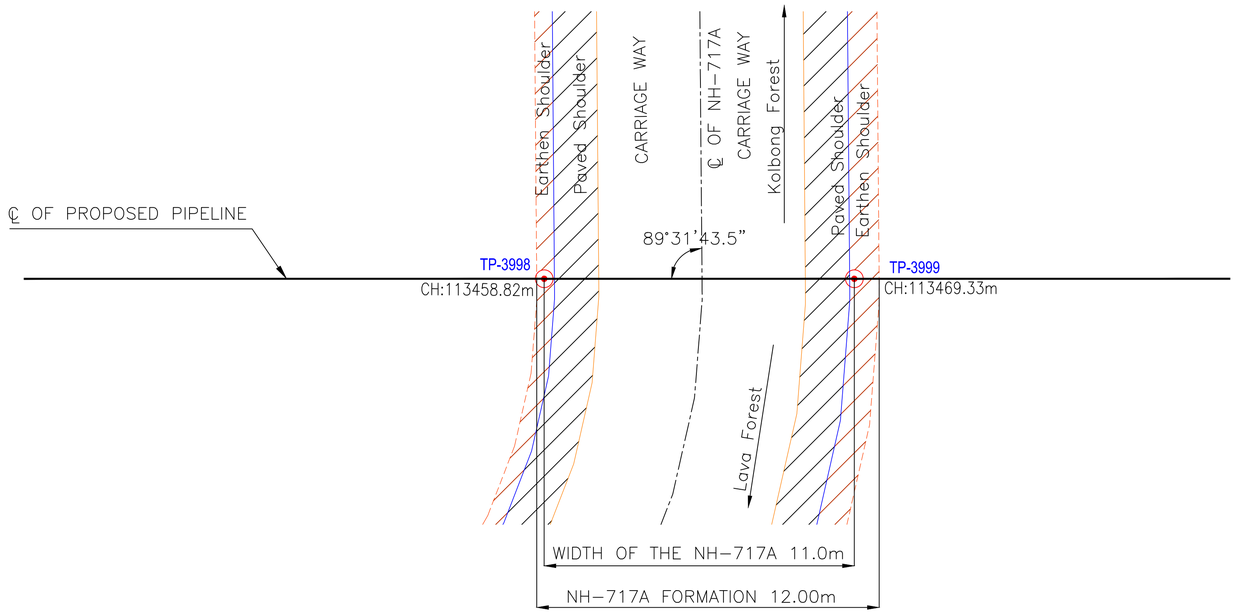
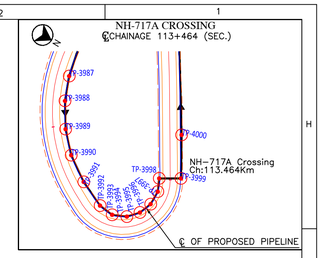
NH-717A CROSSING
℄CHAINAGE :113+464(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

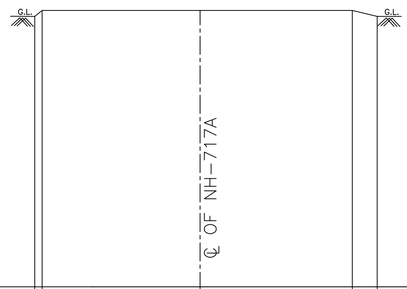
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 2053.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.2	5.5	5.5	0.8
REDUCED LEVEL IN m ABOVE MSL	2062.16, 2062.36	2062.36	2062.36	2062.36, 2062.16
℄ CHAINAGE		SEC. CH: 113+464Km		
SOIL STRATIFICATION				

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-2062.16m
4. Crossing Length-12.00m

ALIGNMENT DRAWING	SILUGURU-ALN-64
ROUTE MAP	SILUGURU-ROUTEMAP-04
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: IGGL — INDRADHANUSH GAS GRID LIMITED

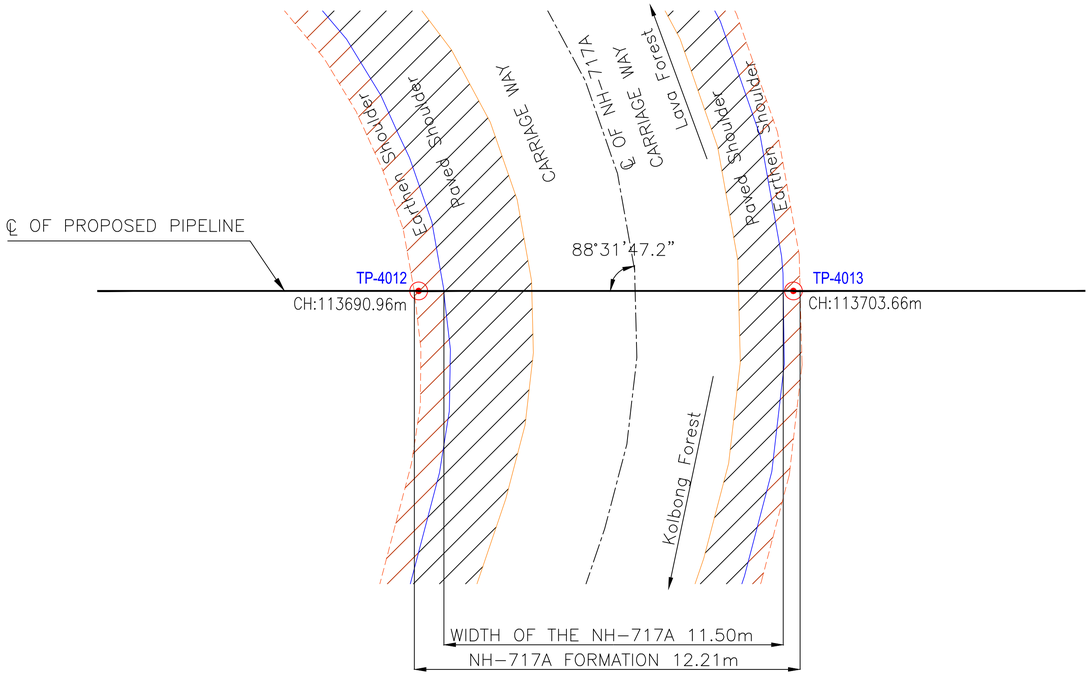
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

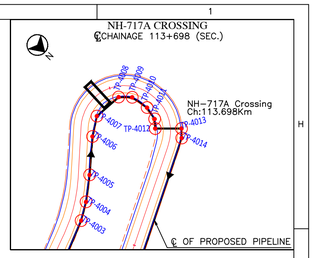
NH-717A CROSSING AT (LAVA FOREST) CHAINAGE 113.464Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-63	R	3

NH-717A CROSSING
℄CHAINAGE :113+698(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 2069.0m

DISTANCE BETWEEN LEVEL POINTS (m)	1.00 / 5.63 / 5.01 / 0.57
REDUCED LEVEL IN m ABOVE MSL	2077.86 / 2078.06 / 2078.06 / 2078.06 / 2077.86
℄ CHAINAGE	SEC. CH: 113+698Km
SOIL STRATIFICATION	

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TP TURNING POINT
- IP INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-2077.86m
4. Crossing Length-12.21m

ALIGNMENT DRAWING	SILUGURU-ALN-64
ROUTE MAP	SILUGURU-ROUTEMAP-04

DRAWING TITLE	DRG.NO.
REFERENCE DRAWINGS	

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.S	P.B.RAO
0	13-4-22	Draft Copy	K.J.S	P.B.RAO

ISSUE RECORD

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

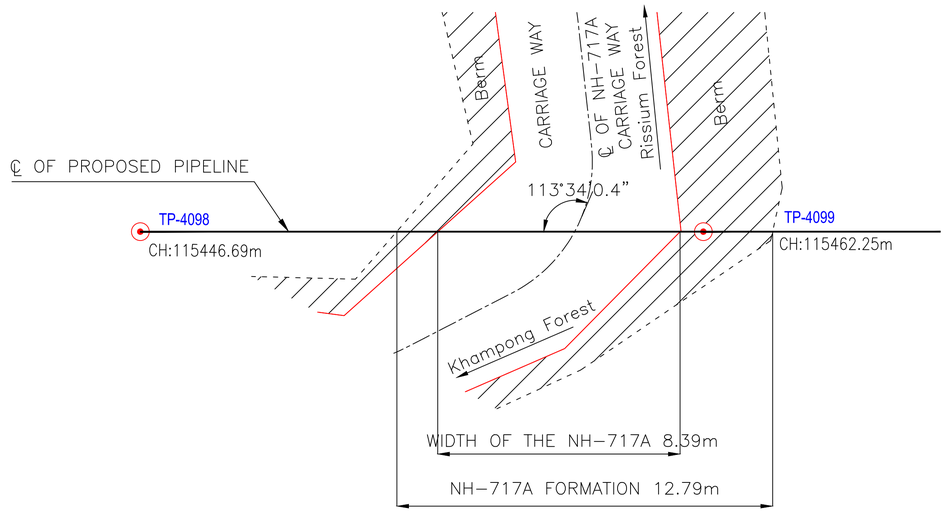
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

