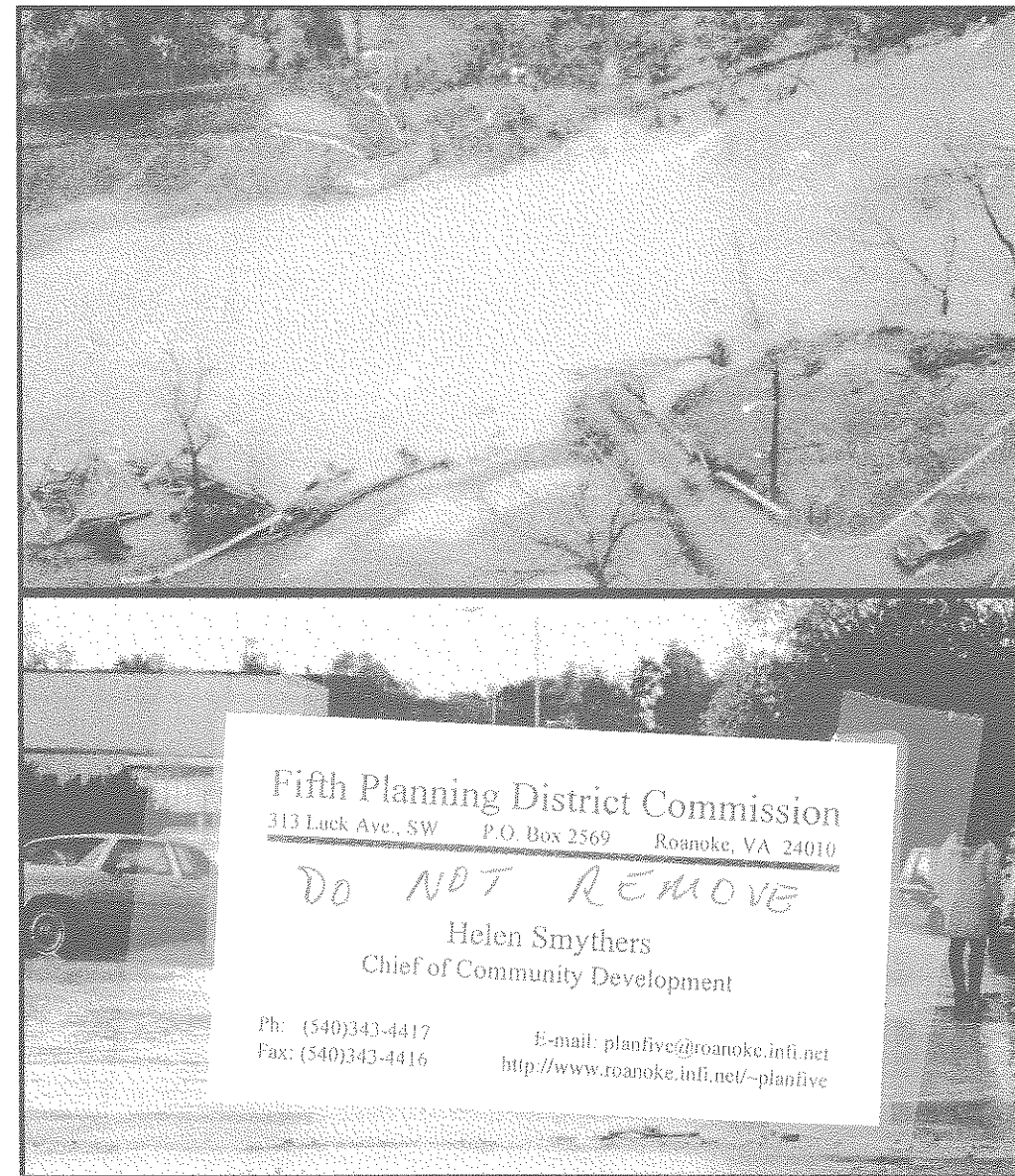


Roanoke Valley Regional Stormwater Management Plan

Sponsored by:

- Fifth Planning District Commission, and
- City of Roanoke
- City of Salem
- County of Roanoke
- Town of Vinton

October 1997

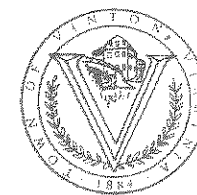


Working Together to Address the Roanoke Valley Flooding Problems!

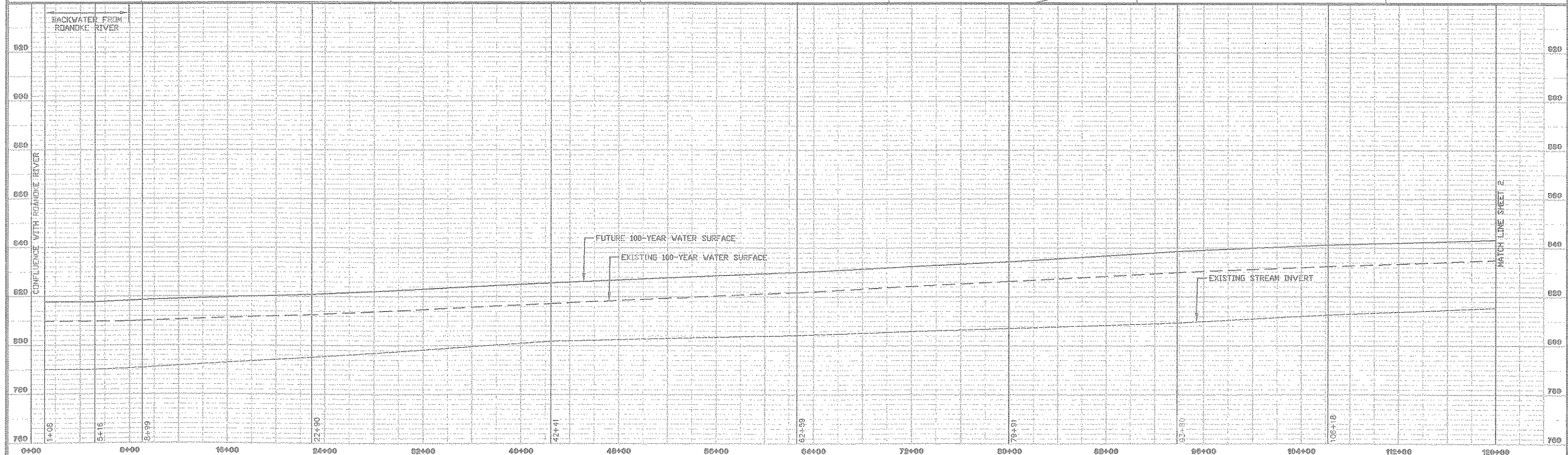
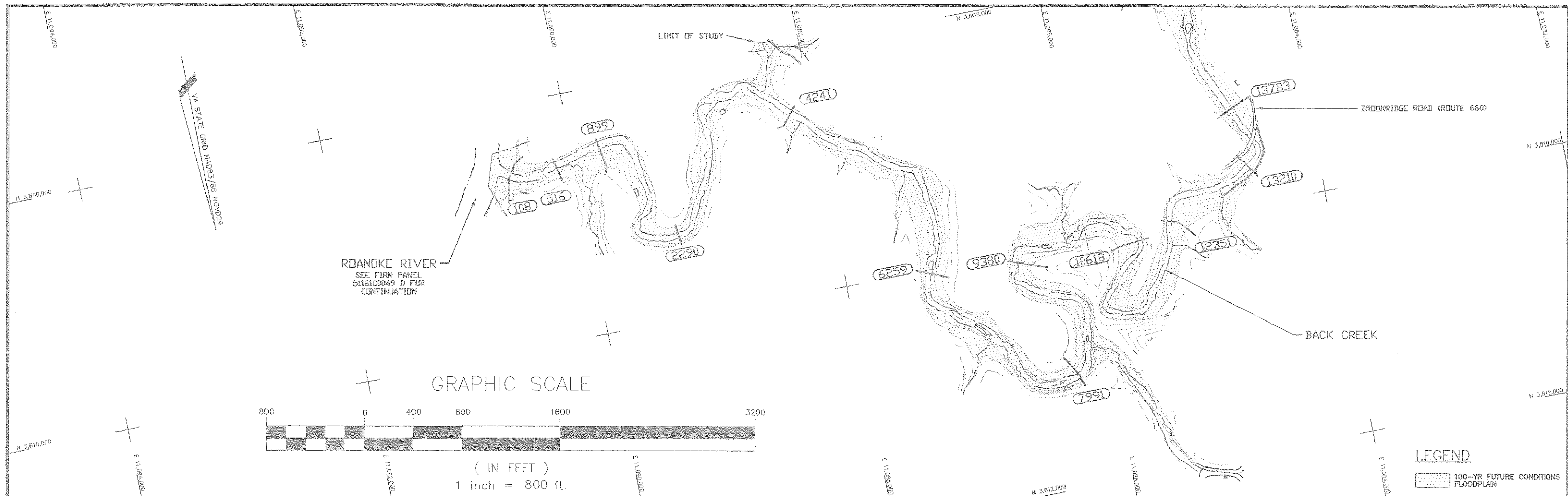
Covering:

- Back Creek Watershed
- Barnhardt Creek Watershed
- Butt Hollow Creek Watershed
- Carvin Creek Watershed
- Cole Hollow Branch Watershed
- Dry Branch Watershed
- Gish Branch Watershed
- Glade Creek Watershed
- Lick Run Watershed
- Mason Creek Watershed
- Mudlick Creek Watershed
- Murray Run Watershed
- Ore Branch Watershed
- Peters Creek Watershed
- Tinker Creek Watershed
- Wolf Creek Watershed

Prepared by Dewberry&Davis in cooperation with:
• CH2M Hill
• T.P. Parker&Son
• Barton Aerial Technologies



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P. O. DRAWER 2569
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BACK CREEK
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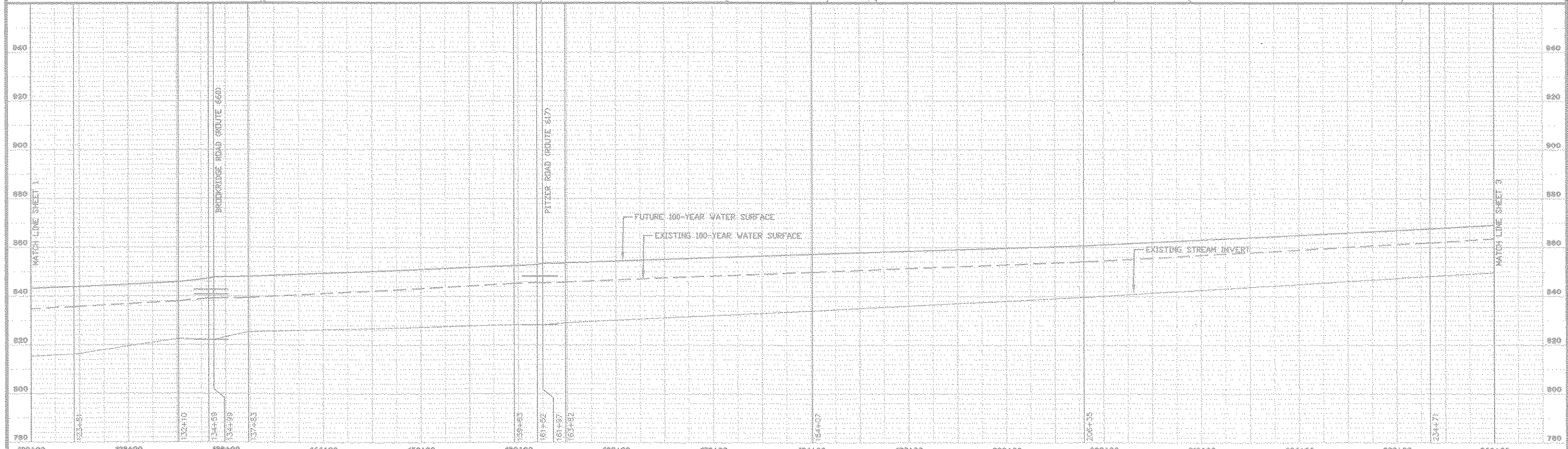
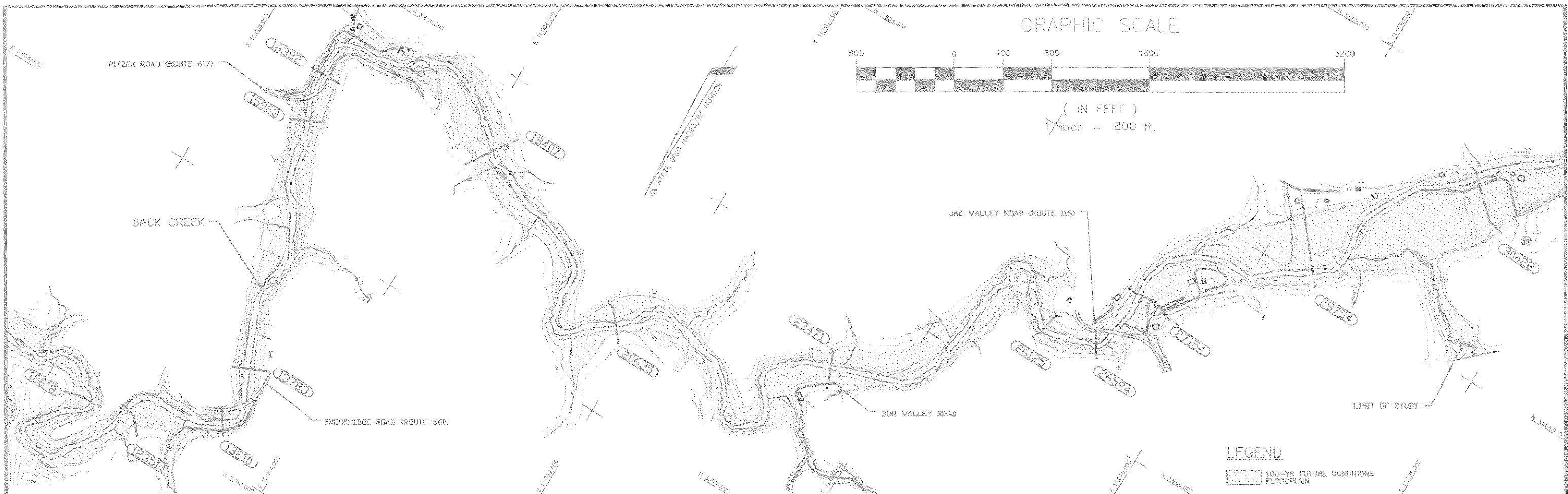
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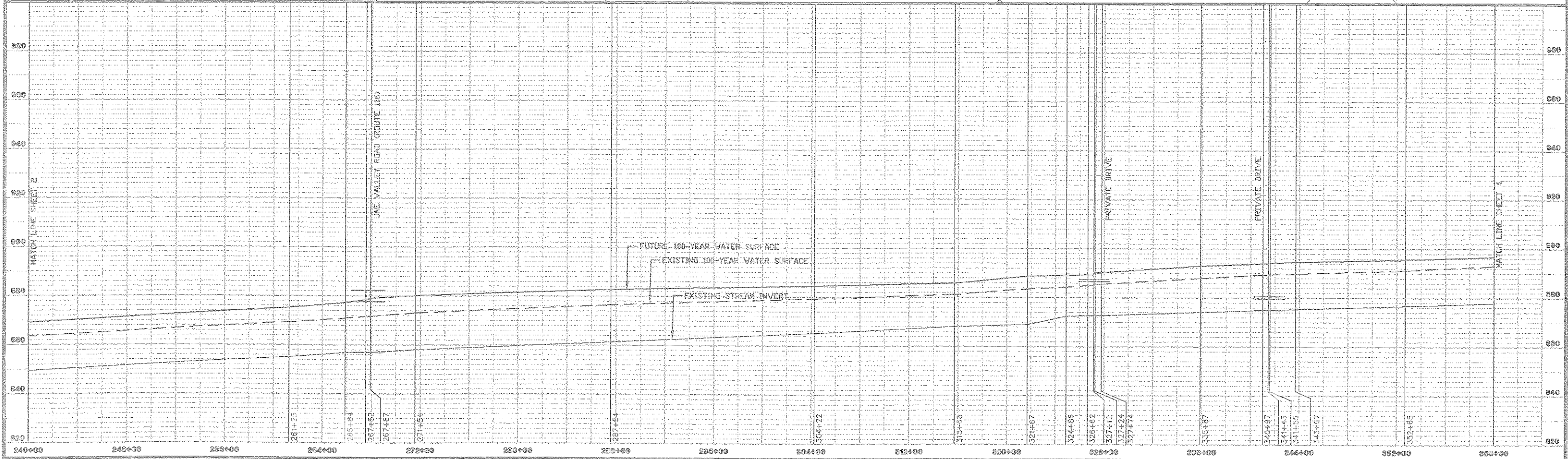
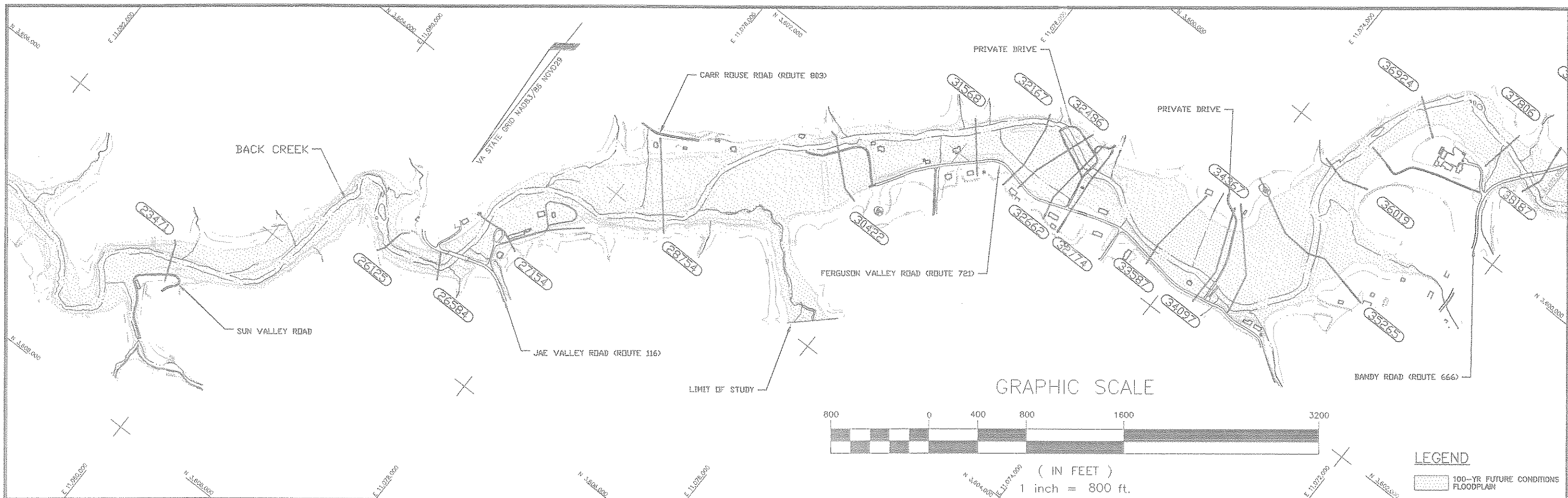
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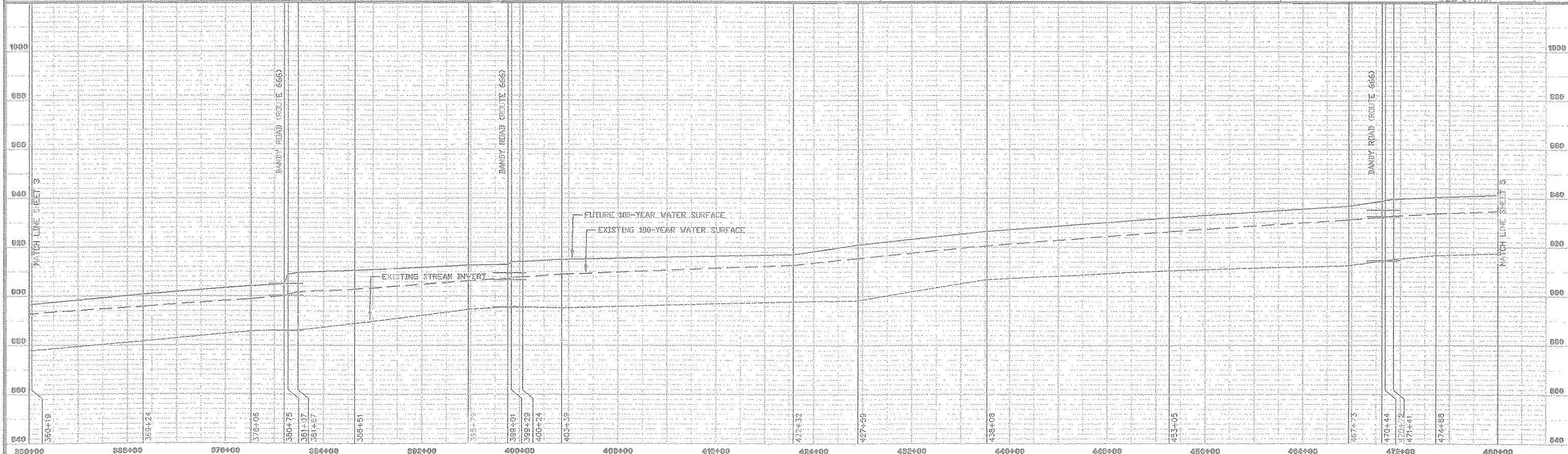
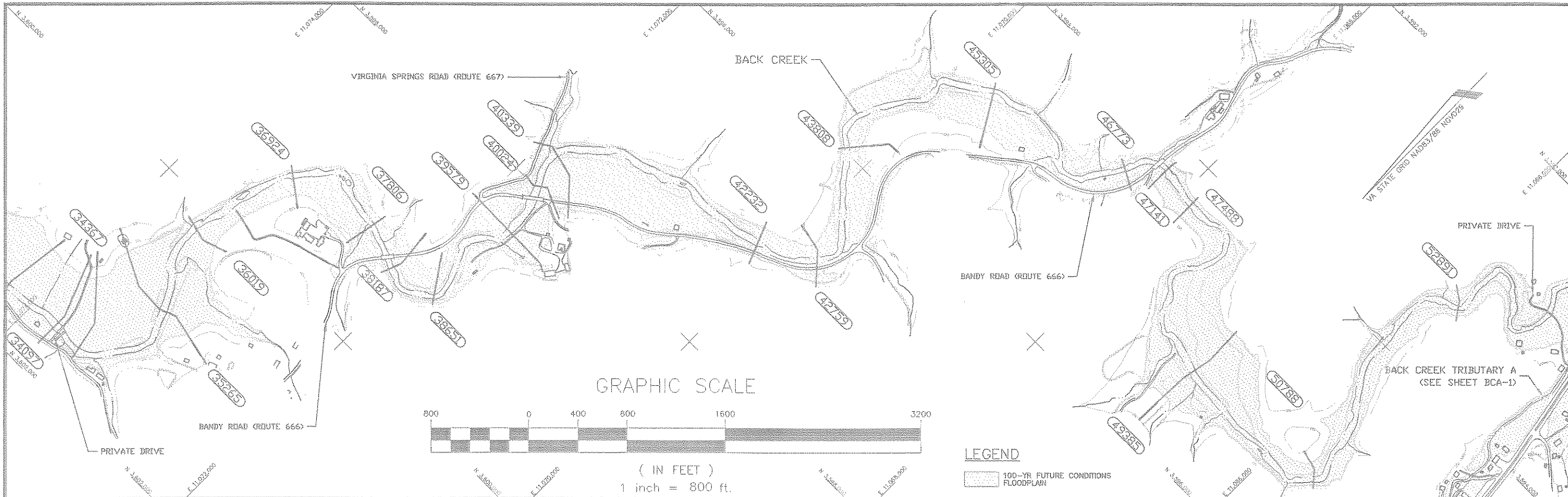
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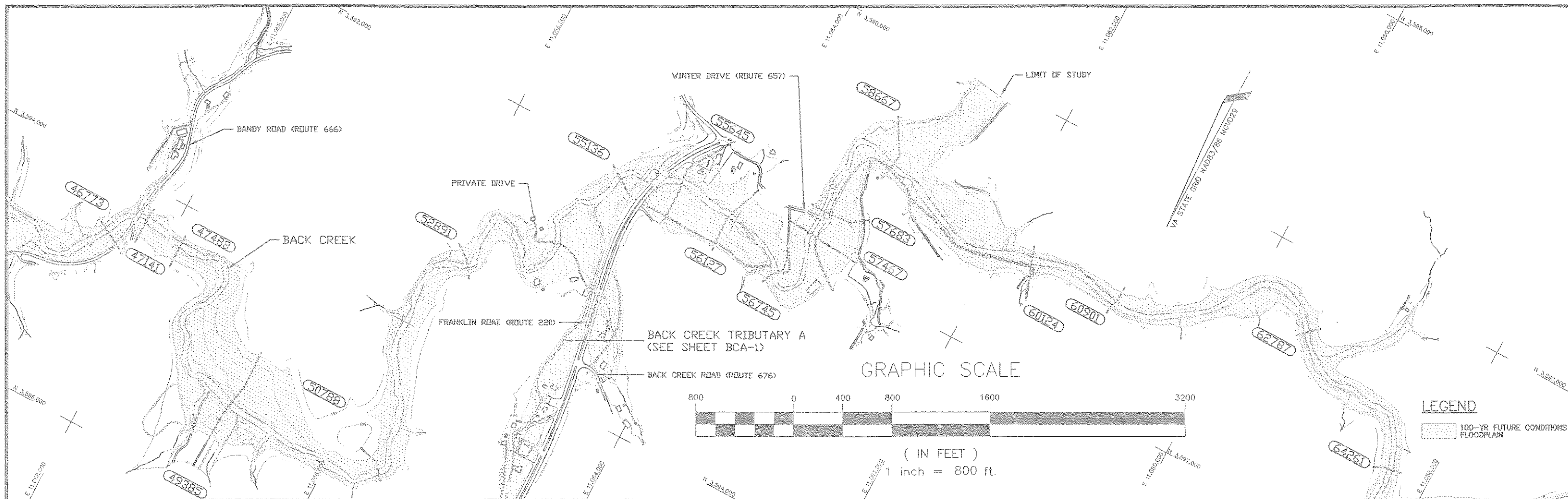
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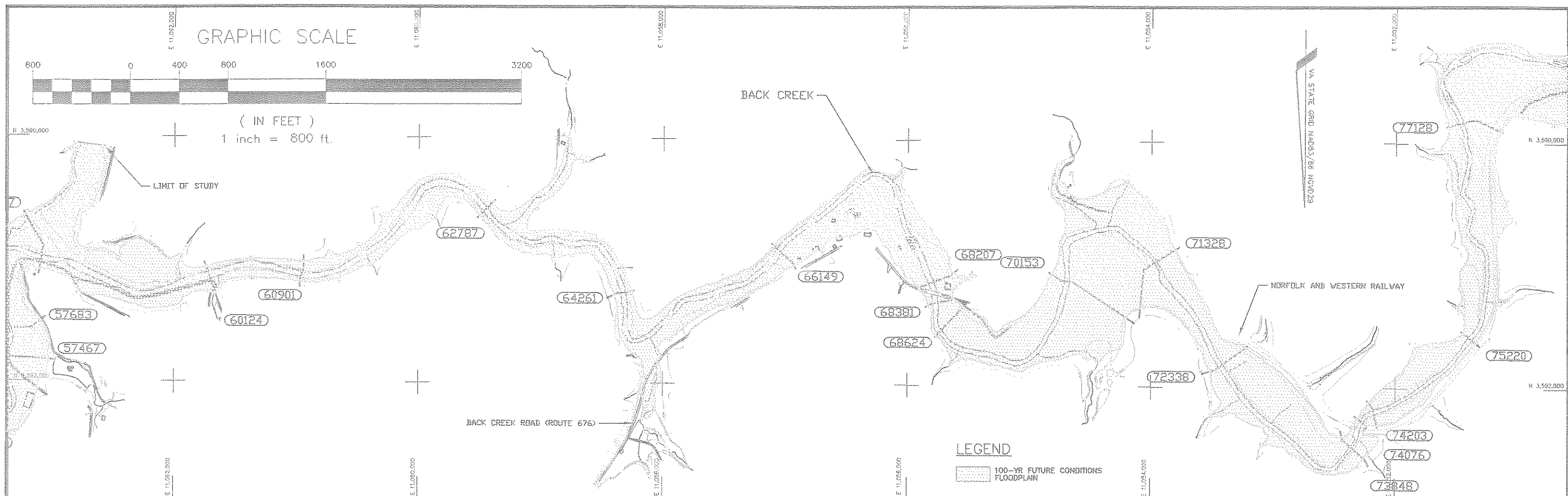
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GRAPHIC SCALE

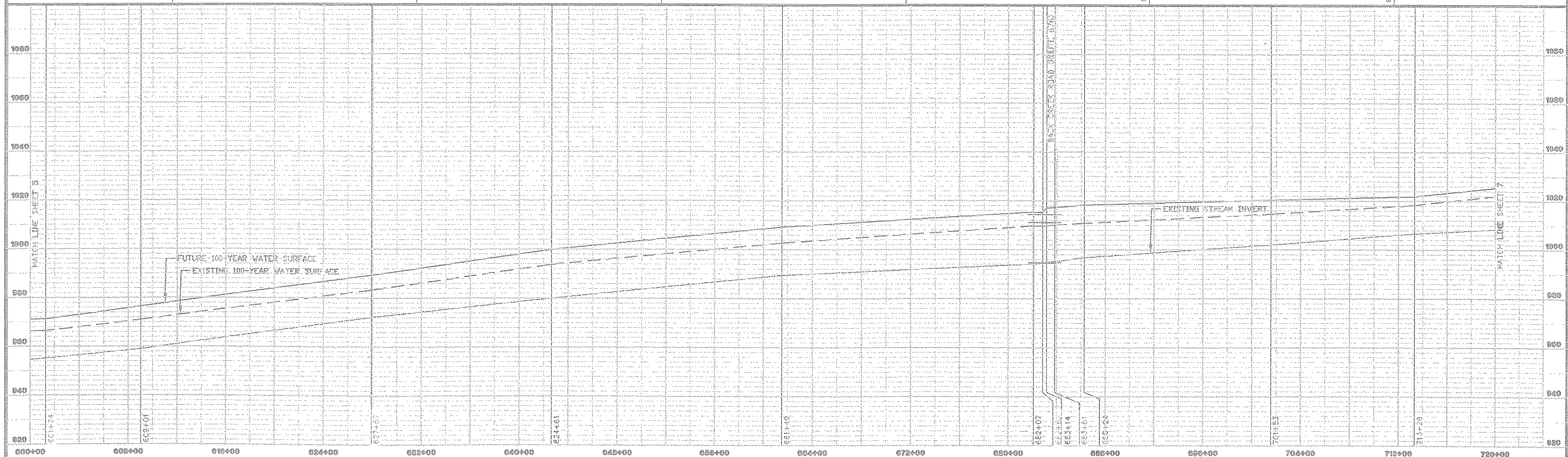


(IN FEET)
1 inch = 800 ft.



LEGEND

100-YR FUTURE CONDITIONS FLOODPLAIN



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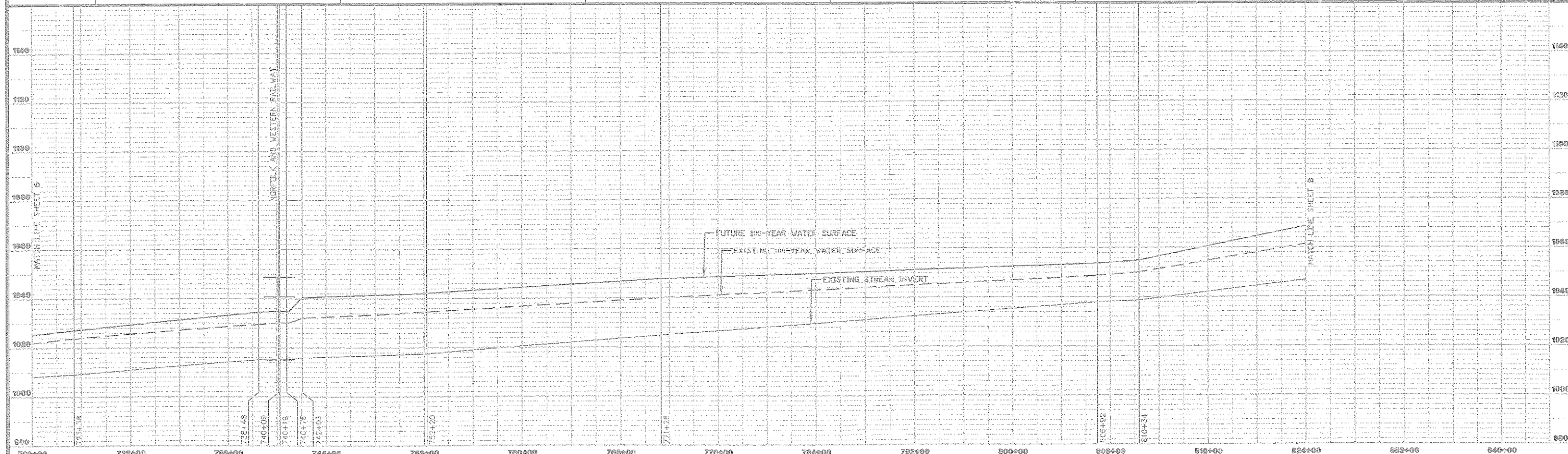
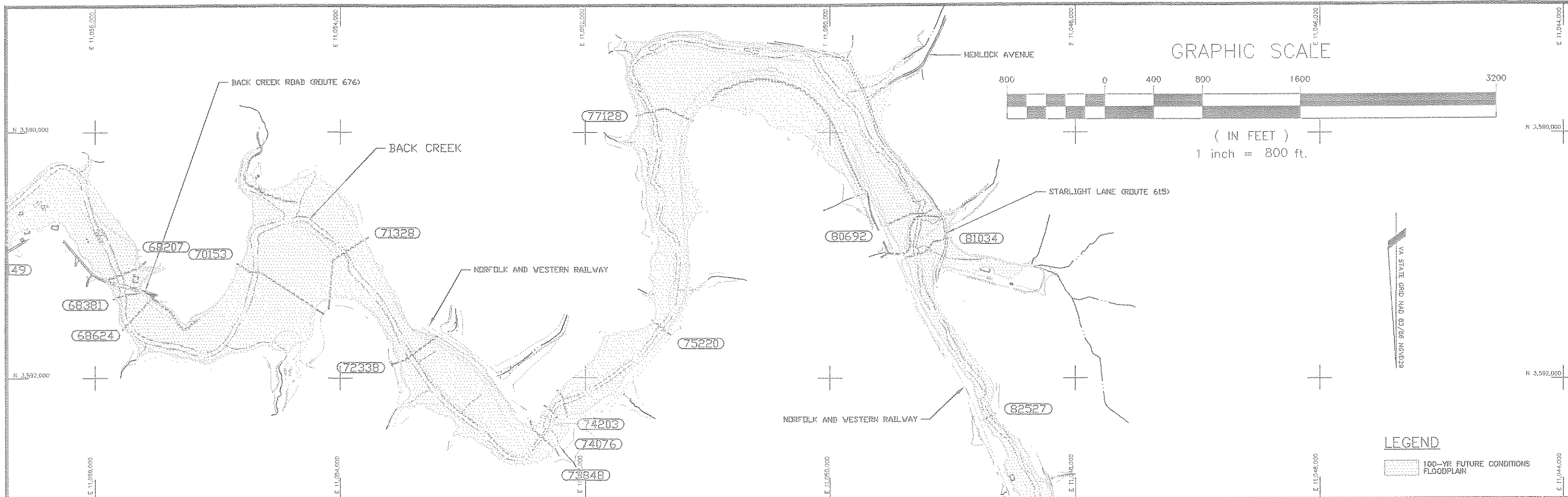
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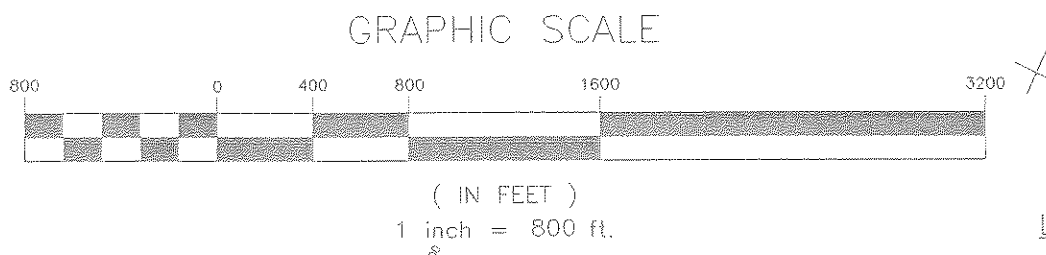
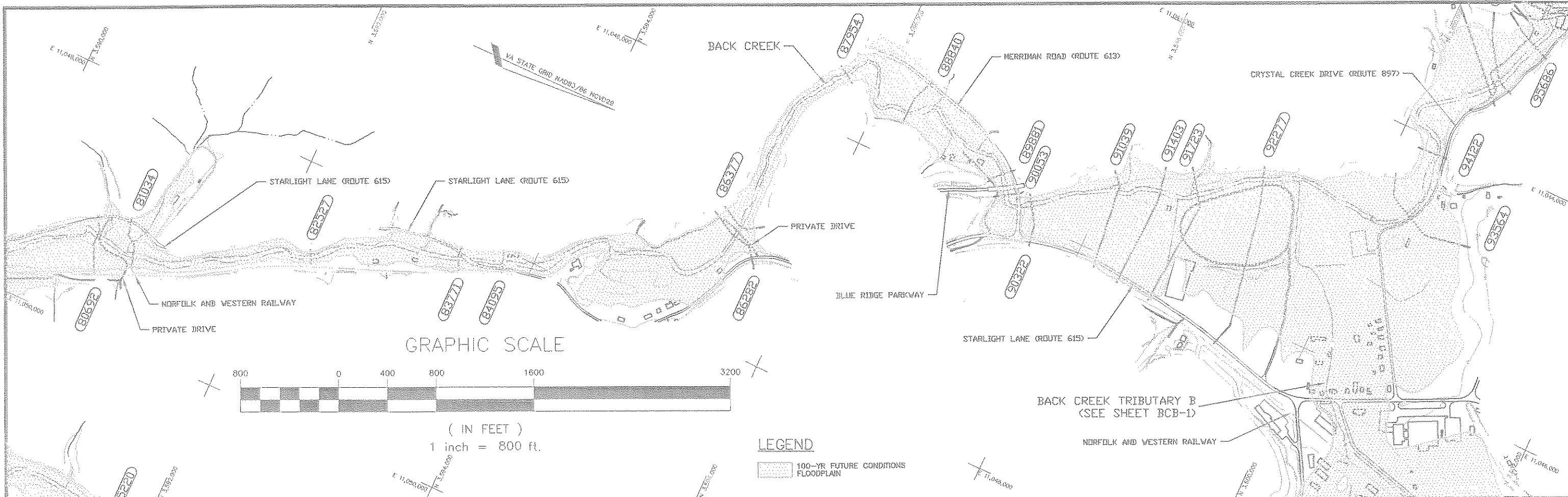
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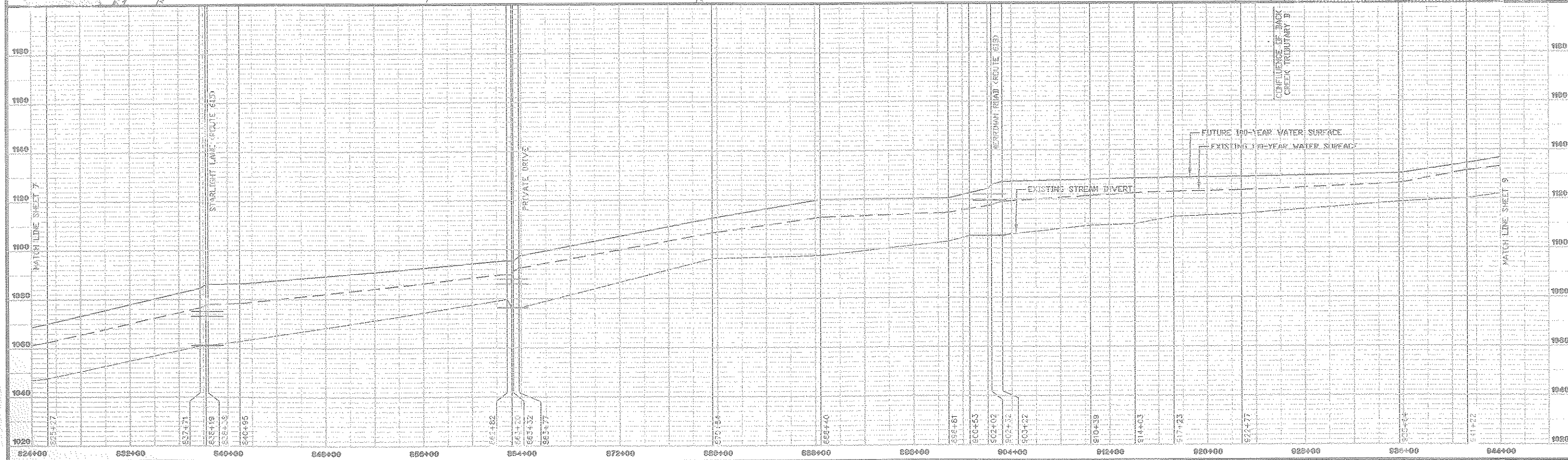
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Sheet: **7** of 12
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LEGEND
 [Stippled Area] 100-YR FUTURE CONDITIONS FLOODPLAIN



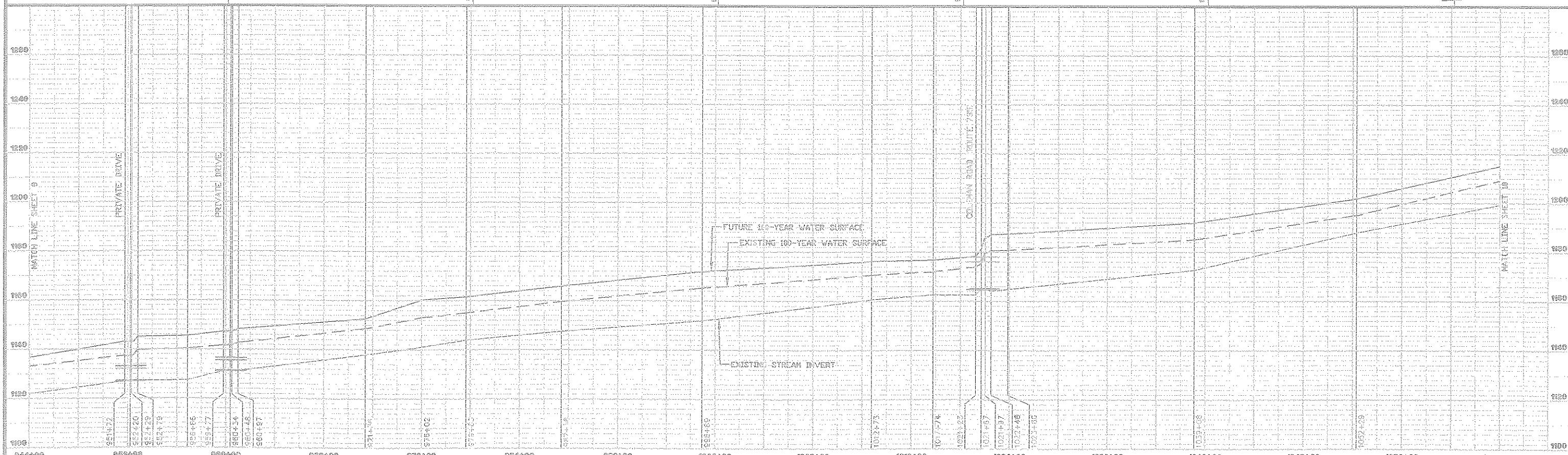
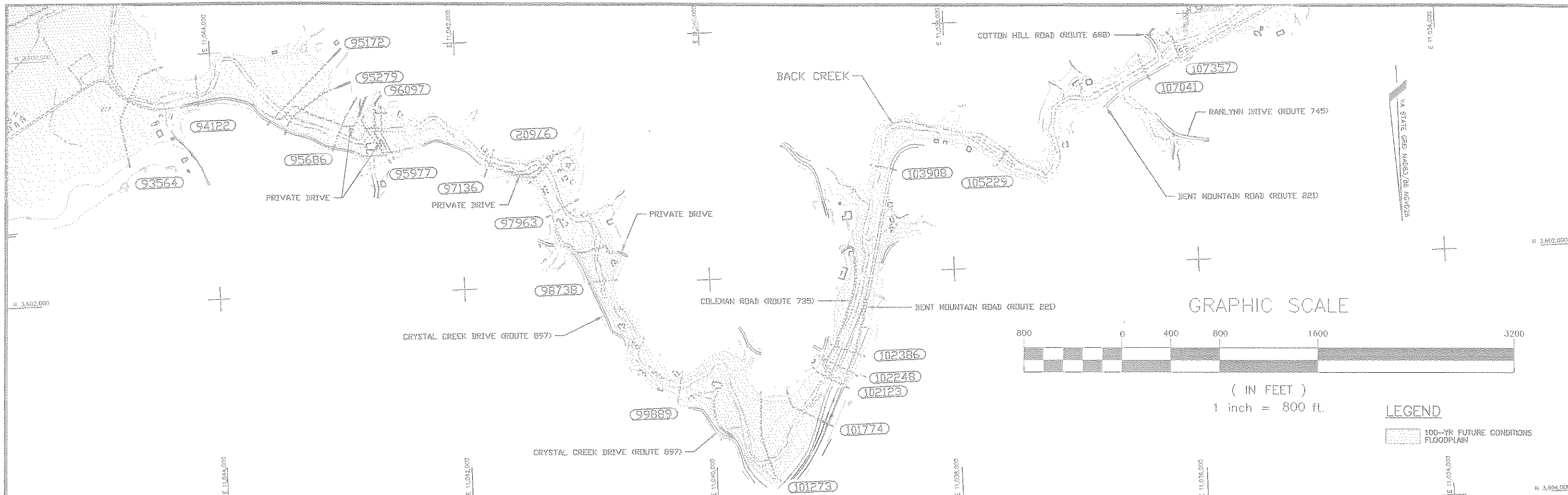
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Sheet: **8** of 12
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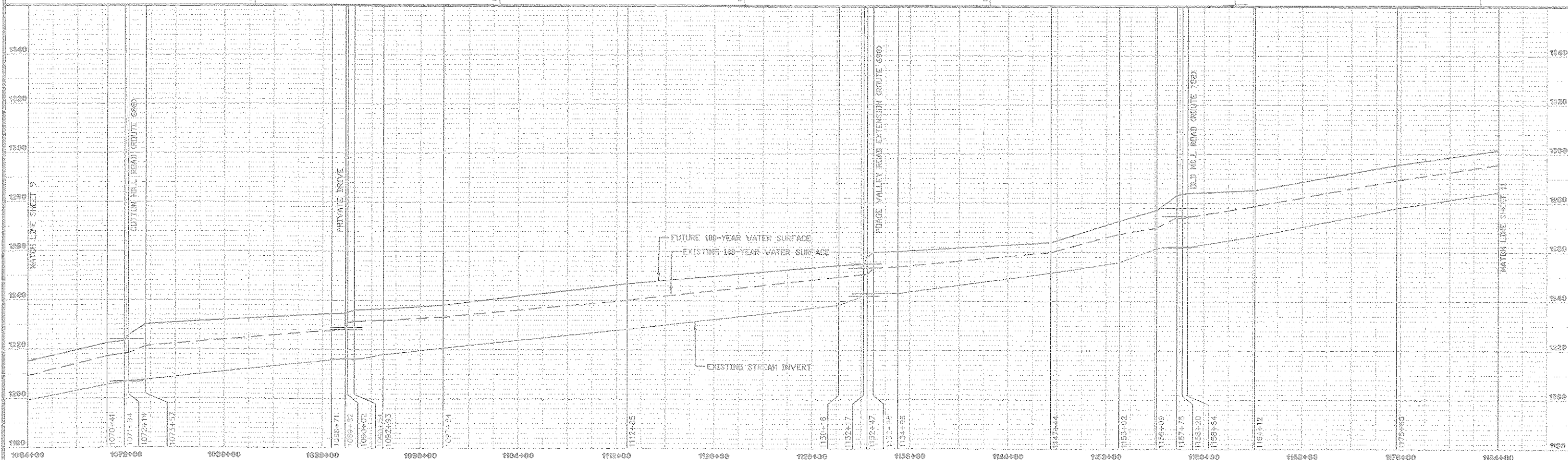
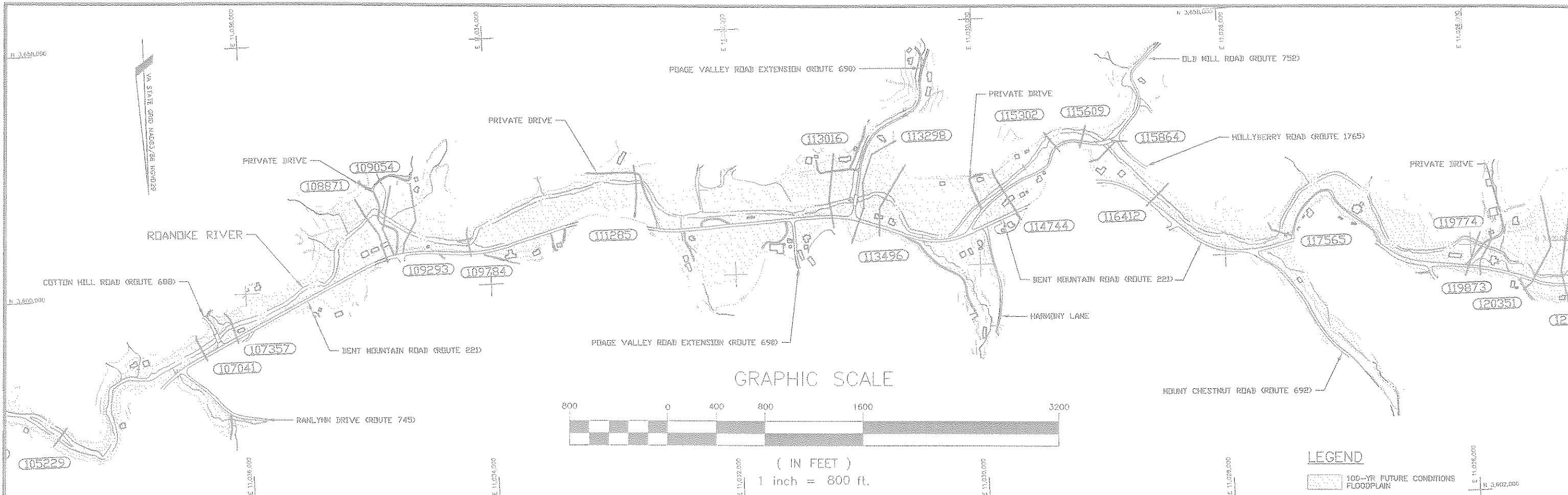
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Sheet: 9 of 12
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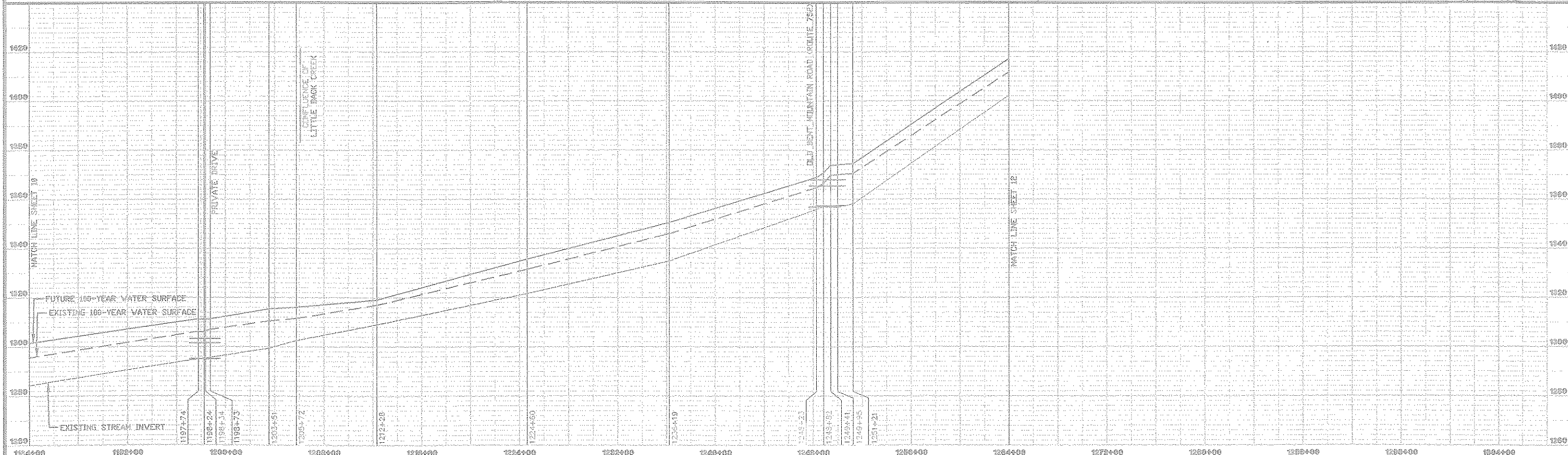
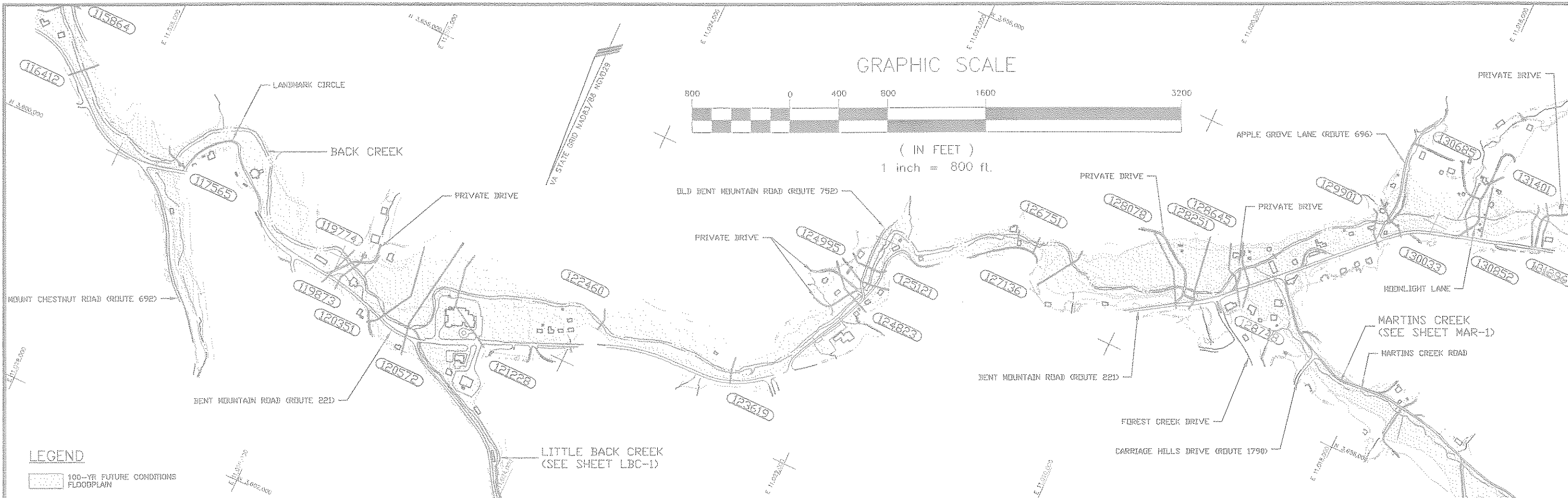
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Sheet: **10** of 12
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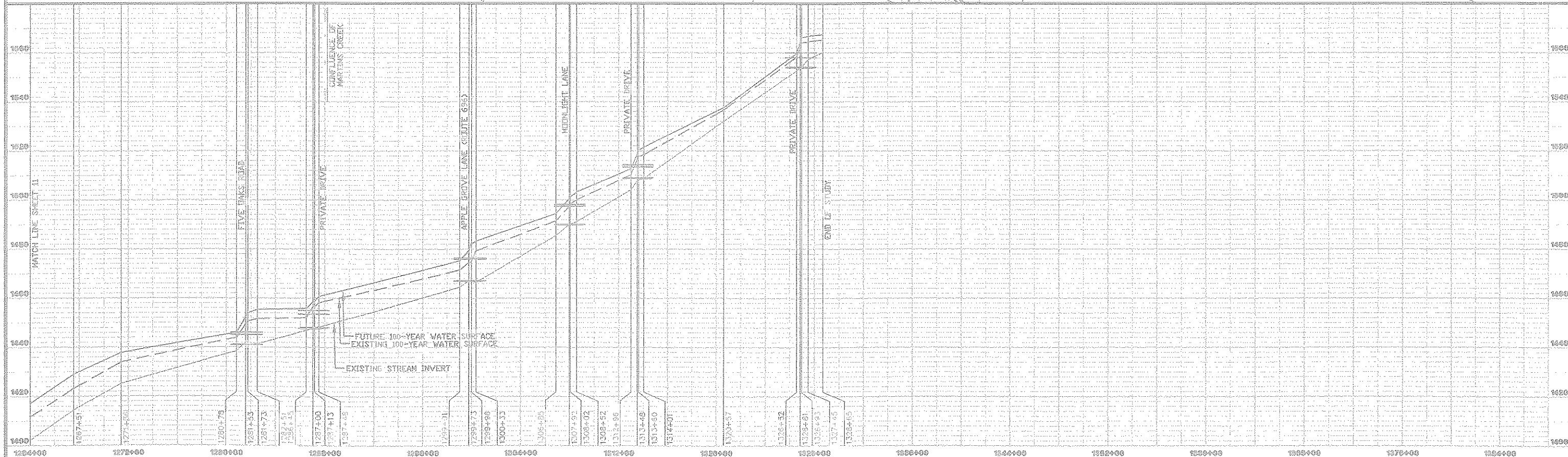
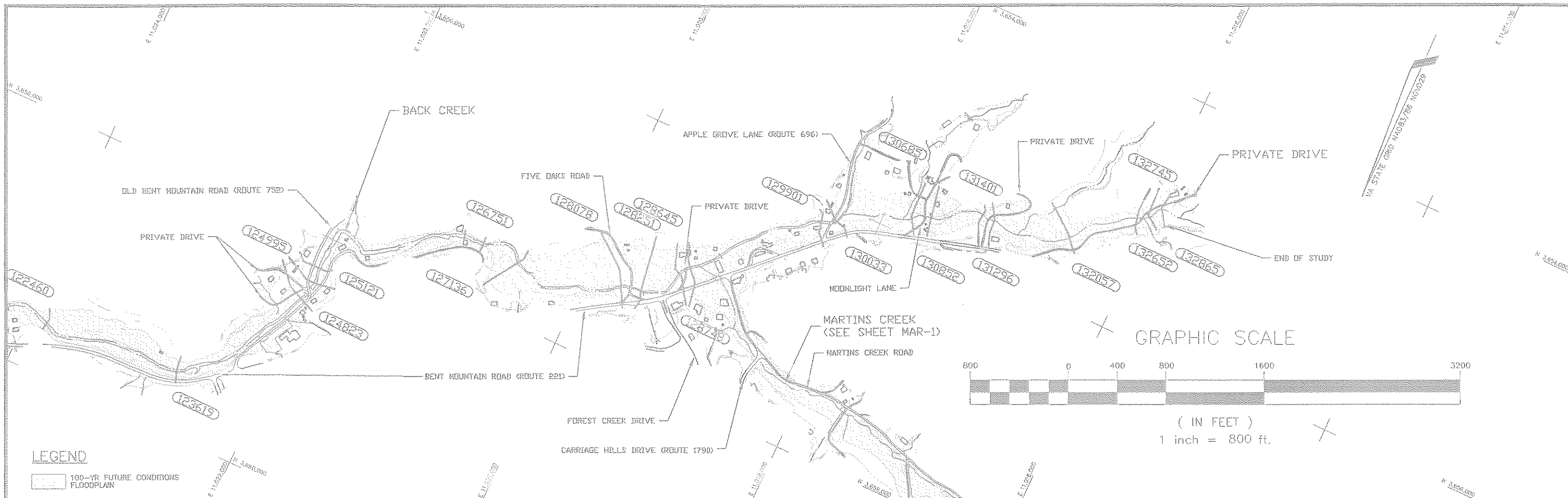
BACK CREEK
BACK CREEK WATERSHED

