



PUBLIC NOTICE

Comment Period Begins: March 5, 2024

Comment Period Ends: April 5, 2024

File Number: NAE-2022-00692

In Reply Refer to: Ms. Cori M. Rose, Regulatory Division

Phone: (978) 831-3673

Email: cori.m.rose@usace.army.mil

The District Engineer, U.S. Army Corps of Engineers, New England District (USACE), has received a permit application, file number NAE-2022-00692 to conduct work in waters of the United States (WOTUS) from William Hurley at the Town of Fairfield Engineering Department, Sullivan Independence Hall, 725 Old Post Road, Fairfield, Connecticut 06824. This work is proposed in waters affiliated with Londons Brook on the Fairchild Wheeler Country Club at 2390 Easton Turnpike, Fairfield Connecticut 06824. The site coordinates are Latitude 41.21253° North and Longitude -73.23832° West.

The work will involve the discharge of approximately 1,170 cubic yards of fill material consisting of soil, crushed stone, and interlocking concrete blocks underlain by a layer of geosynthetic polypropylene mesh grid, into waters and wetlands for the construction of two earthen berms. The northernmost berm which will create Detention Area 120 (total flood storage capacity of 13.1 acre-feet) will be approximately 6-feet high and 70-feet wide and will extend for approximately 500 linear feet. Incorporated into the earthen berm will be an approximately 64-foot-long by 20-foot-wide concrete weir control structure to regulate flow. The southernmost berm, which will create Detention Area 110 (total flood storage capacity of 21.4 acre-feet), will be approximately 9.5-feet high and 75-feet wide and will extend for approximately 300 linear feet. Incorporated into the earthen berm will be an approximately 90-foot-long by 20-foot-wide concrete weir control structure to regulate flows. Both flow weirs will be capped with a timber bridge for pedestrian access.

In total, the two berms will result in the permanent loss of approximately 12,250 square feet of wetlands and 910 square feet / 116 linear feet of watercourse (Londons Brook). Additionally, the work will result in an estimated temporary impact to 910 square feet of wetlands and 350 sq. ft. (151 linear feet) of watercourse from construction-related activities. Post-construction, the indirect impact to wetland from retention of flood waters is estimated to be approximately 3.65 acres. Impacts to WOTUS are reflected in the table below:

Detention Area 110 (approximate estimate)		
Impact	Area	Type
Direct Wetland Impact	9,210 sq. ft. / 0.21 acre	Fill/Disturbance
Direct Stream Impact	560 sf. ft. / 0.012 acre	Fill/Disturbance
Stream Loss	49 Linear Feet	Fill/Disturbance
Indirect Wetland Impact	88,000 SF/2.02 acres	Temporary Inundation
Detention Area 120 (approximate estimate)		
Impact	Area	Type
Direct Wetland Impact	3,950 sq. ft. / 0.09 acre	Fill/Disturbance
Direct Stream Impact	700 sq. ft. / 0.02 acre	Fill/Disturbance
Stream Loss	68 Linear Feet	Fill
Indirect Wetland Impact	71,000 SF/1.63 acre	Temporary Inundation

CENAE-R-CT
File No. NAE-2022-00692-TREC

The purpose of the project is to install flood water detention that will be capable of attenuating flows downstream and that is able to reduce the frequency and severity of flooding to properties and public infrastructure along the Rooster River

The work is shown on the enclosed plans prepared by SLR Consulting entitled "FAIRCHILD WHEELER COUNTRY CLUB (SITE 7)" on 11 sheets, dated "JUNE 10, 2022", revised through "AUGUST 9, 2023."

The applicant proposes to minimize adverse impact of the work with a temporary water bypass to maintain instream flow during instream construction and through the installation and maintenance of water quality best management practices. To offset the unavoidable adverse impacts to WOTUS, mitigation may include on-site wetland rehabilitation or compensation through the Audubon Connecticut In-Lieu Fee Program.

AUTHORITY

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899
- Section 404 of the Clean Water Act
- Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The USACE is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties so that we may evaluate the impacts of this proposed activity. The USACE will consider all comments received to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an environmental assessment and/or an environmental impact statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972, as amended.

NATIONAL HISTORIC PRESERVATION ACT

Based on our initial review of the proposed project, it appears there is little likelihood that a historic property exists or may be affected due to the nature, scope, and magnitude of the work, and/or structures to be permitted. This is based upon the following: the permit area has been extensively modified by previous work and recently created in modern times. Additional review and consultation to fulfill requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be undertaken as part of the permit review process and these consultations will be completed prior to a making a final decision on the application.

ENDANGERED SPECIES CONSULTATION

The USACE is reviewing the application for the potential impact on federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act as amended. Our review will be concluded prior to the final decision.

The following authorizations have been applied for, or have been, or will be obtained:

- Permit, license or assent from State.
- Permit from local wetland agency or conservation commission.
- Water Quality Certification in accordance with Section 401 of the Clean Water Act.

COMMENTS

The USACE is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties so that we may evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the

CENAE-R-CT
File No. NAE-2022-00692-TREC

need for a public hearing and to determine the overall public interest of the proposed activity. People submitting comments are advised that all comments received will be available for public review in their entirety and will be considered a matter of public record.

Comments should be submitted in writing by the above date. If you have any questions, please contact Ms. Cori M. Rose of the Regulatory Division Technical Regional Execution Center by email at cori.m.rose@usace.army.mil or by phone at (978) 831-3573.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The USACE holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

Kevin R Kotelly

Kevin R. Kotelly, P.E.
Chief, CT/RI Section
Regulatory Division

Please contact Ms. Tina Chaisson at bettina.m.chaisson@usace.army.mil or (978) 318-8058 if you would like to be removed from our public notice mailing list.

