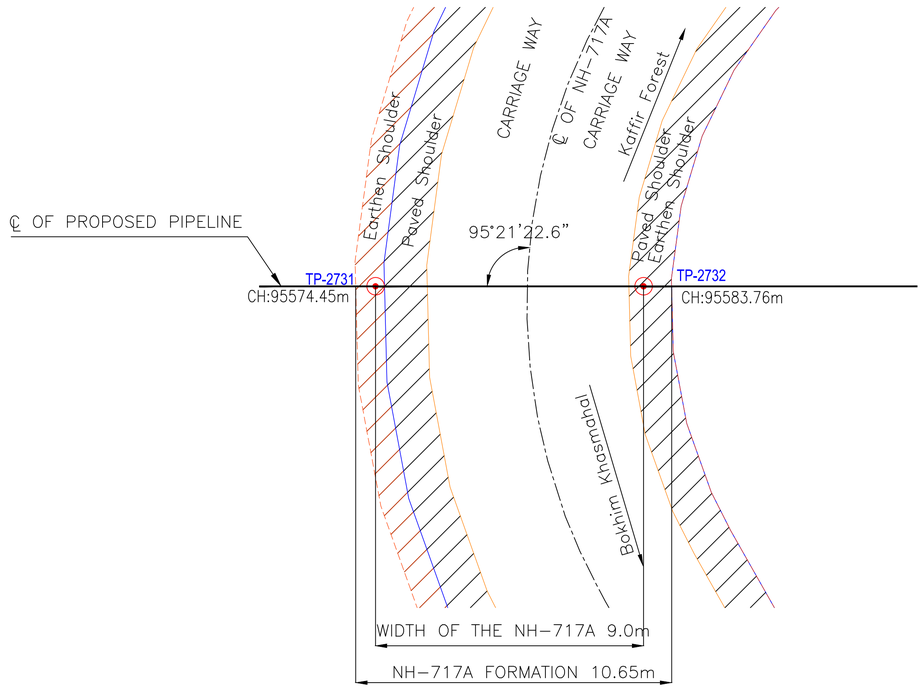
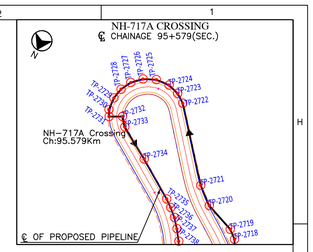
NH-717A CROSSING

℄ CHAINAGE :95+579(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

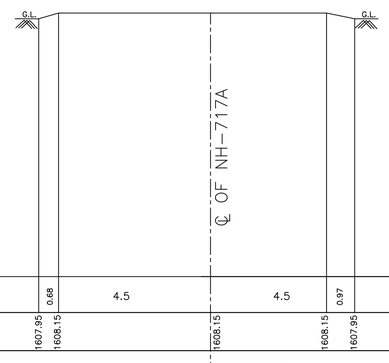
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1599 .0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.68, 4.5, 4.5, 0.97
REDUCED LEVEL IN m ABOVE MSL	1607.95, 1608.15, 1608.15, 1608.15, 1607.95
℄ CHAINAGE	SEC. CH: 95+579Km
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
- HIGHTENSION POLE
- ELECTRIC POLE
- TELEPHONE POLE
- STREET LIGHT
- TRANSFORMER
- PYLON
- MANHOLE
- OFC
- TRAFFIC SIGNAL
- DGPS STATION
- OIL STONE
- NF'S 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)-1607.95 m
4. Crossing Length-10.65m

ALIGNMENT DRAWING	SILUGURU-ALN-53
ROUTE MAP	SILUGURU-ROUTEMAP-03

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.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: INDRADHANUSH GAS GRID LIMITED

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

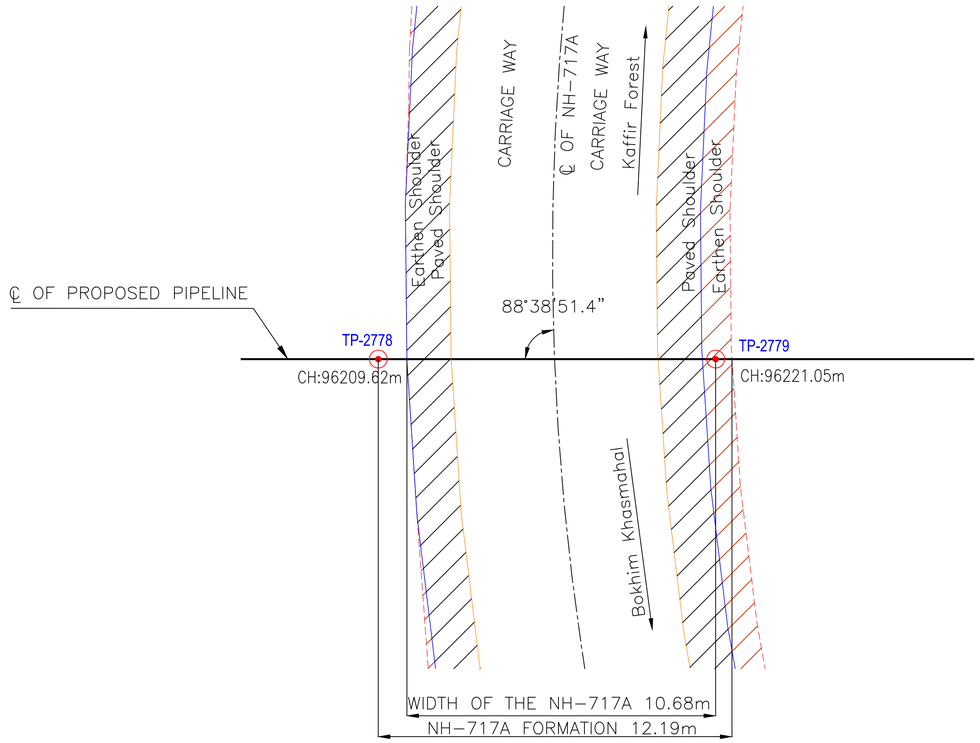
NH-717A CROSSING AT (BOKHIM KHASMAHAL) CHAINAGE 95.579Km

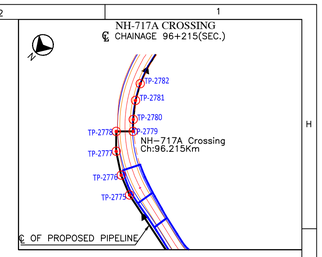
SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-42 | R 3

NH-717A CROSSING

℄ CHAINAGE :96+215(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

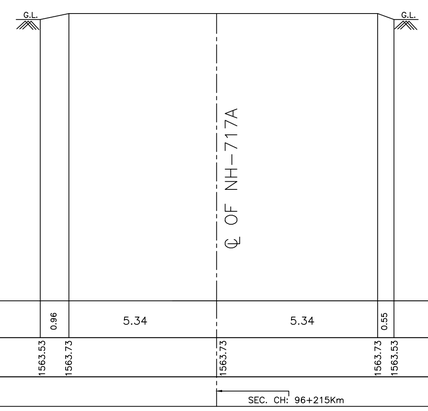
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1554 .0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.96 / 5.34 / 5.34 / 0.55
REDUCED LEVEL IN m ABOVE MSL	1563.53 / 1563.73 / 1563.73 / 1563.73 / 1563.53
℄ CHAINAGE	SEC. CH: 96+215Km
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)-1563.53m
4. Crossing Length-12.19m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILUGURU-ALN-54
ROUTE MAP	SILUGURU-ROUTEMAP-03

