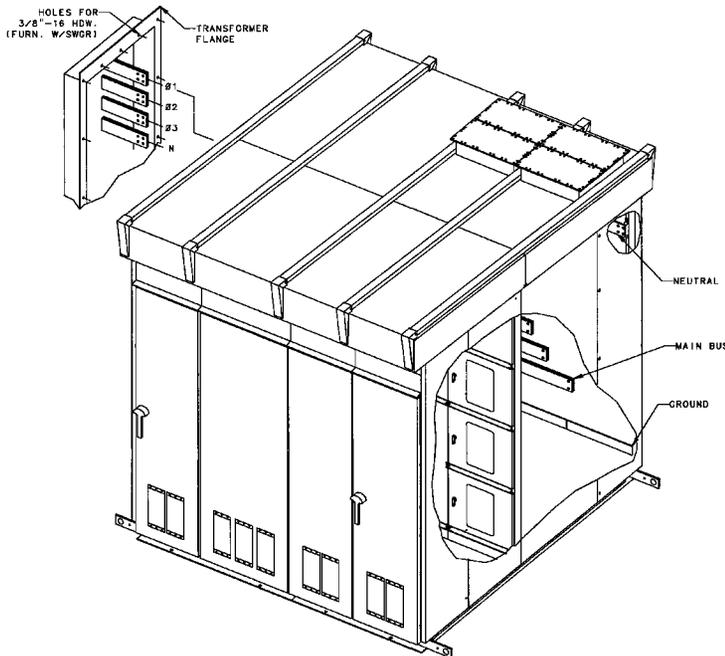
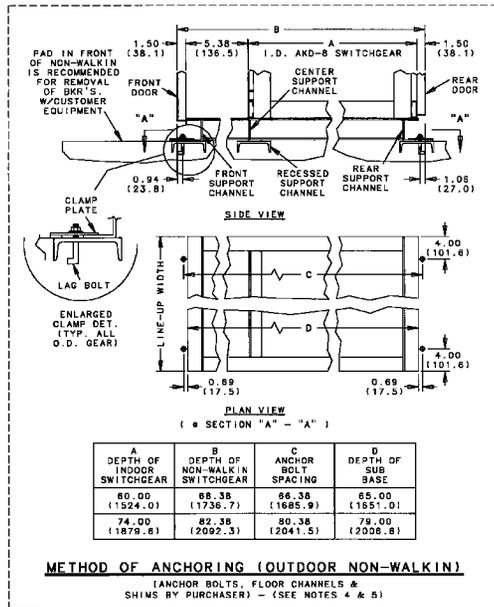
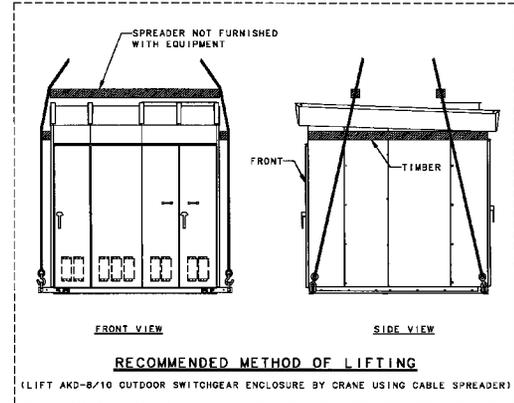
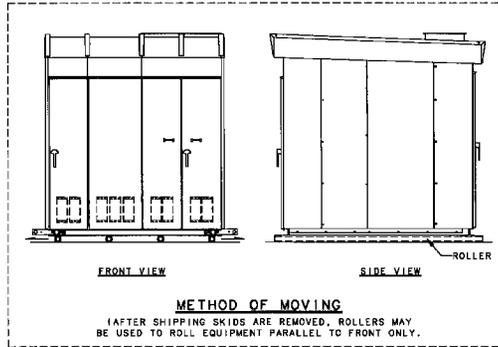
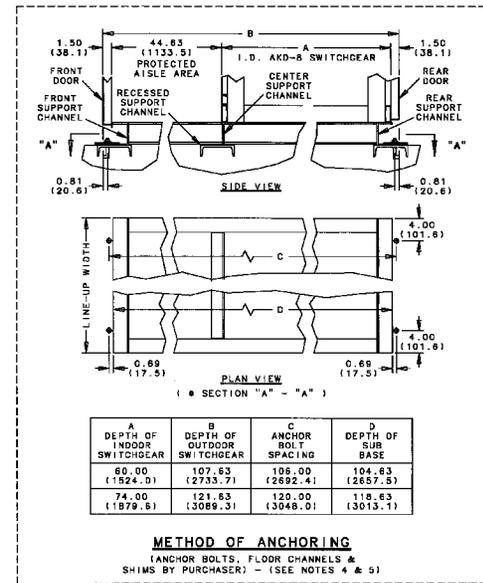


