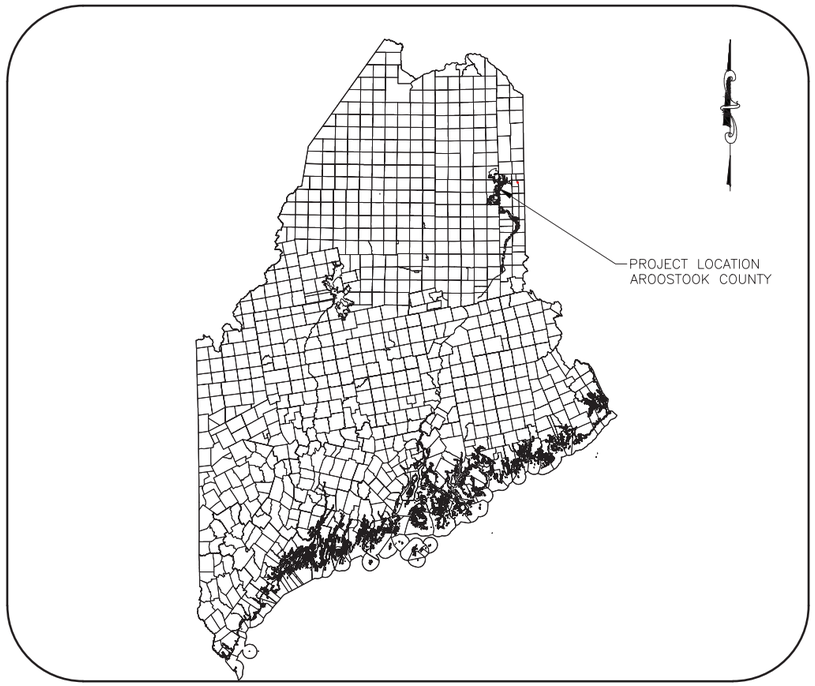
NUMBER NINE WIND FARM

PRIVATE LAND IMPROVEMENTS

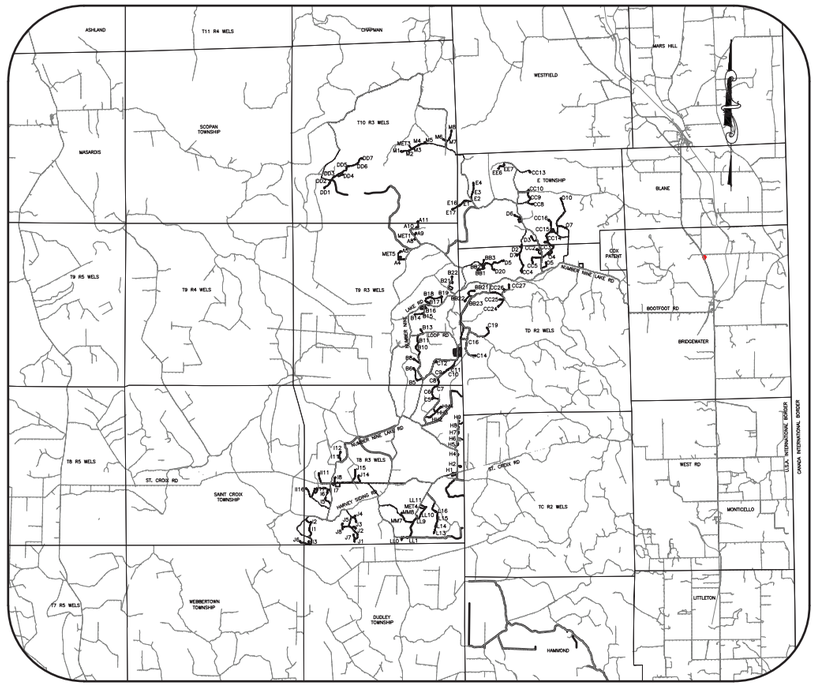
PRELIMINARY PLAN SET

AROOSTOOK COUNTY, MAINE



MAINE STATE MAP

N.T.S.



LOCATION MAP

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COVERSHEET

DRAWING NO.

CO-1

SHEET 1 OF 338

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TITLE OF DRAWING
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DRAWING NO.
TC-1

SHEET M100
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SHEET A100
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SHEET D100
SHEET CC100B
SHEET B100B
SHEET C100B
SHEET B100A
SHEET C100A
SHEET II100A/I100B/J100C
SHEET II100
SHEET H100/HH100
SHEET I100A/J100B
SHEET L100/LL100/MM100
SHEET J100A

SCOPAN LAKE
CRANBERRY POND
YOUNGS LAKE
E PLANTATION RD
WARREN RD
KINNEY RD
WHITEHEAD LAKE
PACKARD LAKE
NUMBER NINE LAKE RD
BOOTFOOT RD
PORTLAND LAKE
ROUTE 1
LOOP RD
PRESSEUE ISLAND POND
WEST LAKE
HOVEY MOUNTAIN RD
BLACK CAT MOUNTAIN RD
TIE CAMP RD
S MILE CUT OFF RD
ODD NINE RD
ST. CROIX RD
MEADOWBROOK POND
JEWELL LAKE
WEST RD
CUELING POND
RIDGEOUT LAKE
ALLERTON LAKE
SCOTT POND
LITTLE BOWLES POND
UNNAMED POND
HOME BROOK CUT-OFF RD
HARVEY SIDING RD
BLACK BROOK
DUDLE POND RD
DUDLE POND
ST. CROIX LAKE
NORTH POND
NORTH BACK RD
TROUT POND

5000 0 5000 10000 15000 20000
Scale: 1" = 5000'

REV	DESCRIPTION	DATE	BY
1			
2			
3			
4			
5			
6			
7			

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
SM/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
ACCESS ROAD AND TURBINE STRING INDEX PLAN

DRAWING NO.
IND-1

SHEET 3 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 index plan_IND-1.dwg
DATE/TIME: 7/8/2015 7:01:09 AM
USER: Steven Mellott

PROPOSED DELIVERY TRUCK TURNAROUND

BOOTFOOT ROAD

EXISTING RAILROAD SIDING

ST. CROIX ROAD

SOUTH BRANCH RD

WEST ROAD

US 1 (MILITARY RD)

O&M SUBSTATION

MATCHLINE TP-2A

LEGEND

	GENERATOR LEAD
	CONSTRUCTION TRAFFIC ROUTE
	TURBINE TRANSPORTATION ROUTE

5000 0 5000 10000 15000
FEET
Scale: 1" = 5000'

REV	DESCRIPTION	DATE	BY
7			
6			
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4			
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2			
1			

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FA PROJECT NO.
140009

PROJECT MANAGER
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SM/BA

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AS SHOWN

ISSUE DATE
JULY 2015

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Phone: 585-334-1570 FAX:

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
TRANSPORTATION ROUTE PLAN 1

DRAWING NO.
TP-1

SHEET 4 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 transport plan_TP-1.dwg
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USER: Steven Mellott

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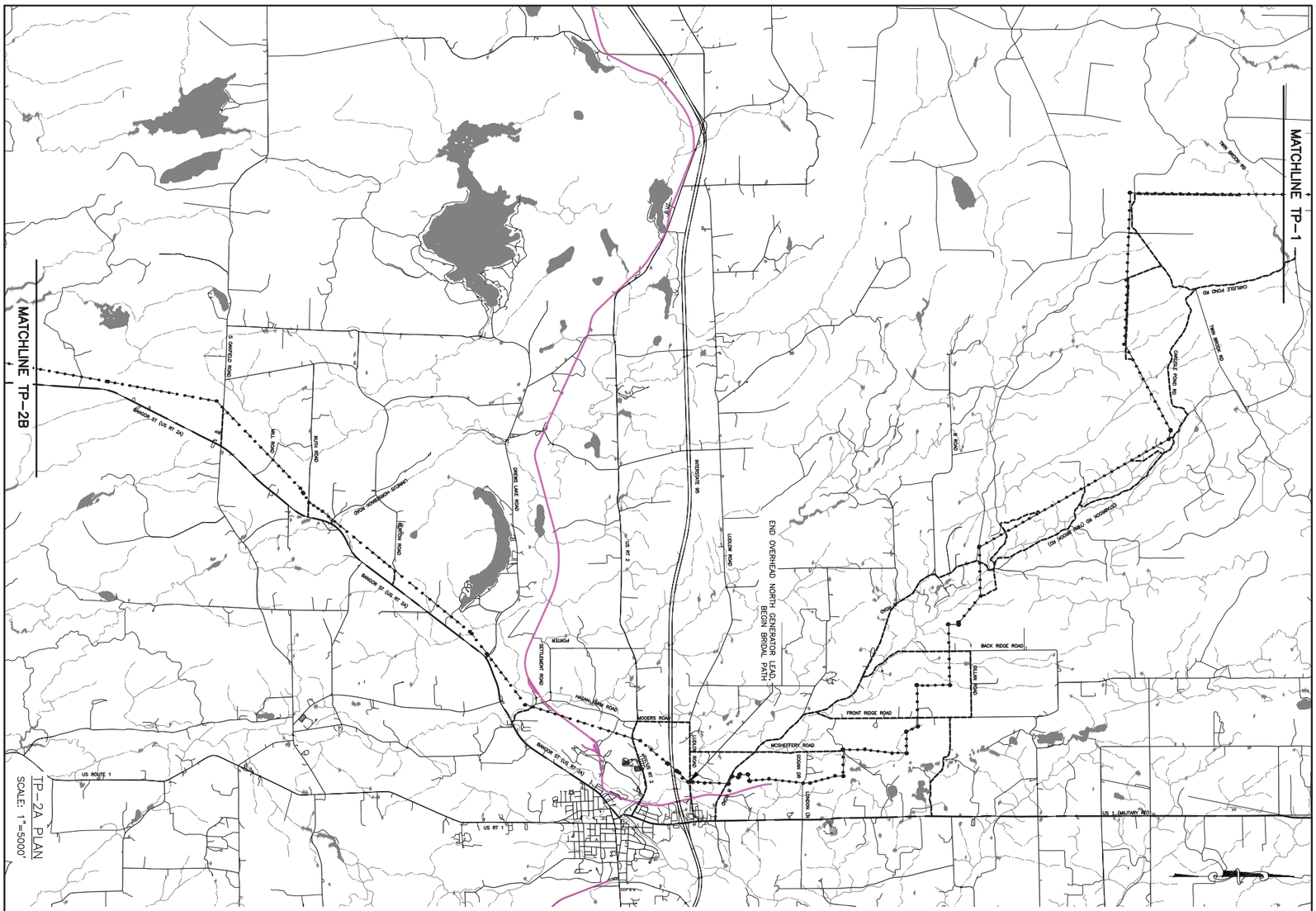
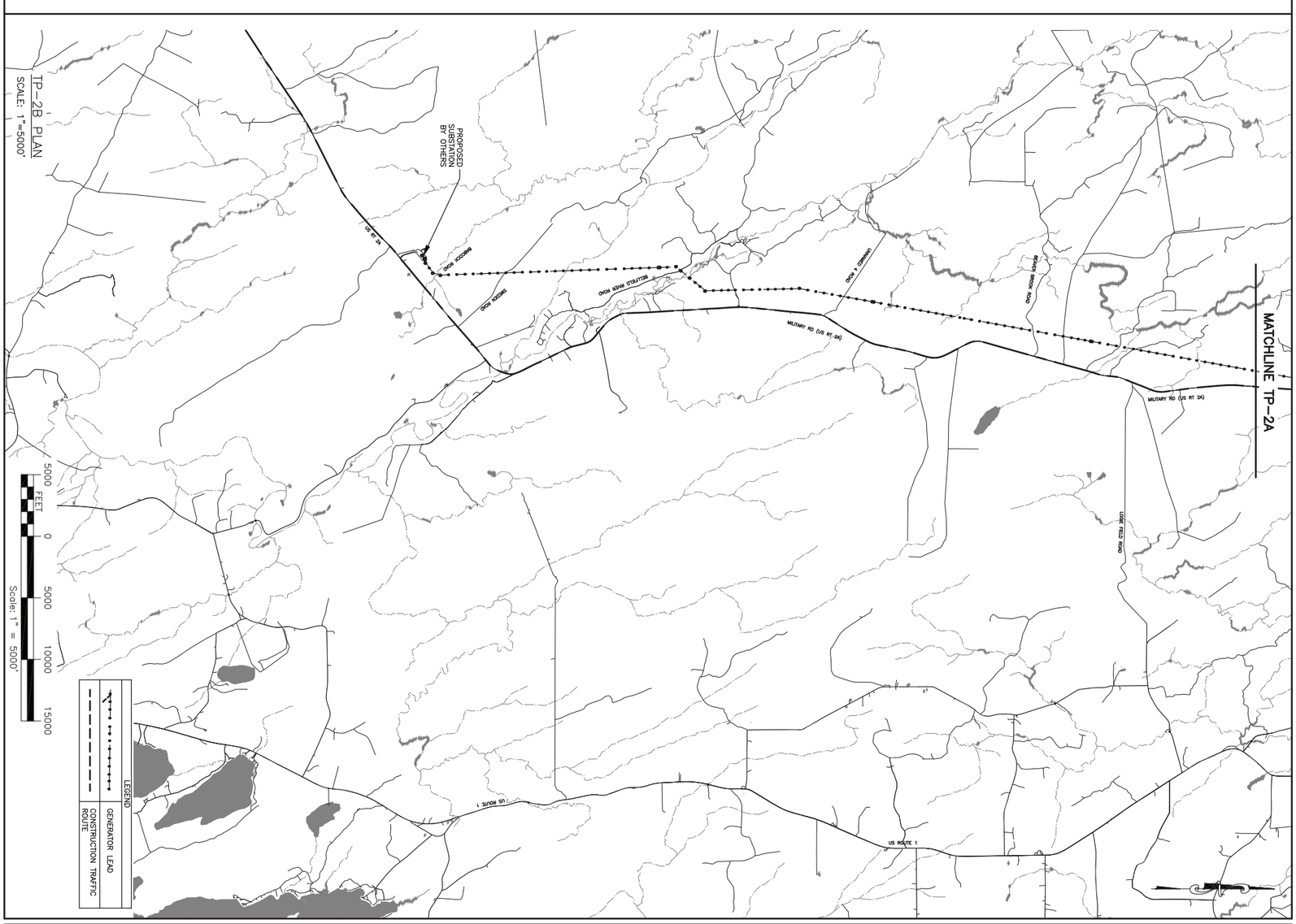
DATE/TIME: 7/8/2015 7:02:15 AM
USER: Steven Mellott





DRAWING NO.
TP-2
SHEET 5 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM

TITLE OF DRAWING
TRANSPORTATION ROUTE PLAN 2

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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REV	DESCRIPTION	DATE	BY
7			
6			
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4			
3			
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1			

GENERAL NOTES:

1. PROJECT COORDINATES ARE IN STATE PLANE MAINE EAST.
2. PLANIMETRIC FEATURES, ORTHOPHOTOS AND ELEVATION DATA WERE PREPARED BY MAGNOLIA RIVER GEOSPATIAL, INC. FROM AERIAL PHOTO DATA GATHERED IN 2008 AND 2014. THE 2014 SURVEY DATA INCLUDED AREAS AROUND THE DD AND M TURBINES AND THE GENERATOR LEAD AND BRIDAL PATH CORRIDORS. CONTRACTOR SHALL RESOLVE ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.
3. SURVEYED BOUNDARY LINES FOR PARTICIPATING PROPERTIES ARE PROVIDED BY JAMES W. SEWALL COMPANY. ADJACENT PARCEL BOUNDARIES AND RIGHT OF WAY ARE ASSUMED AND APPROXIMATE AS PROVIDED BY THE STATE OF MAINE GEOGRAPHIC INFORMATION SYSTEM (GIS) FILES.
4. EXISTING ROAD, STREAM, AND SOILS CLASSIFICATION NAMES WERE OBTAINED FROM THE STATE OF MAINE GIS DATA.
5. THE PROJECT AREA IS IN AN ACTIVE TIMBER HARVESTING OPERATION. THE ELEVATIONS SHOWN ON THESE DRAWINGS ARE TO BE CONSIDERED GUIDANCE AND SHOULD BE ADJUSTED TO FIT ACTUAL FIELD CONDITIONS DURING CONSTRUCTION. THE CONTRACTOR SHALL USE JUDGEMENT WHEN ESTABLISHING CONSTRUCTION GRADES AND ELEVATIONS.
6. MATERIALS USED SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STATE OF MAINE DEPARTMENT OF TRANSPORTATION (MDOT) "STANDARD SPECIFICATIONS".
7. DISTURBANCE LIMITS ARE SHOWN ON THE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL STAKE THE LIMITS (OR PLANNED EDGE OF WORK AREA IF CONTRACTOR DOES NOT INTEND TO USE THE ENTIRE PROPOSED DISTURBED AREA) PRIOR TO CONSTRUCTION FOR APPROVAL BY OWNER. STAKES ARE TO BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION AND THE CONTRACTOR SHALL KEEP ALL CONSTRUCTION ACTIVITY INCLUDING TRAVELING BETWEEN TURBINE SITES AND CONSTRUCTION LOCATIONS WITHIN THE BOUNDS OF THESE STAKES. ALL STAKES TO BE REMOVED BY CONTRACTOR AT THE END OF CONSTRUCTION.
8. REFER TO THE ELECTRICAL, FOUNDATION, AND BUILDING PLANS FOR SPECIFIC DETAILS. ANY CONFLICTS BETWEEN PLAN SETS SHOULD BE RESOLVED BY THE OWNER.

EROSION AND SEDIMENT CONTROL NOTES:

1. THIS PROJECT IS SUBJECT TO THE MAINE POLLUTANT DISCHARGE ELIMINATION SYSTEM (MPDES) GENERAL PERMIT – CONSTRUCTION ACTIVITIES. ALL CONSTRUCTION SHALL COMPLY TO THE STORMWATER BEST MANAGEMENT PRACTICES MANUAL.
2. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH MAINE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES. UPON COMPLETION OF THE PROJECT, ALL MATERIALS USED FOR TEMPORARY EROSION CONTROL SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR.
3. CONTRACTOR SHALL STAGE CONSTRUCTION EFFORTS SUCH THAT THE LEAST AMOUNT OF EXPOSED DISTURBED SOIL OCCURS AT A GIVEN TIME, THEREBY MINIMIZING THE POTENTIAL FOR EROSION.
4. IF THE SITE OR PORTION OF THE SITE IS PLANNED TO BE IDLE FOR MORE THAN 30 DAYS, THEN MULCHING OR VEGETATIVE STABILIZATION MUST BE ACCOMPLISHED WITHIN SEVEN DAYS.
5. EROSION CONTROL MIX BERMS SHALL BE INSTALLED ALONG THE LIMITS OF DISTURBANCE. ADDITIONAL MEASURES WILL BE INSTALLED AS CONDITIONS WARRANT.
6. AFTER TURBINE CONSTRUCTION, SLOPE BREAKERS AND/OR WATER BARS ARE TO BE PLACED ALONG NEW ROADS WITH SLOPES GREATER THAN 10%.
7. ALL ACCESS ROAD DITCHES SHALL BE VEGETATED AND INCLUDE STONE CHECK DAMS AS NEEDED.

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR SITING TURNAROUNDS AND CRANE BUILD AREAS WITHIN THE ESTABLISHED LIMITS OF DISTURBANCE.
2. EXISTING ROADS NOT BEING WIDENED SHALL BE MAINTAINED AT 16–FOOT MINIMUM WIDTH AND 1% MINIMUM CROSS SLOPE. TREE BRANCHES MAY NEED TO BE TRIMMED TO PROVIDE ADEQUATE VERTICAL CLEARANCE DURING TURBINE COMPONENT DELIVERY.
3. DEWATERING OPERATIONS ARE EXPECTED THROUGHOUT CONSTRUCTION AND SHALL BE PERFORMED IN ACCORDANCE WITH THE DETAILS. CONTRACTOR TO SUBMIT A DEWATERING PLAN TO OWNER FOR APPROVAL AND RECEIVE THIS APPROVAL PRIOR TO ANY DEWATERING OPERATIONS.
4. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO DAYLIGHT HOURS. IMPACT PILE DRIVING AND BLASTING OPERATIONS, IF NEEDED, SHALL BE LIMITED TO THE HOURS BETWEEN 7:00 A.M. TO 7:00 P.M., MONDAY THROUGH FRIDAY. CONTRACTOR TO SUBMIT REQUEST TO OWNER FOR APPROVAL FOR ANY WORK OUTSIDE DAYLIGHT HOURS AND RECEIVE THIS APPROVAL PRIOR TO WORKING OUTSIDE OF DAYLIGHT HOURS.
5. ALL DELINEATED STREAM CROSSINGS WILL CREATE TEMPORARY STREAM AND ADJACENT WETLAND IMPACTS. ALL TEMPORARY CULVERTS SHALL BE REMOVED WITHIN FIVE MONTHS OF INSTALLATION. ADJACENT WETLAND AREAS SHALL BE RESTORED TO PRECONSTRUCTION GRADES WITH FIVE MONTHS OF INITIAL DISTURBANCE.
6. CONTRACTOR SHALL INSTALL MARKERS FOR ALL NEW UNDERGROUND ELECTRIC LINE ROAD CROSSINGS IN ACCORDANCE WITH STATE REQUIREMENTS.
7. CONTRACTOR SHALL INSTALL NEW SIGNAGE AT ALL ACCESS ROAD ENTRANCES, CONFORMING TO STATE AND LOCAL EMERGENCY SERVICE REQUIREMENTS.
8. RESIDENTS SHALL BE NOTIFIED OF IMPENDING SERVICE OUTAGES AND NO RESIDENCE SHALL BE WITHOUT SERVICE OVERNIGHT DUE TO CONSTRUCTION ACTIVITIES.
9. A CONCRETE WASH OUT AREA SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS AT EACH TURBINE LOCATION.
10. ALL DEBRIS SHALL BE DISPOSED OF OFF–SITE AT LOCATIONS PROVIDED BY THE CONTRACTOR.
11. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE FROM TURBINES, ACCESS ROADS, EXCAVATIONS AND STAGING AREAS AROUND THE TURBINE SITES.
12. CONTRACTOR SHALL COORDINATE WITH OWNER'S ENVIRONMENTAL SPECIALIST WHILE WORKING IN ENVIRONMENTALLY SENSITIVE AREAS. THE MAINE DEPARTMENTS OF ENVIRONMENTAL PROTECTION AND INLAND FISHERIES AND WILDLIFE, AND THE US FISH AND WILDLIFE SERVICE SHALL BE CONTACTED IMMEDIATELY IF THREATENED OR ENDANGERED SPECIES ARE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES. CONSTRUCTION ACTIVITIES THAT COULD ADVERSELY IMPACT THE IDENTIFIED PLANTS OR ANIMALS SHALL BE HALTED UNTIL AN APPROPRIATE COURSE OF ACTION HAS BEEN AGREED UPON.
13. FROM THE CONTROL POINTS AND BENCHMARKS PROVIDED BY THE OWNER'S ENGINEER, THE CONTRACTOR SHALL SUPPLY ALL CONSTRUCTION SURVEYING AND STAKING REQUIRED TO BUILD THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR EXTRACTING STAKING COORDINATES FROM THE CONSTRUCTION DRAWINGS PROVIDED BY THE OWNER'S ENGINEER. ELECTRONIC COPIES OF THE CONSTRUCTION DRAWINGS WILL BE PROVIDED TO THE CONTRACTOR IF REQUESTED. ALL STAKEOUT SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION.
14. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT AND SHALL NOT BLOCK NATURAL OR MANMADE CREEKS OR DRAINAGE SWALES CAUSING RAINWATER TO POND. ALL DRAINAGE PATTERNS MUST BE CONTAINED TO THE EXISTING PARCELS, CONTRACTOR CANNOT SHIFT DRAINAGE PATTERNS ONTO OTHER PARCELS. PROTECTED STREAMS WILL BE FLAGGED AND DISTURBANCES SHALL ONLY BE TEMPORARY IN NATURE. ALL ROADSIDE DITCHES WITHIN THE CONSTRUCTION LIMITS ARE TO BE CLEANED, HAVE SILT REMOVED AND BE GRADED TO DRAIN AS NEEDED.
15. THE CONTRACTOR SHALL KEEP ALL PERSONNEL AND EQUIPMENT ON THE ROADS DESIGNATED FOR USE DURING CONSTRUCTION SHOWN IN THE TRANSPORTATION ROUTE PLAN. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE POSTING OF ANY ROADS AND/OR BRIDGES OVER WHICH THEY MIGHT BE HAULING MATERIAL.
16. WHERE PROPERTY MARKERS ARE ENCOUNTERED, THE OWNER'S ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ALL OTHER EXISTING ROW MARKERS AND/OR PROPERTY PINS SHALL BE MAINTAINED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH MAINE LAW.
17. ALL OPEN EXCAVATIONS LEFT OVERNIGHT THROUGHOUT THIS PROJECT SHALL BE PROTECTED BY FENCES AND BARRICADES 4 FEET OR TALLER.
18. WHILE BUILDING THE ROADS AND EXCAVATING THE TURBINE FOUNDATIONS EXCESS SOIL WILL RESULT. THE CONTRACTOR SHALL DISPOSE OF THIS EXCESS SOIL IN AN APPROVED MANNER.
19. THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY BEFORE ANY CONSTRUCTION WORK HAS BEGUN, OF OBTAINING FROM ALL UTILITIES THE EXACT LOCATION OF ANY UNDERGROUND FACILITIES IN THE AREA OF CONSTRUCTION, WHETHER INDICATED ON THE PLANS OR NOT. WHENEVER A QUESTION ARISES REGARDING THE EXISTENCE OR LOCATION OF A BURIED UTILITY, CALL THE TOLL FREE MAINE 811 TELEPHONE NUMBER BEFORE STARTING EXCAVATION.
20. ANY FACILITIES DISTURBED BY THE CONTRACTOR SHALL BE RESTORED AT CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COORDINATE WITH THE PROPER UTILITY FOR THE RELOCATION OF ANY FACILITY DESIGNATED ON THE PLANS OR DEEMED NECESSARY TO BE RELOCATED IN ORDER TO COMPLETE CONSTRUCTION OF THE PROJECT.

CONSTRUCTION SPECIFICATIONS:

1. THE FINISHED SURFACE OF CRANE PAD SHALL NOT SLOPE MORE THAN 1% IN ANY DIRECTION. THE CRANE PAD SHALL BE CONSTRUCTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
2. THE CONTRACTOR SHALL COMPACT AND PROOF ROLL THE SUBGRADE PRIOR TO ANY AGGREGATE MATERIALS BEING PLACED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. ANY AREAS WHICH SHOW RUTTING, CRACKING, PUMPING OR ROLLING OF THE COMPACTED SUBGRADE UPON PROOF ROLLING WILL NOT BE ACCEPTED. THE CONTRACTOR SHALL RECOMPACT AND/OR REPLACE WITH GRANULAR SOILS THE SECTION THAT FAILS AND PROOF ROLL AGAIN PRIOR TO ACCEPTANCE.
3. IF IT RAINS BETWEEN THE TIME THE FINISHED CRANE PAD SURFACE IS PROOF ROLLED AND THE TURBINE ERECTION CRANE IS TO BE USED ON THE CRANE PAD, THE CRANE PAD SURFACE SHALL BE PROOF ROLLED AGAIN TO SHOW THAT RAIN HAS NOT WEAKENED IT.
4. GRAVEL SURFACES SHALL CONSIST OF MDOT TYPE D AGGREGATE OR EQUIVALENT AS APPROVED BY OWNER.
5. ALL PERMANENT PIPE CULVERTS SHALL BE MDOT CULVERT PIPES OPTION III IN ACCORDANCE WITH SECTION 603 OF THE MDOT STANDARD SPECIFICATIONS.
6. CULVERT INVERTS SHALL BE DETERMINED DURING INSTALLATION TO PROVIDE POSITIVE FLOW IN THE DIRECTION OF EXISTING SLOPES. CONTRACTOR TO INSTALL AT ADEQUATE DEPTHS AND DAYLIGHT TO DRAIN.
7. TEMPORARY PIPE CULVERT EXTENSION MATERIALS SHALL BE DETERMINED BY THE CONTRACTOR. TEMPORARY CULVERTS SHALL BE CHOSEN BASED ON ANTICIPATED EXPOSURE TO OVERWEIGHT CONSTRUCTION TRAFFIC.
8. CONTRACTOR SHALL FIELD VERIFY THE LENGTHS OF ALL PIPE CULVERTS AND BOX CULVERTS TO BE EXTENDED OR REMOVED AND REPLACED PRIOR TO ORDERING THE PIPE. ON ALL PIPE CULVERTS TO BE EXTENDED, THE CONTRACTOR SHALL REMOVE THE DAMAGED ENDS OF THE EXISTING PIPE CULVERTS PRIOR TO INSTALLING THE NEW EXTENSIONS. WHEN A CONCRETE COLLAR IS USED TO CONNECT A TEMPORARY PIPE TO A PERMANENT PIPE THE COLLAR SHALL BE CUT OFF THE PERMANENT PIPE AND THE PERMANENT PIPE EXTENDED PRIOR TO ATTACHING THE END SECTIONS. METAL END SECTIONS SHALL BE REQUIRED. ALL WORK SHALL CONFORM TO MDOT STANDARDS.
9. UNLESS OTHERWISE NOTED, ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT REMAINING AS GRAVEL ARE TO RECEIVE TOPSOIL MATCHING PRE–CONSTRUCTION DEPTHS (4" MIN.), SEEDED, AND MULCHED.
10. TO MINIMIZE AIRBORN DUST DURING CONSTRUCTION, THE CONTRACTOR SHALL UTILIZE WHATEVER MEANS ARE NECESSARY, INCLUDING, BUT NOT LIMITED TO, THE APPLICATION OF WATER OR CHEMICALS AS FREQUENTLY AS NEEDED.

WORK IN PUBLIC RIGHT–OF–WAY NOTES:

1. THE CONTRACTOR SHALL APPLY FOR AND SECURE PERMITS FROM THE STATE, COUNTY AND TOWNSHIPS AS NECESSARY BEFORE DRIVING CONSTRUCTION EQUIPMENT OVER AND ACROSS THE STATE AND COUNTY HIGHWAYS AND TOWNSHIP ROADS.
2. ALL WORK IN PUBLIC RIGHT–OF–WAYS SHALL CONFORM WITH MAINE DEPARTMENT OF TRANSPORTATION (MDOT) "STANDARD SPECIFICATIONS", "STANDARD DETAILS", AND "HIGHWAY DESIGN GUIDE".
3. UNLESS DIRECTED BY OWNER THAT IMPROVEMENTS ARE TO PERMANENTLY REMAIN, TEMPORARY INTERSECTION WIDENINGS SHALL, UPON COMPLETION OF ALL PROJECT CONSTRUCTION OR UPON NOTIFICATION BY THE ENGINEER, BE REMOVED AND THE AREA RESTORED TO ITS ORIGINAL LINES AND GRADES WITH THE UPPER ONE FOOT OF RESTORED GROUND BEING TOPSOIL. THIS RESTORATION SHALL INCLUDE ANY TEMPORARY ENTRANCES CONSTRUCTED AS A RESULT OF THE TEMPORARY INTERSECTION WIDENING.
4. AFTER CONSTRUCTION IS SUBSTANTIALLY COMPLETED ON THE PROJECT, THE COUNTY AND TOWNSHIP ROADWAYS SHALL BE CLEANED OF ALL DIRT, RESHAPED, RECOMPACTED AND RESTORED TO PRE–CONSTRUCTION CONDITIONS IN ACCORDANCE WITH ROAD USE AGREEMENT BETWEEN THE COUNTY/TOWNSHIP AND OWNER. THE AGREEMENT IS ON FILE WITH THE OWNERS ENGINEER AND PROVIDED TO THE CONTRACTOR. ALL WORK PERFORMED ON STATE RIGHT–OF–WAY SHALL BE IN ACCORDANCE WITH THE PERMIT ISSUED BY THE MAINE DEPARTMENT OF TRANSPORTATION ON FILE WITH THE OWNER'S ENGINEER AND PROVIDED TO THE CONTRACTOR. THE CONTRACTOR SHALL OBTAIN AND PROVIDE AN INDIVIDUAL HIGHWAY PERMIT BOND BEFORE BEGINNING WORK ON STATE RIGHT–OF–WAY.
5. PRIOR TO BEGINNING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL SUBMIT TO THE OWNER'S ENGINEER, THE MAINE DEPARTMENT OF TRANSPORTATION, AND THE AROOSTOOK COUNTY PUBLIC WORKS DEPARTMENT A SEQUENCE OF CONSTRUCTION OPERATIONS. NO DEVIATION FROM THE APPROVED SEQUENCE WILL BE PERMITTED EXCEPT BY WRITTEN PERMISSION FROM THE OWNER'S ENGINEER AND NOTIFICATION TO THE SAME ENTITIES.
6. THE CONTRACTOR SHALL NOTIFY THE OWNER'S ENGINEER AND THE MAINE DEPARTMENT OF TRANSPORTATION OF ANY IMPENDING ROAD CLOSING PRIOR TO BEGINNING WORK AND SHALL NOTIFY THE SAME DEPARTMENTS WHEN THE ROAD IS OPENED. NO ROADS SHALL BE CLOSED WITHOUT THIS PRIOR NOTICE. THE CONTRACTOR SHALL NOTIFY THE ABOVE ENTITIES OF THE PROGRESS OF THE WORK ON A WEEKLY BASIS AND WHEN SIGNIFICANT ITEMS OF WORK ARE TO BE PERFORMED OR WHENEVER CHANGES IN TRAFFIC CONTROL WILL PRECIPITATE CHANGES IN TRAFFIC PATTERNS. ALL WORK AND COMMUNICATION SHALL CONFORM TO THE ROAD USE AGREEMENT BETWEEN THE OWNER AND COUNTY.
7. THE CONTRACTOR SHALL BE REQUIRED TO RELOCATE OR TO REMOVE AND RE–INSTALL ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION. TEMPORARY LOCATIONS OF TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH MAINE MUTCD. CONTRACTOR WILL NOT BE PERMITTED TO DEVIATE FROM THE ALLOWABLE LOCATION, OFFSET, OR HEIGHT OF A REGULATORY OR WARNING SIGN IN A TEMPORARY SITUATION.

LATE FALL – WINTER CONSTRUCTION NOTES:

1. CONSTRUCTION IS ANTICIPATED TO OCCUR BETWEEN SEPTEMBER 15 TO APRIL 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING ALL WINTER EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH SECTION A–3 OF "MAINE EROSION AND SEDIMENTATION CONTROL BMP'S".
2. WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME. LIMIT THE EXPOSED AREA TO THOSE AREAS IN WHICH WORK IS TO OCCUR DURING THE FOLLOWING 15 DAYS AND THAT CAN BE MULCHED IN ONE DAY PRIOR TO ANY STORM EVENT.
3. AFTER EACH DAY OF FINAL GRADING, THE AREA WILL BE PROPERLY STABILIZED WITH ANCHORED MULCH OR EROSION CONTROL MATTING.
4. SNOW PILING SHALL OCCUR WITHIN THE DESIGNATED LIMITS OF DISTURBANCE.
5. DRAINAGE STRUCTURES SHALL BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS.
6. SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE SHALL BE INSTALLED PRIOR TO FROZEN GROUND CONDITIONS.
7. SNOW AND/OR ICE SHALL BE REMOVED TO LESS THAN 1 INCH DEPTH PRIOR TO MULCHING.
8. MULCH SHALL BE APPLIED AT 3 TONS/ACRE AND ANCHORED.
9. THE SITE STABILIZATION SCHEDULE BEFORE WINTER SHALL BE AS FOLLOWS:

SEPTEMBER 15 ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED. ALL SLOPES MUST BE STABILIZED, SEEDED AND MULCHED. ALL GRASS LINED DITCHES AND CHANNELS MUST BE STABILIZED WITH MULCH OR AN EROSION CONTROL BLANKET.

OCTOBER 1 ALL DISTURBED AREAS TO BE PROTECTED WITH AN ANNUAL GRASS MUST BE SEEDED AT A SEEDING RATE OF 3 POUNDS PER 1000 SQ–FT AND MULCHED.

NOVEMBER 15 ALL STONE–LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED. SLOPES THAT ARE COVERED WITH RIPRAP MUST BE CONSTRUCTED BY THAT DATE.

DECEMBER 1 ALL DISTURBED AREAS WHERE THE GROWTH OF VEGETATION FAILS TO BE AT LEAST THREE INCHES TALL OR AT LEAST 75% OF THE DISTURBED SOIL IS COVERED BY VEGETATION, MUST BE PROTECTED FOR OVER–WINTER.

DRAFT PLAN SUBMISSION NOTES:

1. ADDITIONAL VERNAL POOL AND WETLAND SURVEYS WILL BE COMPLETED FOR AREAS OUTSIDE OF THE CURRENT SURVEY CORRIDORS.
2. STREAM CROSSING DESIGNS SHALL BE COMPLETED ONCE DETAILED TOPOGRAPHIC SURVEY DATA HAS BEEN OBTAINED.
3. PLANS DO NOT INCLUDE DATA FROM FIELD SOIL SURVEYS.
4. AN EXISTING CULVERT SURVEY HAS BEEN CONDUCTED, HOWEVER, NOT ALL EXISTING CULVERTS HAVE BEEN LOCATED ALONG EXISTING ACCESS ROADS TO BE USED DURING CONSTRUCTION. EXISTING CULVERT LOCATIONS WILL BE UPDATED AS ADDITIONAL SURVEY INFORMATION IS PROVIDED.
5. OVERHEAD COLLECTION POLE LOCATIONS ARE NOT SHOWN.
6. OVERHEAD TRANSMISSION LINE DESIGN TO BE COMPLETED BY OTHERS. ASSOCIATED DISTURBANCES ARE NOT INCLUDED IN THESE PLANS.
7. ALTERNATE TURBINES DO NOT INCLUDE COLLECTION LINES AND ASSOCIATED DISTURBANCES.

LEGEND

EXISTING

- BRIDGE
- 400 — CONTOUR, MAJOR
- 401 — CONTOUR, MINOR
- DT — COUNTY DRAIN TILES
- OH E — ELECTRIC LINE, OVERHEAD
- UG E — ELECTRIC LINE, UNDERGROUND
- X — X — FENCE LINE
- FLOOD PLAIN
- MICROWAVE — FREZNEL ZONE
- G — G — GAS, UNDERGROUND
- UP/L — POLE, WITH LIGHT
- UP NM 45 — POLE, WITH UTILITY
- PROPERTY LINE (APPROX.)
- PROPERTY LINE (SURVEYED)
- RIGHT OF WAY LINE
- SETBACK LINE
- + SIGN — SIGN
- X 401.23 — SPOT ELEVATION
- STREAM, APPROX.
- STREAM, NWI MAPPED
- 6" PINE — TREE, CONIFEROUS
- 6" MAPLE — TREE, DECIDUOUS
- BRUSH LINE
- TREE LINE
- HVB HOWLAND VERY STONY LOAM HSG: D — SOIL BOUNDARY & TYPE
- WETLAND AREA
- WETLAND OF SPECIAL SIGNIFICANCE AND BUFFER (WOSS)
- VERNAL POOL AREA AND 100' BUFFER
- SIGNIFICANT VERNAL POOL AND 250' BUFFER (SVP)
- PHOSPHORUS WATERSHED AREA
- WATERSHED BOUNDARY

PROPOSED

- 500 — CONTOUR, MAJOR
- 501 — CONTOUR, MINOR
- UG E — CIR1 — UNDERGROUND ELECTRIC COLLECTION (WITH CIRCUIT DESIGNATION)
- OH E — OVERHEAD ELECTRIC TRANSMISSION
- NEW ACCESS ROAD
- TEMPORARY IMPROVEMENT
- NON–PARTICIPANT PROPERTY
- E & S, CHECK DAM
- E & S, CONSTRUCTION ENTRANCE
- E & S, RIP–RAP OUTLET PROTECTION
- E & S, SILT FENCE
- TREE CLEARING LIMITS
- FLOW DIRECTIONAL ARROW
- EXISTING UTILITY CROSSING LOCATION
- CULVERT H1–1 / ACCESS ROAD ABBREVIATION — PROPOSED PERMANENT CULVERT LABEL
- RE–VEGETATED ROADWAY AREA
- DT H1–01 — DITCH TURNOUT BUFFERS
- RS H2–01 — ROADSIDE BUFFER
- SELECTIVE CLEARING BUFFER
- SOIL TEST PIT/BORE
- ROCK OUTCROP

ROAD NAME ABBREVIATIONS

8 MILE CUT OFF RD	8MC
ACHILLE MORNEAU RD	AM
BLACK CAT MOUNTAIN	BCM
BOOTFOOT RD	BF
BURNTLAND RD	BR
HARVEY SIDING RD	HS
HOVEY MOUNTAIN RD	HM
LOOP RD	LP
NUMBER NINE LAKE RD	NNL
SAINT CROIX ROAD	STC
SHORTCUT RD	SC
WARREN RD	WR
WEST RD	W

TURBINE ACCESS ROAD H2 — NUMBER OF LAST TURBINE ALONG ROAD

REV	DESCRIPTION	DATE	BY
7			
6			
5			
4			
3			
2			
1			

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FA PROJECT NO. 140009
PROJECT MANAGER S. MELLOTT
DRAWN BY DP/BA
SCALE AS SHOWN
ISSUE DATE JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 California Street, Houlton, ME 04623
Phone: 800-339-1579 207-532-6623

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
GENERAL NOTES AND LEGEND

DRAWING NO.
GN-1

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 general notes sheet_GN-1.dwg
DATE/TIME: 7/8/2015 7:02:22 AM
USER: Steven Mellott

SCOPAN TOWNSHIP
SCOPAN LAKE
CRANBERRY POND
T9 R5 WELS
T9 R4 WELS
T9 R3 WELS
T10 R3 WELS
WESTFIELD
MARS HILL
BLAINE
E TOWNSHIP
COX PATENT
BRIDGEWATER
TD R2 WELS
T8 R5 WELS
T8 R3 WELS
SAINT CROIX TOWNSHIP
WEBBERTOWN TOWNSHIP
DUDLEY TOWNSHIP
TC R2 WELS
YOUNGS LAKE
WHITEHEAD LAKE
PACKARD LAKE
PORTLAND LAKE
ALLERTON LAKE
JUNIPER LAKE
MEADOWBROOK POND
SCOTT POND
LITTLE BOWLER POND
UNNAMED POND
CARLISLE POND
NORTH POND
TROUT POND
WEST LAKE
PRESQUE ISLE LAKE
ST. CROIX LAKE
O&M SUBSTATION
GENERATOR LEAD (TYP)
MATCHLINE CW-2A
E PLANTATION RD
WARREN RD
KINNEY RD
NUMBER NINE LAKE RD
BOOTFOOT RD
LOOP RD
HOVEY MOUNTAIN RD
BLACK CAT MOUNTAIN RD
TIE CAMP RD
8 MILE CUT-OFF RD
HARVEY SIDING RD
HOME BROOK CUT-OFF RD
ST. CROIX RD
ST. CROIX ROAD
NORTH BACK RD
SOUTH BRANCH RD
PORTLAND RD
STATE ROUTE 1
BLACK RIVER RD
DUCK POND RD
SHORTCUT RD
PRESQUE ISLE LAKE RD
NUMBER NINE LAKE RD
KETCHAM LAKE
M1 M2 M3 M4 MET2 M5 M6 M7 M8
DD1 DD2 DD3 DD4 DD5 DD6 DD7
E1 E2 E3 E4 E16 E17
A4 A5 A8 MET1 A9 A10 A11
BP-1 D2 D3 D4 D5 D6 D7 D20
BB1 BB2 BB3 BB21 BB22 BB23
B5 B6 B8 B10 B11 B12 B13 B14 B15 B16 B17 B18 B19 B21 B22
BP-2 MET3 LY-3
C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C14 C16 C19 C24 C25 CC26 CC27
CC1 CC2 CC3 CC4 CC5 CC8 CC9 CC13 CC14 CC15 CC16
EE6 EE7
O4 O5 O7 O10
LY-1 LY-2
HH2 HH3 HH4 HH5 HH6 HH7 HH8 HH9
H2 H4 H5 H6 H7 H8 H9
BP-3
MET4 MM7 MM8
LL0 LL1 LL9 LL10 LL12 L13 L14 L15 L16
I1 I2 I3 I4 I5 I6 I7 I8 I9 I10 I11 I12 I15 I16 I17
J1 J2 J3 J4 J5 J6 J7 J8 J14 J15
LY-4

LEGEND		
	PROPOSED CRANE WALK ROADS	27.5 MILES
	PROPOSED CRANE WALK ROADS ALTERNATE	2.1 MILES
	PROPOSED 16' WIDE ACCESS ROADS	10.6 MILES
	PROPOSED 16' WIDE ACCESS ROADS ALTERNATE	0.5 MILES
	PROPOSED 12' WIDE ACCESS ROADS	0.2 MILES
	EXISTING ROADS IMPROVED TO CRANE WALK WIDTH	14.7 MILES
	EXISTING ROADS IMPROVED TO CRANE WALK WIDTH ALTERNATE	0.7 MILES
	EXISTING ROADS TO BE USED AND MAINTAINED	73.2 MILES
	EXISTING ROADS TO BE USED AND MAINTAINED ALTERNATE	1.1 MILES
	EXISTING PAVED ROADS TO BE MAINTAINED	3.3 MILES
	EXISTING ROADS FOR CONSTRUCTION ACCESS	92.1 MILES
	EXISTING ROADS NOT IN PROJECT	
	EXISTING RAILROAD	

5000 0 5000 10000 15000
FEET
Scale: 1" = 5000'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 crane walk plan CW-1.dwg
DATE/TIME: 7/8/2015 7:02:54 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
7			
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1			

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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131 Calkins Road, Rochester, NY 14623
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
ACCESS ROAD MAINTENANCE PLAN 1

DRAWING NO.
CW-1

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 crane walk plan CW-1.dwg
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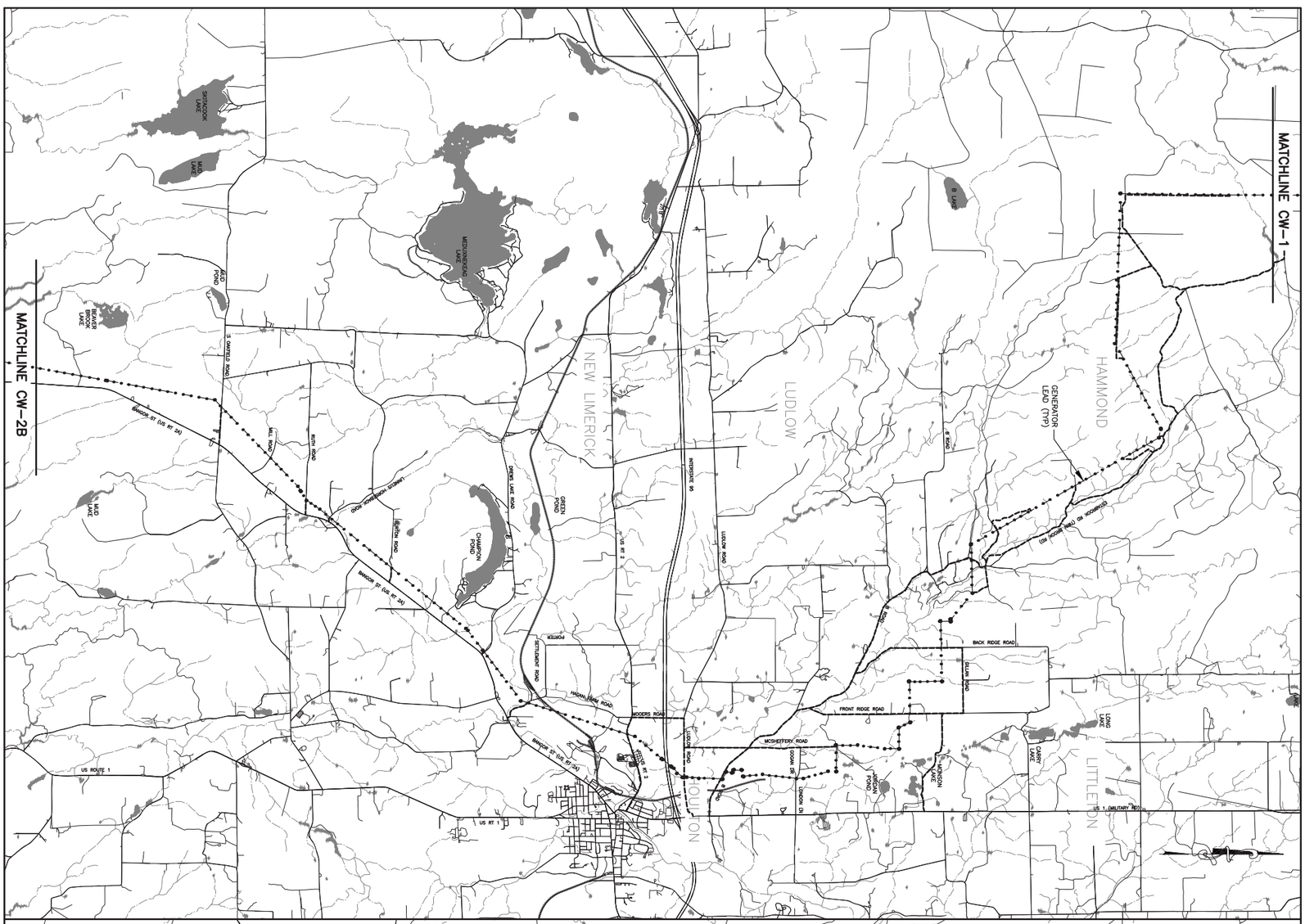
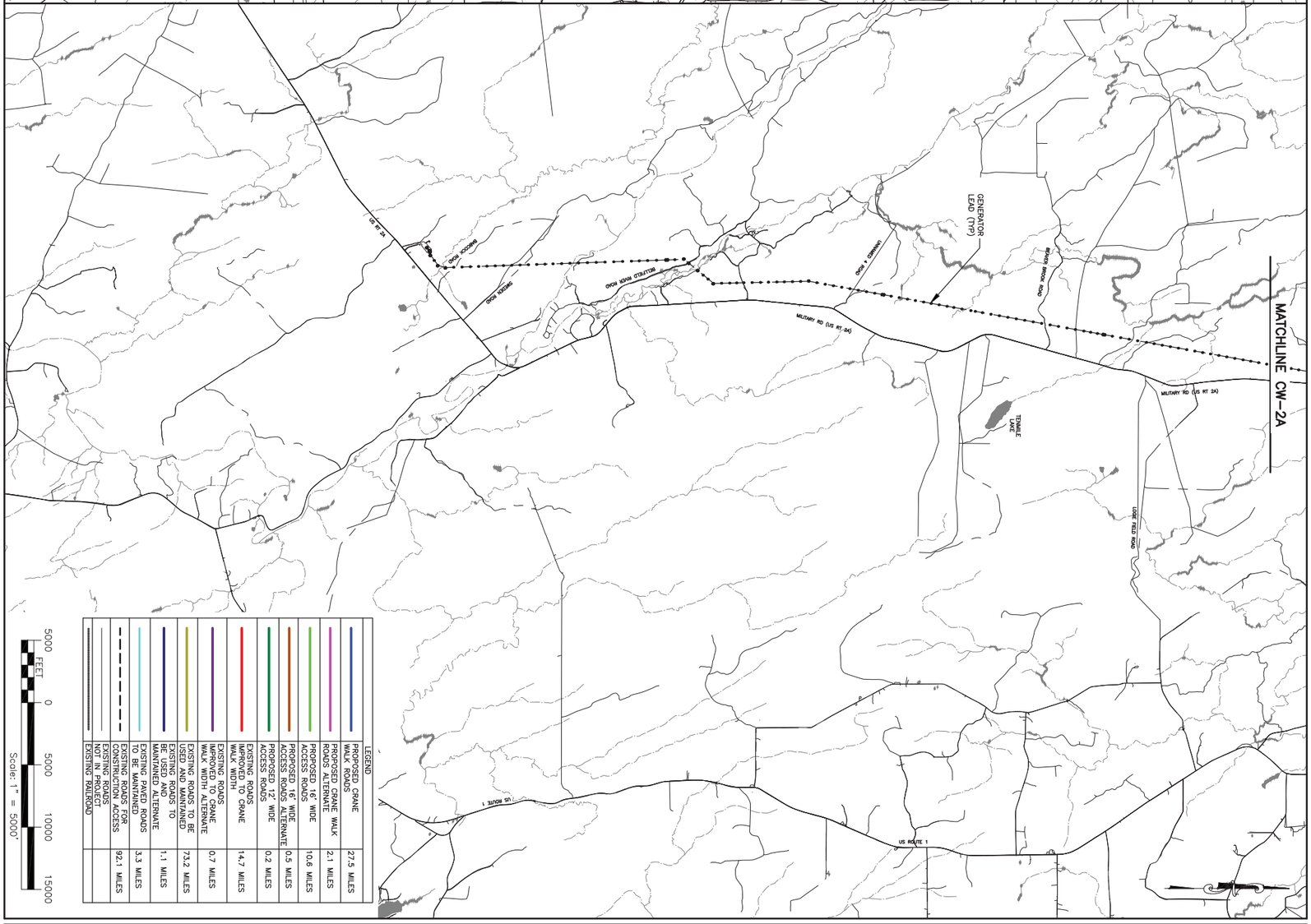
USER: Steven Mellott

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GENERATOR LEAD (TYP)
MILITARY RD (US RT 2A)
TRAFTON ROAD
EXISTING MAIN STATION
EXISTING ROAD
TRAFTON ROAD
TRAFTON ROAD
TRAFTON

NUMBER NINE CULVERT SUMMARY

Culvert ID	Road/Site ID	Drainage Area (ac)	Drainage Area (sq mi)	Proposed Culvert Diameter (in)	Proposed Number of Barrels	25-Year Peak Flow (cfs)
8MC-001	8 MILE CUT-OFF RD	38.67	0.06	48	1	69.71
8MC-002	8 MILE CUT-OFF RD	1.89	0.00	18	1	6.32
8MC-X400	8 MILE CUT-OFF RD	17.87	0.03	48	1	22.07
A11-003	ACCESS RD A11	14.95	0.02	30	1	31.06
A11-004	ACCESS RD A11	9.92	0.02	30	1	23.51
A5-001	ACCESS RD A5	6.36	0.01	24	1	15.97
A5-002	ACCESS RD A5	5.51	0.01	24	1	13.81
A9-001	ACCESS RD A9	1.93	0.00	18	1	6.26
B11-001	ACCESS RD B11	5.80	0.01	24	1	15.82
B13-001	ACCESS RD B13	3.92	0.01	24	1	12.60
B14-001	ACCESS RD B14	1.47	0.00	18	1	5.07
B16-001	ACCESS RD B16	4.53	0.01	24	1	13.10
B19-001	ACCESS RD B19	9.44	0.01	24	1	19.29
B19-002	ACCESS RD B19	10.04	0.02	24	1	21.31
B19-003	ACCESS RD B19	3.51	0.01	18	1	9.91
B19-004	ACCESS RD B19	4.37	0.01	12	1	3.61
B22-001	ACCESS RD B22	0.97	0.00	12	1	1.86
B22-002	ACCESS RD B22	0.40	0.00	12	1	1.09
B6-001	ACCESS RD B6	3.12	0.00	18	1	10.59
B6-002	ACCESS RD B6	8.07	0.01	30	1	25.93
B8-001	ACCESS RD B8	2.51	0.00	18	1	7.83
B8-002	ACCESS RD B8	1.56	0.00	18	1	5.40
BA-001	ACCESS RD BA	1.00	0.00	12	1	3.64
BA-002	ACCESS RD BA	3.39	0.01	18	1	10.70
BA-003	ACCESS RD BA	17.02	0.03	36	1	45.09
BA-004	ACCESS RD BA	8.62	0.01	30	1	23.13
BB1-001	ACCESS RD BB1	12.39	0.02	30	1	27.75
BB2-001	ACCESS RD BB2	1.76	0.00	18	1	5.38
BB21-001	ACCESS RD BB21	20.04	0.03	36	1	48.50
BB21-002	ACCESS RD BB21	4.99	0.01	24	1	15.70
BB21-003	ACCESS RD BB21	1.60	0.00	12	1	2.39
BB21-004	ACCESS RD BB21	1.53	0.00	18	1	5.32
BB23-001	ACCESS RD BB23	1.12	0.00	18	1	4.07
BCM-001	BLACK CAT MOUNTAIN	15.36	0.02	24	1	22.25
BR-001	BURNTLAND	2.19	0.00	18	1	6.20
BR-002	BURNTLAND	16.76	0.03	36	1	40.09
BR-003	BURNTLAND	11.96	0.02	30	1	29.90
C11-001	ACCESS RD C11	4.23	0.01	24	1	12.56
C11-002	ACCESS RD C11	2.47	0.00	18	1	7.21
C14-001	ACCESS RD C14	1.77	0.00	12	1	2.51
C14-002	ACCESS RD C14	5.60	0.01	24	1	15.83
C5-001	ACCESS RD C5	1.44	0.00	18	1	4.74
C5-002	ACCESS RD C5	5.11	0.01	24	1	13.60
C5-003	ACCESS RD C5	5.36	0.01	24	1	13.81
CC13-001	ACCESS RD CC13	2.11	0.00	18	1	6.05
CC13-002	ACCESS RD CC13	7.70	0.01	24	1	18.79
CC13-003	ACCESS RD CC13	2.53	0.00	18	1	7.74
CC16-001	ACCESS RD CC16	2.37	0.00	18	1	7.25
CC16-002	ACCESS RD CC16	3.58	0.01	18	1	11.37
CC16-003	ACCESS RD CC16	8.68	0.01	30	1	24.36
CC16-004	ACCESS RD CC16	2.50	0.00	18	1	7.91
CC24-001	ACCESS RD CC24	4.09	0.01	24	1	13.24
CC26-001	ACCESS RD CC26	1.64	0.00	18	1	4.63
CC3-001	ACCESS RD CC3	3.81	0.01	18	1	11.60
CC4-001	ACCESS RD CC4	5.81	0.01	24	1	15.70
CC4-002	ACCESS RD CC4	2.19	0.00	18	1	7.83
CC4-003	ACCESS RD CC4	2.03	0.00	18	1	6.91
CC4-004	ACCESS RD CC4	4.87	0.01	24	1	14.58
CC5-001	ACCESS RD CC5	9.23	0.01	24	1	14.16
CC8-006	ACCESS RD CC8	17.75	0.03	36	1	39.91
CCA-001	ACCESS RD CCA	0.80	0.00	12	1	3.06
CCA-002	ACCESS RD CCA	18.36	0.03	36	1	45.67
CCA-003	ACCESS RD CCA	12.77	0.02	30	1	32.78
CCA-004	ACCESS RD CCA	4.39	0.01	60	1	13.35
CCA-005	ACCESS RD CCA	10.13	0.02	15' Box Culvert	1	26.66
CCA-006	ACCESS RD CCA	40.59	0.06	48	1	82.45
CCA-007	ACCESS RD CCA	10.44	0.02	30	1	28.66
CCA-008	ACCESS RD CCA	11.21	0.02	30	1	30.20
CCB-001	ACCESS RD CCB	5.39	0.01	24	1	16.53
CCB-002	ACCESS RD CCB	0.85	0.00	12	1	3.16

NUMBER NINE CULVERT SUMMARY

Culvert ID	Road/Site ID	Drainage Area (ac)	Drainage Area (sq mi)	Proposed Culvert Diameter (in)	Proposed Number of Barrels	25-Year Peak Flow (cfs)
CCB-003	ACCESS RD CCB	6.58	0.01	24	1	13.21
CCC-001	ACCESS RD CCC	4.12	0.01	18	1	11.70
CCC-002	ACCESS RD CCC	4.54	0.01	24	1	12.69
D20-001	ACCESS RD D20	12.32	0.02	30	1	29.54
D3-001	ACCESS RD D3	0.26	0.00	12	1	0.82
D3-002	ACCESS RD D3	5.95	0.01	24	1	14.41
D3-003	ACCESS RD D3	0.95	0.00	12	1	3.15
D5-001	ACCESS RD D5	36.15	0.06	8' Box Culvert	1	52.74
D6-001	ACCESS RD D6	3.55	0.01	18	1	9.18
D6-002	ACCESS RD D6	0.74	0.00	12	1	1.59
D6-003	ACCESS RD D6	10.06	0.02	30	1	26.39
DA-X547	ACCESS RD DA	45.20	0.07	54	1	85.96
DA-X548	ACCESS RD DA	42.94	0.07	54	1	79.60
DB-001	ACCESS RD DB	1.63	0.00	18	1	5.59
DB-002	ACCESS RD DB	1.95	0.00	18	1	6.65
DB-003	ACCESS RD DB	2.27	0.00	18	1	7.25
DD1-001	ACCESS RD DD1	1.37	0.00	18	1	4.33
DD1-002	ACCESS RD DD1	1.20	0.00	12	1	2.08
DD4-001	ACCESS RD DD4	7.17	0.01	24	1	20.26
DD7-001	ACCESS RD DD7	6.12	0.01	12	1	4.02
DD7-002	ACCESS RD DD7	17.86	0.03	30	1	23.85
DD7-003	ACCESS RD DD7	10.13	0.02	30	1	23.77
DD7-004	ACCESS RD DD7	4.58	0.01	18	1	11.14
DD7-005	ACCESS RD DD7	3.80	0.01	18	1	7.44
DD7-006	ACCESS RD DD7	1.11	0.00	12	1	3.48
DD7-007	ACCESS RD DD7	1.06	0.00	12	1	3.81
DD7-008	ACCESS RD DD7	1.97	0.00	18	1	6.20
DDA-001	ACCESS RD DDA	1.34	0.00	18	1	4.79
E17-001	ACCESS RD E17	0.85	0.00	12	1	3.08
E17-002	ACCESS RD E17	11.66	0.02	30	1	26.03
E2-001	ACCESS RD E2	1.02	0.00	12	1	3.28
E4-001	ACCESS RD E4	1.83	0.00	18	1	4.95
E4-002	ACCESS RD E4	3.57	0.01	18	1	9.99
E4-003	ACCESS RD E4	3.29	0.01	12	1	3.25
EE6-001	ACCESS RD EE6	4.52	0.01	24	1	12.80
EE6-002	ACCESS RD EE6	3.39	0.01	18	1	9.74
GL1-001	ACCESS RD GL1	5.91	0.01	24	1	16.54
GL1-002	ACCESS RD GL1	26.76	0.04	36	1	55.11
GL2-001	ACCESS RD GL2	0.56	0.00	12	1	1.35
GL2-002	ACCESS RD GL2	0.57	0.00	12	1	1.37
GL4-001	ACCESS RD GL4	2.61	0.00	12	1	2.97
H1-001	ACCESS RD H1	0.31	0.00	12	1	0.91
H1-002	ACCESS RD H1	0.66	0.00	12	1	2.57
H2-001	ACCESS RD H2	0.91	0.00	12	1	3.29
H2-002	ACCESS RD H2	11.39	0.02	30	1	25.50
H4-001	ACCESS RD H4	0.66	0.00	12	1	2.20
H4-002	ACCESS RD H4	0.59	0.00	12	1	1.39
H5-001	ACCESS RD H5	3.05	0.00	18	1	7.94
H6-001	ACCESS RD H6	3.73	0.01	18	1	6.43
H6-002	ACCESS RD H6	2.45	0.00	18	1	4.31
H7-001	ACCESS RD H7	0.57	0.00	12	1	2.10
H7-002	ACCESS RD H7	1.40	0.00	18	1	4.78
H9-001	ACCESS RD H9	7.04	0.01	18	1	11.91
H9-X277	ACCESS RD H9	40.82	0.06	48	1	45.67
HH4-001	ACCESS RD HH4	10.48	0.02	30	1	28.29
HH4-002	ACCESS RD HH4	4.18	0.01	24	1	12.66
HH4-003	ACCESS RD HH4	6.68	0.01	24	1	18.71
HH4-004	ACCESS RD HH4	5.99	0.01	24	1	16.17
HM-001	ACCESS RD HM	12.25	0.02	30	1	29.48
HM-002	ACCESS RD HM	5.42	0.01	24	1	13.76
HM-X811	ACCESS RD HM	1052.16	1.64	BRIDGE	1	194.68
I10-001	ACCESS RD I10	7.72	0.01	24	1	20.61
I12-001	ACCESS RD I12	1.59	0.00	18	1	5.42
I3-001	ACCESS RD I3	4.47	0.01	24	1	13.85
I3-002	ACCESS RD I3	1.34	0.00	18	1	4.61
I5-001	ACCESS RD I5	0.56	0.00	12	1	2.16
I5-002	ACCESS RD I5	0.47	0.00	12	1	1.83
I5-003	ACCESS RD I5	7.75	0.01	24	1	19.83
I6-001	ACCESS RD I6	3.52	0.01	18	1	11.14
II11-001	ACCESS RD II11	9.81	0.02	30	1	23.57
II11-002	ACCESS RD II11	6.99	0.01	24	1	18.08

NUMBER NINE CULVERT SUMMARY

Culvert ID	Road/Site ID	Drainage Area (ac)	Drainage Area (sq mi)	Proposed Culvert Diameter (in)	Proposed Number of Barrels	25-Year Peak Flow (cfs)
II11-003	ACCESS RD II11	9.04	0.01	24	1	22.33
II17-001	ACCESS RD II17	34.45	0.05	48	1	63.57
IIA-001	ACCESS RD IIA	9.13	0.01	24	1	22.54
INT10B-1	ACCESS RD INT10B	10.74	0.02	30	1	26.63
J15-001	ACCESS RD J15	1.68	0.00	18	1	5.16
J5-001	ACCESS RD J5	2.64	0.00	18	1	7.40
J6-001	ACCESS RD J6	6.40	0.01	24	1	14.09
J6-002	ACCESS RD J6	1.69	0.00	18	1	5.71
J6-003	ACCESS RD J6	0.47	0.00	12	1	1.93
JC-001	ACCESS RD JC	8.29	0.01	24	1	22.20
JC-002	ACCESS RD JC	5.86	0.01	24	1	16.76
JC-003	ACCESS RD JC	1.25	0.00	18	1	4.41
L13-001	ACCESS RD L13	1.68	0.00	18	1	5.45
L13-002	ACCESS RD L13	9.63	0.02	24	1	20.29
L13-003	ACCESS RD L13	15.07	0.02	24	1	19.80
L13-004	ACCESS RD L13	36.22	0.06	60	1	36.02
LL0-001	ACCESS RD LL0	3.77	0.01	18	1	5.36
LL1-001	ACCESS RD LL1	6.10	0.01	12	1	4.02
LL11-001	ACCESS RD LL11	1.26	0.00	18	1	4.33
LL9-001	ACCESS RD LL9	24.33	0.04	30	1	33.84
LL9-002	ACCESS RD LL9	23.64	0.04	30	1	33.39
M1-001	ACCESS RD M1	29.09	0.05	30	1	25.40
M1-002	ACCESS RD M1	3.42	0.01	18	1	4.25
M1-003	ACCESS RD M1	2.62	0.00	12	1	3.24
M1-004	ACCESS RD M1	4.10	0.01	18	1	11.92
M1-005	ACCESS RD M1	7.88	0.01	24	1	17.75
M1-006	ACCESS RD M1	3.33	0.01	18	1	9.24
M1-007	ACCESS RD M1	25.67	0.04	36	1	45.88
M1-008	ACCESS RD M1	38.46	0.06	48	1	70.98
M1-009	ACCESS RD M1	9.91	0.02	30	1	25.15
M1-009A	ACCESS RD M1	9.91	0.02	30	1	25.15
M1-010	ACCESS RD M1	7.45	0.01	24	1	20.35
M1-011	ACCESS RD M1	9.67	0.02	30	1	26.26
M1-012	ACCESS RD M1	2.05	0.00	18	1	6.99
M1-013	ACCESS RD M1	5.00	0.01	12	1	3.77
M5-001	ACCESS RD M5	3.79	0.01	18	1	11.56
M5-002	ACCESS RD M5	4.73	0.01	24	1	13.46
M6-001	ACCESS RD M6	1.51	0.00	18	1	4.83
M8-001	ACCESS RD M8	5.08	0.01	24	1	13.67
M8-002	ACCESS RD M8	2.35	0.00	18	1	6.88
MET1-001	ACCESS RD MET1	0.83	0.00	12	1	2.51
MET2-001	ACCESS RD MET2	1.08	0.00	12	1	3.83
MET2-002	ACCESS RD MET2	4.56	0.01	18	1	12.00
MET3-001	ACCESS RD MET3	5.02	0.01	24	1	13.40
MM7-001	ACCESS RD MM7	2.42	0.00	18	1	6.96
MM8-001	ACCESS RD MM8	0.56	0.00	12	1	1.71
NNL-X685	ACCESS RD NNL	214.82	0.34	12' Box Culvert	1	166.62
O10-001	ACCESS RD O10	9.68	0.02	24	1	21.03
O10-002	ACCESS RD O10	13.87	0.02	30	1	29.37
O10-003	ACCESS RD O10	6.53	0.01	24	1	18.23
O4-001	ACCESS RD O4	5.21	0.01	24	1	12.44
O4-001	ACCESS RD O4	5.21	0.01	24	1	12.44
O5-001	ACCESS RD O5	1.42	0.00	18	1	4.56
O5-002	ACCESS RD O5	9.41	0.01	30	1	25.22
O5-003	ACCESS RD O5	7.16	0.01	24	1	21.48
O7-001	ACCESS RD O7	1.90	0.00	18	1	6.14
OM-1	ACCESS RD OM	0.98	0.00	12	1	1.87
RT1-001	ACCESS RD RT1	3.11	0.00	12	1	3.18
RT1-002	ACCESS RD RT1	2.12	0.00	12	1	2.71
STC-001	ACCESS RD STC	1.45	0.00	18	1	4.68
SUB-1	ACCESS RD SUB	1.27	0.00	12	1	3.63
WR-001	WARREN	3.86	0.01	18	1	10.04

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 drainage table.dwg
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USER: Steven Mellott

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

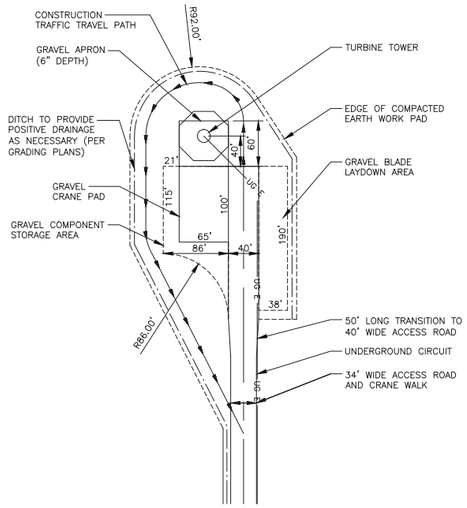
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Gamble Road, 305.224.1375, NY 10923

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

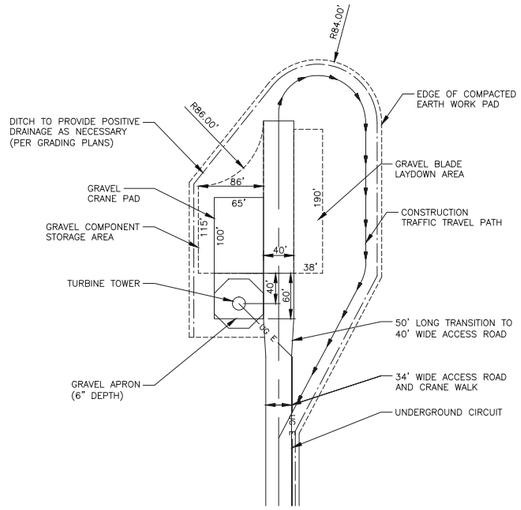
TITLE OF DRAWING
DRAINAGE TABLE

DRAWING NO.
DT-1



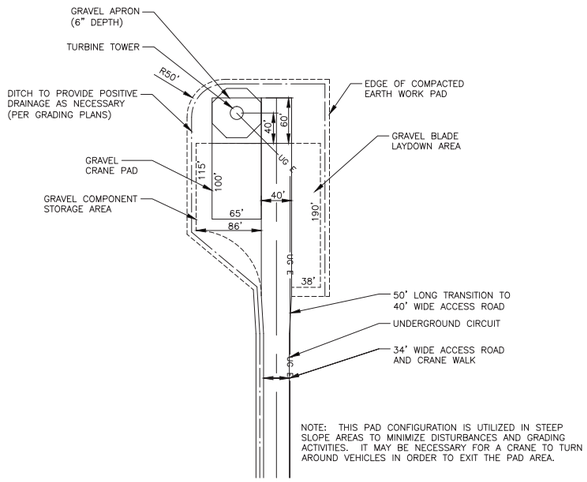
END OF ROAD SITE LAYOUT TYPE "A"

NOT TO SCALE



END OF ROAD SITE LAYOUT TYPE "B"

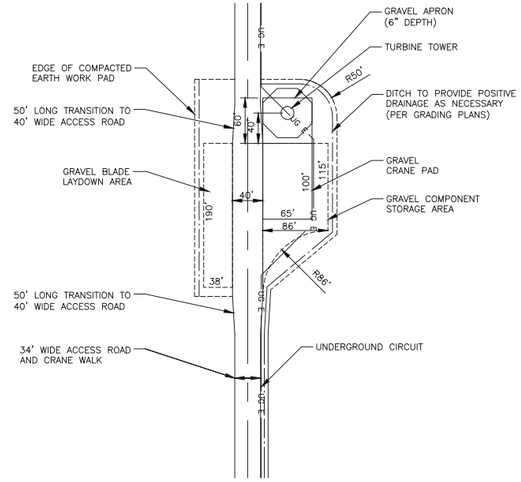
NOT TO SCALE



NOTE: THIS PAD CONFIGURATION IS UTILIZED IN STEEP SLOPE AREAS TO MINIMIZE DISTURBANCES AND GRADING ACTIVITIES. IT MAY BE NECESSARY FOR A CRANE TO TURN AROUND VEHICLES IN ORDER TO EXIT THE PAD AREA.

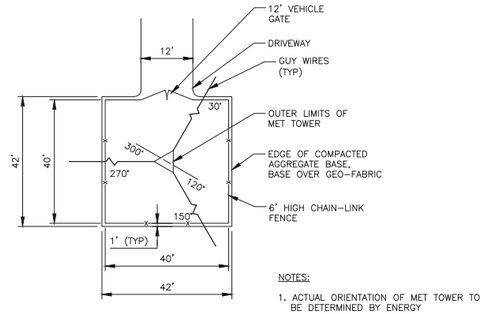
END OF ROAD SITE LAYOUT TYPE "C"

NOT TO SCALE



INTERMEDIATE SITE LAYOUT TYPE "D"

NOT TO SCALE



NOTES:

1. ACTUAL ORIENTATION OF MET TOWER TO BE DETERMINED BY ENERGY ASSESSMENT.

PERMANENT MET TOWER PAD DETAIL

NOT TO SCALE

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
SM/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585.334.1310

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
DETAILS - 1

DRAWING NO.

DET-1

SHEET 10 OF 338

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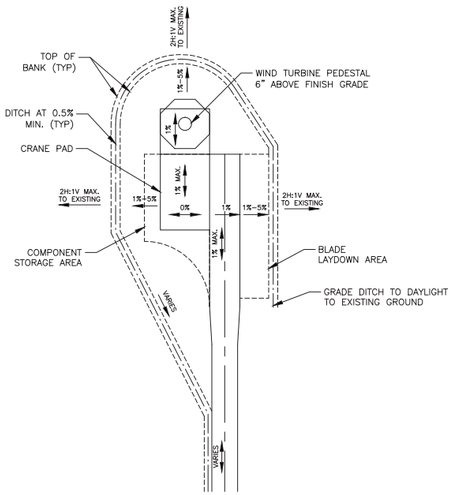
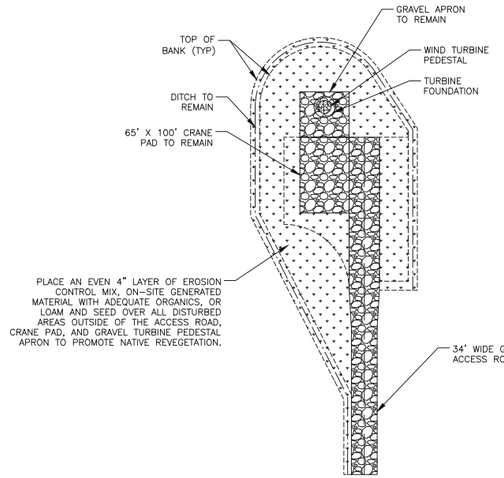
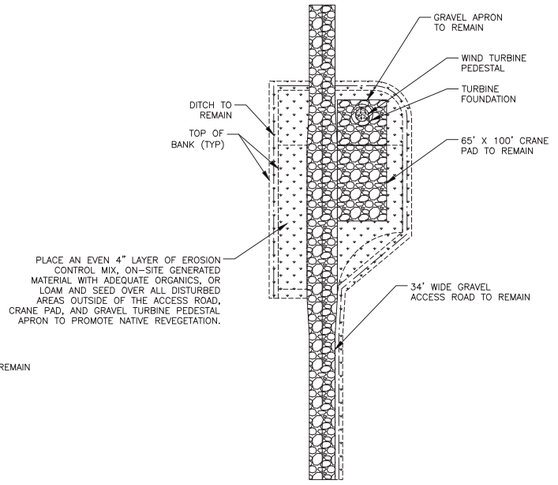


TYPICAL WTG PAD GRADING

NOT TO SCALE

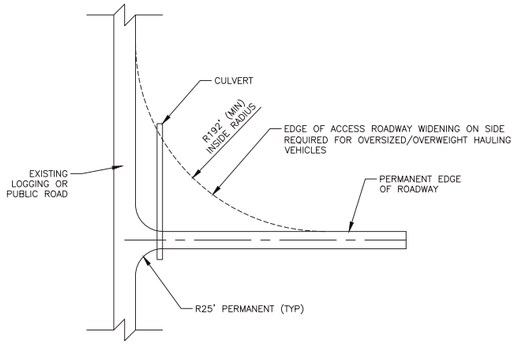




NOTES:
1. IN PHOSPHORUS LIMITS WATERSHEDS, 34' WIDE ACCESS ROADS SHALL BE REDUCED TO 16' WIDE AND THE REMAINING AREAS SHALL BE REVEGETATED.
2. IN SIGNIFICANT VERNAL POOL BUFFER AREAS, THE 34' WIDE ACCESS ROADS SHALL BE REDUCED TO 16' WIDE AND THE REMAINING AREAS SHALL BE REVEGETATED.

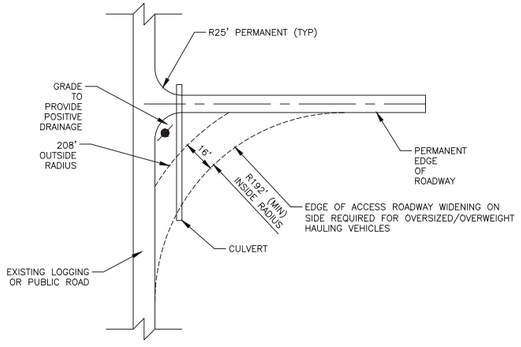
POST CONSTRUCTION WTG PAD RESTORATION WITHIN PHOSPHORUS LIMITS WATERSHEDS

NOT TO SCALE



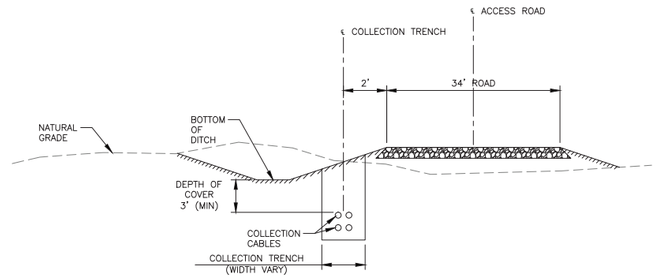
INTERSECTION IMPROVEMENT A

NOT TO SCALE

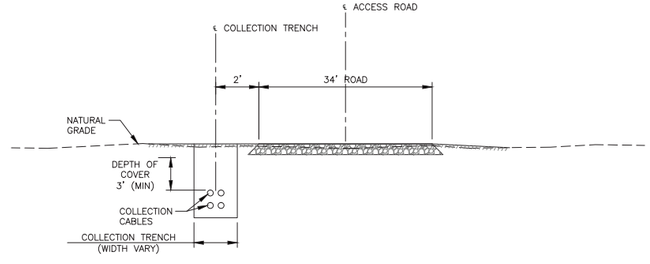


INTERSECTION IMPROVEMENT B

NOT TO SCALE



ACCESS ROAD WITH DITCH



ACCESS ROAD WITHOUT DITCH

COLLECTION CABLE INSTALLATION DETAIL ADJACENT TO ACCESS ROAD

NOT TO SCALE

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
SM/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585.334.1310

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
DETAILS - 2

DRAWING NO.
DET-2

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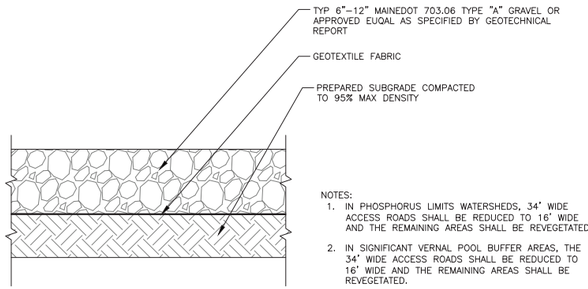
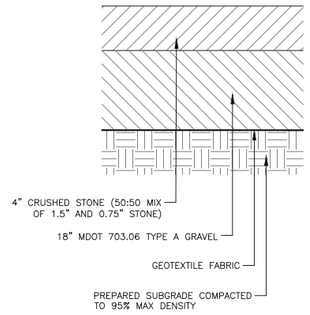
USER: Steven Mellott



NOTES:
1. IN PHOSPHORUS LIMITS WATERSHEDS, 34' WIDE ACCESS ROADS SHALL BE REDUCED TO 16' WIDE AND THE REMAINING AREAS SHALL BE REVEGETATED.
2. IN SIGNIFICANT VERNAL POOL BUFFER AREAS, THE 34' WIDE ACCESS ROADS SHALL BE REDUCED TO 16' WIDE AND THE REMAINING AREAS SHALL BE REVEGETATED.

TYPICAL SITE LAYDOWN CONSTRUCTION DETAIL

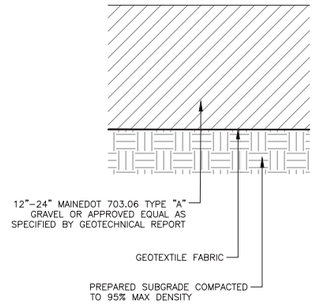
NOT TO SCALE



SUBSTATION CROSS SECTION

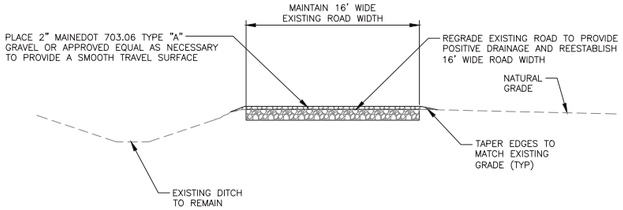
NOT TO SCALE

NOTES:
1. ACTUAL LOCATIONS OF CRANE PADS SHALL BE DETERMINED IN THE FIELD.
2. CRANE PADS SHALL BE GRADED WITH NO CROSS SLOPE.



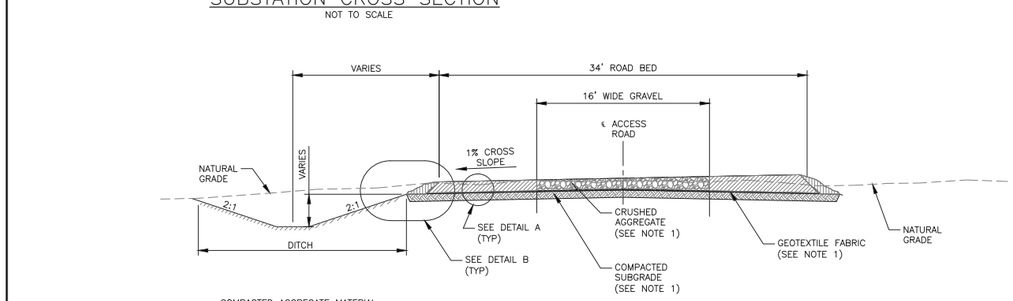
CRANE PAD CROSS SECTION

NOT TO SCALE

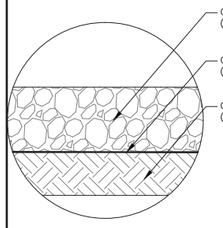


EXISTING ROAD MAINTENANCE DETAIL

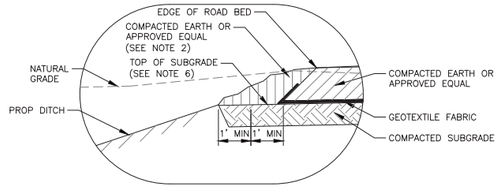
NOT TO SCALE



NOTES:
1. THICKNESS OF ACCESS ROADWAY, GEOTEXTILE FABRIC, AND COMPACTED SUBGRADE SHALL BE BASED ON GEOTECHNICAL RECOMMENDATION.
2. ADDITIONAL AGGREGATE IS INSTALLED ALONG THE EDGE OF ROAD BED AS SHOWN.



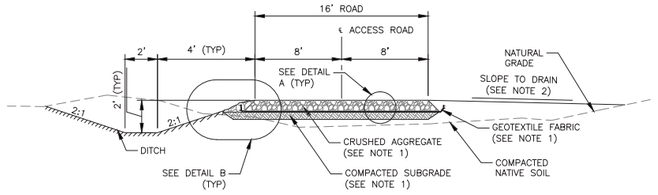
DETAIL A



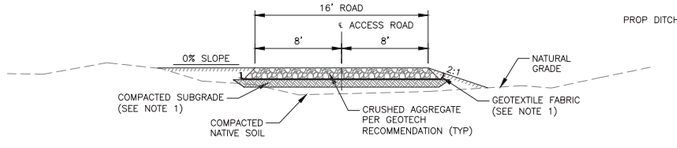
DETAIL B

ACCESS ROAD CROSS SECTION DETAIL: 34–FT WIDE ACCESS ROAD WITH CRANE PATH

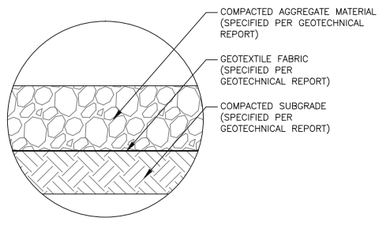
NOT TO SCALE



ACCESS ROAD W / DITCH



ACCESS ROAD W/O DITCH



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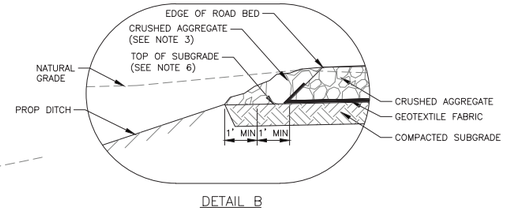

DETAIL B

NOTES:
1. THICKNESS OF ACCESS ROADWAY, GEOTEXTILE FABRIC, AND COMPACTED SUBGRADE SHALL BE BASED ON GEOTECHNICAL RECOMMENDATION.
2. LIMITS OF CROSS SLOPES SHALL BE:
   0% – 2% MAX FOR ACCESS ROAD DURING CONSTRUCTION
   0% – 2% MAX FOR NON–DITCH SECTION
   2% – 4% MAX FOR ACCESS ROAD AFTER CONSTRUCTION
3. ADDITIONAL AGGREGATE IS INSTALLED ALONG THE EDGE OF ROAD BED AS SHOWN.
4. WIDTH OF ACCESS ROADWAY EASEMENT SHALL VARY BASED ON LEASE AGREEMENT WITH LAND OWNER.

ACCESS ROAD CROSS SECTION DETAIL: 16–FT WIDE ACCESS ROAD WITHOUT CRANE PATH

NOT TO SCALE

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If an item bearing the seal of an engineering land surveyor or architect, shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT

DRAWN BY:
SM/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
130 Cabot Street, Suite 3 Bangor, ME 04401
Phone: 207-947-4501 Fax: 207-947-4503

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
DETAILS - 3

DRAWING NO.
DET-3

SHEET 12 OF 338

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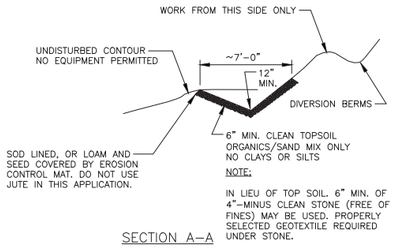
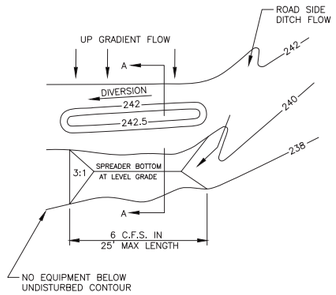
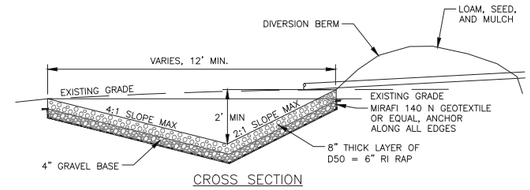


SECTION A–A



ROAD DITCH TURN OUT LEVEL SPREADER

NOT TO SCALE



CROSS SECTION

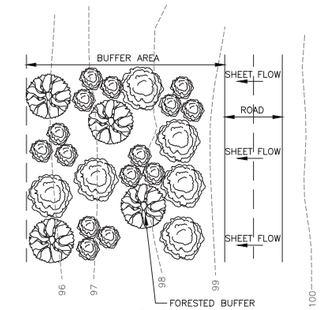
NOTE: SEE GRADING PLAN FOR LENGTH

LEVEL SPREADER NOTES:

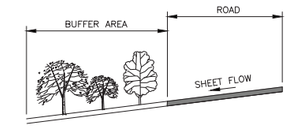
1. ALL LEVEL SPREADERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION.
2. ALL LEVEL SPREADERS SHALL BE CONSTRUCTED IN A CUT SECTION, I.E. THERE SHALL BE NO EARTH FILL ALONG DOWNSTREAM EDGE.
3. ALL LEVEL SPREADERS SHALL BE ALIGNED PARALLEL TO THE EXISTING CONTOURS.
4. THE ENTRANCE DITCH TO THE LEVEL SPREADER SHALL HAVE A MAXIMUM GRADE OF 1.0% FOR AT LEAST 50 FEET IMMEDIATELY PRIOR TO ENTERING THE SPREADER.
5. THE LEVEL SPREADER SHALL HAVE A LONGITUDINAL GRADE OF 0.0%.

TYPICAL LEVEL SPREADER DETAIL

NOT TO SCALE



PLAN



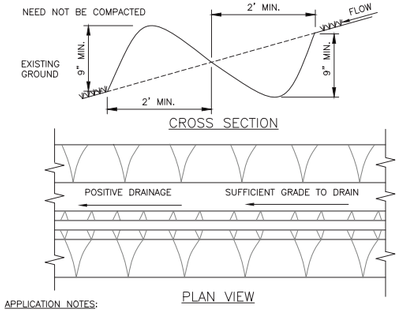
SECTION

NOTES:

1. ROAD MUST BE GENERALLY PARALLEL TO THE CONTOURS OF THE SLOPE.
2. ONLY RUNOFF FROM ADJACENT ROAD SURFACE AND SHOULDERS WILL BE DIRECTED TO BUFFER.
3. BUFFER SLOPES NOT ALLOWED IN EXCESS OF 20%.
4. RUNOFF MUST ENTER BUFFER AS SHEET FLOW.
5. IF BUFFER IS USED TO TRAP SEDIMENT DURING CONSTRUCTION, SEDIMENT MUST BE REMOVED AND ORIGINAL TOPOGRAPHY, GROUND COVER AND VEGETATION IS TO BE REESTABLISHED. PROTECT BUFFER STRIP WITH WOOD WASTE BERM SEDIMENTATION BARRIERS OF SILT FENCE DURING THE CONSTRUCTION PROCESS.

ROADSIDE BUFFER DETAIL

NOT TO SCALE



CROSS SECTION

PLAN VIEW

APPLICATION NOTES:

1. PERIMETER DIKE/SWALE SHALL BE USED IN SMALL AREAS (LESS THAN 2 ACRES) TO PREVENT SEDIMENT LADEN WATER FROM LEAVING THE CONSTRUCTION SITE.
2. MINIMUM HEIGHT SHALL BE 18" FROM BOTTOM OF SWALE TO TOP OF DIKE EVENLY DIVIDED BETWEEN DIKE HEIGHT AND SWALE DEPTH.
3. MINIMUM BOTTOM WIDTH OF DIKE SHALL BE 2'
4. MINIMUM WIDTH OF SWALE SHALL BE 2'

CONSTRUCTION SPECIFICATIONS:

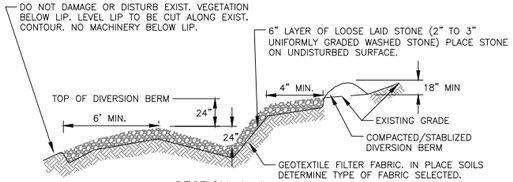
1. ALL PERIMETER DIKE/SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSION VELOCITY.
4. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE STANDARD.
5. STABILIZATION OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE DONE IN ACCORDANCE WITH THE STANDARD AND SPECIFICATIONS FOR TEMPORARY SEEDING AND MULCHING, AND SHALL BE DONE WITHIN 10 DAYS.

MAINTENANCE NOTES:

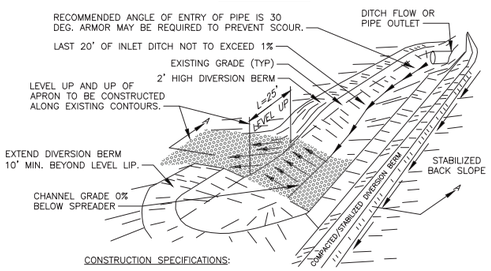
1. INSPECT DIKE/SWALE ONCE A WEEK AND AFTER RAINFALLS.
2. MAINTENANCE SHALL BE PERFORMED AS NEEDED, REMOVE SEDIMENT FROM SWALE WHEN IT REACHES A DEPTH OF 6" AND ADD ADDITIONAL FILL TO TOP OF DIKE IF SETTLEMENT CAUSES DIKE HEIGHT TO REACH 9" OR LESS.
3. UPON STABILIZATION OF THE SITE, REMOVE THE DIKE SWALE AND SEED AND MULCH THE AREAS WHERE THE DIKE/SWALE HAD BEEN LOCATED.

PERIMETER DIKE/SWALE DETAIL

NOT TO SCALE



SECTION A–A

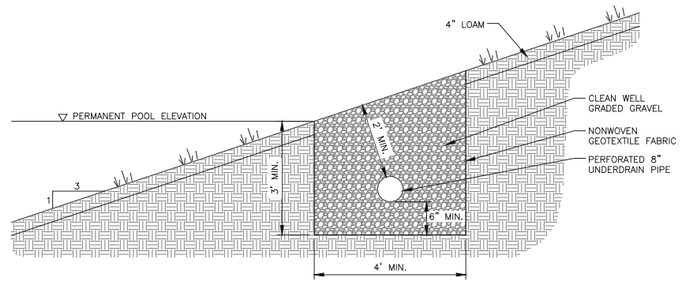


CONSTRUCTION SPECIFICATIONS:

1. SPREADERS SHALL BE INSTALLED WITH A LEVEL INSTRUMENT. CONSTRUCT LEVEL UP TO 0% GRADE TO ENSURE UNIFORM SHEET FLOW. LEVEL SPREADER SHALL BE CONSTRUCTED ON UNDISTURBED SOIL (NOT FILL).
2. SELECT GEOTEXTILE FABRIC BASED ON UNDISTURBED SOILS (SANDS, SILTS, CLAYS, ETC.)
3. PLACE 6" LAYER OF UNIFORMLY GRADED STONE 2" TO 3" IN DIA., RAKE TO FORM SMOOTH UNIFORM SURFACE. DO NOT FILL VOIDS IN STONE.
4. THE INLET DITCH SHALL NOT EXCEED A 1% GRADE FOR AT LEAST 20 FEET BEFORE ENTERING THE SPREADER.
5. STORM RUN-OFF CONVERTED TO SHEET FLOW ACROSS OUTLET APRON SHALL FLOW ONTO STABILIZED AREAS. RUN-OFF SHALL NOT BE RECONCENTRATED IMMEDIATELY BELOW THE POINT OF DISCHARGE.
6. PERIODIC INSPECTION AND REQUIRED MAINTENANCE SHALL BE PROVIDED.
7. CONSTRUCTION OF LEVEL UP SPREADER SHALL BE FROM UPHILL SIDE ONLY. LEVEL UP & AREA BELOW SPREADER SHALL BE AT EXISTING GRADES & UNDISTURBED BY EARTHWORK OR EQUIPMENT.
8. CONSTRUCT SPREADER WITH UP AT EXISTING ELEVATION AS SPECIFIED.
9. DOWN GRADIENT RECEIVING AREA MUST BE NATURALLY WELL VEGETATED.
10. DISCHARGE NOT PERMITTED WITHIN 25' OF A STREAM OR WETLAND. CONSULT DEP IF STRUCTURE MUST BE WITHIN 75' OF STREAM OR WATER BODY.

STONE BERMED LEVEL SPREADER

NOT TO SCALE



WET POND UNDERDRAIN GRAVEL FILTER DETAIL

NOT TO SCALE

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2			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
SM/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Gamble Road, Augusta, ME 04330
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
DETAILS - 4

DRAWING NO.
DET-4

SHEET 13 OF 338

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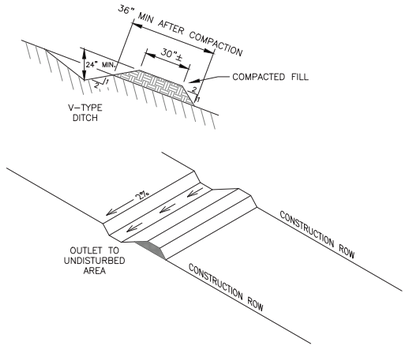


SPACING	
SLOPE	DISTANCE
10%	80 FEET
15%	60 FEET
20%	45 FEET

APPLICATION NOTES:

1. THE PRIMARY PURPOSE OF SLOPE BREAKERS IS TO LIMIT THE ACCUMULATION OF EROSIVE VELOCITY OF WATER BY DIVERTING SURFACE RUNOFF AT PRE-DESIGNED INTERVALS.
2. SLOPE BREAKERS SHALL BE PLACED ALONG LONG NARROW SLOPING AREAS THAT ARE LESS THAN 100-FT IN WIDTH AND SHALL BE SPACED IN ACCORDANCE WITH THE CHART SHOWN ABOVE.

CONSTRUCTION SPECIFICATIONS:

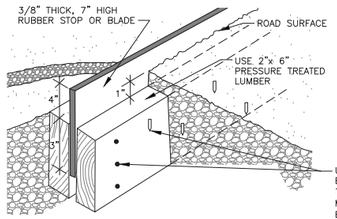
1. DISK OR STRIP THE SOD FROM THE BASE FOR THE CONSTRUCTED RIDGE BEFORE PLACING FILL.
2. TRACK THE RIDGE TO COMPACT IT TO THE DESIGN CROSS SECTION.
3. THE OUTLET SHALL BE LOCATED ON AN UNDISTURBED AREA. FIELD SPACING WILL BE ADJUSTED TO USE THE MOST STABLE OUTLET AREAS. OUTLET PROTECTION WILL BE PROVIDED WHEN NATURAL AREAS ARE NOT ADEQUATE.

MAINTENANCE NOTES:

1. PERIODICALLY INSPECT WATER BARS FOR EROSION DAMAGE AND SEDIMENT. CHECK OUTLET AREAS AND MAKE REPAIRS AS NEEDED TO RESTORE OPERATION.

SLOPE BREAKER DETAIL

NOT TO SCALE



SPACING	
SLOPE	DISTANCE
10%	80 FEET
15%	60 FEET
20%	45 FEET

APPLICATION NOTES:

1. THE PRIMARY PURPOSE OF RUBBER BARS IS TO LIMIT THE ACCUMULATION OF EROSIVE VELOCITY OF WATER BY DIVERTING SURFACE RUNOFF AT PRE-DESIGNED INTERVALS.
2. RUBBER BARS SHALL BE PLACED ALONG LONG NARROW SLOPING AREAS THAT ARE LESS THAN 100-FT IN WIDTH AND SHALL BE SPACED IN ACCORDANCE WITH THE CHART SHOWN ABOVE.

CONSTRUCTION SPECIFICATIONS:

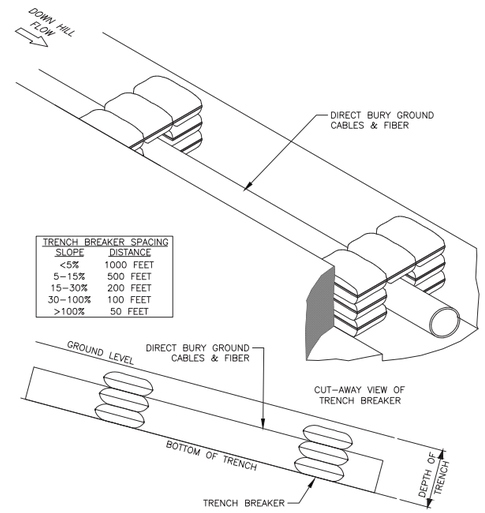
1. DISK OR STRIP THE SOD FROM THE BASE FOR THE CONSTRUCTED RIDGE BEFORE PLACING FILL.
2. TRACK THE RIDGE TO COMPACT IT TO THE DESIGN CROSS SECTION.
3. THE OUTLET SHALL BE LOCATED ON AN UNDISTURBED AREA. FIELD SPACING WILL BE ADJUSTED TO USE THE MOST STABLE OUTLET AREAS. OUTLET PROTECTION WILL BE PROVIDED WHEN NATURAL AREAS ARE NOT ADEQUATE.

MAINTENANCE NOTES:

1. PERIODICALLY INSPECT RUBBER BARS FOR EROSION DAMAGE AND SEDIMENT. CHECK OUTLET AREAS AND MAKE REPAIRS AS NEEDED TO RESTORE OPERATION.

RUBBER BAR DETAIL

NOT TO SCALE



TRENCH BREAKER SPACING	
SLOPE	DISTANCE
<5%	1000 FEET
5-15%	500 FEET
15-30%	200 FEET
30-100%	100 FEET
>100%	50 FEET

APPLICATION NOTES:

1. THE PRIMARY PURPOSE OF TRENCH BREAKERS IS TO REDUCE THE POTENTIAL FOR EROSION AND SCOUR WITHIN AN OPEN UTILITY TRENCH WHERE THE LONGITUDINAL SLOPE OF THE TRENCH IS STEEPER THAN 5 PERCENT.
2. TRENCH BREAKERS SHALL BE SPACED IN ACCORDANCE WITH THE CHART SHOWN ABOVE.

CONSTRUCTION SPECIFICATIONS:

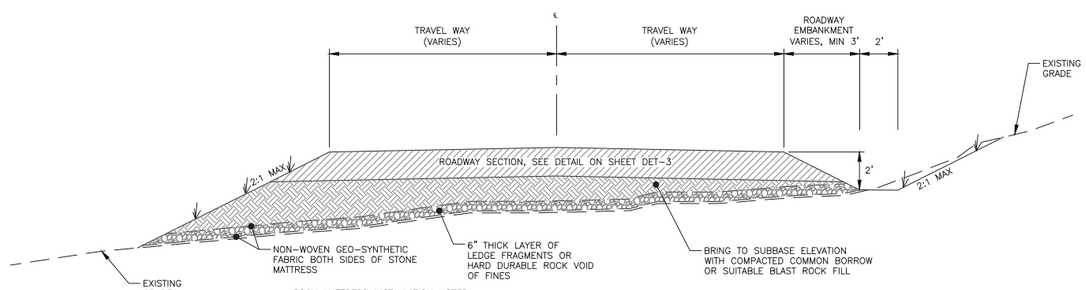
1. FILTER FABRIC GEOTEXTILE SHALL BE A SINGLE CONTINUOUS PIECE TO ELIMINATE JOINTS. FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
2. FILL MATERIALS WITHIN THE BAGS SHALL BE SAND OR SOIL (WITHOUT ROCKS) OR FUNCTIONAL EQUIVALENT. DO NOT USE TOPSOIL TO FILL BAGS.
3. TRENCH BREAKERS SHALL EXTEND A MINIMUM OF 6-IN. ABOVE THE TOP OF THE CABLES.

MAINTENANCE NOTES:

1. THE BARRIER SHALL BE INSPECTED AFTER EACH RAIN EVENT AND REPAIRS MADE WHERE NEEDED.
2. REMOVE SEDIMENT AS NECESSARY TO PROVIDE FOR ACCURATE STORAGE VOLUME FOR SUBSEQUENT RAINS.
3. UPON STABILIZATION OF SURROUNDING AREA, REMOVE ALL MATERIALS AND ANY UNSUITABLE SOIL AND DISPOSE OF PROPERLY.

TRENCH BREAKER DETAIL

NOT TO SCALE



ROCK MATTRESS INSTALLATION NOTES

1. ROCK MATTRESS TO BE USED AS APPROPRIATE IN AREAS WHERE SIGNIFICANT UNANTICIPATED GROUNDWATER SEEPS ARE ENCOUNTERED DURING CONSTRUCTION.

ROCK MATTRESS DETAIL

NOT TO SCALE

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT

DRAWN BY:
SM/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Gamma Drive 585.334.1310 Pittsford, NY 14623

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
DETAILS - 5

DRAWING NO.
DET-5

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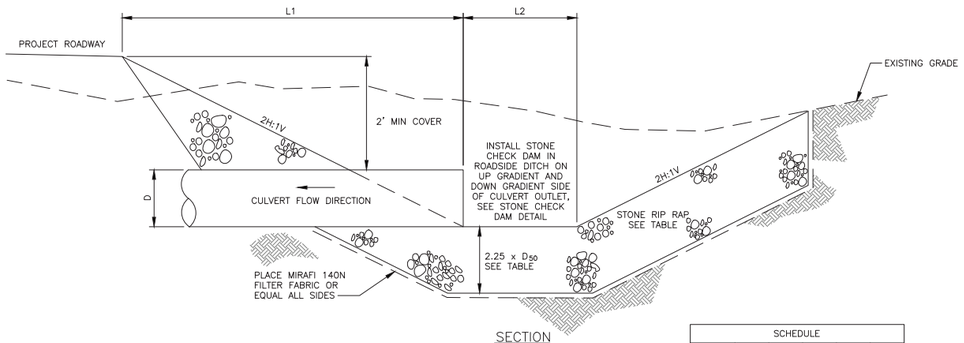
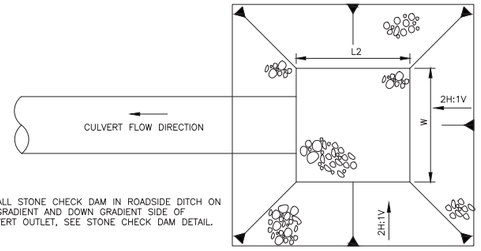


SECTION



NOTES:

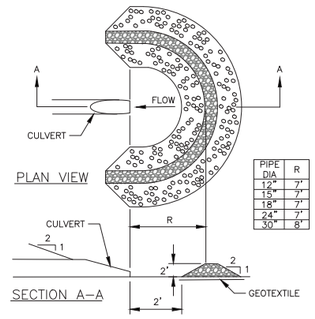
1. INSTALL STONE CHECK DAM IN ROADSIDE DITCH ON UP GRADIENT AND DOWN GRADIENT SIDE OF CULVERT OUTLET, SEE STONE CHECK DAM DETAIL.

PLAN

SCHEDULE					
CULVERT DIA.	L1	L2	W	STONE D50	2.25 x D50
12"	6'	2'	2'	6"	14"
15"	6.5'	4'	4'	6"	14"
18"	7'	4'	4'	6"	14"
24"	8'	8'	8'	6"	14"
36"	10'	8'	8'	12"	27"

CULVERT INLET PROTECTION

NOT TO SCALE



PIPE DIA	R
12"	7'
15"	7'
18"	7'
24"	7'
30"	8'

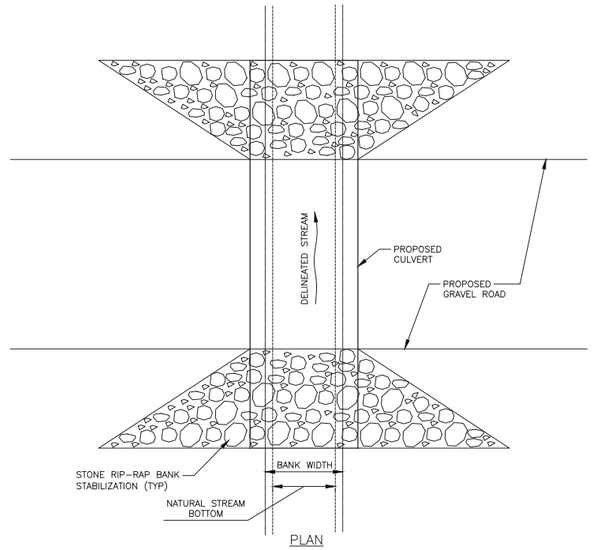
SECTION A–A

NOTES:

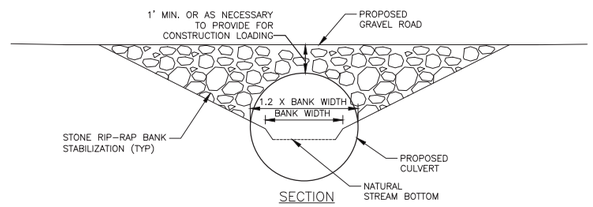
1. USE 2" TO 3" STONE.
2. PLACE STONE OVER GEOTEXTILE
3. ONCE THE AREAS UPSTREAM FROM THE CHECK DAM ARE STABILIZED BY VEGETATION, THE SEDIMENT TRAPPED BEHIND/WITHIN THE DAM SHALL BE RELOCATED TO AN AREA UNDERGOING FINAL GRADING.
4. THE CHECK DAMS SHALL BE FLATTENED AND GRADED IN A MANNER WHICH PROTECTS THE AREA FROM EROSION AND CHANNEL BLOCKAGE. (GEOTEXTILE MUST BE REMOVED).
5. THE GEOTEXTILE SHALL BE DISPOSED OF OFFSITE.
6. THE AREA CONTRIBUTING TO THE CHECK DAM SHALL NOT EXCEED 10 ACRES.

TEMPORARY CHECK DAM AT CULVERT ENTRANCE

NOT TO SCALE



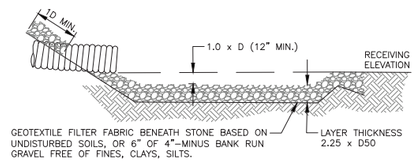
PLAN



SECTION

PERMANENT CULVERT STREAM CROSSING

NOT TO SCALE



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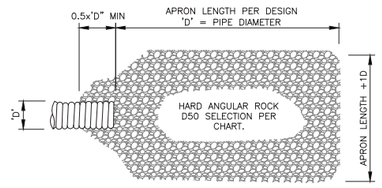


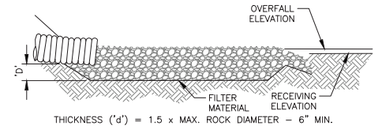
PLAN

NOTES:

1. CONSULT WITH IF&W IF FISH PASSAGE WILL BE INHIBITED DURING LOW FLOWS.
2. REFER TO DESIGN NOTES AND LIMITATIONS IN TEXT ON PIPE OUTLET PROTECTION.
3. IN DEFINED CHANNELS, APRON SHALL EXTEND FULL WIDTH OF BOTTOM AND ONE FOOT ABOVE MAX. TAILWATER OR UP TO BANK FULL, WHICHEVER IS LESS.

CULVERT OUTLET PROTECTION

NOT TO SCALE



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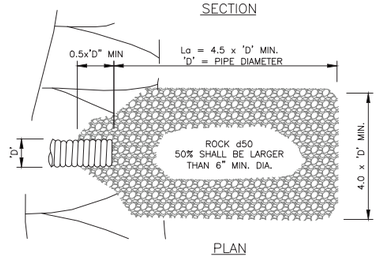


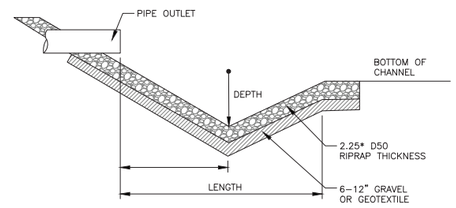
PLAN

NOTES:

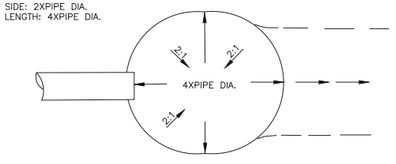
1. 'La' = LENGTH OR APRON. DISTANCE 'La' SHALL BE OF SUFFICIENT LENGTH TO DISSIPATE ENERGY.
2. APRON SHALL BE SET AT A ZERO GRADE AND ALIGNED STRAIGHT.
3. FILTER MATERIAL SHALL BE FILTER FABRIC OR 6" THICK MINIMUM GRADED GRAVEL LAYER.

CULVERT OUTLET ENERGY DISSIPATER

NOT TO SCALE



PLUNGE POOL
DEPTH: 1XPIPE DIA.
SIDE: 2XPIPE DIA.
LENGTH: 4XPIPE DIA.



OUTLET PLUNGE POOL

NOT TO SCALE

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FA PROJECT NO.
140009
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S. MELLOTT

DRAWN BY:
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ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM
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DETAILS - 6

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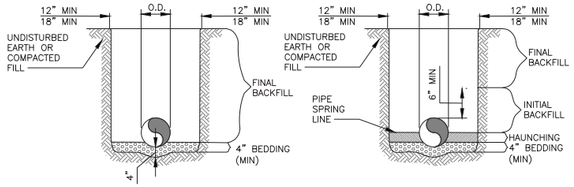


RIGID PIPE FLEXIBLE PIPE

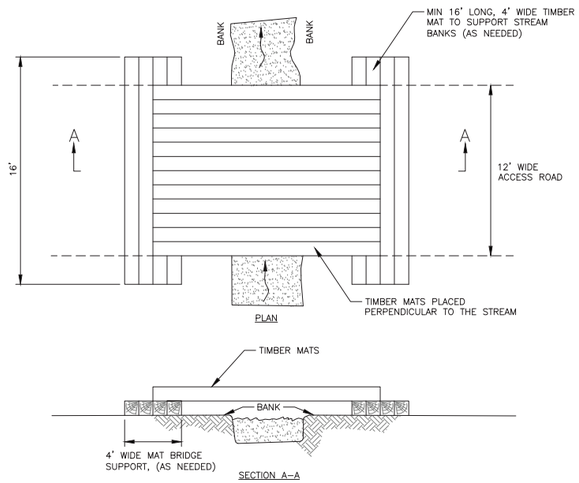
GENERAL NOTES:

*AASHTO SOIL CLASSIFICATIONS USED

1. BEDDING SHALL BE CLASS 1–A WORKED BY HAND. IF GROUNDWATER IS ANTICIPATED, THEN BEDDING SHALL BE CLASS 1–B COMPACTED TO 85% STANDARD PROCTOR. (SEE SPECIFICATIONS FOR GRADATION)
2. HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS 1–A OR CLASS 1–B OR CLASS II COMPACTED TO 85% PROCTOR.
3. INITIAL BACKFILL SHALL BE CLASS 1–A WORKED BY HAND, OR CLASS 1–B OR CLASS II COMPACTED TO 85% STANDARD PROCTOR.
4. FINAL BACKFILL SHALL BE CLASS I, II OR III COMPACTED AS NOTED IN NOTE 3. FINAL COVER OVER PIPE SHALL BE MIN. 24".
5. ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321–LATEST EDITION.
6. ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698. CLASS III AND IV–A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT,
7. FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
8. ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES. (SEE SPECIFICATIONS)

CULVERT TRENCH DETAIL

NOT TO SCALE

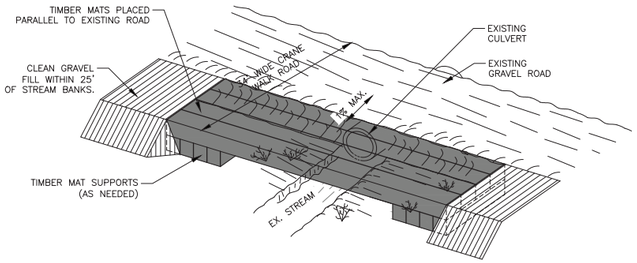


NOTES:

1. DEPLOY EROSION CONTROLS AS NEEDED TO MINIMIZE EROSION.
2. PERFORM ROUTINE INSPECTION TO INCLUDE REMOVAL OF LOOSE SOIL TRACKED ONTO BRIDGE BY EQUIPMENT AND INSPECTION OF STREAM BANKS FOR STABILITY.
3. MATS SHALL BE POSITIONED TO MAINTAIN THE NATURAL STREAM CHARACTERISTICS.
4. MATS LAID PERPENDICULAR TO THE STREAM CAN BE SUBSTITUTED WITH PRE–FABRICATED BRIDGE STRUCTURES AS SPAN LENGTHS DICTATE OR AT THE PREFERENCE OF THE CONTRACTOR.
5. A MINIMUM BRIDGE WIDTH OF 16' SHALL BE USED.
6. BRIDGES USED FOR MULTIPLE CROSSINGS AND LONG TERM USE SHALL BE INSTALLED WITH FABRIC, SECONDARY DECKING, AND SIDE BOARDS.

TYPICAL "MAT" BRIDGE FOR TEMPORARY STREAM CROSSING

NOT TO SCALE

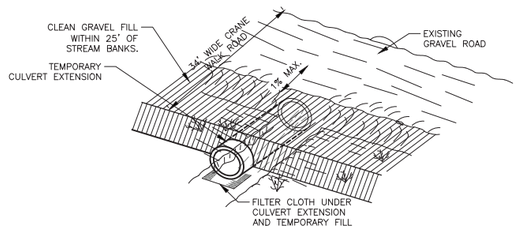


NOTES:

1. MATS SHALL BE POSITIONED TO MAINTAIN THE NATURAL STREAM CHARACTERISTICS.
2. TEMPORARY TIMBER MATS SHALL BE INSTALLED NO SOONER THAN 4 WEEKS PRIOR TO THE CRANE CROSSING AND SHALL BE REMOVED WITHIN 5 MONTHS AFTER THE CROSSING.
3. IN AREAS THAT HAVE LESS THAN 1' OF COVER OVER THE EXISTING CULVERT, A STEEL PLATE MAY BE UTILIZED IN CONJUNCTION WITH THE TEMPORARY TIMBER MATS TO SPAN THE EXISTING CULVERT AND PROVIDE FOR CONSTRUCTION LOADING.

TEMPORARY CRANE MAT STREAM CROSSING

NOT TO SCALE

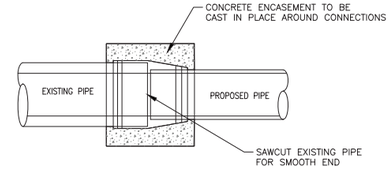


NOTES:

1. EXISTING CULVERT SHALL BE EXTENDED ON THE SIDE OF ROAD RESULTING IN THE LEAST AMOUNT OF WETLAND AND/OR STREAM IMPACTS.
2. TEMPORARY CULVERT SHALL BE INSTALLED NO SOONER THAN 4 WEEKS PRIOR TO THE CRANE CROSSING AND SHALL BE REMOVED WITHIN 5 MONTHS AFTER THE CROSSING.
3. THE CULVERT SHALL EXTEND A MINIMUM OF 1' BEYOND THE TOE OF SLOPE.
4. IN AREAS THAT HAVE LESS THAN 1' OF COVER OVER THE EXISTING CULVERT, A STEEL PLATE MAY BE UTILIZED IN CONJUNCTION WITH THE TEMPORARY CULVERT EXTENSIONS TO SPAN THE CULVERT AND PROVIDE FOR CONSTRUCTION LOADING.
5. THE MINIMUM DIAMETER OF THE TEMPORARY CULVERT SHALL EQUAL THE SIZE OF THE EXISTING CULVERT.

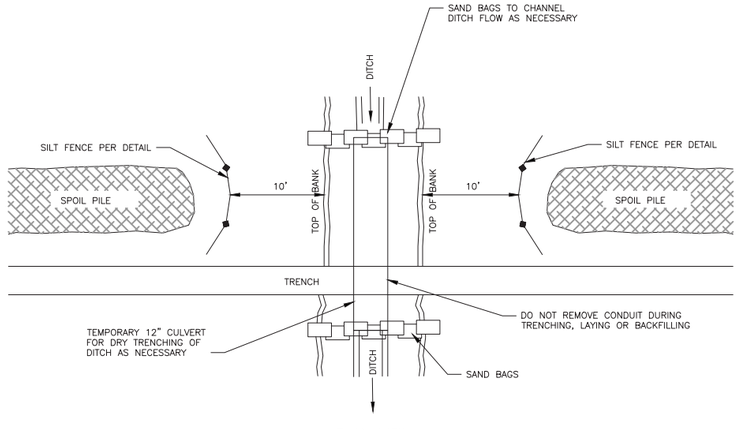
TEMPORARY CULVERT EXTENSION

NOT TO SCALE

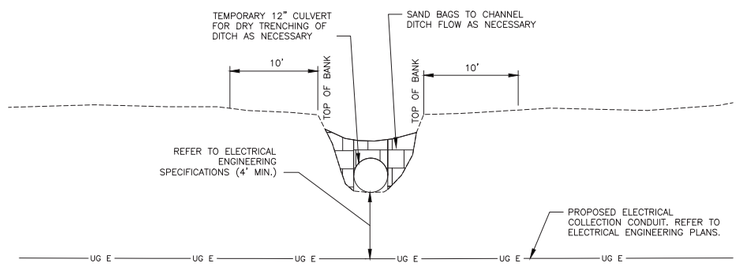


CONNECT PROPOSED STORM PIPE TO EXISTING STORM PIPE

NOT TO SCALE



PLAN VIEW



SECTION VIEW

NOTES:

1. TEMPORARY SAND BAGS AND CULVERT ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION WITHIN THE LIMITS OF THE DITCH. IN THE EVENT THAT THE DITCH IS DRYING DURING CONSTRUCTION, SAND BAGS AND CONDUIT ARE NOT NECESSARY.
2. EXCAVATED TRENCH MATERIAL SHALL BE STOCKPILED ADJACENT TO THE TRENCH, NO CLOSER THAN 25' FROM THE TOP OF BANK OF THE DITCH.
3. SILT FENCE SHALL BE INSTALLED BETWEEN THE STOCKPILED MATERIAL AND THE TOP OF BANK OF THE DITCH.
4. IMMEDIATELY AFTER CONSTRUCTION IS COMPLETE, PERMANENT STABILIZATION MEASURES SHALL BE APPLIED.
5. REFER TO ELECTRICAL DESIGN FOR CONDUIT DEPTH AND TRENCH DETAILS.

TYPICAL EROSION CONTROL & CLEARANCE DETAIL FOR COLLECTION LINE OPEN CUT DITCH CROSSING

NOT TO SCALE

REV	DESCRIPTION	DATE	BY
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140009
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S. MELLOTT
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SCALE
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ISSUE DATE
JULY 2015

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
DETAILS - 7

DRAWING NO.
DET-7

SHEET 16 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 details 2.dwg
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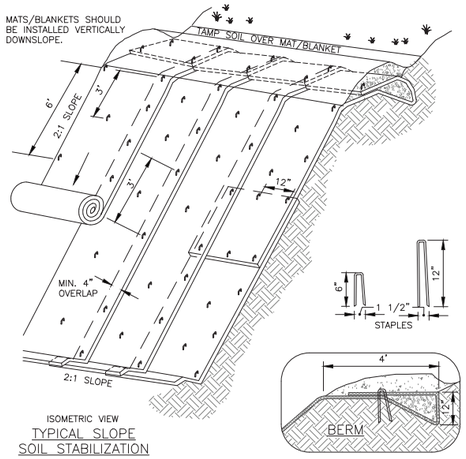


ISOMETRIC VIEW

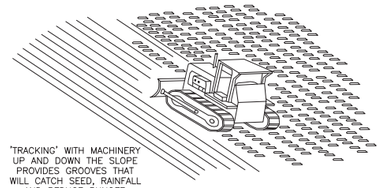
TYPICAL SLOPE SOIL STABILIZATION

NOTES:

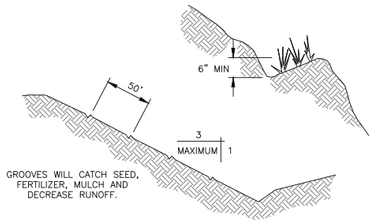
1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
2. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
3. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

EROSION BLANKETS SLOPE INSTALLATION

NOT TO SCALE



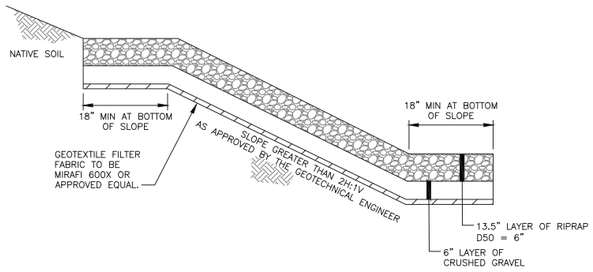
TRACKING



CONTOUR FURROWS

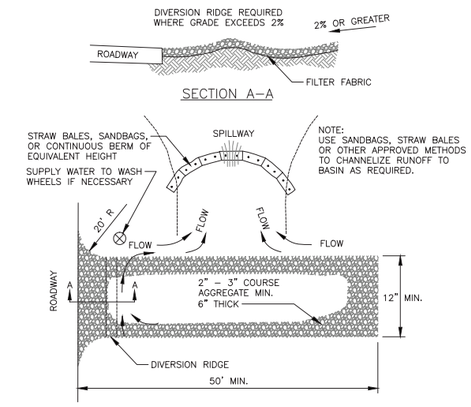
SURFACE ROUGHENING

NOT TO SCALE



RIP–RAP SLOPE STABILIZATION DETAIL

NOT TO SCALE



NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT–OF–WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT–OF–WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

GRAVEL CONSTRUCTION ENTRANCE/EXIT

NOT TO SCALE

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FA PROJECT NO.
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JULY 2015

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TITLE OF DRAWING
DETAILS - 8

DRAWING NO.
DET-8

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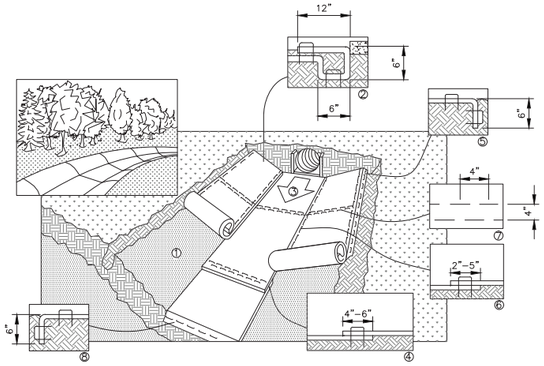
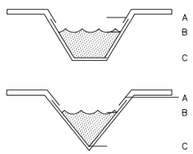




CRITICAL POINTS

A. OVERLAPS AND SEAMS
B. PROJECTED WATER LINE
C. CHANNEL BOTTOM/SIDE SLOPE VERTICES

* HORIZONTAL STAPLE SPACING SHOULD BE ALTERED IF NECESSARY TO ALLOW STAPLES TO SECURE THE CRITICAL POINTS ALONG THE CHANNEL SURFACE.

** IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

NOTES:

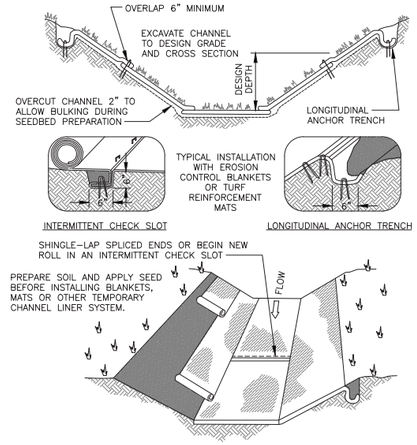
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.

CHANNEL INSTALLATION SPECIFICATIONS

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL–O–SEED, DO NOT SEED PREPARED AREA. CELL–O–SEED MUST BE INSTALLED WITH THE PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP–SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"–6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 2"–5" (DEPENDING ON BLANKET TYPE) AND STAPLED. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE BLANKET BEING OVERLAPPED.
7. IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30' TO 40' INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF CHANNEL.
8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
9. EROSION CONTROL BLANKETS INSTALLED WITHIN CHANNELS/SWALES/DITCHES SHALL BE NORTH AMERICAN GREEN SC–250 OR APPROVED EQUAL.

EROSION CONTROL BLANKET – CHANNEL INSTALLATION

NOT TO SCALE

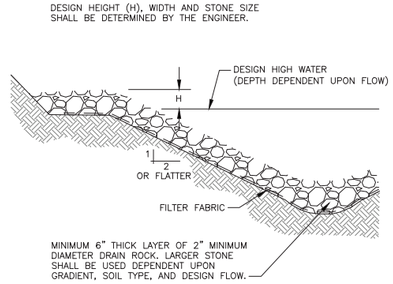


NOTES:

1. DESIGN VELOCITIES EXCEEDING 2 FT/SEC REQUIRE TEMPORARY BLANKETS, MATS OR SIMILAR LINERS TO PROTECT SEED AND SOIL UNTIL VEGETATION BECOMES ESTABLISHED.
2. GRASS–LINED CHANNELS WITH DESIGN VELOCITIES EXCEEDING 6 FT/SEC SHOULD INCLUDE TURF REINFORCEMENT MATS.

GRASS–LINED CHANNEL TYPICAL INSTALLATION

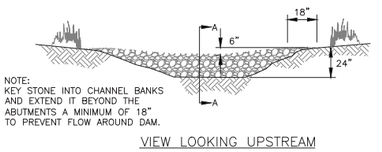
NOT TO SCALE



TYPICAL SECTION

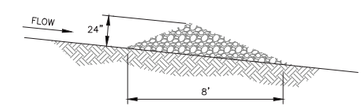
ROCK LINED CHANNEL

NOT TO SCALE

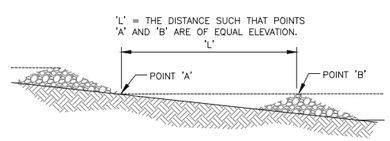


NOTE:
KEY STONE INTO CHANNEL BANKS AND EXTEND IT BEYOND THE ABUTMENTS A MINIMUM OF 18" TO PREVENT FLOW AROUND DAM.

VIEW LOOKING UPSTREAM



SECTION A–A



SPACING BETWEEN CHECK DAMS

ROCK CHECK DAM

NOT TO SCALE

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DETAILS - 9

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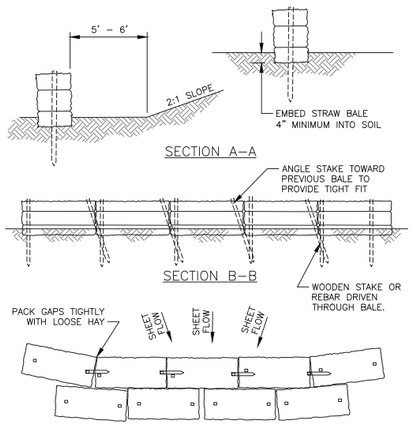
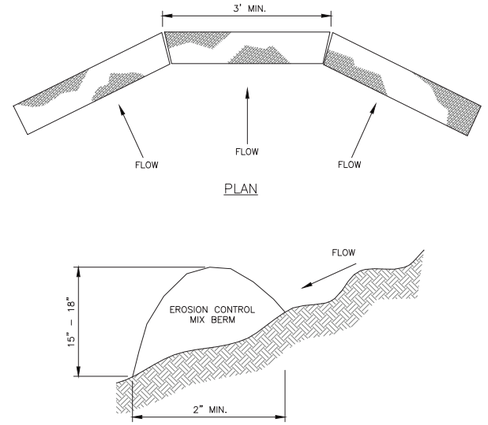


NOTES:

1. THE STRAW BALES SHALL BE PLACED ON SLOPE CONTOUR.
2. BALES TO BE PLACED IN A ROW WITH THE ENDS TIGHTLY ABUTTING.
3. KEY IN BALES TO PREVENT EROSION OR FLOW UNDER BALES.
4. DO NOT USE HAY BALES IN CONCENTRATED FLOW CONDITIONS OR IN STREAMS.

STRAW BALE DIKE

NOT TO SCALE

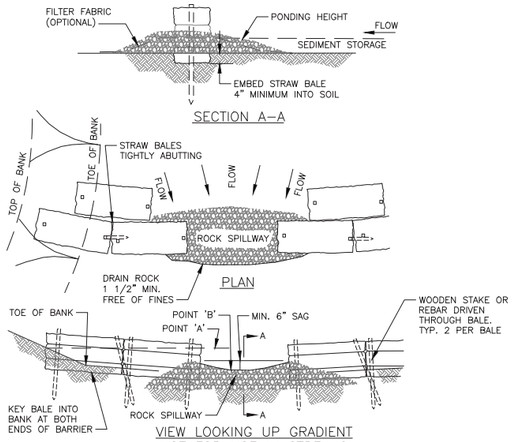


NOTES:

1. EROSION CONTROL MIX SHALL CONTAIN A WELL–GRADED MIXTURE OF STUMP GRINDINGS OR SIMILAR COARSE, FIBROUS ORGANIC MATERIAL WITH A RANGE OF SIZES AND MAY CONTAIN ROCKS LESS THAN 4–INCHES IN DIAMETER. EROSION CONTROL MIX MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH. THE MIX COMPOSITION SHALL MEET THE FOLLOWING STANDARDS.
   - 1.1 THE ORGANIC MATTER CONTENT SHALL BE BETWEEN 80 AND 100 PERCENT, DRY WEIGHT BASIS.
   - 1.2 PARTICLE SIZE BY WEIGHT SHALL BE 100 PERCENT PASSING A 6–INCH SCREEN AND 70 PERCENT TO 85 PERCENT, PASSING A 3/4" SCREEN.
   - 1.3 THE ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED.
   - 1.4 LARGE PORTIONS OF SILTS, CLAYS OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX.
2. THE BARRIER MUST BE PLACED ALONG A RELATIVELY LEVEL CONTOUR. TALL GRASSES MAY NEED TO BE CUT TO AVOID VOID SPACES THAT WOULD ALLOW FINES TO WASH UNDER THE BARRIER.
3. FROZEN GROUND, OUTCROPS OF BEDROCK AND VERY ROOTED FORESTED AREAS ARE LOCATIONS WHERE BERMS OF EROSION CONTROL MIX ARE MOST PRACTICAL AND EFFECTIVE.
4. THE EROSION CONTROL MIX CAN BE CONTAINED WITHIN A SYNTHETIC TUBULAR NETTING OR 'SOCK'.

EROSION CONTROL BERM MIX DETAIL

NOT TO SCALE

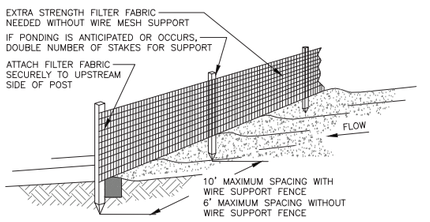


NOTES:

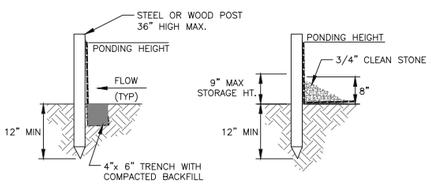
1. PLACE BALES PERPENDICULAR TO FLOW.
2. EMBED THE BALE 4" INTO THE SOIL AND "KEY" THE END BALES INTO THE CHANNEL BANKS TO PREVENT FLOW AROUND THE BALES.
3. BALES PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING.
4. POINT "A" SHALL BE HIGHER THAN POINT "B".
5. SPILLWAY HEIGHT SHALL NOT EXCEED 24".
6. SILT FENCE MAY BE USED IN LIEU OF BALES (FOLLOW SAME GUIDELINES).

SEMI–PERVIOUS STRAW BALE OR SILT FENCE SEDIMENT BARRIER

NOT TO SCALE



NOTE: PRE–FABRICATED SILT FENCE IS ACCEPTABLE IF INSTALLED PER MANUFACTURER.



NOTES

1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" MAXIMUM RECOMMENDED STORAGE HEIGHT.
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF–SITE AND CAN BE PERMANENTLY STABILIZED.
4. DO NOT PLACE SILT FENCE IN STREAMS OR CONCENTRATED FLOW CONDITIONS.

SILT FENCE

NOT TO SCALE

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140009
PROJECT MANAGER
S. MELLOTT

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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
DETAILS - 10

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DET-10

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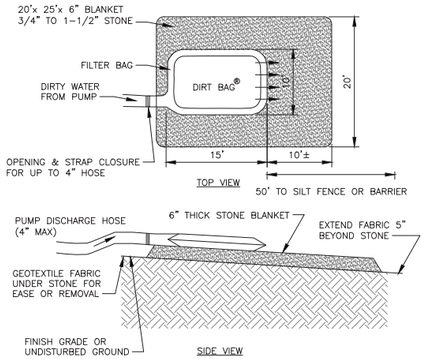
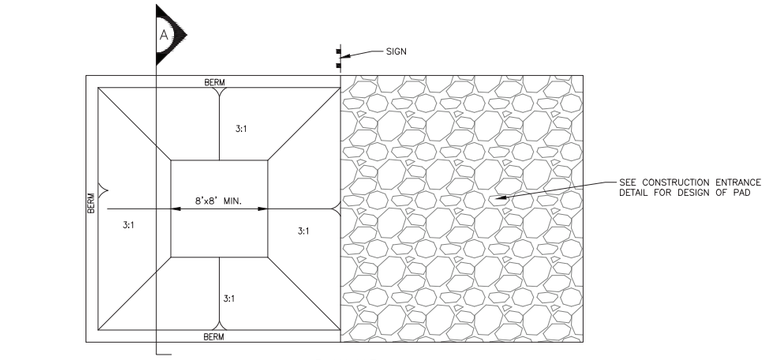


NOTES:

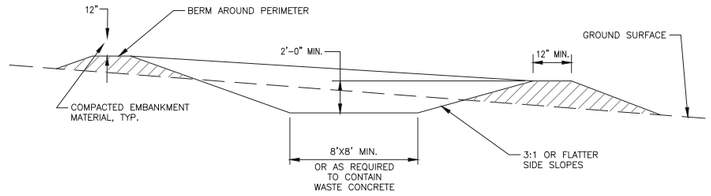
1. DIRT BAG MATERIAL BASED ON PARTICLE SIZE IN DIRTY WATER, I.E. FOR COARSE PARTICLES A WOVEN MATERIAL; FOR SILTS/CLAYS A NON-WOVEN MATERIAL.
2. DO NOT OVER PRESSURIZE DIRT BAG OR USE BEYOND CAPACITY.
3. LOCATE DISCHARGE SITE ON FLAT UPLAND AREAS AS FAR AWAY AS POSSIBLE FROM STREAMS, WETLANDS, OTHER RESOURCES AND POINTS OF CONCENTRATED FLOW.
4. DOWN GRADIENT RECEIVING AREA MUST BE WELL VEGETATED OR OTHERWISE STABLE FROM EROSION. E.G. FOREST FLOOR OR COARSE GRAVEL/STONE.
5. DISCHARGE NOT PERMITTED WITHIN 25' OF A STREAM OR WETLAND. CONSULT DEP IF STRUCTURE MUST BE WITHIN 75' OF STREAM OR WATER BODY. SECONDARY CONTAINMENT MAY BE NECESSARY.

PUMPED DISCHARGE SEDIMENT CONTROL DEVICE ("DIRT BAG")

NOT TO SCALE



PLAN VIEW



SECTION A

CONCRETE WASHOUT AREA INSTALLATION NOTES:

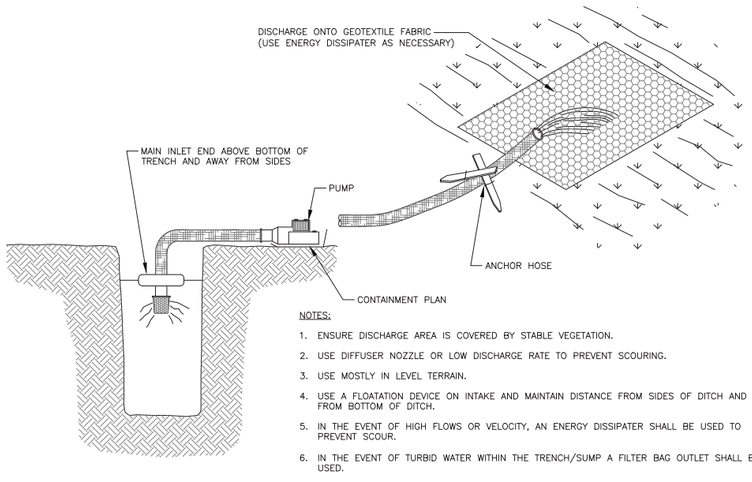
1. CONCRETE WASHOUT AREAS ARE TO BE INSTALLED AT EACH WTG PAD LOCATION, O & M BUILDING SITE, SUBSTATION SITE, LAYDOWN AREA AND WHEREVER ELSE CONCRETE IS USED FOR THE PROJECT.
2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON THE SITE.
3. VEHICLE TRACKING CONTROL IS REQUIRED AT THE ACCESS POINT.
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. MATERIAL EXCAVATED TO CREATE CONCRETE WASHOUT PIT SHALL BE UTILIZED TO CONSTRUCT PERIMETER BERM AROUND PIT.

CONCRETE WASHOUT AREA MAINTENANCE NOTES:

1. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, COVER THE DISTURBED AREA WITH TOPSOIL, DRILL SEED AND CRIMP MULCH OR OTHERWISE STABILIZE IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

CONCRETE WASHOUT AREA

NOT TO SCALE

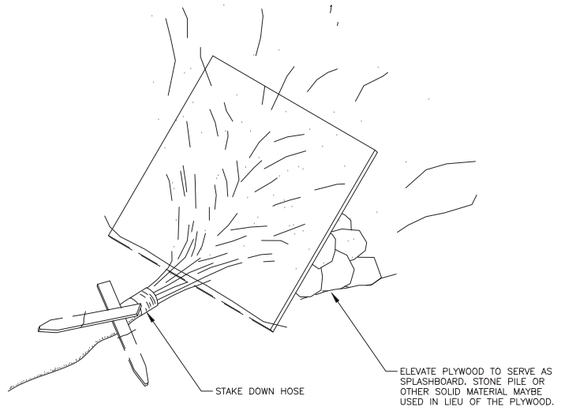


NOTES:

1. ENSURE DISCHARGE AREA IS COVERED BY STABLE VEGETATION.
2. USE DIFFUSER NOZZLE OR LOW DISCHARGE RATE TO PREVENT SCOURING.
3. USE MOSTLY IN LEVEL TERRAIN.
4. USE A FLOATATION DEVICE ON INTAKE AND MAINTAIN DISTANCE FROM SIDES OF DITCH AND FROM BOTTOM OF DITCH.
5. IN THE EVENT OF HIGH FLOWS OR VELOCITY, AN ENERGY DISSIPATER SHALL BE USED TO PREVENT SCOUR.
6. IN THE EVENT OF TURBID WATER WITHIN THE TRENCH/SUMP A FILTER BAG OUTLET SHALL BE USED.

DEWATERING OPERATION WITH SURFACE STABILIZED OUTLET OPTION

NOT TO SCALE



DEWATERING ENERGY DISSIPATER OUTLET OPTION

NOT TO SCALE

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585.334.1310

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
DETAILS - 11

DRAWING NO.
DET-11

SHEET 20 OF 338

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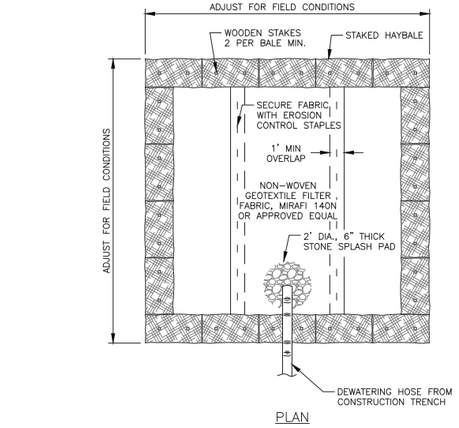
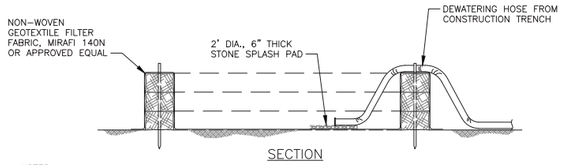


PLAN



SECTION

NOTES:

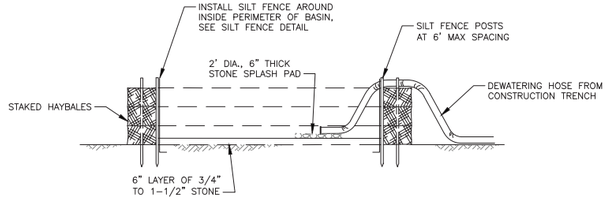
1. SIZE OF BASIN AND ASSOCIATED NUMBER OF BALES MAY VARY BASED ON SITE CONDITIONS.
2. THE BASIN SHALL BE SIZED TO PREVENT DISCHARGE WATER FROM OVERTOPPING BASIN. IF BASIN IS OVERTOPPED DISCONTINUE USE IMMEDIATELY AND RE-SIZE.
3. KEEP BASIN AS FAR FROM WETLANDS AS PRACTICAL. DO NOT LOCATE BASIN WITHIN 25 FEET OF WETLANDS OR OTHER RESOURCES.
4. BASINS SHALL BE LOCATED IN AREAS THAT ARE GENERALLY FLAT WITH SLOPES FROM 0-2%.
5. USE REINFORCED BASINS AS DETAILED WITH SILT FENCE AND STONE IN AREAS OF CONSIDERABLE FLOW AND FOR BASINS THAT ARE TO BE USED FOR PERIODS LONGER THAN 7 DAYS.
6. CLEAN AND REMOVE BASIN AS SOON AS DEWATERING IS COMPLETE.
7. CONCRETE JERSEY BARRIERS CAN BE SUBSTITUTED FOR HAYBALES AS DESIRED TO SUPPORT FILTER FABRIC.

TEMPORARY SEDIMENT BASIN DETAIL

NOT TO SCALE

CONSTRUCTION DEWATERING NOTES:

1. INSTALL DIVERSION DITCHES OR BERMS TO MINIMIZE THE AMOUNT OF CLEAN STORMWATER RUNOFF ALLOWED TO DISCHARGE INTO THE EXCAVATED AREA.
2. TREATMENT OF SEDIMENT BEARING WATER SHALL BE ACCOMPLISHED UTILIZING TEMPORARY SEDIMENT BASINS, MANUFACTURED FILTER 'SOCKS', CONCRETE OR STEEL SETTLING CHAMBERS OR OTHER APPROVED TECHNIQUES.
3. TREATED OR CLEAN RUNOFF WITH MINIMAL TO NO DISCOLORATION FROM SEDIMENT SHALL BE DISCHARGED TO ADJACENT GRASSED AREAS THAT CONTAIN A MAXIMUM OF 0-2% SLOPES. STABILIZATION WITH CRUSHED STONE SHALL BE APPLIED TO VEGETATED AREA, AS NEEDED, TO PREVENT EROSION FROM OUTFLOW OF WATER,
4. INSPECTION OF DEWATERING FACILITIES IS TO BE PERFORMED FREQUENTLY EACH DAY FOR SIGNS OF EROSION AND CONCENTRATED FLOW.
5. IF COLLECTED DEWATERING DISCHARGE IS CONTAMINATED WITH OIL, GREASE OR OTHER TOXIC/HAZARDOUS MATERIALS, THE ENGINEER SHALL CONTACT THE APPROPRIATE AUTHORITY AND CEASE WORK IMMEDIATELY.
6. TREATED COLLECTED DEWATERED DISCHARGE MAY BE DISCHARGED INTO EXISTING MAN-MADE STORMWATER CONVEYANCES INCLUDING STORM DRAINS, ROADSIDE DITCHES, PROVIDED THAT REQUIRED PERMISSIONS FROM THE APPROPRIATE LANDOWNER, MUNICIPALITY, OR UTILITY, ETC. HAVE BEEN OBTAINED PRIOR TO DISCHARGE.
7. PROLONGED DEWATERING DURING PERIODS OF HEAVY RAIN SHALL BE AT THE DISCRETION OF THE ENGINEER.
8. THE ENGINEER SHALL HAVE THE AUTHORITY TO STOP DEWATERING OPERATIONS AS CONDITIONS DICTATE.



REINFORCED SEDIMENT BASIN SECTION

NOT TO SCALE

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

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AS SHOWN

ISSUE DATE
JULY 2015

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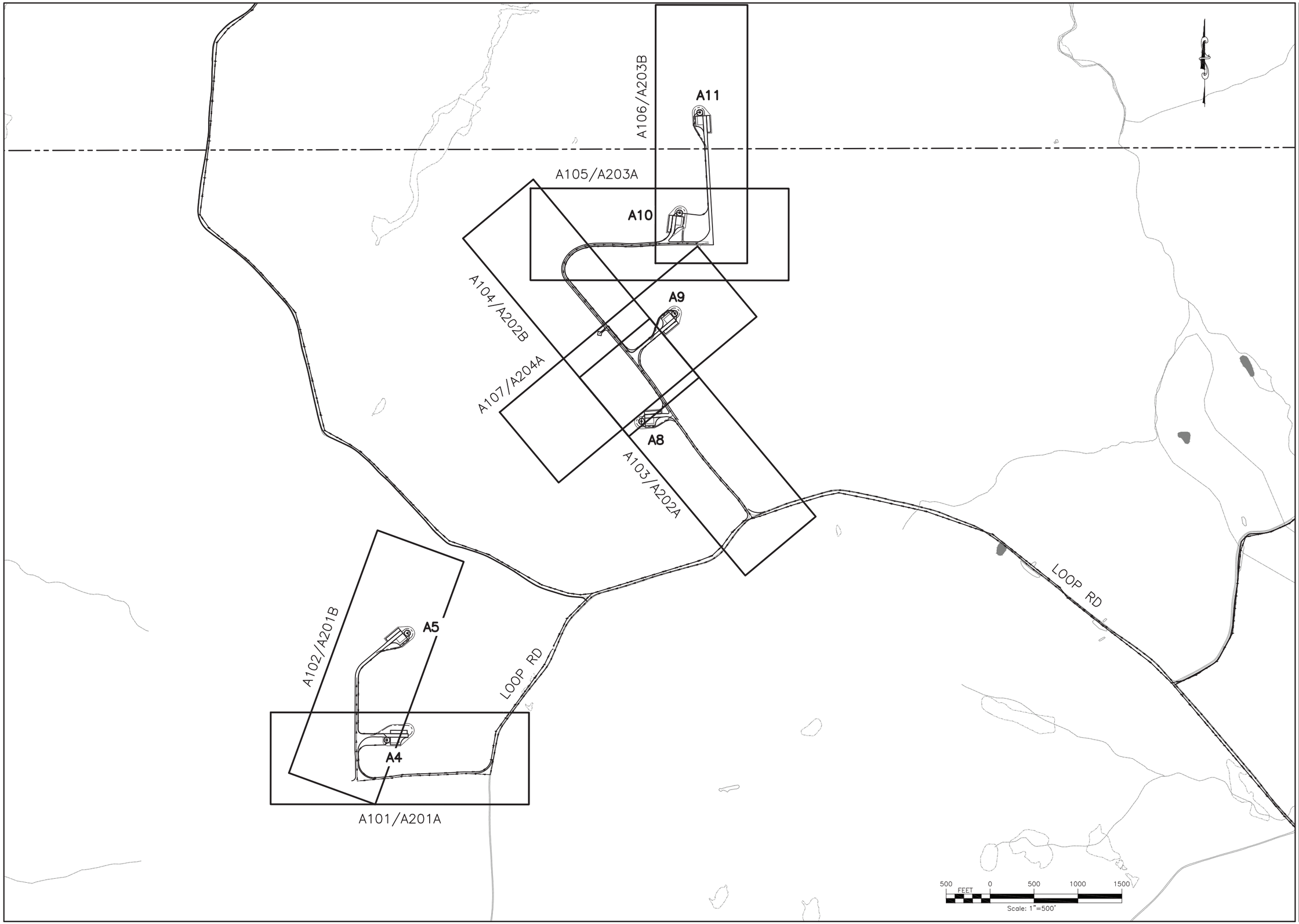
Phone: 800-339-1579

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
DETAILS - 12

DRAWING NO.

