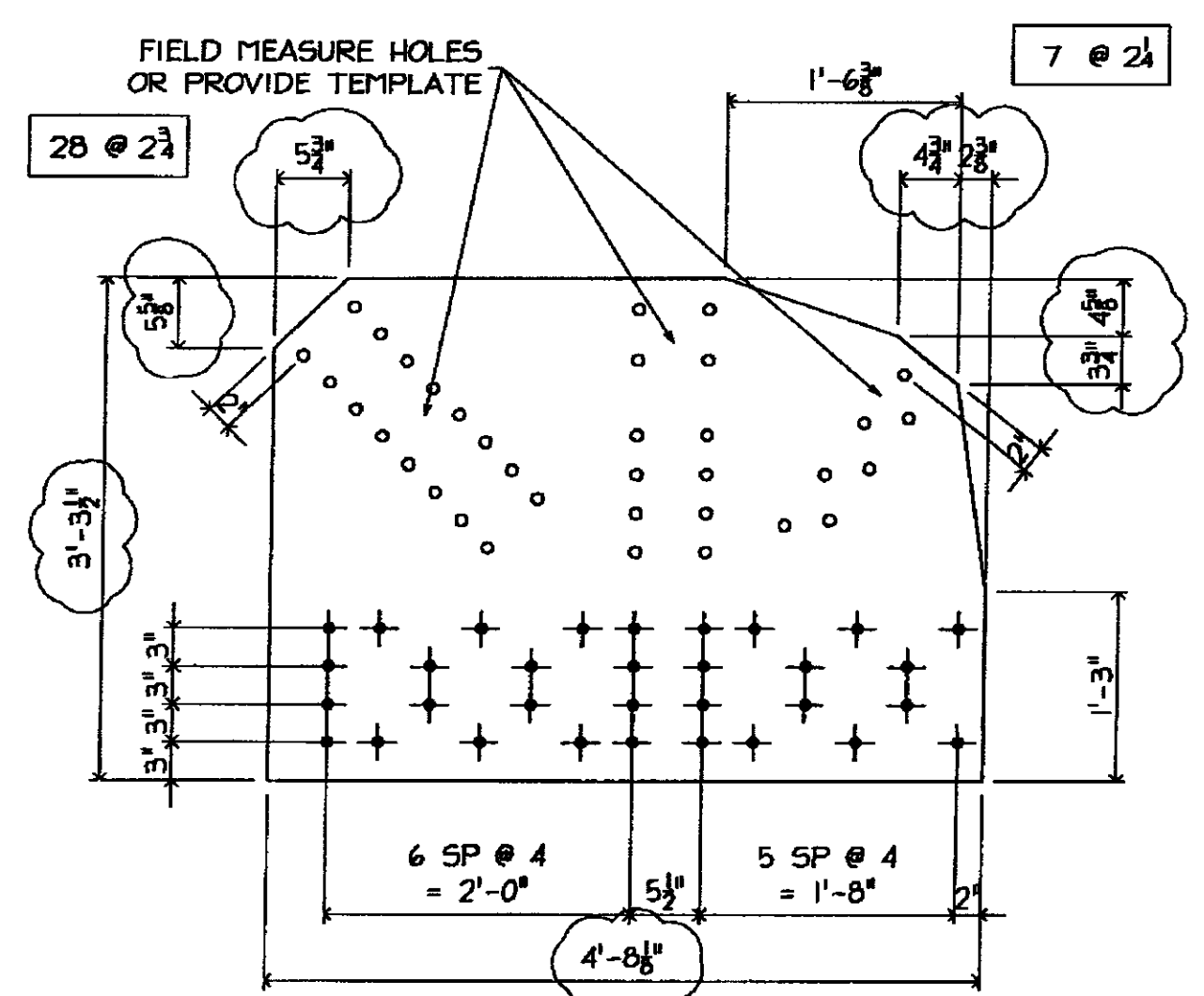
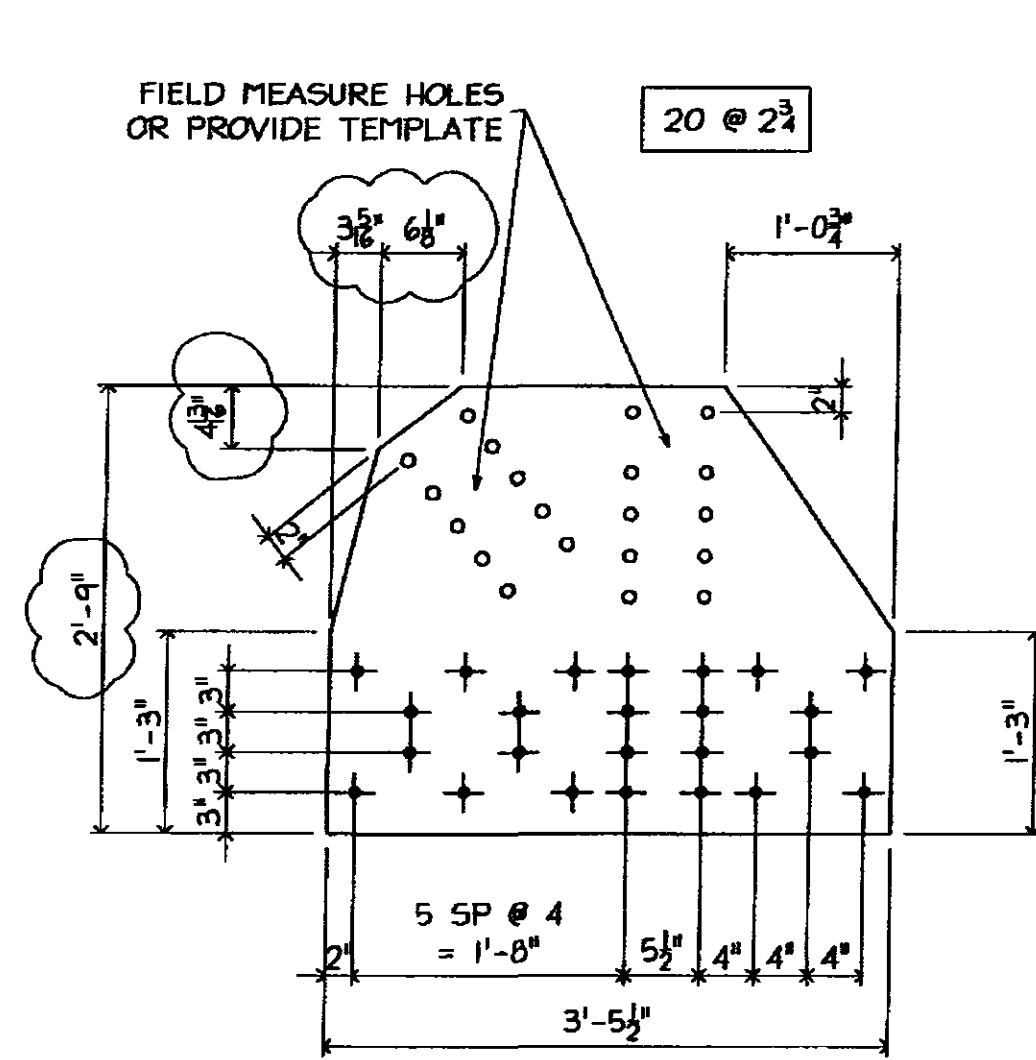


