

# SLOCOMB POND DAM REMOVAL PROJECT (CT DEEP ID #5425) TOWN OF GLASTONBURY HARTFORD COUNTY, CONNECTICUT

**GENERAL NOTES:**

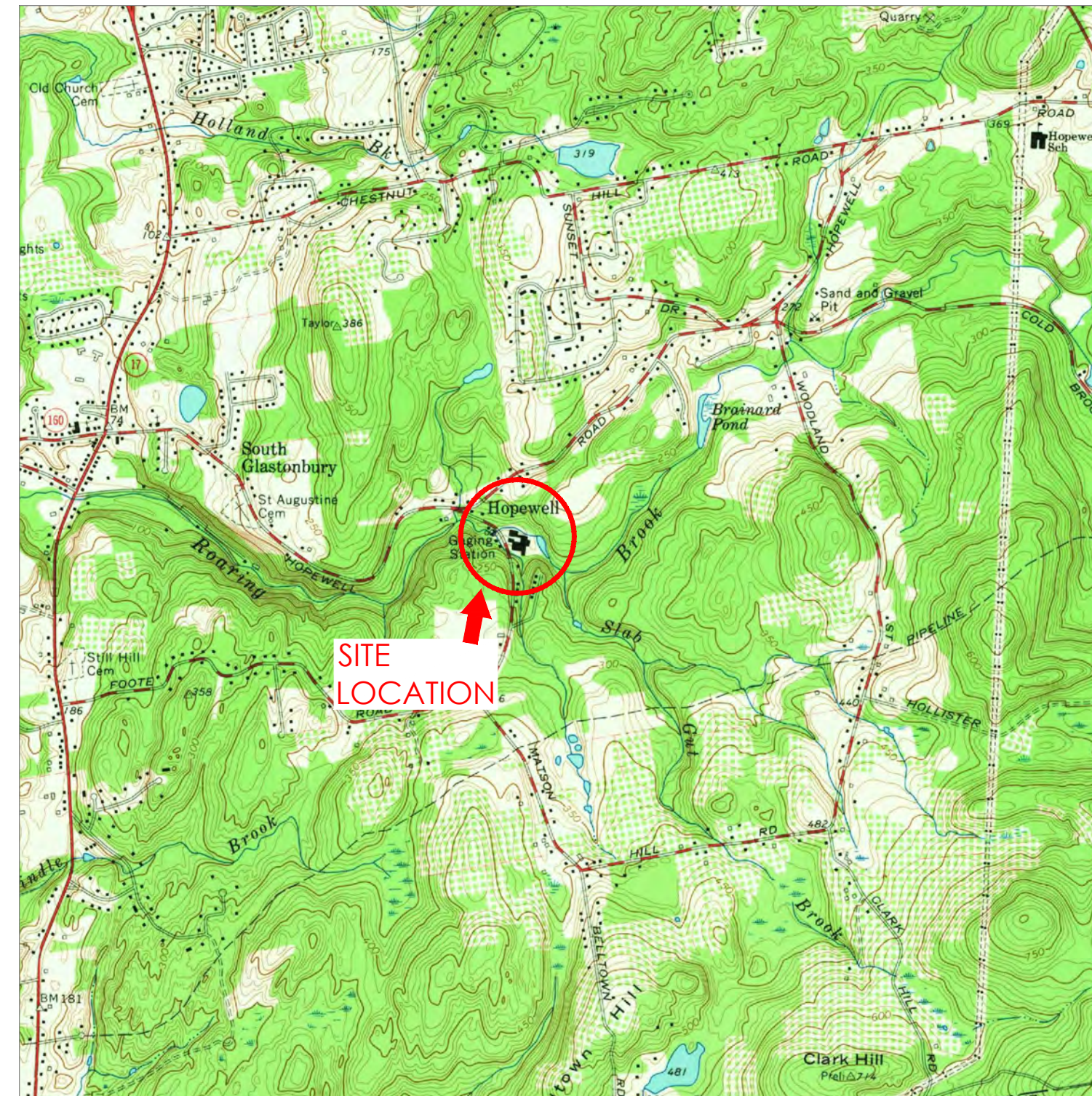
1. THE APPROVAL AND USE OF THESE PLANS ARE FOR THE PROJECT APPLICANT AS DEPICTED ON THIS SHEET. THIS PLAN IS NOT TO BE UTILIZED IN THE PREPARATION OF ANY OTHER PROJECTS.
2. AS FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO PROPOSED TOPOGRAPHIC ELEVATIONS AND FACILITY LOCATIONS, THESE PLANS ARE NOT TO BE UTILIZED AS AS-BUILTS.
3. THESE PLANS ARE NOT TO BE UTILIZED FOR CONSTRUCTION, UNTIL ALL REQUIRED LOCAL, STATE, AND FEDERAL PERMITS ARE OBTAINED.
4. PROPOSED CONSTRUCTION MUST BE SUPERVISED BY A PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF CONNECTICUT OR BY A QUALIFIED ENGINEERING TECHNICIAN OR GEOMORPHOLOGIST UNDER RESPONSIBLE CHARGE OF THE PROFESSIONAL ENGINEER, AS PROVIDED FOR IN THE TECHNICAL SPECIFICATIONS.

**CONSTRUCTION NOTES:**

1. ALL MATERIALS SHALL CONFORM TO THE LATEST AMERICAN STANDARDS FOR TESTING AND MATERIALS SPECIFICATIONS (ASTM).
2. UTILITIES SHALL BE LOCATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
3. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICES AND MAINS. ANY DAMAGE TO EXISTING SERVICES OR MAINS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S OWN EXPENSE.
4. EXCAVATIONS AND STOCKPILES IN NO WAY SHALL HAVE SLOPES STEEPER THAN 2:1.
5. THE CONTRACTOR SHALL NOTE THAT IN THE CASE OF A DISCREPANCY BETWEEN THE SCALED AND THE FIGURED DIMENSIONS SHOWN ON THESE PLANS, THE FIGURED DIMENSIONS SHALL APPLY.
6. IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK THAT WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT, SHALL NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM THAT WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ROADS, CURBS, FENCES, SIGNS, STRUCTURES, VEGETATION, IRRIGATION, LANDSCAPING COMPONENTS, AND ANY OTHER PROPERTY ITEMS THAT ARE REMOVED OR DAMAGED FOR THE PURPOSES OF THE PROJECT LOGISTICS AND ACCIDENTS.

**CONSTRUCTION SAFETY AND SECURITY:**

1. ALL CONSTRUCTION SHALL ADHERE TO OSHA STANDARDS AND REGULATIONS.



A PROJECT VICINITY  
SCALE: 1" = 2000'



B ORTHOPHOTOGRAPHY  
SCALE: 1" = 2000'

**PROJECT APPLICANT**  
TOWN OF GLASTONBURY  
ATTN: DANIEL A PENNINGTON, P.E.  
2155 MAIN STREET  
GLASTONBURY, CT 06033

**PROJECT ENGINEER**  
PRINCETON HYDRO  
931 MAIN STREET, SUITE 2  
SOUTH GLASTONBURY, CT 06073

SHEET LIST TABLE	
SHEET NUMBER	SHEET TITLE
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2	OVERVIEW
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4	PROPOSED CONDITIONS
5	CONSTRUCTION SEQUENCE AND EROSION & SEDIMENT CONTROL
6	PROFILE AND DAM CROSS SECTIONS
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**CALL BEFORE YOU DIG!**  
CONNECTICUT LAW REQUIRES  
2 FULL WORKING DAYS NOTICE  
PRIOR TO CONSTRUCTION - STOP CALL  
CALL BEFORE YOU DIG, INC.  
REFERENCE CONNECTICUT SECTION 1:  
SECTION 16-345-1 THROUGH 16-345-7  
 1-800-922-4455

**PROJECT NOTES**

1. HORIZONTAL DATUM IS CONNECTICUT STATE PLANE NAD83, FEET. VERTICAL DATUM BASED ON NAVD83, FEET.
2. SURVEY OBTAINED FROM "IMPROVEMENT LOCATION PLAN DEPICTING LAND OF TOWN OF GLASTONBURY "SLOCOMB OPEN SPACE PARK" DATED AUGUST 2019 PROVIDED BY TOWN OF GLASTONBURY.
3. WETLAND DELINEATION COMPLETED BY MARTIN BROGIE, INC. ON AUGUST 20, 2019.
4. ALL DRAWING SCALES ACCURATE WHEN PRINTED ON 24" BY 36" PAPER.

DATE	DESCRIPTION
REVISIONS	

STATE OF CONNECTICUT CERTIFICATE OF REGISTRATION NO.: 0001188

**LAURA A.S. WILDMAN**  
Professional Engineer  
Ct. Lic. No. 188596  
  
APRIL 2, 2020  
DATE

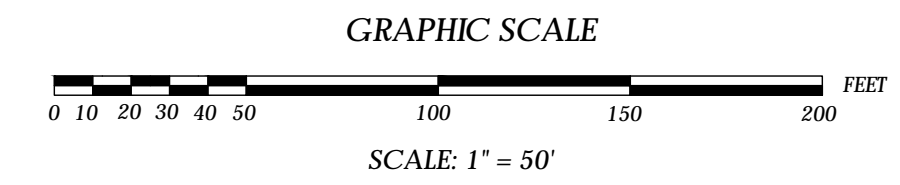
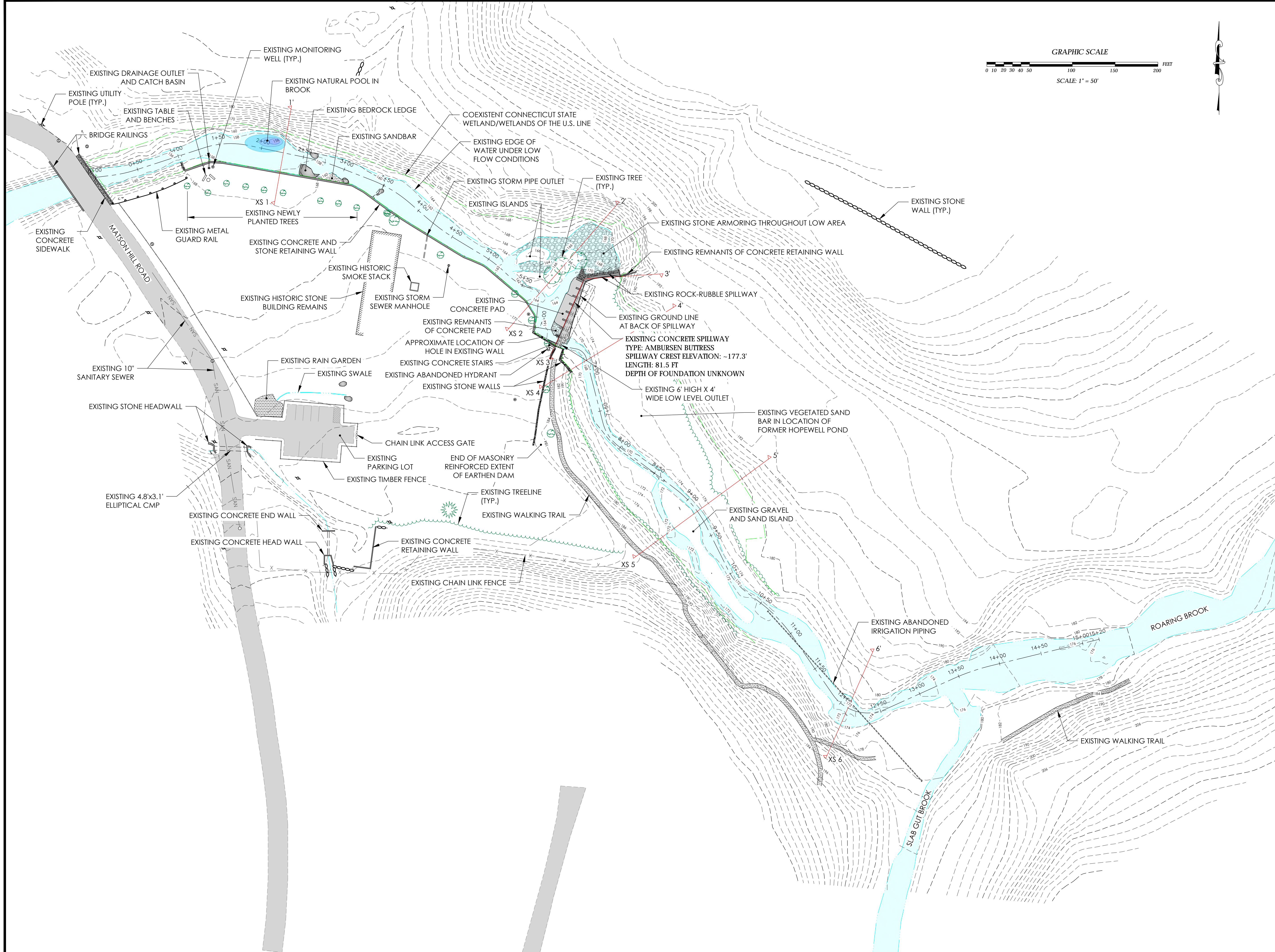
**PRINCETON HYDRO**   
**SCIENCE ENGINEERING DESIGN**  
1108 OLD YORK RD., SUITE 1  
RINGOES, NEW JERSEY 08551  
PHONE: 908.237.5660  
PRINCETONHYDRO.COM


PROJECT NAME/LOCATION:  
SLOCOMB POND DAM REMOVAL  
(CT DEEP ID #5425)  
TOWN OF GLASTONBURY  
HARTFORD COUNTY, CONNECTICUT