DET-12



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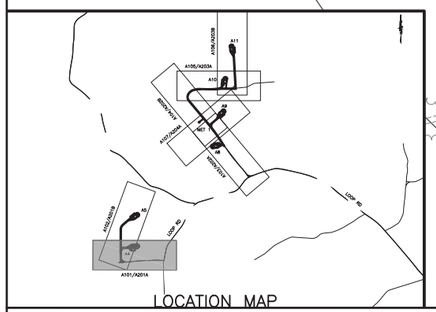
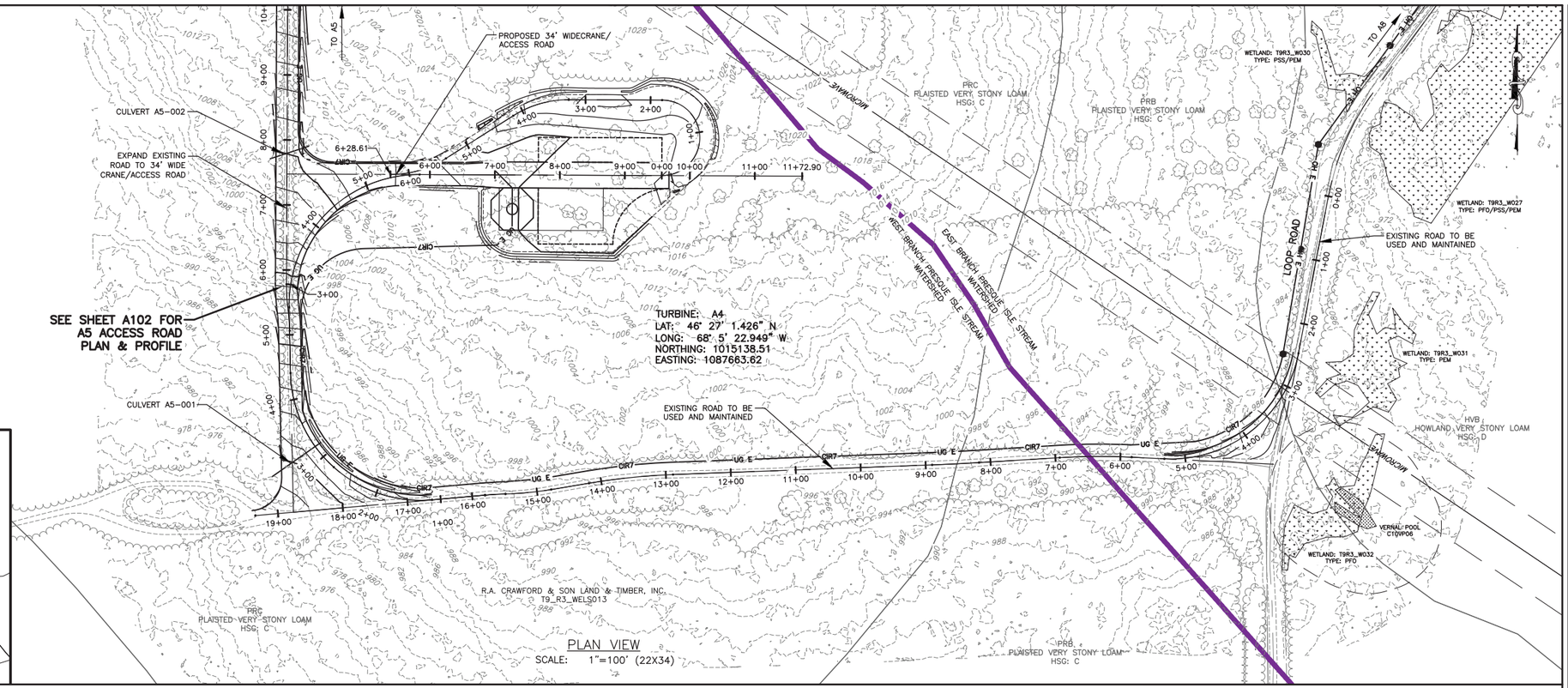
NUMBER NINE WIND FARM™

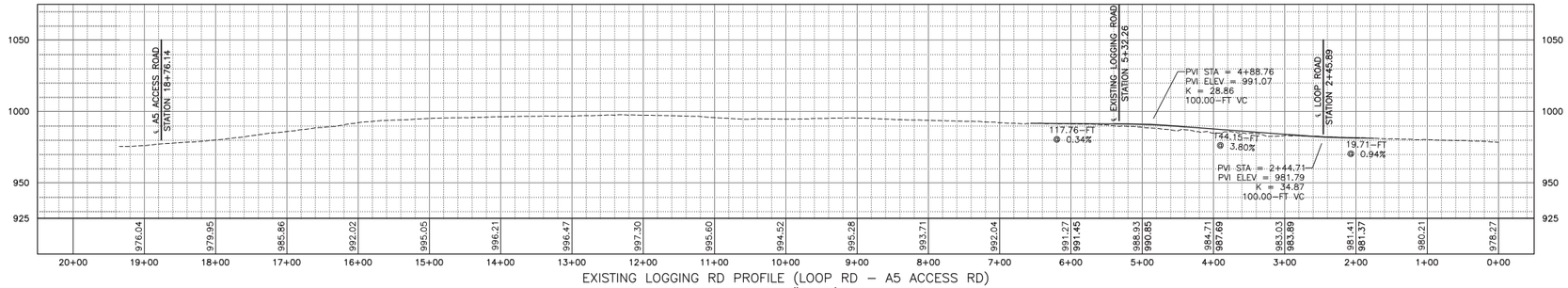
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

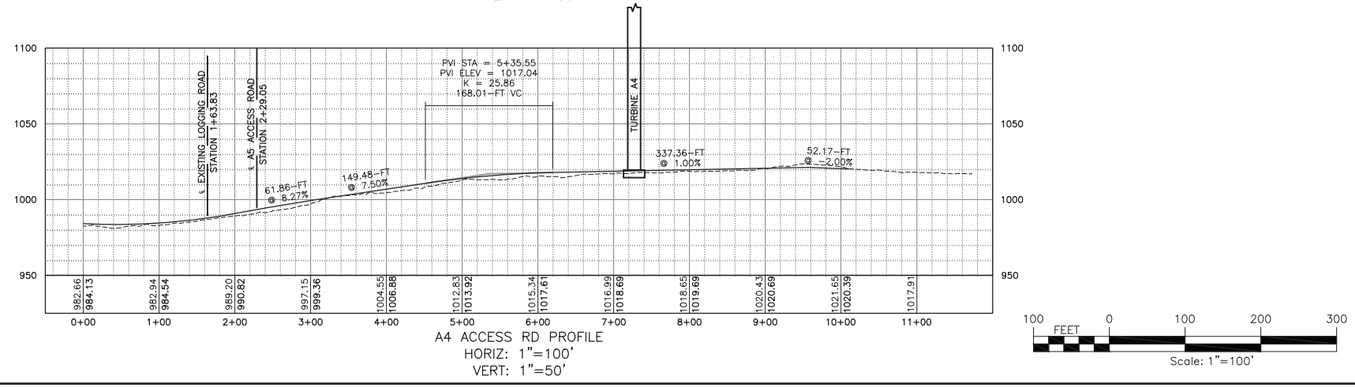
TITLE OF DRAWING
A-SHEETS INDEX PLAN

DRAWING NO.
A100









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S. MELLOTT
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JULY 2015

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NUMBER NINE WIND FARM

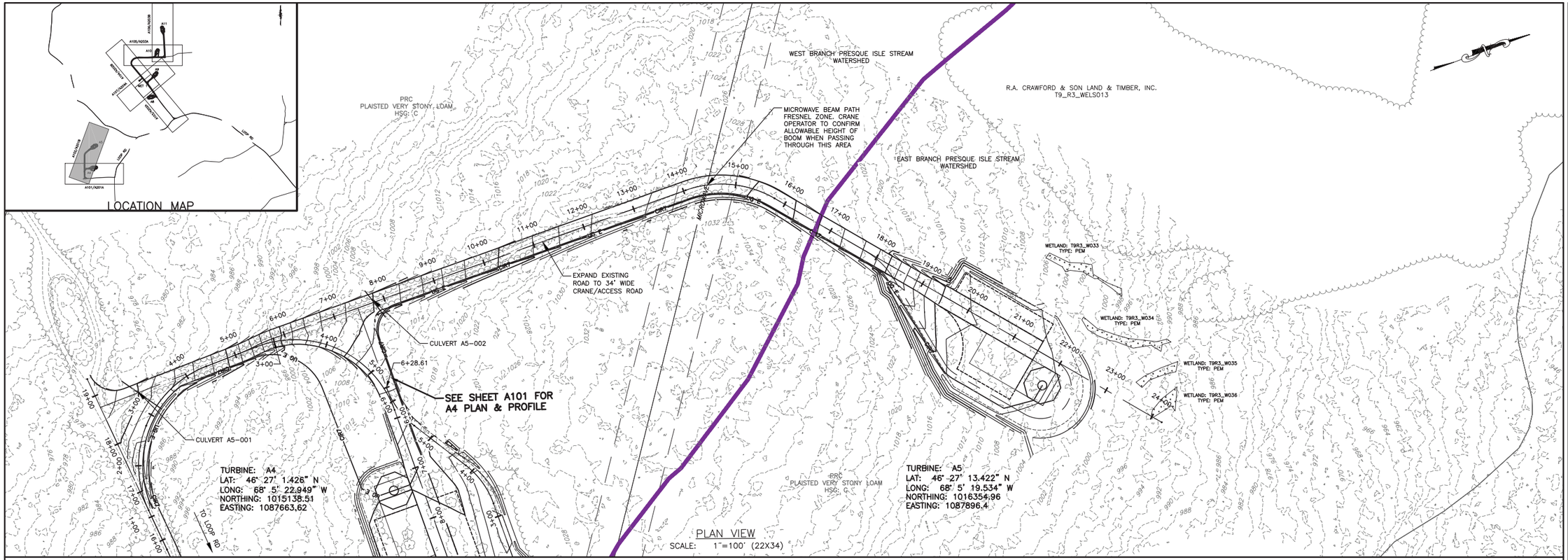
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG A4 AND WTG A5 ACCESS ROAD PLAN SHEET

DRAWING NO.
A101

SHEET 23 OF 338

LOCATION MAP



PLAN VIEW
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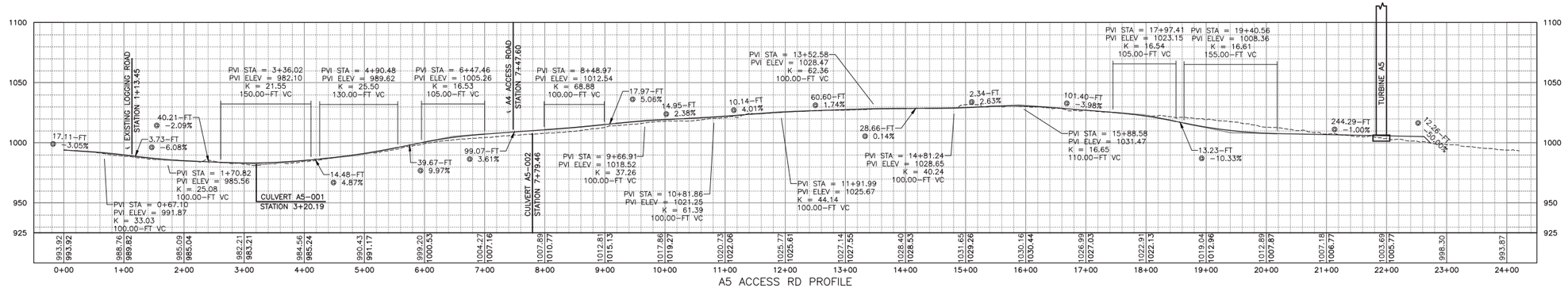

A5 ACCESS RD PROFILE
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NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG A5 ACCESS ROAD PLAN SHEET

DRAWING NO.
A102

SHEET 24 OF 338

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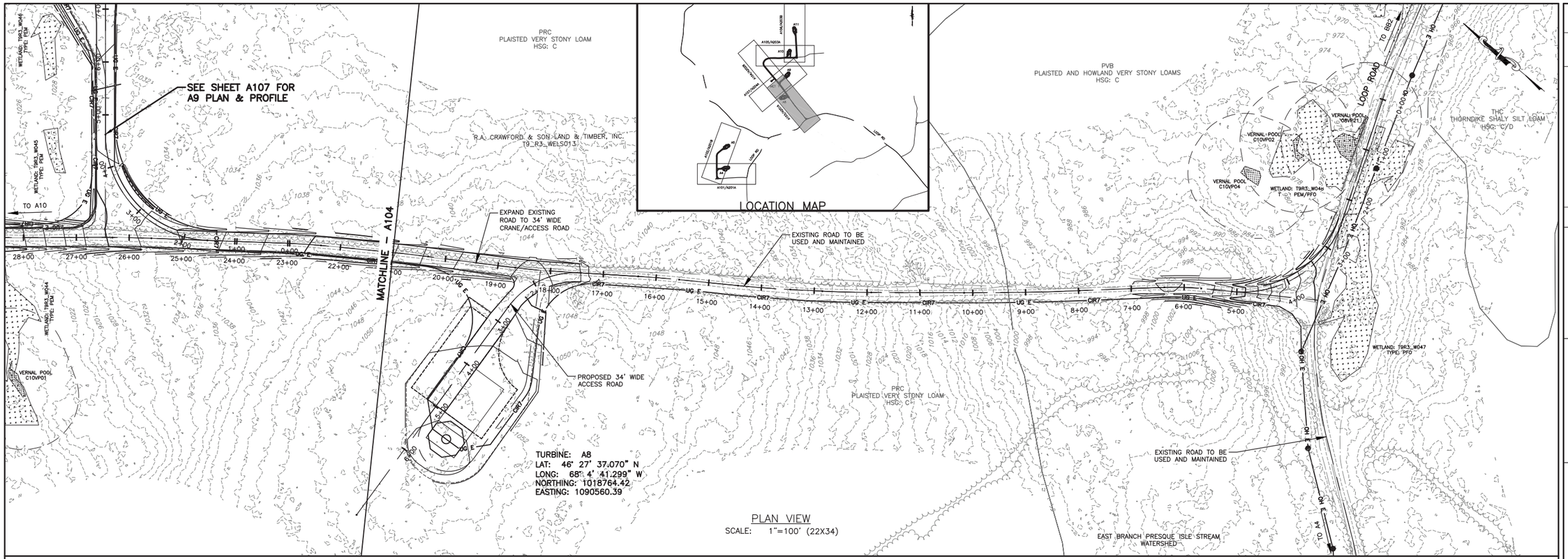

PLAN VIEW
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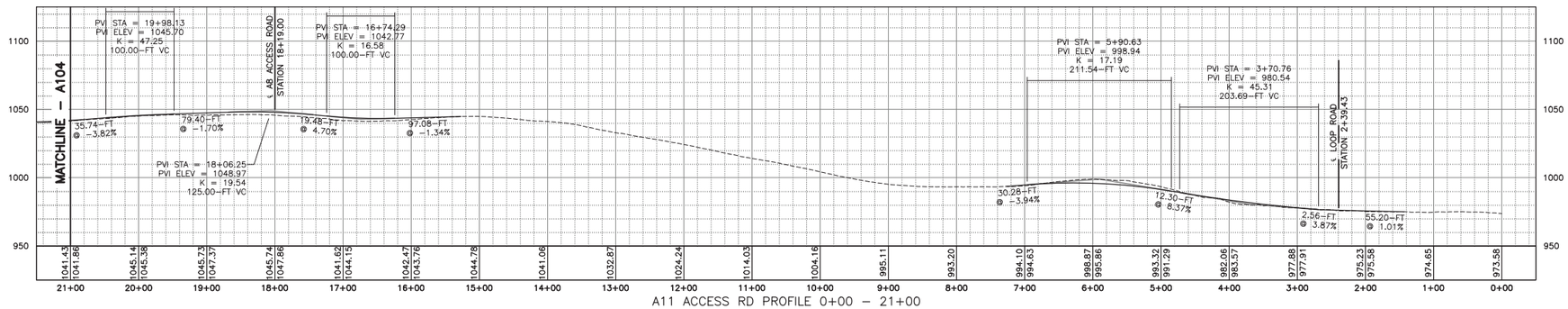

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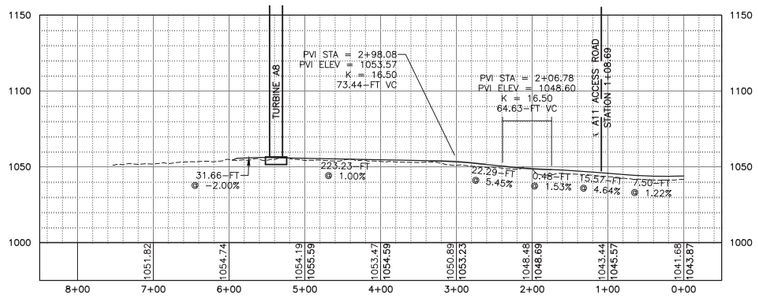

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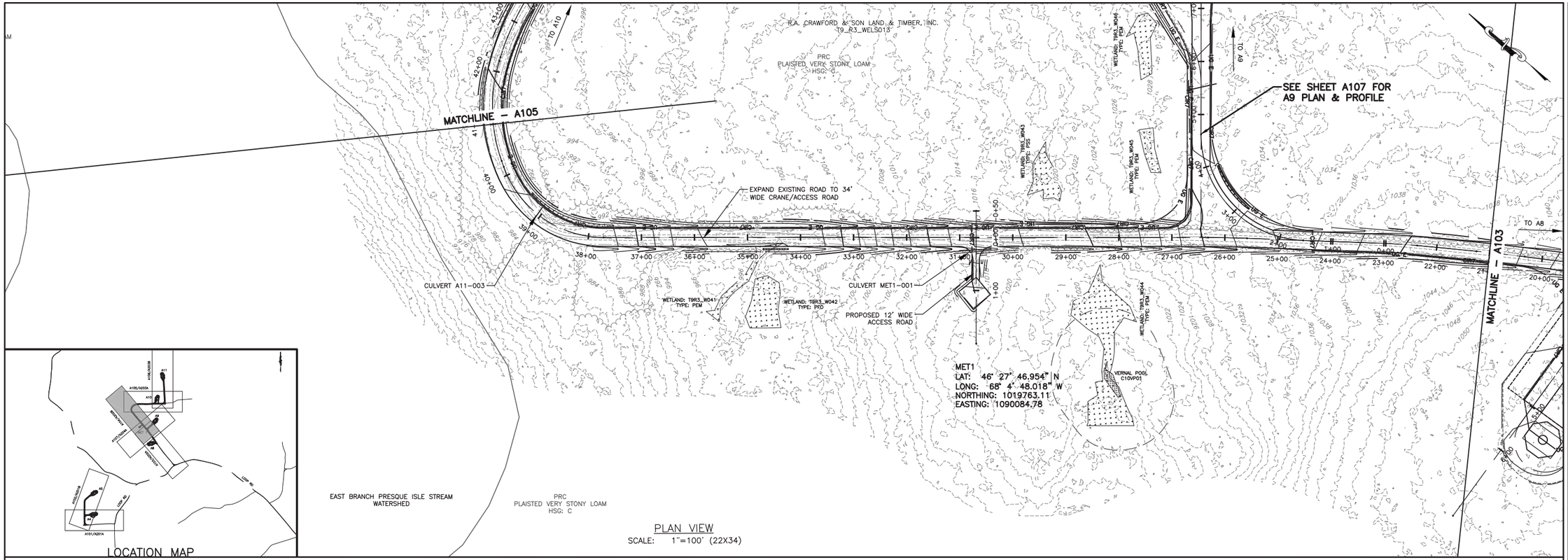
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

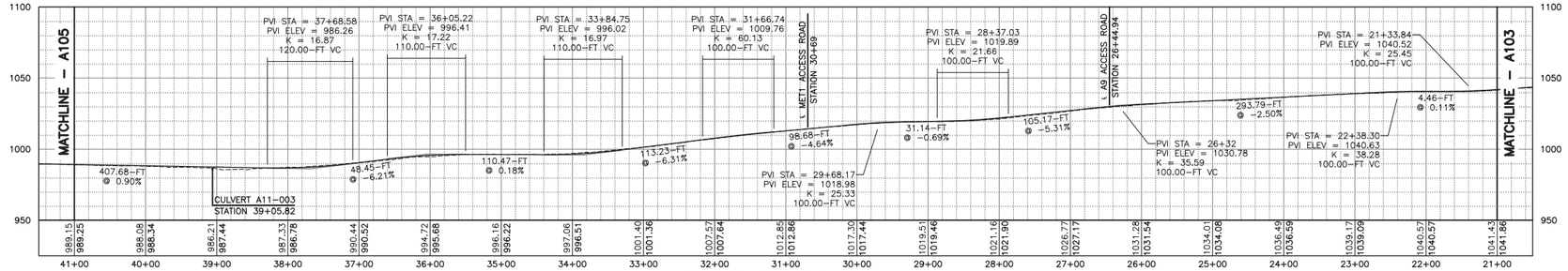
TITLE OF DRAWING
WTG A8 AND WTG A11 ACCESS ROAD PLAN SHEET

DRAWING NO.
A103



PLAN VIEW
SCALE: 1"=100' (22X34)

LOCATION MAP



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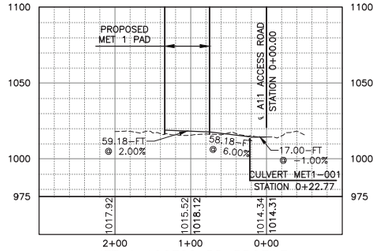

MET 1 ACCESS RD PROFILE
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Scale: 1"=100'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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NUMBER NINE WIND FARM

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NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG A11 AND MET 1 ACCESS ROAD PLAN SHEET

DRAWING NO.
A104

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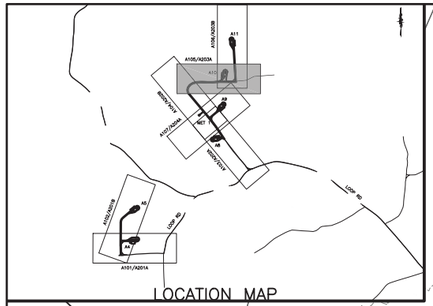


EAST BRANCH PRESQUE ISLE STREAM WATERSHED

R.A. CRAWFORD & SON LAND & TIMBER, INC.
T9_R3_WELS013

PRC
PLAISTED VERY STONY LOAM
HSG: C

PVB
PLAISTED AND HOWLAND VERY STONY LOAMS
HSG: C

THB
THORNDIKE SHALLOW SILT LOAM
HSG: D

TURBINE: A10
LAT: 46° 28' 0.458" N
LONG: 68° 4' 34.925" W
NORTHING: 1021135.96
EASTING: 1090993.9

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

PROPOSED 34' WIDE CRANE/ACCESS ROAD

WETLAND: T9R3_W038 TYPE: PEM

WETLAND: T9R3_W039 TYPE: PEM

WETLAND: T9R3_W040 TYPE: PEM

CULVERT A11-004

CULVERT A11-003

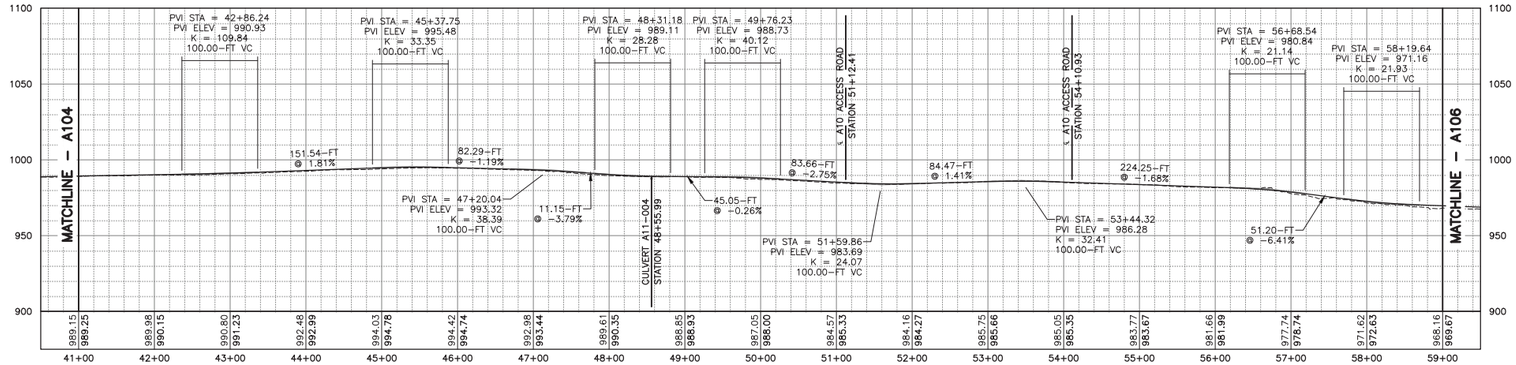
MATCHLINE – A104

MATCHLINE – A106

TO A11

TO A9

PLAN VIEW
SCALE: 1"=100' (22X34)



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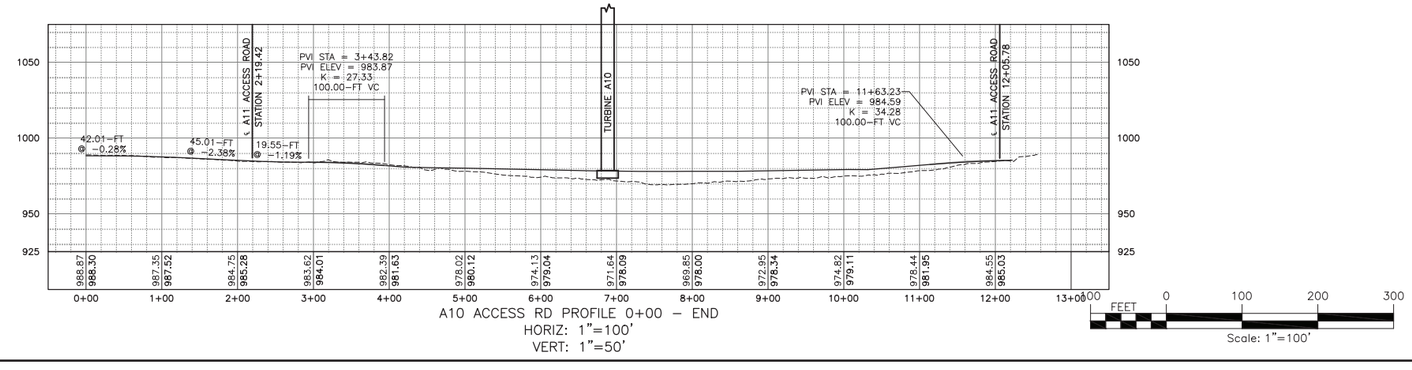

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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DP/BA

SCALE
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ISSUE DATE
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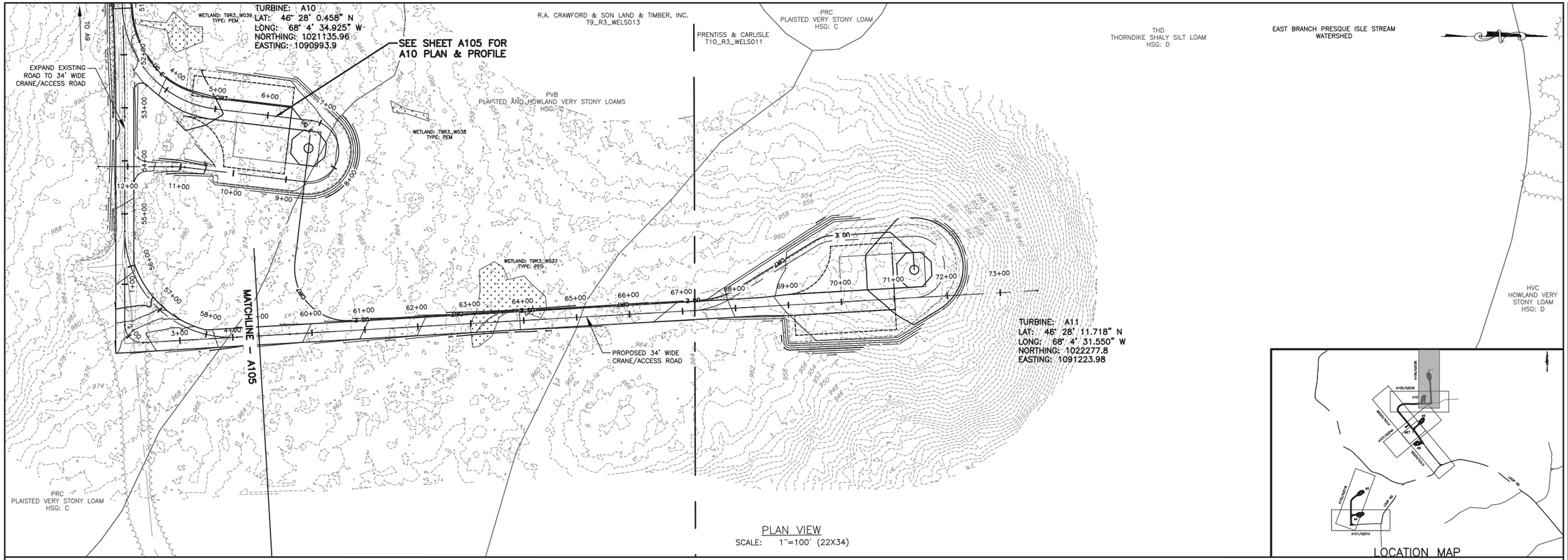
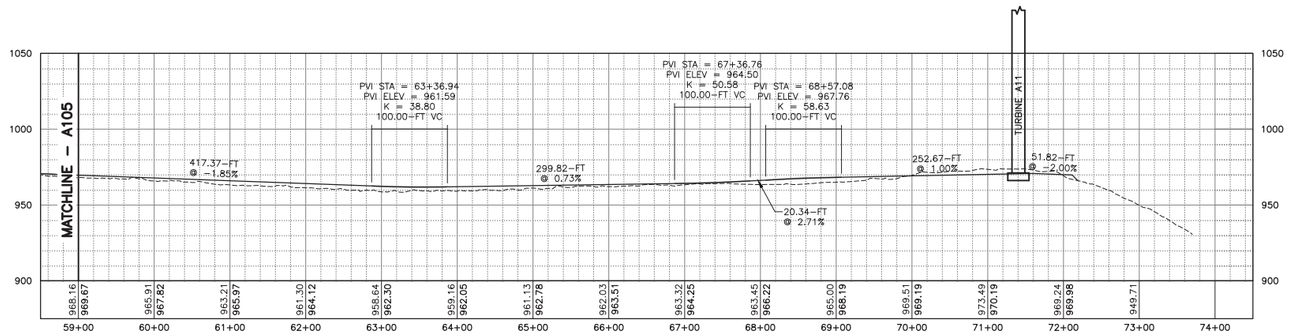
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG A10 AND WTG A11 ACCESS ROAD PLAN SHEET

DRAWING NO.
A105

SHEET 27 OF 338





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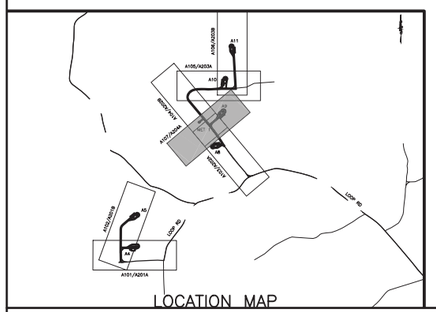
TITLE OF DRAWING
WTG A11 ACCESS ROAD PLAN SHEET

DRAWING NO.
A106



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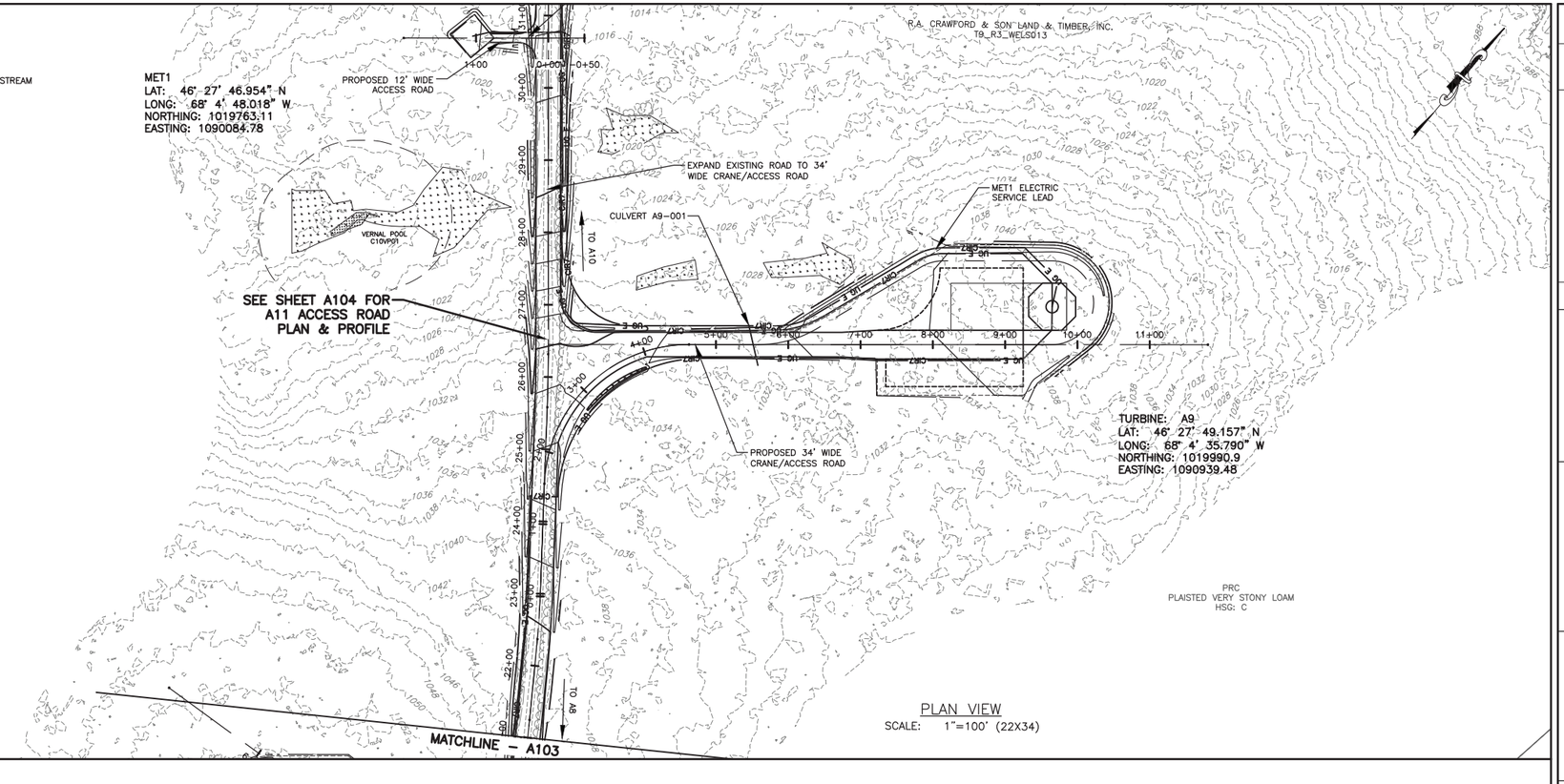
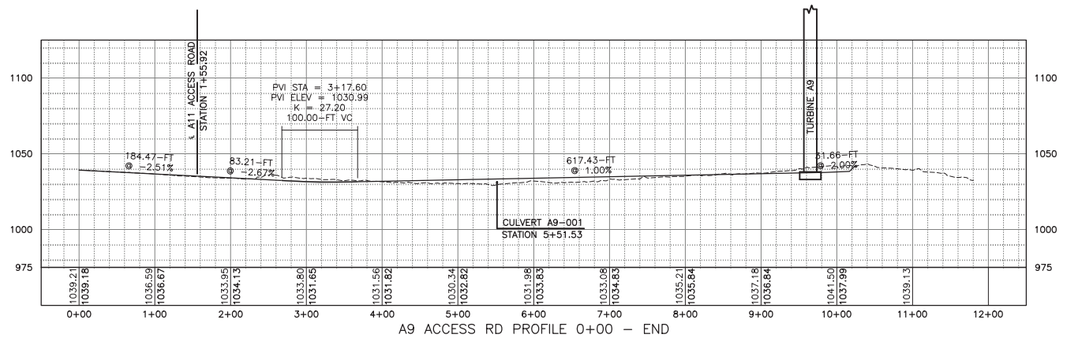


PLAN VIEW
SCALE: 1"=100' (22X34)



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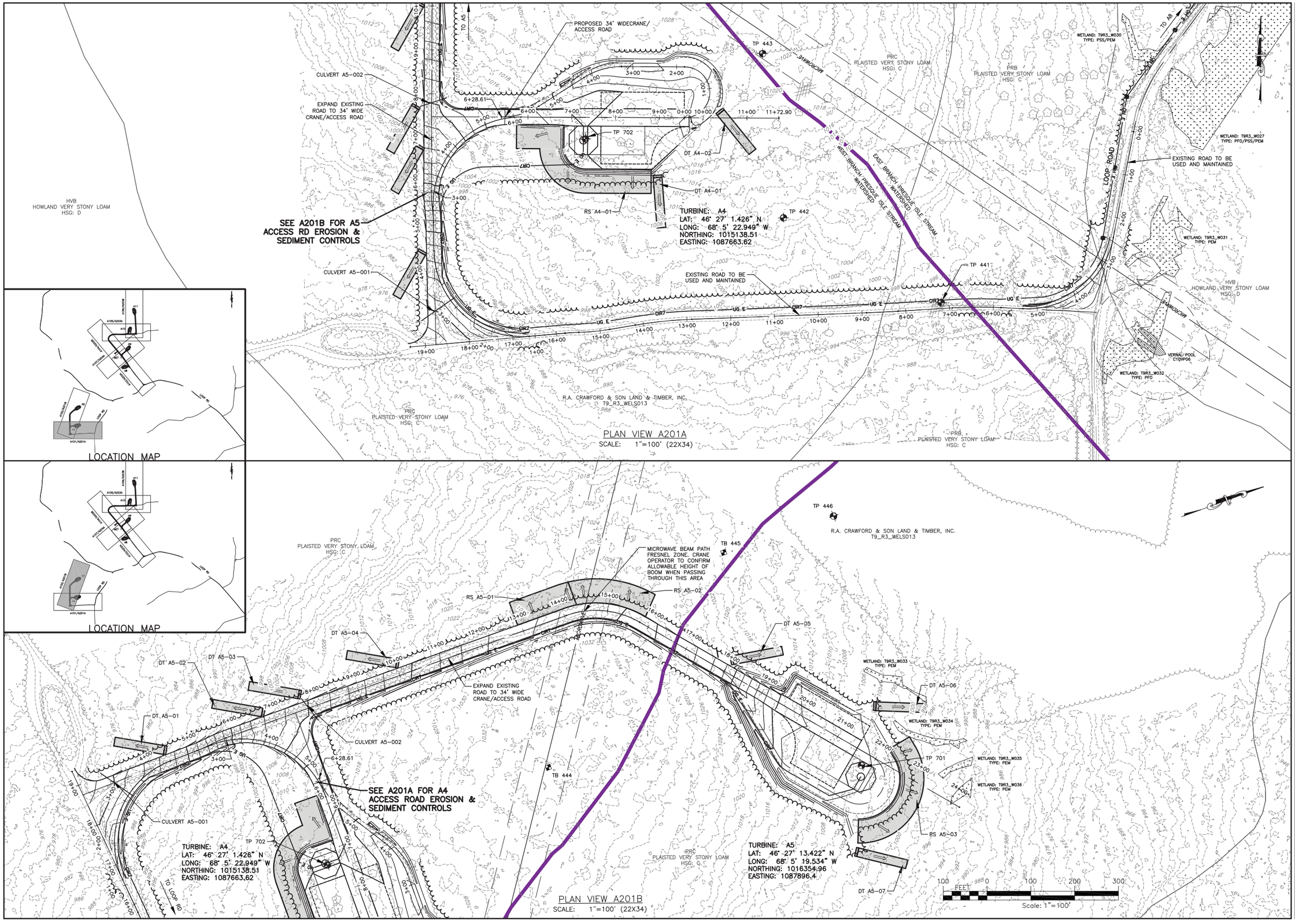
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG A9 ACCESS ROAD PLAN SHEET

DRAWING NO.
A107



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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG A4 AND WTG A5 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
A201

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 A201-A204 Sheets.dwg
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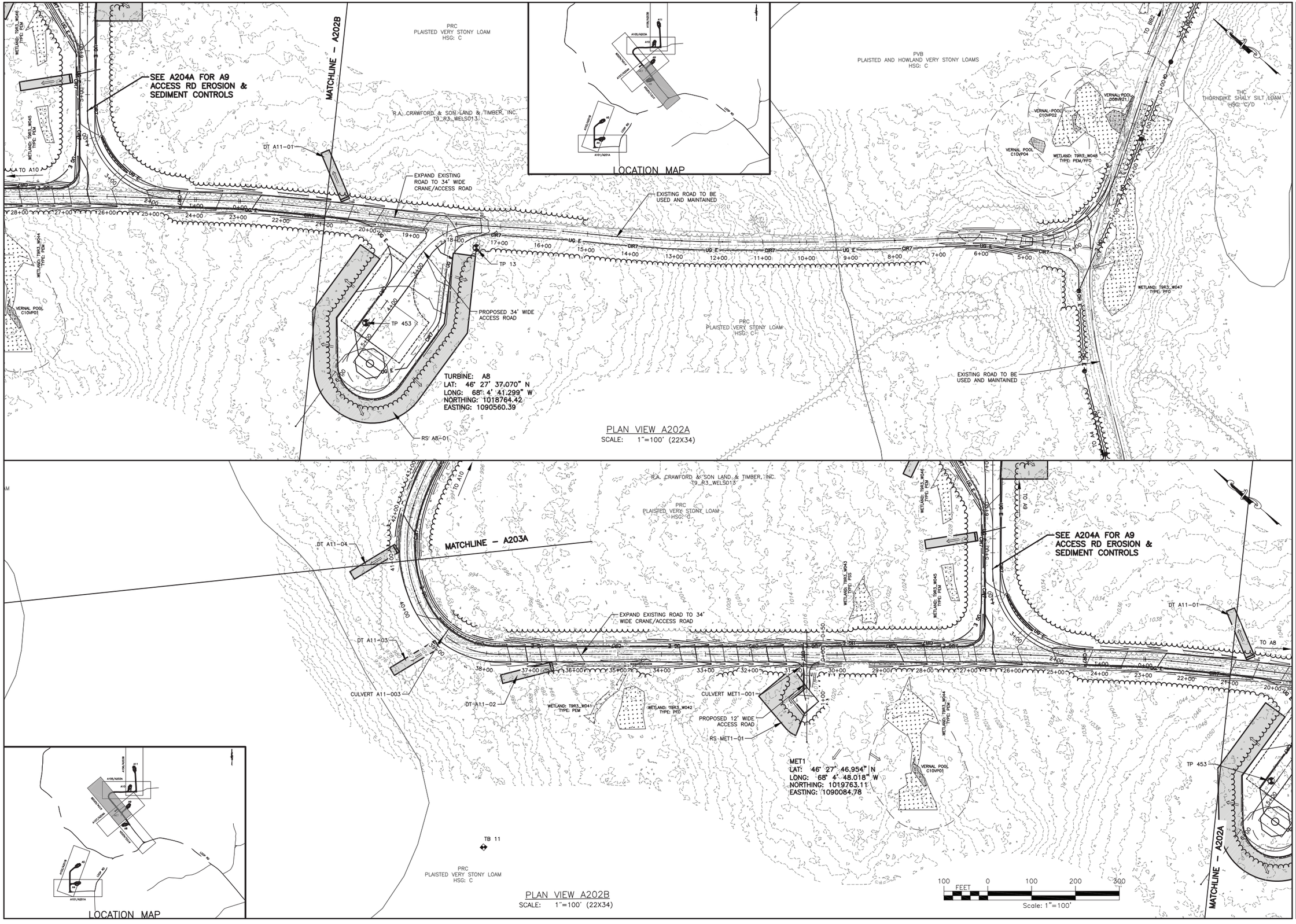

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140009
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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG A8 AND WTG A11 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
A202

SHEET 31 OF 338

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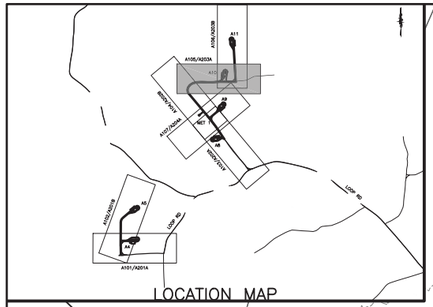

EAST BRANCH PRESQUE ISLE STREAM WATERSHED

TP 10

R.A. CRAWFORD & SON LAND & TIMBER, INC.
T9_R3_WELS013

PRC
PLAISTED VERY STONY LOAM
HSG: C

PVB
PLAISTED AND HOWLAND VERY STONY LOAMS
HSG: C

THD
THORNDIKE SHALY SILT LOAM
HSG: D

TURBINE: A10
LAT: 46° 28' 0.458" N
LONG: 68° 4' 34.925" W
NORTHING: 1021135.96
EASTING: 1090993.9

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

PROPOSED 34' WIDE CRANE/ACCESS ROAD

WETLAND: T9R3_W039 TYPE: PEM

WETLAND: T9R3_W038 TYPE: PEM

WETLAND: T9R3_W040 TYPE: PEM

DT A11-01 DT A11-02 DT A11-03 DT A11-04 DT A11-05 DT A11-06 DT A11-07

RS A10-01 RS A11-01 RS A11-02

TP 700 TP 450 TP 452 TP 699

CULVERT A11-003 CULVERT A11-004

MATCHLINE – A202B

MATCHLINE – A203B

MATCHLINE – A203A

TO A11

CWT CMP CIRC

PLAN VIEW A203A
SCALE: 1"=100' (22X34)

R.A. CRAWFORD & SON LAND & TIMBER, INC.
T9_R3_WELS013

PRC
PLAISTED VERY STONY LOAM
HSG: C

PRENTISS & CARLISLE
T10_R3_WELS011

PVB
PLAISTED AND HOWLAND VERY STONY LOAMS
HSG: C

THD
THORNDIKE SHALY SILT LOAM
HSG: D

TURBINE: A10
LAT: 46° 28' 0.458" N
LONG: 68° 4' 34.925" W
NORTHING: 1021135.96
EASTING: 1090993.9

SEE A203A FOR A10 ACCESS RD EROSION & SEDIMENT CONTROLS

TURBINE: A11
LAT: 46° 28' 11.718" N
LONG: 68° 4' 31.550" W
NORTHING: 1022277.8
EASTING: 1091223.98

HVC
HOWLAND VERY STONY LOAM
HSG: D

PROPOSED 34' WIDE CRANE/ACCESS ROAD

TB 451

PLAN VIEW A203B
SCALE: 1"=100' (22X34)

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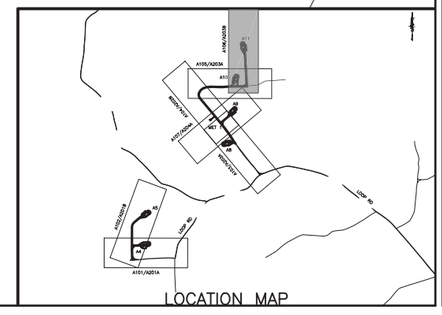
Scale: 1"=100'



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FA PROJECT NO.
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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG A10 AND WTG A11 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
A203

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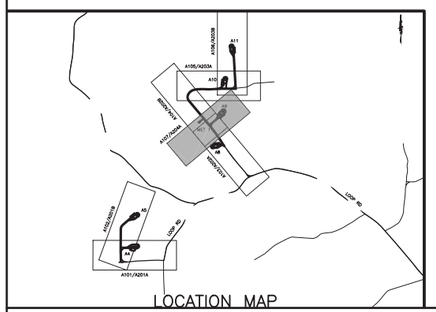

LOCATION MAP

EAST BRANCH PRESQUE ISLE STREAM
WATERSHED

MET1
LAT: 46° 27' 46.954" N
LONG: 68° 4' 48.018" W
NORTHING: 1019763.11
EASTING: 1090084.78

RS MET1-01

PROPOSED 12' WIDE ACCESS ROAD

VERNAL POOL C10/VP01

WETLAND: T9R3_W044
TYPE: PEM

WETLAND: T9R3_W043
TYPE: PSS

WETLAND: T9R3_W045
TYPE: PEM

WETLAND: T9R3_W046
TYPE: PEM

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

CULVERT A9-001

DT A9-01

DT A9-02

MET1 ELECTRIC SERVICE LEAD

DT A9-03

TURBINE: A9
LAT: 46° 27' 49.157" N
LONG: 68° 4' 35.790" W
NORTHING: 1019990.9
EASTING: 1090939.48

TB 12

RS A9-01

PROPOSED 34' WIDE CRANE/ACCESS ROAD

SEE A202B FOR A11 ACCESS ROAD EROSION & SEDIMENT CONTROLS

MATCHLINE – A202A

R.A. CRAWFORD & SON LAND & TIMBER, INC.
T9_R3_WELS013

PRC
PLAISTED VERY STONY LOAM
HSG: C

PLAN VIEW A204A
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG A9 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
A204

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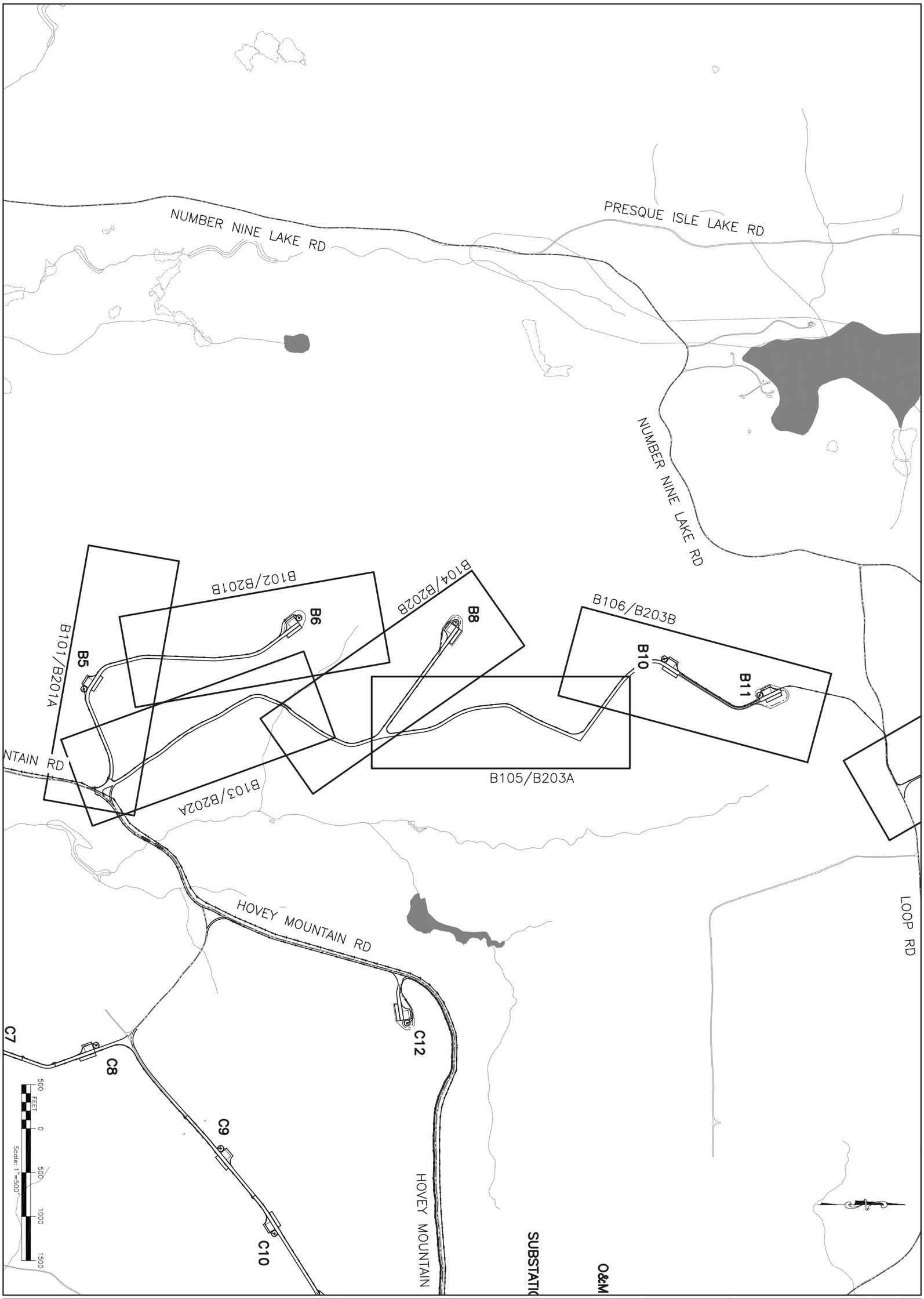

DRAWING NO.
B100A
SHEET 34 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM®

TITLE OF DRAWING
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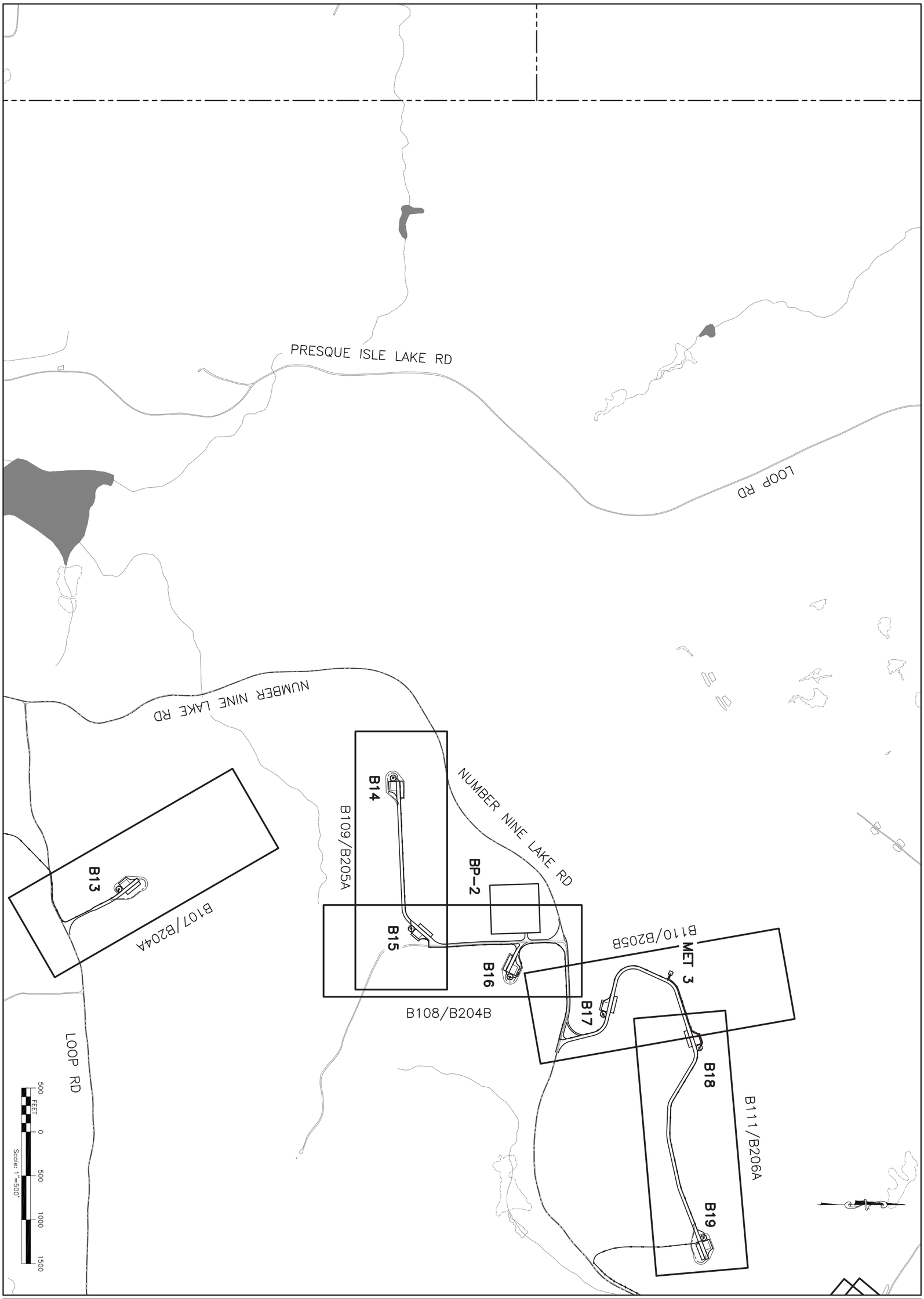

DRAWING NO.
B100B
SHEET 36 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
B-SHEETS INDEX PLAN SHEET 2

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LOOP RD
BB3
BB2
BB1
D5
D20
B114/B208A
B22
B21
B113/B207B
LY-3
B112/B207A
LOOP RD
NUMBER NINE LAKE RD
NUMBER NINE LAKE RD
SHORTCUT RD
CC27
CC26
BB22
BB21
SHORTCUT RD
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LOOP RD
BB23
SHORTCUT RD
CC25
CC24
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PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
B-SHEETS INDEX PLAN SHEET 3

DRAWING NO.
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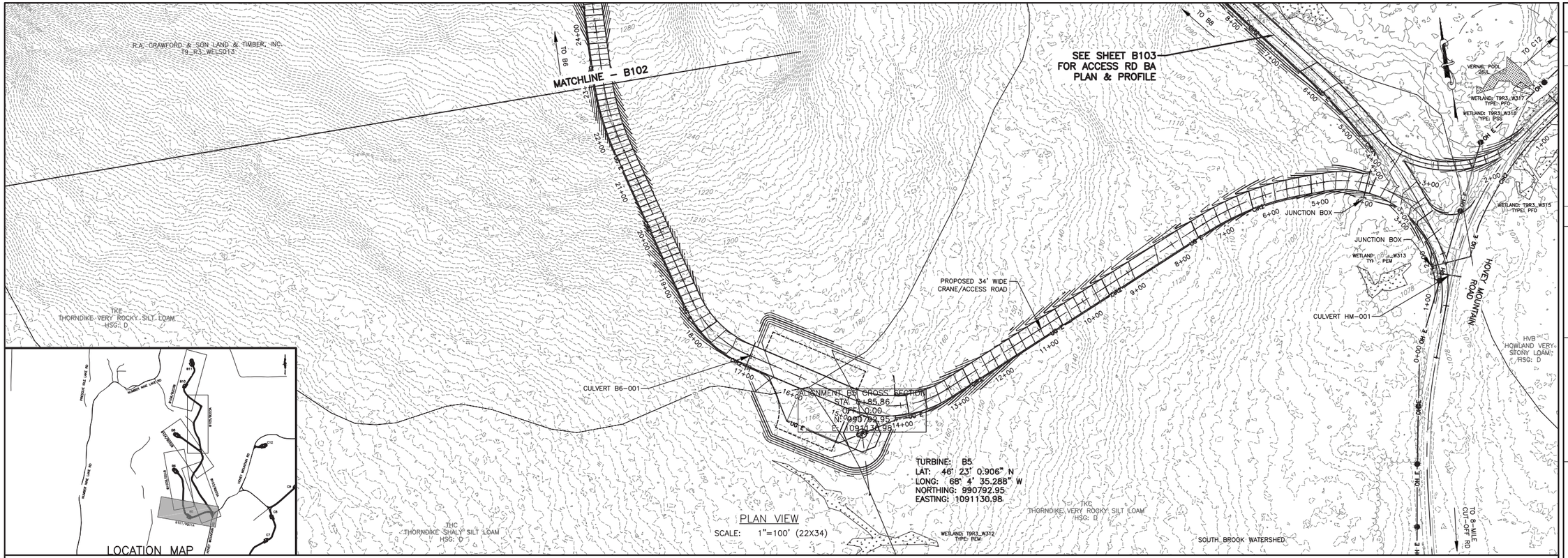

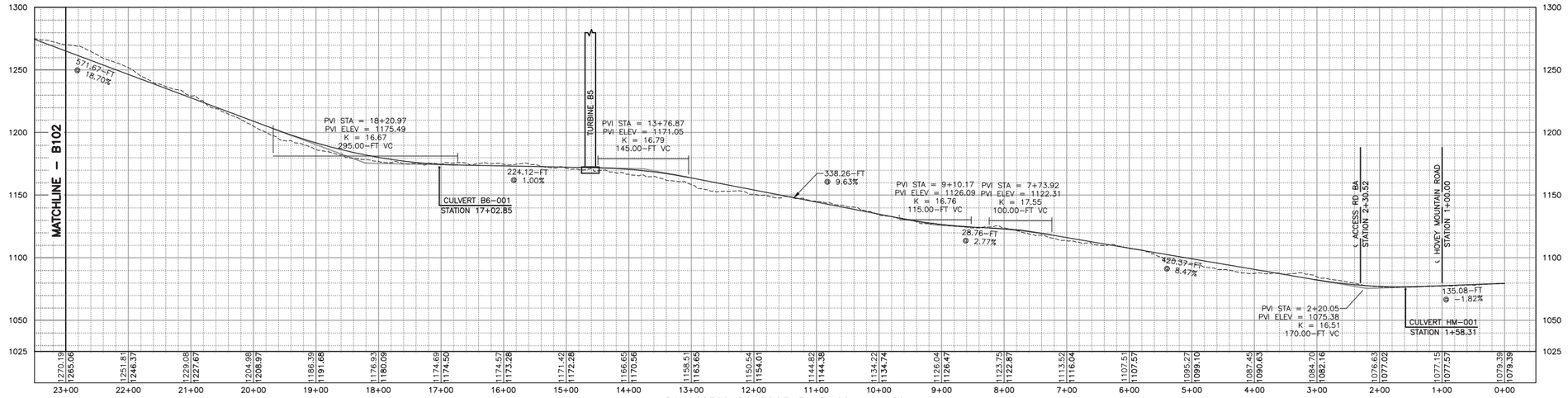

B6 ACCESS RD PROFILE 23+00 – 0+00
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Scale: 1"=100'

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NUMBER NINE WIND FARM

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NUMBER NINE WIND FARM
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PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B5 AND WTG B6 ACCESS ROAD PLAN SHEET

DRAWING NO.
B101

SHEET 37 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B101-B106 Sheets.dwg
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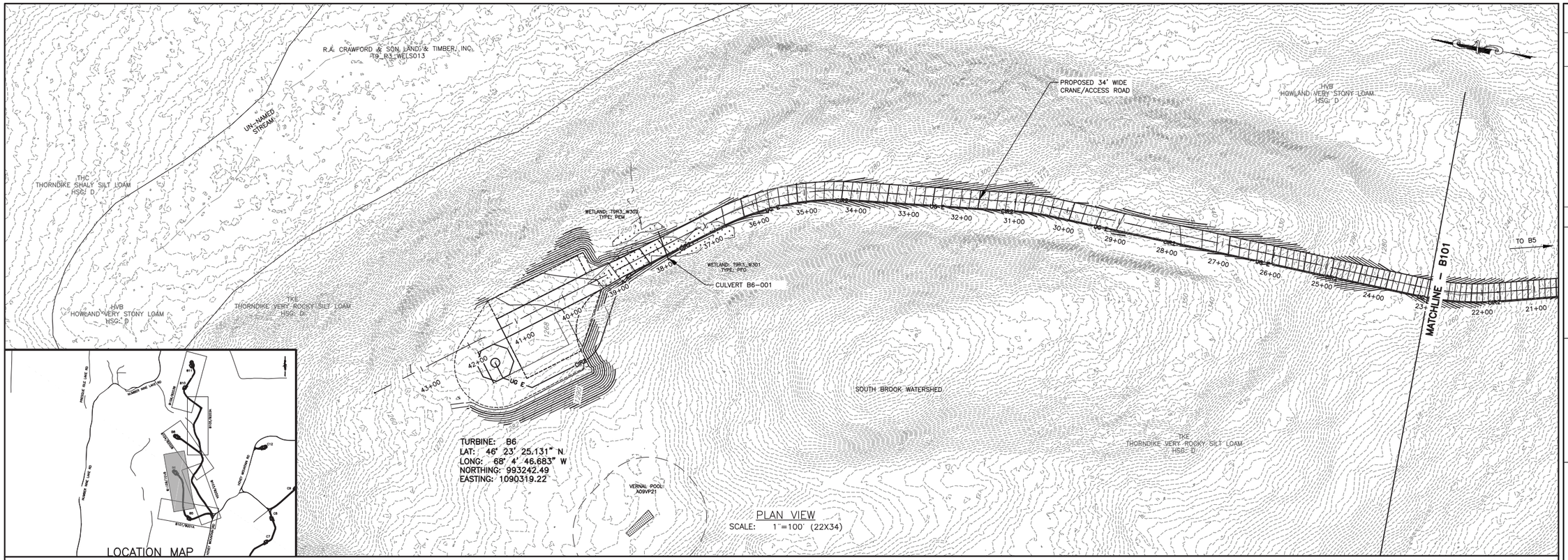
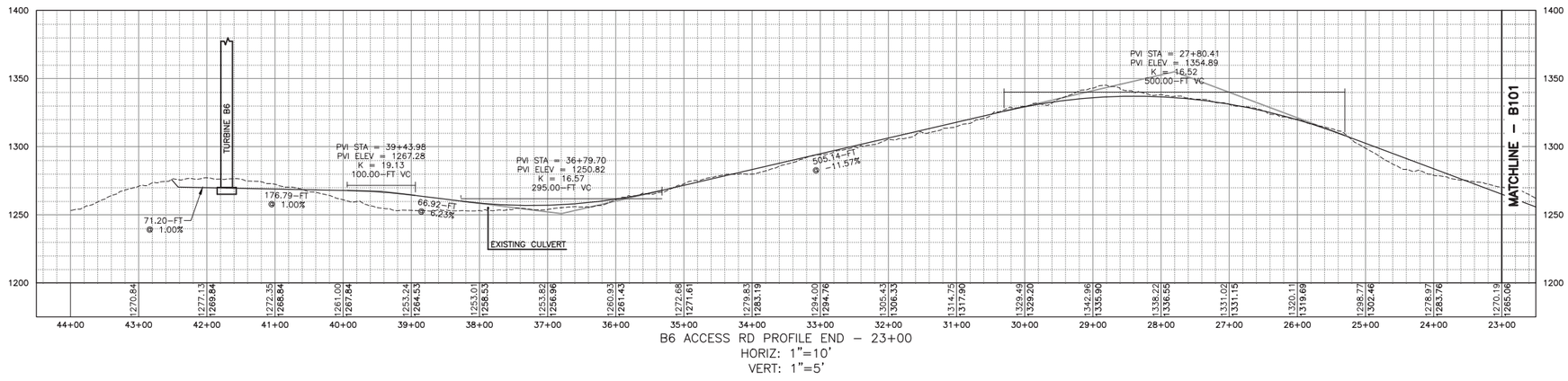
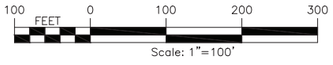
USER: Steven Mellott







REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM

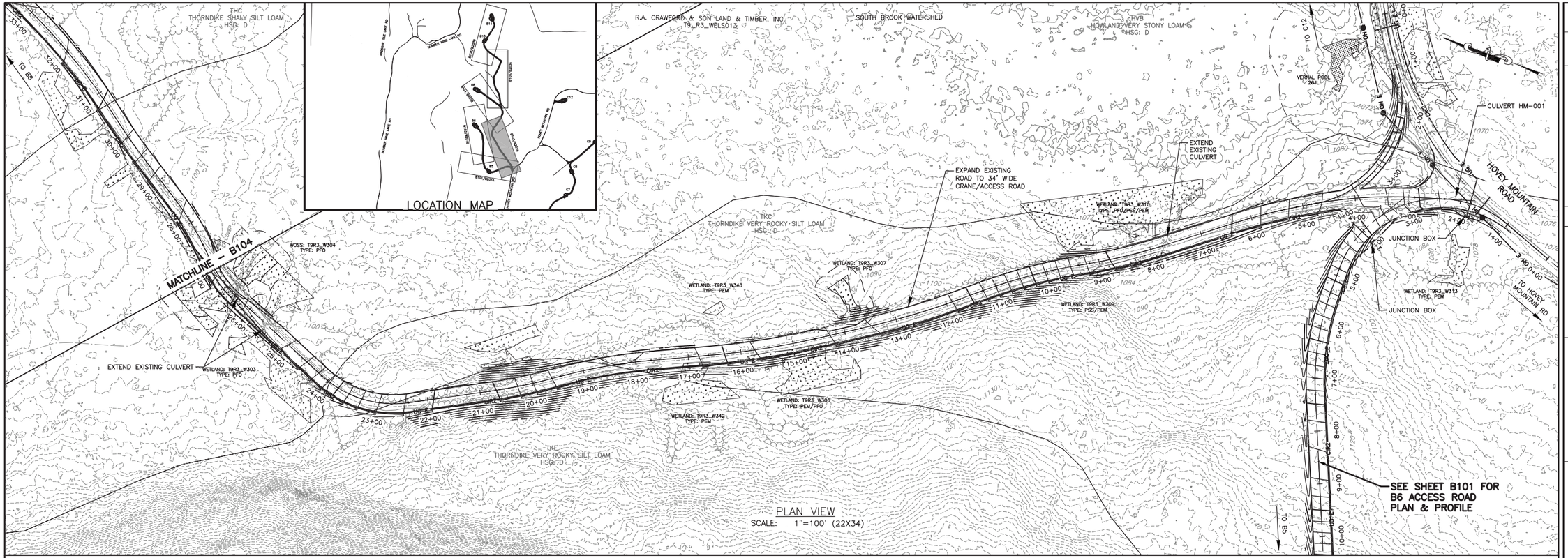
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

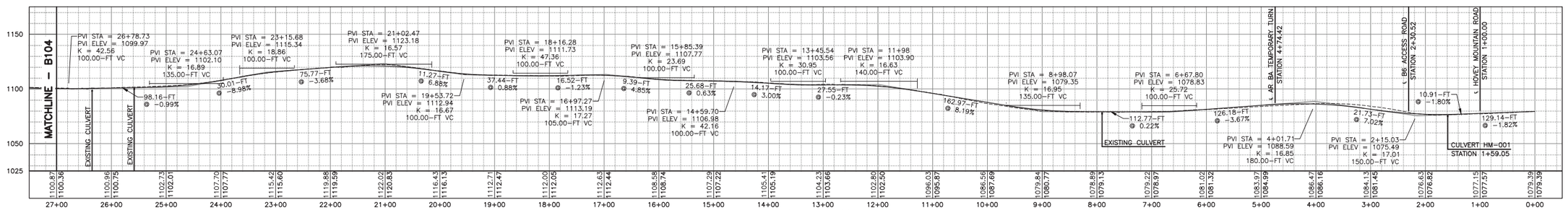
TITLE OF DRAWING
WTG B6 ACCESS ROAD PLAN SHEET

DRAWING NO.
B102

SHEET 38 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B101-B106 Sheets.dwg
DATE/TIME: 7/8/2015 7:48:52 AM
USER: Steven Mellott





BA ACCESS RD PROFILE 27+00 – 0+00
HORIZ: 1"=10'
VERT: 1"=5'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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PROJECT MANAGER
S. MELLOTT
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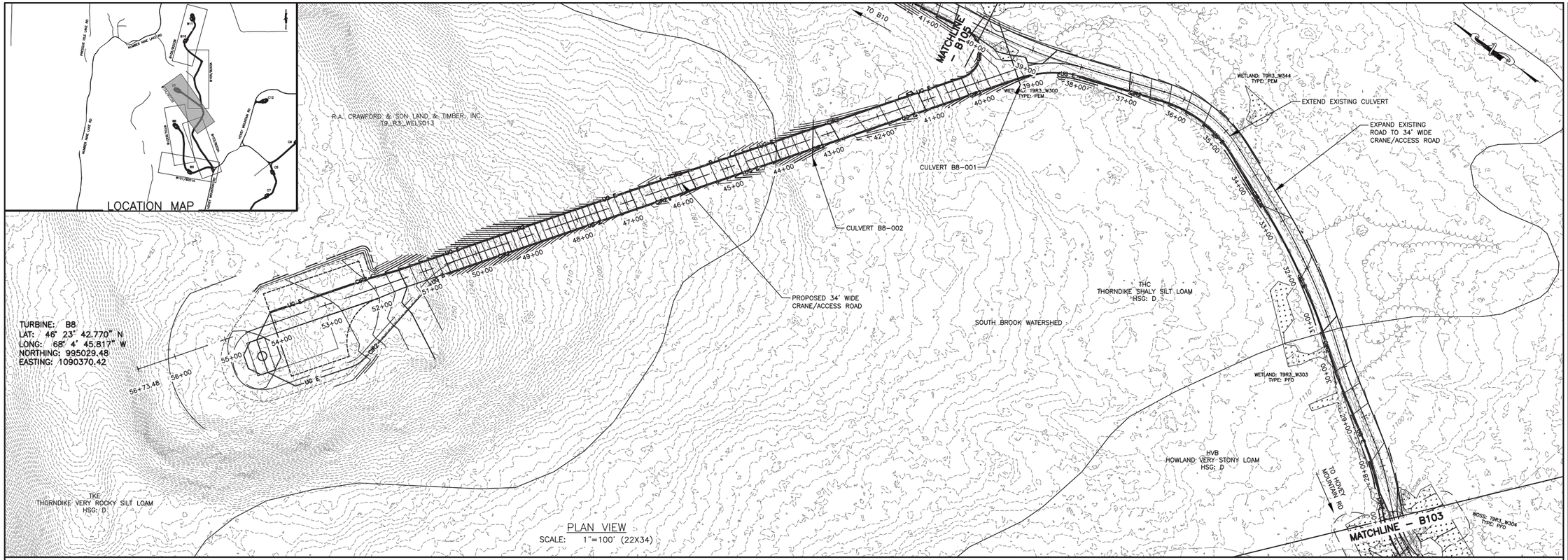
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

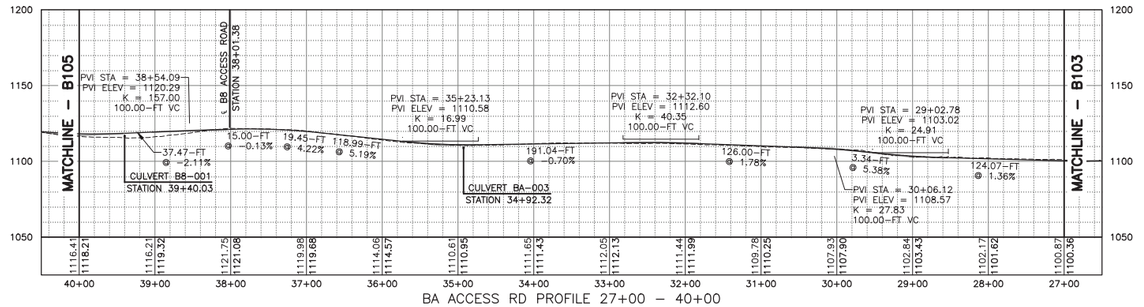
TITLE OF DRAWING
WTG B8 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
B103

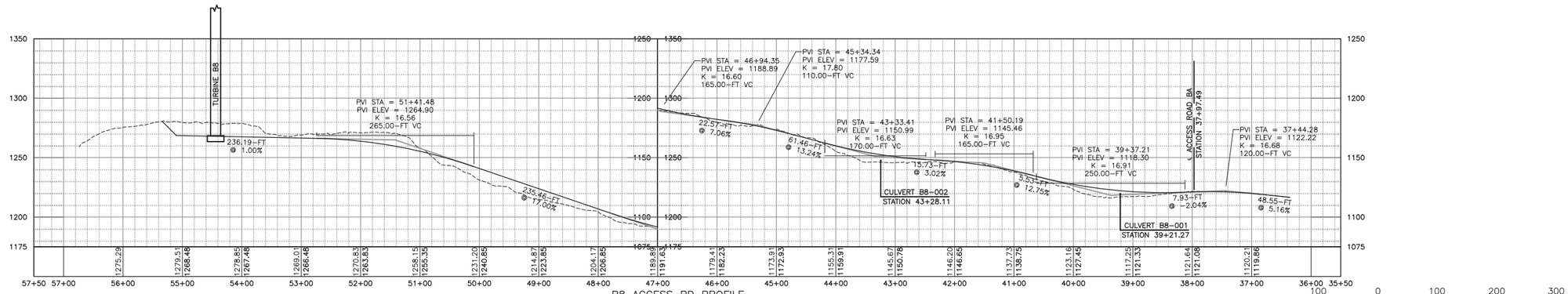
FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B101-B106 Sheets.dwg
DATE/TIME: 7/8/2015 7:49:32 AM
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)



BA ACCESS RD PROFILE 27+00 – 40+00
HORIZ: 1"=10'
VERT: 1"=5'



B8 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
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PROJECT MANAGER
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DRAWN BY:
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SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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135 Catherine Street, Bangor, ME 04401
Phone: 207.947.8275

NUMBER NINE WIND FARM

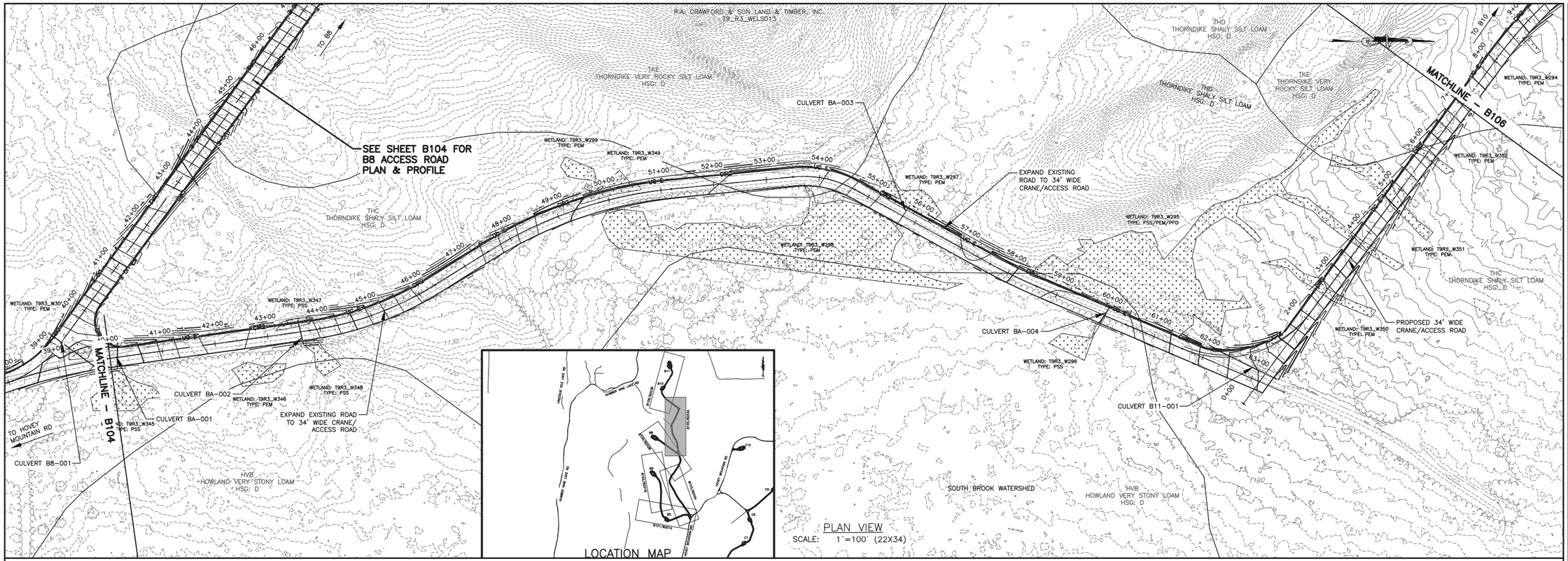
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

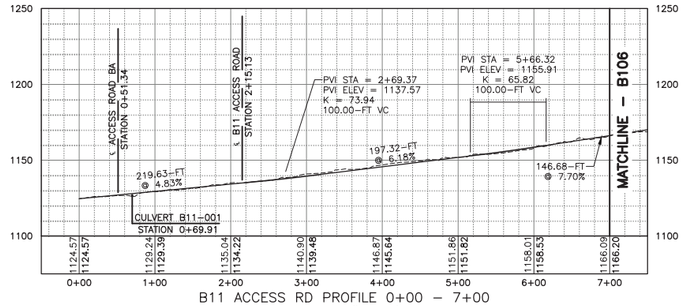
TITLE OF DRAWING
WTG B8 ACCESS ROAD PLAN SHEET 2

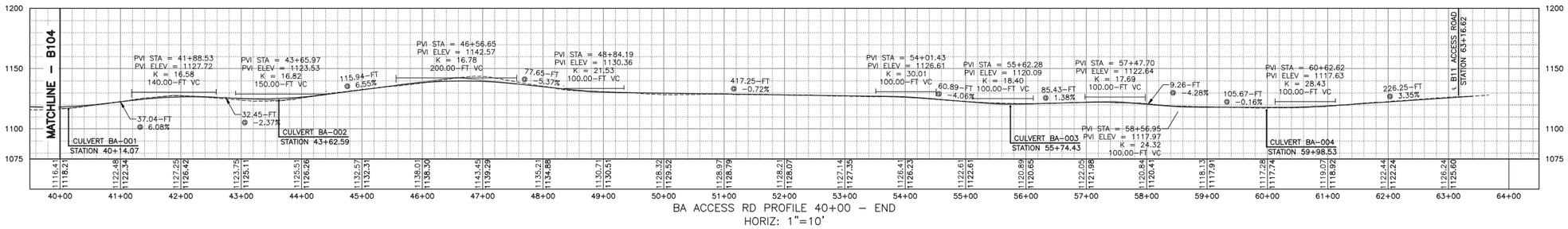
DRAWING NO.
B104

SHEET 40 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B101-B106 Sheets.dwg
DATE/TIME: 7/8/2015 7:50:22 AM
USER: Steven Mellott







100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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JULY 2015

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NUMBER NINE WIND FARM

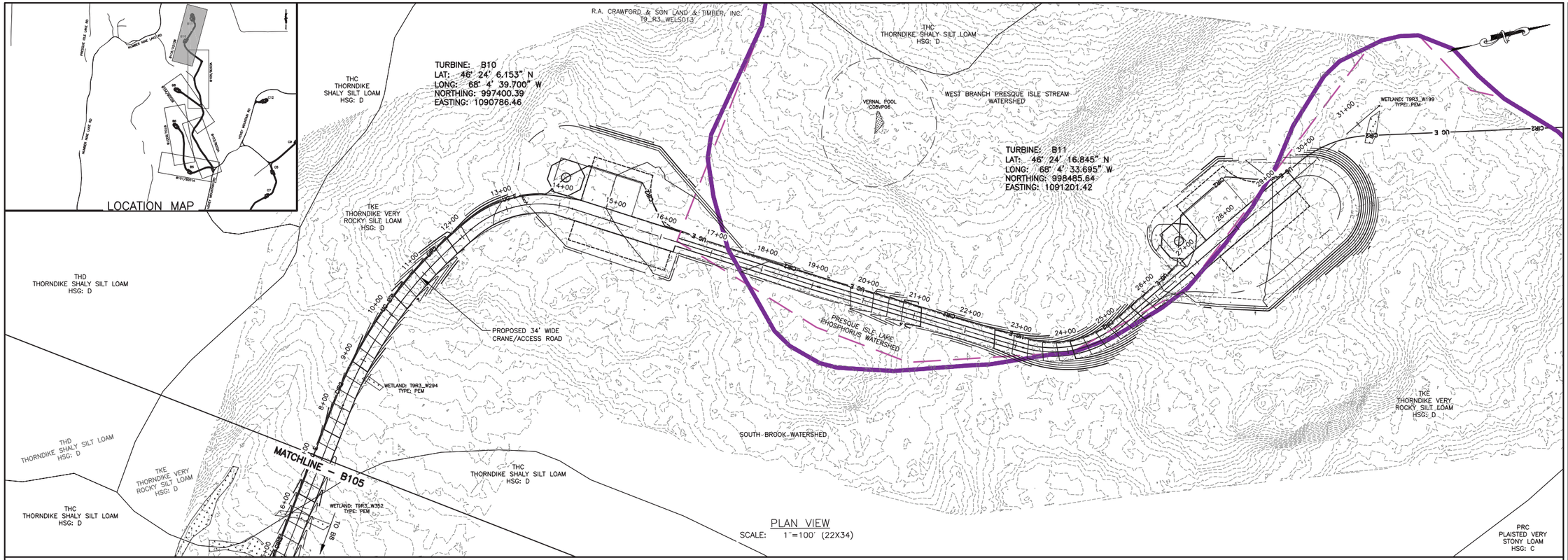
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

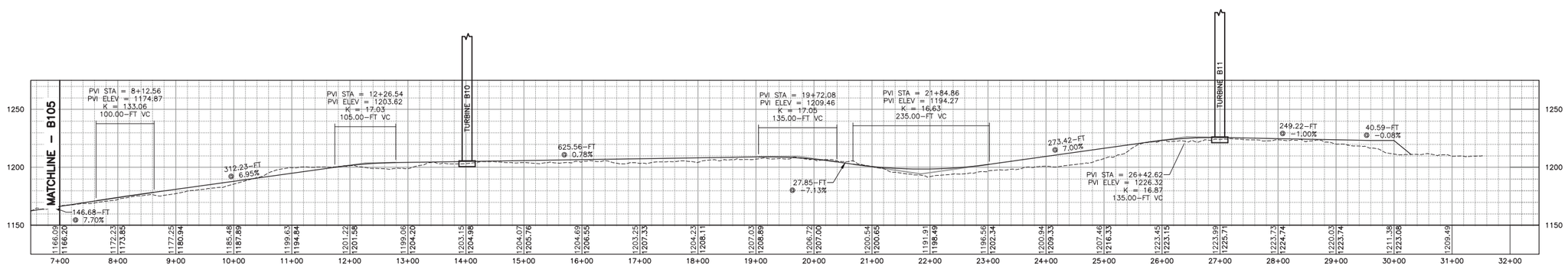
TITLE OF DRAWING
WTG B10 AND WTG B11 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
B105

SHEET 41 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B101-B106 Sheets.dwg
DATE/TIME: 7/8/2015 7:51:11 AM
USER: Steven Mellott





B11 ACCESS RD PROFILE 7+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B101-B106 Sheets.dwg
DATE/TIME: 7/8/2015 7:51:46 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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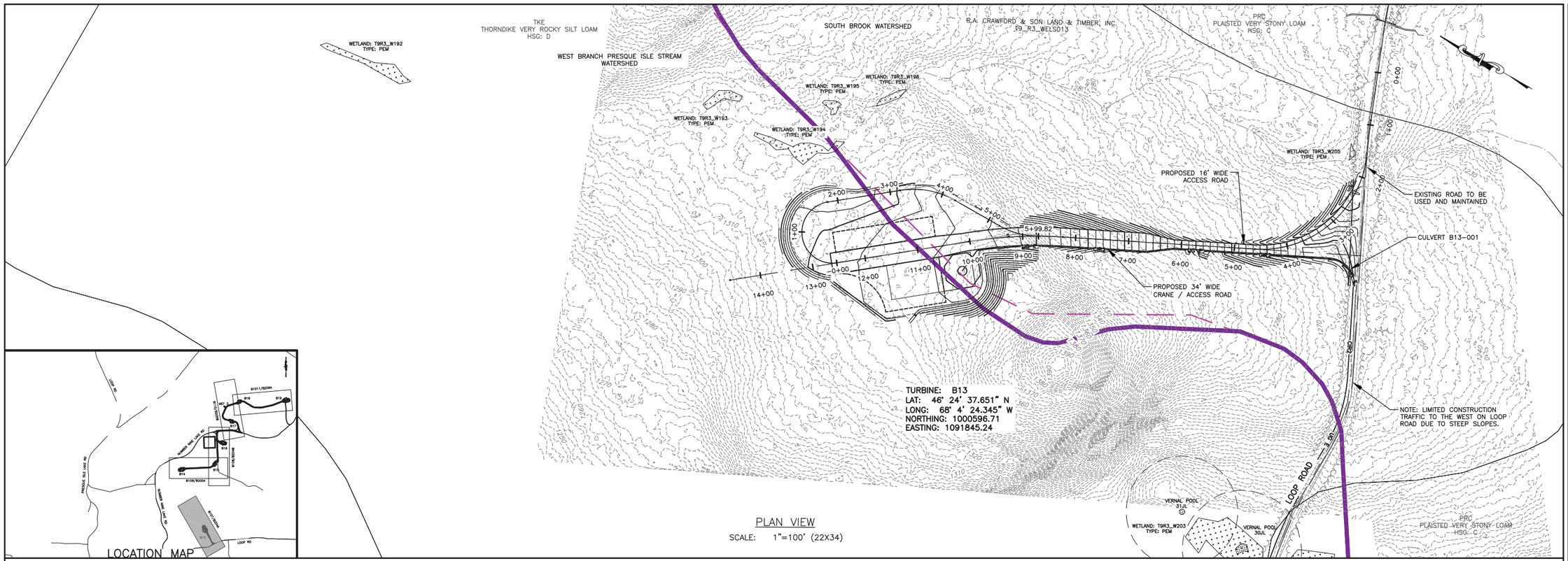
NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

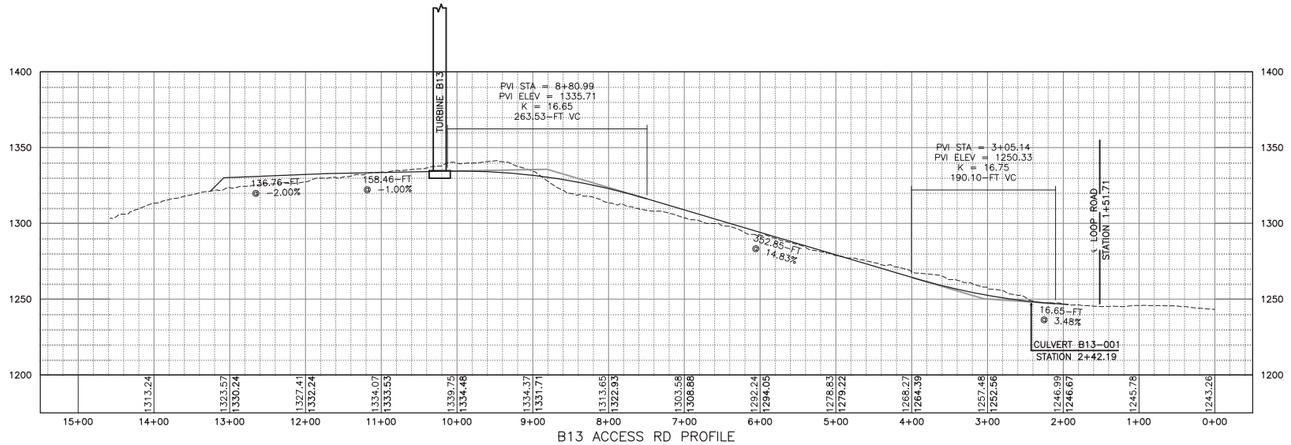
TITLE OF DRAWING
WTG B10 AND WTG B11 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
B106



PLAN VIEW
SCALE: 1"=100' (22X34)

LOCATION MAP



B13 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B13 ACCESS ROAD PLAN SHEET

DRAWING NO.
B107

SHEET 43 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B107-B111 Sheets.dwg
DATE/TIME: 7/8/2015 7:53:35 AM
USER: Steven Mellott

PRC
PLAISTED VERY STONY LOAM
HSG: C

MATCHLINE – B109

TO B14

R.A. CRAWFORD & SON LAND & TIMBER, INC.
T9_R3_WELS013

VERNAL POOL
DITCH

WETLAND: T9R3_W121
TYPE: PEM

WETLAND: T9R3_W120
TYPE: PEM

WETLAND: T9R3_W119
TYPE: PEM

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

CONCRETE BATCH PLANT–2
(SEE SHEET S104)

WEST BRANCH PRESQUE ISLE STREAM
WATERSHED

CULVERT B14–001

WETLAND: T9R3_W118
TYPE: PFO

WOSS: T9R3_W116
TYPE: PFO/PEM

NUMBER NINE LAKE ROAD

TURBINE: B15
LAT: 46° 25' 11.445" N
LONG: 68° 4' 17.636" W
NORTHING: 1004022.33
EASTING: 1092296.79

PROPOSED 34' WIDE
CRANE/ACCESS ROAD

MICROWAVE

MICROWAVE BEAM PATH
FRESNEL ZONE. CRANE
OPERATOR TO CONFIRM
ALLOWABLE HEIGHT OF
BOOM WHEN PASSING
THROUGH THIS AREA

WETLAND: T9R3_W123
TYPE: PEM

PROPOSED 34' WIDE
CRANE/ACCESS RD

CULVERT B16–001

WETLAND: T9R3_W122
TYPE: PEM

WETLAND: T9R3_
TYPE: PFO/PSS

PVB
PLAISTED AND HOWARD
VERY STONY LOAM
HSG: B

THD
THORNDIKE SHALY SILT LOAM
HSG: D

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

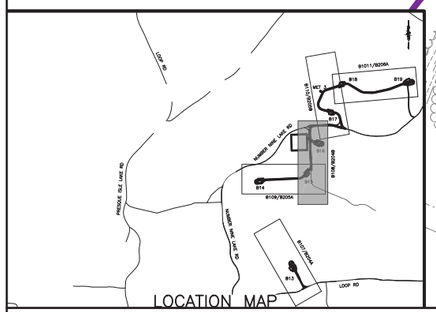
SEE SHEET B110
FOR PROFILE

TURBINE: B16
LAT: 46° 25' 22.507" N
LONG: 68° 4' 9.691" W
NORTHING: 1005145.9
EASTING: 1092847.22

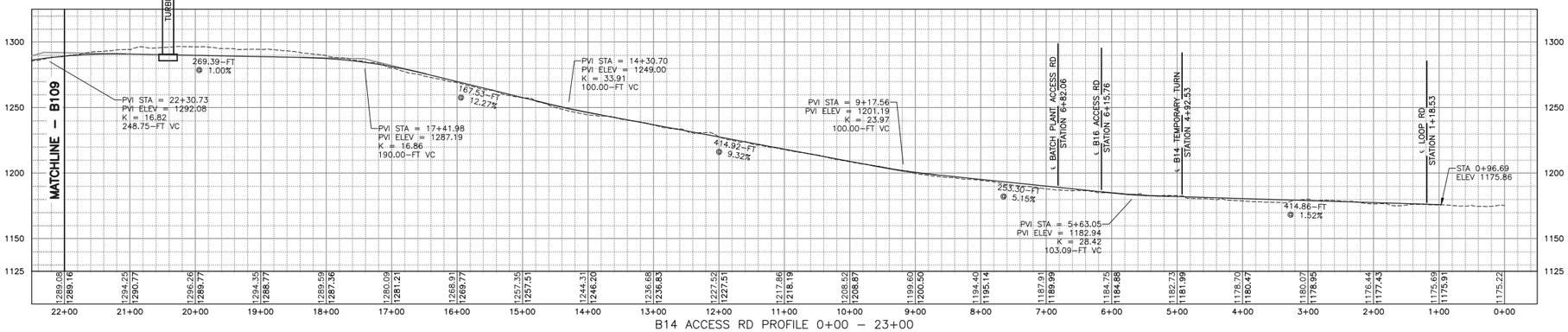
HOYT BROOK–NORTH BRANCH
MEDUXNEKEAG RIVER WATERSHED

TO B16

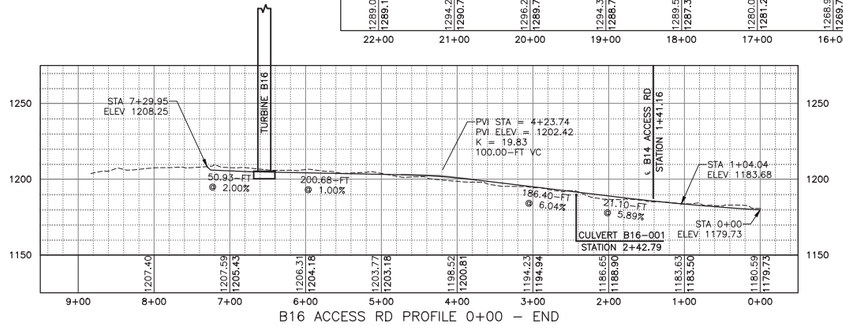
PLAN VIEW
SCALE: 1"=100' (22X34)



LOCATION MAP



B14 ACCESS RD PROFILE 0+00 – 23+00
HORIZ: 1"=100'
VERT: 1"=50'



B16 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Capitol Street, Suite 13 | P.O. Box 1407 | Augusta, ME 04332-1407
Phone: 207-623-8428 | Fax: 207-623-2914

NUMBER NINE WIND FARM

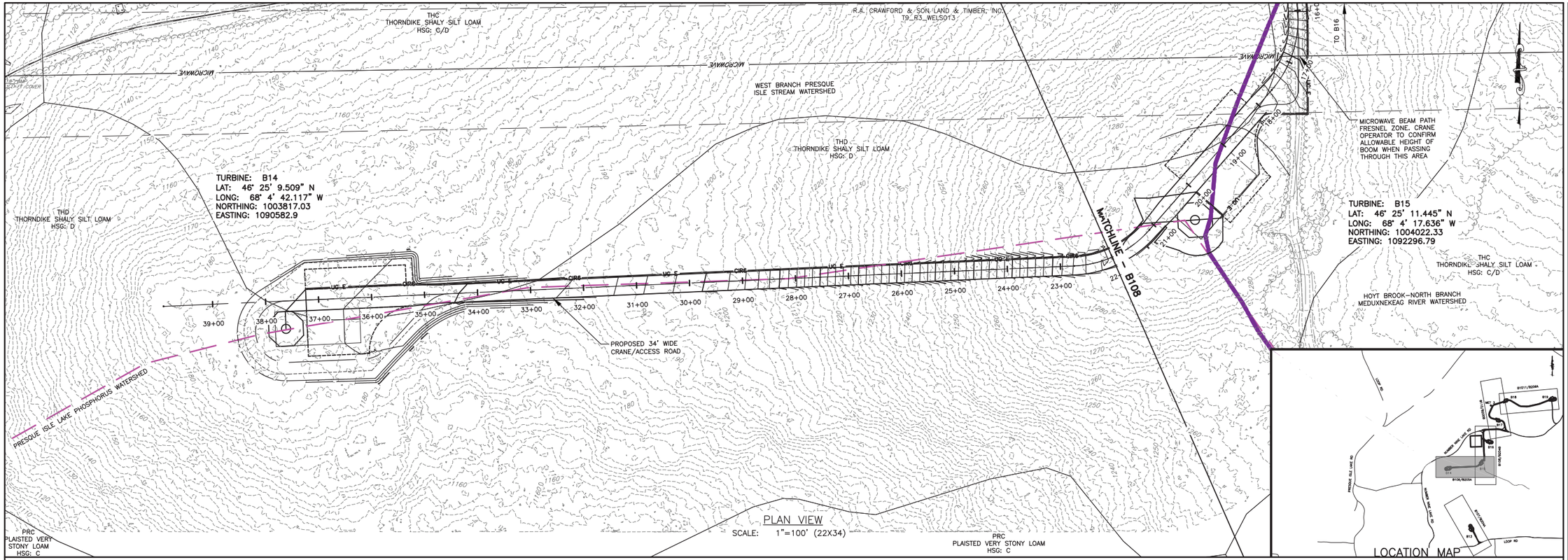
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

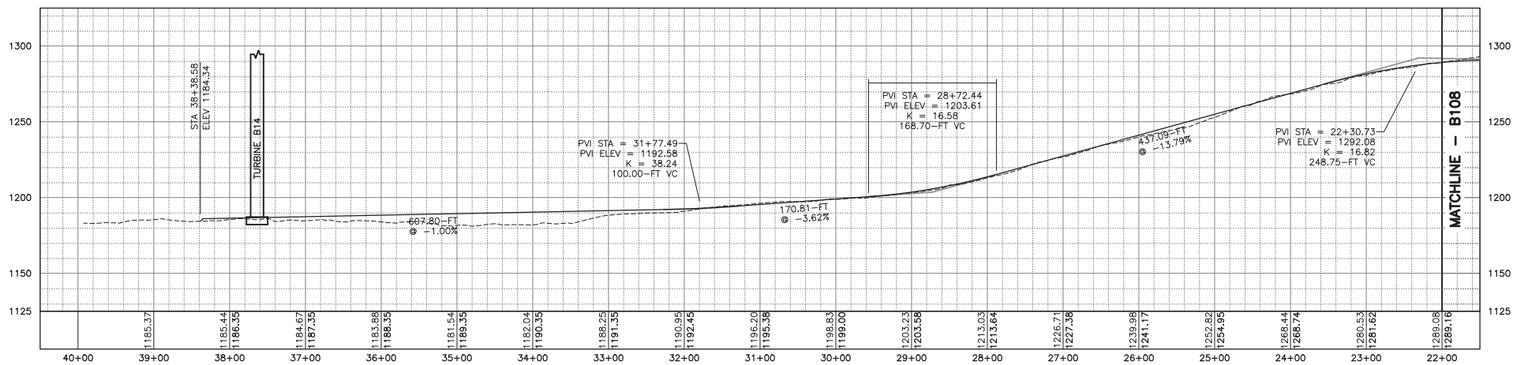
TITLE OF DRAWING
WTG B14, WTG B15 AND WTG B16 ACCESS ROAD PLAN SHEET

DRAWING NO.
B108

SHEET 44 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B107-B111 Sheets.dwg
DATE/TIME: 7/8/2015 7:54:19 AM
USER: Steven Mellott





B14 ACCESS RD PROFILE 23+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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135 Catron Street, Suite 1 Rochester, NY 14620
Phone: 585.334.1310

NUMBER NINE WIND FARM

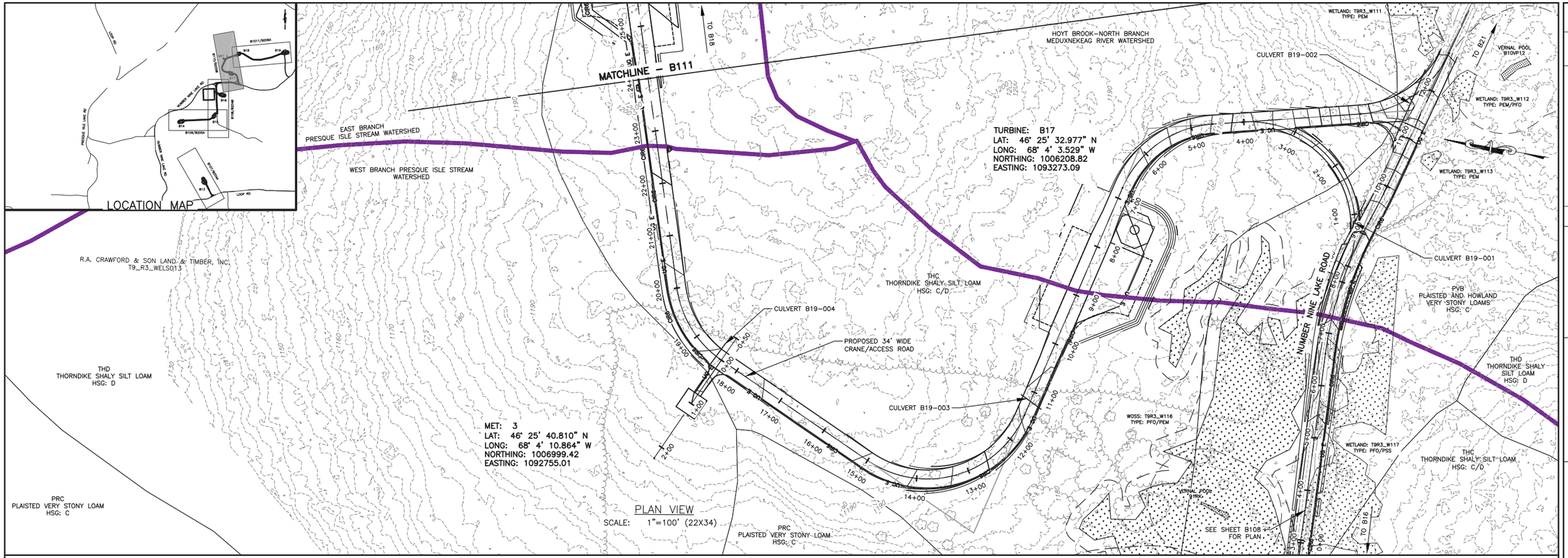
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B14 ACCESS ROAD PLAN SHEET

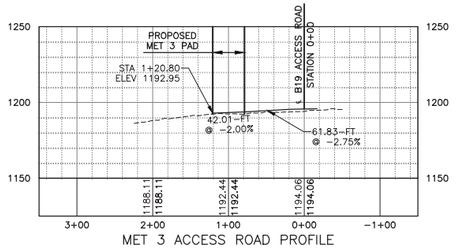
DRAWING NO.
B109

SHEET 45 OF 338

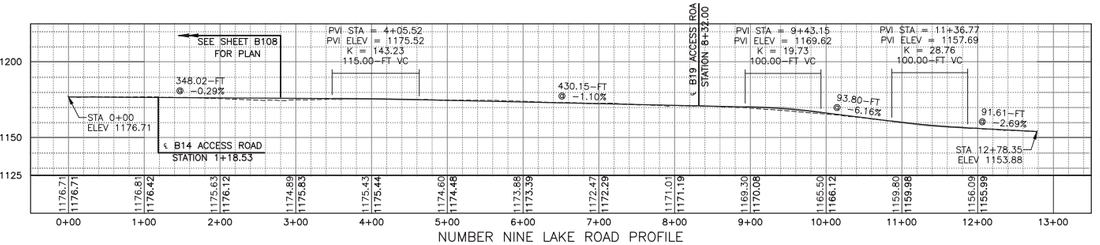
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B107-B111 Sheets.dwg
DATE/TIME: 7/8/2015 7:54:54 AM
USER: Steven Mellott



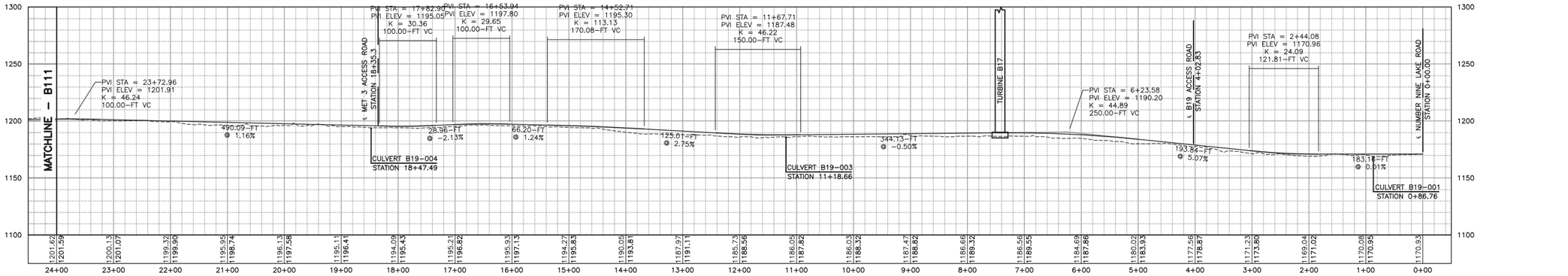
PLAN VIEW
SCALE: 1"=100' (22X34)



MET 3 ACCESS ROAD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



NUMBER NINE LAKE ROAD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



B19 ACCESS RD PROFILE 0+00 – 25+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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New York State Education Law Section 7209 states that it is a violation of professional ethics for any person to alter in any way, a survey, plat, plan or report prepared by a licensed professional unless such person is acting under the direction of a licensed professional and the alteration is noted in writing over the name and seal of such licensed professional. If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the altering engineer, land surveyor or landscape architect shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Catherine Street, Bangor, ME 04401
Phone: 207.947.1170

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B17 AND WTG B19 ACCESS ROAD PLAN SHEET

DRAWING NO.
B110

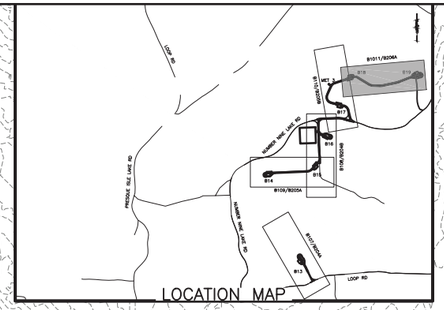
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B107-B111 Sheets.dwg
DATE/TIME: 7/8/2015 7:55:46 AM
USER: Steven Mellott

R.A. CRAWFORD & SON LAND & TIMBER, INC.
T9_R3_WELS013

THD
THORNDIKE SHALY SILT LOAM
HSG: D

TURBINE: B18
LAT: 46° 25' 43.758" N
LONG: 68° 3' 58.016" W
NORTHING: 1007302.95
EASTING: 1093653.25

TURBINE: B19
LAT: 46° 25' 44.108" N
LONG: 68° 3' 27.159" W
NORTHING: 1007350.41
EASTING: 1095814.32



LOCATION MAP

MATCHLINE – B110

TO B17

PROPOSED 34' WIDE
CRANE/ACCESS ROAD

EAST BRANCH PRESQUE ISLE STREAM

HOYT BROOK–NORTH BRANCH
MEDUNKEWEAG RIVER WATERSHED

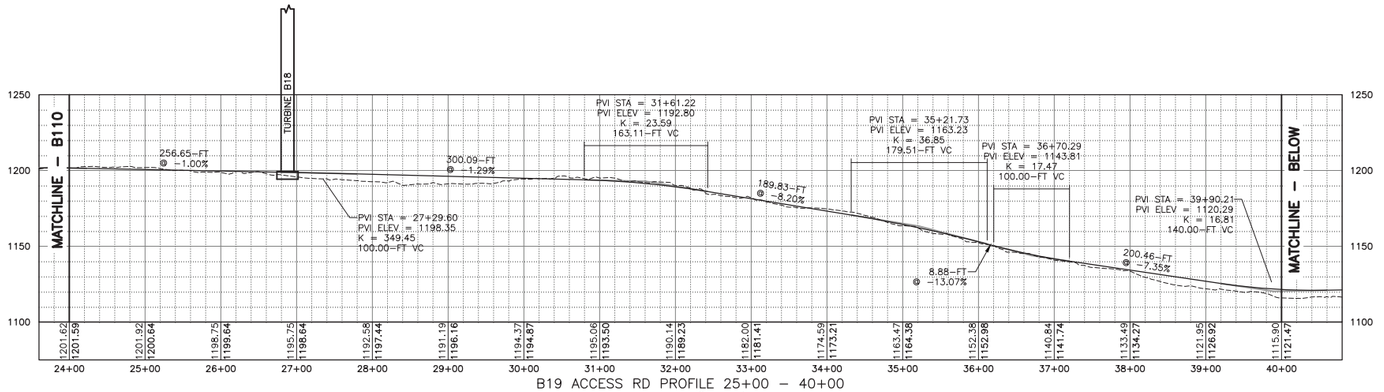
VERNAL POOL
33JL

VERNAL POOL
32JL

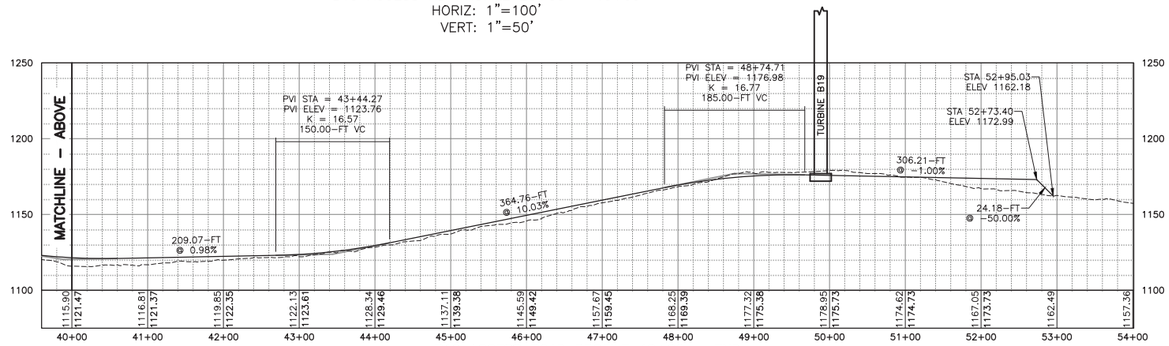
WETLAND: T9R3_W095
TYPE: PFO

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

PLAN VIEW
SCALE: 1"=100' (22X34)



B19 ACCESS RD PROFILE 25+00 – 40+00
HORIZ: 1"=100'
VERT: 1"=50'



B19 ACCESS ROAD PROFILE 40+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Commerce Way, Suite 102, Portland, ME 04103
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B18 AND WTG B19 ACCESS ROAD PLAN SHEET

DRAWING NO.
B111

SHEET 47 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B107-B111 Sheets.dwg
DATE/TIME: 7/8/2015 7:56:31 AM
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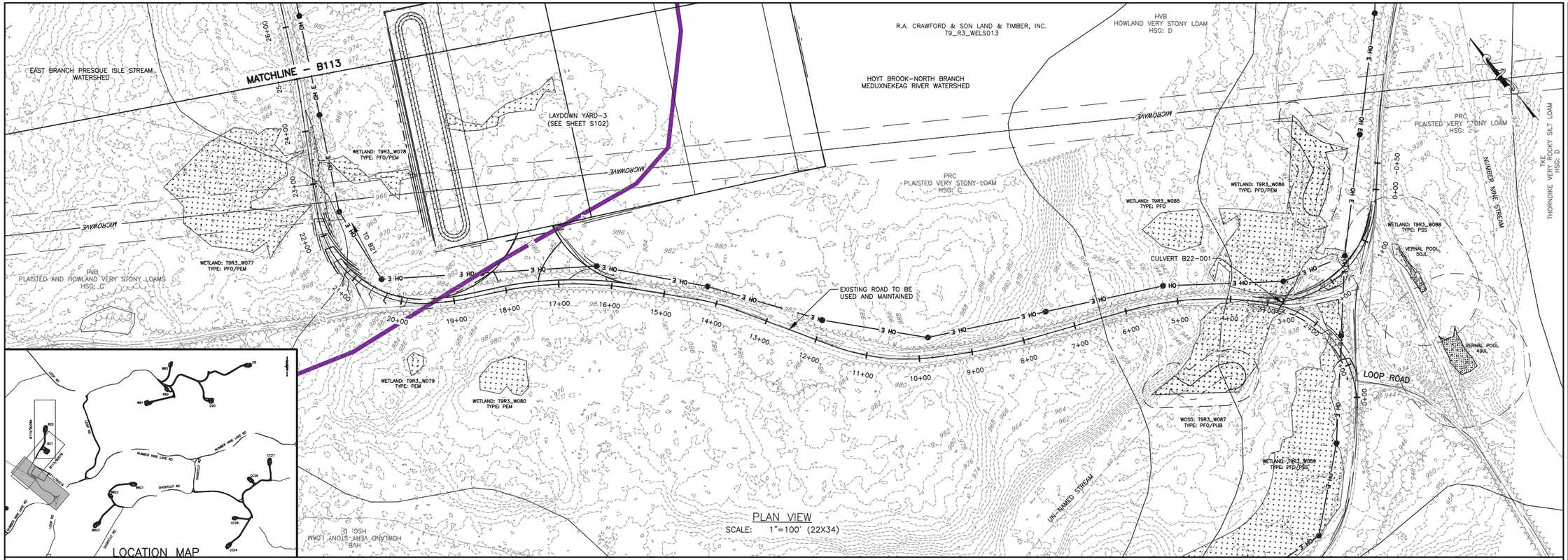

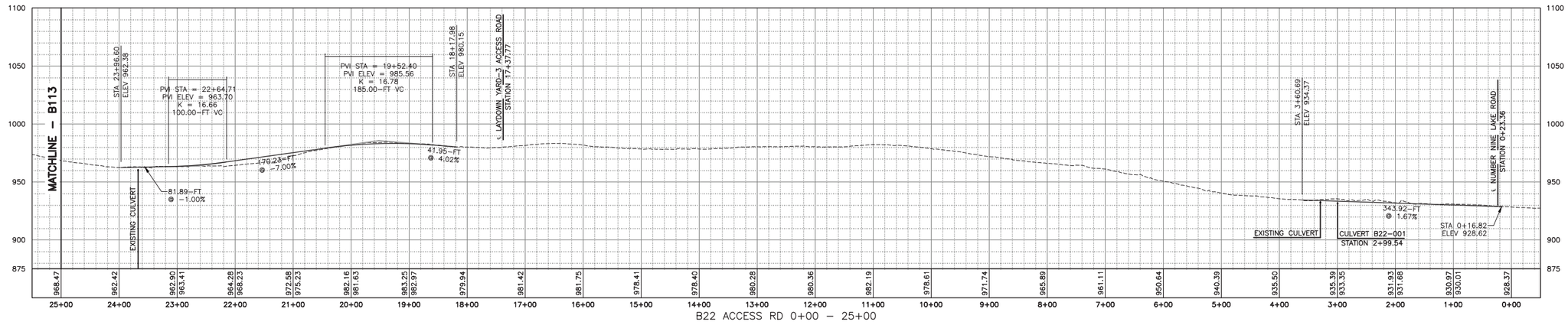

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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Phone: (207) 947-3133

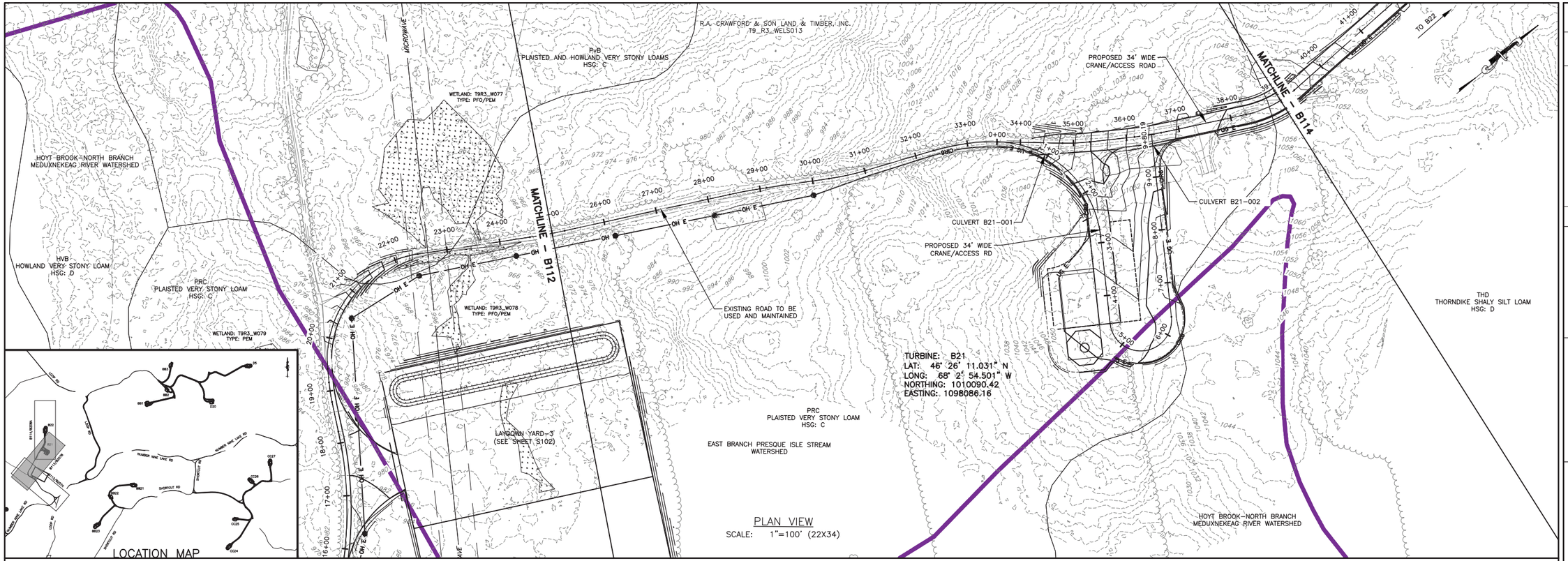
NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

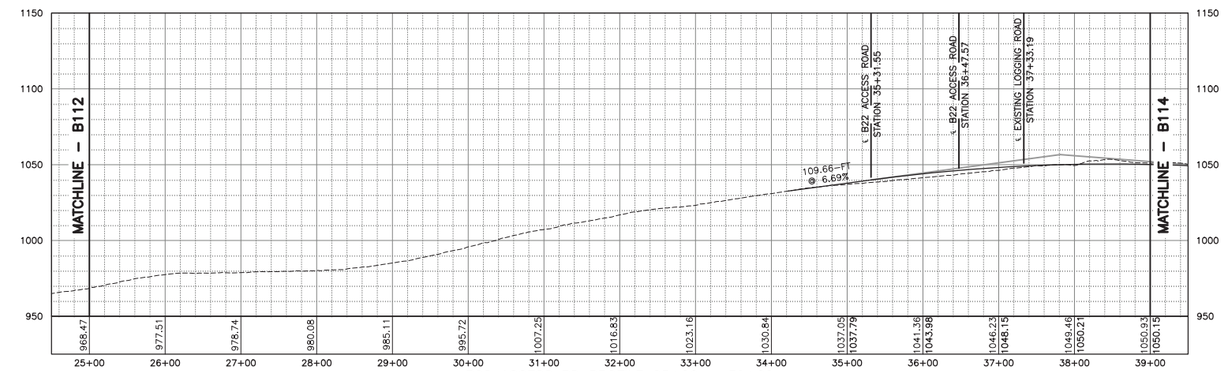
TITLE OF DRAWING
WTG B22 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
B112

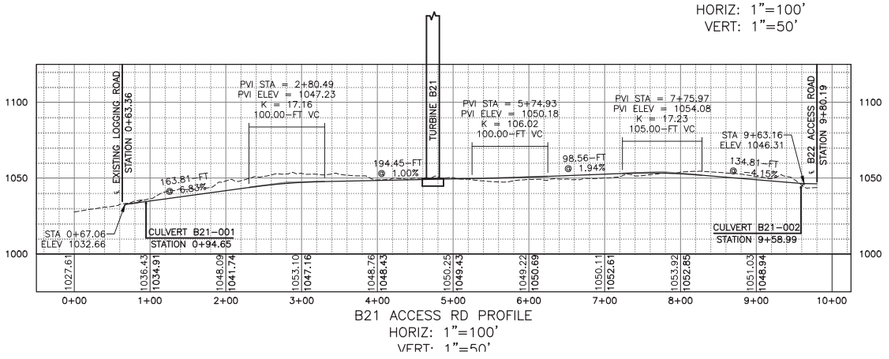
FILE NAME: H:\Projects\140009–Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B112–B114 Sheets.dwg
DATE/TIME: 7/8/2015 7:57:18 AM
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)



B22 ACCESS RD PROFILE 25+00 - 39+00
HORIZ: 1"=100'
VERT: 1"=50'



B21 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commercial Street, Suite 1, Portland, Maine 04101-4823
Ph: (207) 774-2277 Fax: (207) 774-2274
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NUMBER NINE WIND FARM

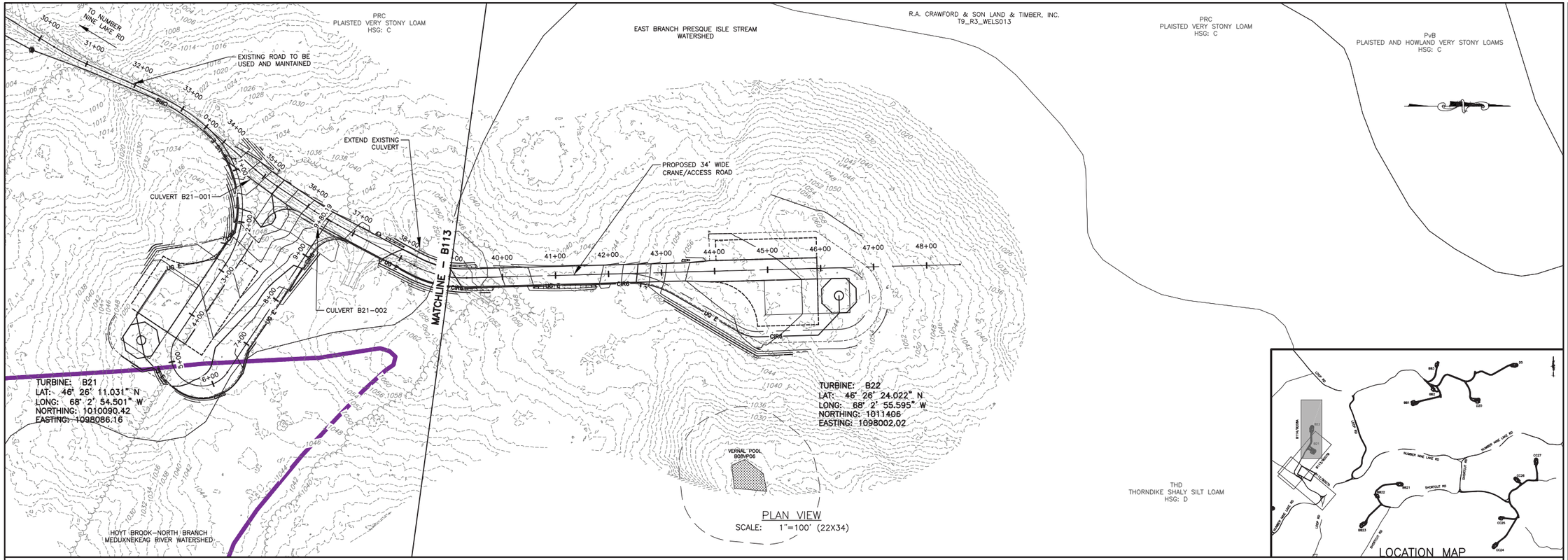
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

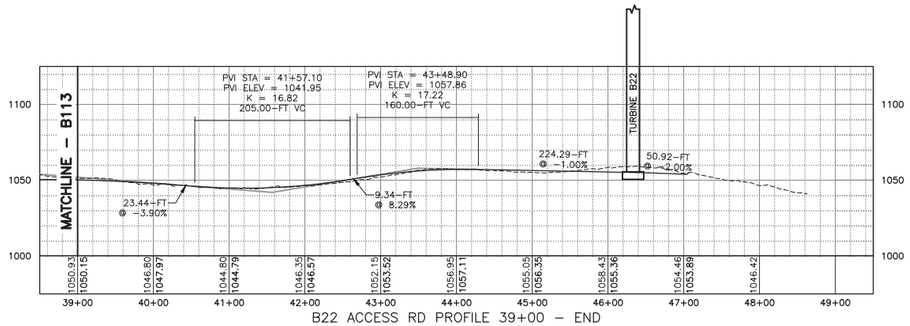
TITLE OF DRAWING
WTG B21 AND WTG B22 ACCESS ROAD PLAN SHEET

DRAWING NO.
B113

SHEET 49 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B112-B114 Sheets.dwg
DATE/TIME: 7/8/2015 7:57:43 AM
USER: Steven Mellott





100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Phone: 207.947.8873

NUMBER NINE WIND FARM

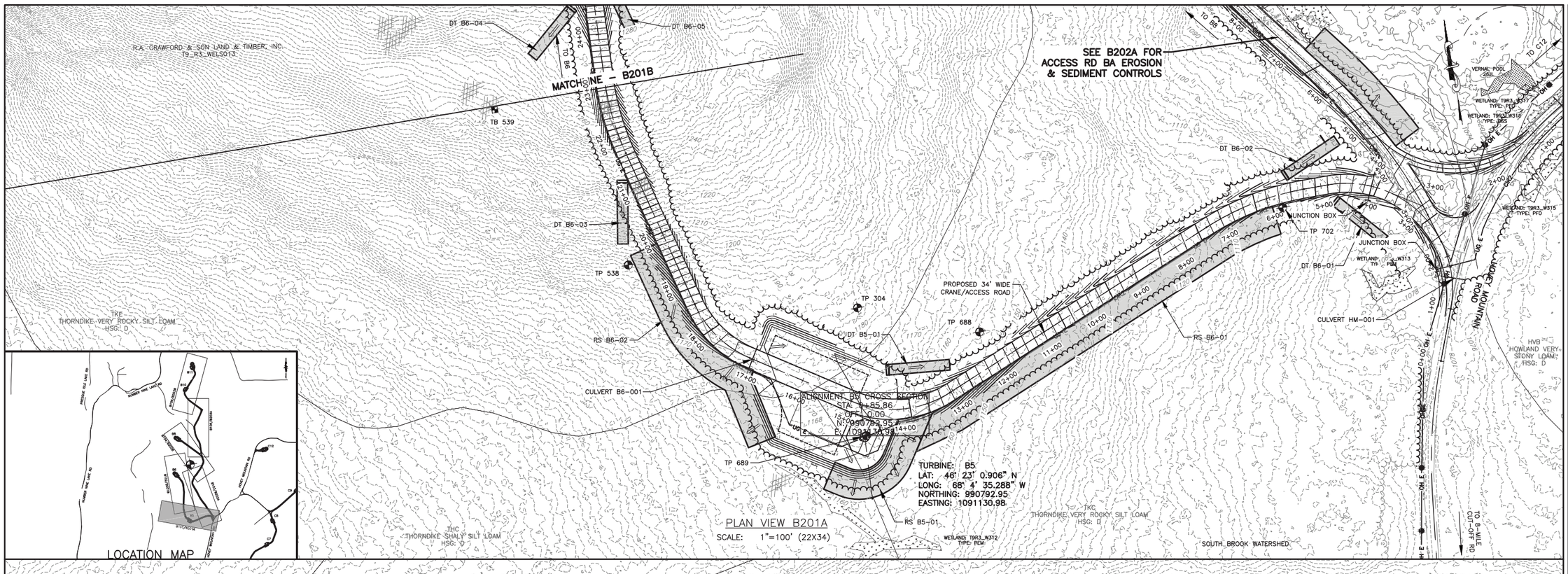
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B22 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
B114

SHEET 50 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B112-B114 Sheets.dwg
DATE/TIME: 7/8/2015 7:58:04 AM
USER: Steven Mellott



REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
121 Center Street, Rockland, ME 04841
Phone: 207-594-7677 Fax: 207-594-7670

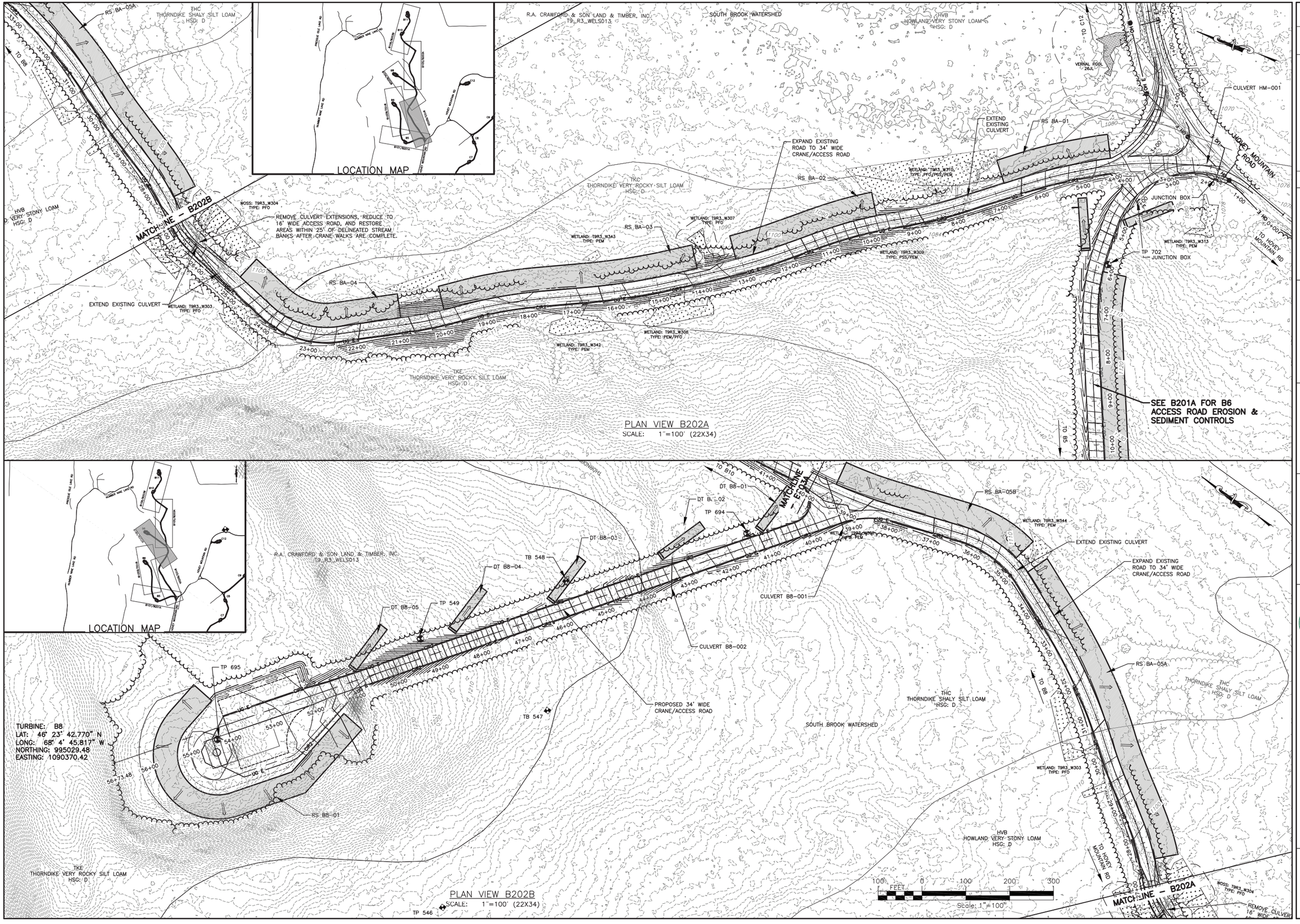
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B6 AND WTG B6 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
B201
SHEET 51 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B201-B203 Sheets.dwg
DATE/TIME: 7/8/2015 7:59:55 AM
USER: Steven Mellott



REV	DESCRIPTION	DATE	BY
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New York Water Exploration Law Section 7209 states that it is a violation of this section for any person, unless acting under the direction of a licensed surveyor, to deface any survey monument or property marker.

If an item bearing the seal of an engineer, land surveyor or landscape architect is affixed to any plan, specification, report or document, it shall be the item's duty that the seal and the signature and the date of such item's signature and the date of its seal appear on all copies made therefrom.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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130 Center Street, Rockland, ME 04841
Phone: 207-594-5335

NUMBER NINE WIND FARM

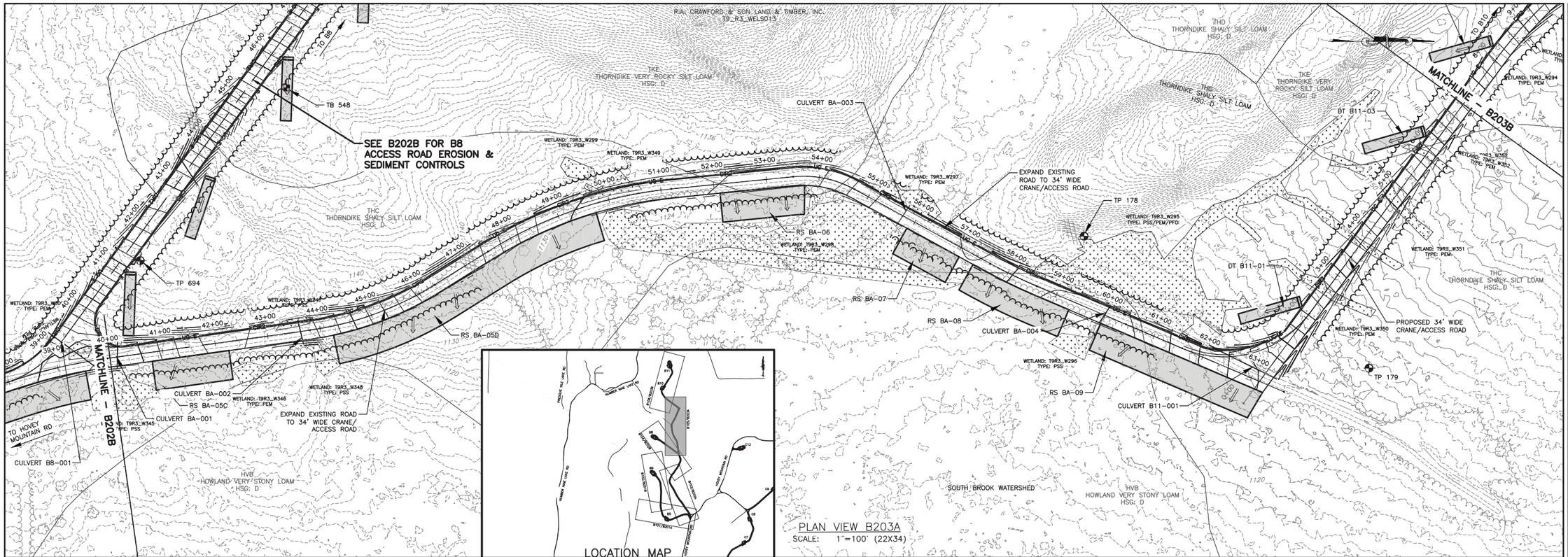
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B8 EROSION AND SEDIMENT CONTROL PLAN

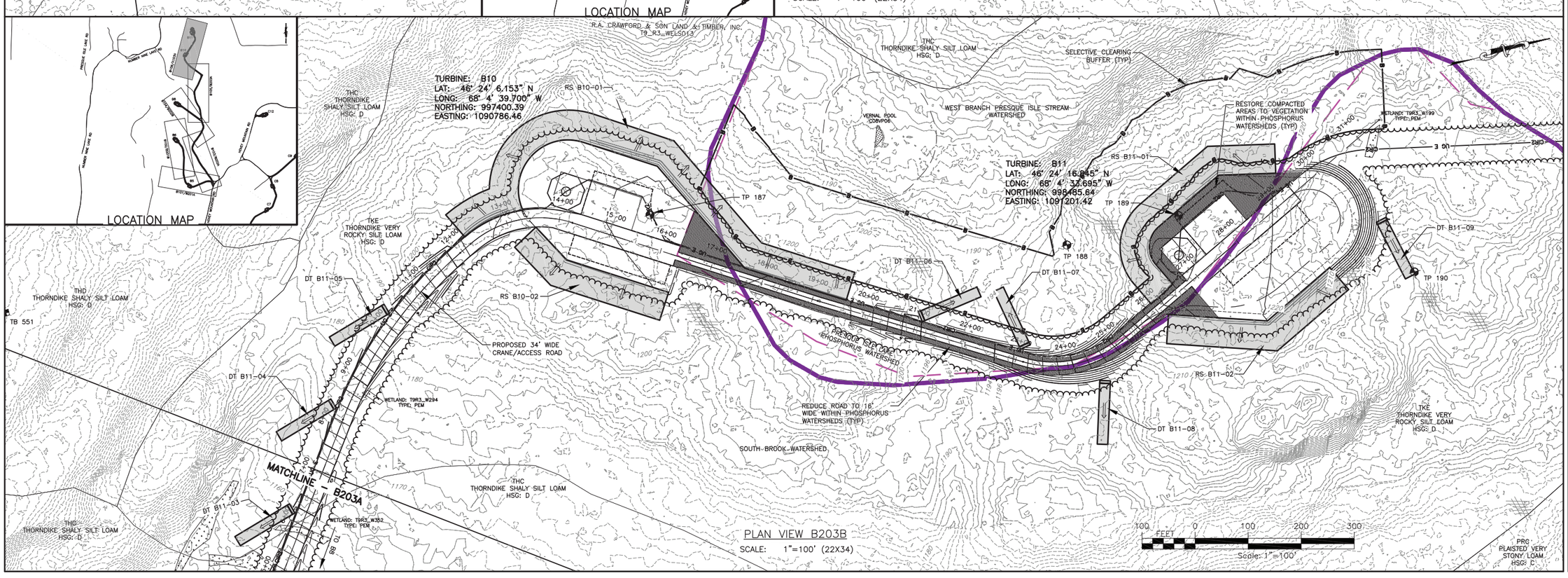
DRAWING NO.
B202

SHEET 52 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B201-B203 Sheets.dwg
DATE/TIME: 7/8/2015 8:00:36 AM
USER: Steven Mellott



PLAN VIEW B203A
SCALE: 1"=100' (22X34)



PLAN VIEW B203B
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
1			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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100 Cummings Center, Suite 235N, Beverly, MA 01915
Tel: (978) 921-2050 Fax: (978) 921-1822

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B10 AND WTG B11 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
B203
SHEET 53 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B201-B203 Sheets.dwg
DATE/TIME: 7/8/2015 8:01:05 AM
USER: Steven Mellott

TKE
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

WETLAND: T9R3_W192
TYPE: PEM

PRC
PLAISTED VERY STONY LOAM
HSG: C

TB 70

TB 552

TP 706

WETLAND: T9R3_W196
TYPE: PEM

WETLAND: T9R3_W195
TYPE: PEM

WETLAND: T9R3_W193
TYPE: PEM

WETLAND: T9R3_W194
TYPE: PEM

RESTORE COMPACTED AREAS TO VEGETATION WITHIN PHOSPHORUS WATERSHEDS (TYP)

RS B13-02

TP 554

RS B13-01

PROPOSED 16' WIDE ACCESS ROAD

WETLAND: T9R3_W205
TYPE: PEM

EXISTING ROAD TO BE USED AND MAINTAINED

CULVERT B13-001

DT B13-04

PROPOSED 34' WIDE CRANE / ACCESS ROAD

RS B13-03

DT B13-03

NOTE: LIMITED CONSTRUCTION TRAFFIC TO THE WEST ON LOOP ROAD DUE TO STEEP SLOPES.

TURBINE: B13
LAT: 46° 24' 37.651" N
LONG: 68° 4' 24.345" W
NORTHING: 1000596.71
EASTING: 1091845.24

VERNAL POOL 31JL

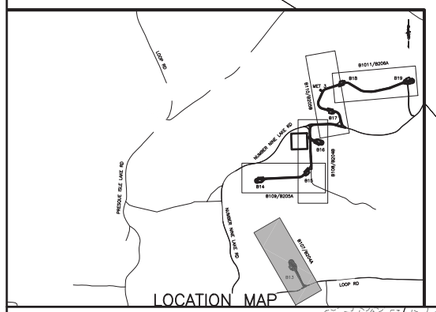
VERNAL POOL 30N

WETLAND: T9R3_W203
TYPE: PEM

PRC
PLAISTED VERY STONY LOAM
HSG: C

PLAN VIEW B204A
SCALE: 1"=100' (22X34)

LOCATION MAP



PRC
PLAISTED VERY STONY LOAM
HSG: C

TO B14

MATCHLINE – B205A

TP 709

RS B15-01

TP 31

TURBINE: B15
LAT: 46° 25' 11.445" N
LONG: 68° 4' 17.636" W
NORTHING: 1004022.33
EASTING: 1092296.79

RS B15-02

R.A. CRAWFORD & SON LAND & TIMBER, INC.
T9_R3_WELS013

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

WEST BRANCH PRESQUE ISLE STREAM WATERSHED

VERNAL POOL 01KN

WETLAND: T9R3_W121
TYPE: PEM

WETLAND: T9R3_W120
TYPE: PEM

WETLAND: T9R3_W119
TYPE: PEM

CONCRETE BATCH PLANT-2
(SEE SHEET S104)

CULVERT B14-001

DT B14-03

WETLAND: T9R3_W115
TYPE: PFO

WOSS: T9R3_W116
TYPE: PFO/PEM

NUMBER NINE ROAD

PROPOSED 34' WIDE CRANE/ACCESS ROAD

DT B14-02

DT B14-03

MICROWAVE BEAM PATH FRESNEL ZONE. CRANE OPERATOR TO CONFIRM ALLOWABLE HEIGHT OF BOOM WHEN PASSING THROUGH THIS AREA

WETLAND: T9R3_W123
TYPE: PEM

PROPOSED 34' WIDE CRANE/ACCESS RD

CULVERT B16-001

WETLAND: T9R3_W122
TYPE: PEM

WETLAND: T9R3_W117
TYPE: PFO/PSS

PVB
PLAISTED AND HOWARD
VERY STONY LOAMS
HSG: C

SEE SHEET B108 FOR PLAN

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

THD
THORNDIKE SHALY SILT LOAM
HSG: D

TB 67

HOYT BROOK-NORTH BRANCH MEDUXNEKEAG RIVER WATERSHED

RS B16-01

SEE SHEET B110 FOR PROFILE

TURBINE: B16
LAT: 46° 25' 22.507" N
LONG: 68° 4' 9.691" W
NORTHING: 1005145.9
EASTING: 1092847.22

TO B18

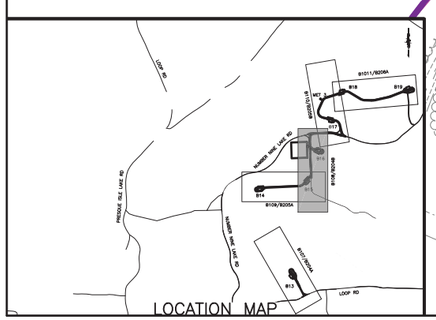
TO B19

TP 712

TP 68

PLAN VIEW B204B
SCALE: 1"=100' (22X34)

LOCATION MAP



REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
100 Corporate Parkway, Suite 335, Buffalo, New York 14226 (716) 853-1446

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B13, B14, B15 AND B16 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
B204

SHEET 54 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B204-B206 Sheets.dwg
DATE/TIME: 7/9/2015 7:36:01 AM
USER: Steven Mellott

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

R.A. CRAWFORD & SON LAND & TIMBER, INC.
T9_R3_WELS013

MICROWAVE

WEST BRANCH PRESQUE ISLE STREAM WATERSHED

THD
THORNDIKE SHALY SILT LOAM
HSG: D

TURBINE: B14
LAT: 46° 25' 9.509" N
LONG: 68° 4' 42.117" W
NORTHING: 1003817.03
EASTING: 1090582.9

RS B14-01
DT B14-08
DT B14-07
DT B14-06
DT B14-05
DT B14-04
CIRC
UC-E
UC-S
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R.A. CRAWFORD & SON LAND & TIMBER, INC.
T9_R3_WELS013

THD
THORNDIKE SHALY SILT LOAM
HSG: D

TURBINE: B18
LAT: 46° 25' 43.758" N
LONG: 68° 3' 58.016" W
NORTHING: 1007302.95
EASTING: 1093653.25

TURBINE: B19
LAT: 46° 25' 44.108" N
LONG: 68° 3' 27.159" W
NORTHING: 1007350.41
EASTING: 1095814.32

LOCATION MAP

TB 60
RS B19-01
TP 61
TB 64
RS B19-03
TP 716
TP 63
MATCHLINE – B205B
TO B17
DT B19-09
DT B19-08
DT B19-07
DT B19-06
DT B19-05
DT B19-04
DT B19-03
DT B19-02
PROPOSED 34' WIDE CRANE/ACCESS ROAD
RS B19-02
TP 715
TP 714
TP 391
WETLAND: TYR3_W095 TYPE: PFO
VERNAL POOL 33JL
VERNAL POOL 32JL
EAST BRANCH PRESQUE ISLE STREAM
HOYT BROOK-NORTH BRANCH MEDUNKEAG RIVER WATERSHED
THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

PLAN VIEW B206A
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
1			
2			
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7			

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Center Drive, Orono, ME 04473
Phone: 866.933.1138

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B18 AND WTG B19 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
B206

SHEET 56 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B204-B206 Sheets.dwg
DATE/TIME: 7/8/2015 8:03:26 AM
USER: Steven Mellott

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B207-B208 Sheets.dwg
DATE/TIME: 7/8/2015 8:04:33 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
131 Main Street, Suite 1, Hampden, Maine 04444
Phone: 866-934-7870 Fax: 866-934-7871

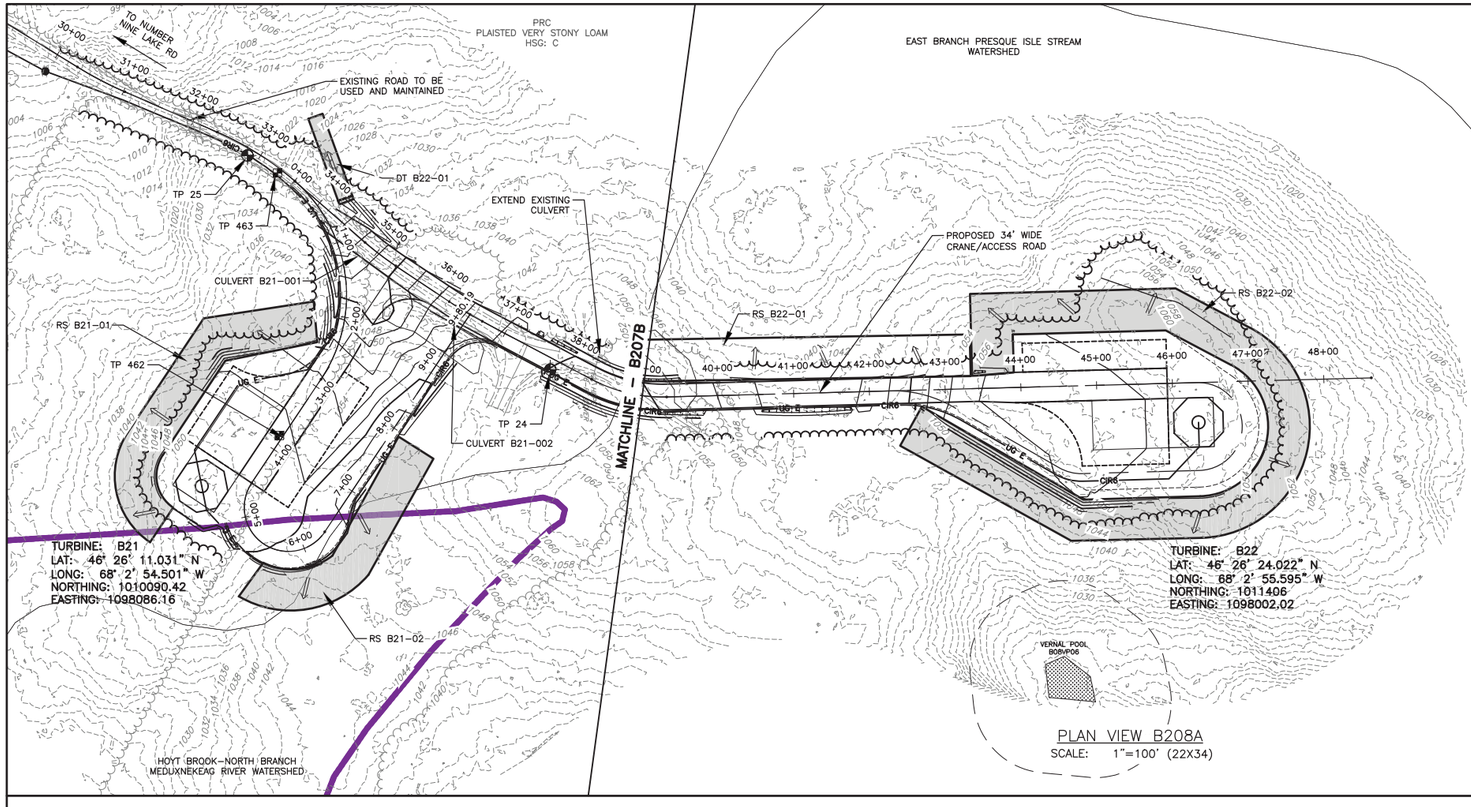
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

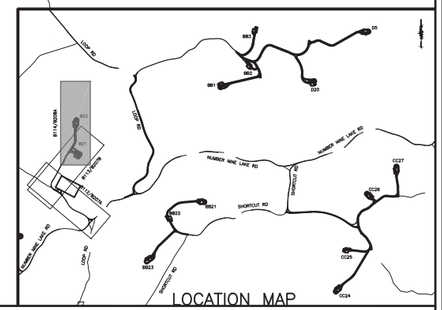
TITLE OF DRAWING
WTG B21 AND WTG B22 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
B207

SHEET 57 OF 338



PLAN VIEW B208A
SCALE: 1"=100' (22X34)



100 FEET 0 100 200 300
Scale: 1"=100'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catron Street, Suite 101, Rochester, NY 14620
Phone: 585.334.1310

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG B22 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
B208

SHEET 58 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 B207-B208 Sheets.dwg
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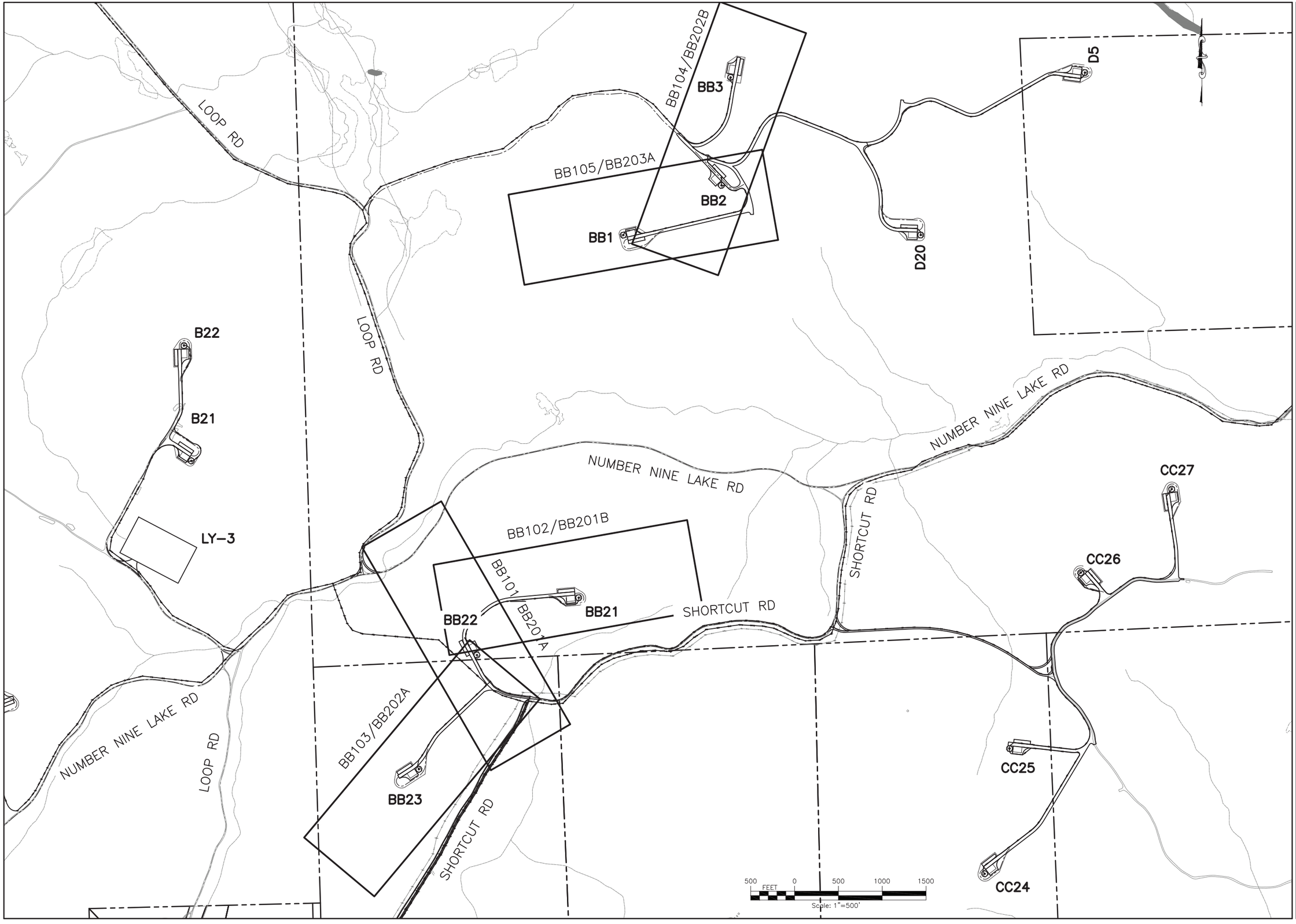

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DATE/TIME: 7/8/2015 8:06:39 AM
USER: Steven Mellott

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140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
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JULY 2015

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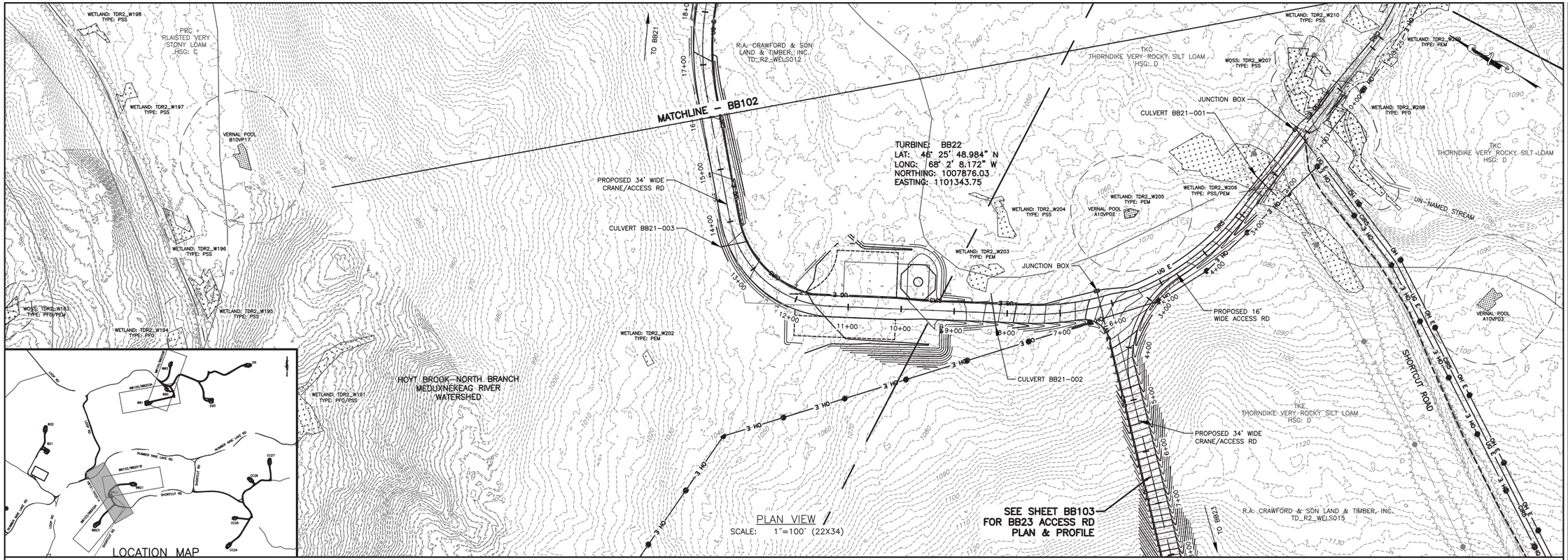
Phone: 800.334.1570

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

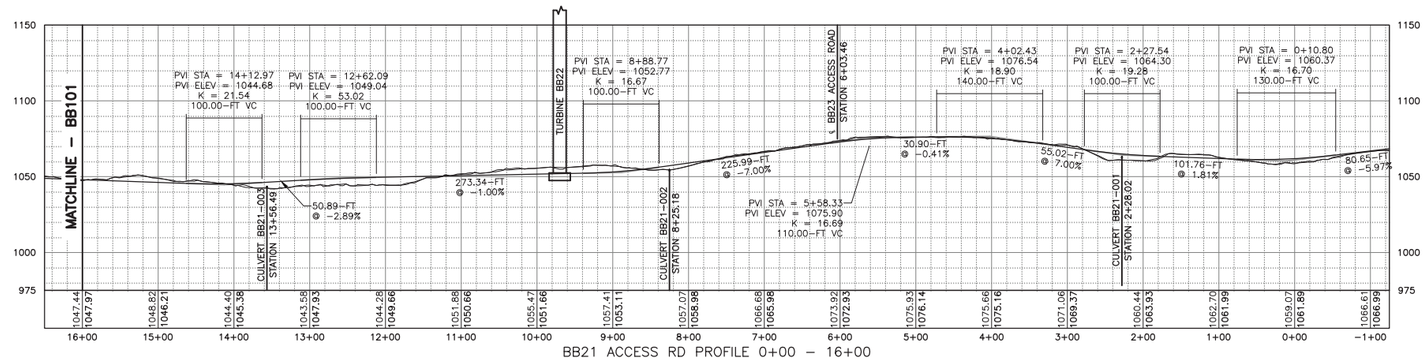
TITLE OF DRAWING
BB-SHEETS INDEX PLAN

DRAWING NO.
BB100



PLAN VIEW
SCALE: 1"=100' (22X34)

LOCATION MAP



BB21 ACCESS RD PROFILE 0+00 – 16+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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135 Calkins Road, Rochester, NY 14623
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NUMBER NINE WIND FARM

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

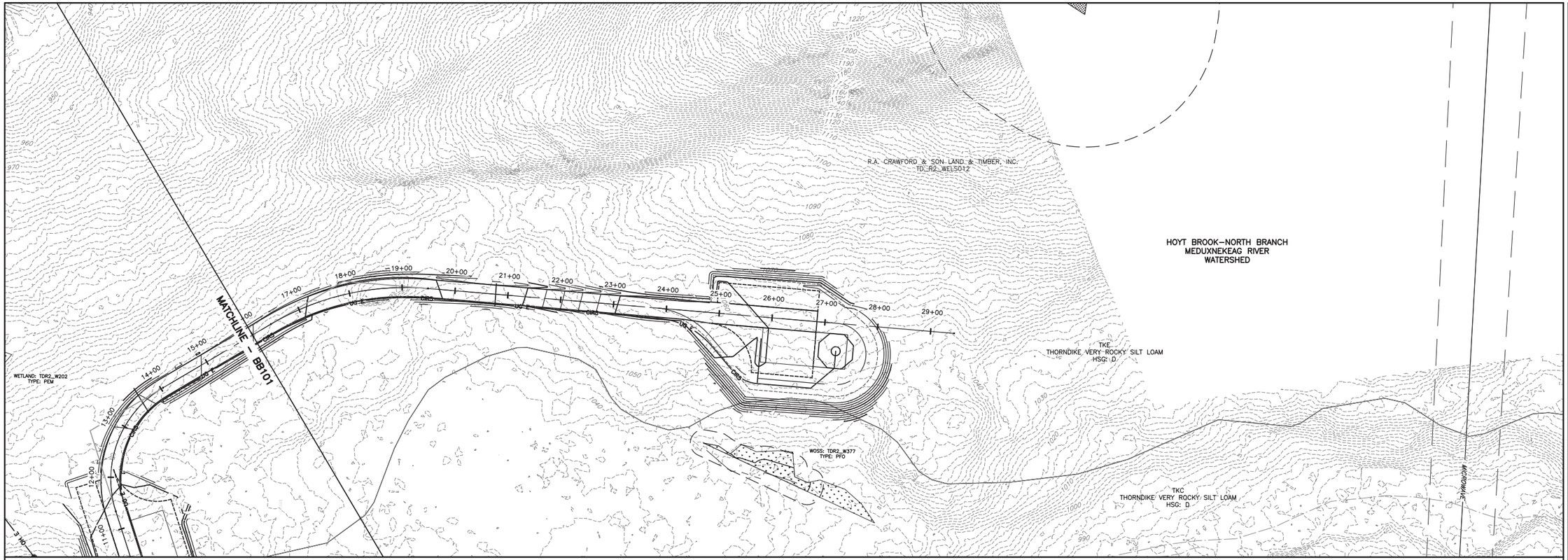
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG BB21 AND WTG BB22 ACCESS ROAD PLAN SHEET

DRAWING NO.
BB101

SHEET 60 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 BB101-BB105 Sheets.dwg
DATE/TIME: 7/8/2015 8:09:04 AM
USER: Steven Mellott


MATCHLINE – BB101
WETLAND: TDR2_W202
TYPE: PEM
WOSS: TDR2_W377
TYPE: PFO
R.A. CRAWFORD & SON LAND & TIMBER, INC.
TD_R2_WELS012
HOYT BROOK–NORTH BRANCH
MEDUXNEKEAG RIVER
WATERSHED
TKE
THORNDIKE VERY ROCKY SILT LOAM
HSG: D
TKC
THORNDIKE VERY ROCKY SILT LOAM
HSG: D
MCCROMMIE
CWD
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DIA 6'
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R.A. CRAWFORD & SON LAND & TIMBER, INC. T9_R1_WELS013

R.A. CRAWFORD & SON LAND & TIMBER, INC. T9_R2_WELS015

TKE
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

SEE SHEET BB101 FOR BB21 ACCESS ROAD PLAN & PROFILE

CULVERT BB23-001

MICROWAVE BEAM PATH FRESNEL ZONE. CRANE OPERATOR TO CONFIRM ALLOWABLE HEIGHT OF BOOM WHEN PASSING THROUGH THIS AREA

PROPOSED 34' WIDE CRANE/ACCESS RD

JUNCTION BOX

WETLAND: TDR2_W204 TYPE: PSS

WETLAND: TDR2_W205 TYPE: PEM

WETLAND: TDR2_W206 TYPE: PSS/PEM

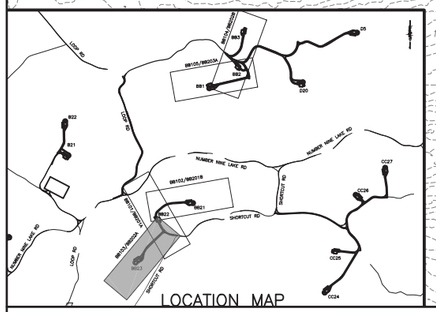
WETLAND: TDR2_W207 TYPE: PEM

WOSS: TDR2_W208 TYPE: PSS

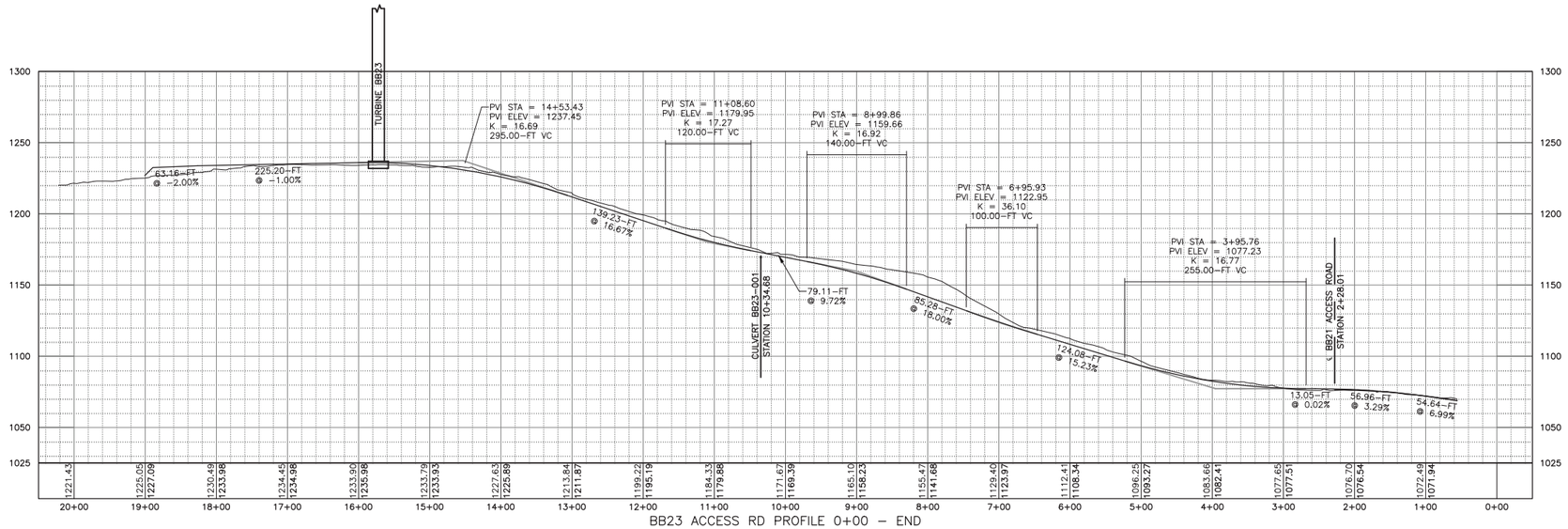
SHORTCUT ROAD

TURBINE: BB23
LAT: 46° 25' 36.177" N
LONG: 68° 2' 17.727" W
NORTHING: 1006574.82
EASTING: 1100682.1

PLAN VIEW
SCALE: 1"=100' (22X34)



LOCATION MAP



BB23 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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130 Catherine Street, Suite 3 Chillicothe, OH 45601
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG BB23 ACCESS ROAD PLAN SHEET

DRAWING NO.
BB103

SHEET 62 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 BB101-BB105 Sheets.dwg
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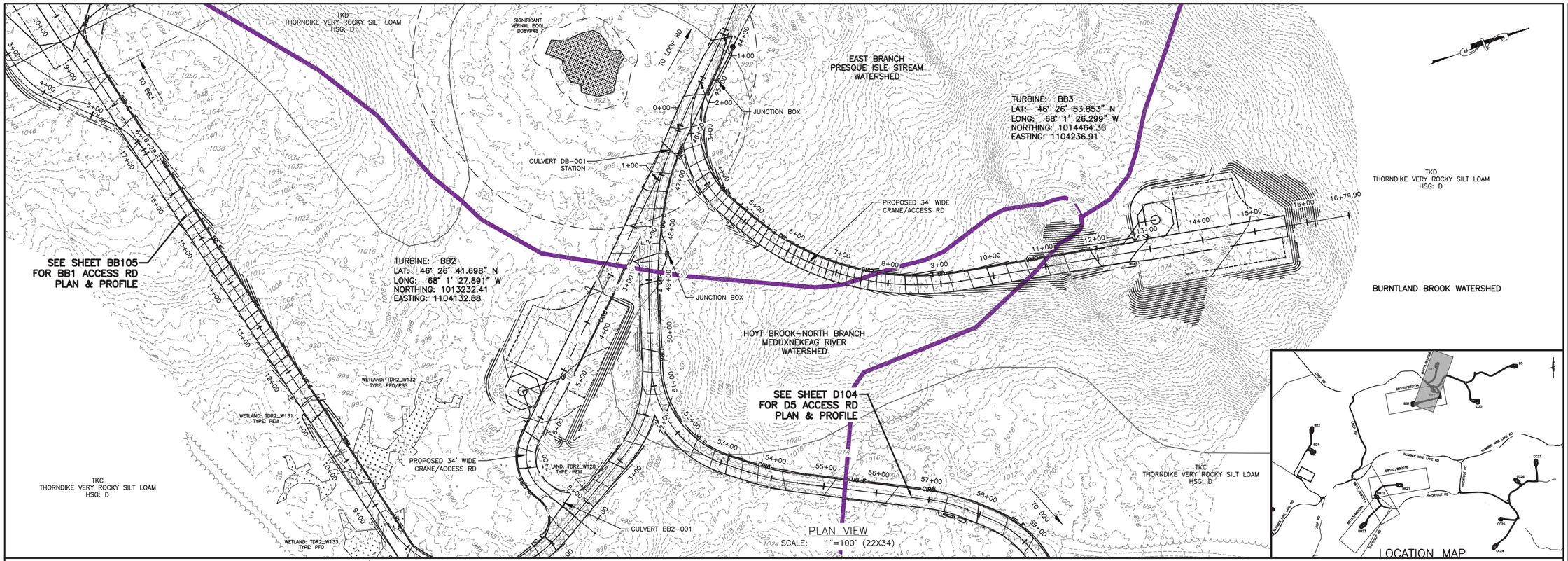
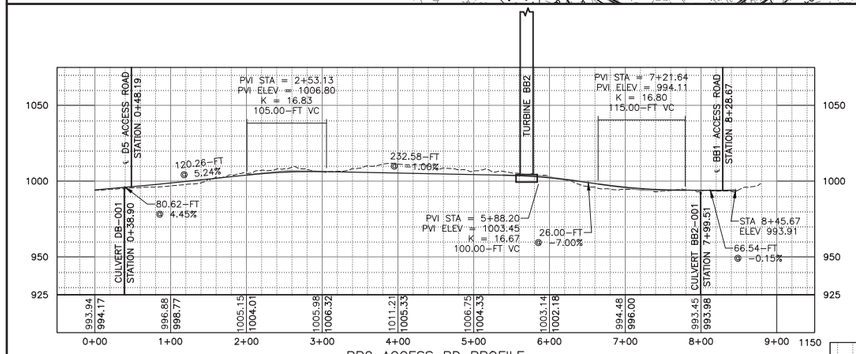
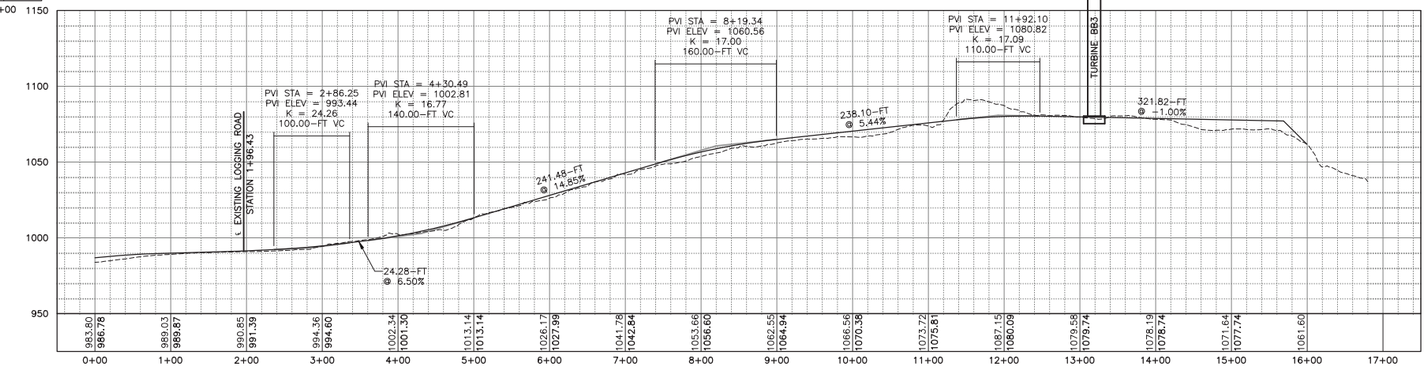
USER: Steven Mellott





BB2 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



BB3 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Catherine Street, Bangor, NY 14623
Phone: (585) 334-1310

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG BB2 AND WTG BB3 ACCESS ROAD PLAN SHEET

DRAWING NO.
BB104

SHEET 63 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 BB101-BB105 Sheets.dwg
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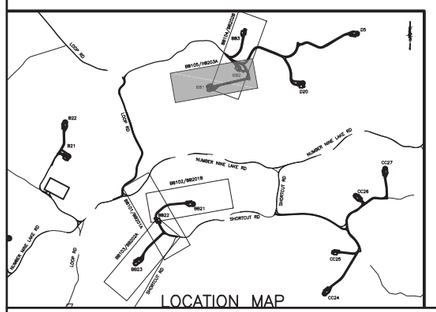
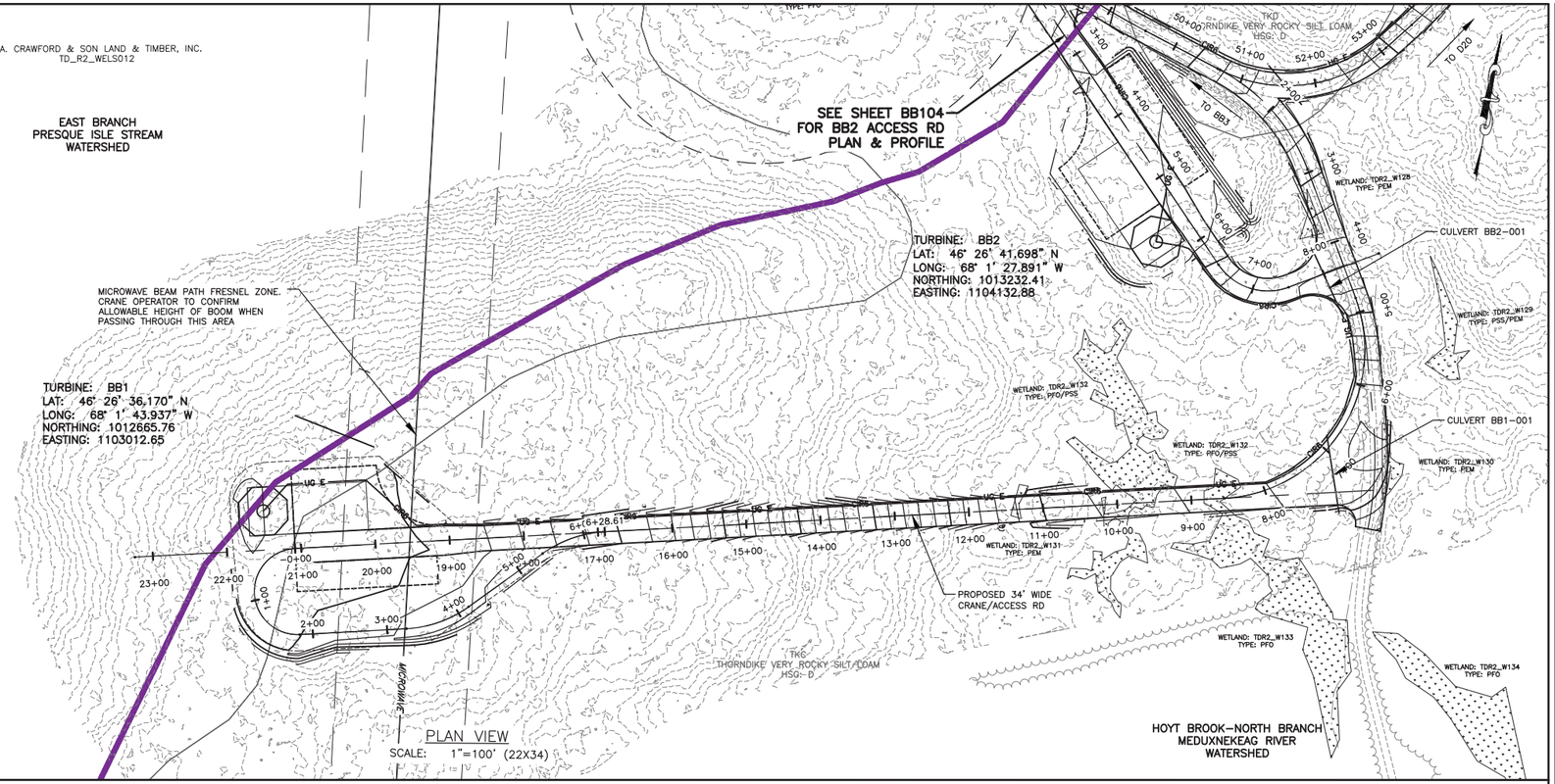
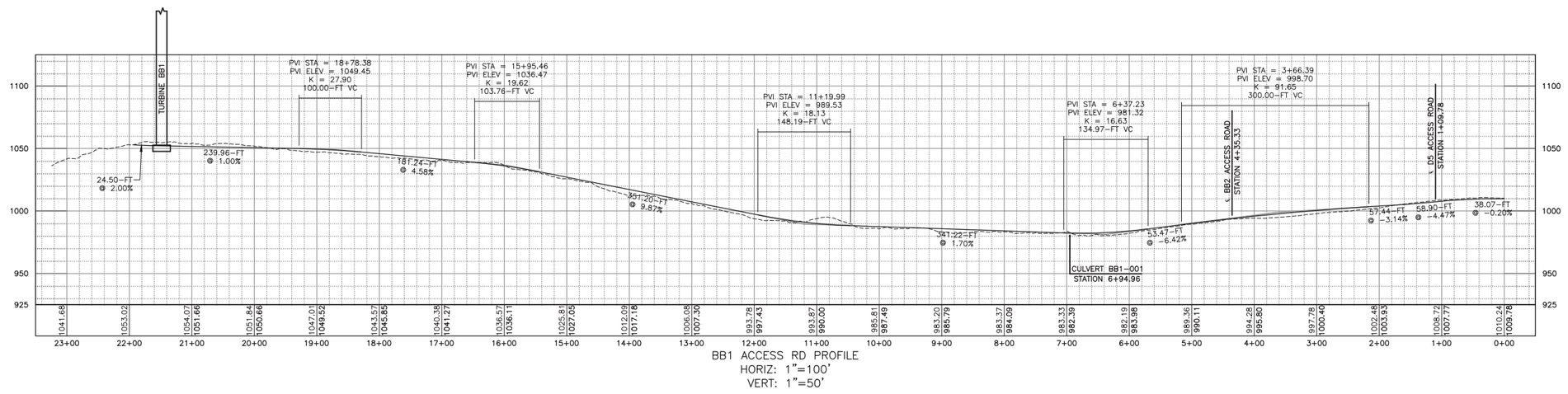
USER: Steven Mellott







BB1 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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WWW.FISHERASSOCIATES.COM
135 Catlin Street, Rochester, NY 14620
Phone: (585) 334-1310

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG BB1 ACCESS ROAD PLAN SHEET

DRAWING NO.
BB105

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 BB101-BB105 Sheets.dwg
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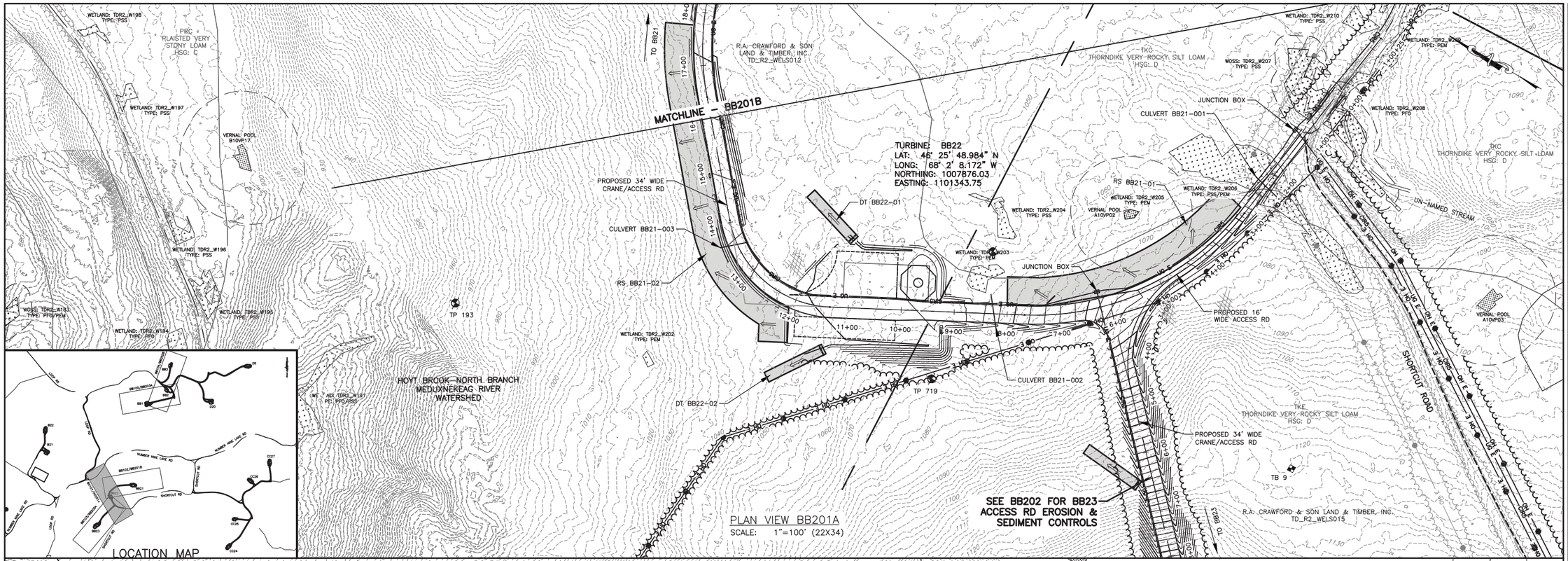