FAIRCHILD WHEELER COUNTRY CLUB FLOODWATER DETENTION SYSTEM (SITE 7)

PRELIMINARY DESIGN (60%)

2390 EASTON TURNPIKE
FAIRFIELD, CONNECTICUT

1342-28
JUNE 10, 2022
REVISED: AUGUST 9, 2023

GENERAL NOTES

1. REVIEWER: JAMES J. WHELAN, P.E., CIVIL ENGINEER, 100 W. MAIN ST., SUITE 200, FAIRFIELD, CT 06424
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF FAIRFIELD AND THE STATE OF CONNECTICUT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF FAIRFIELD AND THE STATE OF CONNECTICUT.
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CONSTRUCTION SEQUENCE

1. DEMOLITION AND REMOVAL OF EXISTING STRUCTURES AND UTILITIES.
2. EXCAVATION AND INSTALLATION OF DETENTION BASINS.
3. CONSTRUCTION OF DETENTION BASINS AND OVERFLOW PROTECTION.
4. INSTALLATION OF PUMP STATIONS AND PIPING.
5. CONSTRUCTION OF WEIR AND GATE STRUCTURES.
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GENERAL CONSTRUCTION NOTES

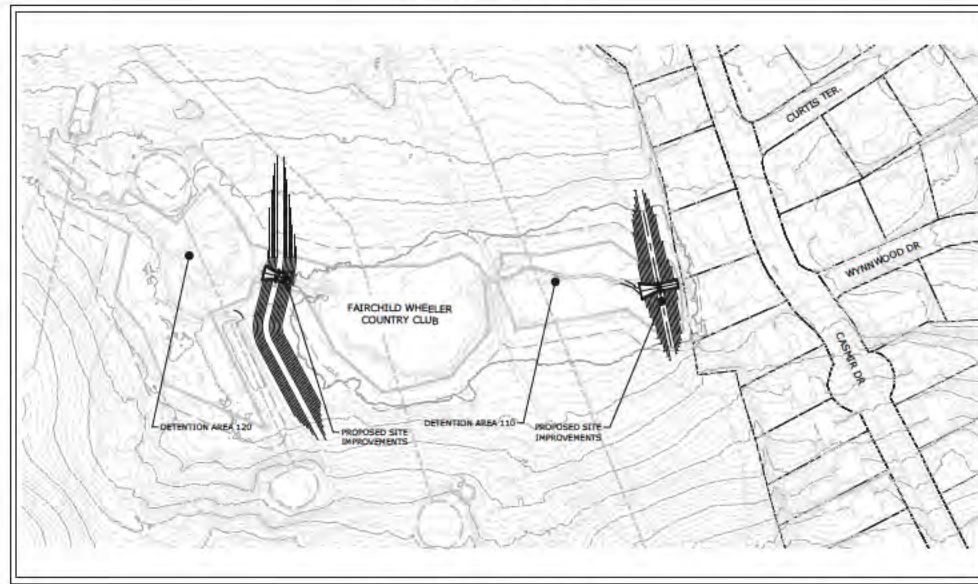
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OPERATION AND MAINTENANCE PLAN (POST-CONSTRUCTION)

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF FAIRFIELD AND THE STATE OF CONNECTICUT.
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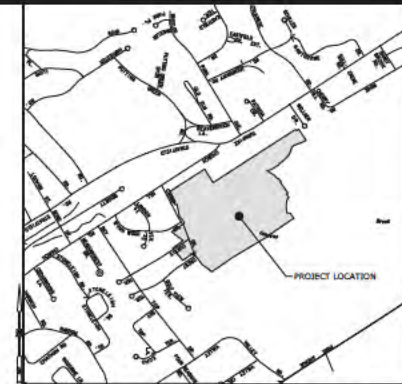
EARTHWORK SUMMARY:

DESCRIPTION	CU	FC	MC
EXCAVATION	4400	4400	4400
FILL	500	500	500
CONCRETE	3800	3800	3800



PROJECT SITE VICINITY MAP

PREPARED BY



LOCATION MAP

LEGEND

EXISTING	PROPOSED
1" = 10'	1" = 10'
2" = 10'	2" = 10'
3" = 10'	3" = 10'
4" = 10'	4" = 10'
5" = 10'	5" = 10'
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19" = 10'	19" = 10'
20" = 10'	20" = 10'

PREPARED FOR
TOWN OF FAIRFIELD
811 OLD POST ROAD
FAIRFIELD, CT 06824

LIST OF DRAWINGS

NO.	NAME	TITLE
1	-	TITLE SHEET
2	AERIAL	SITE AERIAL PHOTO
3	SM	SITE MAP
4	DP	DETENTION AREA 120 & 110 PLAN
5	OP	DETENTION AREA 110 OVERTOPPING PROTECTION
6	WR	WETLAND REPLANTING AREAS
7	SD-1	SITE DETAILS
8	SD-2	SITE DETAILS
9	STR-01	STRUCTURAL DETAILS
10	STR-02	STRUCTURAL DETAILS
11	STR-03	STRUCTURAL DETAILS

