

Appendix A-1

Plans and Sections

Part 3 of 3

Appendix A-1 Plans and Sections

Part 1 of 3

A-1-1: Viaduct Alternative – Highway Plans, Profiles and Typical Sections

A-1-2: Viaduct Alternative – Preliminary Structure Study Plans

A-1-3: Viaduct Alternative – Conceptual Construction Phasing and
Maintenance and Protection of Traffic Plans

Part 2 of 3

A-1-4: Community Grid Alternative – Highway Plans, Profiles and Typical
Sections

A-1-5: Community Grid Alternative – NYSW Railway Plans

A-1-6: Community Grid Alternative – Preliminary Structure Study Plans

A-1-7: Community Grid Alternative – Conceptual Construction Phasing
and Maintenance and Protection of Traffic Plans

Part 3 of 3

A-1-8: Conceptual Drainage Plans - Common to Both Alternatives

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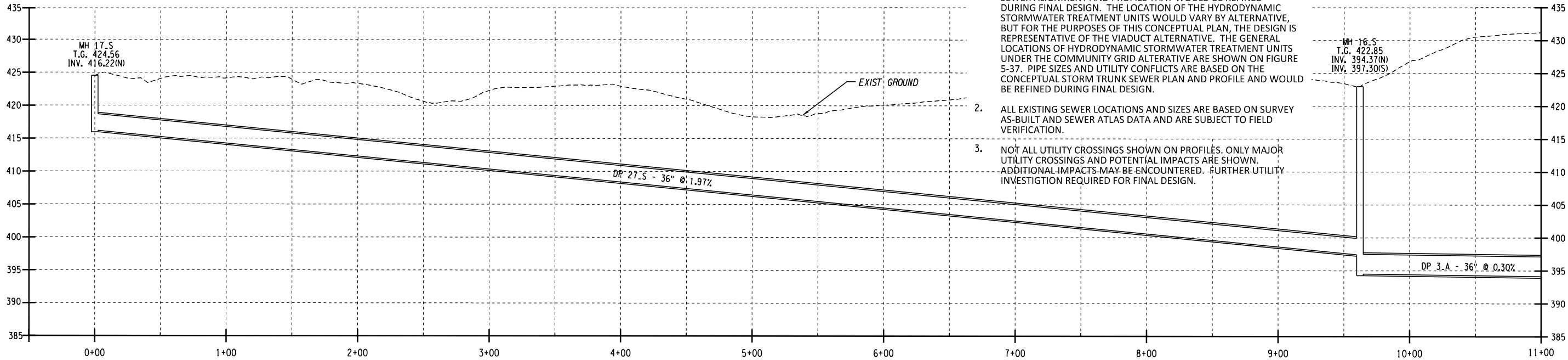
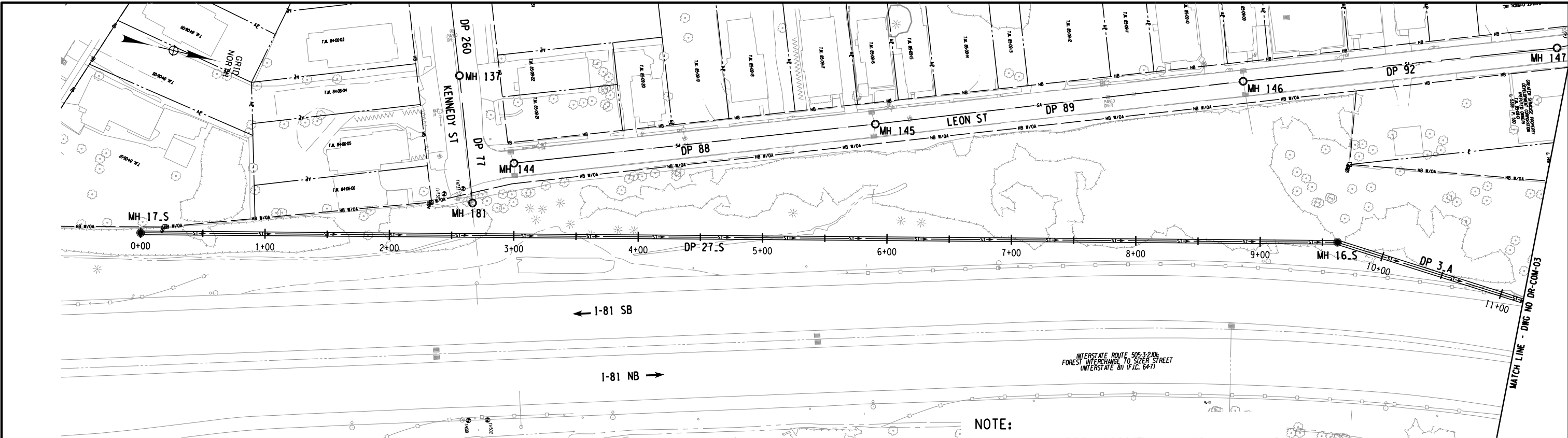
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NOTE:

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<div>PARSONS</div> <div>AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:</div> <div>IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.</div>	

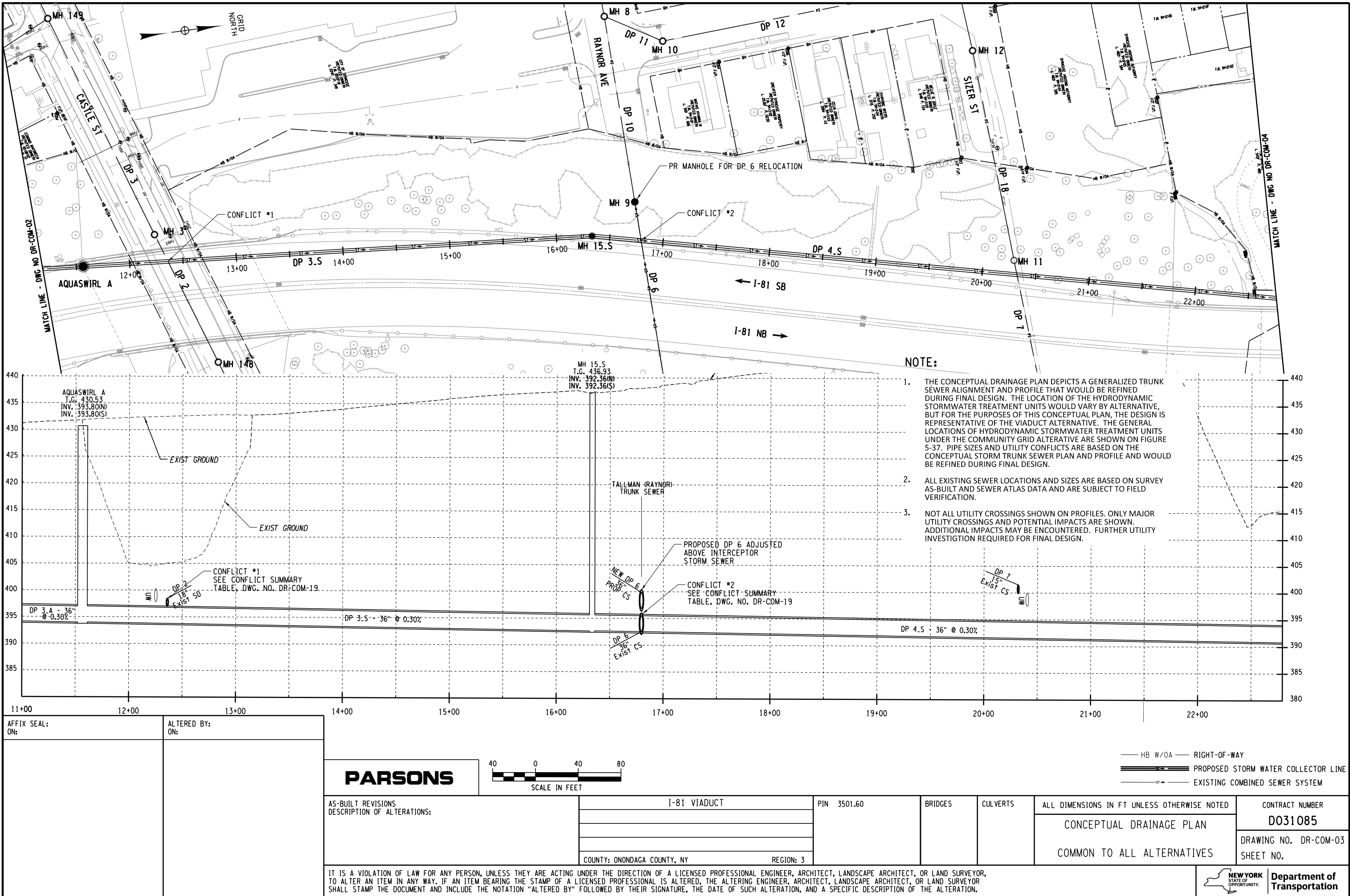


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COUNTY: ONONDAGA COUNTY, NY		REGION: 3				CONCEPTUAL DRAINAGE PLAN COMMON TO ALL ALTERNATIVES		DRAWING NO. DR-COM-02 SHEET NO.

