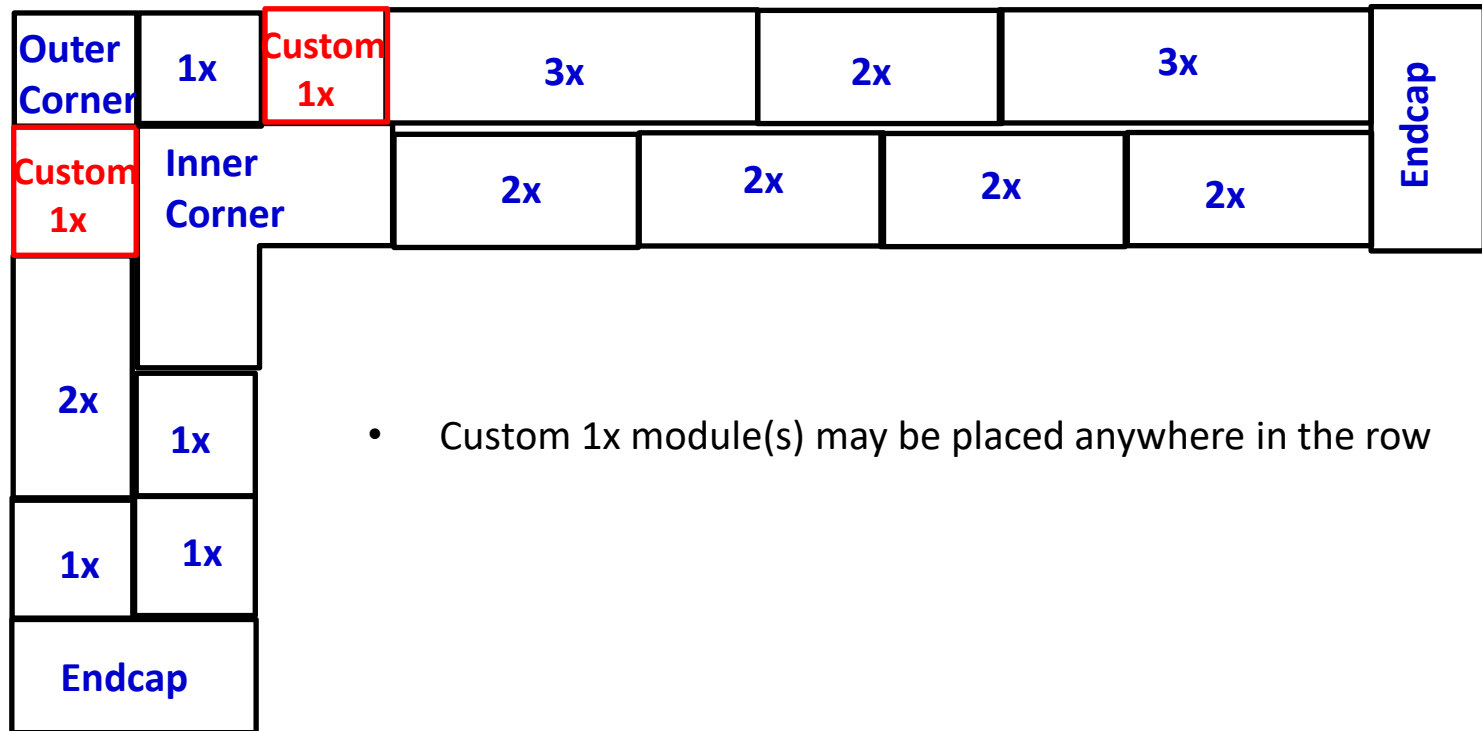


NWV T-Trak Modules Physical Set Up

- Double-wide row of modules are typically placed on a double-wide row of 30-inch-wide banquet tables, so modules are centered about 16 inches from table edges to reduce reaching in by small children.
- Select tables all of the same height. Place table edges together of the same height as much as possible.
- Place all modules on tables and check alignments before joining modules together.
- Most modules have screw-adjustable legs. If not, use cardboard shims in parts box to raise module edges to the same height.
- If the inner corner modules are used, one or two of the custom-length 1x modules must be used to obtain proper alignments, see following diagrams.