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

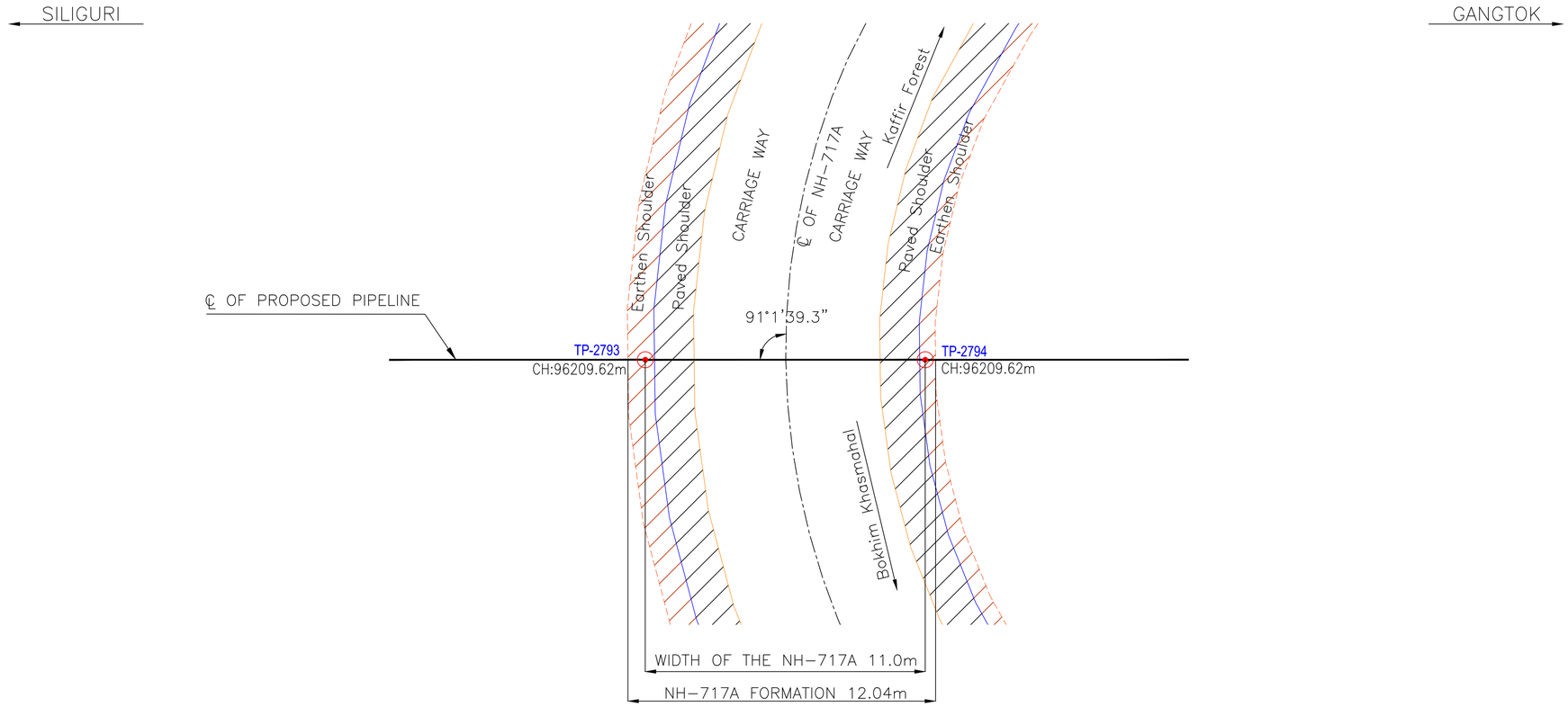
SURVEY CONSULTANT: IN-RIMT — INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

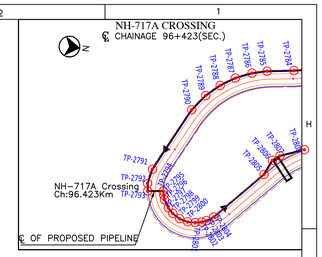
NH-717A CROSSING AT (BOKHIM KHASMAHAL) CHAINAGE 96.215Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-43 | R 3

NH-717A CROSSING

℄ CHAINAGE :96+423(SEC.)





KEY PLAN
NOT TO SCALE

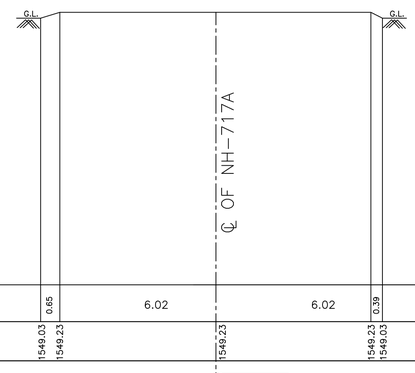
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1540 .0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.65, 6.02, 6.02, 0.39
REDUCED LEVEL IN m ABOVE MSL	1549.03, 1549.23, 1549.23, 1549.23, 1549.03
℄ CHAINAGE	SEC. CH: 96+423Km
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)-1549.03m
4. Crossing Length-12.04m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILUGURU-ALN-54
ROUTE MAP	SILUGURU-ROUTEMAP-03

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: INDRADHANUSH GAS GRID LIMITED

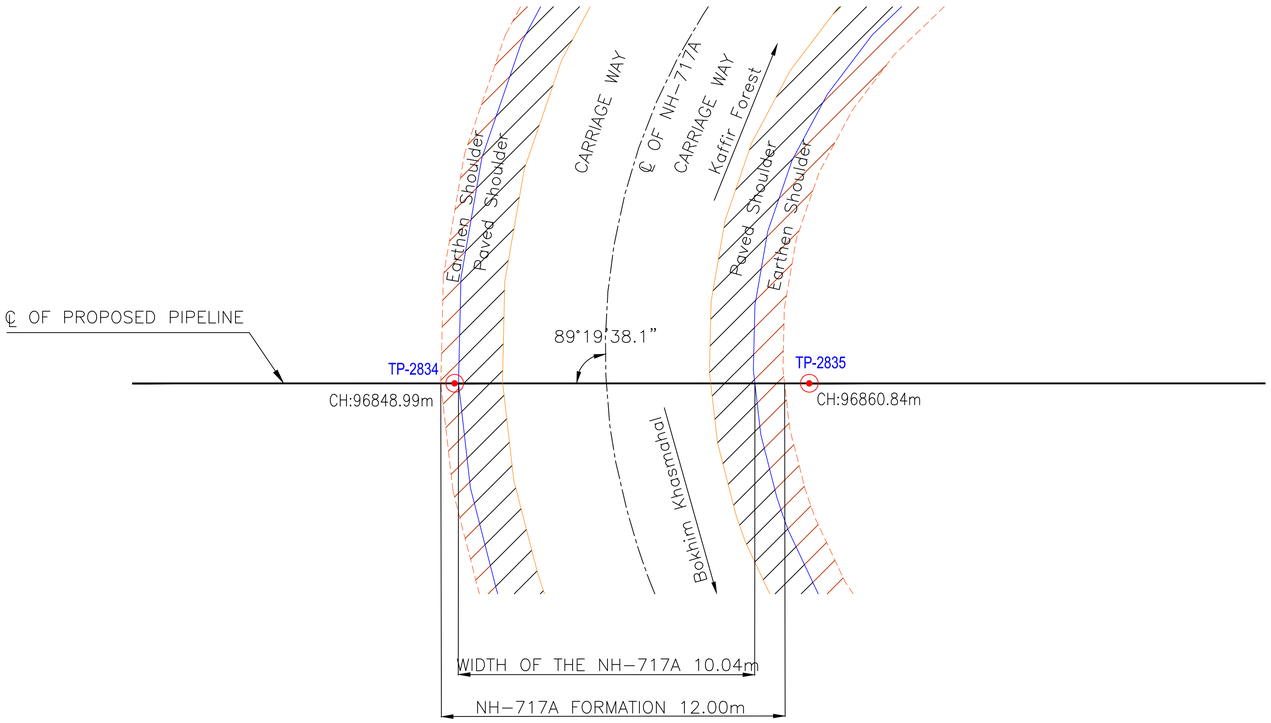
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

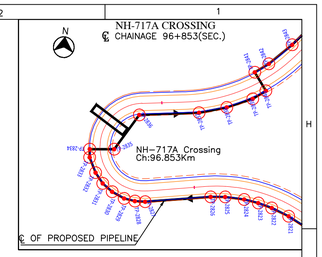
NH-717A CROSSING AT (BOKHIM KHASMAHAL) CHAINAGE 96.423Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-44 | R 3

NH-717A CROSSING
℄ CHAINAGE :96+853(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

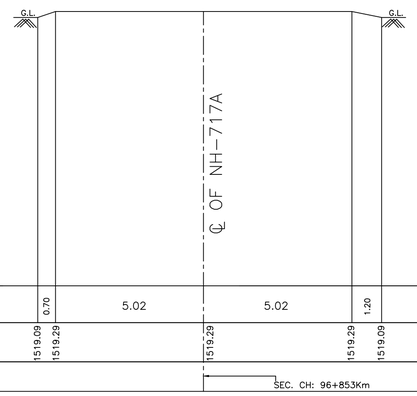
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1510.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.70 / 5.02 / 5.02 / 1.20
REDUCED LEVEL IN m ABOVE MSL	1519.09 / 1519.29 / 1519.29 / 1519.29 / 1519.09
℄ CHAINAGE	SEC. CH: 96+853Km
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)-1519.09m
4. Crossing Length-12.00m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILUGURU-ALN-54
ROUTE MAP	SILUGURU-ROUTEMAP-03

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: INDRADHANUSH GAS GRID LIMITED

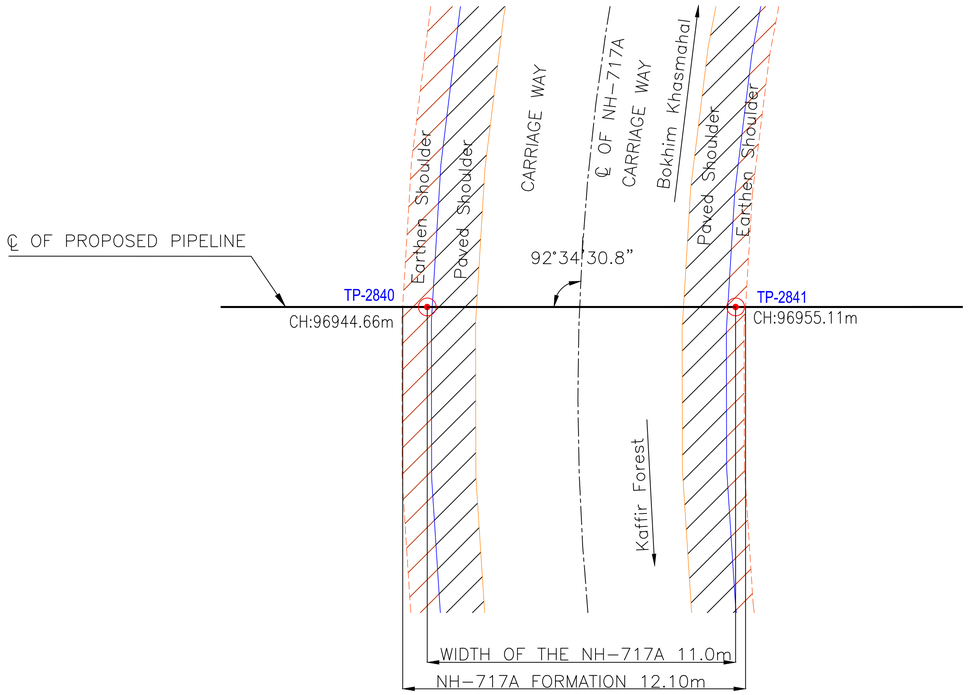
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD.
(IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

