



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

**National Highways Authority of India**

(Ministry of Road Transport and Highways, Government of India)

क्षेत्रीय कार्यालय, मद्रुरै / **Regional Office, Madurai**

दूसरा व तीसरा तल, विजय कृष्णा प्लाजा, सं. 1, लेक परिया, मेलुर मैन रोड, माडुतावनी, मद्रुरै - 625107

2<sup>nd</sup> & 3<sup>rd</sup> Floor, Vijay Krishna Plaza, No. 1, Lake Area, Melur Main Road, Mattuthavani, Madurai - 625107

दूरभाष / Tele : +91-452-2588999 वेब / Website : www.nhai.gov.in ई.मेल / E-mail: romadurai@nhai.org



NHAI/15018/4.2/11/2024/RO Madurai/E:263929/1921

12<sup>th</sup> December, 2024

## INVITATION OF PUBLIC COMMENTS

**विषय:** भाराराप्रा - क्षे.का. मद्रुरै- पकाई,डिंडिगल - Operation & Maintenance of Two laning with Paved Shoulders of Dindigul - Theni - Kumili section from Km 2/750 to Km 136/543 of NH-183 (Old NH-45E & 220) in the State of Tamil Nadu - Proposed laying of water pipeline to SIPCOT Industrial Complex at Thappugunda in Theni District - Laying Underground 350mm DI water pipeline along the extreme end of NH Boundary between Km 84/175 to 84/250 (LHS), Km 84/250 to 96/025 (RHS) & Road Crossing at Km 84/250 of Dindigul - Theni - Kumili Road Section (NH-183) by Open Trench & HDD Method in Theni District- Invitation of Public Comments - Reg.

- प्रसंग:**
1. PD, Dindigul Lr. No. NHAI/PIU/DGL/11014/10/DTK/NOC/2024/E-251903/1965 dated 04.10.2024.
  2. RO Madurai Observation vide email dated 15.06.2024.
  3. PD, Dindigul Lr. No. NHAI/PIU/DGL/11014/10/DTK/NOC/2024/E-251903/1129 dated 11.06.2024.

The proposal received from PD, Dindigul Lr. No. NHAI/PIU/DGL/11014/10/DTK/NOC/2024/E-251903/1129 dated 11.06.2024there by requesting permission for laying Underground 350mm DI water pipeline along the extreme end of NH Boundary between Km 84/175 to 84/250 (LHS), Km 84/250 to 96/025 (RHS) & Road Crossing at Km 84/250 of Dindigul - Theni - Kumili Road Section (NH-183) by Open Trench & HDD Method in Theni Districtas per proposal submitted by the Executive Engineer, TWAD Board, RWS Division, Theni.

- 2) The alignment proposed by Executive Engineer, TWAD Board, RWS Division, Theni for laying Underground 350mm DI water pipeline along the extreme end of NH Boundary between Km 84/175 to 84/250 (LHS), Km 84/250 to 96/025 (RHS) &

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NHAI/15018/4.2/11/2024/RO Madurai/E:263929/ 1921 12<sup>th</sup> December, 2024

Road Crossing at Km 84/250 of Dindigul - Theni - Kumili Road Section (NH-183) by Open Trench & HDD Method in Theni District as detailed under:

Stretch in Km	Length (m)	Dia. Of the pipe (m)	Available ROW (in m)		Distance of erection from C/L (in m)		Remarks
			LHS	RHS	LHS	RHS	
Along NH-183: Km 84/175 to Km 84/250 (LHS)	75	0.35	15	15	14	-	Laying of pipe line along the extreme edge of ROW at a distance of 1.0 m from ROW edge.
Km 84/250 to Km 96/025(RHS)	11775	0.35	11-15	11-15	-	10-14	
Across NH-183: Km 84/250	28	0.9	-	-	-	-	Laying of pipe line along by HDD Method at a minimum depth of 1.50 m from the top of the sub grade.

3) The Right of Way is 22-30m in the aforesaid stretch. Executive Engineer, TWAD Board, RWS Division, Theni has proposed for laying Underground 350mm DI water pipeline along the extreme end of NH Boundary between Km 84/175 to 84/250 (LHS), Km 84/250 to 96/025 (RHS) & Road Crossing at Km 84/250 of Dindigul - Theni - Kumili Road Section (NH-183) by Open Trench & HDD Method in Theni District in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

4) Executive Engineer, TWAD Board, RWS Division, Theni has furnished an


NHAI/15018/4.2/11/2024/RO Madurai/E:263929/ 1921 12<sup>th</sup> December, 2024

Undertaking to the effect that the applicant will shift the laid water pipeline in future within 90 days if required by NHAI at any time for expansion of the NH at their own cost without claiming any compensation from NHAI. Further, mentioned that Executive Engineer, TWAD Board, RWS Division, Theniwill also undertake not to damage any other utility, if damaged, will pay the losses either to NHAI or to the concerned agency.

5) As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016 the proposal submitted by the applicant will be made available for public comments and the comments is invited within 30 days from the day of uploading.

In view of the above, comments of the public on the above proposal is invited to the below mentioned address:

Regional Officer,  
National Highways Authority of India,  
No.2nd & 3rd Floor, Vijay Krishna Plaza,  
No.1, Lake Area, Melur Main Road, Mattuthavani,  
Madurai - 625 007.



(एस .अजित कुमार | S.Ajith Kumar)  
प्रबंधक (तक) | Manager (Tech.,)  
क्षे.का. मदुरै | RO-Madurai

संलग्न: As above

प्रतिलिपि:

1. The NIC, New Delhi - for uploading in the Ministry's website.
2. The PD, Dindigul- for information.

## List of Correspondences

Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
1090784/2024/PIU - DINDIGUL	NHAI – PIU, Dindigul – ROW Permission – Operation & Maintenance of Two laning with Paved Shoulders of Dindigul – Theni – Kumili section from Km 2+750 to Km 136+543 of NH-183 (Old NH-45E & 220) in the State of Tamil Nadu – Proposed laying of water pipeline to SIPCOT Industrial Complex at Thappugunda in Theni District – Laying Underground 350mm DI water pipeline along the extreme end of NH Boundary between Km 84+175 to 84+250 (LHS), Km 84+250 to 96+025 (RHS) & Road Crossing at Km 84+250 of Dindigul – Theni – Kumili Road Section (NH-183) by open trench & HDD Method in Theni District – Approval Requested - reg.	Receipt		17/10/2024 04:16 PM		83- 123	Attach
1090774/2024/PIU - DINDIGUL	NHAI – PIU, Dindigul – ROW Permission – Operation & Maintenance of Two laning with Paved Shoulders of Dindigul – Theni – Kumili section from Km 2+750 to Km 136+543 of NH-183 (Old NH-45E & 220) in the State of Tamil Nadu – Proposed laying of water pipeline to SIPCOT Industrial Complex at Thappugunda in Theni District – Laying Underground 350mm DI water pipeline along the extreme end of NH Boundary between Km 84+175 to 84+250 (LHS), Km 84+250 to 96+025 (RHS) & Road Crossing at Km 84+250 of Dindigul – Theni – Kumili Road Section (NH-183) by open trench & HDD Method in Theni District – Approval Requested - reg.	Receipt		17/10/2024 04:15 PM		1-82	Attach





**भारतीय राष्ट्रीय राजमार्ग प्राधिकरण**  
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways, Government of India)

परियोजना कार्यान्वयन इकाई - डिंडिगल / Project Implementation Unit - Dindigul  
प्लॉट नं.1, ऐश्वर्यम हाइट्स, इंदिरा नगर, सन्नमनाईकेनपट्टी (पो), थाडिकोम्बु रोड, डिंडिगल - 624 004  
Plot No.1, Aishwaryam Heights, Indira Nagar, Sennamanaickenpatti (P.O), Thadikombu Road, Dindigul - 624 004  
दूरभाष / Tele: +91-451 2904199 वेब / Web: www.nhai.org ई-मेल / E-mail: piudindigul@nhai.org, dindigulpiu@gmail.com



NHAI/PIU/DGL/11014/10/DTK/NOC/2024/E-251903/1129

11.06.2024

सेवा में/To,

क्षेत्रीय अधिकारी/ The Regional Officer,

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Authority of India,

क्षेत्रीय कार्यालय, मदुरै/ Regional Office, Madurai

दूसरी और तीसरी मंजिल, विजय कृष्णा प्लाजा नंबर 1/2<sup>nd</sup> & 3<sup>rd</sup> Floor, Vijay Krishna Plaza,

लेक एरिया, मेलूर मेन रोड/ Lake Area, Melur Main Road,

मट्टुथवानी, मदुरै - 625 107/ Mattuthavani, Madurai - 625 107.

**विषय/Sub:** NHAI - PIU, Dindigul - ROW Permission - Operation & Maintenance of Two laning with Paved Shoulders of Dindigul - Theni - Kumili section from Km 2+750 to Km 136+543 of NH-183 (Old NH-45E & 220) in the State of Tamil Nadu - Proposed laying of water pipeline to SIPCOT Industrial Complex at Thappugunda in Theni District - Laying Underground 350mm DI water pipeline along the extreme end of NH Boundary between Km 84+175 to 84+250 (LHS), Km 84+250 to 96+025 (RHS) & Road Crossing at Km 84+250 of Dindigul - Theni - Kumili Road Section (NH-183) by open trench & HDD Method in Theni District - Approval Requested - reg.

**संदर्भ/Ref:** (i) Applicant's letter no. 62/F.SIPCOT/NHAI/JDO/RWS/TNI/2024 dated 29.05.2024  
(ii) NHAI/PIU/DGL/11014/10/DTK/NOC/2024/868 dated 27.04.2024  
(iii) LNMIPPL/NHAI/Dindigul-Kumili/2024-25/67 dated 24.04.2024  
(iv) NHAI/PIU/DGL/11014/10/DTK/NOC/TWAD/2024/791 dated 15.04.2024  
(v) Applicant's letter no. 62/D/SIPCOT/RWS/TN2/2024 dated 12.04.2024 (received on 15.04.2024)

महोदय/ Sir,

Reference is invited to the subject proposal, received from the Executive Engineer, TWAD Board, RWS Division, Theni vide letter cited under ref. 29.05.2024. Further, the applicant has also applied in the "MoRTH NOC Portal" for approval.

2. The applicant earlier vide letter dated 15.04.2024 had submitted their proposal which was forwarded to the Supervision Consultant of the subject stretch, M/s L N Malviya Infra Projects Pvt. Ltd., for examining the proposal of the applicant by duly visiting the site and furnishing the reply/ recommendations thereon.

3. Accordingly, the Supervision Consultant vide their letter dated 27.04.2024 cited under ref (iii) has recommended the proposal for approval of the Competent Authority. However, this office found some discrepancies which were communicated to the applicant vide letter dated 27.04.2024. In turn, the applicant vide letter dated 29.05.2024 submitted the revised proposal duly complying with the observations raised by this office.

3. In this context, the proposal submitted by the Applicant vide ref. (i) cited has been scrutinized in light of Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 and the following points are brought out;

- A plan showing the above-mentioned NH stretch with the proposed Pipeline location, and cross-section of the Pipeline Trench has been appended in the proposal.
- 01 No. crossing is proposed in this proposal.
- The water supply pipeline is proposed to be laid a minimum of 1.2m below from Ground level/Subgrade which satisfies the norms.
- The applicant has submitted an agreement in the prescribed format to be executed in case the approval is accorded.
- The applicant has submitted the necessary undertakings in the prescribed format as mentioned in the Ministry Circular No. RW/NH-33044/29/2015/ S&R (R) dated 22.11.2016.
- Indemnity Bond has been enclosed herewith.

4. The license fee has been calculated for the pipeline of various diameters proposed in line with the MoRTH Policy Guidelines dt. 22.11.2016 & 17.04.2023 as detailed below:

LICENSE FEES (Rs/Sqm/month)											
[Utilized NH Land area X prevailing Circle Rate of Land per unit area X 1.5%]											
S. NO	CHAINAGE IN KM		SIDE	LENGTH (M)	PIPE	DIA OF THE PIPE		UTILIZED NH LAND AREA (Sqm)	PREVAILIN G CIRCLE RATE OF LAND PER UNIT AREA (Sqm) (Rs)	PUBLIC UTILITY (RS) NH Land area X prevailing Circle Rate of Land per unit area X 1.5%	ABUTTING VILLAGE
	FROM	TO				mm	m				
I	KM	KM		(L)				[D x L]			
<b>Along the Road</b>											
1	84+175	84+250	LHS	75	DI	350	0.35	26.25	126.06	49.64	Upparpatti/ Kottur
2	84+250	84+783	RHS	533	DI	350	0.35	186.55	126.06	352.75	Upparpatti/ Kottur
3	84+783	89+233	RHS	4450	DI	350	0.35	1557.5	126.06	2945.08	Kottur
4	89+233	93+123	RHS	3890	DI	350	0.35	1361.5	126.06	2574.46	Seelayampatti
5	93+123	96+025	RHS	2902	DI	350	0.35	1015.7	158.15	2409.49	Chinnamanur
<b>Total Value (for along)</b>				<b>11850</b>				<b>4147.5</b>		<b>8331</b>	
<b>II CROSSINGS AT</b>											
1	84+250			28	MS	900	0.9	25.2	126.06	47.65	Karunkattankulam
<b>Total Value (for across)</b>				<b>11878</b>						<b>48</b>	

However, as per latest MoRTH Circular dated 17.04.2023, the License fee per annum has been adopted as Rs.10,000/- [Minimum amount] as mentioned in policy guideline Clause 5.2. Accordingly, the License fee for 5 years has been calculated with (6% annual increment for each year) which is arriving to Rs.56,371/-.

5. The amount of Performance Bank Guarantee has been calculated in line with the MoRTH Policy Guidelines dated 22.11.2016 as detailed under:

Total Length along & across NH	11878 m
Rate of performance BG	Rs. 250/- Per m (>300 mm dia/width but < = 100mm)
Amount (11878 x 250)	29,69,500 /-

Cost of Restoration Charges	Rs.1 Lakh per crossing
1 No. of Crossing	1,00,000/-
<b>Total Amount</b>	<b>30,69,500/-</b>

6. Further, it is to certify that any other location of the Underground pipeline will be extremely difficult and unreasonably costly and the proposal confirms all the standard conditions issued vide Ministry Circular dated 22.11.2016 & 17.04.2023, the installation of the pipeline within ROW will not adversely affect the design, stability, traffic, future widening and safety of the Project Highway. It is further submitted that sufficient ROW is available to accommodate the proposed pipeline.

7. In view of above, it is requested that the **“Proposed laying of water pipeline to SIPCOT Industrial Complex at Thappugunda in Theni District - Laying Underground 350mm DI water pipeline along the extreme end of NH Boundary between Km 84+175 to 84+250 (LHS), Km 84+250 to 96+025 (RHS) & Road Crossing at Km 84+250 of Dindigul - Theni - Kumili Road Section (NH-183) by open trench & HDD Method in Theni District”** may be considered for approval.

संलग्न/ Encl: As stated.

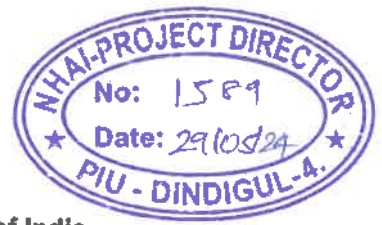
भवदीय/ Yours Sincerely,

(वी. नागराज/ V. Nagaraj)

परियोजना निदेशक/ Project Director

प्रतिलिपि/ Copy to:

1. Executive Engineer, TWAD, RWS Division, Theni - for kind information.
2. Resident Engineer, M/s L N Malviya Infra Projects Pvt. Ltd. - for information.



From,  
**Er.A.Ramachandran, M.E, M.I.E.,**  
EXECUTIVE ENGINEER,  
TWAD Board, RWS Division,  
No.2, NRT Main Road,  
NRT Nagar,  
Theni-625 531.

To,  
**THE PROJECT DIRECTOR,**  
**National Highways Authority of India,**  
**(Ministry of Road Transport & Highways),**  
Plot No.1, Aishwaryam Heights, Indira Nager,  
Sennarnanaickenpatti (Po), Thadikombu Road,  
Dindigul-624 004.

Lr.No:62/ F.SIPCOT /NHAI / JDO/ RWS/ TNI/ 2024 ,Dt.

Sir,

**SUB: Proposal Resubmitted for Approval - Request for Approval in Laying water supply Scheme to SIPCOT Industrial Complex at Thappukundu in Theni District - Laying Underground 350 mm Ø DI Water Pipe Line along the extreme end of NH Boundary Between K.M. 84/175 to 84/250 (LHS), K.M. 84/250 to 96/025 (RHS) & Road Crossing K.M.84/250 of Dindigul - Theni - Kumily Road Section (NH-183), Theni District, Tamilnadu State-Reg.**

<b>NHAI-PIU-DGL</b>	
<b>PD</b>	<input checked="" type="checkbox"/>
<b>M(T)</b>	<input checked="" type="checkbox"/>
<b>LO</b>	<input type="checkbox"/>
<b>ACC</b>	<input checked="" type="checkbox"/>
<b>S1</b>	<b>REF: 52</b>
<b>S3</b>	<b>S4</b>

**NHAI-PIU-Dindigul, NHAI-PIU-DGL/11014/10/DTK/NOC/2024/868. Dt.27.04.2024.**

With reference to the above subject, we resubmit here with 3 sets of the proposal for the favour of approval in laying water supply Scheme to SIPCOT Industrial Complex at Thappukundu in Theni District - Laying Underground 350 mm Ø DI Water Pipe Line along the extreme end of NH Boundary Between K.M. 84/175 to 84/250 (LHS), K.M. 84/250 to 96/025 (RHS) & Road Crossing K.M.84/250 of Dindigul - Theni - Kumily Road Section (NH-183), Theni District, Tamilnadu State for the subject location after rectifying the remarks pointed out by the Project Director, NHAI, Dindigul.

The above rectifications may please be considered and we kindly request you to approve the proposal at the earliest.

Thanking You,

*29/05/2024*

**EXECUTIVE ENGINEER,**  
TWAD Board, RWS Division,  
Theni.

Encl.: Proposals documents - 3 sets

**PROPOSALS FOR PROVIDING UNDERGROUND 350 MM Ø DI WATER PIPE LINE ALONG  
THE EXTREME END OF NH BOUNDARY BETWEEN  
K.M. 84/175 TO 84/250 (LHS), K.M. 84/250 TO 96/025 (RHS) & ROAD CROSSING K.M.84/250  
OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183),  
THENI DISTRICT, TAMILNADU STATE**

**APPLICANT:**

  
**THE EXECUTIVE ENGINEER,**  
TWAD Board, RWS Division,  
No.2, NRT Main Road,  
NRT Nagar,  
Theni-625 531.

**LIST OF ENCLOSURES: -**

1. CHECK LIST
2. GENERAL ANNEXTURE FORM
3. SPECIAL ANNEXTURE FORM I & II
4. SITE PLAN
5. DOCUMENTS



**ANNEXURE FORM**

**GENERAL ANNEXURE FOR ACCOMPANY THE PROPOSALS FOR PROVIDING  
UNDERGROUND 350 MM Ø DI WATER PIPE LINE ALONG THE EXTREME END OF NH  
BOUNDARY BETWEEN K.M. 84/175 TO 84/250 (LHS), K.M. 84/250 TO 96/025 (RHS) &  
ROAD CROSSING K.M.84/250 OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183),  
THENI DISTRICT, TAMILNADU STATE**

**GENERAL****CHECK LIST:**

I.	i	Whether the site plan is drawn to scale 1:2500 or 1:1000 and enclosed.	:	Yes, site plan 1: 2500
II.		Whether the details of 100 m on either side of the utility laying have been furnished.	:	Yes.
III.		Does the site plan show in full.	:	Yes.
	a	The National Highway boundary line with distance from center line of the road marked at salient points where the width is changing and also at 100m intervals.	:	Yes.
	b	The berm line and distance from centerline at 100m, intervals and also at salient points of change of width of National Highway land.	:	Yes.
	c	Center line of pavement of pavement edge.	:	Yes.
	d	Medians, if any marked to scale.	:	Yes.
	e	The location of the utility line of proposal with Site chain ages showing exact location and distance.	:	Marked.
	f	The existing culvert / drainage works with Site chain ages showing exact location and distance.	:	Marked.

  
 Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

ii. a	Purpose of proposal in details.	Providing UG 350 mm Ø DI water pipe line
b.	Exact location of the proposal.	
<b>S.NO</b>	<b>EXACT LOCATION</b>	<b>TOTAL LENGTH "M"</b>
<b>ALONG THE ROAD WATER PIPE LINE</b>		
01	350 mm Ø DI - K.M. 84/175 To 84/250 (LHS)	75 M
02	350 mm Ø DI - K.M. 84/250 To 96/025 (RHS)	11775 M
<b>Total Length Water Pipe Line "M"</b>		<b>11850 M</b>
<b>ROAD CROSSING WATER PIPE LINE</b>		
01	K.M. 84/250 - 350 mm Ø DI Pipe with 900 mm MS Casing Pipe	28.00 M
<b>Total Length Water Pipe Line "M"</b>		<b>28.00 M</b>
c	Whether the applicant is a private agency / Public sector / Local body / <b>Government Department.</b>	<b>Government Department,</b> <b>THE EXECUTIVE ENGINEER,</b> TWAD Board, RWS Division, No.2, NRT Main Road, NRT Nagar, Theni-625 531.
d	Any time schedule fixed for the completion of the proposed made.	Extremely Urgent.
e	Why reason the proposed could not accommodated outside the NH Road Land.	Private land, Buildings etc. Will obstruct the proposal.
f	Whether any other location other than this is Not possible, if so the reasons they're for.	No other possible.
g	Whether any other location other than this is would be difficult or costly.	Difficult and not possible.
h	Whether this proposal when implemented will affect the design stability and traffic safety of Highway.	No.
i	Whether this proposal if implemented now will affect any likely future improvement such as improvements to geometric.	No.
j	Is there any proposal for improvement in this sketch or likely to be sanctioned in near future and whether they will be affected by this proposal.	No.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**



### **IMPORTANT RULES**

1. The pipe lines should not be laid longitudinally for considerable length along NH.
2. The crossing of pipe lines shall be square i.e., should be normal to NH.
3. Existing drainage structures shall not be used to carry the pipe lines across unless specially permitted by Govt. of India.
4. The pipe should be providing with a casing pipe of larger dia and with 0.25 M bedding below the casing pipe, if laid across the road.

The above mentioned rules have been noted for guidance.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**SPECIAL ANNEXURE II TO ACCOMPANY ANY PROPOSALS SUCH AS LAYING OF UTILITY SERVICES LIKE PIPE LINES, UNDER GROUND PIPE LINE ALONG AND ACROSS NH**

**A. LAYING UTILITY LINE ALONG NATIONAL HIGHWAYS:**

1	Whether the utility line as close to the extreme edge of the right of way as possible? If not the detailed reasons for exceptions.	:	Shown in plan
2	Whether the utility line is 15 m away from the C/L of the nearest line carriage way? If not the reasons there for (Distances should be clearly noted) at the salient points and at close intervals.	:	Shown in plan
3	Does the proposal cover the area where the road formation is in double cutting.	:	No
4	Does the proposal run over existing culverts and bridges at any place, if yes give reason why it can't be avoided.	:	Shown in plan
5	Will this proposal interfere with Mtce., of NH at any time by the execution if permitted.	:	No
6	Whether the C/S of the utility line as it runs along with NH is given in the Drawing?	:	Yes
a	Whether the top of the pipe line lie at least 0.6m below GL.	:	Yes
b	Will it obstruct the drainage of the road land.	:	No
7	Is this a proposal to lay or electric cable carrying HT line?	:	No
a	If so, the necessary certificate by the proposed that it will not have any deleterious effect on any of the bridge Components and road way safety for traffic.	:	Nil

**B LAYING OF UTILITY LINE ACROSS NH:**

1	Chain age at which it crosses the NH.	:	K.M. 84/250
2	Does the proposal cross the NH on a line normal to it? The reason there for any why it can't be takes Normal to road.	:	Yes
3	If the proposal for irrigation purpose? If so the concurrence of the revenue Dept. has been enclosed.	:	Nil
4	Whether there is any structure existing within 15 m from the crossing? if so, the details of such structure.	:	Nil
5	The reasons why the crossing can't be shifted to more than 15 m from the existing structures.	:	Nil

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Thani.**

**C CONDUCTOR CASING PIPES:**

1	Does it pass through special conductors or other structures built for this purpose	:	Nil.	
2	Does it use any of the existing drainage structure?	:	Nil.	
3	Whether the conduit pipe lines has been encased.	:	Yes.	
4	The details of casing pipes such as its dia, material.	:	<b>Material MS Pipe</b>	
			<b>Water Pipe</b>	<b>Casing Pipe</b>
			1. K.M.84/250 350 DI Pipe	900 mm MS Pipe
5	Whether the ends of casing are conduit pipe are sealed from outside so that it may not act as drainage path.	:	Nil.	
6	Does the casing / conduit pipe extend from drain to drain in this cut or from the toe or slope to tie of slope in case, if this is full?	:	Yes.	
7	Whether the top of casings / conduit pipe is 1.2m below the Road level subject to the conditions that is lie at least 0.5m below the drain inverts.	:	Yes.	

  
 Executive Engineer  
 TWAD Board, RWS Division  
 Thani.

**D METHODS OF LAYING:**

1	Will the pipe installed under road embankment by boring or Trench method? (in case of cc roads or dense bituminous Concrete road, only boring method should be adopted).	:	Along the road - <b>Trench method.</b> Crossing the road - <b>Bore method.</b>
2	if trench method is adopted.	:	Yes.
a	Are the sides of the trench nearly vertical.	:	Yes.
b	What is the width of the trench? if it is not less than 30 cm and not more than 60 cm than outer dia of the casing pipes.	:	Yes.
c	Whether the bedding is of 30 cm thick below the pipe?	:	Yes
d	Does it consist of granular materials or other good materials so give a firm surface	:	Yes
e	Are the above details shown in the sketch	:	Yes
f	Whether the back fill shall be completed in 2 stages.	:	Yes
g	Whether the side fill shall consists of good materials and whether will it be completed to 95 of its proctor's density?	:	Yes
h	Whether the road will be restored to its original stage?	:	Yes
l	Whether all precautions will be taken during execution?	:	Yes
j	Whether the party agrees to meet the cost of restoring the road to its original position.	:	Yes

  
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**METHODOLOGY FOR LAYING OF UNDER GROUND WATER PIPE LINE ON NH LAND**

**PERMISSION FOR LAYING OF UNDER GROUND WATER PIPE LINE ALONG THE EXTREME  
END OF NH BOUNDARY BETWEEN 350 MM Ø DI PIPE K.M. 84/175 TO 84/250 (LHS), K.M.  
84/250 TO 96/025 (RHS) & ROAD CROSSING K.M.84/250 OF DINDIGAL - THENI - KUMILY  
ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

<b>METHODOLOGY FOR LAYING OF PIPE LINE</b>	<b>1. ALONG THE ROAD-TRENCH METHOD &amp; 2. ROAD CROSSING - HDD METHOD.</b>
<b>1. <u>Open trenching method:</u> -</b>	
<p>The trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cm wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below. A typical sketch showing the clearances is given in Drawing.</p> <ol style="list-style-type: none"> <li>a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.</li> <li>b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.</li> <li>c. The road crust shall be built to the same strength as the existing crust on either side of the trench.</li> </ol>	
<b>2. <u>Crossing - Horizontal Direction Drilling (HDD) method:</u> -</b>	
<p>Cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower, subject to being at lease 0.3m below the drain inverts. A typical sketch showing the clearances is given in Drawing.</p> <p>The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring. Installation by boring method shall be preferred.</p>	

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
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**CHECK LIST FOR GETTING APPROVAL TO LAY UNDER GROUND**  
**WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY BETWEEN**  
**350 MM Ø DI PIPE K.M. 84/175 TO 84/250 (LHS), K.M. 84/250 TO 96/025 (RHS) &**  
**ROAD CROSSING K.M.84/250 OF DINDIGAL - THENI - KUMILY ROAD SECTION**  
**(NH-183), THENI DISTRICT, TAMILNADU STATE**

S.No.	Item	Information/Status	Remarks
1.0	<b>General Information</b>		
1.1	Name and address of the Applicant	<b>THE EXECUTIVE ENGINEER,</b> TWAD Board, RWS Division, No.2, NRT Main Road, NRT Nagar, Theni-625 531.	
1.2	National Highway Number	NH-183 (Dindigal - Theni - Kumily Road)	
1.3	State	Tamilnadu	
1.4	Location	NH-183 (Dindigal - Theni - Kumily Road)	
1.5	Chainage in Km	Along the Road 350 mm Ø DI Pipe K.M. 84/175 to 84/250 (LHS), K.M. 84/250 to 96/025 (RHS) & Road Crossing K.M.84/250 of Dindigal - Theni - Kumily Road Section (NH-183), Theni District, Tamilnadu State.	
1.6	Length in meters	Along the Road - 11850 m Across the Road - 28.00 m	
1.7	Width of Available Row		
	a) Left side from center line towards increasing chainage/ km direction	As Per Drawing Attached	
	b) Right side from center line towards increasing chainage/ km direction	As Per Drawing Attached	
1.8	Proposal to lay the Water Pipe Line		
	a) Left side from center line towards increasing chainage/ km direction	Drawing enclosed	
	b) Right side from center line towards increasing chainage/ km direction	Drawing enclosed	
1.9	Proposal to acquire land		
	Left side from Center line	Nil	
	Right side from Center line	Nil	

  
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**HEAL, PIU, DINDIGUL**

S.No.	Item	Information/Status	Remarks
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not then where to lay the Water pipe Line	The Pipe Line shall be laid at the extreme end of Row.	
1.11	Details of already laid services, if any, along the proposed route	No	
1.12	Number of lanes (2/4/6/8 lanes) existing	2 lane with paved shoulders	
1.13	Proposed number of lanes (4 lane with paved shoulders /4/6/8 lanes)	2 lane with paved shoulders	
1.14	Services Road existing or not If yes, then which side	Nil	
	a) Left side from center line	NA	
	b) Right side from center line	NA	
1.15	Proposed service road	Nil	
	B) Left side from center line	NA	
	C) Right side from center line	NA	
1.16	Whether proposal to lay Pipe Line is after the services road or between the service road and main carriageway	Extreme End of NH Boundary	
1.17	The permission for laying Pipe Line shall be considered for approval / rejection	Considered for approval based on the Ministries circular	
	I. Where the ROW is more than 45mts then duct cable shall be laid at the edge of right of way within the utility corridor 2m width, duly keeping in view the future widening.	NA	
	II. Where the land is yet to be acquired for 4 laning and the position of new carriage has been decided than the Pipe Line shall be laid at the edge of way with in the utility corridor 2m width, on that side of existing carriageway where extra land is not proposed to be acquire for 4 laning.	NA	
	III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30m or less, a judicious decision would need be taken for permitting the laying of Pipe Line/duct. This could be within 1.5m to 2m utility corridor at the edge of existing ROW, dully keeping in view the possible widening plans.	NA	

  
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 NHAI, PIU, DINDIGUL



S.No.	Item	Information/Status	Remarks
	IV. Where the ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain.	NA	
1.18	No of applicants on the same stretch	First	
1.19	Whether the case of multiple license	Single License	
1.20	If so furnish a joint implementation program me to lay their respective ducts within stipulated time frame	NA	
1.21	If crossing of the road involved. If yes it shall be only be through trench-less technology	Yes	
2.0	Document / Drawings enclosed with the proposals	Yes	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.65m deep x 0.5m wide) should not be greater than 1.2m in width in multiple cable for HDD method.	Yes	
2.2	Cross section showing the size of pit and location of cable for HDD method.	NA	
2.3	Strip plane / route plane showing the Pipe Line, Chainage, width of ROW, distance of proposed, cable form the edge of ROW, important mild stone, intersection, cross drainage works etc.,	Yes, show in the diagram	
2.4	Methodology for laying of Pipe Line	Along the road- Trench method. Crossing the road- bore method. (Enclosed)	
2.4.1	Open trenching method. If yes methodology of refilling of trench.	Yes.	
2.4.2	Horizontal Direction Drilling (HDD) method	Yes	
2.4.3	Laying of Pipe Line through CD works	NA	
3.0	Draft license agreement signed by two witnesses	Yes	
4.0	Performance bank Guarantee	Would be obtained after approval of proposals	
4.1	Performance bank Guarantee as per ministry circular no. RW/NH-33044/29/2015-S&R@ (Pt) dated 22.11.2016 to be obtained @ Rs.250/- per meter length and Rs. 1,00,000/crossing.	Applicable at later date	

  
 Executive Engineer  
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 NHAI, PIU, DINDIGUL

S.No.	Item	Information/Status	Remarks
4.2	Confirmation of BG has been obtained as per NHAH guidelines	BG will be submitted as per NHAH guidelines	
5.0	Affidavit /undertaking from the applicant for	Yes	
5.1	Not to damage to other utility, if damaged then to pay the loses either to NHAH or to the concerned agency	Yes	
5.2	Renewal of BG	Yes: will be obtain after submission of BG	
5.3	Conforming all standard condition of NHAH's guidelines.	Yes	
5.4	Shifting of Pipe as and when required by NHAH	Yes	
5.5	Shifting due to 6 laning / widening of NH	Yes	
5.6	Indemnity against all damages and claims clause(xxiv)	Yes	
6.0	Power of Attorney in favour of authorized signatory	Nil	
7.0	Copy of DOT license	Nil	
8.0	Certificate from the project Director	Yes	
8.1	Certificate for the conforming of all standard conditions vide Ministry circular No: RW/NH-33044/17/2000-S&R dated 29.09.2000, NHAH's guidelines issued vide Letter No. NHAH/OEC/2K/ Vol.11 dated 07.11.2000 and Ministry circular No: RW/NH-33044/27/2000-S&R dated 21.03.2006, Ministry guidelines Lr.no. RW/NH-33044/ 27/2005-S&R(R) dated 21.09.2010, ministry circular No: RW/NH-33044/27/2005-S&R(R)(Pt)dated 6.08.2013 Ministry circular No: RW/NH-33044/29/2015-S&R(Pt) Dated 22.11.16	Enclosed	
8.2	Certificate for 6-Laning Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the location". In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed 6 Laning.	Enclosed	
9.0	The agreement fee of Rs.1 shall be charged	Yes	

  
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**TWAD Board, RWS Division**  
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**NHAH, PIU, DINDIGUL**

S.No.	Item	Information/Status	Remarks
10	If NH proposed section to be taken up by NHAI on BOT basis a clause in Para 17 to be inserted in the agreement, "The permanent highway on which licensee has been granted the right of way to the concessionaire under the concession agreement for up gradation of (NH-183) Dindigal - Theni - Kumily Road Section Along the Road 350 mm Ø DI Pipe K.M. 84/175 to 84/250 (LHS), K.M. 84/250 to 96/025 (RHS) & Road Crossing K.M.84/250 Theni District, Tamilnadu State.	NA	
11	Who will supervise the work of laying of Pipe Line	Independent Engineer appointed by NHAI & <b>THE EXECUTIVE ENGINEER,</b> TWAD Board, RWS Division, No.2, NRT Main Road, NRT Nagar, Theni-625 531.	
12	Who will ensure that the defect in road portion after laying of Pipe Line area corrected and if not corrected then what action will be taken	Independent Engineer appointed by NHAI & <b>THE EXECUTIVE ENGINEER,</b> TWAD Board, RWS Division, No.2, NRT Main Road, NRT Nagar, Theni-625 531.	
13	Who will pay the claims for damages done/disruption in working of concessionaire, if asked by the concessionaire.	<b>THE EXECUTIVE ENGINEER,</b> TWAD Board, RWS Division, No.2, NRT Main Road, NRT Nagar, Theni-625 531.	
14	A certificate for PD that he will enter the proposed permission in the register of record of the permissions in the prescribed Performa issued vide ministry circular No: RW/NH-33044/17/2000-S&R, Dated. 06.08.2013 and 33044/29/2015-S&R@ Dated 22.11.2016	Enclosed	
15.	If any previous approval is accorded for laying of cable then photocopy of register of records of permission accorded as maintained by PD per ministry circular No: RW/NH-33044/17/2000-S&R(R) (Pt) dated 06.08.2013 and 33044/29/2015-S&R@ (Pt) dated 22.11.2016 as referred in Para 13 above is enclosed or not.	NA	

  
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**TWAD Board, RWS Division**  
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**NHAI, PII, DINDIGUL**

**Annexure II**

- A. Codes/ publications for guidance on design of Horizontal Directional Drilling crossing for Petroleum Pipelines.**
- a) Oil Industry Safety Directorate Code: IOSD Code-141.
  - b) American Gas Association PR-227-9424 "Installation of Pipelines by Horizontal Directional Drilling an Engineering Design Guide".
  - c) American Society of Civil Engineering Practice No.89 — "Pipeline Crossings Handbook".
  - d) Directional Crossing Contractors Association publications "Guidelines for a Successful Directional Crossing Bid Package", "Directional Crossing Survey Standards" and "Guidelines for Successful Mid-Sized Directional Drilling Projects."
- B. Safety precautions and plan to be submitted along with the proposal for HDD crossings:**
- a) Before taking up the HDD work, area to be scanned by suitable methods like GPR to locate all underground utilities. Accordingly, crossing plan and profile drawings to be developed showing all pipelines, utilities, cables and structures that cross the drill path, are parallel to and within 30m of the drill path and that are within 30m of the drilling operation, including mud pits and bore pits.
  - b) Damage prevention plan to reduce or avoid the likelihood of damage to adjacent underground facilities, including pipelines; utilities, cables and other subsurface structures considering the accuracy of the method in locating existing structures and in tracking the position of the pilot string during drilling. Consideration should be given to having an auxiliary location system to include manual excavation to ensure that the drilling bit or reamer is following the projected path and does not encroach upon crossing or parallel lines. The damage prevention plan should include provision for sending notification to all affected parties.
  - c) Safety plan to include contingency plans in the event the drilling string impacts subsurface facilities and identify facilities and resources to be utilized in the event of an emergency or any personnel injuries. The safety plan shall be reviewed on site with all construction personnel prior to the commencement of drilling operations.
  - d) Plan for containment and disposal of drilling fluids, if used.
  - e) Hydrostatic test plan that should consider testing of the fabricating string(s) prior to installing the crossing.
  - f) Testing plan be agreed upon the measures like Cathodic protection, periodic inspection be outlined and Supplementary extra thickness of pipe be ensured to compensate for corrosion.
  - g) Pipeline laying agencies to submit annual certificates of inspection after laying.

  
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**TWAD Board, RWS Division**  
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**NHAL, PIU, DINDIGUL**

**CERTIFICATE**

Certified that

This proposal when implemented will not affect the design stability and Traffic Safety of Highway.

This proposal if implemented now will not affect any likely future improvements such as improvements to Geometric.

There is no proposal for improvements in this stretch likely to be sanctioned near future.

The proposal is in accordance with the Government of India's specifications.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**DISTANCE CHART FOR THE PROPOSALS FOR PROVIDING UNDERGROUND WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

S.NO	CHAINAGE	MEDIAN	BT FROM C/L ROAD (in Mts)		PAVED SHOULDER FROM C/L ROAD (in Mts)		EARTHEN BERMS FROM C/L ROAD (in Mts)		BOUNDARY FROM C/L ROAD (in Mts)		C/C TO PROPOSED WATER LINE (in Mts)		REMARKS
			LHS	RHS	LHS	RHS	LHS	RHS	LHS	RHS	LHS	RHS	
01	83/900 to 84/175	----	3.50	3.50	5.00	5.00	6.00	6.00	15.00	15.00	----	----	No Water Pipe Line
02	84/175	----	3.50	3.50	5.00	5.00	6.00	6.00	15.00	15.00	14.00	----	LHS - Water Pipe Line Start Point
03	84/200	----	3.50	3.50	5.00	5.00	6.00	6.00	15.00	15.00	14.00	----	LHS - Water Pipe Line
04	84/250	----	3.50	3.50	5.00	5.00	6.00	6.00	15.00	15.00	14.00	14.00	Road Crossing-1 L-28.00 m
05	84/250 to 88/900	----	3.50	3.50	5.00	5.00	6.00	6.00	15.00	15.00	----	14.00	RHS - Water Pipe Line
06	89/000 to 94/200	----	3.50	3.50	5.00	5.00	6.00	6.00	18.00	28.00	----	27.00	RHS - Water Pipe Line
07	94/300 to 94/500	3.00	8.50	8.50	10.00	10.00	11.00	11.00	36.00	34.00	----	23.00	RHS - Water Pipe Line
08	94/600 to 96/000	----	3.50	3.50	5.00	5.00	6.00	6.00	36.00	34.00	----	23.00	RHS - Water Pipe Line
09	96/025	----	3.50	3.50	5.00	5.00	6.00	6.00	36.00	24.00	----	23.00	RHS - Water Pipe Line End Point
10	96/100 to 96/300	----	3.50	3.50	5.00	5.00	6.00	6.00	36.00	24.00	----	----	No Water Pipe Line

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
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From: 1-4-2023 To: Current Date

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View Guideline value for:

Street  Survey Number  Composite Value

Select Criteria :

Category Wise  Survey Number Wise

Zone:\*  
Madurai

Sub Registrar Office:\*  
Chinnamanur

Registration Village:\*  
Kottur

Land Category\*  
Wet Abutting National Highways Ty

Search Reset

Search Criteria :

Zone:	MADURAI	Sub Registrar Office:	CHINNAMANUR
Guideline Village:	KOTTUR	Revenue Village:	KOTTUR
Revenue District:	THENI	Revenue Taluka:	THENI

Below Search results are as on 27-Mar-2024 01:15 PM

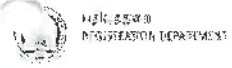
244 items found, displaying 1 to 10.