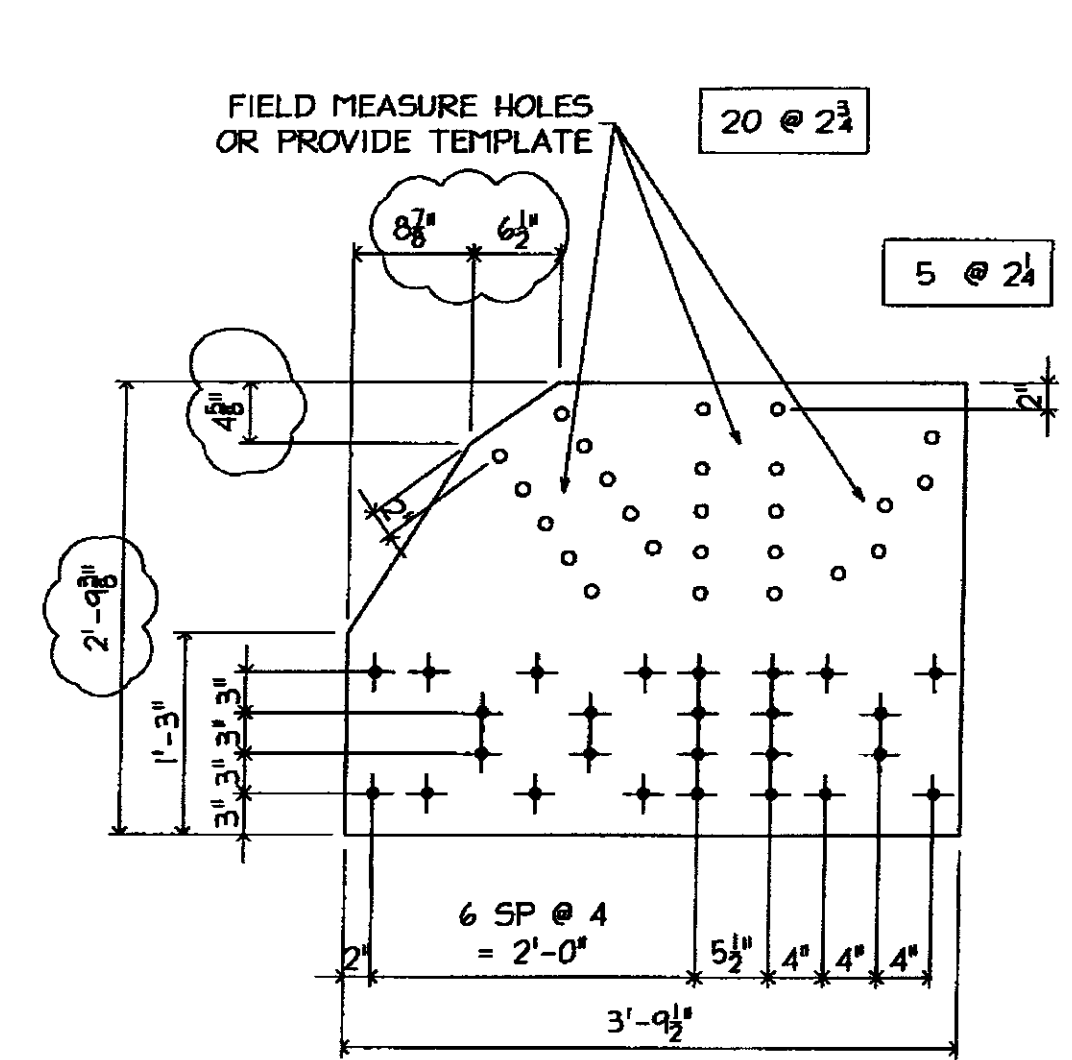
ONE - GUSSET PL. - 16M11
(R.3) GRID 'L1' WEST - 0/5



