



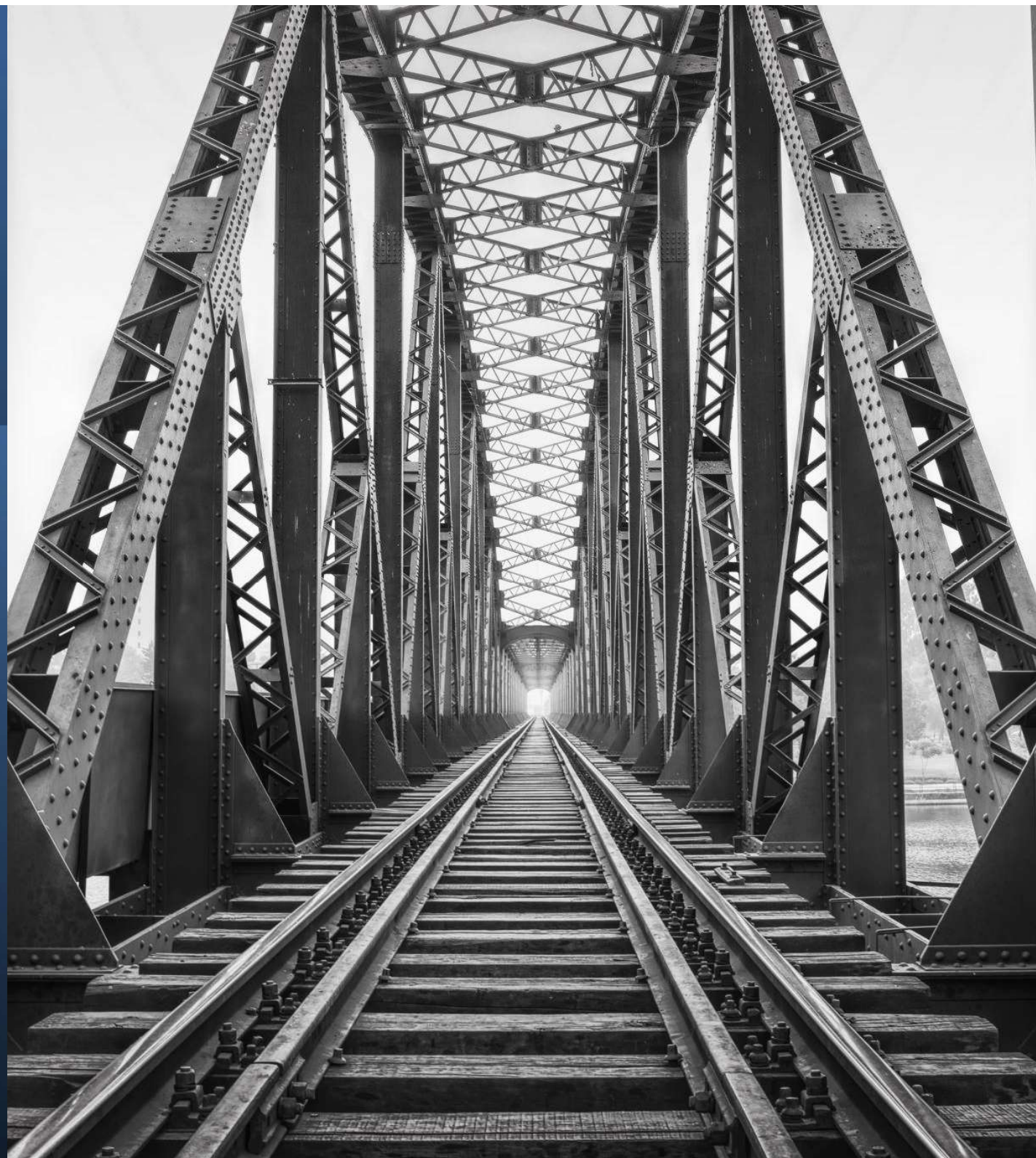
Bridging the Railway Gap

Connecting Two HOm layouts

Boyd Misstear – MetroNorth
NMRA February 18th 2023

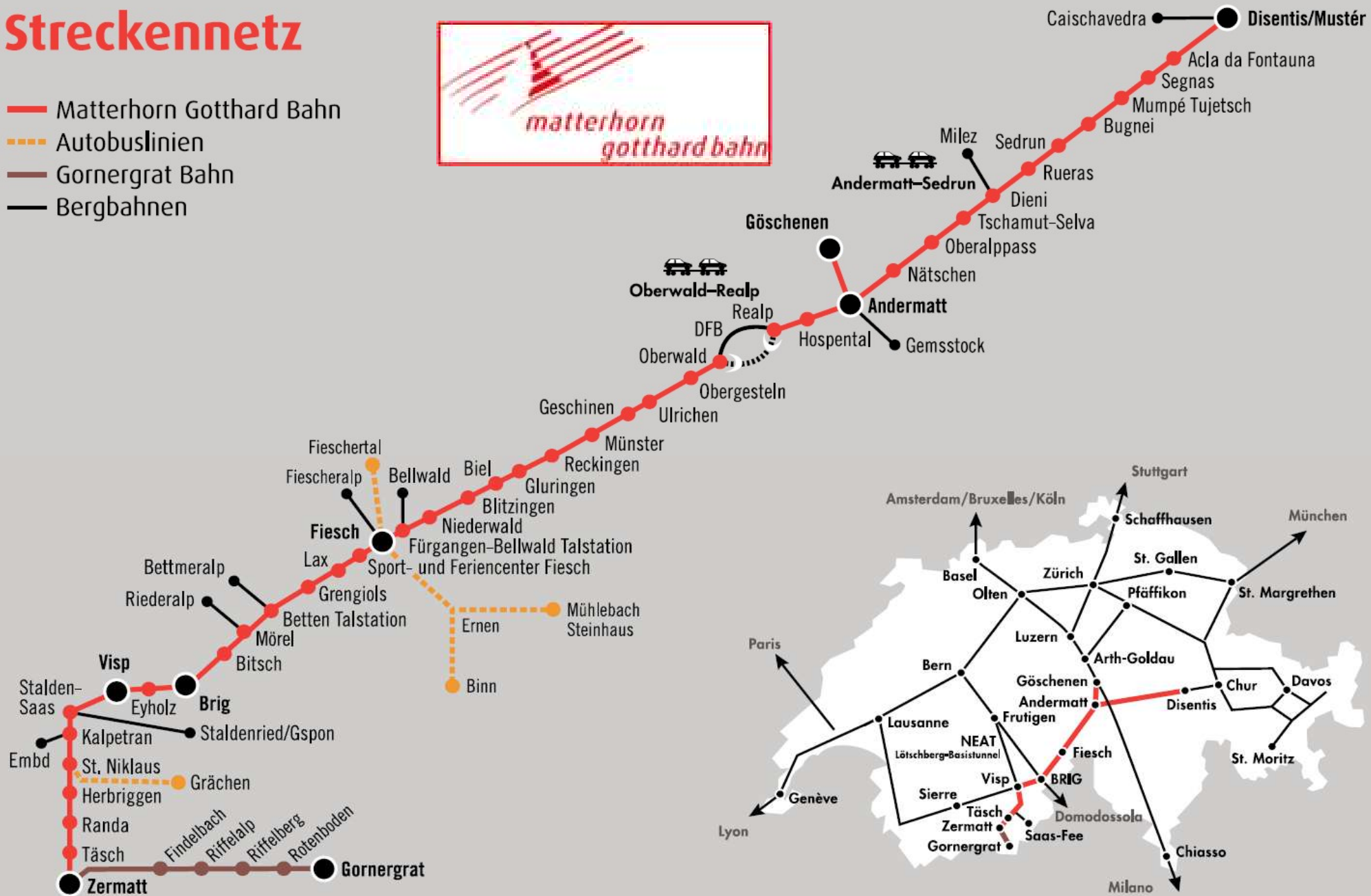
Integrating two or
more layouts requires
more than building a
physical railway
bridge

There is
more to it!



