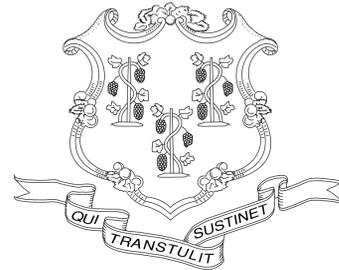


# STATE OF CONNECTICUT



**NED LAMONT, GOVERNOR**

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION  
WATER PLANNING AND MANAGEMENT DIVISION

KATIE S. DYKES  
COMMISSIONER

## SEYMOUR NO. 4 DAM IMPROVEMENTS

CT DAM ID# 10809

OXFORD, CONNECTICUT

PROJECT NO. DS-202304129

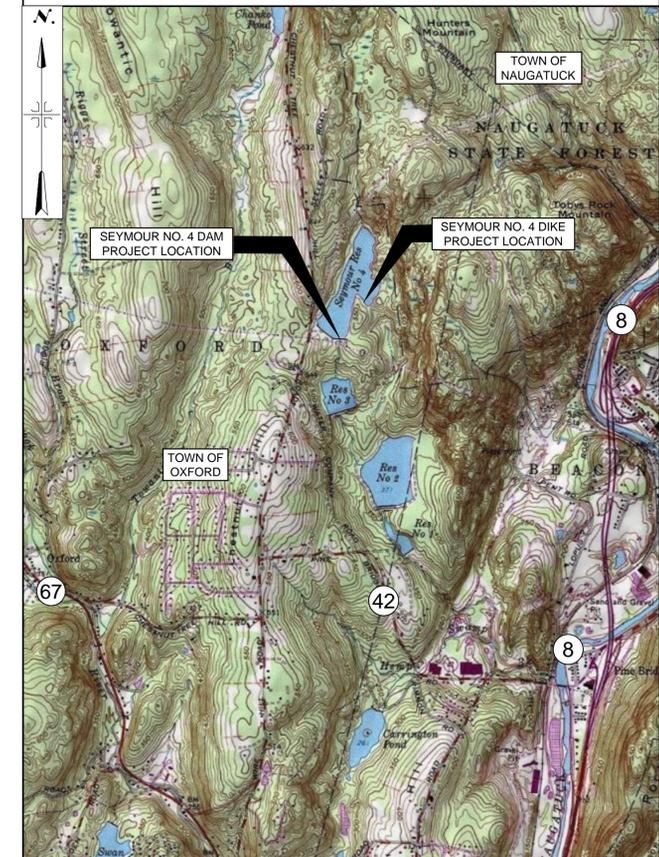


TATA & HOWARD  
WATERBURY, CONNECTICUT

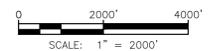
CONTRACT DRAWING

### CONTRACT DRAWINGS

SHEET NO.	TITLE
1	SEYMOUR NO. 4 DAM PLAN AND PROFILE
2	AUXILIARY SPILLWAY
3	GATE CHAMBER, SPILLWAY AND BAR SCREEN SECTION AND DETAILS
4	ENERGY DISSIPATOR SECTIONS, ELEVATIONS, AND DETAILS
5	ENERGY DISSIPATOR DETAILS
6	SEYMOUR NO. 4 DIKE
7	EROSION AND SEDIMENT CONTROL



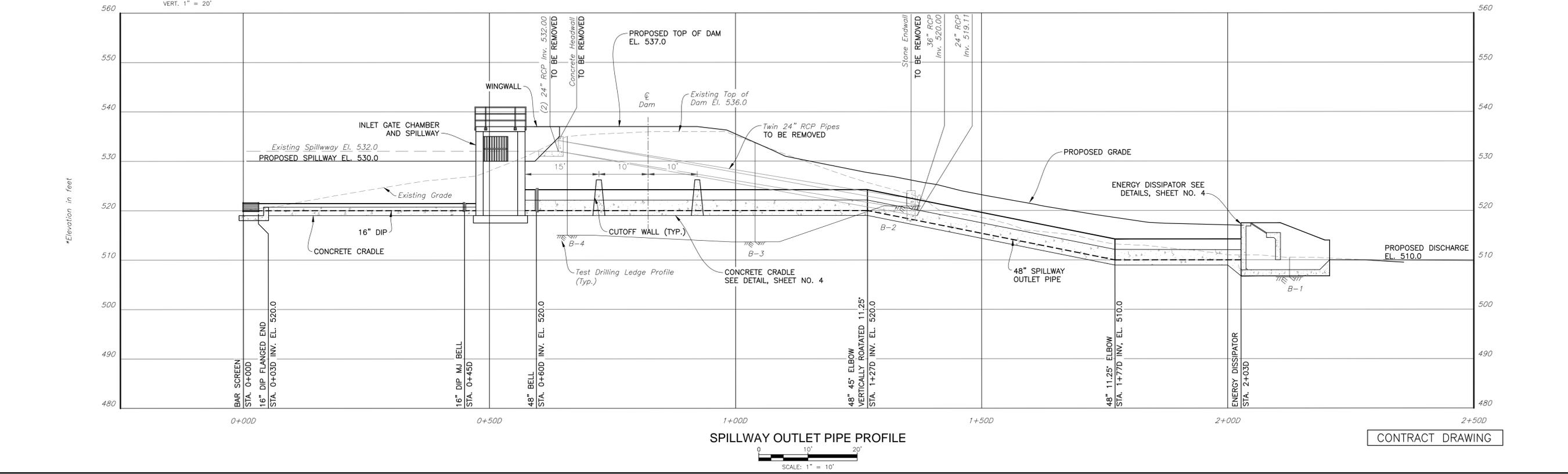
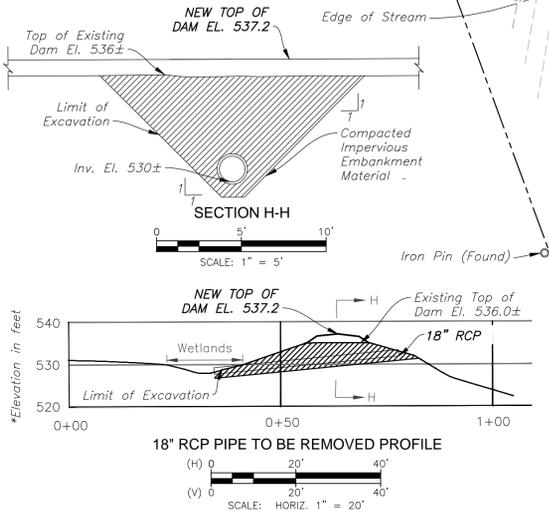
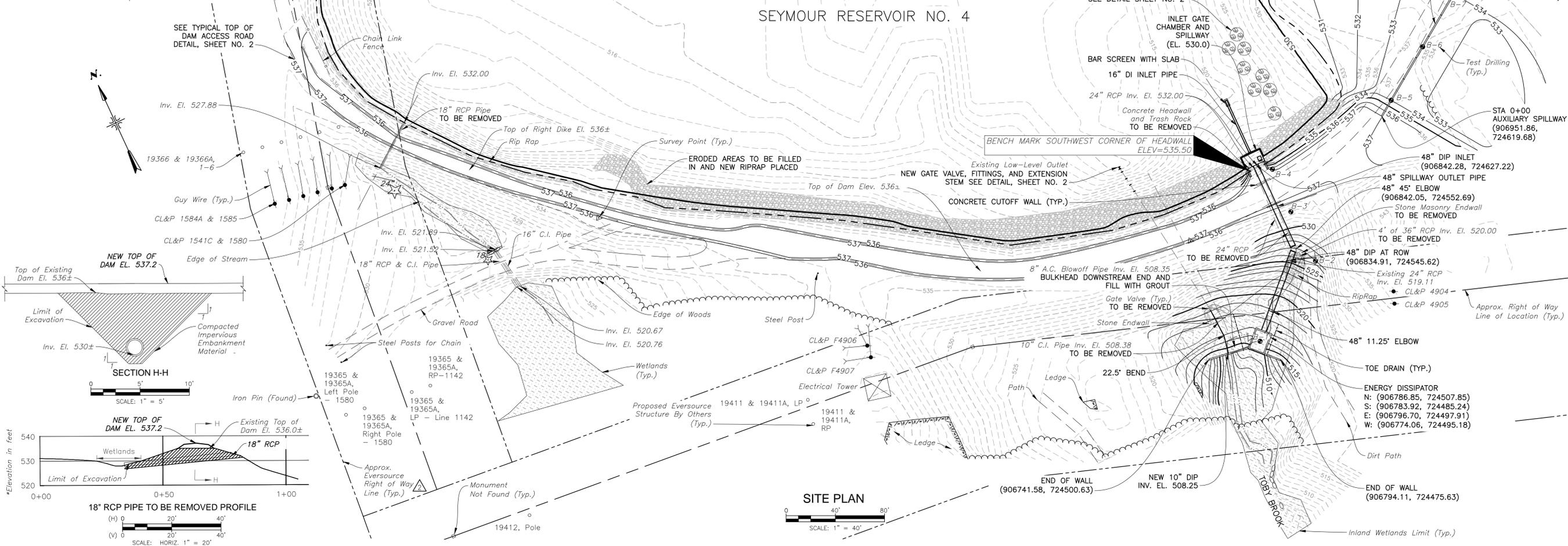
GENERAL LOCATION PLAN



