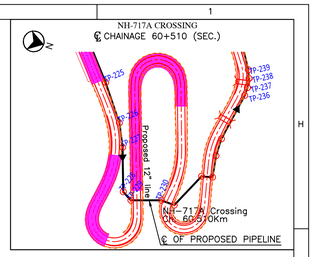
SILIGURI ← → GANGTOK

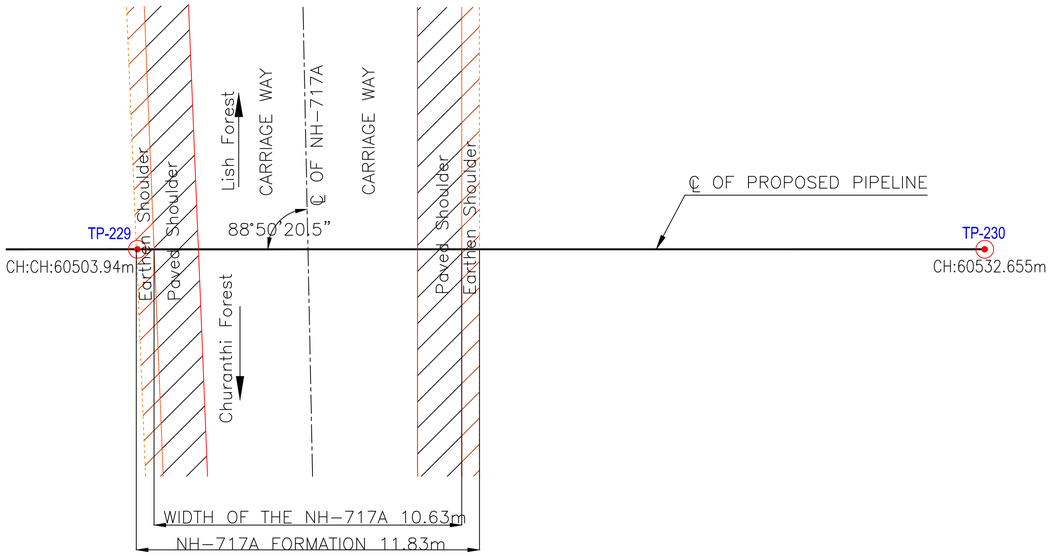
NH-717A CROSSING
℄ CHAINAGE :60+510(SEC.)



KEY PLAN
NOT TO SCALE

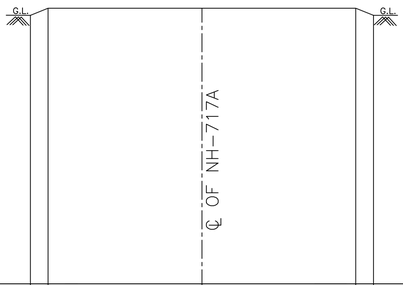
PLANIMETRY

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



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

DATUM - 254.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.60	5.315	5.315	0.50	
REDUCED LEVEL IN m ABOVE MSL	263.090 263.337	263.337	263.337	263.337 263.090	
℄ CHAINAGE			SEC. CH: 60+510Km		
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)-263.090m
4. Crossing Length-11.83m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-33
ROUTE MAP	SILIGURI-ROUTEMAP-02

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

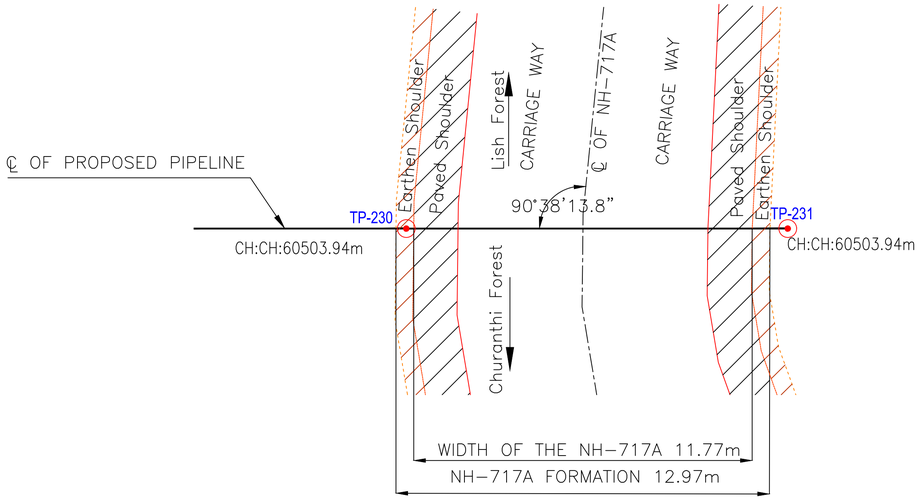
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

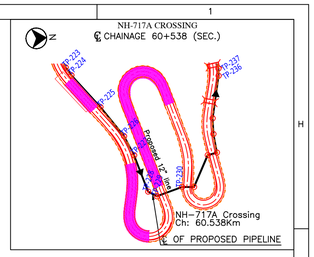
NH-717A CROSSING AT (CHURANTHI FOREST) CHAINAGE 60.510Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-03 | R 3

SILIGURI ← | → GANGTOK

NH-717A CROSSING
℄ CHAINAGE :60+538 (SEC.)





KEY PLAN
NOT TO SCALE

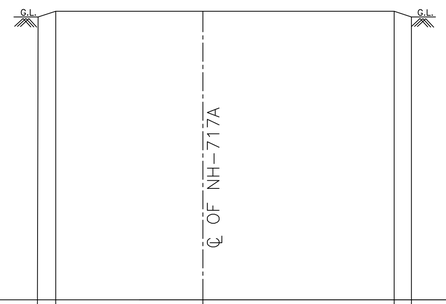
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 273.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.60	5.885	5.885	0.60	
REDUCED LEVEL IN m ABOVE MSL	282.579 282.751	282.751	282.751	282.751 282.579	
℄ CHAINAGE			SEC. CH: 60+538Km		
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)-282.579m
4. Crossing Length-12.97m

ALIGNMENT DRAWING	SILIGURI-ALN-33
ROUTE MAP	SILIGURI-ROUTEMAP-02
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

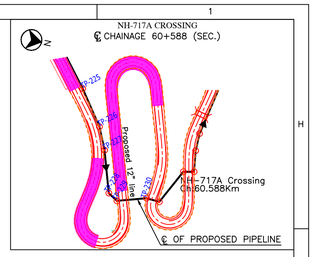
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

NH-717A CROSSING AT (CHURANTHI FOREST) CHAINAGE 60.538Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-04 | R 3

SILIGURI ← | → GANGTOK

NH-717A CROSSING
℄ CHAINAGE :60+588(SEC.)

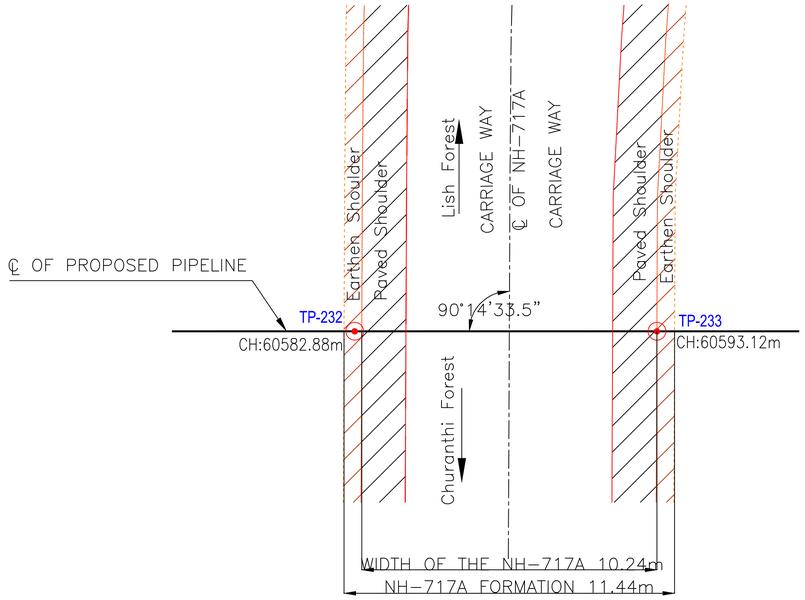


KEY PLAN
NOT TO SCALE

N

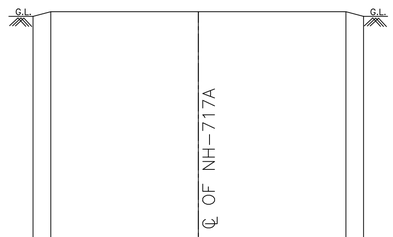
PLANIMETRY

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



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

DATUM - 282.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.60	5.12	5.12	0.60	
REDUCED LEVEL IN m ABOVE MSL	290.955	291.161	291.161	291.161	290.955
℄ CHAINAGE			SEC. CH: 60+588Km		
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)-290.955m
4. Crossing Length-11.44m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-33
ROUTE MAP	SILIGURI-ROUTEMAP-02

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

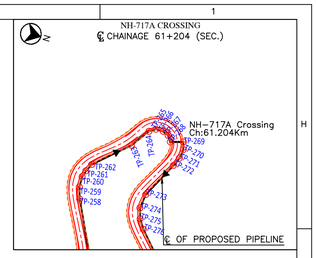
NH-717A CROSSING AT (CHURANTHI FOREST) CHAINAGE 60.588Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-05	R	3

SILIGURI

NH-717A CROSSING
℄ CHAINAGE :61+204(SEC.)