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Sheet: **11** of 12
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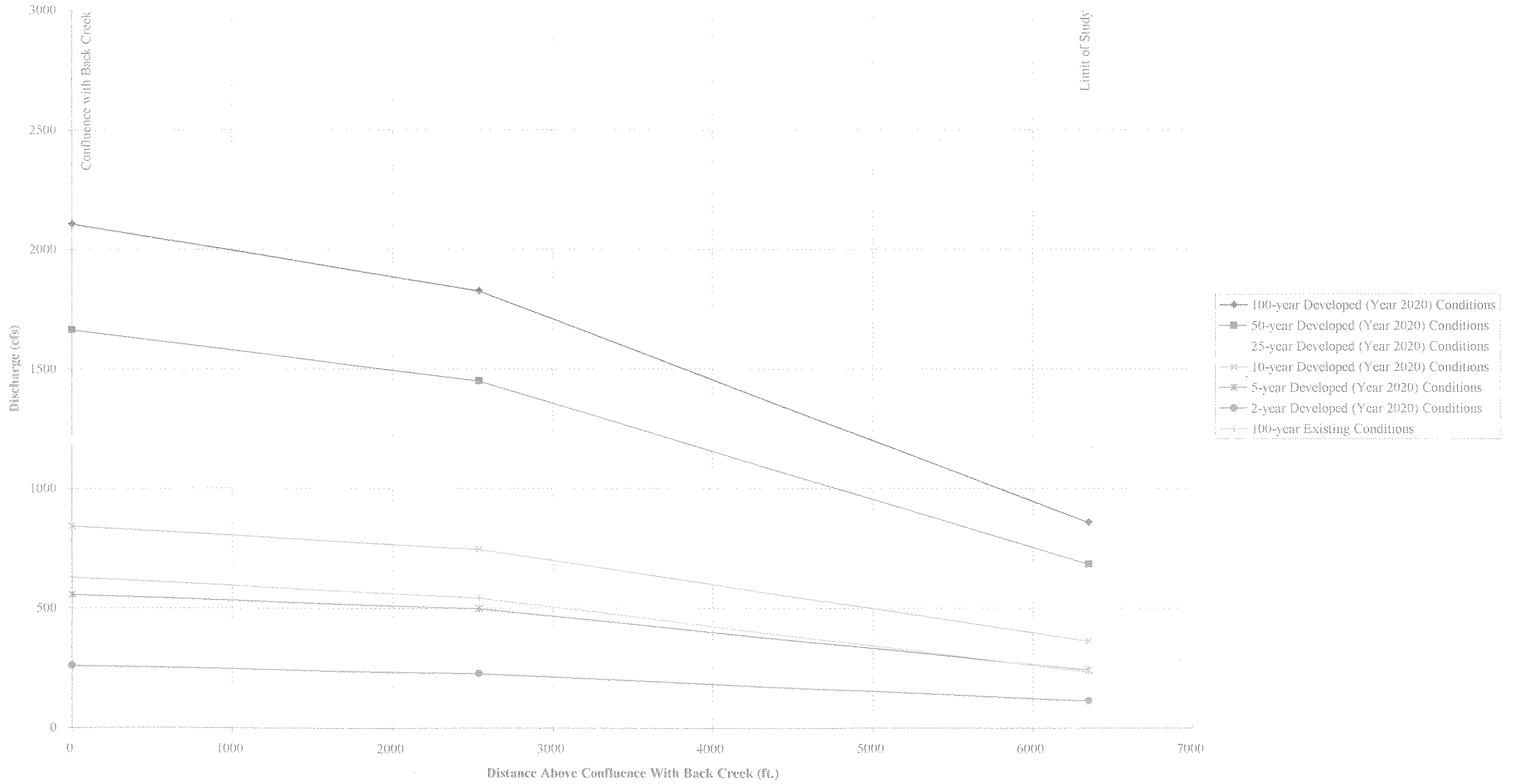
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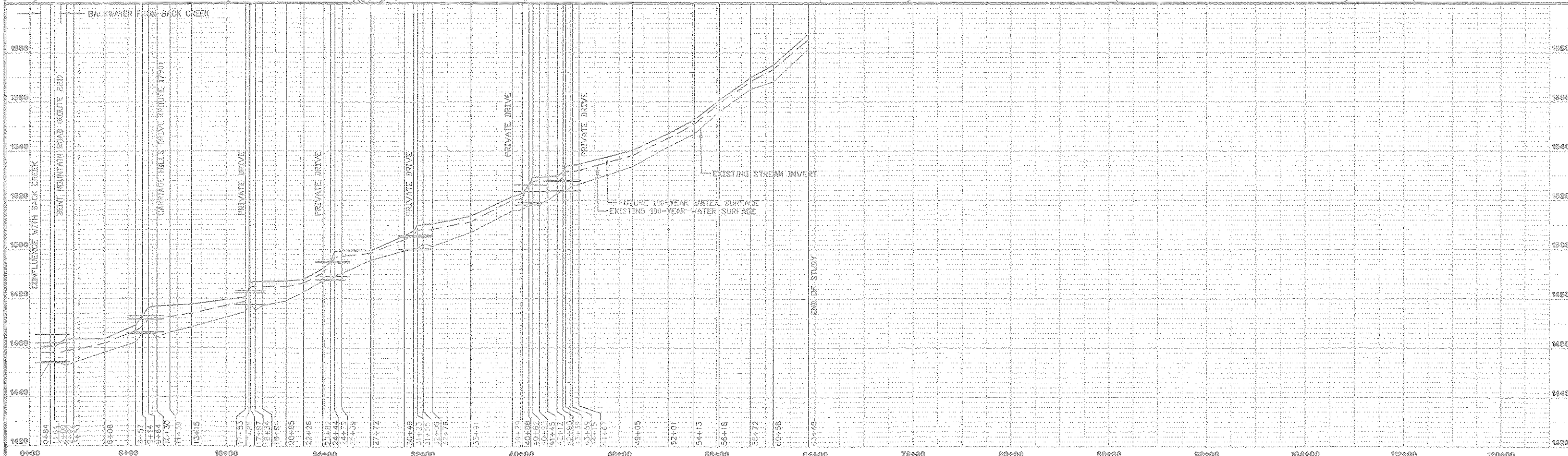
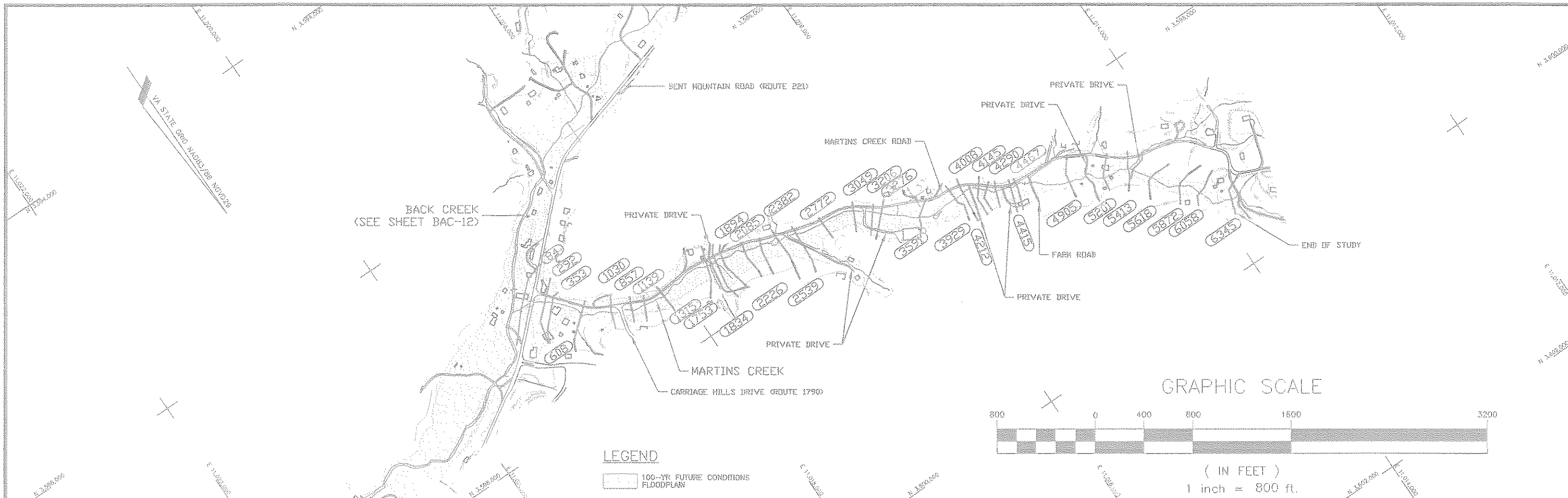
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Sheet: **12** of **12**
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Martius Creek





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MARTINS CREEK
BACK CREEK WATERSHED

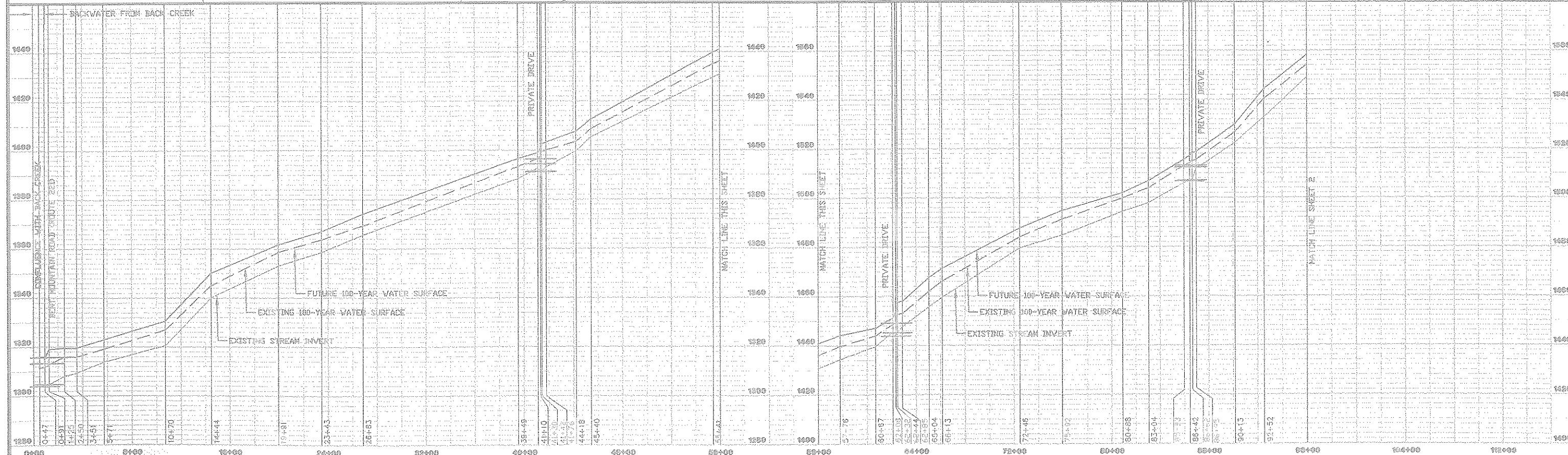
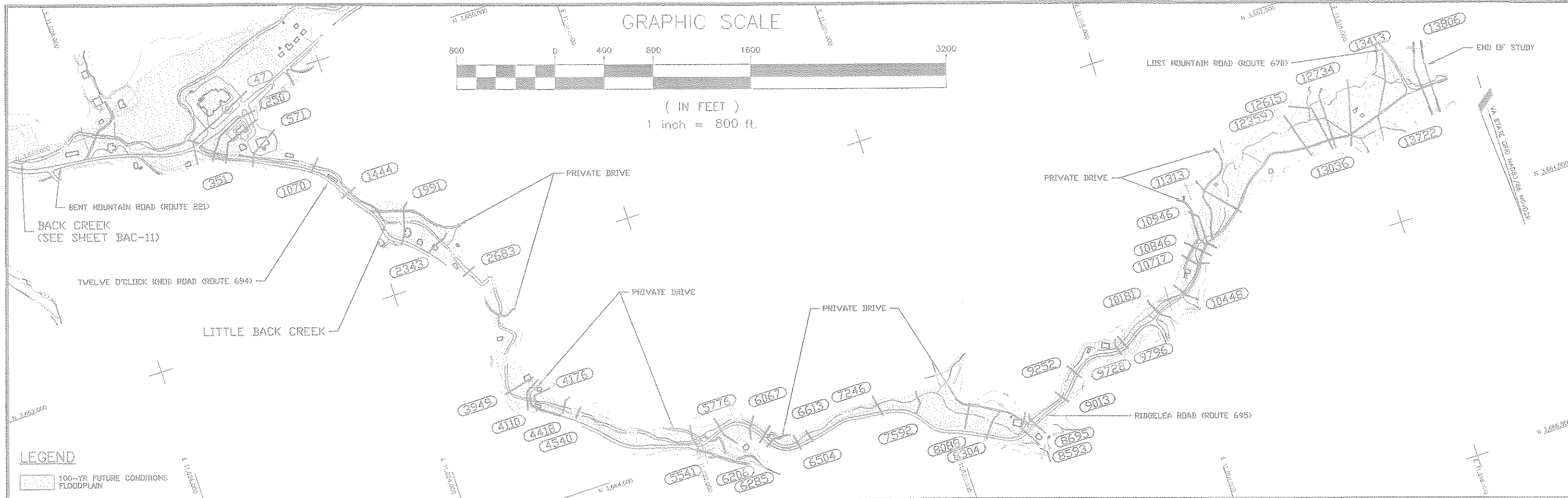
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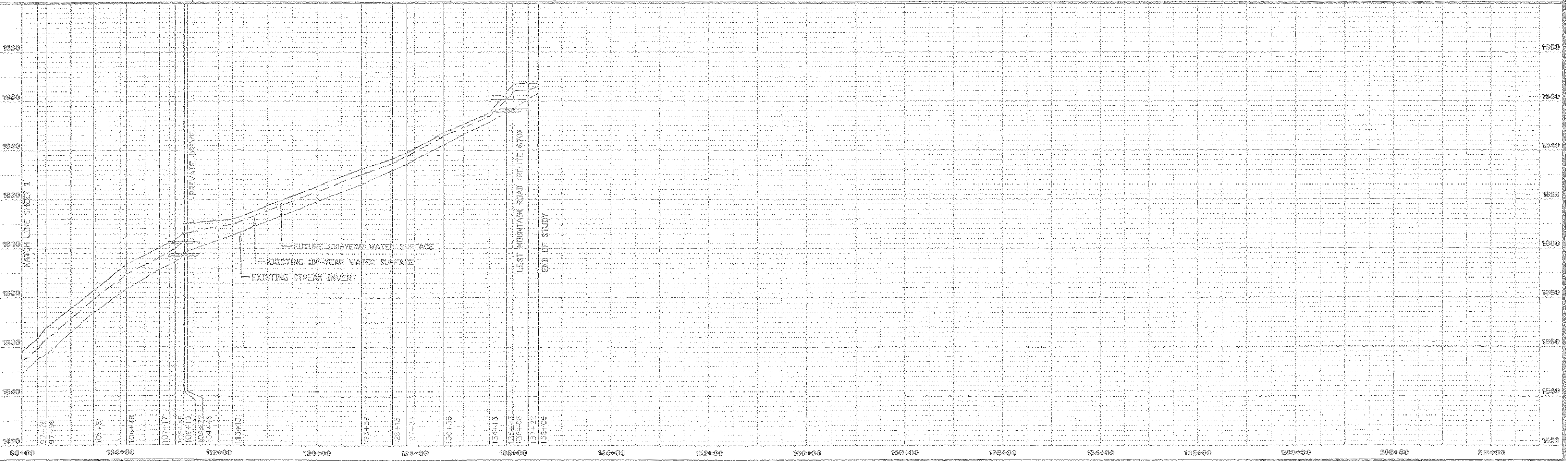
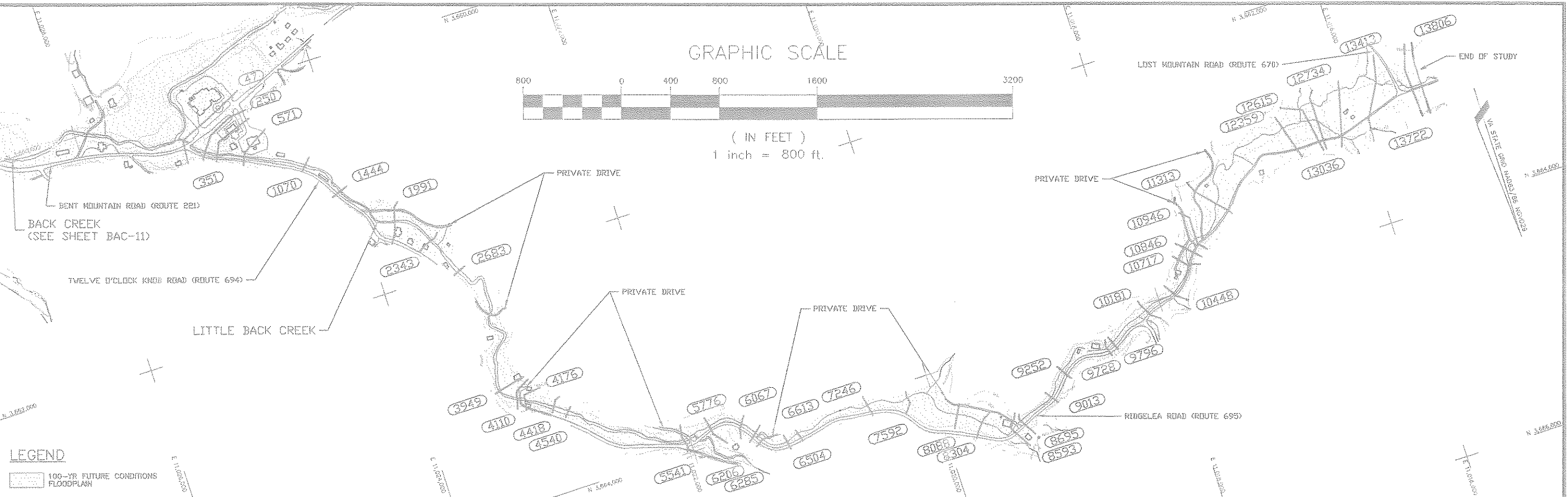
LITTLE BACK CREEK
BACK CREEK WATERSHED

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Sheet: **1** of 2
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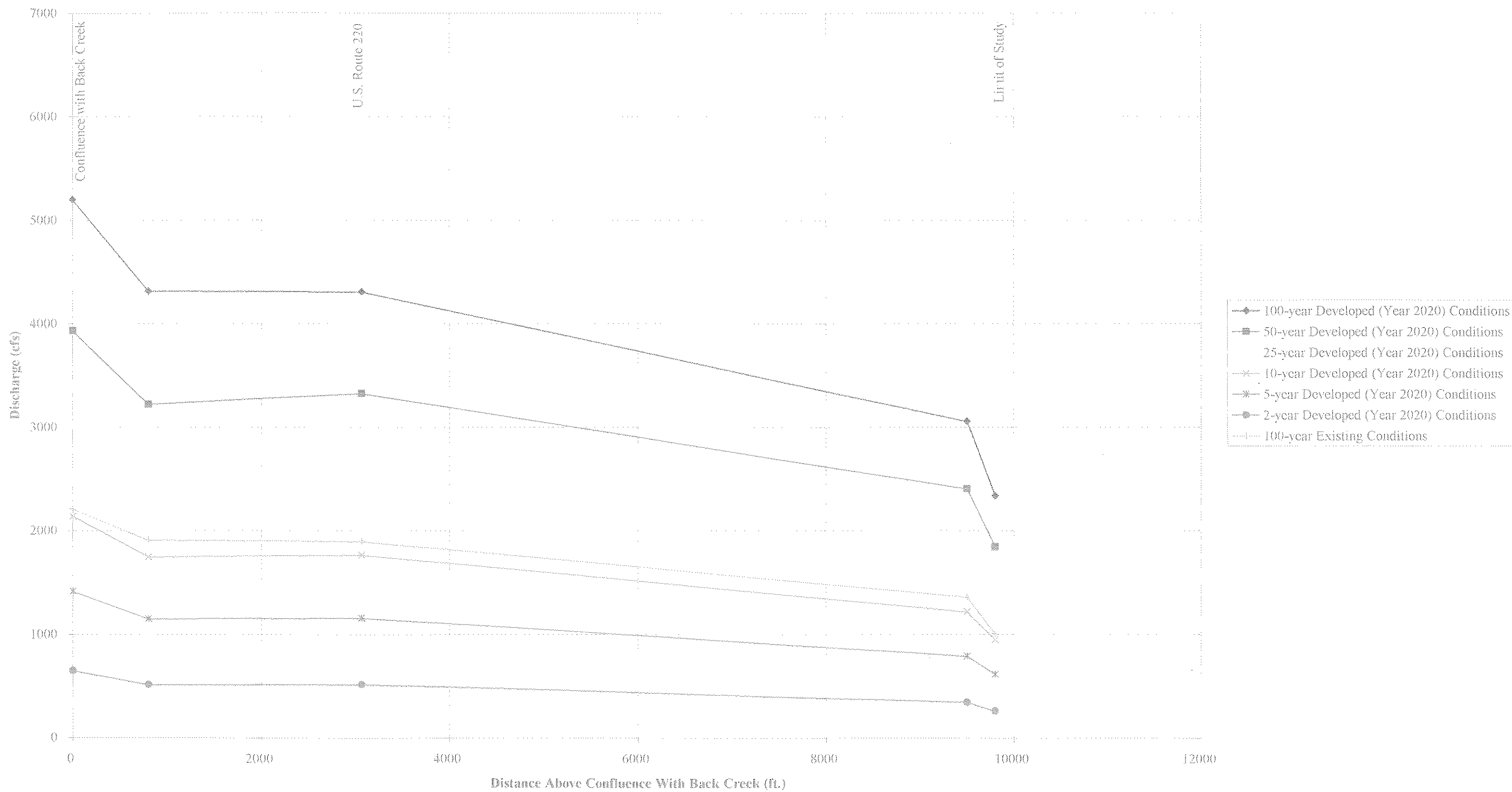
LITTLE BACK CREEK
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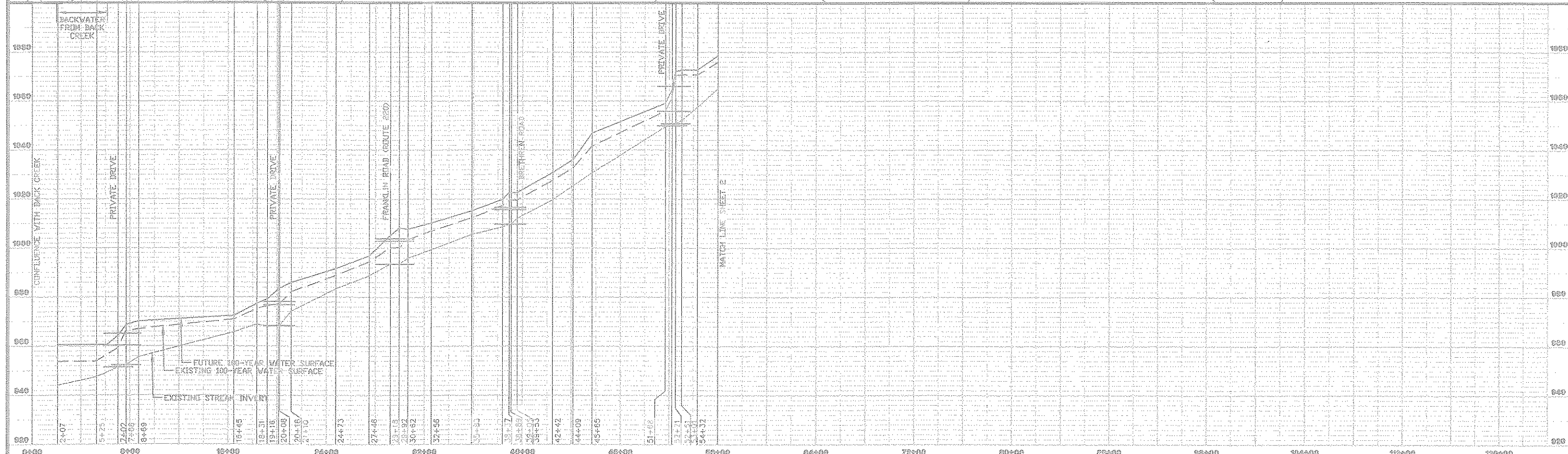
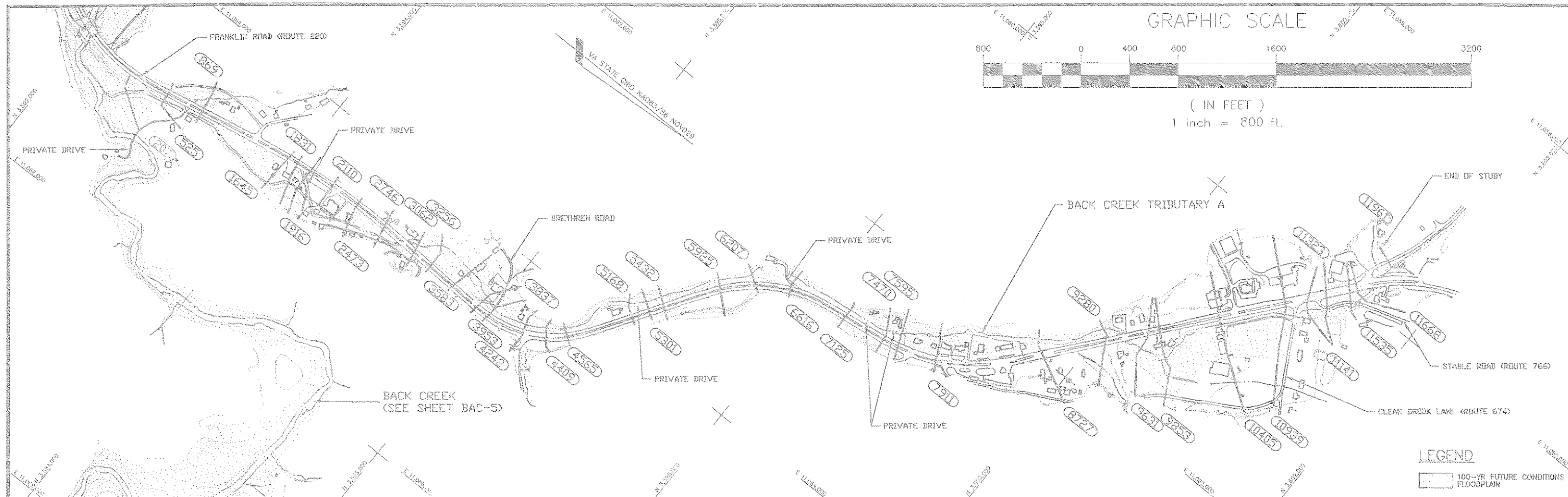
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Back Creek Tributary A





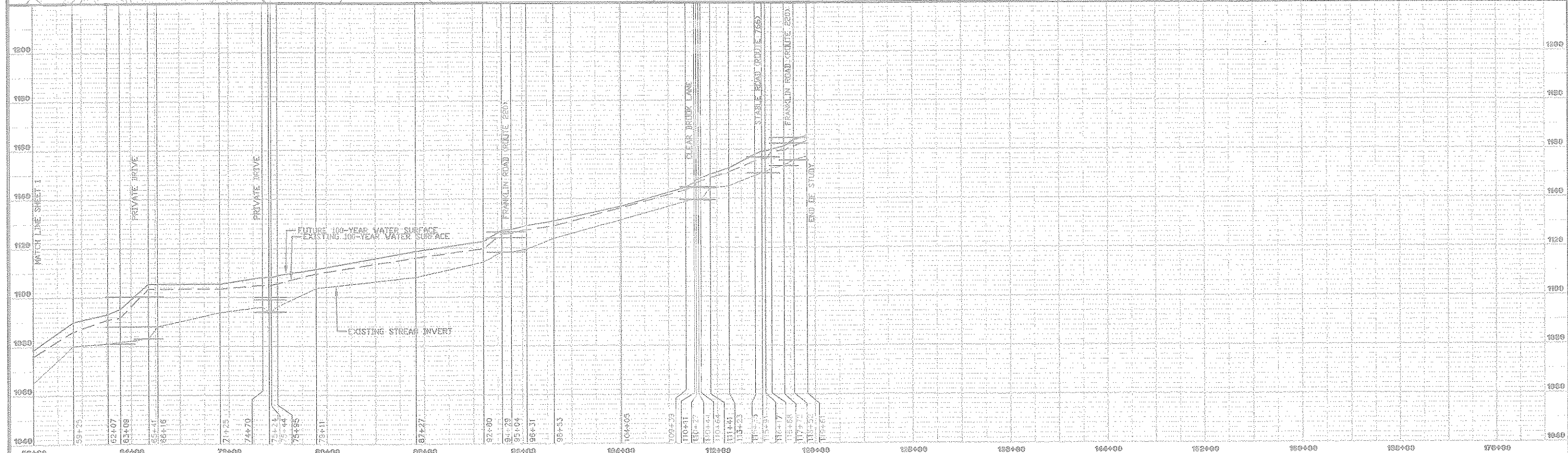
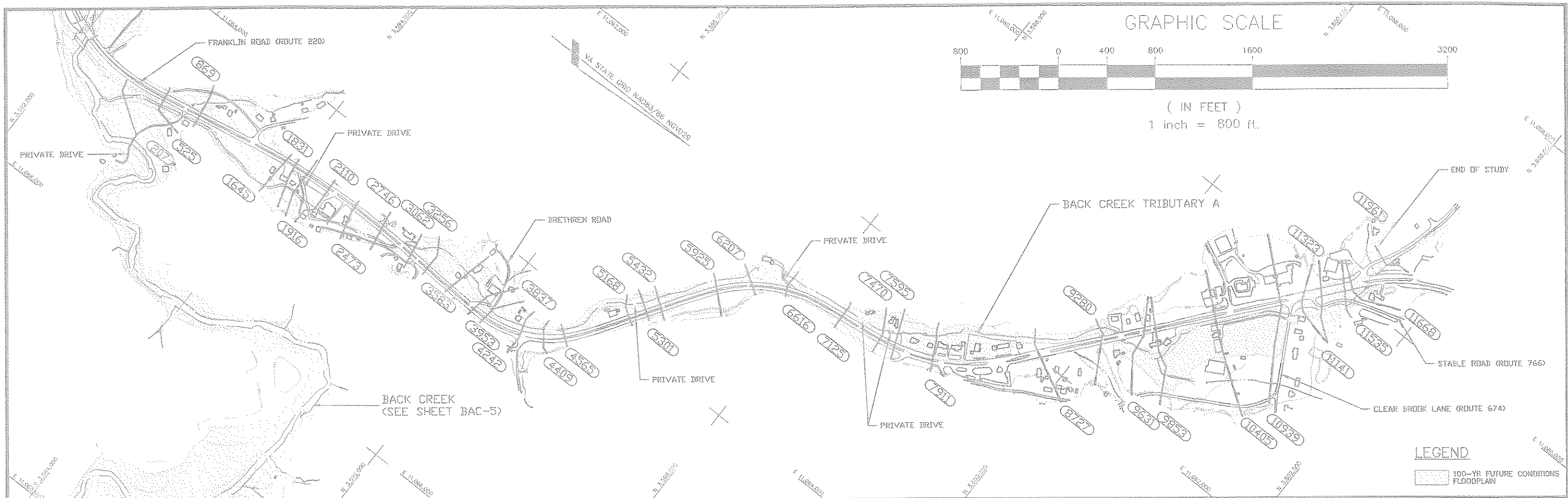
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BACK CREEK TRIBUTARY A
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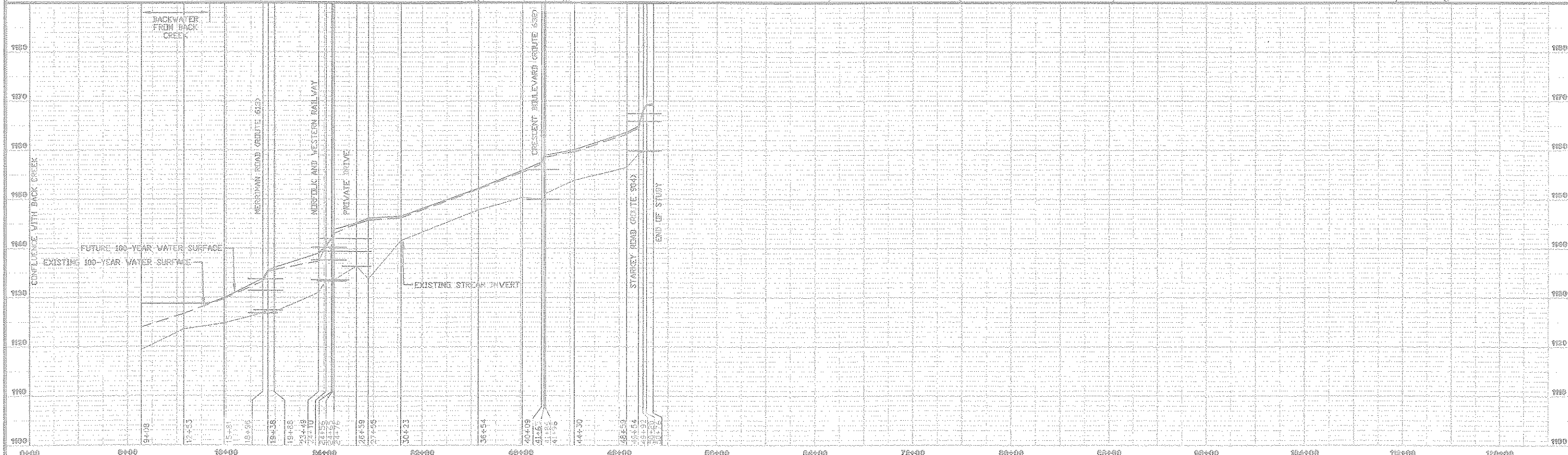
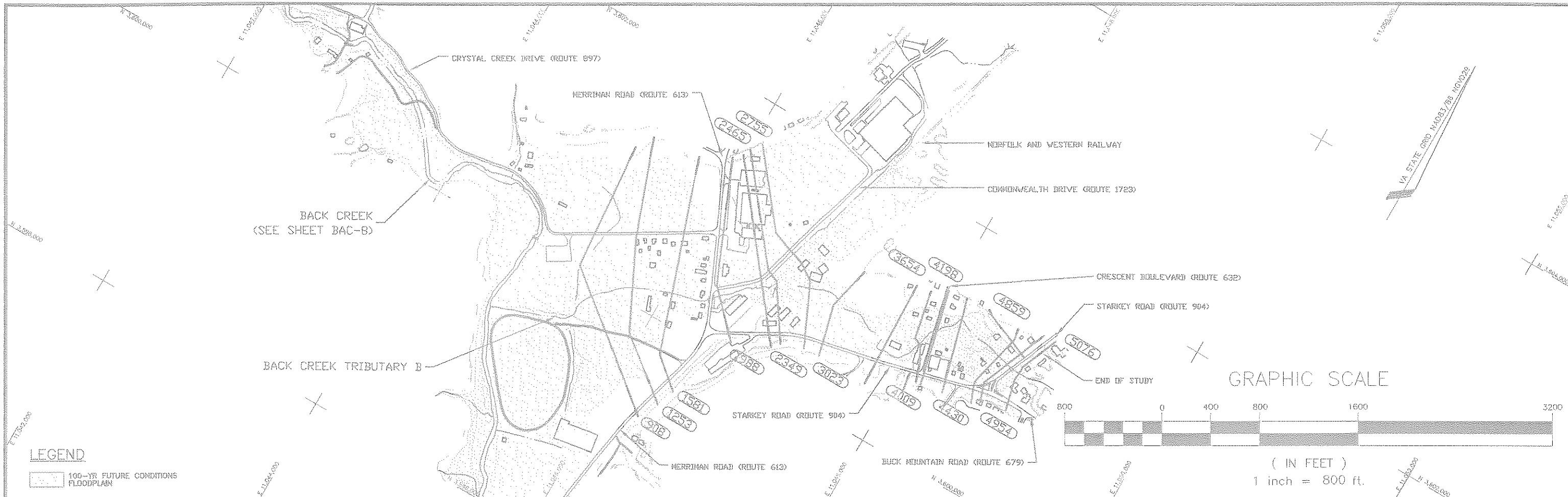
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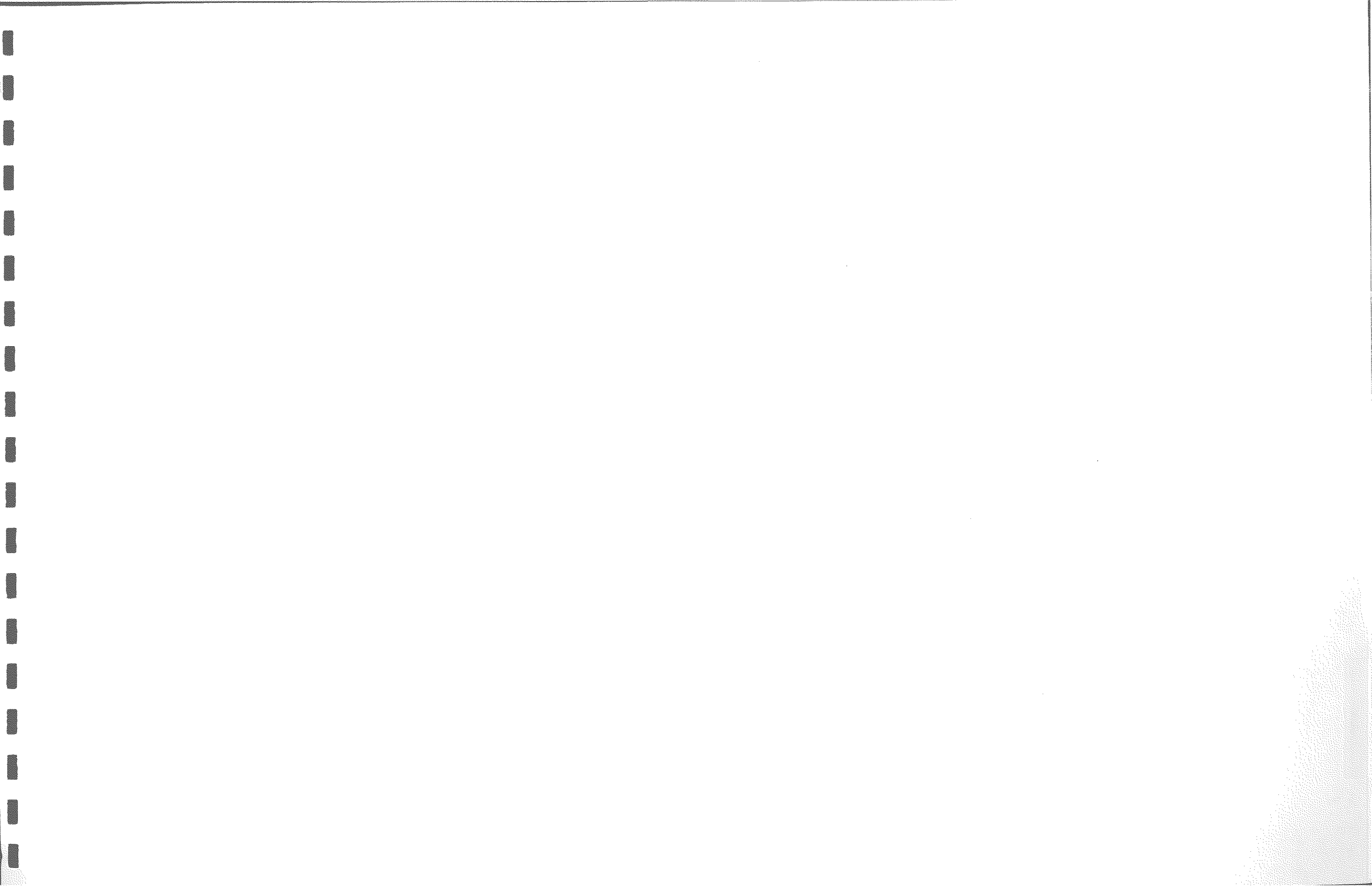
BACK CREEK TRIBUTARY B
BACK CREEK WATERSHED

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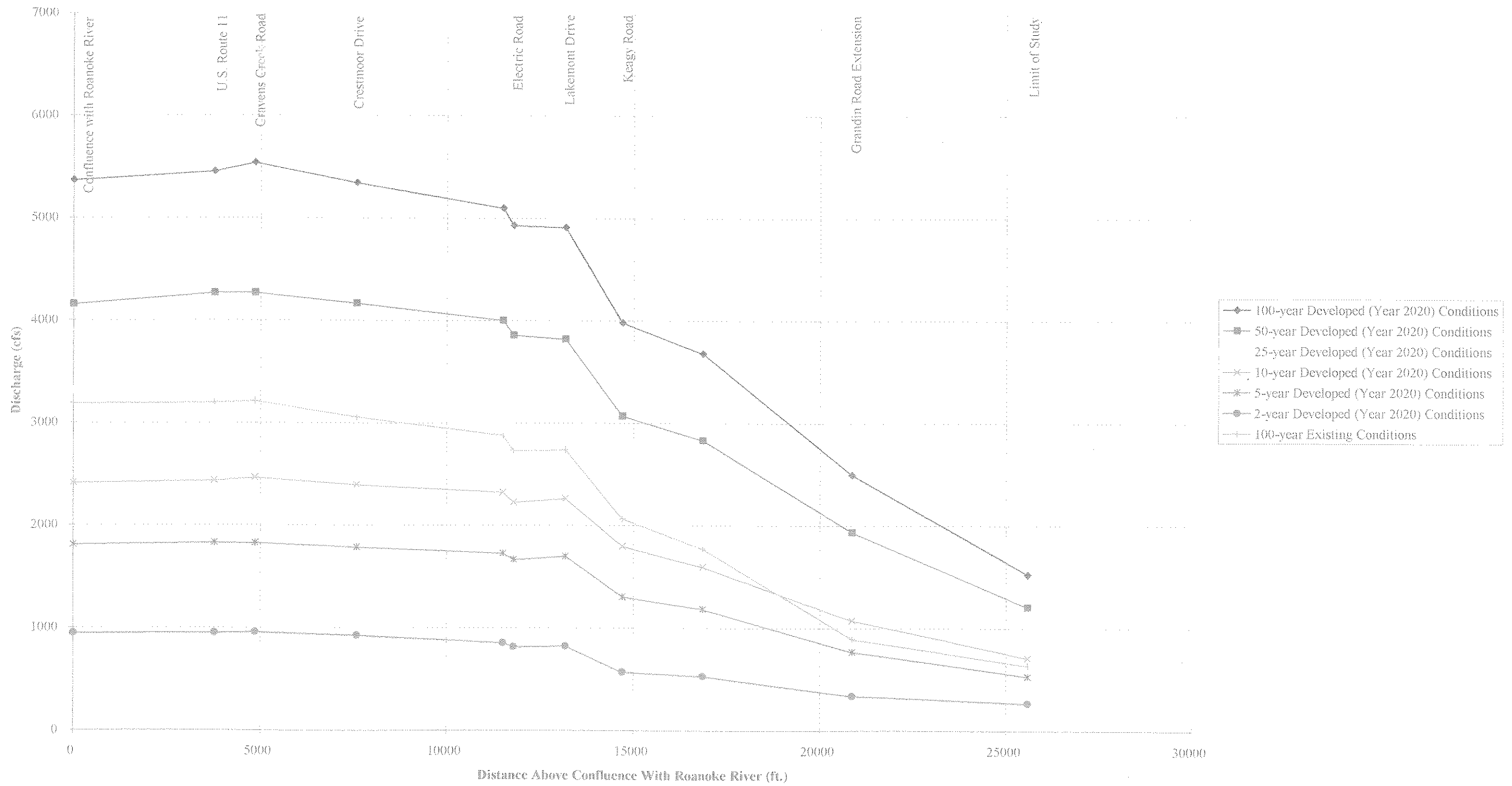
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STORMWATER MANAGEMENT PLAN

