

Fig.F. 2-2 Average Monthly Diversion Water Requirements of Respective Tanks

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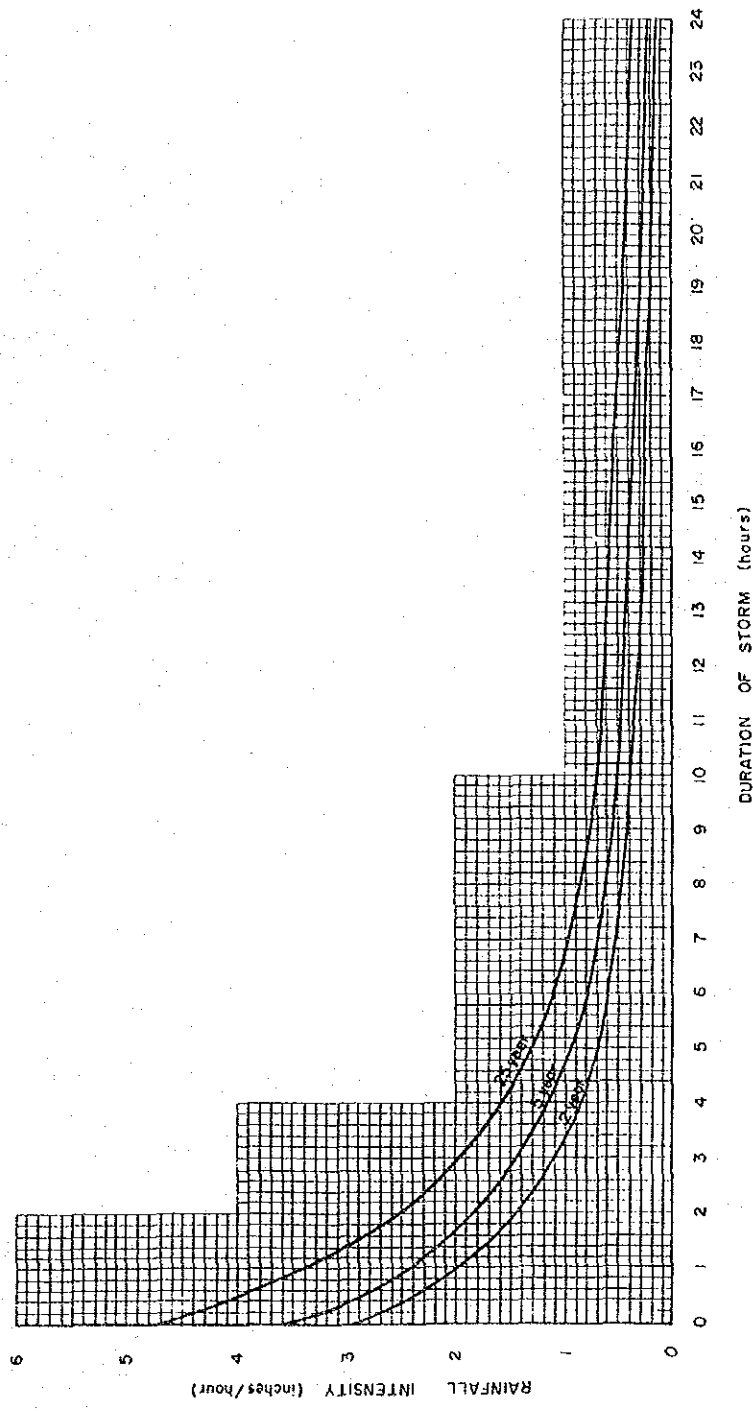
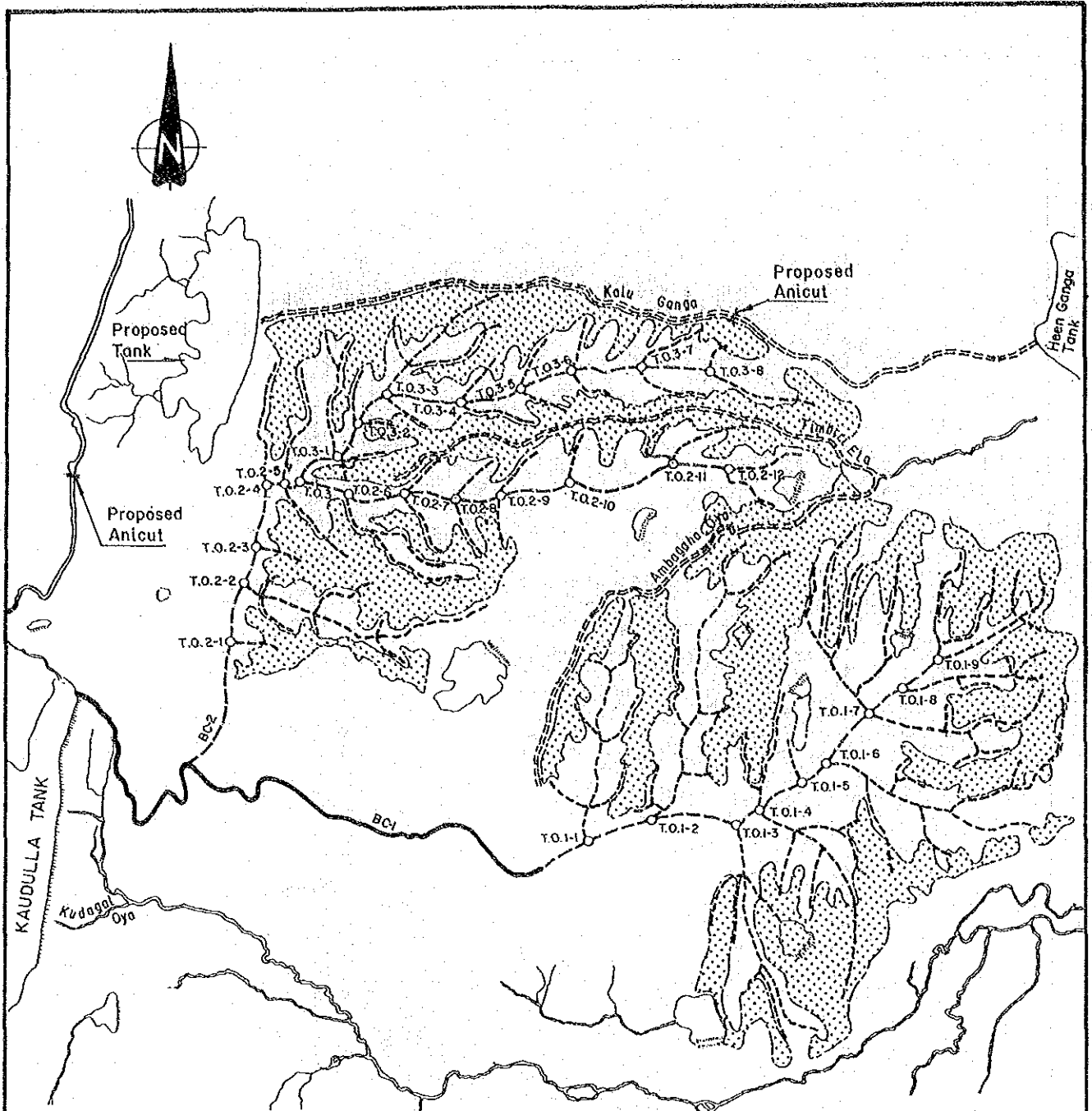






