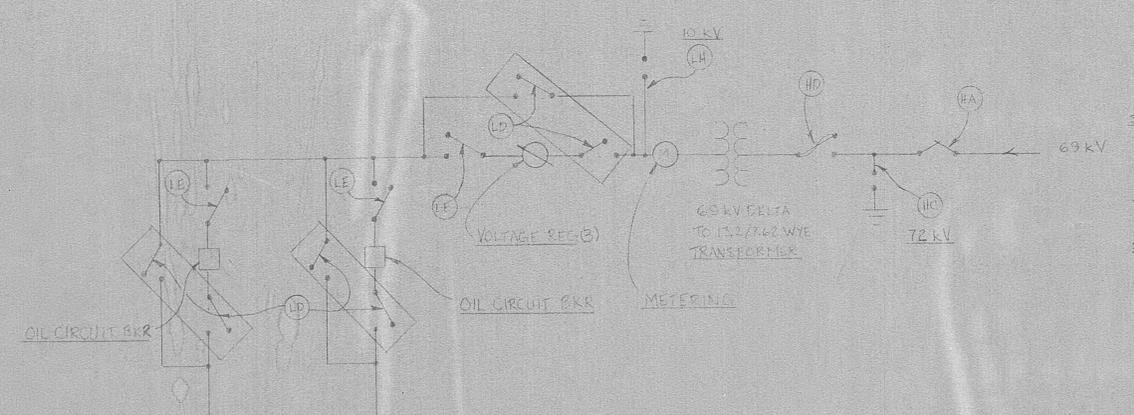
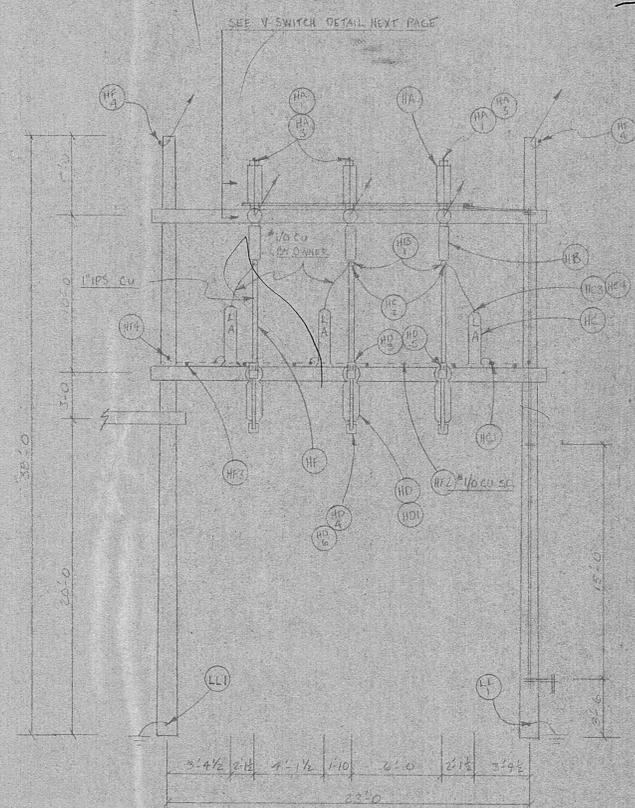
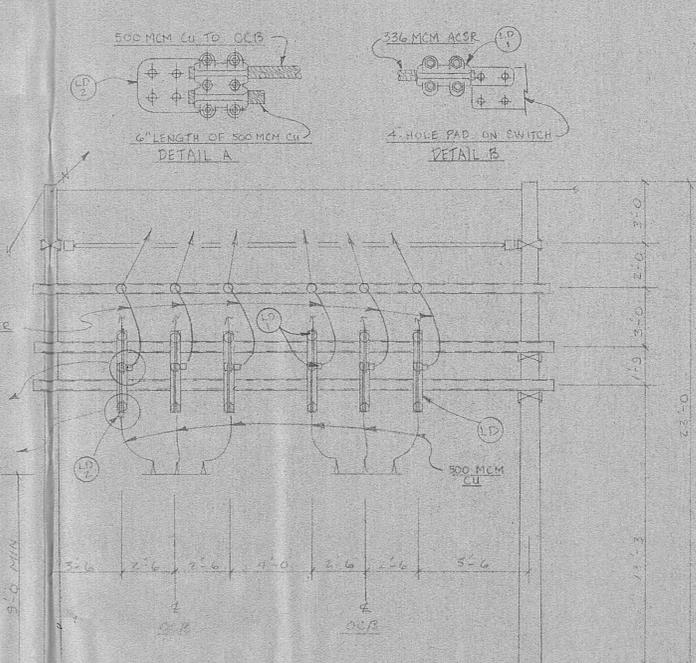


PLAN VIEW
1/8" = 1'-0"

OUTGOING CIRCUITS ARE
336.4 MCM ACSR (ONE
PER PHASE AND NEUTRAL)



ONE LINE WIRING DIAGRAM



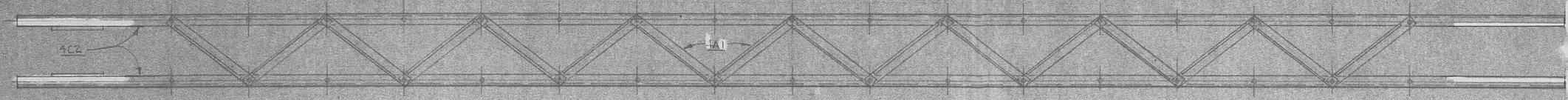
SECTION FF
1/8" = 1'-0"

- NOTES:
- (1) PHASING SCHEMATIC SHOWN ONLY. FIELD VERIFY CORRECT PHASING.
 - (2) RUN LINES THRU STRAIN CLAMPS AND ATTACH TO SWITCHES AND BUSES.
 - (3) USE NON-OXIDE PASTE ON ALL ALUMINUM BUS CONNECTIONS.
 - (4) ALUMINUM SURFACES PLACED IN CONTACT WITH CONCRETE SHALL BE GIVEN A HEAVY COAT OF ALKALI RESISTANT BITUMINOUS PAINT (US MIL SPEC. MIL-P-6883A) PER LATEST REVISION OF NEMA STANDARDS PUBLICATION #54-G-1974 (R1979).
 - (5) THE FOLLOWING IS OWNER FURNISHED MATERIAL:
 - (A) ALL 3/0 ACSR AND 795 MCM AAC
 - (B) ALL 3/8 HSS FOR CHSW AND BUS
 - (C) ALL CONNECTORS FOR 3/0 ACSR, 795 MCM AAC AND 3/8 HSS UNLESS NOTED
 - (D) #10 CU TO TC KV. L.A.'S
 - (E) 10" STRAIN DISC ASSEMBLIES
 - (F) DOUBLE ARMING BOLTS
 - (6) LOCATION OF GUS AND GUY ASSEMBLIES BY OWNER.
 - (7) 69KV V-SWITCH BASE SHALL BE REPAIRED WITH PC-1A3 TO ALLOW MOUNTING ONTO TRUSS.

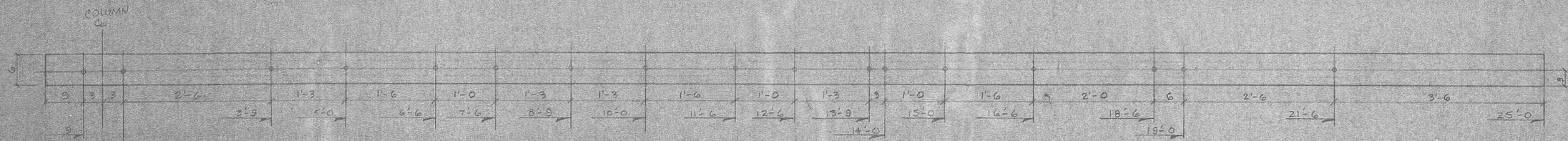
		WHITLOW ELECTRIC 233 WILLIAMS STREET ELBERTON, GEORGIA 30635 404/283-5662	
		CUSTOMER HARRIMAN UTILITY BOARD	
TITLE ELECTRICAL ARRANGEMENT		CUSTOMER P.O. 9544	
SUBSTATION CARDIFF VALLEY 69-13 KV SUBSTATION			
DATE 7-88	APPROVED BY 	DRAWN BY JI 2-10-83	DRAWING NUMBER WE-82689-1
REV. DATE AS SHOWN	DESCRIPTION		SCALE AS SHOWN

BILL OF MATERIAL

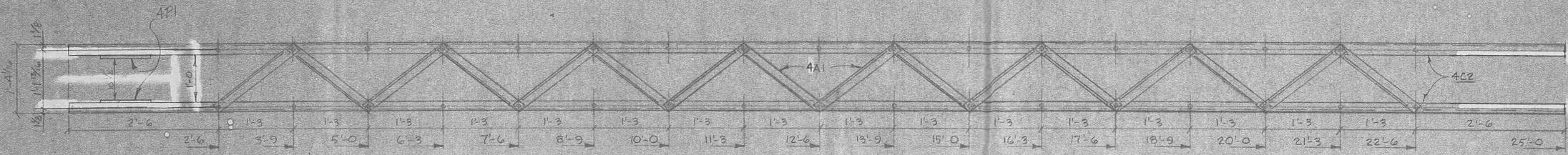
MARK	QUAN	DESCRIPTION	LENGTH
4C1	1	TRUSS COMPOSED OF THE FOLLOWING	
4C2	2	6 I @ 3.631	25' 0"
4A1	32	L 2x2x1/4	1' 9 3/8"
4P1	28	P 6x2x1/4	0' 8"
		EST. WT.: 248 LBS.	
		SHOP BOLTS	
	34	5/8 BOLT, NUT, L.W. (AL)	0' 1 3/4"
AB	4*	5/8 BOLT, NUT, L.W.	0' 3"



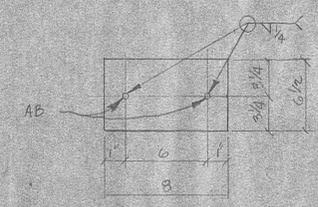
TRUSS MK 4C1
TOP VIEW



6 I @ 3.631 MK 4C2



TRUSS MK 4C1
BOTTOM VIEW



API
SPACER FOR NARROW COLUMN

* GALVANIZED STEEL

SHOP NOTES:

ALL HOLES 1/16 DIA UNLESS NOTED

WE		WHITLOWELECTRIC 203 WILLIAMS STREET ELBERTON, GEORGIA 30638 404/283-6662	
CUSTOMER		HARRIMAN UTILITY BOARD	
TITLE	ALUMINUM DETAILS	CUSTOMER P.O.	9544
SUBSTATION	CARDIFF VALLEY SUBSTATION		
DATE	20 DEC 82	APPROVED BY	[Signature]
SCALE	N.T.S.	DRAWN BY	[Signature]
REV. DATE		DESCRIPTION	
1	2/15	CHANGE LINES	
			DRAWING NUMBER WE-82-689-DA

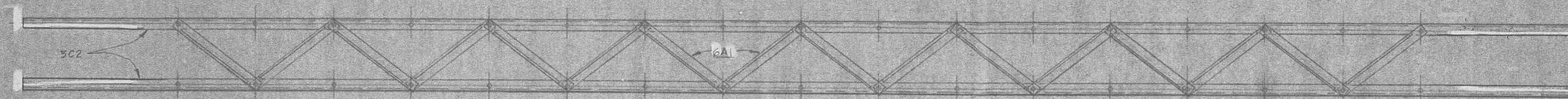
BILL OF MATERIAL

MARK	QUAN	DESCRIPTION	LENGTH
5C1	2	TRUSS COMPOSED OF THE FOLLOWING	
5C2	2	6" @ 3.631	25'-0"
6A1	32	L2x2x1/4	1'-6 1/2"

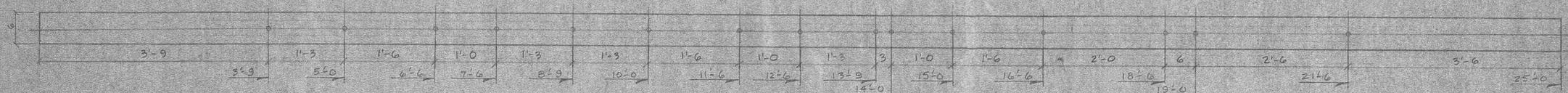
EST. WT. 248 LBS.

SHOP BOLTS

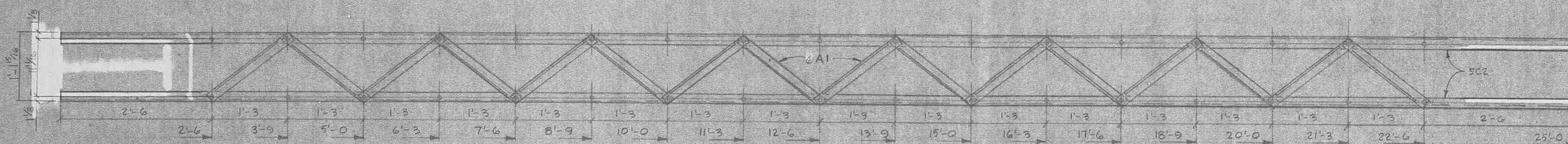
34	3/8 BOLT, NUT, LW (AL)	0	13%
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TRUSS MK 5C1
TOP VIEW



6" @ 3.631 MK 5C2



TRUSS MK 5C1
BOTTOM VIEW

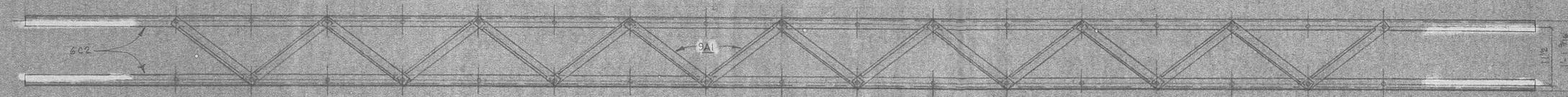
SHOP NOTES:

ALL HOLES 11/16 DIA. UNLESS NOTED

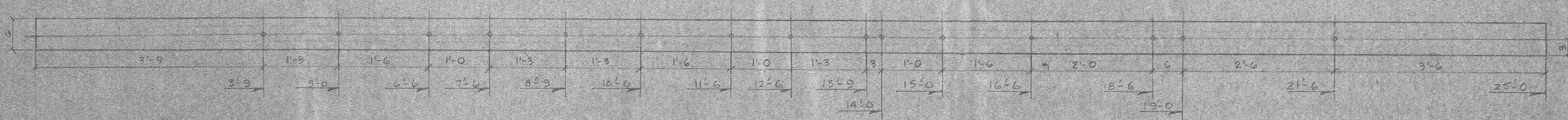
		WHITLOW ELECTRIC 203 WILLIAMS STREET ELBERTON, GEORGIA 30636 404/283-5837	
		CUSTOMER HARRIMAN UTILITY BOARD	
TITLE ALUMINUM DETAILS		CUSTOMER P.O. 9544	
SUBSTATION CARDIFF VALLEY SUBSTATION		DRAWING NUMBER WF-82-699-D5	
DATE 20 DEC 82	APPROVED BY 	DRAWN BY 	DRAWING NUMBER WF-82-699-D5
REV. DATE 1 7/8 11/85	DESCRIPTION CHANGE LINES	SCALE 1/8" = 1'-0"	DRAWING NUMBER WF-82-699-D5

BILL OF MATERIAL

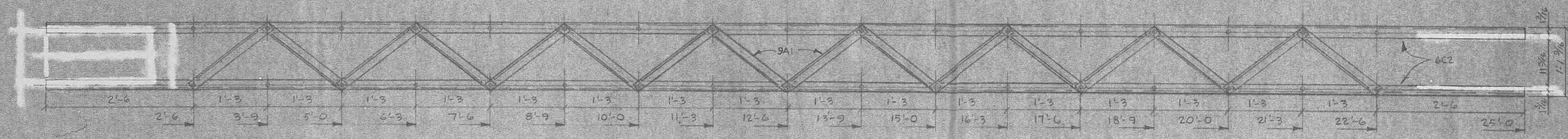
MARK	QUAN	DESCRIPTION	LENGTH
GCI	2	TRUSS COMPOSED OF THE FOLLOWING	
GC2	2	6" L @ 3.631	25'-0"
9A1	32	2x2x1/4	1'-3/4"
EST. WT: 248 LBS			
SHOP BOLTS			
3A	5/8 BOLT, NUT, L.W. (AL)	0	1/2"



TRUSS MK GC1
TOP VIEW



6" L @ 3.631 MK GC2



TRUSS MK GC1
BOTTOM VIEW

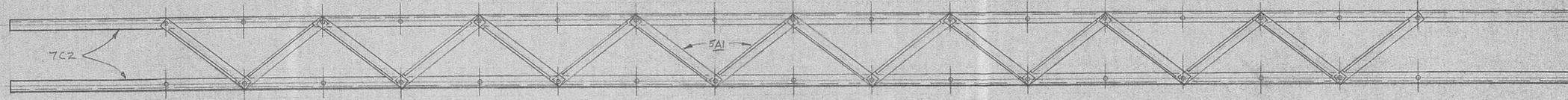
SHOP NOTES:

1. ALL HOLES 1/16 DIA UNLESS NOTED.

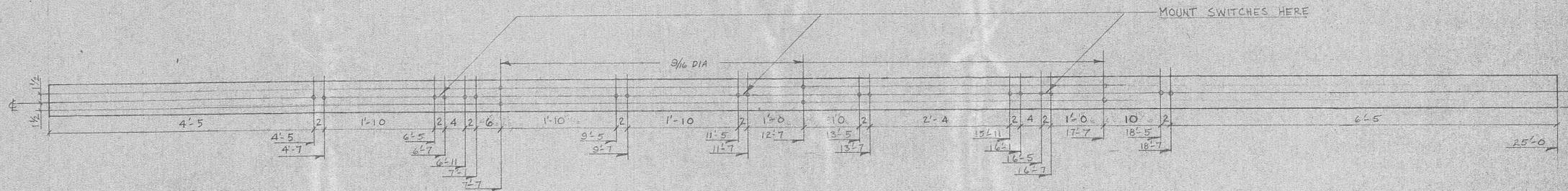
		WHITLOW ELECTRIC 203 WILLIAMS STREET ELBERTON, GEORGIA 30535 404/283-6662	
		CUSTOMER HARRIMAN UTILITY BOARD	
TITLE ALUMINUM DETAILS		CUSTOMER P.O. 9544	
SUBSTATION CARDIFF VALLEY SUBSTATION		DATE 22 DEC 02	
REV. DATE 1 1/2 CHANGE LINES		APPROVED BY 	
SCALE NTS		DRAWN BY CHD	
DESCRIPTION 1. ALL HOLES 1/16 DIA UNLESS NOTED.		DRAWING NUMBER WP-51-259-D6	

BILL OF MATERIAL

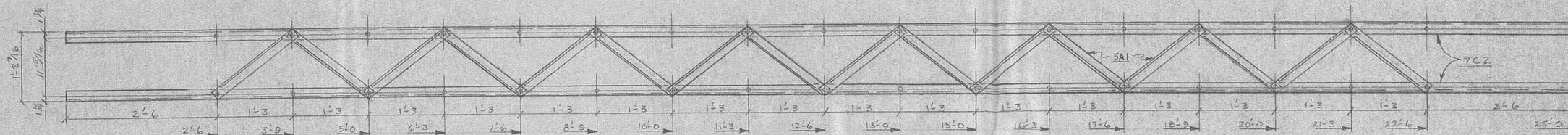
MARK	QUAN	DESCRIPTION	LENGTH
7C1	1	TRUSS, COMPOSED OF:	
7C2	2	L-6 x 3.631	25' 0"
5A1	32	L-2 x 2 x 1/4	1' 8 3/8"
EST. WT. 248 LBS.			
SHOP BOLTS			
34		3/8 BOLT, NUT, LW (AL)	0 1 3/4"
FIELD BOLTS			
6		1/2 CAPSCREW & LW*	0 1 1/4"
MISC. PIECES (SEE NOTE A)			
7C3	3	L-6 x 3.631	2' 0"
7C4	3	L-6 x 3.631	3' 11"
7A1	3	L-2 x 2 x 1/4	0 4 1/2"
SHOP BOLTS			
30		1/2 CAPSCREW & LW*	0 1 1/4"
6		1/2 BOLT, NUT & LW (AL)	0 1 1/4"
FIELD BOLTS			
6		1/2 CAPSCREW & LW*	0 1 3/4"
24		3/8 BOLT, NUT & LW (AL)	0 3"
NOTE A: SWITCH BASES ARE MOUNTED TO TROSSES 7C1 & 10C1. LIVE PARTS AND INSULATION ARE SHOP ASSEMBLED			
* GALVANIZED STEEL			



