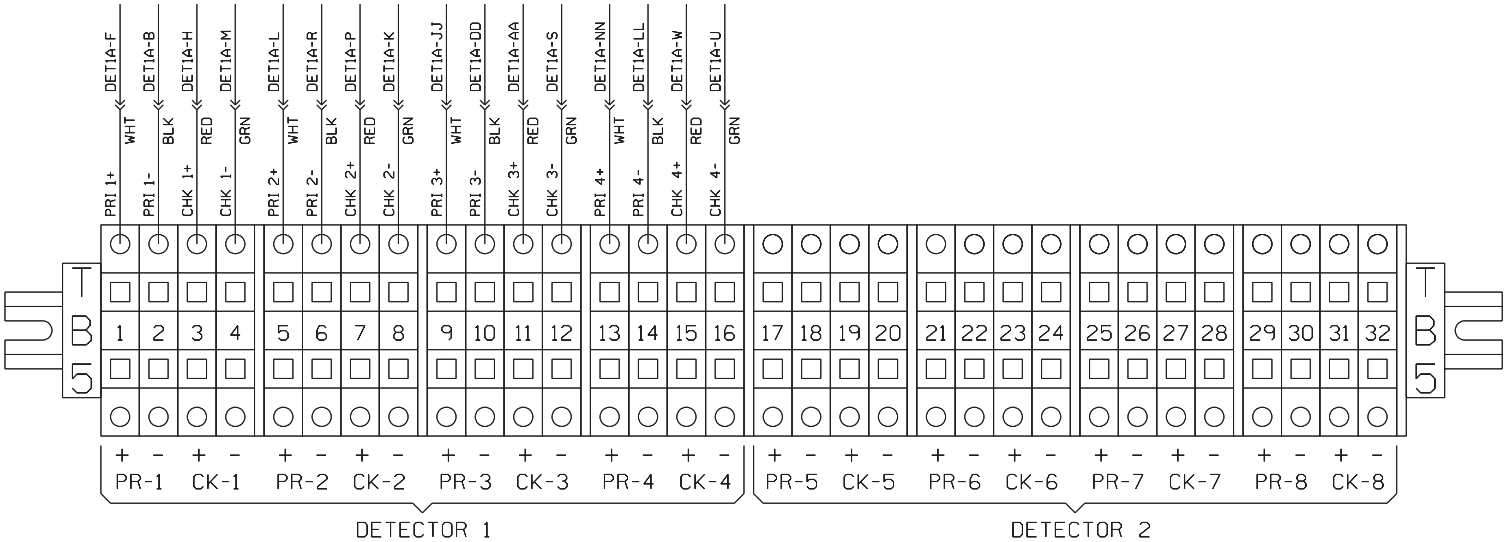
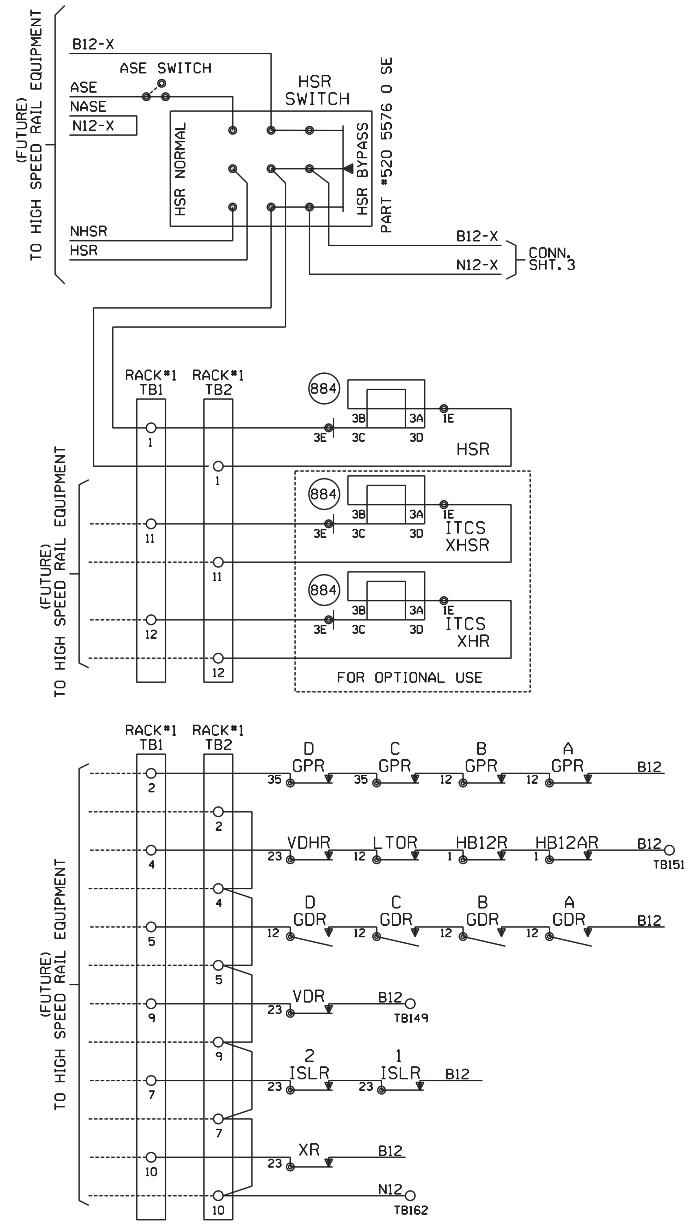