NOTES:

- REFER TO THE SUMMARY AND FRONT VIEW ARROW. DRAWING FOR ADDITIONAL INFORMATION AND MAT'L. BEING FURNISHED. REFER TO EQUIP. INSTALLATION & MAINTENANCE INSTRUCTION MANUAL GEH-5687, FOR ADDITIONAL INSTRUCTIONS DURING INSTALLATION.
- ALL SHIPPING SPLIT HARDWARE TO BE DISASSEMBLED BEFORE ADJACENT SHIPPING PACKAGES ARE SET IN PLACE. REASSEMBLE TO SECURE SHIPPING SPLIT.
- REMOVE TOP WIRE TROUGH COVER ON UNITS AT EITHER SIDE OF SHIP SPLIT TO CONNECT ALL SHIP SPLIT INTERCONNECT WIRING. DO NOT OPERATE BREAKER HOIST W/TOP WIRE TROUGH COVERS REMOVED.
- "C" CHANNELS ARE RECOMMENDED, BUT NOT REQ'D., FOR ANCHORING AS LONG AS A LEVEL FLOOR SURFACE IS PROVIDED. FOR SEISMIC ANCHORING, "C" CHANNELS ARE REQ'D. EMBEDDED FLOOR CHANNELS SHOULD BE SET LEVEL WITH EACH OTHER AND SHOULD BE LEVEL OVER THEIR ENTIRE LENGTH. THE FINISHED FLOOR SHOULD HAVE A SLIGHT PITCH AWAY FROM THE MOUNTING CHANNELS AND IN NO CASE SHOULD THE FINISHED FLOOR BE HIGHER THAN THE CHANNELS. FLOOR CHANNELS MUST BE DRILLED AND TAPPED. (WELD NUTS MAY BE WELDED INSIDE OF CHANNEL).
- WHERE REQUIRED BY THE JOB SPECIFICATIONS, THE EQUIPMENT MAY BE FILLET WELDED TO THE FLOOR CHANNELS THROUGH THE REAR ANCHOR HOLES AND ALONG THE ENTIRE FRONT EDGE OF THE LINE-UP WITH A 1/8" BEAD, 1" LONG, APPROXIMATELY EVERY 8".
- ALL DIMENSIONS SHOWN IN PARENTHESIS ARE METRIC.