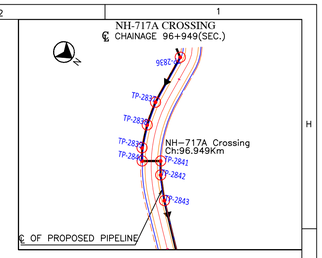
NH-717A CROSSING AT (BOKHIM KHASMAHAL) CHAINAGE 96.853Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-45 | R 3

NH-717A CROSSING
℄ CHAINAGE :96+949(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

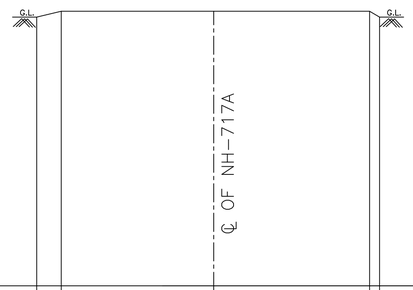
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1506.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.8	5.5	5.5	0.3	
REDUCED LEVEL IN m ABOVE MSL	1515.10	1515.30	1515.30	1515.30	1515.10
℄ CHAINAGE			SEC. CH: 96+949Km		
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)-1515.10m
4. Crossing Length-12.10m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILUGURU-ALN-54
ROUTE MAP	SILUGURU-ROUTEMAP-03

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: INDRADHANUSH GAS GRID LIMITED

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

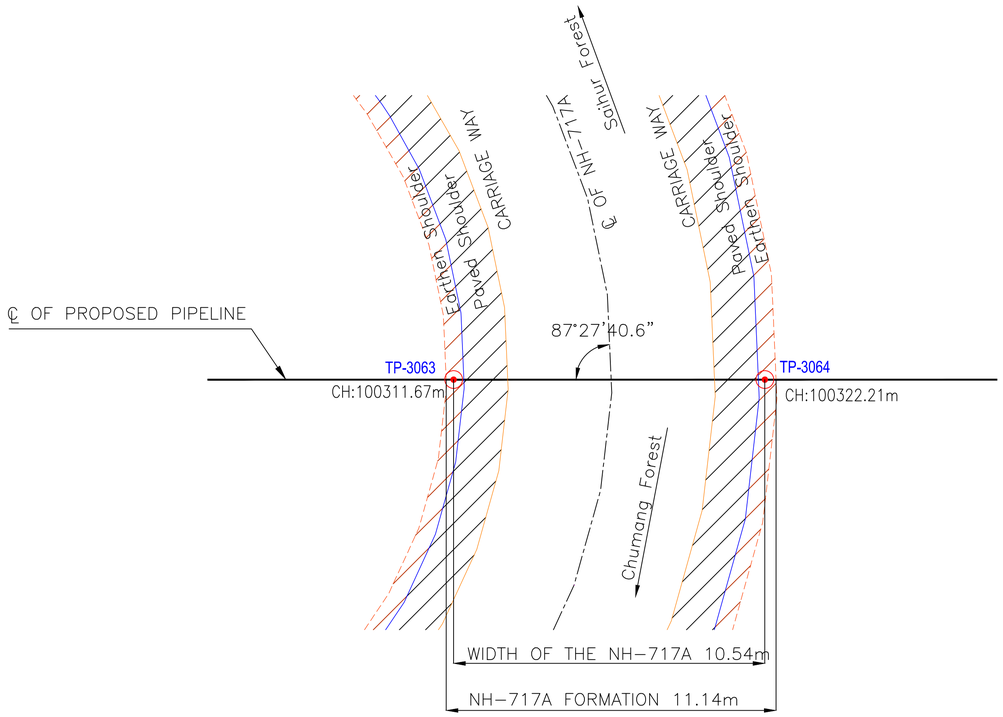
NH-717A CROSSING AT (BOKHIM KHASMAHAL) CHAINAGE 96.949Km

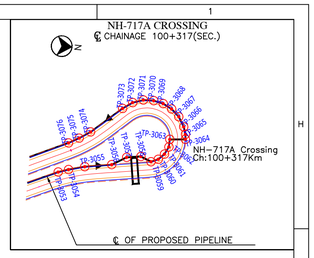
SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-46 | R 3

NH-717A CROSSING
℄CHAINAGE :100+317(SEC.)

SILIGURI

GANGTOK





KEY PLAN
NOT TO SCALE

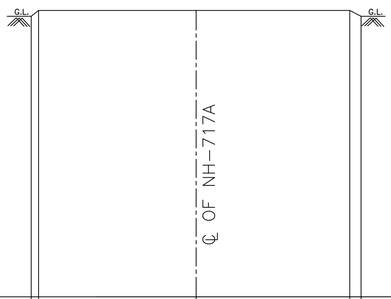
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1545.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.25	5.27	5.27	0.4	
REDUCED LEVEL IN m ABOVE MSL	1554.50 1554.70	1554.70		1554.70 1554.50	
℄ CHAINAGE			SEC. CH: 100+317Km		
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)-1554.50m
4. Crossing Length-11.14m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILUGURU-ALN-56
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 (CHUMANG FOREST) CHAINAGE 100.317Km

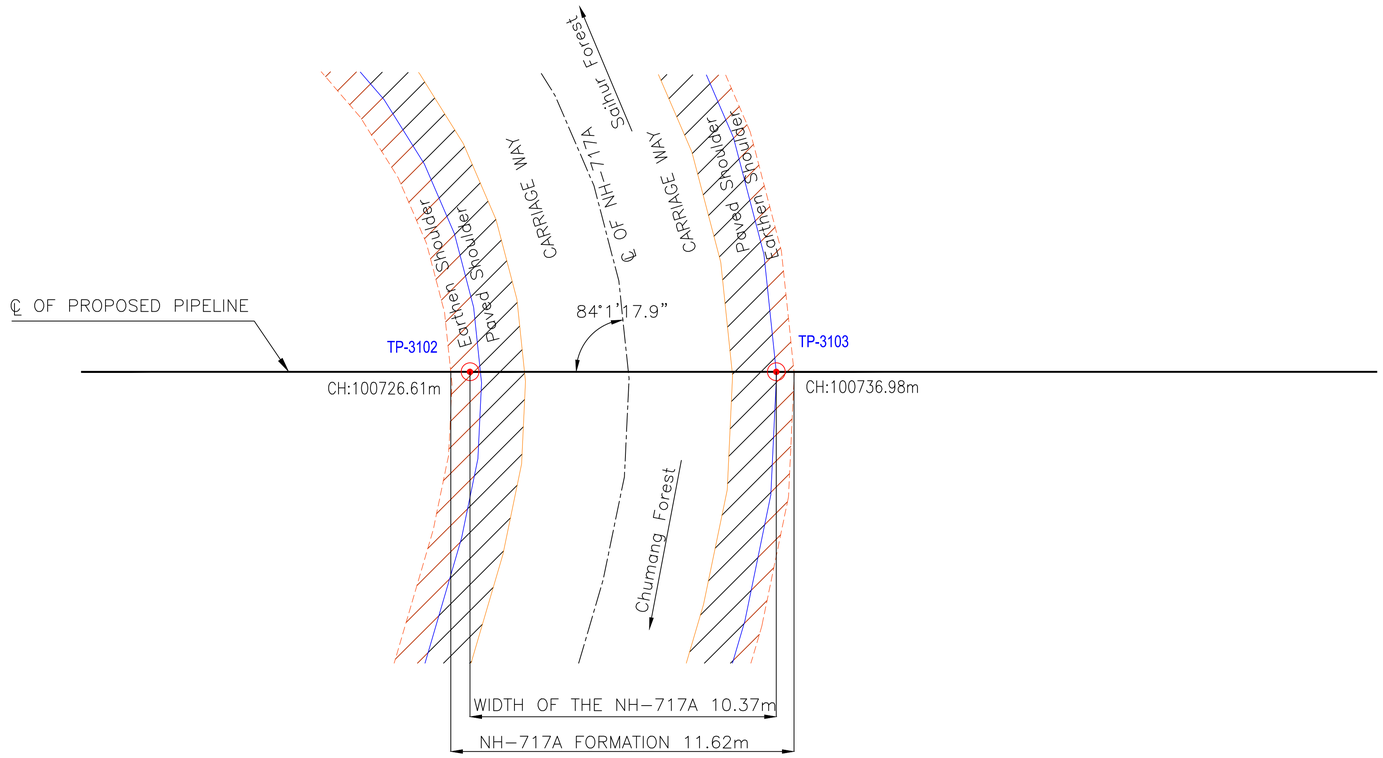
SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-47	R	3

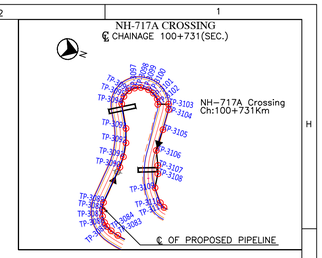
NH-717A CROSSING

℄ CHAINAGE :100+731(SEC.)