— HB W/OA — RIGHT-OF-WAY
— PROPOSED STORM WATER COLLECTOR LINE
— EXISTING COMBINED SEWER SYSTEM

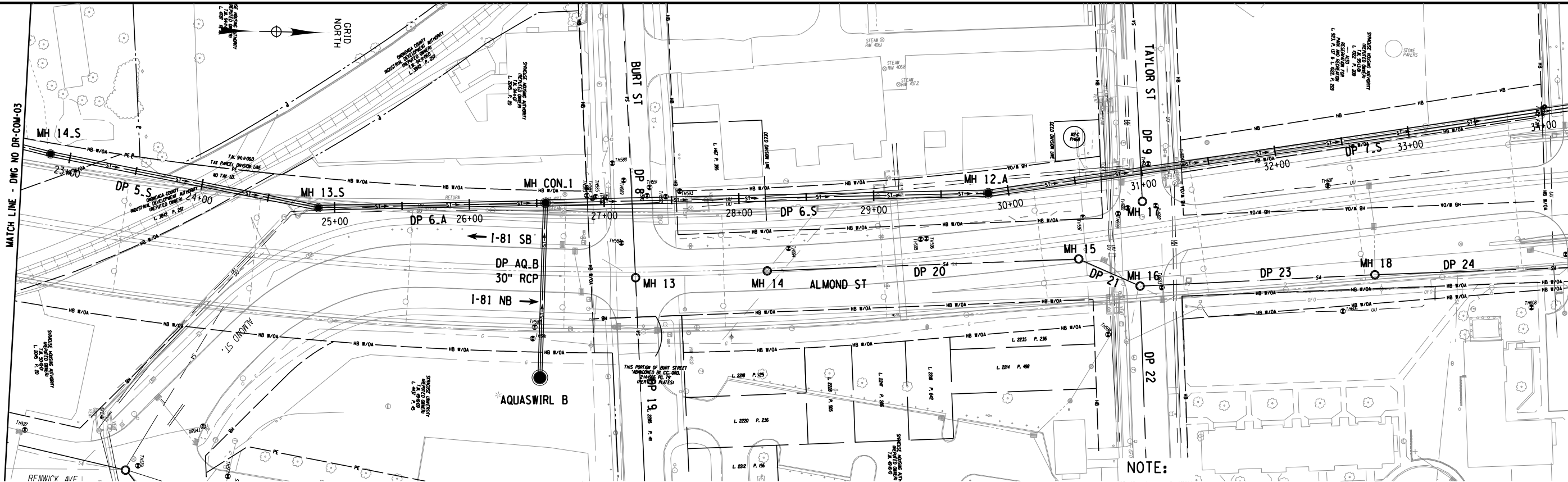
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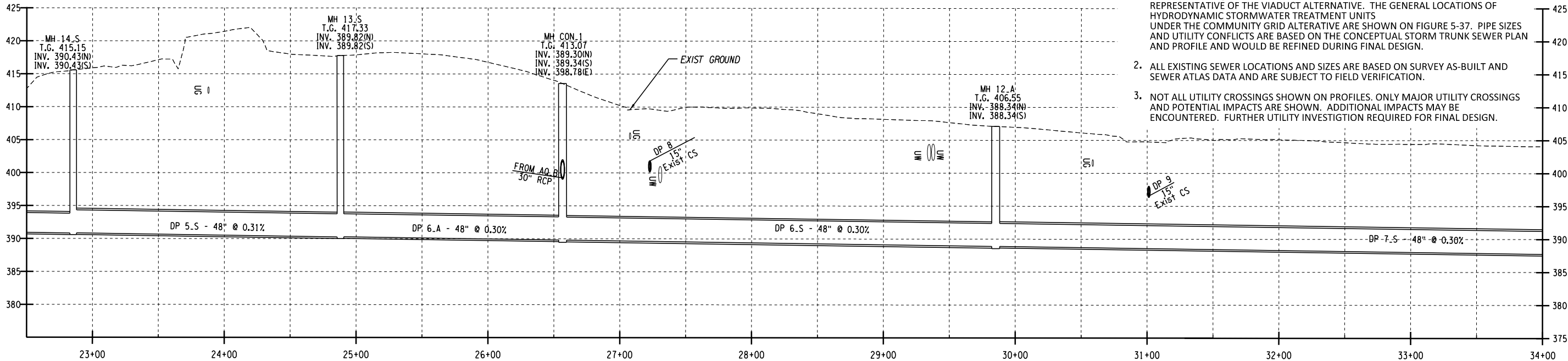


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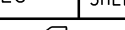


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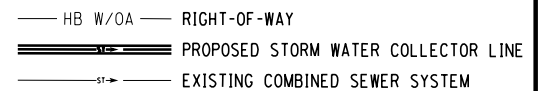
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					CONCEPTUAL DRAINAGE PLAN COMMON TO ALL ALTERNATIVES	DRAWING NO. DR-COM-04 SHEET NO.
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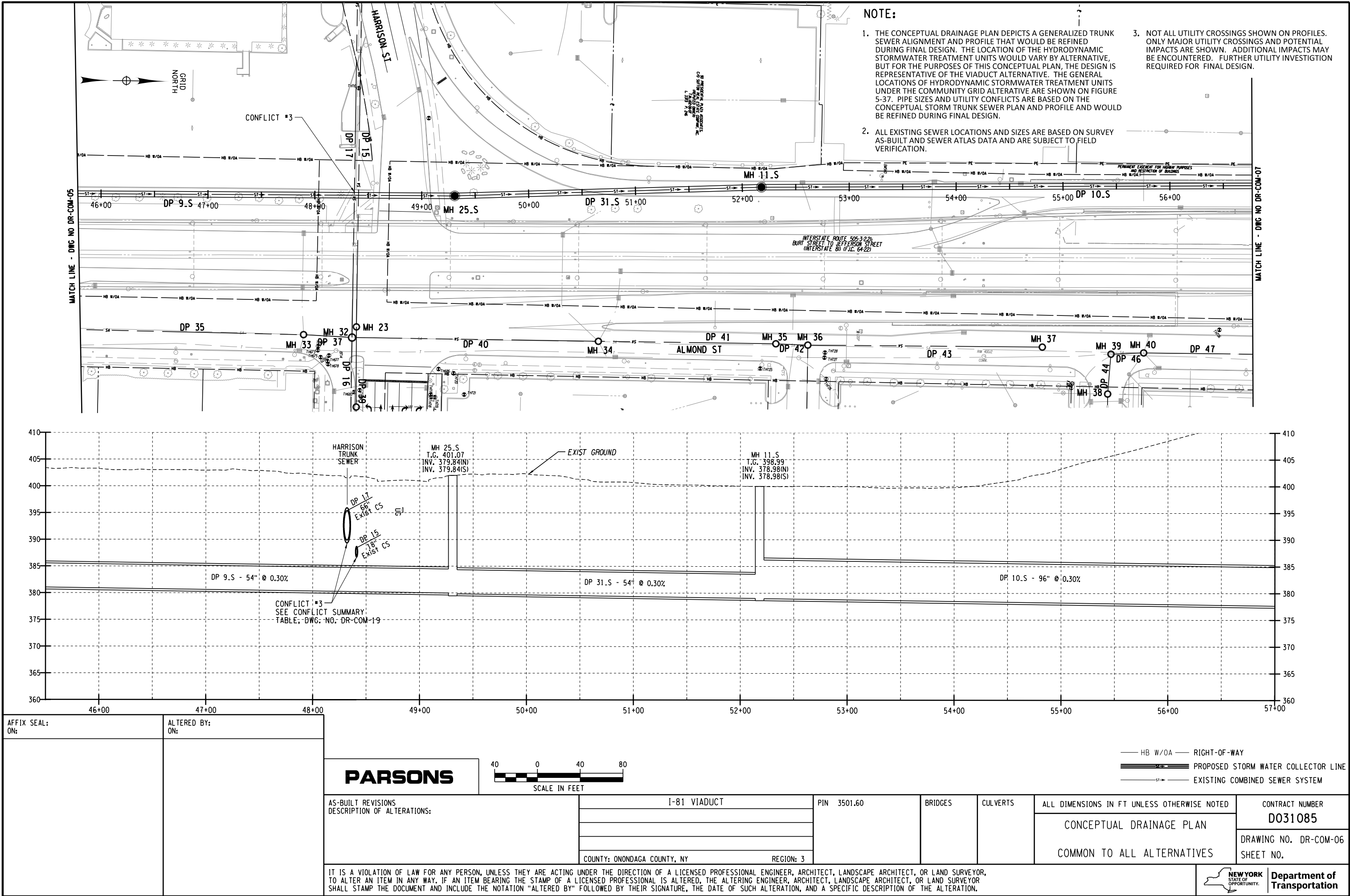
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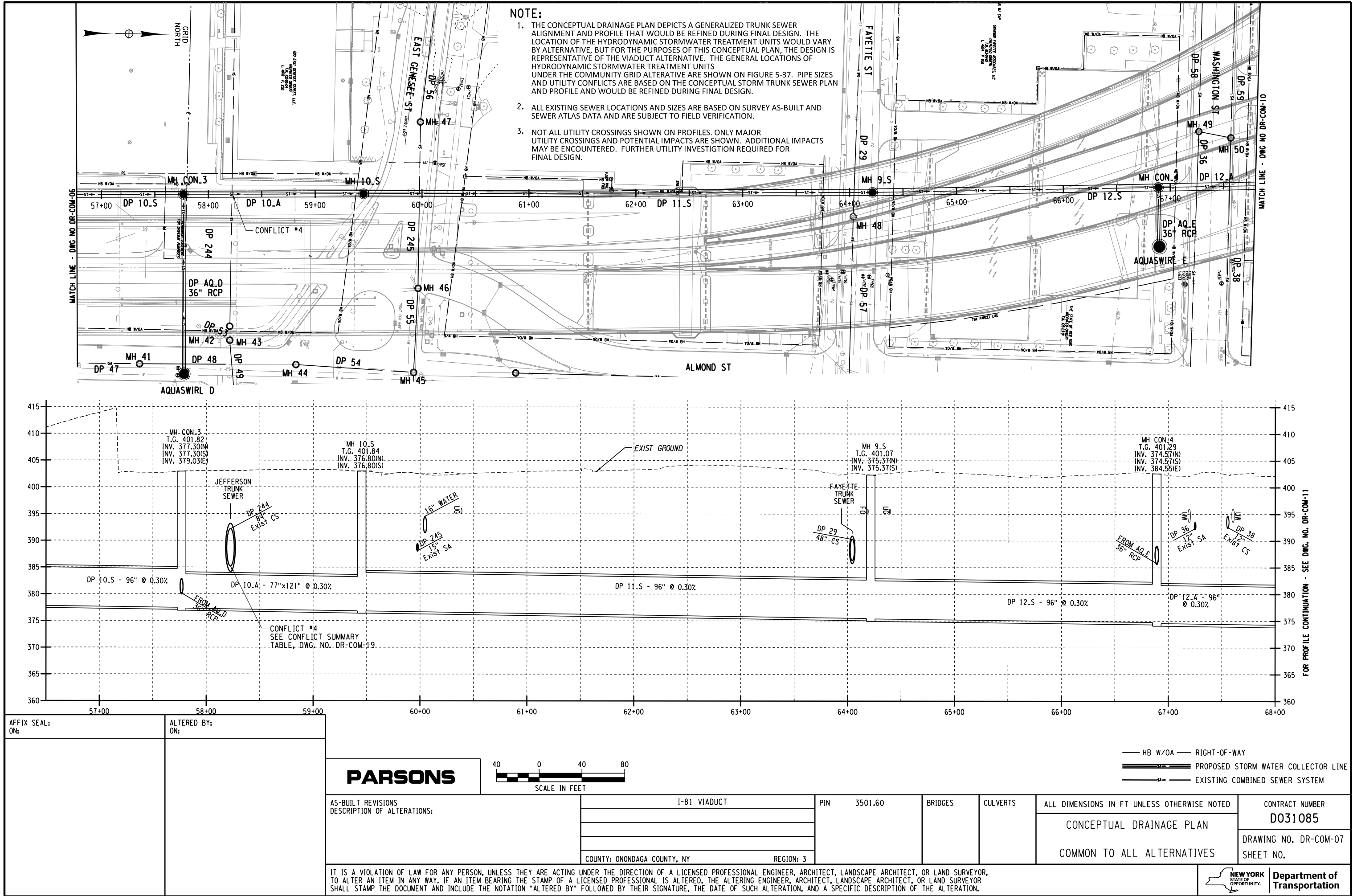
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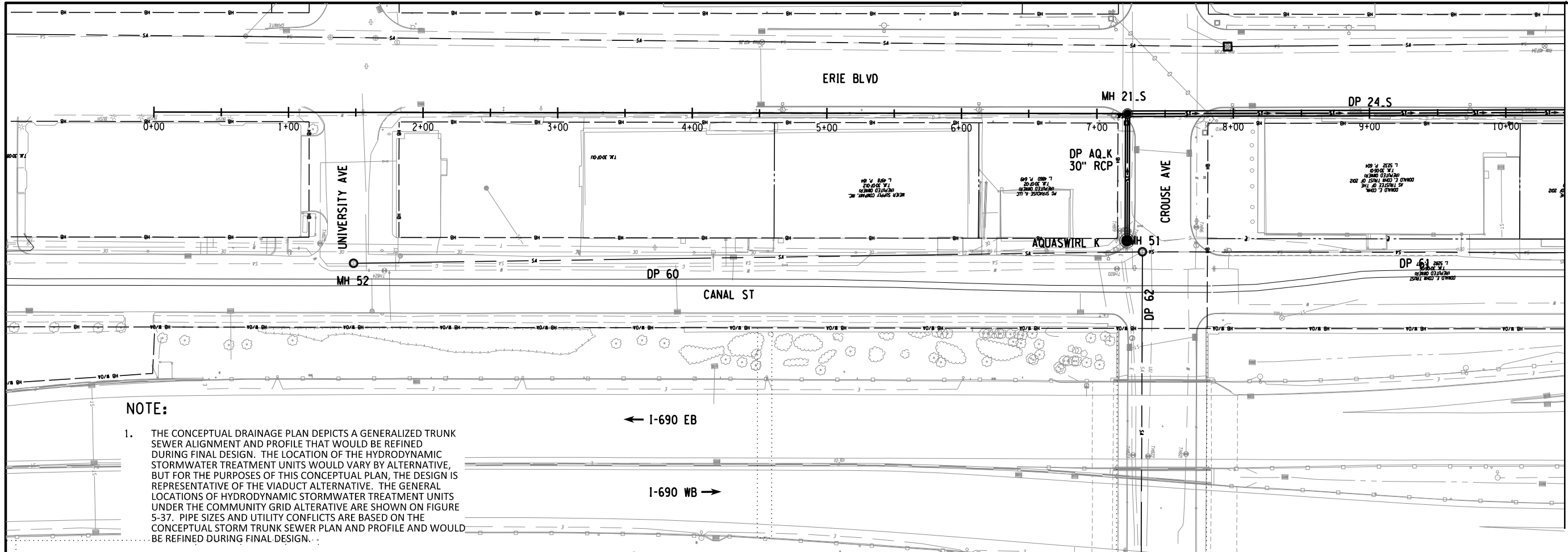
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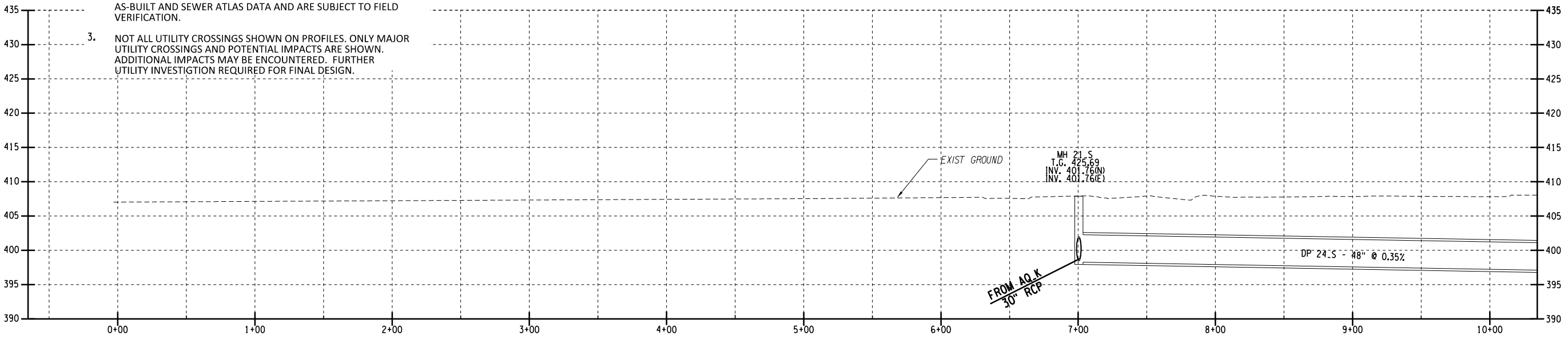
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— HB W/OA — RIGHT-OF-WAY
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— EXISTING COMBINED SEWER SYSTEM

