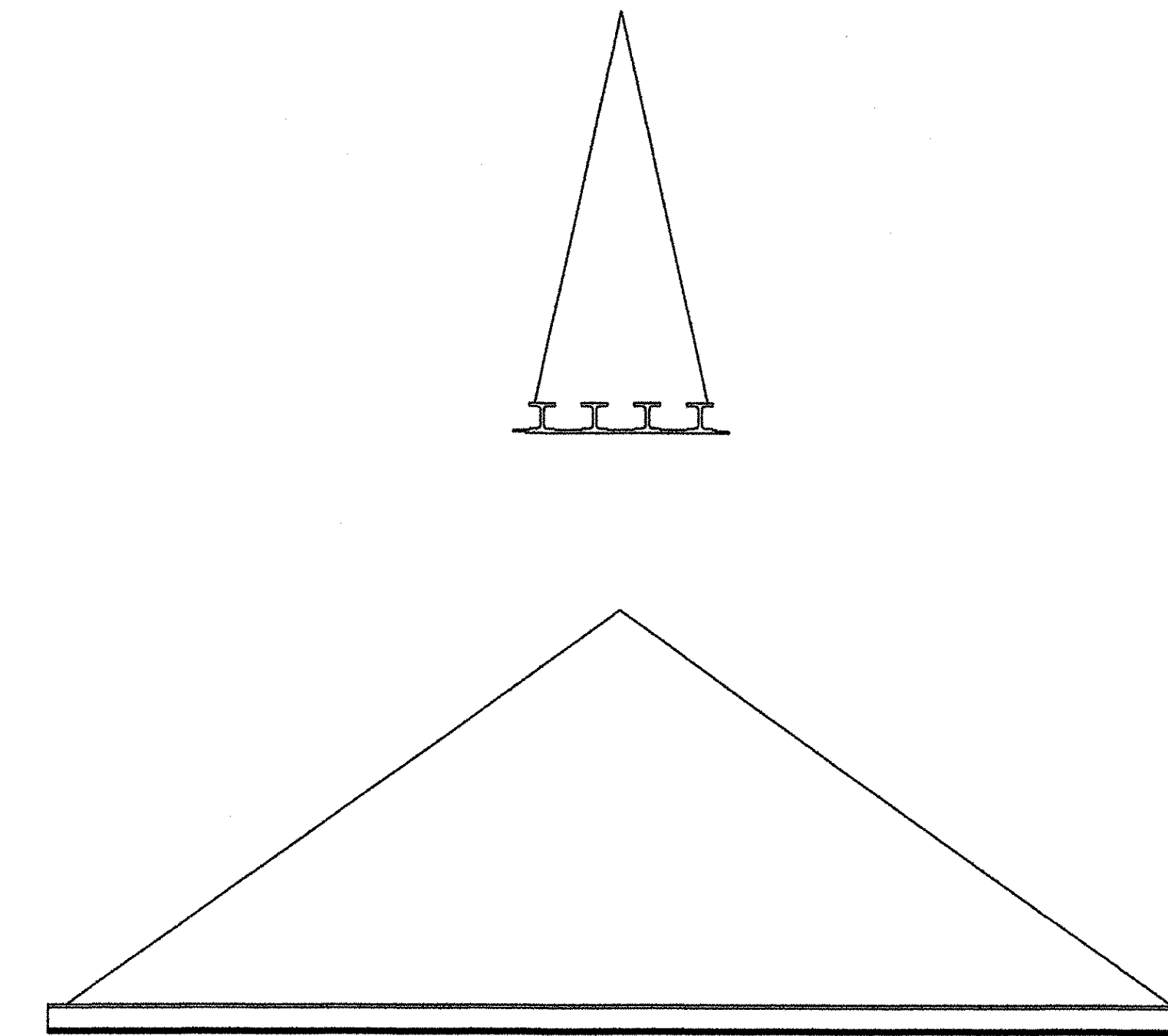
