

GOVERNMENT OF TELANGANA
IRRIGATION & C.A.D. DEPARTMENT

From

Sri A.Ranga Reddy, BE,MIE.,
Superintending Engineer, I&CADD.,
Irrigation Circle,
Chevella

To

M/s MYRON HOMES PVT LTD
Plot No.59, Rd No.71, Film Nagar,
Jubilee Hills,
Hyderabad - 500096

Lr.No.SE/IC/Chevella/DEE-1/TS3/NOC/Chevella/2024/ Dt: 8.03.2024

Gentleman,

Sub:- I&CAD Department-SE, IC,Chevella- Issue of Clarification for the land in survey No: 93 to 95, 111, 115 to 118, 120, 121, 151 and 152 to an extent of **Ac 100-31 Guntas (in original application, total extent applied for Ac.103-30Gts)** belongs to M/s Myron Homes Pvt. Ltd., Jubilee Hills, Hyderabad represented by Sri M.Yuvaraju situated at Yenkepally Village, Pudur Mandal, Vikarabad (Dist)-**clarification issued for the land to an extent of Ac.97-24.3 Gts with certain conditions - Reg.,**

Ref:-

1. Application of M/s Myron Homes Pvt. Ltd., Jubilee Hills, Hyderabad represented by Sri M.Yuvaraj, dt:03.10.2023, 18.10.2023 and 01.02.2024
2. Joint inspection report of the Irrigation and Revenue officials, dt: 02.03.2024.
3. The Chief Engineer, Irrigation, Hyderabad Memo.No.CE(I),Hyd/ DCE/ OT1/AEE3/VKB Dist/Yenkepally (V), Pudur (M)/2024, dt:16.03.2024
4. G.O.Ms.No.105 , Municipal and Urban Department Dt:05.07.2021.
5. Copy of Applicant's Notarized Undertaking, Dt:16.03.2024

With reference to the application of M/s Myron Homes Pvt. Ltd., Jubilee Hills, Hyderabad represented by Sri M.Yuvaraju vide reference 1st cited, regarding issue of clarification for the water bodies in their land in survey numbers 93 to 95, 111, 115 to 118, 120, 121, 151 and 152 to an extent of **Ac 100-31 Guntas** situated at Yenkepally Village, Pudur Mandal, Vikarabad (Dist), it is to inform that the details of the applicant's land affected under water bodies and their buffer zone is as follows:

Sy. No.	Extent of Application (Ac. – Gts)	Stream-1 Area (Ac. – Gts)	Buffer Zone 9 Mts width (Ac. – Gts)	Stream-2 Area (Ac. – Gts)	Buffer Zone 2 Mts width (Ac. – Gts)	Balance Area (Ac. – Gts)
93	02-36	00-00	00-00	00-00	00-00	02-36
94	15-03	00-00	00-36.8	00-00	00-00	14-06.2
95	09-00	00-00	00-20.4	00-00	00-00	08-19.6
111	03-08	00-01	00-05.2	00-00	00-02.6	02-39.2
115	11-03	00-00	00-00	00-00	00-00	11-03
116	04-39	00-00	00-00	00-00	00-00	04-39
117	18-24	00-00	00-00	00-00	00-00	18-24
118	04-08	00-00	00-00	00-00	00-00	04-08
120	18-38	00-00	00-00	00-00	00-00	18-38
121	03-37	00-00	00-00	00-00	00-00	03-37
151	04-35	00-15.2	00-10.7	00-00	00-00	04-09.1
152	04-00	00-17.5	00-17.30	00-00	00-00	03-05.2
Total	100-31	00-33.7	02-10.4	00-00	00-02.6	97-24.3

As shown in the above table, the applicant land to an extent of **Ac 03-6.7 Gts** is affecting streams and its Buffer zone areas and balance land to an extent of **Ac 97-24.3 Gts** is not affected in any water body/Nala/Channel and it is free from water body as per the norms stipulated in the reference 4th cited.

In view of the above, the necessary clarification is hereby issued, subject to the terms and conditions agreed by the Applicant in the notarized undertaking submitted to this office vide reference 5th cited (copy enclosed). Any deviation/violation of the conditions agreed by the Applicant in future will immediately tends for cancellation of this clarification.

Encl:- 1.Joint Inspection Report
2. Location Sketch Map
3.Notorized Undertaking

Yours faithfully,


Superintending Engineer, I&CADD.,
Irrigation Circle, Chevella.

JOINT INSPECTION REPORT

Date of Joint Inspection: 02/03/2024

Sub: Pudur Mandal-Representation of Sri M Yuvaraju, CMD, M/s Myron Homes Pvt Ltd., and Others - Issue of NOC/Clarification to land in Sy. Nos: 93, 94, 95, 111, 115, 116, 117, 118, 120, 121, 151, 152 With total extent of Ac 100.31 Gts situated in Yenkepally Village, Pudur Mandal, Vikarabad District - Joint Inspection - Reg.

- Ref: 1. Representation of Sri M Yuvaraju, CMD, M/s Myron Homes Pvt Ltd., and Others Dt: 18.10.2023.
2. The Assistant Executive Engineer, Irrigation Sub Division No:2, Pargi addressed letter to the Tahsildar, Parigi (M) vide Lr No: DEE/ISD/PRG/AEE-Parigi/2022-23/69, Dt:23.11.2023.

With reference to the 1st cited above, Sri M Yuvaraju, CMD, M/s Myron Homes Pvt Ltd., and Others have requested to issue NOC/Clarification for the land in Survey Numbers mentioned above with total extent of Ac 100-31 Gts situated in Yenkepally Village, Pudur Mandal, Vikarabad District.

