

Project Description:	Diversion of 0.96 Ha. of Forest land for laying of 4" Dia. Natural Gas pipeline connectivity to M/s Vardhman Special Steel Limited from GAIL SV-04 Deepnagar Village of Payal Tehsil, Ludhiana District, Punjab State.
Online Proposal No.	FP/PB/Pipeline/153849/2022

Annexure-35


MAP SHOWING ALTERNATE ROUTES WITH DIFFERENT COLOURS & JUSTIFICATION FOR SELECTION THE PROPOSED ROUTE (IN CASE OF LINEAR DIVERSION)

Not Applicable since,

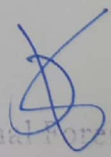
1. Area demanded is unavoidable and protected forest along roads, which are unavoidable.
2. There is minimum removal of trees & damage to vegetation for forest area.

Place: - **LUDHIANA**
Date: - **13/01/2022**

For GAIL (India) Limited


Harpal Singh
Dy. General Manager (PE)
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Contact No.: +91-9910508367

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA


Divisional Forest Officer
Ludhiana Forest Division
Ludhiana

Details of Protected Forest Area
Sketch of Asphalted Road

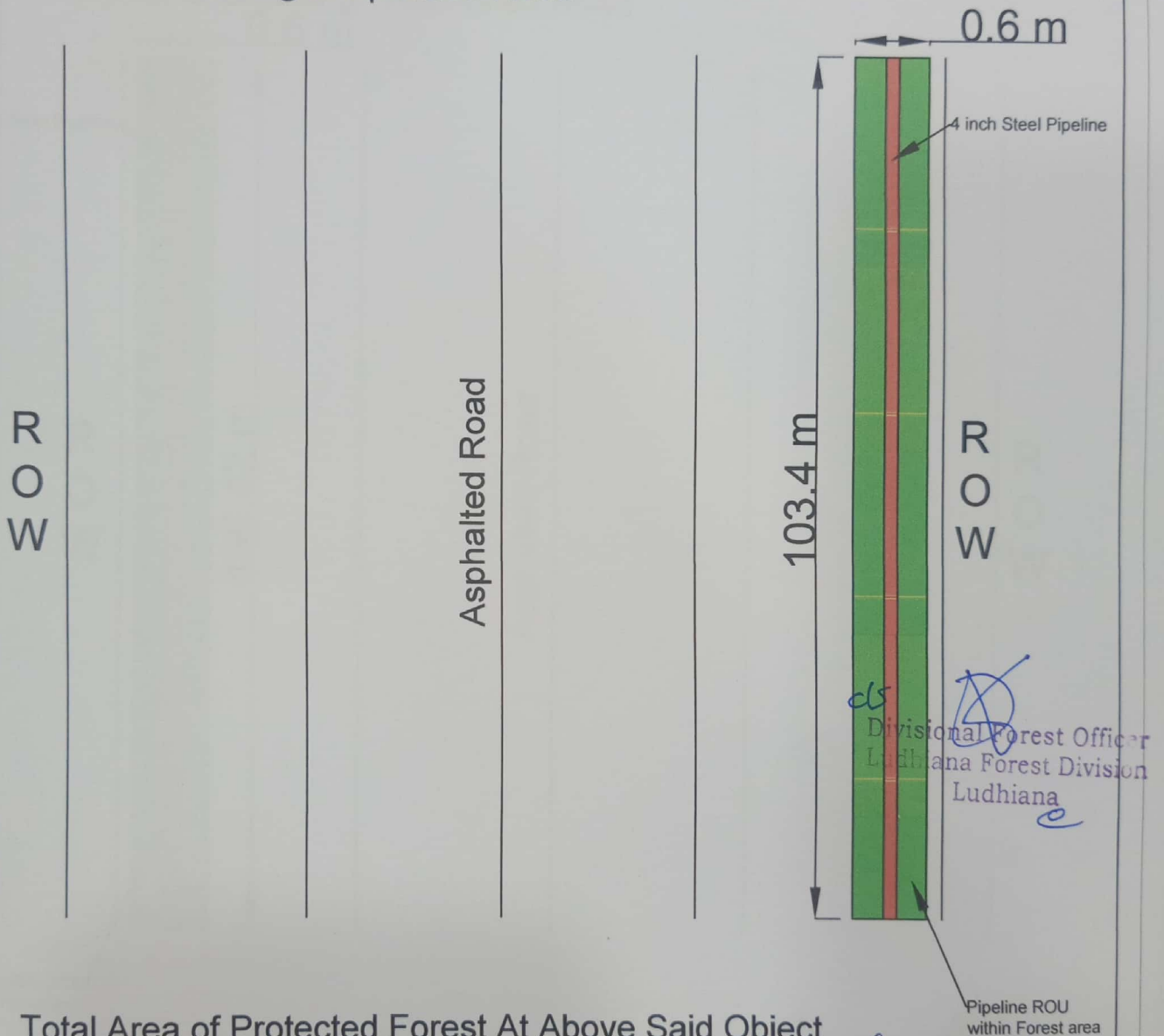
Village : Deep Nagar

Tehsil : Payal

District : Ludhiana

Pipeline CH. : 0/0 to 0/103.4

Name of Crossing : Asphalted Road



Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 103.4 m = 62.04 sqm

Total Area = 62.04 Sq m = 0.006204 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
GAIL (India) Limited	THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 1	N.T.S

Details of Protected Forest Area
Sketch of Asphalted Road

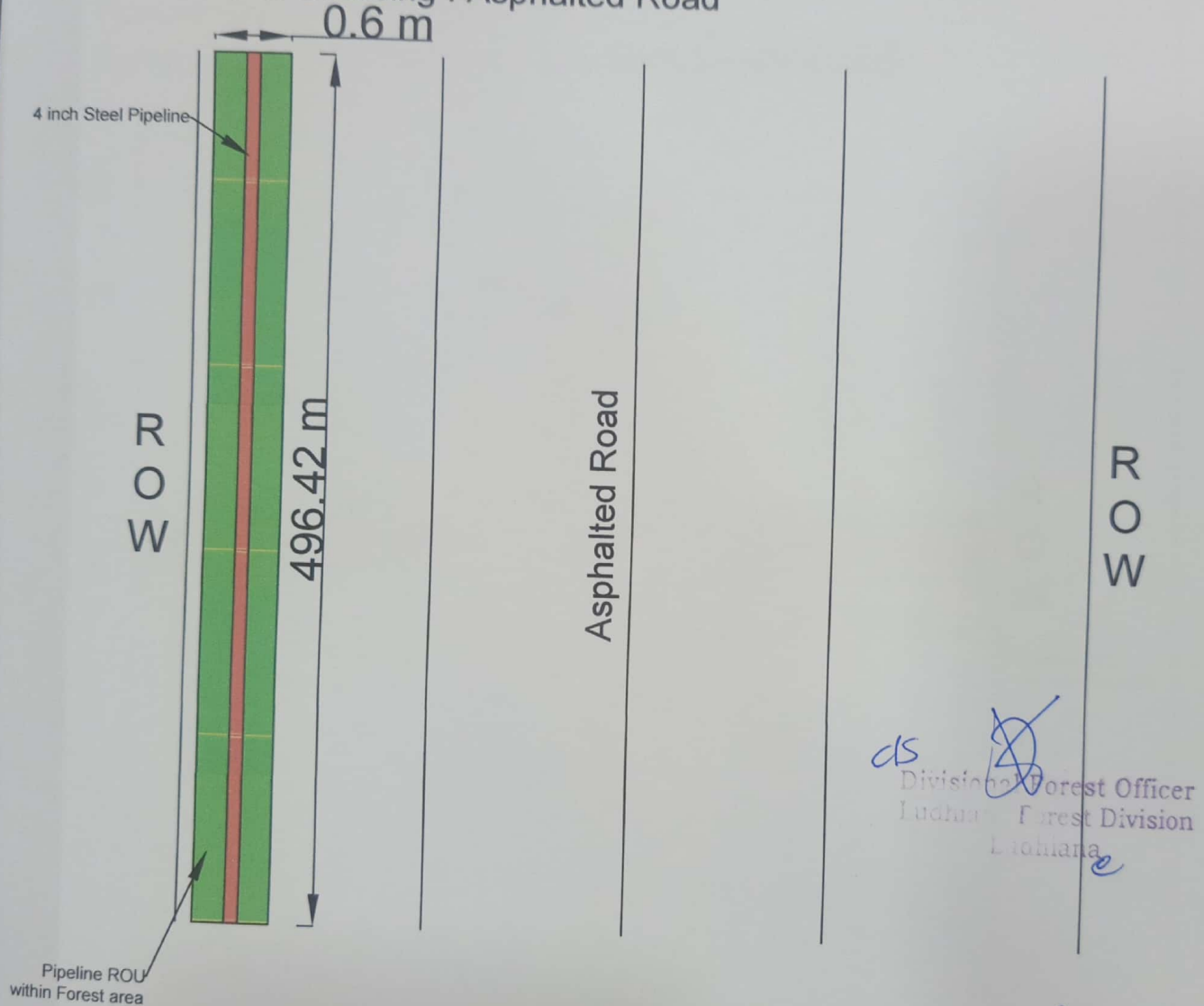
Village : Deep Nagar

Tehsil : Payal

District : Ludhiana

Pipeline CH. : 0/103.4 to 0/599.82

Name of Crossing : Asphalted Road





Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 496.42 m = 297.85 sqm

Total Area = 297.85 Sq m = 0.029785 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 2	N.T.S