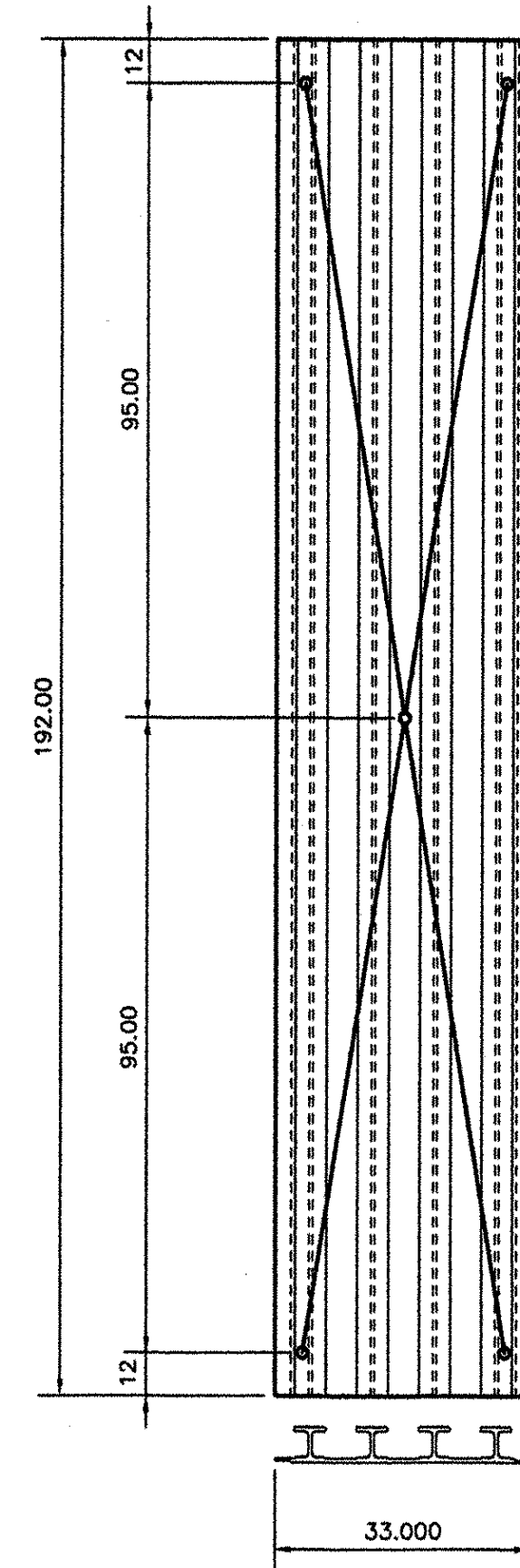