Streckennetz

-  Matterhorn Gotthard Bahn
-  Autobuslinien
-  Gornergrat Bahn
-  Bergbahnen



jbm 120613



Linienplan



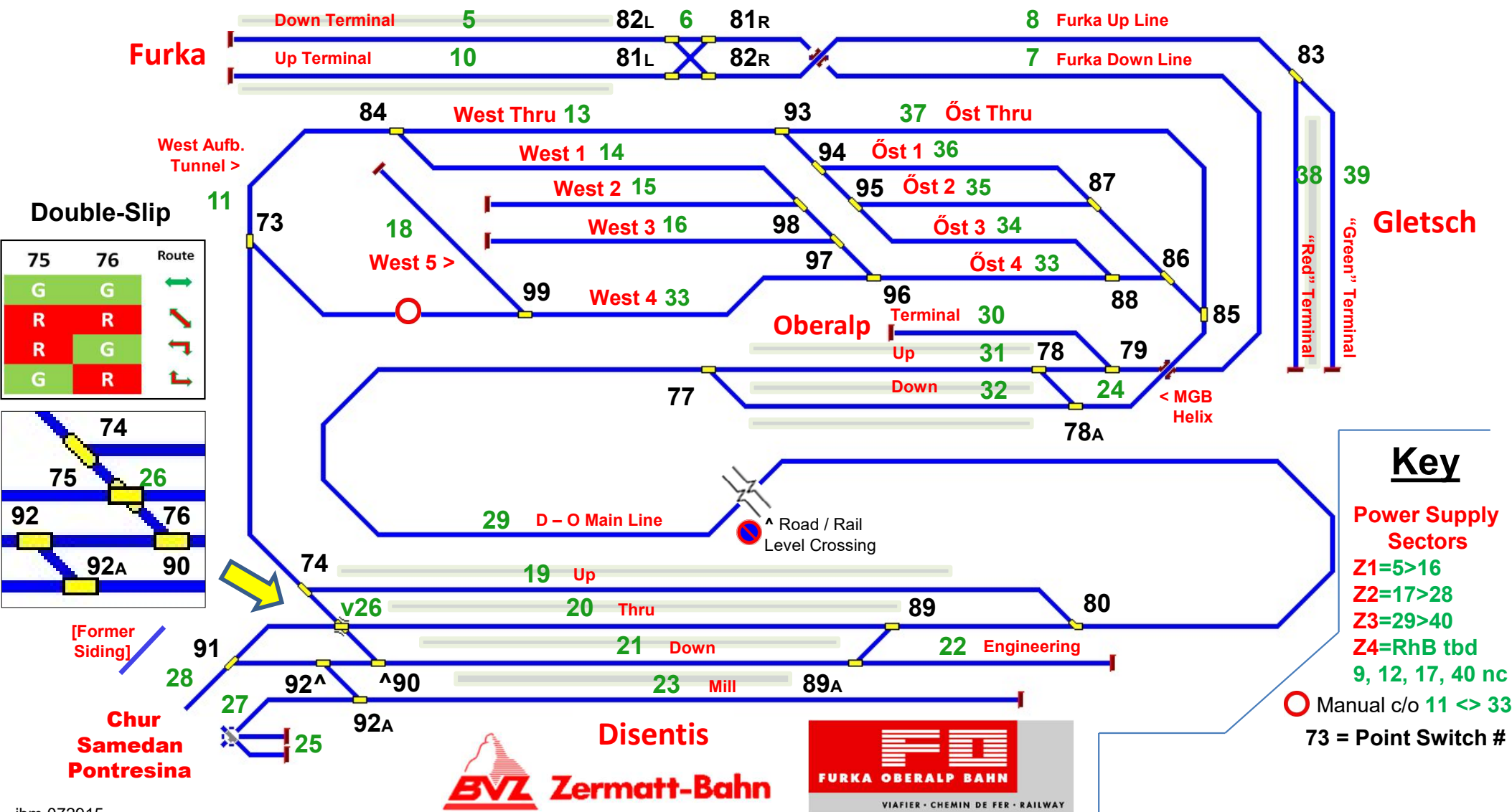
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Weston MGB – RhB

RhB Rhätische Bahn







Lift Out Bridge mountings!

Happenings at Pontresina



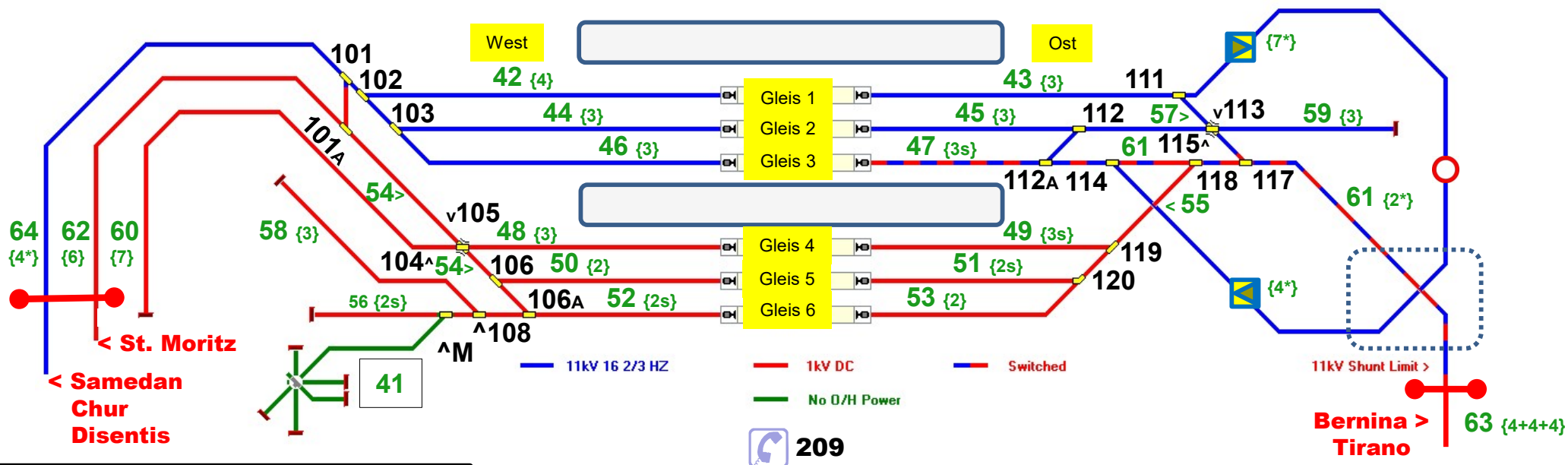


Road running in Pontresina



Differing O/Head systems!