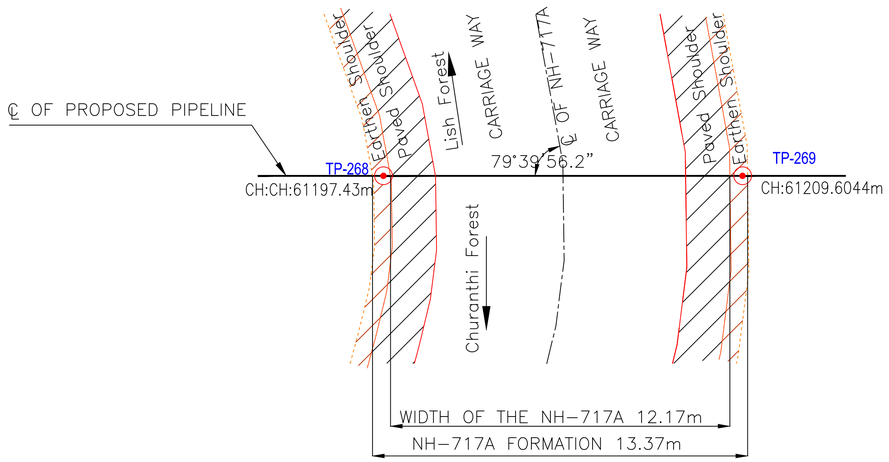
GANGTOK



KEY PLAN
NOT TO SCALE

PLANIMETRY

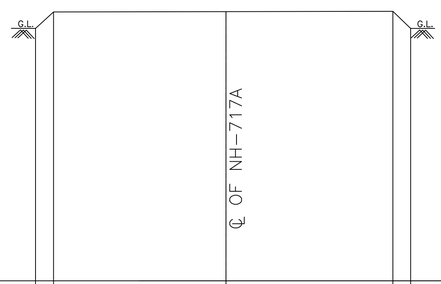
SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 322.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.60	6.085		6.085	0.60	
REDUCED LEVEL IN m ABOVE MSL	330.540	331.170	331.170		331.170	330.540
℄ CHAINAGE			SEC. CH: 61+204Km			
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)-330.540m
4. Crossing Length-13.37m

ALIGNMENT DRAWING	SILIGURI-ALN-33
ROUTE MAP	SILIGURI-ROUTEMAP-02
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

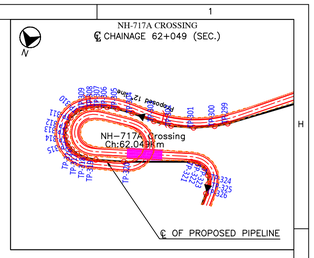
NH-717A CROSSING AT (LISH FOREST) CHAINAGE 61.204Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-06 | R 3

SILIGURI

NH-717A CROSSING
℄CHAINAGE :62+049 (SEC.)

GANGTOK

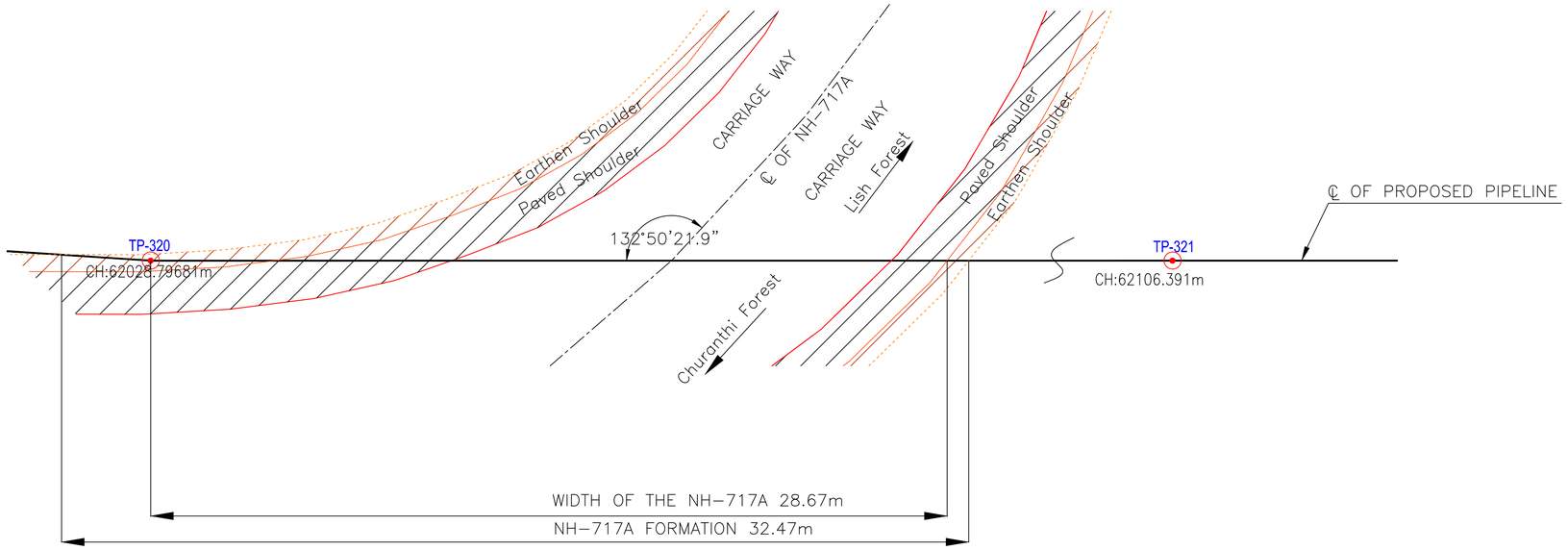


KEY PLAN
NOT TO SCALE

N

PLANIMETRY

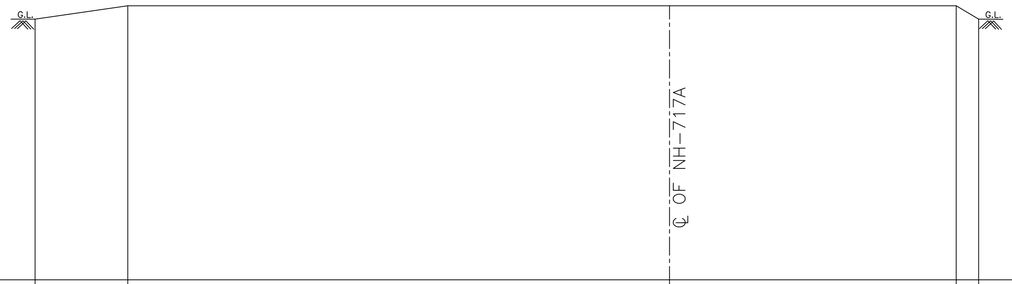
SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 374.0m



DISTANCE BETWEEN LEVEL POINTS (m)	3.00	14.335	14.335	0.8	
REDUCED LEVEL IN m ABOVE MSL	382.820	383.282	383.282	383.282	382.820
℄ CHAINAGE			SEC. CH: 62+049Km		
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)-382.820m
4. Crossing Length-32.47m

