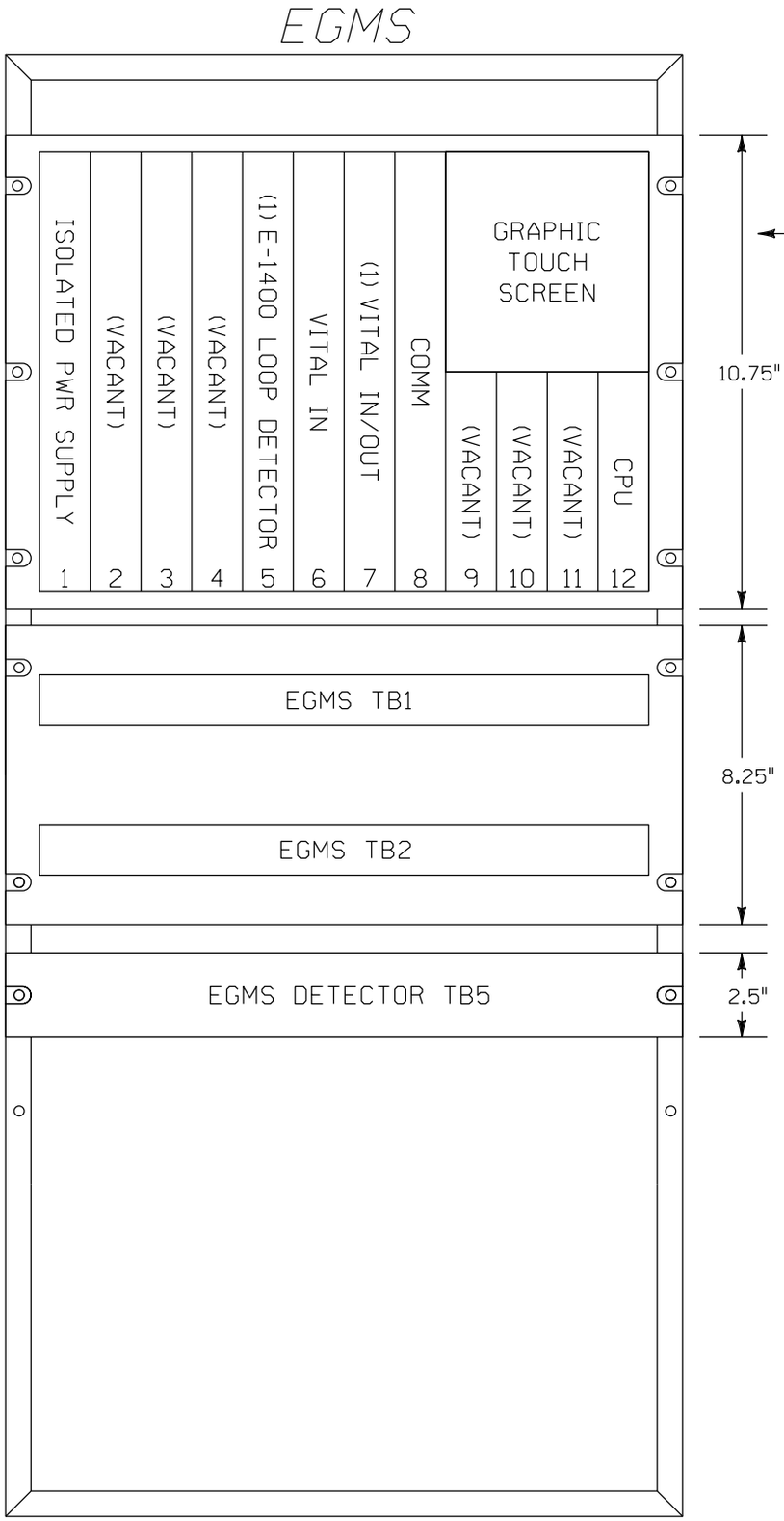
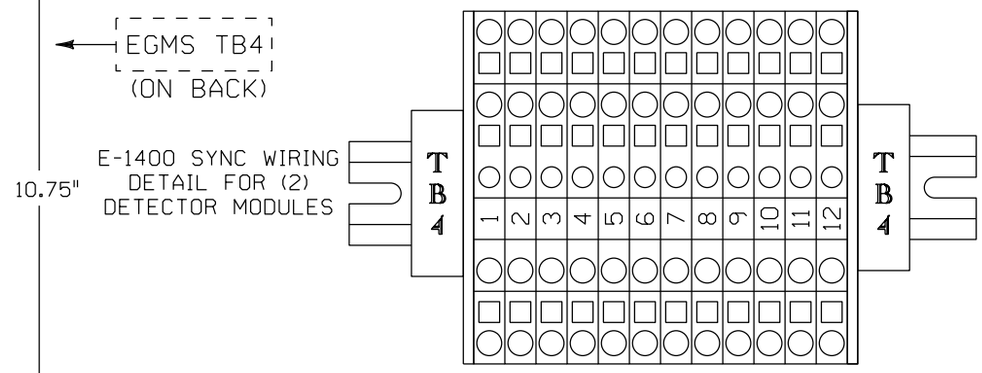




NEW SHEET

Designed: 09/25/14

TIER 3 PHASE 1
M.P. 202.30 TO
M.P. 194.80
HSR SCOPE CHANGE

Rec#:
IS:
WO#: 14052
/ /NST/MJF

MODIFICATION LEVEL	
Q. A. LAST LEVEL CHECKED	DU
LAST LEVEL MOD THIS TYPICAL	DU
LAST LEVEL BY DESIGNER	DU
CHANGED FROM TYPICAL?	Y