Weston RhB Pontresina



Key

Power Supply Sectors

Z1 = 05 > 16

Z2 = 17 > 28

Z3 = 29 > 40

Z4 = 41 > 64

c/o 43 < > 47

{3} = Maximum # of vehicles
s = short vehicle restriction

= c/o Loop < > 61

^101 = Point Switch #

Unassigned

107, 109
110, 116

= Traffic Hold Pt.

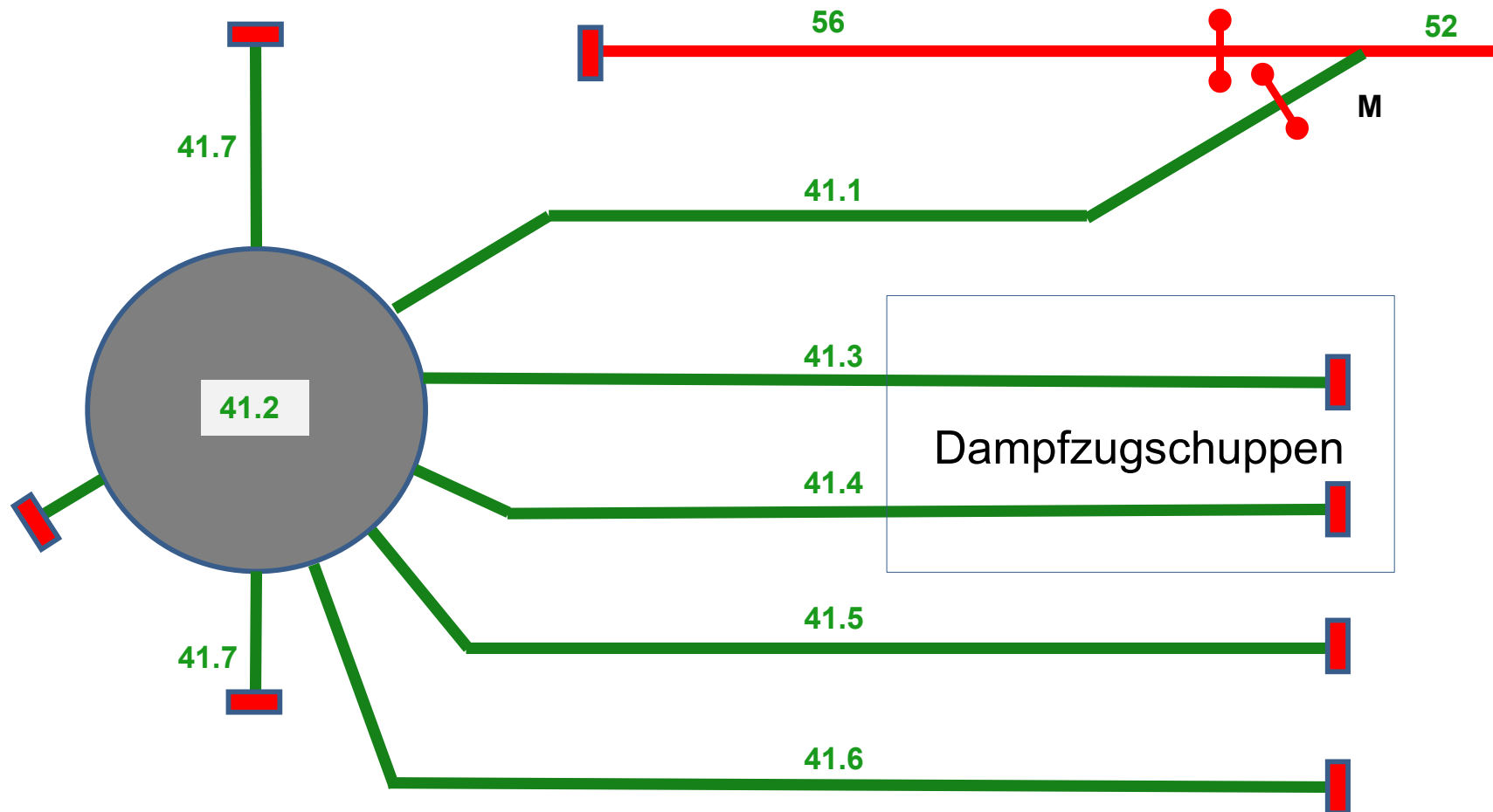
* Shunt Limit

IRDOT-1D & IRDASC-2 Signal Detectors tbd

Double-Slips

104	105	Route	115	113	Route
G	G	↔	G	G	↔
R	R	↗	R	R	↗
R	G	↘	R	G	↘
G	R	↖	G	R	↖

Layout Schematics 20210506



Power Sector Z4

Gleis 41, 52 & 56

M = Manual Point Switch

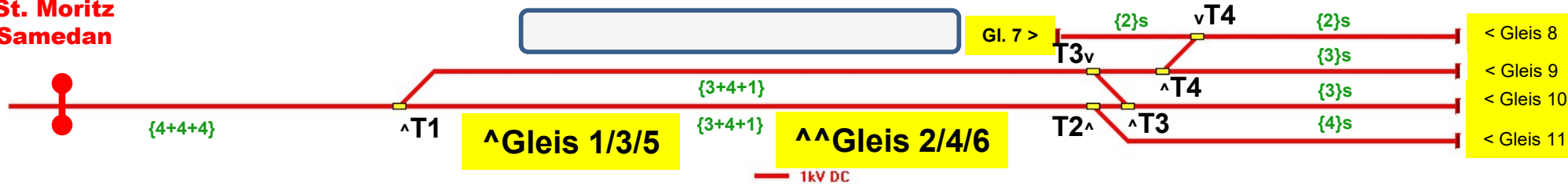
Traffic Hold Pt.



Layout Schematic 20210526

Weston RhB Bernina / Tirano

< Pontresina
St. Moritz
Samedan



Power Supply Sector **Z4 # 63**

206

Key

Power Supply
Sectors

Z1 = 05 >16

Z2 = 17 >28

Z3 = 29 >40

Z4 = 41 >64

⬮ = Traffic Hold Pt.