**1 MODULUS MAP - ZELLCOMP DECKING CROSS SECTION VIEW**

NO SCALE

NOTES:

1. E (LENGTHWISE) = MODULUS IN MACHINE DIRECTION (NORMAL TO PLANE OF PAGE AND CROSS-SECTION OF LAMINATE).
2. E (CROSSWISE) = TRANSVERSE MODULUS (IN PLANE OF PAGE AND LAMINATE FACE).
3. MODULUS INDICATED AS REPRESENTATIVE VALUES WITHIN DIFFERENTLY CONSTRUCTED AREAS OF THE DECK.



**3 DECK LIFTING DIAGRAM**

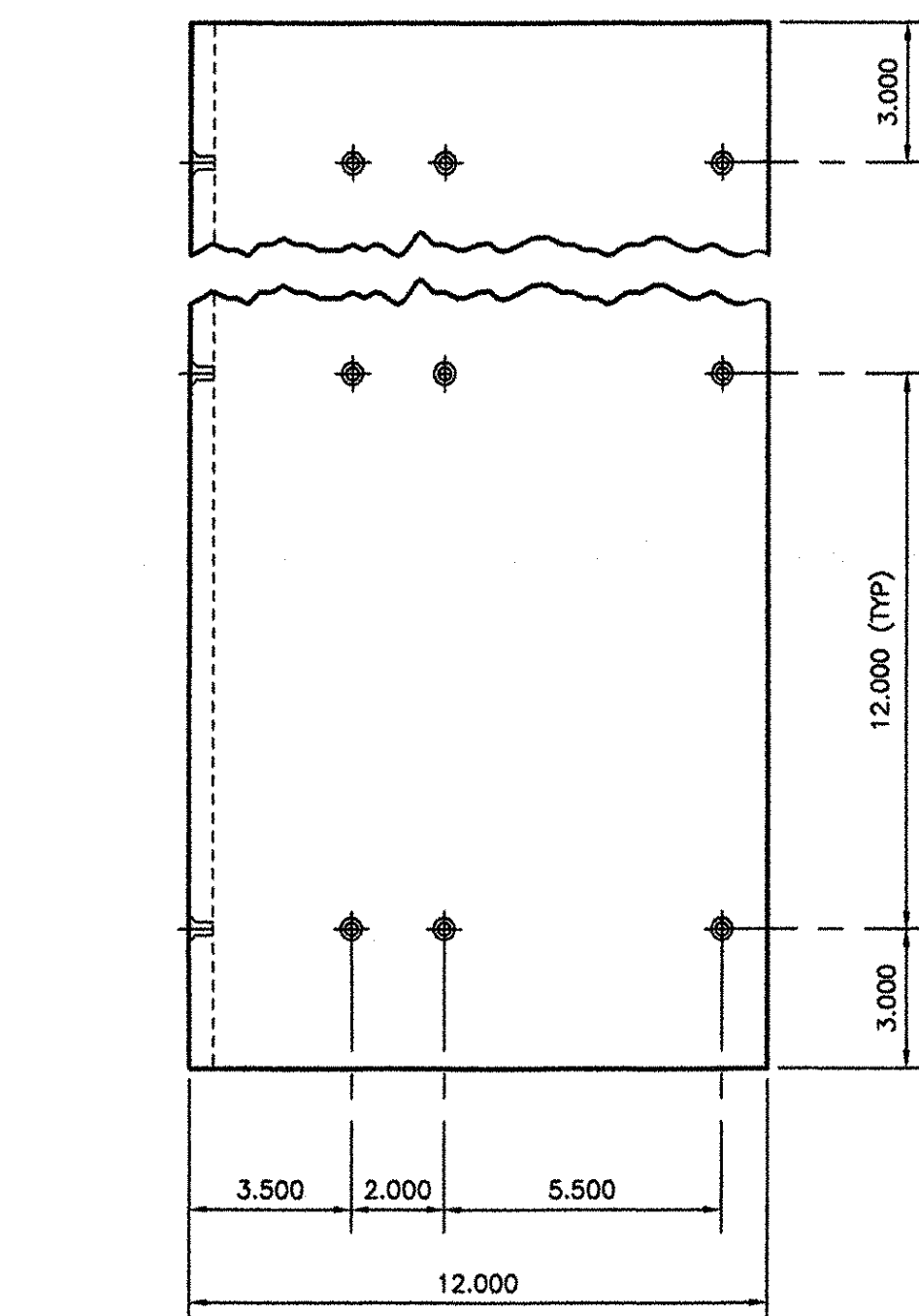
NO SCALE

NOTES:

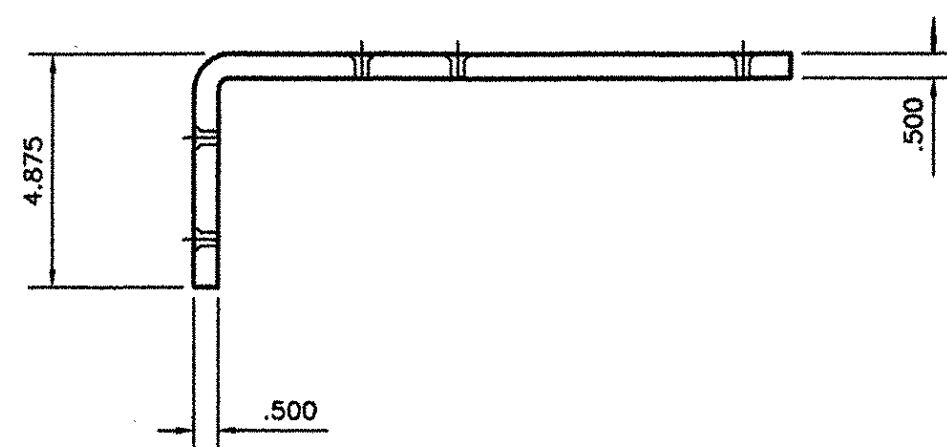
1. LIFT ANCHOR TYPE & SIZE TO BE SPECIFIED BY ON-SITE ZELLCOMP ENGINEER.
2. ANCHOR ATTACHMENT METHOD TO BE SPECIFIED BY ON-SITE ZELLCOMP ENGINEER.
3. LIFT CABLE/STRAP & SIZE TO BE SPECIFIED BY ON-SITE ZELLCOMP ENGINEER.
4. LIFT ANCHOR POINTS (LOCATIONS) MAY BE ALTERED BY ON-SITE ZELLCOMP ENGINEER.
5. STRAP ANGLES TO BE SPECIFIED BY ON-SITE ZELLCOMP ENGINEER.
6. FLAT SHEETS WILL BE LIFTED BY STRAPS PER THE ON-SITE ZELLCOMP ENGINEER.

**DECK ASSEMBLY NOTES:**

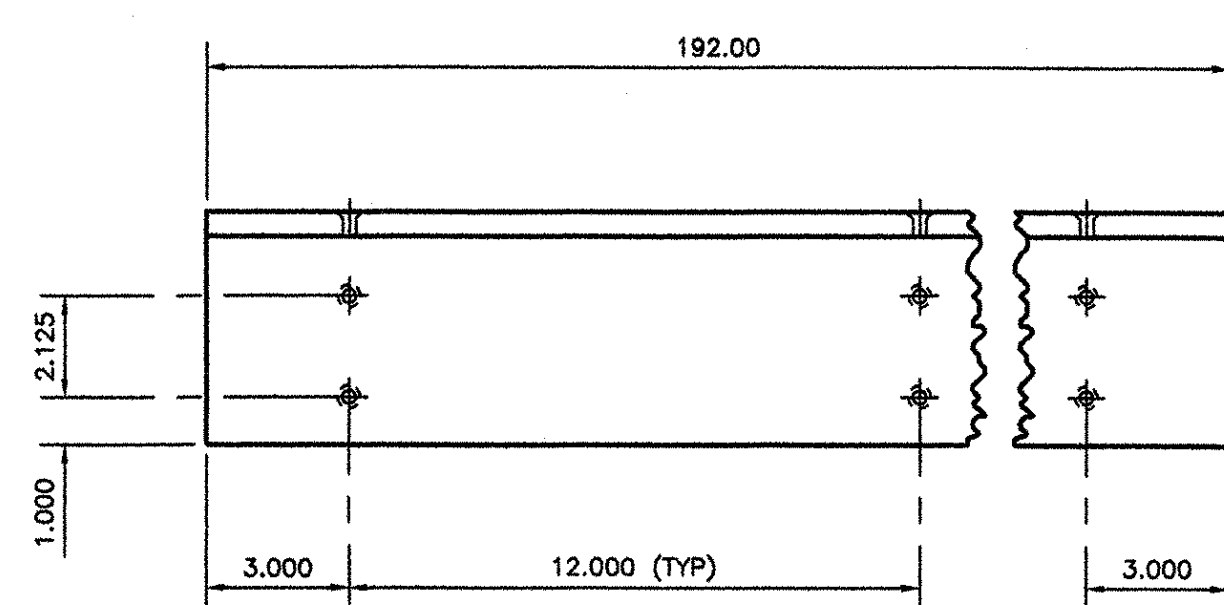
1. STARTING FROM ABUTMENT 1, PLACE BOTTOM SECTION AS SHOWN IN DECK PLAN VIEW ONTO STRINGERS.
2. DRILL HOLES FOR CONNECTING BOTTOM SECTION TO STRINGERS WITH SPECIALTY LUGS AS SHOWN IN SECTION D-D, ASSEMBLE CONNECTION COMPONENTS.
