



# PROGRAM INFORMATION

LEVEL "F" SOFTWARE OR LATER

NUMBER of TRACKS	2	
TRACKS ASSIGNMENT	TRACK 1	TRACK 2
FREQUENCY	285 HZ	285 HZ
APPLICATION	UNI	UNI
TRANSMIT LEVEL	HIGH	HIGH
MODE of OPERATION	PRED	PRED
WARNING TIME	30	30
APP DISTANCE-SELECTED	3087	3087
APP DISTANCE-CALCULATED	*	*
UAX1 PU DELAY	NA	NA
UAX2/ENA PU DELAY	NA	NA
ISLAND DISTANCE	* 124'	0'
NUMBER of DAXS	1	
DAX "A" DISTANCE	0	NA
DAX "A" WARNING TIME	99	NA
DAX "B" DISTANCE	NA	NA
DAX "B" WARNING TIME	NA	NA
DAX "C" DISTANCE	NA	NA
DAX "C" WARNING TIME	NA	NA
DAX "D" DISTANCE	NA	NA
DAX "D" WARNING TIME	NA	NA
SLAVING	MASTER	
PASSWORD	DISABLED	
DATA RECORDER	INSTALLED	

# FUNCTION INFORMATION

TRACKS ASSIGNMENT	TRACK 1	TRACK 2
SWITCH TO MS/EZ LEVEL	10	10
TRANSFER DELAY MS>GCP	0	0
PRIME PRED OFFSET	0	0
PRIME PICKUP DELAY	15	
DAX "A" PICKUP DELAY	15	
DAX "B" PICKUP DELAY	0	
DAX "C" PICKUP DELAY	0	
DAX "D" PICKUP DELAY	0	
COMPENSATION VALUE	*( )*( )	
NUMBER OF TRACK WIRES	4	4

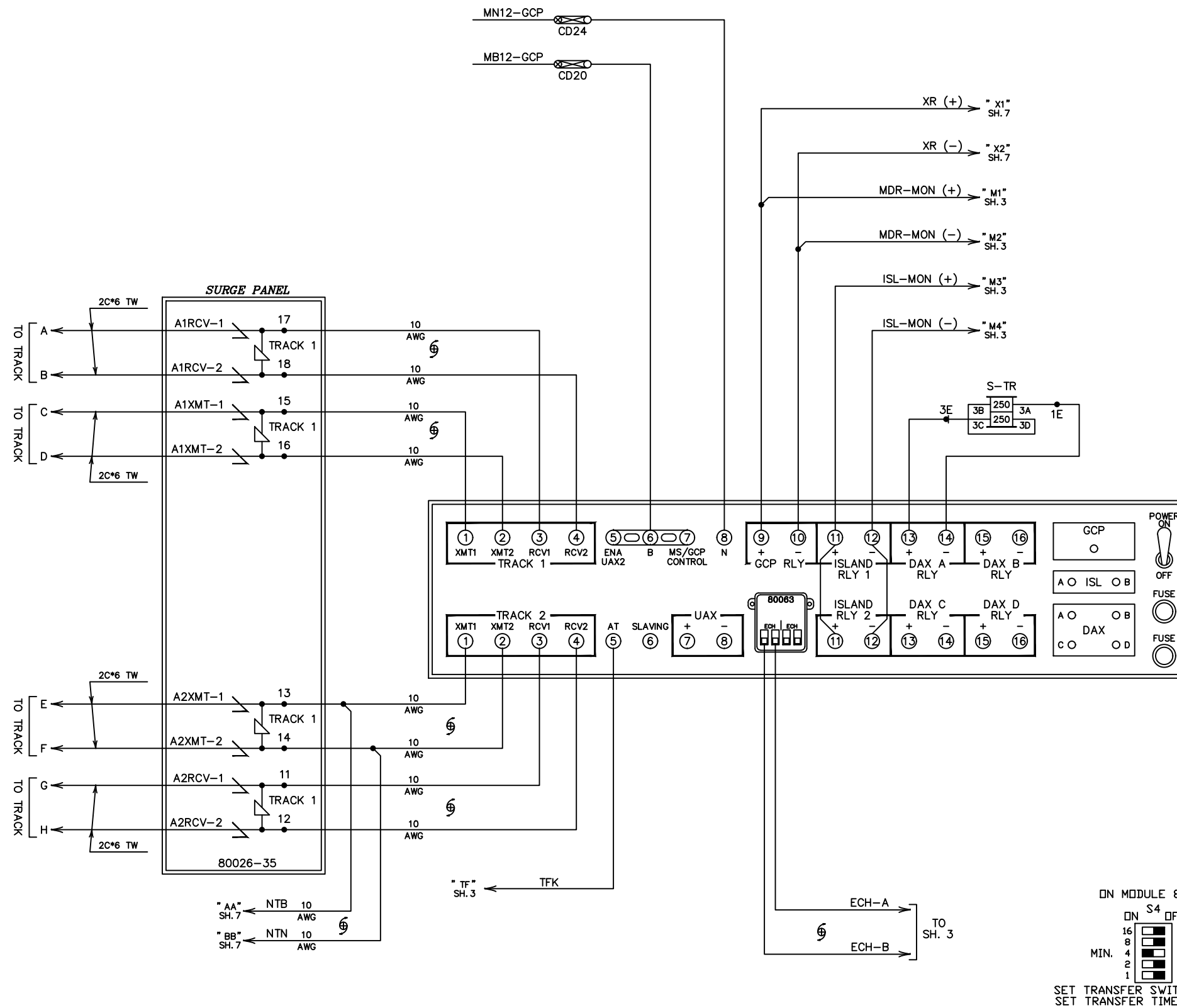
\* FIELD ADJUSTMENTS PER MANUFACTURER'S INSTRUCTION MANUAL

NOTES:

- 1.) DL= DEFAULT LEVEL
- NA= NDN APPLICABLE

## MODULE LIST

MAIN										SAFETRAN PART NO	
M1	M2	M3	M4	M5	M6	M7	M8	M9	M10		
80211-PI	80012	80012	80013	80214	80015	80016	80016	80020			
	VACANT										
STANDBY										SAFETRAN PART NO	
M11	M12	M13	M14	M15	M16	M17	M18	M19	M20		M21
80211-PI	80012	80012	80013	80214	80015	80016	80016	80020	80028		
	VACANT										
	ISLAND #1				PROCESSOR	DATA RECORDER	DAX MODULE #1	DAX MODULE #2	CTRL INTERFACE	TRANSFER TIMER	MODULE DESCRIPTION

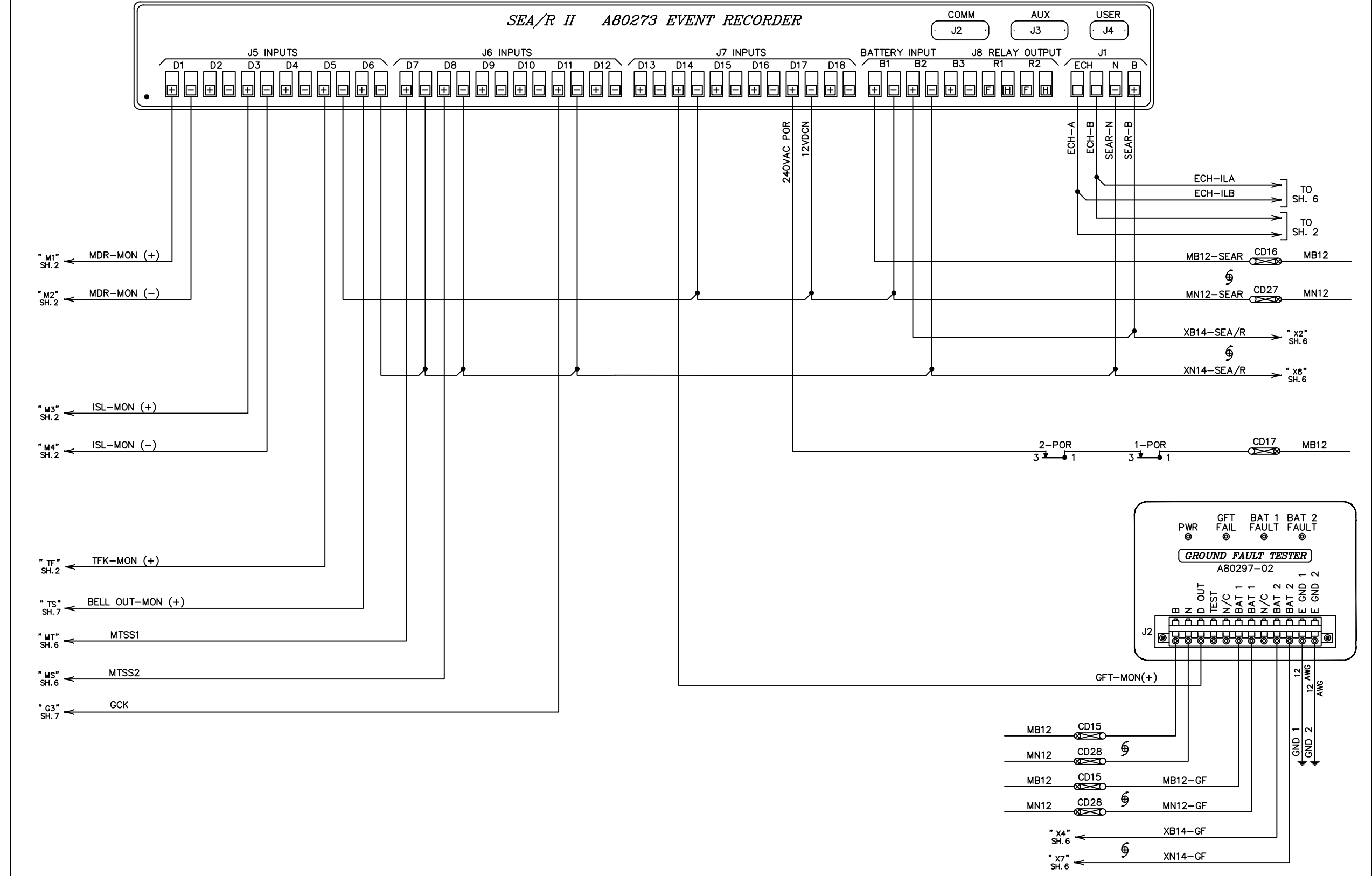


ON MODULE 80028  
 S4 OFF  
 16 8 4 2 1  
 MIN.  
 SET TRANSFER SWITCH TO AUTO  
 SET TRANSFER TIME FOR 4 MIN.