{3} = Maximum # of vehicles
s = short vehicle restriction

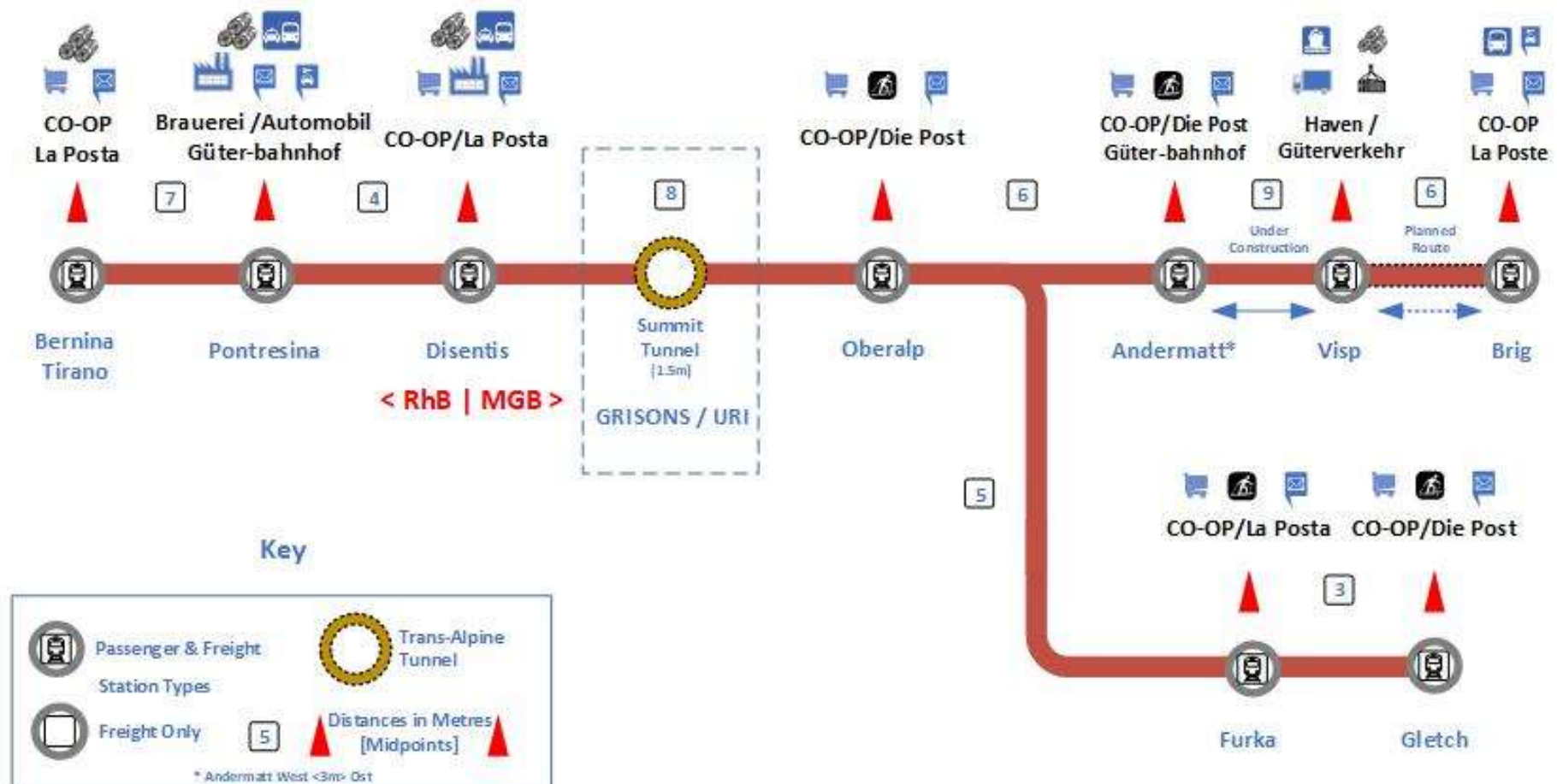
^T1 = Local Point Switch #

Layout Schematics 20220709.pptx



Bahnindustrie

MGB/RhB



PostBus
SWISS POST