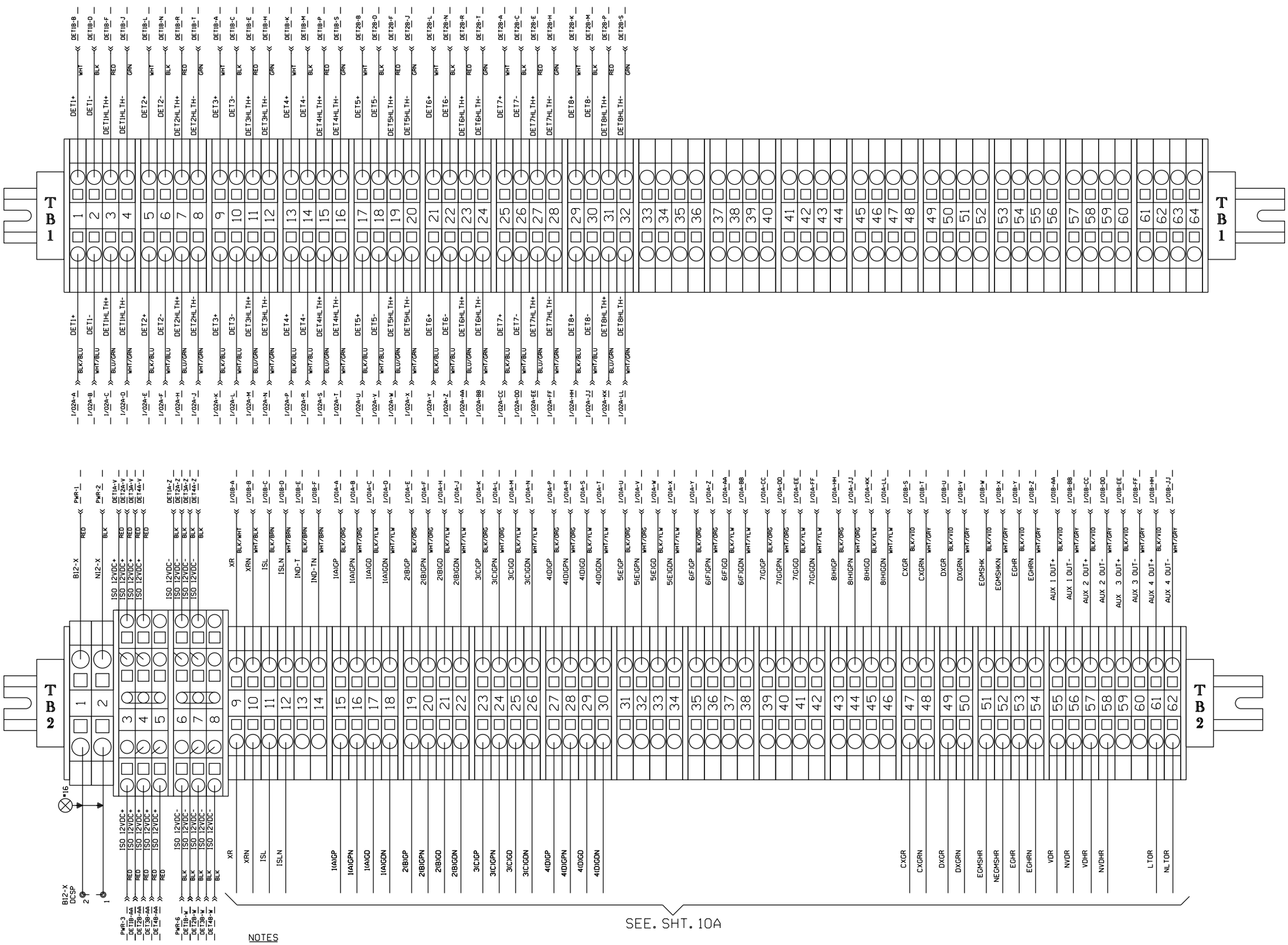
REV 01.24.11 4K 2TKEGMS.9B

CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN

Date: 09/25/14
Des: NST
Chk: MWK
AFE: 14052

UNION PACIFIC RAILROAD
CHATHAM, ILLINOIS
GOLDENROD DRIVE
SPRINGFIELD SUBDIVISION
Office of AVP Engineering - Signal Omaha, Nebraska

Sh.: 11A
DOT 440769R
MP: 194.90
ID: CSL19490.11AX



NOTES

1. TB1 PROVIDES AN EXTERNAL PASS THROUGH BETWEEN THE E-1400 MODULES AND THE VITAL INPUT MODULE IN CHASSIS POSITION 6. EGMS OR EGMS+ UNITS CONFIGURED FOR LESS THAN 4 EACH E-1400 MODULES WILL ONLY BE WIRED AS REQUIRED.
2. TB2-3 THROUGH TB2-8 PROVIDE A CONNECTION BUS FOR INTERNAL SUPPLY VOLTAGES AND MUST NOT BE USED TO SUPPLY OTHER CIRCUITS.

NEW SHEET

Designed: 09/25/14

TIER 3 PHASE 1
M.P. 202.30 TO
M.P. 194.80
HSR SCOPE CHANGE

Rec#: WO#: 14052
IS: / / NST/MJF

MODIFICATION LEVEL	
D. A. LAST LEVEL CHECKED	DU
LAST LEVEL MOD THIS TYPICAL	DU
LAST LEVEL BY DESIGNER	DU
CHANGED FROM TYPICAL?	Y