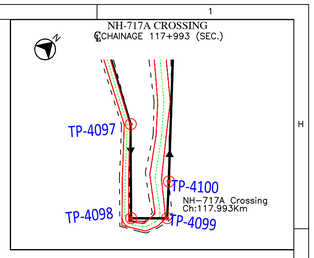
NH-717A CROSSING AT (LAVA FOREST) CHAINAGE 113.698Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-64 | R 3

NH-717A CROSSING
℄CHAINAGE :117+993(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

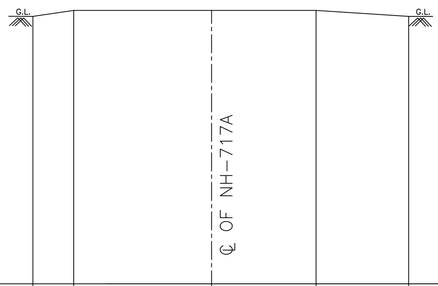
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 2143.0m



DISTANCE BETWEEN LEVEL POINTS (m)	1.3	4.19		4.19	3.1
REDUCED LEVEL IN m ABOVE MSL	2152.06	2152.26	2152.26	2152.26	2152.06
℄ CHAINAGE			SEC. CH: 117+993Km		
SOIL STRATIFICATION					

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-2152.06m
4. Crossing Length-12.79m

ALIGNMENT DRAWING	SILUGURU-ALN-66
ROUTE MAP	SILUGURU-ROUTEMAP-04
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

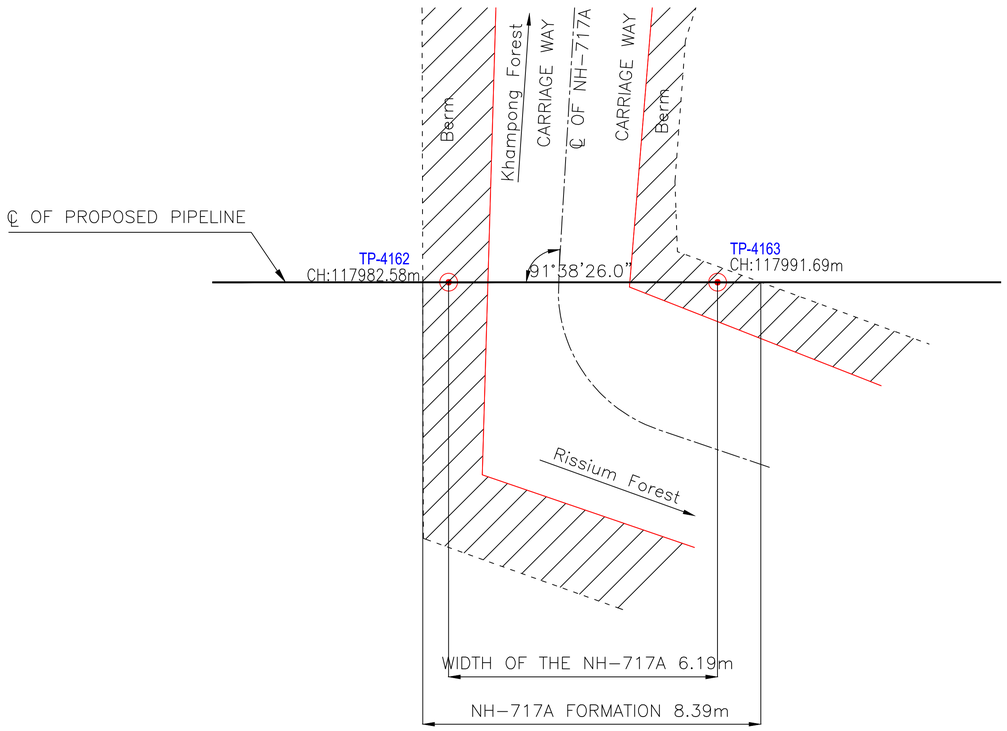
NH-717A CROSSING AT (KHAMPONG FOREST) CHAINAGE 117.993Km

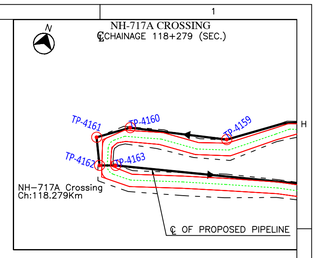
SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-65 | R 3

NH-717A CROSSING

℄ CHAINAGE :118+279(SEC.)

SILIGURI ← → GANGTOK





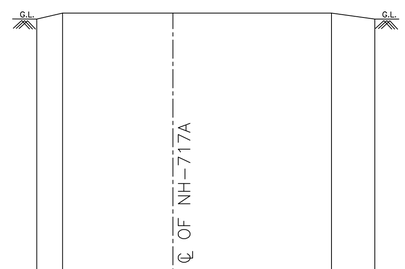
KEY PLAN
NOT TO SCALE

PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 2119.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.8	3.09	3.09	1.4		
REDUCED LEVEL IN m ABOVE MSL	2128.24	2128.44	2128.44	2128.44	2128.24	
℄ CHAINAGE			SEC. CH: 118+279Km			
SOIL STRATIFICATION						

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-2128.24m
4. Crossing Length-8.39m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILUGURU-ALN-67
ROUTE MAP	SILUGURU-ROUTEMAP-04

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

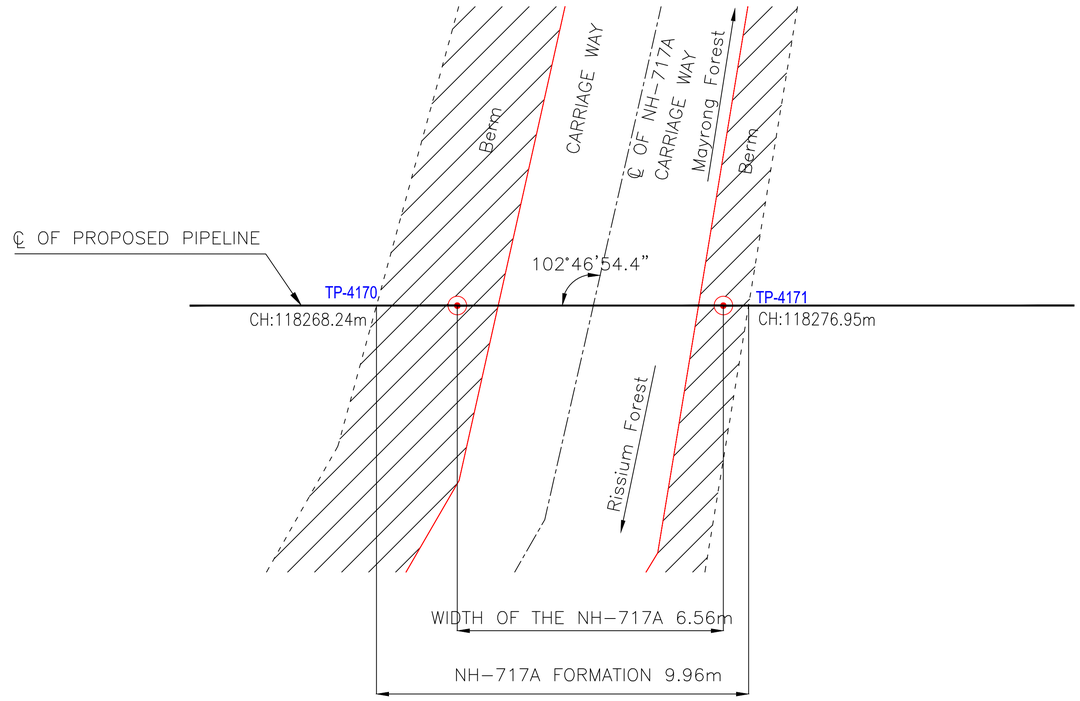
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

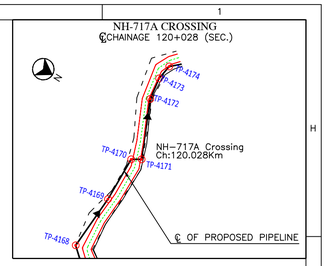
NH-717A CROSSING AT (KHAMPONG FOREST) CHAINAGE 118.279Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-66 | R 3

NH-717A CROSSING
℄ CHAINAGE :120+028(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

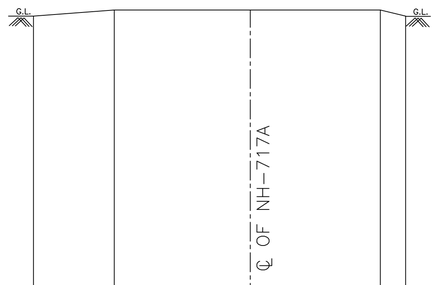
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 2109.0m



DISTANCE BETWEEN LEVEL POINTS (m)	2.6	4.98	4.98	0.8	
REDUCED LEVEL IN m ABOVE MSL	2118.31	2118.51	2118.51	2118.51	2118.31
℄ CHAINAGE			SEC. CH: 120+028Km		
SOIL STRATIFICATION					

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TP TURNING POINT
- IP INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-2118.31m
4. Crossing Length-9.96m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILUGURU-ALN-67
ROUTE MAP	SILUGURU-ROUTEMAP-04

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.S	P.B.RAO
0	13-4-22	Draft Copy	K.J.S	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: IGGL — INDRADHANUSH GAS GRID LIMITED