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.C. Download
1	583/1B	510000/ Acre	1260500/ Hectare	Wet Abutting National Highways Type - II	01-Apr-2023	-
2	590	510000/ Acre	1260500/ Hectare	Wet Abutting National Highways Type - II	01-Apr-2023	-
3	592/1	510000/ Acre	1260500/ Hectare	Wet Abutting National Highways Type - II	01-Apr-2023	-
4	592/2	510000/ Acre	1260500/ Hectare	Wet Abutting National Highways Type - II	01-Apr-2023	-
5	592/3	510000/ Acre	1260500/ Hectare	Wet Abutting National Highways Type - II	01-Apr-2023	-
6	593/1	510000/ Acre	1260500/ Hectare	Wet Abutting National Highways Type - II	01-Apr-2023	-
7	593/2	510000/ Acre	1260500/ Hectare	Wet Abutting National Highways Type - II	01-Apr-2023	-
8	593/3A	510000/ Acre	1260500/ Hectare	Wet Abutting National Highways Type - II	01-Apr-2023	-
9	593/3B	510000/ Acre	1260500/ Hectare	Wet Abutting National Highways Type - II	01-Apr-2023	-
10	594	510000/ Acre	1260500/ Hectare	Wet Abutting National Highways Type - II	01-Apr-2023	-

*Phu*  
12/09/2024  
Executive Engineer  
Tamil Nadu Revenue Department







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From: 1-4-2023 To: Current Date

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Street  Survey Number  Composite Value

Select Criteria :

Category Wise  Survey Number Wise

Zone:\*

Sub Registrar Office:\*

Registration Village:\*

Land Category\*

Search Reset

Search Criteria :

Zone: MADURAI Sub Registrar Office: CHINNAMANUR  
 Guideline Village: CHINNAMANUR Revenue Village:  
 Revenue District: Revenue Tahika:

Below Search results are as on 01-Apr-2024 08:32 PM

197 items found, displaying 1 to 10

Sr.No.	Survey/Subdivision No.	Guideline Value (₹) (British Value)	Guideline Value (₹) (Metric Value)	Land Classification	Effective Start Date	G.O.Download
1	1020/1	640000/ Acre	1581500/ Hectare	Wet Abutting Other Roads And Railway Lines Type - I	01-Apr-2023	-
2	1020/4	640000/ Acre	1581500/ Hectare	Wet Abutting Other Roads And Railway Lines Type - I	01-Apr-2023	-
3	1031/2	640000/ Acre	1581500/ Hectare	Wet Abutting Other Roads And Railway Lines Type - I	01-Apr-2023	-
4	1062/1	640000/ Acre	1581500/ Hectare	Wet Abutting Other Roads And Railway Lines Type - I	01-Apr-2023	-
5	1062/2	640000/ Acre	1581500/ Hectare	Wet Abutting Other Roads And Railway Lines Type - I	01-Apr-2023	-
6	1062/3	640000/ Acre	1581500/ Hectare	Wet Abutting Other Roads And Railway Lines Type - I	01-Apr-2023	-
7	1063/2	640000/ Acre	1581500/ Hectare	Wet Abutting Other Roads And Railway Lines Type - I	01-Apr-2023	-
8	1065/2	640000/ Acre	1581500/ Hectare	Wet Abutting Other Roads And Railway Lines Type - I	01-Apr-2023	-
9	1066/3	640000/ Acre	1581500/ Hectare	Wet Abutting Other Roads And Railway Lines Type - I	01-Apr-2023	-
10	1070/1	640000/ Acre	1581500/ Hectare	Wet Abutting Other Roads And Railway Lines Type - I	01-Apr-2023	-

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12/12/2024  
 Executive Engineer  
 TWAD Board, RWS Division  
 Thoothukudi

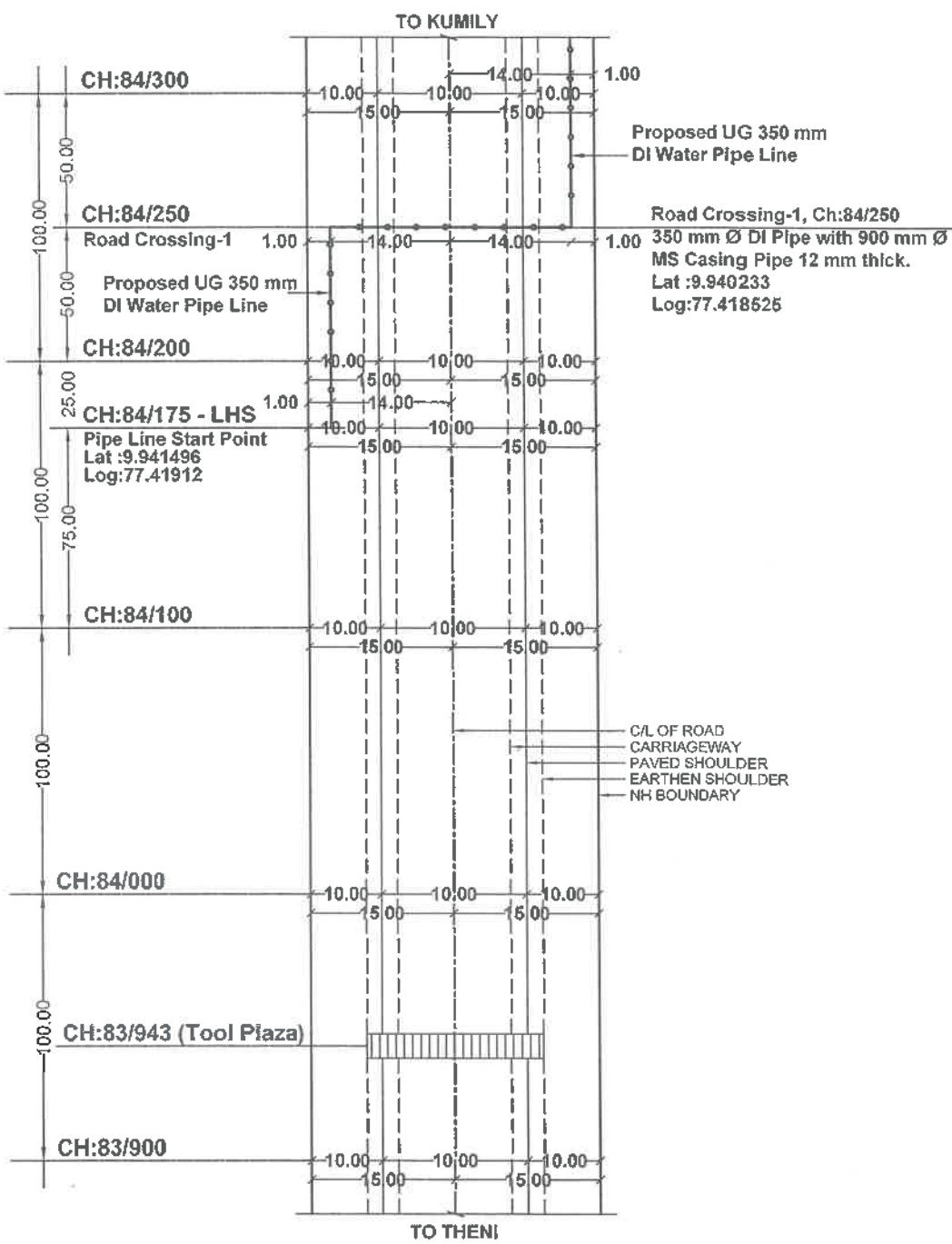
LICENSEE FEES (Rs/Sqm/month) (NH-183)												
[Utilized NH Land area x prevailing Circle Rate of Land per unit area X 1.5%]												
S.NO	CHAINAGE IN KM		SIDE	LENGTH (METERS)	PIPE MATERIAL	DIA OF THE PIPE			UTILIZED NH LAND AREA (Sqm)	PREVAILING CIRCLE RATE OF LAND PER UNIT AREA (Rs)	PUBLIC UTILITY (Rs)	ABUTTING VILLAGE
	FROM	TO				MM	M	D				
I ALONG THE ROAD												
[D x L]												
1	84.175	84.250	LHS	75	DI	350	0.350	26.25	₹ 126.06	₹ 49.64	Upparpatti / Kottur	
2	84.250	84.783	RHS	533	DI	350	0.350	186.55	₹ 126.06	₹ 352.75	Upparpatti / Kottur	
3	84.783	89.233	RHS	4450	DI	350	0.350	1557.50	₹ 126.06	₹ 2,945.08	Kottur	
4	89.233	93.123	RHS	3890	DI	350	0.350	1361.50	₹ 126.05	₹ 2,574.26	Seelayampatti	
5	93.123	96.025	RHS	2902	DI	350	0.350	1015.70	₹ 158.15	₹ 2,409.49	Chinnamanur	
<b>TOTAL VALUE (FOR ALONG)</b>										<b>₹ 8,331.21</b>		
II CROSSINGS												
1	Km 84.250		ACROSS	28	MS	900	0.90	25.20	₹ 126.06	₹ 47.65	Upparpatti / Kottur	
<b>TOTAL VALUE (FOR CROSSINGS)</b>										<b>₹ 47.65</b>		
<b>Total License Fee for Public Utility for 1 Year (ALONG ROAD)</b>										<b>₹ 8,331.21</b>		
<b>Total License Fee for Public Utility for 1 Year (ACROSS ROAD)</b>										<b>₹ 47.65</b>		
<b>Grand Total License Fee for Public Utility for 1 Year (ALONG ROAD + ACROSS ROAD)</b>										<b>₹ 8,379</b>	<b>(Minimum Fees Rs.19000/-)</b>	
License For Public Utility for 1 Year										₹ 10,000		
License For Public Utility for 2 Year										₹ 10,600		
License For Public Utility for 3 Year										₹ 11,236		
License For Public Utility for 4 Year										₹ 11,910		
License For Public Utility for 5 Year										₹ 12,625		
<b>Grand Total License For Public Utility for 5 Year</b>										<b>₹ 56,371</b>		

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

BANK GUARANTEE (Rs/Sqm/month) (NH-183)															
CALCULATIONS REG. THE AMOUNT FOR SECURITY @ Rs. 100 & 250 METER AND Rs. 1Lakh / CROSSING															
S.NO	CHAINAGE IN KM			SIDE	LENGTH (METERS)	PIPE MATERIAL			DIA OF THE PIPE		Rs. 100 & 250/- Meter	Amount	Rs. 1/- Lakh/ Crossing	Total Amount	
	FROM	TO	KM			mm	m	D	D						
	KM	KM	(L)			D	D	(RS)							
<b>I ALONG THE ROAD</b>															
1	84.175	84.250		LHS	75	DI	350	0.350	250	18,750	NA	₹	18,750	₹	18,750
2	84.250	84.783		RHS	533	DI	350	0.350	250	1,33,250	NA	₹	1,33,250	₹	1,33,250
3	84.783	89.233		RHS	4450	DI	350	0.350	250	11,12,500	NA	₹	11,12,500	₹	11,12,500
4	89.233	93.123		RHS	3890	DI	350	0.350	250	9,72,500	NA	₹	9,72,500	₹	9,72,500
5	93.123	96.025		RHS	2902	DI	350	0.350	250	7,25,500	NA	₹	7,25,500	₹	7,25,500
<b>TOTAL VALUE (FOR ALONG)</b>												₹	<b>29,62,500</b>	₹	<b>29,62,500</b>
<b>II CROSSINGS AT</b>															
1	Km 148.075			ACROSS	28.00	MS	900	0.90	250	7,000	₹	1,00,000	₹	1,07,000	
<b>TOTAL VALUE (FOR CROSSINGS)</b>												₹	<b>7,000</b>	₹	<b>1,07,000</b>
Total Bank Guarantee for Public Utility (ALONG ROAD)												₹	<b>29,62,500</b>	₹	<b>29,62,500</b>
Total Bank Guarantee for Public Utility (ACROSS ROAD)												₹	<b>1,07,000</b>	₹	<b>1,07,000</b>
<b>Grand Total Bank Guarantee for Public Utility (ALONG ROAD+ACROSS ROAD)</b>												₹	<b>30,69,500</b>	₹	<b>30,69,500</b>

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



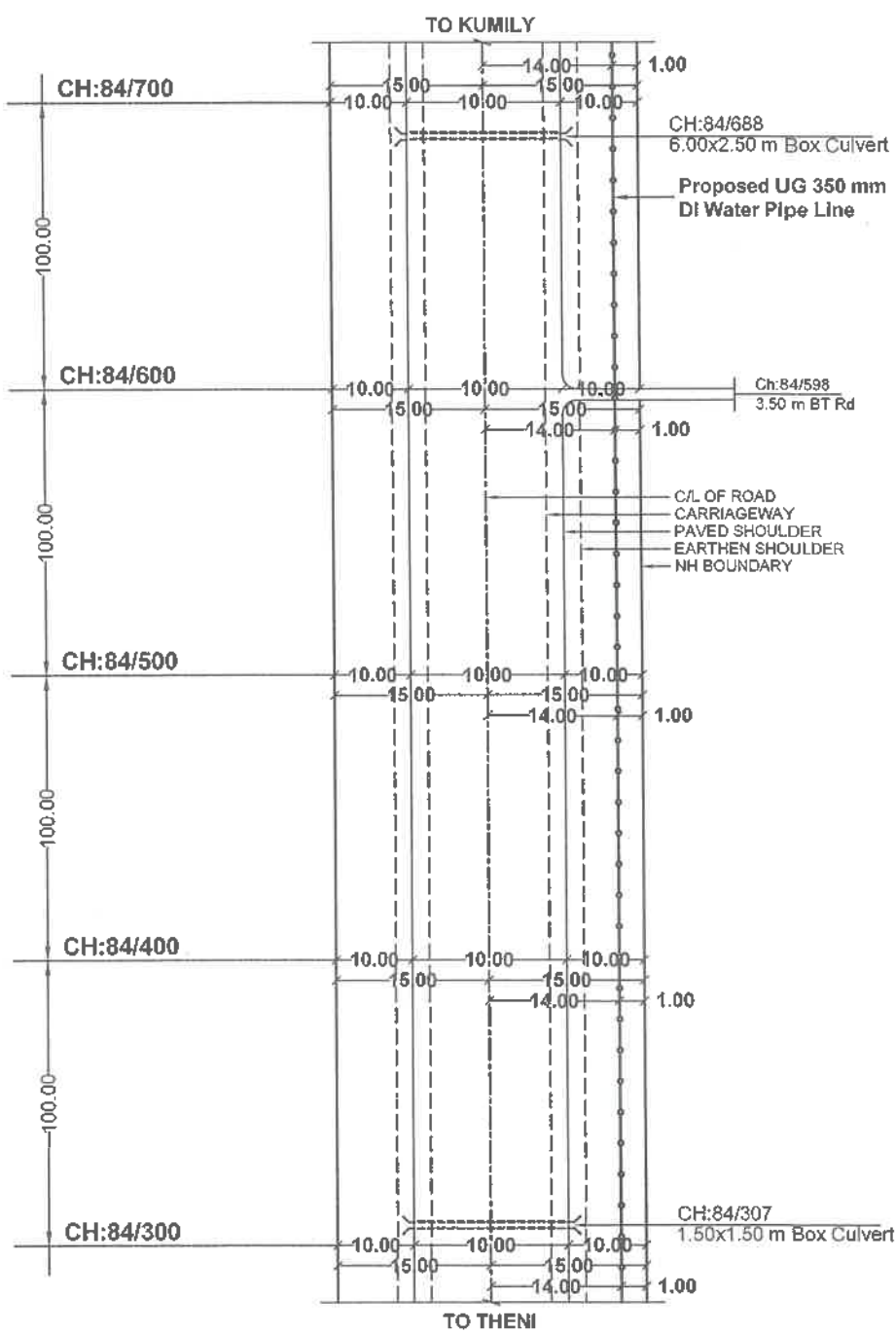
<b>LEGEND :</b> — NH BOUNDARY LINE — BLACK TOP - - - - - BERM - - - - - CENTER LINE OF ROAD —○— PROPOSED WATER LINE —//— CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	01
	Y - 1: 2500	

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

  
**DGM (T) & PROJECT DIRECTOR**  
**NHAL, PIU, DINDIGUL**



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

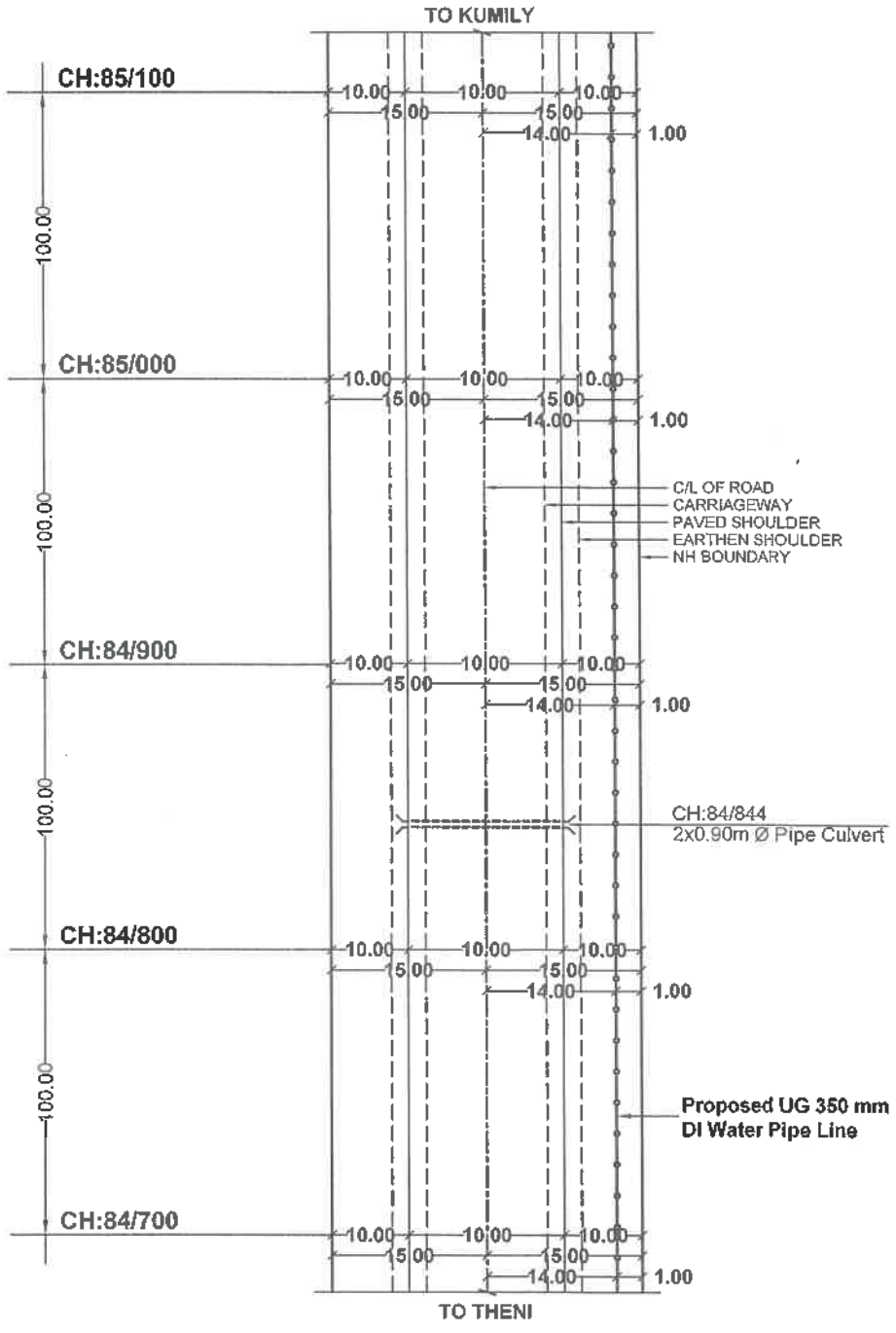


<b>LEGEND :</b> — NH BOUNDARY LINE — BLACK TOP - - - BERM - - - CENTER LINE OF ROAD	PROPOSED WATER LINE CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
		SCALE	SHEET NO
		X - NTS	02
		Y - 1: 2500	

*[Signature]*  
 12/04/2024  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

*[Signature]*  
**BGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

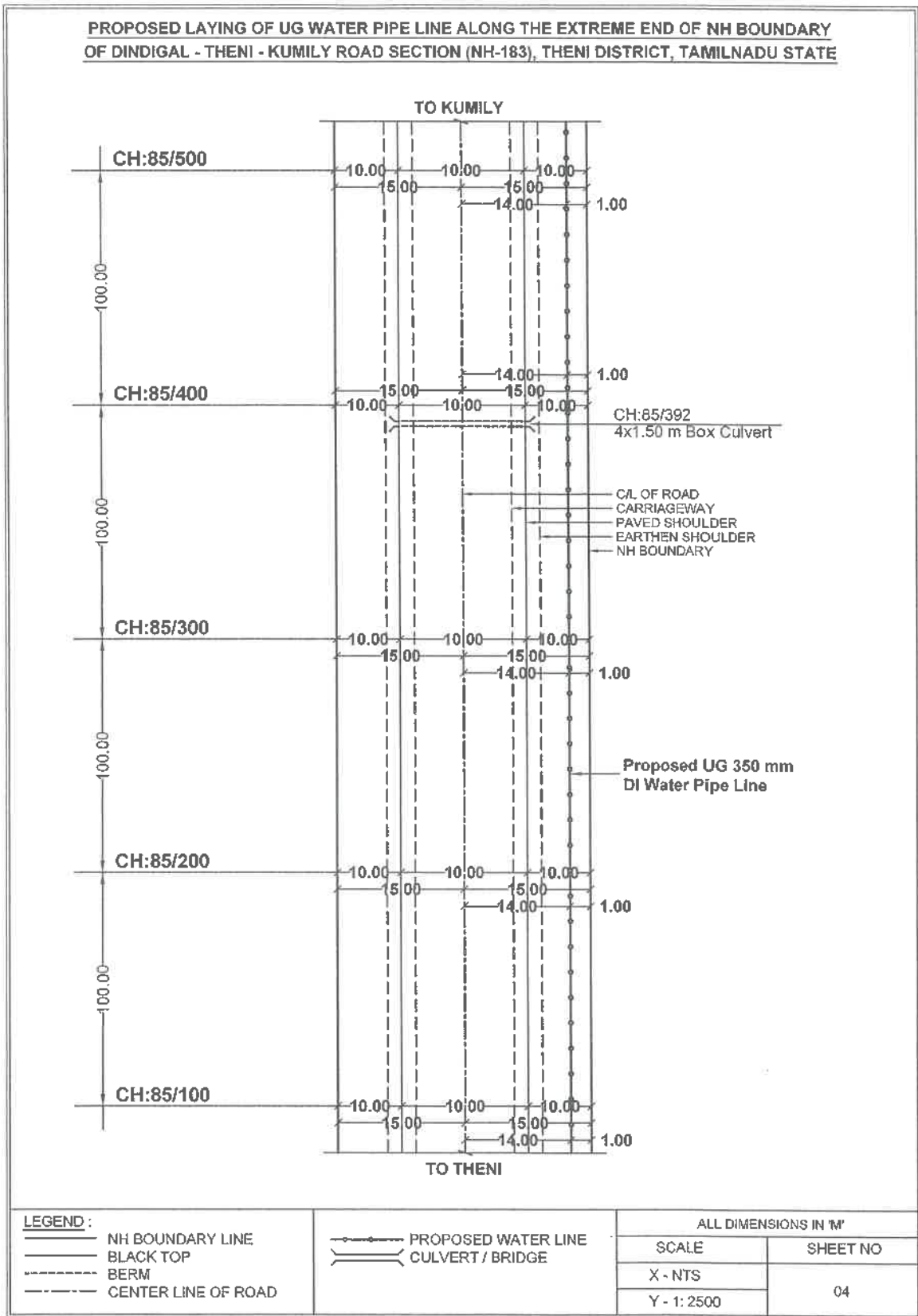


<b>LEGEND :</b> NH BOUNDARY LINE BLACK TOP BERM CENTER LINE OF ROAD PROPOSED WATER LINE CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	03
	Y - 1: 2500	

*Ch*  
12/04/2024  
**Executive Engineer**  
TWAD Board, RWS Division  
Theni.

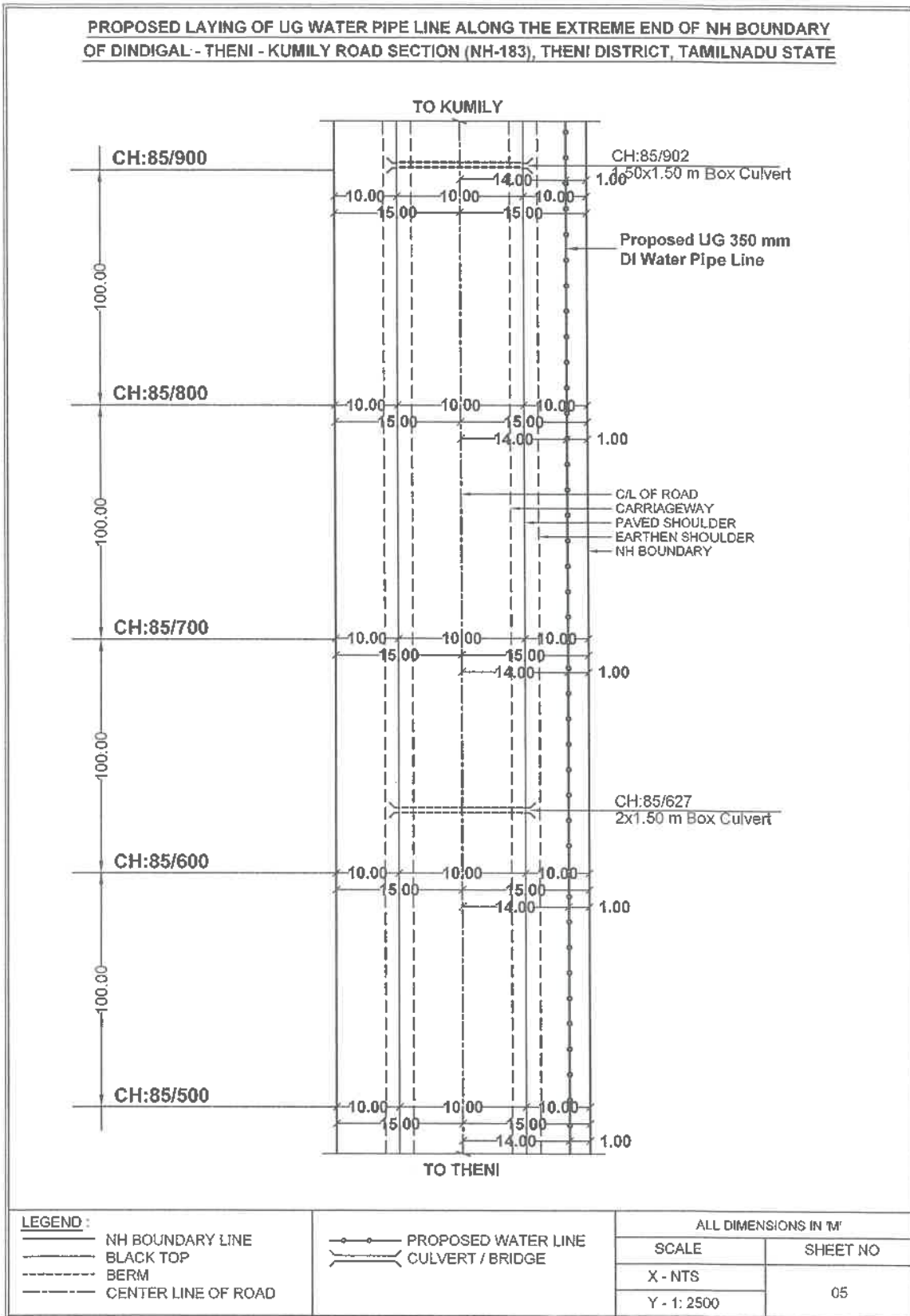
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**DGM (T) & PROJECT DIRECTOR**  
NHAI, PIU, DINDIGUL





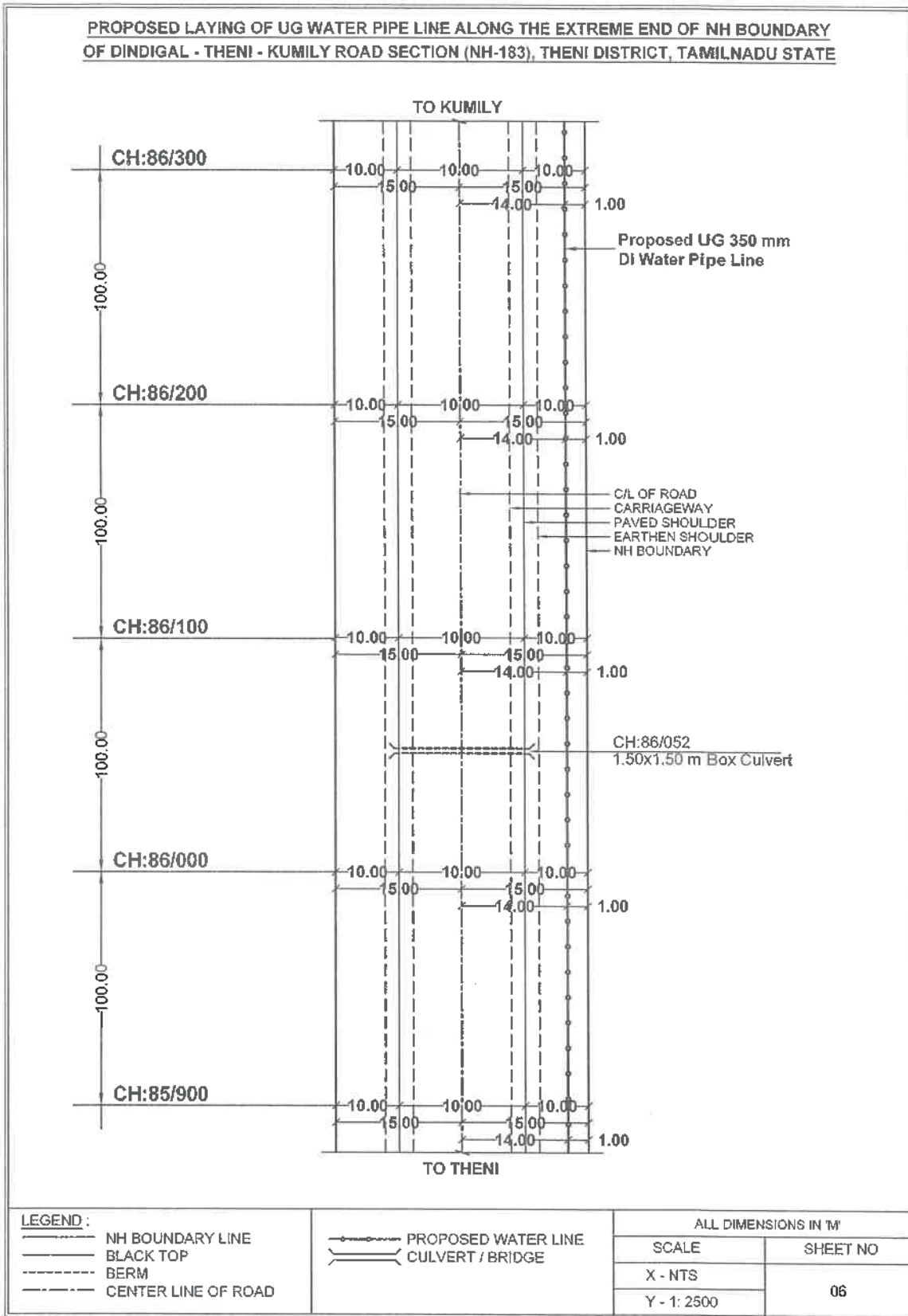
Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

DGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL



**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

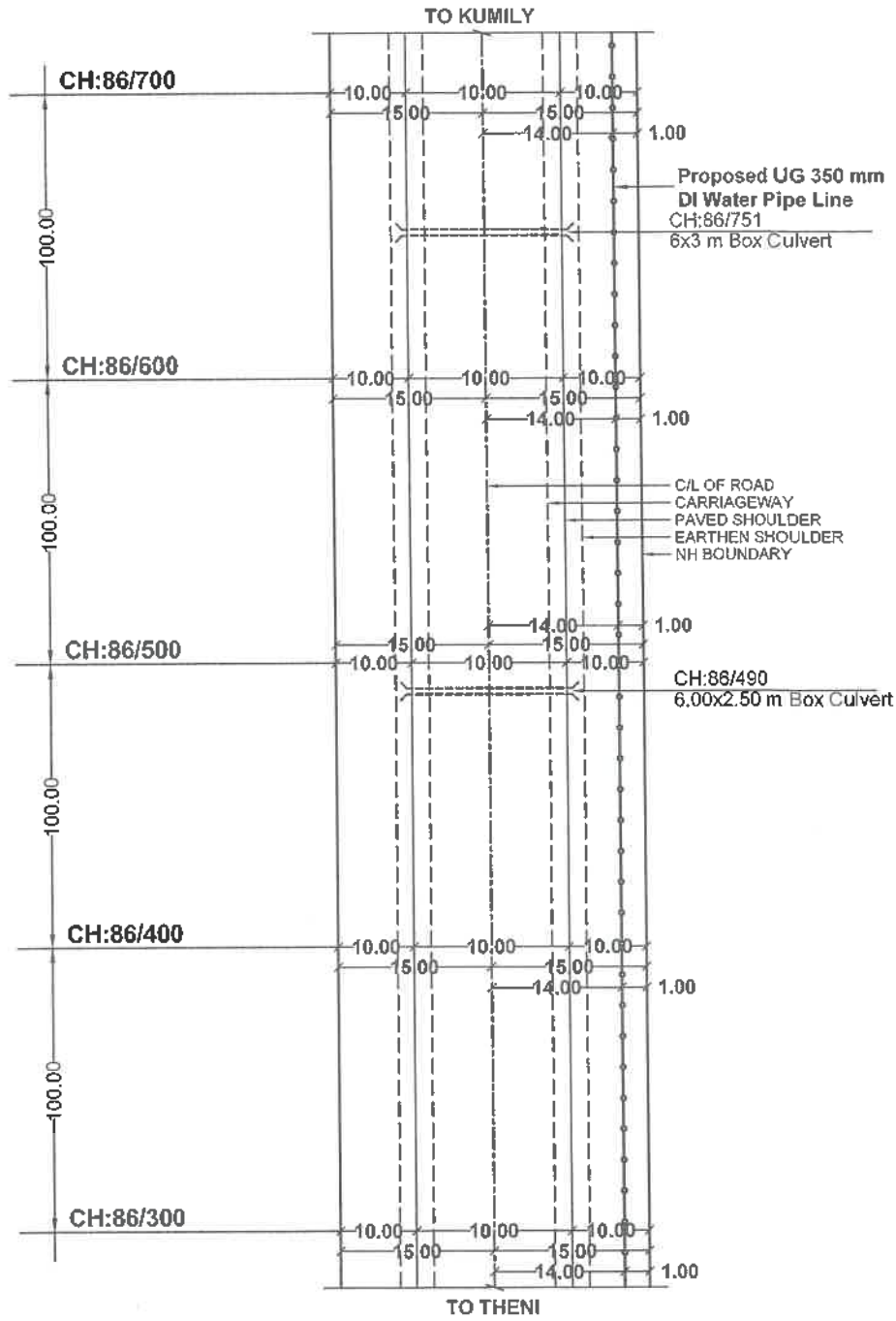
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL



Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

BGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

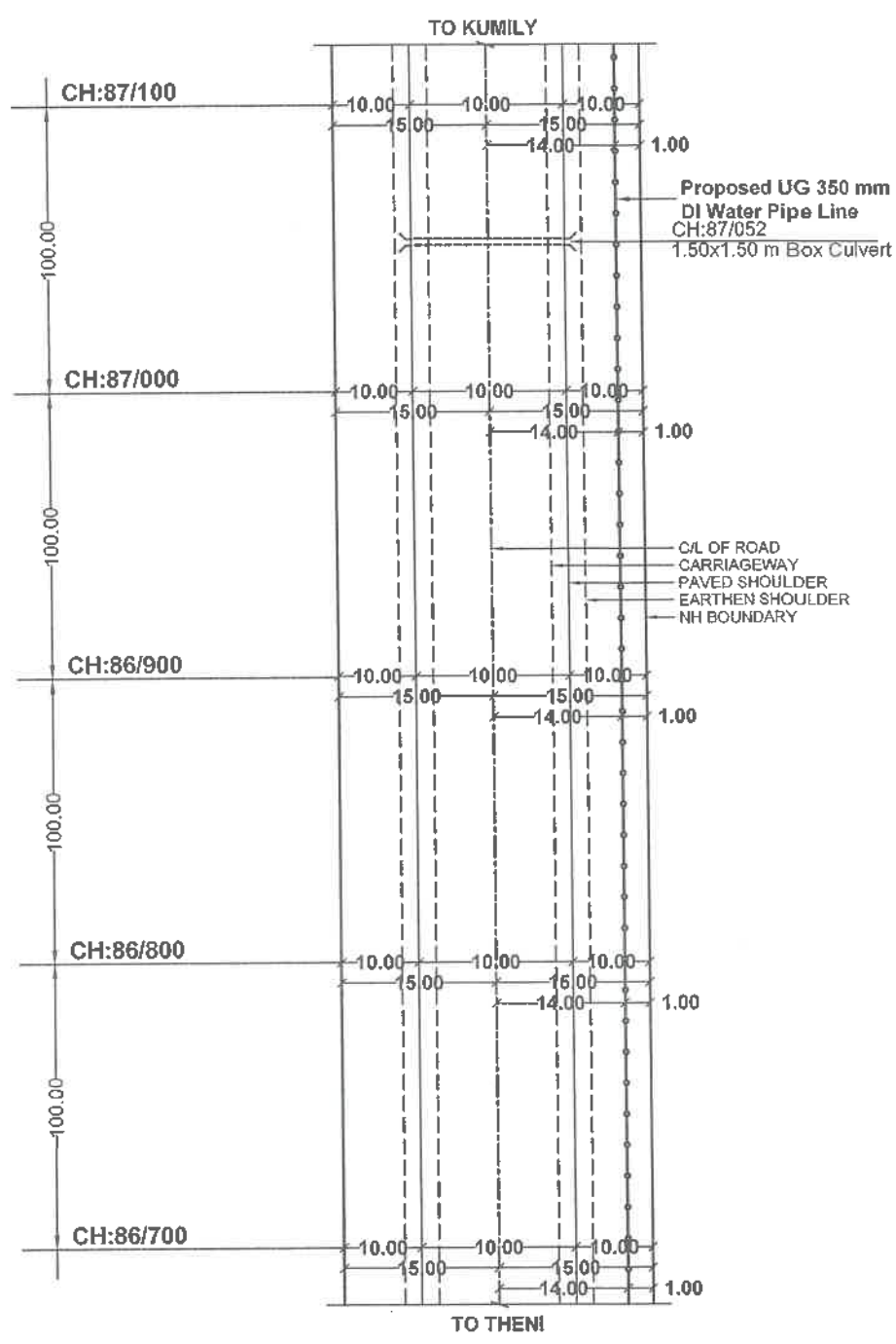
	PROPOSED WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	07
Y - 1: 2500	

*[Signature]*  
 Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

*[Signature]*  
 BGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

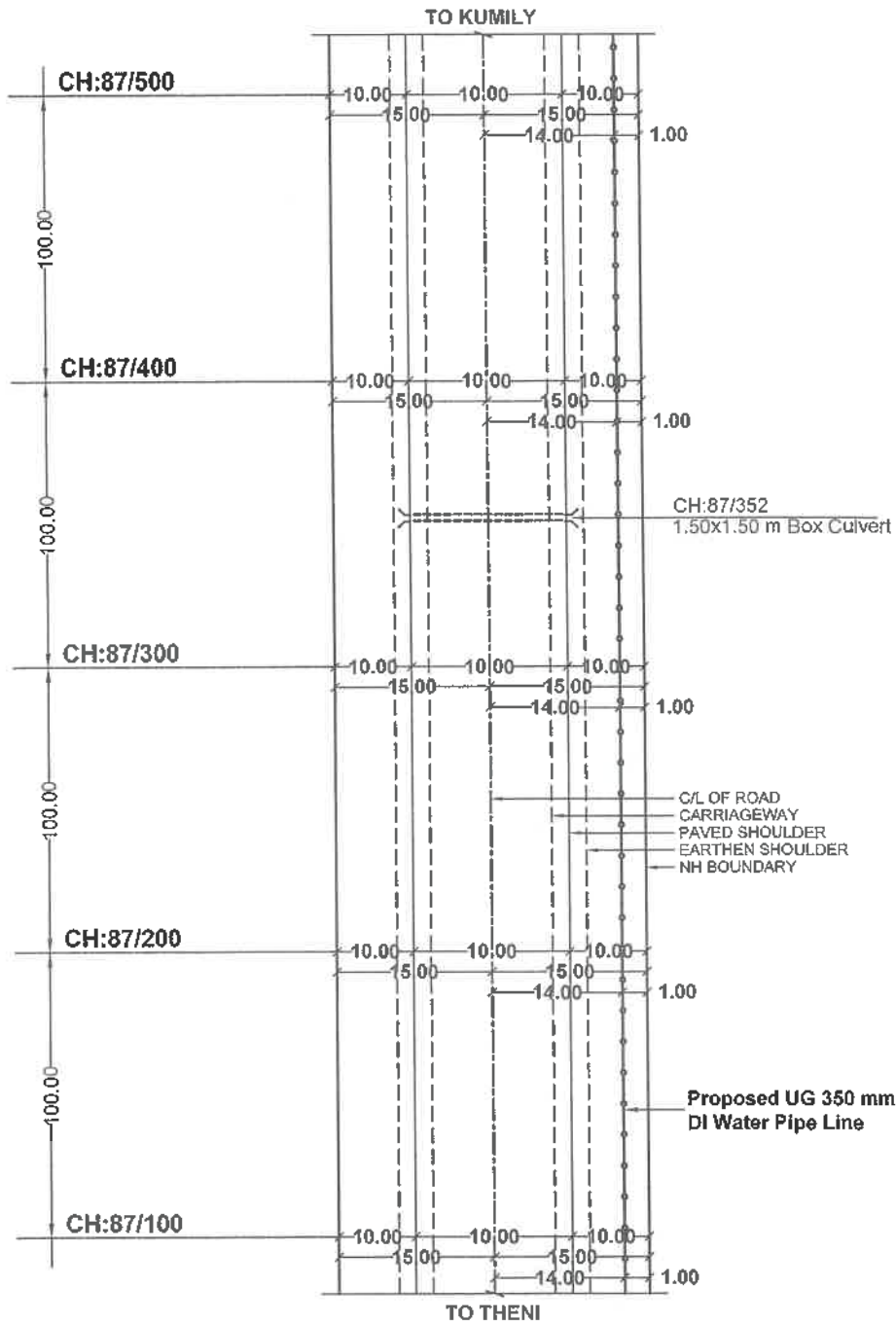


<b>LEGEND :</b> NH BOUNDARY LINE BLACK TOP BERM CENTER LINE OF ROAD	PROPOSED WATER LINE CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
		SCALE	SHEET NO
		X - NTS	08
		Y - 1: 2500	

12/09/2024  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**DGM (T) & PROJECT DIRECTOR**  
**RR&I, PIU, DINDIGUL**

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'

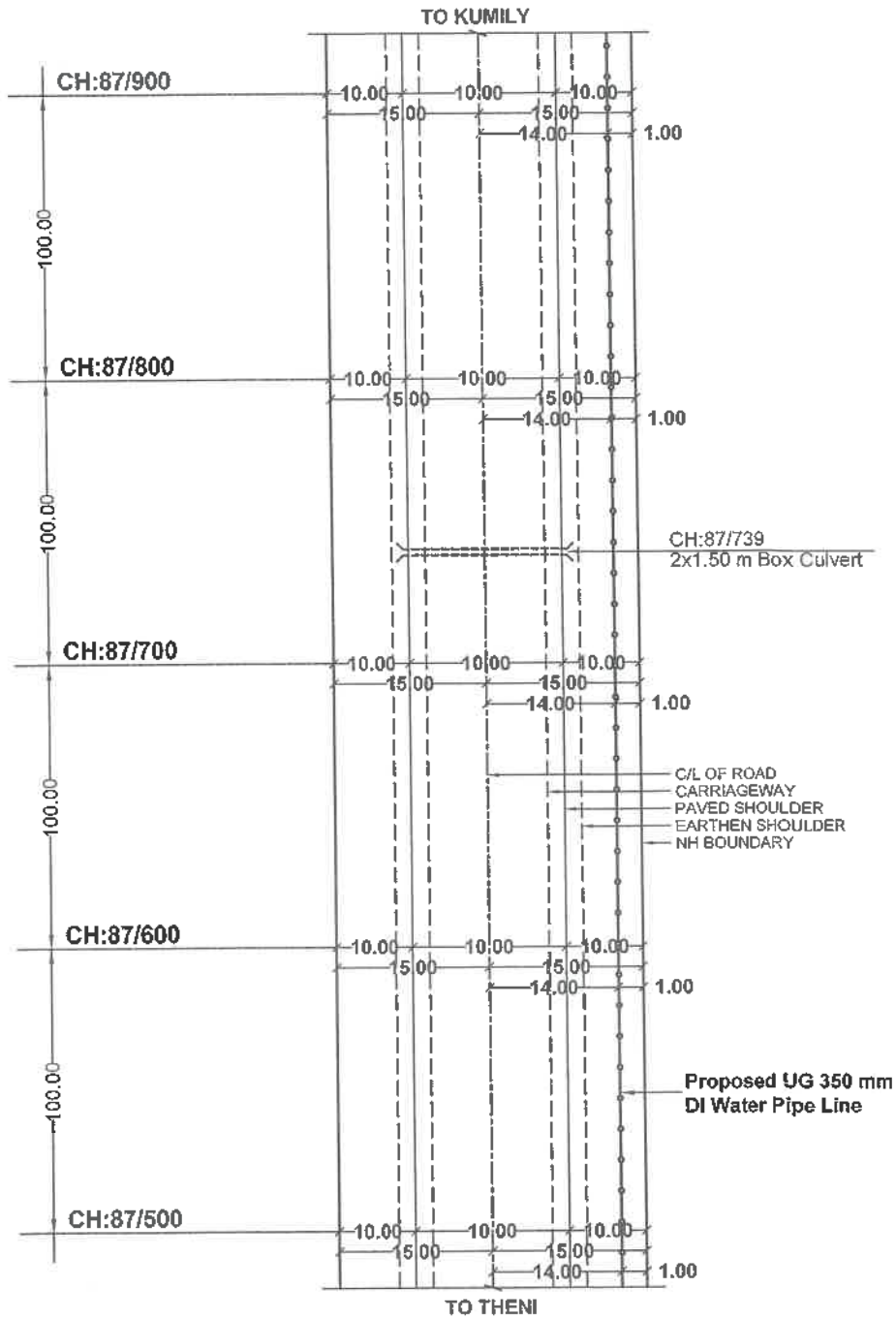
SCALE	SHEET NO
X - NTS	09
Y - 1: 2500	

*[Signature]*  
 12/04/2024  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
**EMAL, PIU, DINDIGUL**