IN SERVICE DATE: 03-10-15 UPDATED				IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED				IN SERVICE DATE: 01-17-13 SEAR II UPGRADE				IN SERVICE DATE: 08-16-10 UPDATED				AS-INSTALLED 2/3/2010 AS-INSTALLED				DESIGNED 09-30-05 NEW CROSSING				DESIGNED 10-11-02 NEW CROSSING				REVISIONS				DRAWN: DSD DATE: 10-11-02				DWG NO. 010290X				2 SHEET OF 16			
COR: JAK				COR: TAM				COR: SKJ				COR: FWK				ARRC/BWL				DSD/TDK				DSD/MAT																			
0102_90x02c.dwg																October 03, 2005																											

The ALASKA RAILROAD CORPORATION  
 SIGNAL ENGINEERING P.O. BOX 107500, ANCHORAGE, AK 99510-7500  
 GUN CLUB ANCHORAGE, AK  
 RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM  
 DOT 868249T M.P. 102.90

SEA/R II A80273 EVENT RECORDER



IN SERVICE DATE: 03-10-15 UPDATED COR: JAK      CHK:				IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED COR: TAM      CHK:				IN SERVICE DATE: 01-17-13 SEAR II UPGRADE COR: SKJ      CHK:				IN SERVICE DATE: 08-16-10 UPDATED COR: FWK      CHK:				IN SERVICE DATE: 07-20-16 UPDATED COR: TRS      CHK:				AS-INSTALLED DATE: 2/3/2010 AS-INSTALLED ARRC/BWL      SEQ #				LAT: 61.081 LONG: -149.832 DESIGNED 10-11-02 NEW CROSSING DSD/MAT      SEQ #				REVISIONS				DRAWN: DSD DATE: 10-11-02				DWG NO. 010290X				SHEET 3 OF 16			
The ALASKA RAILROAD CORPORATION SIGNAL ENGINEERING      P.O. BOX 107500, ANCHORAGE, AK 99510-7500																GUN CLUB      ANCHORAGE, AK RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM DOT 868249T      M.P. 102.90																											

TO CONFIGURE SEAR II & SEAR III PRESS SITE SETUP KEY. USE  
ARROW KEYS TO MAKE SELECTION, PRESS ENTER AFTER  
SELECTION HAS BEEN MADE.

### SEAR II PROGRAMMING

PROGRAM MENU QUESTIONS	OPTIONS / RANGE	PROGRAM
SITE NAME?	STREET NAME	GUN CLUB
MILE POST?	MILEAGE	102.90
DOT/CROSSING ID #?		868 249T
TESTER TYPE?	CROSSING, WAYSIDE	CROSSING
AUTOMATIC DST ADJUSTMENT?	YES / NO	YES
TIME ZONE?	EASTERN,CENTRAL,MOUNTAIN, PACIFIC,ALASKA,HAWAII, ATLANTIC,SASKATCHEWAN, NEW FOUNDLAND	ALASKA
GMT OFFSET		N/A
DATE/TIME?	CURRENT DATE/TIME	
DATE FORMAT?	mm-dd-yyy, dd-mm-yyyy	dd-mm-yyyy
TEMPERATURE FORMAT?	FAHRENHEIT,CELSIUS	FAHRENHEIT
INDICATE HOLDOFF		0
SITE TYPE?	NO COM, BULLHORN,DIALUP, NODE,COLLECTOR	COLLECTOR
SITE ATCS ADDRESS?	7.RRR.LLL.GGG.99.01	70051002499901
OFFICE ATCS ADDRESS?	2.RRR.NN.DDDD	2005019101
OFFICE SITE ATCS ADDRESS? (WHEN SITE TYPE = NODE)	7.RRR.LLL.GGG.99.01	N/A
BACKUP SITE ATCS ADDRESS 1 (WHEN SITE TYPE = NODE)	7.RRR.LLL.GGG.99.01	N/A
BACKUP SITE ATCS ADDRESS 2 (WHEN SITE TYPE = NODE)	7.RRR.LLL.GGG.99.01	N/A
POLL ID? (WHEN SITE TYPE = COLLECTOR)	1-99	1
GEN/ATCS MODE? (WHEN SITE TYPE = COLLECTOR)	NORMAL, EXTENDED	GEN/ATCS
XID DISABLED? (WHEN SITE TYPE = COLLECTOR)	YES, NO	YES
OFFICE COMM. DEVICE? (WHEN SITE TYPE = COLLECTOR)	DIRECT (RS232) MCM (RS232) MCM (ECHELON) SPREAD SPEC (ECHELON) DIAL MODEM (RS232) S200 RADIO (RS422)	DIAL MODEM (RS232)
OFFICE COMM. PORT (WHEN SITE TYPE = RS232 OR RS422)	AUX, COMM	AUX
MCM ADDRESS (WHEN OFFICE COMM DEVICE = MCM)		N/A
OFFICE PHONE NUMBER (WHEN OFFICE COMM DEVICE = DIAL MODEM)	PHONE NUMBER OF WAMS	192.168.18.45
INIT STRING (WHEN OFFICE COMM DEVICE = DIAL MODEM)	OPTIONAL HAYES MODEM INITIALIZATION STRING	AT
FIELD COMM. DEVICE?	VHF COMM. (ECHELON), VHF COM.(RS232), SPREAD SPECTRUM(ECH), SPREAD SPECTRUM(RS232)	LOCATION SPECIFIC
USER PORT	BAUD,DATA BITS,PARITY, STOP BITS,FLOW CONTROL	57600,8,N,1,N
AUX PORT	BAUD,DATA BITS,PARITY, STOP BITS,FLOW CONTROL	9600,8,N,1,H
COMM PORT BAUD?	BAUD,DATA BITS,PARITY, STOP BITS,FLOW CONTROL	9600,8,N,1,N

PROGRAM MENU QUESTIONS	OPTIONS / RANGE	PROGRAM SEAR II
RESET NAMES/MODULES?	YES / NO	YES
RAILROAD NUMBER	1-999	005
CROSSING CONFIGURATION ?	STANDARD,ISLAND ONLY SPLIT GATE, LARGE REMOTE,CP COLLECTOR	STANDARD
NUMBER OF XR INPUTS	0-4	1
NUMBER OF ISL INPUTS	0-4	1
CONSTANT WARNING DEVICE	NONE, GCP, OTHER	GCP
TOTAL NUMBER OF GCP NODES	1-7	1
NUMBER OF REDUNDANT GCP'S	0-3	NONE
CROSSING CONTROLLER 1	NONE, SCC IIIA/PLUS SSCCIV, SSCCII, SSCCIII OTHER	SSCC IIIA/PLUS
CROSSING CONTROLLER 2	NONE, SCC IIIA/PLUS SSCCIV, SSCCII, SSCCIII OTHER	NONE
POK2	NO/YES	YES
TLITE FUNCTION	TLITE ONLY,TLITE/POK2	TLITE/POK2
MAIN/STANDBY	NO/YES	YES
AUXILARY TRACKS	0-2	0
ENTRANCE GATES	0-4	2
EXIT GATES	0-2	0
GATES NOT STARTING TIME (SECONDS)	10-20	15
NUMBER OF UAX INPUTS	0-2	0
BATTERY BANKS	1-6	2
PREMPTION	NORMAL,ADVANCED,NO	NO
VHF COMMUNICATOR	YES / NO	NO
DTMF ACTIVATION	YES / NO	N/A
ACTIVATION CODE	1-999	N/A
ACTIVATION TIMEOUT(SEC)	30-600	N/A
ILOD MODULES	0-4	2
ANY LED BULBS USED	NO / YES	YES
AUTO INSPECTIONS	YES / NO	NO
BELL SENSORS	0-8	1
BELL SENSOR INPUT 4	NO / YES	NO
BELL SENSOR INPUT 5	NO / YES	NO
BELL SENSOR INPUT 6	NO / YES	NO
BELL SENSOR INPUT 7	NO / YES	YES
BELL SENSOR INPUT 8	NO / YES	NO
BELL SENSOR INPUT 9	NO / YES	NO
BELL SENSOR INPUT 10	NO / YES	NO
BELL SENSOR INPUT 11	NO / YES	NO
BELL ON	GATES LOWERING, GATES MOVING,	ALWAYS
GATE TIP SENSORS	YES / NO	YES
GFT'S	YES / NO	YES
BATTERIES ON GFT'S	1-2	2
VHF VOICE CHANNEL	1-8	N/A
VHF DATA CHANNEL	1-8	N/A
FULL APPROACH MOVE ALARMS	ACTIVATE, DO NOT ACTIVATE	DO NOT ACTIVATE

PROGRAM MENU QUESTIONS	PROGRAM
EDIT DIGITAL INPUTS	NO
EDIT BATTERIES	NO
EDIT RELAYS	NO
EDIT INDICATOR LEDS	NO
EDIT TEST LEDS	NO
EDIT ILOD SENSORS	NO
EDIT VHF SETTINGS	NO

YOU WILL NOW SEE A MESSAGE "PLEASE WAIT COMPILING STAGE 2"  
CONTINUE TO NEXT PROGRAM MENU QUESTIONS.

YOU WILL NOW SEE A MESSAGE "PLEASE WAIT COMPILING STAGE 1"  
CONTINUE TO NEXT PROGRAM MENU QUESTIONS.

**The ALASKA RAILROAD CORPORATION**  
SIGNAL ENGINEERING P.O. BOX 107500, ANCHORAGE, AK 99510-7500

LAT: 61.081
LONG: -149.832
IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED COR: TAM CHK:
IN SERVICE DATE: 01-17-13 SEAR II UPGRADE COR: SKJ CHK:

<b>GUN CLUB</b> RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM DOT 868249T	<b>ANCHORAGE, AK</b> M.P. 102.90
REVISIONS	DRAWN: <b>DSD</b> DATE: 10-11-02
DWG NO. <b>010290X</b>	4 SHEET OF 16