Fig.F. 3-1 Rainfall Intensity-Duration Curve
(Anuradhapura)

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LEGEND

-  Proposed Irrigation Area
-  Existing Irrigation Canal to be Improved
-  Proposed Irrigation Canal & Turnout
-  Proposed Drainage Canal

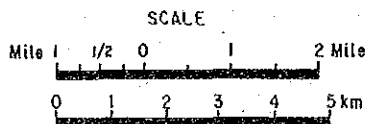


Fig.F. 4-1(1/3) Irrigation and Drainage Layout (System D1)

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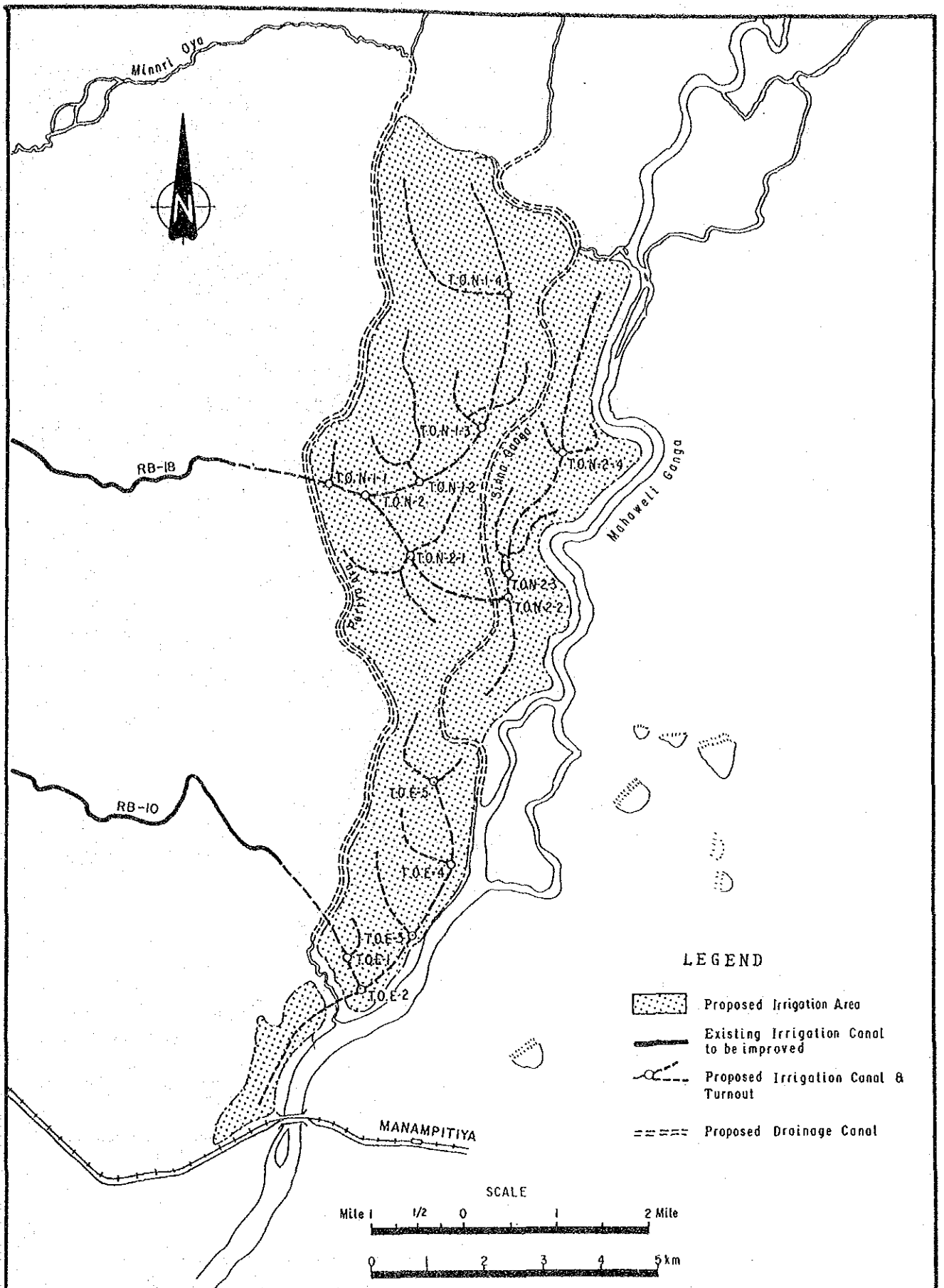