In this regard, the Assistant Executive Engineer, Irrigation Sub Division No: 2, Pudur has addressed a letter to the Tahsildar, Pudur for joint inspection of the applicants' land and requested for furnishing location Sketch Map videreference 2nd cited.

In this connection, the undersigned have jointly inspected the applicants' land in said Survey Numbers, situated in Yenkepally Village, Pudur Mandal, Vikarabad District. During the joint inspection the Mandal Surveyor, Pudur Mandal has demarcated the boundaries of applicants' land duly verifying Revenue records and Maps. The Assistant Executive Engineer verified the topo sheet and revealed the following observations.

1. In Physical observation, the Extent of land arrived as Ac 100.31 Gts.
2. It is observed that, physically two streams i.e., stream-1, stream-2 are present. The stream -1 is passing through the applicant land from East to West, the stream-2 is passing adjacent to the applicant land i.e., in North-south corner of the applicant land and merging into the Stream-1 as shown in location sketch.
3. As verified in Village Revenue Map, Stream-1, Stream-2, Stream-3 and stream 4 are present.

4. As verified in Topo sheet No: E43R15, Stream-1, Stream-2, Stream 3 are present and Stream 4 is not present.
5. As per the discharge calculation from the catchment, the stream-1 is provided a minimum width of 33 mts where width of the stream is less than 33 mts as per village revenue map and stream-2 width is provided as 9.6 mts.
6. Hence, the applicant land is
 - Partially affecting in stream width and buffer width of stream-1 (Big Stream).
 - Not affecting in stream width but its affecting buffer width of stream-2 (Small Stream).
7. The Buffer width of 2 M is provided on both sides of streams where streams width is less than 10 M and the buffer width of 9 M is provided where the stream width is more than 10M, as specified in the GO.Ms.No.168, MA & UD Dept Dt 07.04.2012. Hence the applicant land is affecting in width of streams and its buffer widths.
8. Further, as per GIS Toposheet No: E43R15, it is observed that, one 1st order stream originating within the applicants' land in Survey Number 115 & 117 of stream 3 which is there in village map and top sheet also it is not existing physically. The applicant should ensure free flow of storm water from their land to the Nala, situated at South side of their land.

Area Statement

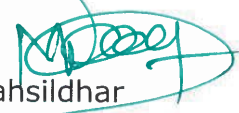
Sy.No	Extent of Application (Ac-Gts)	Stream-1 Area (Ac-Gts)	Buffer Zone 9 Mts Width (Ac-Gts)	Stream-2 Area (Ac-Gts)	Buffer Zone 2 Mts width (Ac-Gts)	Balance Area (Ac-Gts)
93	02-36	00-00	00-00	00-00	00-00	02-36
94	15-03	00-00	00-36.8	00-00	00-00	14-06.2
95	09-00	00-00	00-20.4	00-00	00-00	08-19.6
111	03-08	00-01	00-05.2	00-00	00-02.6	02-39.2
115	11-03	00-00	00-00	00-00	00-00	11-03
116	04-39	00-00	00-00	00-00	00-00	04-39
117	18-24	00-00	00-00	00-00	00-00	18-24
118	04-08	00-00	00-00	00-00	00-00	04-08
120	18-38	00-00	00-00	00-00	00-00	18-38
121	03-37	00-00	00-00	00-00	00-00	03-37
151	04-35	00-15.2	00-10.7	00-00	00-00	04-09.1
152	04-00	00-17.5	00-17.30	00-00	00-00	03-05.2
Total	100-31	00-33.7	02-10.4	00-00	00-02.6	97-24.3

:: 3 ::

The location Sketch Map showing the streams and its buffer widths in applicants' land along with extent affected in stream width and its buffer width areas with details of survey numbers and the same is superimposed on the Village Revenue Map(enclosed).


Mandal Surveyor
Pudur (M)


Assistant Executive Engineer
Irrigation Section, Pudur


Tahsildhar
Pudur (M)


Deputy Executive Engineer
Irrigation Sub Division No:2, Pargi

LOCATION SKETCH OF SY.NO'S. 93,94,95,111,115,116,117,118,120,121,151 & 152. OF YENKEPALLY VILLAGE, PUDURU MANDAL, VIKARABAD DIST.