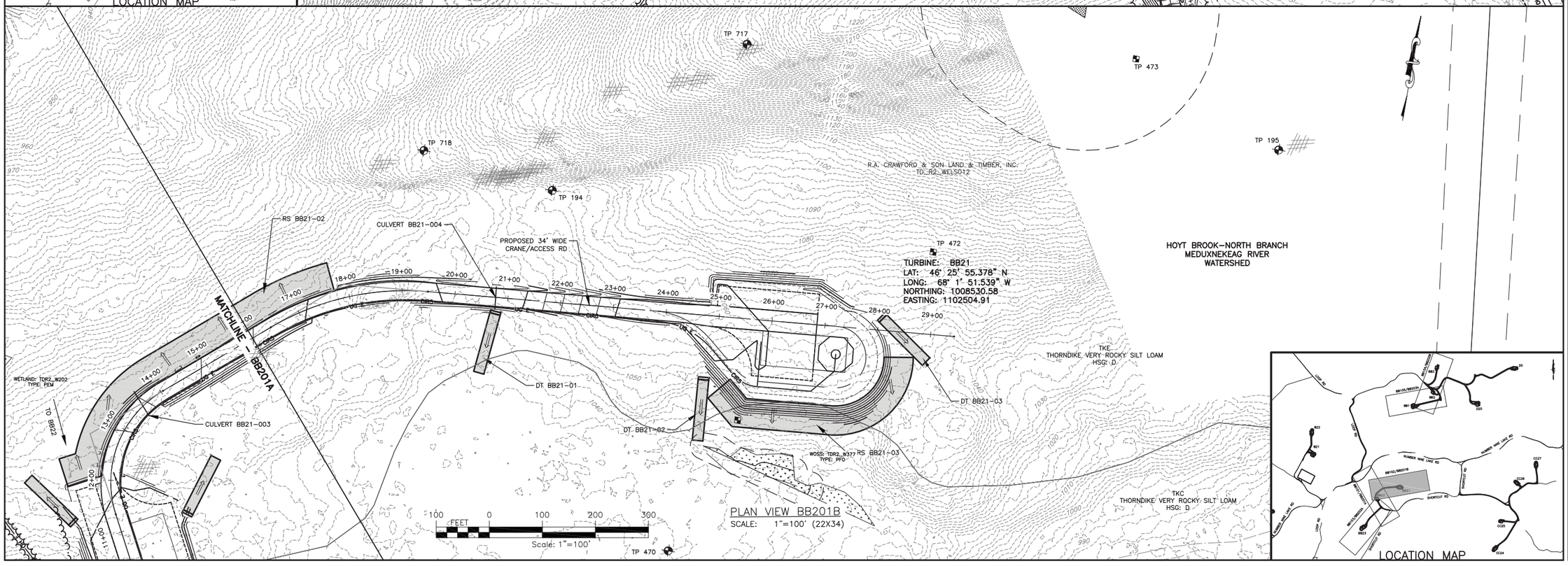

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DATE/TIME: 7/8/2015 8:14:54 AM
USER: Steven Mellott

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
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ISSUE DATE
JULY 2015

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105 Catherine Street, Bangor, ME 04401
Phone: 800.324.1375

NUMBER NINE WIND FARM®

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG BB21 AND WTG BB22 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
BB201

SHEET 65 OF 338

R.A. CRAWFORD & SON LAND & TIMBER, INC. T9_R2_WELS013

TP 319

HOYT BROOK-NORTH BRANCH MEDUXNEKEAG RIVER WATERSHED

R.A. CRAWFORD & SON LAND & TIMBER, INC. TD_R2_WELS015

TKE
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

RS BB23-01

DT BB23-03

TP 722

TP 721

DT BB23-01

SEE BB201 FOR BB21 ACCESS ROAD EROSION & SEDIMENT CONTROLS

TP 719

WETLAND: TDR2_W204 TYPE: PSS

WETLAND: TDR2_W205 TYPE: PEM

JUNCTION BOX

CULVERT BB23-001

DT BB23-02

PROPOSED 34' WIDE CRANE/ACCESS RD

MICROWAVE BEAM PATH FRESNEL ZONE. CRANE OPERATOR TO CONFIRM ALLOWABLE HEIGHT OF BOOM WHEN PASSING THROUGH THIS AREA

TURBINE: BB23
LAT: 46° 25' 36.177" N
LONG: 68° 2' 17.727" W
NORTHING: 1006574.82
EASTING: 1100682.1

TB 9

WETLAND: TDR2_W206 TYPE: PSS/PEM

WOSS: TDR2_W207 TYPE: PSS

SHORTCUT ROAD

PLAN VIEW BB202A
SCALE: 1"=100' (22X34)

LOCATION MAP

TKD
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

SIGNIFICANT VERNAL POOL DOSVP48

TO LOOP RD

EAST BRANCH PRESQUE ISLE STREAM WATERSHED

JUNCTION BOX

DT BB2-01

CULVERT DB-001 STATION

DT BB2-02

TURBINE: BB2
LAT: 46° 26' 41.698" N
LONG: 68° 1' 27.891" W
NORTHING: 1013232.41
EASTING: 1104132.88

SEE BB203 FOR BB1 ACCESS RD EROSION & SEDIMENT CONTROLS

TB 730

DT BB2-03

WETLAND: TDR2_W132 TYPE: PFO/PSS

WETLAND: TDR2_W131 TYPE: PEM

TP 171

PROPOSED 34' WIDE CRANE/ACCESS RD

WETLAND: TDR2_W128 TYPE: PEM

CULVERT BB2-001

WETLAND: TDR2_W133 TYPE: PFO

TURBINE: BB3
LAT: 46° 26' 53.853" N
LONG: 68° 1' 26.299" W
NORTHING: 1014464.36
EASTING: 1104236.91

DT BB3-03

TP 729

TP 455

TKD
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

BURNTLAND BROOK WATERSHED

DT BB3-01

JUNCTION BOX

DT BB3-02

RS BB3-02

RS BB3-01

TP 170

HOYT BROOK-NORTH BRANCH MEDUXNEKEAG RIVER WATERSHED

SEE D203 FOR D5 ACCESS RD EROSION & SEDIMENT CONTROLS

TKC
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

PLAN VIEW BB202B
SCALE: 1"=100' (22X34)

LOCATION MAP

100 FEET 0 100 200 300
Scale: 1"=100'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 BB201-BB203 Sheets.dwg
DATE/TIME: 7/8/2015 8:15:55 AM
USER: Steven Mellott

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
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JULY 2015

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WWW.FISHERASSOC.COM
135 Commercial Street, Suite 301, Portland, Maine 04101-4243
Telephone: 207-774-2277

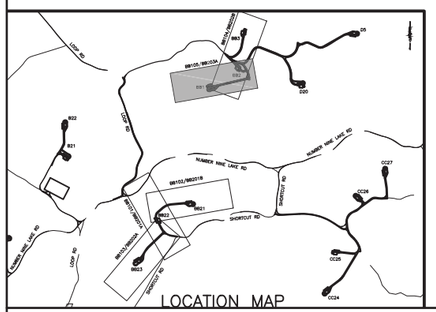
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG BB2, WTG BB3 AND WTG BB23 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
BB202

SHEET 66 OF 338


LOCATION MAP
NUMBER NINE LAKE RD
LOW RD
SHORTCUT RD
BB1
BB2
BB3
CC24
CC27
CC28
CC29
DD1
DD2
DD5
DD6
DD7
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DD44

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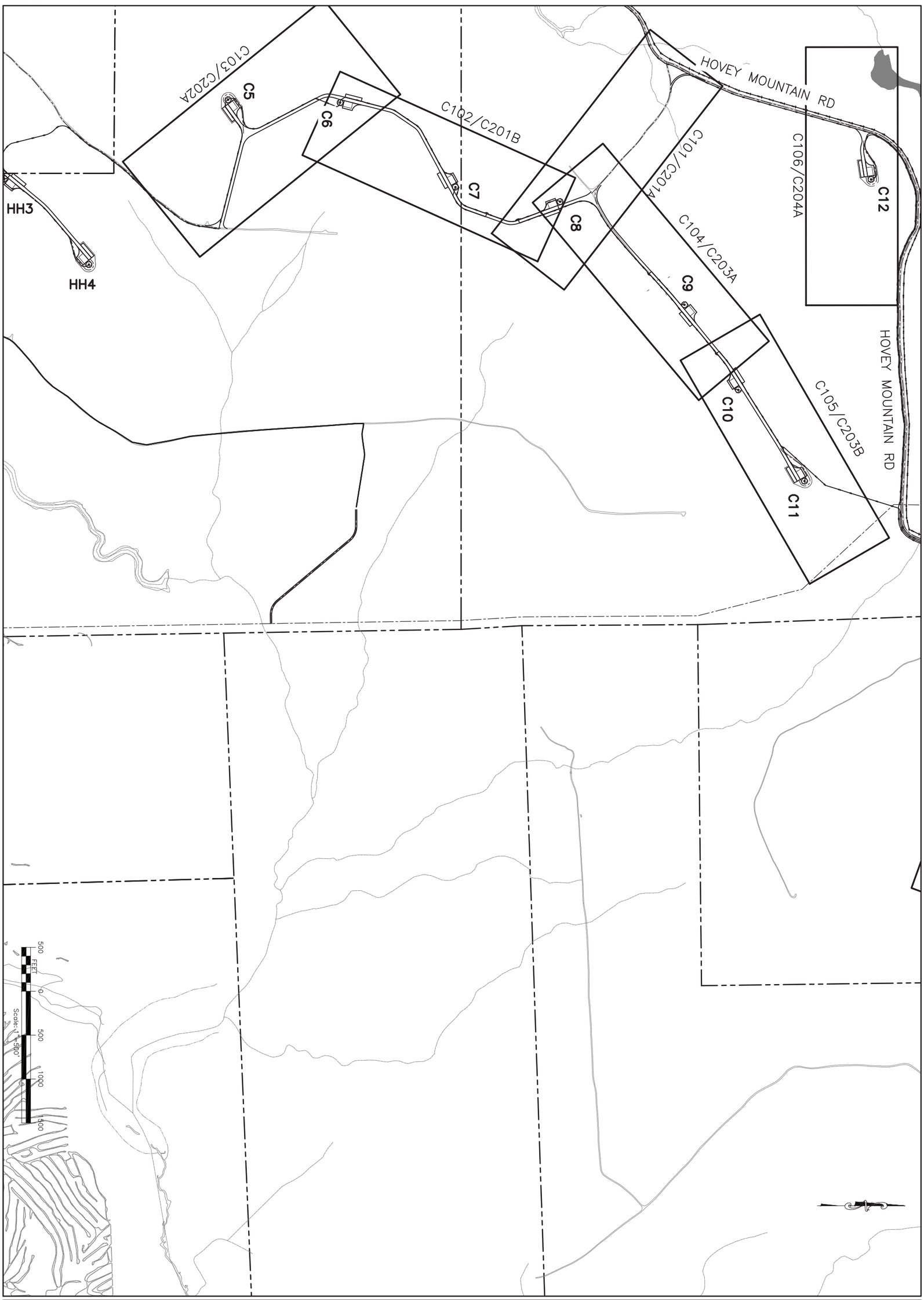

DRAWING NO.
C100A
SHEET 66 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM

TITLE OF DRAWING
C-SHEETS INDEX PLAN SHEET 1

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REV	DESCRIPTION	DATE	BY
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NUMBER NINE LAKE

CAMP RD

LOOP RD

HANNINGTON RD

C110/C206B

C19

C109/C206A

LOOP RD

LOOP RD

LOOP RD

C107/C205A

C16

C108/C205B

C14

O&M

SUBSTATION

HOVEY MOUNTAIN RD

HOVEY MOUNTAIN RD

LY-1

C105/C203B

C11

500 FEET 0 500 1000 1500

Scale: 1"=500'

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FA PROJECT NO.
140009

PROJECT MANAGER
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ISSUE DATE
JULY 2015

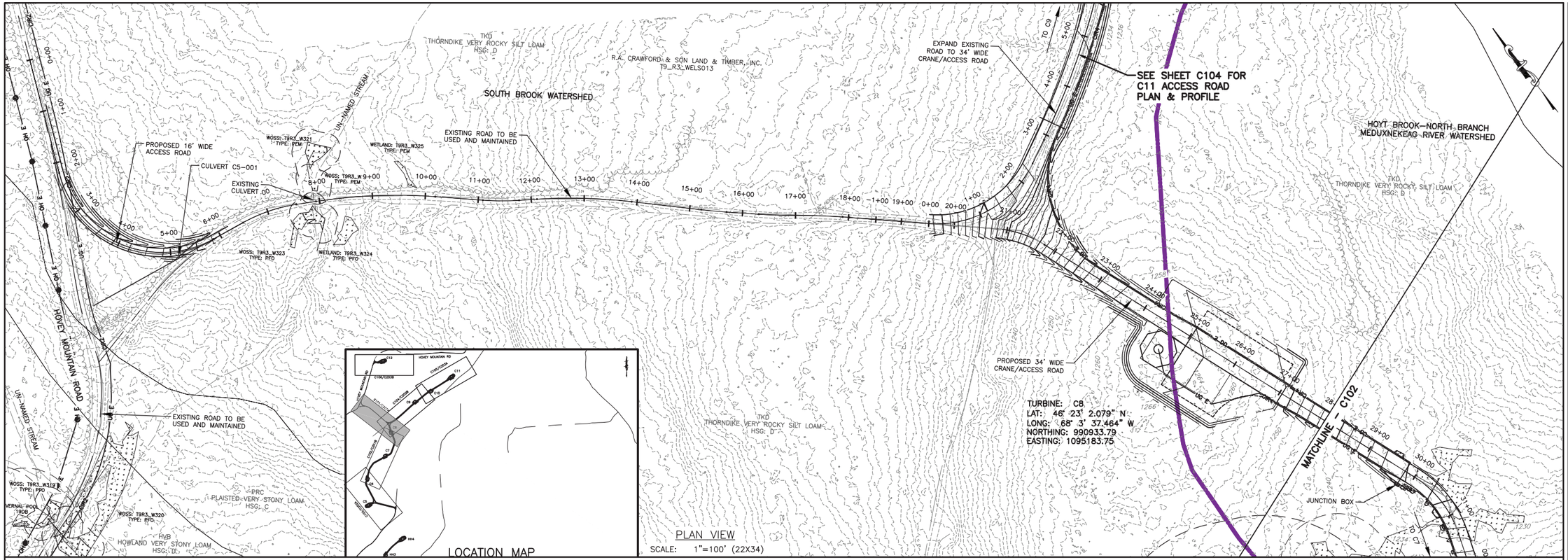
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
138 Center Road 365-334-1325 TF 7823
Phone: 365-334-1325

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

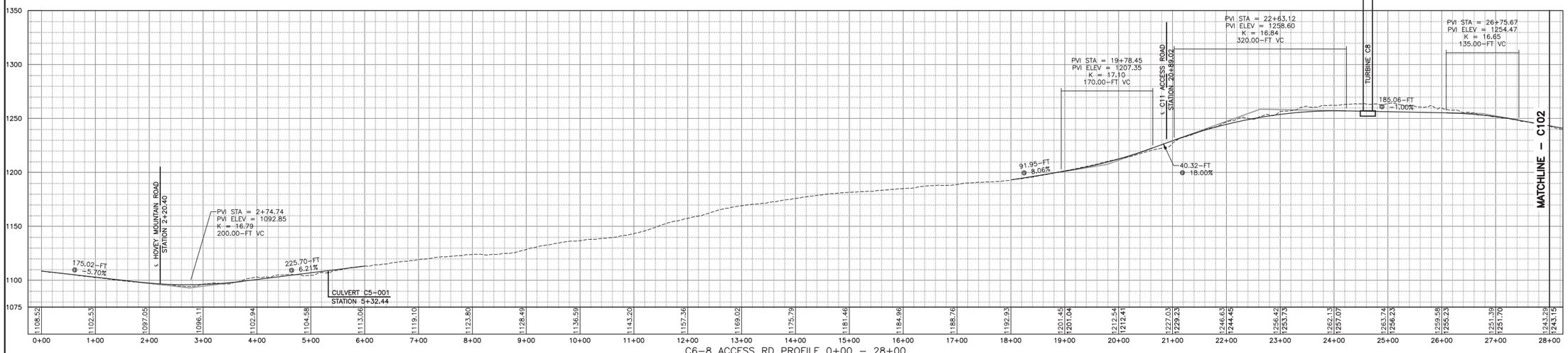
TITLE OF DRAWING
C-SHEETS INDEX PLAN SHEET 2

DRAWING NO.
C100B

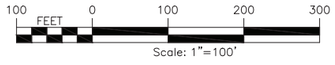


PLAN VIEW
SCALE: 1"=100' (22X34)

LOCATION MAP



C6-8 ACCESS RD PROFILE 0+00 - 28+00
HORIZ: 1"=100'
VERT: 1"=50'



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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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ISSUE DATE
JULY 2015

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Phone: (607) 734-1375

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C5 ACCESS ROAD PLAN SHEET

DRAWING NO.
C101

SHEET 70 OF 338

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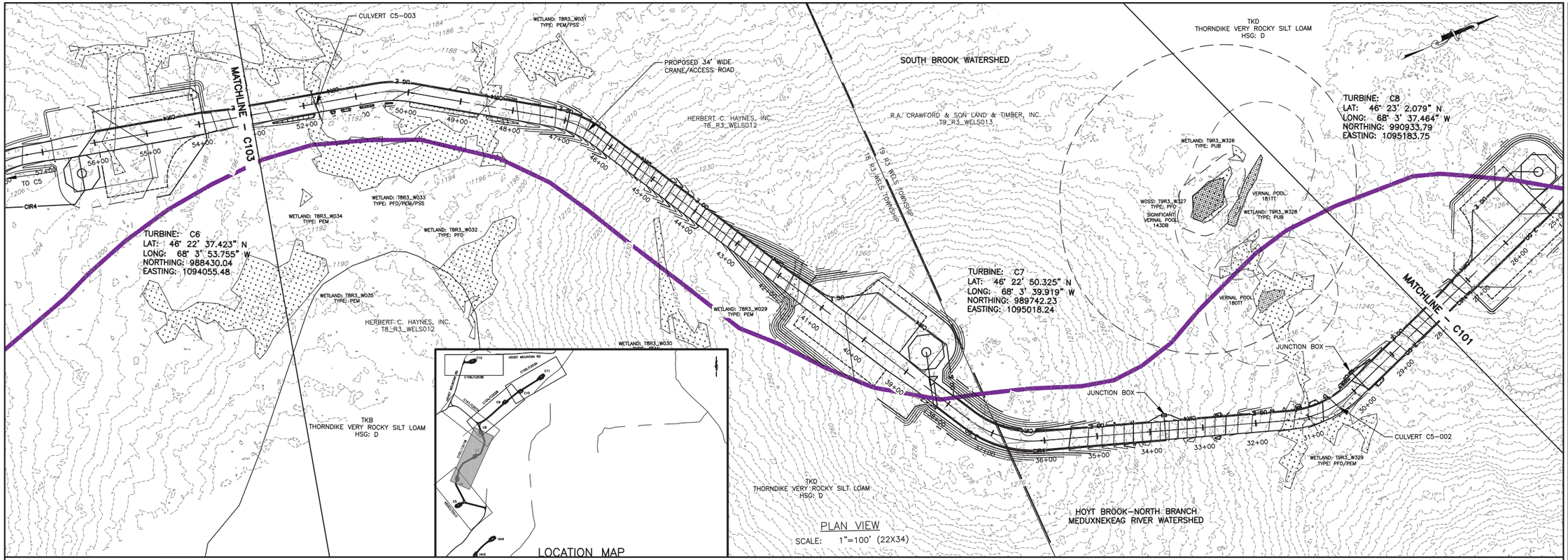
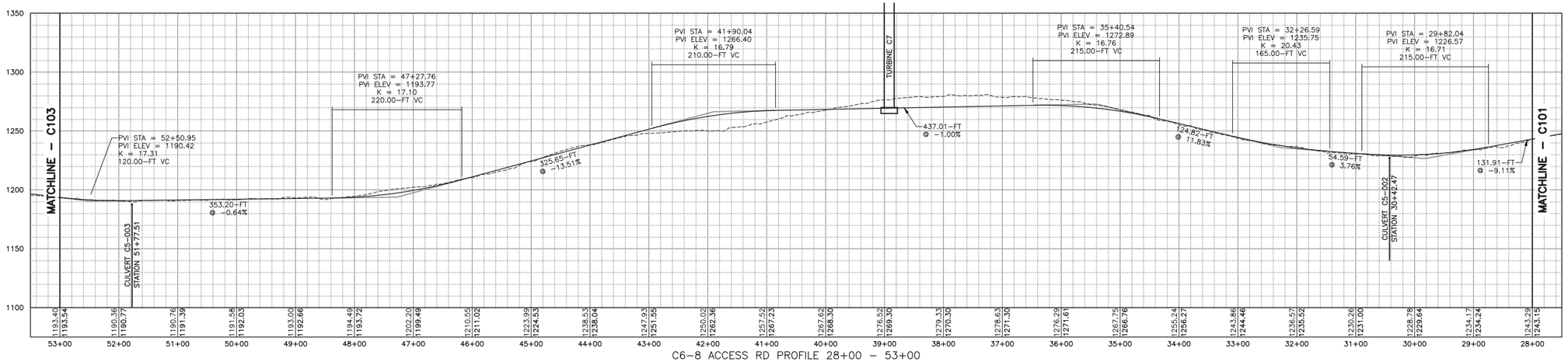


PLAN VIEW
SCALE: 1"=100' (22X34)



C6-8 ACCESS RD PROFILE 28+00 – 53+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
1			
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FA PROJECT NO.
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NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C5, WTG C7 AND WTG C8 ACCESS ROAD PLAN SHEET

DRAWING NO.
C102

SHEET 71 OF 338

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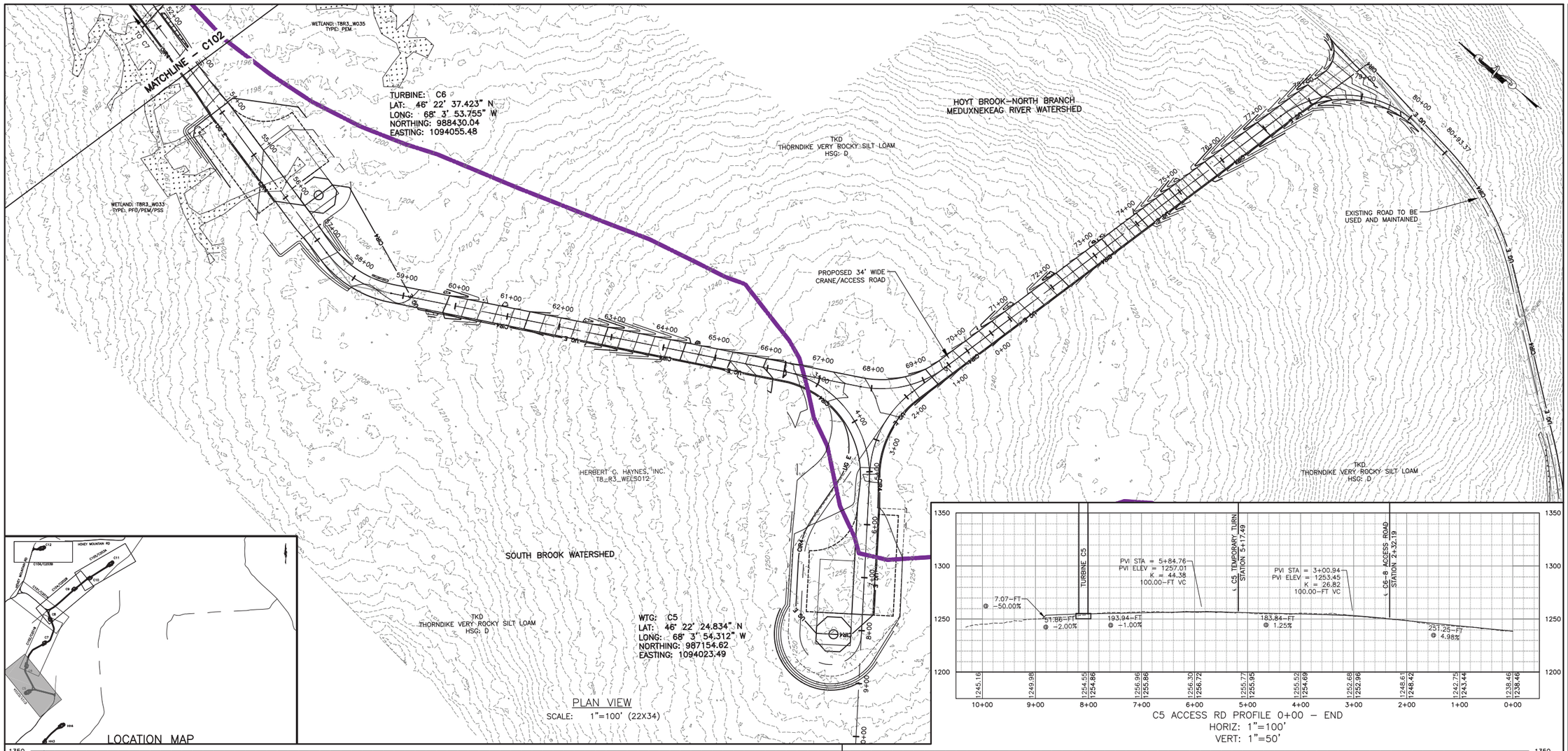

REV	DESCRIPTION	DATE	BY
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NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C5 AND WTG C6 ACCESS ROAD PLAN SHEET

DRAWING NO.
C103

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 C101-C106 Sheets.dwg
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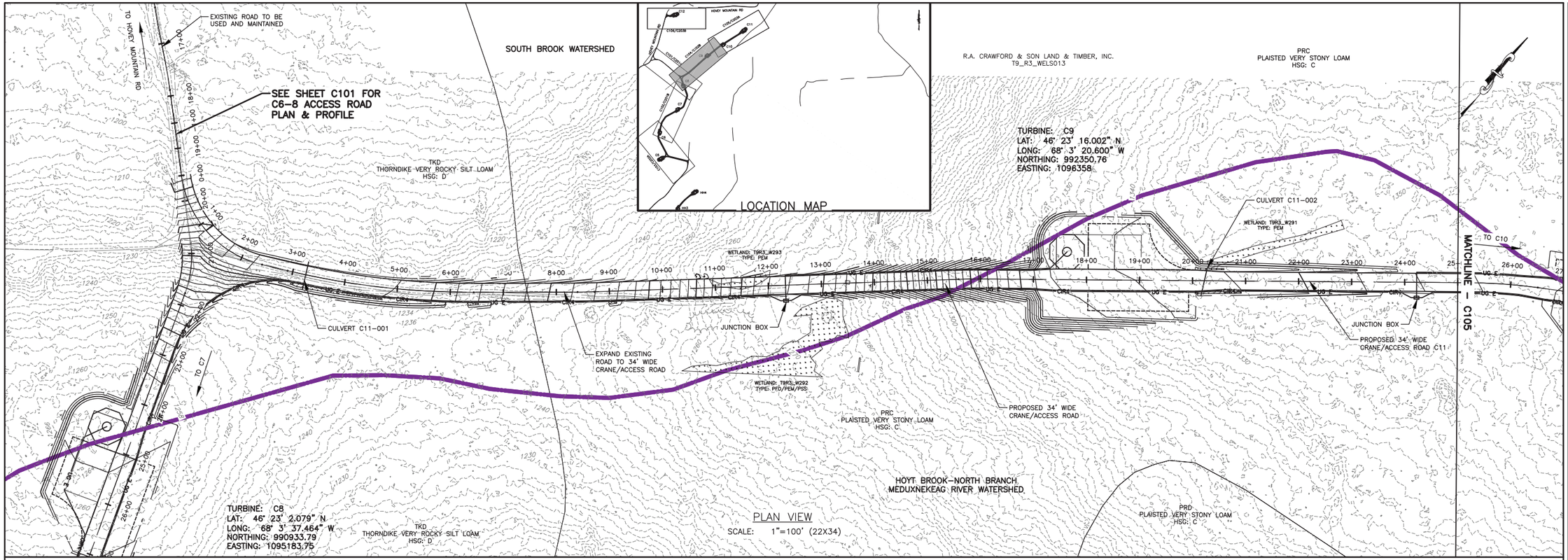

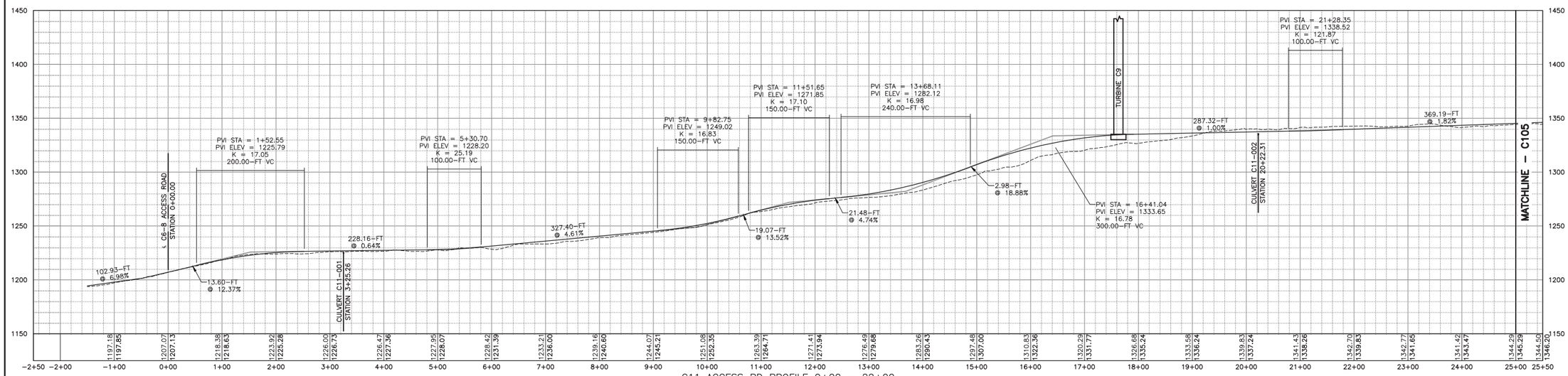

C11 ACCESS RD PROFILE 0+00 - 22+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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Phone: (585) 334-1135

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C9 AND WTG C11 ACCESS ROAD PLAN SHEET

DRAWING NO.
C104

SHEET 73 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 C101-C106 Sheets.dwg
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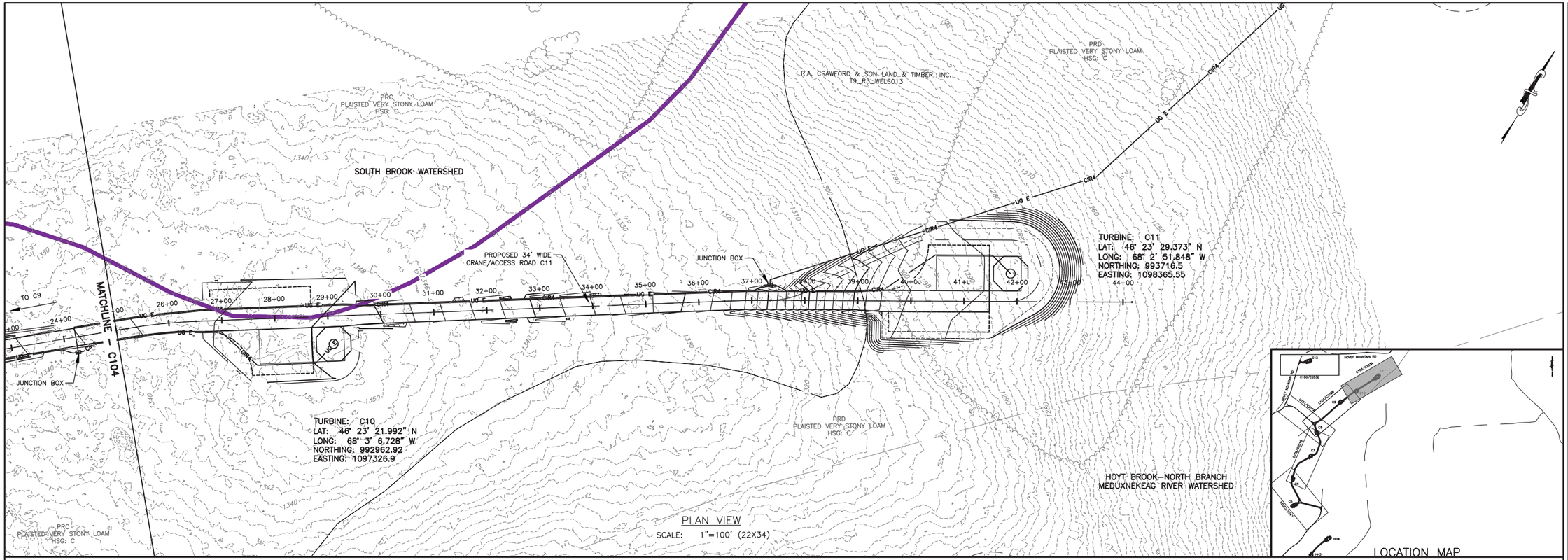
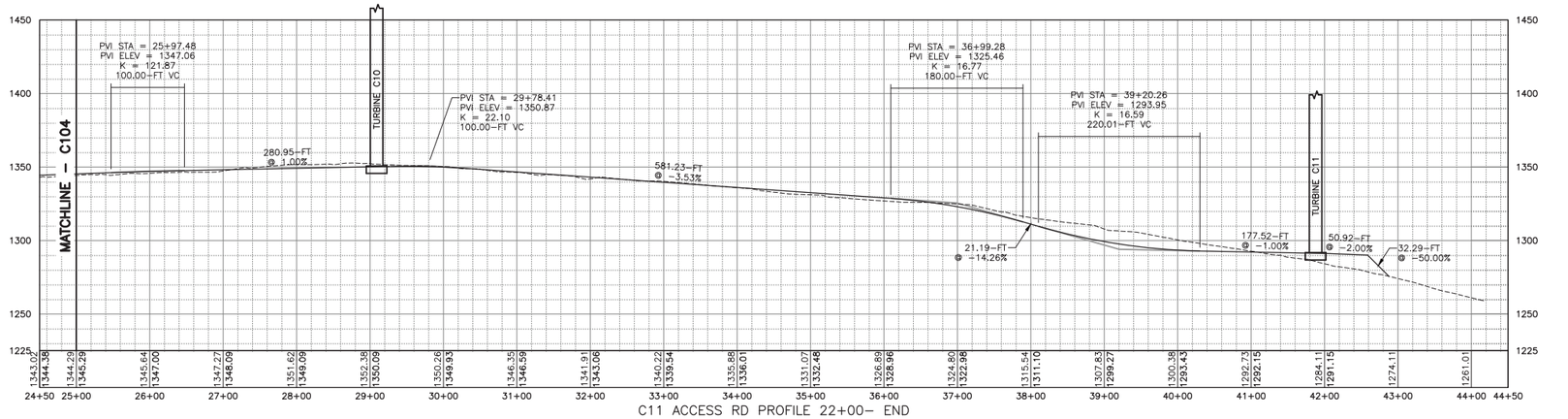


PLAN VIEW
SCALE: 1"=100' (22X34)



C11 ACCESS RD PROFILE 22+00– END
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VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

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FA PROJECT NO.
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ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C10 AND WTG C11 ACCESS ROAD PLAN SHEET

DRAWING NO.
C105

SHEET 74 OF 338

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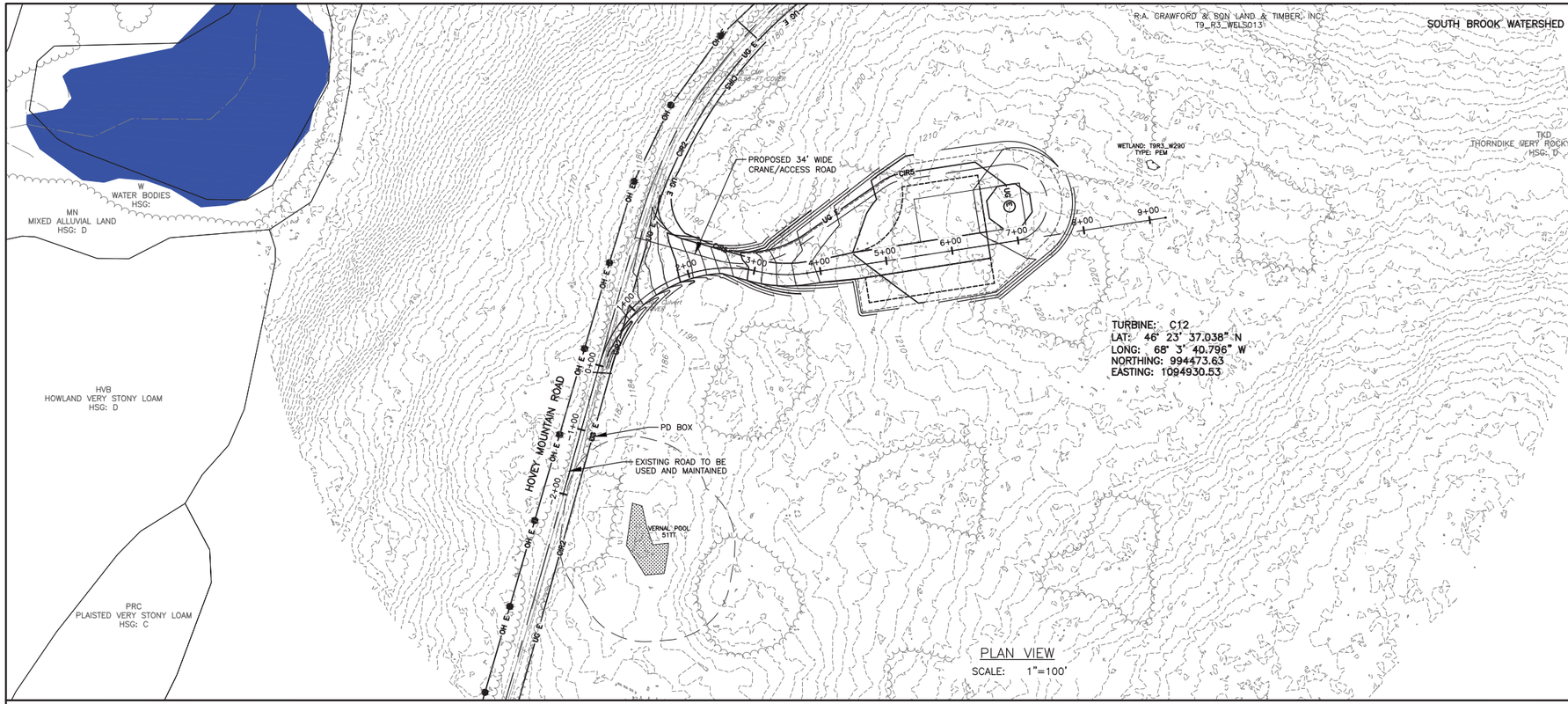

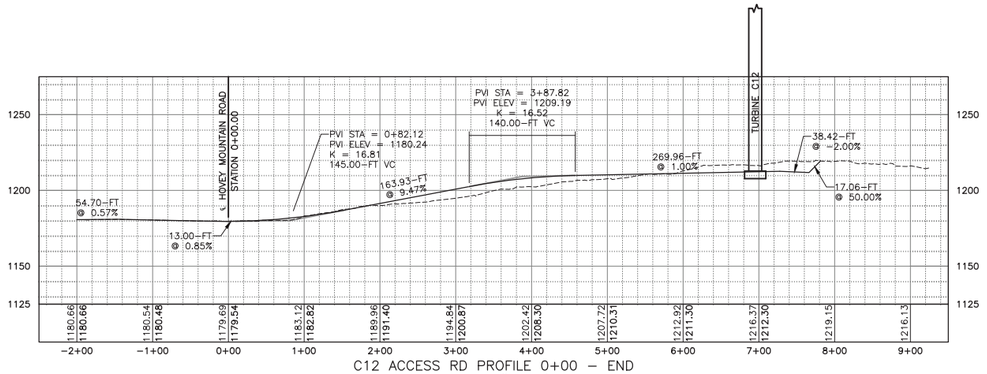

C12 ACCESS RD PROFILE 0+00 – END
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VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Cabot Road, Suite 1 Orono, ME 04473
Phone: 207.866.7337 Fax: 207.866.7338

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C12 ACCESS ROAD PLAN SHEET

DRAWING NO.
C106

SHEET 75 OF 338

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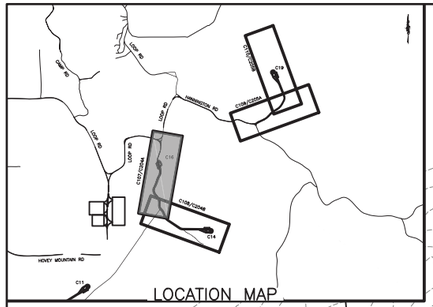
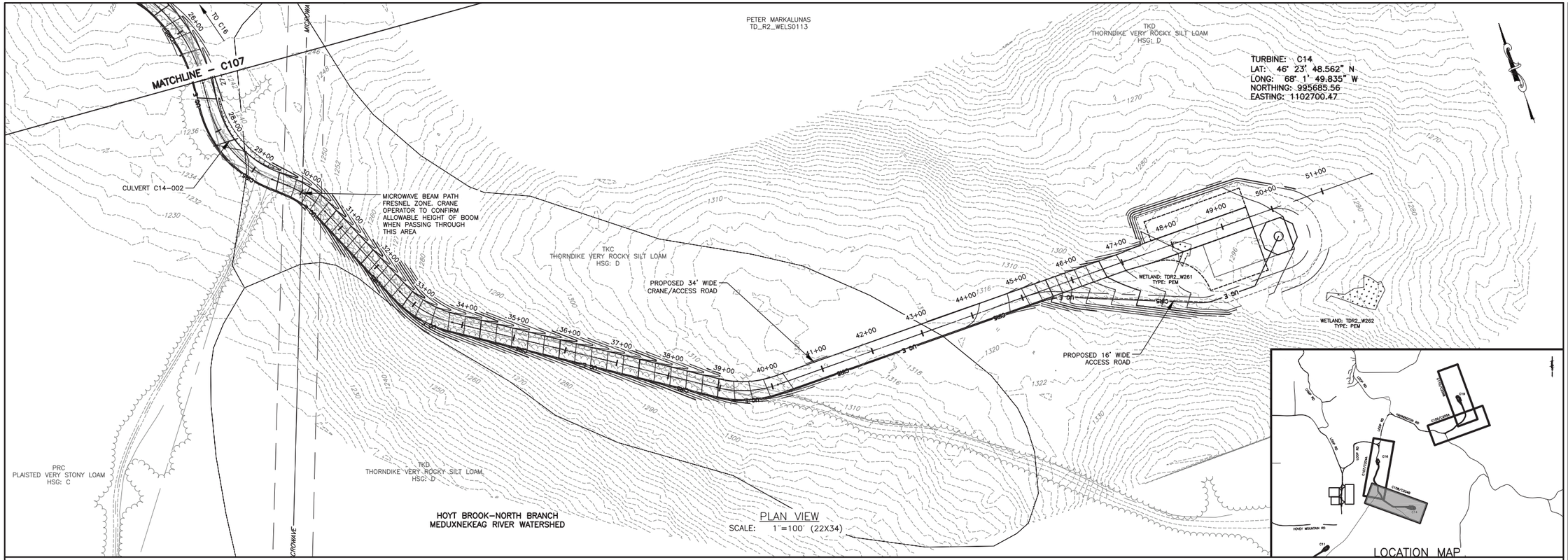
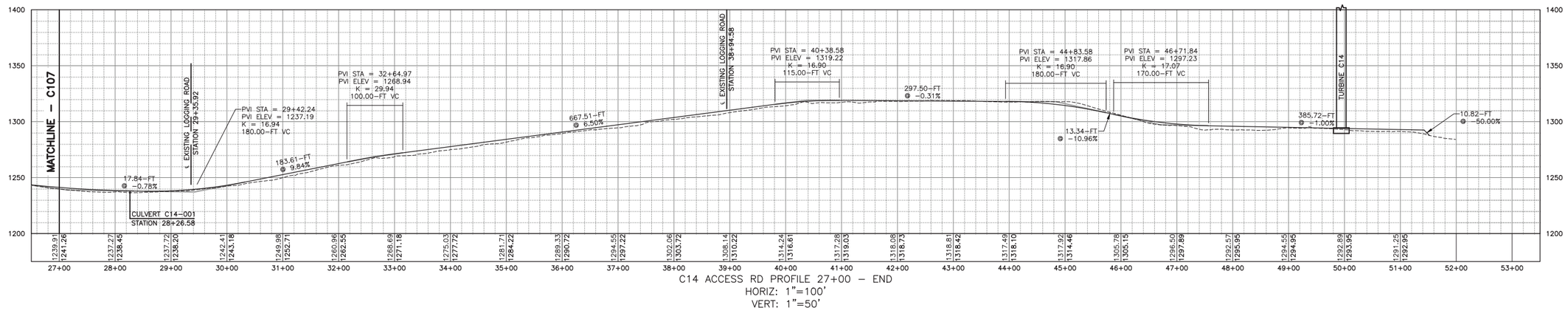

LOCATION MAP
C16
C15
C14
C13
C12
C11
CONSTITUTION
CONSTITUTION
CONSTITUTION





C14 ACCESS RD PROFILE 27+00 – END
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VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catlin Street, Rockland, ME 04841
Phone: 207.594.1170

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C14 ACCESS ROAD PLAN SHEET

DRAWING NO.
C108

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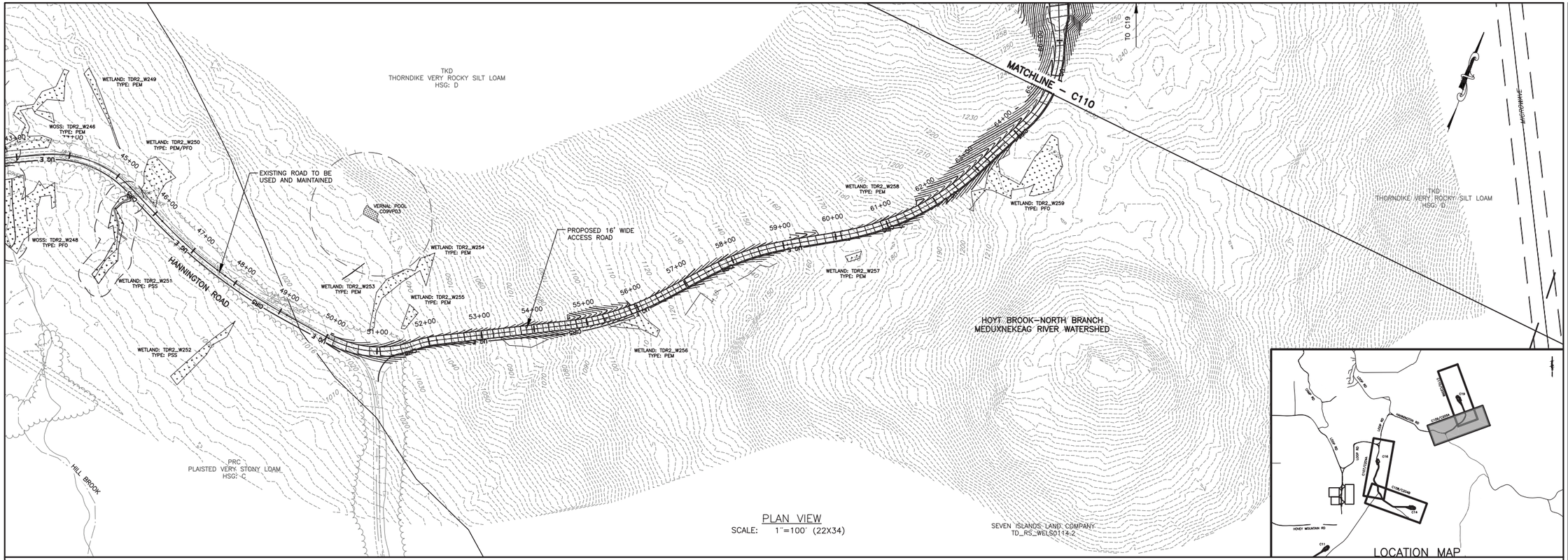
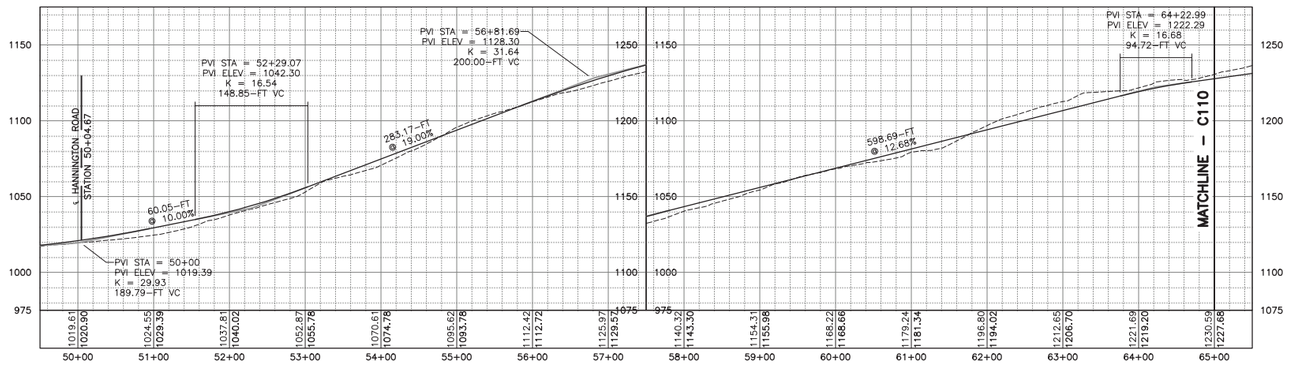


PLAN VIEW
SCALE: 1"=100' (22X34)



C19 ACCESS RD PROFILE 50+00 – 65+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Phone: 607-319-7115

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C19 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
C109

SHEET 78 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 C107-C110 Sheets.dwg
DATE/TIME: 7/8/2015 8:35:42 AM
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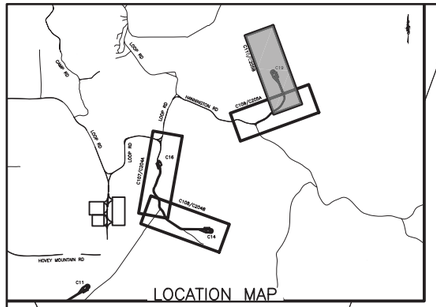
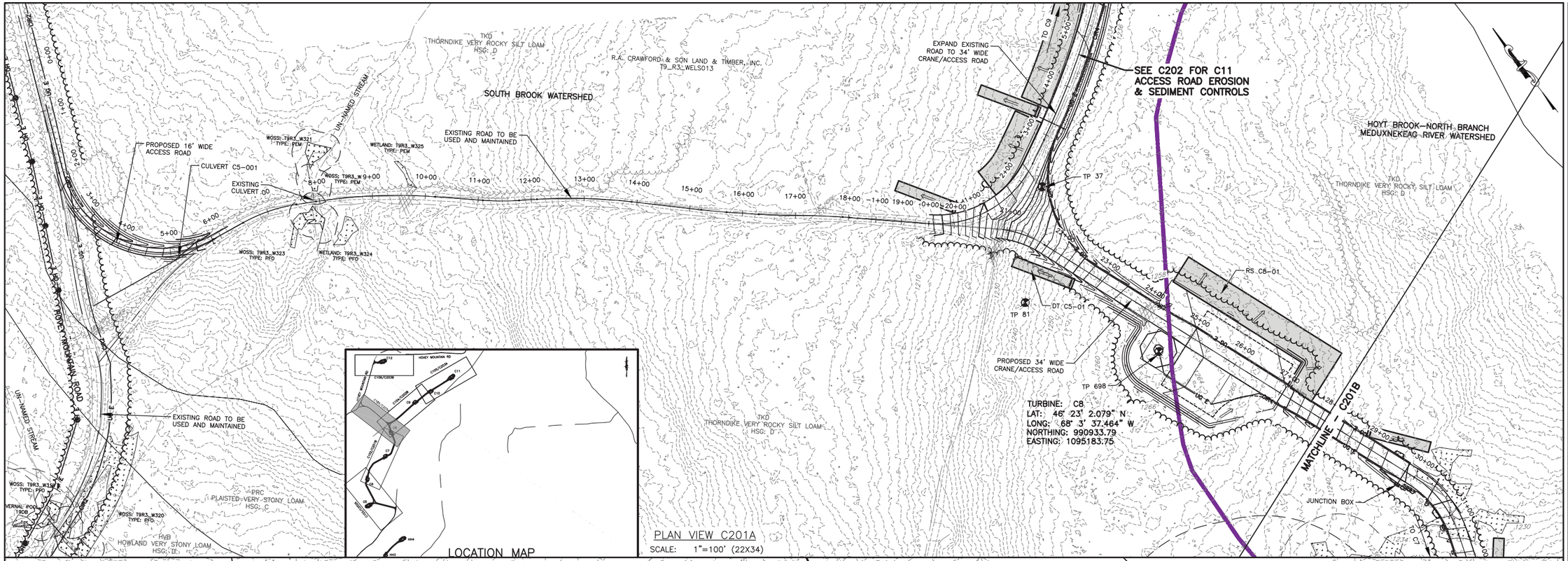

LOCATION MAP
HOYT BROOK-NORTH BRANCH MEDUXNEKEAG RIVER WATERSHED
HOVEY MOUNTAIN RD
C11
C19
C18
CONSTITUTION
CONSTITUTION
CONSTITUTION



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140009
PROJECT MANAGER
S. MELLOTT
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Phone: 207-947-8189

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C5, C6, C7 AND C8 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
C201

SHEET 80 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 C201-C204 Sheets.dwg
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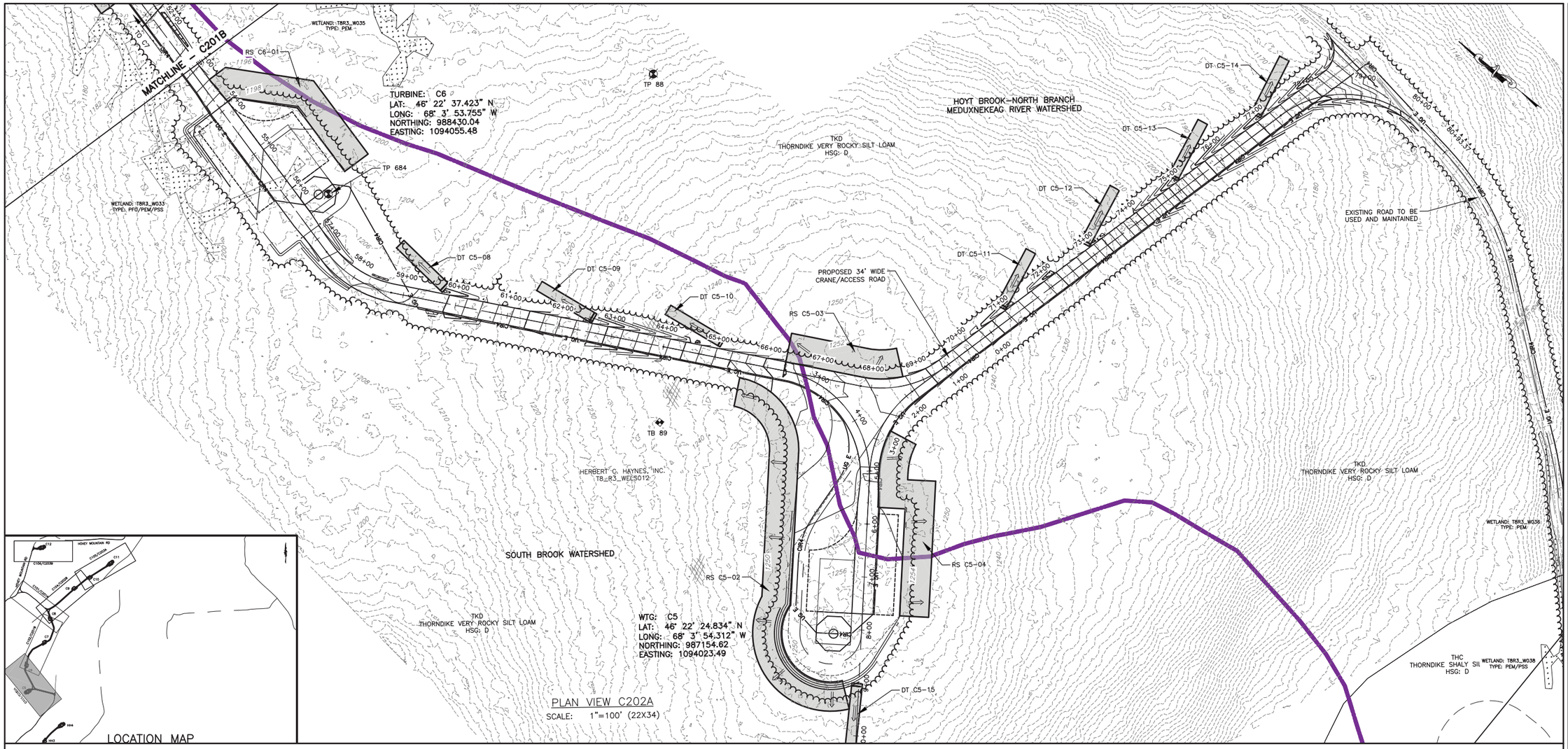

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C5, C6, C9 AND C10 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
C202

SHEET 81 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 C201-C204 Sheets.dwg
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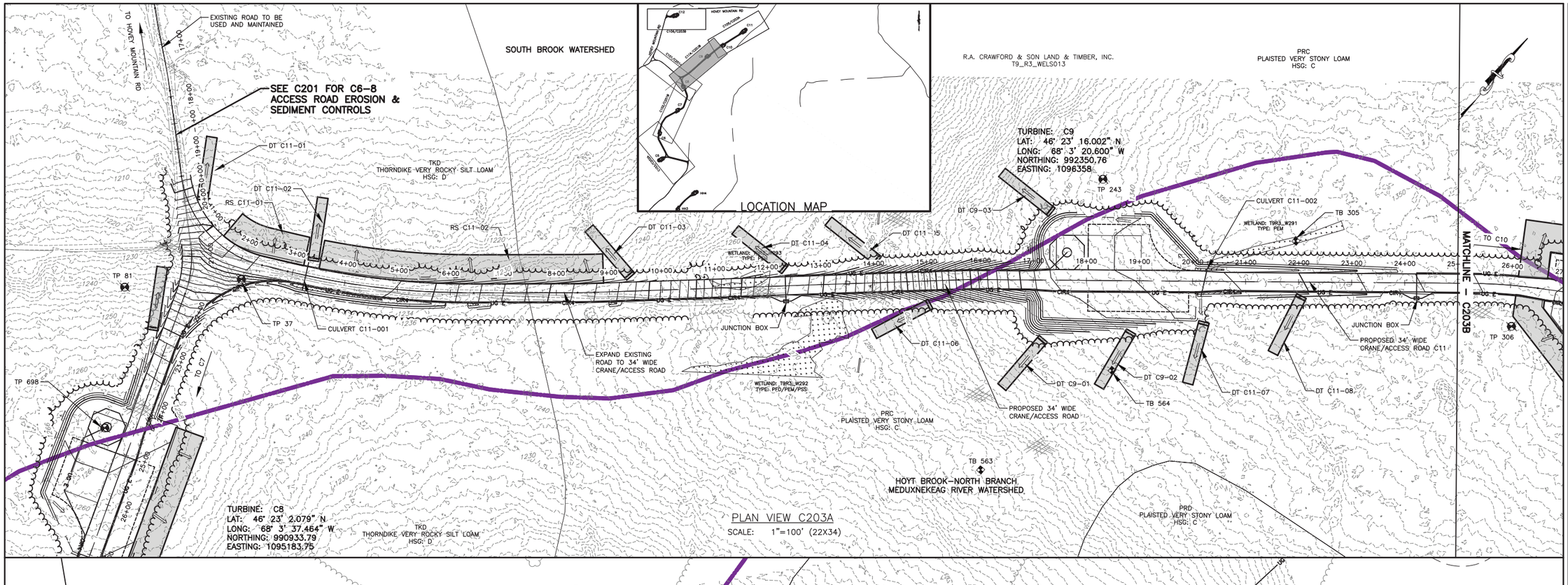

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New York Yellow Exposition Law Section 720a states that it is a violation of this section for any person to alter in any way, any survey, plan or report made by a licensed surveyor or engineer, unless such person is acting under the direction of a licensed surveyor or engineer and the alteration is noted in the survey, plan or report with the name and address of such person and a detailed description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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ISSUE DATE
JULY 2015

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PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C10 AND WTG C11 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
C203

SHEET 82 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 C201-C204 Sheets.dwg
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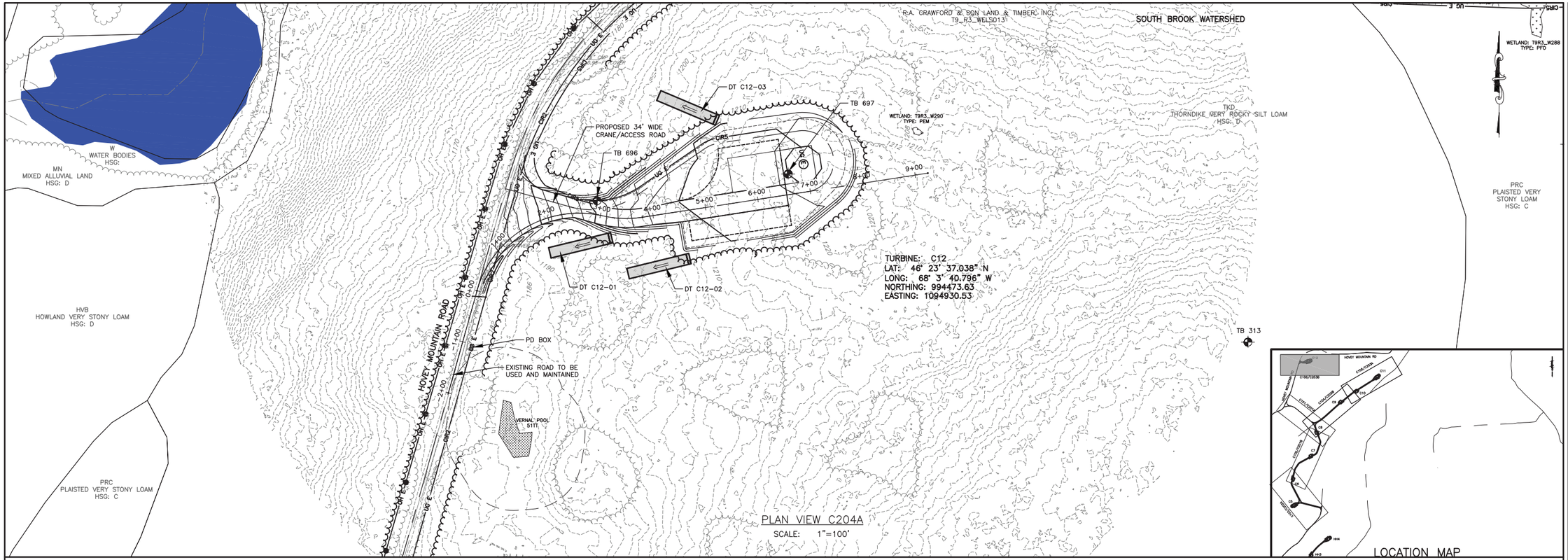

PLAN VIEW C204A

SCALE: 1"=100'

100 FEET 0 100 200 300

Scale: 1"=100'

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If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the altering engineer, land surveyor or landscape architect shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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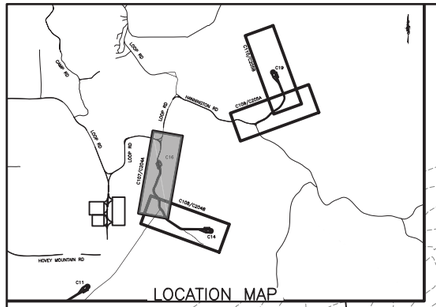
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C12 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
C204



SELECTIVE CLEARING BUFFER (TYP)

NUMBER LAKE PHOSPHOROUS WATERSHED

PRC
PLAISTED VERY STONY LOAM
HSG: C

SEVEN ISLANDS LAND COMPANY
TD_RS_WELS0114-2

TURBINE: C16
LAT: 46° 24' 12.759" N
LONG: 68° 2' 15.688" W
NORTHING: 998125.92
EASTING: 1100874.34

EXISTING ROAD TO BE USED AND MAINTAINED

#9 LAKE PHOSPHOROUS WATERSHED

TP 21

CULVERT C14-001

VERNAL POOL
DDBVP07

VERNAL POOL
DDBVP04

WETLAND: TDR2_W233
TYPE: PEM

ASA
DDBVP03

PROPOSED 34' WIDE CRANE/ACCESS ROAD

DT C14-03

DT C14-02

DT C14-01

DT C16-01

RS C14-02

RS C14-01

RS C16-01

JUNCTION BOX

WETLAND: TDR2_W231
TYPE: PEM

WETLAND: TDR2_W232
TYPE: PEM

TB 580

TB 326

CULVERT C14-002

MATCHLINE – C204B

MATCHLINE – C204A

TO C14

TO C16

MICROWAVE

MICROWAVE BEAM PATH FRESNEL ZONE. CRANE OPERATOR TO CONFIRM ALLOWABLE HEIGHT OF BOOM WHEN PASSING THROUGH THIS AREA

TKC
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

TKD
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

PETER MARKALUNAS
TD_R2_WELS0113

TD R2WELS 0114
TD R2WELS 0113

HOYT BROOK–NORTH BRANCH
MEDUXNEKEAG RIVER WATERSHED

PLAN VIEW C205A
SCALE: 1"=100' (22X34)

TURBINE: C14
LAT: 46° 23' 48.562" N
LONG: 68° 1' 49.835" W
NORTHING: 995685.56
EASTING: 1102700.47

TB 708

TP 707

TP 328

TP 329

TP 330

RS C14-03

RS C14-04

RS C14-05

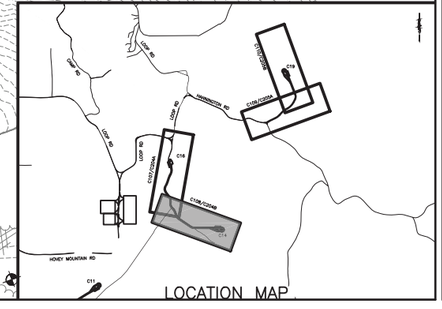
RS C14-06

PROPOSED 16' WIDE ACCESS ROAD

WETLAND: TDR2_W261
TYPE: PEM

WETLAND: TDR2_W262
TYPE: PEM

PLAN VIEW C205B
SCALE: 1"=100' (22X34)



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USER: Steven Mellott

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If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the altering engineer, land surveyor or landscape architect shall affix to the item his/her seal and his/her signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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SCALE
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ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM™

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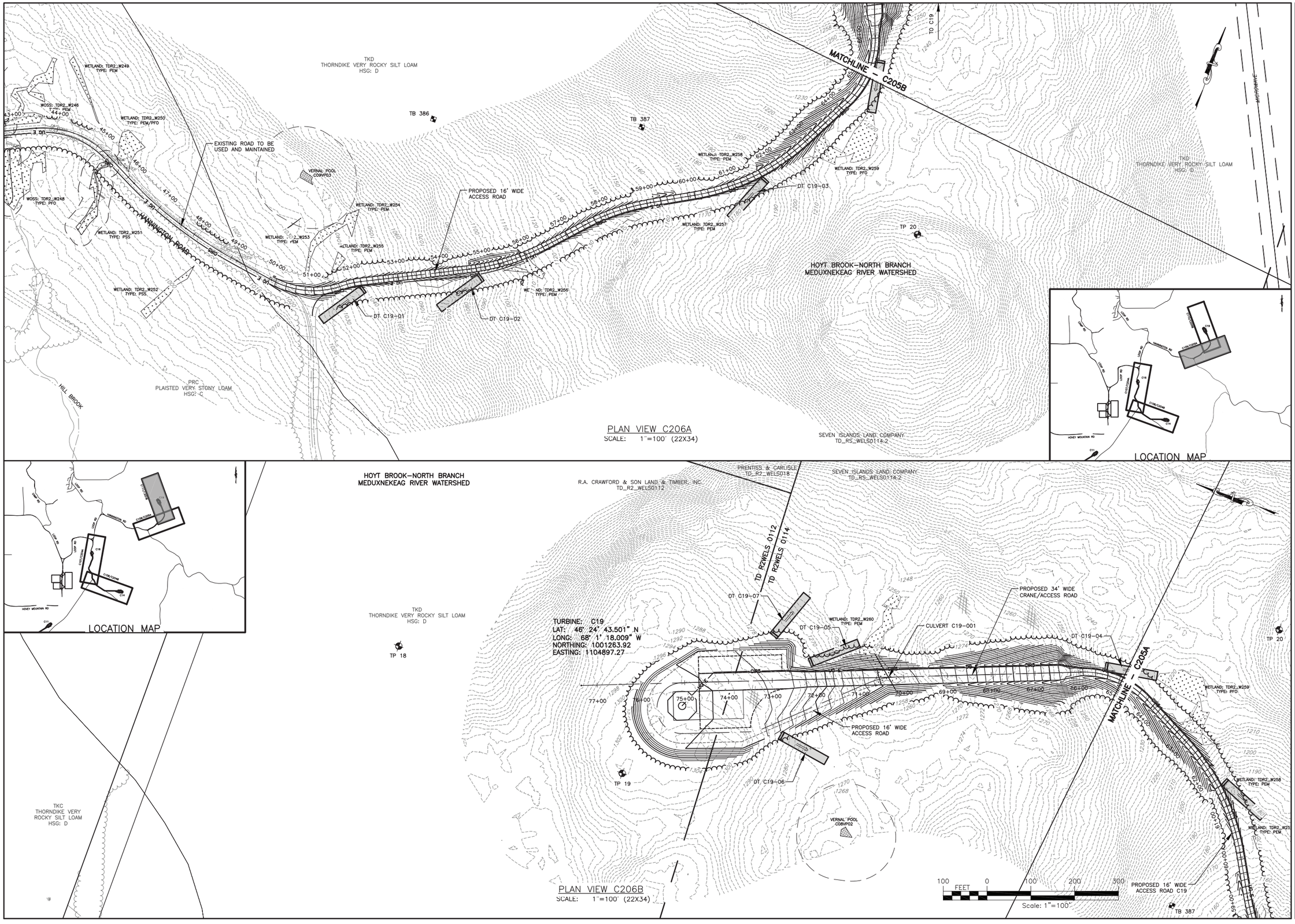
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C14 AND WTG C16 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
C205

SHEET 84 OF 338



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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

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PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG C19 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
C206

SHEET 85 OF 338

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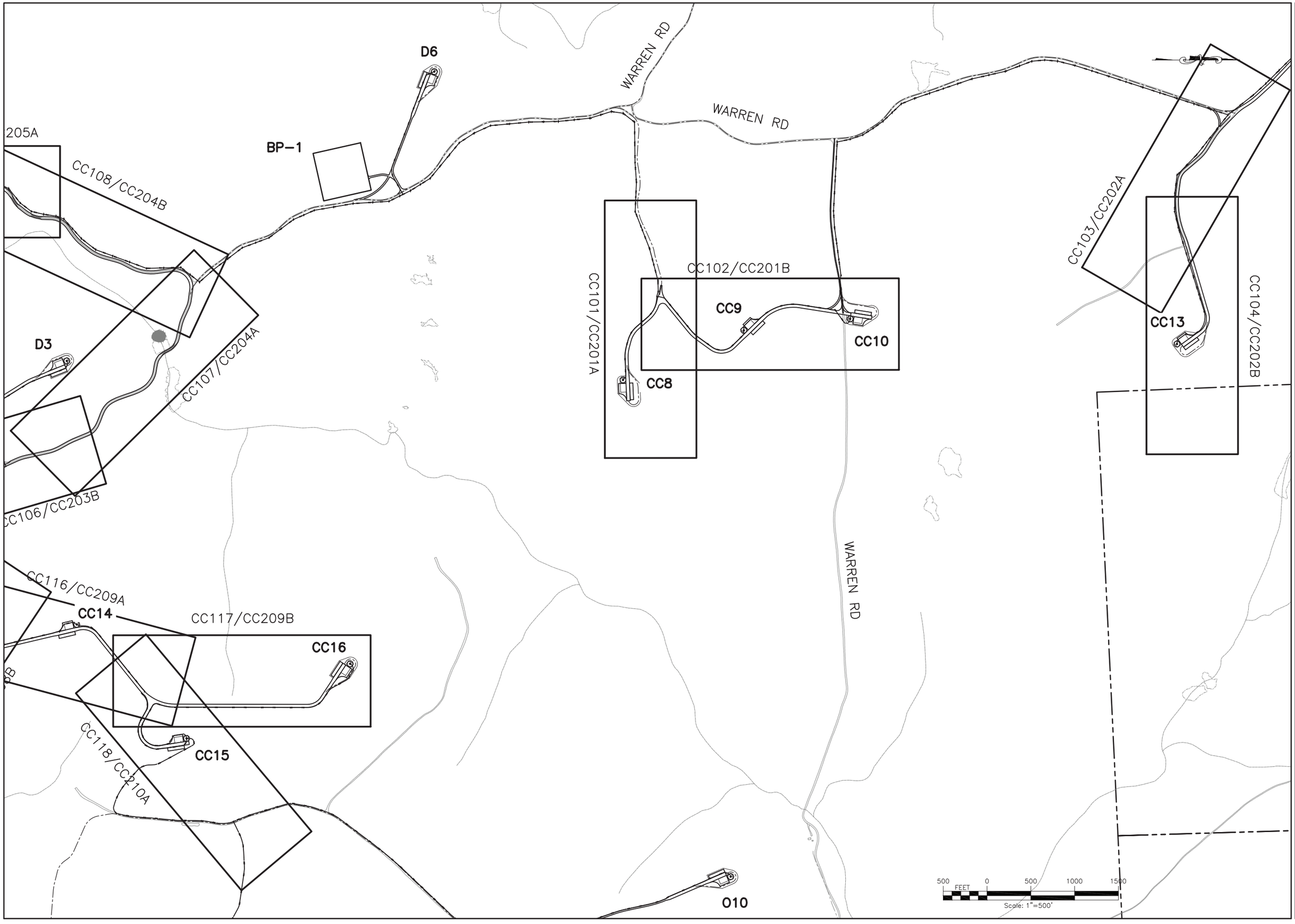

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140009
PROJECT MANAGER
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JULY 2015

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130 Cantiague Road Westbury, NY 11590
Phone: 516-334-7870 Fax: 516-334-7875

NUMBER NINE WIND FARM

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NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
CC-SHEETS INDEX PLAN SHEET A

DRAWING NO.
CC100A

SHEET 86 OF 338

CC110/CC205B
D7
CC111/CC206A
CC109/CC205A
BP-1
D2
CC4
CC108/CC204B
NUMBER NINE LAKE RD
CC114/CC208A
CC112/CC207A
D3
CC5
CC107/CC204A
CC2
CC113/CC207B
CC106/CC203B
CC105/CC203A
CC3
CC116/CC209A
CC14
CC117/CC209B
05
NUMBER NINE LAKE RD
04
CC16
CC115/CC208B
CC118/CC210A
CC15
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Scale: 1"=500'
07

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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AS SHOWN
ISSUE DATE
JULY 2015

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135 Catherine St, Ellsworth, ME 04605
Phone: 800.334.1570

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
CC-SHEETS INDEX PLAN SHEET B

DRAWING NO.
CC100B

LOOP RD

BB3

BB2

BB1

D5

D20

B22

B21

LY-3

LOOP RD

NUMBER NINE LAKE RD

NUMBER NINE LAKE RD

SHORTCUT RD

CC123/CC213A

CC27

CC26

CC119/CC211A

CC122/CC212B

BB22

BB21

SHORTCUT RD

NUMBER NINE LAKE RD

LOOP RD

BB23

SHORTCUT RD

CC25

CC120/CC211B

CC121/CC212A

CC24

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Scale: 1"=500'

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USER: Steven Mellott

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FA PROJECT NO.
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PROJECT MANAGER
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ISSUE DATE
JULY 2015

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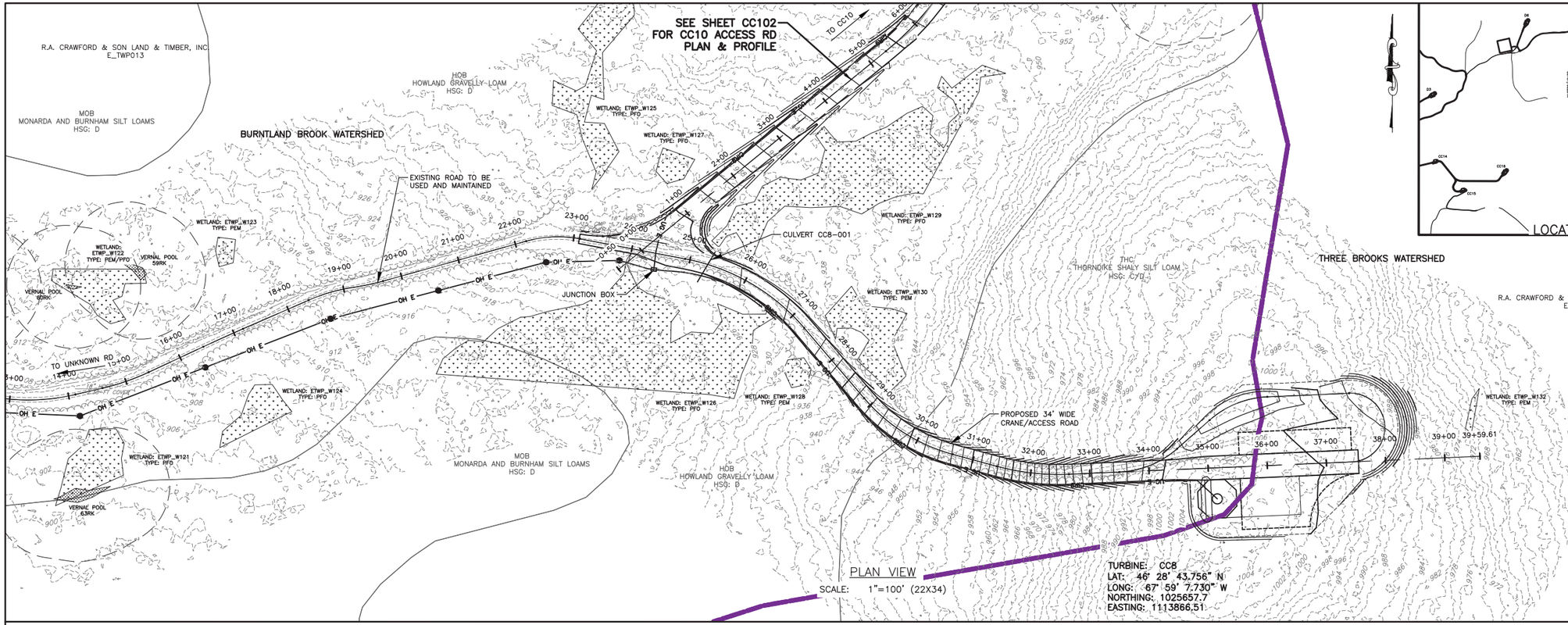
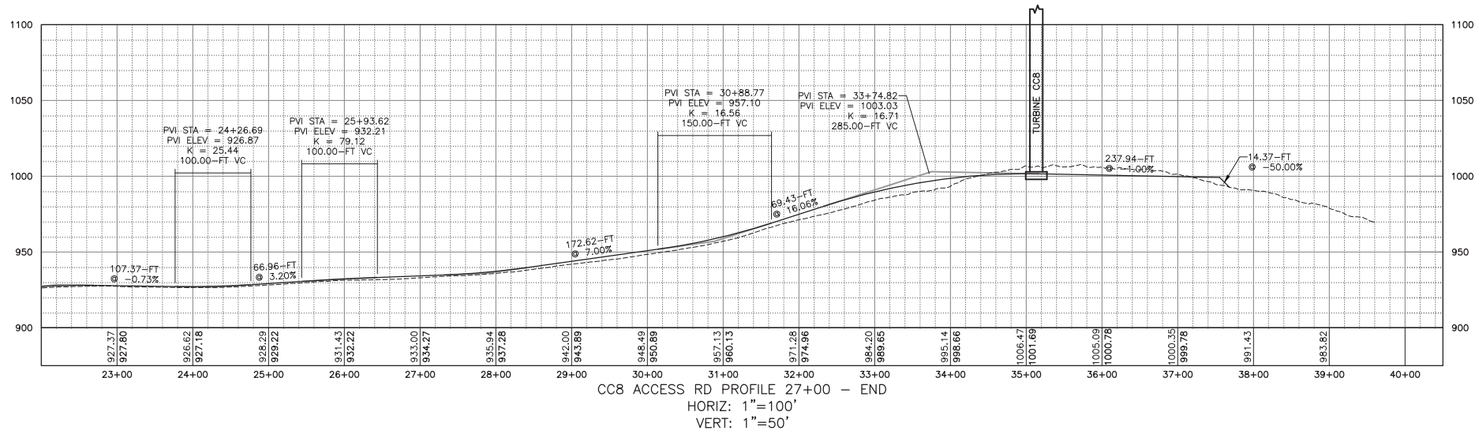
NUMBER NINE WIND FARM

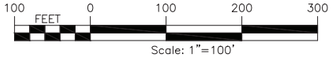
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
CC-SHEETS INDEX PLAN SHEET C

DRAWING NO.
CC100C







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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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JULY 2015

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135 Commerce Way, Suite 157, Portland, ME 04103
Phone: (207) 541-9773

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC8 ACCESS ROAD PLAN SHEET

DRAWING NO.
CC101

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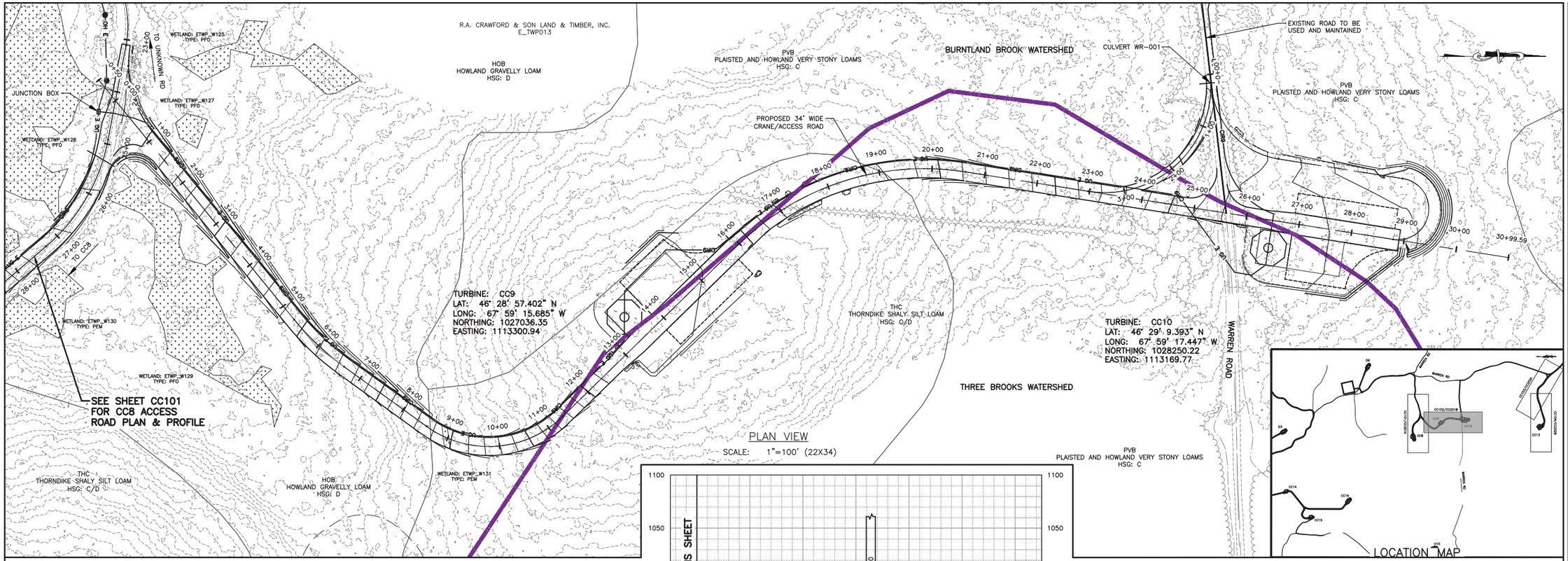

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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NUMBER NINE WIND FARM

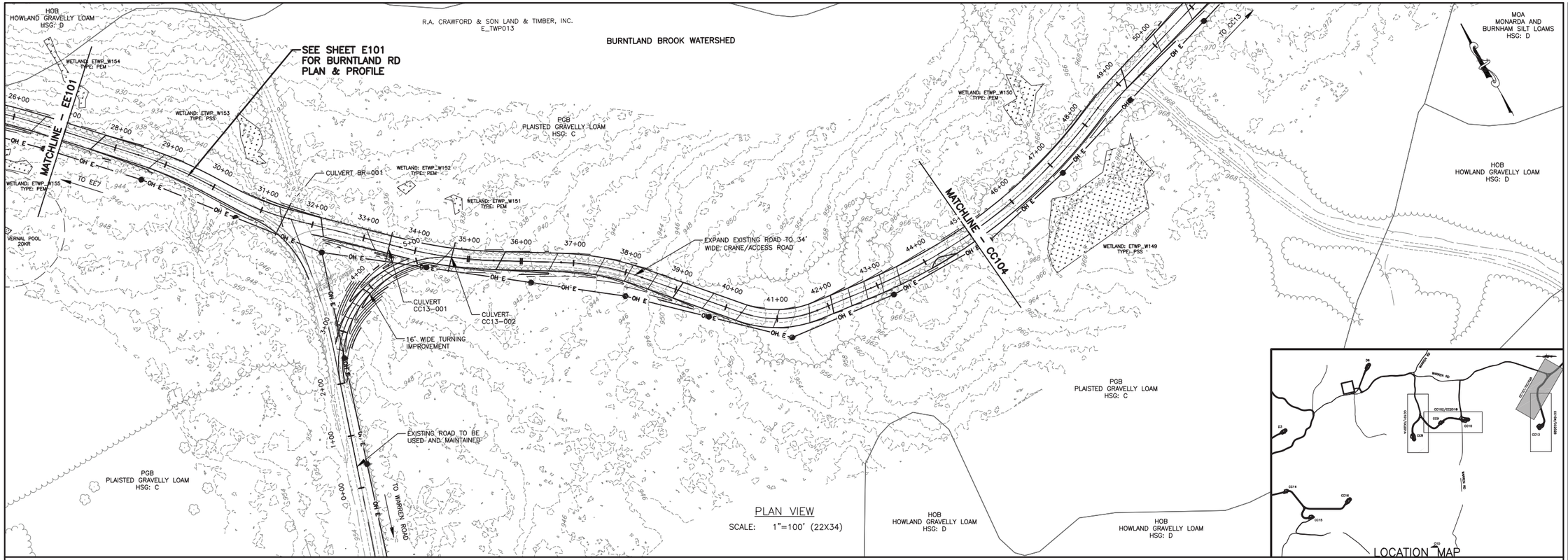
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

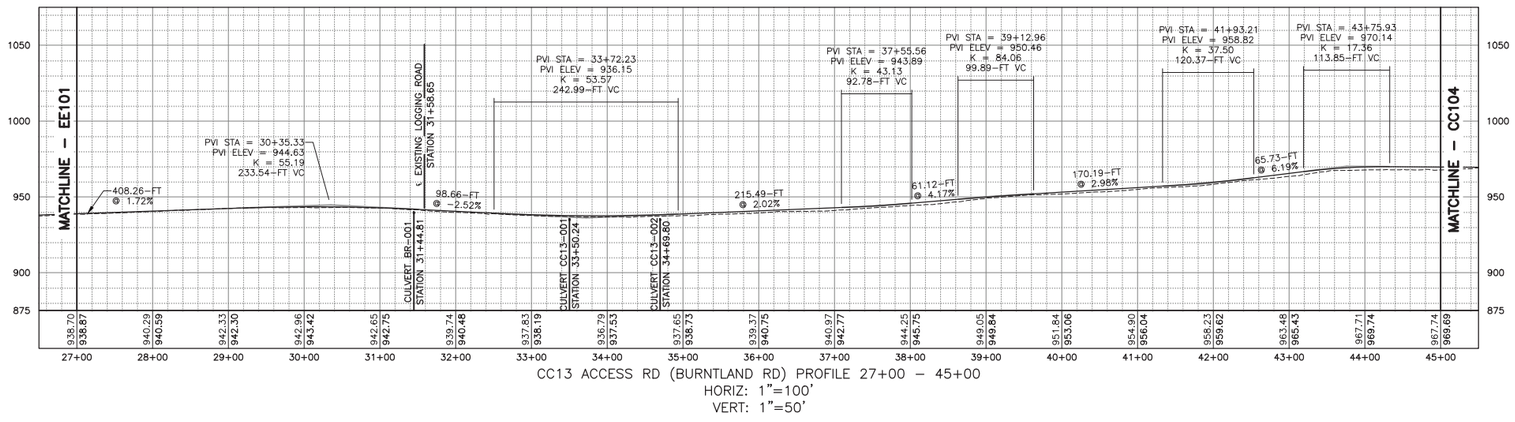
TITLE OF DRAWING
WTG CC9 AND WTG CC10 ACCESS ROAD PLAN SHEET

DRAWING NO.
CC102

SHEET 90 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC101-CC104 Sheets.dwg
DATE/TIME: 7/8/2015 9:10:39 AM
USER: Steven Mellott





CC13 ACCESS RD (BURNTLAND RD) PROFILE 27+00 – 45+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOCIATES.COM
135 Calkins Road, Rochester, NY 14623
Phone: (585) 334-1310

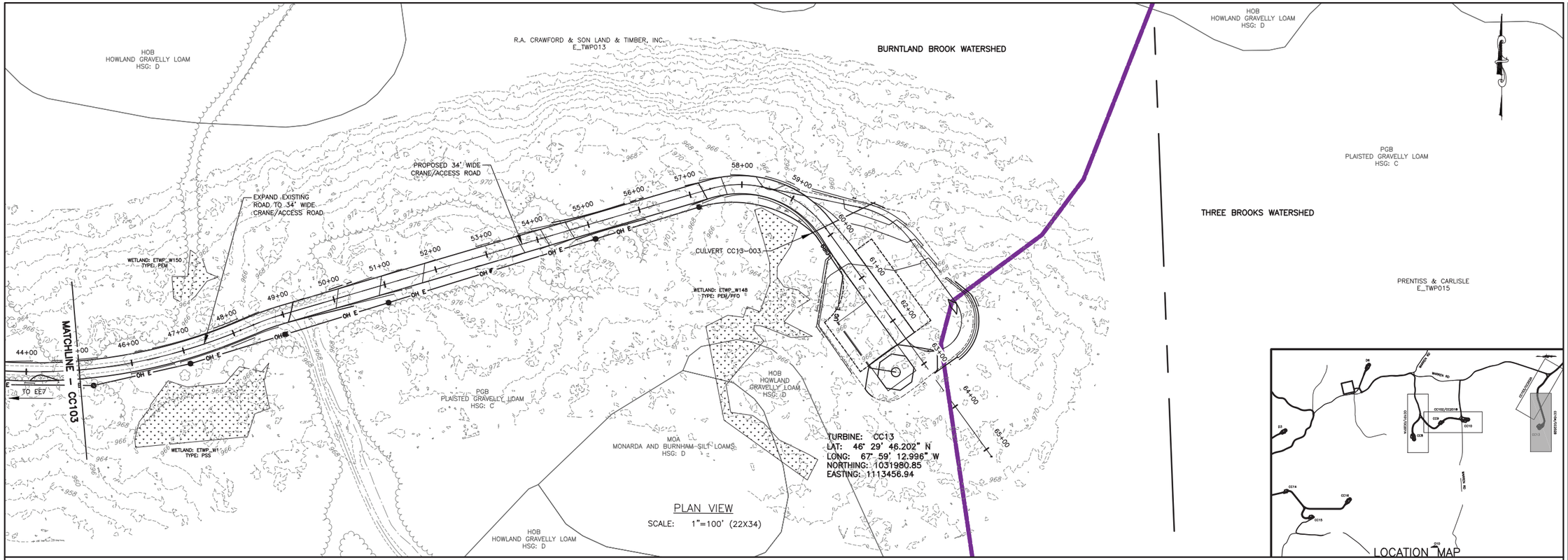
NUMBER NINE WIND FARM

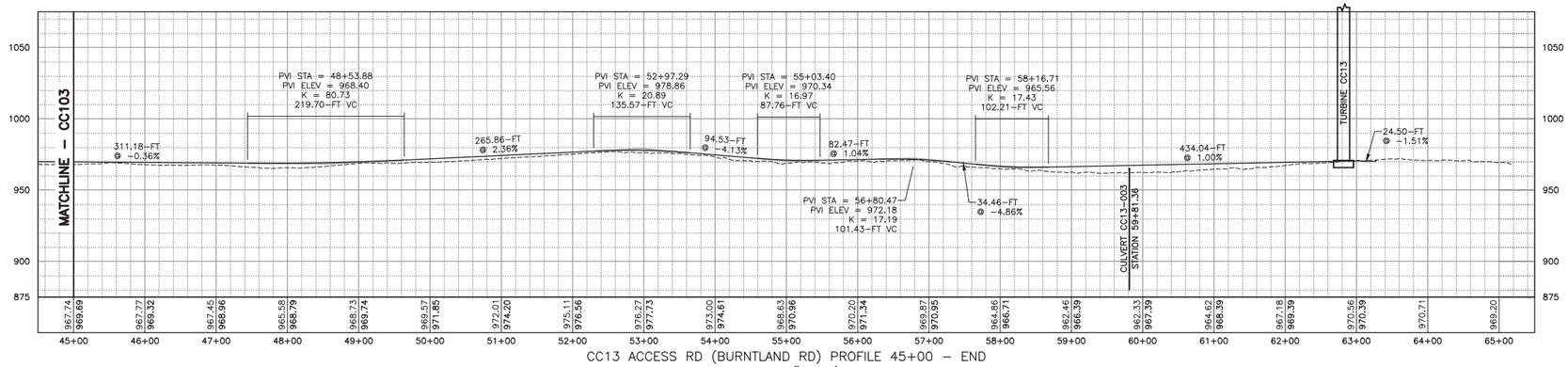
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC13 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
CC103

FILE NAME: H:\Projects\140009–Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC101–CC104 Sheets.dwg
DATE/TIME: 7/8/2015 9:11:05 AM
USER: Steven Mellott





CC13 ACCESS RD (BURNTLAND RD) PROFILE 45+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOCIATES.COM
135 Commerce Way, Suite 102, Portland, ME 04103
Phone: 207.774.2112

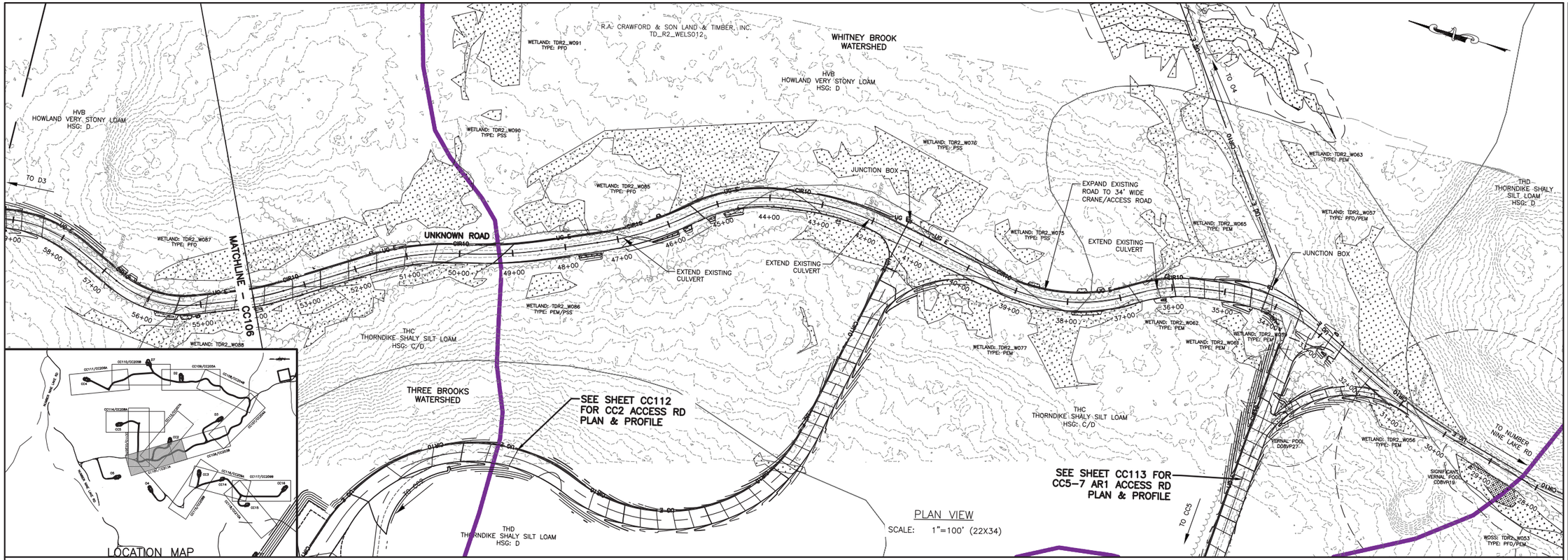
NUMBER NINE WIND FARM

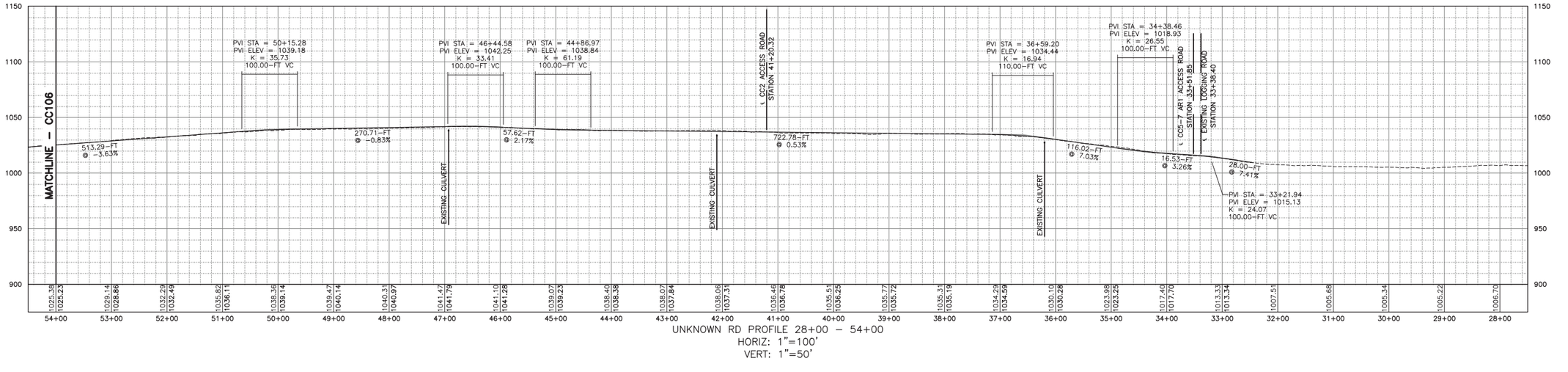
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC13 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
CC104

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC101-CC104 Sheets.dwg
DATE/TIME: 7/8/2015 9:11:39 AM
USER: Steven Mellott





UNKNOWN RD PROFILE 28+00 – 54+00
HORIZ: 1"=100'
VERT: 1"=50'

REV	DESCRIPTION	DATE	BY
1			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commerce Way, Suite 201, Portland, ME 04103
Phone: 207.774.2112

NUMBER NINE WIND FARM*

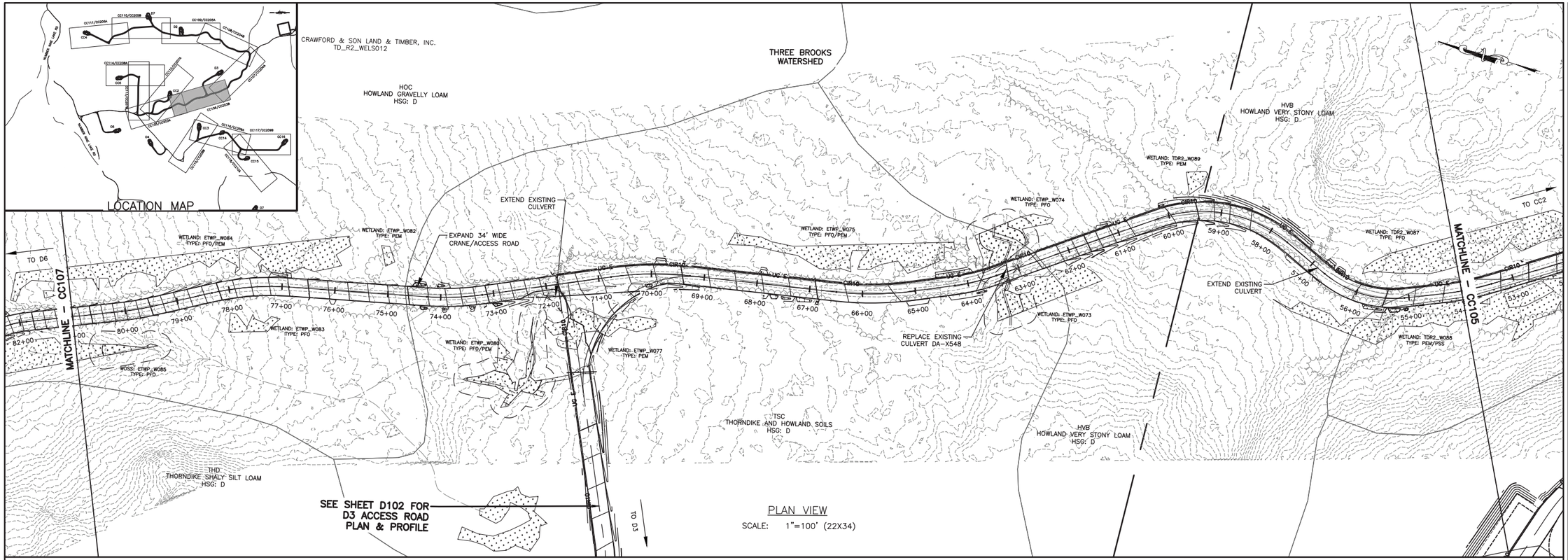
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
UNKNOWN ROAD PLAN SHEET 1

DRAWING NO.
CC105

SHEET 93 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC105-CC111 Sheets.dwg
DATE/TIME: 7/8/2015 9:13:49 AM
USER: Steven Mellott


CRAWFORD & SON LAND & TIMBER, INC.
TD_R2_WELS012
THREE BROOKS WATERSHED
HOC
HOWLAND GRAVELLY LOAM
HSG: D
HVB
HOWLAND VERY STONY LOAM
HSG: D
TSC
THORNDIKE AND HOWLAND SOILS
HSG: D
THD
THORNDIKE SHALY SILT LOAM
HSG: D
TO D6
TO D3
TO CC2
MATCHLINE – CC107
MATCHLINE – CC105
EXTEND EXISTING CULVERT
EXPAND 34' WIDE CRANE/ACCESS ROAD
REPLACE EXISTING CULVERT DA-X548
EXTEND EXISTING CULVERT
SEE SHEET D102 FOR D3 ACCESS ROAD PLAN & PROFILE
WETLAND: ETWP_W064 TYPE: PFO/PEM
WETLAND: ETWP_W082 TYPE: PEM
WETLAND: ETWP_W083 TYPE: PFO
WETLAND: ETWP_W085 TYPE: PFO
WETLAND: ETWP_W080 TYPE: PFO/PEM
WETLAND: ETWP_W077 TYPE: PEM
WETLAND: ETWP_W075 TYPE: PFO/PEM
WETLAND: ETWP_W074 TYPE: PFO
WETLAND: ETWP_W073 TYPE: PFO
WETLAND: TDR2_W089 TYPE: PEM
WETLAND: TDR2_W087 TYPE: PFO
WETLAND: TDR2_W088 TYPE: PEM/PSS
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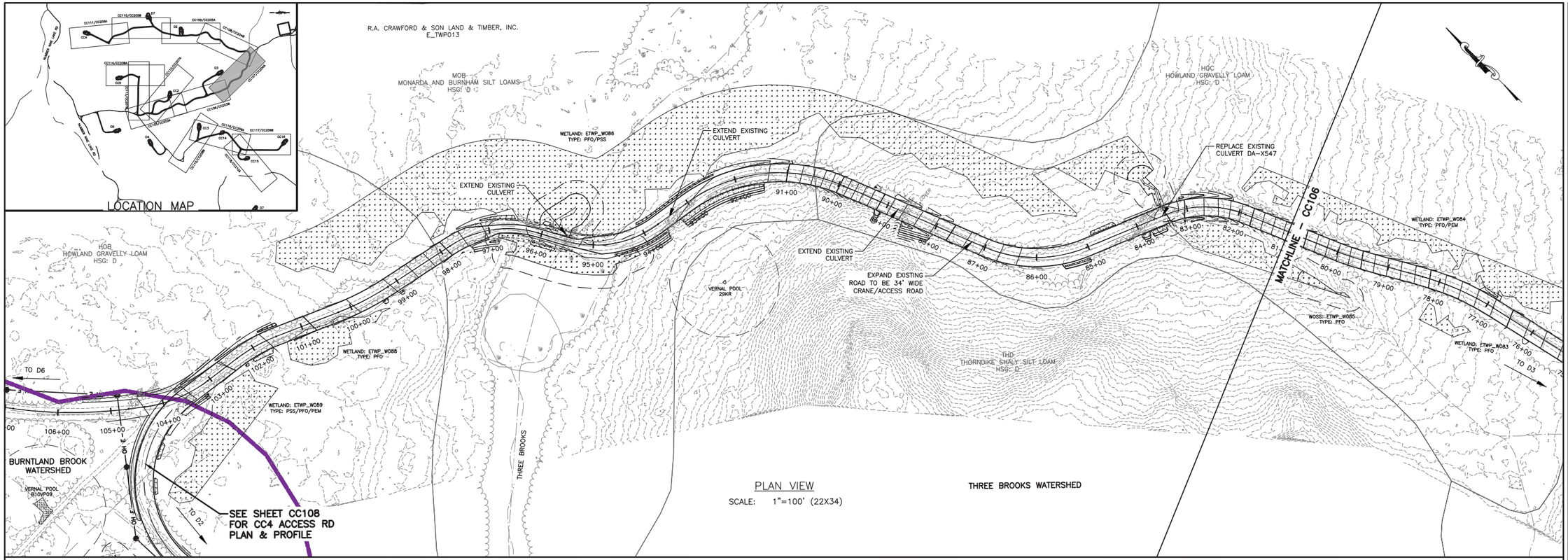
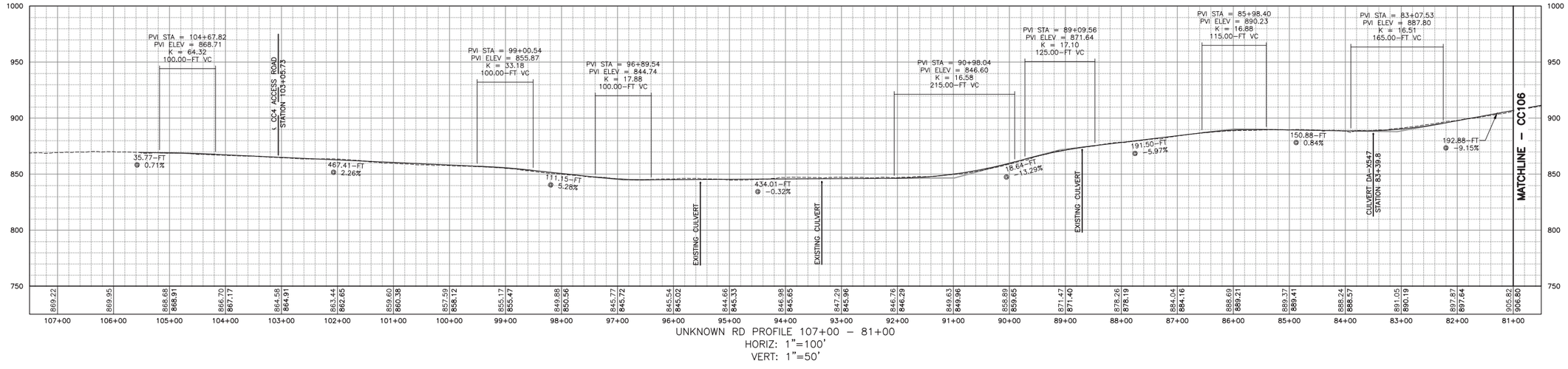
LOCATION MAP



PLAN VIEW

SCALE: 1"=100' (22X34)



UNKNOWN RD PROFILE 107+00 - 81+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catamount Drive, Milton, NY 12803
Phone: 845.504.1370

NUMBER NINE WIND FARM*

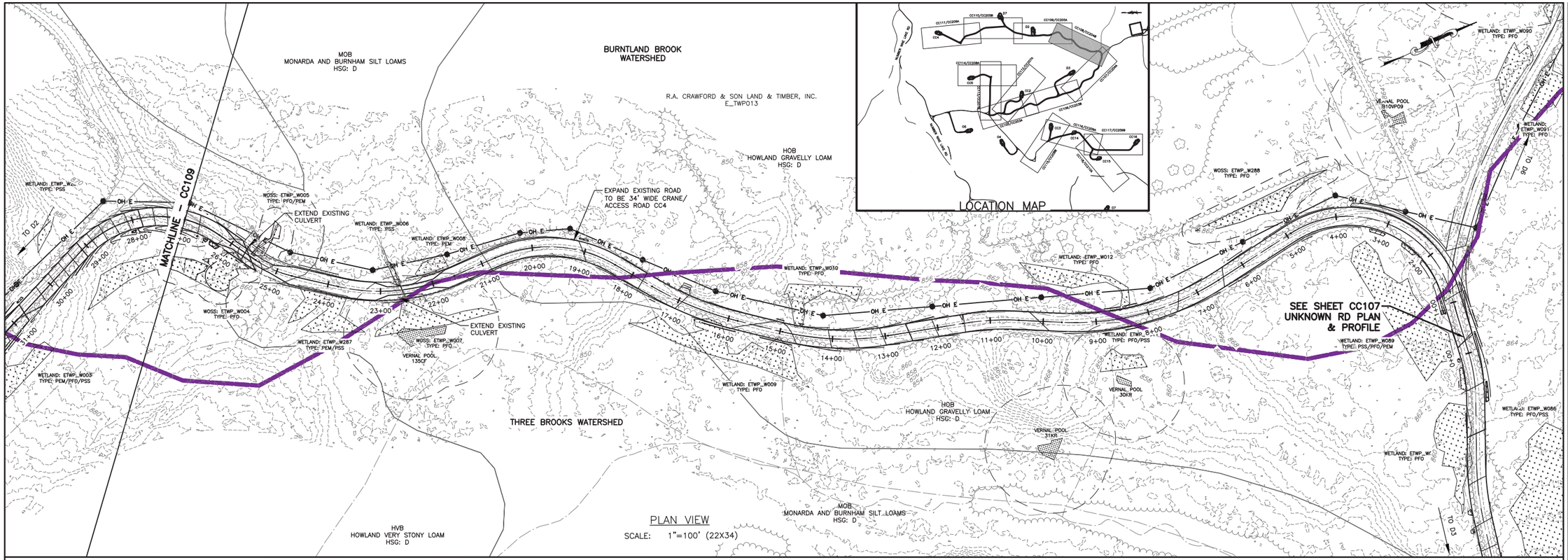
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

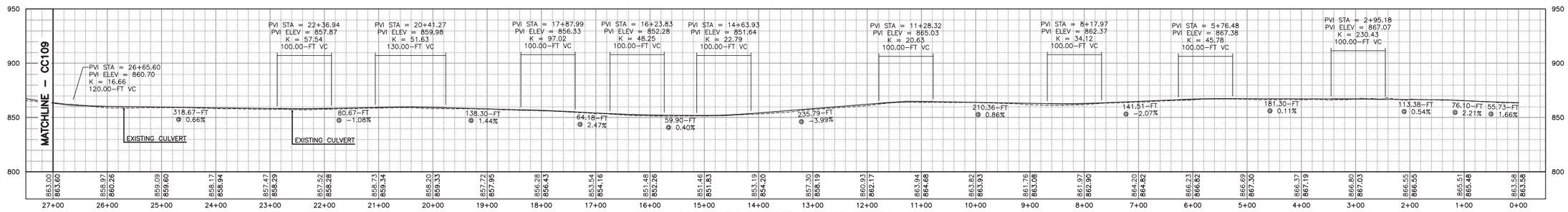
TITLE OF DRAWING
UNKNOWN ROAD PLAN SHEET 3

DRAWING NO.
CC107

SHEET 95 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC105-CC111 Sheets.dwg
DATE/TIME: 7/8/2015 9:15:01 AM
USER: Steven Mellott





CC4 ACCESS RD PROFILE 27+00 - 0+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
105 Carnegie Drive (585)334-1310 (P) 14623
Rochester, (585)334-1313 (F)

NUMBER NINE WIND FARM

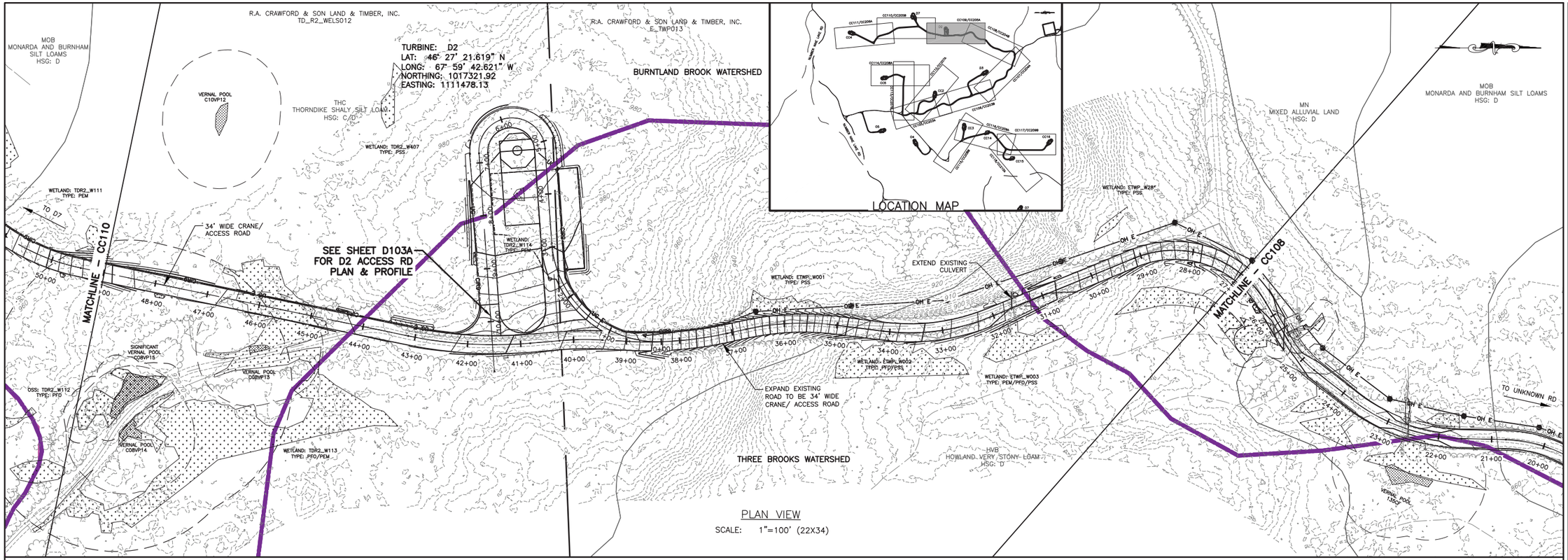
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC4 ACCESS ROAD PLAN SHEET 1

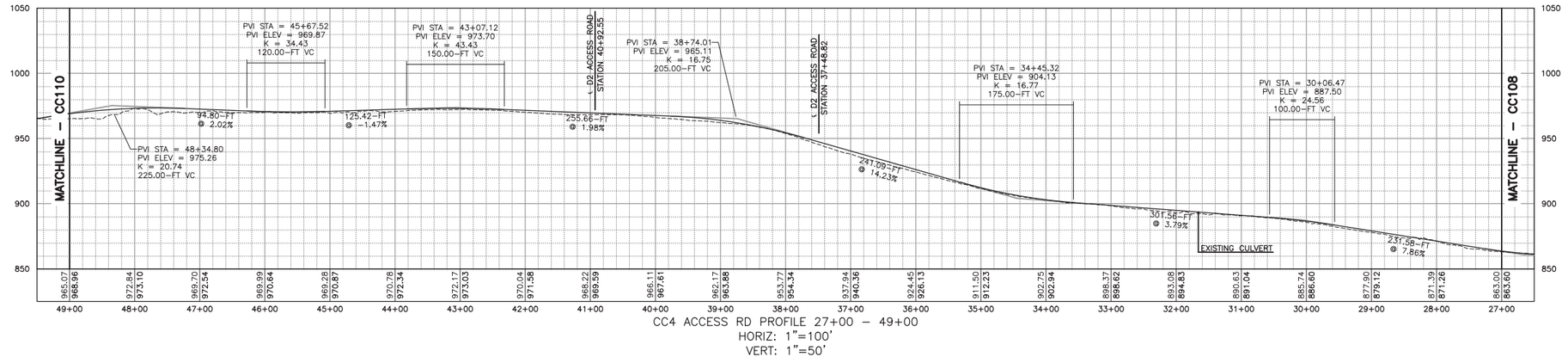
DRAWING NO.
CC108

SHEET 96 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC105-CC111 Sheets.dwg
DATE/TIME: 7/8/2015 9:15:30 AM
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)



CC4 ACCESS RD PROFILE 27+00 – 49+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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AS SHOWN
ISSUE DATE
JULY 2015

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135 Catherine Street, Bangor, ME 04401
Phone: 207.942.1179

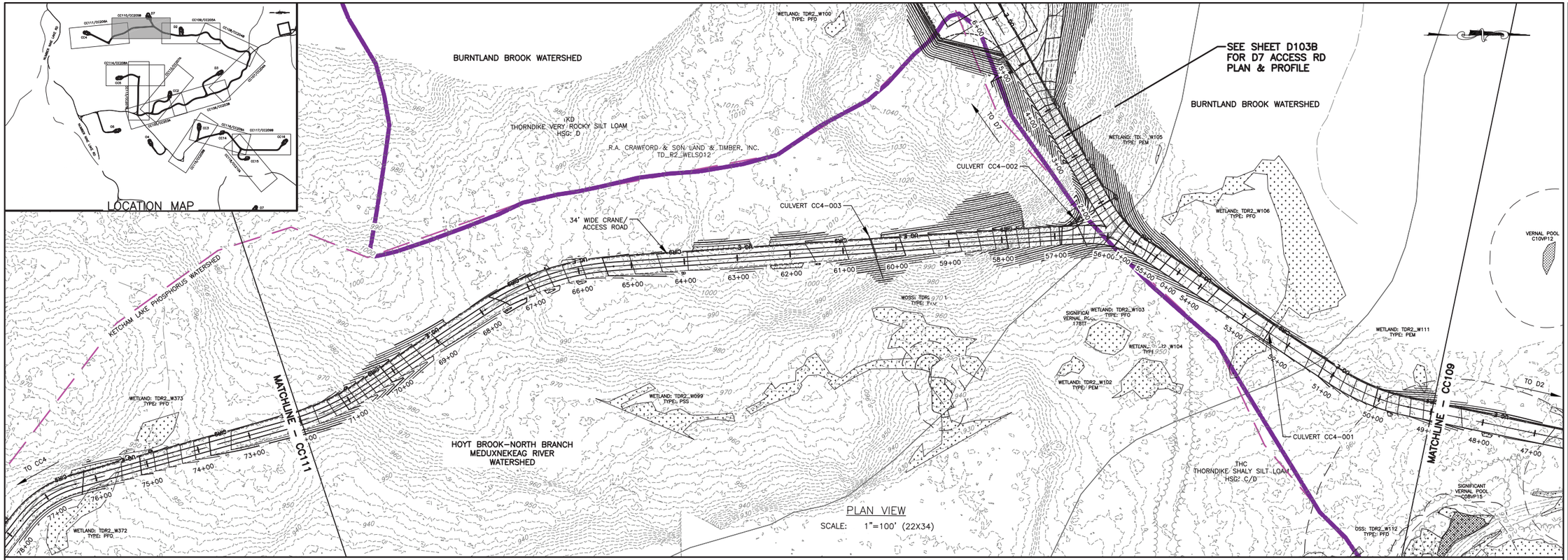
NUMBER NINE WIND FARM*

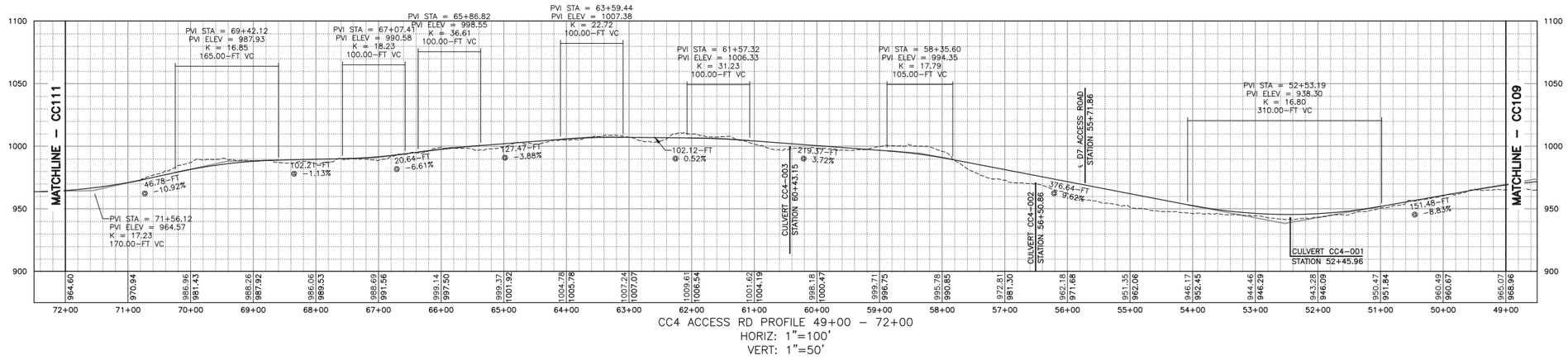
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC4 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
CC109

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC105-CC111 Sheets.dwg
DATE/TIME: 7/8/2015 9:16:10 AM
USER: Steven Mellott





CC4 ACCESS RD PROFILE 49+00 - 72+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
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AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catamount Drive Milton, VT 05468
Phone: 802-524-1570

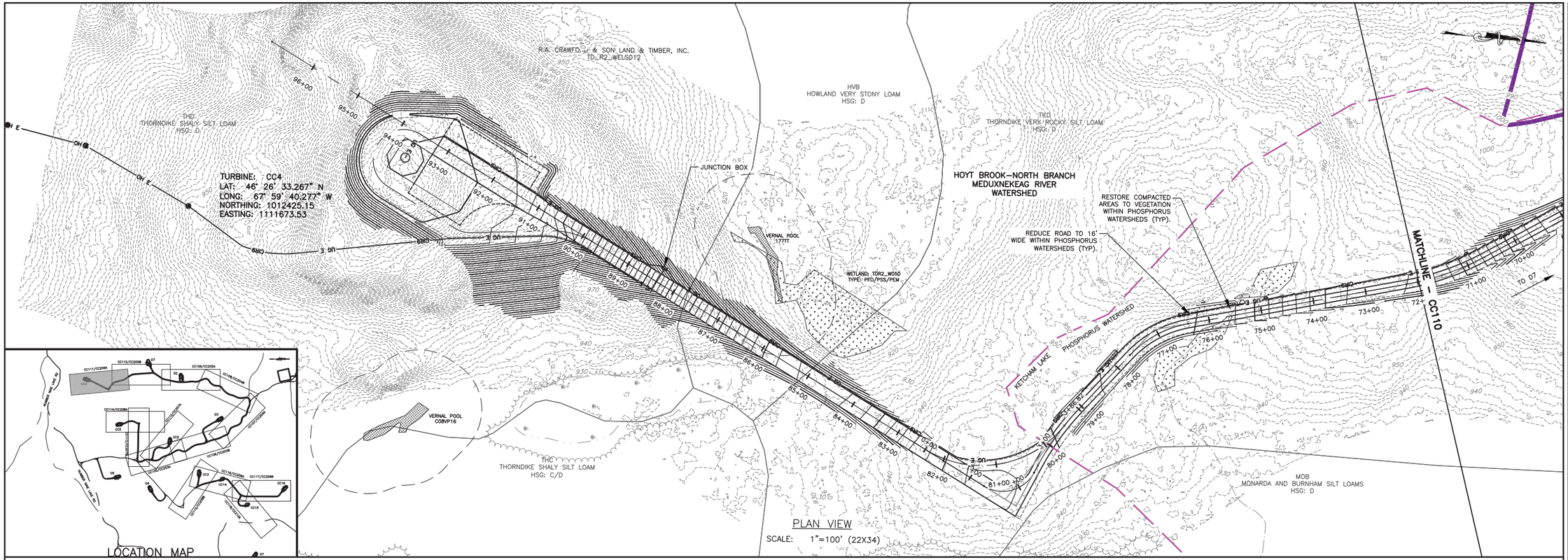
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC4 ACCESS ROAD PLAN SHEET 3

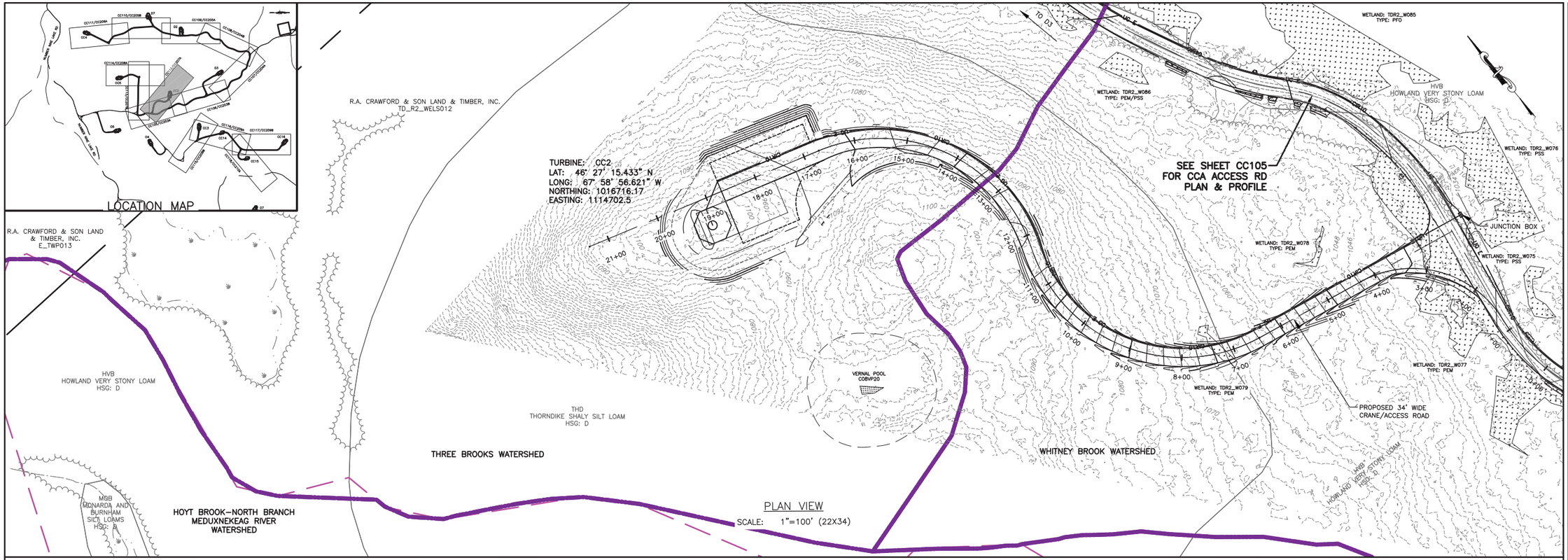
DRAWING NO.
CC110

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC105-CC111 Sheets.dwg
DATE/TIME: 7/8/2015 9:16:50 AM
USER: Steven Mellott

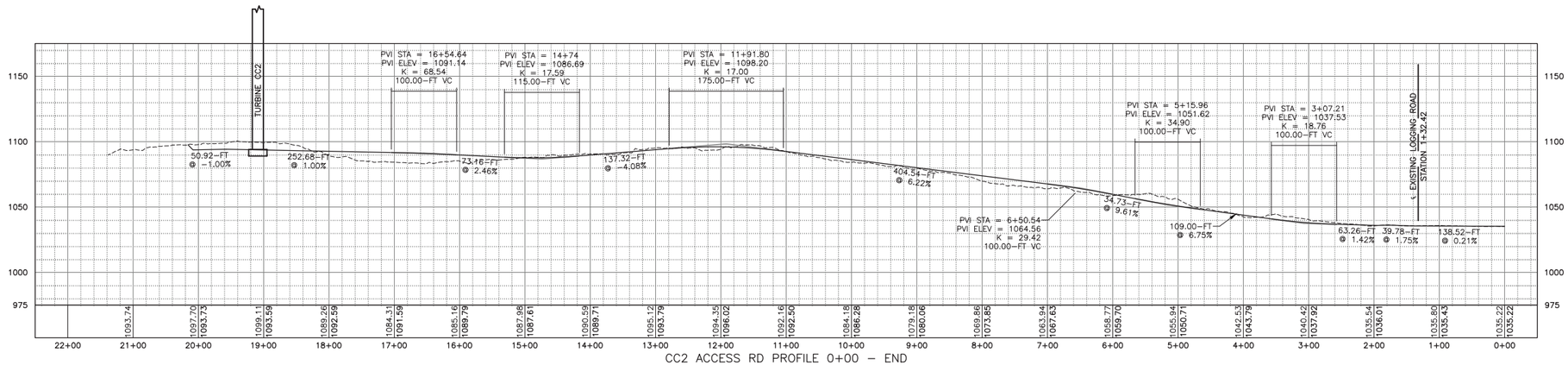


PLAN VIEW
SCALE: 1"=100' (22X34)

LOCATION MAP



PLAN VIEW
SCALE: 1"=100' (22X34)



CC2 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catron Street, Suite 1 Phone: 828.254.1133 Fax: 828.254.1176 Marshall, NC 28753

NUMBER NINE WIND FARM

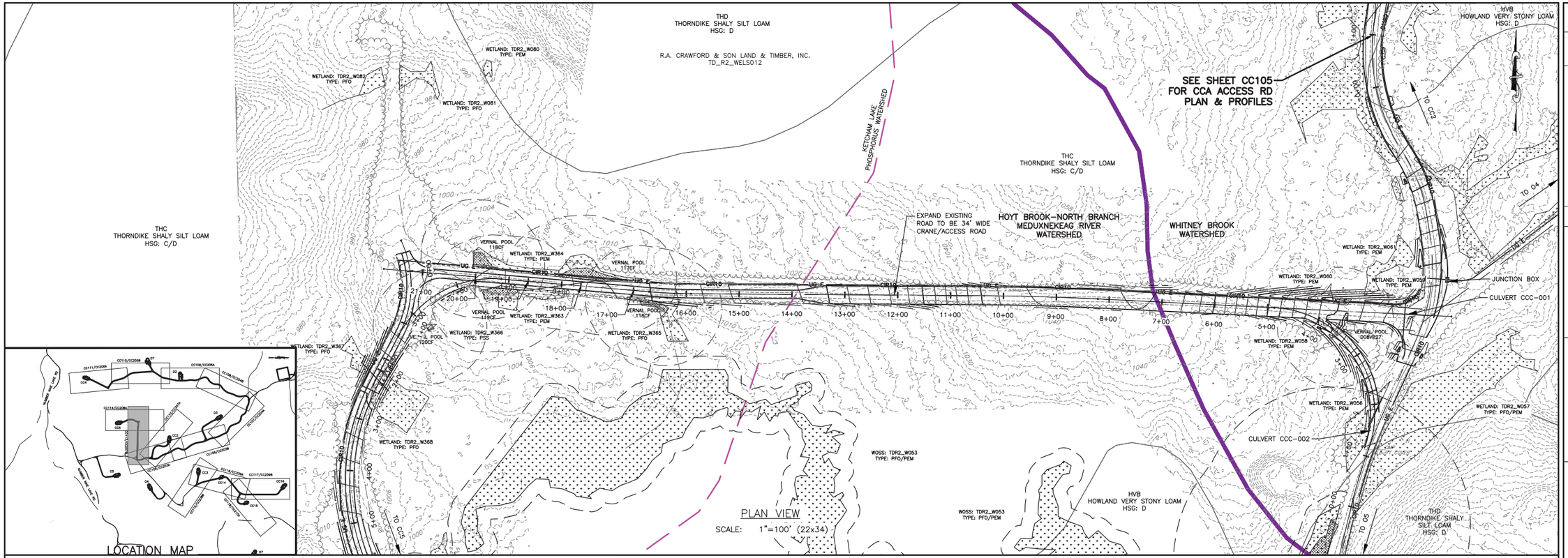
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

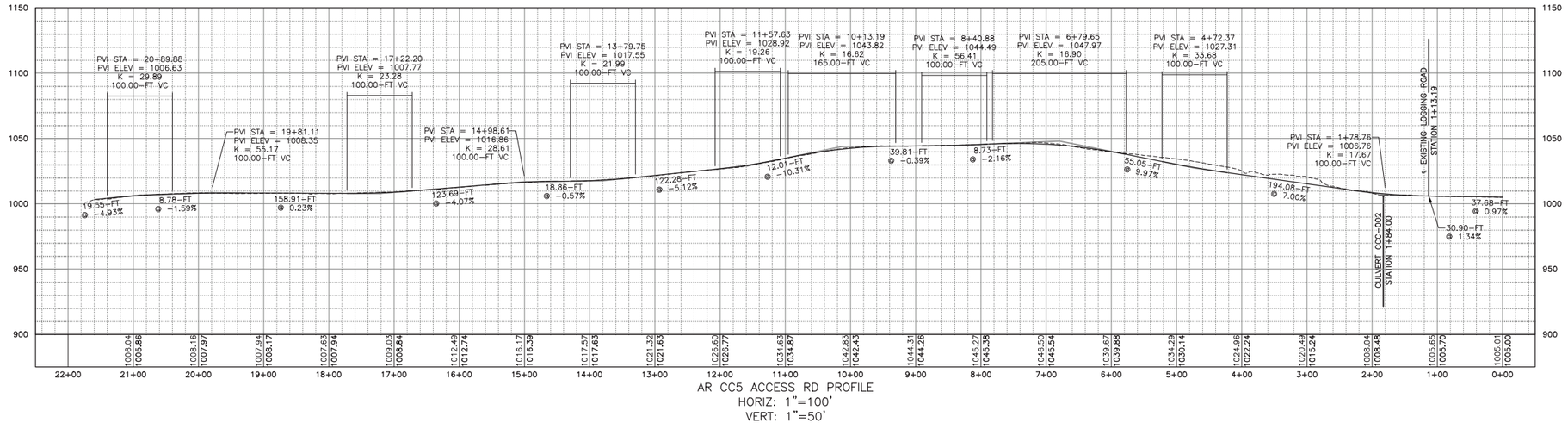
TITLE OF DRAWING
WTG CC2 ACCESS ROAD PLAN SHEET

DRAWING NO.
CC112

SHEET 100 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC112--CC118 Sheets.dwg
DATE/TIME: 7/8/2015 9:19:04 AM
USER: Steven Mellott





100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catamount Drive, Milton, NY 12803
Phone: 845.504.1179

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

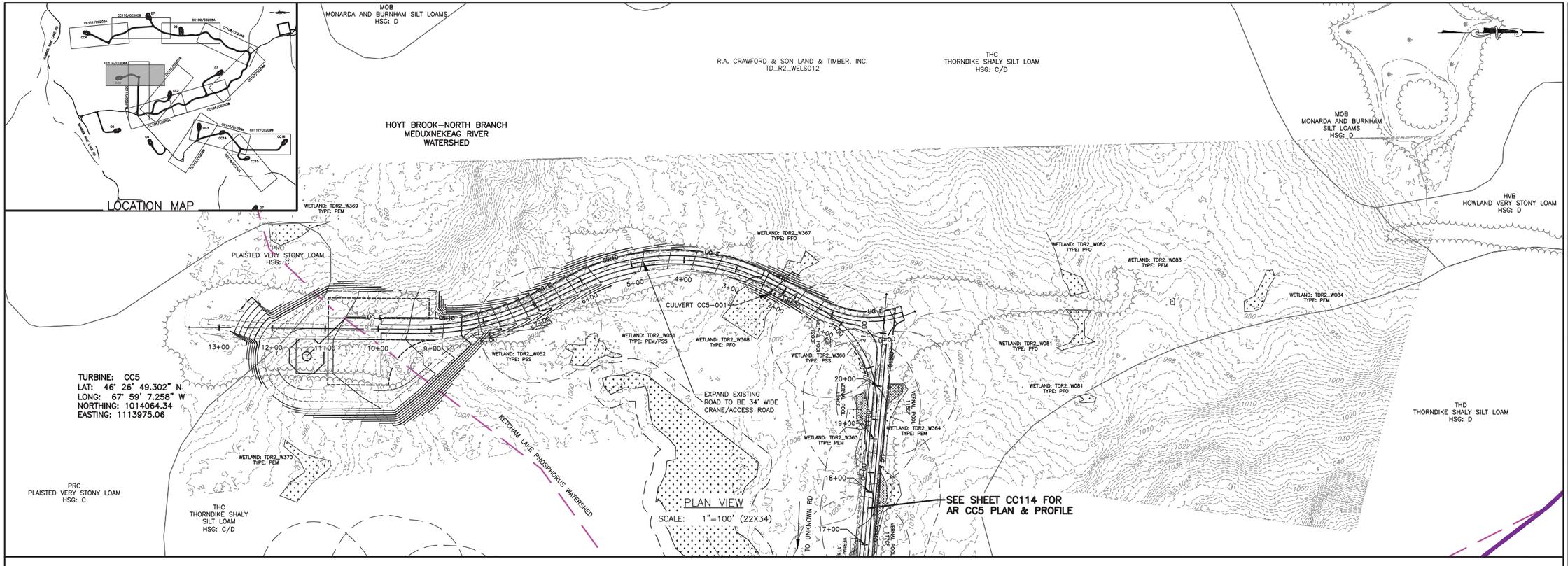
TITLE OF DRAWING
WTG CC5 ACCESS ROAD PLAN SHEET 1

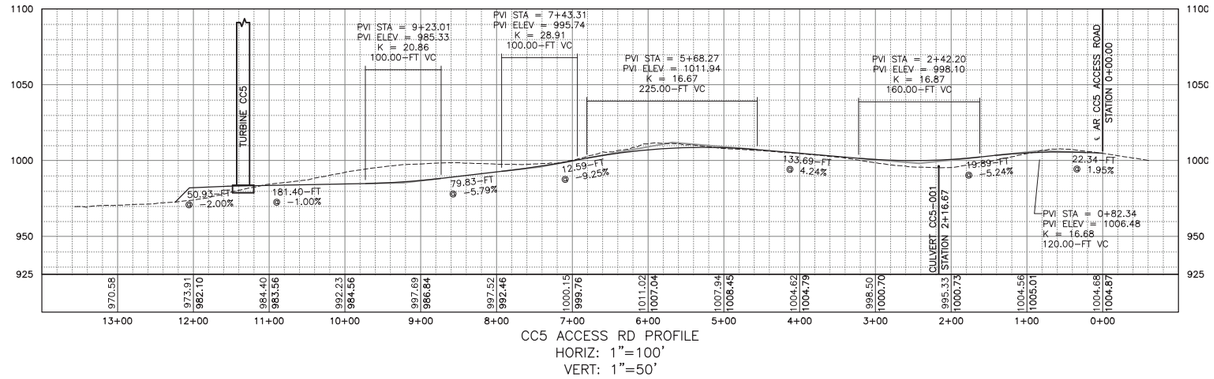
DRAWING NO.
CC113

SHEET 101 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC112-CC118 Sheets.dwg
DATE/TIME: 7/8/2015 9:19:33 AM
USER: Steven Mellott

LOCATION MAP





CC5 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Phone: 603.749.9424

NUMBER NINE WIND FARM™

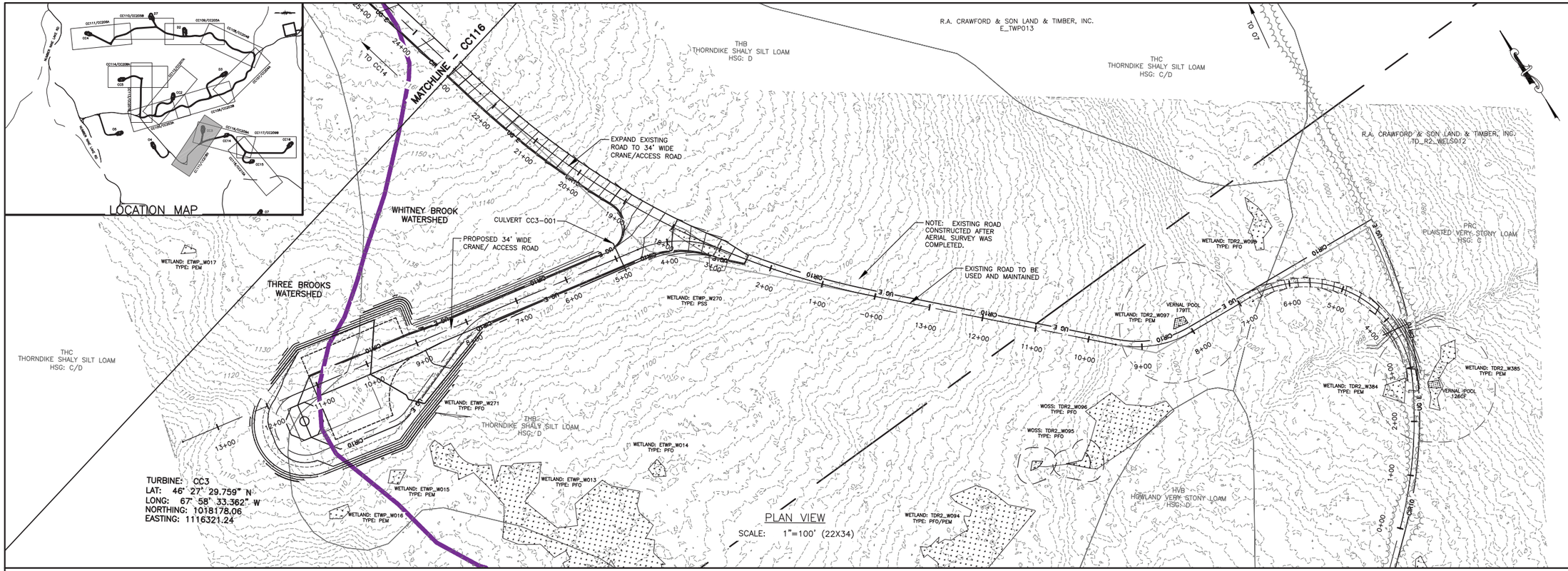
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC5 ACCESS ROAD PLAN SHEET 2

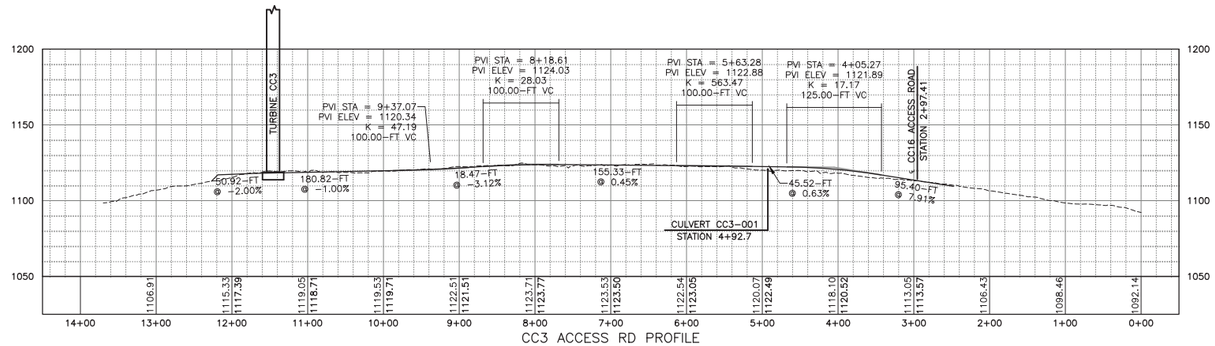
DRAWING NO.
CC114

SHEET 102 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC112--CC118 Sheets.dwg
DATE/TIME: 7/8/2015 9:20:01 AM
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)



CC3 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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140009
PROJECT MANAGER
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ISSUE DATE
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PROJECT
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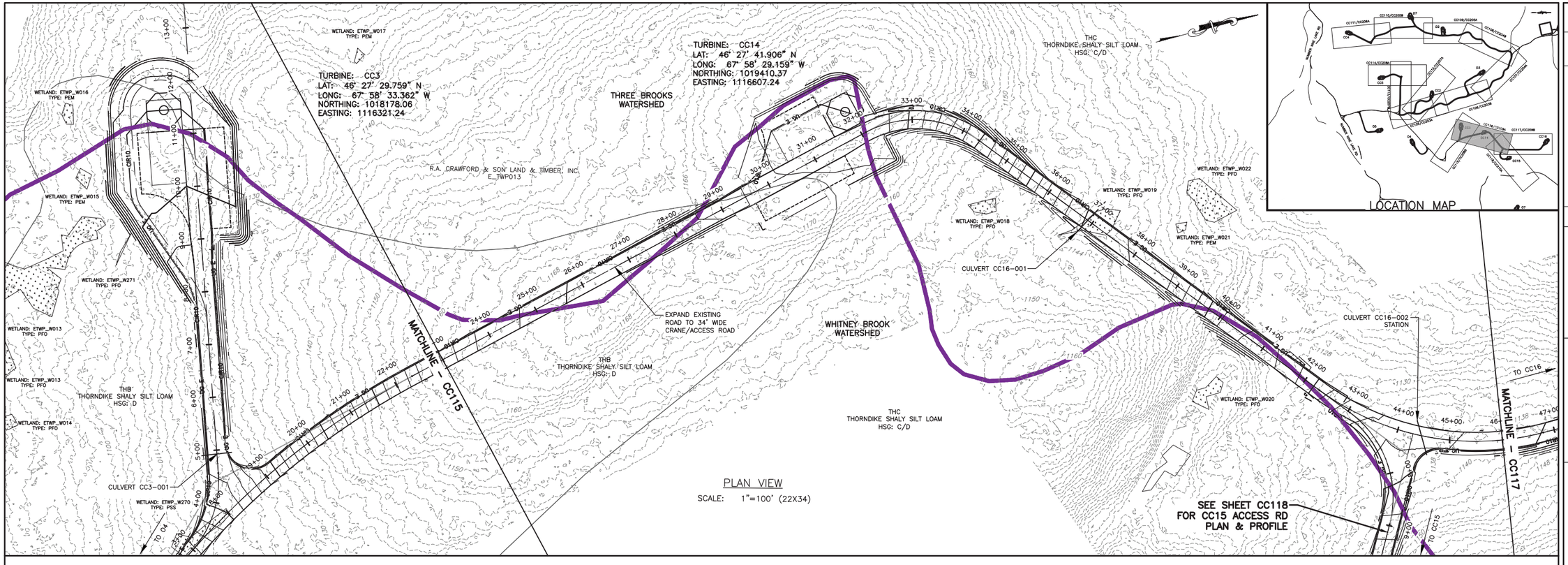
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC3 ACCESS ROAD PLAN SHEET

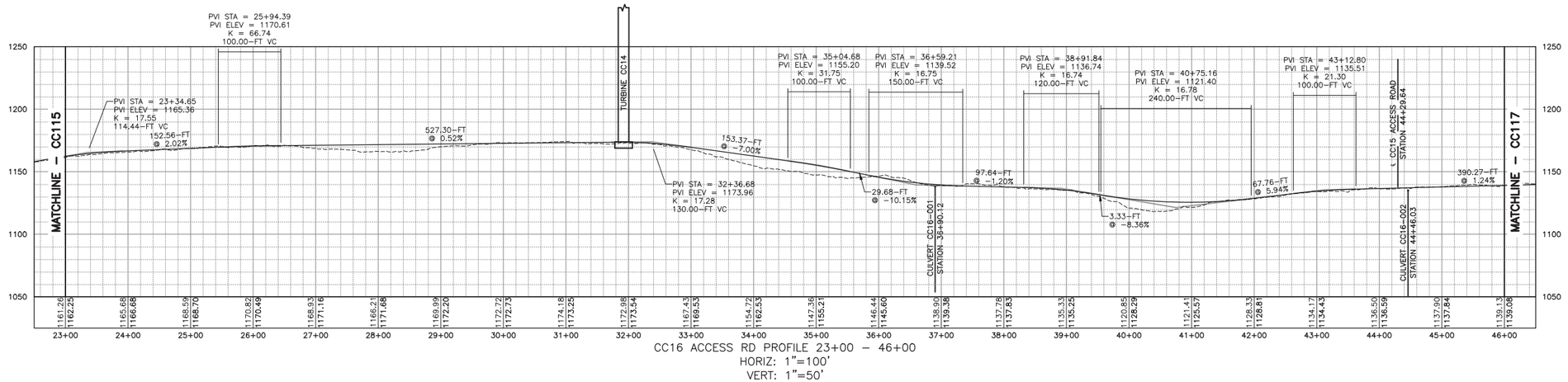
DRAWING NO.
CC115

SHEET 103 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC112--CC118 Sheets.dwg
DATE/TIME: 7/8/2015 9:20:32 AM
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)



CC16 ACCESS RD PROFILE 23+00 – 46+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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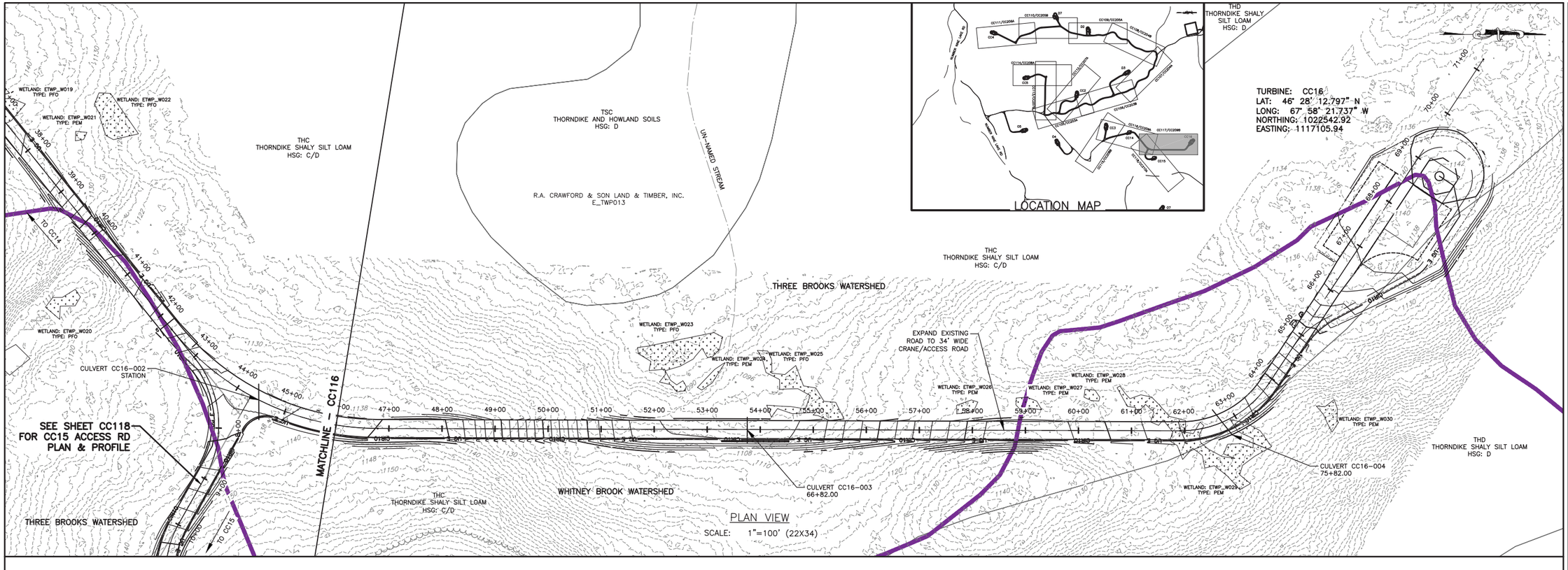
NUMBER NINE WIND FARM

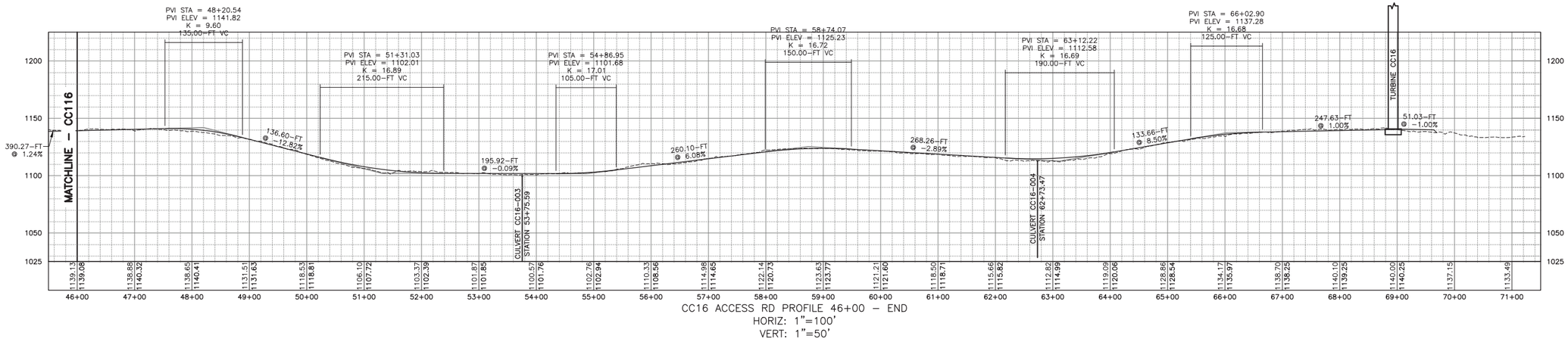
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC14 AND WTG CC16 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
CC116

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC112-CC118 Sheets.dwg
DATE/TIME: 7/8/2015 9:21:01 AM
USER: Steven Mellott





CC16 ACCESS RD PROFILE 46+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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DP/BA
SCALE
AS SHOWN
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JULY 2015

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NUMBER NINE WIND FARM

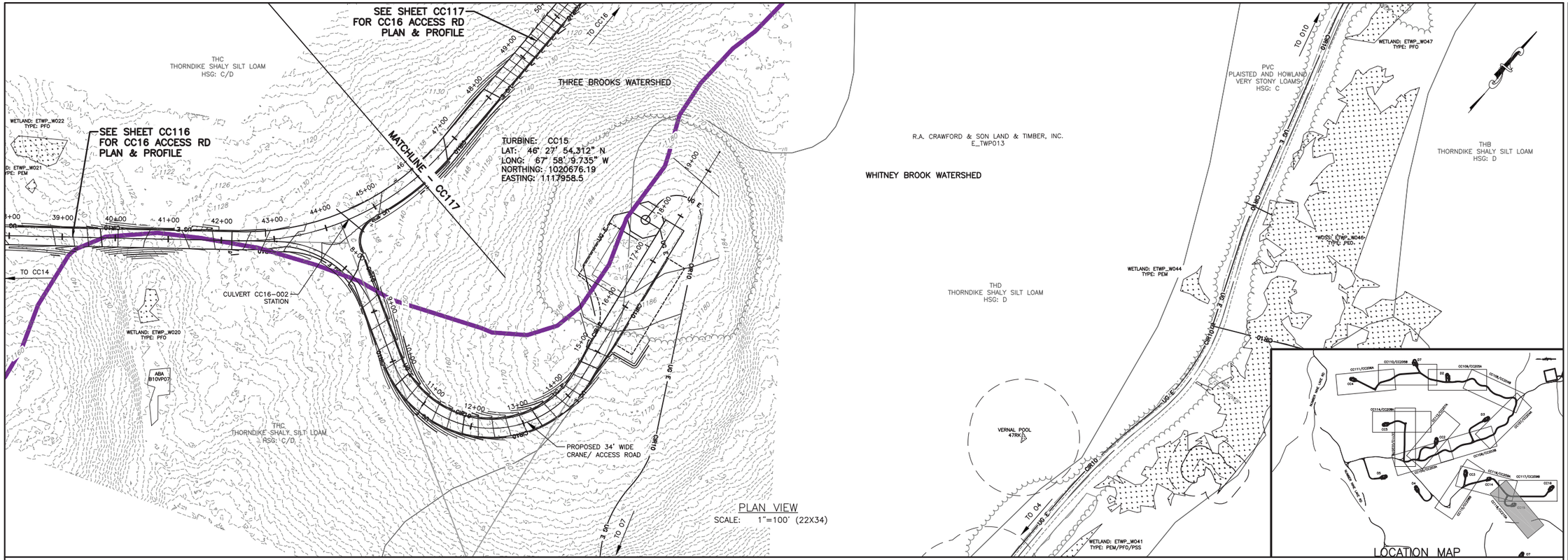
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

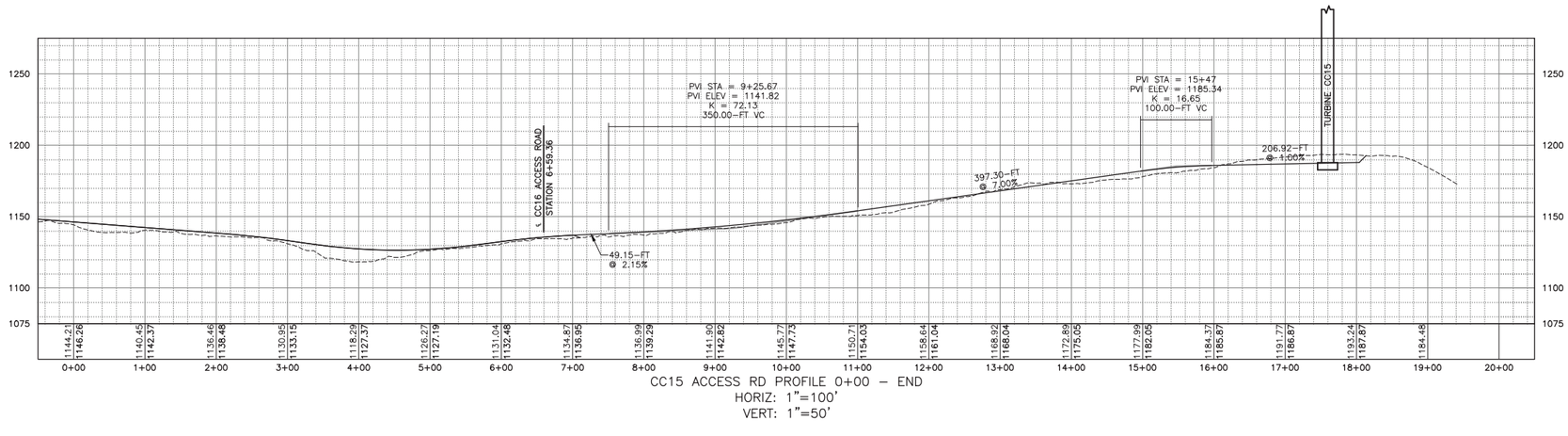
TITLE OF DRAWING
WTG CC14 AND WTG CC16 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
CC117

SHEET 105 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC112-CC118 Sheets.dwg
DATE/TIME: 7/8/2015 9:21:30 AM
USER: Steven Mellott





CC15 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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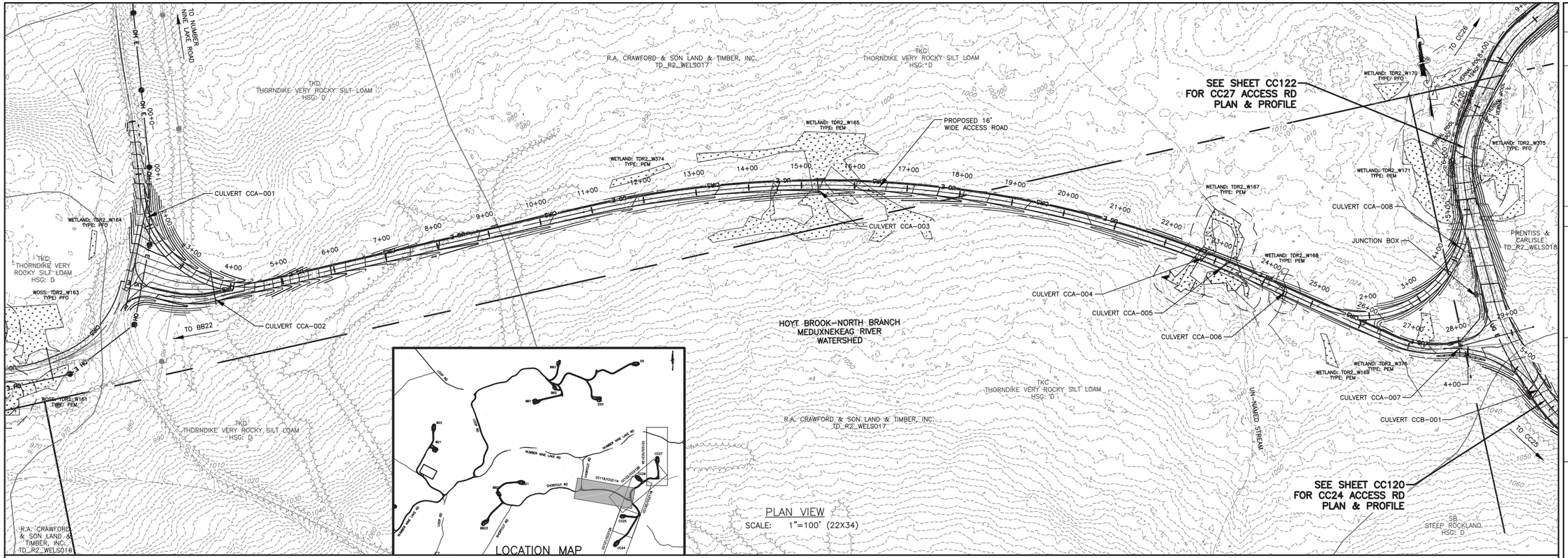
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

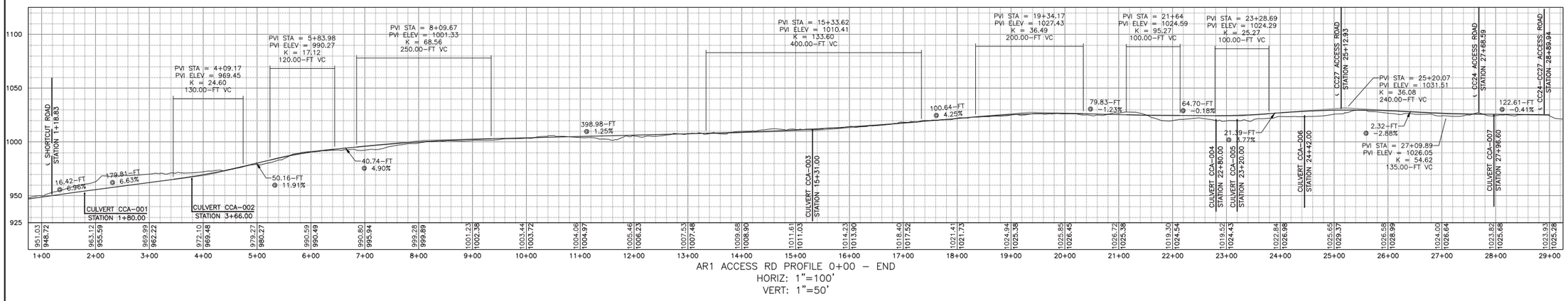
TITLE OF DRAWING
WTG CC15 ACCESS ROAD PLAN SHEET

DRAWING NO.
CC118

SHEET 106 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC112-CC118 Sheets.dwg
DATE/TIME: 7/8/2015 9:21:59 AM
USER: Steven Mellott





100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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140009
PROJECT MANAGER
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JULY 2015

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NUMBER NINE WIND FARM

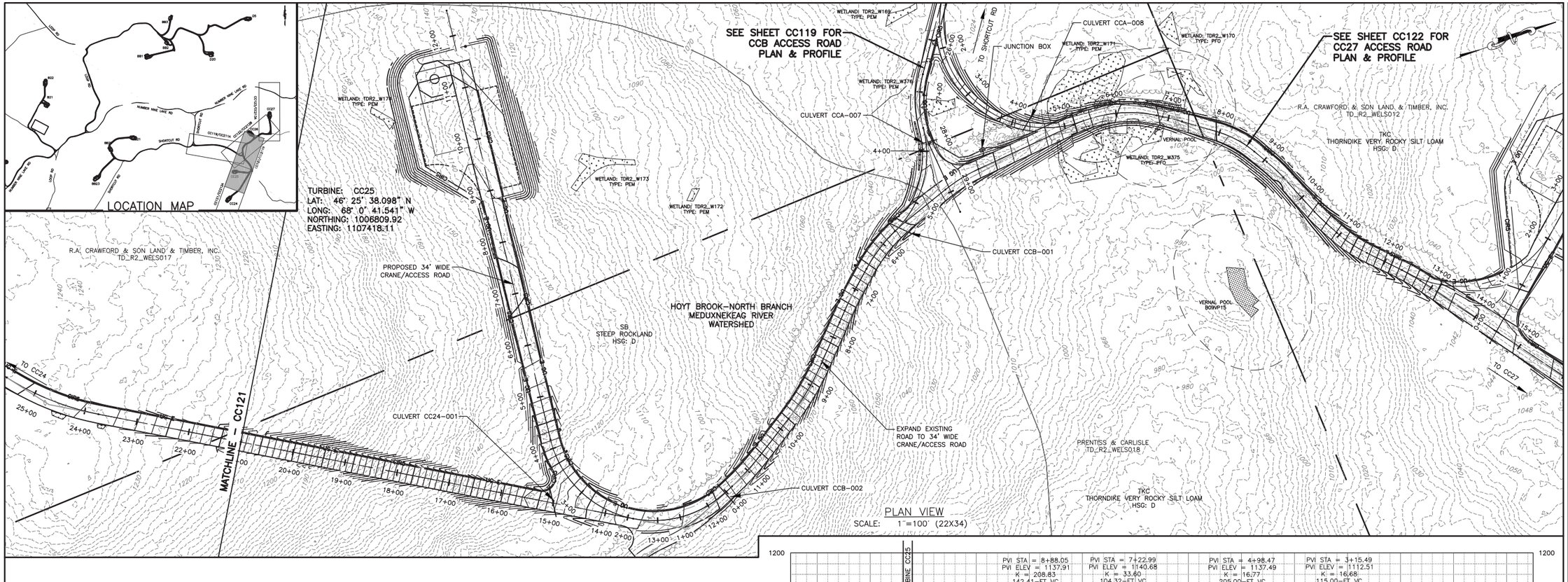
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

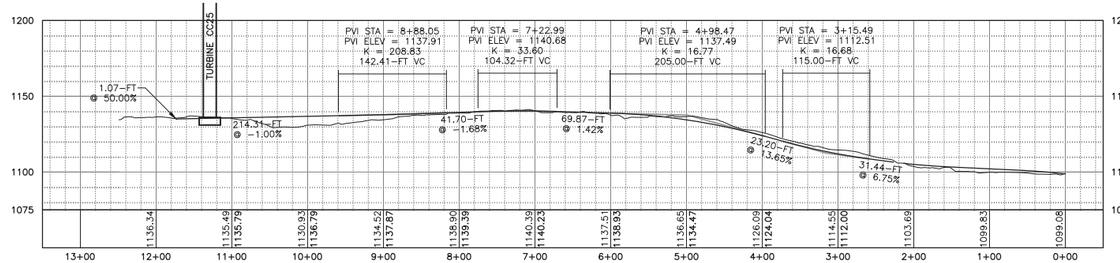
TITLE OF DRAWING
CCA ACCESS ROAD PLAN SHEET

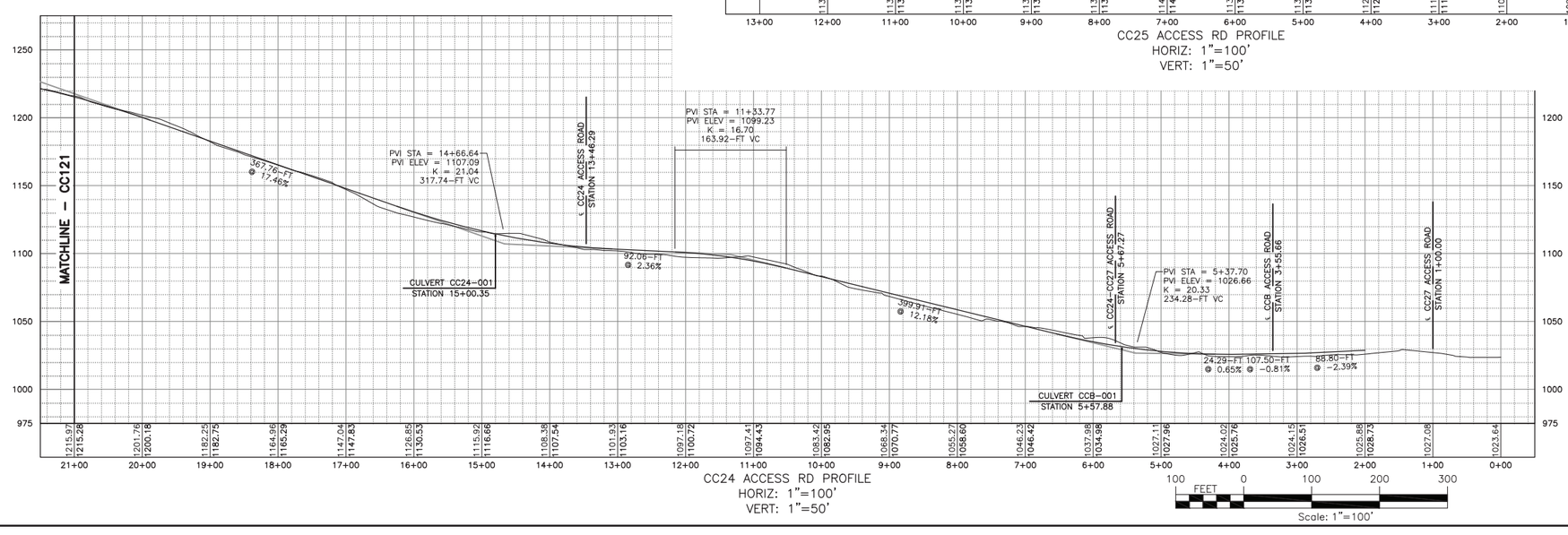
DRAWING NO.
CC119

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC119--CC123 Sheets.dwg
DATE/TIME: 7/8/2015 9:23:41 AM
USER: Steven Mellott