DET1A-F WHT PRI 1+
DET1A-B BLK PRI 1-
DET1A-H RED CHK 1+
DET1A-M GRN CHK 1-
DET1A-L WHT PRI 2+
DET1A-R BLK PRI 2-
DET1A-P RED CHK 2+
DET1A-K GRN CHK 2-
DET1A-JJ WHT PRI 3+
DET1A-DD BLK PRI 3-
DET1A-AA RED CHK 3+
DET1A-S GRN CHK 3-
DET1A-NN WHT PRI 4+
DET1A-LL BLK PRI 4-
DET1A-W RED CHK 4+
DET1A-U GRN CHK 4-
TB 5
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
TB 5
+ − PR-1
+ − CK-1
+ − PR-2
+ − CK-2
+ − PR-3
+ − CK-3
+ − PR-4
+ − CK-4
DETECTOR 1
+ − PR-5
+ − CK-5
+ − PR-6
+ − CK-6
+ − PR-7
+ − CK-7
+ − PR-8
+ − CK-8
DETECTOR 2

NEW SHEET

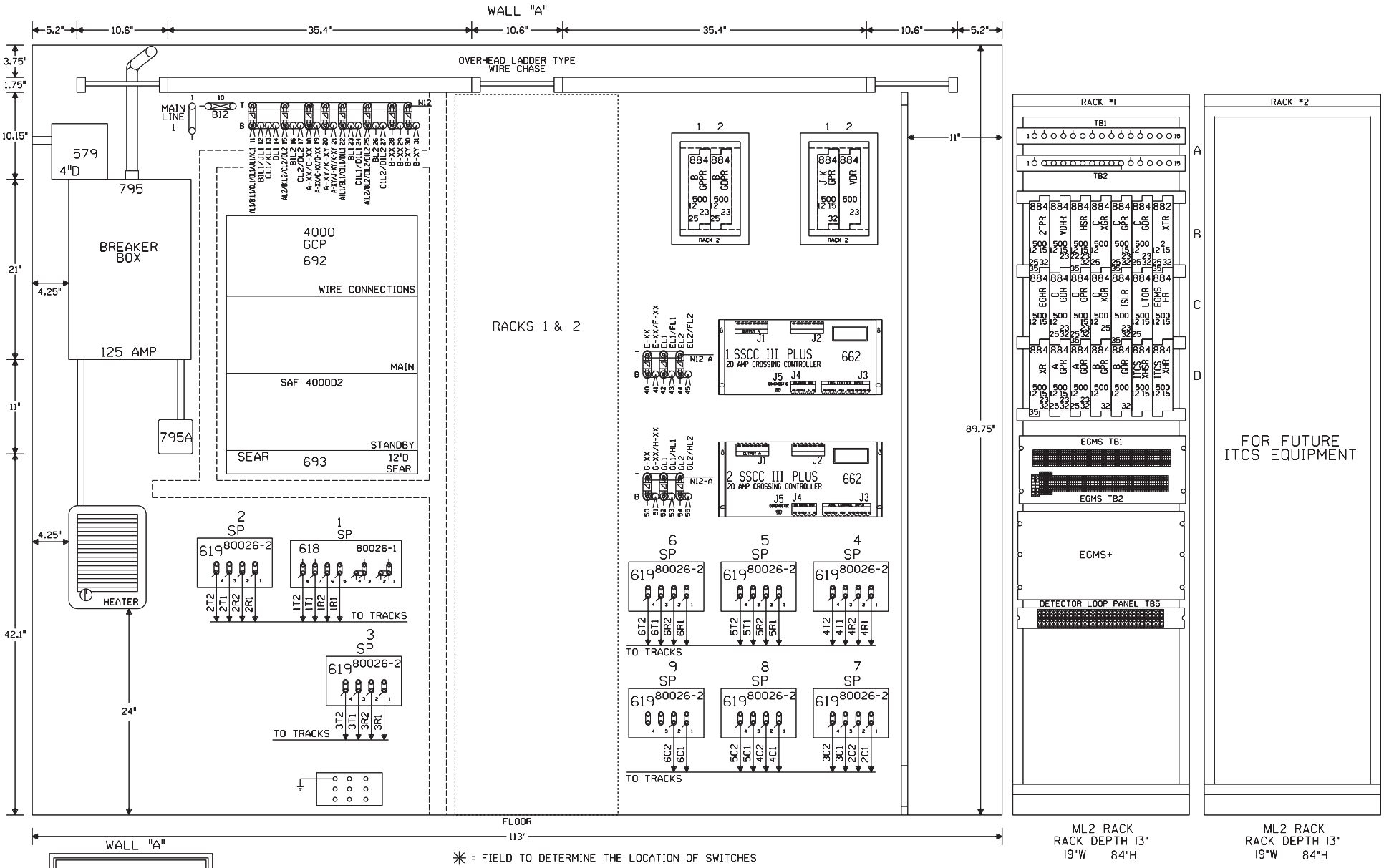
| | | |

RESERVED FOR MONITOR/CONCENTRATOR

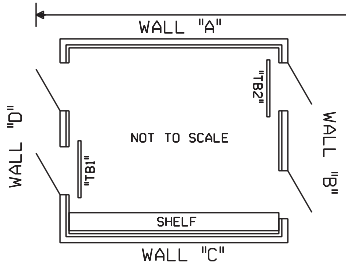


NEW SHEET

Designed: 4/3/13 TIER 4 ILLINOIS HIGH SPEED RAIL PROJECT PHASE 2 MP 124.85-134.90 Rec#: WO#: 22816 IS: /MWK / / WIT/MJF	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 4/3/13 Des: WIT Chk: MWK PID: 85684 AFE: 22816	UNION PACIFIC RAILROAD BLOOMINGTON, ILLINOIS WASHINGTON STREET SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 10 DOT 290945V MP: 126.50 ID: CSL12650.10X		

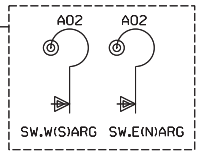


✳ = FIELD TO DETERMINE THE LOCATION OF SWITCHES



NOTE: ALL DIMENSIONS SHOWN ARE APPROXIMATE.