ALIGNMENT DRAWING	SILIGURI-ALN-33
ROUTE MAP	SILIGURI-ROUTEMAP-02
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

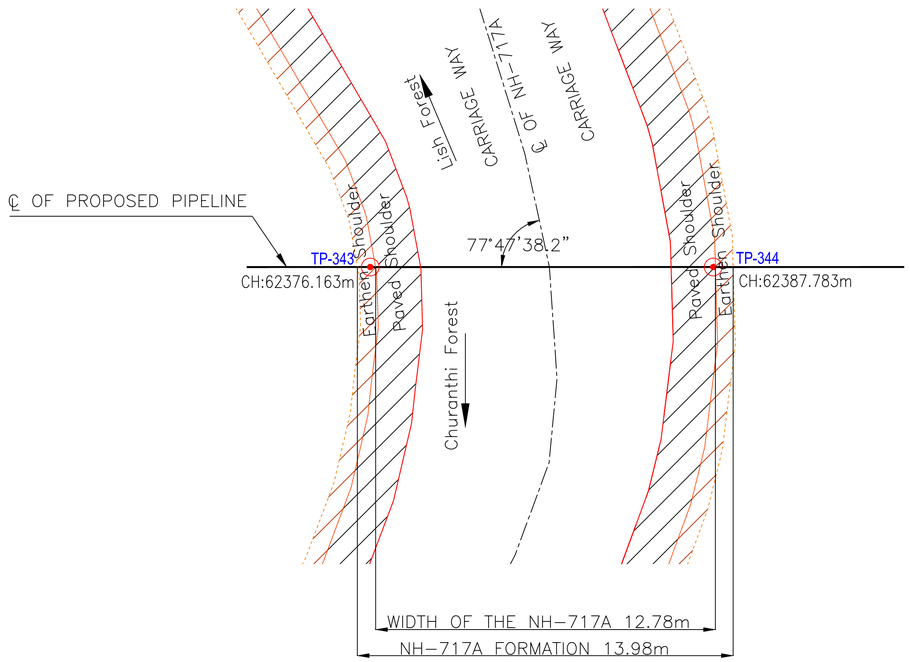
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

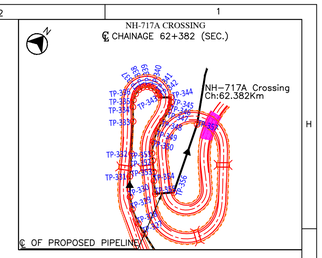
NH-717A CROSSING AT (LISH FOREST) CHAINAGE 62.049Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-07	R	3

SILIGURI ← | → GANGTOK

NH-717A CROSSING
℄ CHAINAGE :62+382(SEC.)





KEY PLAN
NOT TO SCALE

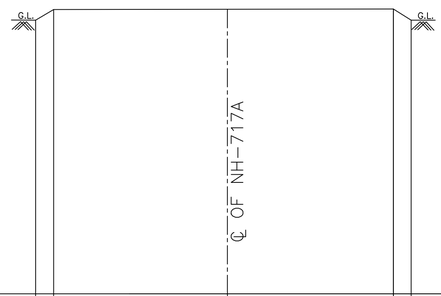
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 393.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.60	6.390	6.390	0.60		
REDUCED LEVEL IN m ABOVE MSL	402.271	402.638	402.638	402.638	402.271	
℄ CHAINAGE			SEC. CH: 62+382Km			
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)-402.271m
4. Crossing Length-13.98m

ALIGNMENT DRAWING	SILIGURI-ALN-34
ROUTE MAP	SILIGURI-ROUTEMAP-02
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

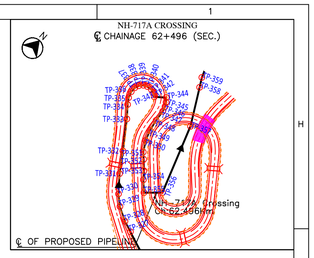
NH-717A CROSSING AT (LISH FOREST) CHAINAGE 62.382Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-08 | R 3

SILIGURI

NH-717A CROSSING
℄CHAINAGE :62+496 (SEC.)

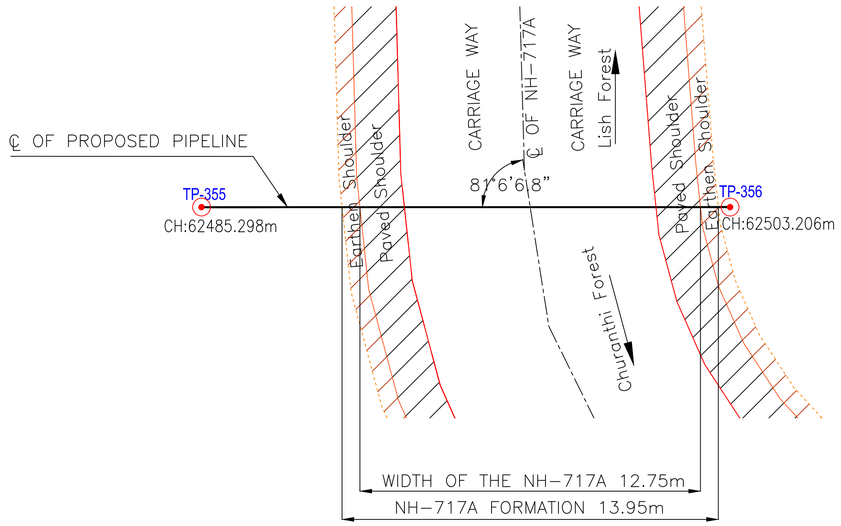
GANGTOK



KEY PLAN
NOT TO SCALE

PLANIMETRY

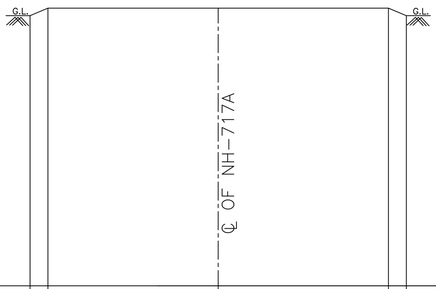
SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 400.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.60	6.375		6.375	0.60	
REDUCED LEVEL IN m ABOVE MSL	409.148	409.404	409.404		409.404	409.148
℄ CHAINAGE			SEC. CH: 62+496Km			
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)-409.148m
4. Crossing Length-13.95m

ALIGNMENT DRAWING	SILIGURI-ALN-34
ROUTE MAP	SILIGURI-ROUTEMAP-02
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

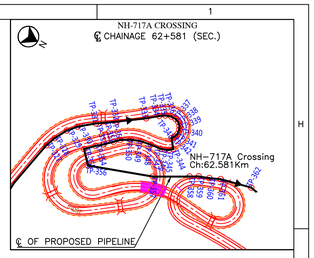
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

NH-717A CROSSING AT (LISH FOREST) CHAINAGE 62.496Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-09 | R 3

SILIGURI ← | → GANGTOK

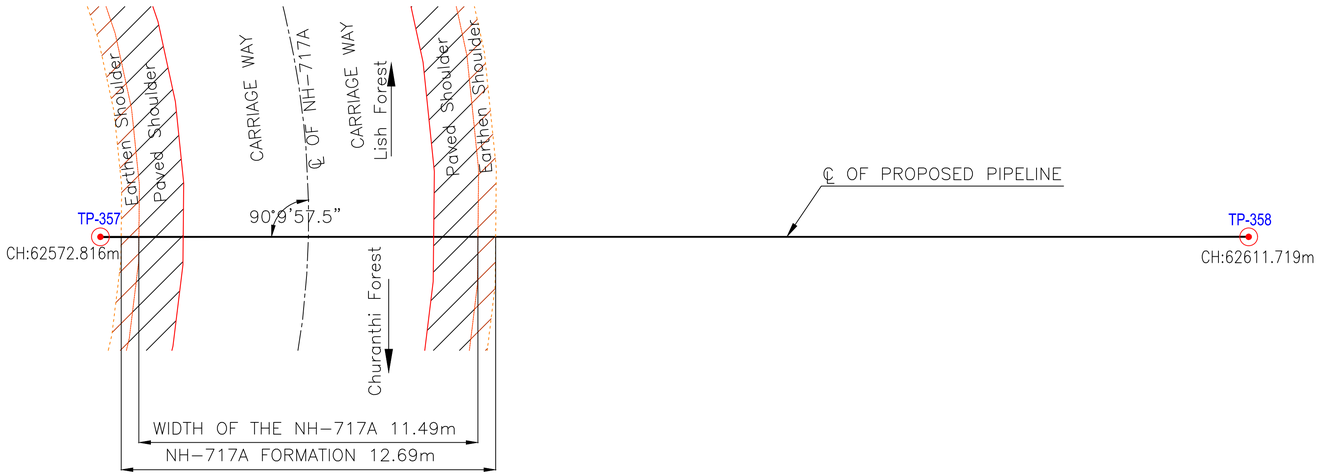
NH-717A CROSSING
℄ CHAINAGE :62+581(SEC.)