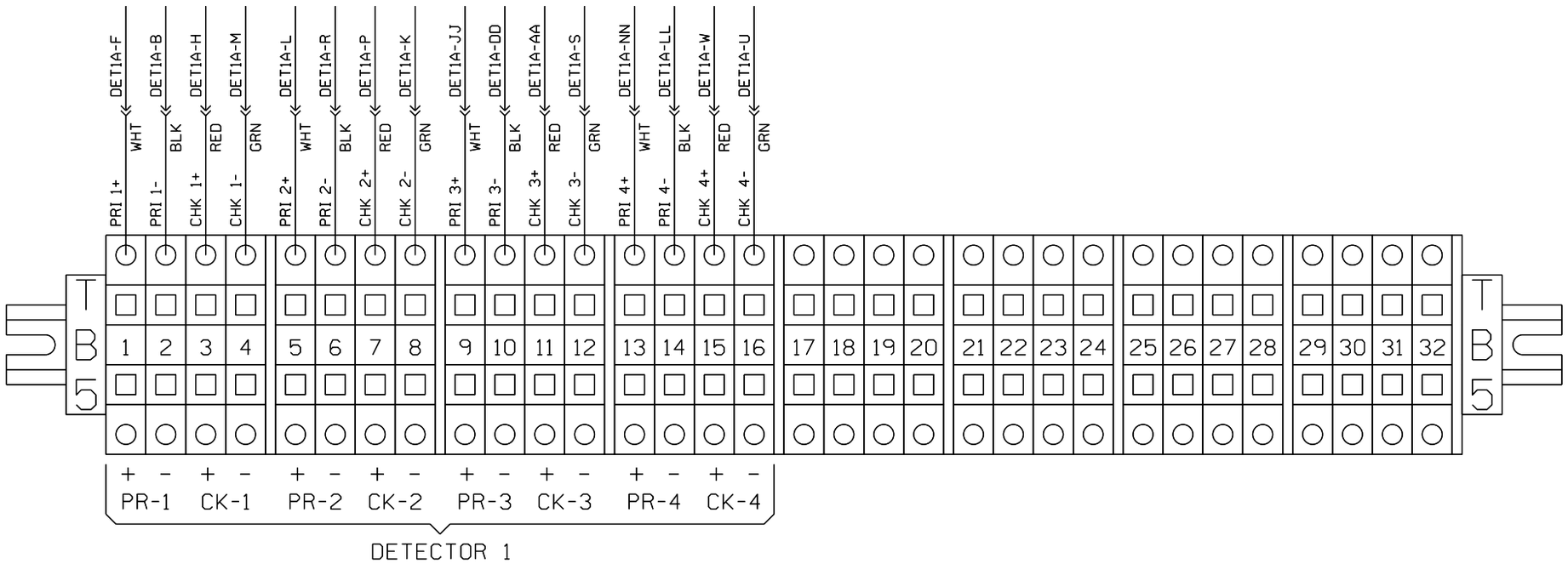
REV 01.24.11 4K 2TKEGMS.9C

CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN

Date: 09/25/14
Des: NST
Chk: MWK
AFE: 14052

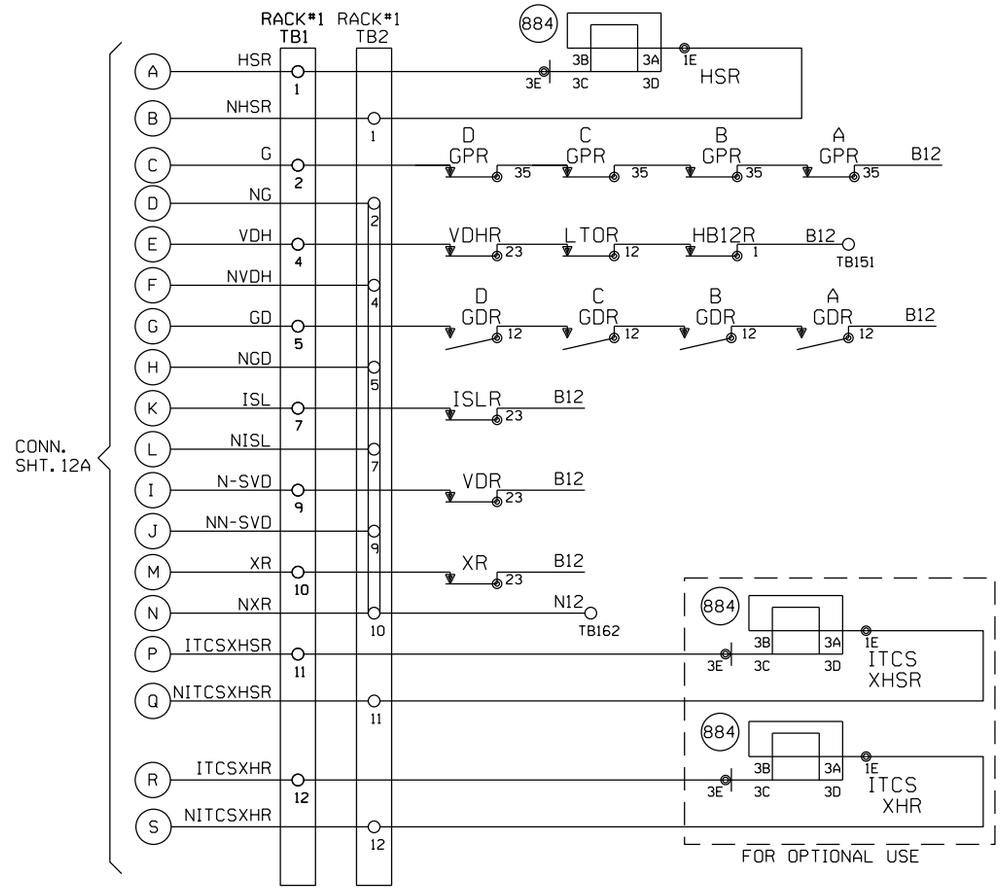
UNION PACIFIC RAILROAD
CHATHAM, ILLINOIS
GOLDENROD DRIVE
SPRINGFIELD SUBDIVISION
Office of AVP Engineering - Signal Omaha, Nebraska

Sh.: 11B
DOT 440769R
MP: 194.90
ID: CSL19490.11BX



NEW SHEET

					Designed: 09/25/14 TIER 3 PHASE 1 M.P. 202.30 TO M.P. 194.80 HSR SCOPE CHANGE Rec#: WO#: 14052 IS: / /NST/MJF	MODIFICATION LEVEL Q.A. LAST LEVEL CHECKED DU LAST LEVEL MOD THIS TYPICAL DU LAST LEVEL BY DESIGNER DU CHANGED FROM TYPICAL? Y REV 01.24.11 4K 2TKEGMS.9D	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 09/25/14 Des: NST Chk: MWK AFE: 14052	UNION PACIFIC RAILROAD CHATHAM, ILLINOIS GOLDENROD DRIVE SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 11C DOT 440769R MP: 194.90 ID: CSL19490.11CX

