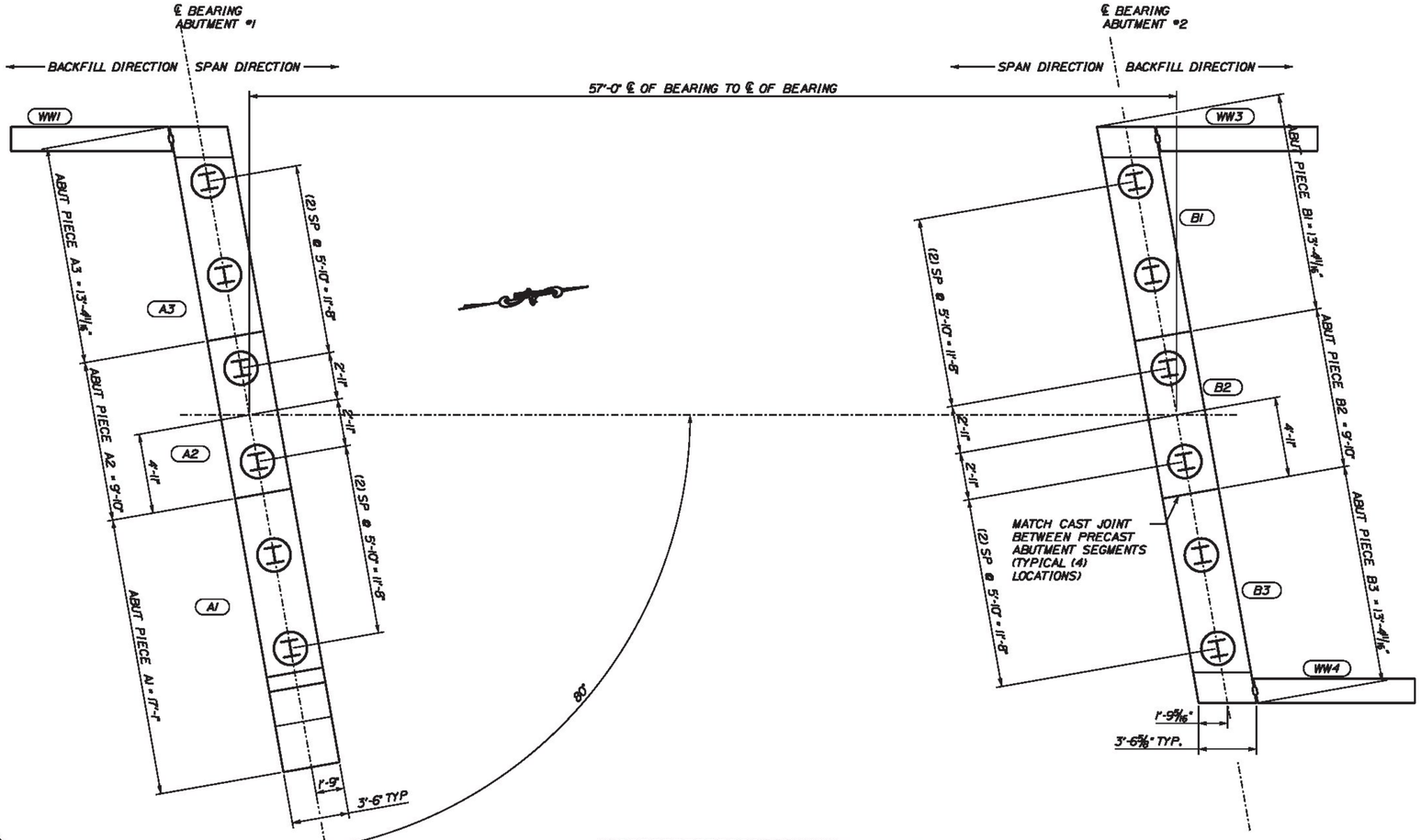

1 PRECAST ABUTMENT LAYOUT DETAIL 2
SCALE: 1/4" = 1'-0"

GENERAL NOTES: 1

1. CONCRETE MIX DESIGN TO BE 5,000 PSI AS PER MIX DESIGN SUBMITTAL - PRECAST ABUTMENT SEGMENTS SHALL NOT BE LIFTED UNTIL A MINIMUM 4500 PSI HAS BEEN ACHIEVED

2. QUALITY ASSURANCE INSPECTION TO BE PERFORMED BY VTRANS OR DESIGNATED REPRESENTATIVE.

3. THE PE STAMP ON THESE DRAWINGS INDICATES THAT THESE DRAWINGS WERE PREPARED UNDER THE DIRECT SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER AND COMPLY WITH THE DESIGN AND DETAILS SHOWN ON THE CONTRACT DRAWINGS.

4. TYPICAL CHAMFERS AT ALL PRECAST CORNERS VISIBLE IN THE FINISHED CONSTRUCTION TO BE 3/4"x3/4". (IE CORNERS THAT ARE BACKFILLED OR ARE BURIED MAY BE FINISHED WITHOUT THE CHAMFER AT THE CONTRACTOR'S SOLE DISCRETION)

5. REINFORCING STEEL SHALL HAVE A MINIMUM CLEAR COVER OF 3" AT EVERY LOCATION EXCEPT THAT BACKFILLED FACES SHALL HAVE A MINIMUM CLEAR COVER OF 2"

6. TOLERANCE FOR REINFORCING STEEL SHALL BE 1/4" ± FOR COVER AND 1" ± FOR SPACING AS PER STANDARD SPECIFICATION SECTION 507.05

7. SEE SHEET 2 FOR DUNNAGE LOCATIONS FOR SHIPPING AND STORAGE.

8. WHEN LIFTING ANY COMPONENT - MINIMUM SLING ANGLE FROM THE HORIZONTAL SHALL BE 60°.

9. REFERENCE REINFORCING DRAWINGS FOR REINFORCING DETAILS.

10. ABUTMENT AND WING REINFORCEMENT IN THE LOCATION OF WRA-160 LIFTERS EXCEEDS THE MINIMUM REINFORCING MESH REQUIREMENTS FROM THE TECHNICAL DETAILS AND THEREFOR NO ADDITIONAL REINFORCMENT NEED BE ADDED FOR THE LIFTING DEVICES TO PERFORM AS DESIGNED.

Vermont Agency of Transportation
RECEIVED
CK'D BY NVDB, JW, KM, TM OK'D BY JG
March 21, 2017
RESUBMIT No Approved
BY K. Higgins DATE 03/23/2017

CALDERWOOD ENGINEERING, ETC.
STRUCTURAL ENGINEERING • DETAILING SERVICES
222 RIVER RD, RICHMOND, ME 04357 PH/FX (207)737-2007 / 737-2008

PREPARED FOR:
MILLER CONSTRUCTION

STRAFFORD BF 0177(10)

STATE OF VERMONT
ERIC T. CALDERWOOD
NO. 8747
Structural
LICENSED
PROFESSIONAL ENGINEER

P.E. NUMBER
DATE

	BY	DATE
DESIGN-DETAILED	ETC	JAN 2017
CHECKED-REVIEWED		
REVISIONS 1	ADDRESS VTRANS COMMENTS	FEB 2017
REVISIONS 2	ADDRESS VTRANS COMMENTS	MAR 2017
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

STRAFFORD VERMONT
ABUTMENT SHOP DETAILS

PIECE MARKS AND ABUTMENT SEGMENT LAYOUT SHEET

SHEET NUMBER
1