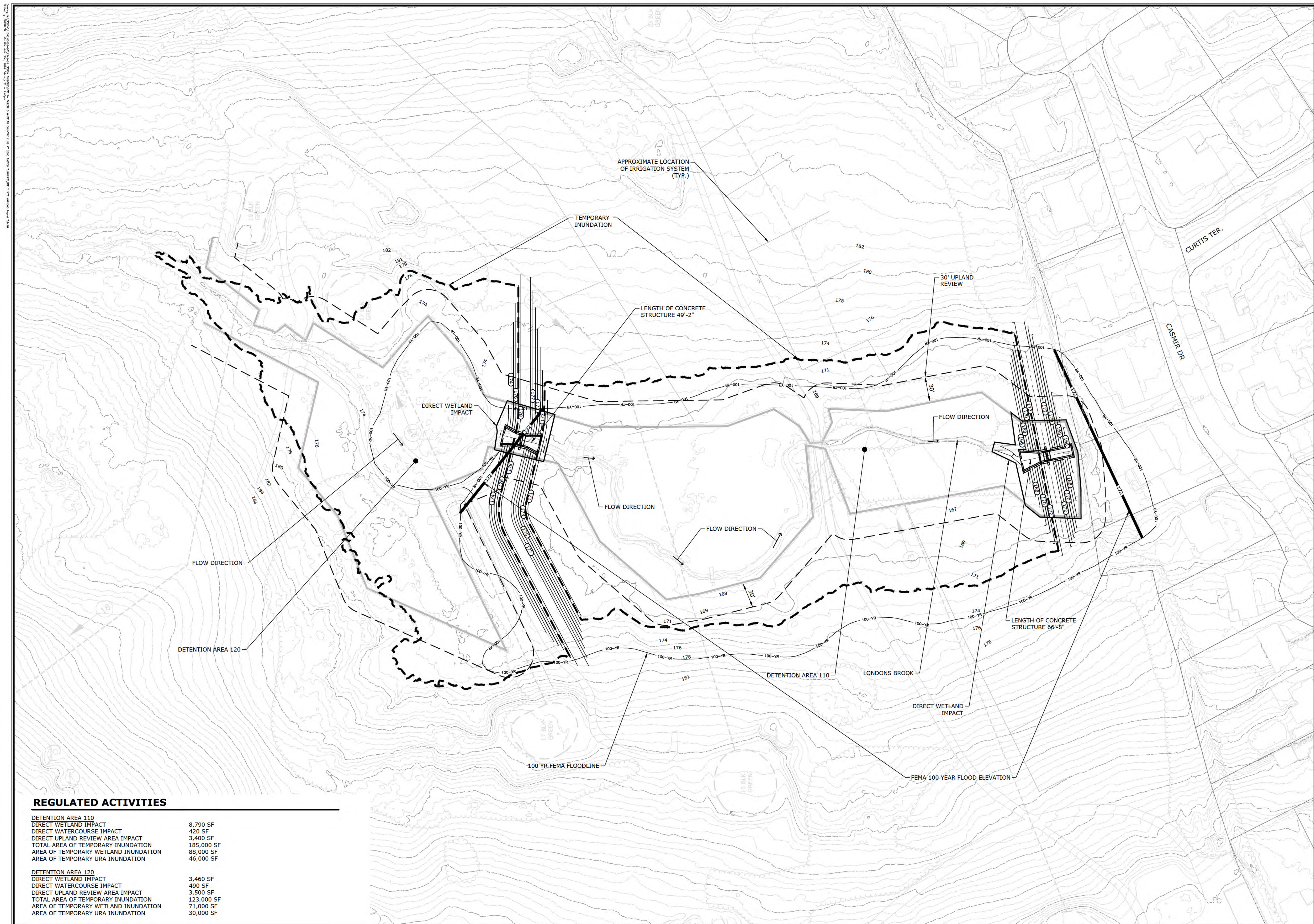




SLR CONSULTANTS INC. 1100 WEST 17TH AVENUE SUITE 300 DENVER CO 80202
 TEL: (303) 733-8800 FAX: (303) 733-8801 WWW.SLRCONSULTANTS.COM

 <small> SLOAN LUTHER DENVER, CO 80202 P. 303.733.8800 E. SLR@SLR.COM </small>																					
SITE AERIAL PHOTO FAIRCHILD WHEELER COUNTRY CLUB SITE 7 2390 EASTON TURNPIKE FAIRFIELD, CONNECTICUT	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">DESCRIP. CON.</th> <th style="width: 40%;">DATE BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	DESCRIP. CON.	DATE BY																		
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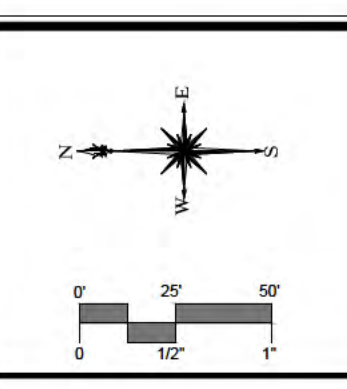
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REGULATED ACTIVITIES

DETENTION AREA 110	8,790 SF
DIRECT WETLAND IMPACT	420 SF
DIRECT WATERCOURSE IMPACT	3,400 SF
DIRECT UPLAND REVIEW AREA IMPACT	185,000 SF
TOTAL AREA OF TEMPORARY INUNDATION	88,000 SF
AREA OF TEMPORARY WETLAND INUNDATION	46,000 SF
AREA OF TEMPORARY URA INUNDATION	

DETENTION AREA 120	3,460 SF
DIRECT WETLAND IMPACT	490 SF
DIRECT WATERCOURSE IMPACT	3,500 SF
DIRECT UPLAND REVIEW AREA IMPACT	123,000 SF
TOTAL AREA OF TEMPORARY INUNDATION	71,000 SF
AREA OF TEMPORARY WETLAND INUNDATION	30,000 SF
AREA OF TEMPORARY URA INUNDATION	