NWV T-Trak Modules Physical Set Up

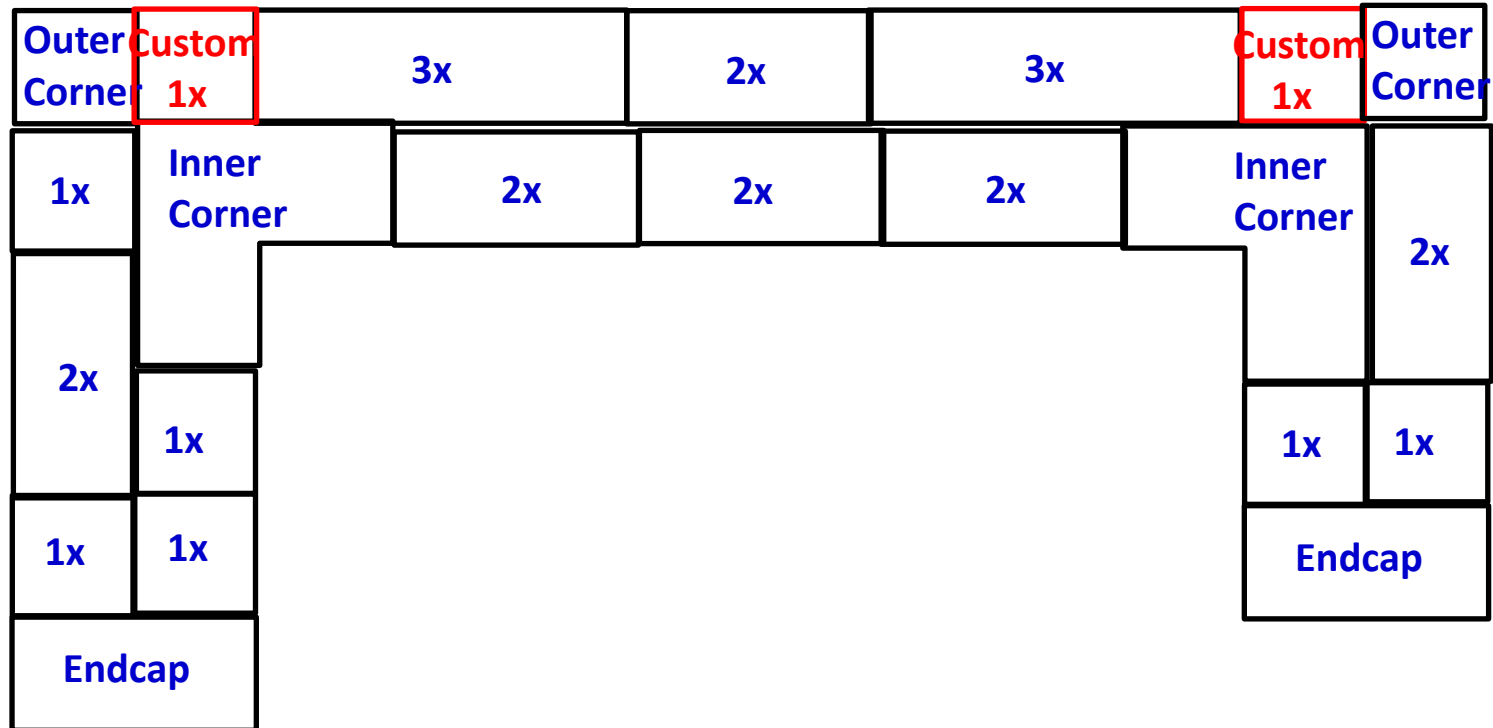
- Use of Custom 1x modules with one inner corner module.