TYPICAL VIEW OF AKD-8/AKD-10 SWITCHGEAR



AKD8 SWITCHGEAR/AKD10 SWITCHGEAR
INSTALLATION DWG-OUTDOOR

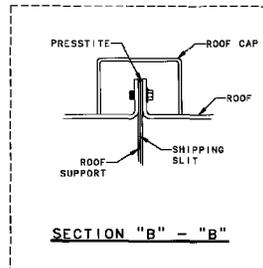
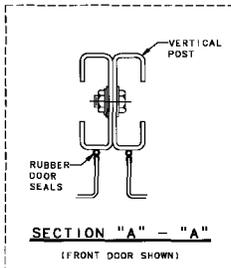
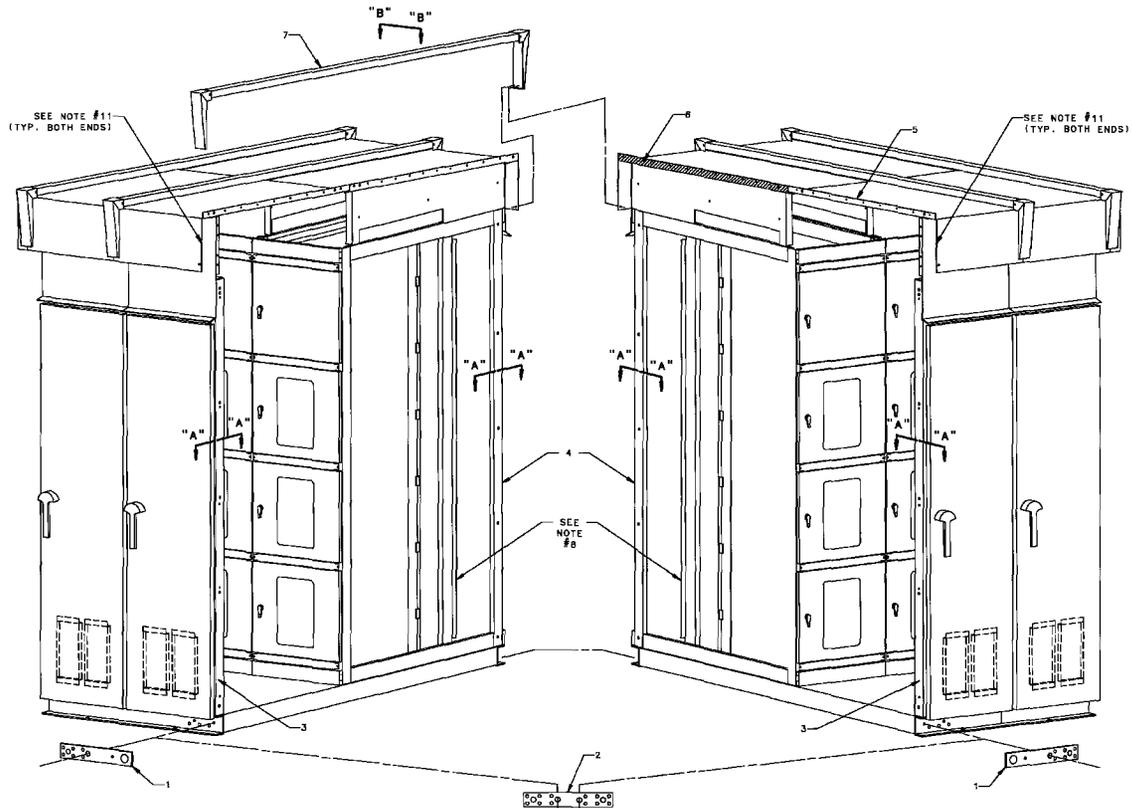
ENGR.	SMY	DESIGNER D. MARLETTE
ISSUED	RECN	S.O.
MADE BY	APPROVAL SWITCHGEAR	0176D7426
DATE 2-22-91	BURLINGTON, IA	CONTIN SH. 2 SH. NO. 1

1. FOR PAPER REL. 01-30-89 3. FOR PAPER REL. 01-30-89 5. FOR PAPER REL. 01-30-89
 2. FOR PAPER REL. 01-30-89 4. FOR PAPER REL. 01-30-89 6. FOR PAPER REL. 01-30-89

OUTDOOR EQUIPMENT:

THE RECOMMENDED PROCEDURE FOR INSTALLING SWITCHGEAR EQUIPMENT SUPPLIED IN AN OUTDOOR ENCLOSURE IS AS FOLLOWS:

1. POSITION THE EQUIPMENT IN ITS FINAL LOCATION. IF THE EQUIPMENT LINE-UP WAS SPLIT INTO TWO OR MORE SHIPPING SECTIONS, IT IS NECESSARY TO FIRST MATCH LINE-UPS & REASSEMBLE THE MULTIPLE SECTIONS INTO ONE INTEGRATED EQUIPMENT.
2. AFTER REMOVAL OF THE LIFTING PLATES (1), APPLY THE PRESSTITE GASKET MATERIAL (6) TO THE MOUNTING SURFACE OF THE ROOF FLANGE (5). THE GASKET MATERIAL IS SUPPLIED WITH THE EQUIPMENT.
3. ALIGN THE TWO SECTIONS WITH THE MATING SURFACES BUTTED TOGETHER.
4. THE MATING SECTIONS OF THE OUTDOOR ENCLOSURE SHOULD BE BOLTED TOGETHER INCLUDING THE FRONT (3) AND REAR (4) VERTICAL POSTS AND THE ROOF FLANGE (5). EACH VERTICAL POST WILL REQUIRE (QTY OF 10) 3/8"-16NC X 1" BOLT ASSEMBLIES (SEE SECTION A-A). THE ROOF FLANGE WILL REQUIRE (EITHER QTY OF 11 OR 12) 3/8"-16NC X 1/2" BOLT ASSEMBLIES. THE BOLTS SHOULD BE TIGHTENED WITH A TORQUE OF 25-30 FT.-LBS. SECTION B-B IS A CROSS SECTIONAL VIEW OF THE ASSEMBLED ROOF JOINT.
5. TIE THE BASE OF THE OUTDOOR HOUSING TOGETHER USING THE SPLICE PLATES (2) SUPPLIED WITH THE EQUIPMENT AND THE BOLTS WHICH PREVIOUSLY SECURED THE LIFTING PLATES (1).
6. INSTALL THE ROOF CAP (7) OVER THE SEALED AND BOLTED ROOF FLANGE ASSEMBLY. THE ROOF CAP IS SECURED IN PLACE WITH (QTY OF 2) 1/4"-20NC X 1/2" THREAD FORMING BOLTS EACH AT THE FRONT AND THE REAR ENDS OF THE CAP. THESE BOLTS SHOULD BE TIGHTENED WITH A TORQUE OF 7-8 FT.-LBS.
7. IF A TRANSFORMER IS INCLUDED IN THE EQUIPMENT LINE-UP, THE FLANGE SHOULD BE CONNECTED TO THE SWITCHGEAR OPENING USING THE GASKET, CEMENT AND FASTENING MATERIAL SUPPLIED WITH THE SWITCHGEAR EQUIPMENT.
8. THE SWITCHGEAR WITHIN THE OUTDOOR ENCLOSURE SHOULD BE JOINED TO ITS MATING SECTIONS IN THE MANNER DESCRIBED FOR INDOOR EQUIPMENT.
9. THE INSTALLATION OF THE TRANSFORMER CONNECTION STRAPS TO THE INCOMING BUS SHOULD BE DONE IN ACCORDANCE WITH THE INSTRUCTIONS FURNISHED WITH THE INDOOR EQUIPMENT.
10. THE INTERCONNECTION OF CONTROL WIRING ACROSS SHIPPING SPLITS SHOULD BE DONE IN ACCORDANCE WITH THE INSTRUCTIONS FURNISHED WITH THE INDOOR EQUIPMENT.
11. AFTER COMPLETION OF THE SHIPPING SPLIT ASSEMBLY ANY SMALL OPENINGS SHOULD BE SEALED WITH G.E. CLEAR SILICONE CAULKING CEMENT.



SHIPPING SPLIT ASSEMBLY - OUTDOOR ENCLOSURE

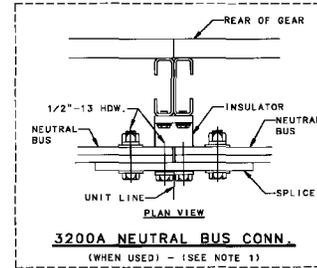
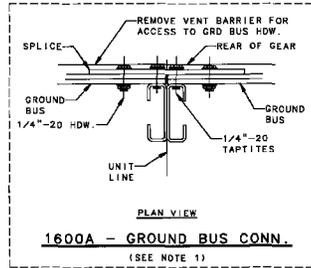
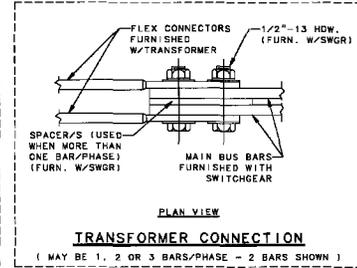
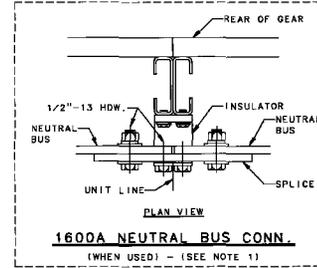
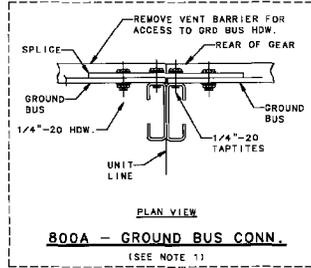
- ITEM 1 - LIFTING PLATES (QTY OF 8) 12 FRT. & 2 RR. EACH SIDE OF SHIPPING SPLIT) (REAR PLATES NOT SHOWN)
- ITEM 2 - SPLICE PLATE (QTY OF 4)
- ITEM 3 - FRONT VERTICAL POST
- ITEM 4 - REAR VERTICAL POST
- ITEM 5 - ROOF FLANGE
- ITEM 6 - GASKET
- ITEM 7 - ROOF CAP

AKDB SWITCHGEAR/AKD10 SWITCHGEAR			
INSTALLATION DWG-OUTDOOR			
ENGR.	SMY	DESIGNER C.E. DROSTE	
ISSUED	RECN.	S.O.	
MADE BY	APPROVAL	SWITCHGEAR	0176D7426
DATE 6-20-95		BURLINGTON, IA	CONTON SH. 3 SH. NO. 2