KEY PLAN
NOT TO SCALE

PLANIMETRY

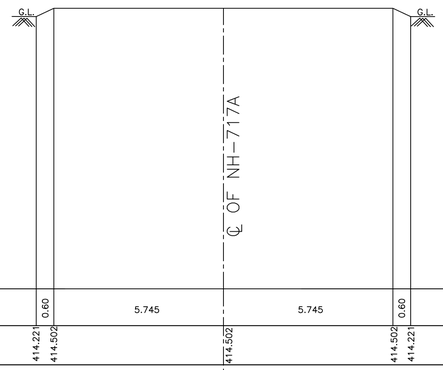
SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 405.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.60 / 5.745 / 5.745 / 0.60
REDUCED LEVEL IN m ABOVE MSL	414.221, 414.502, 414.502, 414.502, 414.221
℄ CHAINAGE	SEC. CH: 62+581Km
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)-414.221m
4. Crossing Length-12.69m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-34
ROUTE MAP	SILIGURI-ROUTEMAP-02

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	K.V.Lakshmi	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

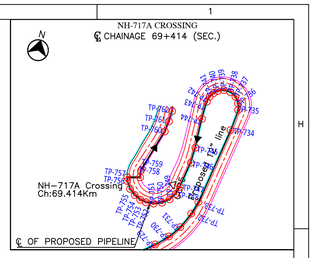
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

NH-717A CROSSING AT (CHURANTHI FOREST) CHAINAGE 62.581Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-10 | R 3

SILIGURI ← → GANGTOK

NH-717A CROSSING
℄ CHAINAGE :69+414(SEC.)

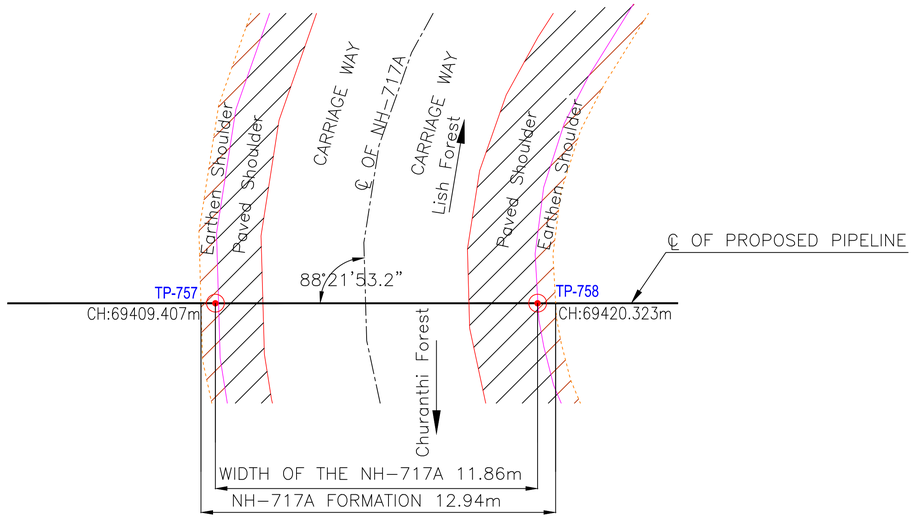


KEY PLAN
NOT TO SCALE

N

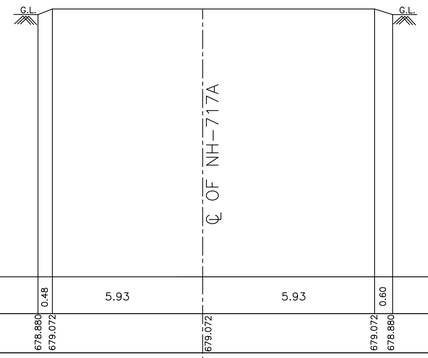
PLANIMETRY

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



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

DATUM - 670.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.48, 5.93, 5.93, 0.60
REDUCED LEVEL IN m ABOVE MSL	678.880, 679.072, 679.072, 679.072, 679.072, 678.880
℄ CHAINAGE	SEC. CH: 69+414Km
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)-678.880m
4. Crossing Length-12.94m

ALIGNMENT DRAWING	SILIGURI-ALN-38
ROUTE MAP	SILIGURI-ROUTEMAP-03
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

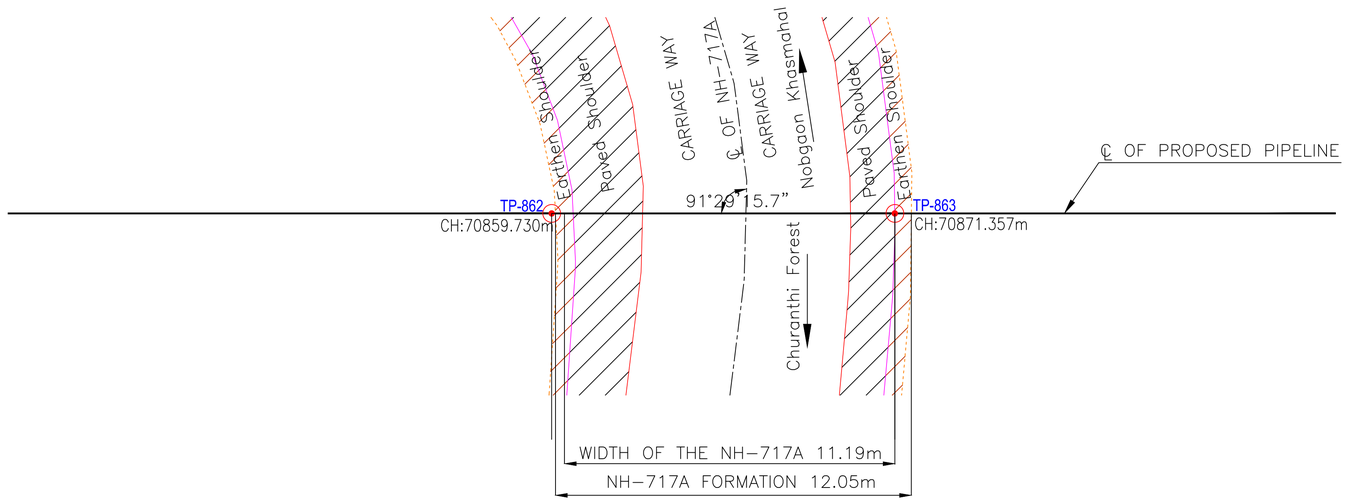
SURVEY CONSULTANT: IN-RIMT — INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

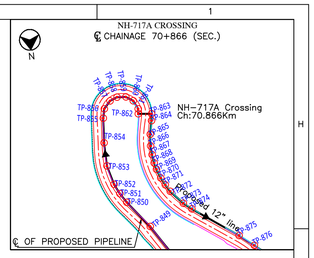
NH-717A CROSSING AT (CHURANTHI FOREST) CHAINAGE 69.414Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-11	R	3

NH-717A CROSSING
℄ CHAINAGE :70+866(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

N

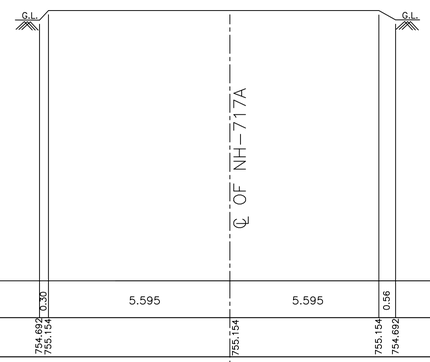
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 746.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.30, 5.595, 5.595, 0.56
REDUCED LEVEL IN m ABOVE MSL	754.692, 755.154, 755.154, 755.154, 754.692
℄ CHAINAGE	SEC. CH: 70+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)-754.692m
4. Crossing Length-12.05m

ALIGNMENT DRAWING	SILIGURI-ALN-39
ROUTE MAP	SILIGURI-ROUTEMAP-03
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

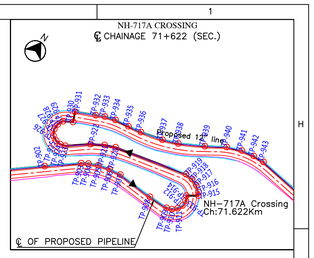
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

NH-717A CROSSING AT (LISH FOREST) CHAINAGE 70.866Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-12 | R 3

NH-717A CROSSING
℄ CHAINAGE :71+622(SEC.)