DRAWING NAME:  
TITLE SHEET

DATE:	04/01/2020
PROJECT NO.:	1036.042
SCALE:	AS SHOWN
DRAWN BY:	JD, ML
CHECKED BY:	LW, PW

SHEET NO.  
**1** OF **9**



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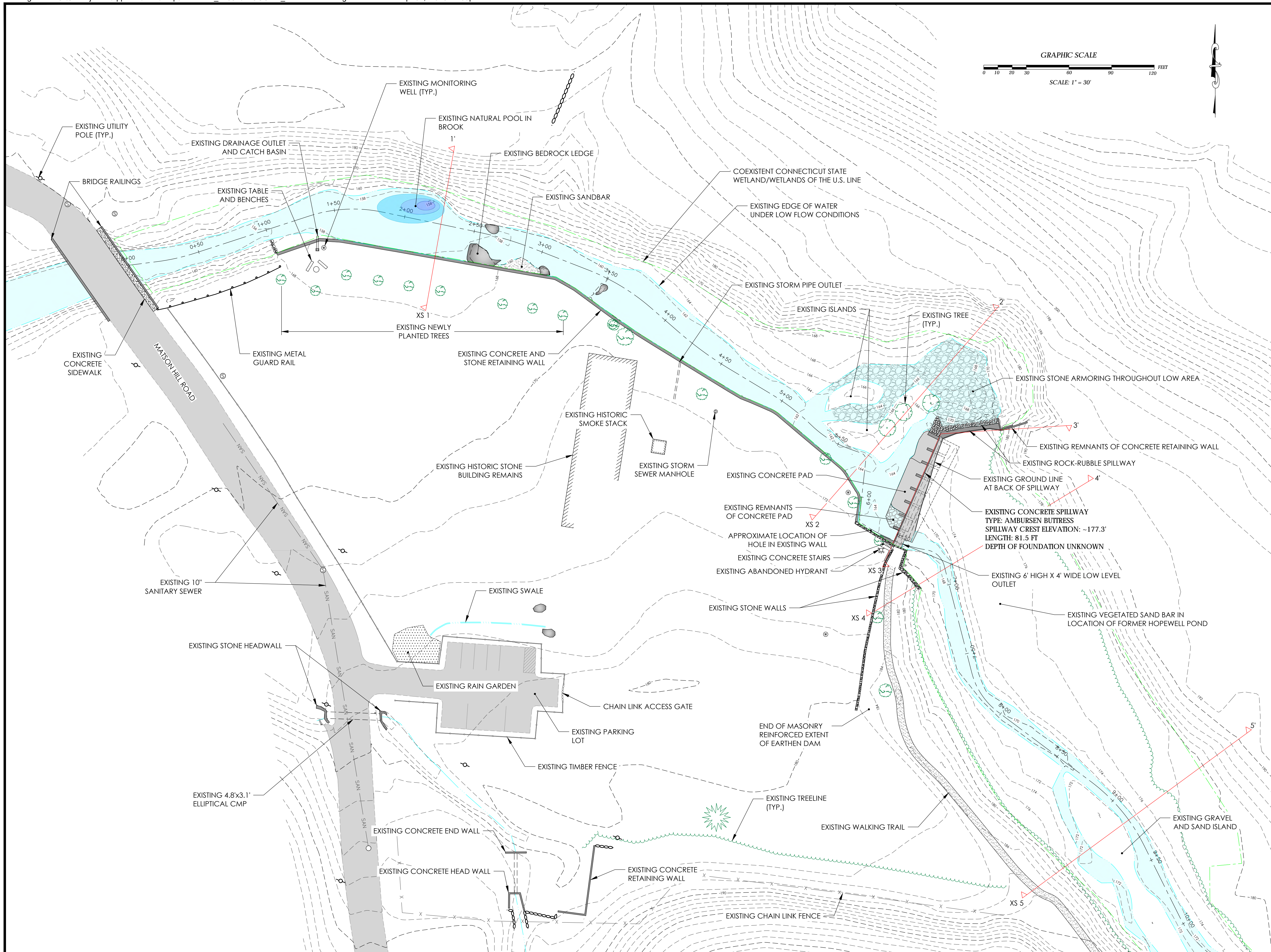
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DRAWING NAME:  
 OVERVIEW

DATE:	04/01/2020
PROJECT NO.:	1036.042
SCALE:	1" = 50'
DRAWN BY:	JD, ML
CHECKED BY:	LW, PW



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 No. 18596  
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**PRINCETON HYDRO**

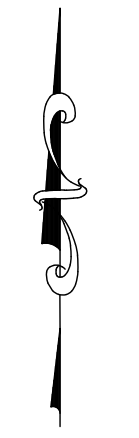
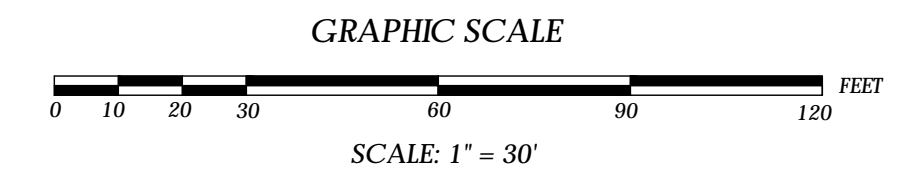
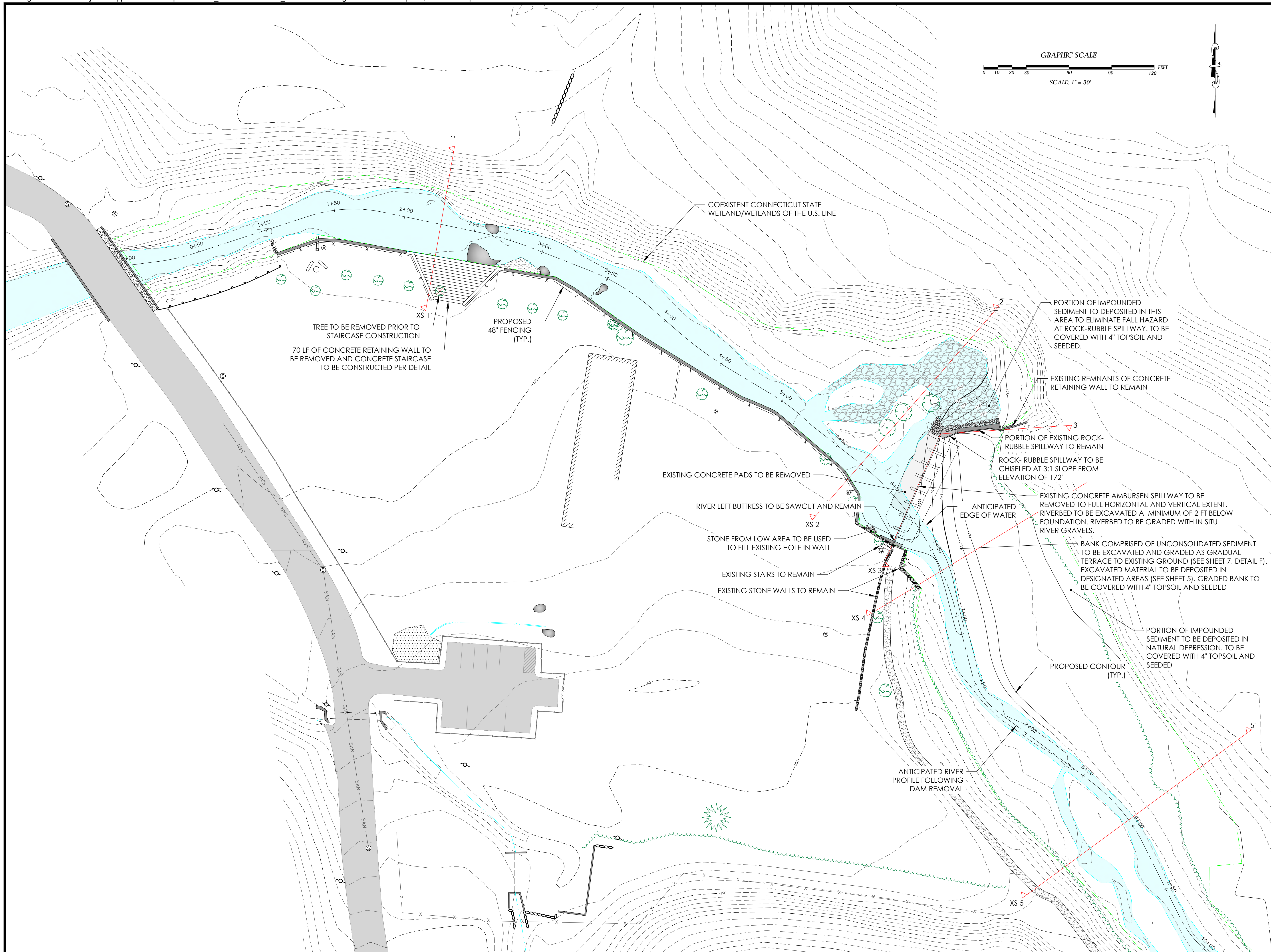
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DRAWING NAME:  
 EXISTING CONDITIONS

DATE:	04/01/2020
PROJECT NO.:	1036.042
SCALE:	1" = 30'
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SHEET NO.  
**3** OF **9**




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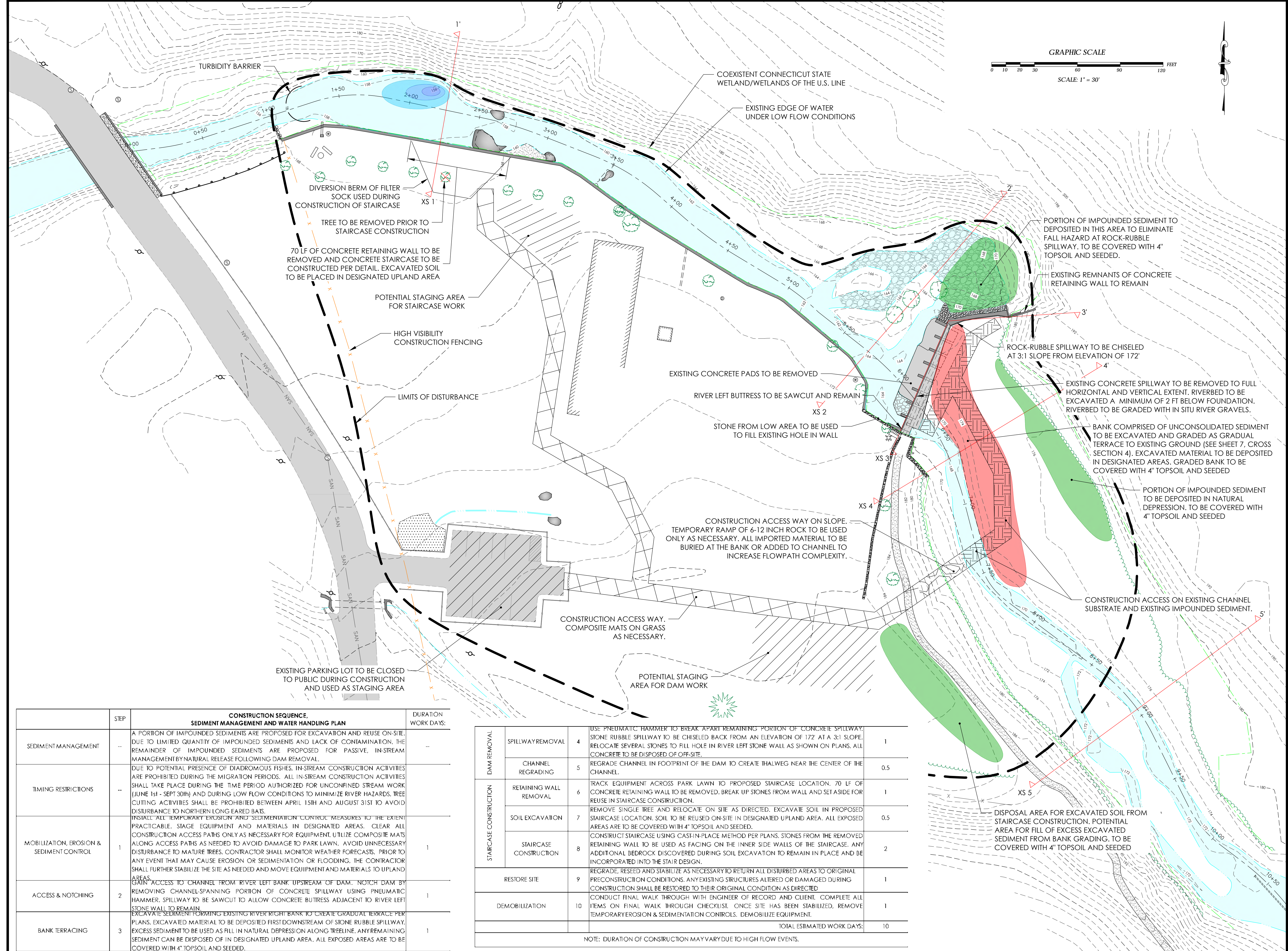
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DRAWING NAME:  
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**LAURA A.S. WILDMAN**  
 Professional Engineer  
 No. 15066  
 APRIL 2, 2020  
 DATE

**PRINCETON HYDRO** **ph**  
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DRAWING NAME:  
**CONSTRUCTION SEQUENCE AND EROSION & SEDIMENT CONTROL**

DATE:	04/01/2020
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SCALE:	1" = 30'
DRAWN BY:	JD, ML
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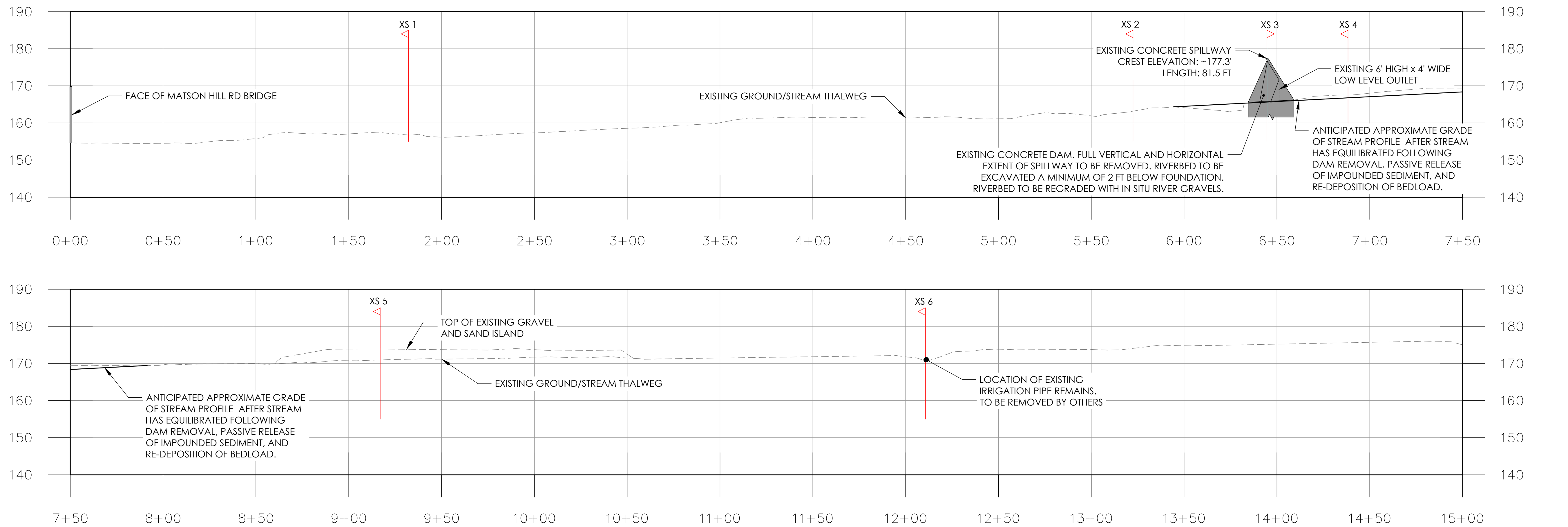
SHEET NO.  
**5** OF **9**