bfs

swissport

Linienplan 20230217.vsd

MIGROS

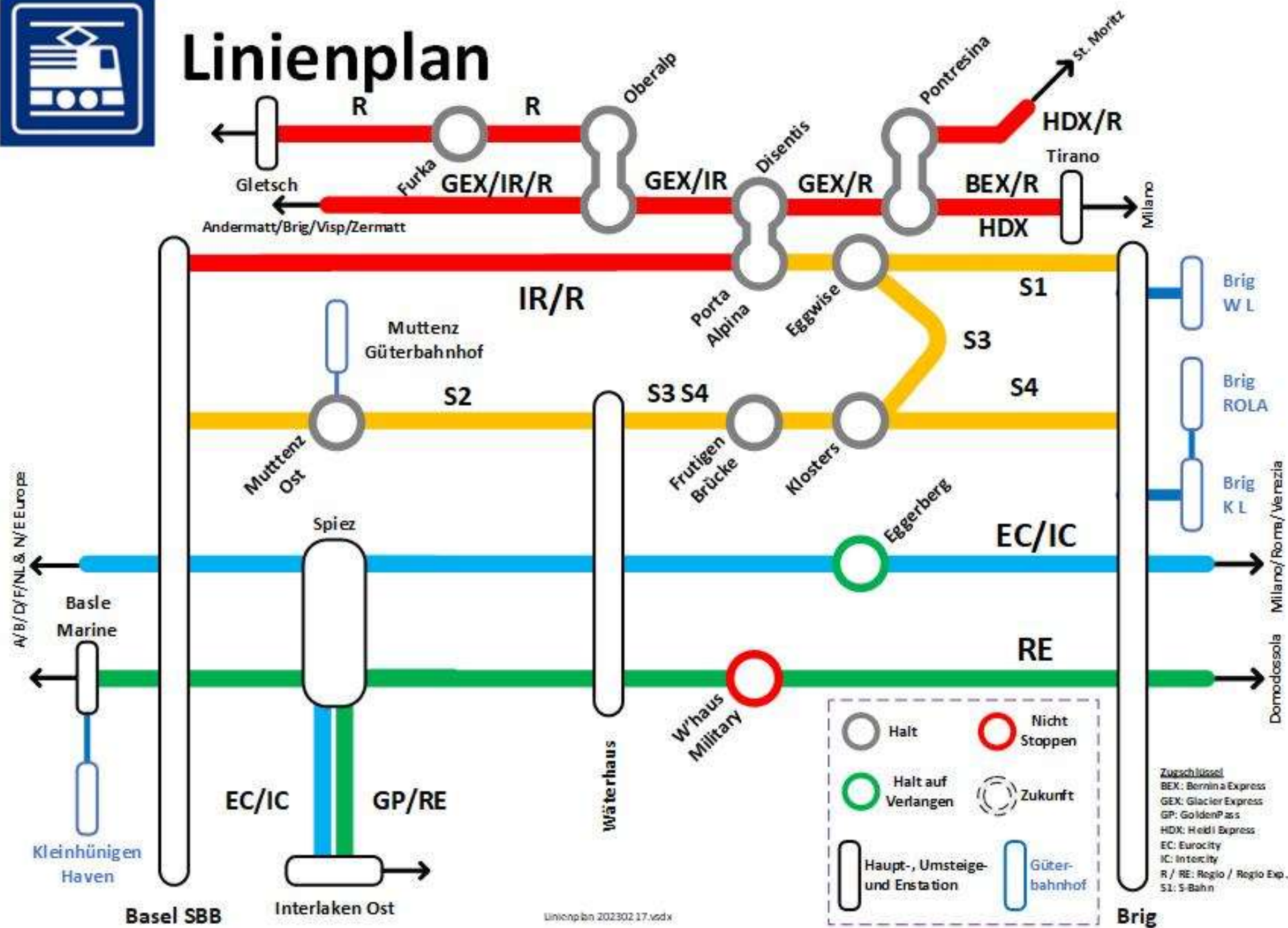
coop

LEON WÄLTCHEN BÄCKE





Linienplan

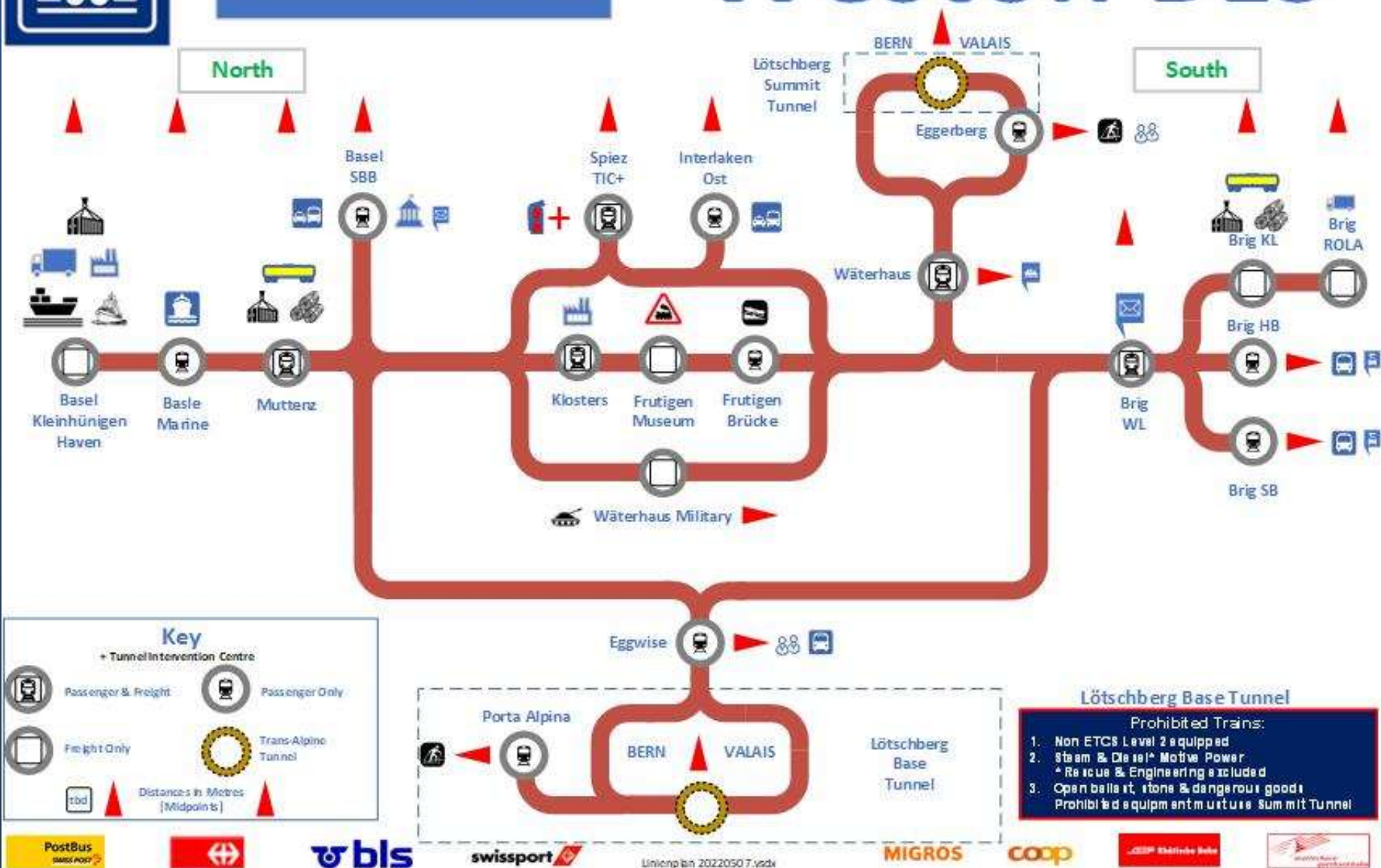


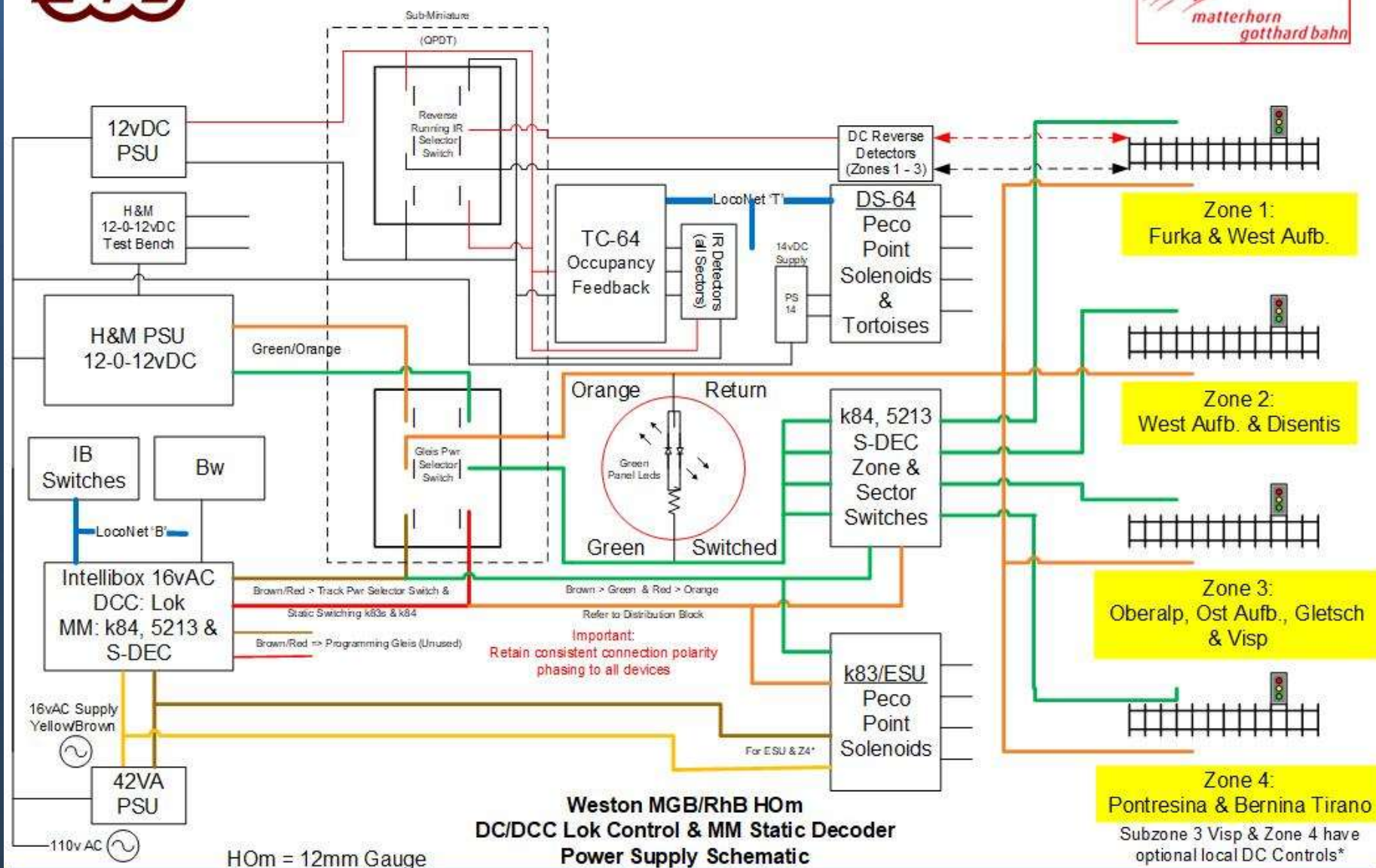