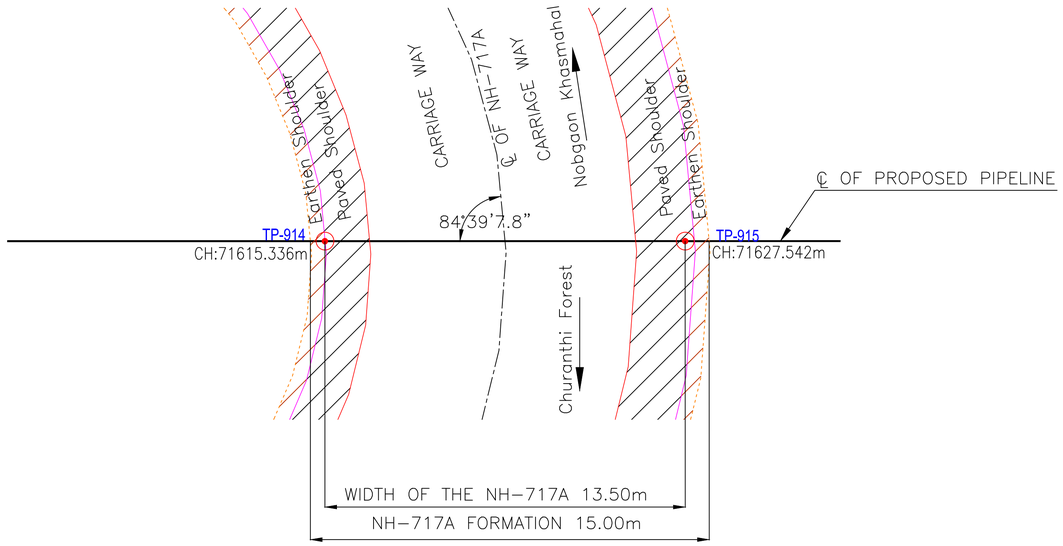
SILIGURI ← → GANGTOK



KEY PLAN
NOT TO SCALE

PLANIMETRY

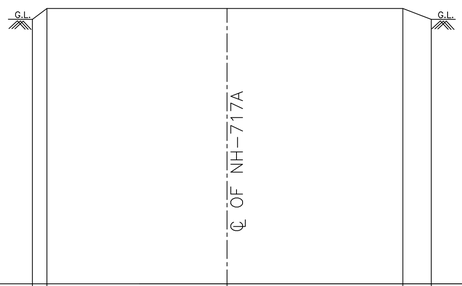
SCALE
ALONG THE ALIGNMENT 1:100
ACROSS THE ALIGNMENT 1:100



GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 791.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.50	6.75	6.75	1.00	
REDUCED LEVEL IN m ABOVE MSL	799.958 800.326	800.326		800.326	799.958
℄ CHAINAGE		SEC. CH: 71+622Km			
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)-799.958m
4. Crossing Length-15.00m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-39
ROUTE MAP	SILIGURI-ROUTEMAP-03

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

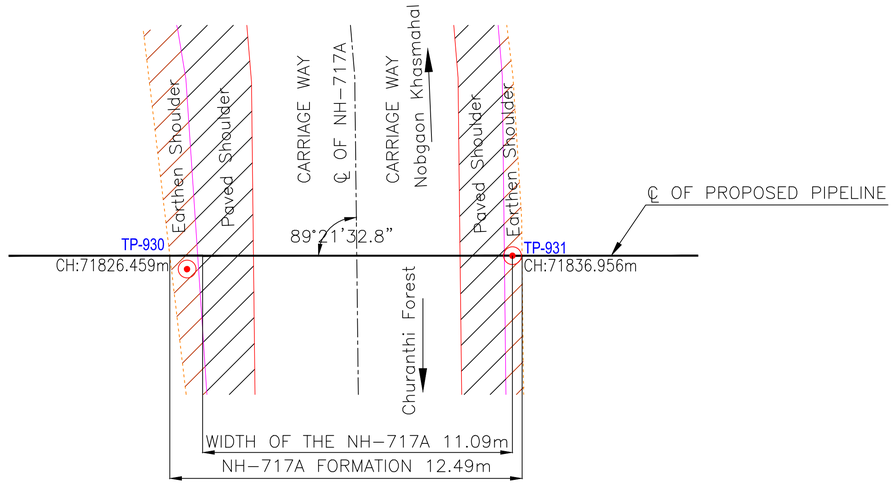
SURVEY CONSULTANT: IN-RIMT — INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

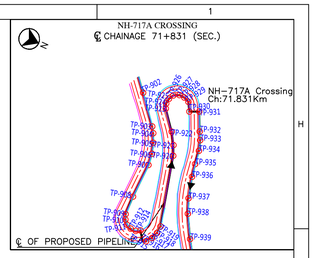
NH-717A CROSSING AT (NOBGAON KHASMAHAL) CHAINAGE 71.622Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-13 | R 3

NH-717A CROSSING
℄ CHAINAGE :71+831(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

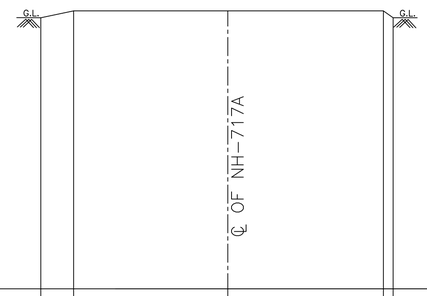
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 803.0m



DISTANCE BETWEEN LEVEL POINTS (m)	1.10	5.545	5.545	0.35	
REDUCED LEVEL IN m ABOVE MSL	812.183	812.412	812.412	812.412	812.183
℄ CHAINAGE			SEC. CH: 71+831Km		
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)-812.183m
4. Crossing Length-12.49m

ALIGNMENT DRAWING	SILIGURI-ALN-39
ROUTE MAP	SILIGURI-ROUTEMAP-03
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

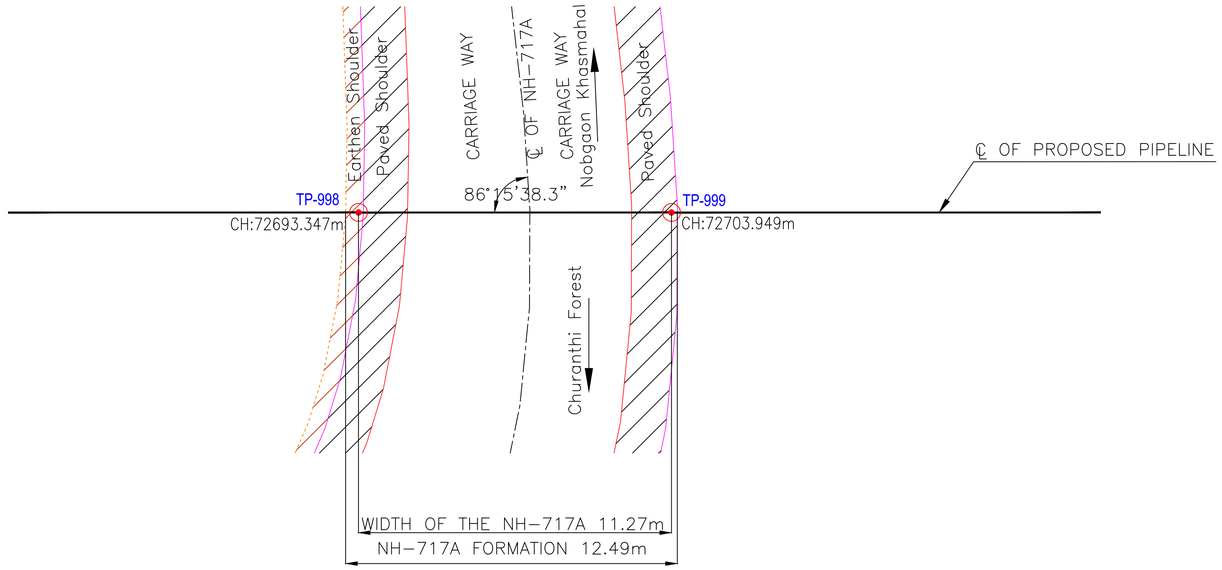
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

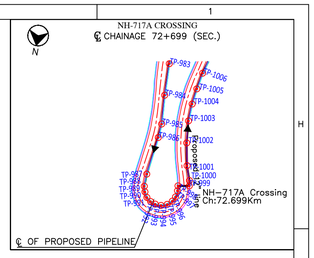
NH-717A CROSSING AT (NOBGAON KHASMAHAL) CHAINAGE 71.831Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-14 | R 3

NH-717A CROSSING
℄ CHAINAGE :72+699(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

N

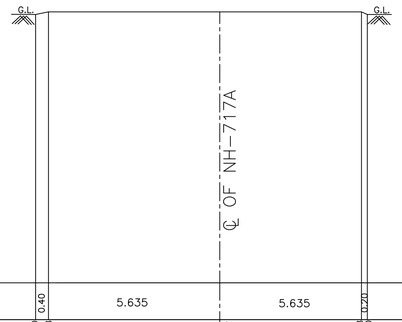
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 863.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.40	5.635	5.635	0.20
REDUCED LEVEL IN m ABOVE MSL	872.090 872.178	872.178	872.178	872.178 872.090
℄ CHAINAGE		SEC. CH: 72+699Km		
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)-872.090m
4. Crossing Length-12.49m