TURBINE: CC25
LAT: 46° 25' 38.098" N
LONG: 68° 0' 41.541" W
NORTHING: 1006809.92
EASTING: 1107418.11







100 0 100 200 300
FEET
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
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JULY 2015

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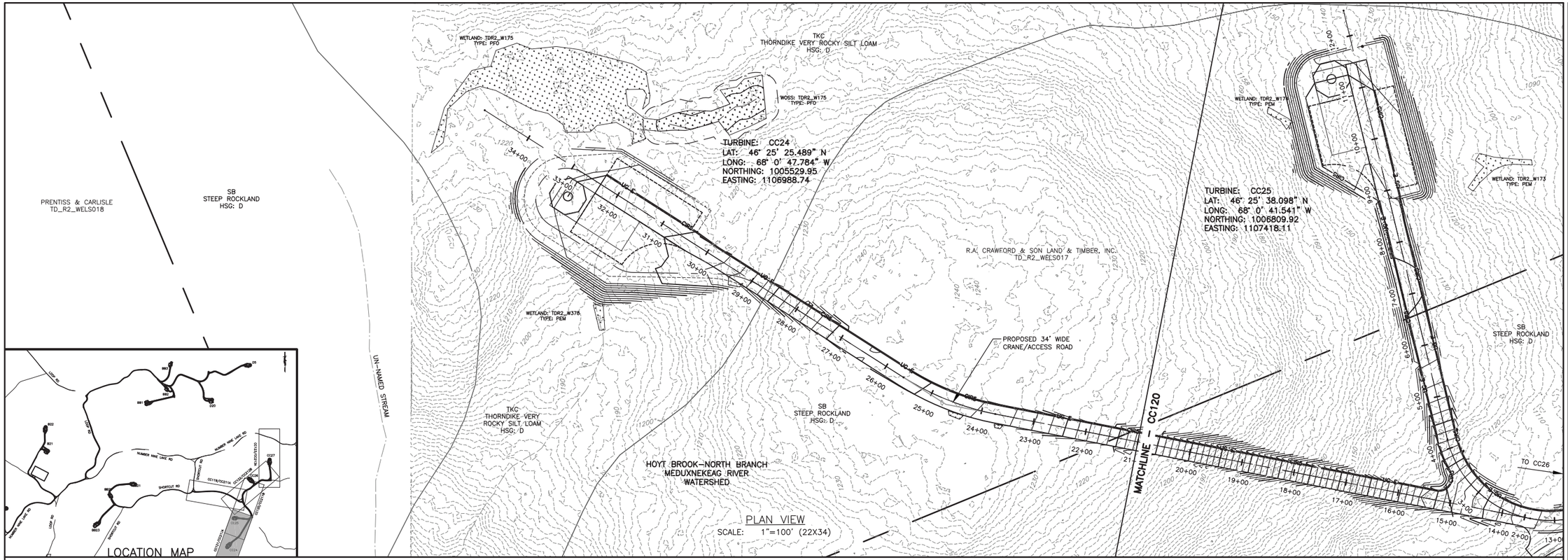
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

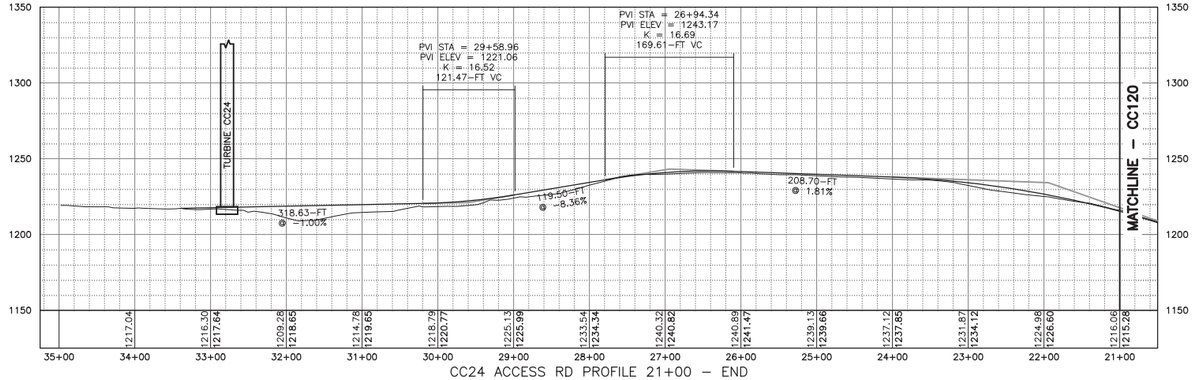
TITLE OF DRAWING
WTG CC24 AND WTG CC25 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
CC120

SHEET 108 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC119-CC123 Sheets.dwg
DATE/TIME: 7/8/2015 9:24:29 AM
USER: Steven Mellott





CC24 ACCESS RD PROFILE 21+00 - END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
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AS SHOWN
ISSUE DATE
JULY 2015

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105 Camden Street, Rockland, ME 04841
Phone: 207.594.1170

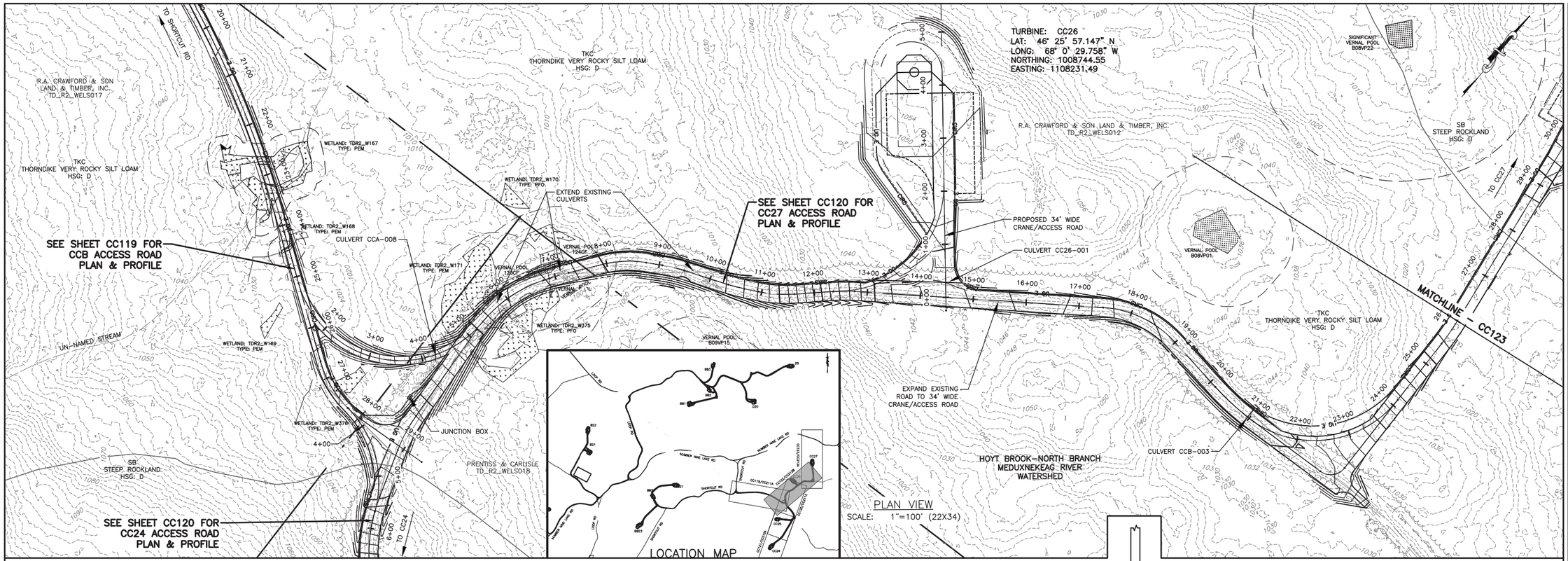
NUMBER NINE WIND FARM*

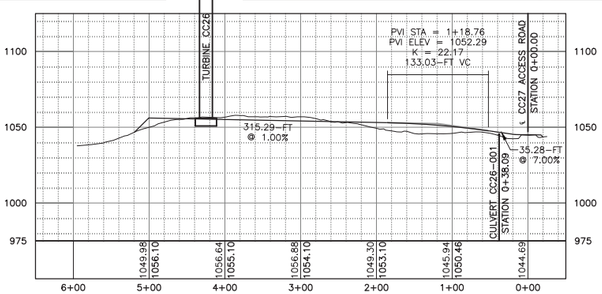
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

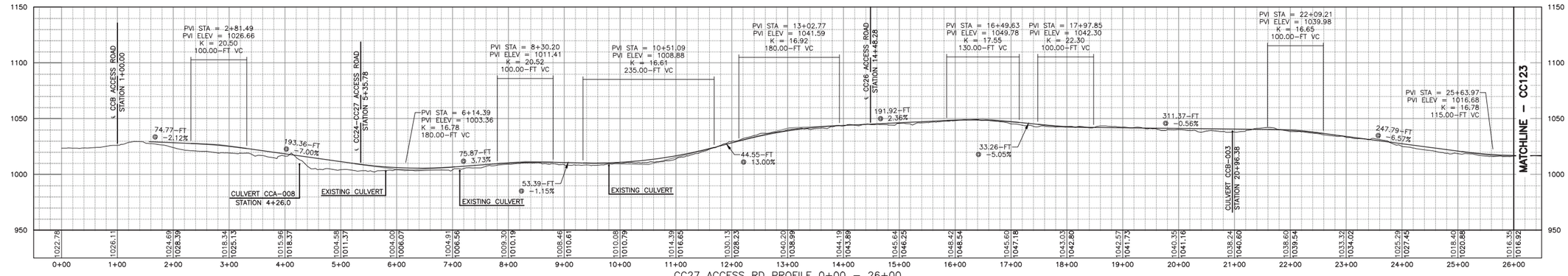
TITLE OF DRAWING
WTG CC24 AND WTG CC25 ACCESS ROAD PLAN SHEET 2

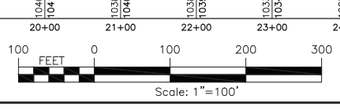
DRAWING NO.
CC121

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC119-CC123 Sheets.dwg
DATE/TIME: 7/8/2015 9:25:07 AM
USER: Steven Mellott









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REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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WWW.FISHERASSOC.COM
135 Catlin Road, Bangor, ME 04401
Phone: 207.554.1135

NUMBER NINE WIND FARM*

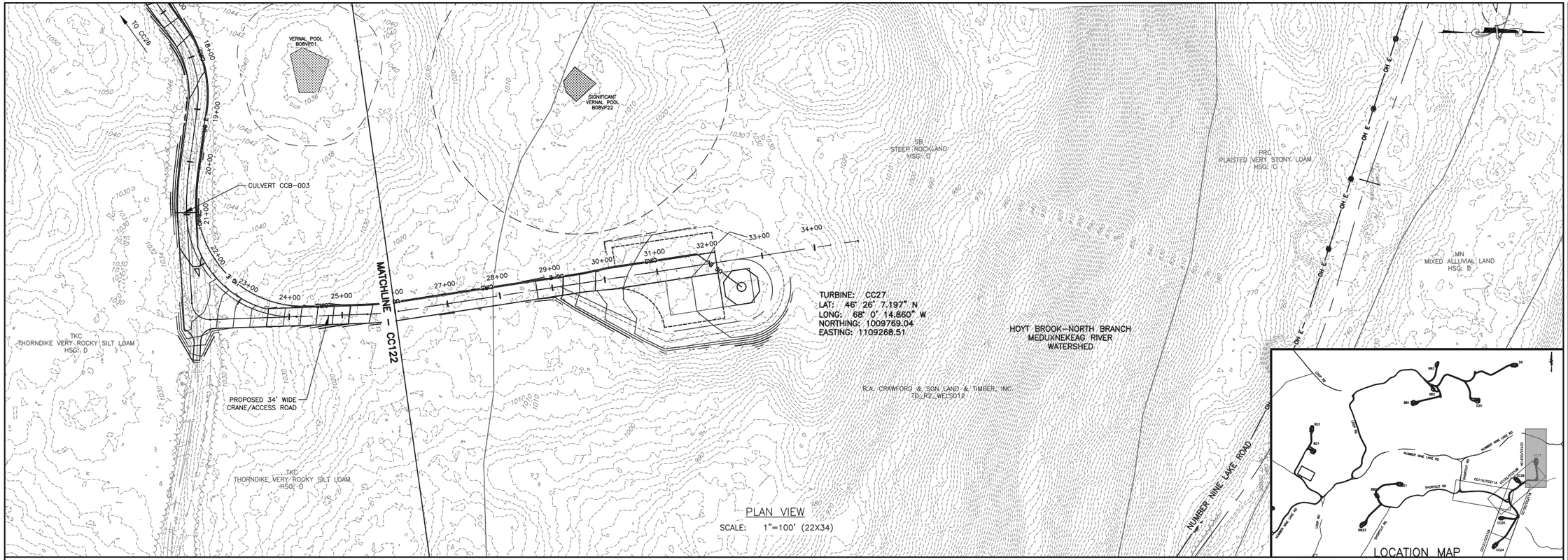
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC26 AND WTG CC27 ACCESS ROAD PLAN SHEET 1

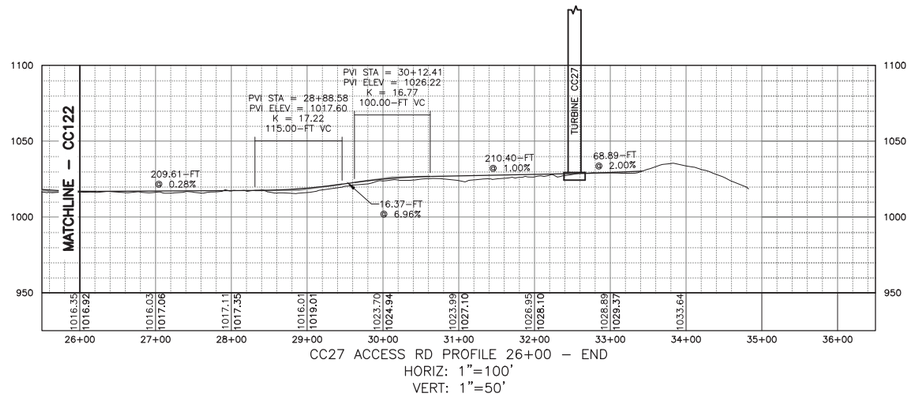
DRAWING NO.
CC122

SHEET 110 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC119-CC123 Sheets.dwg
DATE/TIME: 7/8/2015 9:25:56 AM
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)



CC27 ACCESS RD PROFILE 26+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
1			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
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ISSUE DATE
JULY 2015

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135 Catron Street, Suite 1 Rochester, NY 14620
Phone: 585.334.1310

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC26 AND WTG CC27 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
CC123

SHEET 111 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC119-CC123 Sheets.dwg
DATE/TIME: 7/8/2015 9:26:34 AM
USER: Steven Mellott

SEE CC201B FOR CC10 ACCESS RD EROSION & SEDIMENT CONTROLS

TO CC10

R.A. CRAWFORD & SON LAND & TIMBER, INC E_TWP013

HOB HOWLAND GRAVELLY LOAM HSG: D

MOB MONARDA AND BURNHAM SILT LOAMS HSG: D

BURNTLAND BROOK WATERSHED

WETLAND: ETWP_W125 TYPE: PFO

WETLAND: ETWP_W127 TYPE: PFO

EXISTING ROAD TO BE USED AND MAINTAINED

WETLAND: ETWP_W123 TYPE: PEM

WETLAND: ETWP_W122 TYPE: PEM/PFO

VERNAL POOL 599K

VERNAL POOL 609K

CULVERT CC8-001

JUNCTION BOX

RS CC8-01

RS CC8-02

WETLAND: ETWP_W129 TYPE: PFO

THC THORNDIKE SHALY SILT LOAM HSG: C/D

THREE BROOKS WATERSHED

R.A. CRAWFORD & SON LAND & TIMBER, INC. E_TWP013

WETLAND: ETWP_W130 TYPE: PEM

RS CC8-04

DT CC8-04

WETLAND: ETWP_W132 TYPE: PEM

TO UNKNOWN RD

WETLAND: ETWP_W124 TYPE: PFO

WETLAND: ETWP_W126 TYPE: PFO

WETLAND: ETWP_W128 TYPE: PEM

PROPOSED 34' WIDE CRANE/ACCESS ROAD

DT CC8-03

DT CC8-01

WETLAND: ETWP_W121 TYPE: PFO

VERNAL POOL 639K

HOB HOWLAND GRAVELLY LOAM HSG: D

MOB MONARDA AND BURNHAM SILT LOAMS HSG: D

DT CC8-02

RS CC8-03

TURBINE: CC8
LAT: 46° 28' 43.756" N
LONG: 67° 59' 7.730" W
NORTHING: 1025657.7
EASTING: 1113866.51

TP 8

PLAN VIEW CC201A

SCALE: 1"=100' (22X34)

LOCATION MAP

R.A. CRAWFORD & SON LAND & TIMBER, INC. E_TWP013

HOB HOWLAND GRAVELLY LOAM HSG: D

WETLAND: ETWP_W125 TYPE: PFO

TO UNKNOWN RD

RS CC8-03

JUNCTION BOX

WETLAND: ETWP_W127 TYPE: PFO

WETLAND: ETWP_W123 TYPE: PEM

TO CC8

WETLAND: ETWP_W130 TYPE: PEM

WETLAND: ETWP_W129 TYPE: PFO

SEE CC201A FOR WTG CC8 ACCESS ROAD EROSION & SEDIMENT CONTROLS

DT CC10-01

DT CC10-02

THC THORNDIKE SHALY SILT LOAM HSG: C/D

HOB HOWLAND GRAVELLY LOAM HSG: D

WETLAND: ETWP_W131 TYPE: PEM

DT CC10-03

PLAN VIEW CC201B

SCALE: 1"=100' (22X34)

PVB PLAISTED AND HOWLAND VERY STONY LOAMS HSG: C

BURNTLAND BROOK WATERSHED

CULVERT WR-001

EXISTING ROAD TO BE USED AND MAINTAINED

PROPOSED 34' WIDE CRANE/ACCESS ROAD

DT CC10-04

DT CC10-05

RS CC9-01

TP 347

TB 349

TB 426

TB 425

TP 427

TP 428

RS CC9-02

RS CC10-01

TURBINE: CC9
LAT: 46° 28' 57.402" N
LONG: 67° 59' 15.685" W
NORTHING: 1027036.35
EASTING: 1113300.94

THC THORNDIKE SHALY SILT LOAM HSG: C/D

TURBINE: CC10
LAT: 46° 29' 9.393" N
LONG: 67° 59' 17.447" W
NORTHING: 1028250.22
EASTING: 1113169.77

THREE BROOKS WATERSHED

WARREN ROAD

PVB PLAISTED AND HOWLAND VERY STONY LOAMS HSG: C

100 FEET 0 100 200 300

Scale: 1"=100'

LOCATION MAP

REV	DESCRIPTION	DATE	BY
1			
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New York State Education Law Section 7209 states that it is a violation of this law for any person, unless acting under the direction of a licensed professional engineer, surveyor, to alter in any way, any item bearing the seal of an engineer, land surveyor or landscape architect. The term "alter" shall also mean the addition of any note or other statement to the item and the signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO. 140009
PROJECT MANAGER S. MELLOTT
DRAWN BY: DP/BA
SCALE AS SHOWN
ISSUE DATE JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOCIATES.COM
105 Camelot Drive, Fairfield, ME 04937
Phone: 207.453.9401

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC8, WTG CC9, AND WTG CC10 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC201

SHEET 112 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC201-CC202 Sheets.dwg
DATE/TIME: 7/8/2015 9:27:56 AM
USER: Steven Mellott

HOB
HOWLAND GRAVELLY LOAM
HSG: D

R.A. CRAWFORD & SON LAND & TIMBER, INC.
E_TWP013

BURNTLAND BROOK WATERSHED

SEE E201A FOR
BURNTLAND RD EROSION
& SEDIMENT CONTROLS

WETLAND: ETWP_W154
TYPE: PEM

MATCHLINE – EE201A

WETLAND: ETWP_W153
TYPE: PSS

RS BR-01

PGB
PLAISTED GRAVELLY LOAM
HSG: C

CULVERT BR-001

WETLAND: ETWP_W152
TYPE: PEM

WETLAND: ETWP_W151
TYPE: PEM

RS CC13-01

WETLAND: E TWP_W155
TYPE: PEM

TO EE7

VERNAL POOL
20KR

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

CULVERT
CC13-001

CULVERT
CC13-002

16' WIDE TURNING
IMPROVEMENT

EXISTING ROAD TO BE
USED AND MAINTAINED

TO WARREN ROAD

PGB
PLAISTED GRAVELLY LOAM
HSG: C

HOB
HOWLAND GRAVELLY LOAM
HSG: D

WETLAND: ETWP_W150
TYPE: PEM

MATCHLINE – CC202B

WETLAND: ETWP_W149
TYPE: PSS

MOA
MONARDA AND
BURNHAM SILT LOAMS
HSG: D

TO CC13

PLAN VIEW CC202A
SCALE: 1"=100' (22X34)

LOCATION MAP

R.A. CRAWFORD & SON LAND & TIMBER, INC.
E_TWP013

BURNTLAND BROOK WATERSHED

RS CC13-02

DT CC13-01

PROPOSED 34' WIDE
CRANE/ACCESS ROAD

EXPAND EXISTING
ROAD TO 34' WIDE
CRANE/ACCESS ROAD

RS CC13-01

WETLAND: ETWP_W150
TYPE: PEM

MATCHLINE – CC202A

TO EE7

CULVERT CC13-003

WETLAND: ETWP_W148
TYPE: PEM/PFO

TP 581

RS CC13-03

PGB
PLAISTED GRAVELLY LOAM
HSG: C

HOB
HOWLAND
GRAVELLY LOAM
HSG: D

MOA
MONARDA AND BURNHAM SILT LOAMS
HSG: D

WETLAND: ETWP_W1
TYPE: PSS

TURBINE: CC13
LAT: 46° 29' 46.202" N
LONG: 67° 59' 12.996" W
NORTHING: 1031980.85
EASTING: 1113456.94

PLAN VIEW CC202B
SCALE: 1"=100' (22X34)

HOB
HOWLAND GRAVELLY LOAM
HSG: D

PGB
PLAISTED GRAVELLY LOAM
HSG: C

THREE BROOKS WATERSHED

PRENTISS & CARLISLE
E_TWP015

LOCATION MAP

100 FEET 0 100 200 300
Scale: 1" = 100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
130 Center Street, Ellsworth, ME 04605
Phone: 288-334-1170 FAX: 74623

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC13 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC202

SHEET 113 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC201-CC202 Sheets.dwg
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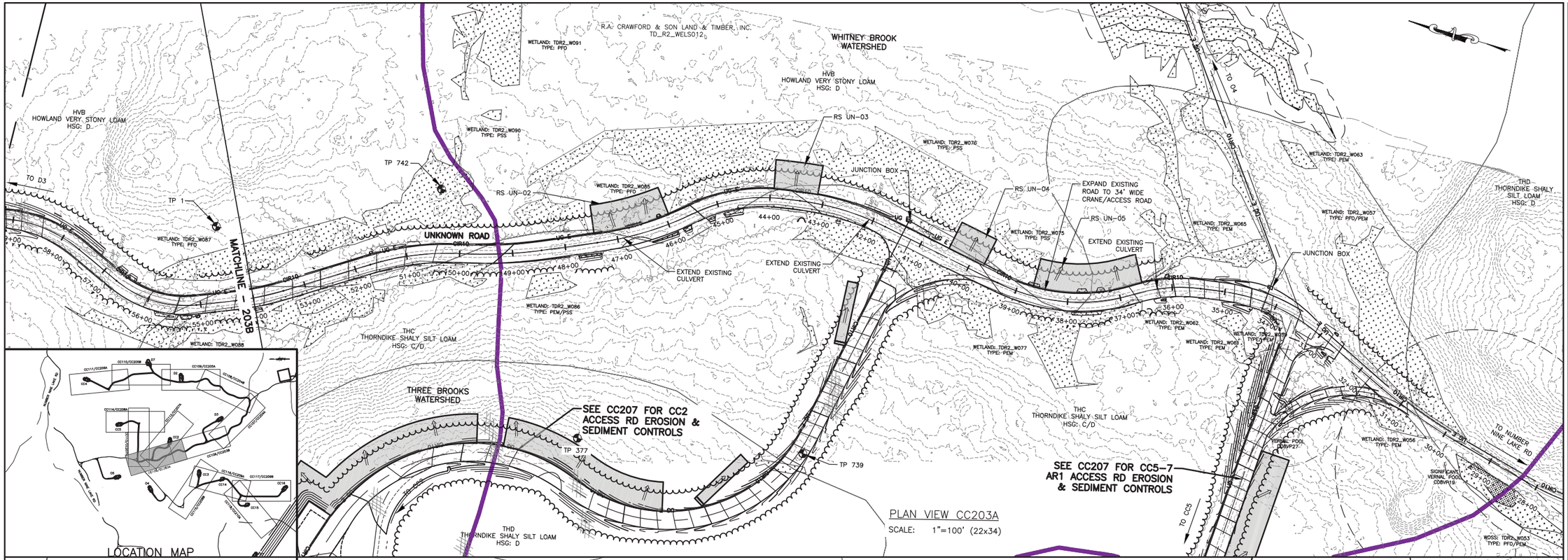

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
105 Camelot Drive, Fairport, NY 14450
Phone: (585) 223-1170

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
UNKNOWN ROAD EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC203

SHEET 114 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC203-CC206 Sheets.dwg
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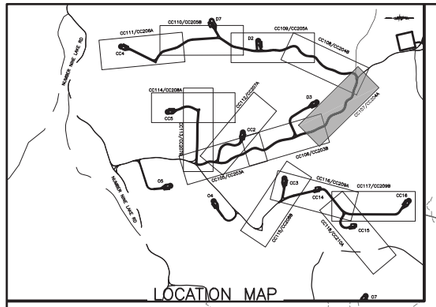


LOCATION MAP

R.A. CRAWFORD & SON LAND & TIMBER, INC.
E_TWP013

MOB
MONARDA AND BURNHAM SILT LOAMS
HSG: D

HOB
HOWLAND GRAVELLY LOAM
HSG: D

HGC
HOWLAND GRAVELLY LOAM
HSG: D

THD
THORNDIKE SHALY SILT LOAM
HSG: D

WETLAND: ETWP_W086
TYPE: PFO/PSS

EXTEND EXISTING CULVERT

RS UN-01

DT UN-05

REPLACE EXISTING CULVERT DA-X547

DT UN-06

EXTEND EXISTING CULVERT

EXTEND EXISTING CULVERT

EXPAND EXISTING ROAD TO BE 34' WIDE CRANE/ACCESS ROAD

REMOVE CULVERT EXTENSIONS, REDUCE TO 16' WIDE ACCESS ROAD, AND RESTORE AREAS WITHIN 25' OF DELINEATED STREAM BANKS AFTER CRANE WALKS ARE COMPLETE.

VERNAL POOL 29KR

MATCHLINE - 203B

WETLAND: ETWP_W084
TYPE: PFO/PEM

WOSS: ETWP_W085
TYPE: PFO

WETLAND: ETWP_W088
TYPE: PFO

WETLAND: ETWP_W088
TYPE: PSS/PFO/PEM

TO D6

TO D3

BURNTLAND BROOK WATERSHED

VERNAL POOL 810VP09

THREE BROOKS

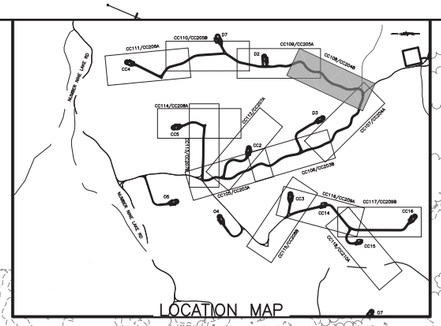
SEE CC204 FOR CC4 ACCESS RD EROSION & SEDIMENT CONTROLS

TO D2

THREE BROOKS WATERSHED

PLAN VIEW CC204A

SCALE: 1"=100' (22x34)



LOCATION MAP

R.A. CRAWFORD & SON LAND & TIMBER, INC.
E_TWP013

MOB
MONARDA AND BURNHAM SILT LOAMS
HSG: D

BURNTLAND BROOK WATERSHED

HOB
HOWLAND GRAVELLY LOAM
HSG: D

REMOVE CULVERT EXTENSIONS, REDUCE TO 16' WIDE ACCESS ROAD, AND RESTORE AREAS WITHIN 25' OF DELINEATED STREAM BANKS AFTER CRANE WALKS ARE COMPLETE.

EXPAND EXISTING ROAD TO BE 34' WIDE CRANE/ACCESS ROAD CC4

MATCHLINE - CC205A

WETLAND: ETWP_W...
TYPE: PSS

WOSS: ETWP_W005
TYPE: PFO/PEM

EXTEND EXISTING CULVERT

RS CC4-04

RS CC4-03

WETLAND: ETWP_W006
TYPE: PEM

WETLAND: ETWP_W008
TYPE: PEM

WETLAND: ETWP_W010
TYPE: PFO

RS CC4-01A

WOSS: ETWP_W288
TYPE: PFO

RS CC4-01B

WETLAND: ETWP_W012
TYPE: PFO

DT CC4-02

WOSS: ETWP_W004
TYPE: PFO

EXTEND EXISTING CULVERT

WETLAND: ETWP_W287
TYPE: PEM/PSS

WOSS: ETWP_W007
TYPE: PFO

VERNAL POOL 135OF

WETLAND: ETWP_W003
TYPE: PEM/PFO/PSS

WETLAND: ETWP_W009
TYPE: PFO

DT CC4-01

HOB
HOWLAND GRAVELLY LOAM
HSG: D

VERNAL POOL 30KR

VERNAL POOL 31KR

THREE BROOKS WATERSHED

SEE CC204A FOR UNKNOWN ROAD EROSION & SEDIMENT CONTROLS

WETLAND: ETWP_W090
TYPE: PFO

VERNAL POOL 810VP09

WETLAND: ETWP_W091
TYPE: PFO

WETLAND: ETWP_W089
TYPE: PSS/PFO/PEM

DT UN-06

WETLAND: ETWP_W086
TYPE: PFO/PSS

WETLAND: ETWP_W...
TYPE: PFO

TO D2

TO D3

HVB
HOWLAND VERY STONY LOAM
HSG: D

MOB
MONARDA AND BURNHAM SILT LOAMS
HSG: D

PLAN VIEW CC204B

SCALE: 1"=100' (22x34)

100 FEET 0 100 200 300

Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
100 Cabot Road, Suite 115, Rochester, NY 14623
Phone: (585) 334-1310

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
UNKNOWN ROAD AND WTG CC4 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC204

SHEET 115 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC203-CC206 Sheets.dwg
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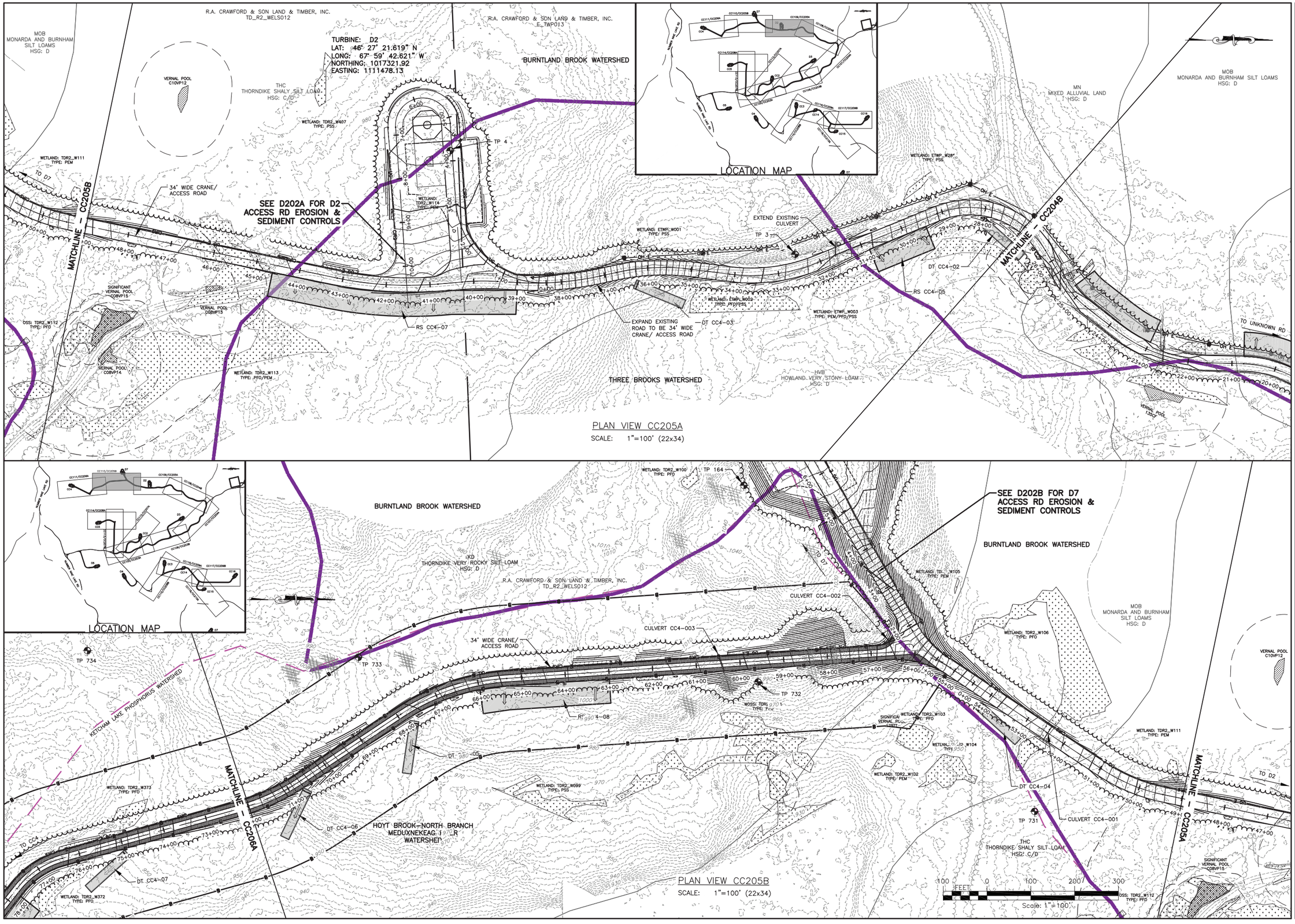

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street, Suite 3, Ellsworth, ME 04605
Phone: 800.339.1375

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC4 EROSION AND SEDIMENT CONTROL PLAN 1

DRAWING NO.
CC205

SHEET 116 OF 338

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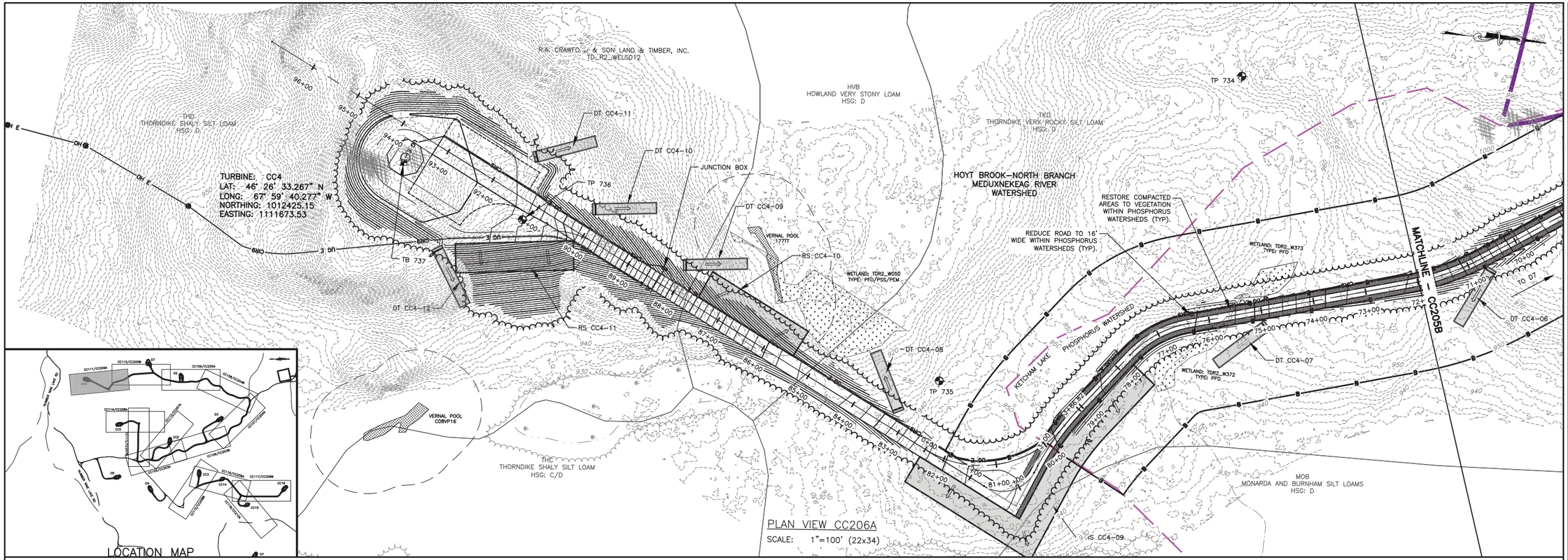

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If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the alterer shall affix to the item his/her seal and his/her signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585.334.1310

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC4 EROSION AND SEDIMENT CONTROL PLAN 2

DRAWING NO.
CC206

SHEET 117 OF 338

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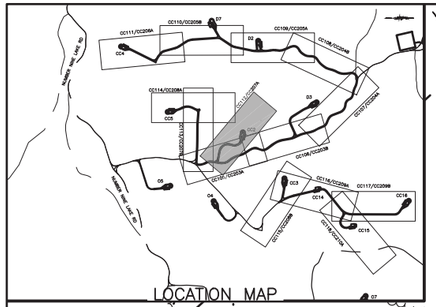
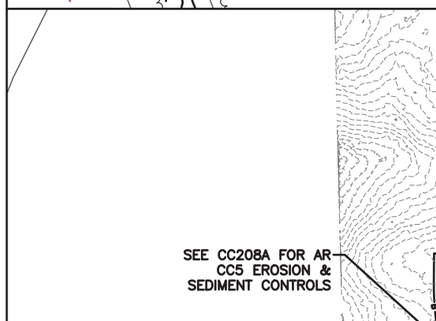


TURBINE: CC2
LAT: 46° 27' 15.433" N
LONG: 67° 58' 56.621" W
NORTHING: 1016716.17
EASTING: 1114702.5

RS CC2-01B
DT CC2-04
DT CC2-01
DT CC2-02
DT CC2-03
DT CC2-05
RS CC2-01A
TP 377
TP 738
TP 378
TP 739
TP 2
TB 379
TP 740
VERNAL POOL COBVP20
WETLAND: TDR2_W085 TYPE: PFO
WETLAND: TDR2_W086 TYPE: PEM/PSS
WETLAND: TDR2_W076 TYPE: PSS
WETLAND: TDR2_W078 TYPE: PSS
WETLAND: TDR2_W075 TYPE: PSS
WETLAND: TD_W077 TYPE:
WETLAND: TDR2_W079 TYPE: PEM
JUNCTION BOX
PROPOSED 34' WIDE CRANE/ACCESS ROAD
SEE CC203A FOR CCA ACCESS RD EROSION & SEDIMENT CONTROLS
HVB HOWLAND VERY STONY LOAM HSG: D
THD THORNDIKE SHALY SILT LOAM HSG: D
MSB MONARDA AND BURNHAM SICK LOAMS HSG:
THREE BROOKS WATERSHED
HOYT BROOK–NORTH BRANCH MEDUXNEKEAG RIVER WATERSHED
WHITNEY BROOK WATERSHED
TO 03
TO CC2

PLAN VIEW CC207A
SCALE: 1"=100' (22X34)



SEE CC208A FOR AR CC5 EROSION & SEDIMENT CONTROLS
SEE CC203A FOR CCA ACCESS RD EROSION & SEDIMENT CONTROLS
SELECTIVE CLEARING BUFFER (TYP)
EXPAND EXISTING ROAD TO BE 34' WIDE CRANE/ACCESS ROAD
KETCHAM LAKE PHOSPHORUS WATERSHED
RS CCC-01
CULVERT CCC-001
CULVERT CCC-002
JUNCTION BOX
TP 747
WETLAND: TDR2_W080 TYPE: PEM
WETLAND: TDR2_W081 TYPE: PFO
WETLAND: TDR2_W364 TYPE: PEM/PSS
WETLAND: TDR2_W363 TYPE: PEM
WETLAND: TDR2_W366 TYPE: PSS
WETLAND: TDR2_W365 TYPE: PFO
WETLAND: TDR2_W367 TYPE: PFO
WETLAND: TDR2_W368 TYPE: PFO
WETLAND: TDR2_W063 TYPE: PEM
WETLAND: TDR2_W062 TYPE: PEM
WETLAND: TDR2_W056 TYPE: PEM
WETLAND: TDR2_W057 TYPE: PFO/PEM
WOSS: TDR2_W053 TYPE: PFO/PEM
VERNAL POOL 118CF
VERNAL POOL 146CF
VERNAL POOL 114CF
VERNAL POOL 208CF
VERNAL POOL 208CF
THC THORNDIKE SHALY SILT LOAM HSG: C/D
HVB HOWLAND VERY STONY LOAM HSG: D
THD THORNDIKE SHALY SILT LOAM HSG: D
R.A. CRAWFORD & SON LAND & TIMBER, INC. TD_R2_WELS012
HOYT BROOK–NORTH BRANCH MEDUXNEKEAG RIVER WATERSHED
WHITNEY BROOK WATERSHED
TO CC2
TO 04
TO 05

PLAN VIEW CC207B
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
105 Catherine Street, Bangor, ME 04401
Phone: 800.339.1375

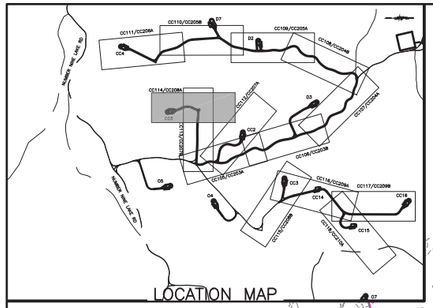
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC2 AND WTG CC5 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC207

SHEET 118 OF 338



MOB
MONARDA AND BURNHAM SILT LOAMS
HSG: D

R.A. CRAWFORD & SON LAND & TIMBER, INC.
TD_R2_WELS012

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

HOYT BROOK–NORTH BRANCH
MEDUXNEKEAG RIVER
WATERSHED

REDUCE ROAD TO 16' WIDE WITHIN PHOSPHORUS WATERHSEDS (TYP).

RESTORE COMPACTED AREAS TO VEGETATION WITHIN PHOSPHORUS WATERHSEDS (TYP).

WETLAND: TDR2_W369
TYPE: PEM

PRC
PLAISTED VERY STONY LOAM
HSG: C

DT CC5-05

RS CC5-02

DT CC5-04

DT CC5-03

WETLAND: TDR2_W367
TYPE: PFO

DT CC5-02

RS CC5-01

CULVERT CC5-001

WETLAND: TDR2_W082
TYPE: PFO

WETLAND: TDR2_W083
TYPE: PEM

TP 741

WETLAND: TDR2_W084
TYPE: PEM

HVB
HOWLAND VERY STONY LOAM
HSG: D

WETLAND: TDR2_W051
TYPE: PEM/PSS

WETLAND: TDR2_W368
TYPE: PFO

DT CC5-01

WETLAND: TDR2_W366
TYPE: PSS

WETLAND: TDR2_W052
TYPE: PSS

WETLAND: TDR2_W081
TYPE: PFO

WETLAND: TDR2_W080
TYPE: PFO

TURBINE: CC5
LAT: 46° 26' 49.302" N
LONG: 67° 59' 7.258" W
NORTHING: 1014064.34
EASTING: 1113975.06

DT CC5-06

EXPAND EXISTING ROAD TO BE 34' WIDE CRANE/ACCESS ROAD

WOSS: TDR2_W053
TYPE: PFO/PEM

TP 748

KETCHAM LAKE PHOSPHORUS WATERSHED

WETLAND: TDR2_W370
TYPE: PEM

WETLAND: TDR2_W364
TYPE: PEM

WETLAND: TDR2_W363
TYPE: PEM

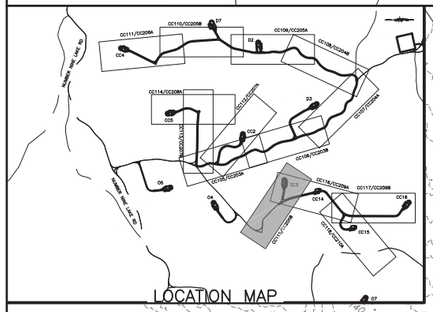
SEE CC207 FOR AR CC5
EROSION & SEDIMENT CONTROLS

PRC
PLAISTED VERY STONY LOAM
HSG: C

THC
THORNDIKE SHALY
SILT LOAM
HSG: C/D

THD
THORNDIKE SHALY SILT LOAM
HSG: D

PLAN VIEW CC208A
SCALE: 1"=100' (22X34)



MATCHLINE – CC208A

TO CC14

THB
THORNDIKE SHALY SILT LOAM
HSG: D

R.A. CRAWFORD & SON LAND & TIMBER, INC.
E_TWP013

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

TO 07

TB 380

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

RS CC16-01

WHITNEY BROOK WATERSHED

CULVERT CC3-001

PROPOSED 34' WIDE CRANE/ ACCESS ROAD

NOTE: EXISTING ROAD CONSTRUCTED AFTER AERIAL SURVEY WAS COMPLETED.

EXISTING ROAD TO BE USED AND MAINTAINED

WETLAND: ETWP_W077
TYPE: PEM

THREE BROOKS WATERSHED

TP 148

RS CC3-01

TP 149

TP 162

WETLAND: ETWP_W270
TYPE: PSS

WETLAND: TDR2_W089
TYPE: PFO

TB 381

PRC
PLAISTED VERY STONY LOAM
HSG: C

VERNAL POOL
1263F

WETLAND: TDR2_W383
TYPE: PEM

WETLAND: TDR2_W384
TYPE: PEM

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

DT CC3-02

WOSS: ETWP_W271
TYPE: PFO

THB
THORNDIKE SHALY SILT LOAM
HSG: D

DT CC3-01

WETLAND: ETWP_W014
TYPE: PFO

WOSS: TDR2_W096
TYPE: PFO

WOSS: TDR2_W095
TYPE: PFO

TB 382

WETLAND: ETWP_W015
TYPE: PEM

WETLAND: ETWP_W013
TYPE: PFO

WETLAND: ETWP_W016
TYPE: PEM

WETLAND: TDR2_W094
TYPE: PFO/PEM

HVB
HOWLAND VERY STONY LOAM
HSG: D

TURBINE: CC3
LAT: 46° 27' 29.759" N
LONG: 67° 58' 33.362" W
NORTHING: 1018178.06
EASTING: 1116321.24

RS CC3-02

PLAN VIEW CC208B
SCALE: 1"=100' (22X34)

100 0 100 200 300
FEET
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
101 Main Street, Suite 201 • Millinocket, Maine 04462
Phone: 207-723-4330 • Fax: 207-723-7707

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC3 AND WTG CC5 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC208

SHEET 119 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC207-CC210 Sheets.dwg
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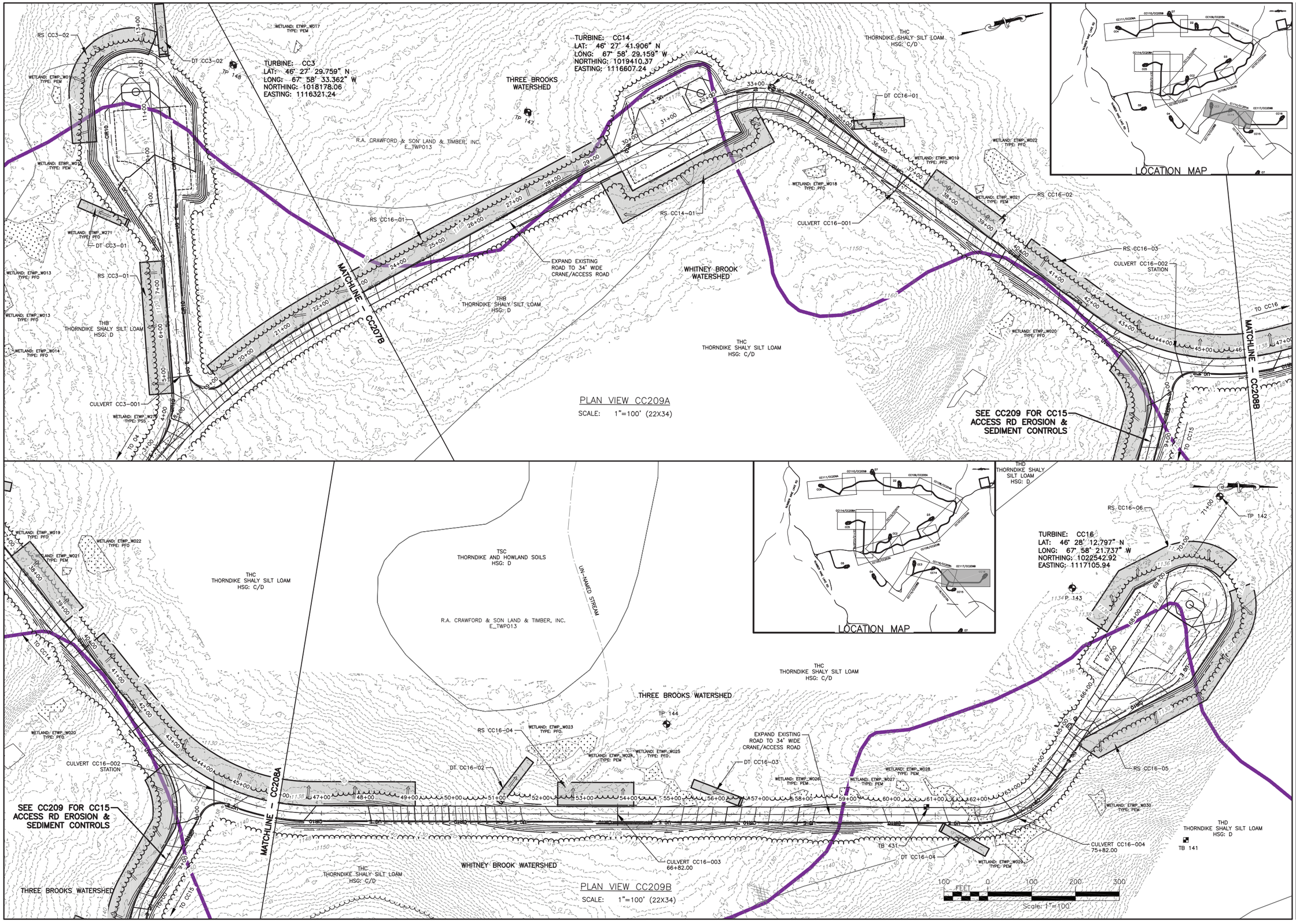

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New York State Education Law Section 7209 states that it is a violation of law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way. If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the alterer shall affix to the item his/her seal and his/her signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

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WWW.FISHERASSOC.COM
120 Exhibition Street, Suite 201 • 04623
Phone: 866-334-1570

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC14 AND WTG CC16 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC209

SHEET 120 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC207-CC210 Sheets.dwg
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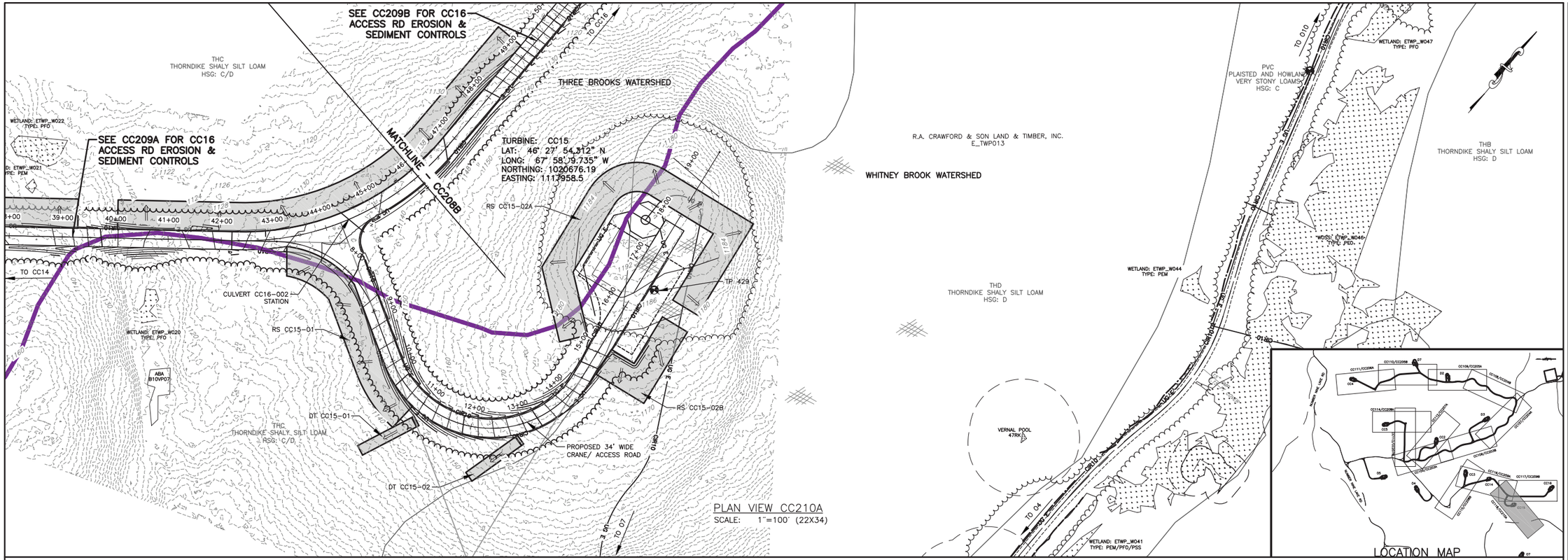

PLAN VIEW CC210A
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

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DATE/TIME: 7/8/2015 9:36:05 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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New York State Education Law Section 7209 states that it is a violation of law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way. If an item bearing the seal of an engineer, land surveyor or landscape architect appears on this item, he/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

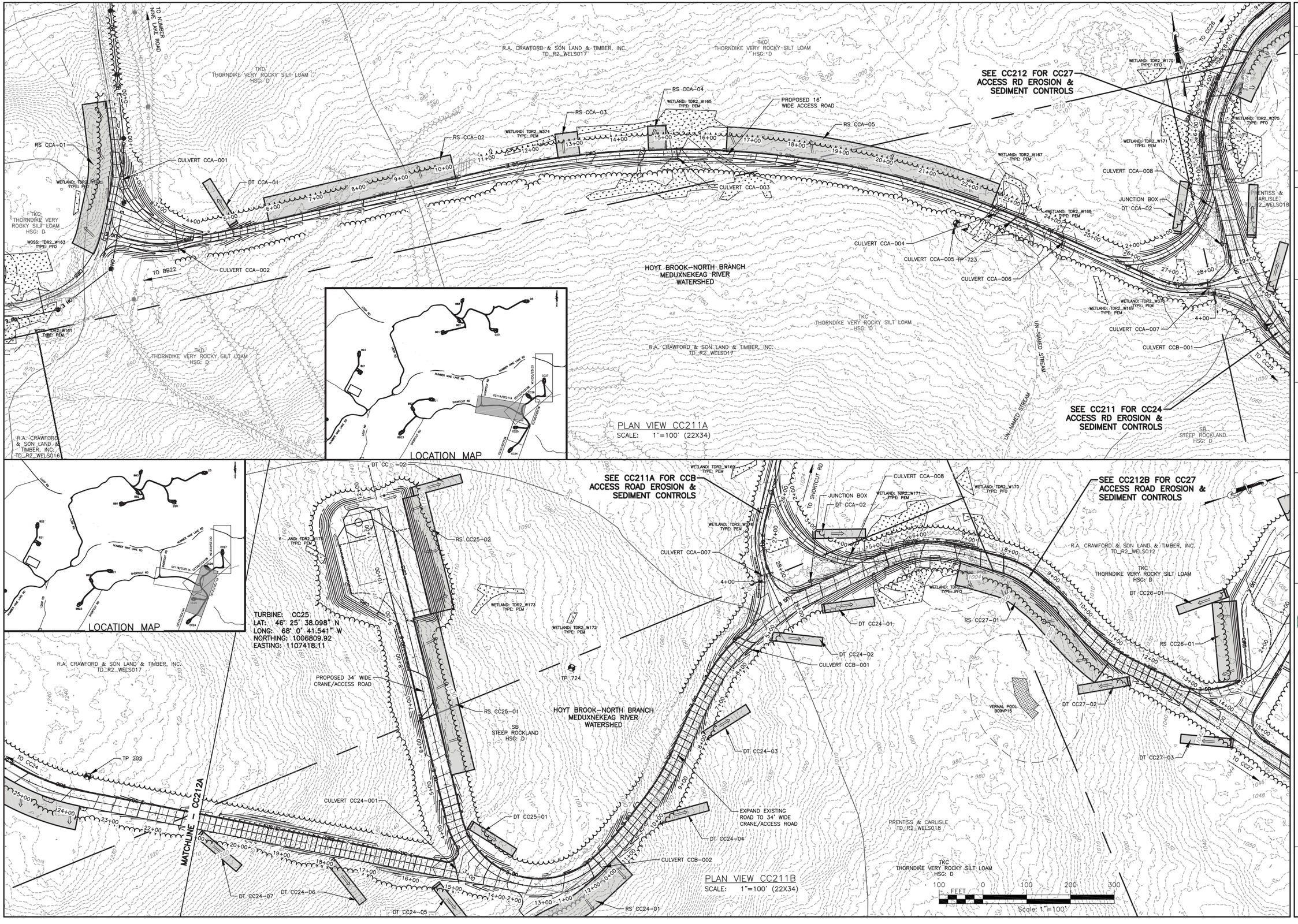
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Clifton Park, NY 12065
Phone: 518-373-1570

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC15 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC210



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New York Water Exploration Law Section 7209 states that it is a violation of law for any person, unless he is acting under the direction of a licensed surveyor, to alter a survey map, survey, or description thereof in any way.

If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the alterer shall affix to the item his/her seal and his/her signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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105 Camelot Drive 800.339.1375 NY 14623

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
AR CCA, WTG CC24 AND WTG CC25 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC211

SHEET 122 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC211-CC213 Sheets.dwg
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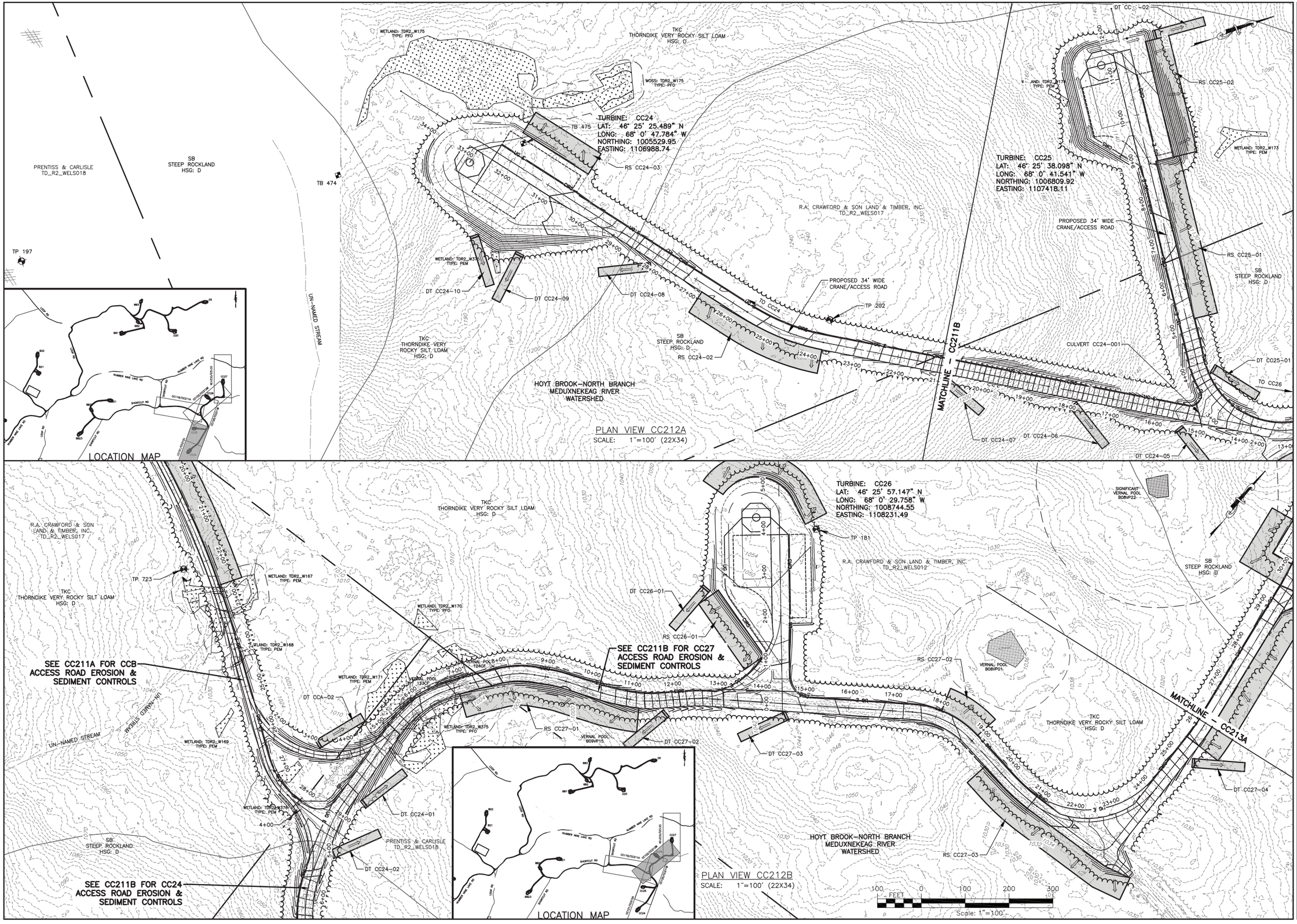

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New York State Education Law Section 7209 states that it is a violation of law for any person, unless he is acting under the direction of a licensed engineer, surveyor, or landscape architect, to alter an item in any way. If an item bearing the seal of an engineer, surveyor, or landscape architect is altered, the altering engineer, surveyor, or landscape architect shall affix to the item his/her seal and his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
100 Cabot Street, Suite 203, Holyoke, MA 01040
Phone: 800.369.4175 Fax: 877.714.6823

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC24, CC26 AND CC27 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC212

SHEET 123 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CC211-CC213 Sheets.dwg
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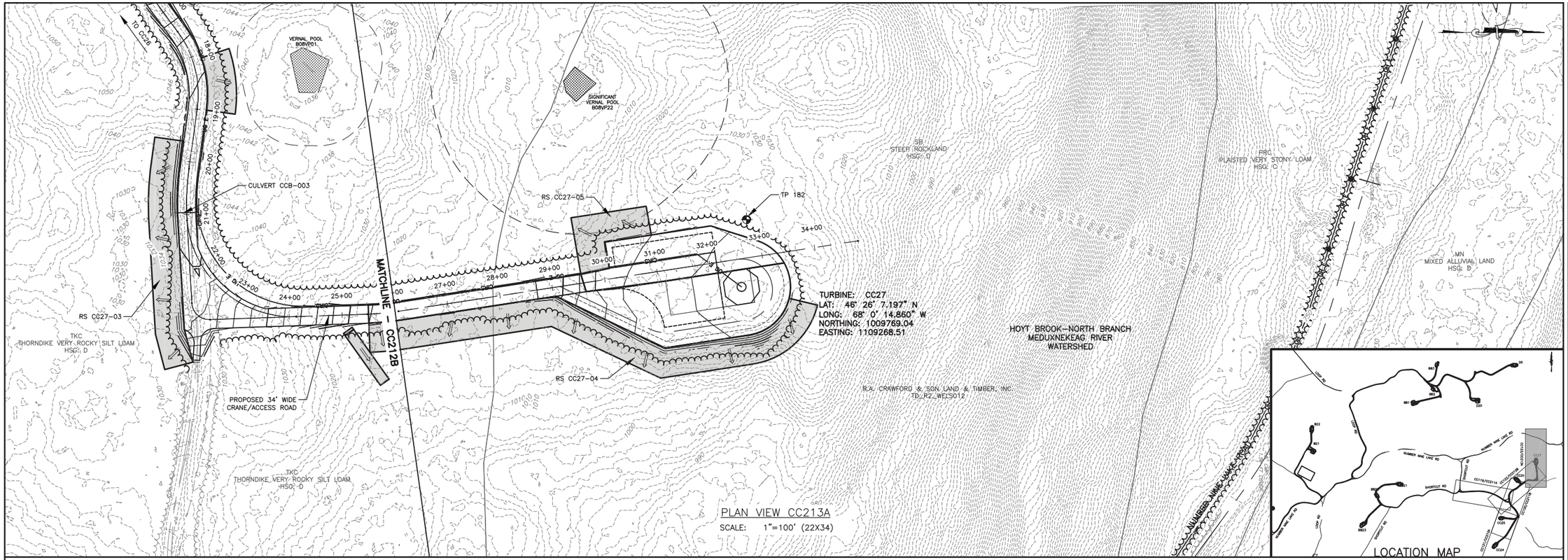

PLAN VIEW CC213A

SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300

Scale: 1"=100'

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New York Water Exception Law Section 720a states that it is a violation of law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor, to alter in any way, an item bearing the seal of an engineer, land surveyor or landscape architect, as the term "alter" is defined by law, and the original seal must be affixed to the item, his/her signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catamount Drive, Milton, NY 12547
Phone: 845-795-2157 Fax: 845-795-2133

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG CC27 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
CC213

SHEET 124 OF 338

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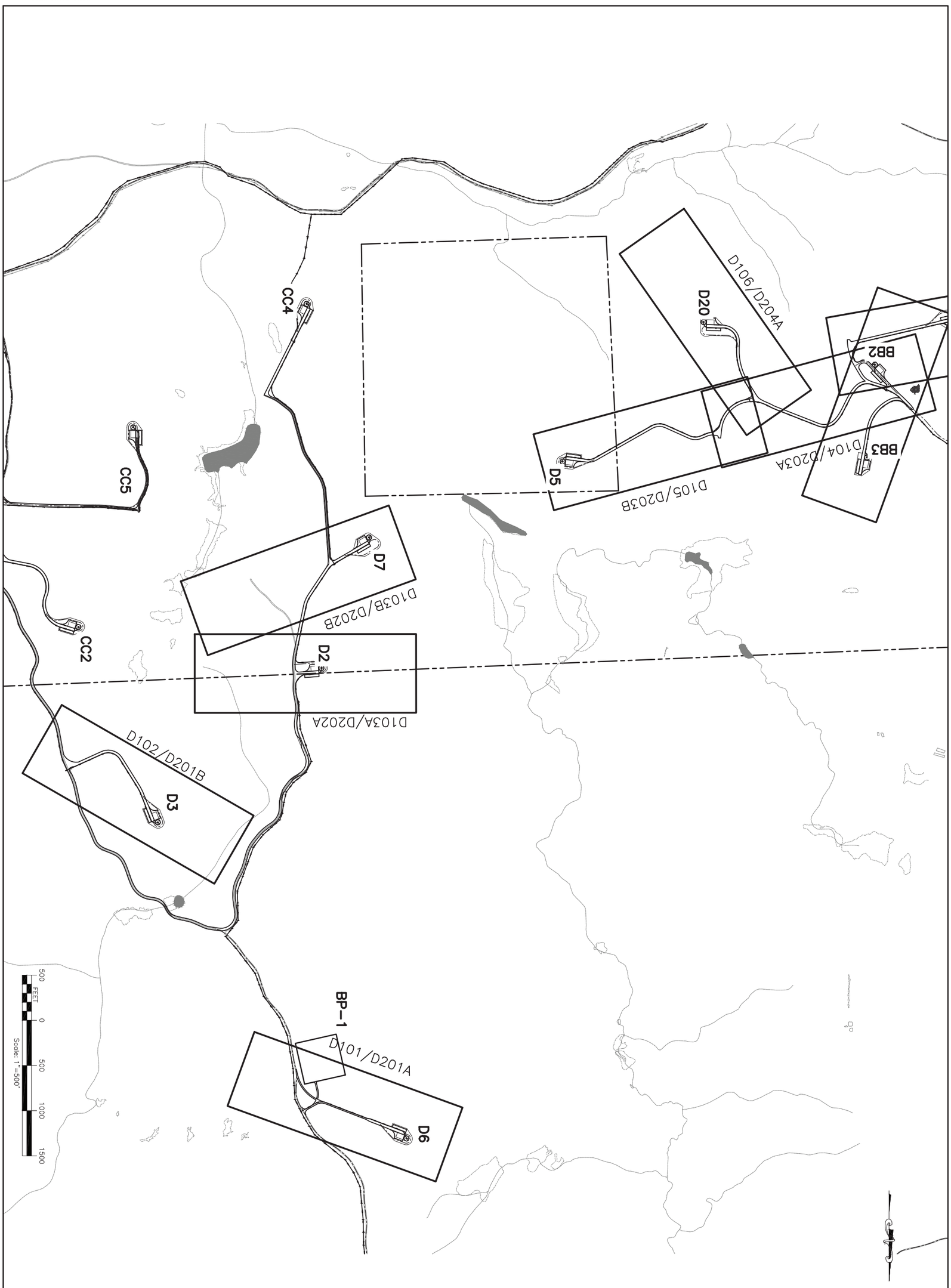

DRAWING NO.	D100
SHEET 125 OF 338	
PROJECT	NUMBER NINE WIND FARM AROOSTOOK COUNTY, MAINE PRELIMINARY PLANS NOT FOR CONSTRUCTION
TITLE OF DRAWING	D-SHEETS INDEX PLAN SHEET

NUMBER NINE WIND FARM®

FISHERASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585-334-1310

FA PROJECT NO.	140009
PROJECT MANAGER	S. MELLOTT
DRAWN BY	DP/BA
SCALE	AS SHOWN
ISSUE DATE	JULY 2015

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If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

REV	DESCRIPTION	DATE	BY
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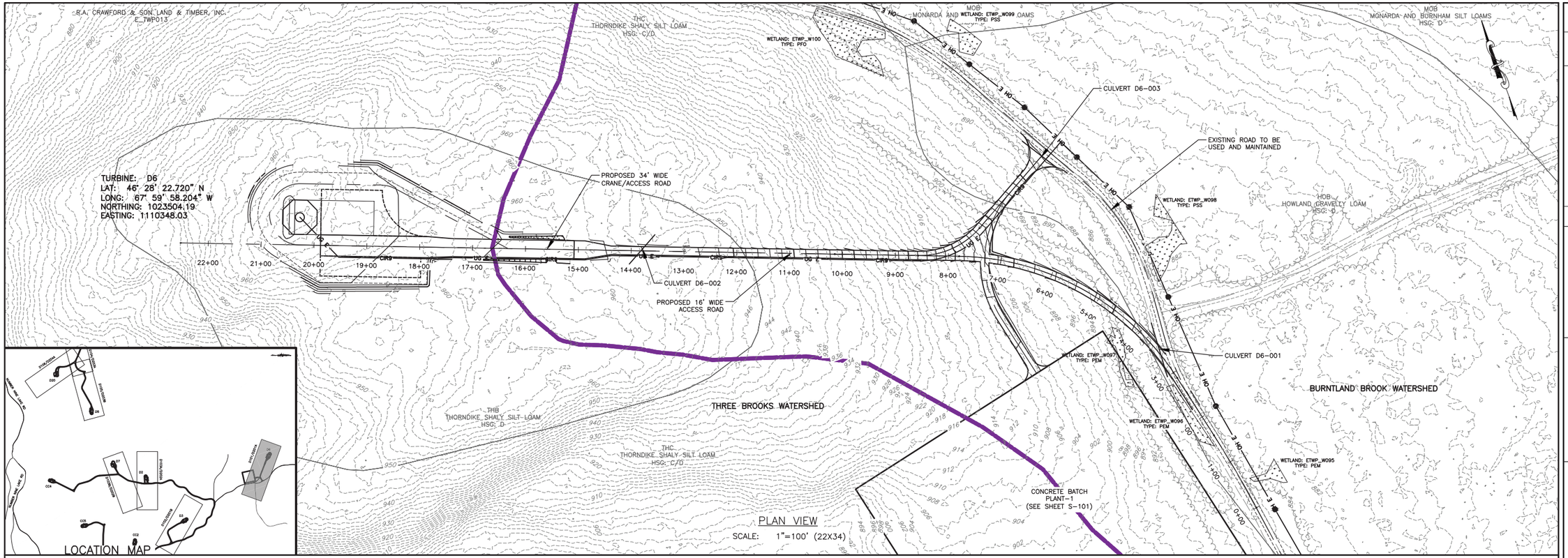

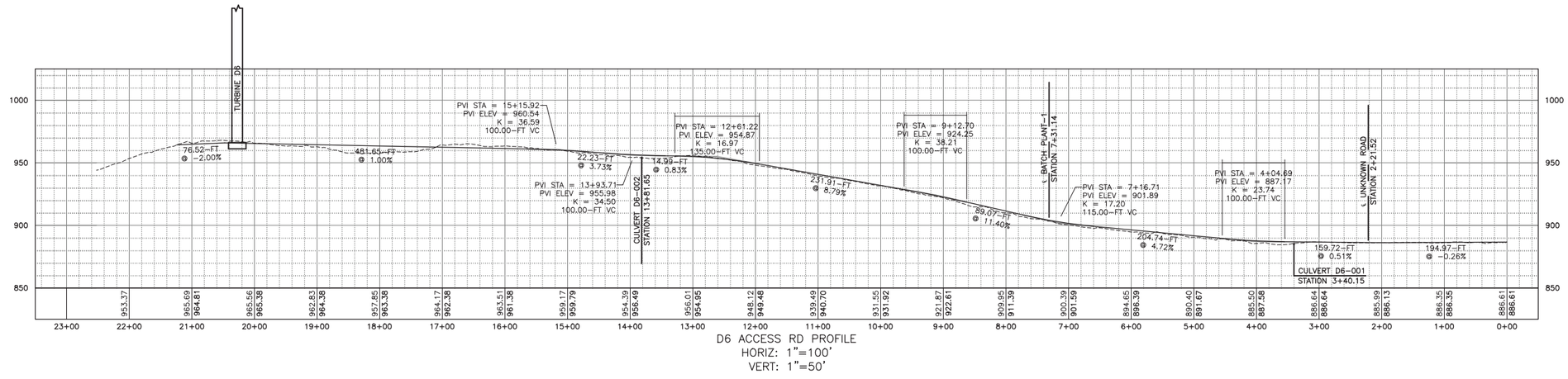

D6 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
1			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commerce Way, Suite 137, Portland, ME 04103
Phone: (207) 774-2112

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG D6 ACCESS ROAD PLAN SHEET

DRAWING NO.
D101

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 D101-D103 Sheets.dwg
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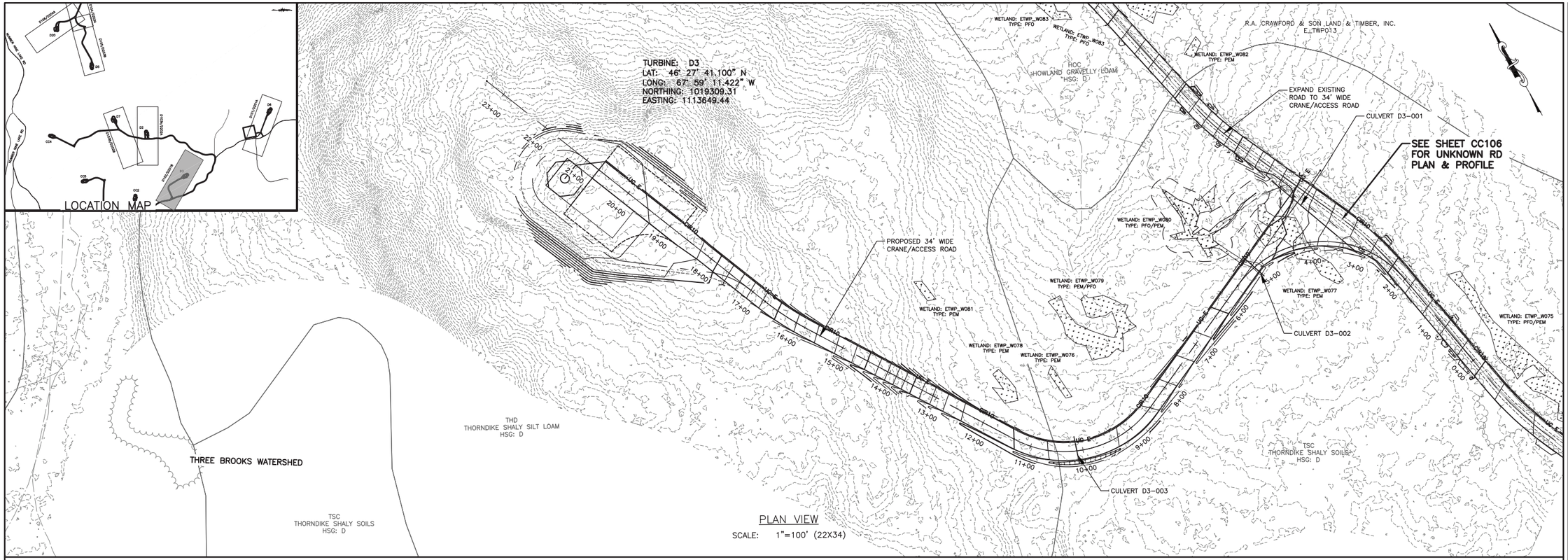
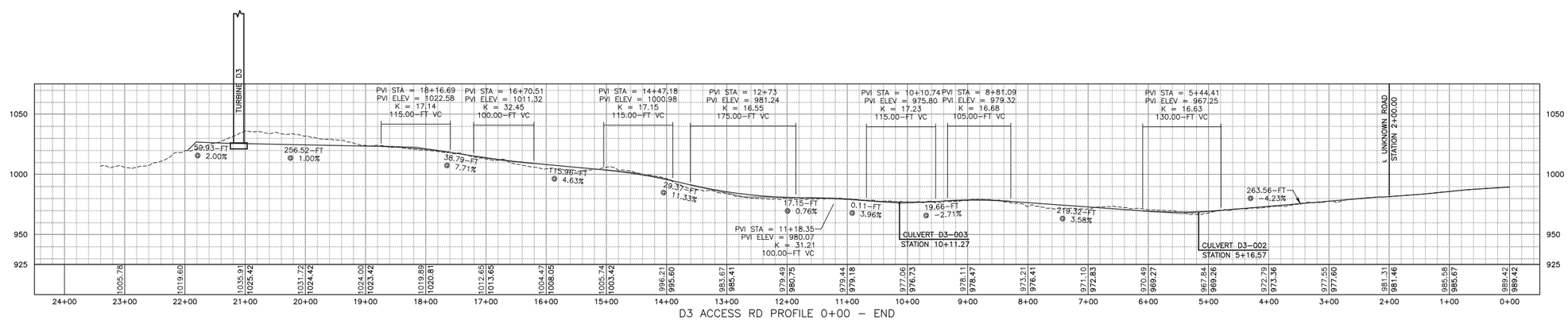
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)



D3 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street, Bangor, ME 04401
Phone: (207) 947-4133

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG D3 ACCESS ROAD PLAN SHEET

DRAWING NO.
D102

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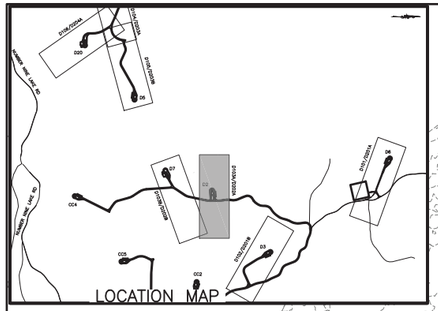


THREE BROOKS WATERSHED

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

CULVERT D2-001

R.A. CRAWFORD & SON LAND & TIMBER, INC. TD_R2_TWP013

BURNTLAND BROOK WATERSHED

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

TURBINE: D2
LAT: 46° 27' 21.002" N
LONG: 67° 59' 42.641" W
NORTHING: 1017259.40
EASTING: 1111477.10

CIR2

CIR3

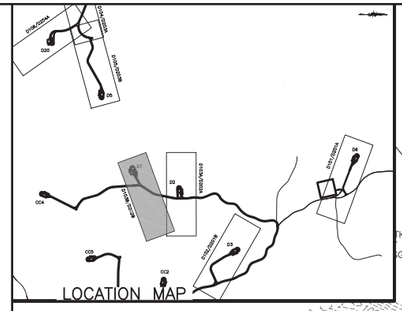
PROPOSED 34' WIDE CRANE/ACCESS ROAD

R.A. CRAWFORD & SON LAND & TIMBER, INC. TD_R2_WELS012

PROPOSED 34' WIDE CRANE/ACCESS ROAD

SEE SHEET CC109 FOR CC4 ACCESS ROAD PLAN & PROFILE

PLAN VIEW
SCALE: 1"=100' (22X34)



R.A. CRAWFORD & SON LAND & TIMBER, INC. TD_R2_WELS012

MOB
MONARDA AND BURNHAM SILT LOAMS
HSG: D

BURNTLAND BROOK WATERSHED

TKD
ROCKY SILT LOAM
G: D

PROPOSED 34' WIDE CRANE/ACCESS ROAD

WETLAND: TDR2_W111 TYPE: PEM

WETLAND: TDR2_W106 TYPE: PFO

CULVERT CC4-006

JUNCTION BOX

WETLAND: TDR2_W105 TYPE: PEM

WETLAND: TDR2_W104 TYPE: PFO

WETLAND: TDR2_W103 TYPE: PFO

SIGNIFICANT VERNAL POOL 178IT

WETLAND: TDR2_W102 TYPE: PEM

MOB
MONARDA AND BURNHAM SILT LOAMS
HSG: D

CULVERT CC4-007

TURBINE: D7
LAT: 46° 27' 3.930" N
LONG: 67° 59' 51.817" W
NORTHING: 1015526.04
EASTING: 1110845.73

PROPOSED 34' WIDE CRANE/ACCESS ROAD

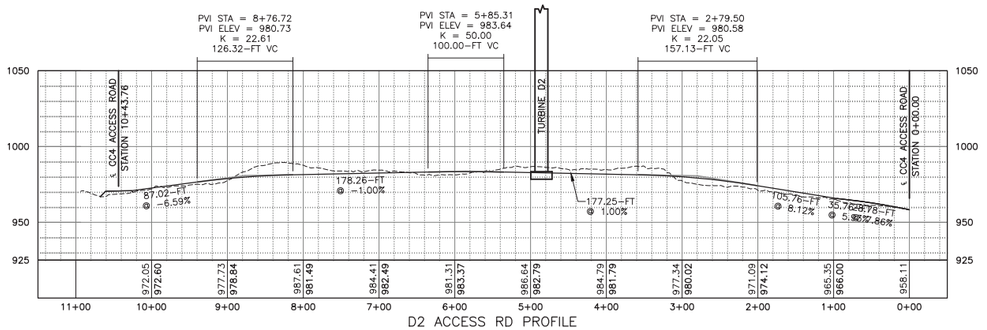
SEE SHEET CC110 FOR CC4 ACCESS ROAD PLAN & PROFILE

WETLAND: TDR2_W100 TYPE: PFO

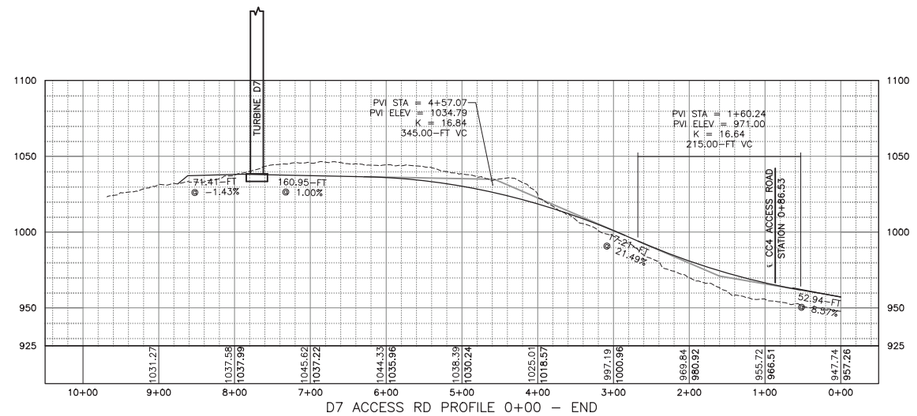
CULVERT CC4-008

WOSS: TDR2_W101 TYPE: PFO

PLAN VIE
SCALE: 1"=100'



D2 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



D7 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Common Street, Belfast, ME 04915
Phone: 207-338-1579

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG D2 AND WTG D7 ACCESS ROAD PLAN SHEET

DRAWING NO.
D103

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 D101-D103 Sheets.dwg
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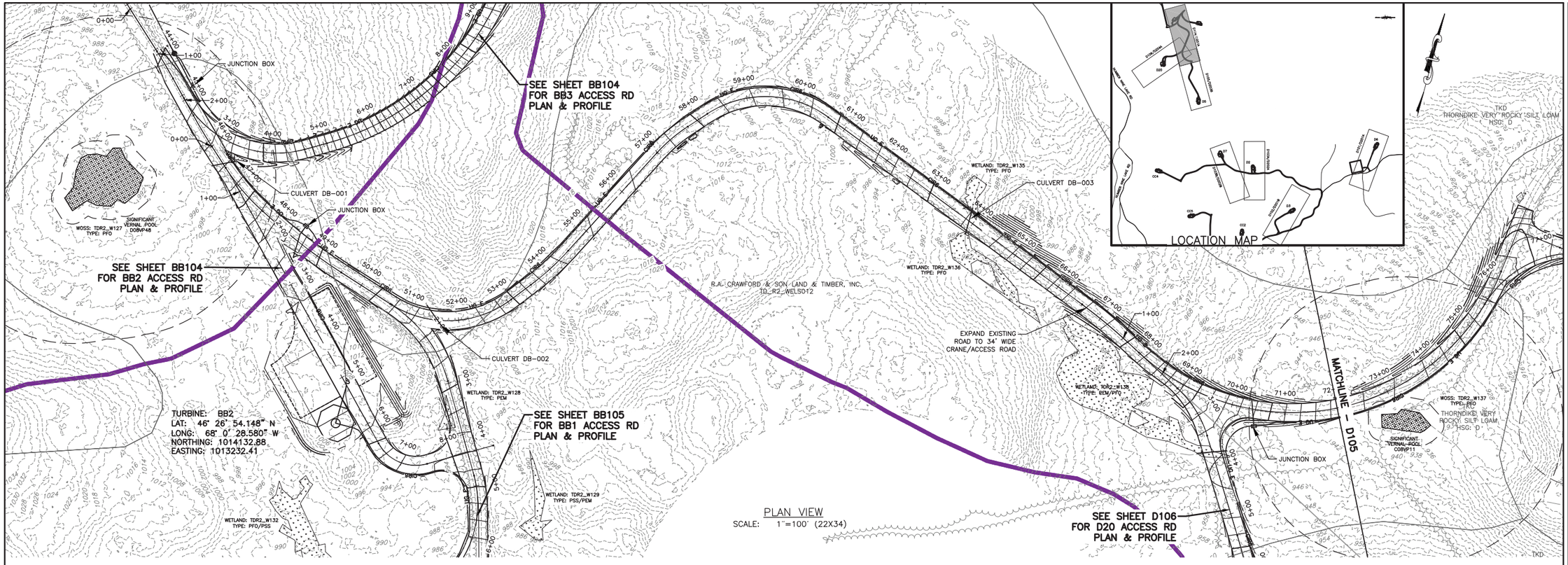

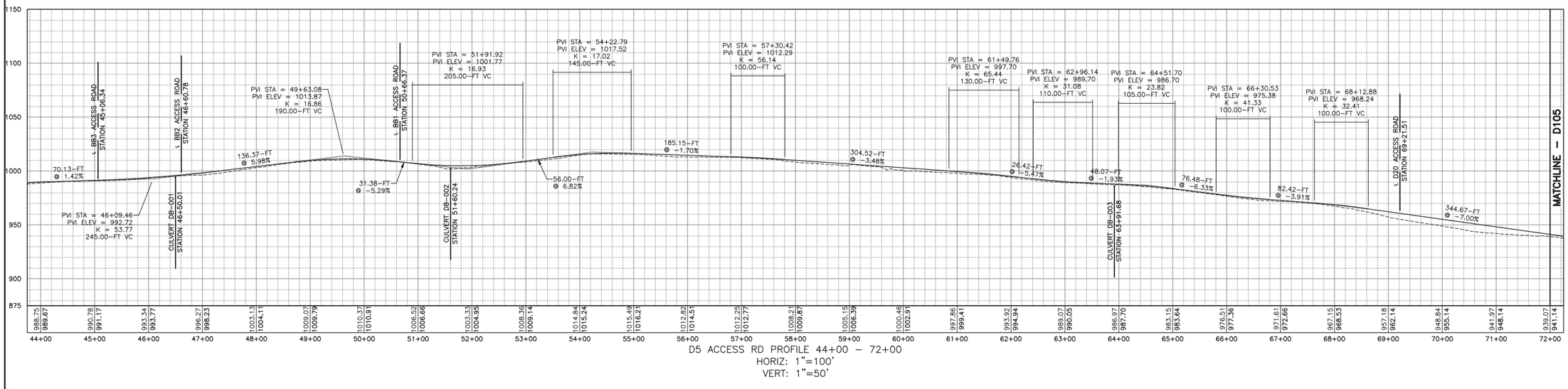

D5 ACCESS RD PROFILE 44+00 – 72+00
HORIZ: 1"=100'
VERT: 1"=50'

REV	DESCRIPTION	DATE	BY
1			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585.334.1310

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG D5 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
D104

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 D104-D106 Sheets.dwg
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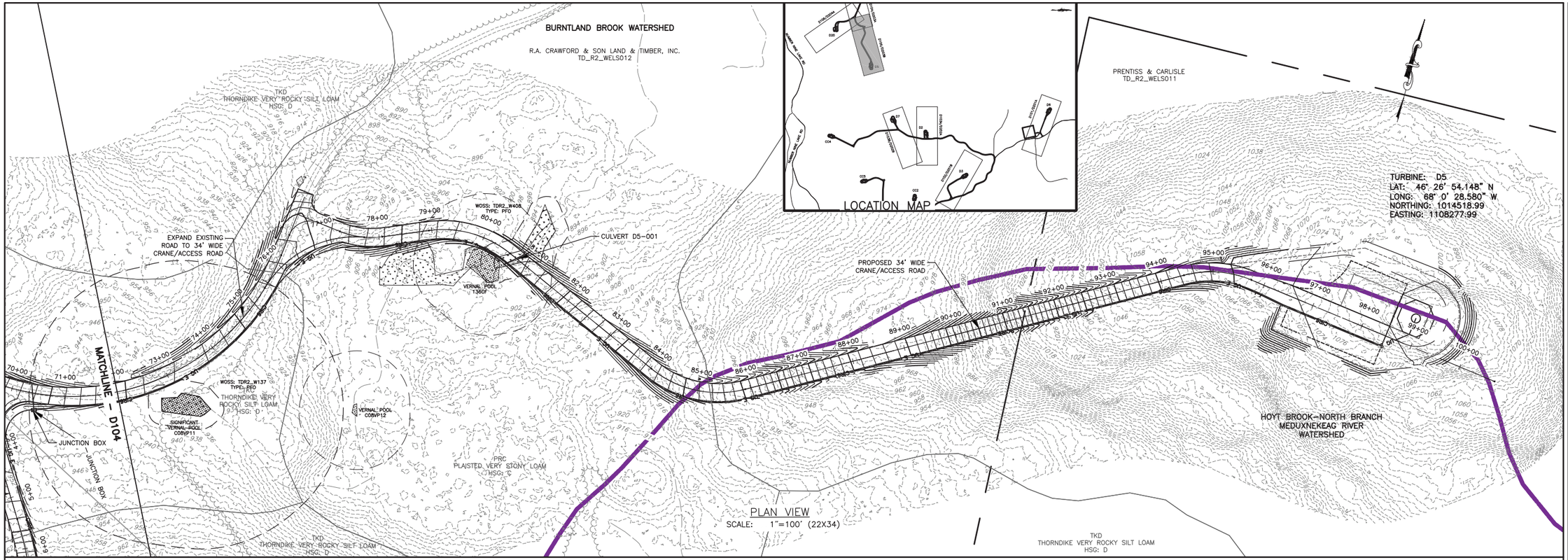

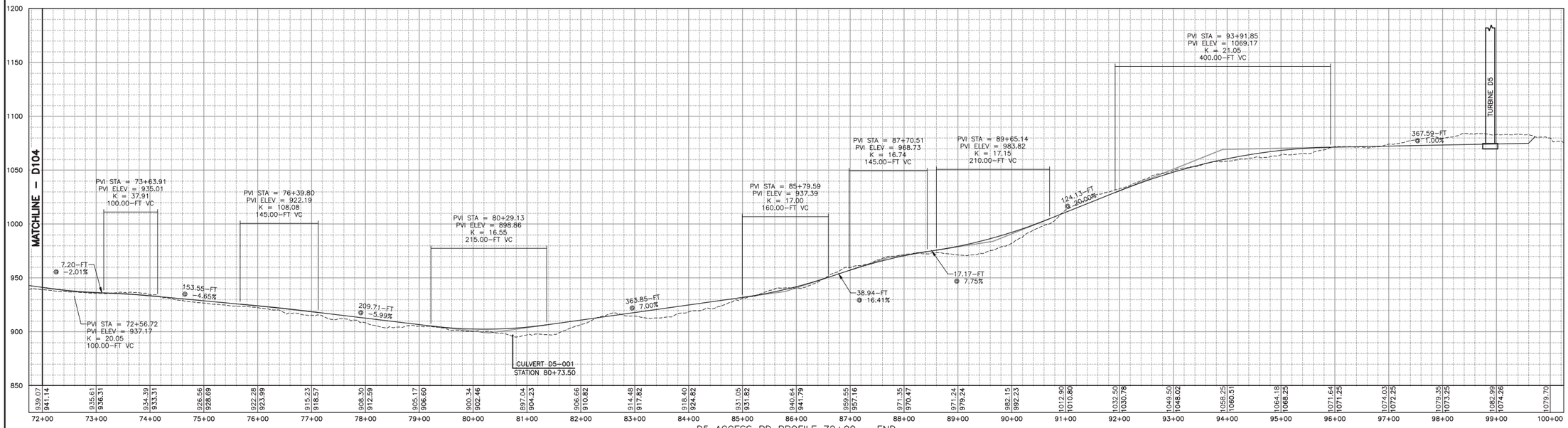

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DATE/TIME: 7/8/2015 9:47:08 AM
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Phone: (585) 334-1310

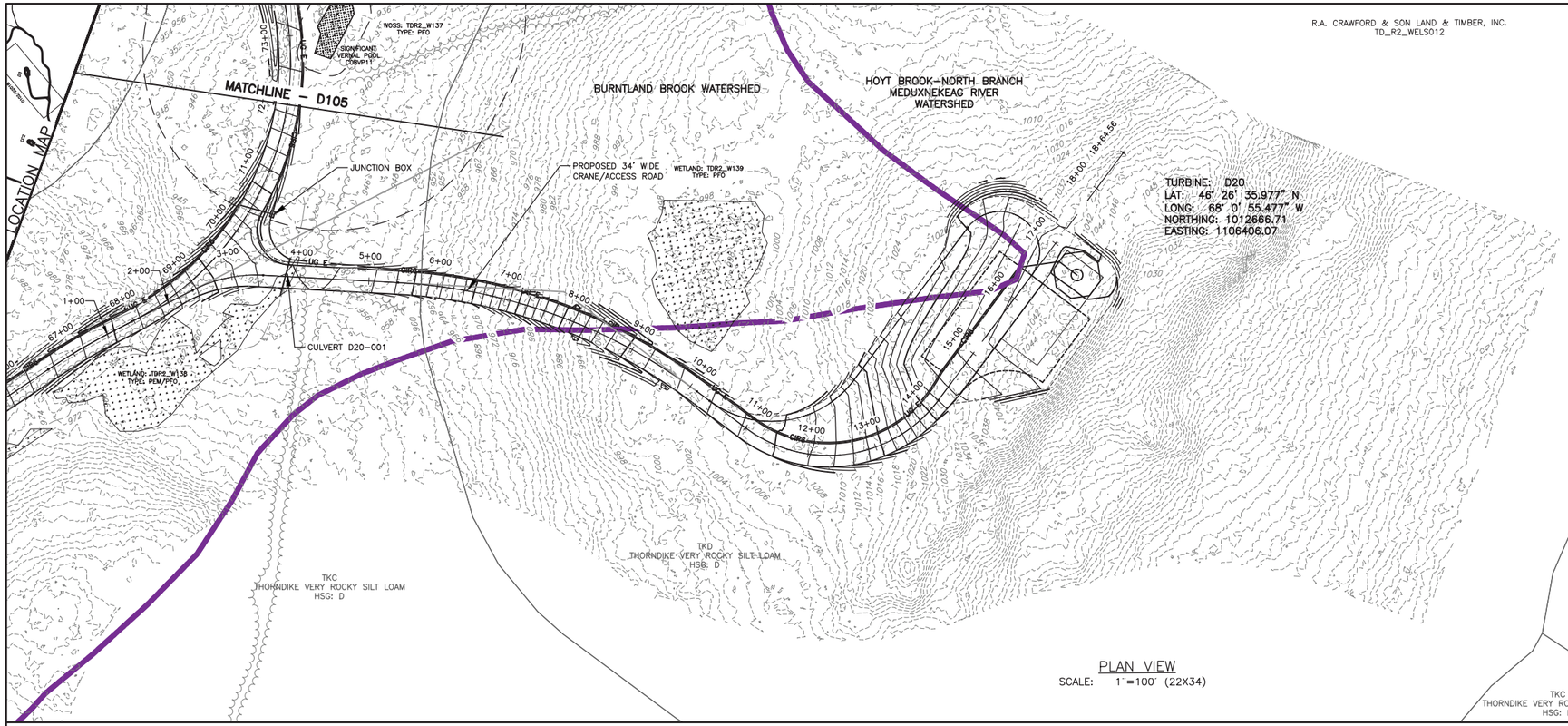
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

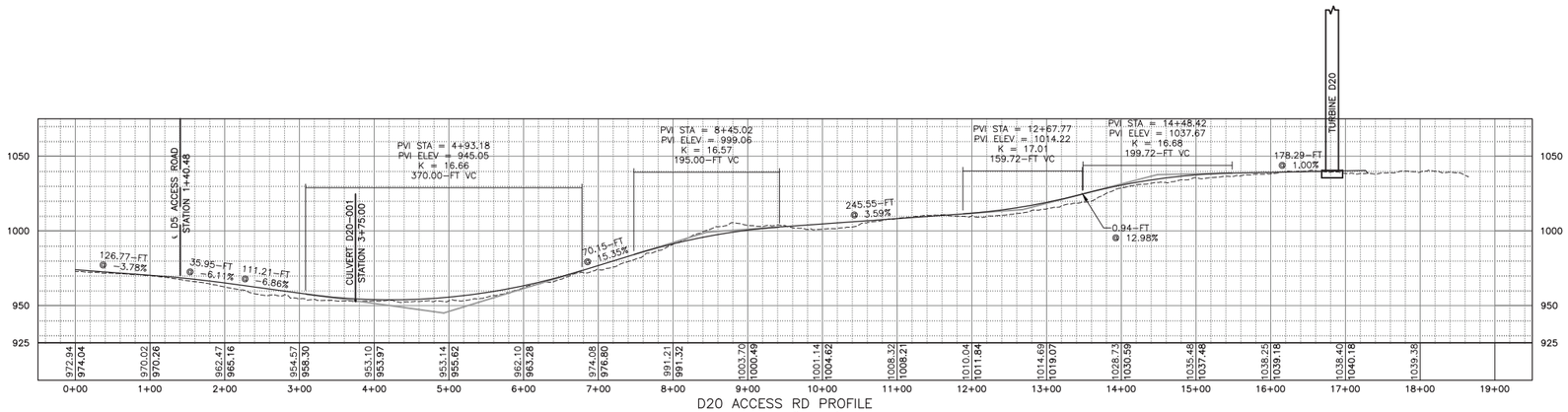
TITLE OF DRAWING
WTG D5 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
D105

SHEET 130 OF 338



PLAN VIEW
SCALE: 1"=100' (22X34)



D20 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street Bangor, ME 04401
Phone: 207.947.8189

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG D20 ACCESS ROAD PLAN SHEET

DRAWING NO.
D106

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USER: Steven Mellott

R.A. CRAWFORD & SON LAND & TIMBER, INC.
E_TWP013

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

WETLAND: ETWP_W100
TYPE: PFO

MOB
MONARDA AND BURNHAM SILT LOAMS
WETLAND: ETWP_W099
TYPE: PSS
HSG: D

TURBINE: D6
LAT: 46° 28' 22.720" N
LONG: 67° 59' 58.204" W
NORTHING: 1023504.19
EASTING: 1110348.03

DT D6-04
RS D6-01
PROPOSED 34' WIDE
CRANE/ACCESS ROAD
DT D6-03
DT D6-02
TB 352
DT D6-01
TP 350
CULVERT D6-003
EXISTING ROAD TO BE
USED AND MAINTAINED
RS D6-02
TB 351
CULVERT D6-002
PROPOSED 16' WIDE
ACCESS ROAD
CULVERT D6-001
WETLAND: ETWP_W098
TYPE: PSS
HOB
HOWLAND GRAVELLY LOAM
HSG: D
WETLAND: ETWP_W097
TYPE: PEM
BURNTLAND BROOK WATERSHED
THREE BROOKS WATERSHED
THB
THORNDIKE SHALY SILT LOAM
HSG: D
THC
THORNDIKE SHALY SILT LOAM
HSG: C/D
WETLAND: ETWP_W096
TYPE: PEM
WETLAND: ETWP_W095
TYPE: PEM
CONCRETE BATCH
PLANT-1
(SEE SHEET S-101)

PLAN VIEW D201A
SCALE: 1"=100' (22X34)

LOCATION MAP

LOCATION MAP

R.A. CRAWFORD & SON LAND & TIMBER, INC.
E_TWP013

WETLAND: ETWP_W083
TYPE: PFO

WETLAND: ETWP_W082
TYPE: PEM

HOC
HOWLAND GRAVELLY LOAM
HSG: D

TURBINE: D3
LAT: 46° 27' 41.100" N
LONG: 67° 59' 11.422" W
NORTHING: 1019309.31
EASTING: 1113649.44

RS D3-02
DT D3-03
SEE CC203B FOR
UNKNOWN RD EROSION
& SEDIMENT CONTROLS
WETLAND: ETWP_W080
TYPE: PFO/PEM
DT D3-02
WETLAND: ETWP_W079
TYPE: PEM/PFO
WETLAND: ETWP_W077
TYPE: PEM
WETLAND: ETWP_W075
TYPE: PFO/PEM
WETLAND: ETWP_W081
TYPE: PEM
DT D3-01
RS D3-01
WETLAND: ETWP_W078
TYPE: PEM
WETLAND: ETWP_W076
TYPE: PEM
THD
THORNDIKE SHALY SILT LOAM
HSG: D
THREE BROOKS WATERSHED
TSC
THORNDIKE SHALY SOILS
HSG: D
TSC
THORNDIKE SHALY SOILS
HSG: D

PLAN VIEW D201B
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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105 Catherine Street, Bangor, ME 04401
Phone: 800.339.1375

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG D3 AND WTG D6 ACCESS ROAD EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
D201

SHEET 132 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 D201-D202 Sheets.dwg
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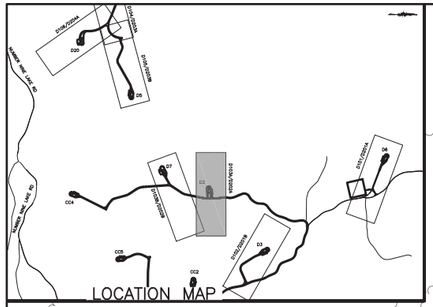

THREE BROOKS WATERSHED

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

CULVERT D2-001

R.A. CRAWFORD & SON LAND & TIMBER, INC.
E_TWP013

DT D2-01

TP 4

BURNTLAND BROOK WATERSHED

E TOWNSHIP

TD R2WELS 012

HVB
HOWLAND VERY STONY LOAM
HSG: D

RS D2-01

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

TURBINE: D2
LAT: 46° 27' 21.002" N
LONG: 67° 59' 42.641" W
NORTHING: 1017259.40
EASTING: 1111477.10

SEE CC204B FOR WTG CC4 ACCESS ROAD EROSION & SEDIMENT CONTROLS

PROPOSED 34' WIDE CRANE/ACCESS ROAD

R.A. CRAWFORD & SON LAND & TIMBER, INC.
TD_R2_WELS012

PROPOSED 34' WIDE CRANE/ACCESS ROAD

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

PLAN VIEW D202A
SCALE: 1"=100' (22X34)

R.A. CRAWFORD & SON LAND & TIMBER, INC.
TD_R2_WELS012

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

MOB
MONARDA AND BURNHAM SILT LOAMS
HSG: D

PROPOSED 34' WIDE CRANE/ACCESS ROAD

WETLAND: TDR2_W111
TYPE: PEM

MATCHLINE - SEE CC205A

SIGNIFICANT VERNAL POOL CCBVP38

WETLAND: TDR2_W113
TYPE: PFO/PEM

OSS: TDR2_W112
TYPE: PFO

VERNAL POOL CCBVP16

BURNTLAND BROOK WATERSHED

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

WETLAND: TDR2_W106
TYPE: PFO

TKD
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

PROPOSED 34' WIDE CRANE/ACCESS ROAD

JUNCTION BOX

WETLAND: TDR2_W105
TYPE: PEM

RS D7-01

DT D7-01

CULVERT CC4-006

WETLAND: TDR2_W110
TYPE: PFO/PEM

TP 731

WETLAND: TDR2_W109
TYPE: PEM

WEWETLAND: TDR2_W107
TYPE: PSS

WETLAND: TDR2_W108
TYPE: PSS

THREE BROOKS WATERSHED

WETLAND: TDR2_W104
TYPE: PFO

WETLAND: TDR2_W103
TYPE: PFO

SIGNIFICANT VERNAL POOL 178IT

WETLAND: TDR2_W102
TYPE: PEM

MOB
MONARDA AND BURNHAM SILT LOAMS
HSG: D

CULVERT CC4-007

TURBINE: D7
LAT: 46° 27' 3.930" N
LONG: 67° 59' 51.817" W
NORTHING: 1015526.04
EASTING: 1110845.73

TP 164

SEE CC205A FOR WTG CC4 ACCESS ROAD EROSION & SEDIMENT CONTROLS

HOYT BROOK-NORTH BRANCH MEDUXNEKEAG RIVER WATERSHED

PROPOSED 34' WIDE CRANE/ACCESS ROAD

WETLAND: TDR2_W100
TYPE: PFO

CULVERT CC4-008

TP 732

WOSS: TDR2_W101
TYPE: PFO

PLAN VIEW D202B
SCALE: 1"=100' (22X34)

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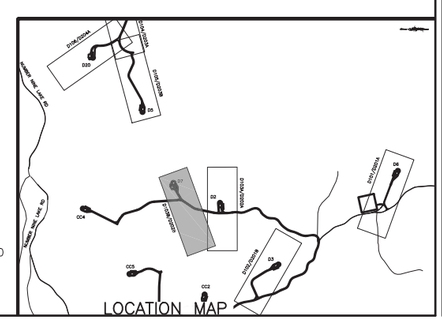
Scale: 1"=100'



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USER: Steven Mellott

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
120 Gilman Road, Gilman, ME 04447
Phone: 800-564-1179 Fax: 207-463-2463

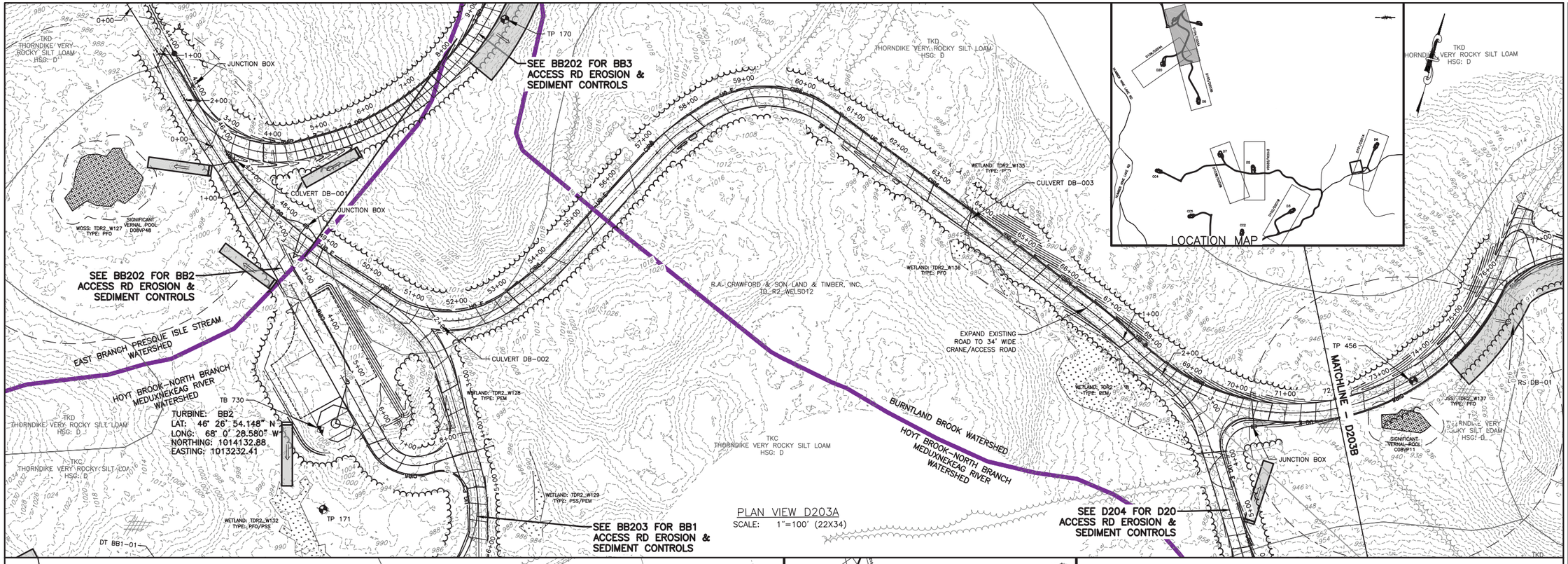
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG D2 AND WTG D7 ACCESS ROAD EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
D202

SHEET 133 OF 338



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FA PROJECT NO.
140009

PROJECT MANAGER
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ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG D5 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
D203

SHEET 134 OF 338

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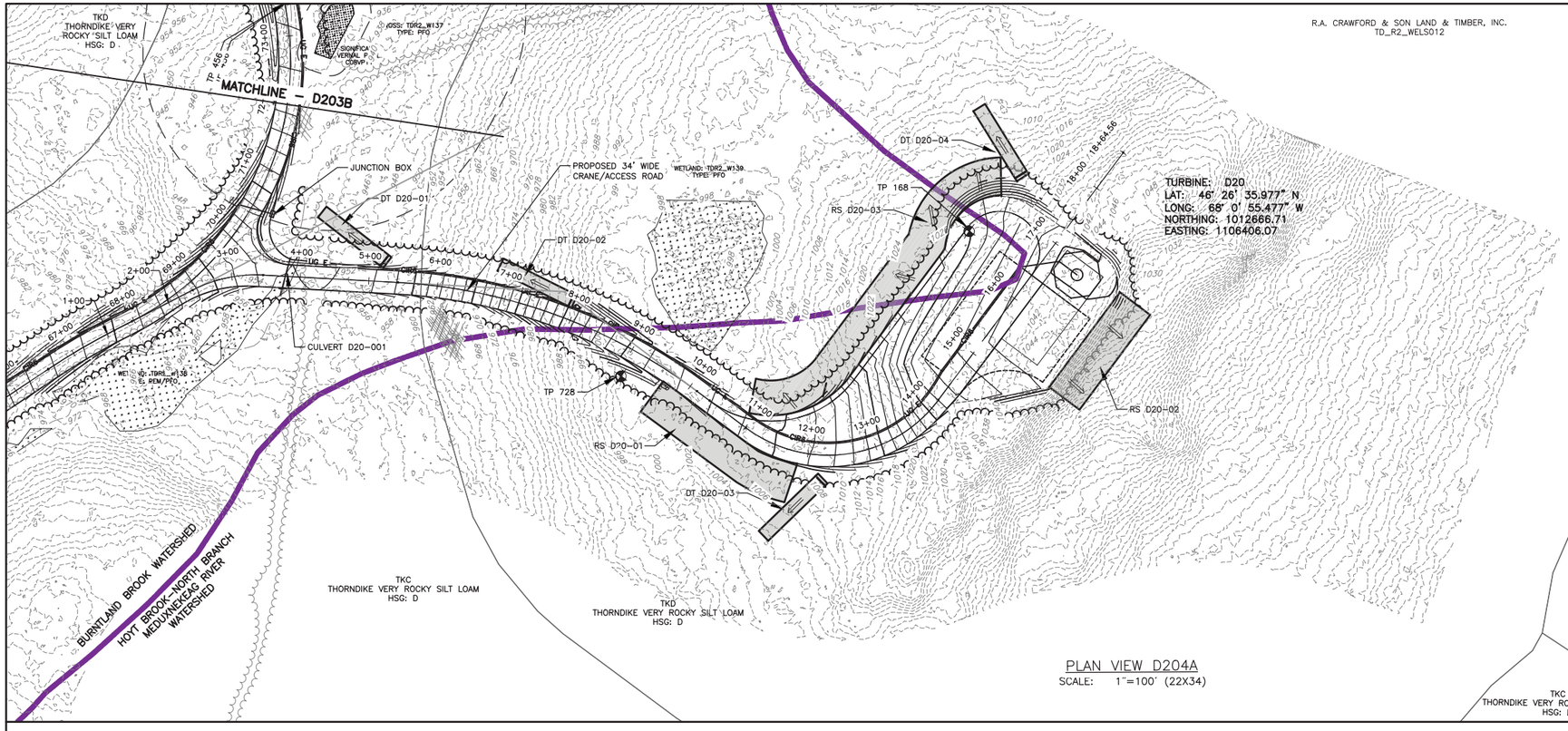

PLAN VIEW D204A
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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WWW.FISHERASSOC.COM
135 Clifford Street, Rochester, NY 14621
Phone: 585.544.1339

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG D20 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
D204

SHEET 135 OF 338

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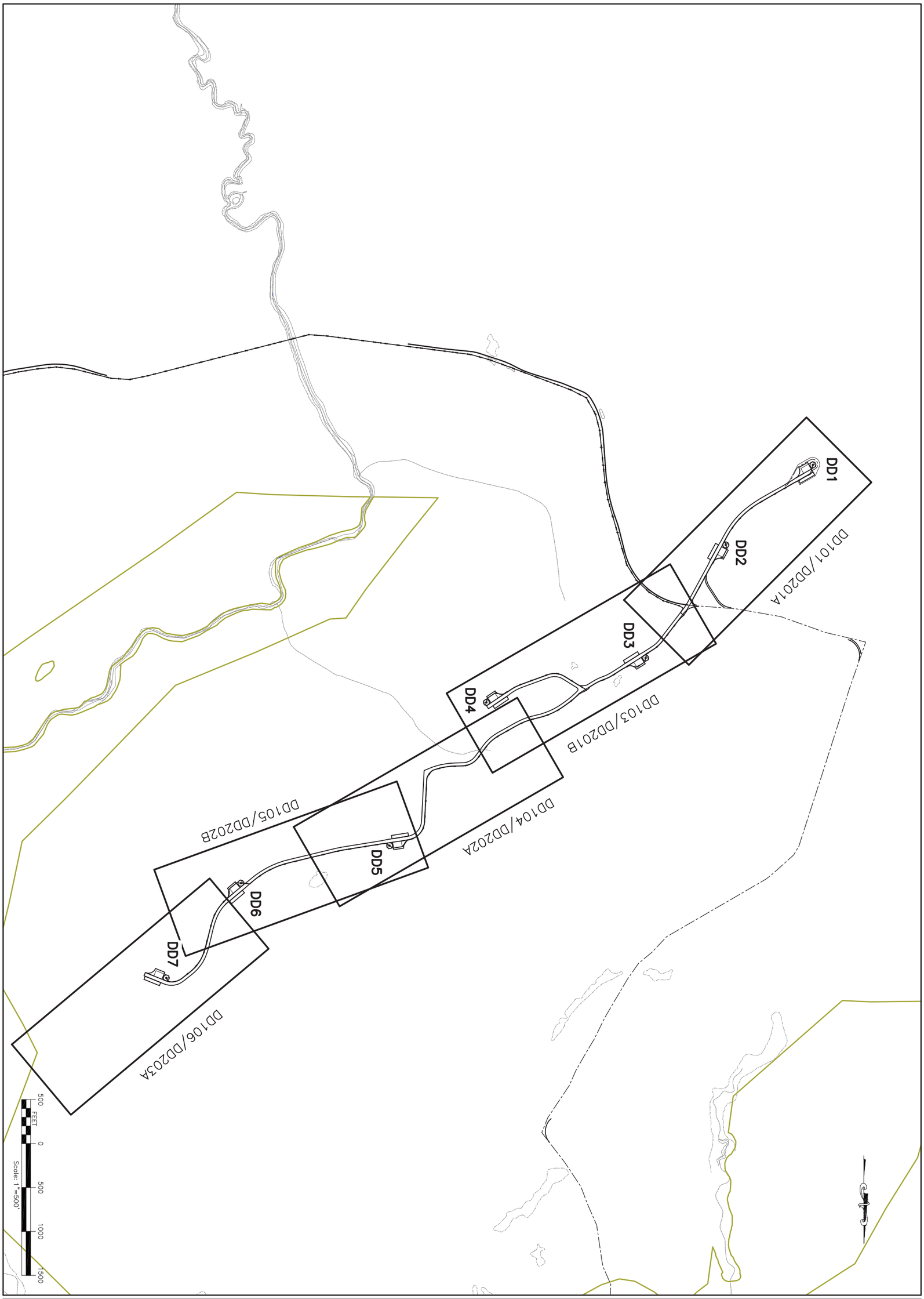

DRAWING NO.
DD100
SHEET 136 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM

TITLE OF DRAWING
DD-SHEETS INDEX PLAN SHEET

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585-334-1310

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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REV	DESCRIPTION	DATE	BY
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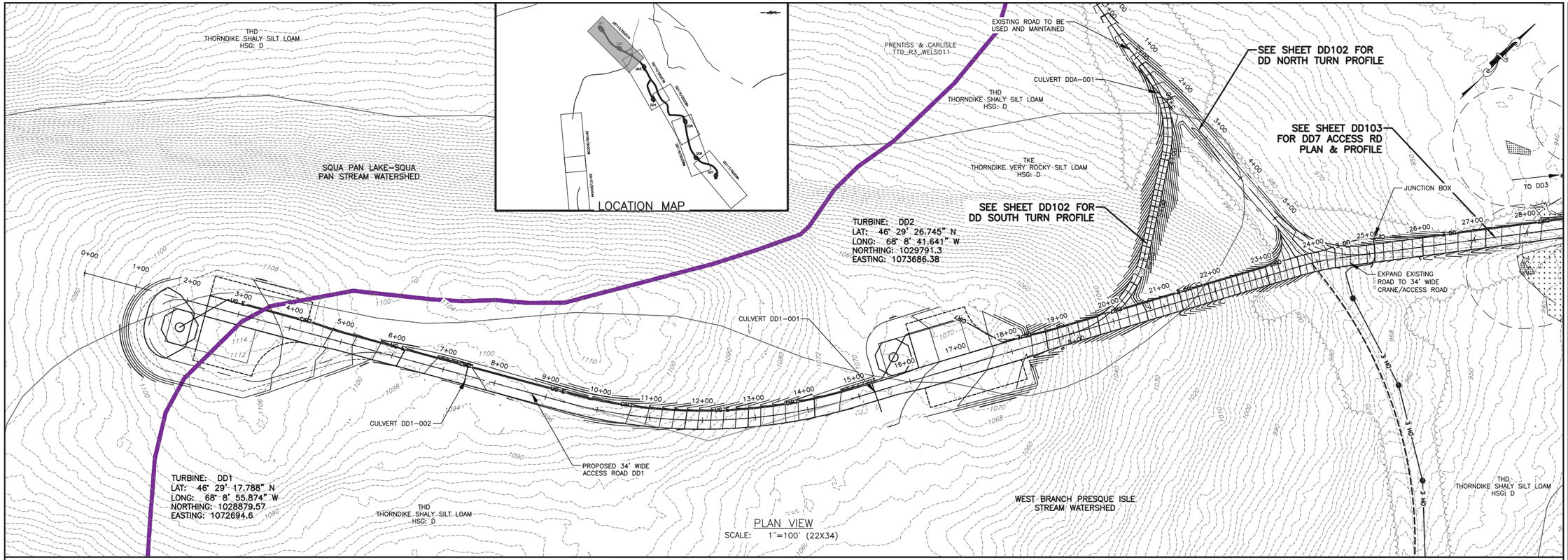

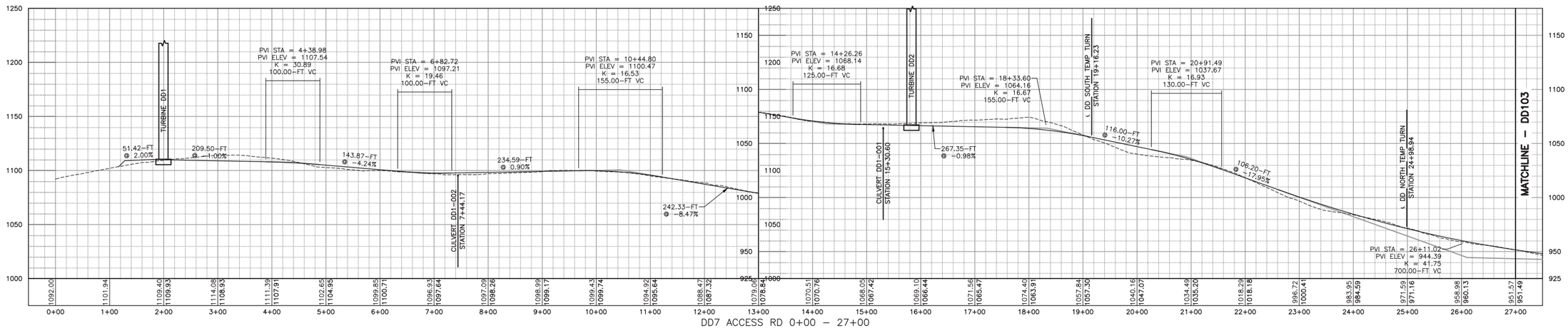

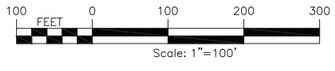

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FA PROJECT NO.
140009
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S. MELLOTT
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JULY 2015

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NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

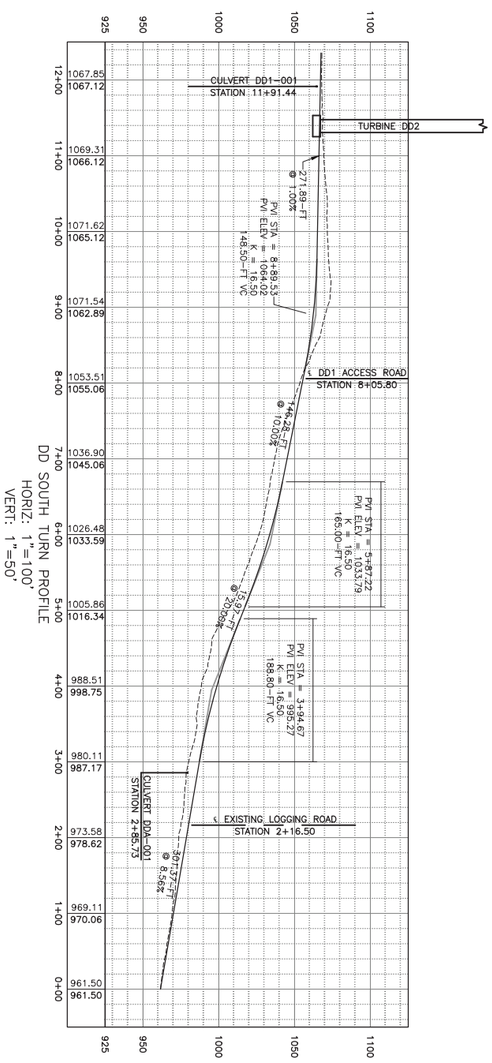
TITLE OF DRAWING
WTG DD1 ACCESS ROAD PLAN SHEET

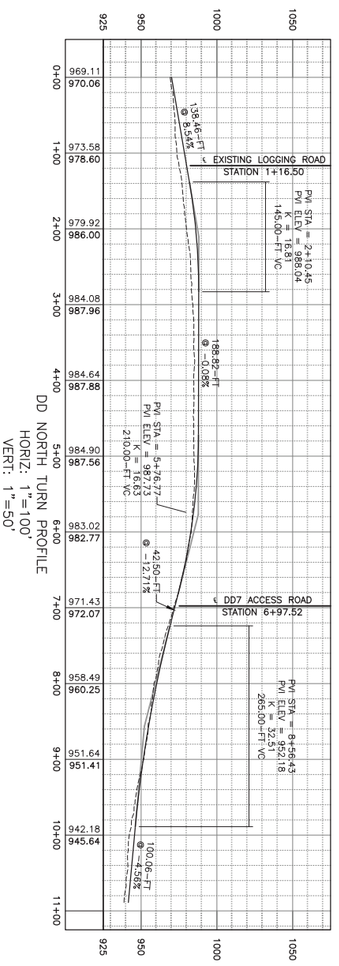
DRAWING NO.
DD101

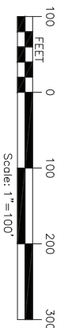
SHEET 137 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 DD101-DD107 Sheets.dwg
DATE/TIME: 7/8/2015 9:54:42 AM
USER: Steven Mellott

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 DD101-DD107 Sheets.dwg
DATE/TIME: 7/8/2015 9:55:03 AM
USER: Steven Mellott







SHEET 138 OF 338

DRAWING NO. DD102

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM

TITLE OF DRAWING
DD-STRING TEMPORARY TURN PROFILES

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585-334-1310

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PROJECT MANAGER
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REV	DESCRIPTION	DATE	BY
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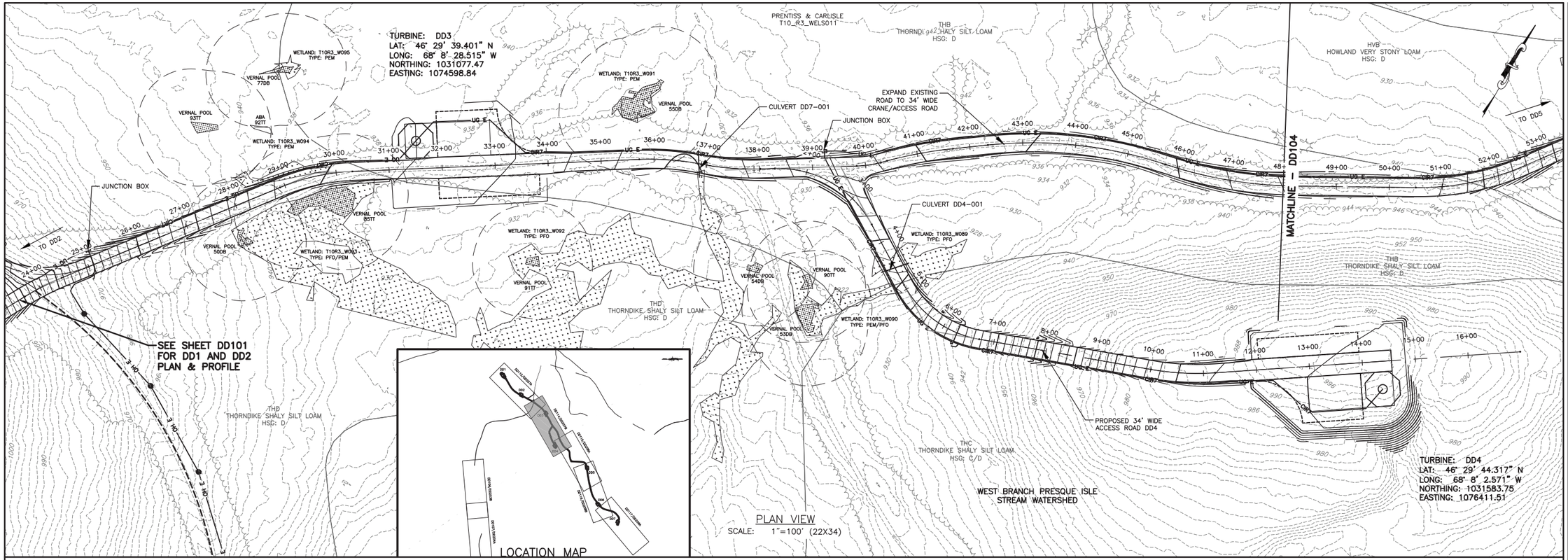

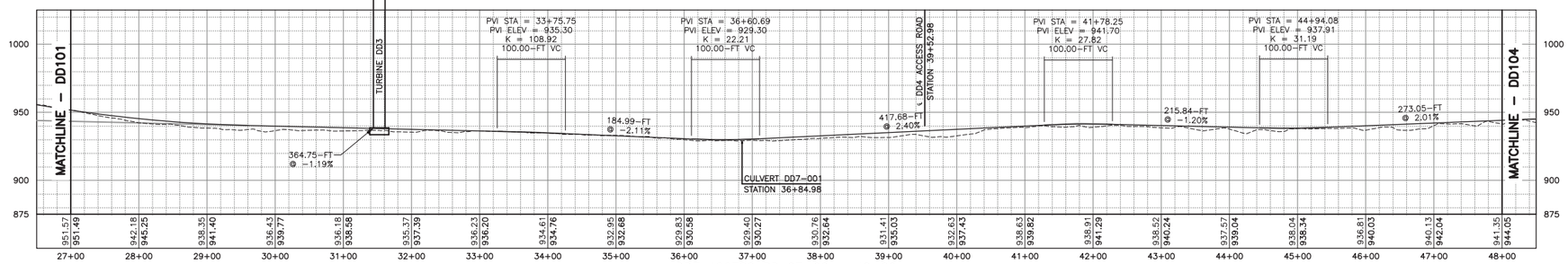

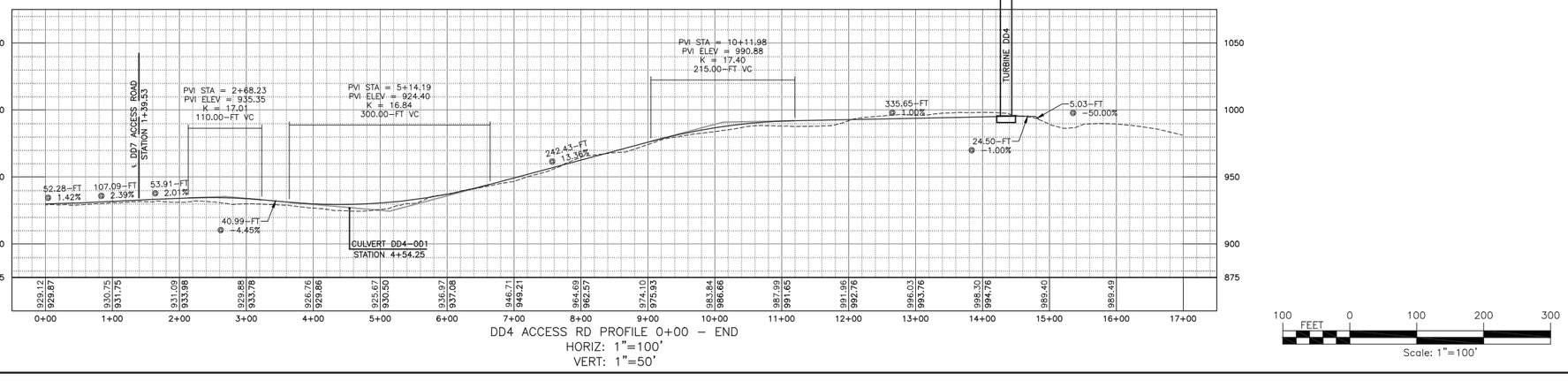

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Scale: 1"=100'

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NUMBER NINE WIND FARM*

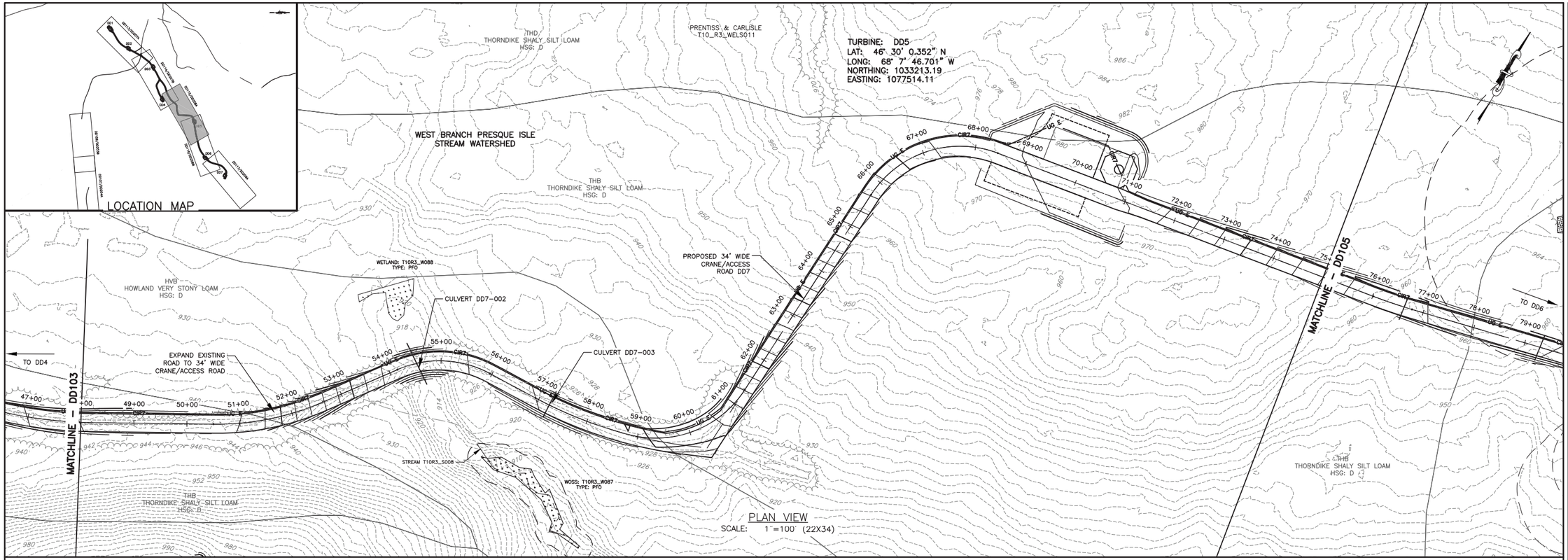
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

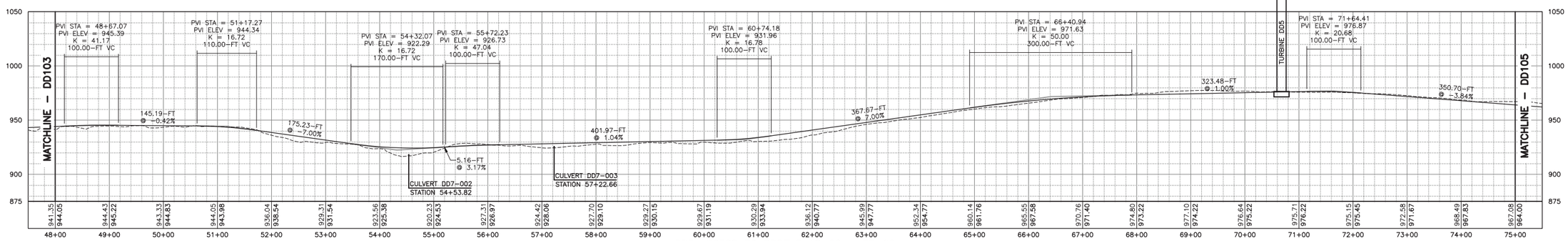
TITLE OF DRAWING
WTG DD7 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
DD103

SHEET 139 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 DD101-DD107 Sheets.dwg
DATE/TIME: 7/8/2015 9:55:36 AM
USER: Steven Mellott





DD7 ACCESS RD PROFILE 48+00 – 75+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG DD7 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
DD104

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 DD101-DD107 Sheets.dwg
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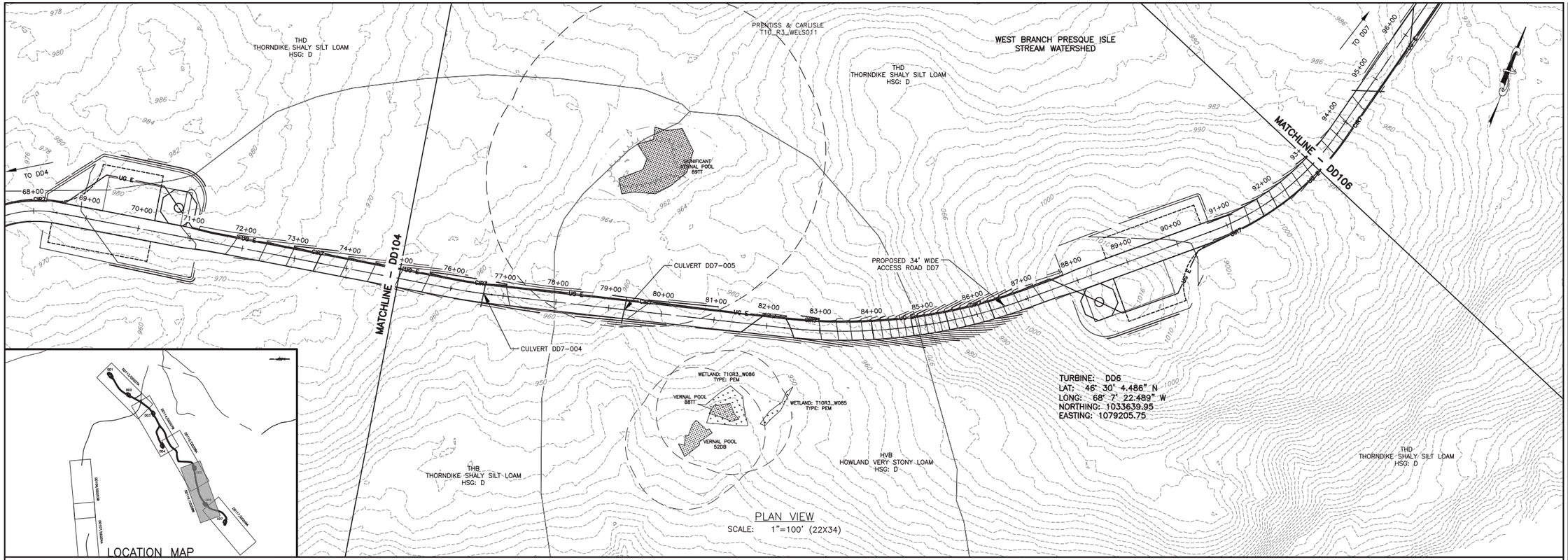
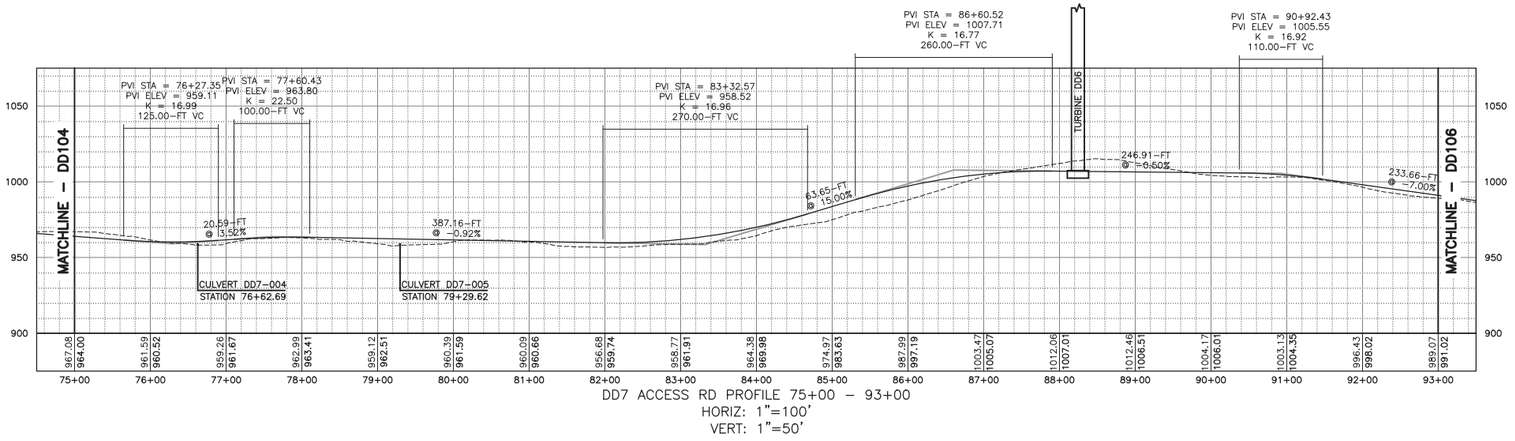
USER: Steven Mellott





DD7 ACCESS RD PROFILE 75+00 – 93+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 DD101-DD107 Sheets.dwg
DATE/TIME: 7/8/2015 9:56:30 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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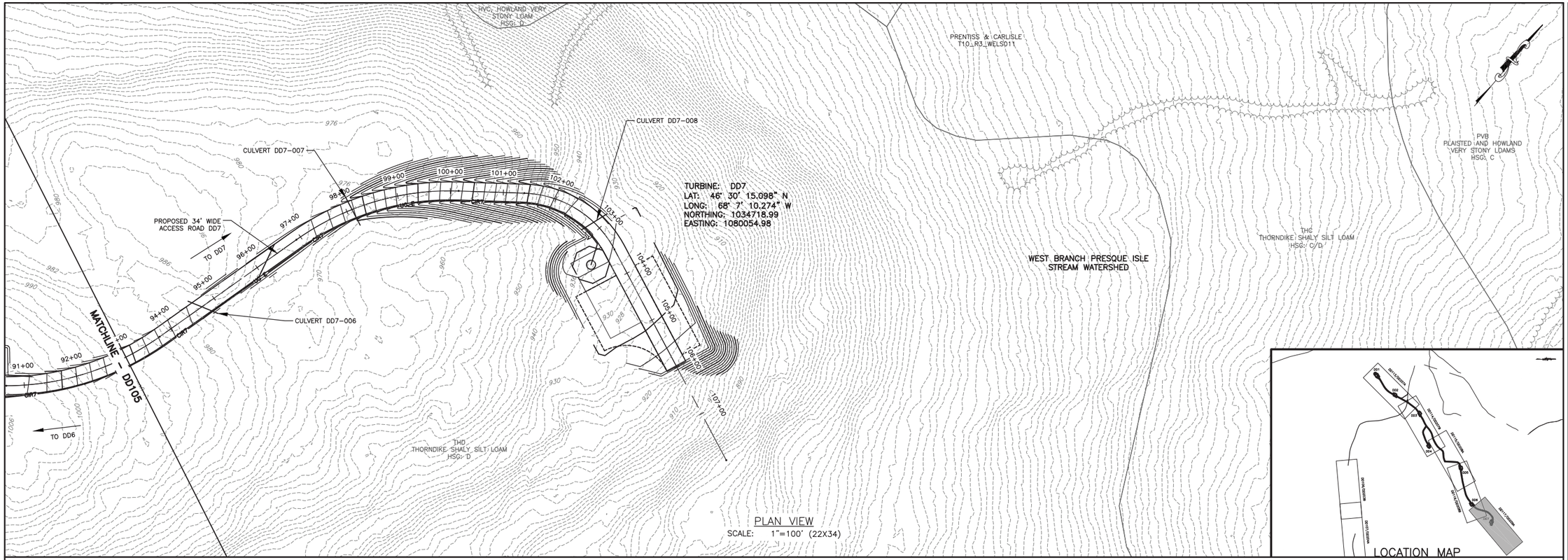
NUMBER NINE WIND FARM

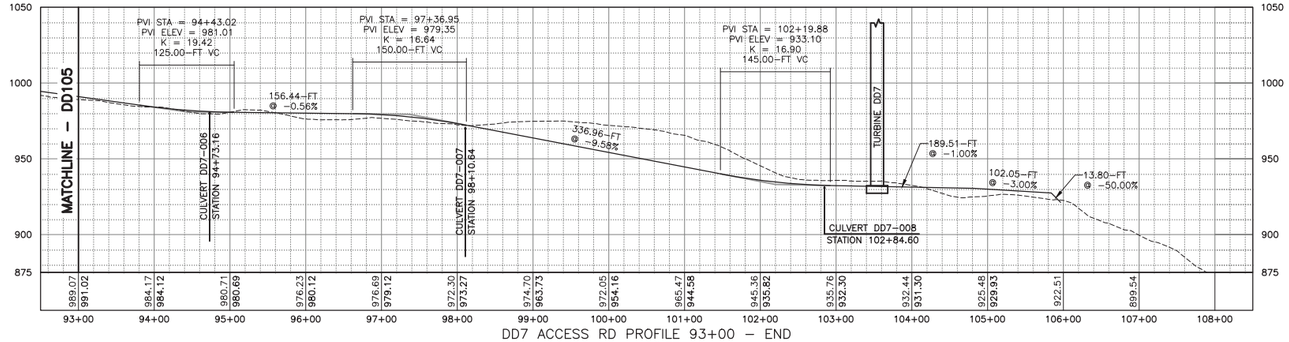
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG DD7 ACCESS ROAD PLAN SHEET 3

DRAWING NO.
DD105



PLAN VIEW
SCALE: 1"=100' (22X34)



DD7 ACCESS RD PROFILE 93+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG DD7 ACCESS ROAD PLAN SHEET 4

DRAWING NO.
DD106

SHEET 142 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 DD101--DD107 Sheets.dwg
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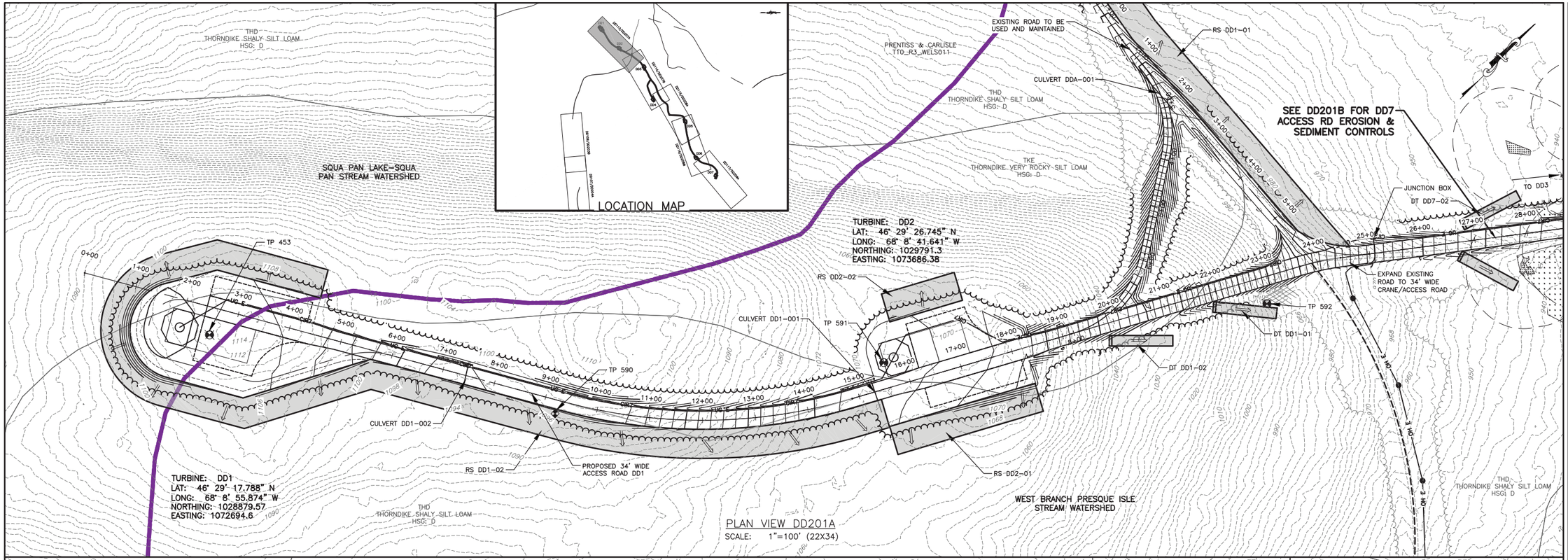
USER: Steven Mellott



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FA PROJECT NO.
140009

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NUMBER NINE WIND FARM*

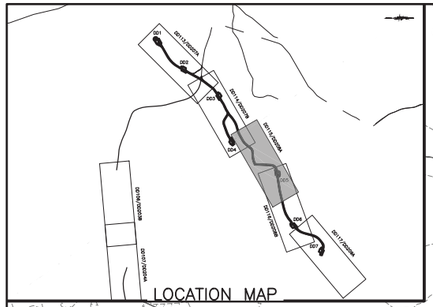
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG DD1, DD2, DD3, DD4 AND DD7 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
DD201

SHEET 143 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 DD201-DD204 Sheets.dwg
DATE/TIME: 7/8/2015 9:58:15 AM
USER: Steven Mellott



THD
THORNDIKE SHALY SILT LOAM
HSG: D

PRENTISS & CARLISLE
T10_R3_WELS011

TURBINE: DD5
LAT: 46° 30' 0.352" N
LONG: 68° 7' 46.701" W
NORTHING: 1033213.19
EASTING: 1077514.11

WEST BRANCH PRESQUE ISLE
STREAM WATERSHED

THB
THORNDIKE SHALY SILT LOAM
HSG: D

HVB
HOWLAND VERY STONY LOAM
HSG: D

WETLAND: T10R3_W088
TYPE: PFO

PROPOSED 34' WIDE
CRANE/ACCESS
ROAD DD7

CULVERT DD7-002

CULVERT DD7-003

EXPAND EXISTING
ROAD TO 34' WIDE
CRANE/ACCESS ROAD

TO DD4

MATCHLINE – DD201B

MATCHLINE – DD202B

TO DD6

TB 596

TP 595

TP 597

DT DD7-07

DT DD7-08

DT DD7-09

DT DD7-10

RS DD7-04

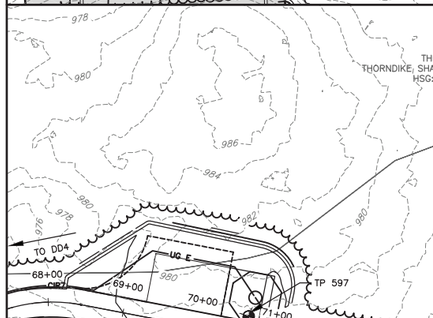
RS DD5-01

RS DD7-05

STREAM T10R3_S008

WOSS: T10R3_W087
TYPE: PFO

PLAN VIEW DD202A
SCALE: 1"=100'



PRENTISS & CARLISLE
T10_R3_WELS011

WEST BRANCH PRESQUE ISLE
STREAM WATERSHED

THD
THORNDIKE SHALY SILT LOAM
HSG: D

SIGNIFICANT
VERNAL POOL
89TT

PROPOSED 34' WIDE
ACCESS ROAD DD7

CULVERT DD7-005

CULVERT DD7-004

MATCHLINE – DD202A

MATCHLINE – DD203A

TO DD4

TO DD7

TB 598

TB 599

TP 597

TP 600

RS DD6-02

RS DD6-01

DT DD7-12

DT DD7-13

DT DD7-14

RS DD7-06

WETLAND: T10R3_W086
TYPE: PEM

VERNAL POOL
88TT

VERNAL POOL
52DB

WETLAND: T10R3_W085
TYPE: PEM

TURBINE: DD6
LAT: 46° 30' 4.486" N
LONG: 68° 7' 22.489" W
NORTHING: 1033639.95
EASTING: 1079205.75

HVB
HOWLAND VERY STONY LOAM
HSG: D

THB
THORNDIKE SHALY SILT LOAM
HSG: D

PLAN VIEW DD202B
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
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AS SHOWN
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JULY 2015

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Phone: 866-354-3172

NUMBER NINE WIND FARM™

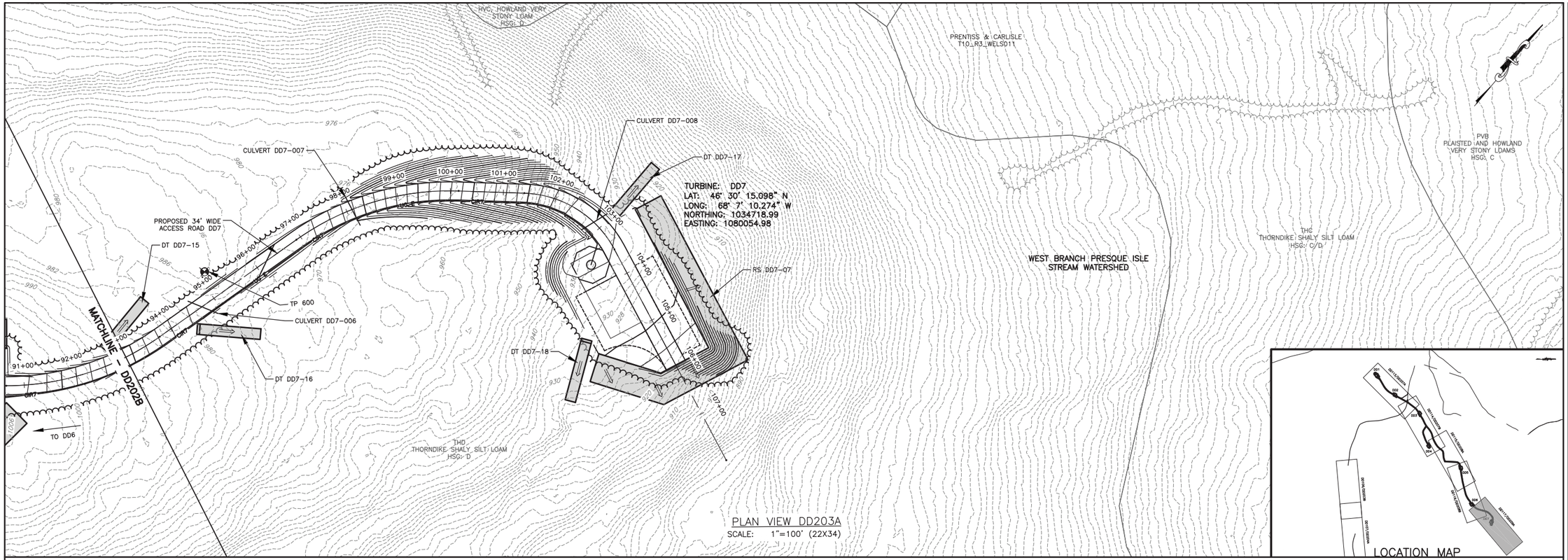
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG DD5, WTG DD6 AND WTG DD7 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
DD202

SHEET 144 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 DD201-DD204 Sheets.dwg
DATE/TIME: 7/8/2015 9:58:50 AM
USER: Steven Mellott



PLAN VIEW DD203A
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 DD201-DD204 Sheets.dwg
DATE/TIME: 7/8/2015 9:59:12 AM
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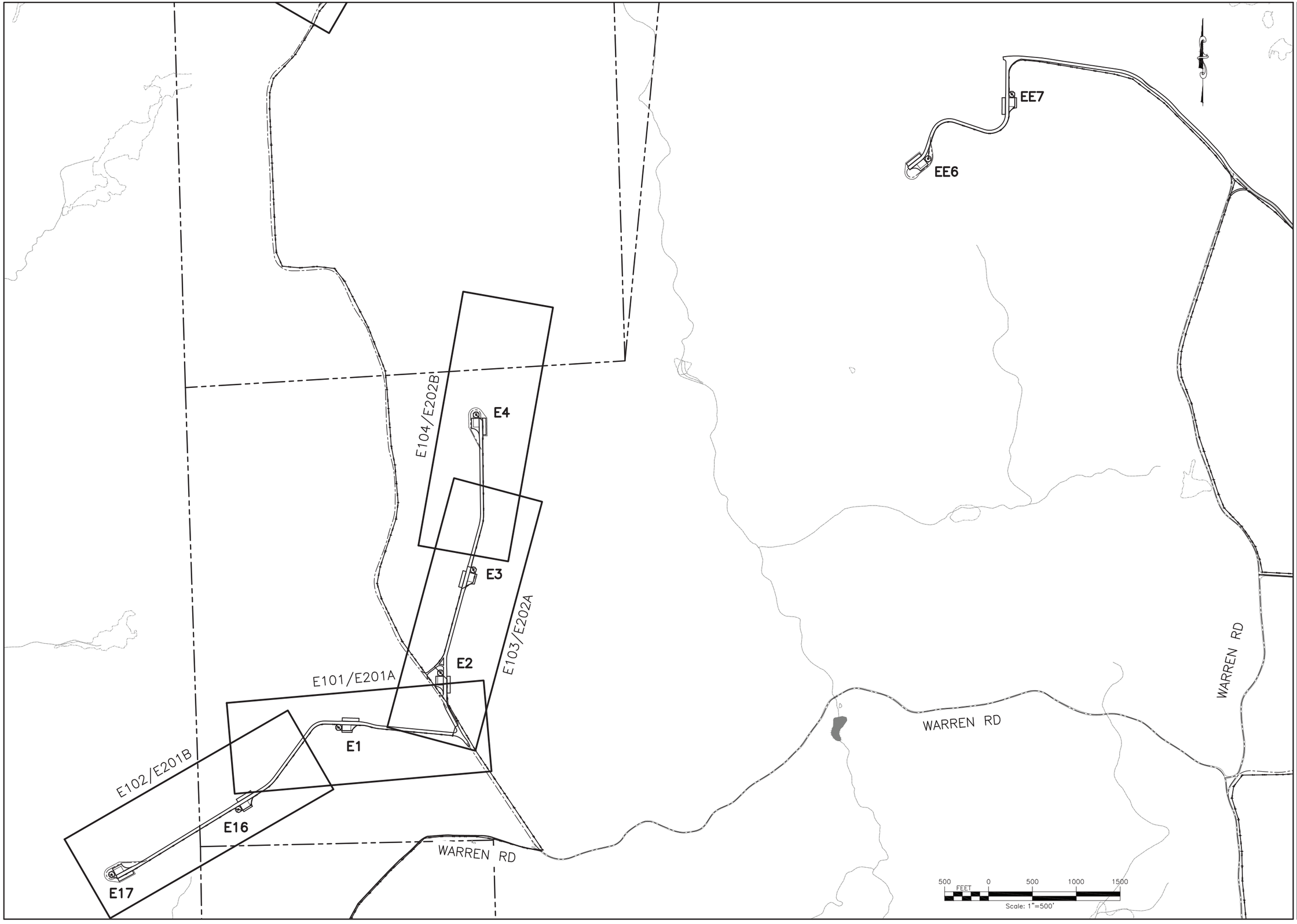
135 Calkins Road, Rochester, NY 14623
Phone: 585.334.1310

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG DD7 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
DD203



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USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
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PROJECT MANAGER
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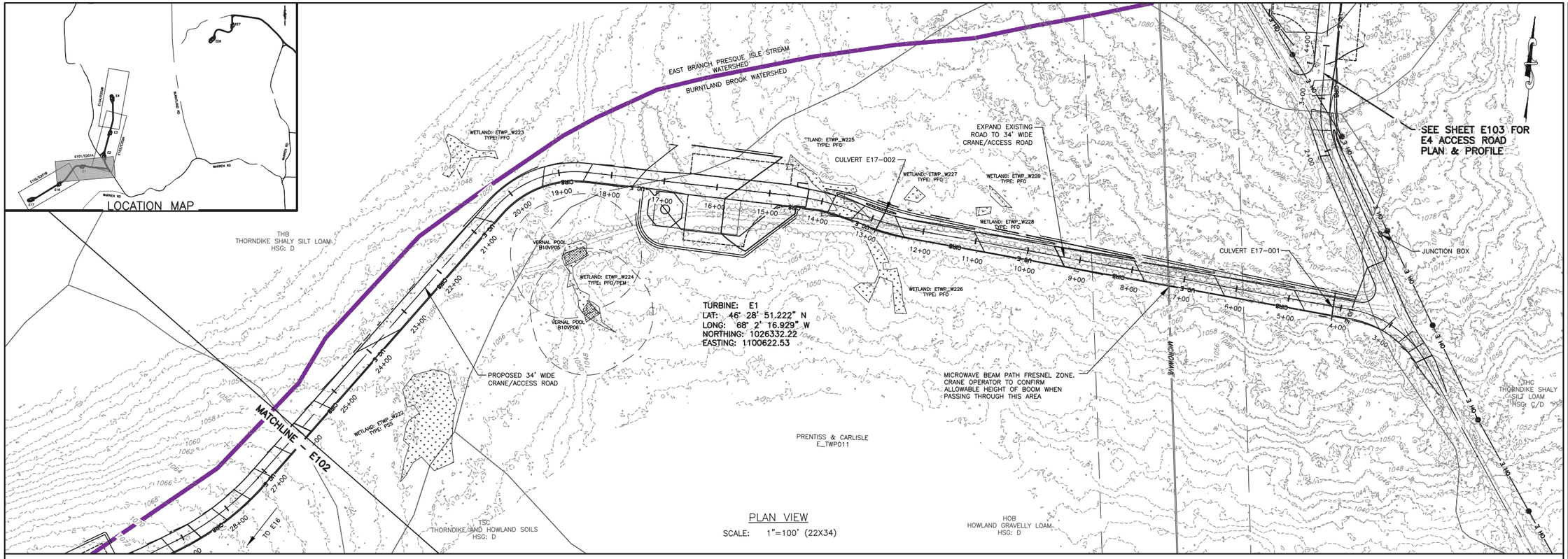
Phone: 585-334-1310

NUMBER NINE WIND FARM

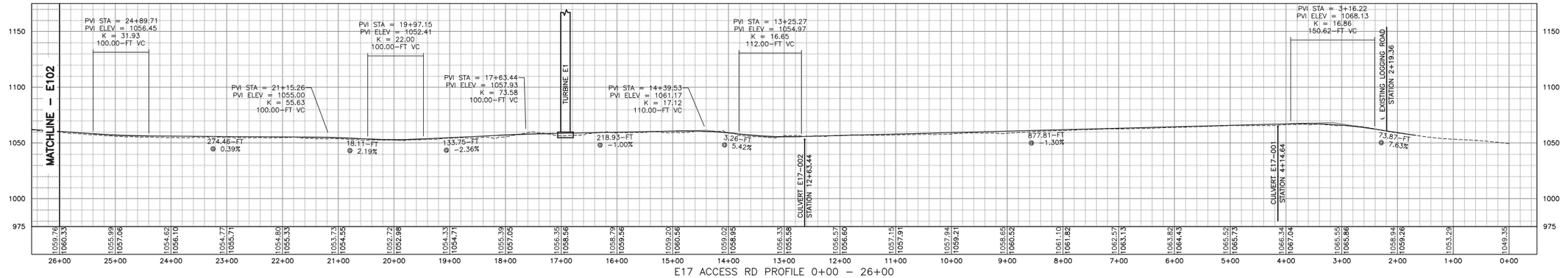
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
E-SHEETS INDEX PLAN

DRAWING NO.
E100



PLAN VIEW
SCALE: 1"=100' (22X34)



E17 ACCESS RD PROFILE 0+00 - 26+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
1			
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4			
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6			
7			

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New York State Education Law Section 7209 states that it is a violation of this law for any person, unless acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way.

If an item bearing the seal of an engineer and land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street, Suite 313 Rochester, NY 14607
Phone: 585.334.1310

NUMBER NINE WIND FARM

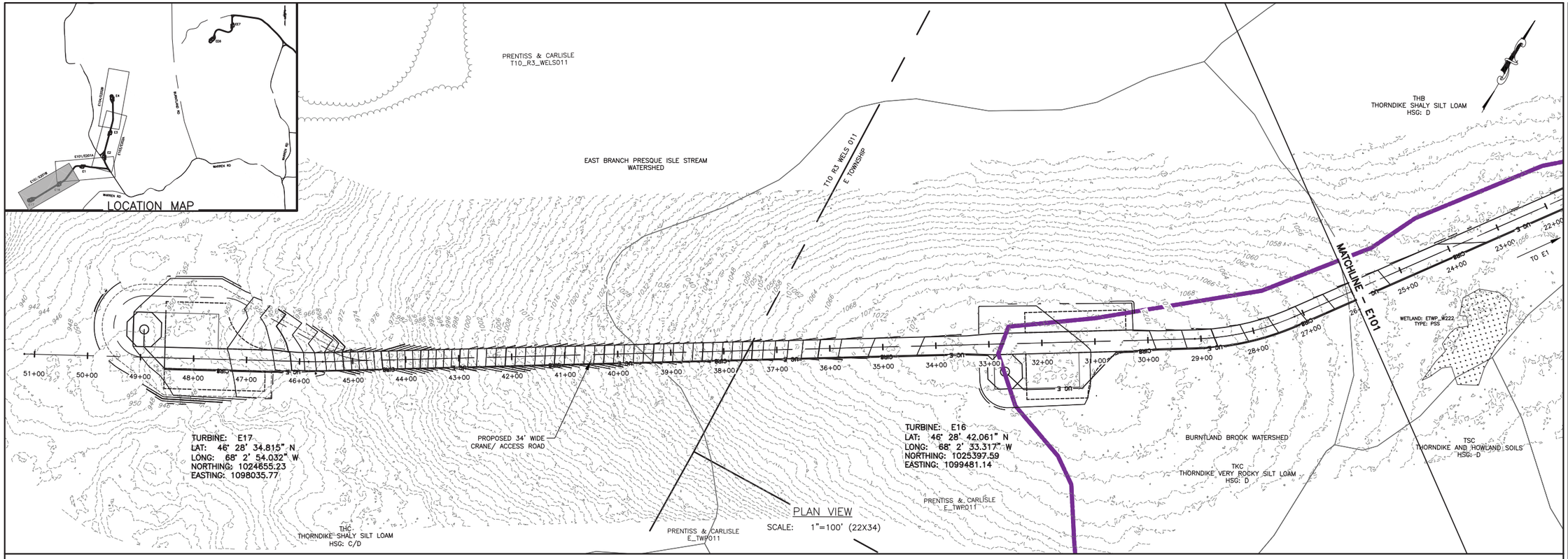
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

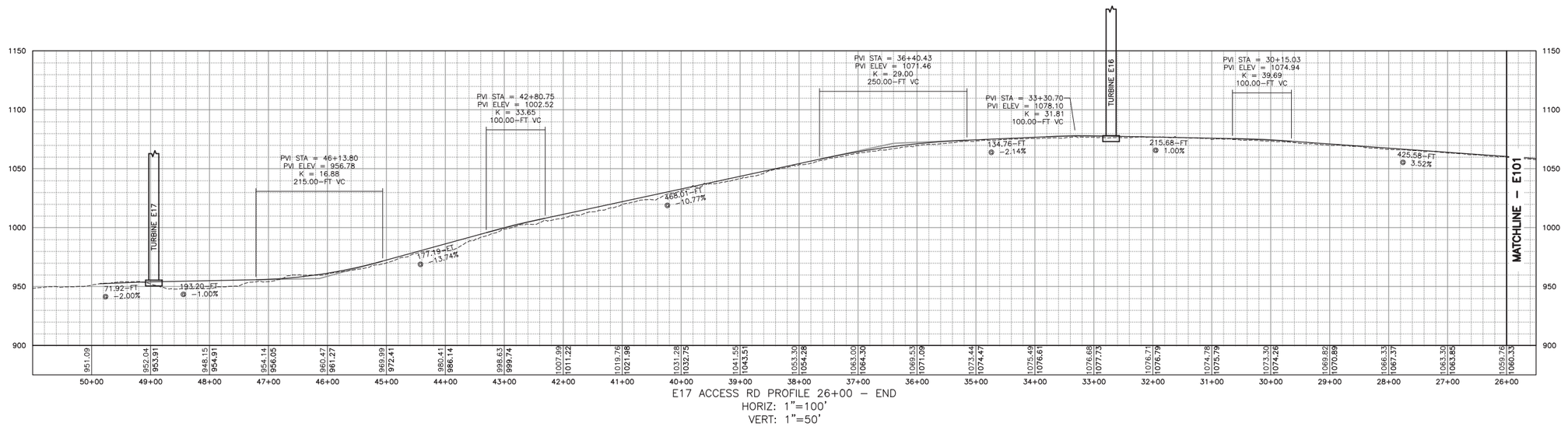
TITLE OF DRAWING
WTG E1, WTG E16 AND WTG E17 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
E101

SHEET 147 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 E101-E104 Sheets.dwg
DATE/TIME: 7/8/2015 10:09:42 AM
USER: Steven Mellott





100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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1			

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New York Water Exploration Law Section 7209 states that it is a violation of this section for any person, unless acting under the direction of a licensed surveyor, to deface any survey monument or property line marker.

