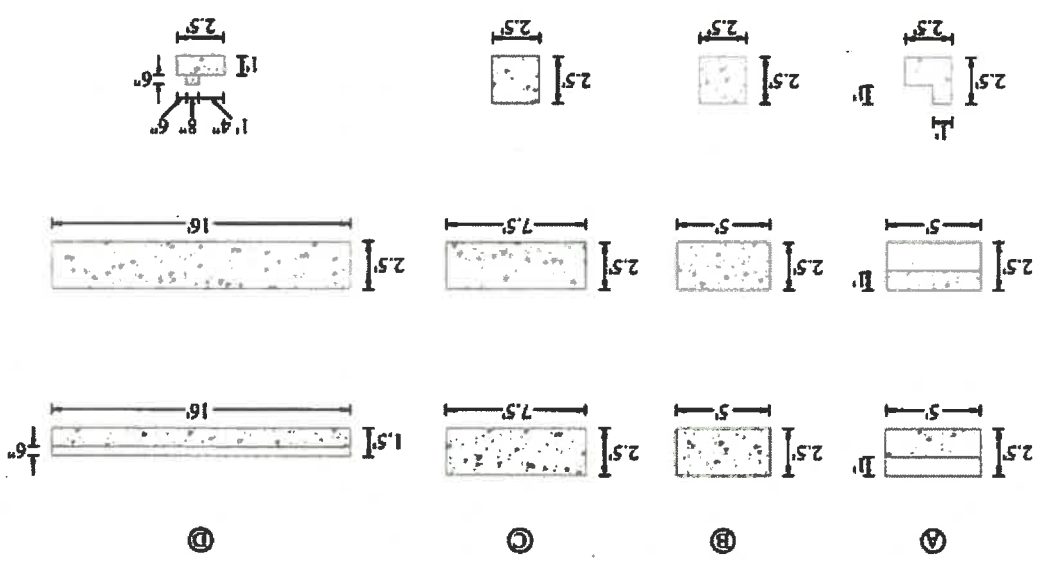
SCALE 1" = 6'  
0 2.5 5 7.5 10



ELEVATION VIEW

PLAN VIEW

END VIEW



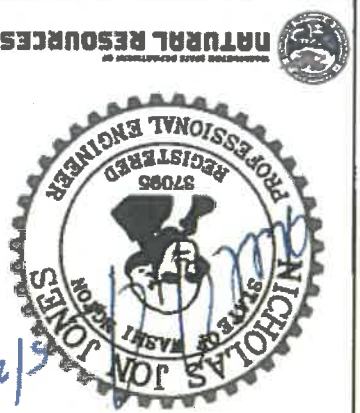
**PRE-CAST CONCRETE BLOCK  
DIMENSION DETAIL AND LIST**

SCALE 1" = 10'  
0 5 10 15 20 25

- PRECAST CONCRETE BLOCK LIST:**
- A - BENCH**  
2.5'H x 2.5'W x 5'L WITH 1'H x 1.5'W BENCH  
8 PER ABUTMENT, 16 TOTAL
  - B - FULL STANDARD**  
2.5'H x 2.5'W x 5'L  
91 NORTHEAST ABUTMENT, 91 TOTAL
  - C - 3 CROSS BEAM**  
2.5'H x 2.5'W x 7.5'L  
50 NORTHEAST ABUTMENT, 50 TOTAL
  - D - BRIDGE SILL\***  
1.5'H x 2.5'W x 16'L  
1 PER ABUTMENT, 2 TOTAL

NOTE: ATTACHMENT TO BRIDGE SUPERSTRUCTURE  
AS PER SUPPLIER/MANUFACTURER'S DIRECTION  
\*SUPPLIED BY OWNER

WEST FORK TEANAWAY BRIDGE REPLACEMENT  
SECTION 1, TOWNSHIP 20 NORTH, RANGE 15 EAST, W.M.  
WEST FORK TEANAWAY DRAINAGE  
TEANAWAY COMMUNITY FOREST  
T3000 ROAD  
LAT 47.258N, LONG 120.906W  
DRAWN BY: NICHOLAS J. JONES  
DESIGNED BY: NICHOLAS J. JONES  
DATE: MAY 29, 2018  
SHEET 9 OF 10



NATURAL RESOURCES