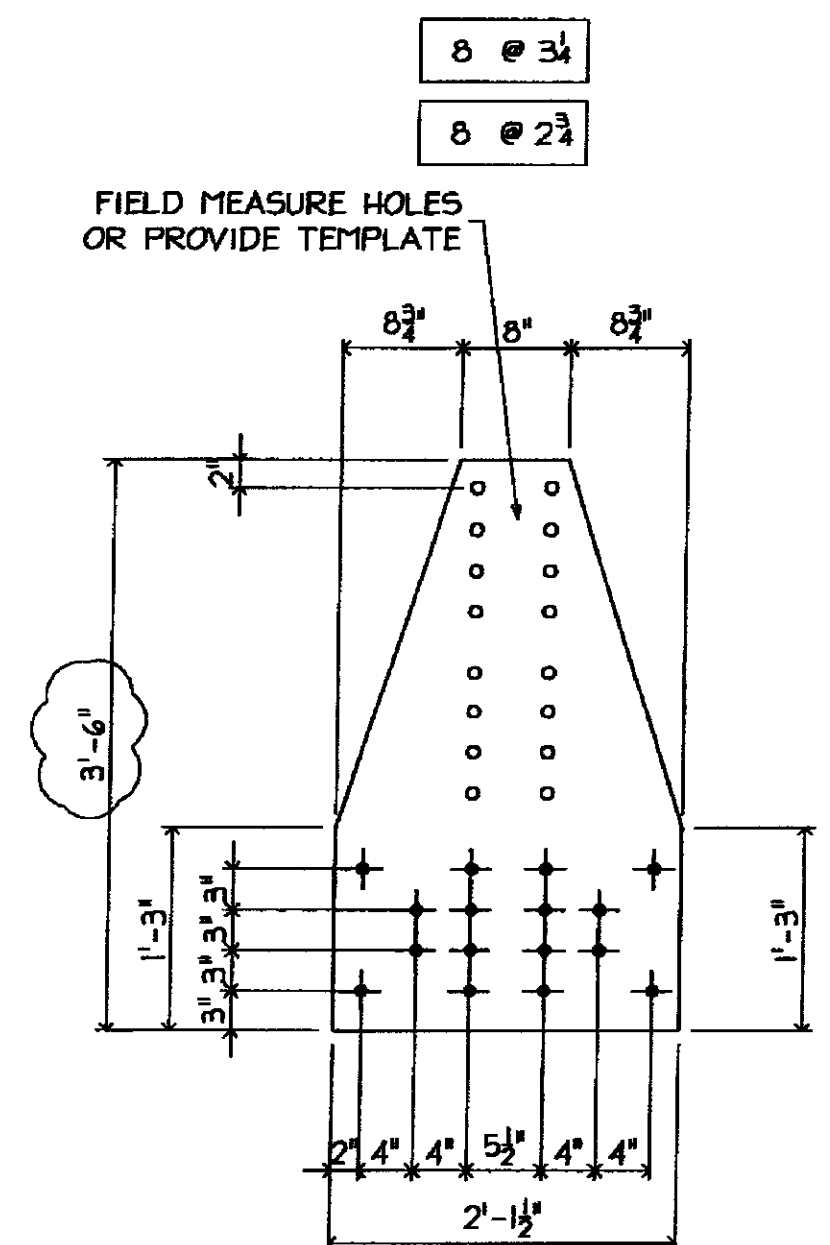
ONE - GUSSET PL. - 16M13
(R.3) GRID 'L2' WEST - 0/5