Details of Protected Forest Area
Sketch of National Highway-5

D

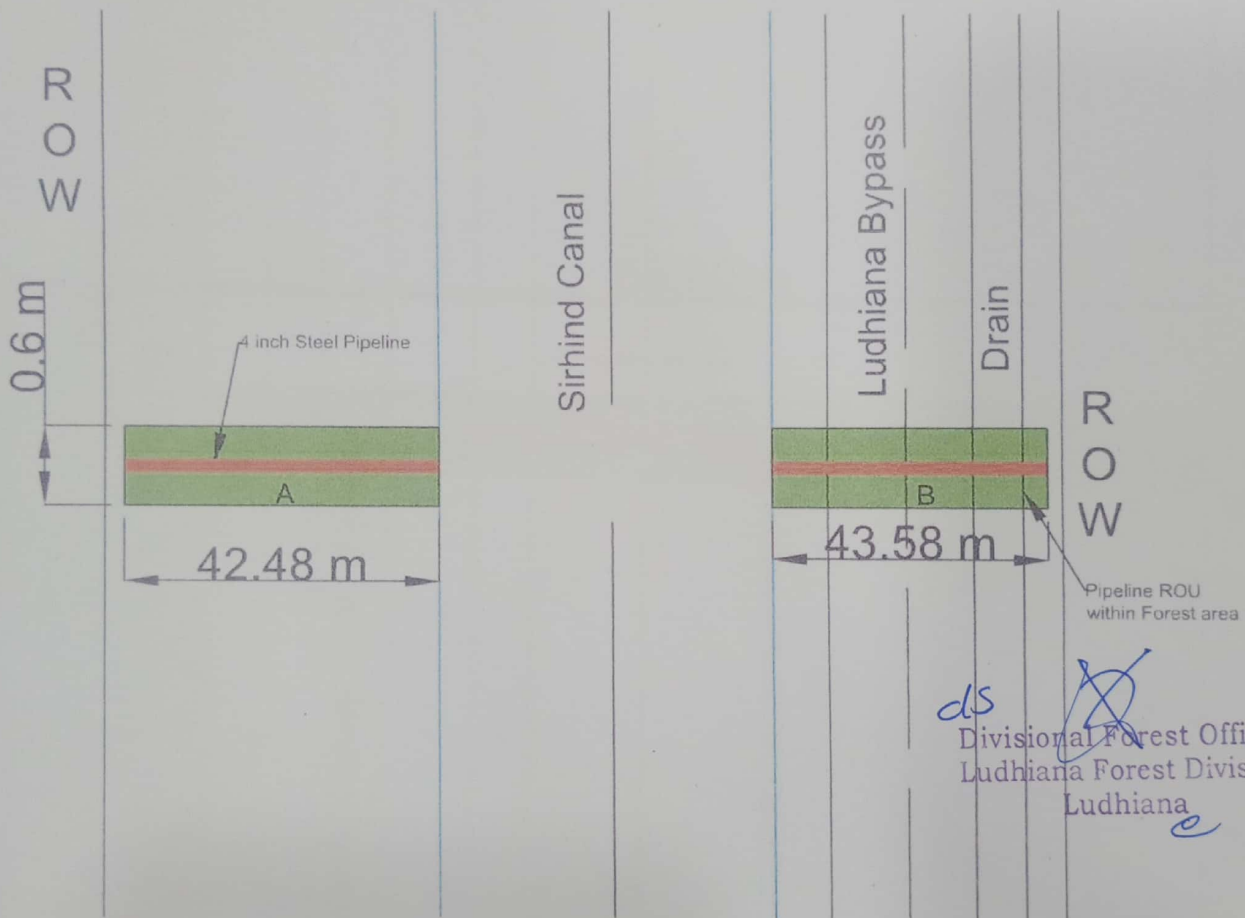
Village : Deep Nagar

Tehsil : Payal

District : Ludhiana

Pipeline CH. : 1/331.58 to 1515.3

Name of Crossing : Ludhiana Bypass & Sirhind Canal



ds
Divisional Forest Officer
Ludhiana Forest Division
Ludhiana


Total Area of Protected Forest At Above Said Object

A. Width 0.6 m X Length 42.48 m = 25.448 sqm

B. Width 0.6 m X Length 43.58 m = 26.148 sqm

Total Area = 50.628 Sq m = 0.0050628 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स) Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 4	N.T.S

Details of Protected Forest Area Sketch of Northern Railway Main Line

Village : Deep Nagar

Tehsil : Payal

District : Ludhiana

Pipeline CH. : 11/739.78 to 11/793.77

Name of Crossing : Northern Railway Main Line & Asphlated Road





Divisional Forest Officer
Ludhiana Forest Division
Ludhiana

Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 53.99 m = 32.394 sqm

Total Area = 32.394 Sq m = 0.0032394 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 9	N.T.S

Details of Protected Forest Area
Sketch of 1 R Distributary Canal

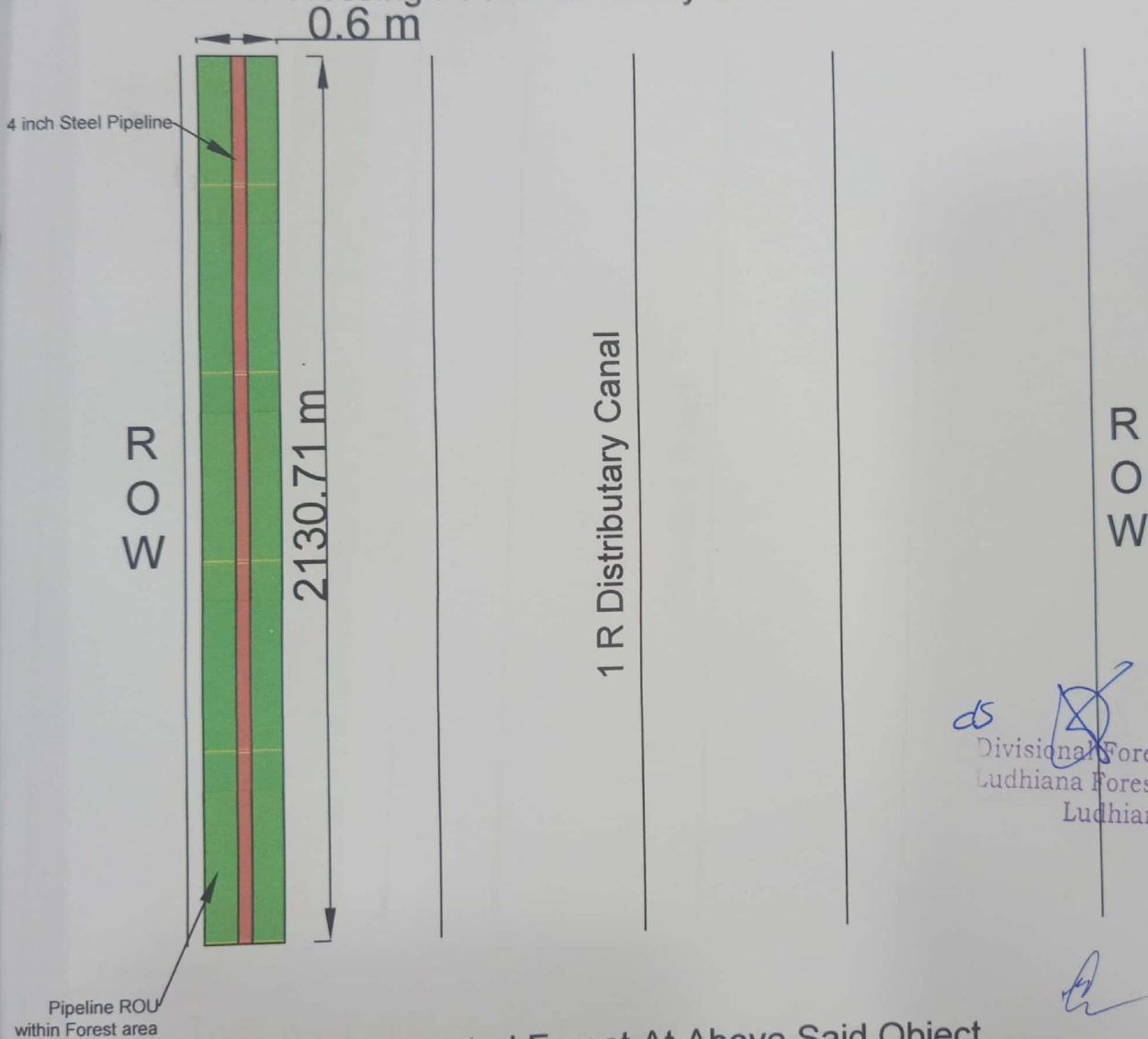
Village : Nandpur & Khakat, Govindgarh & Mangli Unchi

