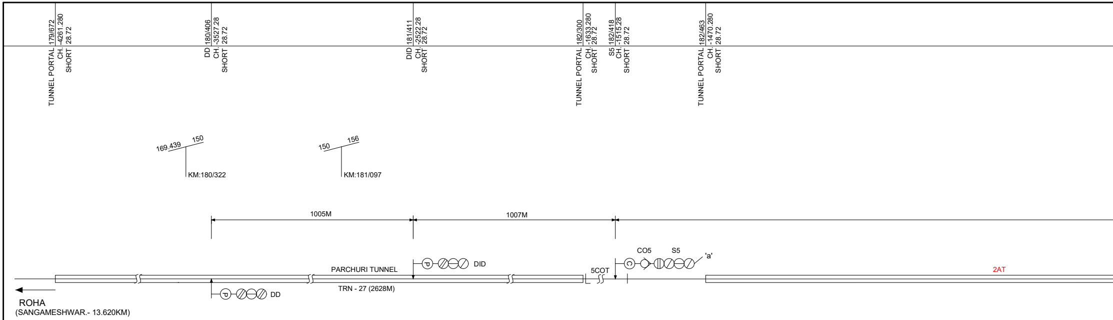
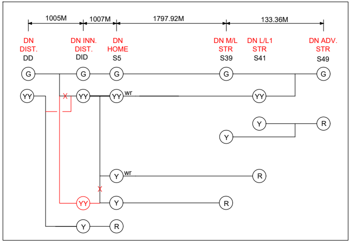
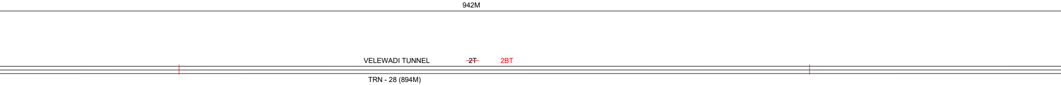

TUNNEL PORTAL 179/672
CH. -4261.280
SHORT 28.72
DD 180/406
CH. -3527.28
SHORT 28.72
DID 181/411
CH. -2522.28
SHORT 28.72
TUNNEL PORTAL 182/300
CH. -1633.280
SHORT 28.72
S5 182/418
CH. -1515.28
SHORT 28.72
TUNNEL PORTAL 182/463
CH. -1470.280
SHORT 28.72
169.439
150
KM:180/322
150
156
KM:181/097
1005M
1007M
PARCHURI TUNNEL
DID
5COT
CO5
S5
'a'
2AT
TRN - 27 (2628M)
DD
ROHA
(SANGAMESHWAR.- 13.620KM)