ALIGNMENT DRAWING	SILIGURI-ALN-40
ROUTE MAP	SILIGURI-ROUTEMAP-03
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

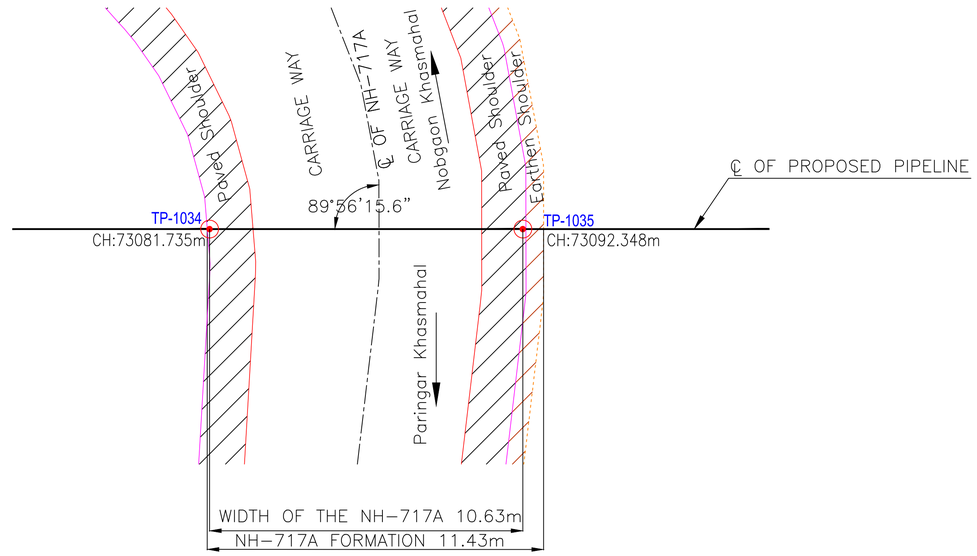
SURVEY CONSULTANT: IN-RIMT — INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

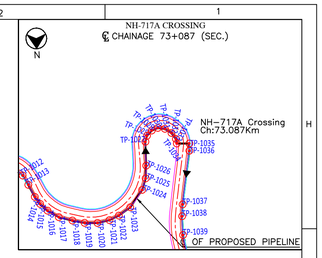
NH-717A CROSSING AT (NOBGAON KHASMAHAL) CHAINAGE 72.699Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-15 | R 3

NH-717A CROSSING
℄ CHAINAGE :73+087(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

N

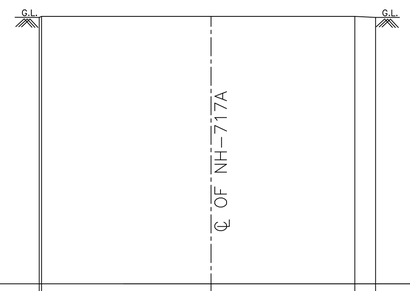
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 891.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.1	5.315	5.315	0.70	
REDUCED LEVEL IN m ABOVE MSL	900.024 900.060	900.060	900.060	900.024	
℄ CHAINAGE		SEC. CH: 73+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)-900.024m
4. Crossing Length-11.43m

ALIGNMENT DRAWING	SILIGURI-ALN-40
ROUTE MAP	SILIGURI-ROUTEMAP-03
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

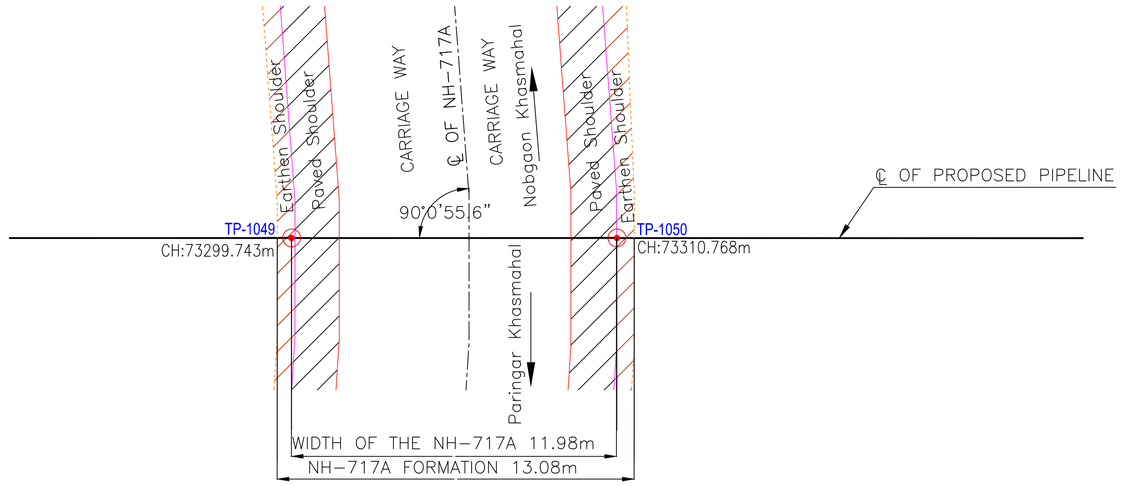
SURVEY CONSULTANT: IN-RIMT — INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

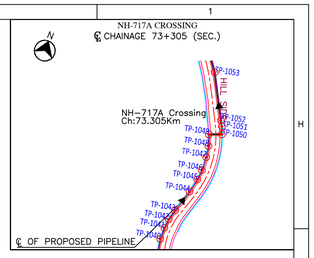
NH-717A CROSSING AT (NOBGAON KHASMAHAL) CHAINAGE 73.087Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-16 | R 3

NH-717A CROSSING
℄ CHAINAGE :73+305(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

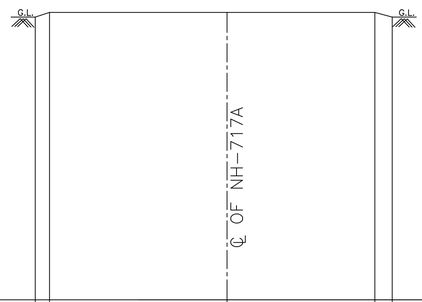
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 906.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.50	5.99	5.99	0.60		
REDUCED LEVEL IN m ABOVE MSL	915.574 915.733	915.733		915.733 915.574		
℄ CHAINAGE		SEC. CH: 73+305Km				
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)-915.574m
4. Crossing Length-13.08m

ALIGNMENT DRAWING	SILIGURI-ALN-40
ROUTE MAP	SILIGURI-ROUTEMAP-03
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

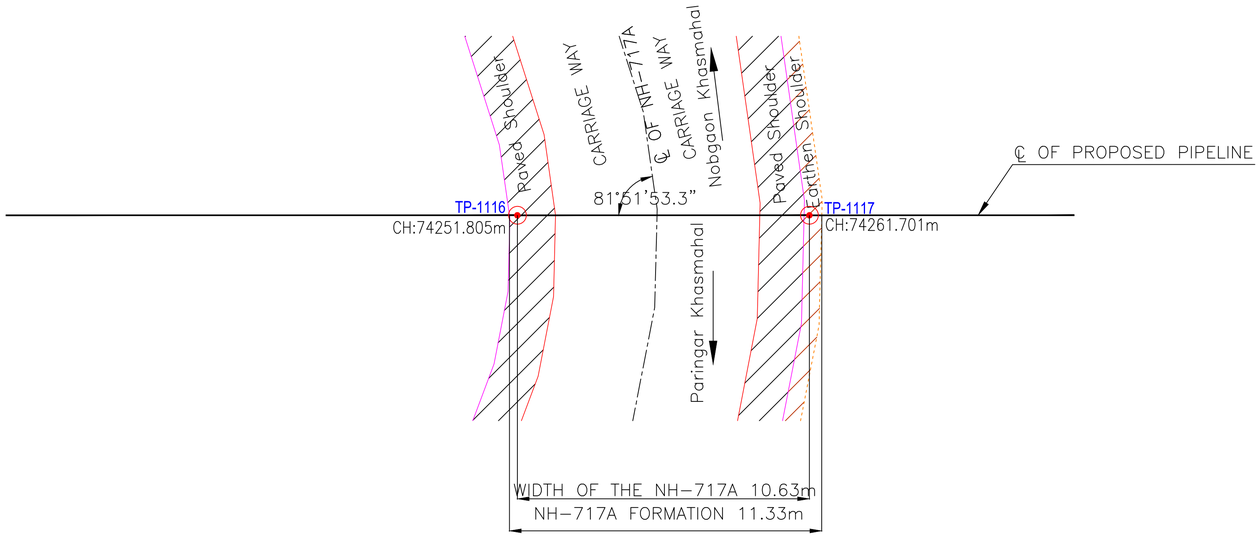
SURVEY CONSULTANT: IN-RIMT
INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD.
(IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