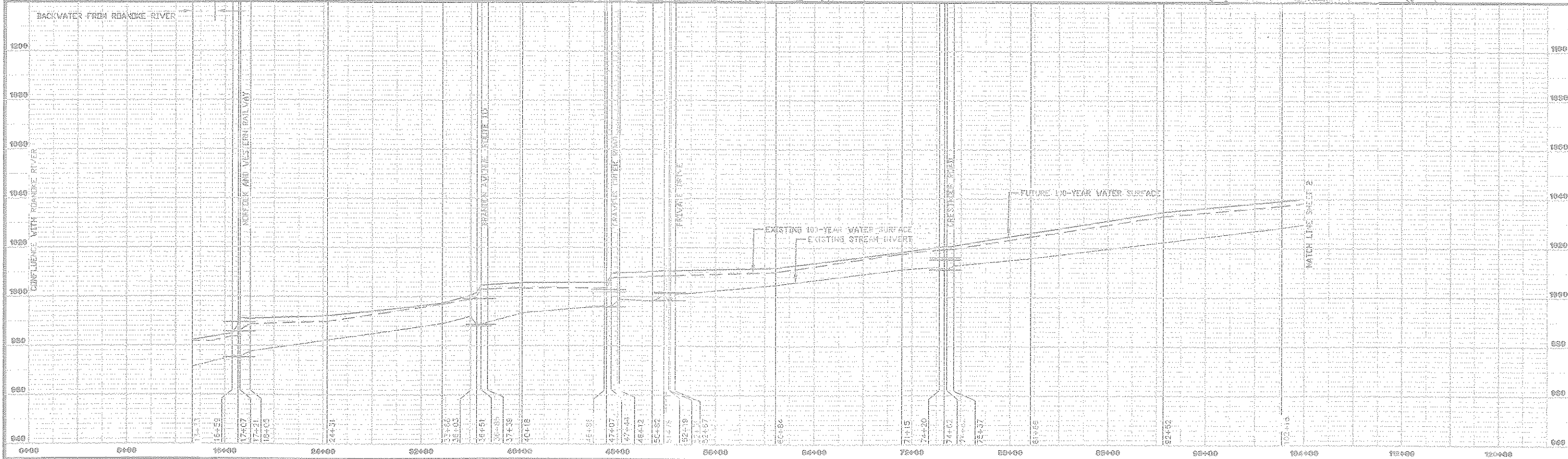
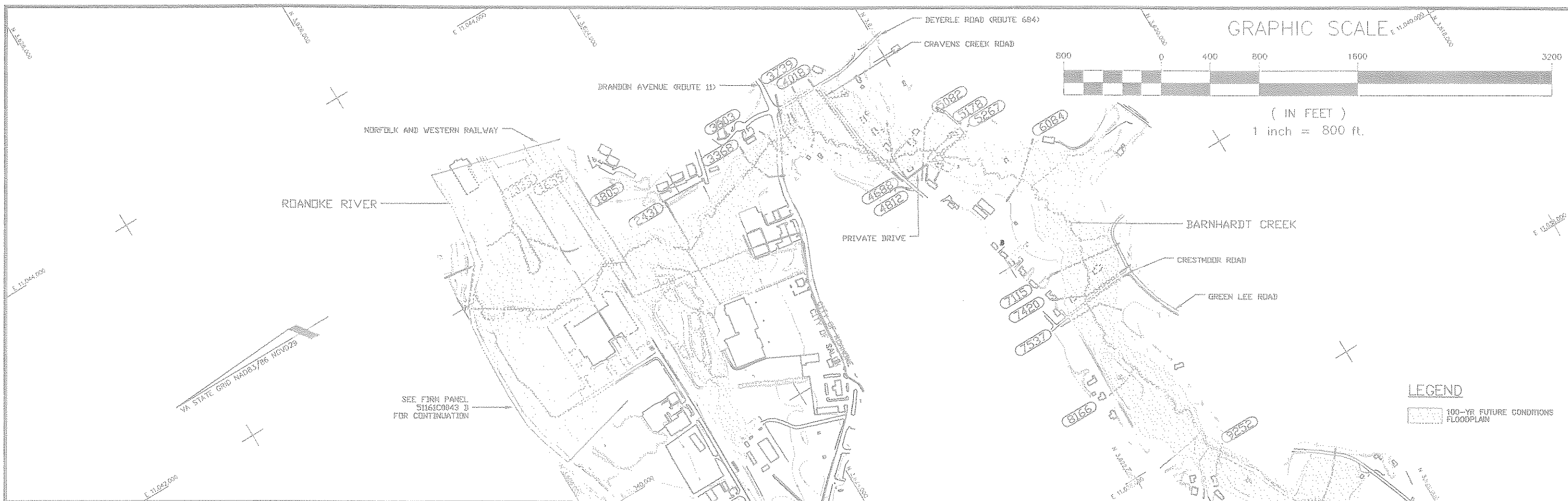
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Barnhardt Creek





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BARNHARDT CREEK
BARNHARDT CREEK WATERSHED

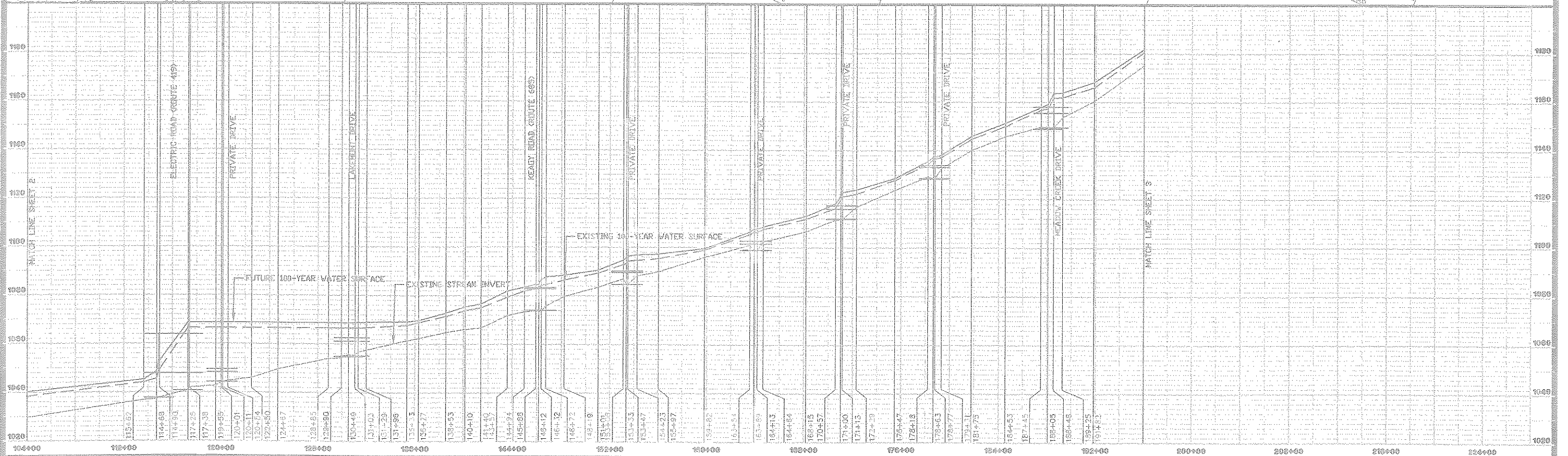
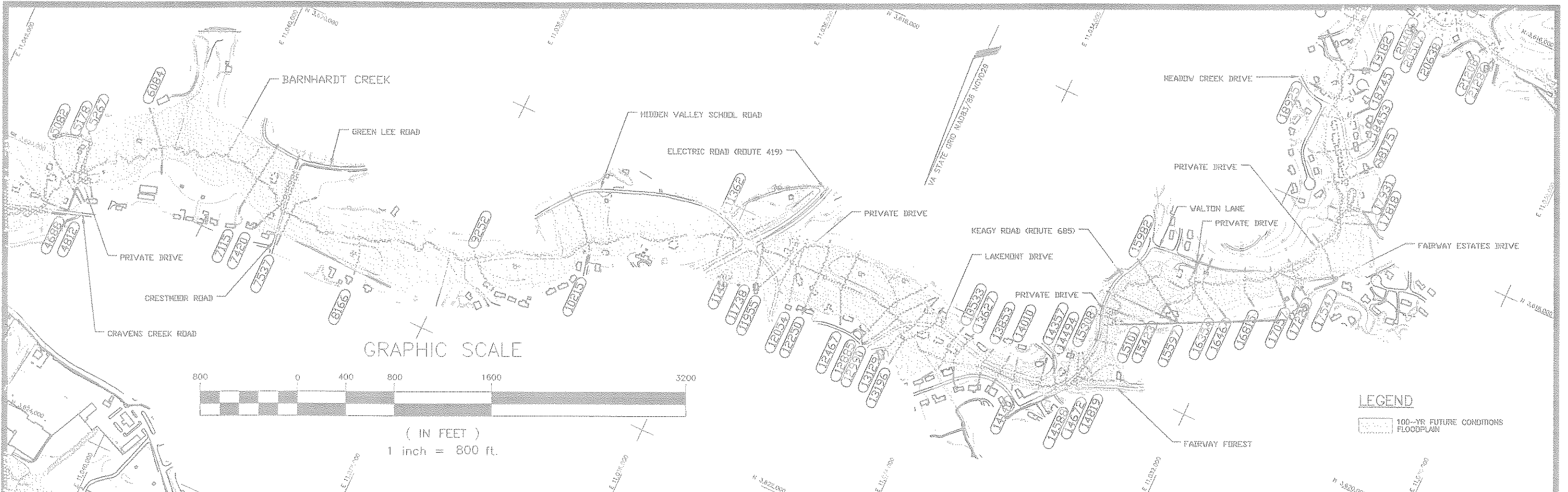
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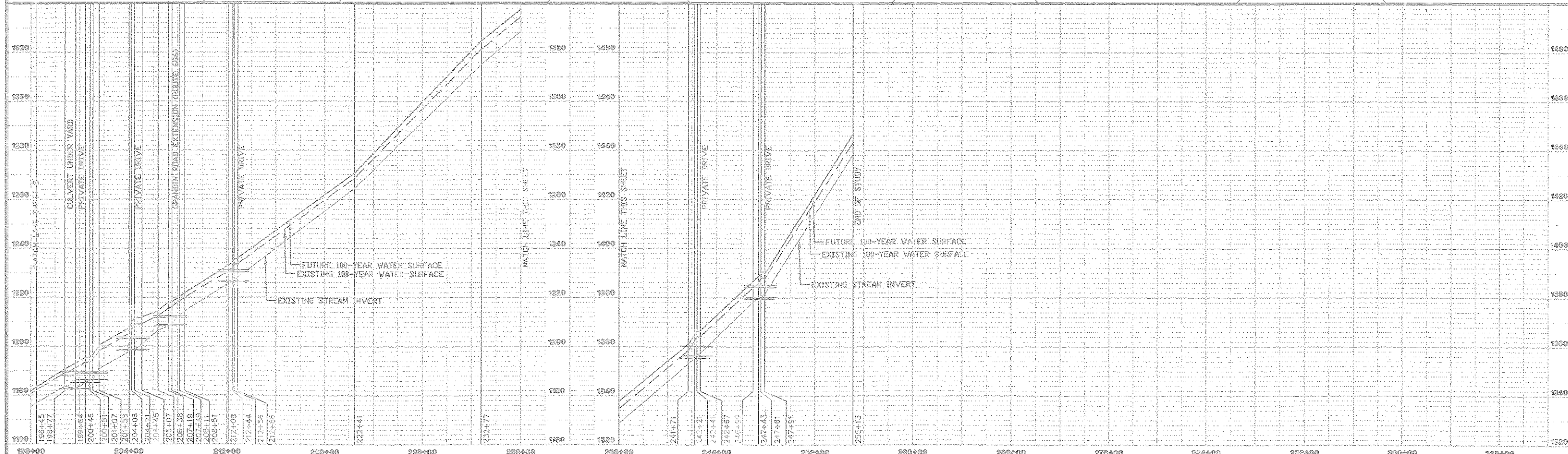
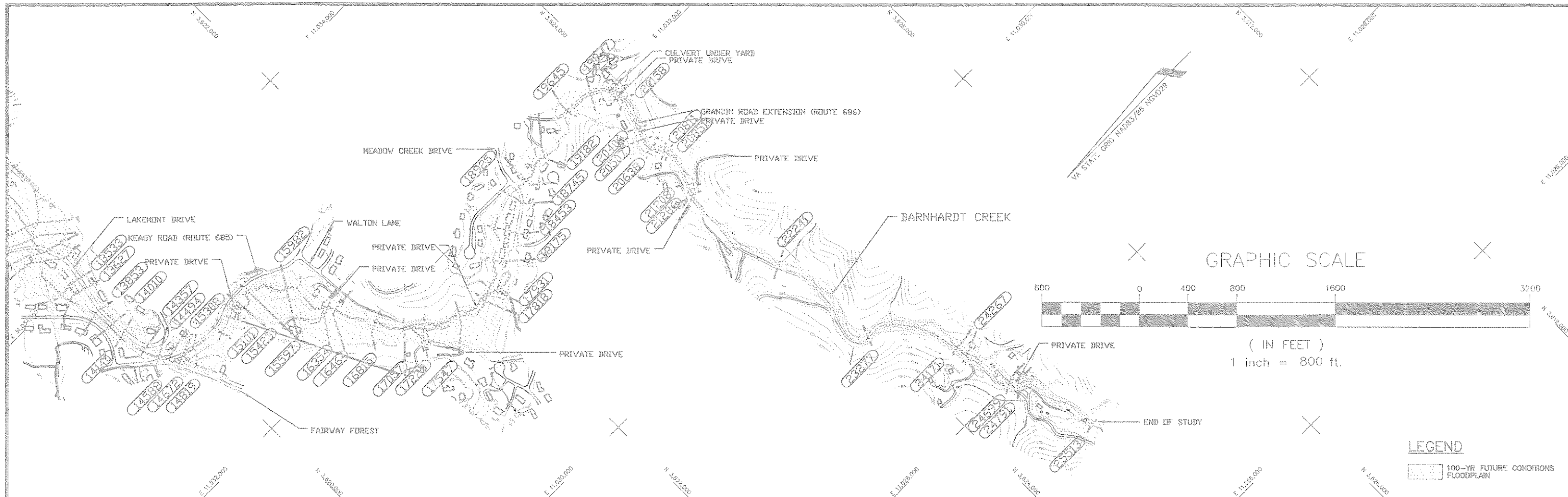
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BARNHARDT CREEK WATERSHED
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ROANOKE VALLEY REGIONAL STORMWATER MANAGEMENT PLAN

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Sheet: **2** of 3
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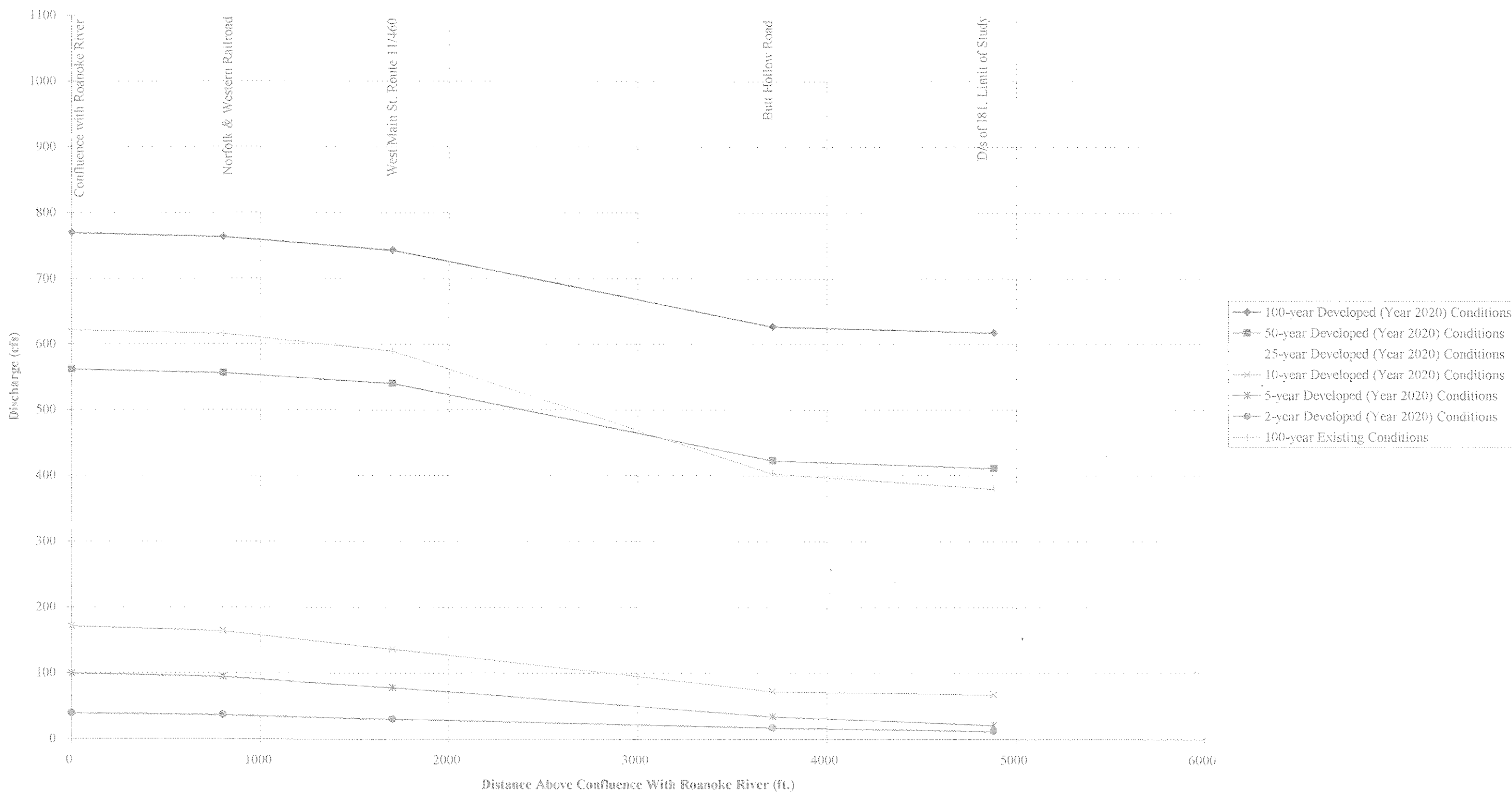
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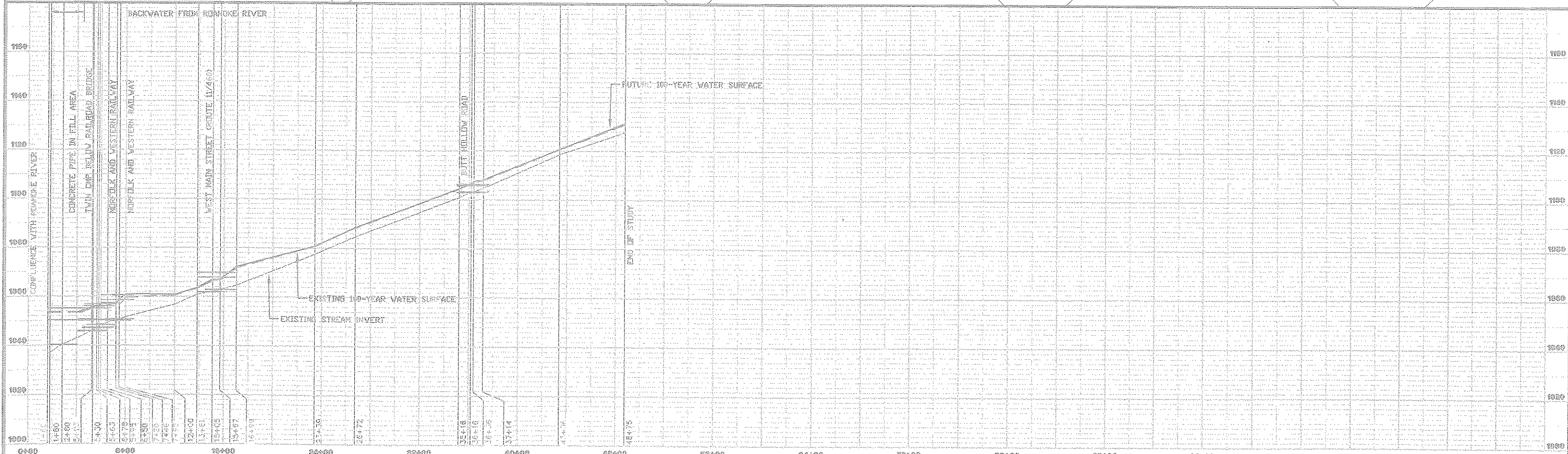
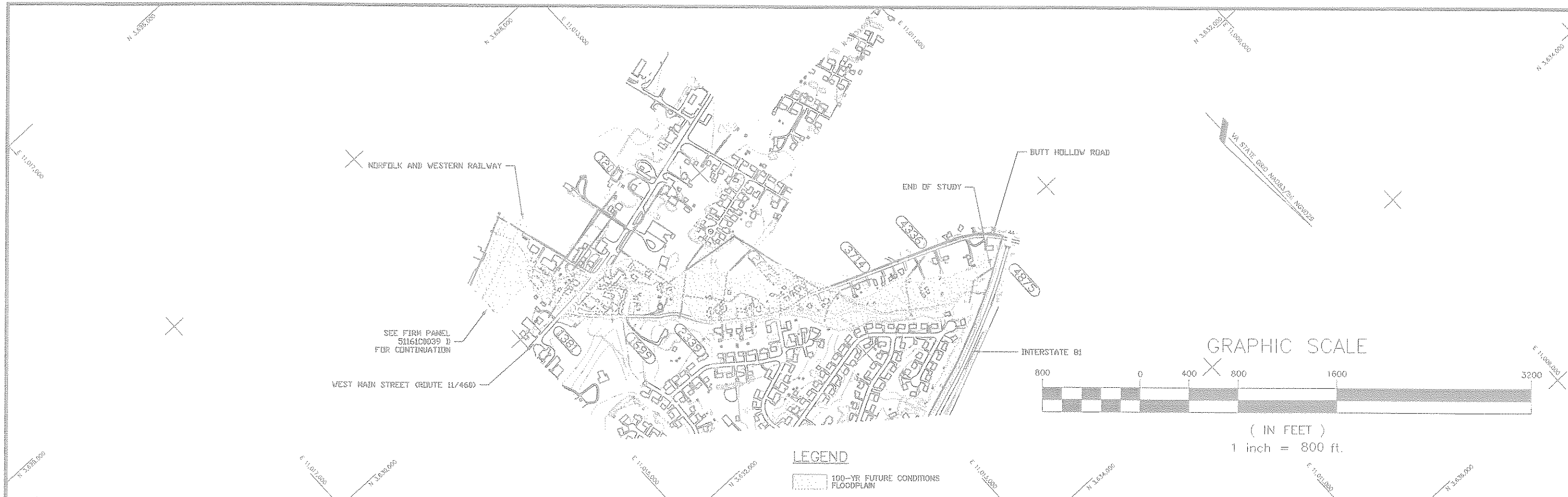
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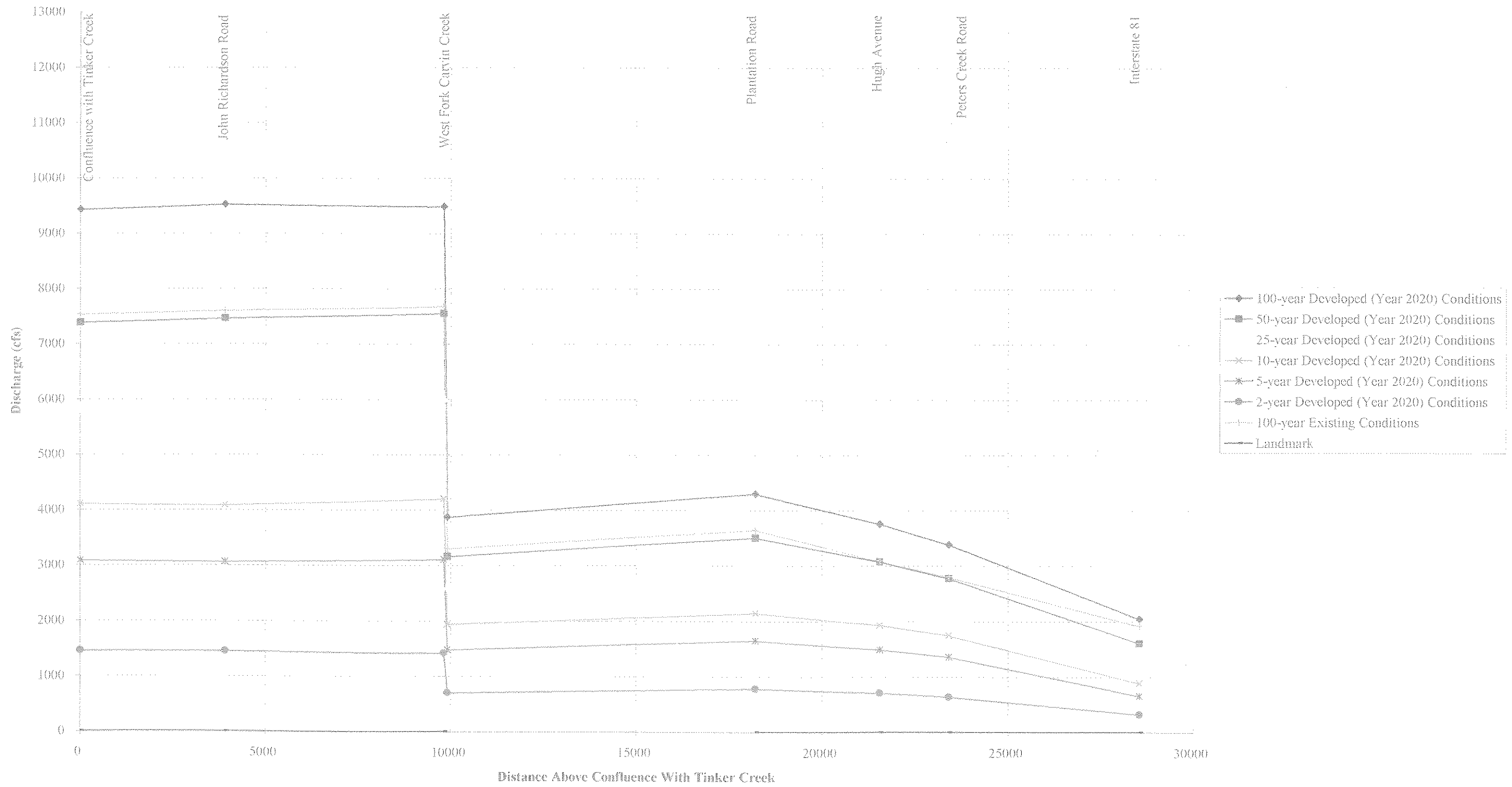
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STORMWATER MANAGEMENT PLAN

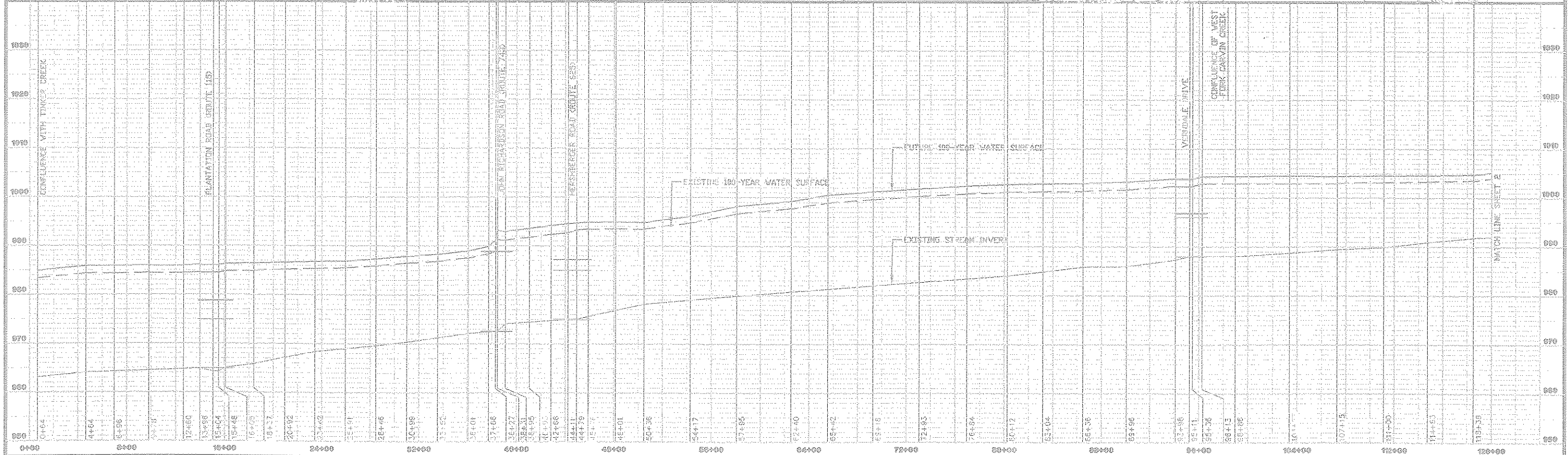
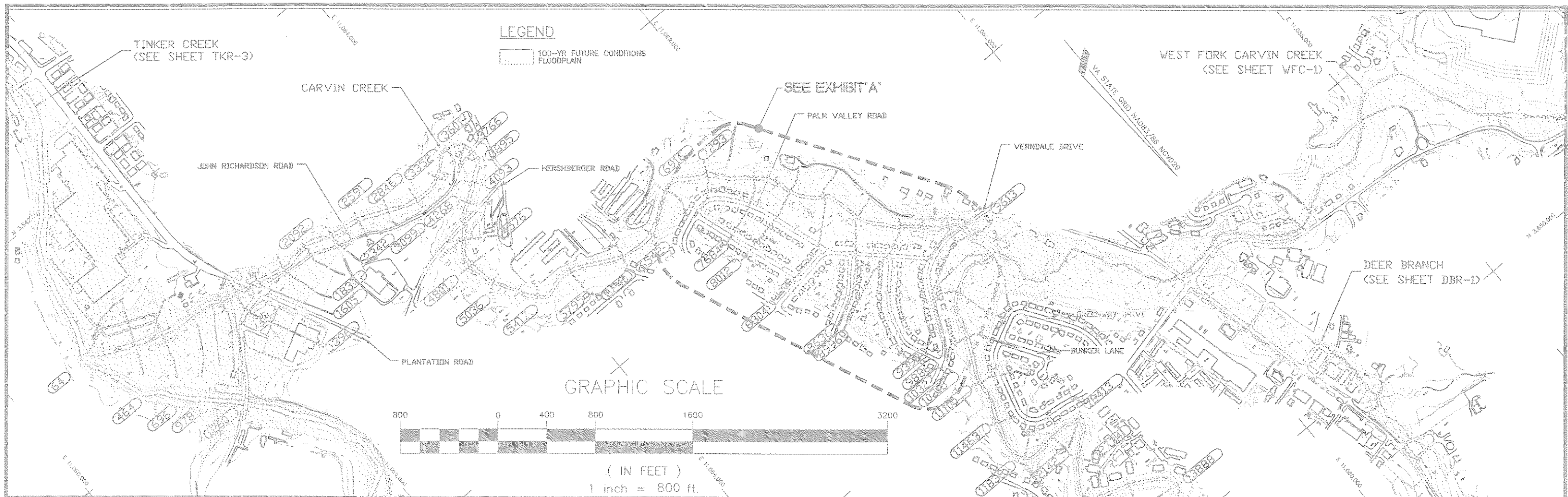
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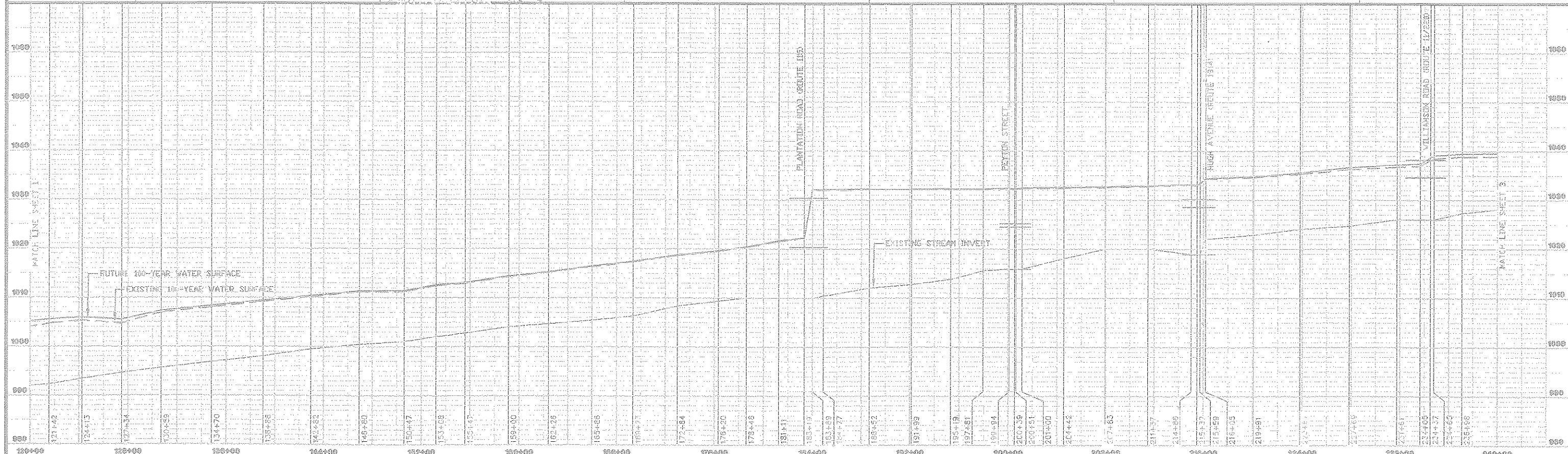
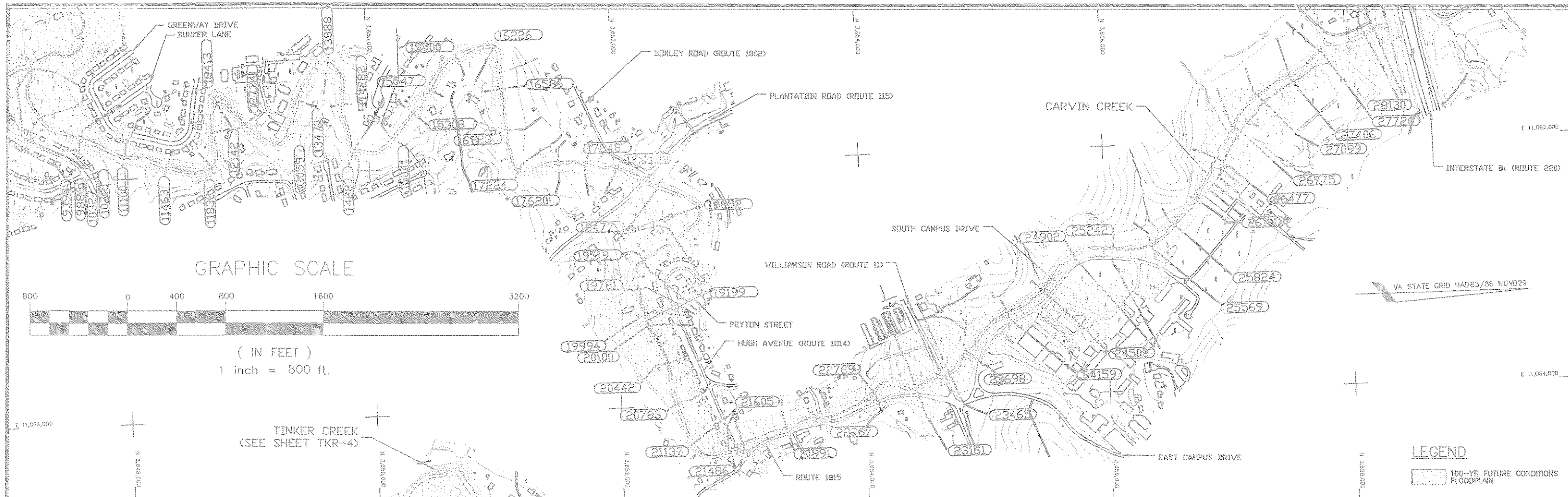
ROANOKE VALLEY REGIONAL
STORMWATER MANAGEMENT PLAN

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ROANOKE, VIRGINIA

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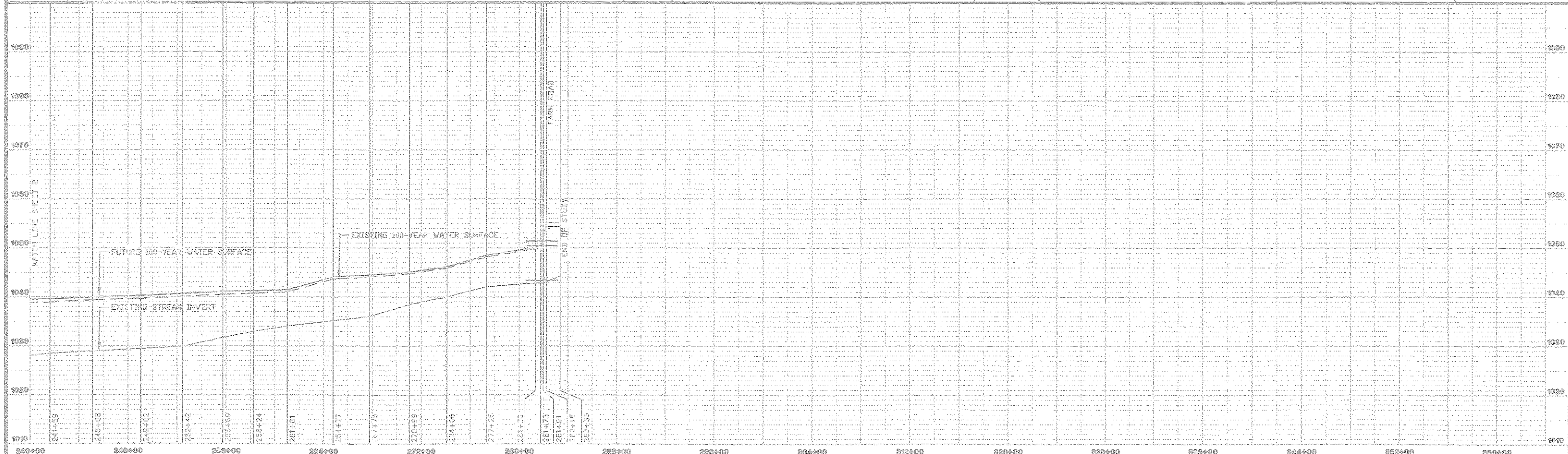
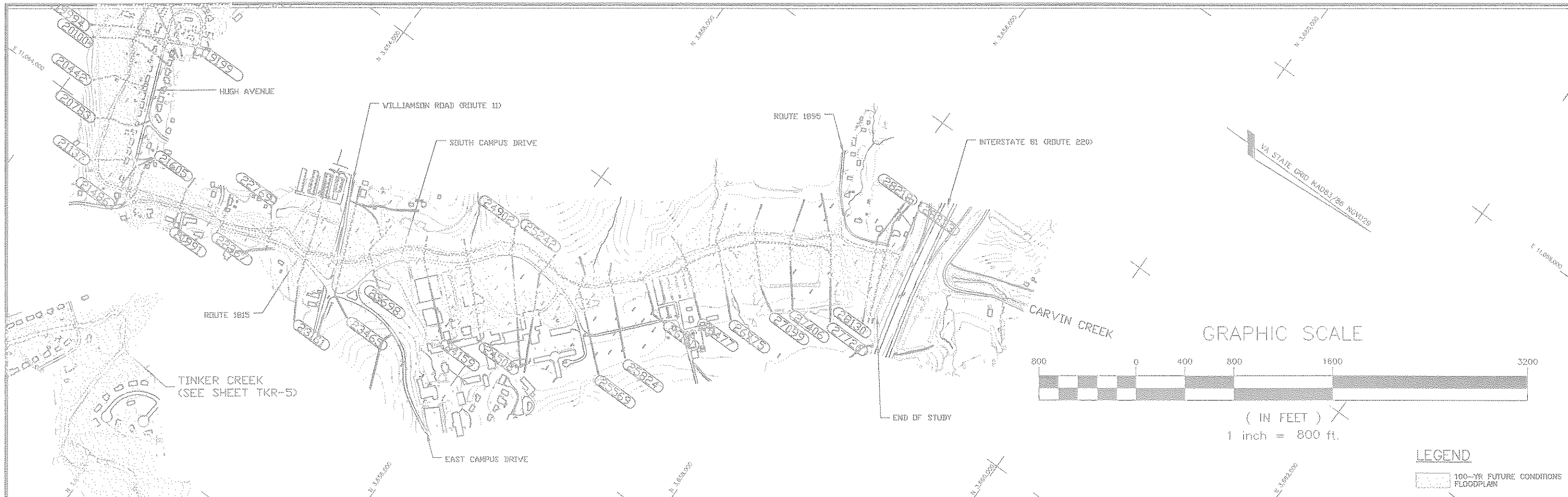
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STORMWATER MANAGEMENT PLAN

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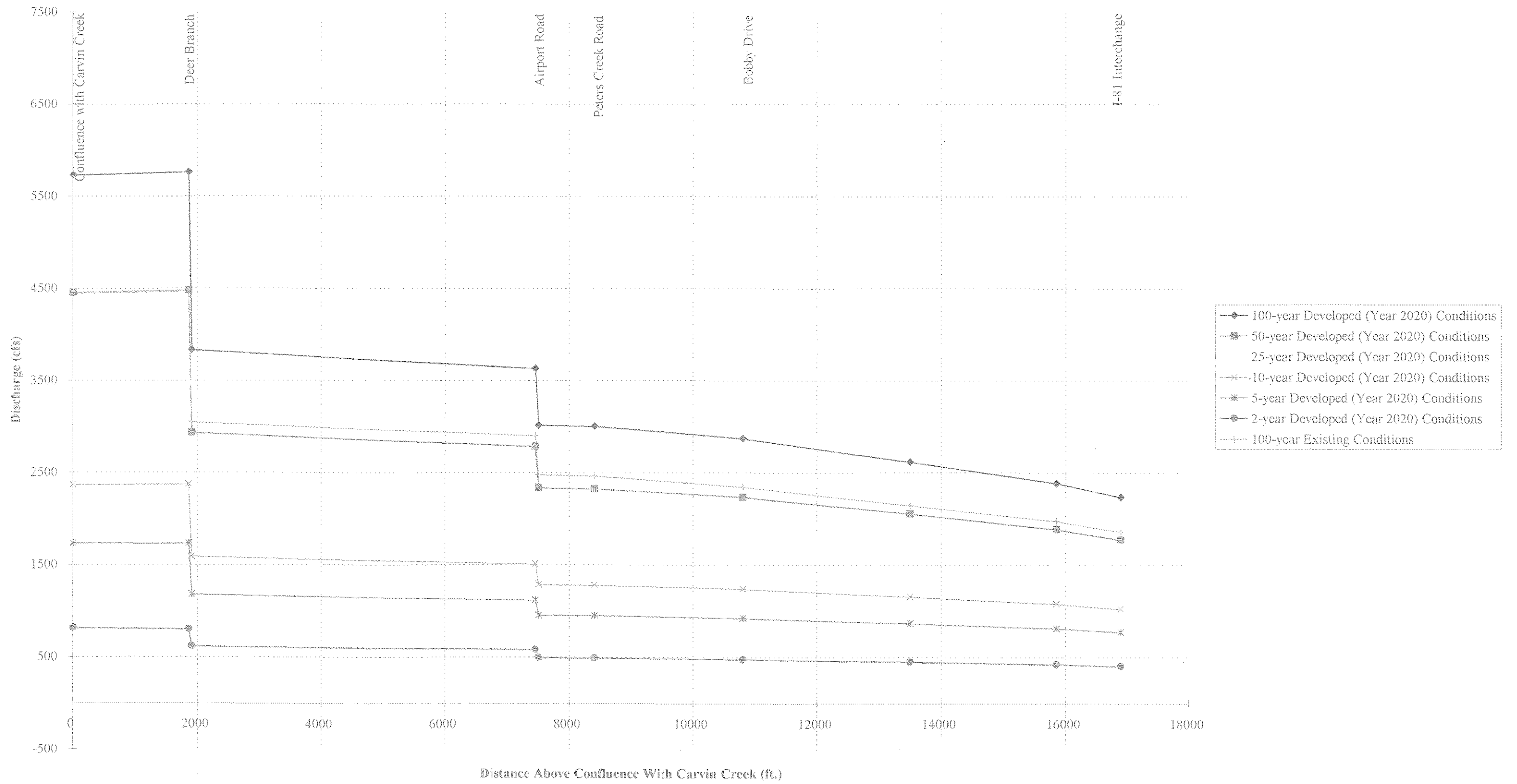
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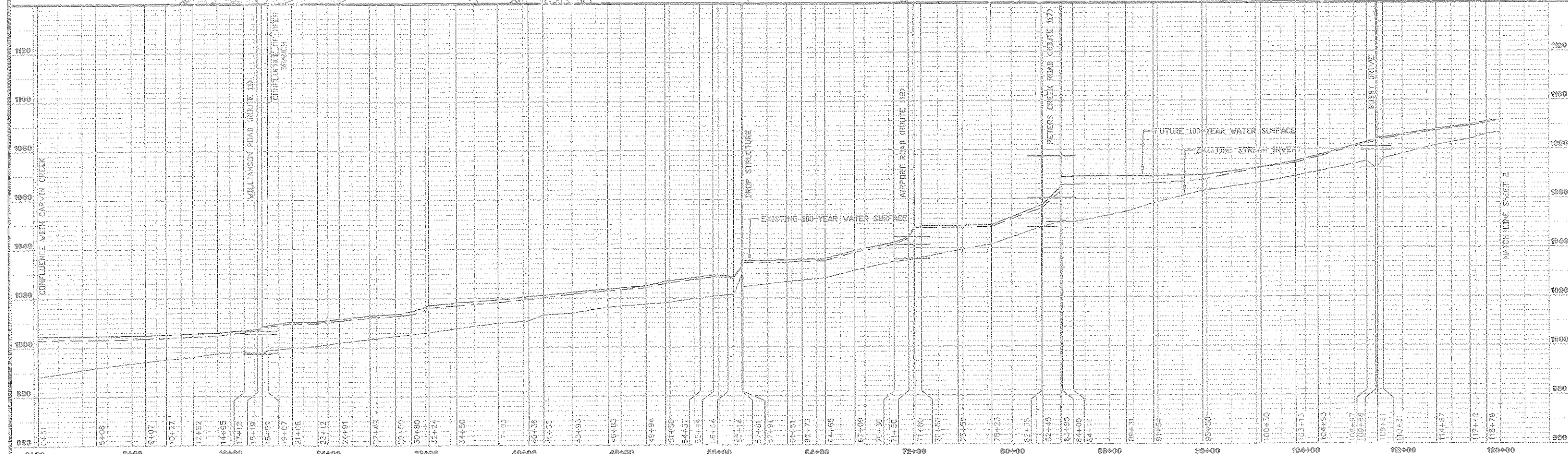
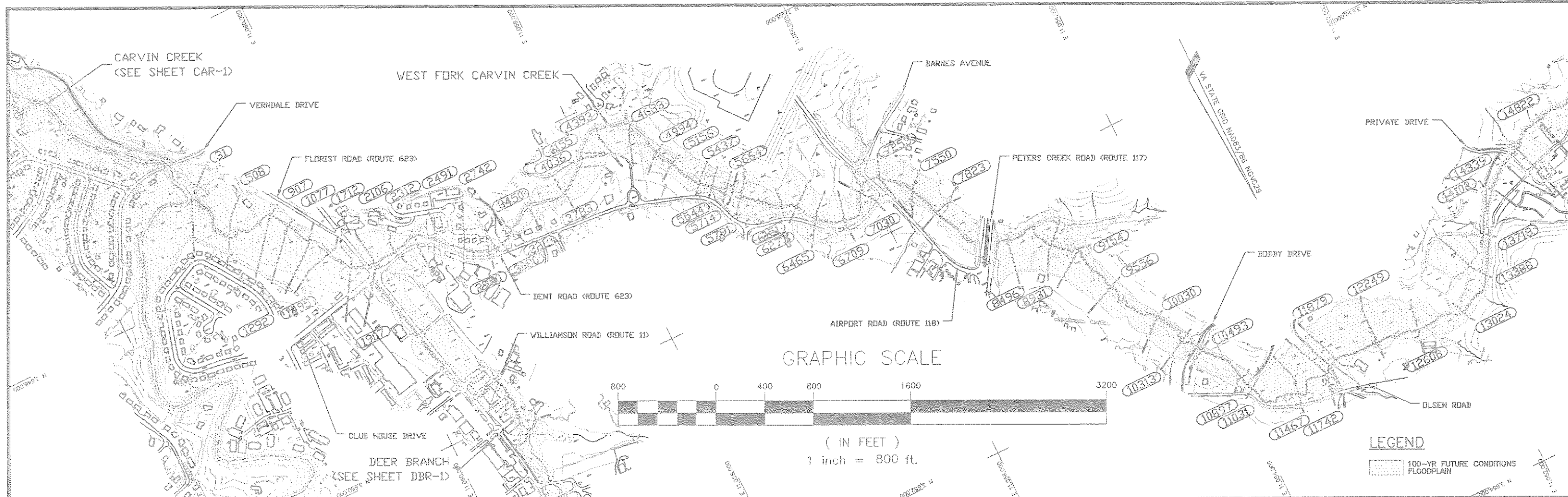
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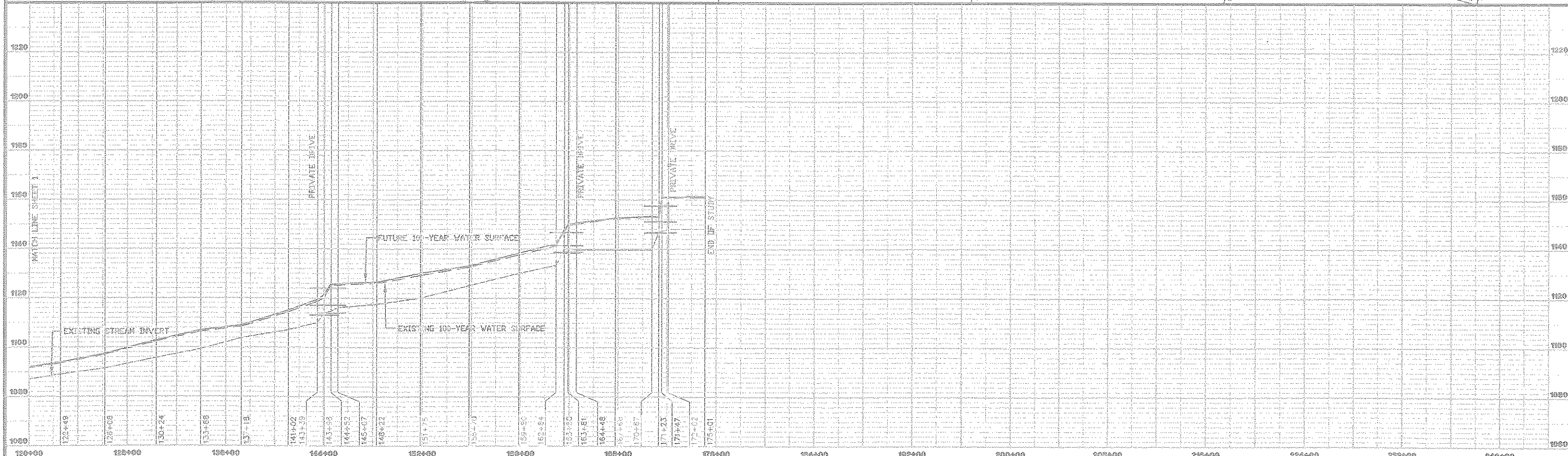
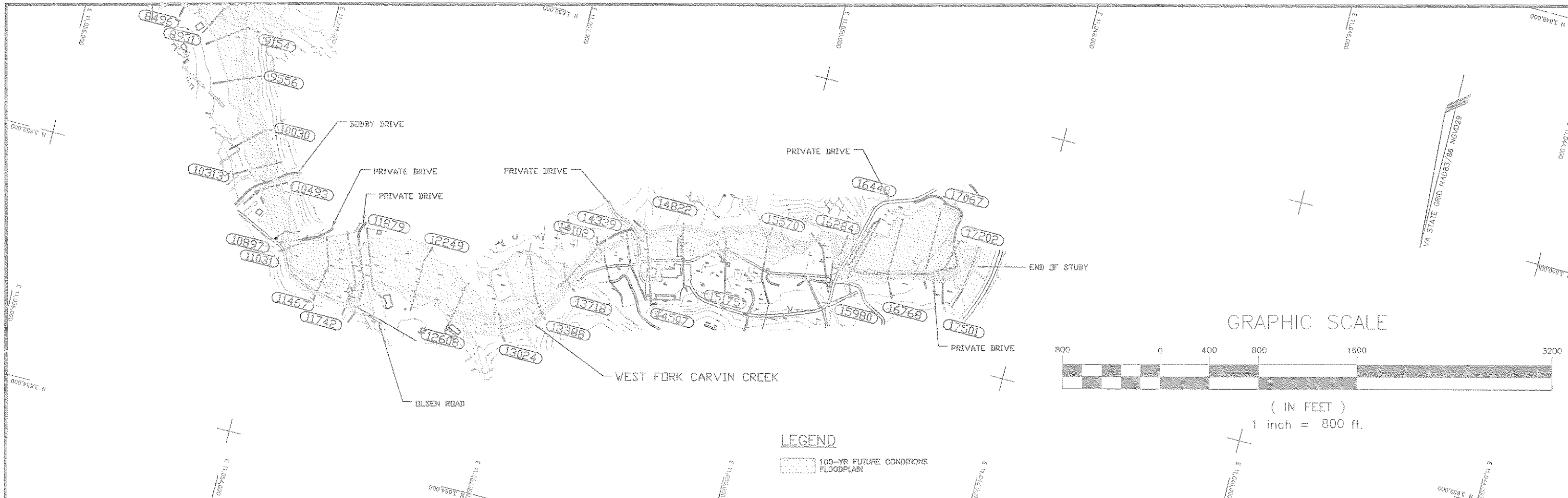
WEST FORK CARVIN CREEK
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STORMWATER MANAGEMENT PLAN