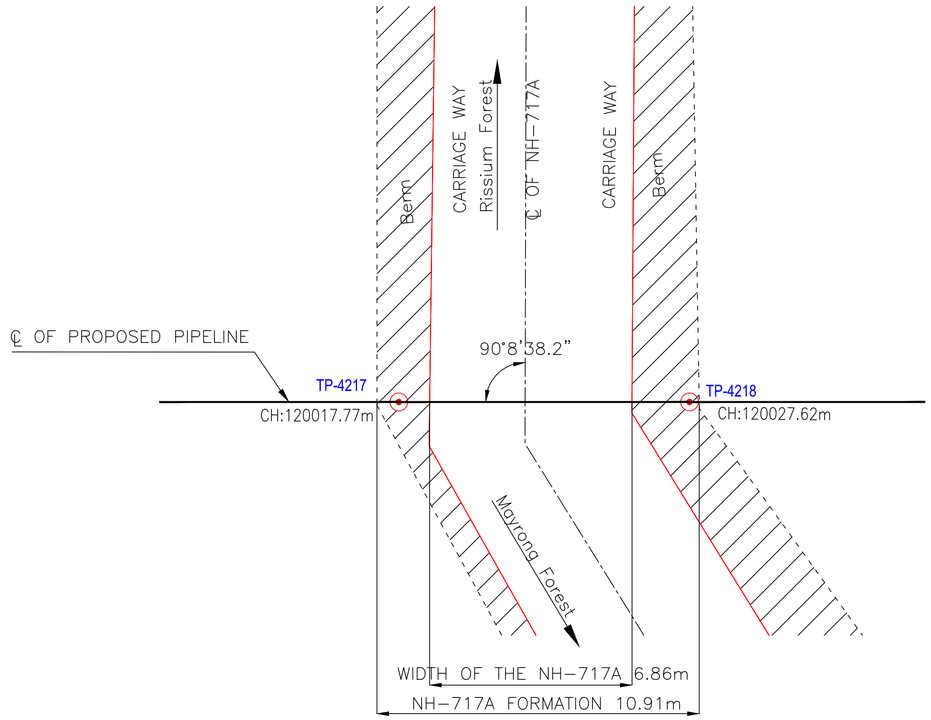
SURVEY CONSULTANT: IN-RIMT — INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

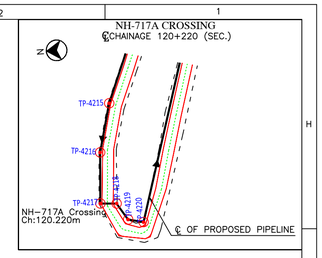
NH-717A CROSSING AT (RISSIUM FOREST) CHAINAGE 120.028Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-67 | R 3

NH-717A CROSSING
℄ CHAINAGE :120+220(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

N

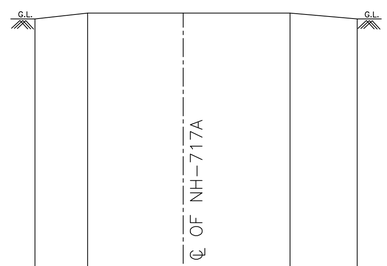
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 2036.0m



DISTANCE BETWEEN LEVEL POINTS (m)	1.78	3.43		3.43	2.27	
REDUCED LEVEL IN m ABOVE MSL	2045.14	2045.34	2045.34	2045.34	2045.14	
℄ CHAINAGE			SEC. CH: 120+220Km			
SOIL STRATIFICATION						

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-2045.14m
4. Crossing Length-10.91m

ALIGNMENT DRAWING	SILIGURI-ALN-68
ROUTE MAP	SILIGURI-ROUTEMAP-04
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: IGGL — INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

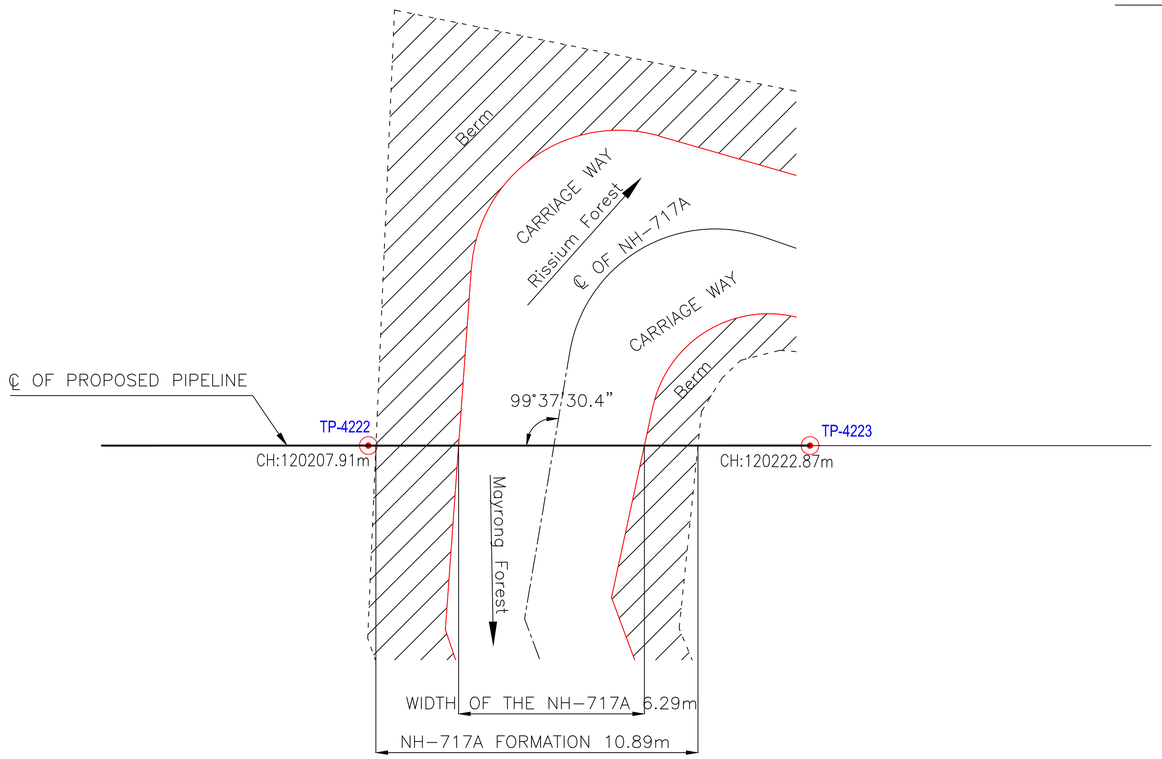
NH-717A CROSSING AT (RISSIUM FOREST) CHAINAGE 120.220Km

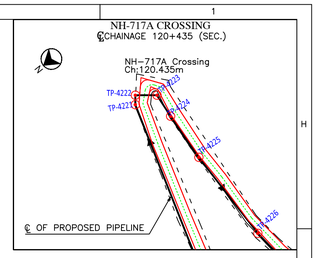
SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-68 | R 3

NH-717A CROSSING

℄ CHAINAGE :120+435 (SEC.)

SILIGURI ← → GANGTOK





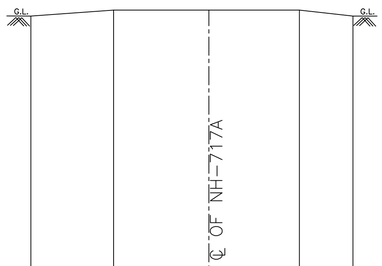
KEY PLAN
NOT TO SCALE

PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100



DATUM - 2028.0m

DISTANCE BETWEEN LEVEL POINTS (m)	2.8	3.14	3.14	1.8	
REDUCED LEVEL IN m ABOVE MSL	2037.24	2037.44	2037.44	2037.44	2037.24
℄ CHAINAGE			SEC. CH: 120+435Km		
SOIL STRATIFICATION					

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-2037.24m
4. Crossing Length-10.89m

ALIGNMENT DRAWING	SILIGURI-ALN-69
ROUTE MAP	SILIGURI-ROUTEMAP-04
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: IGGL — INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

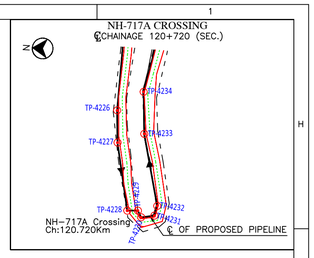
NH-717A CROSSING AT (RISSIUM FOREST) CHAINAGE 120.435Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-69 | R 3

SILIGURI

NH-717A CROSSING
℄ CHAINAGE :120+720(SEC.)