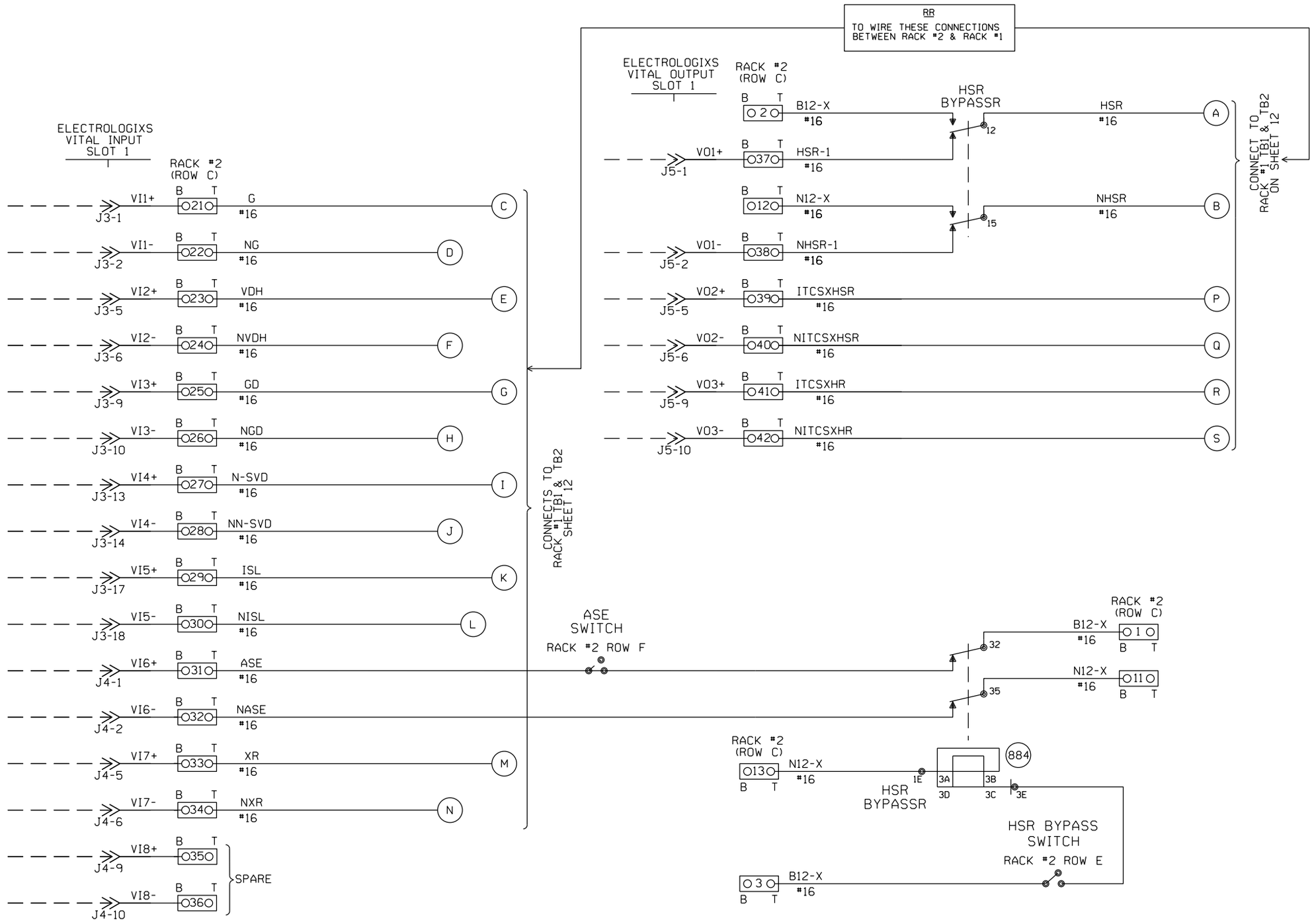


NOTE

1. ALL WIRE #16 UNLESS NOTED.

NEW SHEET

							Designed: 09/25/14 TIER 3 PHASE 1 M.P. 202.30 TO M.P. 194.80 HSR SCOPE CHANGE Rec#: WO#: 14052 IS: / / NST/MJF	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 09/25/14 Des: NST Chk: MWK AFE: 14052	UNION PACIFIC RAILROAD CHATHAM, ILLINOIS GOLDENROD DRIVE SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 12 DOT 440769R MP: 194.90 ID: CSL19490.12X



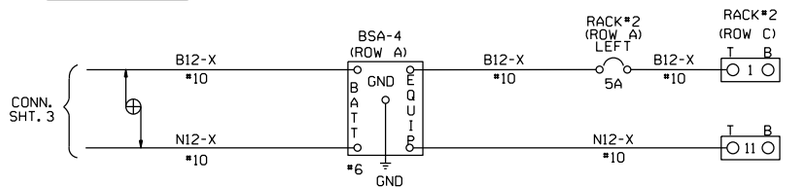
NOTES:

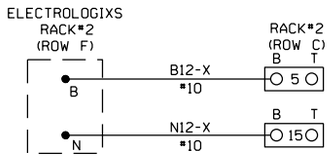
1. INPUT WIRES, OUTPUT WIRES, POWER WIRES, PUT IN SEPARATE BUNDLES.
2. ALL WIRES #16 UNLESS NOTED.
3. O?? O 2 POSITION WAGO BLOCK.

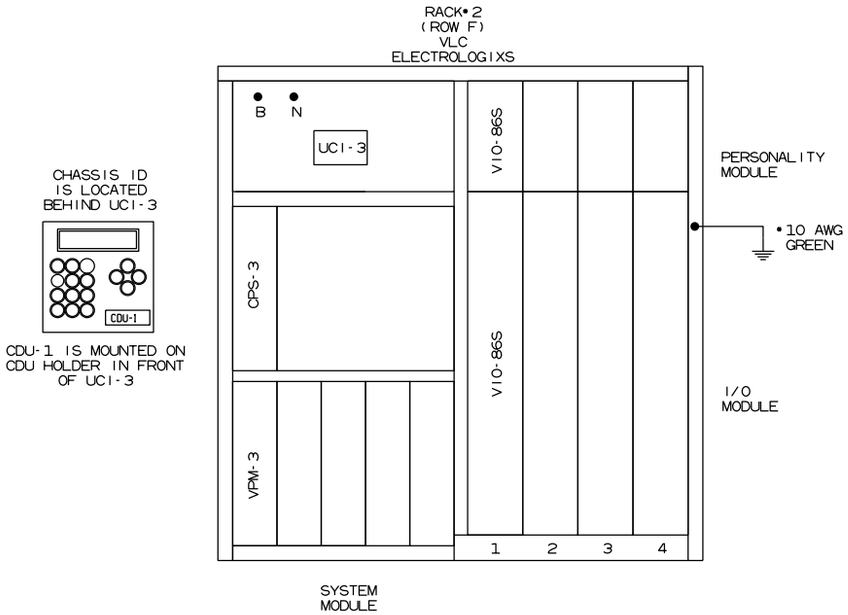
NEW SHEET

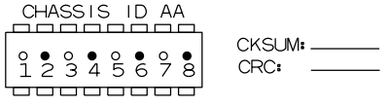
							Designed: 09/25/14 TIER 3 PHASE 1 M.P. 202.30 TO M.P. 194.80 HSR SCOPE CHANGE Rec#: WO#: 14052 IS: / NST/MJF	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 09/25/14 Des: NST Chk: MWK AFE: 14052	UNION PACIFIC RAILROAD CHATHAM, ILLINOIS GOLDENROD DRIVE SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 12A DOT 440769R MP: 194.90 ID: CSL19490.12AX

WIRING NOTE:
WIRE 30' LONG WIRES TO BSA-4

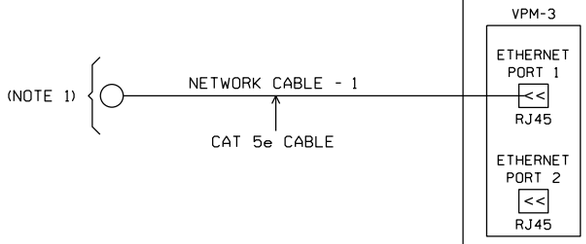


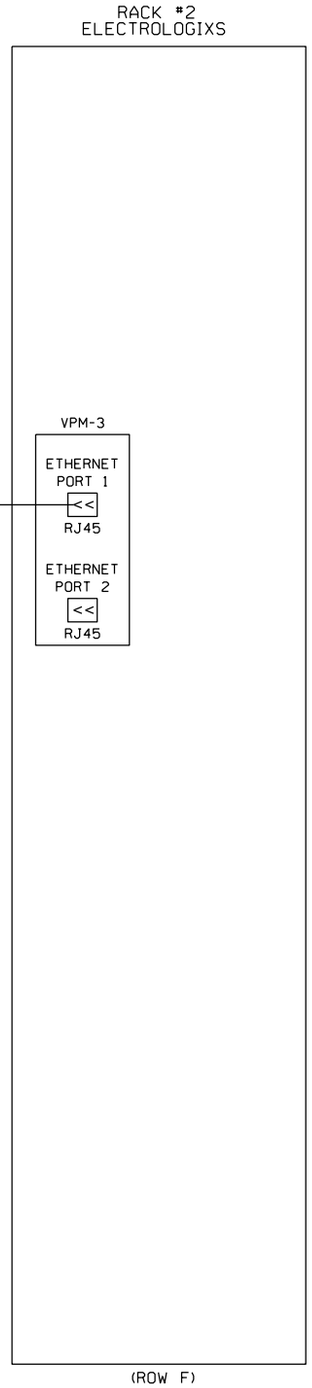


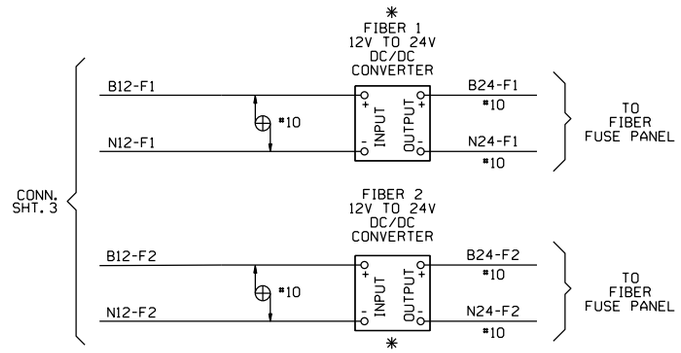




○ = TAB INTACT
● = TAB PUNCHED OUT







NOTES:

1. NETWORK SWITCH INSTALLED BY RR.

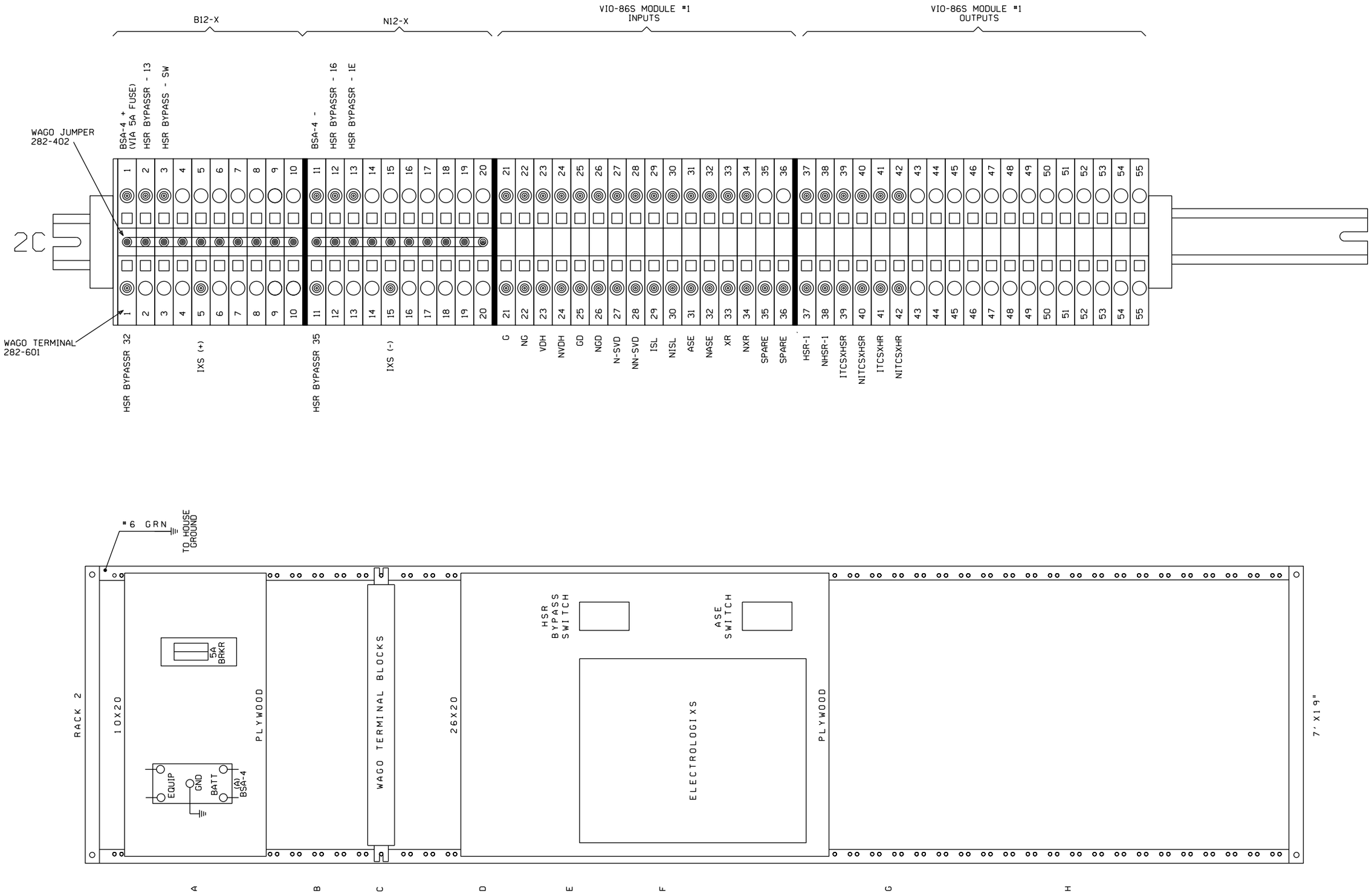
DENOTES TWISTED PAIR

O?? O 2 POSITION WAGO BLOCK

* - TO BE FIELD MOUNTED AFTER IT IS DETERMINED WHERE TO MOUNT.