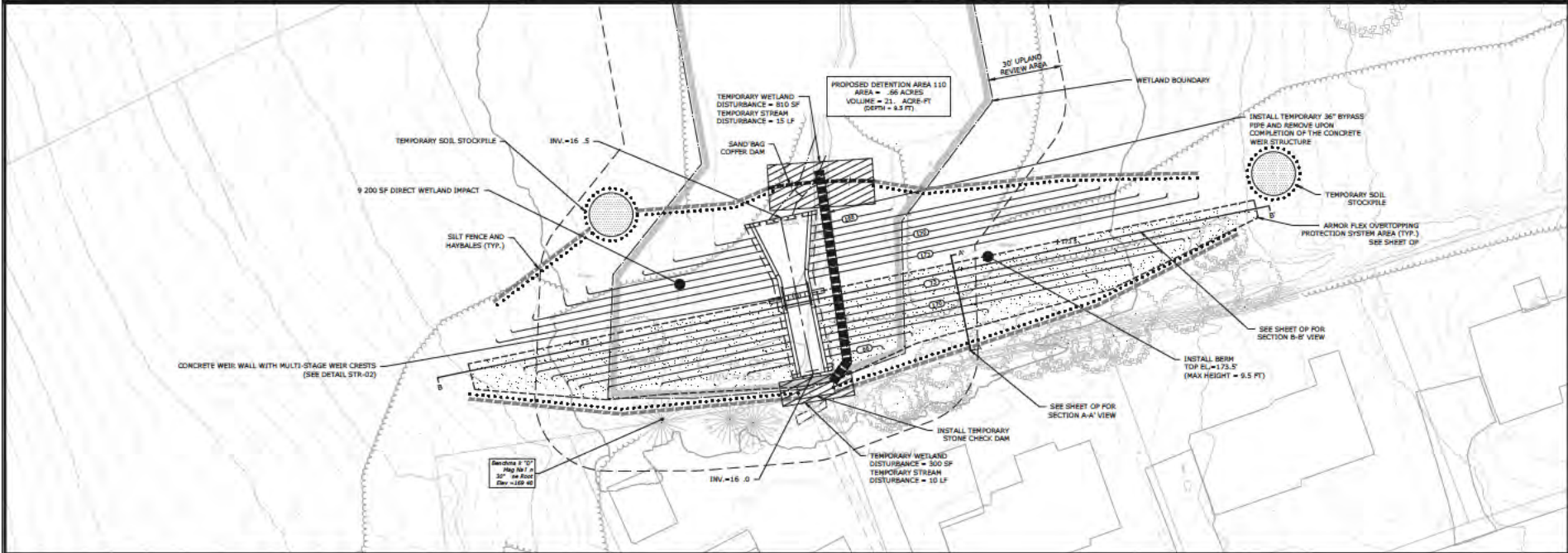
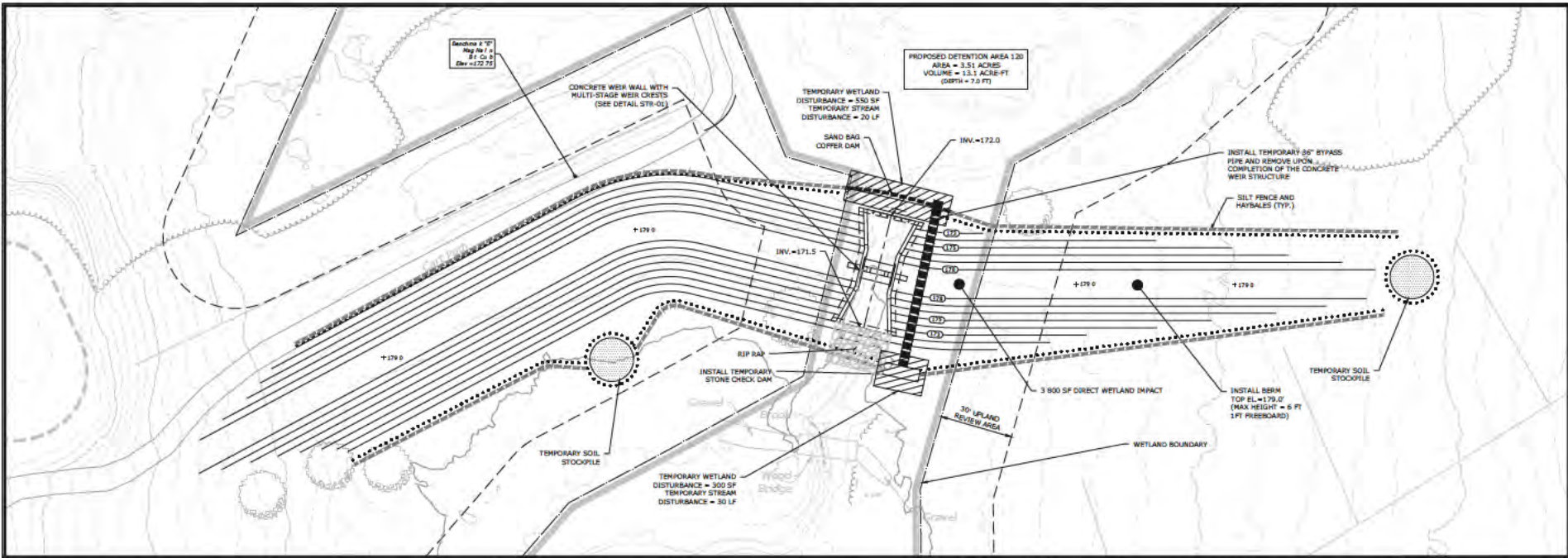