Tehsil : Ludhiana (East)

District : Ludhiana

Pipeline CH. : 11/793.77 to 13/924.48

Name of Crossing : 1 R Distributary Canal





ds
Divisional Forest Officer
Ludhiana Forest Division
Ludhiana

Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 2130.71 m = 1278.42 sqm

Total Area = 1278.42 Sq m = 0.127842 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गैल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 10	N.T.S

Details of Protected Forest Area Sketch of Metalled Road

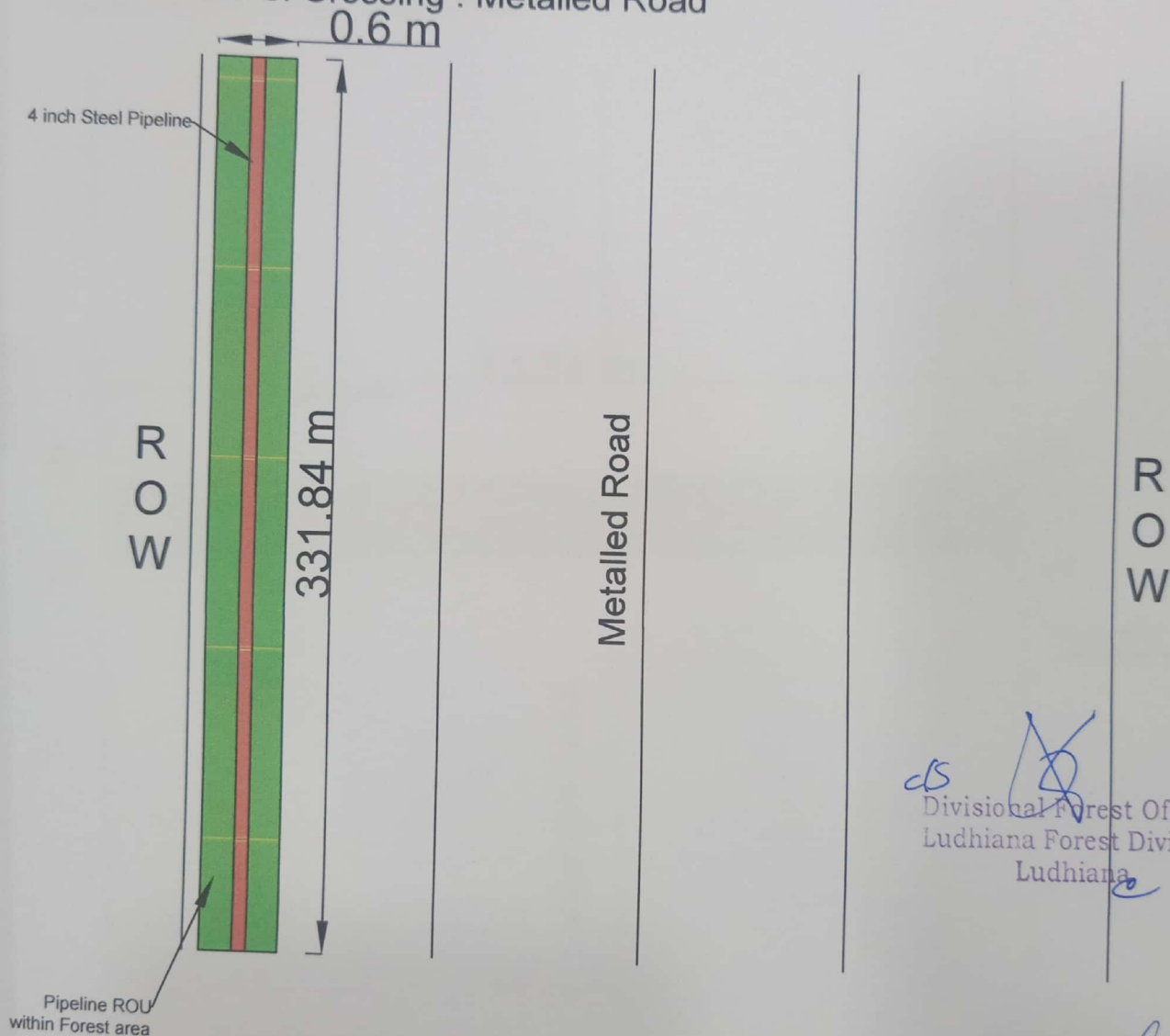
Village : Mangli Unchi

Tehsil : Ludhiana (East)

District : Ludhiana

Pipeline CH. : 13/924.48 to 14/256.32

Name of Crossing : Metalled Road





Divisional Forest Officer
Ludhiana Forest Division
Ludhiana

Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 331.84 m = 199.10 sqm

Total Area = 199.10 Sq m = 0.019910 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स) Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 11	N.T.S