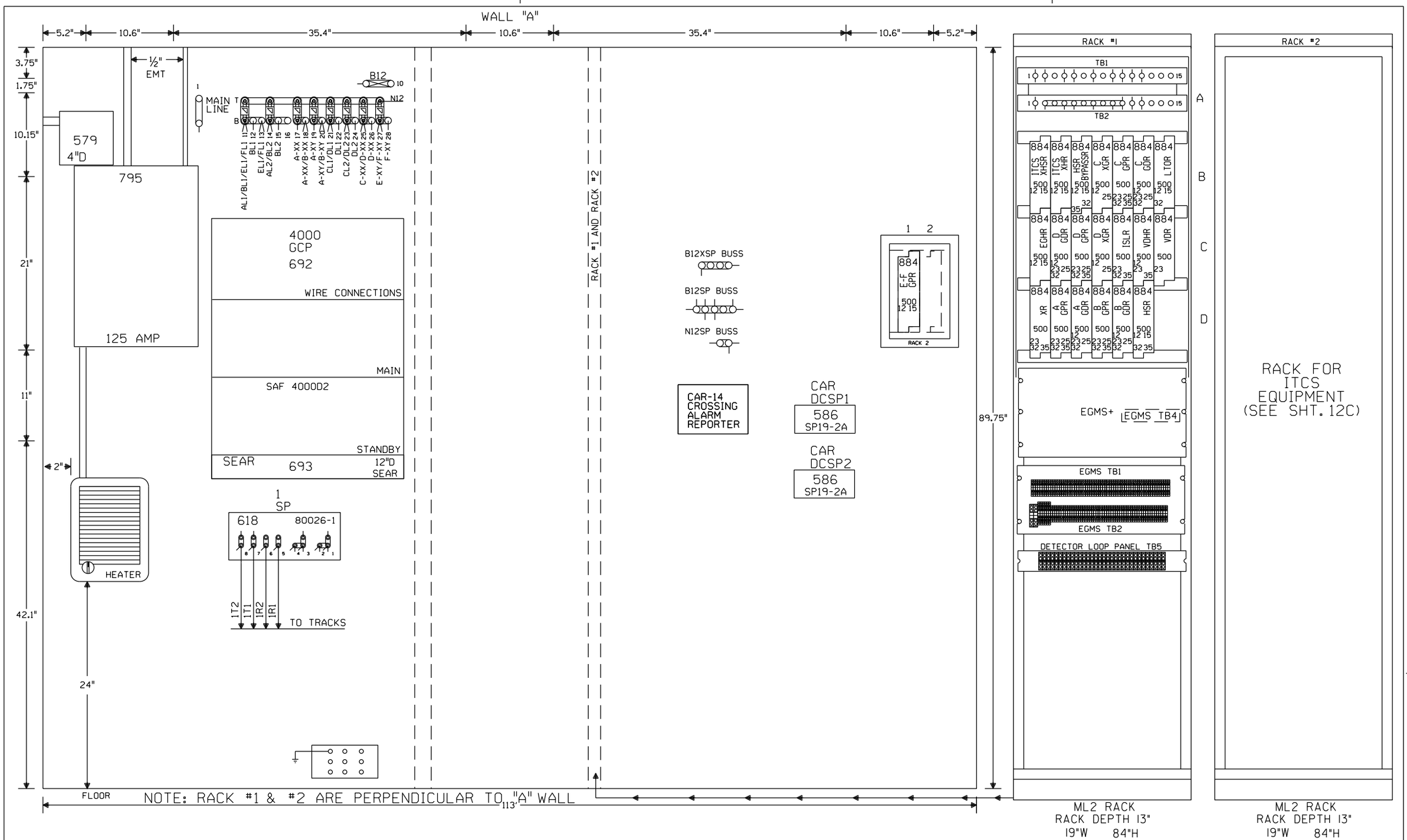
NEW SHEET

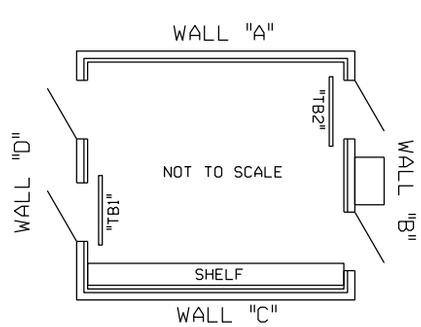
							Designed: 09/25/14 TIER 3 PHASE 1 M.P. 202.30 TO M.P. 194.80 HSR SCOPE CHANGE Rec#: WO#: 14052 IS: / / NST/MJF	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 09/25/14 Des: NST Chk: MWK AFE: 14052	UNION PACIFIC RAILROAD CHATHAM, ILLINOIS GOLDENROD DRIVE SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 12B DOT 440769R MP: 194.90 ID: CSL19490.12BX



NEW SHEET

							Designed: 09/25/14 TIER 3 PHASE 1 M.P. 202.30 TO M.P. 194.80 HSR SCOPE CHANGE Rec#: WO#: 14052 IS: / / /NST/MJF	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 09/25/14 Des: NST Chk: MWK AFE: 14052	UNION PACIFIC RAILROAD CHATHAM, ILLINOIS GOLDENROD DRIVE SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 12C DOT 440769R MP: 194.90 ID: CSL19490.12CX



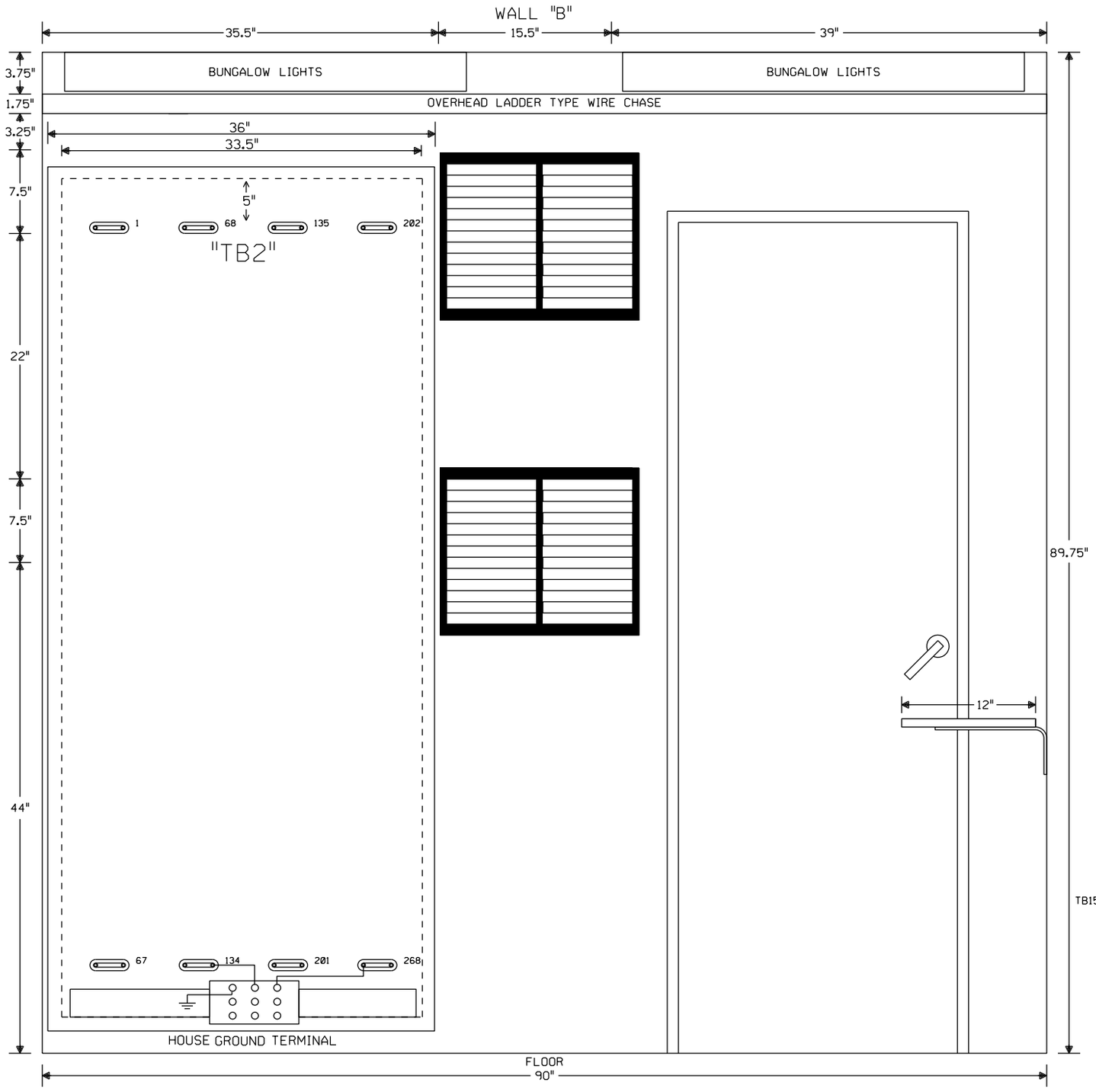


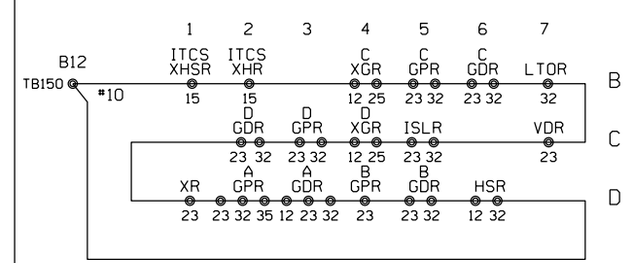
8X10 HOUSE WITH HEATER AND BLOWER U.P. PART#520-2532