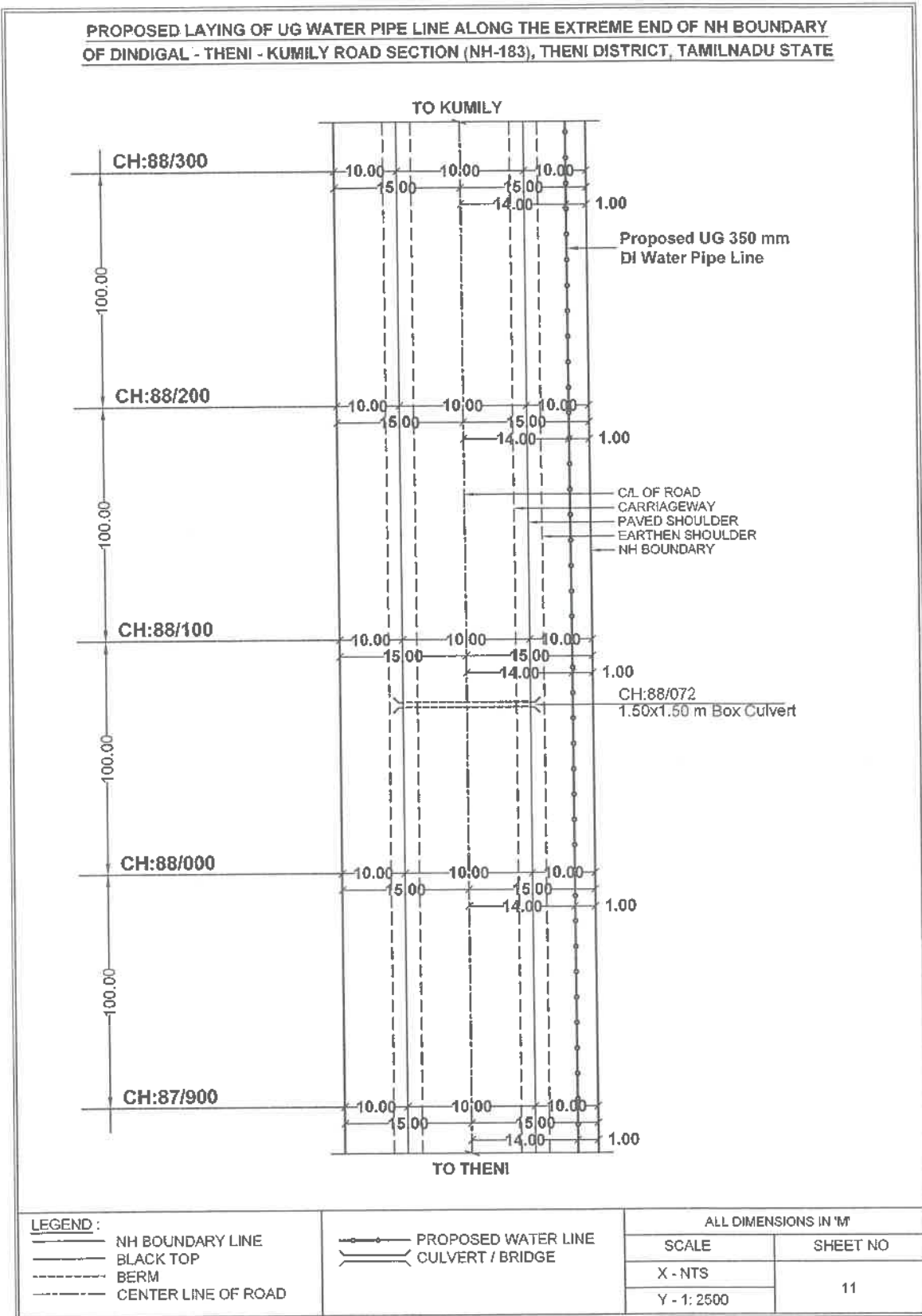
**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



<b>LEGEND :</b> — NH BOUNDARY LINE — BLACK TOP - - - - - BERM - - - - - CENTER LINE OF ROAD ——— PROPOSED WATER LINE ——— CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	10
	Y - 1: 2500	

*[Signature]*  
 12/04/2024  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

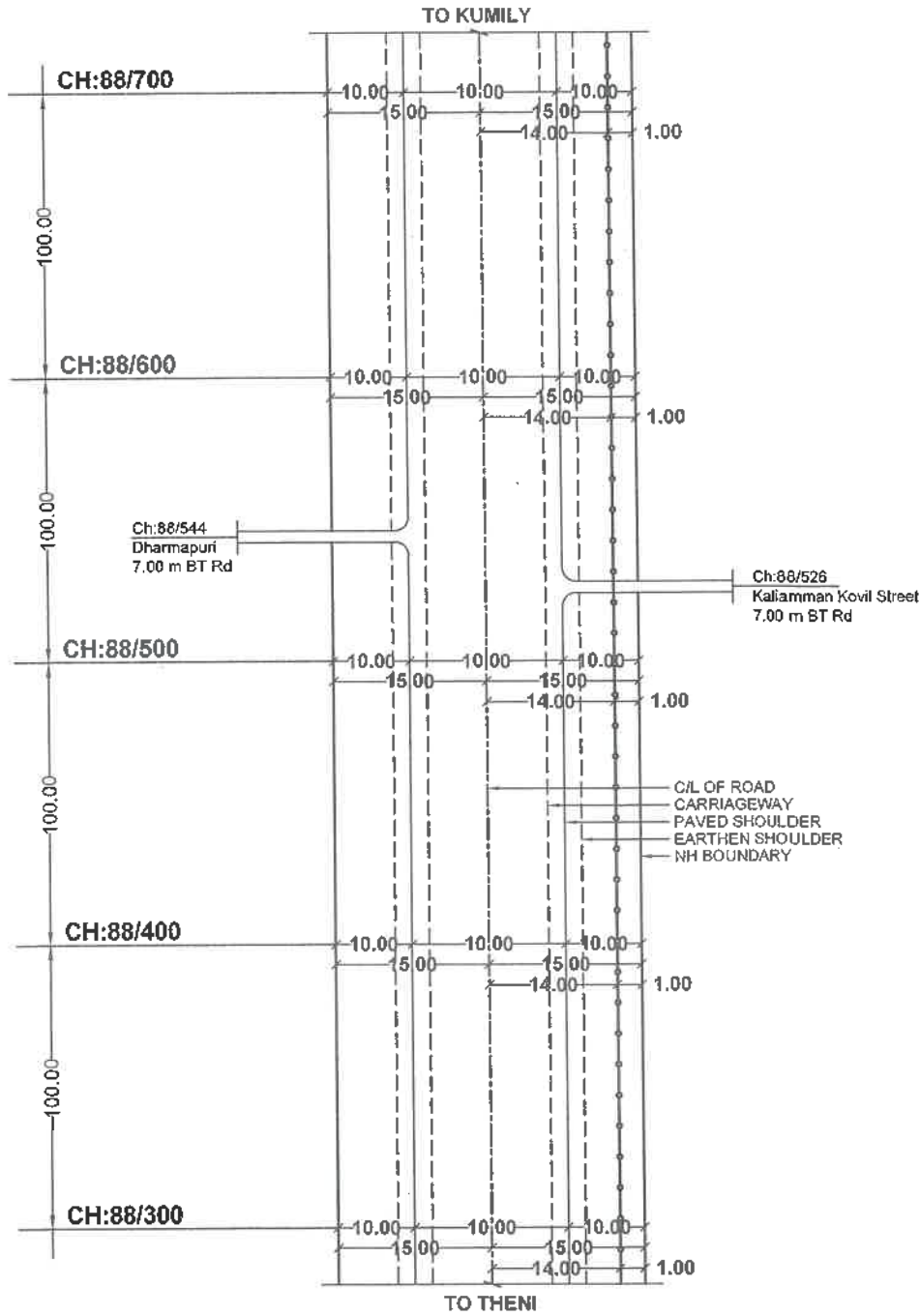
*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
**KHAL, PIU, DINDIGUL**



  
 Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

  
 DGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

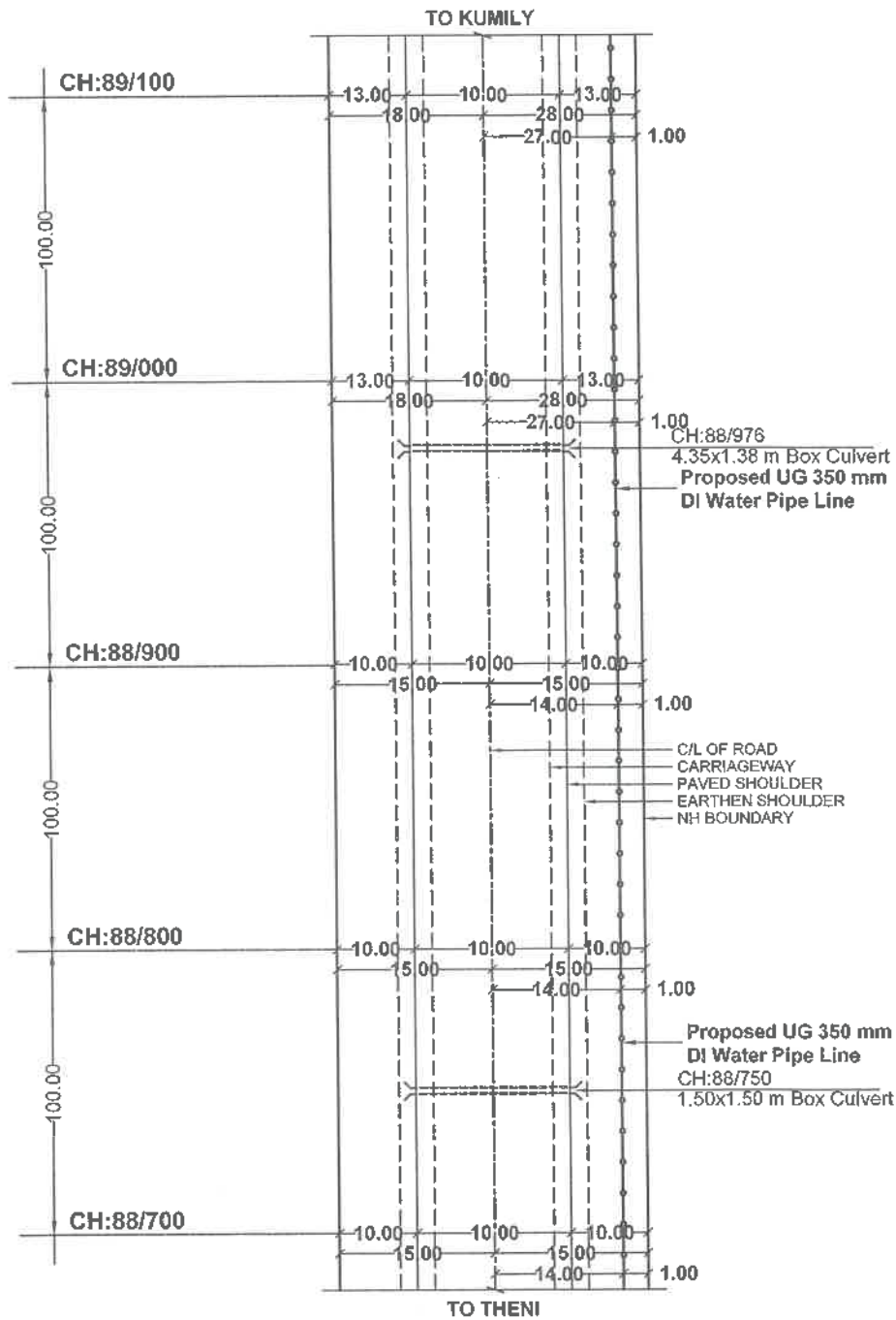


<b>LEGEND :</b> — NH BOUNDARY LINE — BLACK TOP - - - - - BERM - - - - - CENTER LINE OF ROAD —○— PROPOSED WATER LINE ——— CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	12
	Y - 1: 2500	

*[Signature]*  
 12/12/2024  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL**

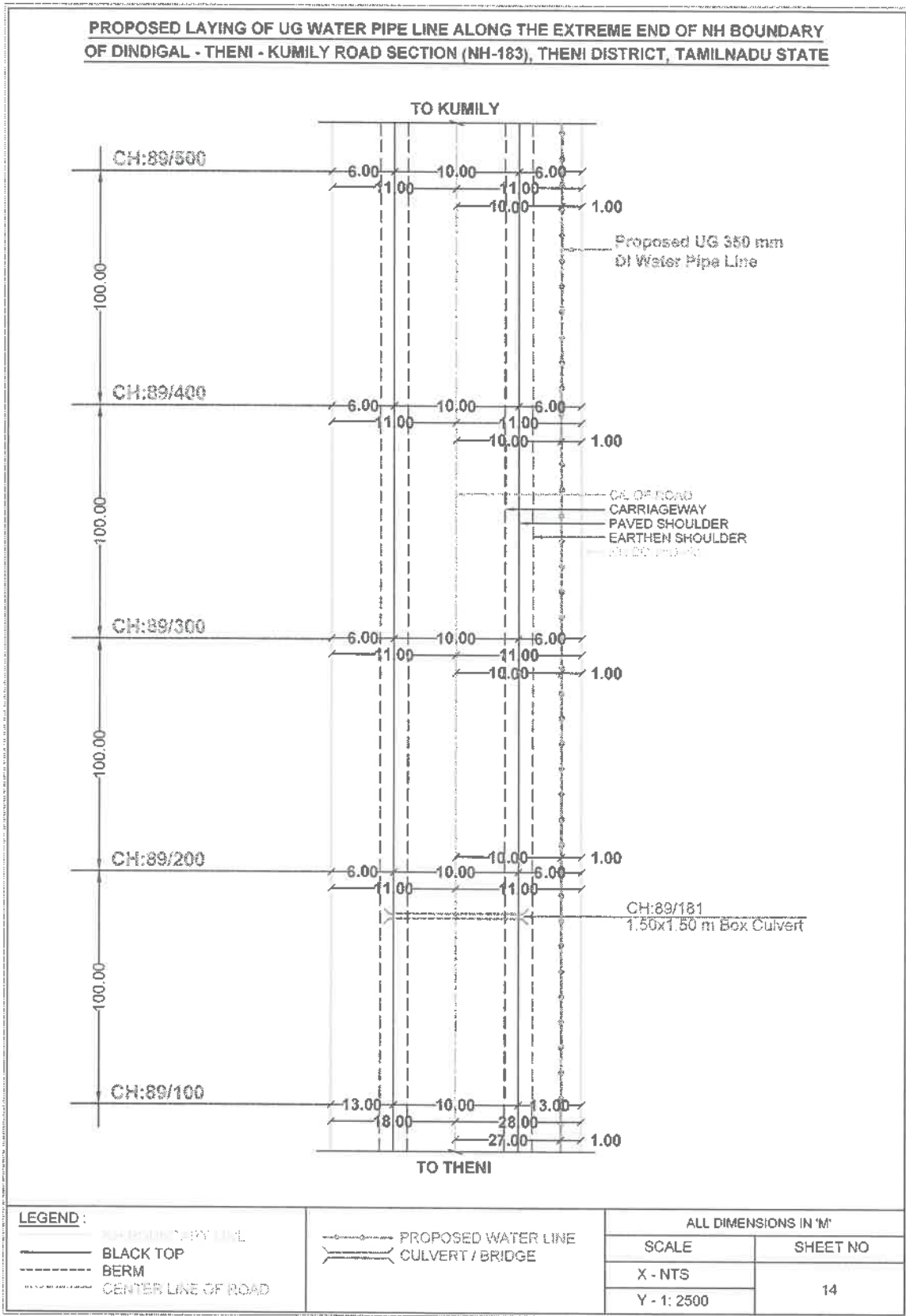
**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY BETWEEN OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



<b>LEGEND :</b> - - - - - NH BOUNDARY LINE ——— BLACK TOP - - - - - BERM ····· CENTER LINE OF ROAD —○— PROPOSED WATER LINE ——— CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	13
	Y - 1: 2500	

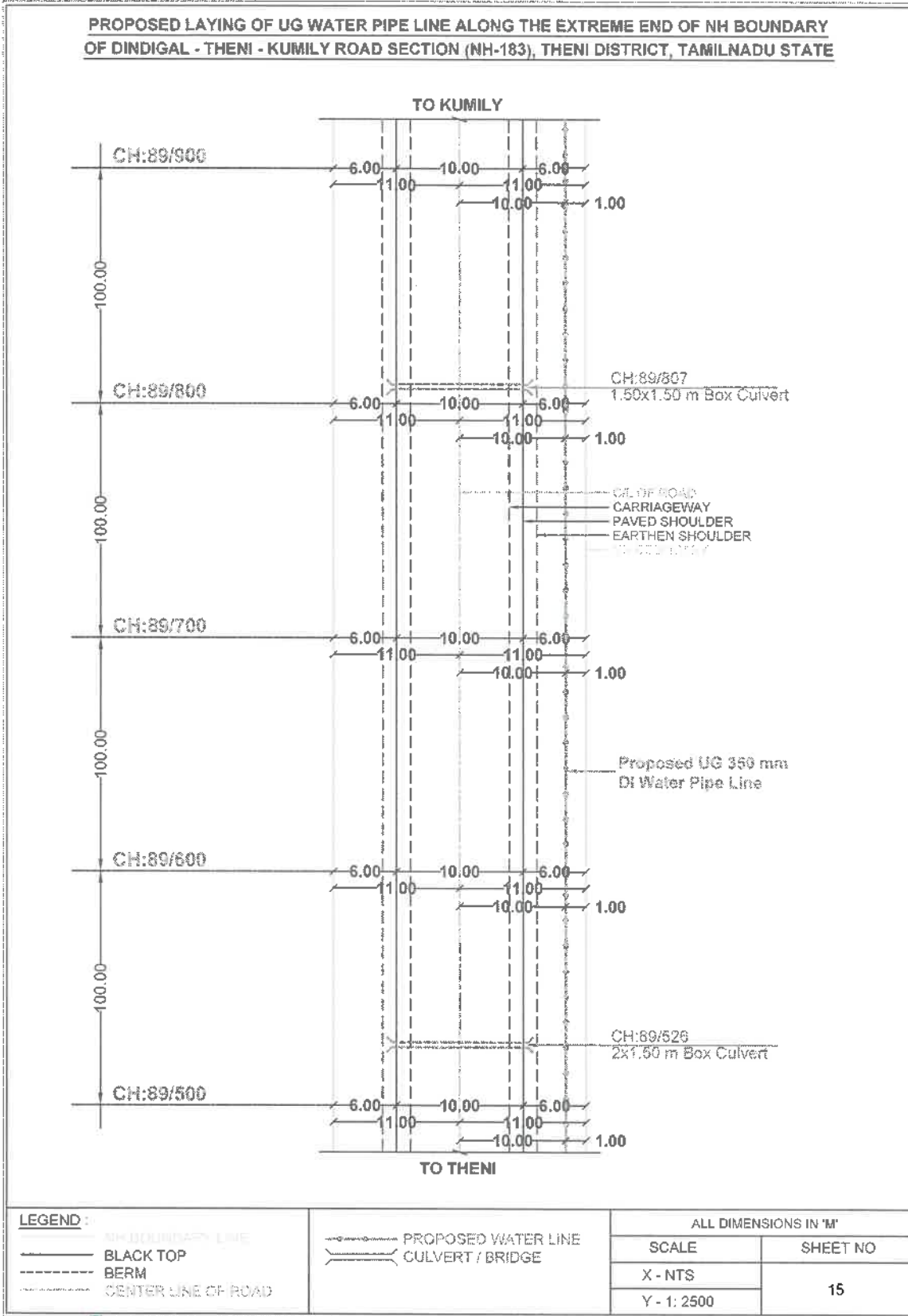
*(Signature)*  
 12/04/2024  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni

*(Signature)*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL



**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

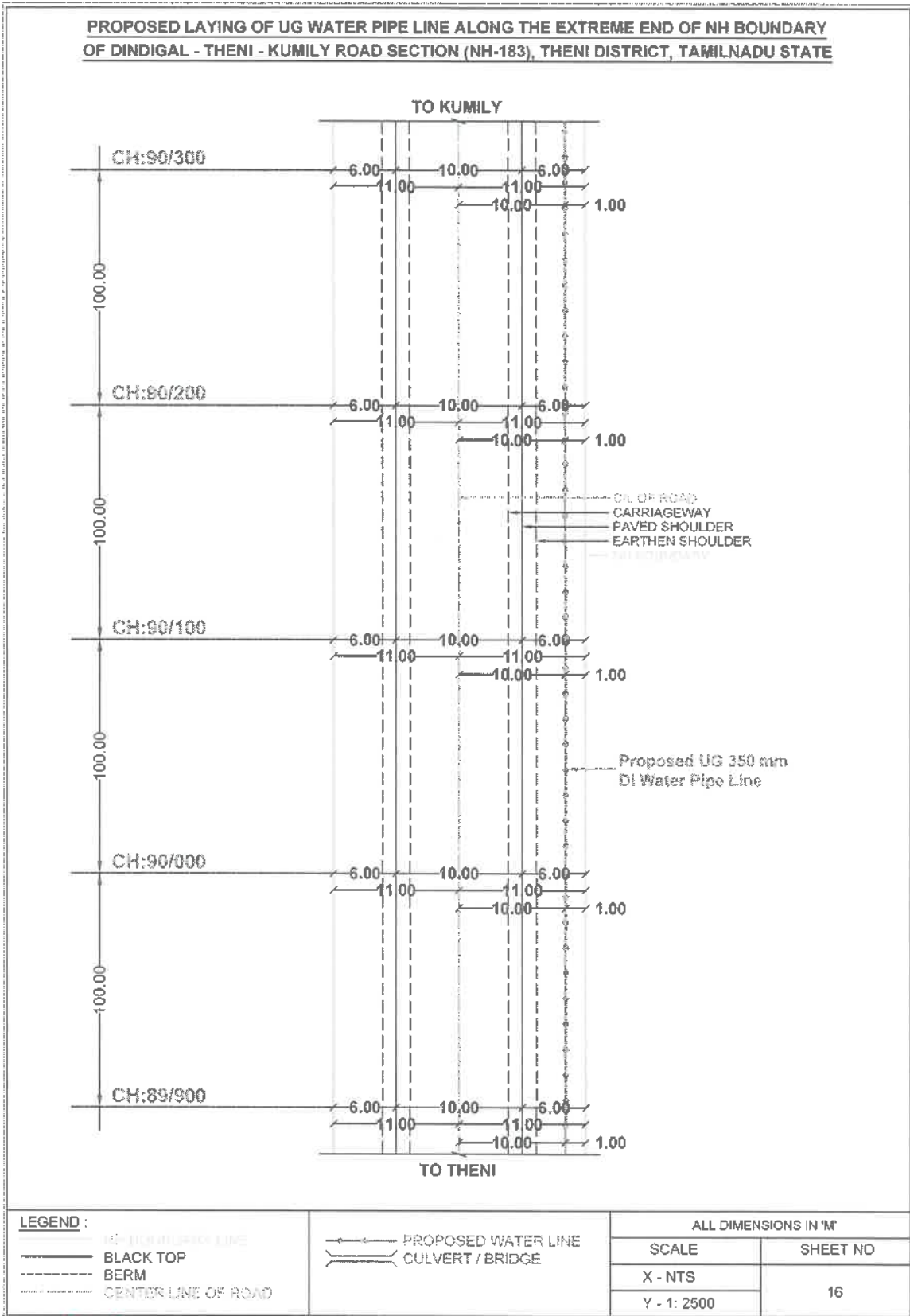
**DGM (T) & PROJECT DIRECTOR**  
**PHAL, PIU, DINDIGUL**



Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

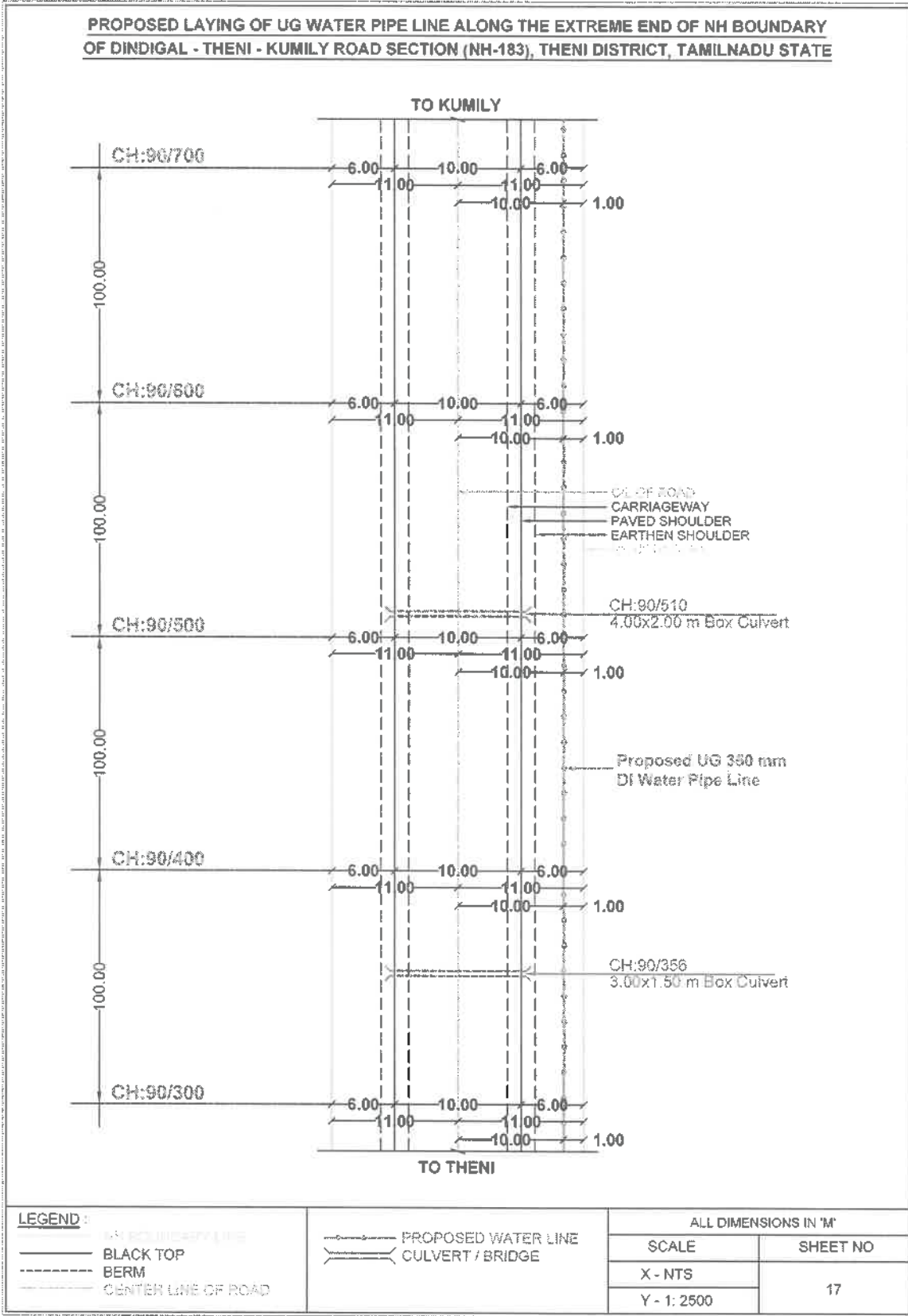
DGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL





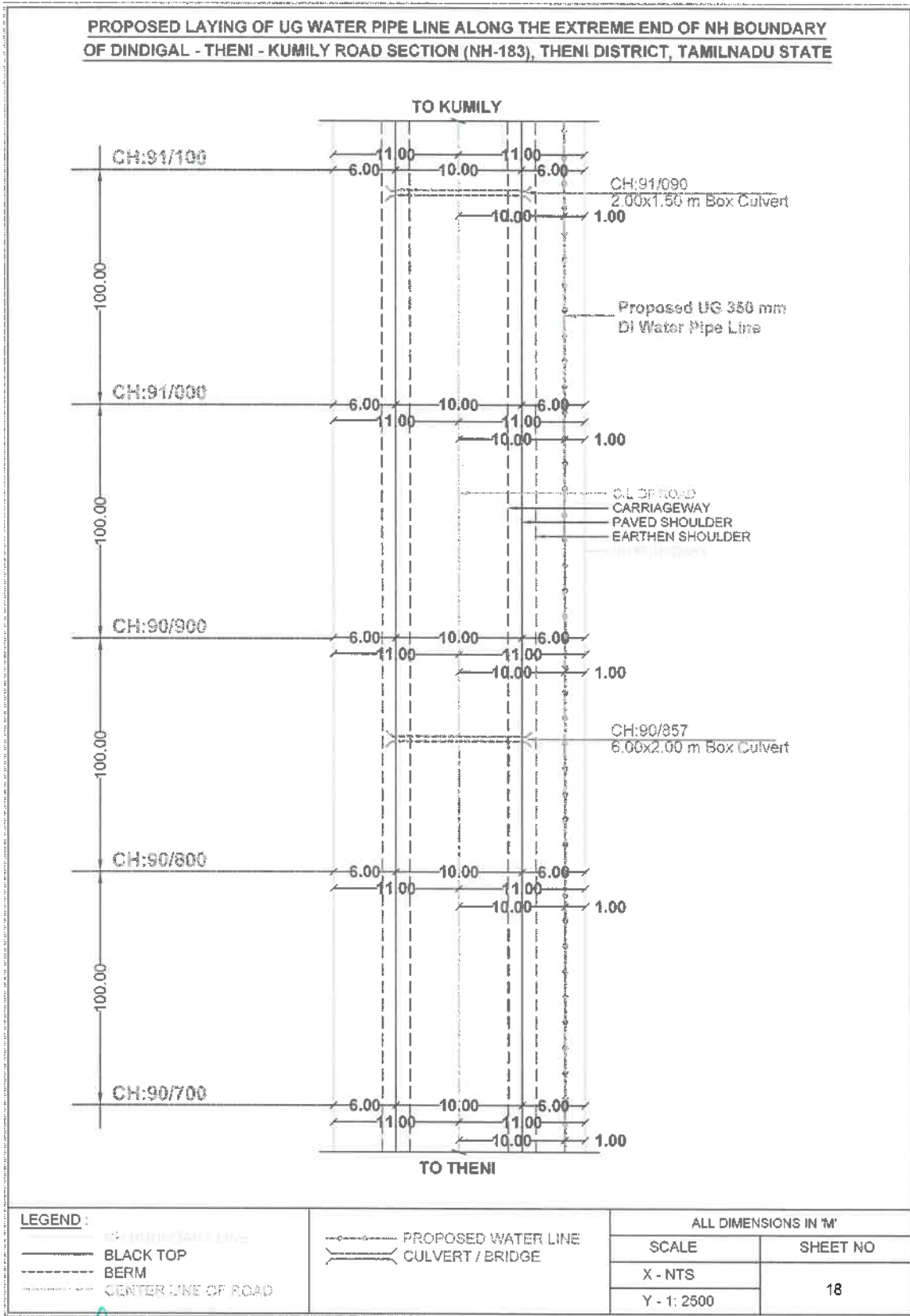
*[Signature]*  
12/04/2024  
**Executive Engineer**  
TWAD Board, RWS Division  
Theni.

*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
NHAI, PIU, DINDIGUL



12/04/2024  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**DGM (T) & PROJECT DIRECTOR**  
**NHA, PIU, DINDIGUL**

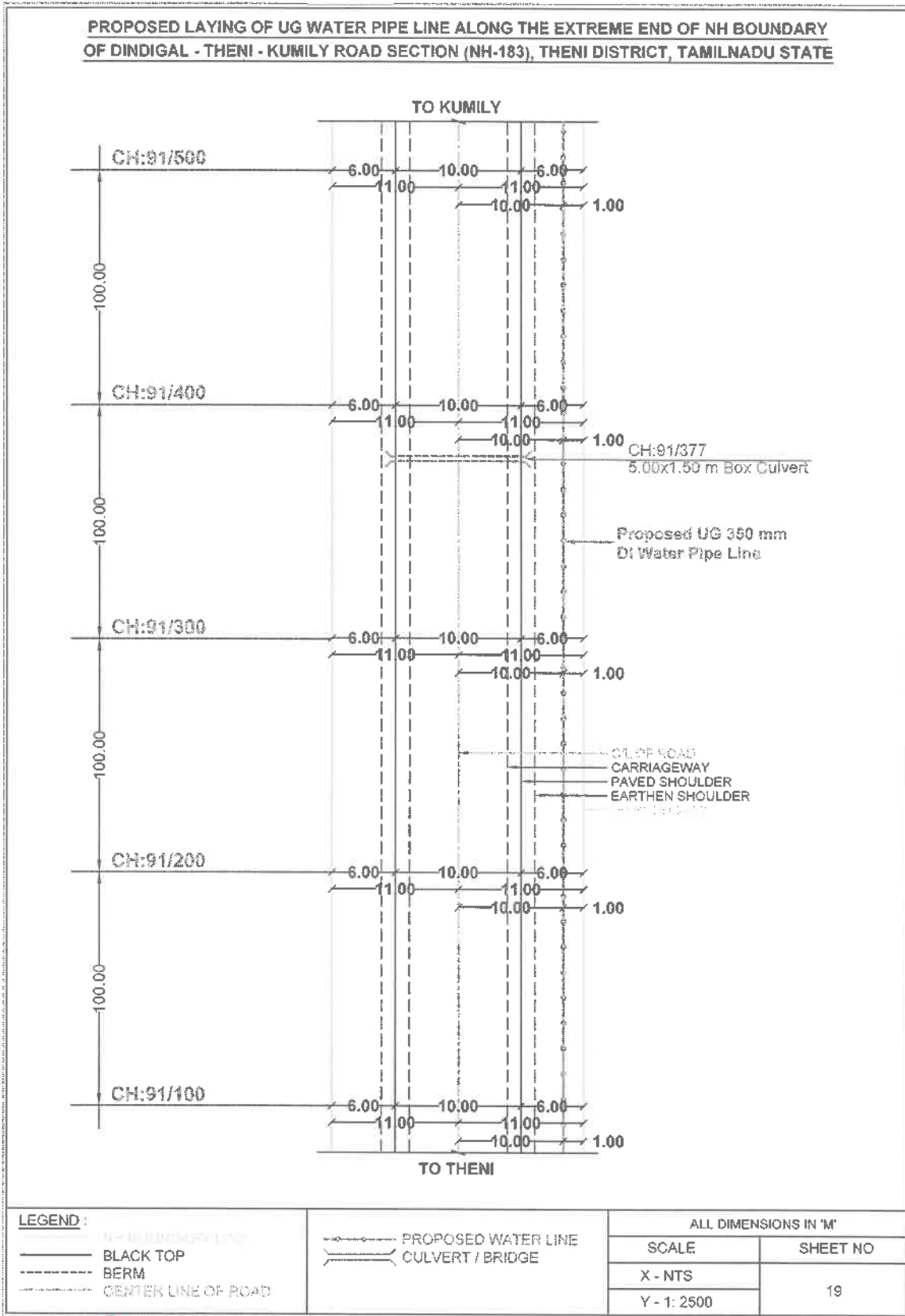


<p><b>LEGEND :</b></p> <ul style="list-style-type: none"> <li> PROPOSED WATER LINE</li> <li> BLACK TOP</li> <li> BERM</li> <li> CENTER LINE OF ROAD</li> </ul>	<p><b>LEGEND :</b></p> <ul style="list-style-type: none"> <li> PROPOSED WATER LINE</li> <li> CULVERT / BRIDGE</li> </ul>
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12/04/2024

**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

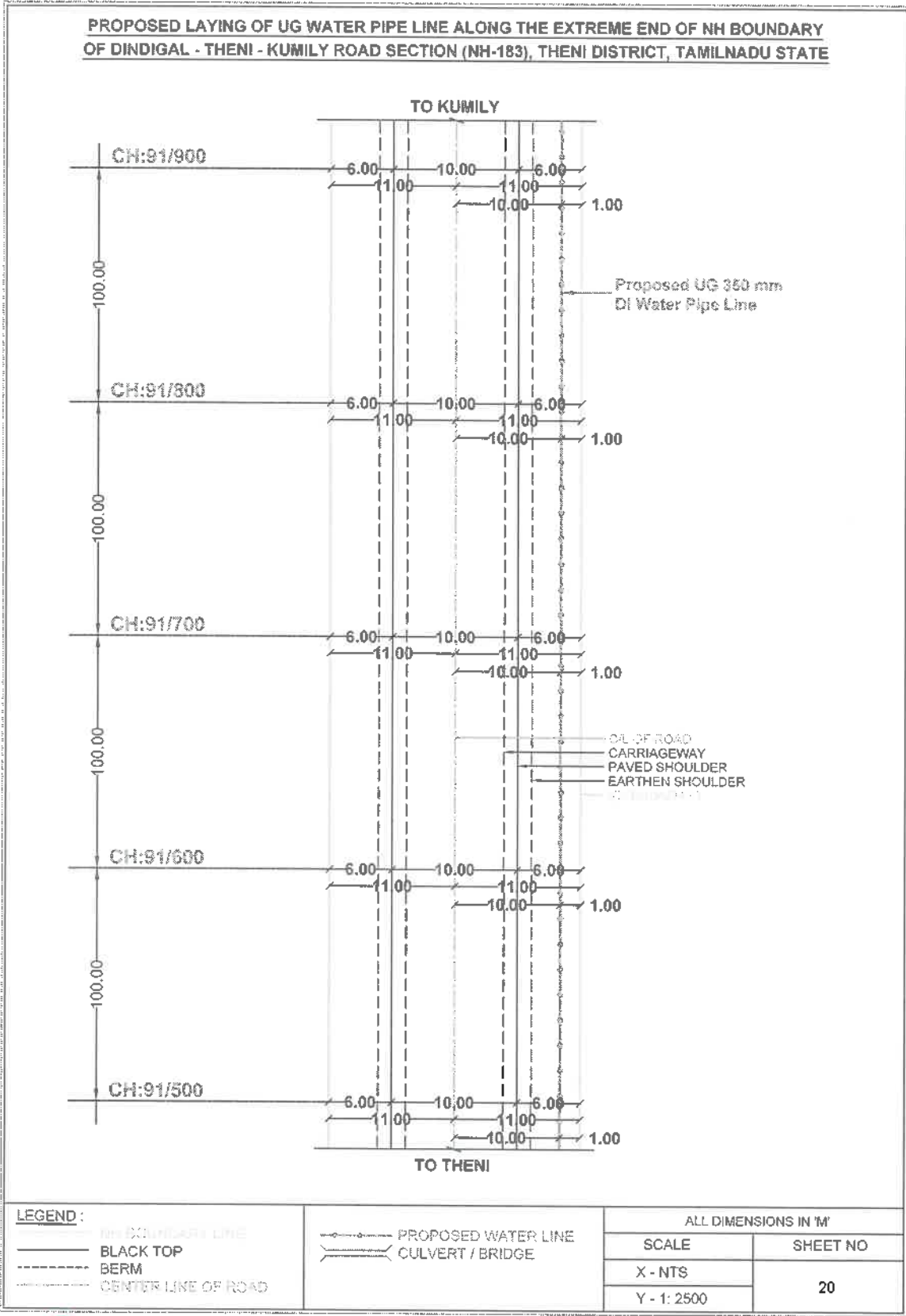
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL



12/14/2024

Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

DGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL

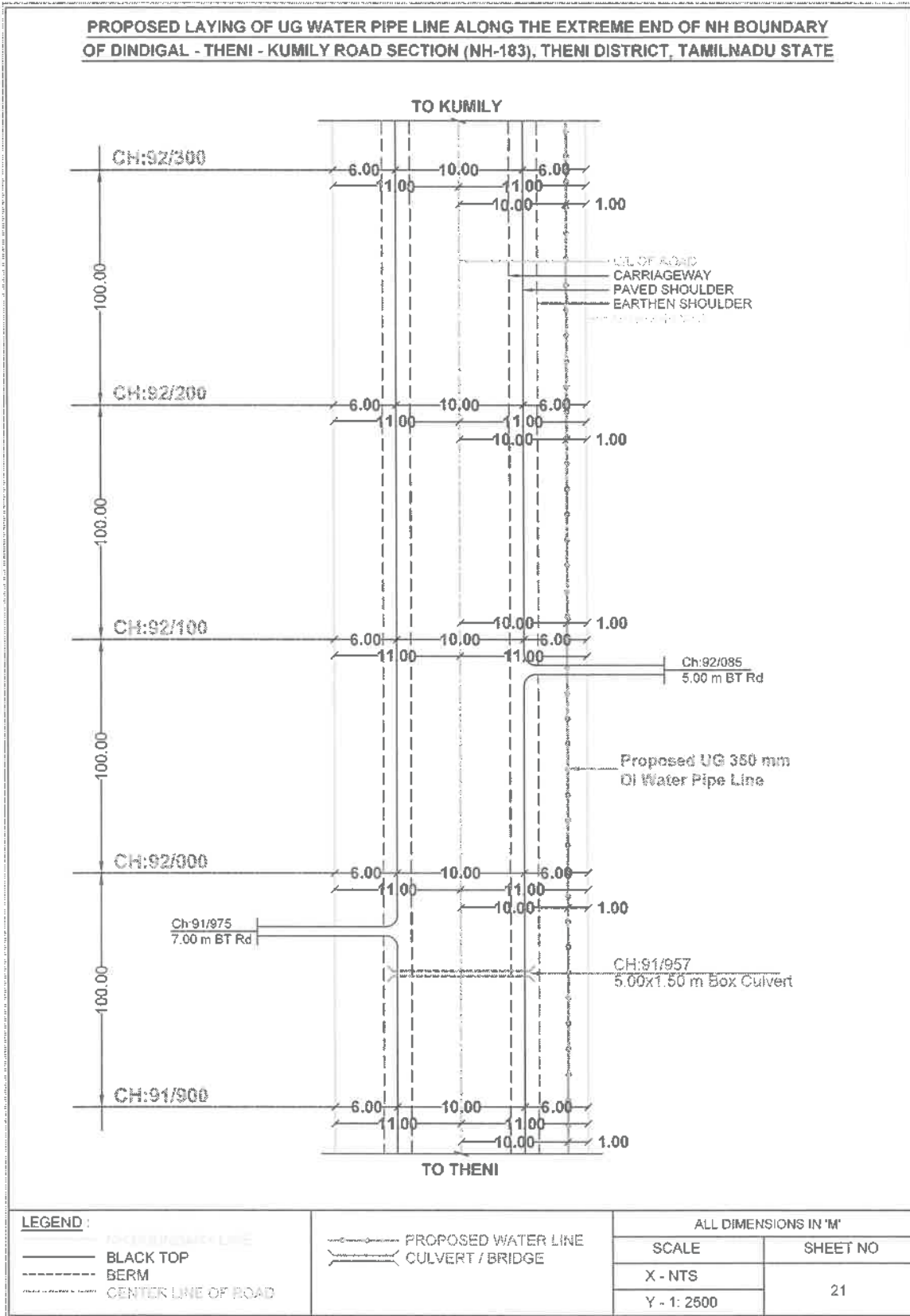


*[Signature]*  
12/04/2024

**Executive Engineer**  
TWAD Board, RWS Division  
Theni.

*[Signature]*

**DGM (T) & PROJECT DIRECTOR**  
NHAI, PIU, DINDIGUL



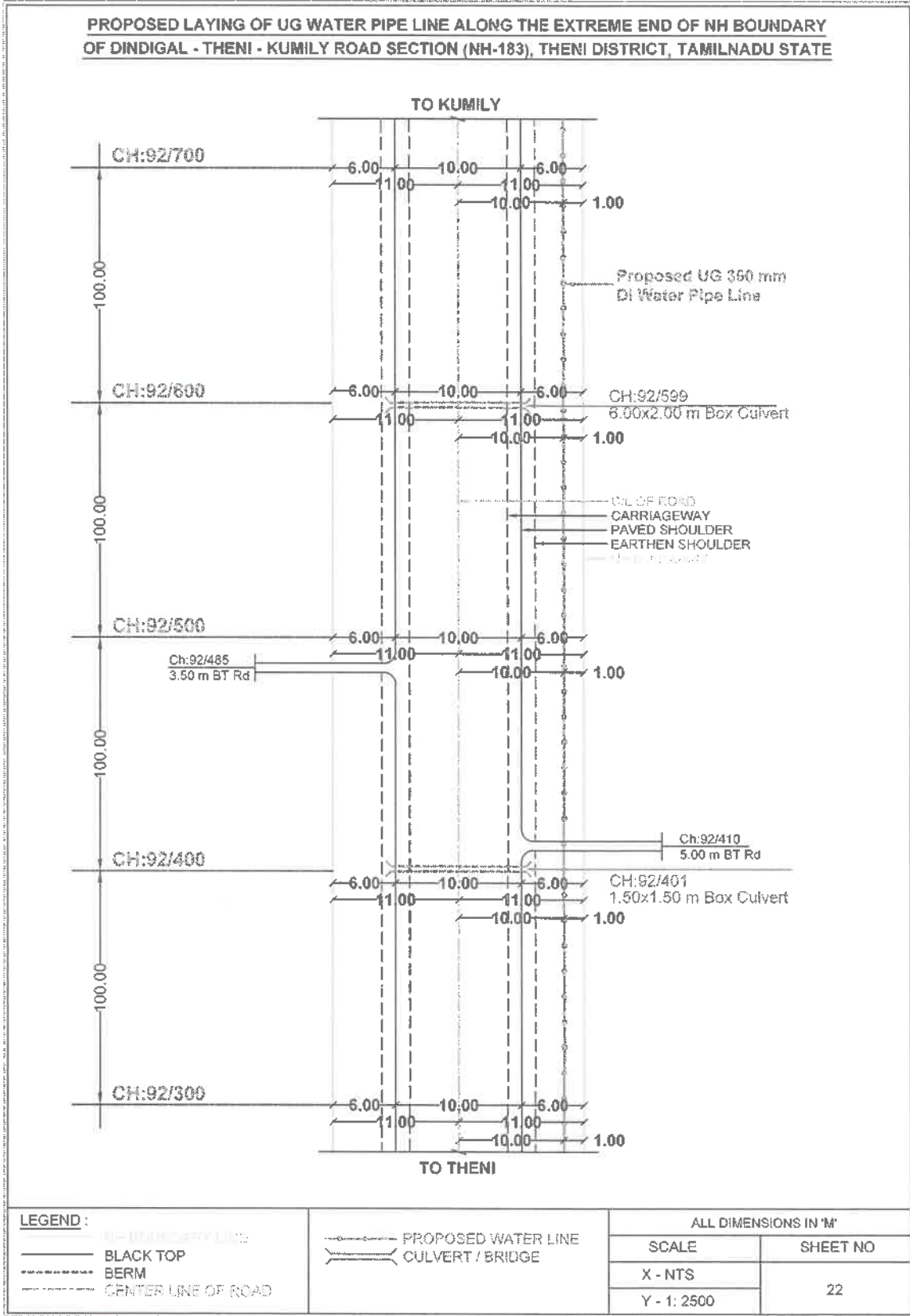
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Executive Engineer  
TWAD Board, RWS Division  
Theni.

