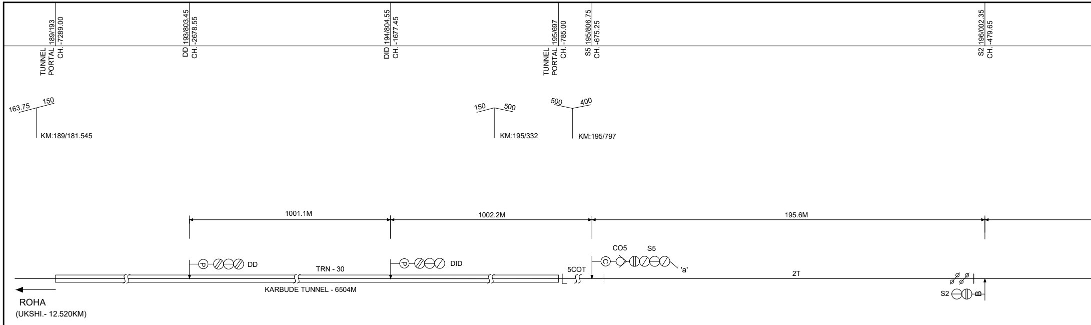
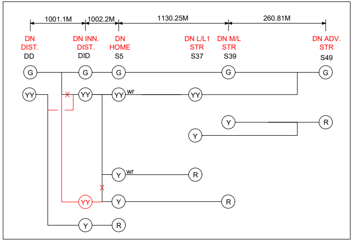
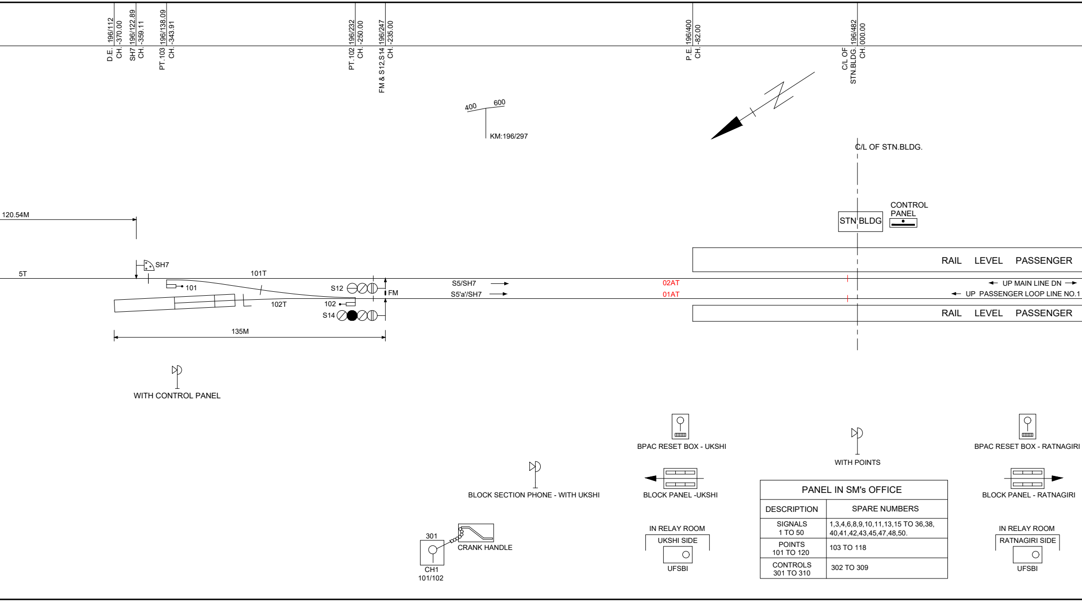

TUNNEL PORTAL
189/193
CH. -7289.00
DD
193/803.45
CH. -2678.55
DID
194/804.55
CH. -1677.45
TUNNEL PORTAL
195/697
CH. -785.00
S5
195/806.75
CH. -675.25
S2
196/002.35
CH. -479.65
163.75
150
KM:189/181.545
150
500
KM:195/332
500
400
KM:195/797
1001.1M
1002.2M
195.6M
DD
TRN - 30
DID
5COT
CO5
S5
'a'
2T
S2
KARBUDE TUNNEL - 6504M
ROHA
(UKSHI.- 12.520KM)

DN - SIGNAL ASPECT CONTROL CHART →


1001.1M
1002.2M
1130.25M
260.81M
DN DIST.
DD
DN INN. DIST.
DID
DN HOME
S5
DN L/L1 STR
S37
DN M/L STR
S39
DN ADV. STR
S49
G
G
G
G
G
YY
YY
YY
wr
YY
X
Y
R
Y
Y
wr
R
X
YY
Y
R
Y
R