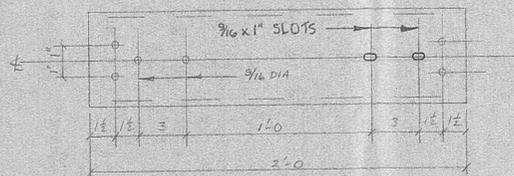
TRUSS MK 7C1
TOP VIEW



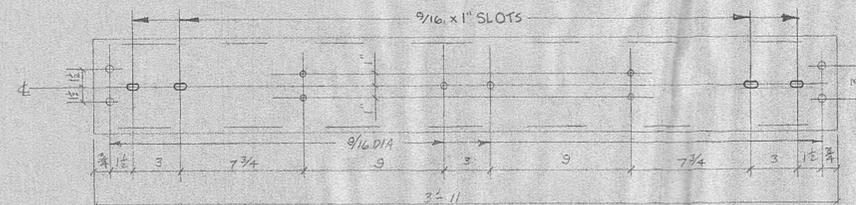
6" [@ 3.631 MK 7C2



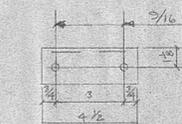
TRUSS MK 7C1
BOTTOM VIEW



6" [@ 3.631 MK 7C3
(BASE FOR SINGLE SWITCH)



6" [@ 3.631 MK 7C4
(BASE FOR TANDEM SWITCH)



L-2 x 2 x 1/4 MK 7A1

NOTE: ATTACHED TO TOP END OF 7C4 FOR INSULATOR MTG

SHOP NOTES:

1. ALL HOLES 11/16 DIA. UNLESS NOTED

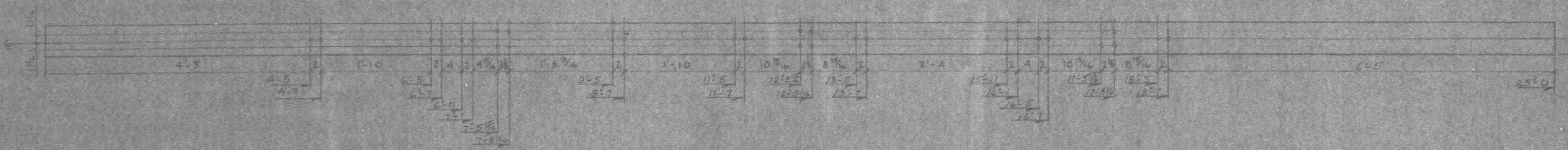
		WHITLOW ELECTRIC 203 WILLIAMS STREET ELBERTON, GEORGIA 30635 404/283-5662	
		CUSTOMER HARRIMAN UTILITY BOARD	
TITLE ALUMINUM DETAILS		CUSTOMER P.O. 3544	
SUBSTATION CARDIFF VALLEY SUBSTATION		DRAWING NUMBER WE82-687-07	
DATE 19 JAN 83	APPROVED BY 	DRAWN BY J. L. 3-83	DRAWING NUMBER WE82-687-07
REV. DATE 1 1/8	DESCRIPTION CHANGE LINES		

BILL OF MATERIAL

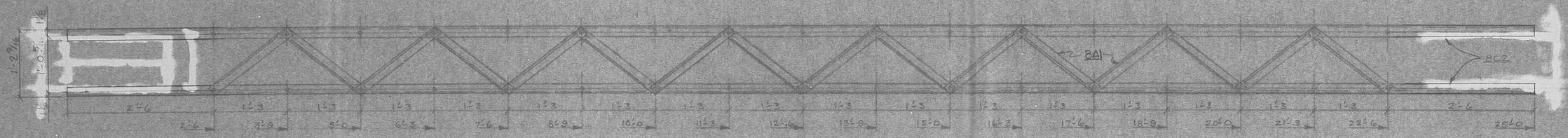
MARK	QUAN	DESCRIPTION	LENGTH
8C1	1	TRUSS, COMPOSED OF	
8C2	2	L-6x3.631	25'-0"
8A1	32	L-2x2x1/4	1'-5 3/8"
EST. WT. 248 LBS			
SHOP BOLTS			
34		3/8 BOLT, NUT, LW (AL)	



TRUSS MK 8C1
TOP VIEW



6" @ 3.631 MK 8C2



TRUSS MK 8C1
BOTTOM VIEW

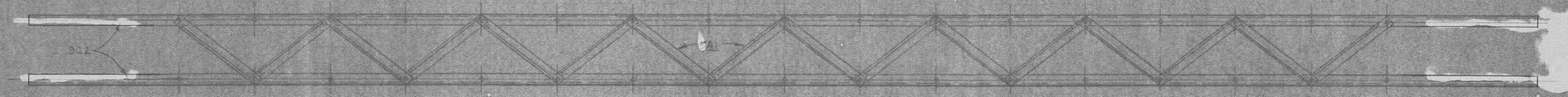
SHOP NOTES:

1. ALL HOLES 1/16 DIA UNLESS NOTED

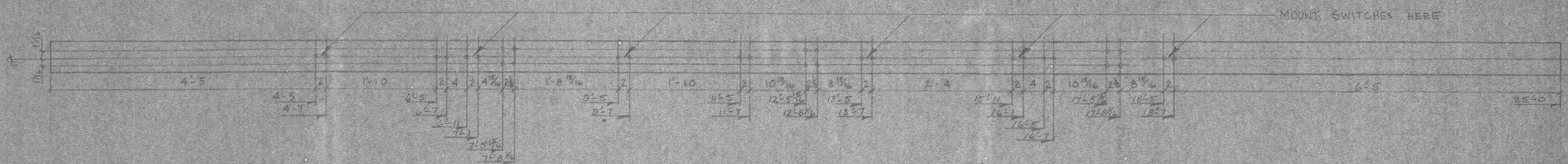
		WHITLOW ELECTRIC 223 WILLIAM STREET ELBERTON, GEORGIA 30606 704/233-5607	
		CUSTOMER HARRIMAN UTILITY BOARD	
TITLE ALUMINUM DETAILS		CUSTOMER # 9544	
STATION CARDIFF VALLEY SUBSTATION		DRAWING NUMBER WE-82-669-DP	
DATE 10 JANES	APPROVED BY [Signature]	DRAWN BY [Signature]	DATE 1-3-83
REV. DATE N 15	DESCRIPTION 1 3/8 GAGE LINES		

BILL OF MATERIAL

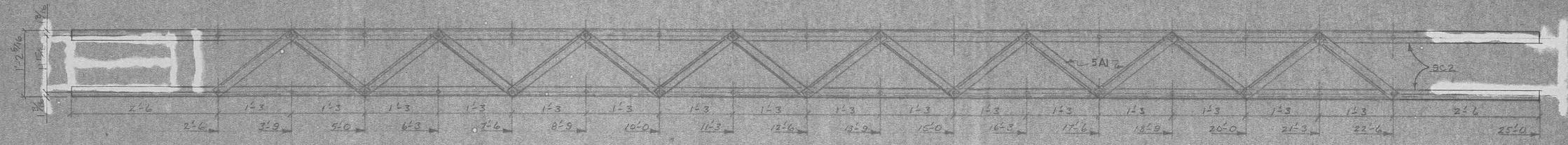
MARK	QUAN	DESCRIPTION	LENGTH
9C1	1	TRUSS COMPOSED OF	
9C2	2	6" I @ 3.631	25'-0"
5A1	52	3/8" BOLT NUT LW (41)	1" 3/4"
		EST. WT. 248 LBS.	
		SHOP BOLTS	
34		3/8" BOLT NUT LW (41)	1" 3/4"
		MISC. PIECES (SEE NOTE A)	
7C3	6	6" I @ 3.631	2'-0"
7C4	6	6" I @ 3.631	3'-11"
		SHOP BOLTS	
60		1/2" CAPSCREW 2 LW 1" 3/4"	
		FIELD BOLTS	
48		3/8" BOLT NUT 6 LW 1" 3/4"	
		NOTE: ALL SWITCH CASES ARE MOUNTED TO TRUSSES 9C1 & 9C2. LIVE PARTS AND INSULATION ARE SHOP ASSEMBLED.	
		* GALVANIZED STEEL	



TRUSS MK 9C1
TOP VIEW



6" I @ 3.631 MK 9C2



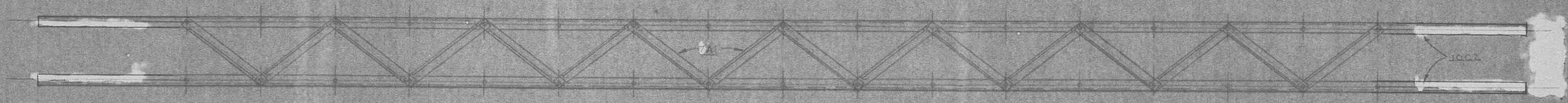
TRUSS MK 9C1
BOTTOM VIEW

SHOP NOTES:
1. ALL HOLES 1/4" DIA. UNLESS NOTED.

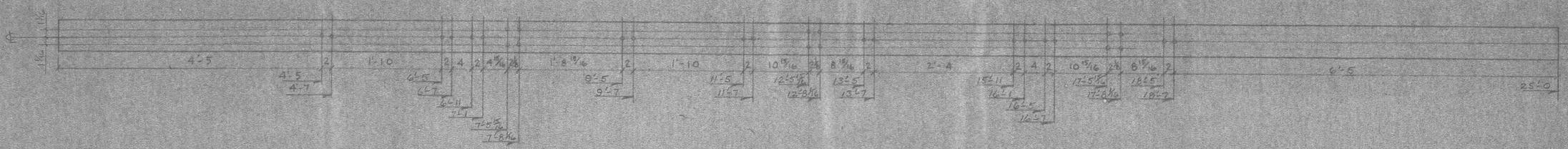
WE		WHITLOW ELECTRIC 203 W. MAIN STREET ELBURN, GEORGIA 30120 (404) 281-1507	
CUSTOMER: HARRIMAN UTILITY BOARD			
FILE: ALUMINUM DETAILS	SUBTITLE: 95-44		
SUBSTATION: CARDIFF VALLEY SUBSTATION			
DATE: 15 JAN 83	APPROVED BY: [Signature]	DRAWN BY: [Signature]	DRAWING NUMBER: WE-82-683-05
SCALE: 1/4" = 1'-0"	REV: DATE	DESCRIPTION	

