CP 3478

September 1995

GRAHAM FARISH MAGNUM LAYOUT PLAN No. 9702

- REMEMBER THAT THE LAYOUT PLAN IS BOUND TO SPREAD A LITTLE WHEN IT IS WETTED AND PASTED DOWN.
- BECAUSE OF THIS, WAIT UNTIL THE LAYOUT PLAN HAS DRIED COMPLETELY, BEFORE YOU CHECK THE TRACK POSITIONS.
- 3. IF YOU ARE USING PECO SETRACK, WE SUGGEST THAT YOU FIT ALL THE TRACK SECTIONS LOOSELY TOGETHER FIRST, TO CHECK POSITIONING. IF NECESSARY, YOU CAN SLIGHTLY EASE THE TRACK SECTIONS APART TO TAKE UP ANY SPREADING THAT HAS OCCURRED DURING PASTING.
- 4. DO NOT DRIVE THE TACK PINS RIGHT HOME YET, BUT JUST TACK IT ALL ENOUGH TO GIVE YOU A CHANCE TO MAKE FINAL ADJUSTMENTS, IF NECESSARY.
- 5. IF YOU HAVE DECIDED TO FIT THE PECO STREAMLINE FLEXIBLE TRACK, ALL YOU NEED TO DO IS FOLLOW THE RED LINES PRINTED ON THE PLAN, SINCE IT WILL OBVIOUSLY BE POSSIBLE TO MAKE ADJUSTMENTS TO SUIT.

THIS IS THE DIAGRAM FOR CUSTOMERS USING PECO SETRACK, THE DIAGRAM IS NOT TO SCALE BUT IS DESIGNED TO SHOW WHICH PIECES CONNECT TO WHICH AND IN WHAT ORDER. (SEE ATTACHED LIST FOR PURCHASES REQUIRED TO COMPLETE THIS PLAN). NOTE: Cat. No. 9730 Magnum Layout Boards are delivered complete with all three 12 volt Power Wires connected into 1 pair of a 3 pair junction box ready for use with a POWERBOX 300 Transformer/Controller (not supplied). When purchased, just connect the two wires to your Controller into the opposite side of the Junction Box. For Multiple Controllers, refit the pairs of wires on both sides of the Junction Box similarly - i.e. one pair to one pair. Owners of Cat. No. 9702 Magnum Layout Plan only, should follow the Wiring Plan below, but will need to but the Junction Box from a Local Hardware Shop. INDEX: X = POWER CONNECTION POINTS = INSULATED FISH PLATES DON'T PANIC - ITS EASY!
NOTES ON CONNECTING UP THE POWER CONNECTION POINTS:- MARKED X X ON THE PLAN Purchase 4 pairs of Graham Farish Wired Fishplates (GF Cat. No. 0039). (NOTE: FISHPLATES are just another name for track connectors!) (Each pair consists of 2 metres of double wire, with each wire soldered to a metal fishplate - all ready for use.)
 Select the track sections indicated on the Plan on either side of the X X marks on the plan below. You will see that they are already fitted with a fishplate - one on each side of the two adjoining ends of the track sections for connecting them together.
 Remove the fitted metal fishplates from each side of the adjoining ends of the two track sections - and refit the wired fishplates in their place - (at THIS stage, you don't need to worry about which side to fit the fishplates, either side will do.)
 NOTE: The metal fishplates originally fitted to the track are not meant to come off easily, so you will need a pair of pliers to remove them - so do it carefully but firmly, and with determination! THE FOLLOWING SPECIAL NOTES ONLY APPLY TO LINKING THE TWO POWER CONNECTIONS WHERE MARKED ON THE DIAGRAM. 4. By this stage, you should have installed all 4 pairs of wired fishplates at the positions marked.

5. Looking at the diagram where it says "LINK THESE TWO POWER CONNECTIONS TOGETHER", you now pick up the pair of wires you have connected to the (INNER) side of the layout. (That is to say, below the Notice)

6. These two (INNER) wires, must be connected to the two (OUTER) wires, but NOW you MUST connect the two wires the right way round or you will get what is called a "dead short". This is not serious and will not cause damage - it just means that the layout will not work until you correct it, So don't panic! THE CORRECT CONNECTIONS ARE: (INNER WIRE "A" to OUTER WIRE "A") and (INNER WIRE "B" to OUTER WIRE "B") as marked on the Plan.

7. There are basically two ways of doing this:- (Still following "A" to "A" and "B" to "B" of course.)

a) Solder one wire from the (INNER) power connection to the wired metal fishplate of the (OUTER) power connection. Repeat for the other wire to be connected to the (OUTER) power connection.

ust carefully wind one wire from the (INNER) power connection around one wire of the (OUTER) power connection. Then do the same for the other b) pair.
NOTE: Although you do not require to use solder by this method, you may find it necessary to strip back the plastic coating of the wire connected to the (OUTER) power connection.