[Signature]

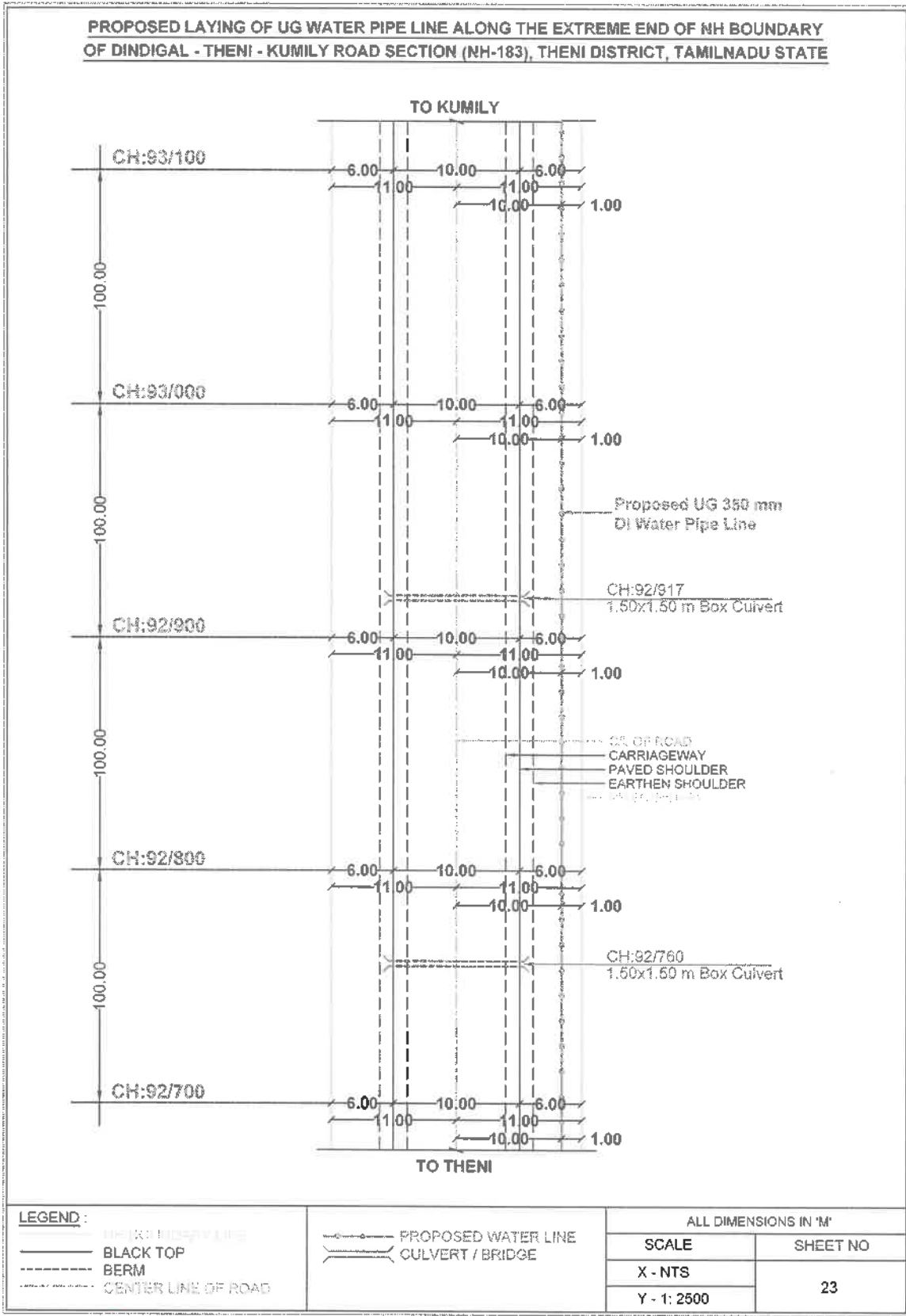
DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL





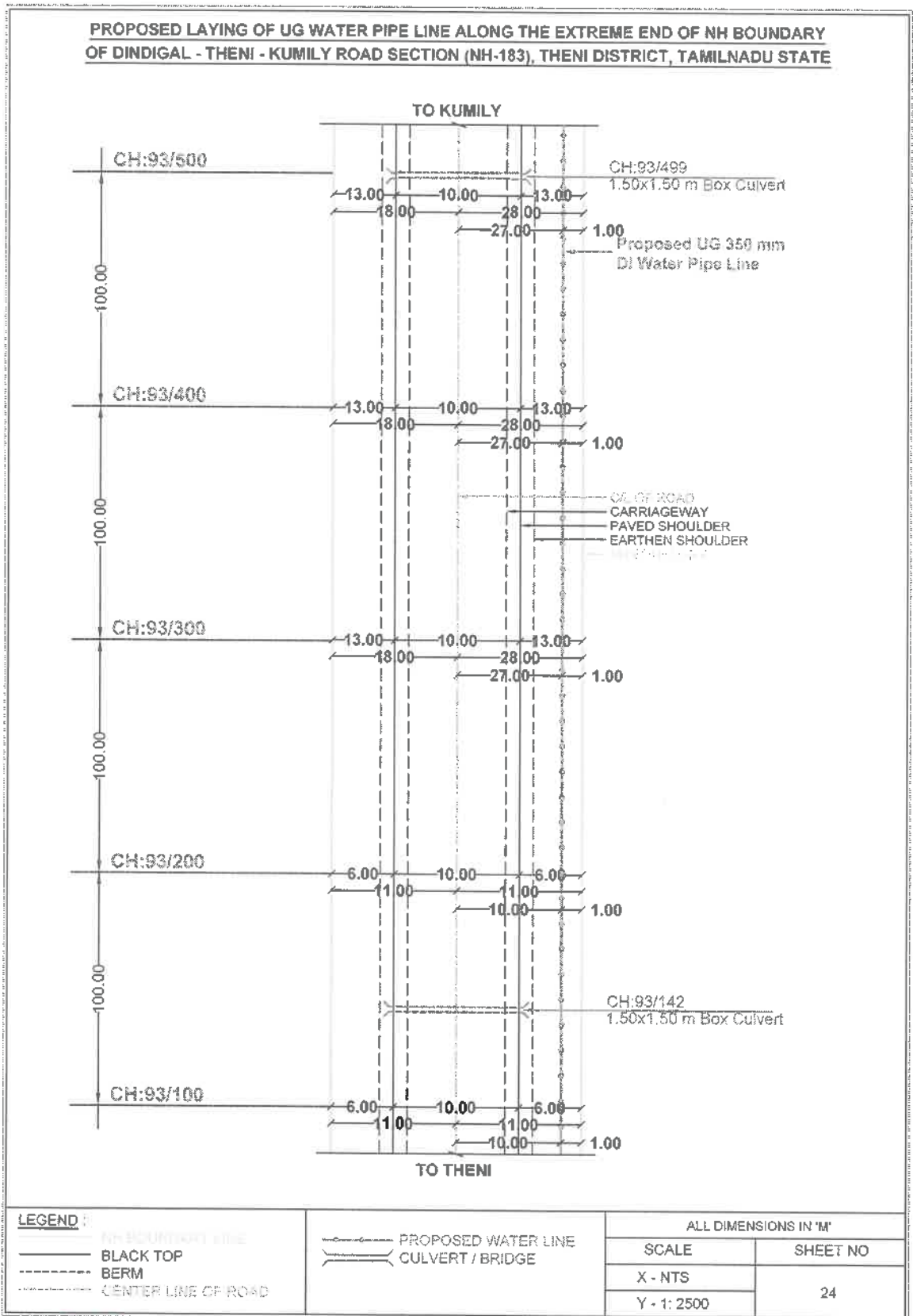
12/04/2024  
 Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

DGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL



Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

DGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL



LEGEND :	
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

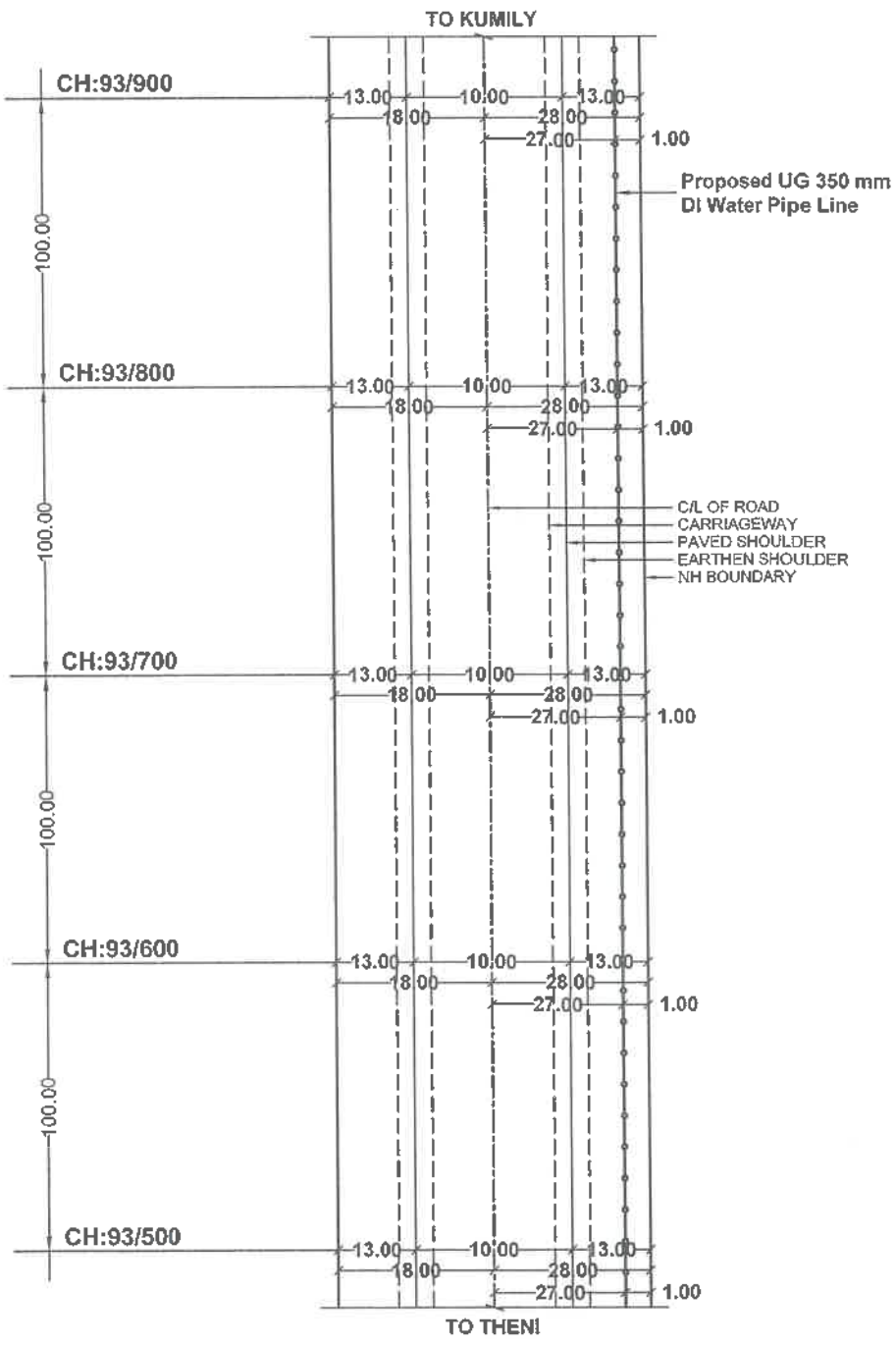
	PROPOSED WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	24
Y - 1: 2500	

Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

DGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL

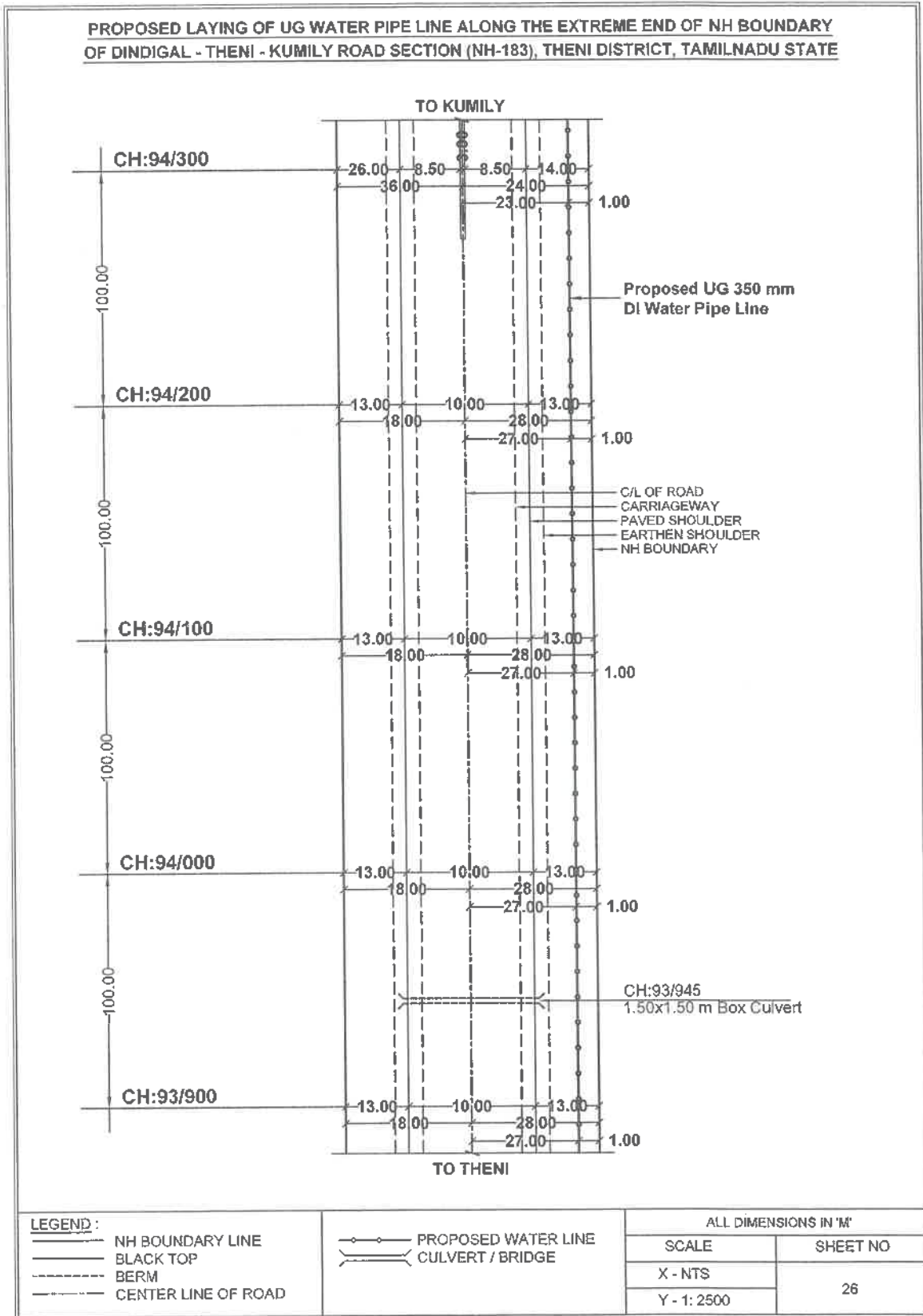
**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



<b>LEGEND :</b> — NH BOUNDARY LINE — BLACK TOP — BERM - - - CENTER LINE OF ROAD —○— PROPOSED WATER LINE ——— CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	25
	Y - 1: 2500	

*(Signature)*  
 12/04/2024  
 Executive Engineer  
 TWD & PWD, NH-183 Division  
 Theni.

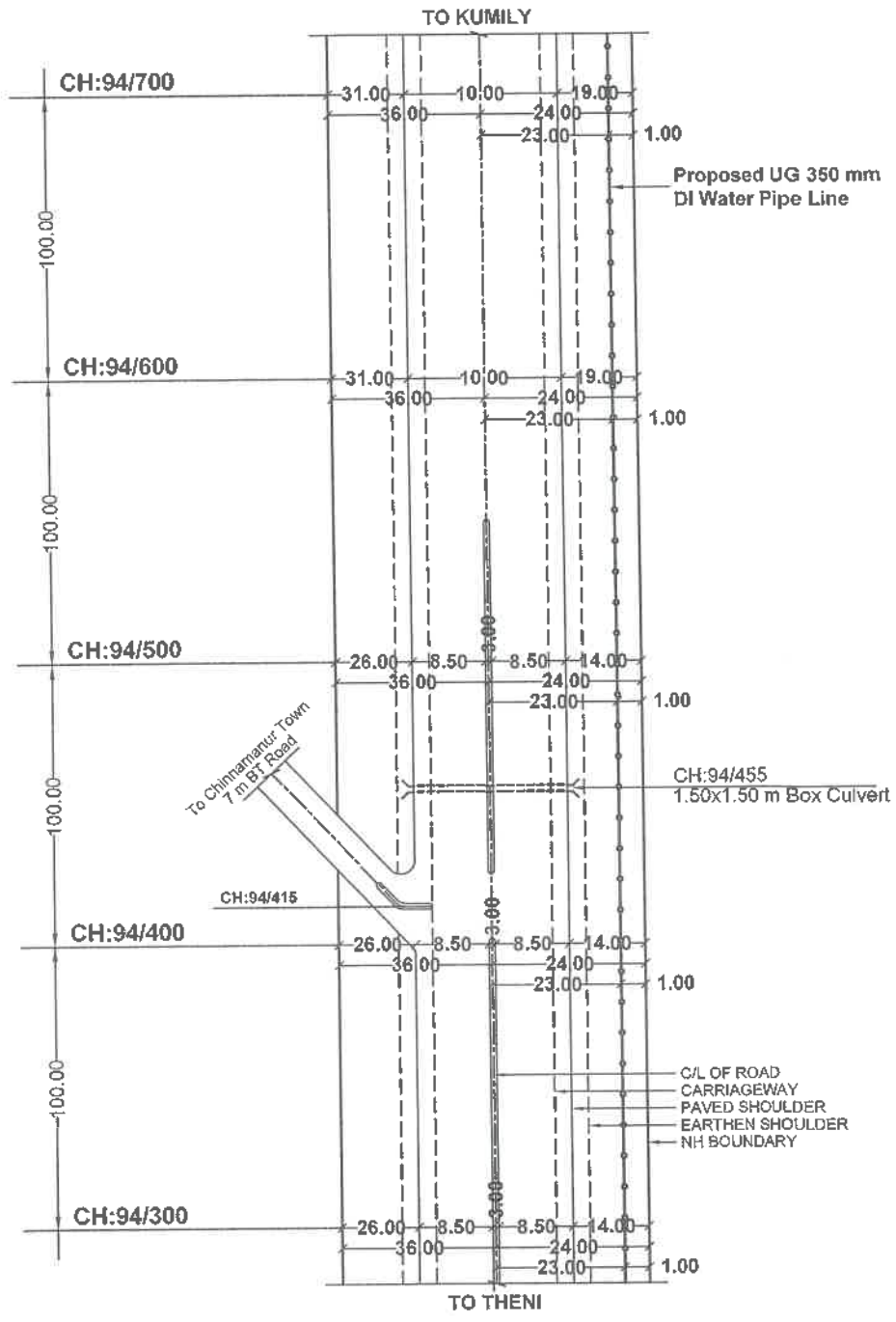
*(Signature)*  
 DGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL



12/04/2024  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

**DGM (T) & PROJECT DIRECTOR**  
 NH&I, PU, DINDIGUL

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

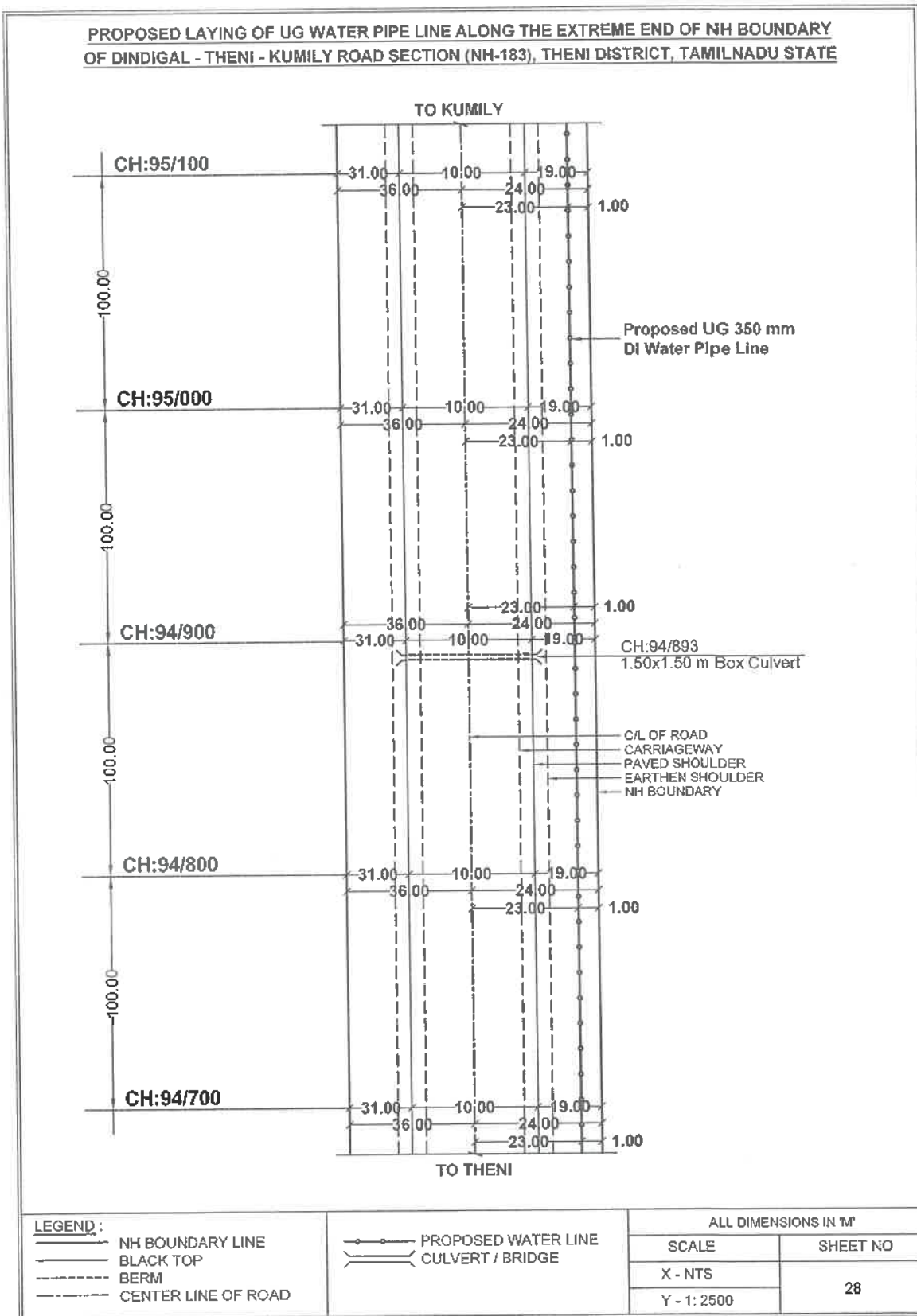


<b>LEGEND :</b> ——— NH BOUNDARY LINE ——— BLACK TOP - - - - - BERM - - - - - CENTER LINE OF ROAD	PROPOSED WATER LINE CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
		SCALE	SHEET NO
		X - NTS	27
		Y - 1: 2500	

*M. S. S.*  
 12/10/2024  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL

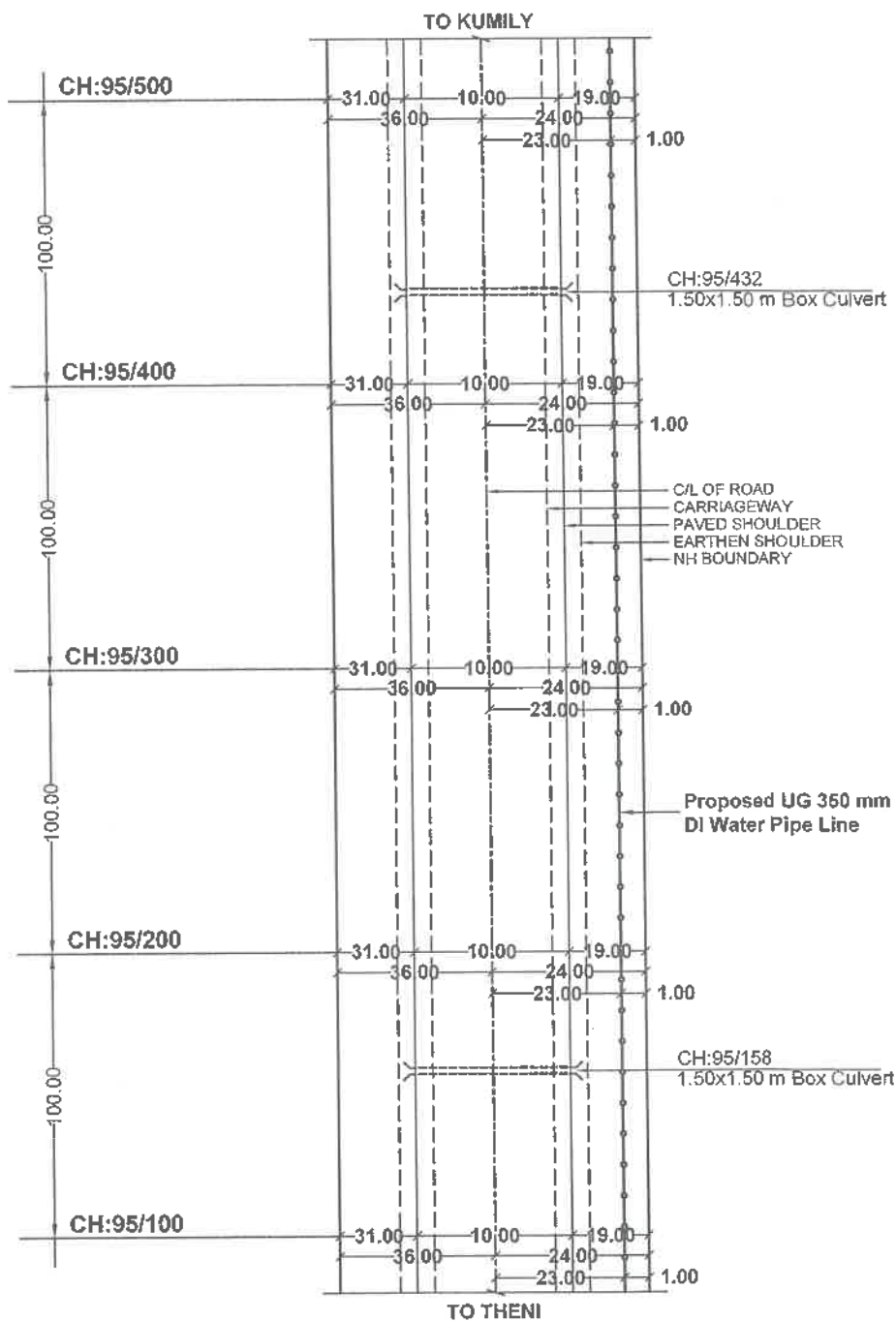




12/04/2024  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**DGM (T) & PROJECT DIRECTOR**  
**NHA, PTU, DINDIGUL**

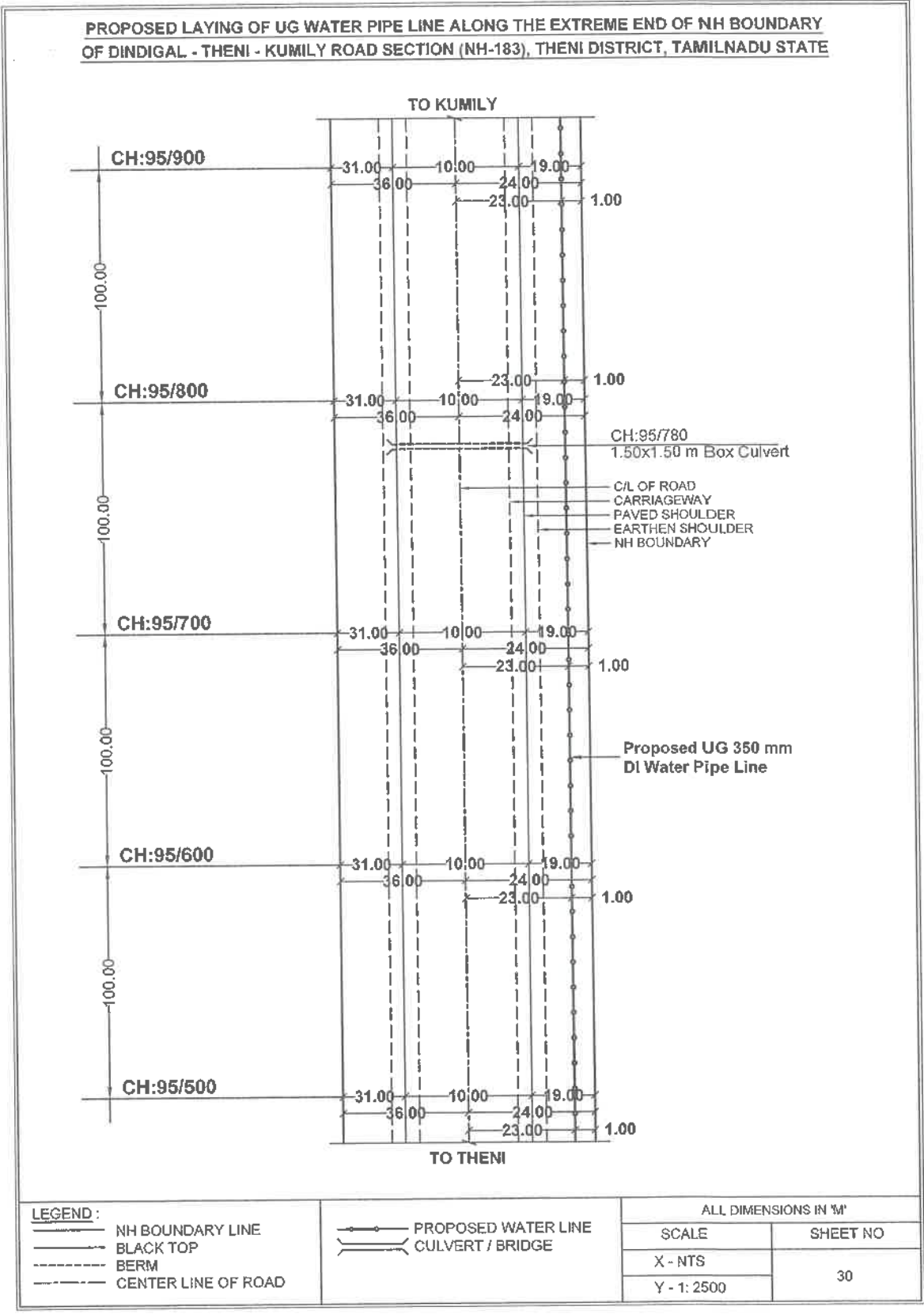
**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



<b>LEGEND :</b> — NH BOUNDARY LINE — BLACK TOP - - - - - BERM - - - - - CENTER LINE OF ROAD —○— PROPOSED WATER LINE ———— CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	29
	Y - 1: 2500	

*[Signature]*  
 12/04/2024  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni**

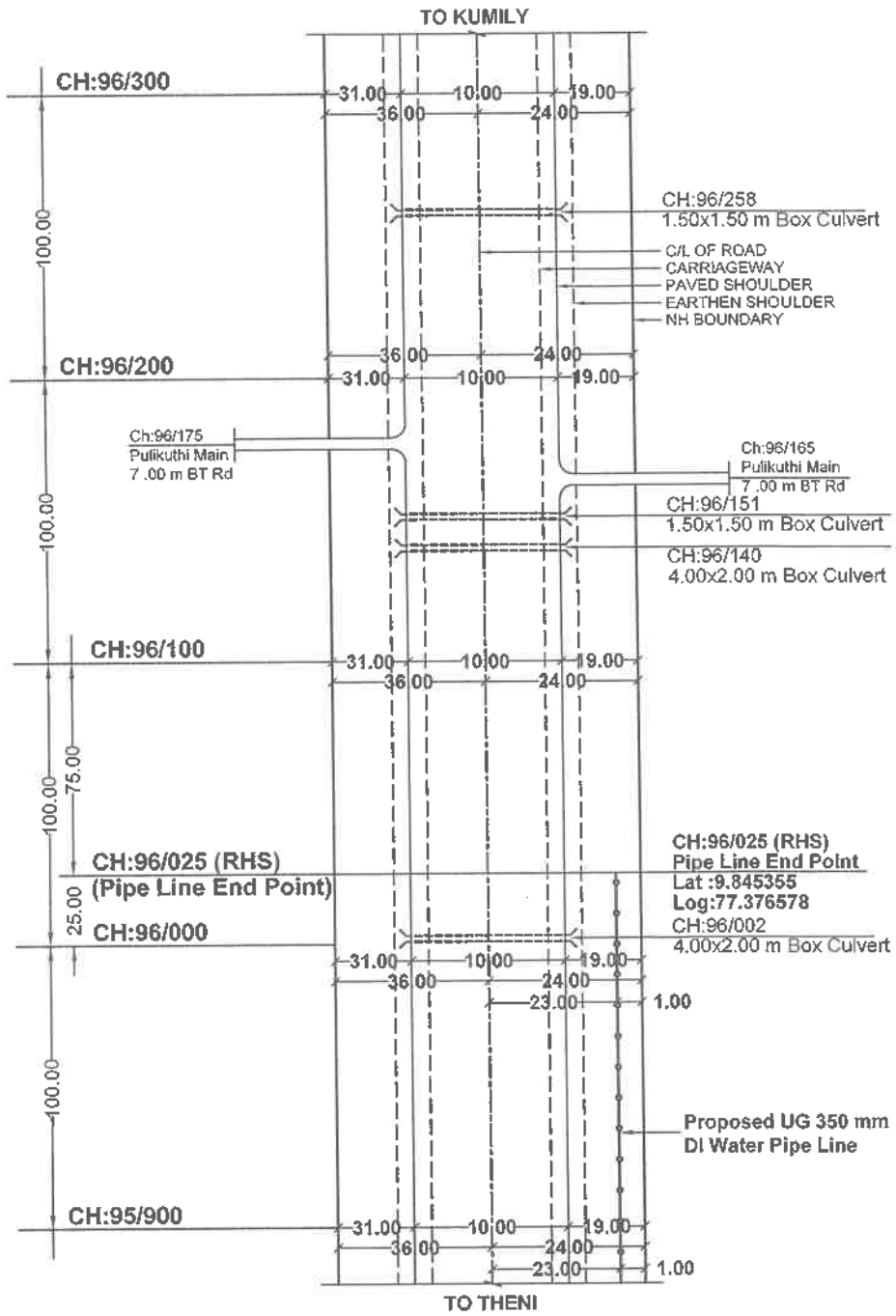
*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
**BHAL, PIU, DINDIGUL**



**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**DGM (T) & PROJECT DIRECTOR**  
**NHAL, PTU, DINDIGUL**

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



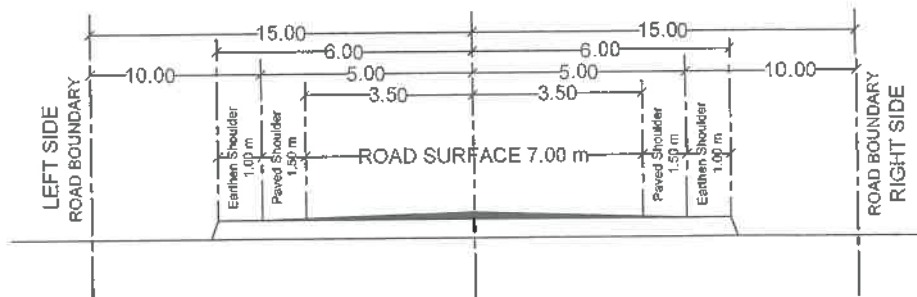
<b>LEGEND :</b> NH BOUNDARY LINE BLACK TOP BERM CENTER LINE OF ROAD PROPOSED WATER LINE CULVERT / BRIDGE	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	31
	Y - 1: 2500	

*(Signature)*  
 12/12/2024  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni

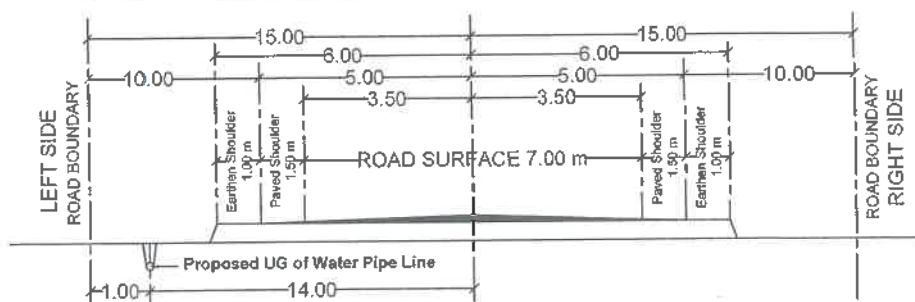
*(Signature)*  
**DGM (T) & PROJECT DIRECTOR**  
 NH&I, PIU, DINDIGUL

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

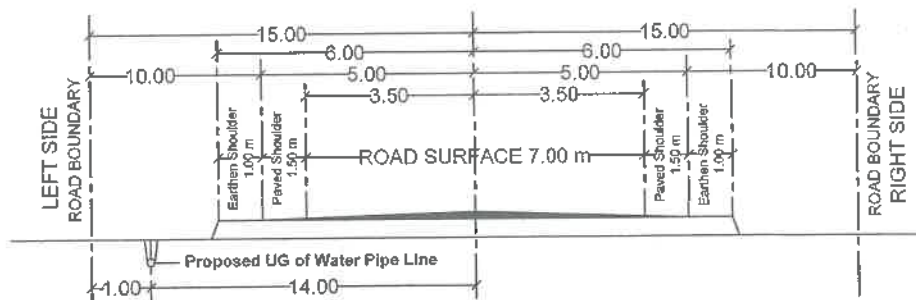
**CH:83/900 To 84/175 - (No Water Pipe Line)**



**CH:84/175 - (LHS - Water Pipe Line Start Point)**



**CH:84/200 - (LHS - Water Pipe Line Start Point)**



SCALE : NTS

ALL DIMENSIONS IN 'M'

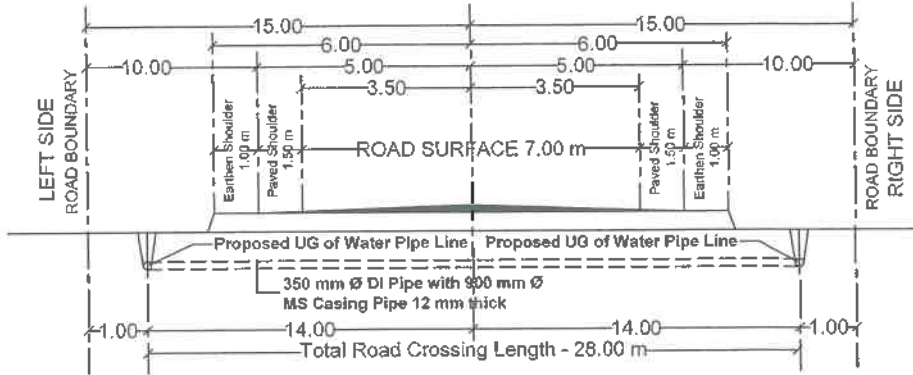
SHEET NO : 32

*(Signature)*  
 12/04/2024  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

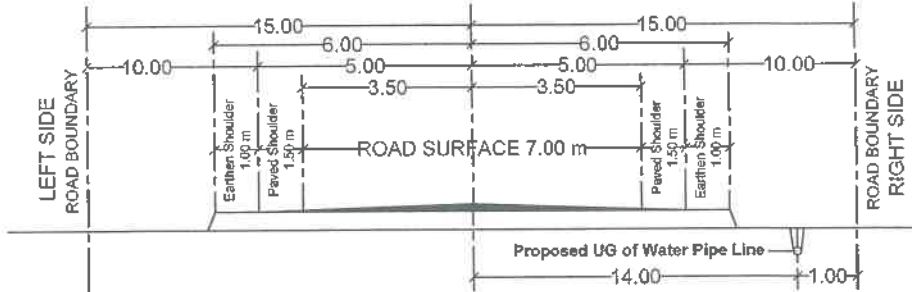
*(Signature)*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

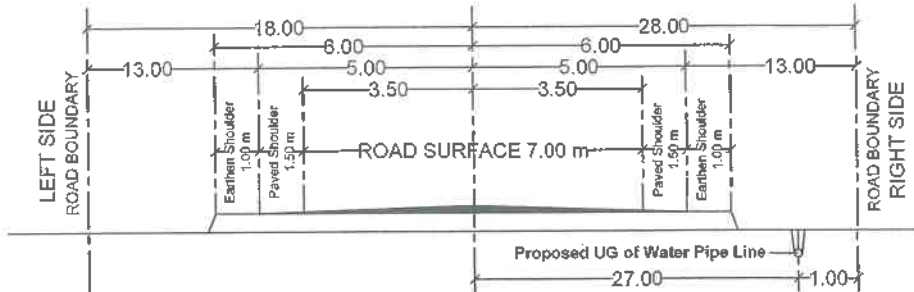
**CH:84/250 - (LHS & RHS - Water Pipe Line & Road Crossing-1)**



**CH:84/250 To 88/900 - (RHS - Water Pipe Line)**



**CH:89/000 To 94/200 - (RHS - Water Pipe Line)**



SCALE : NTS

ALL DIMENSIONS IN 'M'

SHEET NO : 33

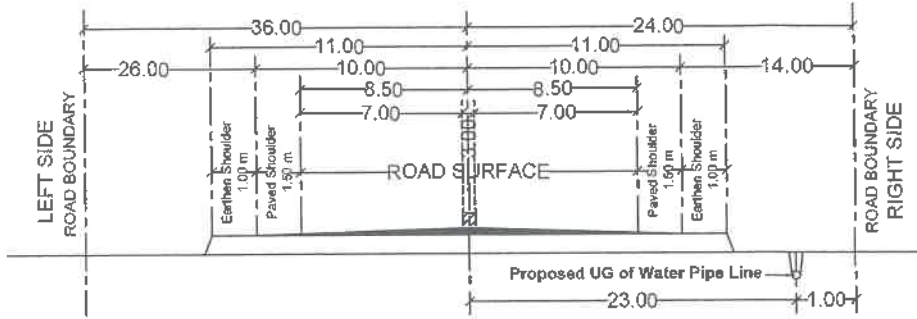
*[Signature]*  
 12/04/2024  
 Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

*[Signature]*  
 DGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL

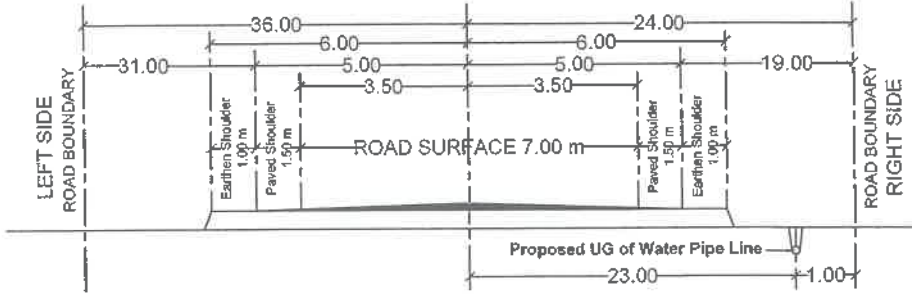


**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

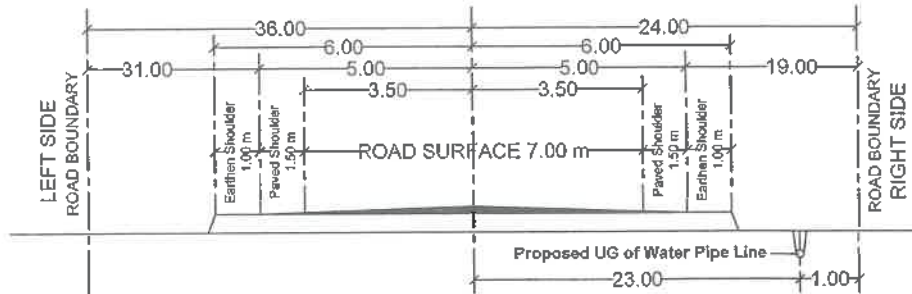
**CH:94/300 To 94/500 - (RHS - Water Pipe Line)**



**CH:94/600 To 96/000 - (RHS - Water Pipe Line)**



**CH:96/025 - (RHS - Water Pipe Line End Point)**



SCALE : NTS

ALL DIMENSIONS IN 'M'

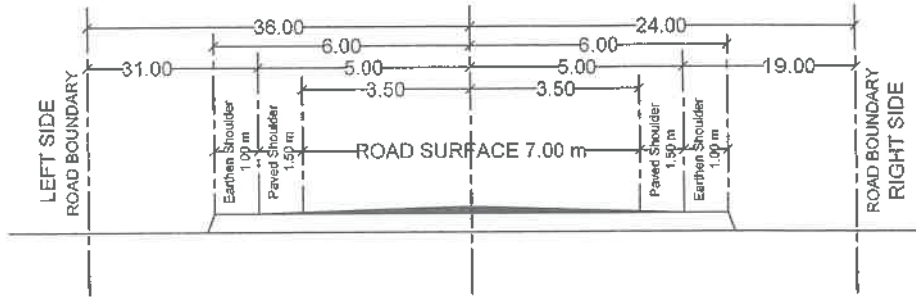
SHEET NO : 34

*[Signature]*  
 12/04/2024  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAL, PIU, DINDIGUL

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

**CH:96/100 To 96/300 - (No Water Pipe Line)**



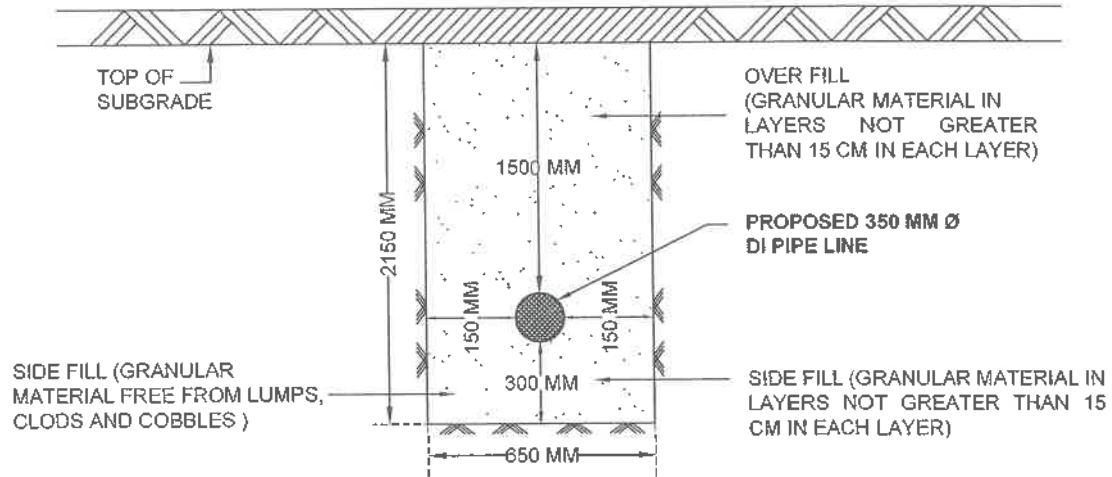
SCALE : NTS

ALL DIMENSIONS IN 'M'

SHEET NO : 35

*(Signature)*  
 12/04/2024  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS LETTER NO.