BILL OF MATERIAL

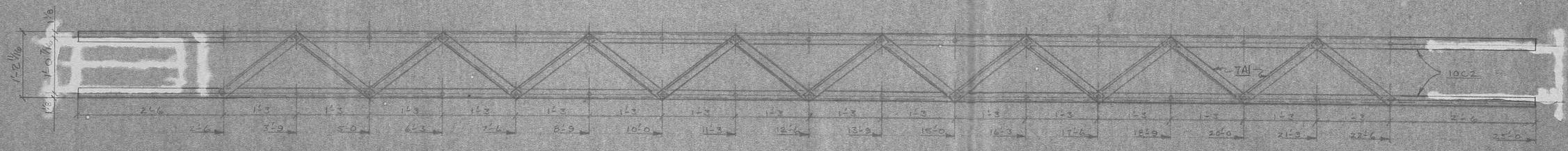
MARK	QUAN	DESCRIPTION	LENGTH
1001		TRUSS COMPOSED OF	
1002	2	L 4x3x1/4	25'-0"
7A1	32	L 2x2x1/4	1'-9"
EST. WT. 240 LBS.			
SHOP BOLTS			
34	3/4 BOLT 100' L.W. (AL)	0	13/16"



TRUSS 1001
TOP VIEW



6" E @ 3.681 MK1002



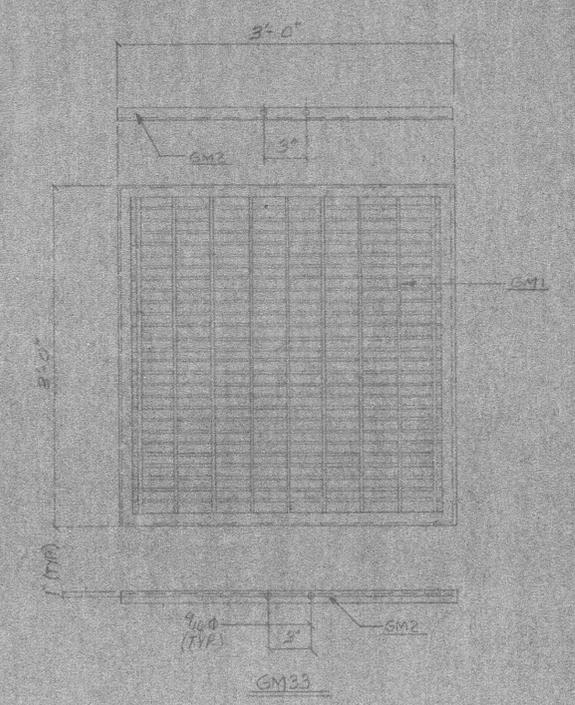
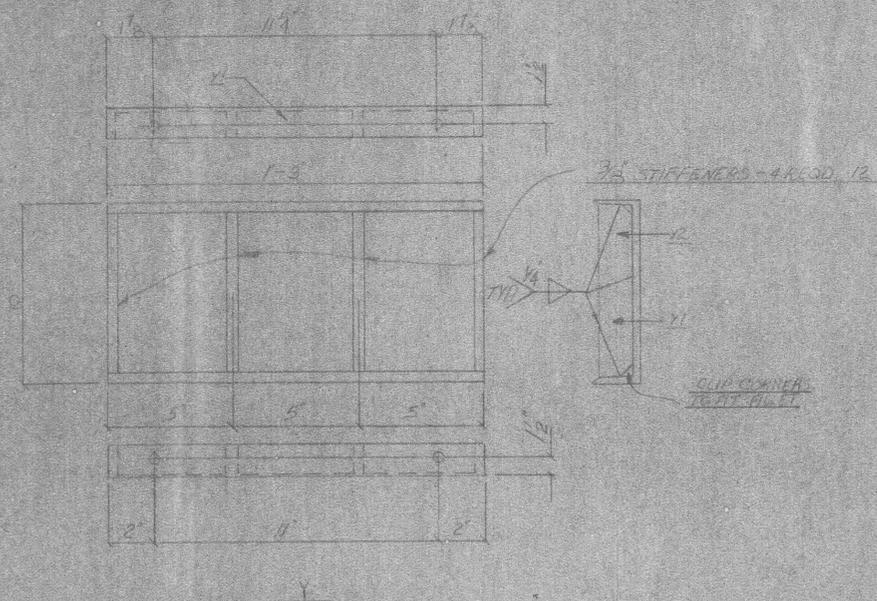
TRUSS MK 1001
BOTTOM VIEW

SHOP NOTES:

1. ALL HOLES 1/4" DIA UNLESS NOTED

		WHITLOW ELECTRIC 200 WILLIAMS STREET ELBERTON, GEORGIA 30530 707-20-5942	
		CUSTOMER HARRIMAN UTILITY BOARD	
TITLE ALUMINUM DETAILS		DATE 10/3/83	
STATION CARDIFF VALLEY SUBSTATION		DRAWN BY JLS	
APPROVED BY [Signature]		DATE 10/13/83	
REV. DATE [Blank]		DESCRIPTION [Blank]	

BILL OF MATERIAL



MARK	QUAN	DESCRIPTION	LENGTH
		STATION SERVICE	
		FOR THE SERVICE COMPASS	
		OF THE BUILDINGS	
11	1	2 1/2 X 1/2	
12	4	2 1/2 X 2	
GM2		GROUPED FAT 5/16	
		COMPOSED OF THE	
		FOLLOWING:	
GM1	1	GRATING 3/4 X 1/2	
		BEARING FOR ON 1/2	
		CORNER CORNERS 5/16	
		ON 1/2 CORNERS 2 1/2 X 2	
GM2	4	1-1/2 X 1/2	

SHOP NOTES:

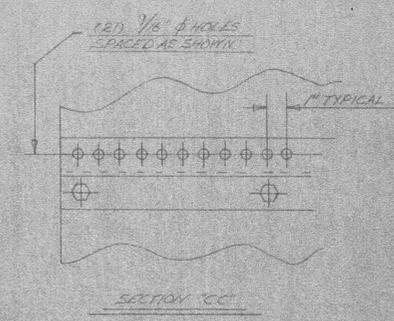
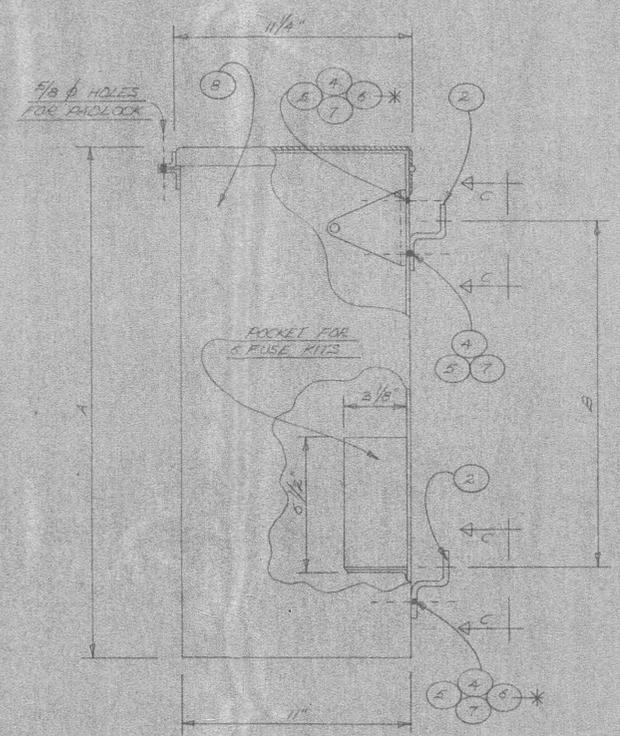
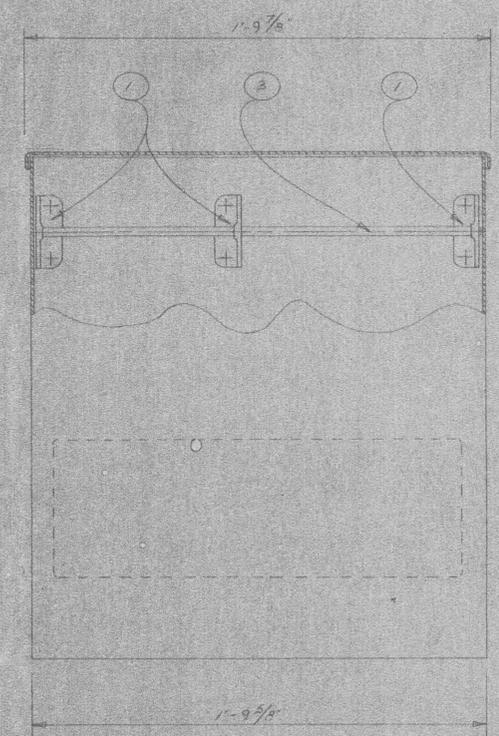
1. ALL HOLES 1/16 DIA. UNLESS NOTED

WE		WHITLOW ELECTRIC 203 WILLY PARK STREET ELBERTON, GEORGIA 31833 404/735-5567	
CUSTOMER: HARRIMAN UTILITY BOARD			
TITLE: MISC. UTILITIES TREE SERVICE		JOB NUMBER: 9544	
SUBSTATION: CARDIFF VALLEY SUBSTATION			
DATE: 6/15/90	APPROVED BY:	DRAWN BY: J.T.	DRAWING NUMBER: W.P. 92-600-00
SCALE: 1/4" = 1'-0"			

BILL OF MATERIAL

MARK	QUAN.	DESCRIPTION	LENGTH
1		FUSE SUPPLY BRACKET	
2		HANGER BRACKET	
3		3/8" ALUMINUM ROD	
4		3/8" X 1" GALV. HEX BOLT	
5		3/8" GALV. HEX NUT	
6		3/8" GALV. FLAT WADNER	
7		3/8" GALV. SPR. L/W	
8		CONTAINER BODY	