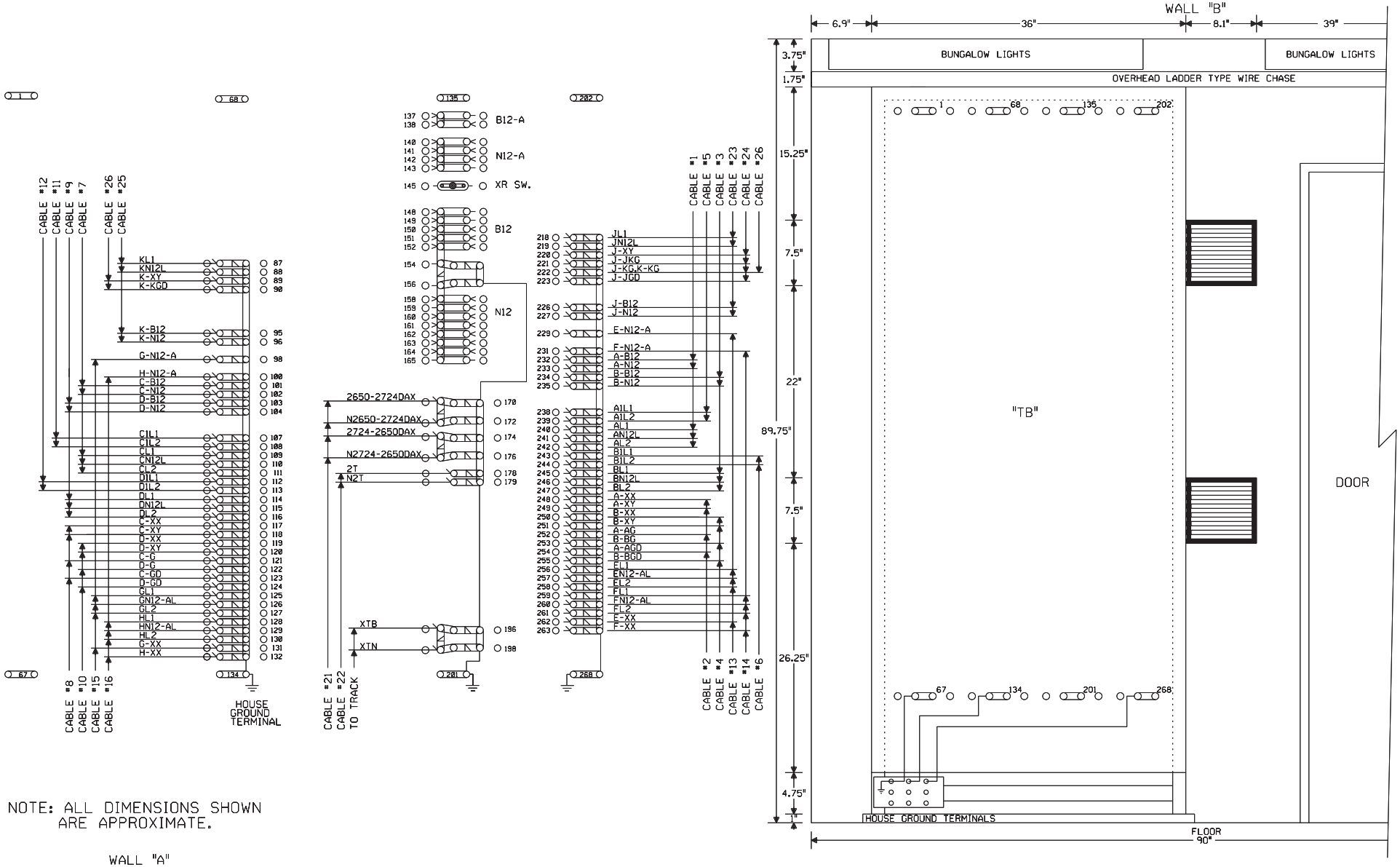
NOTE: PLEASE SHOW WHERE LOCATED ON OUTSIDE OF HOUSE.



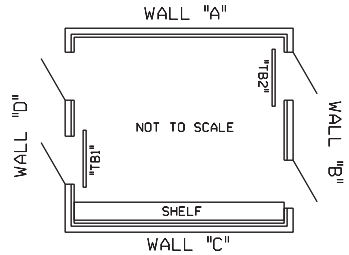
8X10 HOUSE WITH HEATER AND BLOWER U.P. PART#520-2532

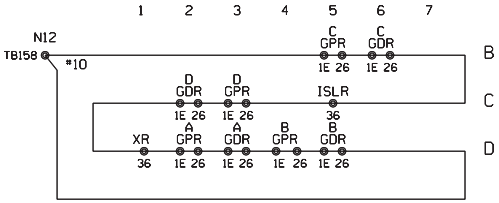
NEW SHEET

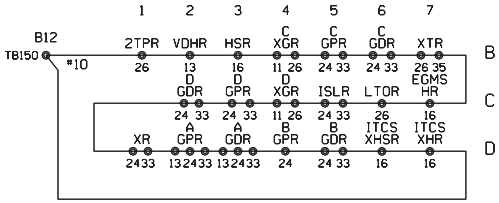
Designed: 4/3/13 TIER 4 ILLINOIS HIGH SPEED RAIL PROJECT PHASE 2 MP 124.85-134.90 Rec#: WO#: 22816 IS: /MWK / /WIT/MJF	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 4/3/13 Des: WIT Chk: MWK PID: 85684 AFE: 22816	UNION PACIFIC RAILROAD BLOOMINGTON, ILLINOIS WASHINGTON STREET SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 11 DOT 290945V MP: 126.50 ID: CSL12650.11X		



NOTE: ALL DIMENSIONS SHOWN ARE APPROXIMATE.