SILIGURI

GANGTOK





KEY PLAN
NOT TO SCALE

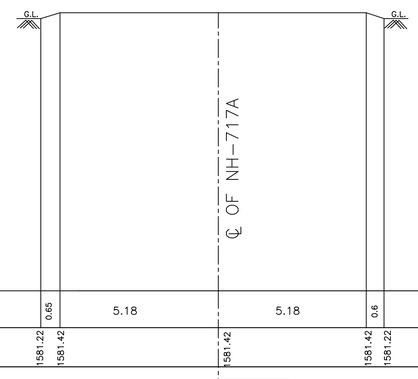
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1572 .0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.65	5.18	5.18	0.6	
REDUCED LEVEL IN m ABOVE MSL	1581.22 1581.42		1581.42	1581.42 1581.22	
℄ CHAINAGE			SEC. CH: 100+731Km		
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)-1581.22m
4. Crossing Length-11.62m

ALIGNMENT DRAWING	SILUGURU-ALN-56
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.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

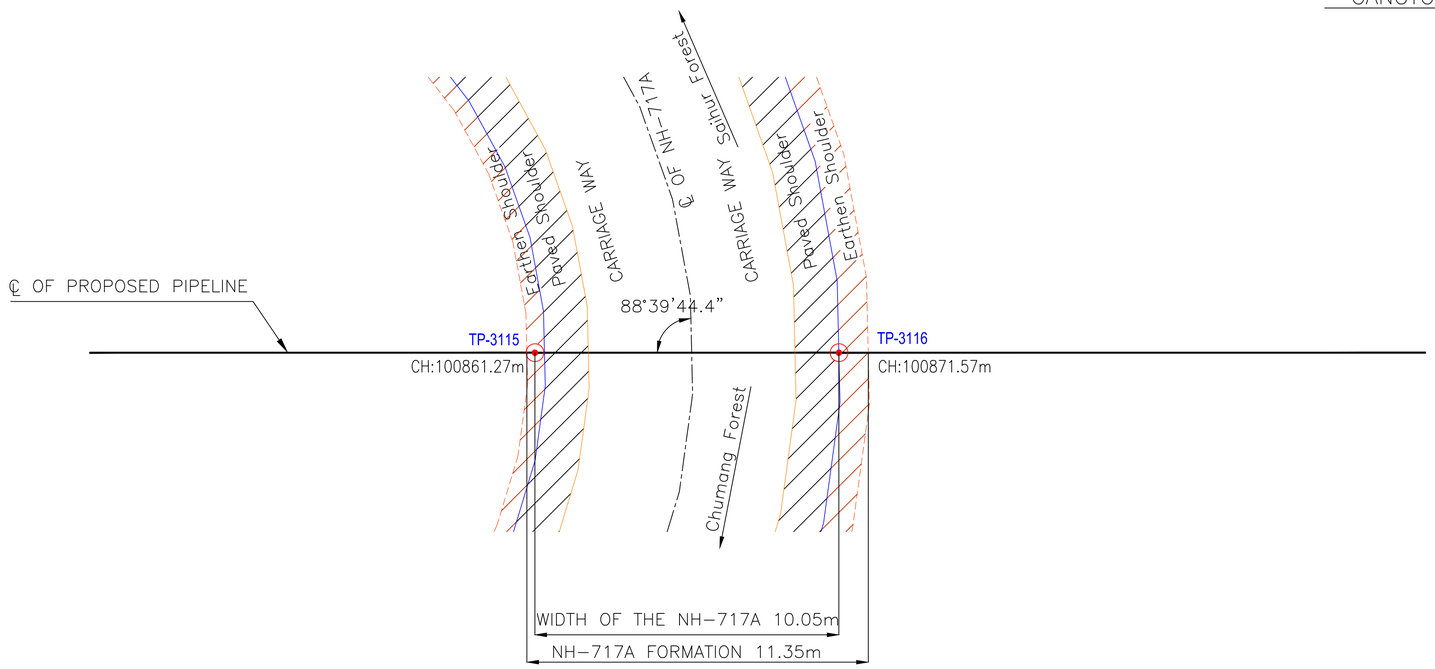
SURVEY CONSULTANT: IN-RIMT — INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

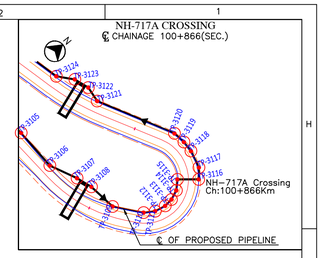
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 100.731Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-48	R 3

NH-717A CROSSING
℄ CHAINAGE :100+866(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

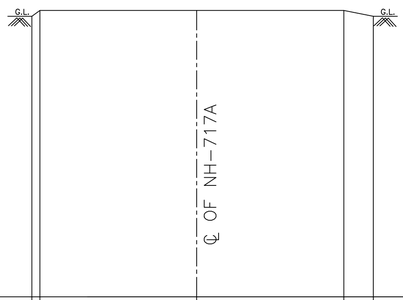
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1580.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.3	5.02	5.02	1.0		
REDUCED LEVEL IN m ABOVE MSL	1589.50 1589.70		1589.70	1589.70	1589.50	
℄ CHAINAGE			SEC. CH: 100+866Km			
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)-1589.50m
4. Crossing Length-11.35m

ALIGNMENT DRAWING	SILUGURU-ALN-56
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: IGOL — INDRADHANUSH GAS GRID LIMITED

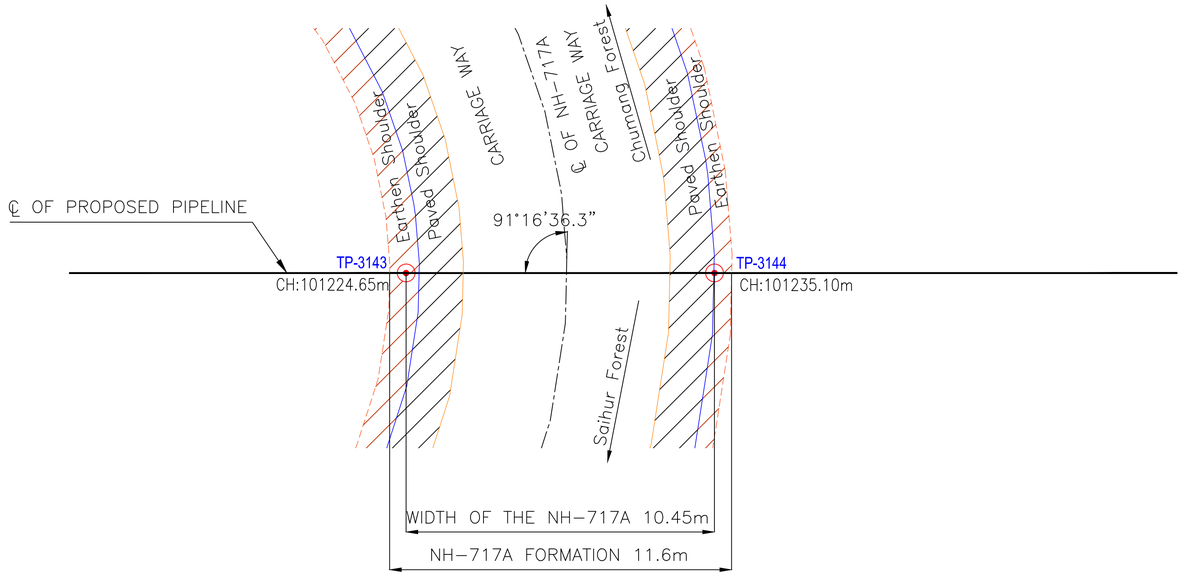
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

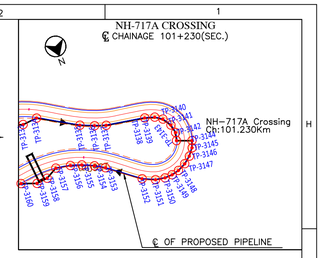
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 100.866Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-49 | R 3

NH-717A CROSSING
℄CHAINAGE :101+230(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

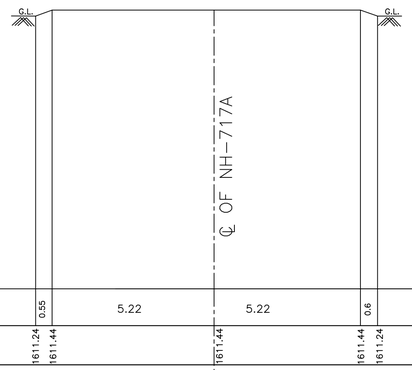
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1602.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.55, 5.22, 5.22, 0.6
REDUCED LEVEL IN m ABOVE MSL	1611.24, 1611.44, 1611.44, 1611.44, 1611.24
℄ CHAINAGE	SEC. CH: 101+230Km
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)-1611.24m
4. Crossing Length-11.6m

ALIGNMENT DRAWING	SILUGURU-ALN-57
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

