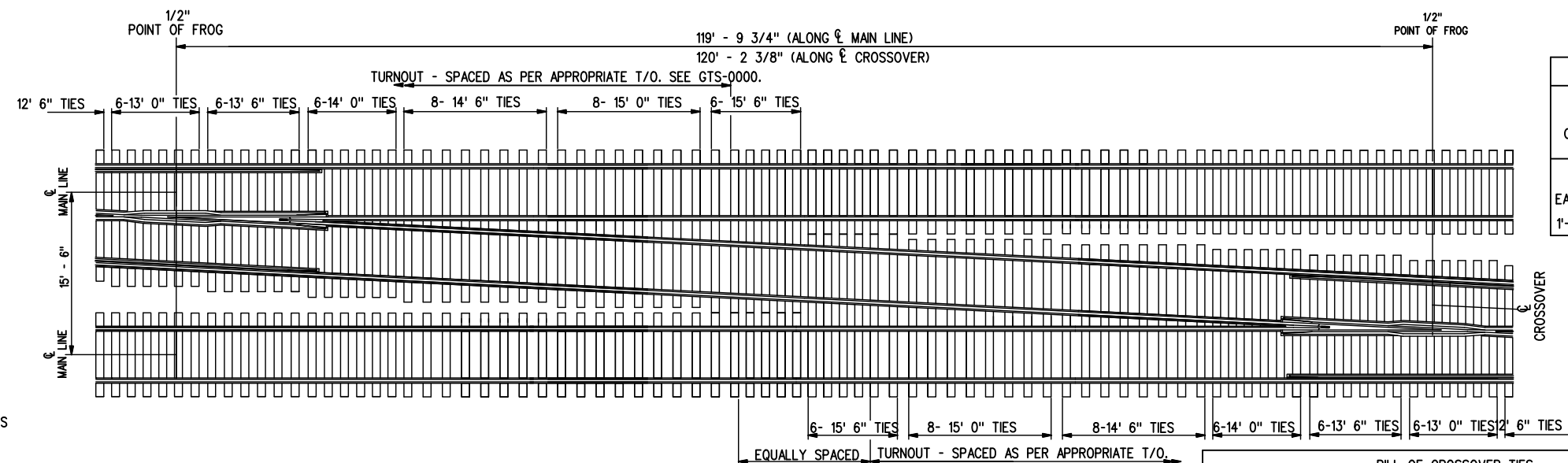
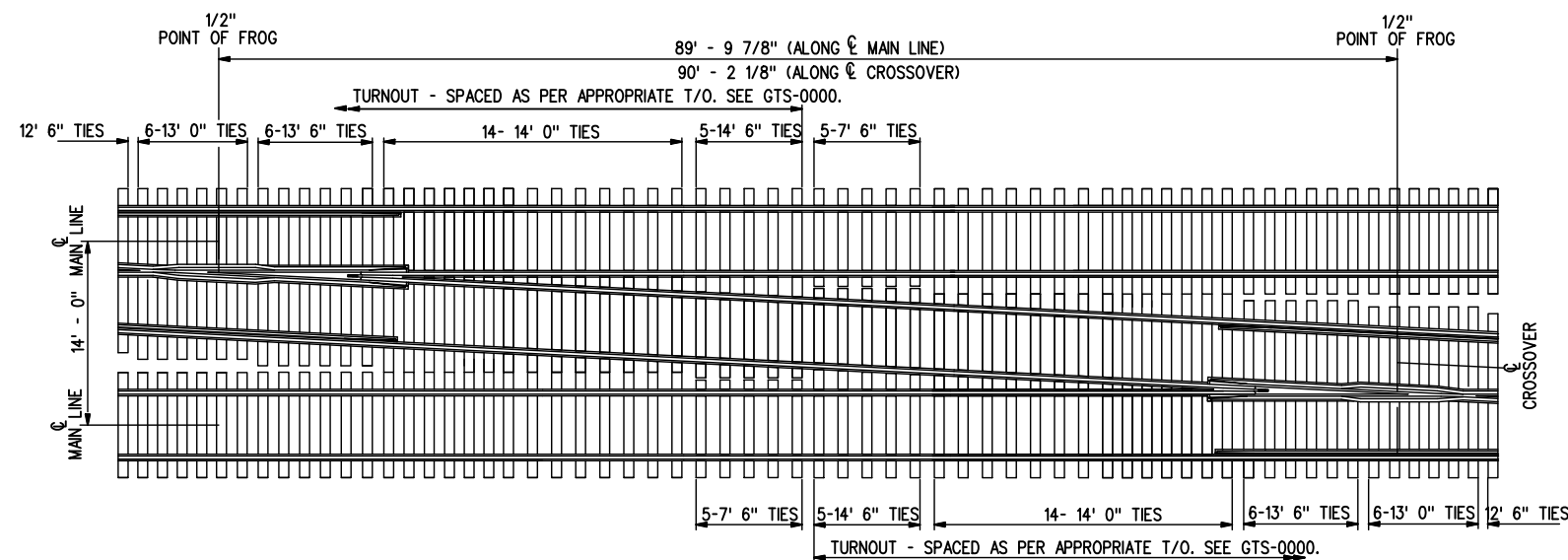