If an item bearing the seal of an engineer, land surveyor or landscape architect is affixed to the item, his/her seal and signature must be accompanied by his/her signature and the date of such signature and a specific description of the alteration.

FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Catherine Street, Bangor, ME 04401
Phone: 207.990.3334 Fax: 207.973.1570

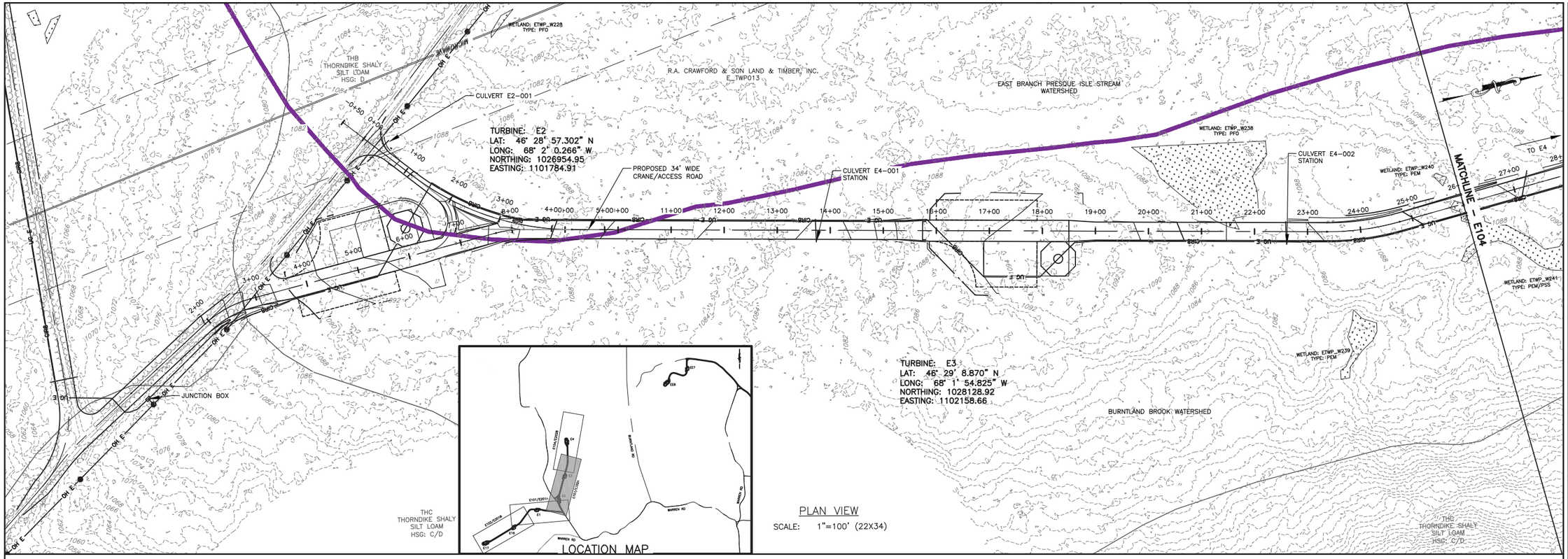
NUMBER NINE WIND FARM

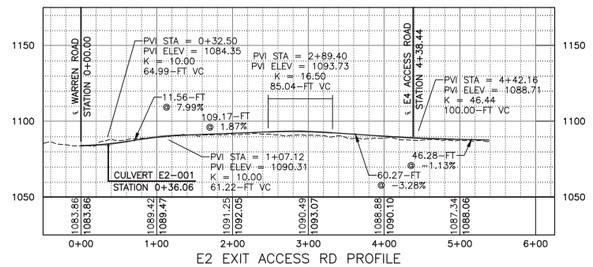
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG E1, WTG E16 AND WTG E17 ACCESS ROAD PLAN SHEET 2

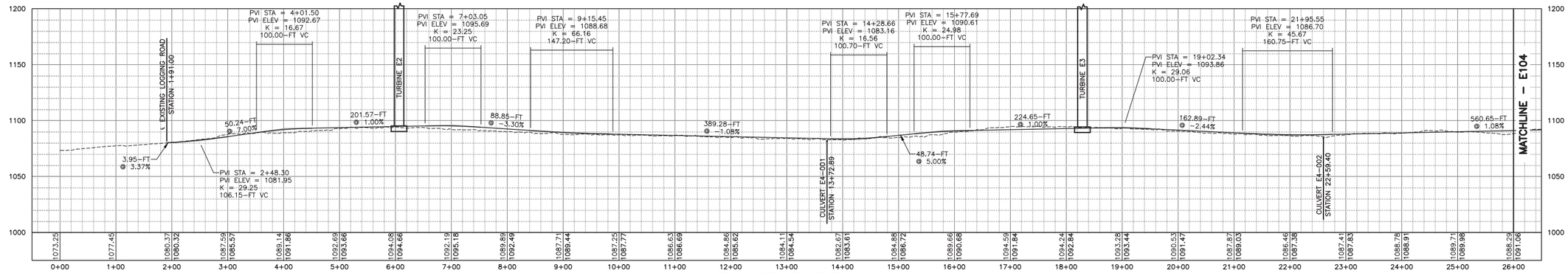
DRAWING NO.
E102

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 E101-E104 Sheets.dwg
DATE/TIME: 7/8/2015 10:10:11 AM
USER: Steven Mellott





E2 EXIT ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



E12 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

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REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Catherine Street, Bangor, ME 04401
Phone: (207) 947-3315

NUMBER NINE WIND FARM

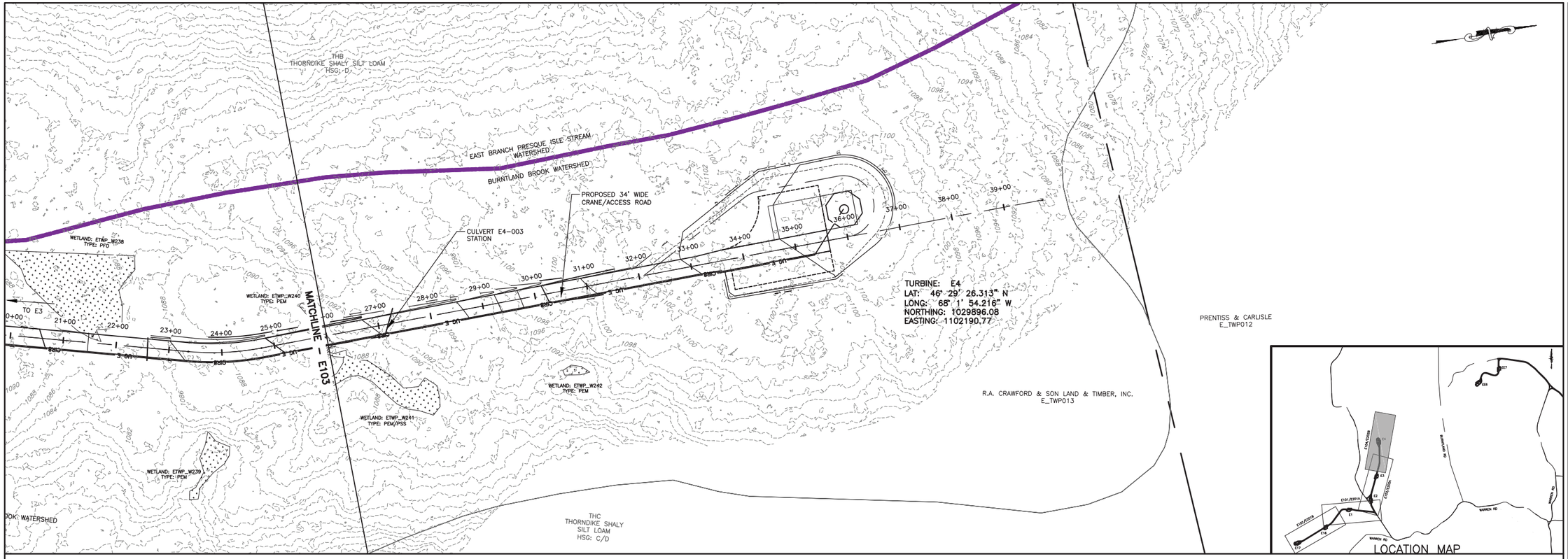
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

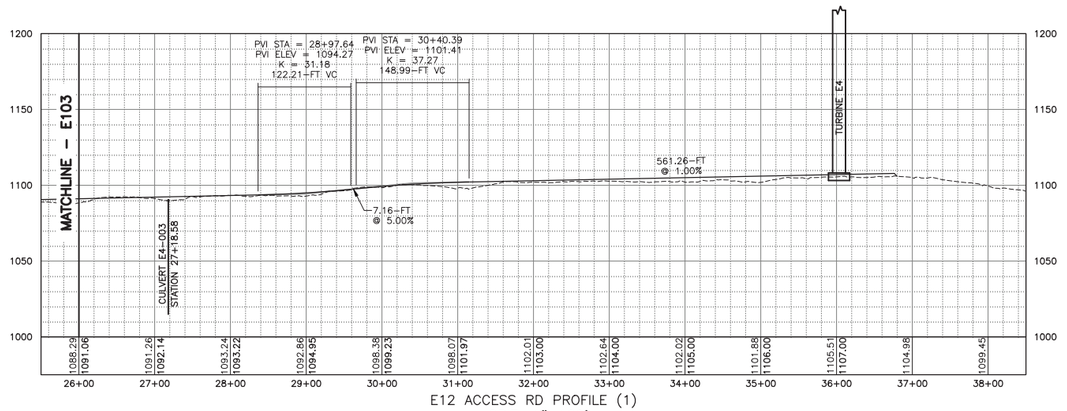
TITLE OF DRAWING
WTG E2, WTG E3 AND WTG E4 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
E103

SHEET 149 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 E101-E104 Sheets.dwg
DATE/TIME: 7/8/2015 10:10:48 AM
USER: Steven Mellott





E12 ACCESS RD PROFILE (1)
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585.334.1310

NUMBER NINE WIND FARM

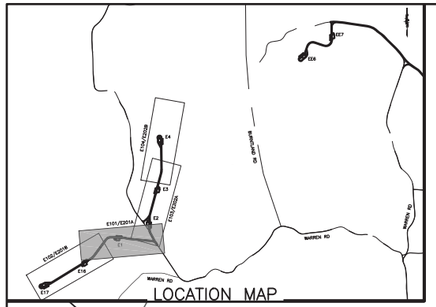
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG E2, WTG E3 AND WTG E4 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
E104

SHEET 150 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 E101-E104 Sheets.dwg
DATE/TIME: 7/8/2015 10:11:18 AM
USER: Steven Mellott


LOCATION MAP
E1
E2
E3
E4
E15/E201A
E16/E201B
E17/E202A
E101/E201A
E102/E201B
E103/E202A
E104/E202B
E105/E202C
E106/E202D
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E145
E146

TURBINE: E2
LAT: 46° 28' 57.302" N
LONG: 68° 2' 0.266" W
NORTHING: 1026954.95
EASTING: 1101784.91

TURBINE: E3
LAT: 46° 29' 8.870" N
LONG: 68° 1' 54.825" W
NORTHING: 1028128.92
EASTING: 1102158.66

TURBINE: E4
LAT: 46° 29' 26.313" N
LONG: 68° 1' 54.216" W
NORTHING: 1029896.08
EASTING: 1102190.77

PLAN VIEW E202A
SCALE: 1"=100' (22X34)

PLAN VIEW E202B
SCALE: 1"=100' (22X34)

LOCATION MAP

Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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New York Yellow Exposition Law Section 7209 states that it is a violation of law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor, to alter in any way, an item bearing the seal of an engineer, land surveyor or landscape architect. If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the alterer shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERARBOR.COM
15 Columbia Drive, Suite 1 • Amherst, NH 03031
Phone: 603-324-3570

NUMBER NINE WIND FARM"

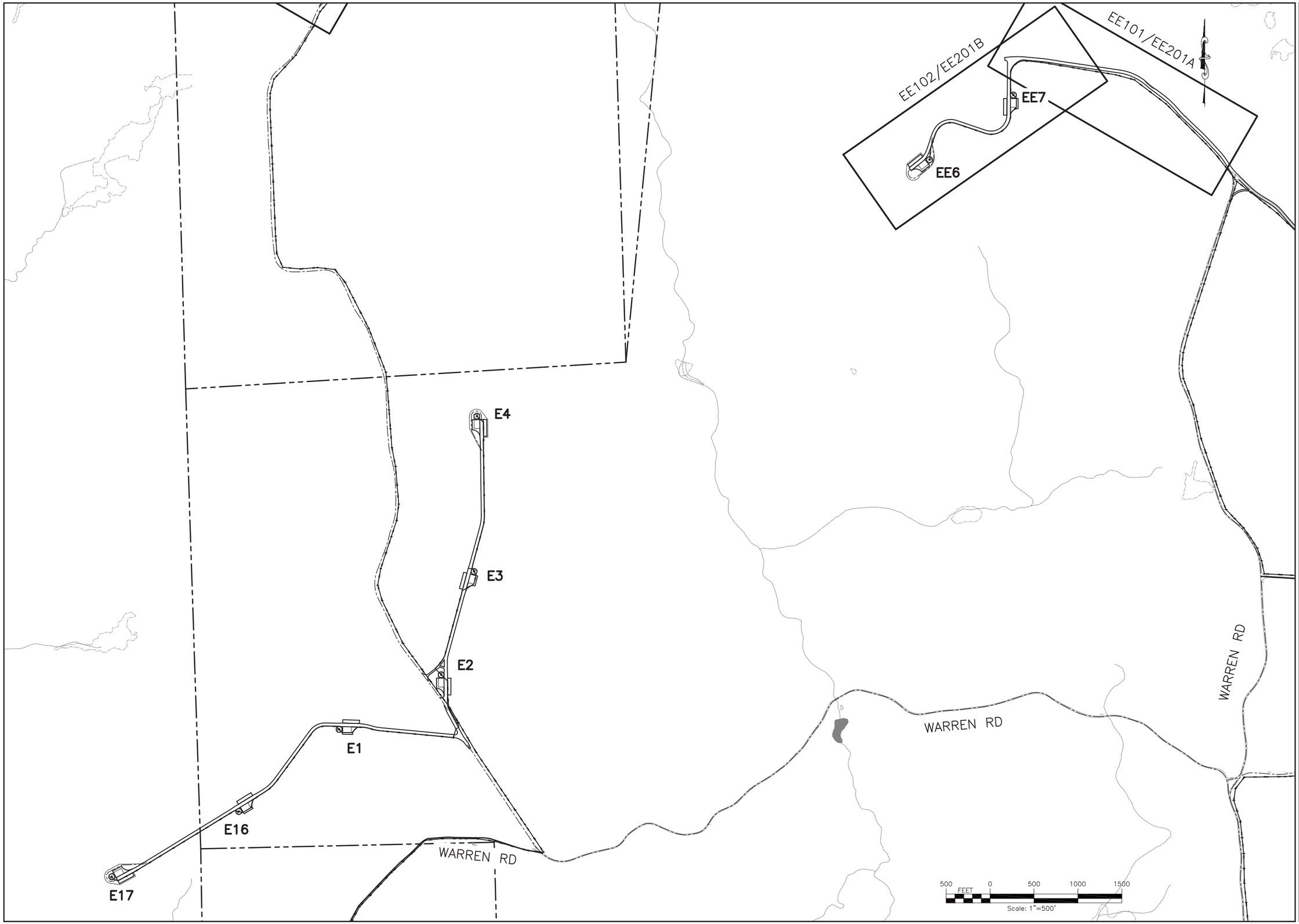
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG E2, WTG E3 AND WTG E4 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
E202

SHEET 152 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 E201-E202 Sheets.dwg
DATE/TIME: 7/8/2015 10:13:06 AM
USER: Steven Mellott



FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 EE100 Index.dwg
DATE/TIME: 7/8/2015 10:22:11 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Commercial Street, Suite 1, Portland, Maine 04101-4623
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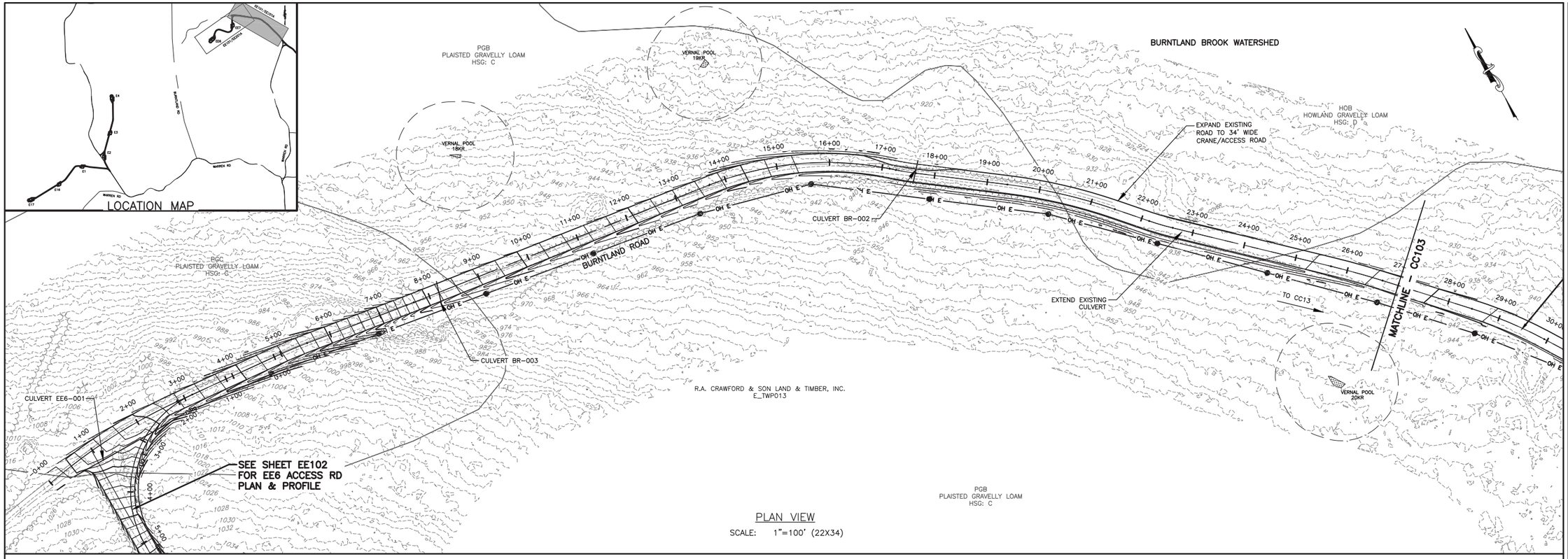
Rockland, Maine 04841 Phone: 207-594-7476

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

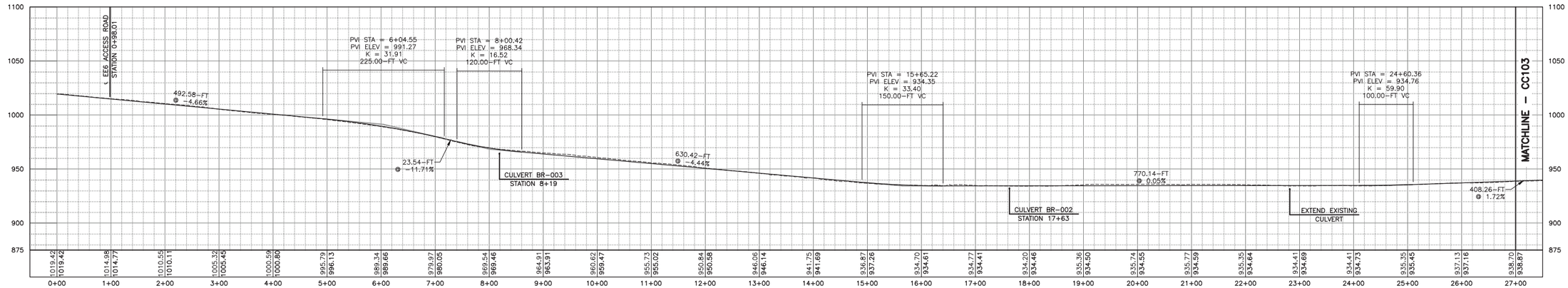
TITLE OF DRAWING
EE-SHEETS INDEX PLAN

DRAWING NO.
EE100



PLAN VIEW

SCALE: 1"=100' (22X34)



BURNTLAND RD PROFILE 0+00 - 27+00

HORIZ: 1"=100'

VERT: 1"=50'

100 FEET 0 100 200 300

Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Phone: (585) 334-1310

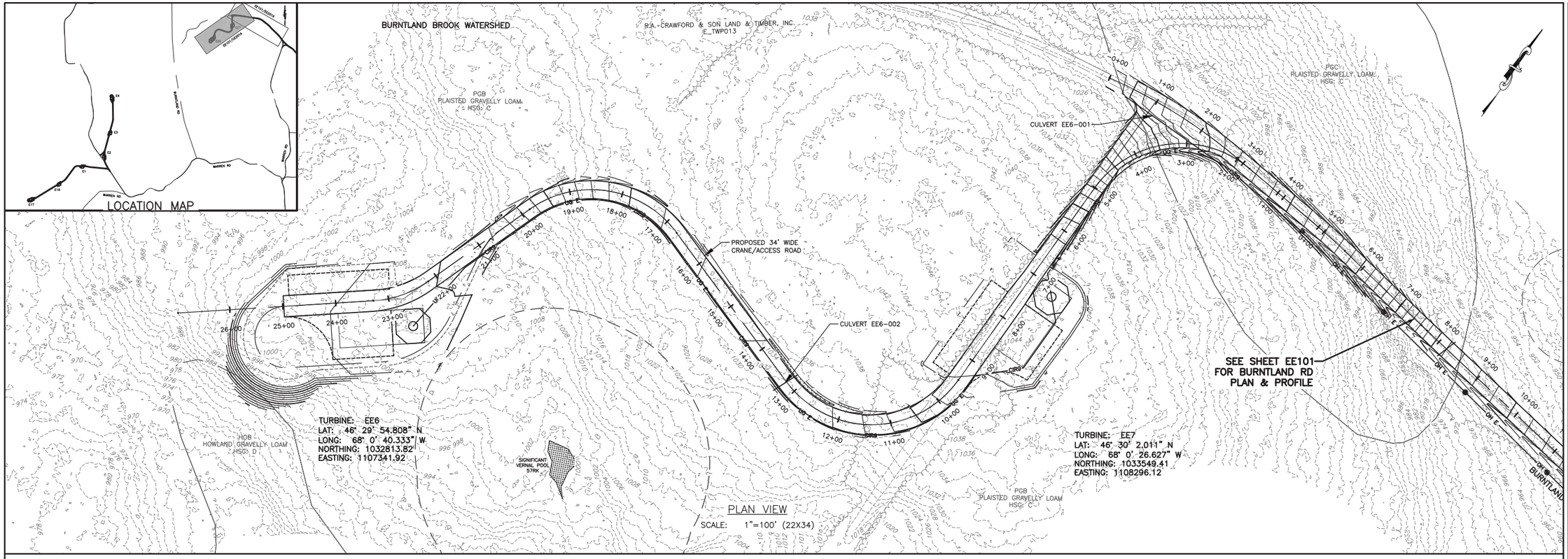
NUMBER NINE WIND FARM*

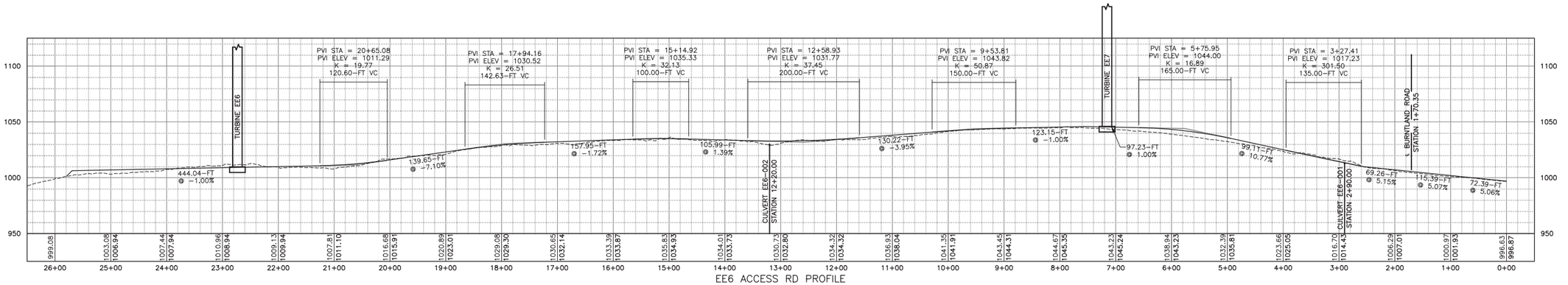
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BURNTLAND ROAD PLAN SHEET 1

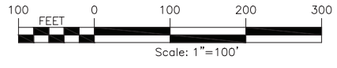
DRAWING NO.
EE101

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 EE101-EE102 Sheets.dwg
DATE/TIME: 7/8/2015 10:22:59 AM
USER: Steven Mellott





EE6 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
105 Camelot Drive, Fairfield, ME 04937
Phone: (207) 453-7310

NUMBER NINE WIND FARM™

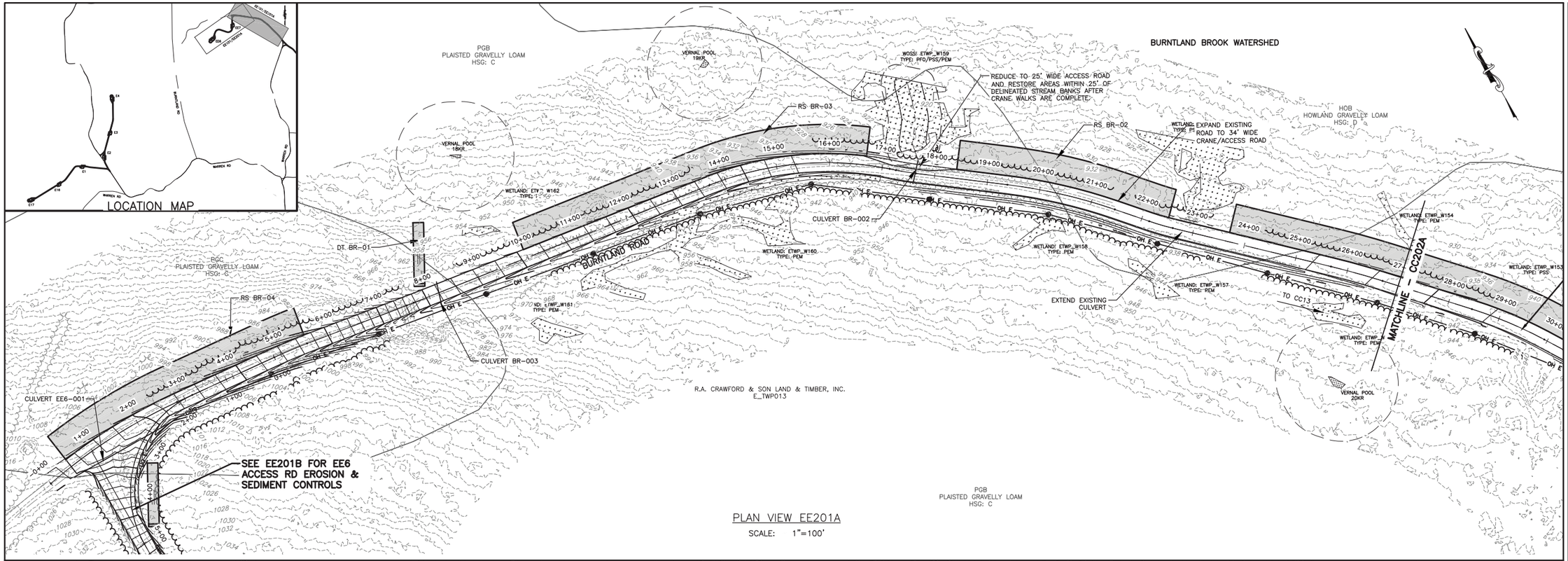
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG EE6 AND WTG EE7 ACCESS ROAD PLAN SHEET

DRAWING NO.
EE102

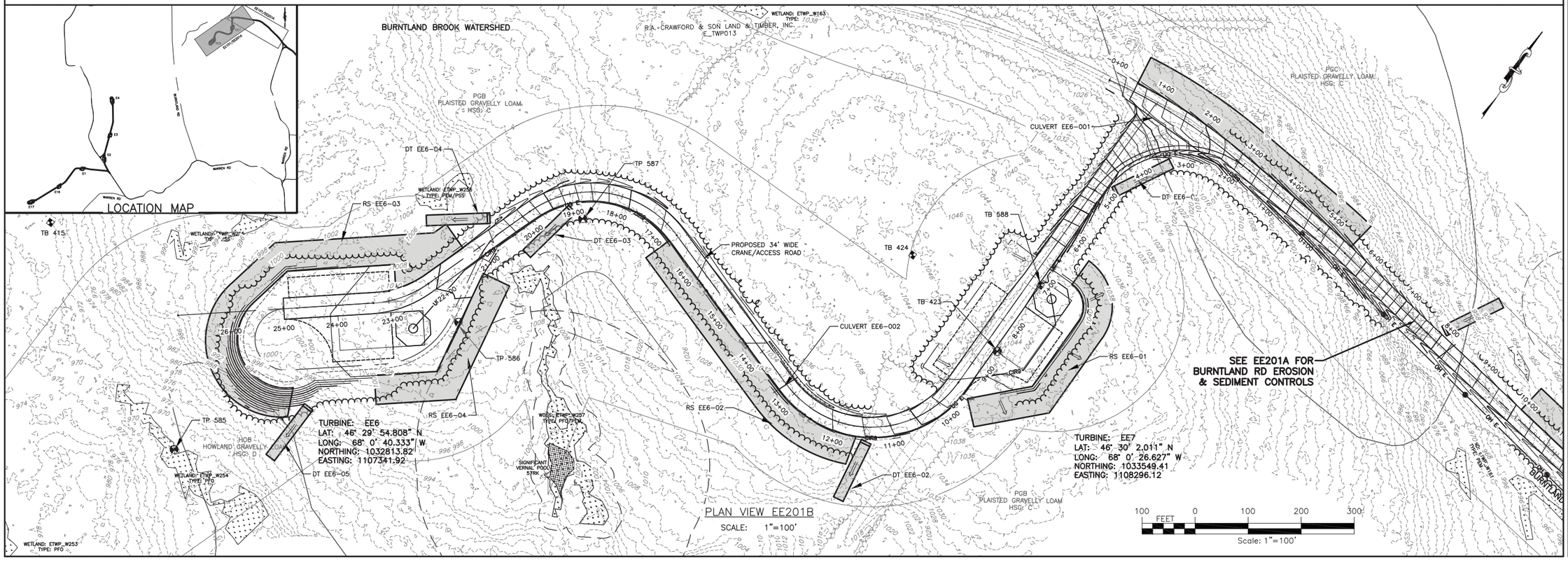
SHEET 155 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 EE101-EE102 Sheets.dwg
DATE/TIME: 7/8/2015 10:23:21 AM
USER: Steven Mellott



PLAN VIEW EE201A

SCALE: 1"=100'



PLAN VIEW EE201B

SCALE: 1"=100'

100 FEET 0 100 200 300

Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
100 Cabot Road, Suite 103, Orono, ME 04473
Phone: 207-866-4133

NUMBER NINE WIND FARM

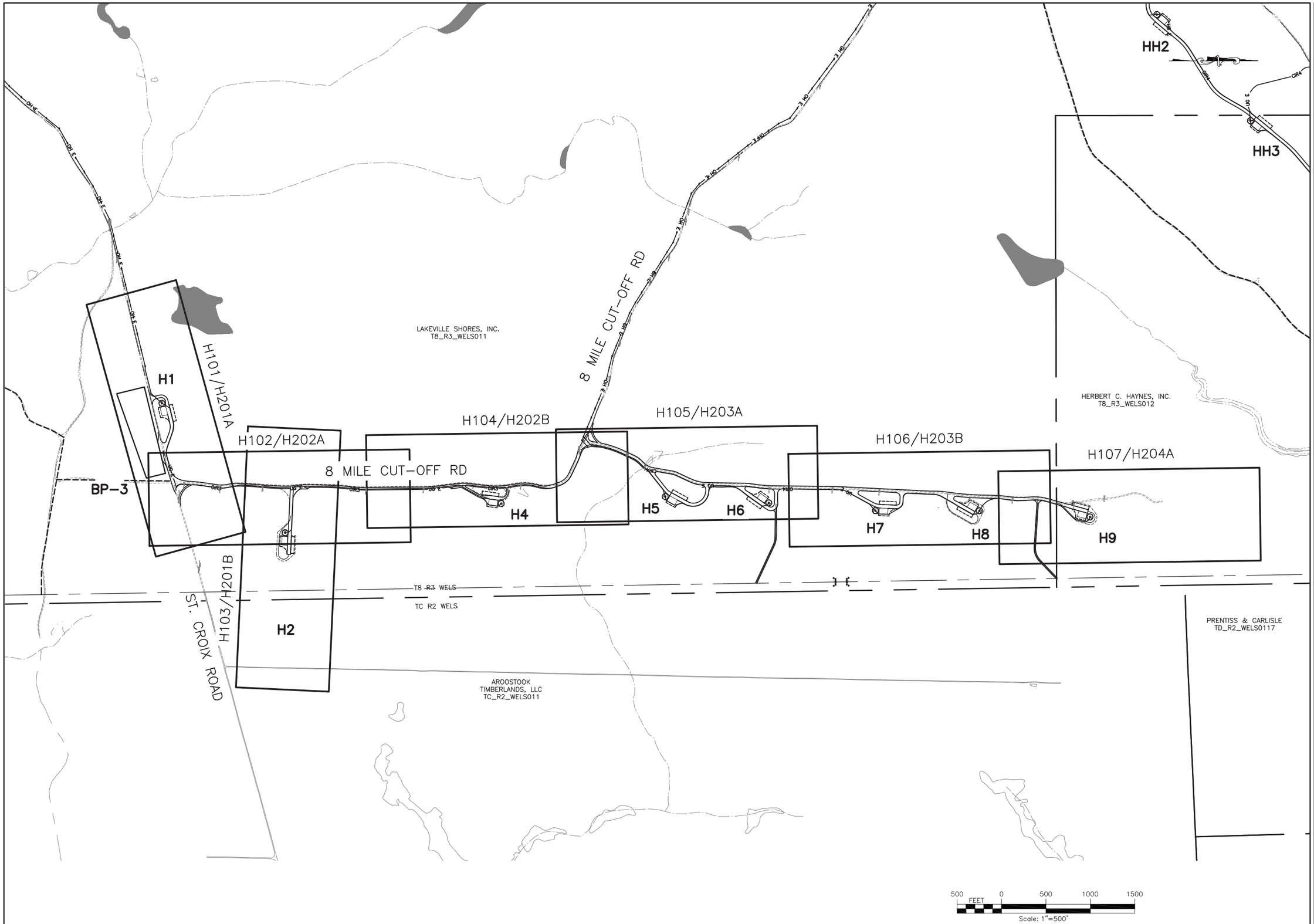
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG EE6, EE7 AND BURNTLAND RD EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
EE201

SHEET 156 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 EE201 Sheet.dwg
DATE/TIME: 7/8/2015 10:24:29 AM
USER: Steven Mellott



REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
SM/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Corinth, Suite 1 Dover-Foxcroft, ME 04423
Phone: 207-924-7870

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

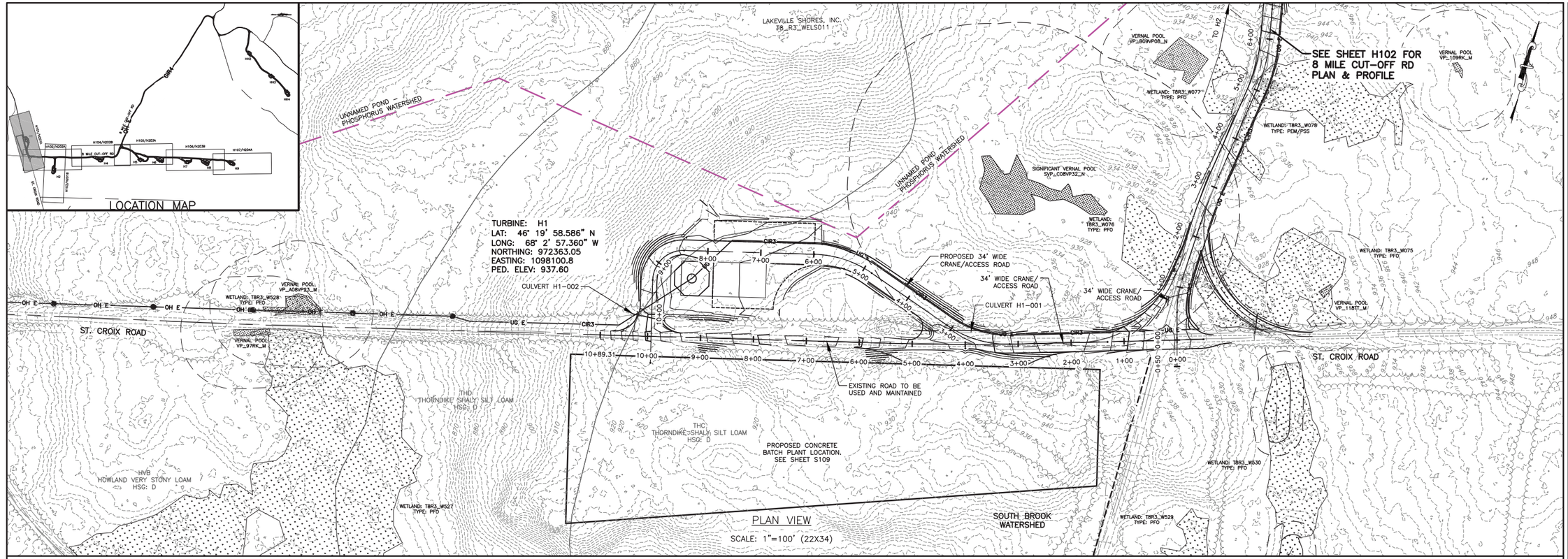
TITLE OF DRAWING
H-SHEETS INDEX PLAN

DRAWING NO.
H100

SHEET 157 OF 338

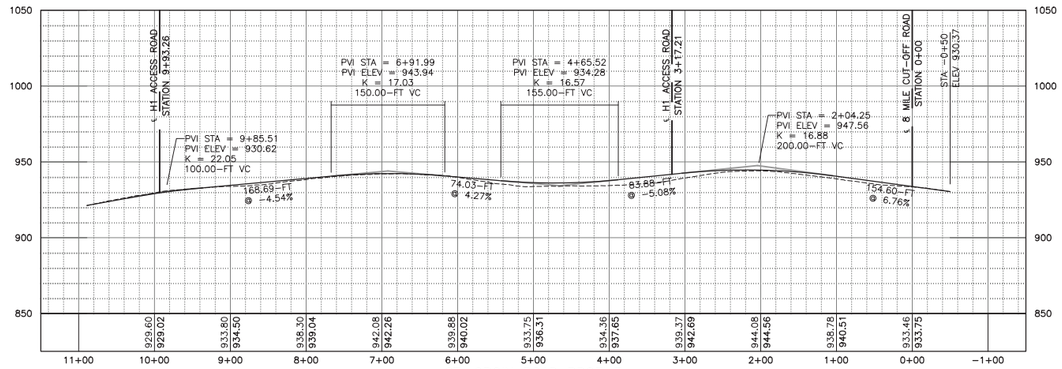
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 H STRING Index.dwg
DATE/TIME: 7/8/2015 10:38:00 AM
USER: Steven Mellott

LOCATION MAP

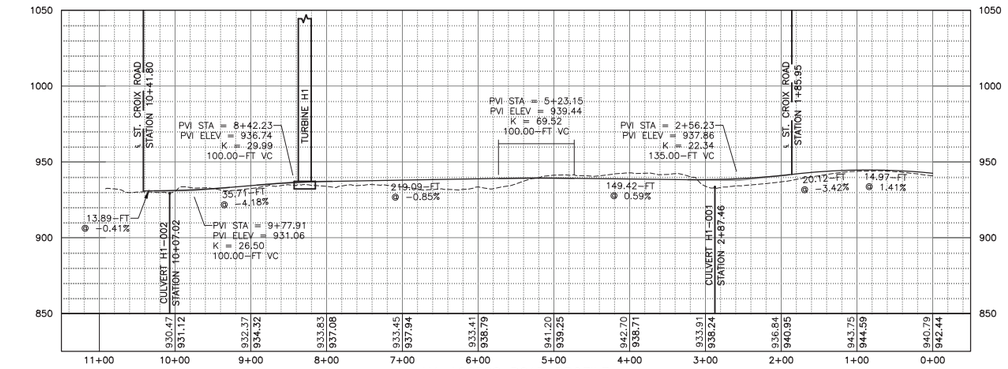


PLAN VIEW

SCALE: 1"=100' (22X34)



ST. CROIX ROAD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



H1 ACCESS ROAD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
SM/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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NUMBER NINE WIND FARM*

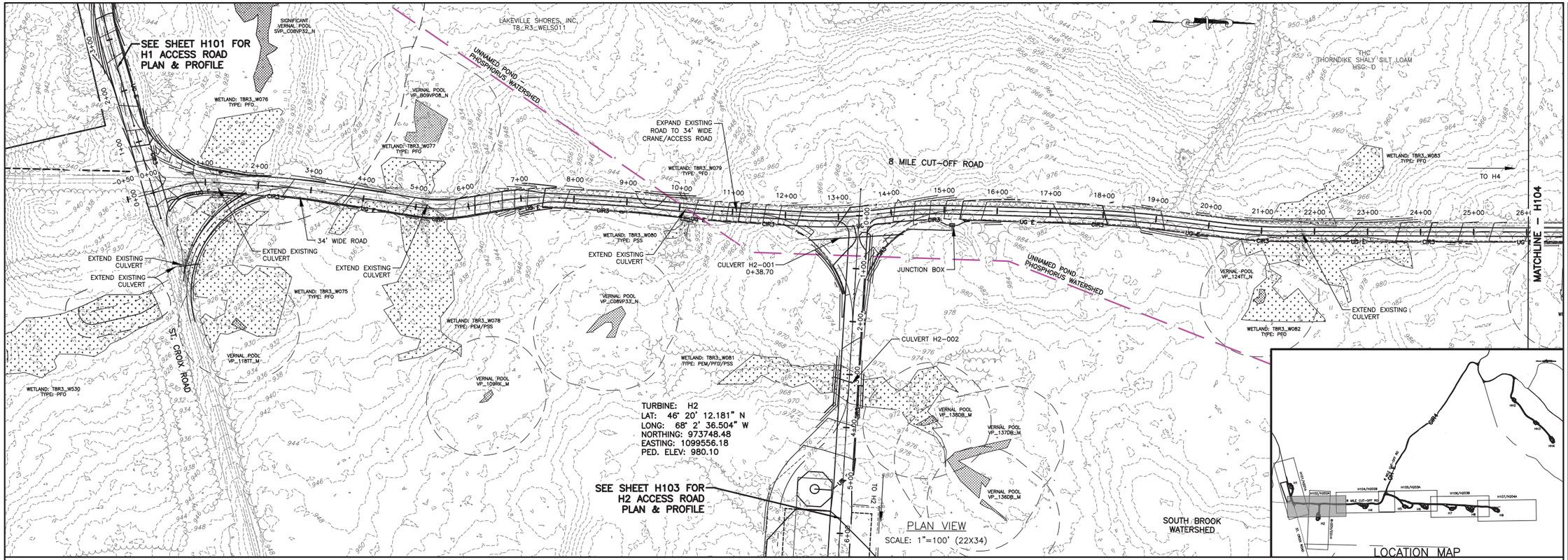
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

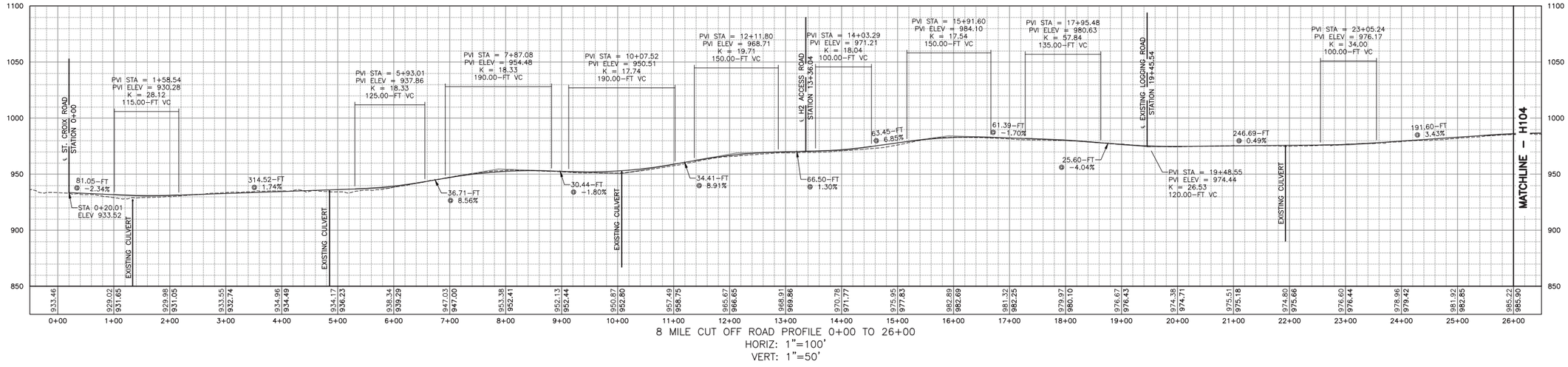
TITLE OF DRAWING
H1 ACCESS ROAD PLAN SHEET

DRAWING NO.
H101

SHEET 158 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 h sheets.dwg
DATE/TIME: 7/8/2015 10:41:36 AM
USER: Steven Mellott





8 MILE CUT OFF ROAD PROFILE 0+00 TO 26+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

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REV	DESCRIPTION	DATE	BY
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NUMBER NINE WIND FARM

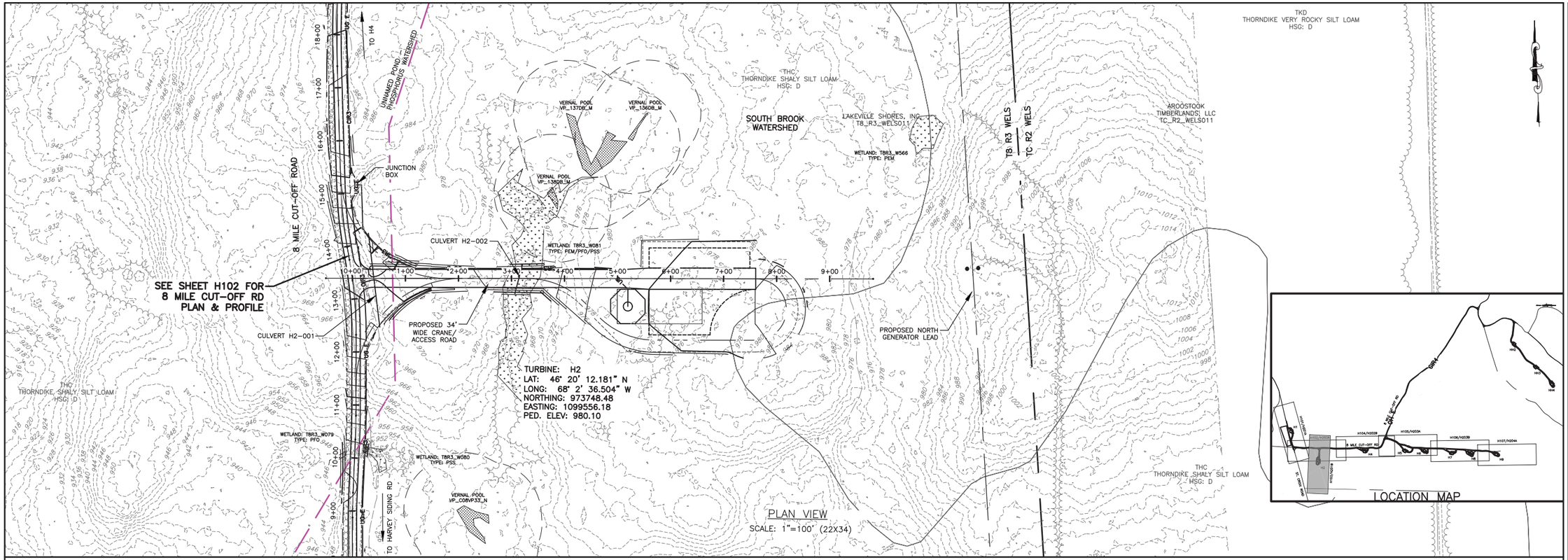
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

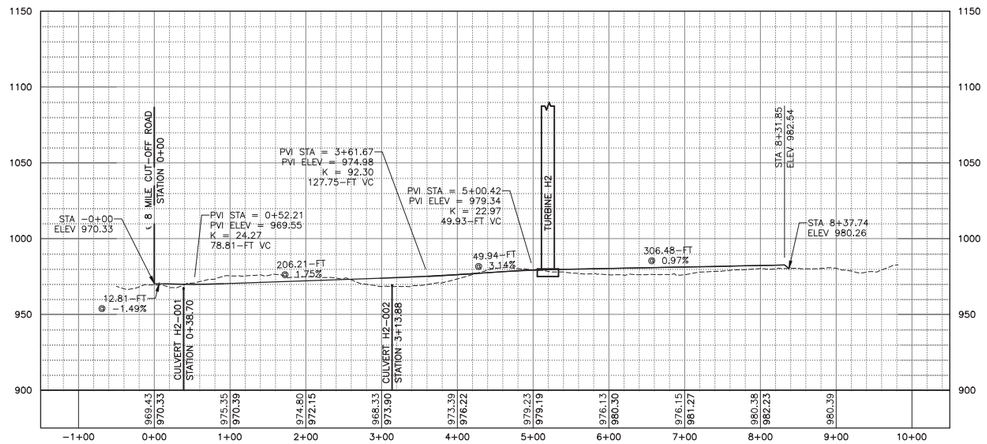
TITLE OF DRAWING
8 MILE CUT-OFF ROAD PLAN SHEET - 1

DRAWING NO.
H102

SHEET 159 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009_h sheets.dwg
DATE/TIME: 7/8/2015 10:42:41 AM
USER: Steven Mellott





100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
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NUMBER NINE WIND FARM

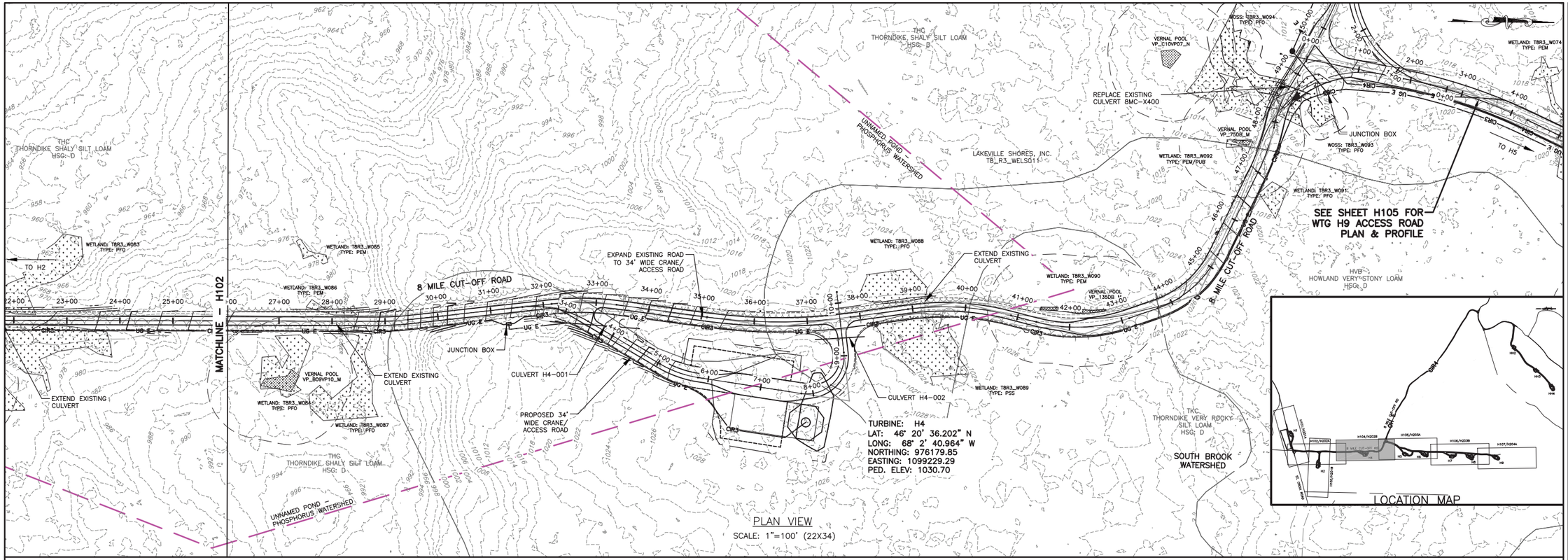
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

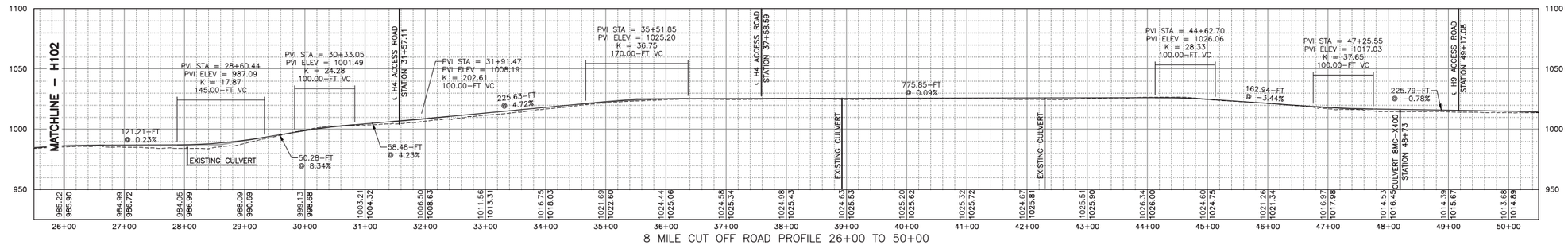
TITLE OF DRAWING
H2 ACCESS ROAD PLAN SHEET

DRAWING NO.
H103

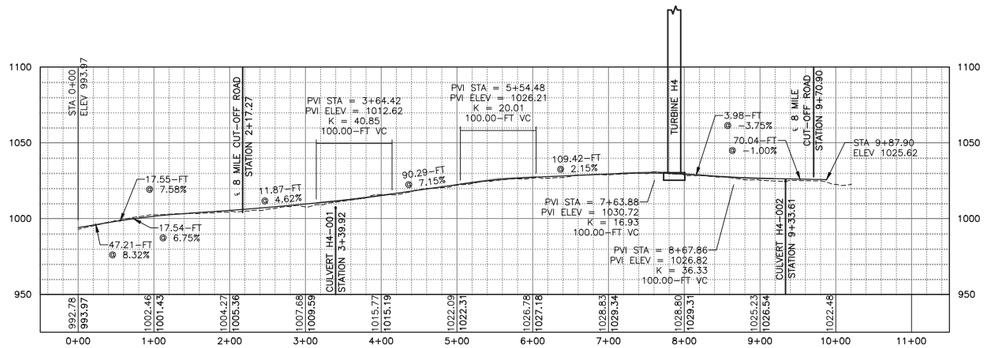
SHEET 160 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 h sheets.dwg
DATE/TIME: 7/8/2015 10:43:47 AM
USER: Steven Mellott





8 MILE CUT OFF ROAD PROFILE 26+00 TO 50+00
HORIZ: 1"=100'
VERT: 1"=50'



H4 ACCESS ROAD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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NUMBER NINE WIND FARM*

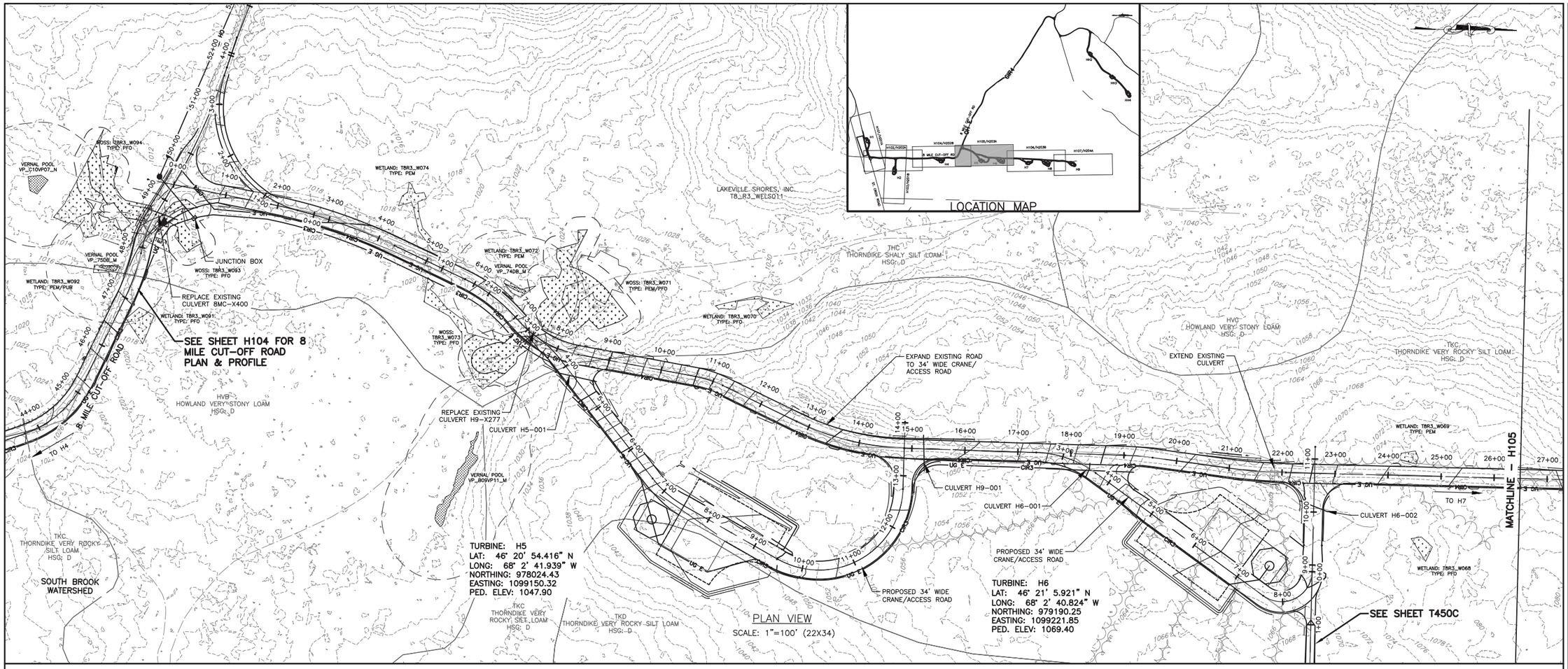
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

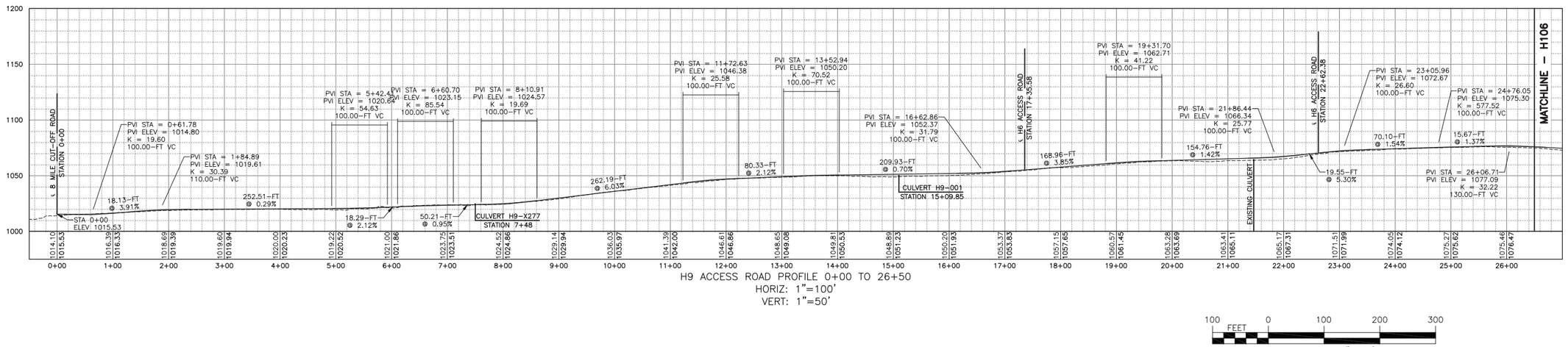
TITLE OF DRAWING
8 MILE CUT-OFF ROAD PLAN SHEET - 2

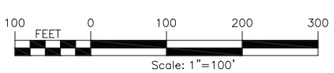
DRAWING NO.
H104

SHEET 161 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 h sheets.dwg
DATE/TIME: 7/8/2015 10:45:02 AM
USER: Steven Mellott







REV	DESCRIPTION	DATE	BY
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
H9 ACCESS ROAD PLAN SHEET - 1

DRAWING NO.
H105

SHEET 162 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 h sheets.dwg
DATE/TIME: 7/8/2015 10:46:19 AM
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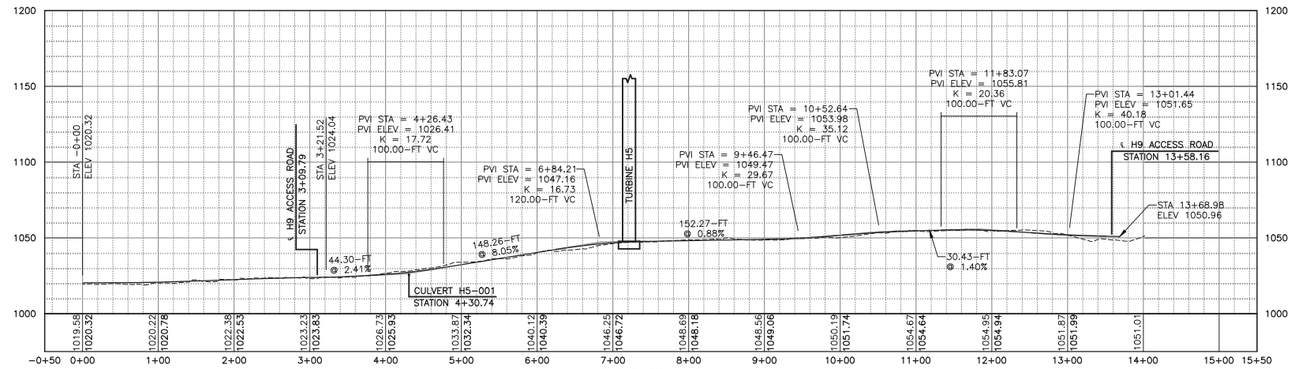
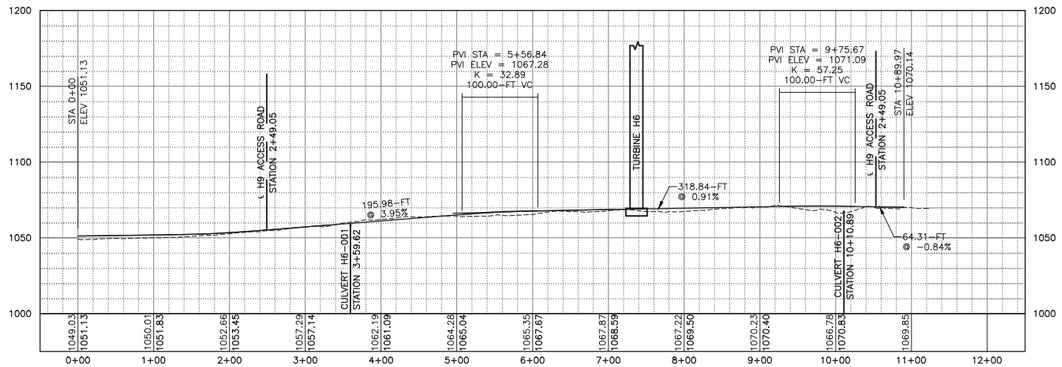


H5 ACCESS ROAD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



H6 ACCESS ROAD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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NUMBER NINE WIND FARM

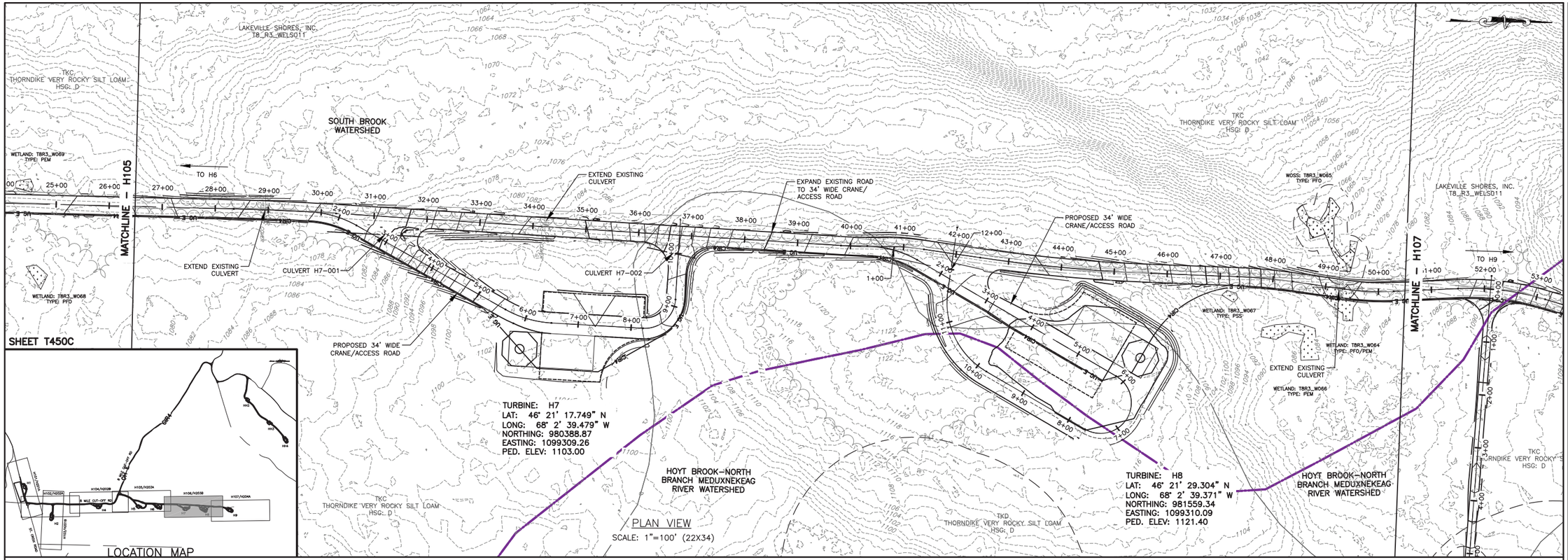
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

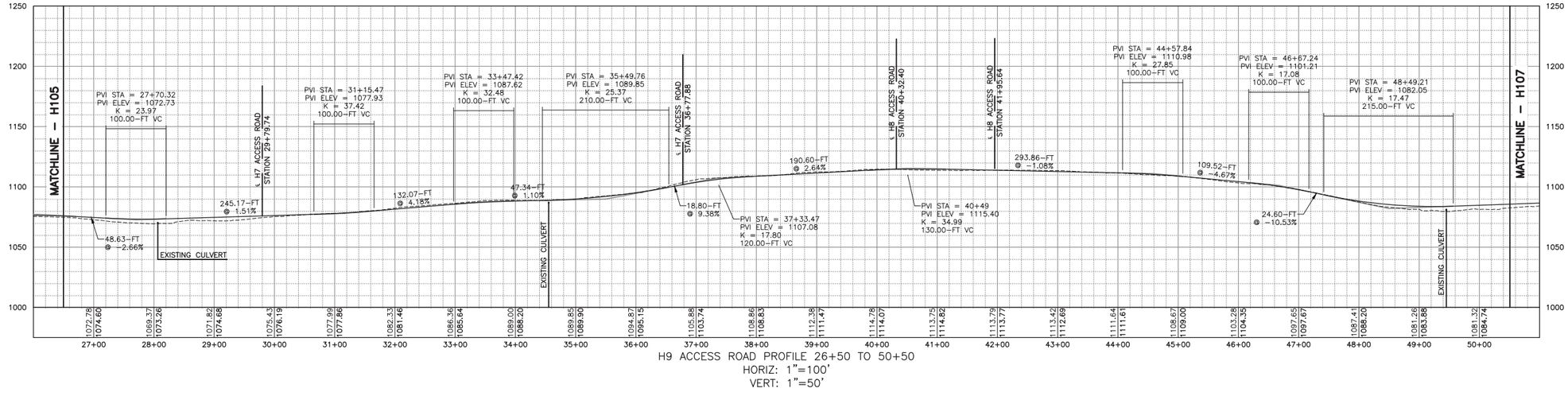
TITLE OF DRAWING
H5 AND H6 ACCESS ROAD PROFILES

DRAWING NO.
H105A

SHEET 163 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 h sheets.dwg
DATE/TIME: 7/8/2015 10:47:16 AM
USER: Steven Mellott





H9 ACCESS ROAD PROFILE 26+50 TO 50+50
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

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REV	DESCRIPTION	DATE	BY
1			
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140009
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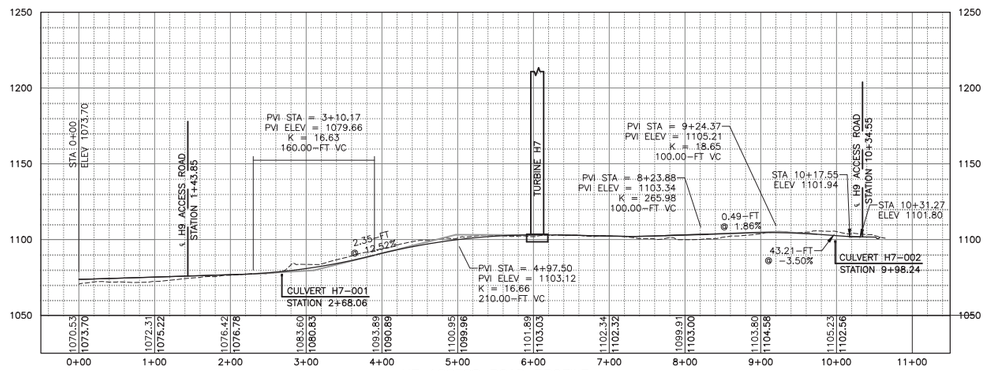
JULY 2015

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

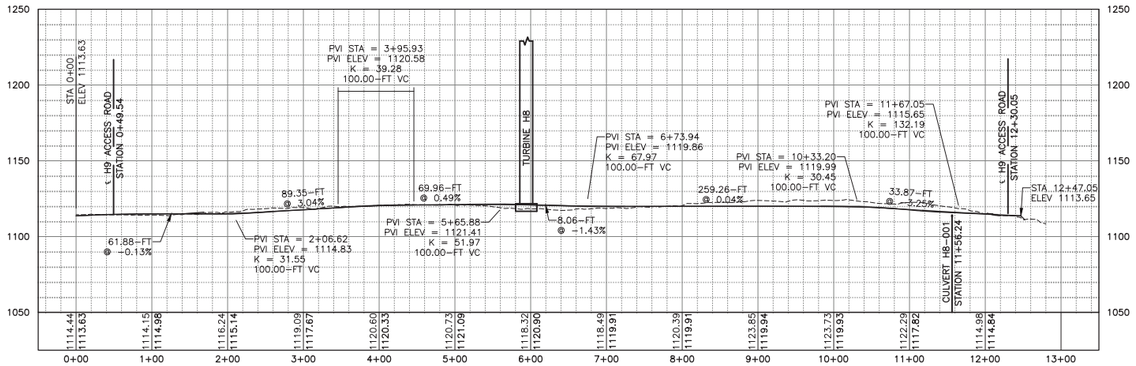
TITLE OF DRAWING
H9 ACCESS ROAD PLAN SHEET - 2

DRAWING NO.
H106

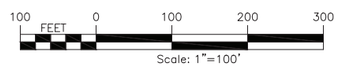
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 h sheets.dwg
DATE/TIME: 7/8/2015 10:48:20 AM
USER: Steven Mellott



H7 ACCESS ROAD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



H8 ACCESS ROAD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



Scale: 1"=100'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 h sheets.dwg
DATE/TIME: 7/8/2015 10:49:18 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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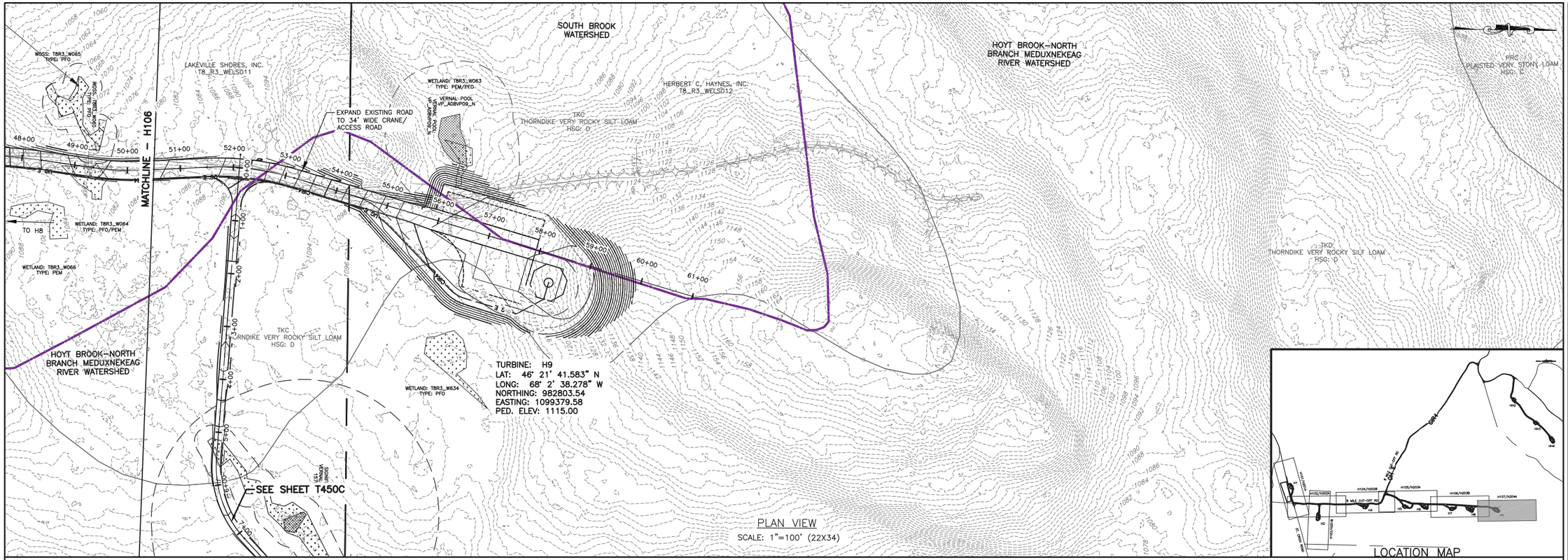
Phone: 565-334-1570

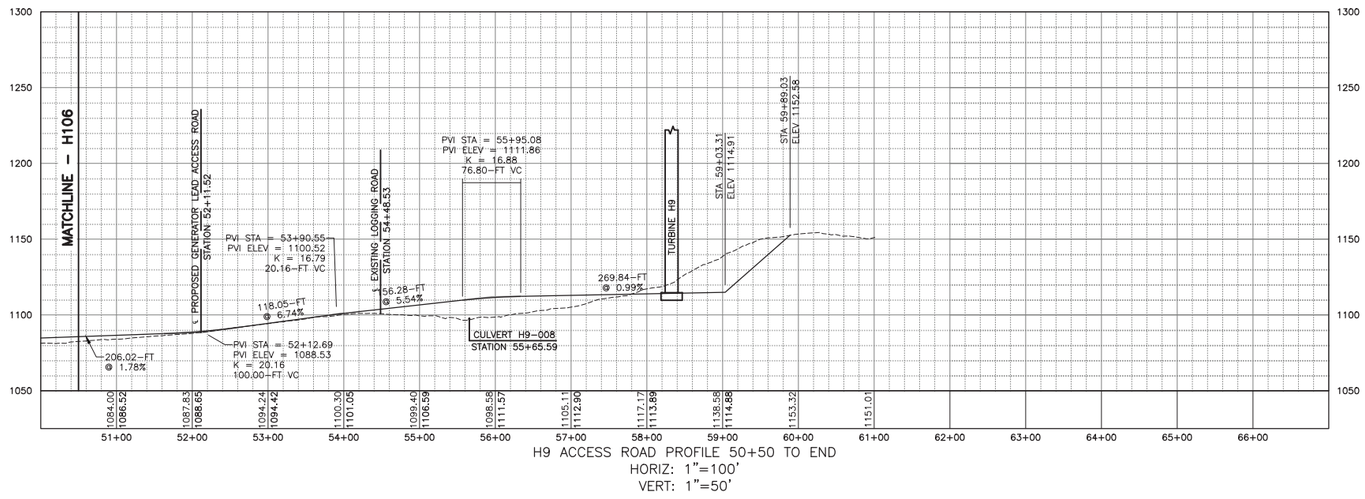
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
H7 AND H8 ACCESS ROAD PROFILES

DRAWING NO.
H106A





100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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135 Catamount Drive, Milton, NY 12803
Phone: 518.884.7170

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
H9 ACCESS ROAD PLAN SHEET - 3

DRAWING NO.
H107

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 h sheets.dwg
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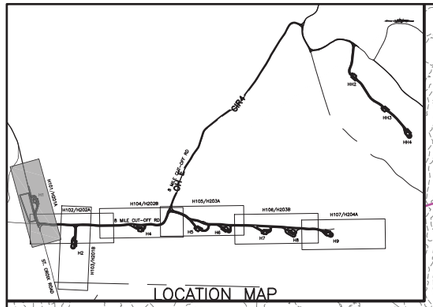
USER: Steven Mellott



LOCATION MAP

LAKEVILLE SHORES, INC.
T8_R3_WELS011

UNNAMED POND – PHOSPHORUS WATERSHED

SELECTIVE CLEARING BUFFER (TYP)

SEE H202 FOR WTG H4 AND 8 MILE CUT-OFF ROAD EROSION & SEDIMENT CONTROLS

VERNAL POOL VP_B09VP08_N

WETLAND: TBR3_W077 TYPE: PFO

VERNAL POOL VP_109RK_M

WETLAND: TBR3_W078 TYPE: PEM/PSS

SIGNIFICANT VERNAL POOL SVP_C08VP32_N

WETLAND: TBR3_W076 TYPE: PFO

TB 481

WETLAND: TBR3_W075 TYPE: PFO

VERNAL POOL VP_118TT_M

DT H1-01

TP 678

RS H1-01

TURBINE: H1
LAT: 46° 19' 58.586" N
LONG: 68° 2' 57.360" W
NORTHING: 972363.05
EASTING: 1098100.8
PED. ELEV: 937.60

PROPOSED TREE CLEARING LIMITS (TYP)

PROPOSED 34' WIDE CRANE/ACCESS ROAD

34' WIDE CRANE/ ACCESS ROAD

CULVERT H1-002

TP 679

CULVERT H1-001

VERNAL POOL VP_A08VP23_M

WETLAND: TBR3_W528 TYPE: PFO

ST. CROIX ROAD

VERNAL POOL VP_97RK_M

EXISTING ROAD TO BE USED AND MAINTAINED

THD
THORNDIKE SHALY SILT LOAM
HSG: D

THC
THORNDIKE SHALY SILT LOAM
HSG: D

PROPOSED CONCRETE BATCH PLANT LOCATION. SEE SHEET S109

HWB
HOWLAND VERY STONY LOAM
HSG: D

WETLAND: TBR3_W527 TYPE: PFO

PLAN VIEW H201A
SCALE: 1"=100' (22X34)

SOUTH BROOK WATERSHED

WETLAND: TBR3_W530 TYPE: PFO

WETLAND: TBR3_W529 TYPE: PFO

TKD
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

SELECTIVE CLEARING BUFFER (TYP)

JUNCTION BOX

8 MILE CUT-OFF ROAD

TO H4

UNNAMED POND – PHOSPHORUS WATERSHED

VERNAL POOL VP_137DE_M

VERNAL POOL VP_136DB_M

VERNAL POOL VP_136DB_M

TP 127

RS H2-01

PROPOSED TREE CLEARING LIMITS (TYP)

TP 232

CULVERT H2-002

WETLAND: TBR3_W083 TYPE: PEM/PFO/PSS

SEE H202 FOR 8 MILE CUT-OFF RD EROSION & SEDIMENT CONTROLS

PROPOSED 34' WIDE CRANE/ ACCESS ROAD

CULVERT H2-001

TURBINE: H2
LAT: 46° 20' 12.181" N
LONG: 68° 2' 36.504" W
NORTHING: 973748.48
EASTING: 1099556.18
PED. ELEV: 980.10

DT H2-01

PROPOSED NORTH GENERATOR LEAD

TP 683

THC
THORNDIKE SHALY SILT LOAM
HSG: D

WETLAND: TBR3_W078 TYPE: PFO

WETLAND: TBR3_W566 TYPE: PEM

LAKEVILLE SHORES, INC.
T8_R3_WELS011

AROOSTOOK TIMBERLANDS, LLC
TC_R2_WELS011

T8 R3 WELS

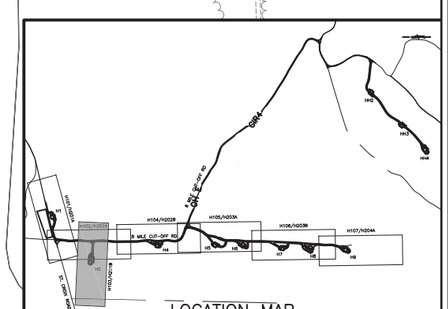
TC R2 WELS

WETLAND: TBR3_W080 TYPE: PSS

VERNAL POOL VP_C08VP33_N

TO HARVEY SIDING RD

PLAN VIEW H201B
SCALE: 1"=100' (22X34)



LOCATION MAP

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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1			

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
SM/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
100 Cummings Center, Suite 235N Beverly, MA 01915 (978) 922-1333

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG H1 AND WTG H2 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
H201

SHEET 167 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 H201-h204.dwg
DATE/TIME: 7/8/2015 10:53:36 AM
USER: Steven Mellott

SEE H201 FOR WTG H1 AND HARVEY SIDING ROAD EROSION & SEDIMENT CONTROLS

SEE H201 FOR WTG H2 ACCESS ROAD EROSION & SEDIMENT CONTROLS

SEE H203 FOR WTG H9 ACCESS ROAD EROSION & SEDIMENT CONTROLS

TURBINE: H2
LAT: 46° 20' 12.181" N
LONG: 68° 2' 36.504" W
NORTHING: 973748.48
EASTING: 1099556.18
PED. ELEV: 980.10

TURBINE: H4
LAT: 46° 20' 36.202" N
LONG: 68° 2' 40.964" W
NORTHING: 976179.85
EASTING: 1099229.29
PED. ELEV: 1030.70

PLAN VIEW H202A
SCALE: 1"=100' (22X34)

PLAN VIEW H202B
SCALE: 1"=100' (22X34)

LOCATION MAP

LOCATION MAP

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
1			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
SM/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOCIATES.COM
130 Gilead Road, Brunswick, ME 04011
Phone: 207-373-1170

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
8 MILE CUT-OFF ROAD EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
H202

SHEET 168 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 H201-h204.dwg
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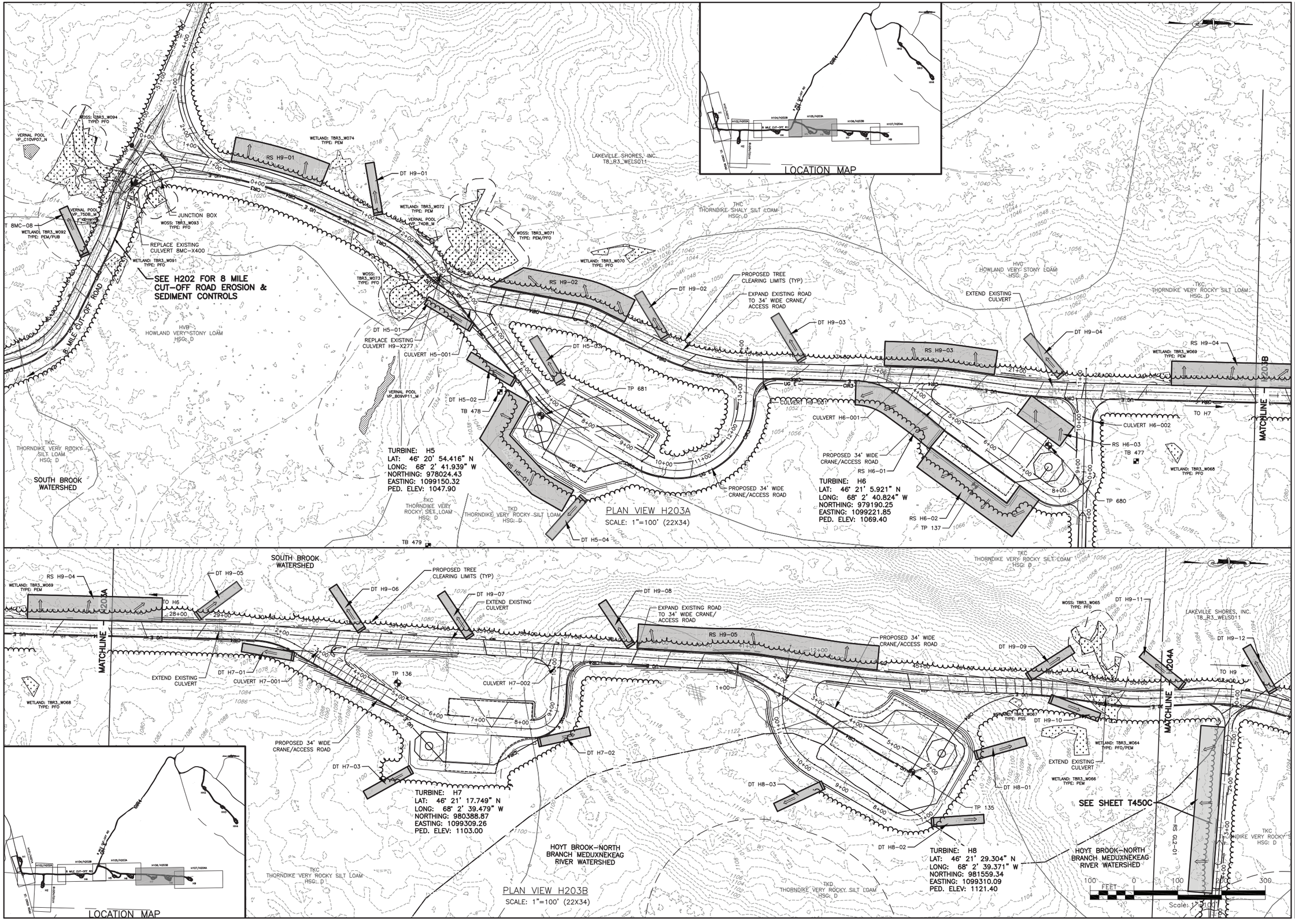
LOCATION MAP
PLAN VIEW H203A
SCALE: 1"=100' (22X34)
PLAN VIEW H203B
SCALE: 1"=100' (22X34)
SEE H202 FOR 8 MILE CUT-OFF ROAD EROSION & SEDIMENT CONTROLS
SEE SHEET T450C
MATCHLINE H203B
MATCHLINE H204A
TURBINE: H5
LAT: 46° 20' 54.416" N
LONG: 68° 2' 41.939" W
NORTHING: 978024.43
EASTING: 1099150.32
PED. ELEV: 1047.90
TURBINE: H6
LAT: 46° 21' 5.921" N
LONG: 68° 2' 40.824" W
NORTHING: 979190.25
EASTING: 1099221.85
PED. ELEV: 1069.40
TURBINE: H7
LAT: 46° 21' 17.749" N
LONG: 68° 2' 39.479" W
NORTHING: 980388.87
EASTING: 1099309.26
PED. ELEV: 1103.00
TURBINE: H8
LAT: 46° 21' 29.304" N
LONG: 68° 2' 39.371" W
NORTHING: 981559.34
EASTING: 1099310.09
PED. ELEV: 1121.40
SOUTH BROOK WATERSHED
HOYT BROOK-NORTH BRANCH MEDUXNEKEAG RIVER WATERSHED
8 MILE CUT-OFF ROAD
LAKEVILLE SHORES, INC. T8_R3_WELS011
HVB HOWLAND VERY STONY LOAM HSG: D
HVC HOWLAND VERY STONY LOAM HSG: D
THC THORNDIKE SHALY SILT LOAM HSG: D
TKC THORNDIKE VERY ROCKY SILT LOAM HSG: D
TKD THORNDIKE VERY ROCKY SILT LOAM HSG: D
JUNCTION BOX
REPLACE EXISTING CULVERT 8MC-X400
REPLACE EXISTING CULVERT H9-X277
CULVERT H5-001
CULVERT H6-001
CULVERT H6-002
CULVERT H7-001
CULVERT H7-002
EXTEND EXISTING CULVERT
PROPOSED TREE CLEARING LIMITS (TYP)
EXPAND EXISTING ROAD TO 34' WIDE CRANE/ ACCESS ROAD
PROPOSED 34' WIDE CRANE/ACCESS ROAD
TP 681
TP 680
TP 137
TP 136
TP 135
TB 478
TB 477
TB 479
TO H6
TO H7
TO H9
WETLAND: T8R3_W092 TYPE: PEM/PUB
WETLAND: T8R3_W091 TYPE: PFO
WETLAND: T8R3_W094 TYPE: PFO
WETLAND: T8R3_W074 TYPE: PEM
WETLAND: T8R3_W072 TYPE: PEM
WETLAND: T8R3_W070 TYPE: PFO
WETLAND: T8R3_W069 TYPE: PEM
WETLAND: T8R3_W068 TYPE: PFO
WETLAND: T8R3_W067 TYPE: PSS
WETLAND: T8R3_W066 TYPE: PEM
WETLAND: T8R3_W064 TYPE: PFO/PEM
WOSS: T8R3_W093 TYPE: PFO
WOSS: T8R3_W073 TYPE: PFO
WOSS: T8R3_W071 TYPE: PEM/PFO
WOSS: T8R3_W065 TYPE: PFO
VERNAL POOL VP_C10VP07_N
VERNAL POOL VP_75DB_M
VERNAL POOL VP_74DB_M
VERNAL POOL VP_B09VP11_M
DT H5-01
DT H5-02
DT H5-03
DT H5-04
DT H7-01
DT H7-02
DT H7-03
DT H8-01
DT H8-02
DT H8-03
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DT H9-09
DT H9-10
DT H9-11
DT H9-12
RS H5-01
RS H6-01
RS H6-02
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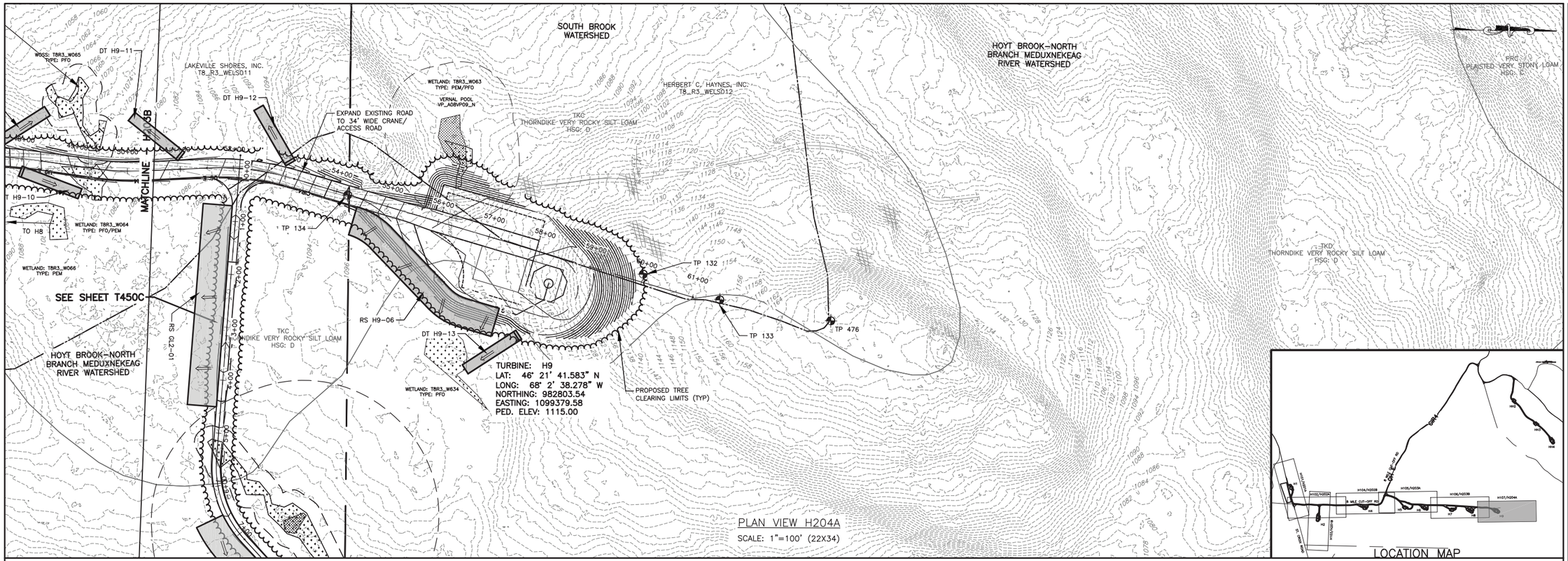
RS H9-20
RS


SOUTH BROOK WATERSHED
HOYT BROOK–NORTH BRANCH MEDUXNEKEAG RIVER WATERSHED
LAKEVILLE SHORES, INC. T8_R3_WELS011
HERBERT C. HAYNES, INC. T8_R3_WELS012
WOSS: TBR3_W065 TYPE: PFO
WETLAND: TBR3_W063 TYPE: PEM/PFO
VERNAL POOL VP_AOBVP09_N
WETLAND: TBR3_W064 TYPE: PFO/PEM
WETLAND: TBR3_W066 TYPE: PEM
WETLAND: TBR3_W634 TYPE: PFO
TKC THORNDIKE VERY ROCKY SILT LOAM HSG: D
PRC PLAISTED VERY STONY LOAM HSG: C
EXPAND EXISTING ROAD TO 34' WIDE CRANE/ ACCESS ROAD
MATCHLINE H203B
SEE SHEET T450C
TO H8
DT H9-10
DT H9-11
DT H9-12
DT H9-13
RS H9-06
RS G12-01
TP 132
TP 133
TP 134
TP 476
TURBINE: H9
LAT: 46° 21' 41.583" N
LONG: 68° 2' 38.278" W
NORTHING: 982803.54
EASTING: 1099379.58
PED. ELEV: 1115.00
PROPOSED TREE CLEARING LIMITS (TYP)
50+00
51+00
52+00
53+00
54+00
55+00
56+00
57+00
58+00
59+00
60+00
61+00
62+00
63+00
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80+00
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83+00
84+00
85+00
86+00
87+00
88+00
89+00

HH101/HH201A

HH2

HH3

HH102/HH201B

HH4

LAKEVILLE SHORES, INC.
T8_R3_WELS011

8 MILE CUT-OFF RD

H1

BP-3

8 MILE CUT-OFF RD

H4

H5

H6

H7

H8

H9

HERBERT C. HAYNES, INC.
T8_R3_WELS012

T8 R3 WELS

T8 R2 WELS

ST. CROIX ROAD

H2

AROOSTOOK
TIMBERLANDS, LLC
TC_R2_WELS011

PRENTISS & CARLISLE
TD_R2_WELS0117

500 FEET 0 500 1000 1500

Scale: 1"=500'

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DATE/TIME: 7/8/2015 11:46:28 AM
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REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

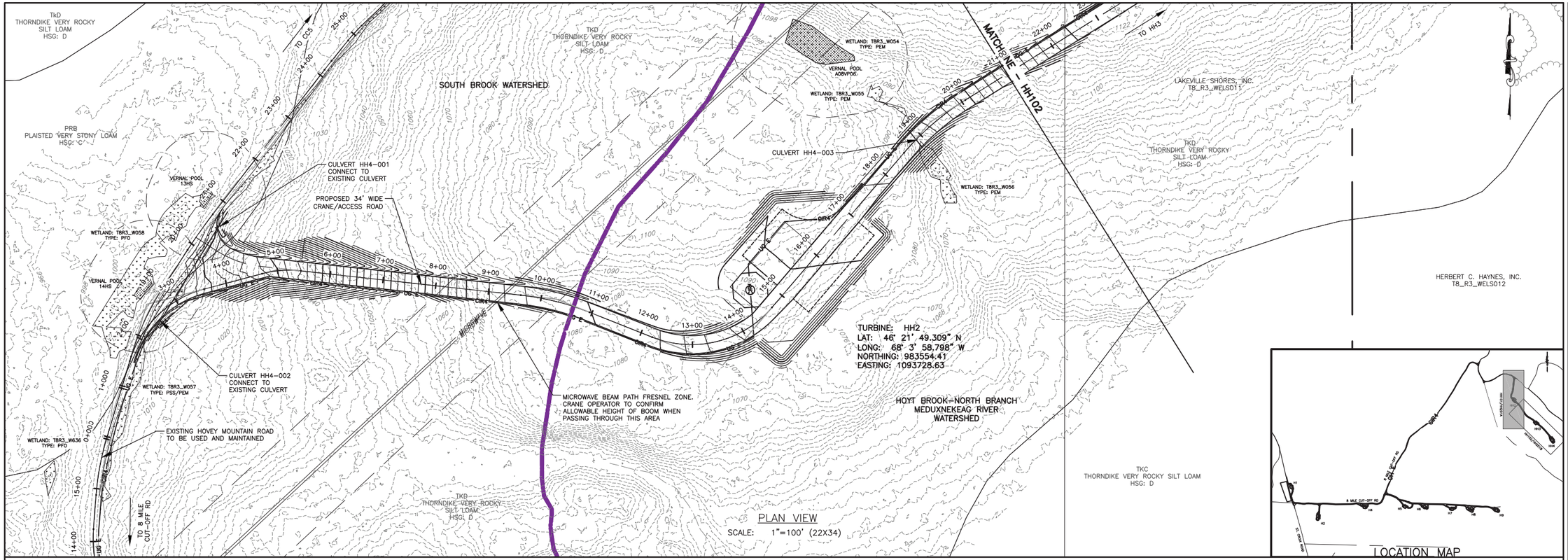
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
131 Castle Rock Road, Walpole, NH 03608
Phone: 603-756-3311 Fax: 603-756-3551

NUMBER NINE WIND FARM

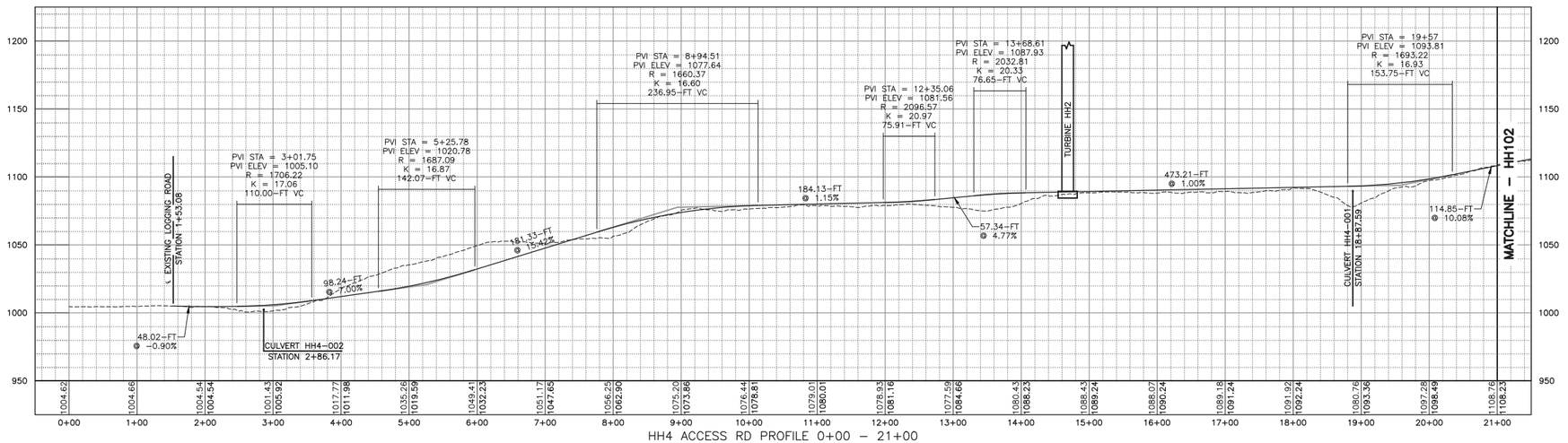
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
HH-SHEETS INDEX PLAN

DRAWING NO.
HH100



PLAN VIEW
SCALE: 1"=100' (22X34)



HH4 ACCESS RD PROFILE 0+00 – 21+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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DP/BA
SCALE
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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street, Bangor, ME 04401
Phone: 207.947.8135

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG HH2, WTG HH3, AND WTG HH4 ACCESS ROAD PLAN SHEET
1

DRAWING NO.
HH101

SHEET 172 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 HH101-HH102 Sheets.dwg
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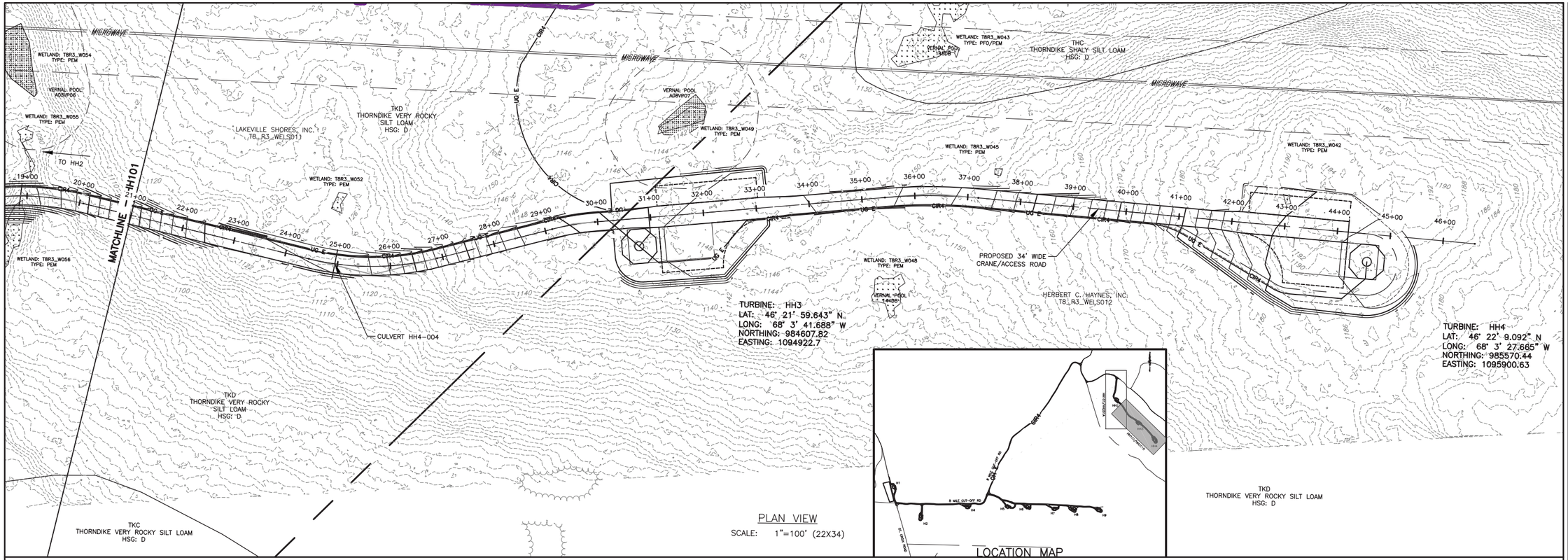
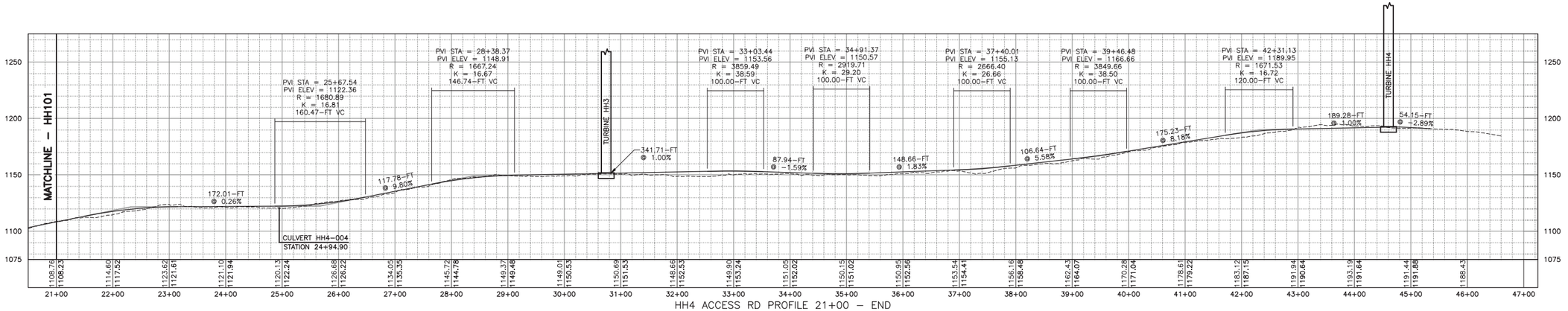


PLAN VIEW
SCALE: 1"=100' (22X34)



HH4 ACCESS RD PROFILE 21+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Center Drive, Orono, ME 04473
Phone: 207.314.1135

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG HH2, WTG HH3, AND WTG HH4 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
HH102

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DATE/TIME: 7/8/2015 11:48:02 AM
USER: Steven Mellott

TKD
THORNDIKE VERY ROCKY
SILT LOAM
HSG: D

PRB
PLAISTED VERY STONY LOAM
HSG: C

SOUTH BROOK WATERSHED

TO CC5

TO HH3

MATCHLINE – HH201B

LAKEVILLE SHORES, INC.
T8_R3_WELS011

HERBERT C. HAYNES, INC.
T8_R3_WELS012

TKC
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

TKD
THORNDIKE VERY ROCKY
SILT LOAM
HSG: D

CULVERT HH4–001
CONNECT TO
EXISTING CULVERT

PROPOSED 34' WIDE
CRANE/ACCESS ROAD

CULVERT HH4–002
CONNECT TO
EXISTING CULVERT

EXISTING HOVEY MOUNTAIN ROAD
TO BE USED AND MAINTAINED

CULVERT HH4–003

DT HH4–01

DT HH4–02

TP 74

TP 685

TP 686

TB 73

RS HH2–01

MICROWAVE BEAM PATH FRESNEL ZONE.
CRANE OPERATOR TO CONFIRM
ALLOWABLE HEIGHT OF BOOM WHEN
PASSING THROUGH THIS AREA

TURBINE: HH2
LAT: 46° 21' 49.309" N
LONG: 68° 3' 58.798" W
NORTHING: 983554.41
EASTING: 1093728.63

HOYT BROOK–NORTH BRANCH
MEDUXNEKEAG RIVER
WATERSHED

WETLAND: TBR3_W058
TYPE: PFO

WETLAND: TBR3_W057
TYPE: PSS/PEM

WETLAND: TBR3_W636
TYPE: PFO

WETLAND: TBR3_W054
TYPE: PEM

WETLAND: TBR3_W055
TYPE: PEM

WETLAND: TBR3_W056
TYPE: PEM

VERNAL POOL
13HS

VERNAL POOL
14HS

VERNAL POOL
AOBVP05

PLAN VIEW HH201A
SCALE: 1"=100' (22X34)

LOCATION MAP

MATCHLINE – H201A

TO HH2

TO 8 MILE
CUT–OFF RD

MICROWAVE

TP 77

TB 78

TP 79

TP 80

RS HH3–02

RS HH3–01

RS HH4–01

RS HH4–02

RS HH4–03

DT HH4–03

DT HH4–04

DT HH4–05

CULVERT HH4–004

WETLAND: TBR3_W052
TYPE: PEM

WETLAND: TBR3_W049
TYPE: PEM

WETLAND: TBR3_W048
TYPE: PEM

WETLAND: TBR3_W043
TYPE: PFO/PEM

WETLAND: TBR3_W042
TYPE: PEM

VERNAL POOL
15HS

VERNAL POOL
AOBVP07

VERNAL POOL
14HS

THC
THORNDIKE SHALY SILT LOAM
HSG: D

TURBINE: HH3
LAT: 46° 21' 59.643" N
LONG: 68° 3' 41.688" W
NORTHING: 984607.82
EASTING: 1094922.7

TURBINE: HH4
LAT: 46° 22' 9.092" N
LONG: 68° 3' 27.665" W
NORTHING: 985570.44
EASTING: 1095900.63

PLAN VIEW HH201B
SCALE: 1"=100' (22X34)

LOCATION MAP

100 0 100 200 300
FEET
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
105 Catherine Street, Ellsworth, ME 04605
Phone: 207-667-2334 FAX: 667-2335

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG HH2, WTG HH3 AND WTG HH4 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
HH201

SHEET 174 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 HH201 Sheet.dwg
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USER: Steven Mellott

J6
I13
I103/I202A
I101/I201A
I11
I102/I201B
I12
I16
I17
I15
I16
I104/I202B
I105/I203A
HARVEY SIDING ROAD
BLACK FRY ROAD
ST. CROIX ROAD
I107/I20
I106/I204A
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If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or surveyor shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585.334.1310

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
I-SHEETS INDEX PLAN SHEET 1

DRAWING NO.
I100A

I12
I11
I110/I206A
BLACK FRY RD
I109/I205B
I108/I205A
II11
J15
J14
ST. CROIX RD
ST. CROIX ROAD
I111/I207A
I8
I107/I204B
I7
LY-4
ST. CRO
II16
II17
I105/I203A
I6
I5
I106/I204A
500 FEET 0 500 1000 1500
Scale: 1"=500'

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I100B Index.dwg
DATE/TIME: 7/8/2015 11:59:35 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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6			
5			
4			
3			
2			
1			

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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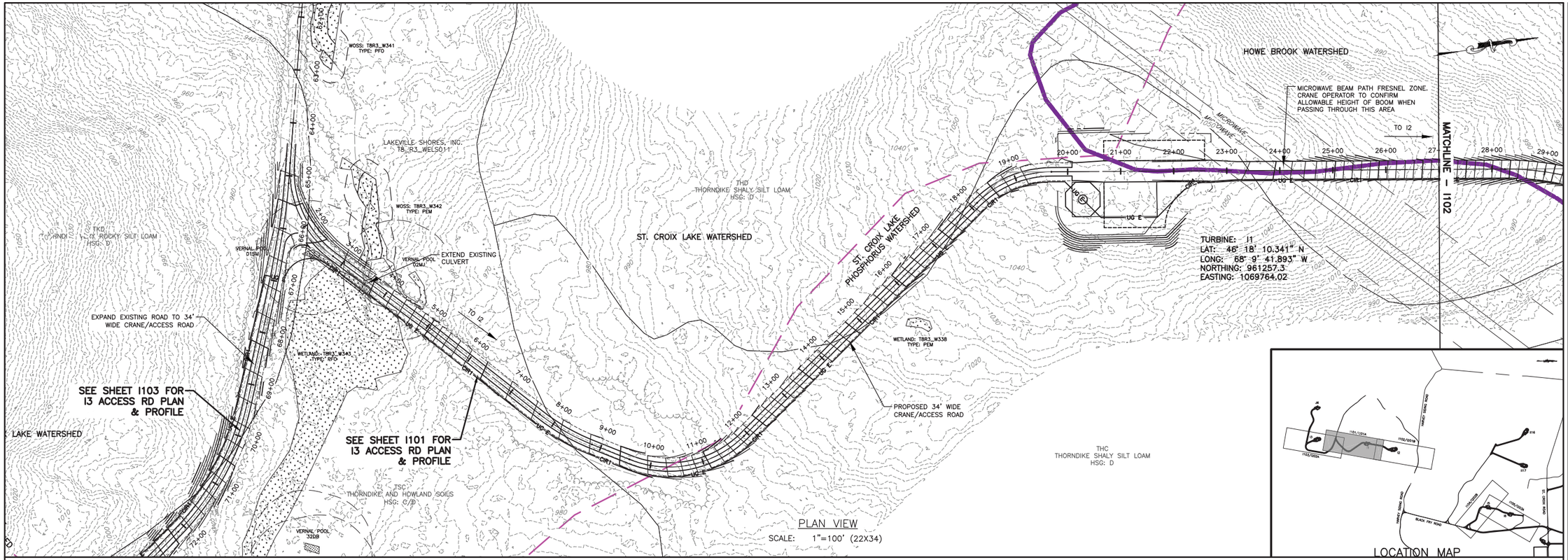
Phone: 800-244-1937

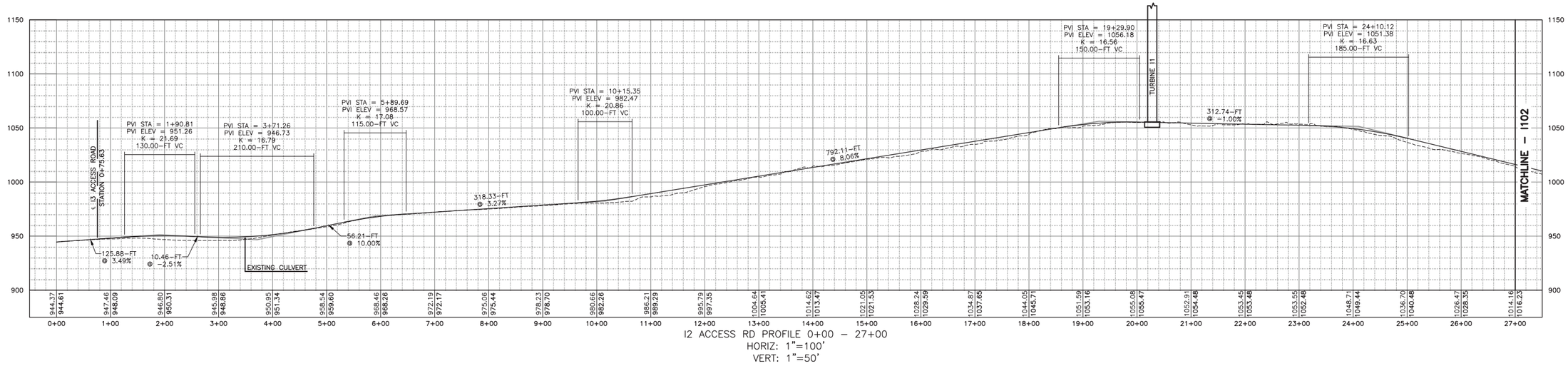
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
I-SHEETS INDEX PLAN SHEET 2

DRAWING NO.
I100B





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REV	DESCRIPTION	DATE	BY
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6			
5			
4			
3			
2			
1			

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FA PROJECT NO.
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PROJECT MANAGER
S. MELLOTT
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I1 AND WTG I2 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
I101

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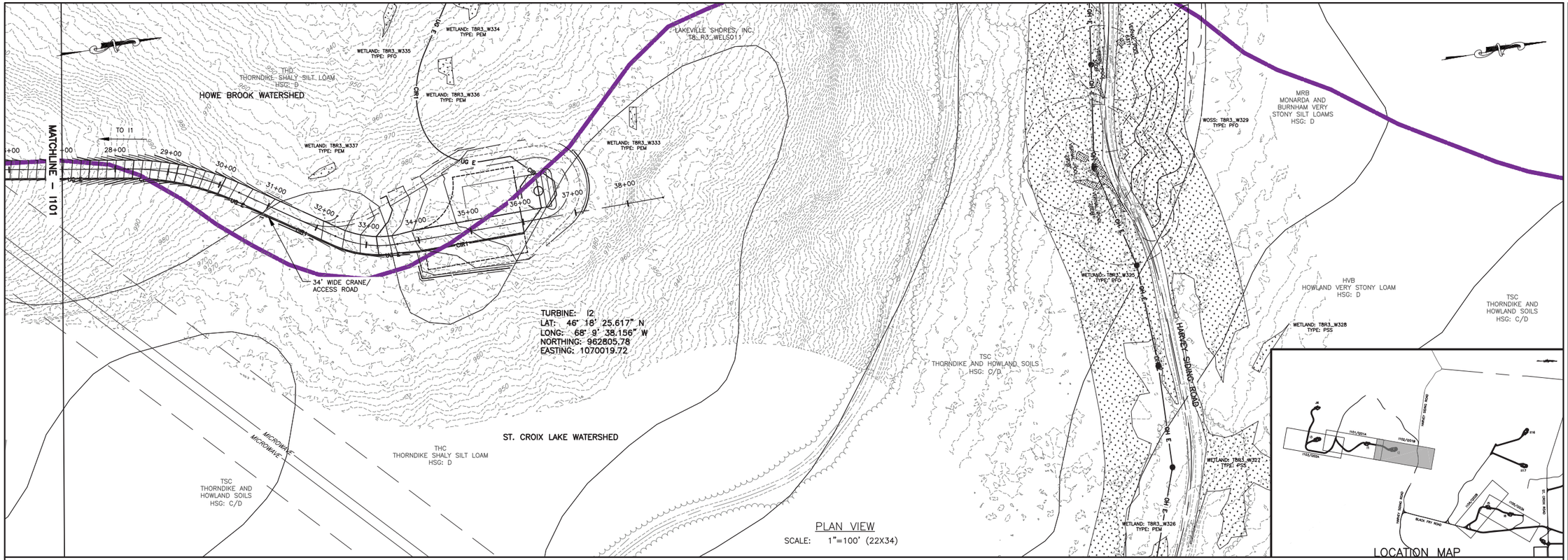
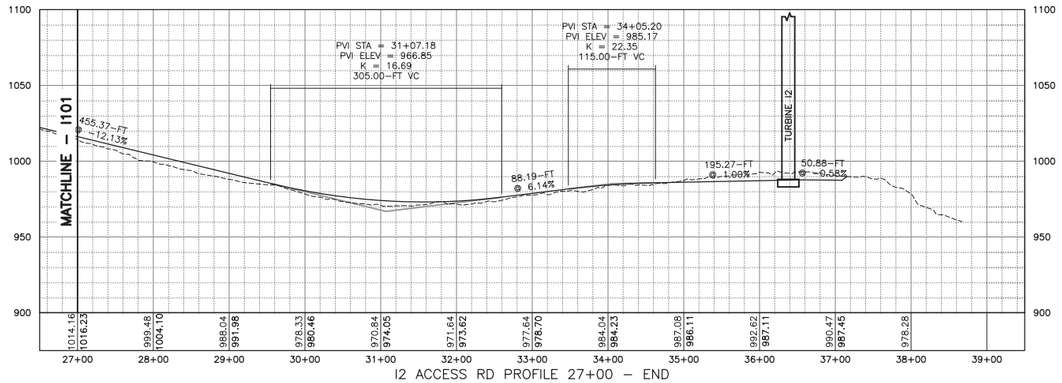
DATE/TIME: 7/8/2015 12:01:19 PM
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)



I2 ACCESS RD PROFILE 27+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

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Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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4			
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2			
1			

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commerce Way, Suite 100, Portland, ME 04103
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I1 AND WTG I2 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
I102

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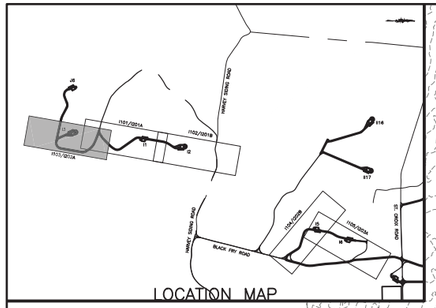
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I101/I105BIU
I101/I105BIV
I101/I105BIW
I101/I105BIX
I101/I105BIY
I101/I105BIZ
I101/I105BJA
I101/I105BJB
I101/I105BJC
I101/I105BJD
I101/I105BJE
I101/I105BJF
I101/I105BJG
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I101/I105BJI
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I101/I105BJK
I101/I105BJL
I101/I105BJM
I101/I105BJN
I101/I105BJO
I101/I105BJP
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I101/I105BJU
I101/I105BJV
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I101/I105BJZ
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I101/I105BPD
I101/I105BPE
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I101/I105BPG
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I101/I105BPI
I101/I105BPJ
I101/I105BPK
I101/I105BPL
I101/I105BPM
I101/I105BPN
I101/I105BPO
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I101/I105BPR
I101/I105BPS
I101/I105BPT
I101/I105BPU
I101/I105BPV
I101/I105BPW
I101/I105BPX
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I101/I105BQA
I101/I105BQB
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I101/I105BQE
I101/I105BQF
I101/I105BQG
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I101/I105BQI
I101/I105BQJ
I101/I105BQK
I101/I105BQL
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I101/I105BQN
I101/I105BQO
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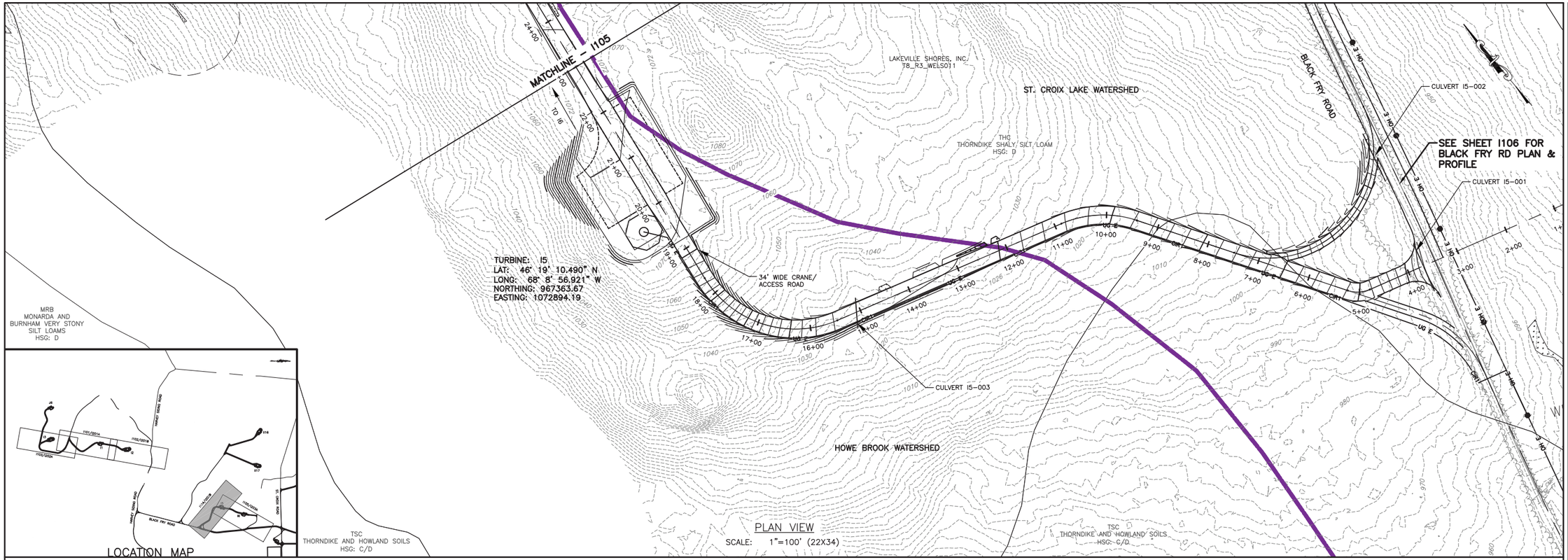
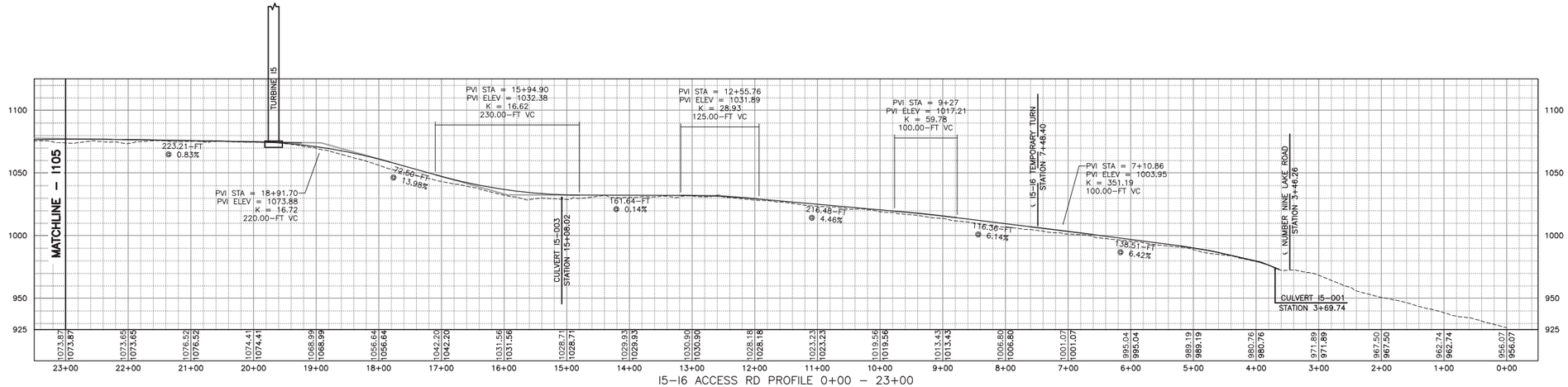
I101/I105BRK
I101/I105BRL



PLAN VIEW
SCALE: 1"=100' (22X34)



I5–I6 ACCESS RD PROFILE 0+00 – 23+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
6			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Cabot Street, Suite 310, Beverly, MA 01915
Phone: (978) 922-1170

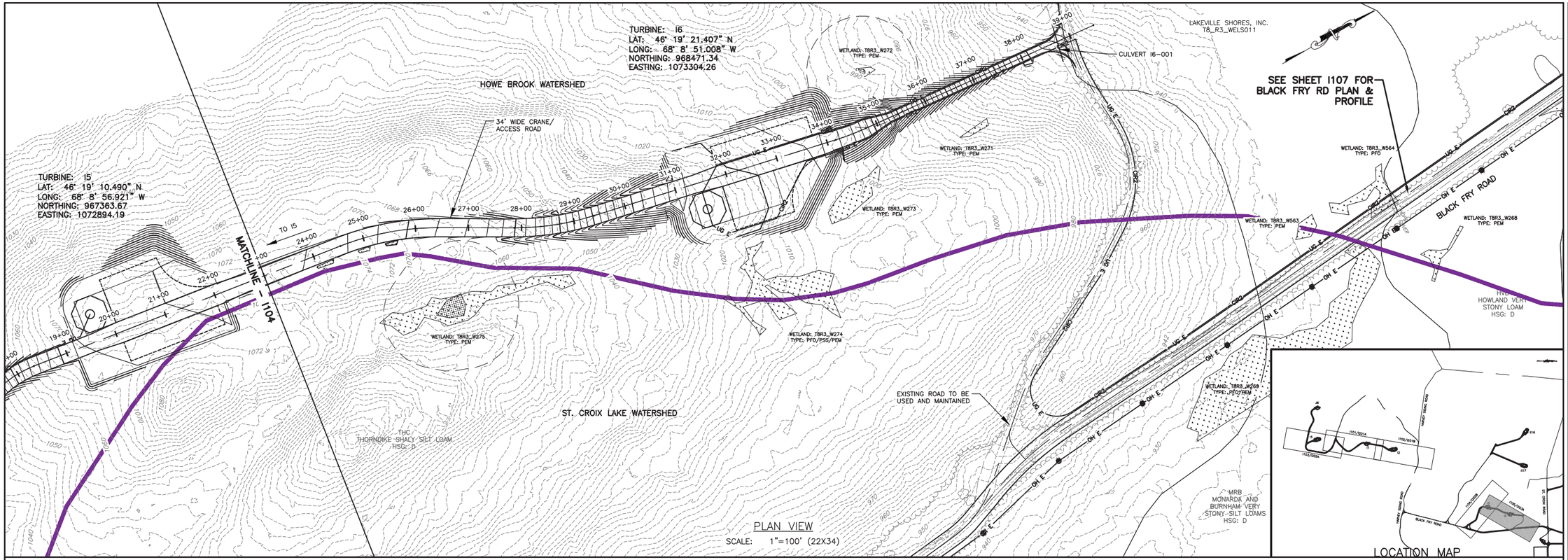
NUMBER NINE WIND FARM*

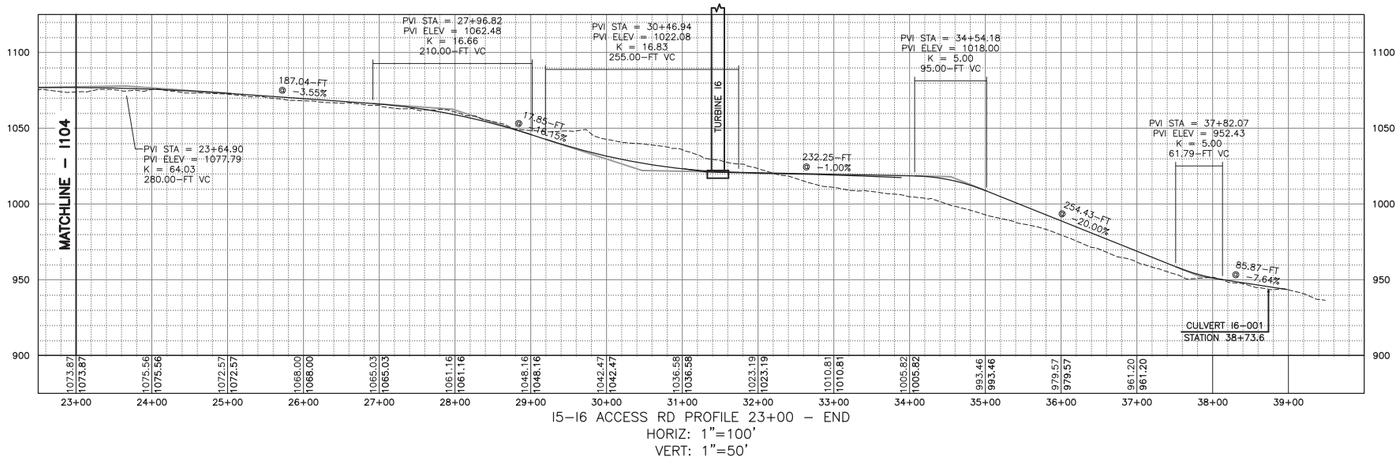
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I5 AND WTG I6 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
I104

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I101-I105 Sheets.dwg
DATE/TIME: 7/8/2015 12:03:20 PM
USER: Steven Mellott





100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Phone: 585.334.1310

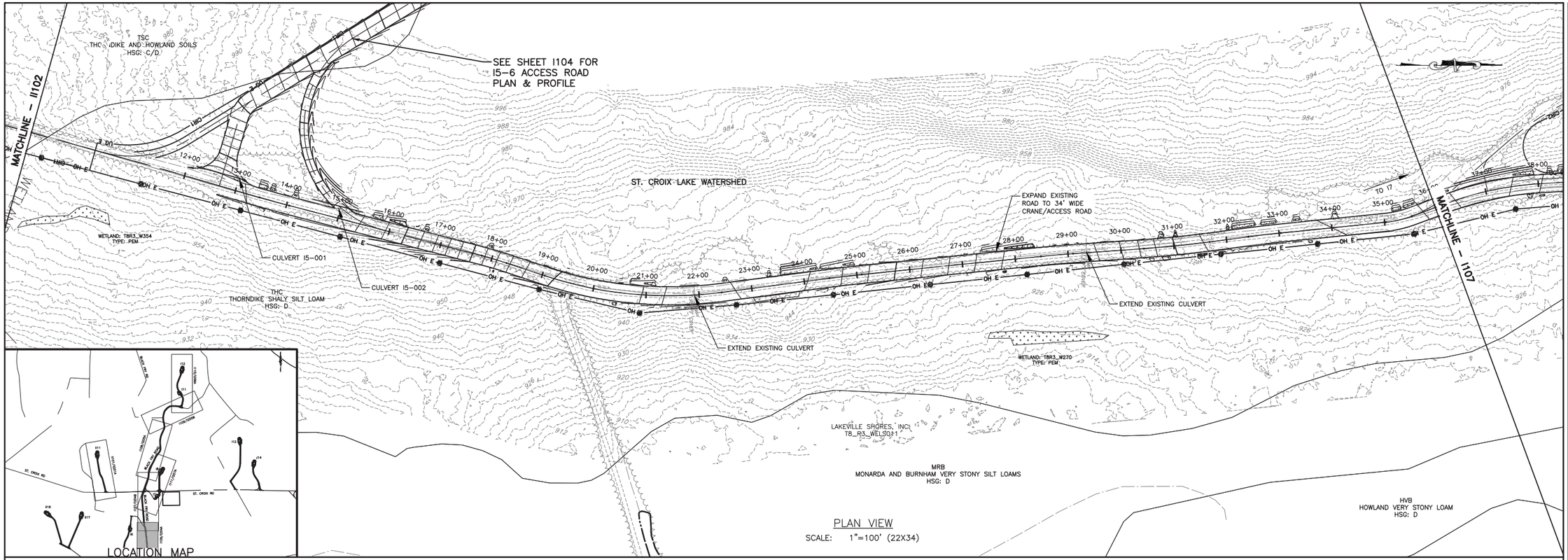
NUMBER NINE WIND FARM*

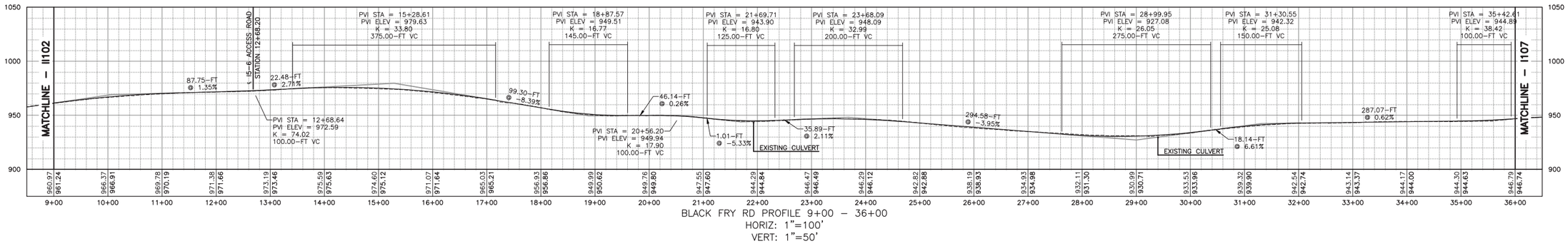
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I5 AND WTG I6 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
I105

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I101-I105 Sheets.dwg
DATE/TIME: 7/8/2015 12:03:58 PM
USER: Steven Mellott





BLACK FRY RD PROFILE 9+00 – 36+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the item shall bear the seal and the notation, the name, his/her seal and his/her signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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135 Commerce Way Suite 102, Portland, ME 04103
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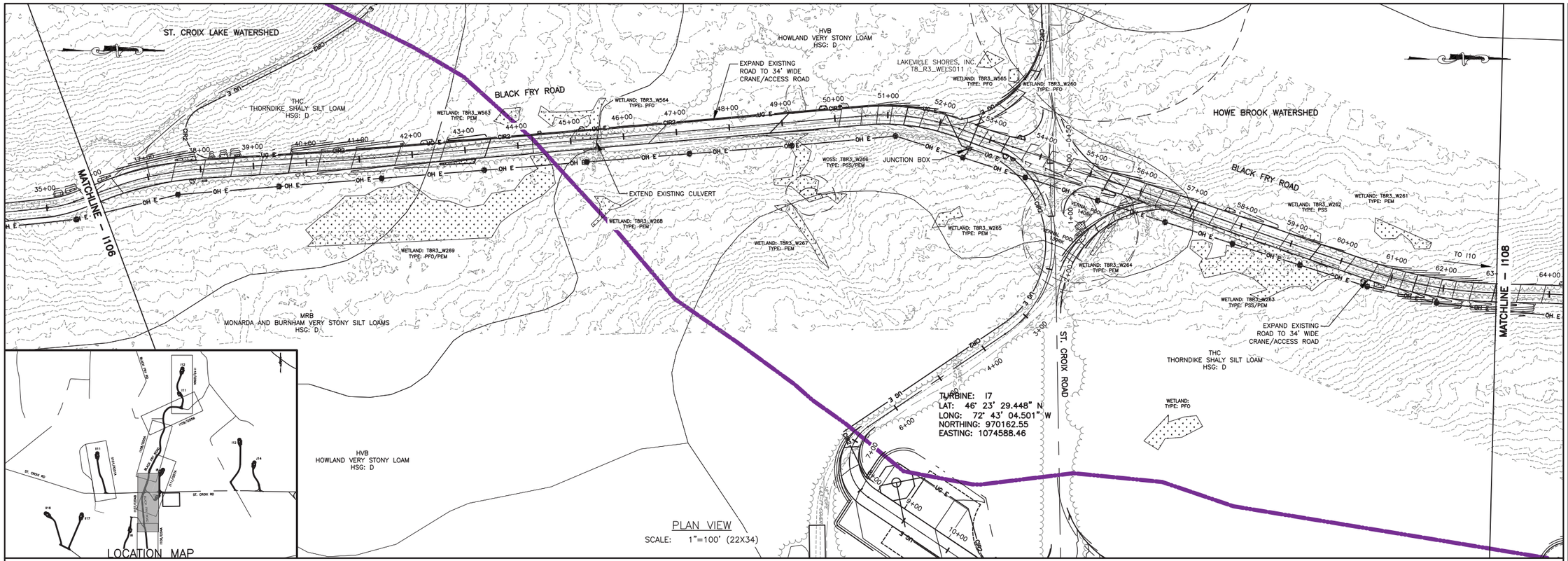
NUMBER NINE WIND FARM

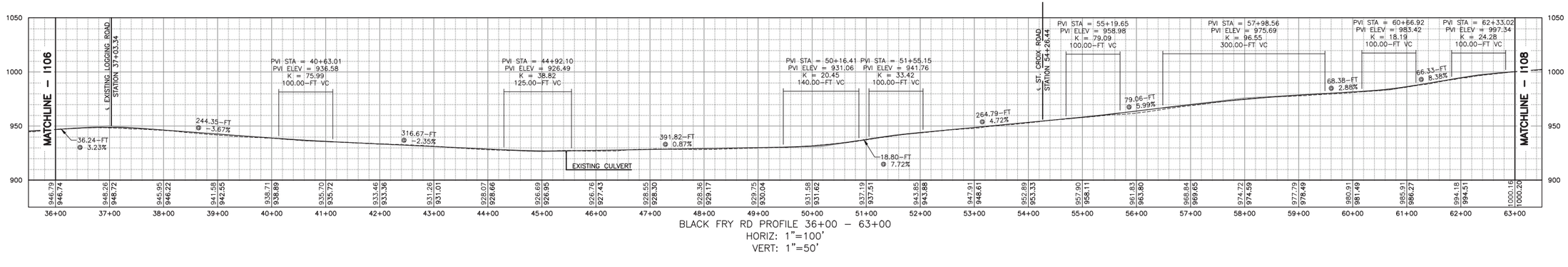
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BLACK FRY ROAD PLAN SHEET 1

DRAWING NO.
I106

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I106-I112 Sheets.dwg
DATE/TIME: 7/8/2015 12:07:22 PM
USER: Steven Mellott





100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
1			
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New York State Education Law Section 7209 states that it is a violation of this law for any person, unless acting under the direction of a licensed engineer, surveyor, to alter in any way, an item bearing the seal of an engineer, land surveyor or landscape architect. If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the alterer shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
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AS SHOWN
ISSUE DATE
JULY 2015

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Rochester, NY 14623 (585) 334-1310

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

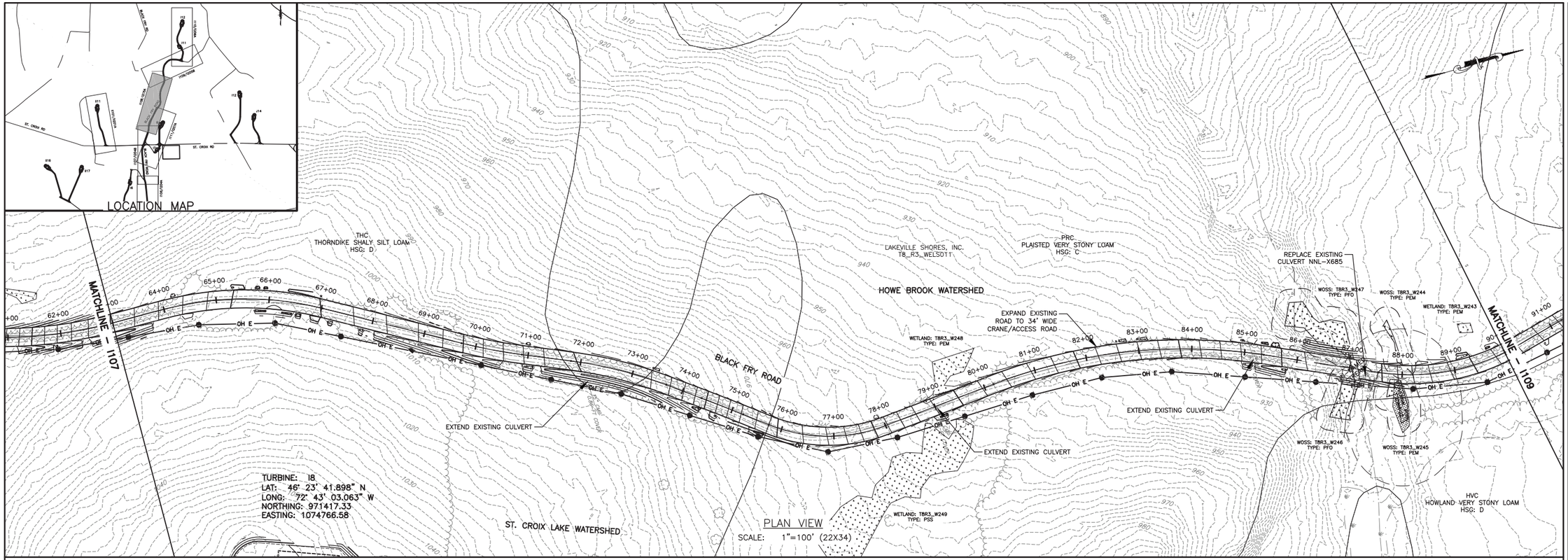
TITLE OF DRAWING
BLACK FRY ROAD PLAN SHEET 2

DRAWING NO.
I107

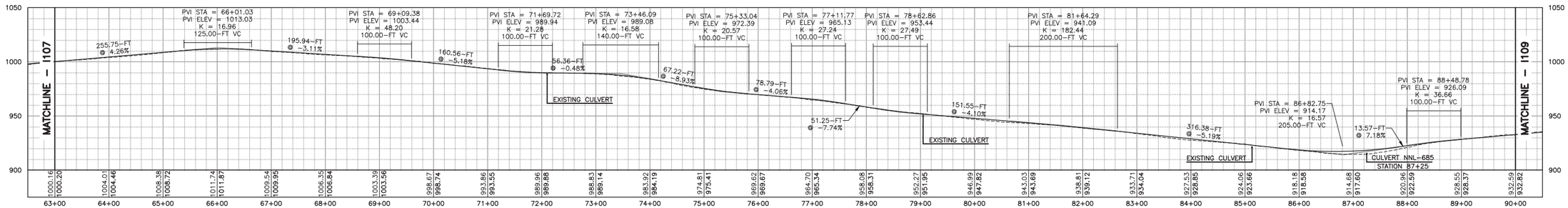
SHEET 183 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I106-I112 Sheets.dwg
DATE/TIME: 7/8/2015 12:08:06 PM
USER: Steven Mellott

LOCATION MAP



PLAN VIEW
SCALE: 1"=100' (22X34)



BLACK FRY RD PROFILE 63+00 – 90+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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New York Water Exploration Law Section 7209 states that it is a violation of this section for any person to alter in any way, survey, or obtain information from any way, survey, or obtain information from any way, except as follows:

If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, then the item shall bear the seal and the notation "altered" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Phone: (802) 654-1135

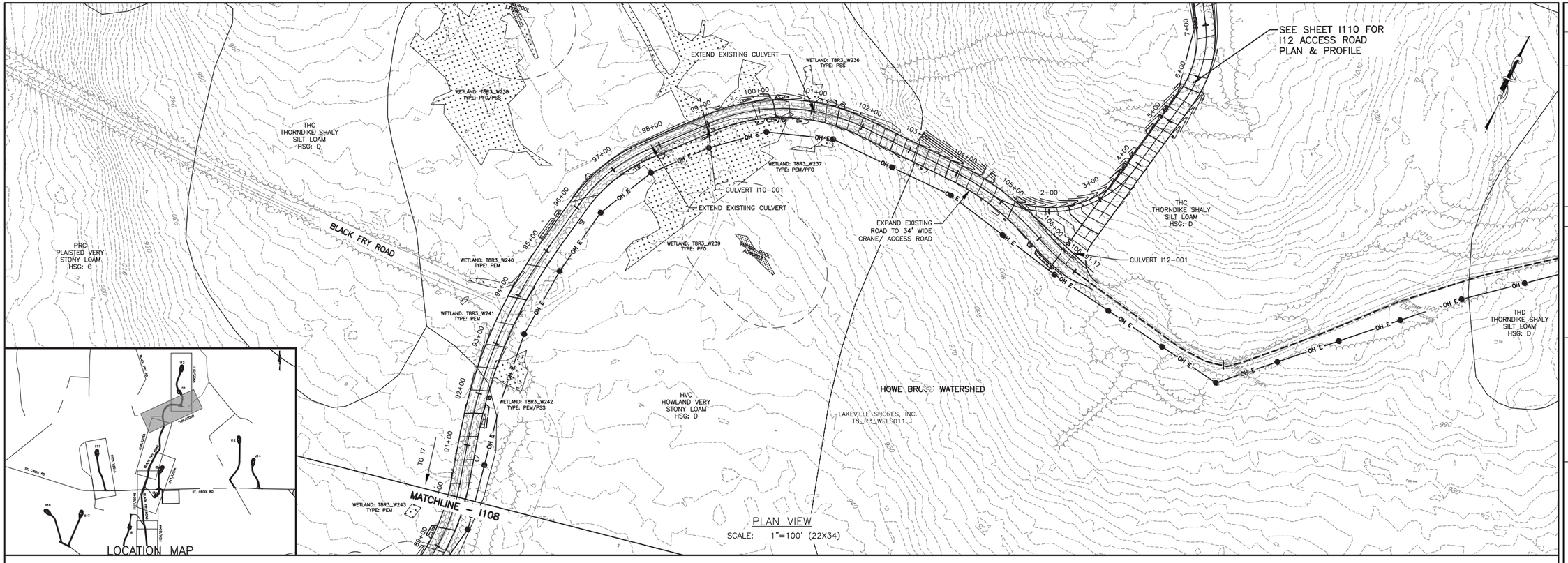
NUMBER NINE WIND FARM*

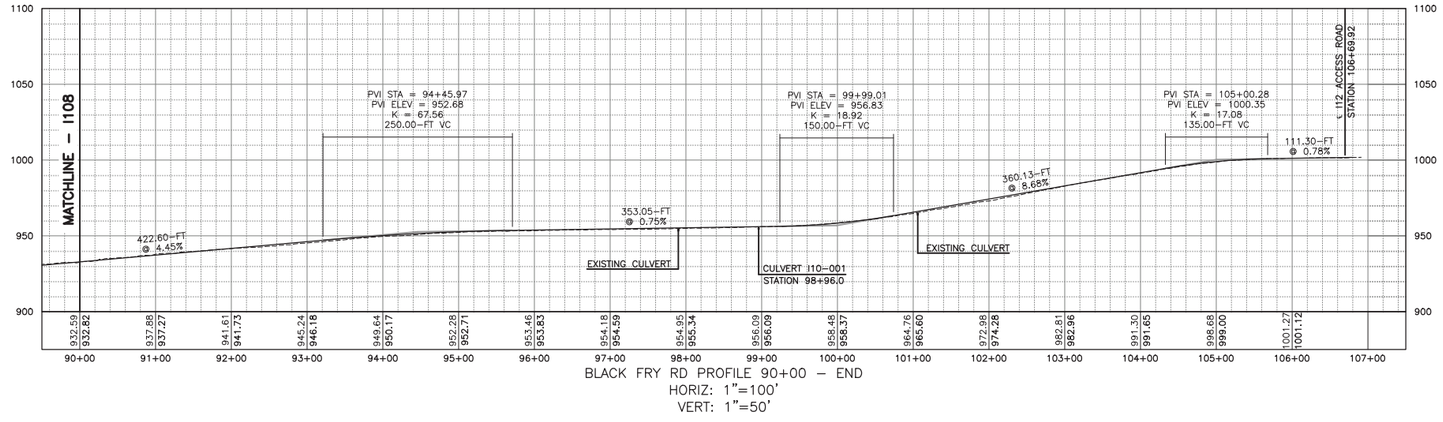
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BLACK FRY ROAD PLAN SHEET 3

DRAWING NO.
I108

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I106-I112 Sheets.dwg
DATE/TIME: 7/8/2015 12:08:50 PM
USER: Steven Mellott





BLACK FRY RD PROFILE 90+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
6			
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FA PROJECT NO.
140009
PROJECT MANAGER
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ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM

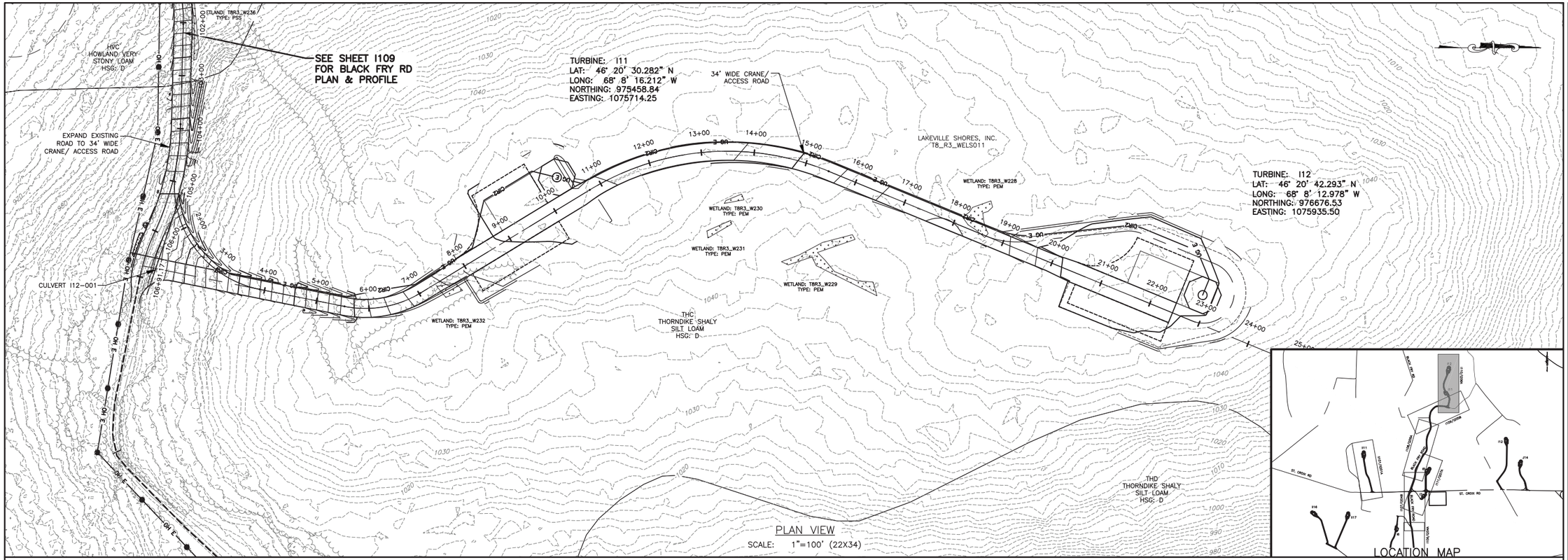
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BLACK FRY ROAD PLAN SHEET 4

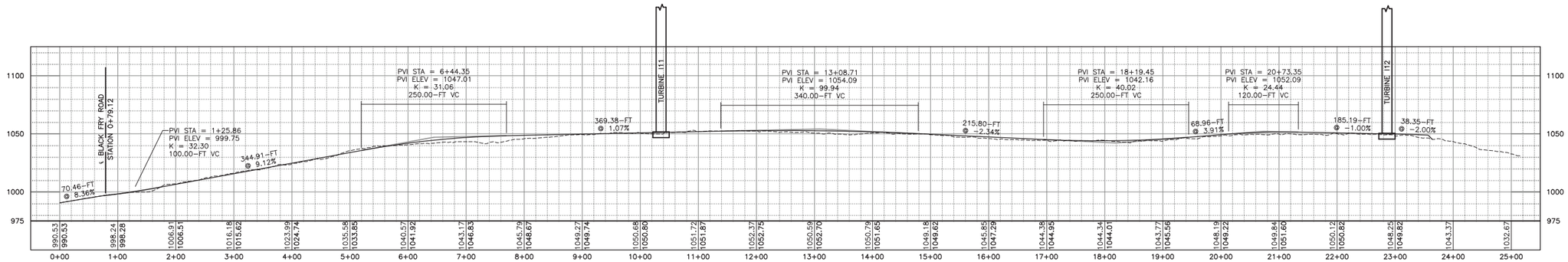
DRAWING NO.
I109

SHEET 185 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I106-I112 Sheets.dwg
DATE/TIME: 7/8/2015 12:09:33 PM
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)



I12 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
6			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catron Street, Suite 1 (207) 767-1483
Portland, Maine 04102 Fax (207) 772-3627

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I11 AND WTG I12 ACCESS ROAD PLAN SHEET

DRAWING NO.
I110

SHEET 186 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I106-I112 Sheets.dwg
DATE/TIME: 7/8/2015 12:10:22 PM
USER: Steven Mellott

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

EXTEND EXISTING CULVERT

JUNCTION BOX

WETLAND: TBR3_W264 TYPE: PEM

WETLAND: TBR3_W265 TYPE: PEM

WETLAND: TBR3_W263 TYPE: PSS/PEM

VERNAL POOL 140RK

WOSS: TBR3_W266 TYPE: PSS/PEM

WETLAND: TBR3_W564 TYPE: PFO

WETLAND: TBR3_W268 TYPE: PEM

WETLAND: TBR3_W267 TYPE: PEM

WETLAND: TBR3_W269 TYPE: PFO/PEM

WETLAND: TYPE: PFO

SEE SHEET I107 FOR BLACK FRY RD PLAN & PROFILE

ST. CROIX ROAD

ST. CROIX LAKE WATERSHED

HVS
HOWLAND VERY STONY LOAM
HSG: D

THC
THORNDIKE SHALY SILT LOAM
HSG: D

TURBINE: I7
LAT: 46° 23' 29.448" N
LONG: 72° 43' 04.501" W
NORTHING: 970162.55
EASTING: 1074588.46

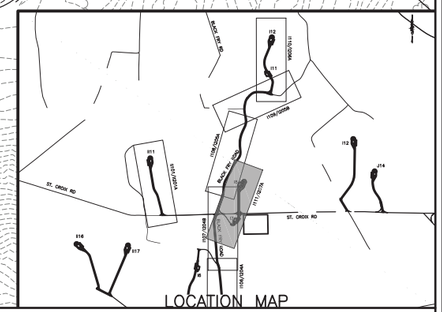
TURBINE: I8
LAT: 46° 23' 41.898" N
LONG: 72° 43' 03.063" W
NORTHING: 971417.33
EASTING: 1074766.58

PROPOSED 34' WIDE CRANE/ ACCESS ROAD

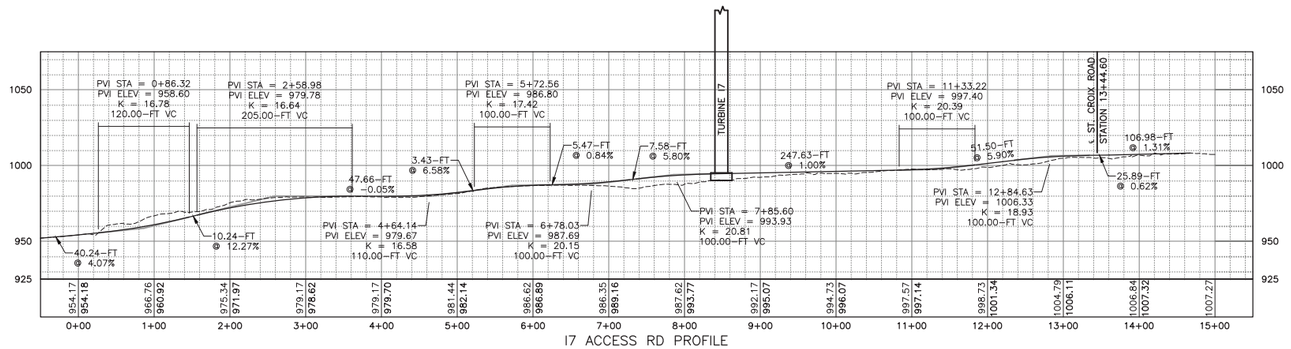
LAKEVILLE SHORES, INC.
T8_R3_WELS011

HOWE BROOK WATERSHED

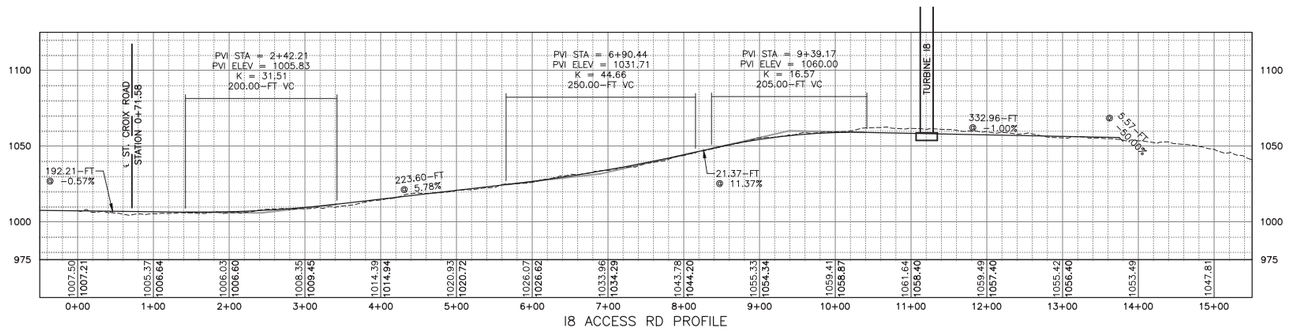
PLAN VIEW
SCALE: 1"=100' (22X34)



LOCATION MAP



I7 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



I8 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Catamount Drive, Milton, VT 05468
Phone: 802.524.1570

NUMBER NINE WIND FARM*

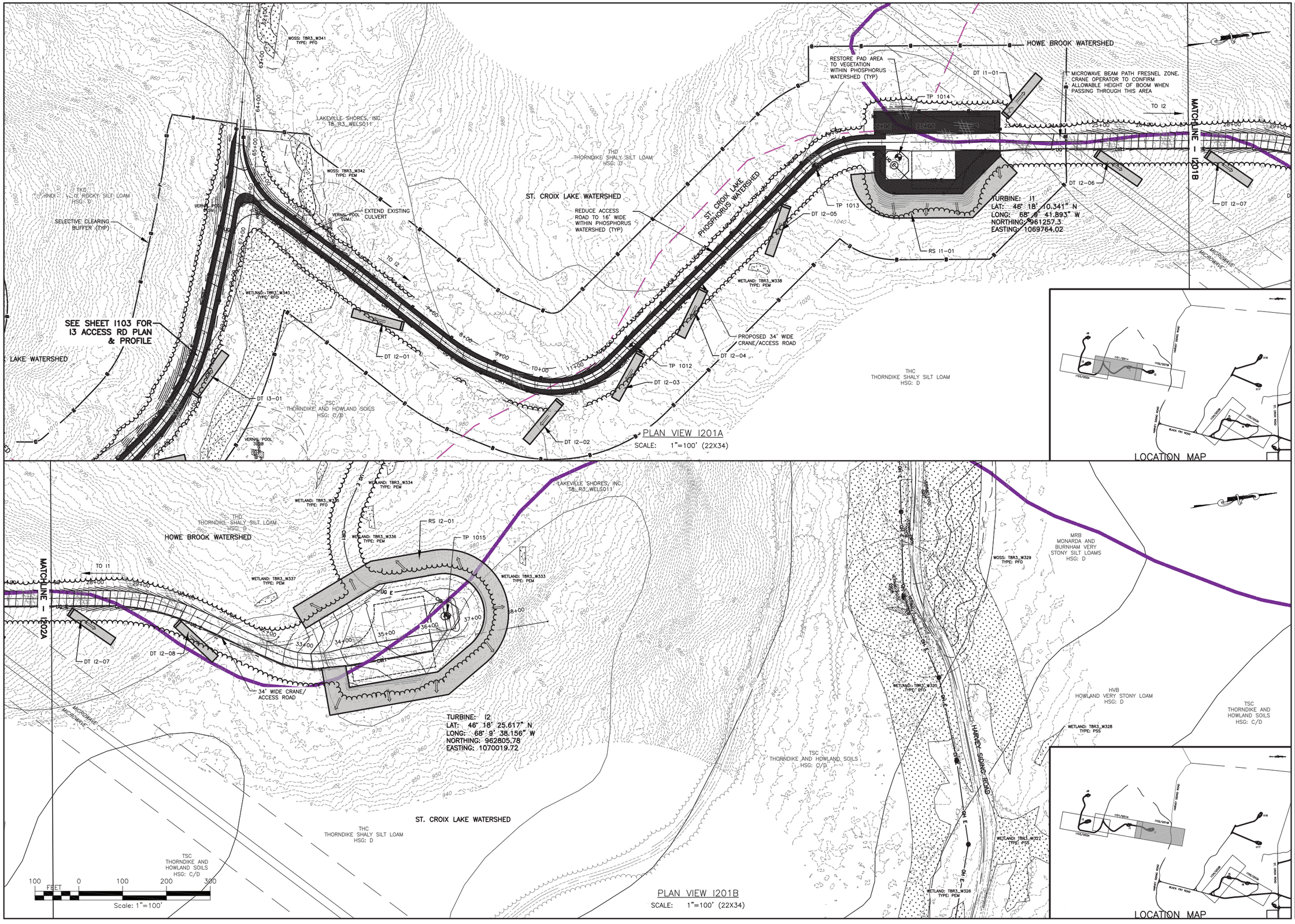
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I7 AND WTG I8 ACCESS ROAD PLAN SHEET

DRAWING NO.
I111

SHEET 187 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I106-I112 Sheets.dwg
DATE/TIME: 7/8/2015 12:11:23 PM
USER: Steven Mellott



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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
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SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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15 Columbia Street, Bangor, ME 04401
Phone: 800-244-3570

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I1 AND WTG I2 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
I201

SHEET 188 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I201-I203 Sheets.dwg
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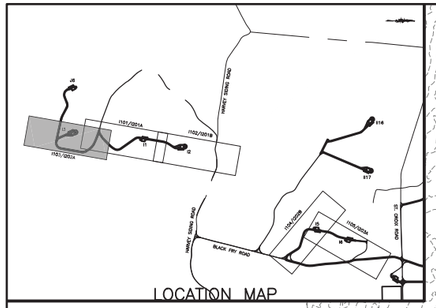

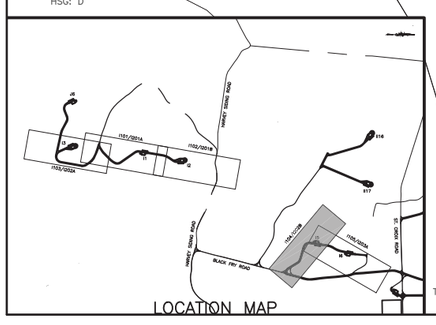

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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JULY 2015

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NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I3, WTG I5 AND WTG I6 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
I202

SHEET 189 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I201-I203 Sheets.dwg
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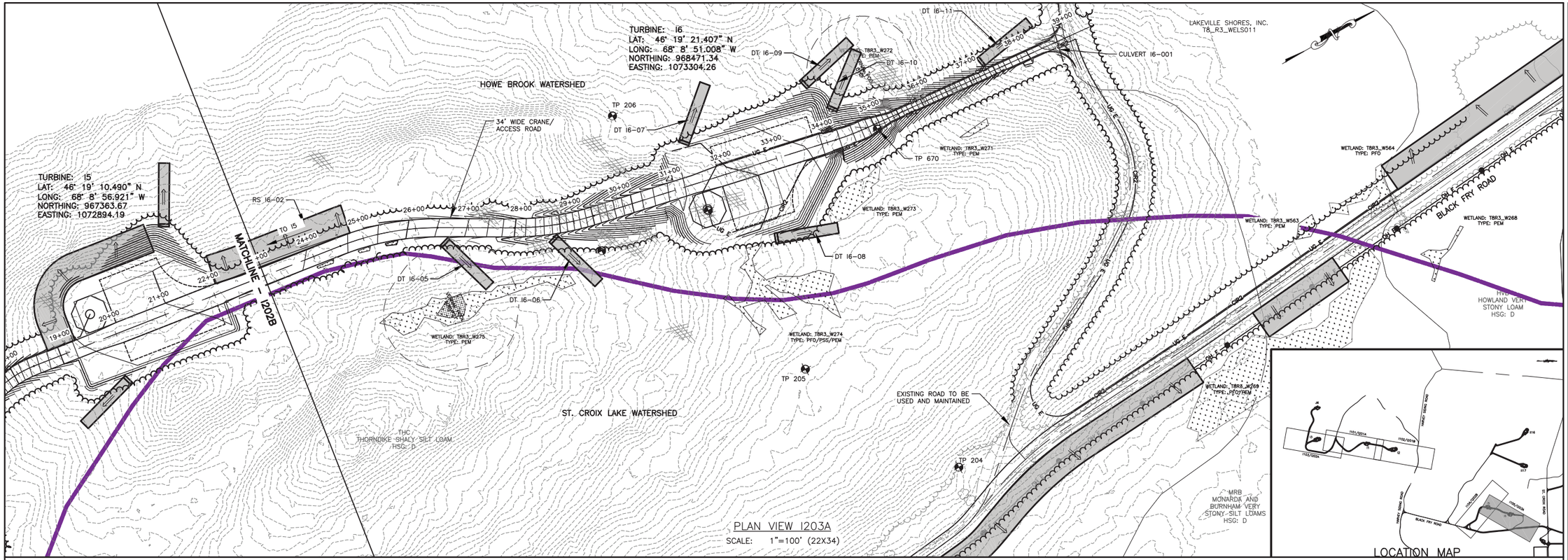