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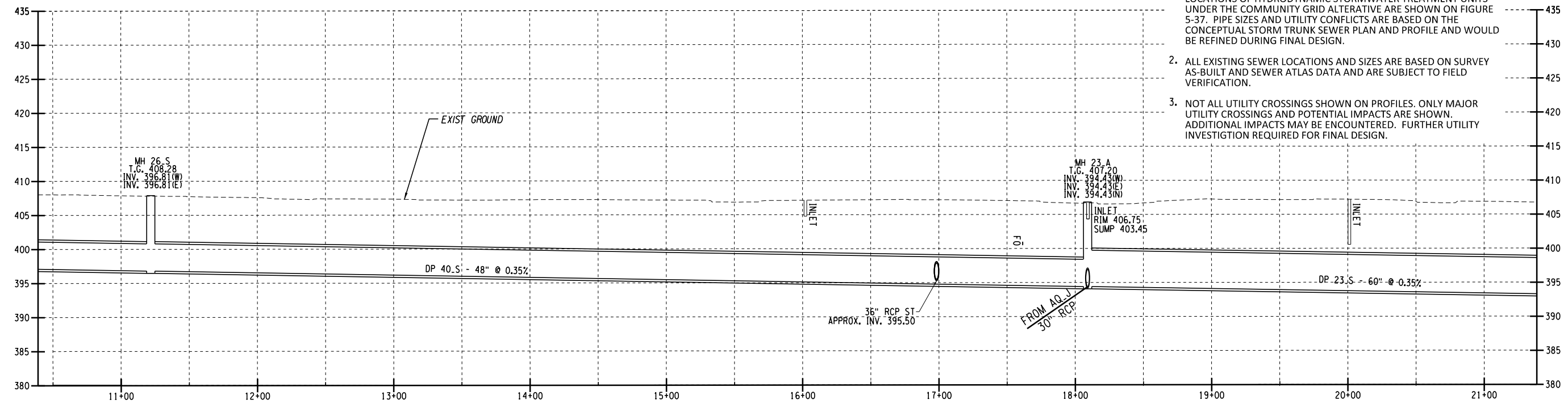
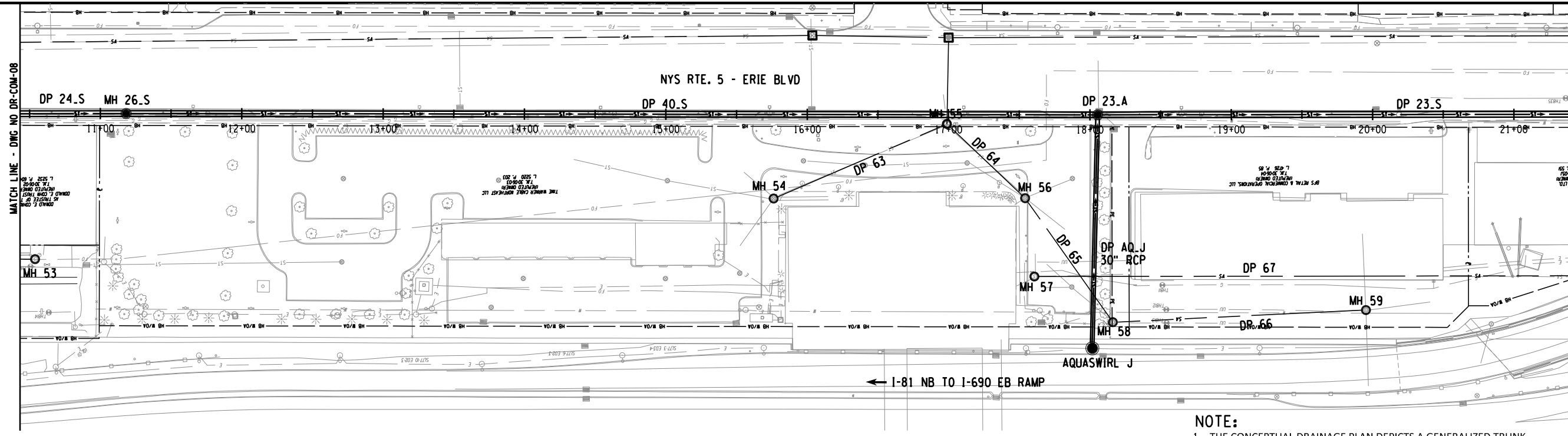
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COUNTY: ONONDAGA COUNTY, NY		REGION: 3		

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COMMON TO ALL ALTERNATIVES	SHEET NO.



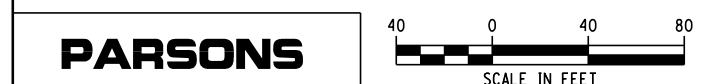
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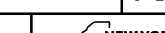


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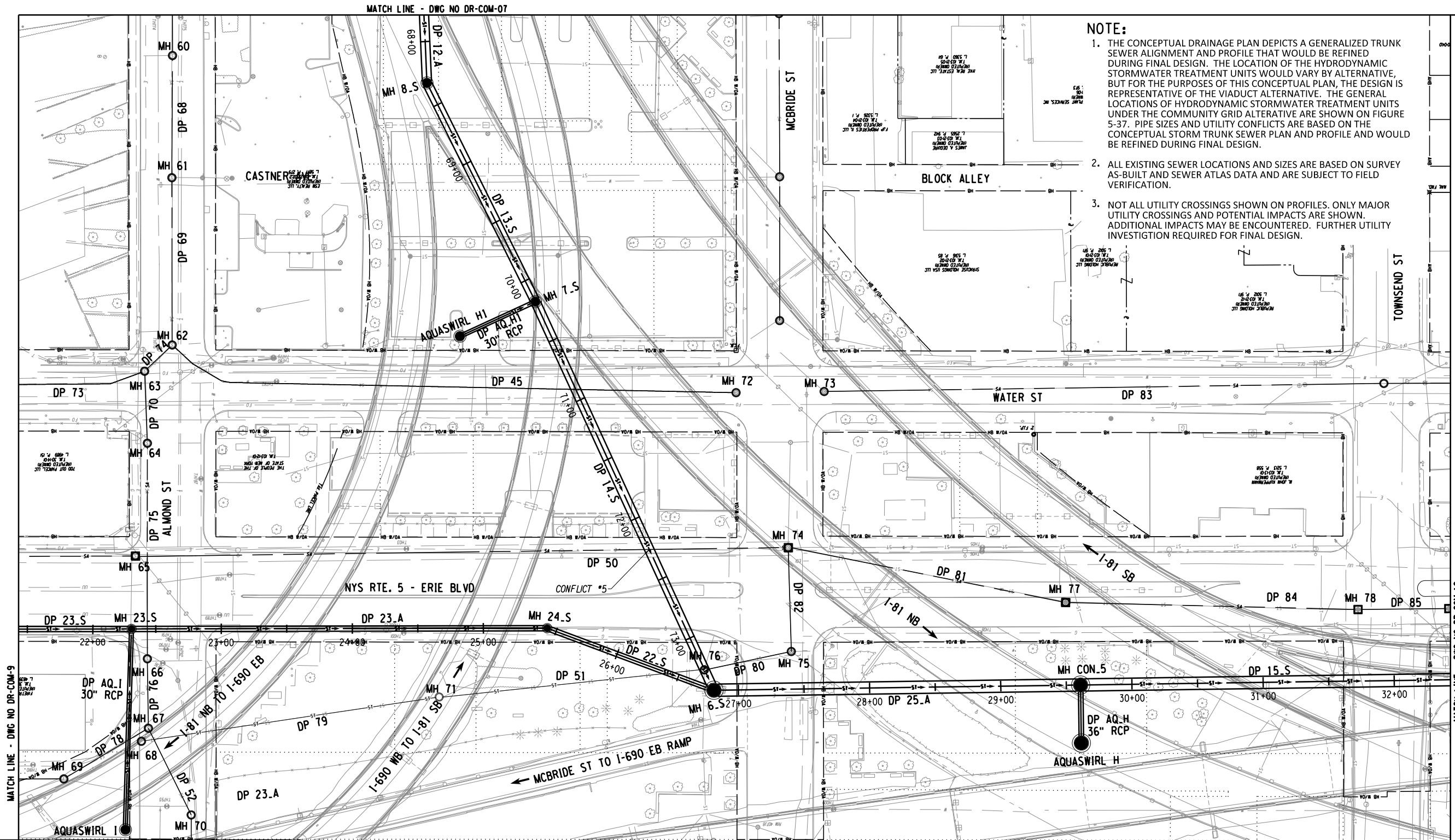