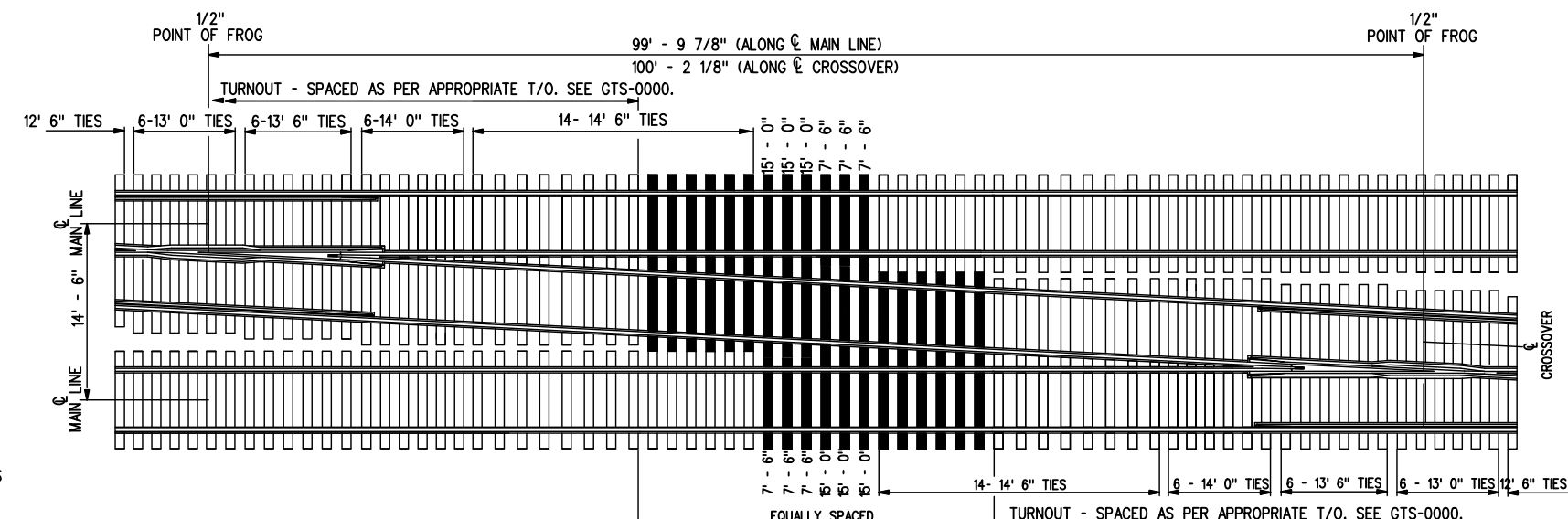
15' - 0" TRACK CENTRES



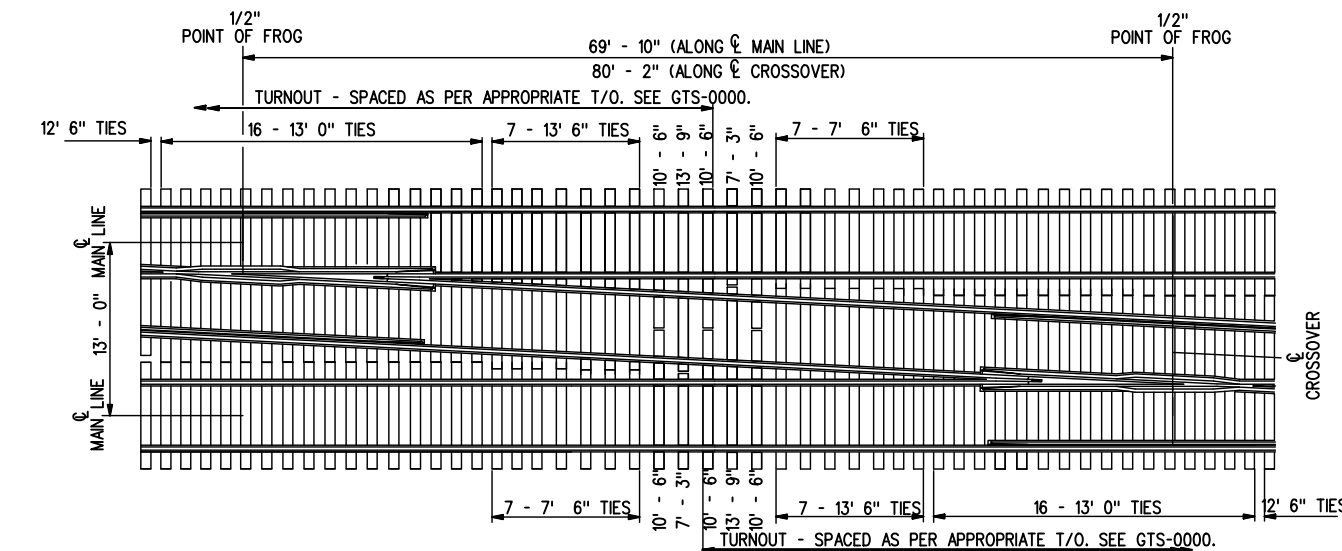
15' - 6" TRACK CENTRES



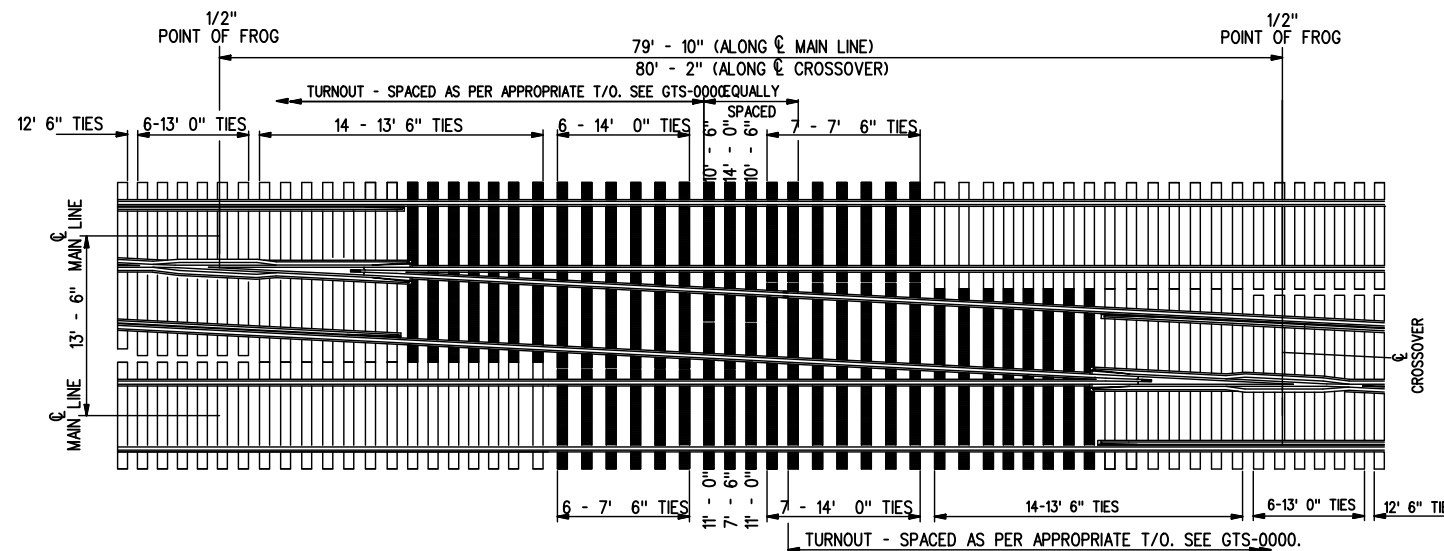
14' - 0" TRACK CENTRES



14' - 6" TRACK CENTRES



13' - 0" TRACK CENTRES



13' - 6" TRACK CENTRES

TRACK CENTRES OVER 15'-6"		
TRACK CENTRES	DISTANCE BETWEEN 1/2" FROG POINTS	
	ALONG MAIN LINE	ALONG CROSSOVER
16'-0"	129'-9.5/8"	130'-2.3/8"
EACH_ADD	19'-11.7/8"	20'-0.1/8"
1'-0" ADD	19.988'	20.013'

BILL OF CROSSOVER TIES (7" X 9")						
LENGTH OF TIE	TRACK CENTRES / QUANTITY					
	13'-0"	13'-6"	14'-0"	14'-6"	15'-0"	15'-6"
7'-3"	2	-	-	-	-	-
7'-6"	16	14	10	8	-	-
9'-0"	58	58	58	58	58	58
9'-6"	28	28	28	28	28	28