Details of Protected Forest Area Sketch of Northern Railway Main Line

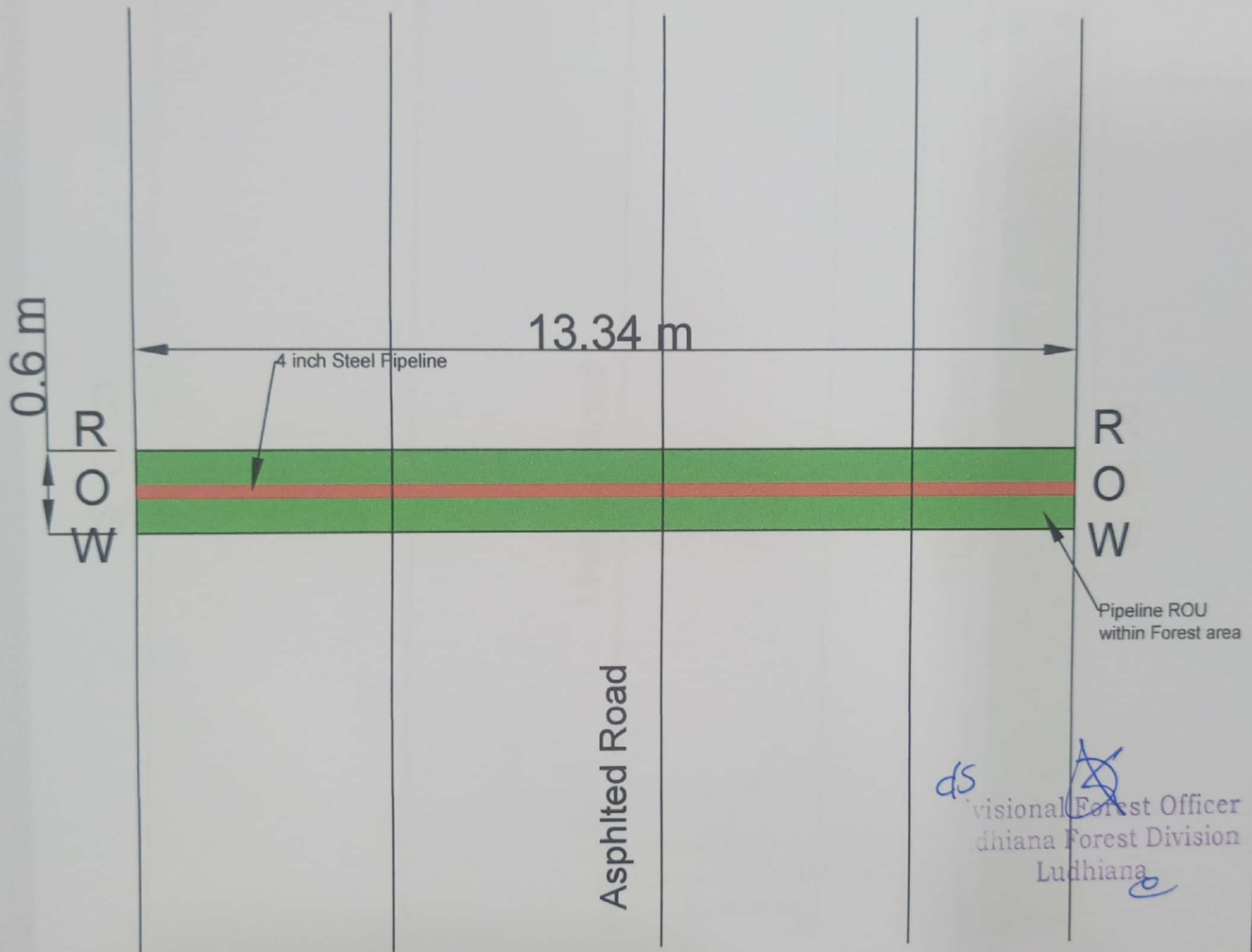
Village : Deep Nagar

Tehsil : Payal

District : Ludhiana

Pipeline CH. : 14/256.32 to 14/269.66

Name of Crossing : Asphlated Road





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Divisional Forest Officer
Ludhiana Forest Division
Ludhiana

Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 13.34 m = 8.004 sqm

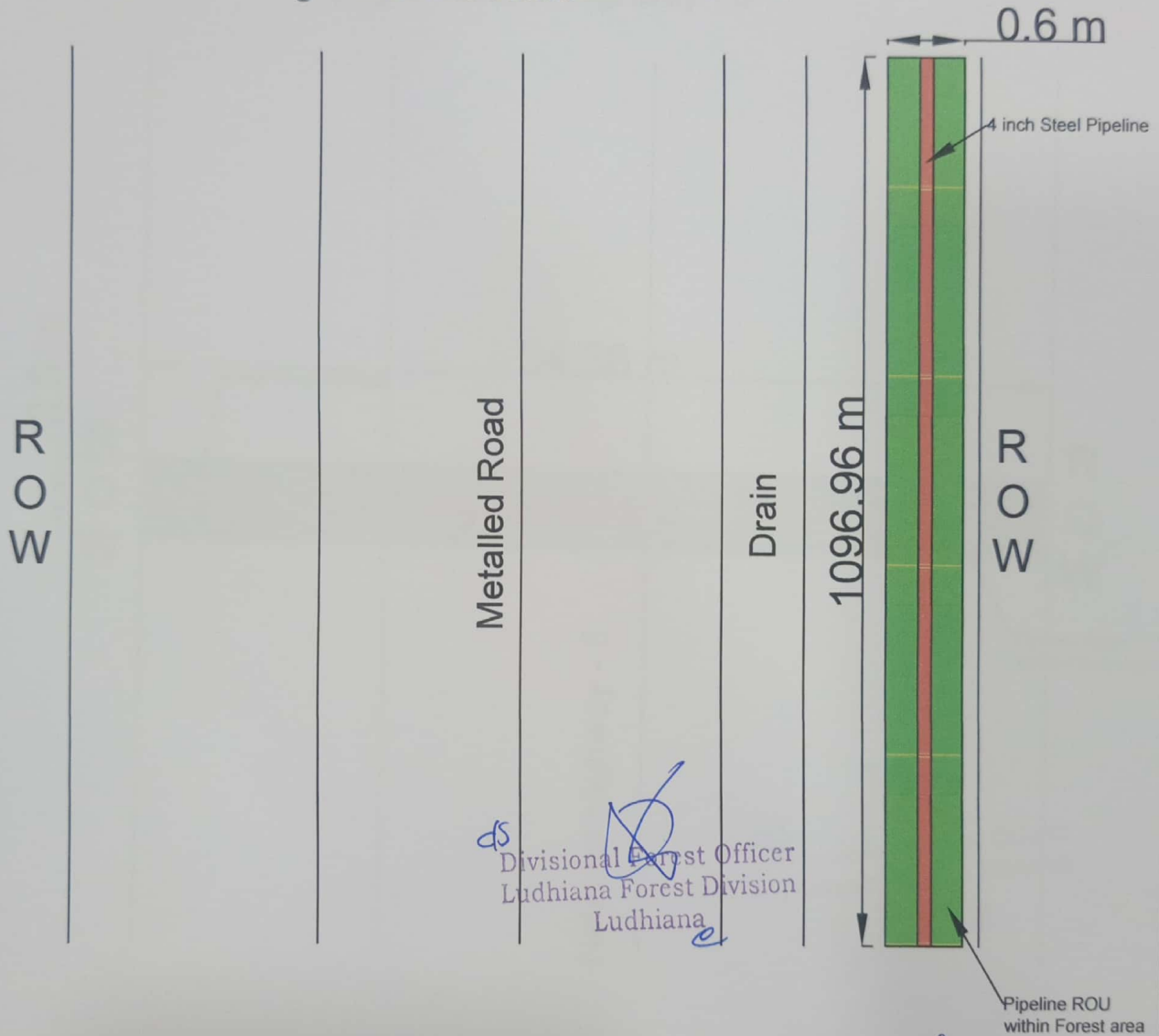
Total Area = 8.004 Sq m = 0.0008 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/ Dy General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 12	N.T.S



**Details of Protected Forest Area
Sketch of Metalled Road**

Village : Mangli Unchi, Mangli Nichi
Tehsil : Ludhiana (East)
District : Ludhiana
Pipeline CH. : 14/269.66 to 15/366.62
Name of Crossing : Metalled Road



Total Area of Protected Forest At Above Said Object
Width 0.6 m X Length 1096.96 m = 658.18 sqm
Total Area = 658.18 Sq m = 0.065818 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 13	N.T.S