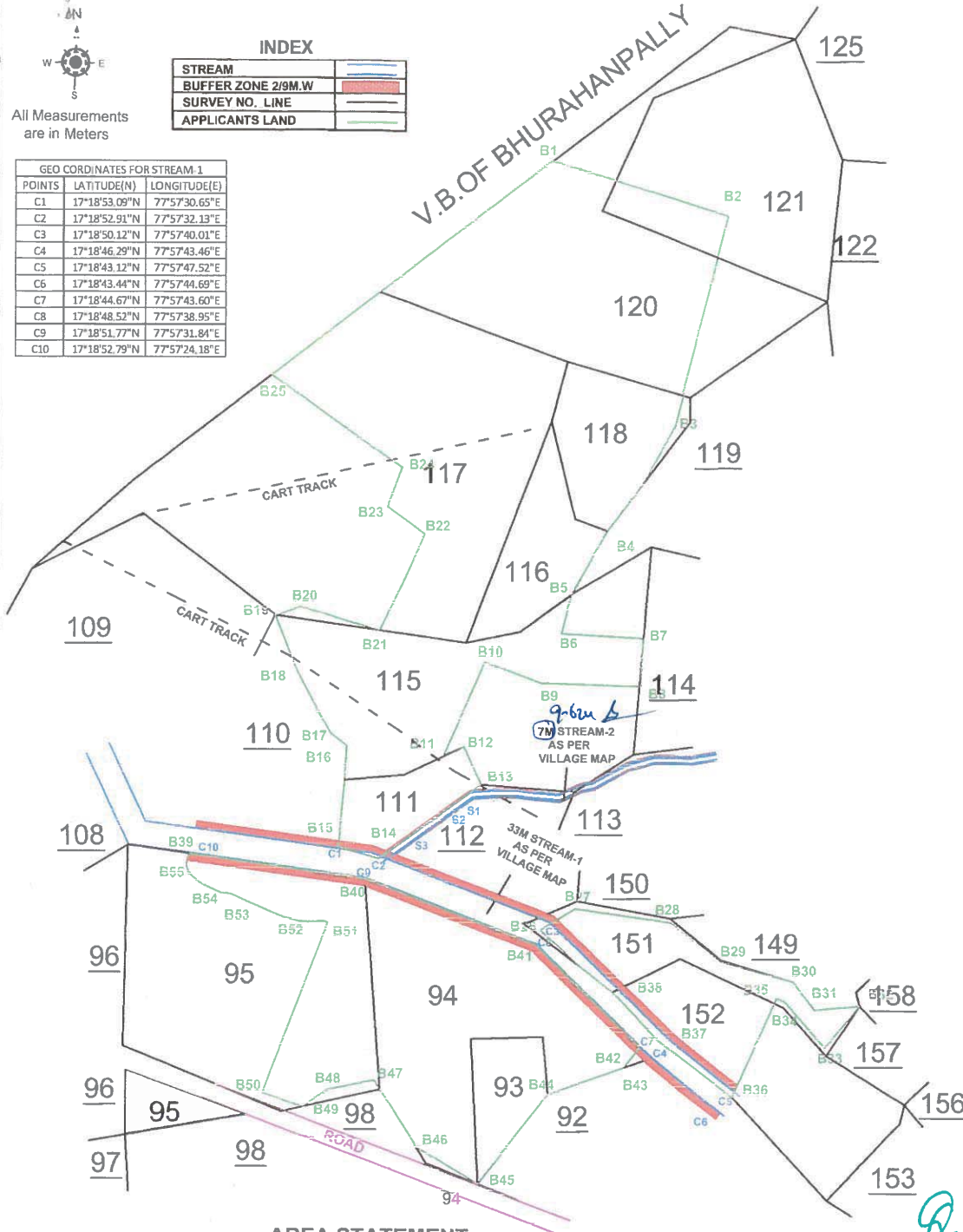


All Measurements are in Meters

INDEX

STREAM	
BUFFER ZONE 2/9M.W	
SURVEY NO. LINE	
APPLICANTS LAND	

GEO COORDINATES FOR STREAM-1		
POINTS	LATITUDE(N)	LONGITUDE(E)
C1	17°18'53.09"N	77°57'30.65"E
C2	17°18'52.91"N	77°57'32.13"E
C3	17°18'50.12"N	77°57'40.01"E
C4	17°18'46.29"N	77°57'43.46"E
C5	17°18'43.12"N	77°57'47.52"E
C6	17°18'43.44"N	77°57'44.69"E
C7	17°18'44.67"N	77°57'43.60"E
C8	17°18'48.52"N	77°57'38.95"E
C9	17°18'51.77"N	77°57'31.84"E
C10	17°18'52.79"N	77°57'24.18"E



GEO COORDINATES FOR APPLICANTS BOUNDARY		
POINTS	LATITUDE(N)	LONGITUDE(E)
B1	17°19'22.21"N	77°57'38.87"E
B2	17°19'20.57"N	77°57'46.12"E
B3	17°19'12.74"N	77°57'44.50"E
B4	17°19'6.44"N	77°57'41.71"E
B5	17°19'3.90"N	77°57'40.20"E
B6	17°19'2.62"N	77°57'39.85"E
B7	17°19'2.62"N	77°57'43.38"E
B8	17°19'0.70"N	77°57'43.40"E
B9	17°19'0.51"N	77°57'39.12"E
B10	17°19'1.32"N	77°57'36.59"E
B11	17°18'57.40"N	77°57'35.16"E
B12	17°18'56.97"N	77°57'35.68"E
B13	17°18'55.38"N	77°57'36.29"E
B14	17°18'52.81"N	77°57'32.51"E
B15	17°18'53.46"N	77°57'30.76"E
B16	17°18'56.39"N	77°57'30.79"E
B17	17°18'57.53"N	77°57'30.72"E
B18	17°18'58.81"N	77°57'29.57"E
B19	17°19'2.60"N	77°57'26.81"E
B20	17°19'2.99"N	77°57'28.46"E
B21	17°19'2.25"N	77°57'31.92"E
B22	17°19'6.38"N	77°57'33.88"E
B23	17°19'7.52"N	77°57'32.27"E
B24	17°19'9.12"N	77°57'32.53"E
B25	17°19'13.26"N	77°57'25.69"E
B26	17°18'49.84"N	77°57'39.45"E
B27	17°18'50.67"N	77°57'41.03"E
B28	17°18'50.09"N	77°57'45.13"E
B29	17°18'48.28"N	77°57'47.76"E
B30	17°18'47.66"N	77°57'50.15"E
B31	17°18'46.70"N	77°57'51.26"E
B32	17°18'46.61"N	77°57'52.62"E
B33	17°18'44.84"N	77°57'51.63"E
B34	17°18'46.73"N	77°57'49.99"E
B35	17°18'47.01"N	77°57'49.27"E
B36	17°18'43.00"N	77°57'47.30"E
B37	17°18'44.98"N	77°57'44.31"E
B38	17°18'46.14"N	77°57'43.40"E
B39	17°18'52.79"N	77°57'24.18"E
B40	17°18'51.77"N	77°57'31.84"E
B41	17°18'48.52"N	77°57'38.95"E
B42	17°18'44.67"N	77°57'43.60"E
B43	17°18'43.41"N	77°57'42.81"E
B44	17°18'42.61"N	77°57'39.95"E
B45	17°18'39.51"N	77°57'37.13"E
B46	17°18'40.60"N	77°57'33.95"E
B47	17°18'43.37"N	77°57'32.04"E
B48	17°18'43.04"N	77°57'30.08"E
B49	17°18'42.04"N	77°57'29.87"E
B50	17°18'42.92"N	77°57'27.49"E
B51	17°18'49.93"N	77°57'30.35"E
B52	17°18'49.96"N	77°57'28.99"E
B53	17°18'51.13"N	77°57'26.05"E
B54	17°18'51.56"N	77°57'24.79"E
B55	17°18'52.25"N	77°57'24.11"E