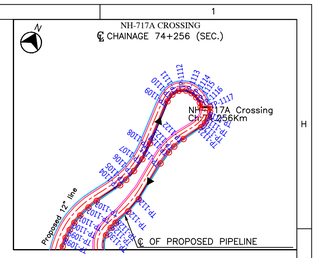
NH-717A CROSSING AT (NOBGAON KHASMAHAL) CHAINAGE 73.305Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-17	R	3

NH-717A CROSSING
℄ CHAINAGE :74+256(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

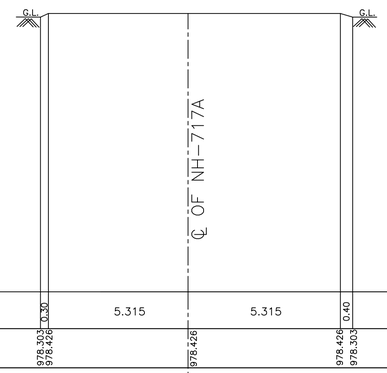
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 969.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.30 / 5.315 / 5.315 / 0.40
REDUCED LEVEL IN m ABOVE MSL	978.303 / 978.426 / 978.426 / 978.426 / 978.303
℄ CHAINAGE	SEC. CH: 74+256Km
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)-978.303m
4. Crossing Length-11.33m

ALIGNMENT DRAWING	SILIGURI-ALN-41
ROUTE MAP	SILIGURI-ROUTEMAP-03
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

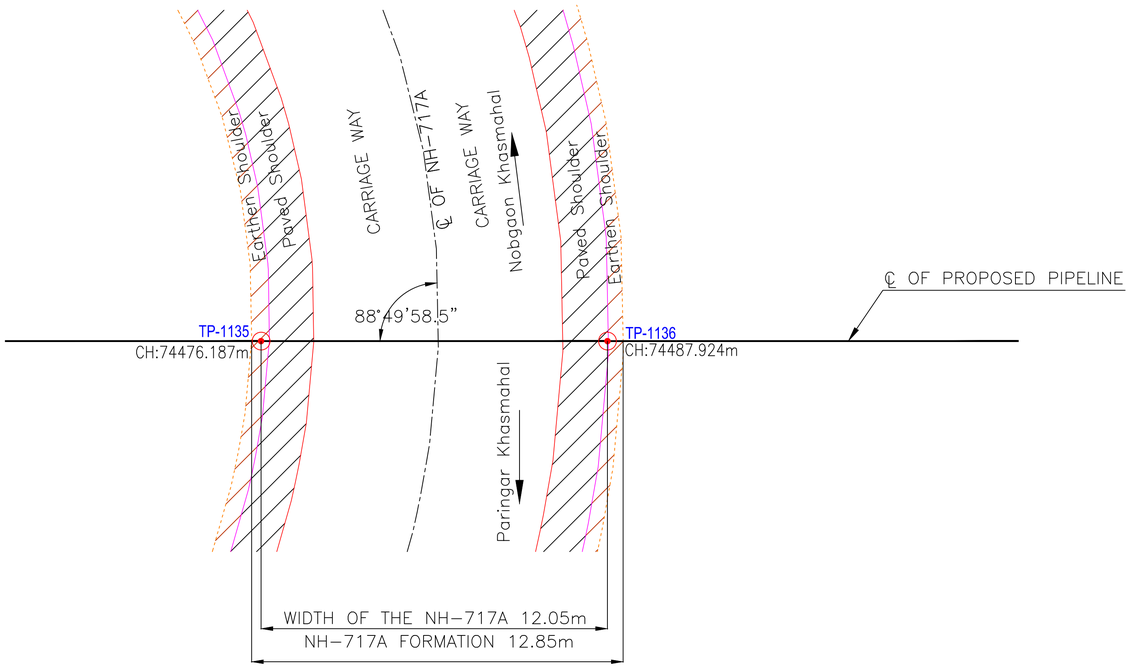
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

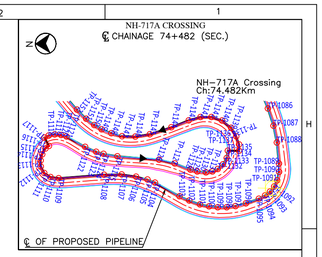
NH-717A CROSSING AT (NOBGAON KHASMAHAL) CHAINAGE 74.256Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-18 | R 3

NH-717A CROSSING
℄ CHAINAGE :74+482(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

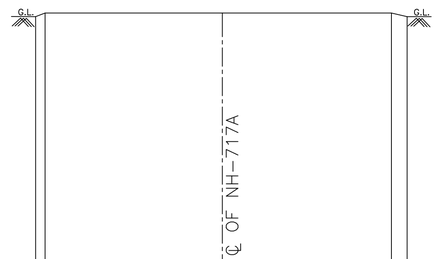
N

PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100



DATUM - 981.0m

DISTANCE BETWEEN LEVEL POINTS (m)	0.30	6.025	6.025	0.50	
REDUCED LEVEL IN m ABOVE MSL	990.861 990.987	990.987	990.987	990.987 990.861	
℄ CHAINAGE			SEC. CH: 74+482Km		
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)-990.861m
4. Crossing Length-12.85m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-41
ROUTE MAP	SILIGURI-ROUTEMAP-03

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	K.V.Lakshmi	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

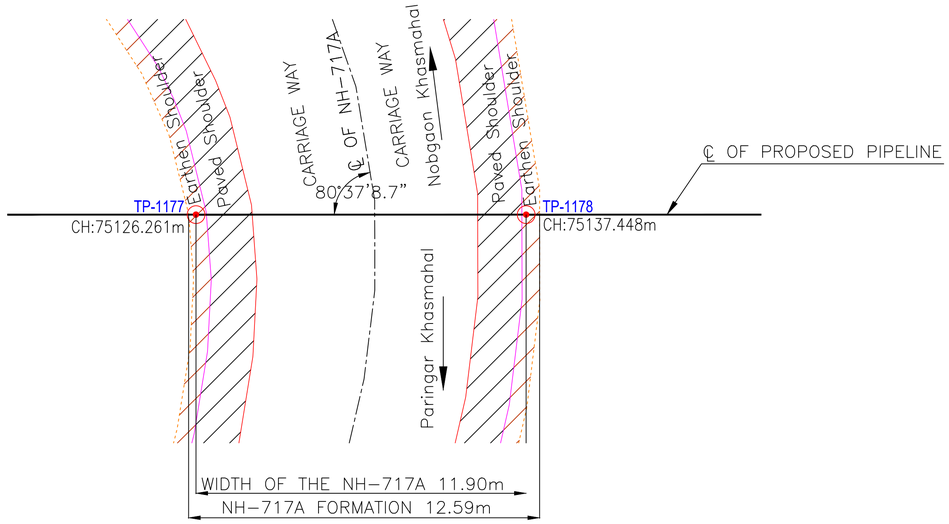
SURVEY CONSULTANT: IN-RIMT
INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD.
(IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

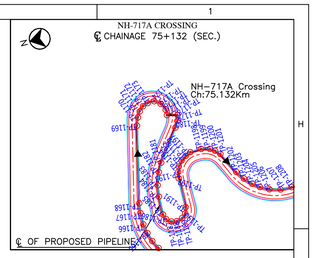
NH-717A CROSSING AT (NOBGAON KHASMAHAL) CHAINAGE 74.482Km

SCALE: 1:100	DRAWING NUMBER	SGPL-CRS-NH-19	R 3

NH-717A CROSSING
℄ CHAINAGE :75+132(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

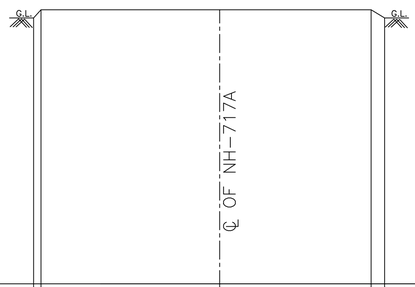
N

PLANIMETRY

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

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

DATUM - 1023.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.24	5.95		5.95	0.45	
REDUCED LEVEL IN m ABOVE MSL	1032.08 1032.28		1032.28		1032.28 1032.00	
℄ CHAINAGE			SEC. CH: 75+132Km			
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)-1032.00m
4. Crossing Length-12.59m