SLR
 99 REALTY DRIVE SUITE 200
 203.271.1773
 SLRCONSULTING.COM

DESCRIPTION	DATE	BY
FLOODPLAIN LINE	9/11/2023	SMM
WATERCOURSE IMPACTS	11/9/2023	SMM
FLOOD ARROWS	2/21/2024	SMM

SITE MAP
 FAIRCHILD WHEELER COUNTRY CLUB
 SITE 7
 2390 EASTON TURNPIKE
 FAIRFIELD, CONNECTICUT

EAH	SMM	EAH
DESIGNED	DRAWN	CHECKED
SCALE: 1"=50'		
DATE: JUNE 10, 2022		
PROJECT NO: 1342-28		
SHEET NO: 3 OF 11		
SM		



SLR
 STATE OF CONNECTICUT
 REGISTERED PROFESSIONAL ENGINEER
 & ARCHITECT

REVISION	DATE	BY	CHK	APP

DETENTION AREA 120 & 110 PLAN

FAIRCHILD WHEELER COUNTRY CLUB

SITE 7

2390 EASTON TURNPIKE
FAIRFIELD, CONNECTICUT

NO.	DATE	BY	CHK	APP

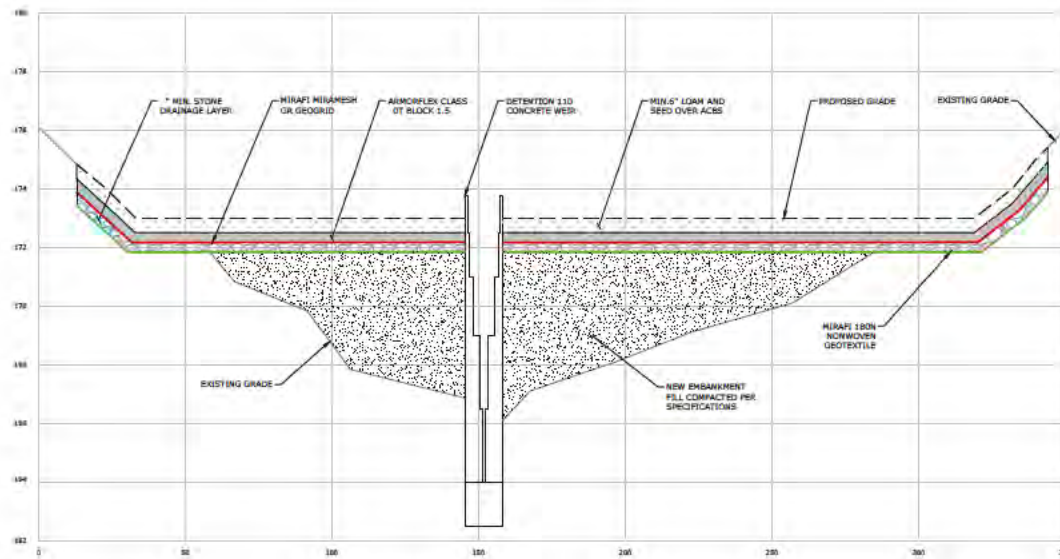
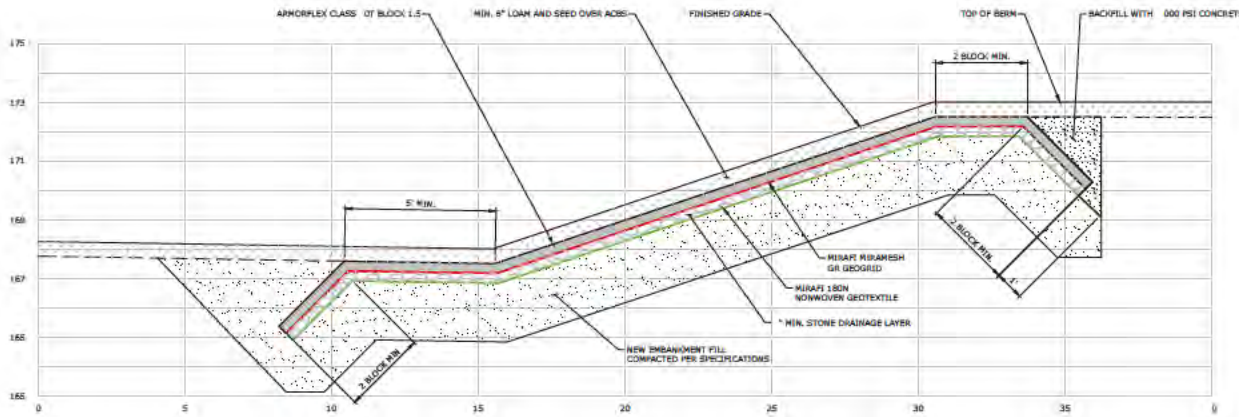
SCALE: 1" = 20'

DATE: JUNE 10, 2022

PROJECT: 134228

SHEET: 4 OF 11

DP



DESCRIPTION	DATE	BY

DETENTION AREA 110 OVERTOPPING PROTECTION
 FAIRCHILD WHEELER COUNTRY CLUB
 SITE 7
 2390 EASTON TURNPIKE
 FAIRFIELD, CONNECTICUT

SMM	SMM	EAH
SCALE AS NOTED		
DATE: JUNE 16, 2022		
DRAWING NO: 1942 28		
SHEET NO: 5 OF 11		

OP



WETLAND REPLANTING AREAS	
LOCATION	AREA (SF)
1	27 592
2	17 960
TOTAL	5 552

WETLAND REPLANTING SCHEDULE	
	MITIGATION PLANTING 5 552 sf Acorus americanus / Sweet Flag 5 255 Aster novae-angliae / New England Aster 58 Chelone obliqua / Turtlehead 133 Eupator adolphus fistulosus / Joe Pye Weed 58 Iris prismatica / Blue Flag Iris 133 Junco effusus / Soft Grass 329 Scirpus atrovirens / Wool Grass 133 Scirpus atrovirens / Dark Green Burrush 133 Verbascum hastata / Blue Vervain 133 Liriodendron / Spicebush 25 Oenothera biennis / Sweet Pepperbush 25

- MITIGATION NOTES:**
- FUTURE DISTURBANCE/DEVELOPMENT WILL BE PREVENTED AND MITIGATION AREAS WILL NOT BE IMPACTED IN THE FUTURE.
 - THE GOAL OF THE PROPOSED MITIGATION PROJECT WILL INCLUDE A MINIMUM OF 80% COVER OF NATIVE SPECIES AND LESS THAN 5% COVER OF NON-NATIVE VEGETATION IN THE WETLAND AREAS. PRIOR TO THE START OF WORK, THE MITIGATION AREA WILL BE SURVEYED FOR BASELINE VEGETATION INCLUDING PERCENT COVER OF INVASIVE AND NATIVE SPECIES TO LEVEL OF COMPARISON STANDARDS TO GAUGE TO EFFECTIVENESS OF WETLAND RESTORATION.
 - MONITORING WILL BE CONDUCTED FOR 5 YEARS AND CONTINUE ANNUALLY UNTIL PERFORMANCE STANDARDS ARE MET. FOR EACH OF THE FIRST FIVE FULL GROWING PERIODS FOLLOWING CONSTRUCTION OF THE MITIGATION AREAS THE AREAS WILL BE MONITORED AND ANNUAL MONITORING REPORTS SUBMITTED TO CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION (CT DEEP). THE MITIGATION AREA WILL BE SURVEYED A MINIMUM OF TWICE DURING THE GROWING SEASON (MARCH TO OCTOBER). A POST-CONSTRUCTION ASSESSMENT OF THE MITIGATION AREAS SHALL BE PERFORMED AT THE END OF THE FIVE-YEAR MONITORING PERIOD.