RW/NH-33044/29/2015/S&R(R) (Pt).DATED.22.11.2016

**CROSS SECTION SCALE-NTS**

SCALE : NTS

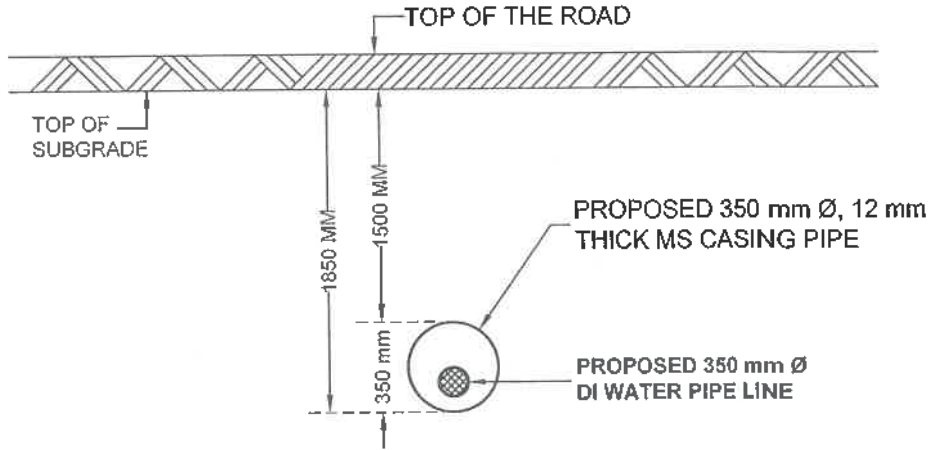
ALL DIMENSIONS IN 'M'

SHEET NO : 36

*(Signature)*  
 12/04/2024  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

**CH:84/250 - Road Crossing**



ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS LETTER NO. RW/NH-33044/29/2015/S&R(R)(Pt).DATED.22.11.2016

CROSS SECTION SCALE-NTS

SCALE : NTS

ALL DIMENSIONS IN 'M'

SHEET NO : 37

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni**



தமிழ்நாடு தமில்நாடு TAMILNADU

DA 932189

எண்: 1344 The Executive Engineer,  
தாள்: 25.2.2024  
# 100 TWAD Ed, Theni

U. கிஷோர்ராஜன்  
ஆத்திமயத்தூள் அபிவிருத்திப்பிரிவு  
உரிமம் எண்: 12719/89  
சேலம்

**INDEMNITY BOND**

**Name of the Work:** Dindigul-Theni-Kumily Road Section Laying Underground 350 mm Ø DI Water Pipe Line along the Extreme End of NH Boundary Between K.M. 84/175 to 84/250 (LHS), K.M. 84/250 to 96/025 (RHS) by open Trench Method for a total Length of 11850 Meter & Road Crossing K.M.84/250 by HDD Method of Dindigul-Theni-Kumily Road Section (NH-183), Theni District, Tamilnadu State.

**Indemnity Bond against all damages and claims as per SL.No.5.6 of Check List:**

We, The Executive Engineer, TWAD Board, RWS Division, Theni or in do here indemnity Project Director, NHAI, PIU. Binding ourselves to pay the losses and claims in respect of laying of laying water supply pipeline along the road in NH-183 Theni - Kumily Road Section from K.M.84/175 to 84/250 (LHS), K.M.84/250 to 96/025 (RHS) by open Trench Method for a total Length of 11850 Meter & Road Crossing K.M.84/250 by HDD Method of Dindigul-Theni-Kumily Road Section (NH-183), Theni District, Tamilnadu State or maintenance thereof and against all claims, proceedings, damages, costs charges and expenses whatsoever in respect thereof in relation there to failing such payments of claims in the above work we abide in accepting for recovery of such claims affected from any of our assets.

**The Executive Engineer, TWAD Board, RWS Division, Theni.**





தமிழ்நாடு தமில்நாடு TAMILNADU

DV 303727

04.2024

Executive Engineer  
TWAD  
Theni

*R. Gopalakrishnan*  
**R.GOPALAKRISHNAN**  
 STAMP VENDOR  
 DOOR No 24, KVK BUILDING  
 GOPALAPURAM 3rd STREET  
 COIMBATORE - 541 018.  
 \ L.No.12096 / B1 / 2010 / 6.

UNDERTAKING

We, The Executive Engineer, TWAD Board, RWS Division, No.2, NRT Main Road, NRT Nagar, Theni, Laying Underground 350 mm Ø DI Water Pipe Line along the Extreme End of NH Boundary Between K.M. 84/175 to 84/250 (LHS), K.M. 84/250 to 96/025 (RHS) & Road Crossing K.M.84/250 of Dindigal - Theni - Kumily Road Section (NH-183), Theni District, Tamilnadu State.

We here by undertake the standard conditions of NH guidelines:

Not to damage to other utility, if damaged then to pay the losses either to NH or to the concerned agency regarding the location of other Pipe, underground installation/utilities etc. The Executive Engineer, TWAD Board, RWS Division, Theni, shall be responsible to ascertain from the respective agency in coordination with NH. The Executive Engineer, TWAD Board, RWS Division, Theni, shall be ensured the safety and security of already existing Pipe, underground installation/utilities, facilities etc. before commencement of the excavation.

*[Signature]*  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**



2. **Renewal of Bank Guarantee:** The Executive Engineer, TWAD Board, RWS Division, Theni, shall furnish a bank guarantee @ Rs 100 & 250/- per running meter to the NH, for period of one year initially ensuring/making with a validity of one-year initially making good excavated trench initially as a security laying of Pipe least 15m away from the edge of the right of way. No payment shall be payable by NH to The Executive Engineer, TWAD Board, RWS Division, Theni for clearing loose/debris earth produced due to execution of trenching. In case of the work contemplated herein is not completed to the satisfaction of NH the authority which has granted the permission within a period of 11 months from the date of issue of bank guarantee the period of one year. The Executive Engineer, TWAD Board, RWS Division, Theni failing discharge obligation making good of the excavated trench restoration work, the authority shall have a right to make a good damage caused by excavation the cost of the Executive Engineer, TWAD Board, RWS Division, Theni recover the amount by the bank guarantee.
3. **Confirming all standard conditions of NH:**
  - i. The Pipe Line shall be laid at the edge of the right of way within 2m utility corridors.
  - ii. The top of the casing/conduit pipe containing the Pipe Line shall be at least 1.20m below the surface of the road subject to being at least 0.3m below the drain inverts.
  - iii. The licensee has to cross the NH by horizontal drilling method (trenchless technology only) in case any damage is caused to the road pavement in this process, The Executive Engineer, TWAD Board, RWS Division, Theni will be required to restore the same to the original condition at his own-cost.
  - iv. Existing CD works shall not be allowed for laying the Pipe Line and shall be crossed by HDD method only.
  - v. No trenching will be done on link road, boring method will be used in link road and Pipe Line will be laid at the extreme edge of the road in the non-BT surface only.
  - vi. The licensee shall inform/ give a notice to the NH, Govt of India or. its authorized agency at least 15 day in advance with route details prior to digging trenches for fresh maintenance/repair the works. A separate performance bank guarantee@ Rs.100 & 250/- per meter length repair works to furnished by The Executive Engineer, TWAD Board, RWS Division, Theni.
  - vii. Each day the extent of digging the trenches should be strictly regulated so that Pipe Line are laid and trenches filled up the close the work that day. Filling should be completed to the satisfaction the concerned agency designated by the NH.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

- viii. The licensee shall indemnify concerned agency co- ordination with NH against all damages & claims, if any due to the digging of trenches for laying Pipe Line/ducts.
- ix. The NH has a right to terminate the permission or extend the period of agreement. In case The Executive Engineer, TWAD Board, RWS Division, Theni wants shifting, repairs or alteration to Pipe Line/ducts, he will have to furnish a separate bank guarantee
- x. The licensee shall not without prior permission in writing from the NH Govt. of India or its authorized agency undertake any work of shifting, repairs or alternations to the said Pipe Line/ducts.
- xi. The permission granted shall not in any way be deemed to convey to the Executive Engineer, TWAD Board, RWS Division, Theni any ownership right or any interest route, road, highway and property. Here in expressly granted.
- xii. During the subsistence of this agreement, the laying of Pipe Line/ducts located in highway land/property shall be deemed to have been constructed and continued only by the consent permission of the NH so that the right of The Executive Engineer, TWAD Board, RWS Division, Theni of the use thereof shall not become absolute infeasible by lapse of time.
- xiii. The Executive Engineer, TWAD Board, RWS Division, Theni shall bear the stamp Duty charge on the agreement.
- xiv. The Pipe Line shall not be brought in to use by The Executive Engineer, TWAD Board, RWS Division, Theni unless a completion certificate to the effect that laying of Pipe Line /ducts has been laid in accordance with approved specifications and drawings the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
- xv. Not with standing anything NH contained herein this agreement may be cancelled at any time by the for breach of any condition of the same and The Executive Engineer, TWAD Board, RWS Division, Theni shall neither be entitled to any compensation for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.
- xvi. The licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work. If NH required doing some emergent work The Executive Engineer, TWAD Board, RWS Division, Theni will provide an observer within 24 hours. NH will not be responsible for any damage of any kind by what so ever means natural or otherwise.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

- xvii. The enforceability of the right of way permission granted here in shall be restricted to the extent of provisions/ scope of service contained in license agreement of the license with department of the purpose of which is granted. Either by content or by intent, the purpose extending of the right of way facility is not to enhance the scope of The Executive Engineer, TWAD Board, RWS Division, Theni.
4. Shifting of Pipe Line as and when required by NH: The Executive Engineer, TWAD Board, RWS Division, Theni shall shift the Pipe Line /ducts within 90 days from the date of issue the notice by the NH, Government of India to shift/relocate the Pipe Line /ducts, in case it is so required for the purpose of improvement/ widening of the road/route/highway or construction of flyover/ bridge and restore the road/ land to original condition to own cost and risk.
  5. Shifting due to 6 lining / widening of NH: After the termination/expiry of the agreement, The Executive Engineer, TWAD Board, RWS Division, Theni shall remove the Pipe Line /ducts within 90 days from the date of issue the notice by the concerned back to the original condition failing which The Executive Engineer, TWAD Board, RWS Division, Theni shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench clearing debris loose earth produced due to execution of trenching at least 50m away from the edge of the right of way.
  6. Traffic movement during lying of Pipe Line to be managed by the applicant: If any traffic diversion works are found necessary during the work period such diversion shall be provided at the cost of The Executive Engineer, TWAD Board, RWS Division, Theni.
  7. If any claim is raised by the concessionaire then the same has to be paid by the applicant: The Executive Engineer, TWAD Board, RWS Division, Theni responsible for full compensation of concerned agency owner for any direct, indirect consequential damage caused to them replacement sought for at the cost and risk of The Executive Engineer, TWAD Board, RWS Division, Theni. The concerned agency in co-ordination with NH shall also have a right to make good damages the claims by invoking of Bank guarantee furnished by The Executive Engineer, TWAD Board, RWS Division, Theni. If the Executive Engineer, TWAD Board, RWS Division, Theni fails to comply with the condition 5 and 6 above to the satisfaction of the NH the same shall be got executed at the cost and risk of The Executive Engineer, TWAD Board, RWS Division, Theni.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

8. We, The Executive Engineer, TWAD Board, RWS Division, Theni, hereby do undertake furnish a performance Bank guarantee @ Rs.100/- per meter for a period of one year initially (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/unsatisfactory compaction/damages caused to other underground installation utility services & interference interruption, disruption of failure caused thereof to any services etc.
9. Not to damage other utility, if damaged, then to pay the losses either to NH or to the concerned agency.
10. In case of the work contemplated herein is not complete to the satisfaction of the NH, which has granted the permission with in a period of 11 months from the date of issue of bank guarantee the period of one year.
11. We will relocate Pipe Line /utilities at our own cost, notwithstanding the permission granted within such time as will be stipulated by NH "for future six-laning or any other development".
12. We, The Executive Engineer, TWAD Board, RWS Division, Theni, hereby undertake that the existing avenue plantation is not effect is due to the present proposed Laying Underground 350 mm Ø DI Water Pipe Line along the Extreme End of NH Boundary Between K.M. 84/175 to 84/250 (LHS), K.M. 84/250 to 96/025 (RHS) & Road Crossing K.M.84/250 of Dindigal - Theni - Kumily Road Section (NH-183), Theni District, Tamilnadu State.
13. We, The Executive Engineer, TWAD Board, RWS Division, Theni, hereby do undertake that the pay fee /rent as mentioned in the ministry guidelines Lr. No. RW/NH-33044/29/2015-S&R(R)(Pt) dated 22.11.2016 as & when asked by NH.
14. We, The Executive Engineer, TWAD Board, RWS Division, Theni, hereby do undertake that the pay fee /rent as mentioned in the ministry guidelines Lr. No. RW/NH-33044/29/2015-S & R (R)(Pt), dated: 22.11.2016 as & when asked by NH.
15. We, The Executive Engineer, TWAD Board, RWS Division, Theni, hereby do undertake to adopt open trench method where the available width of ROW 15.00 m or more & trenchless technology where the available width less than of ROW 15.00 m.
16. We, The Executive Engineer, TWAD Board, RWS Division, Theni, hereby to undertake to HDD method will be adopted for crossings of all cross roads at grade separators at grade junctions, Toll plaza and wherever required and in the buildup areas as per the instructions of NH officials.



**Executive Engineer  
TWAD Board, RWS Division  
Theni.**

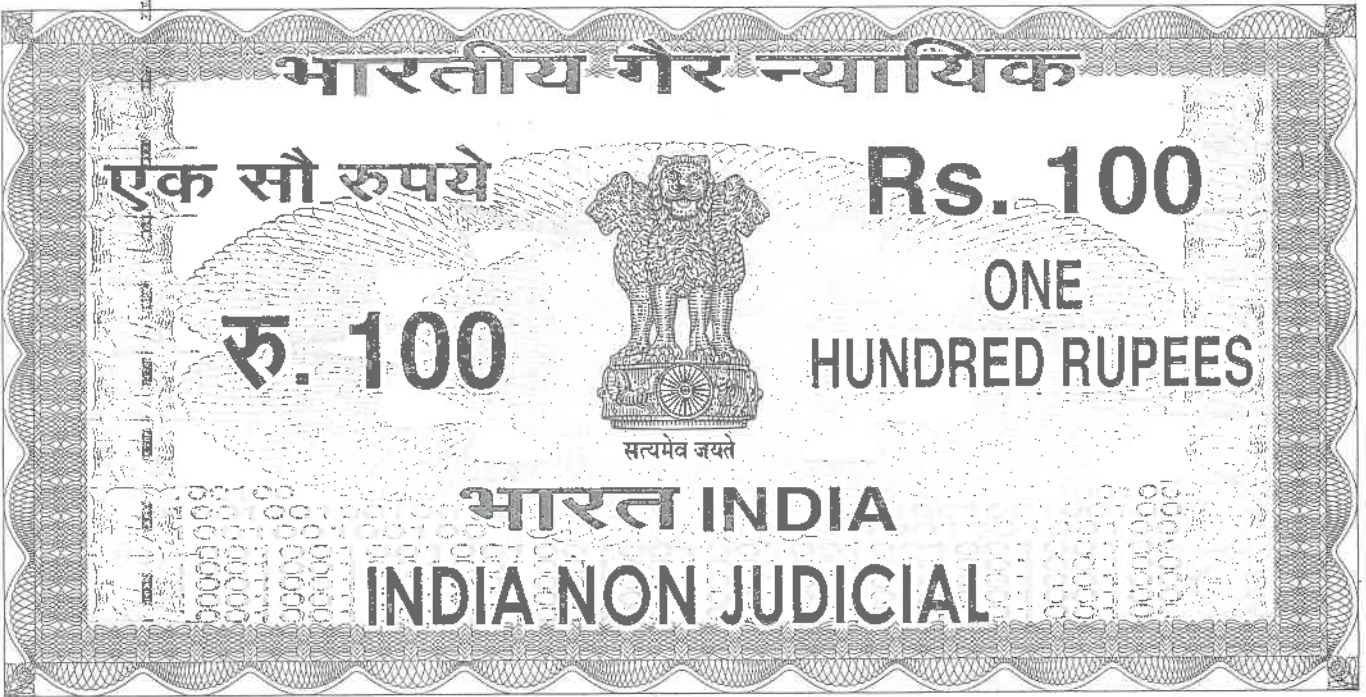
17. Lr. No. RW/NH-33044/29/2015-S & R (R) (Pt), dated: 22.11.2016 as & when asked by NH. Reference circular issued by ministry of Road Transport & Highways, GOI, circular no.RW/NH33044/29/2015-S&R (R) (Pt) dated 22.11.2016. Where in the last paragraph that the highway administration rules 2004 will be modified accordingly. The circular will come effect from the notification of modified highway administration rules. So, we hereby given our content to abide the content of his circular from date of notification by MORT&H, GOI and agree to pay the ground rent any other charges applicable for the section as applied by us.

**For, The Executive Engineer, TWAD Board, RWS Division, Theni.**

(Authorized Signatory)

  
**Executive Engineer  
TWAD Board, RWS Division  
Theni.**





தமிழ்நாடு தமில்நாடு TAMILNADU

DV 303726

10.04.2024

*R. Gopalakrishnan*  
**R.GOPALAKRISHNAN**  
 STAMP VENDOR  
 DOOR No' 24 KVK BUILDING  
 GOPALAPURAM 3rd STREET,  
 COIMBATORE - 641 018.  
 L.No.12096 / B1 / 2010 / 6.

*Executive Engineer*  
*TWAD*  
*Theni*

**Appendix**

Enclosure to Ministry of Road Transport & Highways letter No. 33044 / 29/ 2015 /S&R(R) dated 22.11.2016.

**AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS**  
**FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS**

Agreement to lay Underground 350 mm Ø DI Water Pipe Line along the extreme end of NH Boundary Between K.M. 84/175 to 84/250 (LHS), K.M. 84/250 to 96/025 (RHS) & Road Crossing K.M.84/250 of Dindigal - Theni - Kumily Road Section (NH-183), Theni District, Tamilnadu State.

This Agreement made this \_\_\_\_\_ day of \_\_\_\_\_ (month) \_\_\_\_\_ of (year) between \_\_\_\_\_ acting in his executive capacity through **The Project Director, National Highways Authority of India, (Ministry of Road Transport & Highways), Plot No.1, Aishwaryam Heights, Indira Nager, Sennarnanaickenpatti (Po), Thadikombu Road, Dindigal-624 004**, on the one pan, and **The Executive Engineer, TWAD Board, RWS Division, Theni** a company registered under the Companies Act, 1956 and having its Office at **Theni**, which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

*[Signature]*  
**Executive Engineer**



Whereas the Authority is responsible, inter-alia, for development and maintenance of lands in K.M. 84/175 to 84/250 (LHS), K.M. 84/250 to 96/025 (RHS) & Road Crossing K.M.84/250 of Dindigal - Theni - Kumily Road Section (NH-183), Theni District, Tamilnadu State.

I Whereas the Licensee proposes to lay Pipe Line. Referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility services from K.M. 84/175 to 84/250 (LHS), K.M. 84/250 to 96/025 (RHS) & Road Crossing K.M.84/250 of Dindigal - Theni - Kumily Road Section (NH-183), Theni District, Tamilnadu State.

And whereas the Authority has agreed to grant such permission for way leave on the NH RoW as per terms and conditions hereinafter mentioned.

Now this agreement witnessed that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached hereto subject to the following conditions, namely.

1. Row permissions are only enabling in nature. The purpose of extending the way leave facility on the National Highway Row is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions/scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the Row and any subsequent user will be permitted to use the Row, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfillment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs ...../sq m/month to the Authority. The License fee shall become payable from the date of handing over of ROW land to the Licensee, for laying of utilities/Pipe/conduits/pipelines for infrastructure / service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the ROW. In case of restricted width of ROW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provided for / landscaped with required safety measures as directed by the concerned Authority;
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.20 m below the top of the sub grade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment-I.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Thonk.**

14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
- a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
  - b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
  - c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or bonding will not be permitted.
  - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way;
18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. ....per route meter / Rs..... per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
 Dindigul

20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank. Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility;
21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities / underground installations / facilities etc. The Licensee shall ensure the safety and security of already existing underground installations / utilities / facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages in already existing underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible/ liable for full compensation / indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co- ordination with Authority shall also have a right make good such damages/ recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.



**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 day in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance / repair work-s shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility service is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying Pipe/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land /property. Other than what is herein expressly granted No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of Pipe in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni**



37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
- operation, repair and maintenance guidelines given by the manufacturers,
  - the requirements of Law,
  - the physical conditions at the Site, and
  - The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution hoards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.
42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project Concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MoRT&H/ NH/ implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**



**IN WITNESS WHERE OF THE PARTIES HERE TO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.**

**SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.**

BY SHRI-----

(Signature, name & address with stamp)

**SIGNED ON BEHALF OF THE EXECUTIVE ENGINEER,  
TWAD BOARD, RWS DIVISION, THENI**

BY SHRI-----

(Signature, name & address with stamp)

**HOLDER OF GENERAL POWER OF ATTORNEY DATED. ----- EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. -----, DATED. ----- PASSED BY THE BOARD OF DTRECTOR'S IN THE MEETING HELD ON. -----**

**IN THE PRESENCE OF (WITNESSES):**

1.

  
**ASSISTANT ENGINEER**  
TWAD Board, Maintenance Sub Division  
Theni (P. SELVI)

2.

  
**Assistant Executive Engineer / TWAD**  
Maintenance Sub Division / Theni (V. MANOHARAN)

  
**Executive Engineer**  
TWAD Board, RWS Division  
Theni

**BY REGISTERED POST WITH A.D.**



**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD**  
 No. 1/1, Sambakulam, Ganesh Nagar,  
 Opp. NGR Bus Stand, Mattuthavani, Madurai - 625 007.  
 Phone: 0452 2582054, email: [csrtwad@gmail.com](mailto:csrtwad@gmail.com)



From  
 Er.P. Natarajan, B.E.,  
 Chief Engineer(i/c),  
 TWAD Board,  
 Madurai.

To  
 M/s. Samrat Constructions (JV with)  
 M/s. V. Sathiyamoorthy & Co.,  
 No.85/90, Vettuvapalayam Main Street,  
 Sempampalayam,  
 Nasiyanur,  
 Erode - 638 107

**Lr. No. F. WS to Thappukundu Sipcot/SDO I/ CW/2024/Dt.22.02.2024**

Gentlemen,

Sub : Providing 5.00 MLD Water Supply to SIPCOT Industrial Complex at Thappukundu in Theni District with River Mullaiperiyar as Source as Deposit Work (Period of completion 12 Months, Trial run 6 months and Paid maintenance 24 months) - Tender accepted - work order issued - reg.

Ref : 1. This office IFB No: 25 & 26/ F.Thappukundu W.S.S./ Deposit/ SDO I/ CW /2023/Dt.05.09.2023  
 2. Technical Bid opened on 01.11.2023  
 3. Price bid opened on 12.01.2024  
 4. BP.Ms.No:31/CoM Wing/dated 22.02.2024  
 5. Managing Director, TWAD Board, Chennai Lr.No: F.15544/Thappukundu-Sipcot/AE 6/CoM/2023/dt 22.02.2024

\*\*\*\*\*

For and on behalf of TWAD Board, your tender for the above work is approved for a negotiated value of **Rs.28,90,87,517/- (Rupees Twenty eight crore Ninety lakh Eighty seven thousand Five hundred and Seventeen only)** at (+) 7.34% excess over the departmental Value of **Rs.26,93,18,903/- with GST at 18 %** based on the TWAD Board Schedule of rates for the year 2022-23 and (+) 3.25% excess over the departmental Value of **Rs.27,99,88,664/- with GST at 18 %** based on the TWAD Board Schedule of rates for the year 2023-24

**AND**

**Rs.24,49,89,422/- (Rupees Twenty four crore Forty nine lakh Eighty nine thousand Four hundred and Twenty two only)** at (+) 7.34%

**excess over the departmental Value of Rs.22,82,36,359/- without GST based on the TWAD Board Schedule of rates for the year 2022-23 and 3.25% excess over the departmental Value of Rs.23,72,78,529/- without GST at 18 % based on the TWAD Board Schedule of rates for the year 2023-24 subject to the following conditions.**

- 1) You should remit **Rs. 58,00,000/- (Rupees Fifty eight lakh only)** towards performance Security in any one of the following forms within 28 days from the date of Letter of Acceptance as per Clause 34 of Bid documents (Chapter " G..Award of Contract ")
  - a) NSC / Post Office Savings Deposit account purchased within the State of Tamil Nadu / Preferably in **Theni District** in favour of the **Executive Engineer, TWAD Board, RWS Division, Theni.**
  - b) Unconditional and irrevocable bank guarantee valid up to **31.10.2027** issued by any one of the Nationalised /Scheduled Banks within the State of Tamil Nadu
- 2) Along with the Performance Security, you should deliver a non-judicial stamp paper for Rs.100.00 (Rupees One hundred only) at your cost for executing the agreement for the above work.
- 3) You may execute an Indemnity bond in lieu of the recovery of 40% in each bill in the prescribed form in a non-judicial stamp paper for a value of Rs.100.00, at your cost towards water tightness and structural stability of the Reservoir/ Water/ liquid retaining Structure, as per clause 43 under V. Payment and Recoveries of Bid documents.
- 4) You should employ the Technical Staff (viz) One Project Manager, B.E.(Civil) or equivalent with 15 years experience, One Deputy Project Manager, B.E.(Civil) or equivalent with 10 years experience and Two Resident Engineer, B.E.(Civil)/ Mechanical/ Electrical or equivalent with 5 years experience as per Clause-10. "Supervision" of "General conditions of Contract". Failing which, penalty will be imposed at the rate specified in the above clause. The Original/Certified copy of Certificate of Technical Qualification along with the consent of the Technical Staff to

work for this scheme should be furnished. The original certificate thus produced will be returned to you, after verification.

- 5) You should furnish the copy of Registered Joint Venture Agreement executed between **M/s. Samrat Constructions, Erode (JV with) M/s. V. Sathiyamoorthy & Co., Erode** to this office within 28 days from the date of Letter of Acceptance (LOA) or before concluding agreement whichever is earlier as per clause 6.5.4 under B. Eligibility / Qualification Criteria.
- 6) You are requested to contact the **Executive Engineer, TWAD Board, RWS Division, Theni** for commencing the work and to produce the programme schedule showing the general methods, arrangements, order and timings for all the activities in this work within 7 days from the date of signing the agreement, to the above Executive Engineer for approval.
- 7) Bid Security of **Rs.21,00,000/- (Rupees Twenty one lakh only) through Online payment** along with your tender will be returned to you after receipt of the aforesaid performance security and signed the Agreement.
- 8) You must start the work within twenty eight days from the date of issue of work order and complete the entire project in all respects within **12 months for construction work, 6 months for trial run and Maintenance for a period of 24 Months**, successful commissioning for proof of guarantee performance as per clause 37 & 38 under IV. Programme Schedule of bid document.
- 9) You are informed that the items quoted by you with violent excess percentage i.e., (+) 25 % and above over the departmental rate should not ordinarily exceed the departmental quantity during execution of work. If any involved during execution on those items, department rates (SOR 2022 - 2023) shall only be allowed for the excess quantity of works. Further, the items quoted with violent less percentage i.e., (-) 10 % and below than the departmental value shall not be ordinarily omitted or reduced during execution of works.

- 10) You are requested to sign the duplicate copy of the work order enclosed herewith and send the same to this office as a token of your acceptance.

The receipt of this letter may be acknowledged.

**Encl:** - Duplicate copy of work order

Sd/P.Natarajan, dt.22.02.2024  
Chief Engineer(I/c),  
TWAD Board, Madurai

Copy submitted to the Managing Director, TWAD Board, Chennai for favour of information.

Copy with copy of the Managing Director's letter No: 15544/Thappukundu-Sipcot/AE 6/CoM/2023/dt 22.02.2024 with B.P.Ms.No. 31/CoM Wing/dated 22.02.2024 is communicated to the **Superintending Engineer / TWAD Board / MDT Circle / Madurai** for information and necessary follow up action. The Superintending Engineer is requested to adhere the Managing Director's instructions therein without any lapse.

Copy with copy of the Managing Director's letter No.: 15544/Thappukundu-Sipcot/AE 6/CoM/2023/dt 22.02.2024 with B.P.Ms.No. 31/CoM Wing/dated 22.02.2024 is communicated to the **Executive Engineer, TWAD Board, RWS Division, Theni** for necessary action. The Executive Engineer is requested to adhere the Managing Director's instructions therein without any lapse. Further the Executive Engineer is requested to show restraint in execution of works under the following category by due observance of procedure.

- Items quoted with violent excess percentage i.e., (+) 25 % and above over the departmental rate should not ordinarily exceed the departmental quantity during execution. Department rates (SOR 2022 - 2023) shall only be allowed for the excess quantity if any involved during execution those items.

- The items quoted with violent less percentage i.e., (-) 10 % and below than the departmental value shall not be ordinarily omitted or reduced during execution.

  
For Chief Engineer,  
TWAD Board, Madurai

G  
22/12/24





भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन और राजमार्ग-मंत्रालय, भारत सरकार)  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways, Government of India)

परियोजना कार्यान्वयन इकाई - डिंडिगल / Project Implementation Unit - Dindigul  
प्लॉट नं.1, ऐश्वर्यम हाइट्स, इंदिरा नगर, सेन्नामनाइकेनपट्टी (पो), थाडिकोम्बु रोड, डिंडिगल - 624 004  
Plot No.1, Aishwaryam Heights, Indira Nagar, Sennamanaickenpatti (P.O), Thadikombu Road, Dindigul - 624 004  
दूरभाष / Tele: +91-451 2904199 वेब / Web: www.nhai.org ई-मेल / E-mail: piudindigul@nhai.org, dindigulpiu@gmail.com



NHAI/PIU/DGL/11014/10/DTK/NOC/2024/E-251903/1965

04.10.2024

सेवा में/To,

क्षेत्रीय अधिकारी/ The Regional Officer,

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/ National Highways Authority of India,

क्षेत्रीय कार्यालय, मदुरै/ Regional Office, Madurai

दूसरी और तीसरी मंजिल, विजय कृष्णा प्लाजा नंबर 1/2<sup>nd</sup> & 3<sup>rd</sup> Floor, Vijay Krishna Plaza,  
लेक एरिया, मेलूर मेन रोड/ Lake Area, Melur Main Road,

मट्टुथवानी, मदुरै - 625 107/ Mattuthavani, Madurai - 625 107.

**विषय/Sub:** NHAI - PIU, Dindigul - ROW Permission - Operation & Maintenance of Two laning with Paved Shoulders of Dindigul - Theni - Kumili section from Km 2+750 to Km 136+543 of NH-183 (Old NH-45E & 220) in the State of Tamil Nadu - Proposed laying of water pipeline to SIPCOT Industrial Complex at Thappugunda in Theni District - Laying Underground 350mm DI water pipeline along the extreme end of NH Boundary between Km 84+175 to 84+250 (LHS), Km 84+250 to 96+025 (RHS) & Road Crossing at Km 84+250 of Dindigul - Theni - Kumili Road Section (NH-183) by open trench & HDD Method in Theni District - Approval Requested - reg.

**संदर्भ/Ref:** (i) Applicant's letter no. 62/F.SIPCOT/NHAI/JDO/RWS/TNI/2024 dated 29.05.2024  
(ii) This office letter no. NHAI/PIU/DGL/11014/10/DTK/NOC/2024/868 dated 27.04.2024  
(iii) Supervision Consultant Letter no. LNMIPPL/NHAI/Dindigul-Kumili/2024-25/67 dated 24.04.2024  
(iv) NHAI/PIU/DGL/11014/10/DTK/NOC/TWAD/2024/791 dated 15.04.2024  
(v) Applicant's letter no. 62/D/SIPCOT/RWS/TN2/2024 dated 12.04.2024 (received on 15.04.2024)  
(vi) This office letter No. NHAI/PIU/DGL/11014/10/DTK/NOC/2024/E-251903/1129 dated 11.06.2024  
(vii) RO Madurai email dated 15.06.2024.  
(viii) This office letter No. NHAI/PIU/DGL/11014/10/DTK/NOC/2024/E-251903/1186 dated 21.06.2024  
(ix) Applicant's letter no. F. SIPCOT/DO/RWS/TNI/2024 dated 16.08.2024 (received on 23.08.2024)  
(x) Supervision Consultant Letter no. LNMIPPL/NHAI/Dindigul-Kumili/2024-25/128 dated 10.09.2024.

महोदय/ Sir,

Earlier vide this office letter ref.6<sup>th</sup> cited has recommended proposal for **laying of water pipeline to SIPCOT Industrial Complex at Thappugunda in Theni District - Laying Underground 350mm DI water pipeline along the extreme end of NH Boundary between Km 84+175 to 84+250 (LHS), Km 84+250 to 96+025 (RHS) & Road Crossing at**

Corporate Office : G-5 & 6, Sector-10, Dwarka, New Delhi - 110 075. Tel : 011-2507 4100 / 2507 4200 Website : www.nhai.gov.in

Regional Office : 2<sup>nd</sup> & 3<sup>rd</sup> Floor, Vijay Krishna Plaza, No.1, Lake Area, Melur Main Road, Mattuthavani, Madurai - 625 107. Ph: +91 452-2588999 E-mail: romadurai@nhai.org

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# L.N. MALVIYA INFRA PROJECTS PVT.LTD.

**Project Office:** No.1438/11 W3, Amman Nagar,  
Nippon Furniture Street, Palanichettipatti, Theni-625531, Tamilnadu  
E-mail: [dindigulkumililm@gmail.com](mailto:dindigulkumililm@gmail.com). Website: [www.lninfra.com](http://www.lninfra.com)

**Our Ref:** LNMIPPL/NHAI/Dindigul-Kumili/2024-25/128

**Date:** 10.09.2024

To,

The GM (Tech)-cum-The Project Director,  
National Highway Authority of India,  
Project Implementation Unit,  
Plot No: 1, Aishwarya Heights, Indira Nagar,  
Chennammaickanpatti (PO), Thadikombu Road,  
Dindigul- 624 004.  
Email: [dindigulpiu@gmail.com](mailto:dindigulpiu@gmail.com)



**Sub:** "Consultancy services for Supervision Consultants (SC) of Operation & Maintenance of Two laning with paved shoulder of Dindigul-Theni- Kumili section from Km: 2.750 to Km: 136.543 of NH-183 (Old NH-45E & 220) in the state of Tamil Nadu": *Proposed laying of water pipeline to SIPCOT Industrial complex at Thappugundu in Theni District - Laying Underground 350mm DI water pipeline along the extreme end of NH boundary between Km. 84+175 to 84+250 (LHS), Km.84+250 to 96+025 (RHS) & Road crossing Km. 84+250 of Dindigul - Theni - Kumili Road section (NH-183) by open trench & HDD method in Theni District - NOC Permission - Requested - Reg.*

**Ref:** NHAI, PIU letter No:

1. NHAI/PIU/DGL/11014/10/DTK/NOC/TWAD/2024/1712 dated: 28.08.2024
2. NHAI/PIU/DGL/11014/10/DTK/NOC/TWAD/2024/791 dated: 15.04.2024

Our letter No.

1. LNMIPPL/NHAI/Dindigul-Kumili/2024-25/67 dated 24.04.2024

Dear Sir,

Reference made to the NHAI, PIU letter No: 1712 regarding the proposal received from the Executive Engineer, TWAD Board, RWS Division, Theni for laying of 350mm dia. DI water supply pipeline along NH from Km. 84+175 to Km. 84+250 (LHS) - 75m and from Km. 84+250 to Km. 96+025 (RHS) - 11775m and crossing at Km. 84+250 by HDD method. We inspected the site and submitting our reply /comments as under:

The submitted proposal has been reviewed and found satisfactory in accordance to the MoRTH Circular No. RW/NH-III-34044/27/2005-S&R dated 22.11.2016. The available Right of way at the stretch from 89+200 to 93+100 is lesser than 30.00m. (due to the deletion of Seelaiyampatti bypass). Accordingly, we are here with recommending that, the permission for the afore said proposal can be issued by the Authority.

This is for your kind information and necessary actions please.

Thanking you our best and assuring services at all times.

Yours Sincerely,

*K Jayachandran*  
K Jayachandran,  
Highway Maintenance cum Resident Engineer,  
For M/s L N Malviya Infra Projects Pvt., Ltd.,  
Theni

**Copy to:** M/s L N Malviya Infra Projects Pvt. Ltd, Bhopal

**Head Office:** T-10, 3<sup>rd</sup> Floor, City Centre, Press Complex, Plot No 85 M. P. Nagar, Zone-I, Bhopal (M.P.) 462 011, Tel./Fax: 0755-429542  
Mob.: 9826452711, 7773000871, 9617777944. E-mail: [lnmalviya@rediffmail.com](mailto:lnmalviya@rediffmail.com), website: [www.lninfra.com](http://www.lninfra.com)

**Name of Work :** Laying of under ground 350 mm DI Water supply pipe line along the extreme end of NH Boundary between K.M. 84/175 to 84/250 (LHS), K.M.84/250 to 96/025 (RHS) and Road crossing K.M.84/250 of Dindigal - Theni - Kumily Road section (NH-183) in Theni District – For Providing Water supply scheme to SIPCOT industrial Complex at Thappukundu in Theni District.