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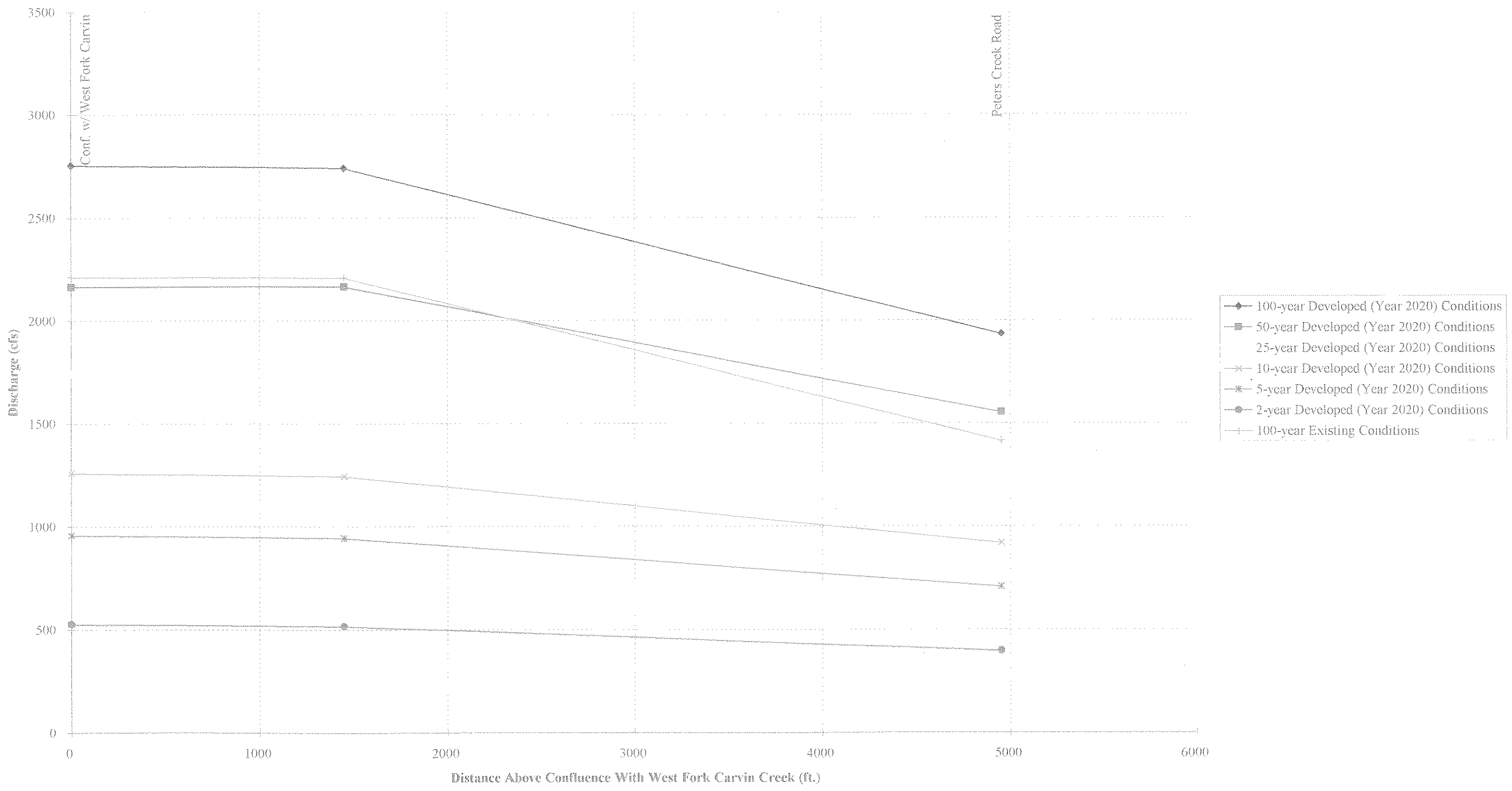
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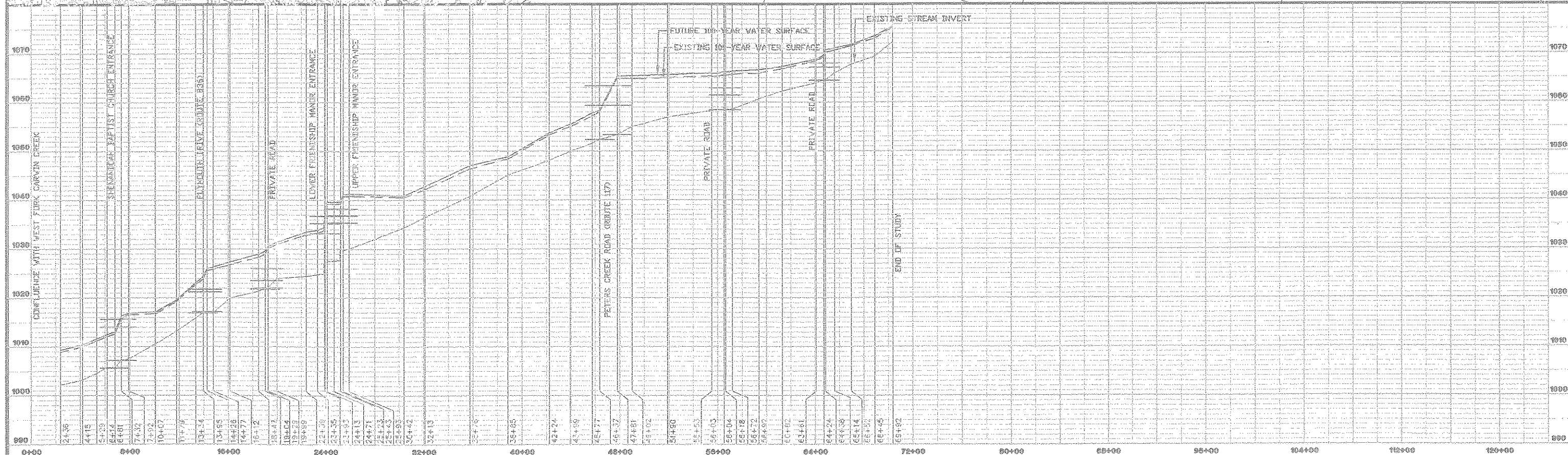
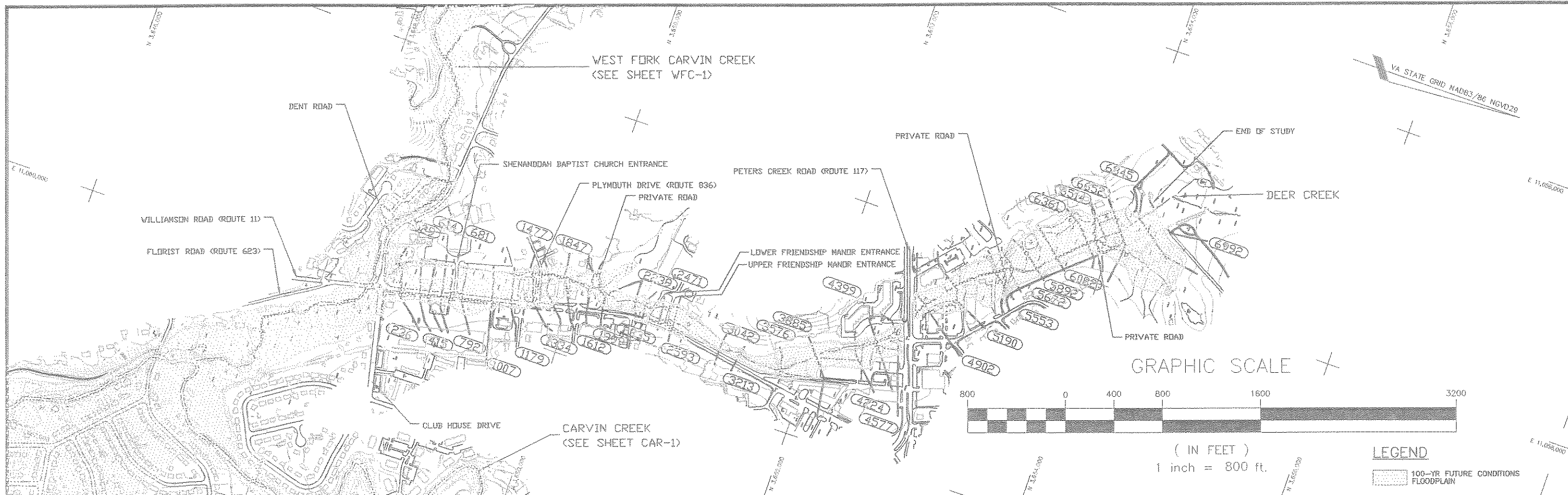
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STORMWATER MANAGEMENT PLAN

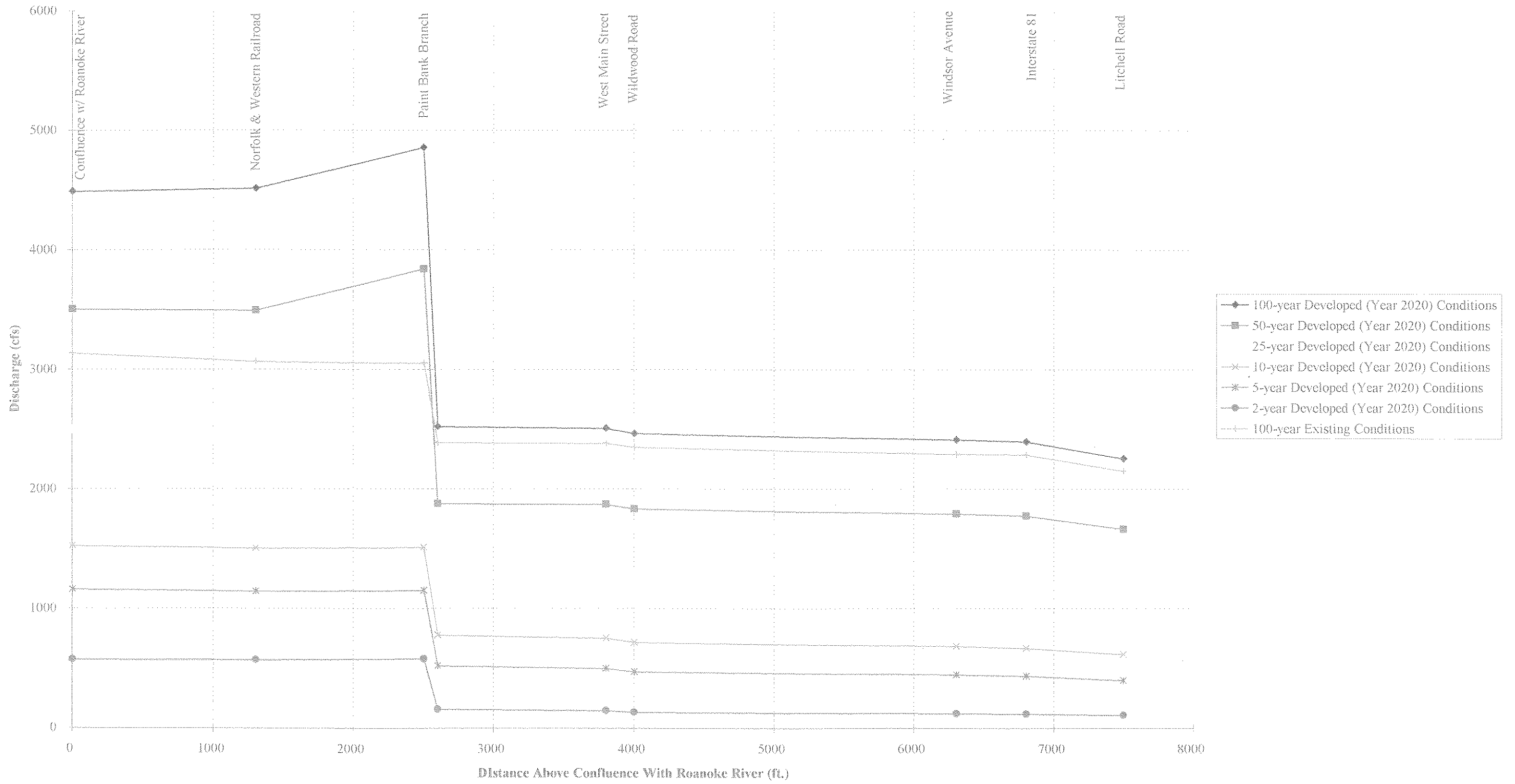
ROANOKE, VIRGINIA

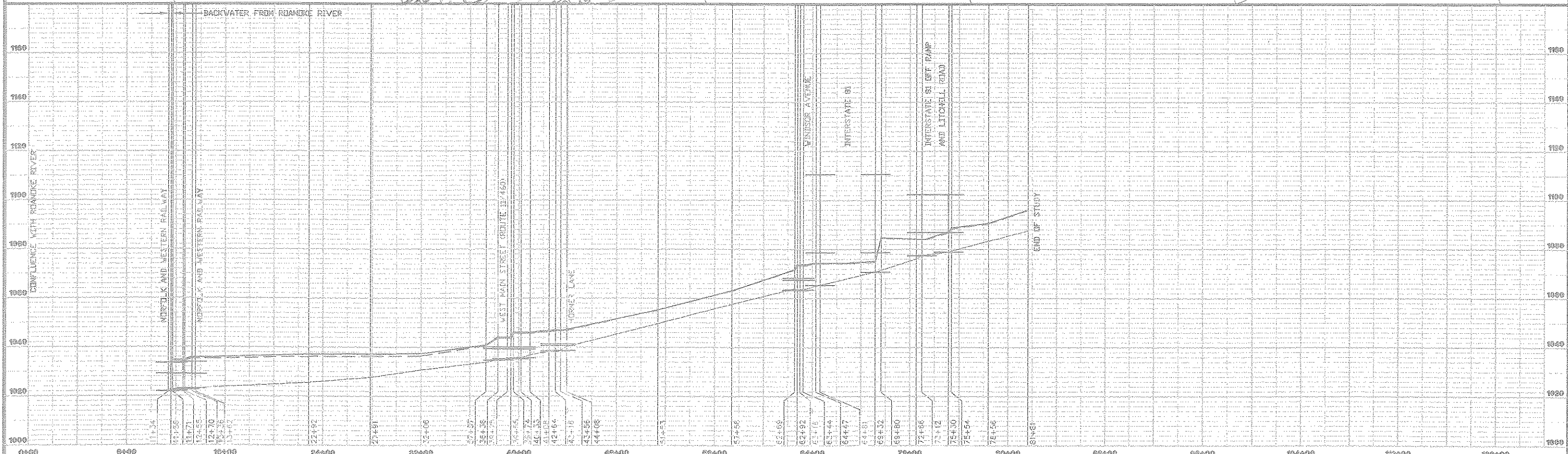
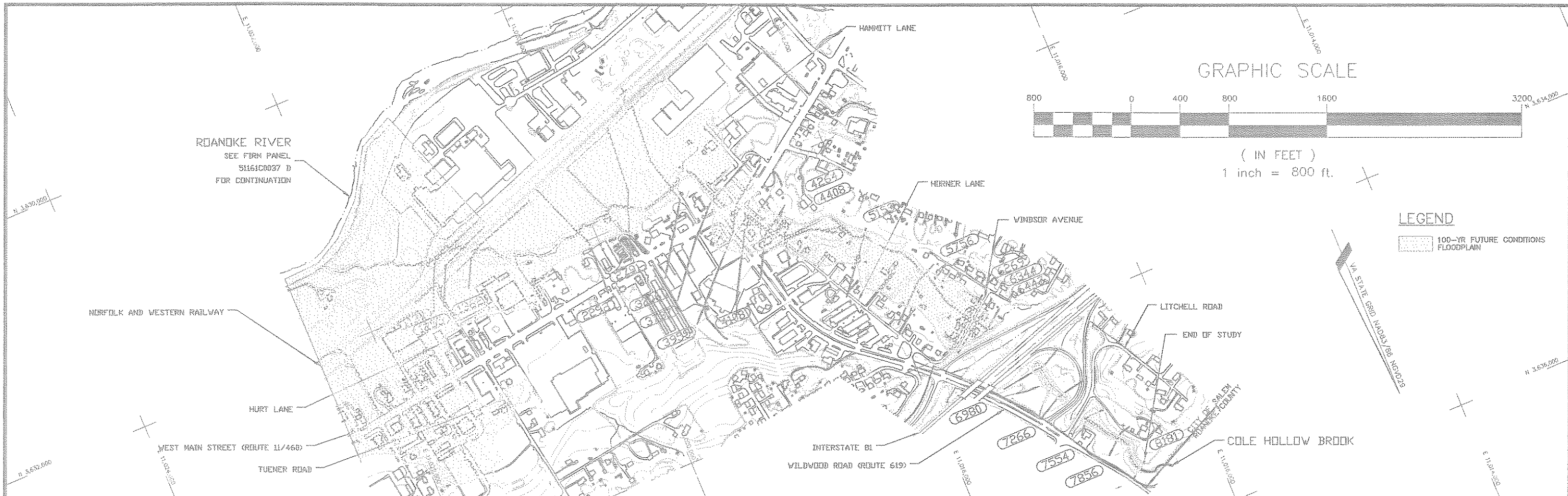
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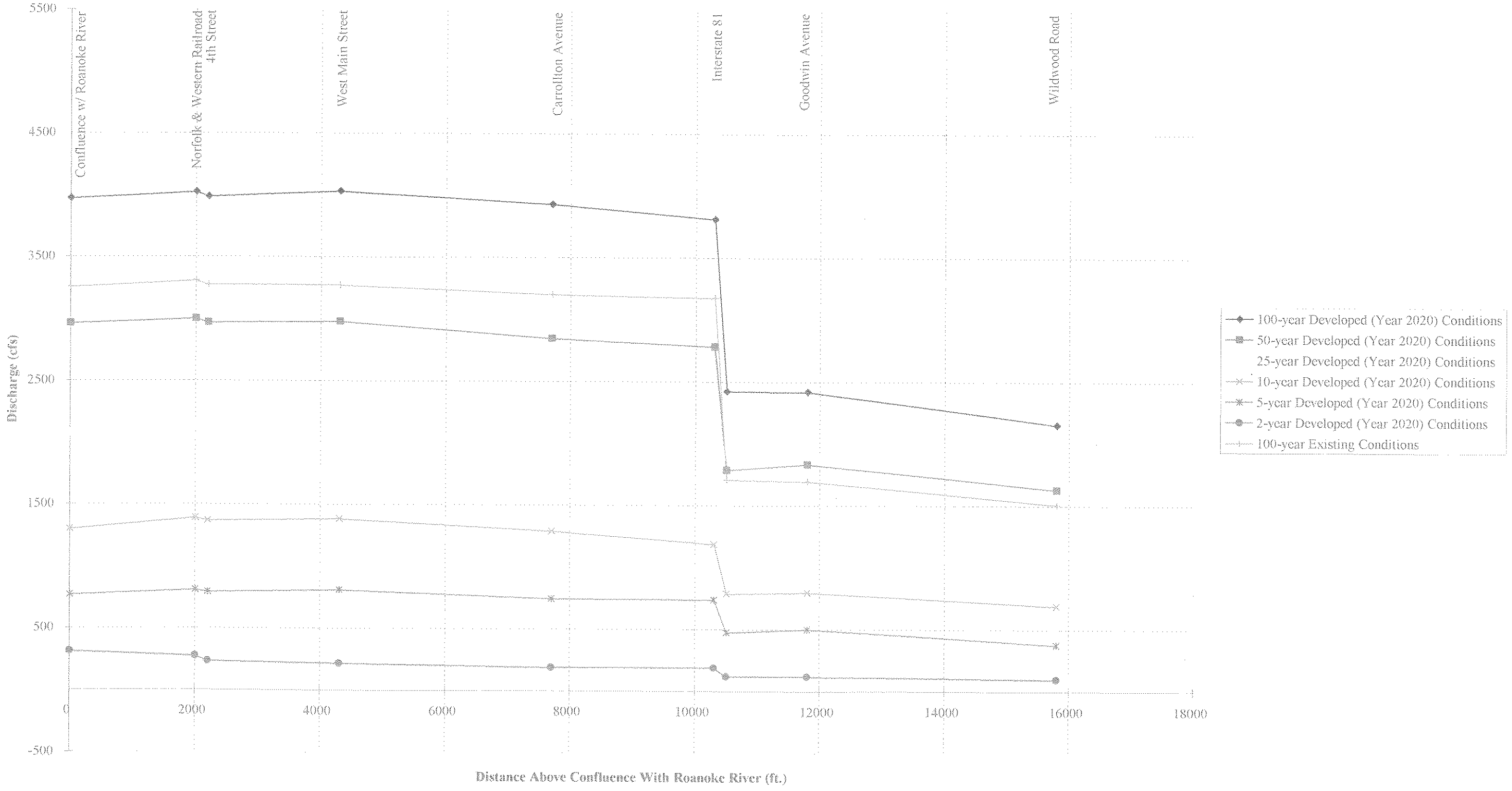
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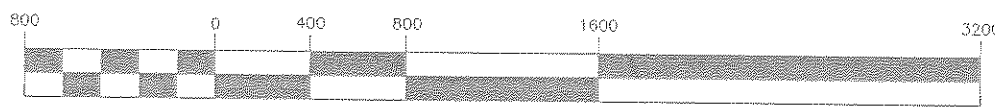
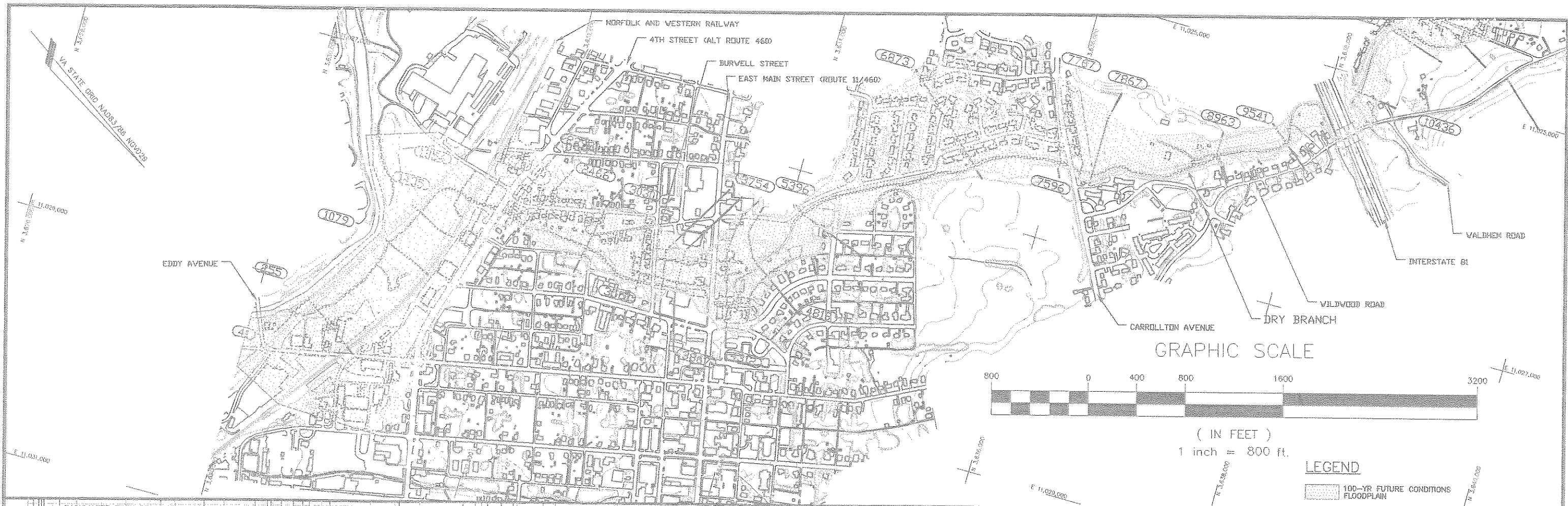
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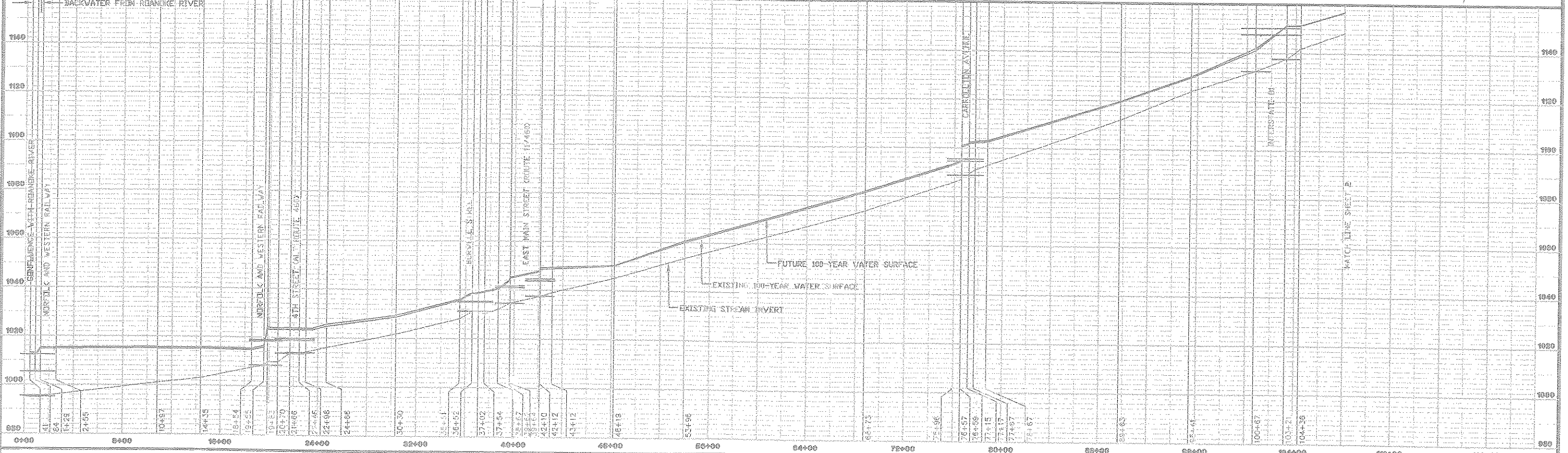
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 100-YR FUTURE CONDITIONS FLOODPLAIN



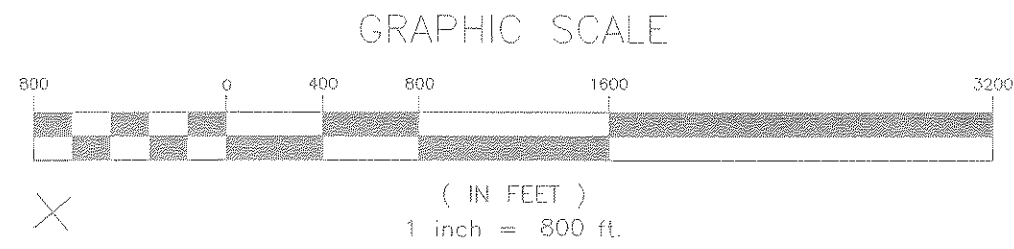
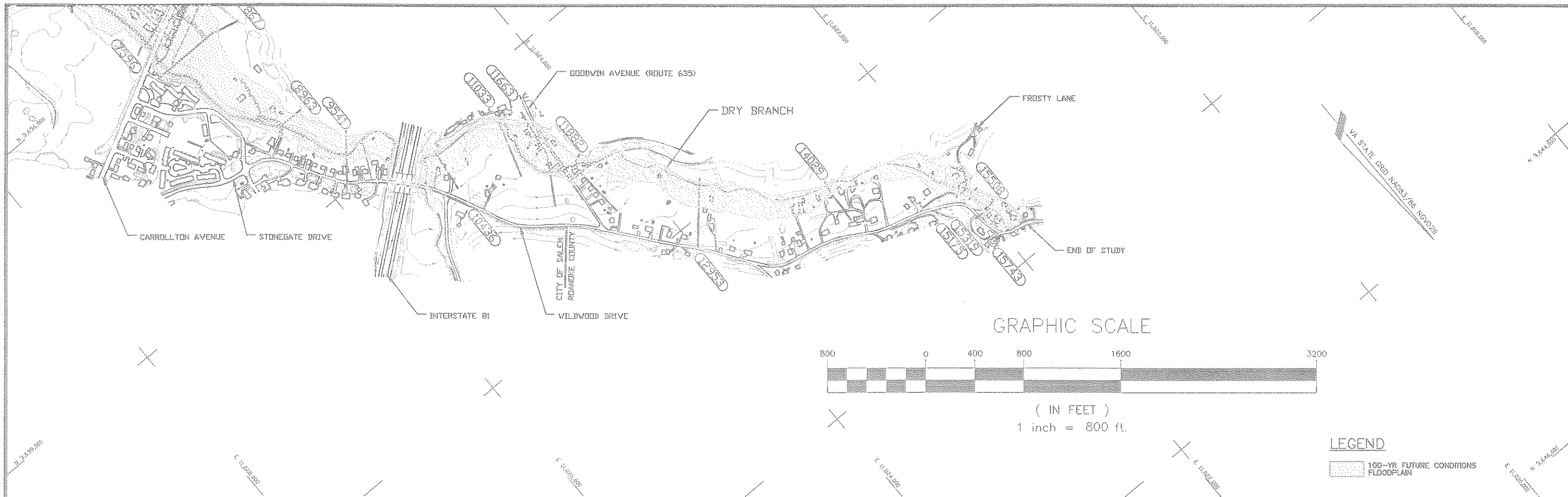
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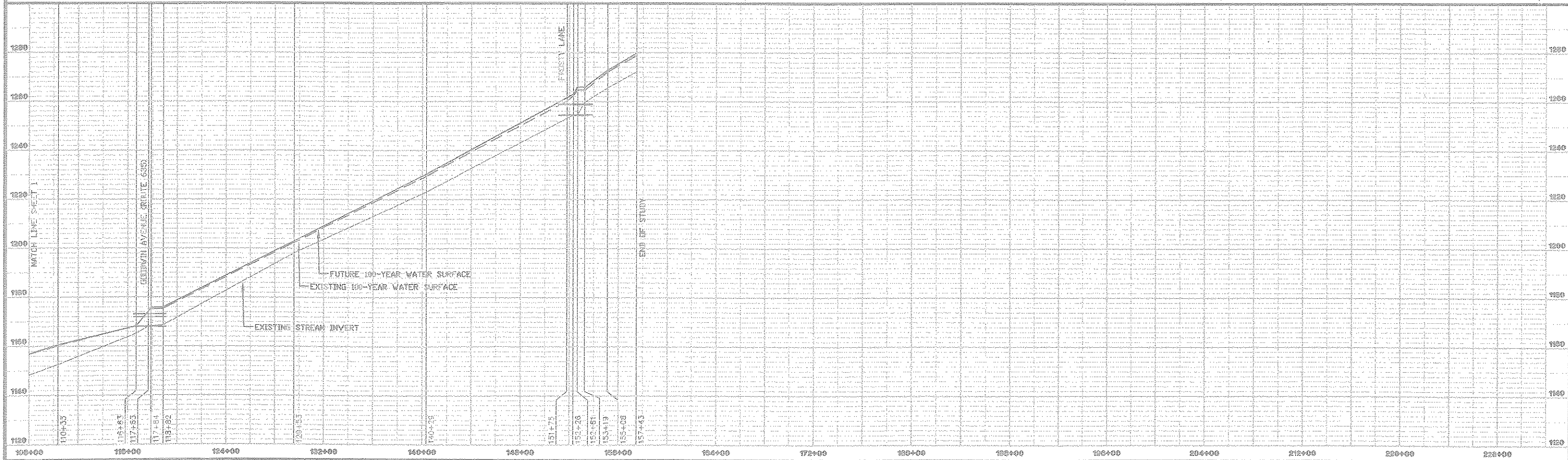
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STORMWATER MANAGEMENT PLAN

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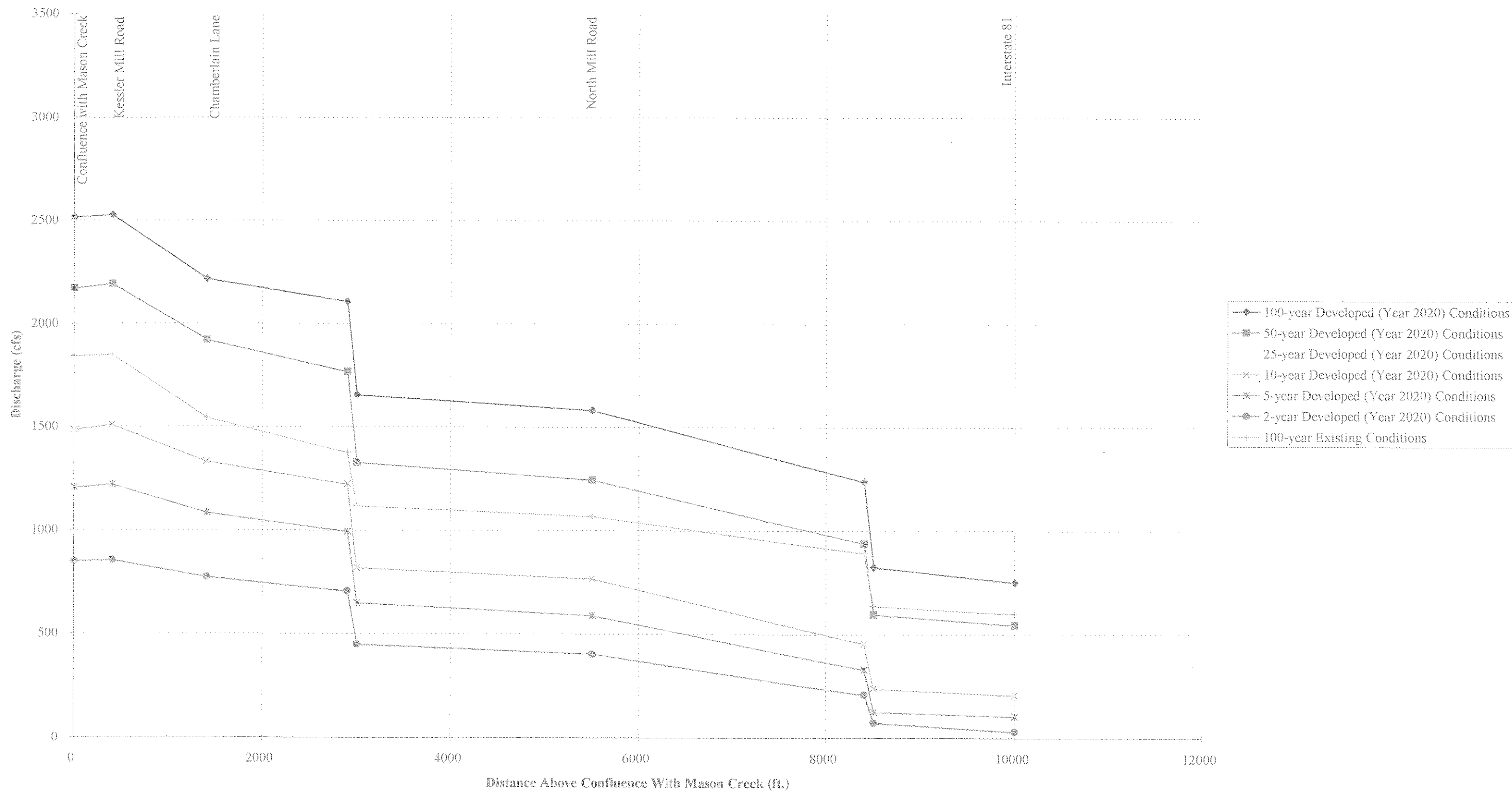
ROANOKE VALLEY REGIONAL
STORMWATER MANAGEMENT PLAN