### APPROVALS

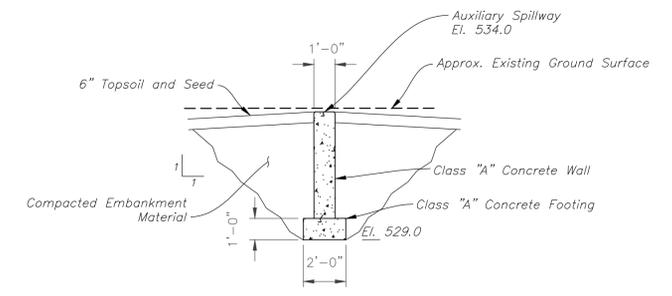
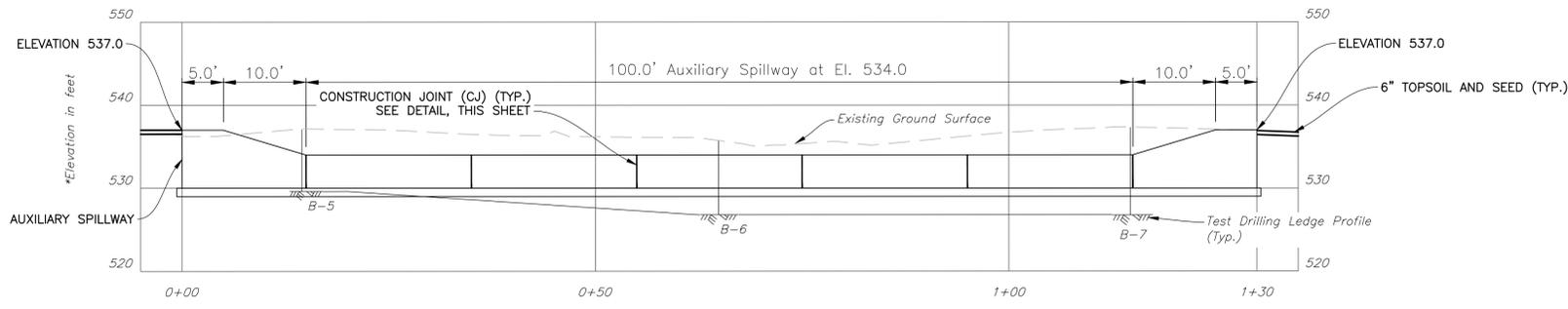
DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION DATE

- GENERAL NOTES:
- The location of pipes, cables, underground utilities or other underground structures are not warranted to be exact, nor is it warranted that all underground pipes, cables, utilities or structures are shown. CALL BEFORE YOU DIG (1-800-922-4455) shall be contacted at least 2 working days in advance of the start of excavating.
  - Not all of the trees to be removed are shown on the Contract Drawings. The clearing limits shall be as depicted.
  - Inland wetlands boundary delineated by Davison Environmental March 2022 and January 2024.
  - Base map and datum from 2002 survey by Roald Hoestad, Inc. supplemented with field surveys by Tata & Howard, Inc. April and August, 2022.
  - Coordinates refer to Connecticut state plane NAD83 Datum.



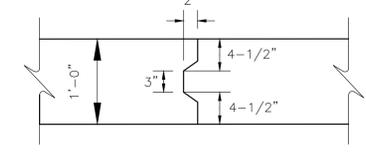
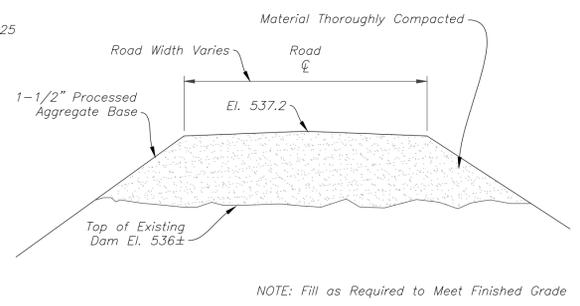
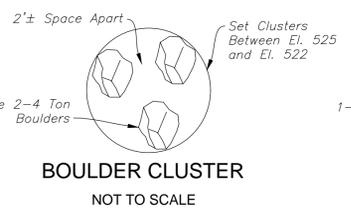
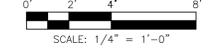
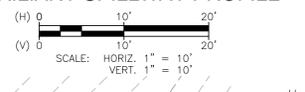
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STATE OF CONNECTICUT	SEYMOUR NO. 4 DAM IMPROVEMENTS
SEYMOUR NO. 4 DAM PLAN AND PROFILE	
DESIGNED BY: TATA & HOWARD, INC.	CHECKED BY: [Name]
DRAWN BY: [Name]	APPROVED BY: [Name]
DATE: FEBRUARY 2025	SCALE: AS NOTED
 <b>TATA &amp; HOWARD</b>	
T&H NO.: 06722 DATE: FEBRUARY 2025 SCALE: AS NOTED	
1	



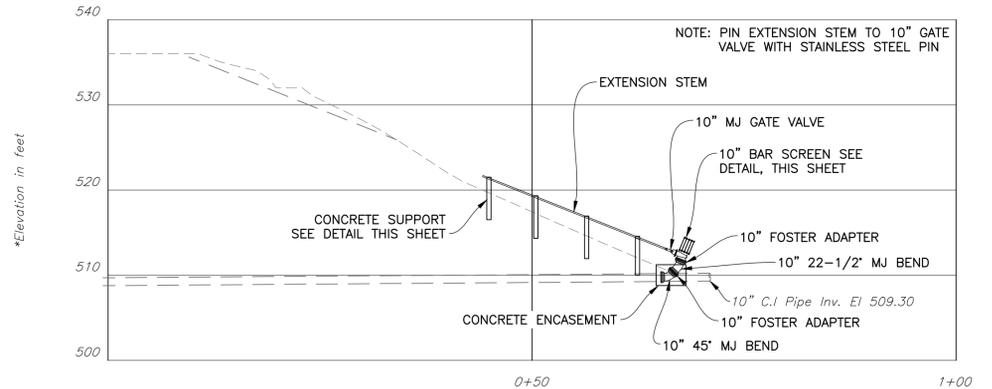
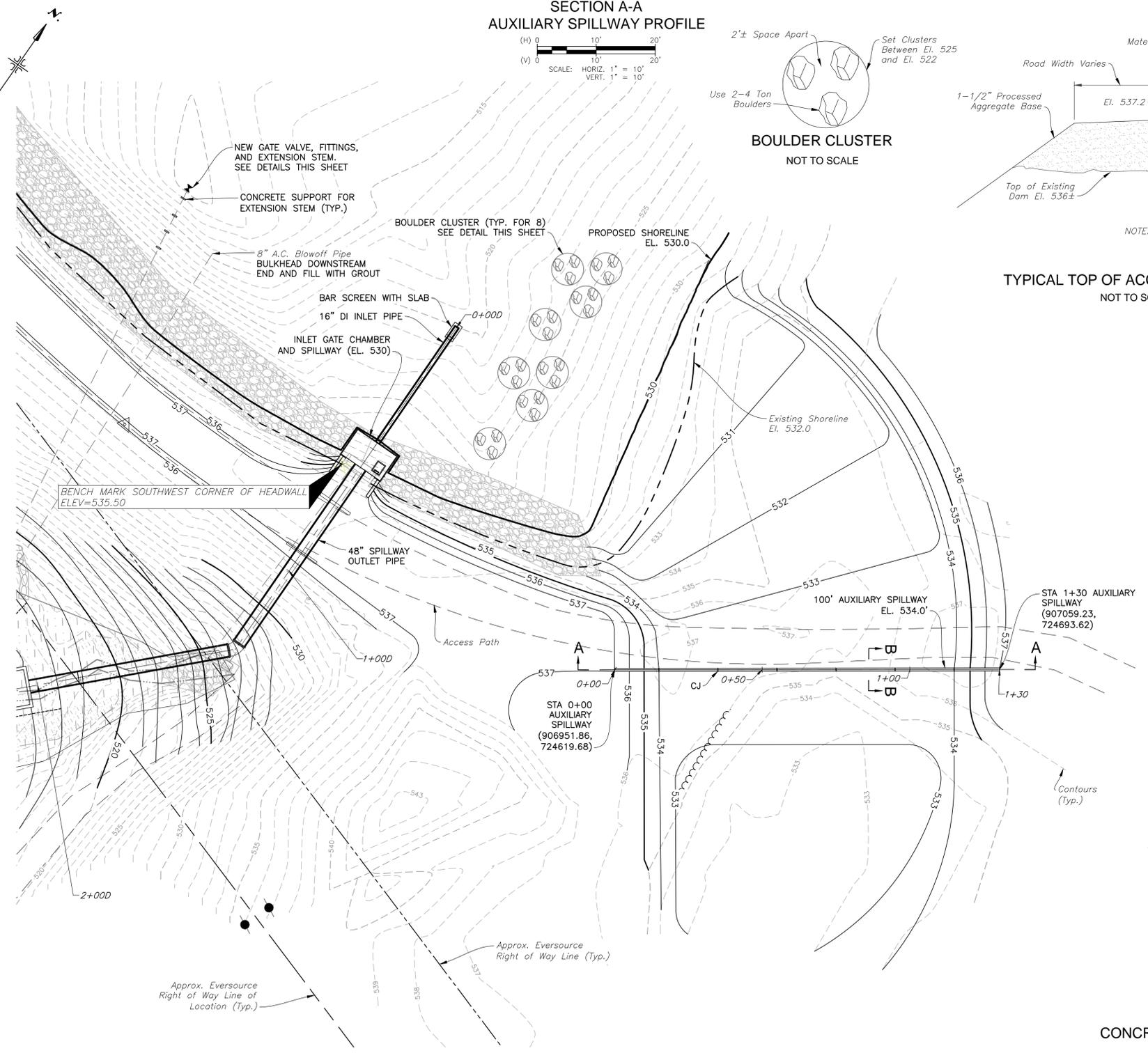
**SECTION A-A  
AUXILIARY SPILLWAY PROFILE**