Details of Protected Forest Area
Sketch of Northern Railway Main Line

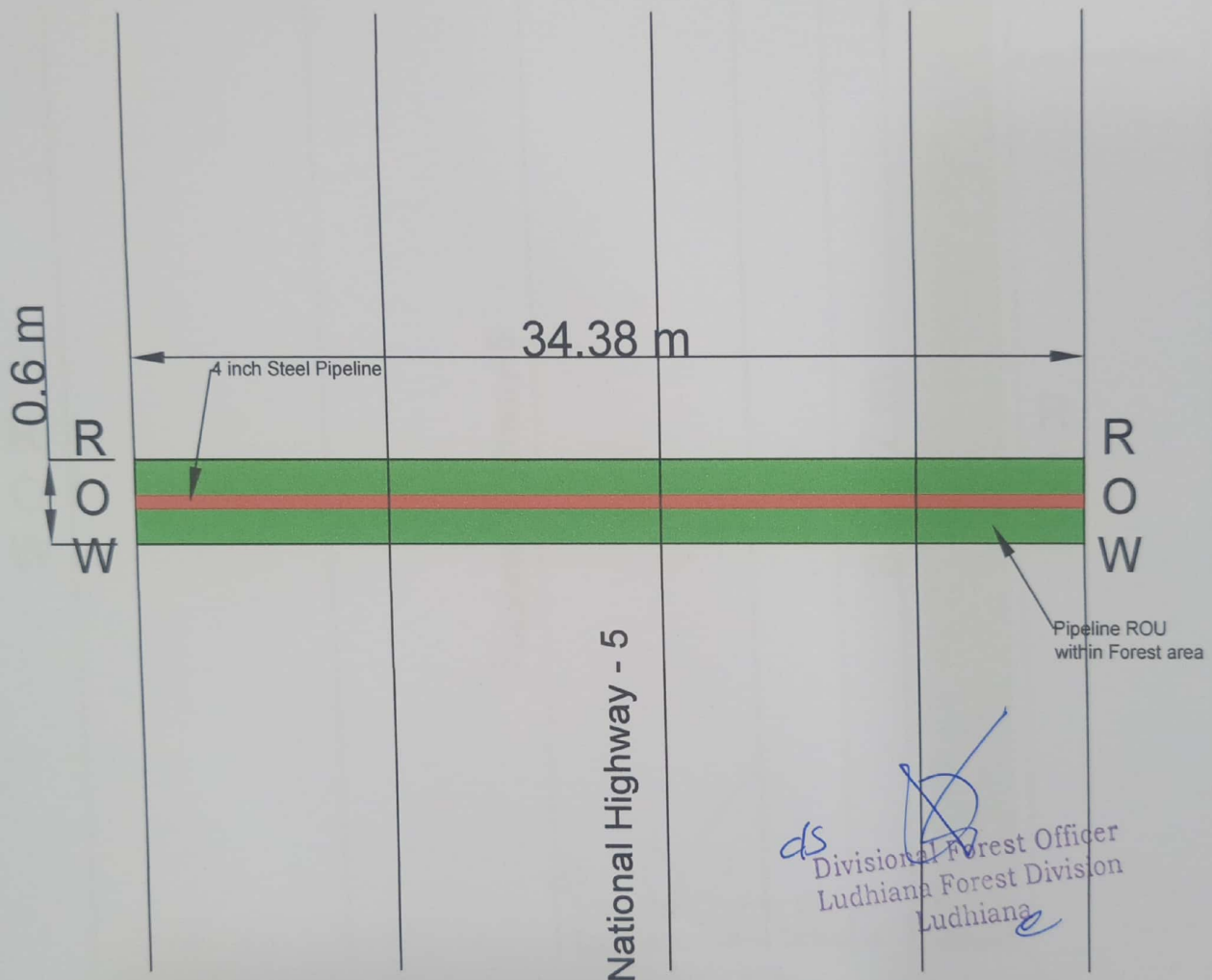
Village : Deep Nagar

Tehsil : Payal

District : Ludhiana

Pipeline CH. : 15/366.62 to 15/401

Name of Crossing : National Highway - 5





Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 34.38 m = 20.628 sqm

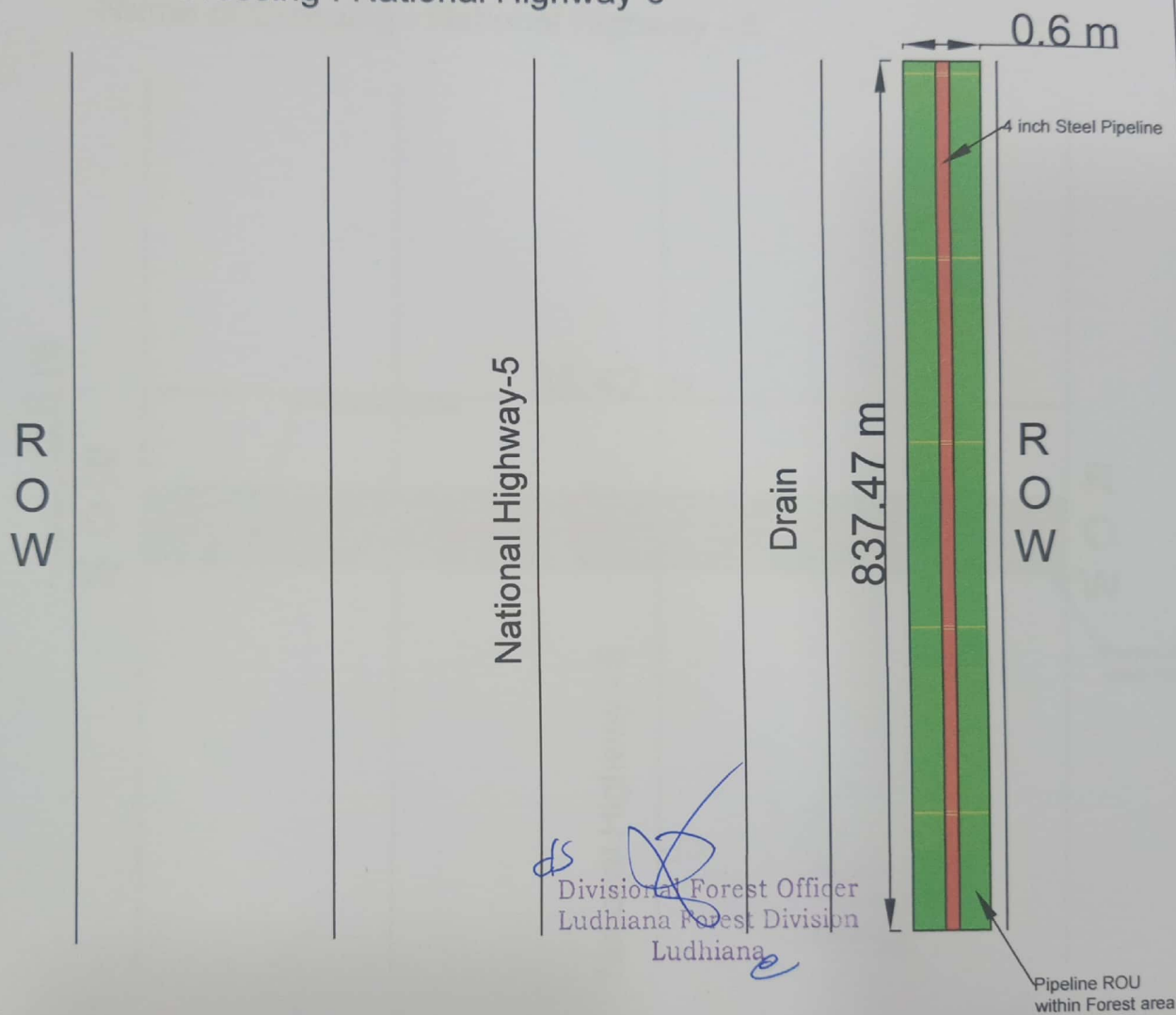
Total Area = 20.628 Sq m = 0.0020628 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 14	N.T.S

Details of Protected Forest Area Sketch of National Highway-5



Village : Mangli Nichi, Ludhiana
Tehsil : Ludhiana (East), Ludhiana (West)
District : Ludhiana
Pipeline CH. : 15/401 to 16/238.47
Name of Crossing : National Highway-5



Divisional Forest Officer
Ludhiana Forest Division
Ludhiana

Total Area of Protected Forest At Above Said Object
Width 0.6 m X Length 837.47 m = 502.48 sqm
Total Area = 502.48 Sq m = 0.050248 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स) Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 15	N.T.S

Details of Protected Forest Area Sketch of Northern Railway Main Line

Village : Deep Nagar

Tehsil : Payal

District : Ludhiana

Pipeline CH. : 16/238.47 to 16/274.38

Name of Crossing : National Highway - 5





Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 35.42 m = 21.252 sqm

Total Area = 21.252 Sq m = 0.0021252 Hectare

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उप महाप्रबन्धक (प्रोजेक्ट्स) Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 16	N.T.S