Fig.F.4-1(2/3) Irrigation and Drainage Layout
(System D2)

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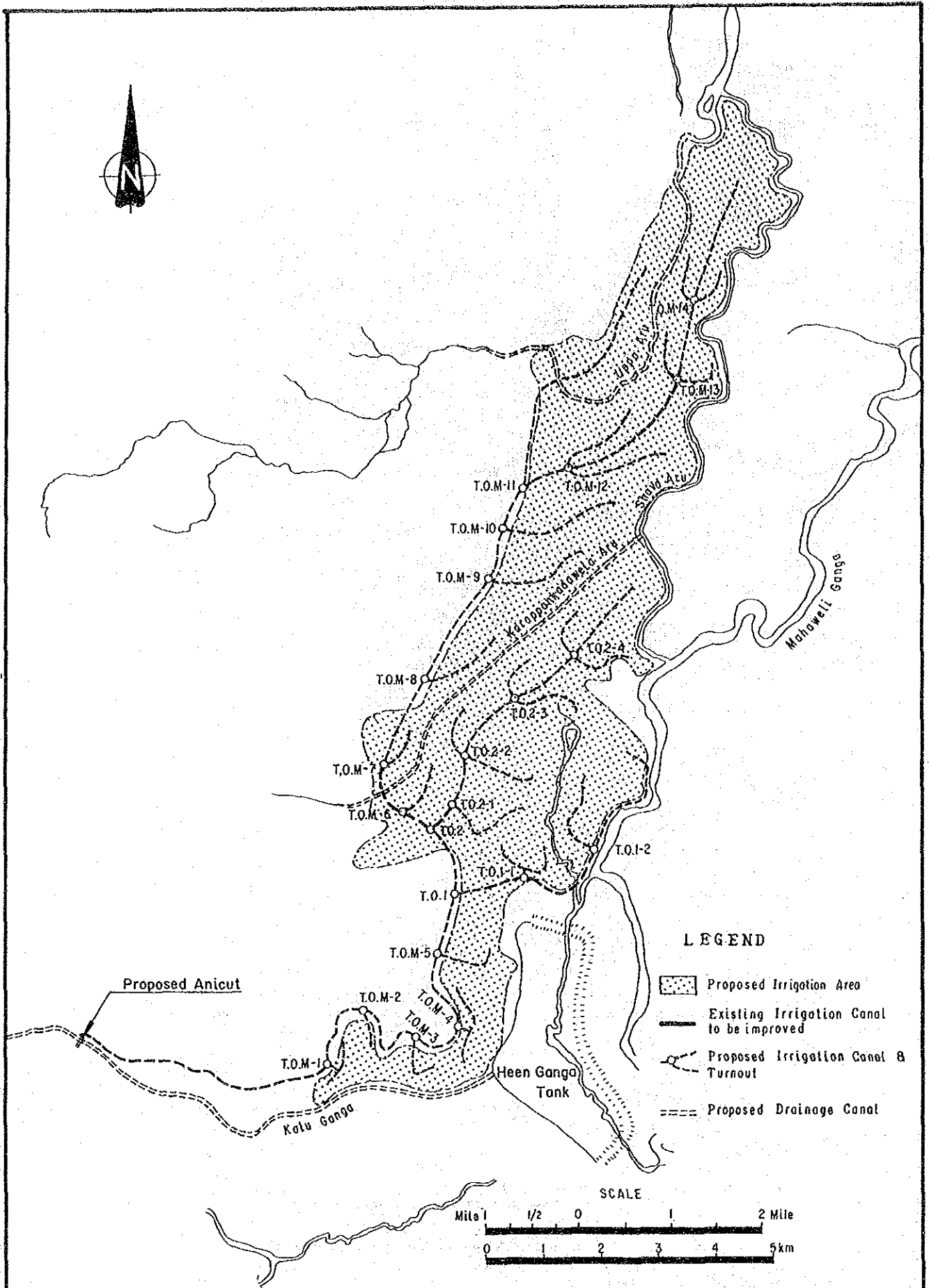
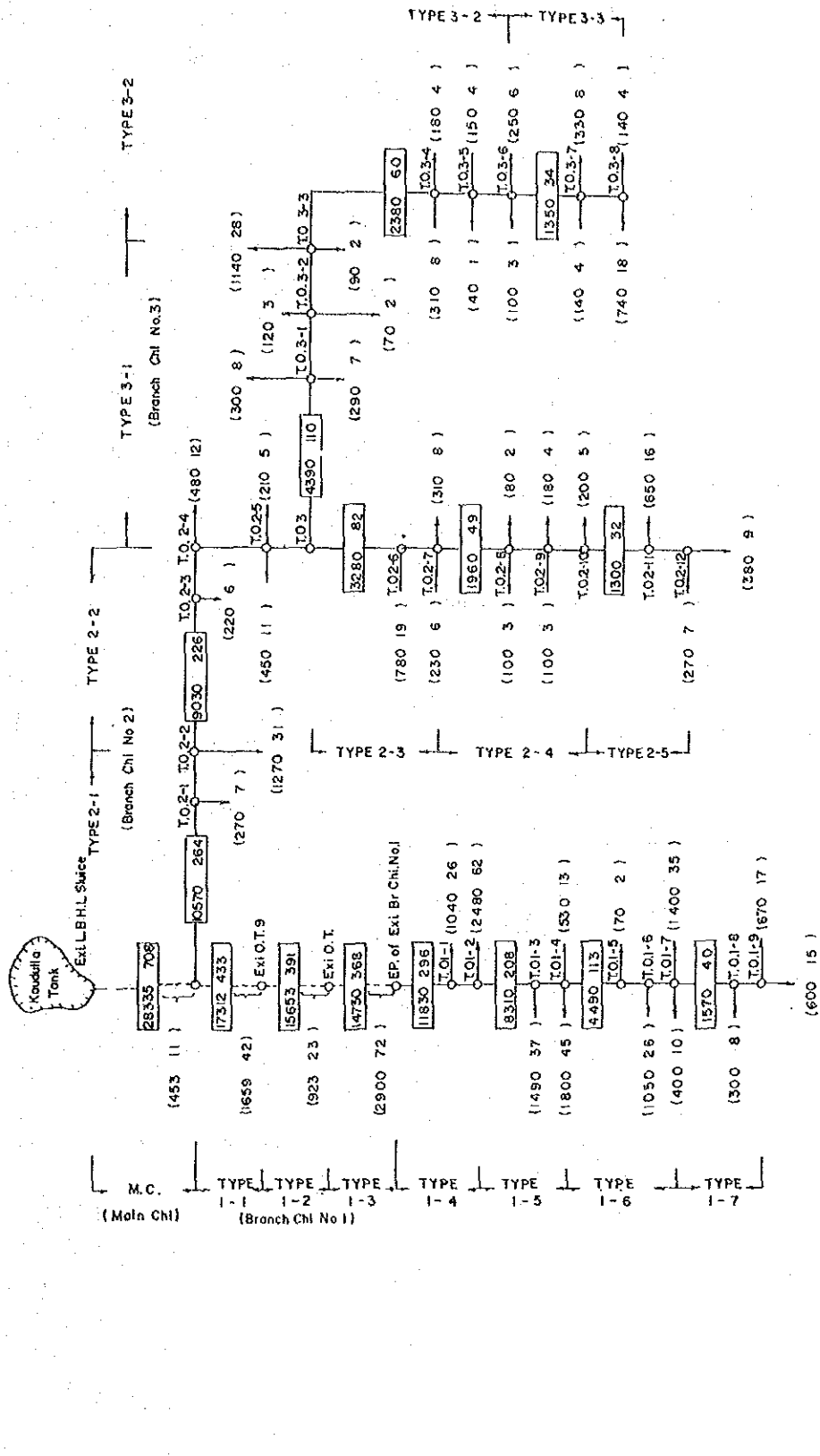