**AUXILIARY SPILLWAY  
SECTION B-B**

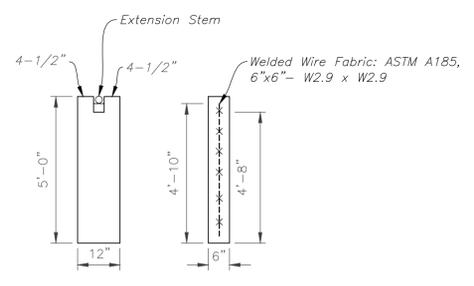
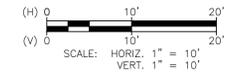


**TYPICAL TOP OF ACCESS ROAD DETAIL  
NOT TO SCALE**

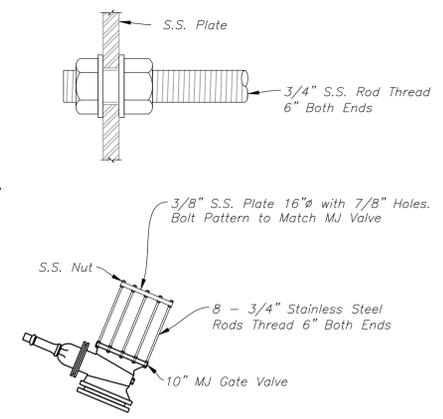
**CONSTRUCTION JOINT DETAIL  
NOT TO SCALE**