- HB W/OA — RIGHT-OF-WAY
===== PROPOSED STORM WATER COLLECTOR LINE
--- EXISTING COMBINED SEWER SYSTEM

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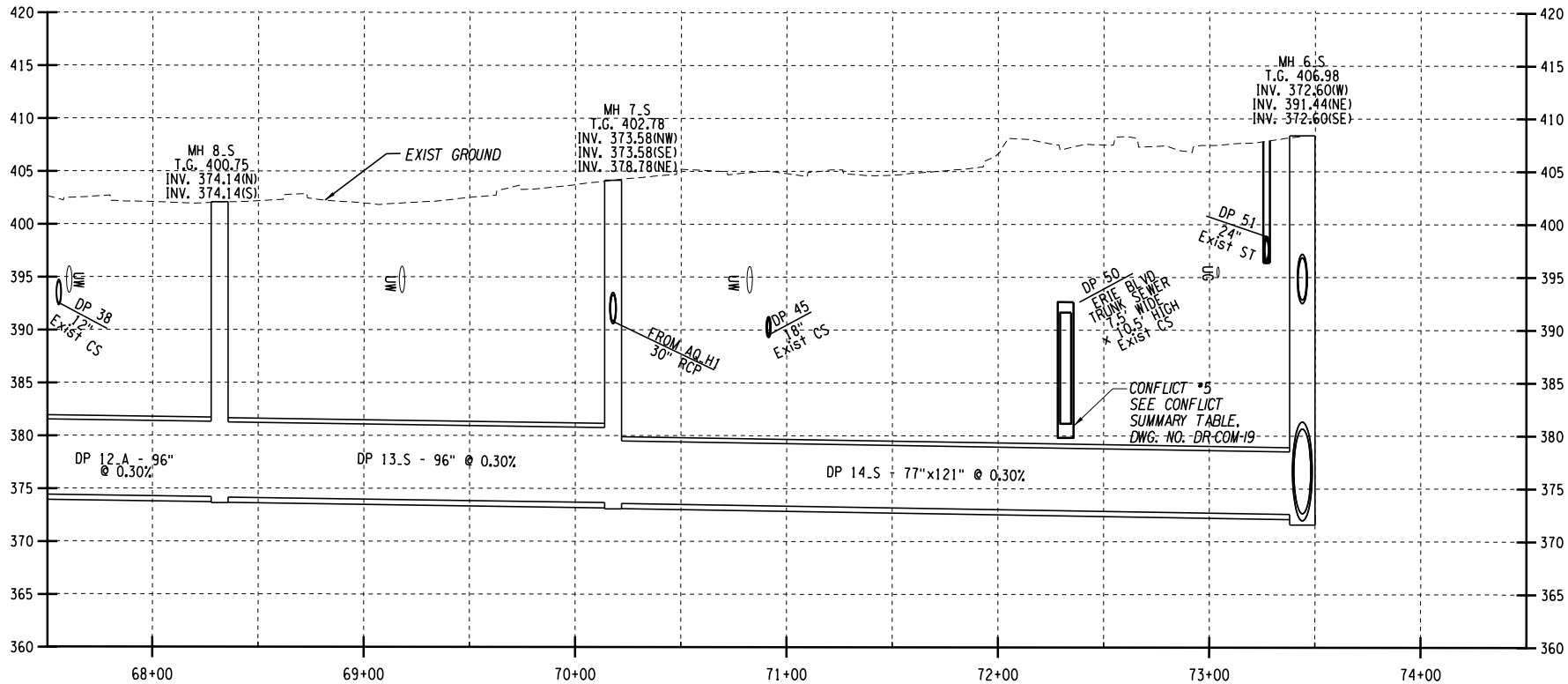
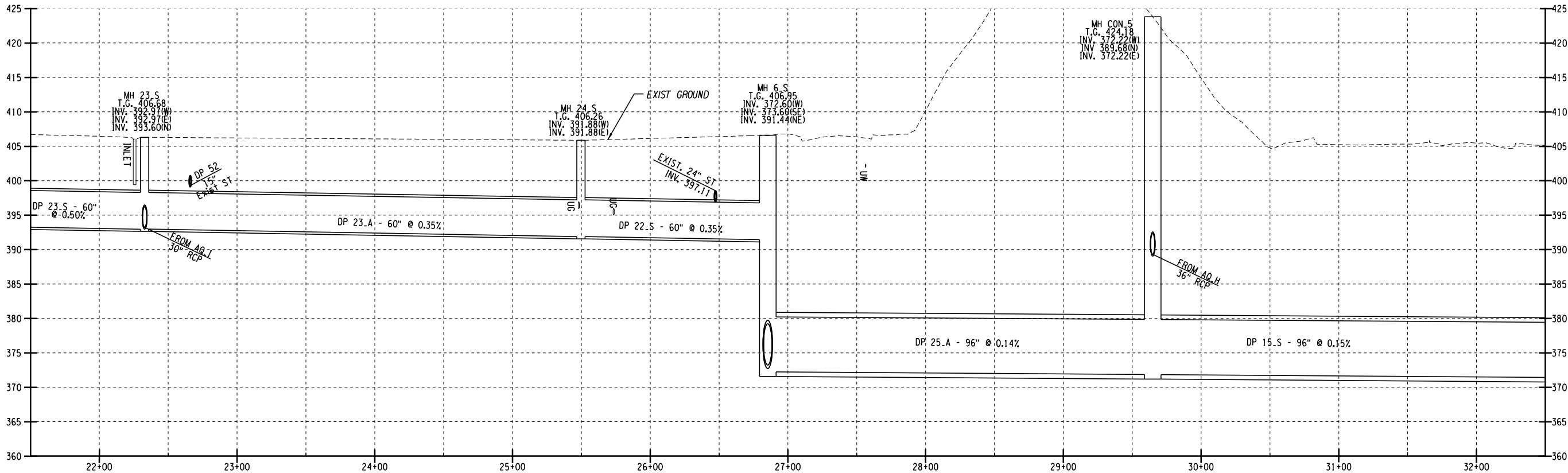
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COUNTY: ONONDAGA COUNTY, NY		REGION: 3			COMMON TO ALL ALTERNATIVES	SHEET NO.
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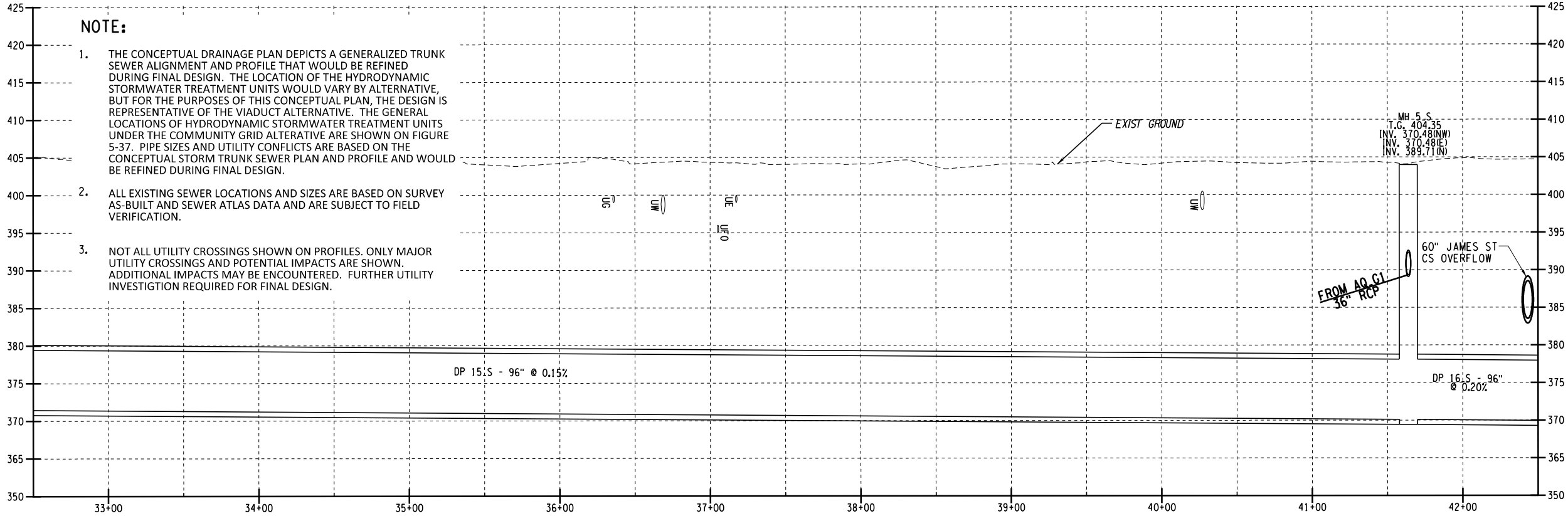
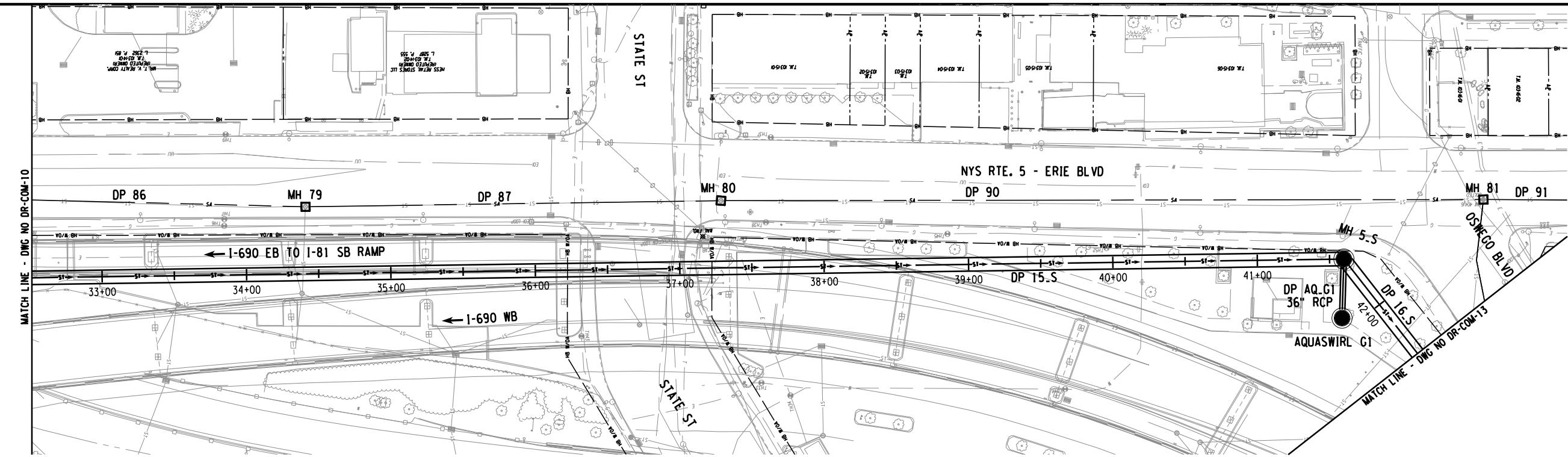
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— PROPOSED STORM WATER COLLECTOR LINE
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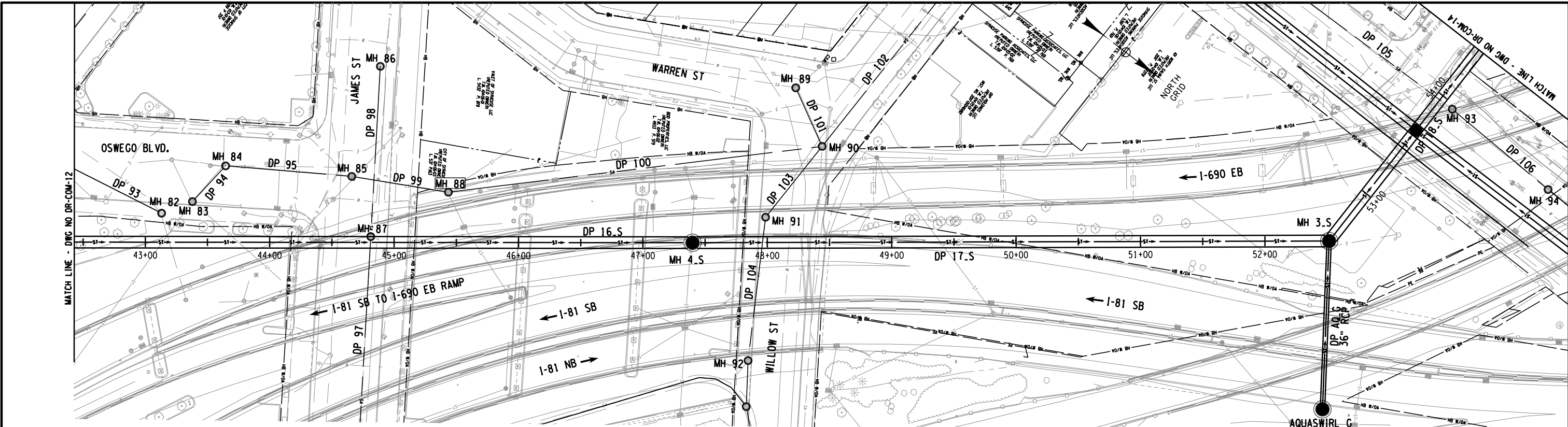
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT	PIN 3501.60	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D031085
					CONCEPTUAL DRAINAGE PLAN COMMON TO ALL ALTERNATIVES	DRAWING NO. DR-COM-12 SHEET NO.
	COUNTY: ONONDAGA COUNTY, NY REGION: 3					