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

NOTES:

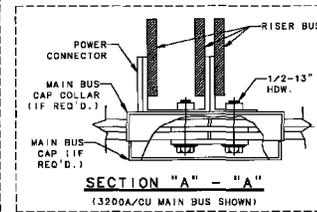
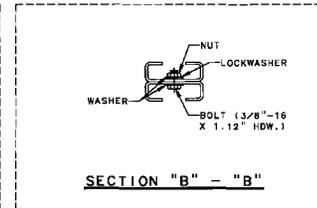
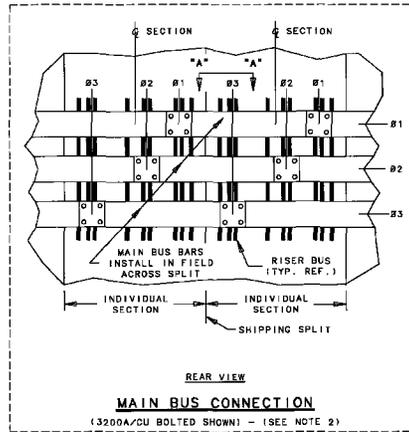
- GROUND BUS SPLICE AND HARDWARE WILL NORMALLY BE SHIPPED ASSEMBLED TO EITHER SIDE OF ADJACENT SHIPPING PACKAGES. NEUTRAL SPLICE, HARDWARE AND INSULATORS (WHEN FURNISHED) WILL NORMALLY BE SHIPPED ASSEMBLED TO EITHER SIDE OF ADJACENT SHIPPING PACKAGES.
- MAIN BUS BARS ACROSS SHIPPING SPLITS ARE PACKAGED AND SHIPPED DISASSEMBLED. EACH BAR IS MARKED WITH PHASE AND SECTION DESIGNATION. HARDWARE WILL NORMALLY BE SHIPPED ASSEMBLED ON POWER CONNECTORS IN SWITCHGEAR. FOR ALUMINIUM BUS REFER TO GEN-5607, PAGE 43.
- ALL DIMENSIONS SHOWN IN PARENTHESIS ARE METRIC.



TORQUE VALUES FOR LOW VOLTAGE EQUIPMENT HARDWARE (COPPER OR ALUMINIUM)

BOLT SIZE	FOOTPOUNDS W/MACHINE NUT, LOCKWASHER, FLATWASHER &/OR BELLVILLE WASHER
1/4-20	7-9
3/8-16	25-30
1/2-13	35-40

TORQUE VALUES



STORAGE PRECAUTIONS

BEFORE STORING UNPACK SUFFICIENTLY TO CHECK FOR CONCEALED DAMAGE. IF DAMAGED NOTIFY SHIPPER IMMEDIATELY. IF FREE OF DAMAGE, RESTORE PACKING UNTIL READY FOR INSTALLATION.

STORE INDOORS IN A CLEAN, DRY AREA, PREFERABLY CLOSE TO THE INSTALLATION POINT.

PROTECT THE EQUIPMENT FROM MECHANICAL DAMAGE AND ANY CONTACT WITH, OR EXPOSURE TO, CORROSIVE FUMES, LIQUIDS, SALTS, OR CONCRETE.

IF STORED IN A COOL OR DAMP AREA, HEAT SHOULD BE PROVIDED TO KEEP THE EQUIPMENT DRY. HEAT HEATERS ARE SUPPLIED. THIS MAY BE ACCOMPLISHED BY MAKING TEMPORARY POWER CONNECTION TO THE HEATERS INSTALLED IN THE EQUIPMENT. ON ALL OTHER EQUIPMENT, TWO STANDARD 120 VOLT LAMPS RATED AT 100 WATTS EACH, CAN BE USED INSIDE EACH VERTICAL SECTION.

FAILURE TO STORE AND PROTECT THE EQUIP. PROPERLY CAN CAUSE SERIOUS DAMAGE AND WILL VOID WARRANTY.

READ ENCLOSED INSTALLATION INSTRUCTIONS BEFORE PROCEEDING

75A100168 P101

STORAGE PRECAUTIONS LABEL

AKDB SWITCHGEAR/AKD10 SWITCHGEAR
INSTALLATION DWG-OUTDOOR

ENGR.	SWY	DESIGNER	C.E. DROSTE
ISSUED	REON	S.O.	
MADE BY	APPROVAL	SWITCHGEAR	0176D7426
DATE 6-20-96		BURLINGTON, IA	CONTOR SH FI SH NO. 3

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