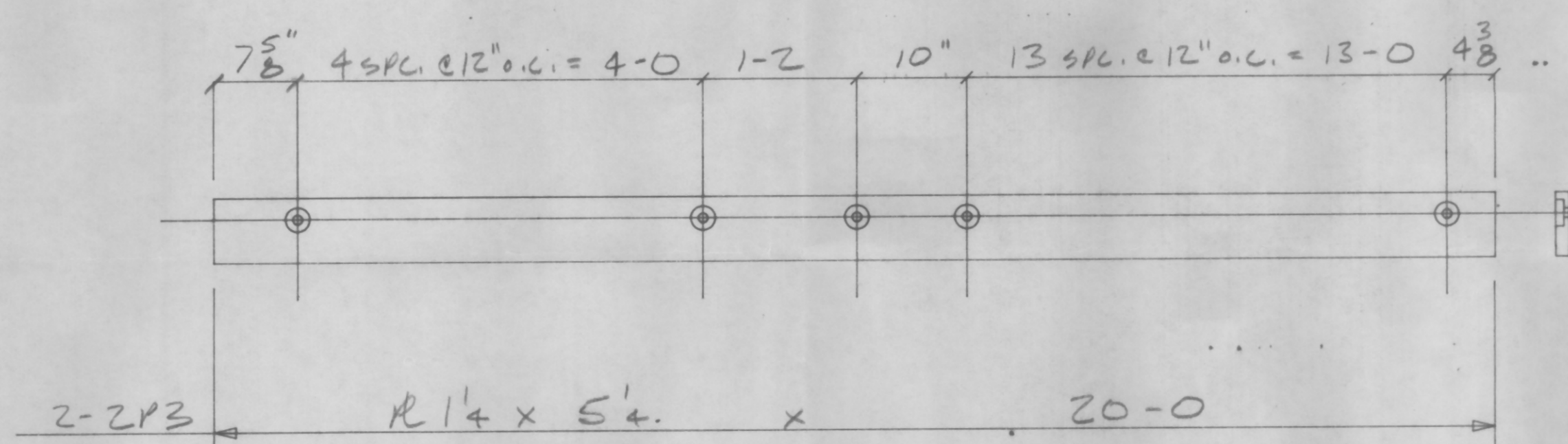
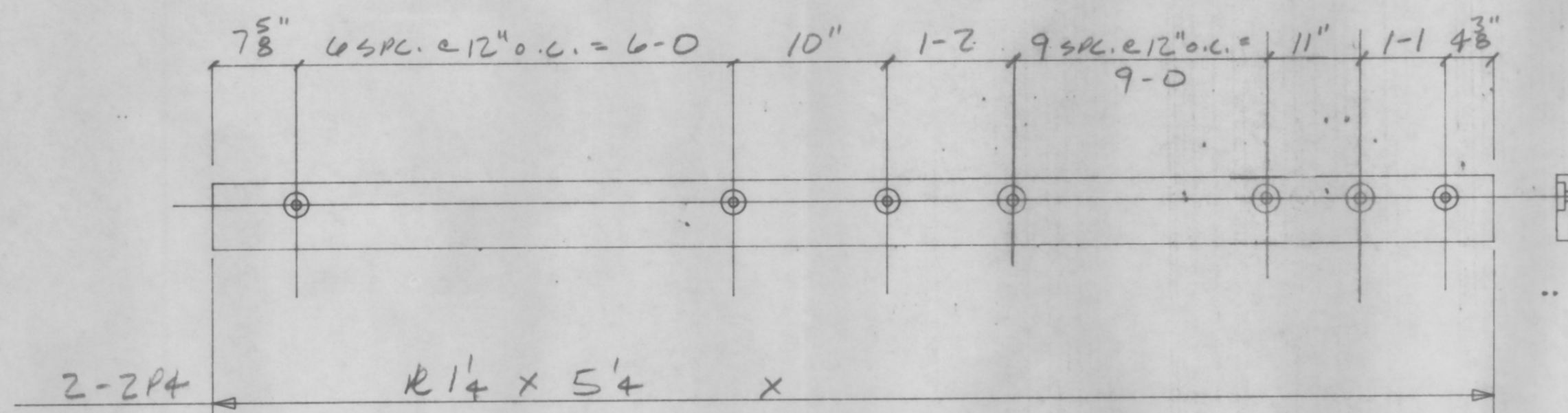