STEP	CONSTRUCTION SEQUENCE, SEDIMENT MANAGEMENT AND WATER HANDLING PLAN	DURATION WORK DAYS:
SEDIMENT MANAGEMENT	A PORTION OF IMPOUNDED SEDIMENTS ARE PROPOSED FOR EXCAVATION AND REUSE ON-SITE. DUE TO LIMITED QUANTITY OF IMPOUNDED SEDIMENTS AND LACK OF CONTAMINATION, THE REMAINDER OF IMPOUNDED SEDIMENTS ARE PROPOSED FOR PASSIVE, IN-STREAM MANAGEMENT BY NATURAL RELEASE FOLLOWING DAM REMOVAL.	1
TIMING RESTRICTIONS	DUE TO POTENTIAL PRESENCE OF DIADROMOUS FISHES, IN-STREAM CONSTRUCTION ACTIVITIES ARE PROHIBITED DURING THE MIGRATION PERIODS. ALL IN-STREAM CONSTRUCTION ACTIVITIES SHALL TAKE PLACE DURING THE TIME PERIOD AUTHORIZED FOR UNCONFINED STREAM WORK (JUNE 1st - SEPT 30th) AND DURING LOW FLOW CONDITIONS TO MINIMIZE RIVER HAZARDS. TREE CUTTING ACTIVITIES SHALL BE PROHIBITED BETWEEN APRIL 15th AND AUGUST 31st TO AVOID DISTURBANCE TO NORTHERN LONG-EARED BATS.	1
MOBILIZATION, EROSION & SEDIMENT CONTROL	INSTALL ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO THE EXTENT PRACTICABLE. STAGE EQUIPMENT AND MATERIALS IN DESIGNATED AREAS. CLEAR ALL CONSTRUCTION ACCESS PATHS ONLY AS NECESSARY FOR EQUIPMENT. UTILIZE COMPOSITE MATS ALONG ACCESS PATHS AS NEEDED TO AVOID DAMAGE TO PARK LAWN. AVOID UNNECESSARY DISTURBANCE TO MATURE TREES. CONTRACTOR SHALL MONITOR WEATHER FORECASTS. PRIOR TO ANY EVENT THAT MAY CAUSE EROSION OR SEDIMENTATION OR FLOODING, THE CONTRACTOR SHALL FURTHER STABILIZE THE SITE AS NEEDED AND MOVE EQUIPMENT AND MATERIALS TO UPLAND AREAS.	1
ACCESS & NOTCHING	GAIN ACCESS TO CHANNEL FROM RIVER LEFT BANK UPSTREAM OF DAM. NOTCH DAM BY REMOVING CHANNEL-SPANNING PORTION OF CONCRETE SPILLWAY USING PNEUMATIC HAMMER. SPILLWAY TO BE SAWCUT TO ALLOW CONCRETE BUTTRESS ADJACENT TO RIVER LEFT STONE WALL TO REMAIN.	1
BANK TERRACING	EXCAVATE SEDIMENT FORMING EXISTING RIVER RIGHT BANK TO CREATE GRADUAL TERRACE PER PLANS. EXCAVATED MATERIAL TO BE DEPOSITED FIRST DOWNSTREAM OF STONE RUBBLE SPILLWAY. EXCESS SEDIMENT TO BE USED AS FILL IN NATURAL DEPRESSION ALONG TREETLINE. ANY REMAINING SEDIMENT CAN BE DISPOSED OF IN DESIGNATED UPLAND AREA. ALL EXPOSED AREAS ARE TO BE COVERED WITH 4" TOPSOIL AND SEEDED.	1

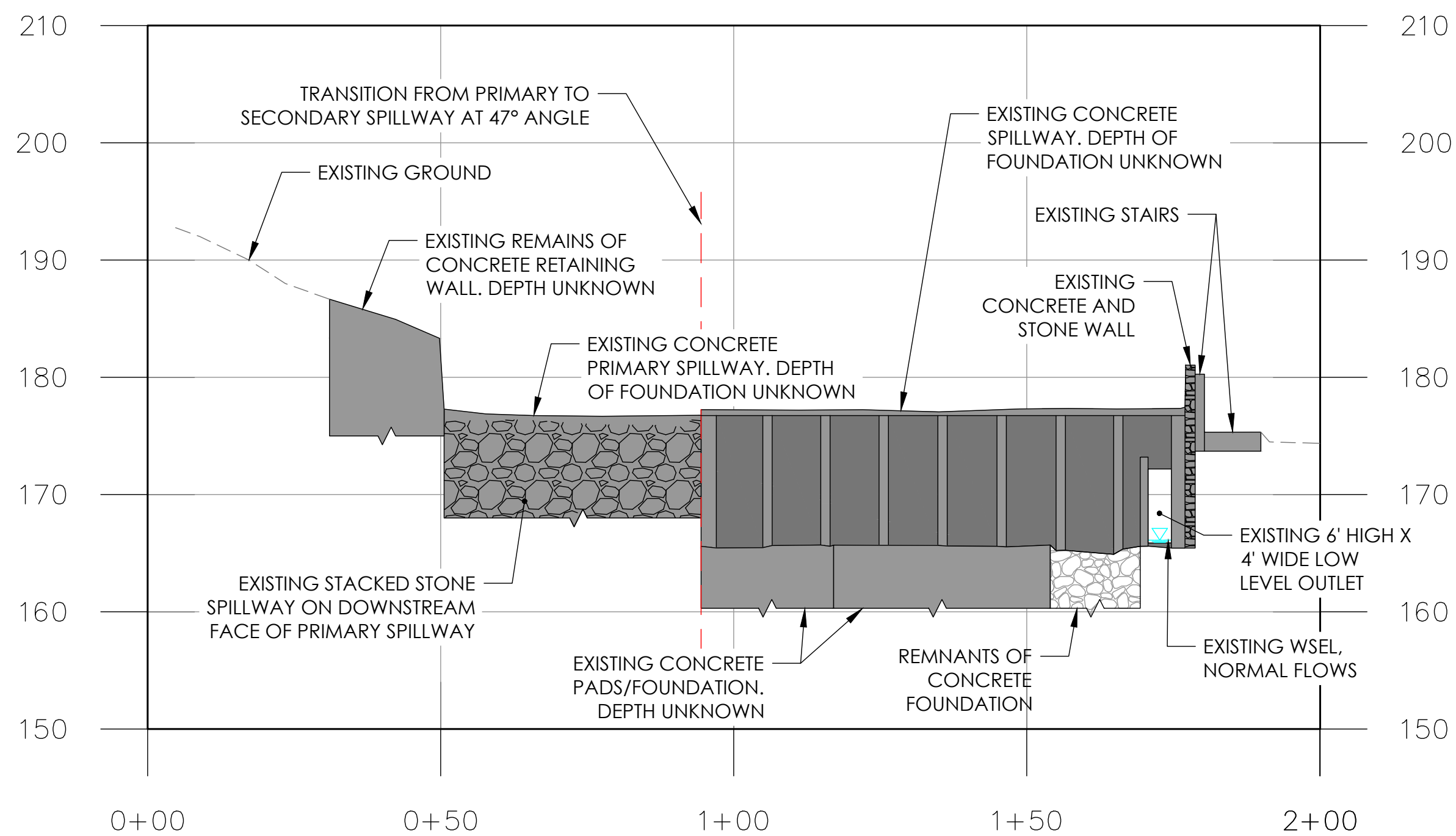
DAM REMOVAL	SPILLWAY REMOVAL	4	USE PNEUMATIC HAMMER TO BREAK APART REMAINING PORTION OF CONCRETE SPILLWAY. STONE RUBBLE SPILLWAY TO BE CHISELED BACK FROM AN ELEVATION OF 172' AT A 3:1 SLOPE. RELOCATE SEVERAL STONES TO FILL HOLE IN RIVER LEFT STONE WALL AS SHOWN ON PLANS. ALL CONCRETE TO BE DISPOSED OF OFF-SITE.	1
	CHANNEL REGRADING	5	REGRADE CHANNEL IN FOOTPRINT OF THE DAM TO CREATE THALWEG NEAR THE CENTER OF THE CHANNEL.	0.5
STAIRCASE CONSTRUCTION	RETAINING WALL REMOVAL	6	TRACK EQUIPMENT ACROSS PARK LAWN TO PROPOSED STAIRCASE LOCATION. 70 LF OF CONCRETE RETAINING WALL TO BE REMOVED. BREAK UP STONES FROM WALL AND SET ASIDE FOR REUSE IN STAIRCASE CONSTRUCTION.	1
	SOIL EXCAVATION	7	REMOVE SINGLE TREE AND RELOCATE ON SITE AS DIRECTED. EXCAVATE SOIL IN PROPOSED STAIRCASE LOCATION. SOIL TO BE REUSED ON-SITE IN DESIGNATED UPLAND AREA. ALL EXPOSED AREAS ARE TO BE COVERED WITH 4" TOPSOIL AND SEEDED.	0.5
	STAIRCASE CONSTRUCTION	8	CONSTRUCT STAIRCASE USING CASH-IN-PLACE METHOD PER PLANS. STONES FROM THE REMOVED RETAINING WALL TO BE USED AS FACING ON THE INNER SIDE WALLS OF THE STAIRCASE. ANY ADDITIONAL BEDROCK DISCOVERED DURING SOIL EXCAVATION TO REMAIN IN PLACE AND BE INCORPORATED INTO THE STAIR DESIGN.	2
RESTORE SITE		9	REGRADE, RESEED AND STABILIZE AS NECESSARY TO RETURN ALL DISTURBED AREAS TO ORIGINAL PRECONSTRUCTION CONDITIONS. ANY EXISTING STRUCTURES ALTERED OR DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AS DIRECTED.	1
DEMOBILIZATION		10	CONDUCT FINAL WALK THROUGH WITH ENGINEER OF RECORD AND CLIENT. COMPLETE ALL ITEMS ON FINAL WALK THROUGH CHECKLIST. ONCE SITE HAS BEEN STABILIZED, REMOVE TEMPORARY EROSION & SEDIMENTATION CONTROLS. DEMOBILIZE EQUIPMENT.	1
TOTAL ESTIMATED WORK DAYS:				10

NOTE: DURATION OF CONSTRUCTION MAY VARY DUE TO HIGH FLOW EVENTS.

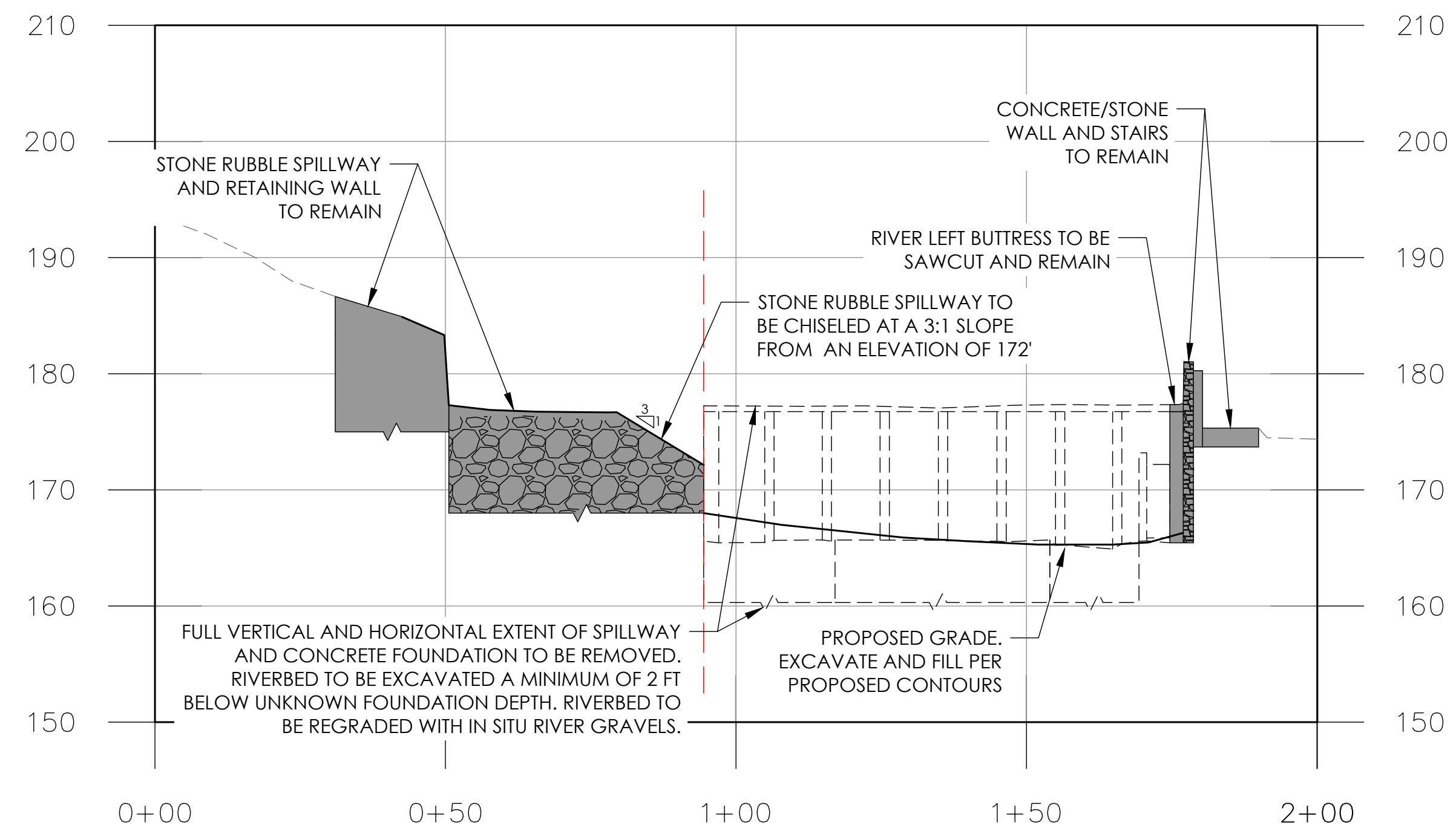
**A PROFILE VIEW**  
SCALE: H:1" = 30' , V:1" = 15'