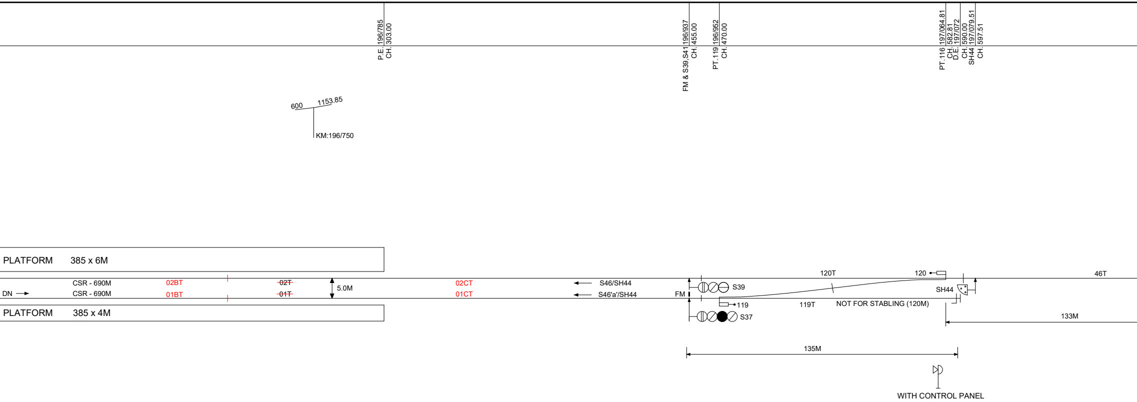
wr - WITH ROUTE INDICATOR

SR. NO.	POINTS NO.	ANGLE OF T/OUT
1.	101/102	1 IN 12 (C.S.)
2.	119/120	1 IN 12 (C.S.)

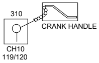

D.E. 196/112
CH. -370.00
SH7 196/122.89
CH. -359.11
PT.103 196/138.09
CH. -343.91
PT.102 196/232
CH. -250.00
FM & S12,S14 196/247
CH. -235.00
P.E. 196/400
CH. -82.00
C/L OF STN.BLDG. 196/482
CH. 000.00
400
600
KM:196/297
C/L OF STN.BLDG.
CONTROL PANEL
STN BLDG
120.54M
SH7
5T
101T
101
102T
S12
FM
102
S14
135M
S5/SH7
S5'a'/SH7
02AT
01AT
RAIL LEVEL PASSENGER
UP MAIN LINE DN
UP PASSENGER LOOP LINE NO.1
RAIL LEVEL PASSENGER
WITH CONTROL PANEL
BPAC RESET BOX - UKSHI
WITH POINTS
BPAC RESET BOX - RATNAGIRI
BLOCK SECTION PHONE - WITH UKSHI
BLOCK PANEL -UKSHI
BLOCK PANEL - RATNAGIRI
301
CRANK HANDLE
CH1
101/102
IN RELAY ROOM
UKSHI SIDE
UFSBI
IN RELAY ROOM
RATNAGIRI SIDE
UFSBI

PANEL IN SM's OFFICE

DESCRIPTION	SPARE NUMBERS
SIGNALS 1 TO 50	1,3,4,6,8,9,10,11,13,15 TO 36,38, 40,41,42,43,45,47,48,50.
POINTS 101 TO 120	103 TO 118
CONTROLS 301 TO 310	302 TO 309