10'-0"	22	22	22	22	22	22
10'-6"	24	20	18	18	18	18
11'-0"	14	16	16	14	14	14
11'-6"	12	12	12	12	12	12
12'-0"	12	12	12	12	12	12
12'-6"	10	10	10	10	10	10
13'-0"	32	12	12	12	12	12
13'-6"	14	28	12	12	12	12
13'-9"	2	-	-	-	-	-
14'-0"	-	14	16	12	12	12
14'-6"	-	-	10	28	16	16
15'-0"	-	-	-	6	22	16
15'-6"	-	-	-	-	-	12
TOTAL NO.	246	248	236	252	248	254
LIN. FT.	2550.75	2637	2558	2814	2814	2916
FT. BOARD MEASURE	13391	13844	14311	14774	14734	15309

FOR CROSSOVER OF 16'-0" CENTRES AND OVER USE TWO COMPLETE SETS OF TURNOUT TIES AND TRACK TIES FOR THE BALANCE REQUIRED. (FOR QUANTITY SEE T/O DRAWING).

THE ABOVE TABLE INCLUDES TWO PARTIAL SETS OF TURNOUT TIES PLUS CROSSOVER TIES (REPLACING TURNOUT TIES) FOR ONE CROSSOVER.

LEGEND

- TRACK TIES - SPACED AS PER GO TRACK STANDARDS-1301.
- TURNOUT TIES - SPACED AS PER APPROPRIATE T/O. SEE GTS-0000.
- CROSSOVER TIES.
- 1- COMPLETE CROSSOVER TO BE INSTALLED ACCORDING TO GO TRACK STANDARDS 3500, LATEST ISSUE.
- 2- FOR OTHER GENERAL ARRANGEMENT CROSSOVER DRAWINGS, SEE INDEX DRAWING GTS - 0.

METRIC CONVERSION: 1 inch=25.4mm, 1 foot=304.8mm

1	18/07/27	ADDED IMPERIAL TO METRIC CONVERSION NOTE	
No.	Date	Revision	By Approved
Standard GENERAL ARRANGEMENT NO. 20 CROSSOVER (39'0" POINTS) FOR VARIOUS TRACK CENTRES			
Drawn	RFP	Checked	Approved <i>[Signature]</i> VP Engineering & Asset Management
Date	SEPT 15/2017	Plan Number	GTS-0243 Rev 1
REFERENCE: TS-0243_2_R0		Sheet 1 OF 1	