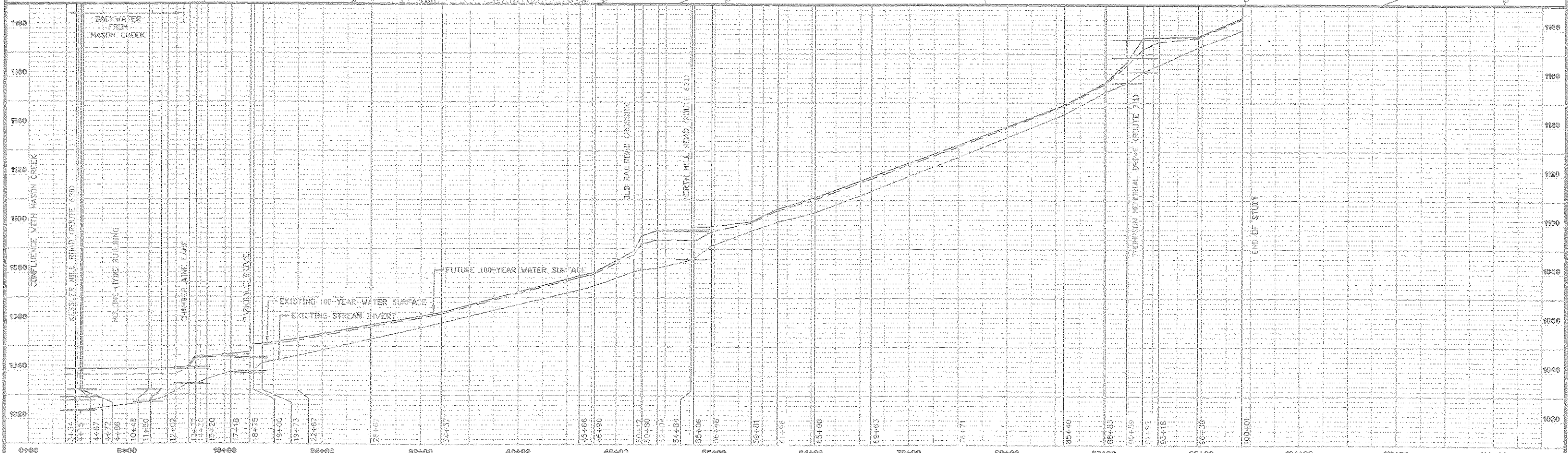
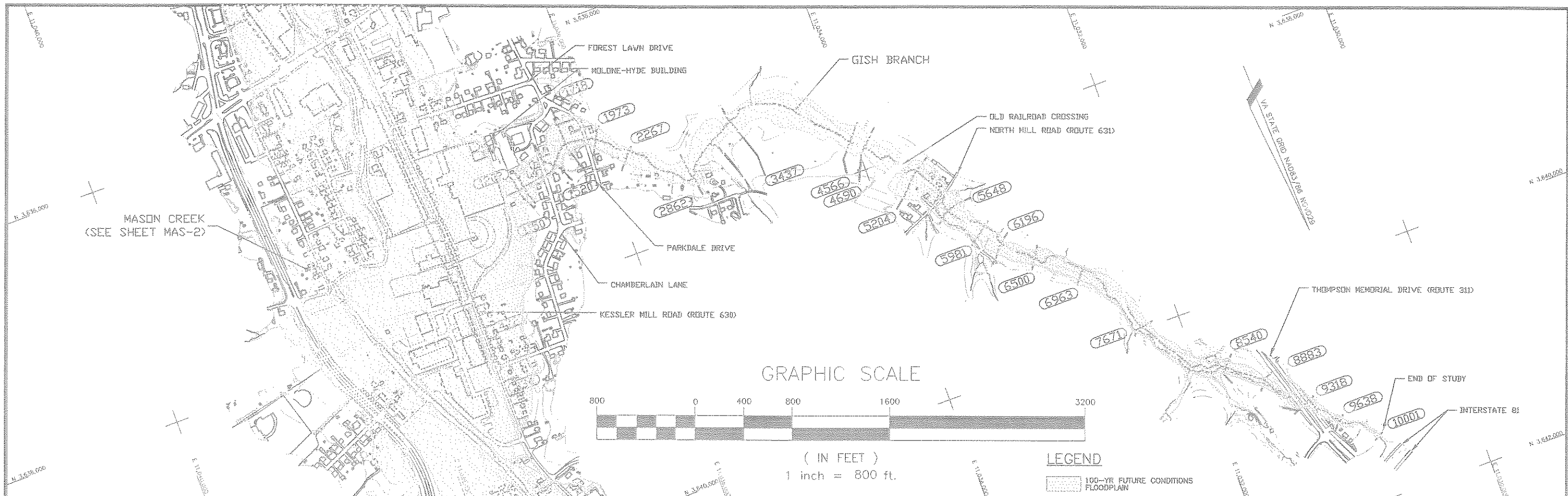
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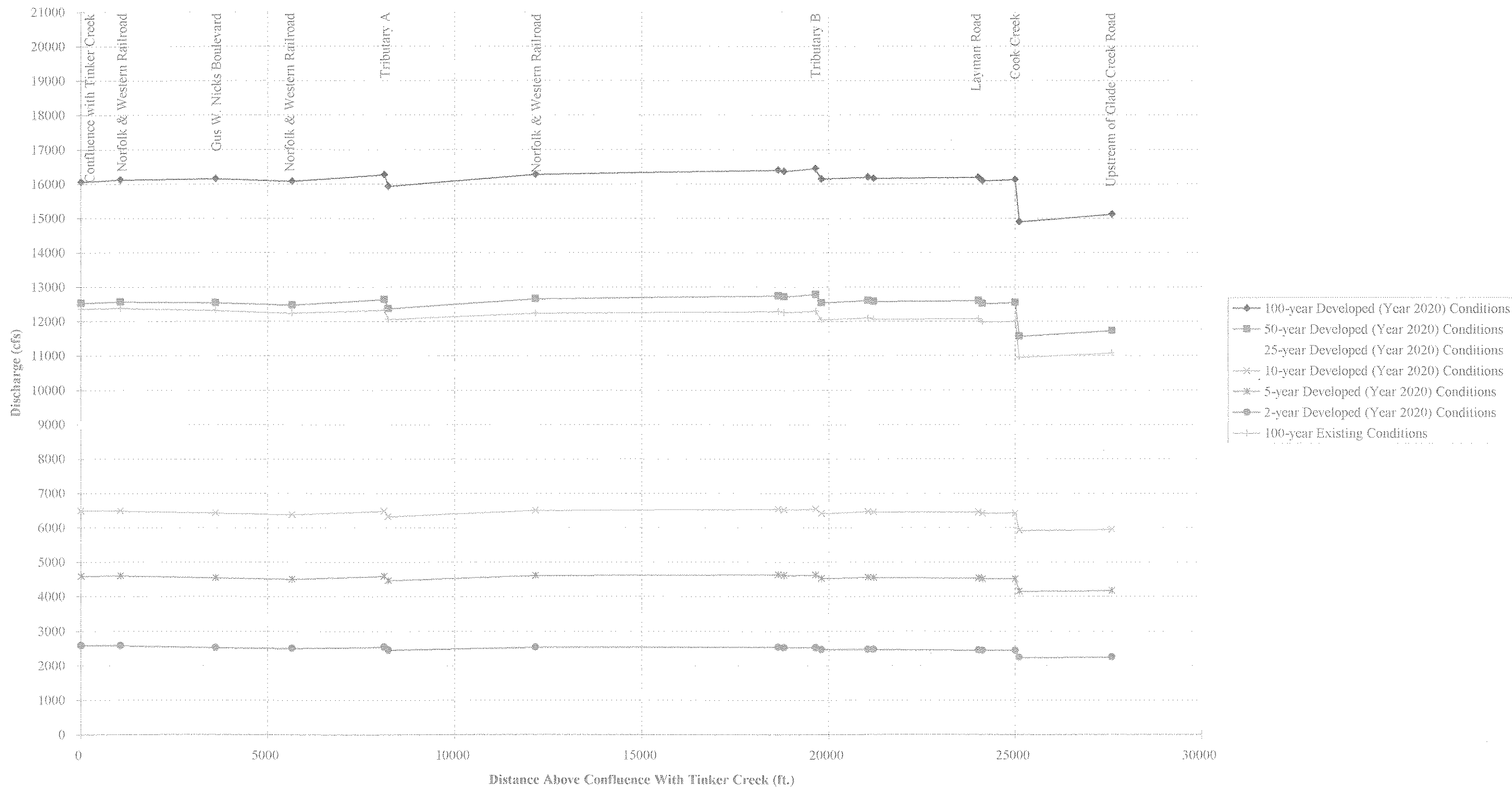
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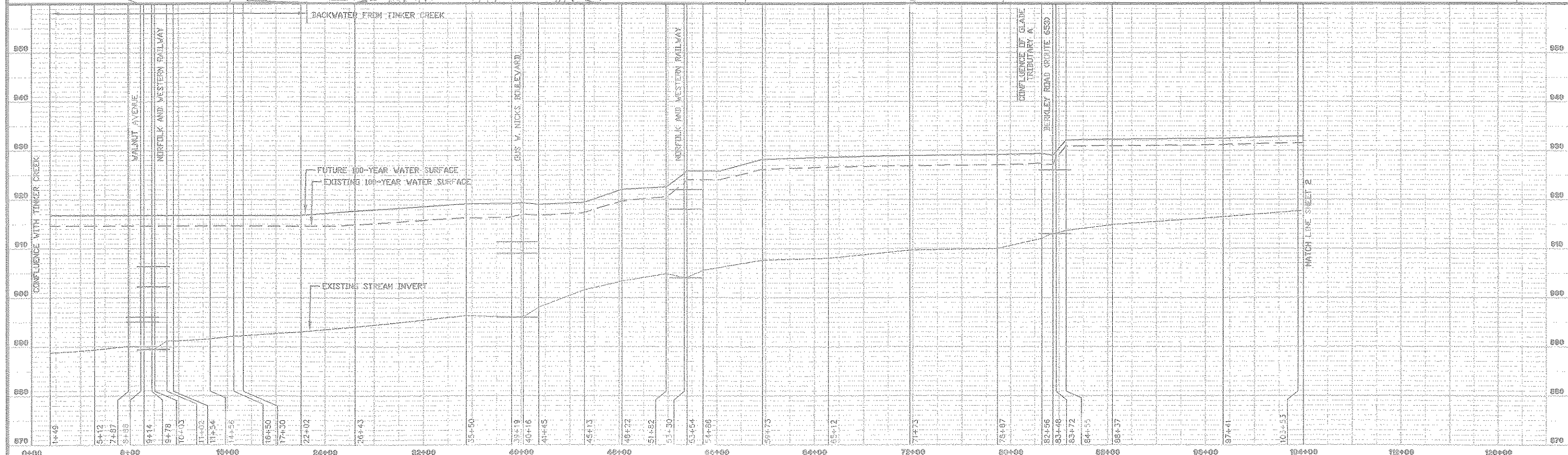
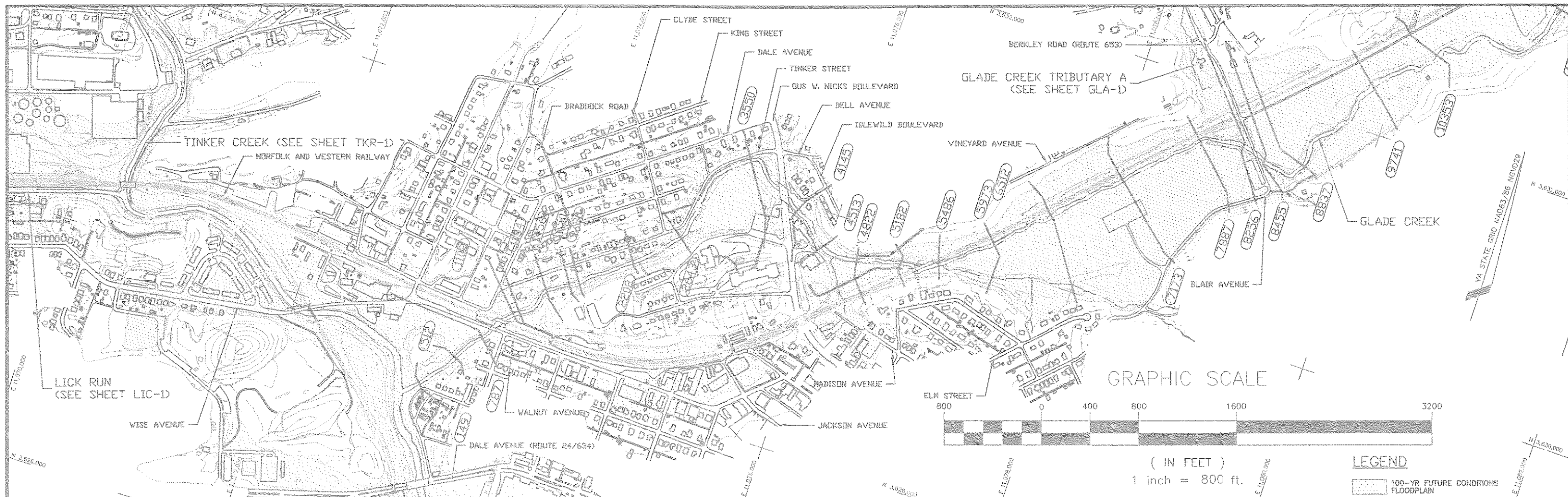
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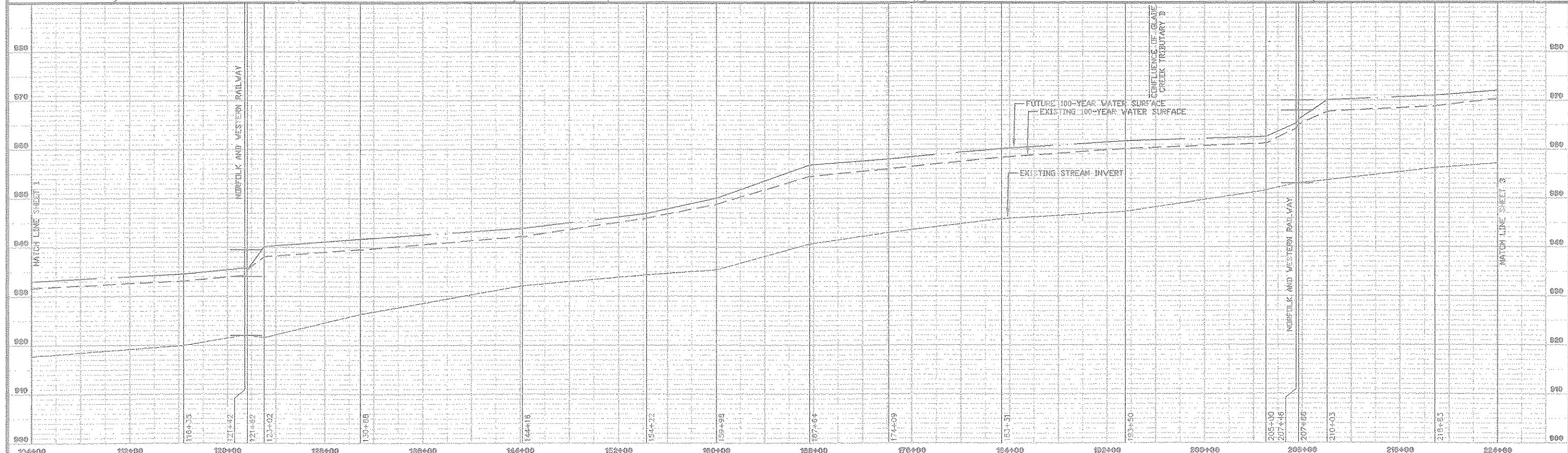
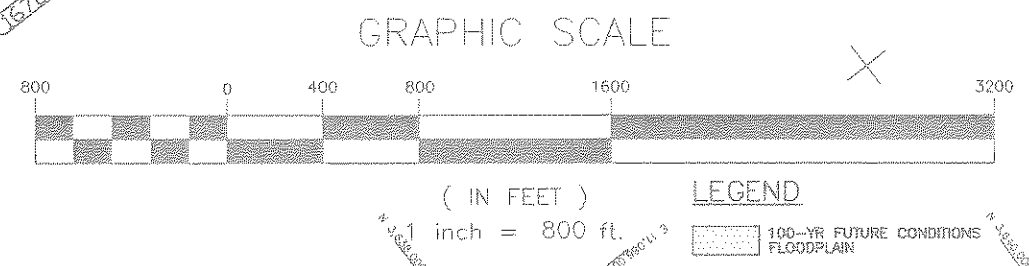
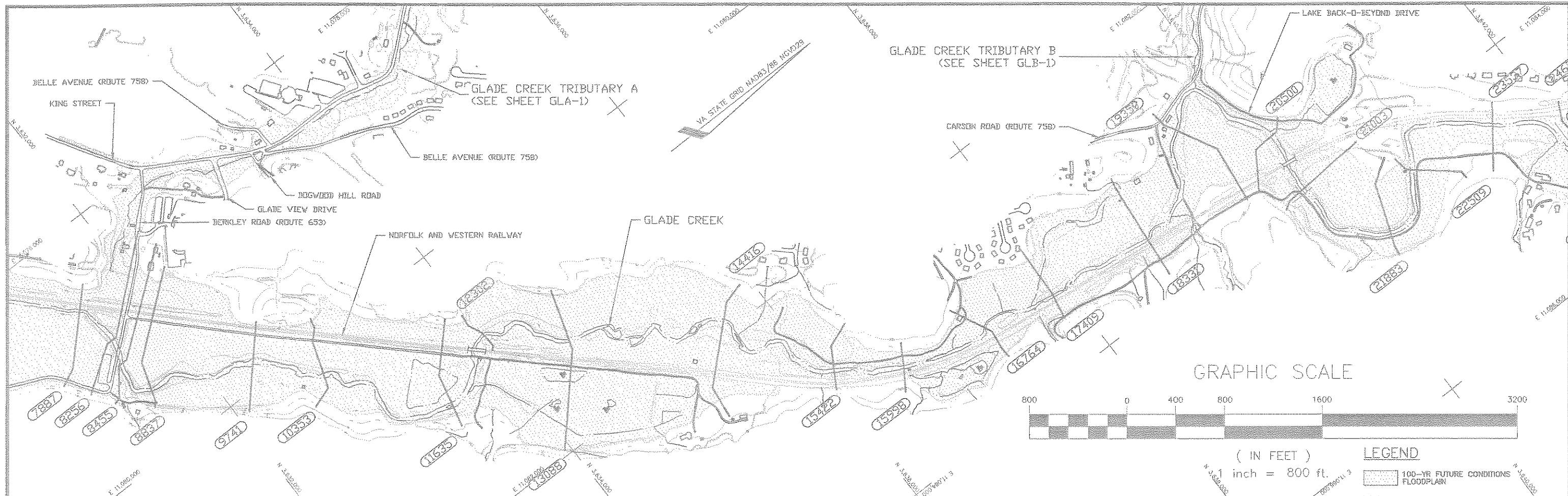
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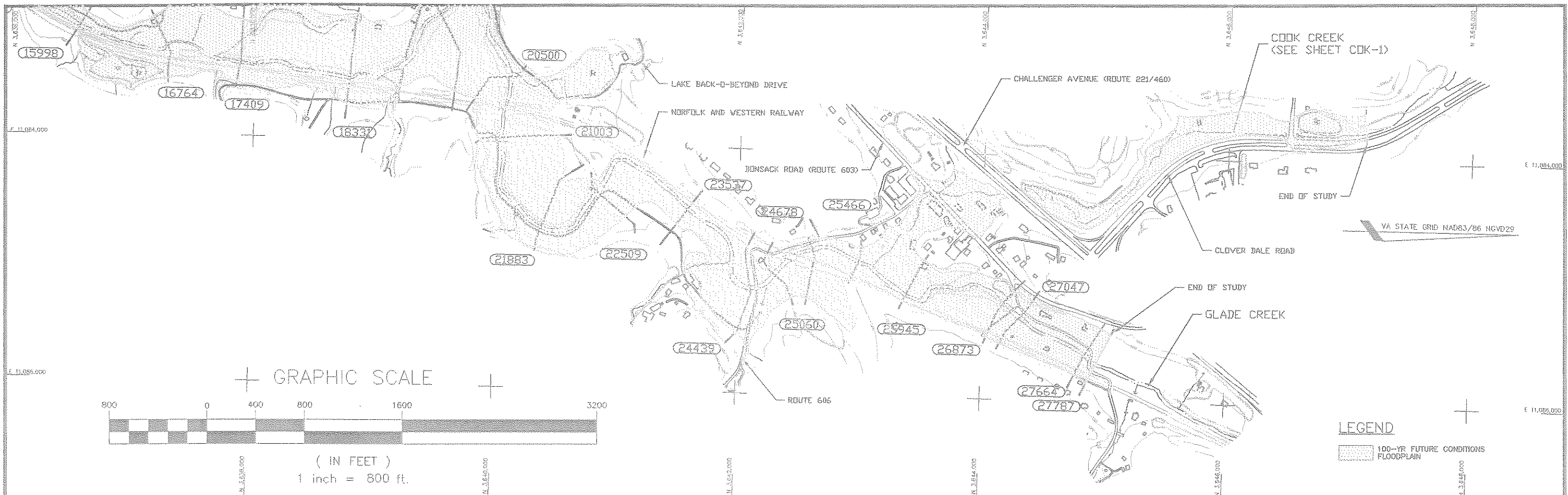
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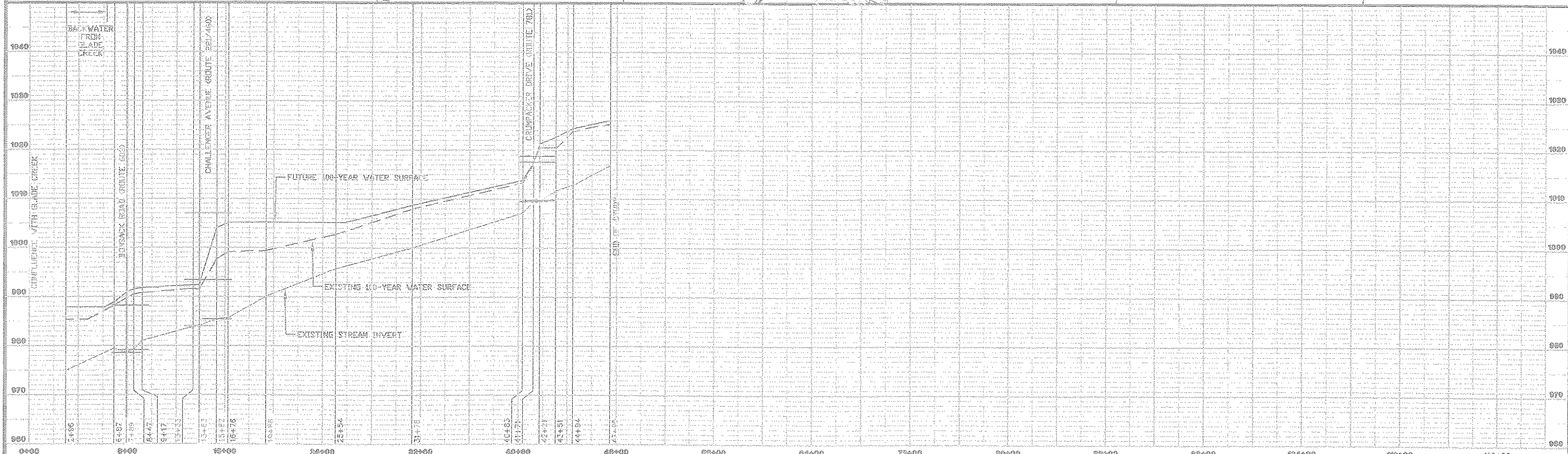
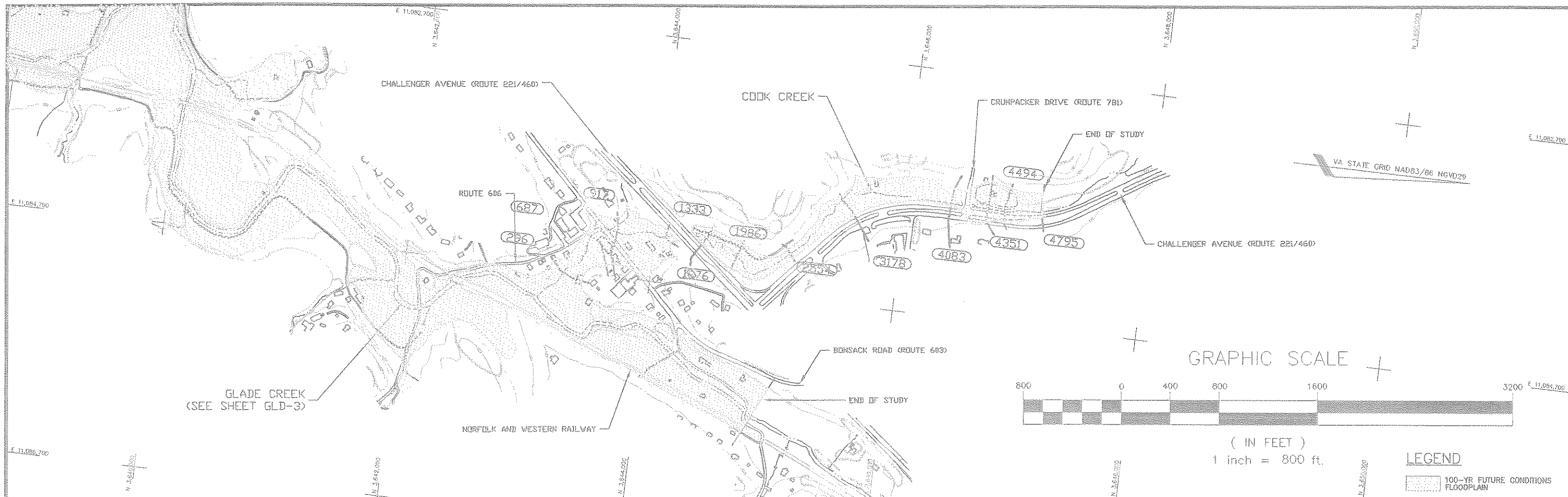
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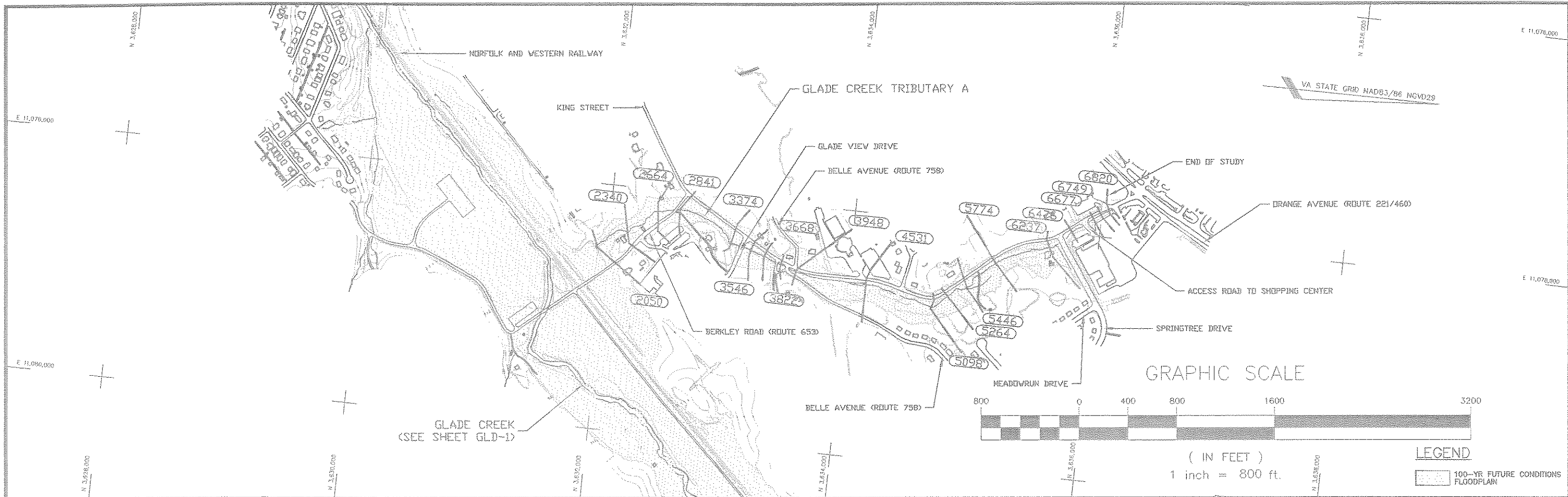
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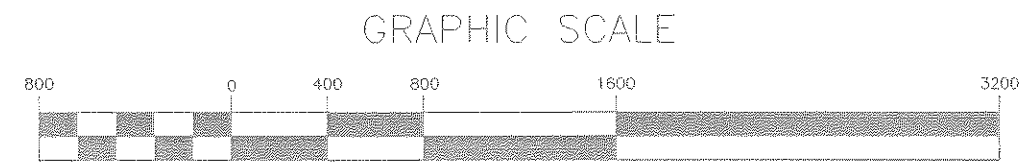
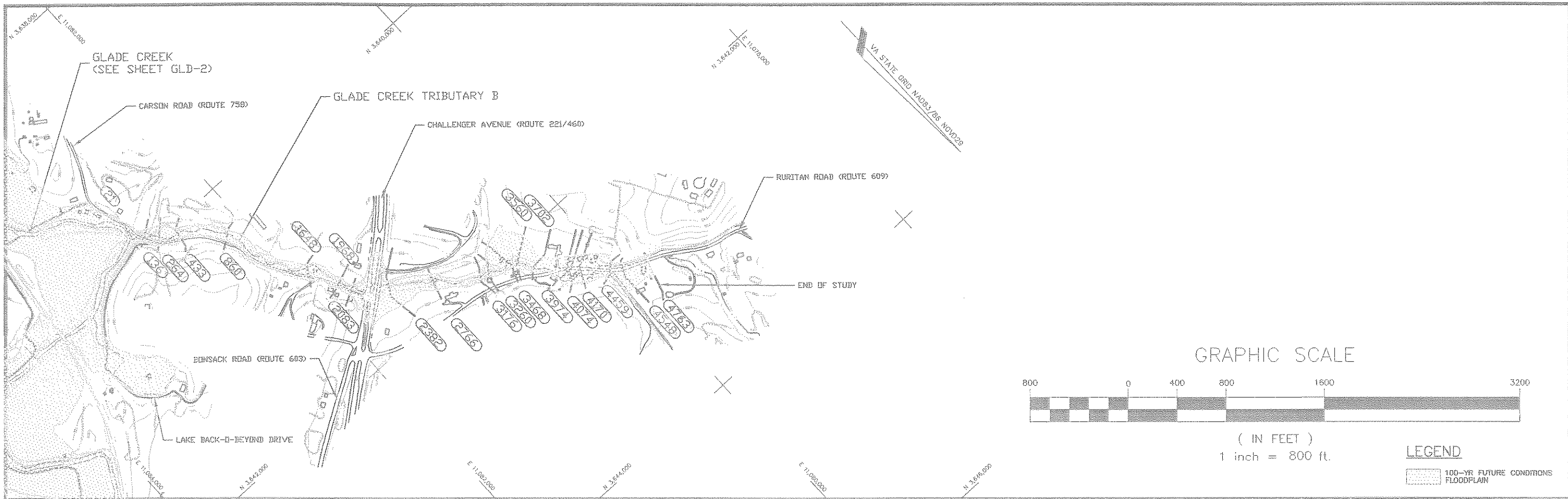
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 STORMWATER MANAGEMENT PLAN

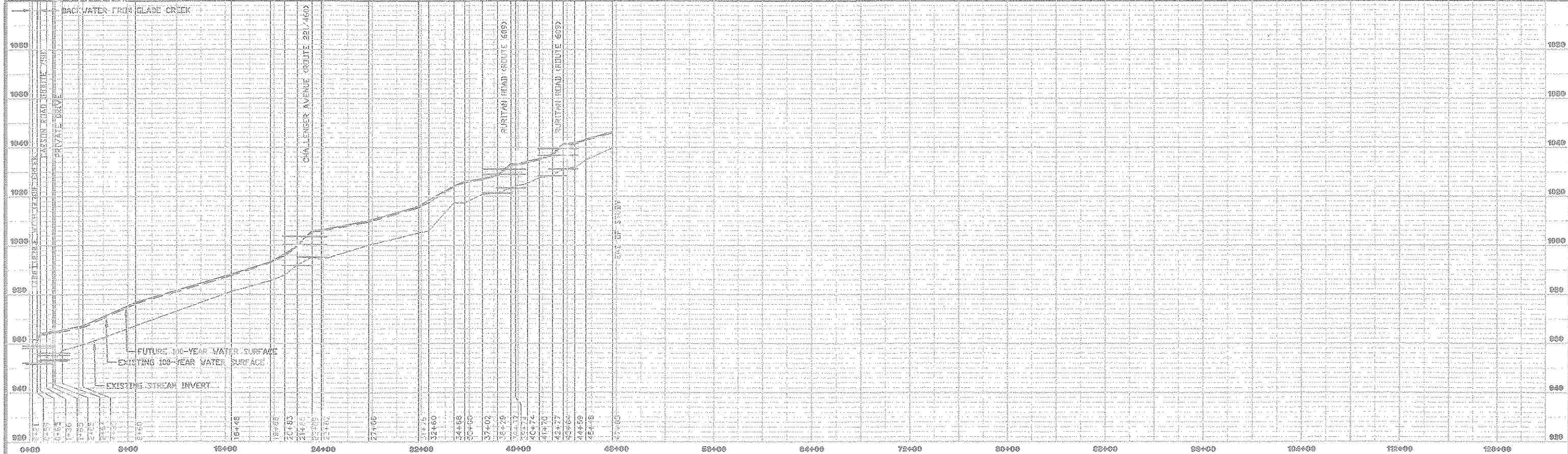
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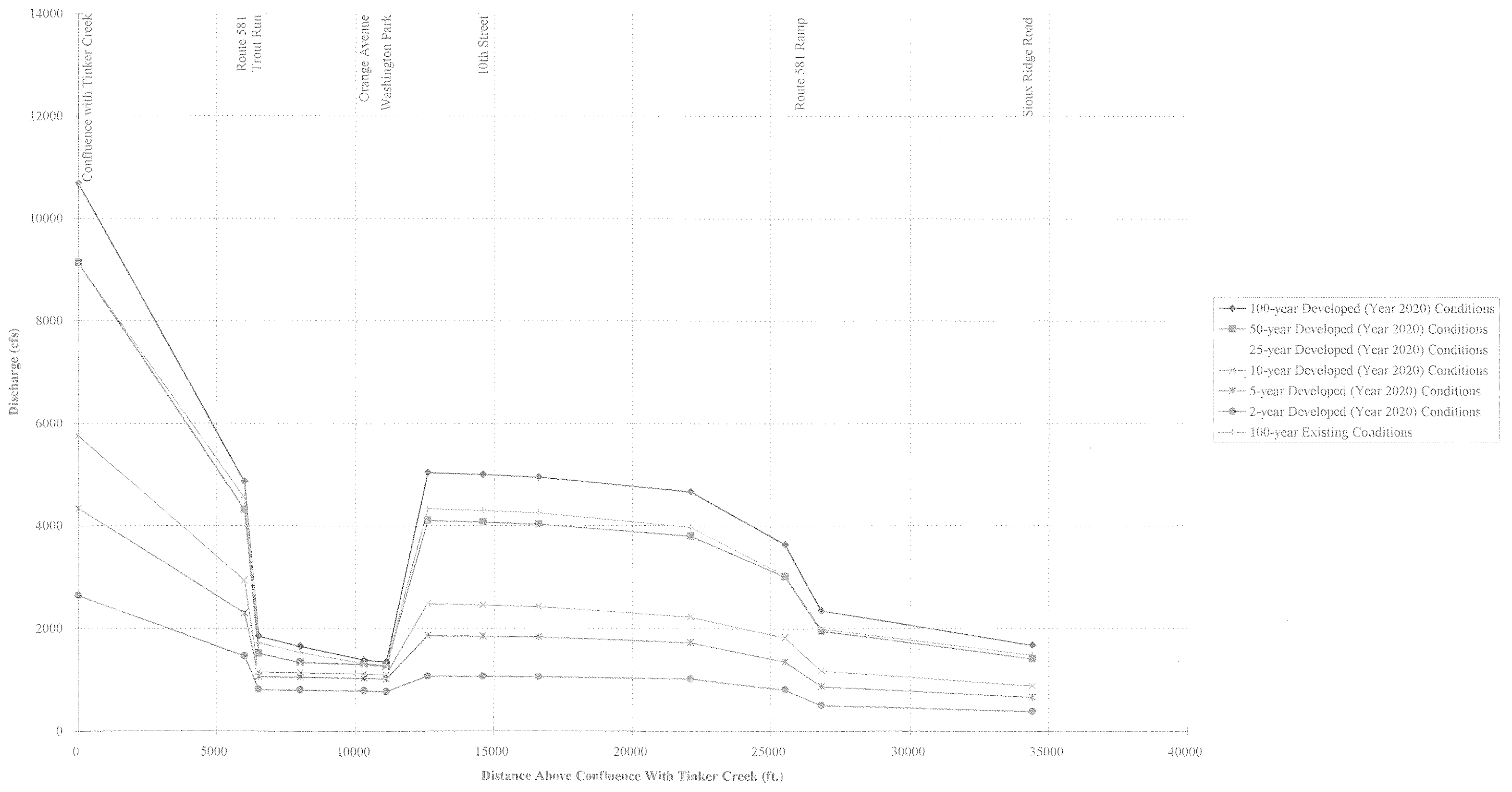
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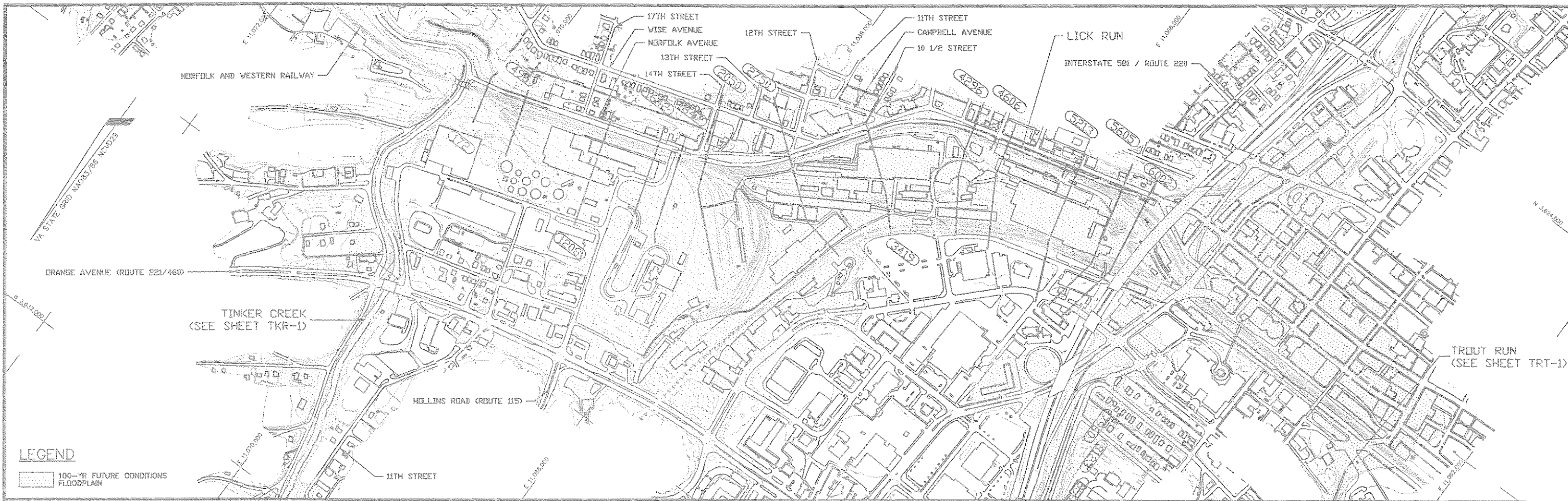
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Sheet: **1** of 1
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Lick Run





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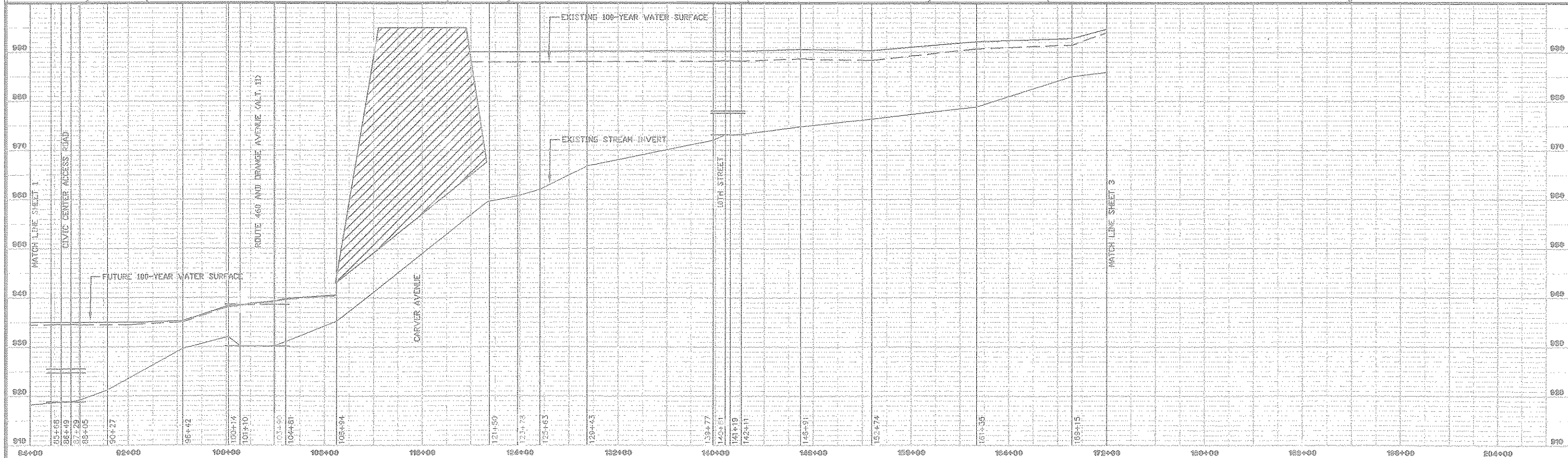
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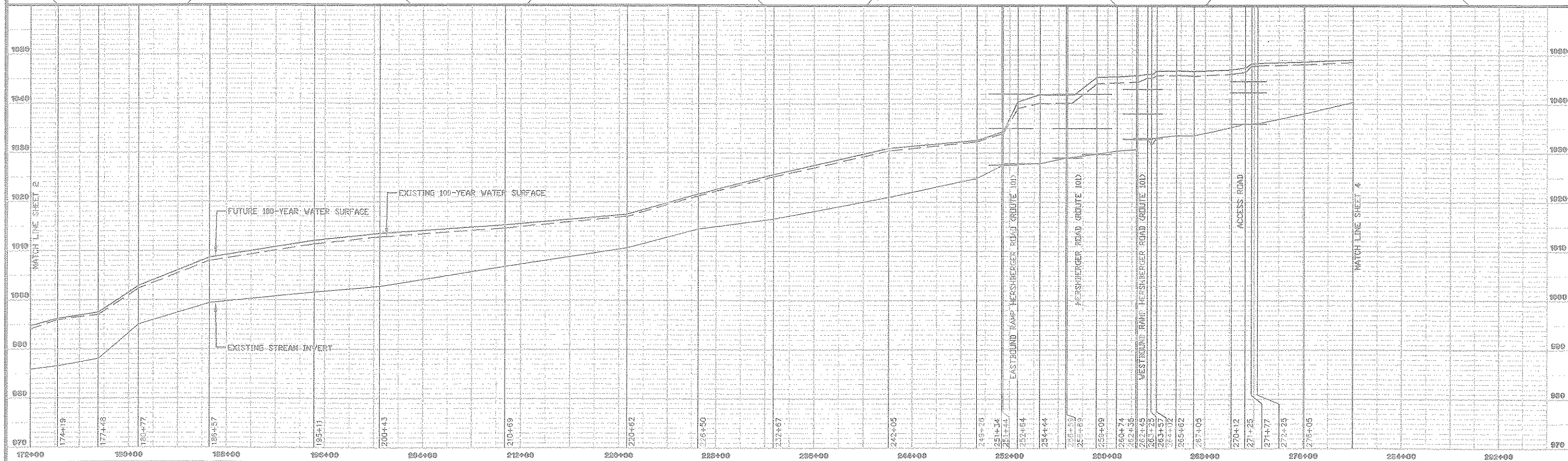
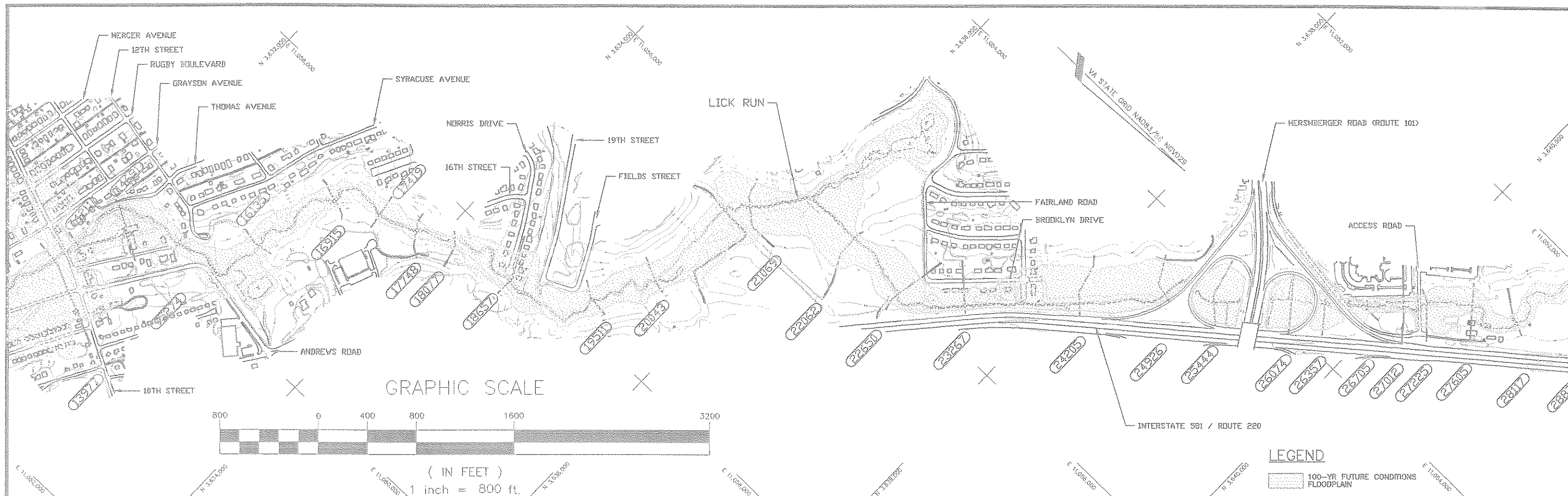
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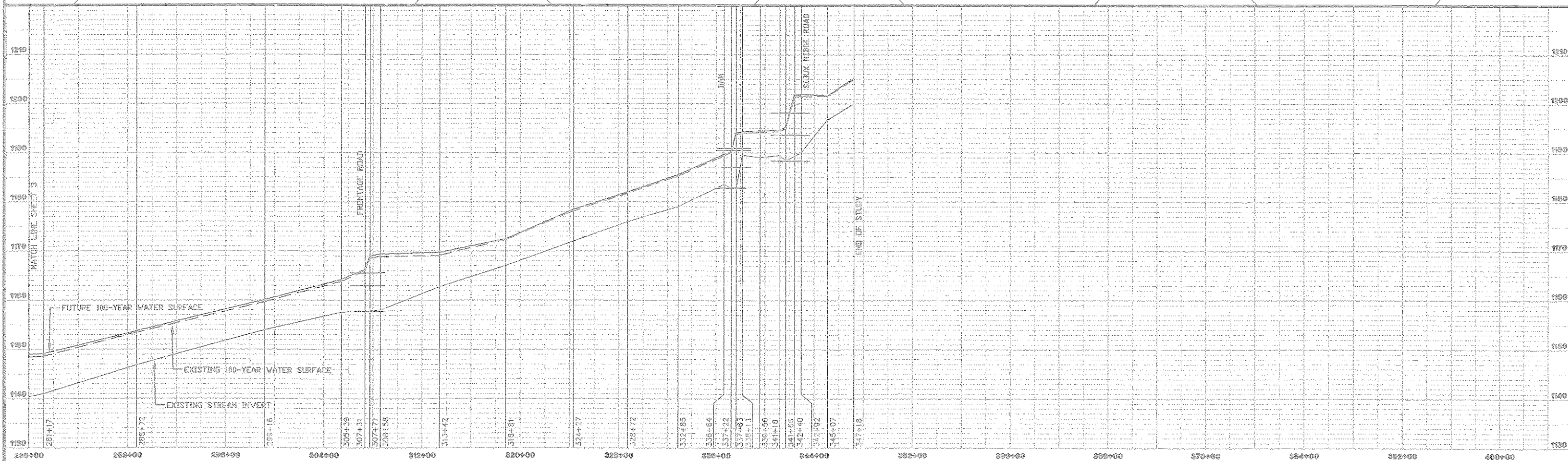
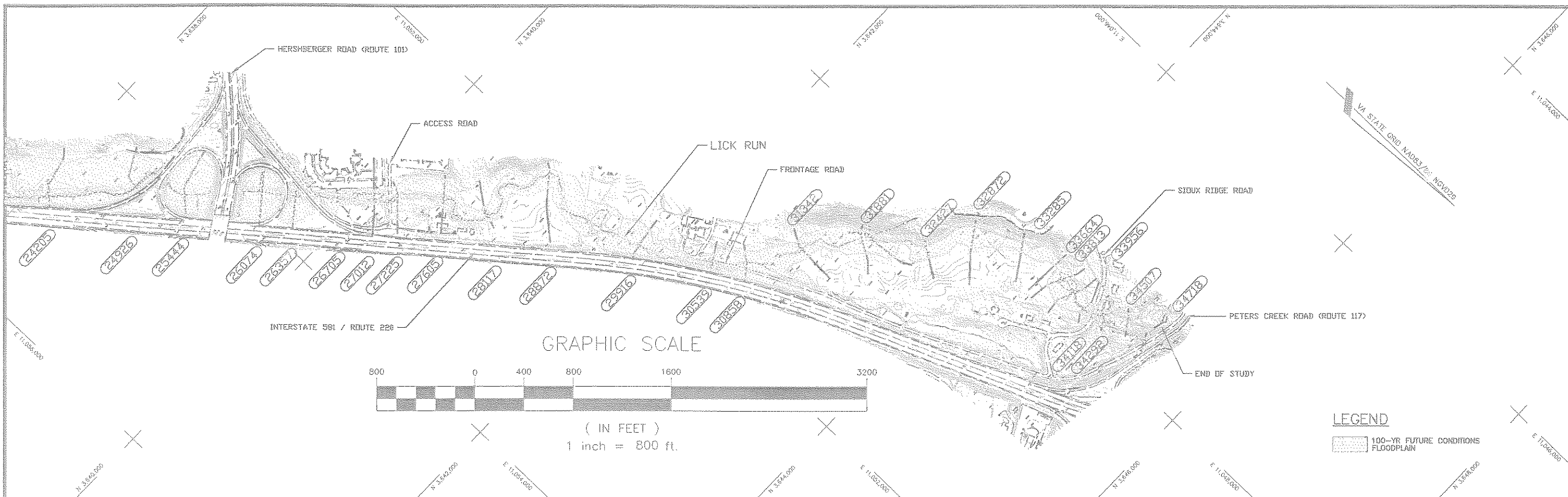
LICK RUN
LICK RUN WATERSHED

FIFTH PLANNING DISTRICT
 ROANOKE, VIRGINIA

ROANOKE VALLEY REGIONAL
STORMWATER MANAGEMENT PLAN

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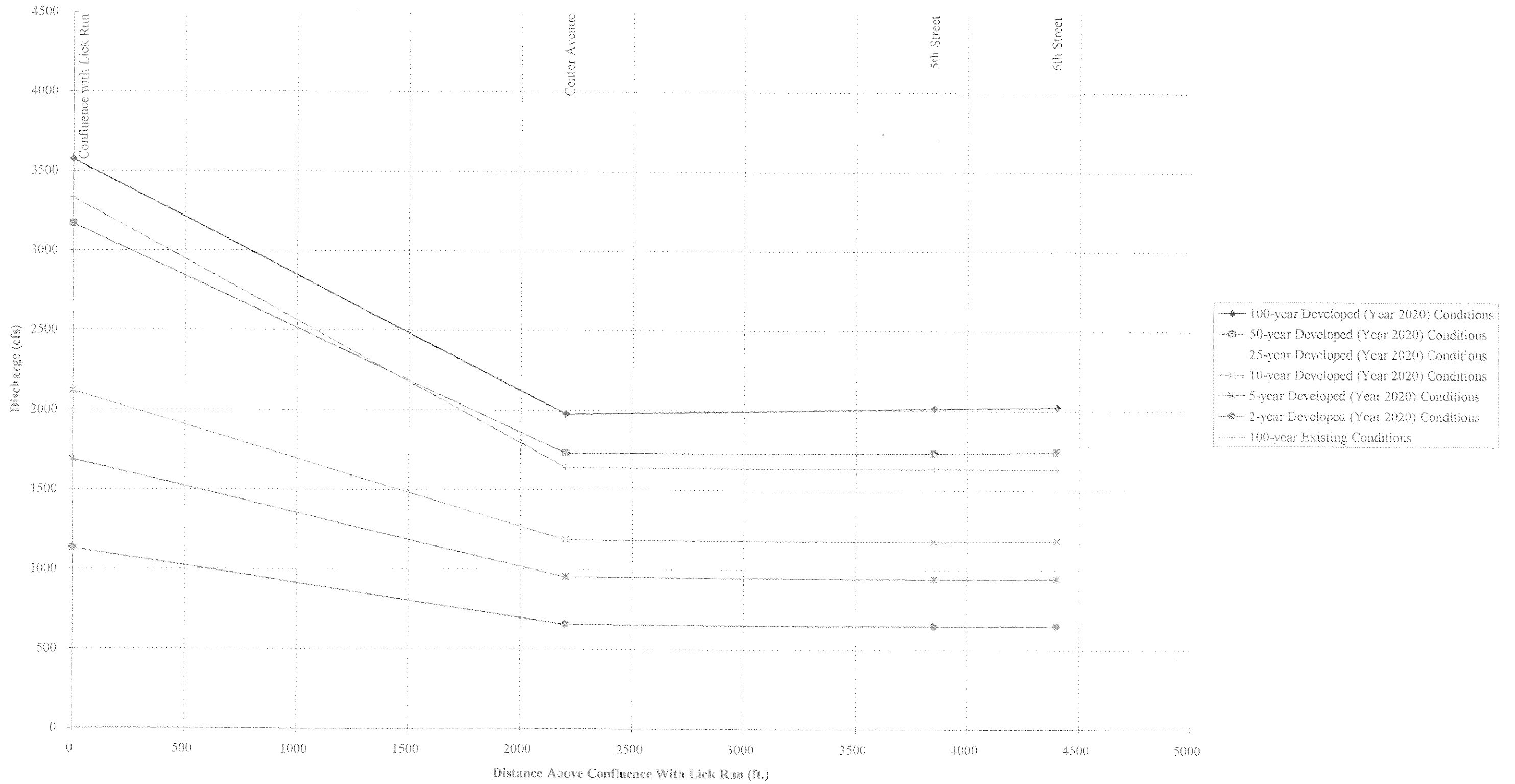
ROANOKE, VIRGINIA

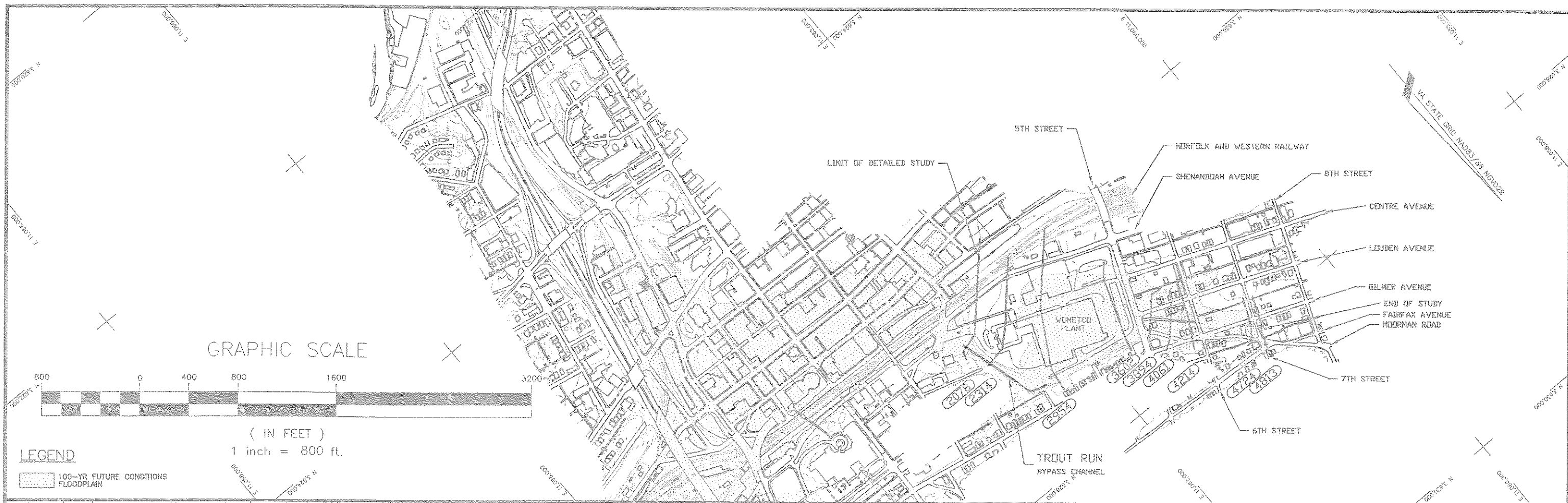
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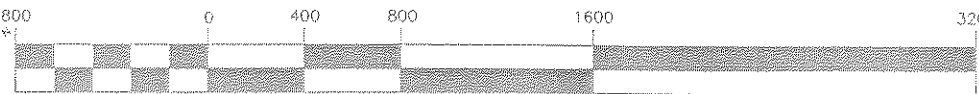
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Trout Run





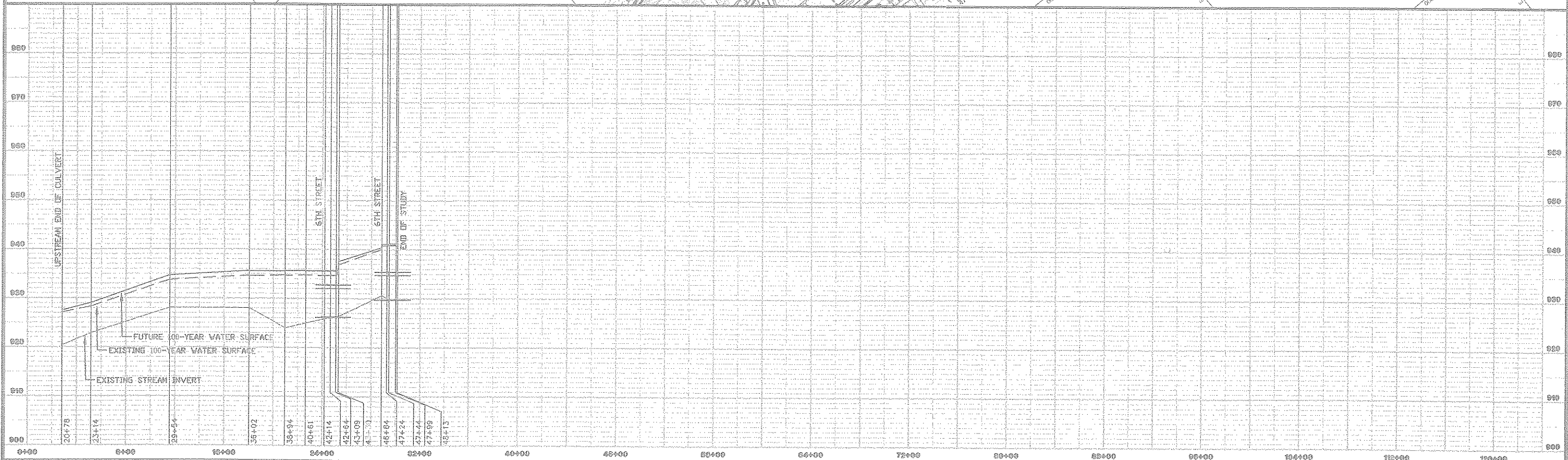
GRAPHIC SCALE



(IN FEET)
1 inch = 800 ft.

