

TOWN BROOK
FLOW RESTORATION PROJECT
QUINCY, MA

PREPARED FOR:



MASSACHUSETTS DIVISION OF MARINE FISHERIES

DRAWING LIST			
DRAWING	TITLE	DRAWING	TITLE
0-0	COVER SHEET	1-3	ALTERNATIVE 1: TUNNEL INTAKE AREA GRAVITY OPTION – SECTIONS
0-1	EXISTING CONDITIONS: TUNNEL INTAKE AREA – PLAN	2-1	ALTERNATIVE 2: TUNNEL INTAKE AREA PUMP OPTION – PLAN
0-2	EXISTING CONDITIONS: TUNNEL INTAKE AREA – SECTIONS	2-2	ALTERNATIVE 2: TUNNEL INTAKE AREA PUMP OPTION – SECTIONS
0-3	EXISTING CONDITIONS: TUNNEL INTAKE AREA – SECTIONS	2-3	ALTERNATIVE 2: TUNNEL INTAKE AREA PUMP OPTION – SECTIONS
0-4	EXISTING CONDITIONS: CENTRE ST. JCT. – PLANS	3-1	ALTERNATIVE 3: CENTRE ST. JCT. GRAVITY OPTION – PLANS
0-5	EXISTING CONDITIONS: CENTRE ST. JCT. – SECTIONS AND ELEVATIONS	3-2	ALTERNATIVE 3: CENTRE ST. JCT. GRAVITY OPTION – SECTIONS AND ELEVATIONS
0-6	STOPLOG PLAN AND DETAILS	4-1	ALTERNATIVE 4: CENTRE ST. JCT. PUMP OPTION – PLANS
1-1	ALTERNATIVE 1: TUNNEL INTAKE AREA GRAVITY OPTION – PLAN	4-2	ALTERNATIVE 4: CENTRE ST. JCT. PUMP OPTION – SECTIONS AND ELEVATIONS
1-2	ALTERNATIVE 1: TUNNEL INTAKE AREA GRAVITY OPTION – SECTIONS		

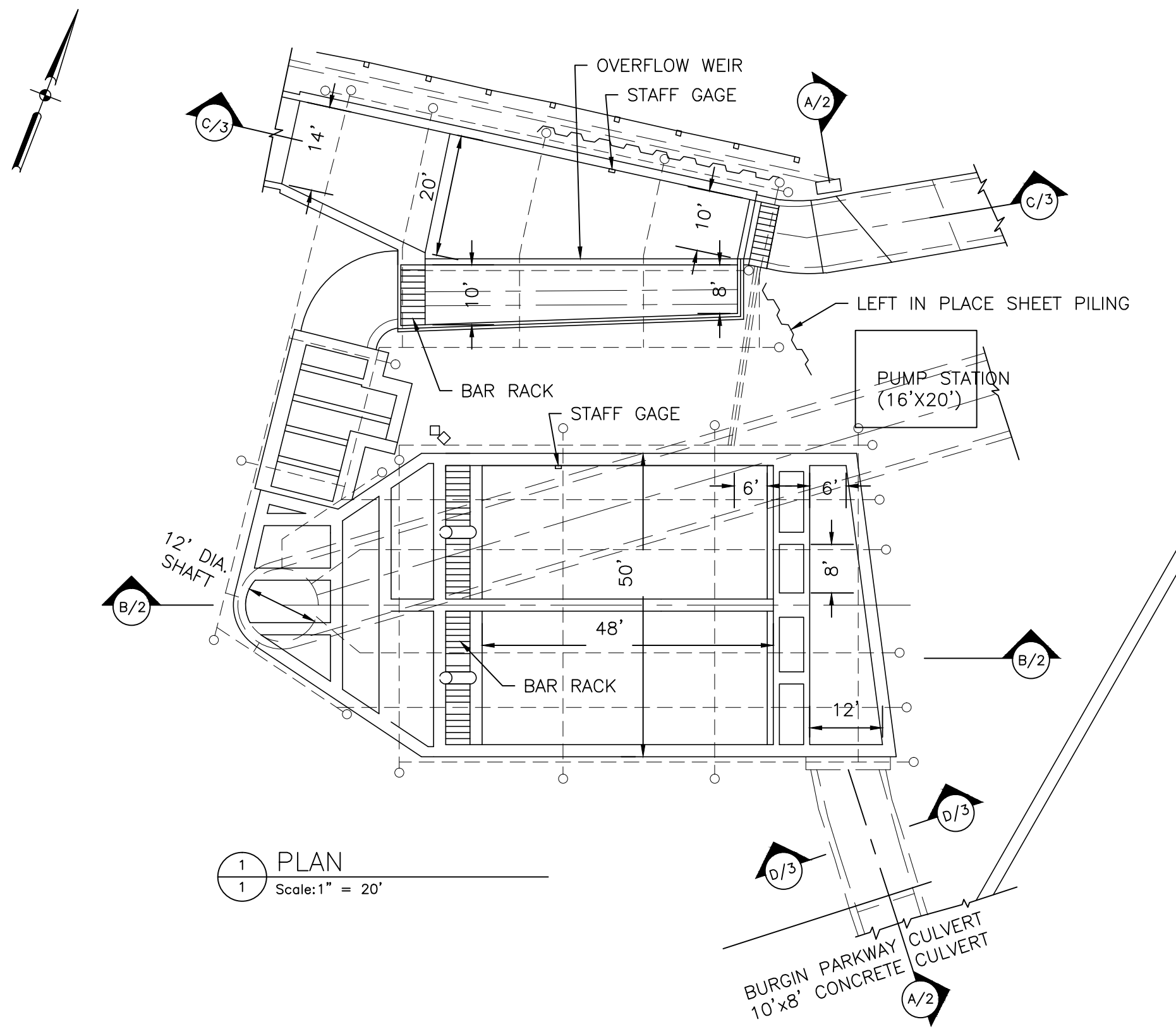
TOWN BROOK FLOW RESTORATION PROJECT
QUINCY, MA
MASSACHUSETTS DIVISION OF MARINE FISHERIES

COVER SHEET

SCALE: AS NOTED

DRAWING NO. 0-0





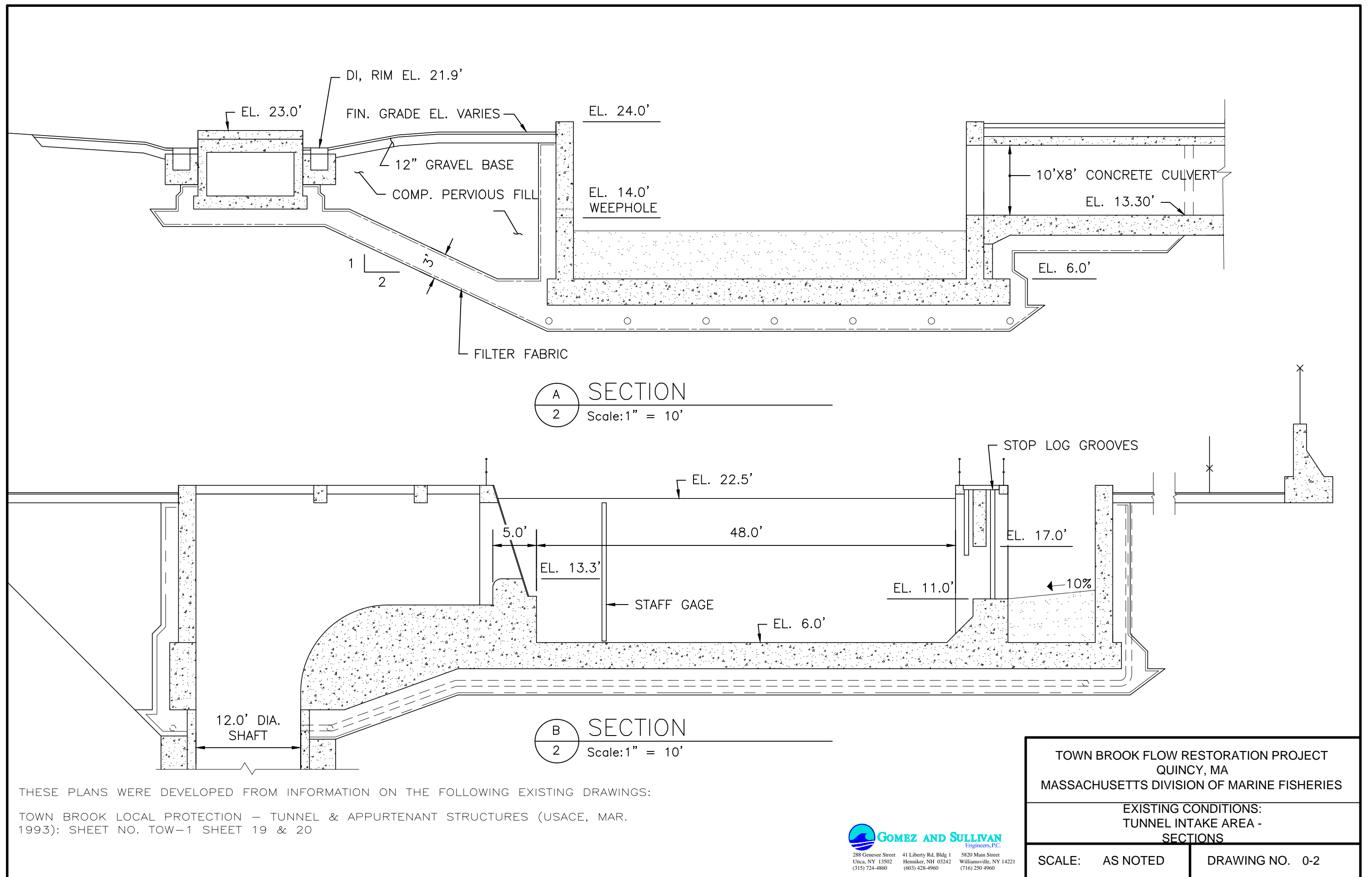
1 PLAN
1 Scale: 1" = 20'