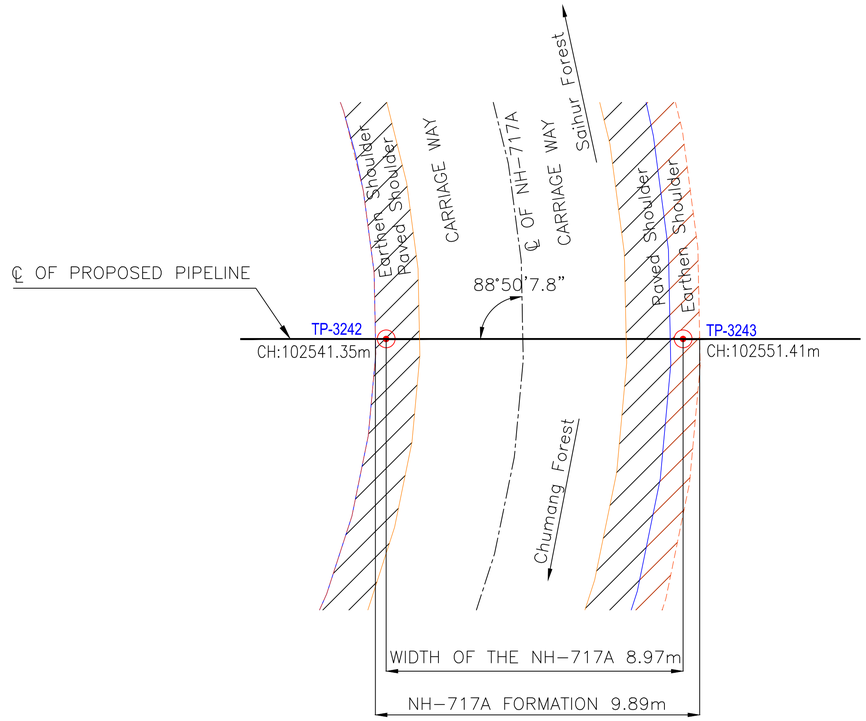
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

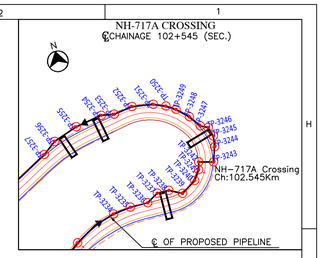
NH-717A CROSSING AT (SAIHUR FOREST) CHAINAGE 101.230Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-50 | R 3

NH-717A CROSSING
℄ CHAINAGE :102+545(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

N

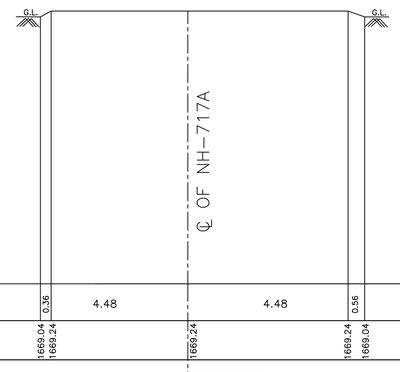
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM -1660 .0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.56 / 4.48 / 4.48 / 0.56
REDUCED LEVEL IN m ABOVE MSL	1669.04 / 1669.24 / 1669.24 / 1669.04
℄ CHAINAGE	SEC. CH: 102+545Km
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)-1669.04m
4. Crossing Length-9.89m

ALIGNMENT DRAWING	SILUGURU-ALN-57
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: IGGL — INDRADHANUSH GAS GRID LIMITED

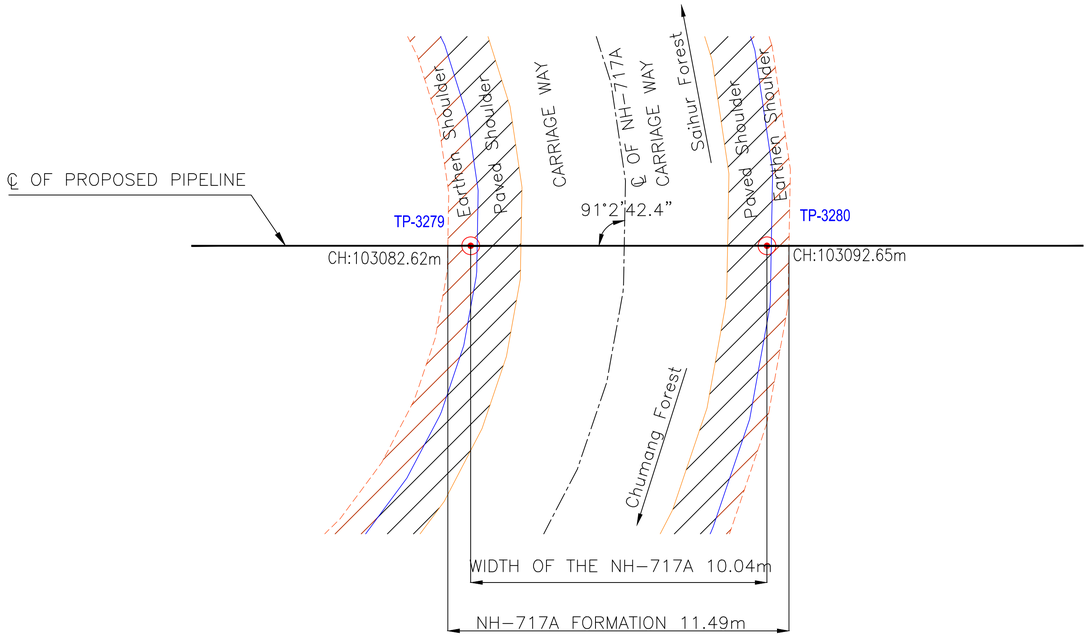
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

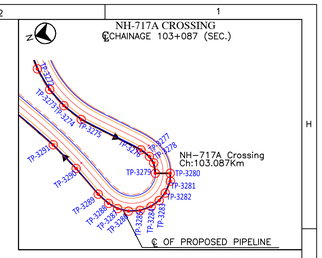
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 102.545Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-51	R	3

NH-717A CROSSING
℄ CHAINAGE :103+087(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

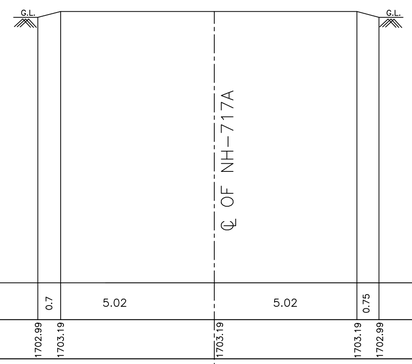
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1694.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.7	5.02	5.02	0.75		
REDUCED LEVEL IN m ABOVE MSL	1702.99	1703.19	1703.19	1703.19	1702.99	
℄ CHAINAGE			SEC. CH: 103+087Km			
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)-1702.99m
4. Crossing Length-11.49m

ALIGNMENT DRAWING	SILUGURU-ALN-58
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.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

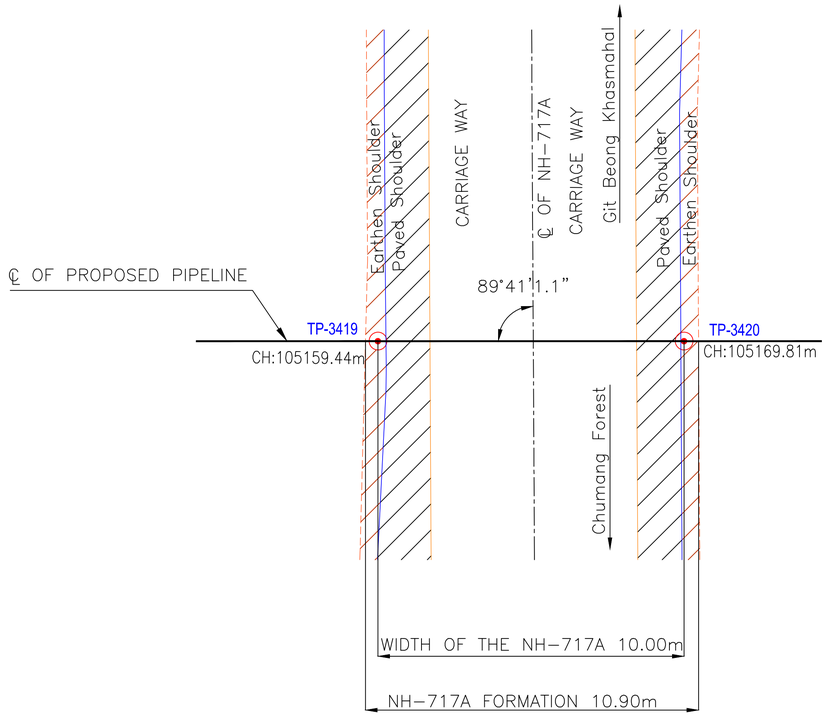
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

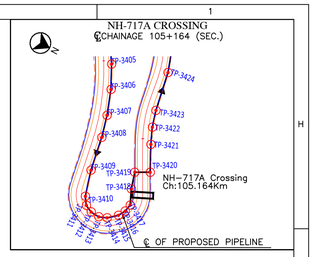
NH-717A CROSSING AT (SAIHUR FOREST) CHAINAGE 103.087Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-52	R	3

NH-717A CROSSING
℄ CHAINAGE :105+164(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