**B EXISTING CROSS SECTION (FACING UPSTREAM)**  
CROSS SECTION 3-3'  
SCALE: H:1" = 20' , V:1" = 10'



**C PROPOSED CROSS SECTION (FACING UPSTREAM)**  
CROSS SECTION 3-3'  
SCALE: H:1" = 20' , V:1" = 10'



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Professional Engineer  
No. 1818596  
APRIL 2, 2020  
DATE

**PRINCETON HYDRO**

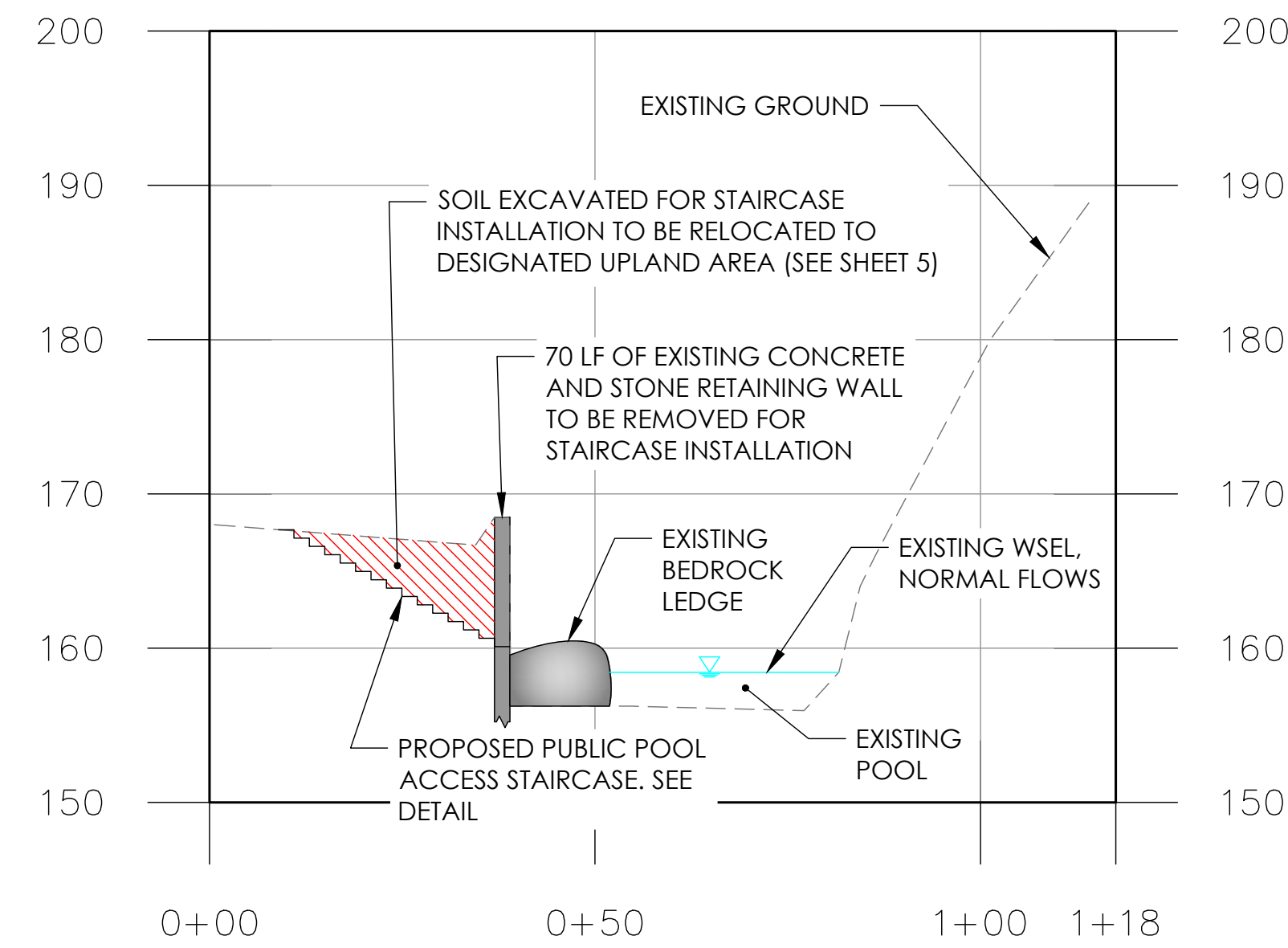
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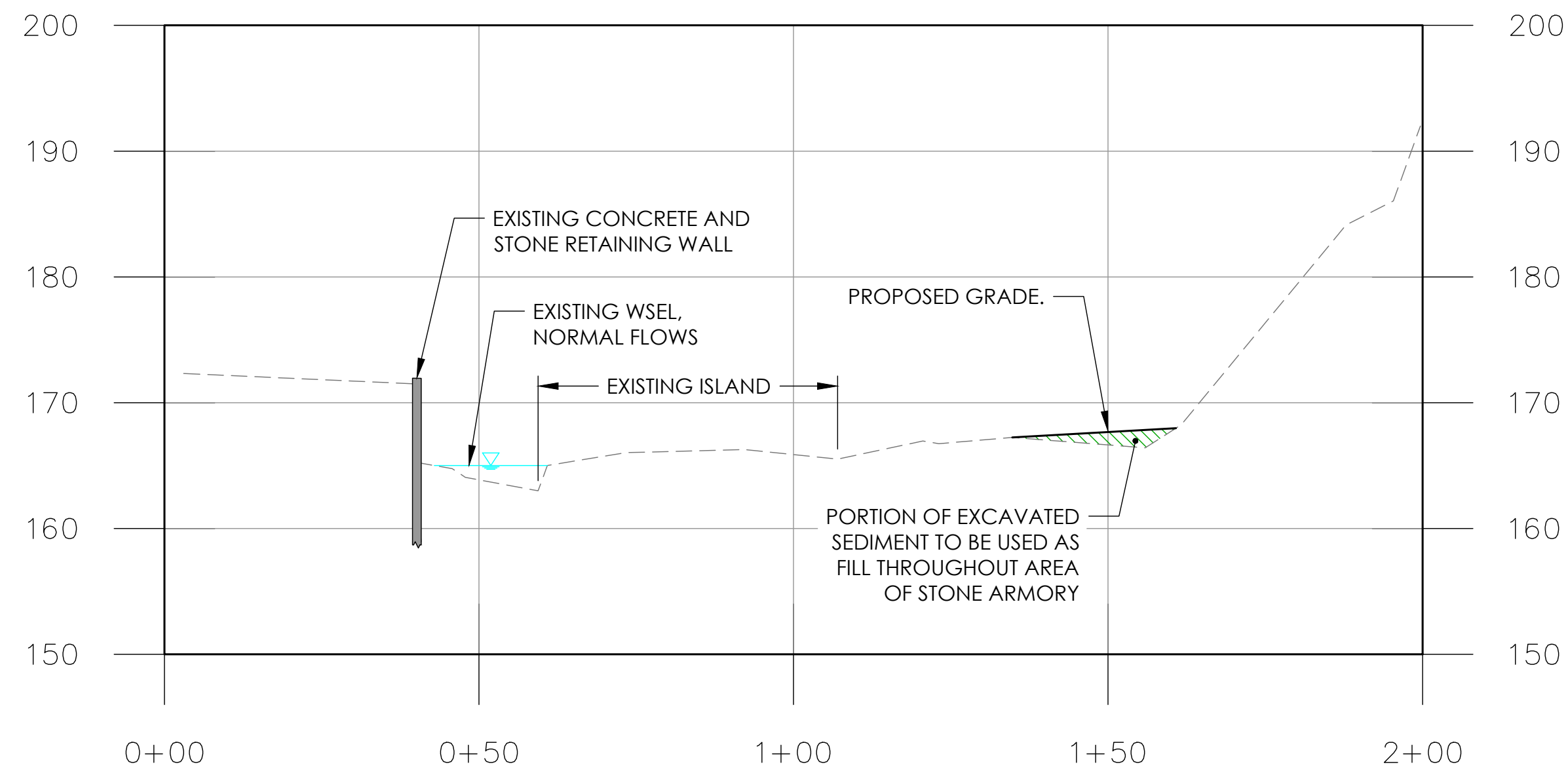
DRAWING NAME:  
**PROFILE AND DAM  
CROSS SECTIONS**

DATE:	04/01/2020
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DRAWN BY:	JD, ML
CHECKED BY:	LW, PW

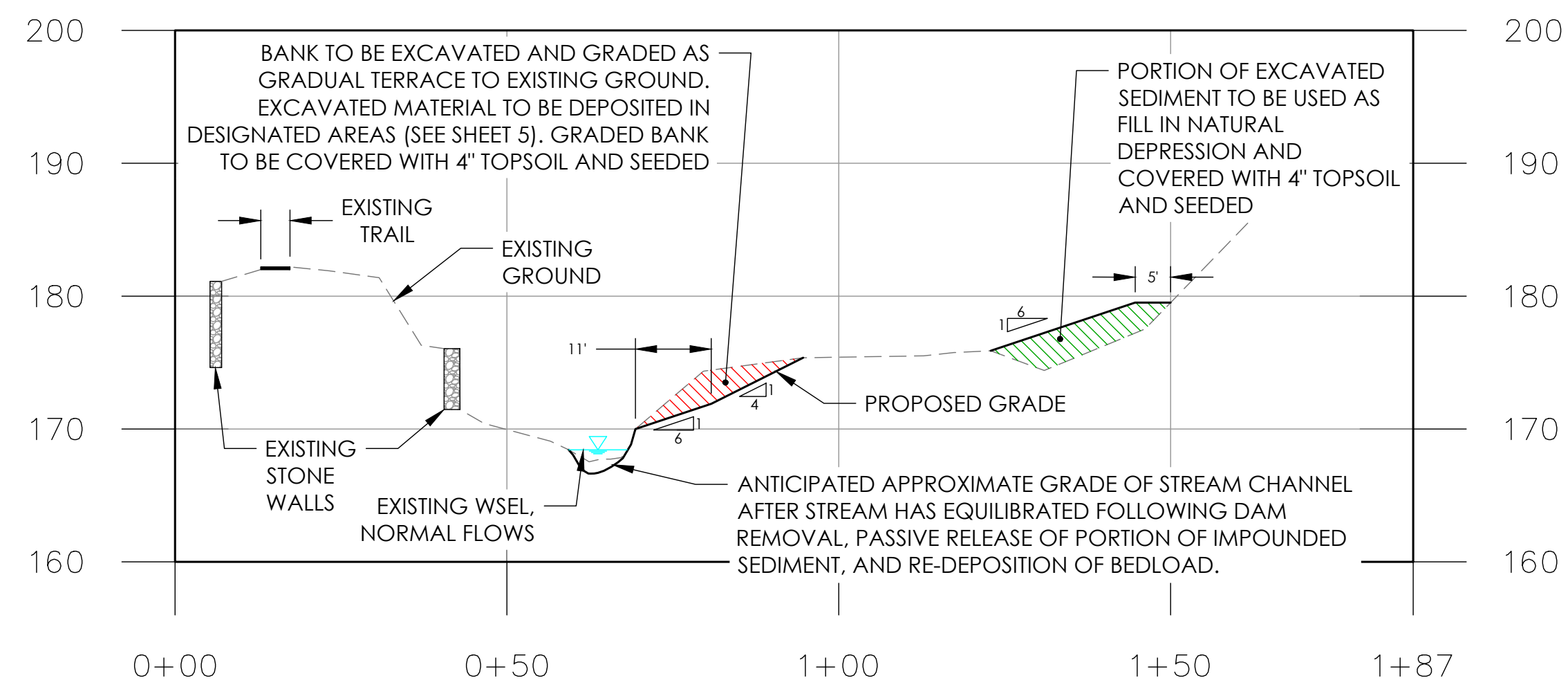
**D** CROSS SECTION 1-1'



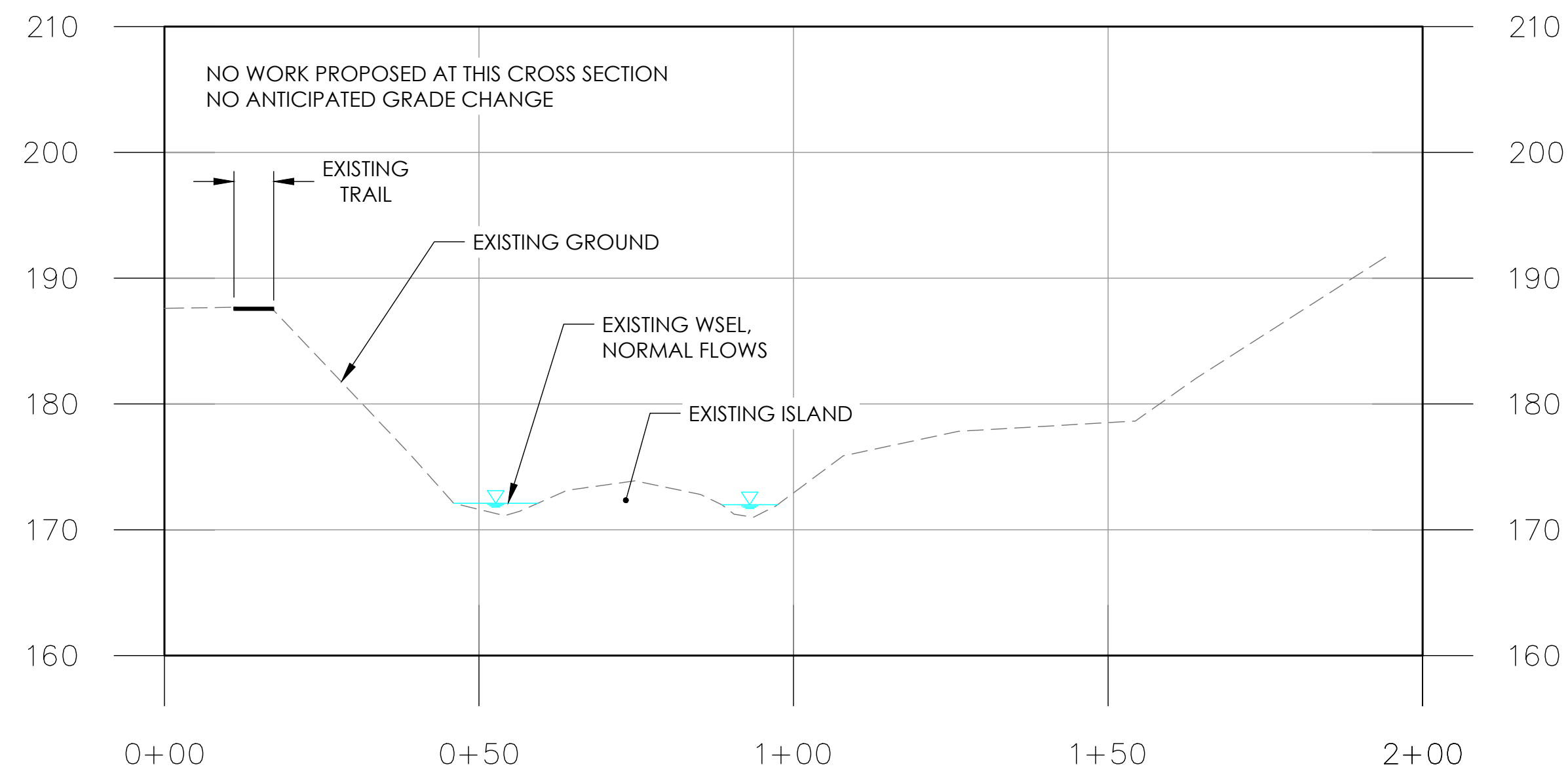
**E** CROSS SECTION 2-2'