TYPE	A	B
WE-1	24/16	17
WE-2	36/16	28
WE-3	42/16	34
WE-4	55 1/16	45



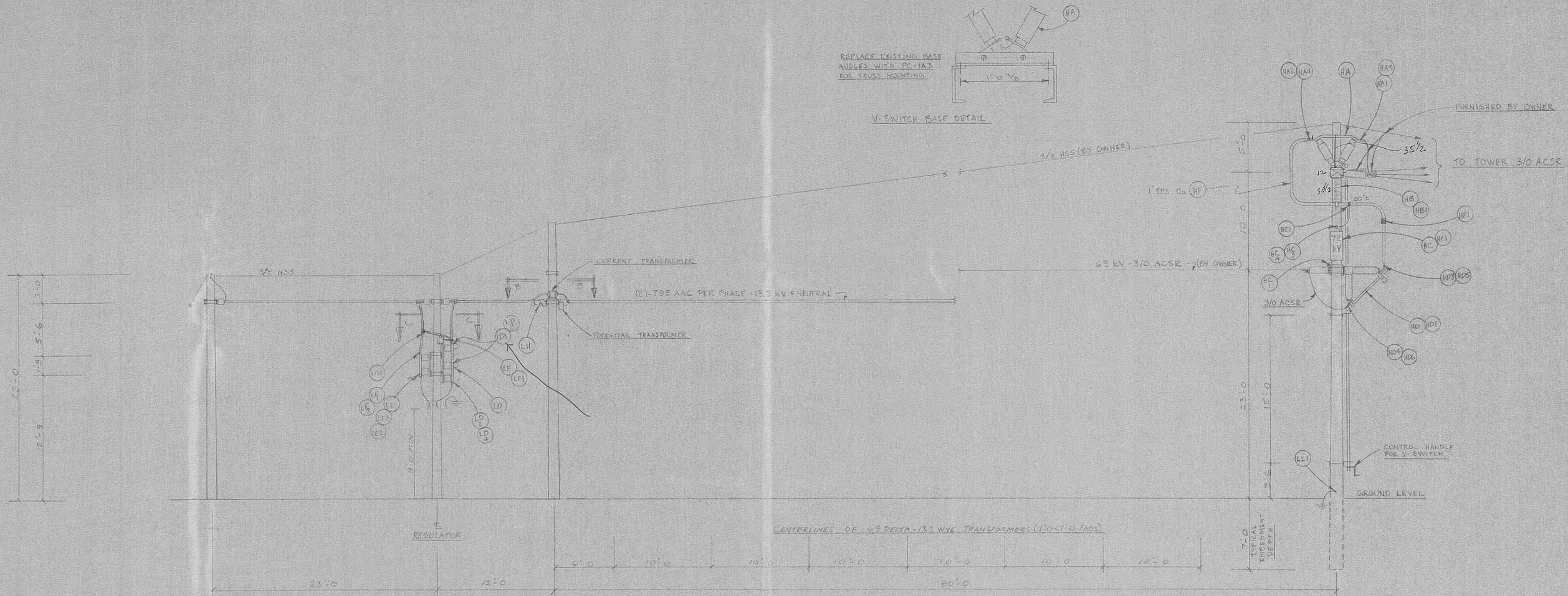
* ITEM NO. 6 TO BE LOCATED AGAINST CONTAINER WALL.

FUSE HOLDER CONTAINER

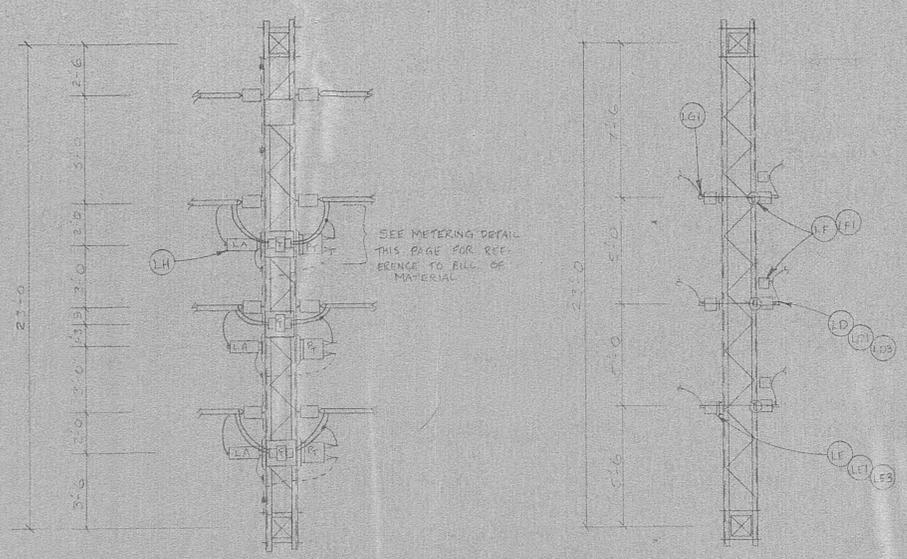
SHOP NOTES:

1. ALL HOLES 11/16 DIA. UNLESS NOTED.

		WHIFLOW ELECTRIC 202 WILLIAMS STREET ELBERTON, GEORGIA 30635 404/283-5062	
		CUSTOMER HARRIMAN UTILITY BOARD	
TITLE FUSE BOX HOLDER DETAILS		CUSTOMER P.O. 9544	
SUBSTATION CARDIFF VALLEY SUBSTATION		DATE 19 FEB 83	
SCALE N.T.S.		APPROVED BY 	DRAWN BY JED
REV. DATE DESCRIPTION		DRAWING NUMBER WE 87-053-012	

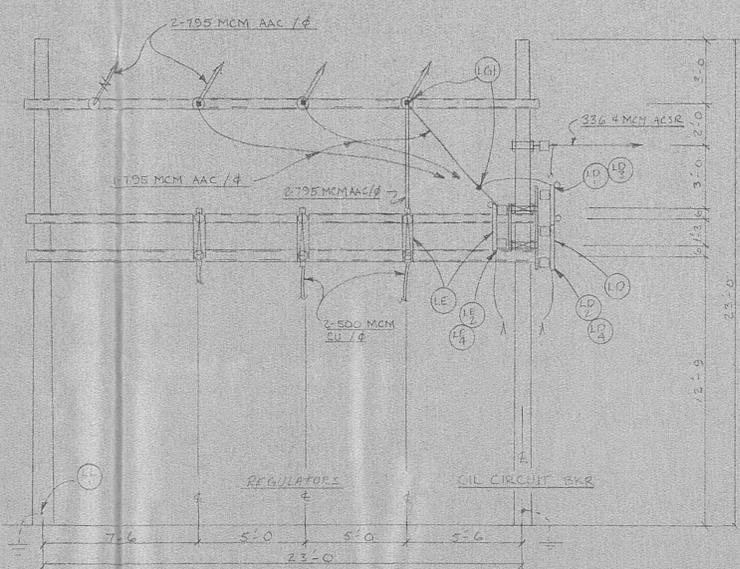


SECTION "AA"
5/16" = 1'-0"

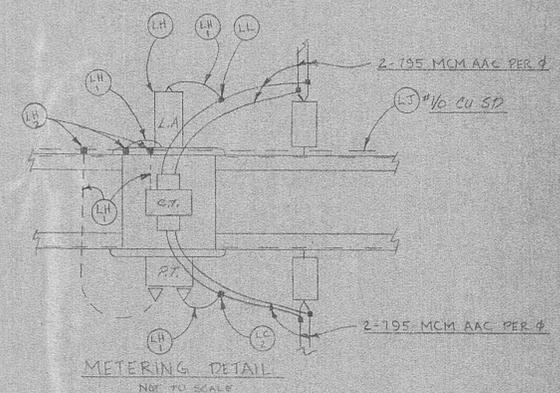


SECTION "BB"
1/4" = 1'-0"

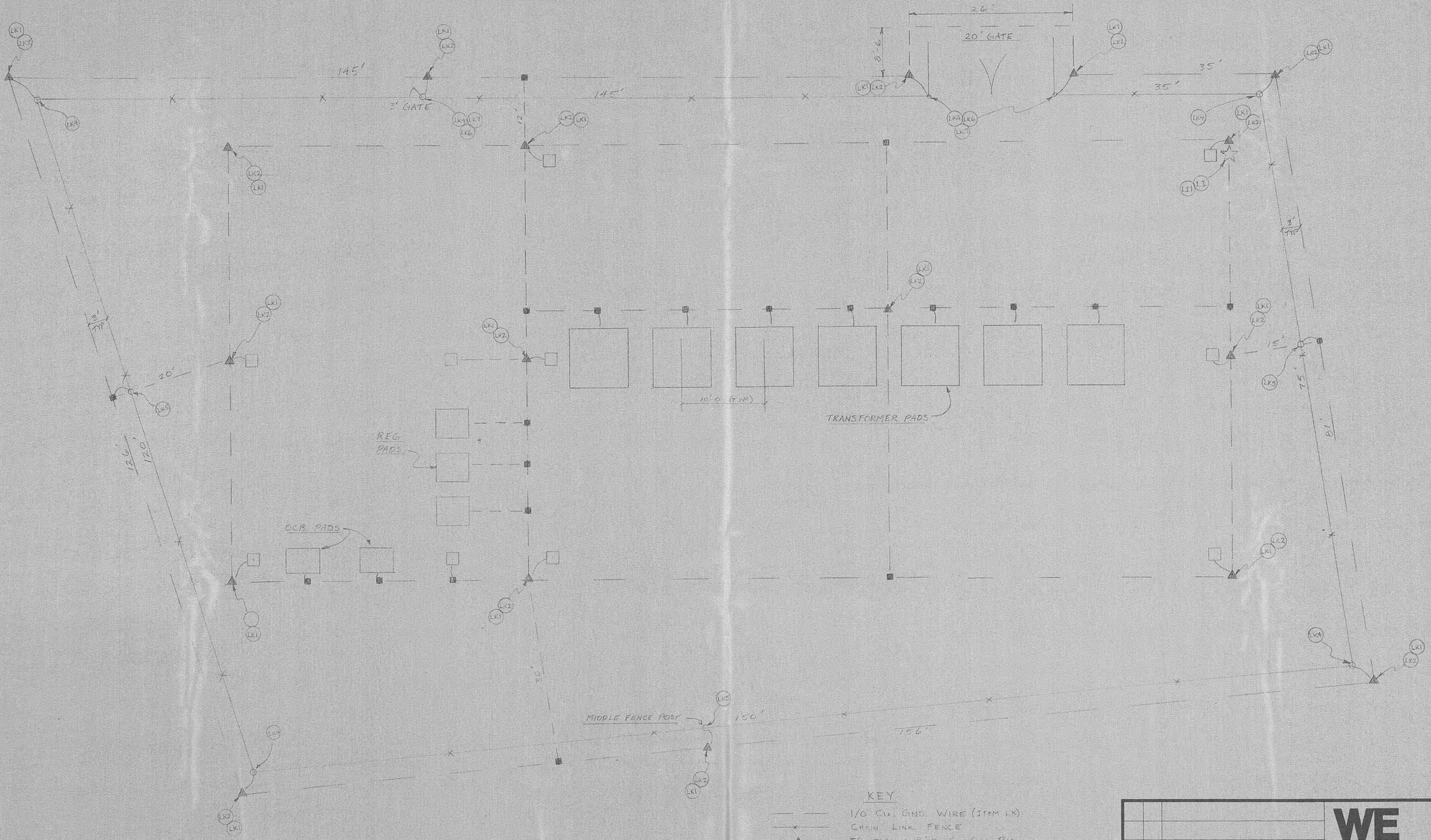
SECTION "CC"
1/4" = 1'-0"