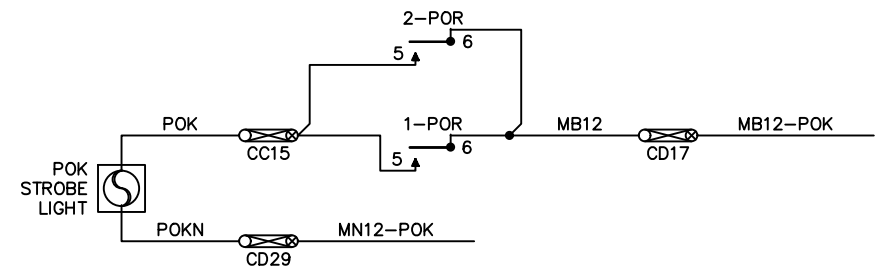
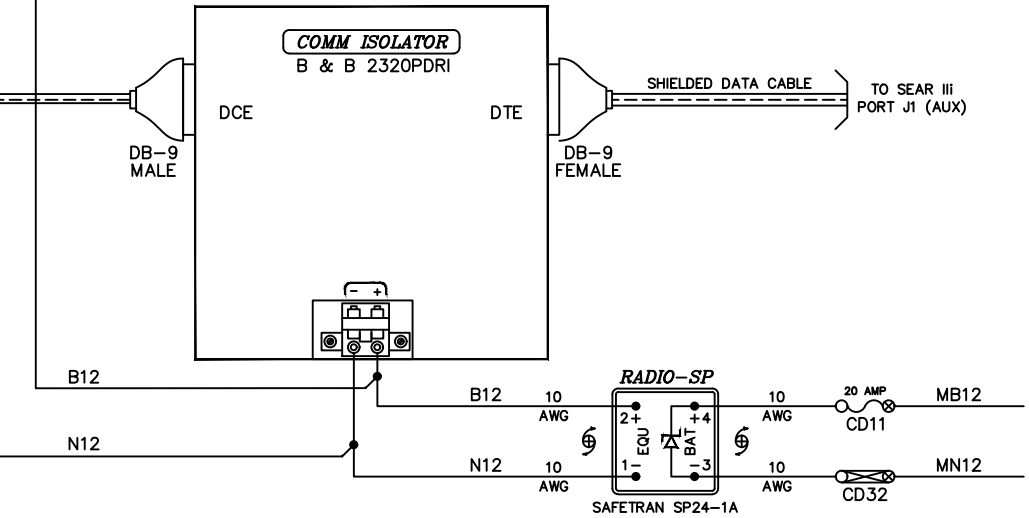
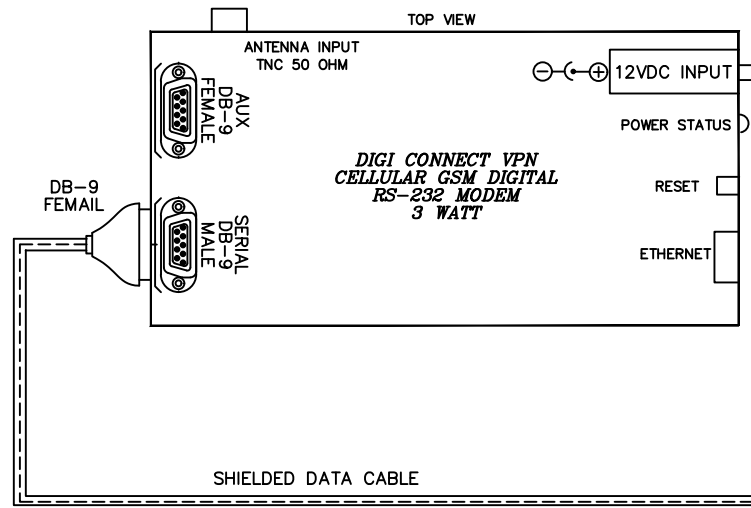
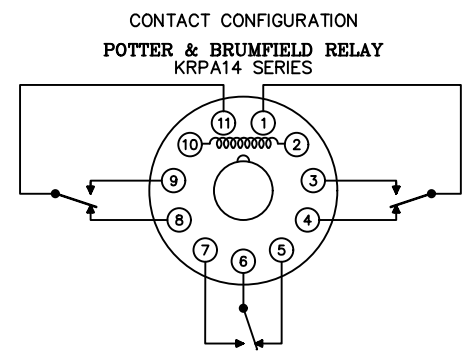
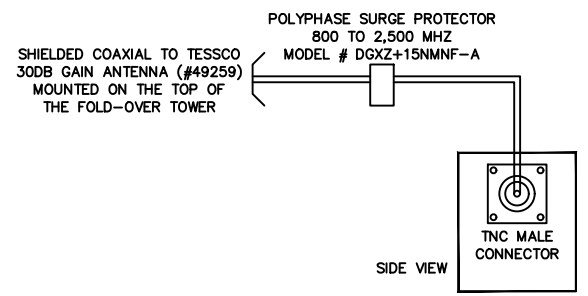
IN SERVICE DATE: 07-20-16 UPDATED COR: TRS CHK:
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IN SERVICE DATE: 03-10-15 UPDATED COR: JAK CHK:
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IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED COR: TAM CHK:
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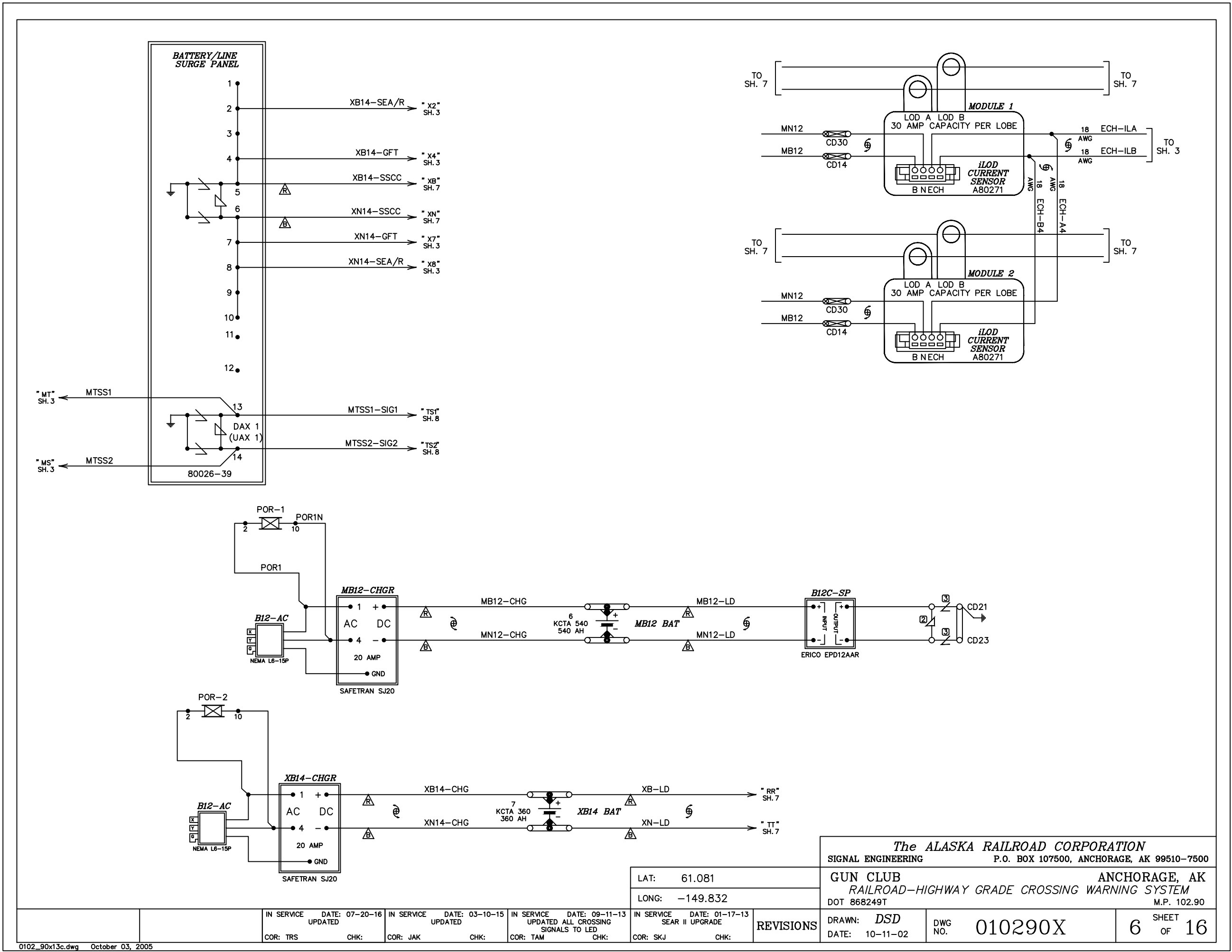
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REVISIONS
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<i>The ALASKA RAILROAD CORPORATION</i>	
SIGNAL ENGINEERING	P.O. BOX 107500, ANCHORAGE, AK 99510-7500
GUN CLUB	ANCHORAGE, AK
RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM	
DOT 868249T	M.P. 102.90
LAT: 61.081	REVISIONS
LONG: -149.832	DRAWN: DSD
IN SERVICE DATE: 07-20-16	DATE: 10-11-02
IN SERVICE DATE: 03-10-15	DWG NO. 010290X
IN SERVICE DATE: 09-11-13	5 SHEET
IN SERVICE DATE: 01-17-13	OF 16
SEAR II UPGRADE	

IN SERVICE DATE: 07-20-16 UPDATED COR: TRS	IN SERVICE DATE: 03-10-15 UPDATED COR: JAK	IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED COR: TAM	IN SERVICE DATE: 01-17-13 SEAR II UPGRADE COR: SKJ
CHK:	CHK:	CHK:	CHK:



IN SERVICE DATE: 07-20-16 UPDATED	IN SERVICE DATE: 03-10-15 UPDATED	IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED	IN SERVICE DATE: 01-17-13 SEAR II UPGRADE
COR: TRS	COR: JAK	COR: TAM	COR: SKJ
CHK:	CHK:	CHK:	CHK:

REVISIONS
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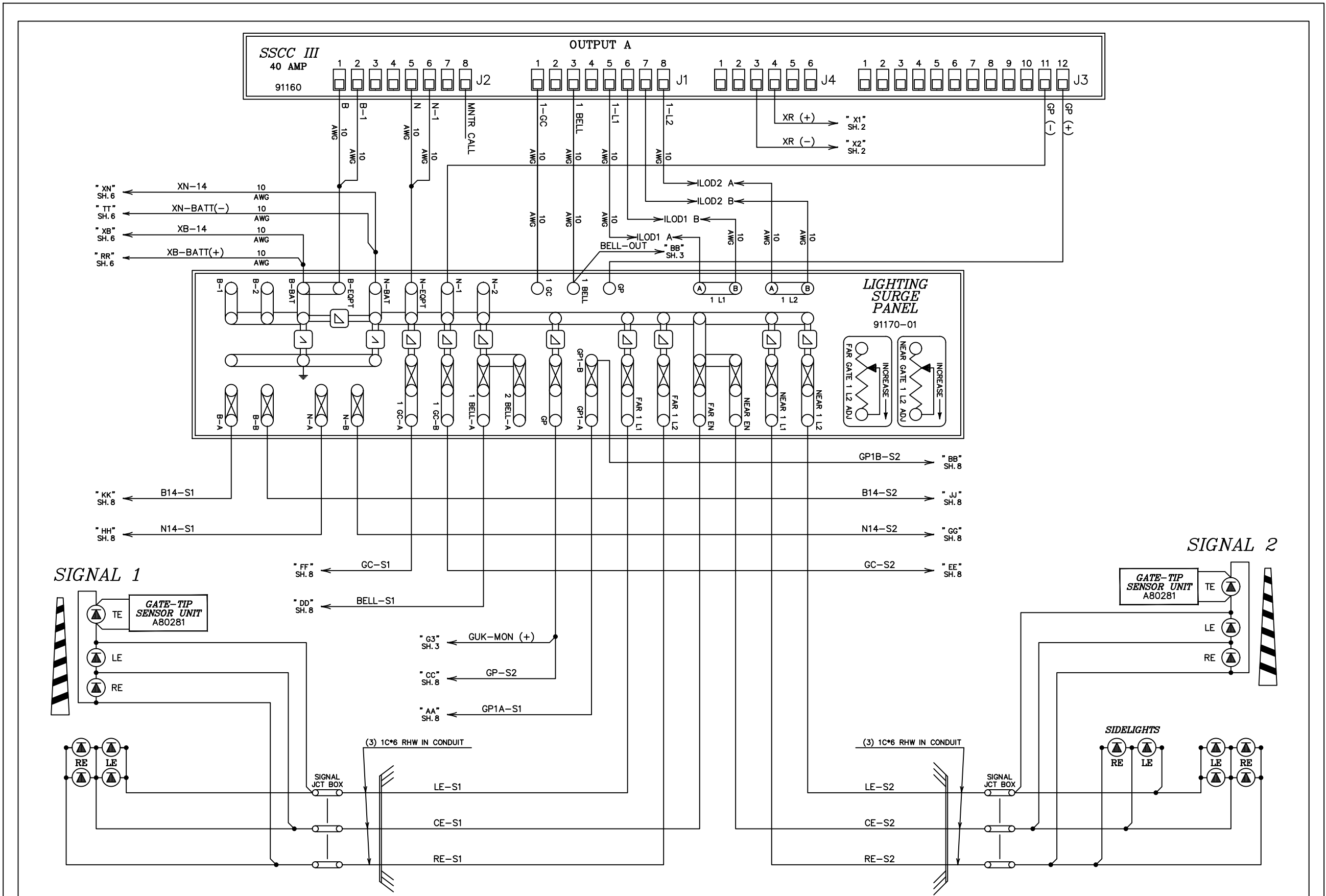
**GUN CLUB ANCHORAGE, AK**  
 RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM  
 DOT 868249T M.P. 102.90