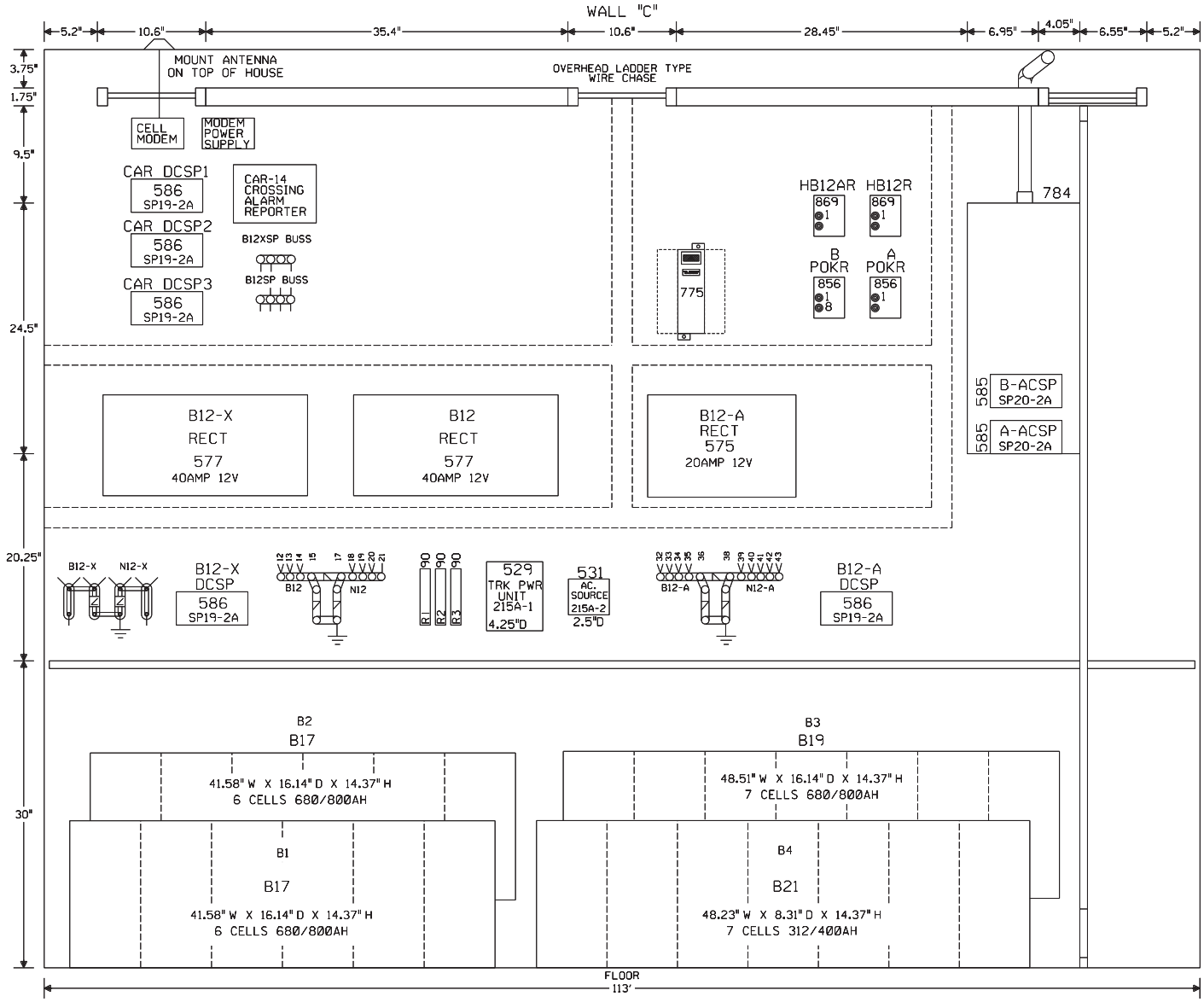


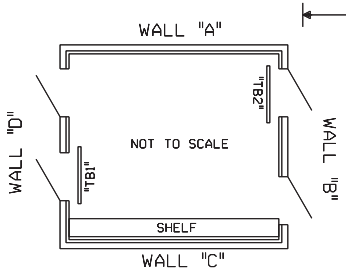




NEW SHEET

Designed: 4/3/13 TIER 4 ILLINOIS HIGH SPEED RAIL PROJECT PHASE 2 MP 124.85-134.90 Rec#: WO#: 22816 IS: /MWK / /WIT/MJF	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 4/3/13 Des: WIT Chk: MWK PID: 85684 AFE: 22816	UNION PACIFIC RAILROAD BLOOMINGTON, ILLINOIS WASHINGTON STREET SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 12 DOT 290945V MP: 126.50 ID: CSL12650.12X		





NOTE: ALL DIMENSIONS SHOWN ARE APPROXIMATE.