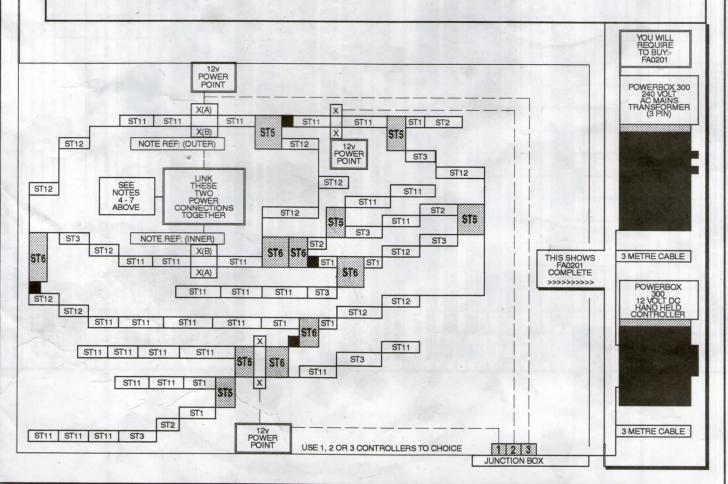
FITTING THE INSULATED FISHPLATES - MARKED

ON THE DIAGRAM BELOW

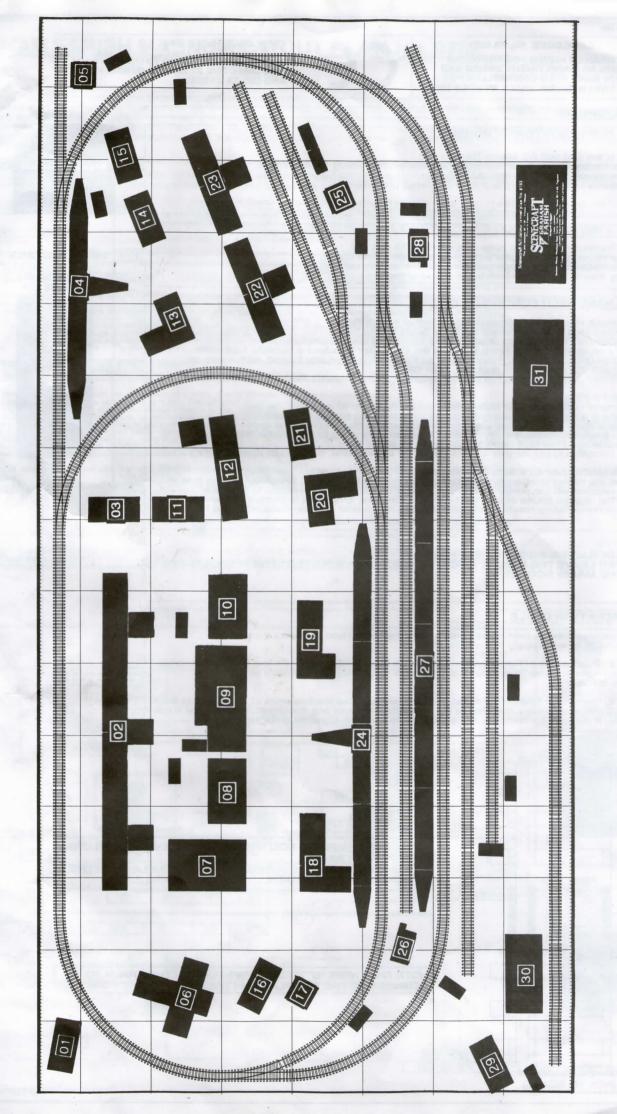
(INSULATED FISHPLATES ARE MERELY ANOTHER NAME FOR THE METAL FISHPLATES BUT ARE MADE OF PLASTIC, NOT METAL)