GANGTOK

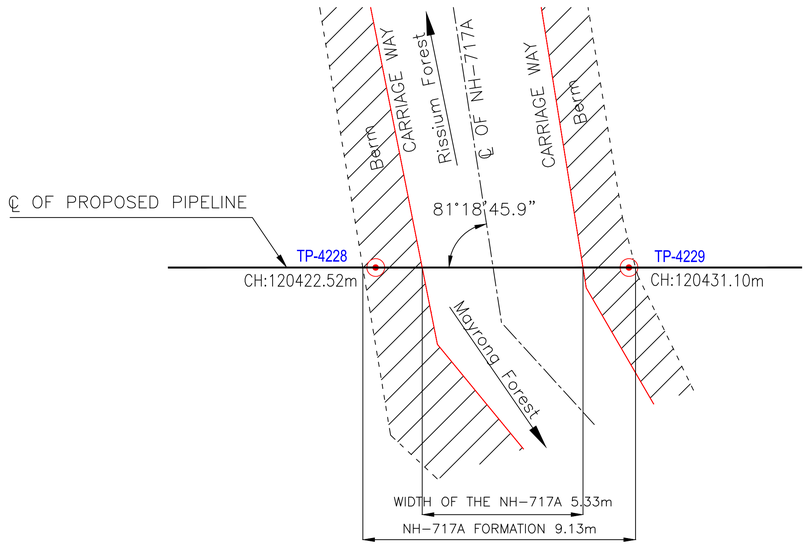


KEY PLAN
NOT TO SCALE

N

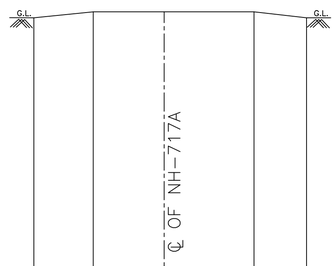
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 2013.0m



DISTANCE BETWEEN LEVEL POINTS (m)	2.0	2.66	2.66	1.8	
REDUCED LEVEL IN m ABOVE MSL	2021.91	2022.11	2022.11	2022.11	2021.91
℄ CHAINAGE			SEC. CH: 120+720Km		
SOIL STRATIFICATION					

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-2021.91m
4. Crossing Length-9.13m

ALIGNMENT DRAWING	SILIGURI-ALN-69
ROUTE MAP	SILIGURI-ROUTEMAP-04
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

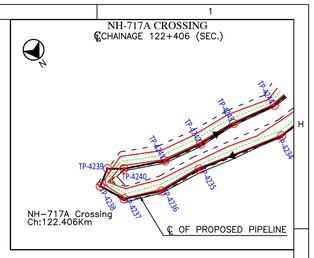
NH-717A CROSSING AT (RISSIUM FOREST) CHAINAGE 120.720Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-70 | R 3

SILIGURI

NH-717A CROSSING
℄CHAINAGE :122+406(SEC.)

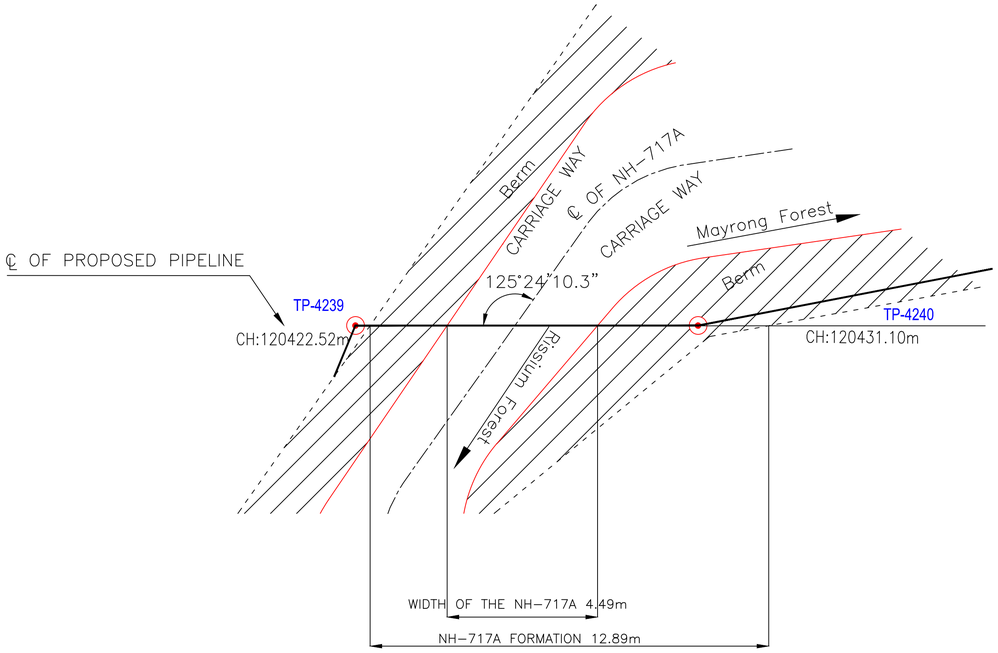
GANGTOK



KEY PLAN
NOT TO SCALE

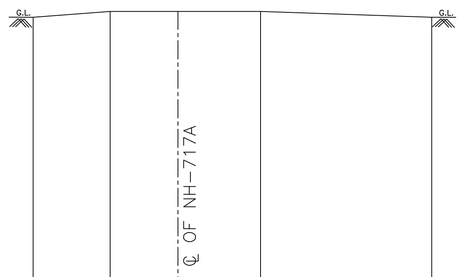
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1998.0m



DISTANCE BETWEEN LEVEL POINTS (m)	2.6	2.24	2.24	5.8	
REDUCED LEVEL IN m ABOVE MSL	2007.40	2007.60	2007.60	2007.60	2007.40
℄ CHAINAGE			SEC. CH: 122+406Km		
SOIL STRATIFICATION					

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-2007.40m
4. Crossing Length-12.89m

ALIGNMENT DRAWING	SILIGURI-ALN-69
ROUTE MAP	SILIGURI-ROUTEMAP-04
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

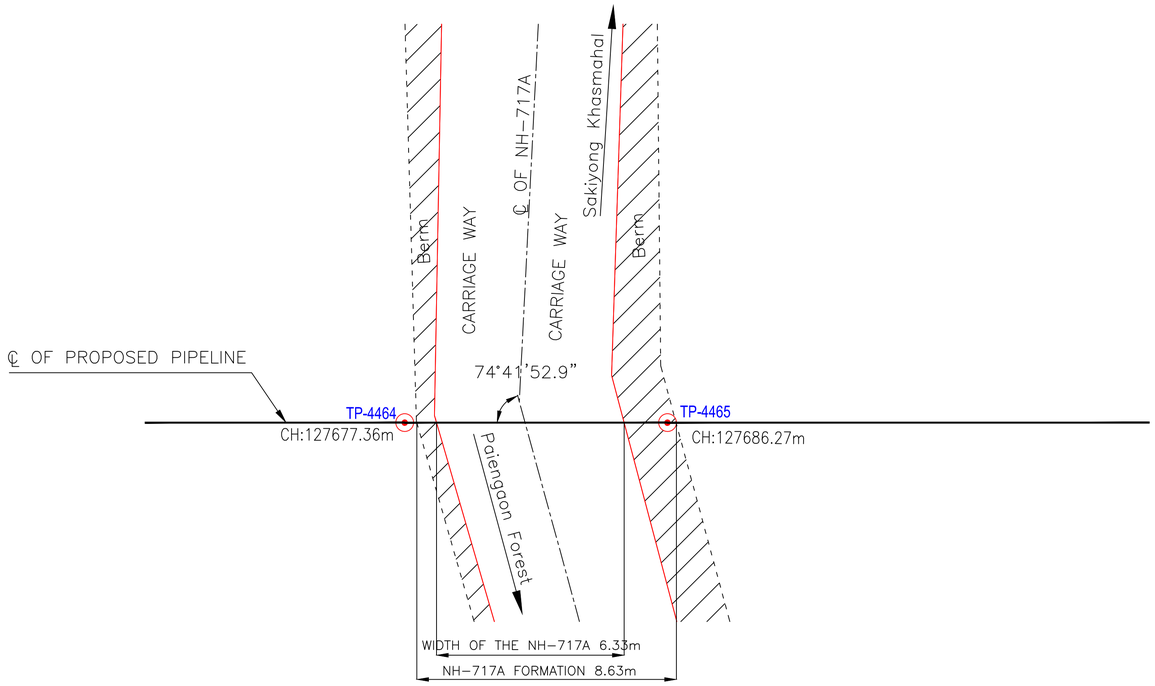
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

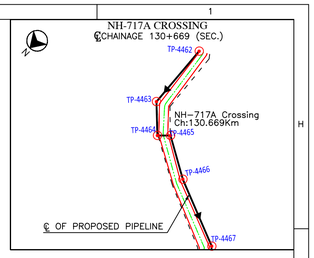
NH-717A CROSSING AT (RISSIUM FOREST) CHAINAGE 122.406Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-71 | R 3

SILIGURI ← → GANGTOK

NH-717A CROSSING
℄CHAINAGE :130+669(SEC.)