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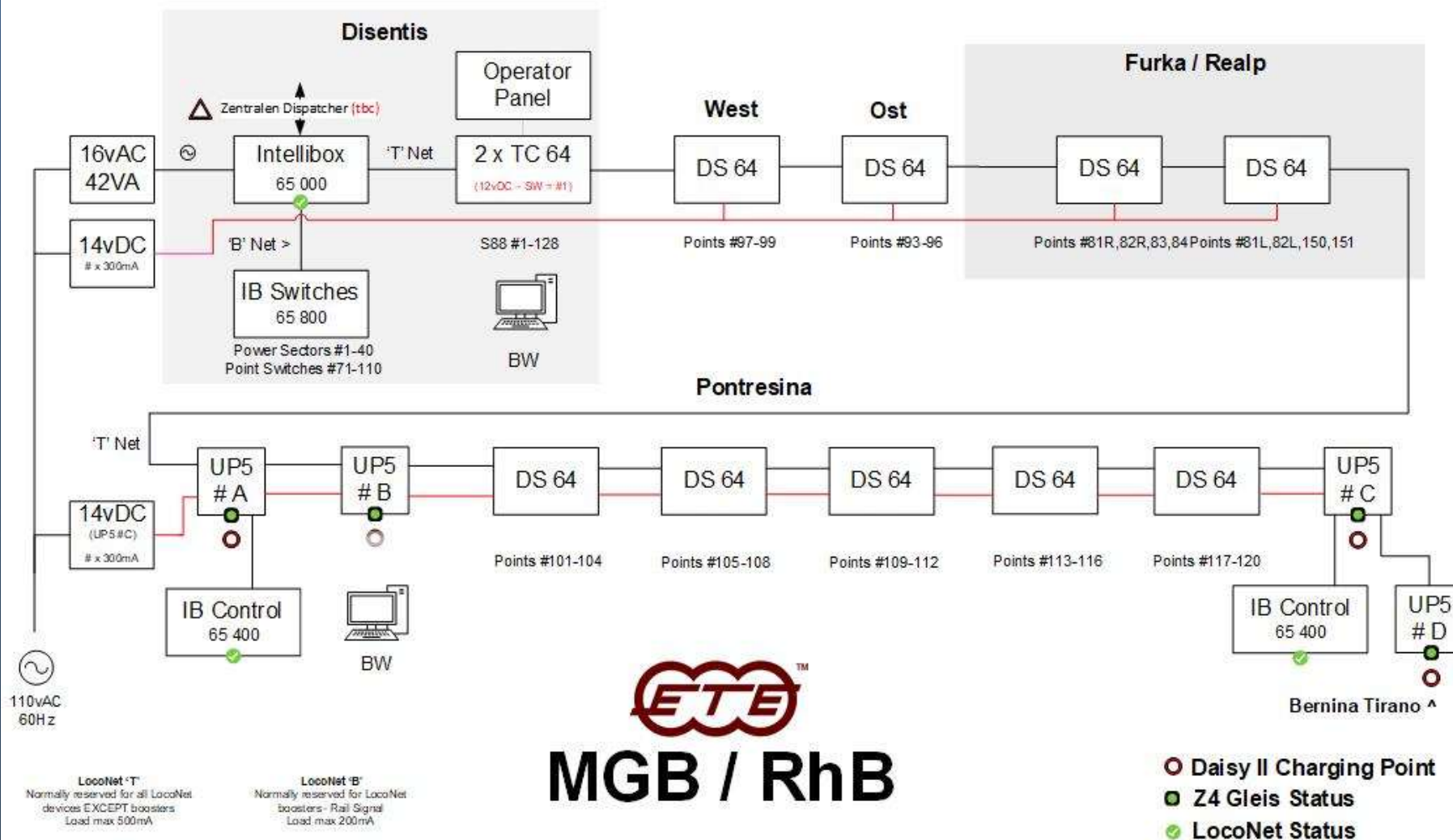
Bahnindustrie

Weston BLS

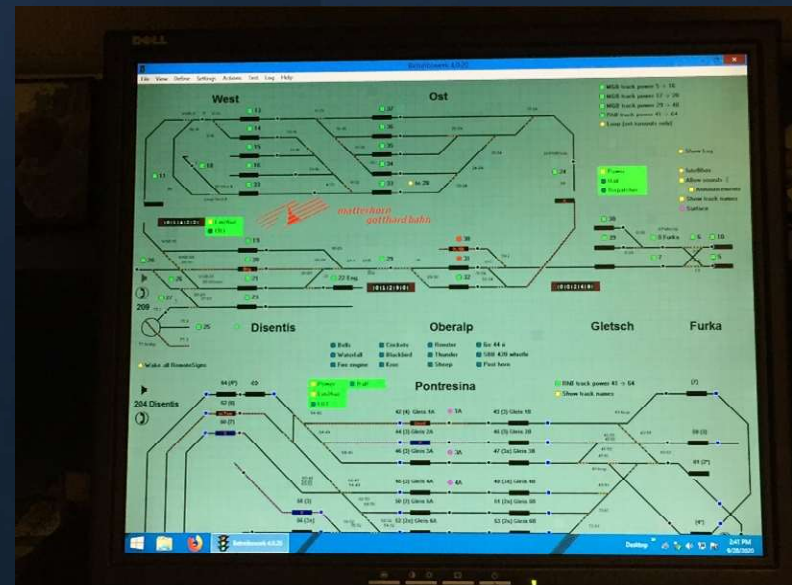
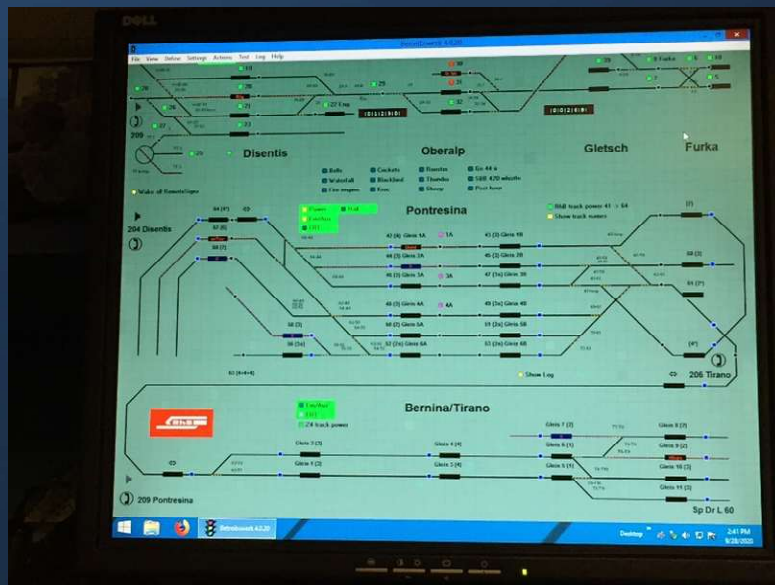