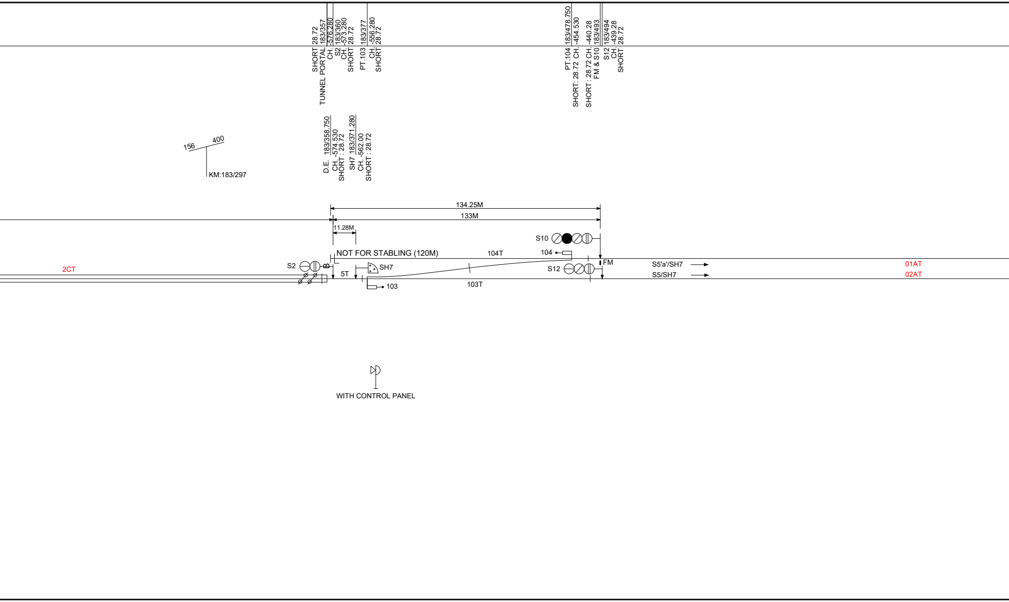
DN - SIGNAL ASPECT CONTROL CHART

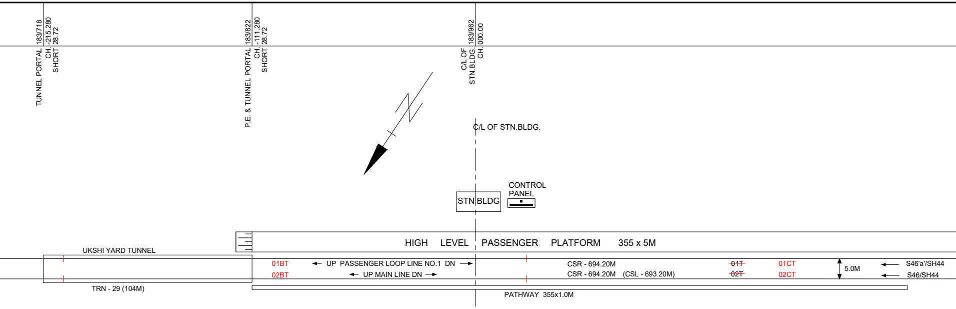

1005M
1007M
1797.92M
133.36M
DN DIST.
DD
DN INN. DIST.
DID
DN HOME
S5
DN M/L STR
S39
DN L/L1 STR
S41
DN ADV. STR
S49
G
G
G
G
G
YY
YY
YY
wr
YY
Y
R
Y
Y
wr
R
YY
Y
R
Y
R

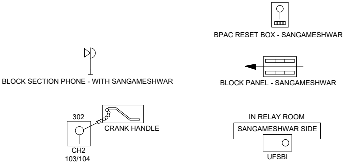
wr - WITH ROUTE INDICATOR

SR. NO.	POINTS NO.	ANGLE OF T/OUT
1.	103/104	1 IN 12 (C.S.)
2.	115/116	1 IN 12 (C.S.)


942M
VELEWADI TUNNEL
~~2T~~
2BT
TRN - 28 (894M)


SHORT 28.72
TUNNEL PORTAL 183/357
CH. -576.280
S2 183/360
CH. -573.280
SHORT 28.72
PT.103 183/377
CH. -556.280
SHORT 28.72
PT.104 183/478.750
SHORT: 28.72 CH. -454.530
SHORT : 28.72 CH. -440.28
FM & S10 183/493
S12 183/494
CH. -439.28
SHORT 28.72
D.E. 183/358.750
CH. -574.530
SHORT : 28.72
SH7 183/371.280
CH. -562.00
SHORT : 28.72
156
400
KM:183/297
134.25M
133M
11.28M
S10
NOT FOR STABLING (120M)
104T
104
S2
2CT
5T
SH7
S12
FM
S5'a'/SH7
S5/SH7
01AT
02AT
103
103T
WITH CONTROL PANEL

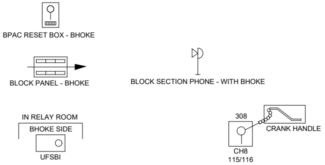

TUNNEL PORTAL 183/718
CH. -215.280
SHORT 28.72
P.E. & TUNNEL PORTAL 183/822
CH. -111.280
SHORT 28.72
C/L OF STN.BLDG. 183/962
CH. 000.00
C/L OF STN.BLDG.
CONTROL PANEL
STN BLDG
HIGH LEVEL PASSENGER PLATFORM 355 x 5M
UKSHI YARD TUNNEL
01BT
02BT
UP PASSENGER LOOP LINE NO.1 DN
UP MAIN LINE DN
CSR - 694.20M
CSR - 694.20M (CSL - 693.20M)
~~01T~~
~~02T~~
01CT
02CT
5.0M
S46'a'/SH44
S46/SH44
TRN - 29 (104M)
PATHWAY 355x1.0M