SECTION "DD"
1/4" = 1'-0"



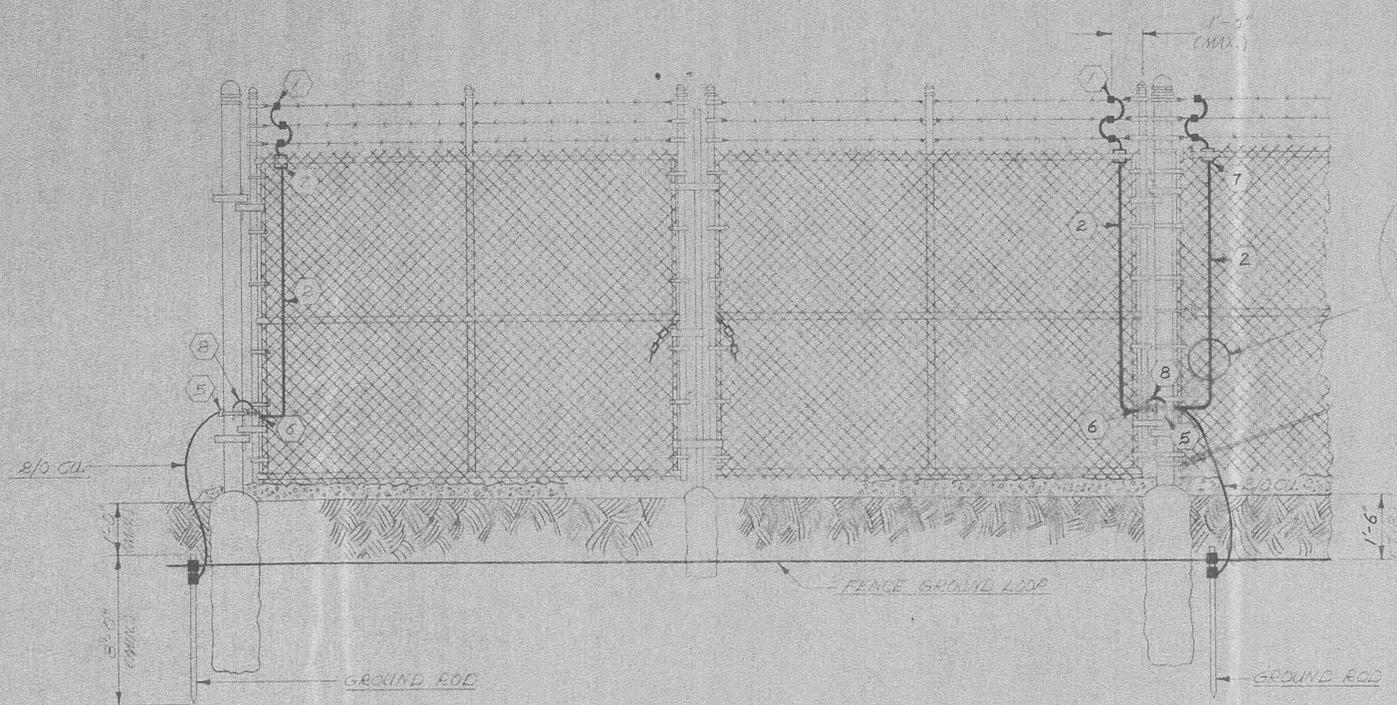
		WHITLOWELECTRIC 203 WILLIAMS STREET ELBERTON, GEORGIA 30635 404/283-5662	
		CUSTOMER HARRIMAN UTILITY BOARD	
TITLE ELECTRICAL SECTIONS		CUSTOMER P.O. 5577	
SUBSTATION CARDIFF VALLEY 69-13 KV SUBSTATION			
DATE 2-12-83	APPROVED BY 	DRAWN BY JH	DRAWING NUMBER WE-82-689-2
REV. DATE	DESCRIPTION	SCALE AS SHOWN	DATE 2-10-83



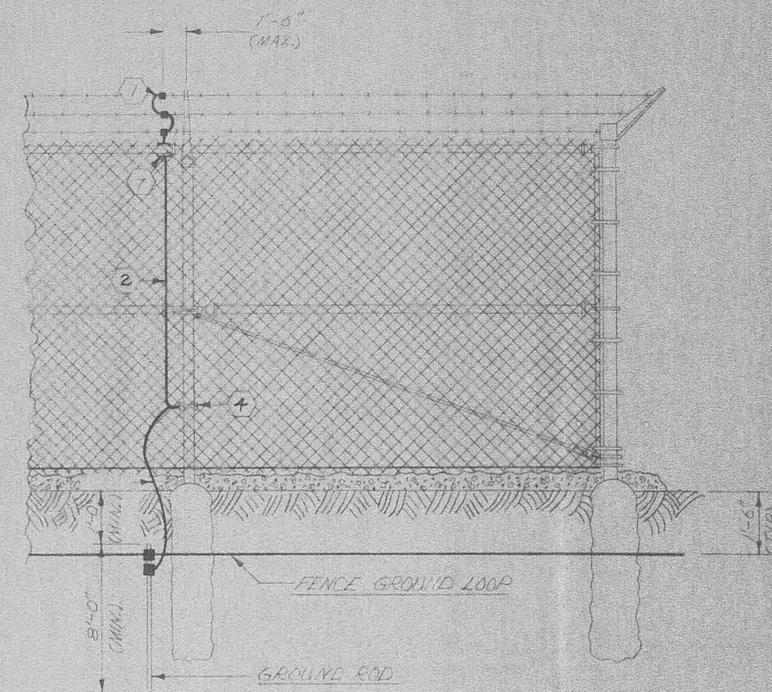
KEY

- 1/0 CU. GND. WIRE (ITEM LK)
- CHAIN LINK FENCE
- ▲ 5/8 DIA. X 8'-0" CU. GND. ROD
- BRONZE GROUND CLAMP (ITEM LK3)
- FENCE POST
- ☆ OPERATOR PLATFORM

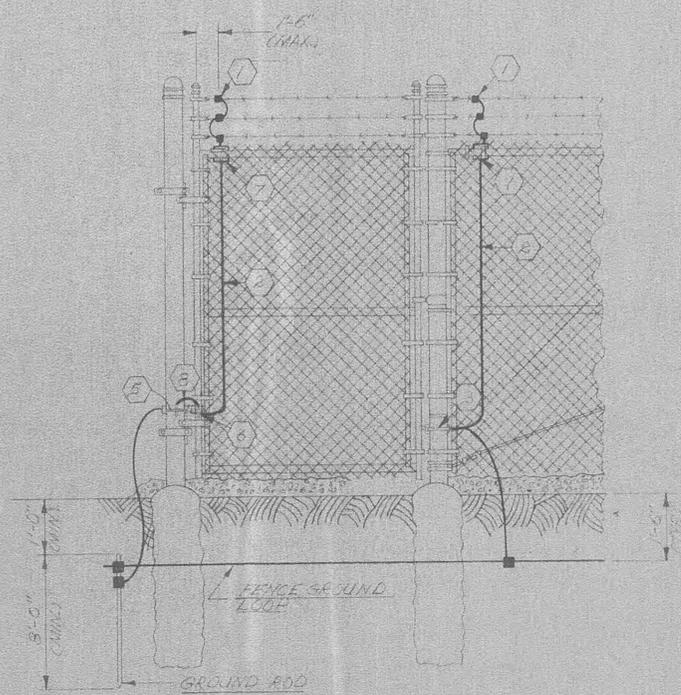
		WHITLOW ELECTRIC 203 WILLIAMS STREET ELBERTON, GEORGIA 30635 404/283-5662	
		CUSTOMER HARRIMAN UTILITY BOARD	
TITLE GROUNDING PLAN		CUSTOMER P.O. 9544	
SUBSTATION CARDIFF VALLEY			
DATE 19 JAN 93	APPROVED BY 	DRAWN BY JT 1-18-83	DRAWING NUMBER WE-82-689-3
REV. DATE	DESCRIPTION		