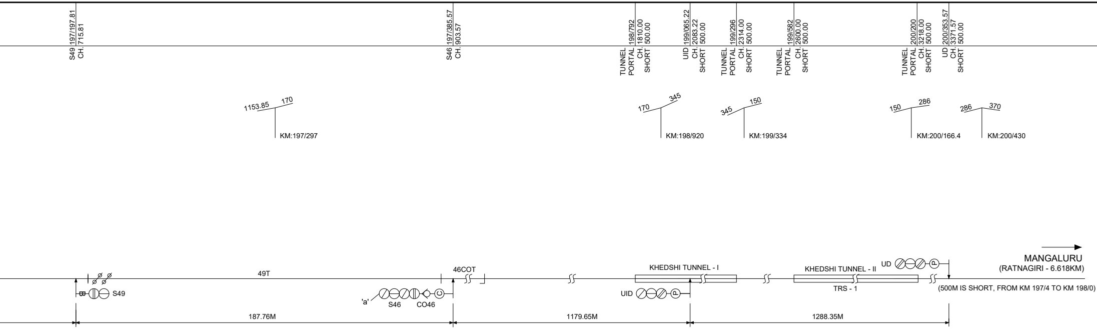

P.E. 196/785
CH. 303.00
FM & S39,S41 196/937
CH. 455.00
PT. 119 196/952
CH. 470.00
PT. 116 197/064.81
CH. 582.81
D.E. 197/072
CH. 590.00
SH44 197/079.51
CH. 597.51
600
1153.85
KM:196/750
PLATFORM 385 x 6M
CSR - 690M
CSR - 690M
DN
02BT
01BT
~~02T~~
~~01T~~
5.0M
02CT
01CT
S46/SH44
S46'a'/SH44
FM
S39
S37
119
120T
120
119T
NOT FOR STABLING (120M)
SH44
46T
133M
135M
PLATFORM 385 x 4M
WITH CONTROL PANEL

BLOCK SECTION PHONE - WITH RATNAGIRI

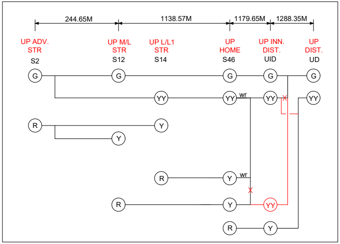

310
CRANK HANDLE
CH10
119/120

SR. NO.	DESCRIPTION	REFERENCE TO APPLICATION
1.	**RECKONING THE ADEQUATE DISTANCE UNDER THE PROVISION OF G.R.3.40 :** (i) FOR THE RECEPTION OF AN UP TRAIN ON LOOP LINE NO.1 FROM THE STARTER NO.S14 TO THE SANDED DEAD END WITH POINT NO. 101/102 NORMAL. (ii) FOR THE RECEPTION OF DN TRAIN ON LOOP LINE NO.1 FROM THE STARTER NO. S37 TO THE DEAD END WITH POINT NO. 119/120 NORMAL.	KR/CO/SG/7/2 DTD. - 25-10-96

NATURE OF APPROVAL


S49 197/197.81
CH. 715.81
S46 197/385.57
CH. 903.57
TUNNEL PORTAL 198/792
CH. 1810.00
SHORT 500.00
UID 199/065.22
CH. 2083.22
SHORT 500.00
TUNNEL PORTAL 199/296
CH. 2314.00
SHORT 500.00
TUNNEL PORTAL 199/582
CH. 2600.00
SHORT 500.00
TUNNEL PORTAL 200/200
CH. 3218.00
SHORT 500.00
UD 200/353.57
CH. 3371.57
SHORT 500.00
1153.85
170
KM:197/297
170
345
KM:198/920
345
150
KM:199/334
150
286
KM:200/166.4
286
370
KM:200/430
MANGALURU
(RATNAGIRI - 6.618KM)
49T
46COT
KHEDSHI TUNNEL - I
KHEDSHI TUNNEL - II
UD
S49
'a'
S46
CO46
UID
TRS - 1
(500M IS SHORT, FROM KM 197/4 TO KM 198/0)
187.76M
1179.65M
1288.35M

UP - SIGNAL ASPECT CONTROL CHART


244.65M
1138.57M
1179.65M
1288.35M
UP ADV. STR
S2
UP M/L STR
S12
UP L/L1 STR
S14
UP HOME
S46
UP INN. DIST.
UID
UP DIST.
UD
G
G
G
G
G
YY
YY
wr
YY
YY
R
Y
Y
R
Y
wr
R
Y
YY
R
Y

wr - WITH ROUTE INDICATOR

KRCL/8/96-97
DTD. - 28-10-96

REFERENCE TO SANCTION

6. SIGNALLING INSTALLATIONS SUIT TO 25 KV AC.

5. SANDED DEAD END AS PER DRG. NO. - RDSO / T-347.

4. C.O.M / KRCL AUTHORISATION OBTAINED ON SIG. PLAN NO.- KR / CO / CSTE / RN / 62 / A ; DTD. - 9/5/2003 FOR NOT LOCATING DN MAIN LINE STARTER SIGNAL (S39); DN LOOP LINE STARTER SIGNAL (S37) IMMEDIATELY TO THE LEFT, ON THE LINE TO WHICH THEY REFER.