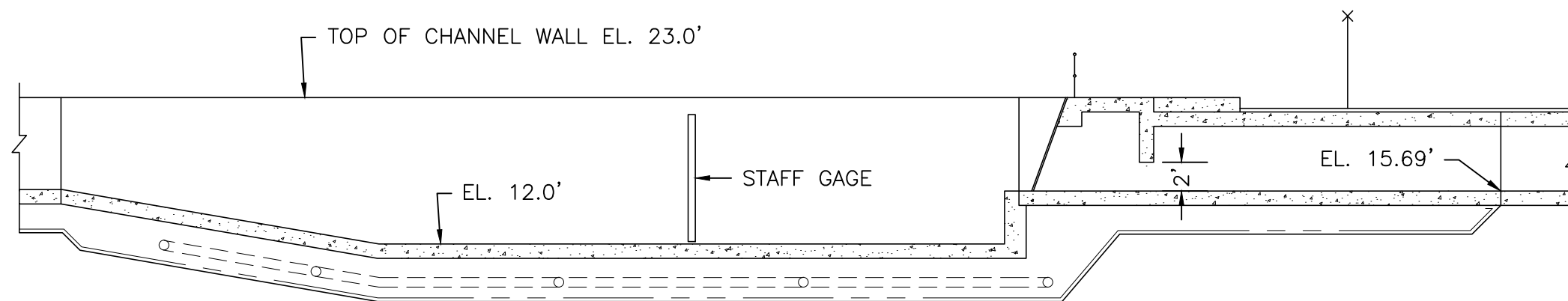
THESE PLANS WERE DEVELOPED FROM INFORMATION ON THE FOLLOWING EXISTING DRAWINGS:

TOWN BROOK LOCAL PROTECTION — TUNNEL & APPURTENANT STRUCTURES (USACE, MAR. 1993); SHEET NO. TOW-1 SHEET 19 & 20

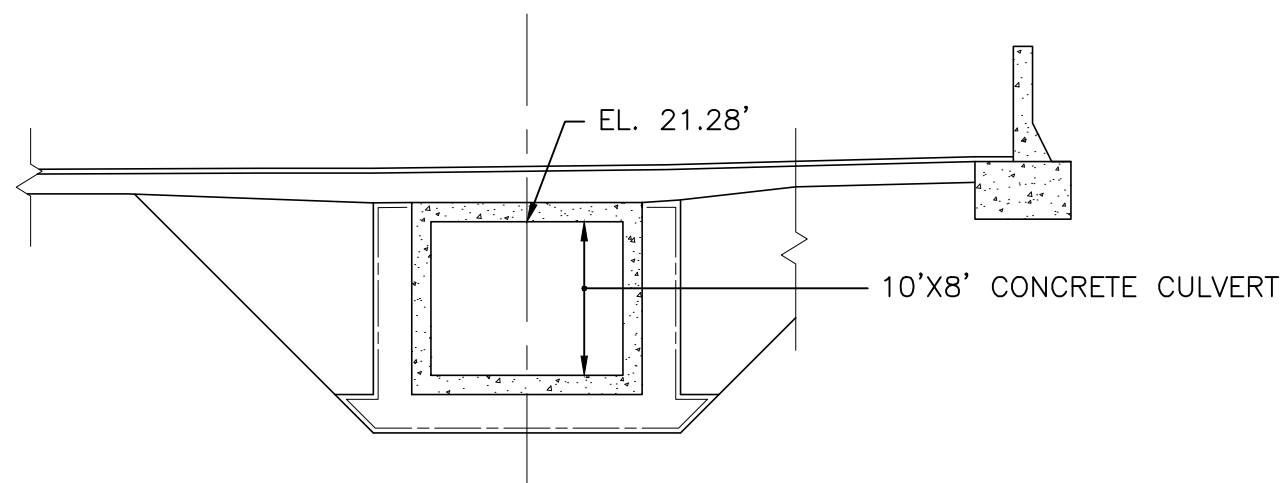
GOMEZ AND SULLIVAN
Engineers, P.C.
288 Genesee Street
Utica, NY 13502
(315) 724-4860
41 Liberty Rd. Bldg 1
Henniker, NH 03242
(603) 428-4960
5820 Main Street
Williamsville, NY 14221
(716) 250-4960

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EXISTING CONDITIONS: TUNNEL INTAKE AREA - PLAN		
SCALE:	AS NOTED	DRAWING NO. 0-1





C
3 SECTION
Scale: 1" = 10'



D
3 SECTION
Scale: 1" = 10'

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TOWN BROOK LOCAL PROTECTION — TUNNEL & APPURTENANT STRUCTURES (USACE, MAR. 1993): SHEET NO. TOW-1 SHEET 19 & 20

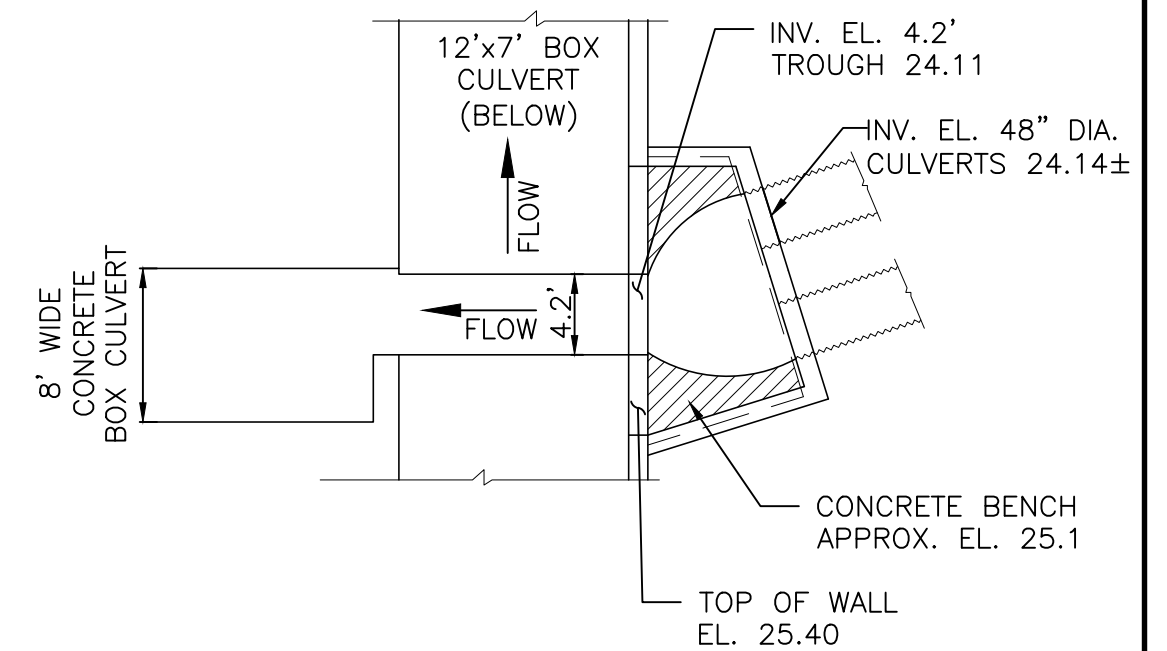
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Engineers, P.C.
288 Genesee Street
Utica, NY 13502
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Henniker, NH 03242
(603) 428-4960
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EXISTING CONDITIONS:
TUNNEL INTAKE AREA -
SECTIONS

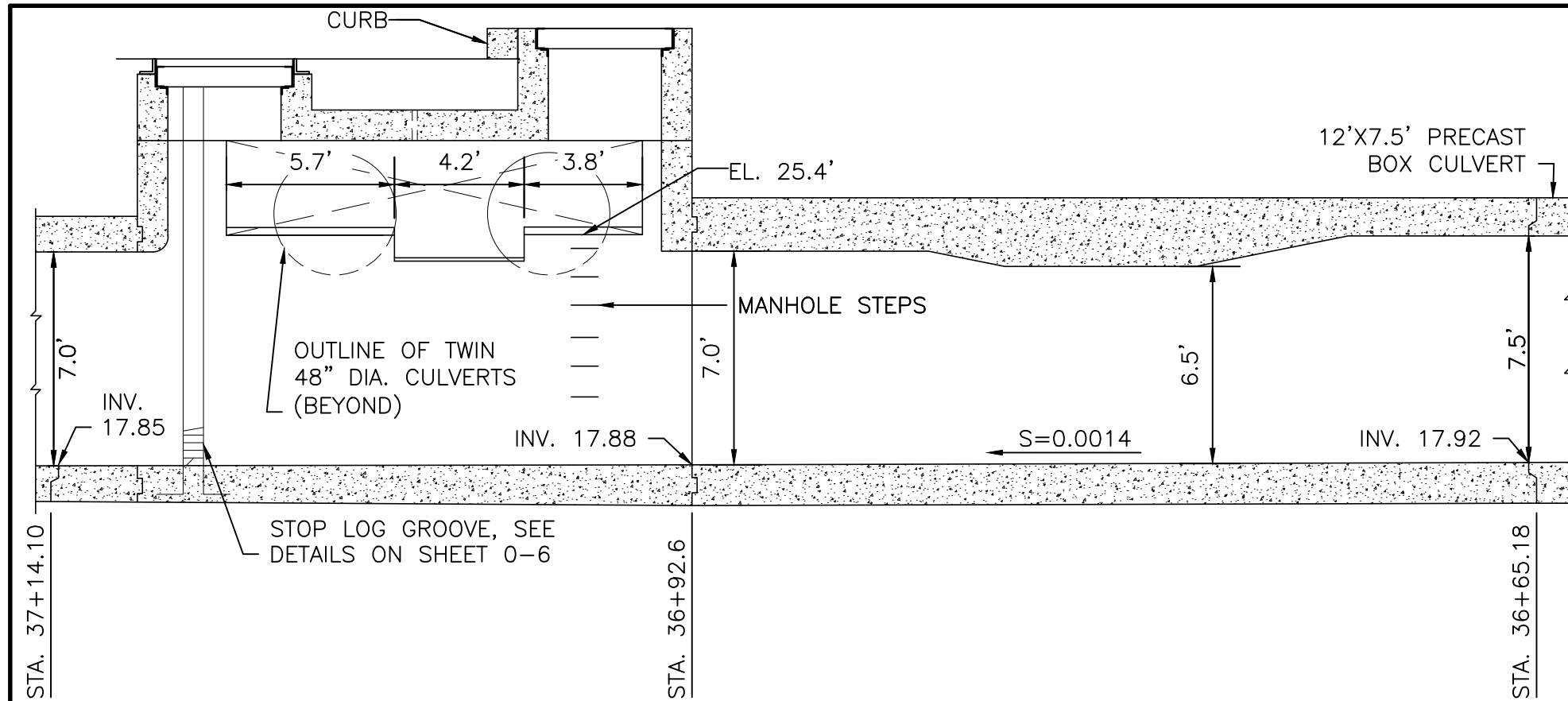
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DRAWING NO. 0-3