Department of
Transportation

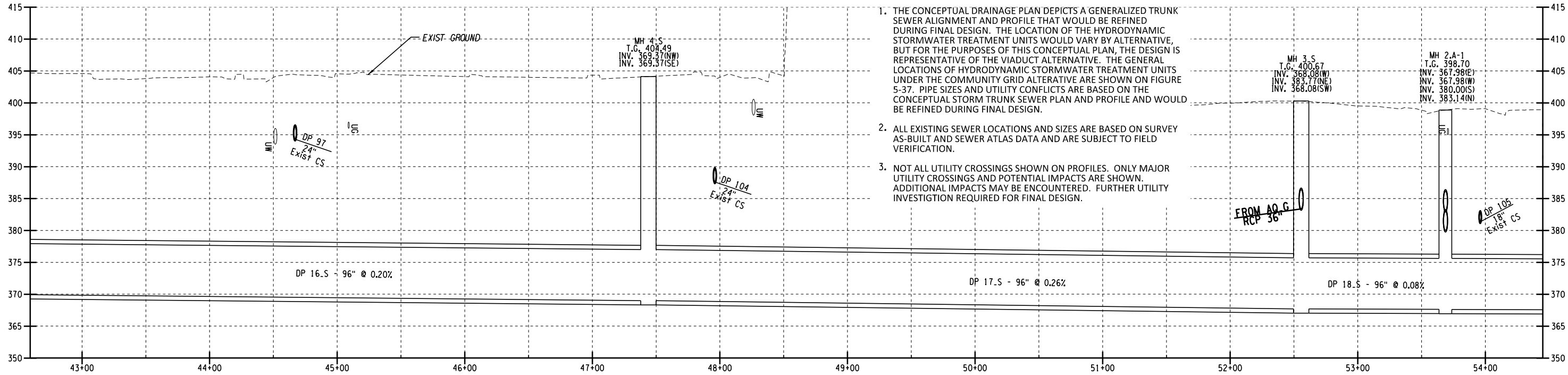
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DATE/TIME = 10/2/2020
USER = p0083193

PROJECT MANAGER H. LUNAR
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DRAFTING
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DESIGN
JOB MANAGER
DESIGN SUPERVISOR



NOTE:

1. THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN. THE LOCATION OF THE HYDRODYNAMIC STORMWATER TREATMENT UNITS WOULD VARY BY ALTERNATIVE, BUT FOR THE PURPOSES OF THIS CONCEPTUAL PLAN, THE DESIGN IS REPRESENTATIVE OF THE VIADUCT ALTERNATIVE. THE GENERAL LOCATIONS OF HYDRODYNAMIC STORMWATER TREATMENT UNITS UNDER THE COMMUNITY GRID ALTERNATIVE ARE SHOWN ON FIGURE 5-37. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL STORM TRUNK SEWER PLAN AND PROFILE AND WOULD BE REFINED DURING FINAL DESIGN.
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AFFIX SEAL: ON:	ALTERED BY: ON:



PARSONS

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

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I-81 VIADUCT		PIN 3501.60	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D031085
					CONCEPTUAL DRAINAGE PLAN COMMON TO ALL ALTERNATIVES	DRAWING NO. DR-COM-13 SHEET NO.
COUNTY: ONONDAGA COUNTY, NY	REGION: 3					

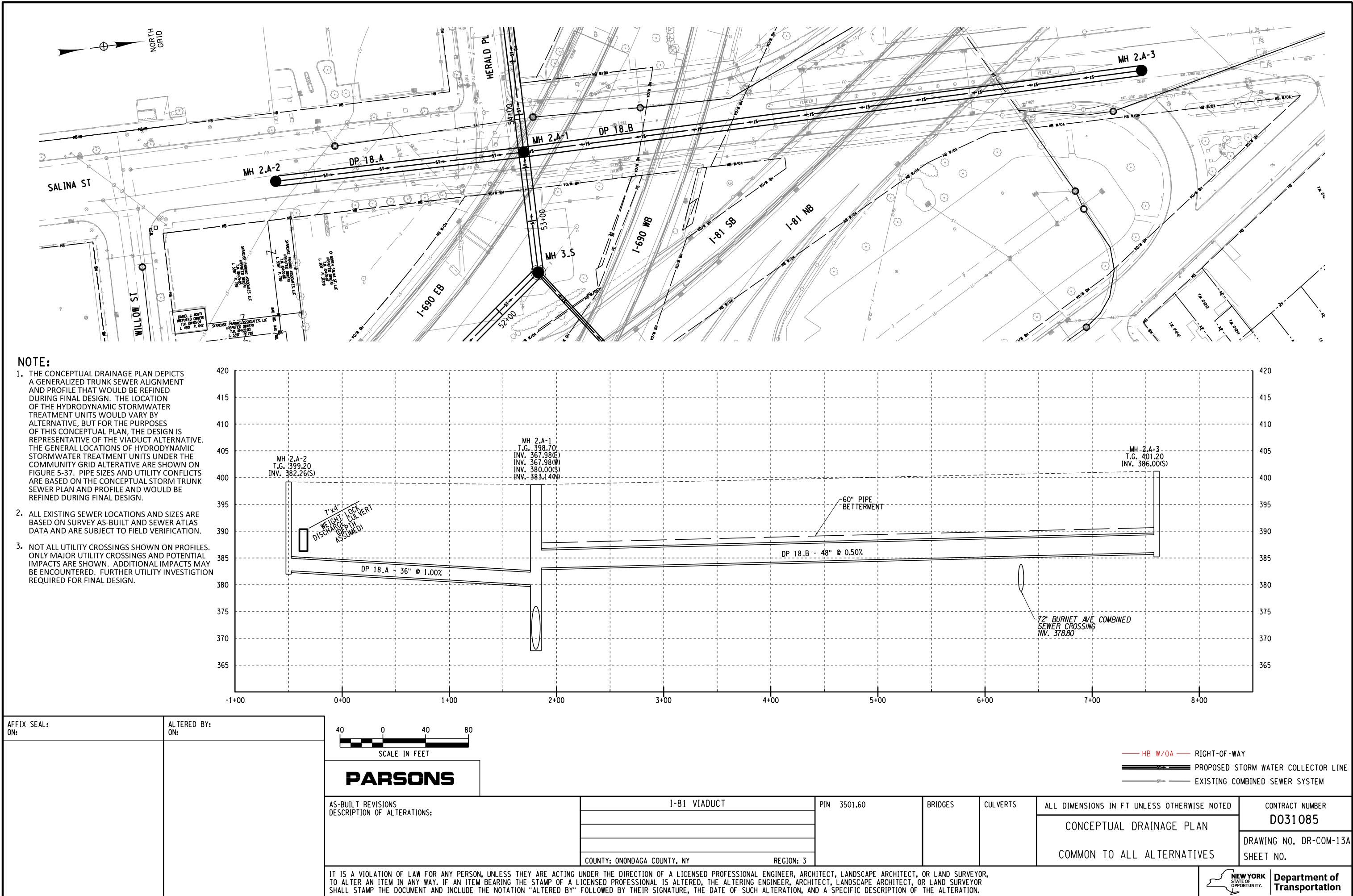
HB W/OA RIGHT-OF-WAY
PROPOSED STORM WATER COLLECTOR LINE
EXISTING COMBINED SEWER SYSTEM