Details of Protected Forest Area Sketch of Metalled Road

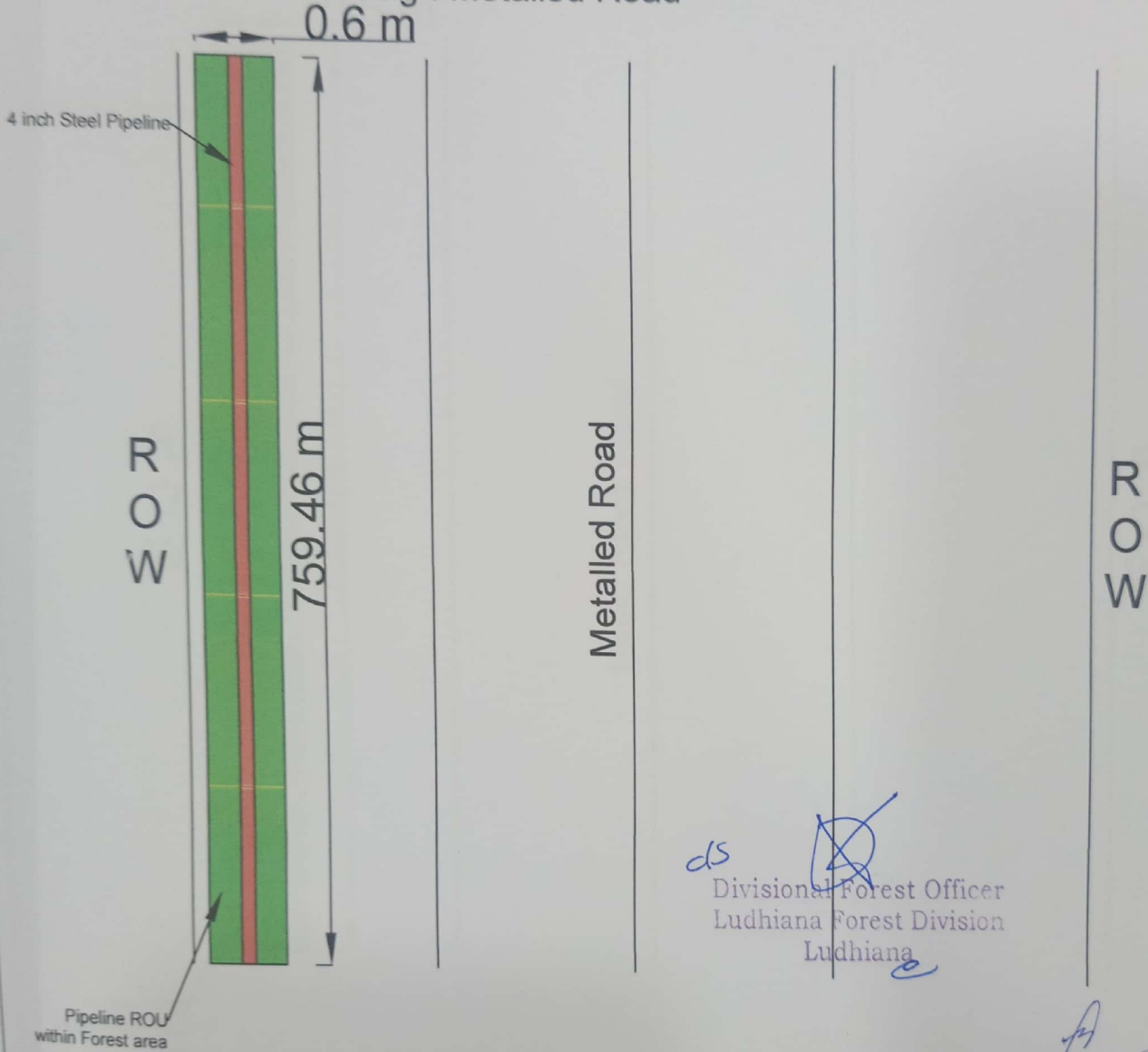
Village : Ludhiana

Tehsil : Ludhiana (West)

District : Ludhiana

Pipeline CH. : 16/274.38 to 17/033.84

Name of Crossing : Metalled Road





Divisional Forest Officer
Ludhiana Forest Division
Ludhiana

Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 759.46 m = 455.68 sqm

Total Area = 455.68 Sq m = 0.045568 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 17	N.T.S

Details of Protected Forest Area
Sketch of Paver Block Road

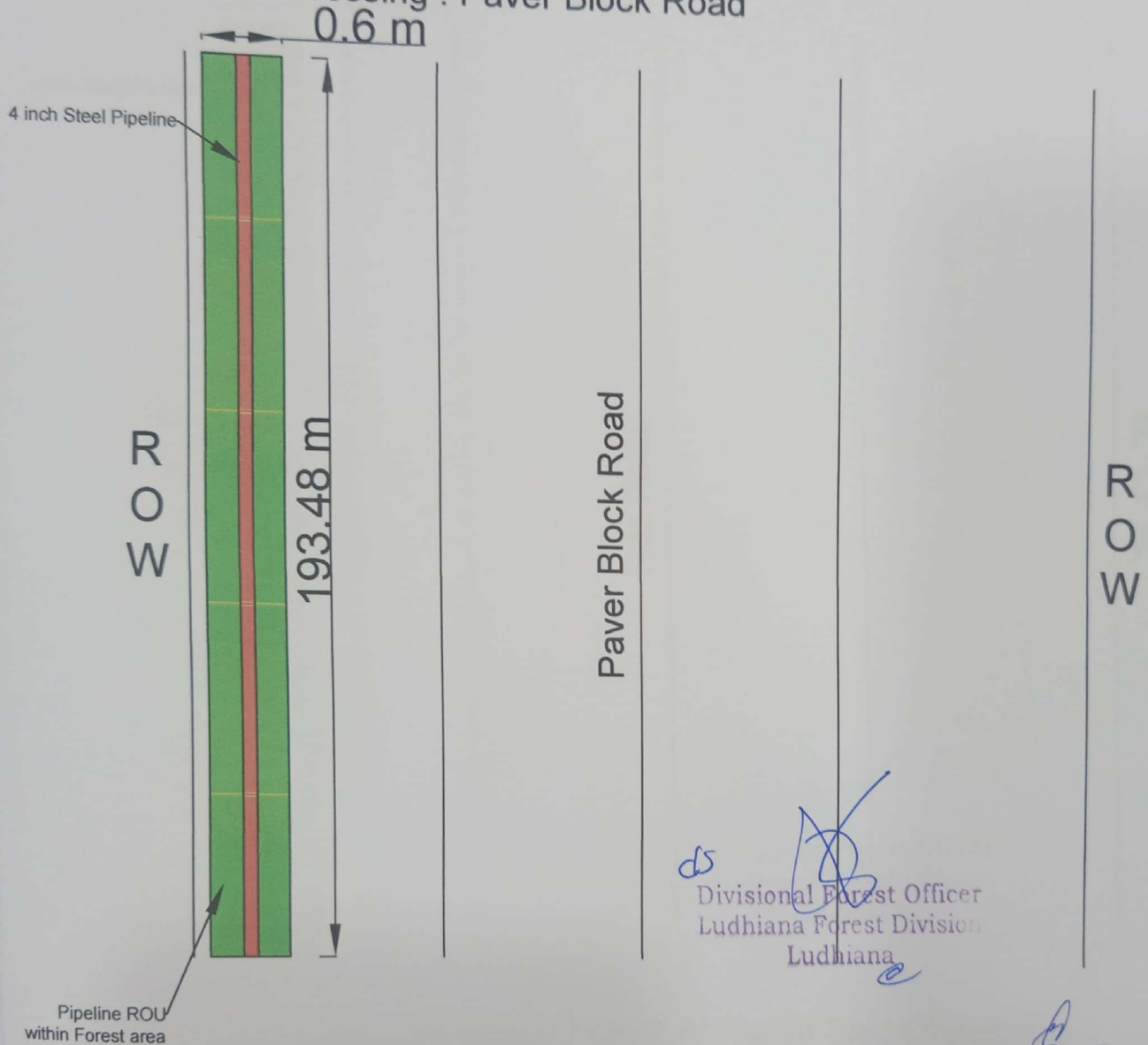
Village : Ludhiana

Tehsil : Ludhiana (West)

District : Ludhiana

Pipeline CH. : 17/033.84 to 17/227.32

Name of Crossing : Paver Block Road





Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 193.48 m = 116.09 sqm

Total Area = 116.09 Sq m = 0.011609 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 18	N.T.S