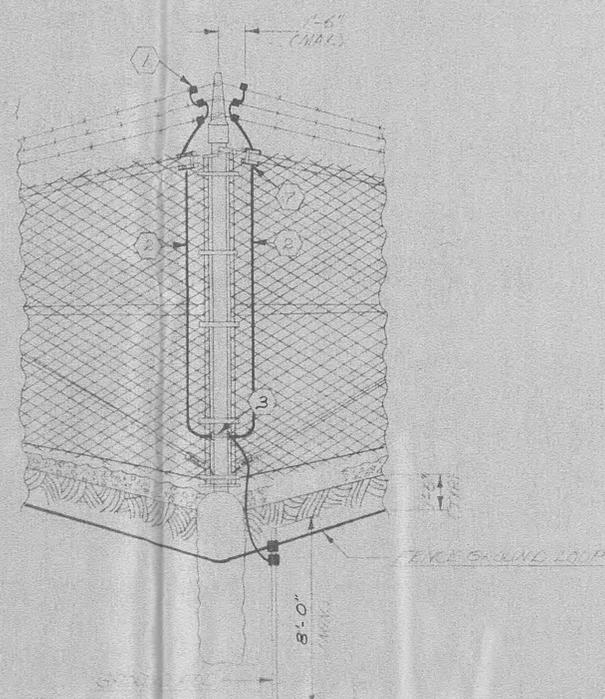
TYPICAL DOUBLE GATE



LINE POST



PEDESTRIAN GATE



DRIVE POST

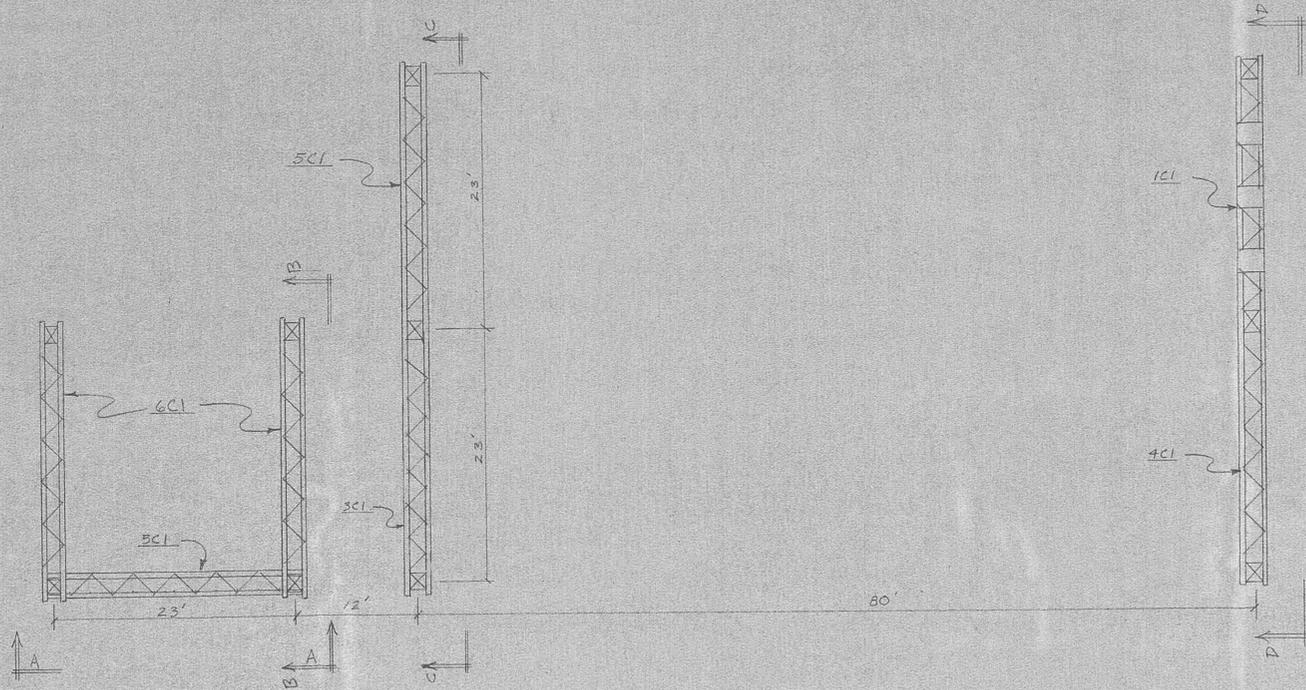
ITEM	MATERIAL LIST DESCRIPTION	B/M ITEM NO.
1	△ SPLIT BOLT CONNECTOR FOR #2 SOL. CU. MAIN TO #1/2 SOL. STEEL TAP. ANDERSON TYPE "CRS-2" OR EQUIV. (TINNED)	
2	△ #2 SOL. SOFT DRAWN COPPER WIRE (TINNED)	
3	GROUND CONNECTOR FOR #2 SOL. CU. WIRE TO 2 1/2" STD. WT. IRON PIPE. ANDERSON TYPE "GC-115-2B" OR EQUIV.	LK4
4	GROUND CONNECTOR #2 SOL. CU. WIRE TO #2 STD. WT. IRON PIPE. ANDERSON TYPE "GC-115-7B" OR EQUIV.	LK5
5	GROUND CONNECTOR FOR #2 SOL. CU. WIRE TO #2 STD. WT. IRON PIPE. ANDERSON TYPE "GC-115" OR EQUIV.	LK4
6	GROUND CONNECTOR FOR #2 SOL. CU. WIRE TO 1/2" STD. WT. IRON PIPE. ANDERSON TYPE "GC-111-6B" (W/ LINGER BOLTS) OR EQUIV.	LK7
7	△ GROUND CONNECTOR FOR #2 SOL. CU. WIRE TO 1/4" STD. WT. IRON PIPE. ANDERSON TYPE "GC-111-6B" OR EQUIV.	
8	FLEXIBLE BOND, 1/4" x 1/2" (MINIMUM), ANDERSON TYPE "GB-200-5A" OR EQUIV.	LK6

* FOR GATES UP TO 12' USE 2 1/2", OVER 12' USE 3 1/2".

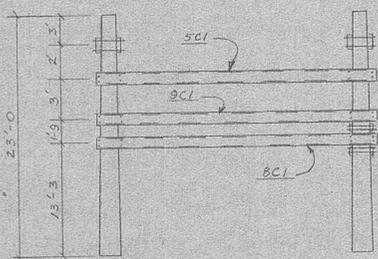
NOTES:

- △ NOT REQ'D FOR UTILITY SYS.
- (1) ALL NUTS TO BE INSTALLED ON INSIDE OF FENCED ENCLOSURE.
- (2) CABLE ENDS TO BE CUT OFF 1" PAST GROUND CLAMP.

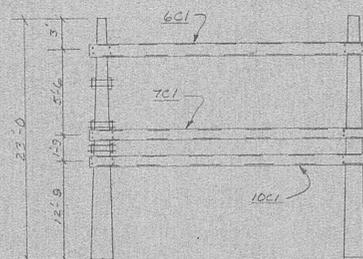
		WHITLOW ELECTRIC 203 WILLIAMS STREET ELLENSTON, GEORGIA 30635 404/283-5662	
		CUSTOMER	HARRIMAN UTILITY BOARD
TITLE	FENCE GROUNDING DETAILS	CUSTOMER P.O.	9544
SUBSTATION	CARDIFF VALLEY		
DATE	19 JAN 83	APPROVED BY	D.C.T.
SCALE	N.T.S.	DRAWING NUMBER	WE-82-688-A
REV. DATE	DESCRIPTION		



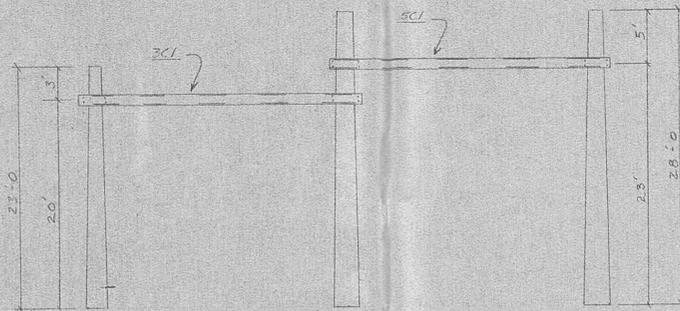
PLAN VIEW



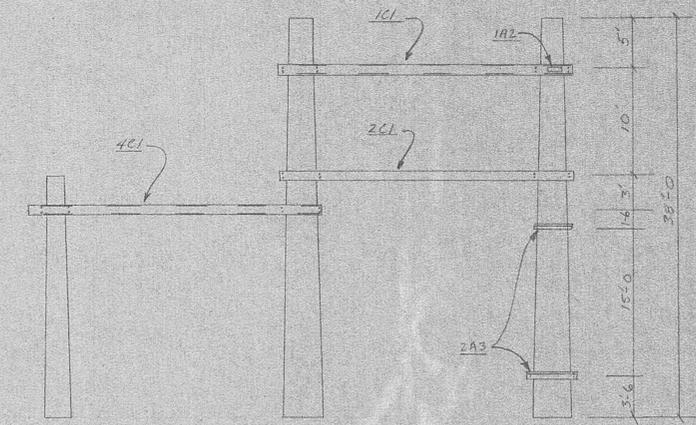
SECTION AA



SECTION BB



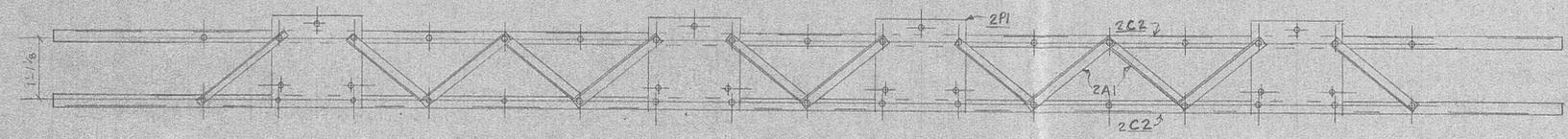
SECTION CC



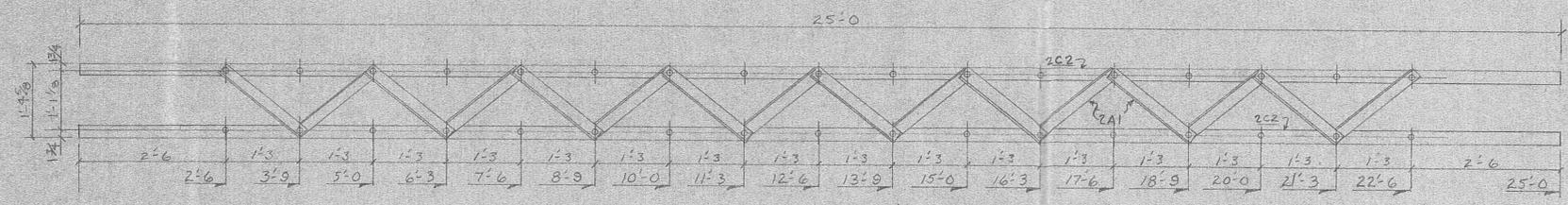
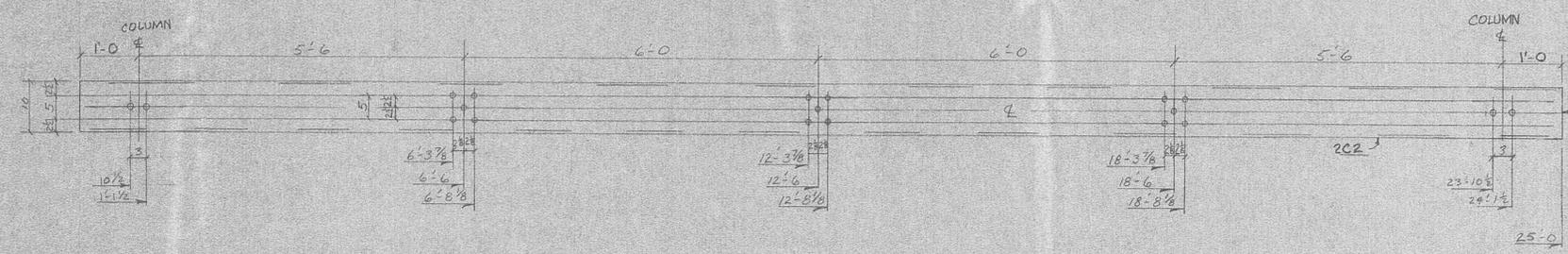
SECTION D-D

NOTE: ALL COLUMNS TAPERED CONCRETE, TO BE EMBEDDED 7' BELOW GRADE

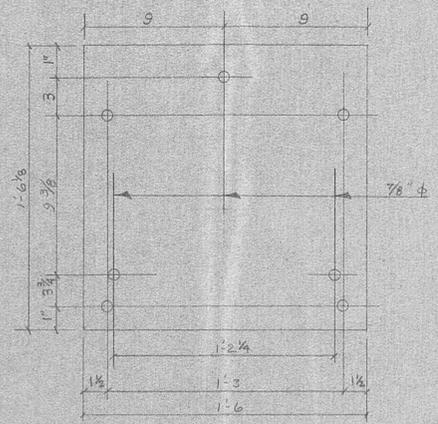
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		CUSTOMER		HARRIMAN UTILITY BOARD	
		TITLE		ERECTION DIAGRAM	
		SUBSTATION		CARDIFF VALLEY	
		DATE	APPROVED BY	DRAWN BY	DRAWING NUMBER
		18 JAN 83	[Signature]	J 12-21-82	WE-82-689-E1
REV. DATE	DESCRIPTION				