FENCING EXAMPLE



DESCRIP. BOX	DATE BY	
	DATE	BY
DATE COMMENT E		

WETLAND REPLANTING AREAS
 FAIRCHILD WHEELER COUNTRY CLUB
 SITE 7
 2390 EASTON TURNPIKE
 FAIRFIELD, CONNECTICUT

EAH	SMM	EAH
DATE	DATE	DATE

1" = 60'
 JUNE 28, 2023
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SEDIMENT & EROSION CONTROL SPECIFICATIONS

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TEMPORARY VEGETATIVE COVER

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PERMANENT VEGETATIVE COVER

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VEGETATIVE COVER SELECTION & MULCHING

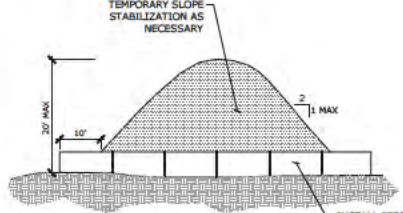
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EMERGENCY OPERATION PLAN DURING CONSTRUCTION

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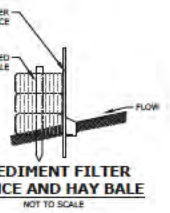
WATER CONTROL PLAN

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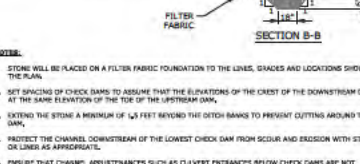
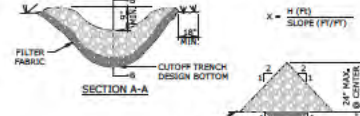
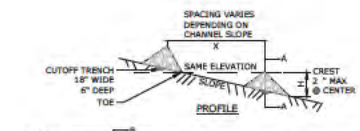


1. INSTALL A GEOTEXTILE SILT FENCE AND/OR HAY BALE BARRIER AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM THE PROPOSED TOE OF SLOPE.
2. SLOPE SLOPES SHALL NOT EXCEED A SLOPE OF 2:1. STOCKPILES THAT REMAIN INACTIVE FOR MORE THAN 30 DAYS SHALL BE SEDED AND MULCHED IMMEDIATELY AFTER FORMATION.
3. DISTANCE FROM WETLANDS, WATERCOURSES, DRAINAGE WAYS AND STEEP SLOPES SHALL BE MAXIMIZED. RUNOFF SHALL BE DIVERTED AWAY FROM STOCKPILE AREA.

TEMPORARY SOIL STOCKPILE

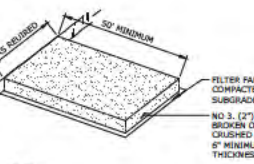


SEDIMENT FILTER FENCE AND HAY BALE



CHECK DAM

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STRIKE A MINIMUM OF 1/2 FEET BEYOND THE OTTER BANKS TO PREVENT CUTTINGS AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LOGS AS APPROPRIATE.
5. ENSURE THAT CHANNEL APERTURES/CLEARANCES AS CHECK DAMS ENHANCE BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE, MAXIMUM DRAINAGE AREA 2 ACRES.



CONSTRUCTION ENTRANCE PAD

DATE BY	
DESCRIP	

SITE DETAILS
 FAIRCHILD WHEELER COUNTRY CLUB
 SITE 7
 2390 EASTON TURNPIKE
 FAIRFIELD, CONNECTICUT

EAH	SMM	EAH
AS NOTED		
JUNE 10, 2022		
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7 OF 11		
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FORMATION OF DAM EMBANKMENT

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NO 10	30-45
NO 40	20-45
NO 100	20-45
NO 200	15-40

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3. ACENEN NO I SHA BE ACED UN I HE QUNDA KON BE ARA KON AND PICALA VRES ON HE QUNDA KON HAVE BEEN COM B ED MO I SHA BE ACED ON A ROZEN SUR ACE ROZ SHA ROZEN MA ERSA BE BISHO CHA ED

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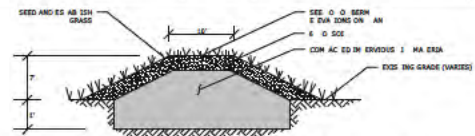
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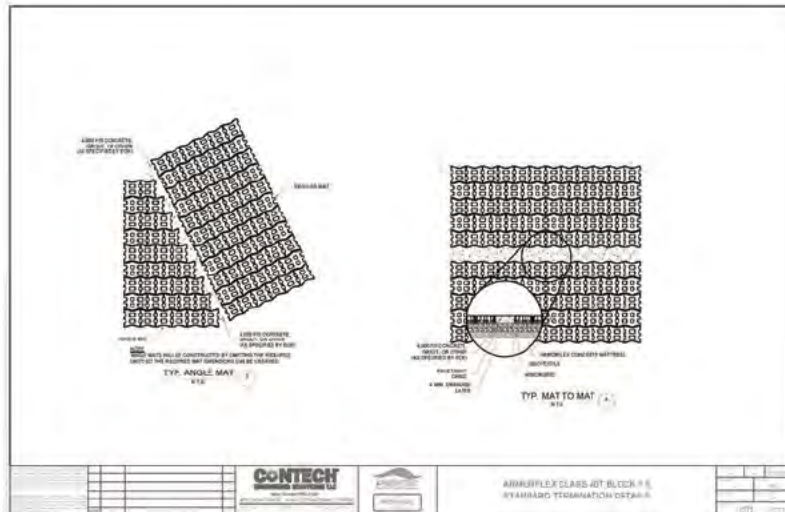
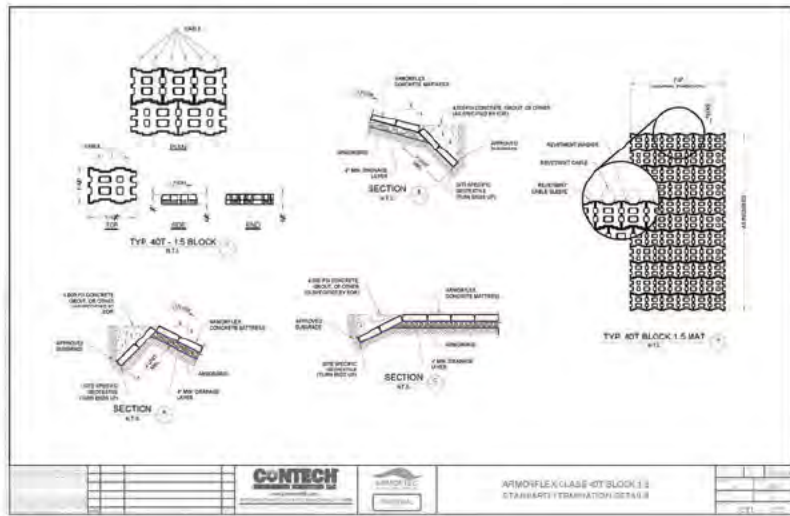
TABLE 1: FIELD AND LABORATORY TESTING PROTOCOLS