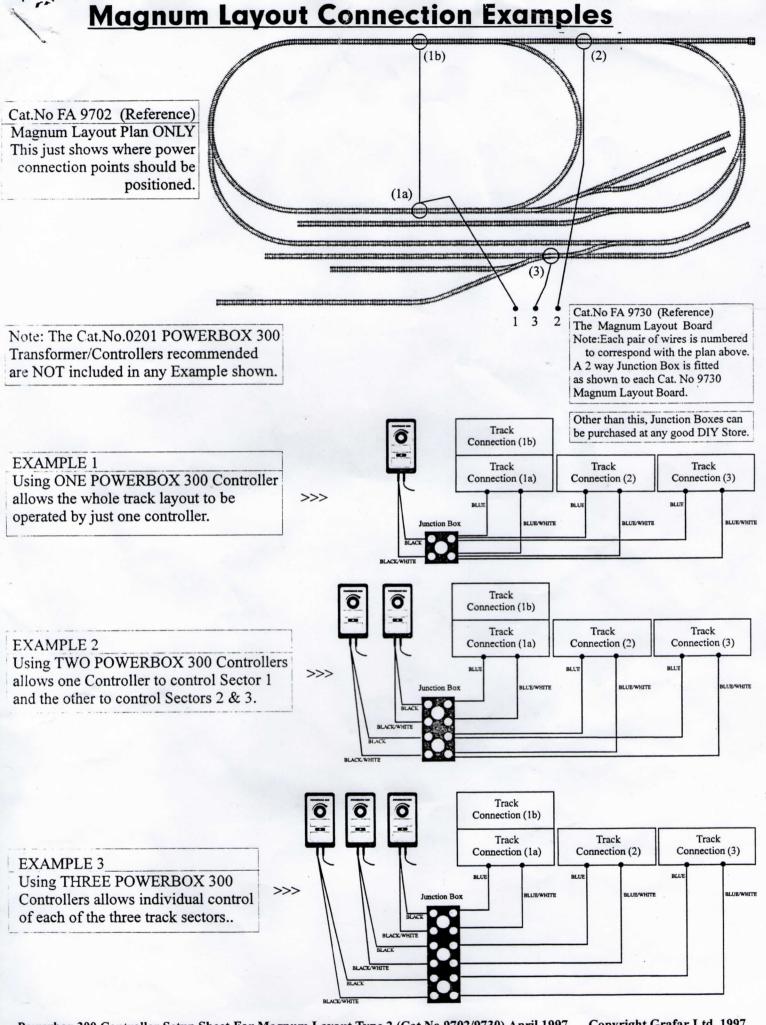
1. Purchase a packet of PECO insulated fishplates (Cat. No. SL311). which contains enough for your requirements on this Plan.

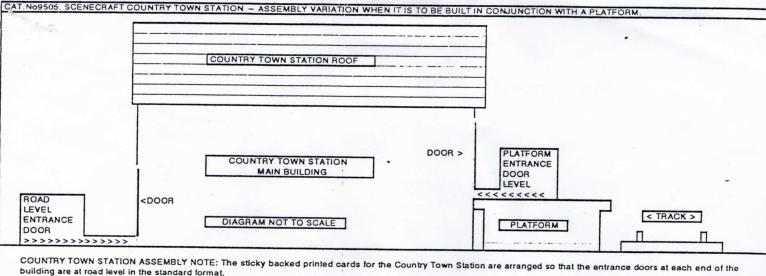
2. Again, proceed as paragraph Notes 2 and 3 above, and then fit the plastic fishplates in their place.



