

被 告 製 品 目 録

商品名	Quite（クワイト）鉄道編
機 能	鉄道向けコンピューター支援設計製図ソフトウェアプログラム
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(別紙 1)

YBJ-TR68.DEC Page 1

```
1 (princ "%nybj-TR68 v3.1%")
2 : 内容:電車線*o行程、基準線作成
3 : 作成:89-04-20 サブ:無し 備考:
4 :
5
6 (setq B1 0)
7
8 (princ "%n%nybj-TR68 v3.1%")
9 (princ "%n《JR-CAD》【電車線*o行程、基準線作成】")
10 (princ "%n")
11 (princ "%n1. データファイルの作成")
12 (princ "%n")
13 (princ "%n2. データファイルの修正")
14 (princ "%n")
15 (princ "%n3. 基本線作成 (データファイル作成後)")
16 (princ "%n")
17 (princ "%n4. データファイルの文法説明")
18 (princ "%n")
19 (princ "%nO. 終了")
20 (princ "%n")
21 (setq B0 (getint "%n目的の番号を入力 <0> : "))(if (= B0 nil)(setq B0 0))
22
23 (if (= B0 1)(load "Z:YBJ-TQ02"))
24 (if (= B0 2)(load "Z:YBJ-TR80"))
25 (if (= B0 3)(load "Z:YBJ-TR79"))
26 (if (= B0 4)(load "Z:YBJ-TR78"))
27 (if (= B0 0)(setq B1 1))
28
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(別紙2)

YBJ-TQ02.DEC Page 1