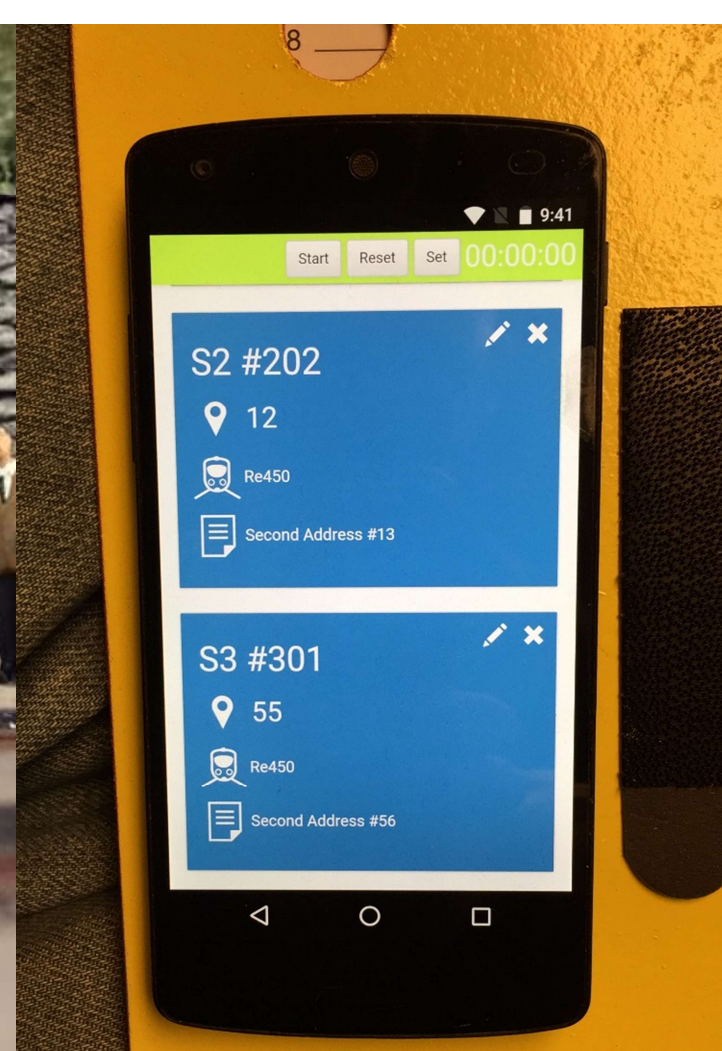


LocoNet Schematic



Bw Control

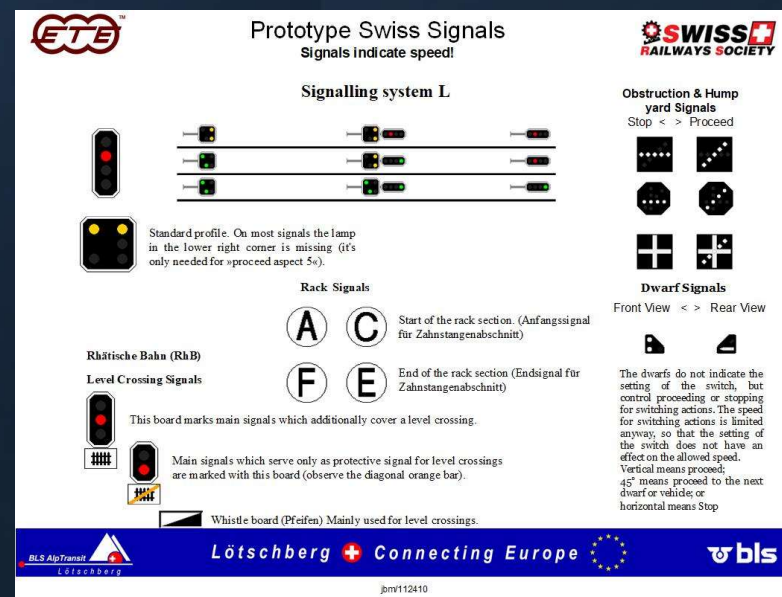
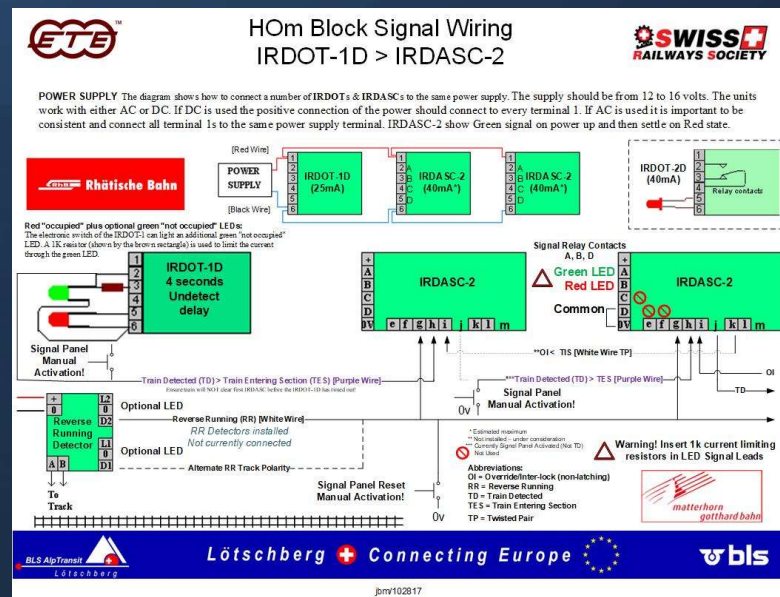