GEO COORDINATES FOR STREAM-2		
POINTS	LATITUDE(N)	LONGITUDE(E)
S1	17°18'55.02"N	77°57'36.51"E
S2	17°18'55.07"N	77°57'35.93"E
S3	17°18'52.66"N	77°57'32.44"E

AREA STATEMENT

Sy.No.	EXTENT OF APPLICATION (Ac. - Gts.)	STREAM-1 AREA (Ac. - Gts.)	BUFFER ZONE 9 M.W. AREA (Ac. - Gts.)	STREAM-2 AREA (Ac. - Gts.)	BUFFER ZONE 2 M.W. AREA (Ac. - Gts.)	BALANCE AREA (Ac. - Gts.)
93	02-36	00-00	00-00	00-00	00-00	02-36
94	15-03	00-00	00-36.8	00-00	00-00	14-06.2
95	09-00	00-00	00-20.4	00-00	00-00	08-19.6
111	03-08	00-01	00-05.2	00-00	00-02.6	02-39.2
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152	04-00	00-17.5	00-17.3	00-00	00-00	03-05.2
Total	100-31	00-33.7	02-10.4	00-00	00-02.6	97-24.3

D. Revulak
EXECUTIVE ENGINEER
Irrigation Division No.5
CHEVELLA

[Signature]
TAHSILDAR
PUDUR MANDAL
VIKARABAD DISTRICT

[Signature]
Mandal Surveyor,
Pudur Mandal,
Vikarabad District.

[Signature]

[Signature]
Engineer
Irrigation Division No.2

VIKARABAD DISTRICT
PUDUR MANDAL
TAHSILDAR

VIKARABAD DISTRICT
PUDUR MANDAL
Mandal Surveyor

Engr. No.

LOCATION SKETCH OF SY.NO'S. 93,94,95,111,115,116,117,118,120,121,151 & 152. OF YENKEPALLY VILLAGE, PUDURU MANDAL, VIKARABAD DIST.