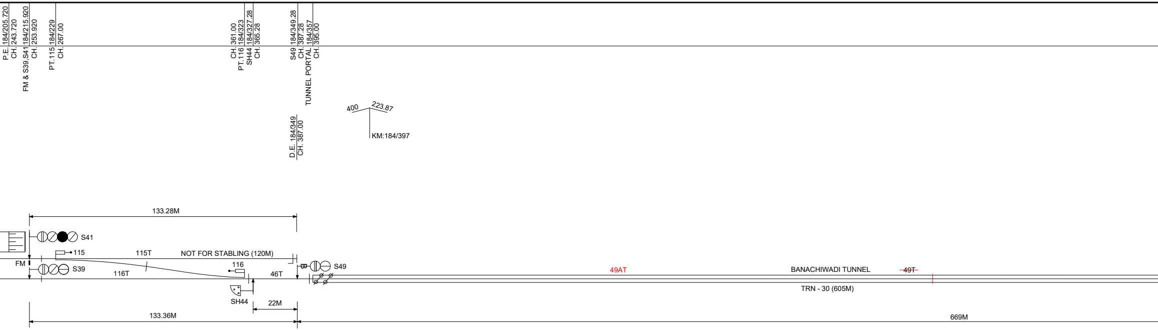

BPAC RESET BOX - SANGAMESHWAR
BLOCK SECTION PHONE - WITH SANGAMESHWAR
BLOCK PANEL - SANGAMESHWAR
302
CRANK HANDLE
CH2
103/104
IN RELAY ROOM
SANGAMESHWAR SIDE
UFSBI

WITH POINTS

PANEL IN SM's OFFICE

DESCRIPTION	SPARE NUMBERS
SIGNALS 1 TO 50	1,3,4,6,8,9,11,13 TO 38,40, 42,43,45,47,48,50.
POINTS 101 TO 120	101,102,105 TO 114,117 TO 120.
CONTROLS 301 TO 310	301,303 TO 307,309,310.

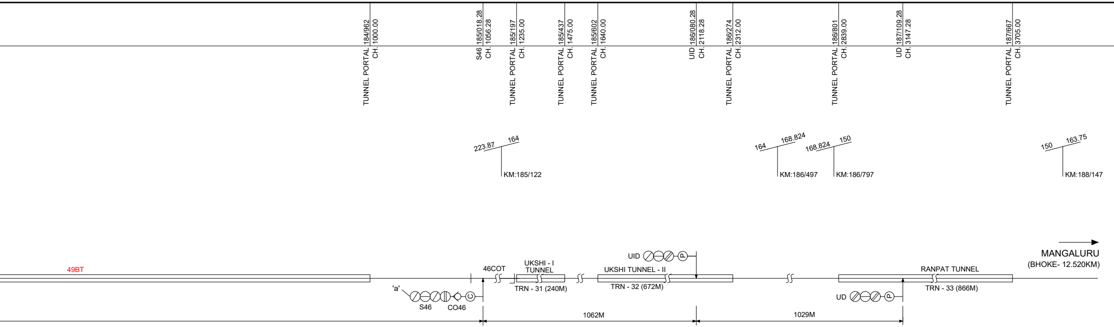

BPAC RESET BOX - BHOKE
BLOCK PANEL - BHOKE
BLOCK SECTION PHONE - WITH BHOKE
IN RELAY ROOM
BHOKE SIDE
UFSBI
308
CRANK HANDLE
CH8
115/116


P.E. 184/205.720
CH. 243.720
FM & S39,S41 184/215.920
CH. 253.920
PT.115 184/229
CH. 267.00
CH. 361.00
PT.116 184/323
SH44 184/327.28
CH. 365.28
S49 184/349.28
CH. 387.28
TUNNEL PORTAL 184/357
CH. 395.00
D.E. 184/349
CH. 387.00
400
223.87
KM:184/397
133.28M
S41
115
115T
NOT FOR STABLING (120M)
FM
S39
116T
116
46T
S49
49AT
BANACHIWADI TUNNEL
~~49T~~
TRN - 30 (605M)
SH44
22M
133.36M
669M

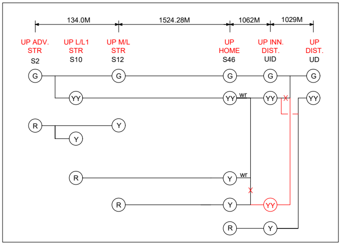
WITH CONTROL PANEL

SR. NO.	DESCRIPTION	REFERENCE TO APPLICATION
1.	**RECKONING THE ADEQUATE DISTANCE UNDER THE PROVISION OF G.R.3.40 :** (i) DUE TO THE PRESENCE OF TUNNELS NEAR TOP POINTS AT BOTH THE ENDS, FOR LOCATING UP ADVANCED STARTER S2 AT A DISTANCE OF NOT LESS THAN 120M FROM UP STARTER SIGNALS NOS. S10 AND S12. (ii) FOR LOCATING DN ADVANCED STARTER S49 AT A DISTANCE OF NOT LESS THAN 120M FROM DN STARTER SIGNALS NOS. S39 AND S41.	KR/CO/SG/7/2 DTD. - 25-10-96
2.	(i) FOR THE RECEPTION OF AN UP TRAIN ON LOOP LINE NO.1 FROM THE STARTER NO.S10 TO THE DEAD END WITH POINTS NO. 103/104 NORMAL. (ii) FOR THE RECEPTION OF DN TRAIN ON LOOP LINE NO.1 FROM THE STARTER NO. S41 TO THE DEAD END WITH POINTS NO. 115/116 NORMAL.	