LAT: 61.081  
 LONG: -149.832

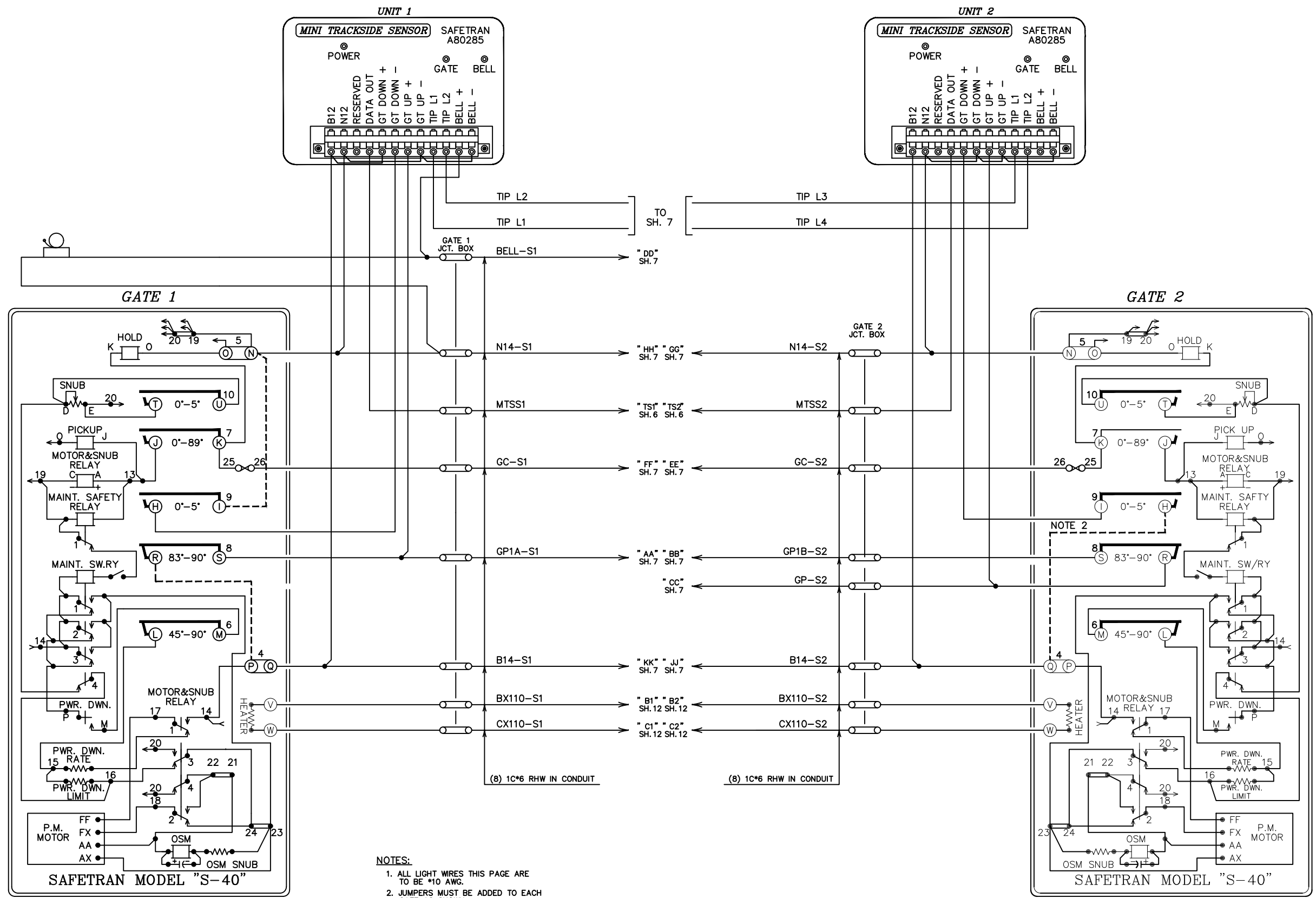
DRAWN: DSD  
 DATE: 10-11-02

DWG NO. 010290X

6 SHEET OF 16



IN SERVICE DATE: 03-10-15 UPDATED COR: JAK      CHK:				IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED COR: TAM      CHK:				IN SERVICE DATE: 01-17-13 SEAR II UPGRADE COR: SKJ      CHK:				IN SERVICE DATE: 08-16-10 UPDATED COR: FWK      CHK:				IN SERVICE DATE: 07-20-16 UPDATED COR: TRS      CHK:				AS-INSTALLED 2/3/2010 AS-INSTALLED ARR/C/BWL      SEQ #				DESIGNED 10-11-02 NEW CROSSING DSD/MAT      SEQ #				REVISIONS				LAT: 61.081 LONG: -149.832				THE ALASKA RAILROAD CORPORATION SIGNAL ENGINEERING P.O. BOX 107500, ANCHORAGE, AK 99510-7500				GUN CLUB ANCHORAGE, AK RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM DOT 868249T M.P. 102.90				DRAWN: DSD DATE: 10-11-02				DWG NO. 010290X				7 SHEET OF 16			
0102_90x04c.dwg      October 03, 2005																																																							



**NOTES:**

1. ALL LIGHT WIRES THIS PAGE ARE TO BE #10 AWG.
2. JUMPERS MUST BE ADDED TO EACH GATE AS SHOWN.
3. MINI TRACKSIDE SENSORS MOUNTED IN GATE MECHANISMS.

**LEGEND**

⊗ TWISTED WIRE TWO TURNS PER FOOT

IN SERVICE DATE: 07-20-16 UPDATED	COR: TRS	CHK:
IN SERVICE DATE: 03-10-15 UPDATED	COR: JAK	CHK:

IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED	COR: TAM	CHK:
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IN SERVICE DATE: 01-17-13 SEAR II UPGRADE	COR: SKJ	CHK:
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IN SERVICE DATE: 8-06-2010 UPDATED	DES: DSD/	COR: FWK/
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AS-INSTALLED 2/3/2010 AS-INSTALLED	ARRC/BWL	SEQ #
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LAT: 61.081	DESIGNED 10-11-02 NEW CROSSING
LONG: -149.832	DSD/MAT SEQ #

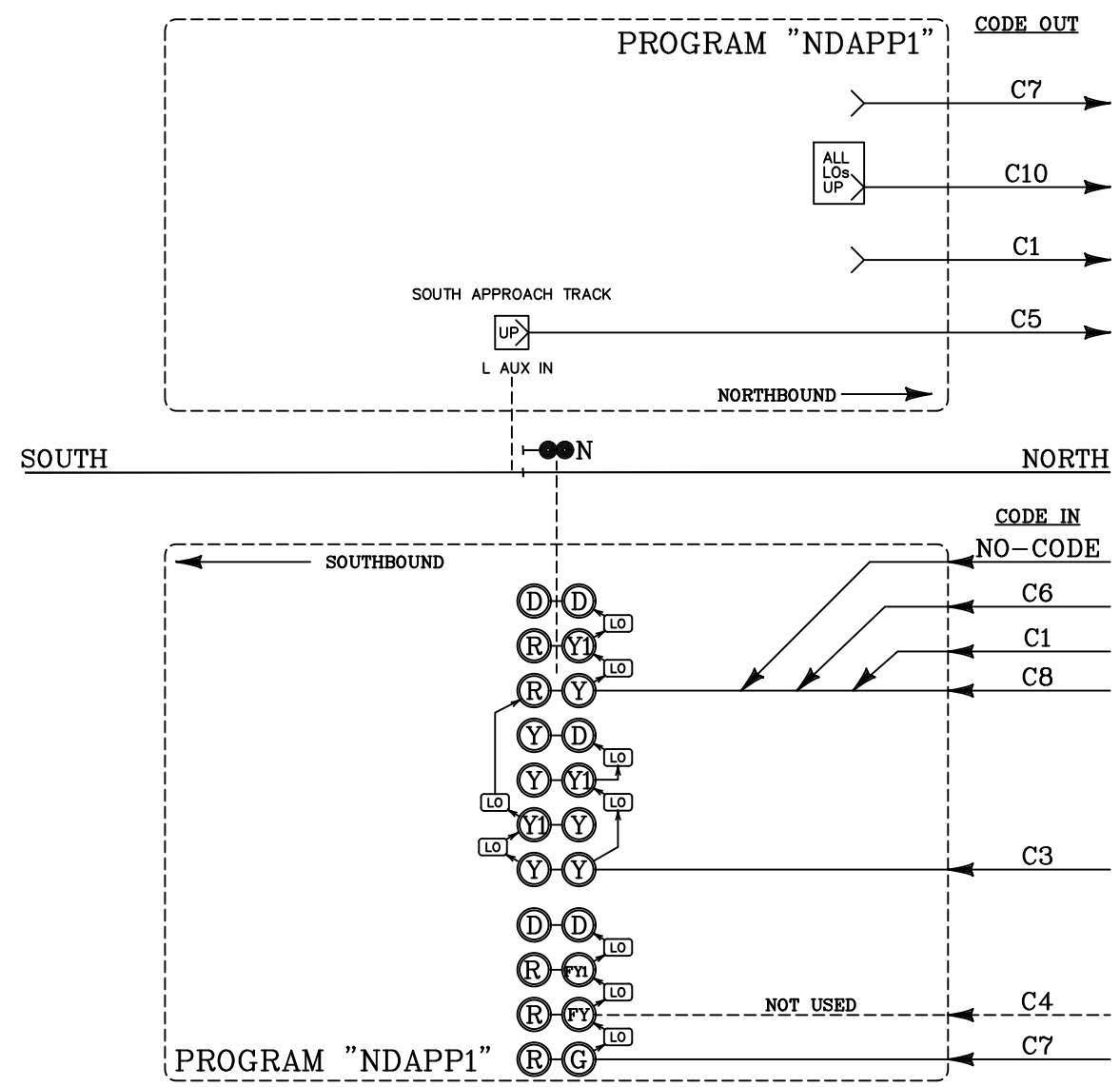
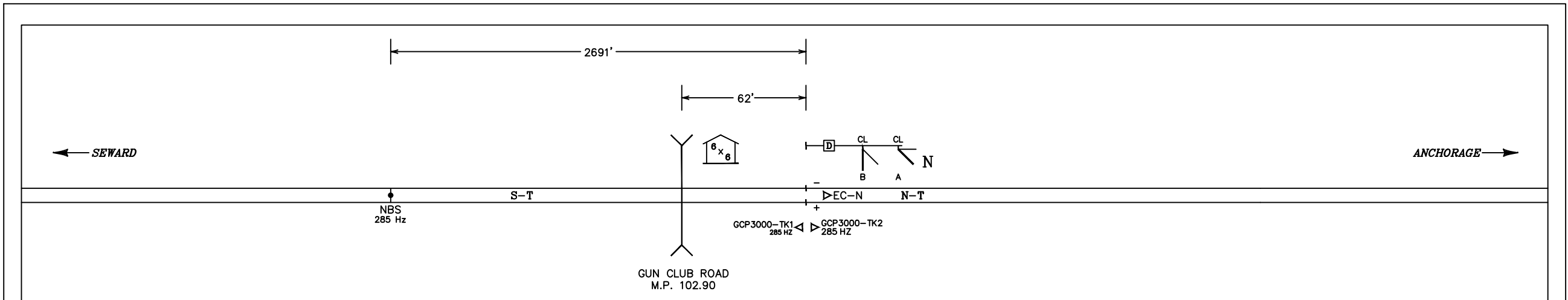
**REVISIONS**