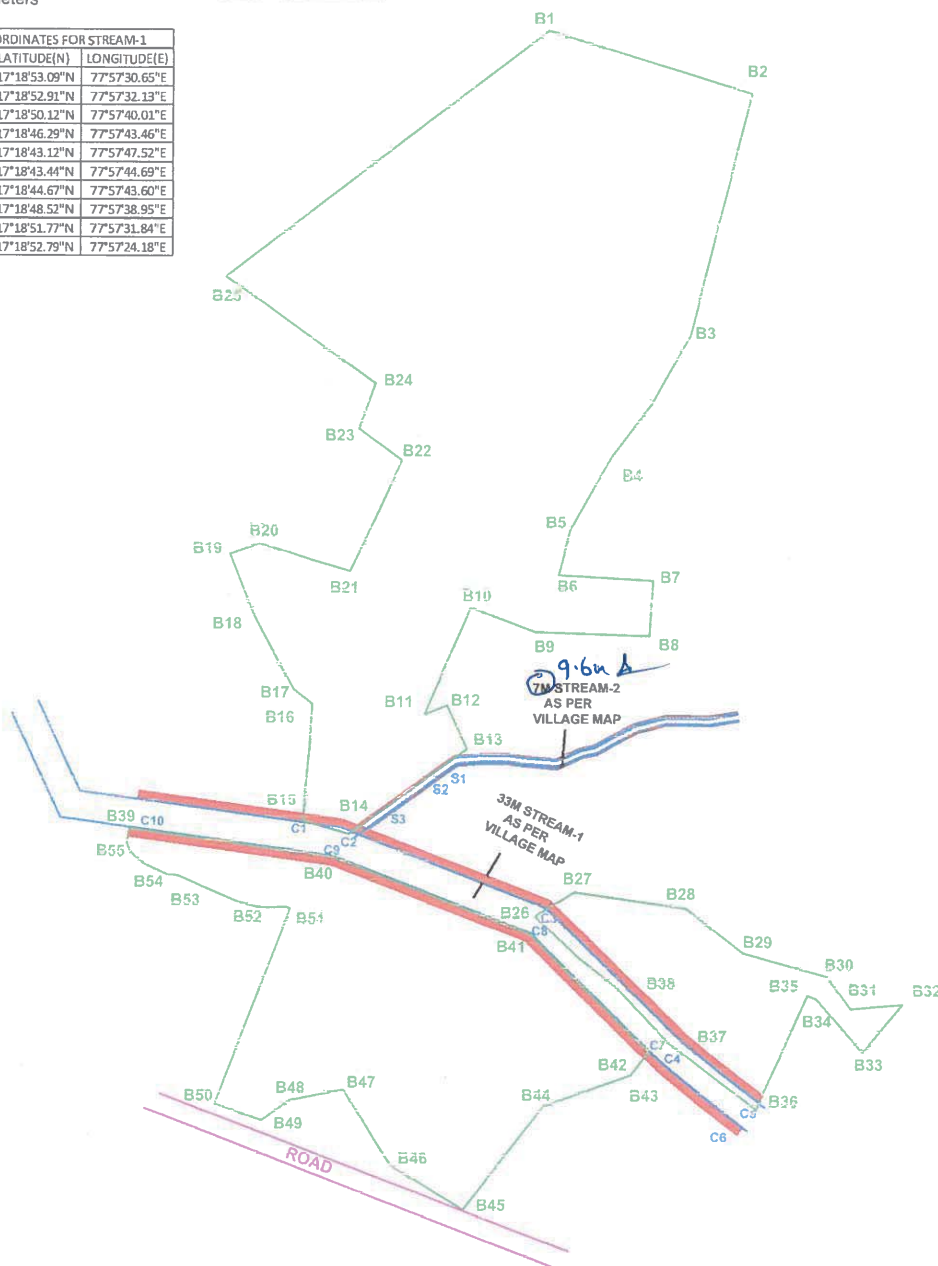


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STREAM	
BUFFER ZONE 2/9M.W	
SURVEY NO. LINE	
APPLICANTS LAND	

All Measurements
are in Meters

GEO COORDINATES FOR STREAM-1		
POINTS	LATITUDE(N)	LONGITUDE(E)
C1	17°18'53.09"N	77°57'30.65"E
C2	17°18'52.91"N	77°57'32.13"E
C3	17°18'50.12"N	77°57'40.01"E
C4	17°18'46.29"N	77°57'43.46"E
C5	17°18'43.12"N	77°57'47.52"E
C6	17°18'43.44"N	77°57'44.69"E
C7	17°18'44.67"N	77°57'43.60"E
C8	17°18'48.52"N	77°57'38.95"E
C9	17°18'51.77"N	77°57'31.84"E
C10	17°18'52.79"N	77°57'24.18"E



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POINTS	LATITUDE(N)	LONGITUDE(E)
B1	17°19'22.21"N	77°57'38.87"E
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B6	17°19'2.62"N	77°57'39.85"E
B7	17°19'2.62"N	77°57'43.38"E
B8	17°19'0.70"N	77°57'43.40"E
B9	17°19'0.51"N	77°57'39.12"E
B10	17°19'1.32"N	77°57'36.59"E
B11	17°18'57.40"N	77°57'35.16"E
B12	17°18'56.97"N	77°57'35.68"E
B13	17°18'55.38"N	77°57'36.29"E
B14	17°18'52.81"N	77°57'32.51"E
B15	17°18'53.46"N	77°57'30.76"E
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B25	17°19'13.26"N	77°57'25.69"E
B26	17°18'49.84"N	77°57'39.45"E
B27	17°18'50.67"N	77°57'41.03"E
B28	17°18'50.09"N	77°57'45.13"E
B29	17°18'48.28"N	77°57'47.76"E
B30	17°18'47.66"N	77°57'50.15"E
B31	17°18'46.70"N	77°57'51.26"E
B32	17°18'46.61"N	77°57'52.62"E
B33	17°18'44.84"N	77°57'51.63"E
B34	17°18'46.73"N	77°57'49.99"E
B35	17°18'47.01"N	77°57'49.27"E
B36	17°18'43.00"N	77°57'47.30"E
B37	17°18'44.98"N	77°57'44.31"E
B38	17°18'46.14"N	77°57'43.40"E
B39	17°18'52.79"N	77°57'24.18"E
B40	17°18'51.77"N	77°57'31.84"E
B41	17°18'48.52"N	77°57'38.95"E
B42	17°18'44.67"N	77°57'43.60"E
B43	17°18'43.41"N	77°57'42.81"E
B44	17°18'42.61"N	77°57'39.95"E
B45	17°18'39.51"N	77°57'37.13"E
B46	17°18'40.60"N	77°57'33.95"E
B47	17°18'43.37"N	77°57'32.04"E
B48	17°18'43.04"N	77°57'30.08"E
B49	17°18'42.04"N	77°57'29.87"E
B50	17°18'42.92"N	77°57'27.49"E
B51	17°18'49.93"N	77°57'30.35"E
B52	17°18'49.96"N	77°57'28.99"E
B53	17°18'51.13"N	77°57'26.05"E
B54	17°18'51.56"N	77°57'24.79"E
B55	17°18'52.25"N	77°57'24.11"E

GEO COORDINATES FOR STREAM-2		
POINTS	LATITUDE(N)	LONGITUDE(E)
S1	17°18'55.02"N	77°57'36.51"E
S2	17°18'55.07"N	77°57'35.93"E
S3	17°18'52.66"N	77°57'32.44"E

Mandal Surveyor,
Pudur Mandal,
Vikarabad District.