Fig.F. 4-1(3/3) Irrigation and Drainage Layout (System A/D)

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- NOTES:-
- AQ A = Irrigation Area in Acres
 - (AQ) Q = Discharge in Cusec
 - Proposed Canal
 - - - Existing Canal to be improved
 - Turn out

Fig.F. 4-2(1/3) Irrigation Diagram

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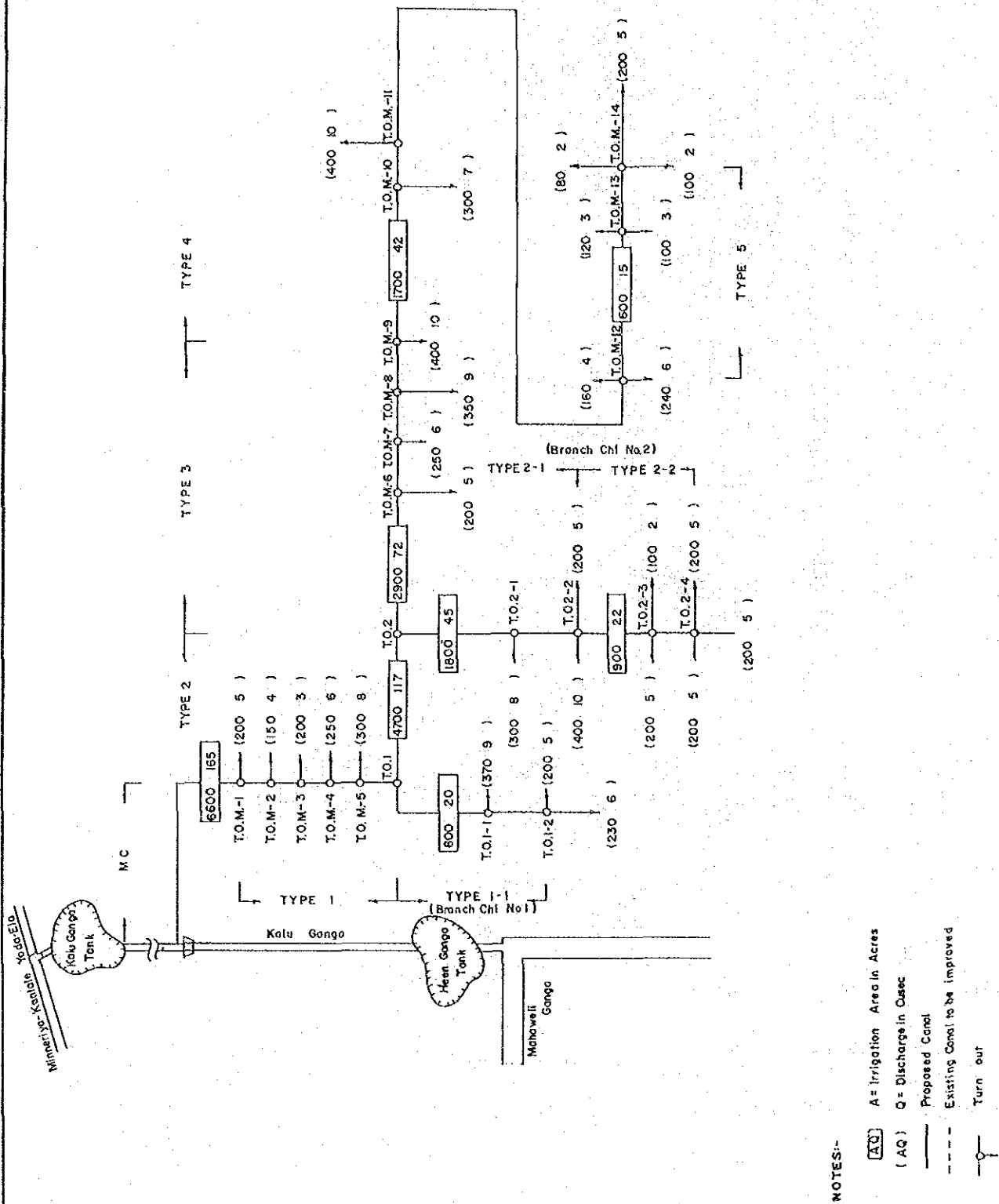
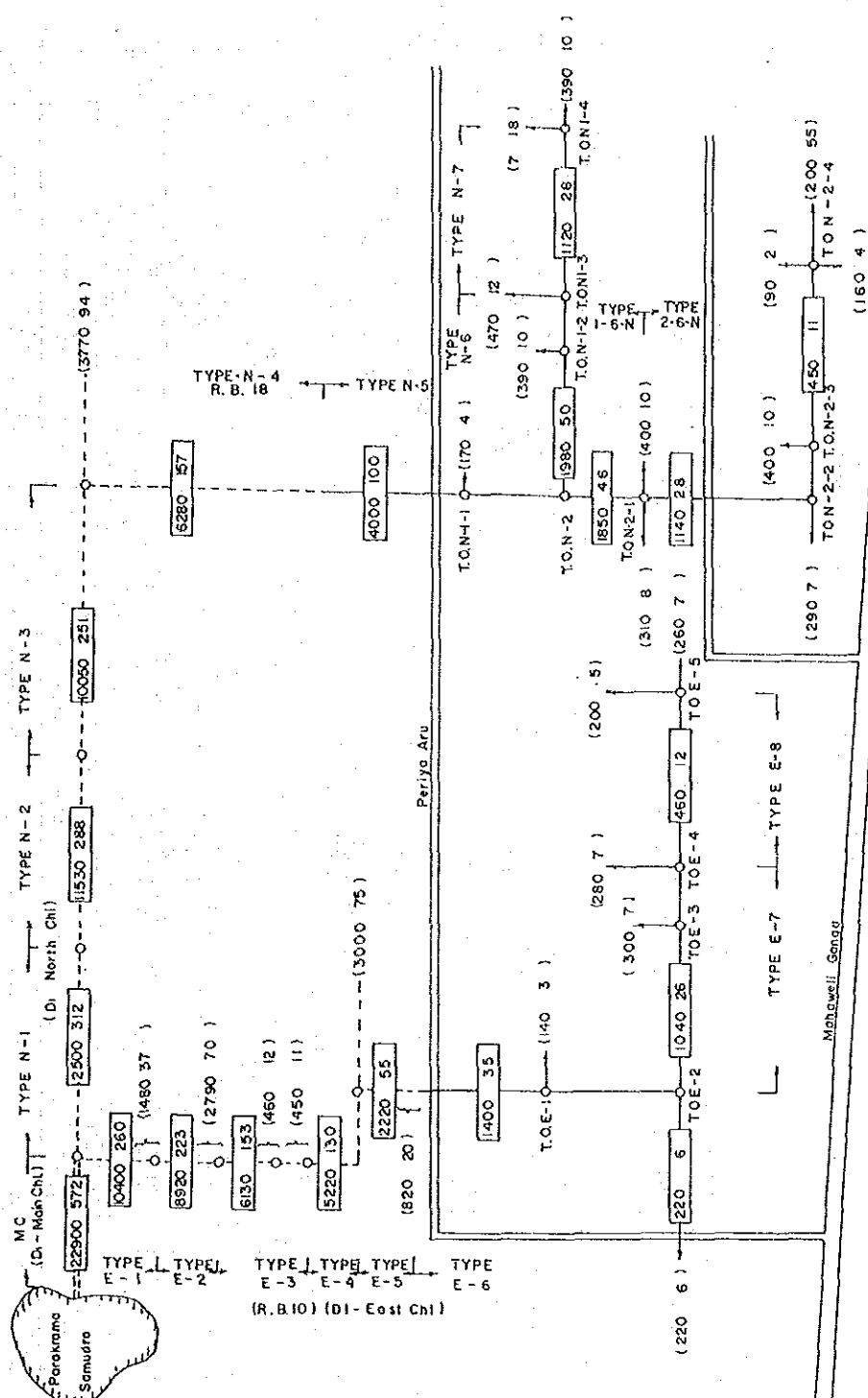