**EXISTING LOW-LEVEL OUTLET MODIFICATIONS  
PARTIAL EMBANKMENT SECTION**

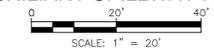


**CONCRETE SUPPORT FOR EXTENSION STEM  
NOT TO SCALE**



**BAR SCREEN  
NOT TO SCALE**

**AUXILIARY SPILLWAY PLAN**



CONTRACT DRAWING

STATE OF CONNECTICUT  
SEYMOUR NO. 4 DAM  
IMPROVEMENTS

AUXILIARY SPILLWAY

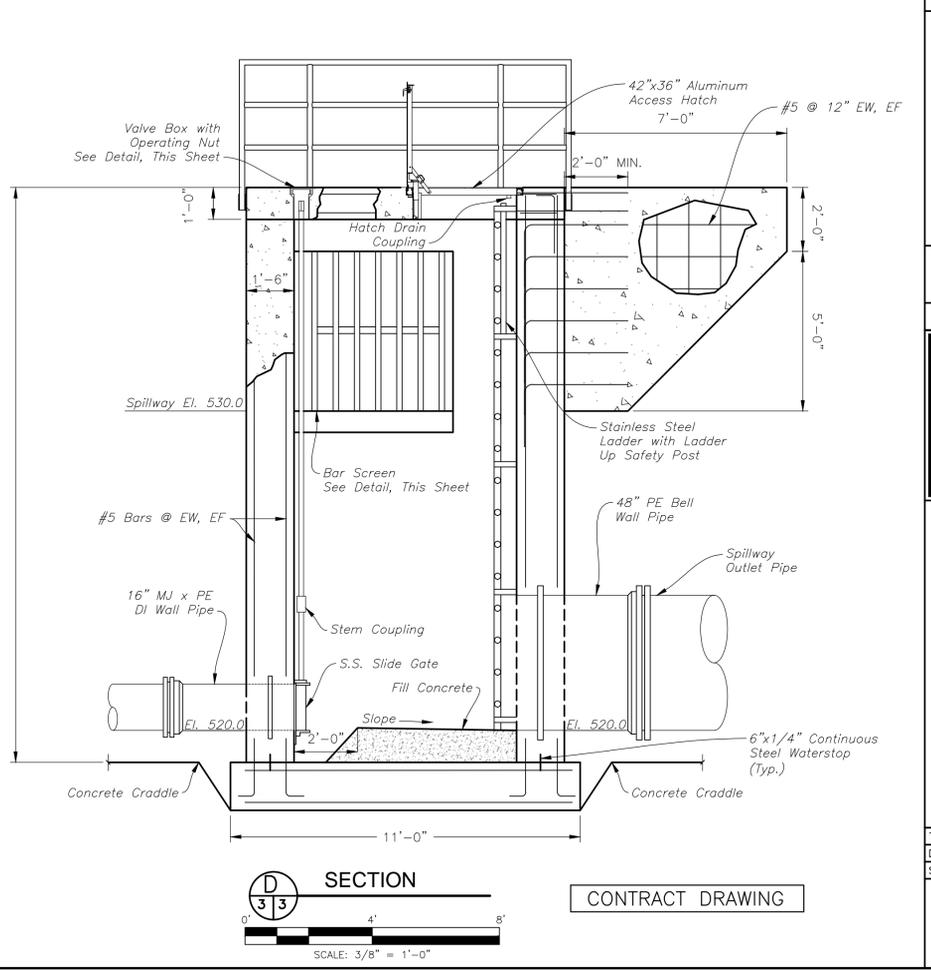
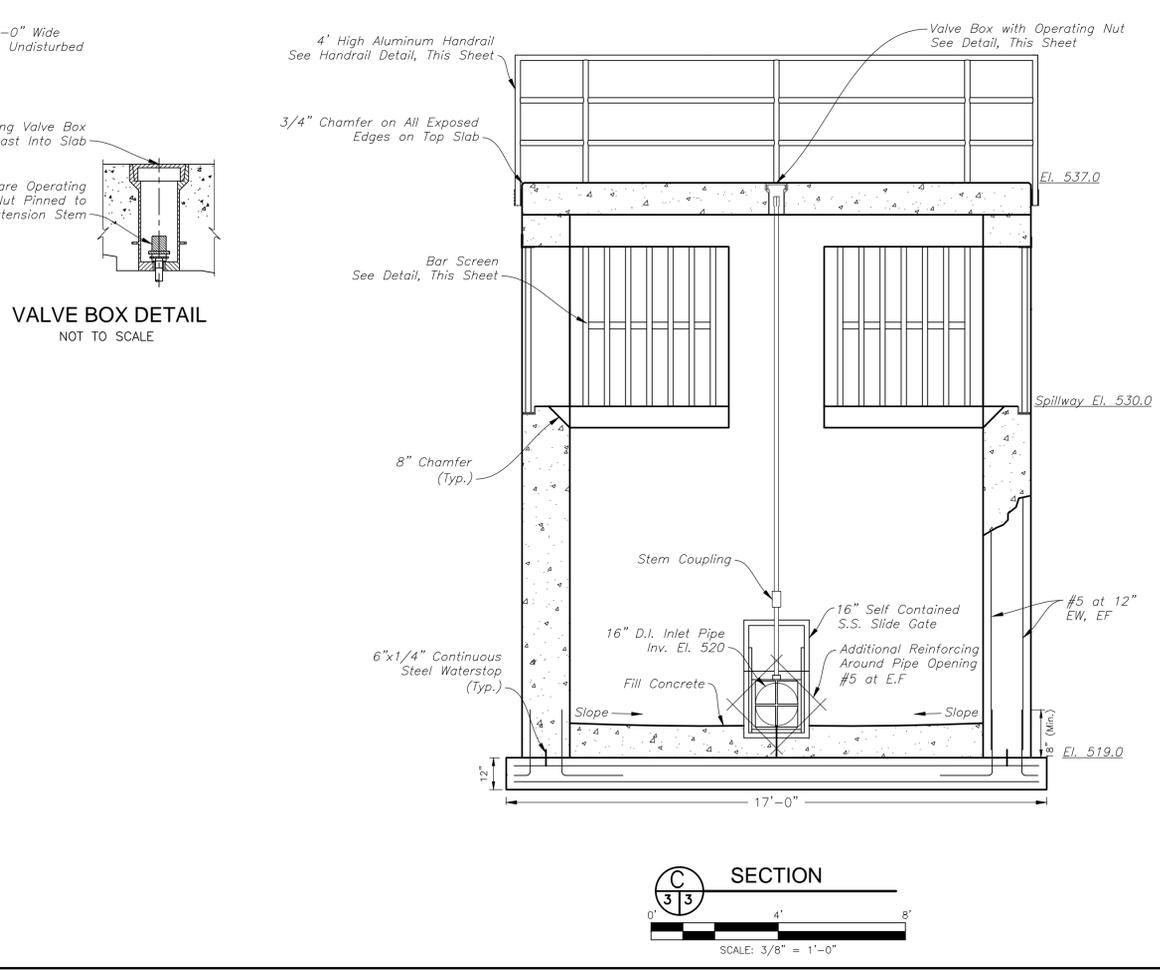
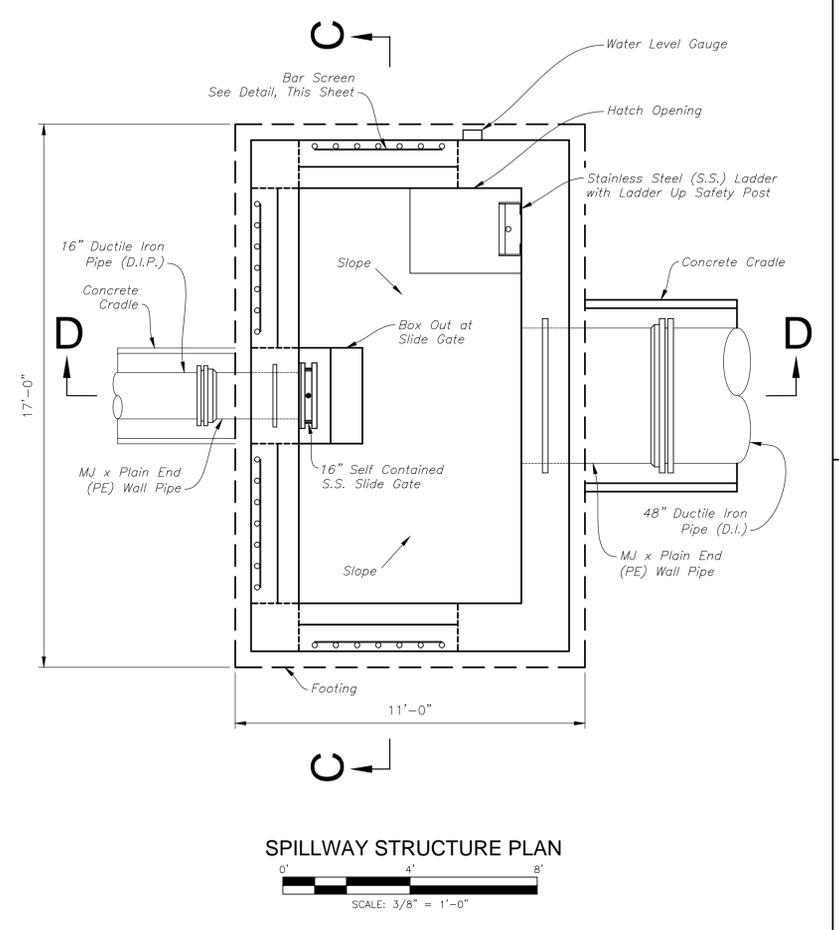
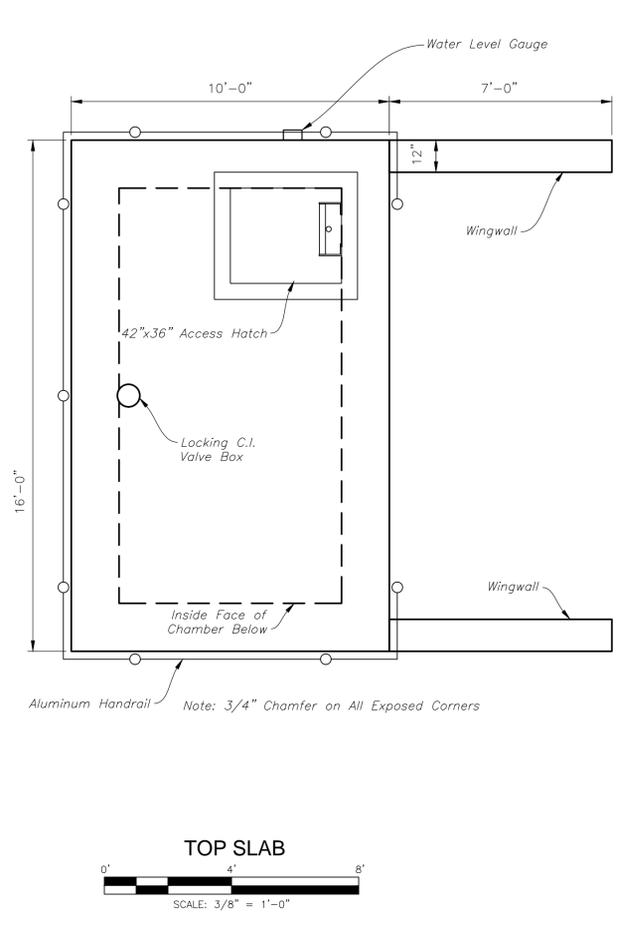
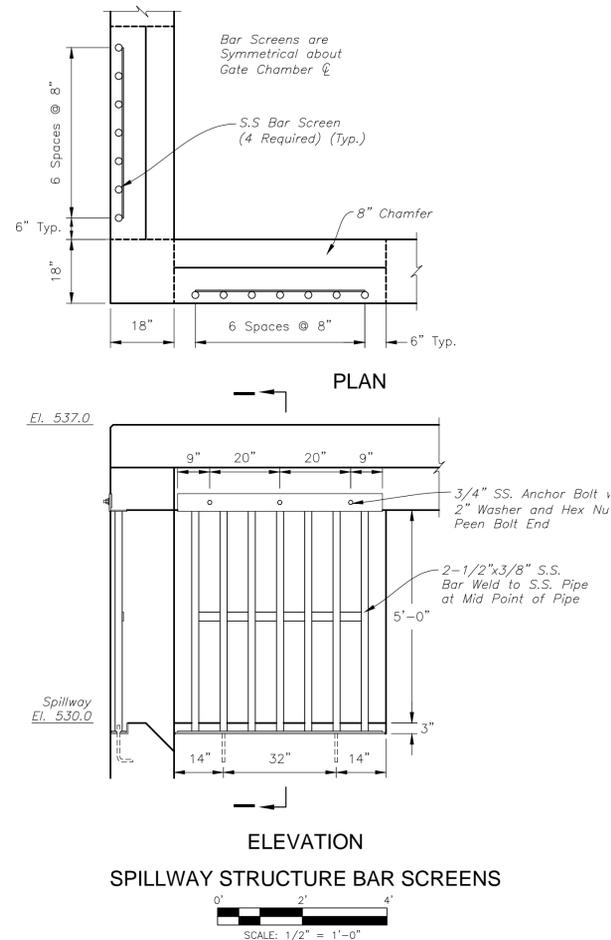
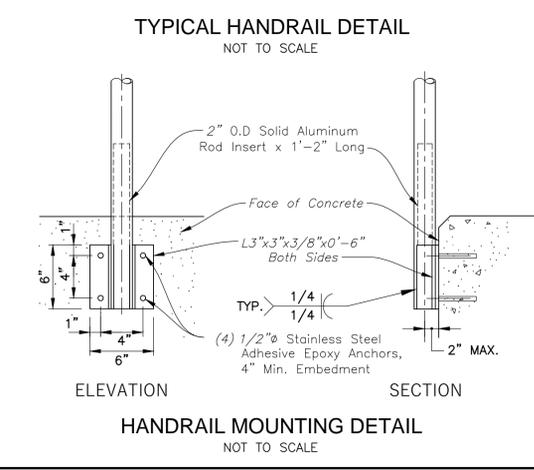
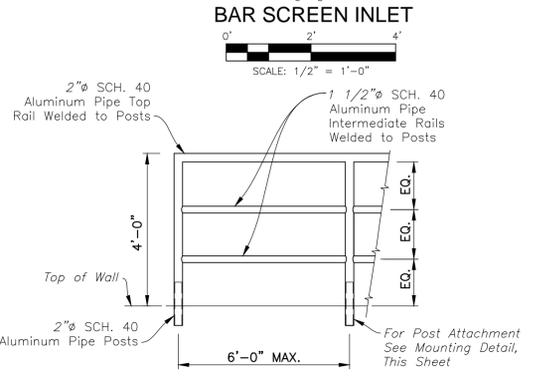
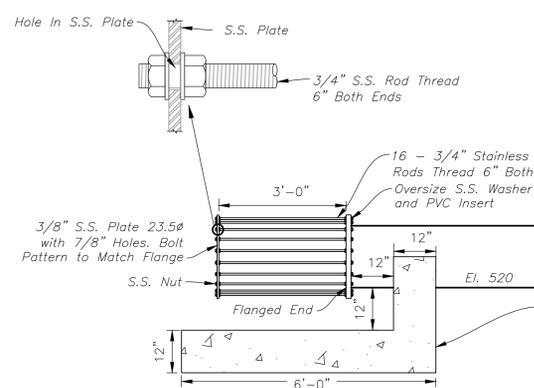
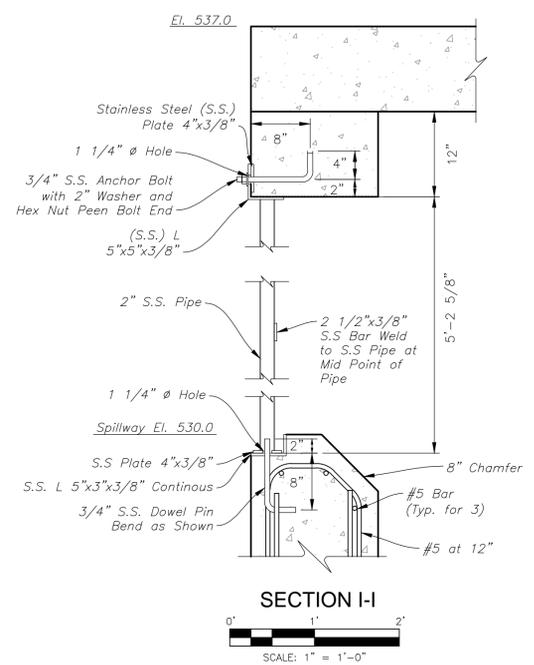
Rev.	Date	Description