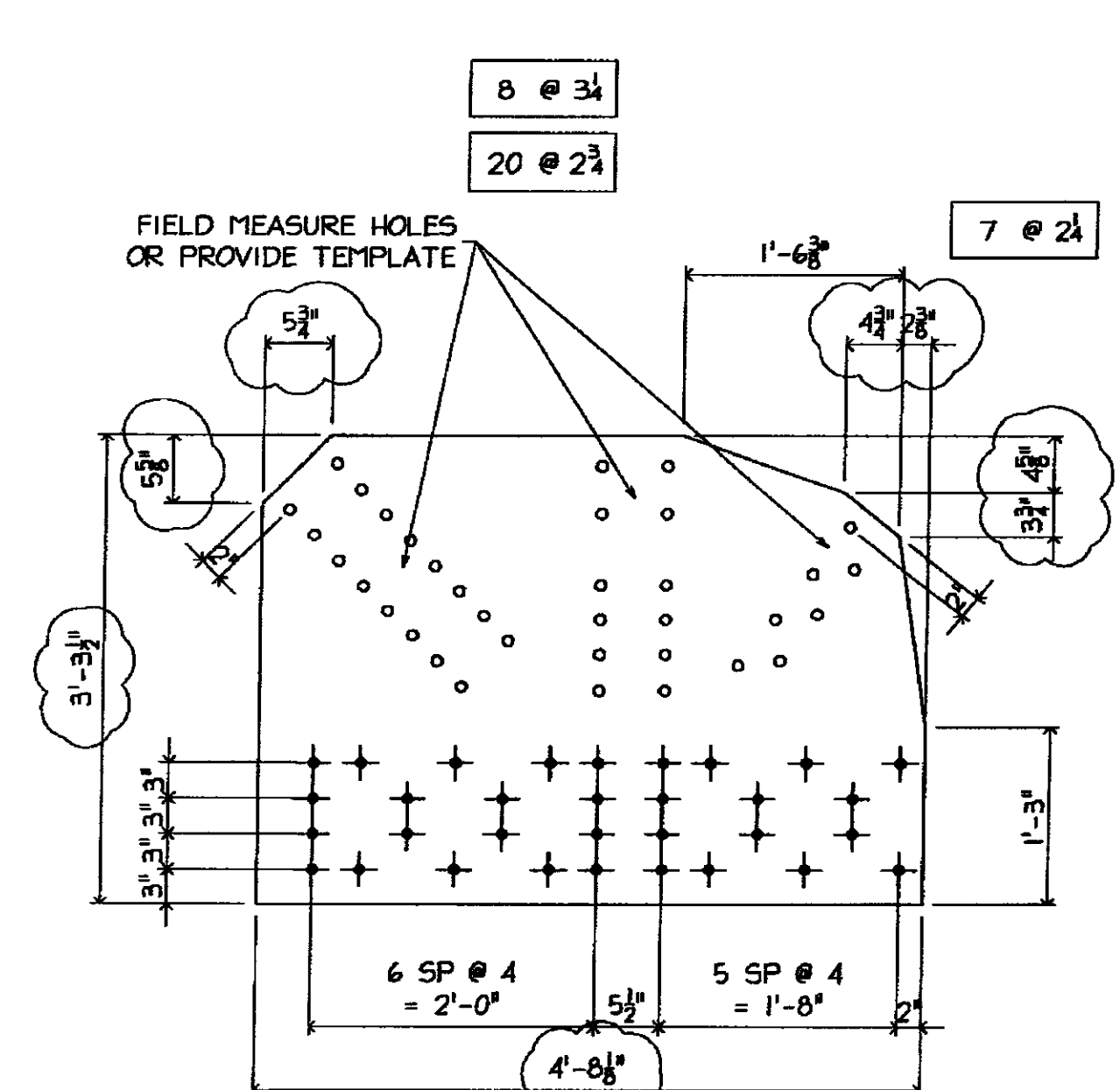
ONE - GUSSET PL. - 16M15
(R.3) GRID 'L3' WEST - 0/5