```
1 (princ "%nybj-TQ02 v3.0%")
2 ; 内容;; 電車線基本データ作成
3 ; 作成:90-02-06 備考:点データ入力サブルーチン
4 ;
5
6 (setq NO 1)
7
8 (princ "%n%n《JR-CAD》【電車線*。行程、基準線データ登録】")
9 (princ "%n%n電車線基本データ登録%n")
10
11 (setq F1 "T:TEST.DAT")
12
13 (setq V0 (getreal "%n●キロ行程の最初の値をにm単位で入力<0>:"))
14 (if (= V0 nil)(setq V0 0.0))
15 (setq V0 (rtos V0 2 2))
16
17 (princ "%n%n●キロ行程のオフセット値(スタート値から最)")
18 (setq V1 (getreal "%n初のマークまでの距離)をm単位で入力<0>:"))
19 (if (= V1 nil)(setq V1 0.0))
20 (setq V1 (rtos V1 2 2))
21
22 (setq V2 (getreal "%n%n●縮尺の分母のみ(例:1/500は500)入力<500>:"))
23 (if (= V2 nil)(setq V2 500.0))
24 (setq V2 (rtos V2 2 0))
25
26 (princ "%n%n●キロ用紙サイズ A 4 (高さ210mm) A 3 (高さ297mm)")
27 (setq V3 (getstring "%n A 2 (高さ420mm)を入力<A4>:"))
28 (if (= V3 "")(setq V3 "A4"))
29
30 (setq F0 (open F1 "w"))
31 (write-line V0 F0)
32 (write-line V1 F0)
33 (write-line V2 F0)
34 (write-line V3 F0)
35
36 (setq V0 (getstring "%n%nスパンを入力<50>"))
37 (if (= V0 "")(setq V0 "50"))
38
39 (princ "%n%nL又はRを入力すると最後の基準線の左右に補助線が作成されます")
40
41 (while (/= V0 "999")
42
43 (write-line V0 F0)
44
45
46 (princ "%n%nスパンを入力(終了は999)<") (princ V0)
47 (setq B0 (getstring ">")) (if (/= B0 "")(setq V0 B0))
48
49 );w
50
51 (close F0)
52
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1 (princ "Ynybj-TR79 v3.2Yn")
2 : 内容:電車線*o工程、基準線作成(サブ 作成)
3 : 作成:89-04-20 サブ:無し 備考:
4 :
5
6 (textscr)
7
8 (princ "YnYnYnYnYnYnYnYnYnYn")
9 (princ "Yn《J R-CAD》【電車線*o工程、基準線作成】")
10 (princ "Yn")
11 (setq FO "I:TEST.DAT")
12 (setq F1 (open FO "r"))
13
14 (if (= F1 nil)
15 (while 1
16 (princ "YnYnデータファイルがありません...")
17 (getint "YnYn【命令中断】を押して下さい:")
18 );w
19 );i
20
21 (close F1)
22 (setq F1 (open FO "r"))
23
24 :----*o行程-----
25 (setq V0 (read-line F1))
26 (setq V0 (atof V0) V1 (rtos (/ V0 100.0) 2 0))
27 (setq L1 (strlen V1) V2 (substr V1 1 (- L1 1)) V3 (substr V1 L1))
28
29 (setq B0 (strcat V2 "K" V3 "00m"))
30 (princ "YnYnYnスタートの*o行程は【】(princ B0)(princ "] です")
31
32 :----*o行程オフセット-----
33 (setq V9 (read-line F1))
34 (setq V9 (atof V9) B0 (rtos V9 2 0))
35 (princ "YnYnYnスタートのマークのオフセット距離は【】(princ B0)(princ "m] です")
36
37 :----縮尺-----
38 (setq Z0 (read-line F1))
39 (setq Z0 (atof Z0) Z1 (rtos Z0 2 0) Z0 (/ 1.0 Z0))
40
41 (setq B0 (strcat "1/" Z1))
42 (princ "YnYnYn縮尺は【】(princ B0)(princ "] です")
43
44 :----サイズ-----
45 (setq A0 (read-line F1))
46 (if (= (substr A0 1 2) "A4")
47 (setq Y0 105.0 Y1 10.0 Y2 30.0 Y3 180.0 Y4 185.0 Y5 195.0 Y6 210.0 B0 "A4(高さ210mm)")
48 (if (= (substr A0 1 2) "A3")
49 (setq Y0 145.0 Y1 15.0 Y2 40.0 Y3 260.0 Y4 270.0 Y5 280.0 Y6 297.0 B0 "A3(高さ297mm)")
50 (if (= (substr A0 1 2) "A2")
51 (setq Y0 210.0 Y1 15.0 Y2 40.0 Y3 385.0 Y4 395.0 Y5 405.0 Y6 420.0 B0 "A2(高さ420mm)")
52 (setq B0 "不適当")
53 ))) :iii
54
55 (princ "YnYnYn用紙サイズは【】(princ B0)(princ "] です")
56
57 (setq P0 (getpoint "YnYnYnスタート位置を指示してください <0,0> : "))
58
59 (if (= P0 nil) (setq P0 (list 0 0)))
60
61 :-----
62 (setq X0 (car P0) X1 X0 X4 X0 N0 0)
63
64 (command "LAYER" "M" "5" "")
65 (command "line" (list X0 Y2) (list X0 Y3) "")
66
67 (setq S0 (read-line F1))
68
69 (while (/= S0 nil)
70
71 :----左基準記入-----
72 (if (= (substr S0 1 1) "L")
73 (progn
74 (command "LAYER" "M" "1" "")
75 (setq X3 (- X0 4.0))
76 (command "line" (list X3 Y2) (list X3 Y3) "")
77 );p
78 :----右基準記入-----