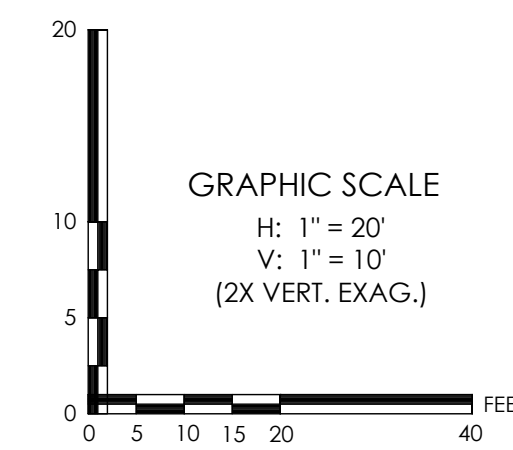
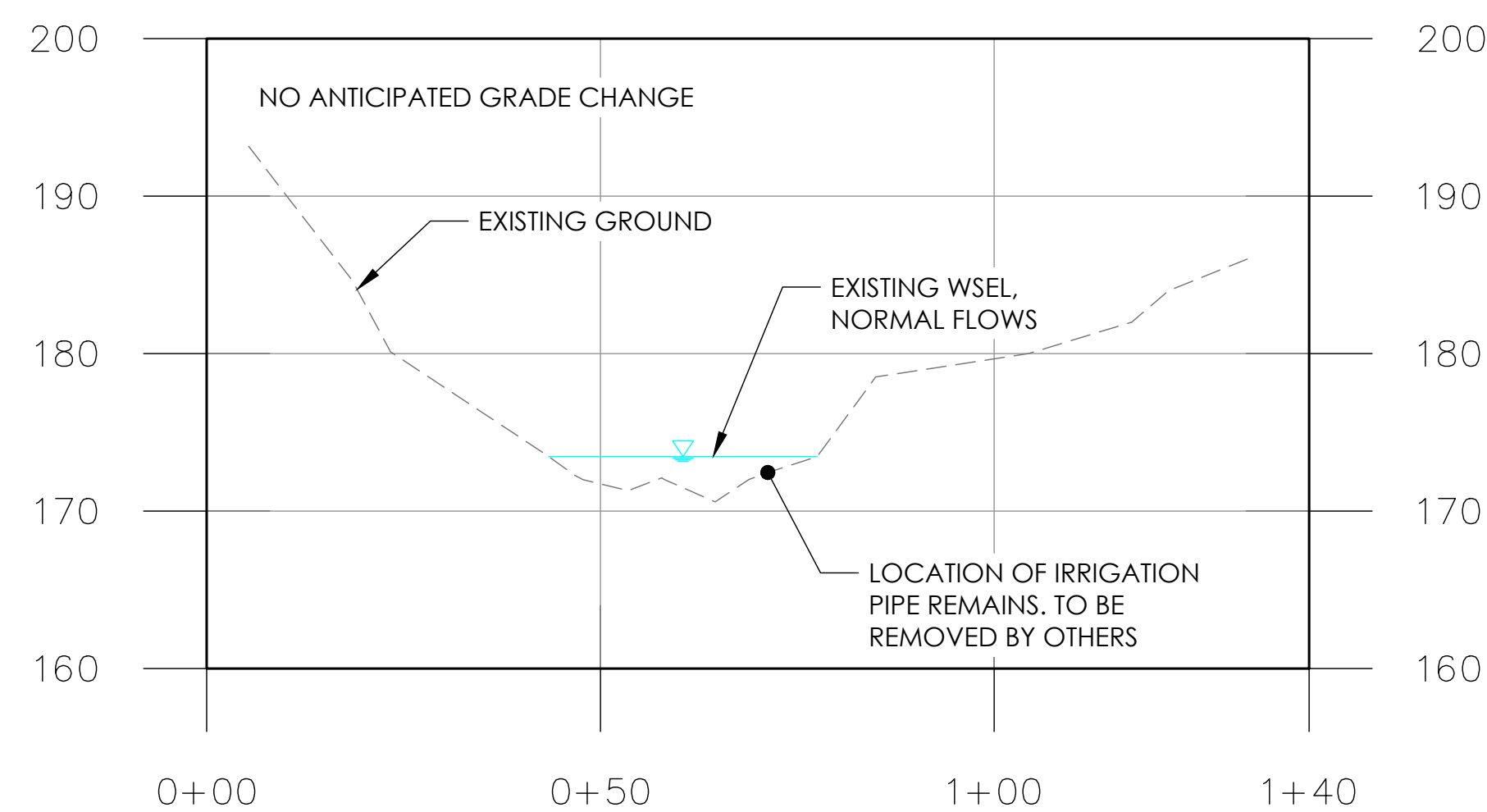
**F** CROSS SECTION 4-4'



**H** CROSS SECTION 6-6'



**G** CROSS SECTION 5-5'



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Professional Engineer  
No. 18188-596  
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DATE

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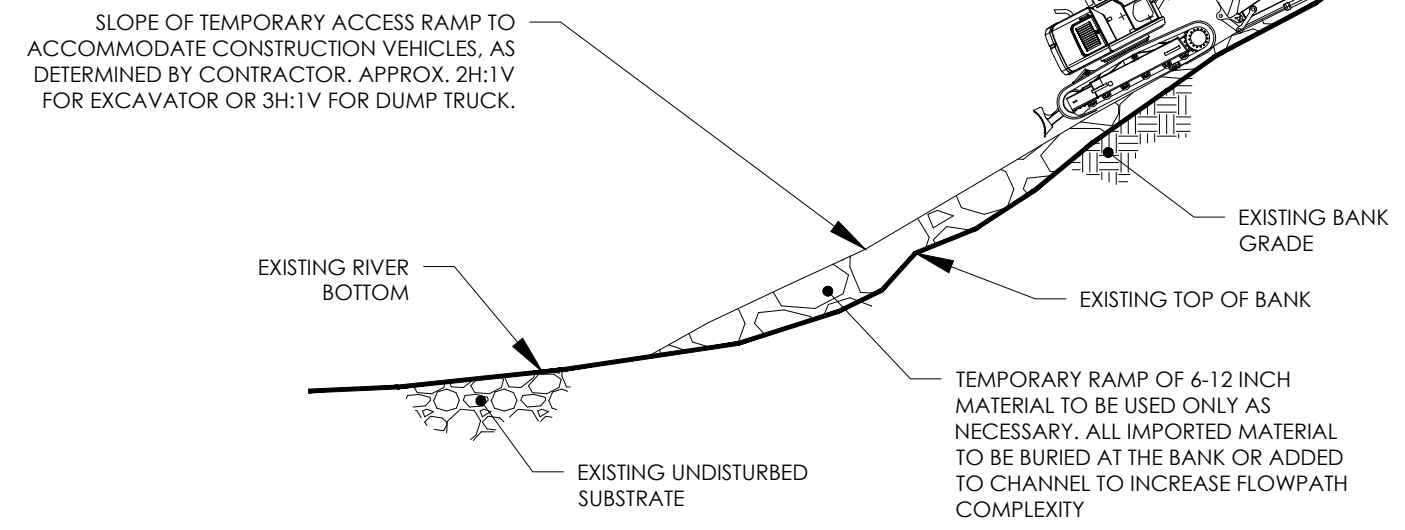
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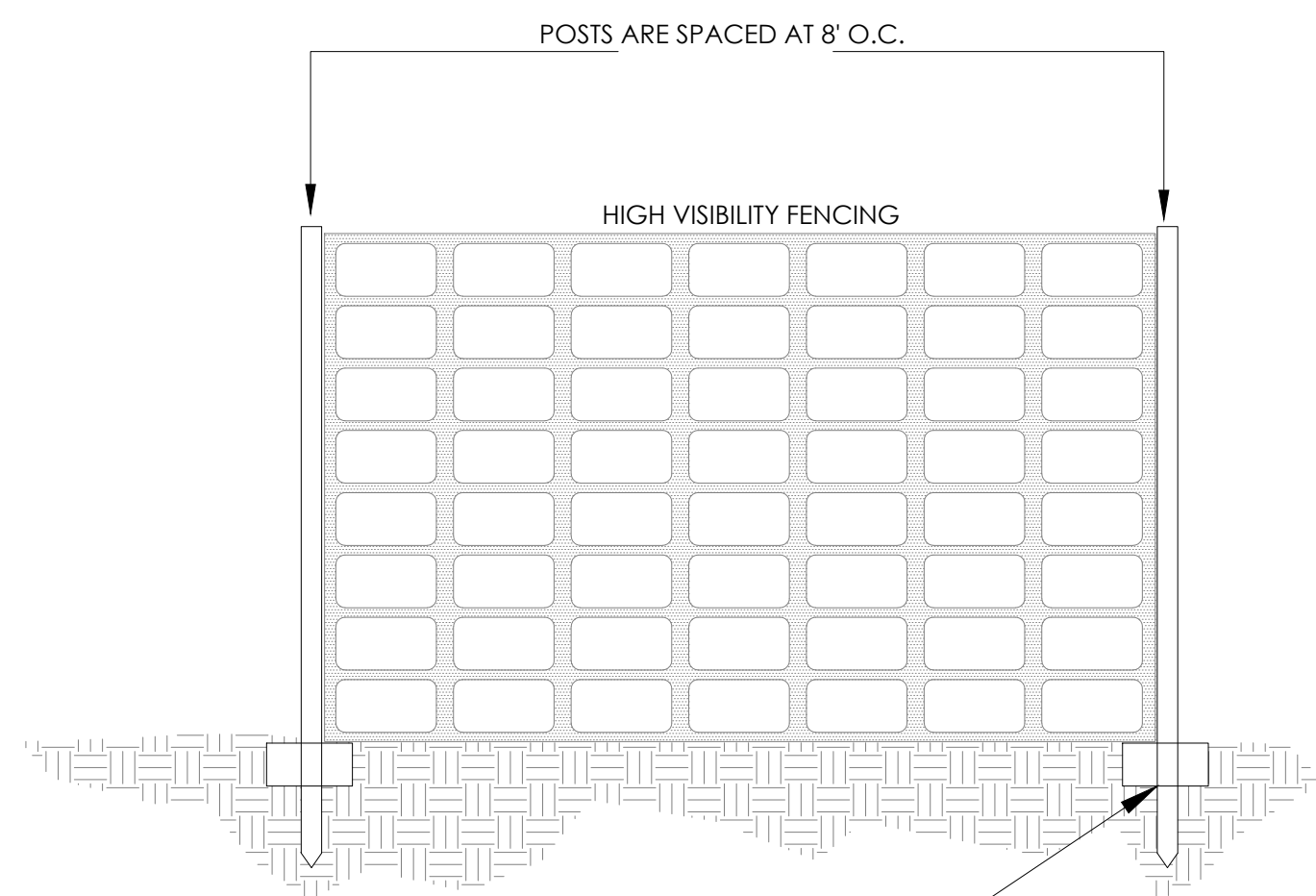
SHEET NO.



**A** QR CODE TO PHOTOGRAPH LOG  
SCAN WITH COMPUTER OR SMARTPHONE

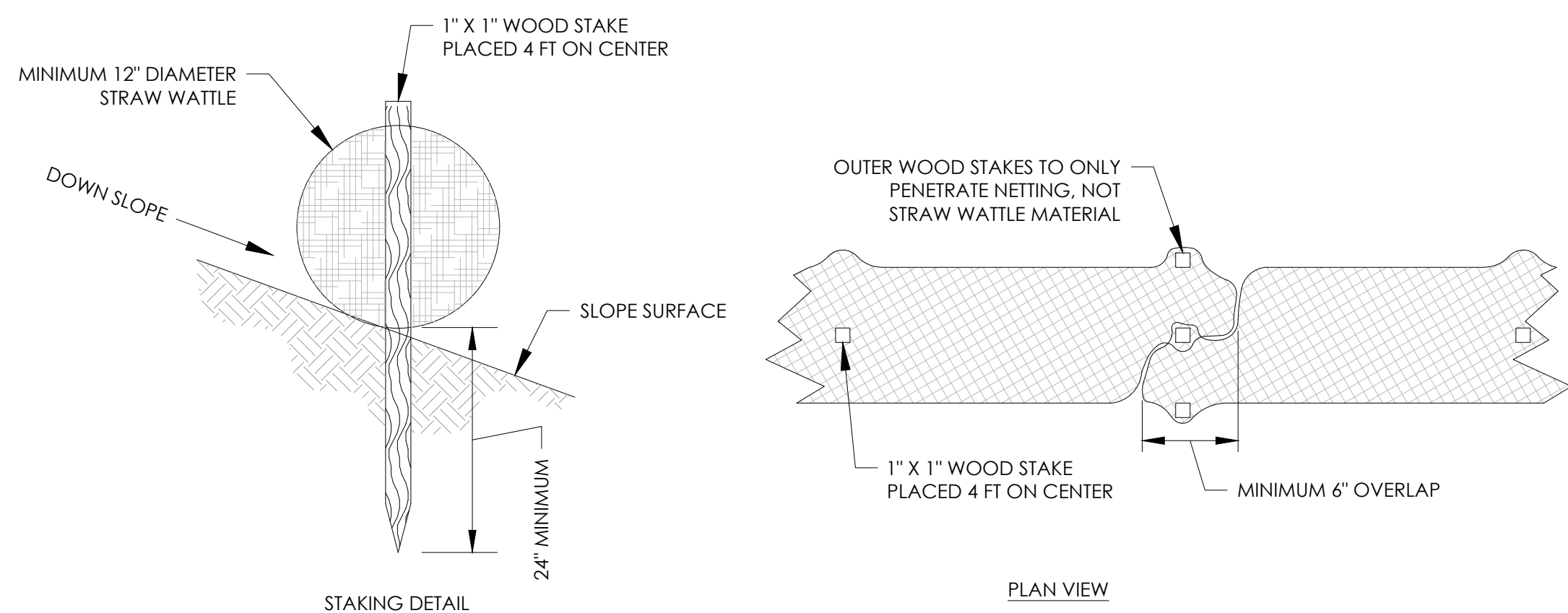


**D** ROCK ACCESS RAMP  
NOT TO SCALE  
AS NECESSARY



- NOTE:
1. FENCE SHALL BE CONSTRUCTED OF UV STABILIZED HIGH VISIBILITY ORANGE POLYETHYLENE SAFETY FENCE.
  2. THE FENCE SHALL BE A MINIMUM OF 4 FEET HIGH AND STAKED AT 8 FOOT ON CENTER.
  3. THE FENCE SHALL BE ATTACHED TO EACH STAKE WITH A MINIMUM OF THREE (3) ZIP TIES OR APPROVED EQUAL.
  4. STAKES SHOULD BE DRIVE 6 TO 12 INCHES BELOW GRADE.