Fig.F. 4-2(2/3) Irrigation Diagram

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- NOTES:-
- (A) A = Irrigation Area in Acres
 - (Q) Q = Discharge in Cusec
 - Proposed Canal
 - - - Existing Canal to be improved
 - ⊥ Turn out

Fig.F. 4-2(3/3) Irrigation Diagram

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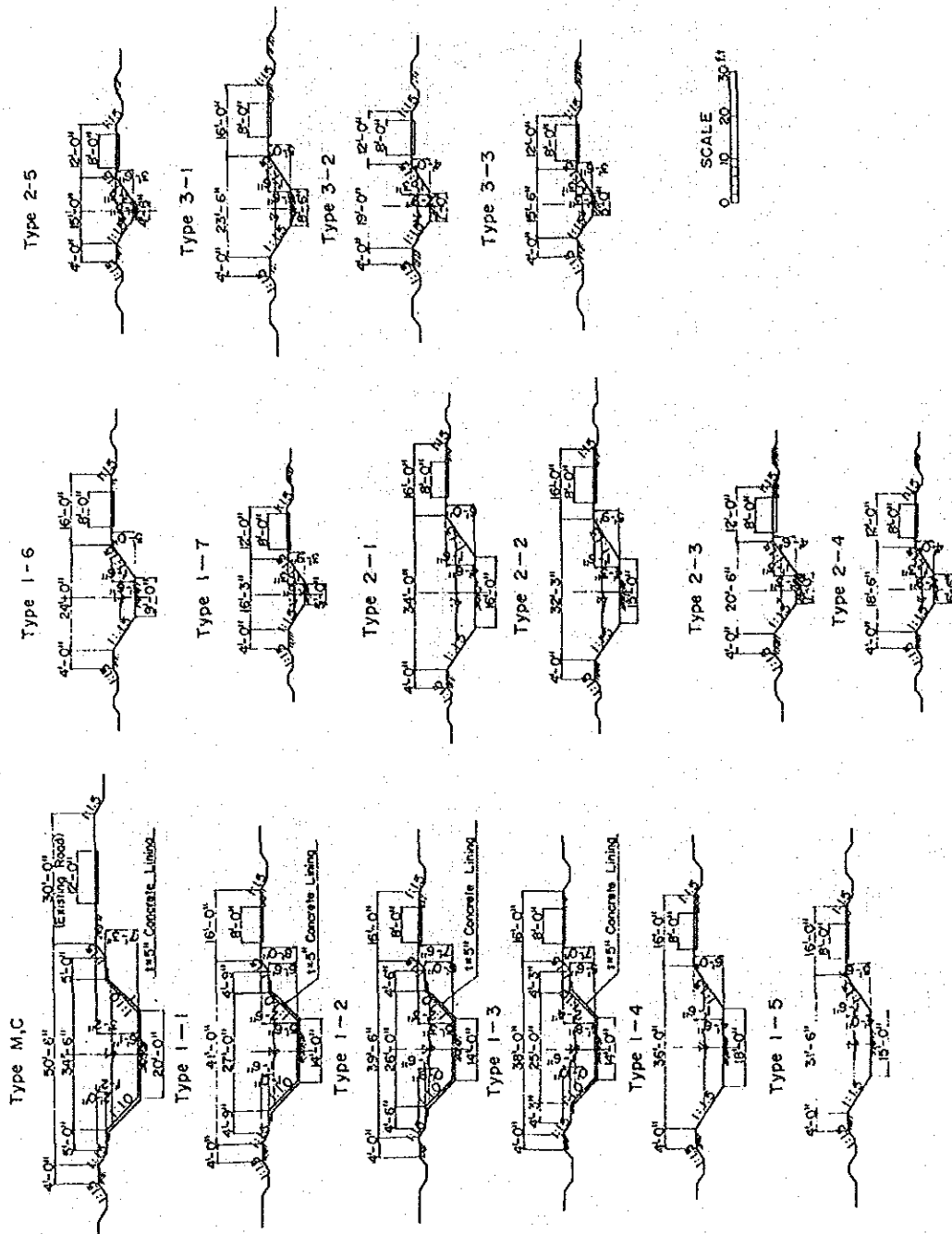


Fig.F. 4-3(1/3) Standard Cross Section of Irrigation Canals (System D1)