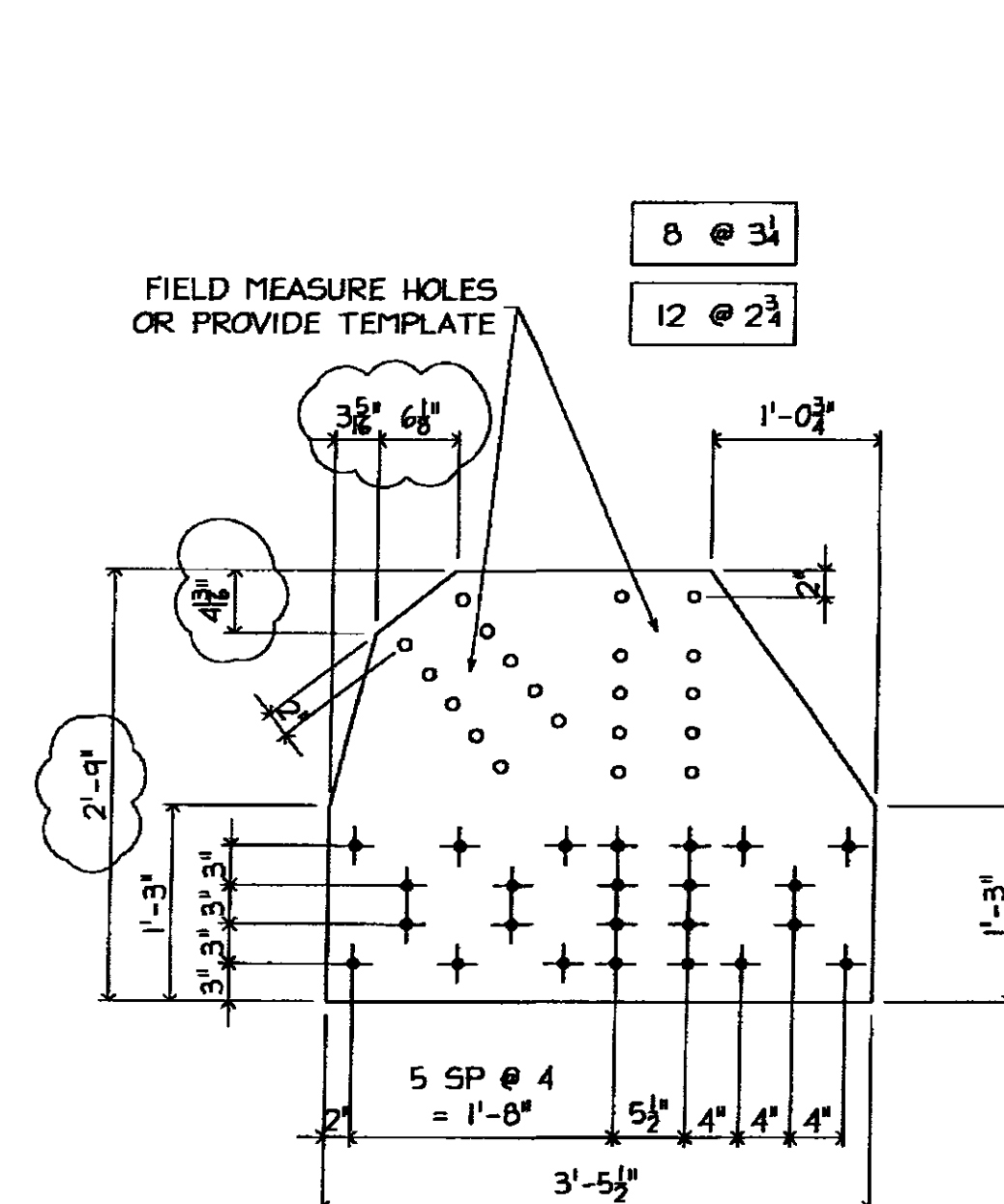
ONE - GUSSET PL. - 16M17
(R.3) GRID 'L4' WEST - 0/5