KEY PLAN
NOT TO SCALE

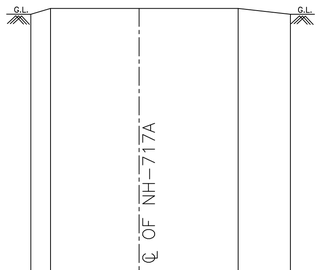
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1742.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.6	3.16	3.16	1.7		
REDUCED LEVEL IN m ABOVE MSL	1751.40	1751.60	1751.60	1751.60	1751.40	
℄ CHAINAGE			SEC. CH: 130+669Km			
SOIL STRATIFICATION						

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TP TURNING POINT
- IP INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1751.40m
4. Crossing Length-8.63m

ALIGNMENT DRAWING	SILIGURI-ALN-73
ROUTE MAP	SILIGURI-ROUTEMAP-05
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

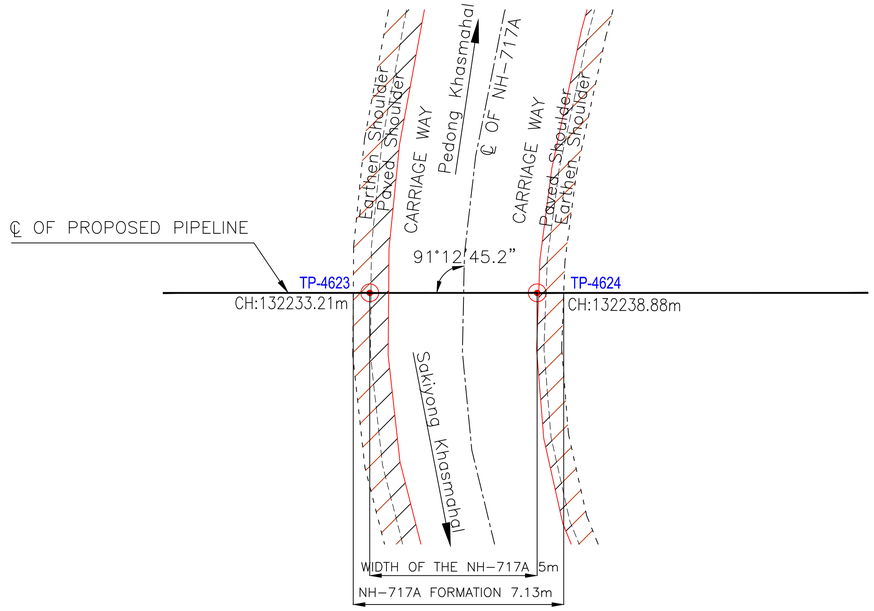
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

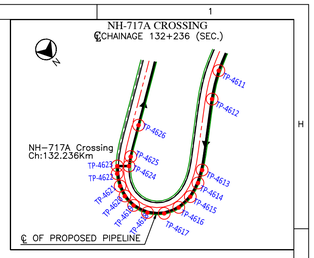
NH-717A CROSSING AT (SAKIYONG KHASMAHAL) CHAINAGE 130.669Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-72 | R 3

SILIGURI ← → GANGTOK

NH-717A CROSSING
℄ CHAINAGE :132+236(SEC.)





KEY PLAN
NOT TO SCALE

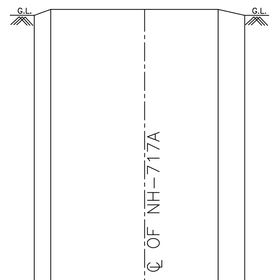
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1625.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.5, 2.5, 2.5, 0.9
REDUCED LEVEL IN m ABOVE MSL	1634.67, 1634.87, 1634.87, 1634.87, 1634.67
℄ CHAINAGE	SEC. CH: 132+236Km
SOIL STRATIFICATION	

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1634.67m
4. Crossing Length-7.13m

ALIGNMENT DRAWING	SILIGURI-ALN-76
ROUTE MAP	SILIGURI-ROUTEMAP-05
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

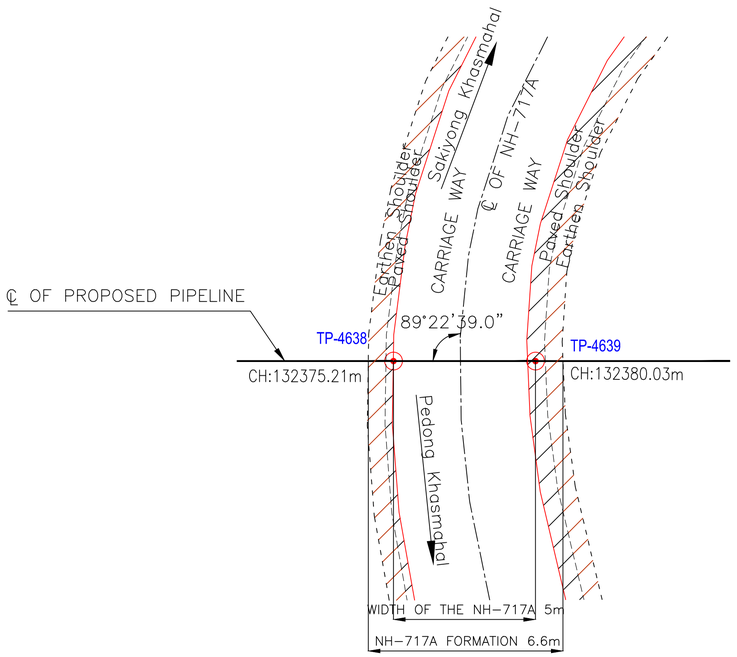
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

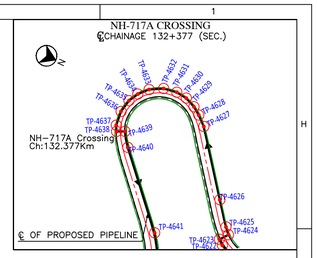
NH-717A CROSSING AT (SAKIYONG KHASMAHAL) CHAINAGE 132.236Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-73 | R 3

SILIGURI ← | → GANGTOK

NH-717A CROSSING
℄ CHAINAGE :132+377(SEC.)





KEY PLAN
NOT TO SCALE

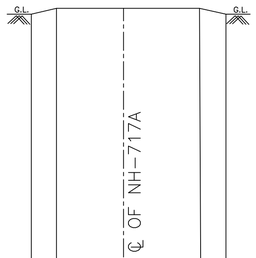
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1612.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.8	2.5	2.5	0.8	
REDUCED LEVEL IN m ABOVE MSL	1621.03	1621.23	1621.23	1621.23	1621.03
℄ CHAINAGE			SEC. CH: 132+377Km		
SOIL STRATIFICATION					

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TP TURNING POINT
- IP INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
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- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1621.03m
4. Crossing Length-6.6m

ALIGNMENT DRAWING	SILIGURI-ALN-76
ROUTE MAP	SILIGURI-ROUTEMAP-05
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	M.Kavya	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

ISSUE RECORD

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: IGGL — INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

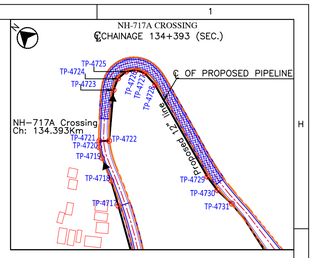
NH-717A CROSSING AT (SAKIYONG KHASMAHAL) CHAINAGE 132.377Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-74 | R 3

SILIGURI

GANGTOK

NH-717A CROSSING
℄ CHAINAGE :134+393(SEC.)

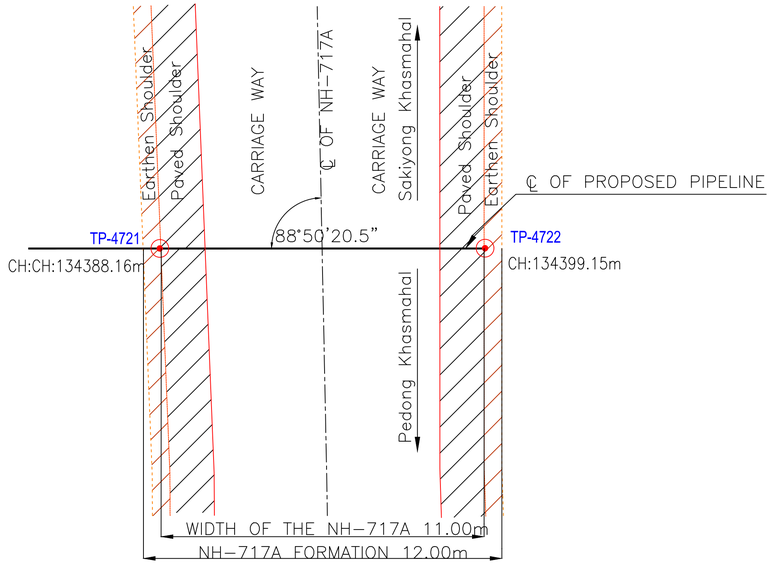


KEY PLAN
NOT TO SCALE

N

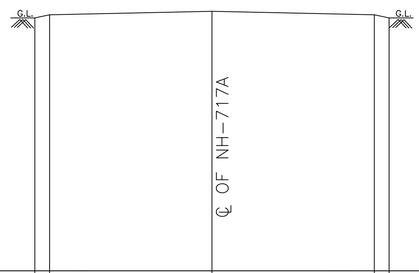
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1482.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.50	5.5	5.5	0.50		
REDUCED LEVEL IN m ABOVE MSL	1490.56	1490.67	1490.79	1490.67	1490.56	
℄ CHAINAGE			SEC. CH: 134+393Km			
SOIL STRATIFICATION						

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
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- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1490.56m
4. Crossing Length-12.00m

ALIGNMENT DRAWING	SILIGURI-ALN-77
ROUTE MAP	SILIGURI-ROUTEMAP-05
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	D.Krishna	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