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SIGNAL ENGINEERING P.O. BOX 107500, ANCHORAGE, AK 99510-7500

**GUN CLUB ANCHORAGE, AK**  
RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM  
DOT 868249T M.P. 102.90

DRAWN: DSD	DWG NO. 010290X	8 SHEET OF 16
DATE: 10-11-02		

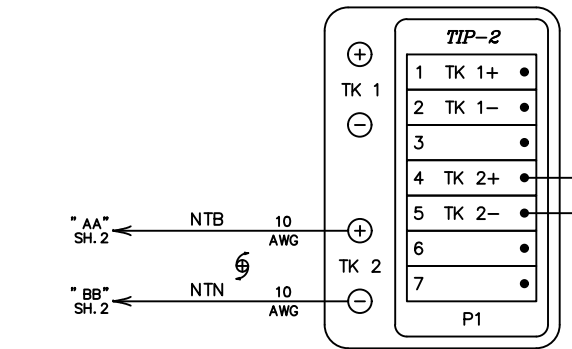
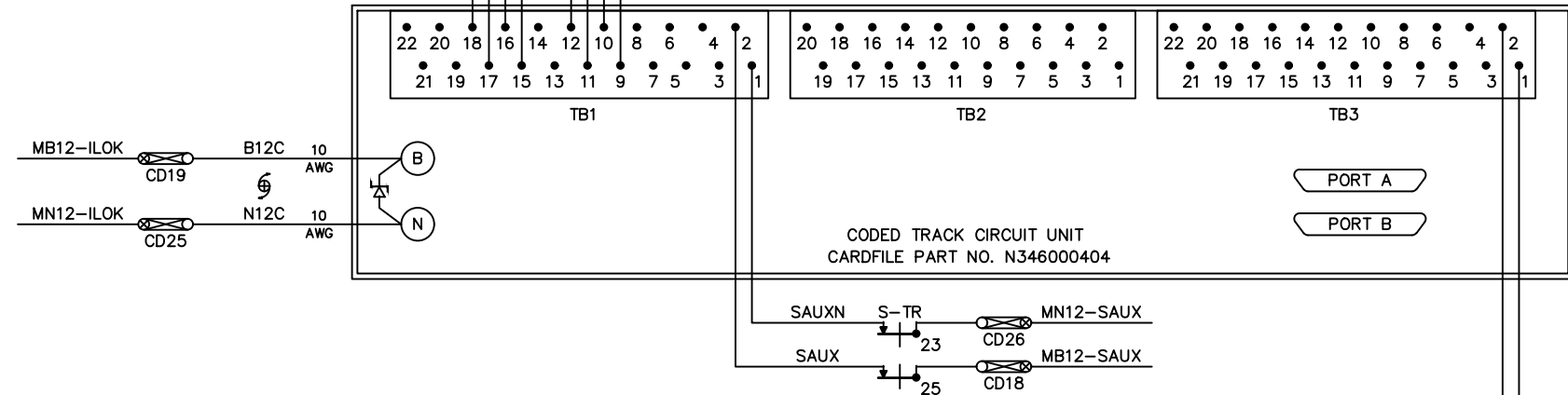
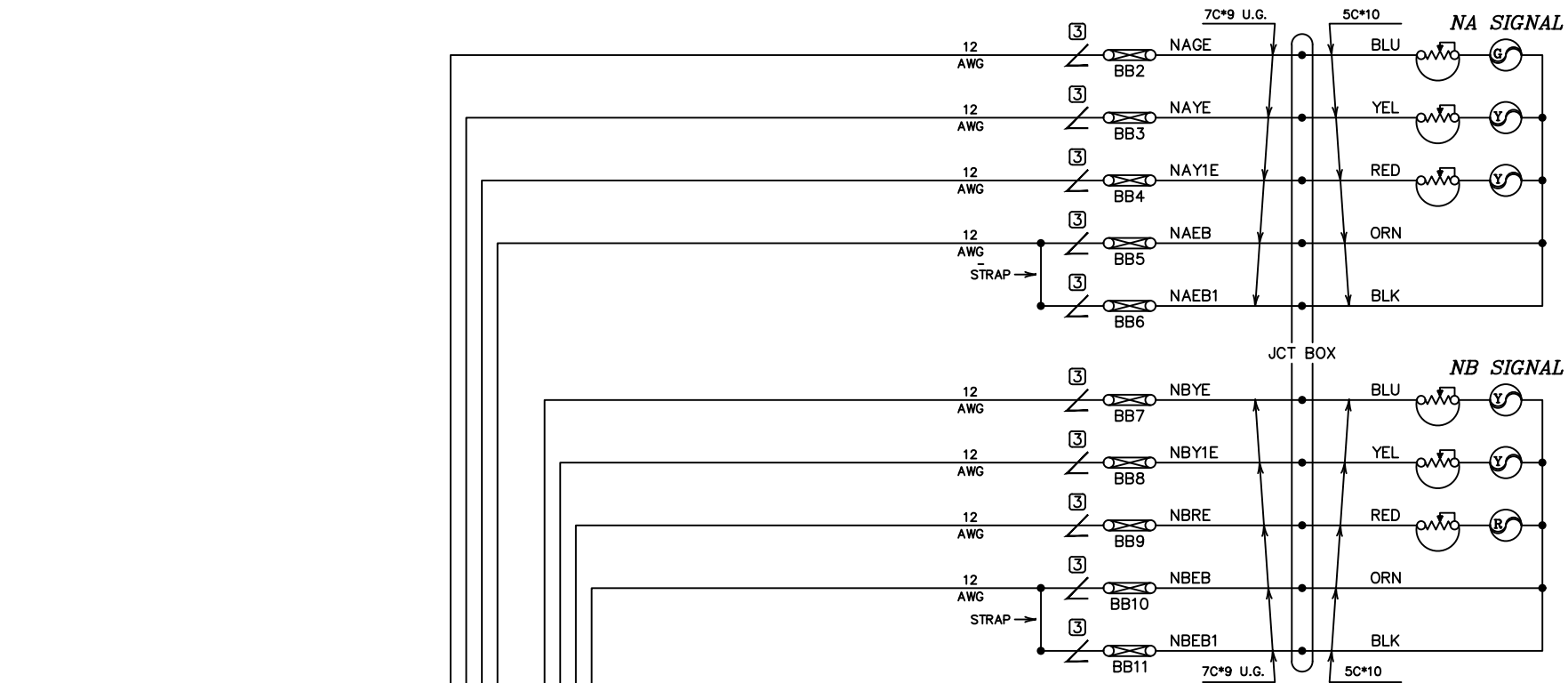




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The ALASKA RAILROAD CORPORATION SIGNAL ENGINEERING      P.O. BOX 107500, ANCHORAGE, AK 99510-7500																GUN CLUB RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM DOT 868249T      ANCHORAGE, AK M.P. 102.90																															

TRACK 1  
**ILOK INTERMEDIATE**  
 ILOK PROGRAM: "NDAPP1"  
 CKSUM "4FB5"

COLOR LIGHT DRIVER ADDRESS	ENABLE
SLOT 1	X
COLOR LIGHT DRIVER ADDRESS	ENABLE
SLOT 2	
ISOLATED I/O ADDRESS	ENABLE
SLOT 3	
ECODE ADDRESS	ENABLE
SLOT 4	X



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**GUN CLUB ANCHORAGE, AK**  
 RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM  
 DOT 868249T M.P. 102.90

LAT: 61.081  
 LONG: -149.832

DESIGNED: 09-30-05  
 INSTALL MICROLOCK II  
 DSD/TDK

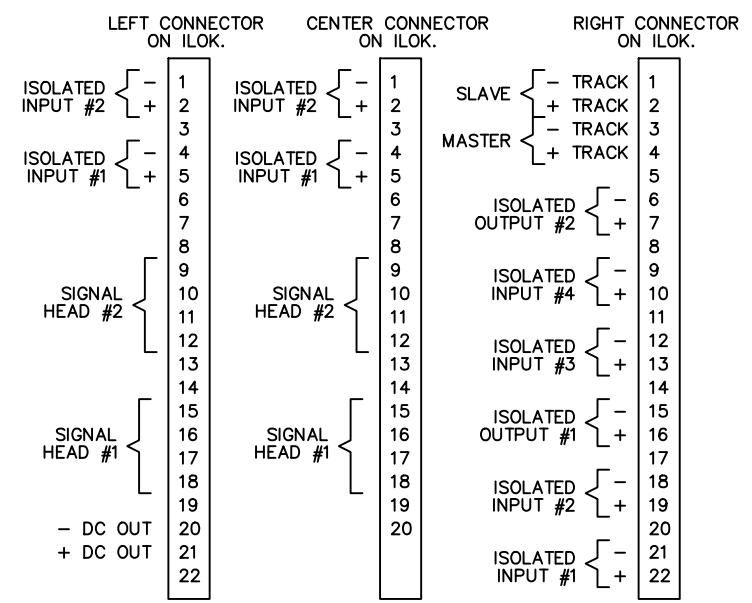
REVISIONS

DRAWN: **DSD**  
 DATE: 09-30-05

DWG NO. **010290X**

10 SHEET OF 16

IN SERVICE DATE: 03-10-15 UPDATED	IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED	IN SERVICE DATE: 01-17-13 SEAR II UPGRADE	IN SERVICE DATE: 08-16-10 UPDATED	IN SERVICE DATE: 07-20-16 UPDATED	LAT: 61.081	REVISIONS	DRAWN: <b>DSD</b> DATE: 09-30-05	DWG NO. <b>010290X</b>	10 SHEET OF 16
COR: JAK CHK:	COR: TAM CHK:	COR: SKJ CHK:	COR: FWK CHK:	COR: TRS AS-INSTALLED 2/3/2010 CHK: AS-INSTALLED	LONG: -149.832				