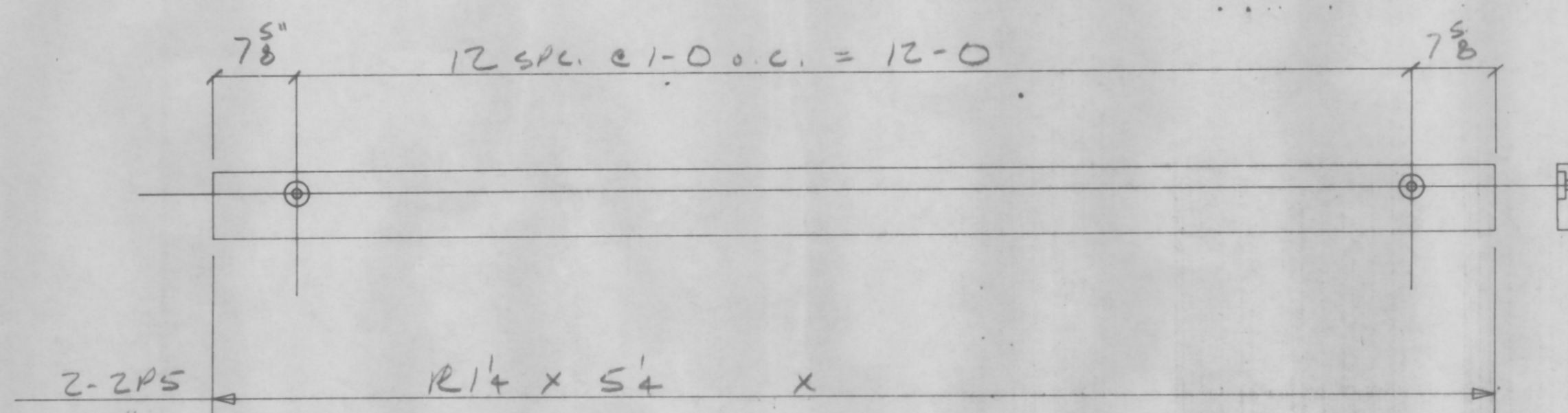
ANCHOR FERRULE
DETAIL
(106 Req) - N1



7" DIA HOLES @ 12" O.C.
COUNTERBORED 1/8" DEEP
x 2 1/4"



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7" DIA HOLES @ 12" O.C.
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- NOTES:
- 1) BUTYL RUBBER TAPE SHALL CONFORM TO AASHTO SPEC. M-198, TYPE II.
 - 2) ALL STEEL COMPONENTS SHALL BE AASHTO M270, GR. 36, (GALV.) OR METALIZED AS PER SUBSECTION 504.15 (a) OR (b) UNLESS OTHERWISE NOTED.
 - 3) COAT CONCRETE CONTACT SURFACES WITH AN EPOXY BONDING COMPOUND MEETING THE REQUIREMENTS OF SUBSECTION 719.02.
 - 4) A DRIP BEAD OF 4" X 7" STRIP OF PREFORMED MATERIAL SHALL BE CEMENTED TO THE BOTTOM OF THE FABRIC THROUGH USING AN ADHESIVE APPROVED BY THE MANUFACTURER. THE DRIP BEAD SHALL BE APPLIED 1" FROM THE DOWNSPOUT END OF THE TROUGH.
 - 5) THE EXPANSION JOINT SHALL BE SHOP ASSEMBLED AND SHIPPED AS ONE UNIT.

SHOP DRAWING REVIEW	
REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT.	
<input type="checkbox"/>	PROVIDE AS SUBMITTED
<input checked="" type="checkbox"/>	PROVIDE AS CORRECTED
<input type="checkbox"/>	REVISE AND RESUBMIT
<input type="checkbox"/>	REJECTED & REWORK
THIS REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND DOES NOT CONSTITUTE A GUARANTEE OF THE CONTRACT DOCUMENTS. ANY TECHNICAL COMMENTS, SHOWN AS NOTED, ARE SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACCURACY AND COMPLETENESS OF DETAILS, SUCH AS DIMENSIONS AND INSTALLATION OF PERFORMANCE OF EQUIPMENT OR SYSTEMS, THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, INCLUDING SAFETY PRECAUTIONS AND PROTECTIVE MEASURES, AND THE SELECTION OF FABRICATION PROCESSES. ENGINEER'S APPROVAL OF A COMPONENT SHALL NOT IMPLY THE ITEM APPROVAL OF AN ASSEMBLY OF SUCH COMPONENTS. FURTHER, ENGINEER'S REVIEW RELIEVES THE CONTRACTOR OF ITS OBLIGATIONS UNDER THE CONTRACT DOCUMENTS WITH RESPECT TO THE CONTRACTOR'S OBLIGATIONS APPROVAL OF SUCH SUBMITTALS.	
COSTELLO, LOMASNEY & GONAPOLL, INC. CONSULTING ENGINEERS MANCHESTER, NEW HAMPSHIRE	
BY: RML	DATE: 12/12/96

BILL OF MATERIAL

QTY	MARK	SHAPE	LENGTH	REMARKS
10	ZP1	BRG. R Assy		
10	a2	R 1/2 x 8	0 10	
10	b2	R 1/2 x 6	0 10	
		6 1/2"		
5	ZP2	R 1/2 x 8	0 9	
20	c2	3/4" STUDS	0 8	STR.
20	R1	1" THRD. ROD	0 8	W/ 2 NUTS & WASH.
20	R2	1" THRD. ROD	0 9	W/ 2 NUTS & WASH.
2	ZP3	R 1/4 x 5 1/4	20 0	
2	ZP4	R 1/4 x 5 1/4	20 0	
2	ZP5	R 1/4 x 5 1/4	13 3/4	
52	S1	3/4" STUDS	0 8	STR.
52	S2	3/4" STUDS	0 8	BENT
106	N1	3/4" x 2" CLOSED THREADED FERRULE NUTS W/ THREADED CONCRETE ANCHORS.		

FIELD BOLTS

106-3/4" x 2 1/4" A325 BOLTS W/ NUTS

FABRICATION DETAILS

DATE SUB.	PROJECT	VT. RTE. 12A OVER 3RD BRANCH OF THE WHITE RIVER
	LOCATION	BRAINTREE, VT.
	ARCHITECT	
DATE APP.	ENGINEER	
DATE DIST.	CUSTOMER	MILLER CONST. CO.

MERRIMACK SHEET METAL
119 HALL STREET
CONCORD, N.H. 03301
TEL. (603) 224-7766

DR BY: KJM
REV BY:
JOB NO. #2202
DWG. NO. EZ

REV. NO.	DATE	DESCRIPTION
HOLES: 1/316 ONLY	DATE:	
PAINT: GALVANIZED		