



\*\*ENGINEERING NOTES:  
 PHASE, SIZE AND TYPE  
 OF CONNECTOR  
 TO BE SPECIFIED

TITLE:

THREE-PHASE FEEDER  
 RISER WITH 900 AMP  
 VERTICAL AIR SWITCH

**GARLAND**  
 POWER & LIGHT

STANDARD NO.:

UG-2742

DRAWN BY:	DATE: 3/16/05	APPROVED BY: CP
REVISED BY: JC	DATE: 3/16/05	APPROVED BY:

**CONSTRUCTION STANDARD NO. : UG-2742****TITLE: THREE PHASE FEEDER RISER WITH 900 AMP VERTICAL  
AIR SWITCH**

REV. DATE: 3/7/2006

PIC. #	DESCRIPTION	IBM NO.	QTY.
1	CONDUIT, 6" RIGID 10' LENGTH, GALVANIZED, THREADED, 1 COUPLING	285-14-14135	6
2	BOLT MACHINE 5/8" X 14" W/NUT	285-08-10788	9
3	SWITCH AIR GANG OPER 900 AMP VERTICAL UPRIGHT	286-80-53505	1
4	ARRESTOR LIGHTING MOV TYPE 10KV, POLYMER	286-04-10010	3
5	TERMINATION KIT, FOR 1000 MCM PRIMARY CABLE	285-19-19197	3
6	MOUNT HEAVY DUTY EQUIP 48" ALUMA FORM MODEL #R3C SA 48	285-38-19198	1
7	SCREW LAG SQ HEAD 1/2" X 4" GA	285-08-14120	7
8	6" PVC/RIGID FEMALE ADAPTER, COUPLING, CONDUIT, 6"PVC TO 6" GALV, FEMALE THREADED, NSE	285-14-72104	2
9	COUPLING, 6" PVC SCHD 40 6" TO 6" , NSE	285-14-72105	2
10	6" PIPE STRAP, ALUMAFORM #STK-6	285-14-13896	6
11	BRACKET, CONDUIT EXTENSION SUPPORT 24", ALUMAFORM 6CSO-24	285-38-11526	6
12	SEALING COMPOUND FOR RISERS - DUCT SEAL 1 LB	010-24-11250	1
13	BIRD GUARD COVER, FARGO GS-555	285-39-24101	3
14	CLAMP HOTLINE ALUM 3/0 TO 636.4	285-13-16225	3
15	GROUNDING CLAMP FOR 6" RIDGID CONDUIT	285-35-16025	2

16	ROD GROUNDING 5/8" X 8'	285-36-15108	1
17	CLAMP GROUND ROD 5/8"	285-13-16025	1
18	CONNECTOR CRIMPIT CU. #6 - #6	285-18-17010	1
19	#477 ACSR HAWK 26/7 STR	280-07-13125	12
20	CABLE 5 KV #6 SOLID CU. @ 250 FT. REELS - truck stock only	280-42-50026	12
21	CABLE, CU, 500MCM, 37 STR, SNGL COND., 600 V, TYPE RHH, RHW, USE	280-42-14100	20
22	WASHER SPRING DOUBLE COIL 5/8" 500/BX	285-08-85430	7
23	ELBOW RIGID 6" 90 DEGREE GALVANIZED RA	285-14-10320	2
24	CONNECTOR DOUBLE BOLT SWIVEL CAP CU TO CU 500 MCM	285-18-18520	3
25	LUG TERMINAL #500 MCM STR CU TYPE YA	285-49-17610	3
26	LUG TERMINAL 2H PAD COMPR 477 MCM ACSR, BLACKBURN AL S-28	285-49-17524	3
27	FAULT INDICATOR LOAD TRACKER 800 AMP - FEEDER DIP	286-30-10335	3
28	CABLE CU 4/0 AWG 19 STR. SNGL COND. 600V TYPE RHH, RHW, USE	280-42-14070	6
29	BOLT HEX HD 1/2" X 2" GALVANIZED	320-09-11261	12
30	WASHER BELLEVILLE 9/16" STN/ST	320-09-30130	24
31	NUT HEX 1/2" GALVANIZED	320-09-13051	12
32	#2 CU BARE HD 7 STR	280-09-21051	9
33	CAP, END FOR 6" GAL. IRN. THREADED	285-14-11760	1

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BOLT MACHINE 5/8" X 14" W/NUT

285-08-10788

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