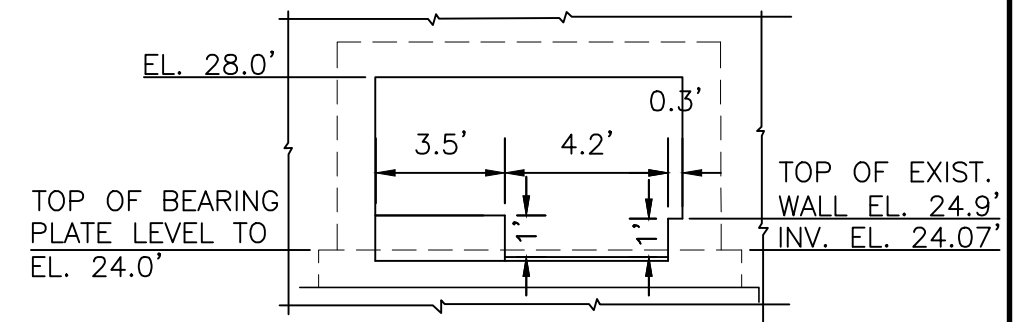


TOWN BROOK LOCAL PROTECTION - REVISIONS TO CENTRE ST.
JCT. STRUCTURE (USACE, APR 1999): SHEET NO. 6 OF 7

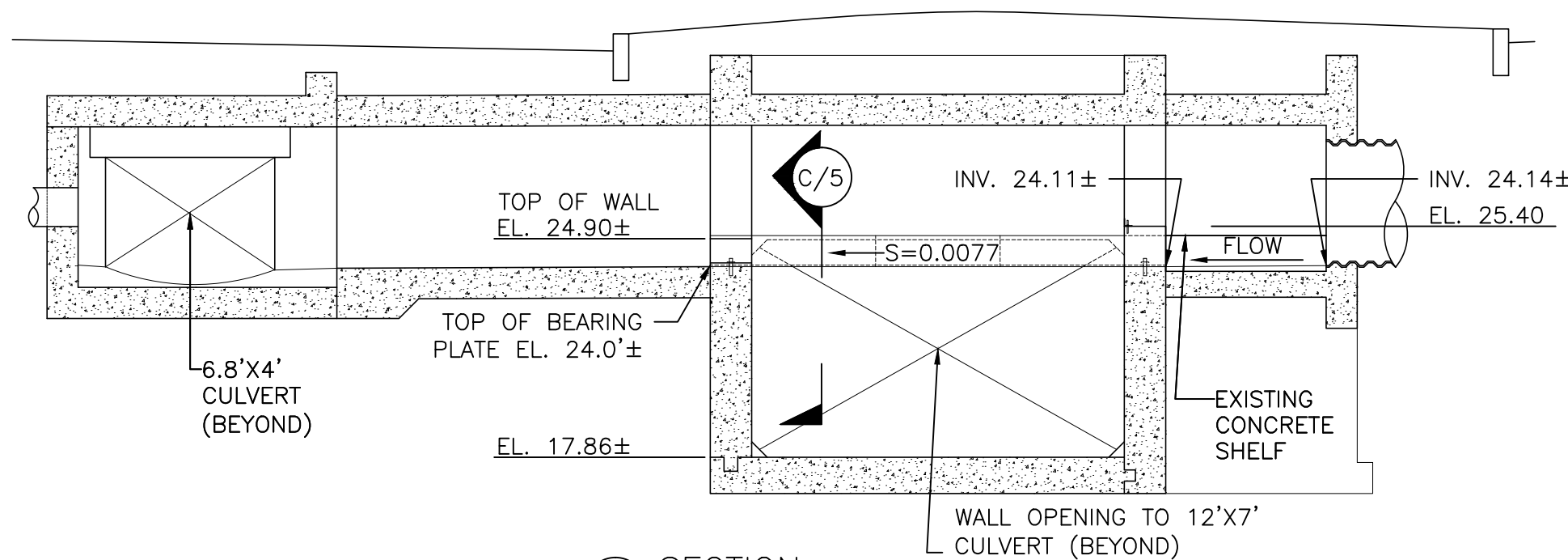
DRAWING NO. 0-4



A SECTION
5 Scale: 1" = 5'



C SECTION
5 Scale: 1" = 5'



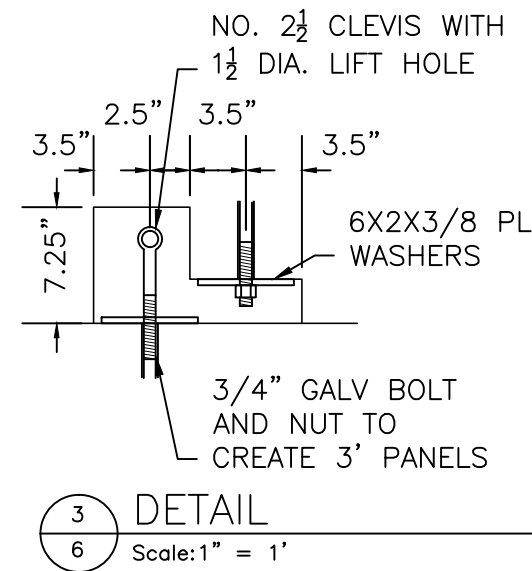
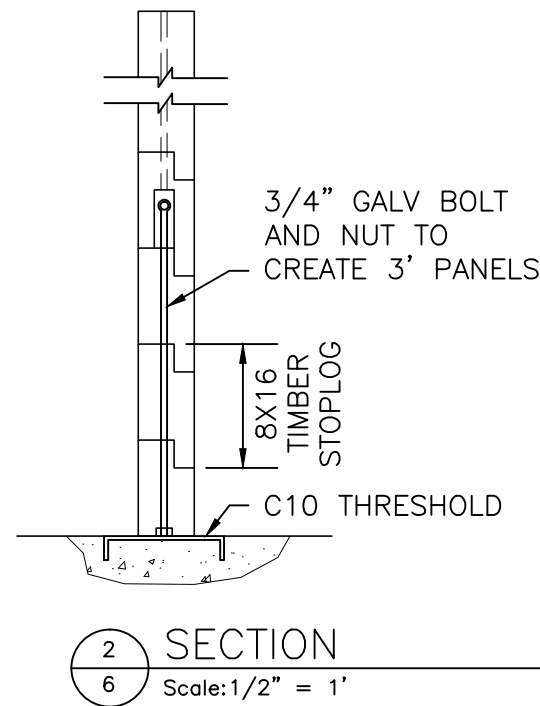
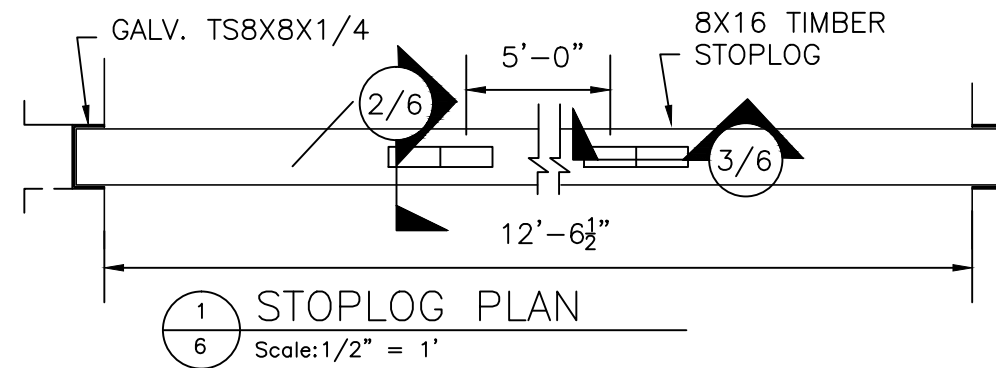
B SECTION
5 Scale: 1" = 5'