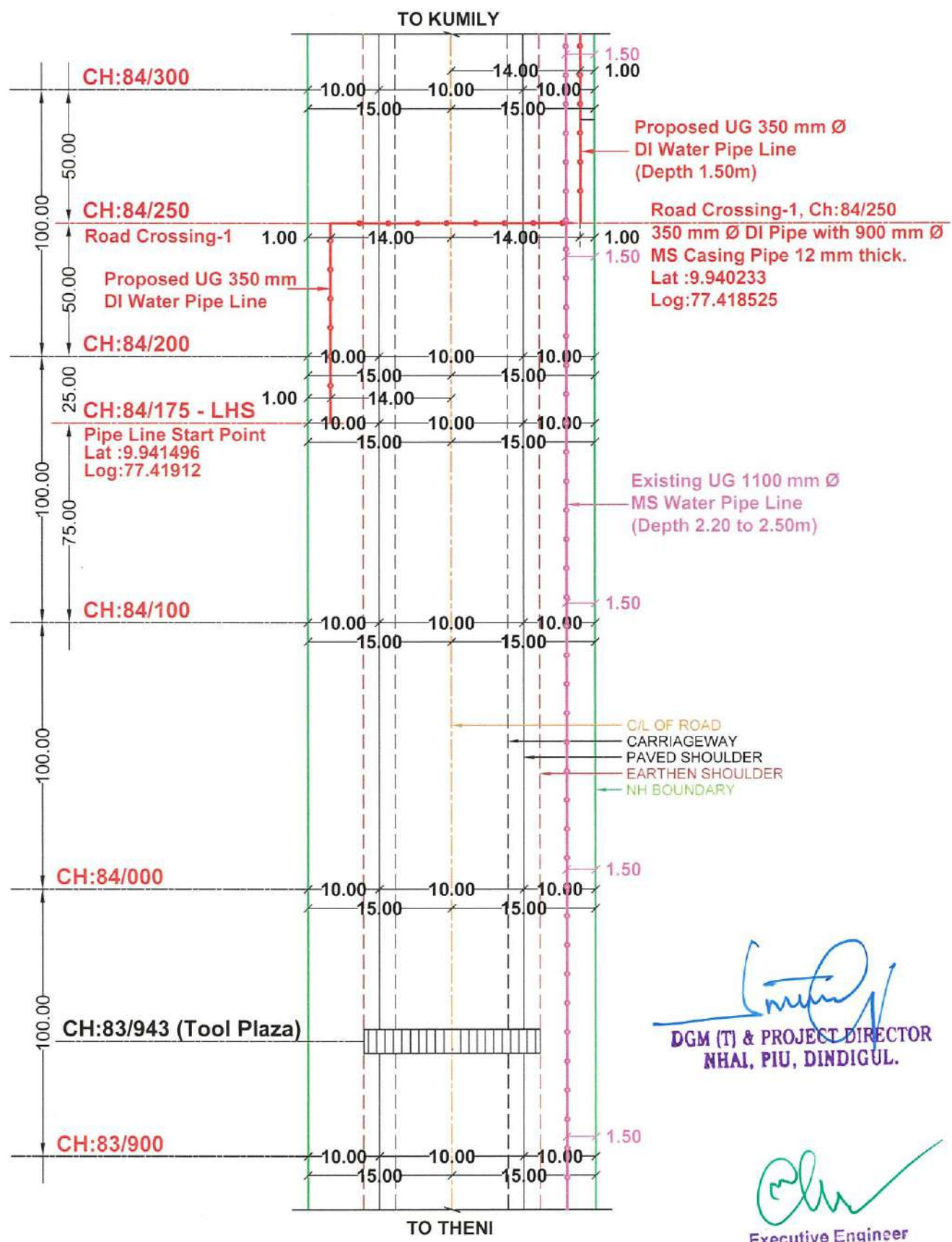


**REVISED PROPOSAL**

**TWAD BOARD  
RWS DIVISION, THENI**



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL.**

*[Signature]*  
**Executive Engineer  
TWAD Board, RWS Division  
Theni**

**LEGEND :**

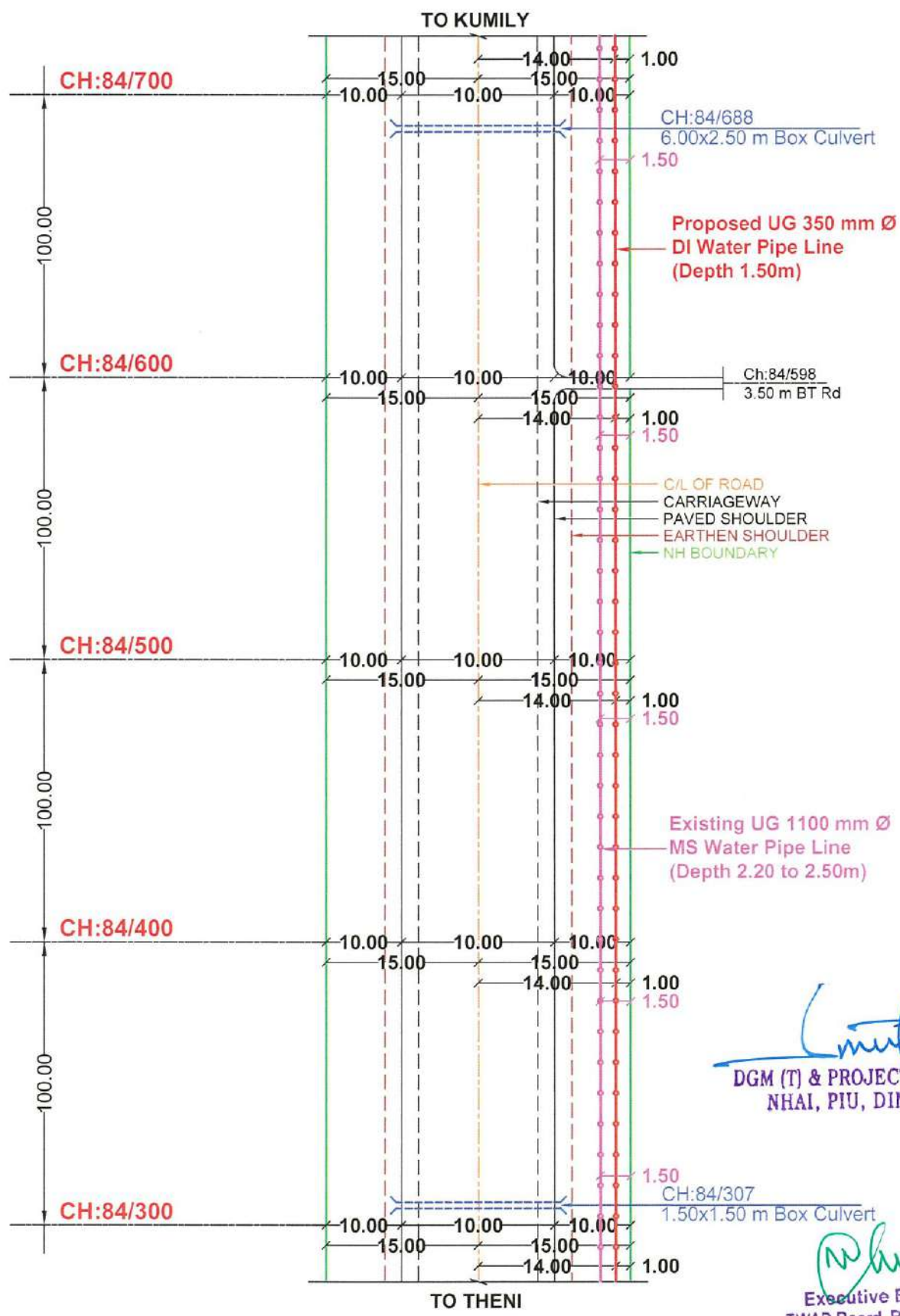
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'

SCALE	SHEET NO
X - NTS	01
Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**LEGEND :**

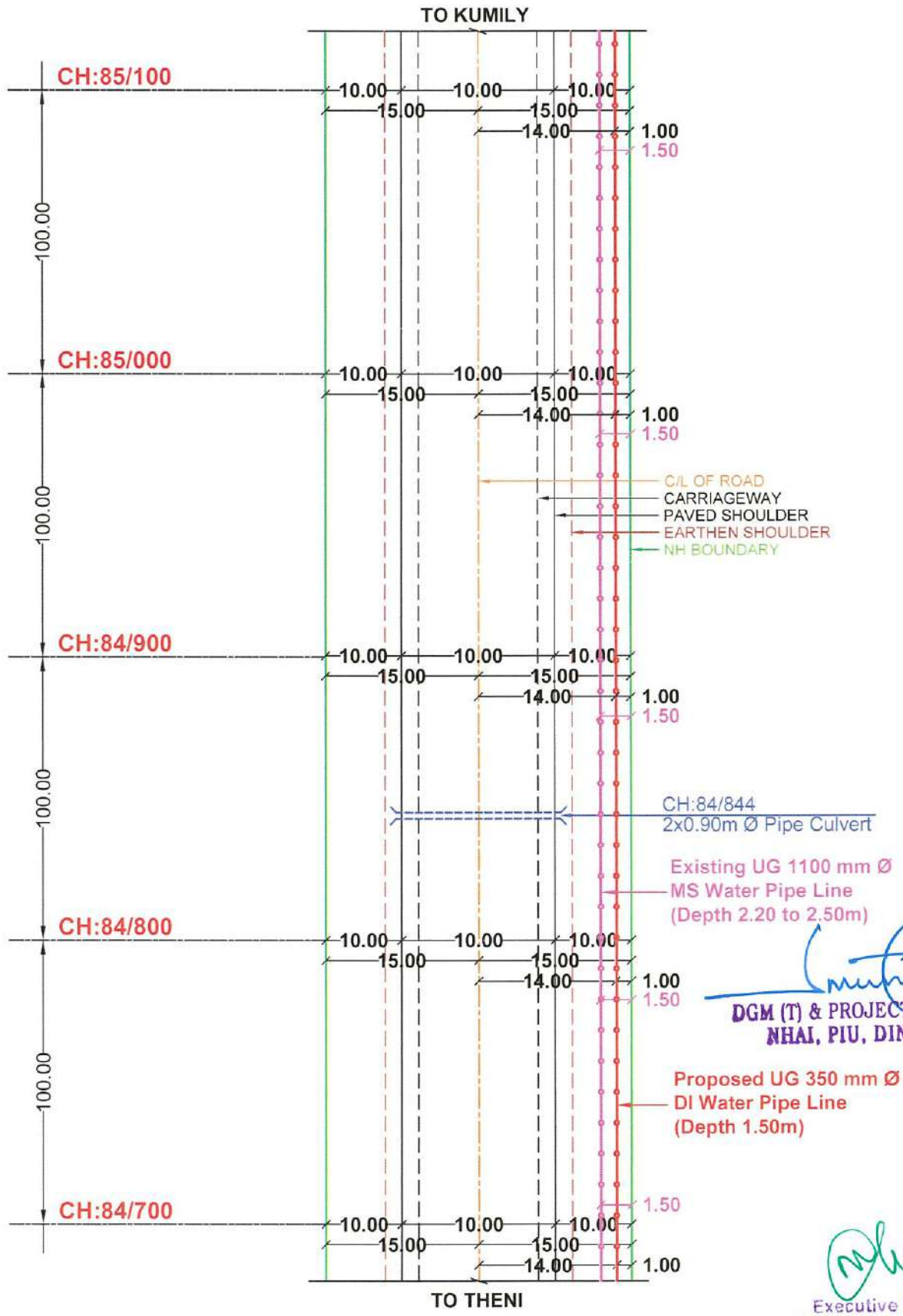
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	02
Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

*[Signature]*  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

**LEGEND :**

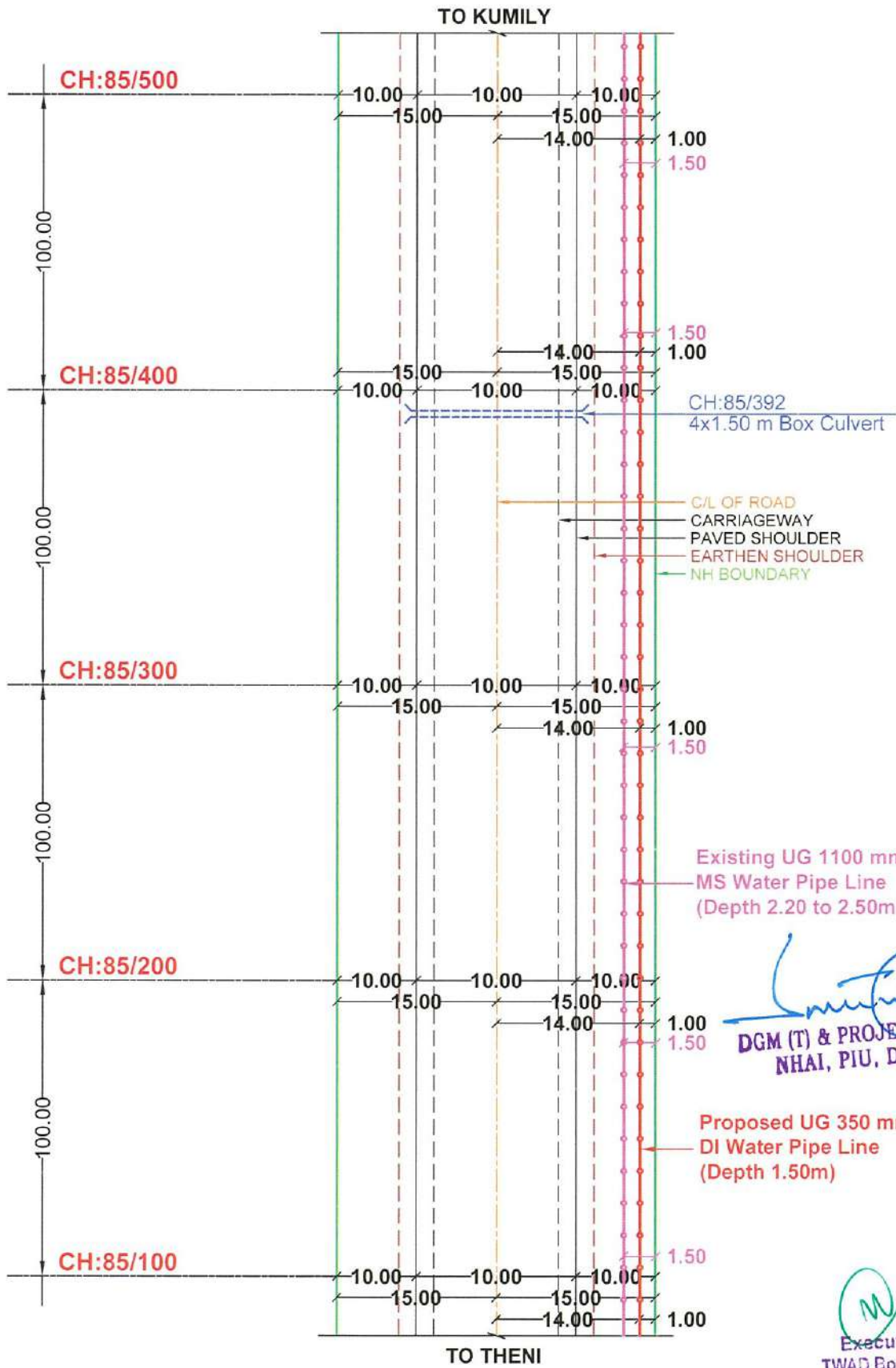
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	03
Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

**LEGEND :**

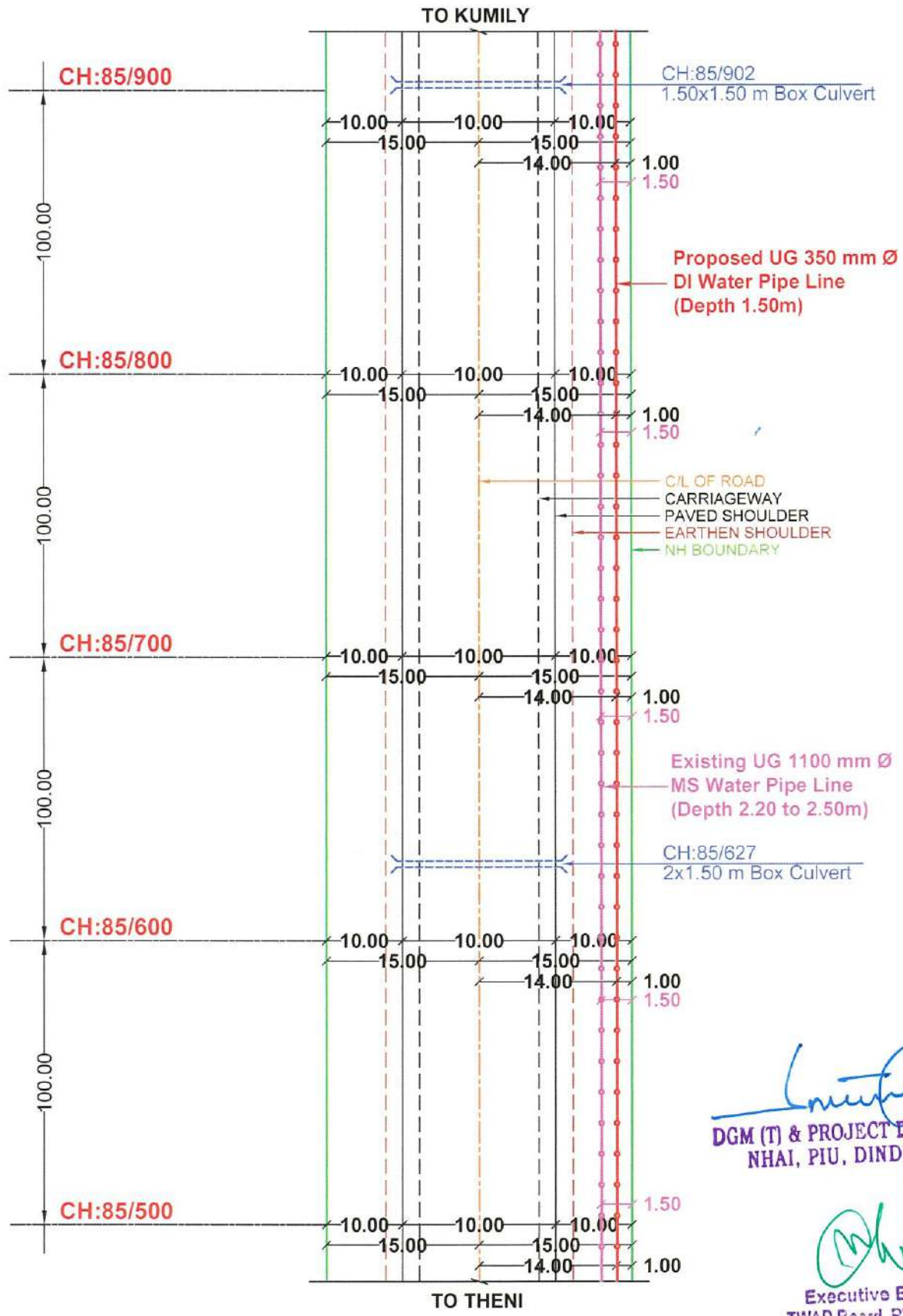
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

90

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	04
Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

**LEGEND :**

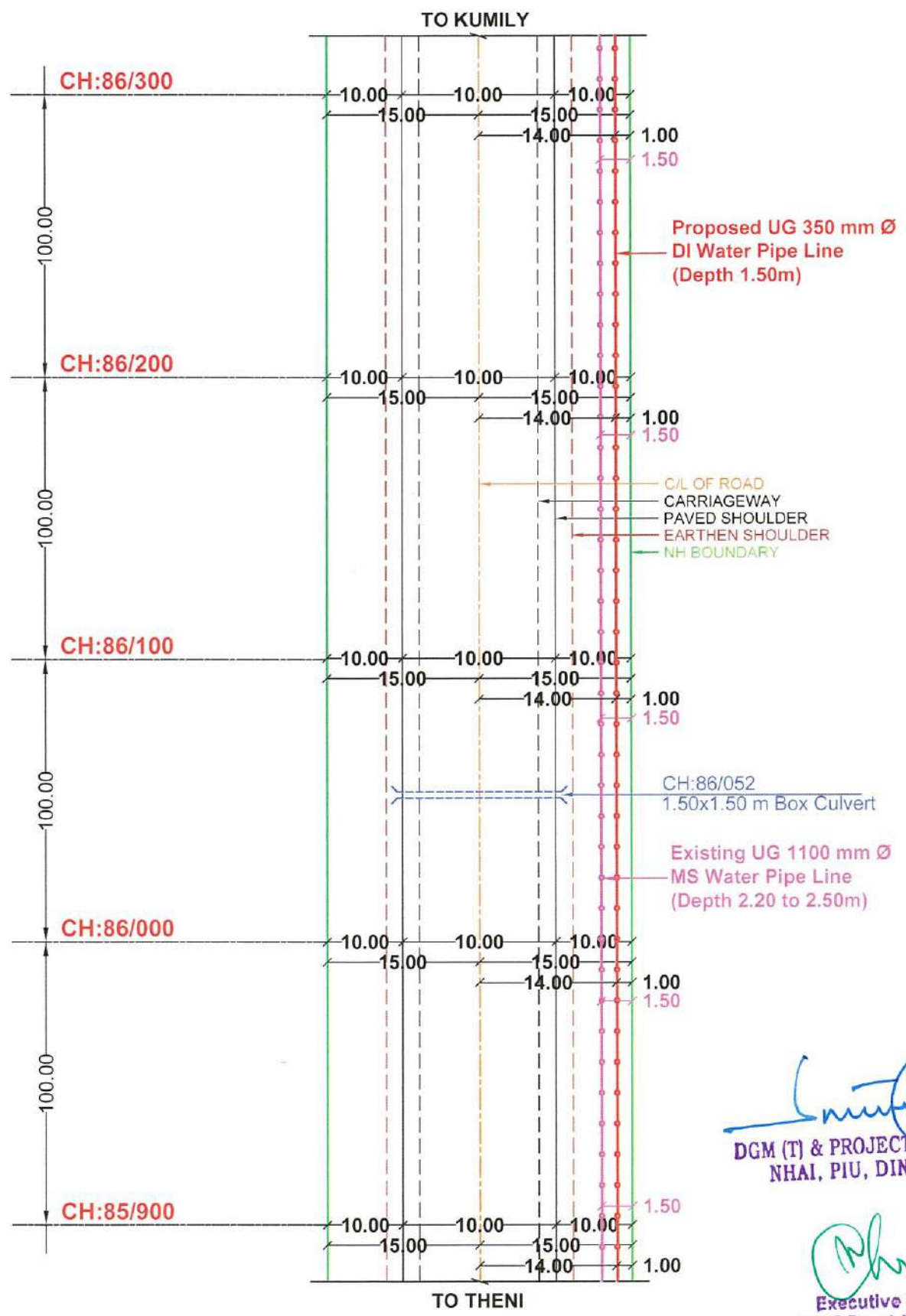
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	05
Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

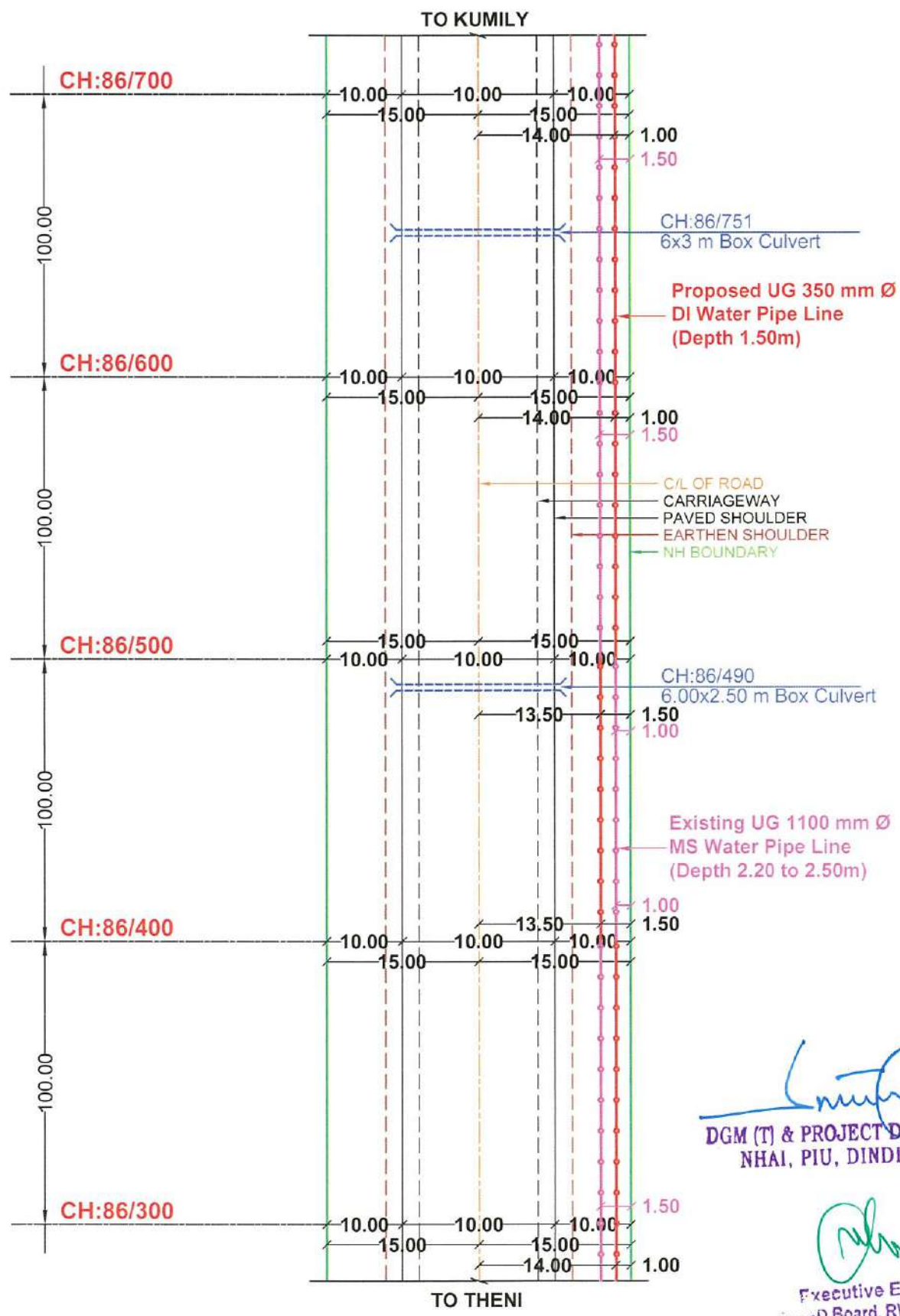
**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	06
Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL

*[Signature]*  
**Executive Engineer**  
 ROAD Board, RWS Division  
 Theni.

**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

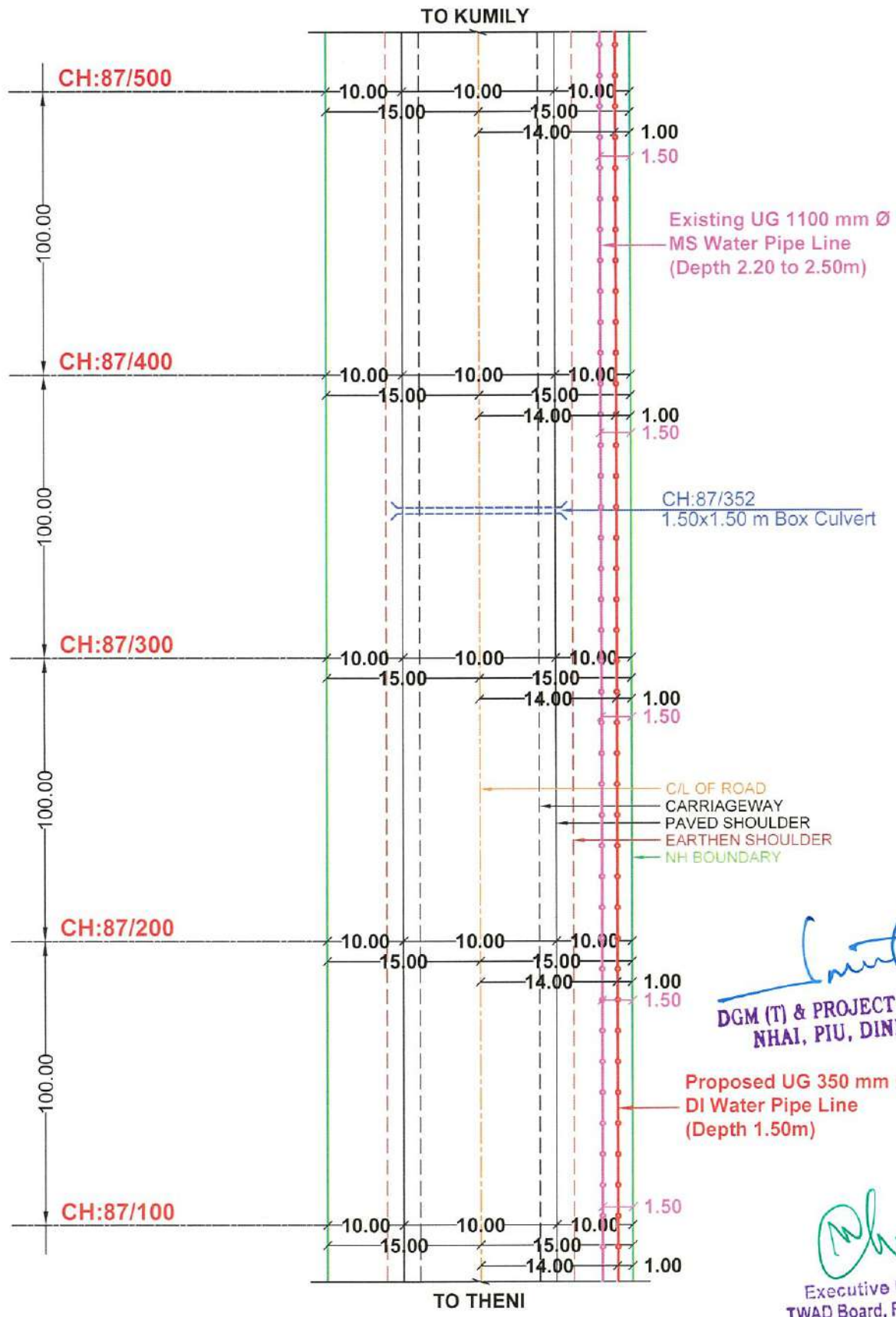
	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	07
Y - 1: 2500	





**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

**LEGEND :**

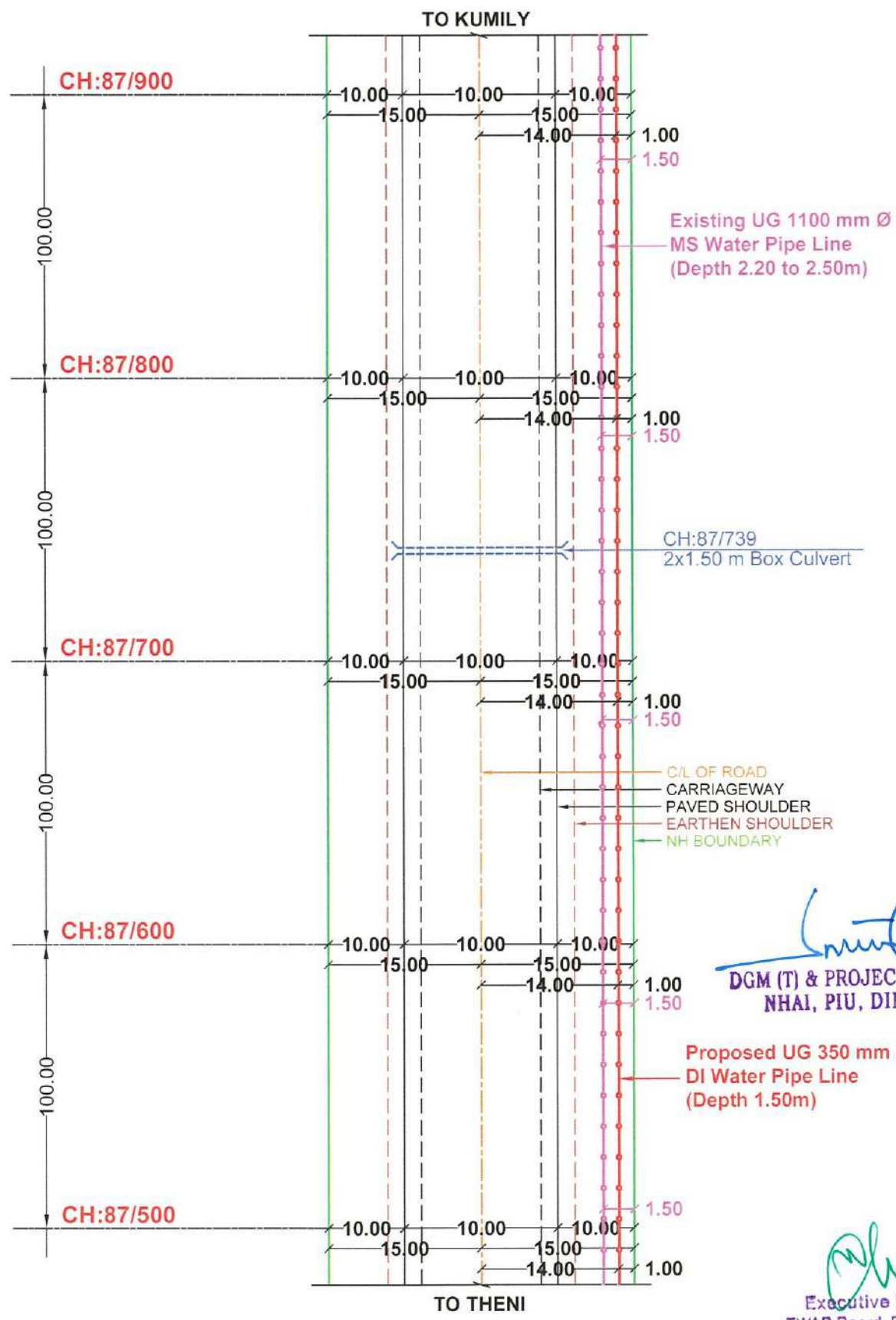
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	09
Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

*[Signature]*  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

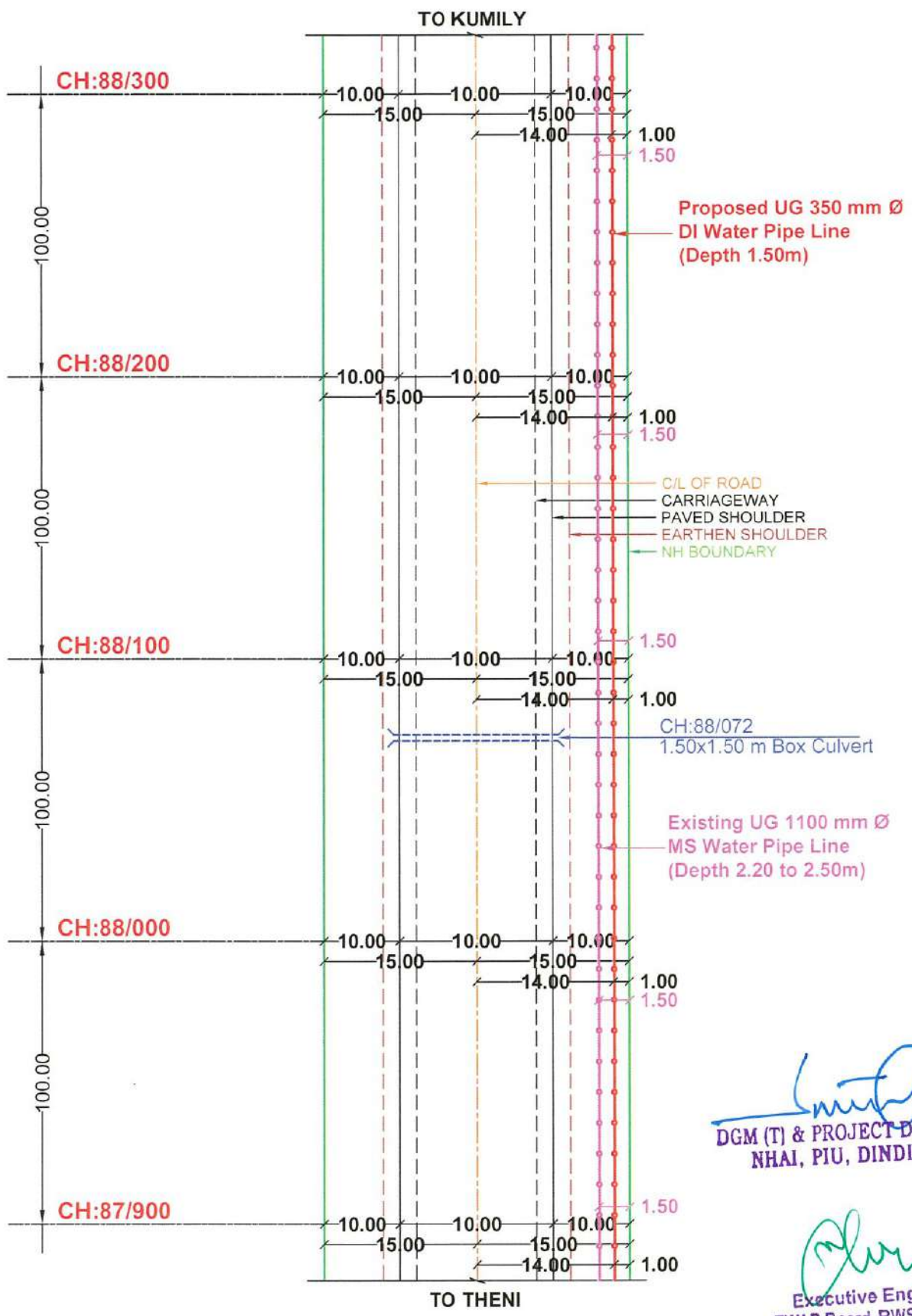
**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	10
Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL.

*[Signature]*  
Executive Engineer  
TWAD Board, RWS Division  
Theni.

**LEGEND :**

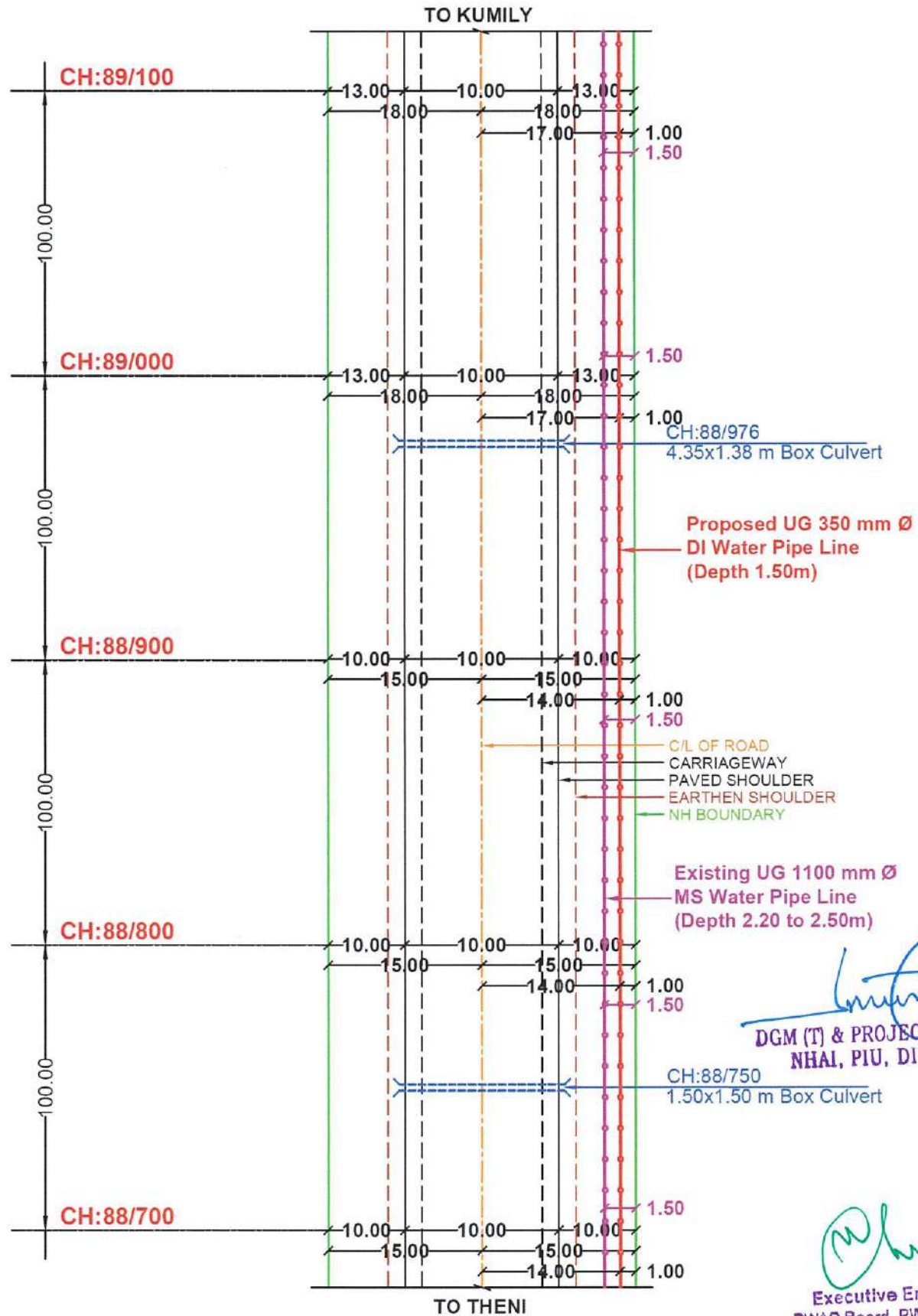
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	11
Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY BETWEEN OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
 DGM (T) & PROJECT DIRECTOR  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
 Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

**LEGEND :**

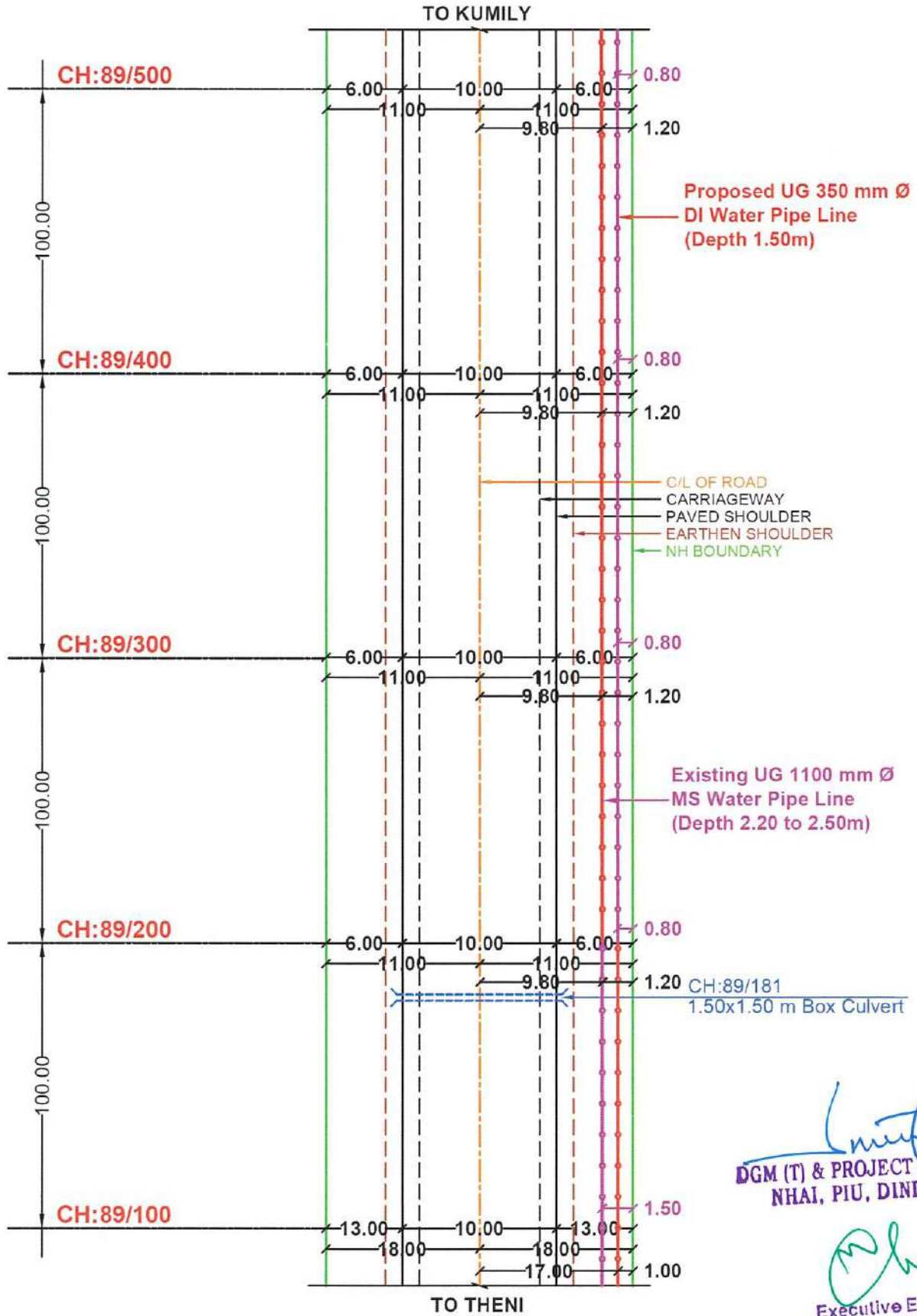
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

98

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	13
Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
TWAD Board, RWS Division  
Theni.