**TATA & HOWARD**

T&H NO.: 06722  
DATE: FEBRUARY 2026  
SCALE: AS NOTED

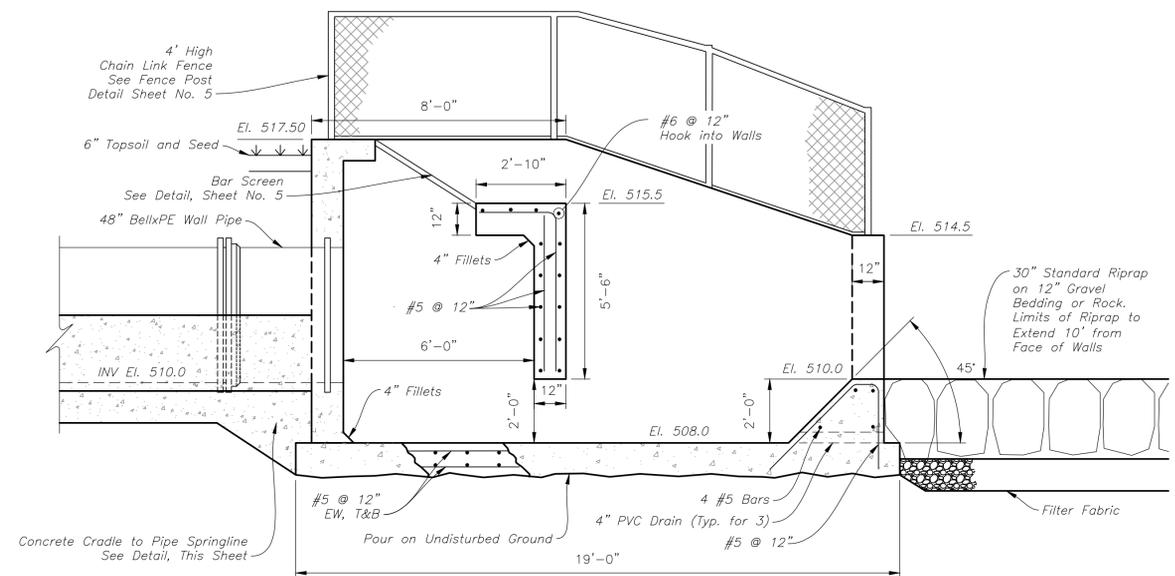
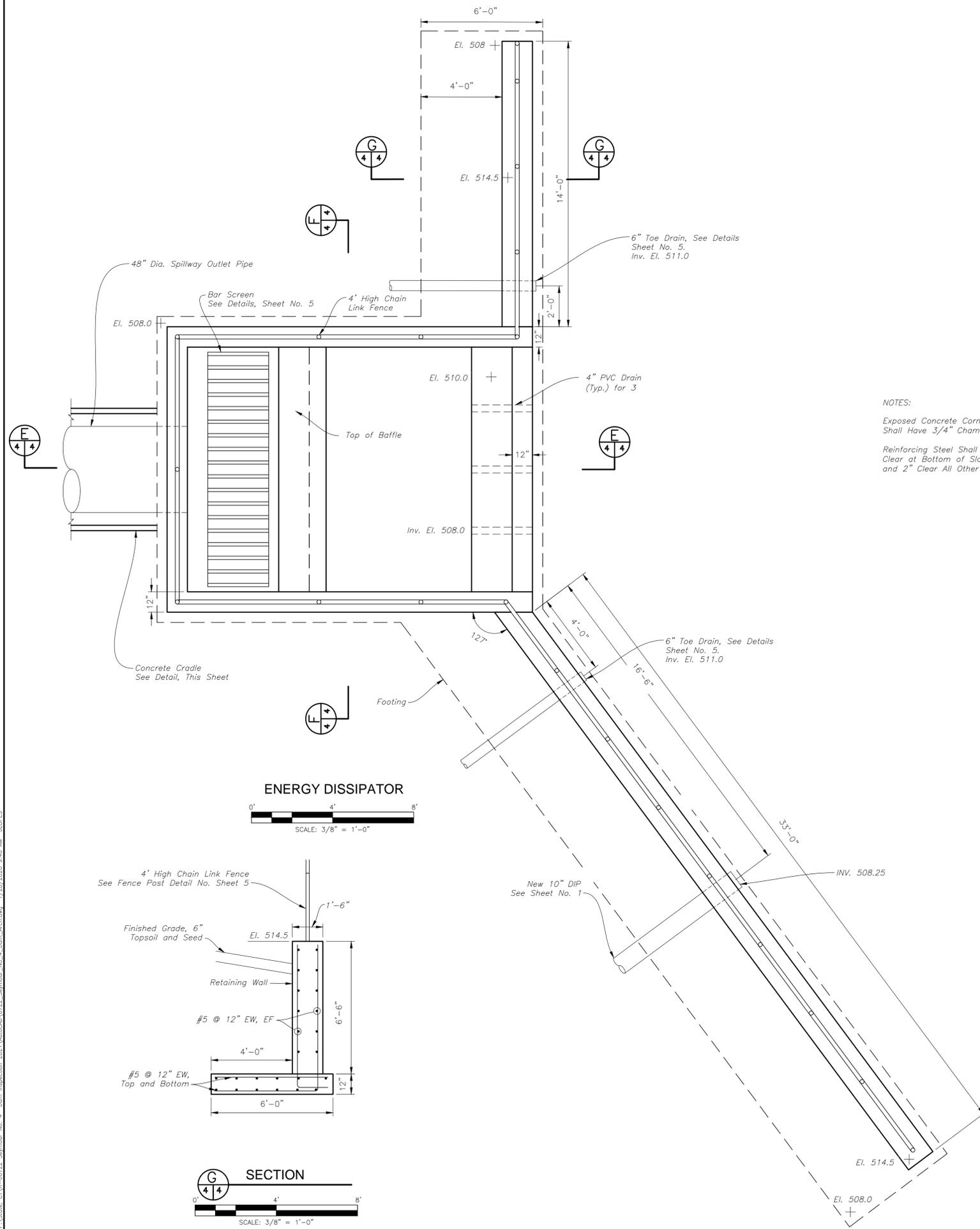
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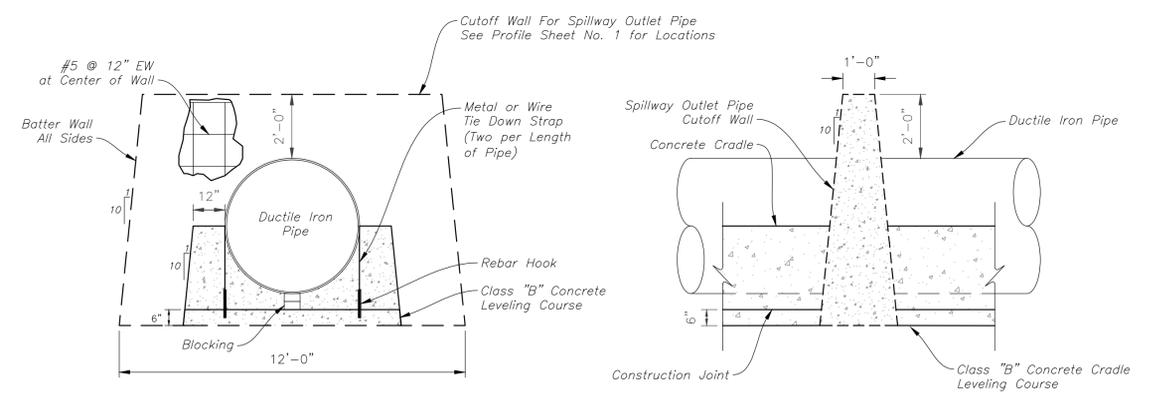
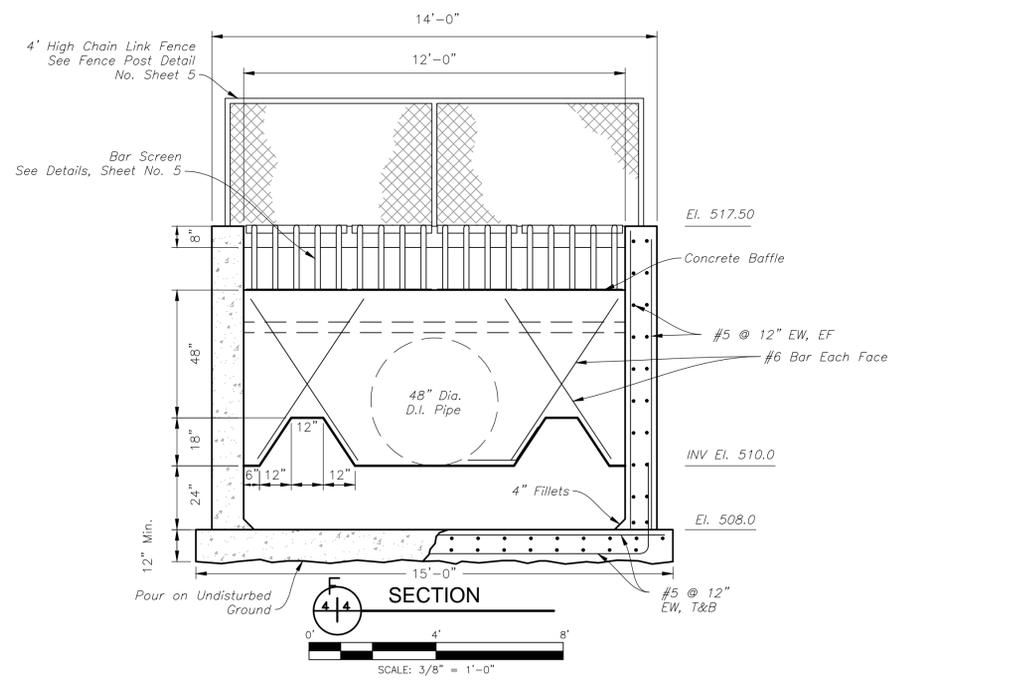
STATE OF CONNECTICUT		SEYMOUR NO. 4 DAM IMPROVEMENTS	
GATE CHAMBER, SPILLWAY AND BAR SCREEN SECTION AND DETAILS		TATA & HOWARD	
Design: By: GHI	Checked: By: DUL	Date: _____	Description: _____
Drawn: By: GHI	Approved: By: WSA	Rev: _____	Date: _____
T&H NO.: 06722		DATE: FEBRUARY 2026	
SCALE: AS NOTED		3	