TAHSILDAR
PUDUR MANDAL
VIKARABAD DISTRICT

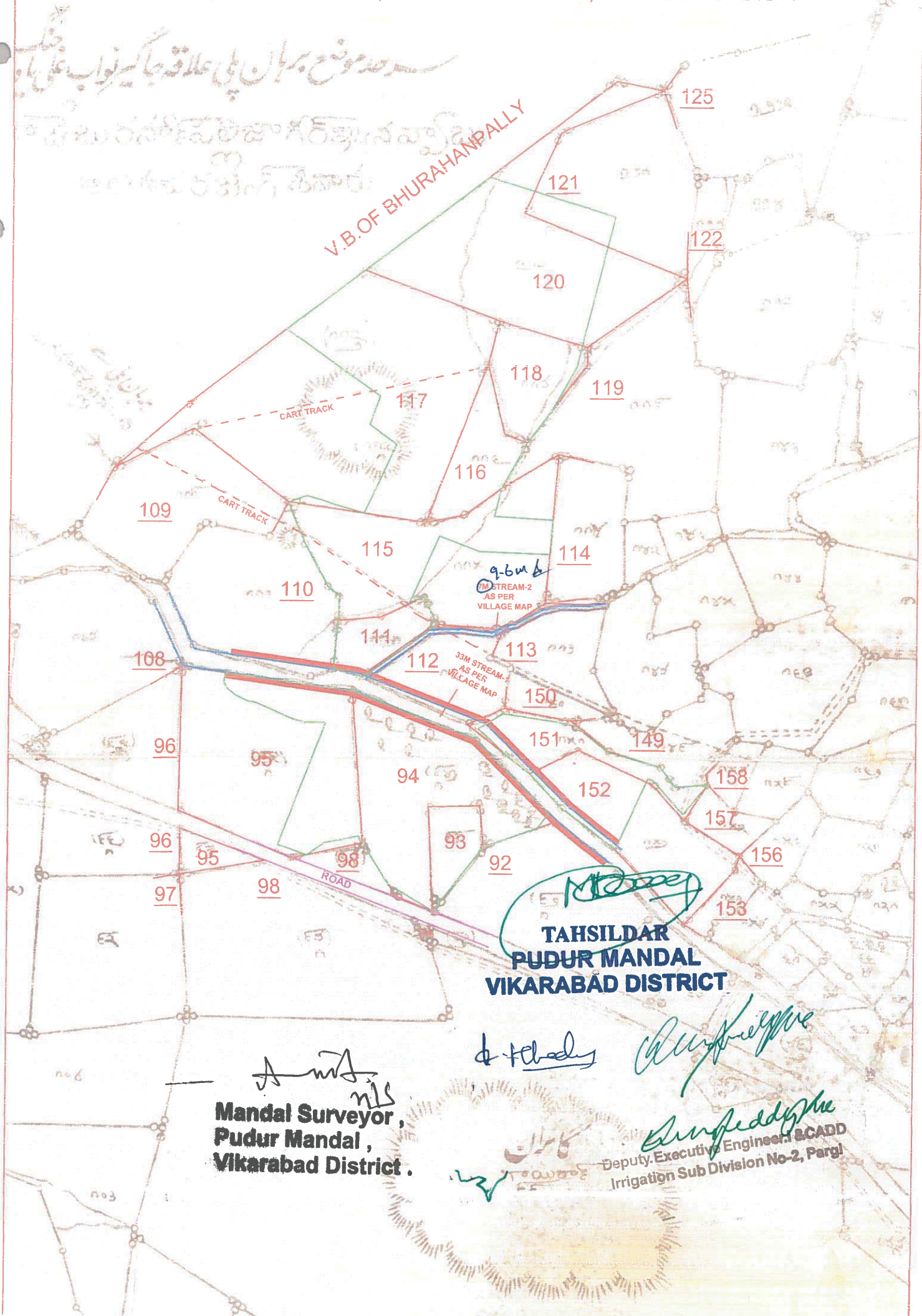
Deputy Executive Engineer, I & CADD
Irrigation Sub Division No-2, Pargal

Executive Engineer, & CAD
Irrigation Sub Division No-2, Bargi

Vikarabad District
Pudur Mandal
Mandal Surveyor

VIKARABAD DISTRICT
PUDUR MANDAL
TANISILDAR

LOCATION SKETCH OF SY.NO'S. 93,94,95,111,115,116,117,118,120,121,151 & 152.
OF YENKEPALLY VILLAGE, PUDURU MANDAL, VIKARABAD DIST.



V.B.OF BHURAHANPALLY

CART TRACK

CART TRACK

9.6m stream-2
AS PER
VILLAGE MAP

33m stream-1
AS PER
VILLAGE MAP

ROAD

**TAHSILDAR
PUDURU MANDAL
VIKARABAD DISTRICT**

**Mandal Surveyor,
Pudur Mandal,
Vikarabad District.**

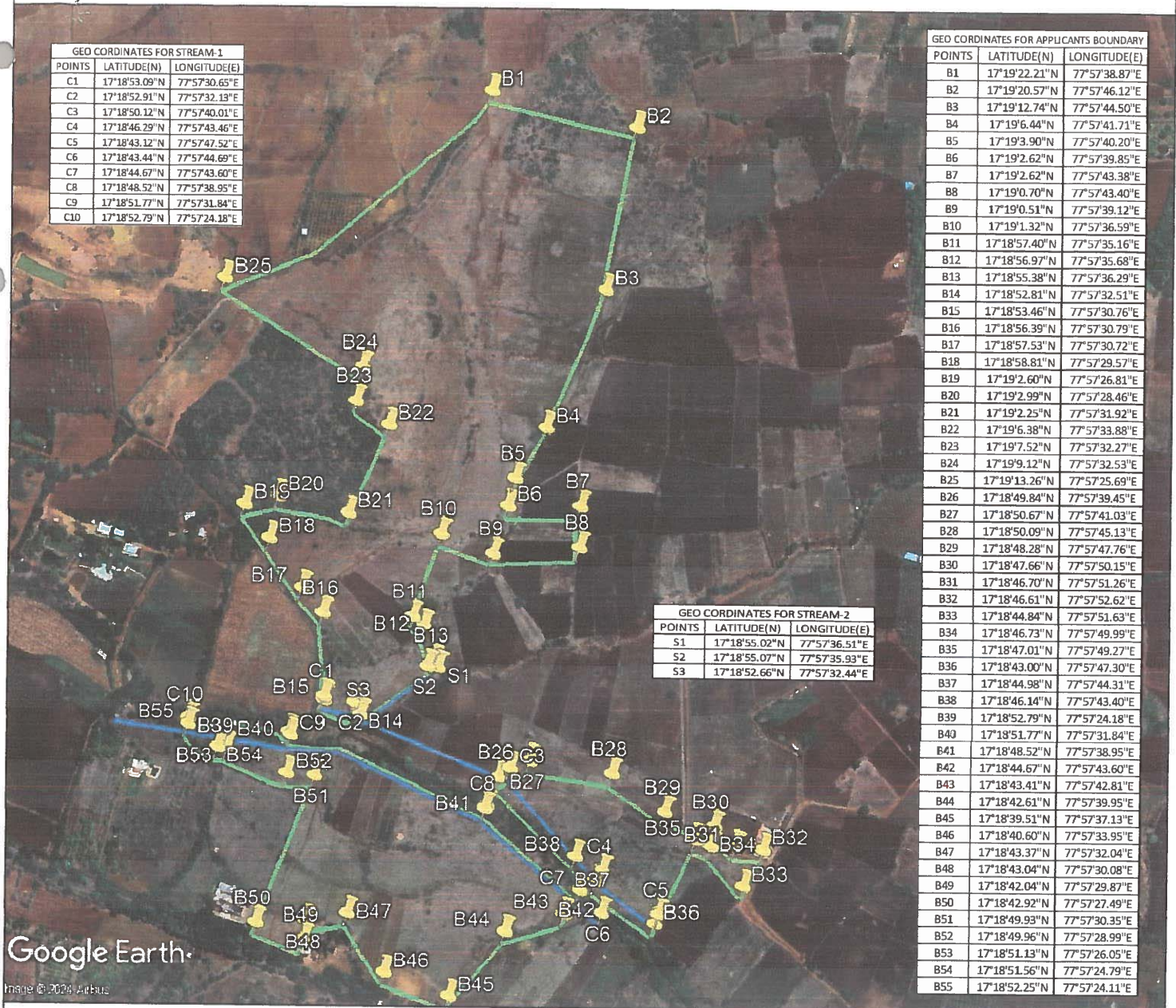
**Deputy Executive Engineer, I & CADD
Irrigation Sub Division No-2, Pargal**