**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

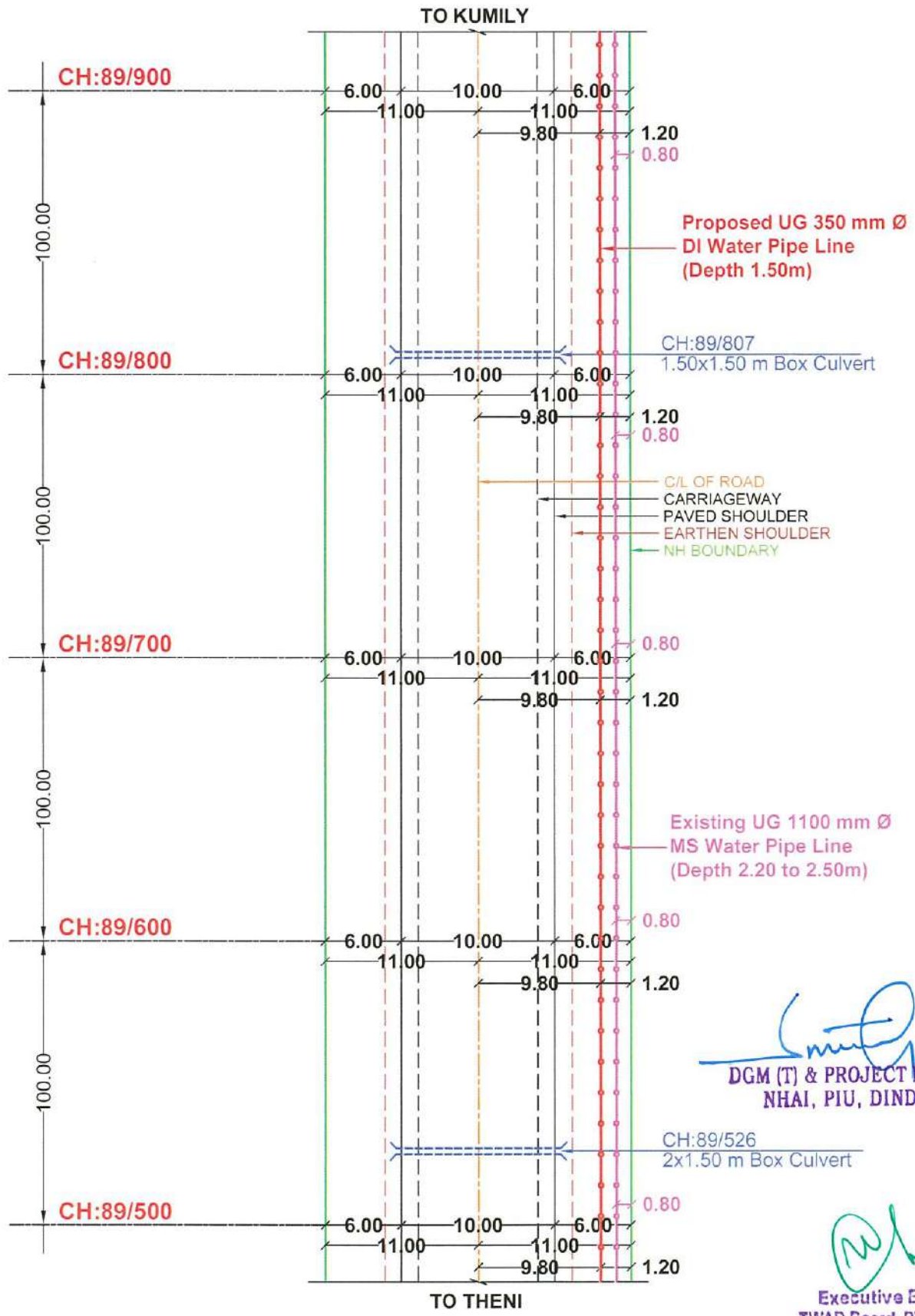
	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

99

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	14
Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

**LEGEND :**

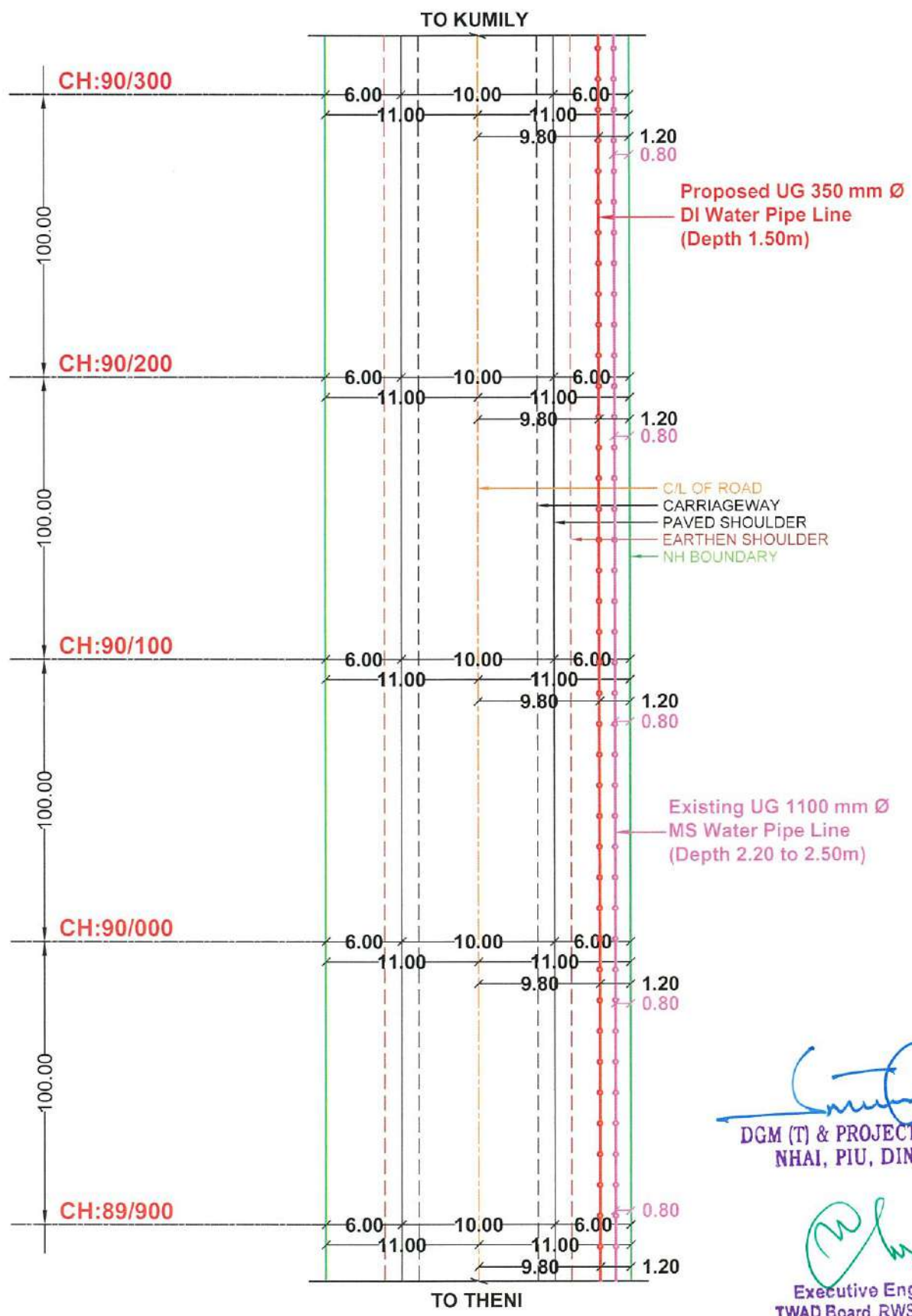
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

100

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	15
Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

**LEGEND :**

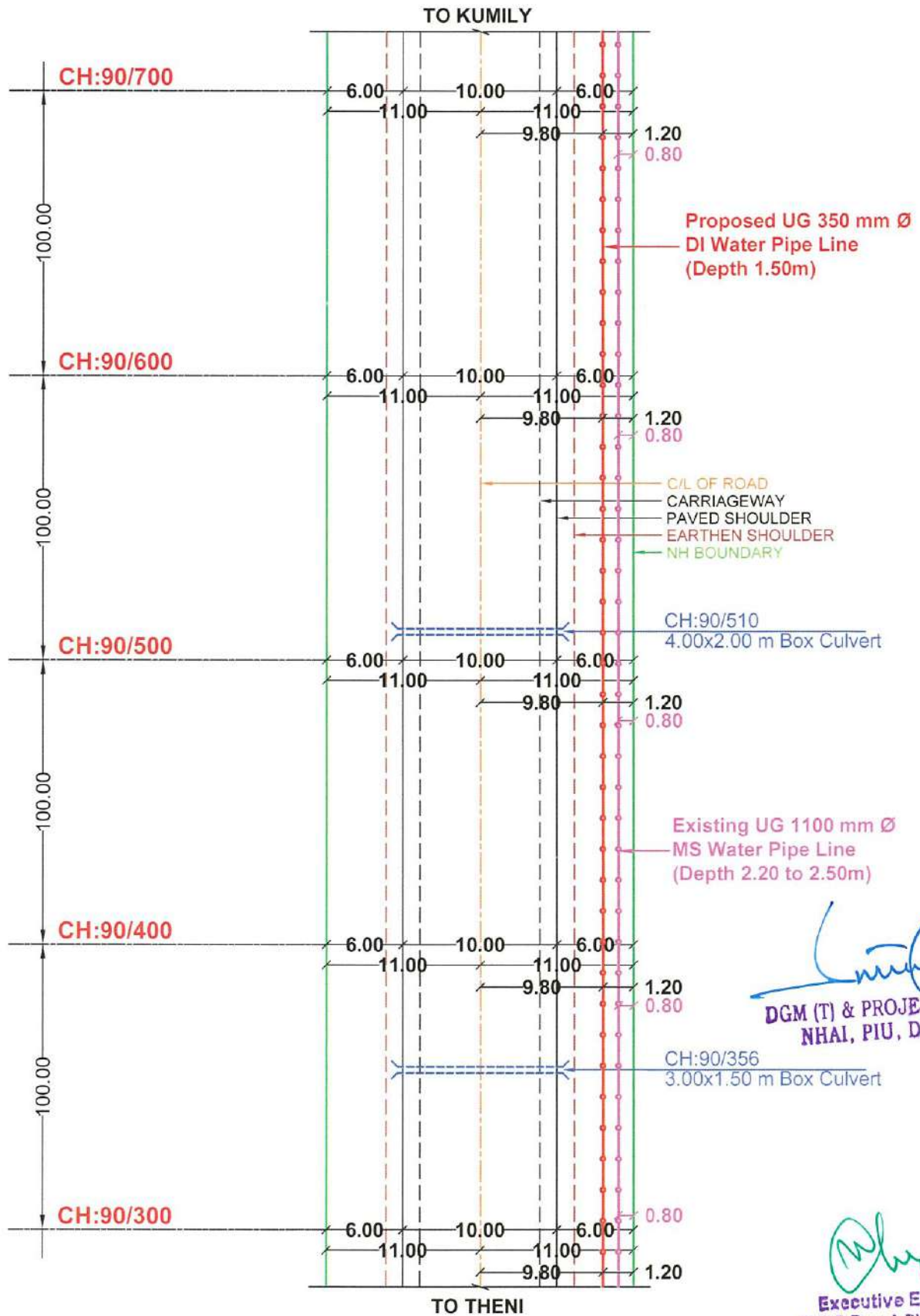
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	16
Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



**LEGEND :**

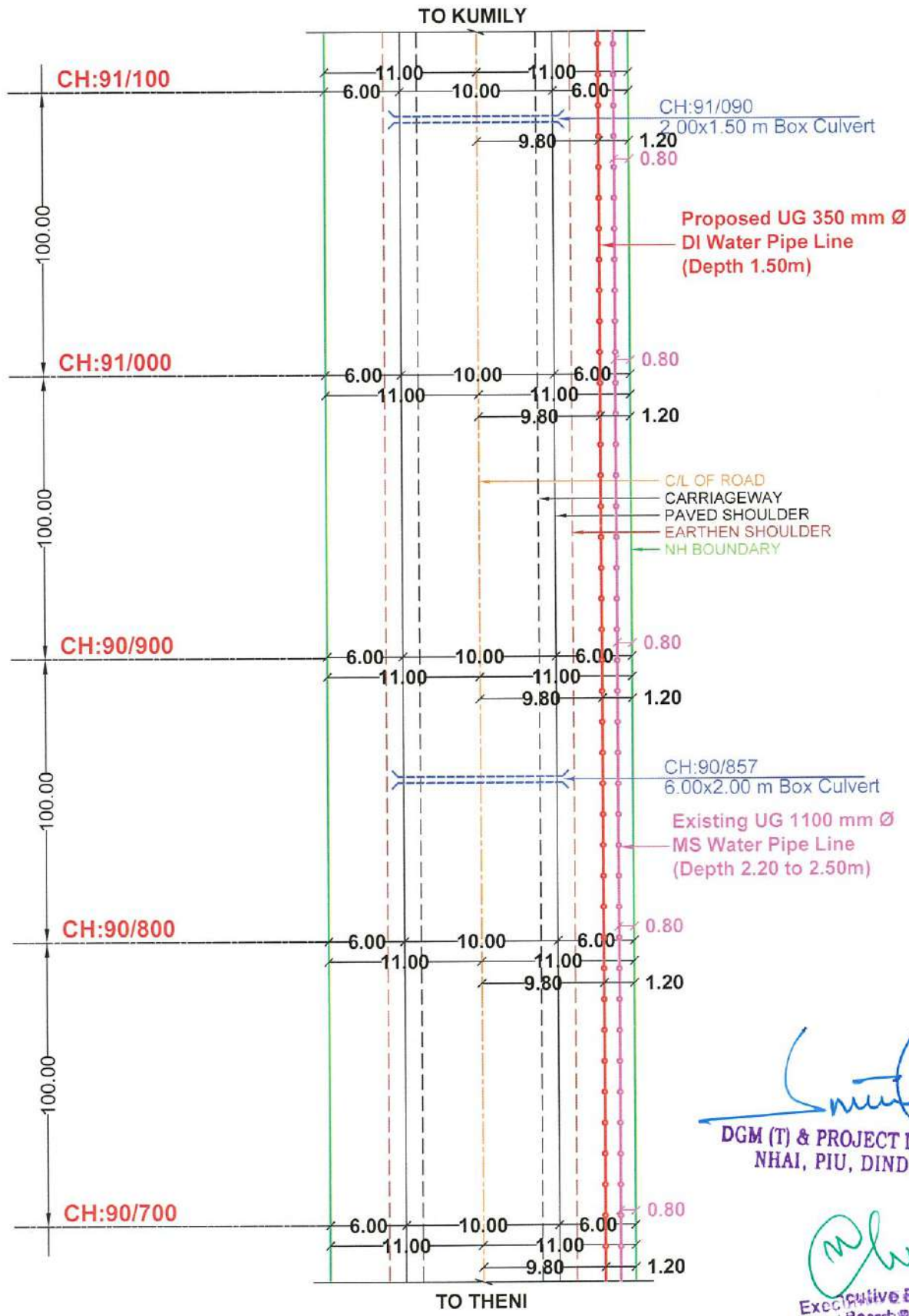
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

102

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	17
Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL.

*[Signature]*  
Executive Engineer  
Board, RWS Division  
T. Theni.

**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

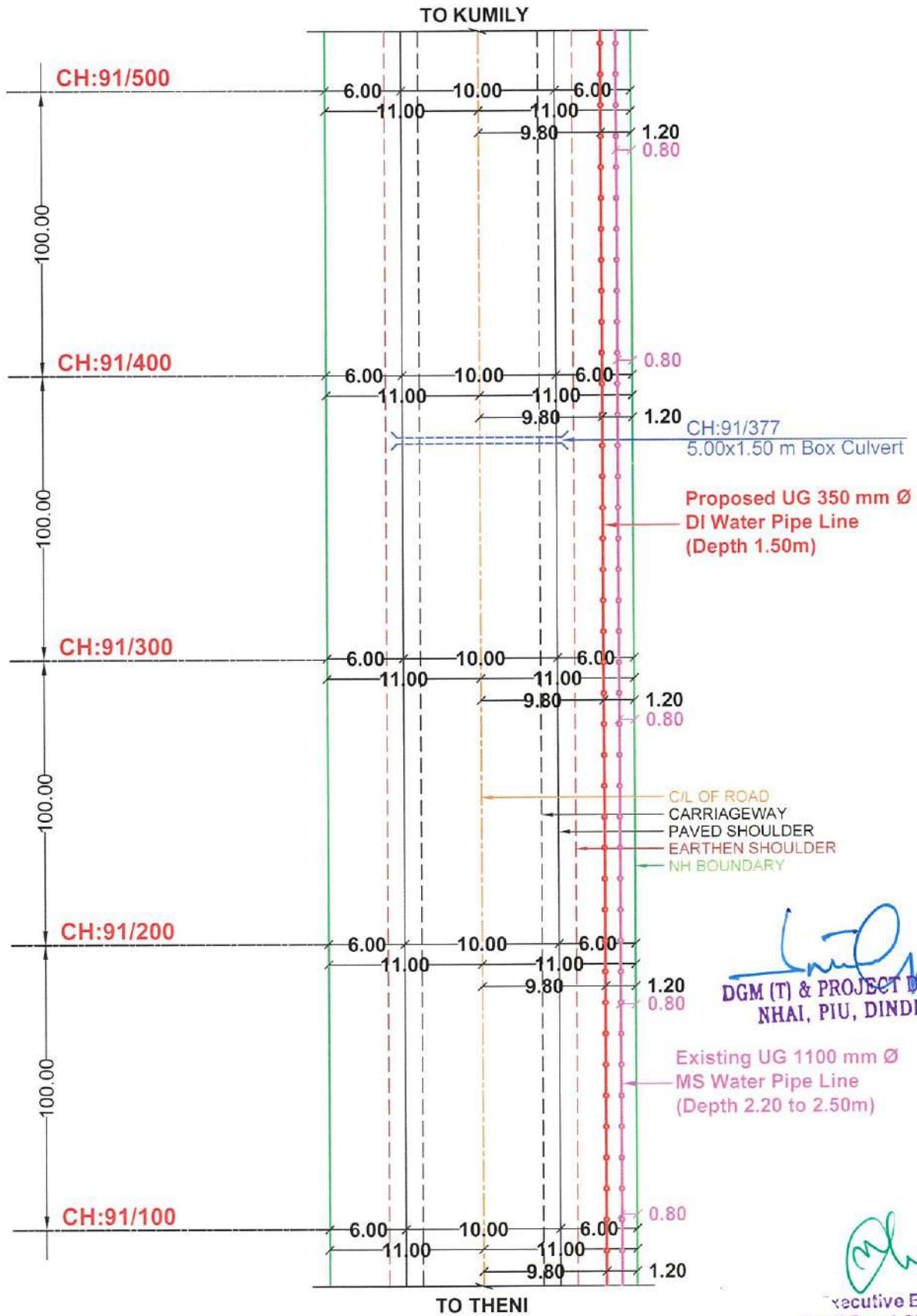
	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

103

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	18
Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

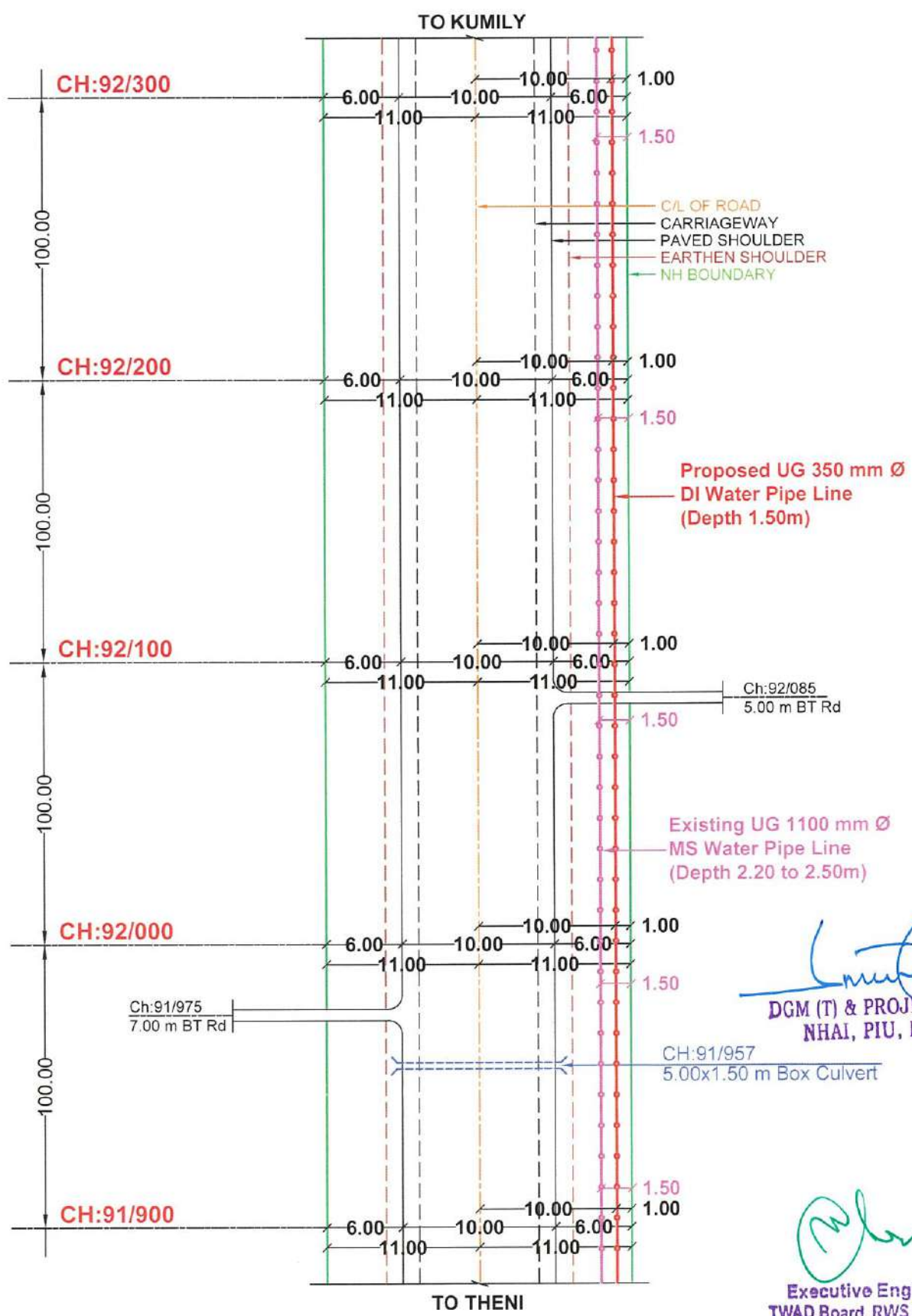
	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	19
Y - 1: 2500	





**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL.

*[Signature]*  
Executive Engineer  
TWAD Board, RWS Division  
Theni.

**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

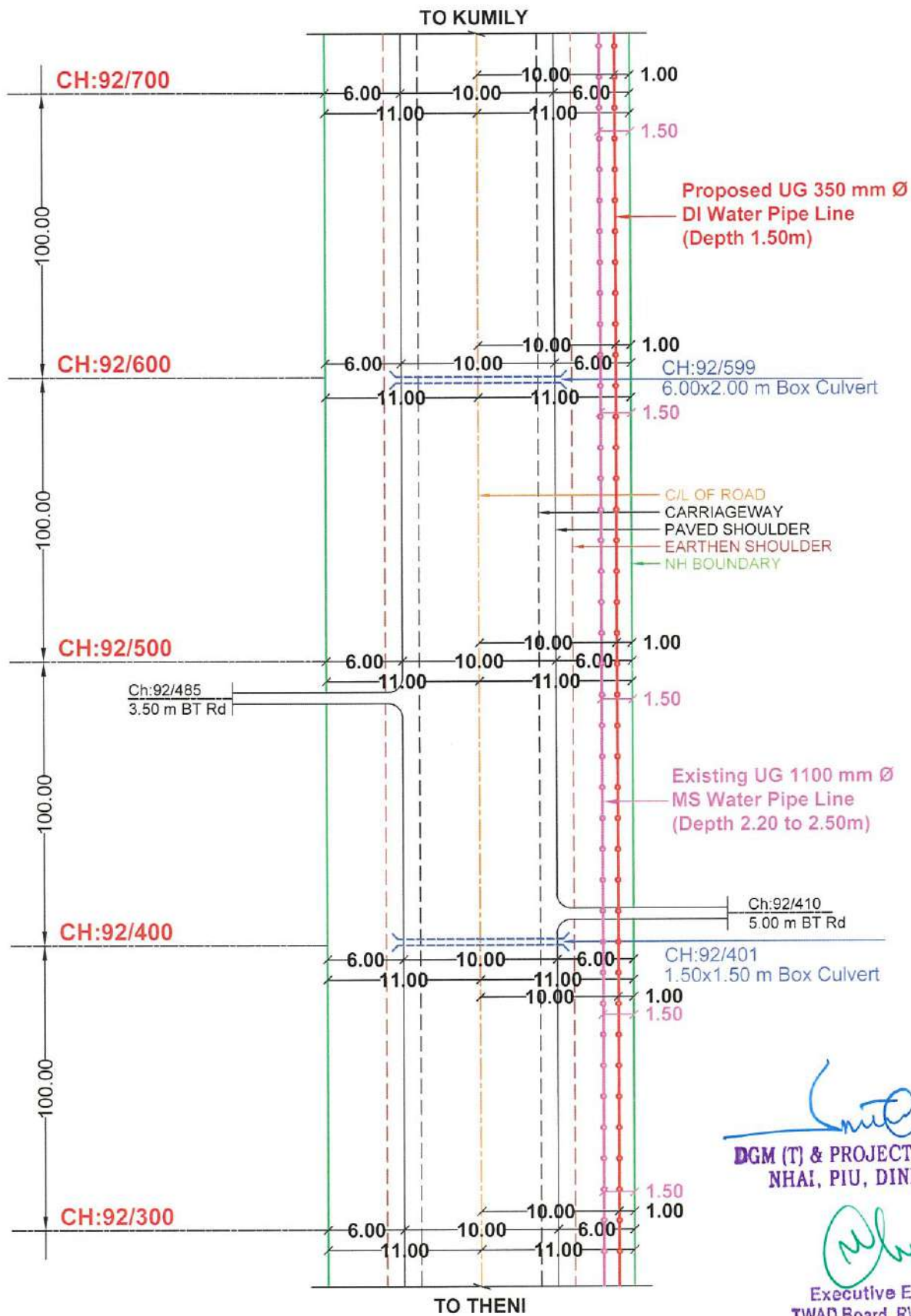
106

ALL DIMENSIONS IN 'M'

SCALE	SHEET NO
X - NTS	21
Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

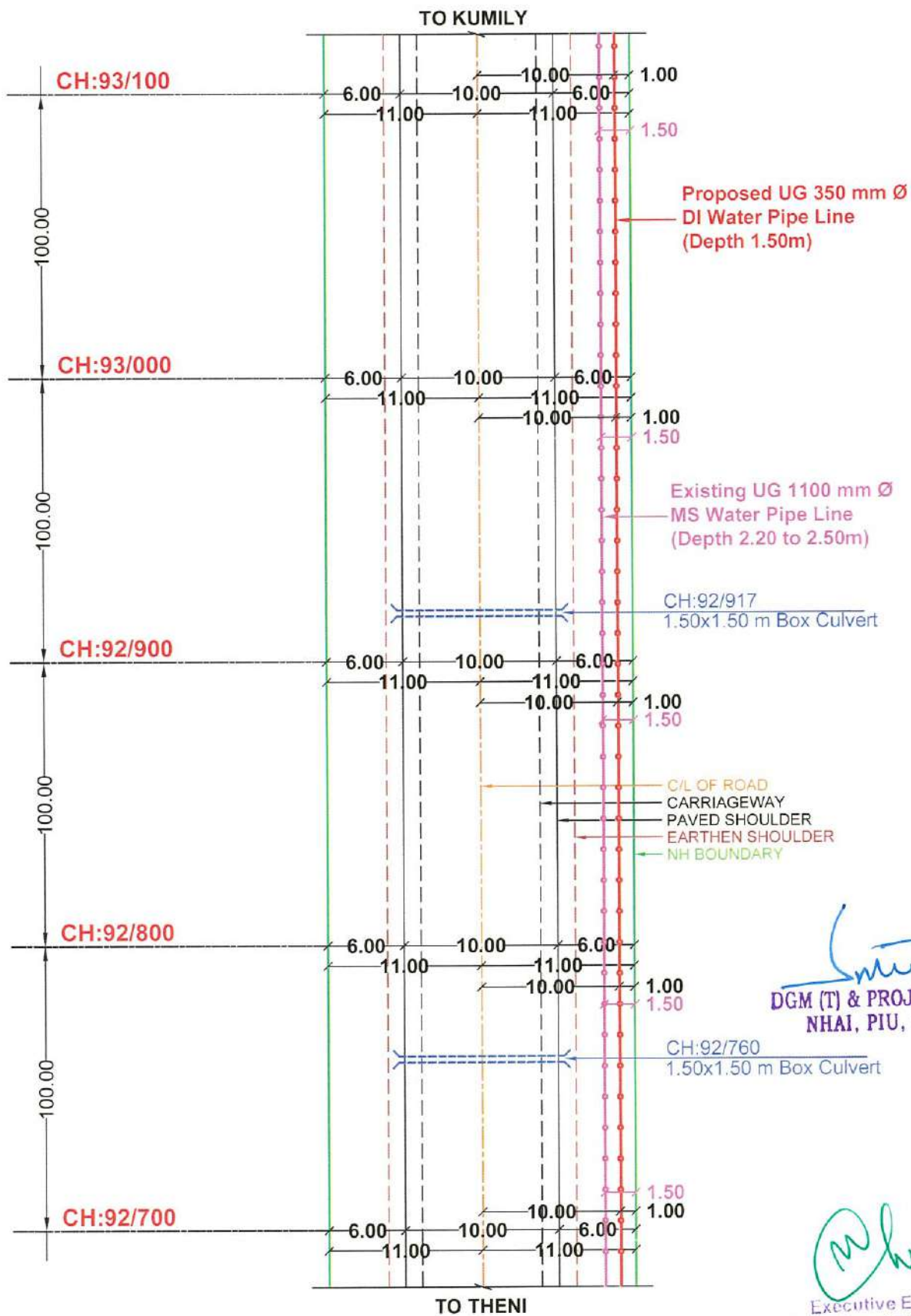
**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	22
Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



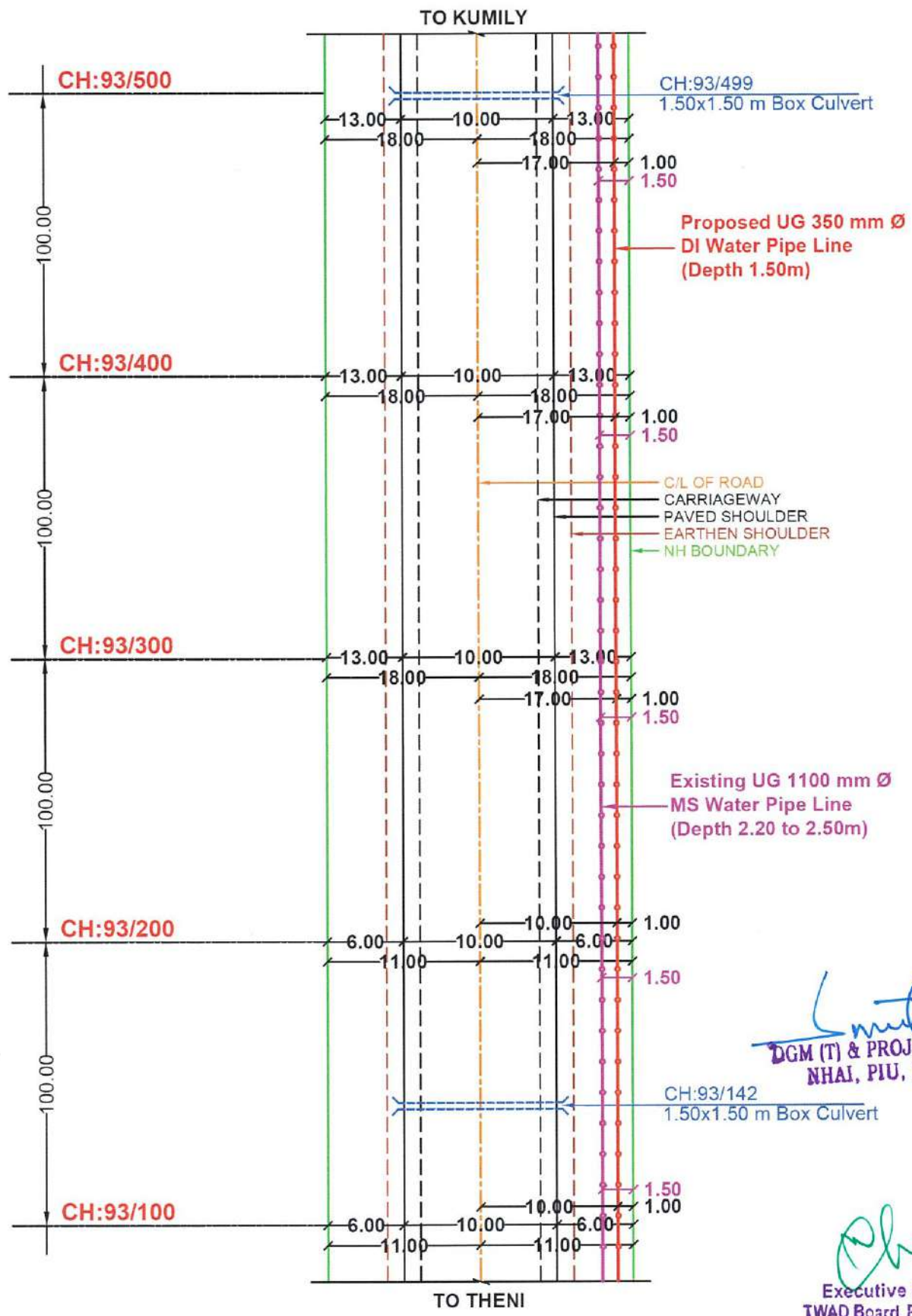
*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
 Executive Engineer  
 TWAD Board, RWS Division  
 Theni.

<b>LEGEND :</b> 	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	23
	Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL.

*[Signature]*  
Executive Engineer  
TWAD Board, RWS Division  
Theni.

**LEGEND :**

	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

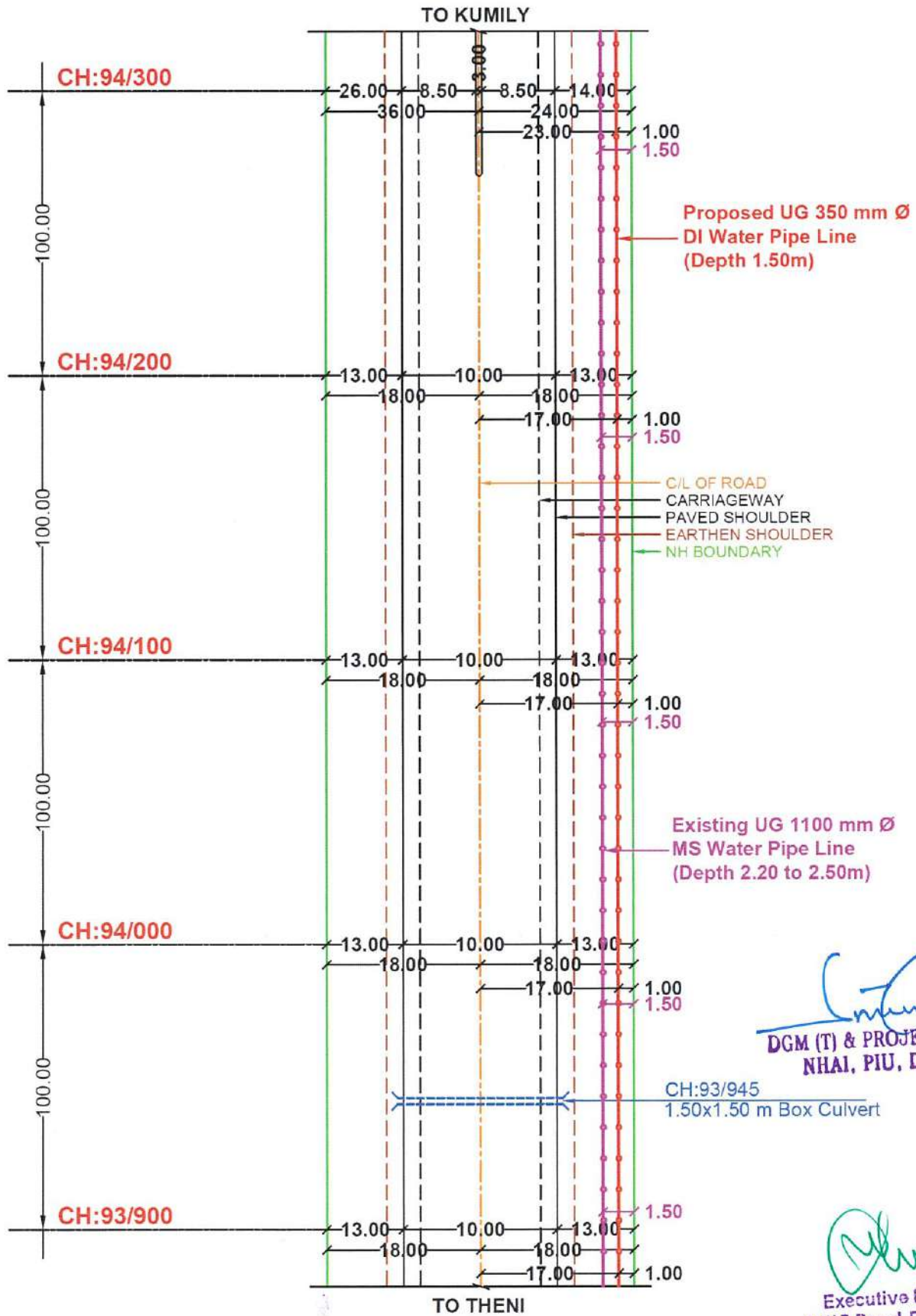
109

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	24
Y - 1: 2500	





**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

**LEGEND :**

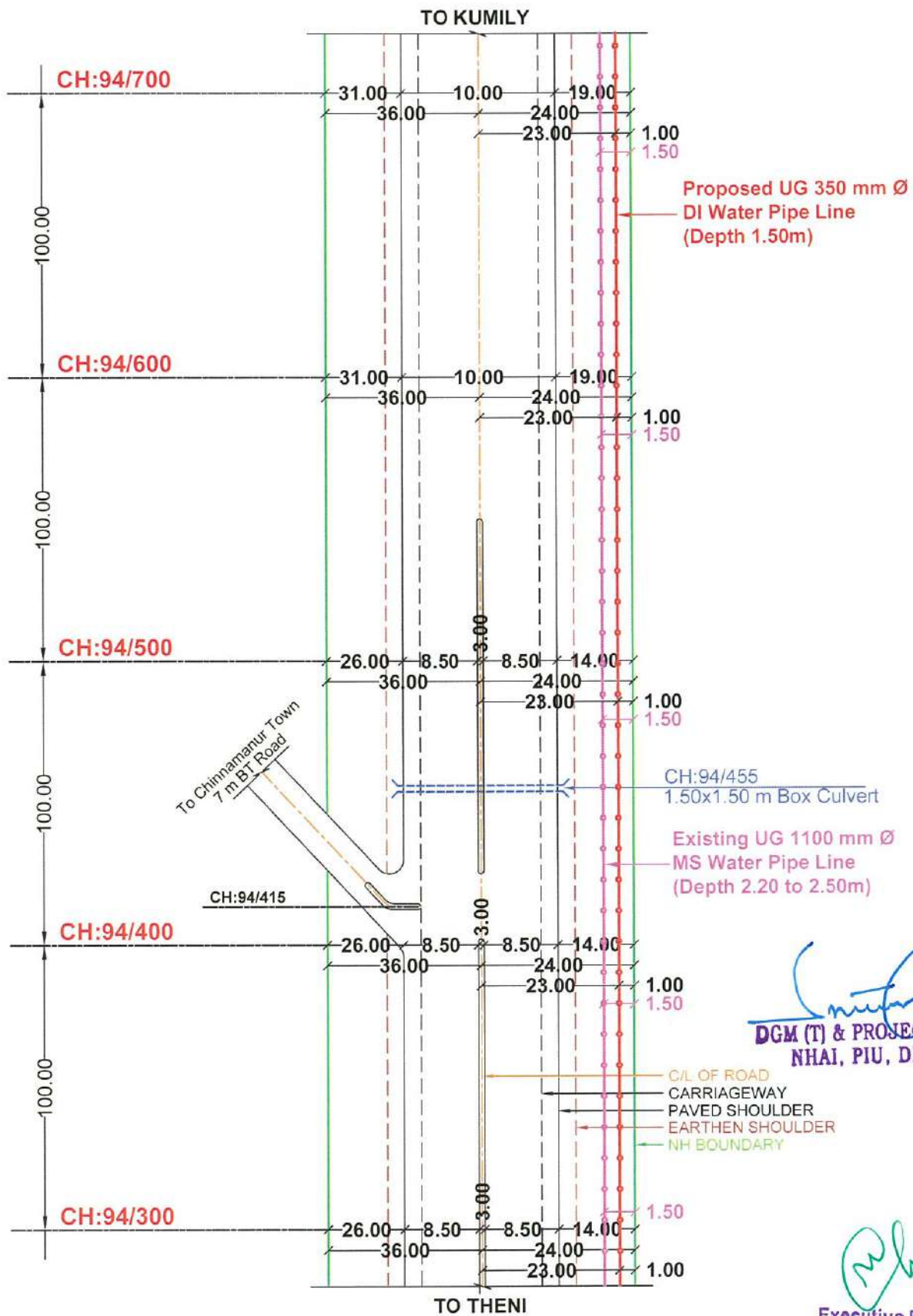
	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

	PROPOSED WATER LINE
	EXISTING WATER LINE
	CULVERT / BRIDGE

111

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	26
Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



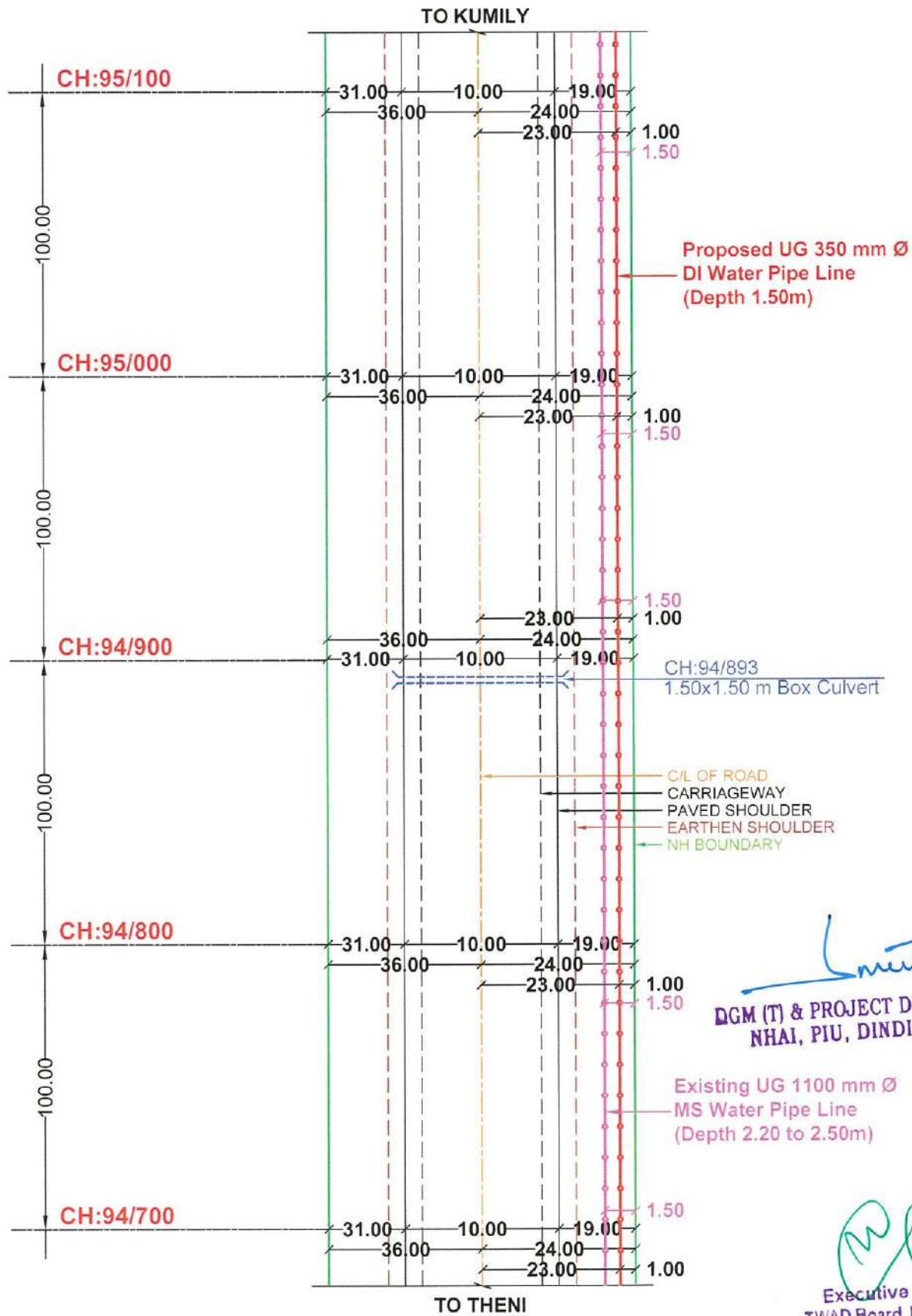
*[Signature]*  
**DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL.**

*[Signature]*  
**Executive Engineer  
TWAD Board, RWS Division**

<b>LEGEND :</b> 	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	27
	Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

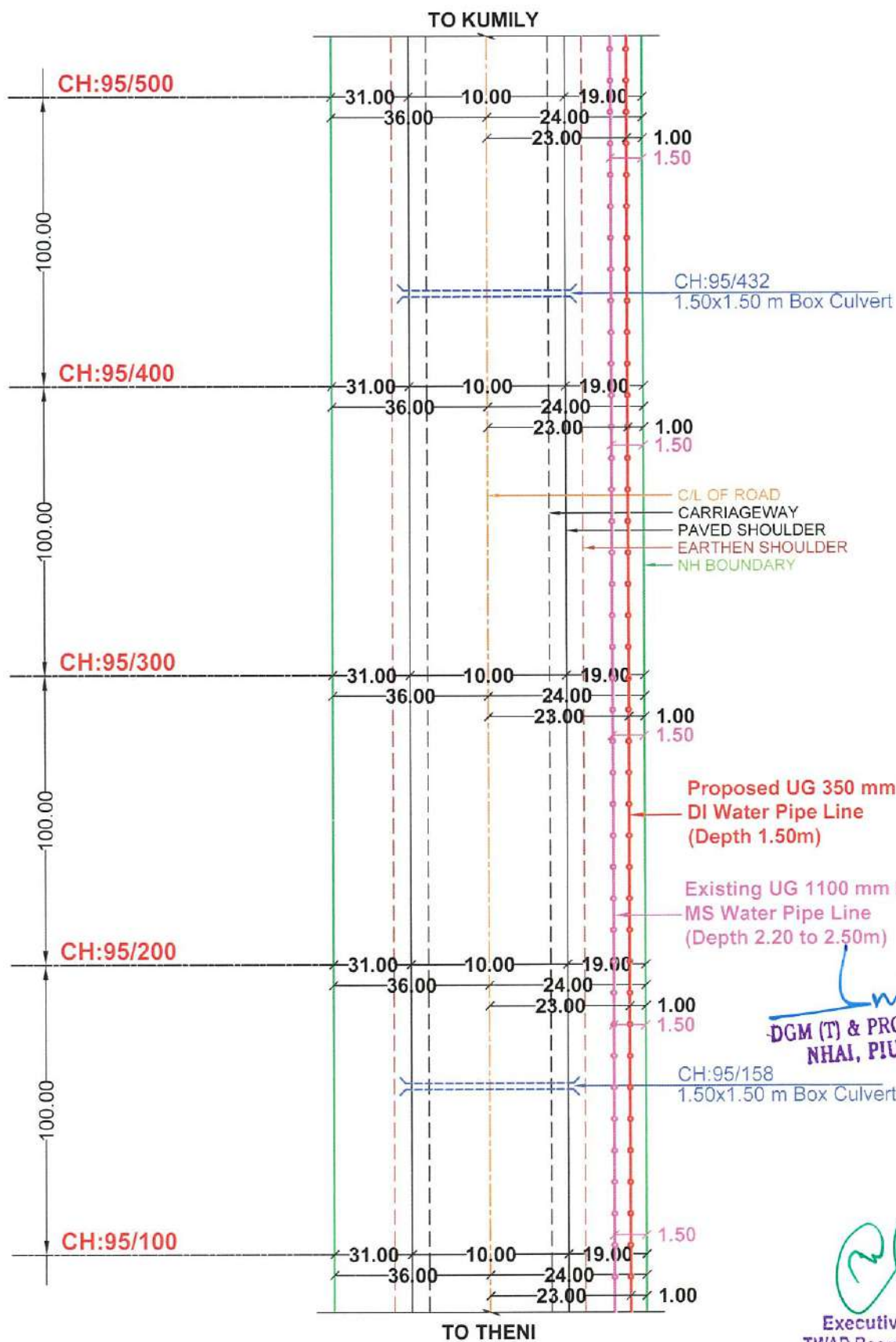


*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
TWAD Board, RWS Division  
Theni.