3. C.OP.S / KRCL AUTHORISATION OBTAINED ON SIG. PLAN NO.- KR / CO / CSTE / RN / 62 ; DTD. - 24/10/1995 FOR NOT LOCATING DN ADVANCED STARTER SIGNAL (S49); UP DISTANT SIGNAL (UD) IMMEDIATELY TO THE LEFT, ON THE LINE TO WHICH THEY REFER

2. A CO-OPERATIVE RESET BOXES ARE PROVIDED IN SM OFFICE AT BHOKE STATION FOR BHOKE - UKSHI AND BHOKE - RATNAGIRI SECTION. INCASE OF FAILURE OF BPAC, THE SYSTEM HAS TO RESET DULY ENSURING THE COMPLETE ARRIVAL OF LAST DEALT TRAIN.

NOTE :- 1. BLOCK PANELS ALONG WITH UFSBI & BPAC (WITH HASSDAC) ARE PROVIDED FOR BHOKE - UKSHI AND BHOKE - RATNAGIRI SECTION.

कोंकण रेलवे कॉर्पोरेशन लिमिटेड - सीओ, बेलापुर
KONKAN RAILWAY CORPORATION LIMITED - CO, BELAPUR

सादरसेवा

अन्तर्पाशन मानक STANDARD OF INTERLOCKING	III(R)	रत्नागिरी क्षेत्र RATNAGIRI REGION	भोके सिगनलिंग नक्शा	BHOKE SIGNALLING PLAN
स्टेशन वर्ग CLASS OF STATION	B			

स्केल SCALE	TRANSVERSE - 1 : 500	आरेख्र संख्या : के आर/सी ओ/एस जी/डब्लू3/62/एस पी DRG. NO. - KR / CO / SG / W3 / 62 / SP
	LONGITUDINAL - 1 : 1000	अनुकूल अभियांत्रिकी नक्शा संख्या : के आर/आर एन/डी/बी/183 आर7 TO SUIT ENGG PLAN NO. - KR / RN / D / B / 183 R7
रेल संरक्षा आयुक्त मंजूरी संख्या CRS SANCTION NO.	C - 12 (114) / 96 DATED : 01.11.96	सुपरशेडेड आरेख्र संख्या : के आर/सी ओ/एस जी/डब्लू2/62/एस पी SUPERSEDED DRG. NO. - KR / CO / SG / W2 / 62 / SP

IN CONNECTION WITH, i) COMPLETION DRAWING FOR BLOCK PANEL ALONG WITH UFSBI & BPAC (WITH HASSDAC) FOR BOKE - UKC AND BOKE - RN SECTION. ii) UPDATION OF PLAN AS PER THE OBSERVATION OF CRS VIDE LETTER NO.- KRCL/393 DATED 07/08/2020 iii) CONVERSION OF NON RE TO RE.	28/08/2020	पुणावी 28/8/20	31/08/2020	Digitally signed by M M TORASKAR Date: 2020.09.06 08:42:23 +05'30'	D MAGESH Digitally signed by D MAGESH Date: 2020.09.06 13:20:24 +05'30'	ASHISH APTE 2020.09.07 16:48:08 +05'30'	V. C. SINHA Digitally signed by V. C. SINHA DN: c=IN, o=KONKAN RAILWAY CORPORATION LIMITED, ou=com, cn=V. C. SINHA, postalCode=400614, 2.5.4.20=c5915d294776247c32476320e8b0fed7972352b0f1b43ae0e8e0ac09c2d0cde5, st=Maharashtra Date: 2020.09.07 21:36:29 +05'30'
	एन.पी.बैकर N.P.BAIKAR जे.टी.ए (आरेख्र) JTA (DWG)	पी.एम.वीरकर P.M.VIRKAR जे.टी.ए (आरेख्र) JTA (DWG)	टी.आर.सावंत T.R.SAWANT व.सेक्शन इंजी. (सि.एवं दू.) SSE (S&T)	एम.एम.तोरसकर M.M.TORASKAR व. सि. एवं दू. सं. इंजी. (डी. एवं डी.) SSTE (D&D)	डी. मगेश D. MAGESH उप मु. सि. एवं दू. सं. इंजी. (समन्वय) DY. CSTE (CO-ORD)	आशीष आपटे ASHISH APTE मुख्य सि. एवं दू. सं. इंजी. CSTE	व्ही. सी. सिन्हा V. C. SINHA मुख्य परिचालन प्रबंधक C.O.M.
विवरण DESCRIPTION	तैयारकर्ता PREPARED BY		जांचकर्ता CHECKED BY			अनुमोदनकर्ता APPROVED BY	

संदर्भ REFERENCE	PREVIOUS ENGG. PLAN NO. - KR / RN / D / B / 183 R1, R2, R3, R4, R5, R6
	PREVIOUS SIG. PLAN. NO. - KR / CO / CSTE / RN / 62 / A, B, C