Department of
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DESIGN SUPERVISOR
JOB MANAGER
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PROJECT MANAGER H. LUNGAR



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PROJECT MANAGER H. LUNAR

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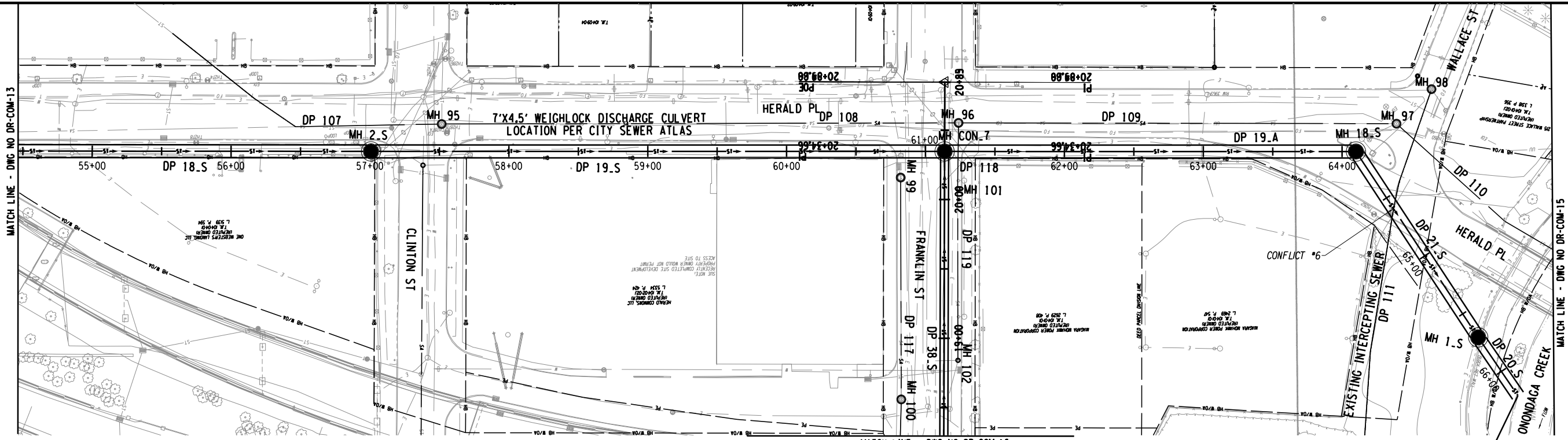
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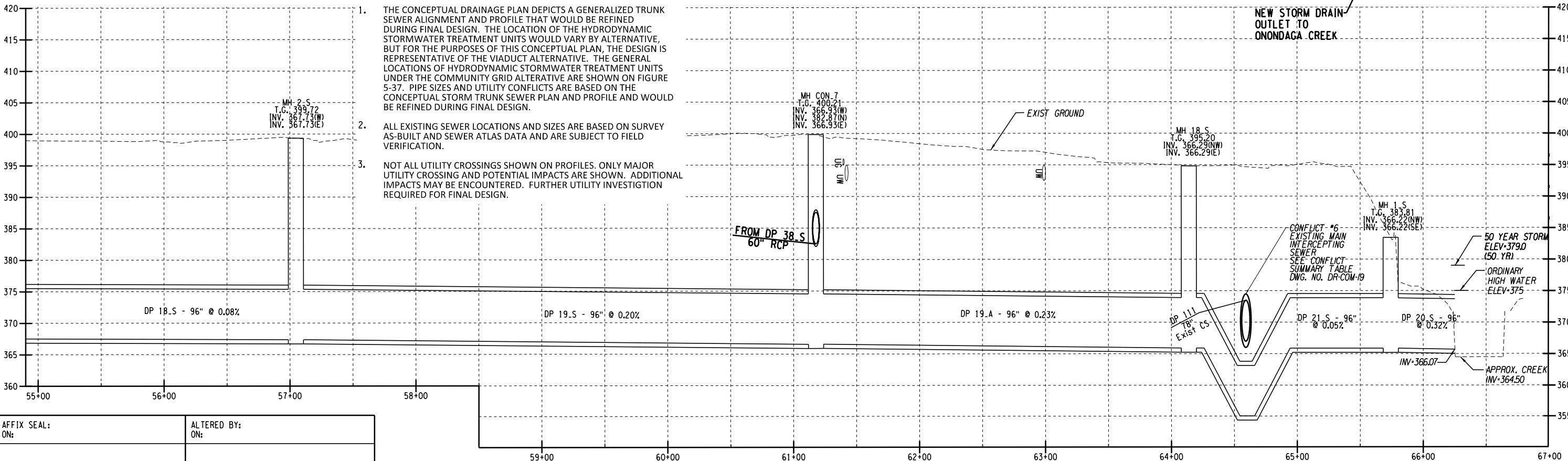
JOB MANAGER

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AFFIX SEAL:
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ON:

PARSONS



AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT

PIN 3501.60

BRIDGES

CULVERTS

CONCEPTUAL DRAINAGE PLAN

COMMON TO ALL ALTERNATIVES

CONTRACT NUMBER

D031085

DRAWING NO. DR-COM-14

SHEET NO.

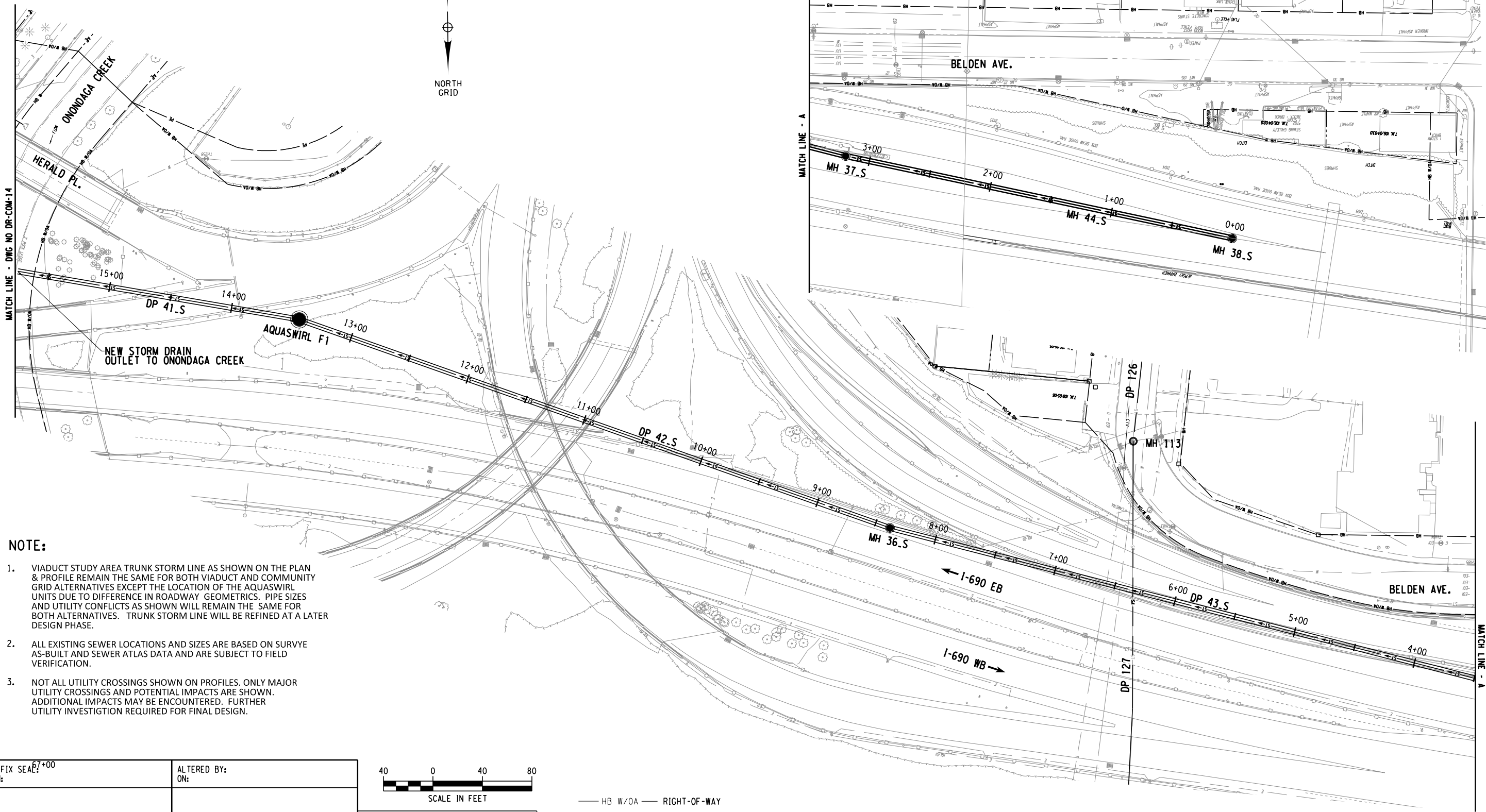
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**Department of
Transportation**

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PROJECT MANAGER H. LUNGAR
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DESIGN
JOB MANAGER
DESIGN SUPERVISOR



- NOTE:
- VIADUCT STUDY AREA TRUNK STORM LINE AS SHOWN ON THE PLAN & PROFILE REMAIN THE SAME FOR BOTH VIADUCT AND COMMUNITY GRID ALTERNATIVES EXCEPT THE LOCATION OF THE AQUASWIRL UNITS DUE TO DIFFERENCE IN ROADWAY GEOMETRICS. PIPE SIZES AND UTILITY CONFLICTS AS SHOWN WILL REMAIN THE SAME FOR BOTH ALTERNATIVES. TRUNK STORM LINE WILL BE REFINED AT A LATER DESIGN PHASE.
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AFFIX SEAL: ON:	ALTERED BY: ON:



PARSONS

- HB W/OA — RIGHT-OF-WAY
— PROPOSED STORM WATER COLLECTOR LINE
— EXISTING COMBINED SEWER SYSTEM

AS-BUILT REVISIONS
DESCRIPTION OF ALTERATIONS:

I-81 VIADUCT

PIN 3501.60

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER

D031085

CONCEPTUAL DRAINAGE PLAN

DRAWING NO. DR-COM-15

COMMON TO ALL ALTERNATIVES

SHEET NO.