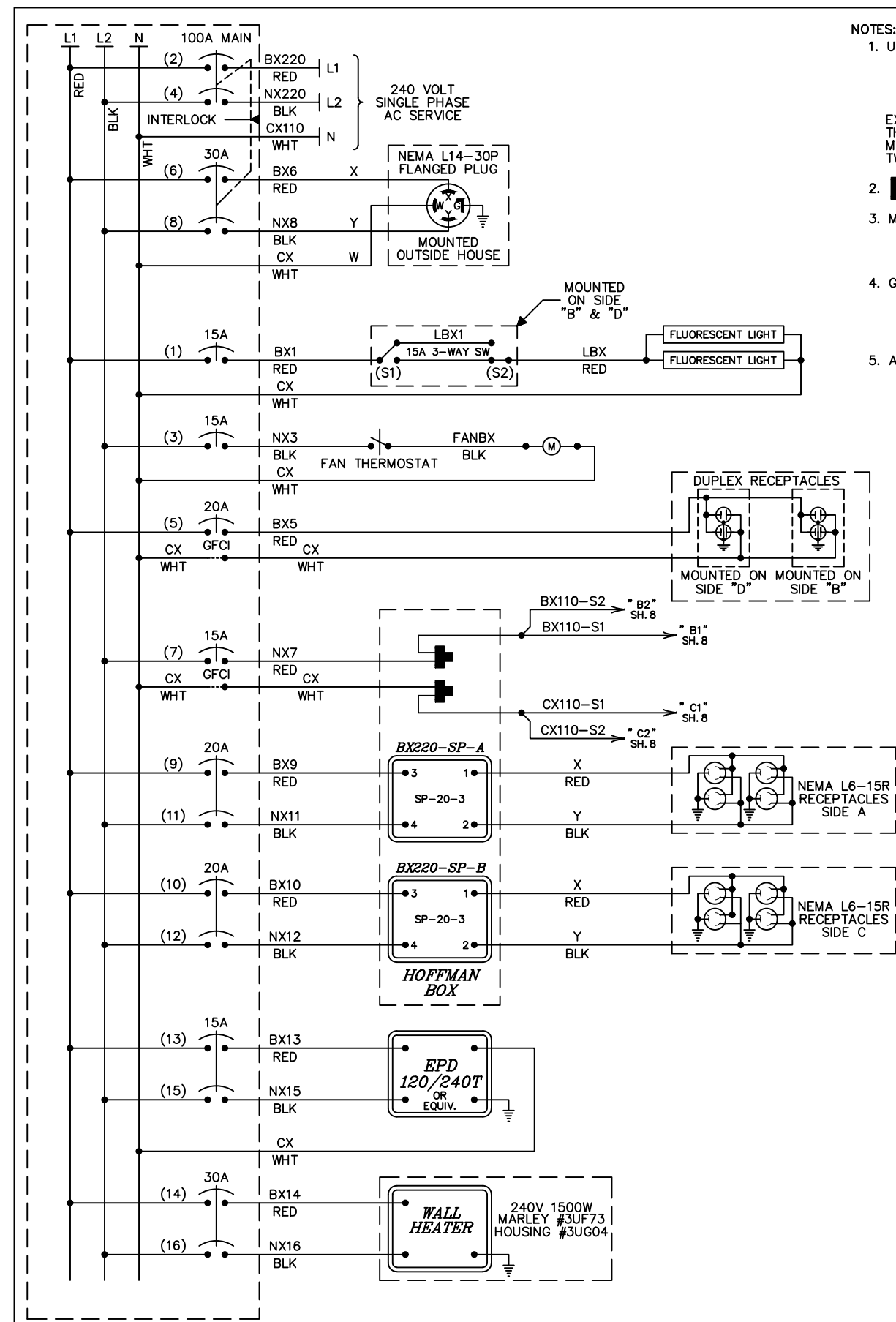
CONFIGURE BOARDS		
COLORLIGHT BOARD 1	DESCRIPTION	SETTING
	ENABLE	SET
	SELECTIVE SHUTDOWN	CLEAR
	LAMP WATTAGES	SET ALL ACTIVE LAMPS TO 18 WATT
	LAMP MODE	SET ALL ACTIVE LAMPS TO MODE 1
COLORLIGHT BOARD 2	DESCRIPTION	SETTING
	ENABLE	CLEAR
	SELECTIVE SHUTDOWN	CLEAR
	LAMP WATTAGES	SET ALL ACTIVE LAMPS TO 18 WATT
	LAMP MODE	SET ALL ACTIVE LAMPS TO MODE 1
ISO BOARD	ENABLE	CLEAR
	SELECTIVE SHUTDOWN	CLEAR
ECODE BOARD	ENABLE	SET
	SELECTIVE SHUTDOWN	CLEAR
SIDE A (NORTH)	ENABLE	SET
	CODE 5	ALTERNATING
	CODE M	CLEAR
	CODE GROUP	FREIGHT
SIDE B (SOUTH)	ENABLE	CLEAR
	CODE 5	ALTERNATING
	CODE M	SET
	CODE GROUP	FREIGHT
AUX INPUTS	1 = SIGLAMP	SET = (APPROACH LIGHT SIGNAL)

USER DEFINED VARIABLES		
DESCRIPTION	SETTING	BIT
TRANSMIT CODE 5 NORTH WITH SAUX = TRUE	SET	NC5
TRANSMIT CODE M NORTH WITH LIGHT OUTS = TRUE & GENK = FALSE	SET	NCM
ENABLE CONSTANT LIGHTING	CLEAR	CONSLGT
TUMBLE NORTH TRACK WITH SAUX FALSE	CLEAR	APPLK
ENABLE CODE 3 FOR NORTHBOUND Y/Y	SET	NY Y
ENABLE CODE 2 FOR NORTHBOUND Y/L	CLEAR	NYL

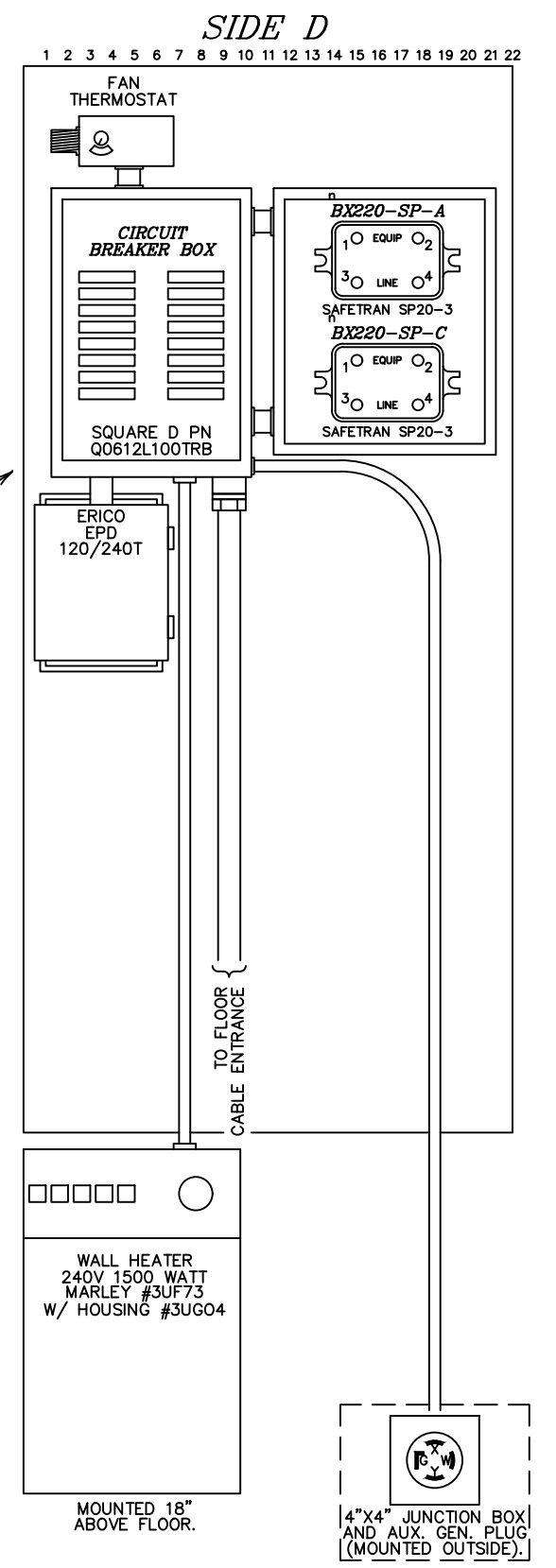
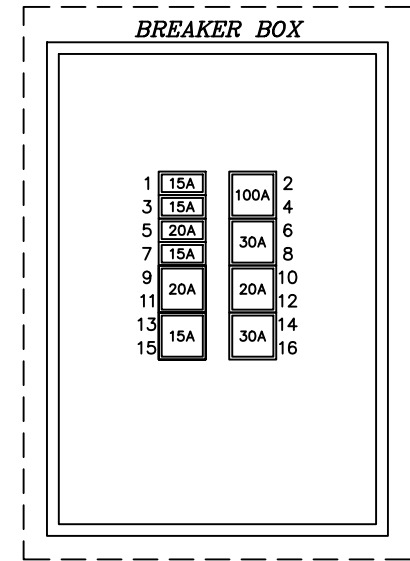
GENERAL SYSTEM CONFIGURATION		
EVENT CLASS LOGGING THRESHOLDS	DESCRIPTION	SETTING
	ALL THRESHOLDS	SET to 1
TIMING	LOGIC TIME OUT (ms)	1000
	DELAY RESET (ms)	0
PC CONFIGURATION	DEBUG PORT ADDRESS	1
	DEBUG PORT SPEED	9600