Details of Protected Forest Area
Sketch of Rcc Road

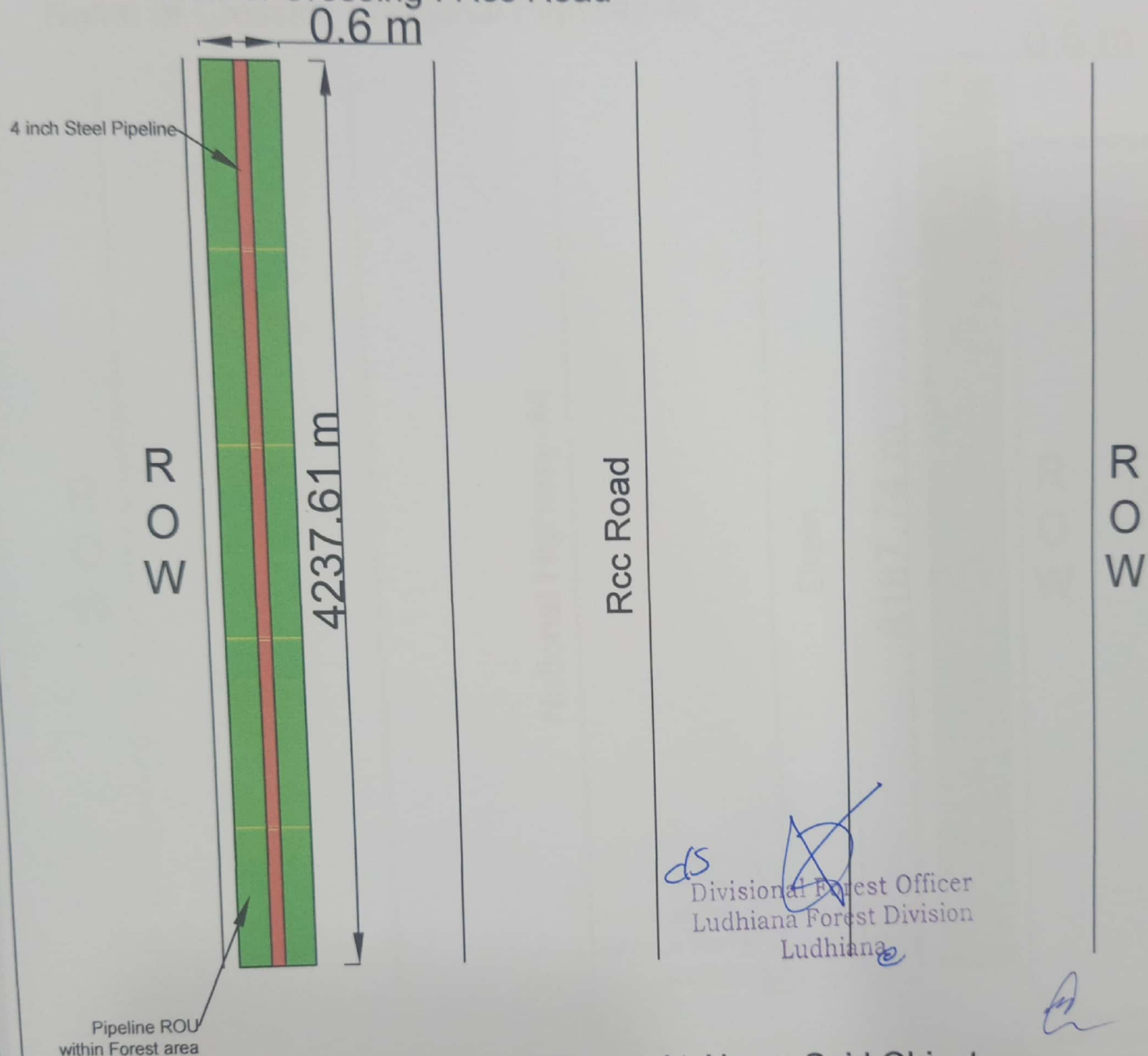
Village : Ludhiana

Tehsil : Ludhiana (West)

District : Ludhiana

Pipeline CH. : 17/227.32 to 21/464.93

Name of Crossing : Rcc Road





Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 4237.61 m = 2542.57 sqm

Total Area = 2542.57 Sq m = 0.254257 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स) Dy. General Manager (Project)
गैल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 19	N.T.S

Details of Protected Forest Area
Sketch of National Highway-44

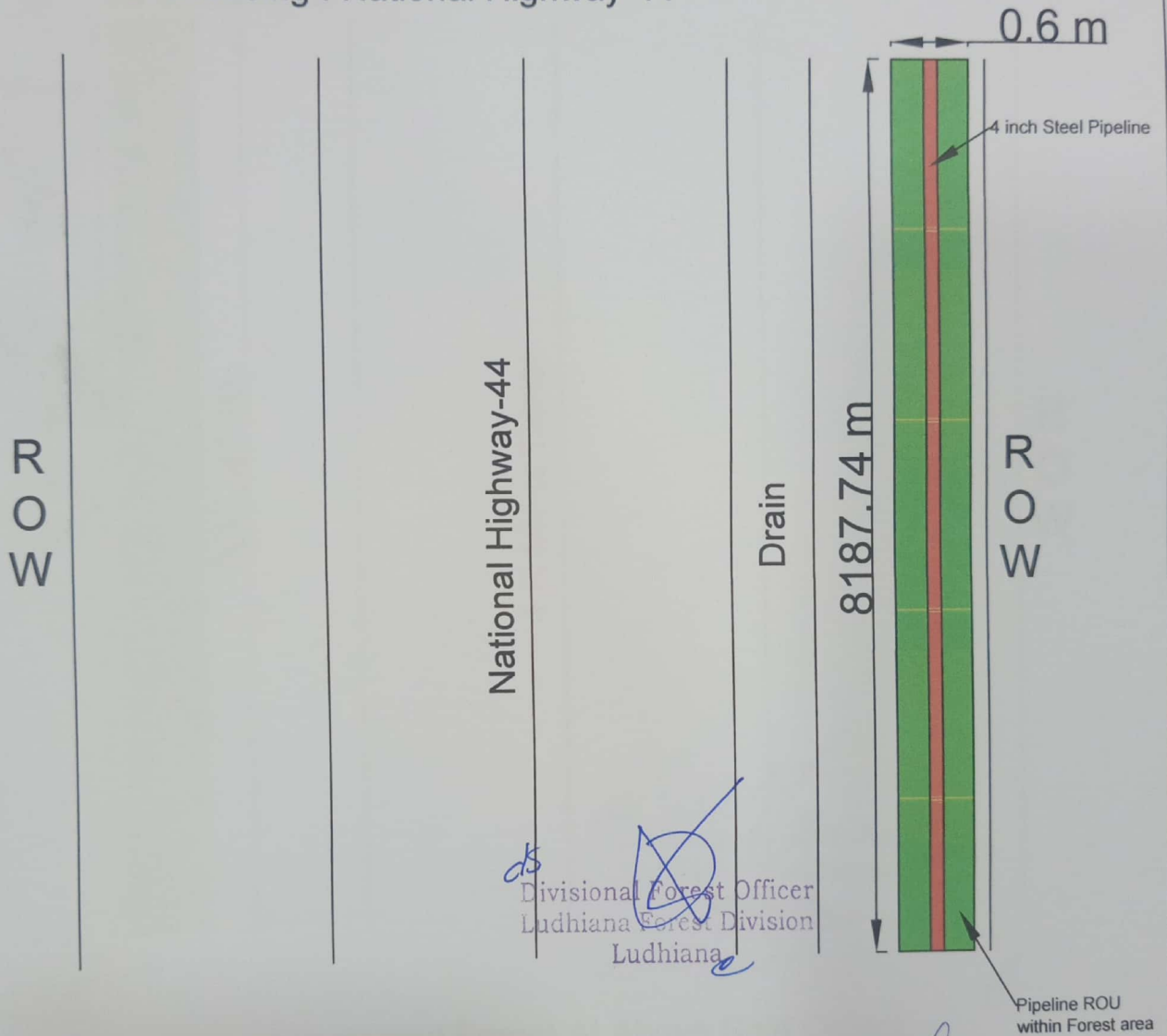
Village : Doraha, Rajgarh, Kanech, Bilgah, Sahnewal Khurd,
Sahnewal Kalan & Nandpur

Tehsil : Payal & Ludhiana (East)

District : Ludhiana



Pipeline CH. : 3/229.17 to 11/416.91

Name of Crossing : National Highway-44



Total Area of Protected Forest At Above Said Object
Width 0.6 m X Length 8187.74 m = 4912.64 sqm
Total Area = 4912.64 Sq m = 0.491264 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 6	N.T.S