LEGEND

100-YR FUTURE CONDITIONS FLOODPLAIN



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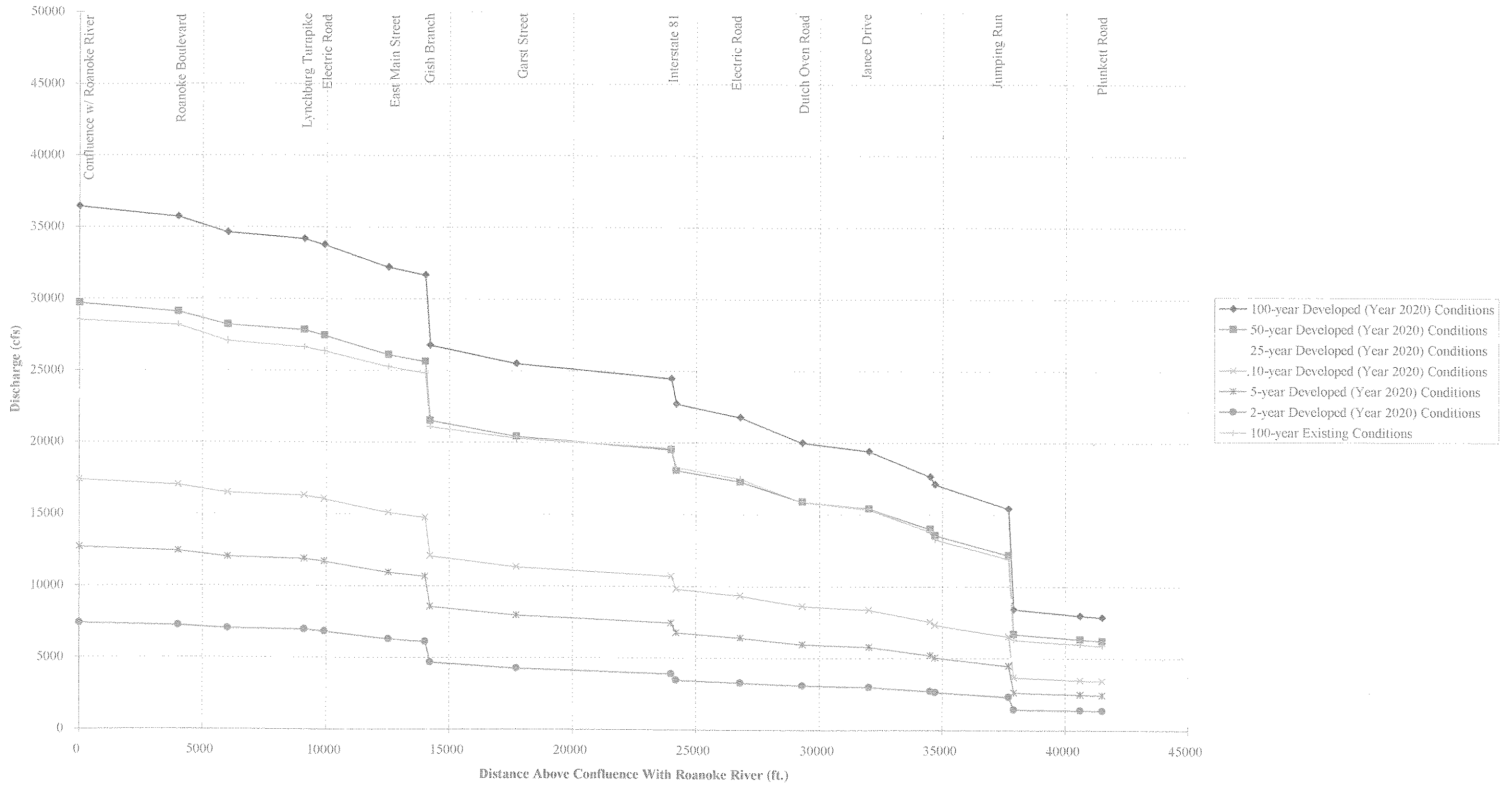
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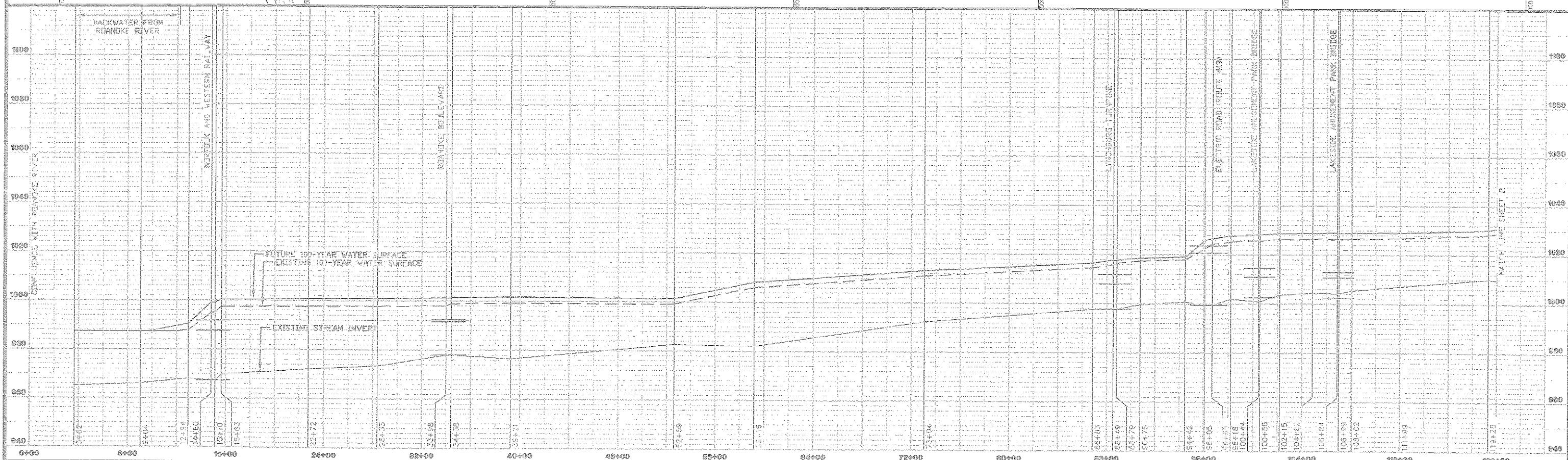
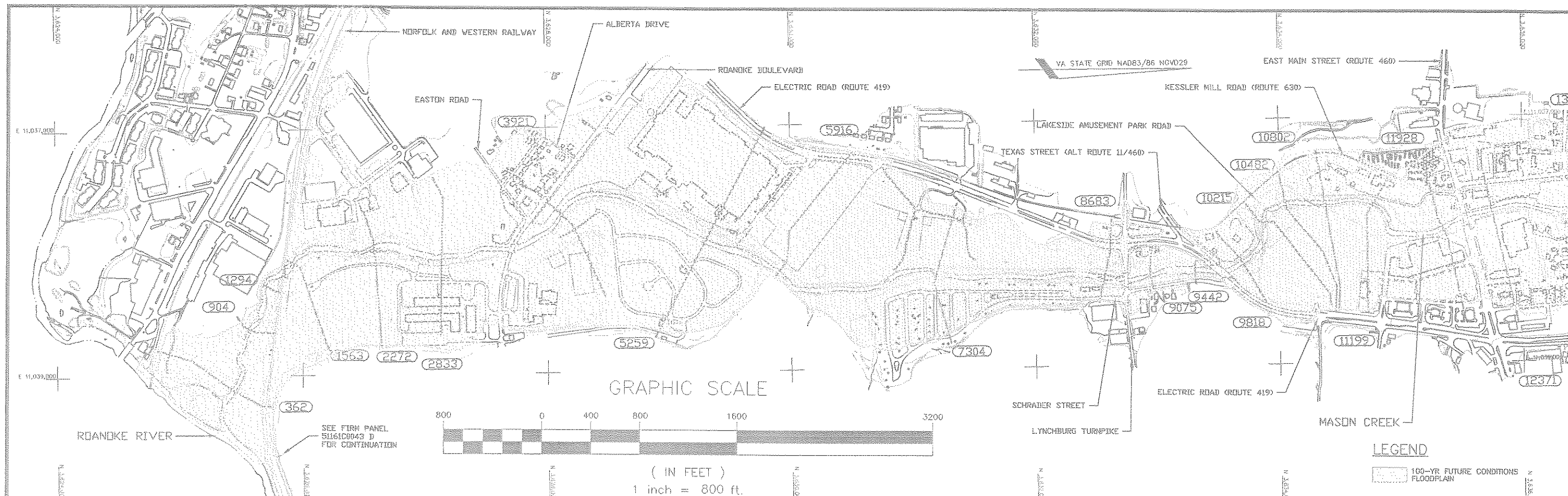
FIFTH PLANNING DISTRICT

ROANOKE, VIRGINIA



Mason Creek





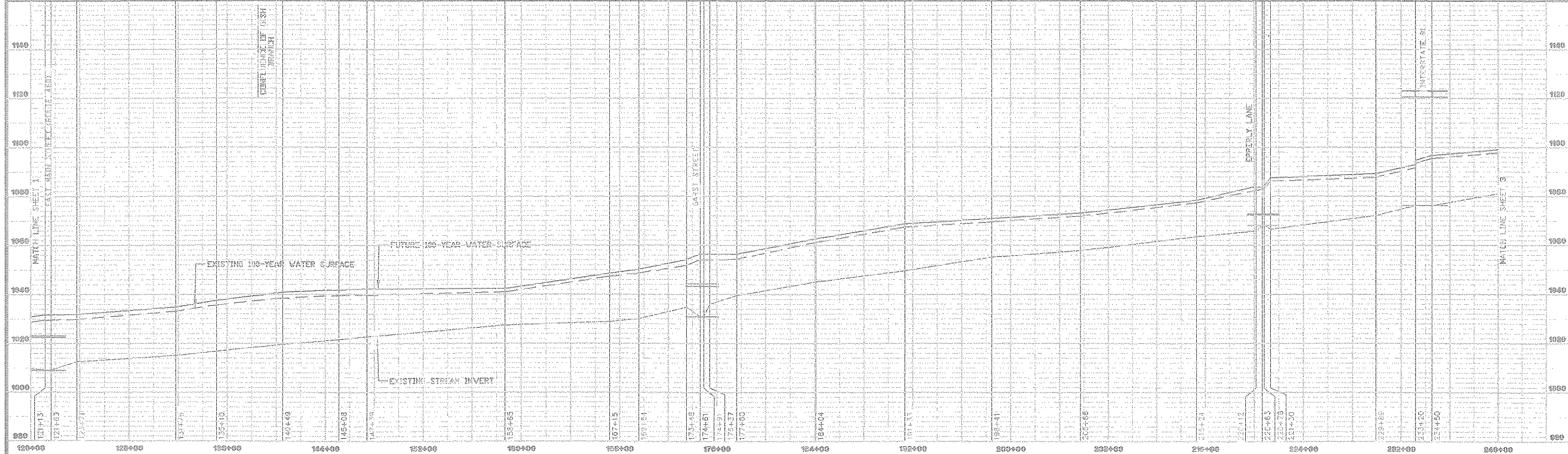
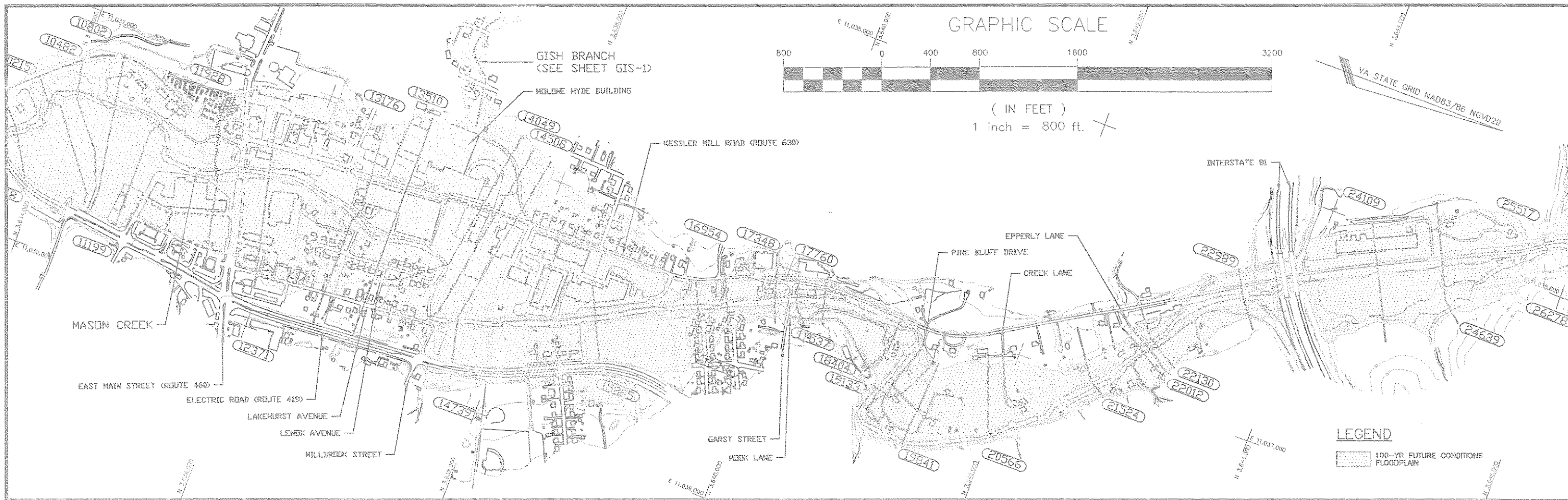
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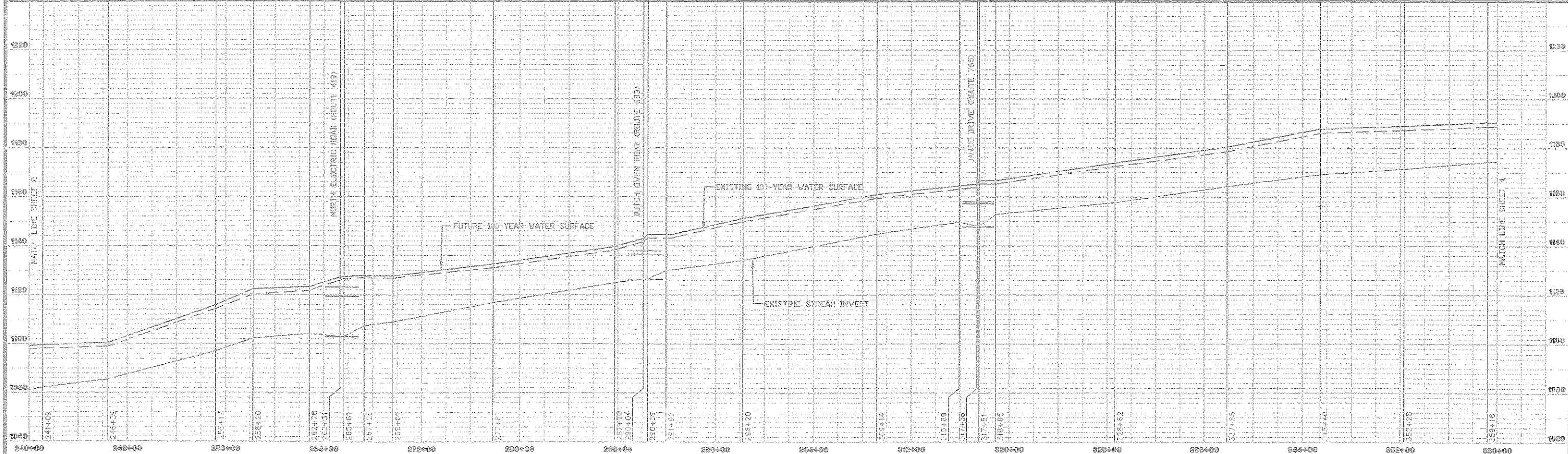
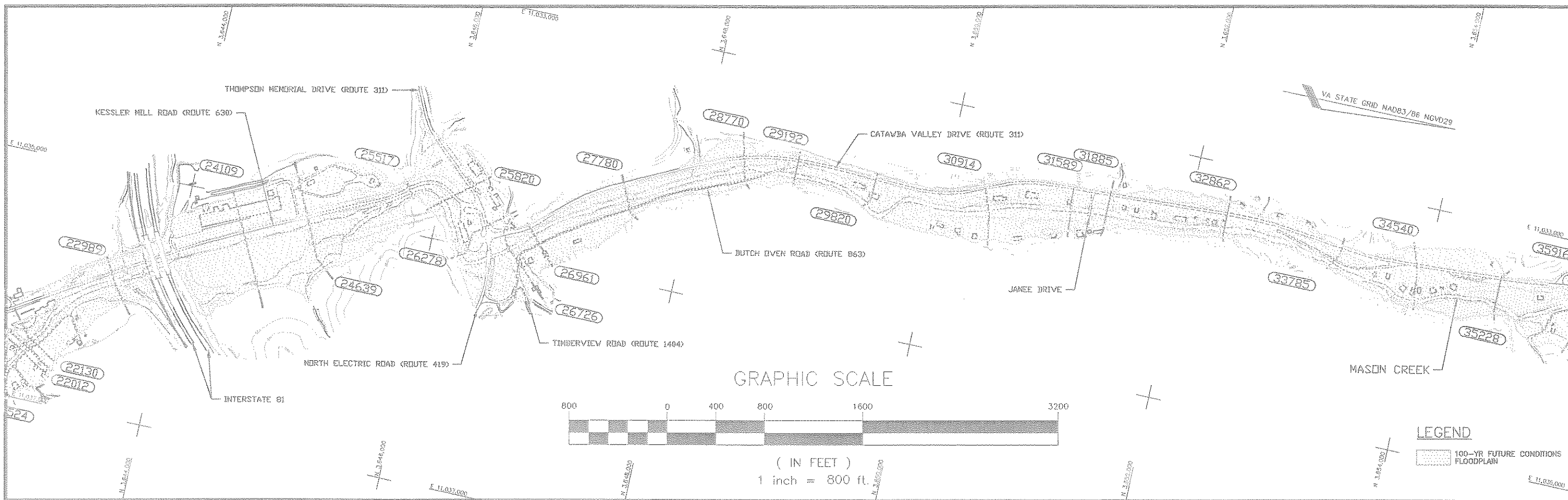
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Sheet: **2** of 4
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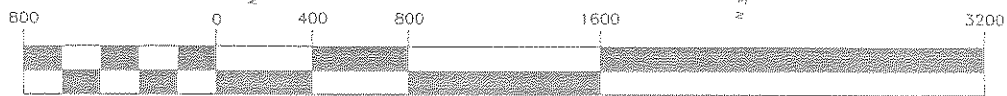
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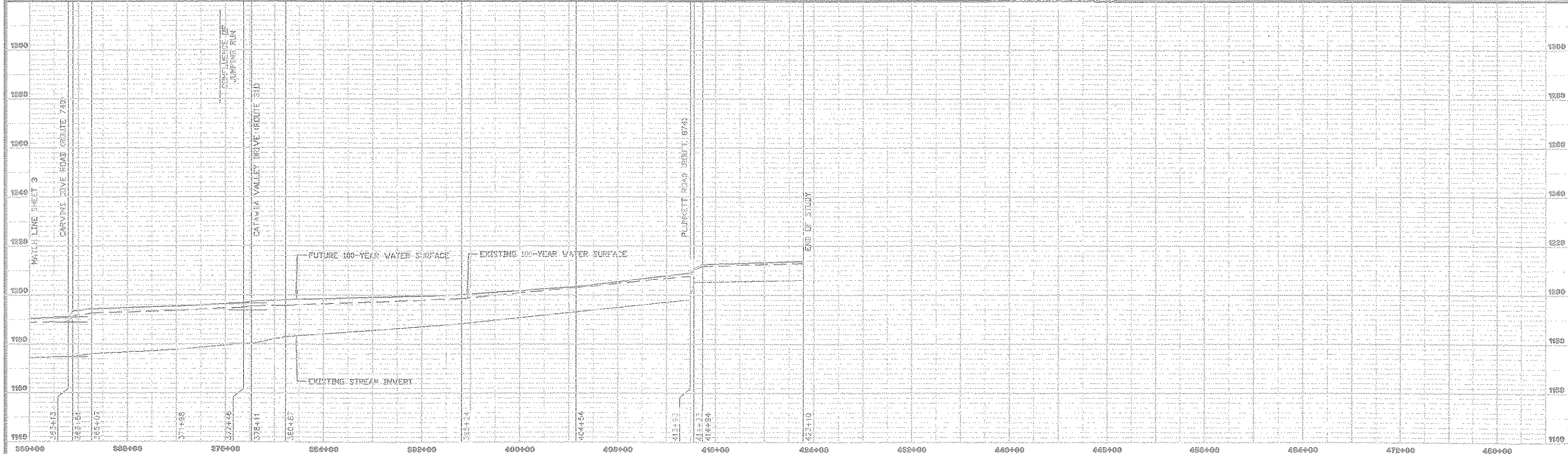
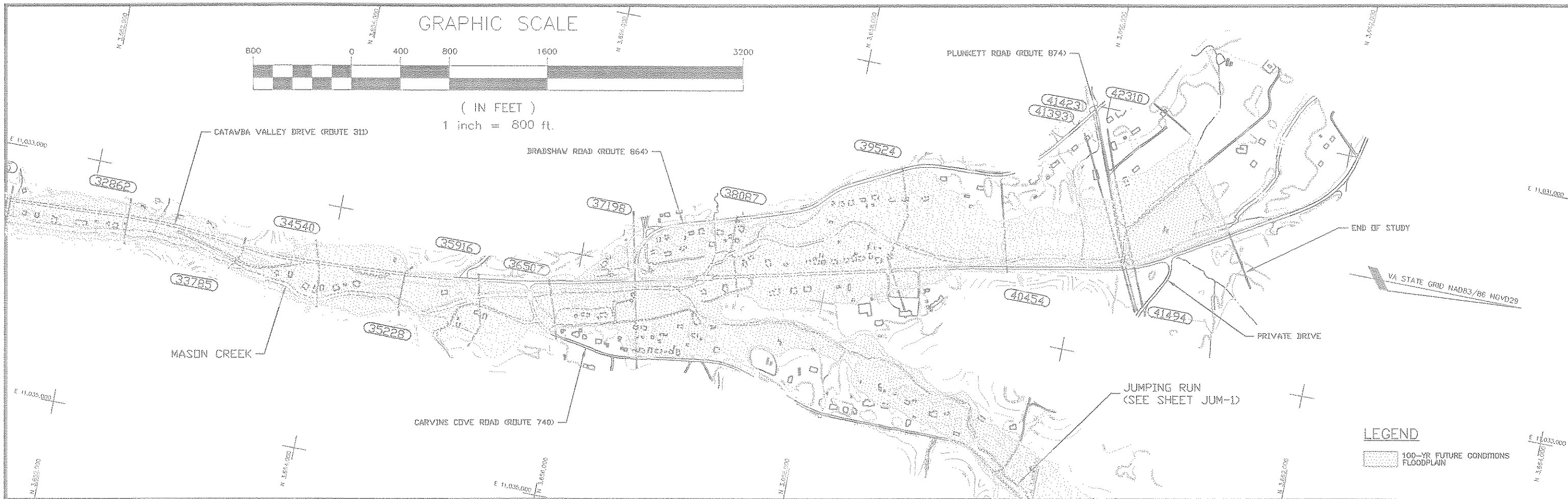
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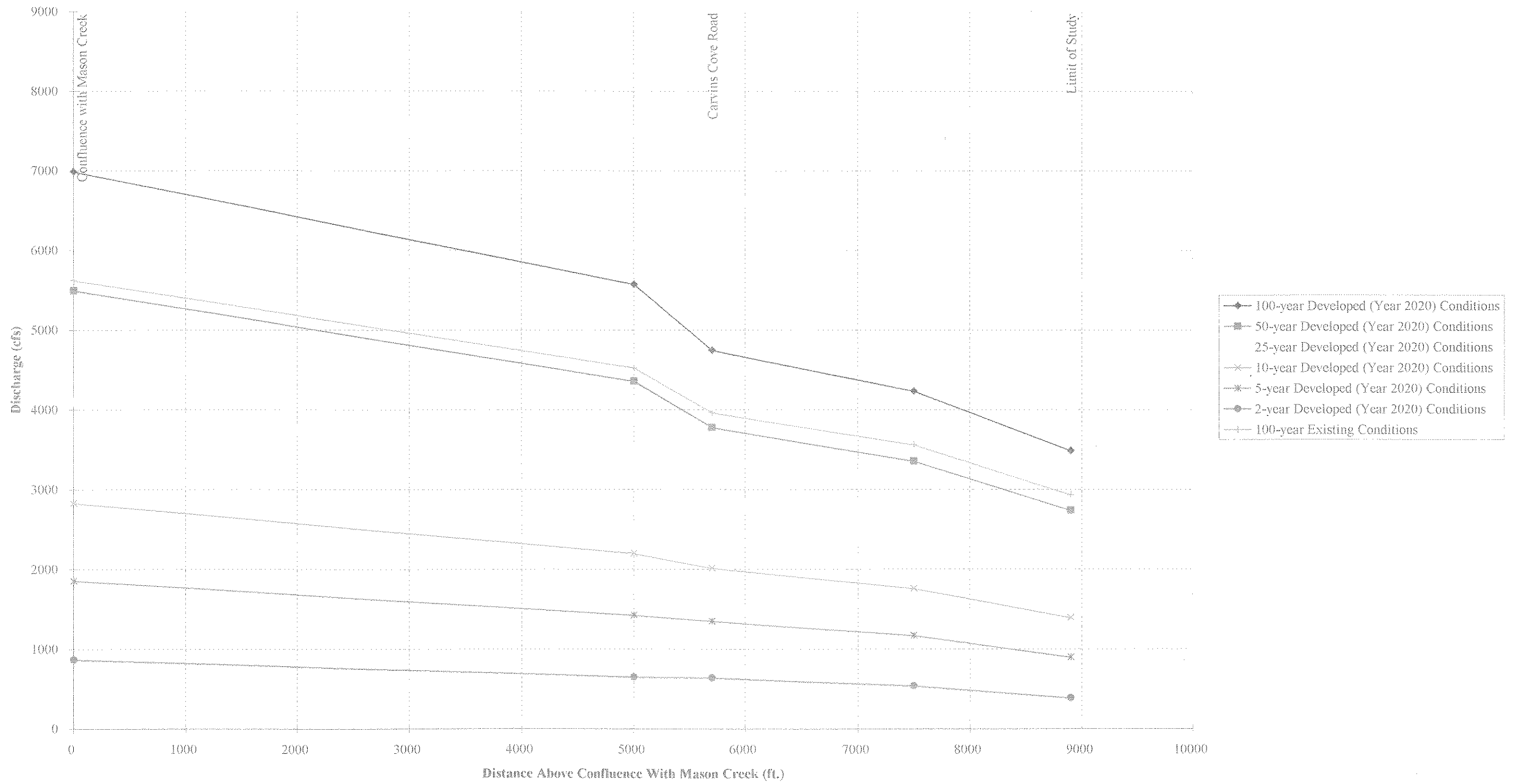
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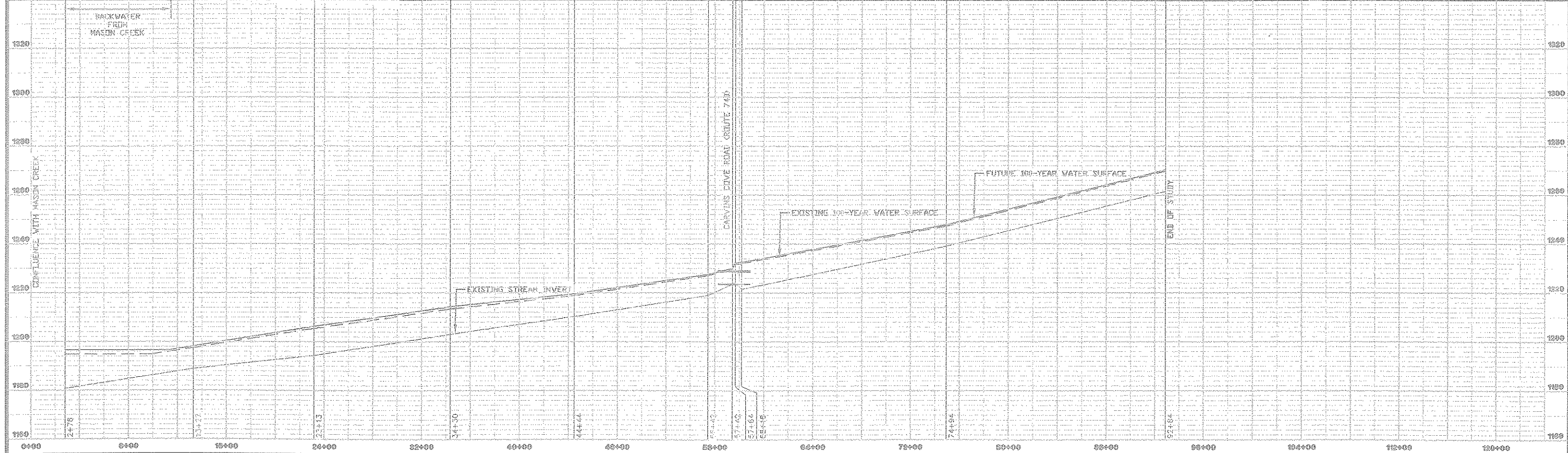
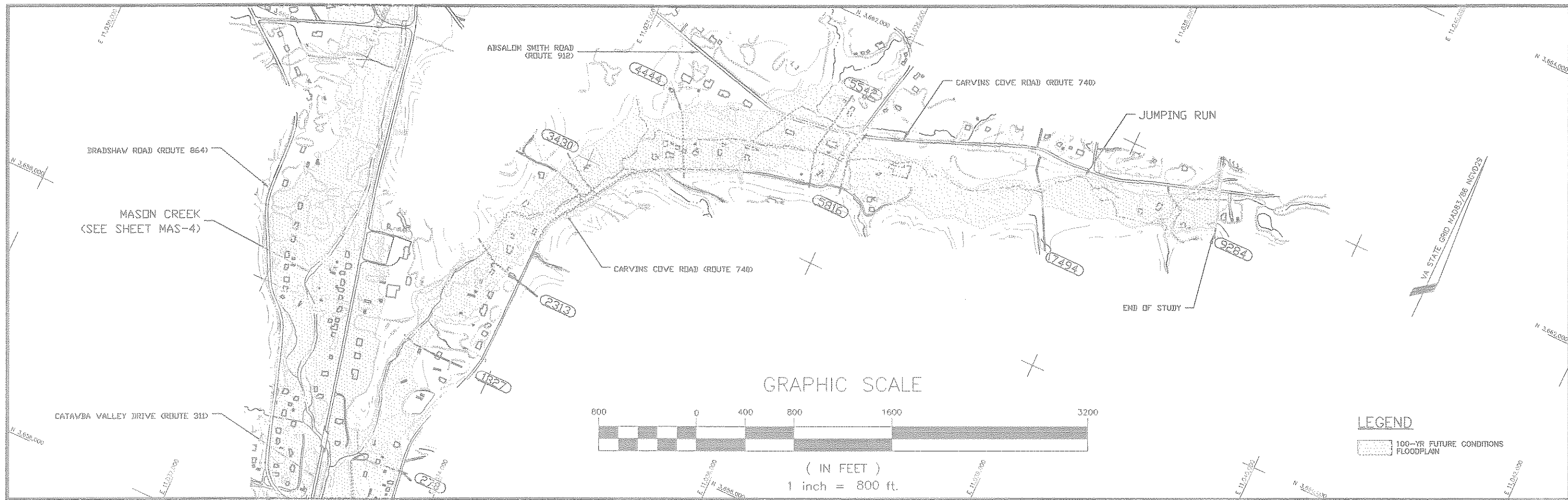
ROANOKE, VIRGINIA

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4 of 4
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Jumping Run Creek





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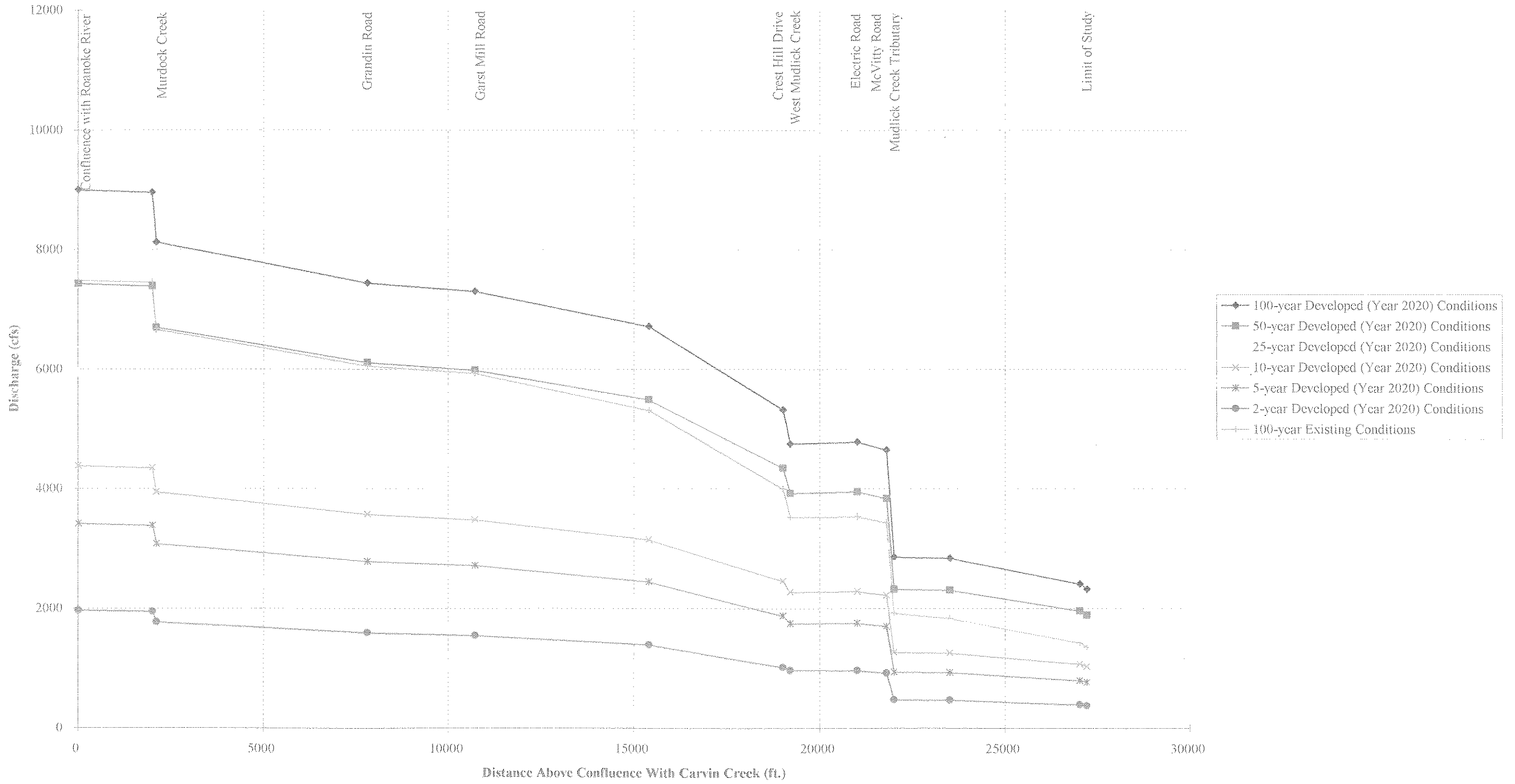
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 STORMWATER MANAGEMENT PLAN

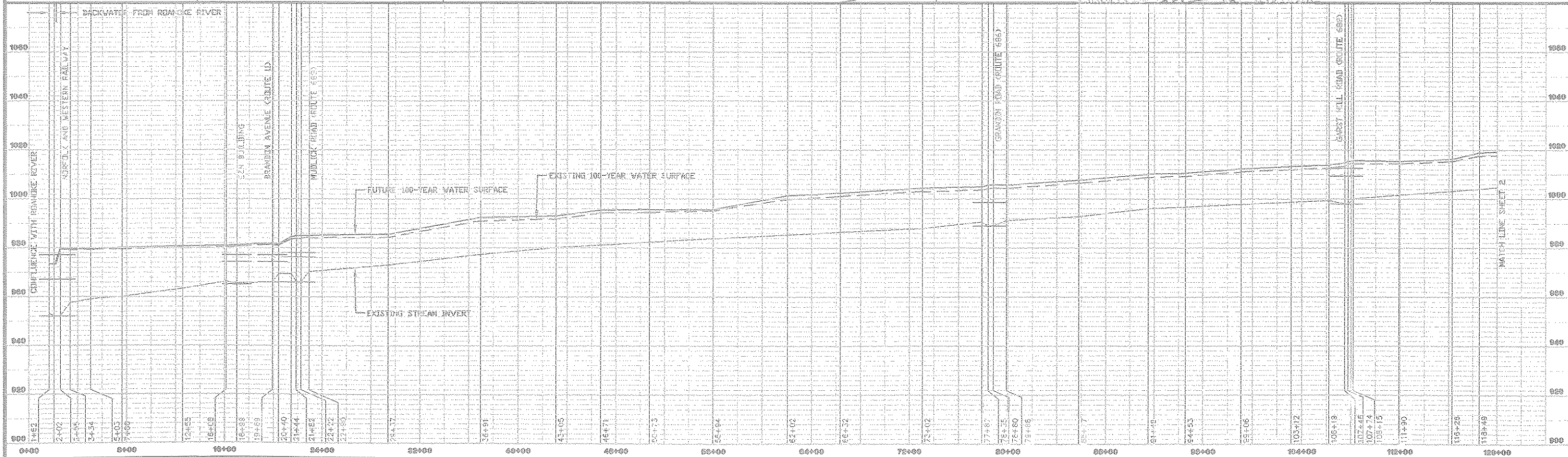
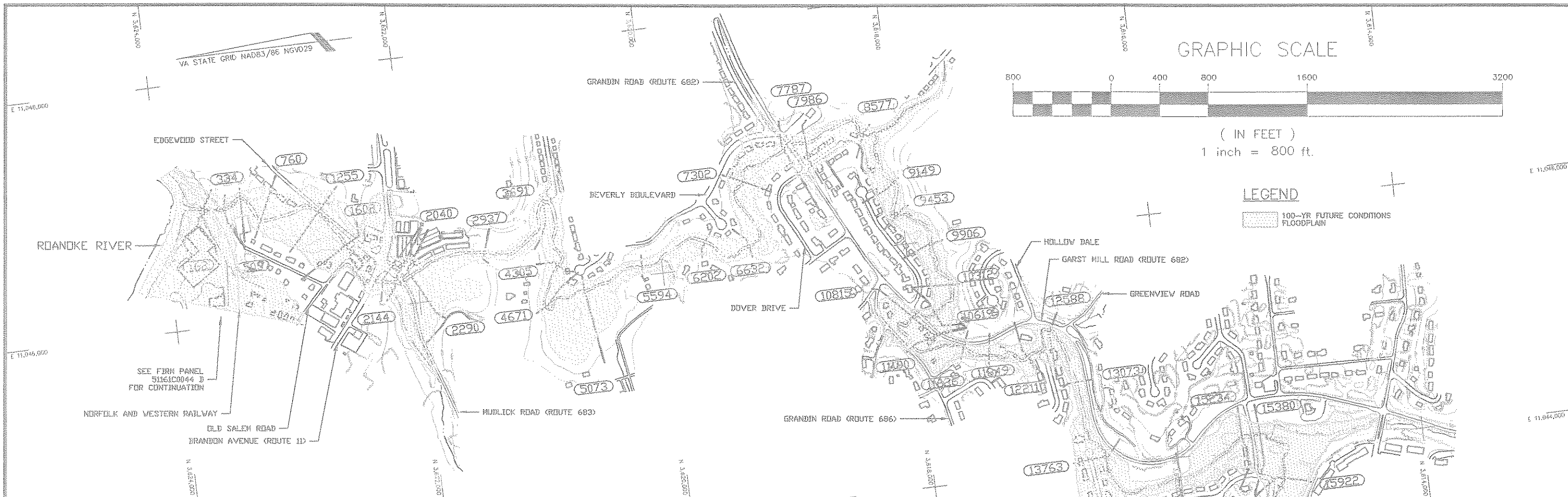
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Mudlick Creek





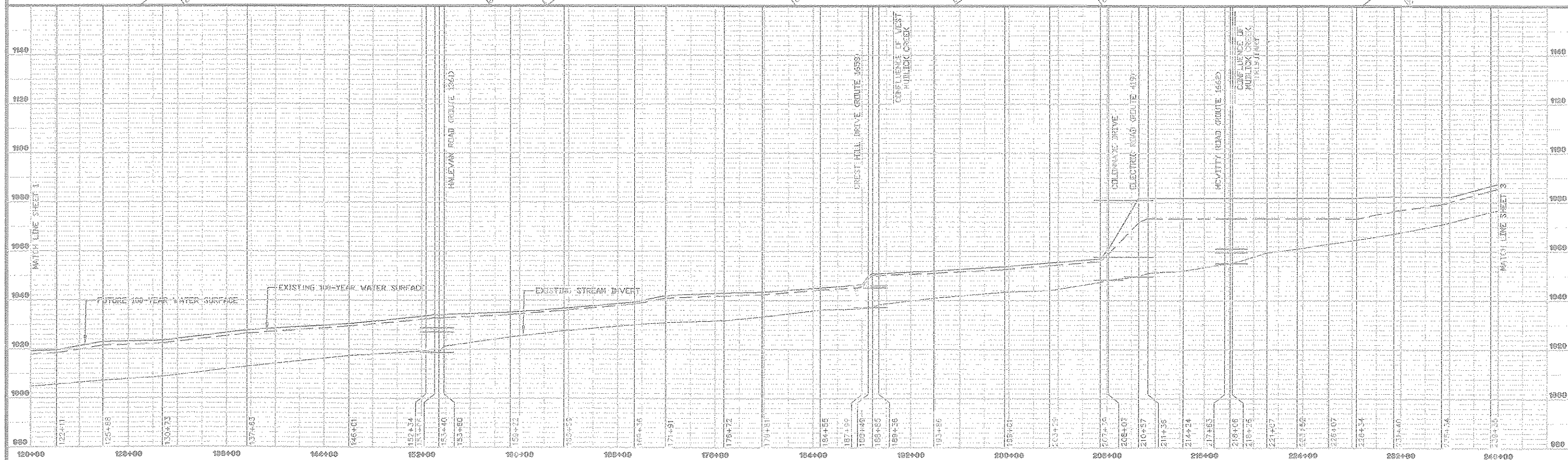
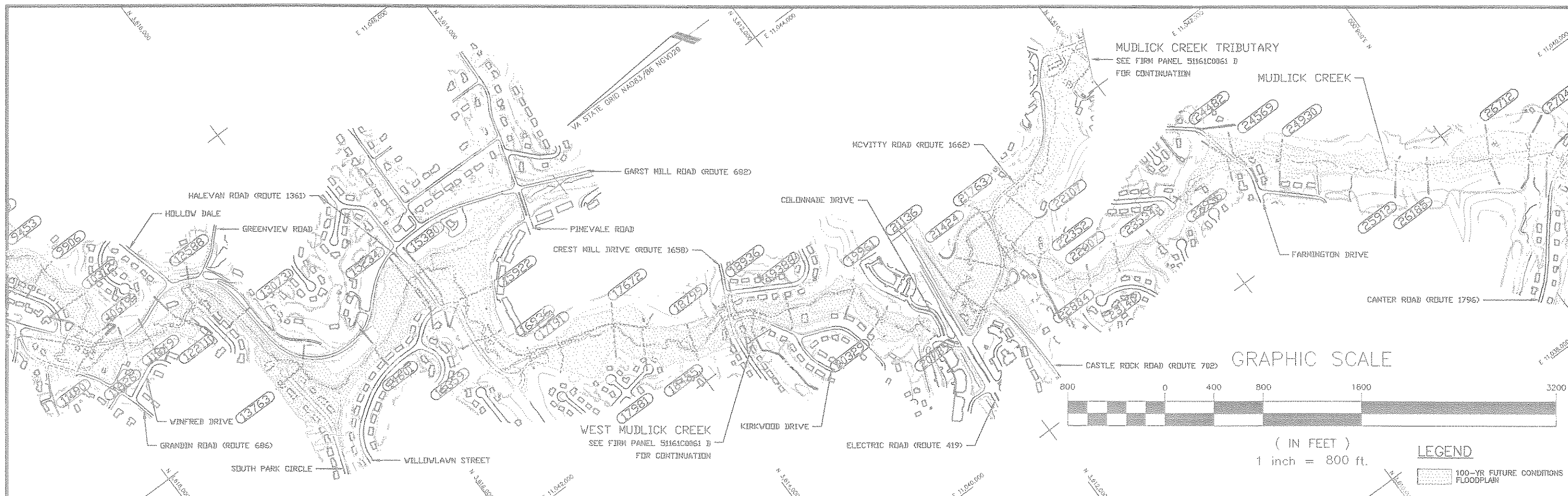
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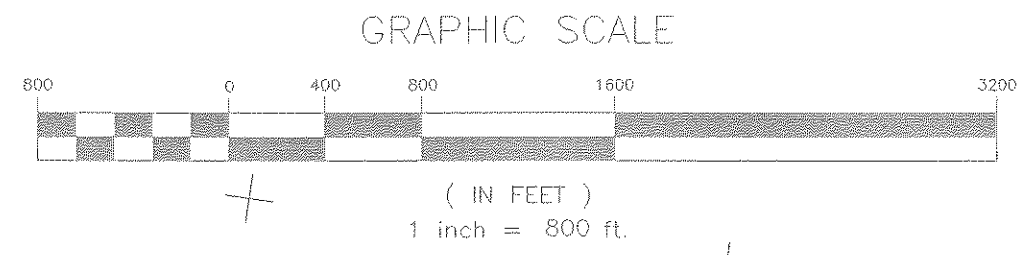
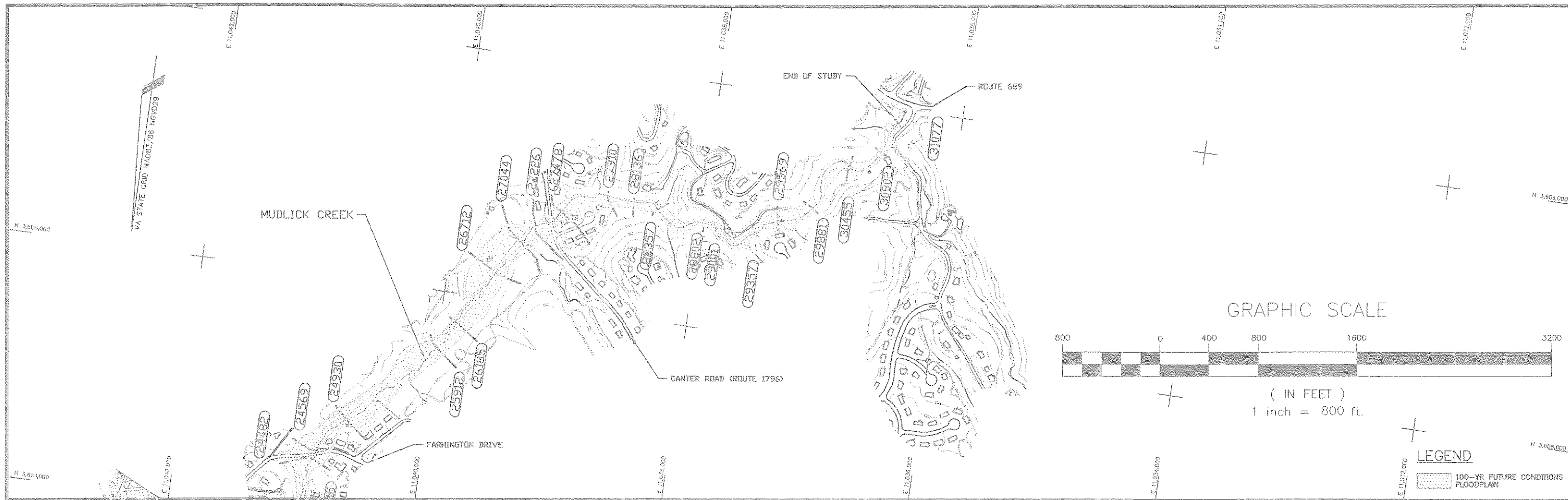
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MUDLICK CREEK WATERSHED

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 ROANOKE, VIRGINIA

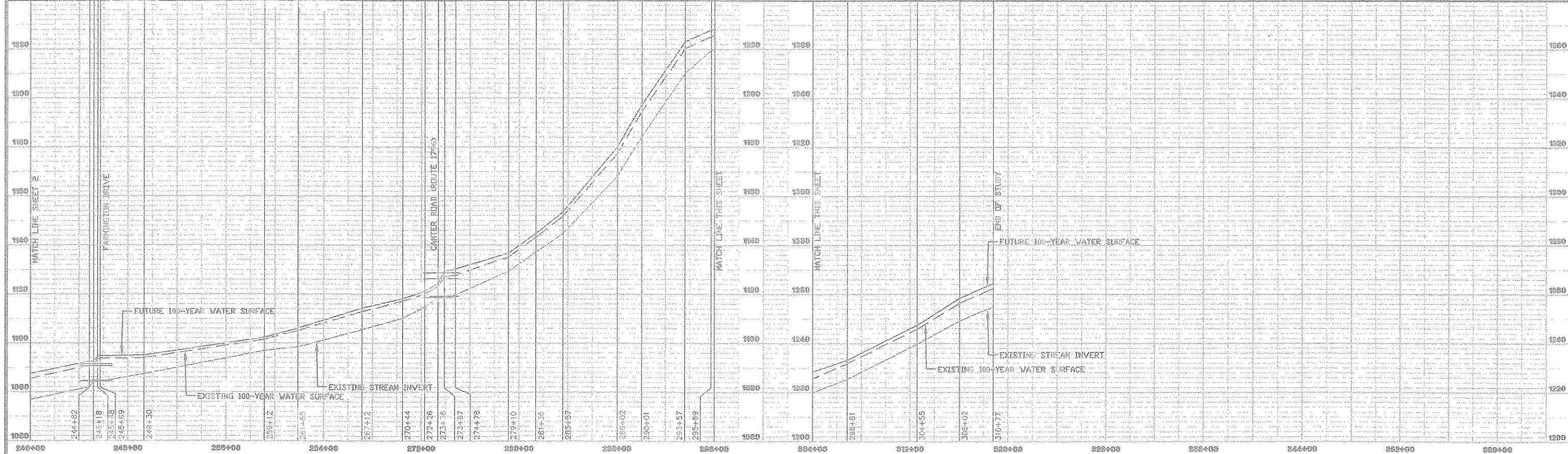
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STORMWATER MANAGEMENT PLAN

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Sheet: **2** of **3**
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LEGEND
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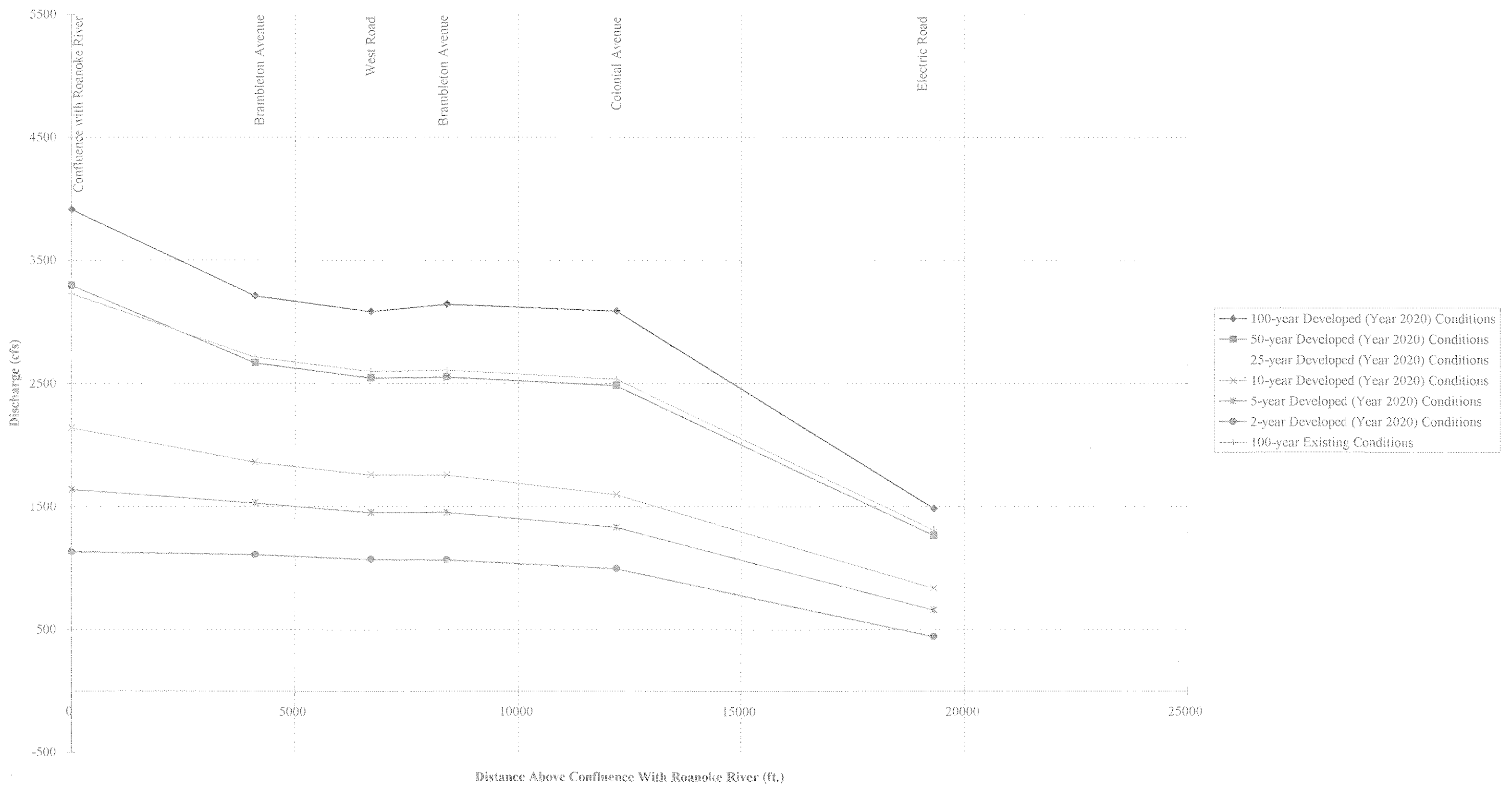
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 ROANOKE, VIRGINIA