ISSUE RECORD

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

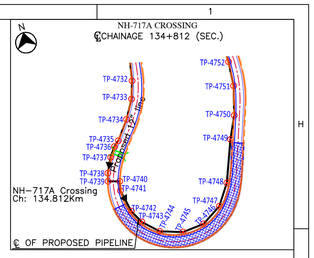
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

NH-717A CROSSING AT (PEDONG KHASMAHAL) CHAINAGE 134.393Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-75 | R 3

SILIGURI ← → GANGTOK

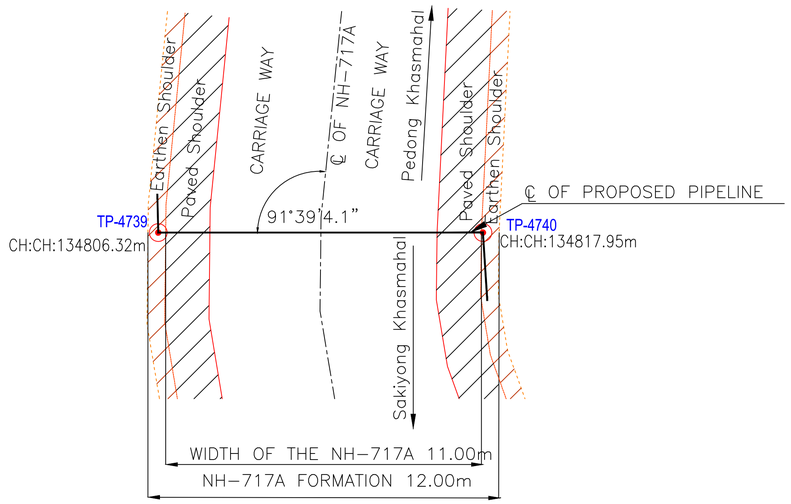
NH-717A CROSSING
℄CHAINAGE :134+812(SEC.)



KEY PLAN
NOT TO SCALE

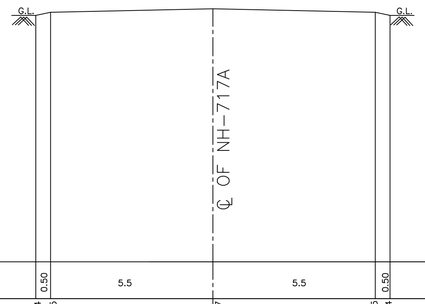
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1456.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.50	5.5	5.5	0.50
REDUCED LEVEL IN m ABOVE MSL	1464.34 1464.45	1464.57		1464.45 1464.34
℄ CHAINAGE		SEC. CH: 134+812Km		
SOIL STRATIFICATION				

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1464.34m
4. Crossing Length-12.00m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-77
ROUTE MAP	SILIGURI-ROUTEMAP-05

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	D.Krishna	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

ISSUE RECORD

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: IGOL — INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

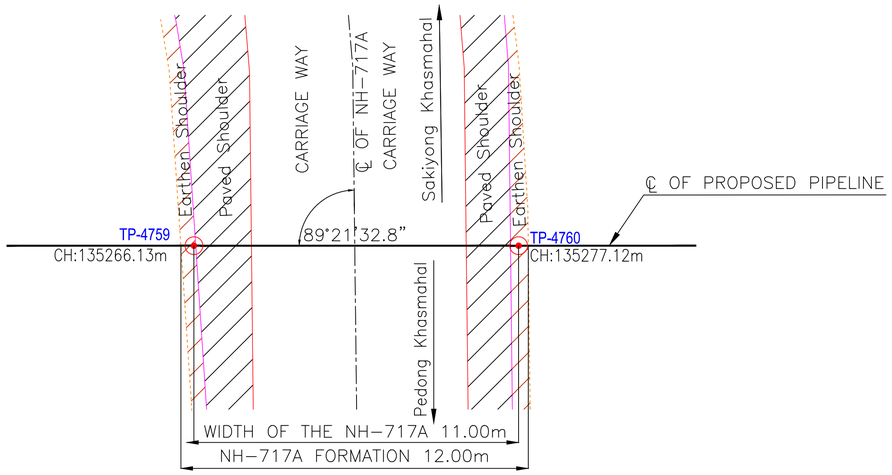
NH-717A CROSSING AT (SAKIYONG KHASMAHAL) CHAINAGE 134.812 Km

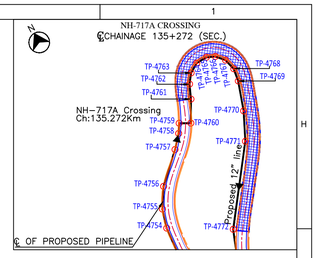
SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-76 | R 3

SILIGURI

GANGTOK

NH-717A CROSSING
℄ CHAINAGE :135+272 (SEC.)





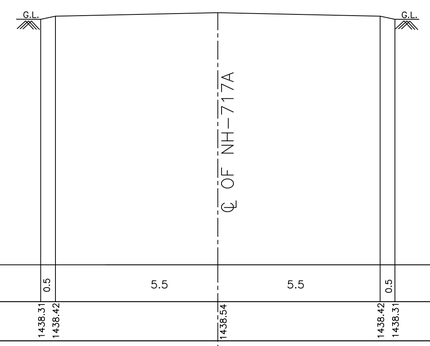
KEY PLAN
NOT TO SCALE

PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100



DATUM -1430.0m

DISTANCE BETWEEN LEVEL POINTS (m)	0.5, 5.5, 5.5, 0.5
REDUCED LEVEL IN m ABOVE MSL	1438.31, 1438.42, 1438.54, 1438.42, 1438.31
℄ CHAINAGE	SEC. CH: 135+272Km
SOIL STRATIFICATION	

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1438.31m
4. Crossing Length-12.00m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-78
ROUTE MAP	SILIGURI-ROUTEMAP-05

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	D.Krishna	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

ISSUE RECORD

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: IGOL — INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

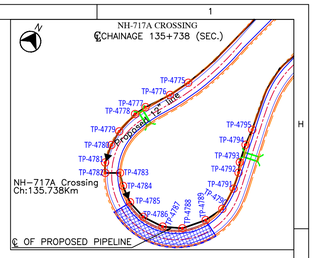
NH-717A CROSSING AT (PEDONG KHASMAHAL) CHAINAGE 135.272 Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-77 | R 3

SILIGURI

GANGTOK

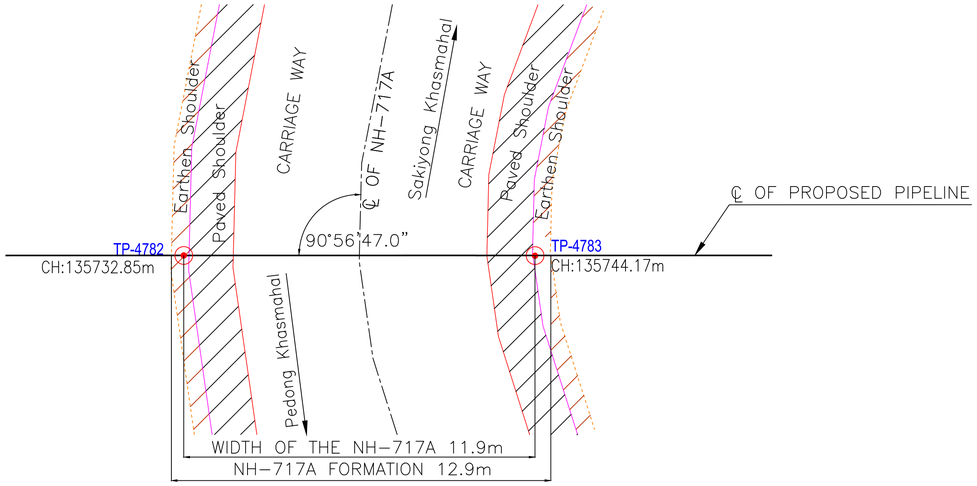
NH-717A CROSSING
℄ CHAINAGE :135+738 (SEC.)