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140009
PROJECT MANAGER
S. MELLOTT
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ISSUE DATE
JULY 2015

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135 Commerce Way, Suite 137, Portland, ME 04103
Phone: 207.772.2515

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I5 AND WTG I6 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
I203

SHEET 190 OF 338

FILE NAME: H:\Projects\140009--Num._Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I201-I203 Sheets.dwg
DATE/TIME: 7/8/2015 12:14:23 PM
USER: Steven Mellott

SEE I202B FOR I5-6 ACCESS ROAD EROSION & SEDIMENT CONTROLS

MATCHLINE – I201B

MATCHLINE – I204B

TSC
THORNDIKE AND HOWLAND SOILS
HSG: C/D

THC
THORNDIKE SHALY SILT LOAM
HSG: D

MRB
MONARDA AND BURNHAM VERY STONY SILT LOAMS
HSG: D

HVB
HOWLAND VERY STONY LOAM
HSG: D

ST. CROIX LAKE WATERSHED

HOWE BROOK WATERSHED

BLACK FRY ROAD

ST. CROIX ROAD

TP 482

TP 204

CULVERT I5-001

CULVERT I5-002

RS BF-01

RS BF-02

RS BF-03

RS BF-04

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

EXTEND EXISTING CULVERT

EXTEND EXISTING CULVERT

WETLAND: T8R3_W354
TYPE: PEM

WETLAND: T8R3_W270
TYPE: PEM

WETLAND: T8R3_W563
TYPE: PFO

WETLAND: T8R3_W564
TYPE: PFO

WETLAND: T8R3_W260
TYPE: PFO

WETLAND: T8R3_W268
TYPE: PEM

WETLAND: T8R3_W269
TYPE: PFO/PEM

WETLAND: T8R3_W267
TYPE: PEM

WETLAND: T8R3_W265
TYPE: PEM

WETLAND: T8R3_W264
TYPE: PEM

WETLAND: T8R3_W262
TYPE: PSS

WETLAND: T8R3_W261
TYPE: PEM

WETLAND: T8R3_W263
TYPE: PSS/PEM

WOSS: T8R3_W266
TYPE: PSS/PEM

LAKEVILLE SHORES, INC.
T8_R3_WELS011

UN-NAMED STREAM

TURBINE: I7
LAT: 46° 23' 29.448" N
LONG: 72° 43' 04.501" W
NORTHING: 970162.55
EASTING: 1074588.46

PLAN VIEW I204A
SCALE: 1"=100' (22X34)

PLAN VIEW I204B
SCALE: 1"=100' (22X34)

LOCATION MAP

LOCATION MAP

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

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135 Catherine St, Ellsworth, ME 04605
Phone: 207.667.2231

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BLACK FRY ROAD EROSION AND SEDIMENT CONTROL PLAN 1

DRAWING NO.
I204

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I204-I207 Sheets.dwg
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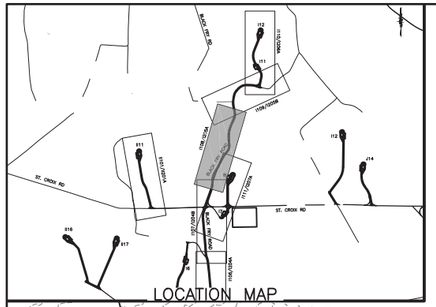

DT BF-04

MATCHLINE – I204B

THC
THORNDIKE SHALY SILT LOAM
HSG: D

RS BF-05

LAKEVILLE SHORES, INC.
T8_R3_WELS011

PRC
PLAISTED VERY STONY LOAM
HSG: C

RS BF-06

HOWE BROOK WATERSHED

REPLACE EXISTING CULVERT NNL-X685

DT BF-05

WOSS: T8R3_W247
TYPE: PFO

WOSS: T8R3_W244
TYPE: PEM

WETLAND: T8R3_W243
TYPE: PEM

MATCHLINE – I205A

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

WETLAND: T8R3_W248
TYPE: PEM

BLACK FRY ROAD

EXTEND EXISTING CULVERT

EXTEND EXISTING CULVERT

EXTEND EXISTING CULVERT

WOSS: T8R3_W246
TYPE: PFO

WOSS: T8R3_W245
TYPE: PEM

HVC
HOWLAND VERY STONY LOAM
HSG: D

TP 116

TURBINE: I8
LAT: 46° 23' 41.898" N
LONG: 72° 43' 03.063" W
NORTHING: 971417.33
EASTING: 1074766.58

DT I8-03

ST. CROIX LAKE WATERSHED

WETLAND: T8R3_W249
TYPE: PSS

PLAN VIEW I205A
SCALE: 1"=100' (22X34)

SEE I206A FOR I12 ACCESS ROAD EROSION & SEDIMENT CONTROLS

EXTEND EXISTIING CULVERT

WETLAND: T8R3_W236
TYPE: PSS

TP 210

TP 117

WETLAND: T8R3_W236
TYPE: PFO/PSS

TP 109

TP 212

THC
THORNDIKE SHALY SILT LOAM
HSG: D

THC
THORNDIKE SHALY
SILT LOAM
HSG: D

CULVERT I10-001

EXTEND EXISTIING CULVERT

WETLAND: T8R3_W237
TYPE: PEM/PFO

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ ACCESS ROAD

CULVERT I12-001

RS BF-08

BLACK FRY ROAD

PRC
PLAISTED VERY
STONY LOAM
HSG: C

WETLAND: T8R3_W240
TYPE: PEM

VERNAL POOL
AGRVP03

WETLAND: T8R3_W239
TYPE: PFO

THD
THORNDIKE SHALY
SILT LOAM
HSG: D

WETLAND: T8R3_W241
TYPE: PEM

RS BF-07

DT BF-06

WETLAND: T8R3_W242
TYPE: PEM/PSS

HVC
HOWLAND VERY
STONY LOAM
HSG: D

HOWE BROOK WATERSHED

LAKEVILLE SHORES, INC.
T8_R3_WELS011

TO I7

MATCHLINE – I205B

WETLAND: T8R3_W243
TYPE: PEM

PLAN VIEW I205B
SCALE: 1"=100' (22X34)

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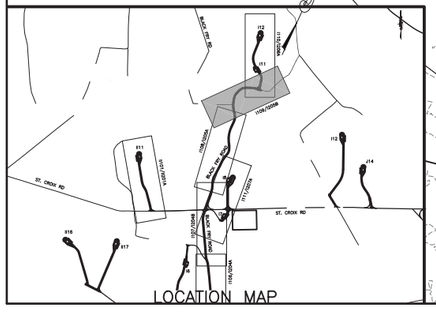
Scale: 1"=100'



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DATE/TIME: 7/8/2015 12:17:14 PM
USER: Steven Mellott

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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Phone: 802-524-1375

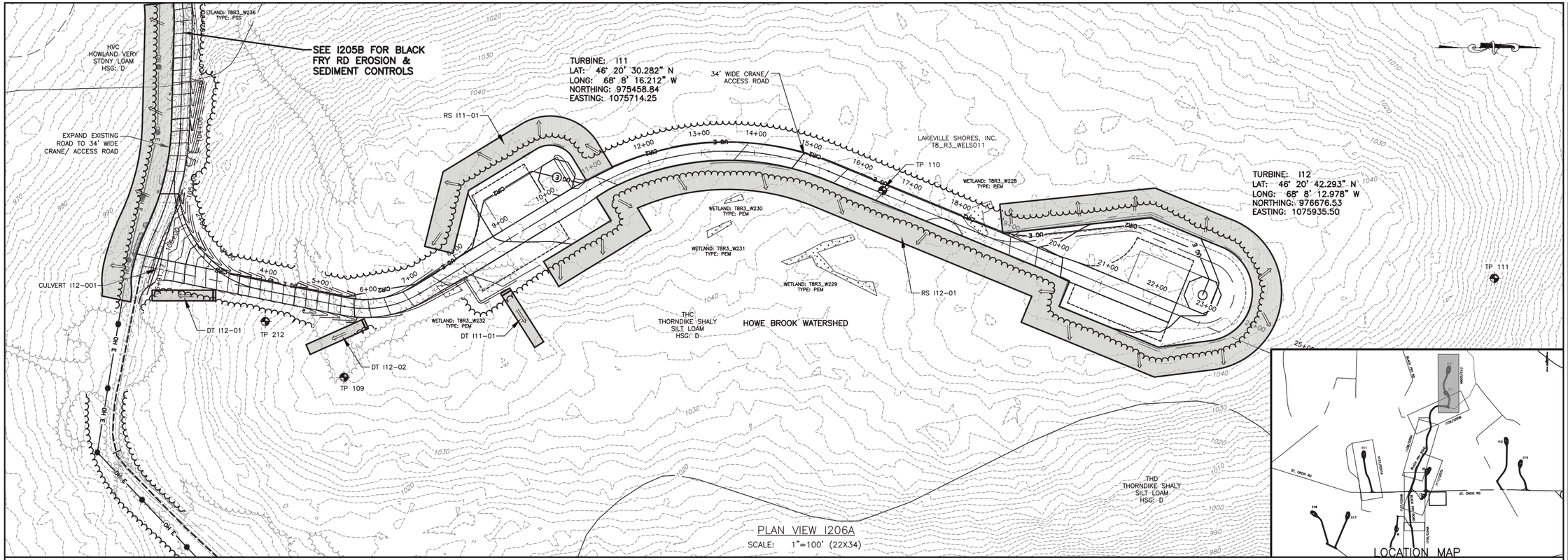
NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BLACK FRY ROAD EROSION AND SEDIMENT CONTROL PLAN 2

DRAWING NO.
I205

SHEET 192 OF 338



PLAN VIEW I206A
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Phone: 207.774.2112

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I11 AND WTG I12 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
I206

SHEET 193 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 I204-I207 Sheets.dwg
DATE/TIME: 7/8/2015 12:17:50 PM
USER: Steven Mellott

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

EXTEND EXISTING CULVERT

JUNCTION BOX

WETLAND: TBR3_W265 TYPE: PEM

WOSS: TBR3_W266 TYPE: PSS/PEM

WETLAND: TBR3_W267 TYPE: PEM

WETLAND: TBR3_W268 TYPE: PEM

WETLAND: TBR3_W269 TYPE: PFO/PEM

HVS
HOWLAND VERY STONY LOAM
HSG: D

ST. CROIX LAKE WATERSHED

VERNAL POOL 140RK

VERNAL POOL 139RK

WETLAND: TBR3_W264 TYPE: PEM

WETLAND: TBR3_W263 TYPE: PSS/PEM

SEE 1204B FOR BLACK FRY RD EROSION & SEDIMENT CONTROLS

ST. CROIX ROAD

WETLAND: TYPE: PFO

TP 482

TURBINE: I7
LAT: 46° 23' 29.448" N
LONG: 72° 43' 04.501" W
NORTHING: 970162.55
EASTING: 1074588.46

RS I7-02

RS I7-01

TB 207

DT I8-01

DT I8-02

PROPOSED 34' WIDE CRANE/ ACCESS ROAD

LAKEVILLE SHORES, INC. T8_R3_WELS011

HOWE BROOK WATERSHED

THC
THORNDIKE SHALY SILT LOAM
HSG: D

RS I8-01

TURBINE: I8
LAT: 46° 23' 41.898" N
LONG: 72° 43' 03.063" W
NORTHING: 971417.33
EASTING: 1074766.58

TP 116

DT I8-03

EXTEND EXISTING CULVERT

ST. CROIX LAKE WATERSHED

PLAN VIEW I207A
SCALE: 1"=100' (22X34)

LOCATION MAP

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
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ISSUE DATE
JULY 2015

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WWW.FISHERASSOC.COM
135 Commerce Way, Suite 137, Portland, ME 04103
Phone: 207.774.2112

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG I7 AND WTG I8 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
I207

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USER: Steven Mellott

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DATE/TIME: 7/8/2015 12:21:13 PM
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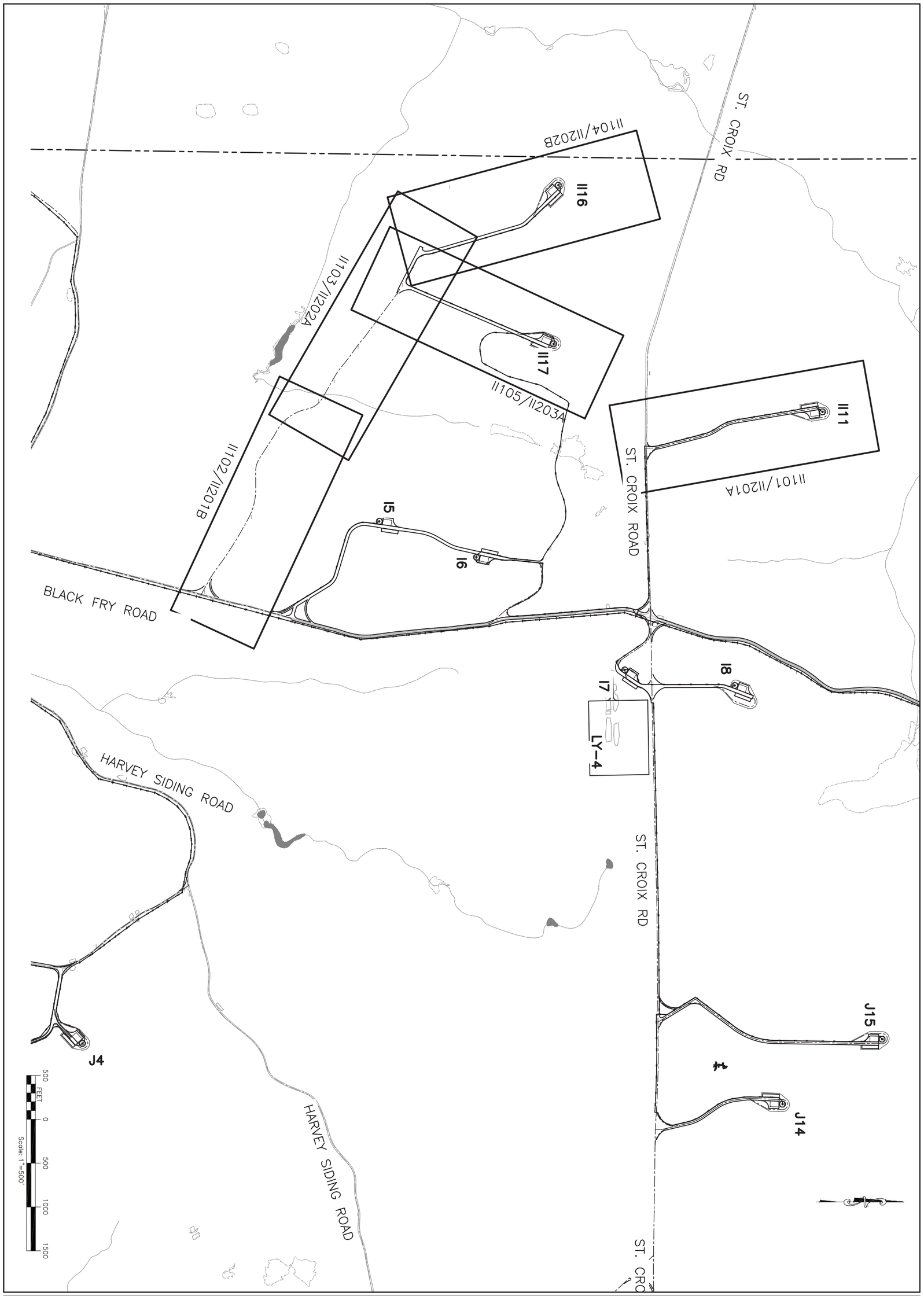

SHEET 195 OF 338

DRAWING NO. II100

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM

TITLE OF DRAWING
II-SHEETS INDEX PLAN

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585-334-1310

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
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ISSUE DATE
JULY 2015

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If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

REV	DESCRIPTION	DATE	BY
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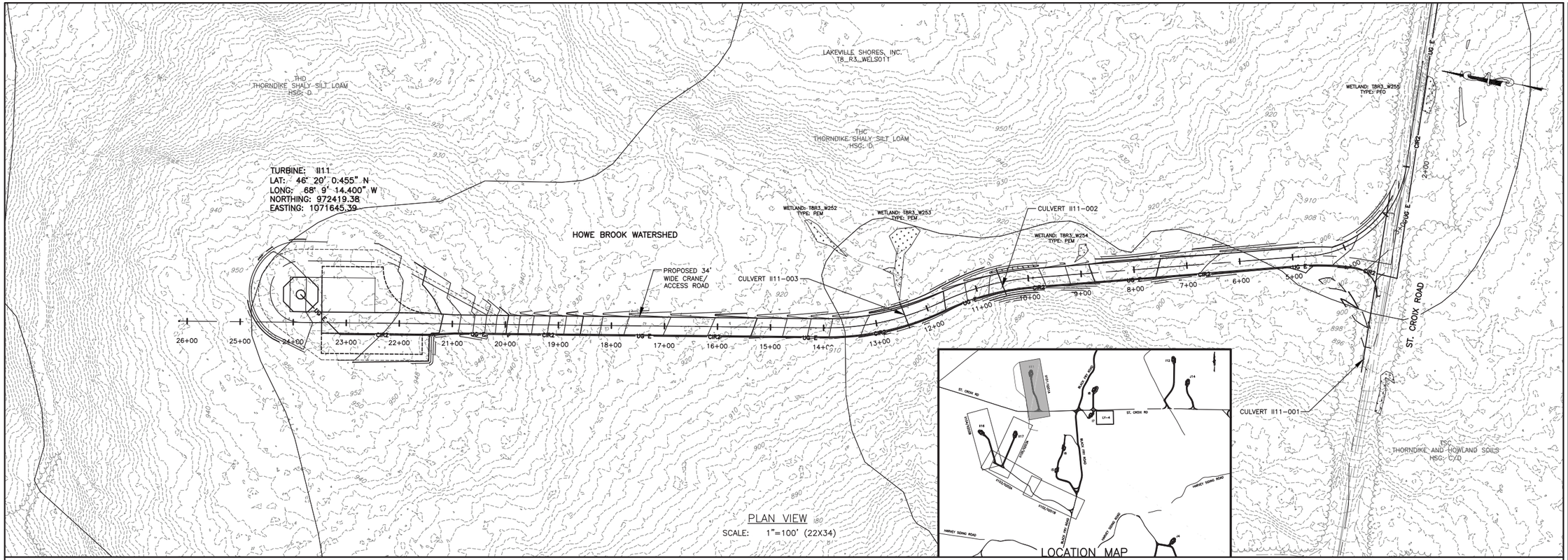

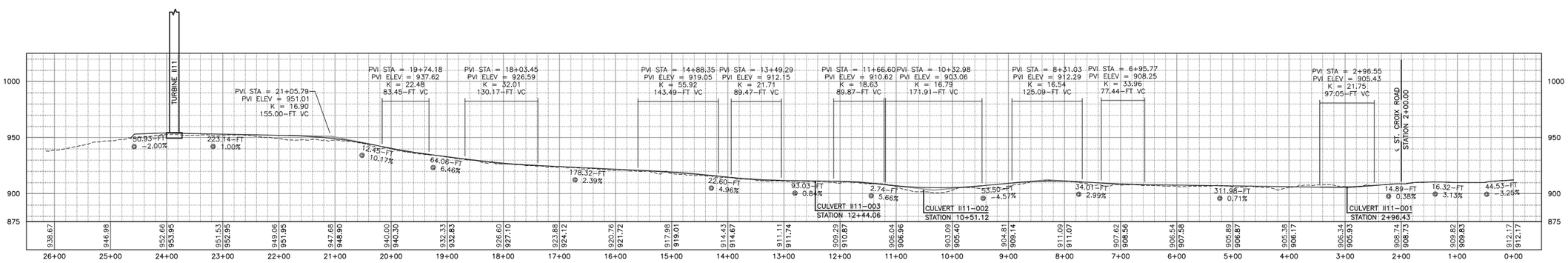

II11 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
105 Camelot Drive, Bangor, ME 04401
Phone: (207) 942-3179

NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG II11 ACCESS ROAD PLAN SHEET

DRAWING NO.
II101

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 II101--II106 Sheets.dwg
DATE/TIME: 7/8/2015 12:22:41 PM
USER: Steven Mellott

LOCATION MAP
ST. CROIX RD
BLACK FRY ROAD
HARVEY ROAD
I11
I12
I14
I15
I16
I17
I18
I19
I20
I21
I22
I23
I24
I25
I26
I27
I28
I29
I30
I31
I32
I33
I34
I35
I36
I37
I38
I39
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I41
I42
I43
I44
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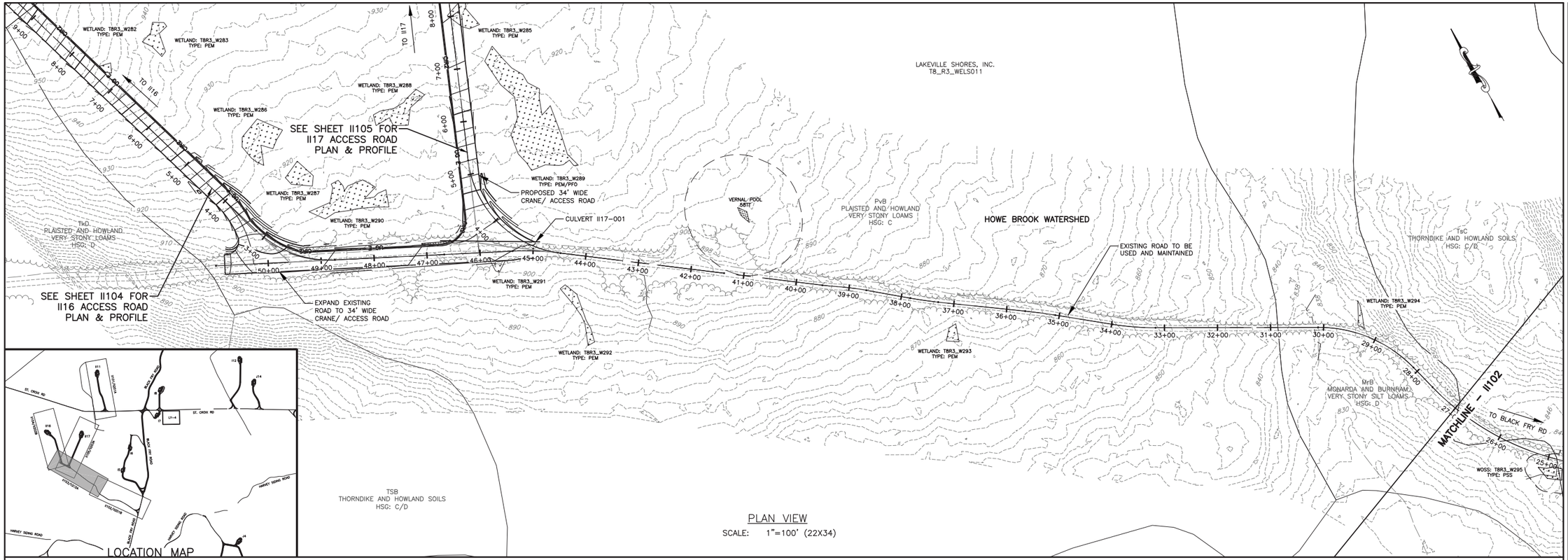
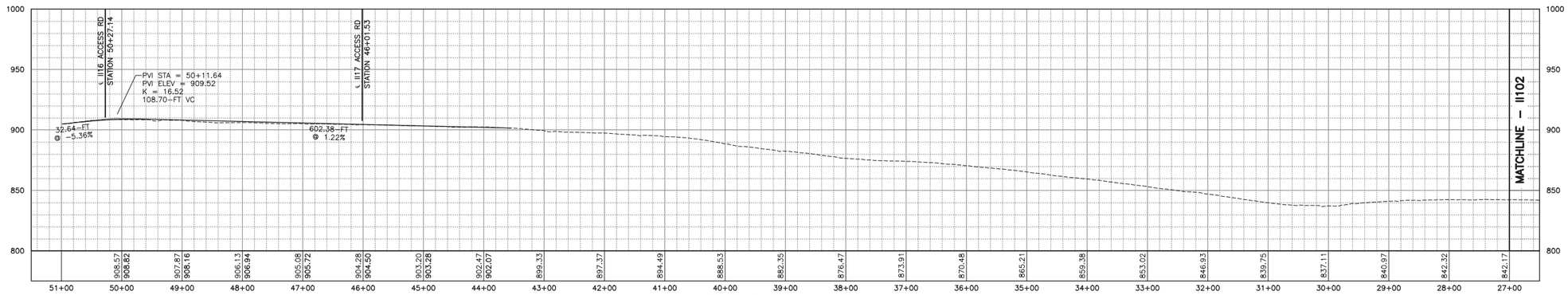
I46
I47
I48
I49
I50
I51
I52
I53



PLAN VIEW
SCALE: 1"=100' (22X34)



II-A ACCESS RD PROFILE 27+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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1			

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140009
PROJECT MANAGER
S. MELLOTT
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JULY 2015

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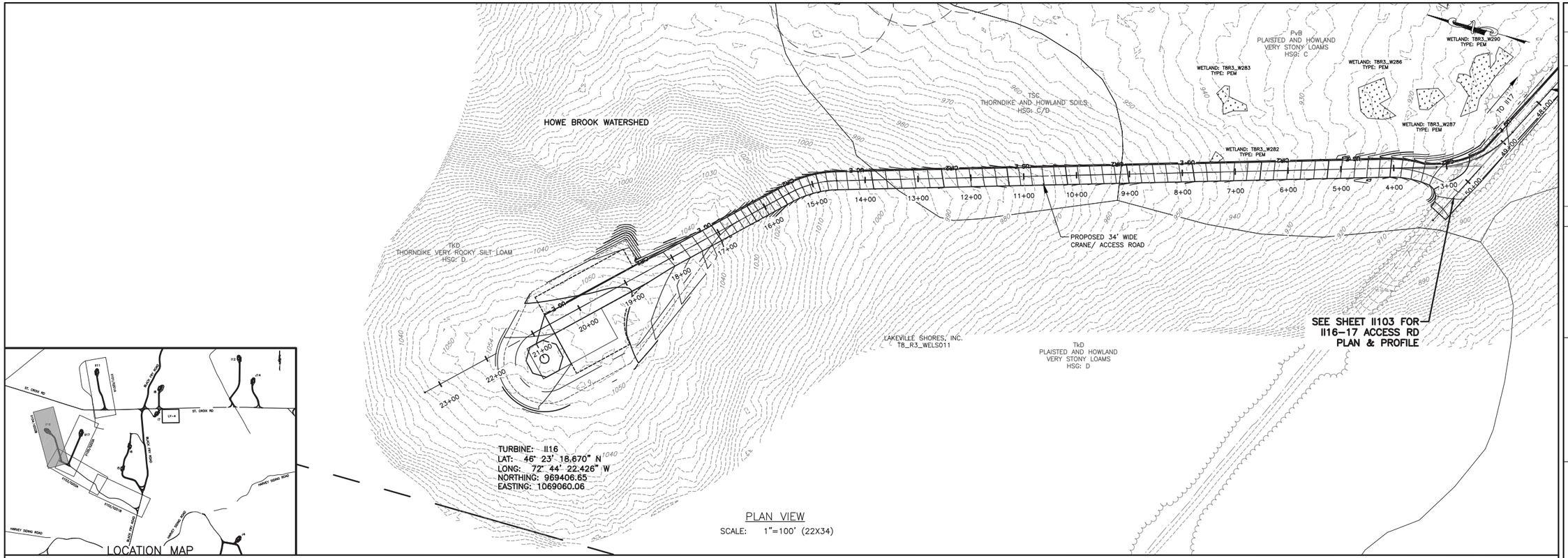
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

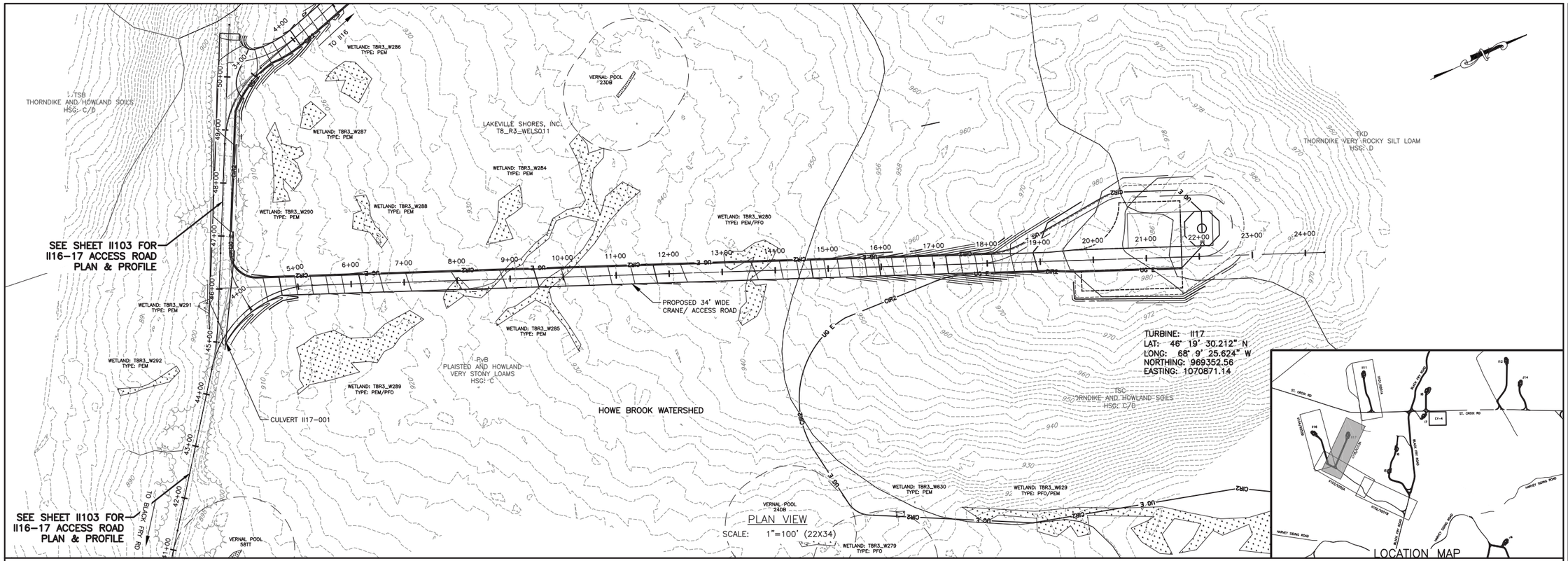
TITLE OF DRAWING
IIA ACCESS ROAD PLAN SHEET 2

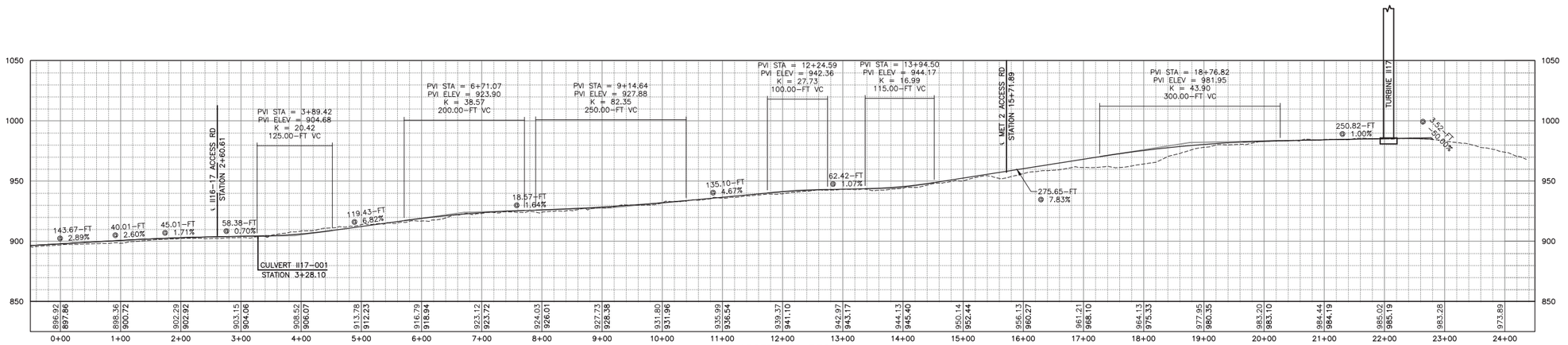
DRAWING NO.
II103

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 II101-II106 Sheets.dwg
DATE/TIME: 7/8/2015 12:24:33 PM
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)





II17 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG II17 ACCESS ROAD PLAN SHEET

DRAWING NO.
II105

SHEET 200 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 II101--II106 Sheets.dwg
DATE/TIME: 7/8/2015 12:26:10 PM
USER: Steven Mellott

TURBINE: II11
LAT: 46° 20' 0.455" N
LONG: 68° 9' 14.400" W
NORTHING: 972419.38
EASTING: 1071645.39

THD
THORNDIKE SHALY SILT LOAM
HSG: D

LAKEVILLE SHORES, INC.
T8_R3_WELS011

HOWE BROOK WATERSHED

TP 634
TP 633
TP 632
TP 631

PROPOSED 34' WIDE CRANE/ ACCESS ROAD

CULVERT II11-002
CULVERT II11-003
CULVERT II11-001

WETLAND: T8R3_W252 TYPE: PEM
WETLAND: T8R3_W253 TYPE: PEM
WETLAND: T8R3_W254 TYPE: PEM
WETLAND: T8R3_W255 TYPE: PFO

RS II11-01
RS II11-02
DT II11-01
DT II11-02

ST. CROIX ROAD

ESC
THORNDIKE AND HOWLAND SOILS
HSG: C/D

PLAN VIEW II201A
SCALE: 1"=100' (22X34)

LOCATION MAP

ThC
THORNDIKE SHALY SILT LOAM
HSG: D

TO II16

MATCHLINE – II202A

MrB
MONARDA AND BURNHAM
VERY STONY SILT LOAMS
HSG: D

TsC
THORNDIKE AND HOWLAND SOILS
HSG: C/D

VERNAL POOL 57IT

WETLAND: T8R3_W296 TYPE: PEM
WETLAND: T8R3_W297 TYPE: PEM
WETLAND: T8R3_W298 TYPE: PEM
WETLAND: T8R3_W299 TYPE: PEM
WETLAND: T8R3_W300 TYPE: PEM
WETLAND: T8R3_W301 TYPE: PEM
WETLAND: T8R3_W302 TYPE: PEM
WETLAND: T8R3_W303 TYPE: PFO
WETLAND: T8R3_W304 TYPE: PFO
WETLAND: T8R3_W305 TYPE: PEM
WETLAND: T8R3_W306 TYPE: PEM
WETLAND: T8R3_W307 TYPE: PEM
WETLAND: T8R3_W308 TYPE: PEM
WETLAND: T8R3_W354 TYPE: PEM
WOSS: T8R3_W295 TYPE: PSS

EXISTING ROAD TO BE USED AND MAINTAINED

BLACK FLY ROAD

PLAN VIEW II201B
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 II201-II203 Sheets.dwg
DATE/TIME: 7/8/2015 12:27:50 PM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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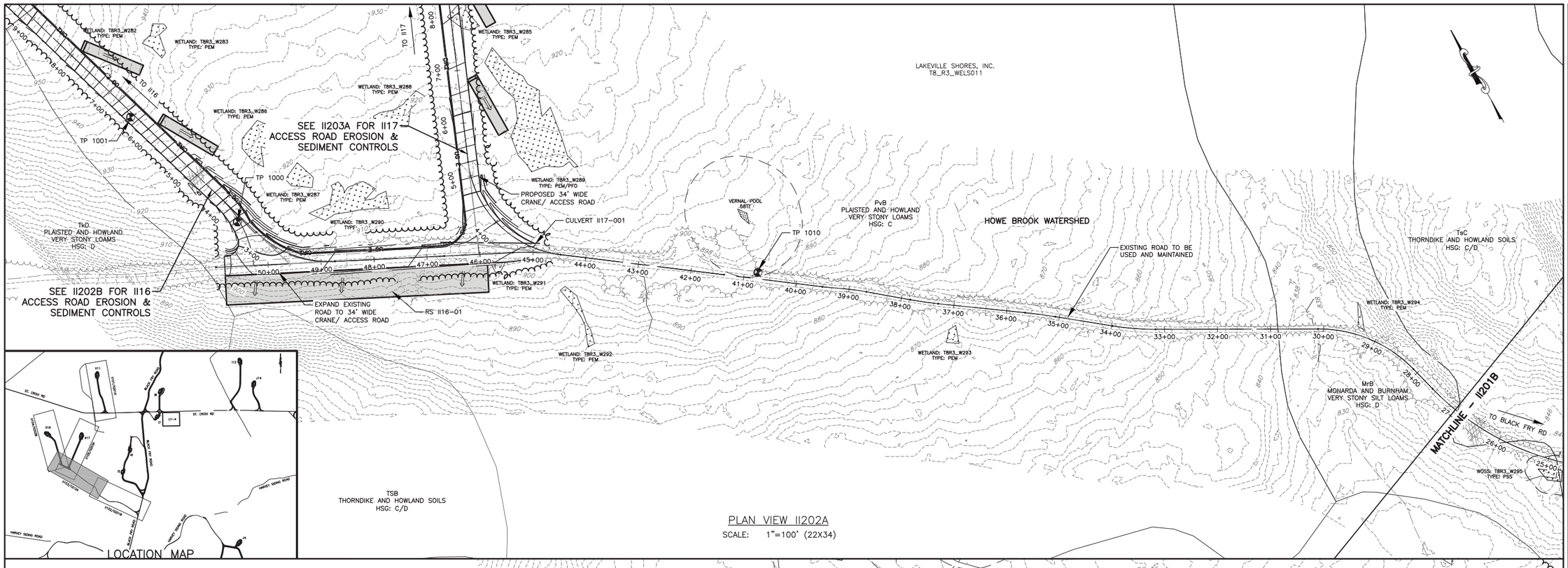
NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG II11 AND IIA ACCESS ROAD EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
II201

SHEET 201 OF 338



PLAN VIEW II202A
SCALE: 1"=100' (22X34)

PLAN VIEW
SCALE: 1"=100' (22X34)

REV	DESCRIPTION	DATE	BY
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
IIA ACCESS ROAD AND WTG II16 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
II202

SHEET 202 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 II201-II203 Sheets.dwg
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USER: Steven Mellott

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NUMBER NINE WIND FARM*

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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG II17 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
II203

SHEET 203 OF 338

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DATE/TIME: 7/8/2015 12:29:23 PM
USER: Steven Mellott

J104/J202B

J105/J203A

J8

J5

HARVEY SIDING ROAD

LY–4

ST. CROIX RD

J101/J201A

J7

J1

J103/J202A

J102/J201B

J2

J106/J203B

J3

J4

J107/J204A

HARVEY SIDING ROAD

ST. CROIX ROAD

DUCK POND ROAD

HARVEY SIDING ROAD

500 FEET 0 500 1000 1500

Scale: 1"=500'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J100A Index.dwg
DATE/TIME: 7/8/2015 12:41:33 PM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
J-SHEETS INDEX PLAN SHEET 1

DRAWING NO.
J100A

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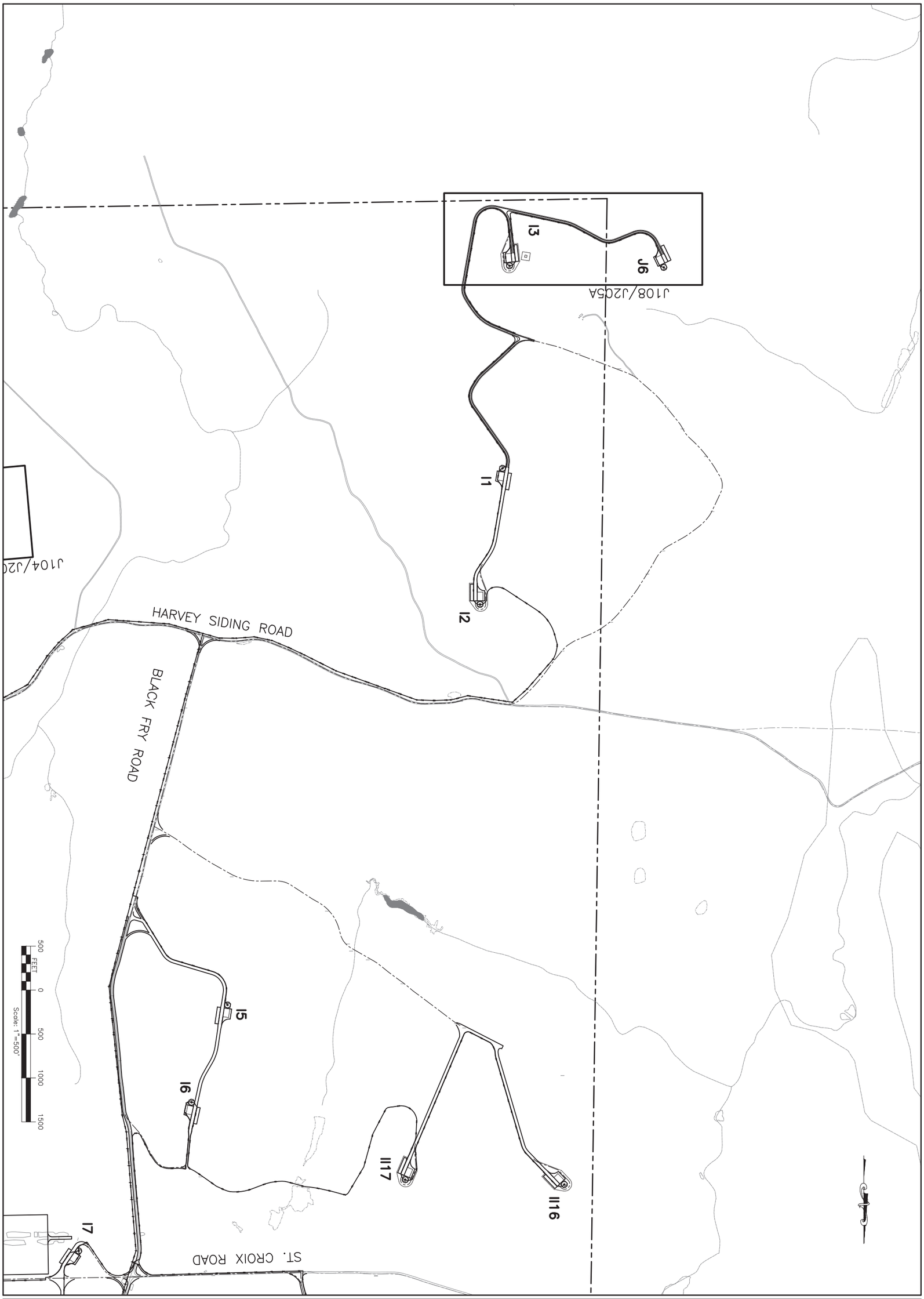

J100B
DRAWING NO.
SHEET 205 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM

TITLE OF DRAWING
J-SHEETS INDEX PLAN SHEET 2

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REV	DESCRIPTION	DATE	BY
7			
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I12

I11

BLACK FRY RD

II11

ST. CROIX RD

I8

J15

J14

J110/J206B

J109/J206A

ST. CROIX ROAD

ST. CROIX RD

ST. CRO

I7

LY-4

II16

II17

I6

I5

500 FEET 0 500 1000 1500

Scale: 1"=500'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J100C Index.dwg
DATE/TIME: 7/8/2015 12:43:16 PM
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NUMBER NINE WIND FARM

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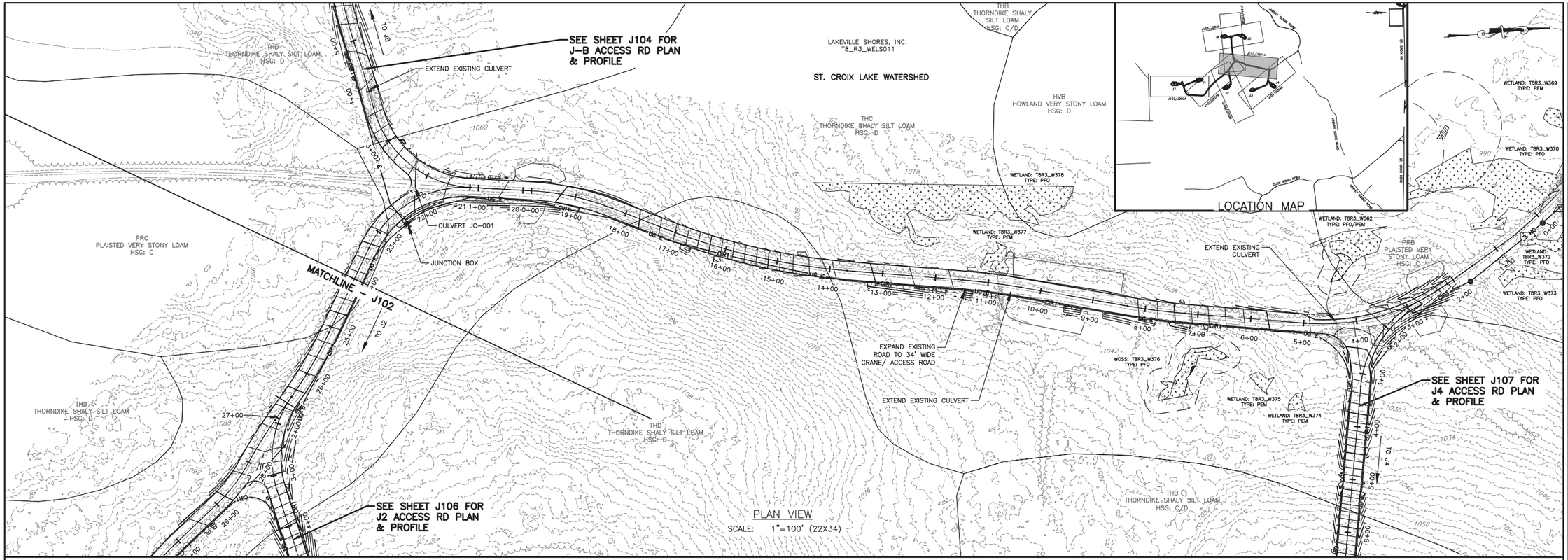
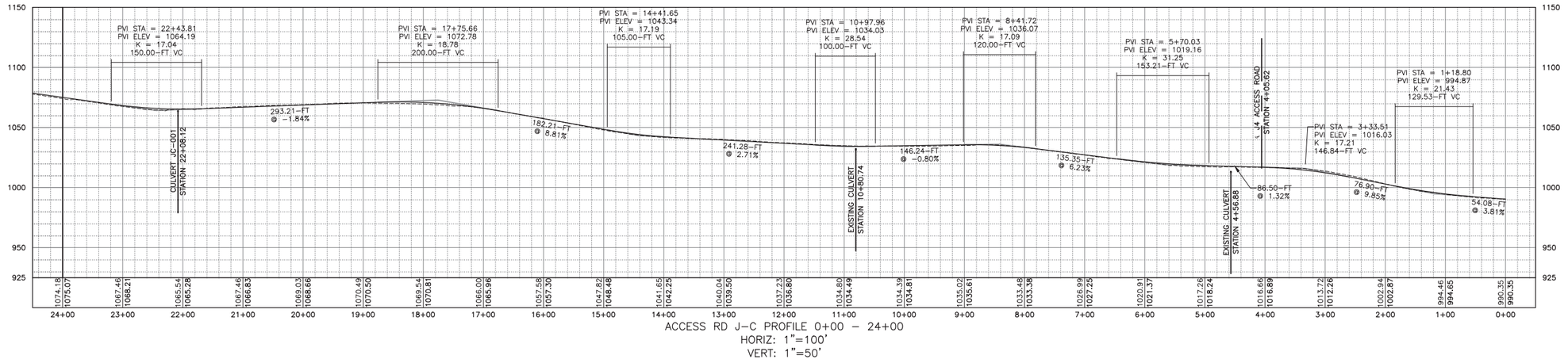
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
J-SHEETS INDEX PLAN SHEET 3

DRAWING NO.
J100C





ACCESS RD J–C PROFILE 0+00 – 24+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
J-A ACCESS ROAD PLAN SHEET 1

DRAWING NO.
J101

SHEET 207 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J101--J107 Sheets.dwg
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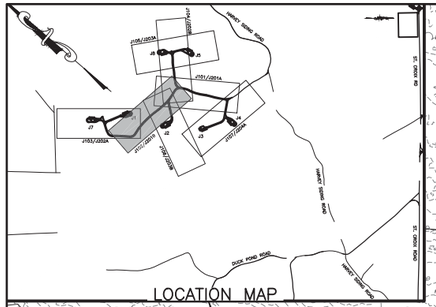
LOCATION MAP
J106/J005A
J101/J001A
J1
J2
J3
J102/J002A
J103/J003A
J104/J004A
J105/J005A
WIND FARM ROAD
WIND FARM ROAD
WIND FARM ROAD

PRC
PLAISTED VERY STONY LOAM
HSG: C

AROOSTOOK TIMBERLANDS, LLC
DUDLEY_TWP011

THE
THORNDIKE SHALY SILT LOAM
HSG: C/D

WETLAND; TYPE: PEM

WETLAND; TYPE: PEM

LAKEVILLE SHORES, INC.
T8_R3_WELS011

WETLAND: T8R3_W395
TYPE: PEM

PROPOSED 34' WIDE CRANE/ ACCESS ROAD

TURBINE: J7
LAT: 46° 21' 43.154" N
LONG: 72° 41' 56.135" W
NORTHING: 959103.24
EASTING: 1078722.02

TURBINE: J1
LAT: 46° 21' 54.813" N
LONG: 72° 42' 00.601" W
NORTHING: 960303.22
EASTING: 1078480.99

THD
THORNDIKE SHALY SILT LOAM
HSG: D

WETLAND: T8R3_W396
TYPE: PEM

WETLAND: T8R3_W386
TYPE: PFO

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ ACCESS ROAD

ST. CROIX LAKE WATERSHED

WETLAND: T8R3_W391
TYPE: PFO

WETLAND: T8R3_W394
TYPE: PEM

WETLAND: T8R3_W388
TYPE: PEM

WETLAND: TYPE: PSS

EXTEND EXISTING CULVERT

MATCHLINE – J102

WETLAND: T8R3_W387
TYPE: PEM

WETLAND: T8R3_W392
TYPE: PFO

WETLAND: T8R3_W389
TYPE: PEM

TO J2

PLAN VIEW
SCALE: 1"=100' (22X34)

LOCATION MAP

J7 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

J1 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

ACCESS RD J-C PROFILE 48+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
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NUMBER NINE WIND FARM

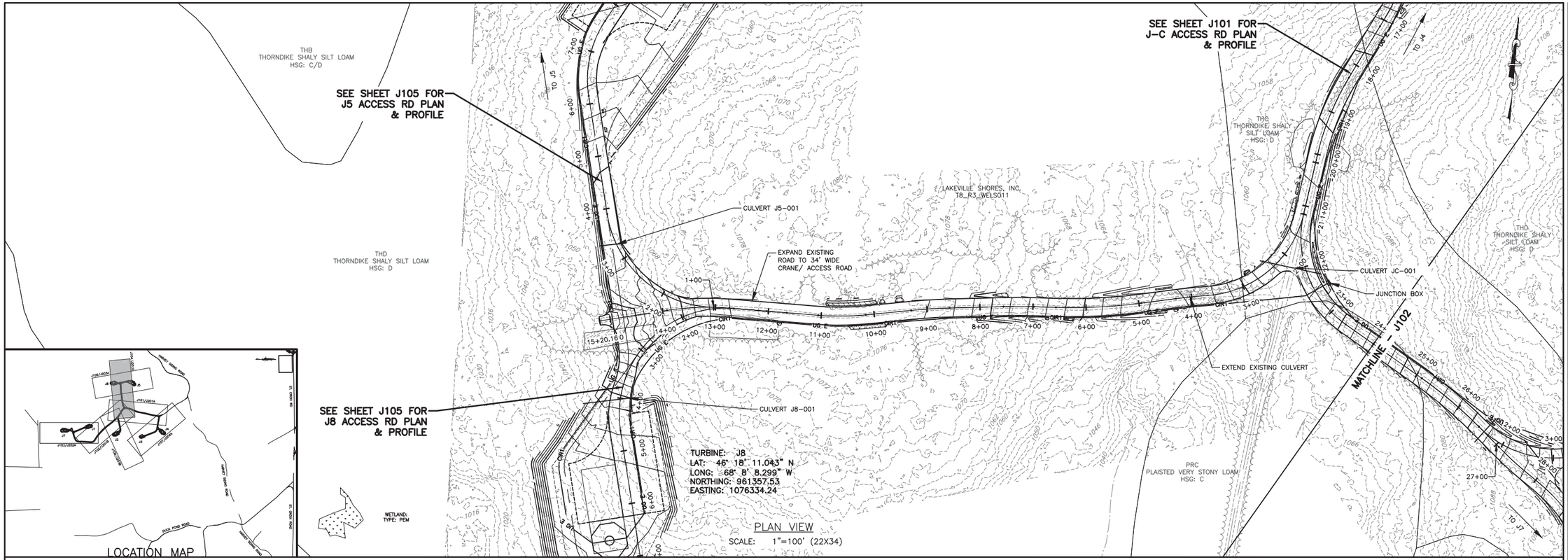
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

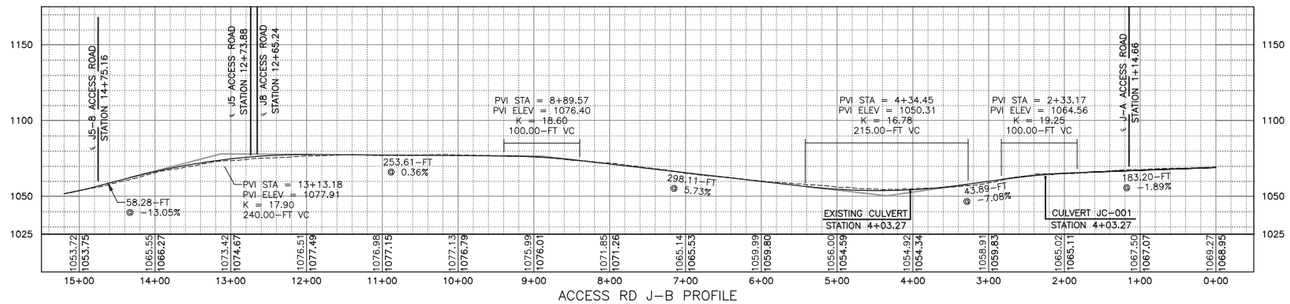
TITLE OF DRAWING
WTG J1 & J7 ACCESS ROAD PLAN SHEET

DRAWING NO.
J103

SHEET 208 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J101-J107 Sheets.dwg
DATE/TIME: 7/8/2015 12:45:52 PM
USER: Steven Mellott





ACCESS RD J–B PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commercial Street, Suite 301 Portland, ME 04101 (207) 553-7232 Fax (207) 553-7239

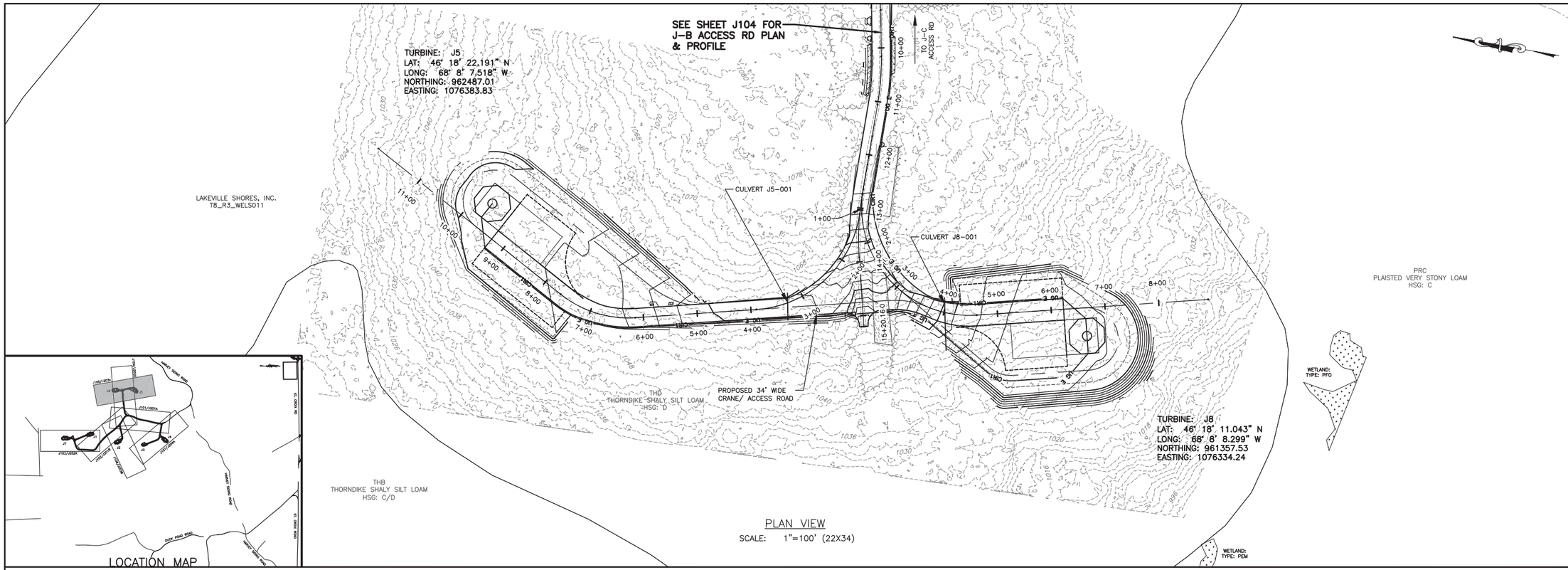
NUMBER NINE WIND FARM

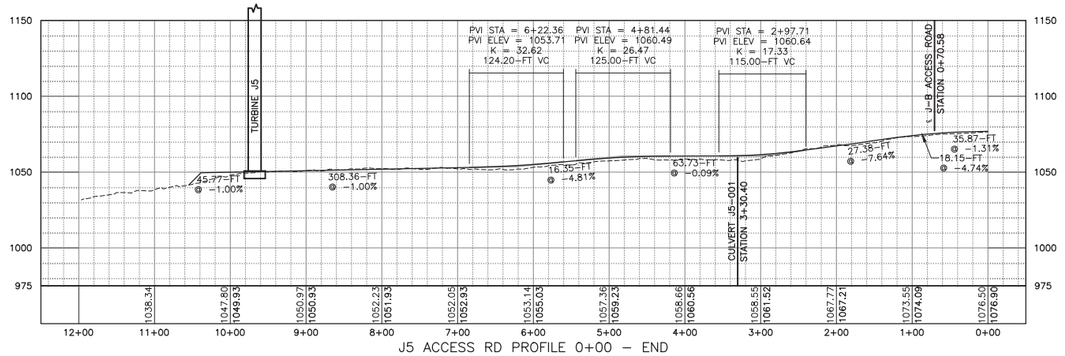
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
J-B ACCESS ROAD PLAN SHEET

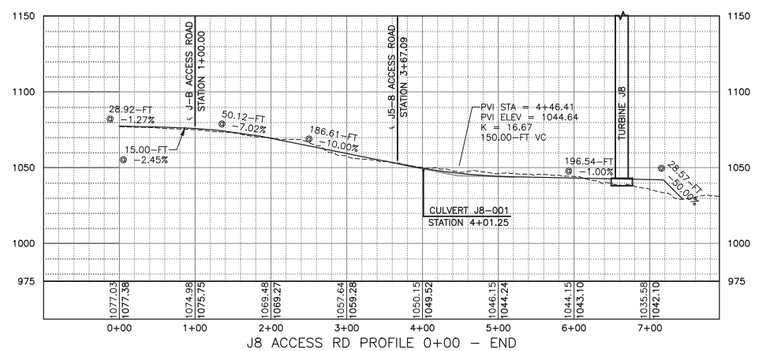
DRAWING NO.
J104

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J101-J107 Sheets.dwg
DATE/TIME: 7/8/2015 12:46:22 PM
USER: Steven Mellott





J5 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'



J8 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J101-J107 Sheets.dwg
DATE/TIME: 7/8/2015 12:46:58 PM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

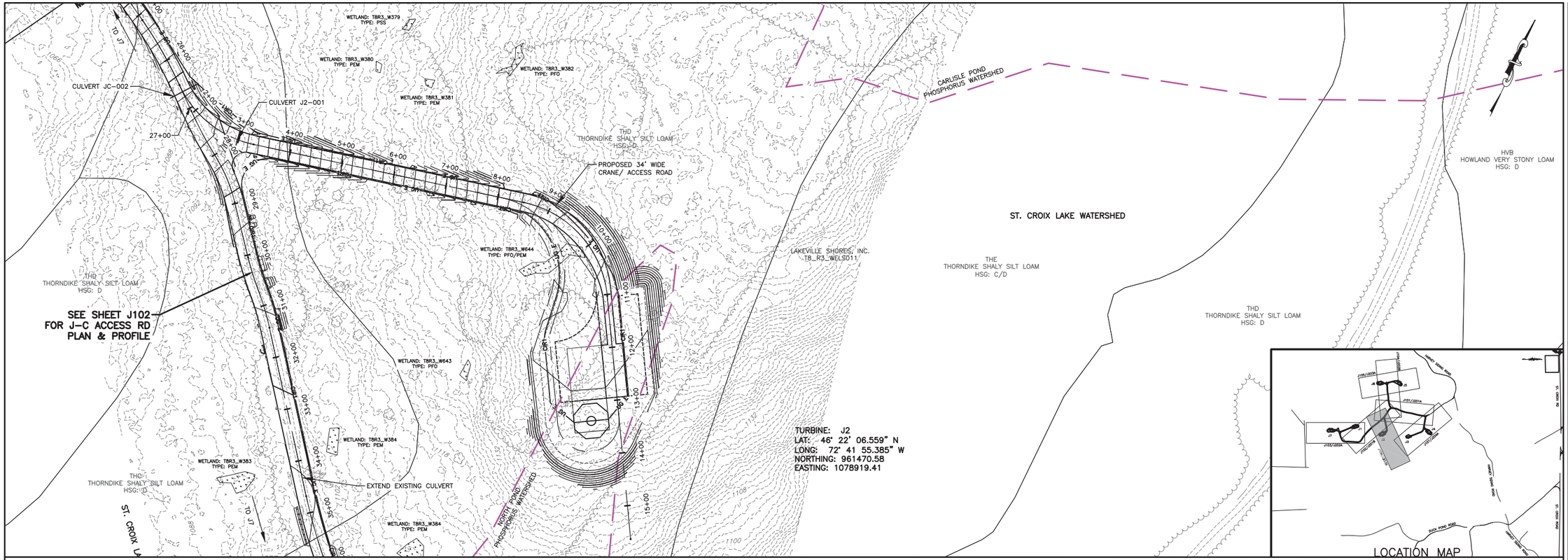
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commerce Way, Suite 102, Portland, ME 04103
Phone: 207.774.2112

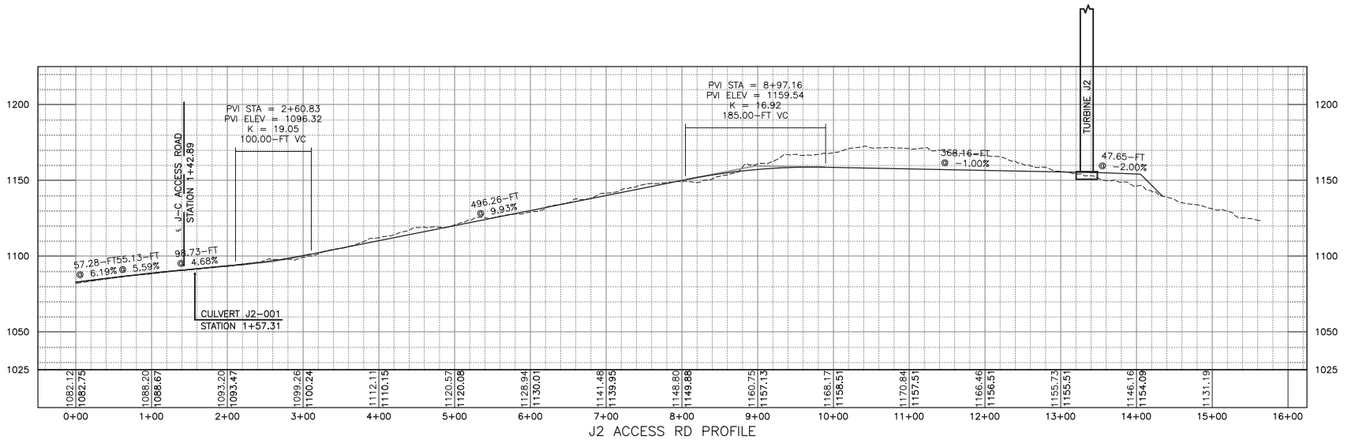
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG J5 & J8 ACCESS ROAD PLAN SHEET

DRAWING NO.
J105





J2 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Common Road, Ste 1 Dover, NH 03820
Phone: 603.749.9130

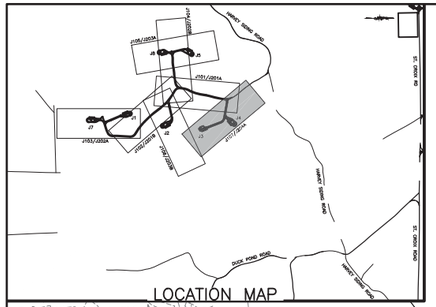
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG J2 ACCESS ROAD PLAN SHEET

DRAWING NO.
J106

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J101--J107 Sheets.dwg
DATE/TIME: 7/8/2015 12:47:27 PM
USER: Steven Mellott



TURBINE: J4
LAT: 46° 18' 36.798" N
LONG: 68° 7' 32.284" W
NORTHING: 963978.13
EASTING: 1078850.24

TURBINE: J3
LAT: 46° 22' 19.399" N
LONG: 72° 41' 55.110" W
NORTHING: 962769.96
EASTING: 1079018.09

ST. CROIX LAKE WATERSHED

LAKEVILLE SHORES, INC.
T8_R3_WELS011

THC
THORNDIKE SHALY SILT LOAM
HSG: D

THD
THORNDIKE SHALY SILT LOAM
HSG: D

THE
THORNDIKE SHALY SILT LOAM
HSG: C/D

THB
THORNDIKE SHALY SILT LOAM
HSG: C/D

PRB
PLAISTED VERY STONY LOAM
HSG: C

SEE SHEET J101 FOR
J-A ACCESS ROAD
PLAN & PROFILE

PROPOSED 34' WIDE
CRANE/ ACCESS ROAD

PROPOSED 34' WIDE
CRANE/ ACCESS ROAD

EXTEND EXISTING
CULVERT

WETLAND: T8R3_W645
TYPE: PFO

WOSS: T8R3_W371
TYPE: PFO

WETLAND: T8R3_W373
TYPE: PFO

WETLAND: T8R3_W372
TYPE: PFO

WETLAND: T8R3_W374
TYPE: PEM

WETLAND: T8R3_W369
TYPE: PEM

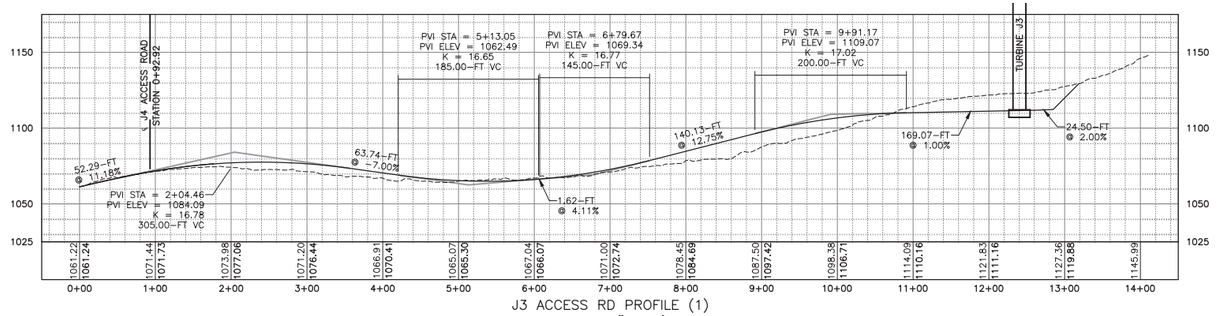
WETLAND: T8R3_W370
TYPE: PFO

WETLAND: T8R3_W375
TYPE: PEM

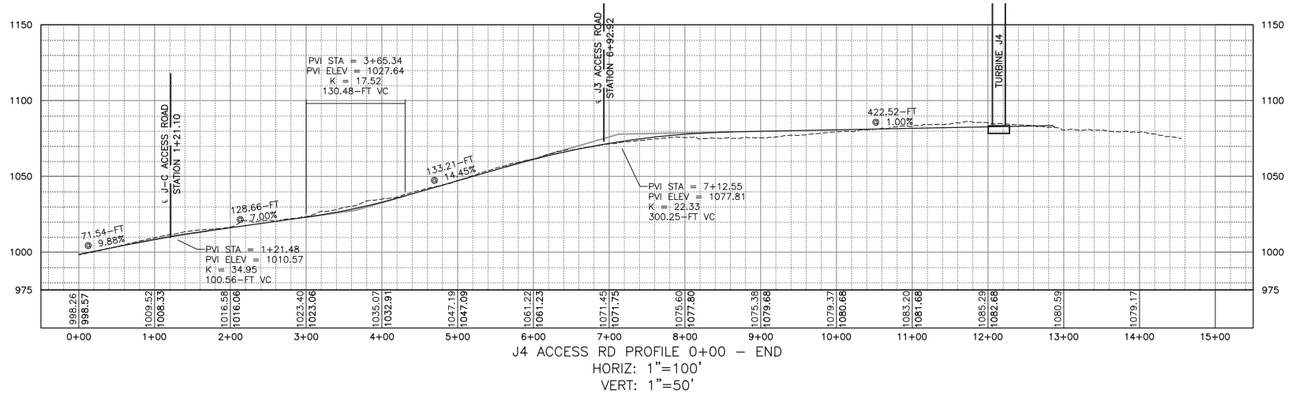
TO J2

OHIO
ARBUTUS POND
PHOSPHORUS WATERSHED

PLAN VIEW
SCALE: 1"=100' (22X34)



J3 ACCESS RD PROFILE (1)
HORIZ: 1"=100'
VERT: 1"=50'



J4 ACCESS RD PROFILE 0+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commercial Street, Suite 301, Portland, ME 04101
Phone: 207.772.3133

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG J3 & J4 ACCESS ROAD PLAN SHEET

DRAWING NO.
J107

SHEET 212 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J101-J107 Sheets.dwg
DATE/TIME: 7/8/2015 12:48:04 PM
USER: Steven Mellott

TURBINE: J6
LAT: 46° 21' 34.681" N
LONG: 72° 44' 23.921" W
NORTHING: 958880.69
EASTING: 1068306.34

ST. CROIX LAKE WATERSHED

LAKEVILLE SHORES, INC.
T8_R3_WELS011

LAKEVILLE SHORES, LLC
SAINT_CROIX_TWP014

VERNAL POOL 155RK

WETLAND: STCR_W021
TYPE: PEM

WETLAND: STCR_W020
TYPE: PFO

WETLAND: STCR_W015
TYPE: PFO

WETLAND: STCR_W014
TYPE: PSS

VERNAL POOL 207IT

VERNAL POOL 206IT

WETLAND: STCR_W018
TYPE: PFO/PSS/PEM

WETLAND: STCR_W017
TYPE: PEM

CULVERT J6-001

CULVERT J6-001

TKD
THORNDIKE, VERY ROCKY SILT LOAM
HSG: D

PROPOSED 34' WIDE
CRANE/ ACCESS ROAD

CULVERT J6-001

WETLAND: STCR_W022
TYPE: PEM

WETLAND: STCR_W023
TYPE: PEM

HVC
HOWLAND VERY STONY LOAM
HSG: D

JM HUBER
WEBBERTOWN_TWP011

ARGOSTOOK TIMBERLANDS, LLC
DUDLEY_TWP011

EXISTING FIRE
LOOKOUT TOWER

TURBINE: I3
LAT: 46° 17' 47.595" N
LONG: 68° 09' 43.175" W
NORTHING: 958952.95
EASTING: 1069683.86

VERNAL POOL 65IT

VERNAL POOL 68IT

SEE SHEET I103
FOR I3 ACCESS RD
PLAN & PROFILE

CULVERT I3-001

WETLAND: T8R3_W344
TYPE: PEM/PSS/PEM

VERNAL POOL 35DB

VERNAL POOL 36DB

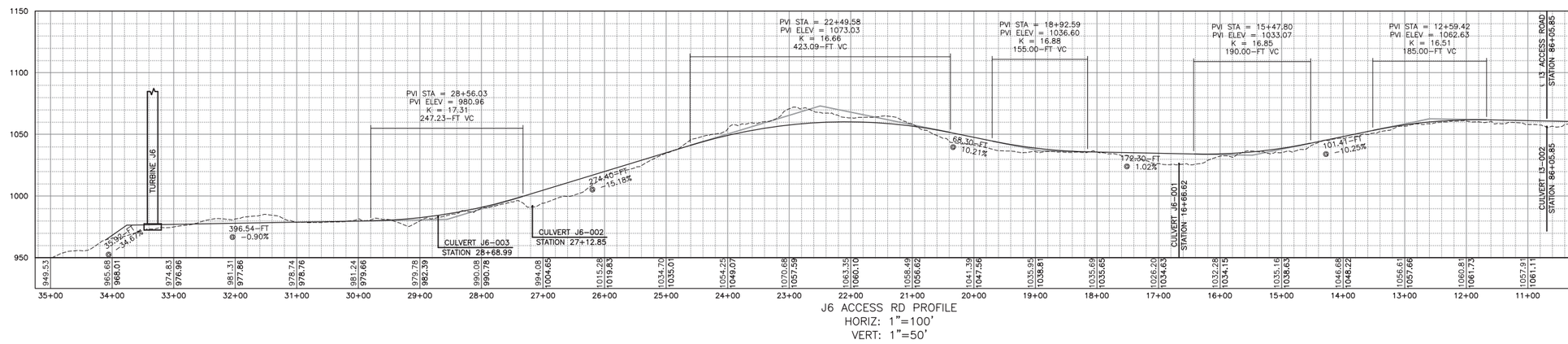
WETLAND: T8R3_W343
TYPE: PFO/PSS/PEM

PROPOSED 34' WIDE
CRANE/ ACCESS ROAD

CULVERT I3-002

PLAN VIEW
SCALE: 1"=100' (22X34)

LOCATION MAP



J6 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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NUMBER NINE WIND FARM

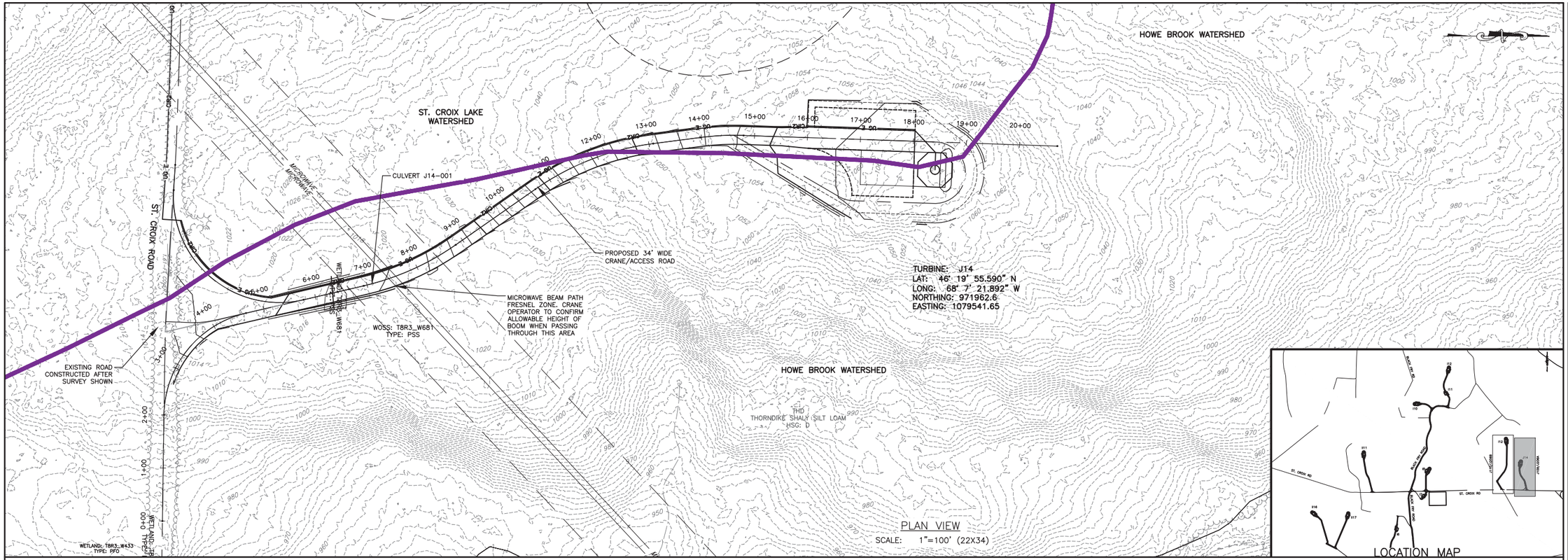
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

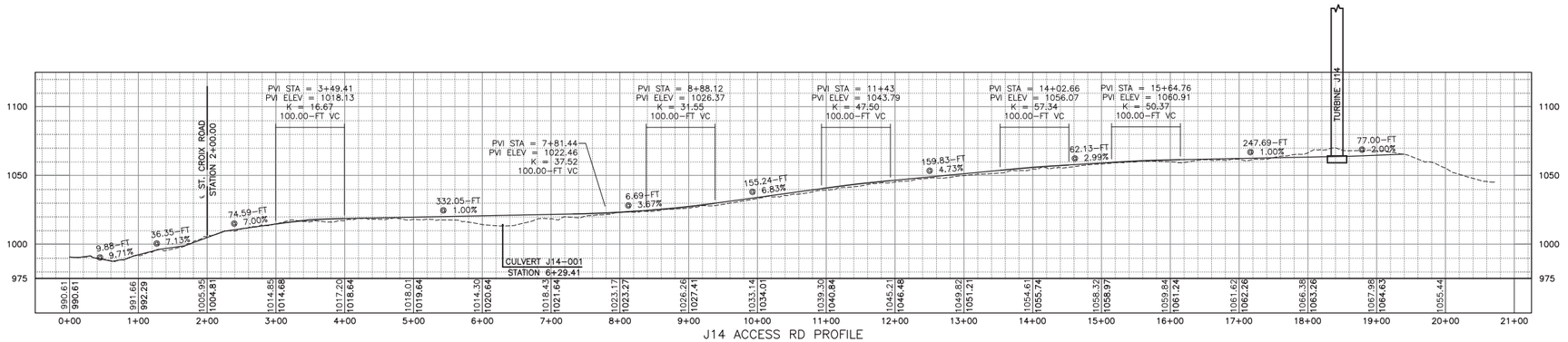
TITLE OF DRAWING
WTG J6 ACCESS ROAD PLAN SHEET

DRAWING NO.
J108

SHEET 213 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J108--J110 Sheets.dwg
DATE/TIME: 7/8/2015 12:50:08 PM
USER: Steven Mellott





100 FEET 0 100 200 300
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FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J108--J110 Sheets.dwg
DATE/TIME: 7/8/2015 12:50:46 PM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Common Street, Suite 103, Belfast, ME 04915
Phone: 207-338-3335

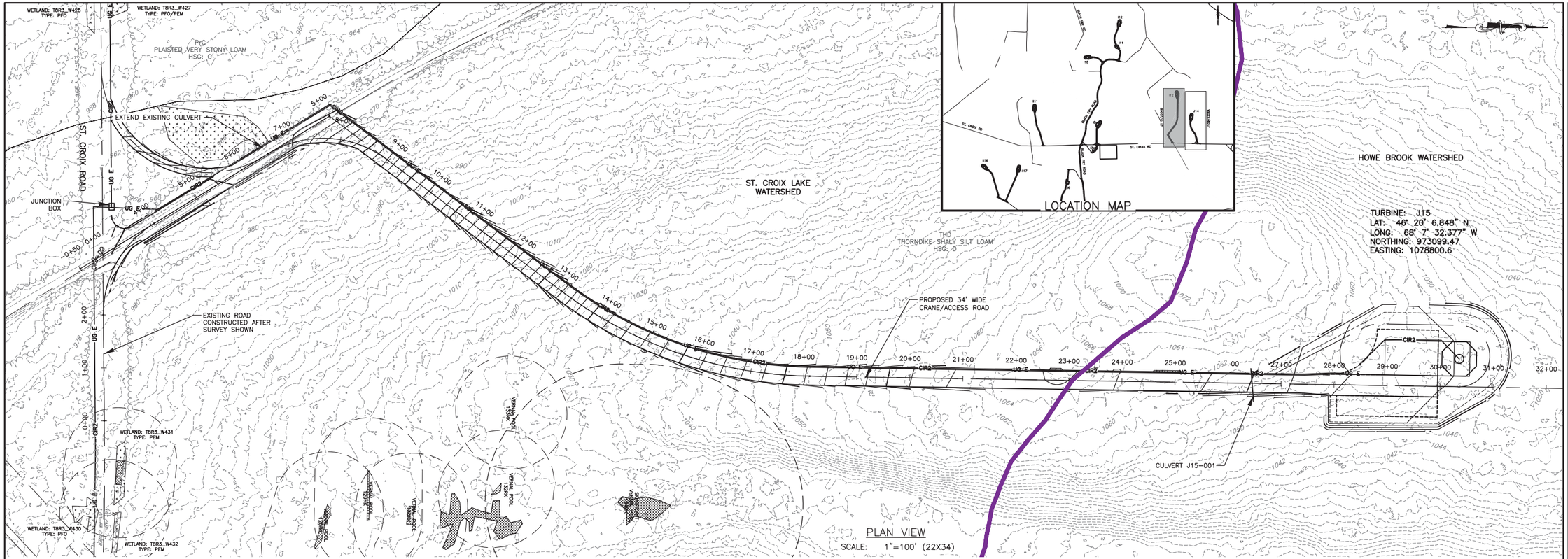
NUMBER NINE WIND FARM™

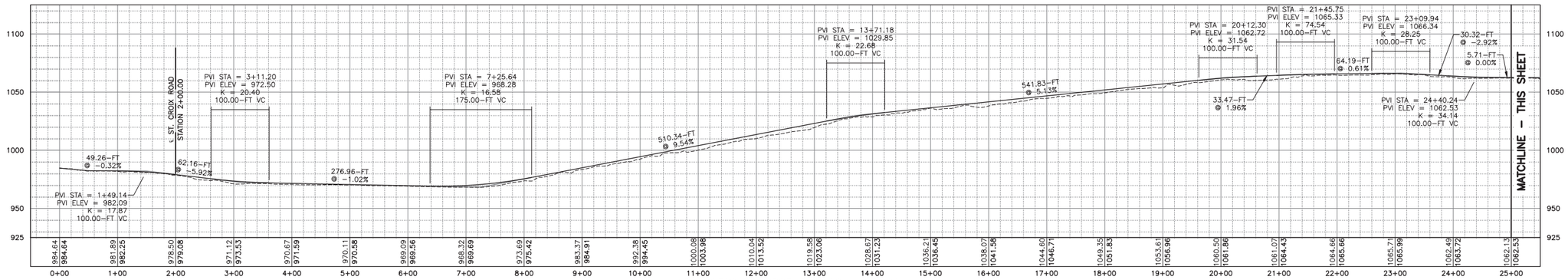
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG J14 ACCESS ROAD PLAN SHEET

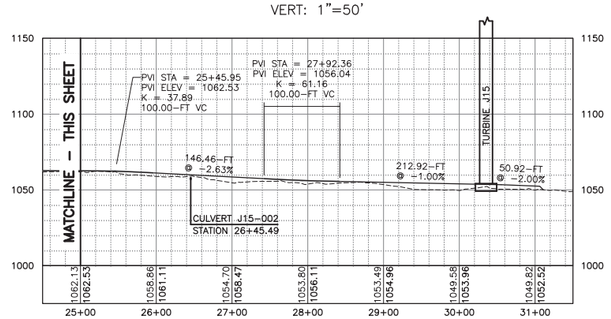
DRAWING NO.
J109

SHEET 214 OF 338





J15 ACCESS RD PROFILE 0+00 – 25+00
HORIZ: 1"=100'
VERT: 1"=50'



J15 ACCESS RD PROFILE 25+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street, Bangor, ME 04401
Phone: (207) 942-3333

NUMBER NINE WIND FARM®

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG J15 ACCESS ROAD PLAN SHEET

DRAWING NO.
J110

SHEET 215 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J108-J110 Sheets.dwg
DATE/TIME: 7/8/2015 12:51:33 PM
USER: Steven Mellott

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REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catamount Drive, Suite 305, Milton, VT 05468
Phone: 802.859.3375

NUMBER NINE WIND FARM®

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
JA ACCESS ROAD EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
J201

SHEET 216 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J201-J204 Sheets.dwg
DATE/TIME: 7/8/2015 12:53:02 PM
USER: Steven Mellott

PRC
PLAISTED VERY STONY LOAM
HSG: C

AROOSTOOK TIMBERLANDS, LLC
DUDLEY_TWP011

THE
THORNDIKE SHALY SILT LOAM
HSG: C/D

WETLAND: TYPE: PEM

WETLAND: TYPE: PEM

DT J7-03

DT J7-01

LAKEVILLE SHORES, INC.
T8_R3_WELS011

RS J7-01

TB 1024

60+59.90

TB 1023

TB 1025

DT J7-04

DT J7-02

TURBINE: J7
LAT: 46° 21' 43.154" N
LONG: 72° 41' 56.135" W
NORTHING: 959103.24
EASTING: 1078722.02

SELECTIVE CLEARING BUFFER (TYP)

PROPOSED 34' WIDE CRANE/ ACCESS ROAD

RESTORE PAD AREA TO VEGETATION WITHIN PHOSPHORUS WATERSHED (TYP)

WETLAND: TBR3_W395 TYPE: PEM

TP 119

TB 203

TB 1026

RS J1-02

DT J1-02

DT J1-01

RS J1-01

THD
THORNDIKE SHALY SILT LOAM
HSG: D

TURBINE: J1
LAT: 46° 21' 54.813" N
LONG: 72° 42' 00.601" W
NORTHING: 960303.22
EASTING: 1078480.99

WETLAND: TBR3_W396 TYPE: PFO

WETLAND: TBR3_W398 TYPE: PEM

REDUCE ROAD TO 16' WIDE WITHIN PHOSPHORUS WATERSHED (TYP)

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ ACCESS ROAD

ST. CROIX LAKE WATERSHED

DT JC-13

WETLAND: TYPE: PSS

REMOVE CULVERT EXTENSIONS, REDUCE TO 16' WIDE ACCESS ROAD, AND RESTORE AREAS WITHIN 25' OF DELINEATED STREAM BANKS AFTER CRANE WALKS ARE COMPLETE.

WETLAND: TBR3_W391 TYPE: PFO

WETLAND: TBR3_W394 TYPE: PEM

WETLAND: TBR3_W388 TYPE: PEM

RS JC-08

RS JC-07

RS JC-04

EXTEND EXISTING CULVERT

MATCHLINE – J201B

WETLAND: TBR3_W387 TYPE: PEM

DT JC-12

WETLAND: TBR3_W392 TYPE: PFO

WETLAND: TBR3_W389 TYPE: PEM

TO J2

PLAN VIEW
SCALE: 1"=100' (22X34)

LOCATION MAP

THB
THORNDIKE SHALY SILT LOAM
HSG: C/D

SEE J203A FOR J5 ACCESS RD EROSION & SEDIMENT CONTROLS

TO J5

TP 1028

ST. CROIX LAKE WATERSHED

SEE J201A FOR J-C ACCESS RD EROSION & SEDIMENT CONTROLS

THC
THORNDIKE SHALY SILT LOAM
HSG: D

LAKEVILLE SHORES, INC.
T8_R3_WELS011

CULVERT J5-001

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ ACCESS ROAD

THD
THORNDIKE SHALY SILT LOAM
HSG: D

CULVERT JC-001

JUNCTION BOX

RS JB-01

DT JB-01

DT JB-02

DT JB-03

EXTEND EXISTING CULVERT

DT JC-06

MATCHLINE – J201B

CULVERT J8-001

SEE J203A FOR J8 ACCESS RD EROSION & SEDIMENT CONTROLS

TURBINE: J8
LAT: 46° 18' 11.043" N
LONG: 68° 8' 8.299" W
NORTHING: 961357.53
EASTING: 1076334.24

PRC
PLAISTED VERY STONY LOAM
HSG: C

DT JC-07

TO J7

TP 1030

PLAN VIEW J202B
SCALE: 1"=100' (22X34)

LOCATION MAP

WETLAND: TYPE: PEM

100 FEET 0 100 200 300
Scale: 1"=100'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J201-J204 Sheets.dwg
DATE/TIME: 7/8/2015 12:53:41 PM
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Commercial Street, Suite 320, Portland, ME 04101 Phone: 207.775.2202

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
AR JA, JB, WTG J1 AND WTG J7 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
J202

SHEET 217 OF 338

TURBINE: J5
LAT: 46° 18' 22.191" N
LONG: 68° 8' 7.518" W
NORTHING: 962487.01
EASTING: 1076383.83

SEE J202B FOR J-B ACCESS RD EROSION & SEDIMENT CONTROLS

TO J-C ACCESS RD

LAKEVILLE SHORES, INC.
T8_R3_WELS011

TP 1029

CULVERT J5-001

CULVERT J8-001

TP 1028

DT J5-01

DT J5-01B

DT J5-01A

PROPOSED 34' WIDE CRANE/ ACCESS ROAD

THD
THORNDIKE SHALY SILT LOAM
HSG: D

PRC
PLAISTED VERY STONY LOAM
HSG: C

DT J8-02

WETLAND:
TYPE: PFO

TP 1030

DT J8-01

RS J8-01

TURBINE: J8
LAT: 46° 18' 11.043" N
LONG: 68° 8' 8.299" W
NORTHING: 961357.53
EASTING: 1076334.24

THB
THORNDIKE SHALY SILT LOAM
HSG: C/D

WETLAND:
TYPE: PEM

PLAN VIEW J203A
SCALE: 1"=100' (22X34)

LOCATION MAP

WETLAND: T8R3_W379
TYPE: PSS

TP 1031

TP 1032

WETLAND: T8R3_W380
TYPE: PEM

WETLAND: T8R3_W382
TYPE: PFO

WETLAND: T8R3_W381
TYPE: PEM

CULVERT JC-002

CULVERT J2-001

DT JC-07

DT J2-01

THD
THORNDIKE SHALY SILT LOAM
HSG: D

PROPOSED 34' WIDE CRANE/ ACCESS ROAD

CARLISLE POND PHOSPHORUS WATERSHED

HVB
HOWLAND VERY STONY LOAM
HSG: D

ST. CROIX LAKE WATERSHED

WETLAND: T8R3_W644
TYPE: PFO/PEM

LAKEVILLE SHORES, INC.
T8_R3_WELS011

DT J2-02

RS J2-01A

RS J2-01B

RESTORE PAD AREA TO VEGETATION WITHIN PHOSPHORUS WATERSHED (TYP)

THE
THORNDIKE SHALY SILT LOAM
HSG: C/D

THD
THORNDIKE SHALY SILT LOAM
HSG: D

SEE J201B FOR J-C ACCESS RD EROSION & SEDIMENT CONTROLS

WETLAND: T8R3_W643
TYPE: PFO

RS J2-01C

WETLAND: T8R3_W384
TYPE: PEM

WETLAND: T8R3_W383
TYPE: PEM

THC
THORNDIKE SHALY SILT LOAM
HSG: D

EXTEND EXISTING CULVERT

TP 120

TP 1035

NORTH POND PHOSPHORUS WATERSHED

DT J2-03

DT J2-04

TURBINE: J2
LAT: 46° 22' 06.559" N
LONG: 72° 41 55.385" W
NORTHING: 961470.58
EASTING: 1078919.41

PLAN VIEW J203B
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

LOCATION MAP

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 J201-J204 Sheets.dwg
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
100 Corporate Parkway, Suite 217, Buffalo, New York 14226-1307
Phone: 585-204-1310

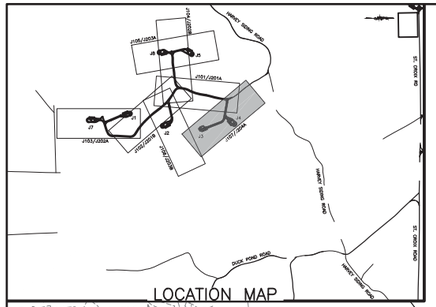
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG J2, WTG J5 AND WTG J8 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
J203

SHEET 218 OF 338



TURBINE: J4
LAT: 46° 18' 36.798" N
LONG: 68° 7' 32.284" W
NORTHING: 963978.13
EASTING: 1078850.24

TURBINE: J3
LAT: 46° 22' 19.399" N
LONG: 72° 41' 55.110" W
NORTHING: 962769.96
EASTING: 1079018.09

SEE J201A FOR J-A ACCESS ROAD EROSION & SEDIMENT CONTROLS

ST. CROIX LAKE WATERSHED

HARLSIE POND PHOSPHORUS WATERSHED

THC THORNDIKE SHALY SILT LOAM HSG: D

THD THORNDIKE SHALY SILT LOAM HSG: D

THE THORNDIKE SHALY SILT LOAM HSG: C/D

THB THORNDIKE SHALY SILT LOAM HSG: C/D

PRB PLAISTED VERY STONY LOAM HSG: C

LAKEVILLE SHORES, INC. T8_R3_WELS011

SELECTIVE CLEARING BUFFER (TYP)

RESTORE PAD AREA TO VEGETATION WITHIN PHOSPHORUS WATERSHED (TYP)

REDUCE ROAD TO 16' WIDE WITHIN PHOSPHORUS WATERSHED (TYP)

PROPOSED 34' WIDE CRANE/ ACCESS ROAD

EXTEND EXISTING CULVERT

TP 1033

TP 1024

TP 1036

RS J4-01

DT J4-01

DT J3-01

DT J3-02

DT J3-03

DT J3-04

DT J3-05

DT J3-06

DT JC-01

WETLAND: T8R3_W369 TYPE: PEM

WETLAND: T8R3_W370 TYPE: PFO

WETLAND: T8R3_W371 TYPE: PFO

WETLAND: T8R3_W372 TYPE: PFO

WETLAND: T8R3_W373 TYPE: PFO

WETLAND: T8R3_W374 TYPE: PEM

WETLAND: T8R3_W375 TYPE: PEM

WETLAND: T8R3_W645 TYPE: PFO

PLAN VIEW J204A
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG J3 AND WTG J4 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
J204

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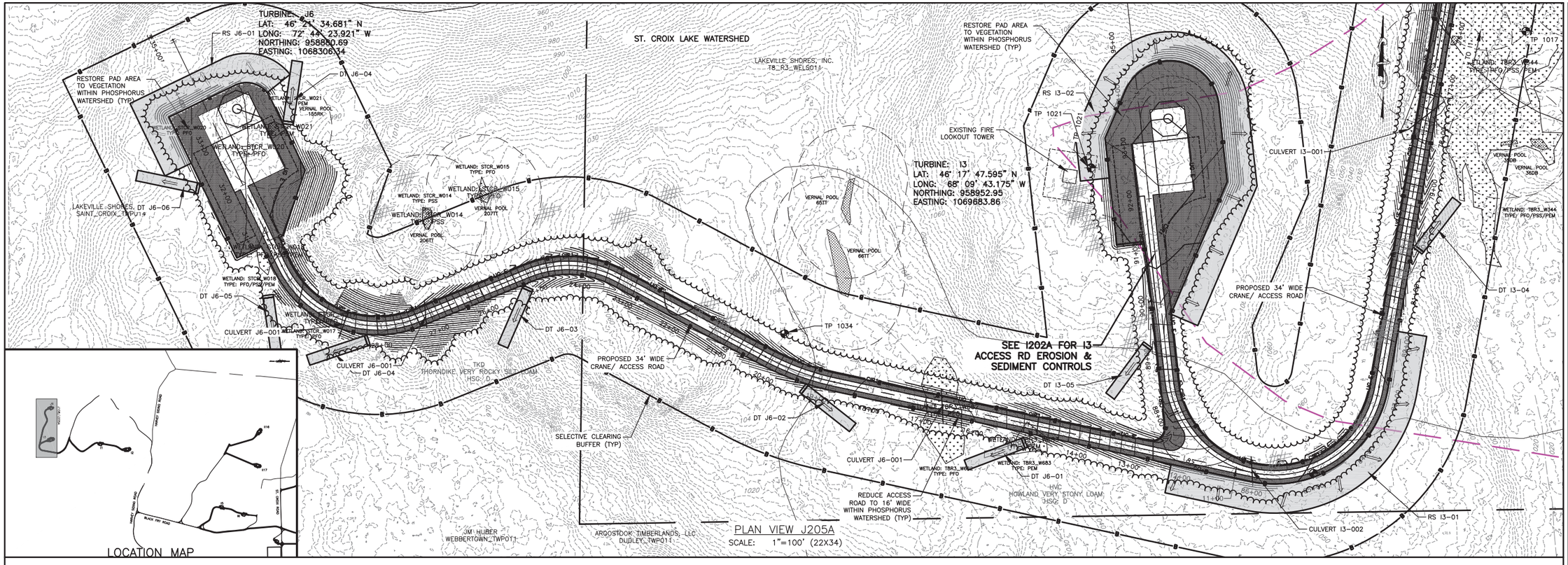

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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG J6 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
J205

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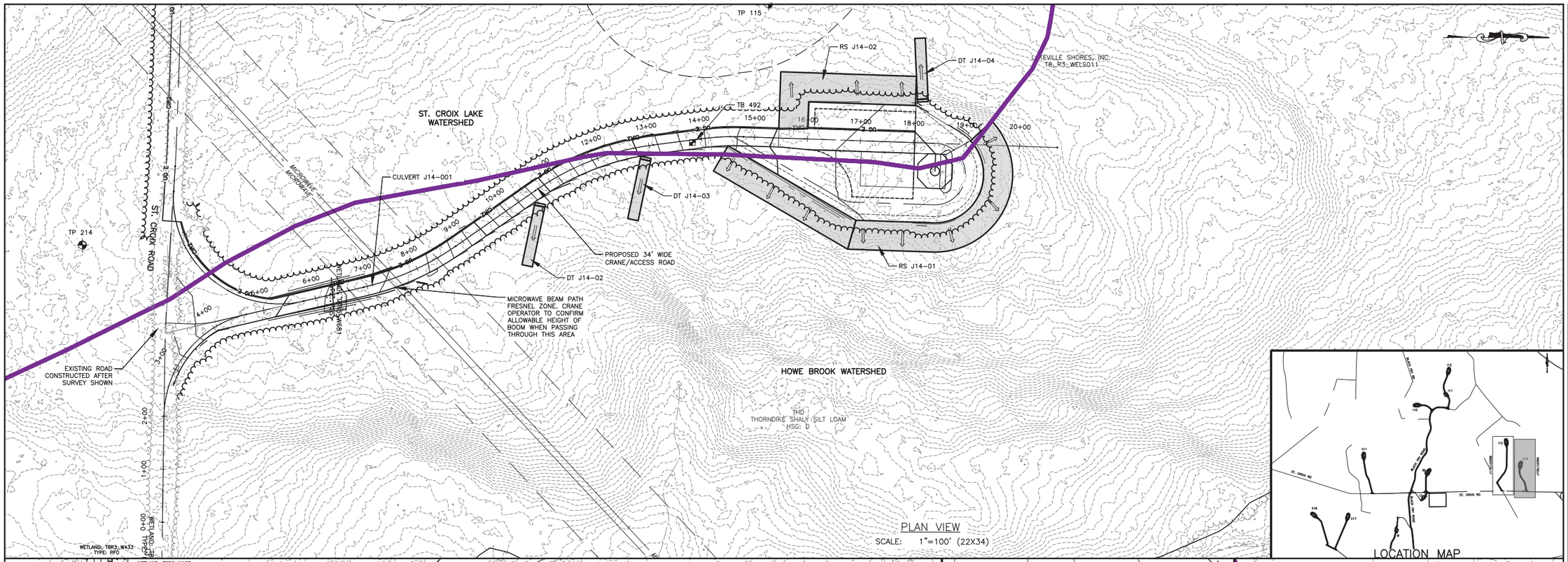

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NUMBER NINE WIND FARM

PROJECT
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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG J14 AND WTG J15 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
J206

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LL0

LL1

MM7

MM8

LL9

MET4

LL10

LL11

L103/L202A

L13

L14

L16

L15

L102/L201B

L101/L201A

HARVEY SIDING ROAD

ST. CROIX ROAD

ST. CROIX ROAD

500 FEET 0 500 1000 1500

Scale: 1"=500'

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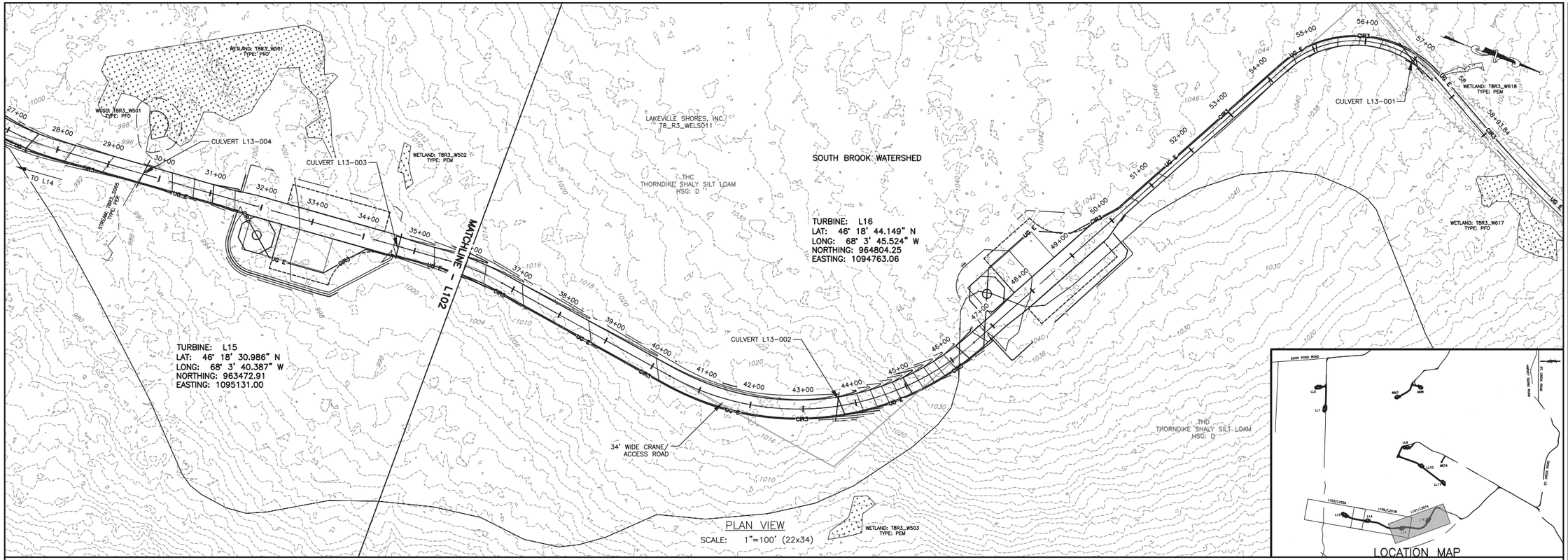
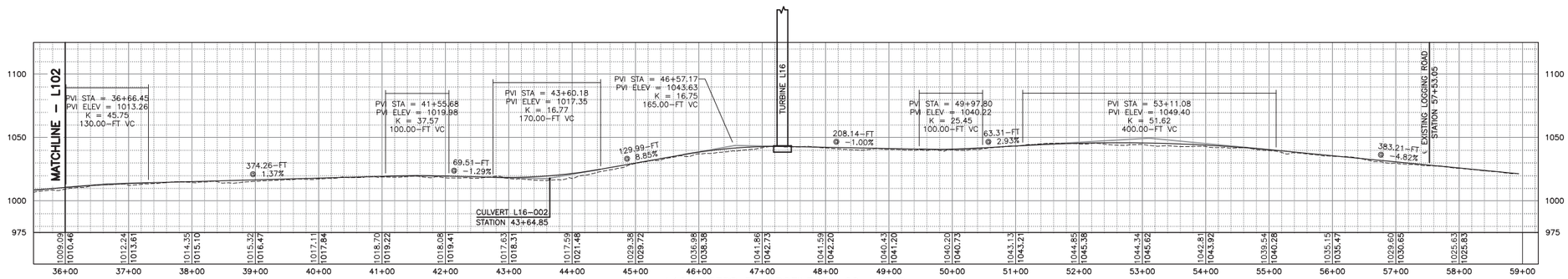
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
L-SHEETS INDEX PLAN

DRAWING NO.
L100



PLAN VIEW
SCALE: 1"=100' (22x34)



L16 ACCESS RD PROFILE 36+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG L16 ACCESS ROAD PLAN SHEET

DRAWING NO.
L101

SHEET 223 OF 338

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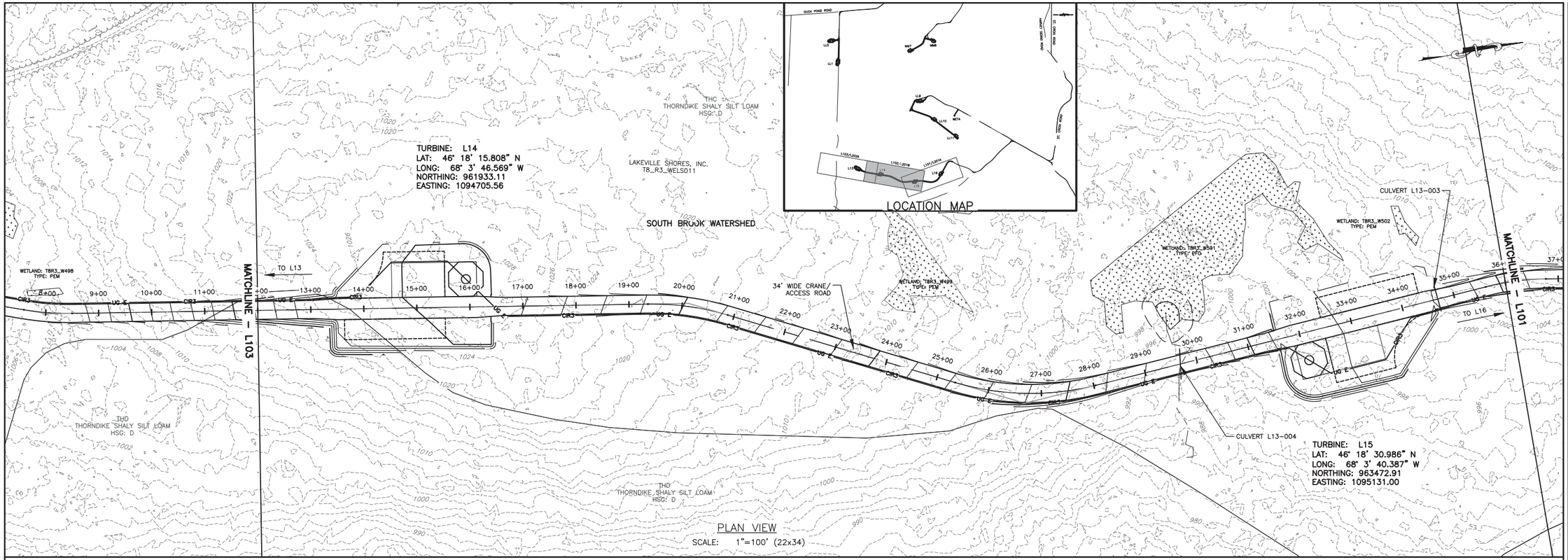

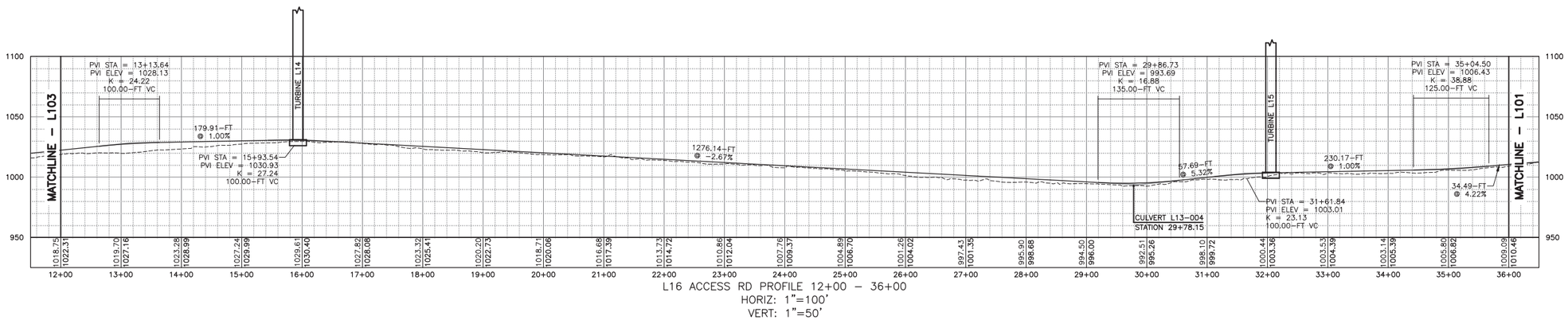

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FA PROJECT NO.
140009
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG L14 AND WTG L15 ACCESS ROAD PLAN SHEET

DRAWING NO.
L102

SHEET 224 OF 338

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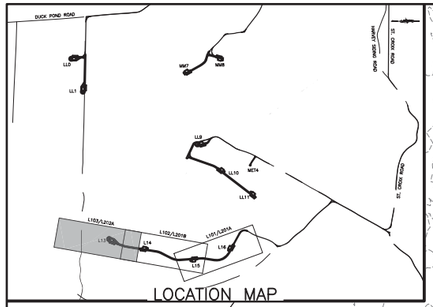
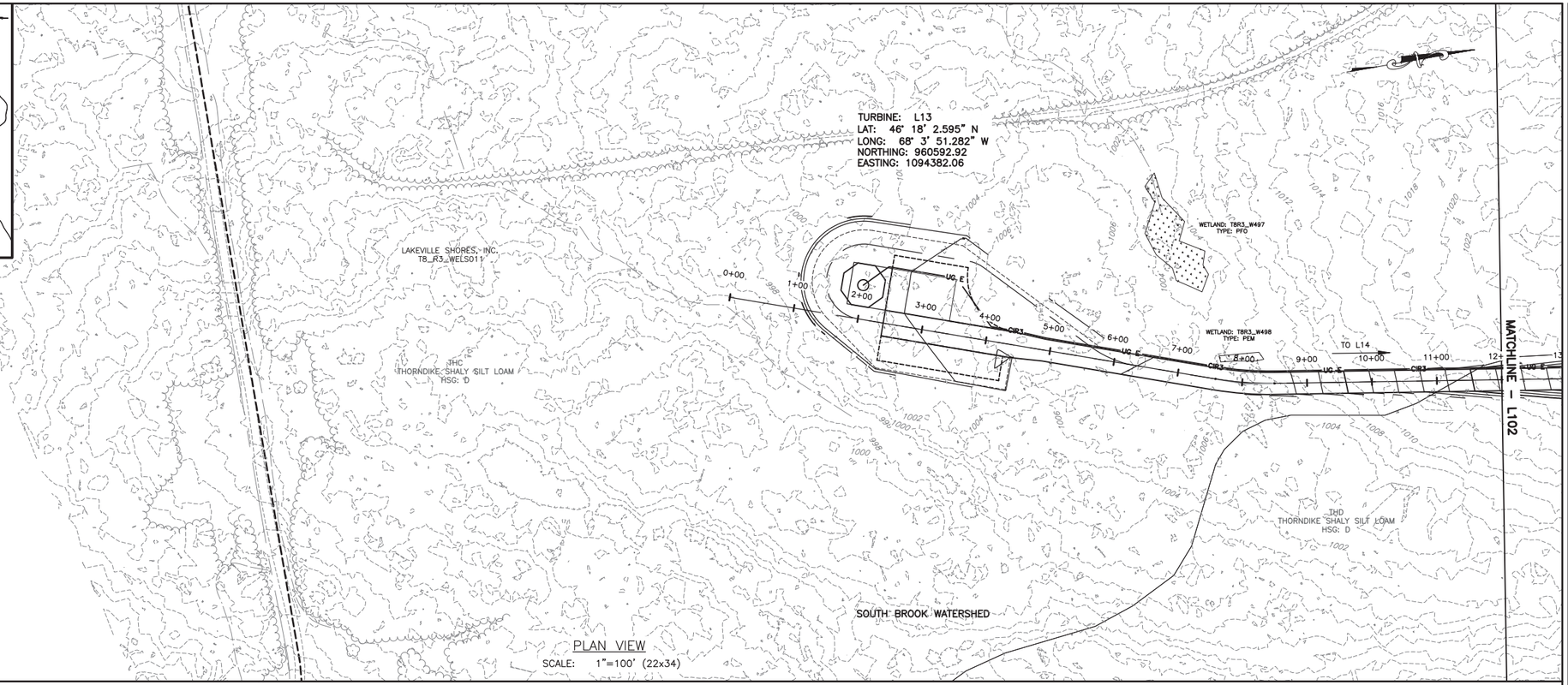
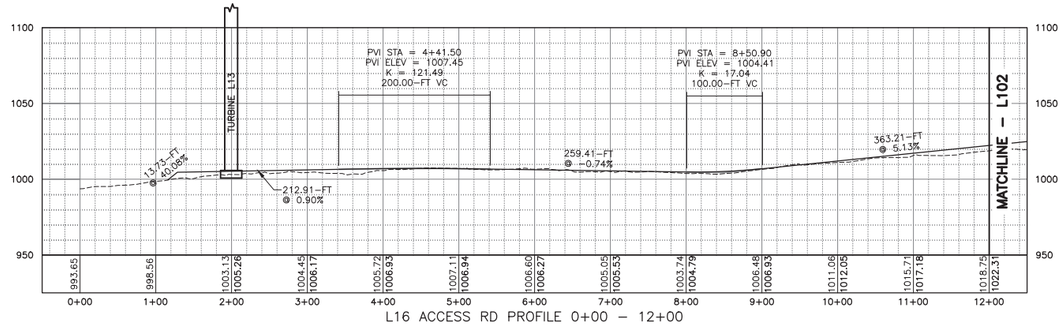


LOCATION MAP



PLAN VIEW
SCALE: 1"=100' (22x34)



L16 ACCESS RD PROFILE 0+00 – 12+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Common Street, Belfast, ME 04915
Phone: 207-338-3335

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG L13 ACCESS ROAD PLAN SHEET

DRAWING NO.
L103

SHEET 225 OF 338

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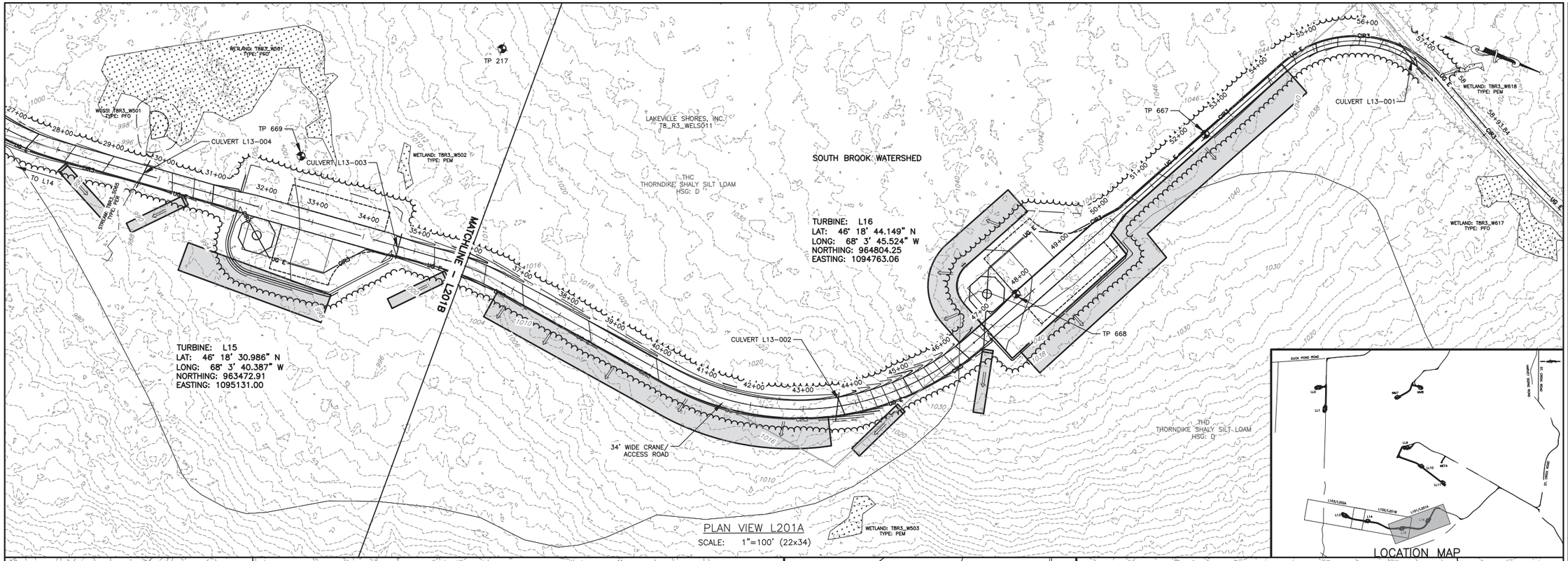

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FA PROJECT NO.
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PROJECT MANAGER
S. MELLOTT
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NUMBER NINE WIND FARM®

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG L13, L14, L15 AND L16 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
L201

SHEET 226 OF 338

DUCK POND ROAD
L10
L11
W6C
W6B
L9
L10
MT4
L11
L12
L13
L14
L15
L16
L17
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L45
L46
L47
L48
L49
L50

LL0
LL1
LL104/LL202B
MM7
MM8
LL9
LL101/LL201A
LL103/LL202A
LL102/LL201B
MET4
LL10
LL11
LL103/LL202A
HARVEY SIDING ROAD
ST. CROIX ROAD
ST. CROIX ROAD
L13
L14
L15
L16

500 FEET 0 500 1000 1500
Scale: 1"=500'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 LL100 Index.dwg
DATE/TIME: 7/8/2015 1:22:07 PM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

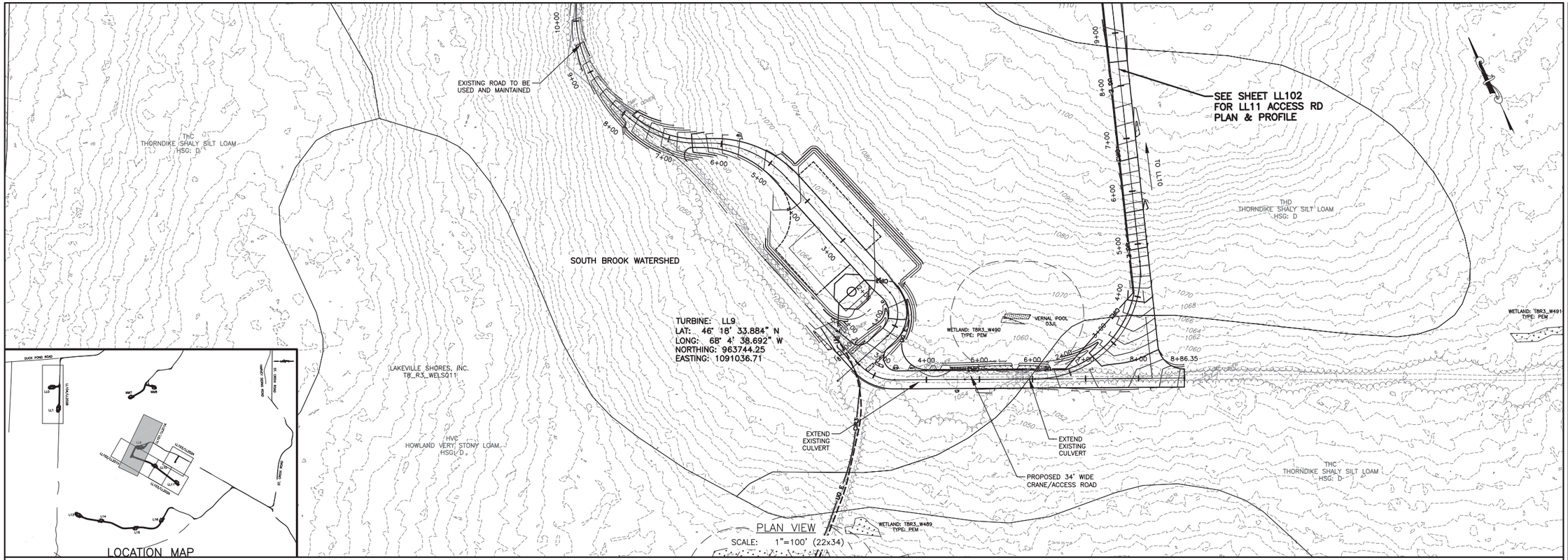
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
100 Commercial Street, Suite 304, Portland, ME 04101-4923
Phone: 207-774-2112 Fax: 207-774-2635

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
LL-SHEETS INDEX PLAN

DRAWING NO.
LL100


EXISTING ROAD TO BE USED AND MAINTAINED
SEE SHEET LL102 FOR LL11 ACCESS RD PLAN & PROFILE
TO LL10
THC
THORNDIKE SHALY SILT LOAM
HSG: D
THD
THORNDIKE SHALY SILT LOAM
HSG: D
SOUTH BROOK WATERSHED
TURBINE: LL9
LAT: 46° 18' 33.884" N
LONG: 68° 4' 38.692" W
NORTHING: 963744.25
EASTING: 1091036.71
LAKEVILLE SHORES, INC.
T8_R3_WELS011
HVC
HOWLAND VERY STONY LOAM
HSG: D
WETLAND: T8R3_W490
TYPE: PEM
VERNAL POOL
OSAL
WETLAND: T8R3_W491
TYPE: PEM
WETLAND: T8R3_W489
TYPE: PEM
EXTEND EXISTING CULVERT
EXTEND EXISTING CULVERT
PROPOSED 34' WIDE CRANE/ACCESS ROAD
THC
THORNDIKE SHALY SILT LOAM
HSG: D
PLAN VIEW
SCALE: 1"=100' (22x34)
LOCATION MAP
DUCK POND ROAD
ST. JOHN ROAD
LL9
LL10
LL11
LL12
LL13
LL14
LL15
LL16
MW1
MW2
MW3
MW4
MW5
MW6
MW7
MW8
MW9
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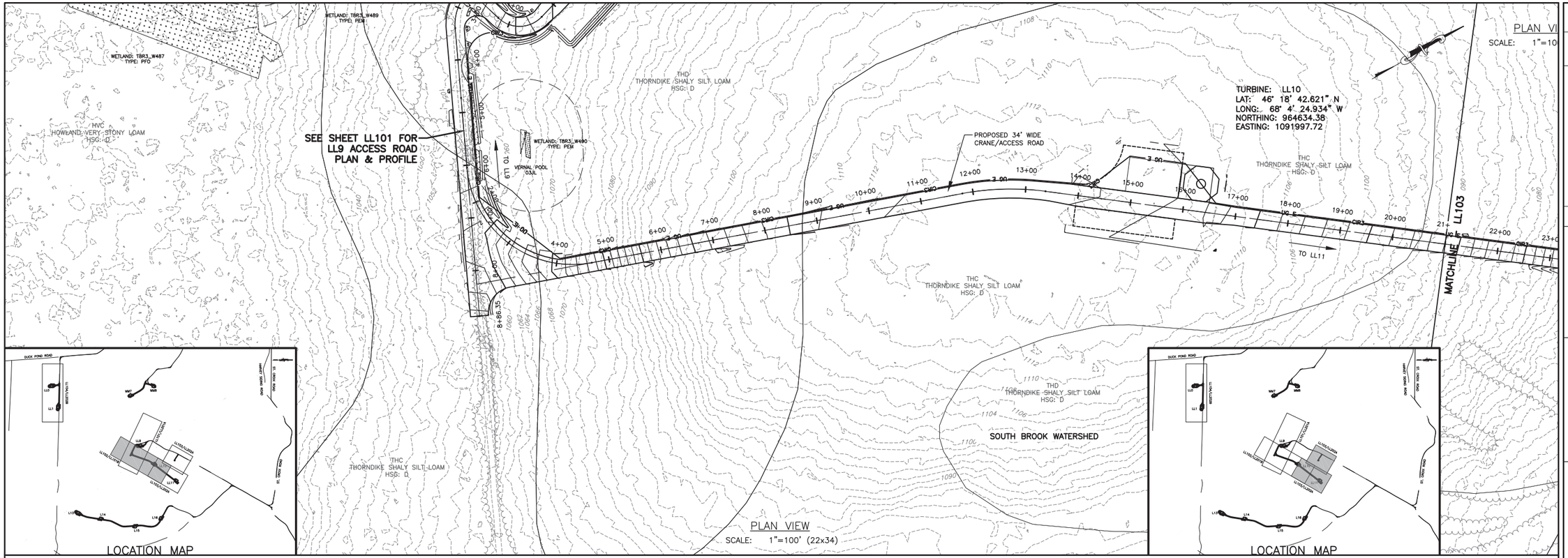
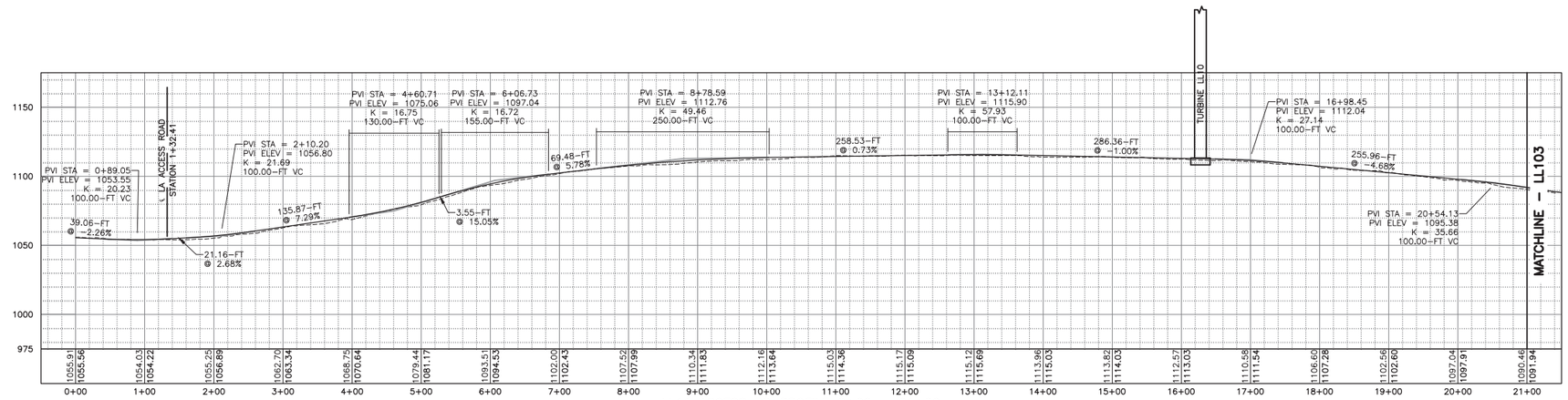
MW39
MW40





LL11 ACCESS RD PROFILE 0+00 - 21+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 CAMDEN STREET, ROCKLAND, ME 04841
PHONE: (207) 594-3139

NUMBER NINE WIND FARM

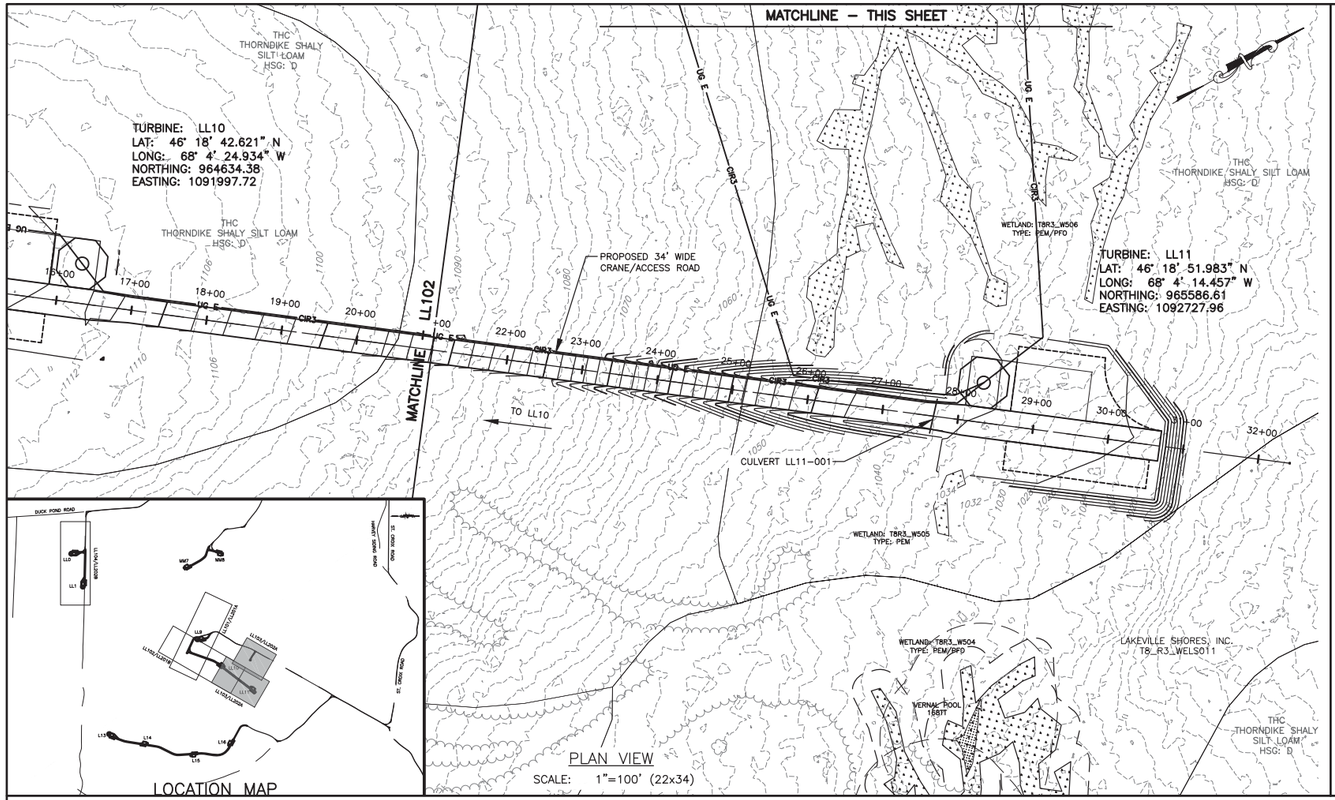
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

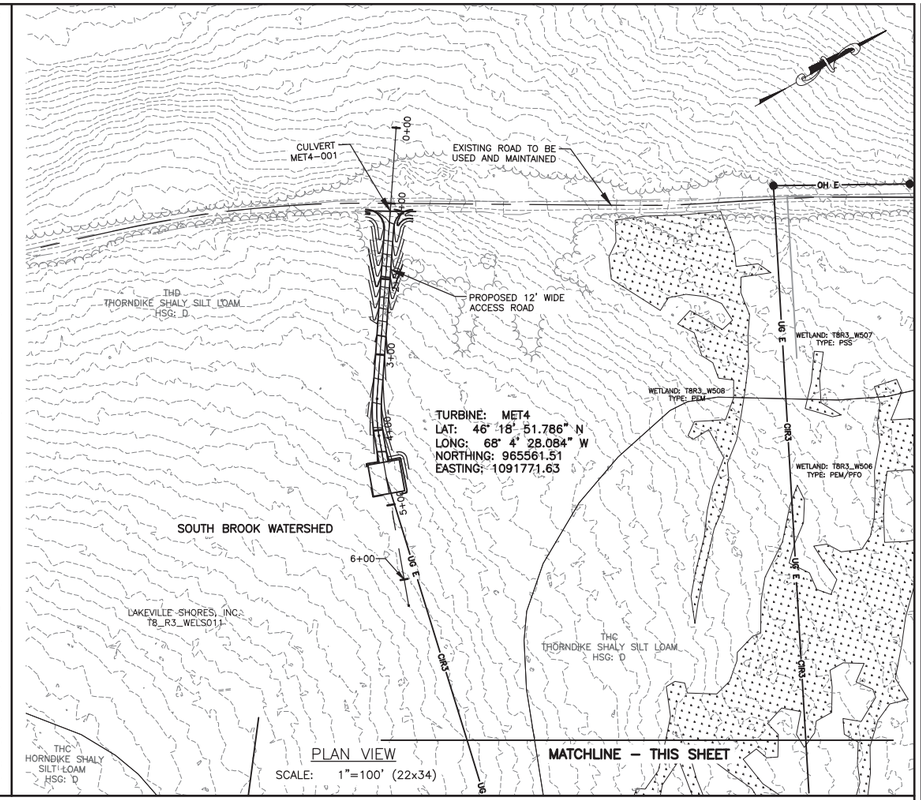
TITLE OF DRAWING
WTG LL10 ACCESS ROAD PLAN SHEET

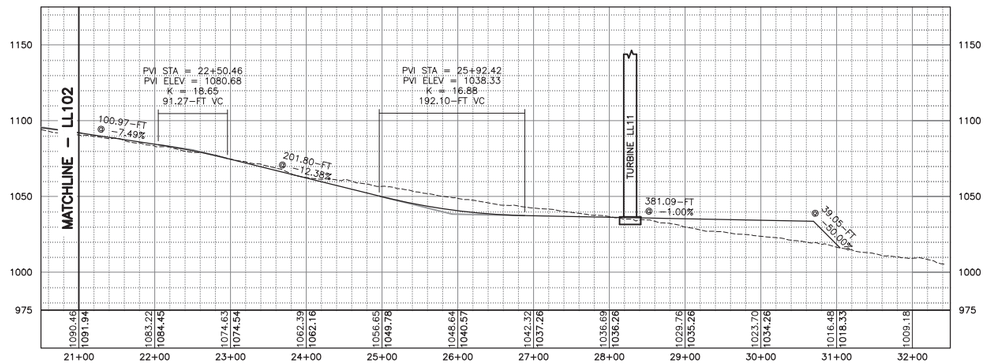
DRAWING NO.
LL102

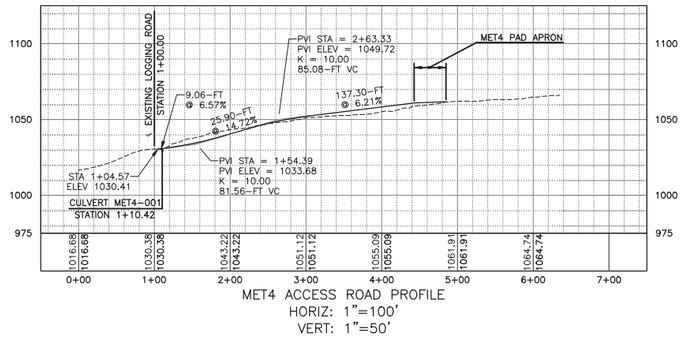
SHEET 230 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 LL101-LL104 Sheets.dwg
DATE/TIME: 7/8/2015 1:25:54 PM
USER: Steven Mellott









100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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2			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commerce Way, Suite 333, Portland, ME 04103
Phone: 207.774.1333

NUMBER NINE WIND FARM®

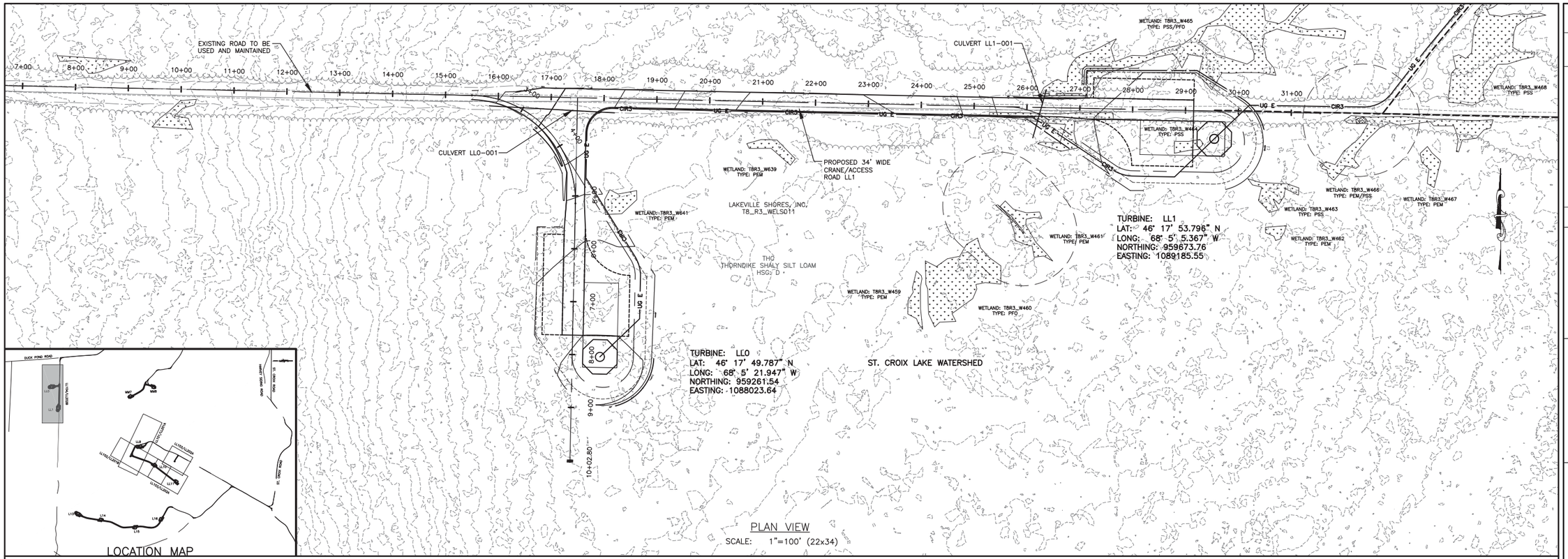
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG LL11 ACCESS ROAD PLAN SHEET

DRAWING NO.
LL103

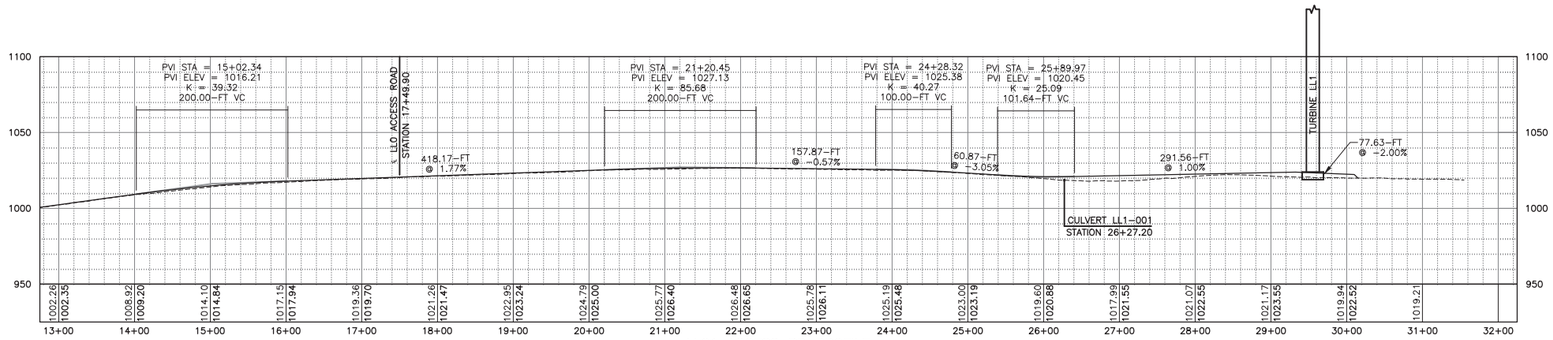
SHEET 231 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 LL101-LL104 Sheets.dwg
DATE/TIME: 7/8/2015 1:27:31 PM
USER: Steven Mellott

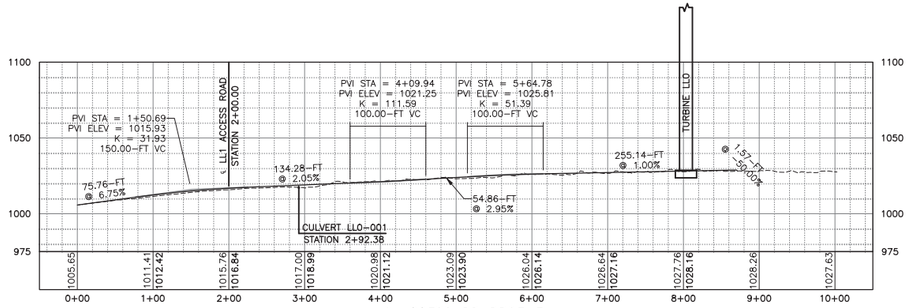


PLAN VIEW
SCALE: 1"=100' (22x34)

LOCATION MAP



LL01 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



LL0 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Corinth Road, Bangor, ME 04401
Phone: 207-990-3139

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG LL0 & LL1 ACCESS ROAD PLAN SHEET

DRAWING NO.
LL104

SHEET 232 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 LL101-LL104 Sheets.dwg
DATE/TIME: 7/8/2015 1:28:40 PM
USER: Steven Mellott

SEE LL201B FOR LL11 ACCESS RD EROSION & SEDIMENT CONTROLS

EXISTING ROAD TO BE USED AND MAINTAINED

RS LL9-01

THC
THORNDIKE SHALY SILT LOAM
HSG: D

SOUTH BROOK WATERSHED

TURBINE: LL9
LAT: 46° 18' 33.884" N
LONG: 68° 4' 38.692" W
NORTHING: 963744.25
EASTING: 1091036.71

TP 662

LAKEVILLE SHORES, INC.
T8_R3_WELS011

HVC
HOWLAND VERY STONY LOAM
HSG: D

EXTEND EXISTING CULVERT

WETLAND: T8R3_W490
TYPE: PEM

VERNAL POOL
OHI

WETLAND: T8R3_W491
TYPE: PEM

THD
THORNDIKE SHALY SILT LOAM
HSG: D

RS LL11-01

PROPOSED 34' WIDE CRANE/ACCESS ROAD

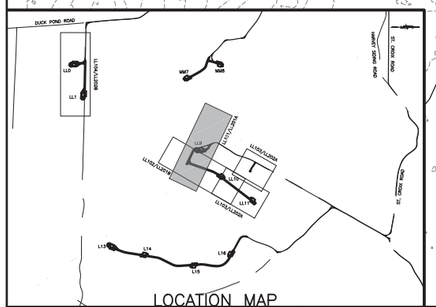
TO LL11

TP 218

WETLAND: T8R3_W489
TYPE: PEM

PLAN VIEW LL201A
SCALE: 1"=100' (22x34)

LOCATION MAP



SEE LL201A FOR LL9 ACCESS ROAD EROSION & SEDIMENT CONTROLS

WETLAND: T8R3_W487
TYPE: PFO

WETLAND: T8R3_W489
TYPE: PEM

WETLAND: T8R3_W490
TYPE: PEM

VERNAL POOL
OHI

TP 662

THD
THORNDIKE SHALY SILT LOAM
HSG: D

HVC
HOWLAND VERY STONY LOAM
HSG: D

TURBINE: LL10
LAT: 46° 18' 42.621" N
LONG: 68° 4' 24.934" W
NORTHING: 964634.38
EASTING: 1091997.72

RS LL10-01

PROPOSED 34' WIDE CRANE/ACCESS ROAD

THC
THORNDIKE SHALY SILT LOAM
HSG: D

TP 104

LAKEVILLE SHORES, INC.
T8_R3_WELS011

THC
THORNDIKE SHALY SILT LOAM
HSG: D

TO LL11

DT LL11-01
DT LL11-02
DT LL11-03
DT LL11-04
DT LL10-01
DT LL11-05

MATCHLINE: LL202A

PLAN VIEW LL202A2
SCALE: 1"=100' (22x34)

THD
THORNDIKE SHALY SILT LOAM
HSG: D

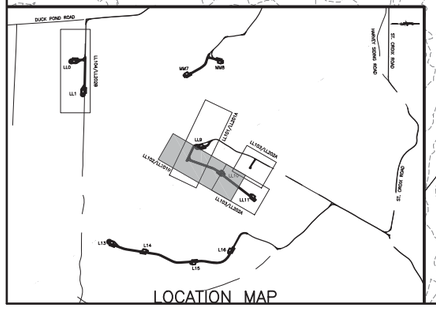
SOUTH BROOK WATERSHED

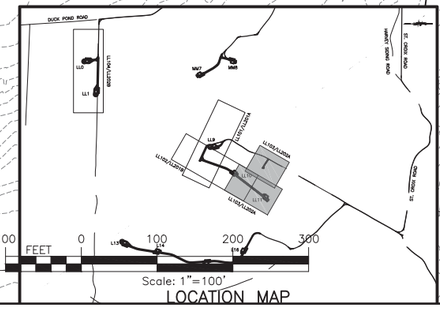
THC
THORNDIKE SHALY SILT LOAM
HSG: D

TP 218

PLAN VIEW LL201B
SCALE: 1"=100' (22x34)

LOCATION MAP





100 FEET 0 100 200 300
Scale: 1"=100'

LOCATION MAP

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street, Bangor, NY 14623
Phone (585) 334-3320

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG LL9, WTG LL10 AND WTG LL11 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
LL201

SHEET 233 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 LL201-LL202 Sheets.dwg
DATE/TIME: 7/8/2015 1:31:13 PM
USER: Steven Mellott

PLAN VIEW LL202A2
SCALE: 1"=100' (22x34)

MATCHLINE – LL202A1

TURBINE: LL10
LAT: 46° 18' 42.621" N
LONG: 68° 4' 24.934" W
NORTHING: 964634.38
EASTING: 1091997.72

TURBINE: LL11
LAT: 46° 18' 51.983" N
LONG: 68° 4' 14.457" W
NORTHING: 965586.61
EASTING: 1092727.96

LL01B

RS LL10-01
TP 104
DT LL10-01
DT LL11-04
DT LL11-05
DT LL11-06
DT LL11-07
DT LL11-08
DT LL11-09
DT LL11-10
RS LL11-02

WETLAND: TBR3_W506 TYPE: PEM/PFO
WETLAND: TBR3_W505 TYPE: PEM
WETLAND: TBR3_W504 TYPE: PEM/PFO

THC THORNDIKE SHALY SILT LOAM HSG: D

LAKEVILLE SHORES, INC. T8_R3_WELS011

VERNAL POOL 188FT

LOCATION MAP

PLAN VIEW LL202A1
SCALE: 1"=100' (22x34)

MATCHLINE – LL202A2

THD THORNDIKE SHALY SILT LOAM HSG: D

TURBINE: MET4
LAT: 46° 18' 51.786" N
LONG: 68° 4' 28.084" W
NORTHING: 965561.51
EASTING: 109177.1.63

SOUTH BROOK WATERSHED

WETLAND: TBR3_W507 TYPE: PSS
WETLAND: TBR3_W508 TYPE: PEM
WETLAND: TBR3_W506 TYPE: PEM/PFO

LAKEVILLE SHORES, INC. T8_R3_WELS011

PLAN VIEW LL202A2
SCALE: 1"=100' (22x34)

EXISTING ROAD TO BE USED AND MAINTAINED

DT LL1-01
DT LL1-02
RS LL1-01
DT LL1-03
DT LL1-04
CULVERT LL1-001
CULVERT LL0-001
RS LL0-01

PROPOSED 34' WIDE CRANE/ACCESS ROAD LL1

WETLAND: TBR3_W639 TYPE: PEM
WETLAND: TBR3_W641 TYPE: PEM
WETLAND: TBR3_W459 TYPE: PEM
WETLAND: TBR3_W460 TYPE: PFO
WETLAND: TBR3_W461 TYPE: PEM
WETLAND: TBR3_W462 TYPE: PEM
WETLAND: TBR3_W463 TYPE: PSS
WETLAND: TBR3_W464 TYPE: PSS
WETLAND: TBR3_W465 TYPE: PSS/PFO
WETLAND: TBR3_W466 TYPE: PEM/PSS
WETLAND: TBR3_W467 TYPE: PEM
WETLAND: TBR3_W468 TYPE: PSS

VERNAL POOL 128FT

TP 650
TP 651
TP 652
TP 653

TURBINE: LL1
LAT: 46° 17' 53.796" N
LONG: 68° 5' 5.367" W
NORTHING: 959673.76
EASTING: 1089185.55

TURBINE: LL0
LAT: 46° 17' 49.787" N
LONG: 68° 5' 21.947" W
NORTHING: 959261.54
EASTING: 1088023.64

ST. CROIX LAKE WATERSHED

THC THORNDIKE SHALY SILT LOAM HSG: D

LOCATION MAP

PLAN VIEW LL202B
SCALE: 1"=100' (22x34)

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
100 Commercial Street, Suite 304 Portland, Maine 04101 (207) 772-3627
Fax (207) 228-2375

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG LL0, WTG LL1 AND WTG LL11 DROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
LL202

SHEET 234 OF 338

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DATE/TIME: 7/8/2015 1:32:39 PM
USER: Steven Mellott

M1
M2
M3
M4
M5
M6
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M8
MET3
M101/M201A
M102/M201B
M103/M202A
M104/M202B
M105/M203A
M106/M203B
M107/M204A
M108/M204B
M109/M205A

500 0 500 1000 1500
FEET
Scale: 1"=500'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 M100 index.dwg
DATE/TIME: 7/8/2015 1:36:31 PM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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If an item bearing the seal of an engineer, land surveyor or architect, shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

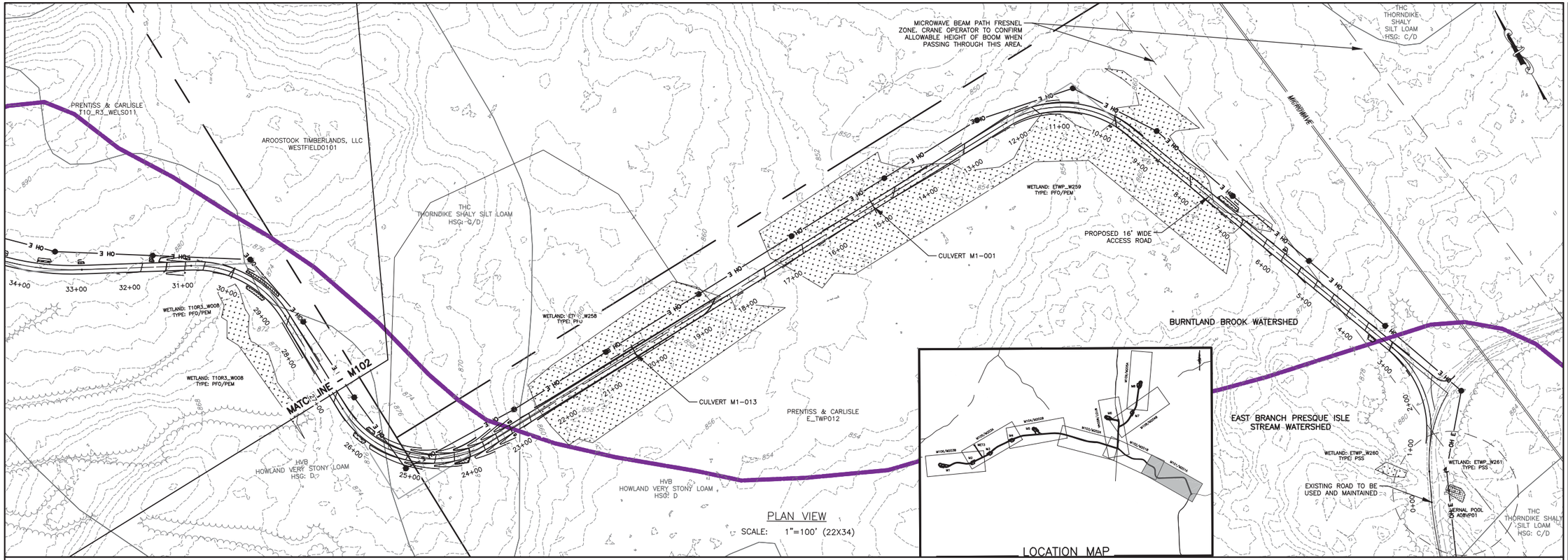
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commerce Way, Suite 1 Portland, ME 04103
Phone: 207-347-2523

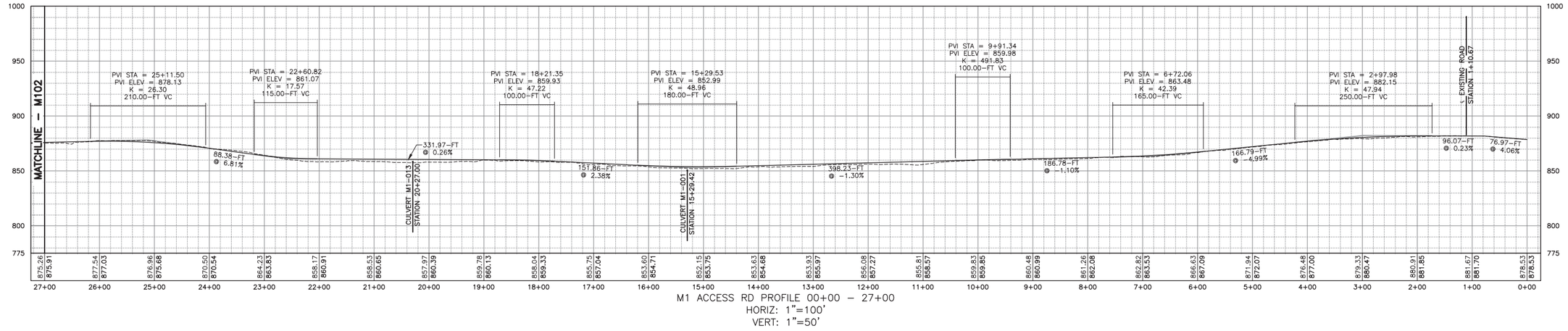
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
M-SHEETS INDEX PLAN

DRAWING NO.
M100





M1 ACCESS RD PROFILE 00+00 – 27+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
195 Center Street, Brewer, ME 04412
Phone: 207-989-3139

NUMBER NINE WIND FARM®

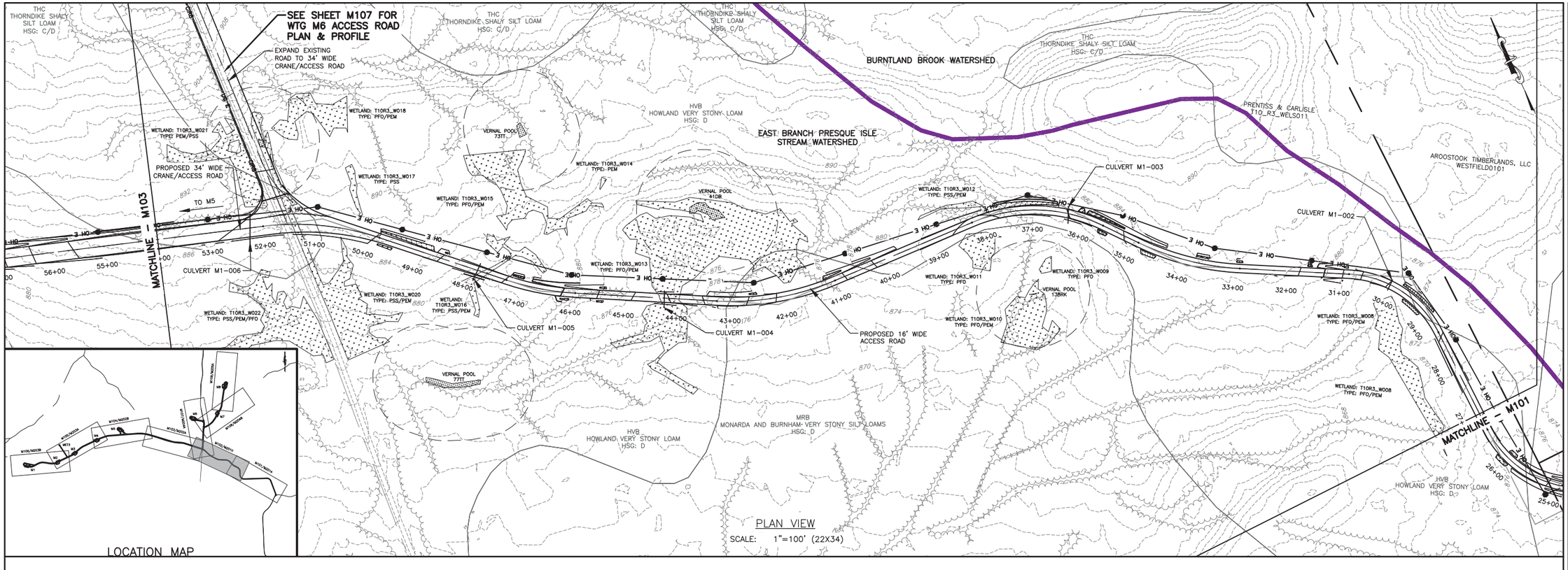
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

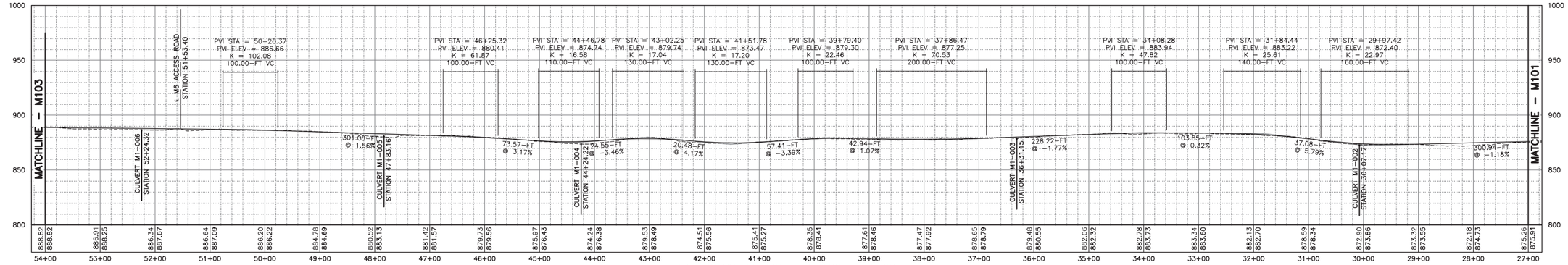
TITLE OF DRAWING
WTG M1 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
M101

SHEET 236 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 M101-M106 Sheets.dwg
DATE/TIME: 7/8/2015 1:38:12 PM
USER: Steven Mellott





M1 ACCESS RD PROFILE 27+00 – 54+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM®

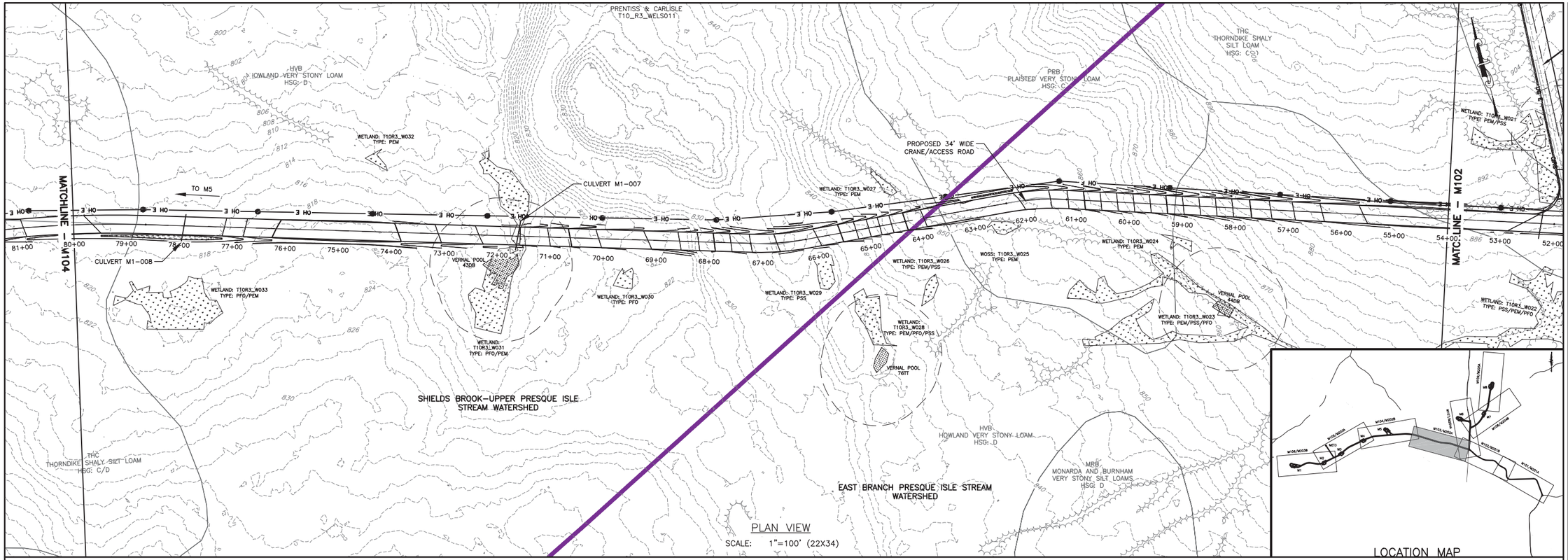
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

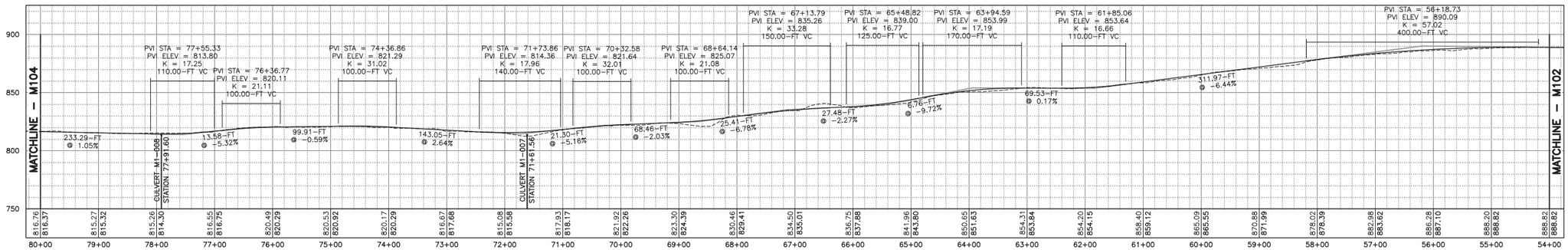
TITLE OF DRAWING
WTG M1 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
M102

SHEET 237 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 M101-M106 Sheets.dwg
DATE/TIME: 7/8/2015 1:38:51 PM
USER: Steven Mellott





M1 ACCESS RD PROFILE 54+00 – 80+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commerce Way, Suite 102, Portland, ME 04103
Phone: 207.774.2112

NUMBER NINE WIND FARM

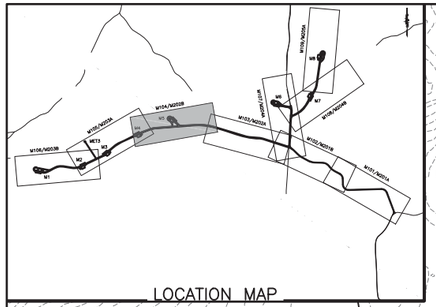
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG M1 ACCESS ROAD PLAN SHEET 3

DRAWING NO.
M103

SHEET 238 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 M101-M106 Sheets.dwg
DATE/TIME: 7/8/2015 1:39:30 PM
USER: Steven Mellott



LOCATION MAP

PRENTISS & CARLISLE
T10_R3_WELS011

TURBINE: M5
LAT: 46° 30' 46.496" N
LONG: 68° 4' 11.118" W
NORTHING: 1037963.84
EASTING: 1092568.64

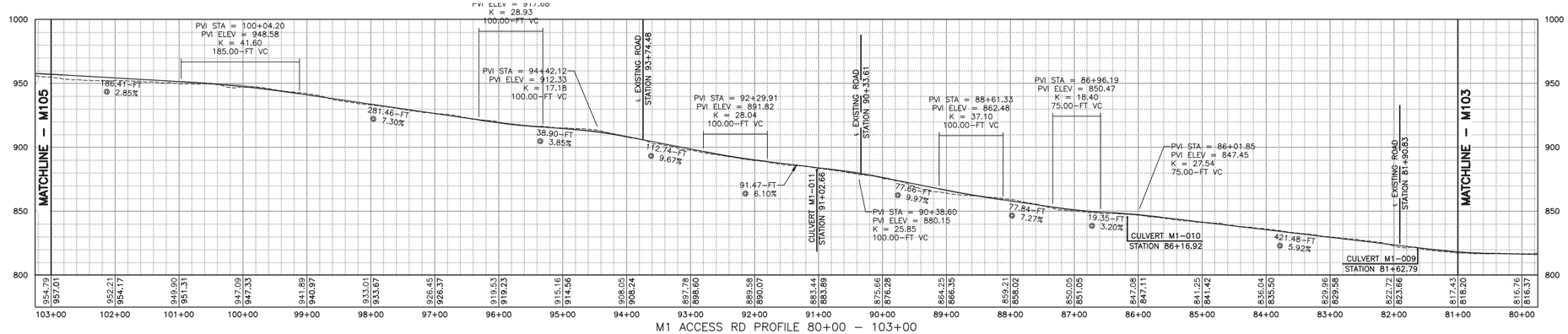
SHIELDS BROOK-UPPER PRESQUE ISLE STREAM WATERSHED

HVB
HOWLAND VERY STONY LOAM
HSG: D

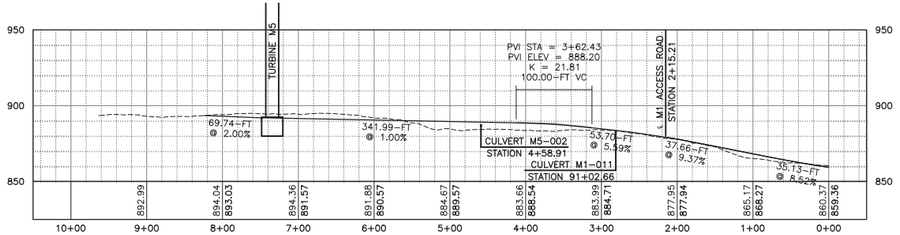
THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

CULVERT M5-002
PROPOSED 34' WIDE CRANE/ACCESS ROAD
CULVERT M5-001
PROPOSED 34' WIDE CRANE/ACCESS ROAD
WETLAND: T10R3_W035 TYPE: PEM
WETLAND: T10R3_W041 TYPE: PEM
CULVERT M1-009
CULVERT M1-011
CULVERT M1-010
CULVERT M1-009A
WETLAND: T10R3_W034 TYPE: PEM
MATCHLINE - M105
MATCHLINE - M103
TO M4
WETLAND: T10R3_W037 TYPE: PFO
VERNAL POOL 7811'
WETLAND: T10R3_W036 TYPE: PEM
VERNAL POOL 8011'
VERNAL POOL 4508'
THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

PLAN VIEW
SCALE: 1"=100' (22X34)



M1 ACCESS RD PROFILE 80+00 - 103+00
HORIZ: 1"=100'
VERT: 1"=50'



M5 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Cabot Road, Suite 1 Orono, ME 04473
Phone: 207-723-1330

NUMBER NINE WIND FARM

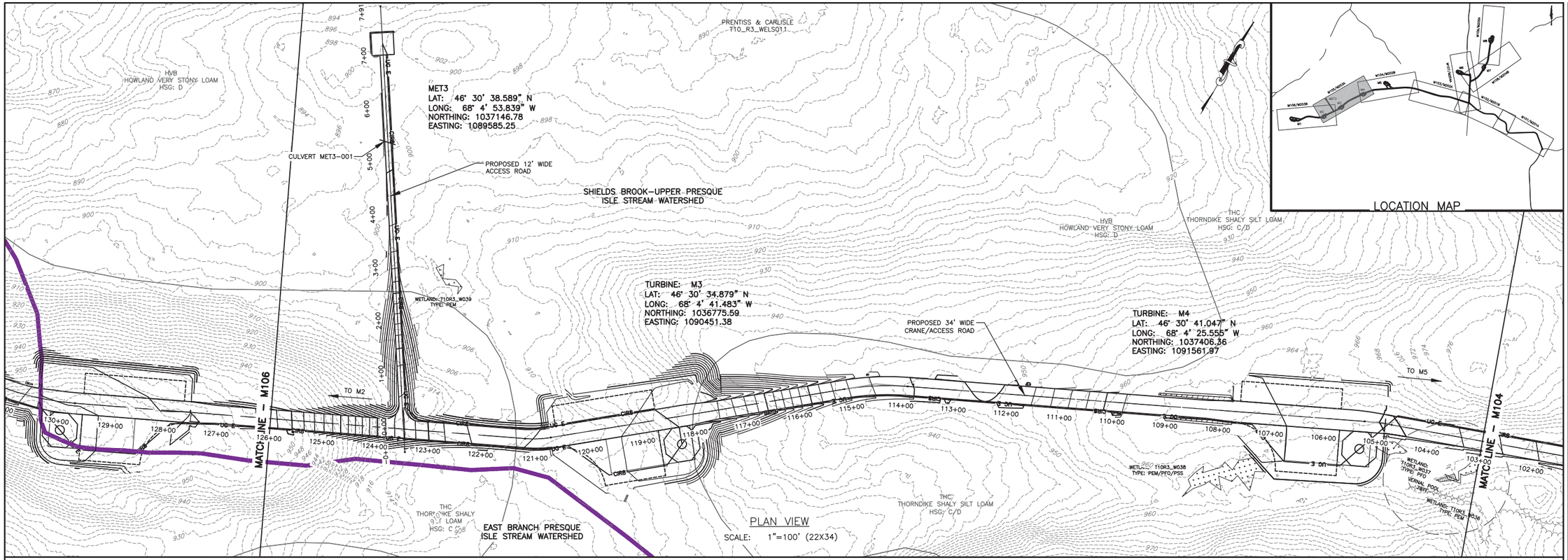
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG M1 AND WTG M5 ACCESS ROAD PLAN SHEET

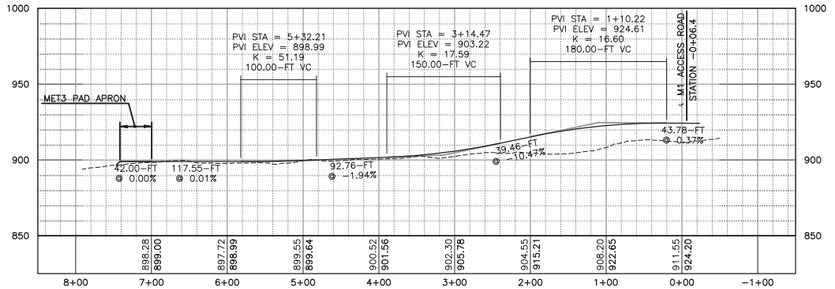
DRAWING NO.
M104

SHEET 239 OF 338

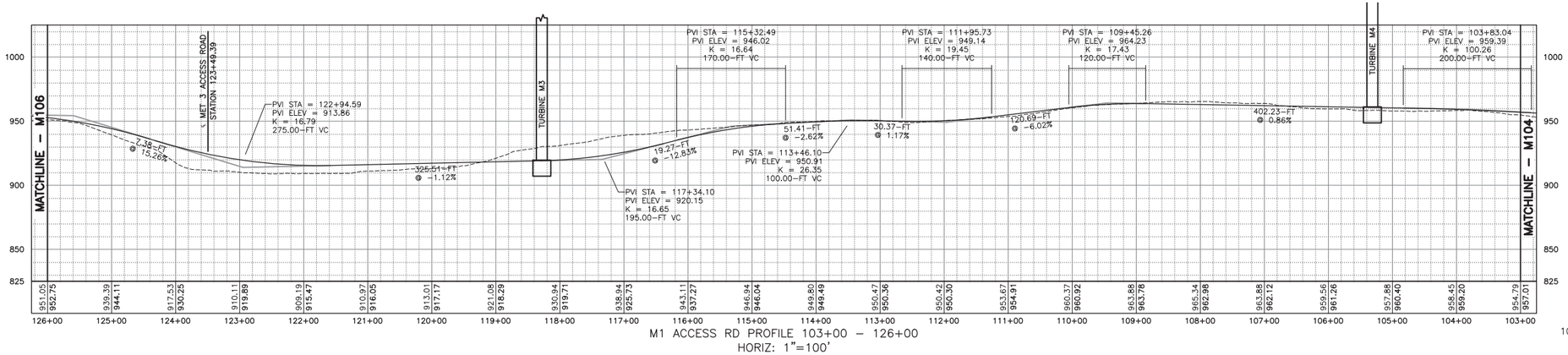
FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 M101-M106 Sheets.dwg
DATE/TIME: 7/8/2015 1:40:19 PM
USER: Steven Mellott



PLAN VIEW
SCALE: 1"=100' (22X34)



MET3 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'



M1 ACCESS RD PROFILE 103+00 - 126+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Commercial Street, Suite 301, Portland, ME 04101
Phone: 207-774-3133

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

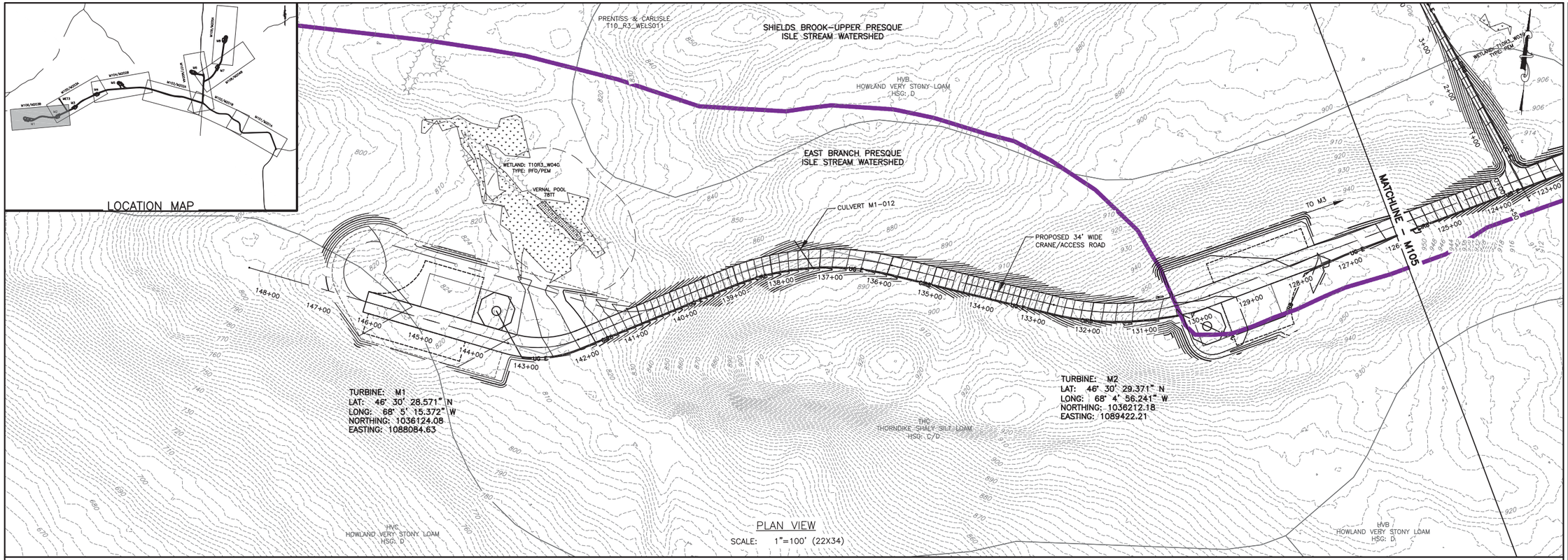
TITLE OF DRAWING
WTG M1, WTG M3, WTG M4 AND MET 3 ACCESS ROAD PLAN AND PROFILE SHEET

DRAWING NO.
M105

SHEET 240 OF 338

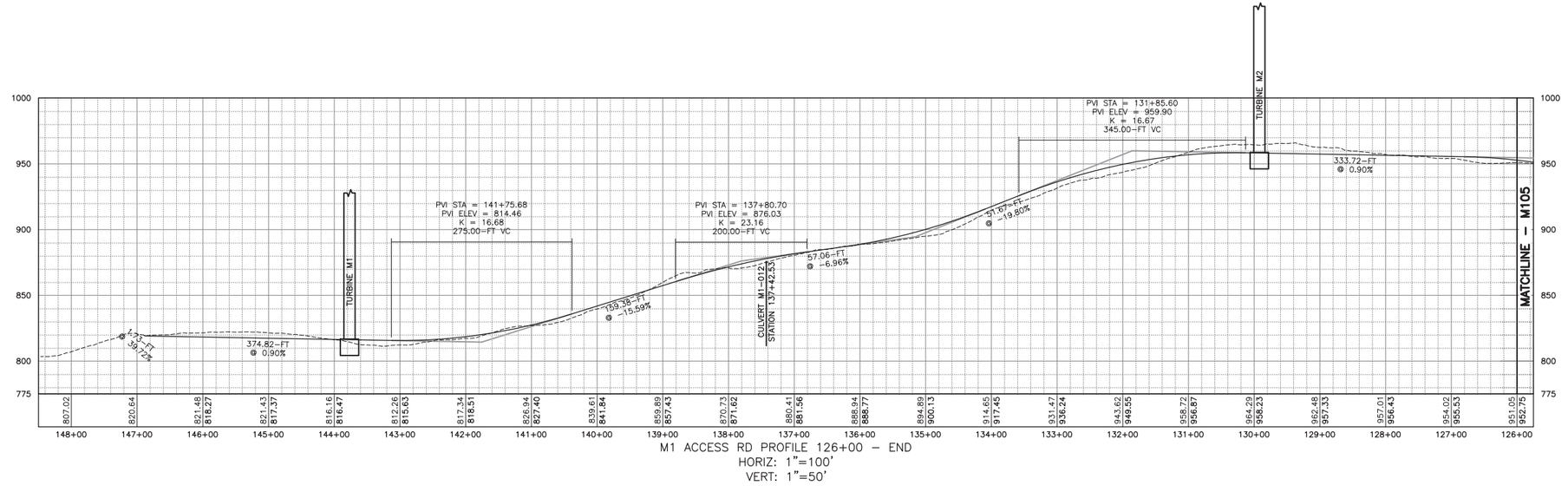
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 M101-M106 Sheets.dwg
DATE/TIME: 7/8/2015 1:41:09 PM
USER: Steven Mellott

LOCATION MAP



PLAN VIEW

SCALE: 1"=100' (22X34)



M1 ACCESS RD PROFILE 126+00 – END

HORIZ: 1"=100'

VERT: 1"=50'

100 FEET 0 100 200 300

Scale: 1"=100'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 M101-M106 Sheets.dwg
DATE/TIME: 7/8/2015 1:41:48 PM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

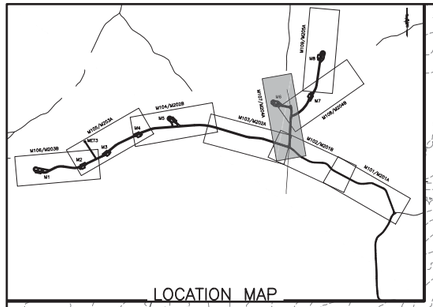
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Common Street, Belfast, ME 04915
Phone: 207.338.3335

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG M1 AND WTG M2 ACCESS ROAD PLAN SHEET

DRAWING NO.
M106


M106/M0038
M105/M0037
M104/M0036
M103/M0035
M102/M0034
M101/M0033
M100/M0032
M99/M0031
M98/M0030
M97/M0029
M96/M0028
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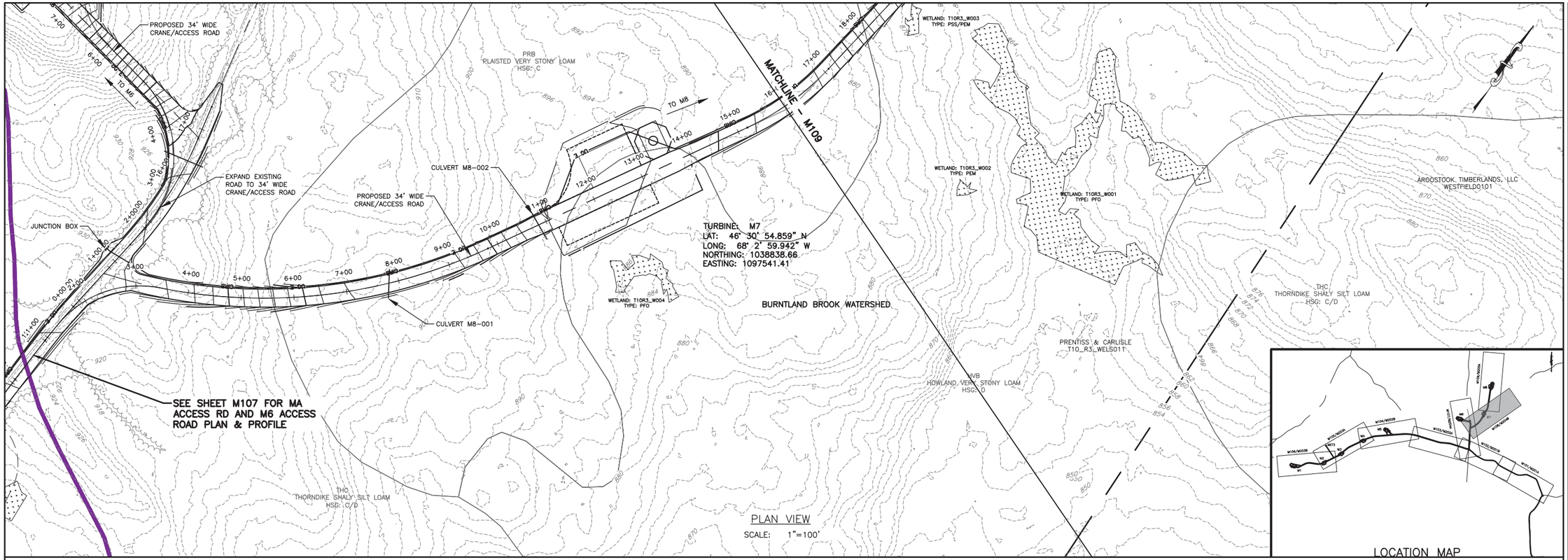
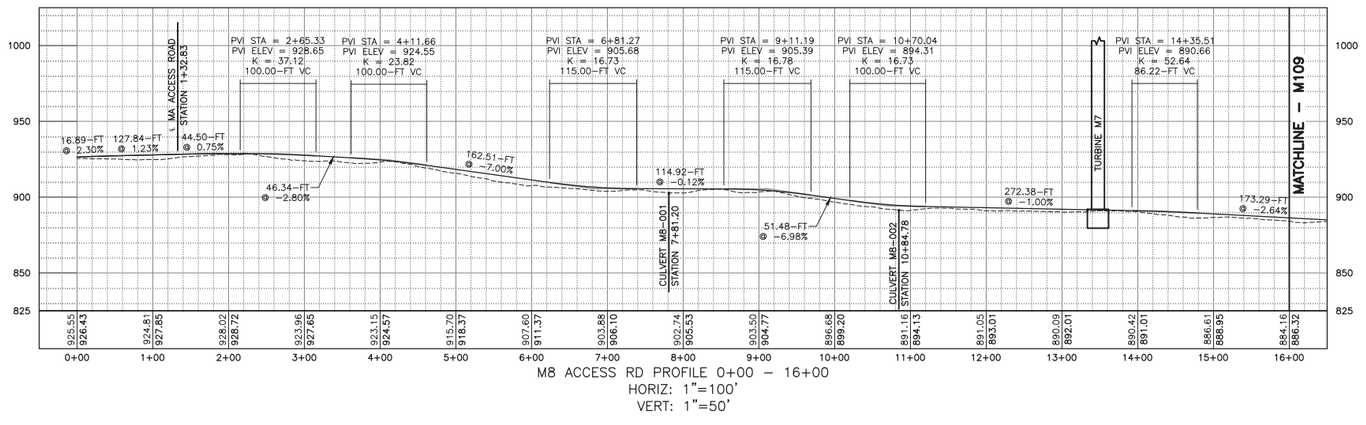
M40





M8 ACCESS RD PROFILE 0+00 - 16+00
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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WWW.FISHERASSOC.COM
135 Common Street, Belfast, ME 04915
Phone: 207-338-3335

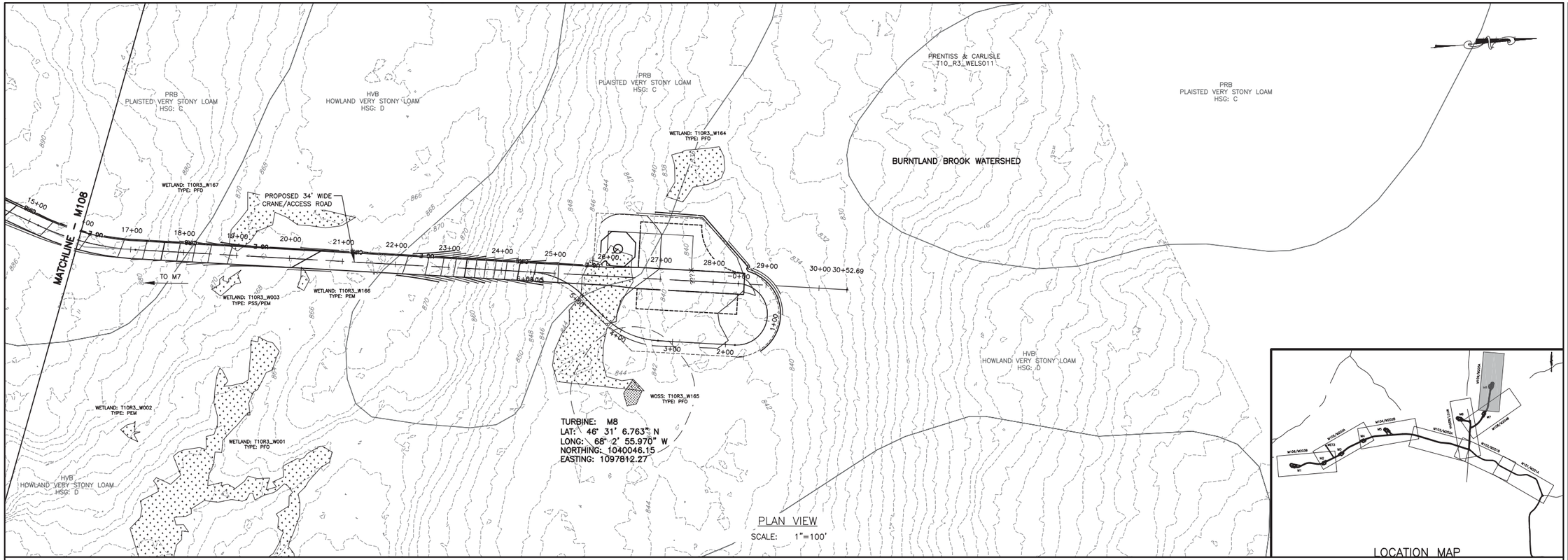
NUMBER NINE WIND FARM

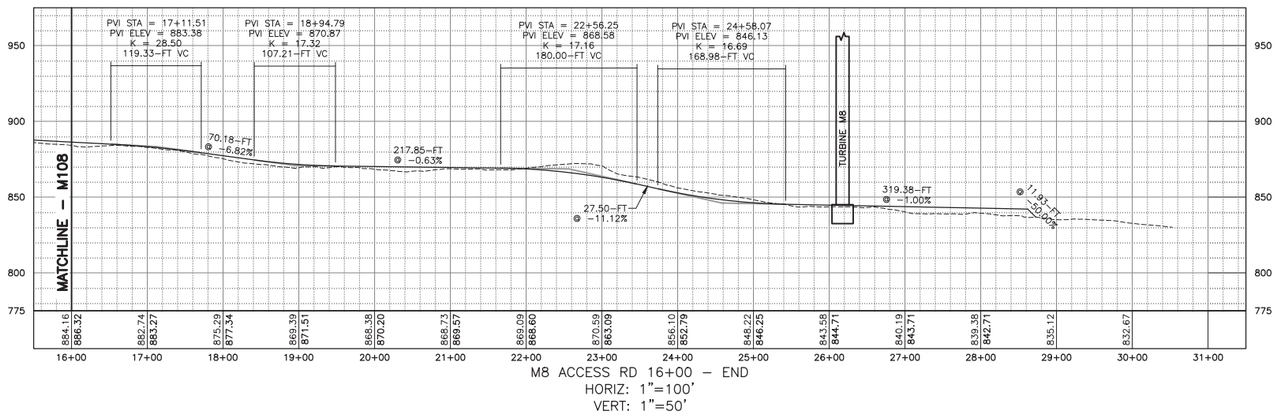
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG M7 AND WTG M8 ACCESS ROAD PLAN SHEET

DRAWING NO.
M108

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 M107-M109 Sheets.dwg
DATE/TIME: 7/8/2015 1:43:50 PM
USER: Steven Mellott





M8 ACCESS RD 16+00 – END
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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135 Commerce Way, Suite 102, Portland, ME 04103
Phone: 207.774.2112

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG M8 ACCESS ROAD PLAN SHEET

DRAWING NO.
M109

SHEET 244 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 M107-M109 Sheets.dwg
DATE/TIME: 7/8/2015 1:44:17 PM
USER: Steven Mellott

PRENTISS & CARLISLE
T10_R3_WELS011

AROOSTOOK TIMBERLANDS, LLC
WESTFIELD0101

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

MICROWAVE BEAM PATH FRESNEL ZONE. CRANE OPERATOR TO CONFIRM ALLOWABLE HEIGHT OF BOOM WHEN PASSING THROUGH THIS AREA.