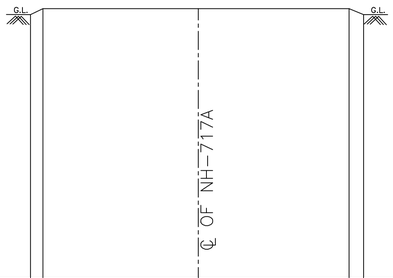
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1830.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.4	5.0	5.0	0.5	
REDUCED LEVEL IN m ABOVE MSL	1838.95 1839.15		1839.15	1839.15 1838.95	
℄ CHAINAGE			SEC. CH: 105+164Km		
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)-1838.95m
4. Crossing Length-10.90m

ALIGNMENT DRAWING	SILUGURU-ALN-59
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.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

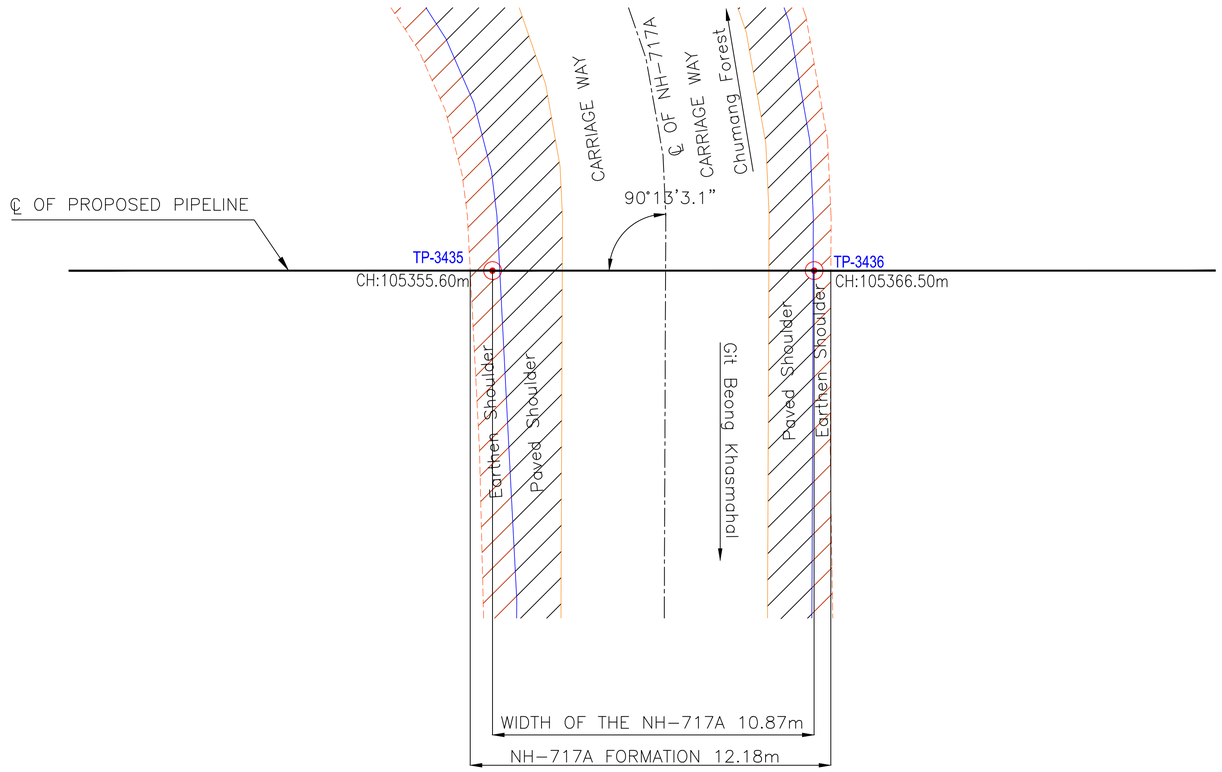
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

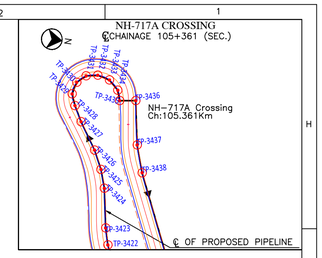
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 105.164Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-53	R	3

NH-717A CROSSING

℄ CHAINAGE :105+361(SEC.)





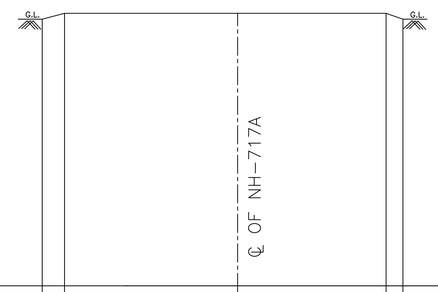
KEY PLAN
NOT TO SCALE

PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100



DATUM - 1843.0m

DISTANCE BETWEEN LEVEL POINTS (m)	0.75	5.43	5.43	0.56			
REDUCED LEVEL IN m ABOVE MSL	1852.03	1852.23	1852.23	1852.23	1852.03		
℄ CHAINAGE			SEC. CH: 105+361Km				
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)-1852.03m
4. Crossing Length-12.18m

ALIGNMENT DRAWING	SILUGURU-ALN-59
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.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

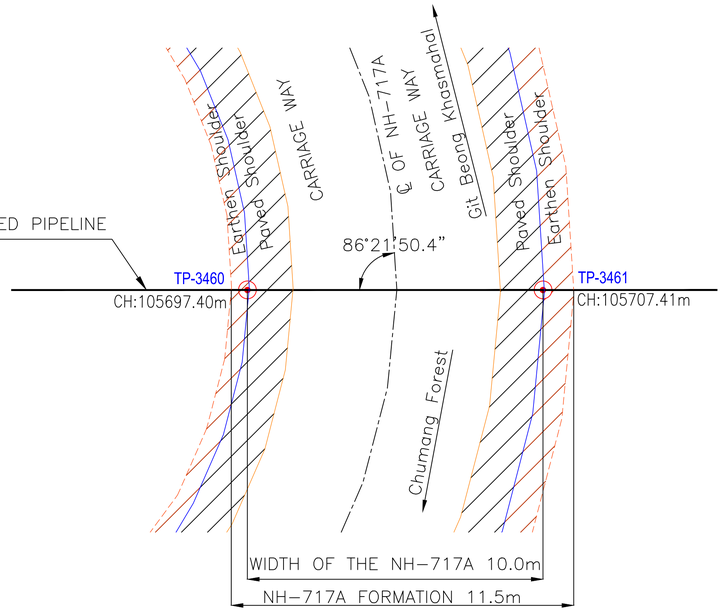
SURVEY CONSULTANT: IN-RIMT — INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

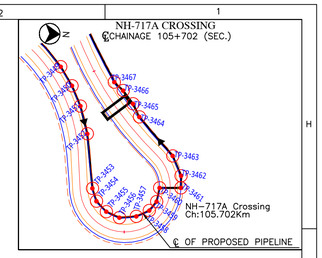
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 105.361Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-54 | R 3

NH-717A CROSSING
℄ CHAINAGE :105+702(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

N

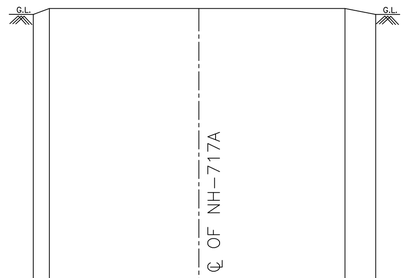
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1860.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.5	5.0	5.0	1.0	
REDUCED LEVEL IN m ABOVE MSL	1869.70	1869.90	1869.90	1869.90	1869.70
℄ CHAINAGE			SEC. CH: 105+702Km		
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)-1869.70m
4. Crossing Length-11.5m

ALIGNMENT DRAWING	SILUGURU-ALN-59
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

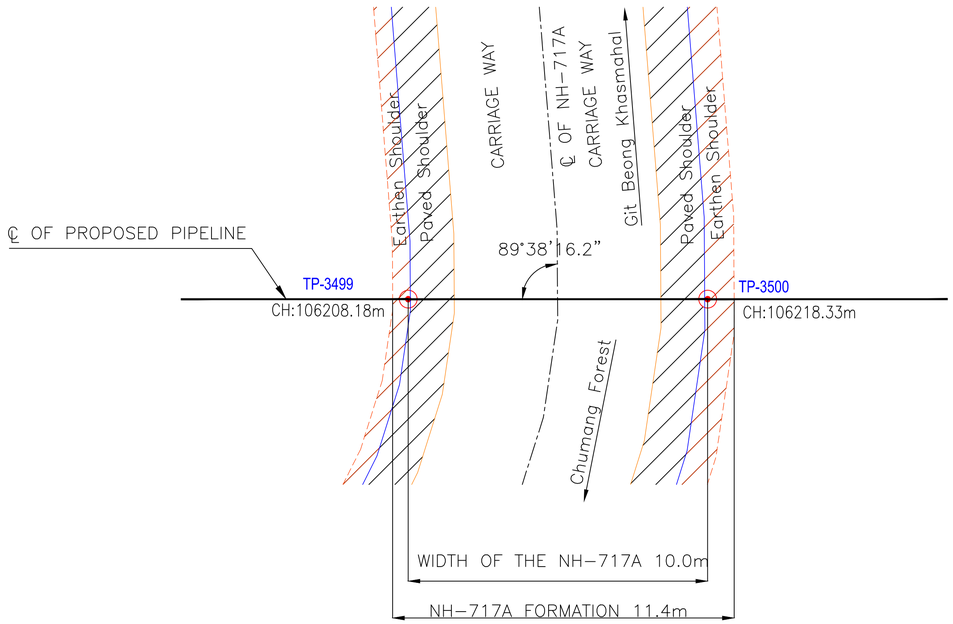
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