VIKARABAD DISTRICT
PUDUR MANDAL
TAHSILDAR

VIKARABAD DISTRICT
PUDUR MANDAL
Mandal Surveyor

Executive Engineer
SCAD
Sub Division No-2, Pargi

LOCATION SKETCH OF SY.NO'S. 93,94,95,111,115,116,117,118,120,121,151 & 152.
OF YENKEPALLY VILLAGE, PUDURU MANDAL, VIKARABAD DIST.



[Signature]
**Mandal Surveyor ,
Pudur Mandal ,
Vikarabad District .**

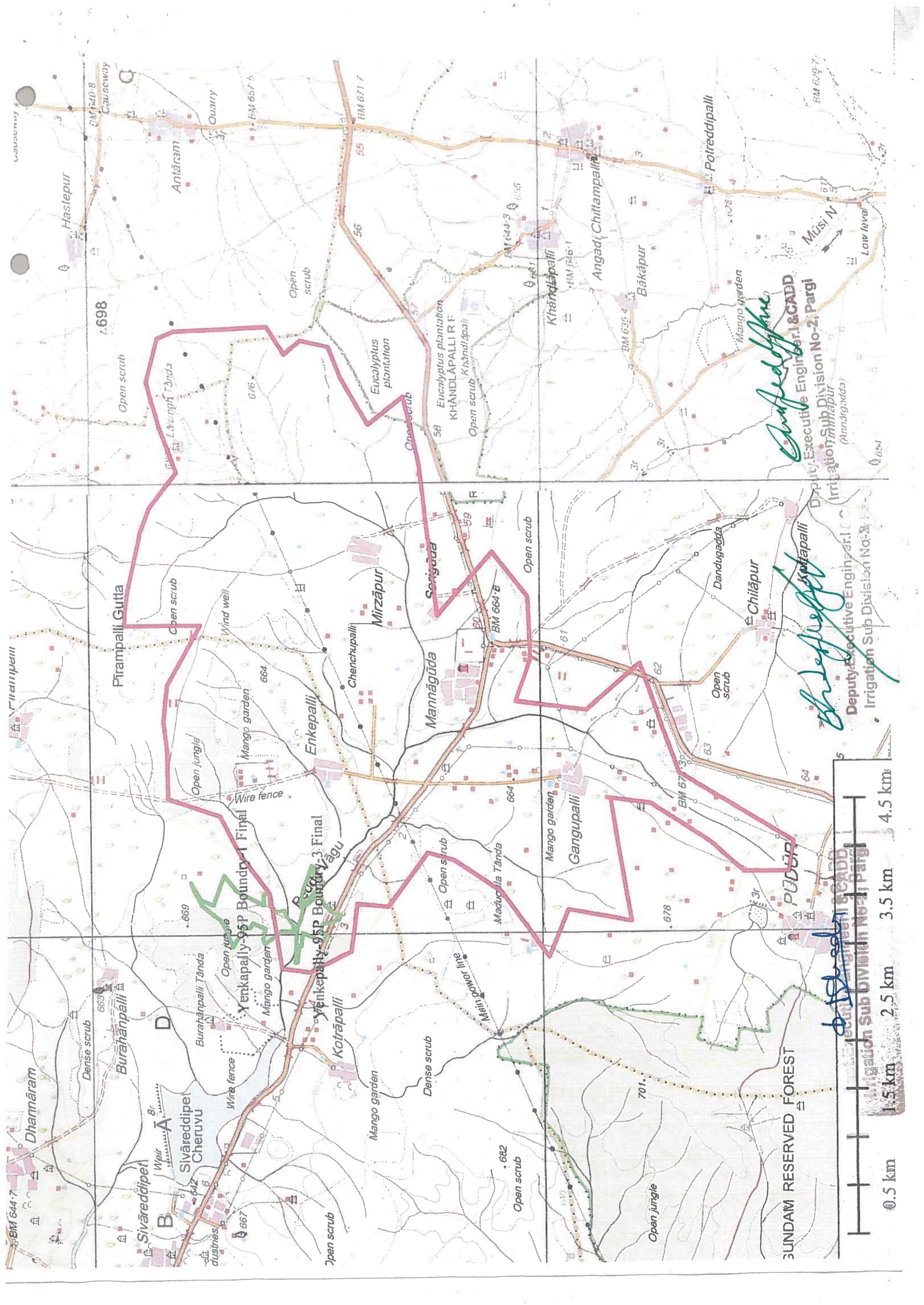
[Signature]
**Deputy Executive Engineer & CADD
Irrigation Sub Division No-2, Pargi**

[Signature]
**TAHSILDAR
PUDUR MANDAL
VIKARABAD DISTRICT**

Vikarabad District.
Pudur Mandal,
Mandal Surveyor.