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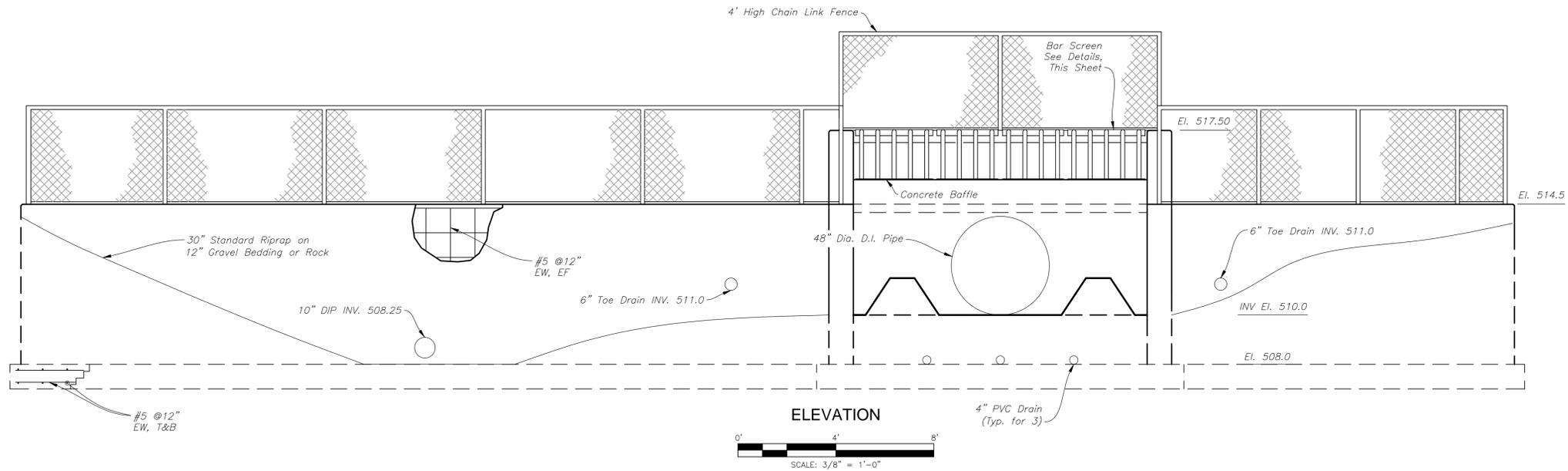
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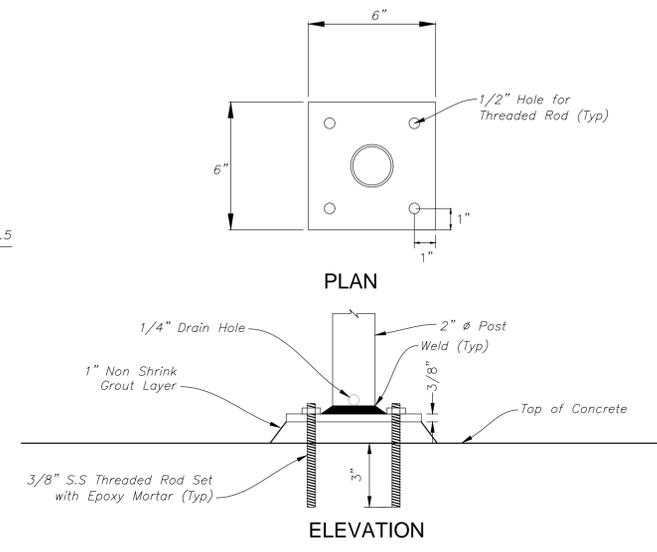
**NOTES:**  
Exposed Concrete Corners Shall Have 3/4" Chamfer  
Reinforcing Steel Shall Have 3" Clear at Bottom of Slab on Ground and 2" Clear All Other Surfaces.



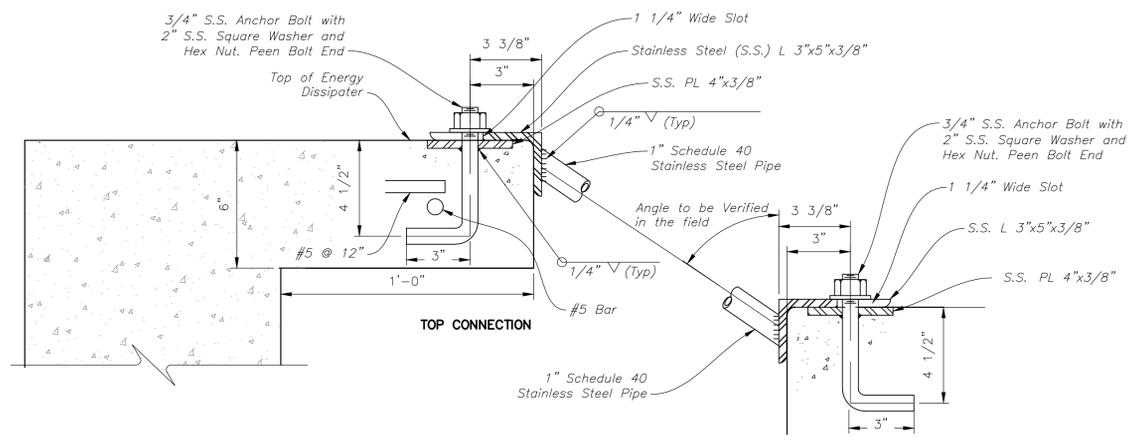
STATE OF CONNECTICUT
SEYMOUR NO. 4 DAM IMPROVEMENTS
ENERGY DISSIPATOR SECTIONS, ELEVATIONS, AND DETAILS
T&H NO.: 06722 DATE: FEBRUARY 2026 SCALE: AS NOTED
4