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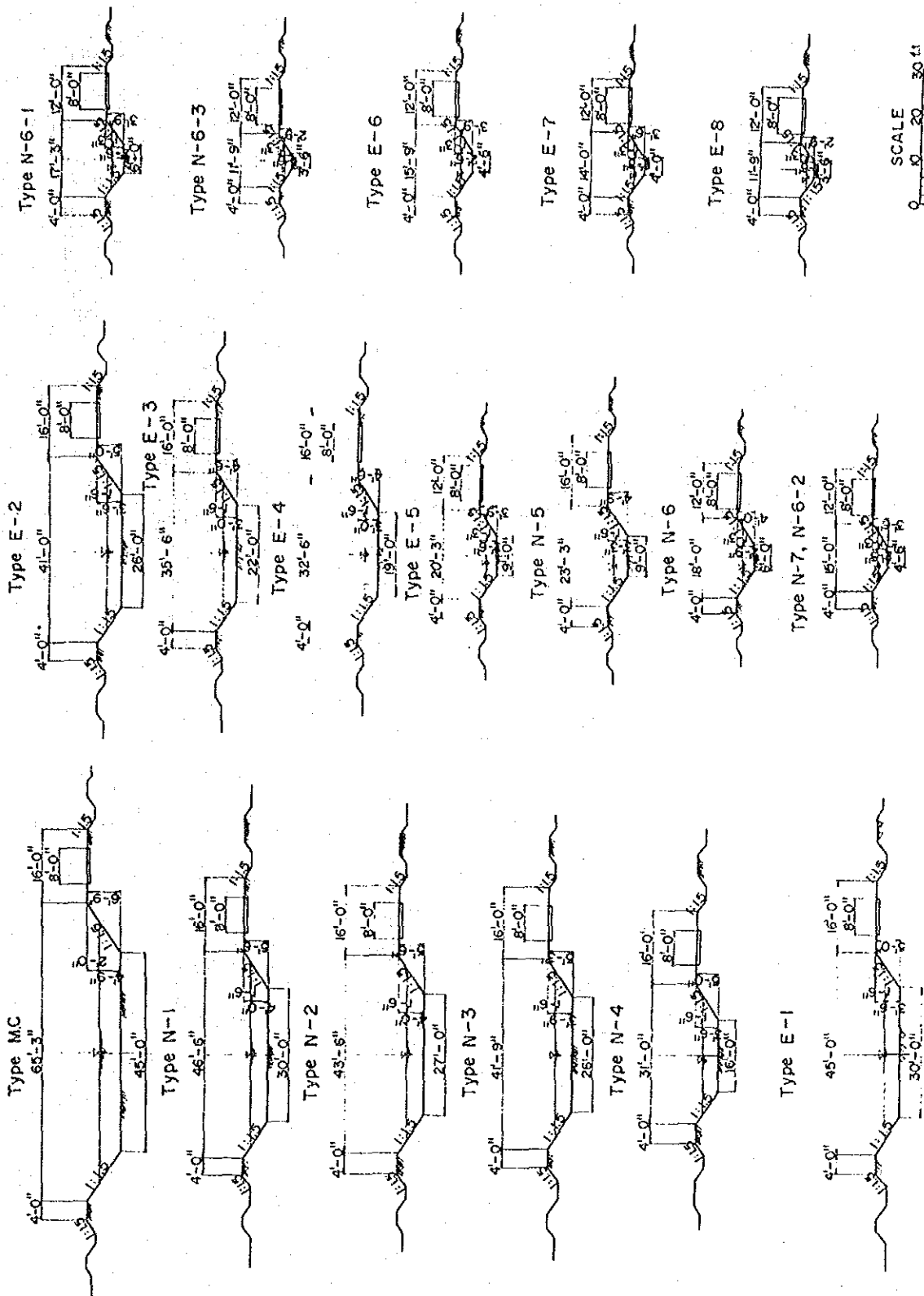


Fig.F. 4-3(2/3) Standard Cross Section of Irrigation Canals (System D2)