- Custom 1x module(s) may be placed anywhere in the row

NWV T-Trak Modules Physical Set Up

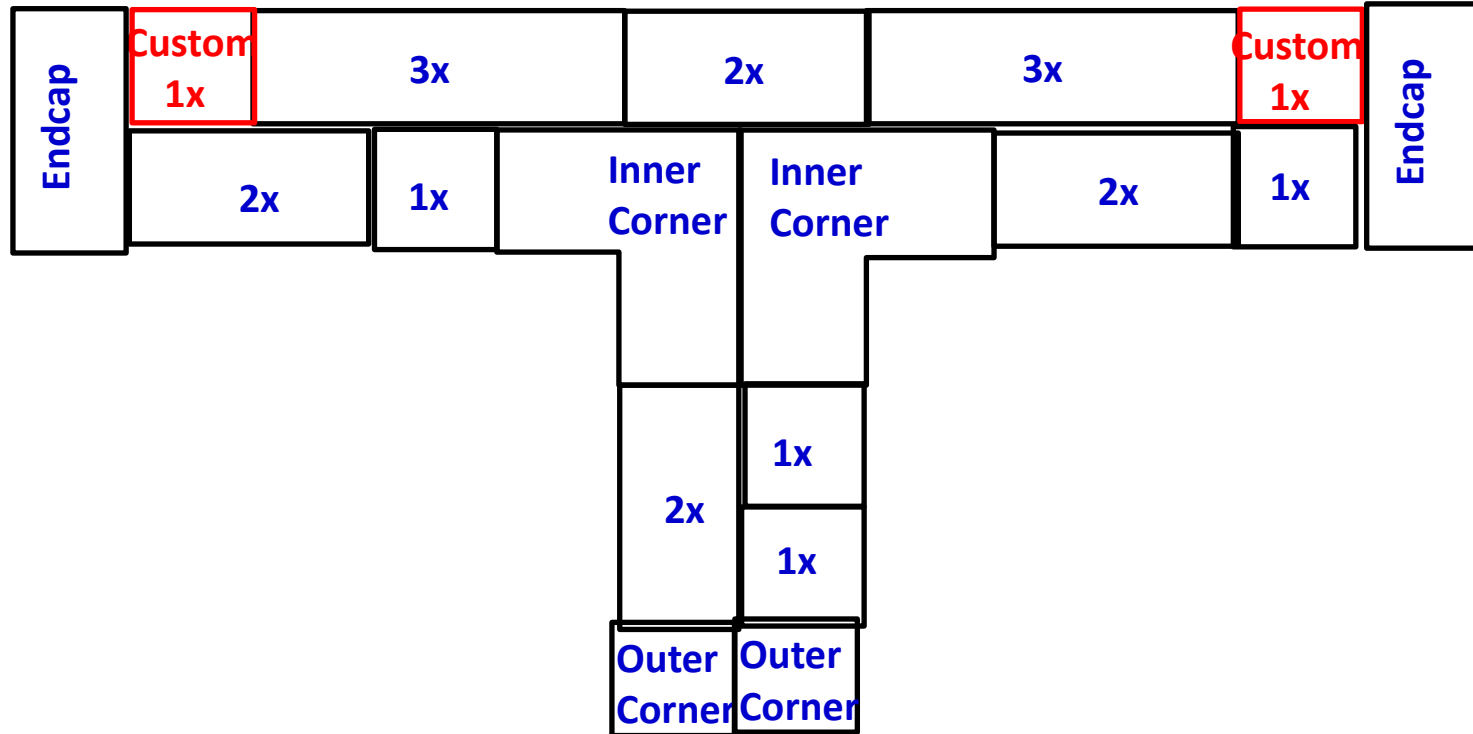
- Use of Custom 1x modules with two inner corner modules.



- Custom 1x module(s) may be placed anywhere in the row
- There will be a small gap between the rows of the center section
- Do not need Custom 1x modules in the two legs

NWV T-Trak Modules Physical Set Up

- Use of Custom 1x modules with two inner corner modules.