COUNTY: ONONDAGA COUNTY, NY

REGION: 3

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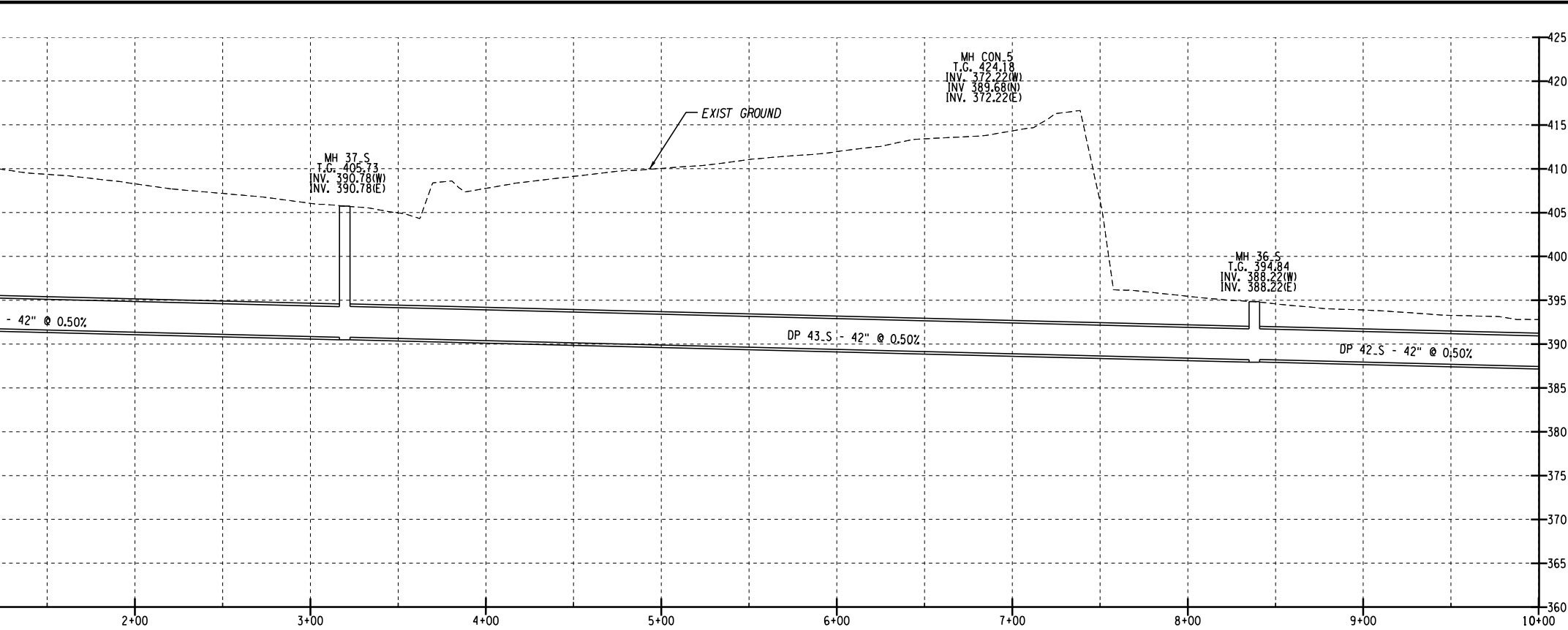
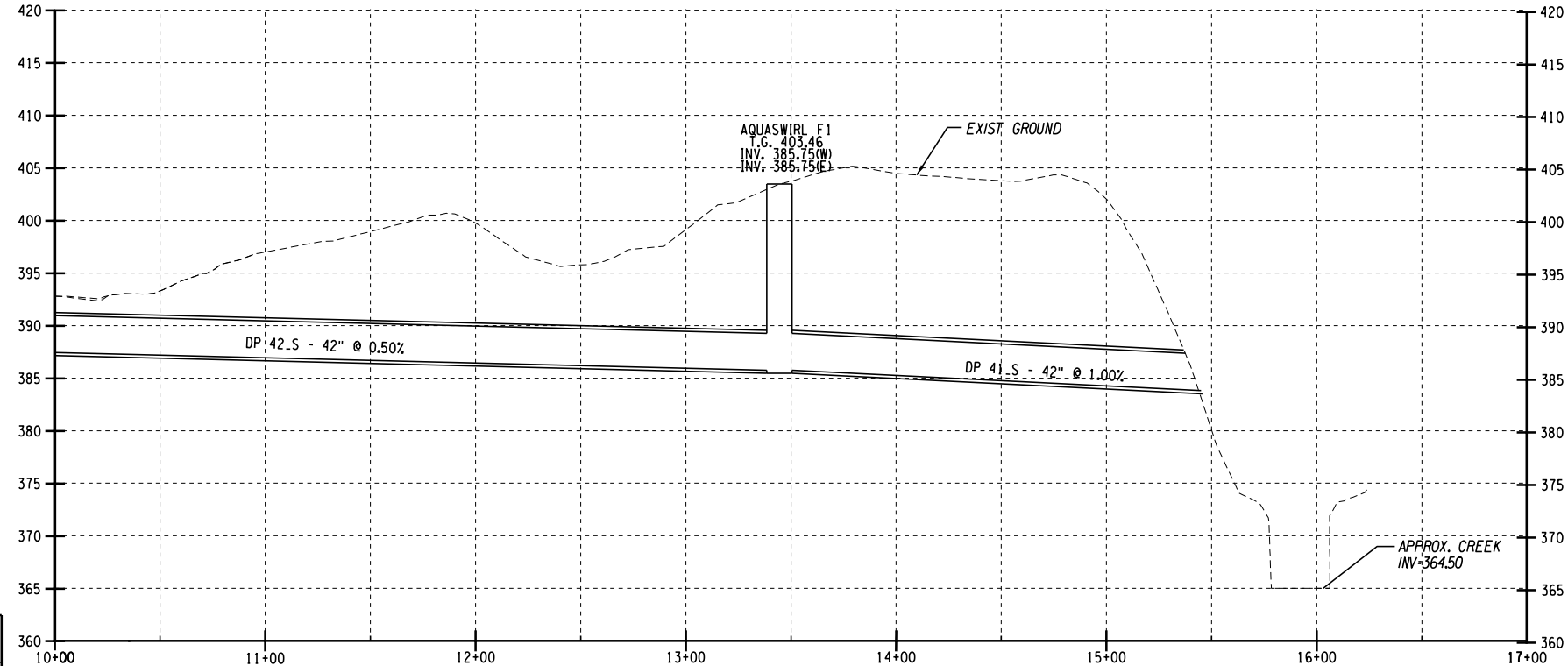




Department of
Transportation

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DESIGN SUPERVISOR
JOB MANAGER
DESIGN
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DRAFTING
CHECK
PROJECT MANAGER H. LUNGAR


AFFIX SEAL: ON:	ALTERED BY: ON:





AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT	PIN 3501.60	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D031085
						DRAWING NO. DR-COM-15A
						SHEET NO.
	COUNTY: ONONDAGA COUNTY, NY					REGION: 3

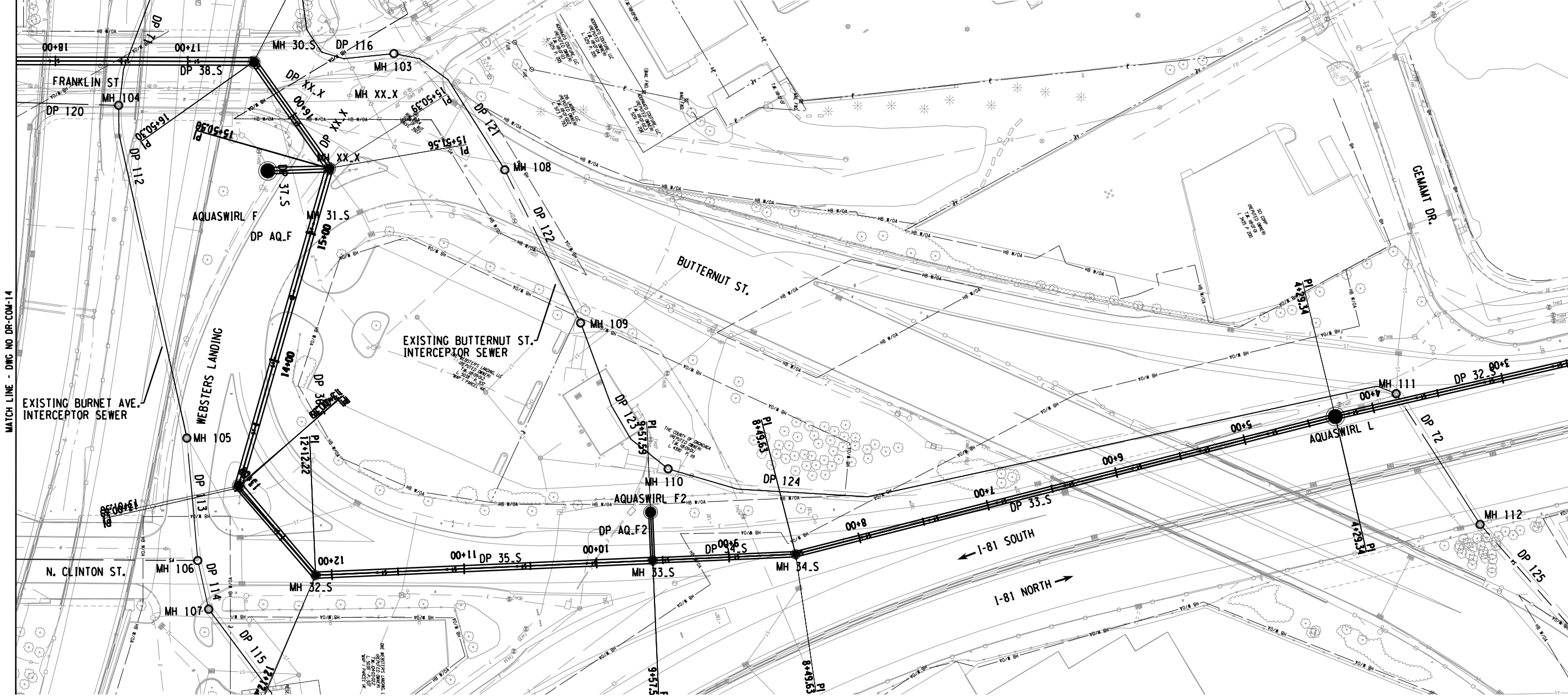
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Department of
Transportation

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DATE/TIME = 10/2/2020
USER = p0083193

PROJECT MANAGER H. LUNGAR
CHECK
DRAFTING
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DESIGN
JOB MANAGER
DESIGN SUPERVISOR



NOTE:

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HB W/OA RIGHT-OF-WAY
PROPOSED STORM WATER COLLECTOR LINE
EXISTING COMBINED SEWER SYSTEM

AFFIX SEAL: ON:	ALTERED BY: ON:
<div>PARSONS</div> <div>AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:</div>	



PARSONS

AS-BUILT REVISIONS
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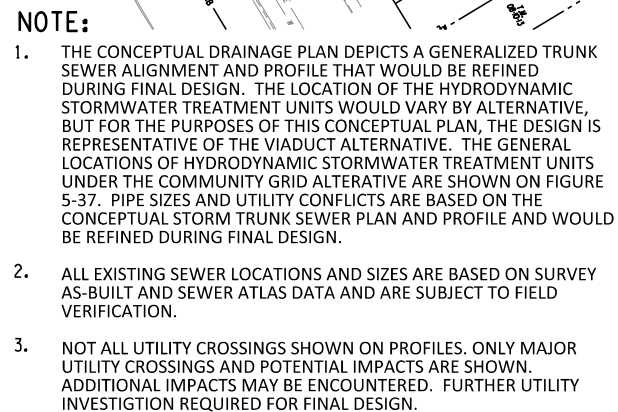
I-81 VIADUCT	PIN 3501.60
COUNTY: ONONDAGA COUNTY, NY	REGION: 3

BRIDGES	CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED
CONCEPTUAL DRAINAGE PLAN
COMMON TO ALL ALTERNATIVES

CONTRACT NUMBER D031085
DRAWING NO. DR-COM-16 SHEET NO.