3. PLACE WHOLE BOTTOM SECTIONS, DRILLING AND ASSEMBLING STRINGER CONNECTIONS FOR EACH BOTTOM SECTION AFTER POSITIONING IN SEQUENCE FROM WEST TO EAST UP TO ABUTMENT 2.
4. COMPLETE BOTTOM SECTION PLACEMENT TO ABUTMENT 2 AND CONNECTION ACCORDING TO PLAN VIEW OF DECK PANELS.
5. STARTING FROM ABUTMENT 1, PLACE 1/2" THICK FRP TOP SHEETS AS SHOWN IN PLAN VIEW AND FASTEN WITH SCREWS.
6. ATTACH BENT STEEL PLATES AT ABUTMENTS 1 AND 2 AS SHOWN IN SECTION E-E.
7. ATTACH 3/16" FRP COMPOSITE CLOSE-OUT PANEL TO OPEN ENDS OF BOTTOM SECTIONS ON NORTH AND SOUTH ENDS OF DECK, SPECIFIED BY ON-SITE ZELLCOMP ENGINEER.
8. ZELLCOMP, INC. WILL PROVIDE A 4" ACCESS OPENING IN THE 3/16" FRP COMPOSITE CLOSE-OUT PANELS AT EACH CURB BOLT LOCATION FOR HAND TIGHTENING OF CURB BOLTS.