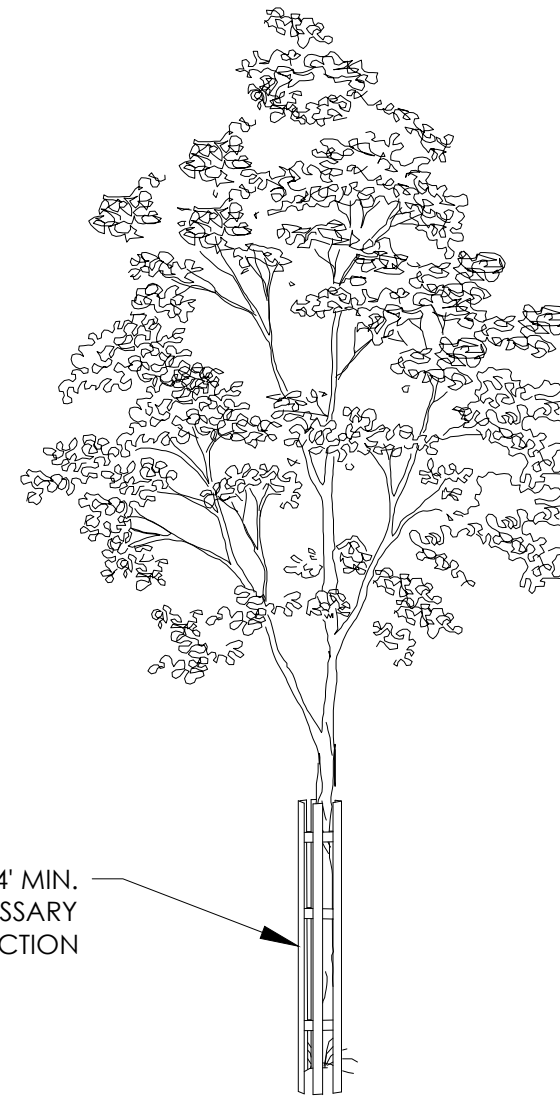
**C** HIGH VISIBILITY FENCE  
NOT TO SCALE



**E** STRAW WATTLE DETAIL  
NOT TO SCALE



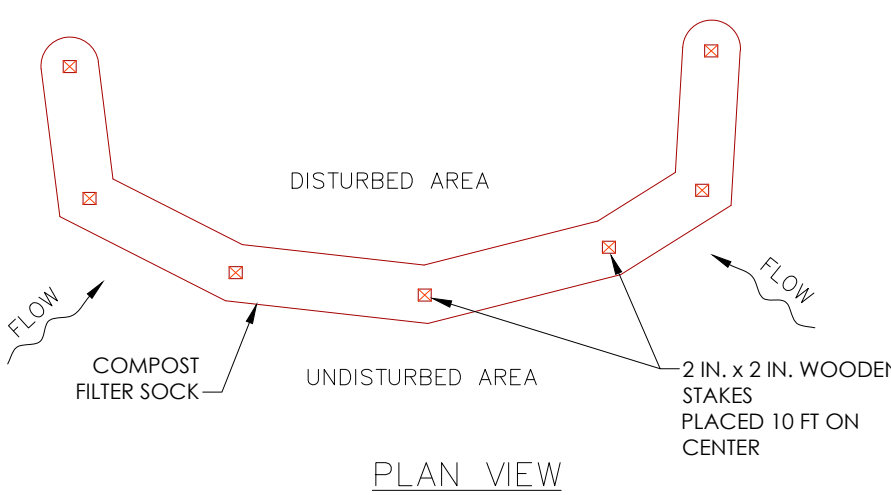
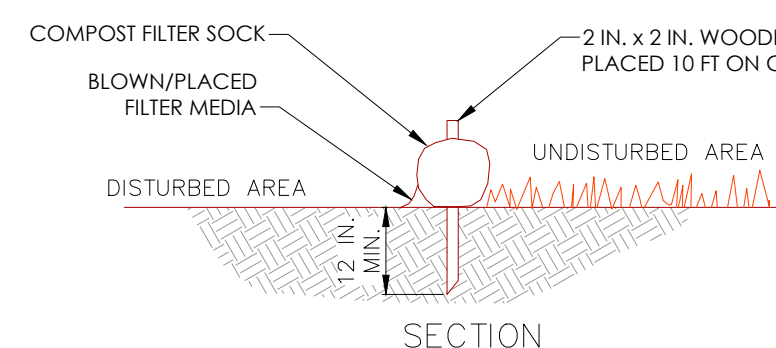
**B** ORTHOGONAL VIEW OF AMBURSEN SPILLWAY  
PHOTOGRAPH



**I** TREE TRUNK PROTECTION DETAIL  
NOT TO SCALE

NOTES:

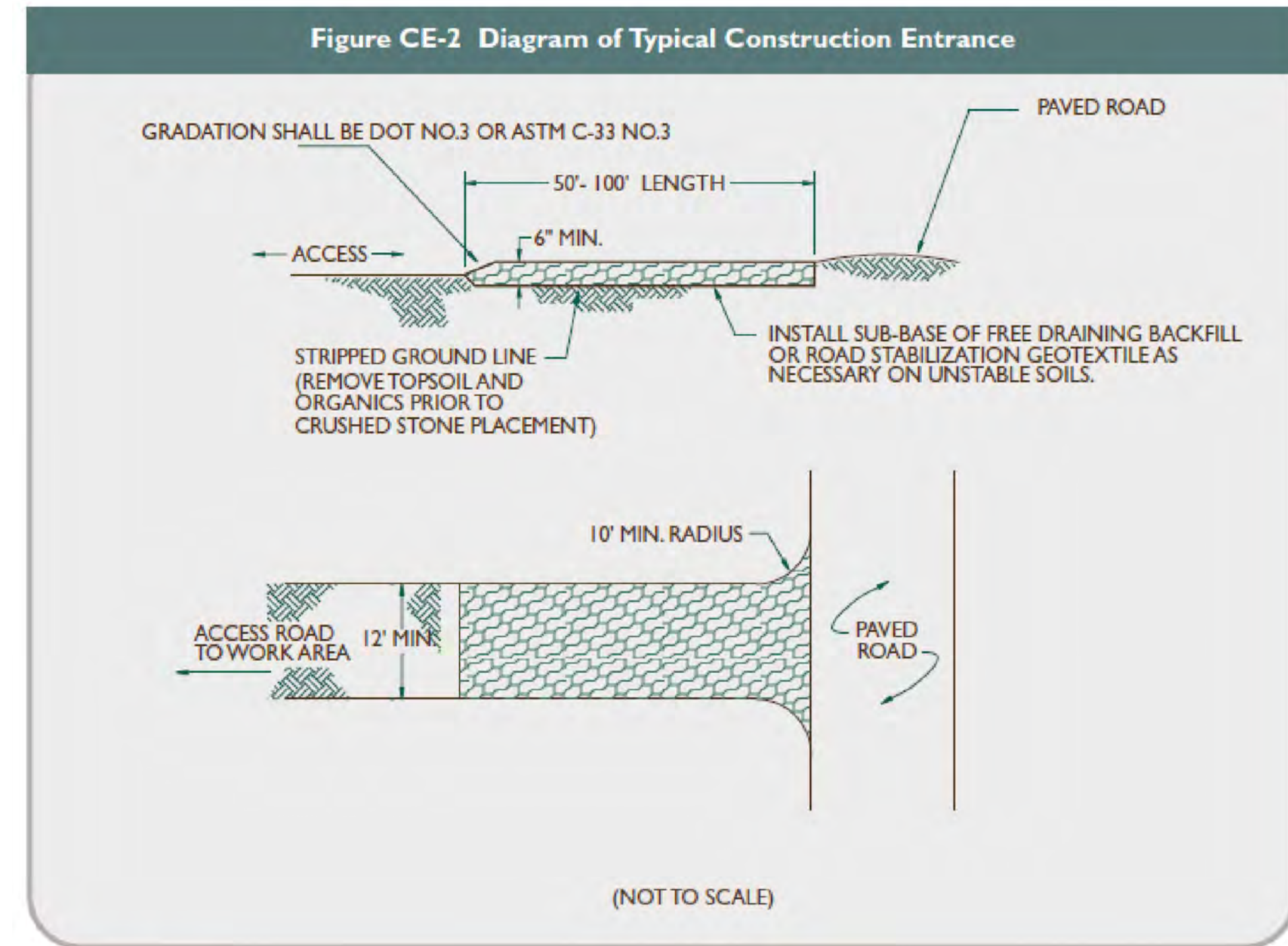
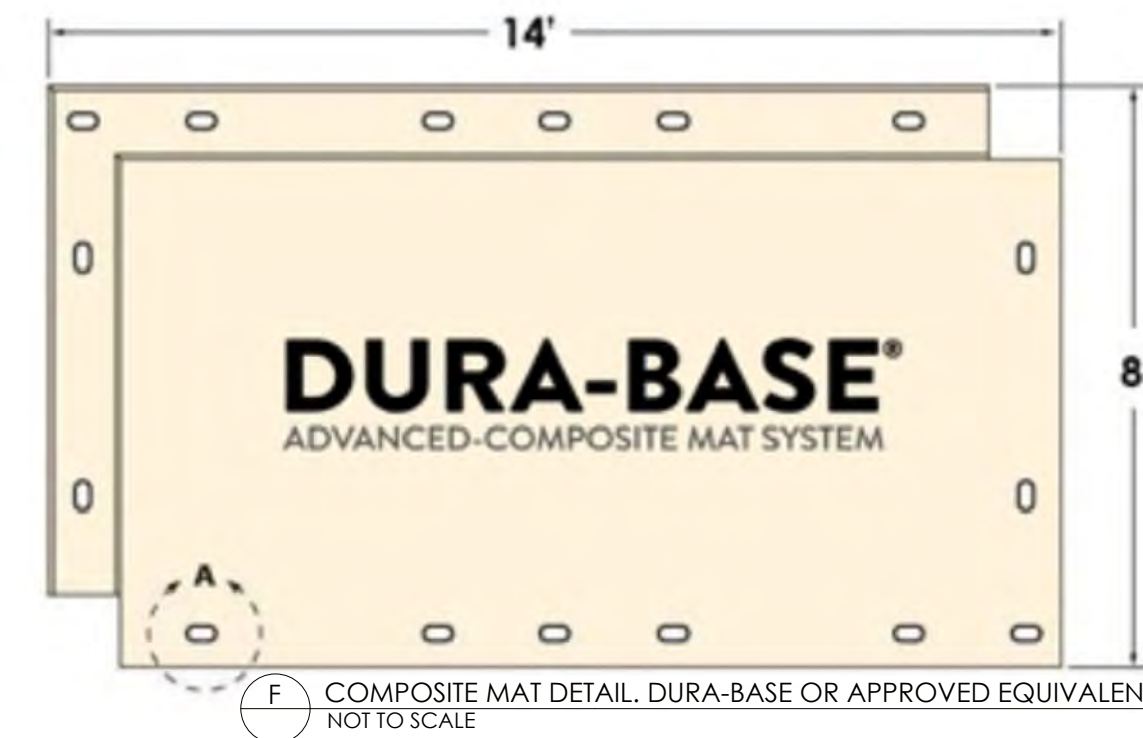
1. TO PREVENT GENERAL MECHANICAL DAMAGE TO TREES INSTALL TREE TRUNK PROTECTION AS INDICATED IN DETAIL.
2. BOX TREES WITHIN 25 FEET OF BUILDINGS SITE TO PREVENT MECHANICAL INJURY. FENCING OR OTHER BARRIER SHOULD BE INSTALLED AT THE DRIP LINE OF THE TREE BRANCHES OR BEYOND. TREE ROOT SYSTEMS COMMONLY EXTEND WELL BEYOND THE DRIP LINE.
3. BOARDS WILL NOT BE NAILED TO TREES DURING CONSTRUCTION.
4. FEEDER ROOTS SHOULD NOT BE CUT IN AN AREA INSIDE THE DRIP LINE OF THE TREE BRANCHES
5. DAMAGED TRUNKS OR EXPOSED ROOTS SHOULD HAVE DAMAGED BARK REMOVED IMMEDIATELY AND NO PAINT SHALL BE APPLIED. EXPOSED ROOTS SHOULD BE COVERED WITH TOPSOIL IMMEDIATELY AFTER EXCAVATION IS COMPLETE. ROOTS SHALL BE PRUNED TO GIVE A CLEAN, SHARP SURFACE AMENABLE TO HEALING. ROOTS EXPOSED DURING HOT WEATHER SHOULD BE IRRIGATED TO PREVENT PERMANENT TREE INJURY. CARE FOR SERIOUS INJURY SHOULD BE PRESCRIBED BY A PROFESSIONAL FORESTER OR CERTIFIED TREE EXPERT.