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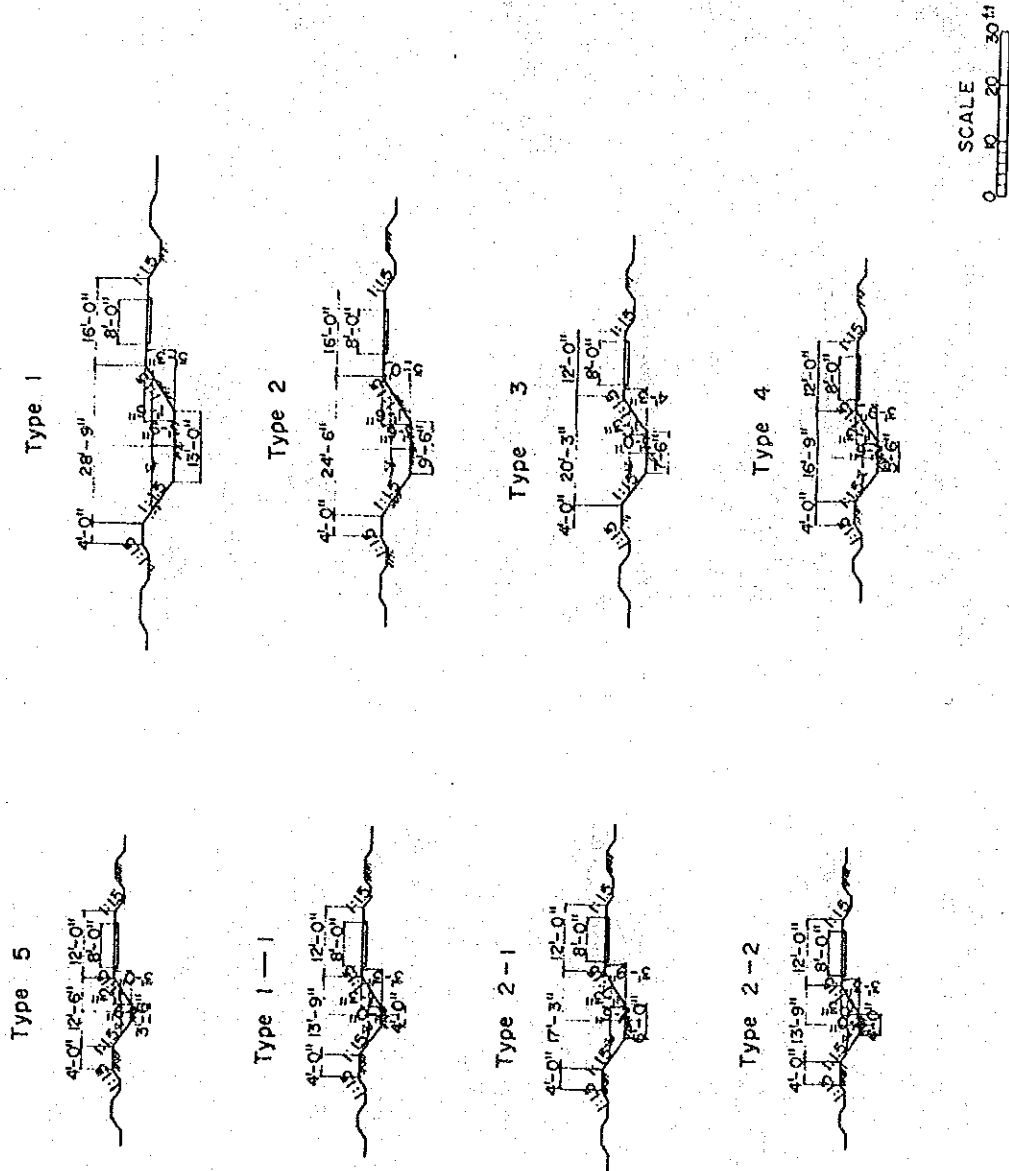
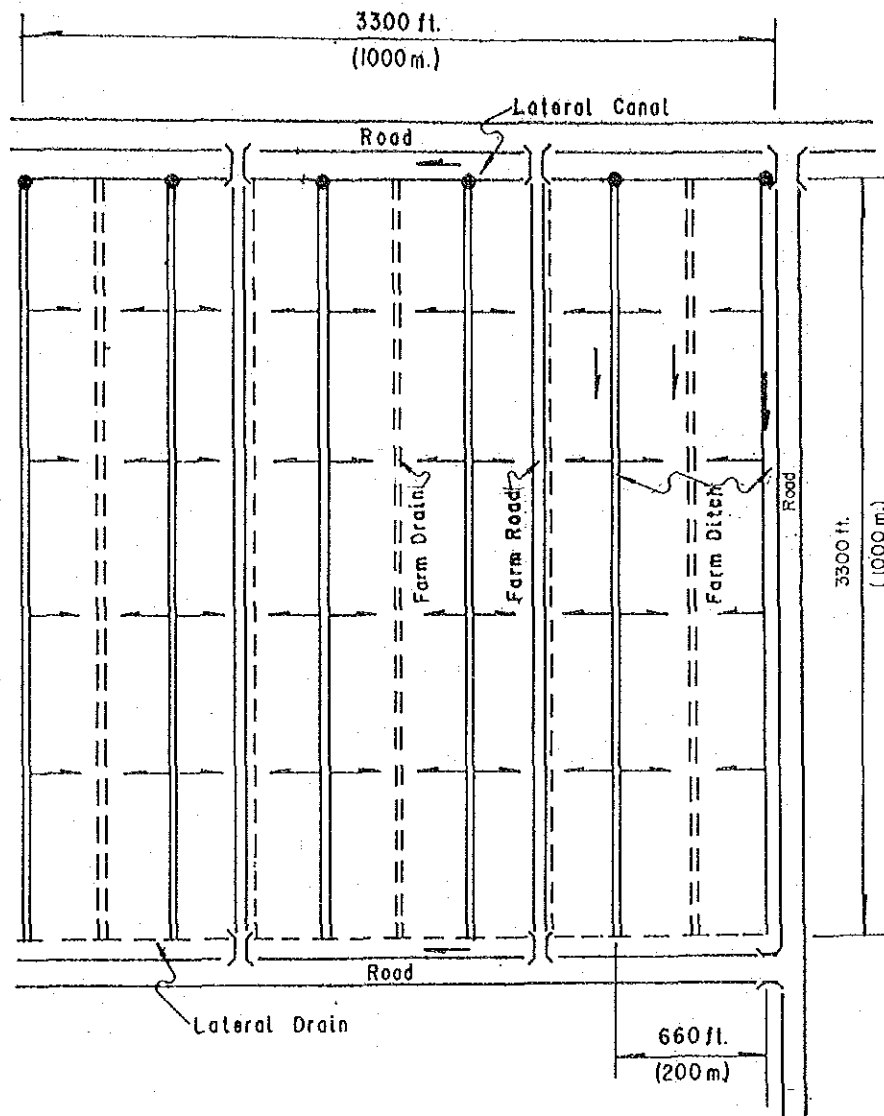


Fig.F. 4-3(3/3) Standard Cross Section of Irrigation Canals (System A/D)

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Farm Ditch Intervals 200m

Lateral Canal	$\frac{3300 \text{ ft}}{247 \text{ ac}}$	= 13 ft/ac
Farm Ditch	$\frac{19800 \text{ ft}}{247 \text{ ac}}$	= 80 ft/ac
Irrigation Canal Density = 93 ft/ac		
Lateral Drain	$\frac{3300 \text{ ft}}{247 \text{ ac}}$	= 13 ft/ac
Farm Drain	$\frac{16500 \text{ ft}}{247 \text{ ac}}$	= 67 ft/ac

Drainage Canal Density	= 67 ft/ac
Road	$\frac{9900 \text{ ft}}{247 \text{ ac}}$ = 40 ft/ac
Farm Road	$\frac{6600 \text{ ft}}{247 \text{ ac}}$ = 27 ft/ac
Road Density	= 67 ft/ac

Fig.F. 4-4 Typical Layout of Downstream Development

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