SET (1) = CHECKED, CLEAR (0) = NOT CHECKED

IN SERVICE DATE: 03-10-15 UPDATED COR: JAK      CHK:				IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED COR: TAM      CHK:				IN SERVICE DATE: 01-17-13 SEAR II UPGRADE COR: SKJ      CHK:				IN SERVICE DATE: 08-16-10 UPDATED COR: FWK      CHK:				IN SERVICE DATE: 07-20-16 UPDATED COR: TRS      CHK:				IN SERVICE DATE: 2/3/2010 AS-INSTALLED AS-INSTALLED ARRC/BWL				LAT: 61.081 LONG: -149.832				DESIGNED 09-09-05 INSTALL MICROLOCK II DSD/TDK				<b>REVISIONS</b>				DRAWN: DSD DATE: 09-30-05				DWG NO. 010290X				SHEET 11 OF 16			
The ALASKA RAILROAD CORPORATION SIGNAL ENGINEERING      P.O. BOX 107500, ANCHORAGE, AK 99510-7500 GUN CLUB      ANCHORAGE, AK RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM DOT 868249T      M.P. 102.90																																															



- NOTES:**
- USE THE FOLLOWING COLOR CODE:  
 GRN - GREEN - SAFETY EQUIPMENT GROUND  
 WHT - WHITE - CX110 (NEUTRAL)  
 BLK - BLACK - NX220 (L2)  
 RED - RED - BX220 (L1)
  - = WIRE NUT
  - MINIMUM WIRE SIZE  
 10 AMP - NO. 14 AWG THHN OR THWN SOLID  
 20 AMP - NO. 12 AWG THHN OR THWN SOLID  
 30 AMP - NO. 10 AWG THHN OR THWN SOLID
  - GROUND FAULT INTERRUPT (GFCI) MUST BE USED ON ALL CIRCUITS SERVING CONVENIENCE OUTLETS AND ANY EQUIPMENT OUTSIDE THE BUNGALOW. RECEPTACLE MOUNTED OUTSIDE THE BUNGALOW. RECEPTACLE MOUNTED GFCI MAY BE USED INSTEAD OF BREAKER TYPE.
  - ALL GROUND WIRES RUN TO BREAKER BOX GROUND BUSS



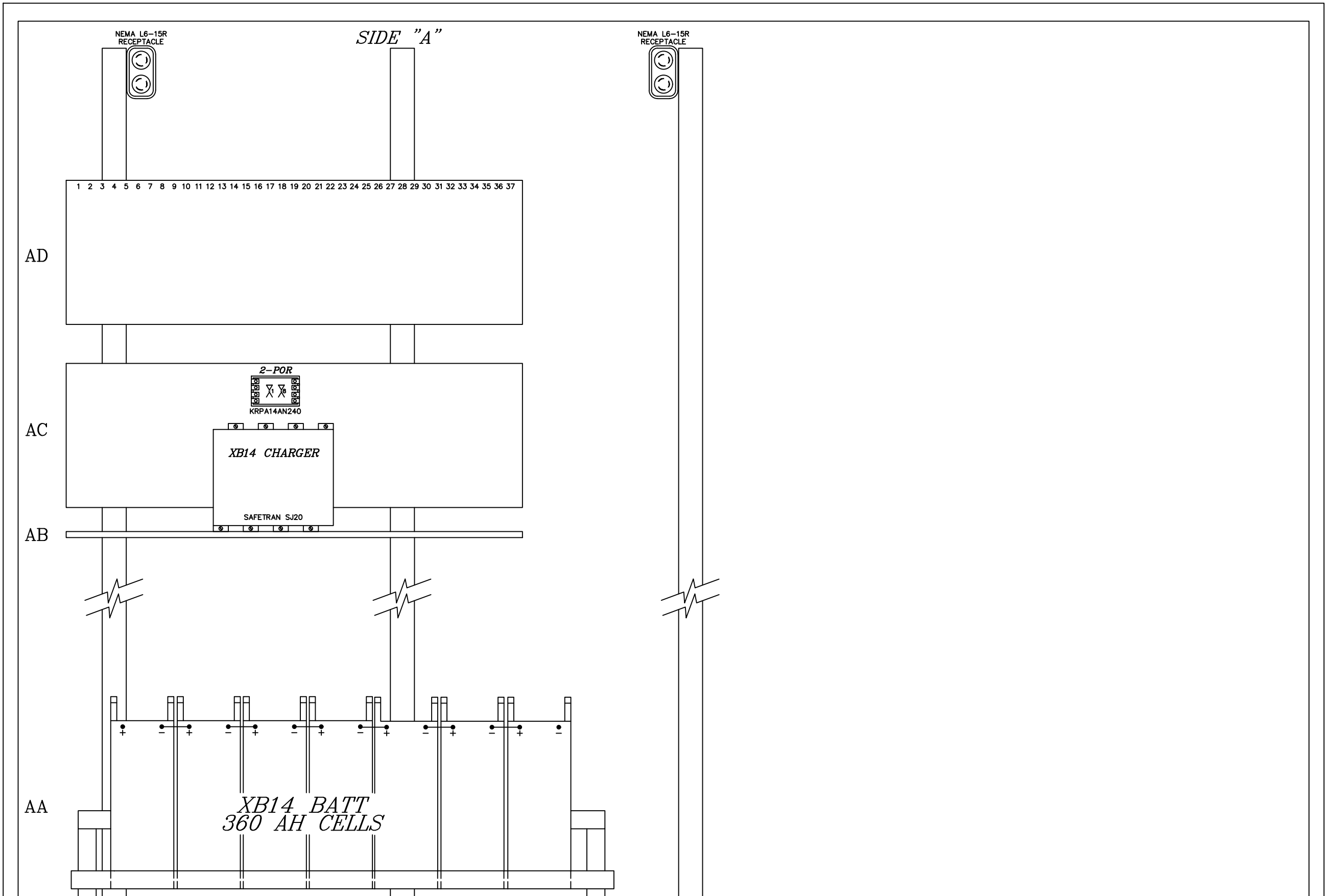
IN SERVICE DATE: 03-10-15 UPDATED	IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED	IN SERVICE DATE: 01-17-13 SEAR II UPGRADE	IN SERVICE DATE: 08-16-10 UPDATED
COR: JAK	CHK: TAM	COR: SKJ	CHK: FWK

IN SERVICE DATE: 07-20-16 UPDATED	LAT: 61.081
COR: TRS	LONG: -149.832
CHK: 2/3/2010	DESIGNED 10-11-02 NEW CROSSING
ARRC/BWL	DSD/MAT

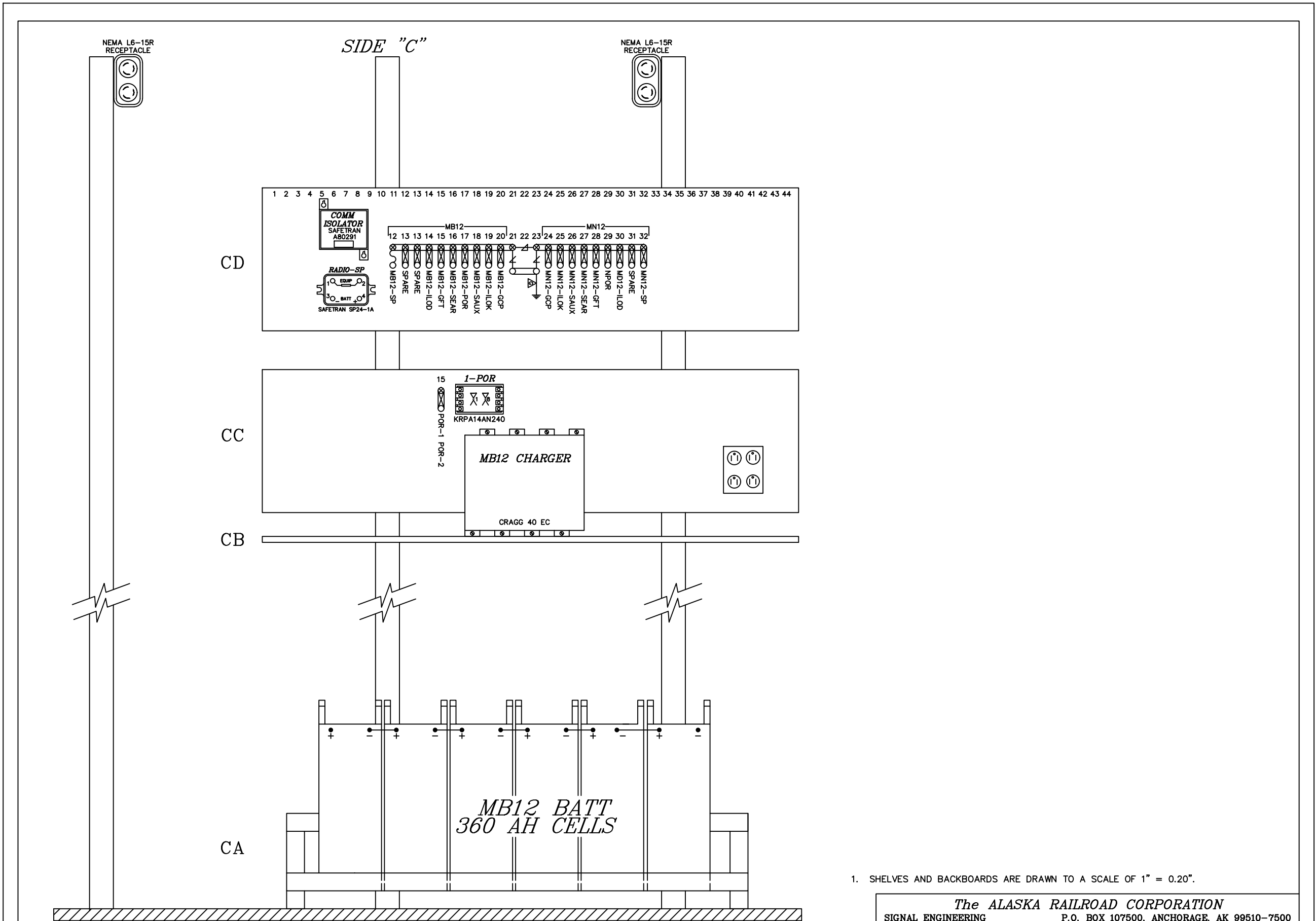
**The ALASKA RAILROAD CORPORATION**  
 SIGNAL ENGINEERING P.O. BOX 107500, ANCHORAGE, AK 99510-7500