KEY PLAN
NOT TO SCALE

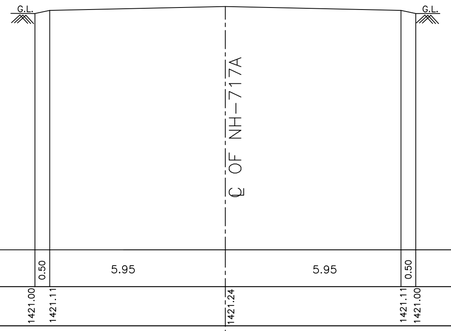
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1413.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.50	5.95	5.95	0.50		
REDUCED LEVEL IN m ABOVE MSL	1421.00	1421.11	1421.24	1421.11	1421.00	
℄ CHAINAGE			SEC. CH: 135+738Km			
SOIL STRATIFICATION						

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TP TURNING POINT
- IP INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1421.00m
4. Crossing Length-12.9m

ALIGNMENT DRAWING	SILIGURI-ALN-78
ROUTE MAP	SILIGURI-ROUTEMAP-05
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	D.Krishna	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

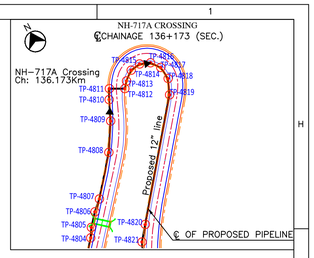
NH-717A CROSSING AT (SAKIYONG KHASMAHAL) CHAINAGE 135.738 Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-78 | R 3

SILIGURI

GANGTOK

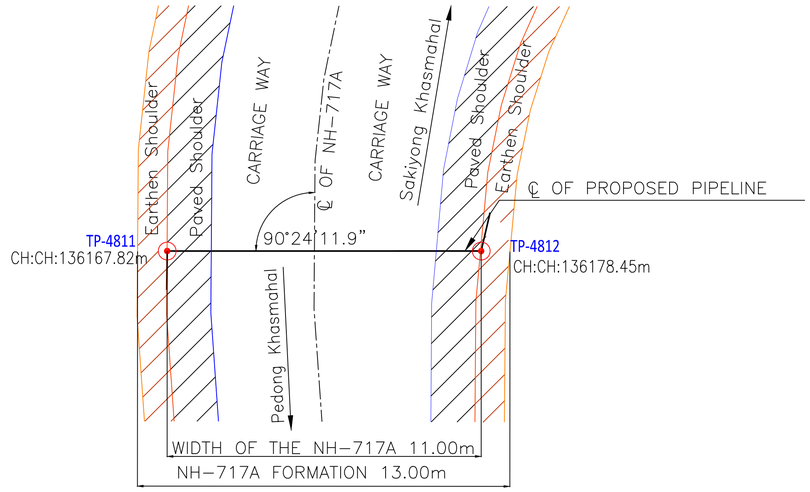
NH-717A CROSSING
℄CHAINAGE :136+173(SEC.)



KEY PLAN
NOT TO SCALE

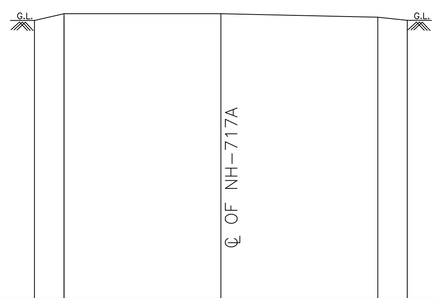
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1384.0m



DISTANCE BETWEEN LEVEL POINTS (m)	1.0	5.5		5.5	1.0	
REDUCED LEVEL IN m ABOVE MSL	1393.46	1393.57	1393.69	1393.57	1393.46	
℄ CHAINAGE			SEC. CH: 136+173Km			
SOIL STRATIFICATION						

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1393.46m
4. Crossing Length-13.00m

ALIGNMENT DRAWING	SILIGURI-ALN-78
ROUTE MAP	SILIGURI-ROUTEMAP-05
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	D.Krishna	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

ISSUE RECORD

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: IGOL — INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: IN-RIMT — INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

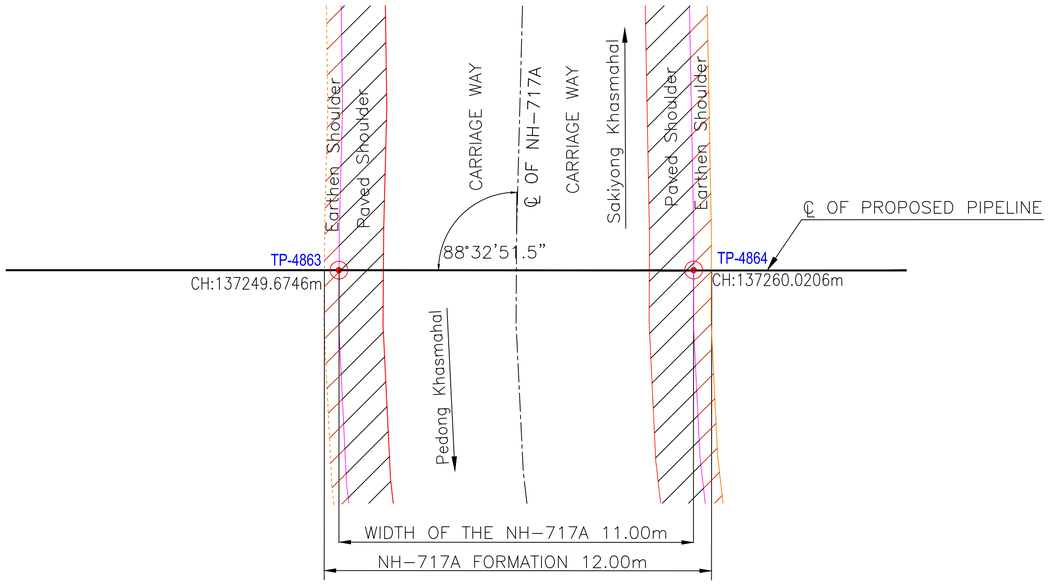
NH-717A CROSSING AT (PEDONG KHASMAHAL) CHAINAGE 136.173 Km

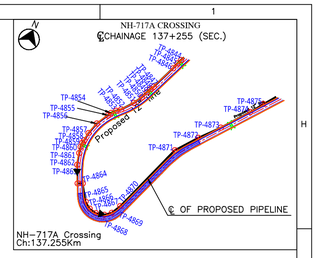
SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-79	R	3

SILIGURI

GANGTOK

NH-717A CROSSING
℄CHAINAGE :137+255(SEC.)





KEY PLAN
NOT TO SCALE

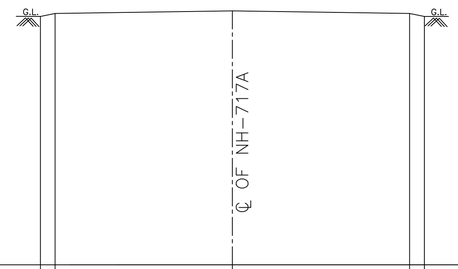
N

PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100

GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1317.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.50	5.5	5.5	0.50		
REDUCED LEVEL IN m ABOVE MSL	1325.41	1325.51	1325.60	1325.51	1325.41	
℄ CHAINAGE			SEC. CH: 137+255Km			
SOIL STRATIFICATION						

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TP TURNING POINT
- IP INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1325.41m
4. Crossing Length-12.00m

ALIGNMENT DRAWING	SILIGURI-ALN-79
ROUTE MAP	SILIGURI-ROUTEMAP-05
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	D.Krishna	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

ISSUE RECORD

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: IGOL INDRADHANUSH GAS GRID LIMITED

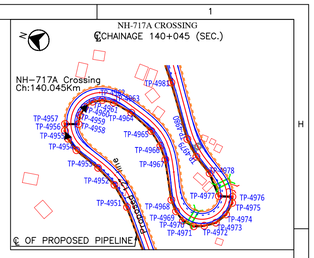
SURVEY CONSULTANT: IN-RIMT
INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD.
(IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

NH-717A CROSSING AT (SAKIYONG KHASMAHAL) CHAINAGE 137.255 Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-80 | R 3

SILIGURI ← → GANGTOK

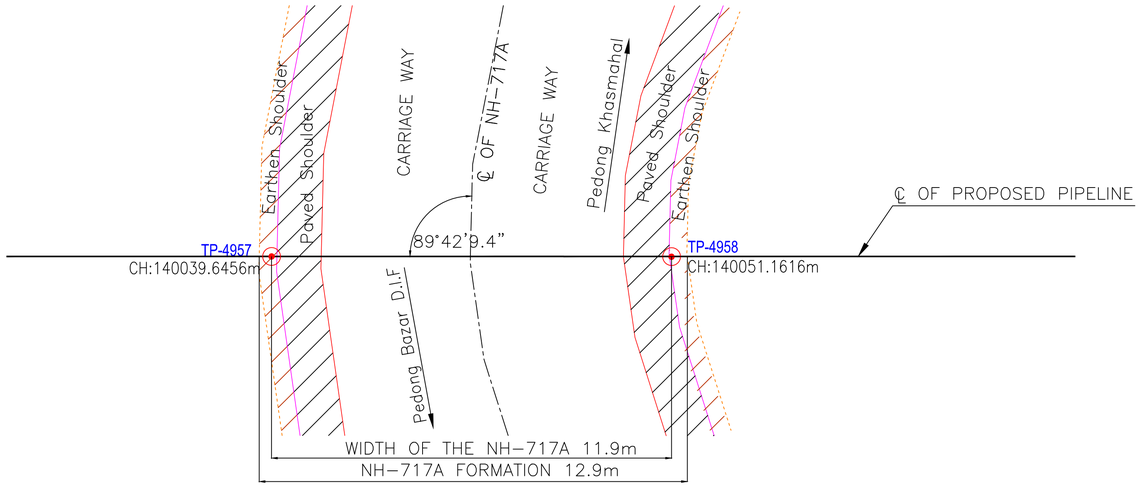
NH-717A CROSSING
℄ CHAINAGE :140+045(SEC.)