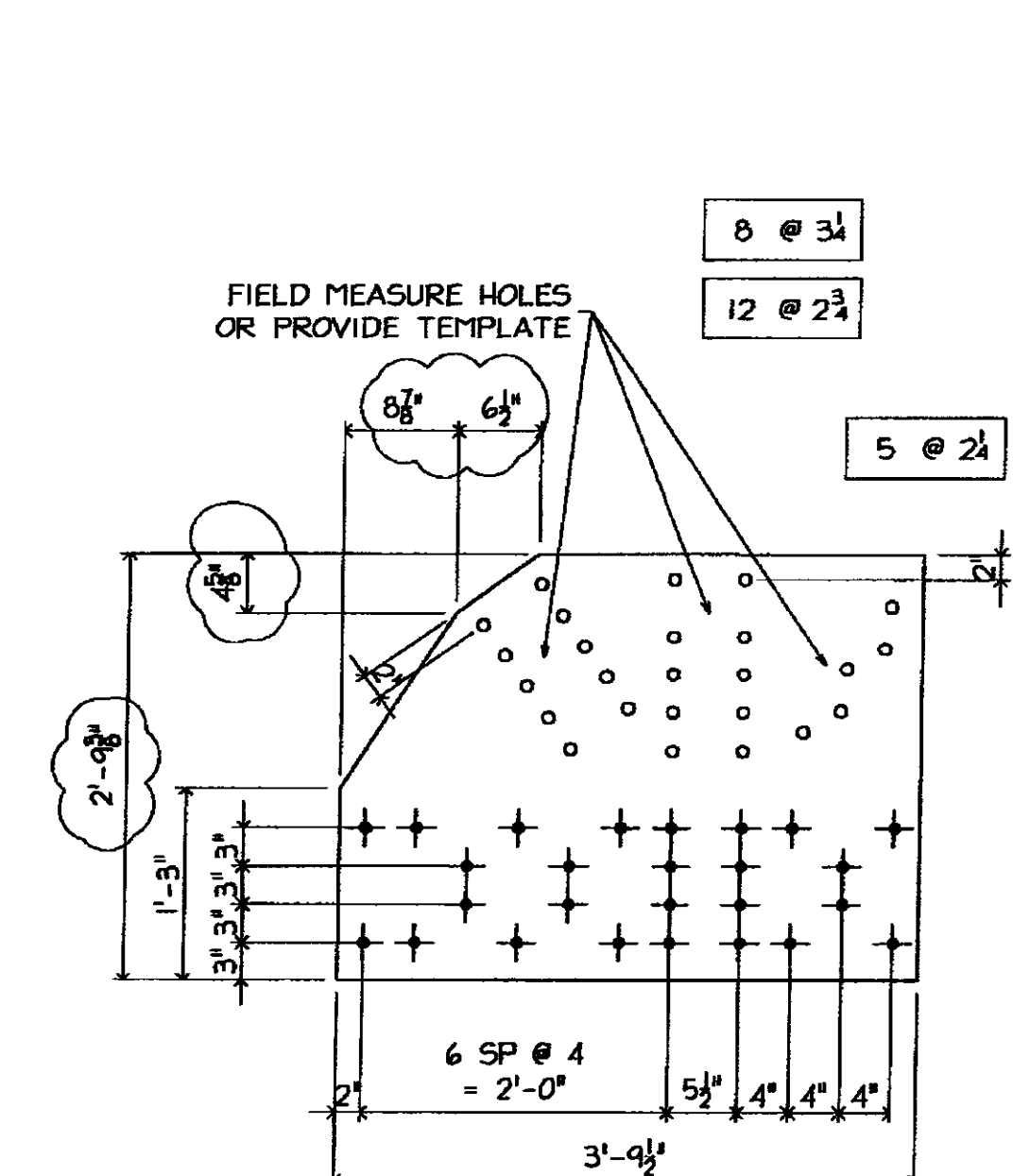
ONE - GUSSET PL. - 16M12
(R.3) GRID 'L1' WEST - 1/5