<b>LEGEND :</b> 	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	28
	Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



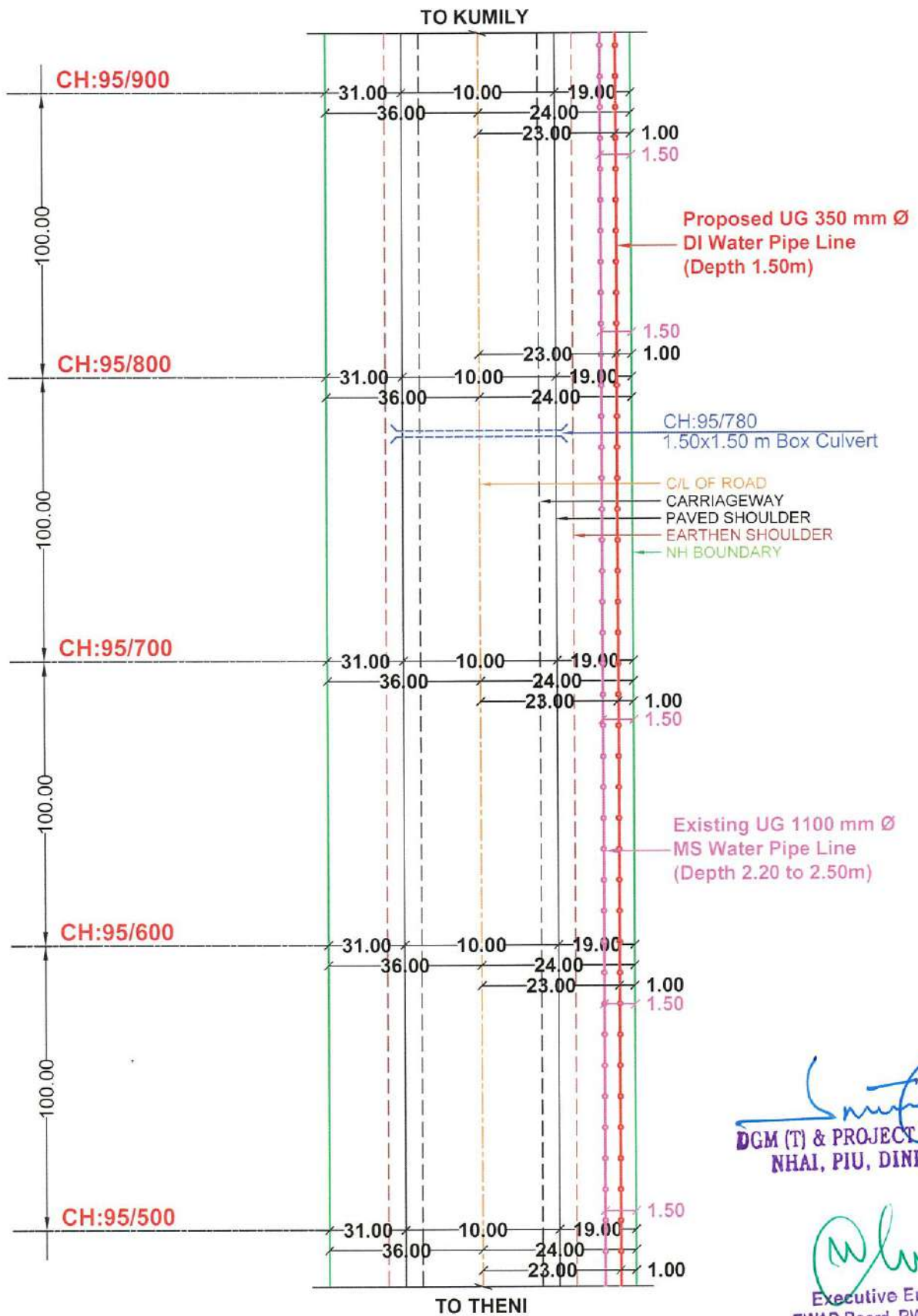
*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

*[Signature]*  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

<b>LEGEND :</b> 	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	29
	Y - 1: 2500	



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

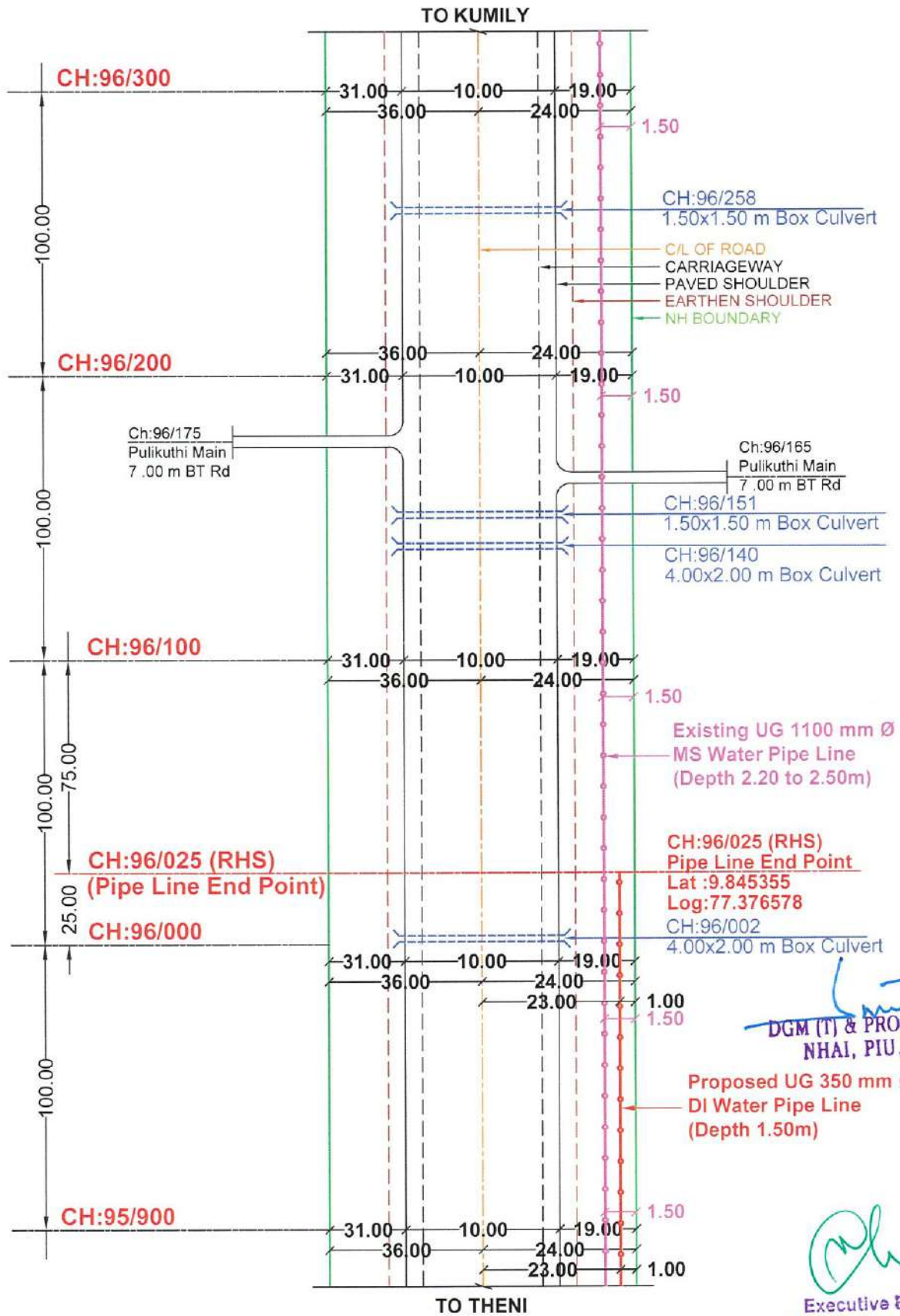


*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

<b>LEGEND :</b> — NH BOUNDARY LINE — BLACK TOP - - - BERM - - - CENTER LINE OF ROAD - - - PROPOSED WATER LINE — EXISTING WATER LINE — CULVERT / BRIDGE	115		ALL DIMENSIONS IN 'M'	
			SCALE	SHEET NO
			X - NTS	30
			Y - 1: 2500	

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

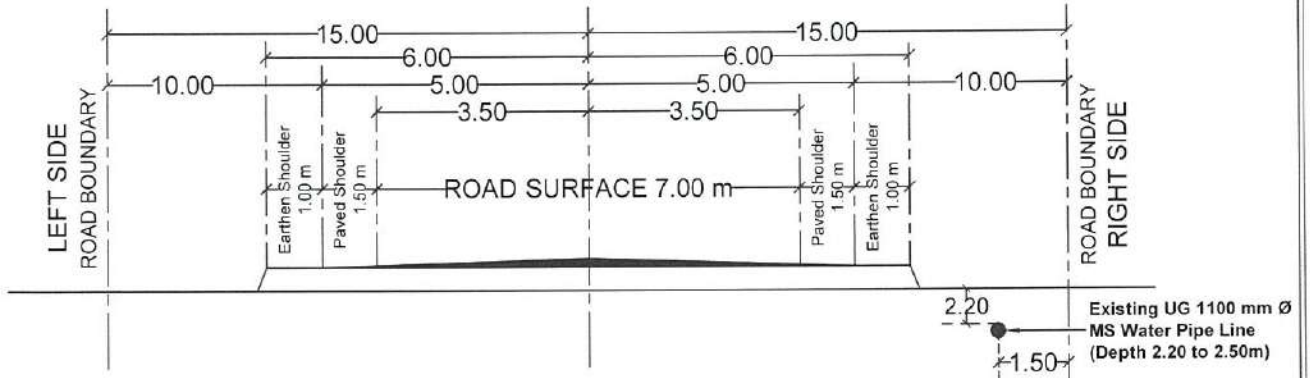
*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

<b>LEGEND :</b> 	ALL DIMENSIONS IN 'M'	
	SCALE	SHEET NO
	X - NTS	31
	Y - 1: 2500	

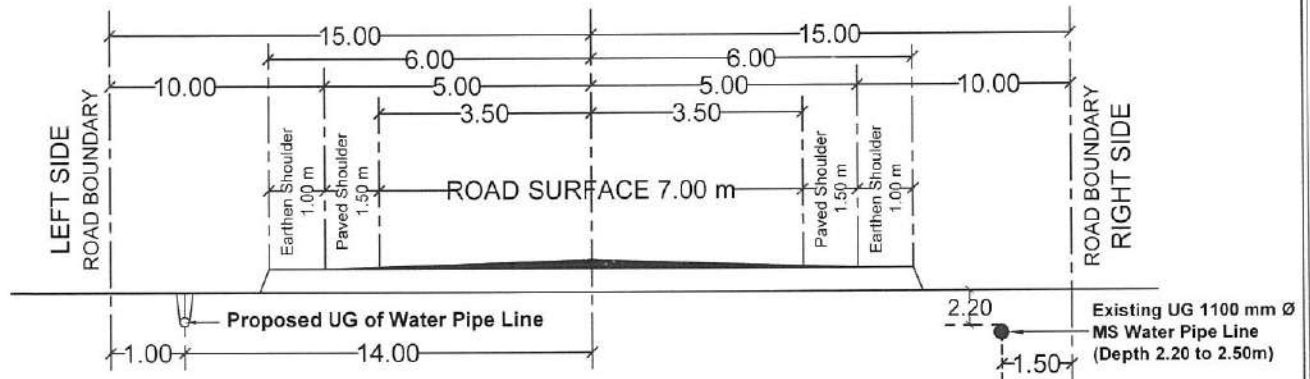


**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

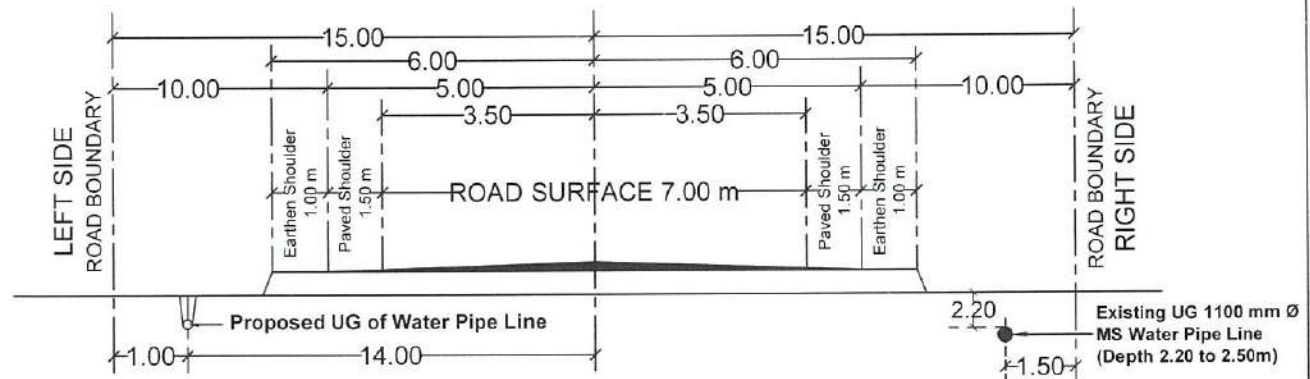
**CH:83/900 To 84/175 - (No Water Pipe Line)**



**CH:84/175 - (LHS - Water Pipe Line Start Point)**



**CH:84/200 - (LHS - Water Pipe Line Start Point)**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division,  
 Theni.

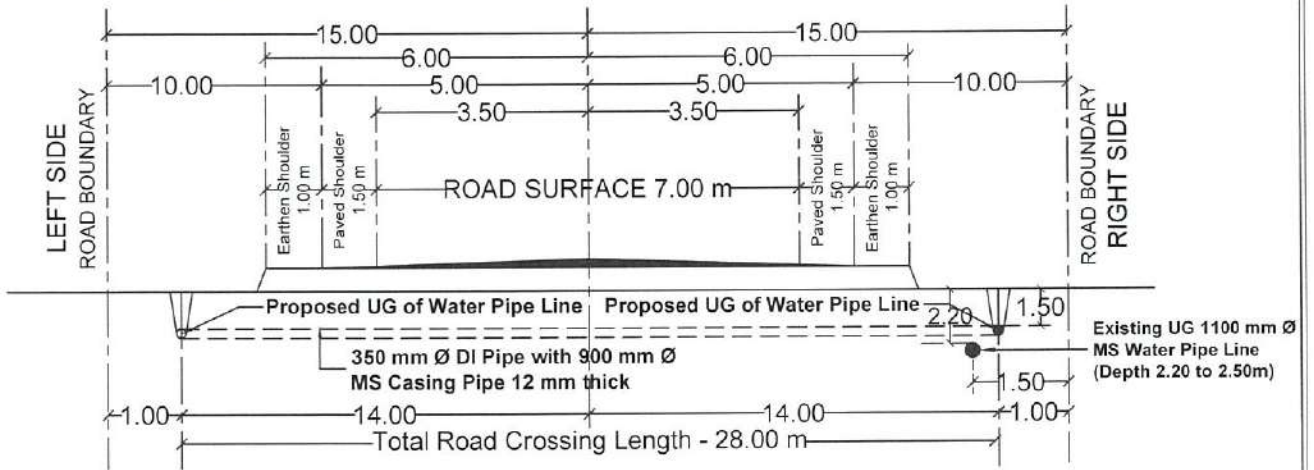
SCALE : NTS

ALL DIMENSIONS IN 'M'

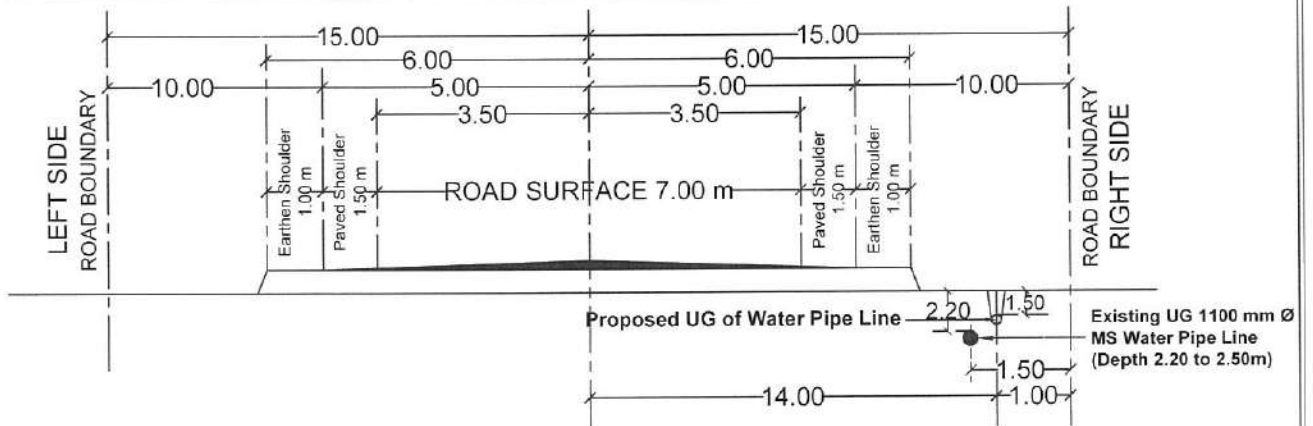
SHEET NO : 32

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

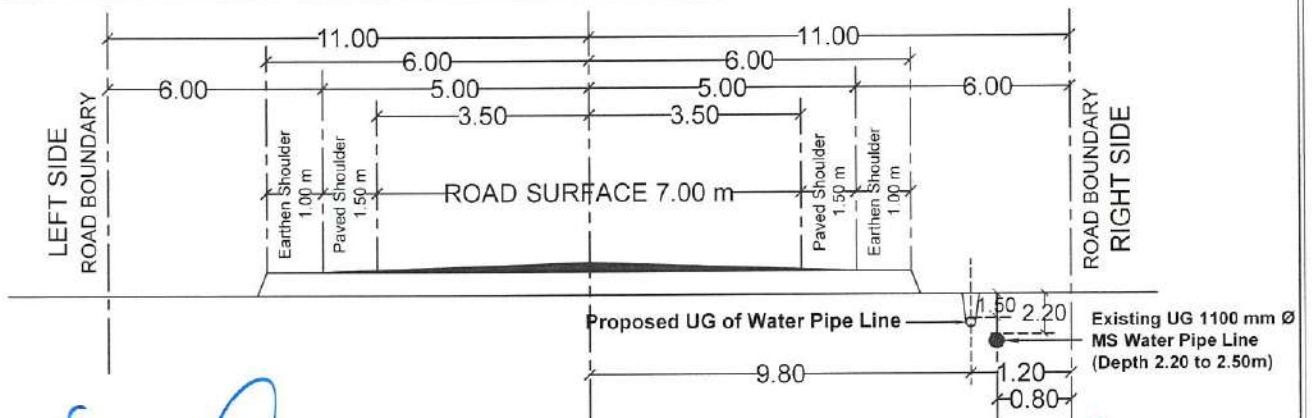
**CH:84/250 - (LHS & RHS - Water Pipe Line & Road Crossing-1)**



**CH:84/250 To 89/100 - (RHS - Water Pipe Line)**



**CH:89/200 To 91/500 - (RHS - Water Pipe Line)**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

*[Signature]*  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

SCALE : NTS

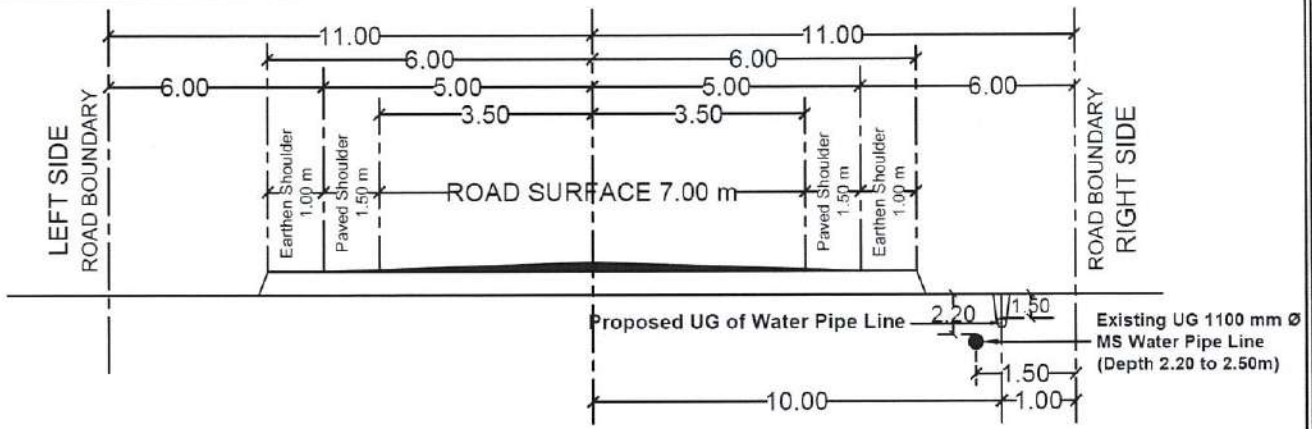
ALL DIMENSIONS IN 'M'

SHEET NO : 33

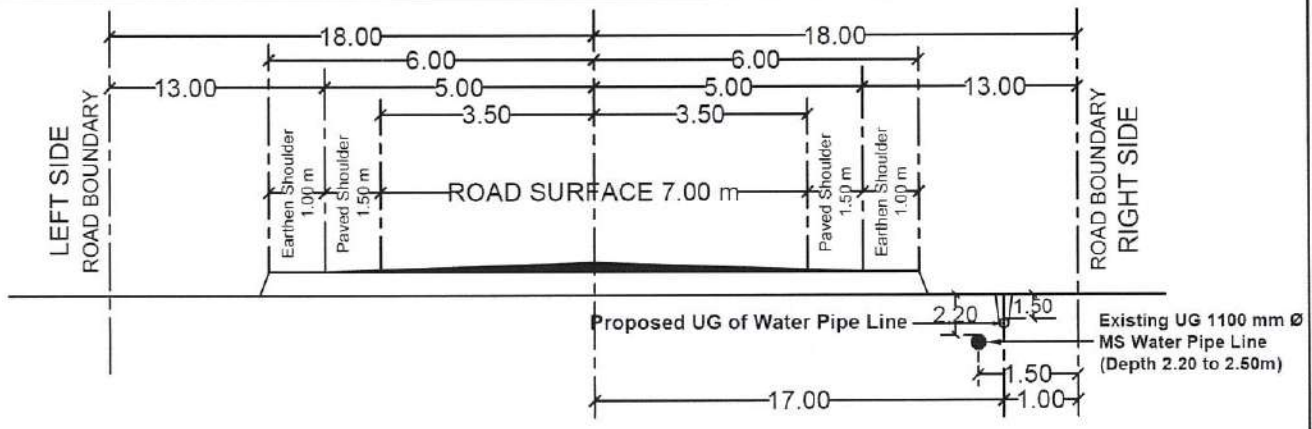


**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

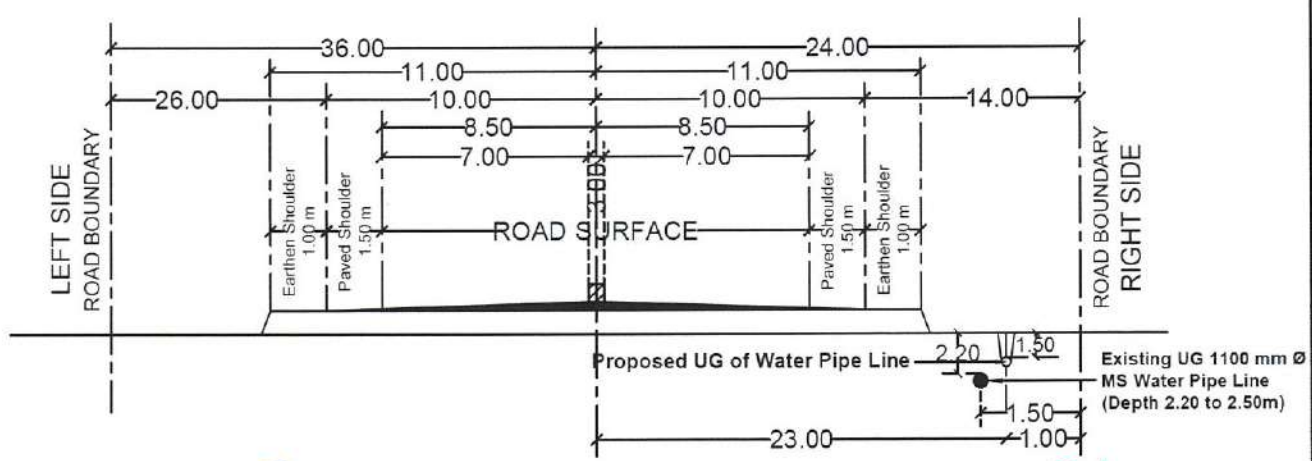
**CH:91/600 To 93/200 - (RHS - Water Pipe Line)**



**CH:93/300 To 94/200 - (RHS - Water Pipe Line)**



**CH:94/300 To 94/500 - (RHS - Water Pipe Line)**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
 NHAI, PIU, DINDIGUL.

*[Signature]*  
**Executive Engineer**  
 TWAD Board, RWS Division  
 Theni.

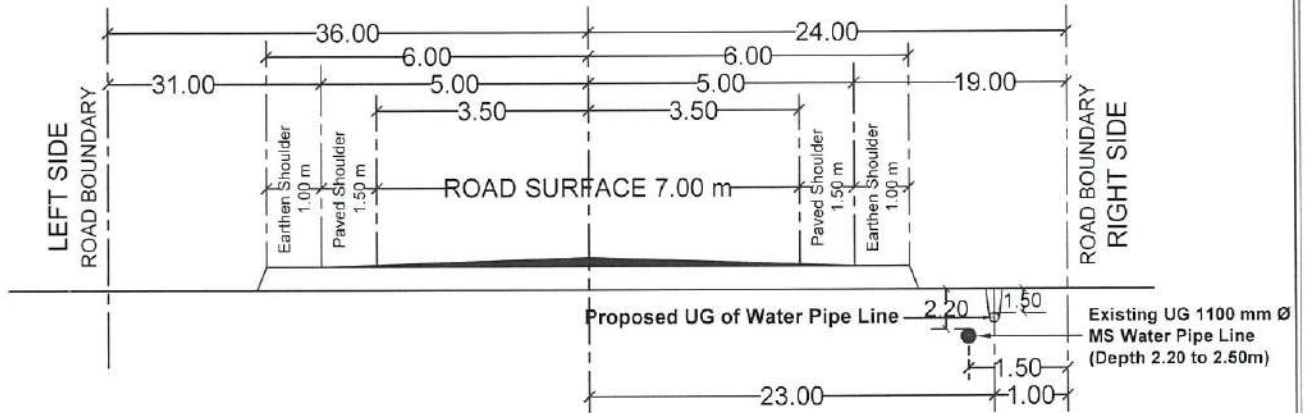
SCALE : NTS

ALL DIMENSIONS IN 'M'

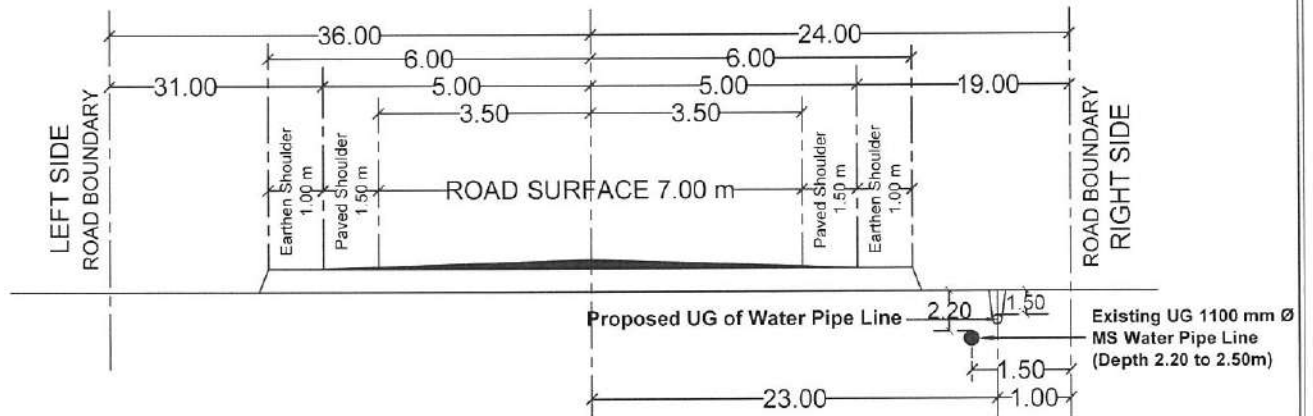
SHEET NO : 34

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

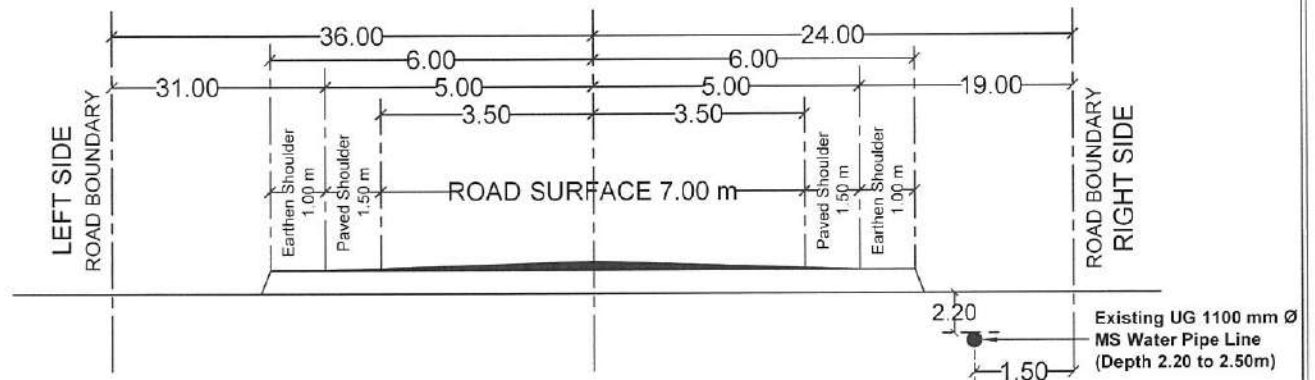
**CH:94/600 To 96/000 - (RHS - Water Pipe Line)**



**CH:96/025 - (RHS - Water Pipe Line End Point)**



**CH:96/100 To 96/300 - (No Water Pipe Line)**



*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

*[Signature]*  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

SCALE : NTS

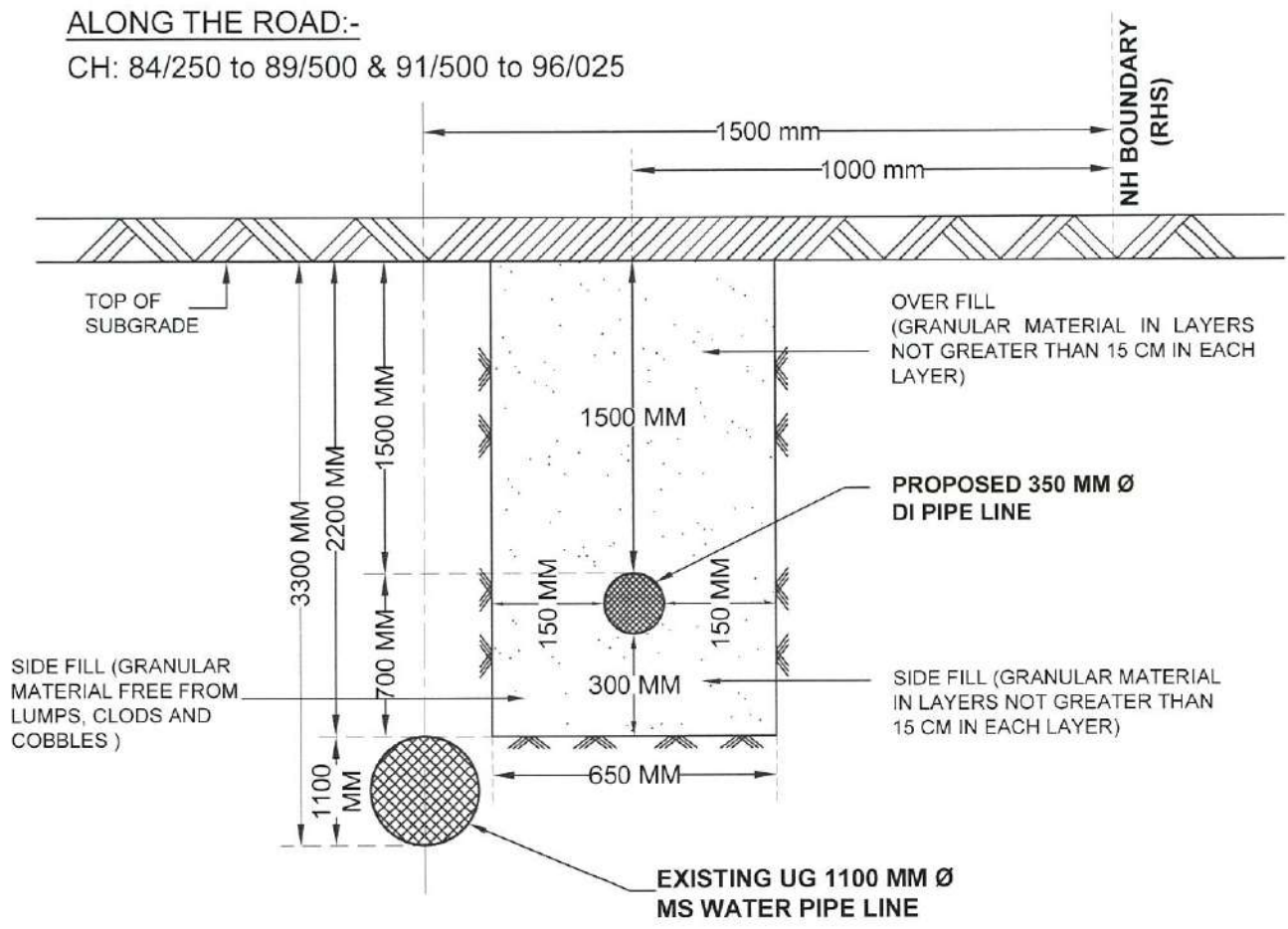
ALL DIMENSIONS IN 'M'

SHEET NO : 35

**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

**ALONG THE ROAD:-**

CH: 84/250 to 89/500 & 91/500 to 96/025



ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS LETTER NO.

RW/NH-33044/29/2015/S&R(R)(Pt).DATED.22.11.2016

**CROSS SECTION SCALE-NTS**

*[Signature]*  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

*[Signature]*  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

SCALE : NTS

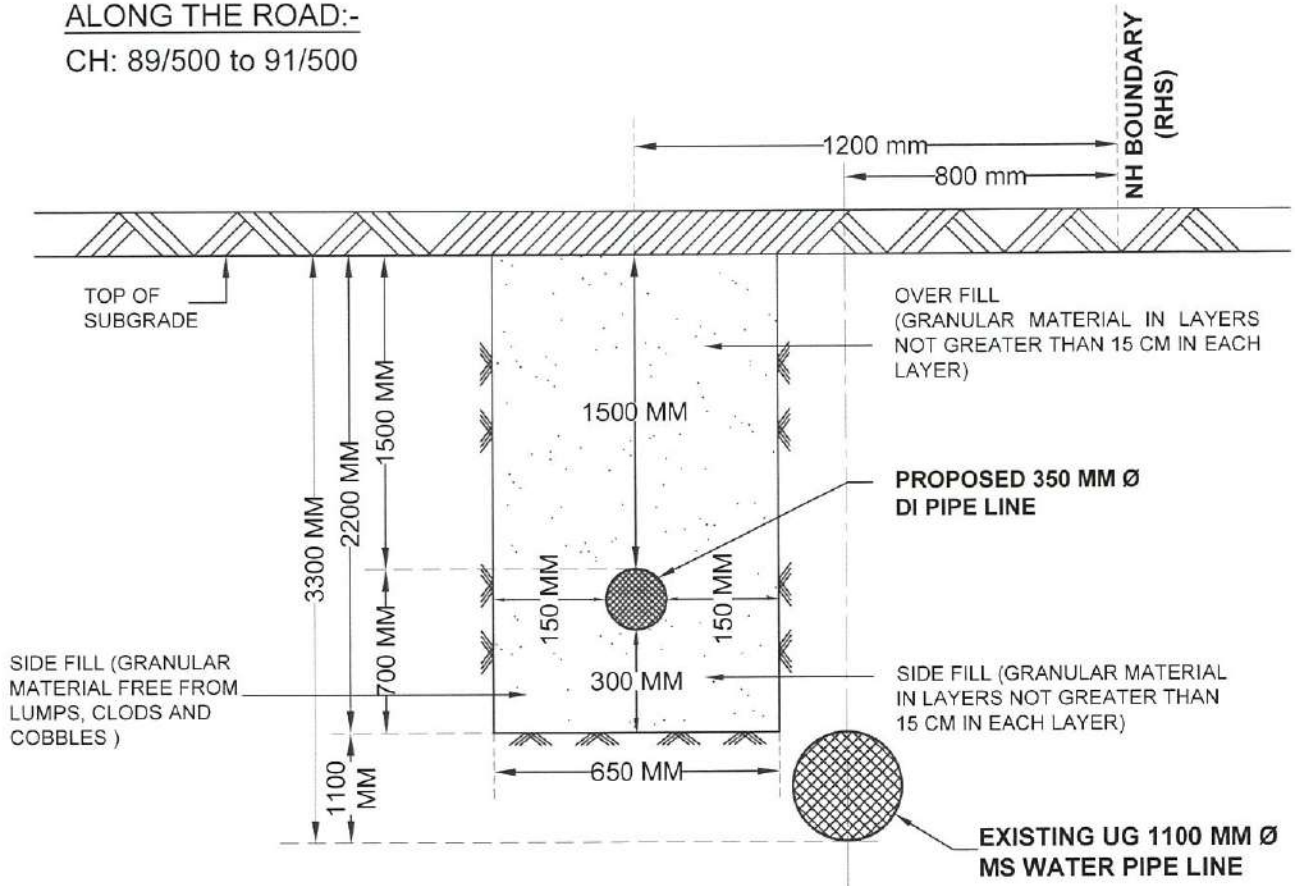
ALL DIMENSIONS IN 'M'

SHEET NO : 36



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

ALONG THE ROAD:-  
CH: 89/500 to 91/500



ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS LETTER NO.

RW/NH-33044/29/2015/S&R(R)(Pt).DATED.22.11.2016

**CROSS SECTION** SCALE-NTS

*[Signature]*  
DGM (T) & PROJECT DIRECTOR  
NHAI, PIU, DINDIGUL.

*[Signature]*  
Executive Engineer  
TWAD Board, RWS Division  
Theni.

SCALE : NTS

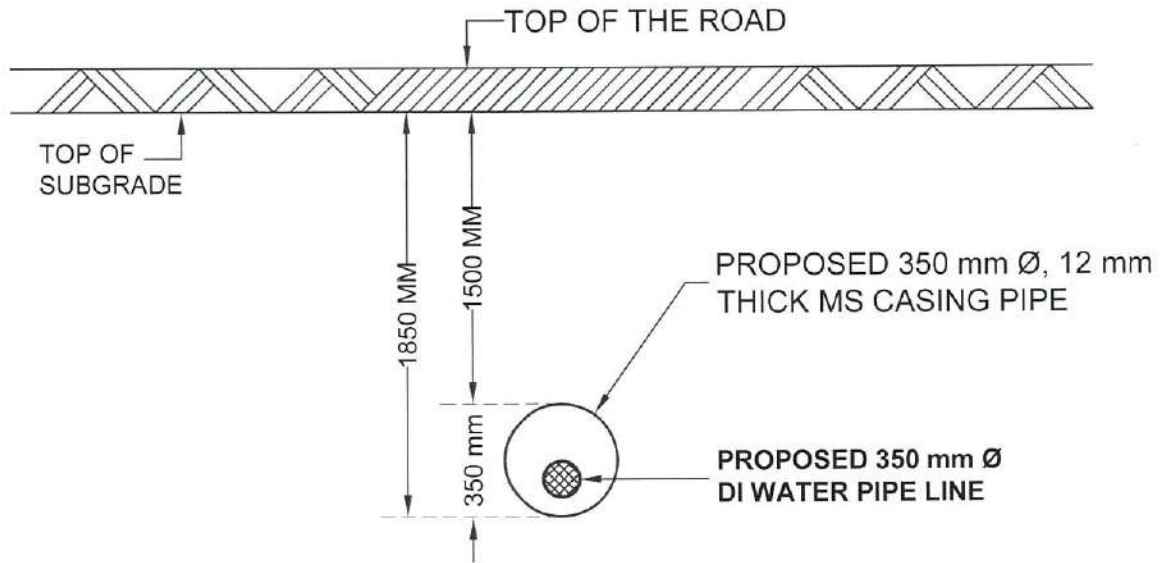
ALL DIMENSIONS IN 'M'

SHEET NO : 37



**PROPOSED LAYING OF UG WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY OF DINDIGAL - THENI - KUMILY ROAD SECTION (NH-183), THENI DISTRICT, TAMILNADU STATE**

**CH:84/250 - Road Crossing**



ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS LETTER NO.

RW/NH-33044/29/2015/S&R(R)(Pt).DATED.22.11.2016

CROSS SECTION    SCALE-NTS

  
**DGM (T) & PROJECT DIRECTOR**  
**NHAI, PIU, DINDIGUL.**

  
**Executive Engineer**  
**TWAD Board, RWS Division**  
**Theni.**

SCALE : NTS

ALL DIMENSIONS IN 'M'

SHEET NO : 38