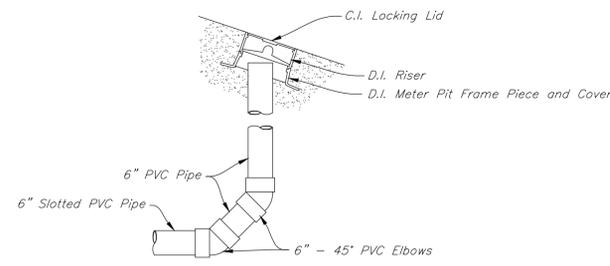
**ELEVATION**  
SCALE: 3/8" = 1'-0"



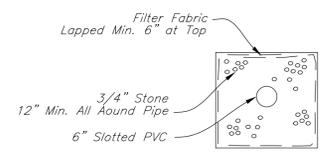
**FENCE POST DETAIL**  
SCALE: 3" = 1'-0"



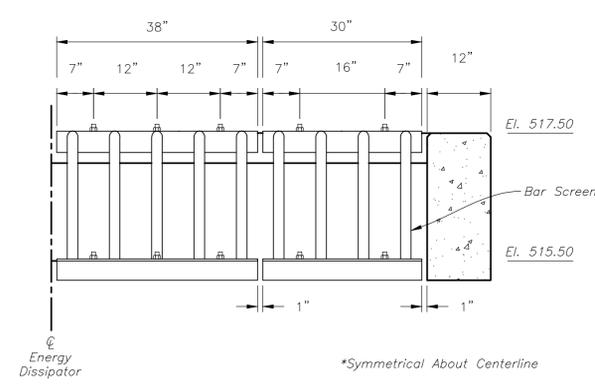
**BAR SCREEN SECTION**  
SCALE: 3" = 1'-0"



**TOE DRAIN CLEANOUT DETAIL**  
NOT TO SCALE



**TOE DRAIN DETAIL**  
NOT TO SCALE



**BAR SCREEN HALF ELEVATION**  
SCALE: 3/4" = 1'-0"

STATE OF CONNECTICUT  
SEYMOUR NO. 4 DAM  
IMPROVEMENTS

ENERGY DISSIPATOR DETAILS

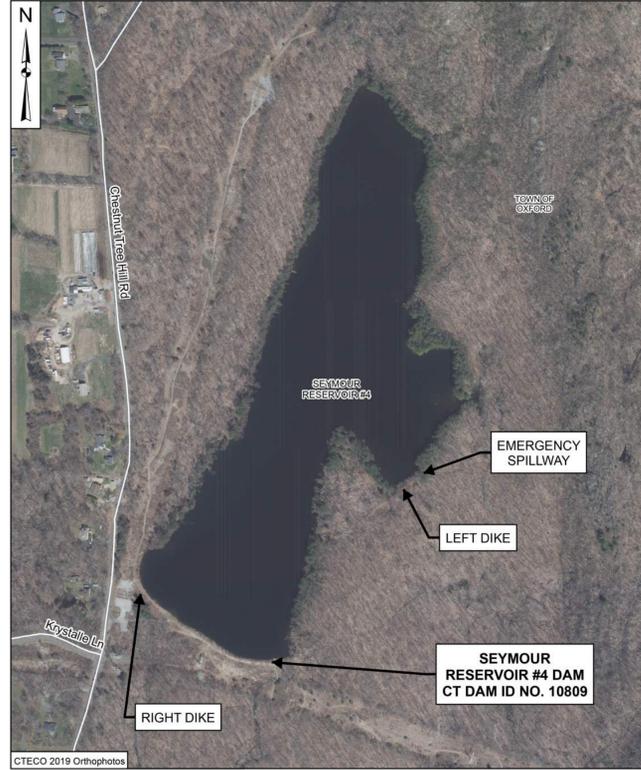
Rev.	Date	Description



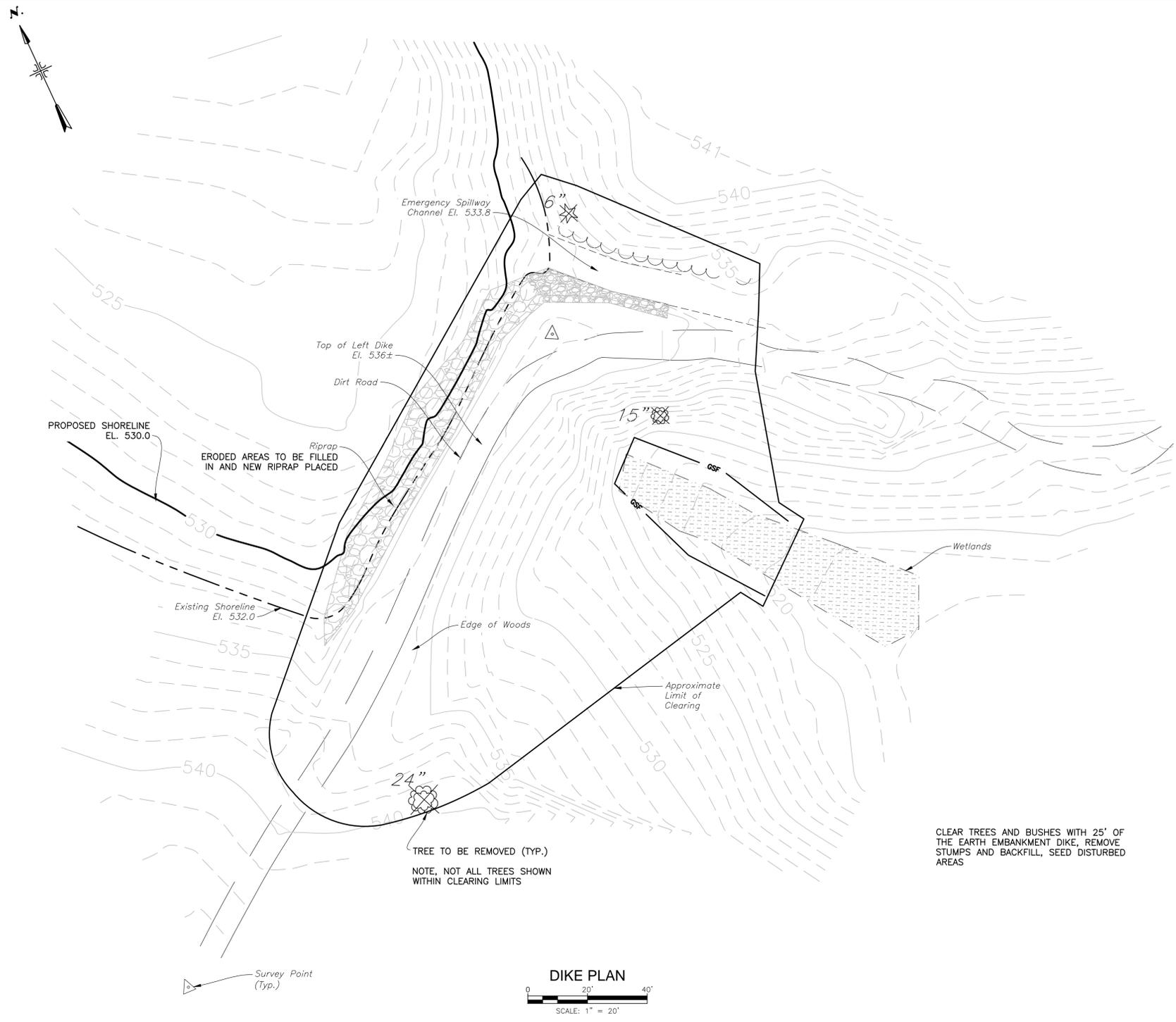
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DATE: FEBRUARY 2026  
SCALE: AS NOTED

CONTRACT DRAWING

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**DIKE LOCATION PLAN**  
 SCALE: 1" = 400'