MATERIAL	TEST DESCRIPTION/FREQUENCY								
	LABORATORY GRADATION LIMITS (ASTM D 22)	ATTENBERG LIMITS (ASTM D 318)	LABORATORY MOISTURE-SENSITIVITY (ASTM D5195)	FIELD DENSITY TESTING (ASTM D5195)	MAX LOOSE LIFT THICKNESS	MIN. CONACTION REQUIREMENT	CONCRETE SLUMP (ASTM C13)	CONCRETE AIR CONTENT (ASTM C231)	TEST CYLINDERS (ASTM C31)
EMBANKMENT FILL	1 TEST/5 000 YD ³	1 TEST/5 000 YD ³	1 TEST/5 000 YD ³	1 TEST/1 000 YD ² /LIFT	1'-0"	95%	N/A	N/A	N/A
STONE DRAINAGE LAYER	1 TEST/5 000 YD ³	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOPSOIL	1 TEST/5 000 YD ³	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CONCRETE	N/A	N/A	N/A	N/A	N/A	N/A	EVERY LOAD	EVERY LOAD	1 SET OF 3 YD ³



FORMATION OF EARTHEN EMBANKMENT MATERIAL

NOT TO SCALE



DESCRIPTION	DATE	BY

SITE DETAILS
FAIRCHILD WHEELER COUNTRY CLUB
SITE 7
2390 EASTON TURNPIKE
FAIRFIELD, CONNECTICUT

EAS	SM	EAS
AS NOTED		
JUNE 10, 2022		
1342 28		
8 OF 11		

FASTENING NOTES

1. JOISTS TO POSTS - 1/2" LAG BOLTS & 3/8" THRU BOLTS AS SHOWN ON DETAILS.
2. DECKING TO JOISTS - 3" GALVANIZED SCREWS.
3. RAILINGS TO POSTS - 3" GALVANIZED SCREWS.
4. RAILING CABLES TO POSTS PER MANUFACTURER'S RECOMMENDATIONS.

TIMBER BRIDGE

PART 1 - GENERAL

DESCRIPTION OF WORK:

- CONSTRUCTION INCLUDES THE FOLLOWING TYPES OF WORK:
- STAINLESS STEEL CABLE RAILING
 - CONCRETE ABUTMENTS
 - WOOD FRAMING
 - TIMBER DECKING

REFERENCES

LUMBER STANDARDS: COMPLY WITH PS 20 AND WITH APPLICABLE RULES OF THE RESPECTIVE GRADING AND INSPECTING AGENCIES FOR SPECIES AND PRODUCTS INDICATED.

SUBMITTALS

PRODUCT DATA: SUBMIT MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR MATERIALS LISTED BELOW.

WOOD TREATMENT DATA: SUBMIT TREATMENT MANUFACTURER'S INSTRUCTIONS FOR PROPER USE OF EACH TYPE OF TREATED MATERIAL.

PRESERVATIVE TREATMENT: FOR EACH TYPE SPECIFIED, INCLUDE CERTIFICATION BY TREATING PLANT STATING CHEMICALS AND PROCESS USED, NET AMOUNT OF PRESERVATIVE RETAINED AND CONFORMANCE WITH APPLICABLE STANDARDS.

PRODUCT HANDLING

DELIVERY AND STORAGE: KEEP MATERIALS DRY AT ALL TIMES, PROTECT AGAINST EXPOSURE TO WEATHER AND CONTACT WITH DAMP OR WET SURFACES. STACK LUMBER AND FLYWOOD AND PROVIDE AIR CIRCULATION WITHIN STACKS.

PART 2 - PRODUCTS

MATERIALS

LUMBER, GENERAL

FACTORY MARK EACH PIECE OF LUMBER WITH TYPE, GRADE, MILL AND GRADING AGENCY. EXCEPT OMIT MARKING FROM SURFACES TO BE EXPOSED WITH TRANSPARENT FINISH OR WITHOUT FINISH.

NOMINAL SIZES ARE INDICATED EXCEPT AS SHOWN BY DETAIL DIMENSIONS. PROVIDE ACTUAL SIZES AS REQUIRED BY PS 20 FOR MOISTURE CONTENT SPECIFIED FOR EACH USE.

PROVIDE DRESSED LUMBER, S 4 UNLESS OTHERWISE INDICATED.

PROVIDE SEASONED LUMBER WITH 19% MAXIMUM MOISTURE CONTENT AT THE TIME OF DRESSING.

PROVIDE SOUTHERN PINE LUMBER FOR FRAMING.

TIMBER PLANKS, TBD

POSTS SHALL RUN FULL HEIGHT AND NO SPLICING ALLOWED.

MISCELLANEOUS MATERIALS

FASTENERS AND ANCHORAGES: PROVIDE SIZE, TYPE, MATERIAL AND FINISH AS INDICATED AND AS RECOMMENDED BY APPLICABLE STANDARDS, COMPLYING WITH APPLICABLE FEDERAL SPECIFICATIONS FOR NAILS, STAPLES, SCREWS, BOLTS, NUTS, WAGERS AND ANCHORING DEVICES. PROVIDE METAL HANGERS AND FRAMING ANCHORS OF THE SIZE AND TYPE RECOMMENDED BY THE MANUFACTURER. FOR EACH USE INCLUDING RECOMMENDED NAILS, PROVIDE FASTENERS AND ANCHORAGES WITH A HOT-DIP ZINC COATING (ASTM A 153).