ONE - GUSSET PL. - 16M14
(R.3) GRID 'L2' WEST - 1/5



ONE - GUSSET PL. - 16M16
(R.3) GRID 'L3' WEST - 1/5



ONE - GUSSET PL. - 16M18
(R.3) GRID 'L4' WEST - 1/5

BILL OF MATERIAL

MARKS	SHIP TEMP	QTY	MATERIAL	FT	IN	GR	REMARK'S
16M11		ONE	R.L. x 25	2	1/2		CVN SHAPED
16M12		ONE	R.L. x 25	3	6		CVN SHAPED
16M13		ONE	R.L. x 34	4	8 1/2		CVN SHAPED
16M14		ONE	R.L. x 34	4	8 1/2		CVN SHAPED
16M15		ONE	R.L. x 33	3	5 1/2		CVN SHAPED
16M16		ONE	R.L. x 33	3	5 1/2		CVN SHAPED
16M17		ONE	R.L. x 33 1/2	3	9		CVN SHAPED
16M18		ONE	R.L. x 33 1/2	3	9		CVN SHAPED

MATL.
 1 ALL MAT'L SHALL CONFORM TO AASHTO M 270/M 1M 270 GRADE 50 (UNLESS NOTED)
 2 'CVN' INDICATES CHARPY 'V' NOTCH TESTED.
 3 'FCM' INDICATES 'FRACTURE CRITICAL MEMBER'

WELD: E70xx
 HOLES: 1/2" UNO
 PREP: SSPC-SP8
 PAINT: GALVANIZED AND AIR COOLED (NOT QUENCHED) (SEE GALVANIZING NOTES)

3/11/09 PER APP'L COMMENTS DATED 3/06/09

ARC ENTERPRISES, INC.
 KINGFIELD, MAINE

PROJECT: STATE OF VERMONT - AGENCY OF TRANSPORTATION
 BRIDGE No 31 - RICHMOND, VERMONT

SCALE: NTS APPROVED BY: DRAWN BY: KAJ
 DATE: 2/18/09 CHKD. BY: CM05-082

BRIDGE # HIGHWAY #1 OVER WINOOSKI RIVER
 GUSSET PLATE DETAILS

T BUCK CONSTRUCTION DWG NO. 09-113 - 16

NOTE: FIELD VERIFY/PROVIDE ALL DIM'S INDICATED THUS '☁'

SHOP DRAWINGS ARE REVIEWED UNLESS NOTED OTHERWISE

NO EXCEPTION TAKEN	<input checked="" type="checkbox"/>
REVISE AS NOTED	<input type="checkbox"/>
RESUBMISSION NOT REQUIRED	<input type="checkbox"/>
REVISE AS NOTED	<input type="checkbox"/>
RESUBMISSION REQUIRED	<input type="checkbox"/>
REJECTED	<input type="checkbox"/>

DATE: 3/24/09
 SIGNATURE: JLC

REVIEW BY: STANTEC IS FOR THE SOLE PURPOSE OF ASCERTAINING GENERAL CONFORMITY WITH DESIGN. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS, FABRICATION AND CONSTRUCTION METHODS, COORDINATION OF SUB-TRADES, DETAIL DESIGN OF COMPONENTS, AND ERRORS OR OMISSIONS ON SHOP DRAWINGS.

GALVANIZING NOTES:
 1 ALL WELDS SHALL BE SEALED
 2 VENT AS REQUIRED
 3 COMPLETE FINAL ASSEMBLY OF BOLTED ITEMS AFTER GALVANIZING. WIRE-BRUSH ALL CONTACTING SURFACES TO A DULL-GRAY APPEARANCE PRIOR TO ASSEMBLY

FB THIS DWG
 24- 3/8 x 2 1/2 (A325 GALV) BOLT w/N&W
 126- 3/8 x 2 1/2 (A325 GALV) BOLT w/N&W
 32- 3/8 x 3/4 (A325 GALV) BOLT w/N&W