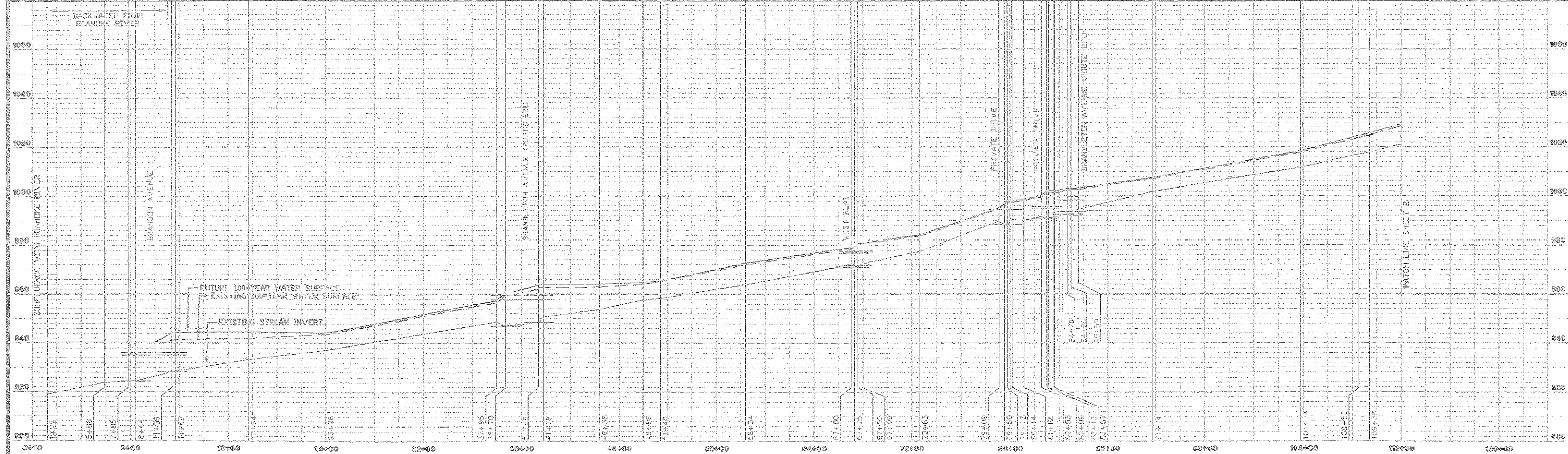
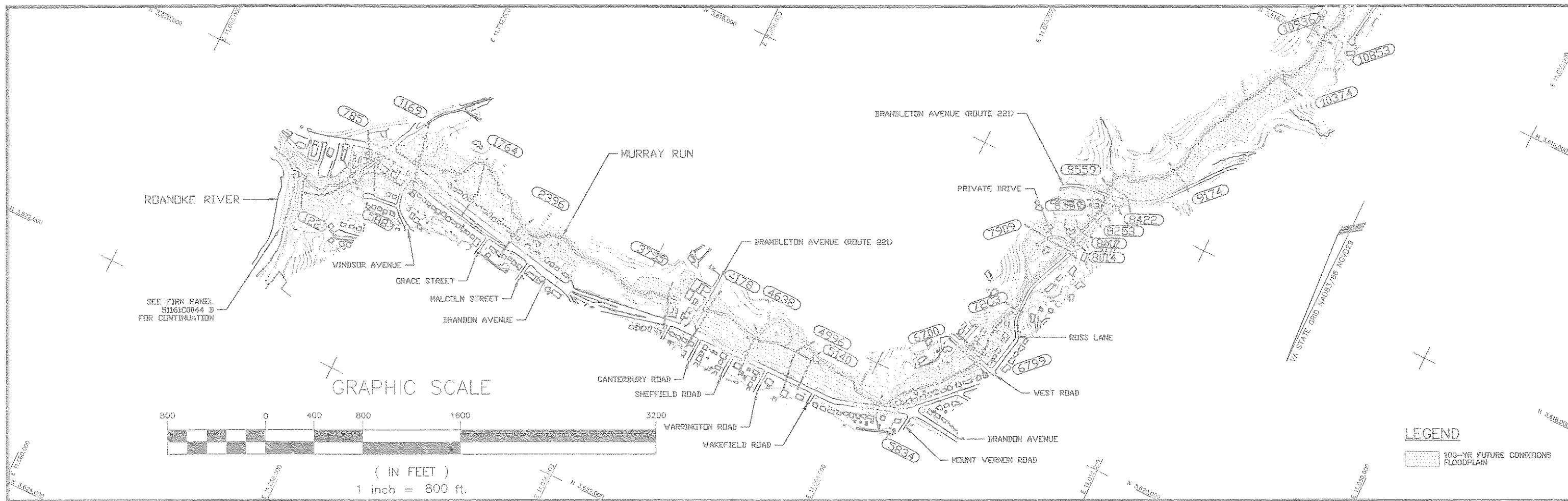
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Murray Run





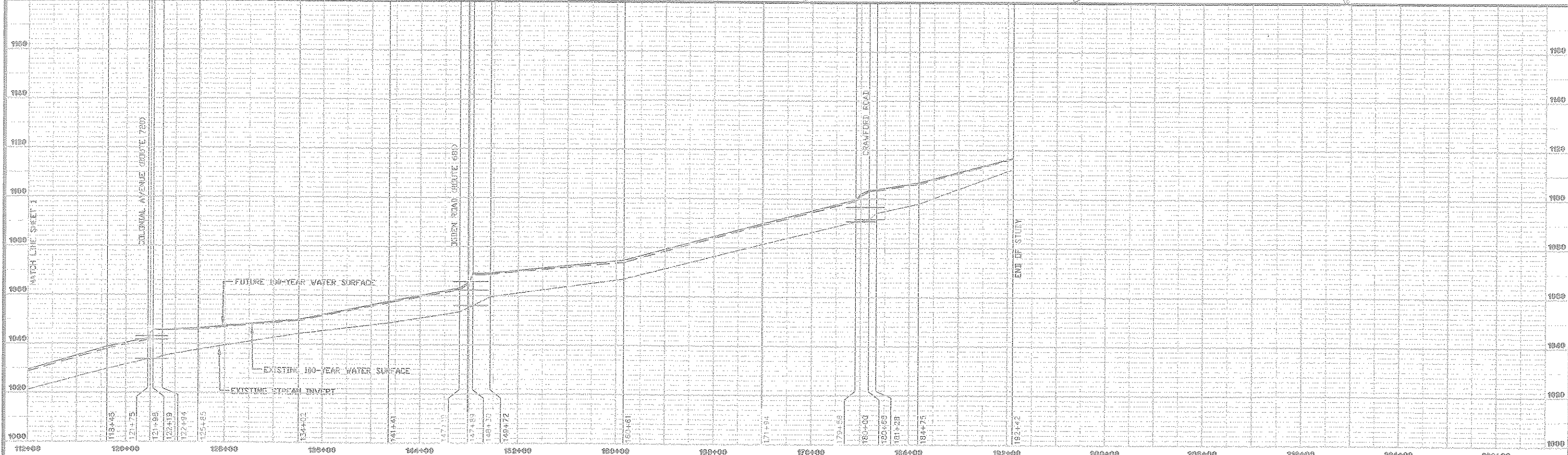
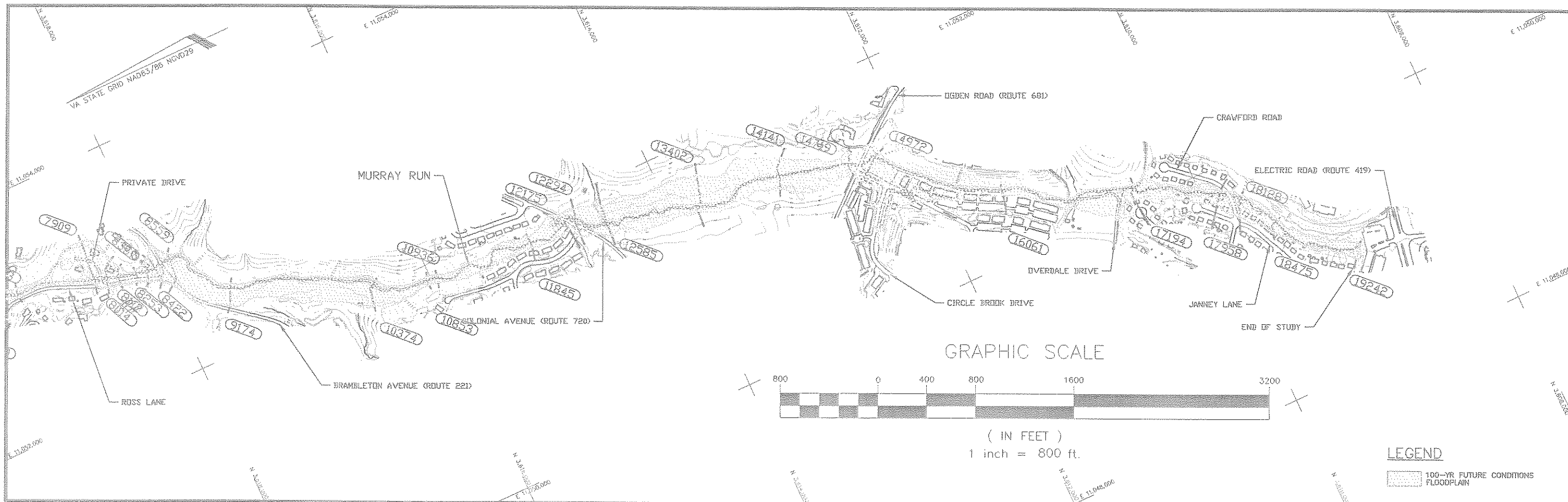
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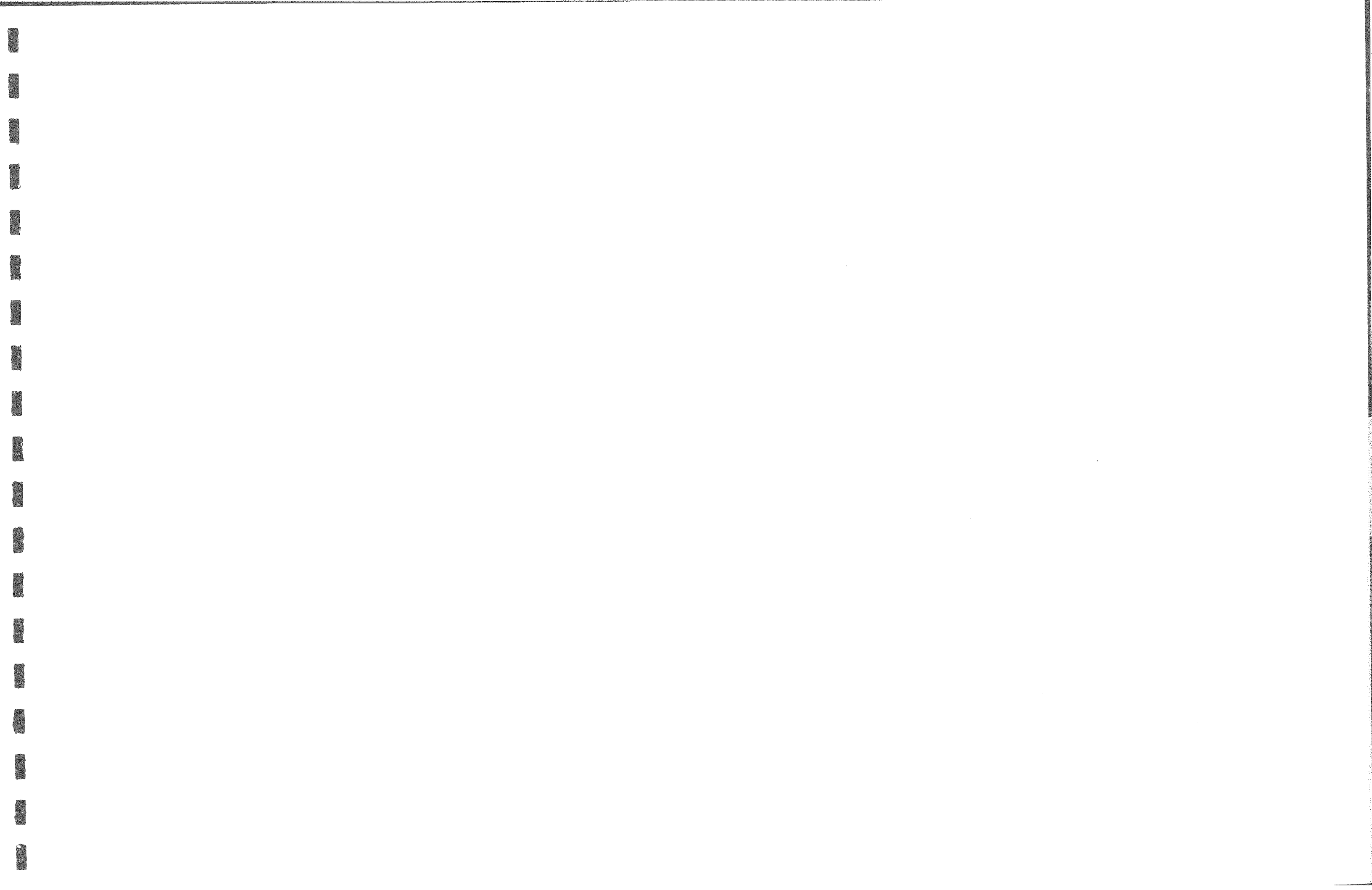
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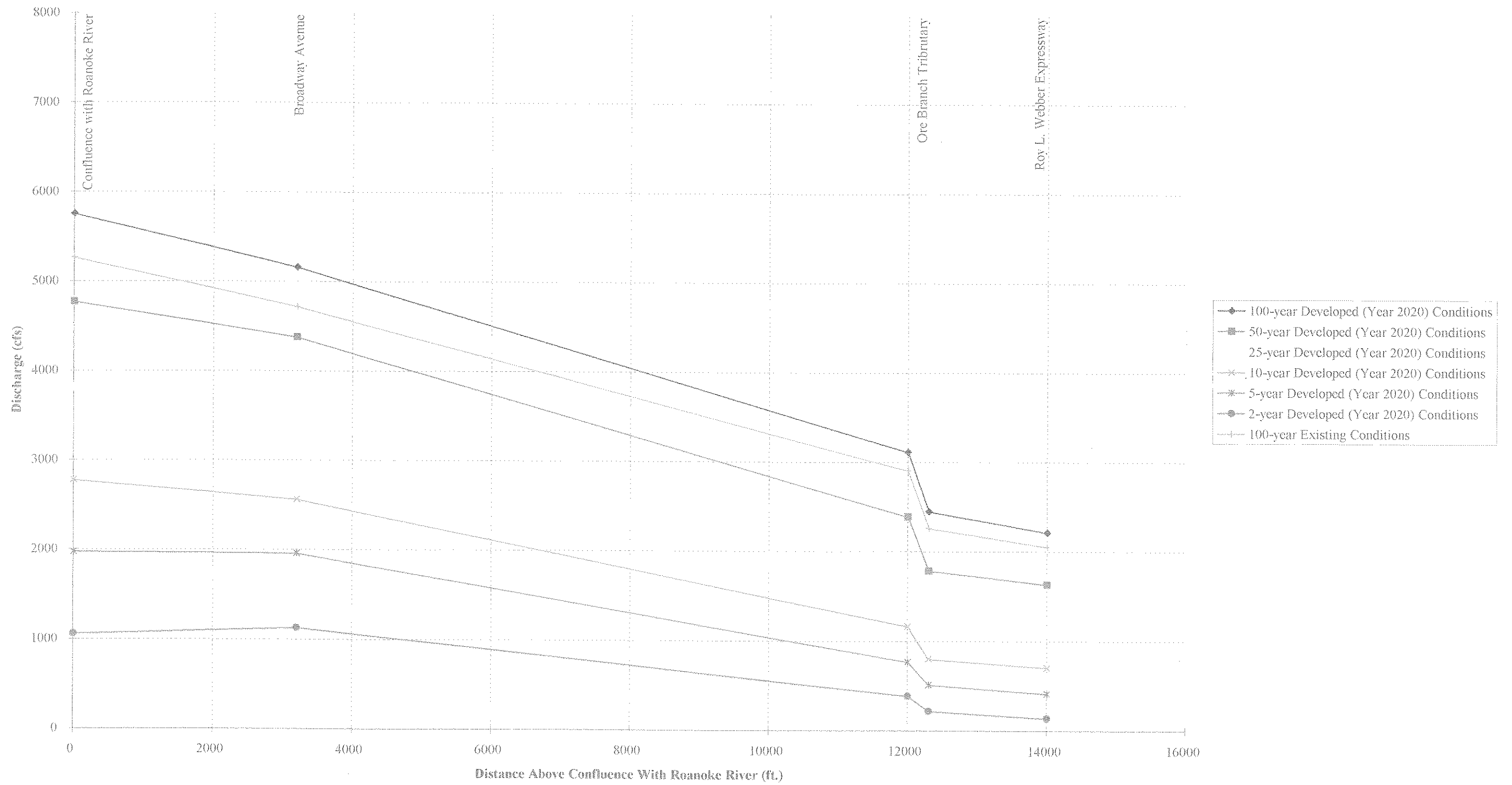
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STORMWATER MANAGEMENT PLAN

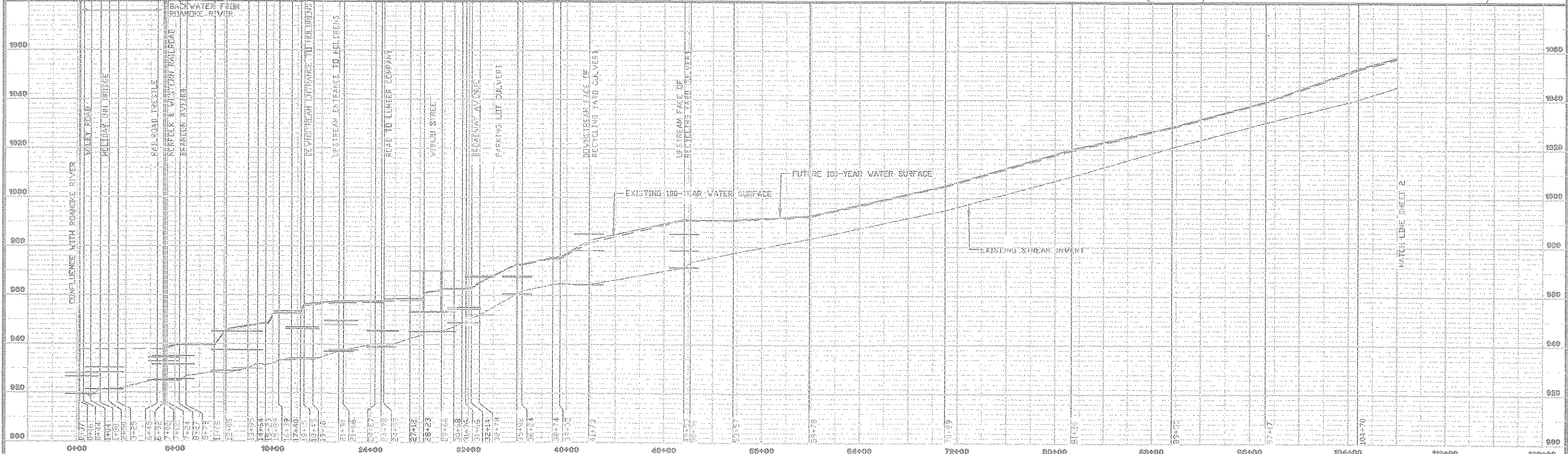
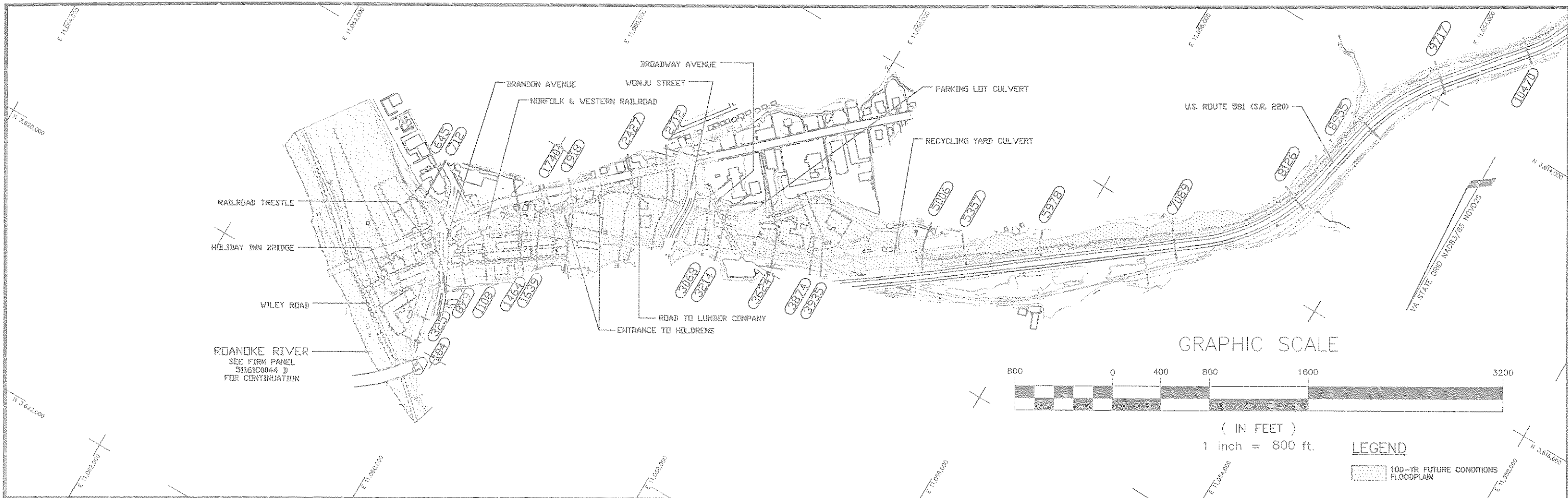
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Ore Branch





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ORE BRANCH WATERSHED

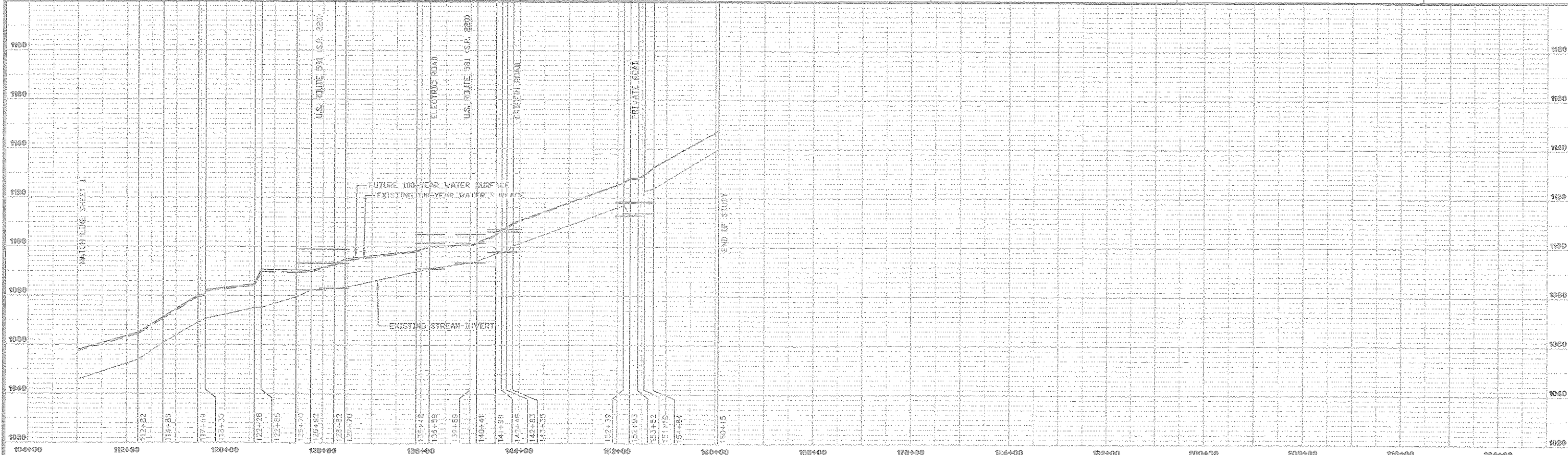
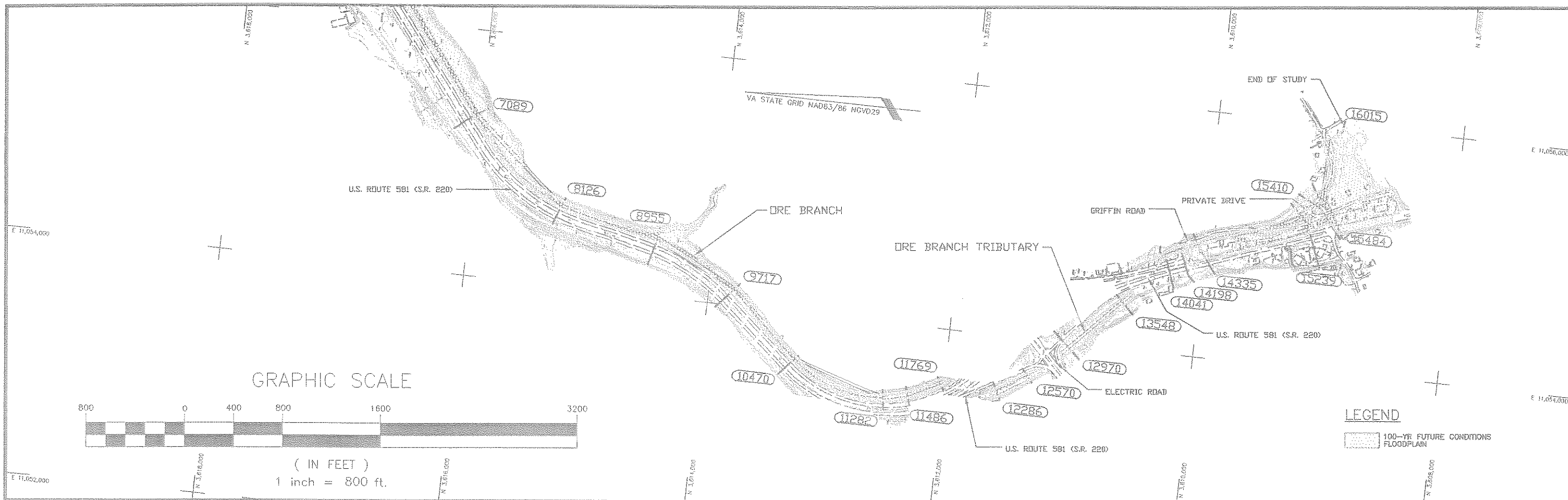
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STORMWATER MANAGEMENT PLAN

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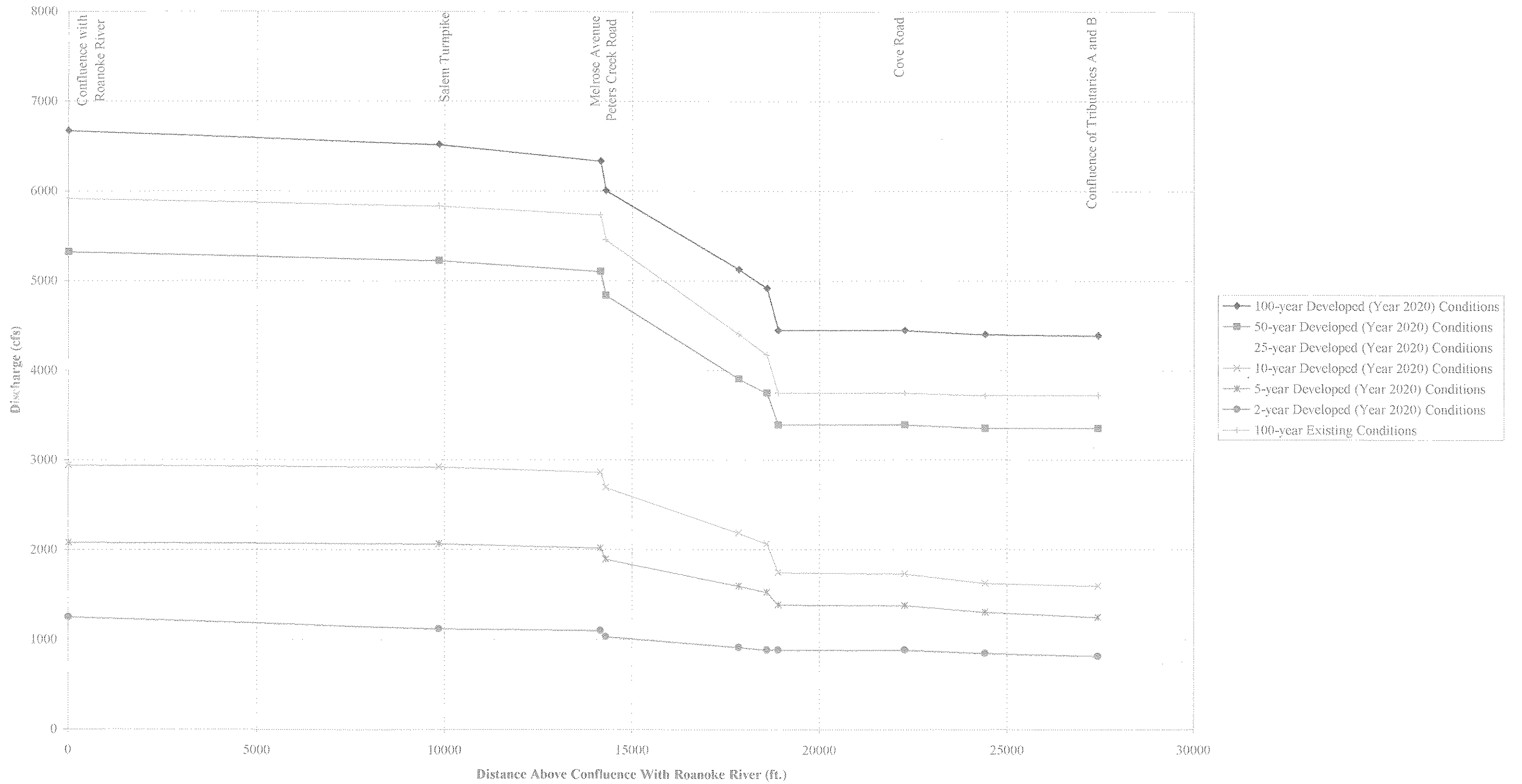
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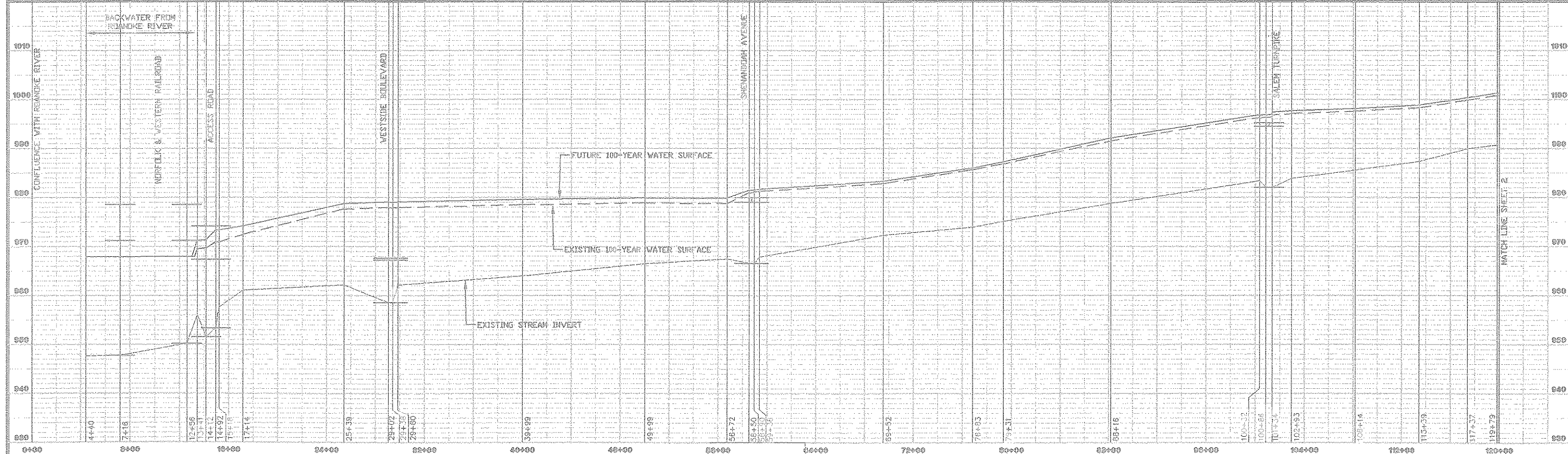
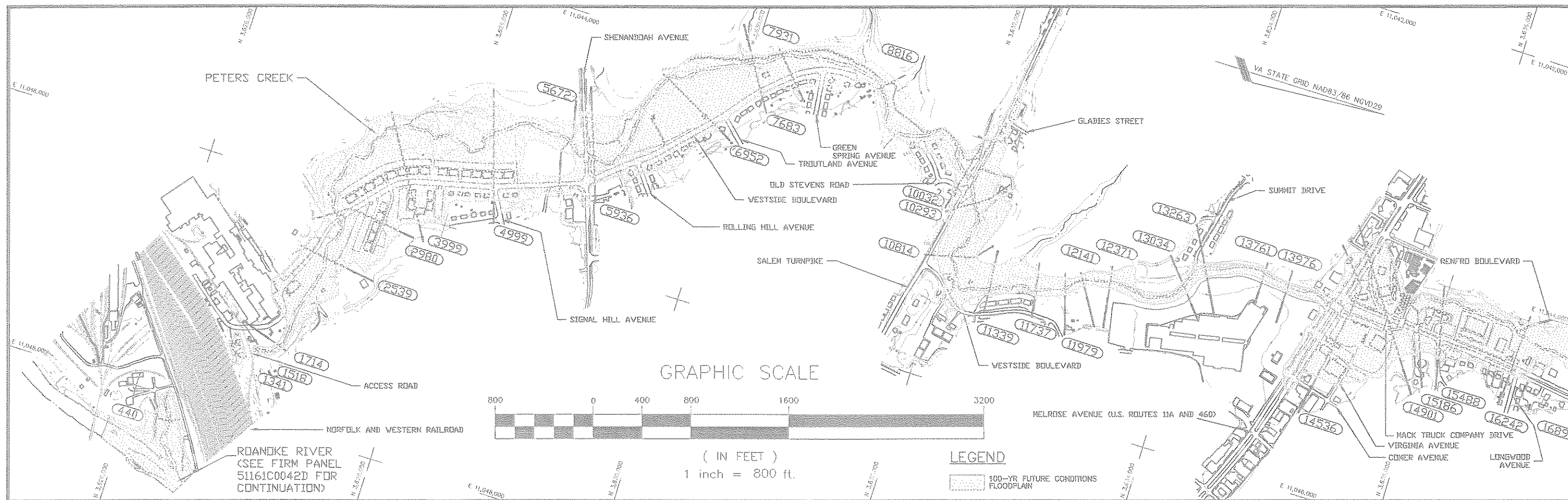
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Sheet: **2** of **2**
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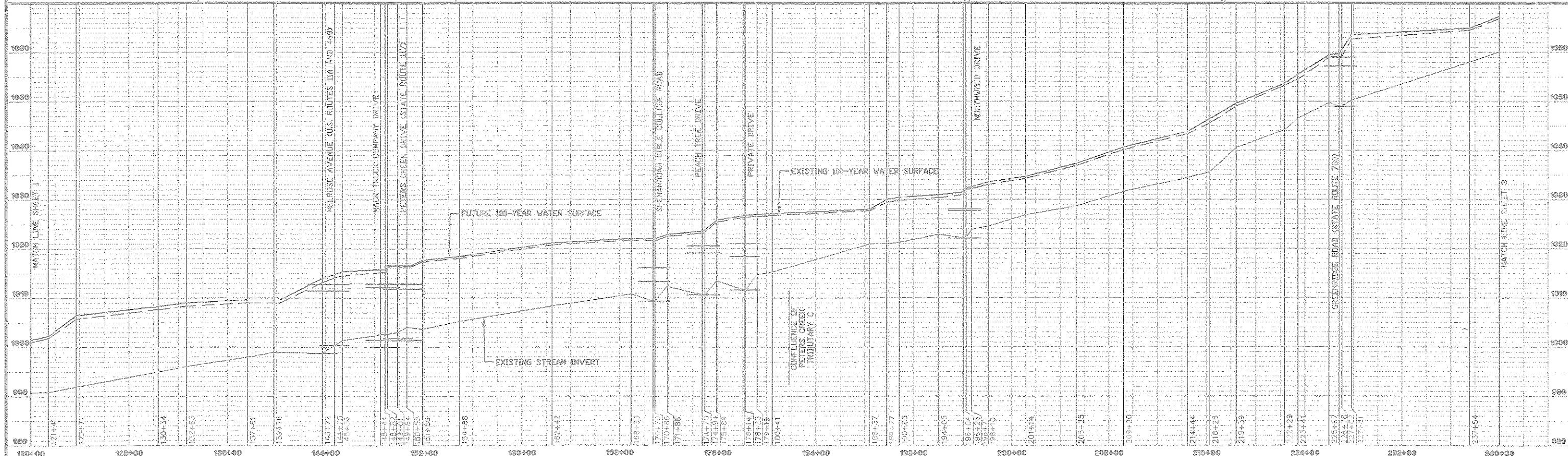
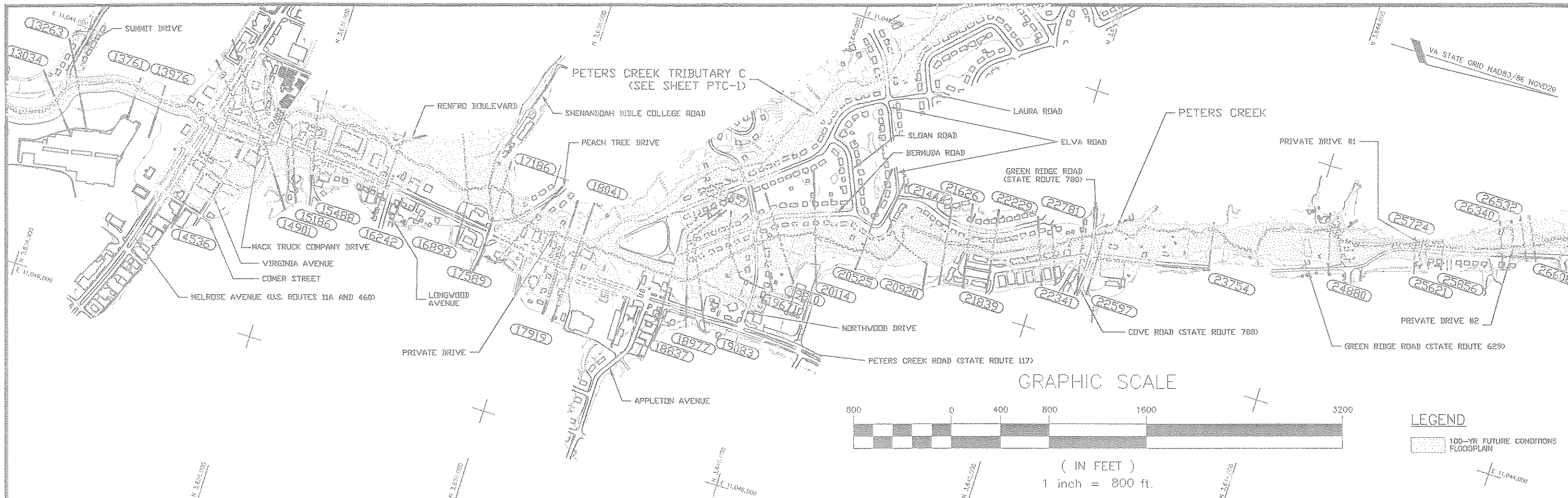
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PETERS CREEK WATERSHED

FIFTH PLANNING DISTRICT
FARMERS, VIRGINIA

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STORMWATER MANAGEMENT PLAN

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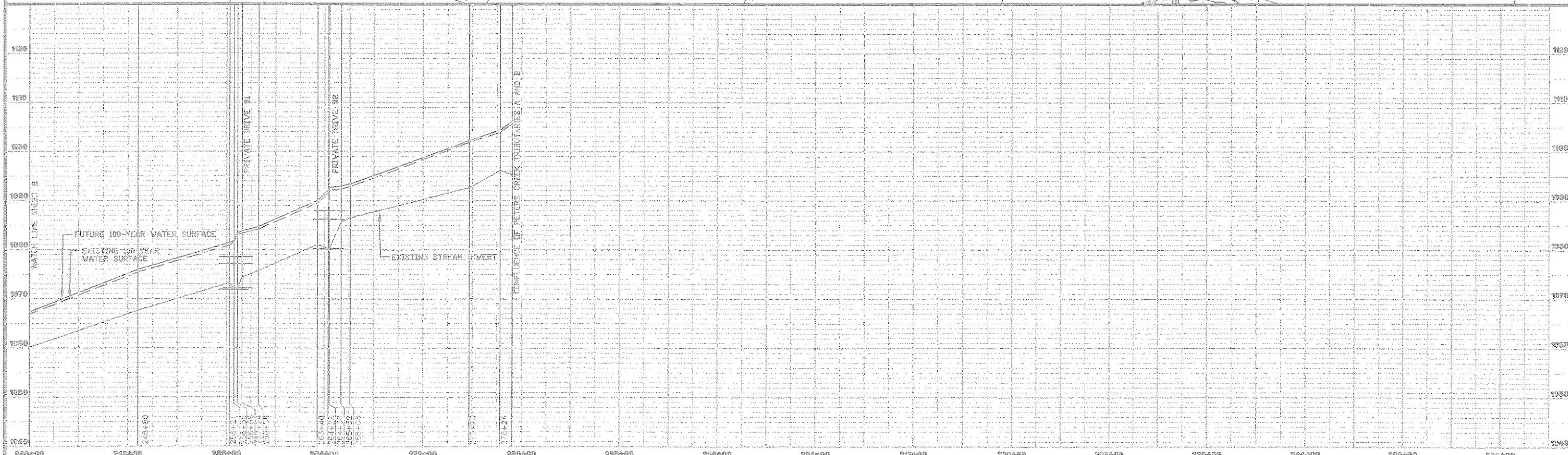
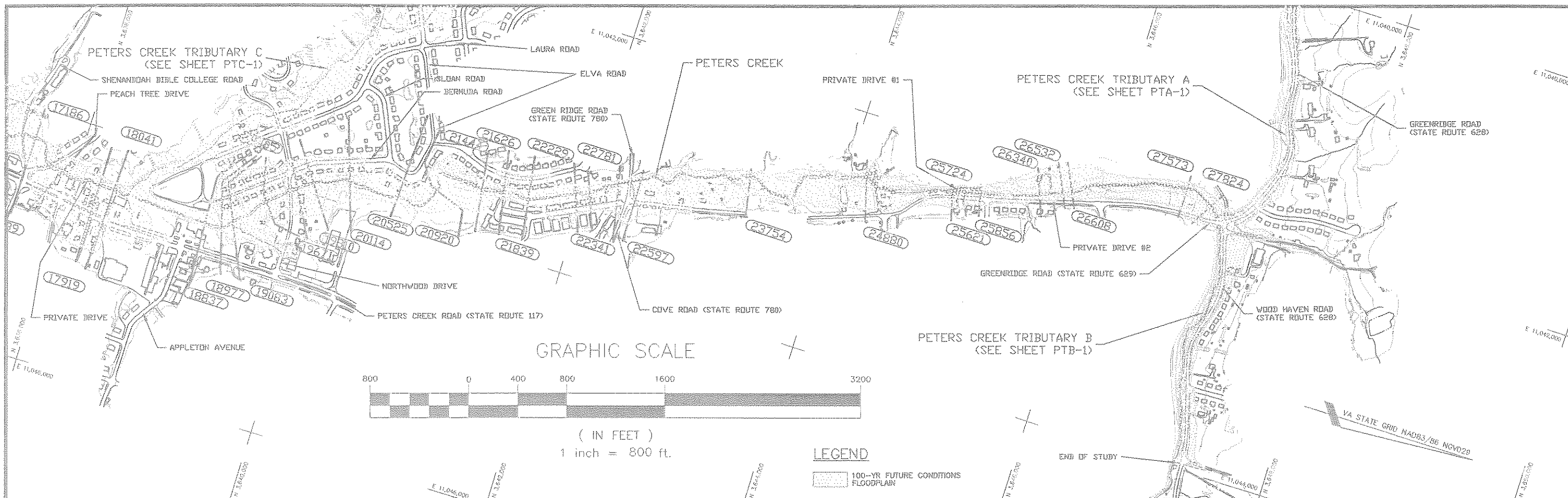
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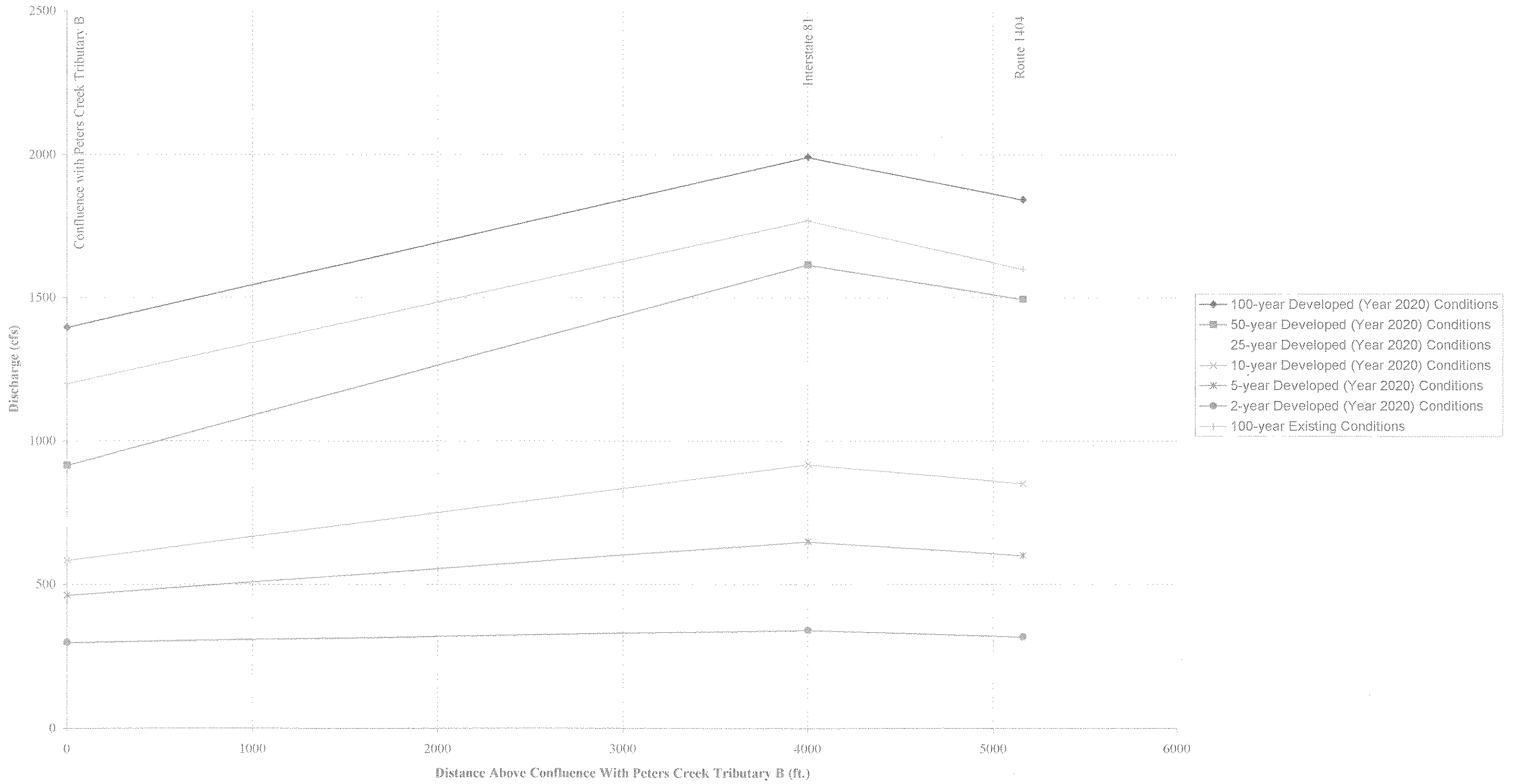
FIFTH PLANNING DISTRICT
 ROANOKE, VIRGINIA

ROANOKE VALLEY REGIONAL
STORMWATER MANAGEMENT PLAN

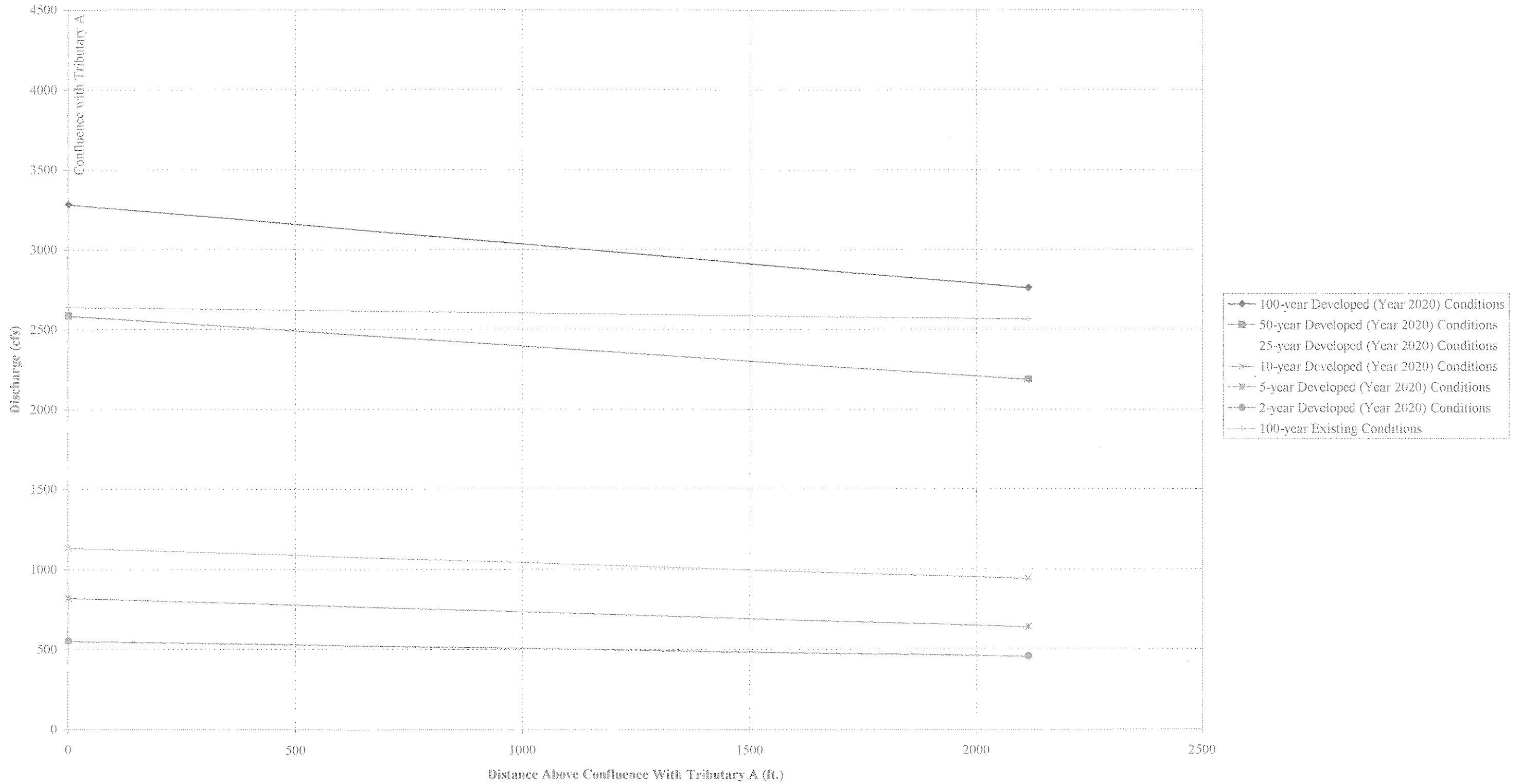
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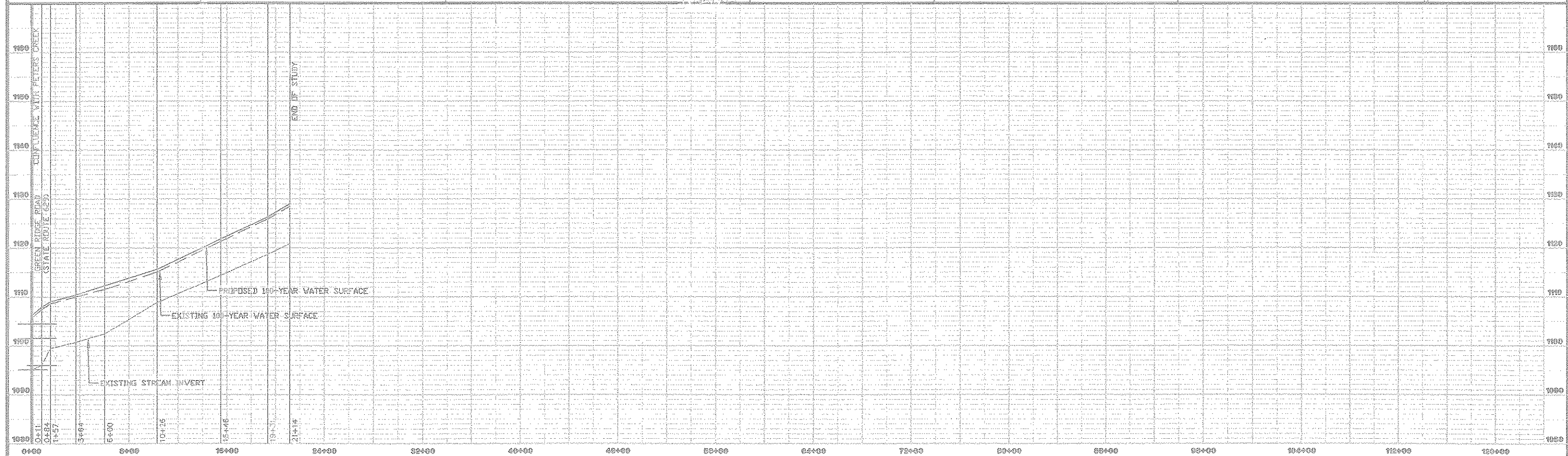
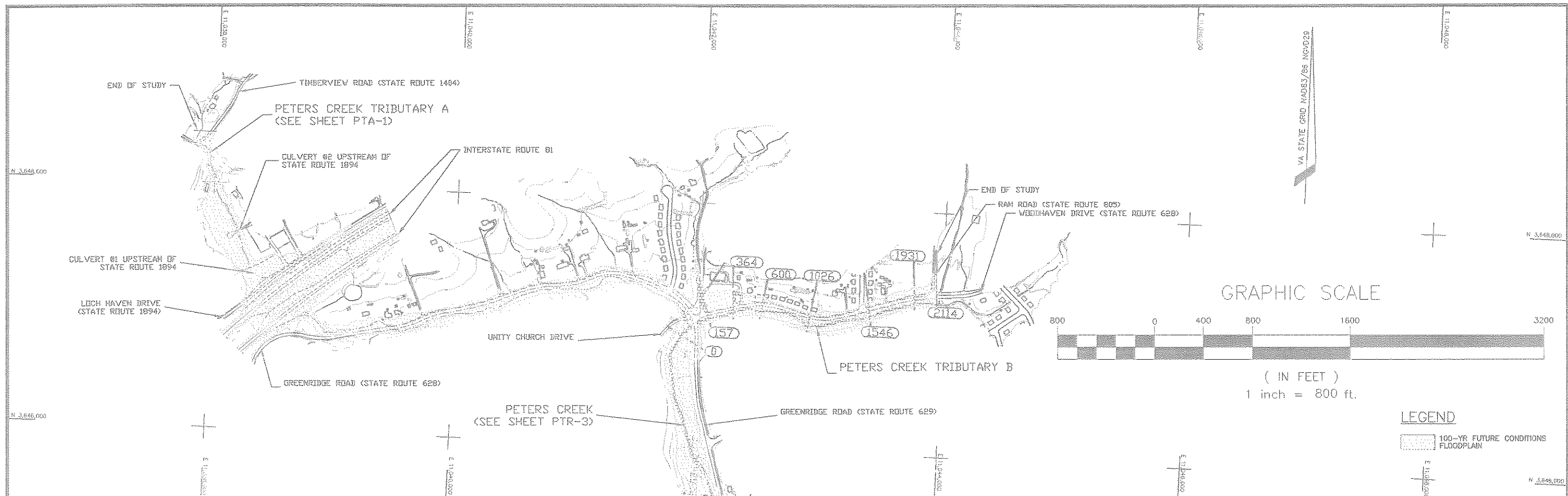