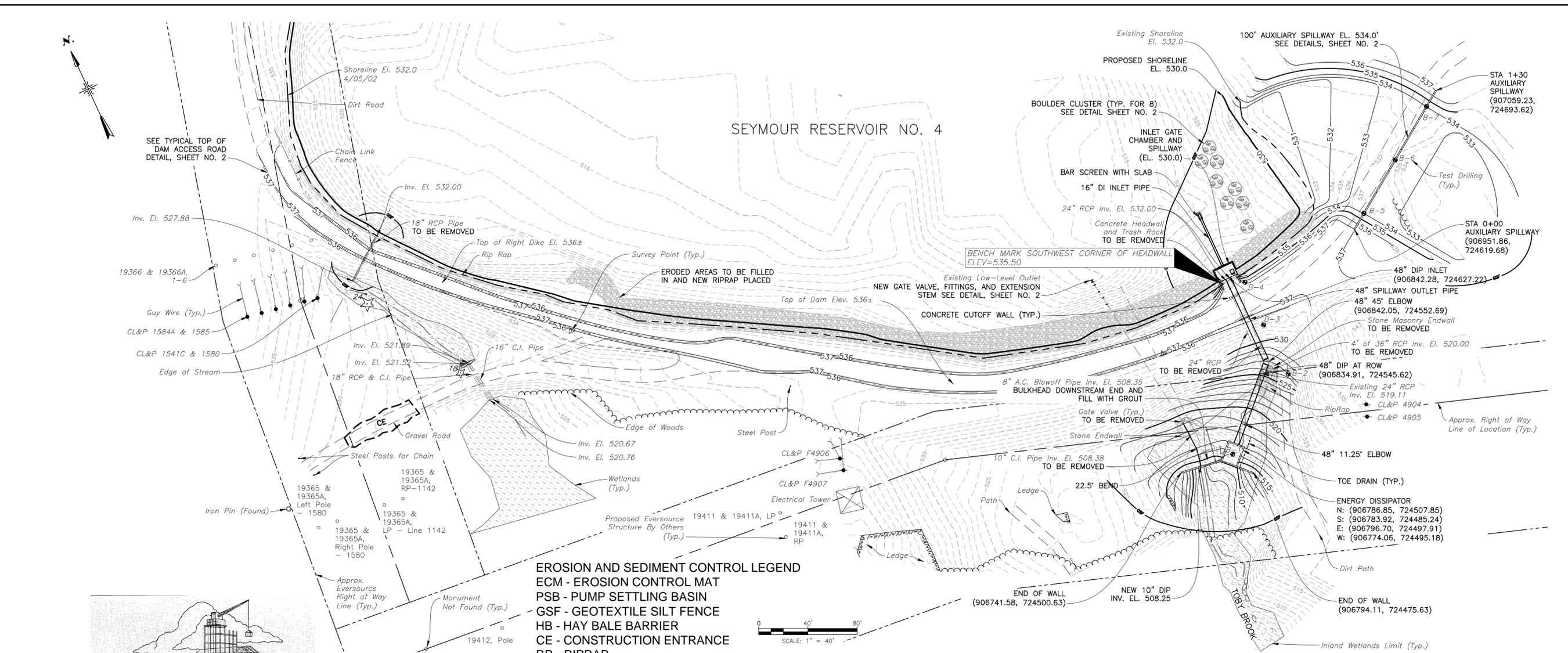
**DIKE PLAN**  
 SCALE: 1" = 20'

- GENERAL NOTES:
- The location of pipes, cables, underground utilities or other underground structures are not warranted to be exact, nor is it warranted that all underground pipes, cables, utilities or structures are shown. CALL BEFORE YOU DIG (1-800-922-4455) shall be contacted at least 2 working days in advance of the start of excavating.
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  - Base map and datum from 2002 survey by Roald Haestad, Inc. supplemented with field surveys by Tata & Howard, Inc. April and August, 2022.

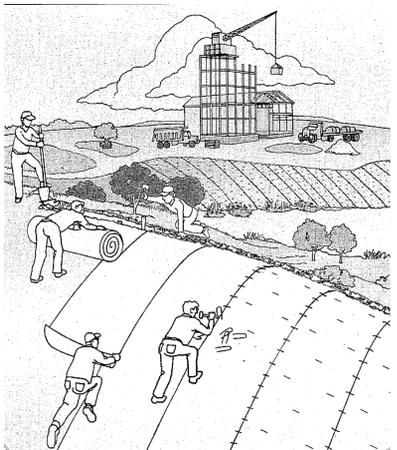
CONTRACT DRAWING

STATE OF CONNECTICUT		SEYMOUR NO. 4 DAM IMPROVEMENTS	
SEYMOUR NO. 4 DIKE		<small>DESIGNED BY: WSA  <small>CHECKED BY: DUL  <small>DRAWN BY: CEU  <small>APPROVED BY: WSA</small> </small> </small> </small>	
<small>THIS DOCUMENT IS THE PROPERTY OF TATA &amp; HOWARD, INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN CONSENT IS PROHIBITED.</small>		<small>DESCRIPTION</small> <small>DATE</small> <small>REV.</small>	
T&H NO.: 06722		DATE: FEBRUARY 2026	
SCALE: AS NOTED			
6			

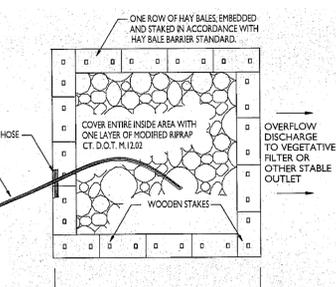
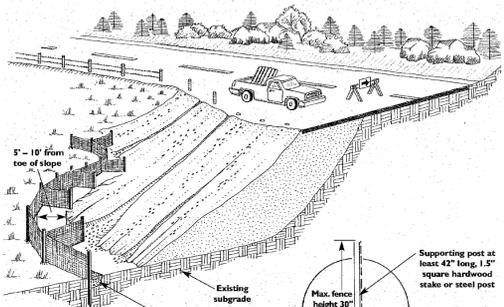
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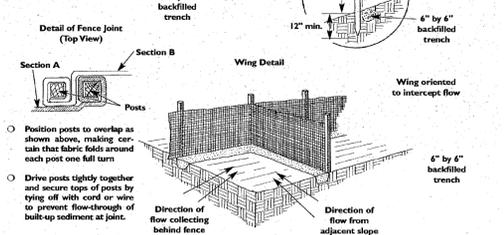
**EROSION AND SEDIMENT CONTROL LEGEND**  
 ECM - EROSION CONTROL MAT  
 PSB - PUMP SETTLING BASIN  
 GSF - GEOTEXTILE SILT FENCE  
 HB - HAY BALE BARRIER  
 CE - CONSTRUCTION ENTRANCE  
 RR - RIPRAP



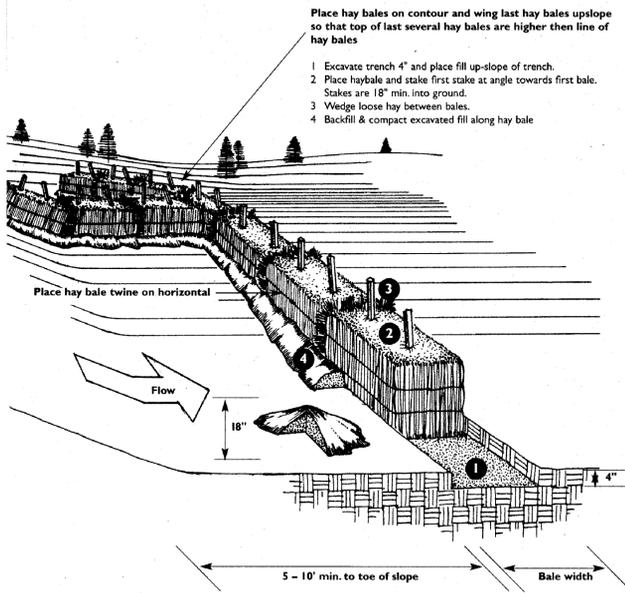
ECM - EROSION CONTROL MAT  
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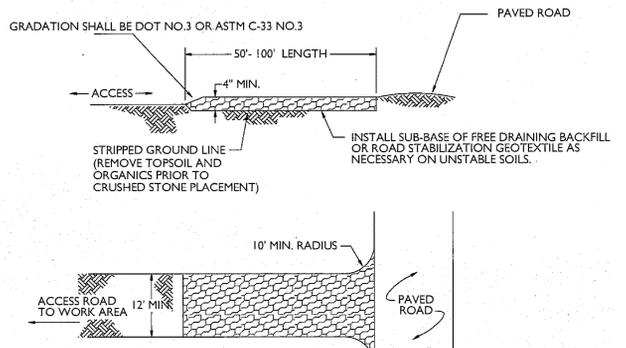
PSB - PUMP SETTLING BASIN  
NOT TO SCALE



GSF - GEOTEXTILE SILT FENCE  
NOT TO SCALE



HB - HAY BALE BARRIER  
NOT TO SCALE



CE - CONSTRUCTION ENTRANCE  
NOT TO SCALE

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Note: PSBs shall be located outside of wetlands and watercourses

STATE OF CONNECTICUT
SEYMOUR NO. 4 DAM IMPROVEMENTS
EROSION AND SEDIMENT CONTROL
T&H NO.: 06722 DATE: FEBRUARY 2025 SCALE: AS NOTED
7