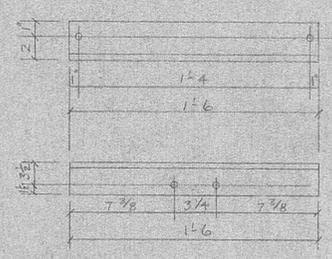
TOP VIEW



TRUSS "2C1"
BOTTOM VIEW



PL 1/2 x 1'-6 3/8 x 1/2 2P1



2A3

CONTROL HANDLE MTE (AT 3'-6" ABOVE GROUND ON COLUMN)

SHOP NOTES:

1. ALL HOLES 11/16 DIA. UNLESS NOTED

BILL OF MATERIAL

MARK	QUAN	DESCRIPTION	LENGTH
2C1	1	TRUSS COMPOSED OF:	
2C2	2	L-10 x 5.278	25'-0"
2A1	28	L-2 x 2 x 1/4	1'-3 1/8"
2P1	4	PL 1/2 x 1 1/4 THK	1'-6 3/8"
		EST. WT: LBS.	
		SHOP BOLTS (ALL ALUMINUM)	
	42	5/8 BOLT, NUT, L.W.	0'-1 3/4"
		FIELD BOLTS	
	9	3/4 BOLT, NUT, L.W.	0'-3"
	6	5/8 BOLT, NUT & L.W.	0'-1 3/4"
		MISC PIECES	
2A3	4	L-5 x 3 x 1/8 (GALV ST)	1'-6"
	4	5/8 DIA. THREADED ROD	1'-4"
	8	NUTS + L.W FOR ABOVE	

WE WHITLOW ELECTRIC
203 WILLIAMS STREET
ELBERTON, GEORGIA 30635
404/283-5662

CUSTOMER: HARRIMAN UTILITY BOARD

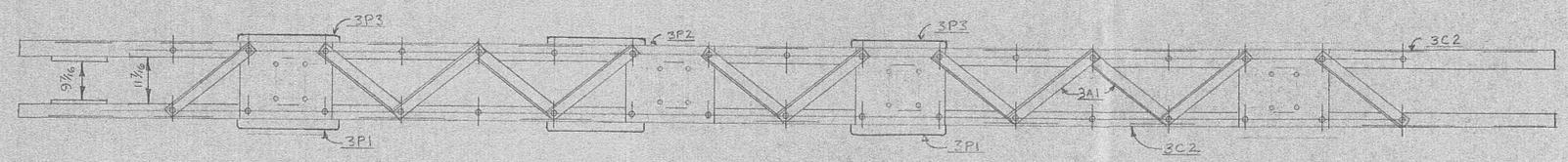
TITLE: ALUMINUM DETAILS CUSTOMER P.O.: 9544

SUBSTATION: CARDIFF VALLEY

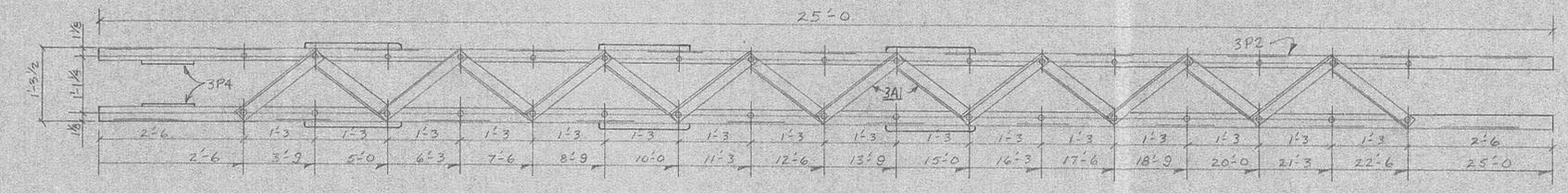
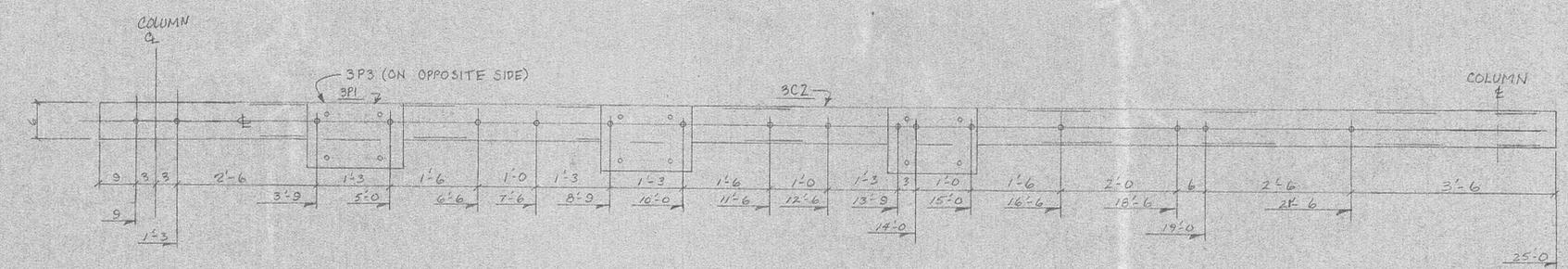
DATE: 19 DEC 82 APPROVED BY: [Signature] DRAWN BY: [Signature] DRAWING NUMBER: WE-82-689-02

SCALE: NTS

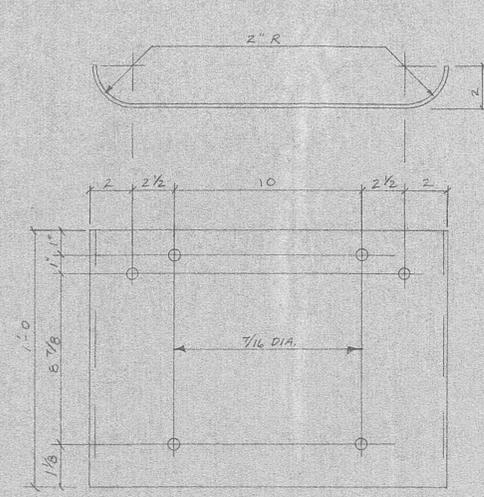
REV.	DATE	DESCRIPTION



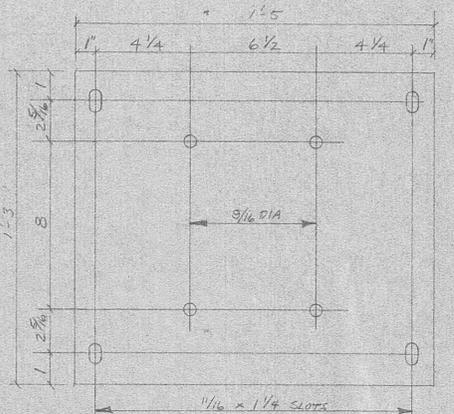
TOP VIEW TRUSS 3C1



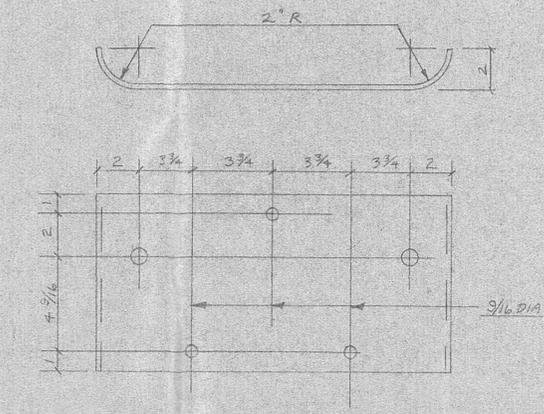
BOTTOM VIEW TRUSS 3C1



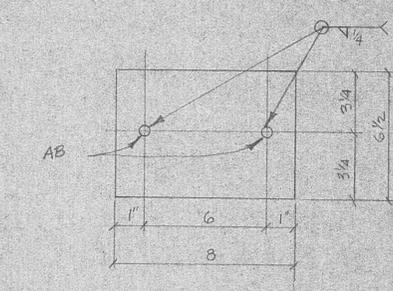
PL 1'-0" x 1'-9 1/4" x 1/4" MK 3P1
(PT. MOUNTING PLATE)



PL 1'-3" x 1'-5" x 1/4" MK 3P2
(CT. MOUNTING PLATE)



PL 8 3/4" x 1'-9 1/4" x 1/4" MK 3P3
(LA. MOUNTING PLATE)



3P4
SPACER FOR NARROW COLUMN

BILL OF MATERIAL

MARK	QUAN	DESCRIPTION	LENGTH
3C1	1	TRUSS COMPOSED OF THE FOLLOWING	
3C2	2	G.L @ 3.631	25'-0"
3A1	28	L2x2x1/4	1'-9 1/2"
3P1	3	PL 1'-1" x 1/4"	1'-9 1/4"
3P2	4	PL 1'-3" x 1/4"	1'-5"
3P3	3	PL 8 3/4" x 1/4"	1'-9 1/4"
3P4	2*	PL 6 1/2" x 1"	0'-8"
EST. WT.: 307 LBS.			
SHOP BOLTS (ALL ALUMINUM)			
43		5/8 BOLT, NUT, LW (AL)	0'-1 3/4"
12		5/8 BOLT, NUT & LW	0'-3"
AB	4*	3/8 BOLT, NUT, & LW	0'-3"
FIELD BOLTS			
21		1/2 BOLT, NUT, & LW	0'-1 3/4"
12		3/8 BOLT, NUT, & LW	0'-1 3/4"

SHOP NOTES:
1. ALL HOLES 11/16 DIA. UNLESS NOTED.

		WHITLOW ELECTRIC 203 WILLIAMS STREET ELBERTON, GEORGIA 30635 404/283-5662	
		CUSTOMER HARRIMAN UTILITY BOARD	
TITLE ALUMINUM DETAILS		CUSTOMER P.O. 9544	
SUBSTATION CARDIFF VALLEY SUBSTATION		DATE 19 DEC 02	
DATE 19 DEC 02		APPROVED BY 	DRAWN BY MTD
SCALE NTS		REV. DATE 1 THE BASE LINES	DRAWING NUMBER WF-82-683-D3