ALIGNMENT DRAWING	SILIGURI-ALN-41
ROUTE MAP	SILIGURI-ROUTEMAP-03
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

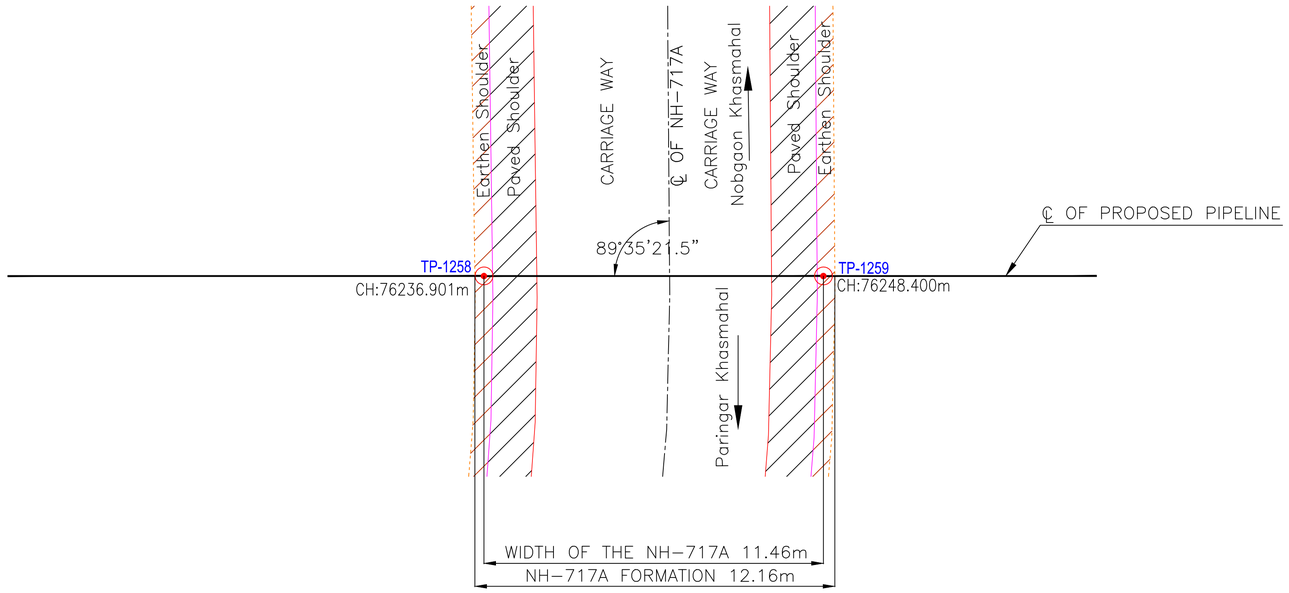
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT)
HYDERABAD - 81
Email:mail@inrimt.com

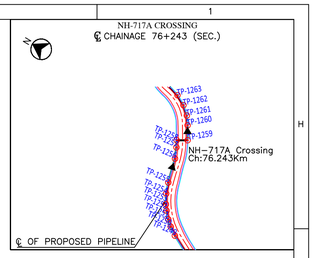
NH-717A CROSSING AT (NOBGAON KHASMAHAL) CHAINAGE 75.132Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-20 | R 3

NH-717A CROSSING
℄ CHAINAGE :76+243(SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

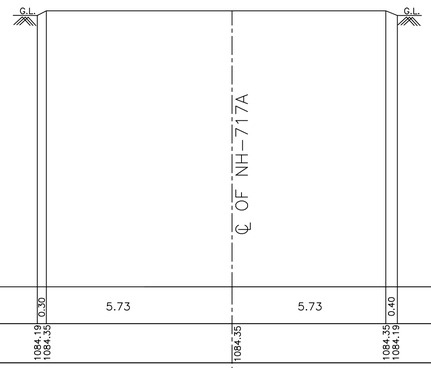
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1075.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.30, 5.73, 5.73, 0.40
REDUCED LEVEL IN m ABOVE MSL	1084.19, 1084.35, 1084.35, 1084.35, 1084.19
℄ CHAINAGE	SEC. CH: 76+243Km
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)-1084.19m
4. Crossing Length-12.16m

ALIGNMENT DRAWING	SILIGURI-ALN-42
ROUTE MAP	SILIGURI-ROUTEMAP-03
DRAWING TITLE	DRG.NO.

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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

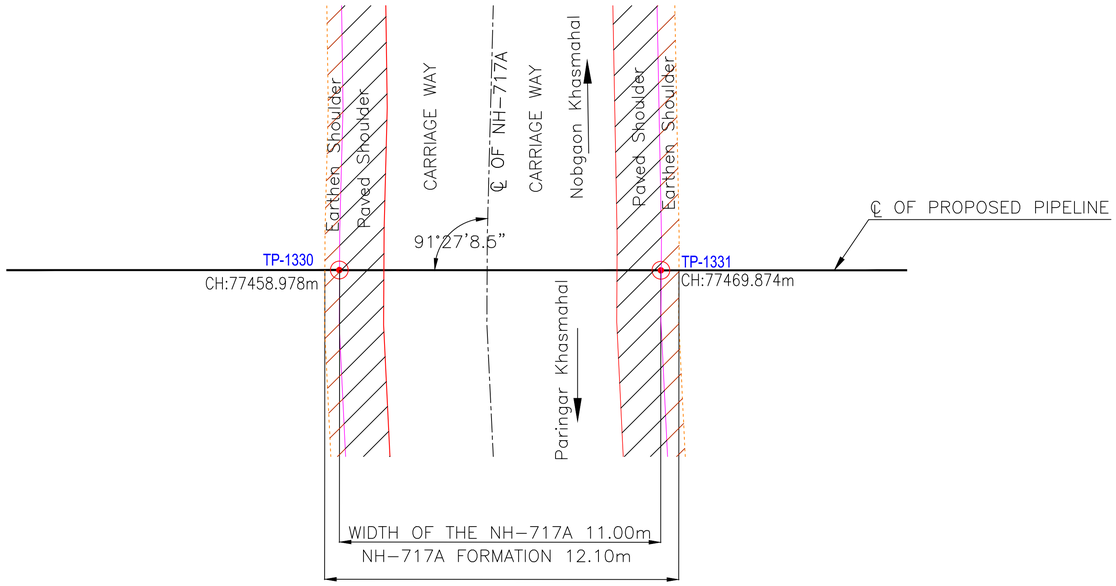
SURVEY CONSULTANT: INDIAN RESOURCES INFORMATION & MANAGEMENT TECHNOLOGIES LTD. (IN-RIMT) HYDERABAD - 81 Email:mail@inrimt.com

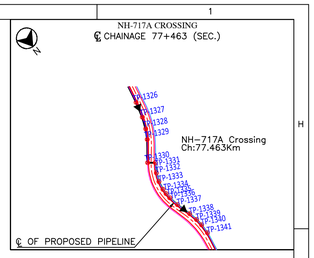
NH-717A CROSSING AT (NOBGAON KHASMAHAL) CHAINAGE 76.243Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-21 | R 3

NH-717A CROSSING
℄ CHAINAGE :77+463 (SEC.)

SILIGURI ← → GANGTOK





KEY PLAN
NOT TO SCALE

N

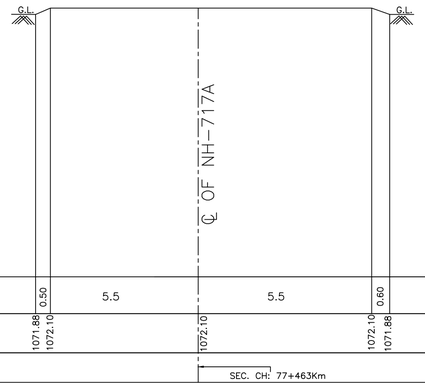
PLANIMETRY

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

GROUND PROFILE

SCALE :
HORIZONTAL 1:100
VERTICAL 1:100

DATUM - 1063.0m



DISTANCE BETWEEN LEVEL POINTS (m)	0.50, 5.5, 5.5, 0.60
REDUCED LEVEL IN m ABOVE MSL	1071.88, 1072.10, 1072.10, 1072.10, 1071.88
℄ CHAINAGE	SEC. CH: 77+463Km
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)-1071.88m
4. Crossing Length-12.10m

DRAWING TITLE	DRG.NO.
ALIGNMENT DRAWING	SILIGURI-ALN-43
ROUTE MAP	SILIGURI-ROUTEMAP-03

REFERENCE DRAWINGS

ISSUE RECORD

NO	DATE	DESCRIPTION	BY	VERIFIED
3	14-11-22	Submission - Reroute	R.V.Lakshmi	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 (PARINGAR KHASMAHAL) CHAINAGE 77.463Km

SCALE: 1:100 | DRAWING NUMBER: SGPL-CRS-NH-22 | R 3