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79 (if (= (substr S0 1 1) "P")
80   (progn
81     (command "LAYER" "M" " ")
82     (setq X3 (+ X0 4.0))
83     (command "line" (list X3 Y2) (list X3 Y3) "")
84   );p
85 (progn
86   ;----ずばん記入-----
87   (setq X1 (atof S0))
88   (if (/= X1 nil)
89     (progn
90       (setq X1 (+ X1 1000.0 Z0))
91       (setq X0 (+ X0 X1))
92       (setq X2 (- X0 (/ X1 2.0)))
93       (command "LAYER" "M" "5")
94       (command "line" (list X0 Y2) (list X0 Y3) "")
95       (command "LAYER" "M" "1")
96       (command "TEXT" "M" (list X2 Y0) 2.5 0.0 S0)
97     );p
98 );p
99 );i
100 );i
101 );i
102
103 (setq S0 (read-line F1))
104 );w
105
106 (close F1)
107
108 (command "LAYER" "M" "4" "")
109 (command "line" (list X4 (/ Y6 2.0)) (list X0 (/ Y6 2.0)) "")
110 (command "LAYER" "M" "3" "")
111 (command "line" (list X4 0.0) (list X0 0.0) "")
112 (command "line" (list X4 Y6) (list X0 Y6) "")
113 (command "LAYER" "M" "2" "")
114 (command "line" (list X4 Y1) (list X0 Y1) "")
115 (command "line" (list X4 (+ Y1 5)) (list X0 (+ Y1 5)) "")
116 (command "LAYER" "M" "1" "")
117 (command "line" (list X4 (+ Y1 10)) (list X0 (+ Y1 10)) "")
118 (command "line" (list X4 (+ Y1 15)) (list X0 (+ Y1 15)) "")
119 (command "line" (list X4 (+ Y1 20)) (list X0 (+ Y1 20)) "")
120 (command "LAYER" "M" "6" "")
121 (command "line" (list X4 Y4) (list X0 Y4) "")
122 (command "LAYER" "M" "1" "")
123 (command "line" (list X4 Y5) (list X0 Y5) "")
124
125 : X1:図面上の距離      X9:図面上のオフセット距離(mm)
126 : V1:表示される距離(M) V9:offset(M) S1:表示内容(S)
127 : V8:表示上の最終位置(M) V0:最初の距離(M)
128
129 (setq X9 (+ V9 Z0 1000.0))
130 (setq V8 (+ (/ (- (+ X0 X9) X4) Z0 1000.0) V0))
131 (setq V1 V0)
132
133 (command "LAYER" "M" "1" "")
134
135 (while (<= V1 V8)
136
137   (setq X1 (+ (+ (- V1 V0) Z0 1000.0) X9 X4))
138   (if (= V1 (+ (fix(/ V1 1000.0)) 1000.0))
139     (progn
140       (command "insert" "S:YBD-ET02" (list X1 Y5) &ZB "" 0.0)
141       (setq S0 (rtos (/ V1 100.0) 2 0) L1 (strlen S0) S2 (substr S0 1 (- L1 1)))
142       (setq S3 (substr S0 L1) S1 (strcat S2 "}" S3 "00}M"))
143       (command "TEXT" "C" (list X1 (+ Y5 5.0)) (+ &ZB 2.5) 0.0 S1)
144     );p
145   (if (= V1 (+ (fix(/ V1 500.0)) 500.0))
146     (progn
147       (command "insert" "S:YBD-ET04" (list X1 Y5) &ZB "" 0.0)
148       (setq S0 (rtos (/ V1 100.0) 2 0) L1 (strlen S0) S2 (substr S0 1 (- L1 1)))
149       (setq S3 (substr S0 L1) S1 (strcat S2 "}" S3 "00}M"))
150       (command "TEXT" "C" (list X1 (+ Y5 5.0)) (+ &ZB 2.5) 0.0 S1)
151     );p
152   (progn
153     (command "insert" "S:YBD-ET03" (list X1 Y5) &ZB "" 0.0)
154     (setq S0 (rtos (/ V1 100.0) 2 0) L1 (strlen S0))
155     (setq S3 (substr S0 L1))
156     (command "TEXT" "C" (list X1 (+ Y5 5.0)) (+ &ZB 2.5) 0.0 S3)

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157 ):p
158 ):i
159 ):i
160
161 (setq V1 (+ V1 100.0))
162
163 ):w
164 (command "LAYER" "M" "4" "")
165
166 (setq PD nil A0 nil F0 nil F1 nil L1 nil B0 nil)
167 (setq V0 nil V1 nil V2 nil V3 nil V8 nil V9 nil)
168 (setq Z0 nil Z1 nil)
169 (setq Y0 nil Y1 nil Y2 nil Y3 nil Y4 nil Y5 nil Y6 nil)
170 (setq X0 nil X1 nil X2 nil X3 nil X4 nil x9 nil N0 nil)
171 (setq S0 nil S1 nil S2 nil S3 nil)
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