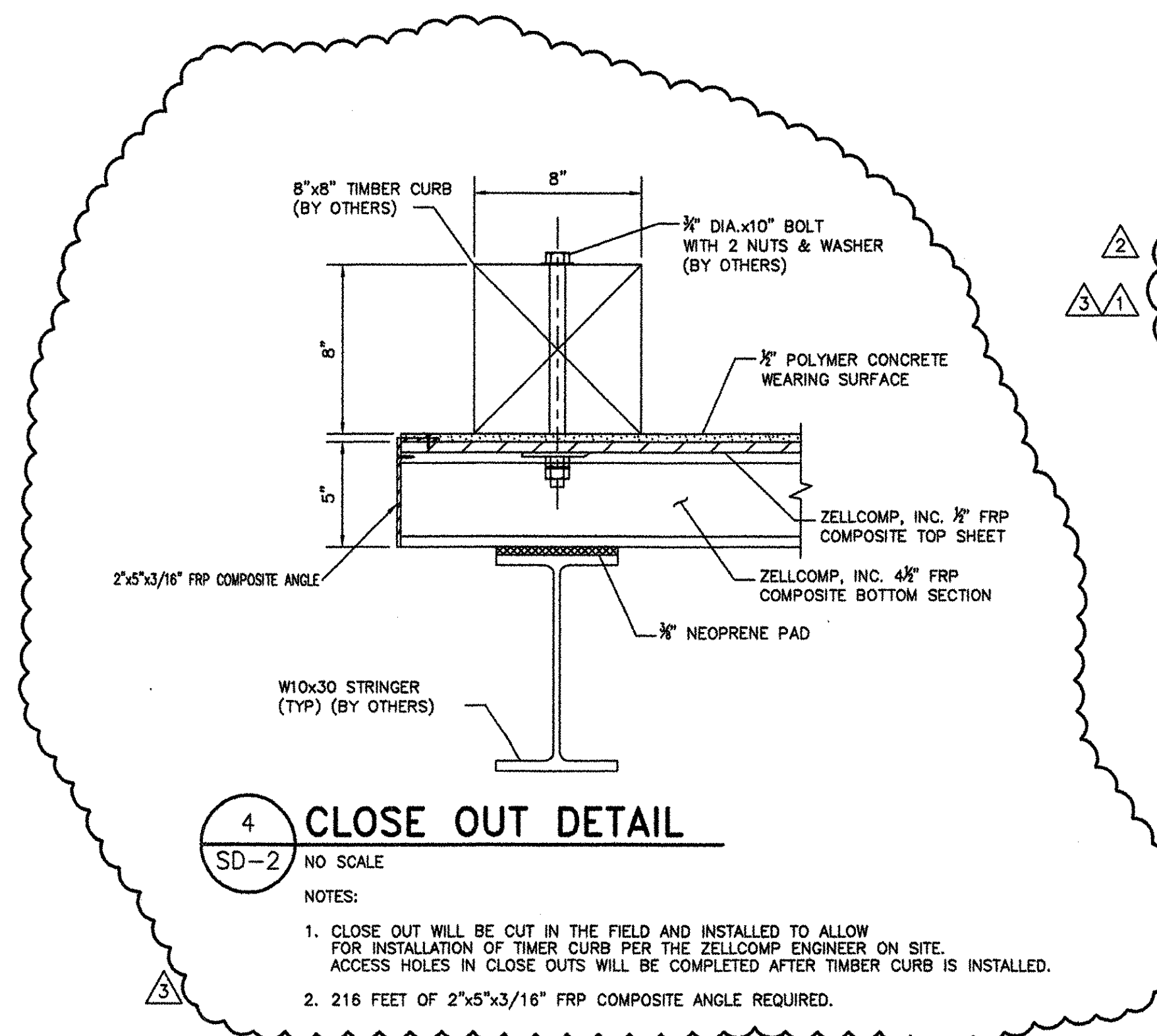
TOP VIEW



END VIEW



FRONT VIEW



**4 CLOSE OUT DETAIL**

NO SCALE

NOTES:

1. CLOSE OUT WILL BE CUT IN THE FIELD AND INSTALLED TO ALLOW FOR INSTALLATION OF TIMBER CURB PER THE ZELLCOMP ENGINEER ON SITE. ACCESS HOLES IN CLOSE OUTS WILL BE COMPLETED AFTER TIMBER CURB IS INSTALLED.
2. 216 FEET OF 2"x5"x3/16" FRP COMPOSITE ANGLE REQUIRED.

**2 BENT STEEL PLATE DETAILS**

NO SCALE

NOTES:

1. STEEL SHALL BE GALVANIZED AND BE A MINIMUM OF A709 GR 36.
2. HOLES TO BE DRILLED, CSK AND SFACE ZELLCOMP TO PROVIDE SCREWS FOR FIT.
3. 2 REQUIRED.

REVISIONS:

1	REVIEW COMMENTS	7-27-07
2	REVIEW COMMENTS	8-17-07
3	REVIEW COMMENTS	8-24-07

**ZELLCOMP**

3020 PICKETT ROAD  
 SUITE 327  
 DURHAM, NC 27705  
 (919) 401-4000

PROJECT FOR:  
**ZELLCOMP SHOP DRAWINGS FOR: A BRIDGE DESCRIBED AS BRADFORD STP 1447(28) BEGINNING AT A POINT APPROXIMATELY 0.03 MILES FROM THE JUNCTION OF MILL STREET AND TH 27 AND EXTENDING SOUTHEASTERLY ALONG TH 27 FOR 160 FEET.**  
 BRADFORD, VT

DRAWN BY	CJC
CHECKED BY	DR
APPROVED BY	
BUILDING NO.	
FILE NO.	
SET NO.	
DATE	07-14-07

DRAWING TITLE  
**SHOP DRAWINGS**

SHEET NO  
**SD-2**  
 OF 2

RECEIVED  
 OK'D BY \_\_\_\_\_ OK'D BY *RSK*  
 SEP 11 2007  
 RESUBMIT \_\_\_\_\_ APPROVED \_\_\_\_\_  
 BY *CPW* DATE *9/11/07*