KEY PLAN
NOT TO SCALE

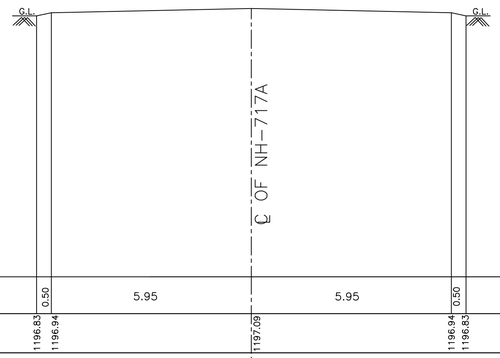
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1188.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.50, 5.95, 5.95, 0.50
REDUCED LEVEL IN m ABOVE MSL	1196.83, 1196.94, 1197.09, 1196.94, 1196.83
℄ CHAINAGE	SEC. CH: 140+045Km
SOIL STRATIFICATION	

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TURNING POINT
- INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1196.83m
4. Crossing Length-12.9m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-80
ROUTE MAP	SILIGURI-ROUTEMAP-05

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	D.Krishna	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

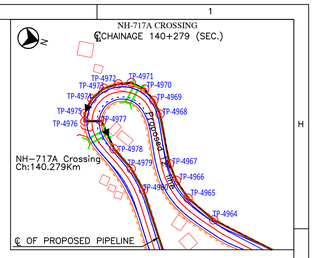
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

NH-717A CROSSING AT (PEDONG BAZAR D.I.F) CHAINAGE140.045Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-81 | R 3

SILIGURI ← → GANGTOK

NH-717A CROSSING
℄ CHAINAGE :140+279(SEC.)

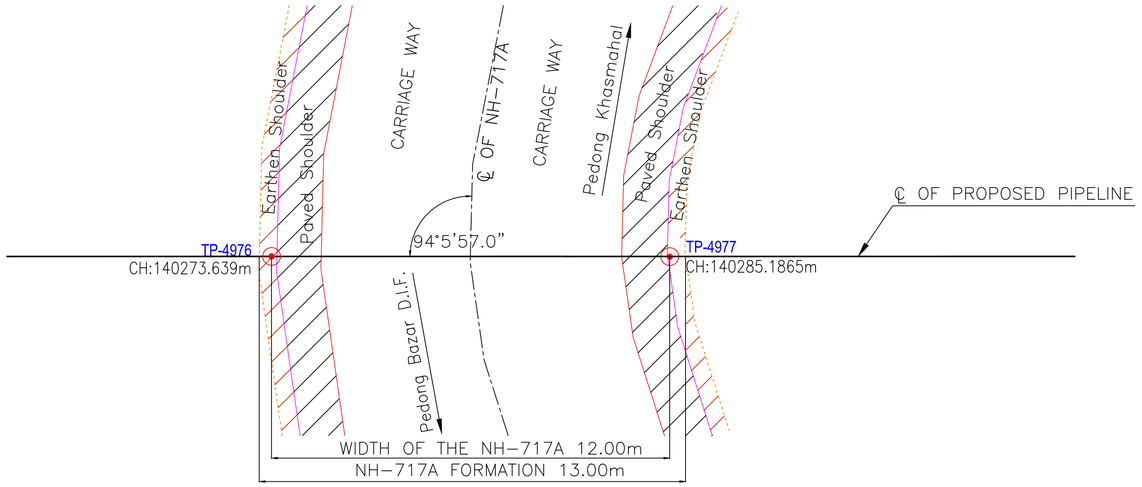


KEY PLAN
NOT TO SCALE

N

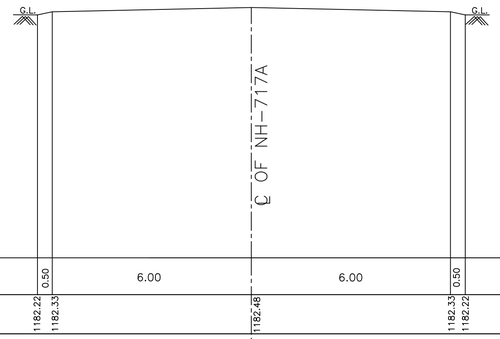
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1174.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.50	6.00	6.00	0.50	
REDUCED LEVEL IN m ABOVE MSL	1182.22	1182.33	1182.48	1182.33	1182.22
℄ CHAINAGE			SEC. CH: 140.279Km		
SOIL STRATIFICATION					

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TP TURNING POINT
- IP INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
- WATER TANK, LAKE OR RESERVOIR
- BRIDGE, CULVERT
- HOUSE
- TEMPLE
- COMPOUND WALL WITH GATE
- FENCING
- FOREST
- TREE
- HIGHTEHSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1182.22m
4. Crossing Length-13.00m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-81
ROUTE MAP	SILIGURI-ROUTEMAP-05

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	D.Krishna	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
1	07-6-22	Final Copy	K.J.J	P.B.RAO
0	13-4-22	Draft Copy	K.J.J	P.B.RAO

CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: IGGL — INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: IN-RIMT — INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

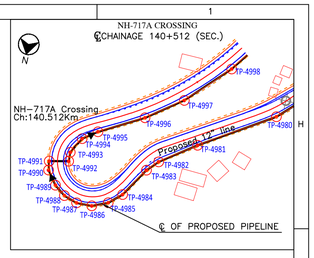
NH-717A CROSSING AT (PEDONG KHASMAHAL) CHAINAGE 140.279Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-82 | R 3

SILIGURI

GANGTOK

NH-717A CROSSING
℄CHAINAGE :140+512(SEC.)

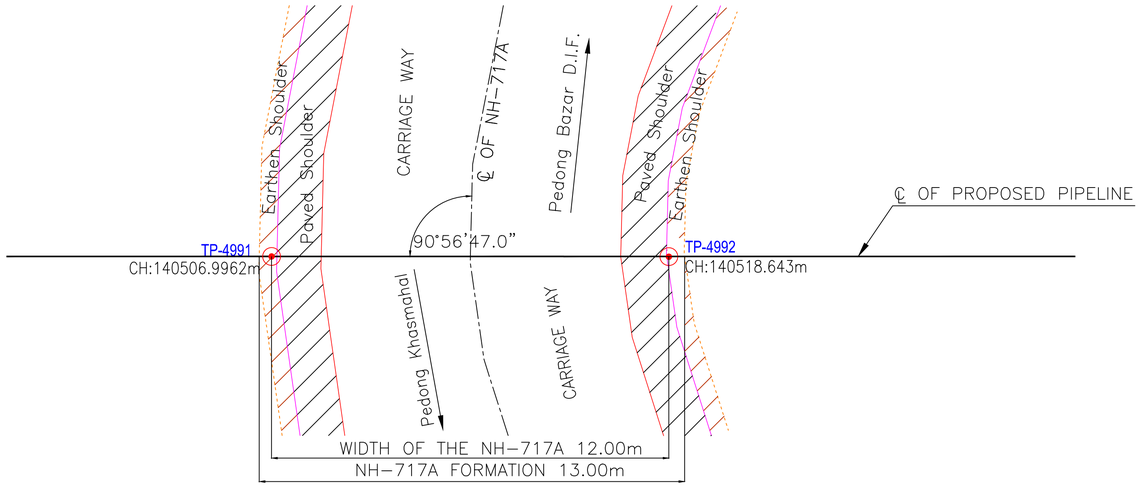


KEY PLAN
NOT TO SCALE

N

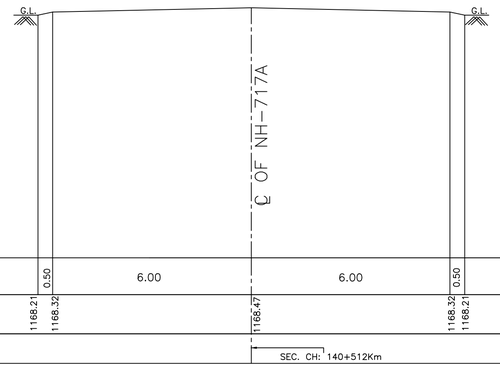
PLANIMETRY

SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE
SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1160.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.50 / 6.00 / 6.00 / 0.50
REDUCED LEVEL IN m ABOVE MSL	1168.21 / 1168.32 / 1168.47 / 1168.32 / 1168.21
℄ CHAINAGE	SEC. CH: 140+512Km
SOIL STRATIFICATION	

TOPOGRAPHIC SYMBOLS

- PROPOSED PIPELINE
- EXISTING PIPELINE
- TP TURNING POINT
- IP INTERMEDIATE POINT
- METALLED ROAD
- CART TRACK
- FOOTPATH
- RAILWAY
- DRAIN/CANAL/RIVER
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- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NFS STONE
- GROUND PROFILE

APPROVING AUTHORITY

NAME OF THE ROAD :- NH-717A CROSSING

NOTES:-
1. All dimensions are in metre unless otherwise mentioned.
2. All levels are with respect to M.S.L.
3. Ground Level(MSL)-1168.21m
4. Crossing Length-13.00m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-81
ROUTE MAP	SILIGURI-ROUTEMAP-05

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-12-22	Submission-Reroute	D.Krishna	Rajkumar
2	29-7-22	Final Submission	D.Krishna	Rajkumar
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CITY GAS DETAILED SURVEY FOR NORTH EASTERN GAS GRID PIPELINE PROJECT
SECTION : SILIGURI TO GANGTOK

CLIENT: INDRADHANUSH GAS GRID LIMITED

SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

NH-717A CROSSING AT (PEDONG KHASMAHAL) CHAINAGE 140.512 Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-83 | R 3