NEW SHEET

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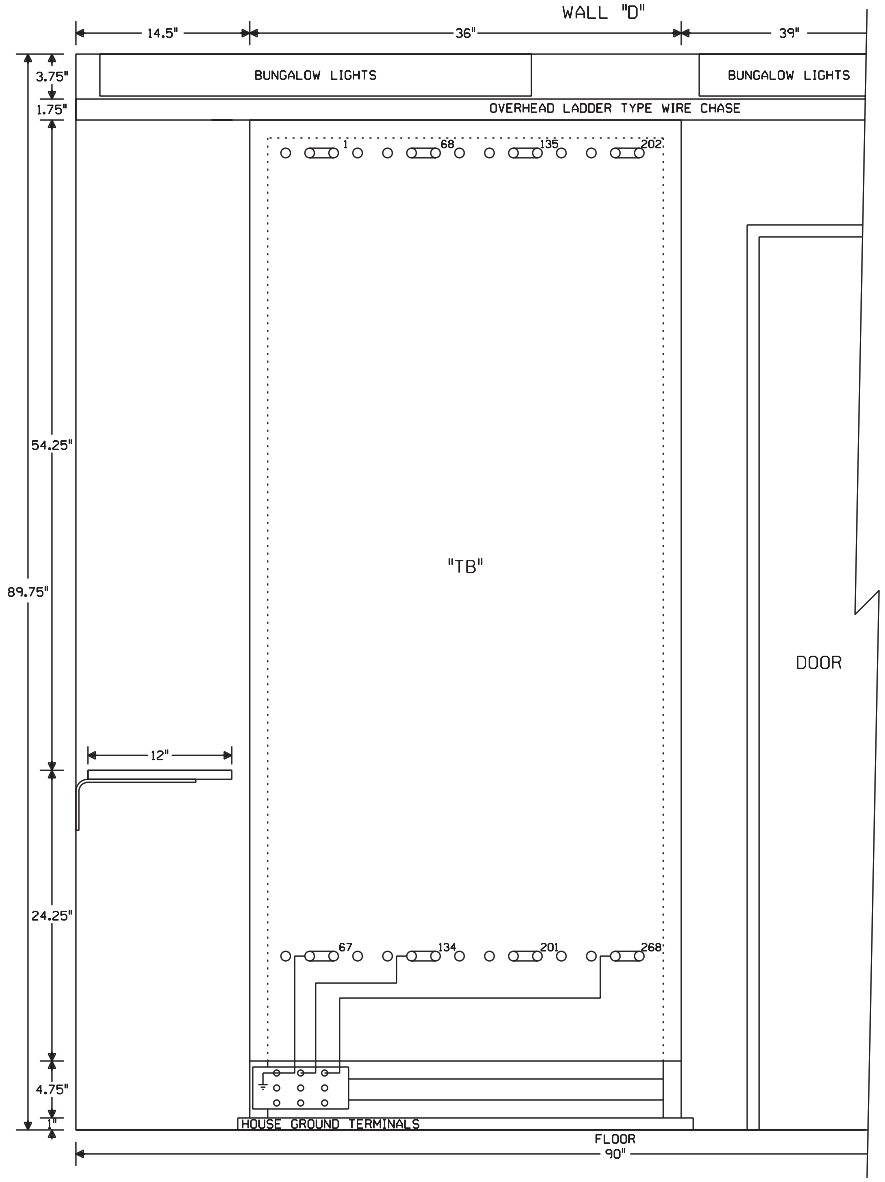
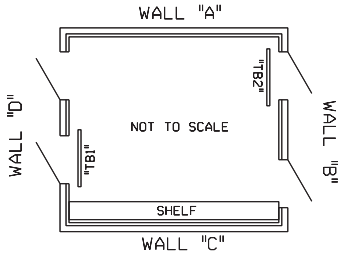


NOTE: ALL DIMENSIONS SHOWN ARE APPROXIMATE.



NEW SHEET

Designed: 4/3/13 TIER 4 ILLINOIS HIGH SPEED RAIL PROJECT PHASE 2 MP 124.85-134.90 Rec#: WO#: 22816 IS: /MWK / / WIT/MJF	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 4/3/13 Des: WIT Chk: MWK PID: 85684 AFE: 22816	UNION PACIFIC RAILROAD BLOOMINGTON, ILLINOIS WASHINGTON STREET SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 14 DOT 290945V MP: 126.50 ID: CSL12650.14X		

Minimum Program Steps Report

Location and SIN

DOT Number: 290945V
Milepost Number: 126.50
Site Name: BLOOMINGTON, IL

SIN: 762010010016 *

* Parameter is part of office check number calculation.