**GUN CLUB ANCHORAGE, AK**  
 RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM  
 DOT 868249T M.P. 102.90

DRAWN: DSD	DWG NO. 010290X	12 SHEET OF 16
DATE: 10-11-02		



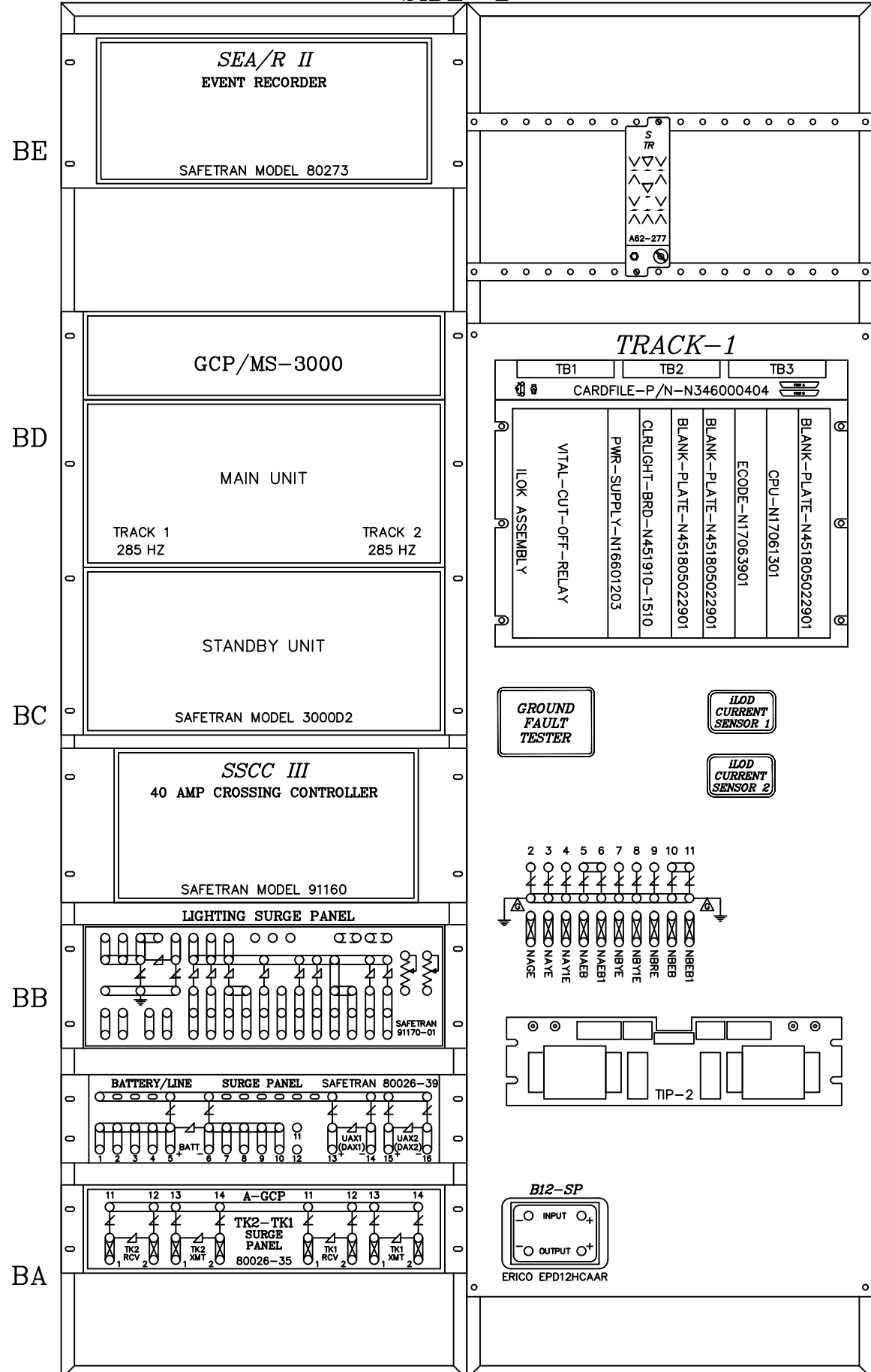
				<i>The ALASKA RAILROAD CORPORATION</i>		SIGNAL ENGINEERING		P.O. BOX 107500, ANCHORAGE, AK 99510-7500	
				GUN CLUB		ANCHORAGE, AK		RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM	
				DOT 868249T		M.P. 102.90			
IN SERVICE DATE: 03-10-15 UPDATED	IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED	IN SERVICE DATE: 01-17-13 SEAR II UPGRADE	IN SERVICE DATE: 08-16-10 UPDATED	IN SERVICE DATE: 07-20-16 UPDATED	LAT: 61.081	REVISIONS		DESIGNED NEW CROSSING	DRAWN: <i>DSD</i>
COR: JAK CHK:	COR: TAM CHK:	COR: SKJ CHK:	COR: FWK CHK:	COR: TRS CHK:	LONG: -149.832			AS-INSTALLED AS-INSTALLED	DESIGNED NEW CROSSING
				ARRC/BWL SEQ #	DSD/MAT SEQ #			DWG NO. 010290X	13 SHEET OF 16
0102_90x10c.dwg October 03, 2005									



1. SHELVES AND BACKBOARDS ARE DRAWN TO A SCALE OF 1" = 0.20".

IN SERVICE DATE: 03-10-15 UPDATED COR: JAK      CHK:				IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED COR: TAM      CHK:				IN SERVICE DATE: 01-17-13 SEAR II UPGRADE COR: SKJ      CHK:				IN SERVICE DATE: 08-16-10 UPDATED COR: FWK      CHK:				IN SERVICE DATE: 07-20-16 UPDATED COR: TRS      CHK:				IN SERVICE DATE: 09-09-05 INSTALL MICROLOCK II DSD/TDK      SEQ #				DESIGNED 10-11-02 NEW CROSSING DSD/MAT      SEQ #				REVISIONS				DRAWN: DSD DATE: 10-11-02				DWG NO. 010290X				SHEET 14 OF 16			
The ALASKA RAILROAD CORPORATION SIGNAL ENGINEERING      P.O. BOX 107500, ANCHORAGE, AK 99510-7500																GUN CLUB      ANCHORAGE, AK RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM DOT 868249T      M.P. 102.90																											

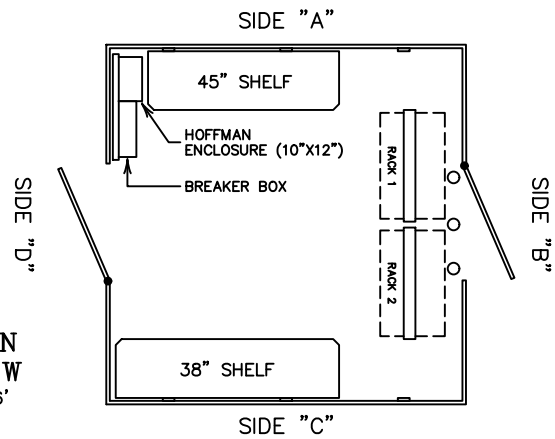
SIDE "B"



RELAY CROSS REFERENCE

GRS	SAFETRAN
A62-277	400004

ARRC  
SAFETRAN  
BUNGALOW  
SIZE 6' x 6'



IN SERVICE DATE: 07-20-16  
UPDATED

COR: TRS CHK:

IN SERVICE DATE: 03-10-15  
UPDATED

COR: JAK CHK:

IN SERVICE DATE: 09-11-13  
UPDATED ALL CROSSING  
SIGNALS TO LED

COR: TAM CHK:

IN SERVICE DATE: 01-17-13  
SEAR II UPGRADE

COR: SKJ CHK:

IN SERVICE DATE: 08-16-10  
UPDATED

COR: FWK CHK:

AS-INSTALLED 2/3/2010  
AS-INSTALLED

ARRC/BWL SEQ #

DESIGNED 09-09-05  
INSTALL MICROLOCK II

DSD/TDK SEQ #

LAT: 61.081

LONG: -149.832

DESIGNED 10-11-02  
NEW CROSSING

DSD/MAT SEQ #

REVISIONS

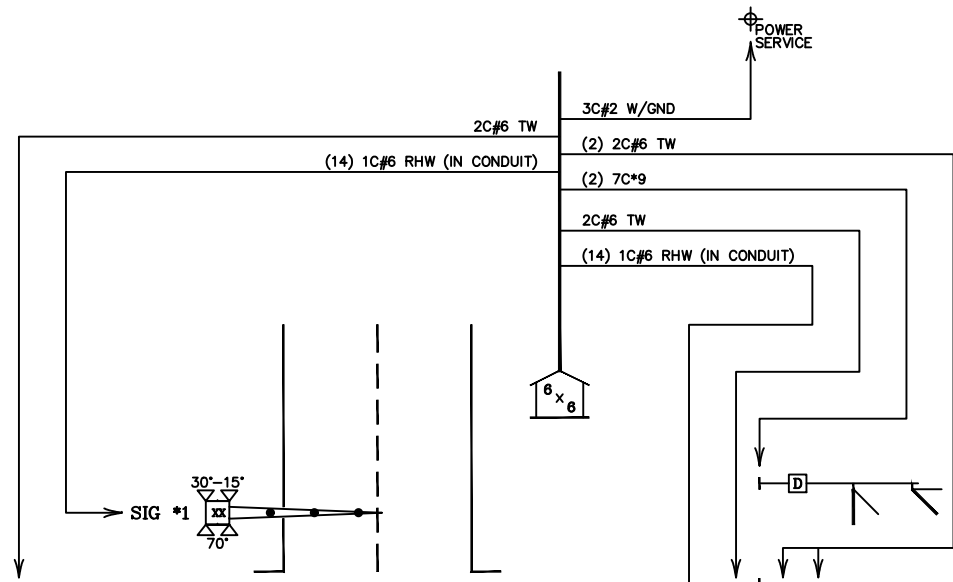
The ALASKA RAILROAD CORPORATION  
SIGNAL ENGINEERING P.O. BOX 107500, ANCHORAGE, AK 99510-7500

GUN CLUB ANCHORAGE, AK  
RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM  
DOT 868249T M.P. 102.90

DRAWN: DSD  
DATE: 10-11-02

DWG NO. 010290X

15 SHEET  
OF 16



GUN CLUB  
DOT 868 249 T  
MP 102.90

				IN SERVICE DATE: 07-20-16 UPDATED COR: TRS                      CHK:		LAT: 61.081 LONG: -149.832		<i>The ALASKA RAILROAD CORPORATION</i> SIGNAL ENGINEERING                      P.O. BOX 107500, ANCHORAGE, AK 99510-7500	
				DESIGNED 09-09-05 INSTALL MICROLOCK II DSD/TDK                      SEQ #		DESIGNED 10-11-02 NEW CROSSING DSD/MAT                      SEQ #		<b>GUN CLUB</b> <b>ANCHORAGE, AK</b> RAILROAD-HIGHWAY GRADE CROSSING WARNING SYSTEM DOT 868249T                      M.P. 102.90	
IN SERVICE DATE: 03-10-15 UPDATED COR: JAK                      CHK:	IN SERVICE DATE: 09-11-13 UPDATED ALL CROSSING SIGNALS TO LED COR: TAM                      CHK:	IN SERVICE DATE: 01-17-13 SEAR II UPGRADE COR: SKJ                      CHK:	IN SERVICE DATE: 08-16-10 UPDATED COR: FWK                      CHK:	REVISIONS	DRAWN: <i>DSD</i> DATE: 10-11-02	DWG NO. 010290X	16 SHEET OF 16		
0102_90x13c.dwg      October 03, 2005									