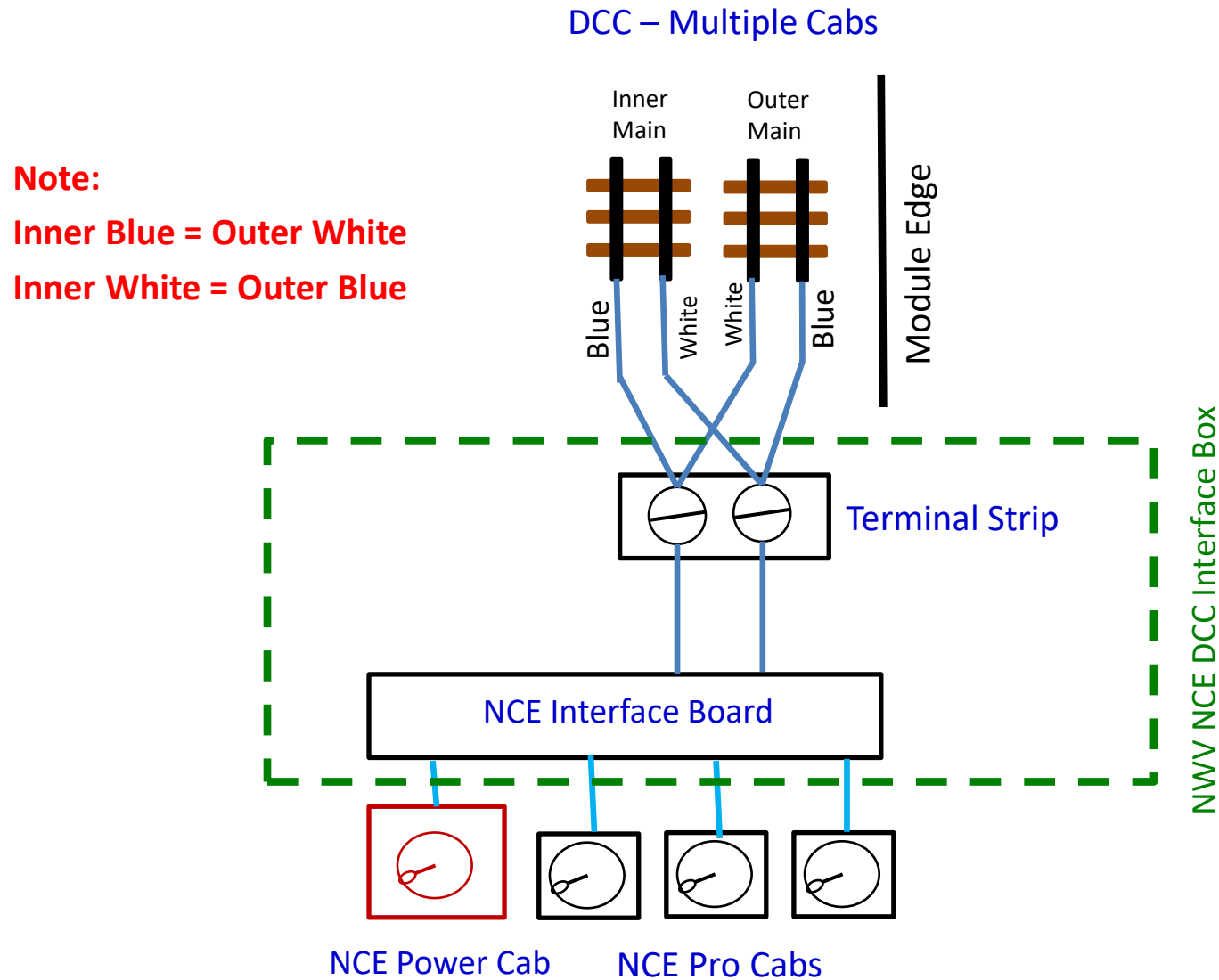


- Custom 1x module(s) may be placed anywhere in the row

NWV T-Trak Modules Power Connections

- NWV modules wiring uses Kato blue/white modular connectors for all track power connections and follows the original (DC) T-Trak wiring standard
- They could be used for DC operation, though unlikely
- The NCE DCC interface board criss-crosses the blue/white connections of the Inner and Outer mainlines to have consistent polarity when double-crossover modules are used between the two main line tracks. See wiring diagram on following page.
- One Power Cab throttle and up to four Pro Cab throttles can be used for NWV display layouts
-
- One NWV end cap module has red/yellow wiring connectors that can be used to connect to other DCC (Digitrax) T-Trak modules
- We may add red/yellow wiring to other modules in the future

NWV T-Trak Modules Power Connections



NWV T-Trak Modules Power Connections

- Connect the two power connectors on the NCE Interface Board to all the power drops on all of the modules using the three-to-one splitters to daisy-chain them all together.
- It may not be necessary to connect all modules if connecting cords are in short supply – Kato Unitrack has good connectivity through the rail joiners. Connect to the furthest modules, but maybe not to all 1x length modules along the way.
- The power buses for the Inner and Outer Main loop tracks must be kept separate.
- **Do Not** connect the Inner Blue to the Outer Blue or the Inner White to the Outer White – this will appear to work okay, but will cause electrical shorts if a double-cross-over module is used.
- There are jumper wires built into the NWV 1x cross-over modules. Do not disconnect them or connect them to the main power bus directly.

NWV T-Trak Modules Take Down

- Remove ALL rolling stock from the layout before beginning disassembly
- Power down the NCE system and disconnect it from the layout
- Make sure that all power bus wires have been disconnected before pulling modules apart!
- To separate the modules, insert a flat-blade screwdriver between them and gently pry them apart
- Secure the modules for transport, making sure that all scenery will be protected from damage
- Store the NCE Interface Board and power bus cables in the boxes they came in