NOTES:

- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
- TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
- COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

**J** COMPOST FILTER SOCK  
NOT TO SCALE



Source: USDA-NRCS

**G** CONSTRUCTION ENTRANCE  
NOT TO SCALE  
AS NECESSARY



Date: December 03, 2019

**Ernst Conservation Seeds**  
8884 Mercer Pike  
Meadville, PA 16335  
(800) 873-3321 Fax (814) 336-5191  
[www.ernstseed.com](http://www.ernstseed.com)

**Floodplain Mix - ERNMX-154**

Botanical Name	Common Name	Price/lb
23.00 % <i>Carex vulpinoidea</i> , PA Ecotype	Fox Sedge, PA Ecotype	26.40
21.50 % <i>Panicum clandestinum</i> , Tioga	Deertongue, Tioga	18.91
20.00 % <i>Elymus virginicus</i> , PA Ecotype	Virginia Wildrye, PA Ecotype	6.32
10.00 % <i>Andropogon gerardii</i> , "Niagara"	Big Bluestem, "Niagara"	11.96
9.20 % <i>Carex ligularis</i> , PA Ecotype	Hop Sedge, PA Ecotype	79.20
4.30 % <i>Carex scoparia</i> , PA Ecotype	Blunt Broom Sedge, PA Ecotype	79.20
3.00 % <i>Juncus effusus</i>	Soft Rush	44.00
3.00 % <i>Verbena hastata</i> , PA Ecotype	Blue Vervain, PA Ecotype	35.20
2.00 % <i>Helicopsis helianthoides</i> , PA Ecotype	Oxeye Sunflower, PA Ecotype	39.60
1.00 % <i>Asclepias incarnata</i> , PA Ecotype	Swamp Milkweed, PA Ecotype	176.00
1.00 % <i>Citrus aurantiaca</i> , PA Ecotype	Wood Redgrass, PA Ecotype	132.00
0.60 % <i>Eupatorium perfoliatum</i> , PA Ecotype	Boneset, PA Ecotype	330.00
0.40 % <i>Aster lateriflorus</i>	Calico Aster	396.00
0.40 % <i>Aster umbellatus</i> , PA Ecotype	Flat Topped White Aster, PA Ecotype	396.00
0.30 % <i>Alisma subcordatum</i> , PA Ecotype	Mud Plantain, PA Ecotype	176.00
0.30 % <i>Helianthus autumnale</i> , PA Ecotype	Common Sneezeweed, PA Ecotype	158.00
0.30 % <i>Monarda fistulosa</i> , Fort Indiantown Gap-PA Ecotype	Wild Bergamot, Fort Indiantown Gap-PA Ecotype	132.00
0.30 % <i>Scirpus cyperinus</i> , PA Ecotype	Woolgrass, PA Ecotype	198.00
0.20 % <i>Pentstemon sedoides</i> , PA Ecotype	Ditch Stonecrop, PA Ecotype	264.00
0.10 % <i>Carex stricta</i> , PA Ecotype	Tussock Sedge, PA Ecotype	528.00
0.10 % <i>Lobelia siphilitica</i> , PA Ecotype	Great Blue Lobelia, PA Ecotype	440.00

**100.00 %** **Mix Price/lb Bulk: \$37.50**

**Seeding Rate:** 20 lb per acre with a cover crop of grain rye at 30 lb per acre

Riparian Sites

The diverse annual and perennial grasses and forbs are attractive to humans and animals. Designed for economical wildlife food and habitat in newly established wetlands where wildlife food value is needed. The wildryes establish quickly and tolerate low fertility in wet or dry soils. Seed from October-May in full sun or partial shade. Mix formulations are subject to change without notice depending on the availability of existing and new products. While the formula may change, the guiding philosophy and function of the mix will not.

**H** SUGGESTED NATIVE SEED MIX  
NOT TO SCALE  
AS NECESSARY

**CALL BEFORE YOU DIG!**  
CONNECTICUT LAW REQUIRES  
2 FULL WORKING DAYS NOTICE  
PRIOR TO CONSTRUCTION - STOP CALL  
CALL BEFORE YOU DIG, INC.  
REFERENCE CONNECTICUT SECTION 1:  
SECTION 16-345-1 THROUGH 16-345-7  
 1-800-922-4455

PROJECT NOTES

1. HORIZONTAL DATUM IS CONNECTICUT STATE PLANE NAD83, FEET. VERTICAL DATUM BASED ON NAVD88, FEET.
2. SURVEY OBTAINED FROM "IMPROVEMENT LOCATION PLAN DEPICTING LAND OF TOWN OF GLASTONBURY "SLOCOMB OPEN SPACE PARK" DATED AUGUST 2019 PROVIDED BY TOWN OF GLASTONBURY.
3. WETLAND DELINEATION COMPLETED BY MARTIN BROGIE, INC. ON AUGUST 20, 2019.
4. ALL DRAWING SCALES ACCURATE WHEN PRINTED ON 24" BY 36" PAPER.

DATE	DESCRIPTION
	REVISIONS

STATE OF CONNECTICUT CERTIFICATE OF REGISTRATION NO.: 0001188

**LAURA A.S. WILDMAN**  
Professional Engineer  
No. 188596  
APRIL 2, 2020  
DATE

**PRINCETON HYDRO**

SCIENCE ENGINEERING DESIGN  
1108 OLD YORK RD, SUITE 1  
RINGOES, NEW JERSEY 08551  
PHONE: 908.237.5660  
PRINCETONHYDRO.COM

PROJECT NAME/LOCATION:  
SLOCOMB POND DAM REMOVAL  
(CT DEEP ID #5425)  
TOWN OF GLASTONBURY  
HARTFORD COUNTY, CONNECTICUT

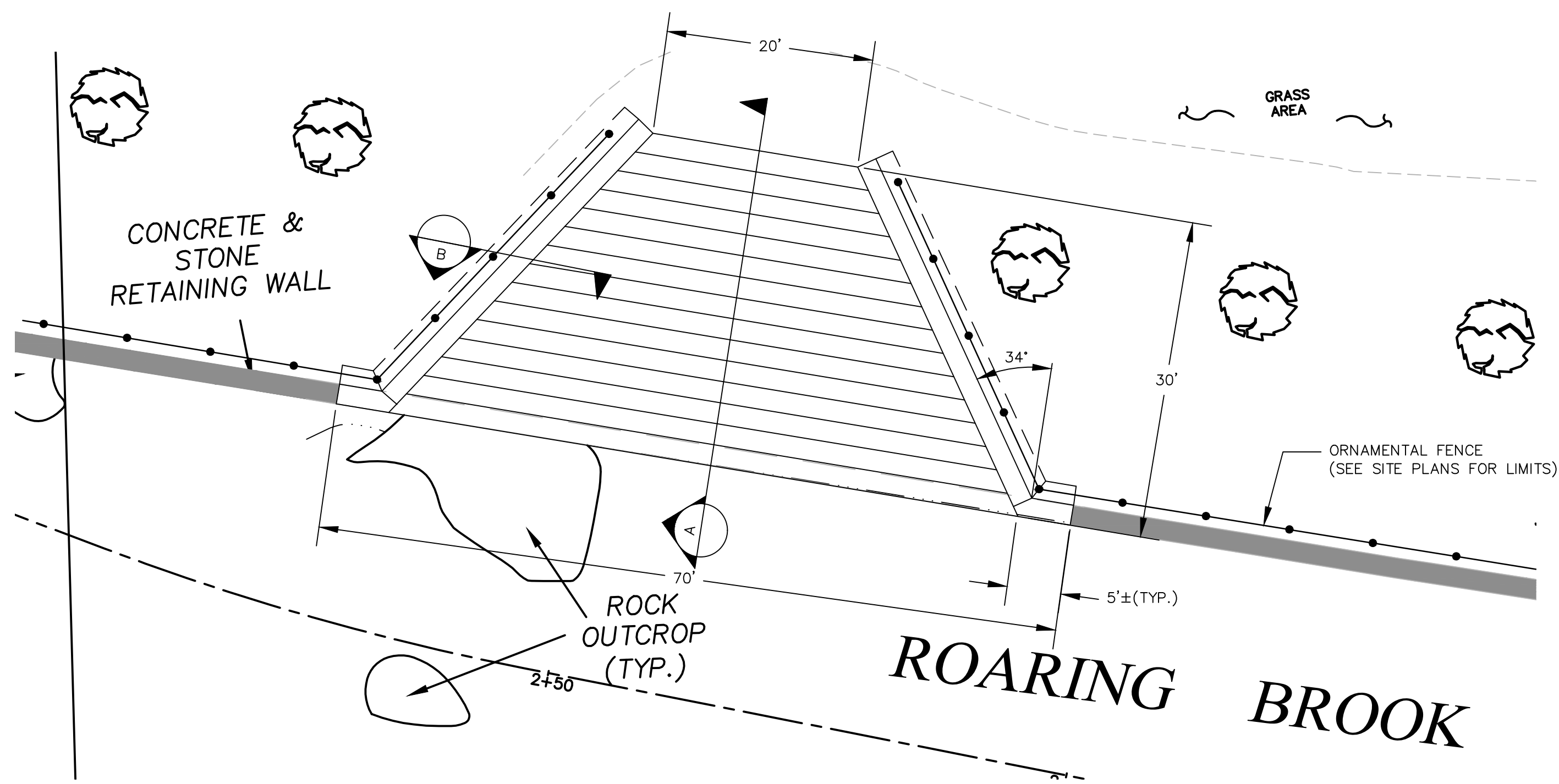
DRAWING NAME:  
EROSION & SEDIMENT CONTROL  
DETAILS