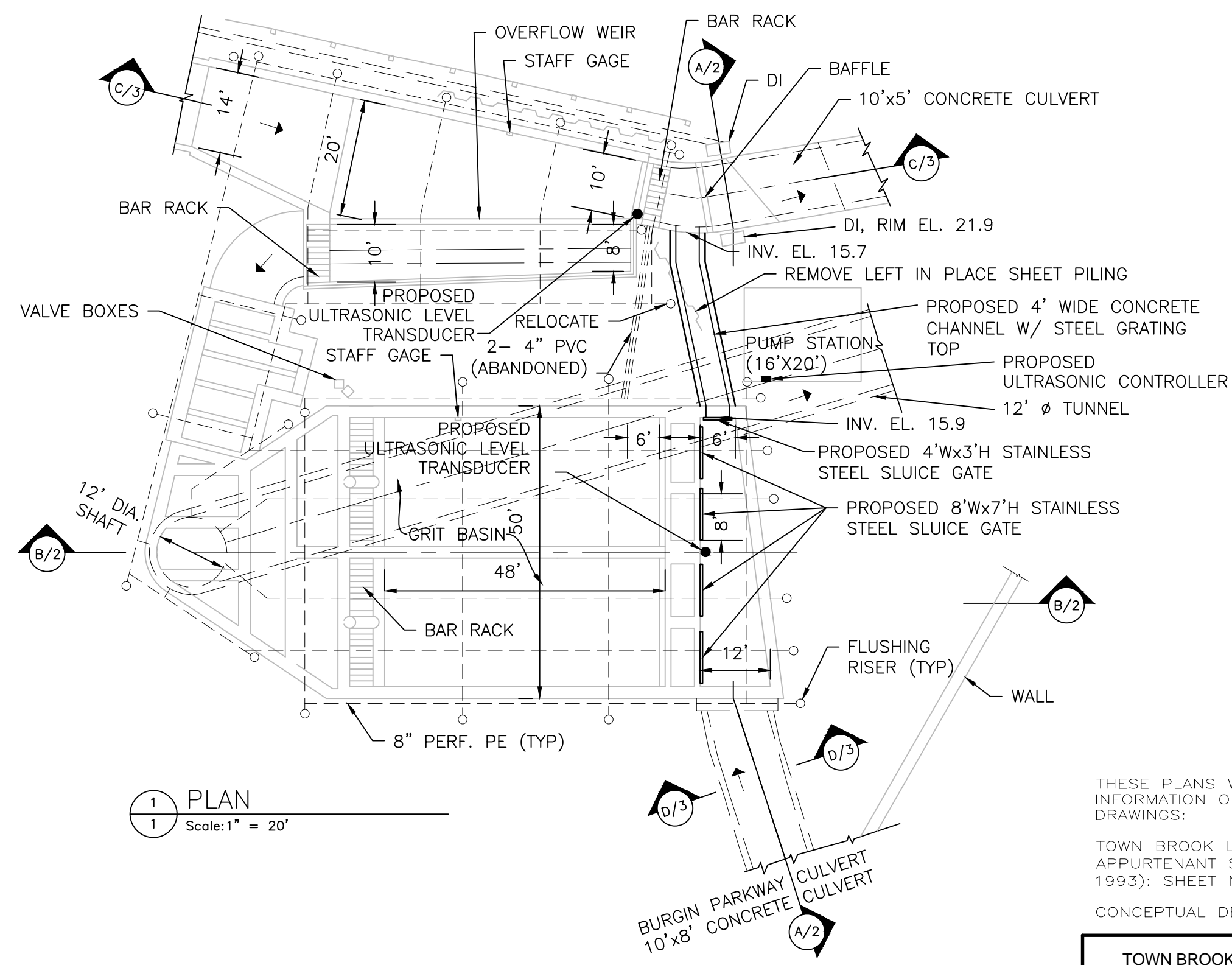
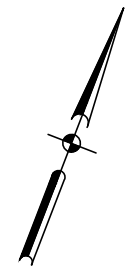
THESE PLANS WERE DEVELOPED FROM INFORMATION ON THE FOLLOWING EXISTING DRAWINGS:

TOWN BROOK FLOOD CONTROL PROJECT — CENTRE ST. CULVERT (MDC, OCT. 1980): DWG. NO. 3, 4, AND 5 OF 7

CENTRE ST./CROWN COLONY DR. STREET RECONSTRUCTION — DRAINAGE CONTROL STRUCTURE MODIFICATIONS (MAR. 1989): SHEET NO. 1 OF 2

TOWN BROOK LOCAL PROTECTION — REVISIONS TO CENTRE ST. JCT. STRUCTURE (USACE, APR 1999): SHEET NO. 6 OF 7





1 PLAN
1 Scale: 1" = 20'

10' 0 10' 20'
HORIZONTAL SCALE: 1" = 20'

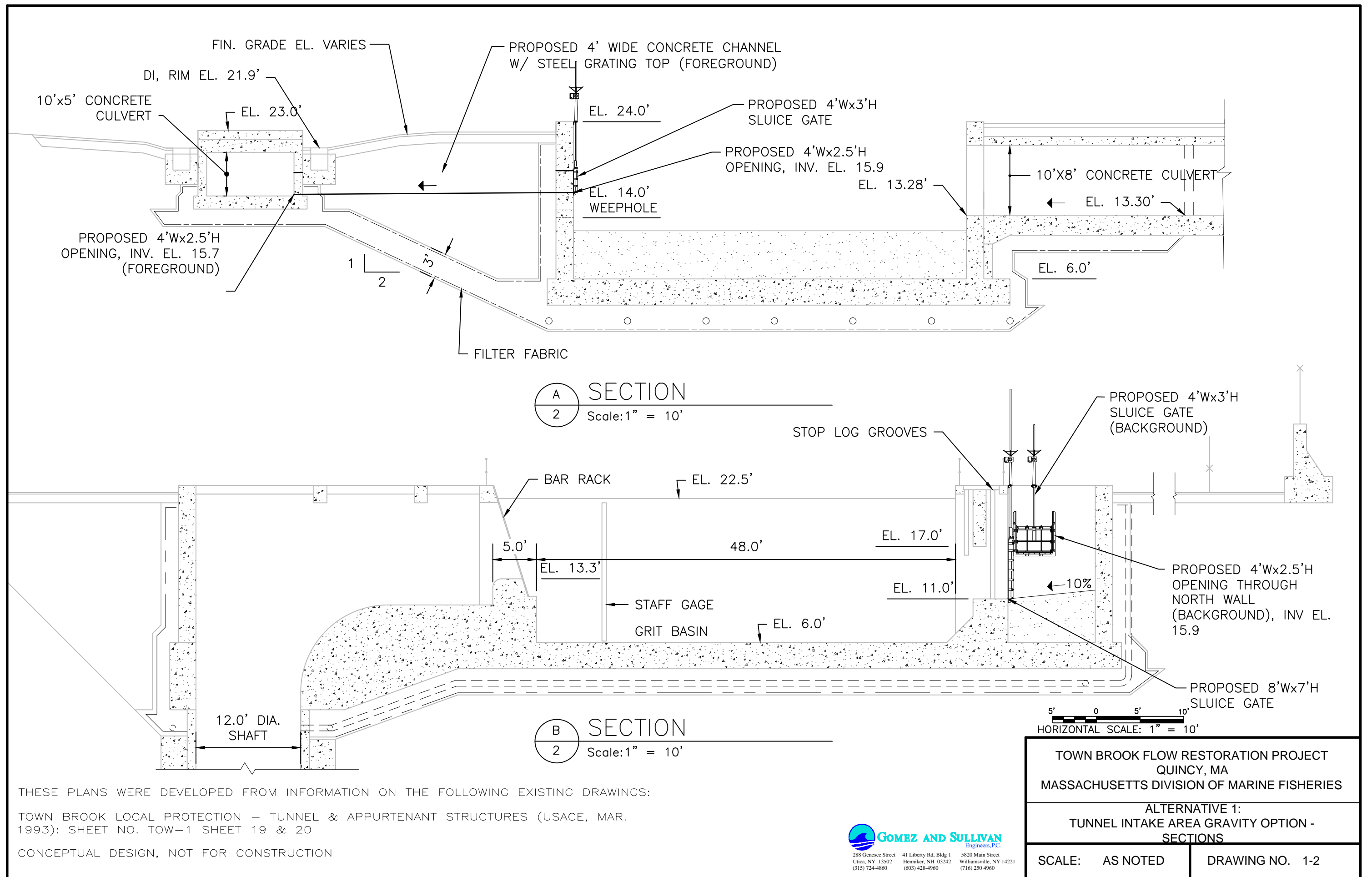
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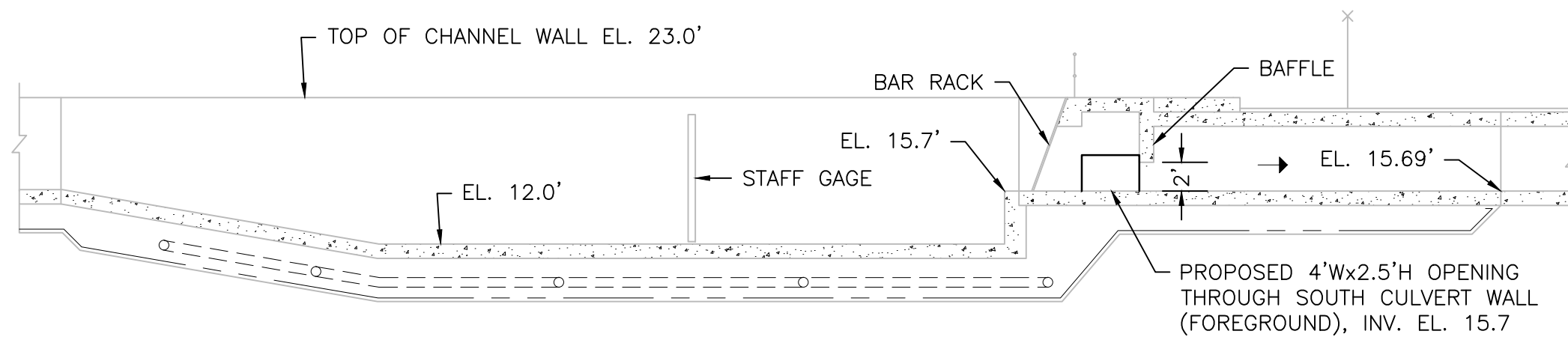
TOWN BROOK LOCAL PROTECTION — TUNNEL & APPURTENANT STRUCTURES (USACE, MAR. 1993): SHEET NO. TOW-1 SHEET 19 & 20

CONCEPTUAL DESIGN, NOT FOR CONSTRUCTION

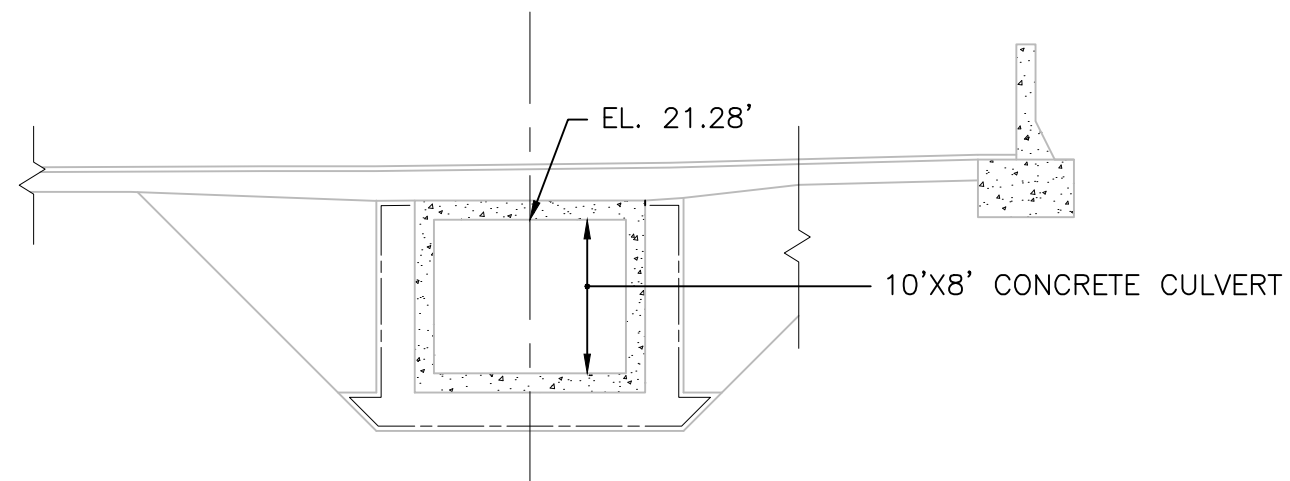
 **GOMEZ AND SULLIVAN**
Engineers, P.C.
288 Genesee Street
Utica, NY 13502
(315) 724-4860
41 Liberty Rd. Bldg 1
Henniker, NH 03242
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Williamsville, NY 14221
(716) 250-4960