MCF and Template Selection

MCF Name: GCP-T6X-02-4.mcf
MCF Revision: 24
MCFCRC: 09FC363B

Template = 2D:1 Bi, 5 Rem (OCCN) *

* Parameter is part of office check number calculation.

Minimum Program Steps

TEMPLATE: module configuration
Track 5/RIO 2 Slot = Track (OCCN) *
Track 6/RIO 3 Slot = Track (OCCN) *

TEMPLATE: track 1-Bi, Island
Track 1 : GCP Frequency = 645 Hz (Field,TCN)
Track 1 : Approach Distance = 1085 ft (Set in Field,TCN)
Track 1 : Prime Warning Time = 36 sec (OCCN) *
Track 1 : Prime UAX = IP (OCCN) *
Track 1 : Prime UAX Pickup = 15 sec (OCCN) *
Track 1 : GCP Transmit Level = Medium (Set in Field,TCN)
Track 1 : Isl Frequency = 11.5 kHz (Set in Field)

TEMPLATE: track 2-Remote Prime
Track 2 : GCP Frequency = 970 Hz (Field,TCN)
Track 2 : Approach Distance = 370 ft (Set in Field,TCN)
Track 2 : Prime Warning Time = 36 sec (OCCN) *
Track 2 : Prime Offset Distance = 715 ft (Set in Field)
Track 2 : GCP Transmit Level = Medium (Set in Field,TCN)

TEMPLATE: track 3-Remote Prime
Track 3 : GCP Frequency = 348 Hz (Field,TCN)
Track 3 : Approach Distance = 1321 ft (Set in Field,TCN)
Track 3 : Prime Warning Time = 36 sec (OCCN) *
Track 3 : Prime Offset Distance = 1085 ft (Set in Field)
Track 3 : GCP Transmit Level = Medium (Set in Field,TCN)

TEMPLATE: track 4-Remote Prime
Track 4 : GCP Frequency = 86 Hz (Field,TCN)
Track 4 : Approach Distance = 3667 ft (Set in Field,TCN)
Track 4 : Prime Warning Time = 36 sec (OCCN) *
Track 4 : Prime Offset Distance = 1085 ft (Set in Field)
Track 4 : GCP Transmit Level = Medium (Set in Field,TCN)

TEMPLATE: track 5-Remote Prime
Track 5 : GCP Frequency = 211 Hz (Field,TCN)
Track 5 : Approach Distance = 3435 ft (Set in Field,TCN)
Track 5 : Prime Offset Distance = 99 ft (Set in Field)

Track 5 : GCP Transmit Level = Medium (Set in Field,TCN)

TEMPLATE: track 5 Daxes
Track 5 : Dax A Used = Yes (OCCN) *
Track 5 : Dax A Warning Time = 36 sec (OCCN) *
Track 5 : Dax A Offset Distance = 219 ft (Set in Field)

TEMPLATE: track 6-Remote Prime
Track 6 : GCP Frequency = 348 Hz (Field,TCN)
Track 6 : Approach Distance = 1446 ft (Set in Field,TCN)
Track 6 : Prime Offset Distance = 99 ft (Set in Field)
Track 6 : GCP Transmit Level = Medium (Set in Field,TCN)

TEMPLATE: track 6 Daxes
Track 6 : Dax A Used = Yes (OCCN) *
Track 6 : Dax A Offset Distance = 3300 ft (Set in Field)

TEMPLATE: track Anding
AND 2 Used = Yes (OCCN) *

TEMPLATE: AND 1 XR
AND 1 XR Track 5 = Dax A (OCCN) *
AND 1 XR Track 6 = Not Used (OCCN) *
AND 1 Enable Used = Yes (OCCN) *

TEMPLATE: AND 2
AND 2 Enable Used = Yes (OCCN) *

TEMPLATE: SSCC
SSCC1+2 GPs Coupled = No (OCCN) *
SSCC-2 Number of GPs = 2 (OCCN) *
SSCC-2 Number of GDs = 2 (OCCN) *
SSCC 1 : Lamp Neutral Test = Off (Set in Field)
SSCC 2 : Lamp Neutral Test = Off (Set in Field)

TEMPLATE: OOS
OOS Control = OOS IPs (OCCN) *

TEMPLATE: OP assignment 1
OUT 1.1 = AND 1 XR (OCCN) *
OUT 1.2 = T1 Island (OCCN) *
OUT 2.1 = T6 Dax A (OCCN) *