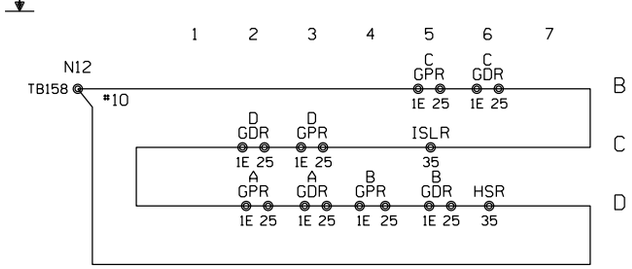
NOTE: ALL DIMENSIONS SHOWN ARE APPROXIMATE.

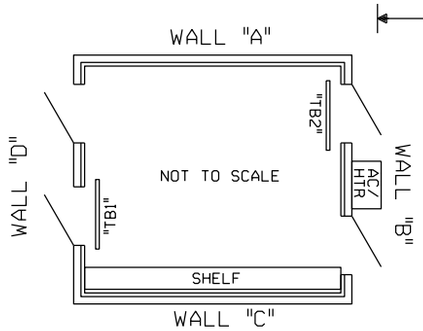
NEW SHEET

							Designed: 09/25/14 TIER 3 PHASE 1 M.P. 202.30 TO M.P. 194.80 HSR SCOPE CHANGE Rec#: WO#: 14052 IS: / / NST/MJF	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 09/25/14 Des: NST Chk: MWK AFE: 14052	UNION PACIFIC RAILROAD CHATHAM, ILLINOIS GOLDENROD DRIVE SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 13 DOT 440769R MP: 194.90 ID: CSL19490.13X









NOTE: ALL DIMENSIONS SHOWN ARE APPROXIMATE.

NOTE: NO TEST LINKS TO BE INSTALLED WITH CROSSING LIGHTING OR GATE MECH CIRCUITRY

NEW SHEET

Designed: 09/25/14
TIER 3 PHASE 1
M.P. 202.30 TO
M.P. 194.80
HSR SCOPE CHANGE
Rec#:
IS:
WO#: 14052
NST/MJF

CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN

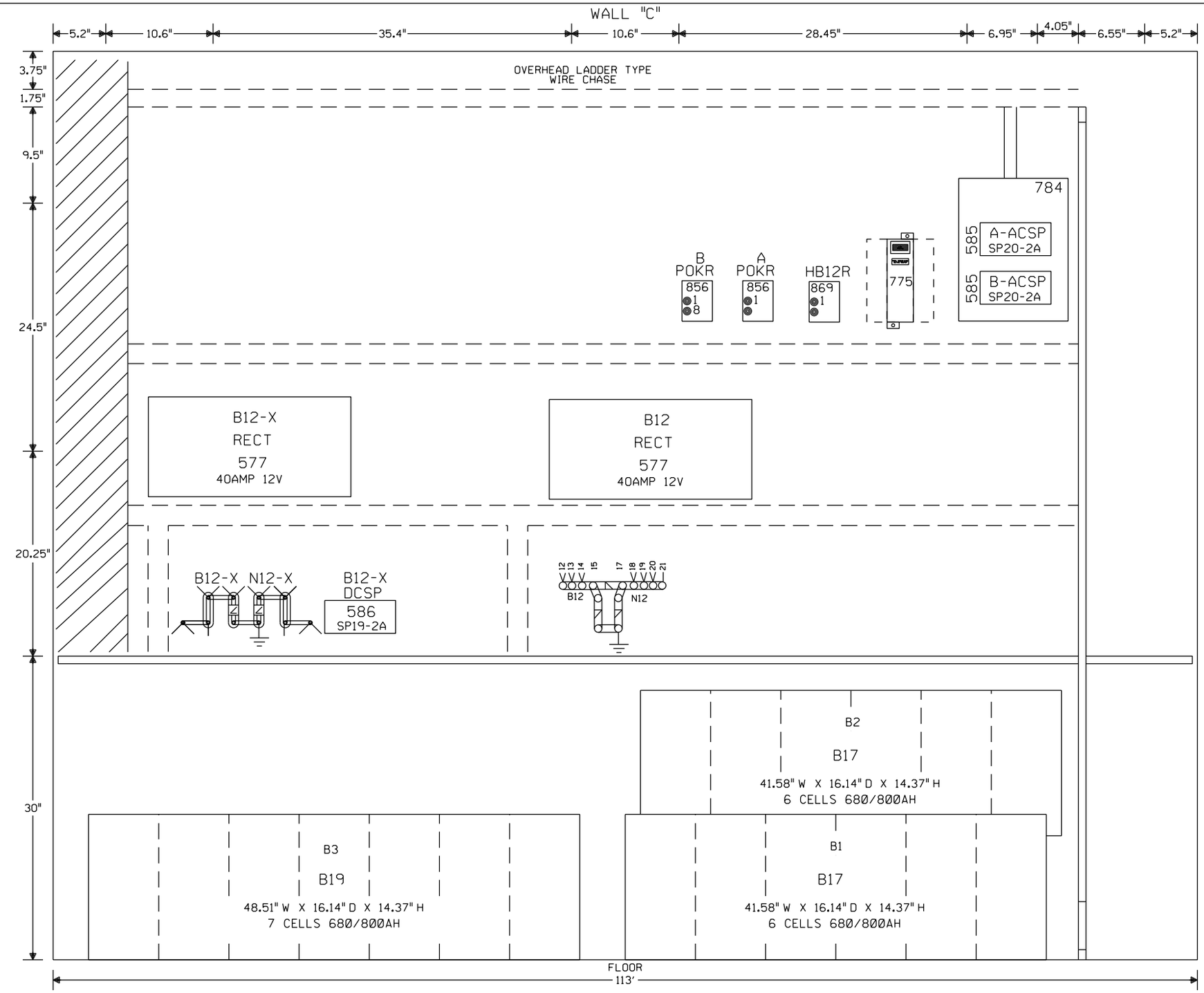
Date:	09/25/14
Des:	NST
Chk:	MWK
AFE:	14052