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ALTERNATIVE 1: TUNNEL INTAKE AREA GRAVITY OPTION - PLAN	
SCALE: AS NOTED	DRAWING NO. 1-1





C
3 SECTION
Scale: 1" = 10'



D
3 SECTION
Scale: 1" = 10'

5' 0 5' 10'
HORIZONTAL SCALE: 1" = 10'

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CONCEPTUAL DESIGN, NOT FOR CONSTRUCTION

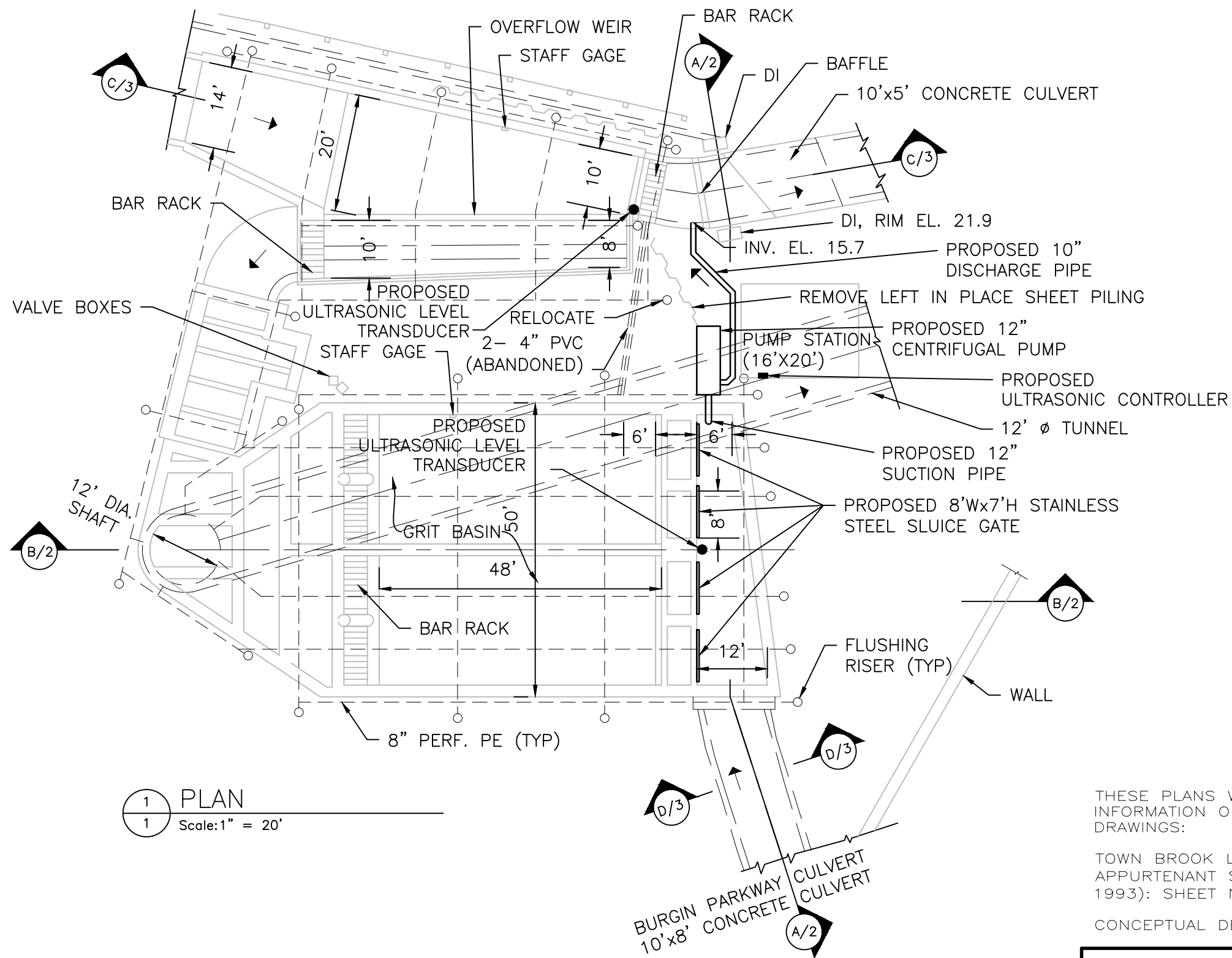
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Henniker, NH 03242
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ALTERNATIVE 1:
TUNNEL INTAKE AREA GRAVITY OPTION -
SECTIONS

SCALE: AS NOTED

DRAWING NO. 1-3



1 PLAN
1 Scale: 1" = 20'

10' 0 10' 20'
HORIZONTAL SCALE: 1" = 20'

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CONCEPTUAL DESIGN, NOT FOR CONSTRUCTION

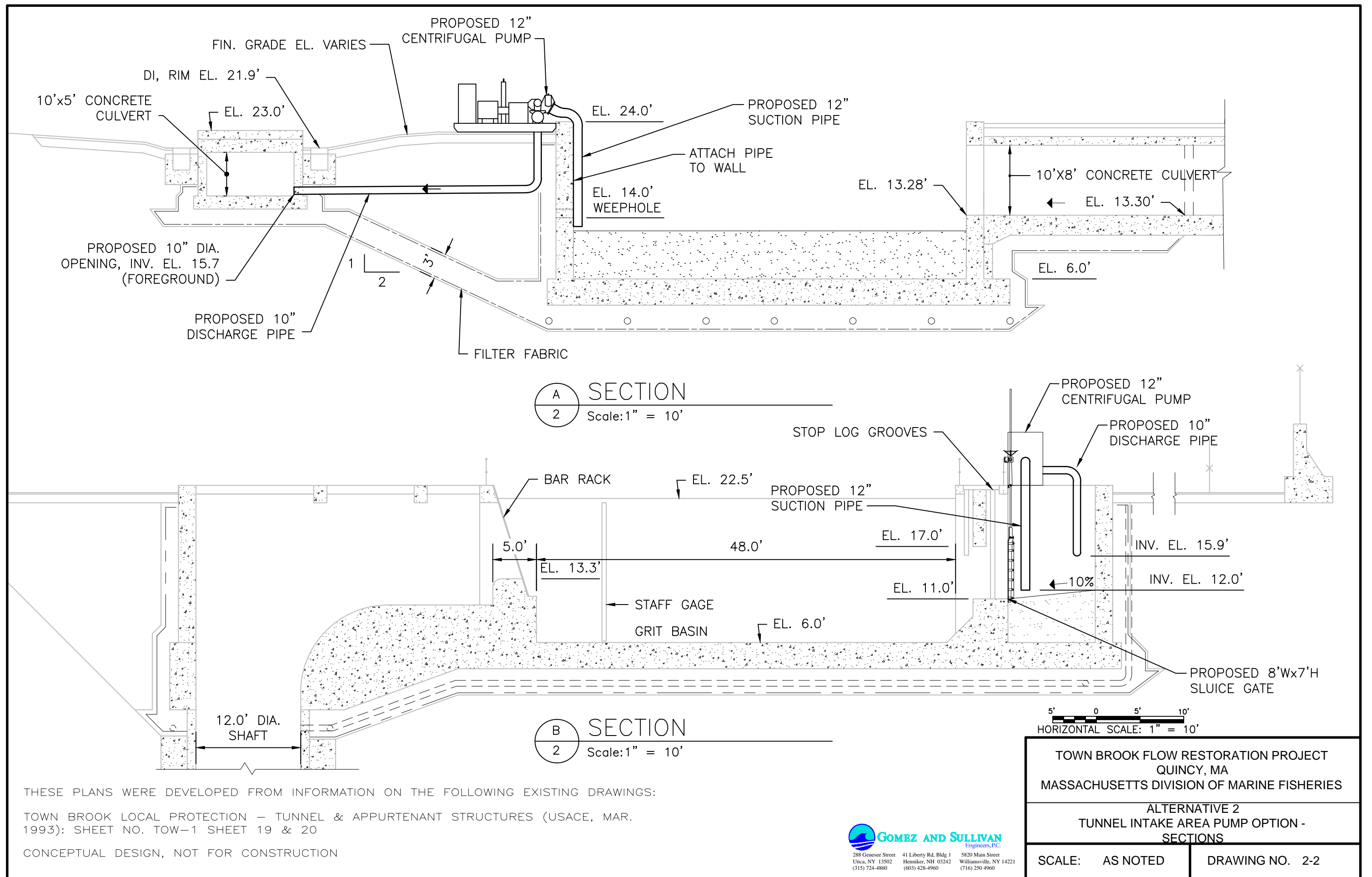
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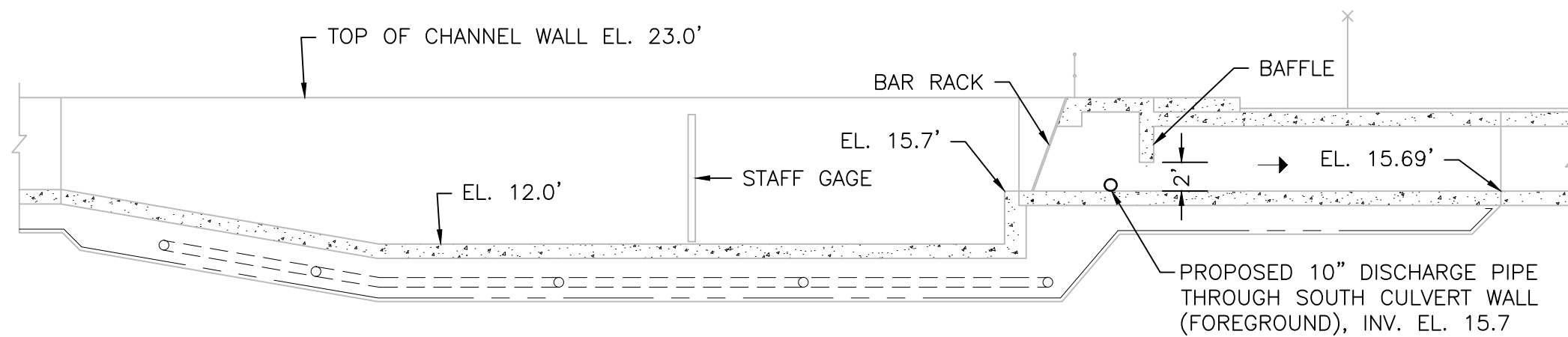
ALTERNATIVE 2
TUNNEL INTAKE AREA PUMP OPTION -
PLAN