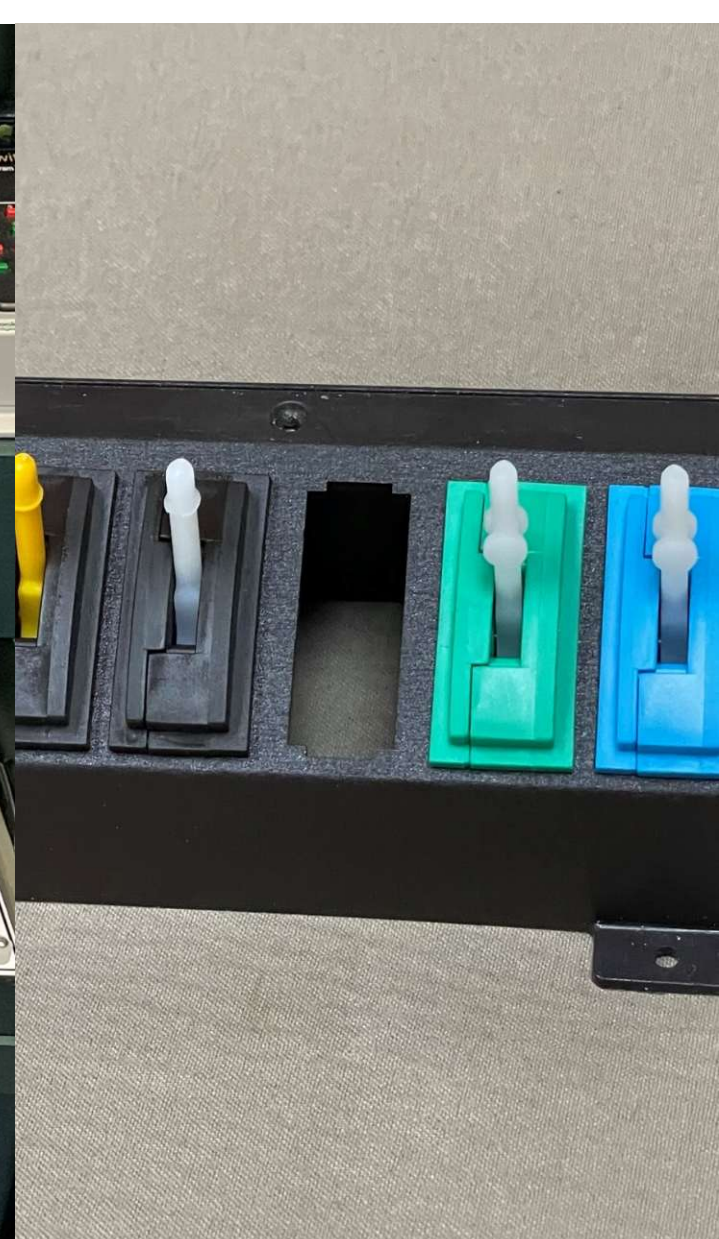
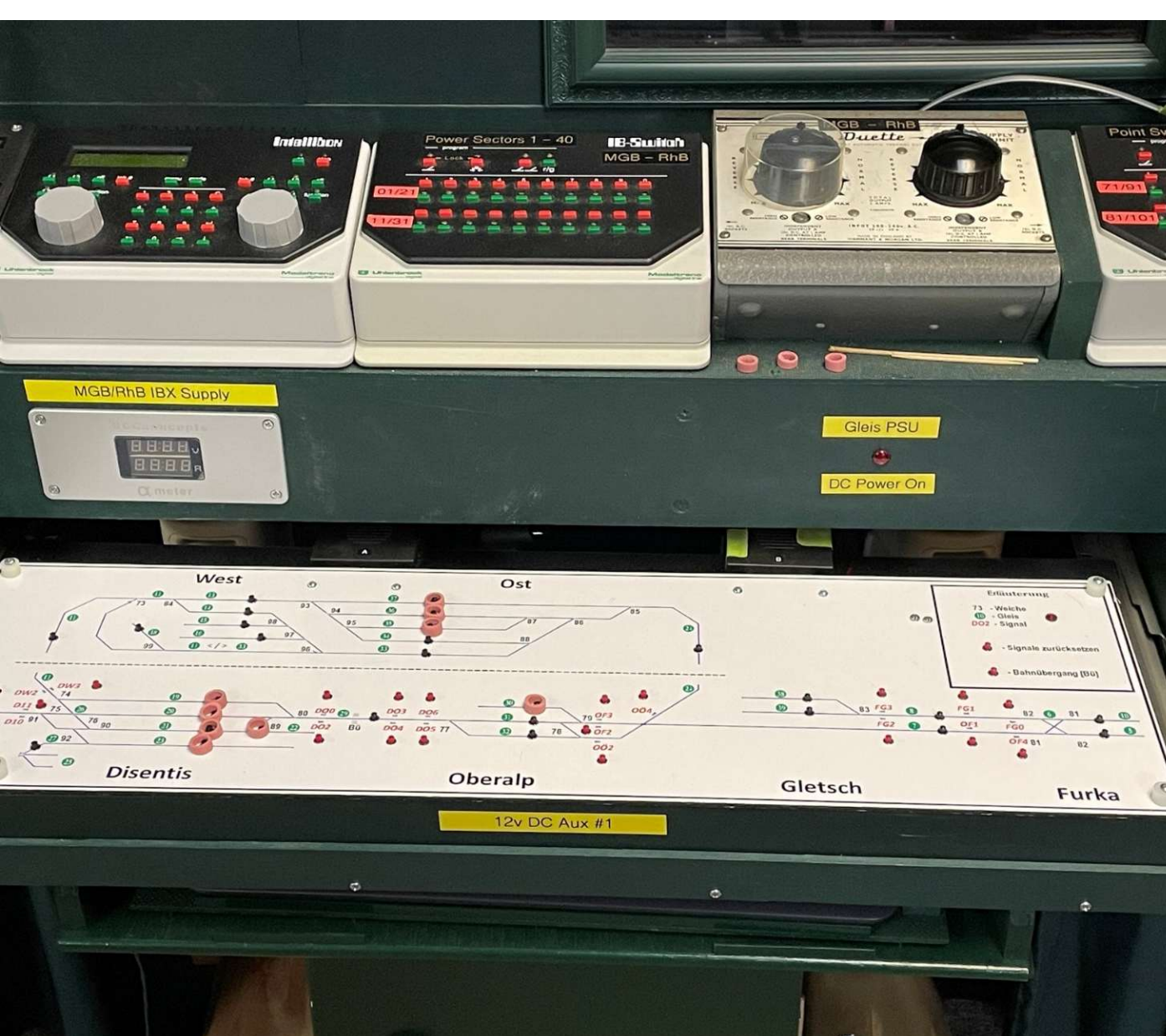
Keeping “Preiserlings” & Lokfuhres informed!



Signalling



Swiss Prototype System L and Weston MGB / RhB



Control Panel Switching



Absolute Block Signalling

- Plans in hand to emulate!



Winters Build Project -
Andermatt to Brig via Visp
Requires 4 removable links!





Plenty to keep
busy and that's
even before
scenicking!

Questions?

Request: Mitch (Bob Mitchell) is seeking a summer rental in our neck of the woods – late June to Early September. Contact Mitch or myself please

After Lunch Address:

45 Glenwood Road
Weston
CT 06883
1 203 434 2909 (Text or call)