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CHASING N	PURCHASING NOTE: FOR MODELLERS WISHING TO COMPLETE THE MAGNUM LAYOUT PLAN NO. 9702 SIZE I SETS: MAGNUM LAYOUT PLAN NO. 9702 (AVAILABLE SEPARATELY) IS NOT INCLUDED IN T	O COMPLETE THE MAGNU 102 (AVAILABLE SEPARATE	Y) IS NOT INC	UDED IN	AYOUT PLAN No. 9702 S NOT INCLUDED IN THESE SETS AND NEEDS TO BE PURCHASED	S AND NEEL	S TO BE	PURCHA	SED.							
	YOU ALREADY HAVE 8 x (ST12) DOUBLE CLORNES WHICH YOU CAN USE, DUST THE DOWNHOUS AGO I HANDED STORMED CONTINUED.	DOUBLE CURVES WHICH	YOU CAN USE	PLUS THI	U CAN USE, PLUS THE POWERBOX 300 I HAN SFORMER CONTROLLER.	SETS AND	NOTOTION VEHICLS TO	A PE PI IR	CHASE							
SIZE 2 SETS:	THE MAGNUM LATACKS AND BUILDINGS ETC: THAT YOU ALREADY HAVE IN YOUR SET, PULS SET, PURSON 300 TRANSFORMER CONTROLLER	BUILDINGS ETC. THAT YOU	J ALREADY HA	VE IN YOUR	SET, PLUS	THE POWE	FRBOX 30	O TRANS	FORMER	CONTR	OLLER.					
SIZE 3 SETS:	AL SUPPER SETS INCLUDE MAGNUM LAYOUT PLAN No. 9702, EXTRA BUILDINGS, TRACK, POINTS AND POWERBOX 300 TRANSFORMER CONTROLLER. ALL SUPPER SETS INCLUDE MAGNUM LAYOUT PLAN NO. 9702, EXTRA BUILDINGS, TRACK, POINTS AND POWERBOX 300 TRANSFORMER CONTROLLER. ALL SUPPER SETS INCLUDE MAGNUM LAYOUT PLAN NO. 9702, EXTRA BUILDINGS, TRACK, POINTS AND POWERBOX 300 TRANSFORMER CONTROLLER.	AGNUM LAYOUT PLAN No.	9702, EXTRA B	UILDINGS,	TRACK, POI	OU WOULD	OWERBC LIKE TO	COMPLET	ANSFOR	MER CO	ATROLLEI LAYOUT.	œ				
CONSTRUCTION NOTES:		A TO PASTE THE LAYOUT FRY STRIPS SHOULD BE PA	LAN ONTO A 5 STED ONTO A	ft x 2ft 6in B 3mm EXTE	I ONTO A 5ft x 2ft 6in BOARD OF 3/4" CHIPBOARD. ED ONTO A 3mm EXTERIOR GRADE PLY. PY YOARD MEASURING 5ft 1/4in LONG x 43/6in DEPTH.	74" CHIPBO, DE PLY. LONG x 43/6	ARD.	+								
	4. PLUS TWO MORE 3mm EXTERIOR GRADE PLY BOARDS EACH MEASURING 2ft 6in x 43/8in DEPTH FOR THE SCENERY END BOARDS.	TERIOR GRADE PLY BOARI	DS EACH MEAS	SURING 2ft	Sin x 43/8in E	DEPTH FOR	THE SCE	ENERY EN	ND BOAF	DS.	1	1	ı		I	1
O SETRACH	PECO SETRACK AND SETRACK POINTS REQUIRED TO COMPLETE IN THE GHARMAM PARISH MAGNOM LATOOT FLAN NO. FOR THE EIGHT DELEGRATION OF THE STANDARD SETRACK AND THE TOTAL GRAHAM FARISH CUTCHING.	D TO COMPLETE THE GRA	HAM PARISH I	AGNOW LA	ETAII STOC	KISTS OF	PECO SE	TRACK		1					7	
PECO SETE	WHILST ALL GHAHAM FAHISH THAINSETS INCLUDE RECOMMENDED FECT SETTACK, WE'N'LL MOTEL. ALL PECO SETTACK AND FLEXITRACK AND POINTS MUST BE PURCHASED FROM YOU LOCAL MODEL.	IS MUST BE PURCHASED	FROM YOU LOC	AL MODEL	SHOP OR !	SHOP OR FROM PECO LTD, BEER, SEATON, DEVON EX12 3NA	O LTD, BE	EER, SEA.	TON, DE	VON EX1			100	0004		
SO SETRACK	PECO SETRACK PURCHASING LIST:		OWNERS	OWNERS OF GRAHAM FARISH	M FARISH		OWNE	OWNERS OF GRAHAM FARISH	RAHAM	FARISH		CWNERS	CIZE 2 TRAINSETS	OWNERS OF GRAHAM FARISH		
	FOR MAGNUM LAYOUT	OR: IF USING	SIZE 1 TRAINSETS	NNSETS			SIZE S	AI READY HAVE:	מ ע			ALREADY HAVE	HAVE			
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	PECO SHORT STRAIGHT					See all										
1	SECO STANDARD CURVE															
2	PECO RIGHT HAND POINT	2							1	-						
7	PECO LEFT HAND POINT	7							-			-	- a			
8	PECO DOUBLE STRAIGHT		α				80	8	-	-			7			
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	(YARD LENGTHS)	YARDS								-		×				
8	PECO INSULATED FISHPLATE	(1 PKT)						-		-						
	PECO METAL FISHPLATE	(2 PKTS)		-						+		-				
-	PECO TRACK PINS (PACKET)	(1 PKT)						-		-						
FA0039 4 C	GRAHAM FARISH	4						_		-						
											Total Control					







building are at road level in the standard format.

HOWEVER: If you wish to place a platform along one end of this building, (as is necessary for the Magnum Layout Plan No.9702), this will of course obstruct that entrance. The diagram above shows, that all you need to do is to cut down the height of the pinted card of the Main Building (at the platform end of the building) so that the bottom of the entrance door is then level with the top of the platform. We recommend that you try this out for positioning before you cut the card or peel off the backing paper. This suggests that there is probably an imaginery set of steps inside the Booking Hall — thus making good sense of this interesting but simple and realistic modification.