SCALE: AS NOTED

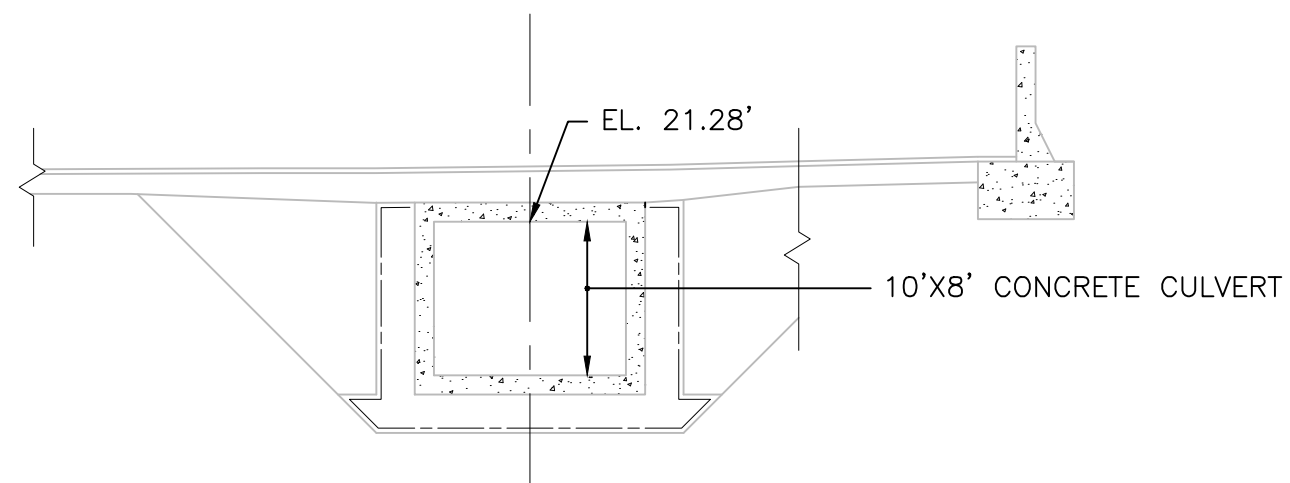
DRAWING NO. 2-1

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Engineers, P.C.
288 Genesee Street
Utica, NY 13502
(315) 724-4860
41 Liberty Rd. Bldg 1
Henniker, NH 03242
(603) 428-4960
5820 Main Street
Williamsville, NY 14221
(716) 250-4960





C
3 SECTION
Scale: 1" = 10'



D
3 SECTION
Scale: 1" = 10'

5' 0 5' 10'
HORIZONTAL SCALE: 1" = 10'

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TOWN BROOK LOCAL PROTECTION — TUNNEL & APPURTENANT STRUCTURES (USACE, MAR. 1993): SHEET NO. TOW-1 SHEET 19 & 20

CONCEPTUAL DESIGN, NOT FOR CONSTRUCTION

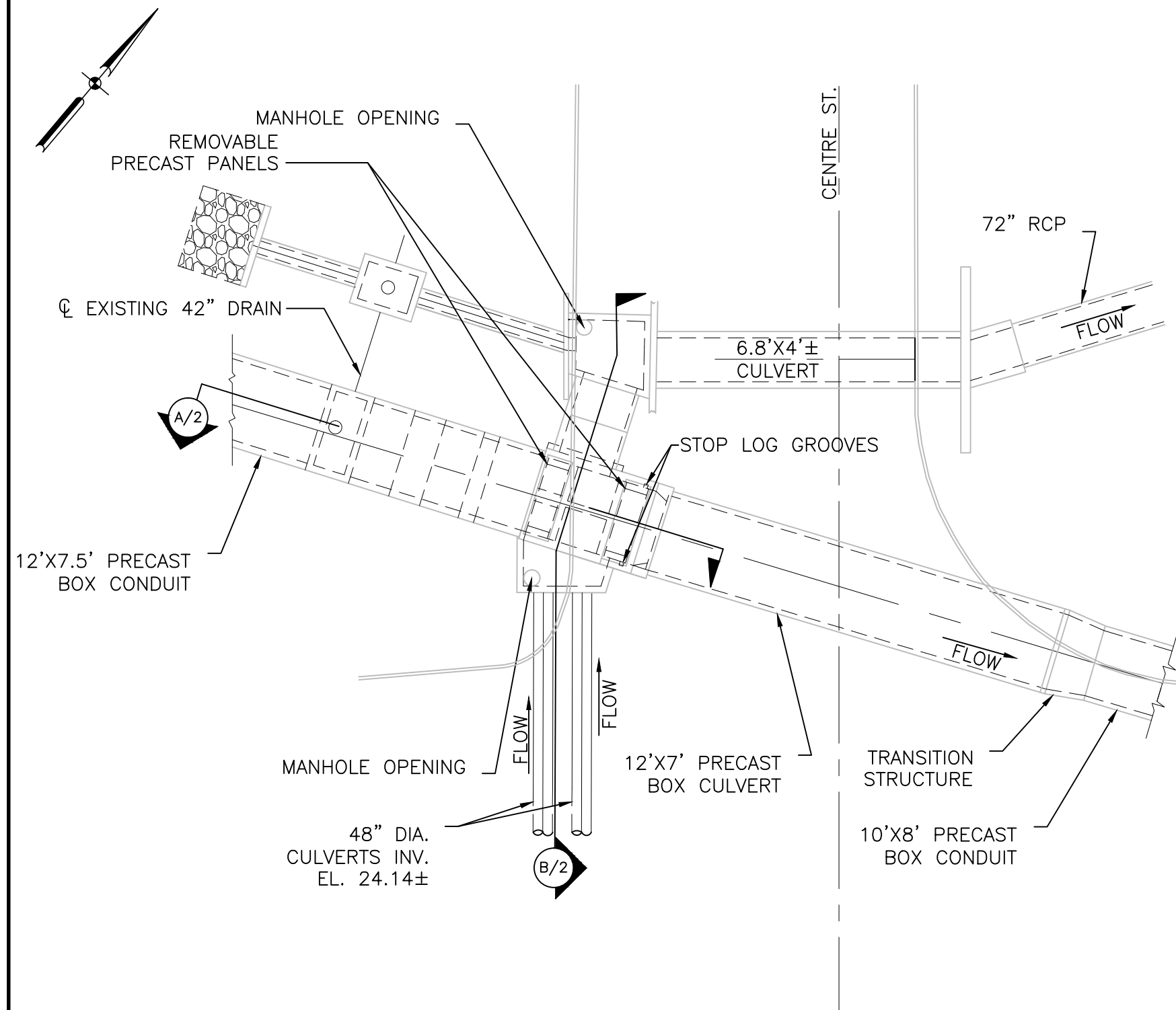
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ALTERNATIVE 2
TUNNEL INTAKE AREA PUMP OPTION -
SECTIONS

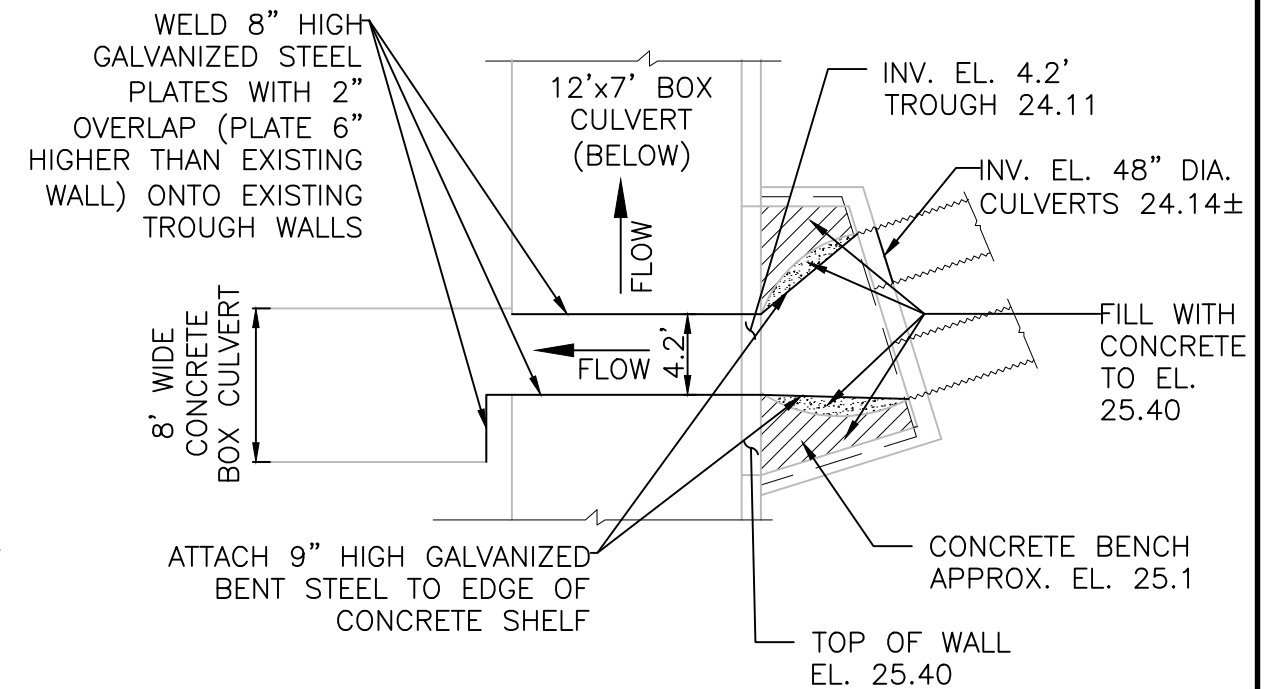
SCALE: AS NOTED

DRAWING NO. 2-3



1 PLAN
Scale: 1" = 20'

HORIZONTAL SCALE: 1" = 20'



