



Now this could be some serious model railroading! As drawn, the layout is approximately 6'-3" wide by 13'-0" long. An overall table size of at least 7'-0" X 15'-0" is recommended.

This plan uses the #3-103 WGH Plan Set as its core and is expanded for two train operation. Freight service could be operated on the outside oval while an intercity commuter train could run on the inside oval.

It is important to note the insertion of #24-816 Insulated Unijoiners, required to prevent short circuit, at the juncture of back-to-back turnouts used as crossovers.

The Feeder Tracks are identified in the plan as S246F. Using (2) of the #22-014 KATO Power Packs would be ideal for quick plug-in of the Feeder Track cords. (If using power pack by other manufacturer, #24-843 Adapter Cord should be used to connect Feeder Track to power pack.) Using the KATO Power Packs would also eliminate the need for the #24-842 DC Converters.

Use a #24-840 Turnout Control Switch to electrically operate each turnout from a central command location. You will need to install a #2-503/504 DC Turnout Machine to each Manual Turnout to operate it electrically. If you are using a power pack by another manufacturer, use one (1) #24-842 DC Converter is required for each "group" of control switches. See package instructions for proper connection and operation. #24-841 Turnout Extension Cords may also be required.

<u>Item #:</u>	<u>Description:</u>	<u>Qty:</u>	<u>Color in plan</u>
#3-103	HO UNITRACK WGH Plan Set	1 set	green
#2-105	60mm Straight Track	2 pcs	pink
#2-111	94mm Straight Track	2 pcs	yellow
#2-120	114mm Straight Track	4 pcs	gray
#2-151	246mm Feeder Track	1 pc	gray
#2-160	227mm Straight Track	3 pcs	orange
#2-180	369mm Straight Track	20 pcs	light blue
#2-210	R550-22.5 Curved Track	1 pc	gray
#2-230	R670-22.5 Curved Track	17 pcs	orange
#2-240	R730-22.5 Curved Track	1 pc	gray
#2-503	DC Turnout Machine Left	3 pcs	
#2-504	DC Turnout Machine Right	3 pcs	
#2-840	Left Manual Turnout	1 pc	gray
#2-841	Right Manual Turnout	1 pc	gray
#2-861	Electric Turnout #6 Right	2 sets	gray
#22-014	KATO Power Pack (suggested)	2 each	
#24-816	Insulated Unijoiners	2 pcs	
#24-840	Turnout Control Switch	6 pcs	
#24-842	DC Converter	2 pcs	