RS M1-01

MERRIMAKE

WETLAND: ETWP_W259
TYPE: PFO/PEM

PROPOSED 16' WIDE ACCESS ROAD

CULVERT M1-001

DT M1-01

BURNTLAND BROOK WATERSHED

WETLAND: T10R3_W006
TYPE: PFO/PEM

WETLAND: T10R3_W008
TYPE: PFO/PEM

DT M1-05

MATCHLINE – M201B

CULVERT M1-013

WETLAND: ETWP_W258
TYPE: PFO

PRENTISS & CARLISLE
E_TWP012

HVB
HOWLAND VERY STONY LOAM
HSG: D

DT M1-02

PLAN VIEW M201A
SCALE: 1"=100' (22X34)

LOCATION MAP

EAST BRANCH PRESQUE ISLE
STREAM WATERSHED

WETLAND: ETWP_W260
TYPE: PSS

WETLAND: ETWP_W261
TYPE: PSS

EXISTING ROAD TO BE USED AND MAINTAINED

VERNAL POOL
25 A08VP01

SEE M204 FOR WTG M6 ACCESS ROAD EROSION & SEDIMENT CONTROLS

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

PROPOSED 34' WIDE CRANE/ACCESS ROAD

TO M5

WETLAND: T10R3_W018
TYPE: PFO/PEM

WETLAND: T10R3_W021
TYPE: PEM/PSS

WETLAND: T10R3_W017
TYPE: PSS

WETLAND: T10R3_W015
TYPE: PFO/PEM

VERNAL POOL
73T

WETLAND: T10R3_W014
TYPE: PEM

VERNAL POOL
41DB

WETLAND: T10R3_W012
TYPE: PSS/PEM

CULVERT M1-003

CULVERT M1-002

WETLAND: T10R3_W009
TYPE: PFO

VERNAL POOL
138RK

WETLAND: T10R3_W011
TYPE: PFO

WETLAND: T10R3_W013
TYPE: PFO/PEM

WETLAND: T10R3_W020
TYPE: PSS/PEM

WETLAND: T10R3_W016
TYPE: PSS/PEM

WETLAND: T10R3_W022
TYPE: PSS/PEM/PFO

RS M1-06

RS M1-05

RS M1-04

RS M1-03

RS M1-02

CULVERT M1-006

CULVERT M1-005

CULVERT M1-004

PROPOSED 16' WIDE ACCESS ROAD

WETLAND: T10R3_W010
TYPE: PFO/PEM

VERNAL POOL
77TI

MRB
MONARDA AND BURNHAM- VERY STONY SILT LOAMS
HSG: D

MATCHLINE – M202A

MATCHLINE – M201A

LOCATION MAP

PLAN VIEW M201B
SCALE: 1"=100' (22X34)

100 0 100 200 300
FEET
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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DP/BA

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ISSUE DATE
JULY 2015

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Phone: (207) 772-3133

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG M1 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
M201

SHEET 245 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 M201-M203 Sheets.dwg
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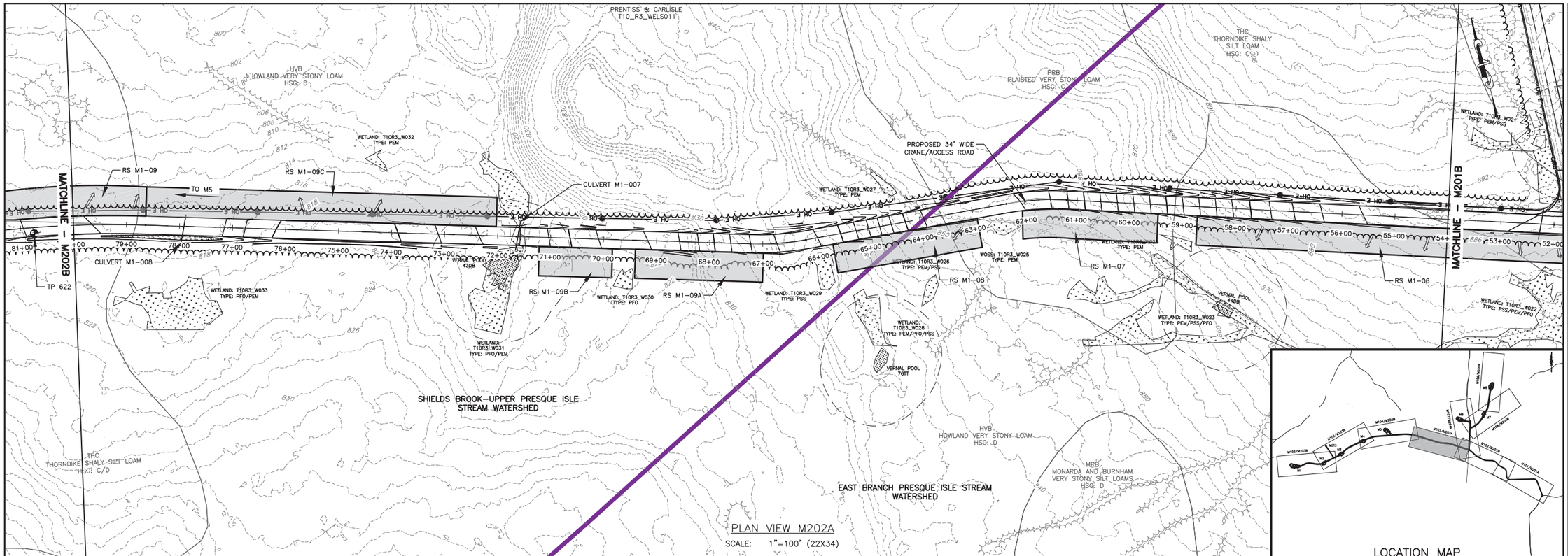
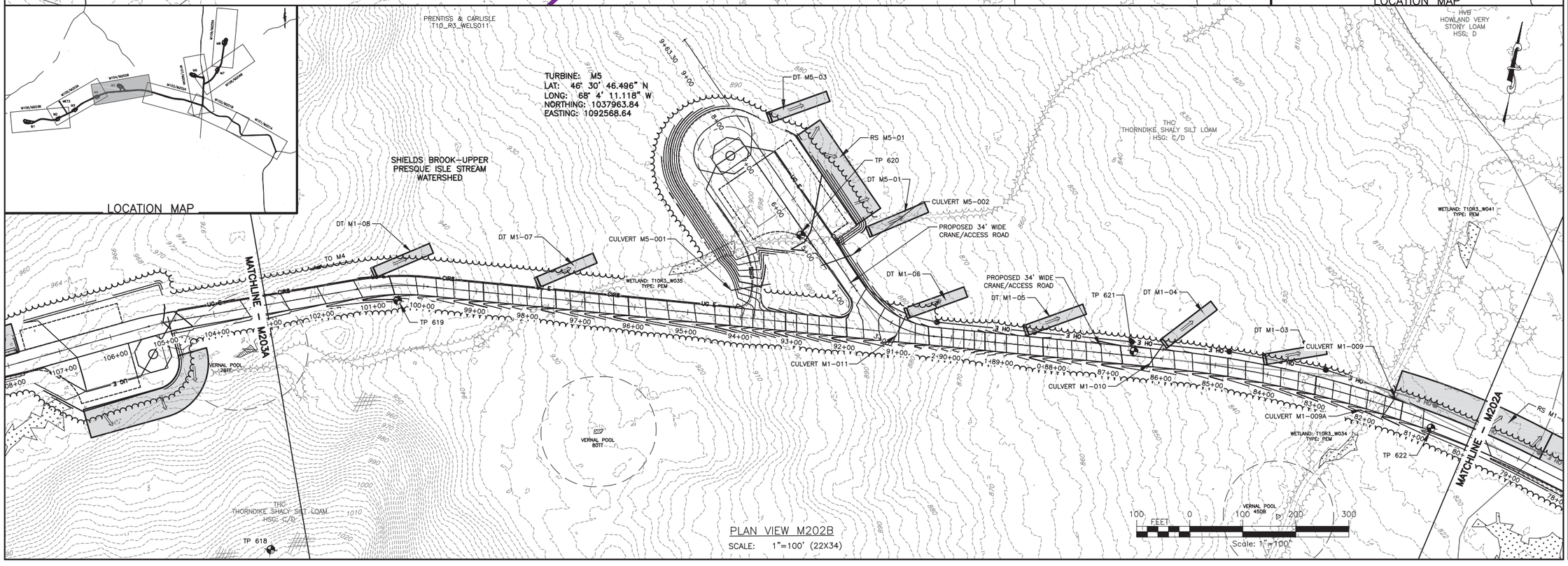
USER: Steven Mellott



PLAN VIEW M202A

SCALE: 1"=100' (22X34)



PLAN VIEW M202B

SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300

Scale: 1"=100'

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FA PROJECT NO.
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PROJECT MANAGER
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ISSUE DATE
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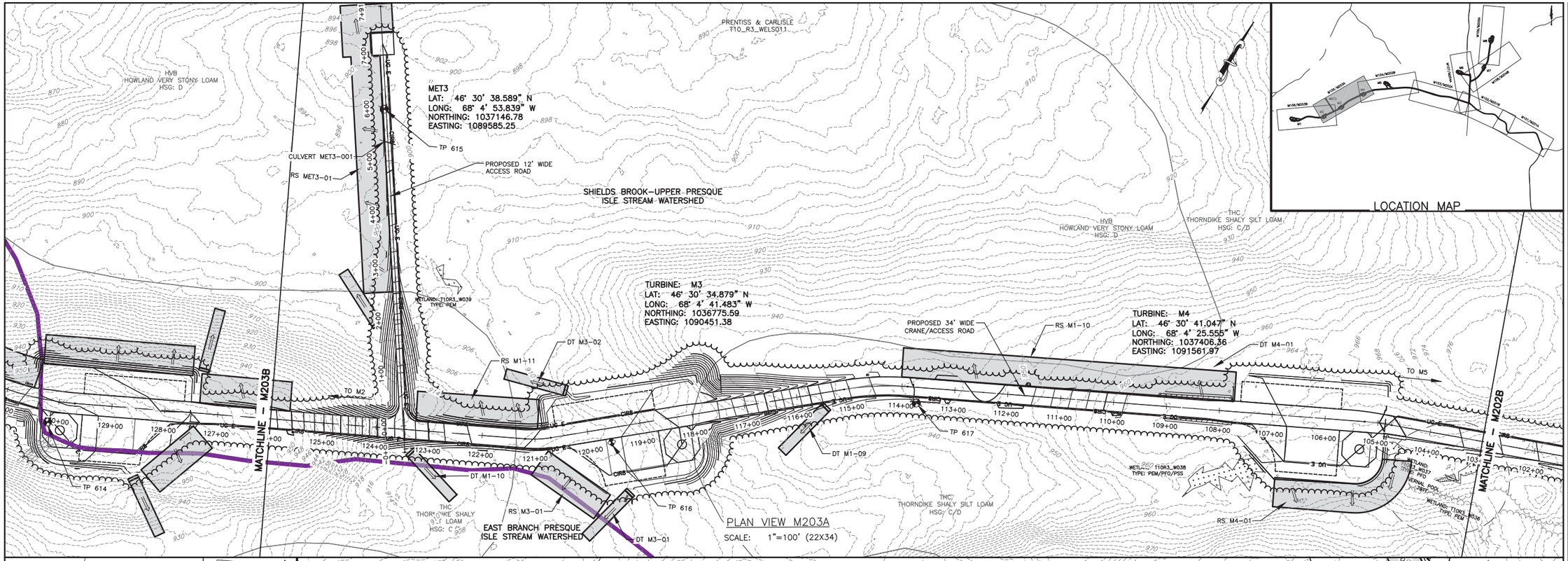
NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG M1 AND WTG M5 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
M202



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140009
PROJECT MANAGER
S. MELLOTT
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JULY 2015

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Phone: 207-213-3001

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG M1, M2, M3, M4 AND MET 3 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
M203

SHEET 247 OF 338

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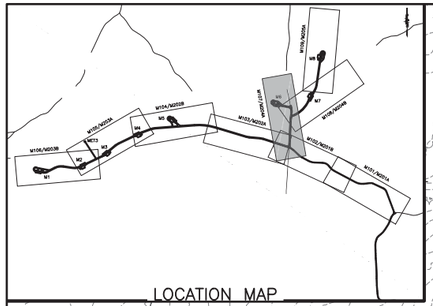

LOCATION MAP

SEE M204/M205 FOR WTG M8 ACCESS ROAD EROSION & SEDIMENT CONTROLS

PRENTISS & CARLISLE T10_R3_WELS011

PROPOSED 34' WIDE CRANE/ACCESS ROAD

TP 606

RS M6-01

RS M6-02

EXTEND EXISTING CULVERT

DT M6-03

DT M6-02

DT M6-01

WETLAND: T10R3_W005 TYPE: PFO

WETLAND: T10R3_W006 TYPE: PEM/PSS

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

WETLAND: T10R3_W018 TYPE: PFO/PEM

VERNAL POOL

WETLAND: T10R3_W020 TYPE: PSS/PEM

CULVERT M6-001

JUNCTION BOX

TP 610

RS M6-04

DT M6-04

DT M6-05

PROPOSED 34' WIDE CRANE/ACCESS ROAD

TP 611

RS M6-03

DT M6-06

PRB PLAISTED VERY STONY LOAM HSG: C

BURNTLAND BROOK WATERSHED

TURBINE: M6
LAT: 46° 30' 51.809" N
LONG: 68° 3' 19.001" W
NORTHING: 1038522.19
EASTING: 1096210.31

EAST BRANCH PRESQUE ISLE STREAM WATERSHED

THC THORNDIKE SHALY SILT LOAM HSG: C/D

WETLAND: T10R3_W007 TYPE: PFO/PEM/PSS

WETLAND: T10R3_W021 TYPE: PEM/PSS

CULVERT M1-006

WETLAND: T10R3_W022 TYPE: PSS/PEM/PFO

HVB HOWLAND VERY STONY LOAM HSG: D

SHIELDS BROOK-UPPER PRESQUE ISLE STREAM WATERSHED

PLAN VIEW M204A

SCALE: 1"=100'

PROPOSED 34' WIDE CRANE/ACCESS ROAD

EXPAND EXISTING ROAD TO 34' WIDE CRANE/ACCESS ROAD

TP 610

JUNCTION BOX

CULVERT M8-002

PROPOSED 34' WIDE CRANE/ACCESS ROAD

RS M7-02

TP 607

MATCHLINE M205A

WETLAND: T10R3_W003 TYPE: PSS/PEM

WETLAND: T10R3_W002 TYPE: PEM

WETLAND: T10R3_W001 TYPE: PFO

TURBINE: M7
LAT: 46° 30' 54.859" N
LONG: 68° 2' 59.942" W
NORTHING: 1038838.66
EASTING: 1097541.41

RS M8-02

RS M7-01

WETLAND: T10R3_W004 TYPE: PFO

CULVERT M8-001

DT M8-01

TP 606

RS M8-01

BURNTLAND BROOK WATERSHED

TP 609

AROOSTOOK TIMBERLANDS, LLC WESTFIELD0101

SEE M204 FOR MA ACCESS ROAD AND M6 ACCESS ROAD EROSION & SEDIMENT CONTROLS

THO THORNDIKE SHALY SILT LOAM HSG: C/D

PRENTISS & CARLISLE T10_R3_WELS011

HVB HOWLAND VERY STONY LOAM HSG: D

THC THORNDIKE SHALY SILT LOAM HSG: C/D

100 FEET 0 100 200 300

Scale: 1"=100'

PLAN VIEW M204B

SCALE: 1"=100'

LOCATION MAP

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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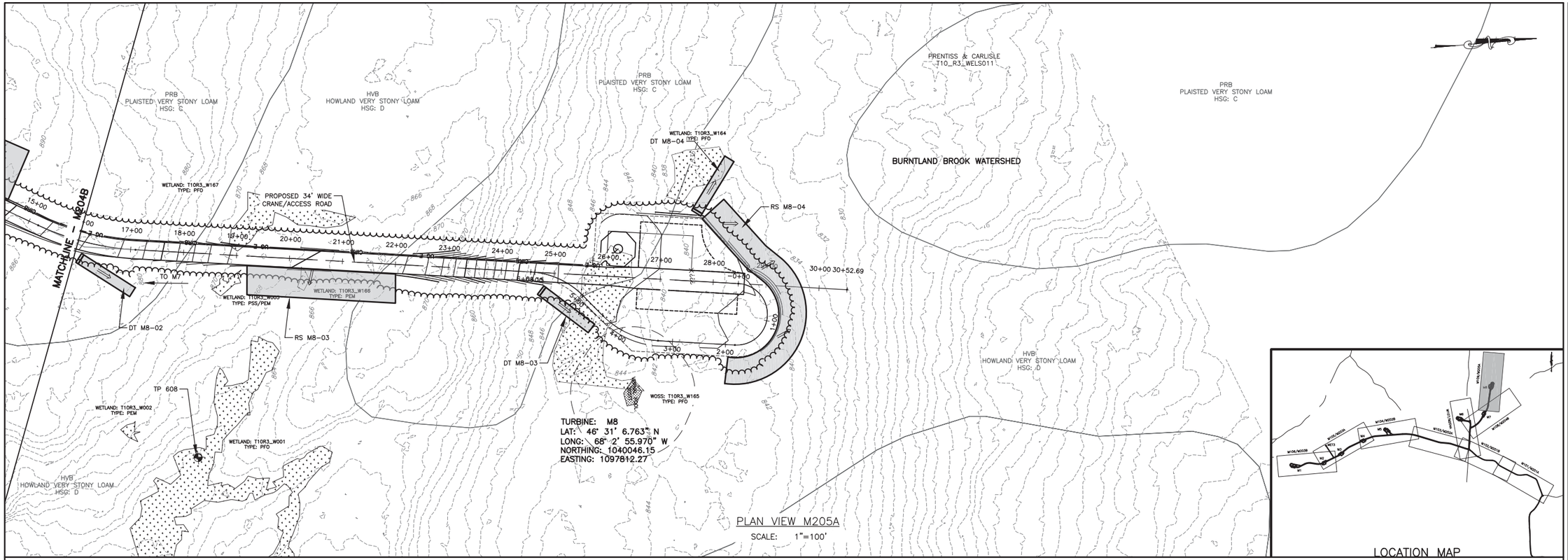
Phone: 207-623-1225

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG M6, WTG M7 AND WTG M8 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
M204


PRB
PLAISTED VERY STONY LOAM
HSG: C
HVB
HOWLAND VERY STONY LOAM
HSG: D
PRENTISS & CARLISLE
T10_R3_WELS011
BURNTLAND BROOK WATERSHED
MATCHLINE - M204B
TO M7
PROPOSED 34' WIDE
CRANE/ACCESS ROAD
WETLAND: T10R3_W167
TYPE: PFO
WETLAND: T10R3_W164
TYPE: PFO
WETLAND: T10R3_W008
TYPE: PSS/PEM
WETLAND: T10R3_W166
TYPE: PEM
WETLAND: T10R3_W002
TYPE: PEM
WETLAND: T10R3_W001
TYPE: PFO
WOSS: T10R3_W165
TYPE: PFO
DT M8-02
DT M8-03
DT M8-04
RS M8-03
RS M8-04
TP 608
TURBINE: M8
LAT: 46° 31' 6.763" N
LONG: 68° 2' 55.970" W
NORTHING: 1040046.15
EASTING: 1097812.27
15+00
16+00
17+00
18+00
19+00
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21+00
22+00
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26+00
27+00
28+00
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1+00
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3+00
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30+00 30+52.69
SWPP
LOCATION MAP
M106/M203A
M105/M203A
M104/M203B
M103/M203B
M102/M203C
M101/M203C
M107/M203A
M108/M203B
M109/M203C
M110/M203C
M2
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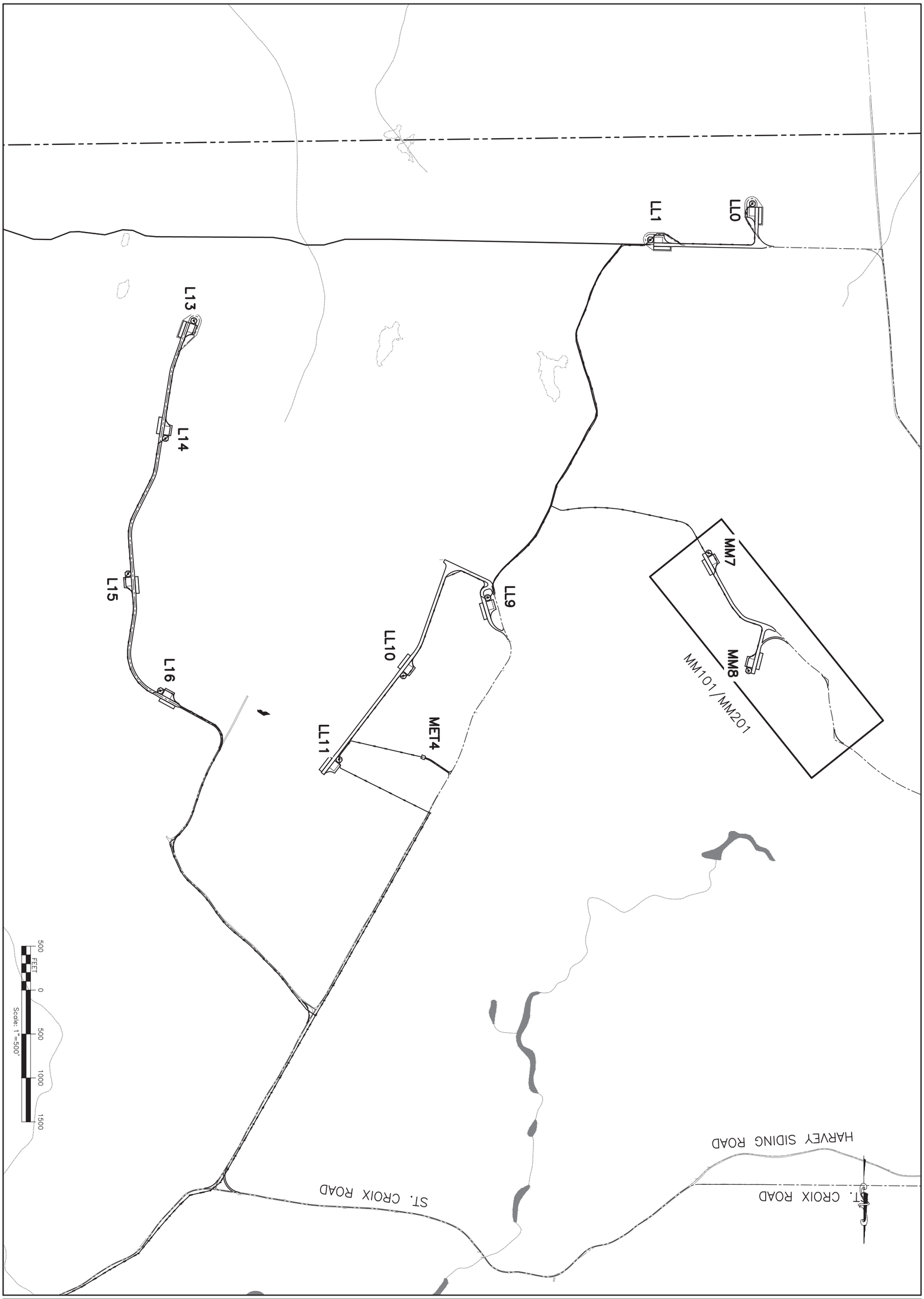

MM100

DRAWING NO.

SHEET 250 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM®

TITLE OF DRAWING
MM-SHEETS INDEX PLAN

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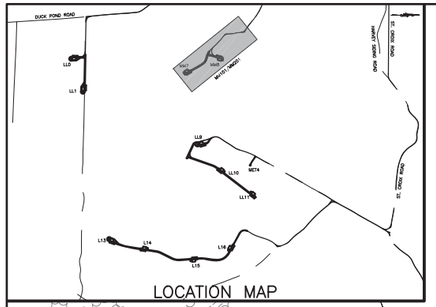
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LL1
LL2
LL3
LL4
LL5
LL6
LL7
LL8
LL9
LL10
WE4
WE5
WE6
WE7
WE8
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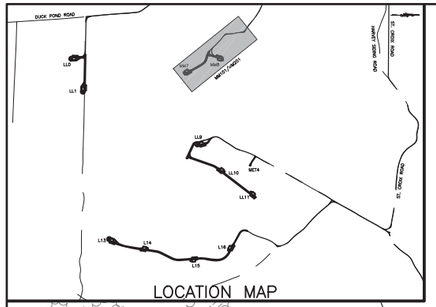
WE41
WE42
WE43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WEST FARM
SOUTH BROOK ROAD
ST. CROIX ROAD
LL0
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LL11
LL12
LL13
LL14
LL15
WE1
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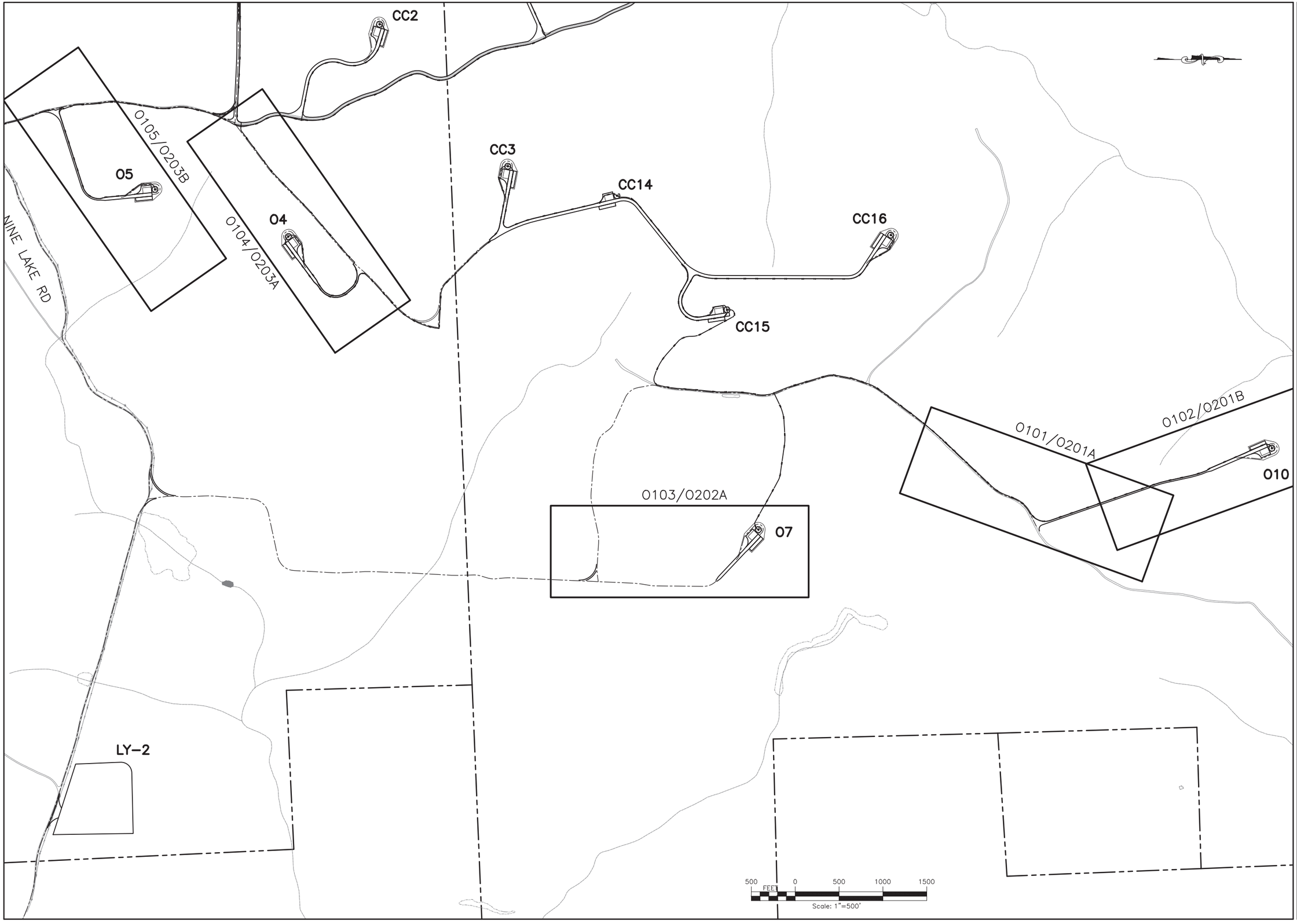

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140009
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ISSUE DATE
JULY 2015

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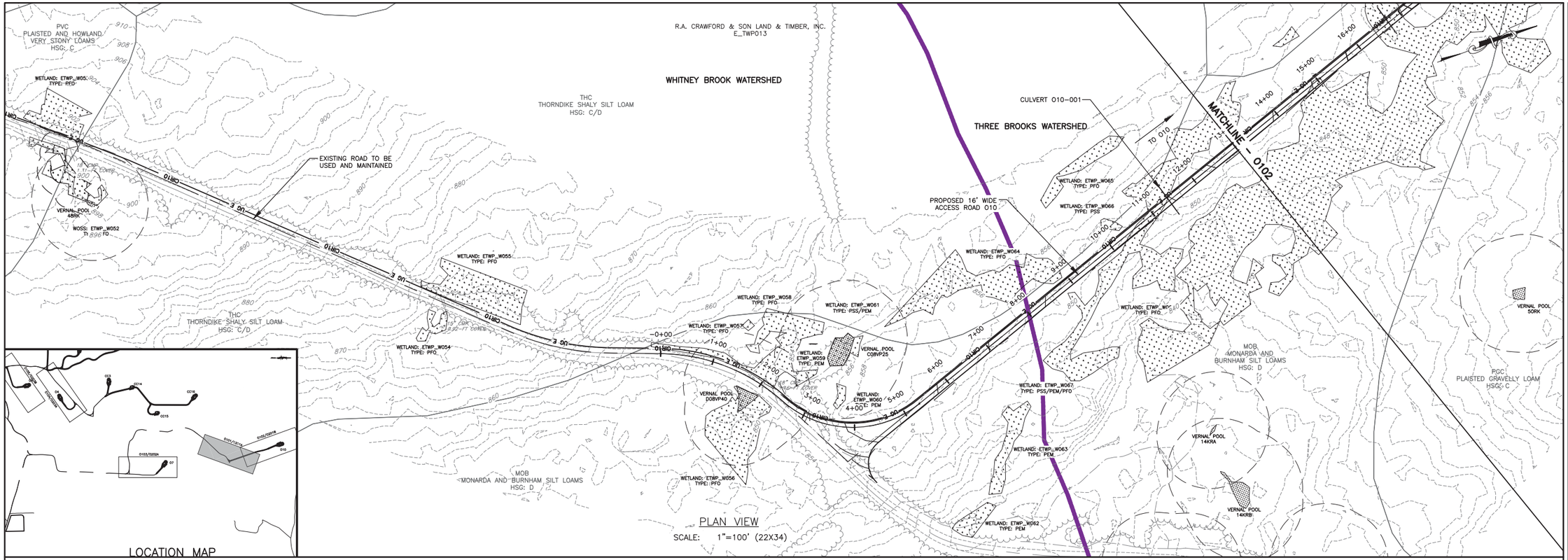
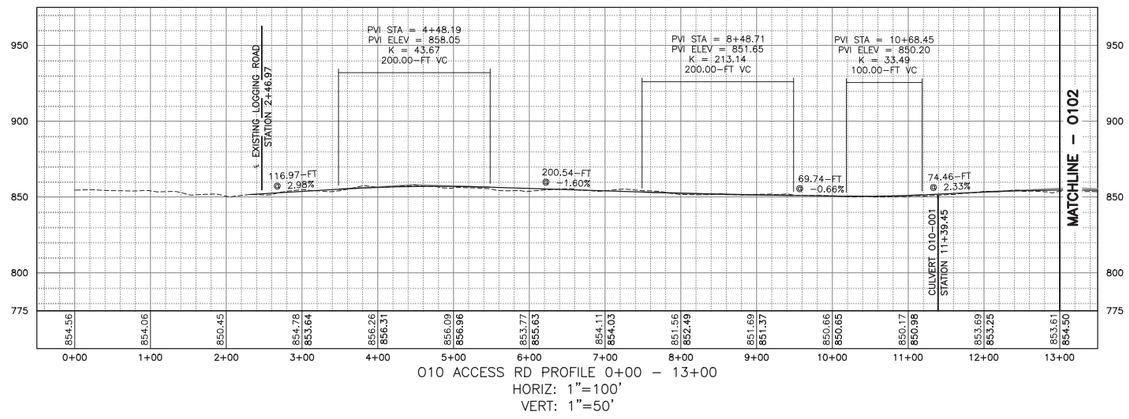
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
O-SHEETS INDEX PLAN

DRAWING NO.
O100





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VERT: 1"=50'

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DATE/TIME: 7/8/2015 2:14:01 PM
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FA PROJECT NO.
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PROJECT MANAGER
S. MELLOTT
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JULY 2015

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Phone: 207.774.2112

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG O10 ACCESS ROAD PLAN SHEET 1

DRAWING NO.
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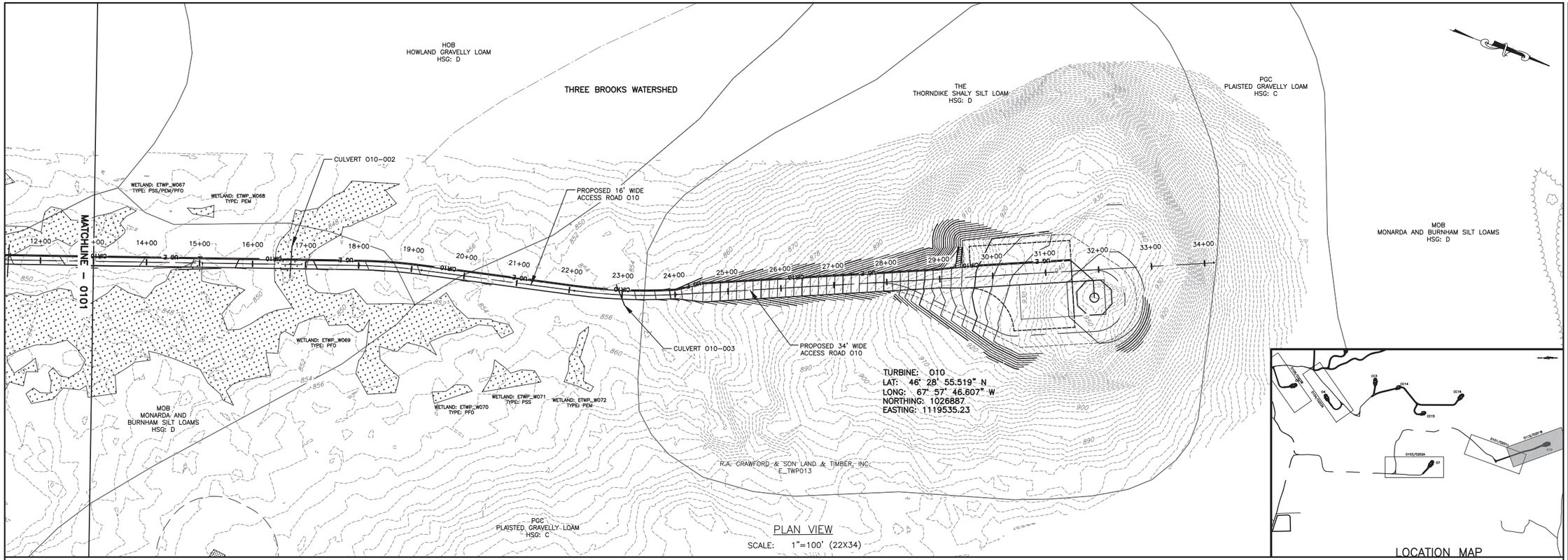
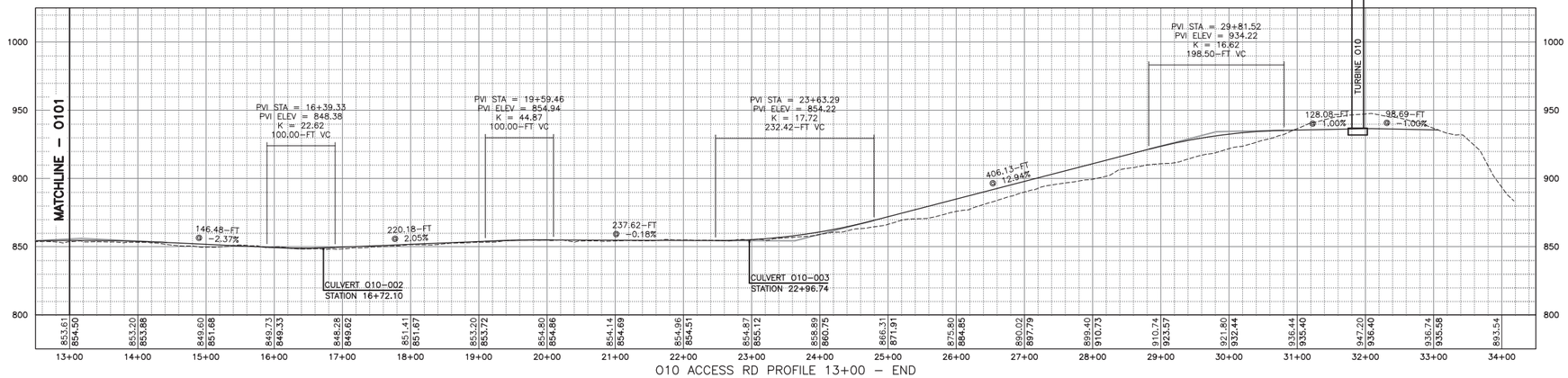


PLAN VIEW
SCALE: 1"=100' (22X34)

LOCATION MAP



O10 ACCESS RD PROFILE 13+00 – END
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VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG O10 ACCESS ROAD PLAN SHEET 2

DRAWING NO.
O102

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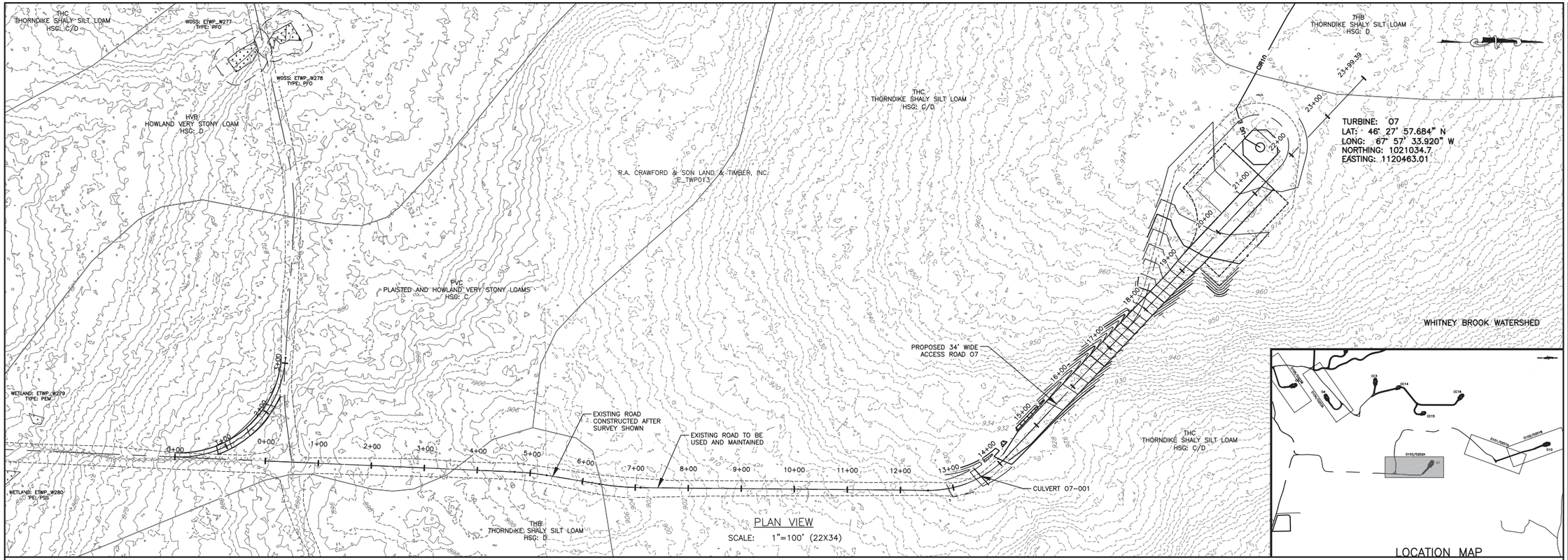
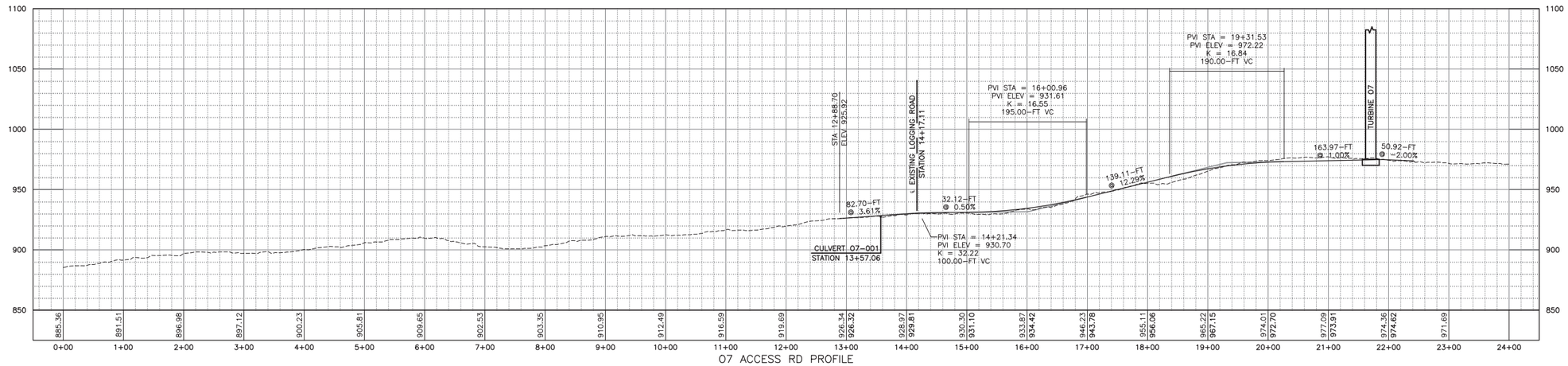


PLAN VIEW

SCALE: 1"=100' (22X34)



07 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300

Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the alterer shall affix to the item his/her seal and his/her signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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135 Center Street, Ellsworth, ME 04605
Phone: (207) 667-3133

NUMBER NINE WIND FARM®

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG 07 ACCESS ROAD PLAN SHEET

DRAWING NO.
O103

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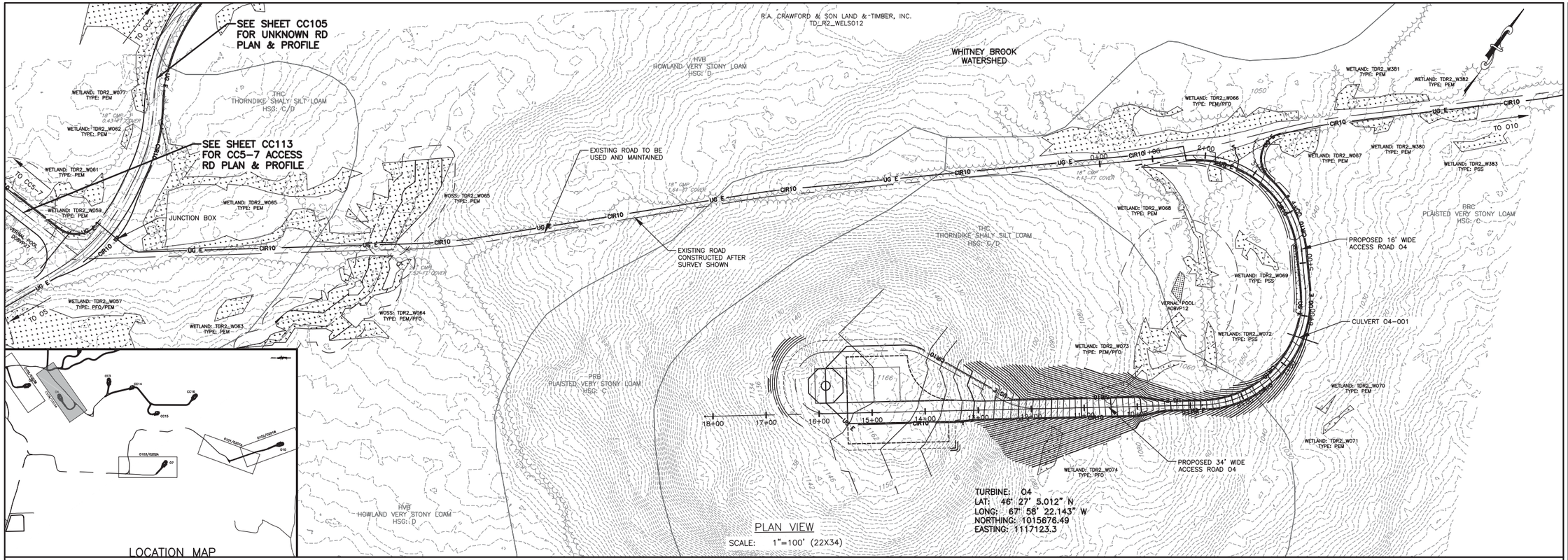

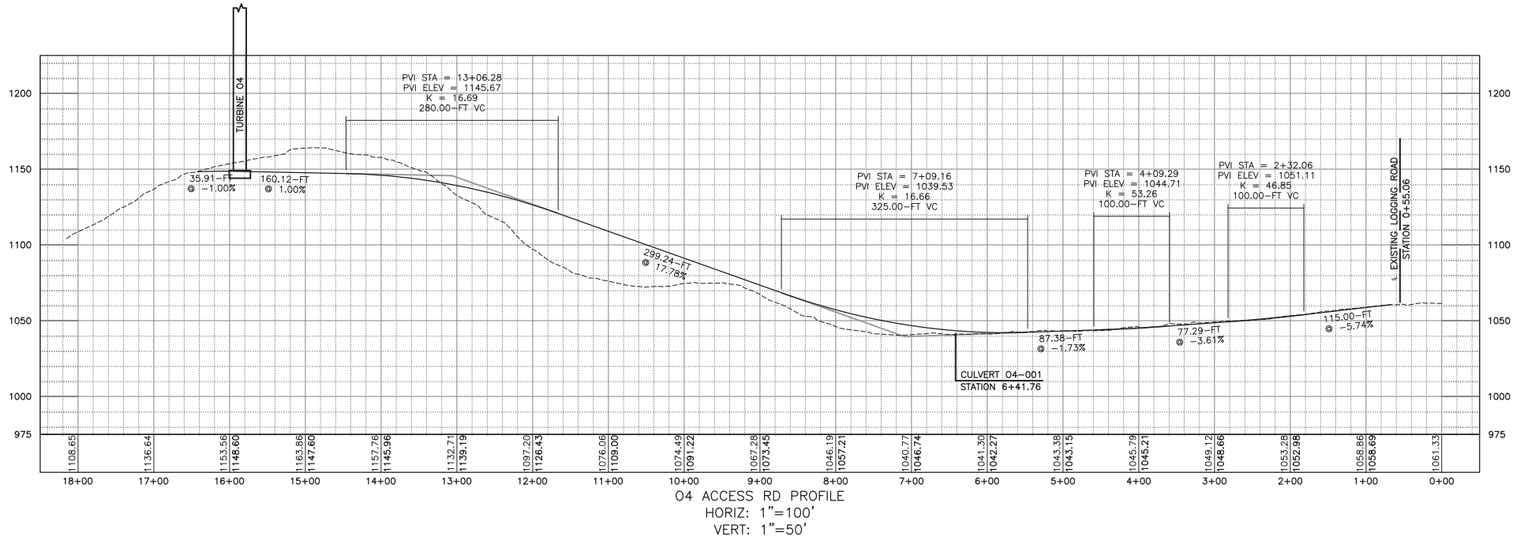

O4 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Common Street, Belfast, ME 04915
Phone: 207-338-3335

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG O4 ACCESS ROAD PLAN SHEET

DRAWING NO.
O104

SHEET 257 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 0104-0105 Sheets.dwg
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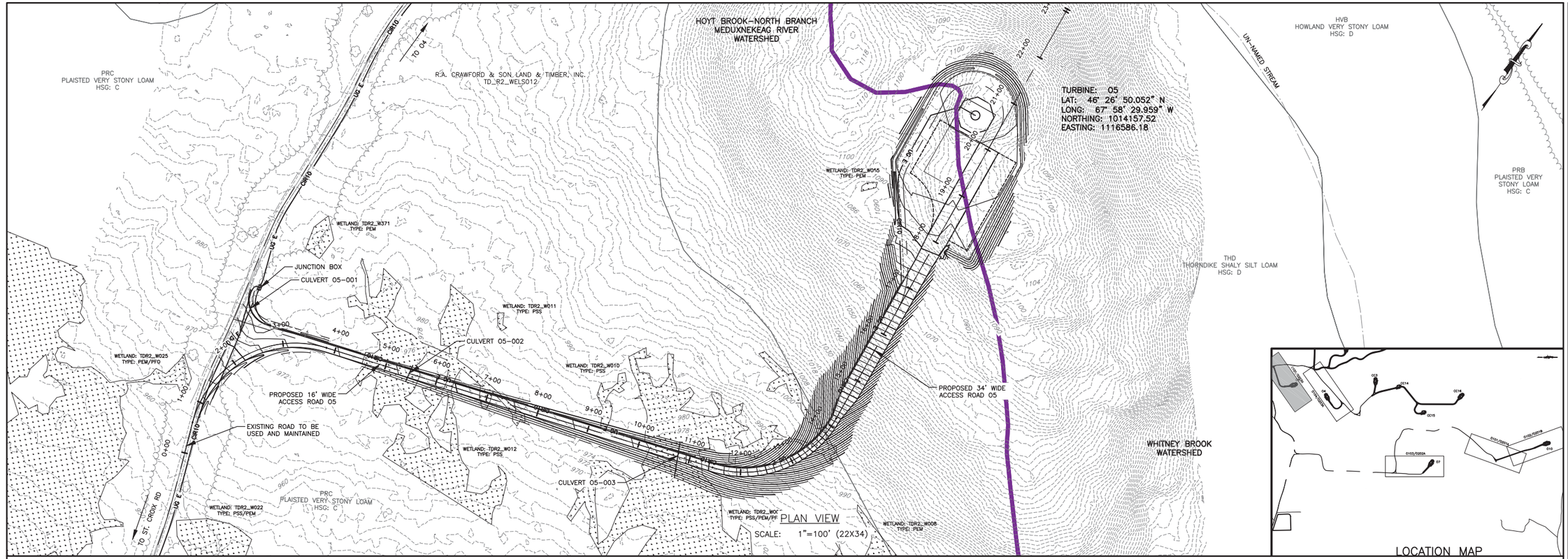

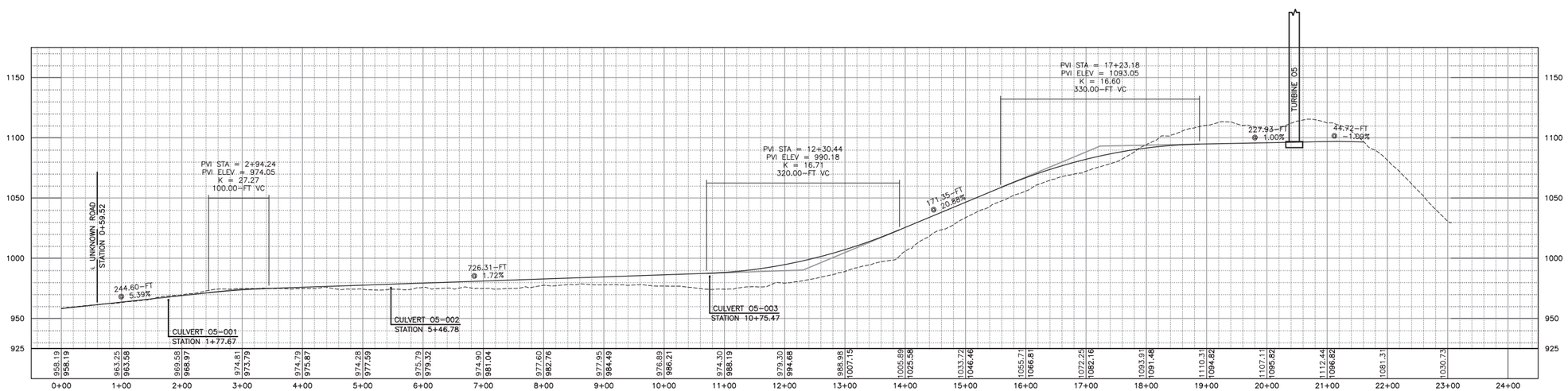

05 ACCESS RD PROFILE
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Center Street, Ellsworth, ME 04605
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG 05 ACCESS ROAD PLAN SHEET

DRAWING NO.
O105

SHEET 258 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 0104-0105 Sheets.dwg
DATE/TIME: 7/8/2015 2:15:51 PM
USER: Steven Mellott

PVC
PLAISTED AND HOWLAND
VERY STONY LOAMS
HSG: C

R.A. CRAWFORD & SON LAND & TIMBER, INC.
E_TWP013

WHITNEY BROOK WATERSHED

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

THREE BROOKS WATERSHED

WETLAND: ETWP_W055
TYPE: PFO

WETLAND: ETWP_W052
TYPE: PFO

VERNAL POOL
48RK

EXISTING ROAD TO BE
USED AND MAINTAINED

CULVERT O10-001

TO O10

MATCHLINE – O201B

TP 624

TP 623

PROPOSED 16' WIDE
ACCESS ROAD O10

WETLAND: ETWP_W065
TYPE: PFO

WETLAND: ETWP_W064
TYPE: PSS

WETLAND: ETWP_W064
TYPE: PFO

WETLAND: ETWP_W066
TYPE: PFO

WETLAND: ETWP_W058
TYPE: PFO

WETLAND: ETWP_W061
TYPE: PSS/PEM

WETLAND: ETWP_W057
TYPE: PFO

WETLAND: ETWP_W054
TYPE: PFO

WETLAND:
ETWP_W059
TYPE: PEM

VERNAL POOL
C08VP25

VERNAL POOL
D08VP40

WETLAND:
ETWP_W060
TYPE: PEM

WETLAND: ETWP_W056
TYPE: PFO

WETLAND: ETWP_W067
TYPE: PSS/PEM/PFO

RS O10-01

WETLAND: ETWP_W063
TYPE: PEM

WETLAND: ETWP_W062
TYPE: PEM

VERNAL POOL
14KRA

VERNAL POOL
14KRB

VERNAL POOL
50RK

MOB
MONARDA AND
BURNHAM SILT LOAMS
HSG: D

PGC
PLAISTED GRAVELLY LOAM
HSG: C

THC
THORNDIKE SHALY SILT LOAM
HSG: C/D

MOB
MONARDA AND BURNHAM SILT LOAMS
HSG: D

PLAN VIEW O201A
SCALE: 1"=100' (22X34)

LOCATION MAP

HOB
HOWLAND GRAVELLY LOAM
HSG: D

THREE BROOKS WATERSHED

THE
THORNDIKE SHALY SILT LOAM
HSG: D

PGC
PLAISTED GRAVELLY LOAM
HSG: C

MOB
MONARDA AND BURNHAM SILT LOAMS
HSG: D

CULVERT O10-002

TP 625

WETLAND: ETWP_W067
TYPE: PSS/PEM/PFO

WETLAND: ETWP_W068
TYPE: PEM

PROPOSED 16' WIDE
ACCESS ROAD O10

MATCHLINE – O201A

TP 624

RS O10-02

RS O10-03

TP 626

CULVERT O10-003

PROPOSED 34' WIDE
ACCESS ROAD O10

TP 627

RS O10-04

WETLAND: ETWP_W069
TYPE: PFO

WETLAND: ETWP_W070
TYPE: PFO

WETLAND: ETWP_W071
TYPE: PSS

WETLAND: ETWP_W072
TYPE: PEM

TURBINE: O10
LAT: 46° 28' 55.519" N
LONG: 67° 57' 46.607" W
NORTHING: 1026887
EASTING: 1119535.23

R.A. CRAWFORD & SON LAND & TIMBER, INC.
E_TWP013

MOB
MONARDA AND
BURNHAM SILT LOAMS
HSG: D

PGC
PLAISTED GRAVELLY LOAM
HSG: C

PLAN VIEW O201B
SCALE: 1"=100' (22X34)

100 0 100 200 300
FEET
Scale: 1"=100'

LOCATION MAP

REV	DESCRIPTION	DATE	BY
7			
6			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Center Road, Bangor, ME 04401
Portland, ME (207) 828-1272

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG O10 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
O201

SHEET 259 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 0201-0202 Sheets.dwg
DATE/TIME: 7/8/2015 2:16:58 PM
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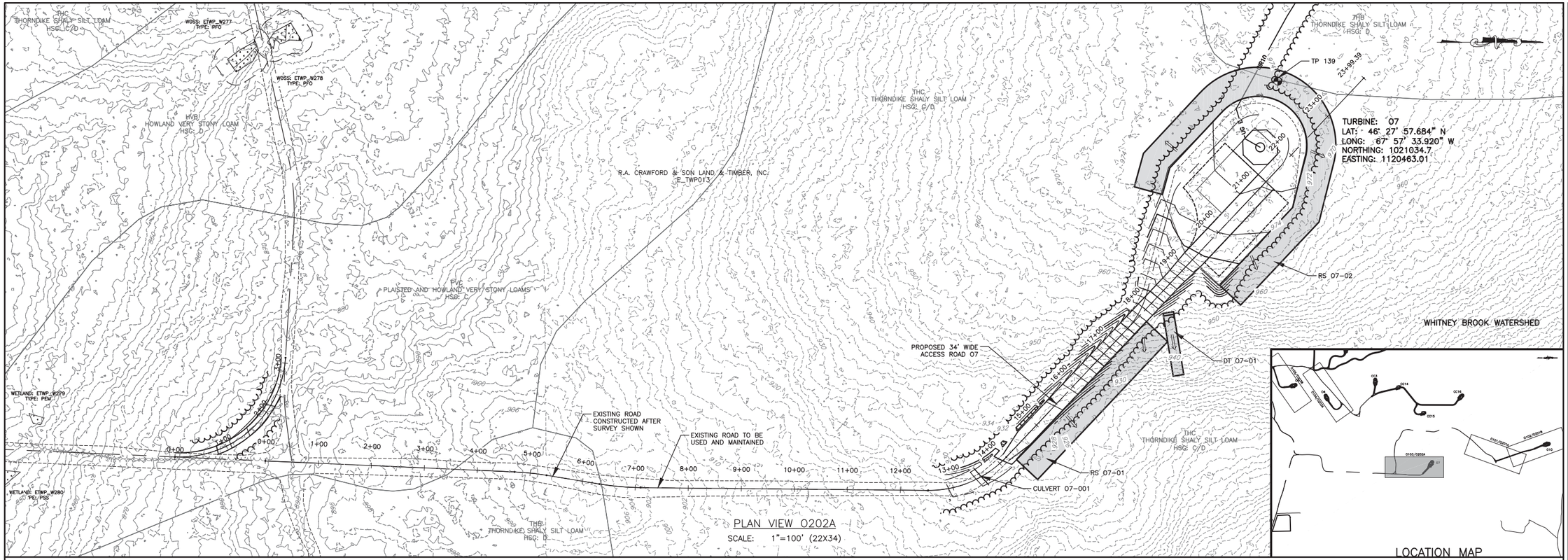

PLAN VIEW 0202A
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commerce Way Portland, ME 04103
Phone: 207.774.2112

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG 07 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
O202

SHEET 260 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 0201-0202 Sheets.dwg
DATE/TIME: 7/8/2015 2:17:16 PM
USER: Steven Mellott

SEE CC203A FOR UNKNOWN RD EROSION & SEDIMENT CONTROLS

SEE CC207B FOR CC5-7 ACCESS RD EROSION & SEDIMENT CONTROLS

R.A. CRAWFORD & SON LAND & TIMBER, INC. TD_R2_WELS012

WHITNEY BROOK WATERSHED

HVB HOWLAND VERY STONY LOAM HSG: D

THC THORNDIKE SHALY SILT LOAM

PRB PLAISTED VERY STONY LOAM HSG: C

PRC PLAISTED VERY STONY LOAM HSG: C

THD THORNDIKE SHALY SILT LOAM HSG: D

EXISTING ROAD TO BE USED AND MAINTAINED

EXISTING ROAD CONSTRUCTED AFTER SURVEY SHOWN

JUNCTION BOX

TP 177

TP 385

TB 383

TB 384

TP 438

TP 751

TP 752

RS 04-01

RS 04-02

RS 04-03A

RS 04-03B

PROPOSED 16' WIDE ACCESS ROAD 04

PROPOSED 34' WIDE ACCESS ROAD 04

CULVERT 04-001

DT 04-01

TURBINE: 04
LAT: 46° 27' 5.012" N
LONG: 67° 58' 22.143" W
NORTHING: 1015676.49
EASTING: 1117123.3

VERNAL POOL: AOBVP12

WETLAND: TDR2_W057 TYPE: PFO/PEM
WETLAND: TDR2_W059 TYPE: PEM
WETLAND: TDR2_W061 TYPE: PEM
WETLAND: TDR2_W062 TYPE: PEM
WETLAND: TDR2_W063 TYPE: PEM
WETLAND: TDR2_W065 TYPE: PEM
WETLAND: TDR2_W066 TYPE: PEM/PFO
WETLAND: TDR2_W067 TYPE: PEM
WETLAND: TDR2_W068 TYPE: PEM
WETLAND: TDR2_W069 TYPE: PSS
WETLAND: TDR2_W070 TYPE: PEM
WETLAND: TDR2_W071 TYPE: PEM
WETLAND: TDR2_W072 TYPE: PSS
WETLAND: TDR2_W073 TYPE: PEM/PFO
WETLAND: TDR2_W074 TYPE: PFO
WETLAND: TDR2_W077 TYPE: PEM
WETLAND: TDR2_W380 TYPE: PEM
WETLAND: TDR2_W381 TYPE: PEM
WETLAND: TDR2_W382 TYPE: PEM
WETLAND: TDR2_W383 TYPE: PSS
WOSS: TDR2_W064 TYPE: PEM/PFO
WOSS: TDR2_W065 TYPE: PEM

PLAN VIEW 0203A
SCALE: 1"=100' (22X34)

LOCATION MAP

HOYT BROOK-NORTH BRANCH WEDUXNEKEAG RIVER WATERSHED

UNNAMED STREAM

EXISTING ROAD TO BE USED AND MAINTAINED

JUNCTION BOX

CULVERT 05-001

CULVERT 05-002

CULVERT 05-003

PROPOSED 16' WIDE ACCESS ROAD 05

PROPOSED 34' WIDE ACCESS ROAD 05

TP 423

TP 437

TP 750

RS 05-01

DT 05-02

DT 05-03

DT 05-04

TURBINE: 05
LAT: 46° 26' 50.052" N
LONG: 67° 58' 29.959" W
NORTHING: 1014157.52
EASTING: 1116586.18

WETLAND: TDR2_W008 TYPE: PEM
WETLAND: TDR2_W011 TYPE: PSS
WETLAND: TDR2_W012 TYPE: PSS
WETLAND: TDR2_W010 TYPE: PSS
WETLAND: TDR2_W022 TYPE: PSS/PEM
WETLAND: TDR2_W025 TYPE: PEM/PFO
WETLAND: TDR2_W055 TYPE: PEM
WETLAND: TDR2_W371 TYPE: PEM

PLAN VIEW 0203B
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

LOCATION MAP

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USER: Steven Mellott

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
130 Center Street Suite 201 Orono, Maine 04473 (207) 866-2421 Phone (207) 866-2422 Fax

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
WTG O4 AND WTG 05 EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO.
O203

SHEET 261 OF 338

BATCH PLANT–1
SHEET S101

LAYDOWN YARD–2
SHEET S103

LAYDOWN YARD–3
SHEET S102

BATCH PLANT–2
SHEET S104

SUBSTATION & O&M
SHEET S105

LAYDOWN YARD–1
SHEET S106

LAYDOWN YARD–4
SHEET S107

BATCH PLANT–3
SHEET S108

SCOPAN TOWNSHIP
T10 R3 WELS
WESTFIELD
MARS HILL
BLAINE
E TOWNSHIP
COX PATENT
T9 R4 WELS
T9 R3 WELS
TD R2 WELS
BRIDGEWATER
T8 R5 WELS
SAINT CROIX TOWNSHIP
T8 R3 WELS
TC R2 WELS
MONTICELLO
WEBBERTOWN TOWNSHIP
DUDLEY TOWNSHIP
U.S.A. INTERNATIONAL BORDER
CANADA INTERNATIONAL BORDER

SCOPAN LAKE
CRANBERRY POND
YOUNGS LAKE
WHITEHEAD LAKE
PACKARD LAKE
KETCHAM LAKE
NUMBER NINE LAKE
PRESQUE ISLE LAKE
WEST LAKE
PORTLAND LAKE
MEADOWBROOK POND
JEWELL LAKE
ALLERTON LAKE
CIELING POND
RIDEOUT LAKE
ST. CROIX LAKE
CARLISLE POND
DUCK POND
LITTLE BOWLER POND
UNNAMED POND
TROUT POND
NORTH POND

WARREN RD
E PLANTATION RD
BURNTLAND RD
KINNEY RD
LOOP RD
NUMBER NINE LAKE RD
SHOWDOWER RD
BOOTFOOT RD
HOVEY MOUNTAIN RD
BLACK CAT MOUNTAIN RD
TIE CAMP RD
8 MILE CUT-OFF RD
ST. CROIX RD
HOME BROOK CUT-OFF RD
HARVEY SIDING RD
BLACK FLY POND RD
NORTH BACK RD
WEST RD
CONWAY
V3 ROUTE 1

5000 0 5000 10000 20000 30000
Scale: 1" = 5000'

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USER: Steven Mellott

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Calkins Road, Rochester, NY 14623
Phone: 585.334.1310

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
S-SHEETS INDEX PLAN

DRAWING NO.
S100

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USER: Steven Mellott

S101
DRAWING NO.
SHEET 263 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BATCH PLANT-1 SITE PLAN

NUMBER NINE WIND FARM

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
Phone: 800-869-0390

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
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REV	DESCRIPTION	DATE	BY
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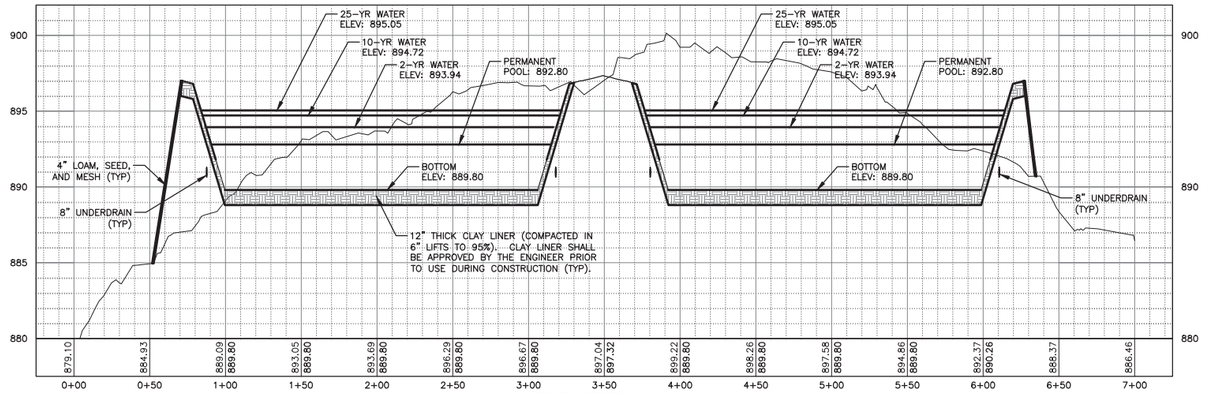
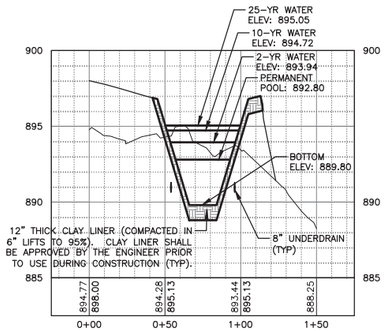
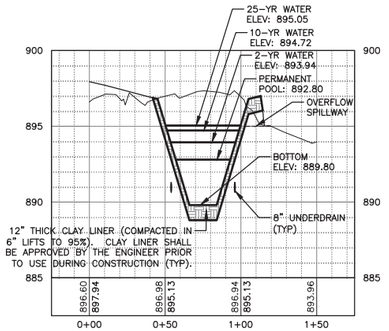


POND SECTION A–A
HORIZ: 1"=50'
VERT: 1"=5'



POND SECTION B–B
HORIZ: 1"=50'
VERT: 1"=5'



POND SECTION C–C
HORIZ: 1"=50'
VERT: 1"=5'

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USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
Rockland, Maine 04841 Phone: 207-596-6300

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BATCH PLANT-1 PROFILES

DRAWING NO.
S101B

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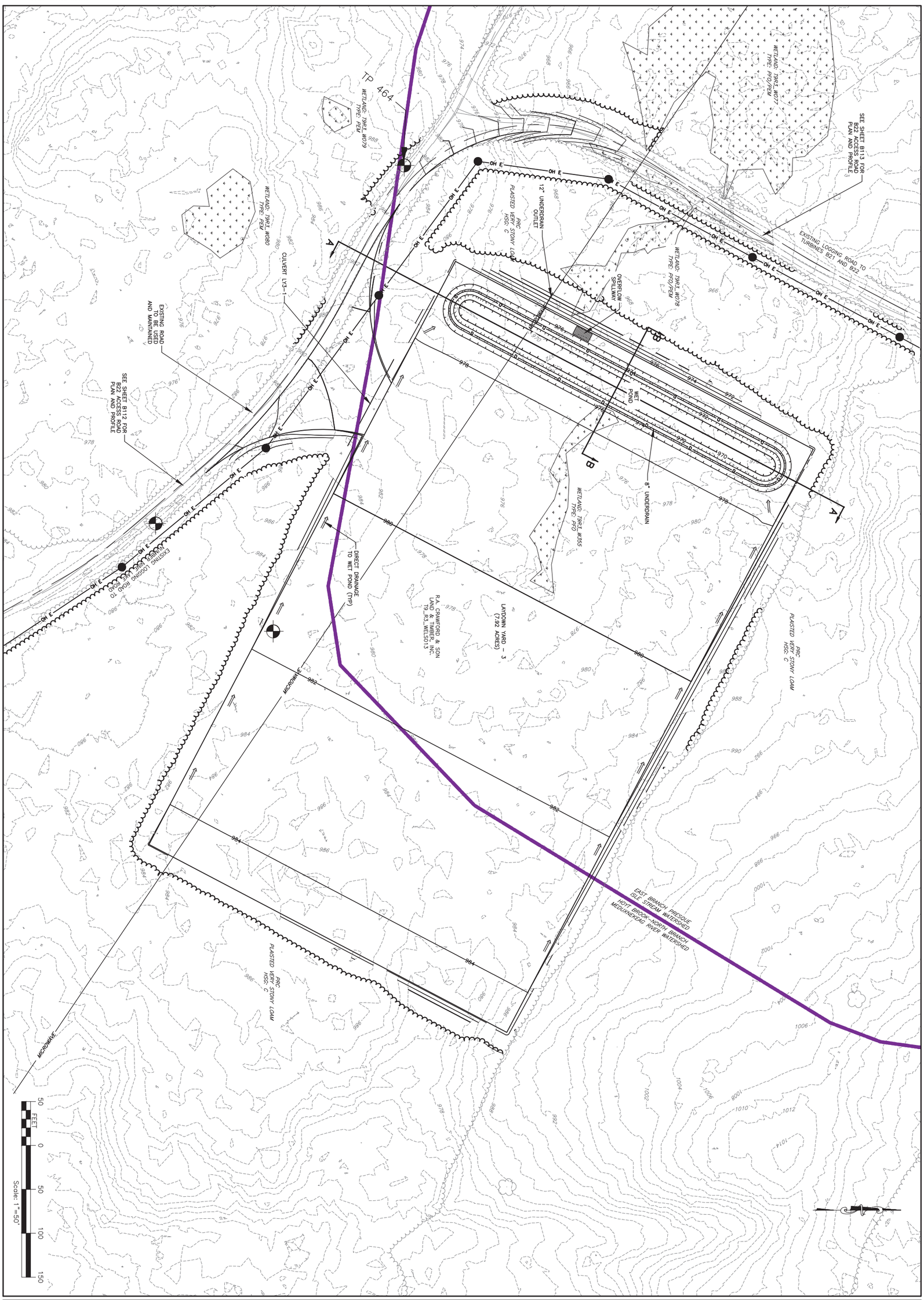

DRAWING NO. S102	PROJECT: NUMBER NINE WIND FARM AROOSTOOK COUNTY, MAINE PRELIMINARY PLANS NOT FOR CONSTRUCTION	FA PROJECT NO. 140009 PROJECT MANAGER S. MELLOTT DRAWN BY DP/BA SCALE AS SHOWN ISSUE DATE JULY 2015	COPYRIGHT © 2014 FISHER ASSOCIATES, P.E., L.S., L.A., P.C.
SHEET 265 OF 338	TITLE OF DRAWING: LAYDOWN YARD-3 SITE PLAN		

NUMBER NINE WIND FARM®

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New York State Education Law Section 7209 states that it is a violation of this law for any person, unless he/she is acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way.

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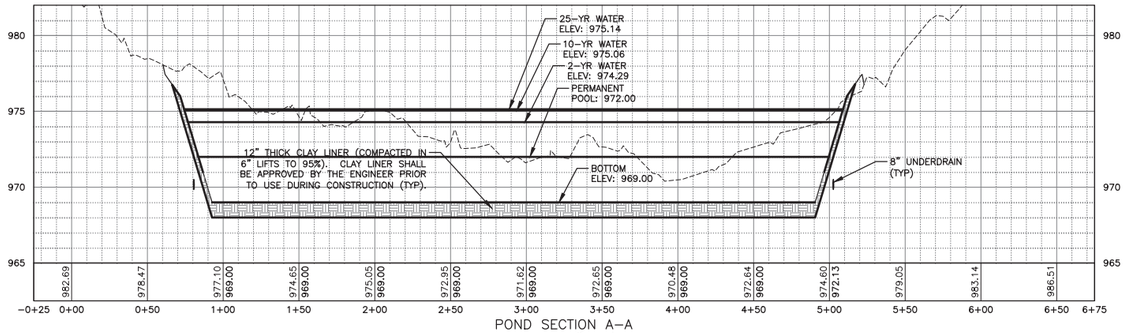
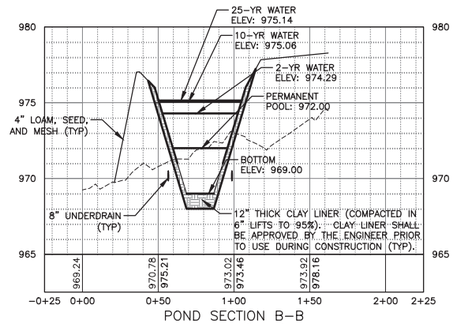


POND SECTION A-A
HORIZ: 1"=50'
VERT: 1"=5'



POND SECTION B-B
HORIZ: 1"=50'
VERT: 1"=5'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
LAYDOWN YARD-3 PROFILES

DRAWING NO.
S102B

OVERFLOW SPILLWAY

12" UNDERDRAIN OUTLET

WETLAND: TDR2_W410
TYPE: PSS

WET POND

DIRECT DRAINAGE TO WET POND (TYP)

8" UNDERDRAIN

LAYDOWN YARD-2
SITE (14.3 ACRES)

HVB
HOWLAND VERY STONY LOAM
HSG: D

R.A. CRAWFORD & SON
LAND & TIMBER, INC.
TD_R2_WELS012

PRENTISS & CARLISLE
TD_R2_WELS013

PRC
PLAISTED VERY STONY LOAM
HSG: C

EXISTING UTILITY POLE (TYP)

EXISTING ROAD TO BE USED AND MAINTAINED

NUMBER NINE LAKE ROAD

EXISTING LOGGING ROAD

50 FEET 0 50 100 150
Scale: 1"=50'

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If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the alterer shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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ISSUE DATE
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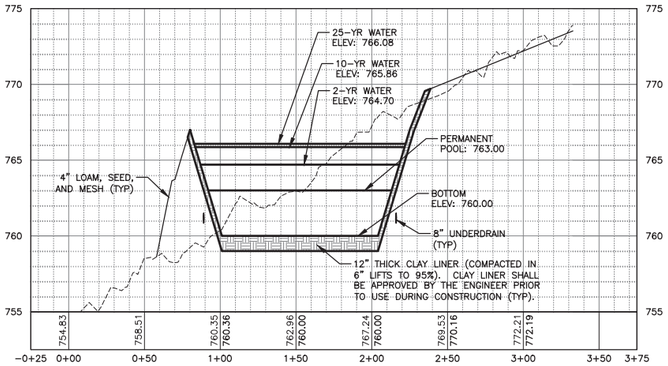
Rockland, Maine Phone: 207-596-6339

NUMBER NINE WIND FARM®

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
LAYDOWN YARD-2 SITE PLAN

DRAWING NO.
S103



POND SECTION A–A
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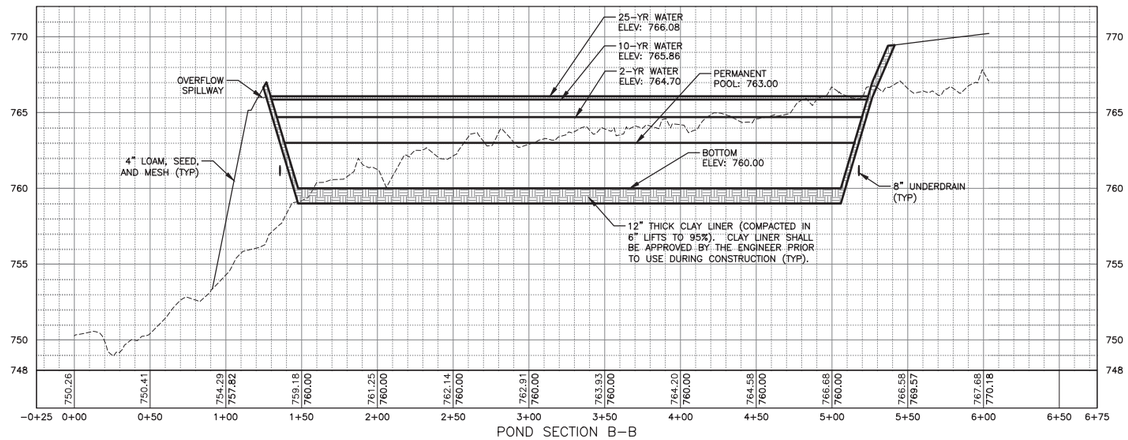
VERT: 1"=5'



POND SECTION B–B
HORIZ: 1"=50'
VERT: 1"=5'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Portland, Maine Phone: 207-747-4402

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
LAYDOWN YARD-2 PROFILES

DRAWING NO.
S103B

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 BATCH PLANT MID SHEET.dwg
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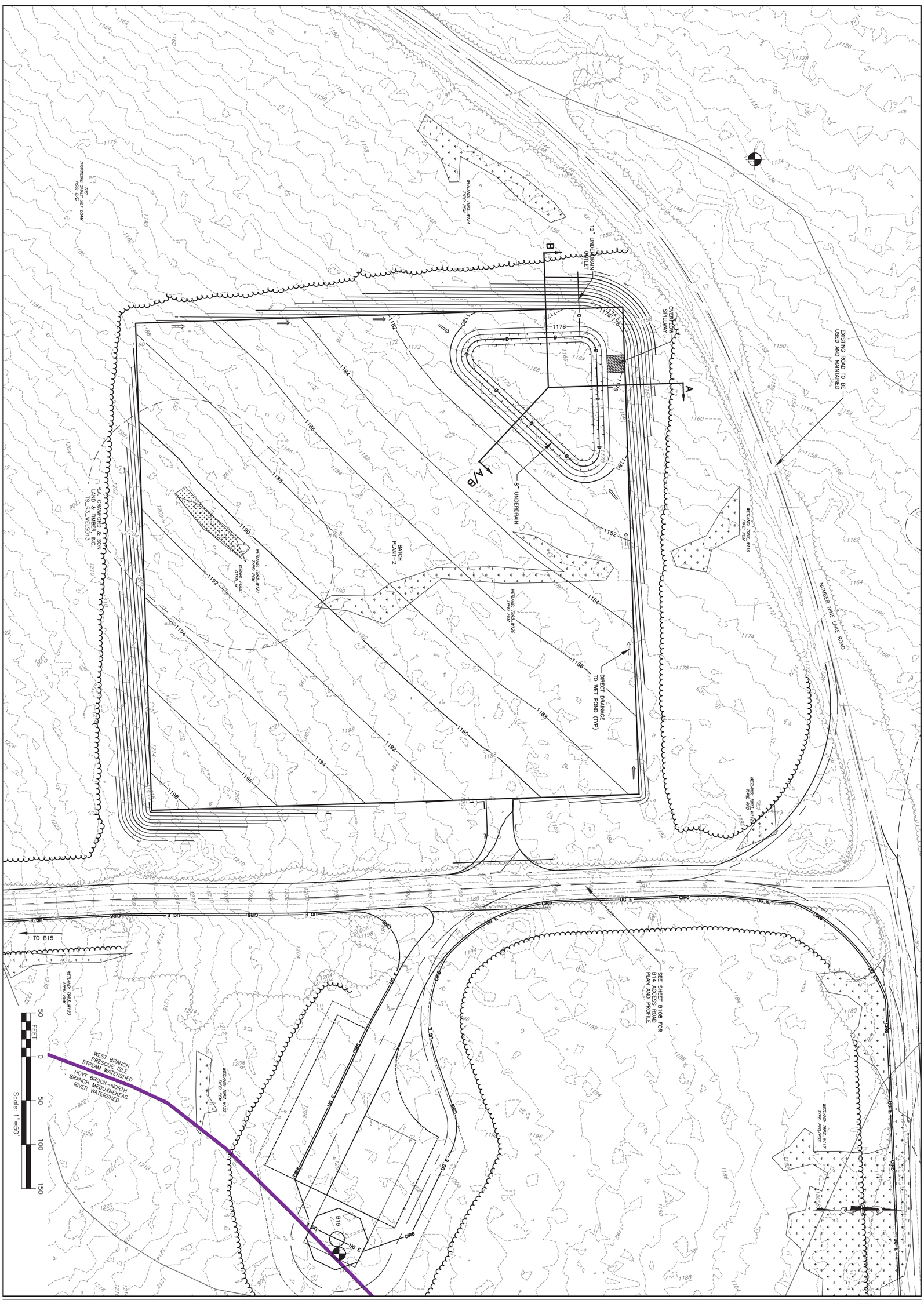

S104
DRAWING NO.
SHEET 269 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM®

TITLE OF DRAWING
BATCH PLANT-2 SITE PLAN

FISHERASSOCIATES
WWW.FISHERASSOC.COM
Phone: 856-858-0300

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140009
PROJECT MANAGER
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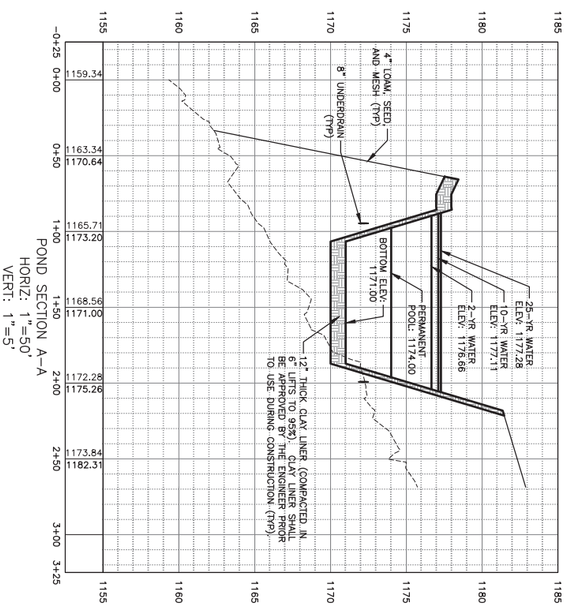

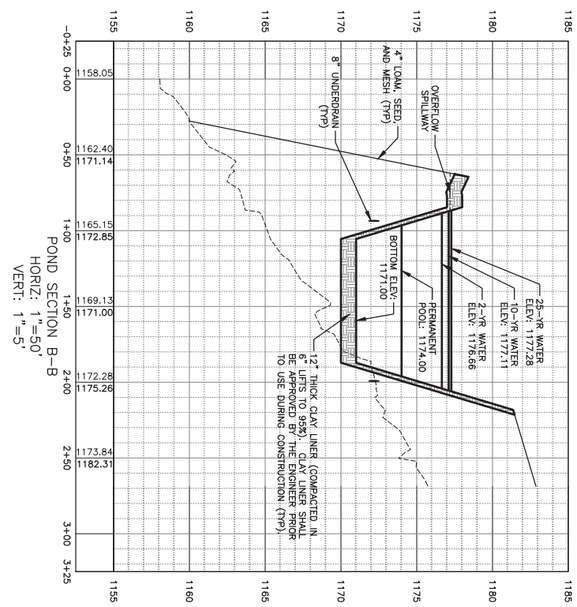

DRAWING NO.
S104B

SHEET 270 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM®

TITLE OF DRAWING
BATCH PLANT-2 PROFILES

FISHERASSOCIATES
WWW.FISHERASSOC.COM
Rockland, Maine 04841 (207) 596-7202 Fax (207) 596-6321
Phone: 800-869-8398

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140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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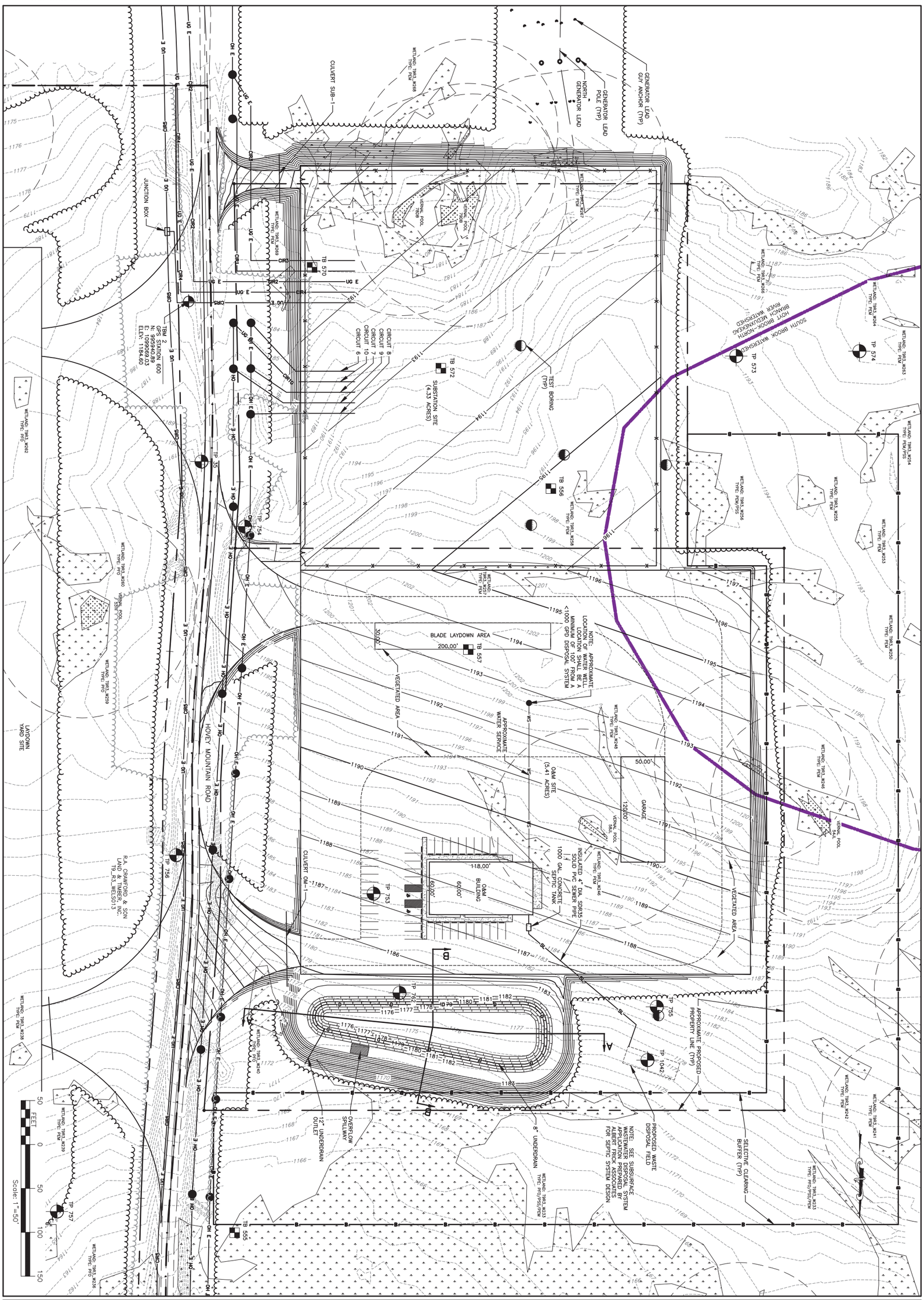
CULVERT SUB-1
NORTH GENERATOR LEAD
GENERATOR LEAD POLE (TYP)
GENERATOR LEAD GUY ANCHOR (TYP)
JUNCTION BOX
TBM 2
GPS STATION 600
N: 985940.89
E: 1119000.03
ELEV: 1184.60
TB 570
TB 572
SUBSTATION SITE (4.33 ACRES)
TEST BORING (TYP)
TB 556
TB 557
TB 555
TP 574
TP 573
SOUTH BROOK-NORTH BRANCH MEDOMAK-GEORGES RIVER WATERSHED
BLADE LAYDOWN AREA
200.00'
30.00'
VEGETATED AREA
NOTE: APPROXIMATE LOCATION OF WATER WELL. MAINTAIN A MINIMUM OF 100' FROM A SUBSURFACE DISPOSAL SYSTEM
APPROXIMATE WATER SERVICE
O&M SITE (5.41 ACRES)
50.00
120.00'
GARAGE
118.00'
60.00'
O&M BUILDING
1000 GAL SEPTIC TANK
INSULATED 4" DIA. SDR35 SOLID PVC SEWER PIPE
VEGETATED AREA
HOVEY MOUNTAIN ROAD
LAYDOWN YARD SITE
R.A. CRAWFORD & SON LAND SURVEYORS, INC. #19 - R.L. WELSON 13
CULVERT CUL-1
TP 753
TP 756
TP 754
TP 35
TP 752
TP 755
TP 1042
TP 757
TB 555
OVERFLOW SPILLWAY
12" UNDERDRAIN OUTLET
8" UNDERDRAIN
PROPOSED WASTE DISPOSAL FIELD
NOTE: SEE SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION PREPARED BY FOR SEPTIC SYSTEM DESIGN
APPROXIMATE PROPOSED PROPERTY LINE (TYP)
SELECTIVE CLEARING BUFFER (TYP)
VERNAL POOL 7608
VERNAL POOL 7609
VERNAL POOL 5862
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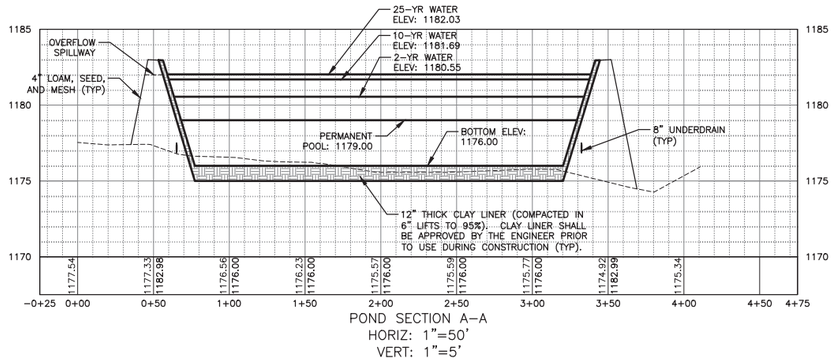

POND SECTION A-A
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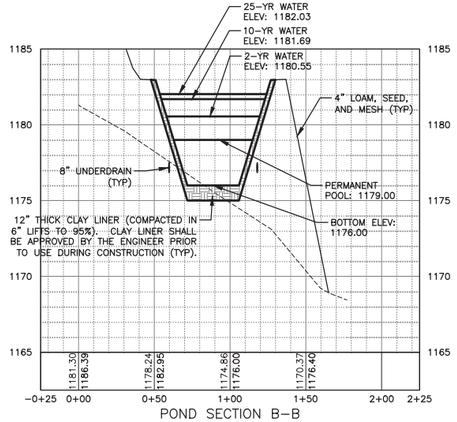
VERT: 1"=5'



POND SECTION B-B
HORIZ: 1"=50'
VERT: 1"=5'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
Rockland, Maine
Phone: 207-596-6760

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
SUBSTATION AND O&M PROFILES

DRAWING NO.
S105B

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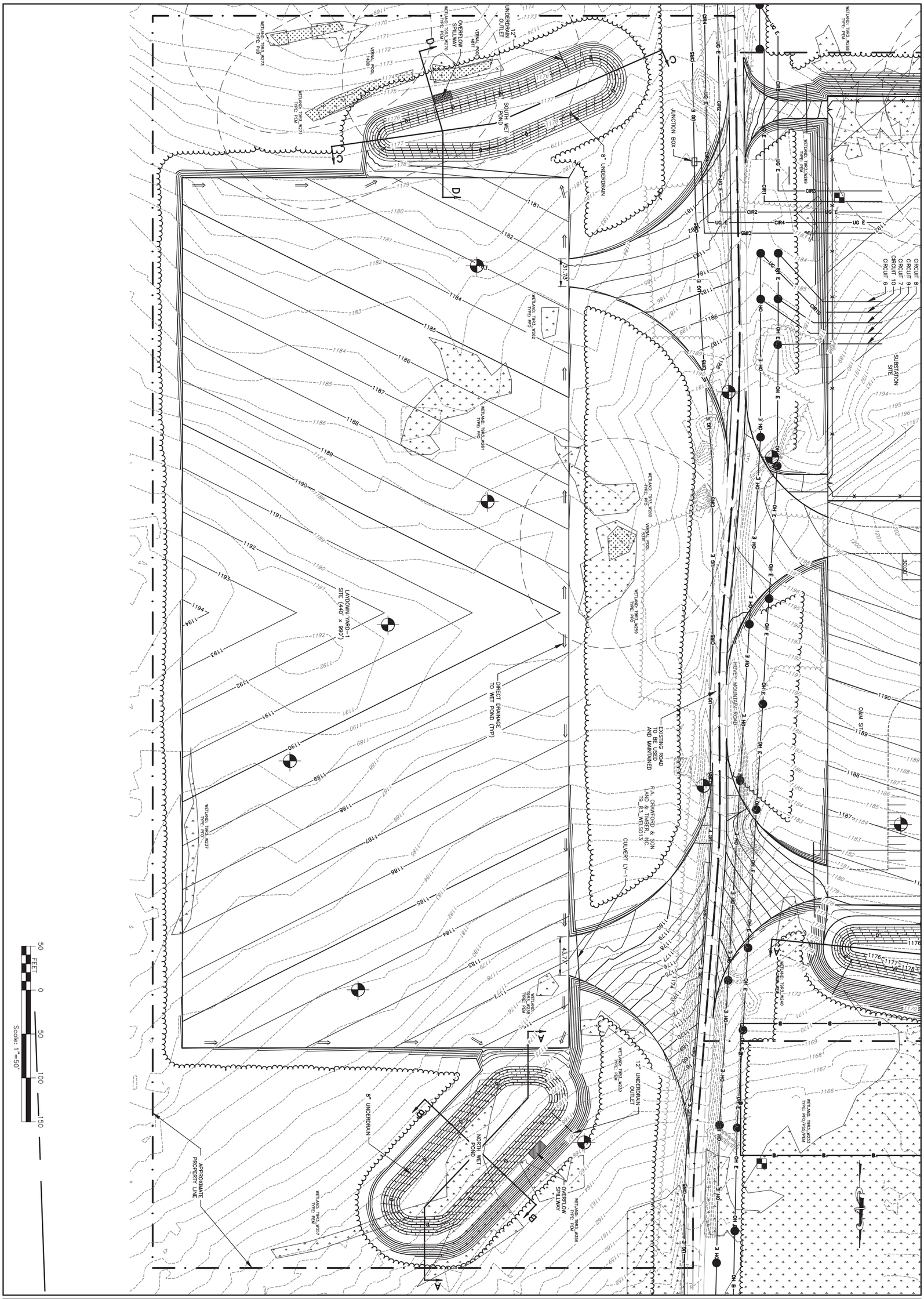

S106

DRAWING NO.

SHEET 273 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM®

TITLE OF DRAWING
LAYDOWN YARD-1 SITE PLAN

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REV	DESCRIPTION	DATE	BY
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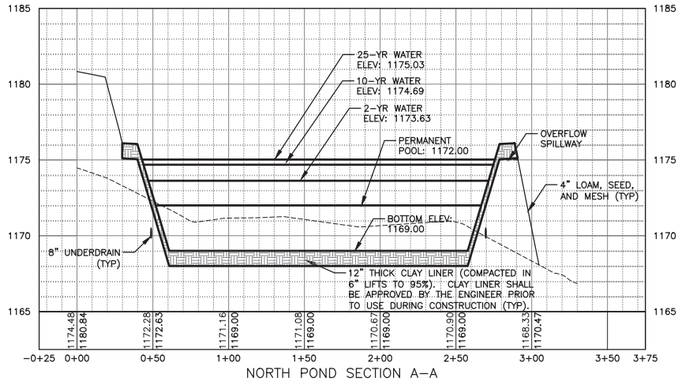

NORTH POND SECTION A–A
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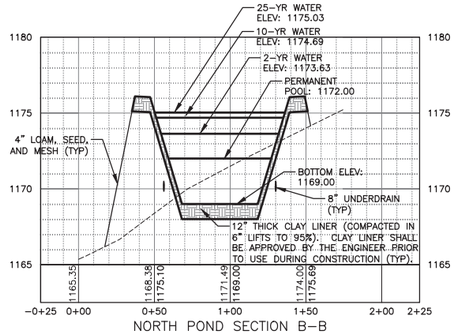

NORTH POND SECTION B–B
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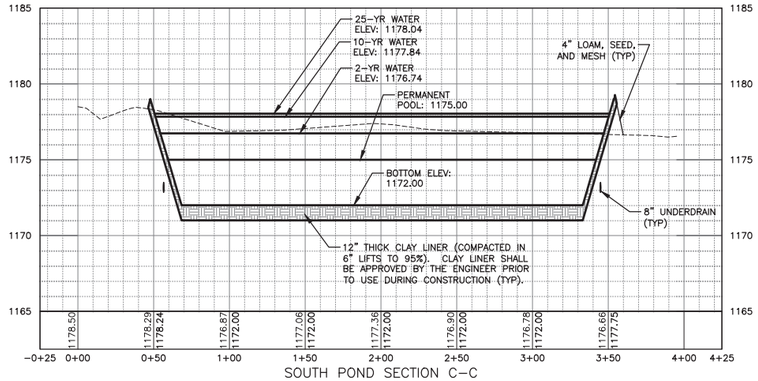

SOUTH POND SECTION C–C
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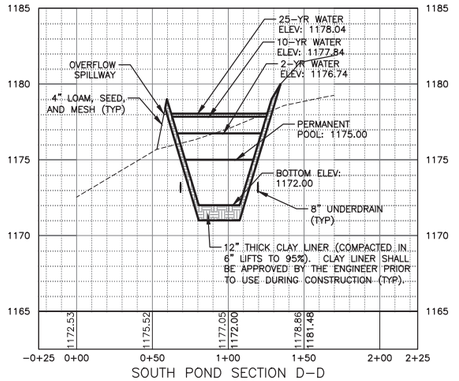

SOUTH POND SECTION D–D
HORIZ: 1"=50'
VERT: 1"=5'

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NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
LAYDOWN YARD-1 PROFILES

DRAWING NO.
S106B

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 LAYDOWN-1 SHEET.dwg
DATE/TIME: 7/8/2015 4:51:48 PM
USER: Steven Mellott

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DATE/TIME: 7/8/2015 4:54:24 PM
USER: Steven Mellott

S107
DRAWING NO.
SHEET 275 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
LAYDOWN YARD-4 SITE PLAN

NUMBER NINE WIND FARM

FISHER ASSOCIATES
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Phone: 800-869-8386

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
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If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

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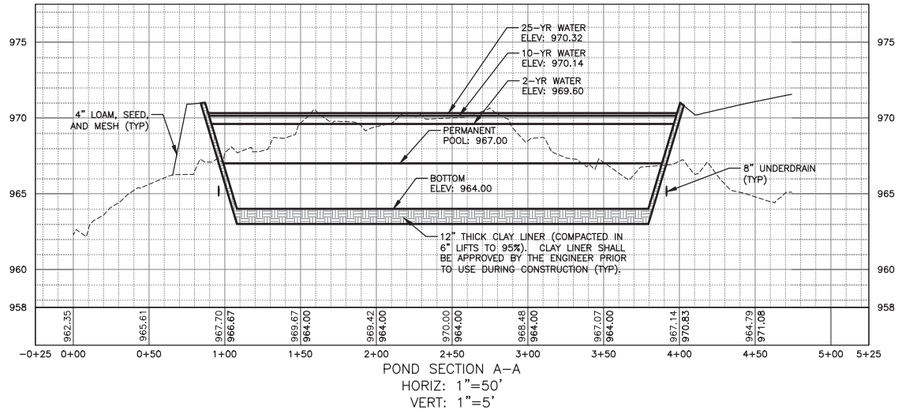
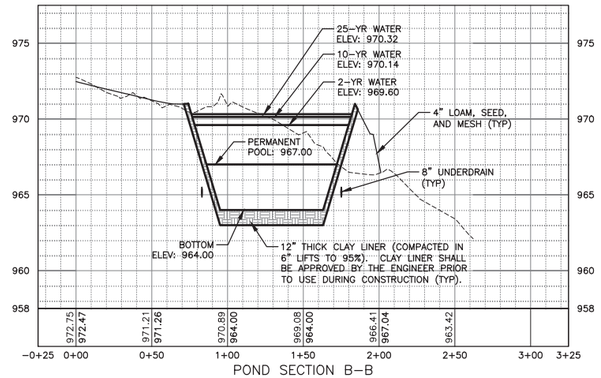


POND SECTION A-A
HORIZ: 1"=50'
VERT: 1"=5'



POND SECTION B-B
HORIZ: 1"=50'
VERT: 1"=5'

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Phone: 207-596-6760

NUMBER NINE WIND FARM®

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
LAYDOWN YARD-4 PROFILES

DRAWING NO.
S107B

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 BATCH PLANT SOUTH SHEET.dwg
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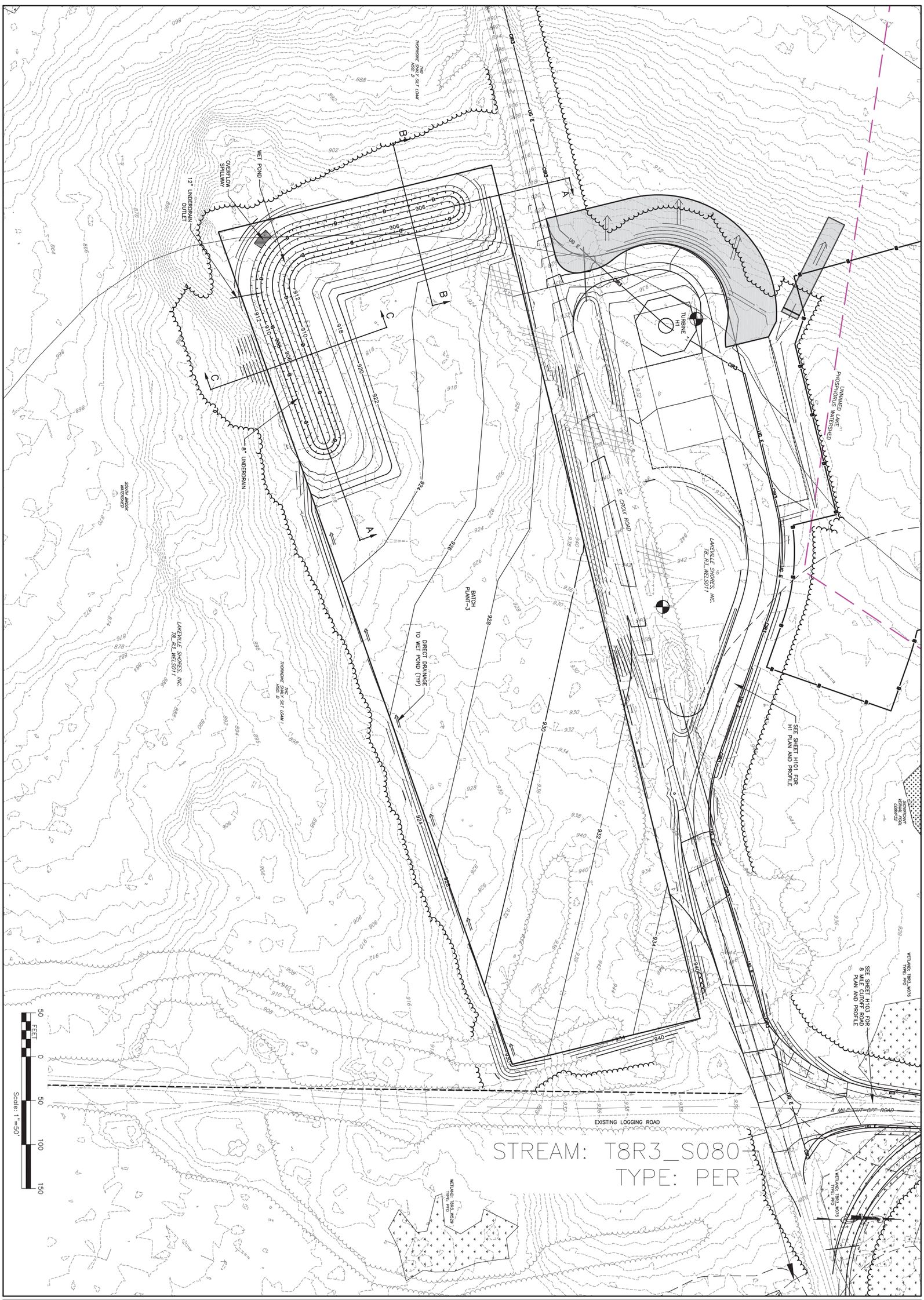

S108
DRAWING NO.
SHEET 277 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BATCH PLANT-3 SITE PLAN

NUMBER NINE WIND FARM

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
Phone: 936-888-8386

FA PROJECT NO.
140009
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If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

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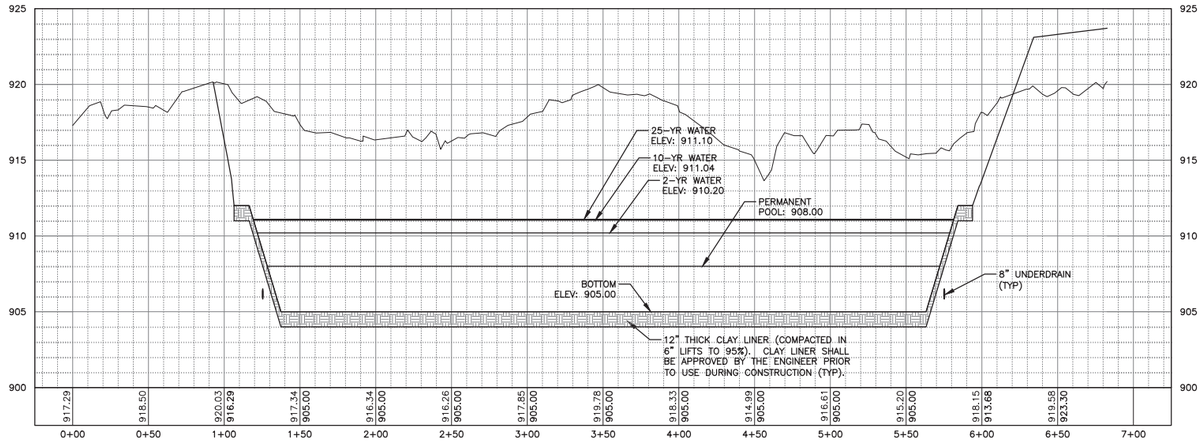

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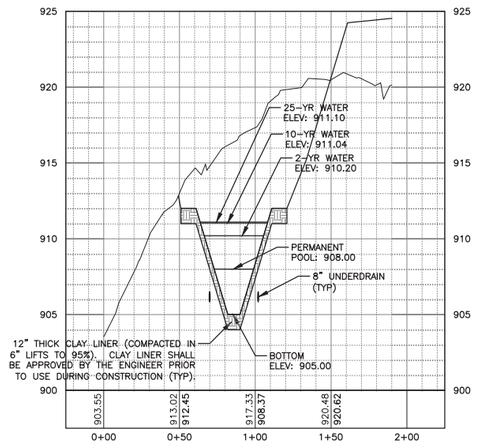
VERT: 1"=5'



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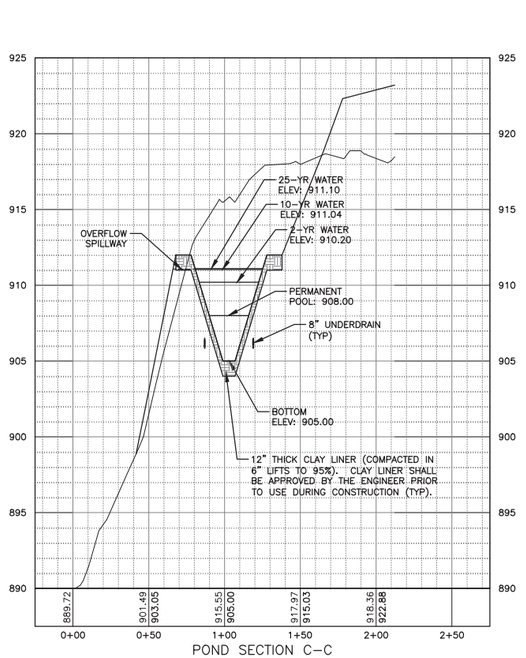
VERT: 1"=5'



POND SECTION C–C
HORIZ: 1"=50'
VERT: 1"=5'

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DATE/TIME: 7/8/2015 5:05:05 PM
USER: Steven Mellott

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FA PROJECT NO.
140009
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S. MELLOTT
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JULY 2015

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WWW.FISHERASSOC.COM
Rockland Maine Office
Phone: 207-596-6300

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BATCH PLANT-3 PROFILES

DRAWING NO.
S108B

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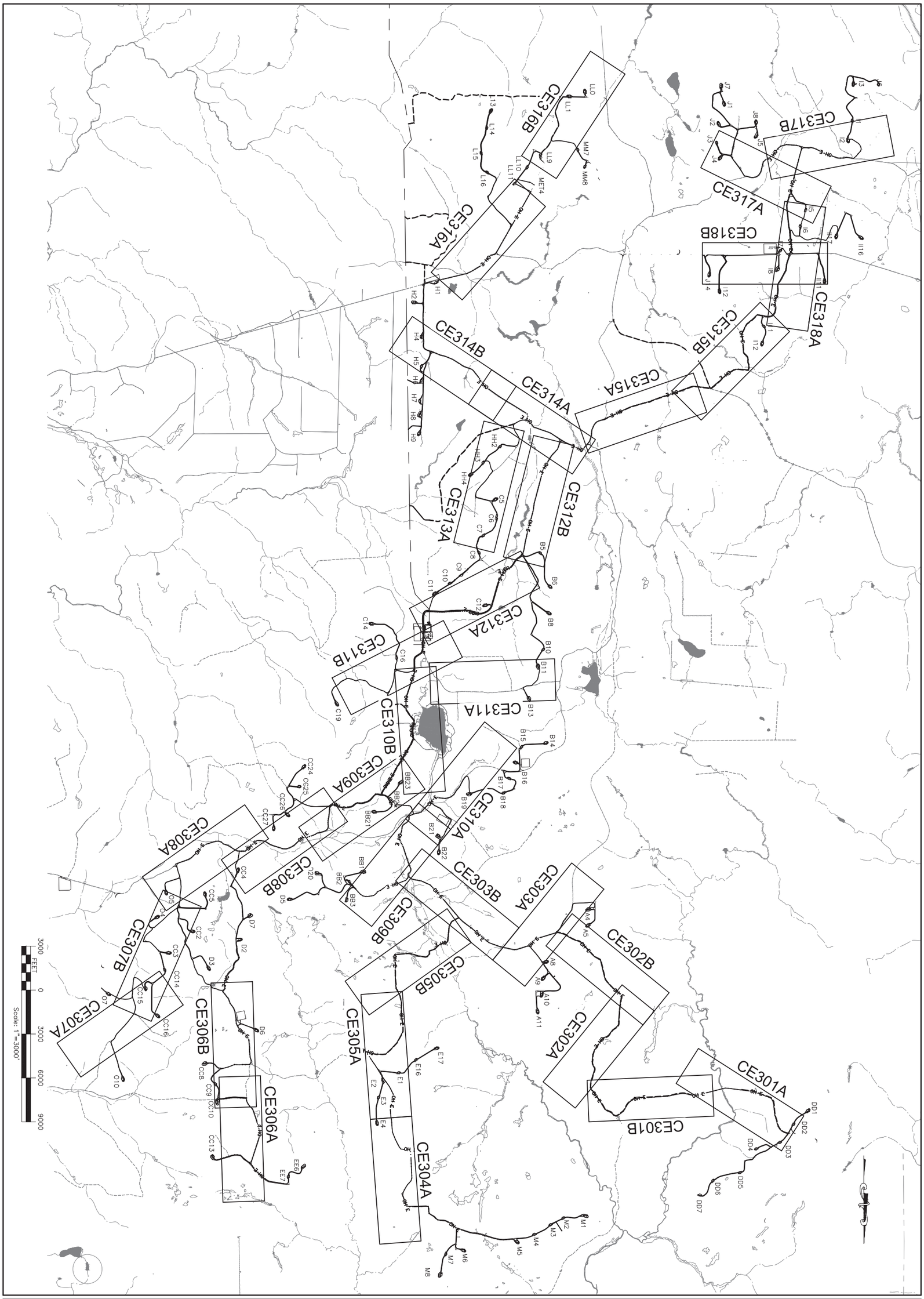

DRAWING NO.
CE300
SHEET 279 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM

TITLE OF DRAWING
COLLECTION LINE INDEX

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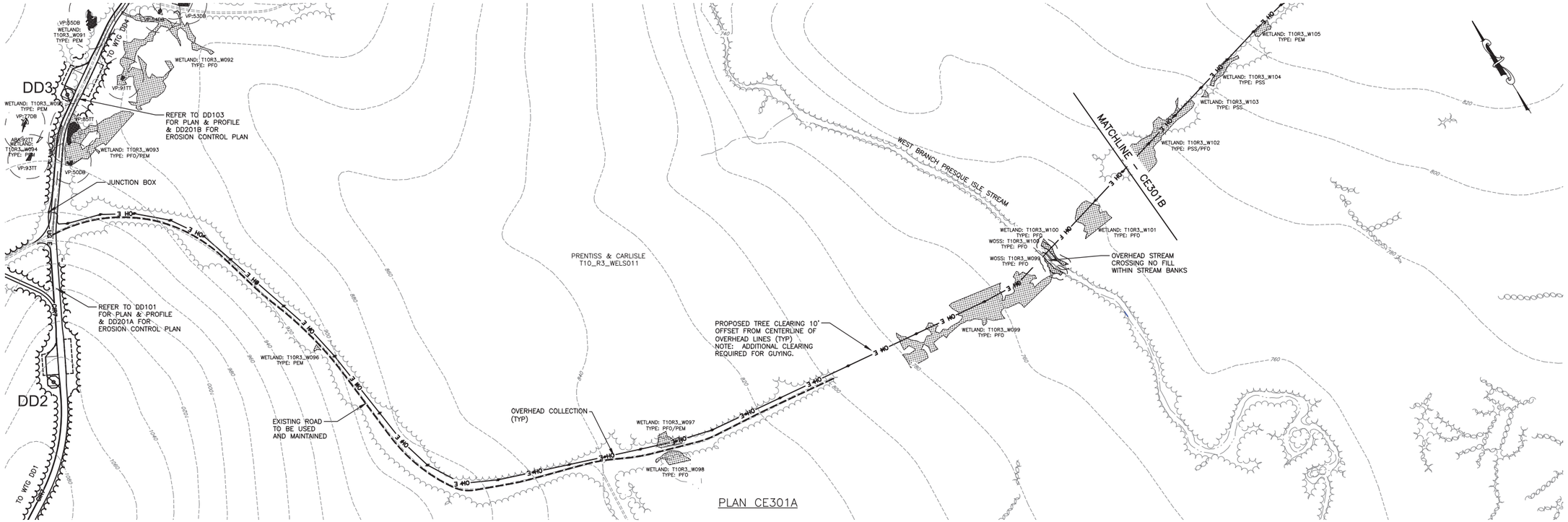

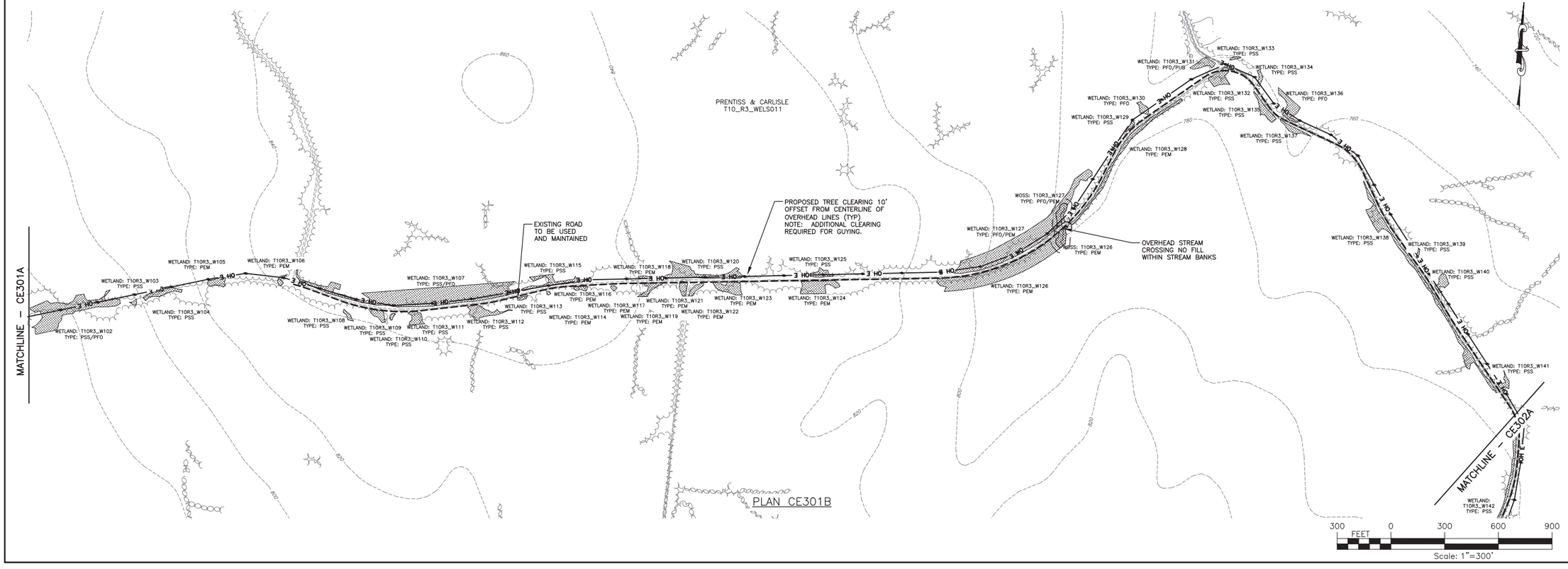

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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE301

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 CE301-CE303 Sheets.dwg
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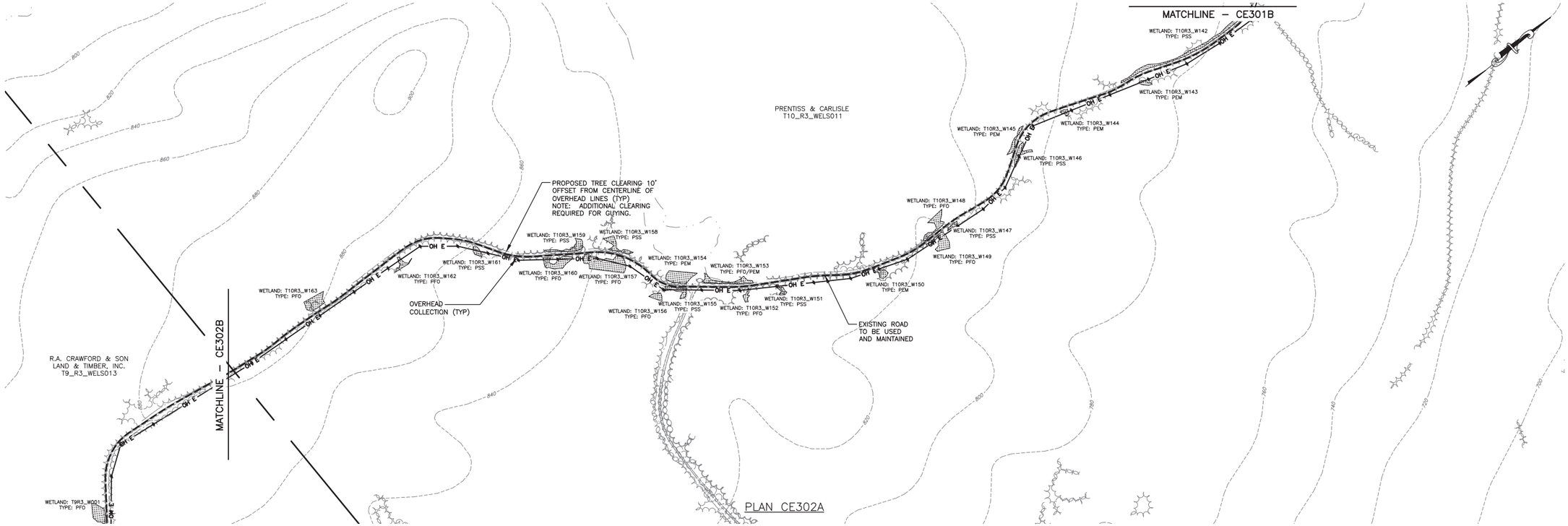

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140009
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PROJECT
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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE302

MATCHLINE – CE302B

REFER TO A101 FOR PLAN & PROFILE & A201A FOR EROSION CONTROL PLAN

PROPOSED TREE CLEARING 10' OFFSET FROM CENTERLINE OF OVERHEAD LINES (TYP) NOTE: ADDITIONAL CLEARING REQUIRED FOR GUYING.

WETLAND: T9R3_W021 TYPE: PFO
WETLAND: T9R3_W023 TYPE: PEM
WETLAND: T9R3_W022 TYPE: PFO
WETLAND: T9R3_W028 TYPE: PSS
WETLAND: T9R3_W029 TYPE: PSS
WETLAND: T9R3_W030 TYPE: PSS/PEM
WETLAND: T9R3_W024 TYPE: PFO
WOSS: T9R3_W026 TYPE: PFO/PSS
WETLAND: T9R3_W027 TYPE: PFO/PSS/PEM
WETLAND: T9R3_W025 TYPE: PEM
WETLAND: T9R3_W033 TYPE: PFO
WETLAND: T9R3_W031 TYPE: PEM
VP:C10VP06

R.A. CRAWFORD & SON LAND & TIMBER, INC. T9_R3_WELS013

OVERHEAD COLLECTION (TYP)

EXISTING ROAD TO BE USED AND MAINTAINED

REFER TO A103 FOR PLAN & PROFILE & A202A FOR EROSION CONTROL PLAN

VP:C10VP04
VP:C10VP02
WETLAND: T9R3_W048 TYPE: PEM/PFO
WETLAND: T9R3_W047 TYPE: PFO
VP:C10VP21
WETLAND: T9R3_W049 TYPE: PFO
WETLAND: T9R3_W050 TYPE: PSS
WETLAND: T9R3_W051 TYPE: PFO

PLAN CE303A

MATCHLINE – CE303B

MATCHLINE – CE303A

SVP:92RK
WETLAND: T9R3_W052 TYPE: PFO
WOSS: T9R3_W052 TYPE: PFO
WETLAND: T9R3_W053 TYPE: PEM
WETLAND: T9R3_W055 TYPE: PEM
WETLAND: T9R3_W054 TYPE: PEM
WETLAND: T9R3_W056 TYPE: PSS
SVP:D08VP20
WETLAND: T9R3_W057 TYPE: PSS
VP:94RK
VP:93RK
VP:C10VP20
WETLAND: T9R3_W059 TYPE: PEM
WETLAND: T9R3_W060 TYPE: PFO
WOSS: T9R3_W058 TYPE: PEM

EXISTING ROAD TO BE USED AND MAINTAINED

MATCHLINE – CE305B

OVERHEAD COLLECTION (TYP)

PROPOSED TREE CLEARING 10' OFFSET FROM CENTERLINE OF OVERHEAD LINES (TYP) NOTE: ADDITIONAL CLEARING REQUIRED FOR GUYING.