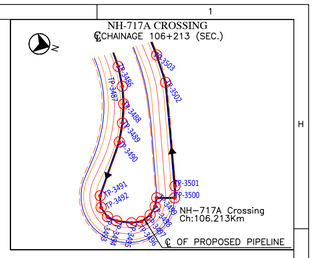
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 105.702Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-55	R	3

NH-717A CROSSING
℄ CHAINAGE :106+213(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

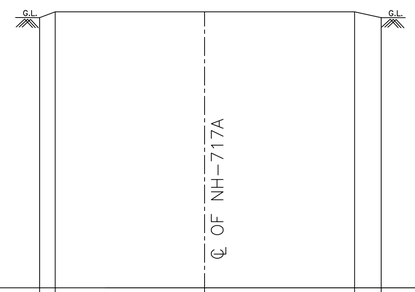
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1891.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.5	5.0	5.0	0.9		
REDUCED LEVEL IN m ABOVE MSL	1900.15	1900.35	1900.35	1900.35	1900.15	
℄ CHAINAGE			SEC. CH: 106+213Km			
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)-1900.15m
4. Crossing Length-11.4m

ALIGNMENT DRAWING	SILUGURU-ALN-59
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

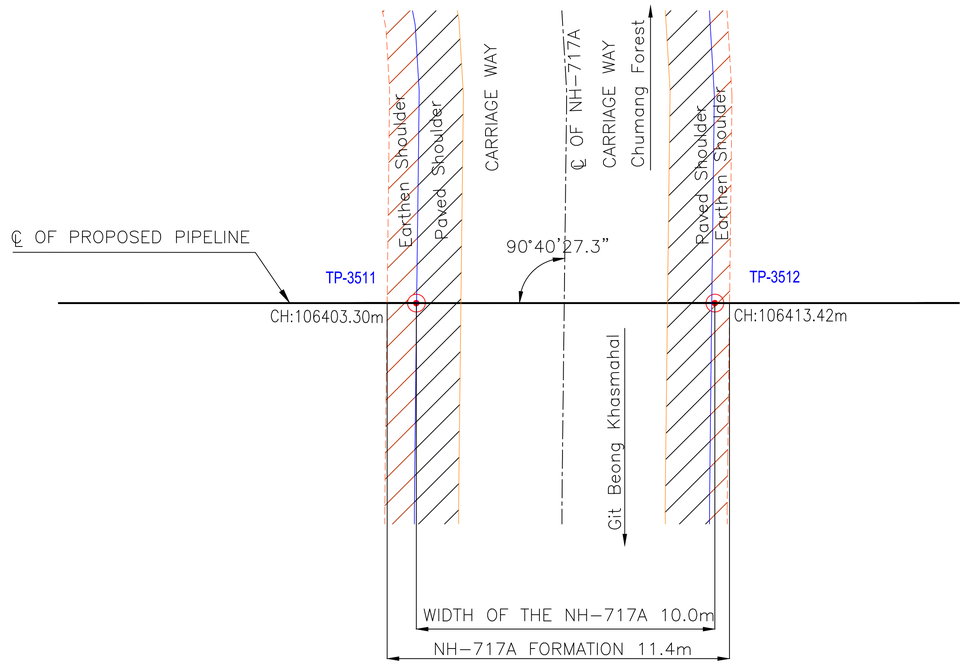
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

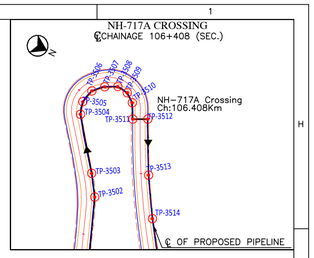
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 106.213Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-57 | R 3

NH-717A CROSSING
℄ CHAINAGE :106+408(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

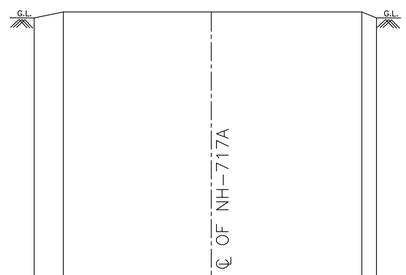
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1901.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.9	5.0	5.0	0.5	
REDUCED LEVEL IN m ABOVE MSL	1910.48	1910.68	1910.68	1910.68	1910.48
℄ CHAINAGE			SEC. CH: 106+408Km		
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)-1910.48m
4. Crossing Length-11.4m

ALIGNMENT DRAWING	SILUGURU-ALN-60
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

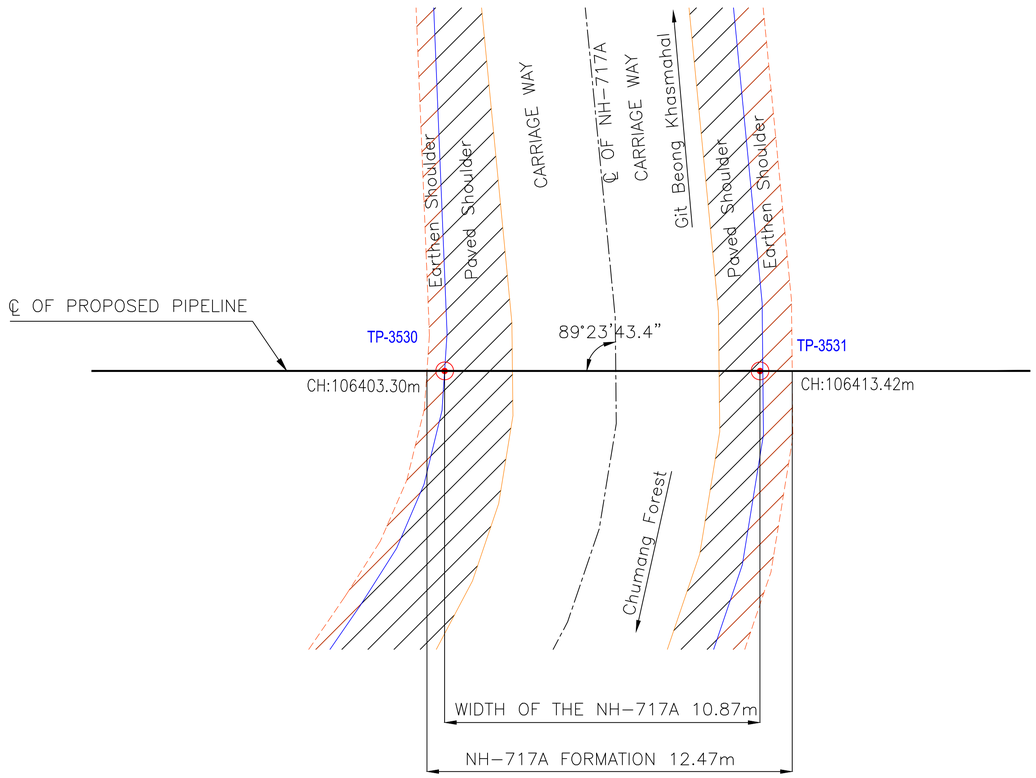
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 106.408Km

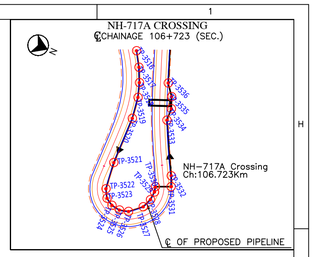
SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-58 | R 3

NH-717A CROSSING

℄ CHAINAGE :106+723(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

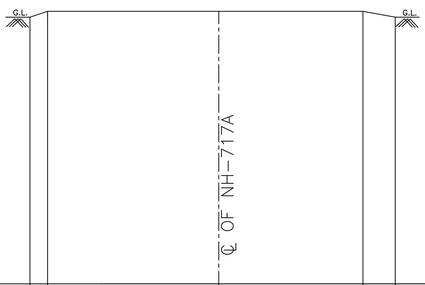
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1915.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.6	5.43	5.43	1.0		
REDUCED LEVEL IN m ABOVE MSL	1924.03	1924.23	1924.23	1924.23	1924.03	
℄ CHAINAGE			SEC. CH: 106+723Km			
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)-1924.03m
4. Crossing Length-12.47m

ALIGNMENT DRAWING	SILUGURU-ALN-60
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