Deputy Executive Engineer, & CADD
Irrigation Sub Division No-2, Pargi

VIKARABAD DISTRICT
PUDUR MANDAL
TAHSILDAR



Deputy Engineer
Deputy Executive Engineer No-2, Pargi
Irrigation Sub Division (Annapurthi)

Deputy Engineer
Deputy Executive Engineer No-2, Pargi
Irrigation Sub Division

SUNDAM RESERVED FOREST

Deputy Engineer
Deputy Executive Engineer No-2, Pargi
Irrigation Sub Division



Hydraulic Particulars of Stream :

Catchment area = 8.111 sq.miles

Dicken's Formula $Q = C \times M^{3/4}$

$$= 1000 \times 4.80624$$

$$= 4806.2 \text{ Cusecs.}$$

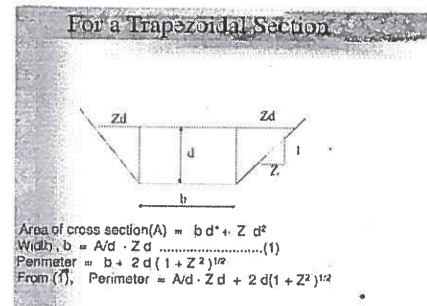
$$= 136.11 \text{ Cumecs.}$$

$Q = \text{Area} \times \text{Velocity}$

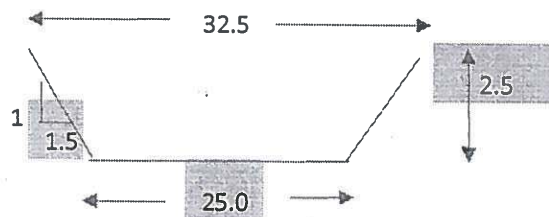
$136.108 = \text{Area} \times 2$

Depth of the Stream = 2.5 mts (assumed)

Area = $(b \cdot d) + (1.0 \cdot d^2)$ b = 24.72 mt



Design of Tail Channel :



Discharge. = 136.11 cumecs

Bed Width = 25.00 mts

Depth (assumed) = 2.5 mts

side slopes = 1.5 : 1

Bed Fall = 1 : 1000

Coefficient of Rugosity n = 0.025 (for Murum)

Area = $b \cdot d + Z \cdot d^2$

$$= 71.88 \text{ m}^2$$

Perimeter = $b + 2 \cdot d (1 + Z^2)^{1/2}$

$$= 34.01 \text{ mt}$$

$$R = A/P$$
$$= 2.113$$

$$R^{2/3} = 1.647$$

$$V = 1/n \times R^{2/3} \times S^{1/2}$$
$$= 2.083 \text{ mts/sec}$$

$$Q = V \times A$$
$$149.711 > 136.11$$

Hence OK.

b. P. Chaudhary
AEE


Deputy Executive Engineer-I & CADD
Irrigation Sub Division No-2, Pargi

Hydraulic Particulars of Stream :

Catchment area = 0.425 sq.miles

Dicken's Formula $Q = C \times M^{3/4}$
 $= 1200 \times 0.52637$
 $= 631.64 \text{ Cusecs.}$
 $= 17.89 \text{ Cumecs.}$

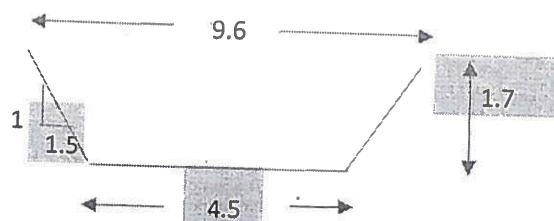
$Q = \text{Area} \times \text{Velocity}$

$17.888 = \text{Area} \times 1.8$

Depth of the Stream = 1.7 mts (assumed)

$\text{Area} = (b \cdot d) + (1.0 \cdot d^2)$ $b = 4.15 \text{ mt}$

Design of Tail Channel :



Discharge. = 17.89 cumecs

Bed Width = 4.50 mts

Depth (assumed) = 1.7 mts

side slopes = 1 : 1

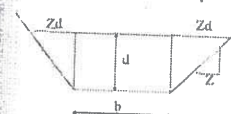
Bed Fall = 1 : 600

Coefficient of Rugosity $n = 0.025$ (for Murum)

Area = $b \cdot d + Z \cdot d^2$
 $= 11.99 \text{ m}^2$

Perimeter = $b + 2 \cdot d (1 + Z^2)^{1/2}$
 $= 10.63 \text{ mt}$

For a Trapezoidal Section



Area of cross section(A) = $b d + Z d^2$
 Width $b = A/d - Z d$ (1)
 Perimeter = $b + 2 d (1 + Z^2)^{1/2}$
 From (1), Perimeter = $A/d - Z d + 2 d (1 + Z^2)^{1/2}$

$$R = A/P$$
$$= 1.128$$

$$R^{2/3} = 1.083$$

$$V = 1/n \times R^{2/3} \times S^{1/2}$$
$$= 1.769 \text{ mts/sec}$$

$$Q = V \times A$$
$$21.2019 > 17.89$$

Hence OK.

L. Kheddy
all



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