TEMPLATE: IP assignment 1
IN 1.1 = AND 1 XR Enable (OCCN) *
IN 1.2 = Out Of Service IP 1 (OCCN) *
IN 2.1 = GP 1.1 (OCCN) *

TEMPLATE: IP assignment 2
IN 5.1 = T1 Prime UAX (OCCN) *
IN 6.1 = AND 2 Enable (OCCN) *
IN 6.2 = AND 2 Enable (OCCN) *

TEMPLATE: IP assignment SSCC
IN 7.1 = AND 1 XR Enable (OCCN) *
IN 8.2 = GD 2.2 (OCCN) *
IN 8.3 = GP 2.2 (OCCN) *
IN 8.4 = GD 2.1 (OCCN) *
IN 8.5 = GP 2.1 (OCCN) *

TEMPLATE: SEAR
SP 3.1 = General 3 (OCCN) *
SP 4.1 = General 4 (OCCN) *

SP 5.1 = GD 1.1 (OCCN) (Hidden) *

PREDICTORS: track 5
Track 5 : Prime Used = No (OCCN) *

PREDICTORS: track 6
Track 6 : Prime Used = No (OCCN) *

GCP: track 1
Track 1 : Island Distance = 142 ft (Set in Field,TCN)

ISLAND: track 1
Track 1 : Pickup Delay (2s +) = 2 sec (OCCN) *

ADVANCED: internal I/O 1
Int.1 Sets = AND 2 Enable (OCCN) *
Int.1 Set by = AND 1 XR (OCCN) *
Int.2 Sets = T1 Prime UAX (OCCN) *
Int.2 Set by = T5 Dax A (OCCN) *

ADVANCED: site options
Daylight Savings = Off (Set in Field)

SSCC: 2
SSCC-2 Activation = AND 2 (OCCN) *

SEAR: slot 1-4 inputs
IN 2.2 = GP 1.1 (OCCN) *
IN 3.1 = General 1 (OCCN) *
IN 3.2 = General 2 (OCCN) *
IN 4.1 = Vehicle Det Hlth (OCCN) *
IN 4.2 = 3 Vehicle Detect (OCCN) *

SEAR: inputs slot 5
IN 5.2 = GD 1.2 (OCCN) *

* Parameter is part of office check number calculation.

Check Numbers

Office Check Number: 087861DB
Config. Check Number: 0AFB2901
(Based on MCF Revision 24)

Parameters not part of office check number calculation:

Track 1 : GCP Frequency = 645 Hz
Track 1 : Approach Distance = 1085 ft (Set in Field)
Track 1 : GCP Transmit Level = Medium (Set in Field)
Track 1 : Isl Frequency = 11.5 kHz
Track 2 : GCP Frequency = 970 Hz
Track 2 : Approach Distance = 370 ft (Set in Field)
Track 2 : Prime Offset Distance = 715 ft (Set in Field)
Track 2 : GCP Transmit Level = Medium (Set in Field)
Track 3 : GCP Frequency = 348 Hz
Track 3 : Approach Distance = 1321 ft (Set in Field)
Track 3 : Prime Offset Distance = 1085 ft (Set in Field)
Track 3 : GCP Transmit Level = Medium (Set in Field)
Track 4 : GCP Frequency = 86 Hz
Track 4 : Approach Distance = 3667 ft (Set in Field)
Track 4 : Prime Offset Distance = 1085 ft (Set in Field)
Track 4 : GCP Transmit Level = Medium (Set in Field)
Track 5 : GCP Frequency = 211 Hz

Track 5 : Approach Distance = 3435 ft (Set in Field)
Track 5 : Prime Offset Distance = 99 ft (Set in Field)
Track 5 : GCP Transmit Level = Medium (Set in Field)
Track 5 : Dax A Offset Distance = 219 ft (Set in Field)
Track 6 : GCP Frequency = 348 Hz
Track 6 : Approach Distance = 1446 ft (Set in Field)
Track 6 : Prime Offset Distance = 99 ft (Set in Field)
Track 6 : GCP Transmit Level = Medium (Set in Field)
Track 6 : Dax A Offset Distance = 3300 ft (Set in Field)
SSCC 1 : Lamp Neutral Test = Off (Set in Field)
SSCC 2 : Lamp Neutral Test = Off (Set in Field)
Track 1 : Island Distance = 142 ft (Set in Field)
Daylight Savings = Off (Set in Field)

Comments

<none>

Configuration Package File

Filename: CSL12650_290945V.pac
Path: C:\PAC File\
Date/Time: 7/10/2014 11:41:24