NATURE OF APPROVAL


TUNNEL PORTAL 184/962
CH. 1000.00
S46 185/018.28
CH. 1056.28
TUNNEL PORTAL 185/197
CH. 1235.00
TUNNEL PORTAL 185/437
CH. 1475.00
TUNNEL PORTAL 185/602
CH. 1640.00
UID 186/080.28
CH. 2118.28
TUNNEL PORTAL 186/274
CH. 2312.00
TUNNEL PORTAL 186/801
CH. 2839.00
UD 187/109.28
CH. 3147.28
TUNNEL PORTAL 187/667
CH. 3705.00
223.87
164
KM:185/122
164
168.824
KM:186/497
168.824
150
KM:186/797
150
163.75
KM:188/147
49BT
46COT
UKSHI - I TUNNEL
TRN - 31 (240M)
UID
UKSHI TUNNEL - II
TRN - 32 (672M)
RANPAT TUNNEL
TRN - 33 (866M)
UD
'a'
S46
CO46
1062M
1029M
MANGALURU
(BHOKE- 12.520KM)

UP - SIGNAL ASPECT CONTROL CHART


134.0M
1524.28M
1062M
1029M
UP ADV. STR
S2
UP L/L1 STR
S10
UP M/L STR
S12
UP HOME
S46
UP INN. DIST.
UID
UP DIST.
UD
G
YY
R
Y
wr

wr - WITH ROUTE INDICATOR

4. SIGNALLING INSTALLATIONS SUIT TO 25 KV AC.

3. C.OP.S / KRCL AUTHORISATION OBTAINED ON SIG. PLAN NO.- KRC / CO / CSTE / RN / 63 ; DTD. - 17/04/1996 FOR NOT LOCATING DN DISTANT SIGNAL (DD), UP INNER DISTANT SIGNAL (UID), UP MAIN LINE STARTER SIGNAL (S12), UP LOOP LINE STARTER SIGNAL (S10), UP ADVANCED STARTER SIGNAL (S2), IMMEDIATELY TO THE LEFT, ON THE LINE TO WHICH THEY REFER.

2. A CO-OPERATIVE RESET BOXES ARE PROVIDED IN SM OFFICE AT UKSHI STATION FOR UKSHI - SANGAMESHWAR AND UKSHI - BHOKE 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 UKSHI - SANGAMESHWAR AND UKSHI - BHOKE SECTION.

KRCL/2/96-97
DTD. - 28-10-96

REFERENCE TO SANCTION

सादरसेवा

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

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

स्केल SCALE	TRANSVERSE - 1 : 500	आरेख संख्या : के आर/सी ओ/एस जी/डब्लू**3**/**63**/एस पी DRG. NO. - KR / CO / SG / W3 / 63 / SP
	LONGITUDINAL - 1 : 1000	अनुकूल अभियांत्रिकी नक्शा संख्या : के आर/आर एन/यार्ड/यू के सी/**14** TO SUIT ENGG. PLAN NO. - KR / RN / YARD / UKC / 14
रेल संरक्षा आयुक्त मंजूरी संख्या CRS SANCTION NO.	C - 12 (114) / 96 DATED : 01.11.96	सुपरशेडेड आरेख संख्या : के आर/सी ओ/एस जी/डब्लू**2**/**63**/एस पी SUPERSEDED DRG. NO. - KR / CO / SG / W2 / 63 / SP

IN CONNECTION WITH, i) COMPLETION DRAWING FOR BLOCK PANEL ALONG WITH UFSBI & BPAC (WITH HASSDAC) FOR UKC - SGR AND UKC - BOKE 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	28/8/20	31/08/2020	Digitally signed by M M TORASKAR Date: 2020.09.06 08:39:43 +05'30'	D MAGESH Digitally signed by D MAGESH Date: 2020.09.06 13:19:19 +05'30'	ASHISH APTE 2020.09.07 16:43:11 +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 21:35:17 +05'30'
	एन.पी.बैकर N.P.BAIKAR जे.टी.ए (आरेख) JTA (DWG)	पी.एम.वीरकर P.M.VIRKAR जे.टी.ए (आरेख) 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 / 112 / R1, R2, R3, R4, R5, R6, R7
	PREVIOUS SIG. PLAN. NO. - KRC / CO / CSTE / RN / 63 / A; KR / CO / SG / W1 / 63 / SP; KR / CO / SG / 63 / SP