Peters Creek Tributary A



Peters Creek Tributary B





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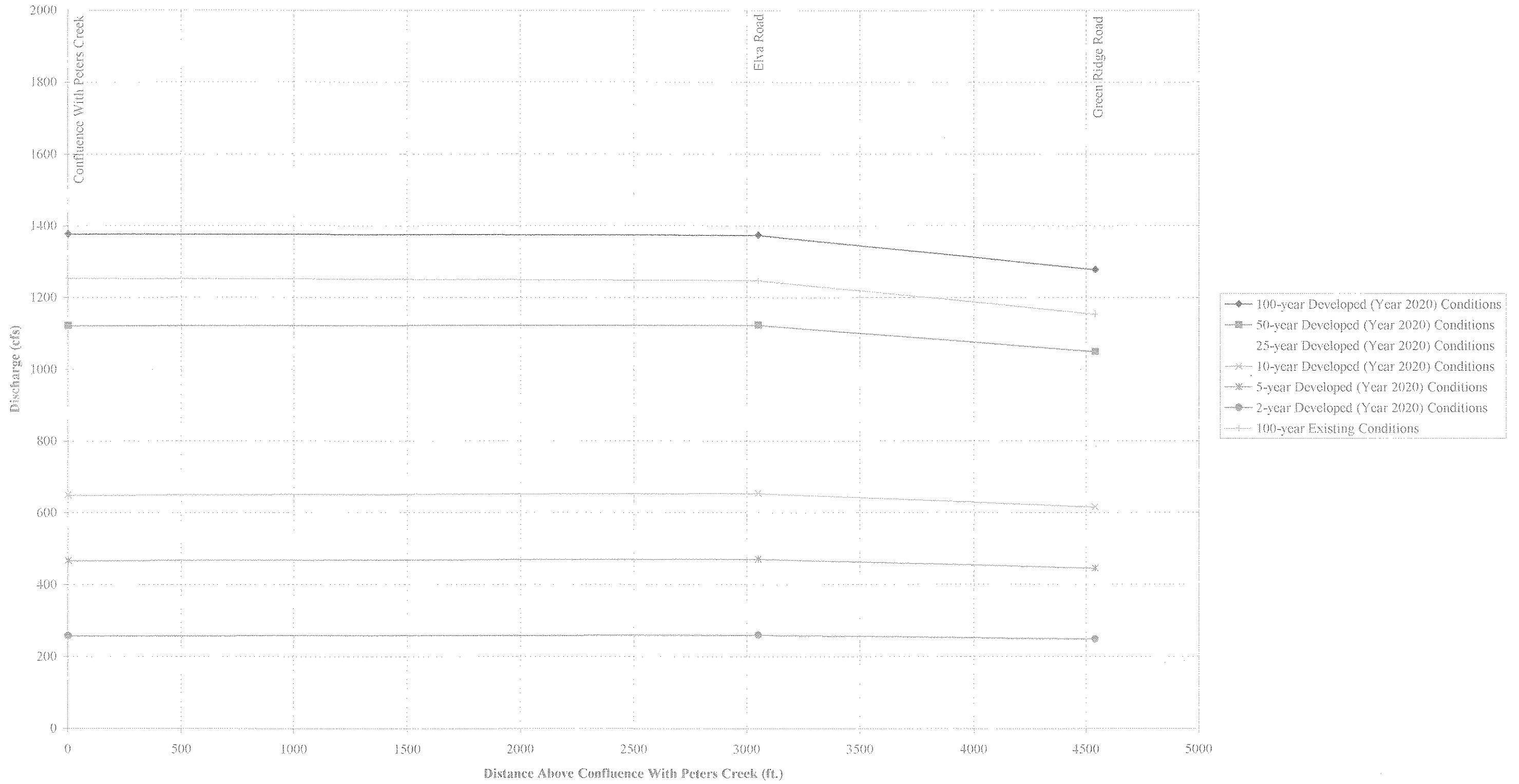
PETERS CREEK TRIBUTARY B
PETERS CREEK WATERSHED
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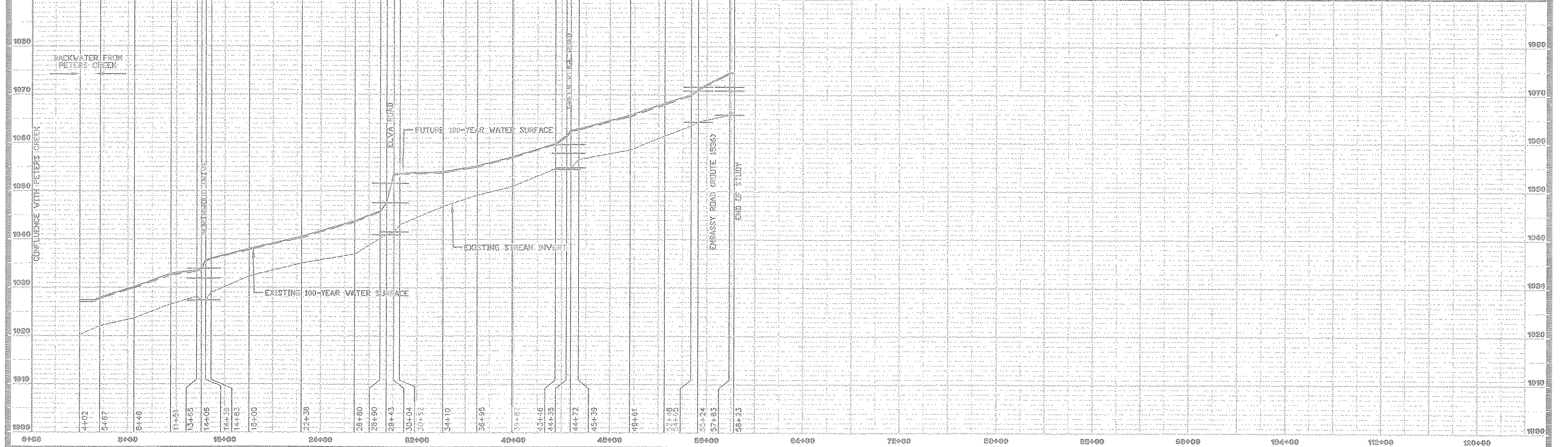
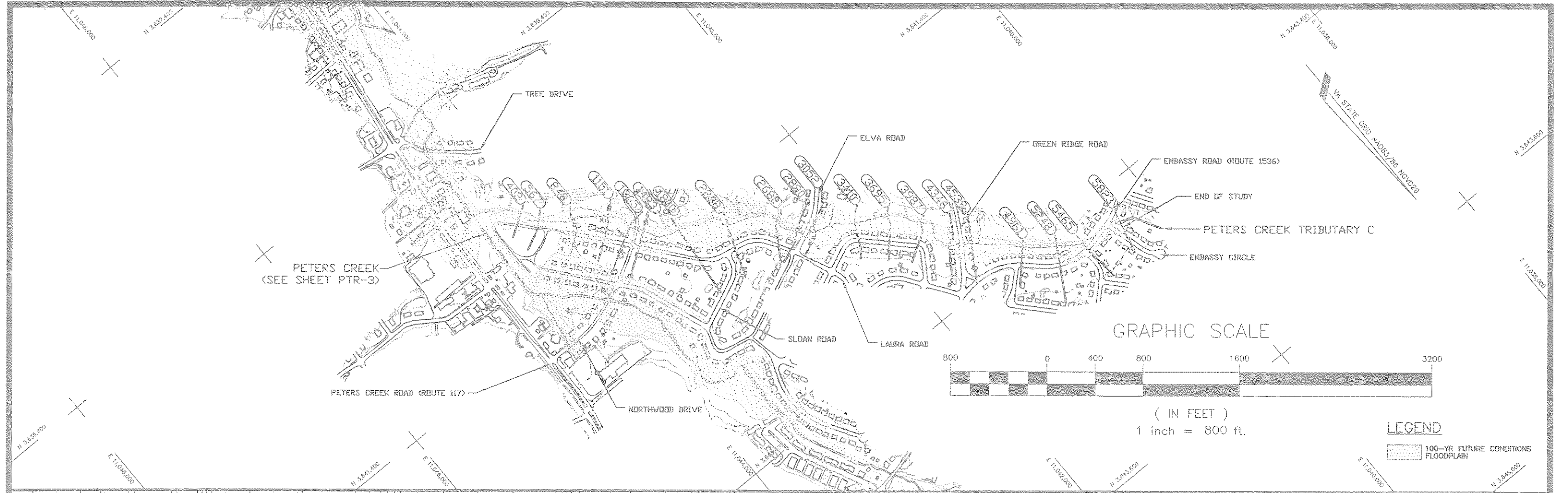
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 STORMWATER MANAGEMENT PLAN

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Sheet: **1** of 1
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Peters Creek Tributary C





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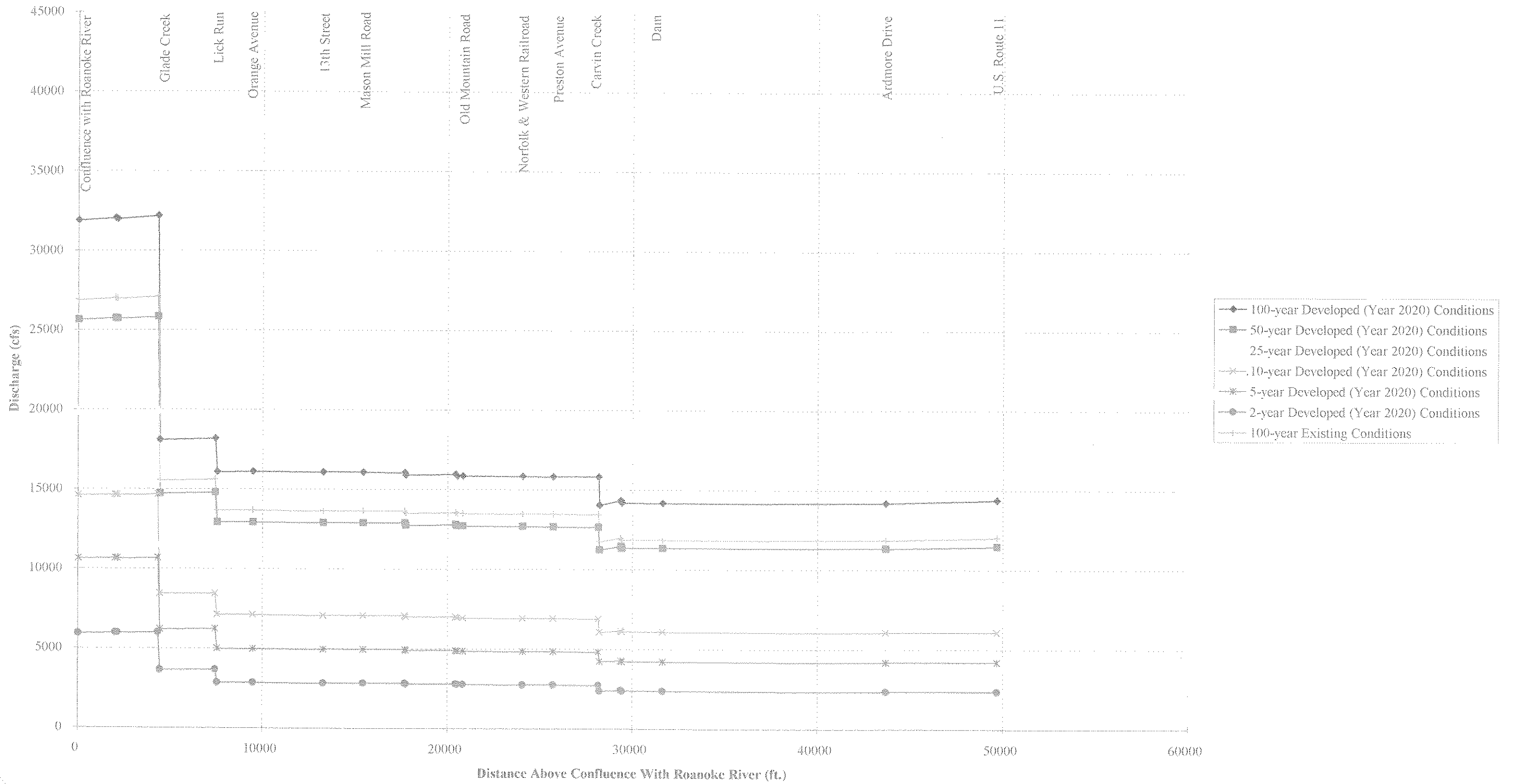
ROANOKE VALLEY REGIONAL
 STORMWATER MANAGEMENT PLAN

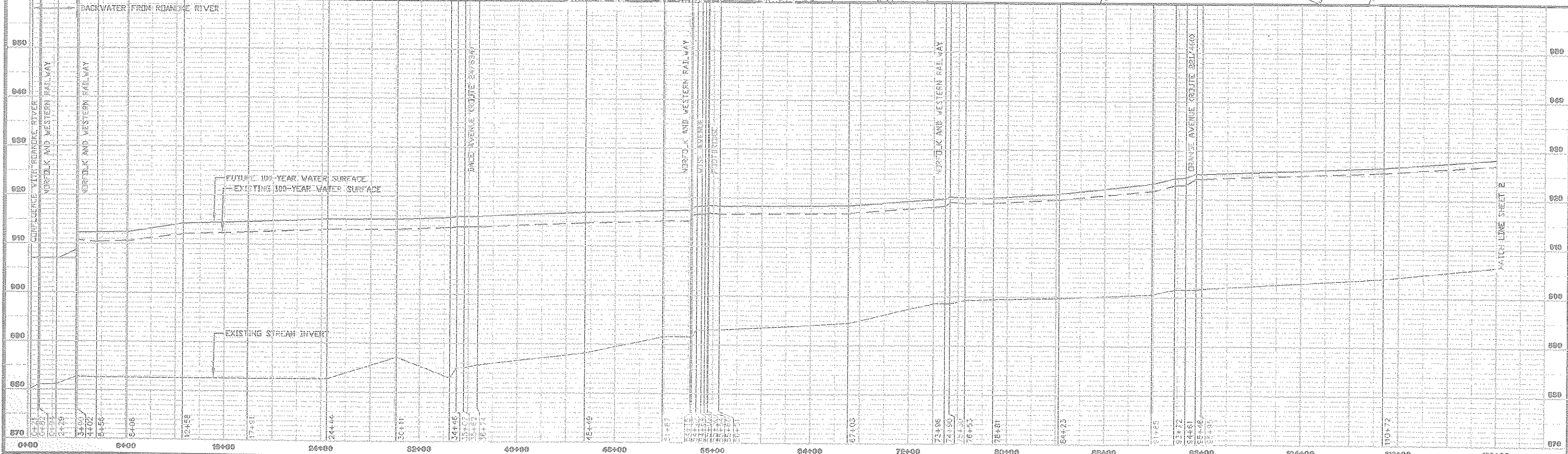
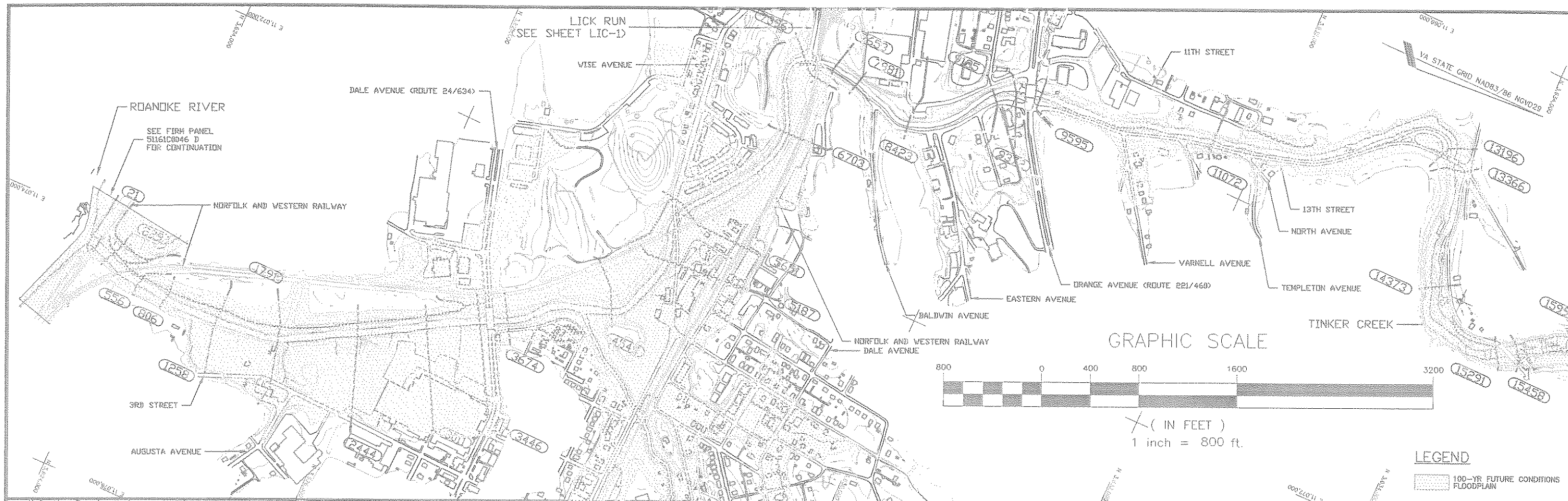
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Sheet: **1** of 1
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Tinker Creek





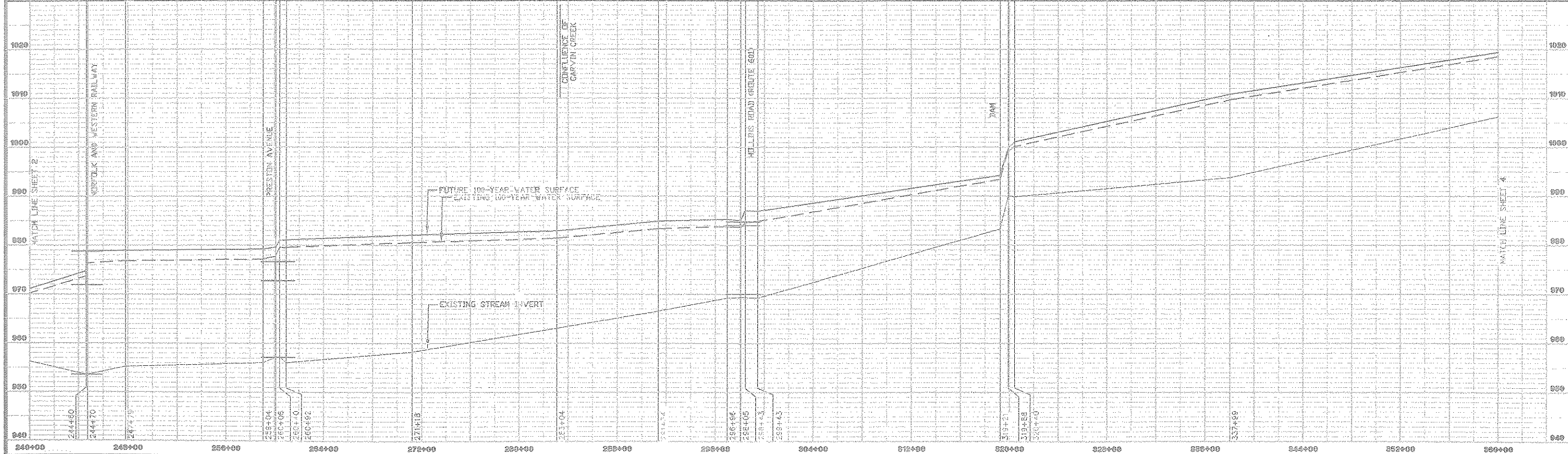
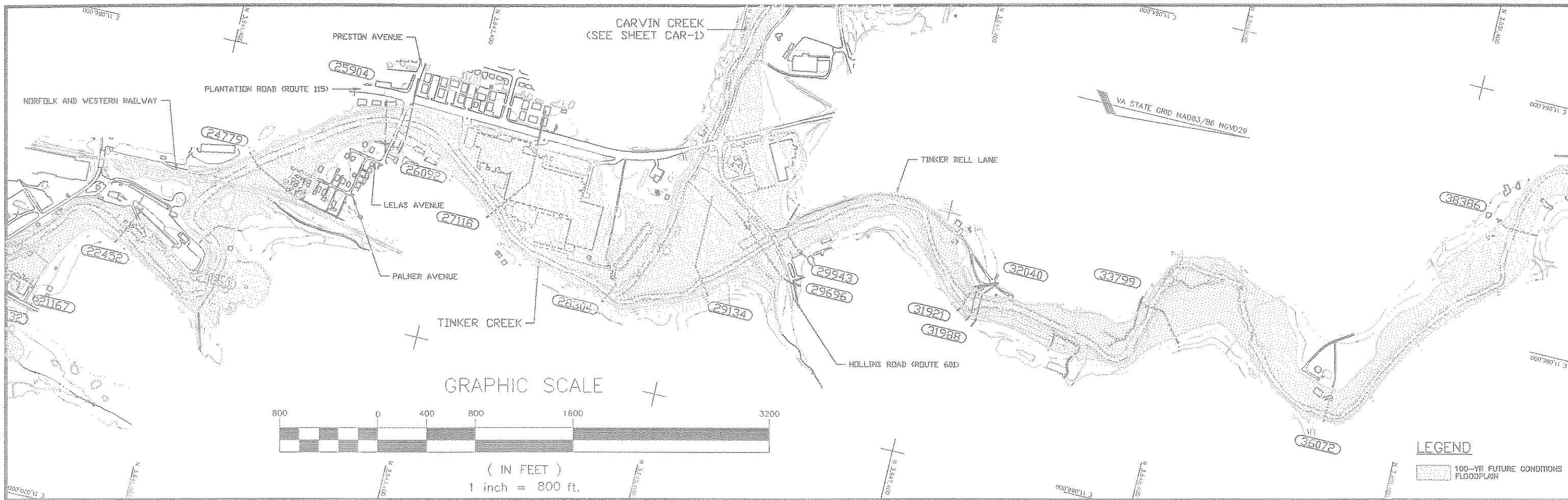
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TINKER CREEK WATERSHED
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STORMWATER MANAGEMENT PLAN

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Sheet: **1 of 5**
 Scale: 1"=20'
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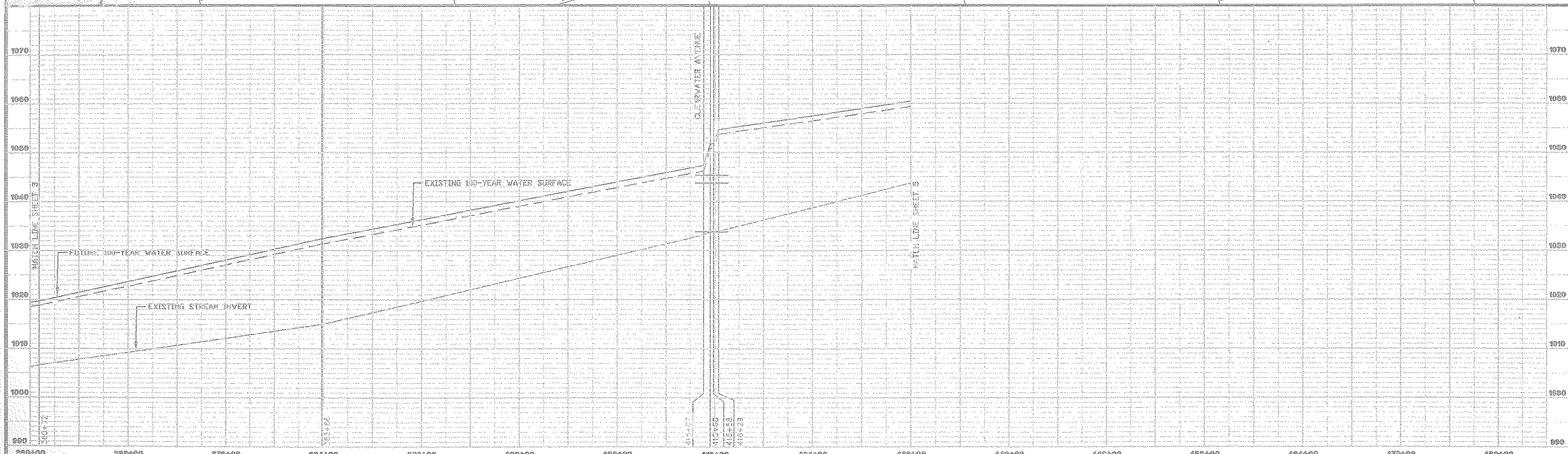
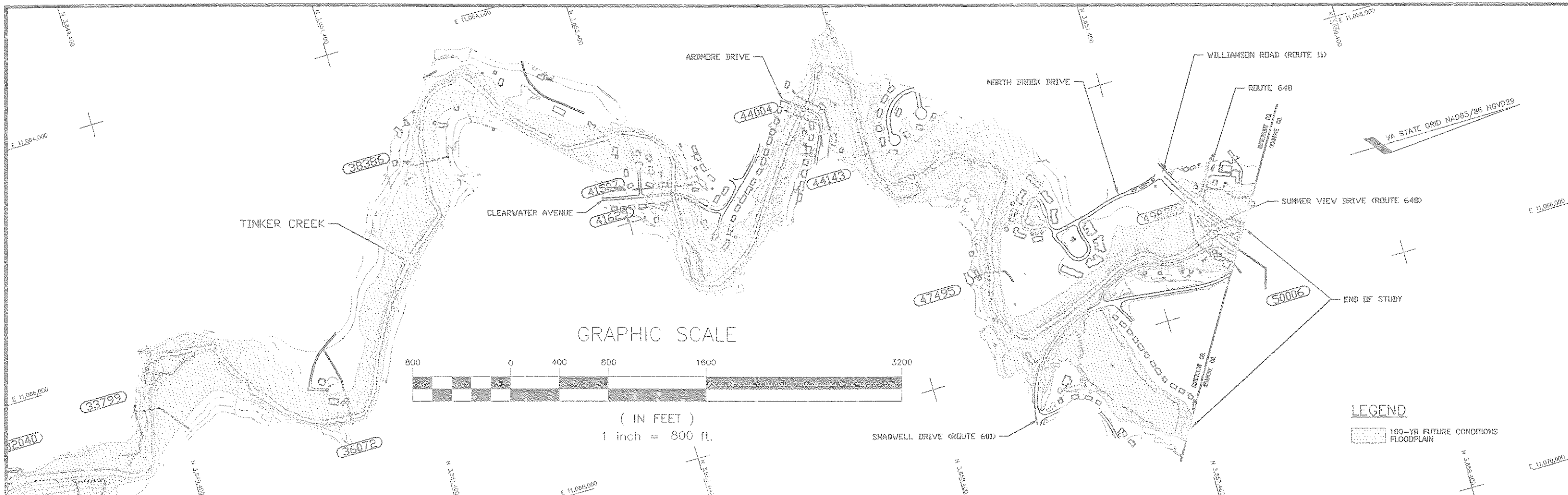
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STORMWATER MANAGEMENT PLAN

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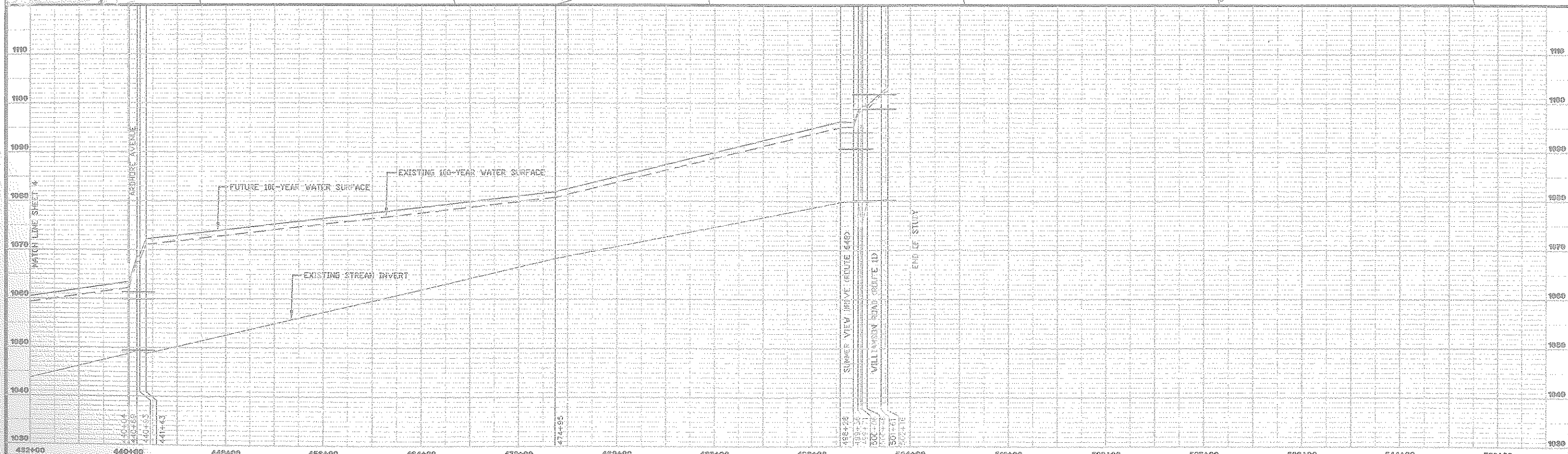
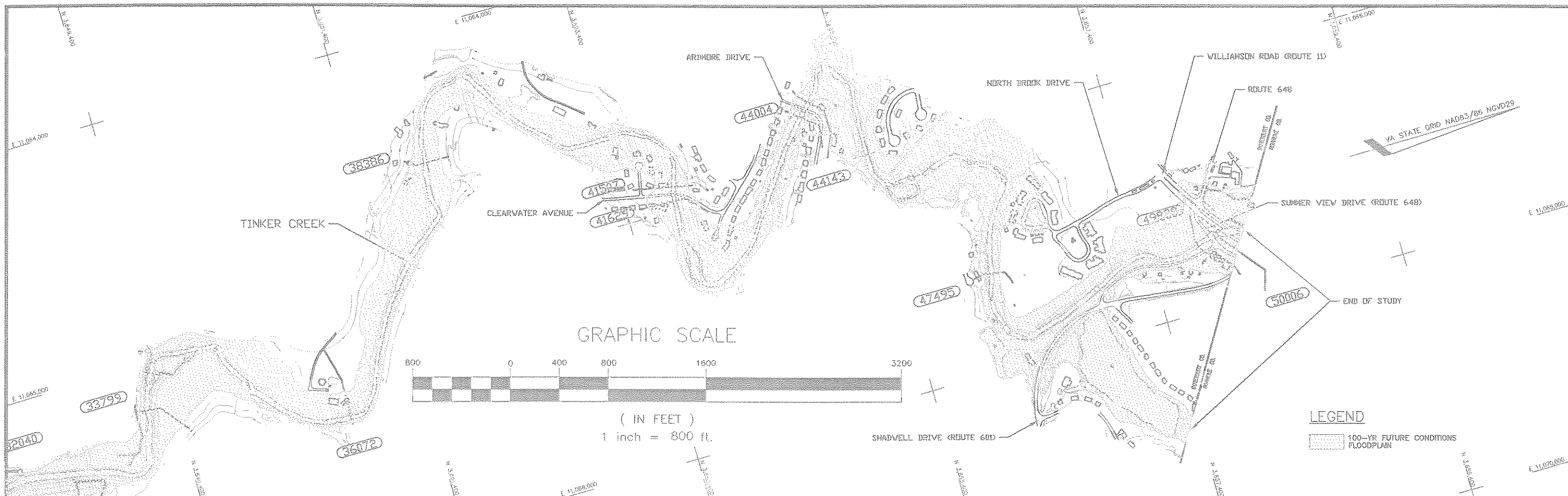


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Sheet: **4** of 5
 Scale: 1"=20'
 1"=800'



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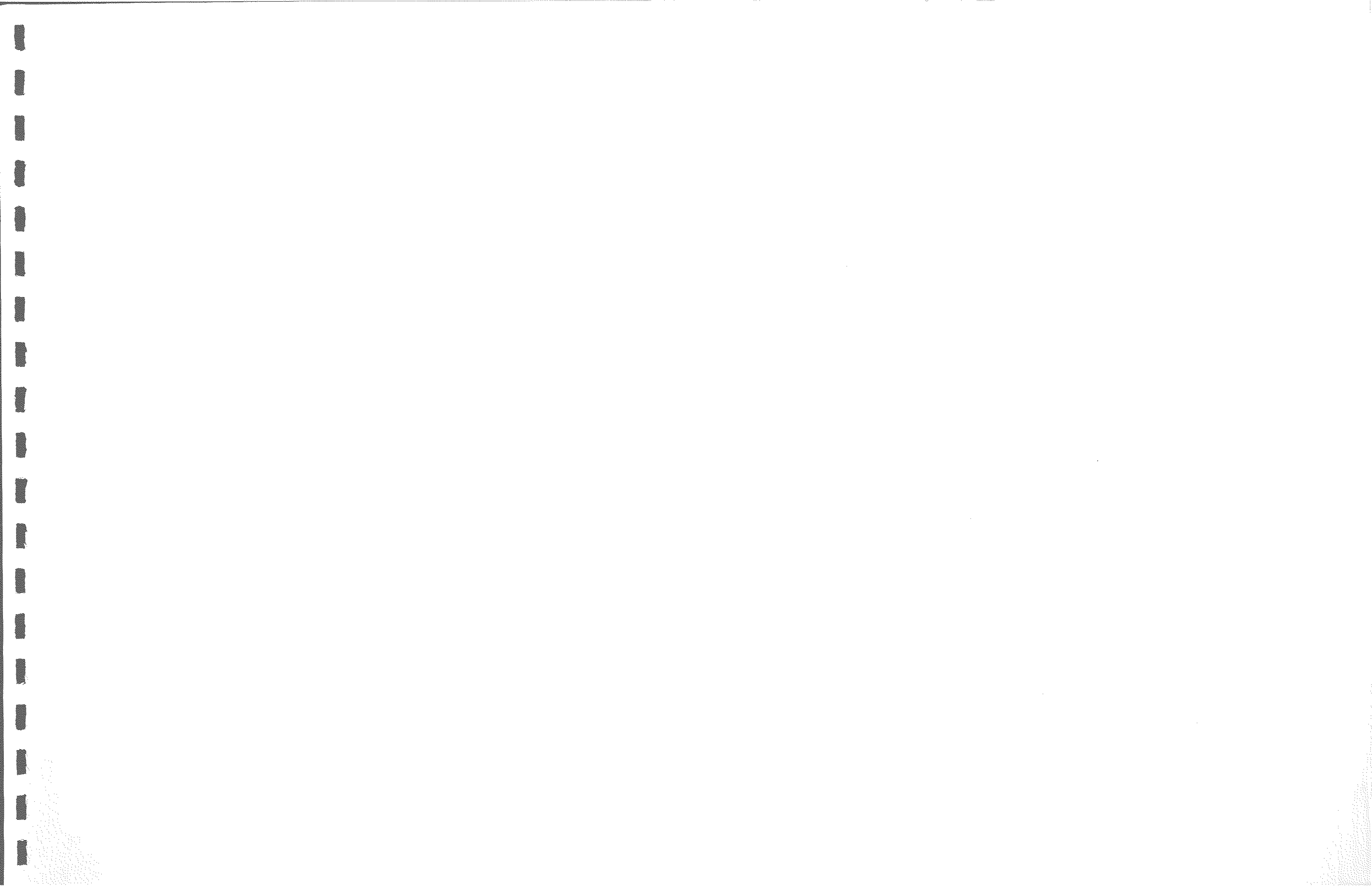
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STORMWATER MANAGEMENT PLAN

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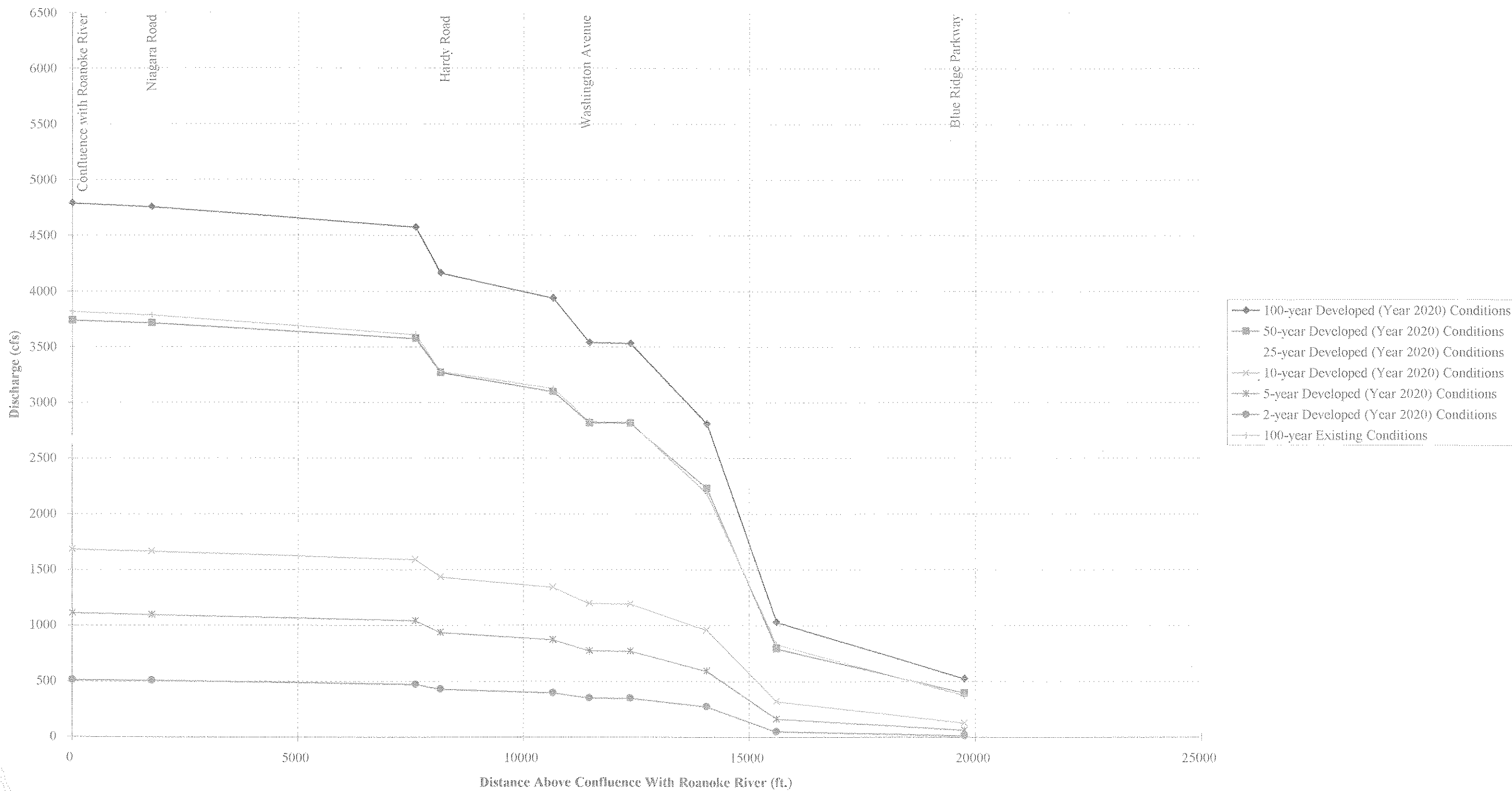
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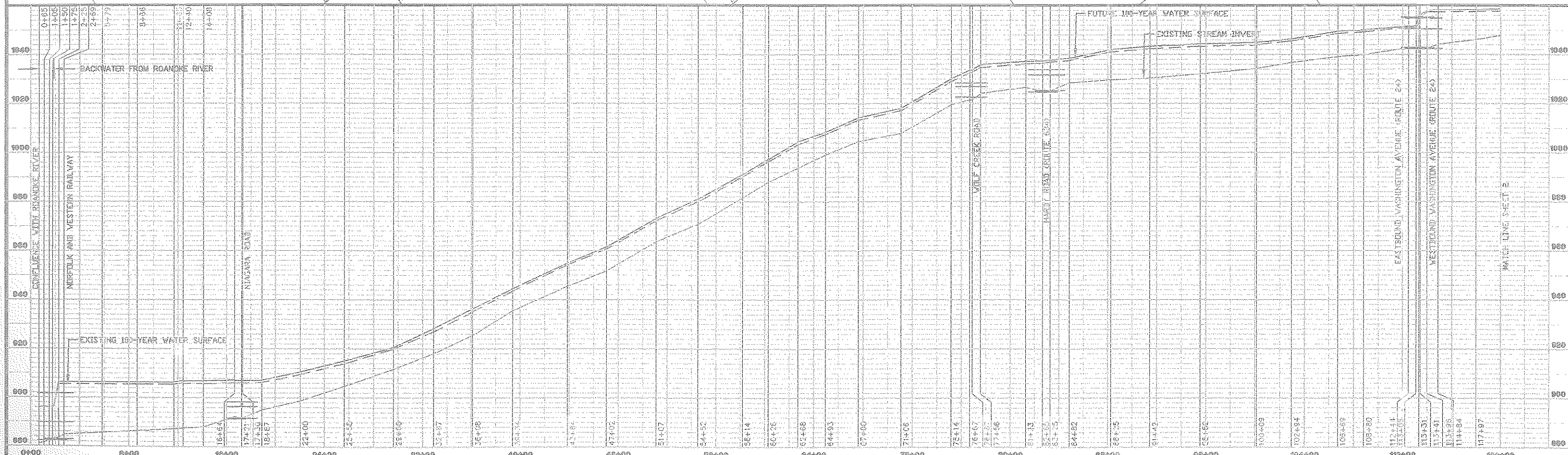
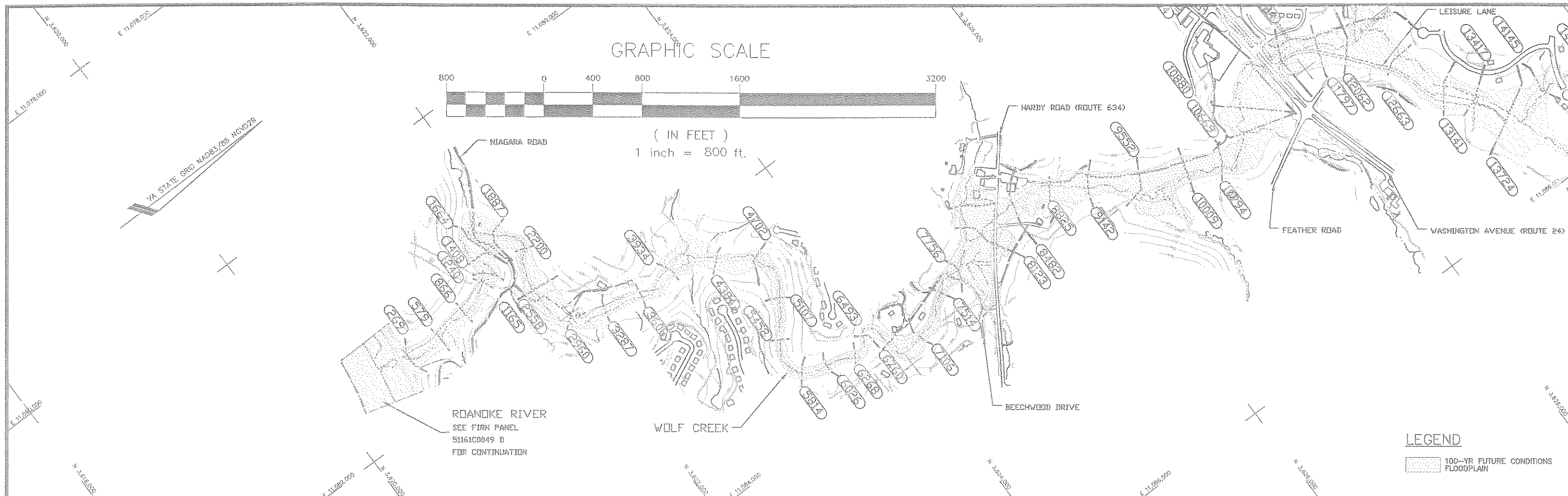
FIFTH PLANNING DISTRICT

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Wolf Creek





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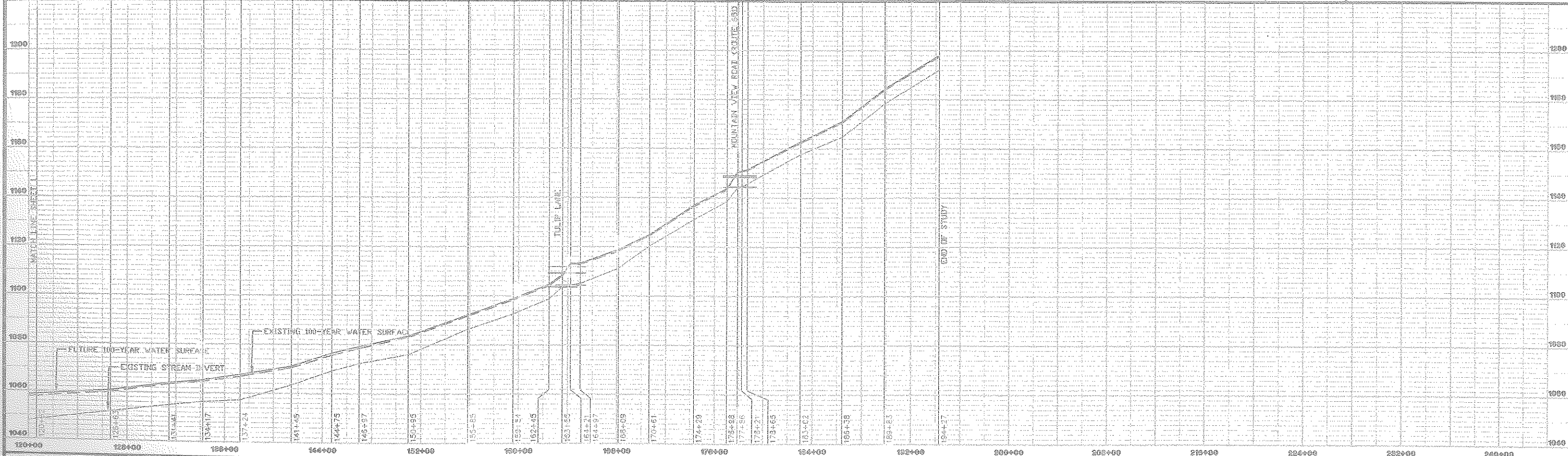
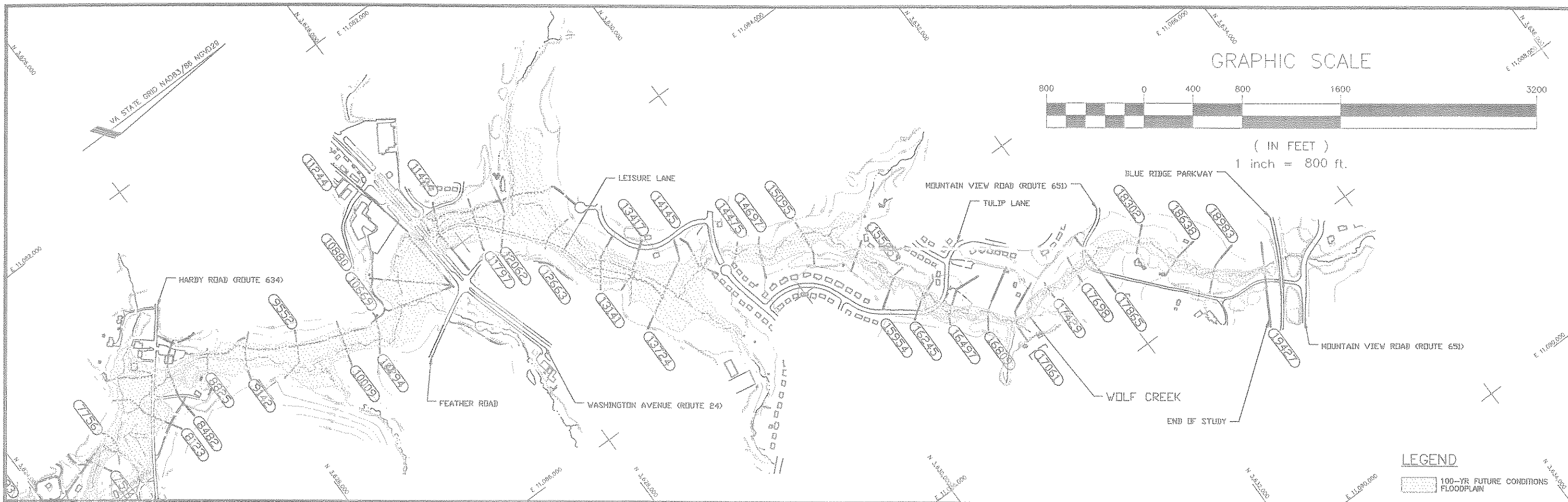
WOLF CREEK
WOLF CREEK WATERSHED

FIFTH PLANNING DISTRICT
ROANOKE, VIRGINIA

ROANOKE VALLEY REGIONAL
STORMWATER MANAGEMENT PLAN

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Sheet: **1** of **2**
Scale: **1"=40'**
1"=800'



LEGEND
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