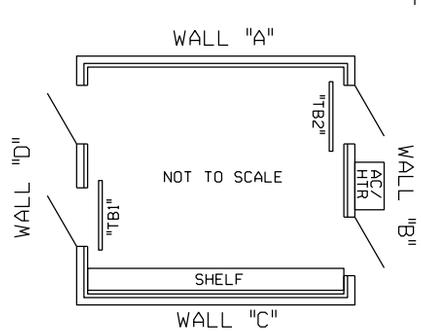
UNION PACIFIC RAILROAD

CHATHAM, ILLINOIS
GOLDENROD DRIVE
SPRINGFIELD SUBDIVISION

Office of AVP Engineering - Signal — Omaha, Nebraska

Sh.:	14
DOT	440769R
MP:	194.90
ID:	CSL19490.14X

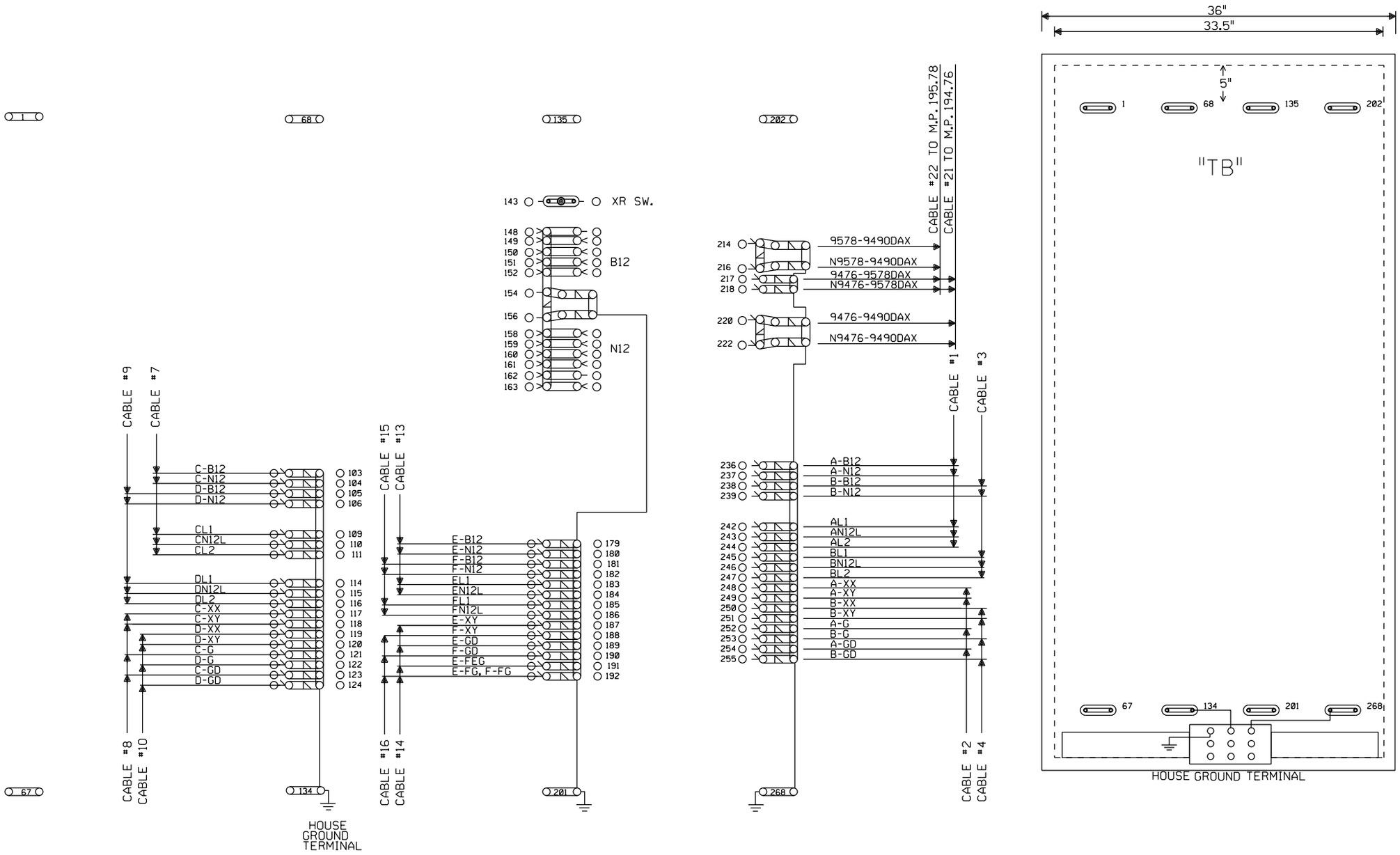


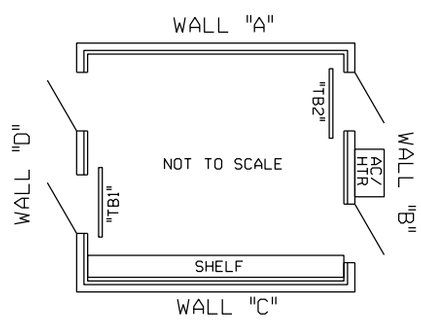


NOTE: ALL DIMENSIONS SHOWN ARE APPROXIMATE.

NEW SHEET

							Designed: 09/25/14 TIER 3 PHASE 1 M.P. 202.30 TO M.P. 194.80 HSR SCOPE CHANGE Rec#: IS: WO#: 14052 / /NST/MJF	CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN	Date: 09/25/14 Des: NST Chk: MWK AFE: 14052	UNION PACIFIC RAILROAD CHATHAM, ILLINOIS GOLDENROD DRIVE SPRINGFIELD SUBDIVISION Office of AVP Engineering - Signal Omaha, Nebraska	Sh.: 15 DOT 440769R MP: 194.90 ID: CSL19490.15X





NOTE: NO TEST LINKS TO BE INSTALLED WITH CROSSING LIGHTING OR GATE MECH CIRCUITRY

NOTE: ALL DIMENSIONS SHOWN ARE APPROXIMATE.

SEE SIGNAL STANDARD DRAWING 846120UP FOR HOUSE GROUNDING SCHEME

NEW SHEET

Designed: 09/25/14
TIER 3 PHASE 1
M.P. 202.30 TO
M.P. 194.80
HSR SCOPE CHANGE
Rec#: WO#: 14052
IS: / /NST/MJF

CIRCUIT MODIFICATIONS ARE NOT TO BE MADE WITHOUT AUTHORITY FROM THE OFFICE OF SIGNAL DESIGN

Date:	09/25/14
Des:	NST
Chk:	MWK
AFE:	14052

UNION PACIFIC RAILROAD

CHATHAM, ILLINOIS
GOLDENROD DRIVE
SPRINGFIELD SUBDIVISION

Office of AVP Engineering - Signal — Omaha, Nebraska

Sh.:	16
DOT	440769R
MP:	194.90
ID:	CSL19490.16X