2 PARTIAL PLAN AT 48" CULVERTS
Scale: 1" = 10'

HORIZONTAL SCALE: 1" = 10'

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TOWN BROOK LOCAL PROTECTION — REVISIONS TO CENTRE ST. JCT. STRUCTURE (USACE, APR 1999): SHEET NO. 6 OF 7

CONCEPTUAL DESIGN, NOT FOR CONSTRUCTION

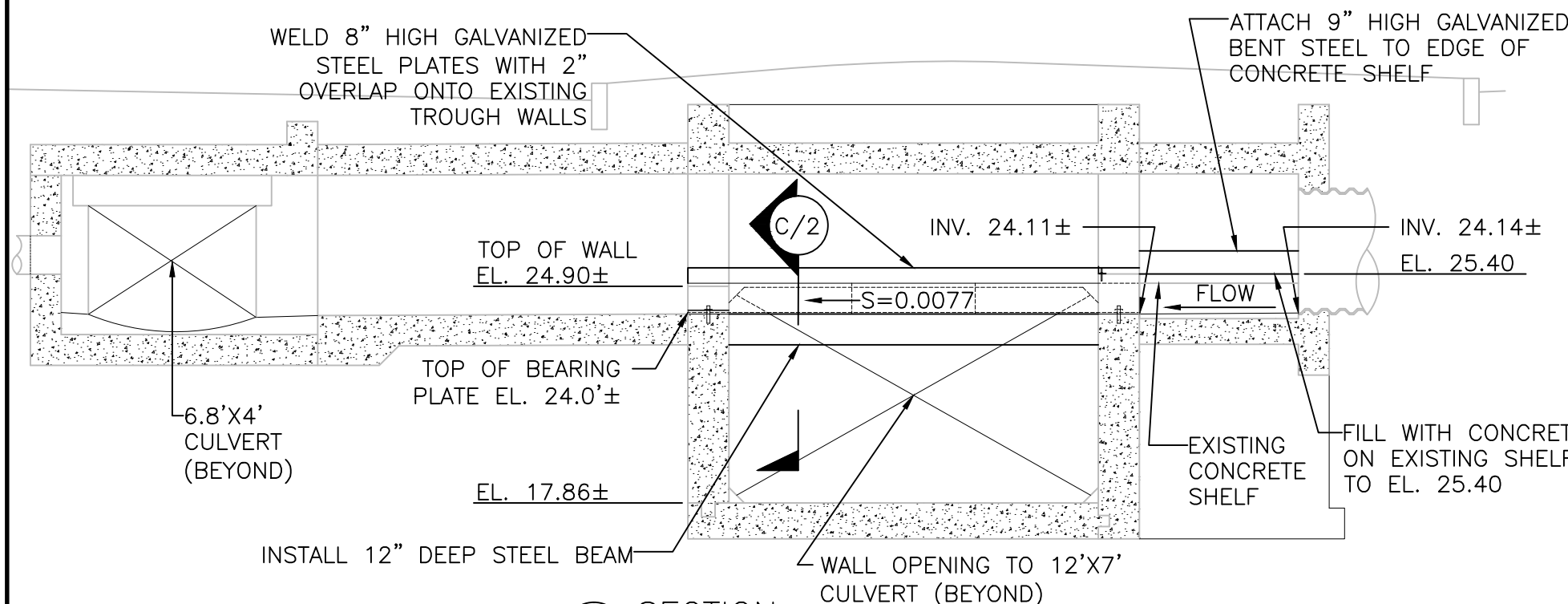
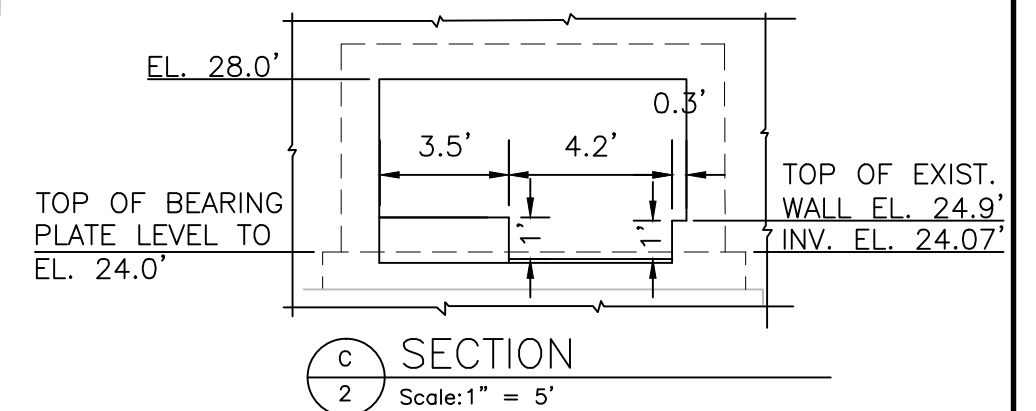
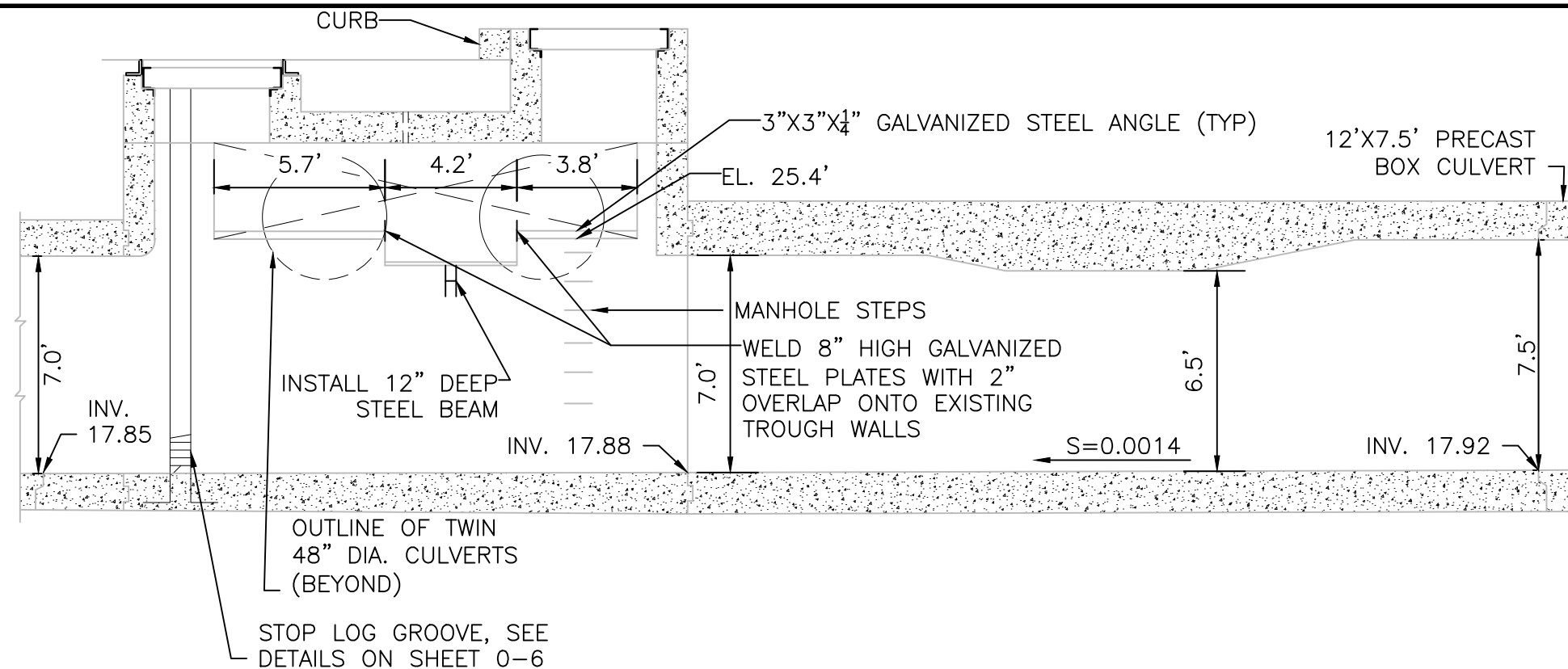
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ALTERNATIVE 3:
CENTRE ST. JCT. GRAVITY OPTION -
PLANS

SCALE: AS NOTED

DRAWING NO. 3-1

GOMEZ AND SULLIVAN
Engineers, P.C.
288 Genesee Street
Utica, NY 13502
(315) 724-4860
41 Liberty Rd. Bldg 1
Henniker, NH 03242
(603) 428-4960
5820 Main Street
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TOWN BROOK LOCAL PROTECTION — REVISIONS TO CENTRE ST. JCT. STRUCTURE (USACE, APR 1999): SHEET NO. 6 OF 7

CONCEPTUAL DESIGN, NOT FOR CONSTRUCTION

HORIZONTAL SCALE: 1" = 5'

GOMEZ AND SULLIVAN
Engineers, P.C.