Details of Protected Forest Area
Sketch of 1 R Minor Canal

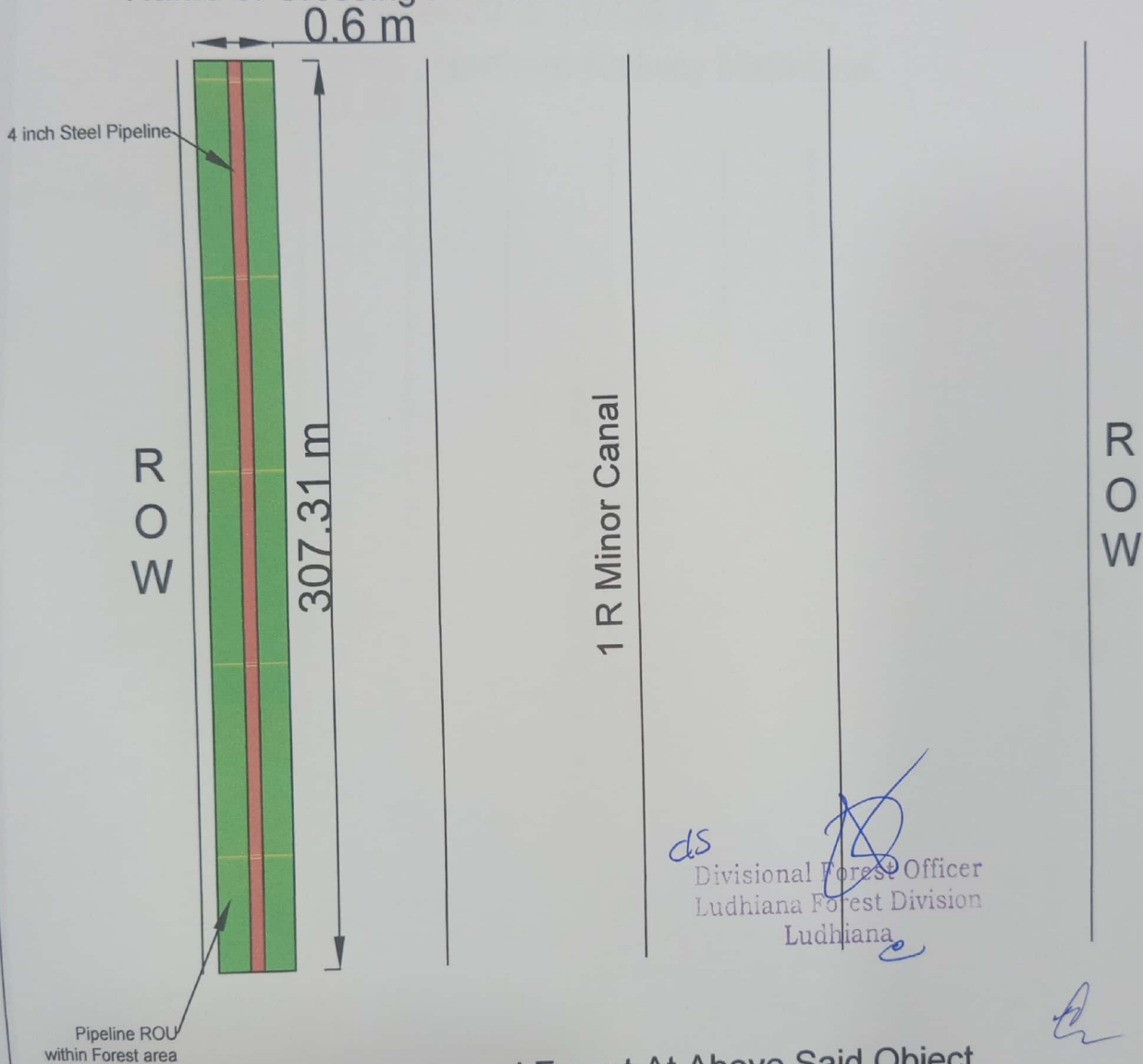
Village : Nandpur

Tehsil : Ludhiana (East)

District : Ludhiana

Pipeline CH. : 11/416.91 to 11/724.22

Name of Crossing : 1 R Minor Canal





Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 307.31 m = 184.39 sqm

Total Area = 184.39 Sq m = 0.018439 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 7	N.T.S

Details of Protected Forest Area
Sketch of Northern Railway Main Line

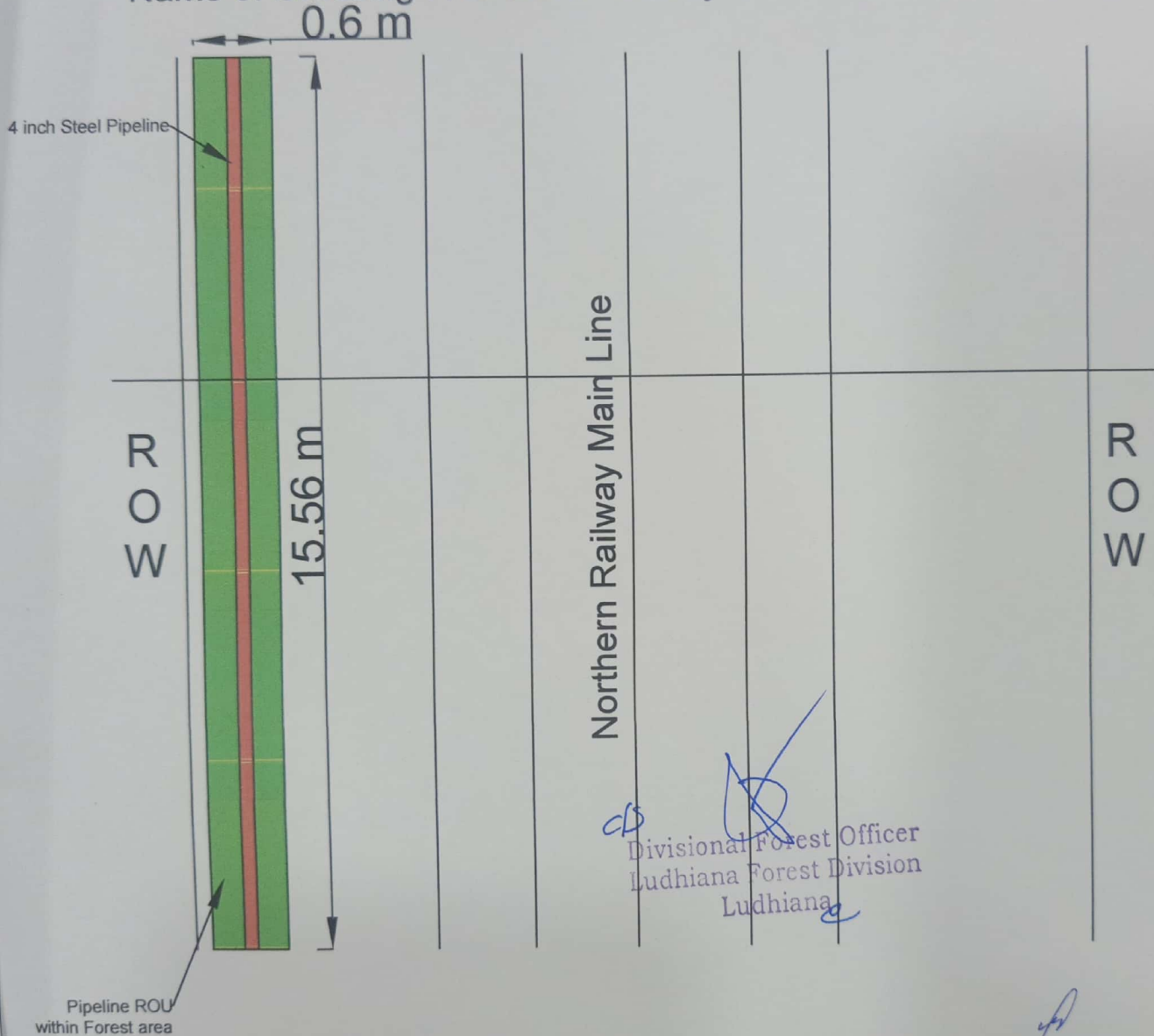
Village : Nandpur

Tehsil : Ludhiana (East)

District : Ludhiana

Pipeline CH. : 11/724.22 to 11/739.78

Name of Crossing : Northern Railway Main Line





Total Area of Protected Forest At Above Said Object

Width 0.6 m X Length 15.56 m = 9.34 sqm

Total Area = 9.34 Sq m = 0.000934 Hectare

हरपाल सिंह/HARPAL SINGH
उप महाप्रबन्धक (प्रोजेक्ट्स)/Dy. General Manager (Projects)
गेल (इंडिया) लिमिटेड/GAIL (India) Limited
नोएडा/NOIDA

Client	Surevy Conusltant	Title	Drg No.	Scale
 GAIL (India) Limited	 THE ODESH CONSULTANTS	4" Steel Pipeline From Gail SV to M/s Vardhman Special Steel Limited	FCA/CS 8	N.T.S