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— HB W/OA — RIGHT-OF-WAY
 PROPOSED STORM WATER COLLECTOR LINE
 EXISTING COMBINED SEWER SYSTEM

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D031085
CONCEPTUAL DRAINAGE PLAN	DRAWING NO. DR-COM-17
COMMON TO ALL ALTERNATIVES	SHEET NO.



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PROJECT MANAGER H. LUNGAR

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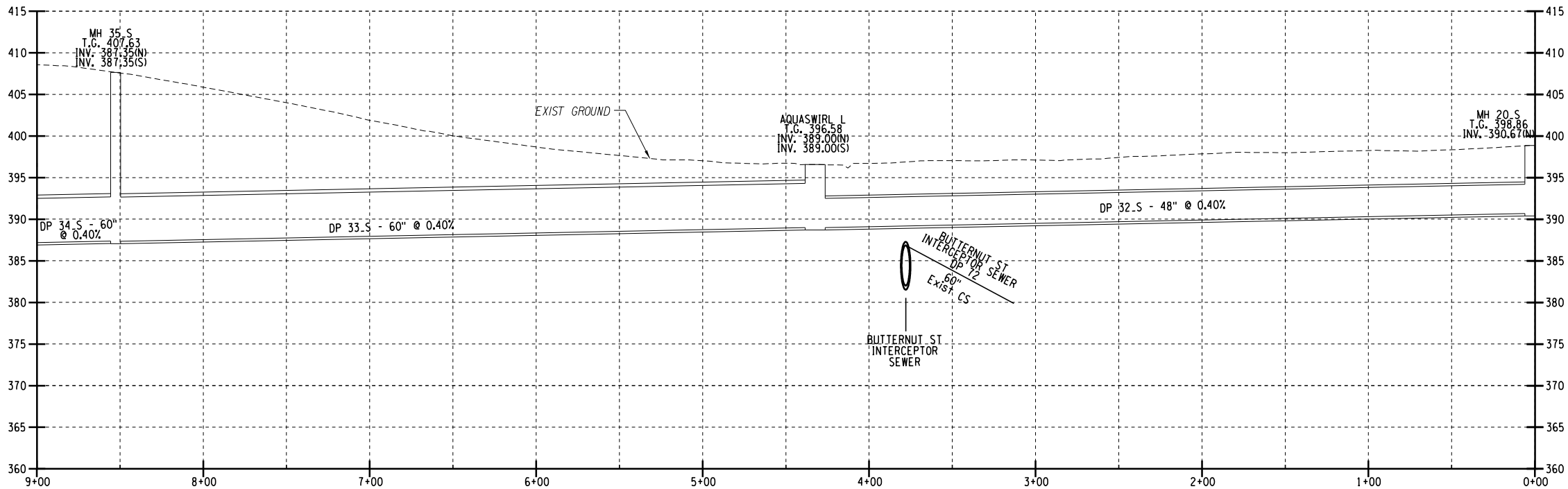
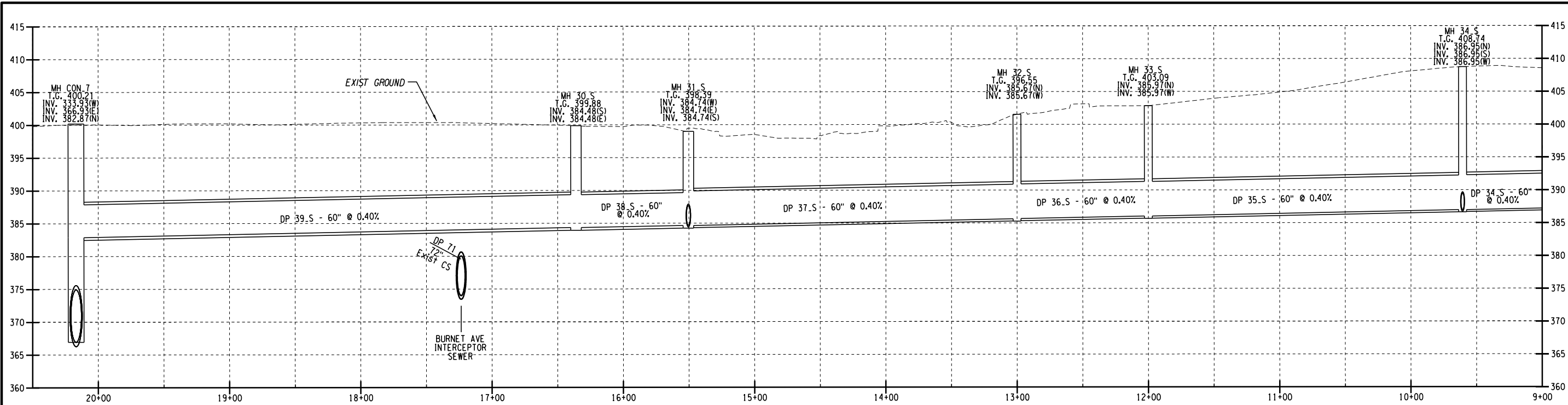
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DESIGN

JOB MANAGER

DESIGN SUPERVISOR



AFFIX SEAL: ON:	ALTERED BY: ON:
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AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	I-81 VIADUCT	PIN 3501.60	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D031085
						DRAWING NO. DR-COM-18
						SHEET NO.
	COUNTY: ONONDAGA COUNTY, NY					REGION: 3
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FILE NAME = DGN\$SPEC01234567890123456789012345678901234
DATE/TIME = DGN\$SYTIME0123456
USER = DGN\$USERNAME

DESIGN SUPERVISOR JOB MANAGER DESIGN CHECK DRAFTING CHECK PROJECT MANAGER H. LUNGAR

I-81 PROPOSED STORMDRAIN TRUNK LINE WITH UTILITIES CONFLICT SUMMARY								
CONFLICT NO.	PROPOSED PIPE LOCATION (INTERSECTION)	CONFLICT LOCATION (INTERSECTION)	PROPOSED SEWER STA.	TYPE OF UTILITY	PROPOSED STORM SEWER SIZE	SIZE OF CONFLICTING UTILITY	COMMENTS	RESOLUTION
1	DP 3_S	DP 2	12+35	STORM ONLY OR COMBINED SEWER, TO BE CONFIRMED	36"	18"	THE EXISTING STORM SEWER IS IN LIKELY CONFLICT WITH THE PROPOSED STORM SEWER.	THE CITY RECORD PLANS SUGGEST THIS MAY BE A SEPARATED STORM SEWER, WHICH IF CONFIRMED, CAN BE INTERCEPTED BY THE PROPOSED TRUNKLINE. IF THE EXISTING SEWER IS COMBINED, RELOCATION IS REQUIRED. THE EXISTING STORM SEWER MAY BE ADJUSTED ABOVE THE PROPOSED TRUNK LINE; AN ADDITIONAL MANHOLE MAY BE REQUIRED.
2	DP 4_S	DP 6	16+80	COMBINED SEWER	36"	36"	THE EXISTING STORM SEWER IS IN LIKELY CONFLICT WITH THE PROPOSED STORM SEWER.	COMBINED SEWER MAY BE REPLACED ABOVE THE PROPOSED TRUNKLINE; AN ADDITIONAL MANHOLE WILL BE REQUIRED.
3	DP 9_S	DP 15	48+95	COMBINED SEWER	54"	18"/66"	PHYSICAL CONFLICT CAN BE AVOIDED, BUT PROTECTION MEASURES REQUIRED TO AVOID DAMAGE TO EXISTING COMBINED SEWER	UTILIZE TEMPORARY PROTECTION AND BRACING AS NECESSARY TO AVOID DAMAGE TO EXISTING COMBINED SEWER
4	DP 10_A	DP 244	58+22.5	COMBINED SEWER	77"x121" ELIPTICAL (96" EQUIVALENT)	84"	PHYSICAL CONFLICT CAN BE AVOIDED, BY UTILIZING A LOW PROFILE PIPE SIZE AND EMPLOYING PROTECTION MEASURES NECESSARY TO AVOID DAMAGE TO EXISTING COMBINED SEWER	UTILIZE LOW PROFILE PIPE AND TEMPORARY PROTECTION AND BRACING AS NECESSARY TO AVOID DAMAGE TO EXISTING COMBINED SEWER
5	DP 14_S	DP 50	72+35	COMBINED SEWER	77"x121" ELIPTICAL (96" EQUIVALENT)	7.5'Wx10'H (ERIE BLVD)	PHYSICAL CONFLICT CAN BE AVOIDED, BY UTILIZING A LOW PROFILE PIPE SIZE AND EMPLOYING PROTECTION MEASURES NECESSARY TO AVOID DAMAGE TO EXISTING COMBINED SEWER	UTILIZE LOW PROFILE PIPE AND TEMPORARY PROTECTION AND BRACING AS NECESSARY TO AVOID DAMAGE TO EXISTING COMBINED SEWER
6	DP 21_S	DP 111	64+60	COMBINED SEWER (MAIN COUNTY INTERCEPTOR)	96"	78" (MAIN COUNTY INTERCEPTOR SEWER)	RELOCATION OF EXISTING COMBINED SEWER IS NOT FEASIBLE, NOR WOULD RELOCATING NEW TRUNK SEWER TO AVOID CONFLICT	CONSTRUCT SIPHON AS PER CONCEPT PLAN DRAWING.

NOTE: CONFLICT LOCATIONS WERE IDENTIFIED USING THE SEWER ATLAS. THE ELEVATIONS WERE FOUND USING THE SYRACUSE DATUM AND ADDING 362 TO MATCH THE NVGD DATUM FOR 1929. THE CONFLICTS WILL NEED TO BE VERIFIED IN THE FIELD.

AFFIX SEAL: 67+00 ON:		ALTERED BY: ON:													
<div>PARSONS</div>		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		I-81 VIADUCT		PIN 3501.60	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D031085				
									CONCEPTUAL DRAINAGE PLAN		DRAWING NO. DR-COM-19				
									COMMON TO ALL ALTERNATIVES		SHEET NO.				
				COUNTY: ONONDAGA COUNTY, NY		REGION: 3									
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