WOOD PRESERVATIVE TREATMENT: SEE SPECIFICATIONS

PART 3 - EXECUTION

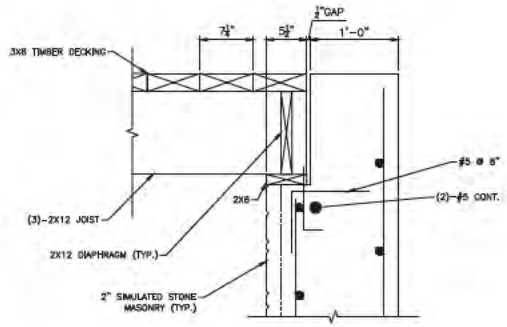
MATERIALS, GENERAL

DISCARD UNITS OF MATERIAL WITH DEFECTS WHICH IMPAIR QUALITY OF WORK, AND UNITS WHICH ARE TOO SMALL TO USE IN FABRICATING WORK WITH MINIMUM JOINTS OR OPTIMUM JOINT ARRANGEMENTS.

SET CARPENTRY WORK ACCURATELY TO REQUIRED LEVELS AND LINES WITH MEMBERS PLUMB AND TRUE AND ACCURATELY CUT AND FITTED.

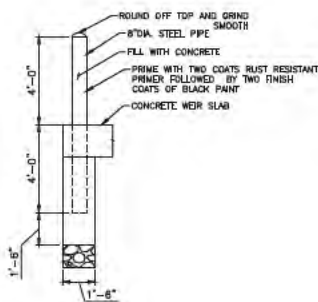
SECURELY ATTACH CARPENTRY WORK TO SUBSTRATE BY ANCHORING AND FASTENING AS SHOWN AND AS REQUIRED BY RECOGNIZED STANDARDS. COUNTERSINK SCREW AND NAIL HEADS ON EXPOSED CARPENTRY WORK AND HILL HOLES. SELECT FASTENERS OF SIZE THAT WILL NOT PENETRATE MEMBERS WHERE OPPOSITE SIDE WILL BE EXPOSED TO VIEW. MAKE TIGHT CONNECTIONS BETWEEN MEMBERS. INSTALL FASTENERS WITHOUT SPLITTING OF WOOD; PRE-DRILL AS REQUIRED.

ADA ACCESSIBILITY: THE ENTIRE BOARDWALK IS TO BE HANDICAP ACCESSIBLE. CONTRACTOR TO MAINTAIN EXISTING ELEVATIONS.



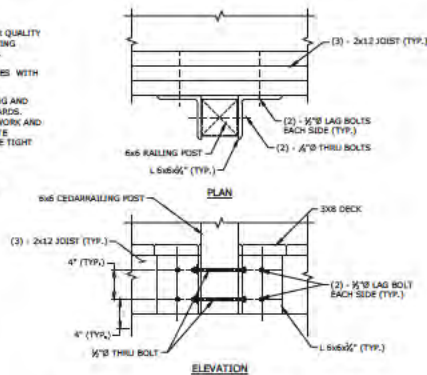
BRIDGE SEAT SECTION

SCALE 1 1/2" = 1'-0"



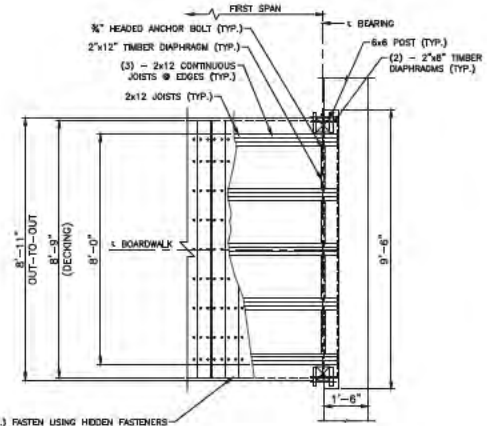
FIXED STEEL BOLLARD

SCALE 3/8" = 1'-0"



INTERMEDIATE POST CONNECTION

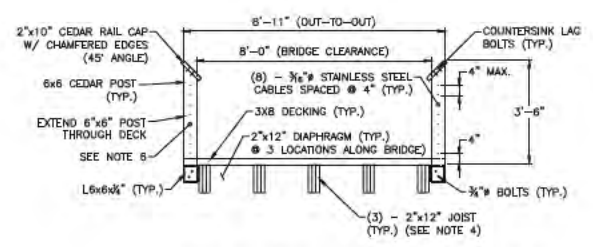
SCALE 1 1/2" = 1'-0"



TYPICAL ABUTMENT PLAN

SCALE 1/2" = 1'-0"

3"x8" DECKING (TYP.) FASTEN USING HIDDEN FASTENERS W/ STAINLESS STEEL SCREWS AND 3/8" GAP B/T BOARDS. END BOARDS USE 3" (#8) STAINLESS STEEL SCREWS (2 PER CONNECTION). COUNTERSINK HOLE TO SET SCREW HEADS 1/8" BELOW DECK SURFACE.



TYPICAL BOARDWALK/OVERLOOK SECTION

SCALE 1/2" = 1'-0"

NOTES

1. ALL POSTS AND TOP RAIL SHALL BE ACTUAL SIZE.
2. ALL MEMBERS SHALL BE PRESSURE TREATED TIMBER, OR AS INDICATED ON PLANS.
3. ALL PRESSURE TREATED TIMBER SHALL BE NOMINAL SIZE.
4. ALL (3)-2X12'S SHALL BE NAILED TOGETHER TO CREATE BEAM.
5. ALL EXPOSED END OF POSTS AND RAILS SHALL BE 1" CHAMFERED (45°) EDGES.
6. CABLES SHALL HAVE A CONNECTOR AT EVERY POST, AND CABLES SHALL NOT RUN THRU CENTER OF POSTS.
7. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL.



NO.	DATE	BY	DESCRIPTION

STRUCTURAL DETAILS
 FAIRCHILD WHEELER COUNTRY CLUB
 SITE 7
 2390 EASTON TURNPIKE
 FAIRFIELD, CONNECTICUT

NO.	DATE	BY	DESCRIPTION

STR-03