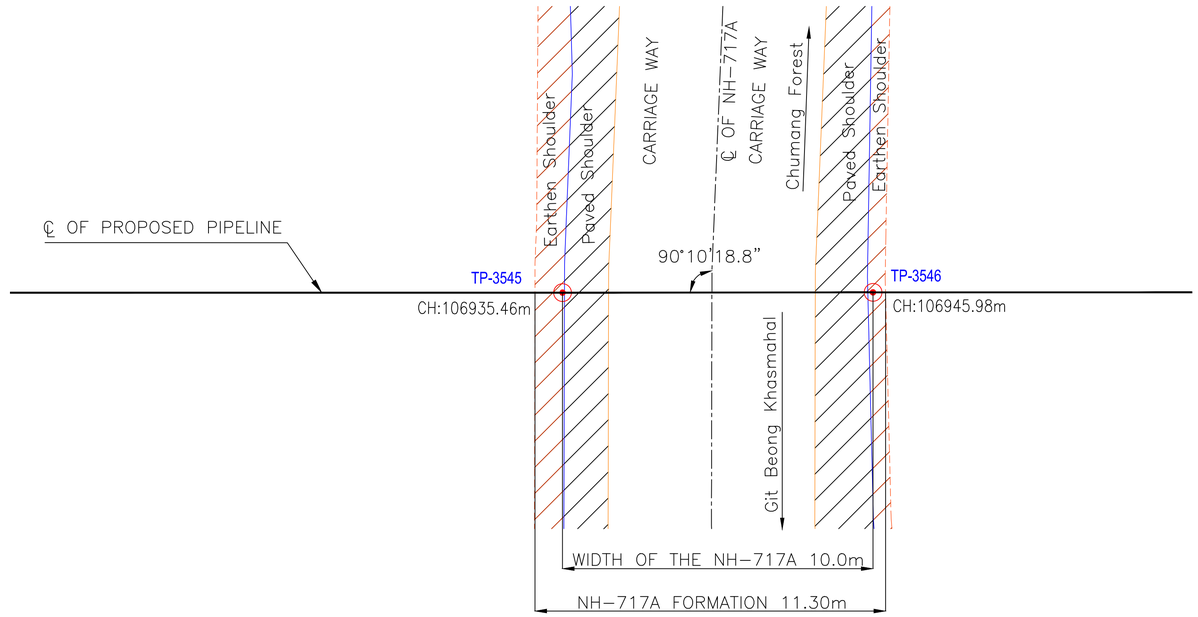
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

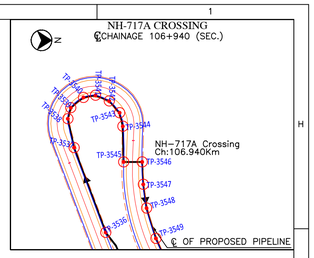
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 106.723Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-59	R	3

NH-717A CROSSING
℄ CHAINAGE :106+940(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

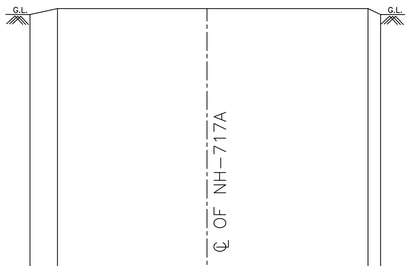
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1928.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.9	5.0	5.0	0.4	
REDUCED LEVEL IN m ABOVE MSL	1937.02	1937.22	1937.22	1937.22	1937.02
℄ CHAINAGE			SEC. CH: 106+940Km		
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)-1937.02m
4. Crossing Length-11.30m

ALIGNMENT DRAWING	SILUGURU-ALN-60
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

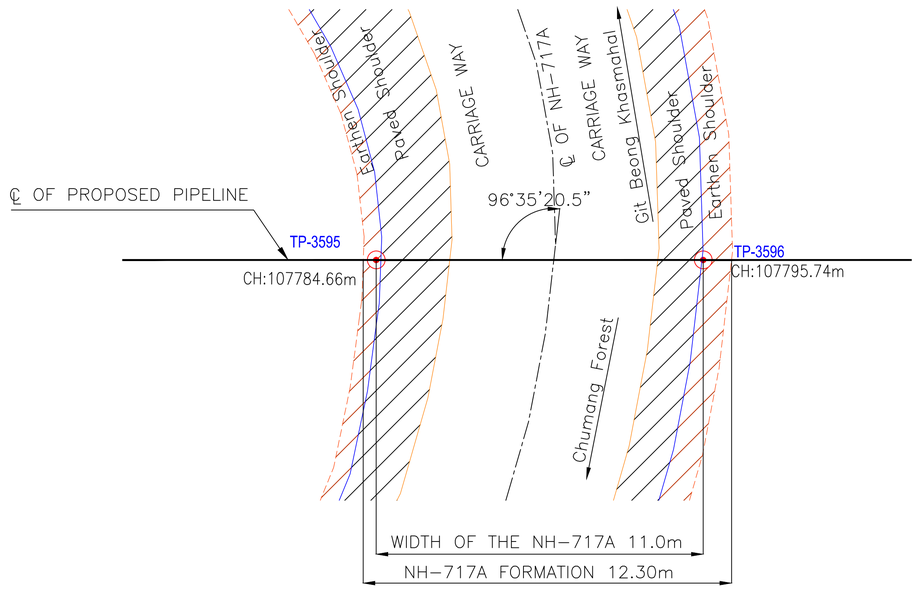
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

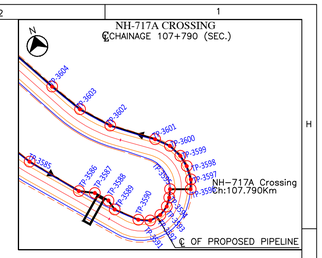
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 106.940Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-60 | R 3

NH-717A CROSSING
℄ CHAINAGE :107+790(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

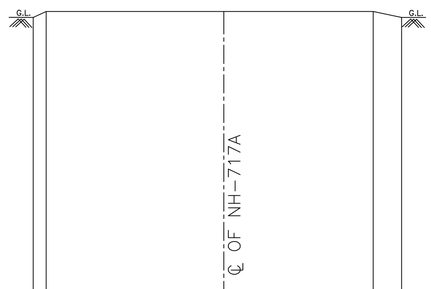
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1980.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.4	5.5	5.5	0.9		
REDUCED LEVEL IN m ABOVE MSL	1989.70	1989.90	1989.90	1989.90	1989.70	
℄ CHAINAGE			SEC. CH: 107+790Km			
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)-1989.7m
4. Crossing Length-12.30m

ALIGNMENT DRAWING	SILUGURU-ALN-60
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

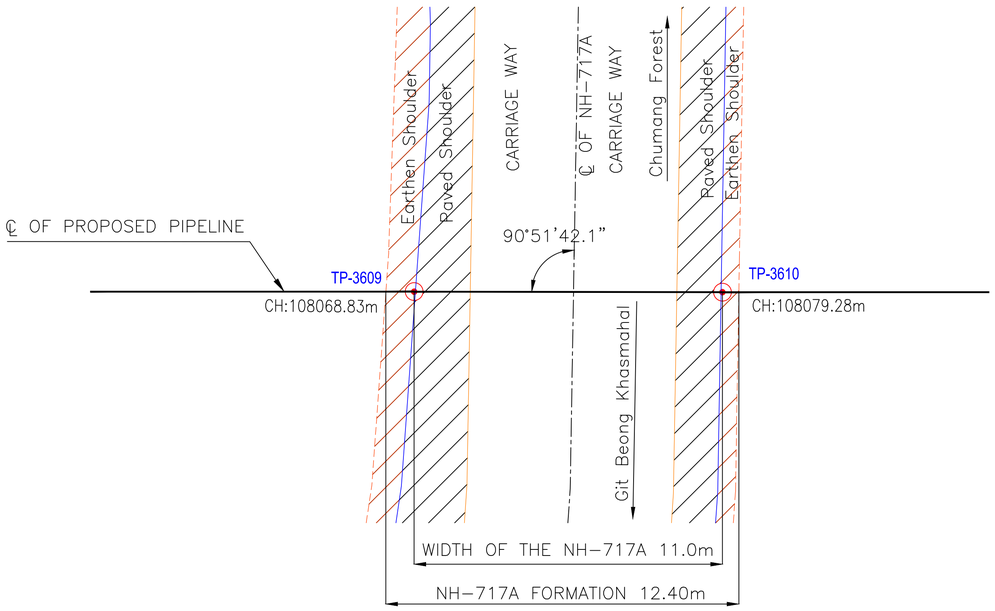
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

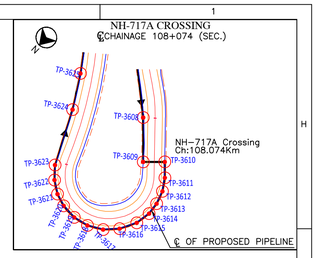
NH-717A CROSSING AT (CHUMANG FOREST) CHAINAGE 107.790Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-61 | R 3

NH-717A CROSSING
℄CHAINAGE :108+074(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

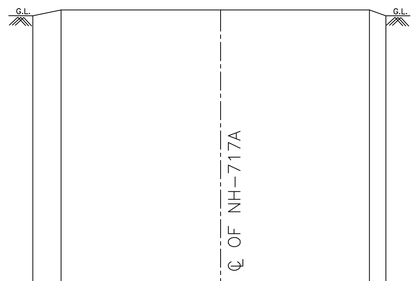
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1998.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.9	5.5	5.5	0.5	
REDUCED LEVEL IN m ABOVE MSL	2007.62	2007.82	2007.62	2007.82	2007.62
℄ CHAINAGE			SEC. CH: 108+074Km		
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)-2007.62m
4. Crossing Length-12.40m

ALIGNMENT DRAWING	SILUGURU-ALN-61
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 (CHUMANG FOREST) CHAINAGE 108.074Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-62	R	3