DATE:	04/01/2020
PROJECT NO.:	1036.042
SCALE:	AS SHOWN
DRAWN BY:	JD, ML
CHECKED BY:	LW, PW

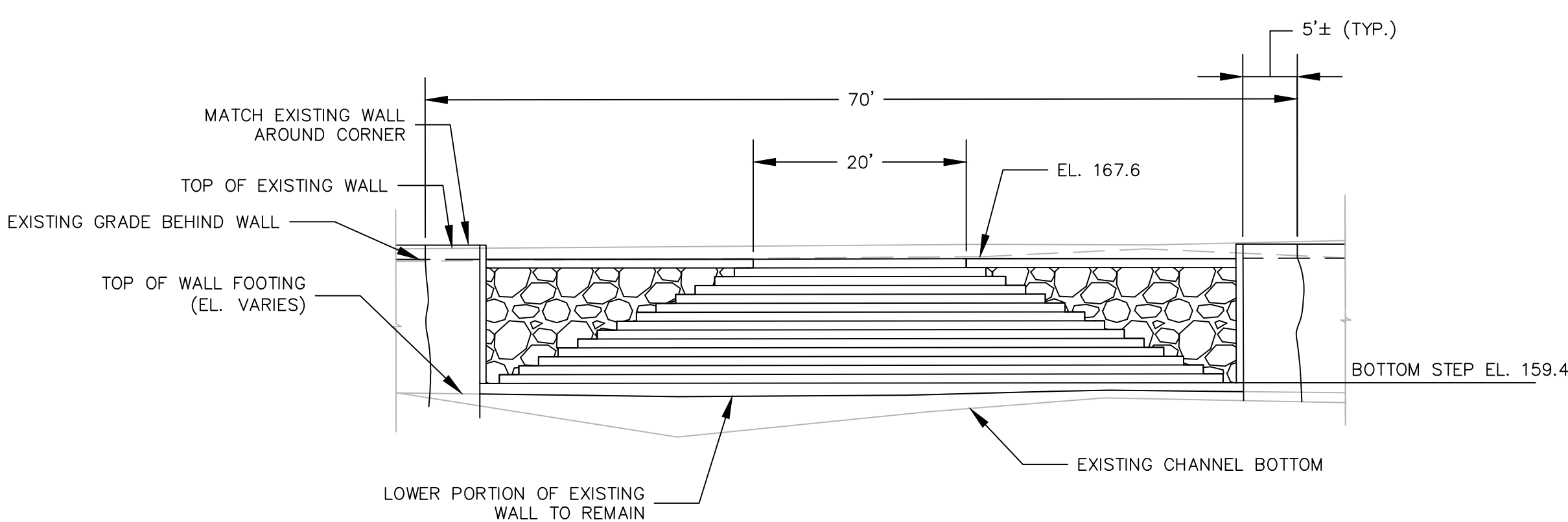
SHEET NO.  
**8** OF **9**



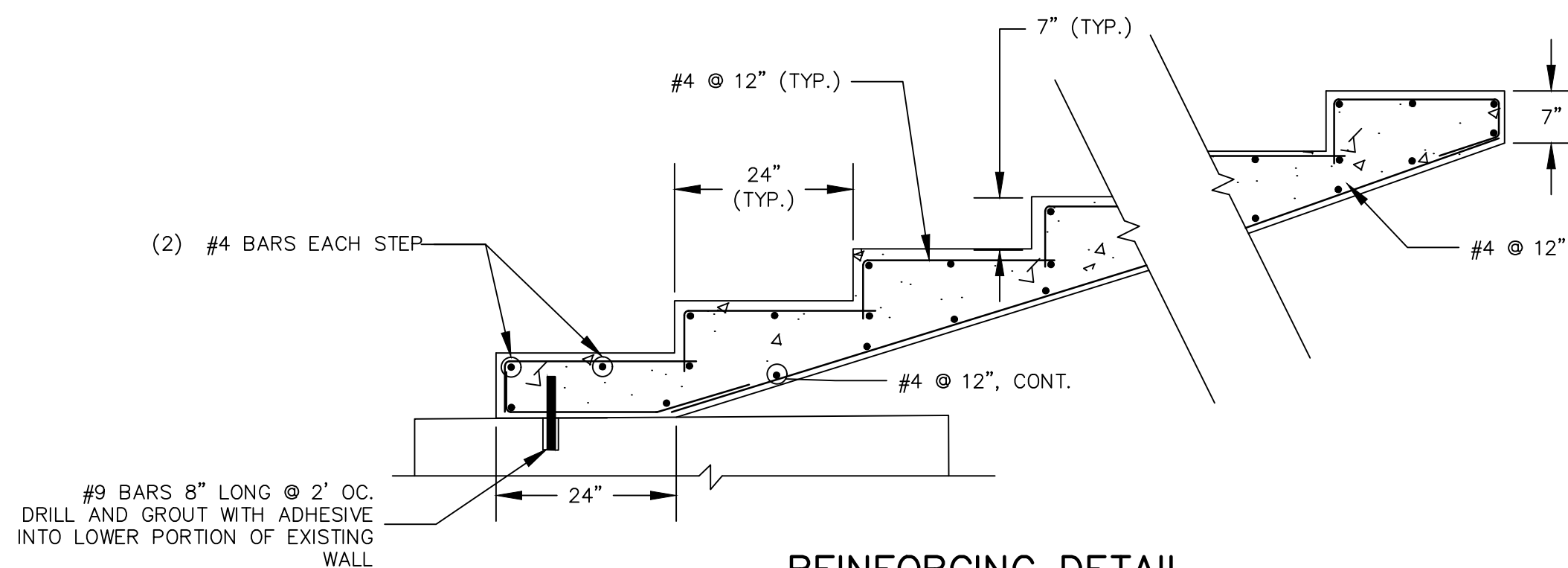




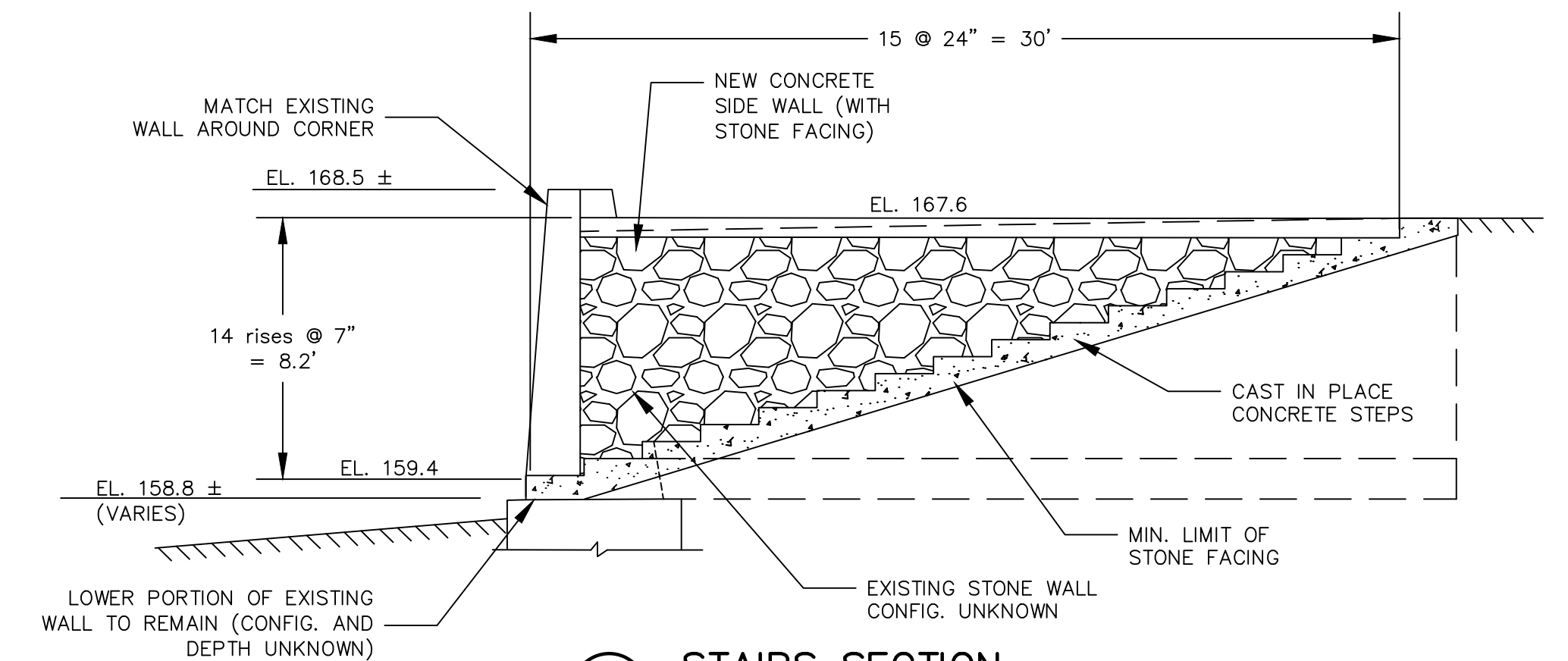
WALL PLAN  
1"=10'



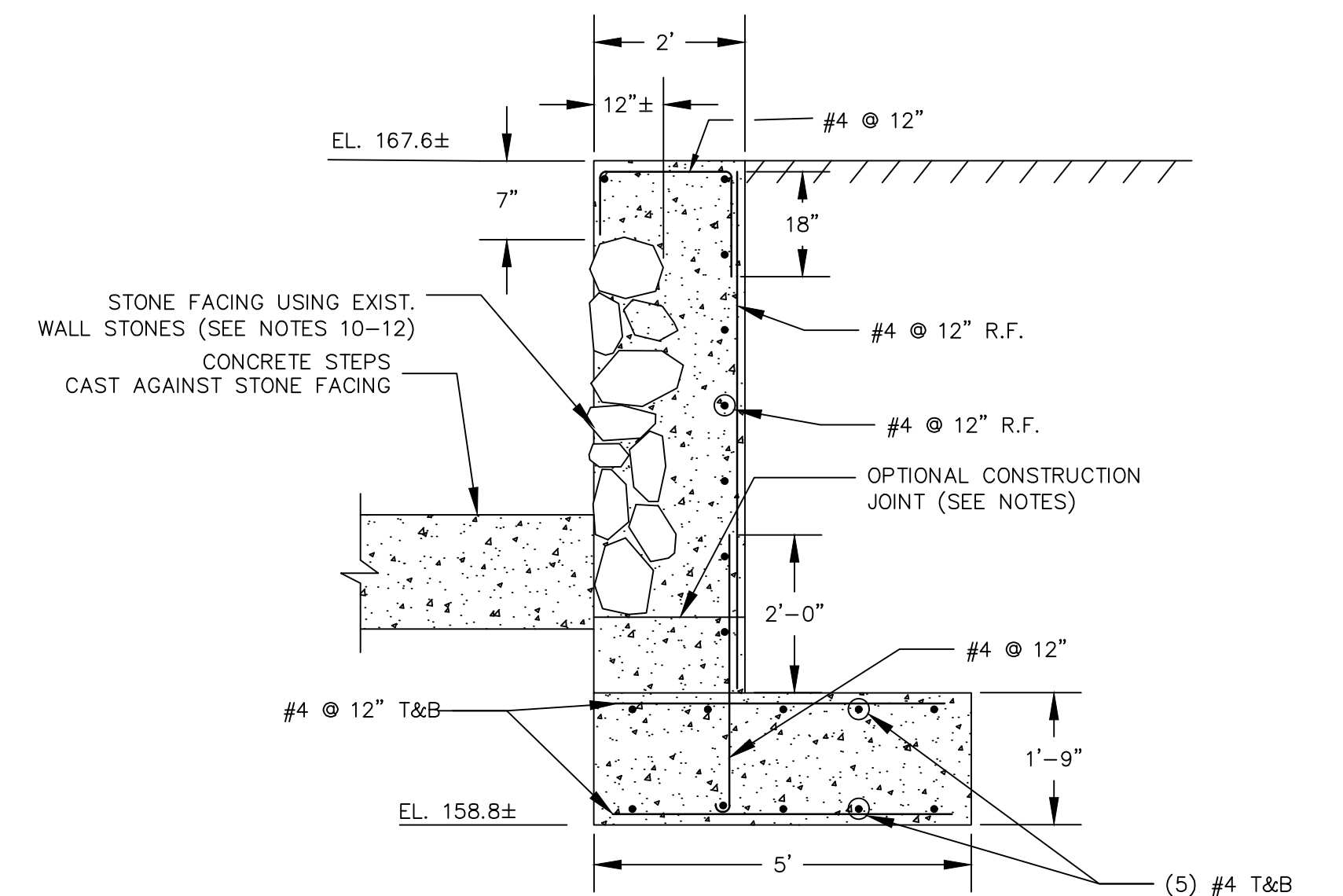
ELEVATION  
1"=10'



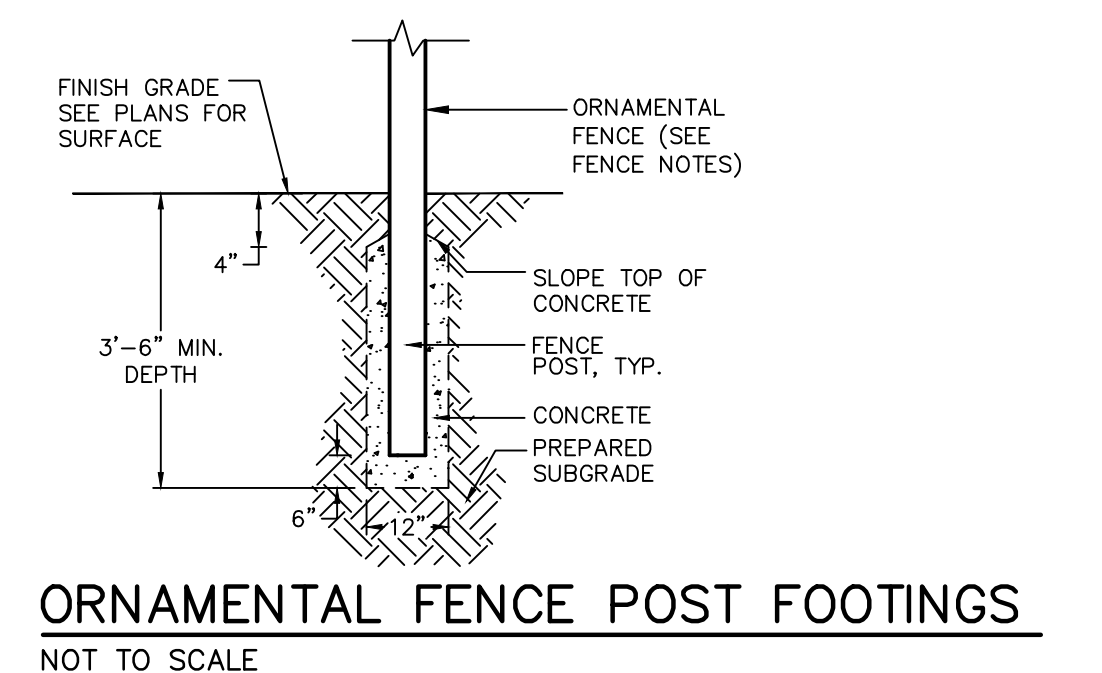
REINFORCING DETAIL  
NOT TO SCALE



A STAIRS SECTION  
1"=5'



B SIDE WALL SECTION  
1/2"=1'



ORNAMENTAL FENCE POST FOOTINGS  
NOT TO SCALE

NOTES:

- ALL CONCRETE WORK SHALL CONFORM TO ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS".
- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60 AND BE DETAILED IN ACCORDANCE WITH ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".
- REBARS SHALL HAVE A MINIMUM CONCRETE COVER AS FOLLOWS:  
CONCRETE DEPOSITED AGAINST GROUND.....3 IN.  
CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:  
FOR BARS #5 AND LARGER.....2 IN.  
FOR BARS SMALLER THAN #5.....1½ IN.  
CONCRETE NOT EXPOSED TO THE WEATHER OR THE GROUND:  
SLABS AND WALLS.....¾ IN.
- ALL REINFORCING BARS SHALL BE CONTINUOUS AND LAPPED A MINIMUM OF 48 BAR DIAMETERS AT ALL SPLICES, CORNERS, AND INTERSECTIONS UNLESS NOTED OTHERWISE.
- ALL REINFORCEMENT SHALL BE SECURELY TIED IN ITS PROPOSED LOCATION PRIOR TO AND DURING PLACEMENT OF CONCRETE USING APPROVED CHAIRS, SPACERS AND TIE WIRE AS REQUIRED. NO BARS SHALL BE CUT OR OMITTED IN THE FIELD WITHOUT THE APPROVAL OF THE ENGINEER.
- CONCRETE FOR SHALL BE NORMAL WEIGHT CONCRETE AND SHALL DEVELOP A COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS, UNLESS OTHERWISE NOTED. CONCRETE SHALL HAVE A MAXIMUM AGGREGATE SIZE OF ¾ INCH, A MINIMUM CEMENT CONTENT OF 560 LBS/CU YD., AND A MAXIMUM SLUMP OF 4 INCHES.
- ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A ¾ INCH CHAMFER UNLESS NOTED OTHERWISE.
- ALL CONCRETE SHALL BE AIR-ENTRAINED.
- HORIZONTAL CONSTRUCTION JOINTS ARE PERMITTED IN THE WALL STEMS AS SHOWN FOR THE PURPOSE OF PROVIDING A SHELF FOR THE STONE FACING.
- IT IS ANTICIPATED THAT THE STONE FACING UTILIZING THE EXISTING WALL STONES WILL BE MORTARED IN PLACE PRIOR TO POURING THE STEM CONCRETE BEHIND THE FACING. THE REAR SIDE OF THE STONE FACING SHALL BE IRREGULAR TO PROMOTE INTEGRATION AND BONDING OF THE STEM CONCRETE WITH THE FACING.
- THE MORTAR SHALL CONFORM TO THE REQUIREMENTS OF CTDOT FORM 817 SECTION M.11.04.
- THE EXISTING WALL STONES USED FOR THE FACING SHALL BE CAREFULLY SELECTED TO PROVIDE A SIMILAR APPEARANCE TO THE EXISTING STONE WALLS ON THE SITE.

FENCE NOTES:

- FENCING SYSTEM AND ALL COMPONENTS SHALL BE MONTAGE PLUS GENESIS ORNAMENTAL.
- STEEL PICKETS AS MANUFACTURED BY AMERISTAR FENCE PRODUCTS, INC.
- FENCE PANELS SHALL BE 4' IN HEIGHT WITH A MAXIMUM SPAN OF 8'.
- FENCE COLOR SHALL BE BLACK.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO ORDERING.

File Path: J:\DWG\2019\0622\Structures\structures 09.23.19\_recover000.dwg Layout: 24X36-L Plotted: Thu, November 14, 2019 - 3:54 PM User: acarillon  
MS VIEW: PLOTTER: DWG TO PDF.PC3 CTB File: FO 2008 MONO.CTB LAYER STATE:

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.			xx/xx	xx

SEAL

SEAL

SCALE:  
 HORZ.: ?? = ??  
 VERT.:  
 DATUM:  
 HORZ.:  
 VERT.:  
 ?? ?? 0 ??  
 GRAPHIC SCALE

**f** **FUSS & O'NEILL**  
 146 HARTFORD ROAD  
 MANCHESTER, CONNECTICUT 06040  
 860.646.2469  
 www.fando.com

PRINCETON HYDRO  
 SITE STAIR DETAILS  
 ROARING BROOK DAM REMOVAL  
 GLASTONBURY CONNECTICUT

PROJ. No.: 20190622.A20  
 DATE: 11/13/2019  
**STR-01**