288 Genesee Street
Utica, NY 13502
(315) 724-4860

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Henniker, NH 03242
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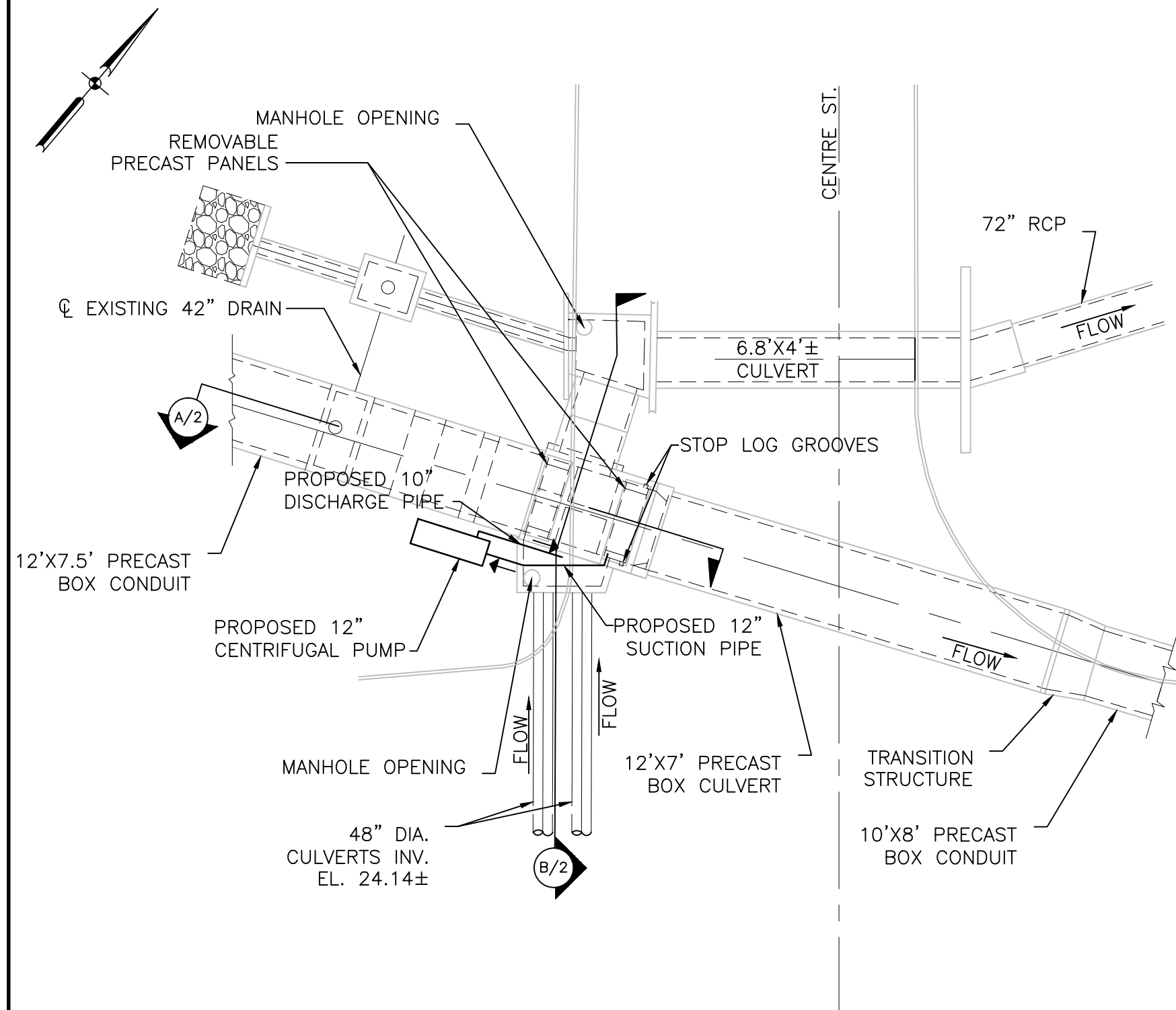
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ALTERNATIVE 3:
CENTRE ST. JCT. GRAVITY OPTION -
SECTIONS AND ELEVATIONS

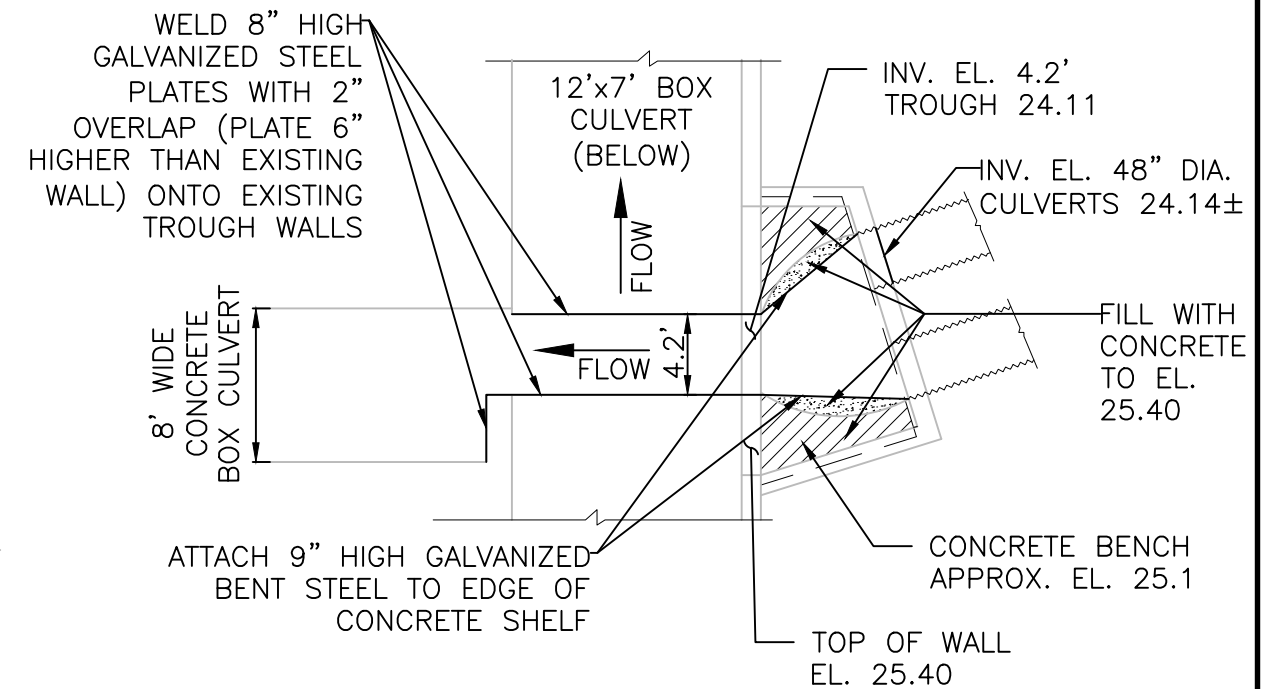
SCALE: AS NOTED

DRAWING NO. 3-2



1 PLAN
Scale: 1" = 20'

HORIZONTAL SCALE: 1" = 20'



2 PARTIAL PLAN AT 48" CULVERTS
Scale: 1" = 10'

HORIZONTAL SCALE: 1" = 10'

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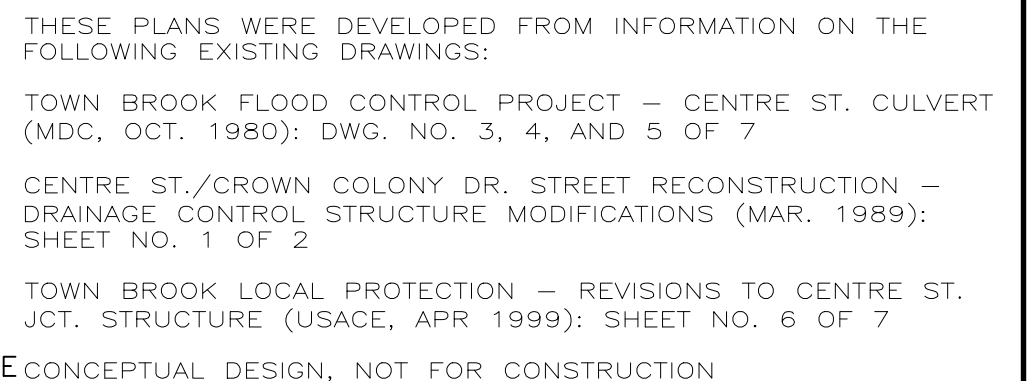
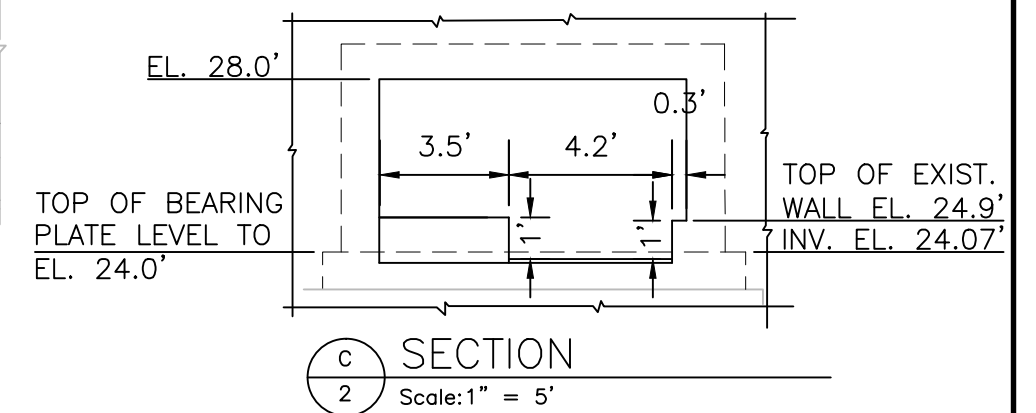
TOWN BROOK FLOW RESTORATION PROJECT
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ALTERNATIVE 4:
CENTRE ST. JCT. PUMP OPTION -
PLANS

SCALE: AS NOTED

DRAWING NO. 4-1

GOMEZ AND SULLIVAN
Engineers, P.C.
388 Genesee Street
Utica, NY 13502
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41 Liberty Rd. Bldg 1
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DRAWING NO. 4-2