SVP:95RK
WOSS: T9R3_W061 TYPE: PFO/PSS/PUB
WETLAND: T9R3_W062 TYPE: PEM
WETLAND: T9R3_W064 TYPE: PFO
WOSS: T9R3_W064 TYPE: PFO
WETLAND: T9R3_W066 TYPE: PEM
WETLAND: T9R3_W068 TYPE: PFO/PSS
WOSS: T9R3_W063 TYPE: PFO
WOSS: T9R3_W065 TYPE: PFO/PEM
WOSS: T9R3_W067 TYPE: PSS
WETLAND: T9R3_W069 TYPE: PFO
WOSS: T9R3_W069 TYPE: PFO

OVERHEAD STREAM CROSSING NO FILL WITHIN STREAM BANKS

OVERHEAD STREAM CROSSING NO GROUND DISTURBANCE WITHIN STREAM BANKS

OVERHEAD STREAM CROSSING NO FILL WITHIN STREAM BANKS

WETLAND: T9R3_W070 TYPE: PFO
WETLAND: T9R3_W071 TYPE: PFO
WETLAND: T9R3_W072 TYPE: PSS
WETLAND: T9R3_W073 TYPE: PFO/PSS
WOSS: T9R3_W074 TYPE: PSS/PFO
VP:70JL

R.A. CRAWFORD & SON LAND & TIMBER, INC. T9_R3_WELS013

R.A. CRAWFORD & SON LAND & TIMBER, INC. T0_R2_WELS012

MATCHLINE – CE309B

WOSS: TDR2_W121 TYPE: PFO
WOSS: TDR2_W118 TYPE: PFO
WOSS: TDR2_W120 TYPE: PSS/PEM
WETLAND: TDR2_W116 TYPE: PFO
VP:D08VP19
WOSS: TDR2_W119 TYPE: PFO/PUB
WETLAND: T9R3_W115 TYPE: PFO
WOSS: TDR2_W117 TYPE: PEM

PLAN CE303B

300 FEET 0 300 600 900
Scale: 1"=300'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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WWW.FISHERASSOC.COM
135 Commercial Street, Suite 310, Portland, ME 04101 Phone: 207.774.2112

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE303

SHEET 282 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 CE301-CE303 Sheets.dwg
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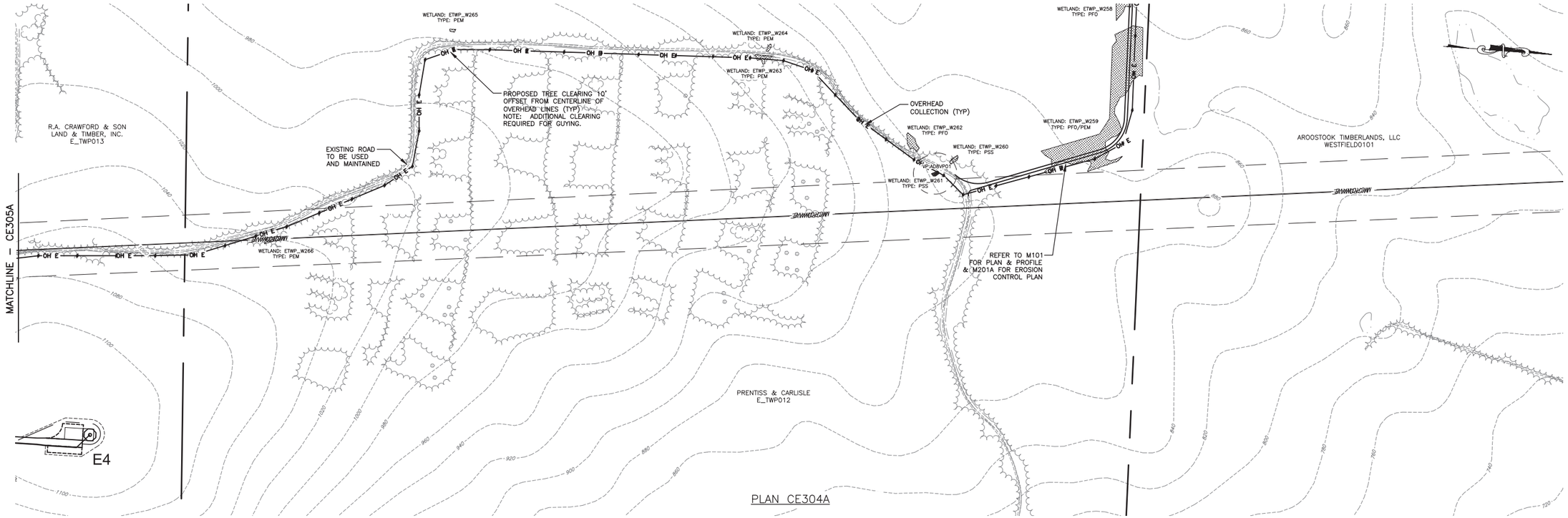

PLAN CE304A

300 FEET 0 300 600 900

Scale: 1"=300'

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DATE/TIME: 7/8/2015 3:48:04 PM
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FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Clifton Park, Rutland, VT 05623
Phone: (802) 334-3339

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WIND FARM®

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE304

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WWW.FISHERASSOC.COM
135 Corinth Road, Saratoga Springs, NY 12603
Phone: (518) 584-3133

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

FA PROJECT NO.
140009

PROJECT MANAGER
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DRAWN BY:
BK

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AS SHOWN

ISSUE DATE
JULY 2015

DRAWING NO.
CE305

SHEET 284 OF 338

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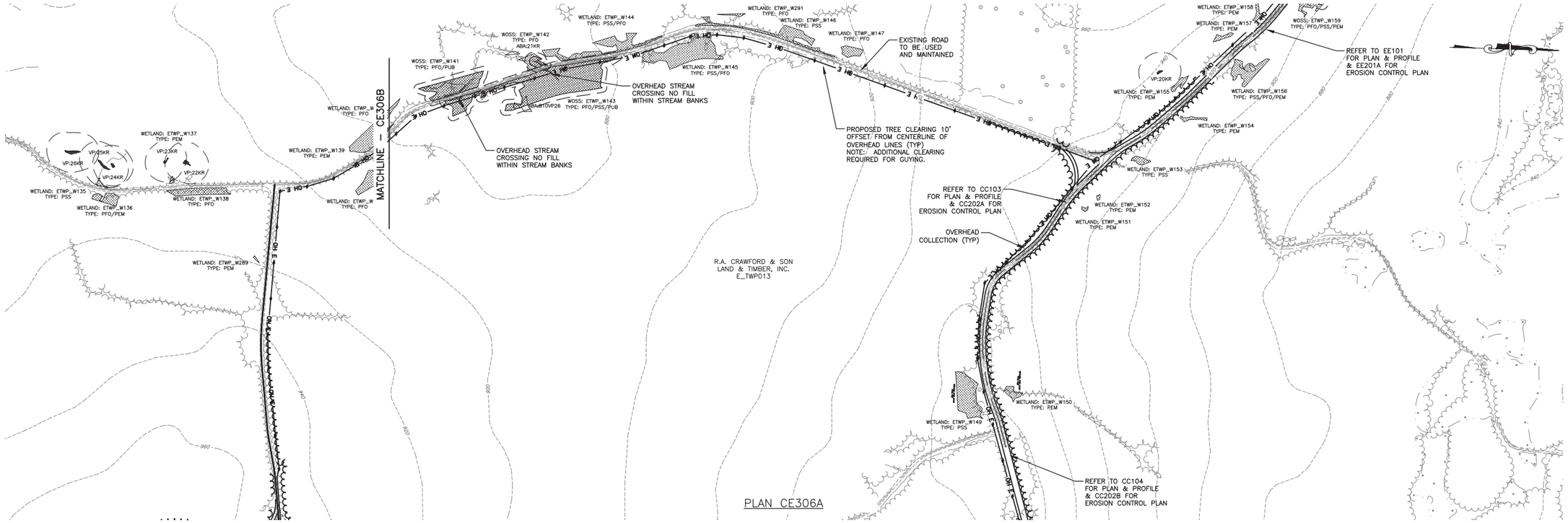

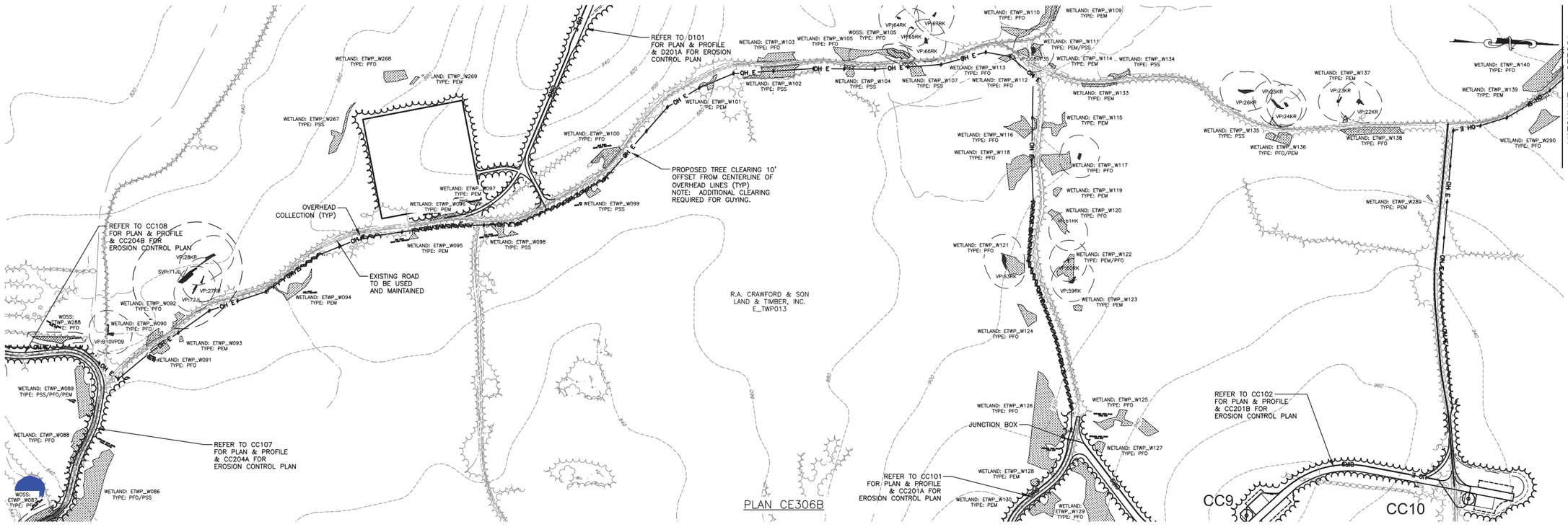

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FA PROJECT NO.
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DRAWN BY:
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ISSUE DATE
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135 Corporate Drive, Johnstown, NY 12095
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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE306

SHEET 285 OF 338

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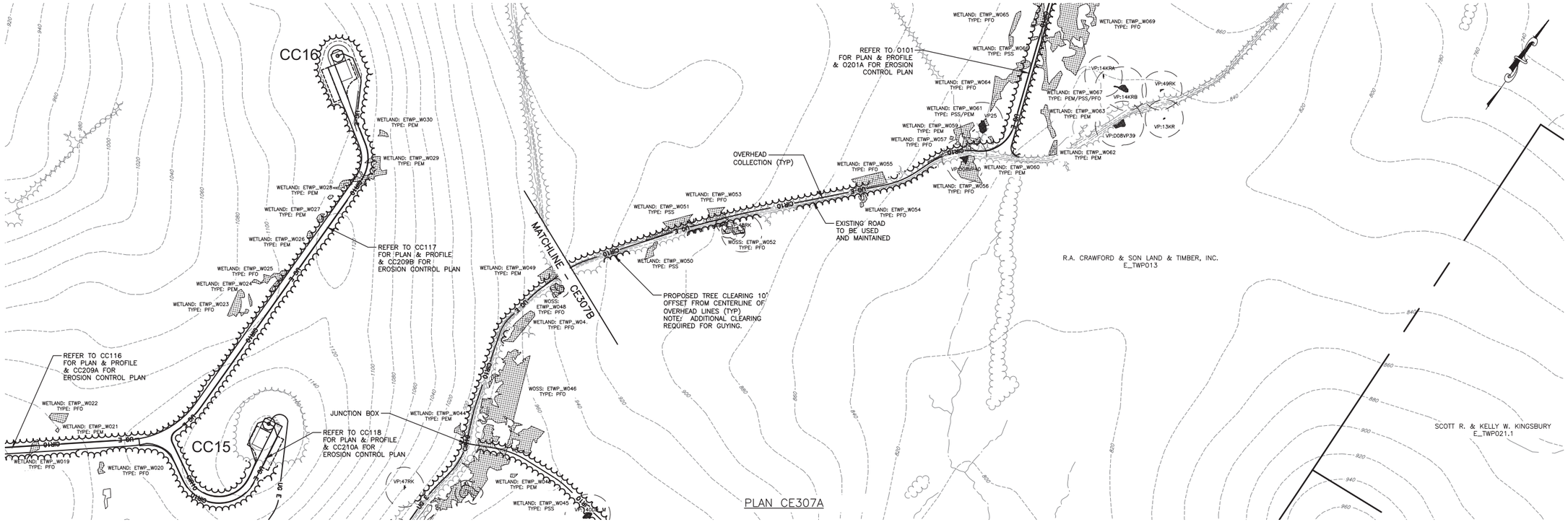

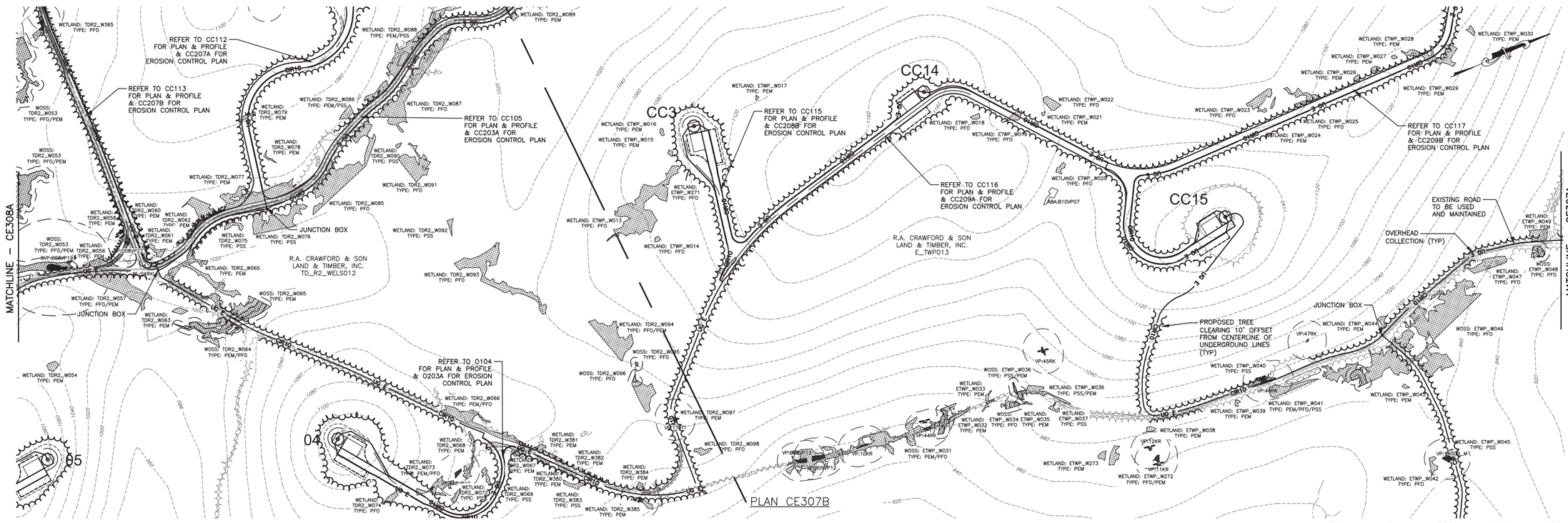

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USER: Steven Mellott

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
BK
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

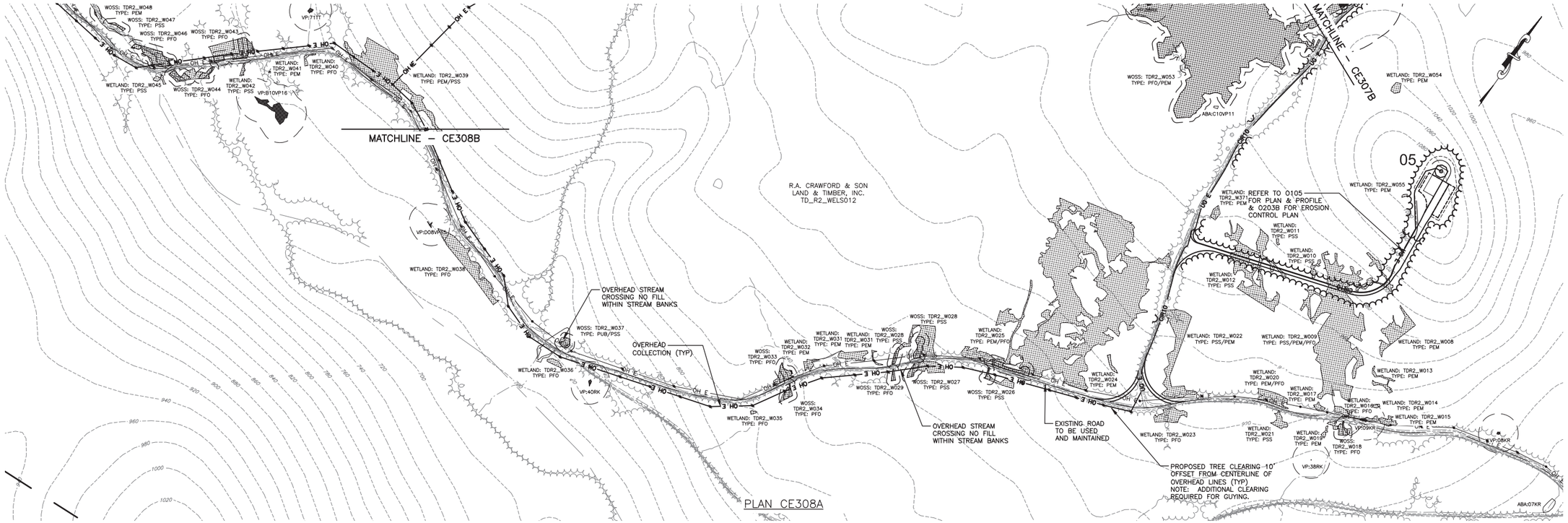
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commercial Street, Suite 301, Portland, ME 04101
Phone: 207.772.2515

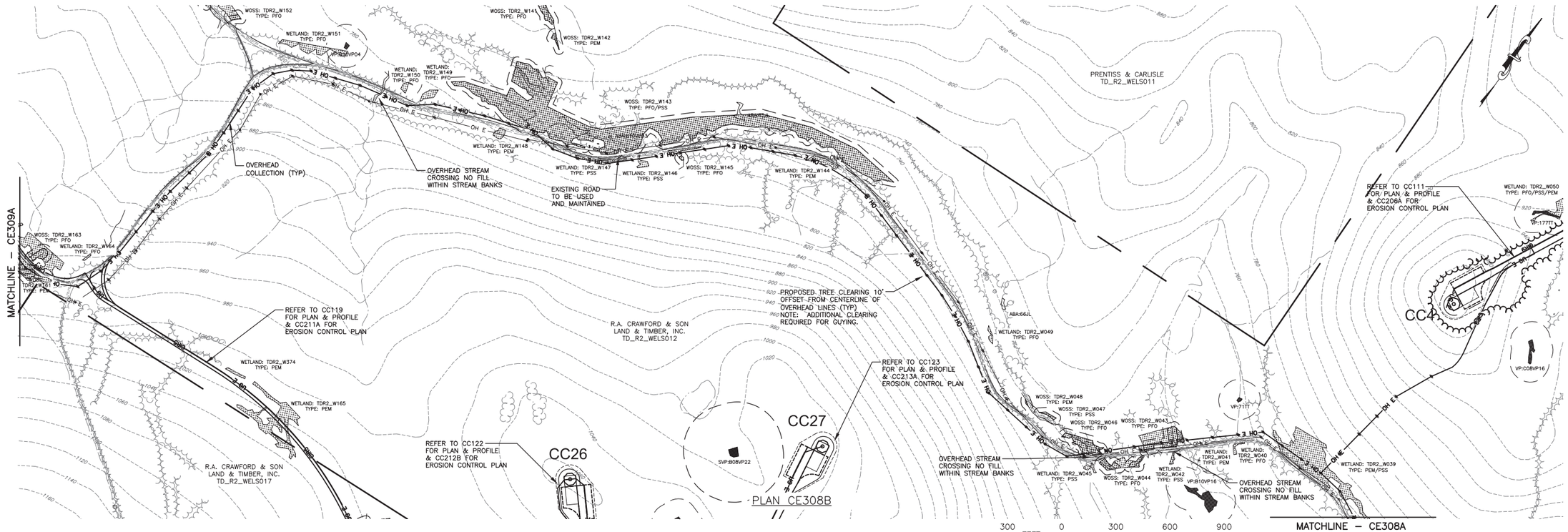
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE307





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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
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ISSUE DATE
JULY 2015

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Phone: (207) 774-2112

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE308

SHEET 287 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 CE307-CE309 Sheets.dwg
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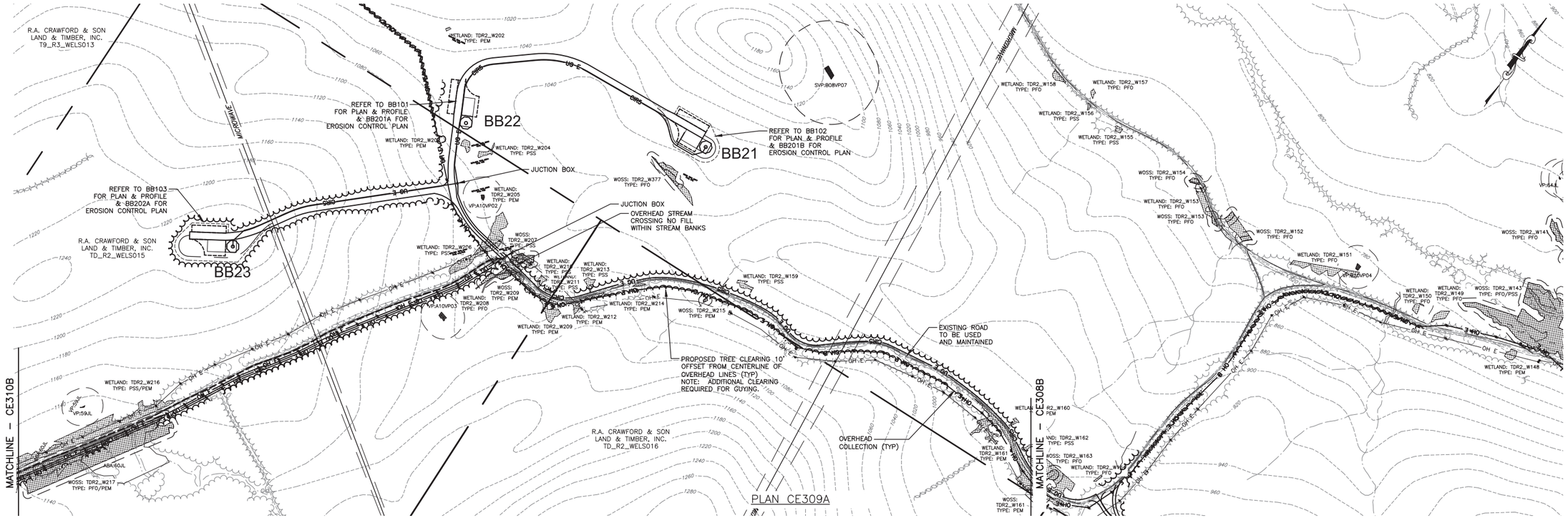

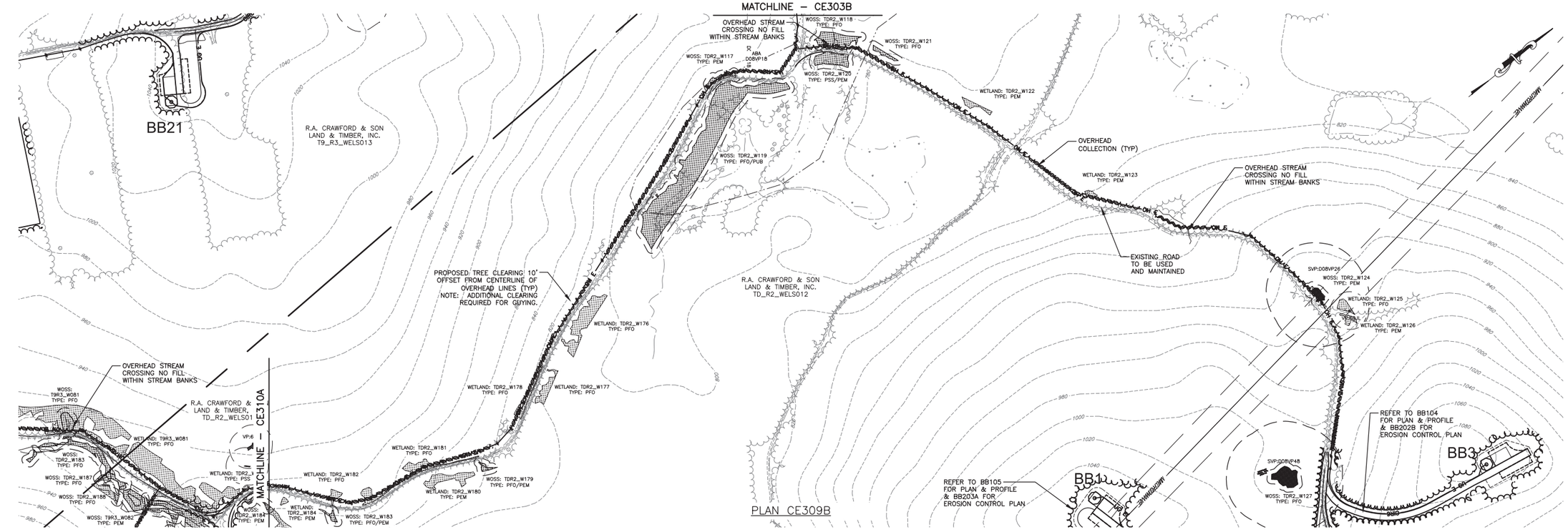

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If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, the altering engineer, land surveyor or landscape architect shall affix to the item his/her seal and his/her signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
BK
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Corinth Road, Bangor, ME 04401
Phone: 207.942.3333 Fax: 207.942.3423

NUMBER NINE WIND FARM®

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE309

SHEET 288 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CE307-CE309 Sheets.dwg
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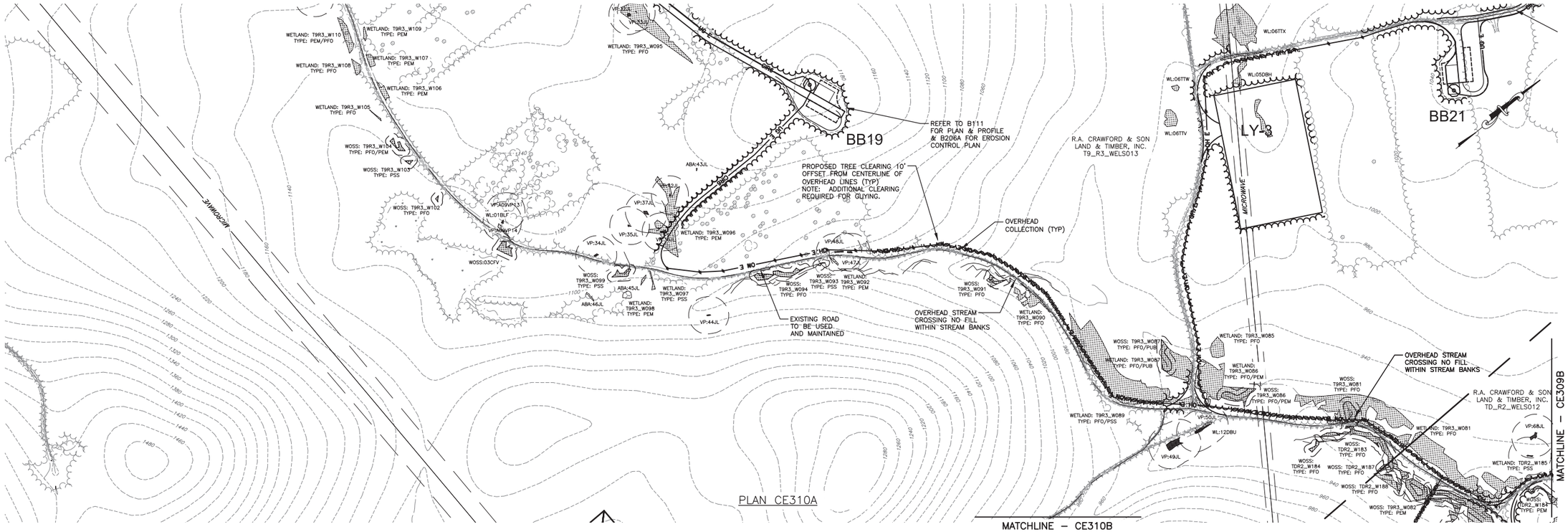

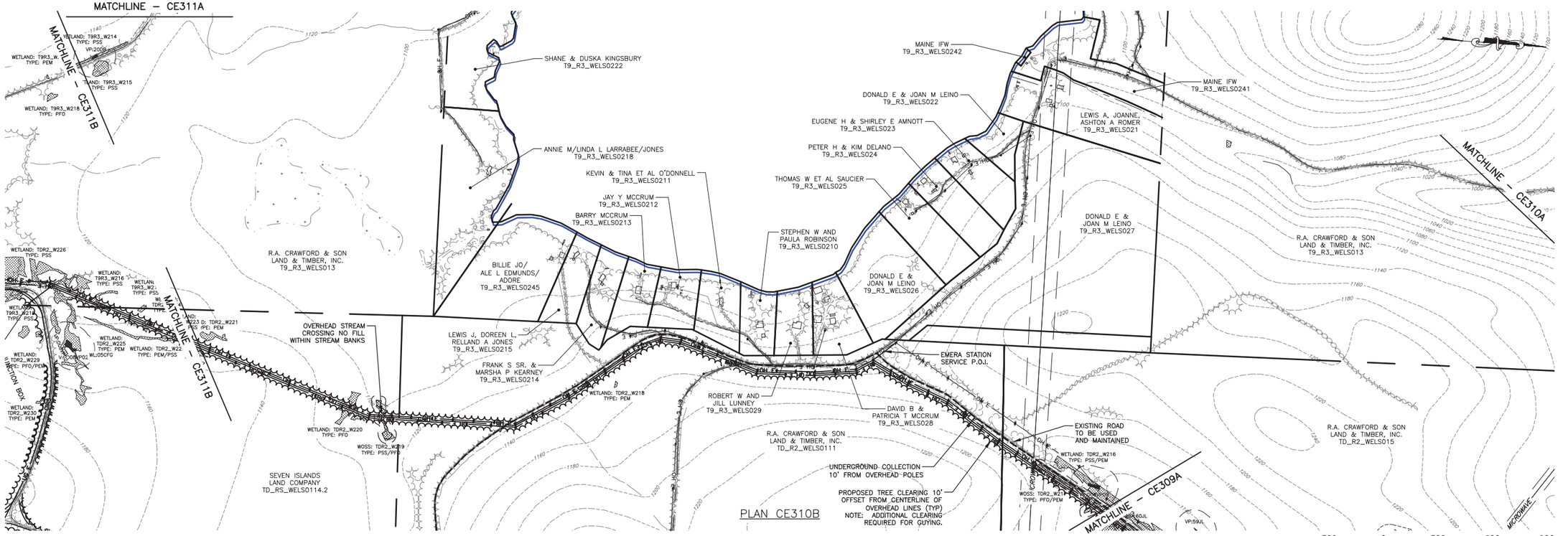

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New York State Education Law Section 7209 states that it is a violation of law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor, to alter in any way, any item bearing the seal of an engineer, land surveyor or a planner, and the specific addition to the item of his/her name, his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
BK

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ISSUE DATE
JULY 2015

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CE310-CE313 Sheets.dwg
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WWW.FISHERASSOC.COM
15 Columbia Street, Bangor, ME 04401
Phone: 207-947-8200

NUMBER NINE WIND FARM™

PROJECT
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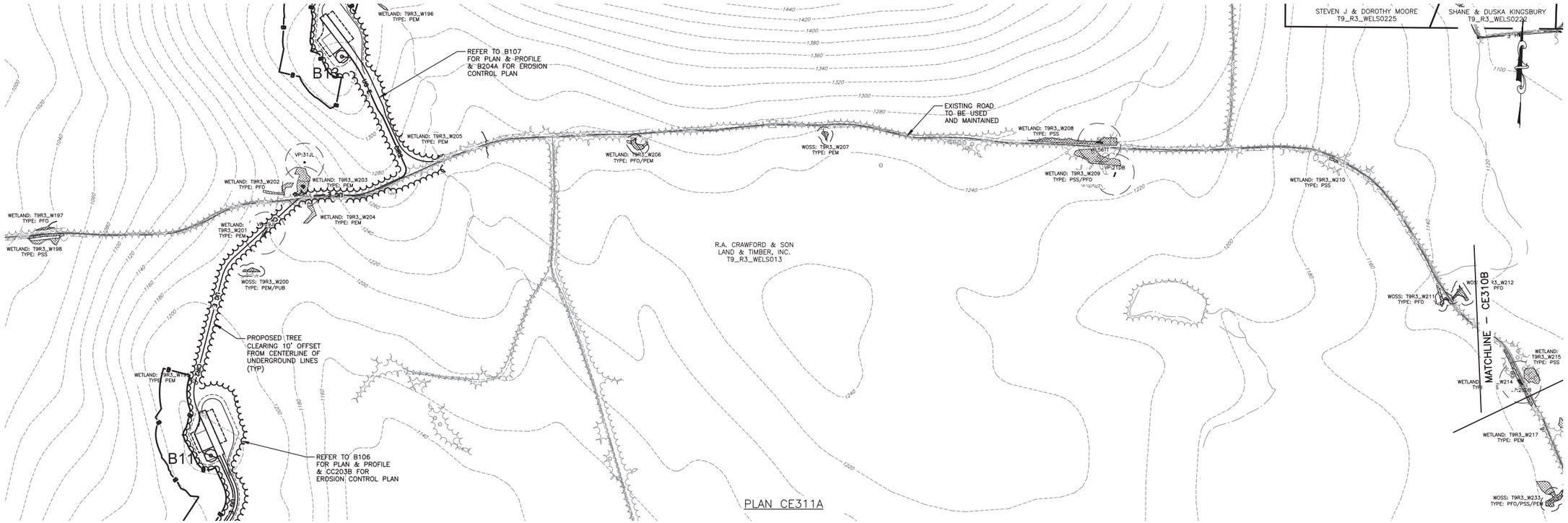
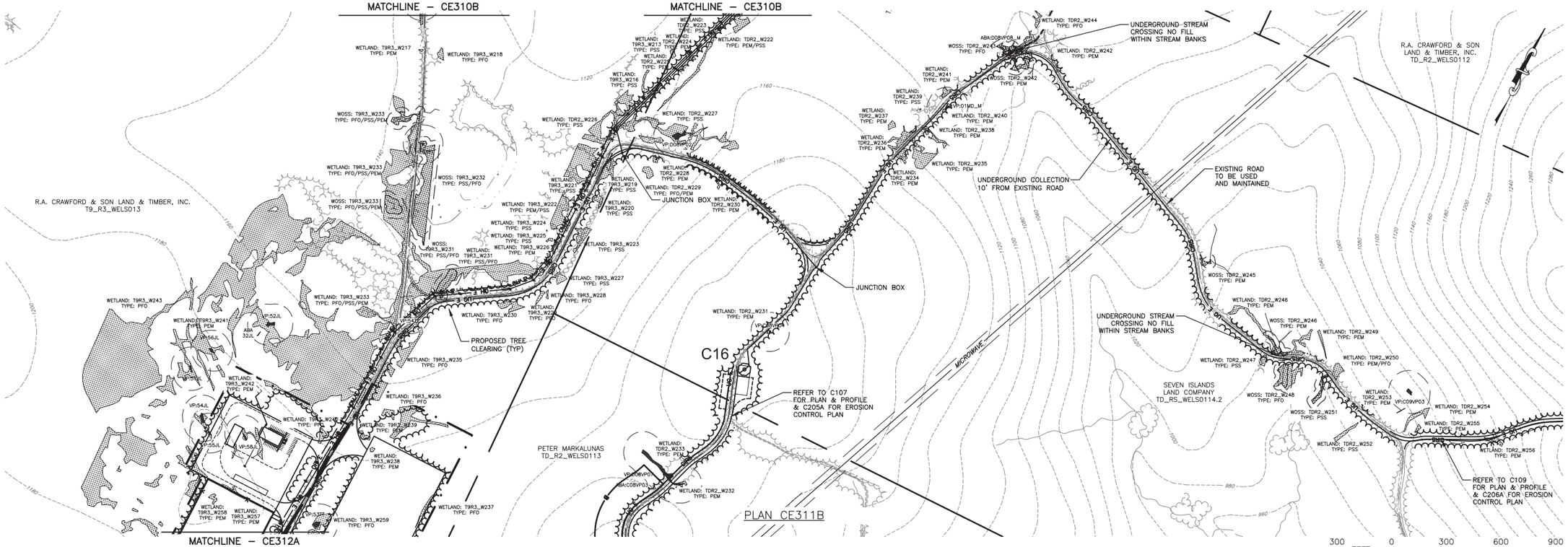
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE310

SHEET 289 OF 338





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New York State Education Law Section 7209 states that it is a violation of this law for any person, unless he is acting under the direction of a licensed engineer, surveyor, to alter in any way, any item bearing the seal of an engineer, land surveyor or landscape architect, as the term is defined in said section. The term 'alter' shall also include the term 'add to'. If an item bearing the seal of an engineer, land surveyor or landscape architect is altered, then the alterer shall affix to the item his/her seal and his/her signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
326 Cantiague Rock Road, Suite 2
Hicksville, NY 11801 (516) 931-3900

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE311

SHEET 290 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 CE310-CE313 Sheets.dwg
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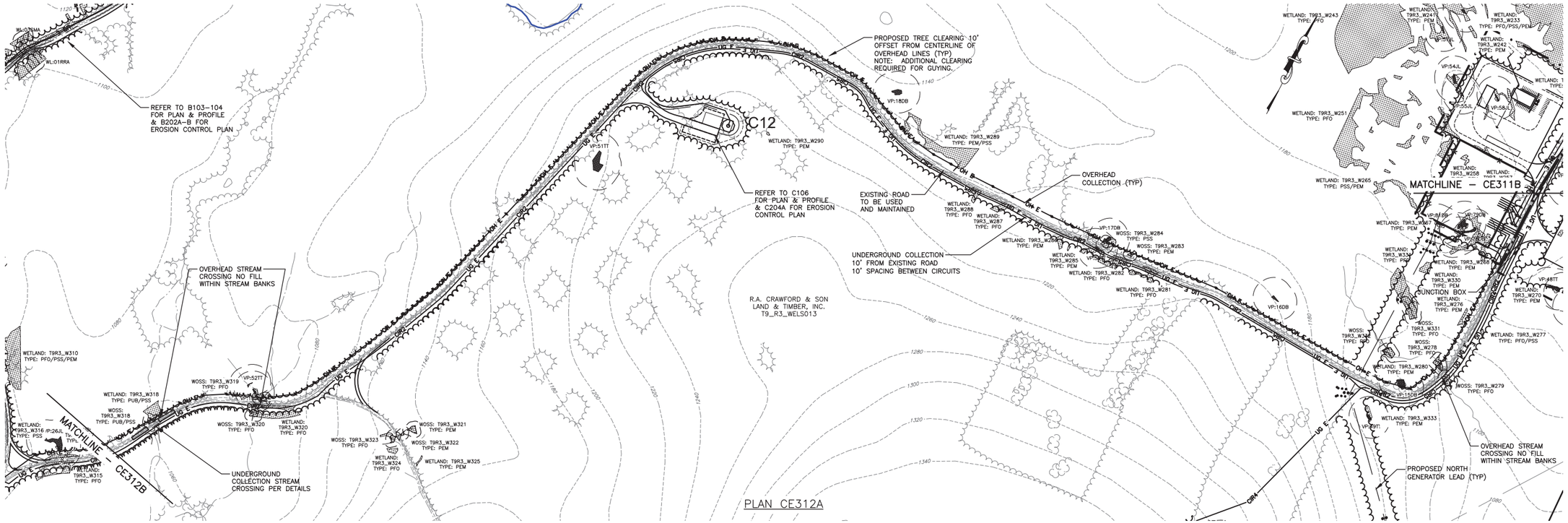

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street, Rochester, NY 14607
Phone: (585) 334-3320

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE312

SHEET 291 OF 338

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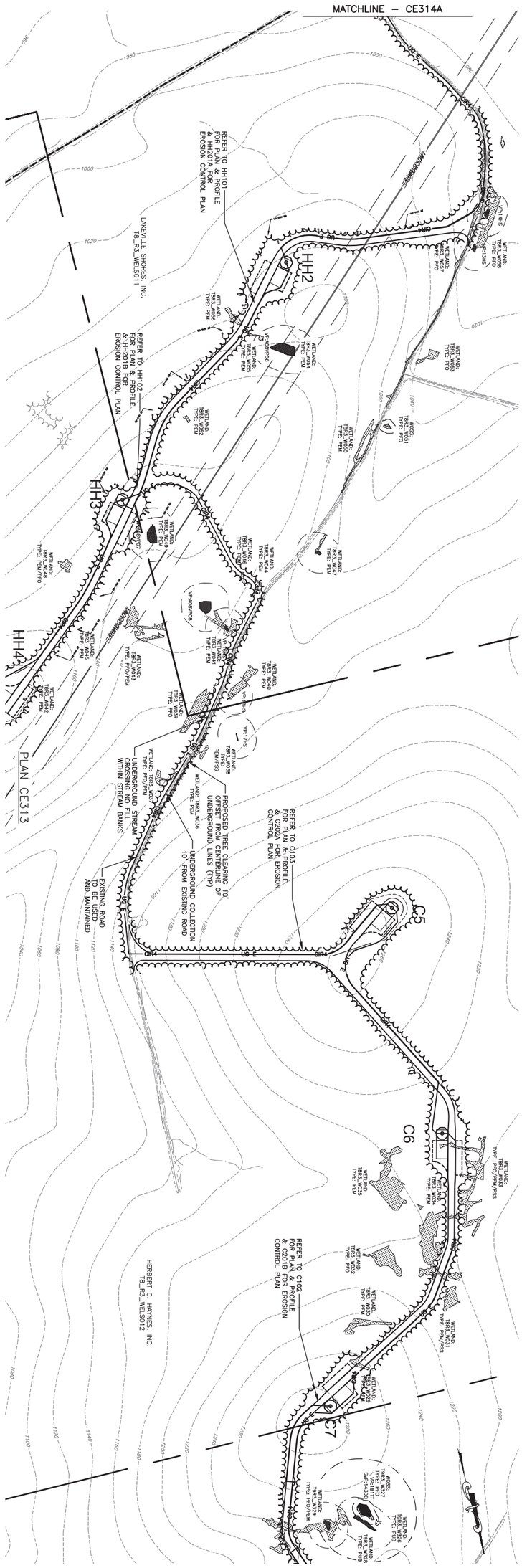
MATCHLINE – CE314A
MATCHLINE – CE313
HH1
HH2
HH3
HH4
C5
C6
C7
REFER TO HH101 FOR PLAN & PROFILE & HH201A FOR EROSION CONTROL PLAN
REFER TO HH102 FOR PLAN & PROFILE & HH202A FOR EROSION CONTROL PLAN
REFER TO C103 FOR PLAN & PROFILE & C203A FOR EROSION CONTROL PLAN
REFER TO C102 FOR PLAN & PROFILE & C201B FOR EROSION CONTROL PLAN
LAKEVILLE SHORES, INC. TB_10_WELS011
HERBERT C. HAYNES, INC. TB_R3_WELS012
PROPOSED TREE CLEARING 10' OFFSET FROM CENTERLINE OF UNDERGROUND LINES (TYP)
UNDERGROUND COLLECTION LINE FROM EXISTING ROAD
EXISTING ROAD TO BE USED AND MAINTAINED
UNDERGROUND COLLECTION LINE CROSSING OVER STREAM WITHIN STREAM BANKS
WETLAND TREL_WD01 TYPE: PFO/PEM
WETLAND TREL_WD02 TYPE: PEM
WETLAND TREL_WD03 TYPE: PFO/PEM/PSS
WETLAND TREL_WD04 TYPE: PEM
WETLAND TREL_WD05 TYPE: PEM
WETLAND TREL_WD06 TYPE: PFO
WETLAND TREL_WD07 TYPE: PFO/PEM
WETLAND TREL_WD08 TYPE: PFO
WETLAND TREL_WD09 TYPE: PEM/PSS
WETLAND TREL_WD10 TYPE: PEM
WETLAND TREL_WD11 TYPE: PEM
WETLAND TREL_WD12 TYPE: PEM
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WETLAND TREL_WD28 TYPE: PEM
WETLAND TREL_WD29 TYPE: PEM
WETLAND TREL_WD30 TYPE: PEM
WETLAND TREL_WD31 TYPE: PEM/PSS
WETLAND TREL_WD32 TYPE: PEM
WETLAND TREL_WD33 TYPE: PEM
WETLAND TREL_WD34 TYPE: PEM
WETLAND TREL_WD35 TYPE: PEM
WETLAND TREL_WD36 TYPE: PEM
WETLAND TREL_WD37 TYPE: PFO/PEM
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WETLAND TREL_WD47 TYPE: PEM
WETLAND TREL_WD48 TYPE: PEM
WETLAND

MATCHLINE – CE312B

MATCHLINE – CE313A

MATCHLINE – CE314B

OVERHEAD STREAM CROSSING NO FILL WITHIN STREAM BANKS

OVERHEAD COLLECTION (TYP)

OVERHEAD STREAM CROSSING NO FILL WITHIN STREAM BANKS

EXISTING ROAD TO BE USED AND MAINTAINED

PROPOSED TREE CLEARING 10' OFFSET FROM CENTERLINE OF OVERHEAD LINES (TYP)
NOTE: ADDITIONAL CLEARING REQUIRED FOR GUYING.

LAKEVILLE SHORES, INC.
T8_R3_WELS011

MICROWAVE

PLAN CE314A

MATCHLINE – CE314A

MATCHLINE – CE315A

OVERHEAD COLLECTION (TYP)

EXISTING ROAD TO BE USED AND MAINTAINED

PROPOSED TREE CLEARING 10' OFFSET FROM CENTERLINE OF OVERHEAD LINES (TYP)
NOTE: ADDITIONAL CLEARING REQUIRED FOR GUYING.

LAKEVILLE SHORES, INC.
T8_R3_WELS011

AROOSTOOK TIMBERLANDS, LLC
TC_R2_WELS011

REFER TO H105 FOR PLAN & PROFILE & H203A FOR EROSION CONTROL PLAN

REFER TO H104 FOR PLAN & PROFILE & H202B FOR EROSION CONTROL PLAN

JUNCTION BOX

MICROWAVE

PLAN CE314B

300 FEET 0 300 600 900

Scale: 1"=300'

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commercial Street, Suite 23, Portland, ME 04101
Phone (207) 774-2112

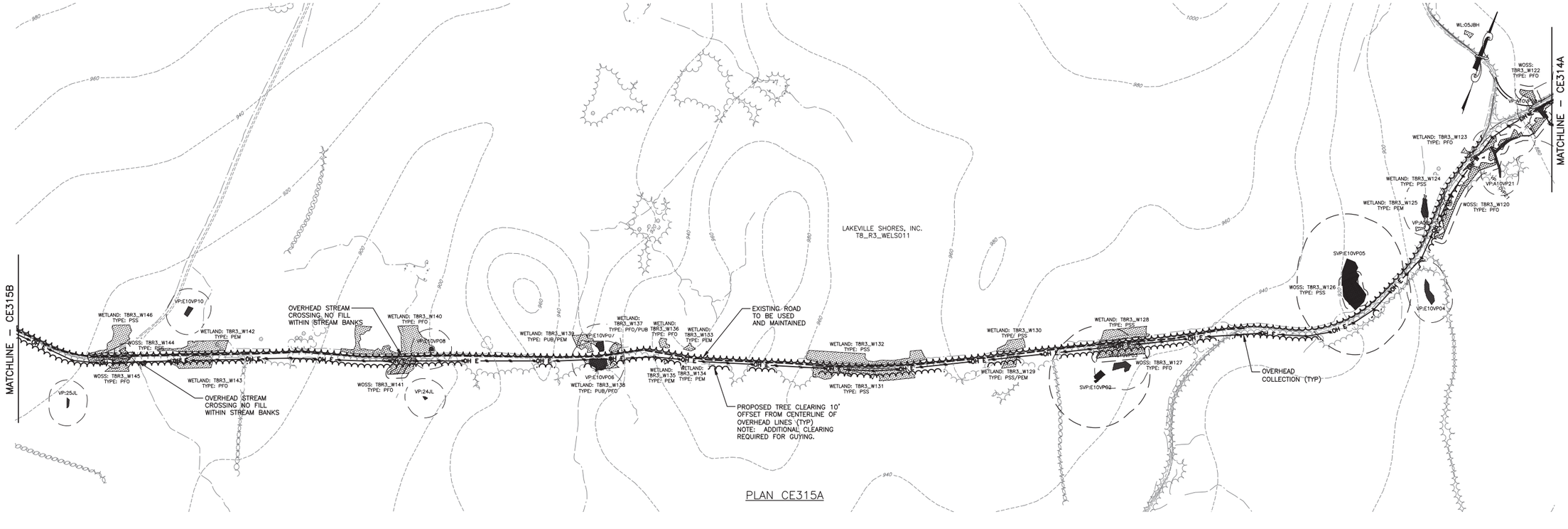
NUMBER NINE WIND FARM*

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE314

SHEET 293 OF 338



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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
BK
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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135 Commercial Street, Suite 320 Portland, ME 04101 Phone: (207) 774-2112 Fax: (207) 774-2123

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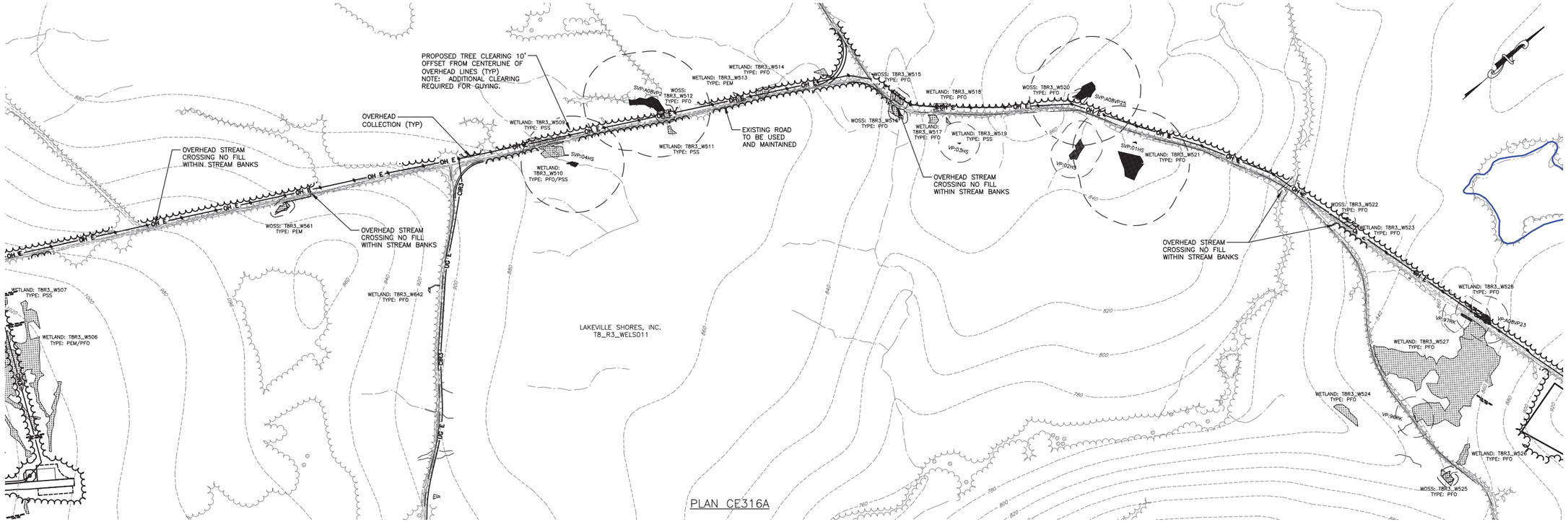
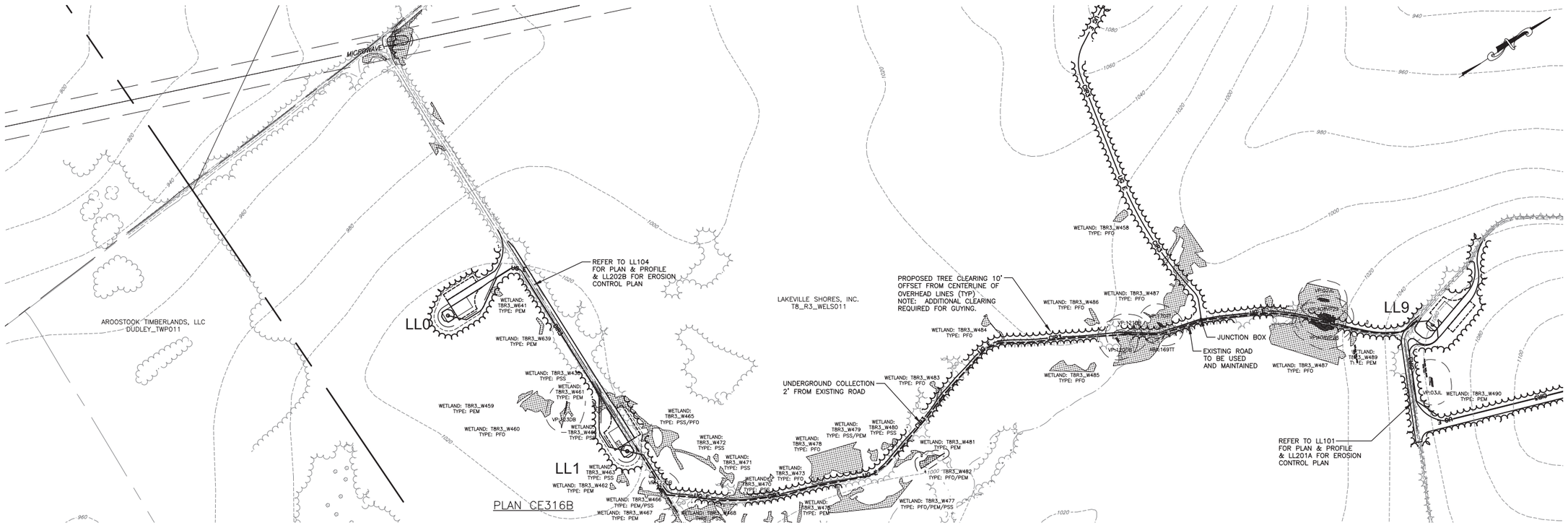
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE315





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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
BK

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AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street, Suite 203 Rochester, NY 14607
Phone: (585) 334-3320

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE316

SHEET 295 OF 338

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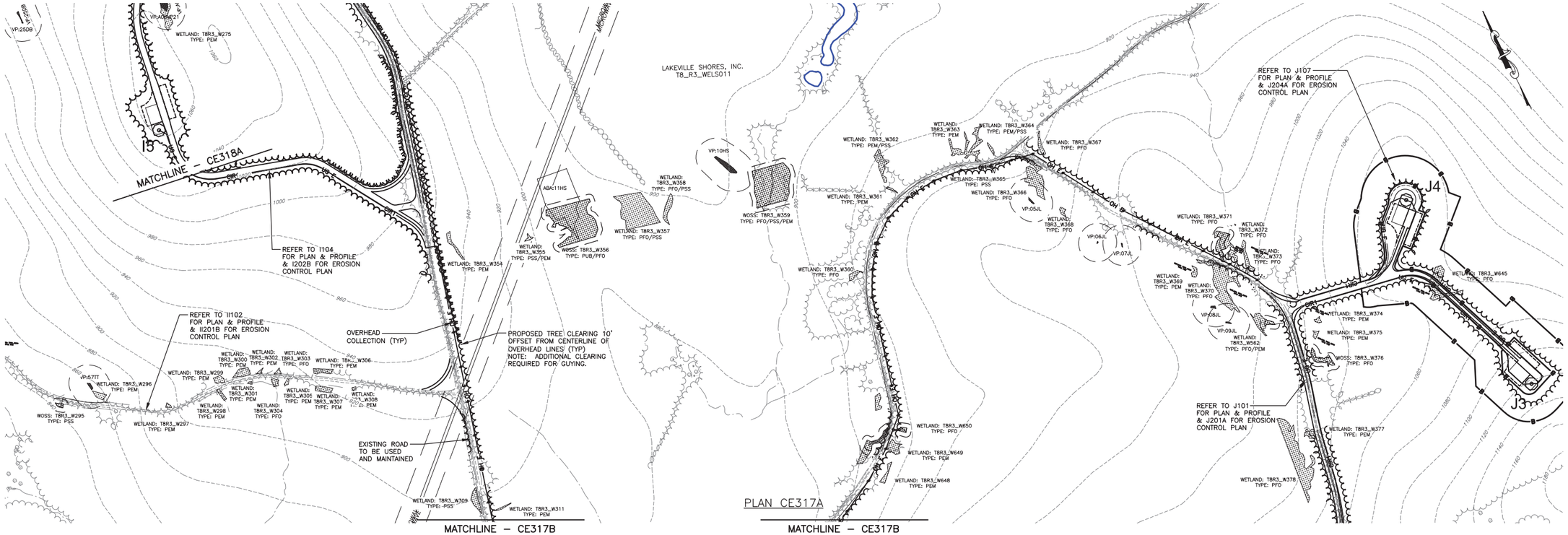

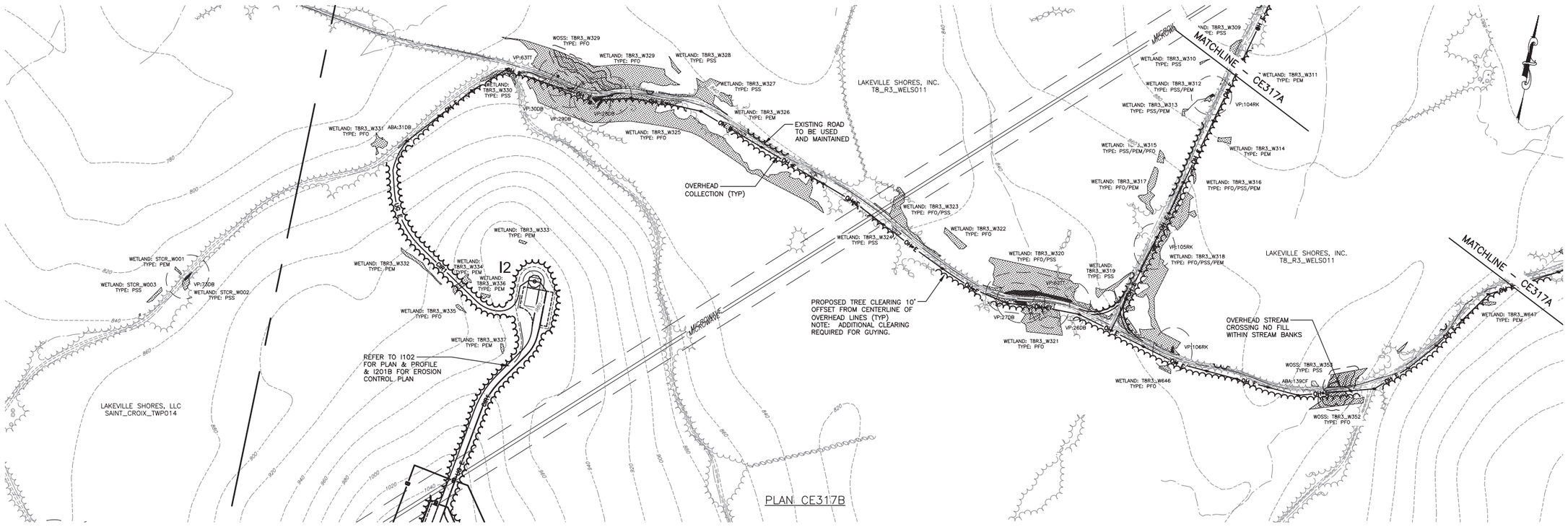

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
BK
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

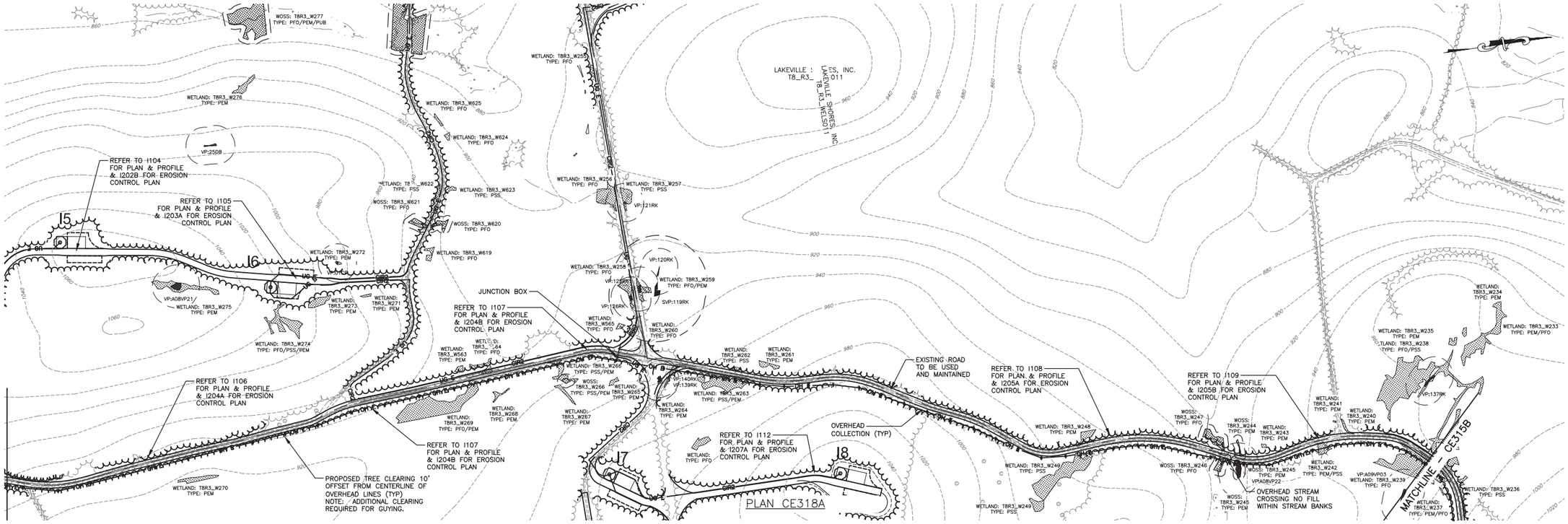
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commerce Way, Suite 210, Portland, ME 04103
Phone: (207) 774-2112

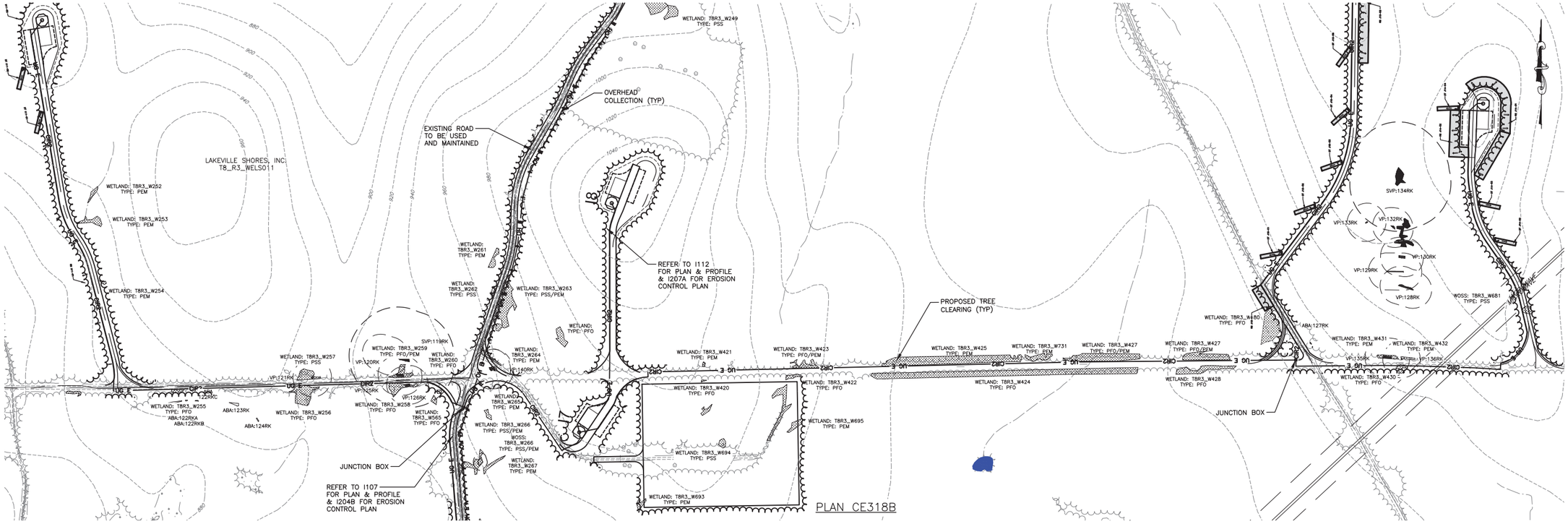
NUMBER NINE WIND FARM®

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE317





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DATE/TIME: 7/9/2015 6:54:42 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
BK

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Corporate Drive, Binghamton, NY 13904
Phone: (607) 724-2272

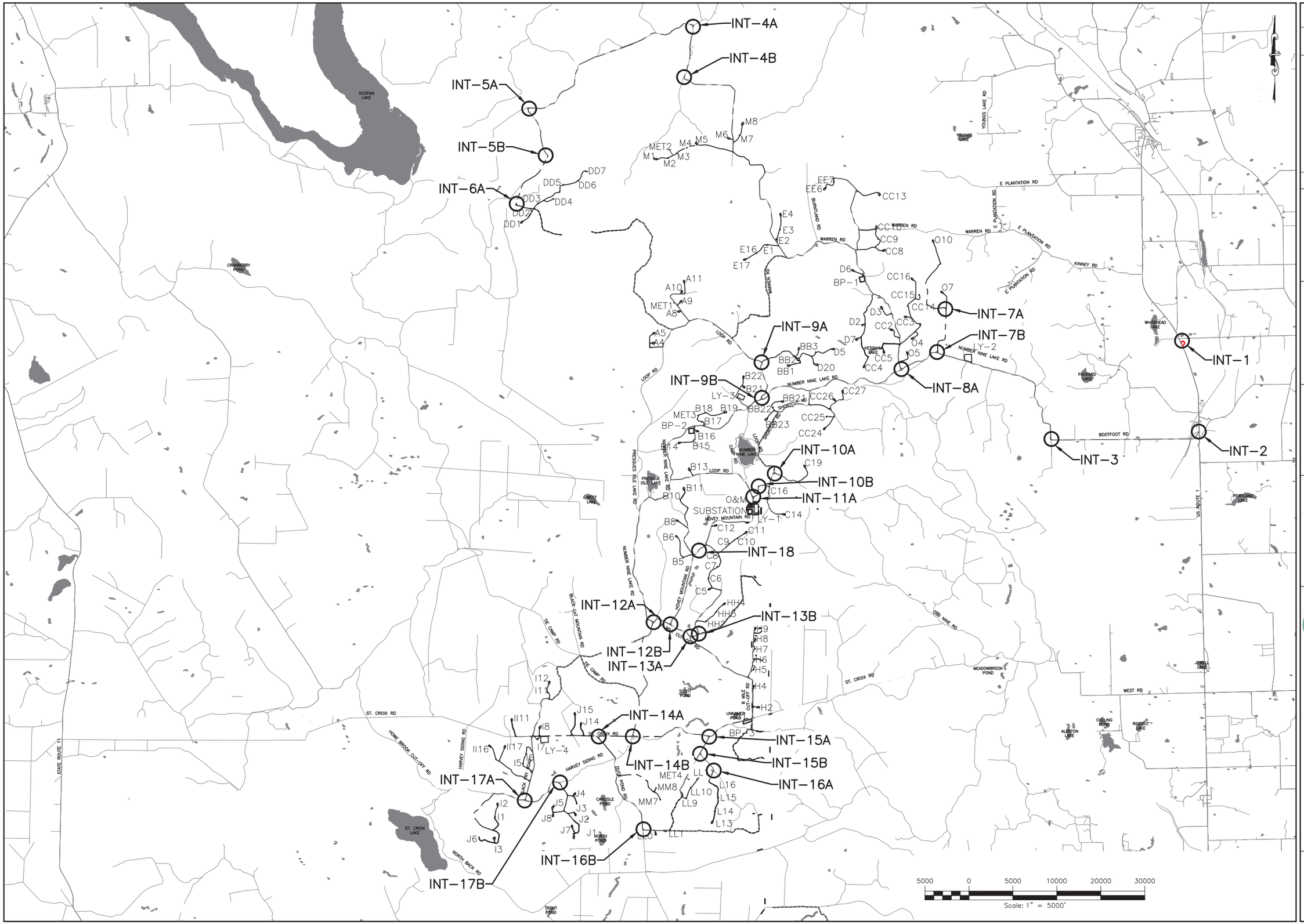
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
COLLECTION LINE PLAN

DRAWING NO.
CE318

SHEET 297 OF 338



REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
100 Commercial Street, Suite 304, Portland, Maine 04101-4603
Phone: 207-774-2112 Fax: 207-774-3823

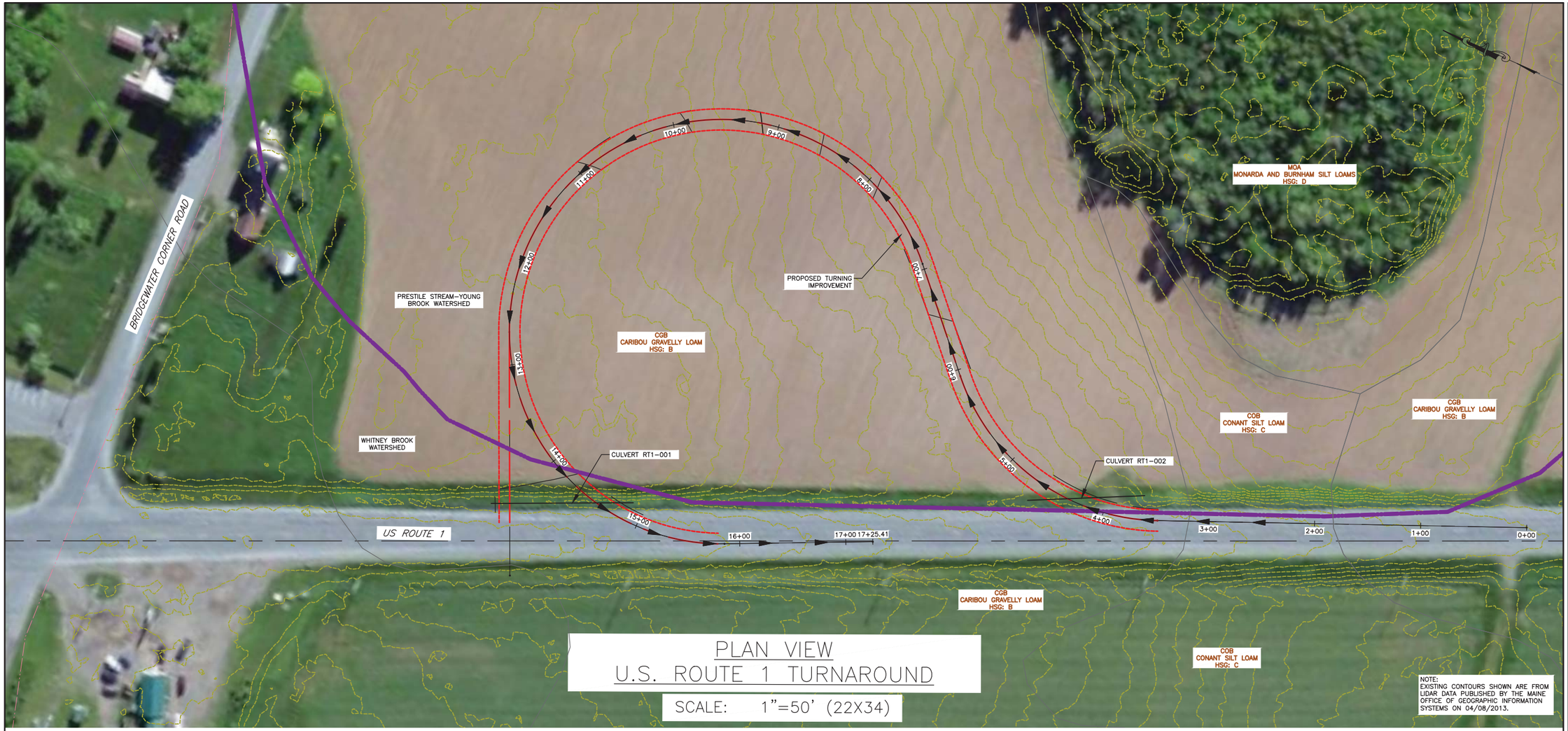
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
INTERSECTION INDEX PLAN

DRAWING NO.
INT-0

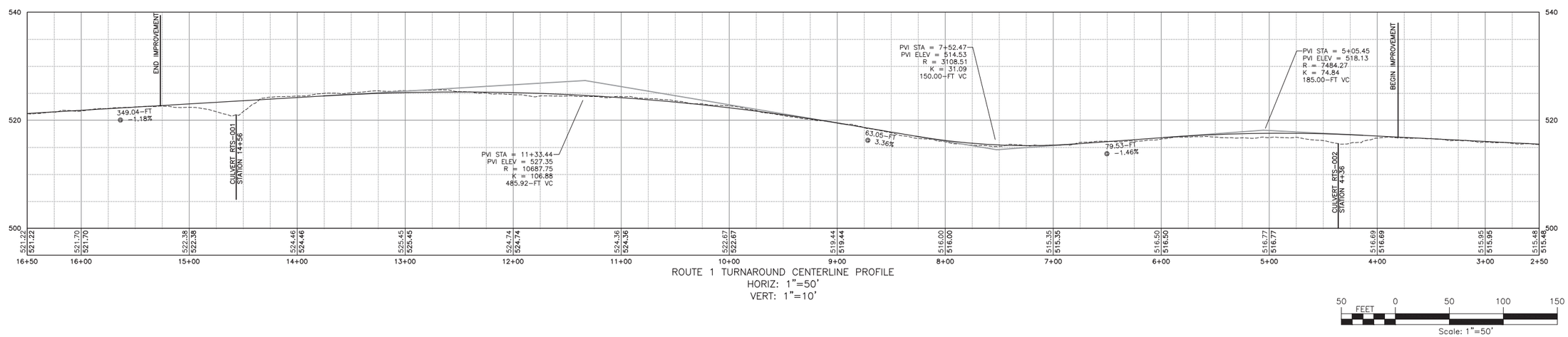
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int_index plan.dwg
DATE/TIME: 7/8/2015 5:05:38 PM
USER: Steven Mellott



PLAN VIEW
U.S. ROUTE 1 TURNAROUND

SCALE: 1"=50' (22X34)

NOTE:
EXISTING CONTOURS SHOWN ARE FROM LIDAR DATA PUBLISHED BY THE MAINE OFFICE OF GEOGRAPHIC INFORMATION SYSTEMS ON 04/08/2013.



ROUTE 1 TURNAROUND CENTERLINE PROFILE
HORIZ: 1"=50'
VERT: 1"=10'

50 0 50 100 150
FEET
Scale: 1"=50'

FILE NAME: H:\Projects\140009–Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 22 intersection.dwg
DATE/TIME: 7/8/2015 5:09:06 PM
USER: Steven Mellott

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140009

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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Corinth Road, Bangor, ME 04401
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
ROUTE 1 TURNAROUND IMPROVEMENTS

DRAWING NO.
INT-1

PLAN VIEW
BOOTFOOT ROAD & U.S. ROUTE 1
SCALE: 1"=50' (22X34)

NOTE:
EXISTING CONTOURS SHOWN ARE FROM LIDAR DATA PUBLISHED BY THE MAINE OFFICE OF GEOGRAPHIC INFORMATION SYSTEMS ON 04/08/2013.

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY
DP/BA

SCALE
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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
101 Main Street, Suite 1 Lincoln, Maine 04457
Phone: 207-794-3331 Fax: 207-794-3423

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

DRAWING NO.
INT-2

SHEET 300 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 2 intersection.dwg
DATE/TIME: 7/8/2015 5:10:59 PM
USER: Steven Mellott

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 3 intersection.dwg
DATE/TIME: 7/9/2015 7:19:56 AM
USER: Steven Mellott

PLAN VIEW 3A
BOOTFOOT ROAD & NUMBER NINE LAKE ROAD
SCALE: 1"=100' (22X34)

NOTE: EXISTING CONTOURS SHOWN ARE FROM LIDAR DATA PUBLISHED BY THE MAINE OFFICE OF GEOGRAPHIC SYSTEMS ON 04/08/2013.

100 FEET 0 100 200 300
Scale: 1"=100'

DRAWING NO.	PROJECT		
INT-3	NUMBER NINE WIND FARM AROOSTOOK COUNTY, MAINE PRELIMINARY PLANS NOT FOR CONSTRUCTION	NUMBER NINE WIND FARM®	FISHER ASSOCIATES WWW.FISHERASSOC.COM 135 Calkins Road, Rochester, NY 14623 Phone: 585-334-1310
	TITLE OF DRAWING INTERSECTION IMPROVEMENTS		

SHEET 301 OF 338

FA PROJECT NO. 140009
PROJECT MANAGER S. MELLOTT
DRAWN BY DP/BA
SCALE AS SHOWN
ISSUE DATE JULY 2015

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REV	DESCRIPTION	DATE	BY
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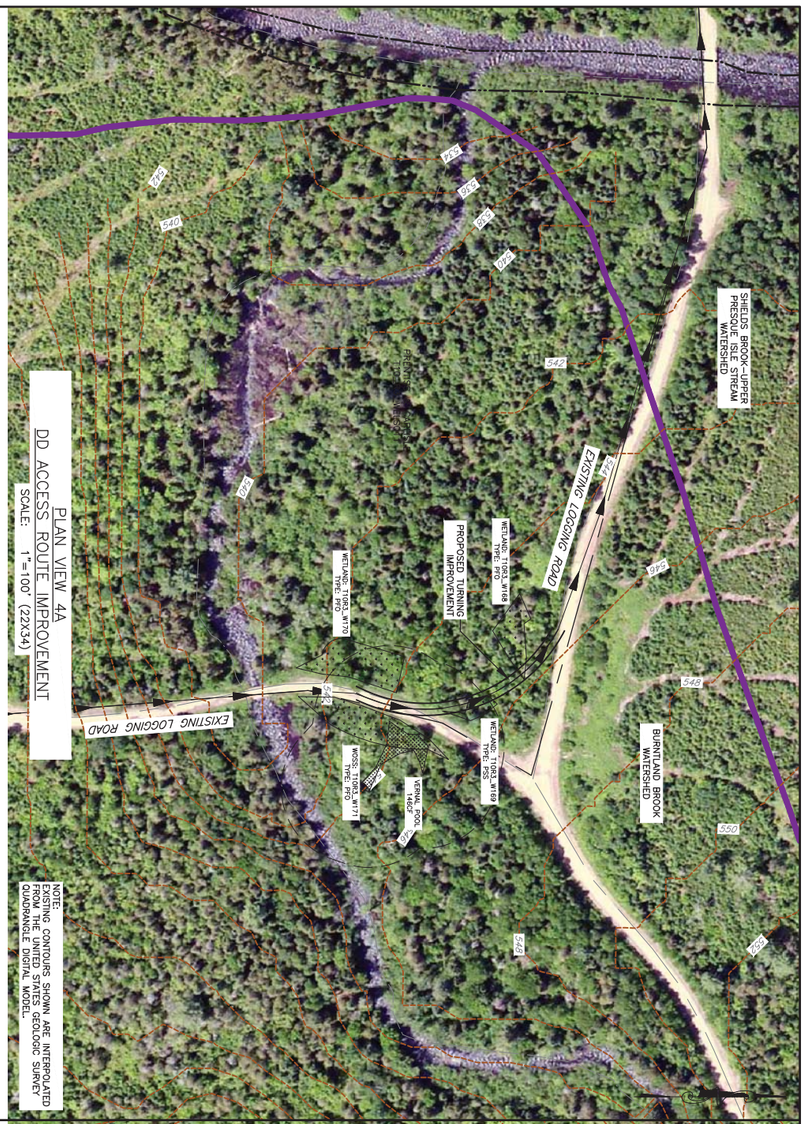
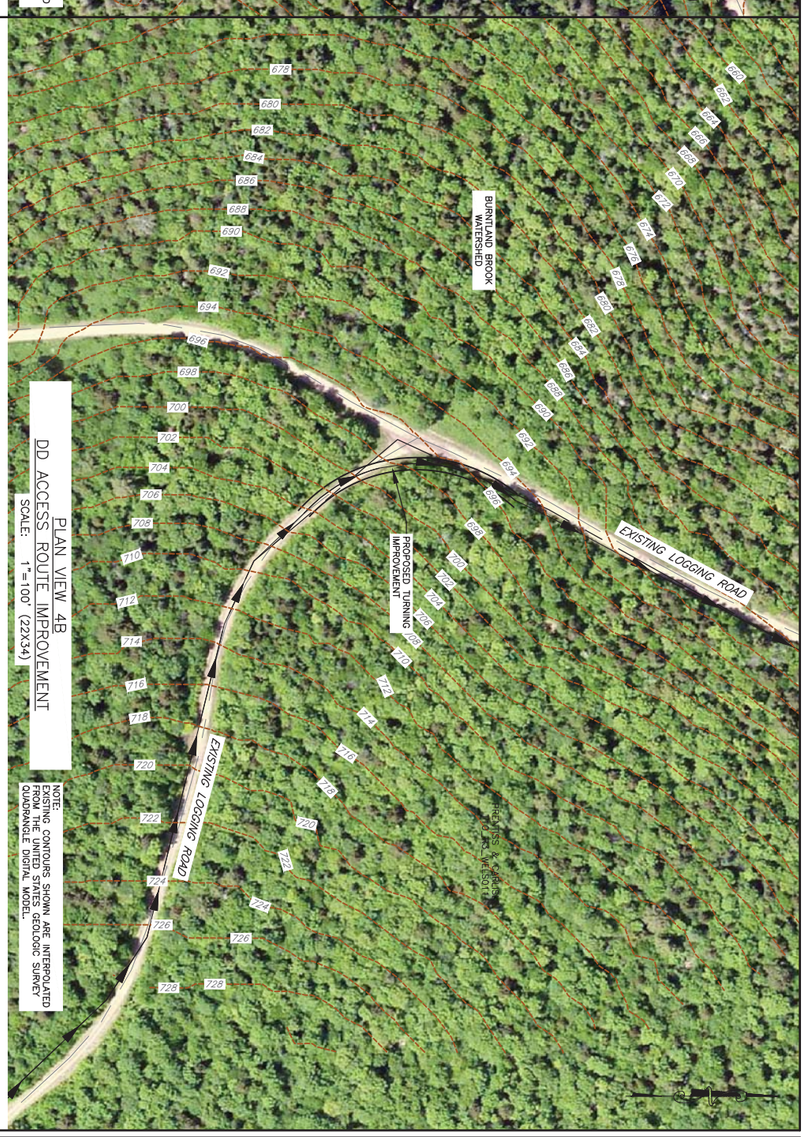
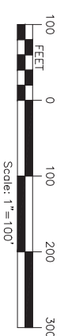
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 7 intersection.dwg
DATE/TIME: 7/9/2015 7:22:02 AM
USER: Steven Mellott







DRAWING NO.
INT-4

SHEET 302 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM®

TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

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135 Calkins Road, Rochester, NY 14623
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FA PROJECT NO.
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REV	DESCRIPTION	DATE	BY
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PLAN VIEW 5A
DD ACCESS ROUTE IMPROVEMENT
SCALE: 1"=100' (22X34)

NOTE:
EXISTING CONTOURS SHOWN ARE INTERPOLATED FROM THE UNITED STATES GEOLOGIC SURVEY QUADRANGLE DIGITAL ELEVATION MODEL.

PLAN VIEW 5B
DD ACCESS ROUTE IMPROVEMENT
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

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DATE/TIME: 7/8/2015 5:18:57 PM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

DRAWING NO.
INT-5

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 9 intersection.dwg
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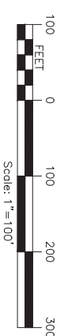

INT-6

DRAWING NO.

SHEET 304 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM

TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

FISHER ASSOCIATES
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135 Calkins Road, Rochester, NY 14623
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FA PROJECT NO.
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REV	DESCRIPTION	DATE	BY
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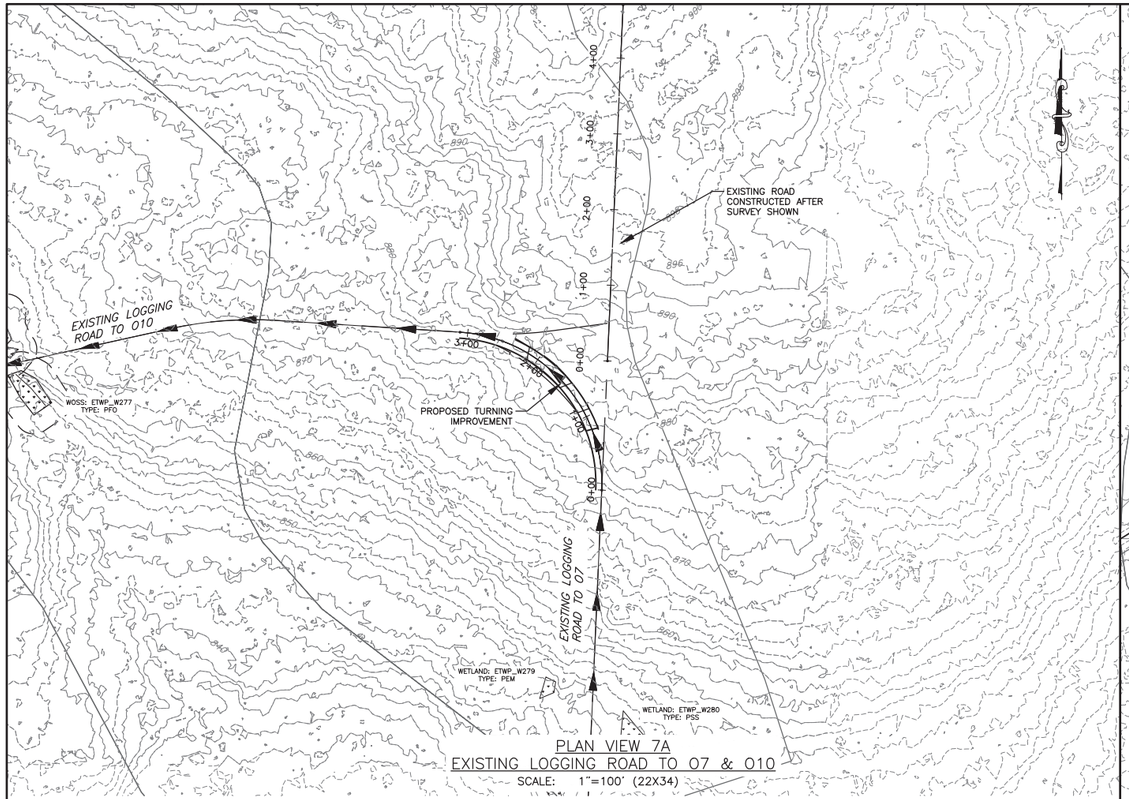
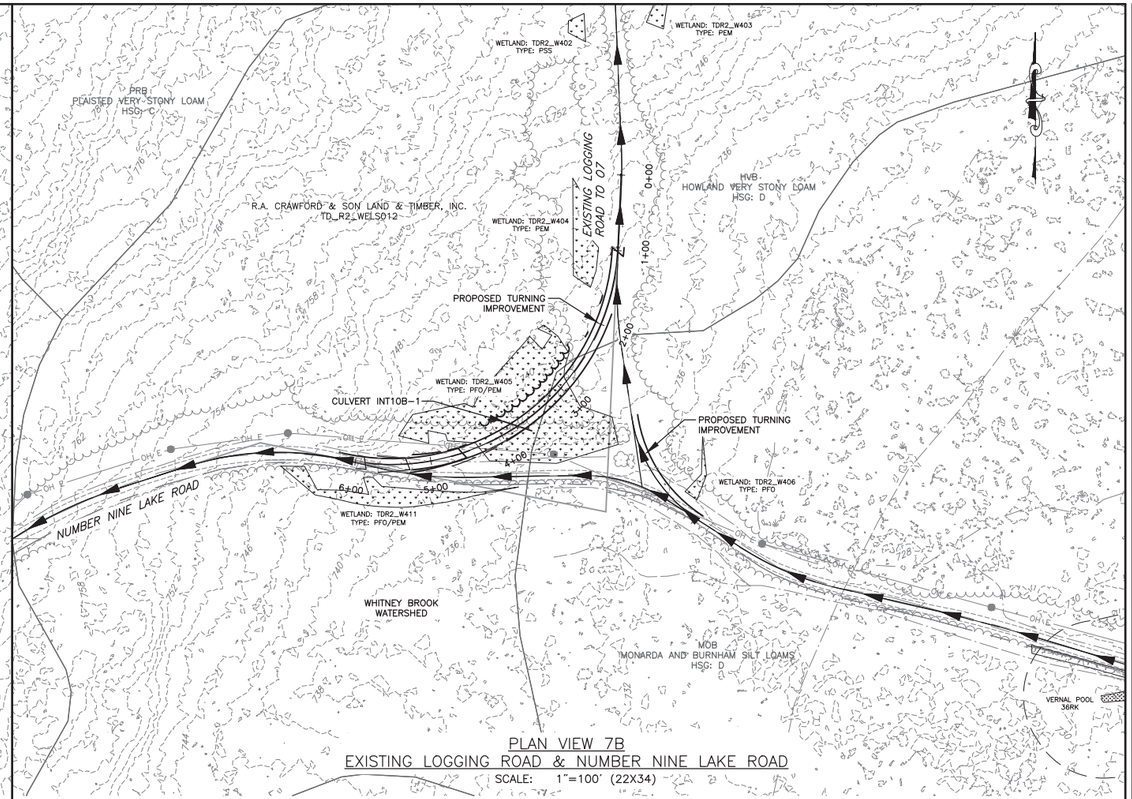
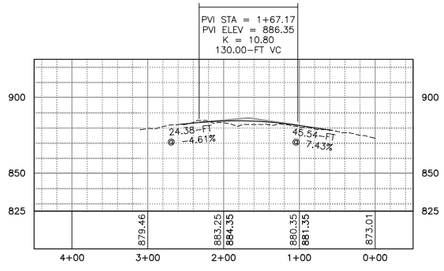


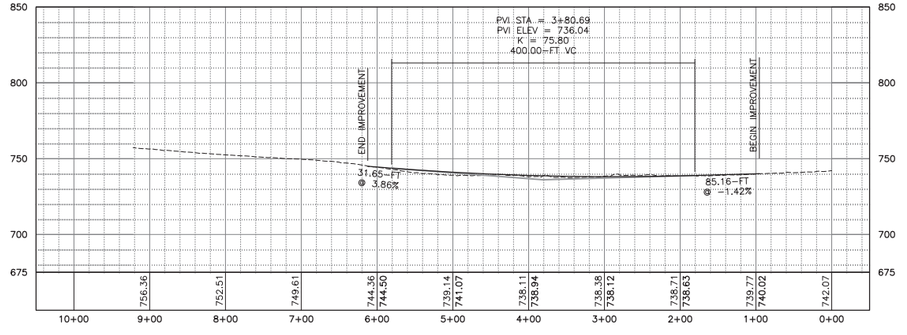
PLAN VIEW 7A
EXISTING LOGGING ROAD TO 07 & 010
SCALE: 1"=100' (22X34)



PLAN VIEW 7B
EXISTING LOGGING ROAD & NUMBER NINE LAKE ROAD
SCALE: 1"=100' (22X34)



EXISTING LOGGING ROAD
TO 07 PROFILE
0+57 – 2+57
HORIZ: 1"=100'
VERT: 1"=50'



EXISTING ROAD – NUMBER
NINE LAKE ROAD PROFILE
0+30 – 3+77
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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DP/BA
SCALE
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JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Center Road, Bangor, ME 04401
Phone: 207-942-3333

NUMBER NINE WIND FARM®

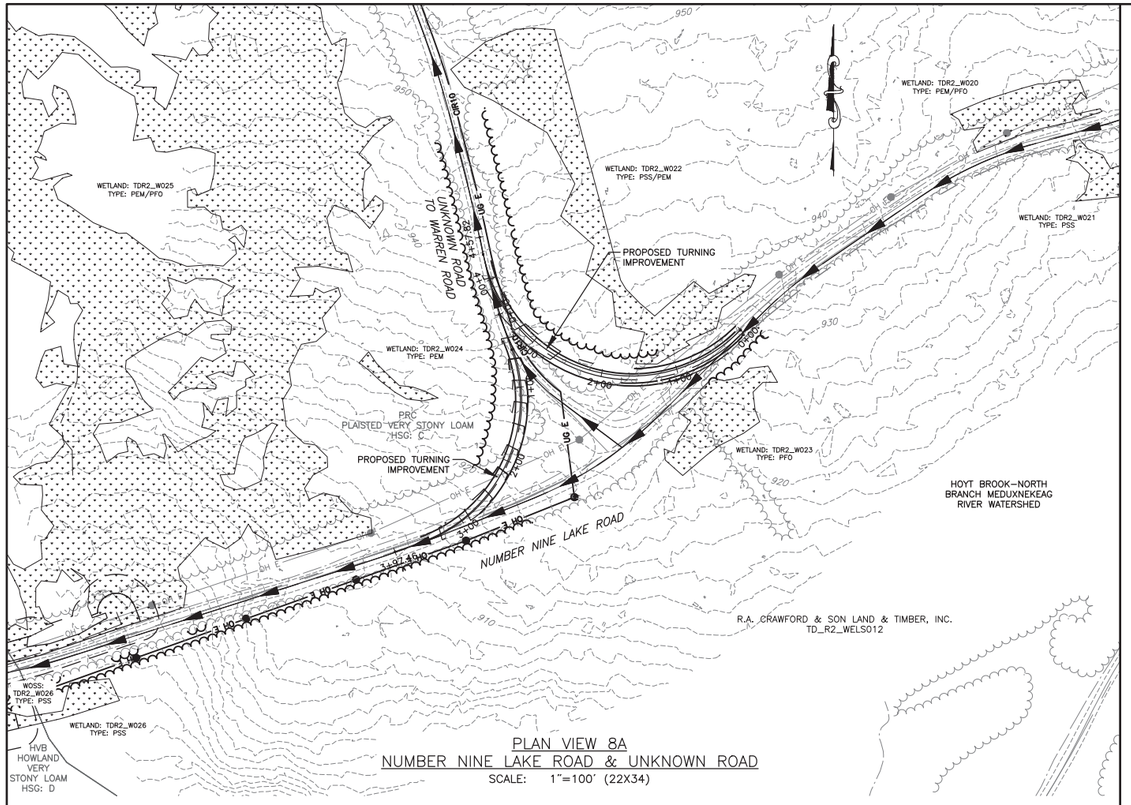
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

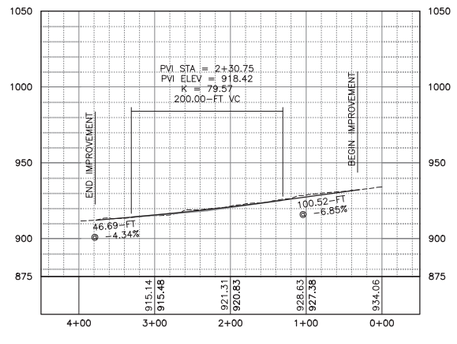
DRAWING NO.
INT-7

SHEET 305 OF 338

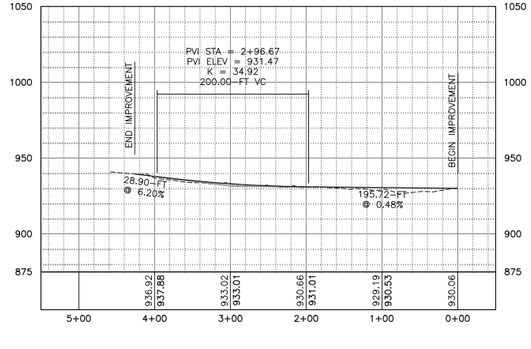
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 10 intersection.dwg
DATE/TIME: 7/9/2015 7:23:34 AM
USER: Steven Mellott



PLAN VIEW 8A
NUMBER NINE LAKE ROAD & UNKNOWN ROAD
SCALE: 1"=100' (22X34)



UNKNOWN ROAD – NUMBER NINE LAKE ROAD PROFILE
0+75 – 4+20
HORIZ: 1"=100'
VERT: 1"=50'



NUMBER NINE LAKE ROAD – UNKNOWN ROAD PROFILE
0+00 – 4+25
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 11 intersection.dwg
DATE/TIME: 7/8/2015 5:23:35 PM
USER: Steven Mellott

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140009
PROJECT MANAGER
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DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street, Ellsworth, ME 04605
Phone: 667-664-3324

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

DRAWING NO.
INT-8

PLAN VIEW 9A
LOOP ROAD & ROAD
SCALE: 1"=100' (22X34)

PLAN VIEW 9B
NUMBER NINE ROAD & LOOP ROAD
SCALE: 1"=100' (22X34)

LOOP ROAD – ROAD PROFILE
2+00 – 4+45
HORIZ: 1"=100'
VERT: 1"=50'

LOOP ROAD – NUMBER NINE ROAD PROFILE
0+00 – 2+30
HORIZ: 1"=100'
VERT: 1"=50'

NUMBER NINE ROAD – LOOP ROAD PROFILE
0+00 – 4+95
HORIZ: 1"=100'
VERT: 1"=50'

Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
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ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commerce Way, Suite 102, Portland, ME 04103
Phone: 207.774.2112

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

DRAWING NO.
INT-9

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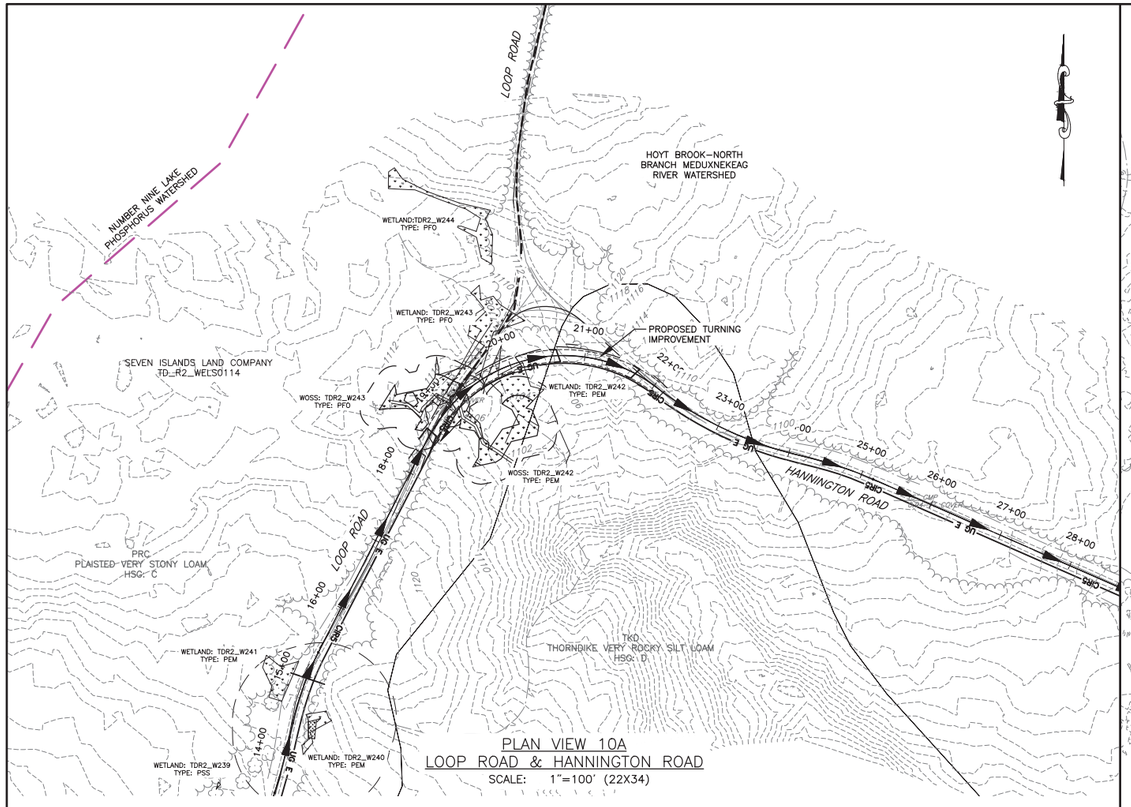
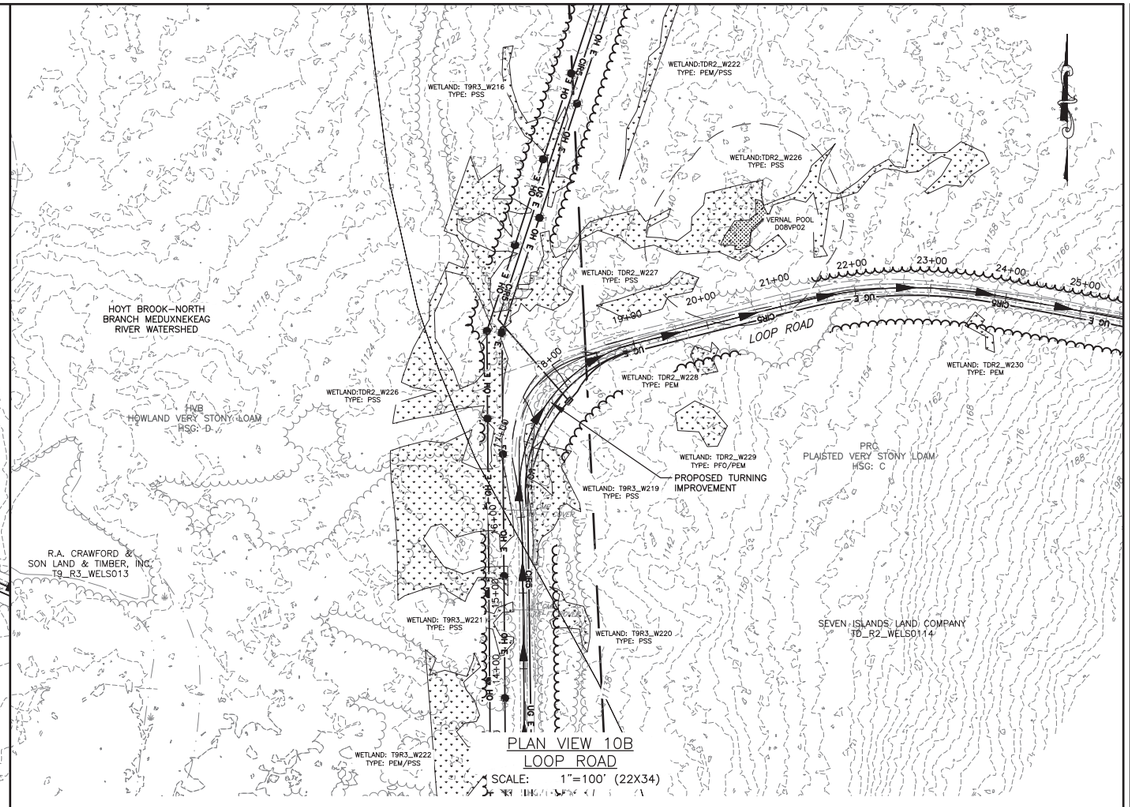
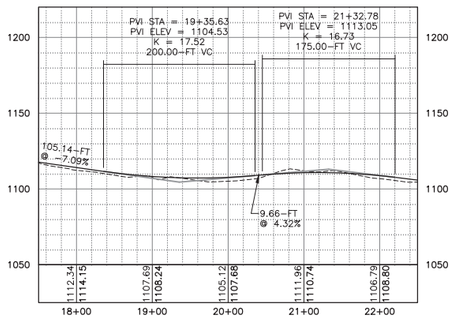
DATE/TIME: 7/8/2015 5:26:16 PM
USER: Steven Mellott



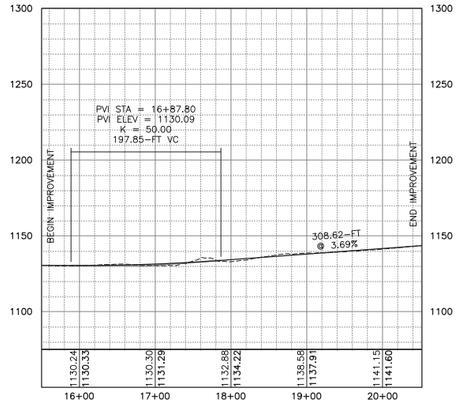
PLAN VIEW 10A
LOOP ROAD & HANNINGTON ROAD
SCALE: 1"=100' (22X34)



PLAN VIEW 10B
LOOP ROAD
SCALE: 1"=100' (22X34)



LOOP ROAD – HANNINGTON ROAD
18+00 – 22+00
HORIZ: 1"=100'
VERT: 1"=50'



AR–1 ACCESS ROAD PROFILE
15+50 – 20+50
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
6			
5			
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1			

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM

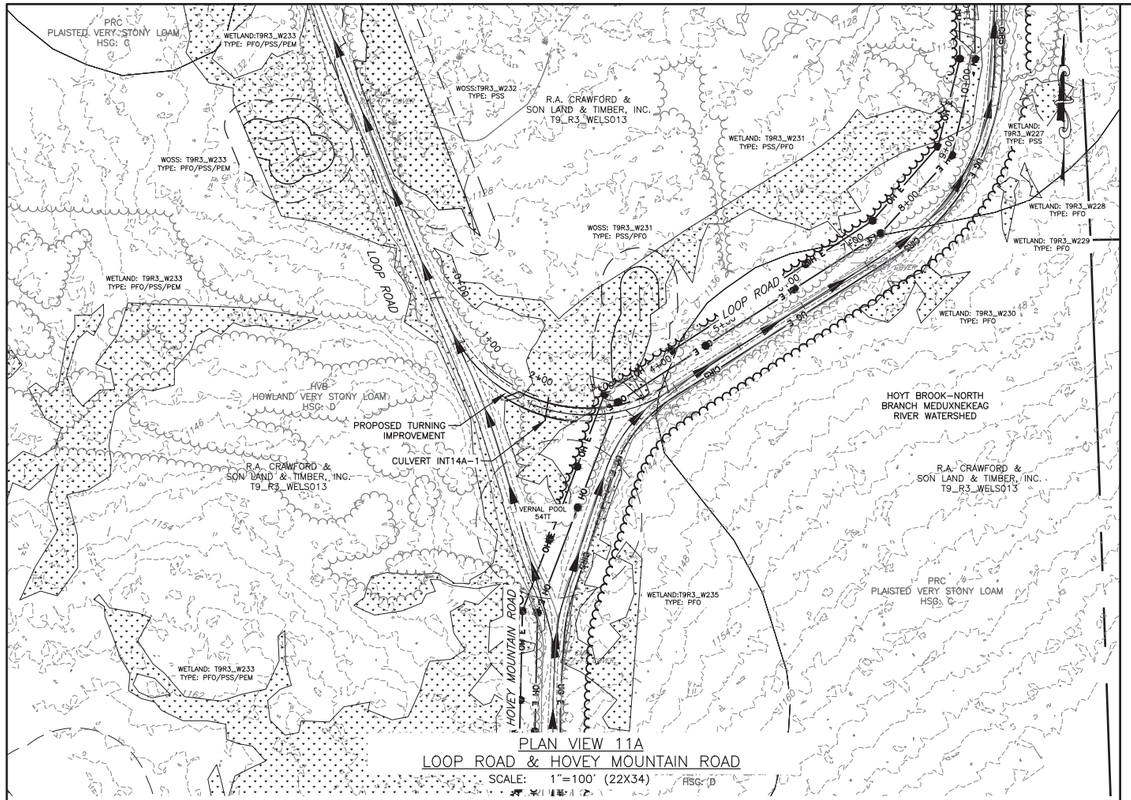
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

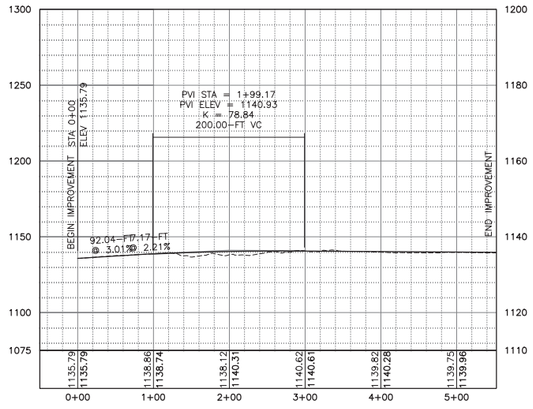
DRAWING NO.
INT-10

SHEET 308 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 13 intersection.dwg
DATE/TIME: 7/8/2015 5:28:30 PM
USER: Steven Mellott



PLAN VIEW 11A
LOOP ROAD & HOVEY MOUNTAIN ROAD
SCALE: 1"=100' (22X34)



AR-1 ACCESS ROAD PROFILE
0+00 – 5+50
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
1			
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6			
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PROJECT MANAGER
S. MELLOTT
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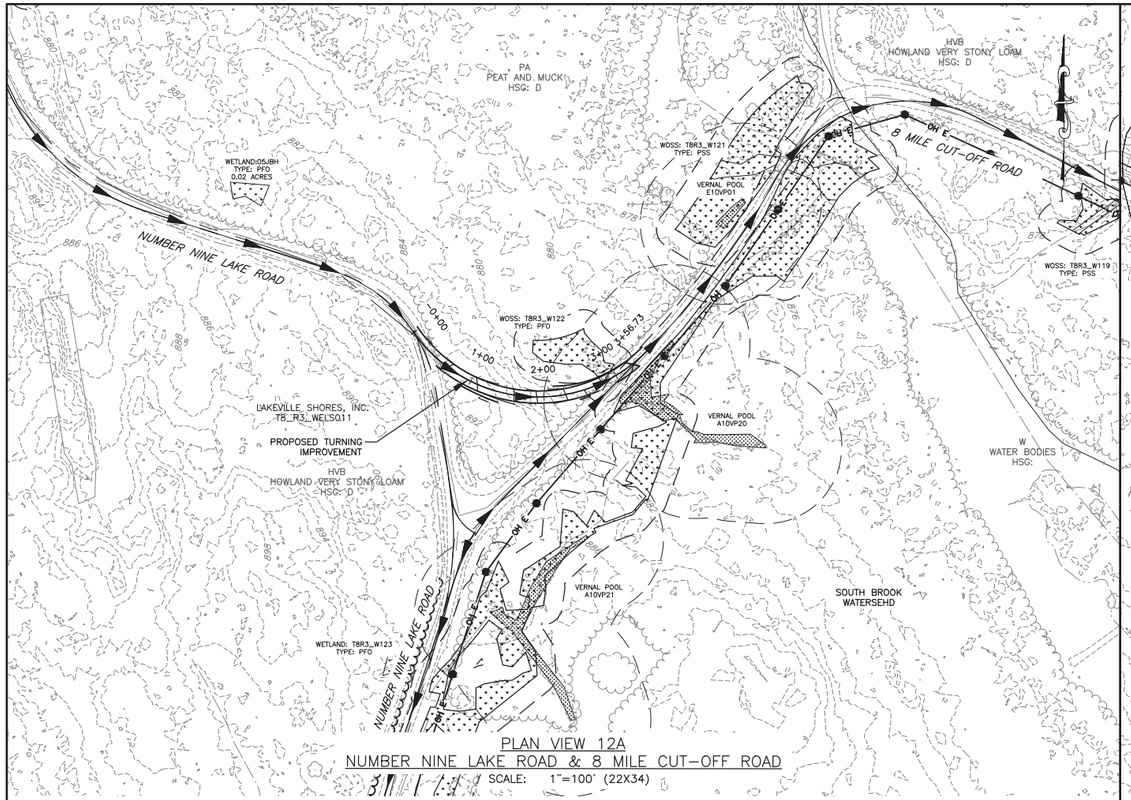
PRELIMINARY PLANS NOT FOR CONSTRUCTION

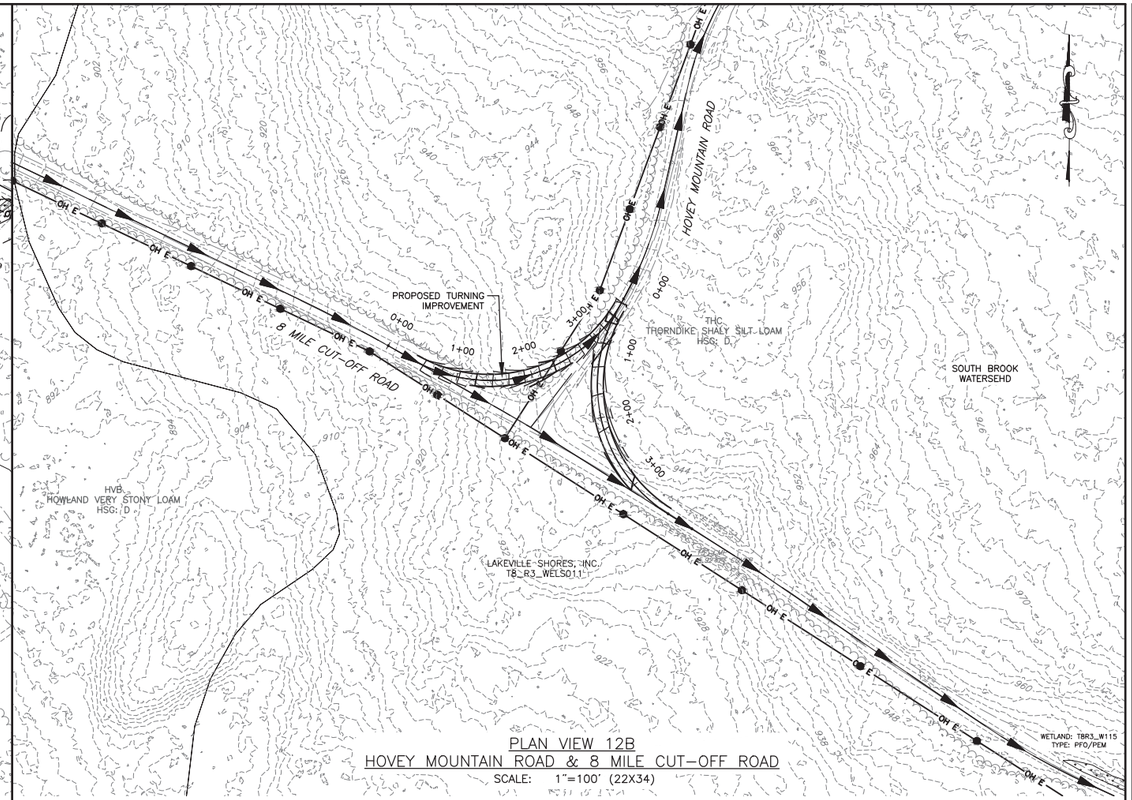
TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

DRAWING NO.
INT-11

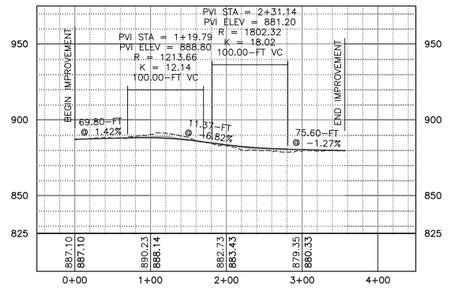
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 14 intersection.dwg
DATE/TIME: 7/8/2015 5:30:36 PM
USER: Steven Mellott



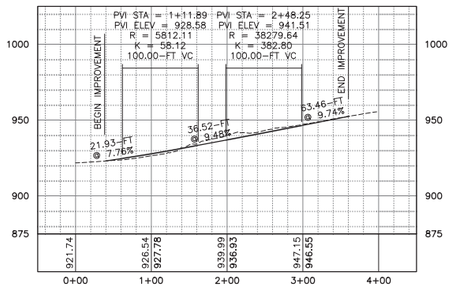
PLAN VIEW 12A
NUMBER NINE LAKE ROAD & 8 MILE CUT-OFF ROAD
SCALE: 1"=100' (22X34)



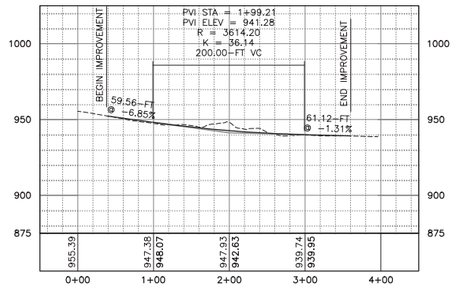
PLAN VIEW 12B
HOVEY MOUNTAIN ROAD & 8 MILE CUT-OFF ROAD
SCALE: 1"=100' (22X34)



NUMBER NINE LAKE ROAD – 8 MILE CUT-OFF ROAD PROFILE
0+00 – 3+56
HORIZ: 1"=100'
VERT: 1"=50'



8 MILE CUT-OFF ROAD – HOVEY MOUNTAIN ROAD PROFILE
0+40 – 3+60
HORIZ: 1"=100'
VERT: 1"=50'



HOVEY MOUNTAIN ROAD – 8 MILE CUT-OFF ROAD PROFILE
0+40 – 3+60
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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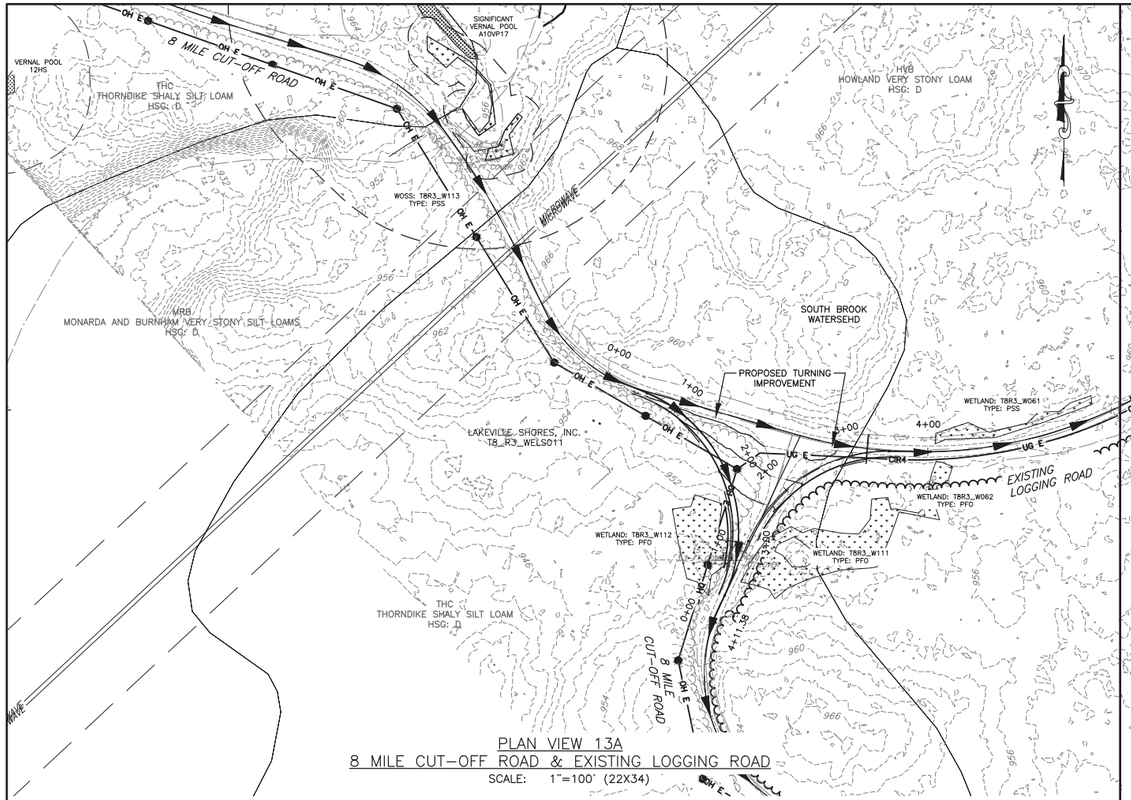
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

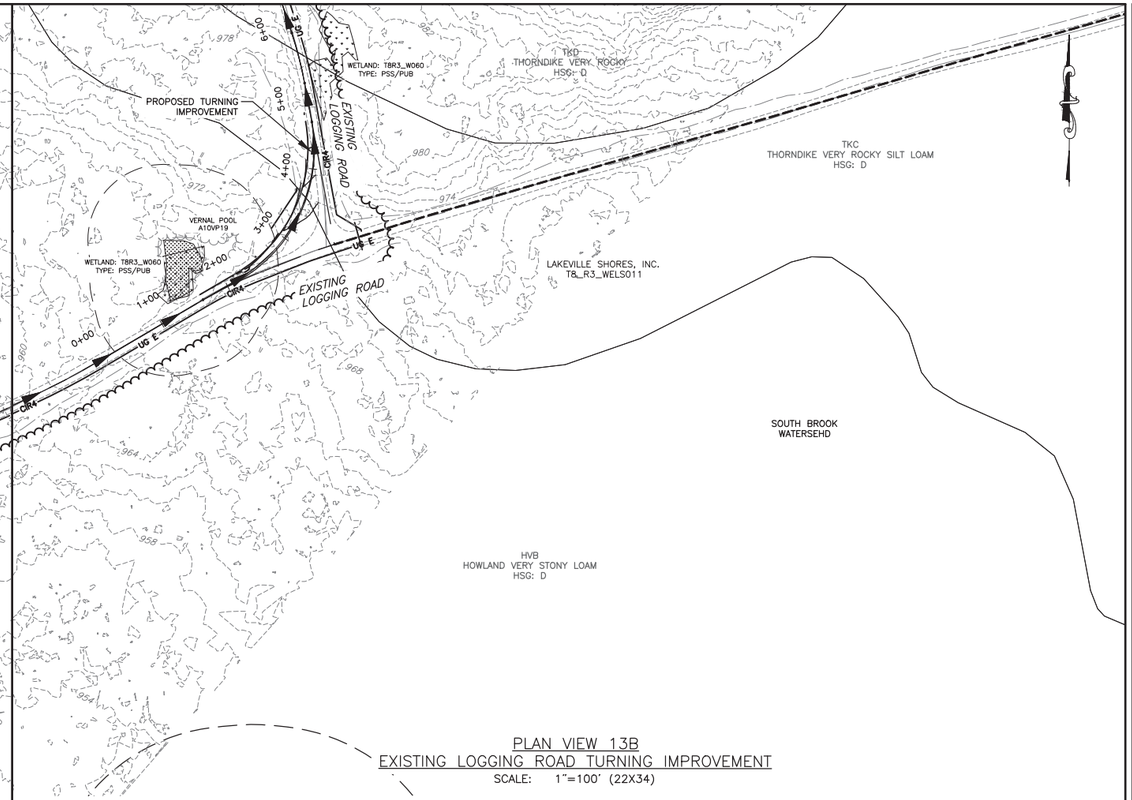
TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

DRAWING NO.
INT-12

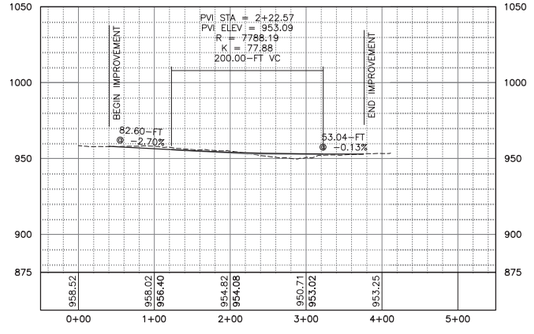
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 15_16 intersection.dwg
DATE/TIME: 7/8/2015 5:32:42 PM
USER: Steven Mellott



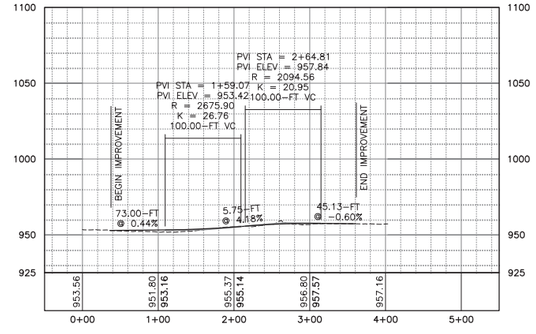
PLAN VIEW 13A
8 MILE CUT–OFF ROAD & EXISTING LOGGING ROAD
SCALE: 1"=100' (22X34)



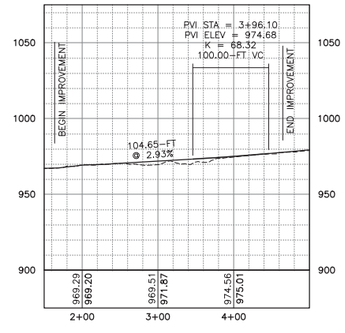
PLAN VIEW 13B
EXISTING LOGGING ROAD TURNING IMPROVEMENT
SCALE: 1"=100' (22X34)



8 MILE CUT–OFF ROAD – 8 MILE CUT–OFF ROAD PROFILE
0+40 – 3+75
HORIZ: 1"=100'
VERT: 1"=50'



8 MILE CUT–OFF ROAD – EXISTING LOGGING ROAD PROFILE
0+36 – 3+60
HORIZ: 1"=100'
VERT: 1"=50'



EXISTING LOGGING ROAD PROFILE
1+64 – 4+65
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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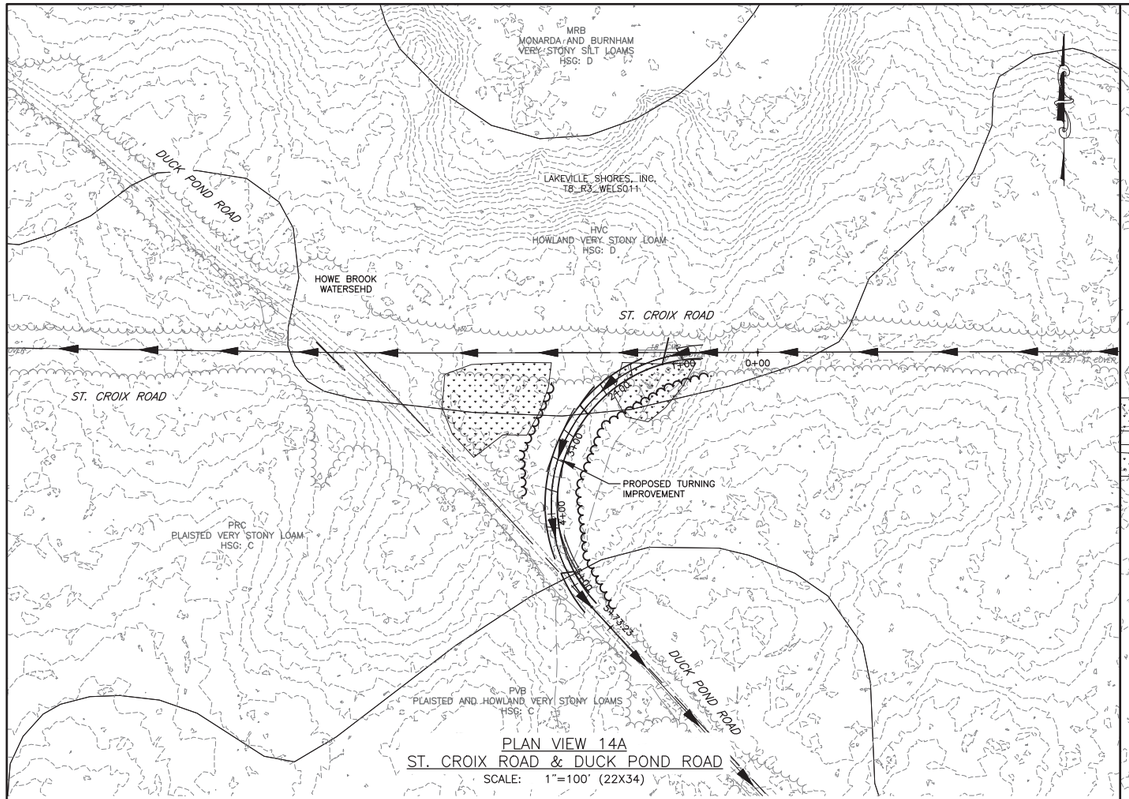
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

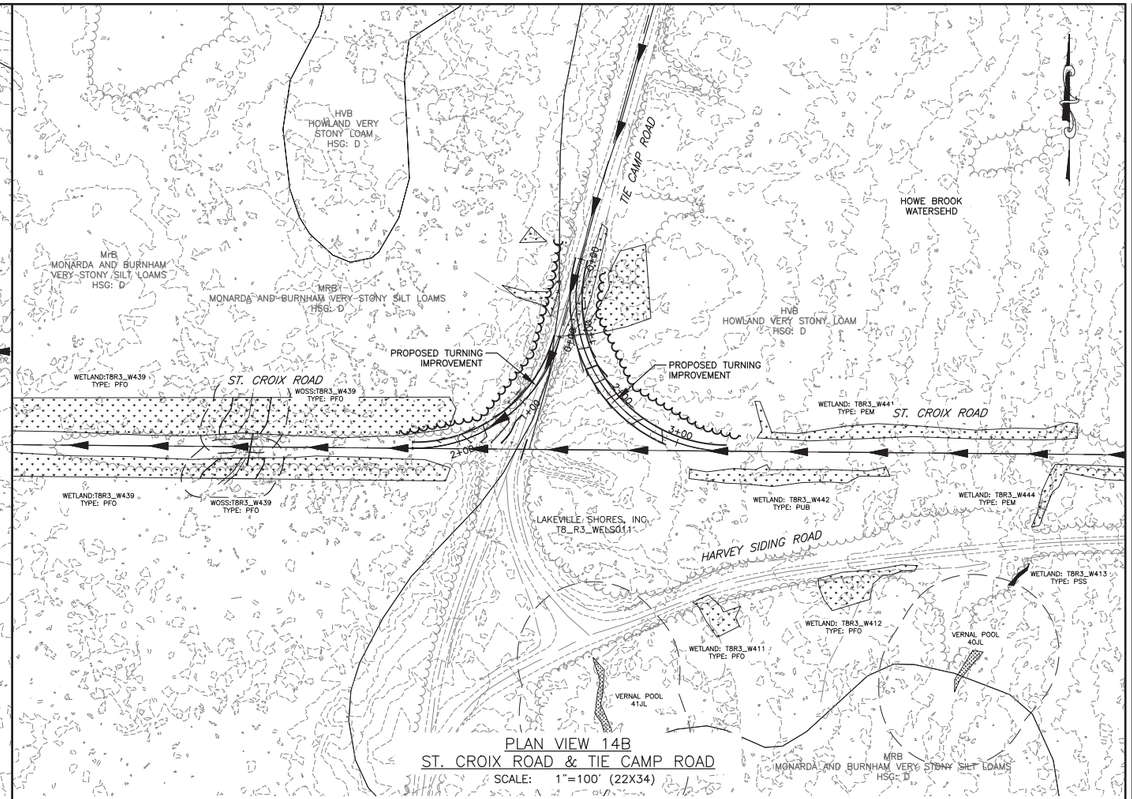
TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

DRAWING NO.
INT-13

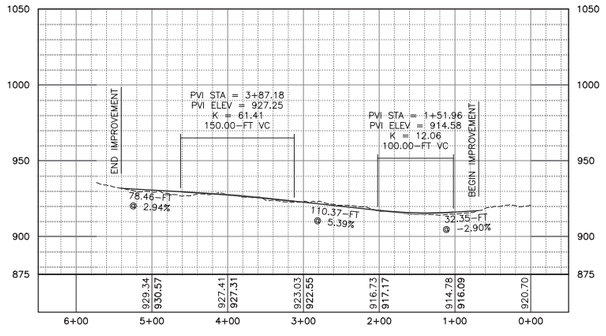
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 15_16 intersection.dwg
DATE/TIME: 7/8/2015 5:33:39 PM
USER: Steven Mellott



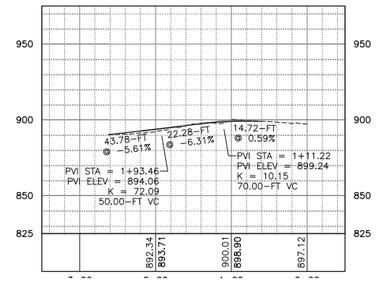
PLAN VIEW 14A
ST. CROIX ROAD & DUCK POND ROAD
SCALE: 1"=100' (22X34)



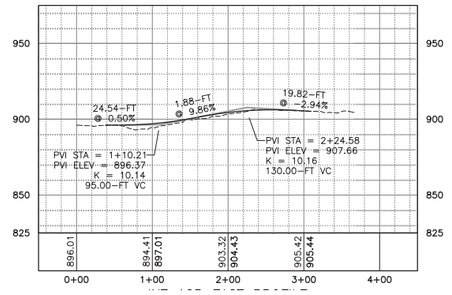
PLAN VIEW 14B
ST. CROIX ROAD & TIE CAMP ROAD
SCALE: 1"=100' (22X34)



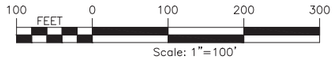
ST. CROIX – ROAD PROFILE
0+70 – 5+40
HORIZ: 1"=100'
VERT: 1"=50'



TIE CAMP ROAD – ST CROIX ROAD PROFILE (WEST)
0+62 – 2+62
HORIZ: 1"=100'
VERT: 1"=50'



TIE CAMP ROAD – ST CROIX ROAD PROFILE (EAST)
0+38 – 3+09
HORIZ: 1"=100'
VERT: 1"=50'



REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

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NUMBER NINE WIND FARM

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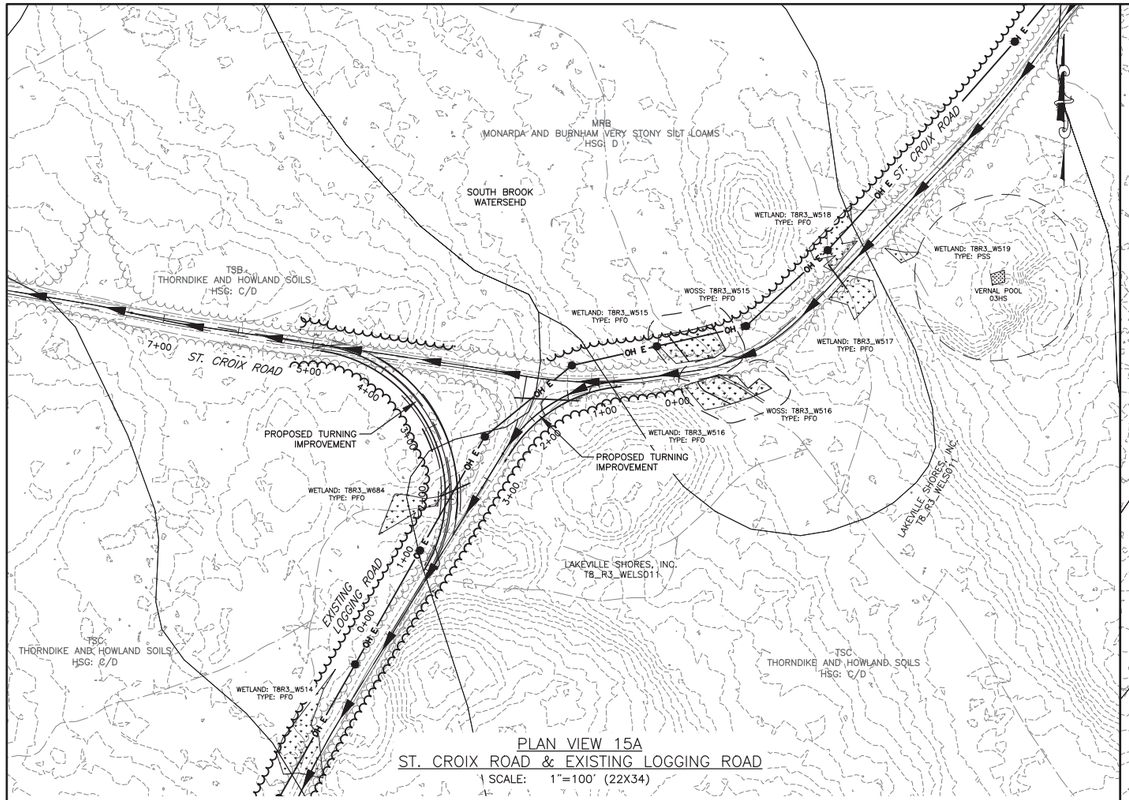
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

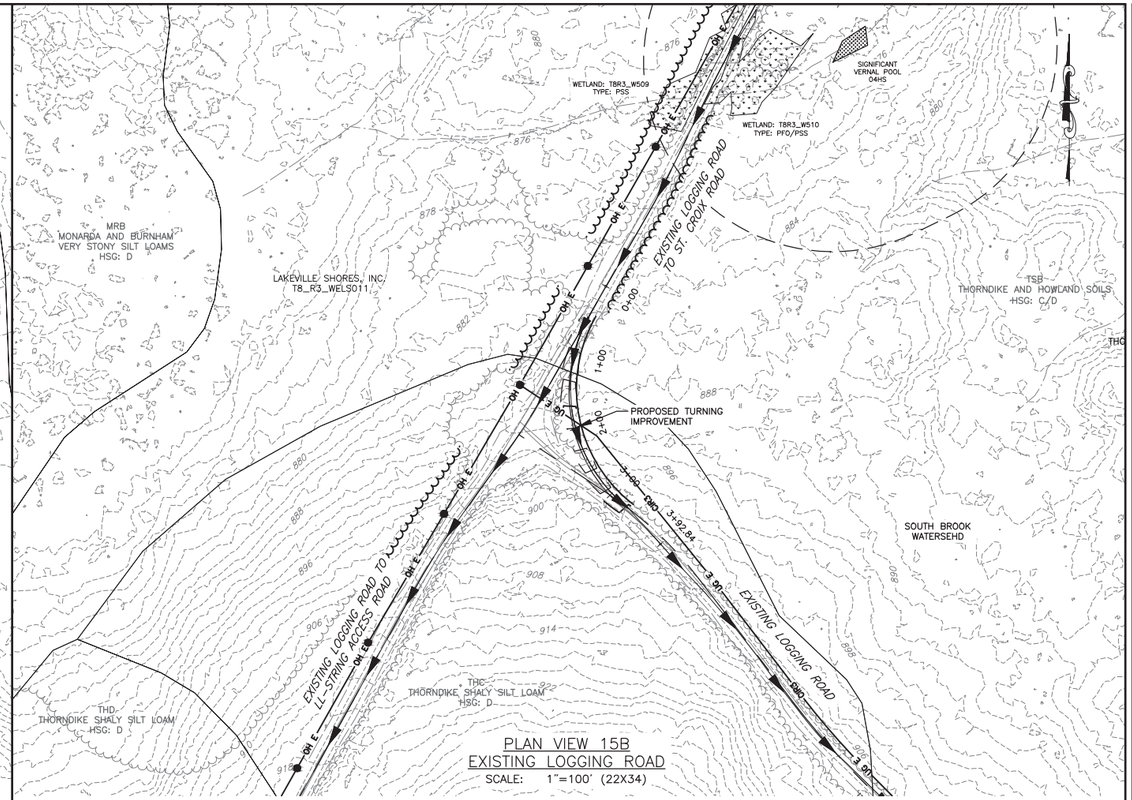
TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

DRAWING NO.
INT-14

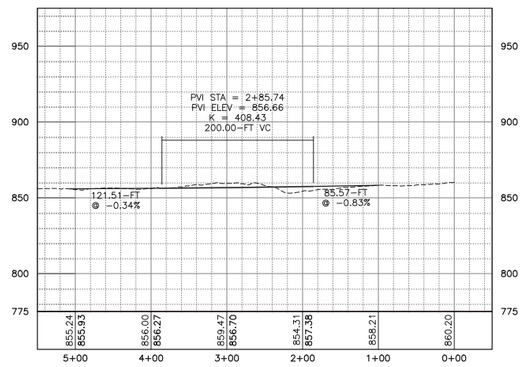
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 int 18 intersection.dwg
DATE/TIME: 7/8/2015 5:35:22 PM
USER: Steven Mellott



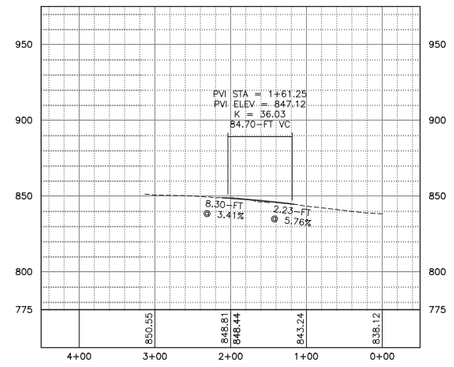
PLAN VIEW 15A
ST. CROIX ROAD & EXISTING LOGGING ROAD
SCALE: 1"=100' (22X34)



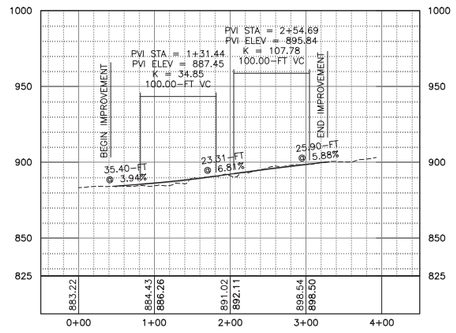
PLAN VIEW 15B
EXISTING LOGGING ROAD
SCALE: 1"=100' (22X34)



EXISTING LOGGING ROAD – ST CROIX ROAD PROFILE
1+00 – 5+07
HORIZ: 1"=100'
VERT: 1"=50'



ST CROIX ROAD – EXISTING LOGGING ROAD PROFILE
1+16 – 2+12
HORIZ: 1"=100'
VERT: 1"=50'



ROAD – ROAD PROFILE
0+45 – 3+30
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 19 intersection.dwg
DATE/TIME: 7/8/2015 5:38:05 PM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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ISSUE DATE
JULY 2015

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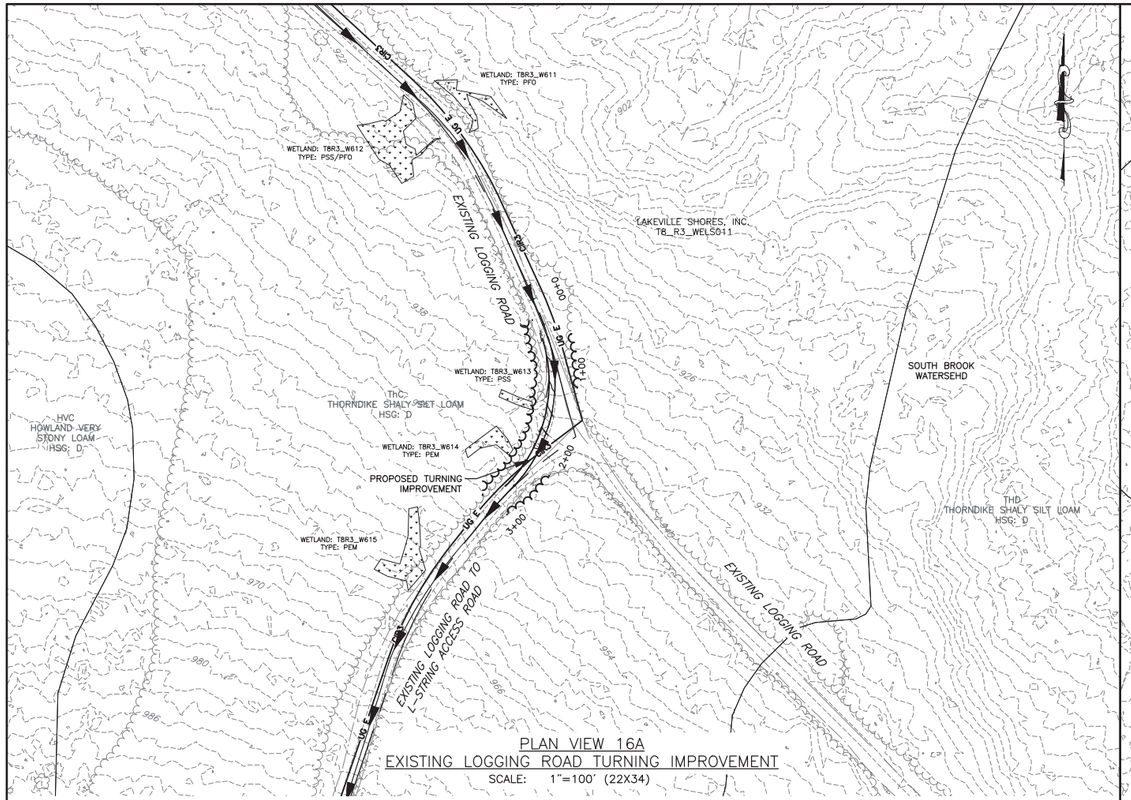
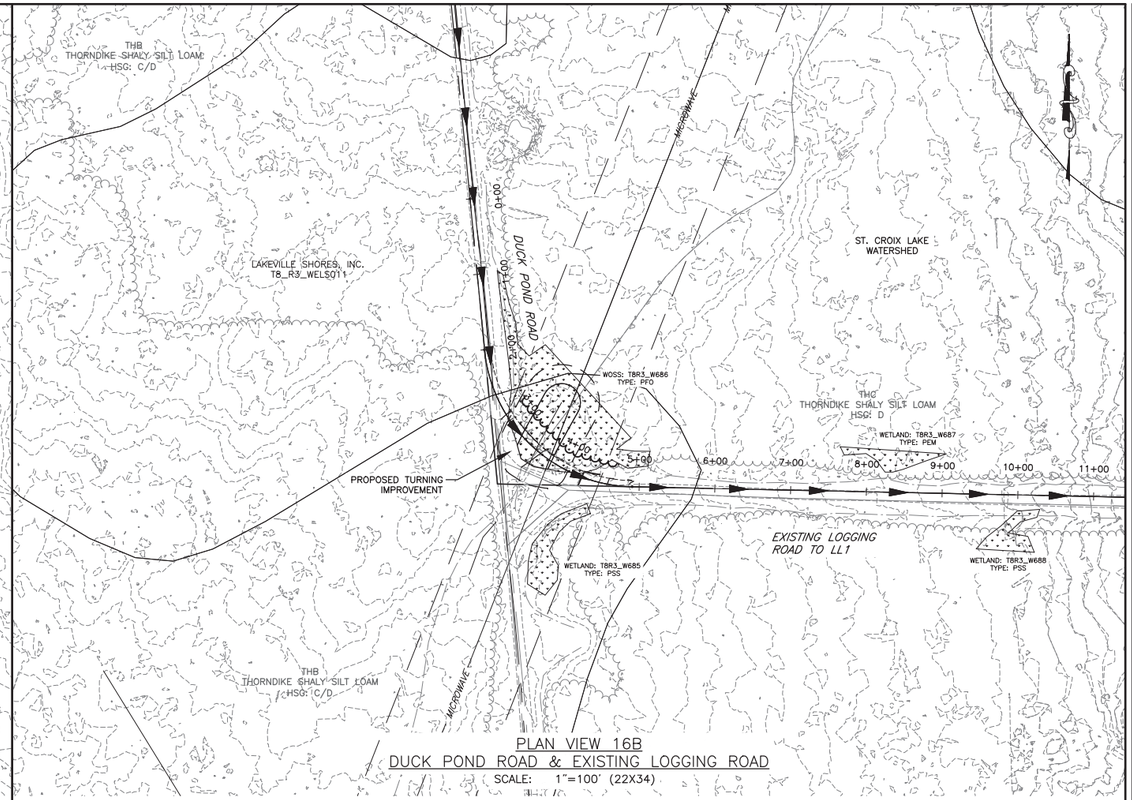
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

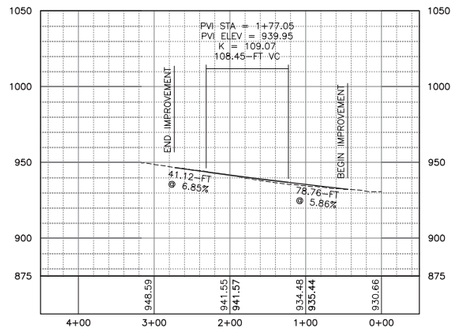
DRAWING NO.
INT-15



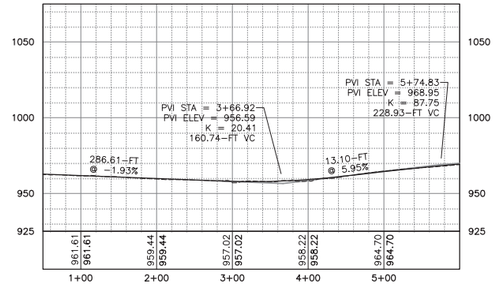
PLAN VIEW 16A
EXISTING LOGGING ROAD TURNING IMPROVEMENT
SCALE: 1"=100' (22X34)



PLAN VIEW 16B
DUCK POND ROAD & EXISTING LOGGING ROAD
SCALE: 1"=100' (22X34)



ROAD – ROAD PROFILE
0+45 – 2+70
HORIZ: 1"=100'
VERT: 1"=50'



ROAD – ROAD PROFILE
0+45 – 2+70
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Phone: 207-594-1339

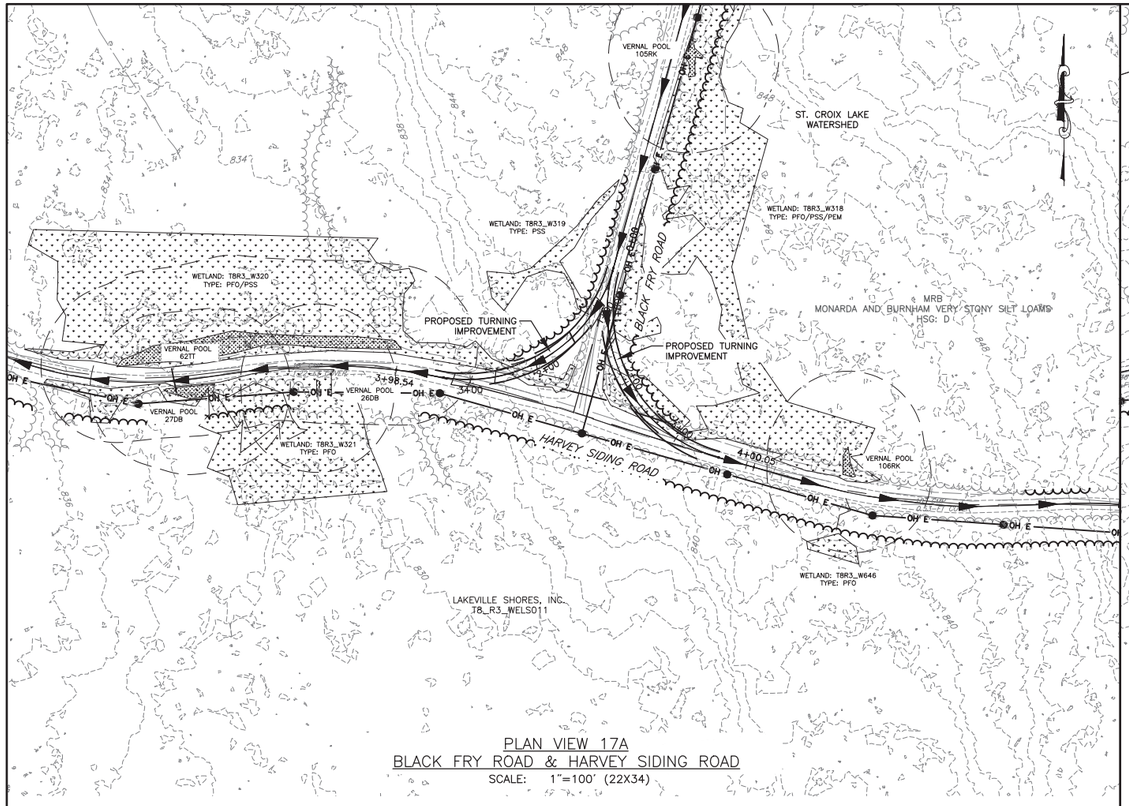
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

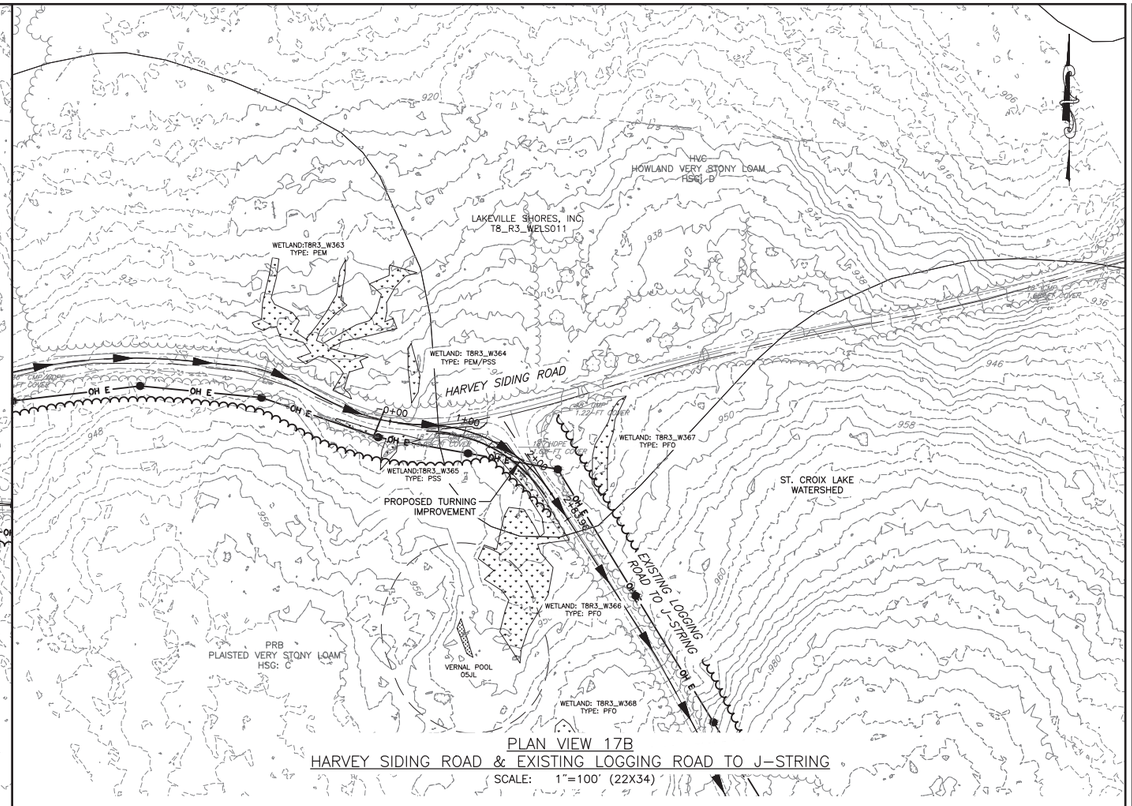
TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

DRAWING NO.
INT-16

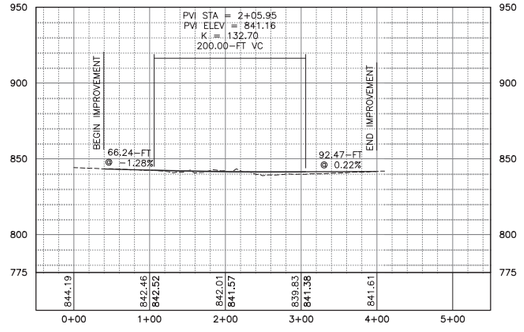
FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 20 intersection.dwg
DATE/TIME: 7/8/2015 5:40:31 PM
USER: Steven Mellott



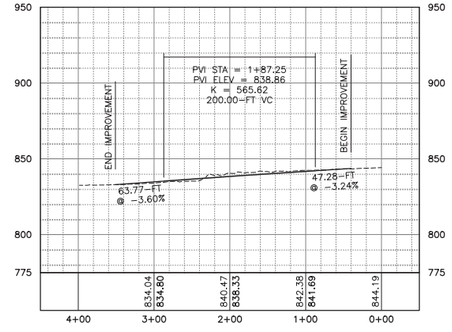
PLAN VIEW 17A
BLACK FRY ROAD & HARVEY SIDING ROAD
SCALE: 1"=100' (22X34)



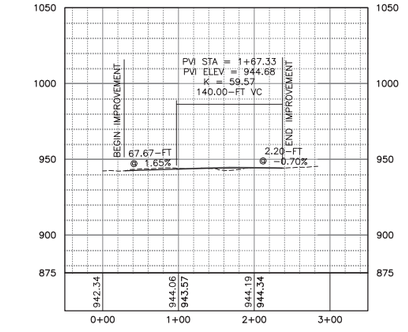
PLAN VIEW 17B
HARVEY SIDING ROAD & EXISTING LOGGING ROAD TO J-STRING
SCALE: 1"=100' (22X34)



BLACK FRY ROAD – HARVEY SIDING ROAD
RIGHT PROFILE
0+40 – 4+00
HORIZ: 1"=100'
VERT: 1"=50'



BLACK FRY ROAD – HARVEY SIDING ROAD
LEFT PROFILE
0+40 – 3+50
HORIZ: 1"=100'
VERT: 1"=50'



HARVEY SIDING ROAD – EXISTING LOGGING ROAD PROFILE
0+30 – 2+40
HORIZ: 1"=100'
VERT: 1"=50'

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
1			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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135 Clifton Road, Rockport, ME 04823
Phone: 207-236-3310

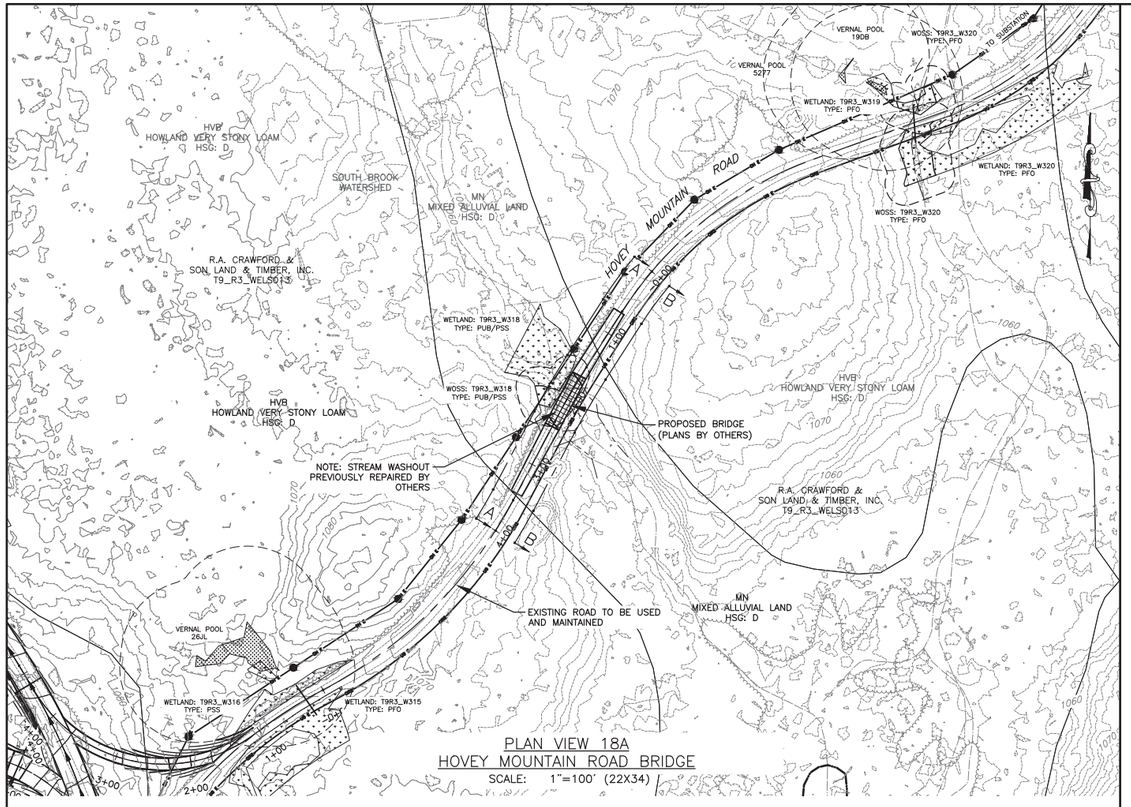
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

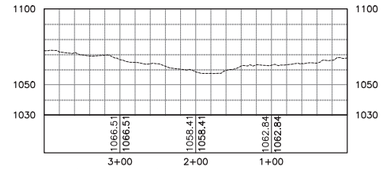
TITLE OF DRAWING
INTERSECTION IMPROVEMENTS

DRAWING NO.
INT-17

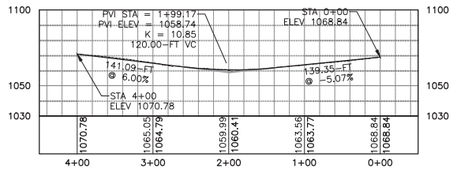
FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 number nine _harvey siding intersection.dwg
DATE/TIME: 7/8/2015 5:42:01 PM
USER: Steven Mellott



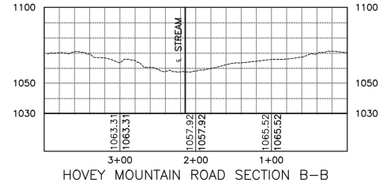
PLAN VIEW 18A
HOVEY MOUNTAIN ROAD BRIDGE
SCALE: 1"=100' (22X34)



HOVEY MOUNTAIN ROAD SECTION A–A
HORIZ: 1"=10'
VERT: 1"=5'



CENTERLINE HOVEY MOUNTAIN RD
HORIZ: 1"=10'
VERT: 1"=5'



HOVEY MOUNTAIN ROAD SECTION B–B
HORIZ: 1"=10'
VERT: 1"=5'

50 FEET 0 50 100 150
Scale: 1"=50'

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
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Phone: 207.774.2112

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
HOVEY MOUNTAIN ROAD BRIDGE

DRAWING NO.
INT-18

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 int 23 intersection.dwg
DATE/TIME: 7/8/2015 5:44:50 PM
USER: Steven Mellott

OAKFIELD
SMYRNA
DUDLEY
NEW LIMERICK
LUDLOW
HAMMOND
HOULTON
LITTLETON
MONTICELLO
BRIDGEWATER
T8 R3 WELS
T9 R3 WELS
TC R2 WELS
TD R2 WELS
DUCK POND RD
SOUTH BRANCH RD
HARVEY SPRING RD
ST. CROIX RD
TIE CAMP RD
NUMBER NINE LAKE RD
HOVEY MOUNTAIN RD
HOVEY MOUNTAIN LOOP RD
48 MILE CUT-OFF RD
O&M SUBSTATION
DREWS LAKE RD
INTERSTATE 95
US ROUTE 2
LUDLOW RD
B RD
PORTER SETTLEMENT RD
HAGAN FARM RD
MOOERS RD
BRIDAL PATH
NORTH GENERATOR LEAD
MCSHEFFERY RD
FRONT RIDGE RD
BACK RIDGE RD
GILLAY RD
ROGAN DR
LONDON LN
US ROUTE 1
BANGOR ST (US RT 2A)
ESTABROOK RD (TWIN BROOK RD)
OLD NINE RD
NORTH GENERATOR LEAD
T401A
T401B
T402A
T402B
T403A
T403B
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T406A
T406B
T407A
T407B
T408A
T408B
T409A
T409B
T410A
T410B
T411A
T450A
T450B
T450C
T451A
T451B
T451C
LL0
LL1
MM7
MM8
LL9
LL10
LL11
LL13
LL14
LL15
LL16
HH2
HH3
HH4
BP-3
H1
H2
H4
H5
H7
H9
LY-1
B5
B6
B8
B10
B11
C5
C6
C7
C8
C9
C10
C11
C12
C14
C16

LEGEND	
	GENERATOR LEAD CENTERLINE
	TURBINE SITES ACCESS ROADS
	CONSTRUCTION ACCESS ROADS
	EXISTING ROADS NOT IN PROJECT

4000 0 4000 8000 12000 16000
Scale: 1" = 4000'

REV	DESCRIPTION	DATE	BY
1			
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catamaran Drive, Suite 103, Dover, DE 19901
Phone: 302-734-7950

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD AND BRIDAL PATH INDEX PLAN 1

DRAWING NO.
T400A

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 tline index plan_T400.dwg
DATE/TIME: 7/9/2015 8:23:15 AM
USER: Steven Mellott

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 tline index plan_T400.dwg
DATE/TIME: 7/9/2015 8:23:29 AM
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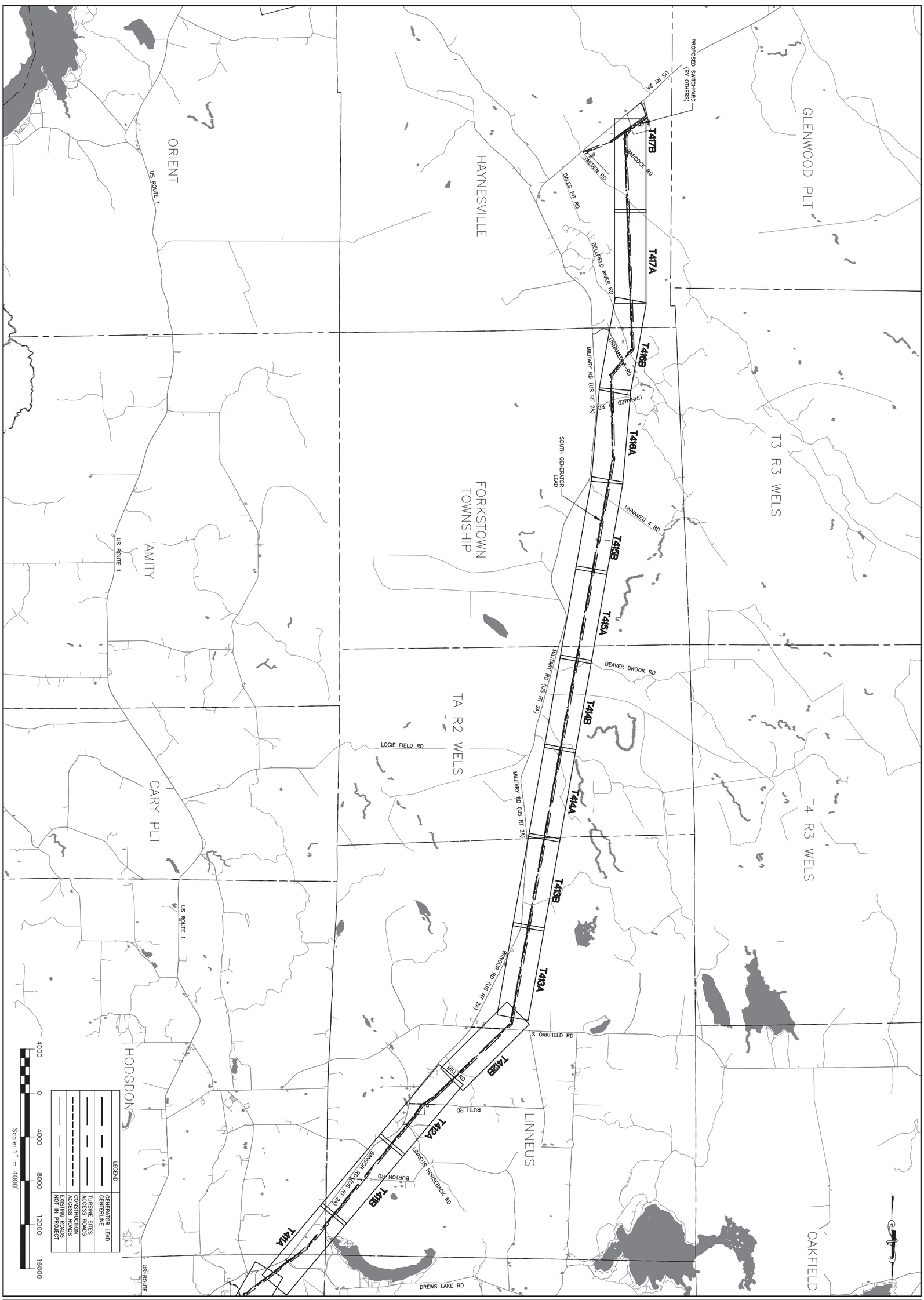

DRAWING NO.
T400B
SHEET 318 OF 338

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

NUMBER NINE WIND FARM

TITLE OF DRAWING
NORTH GENERATOR LEAD AND BRIDAL PATH INDEX PLAN 2

FISHERASSOCIATES
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140009
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If an item bearing the seal of an engineer or land surveyor is altered, the alterer shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and the date of such alteration, and a specific description of the alteration.

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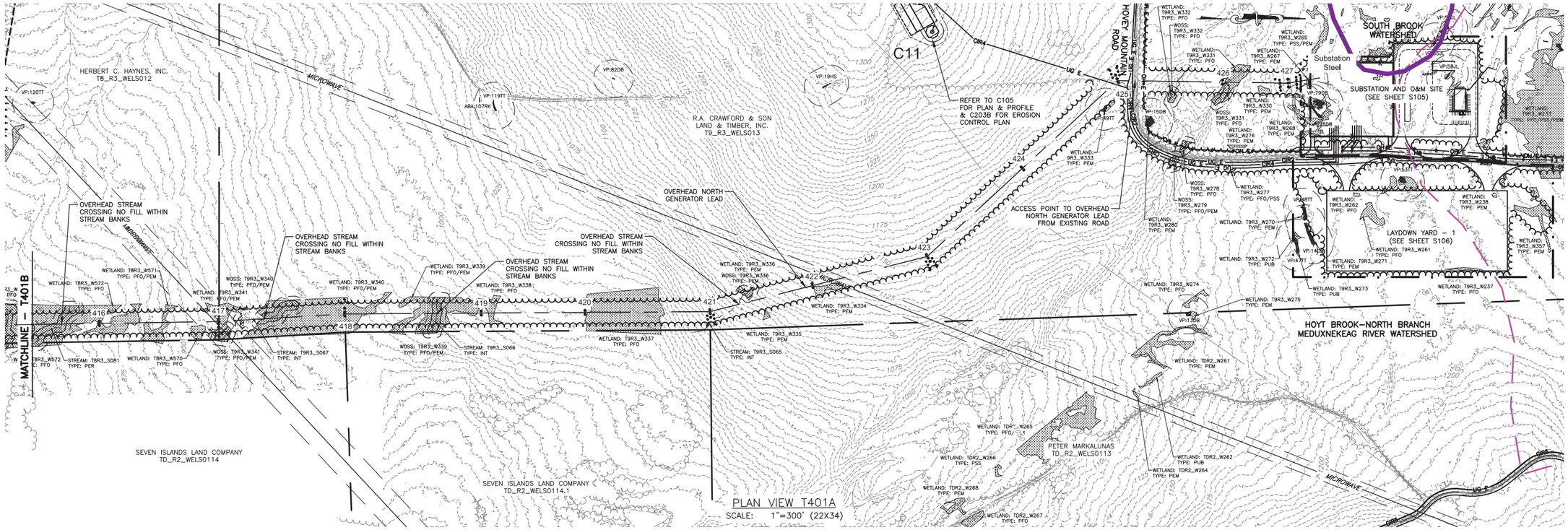

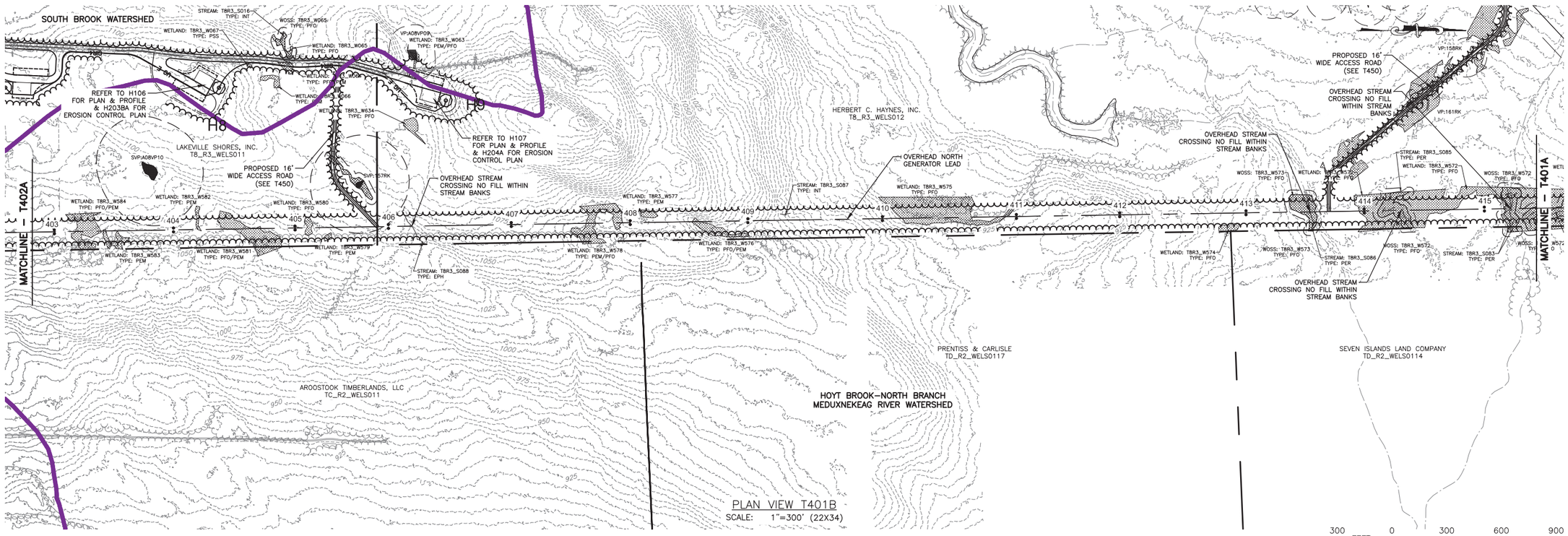

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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JULY 2015

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NUMBER NINE WIND FARM

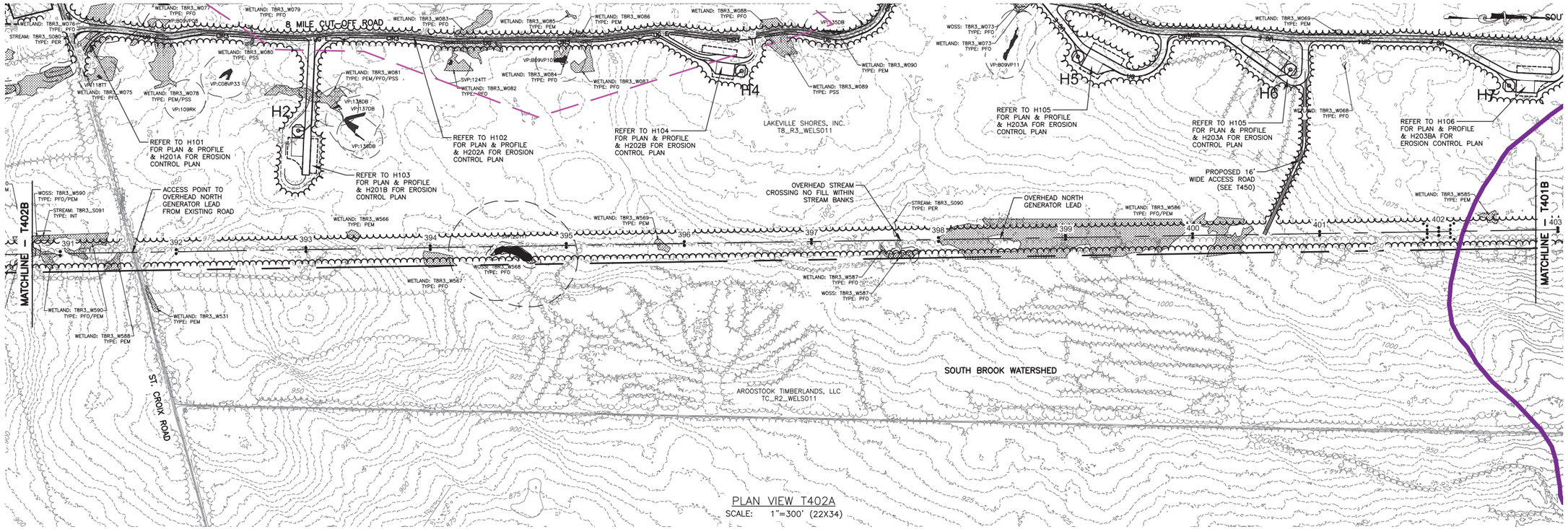
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD PLAN

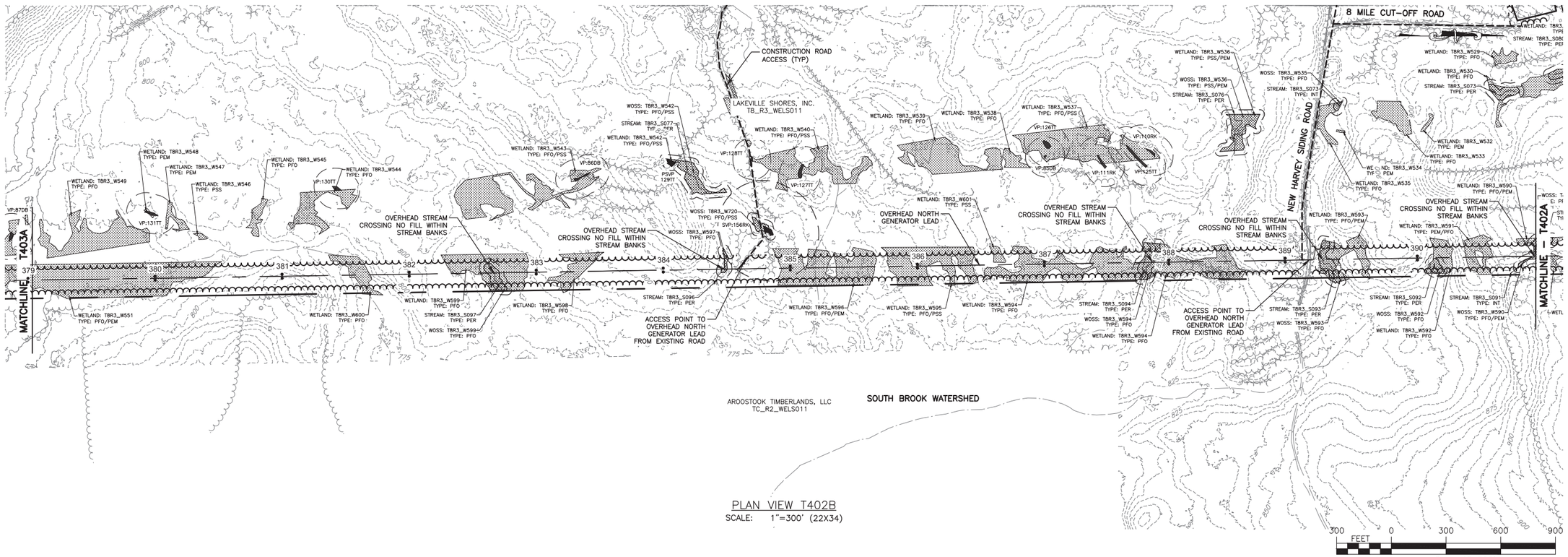
DRAWING NO.
T401

SHEET 319 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 T401-T405 Sheets.dwg
DATE/TIME: 7/9/2015 8:24:13 AM
USER: Steven Mellott



PLAN VIEW T402A
SCALE: 1"=300' (22X34)



PLAN VIEW T402B
SCALE: 1"=300' (22X34)

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 T401-T405 Sheets.dwg
DATE/TIME: 7/9/2015 8:25:29 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
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ISSUE DATE
JULY 2015

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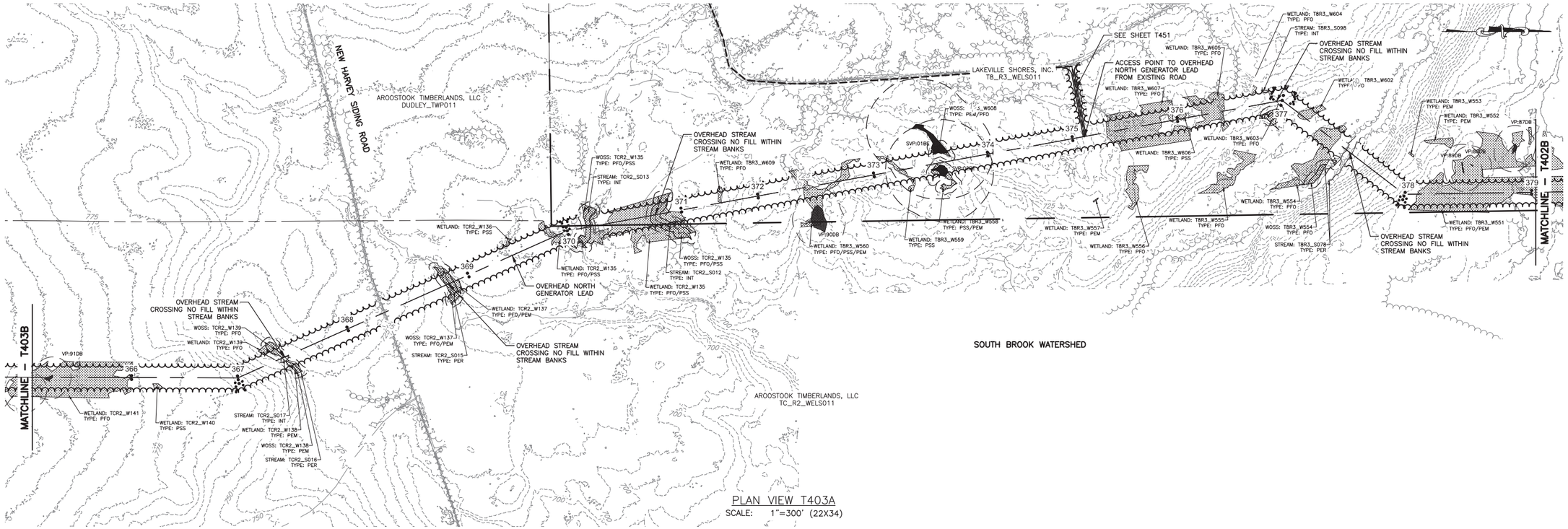
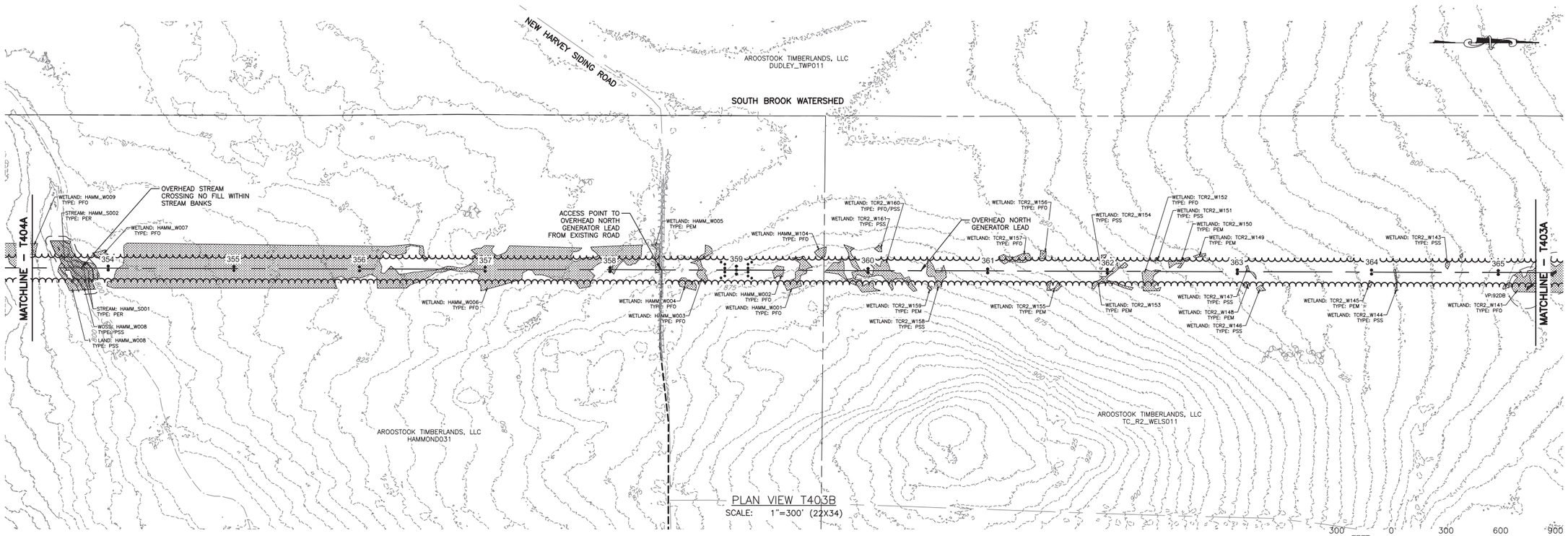
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD PLAN

DRAWING NO.
T402





REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT

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SCALE
AS SHOWN

ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Road, Bangor, ME 04401
Phone (207) 942-3333

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD PLAN

DRAWING NO.
T403

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 T401-T405 Sheets.dwg
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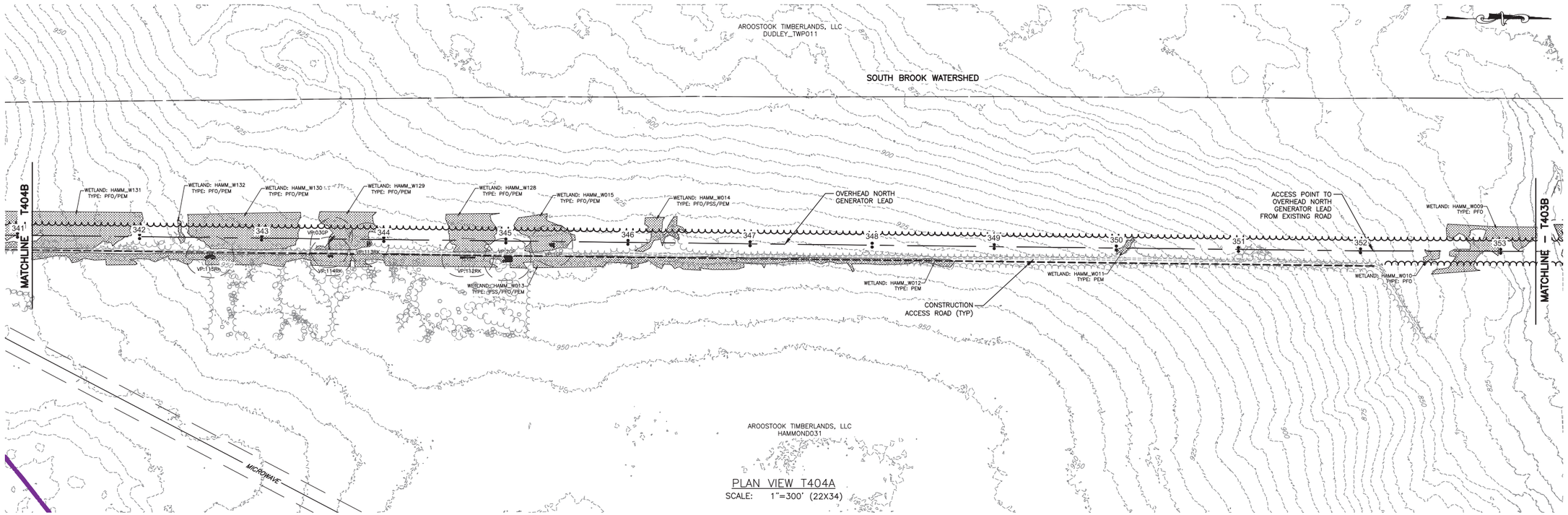
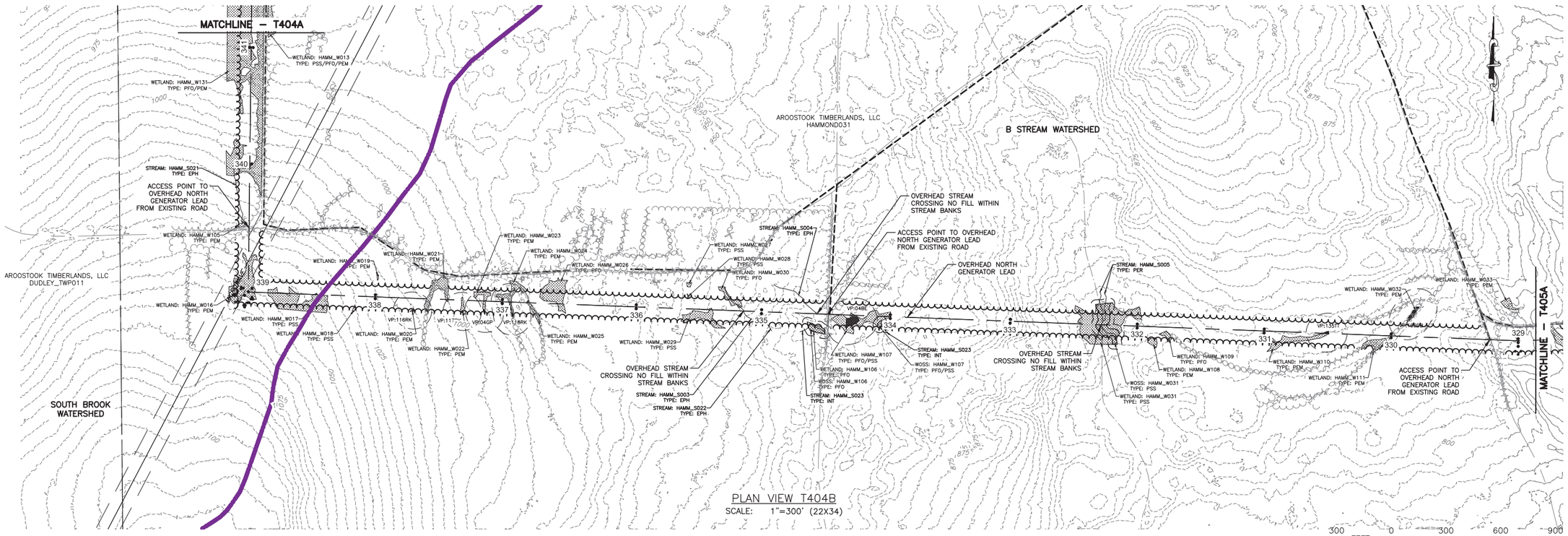
USER: Steven Mellott



PLAN VIEW T404A
SCALE: 1"=300' (22X34)



PLAN VIEW T404B
SCALE: 1"=300' (22X34)

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 T401-T405 Sheets.dwg
DATE/TIME: 7/9/2015 8:27:59 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

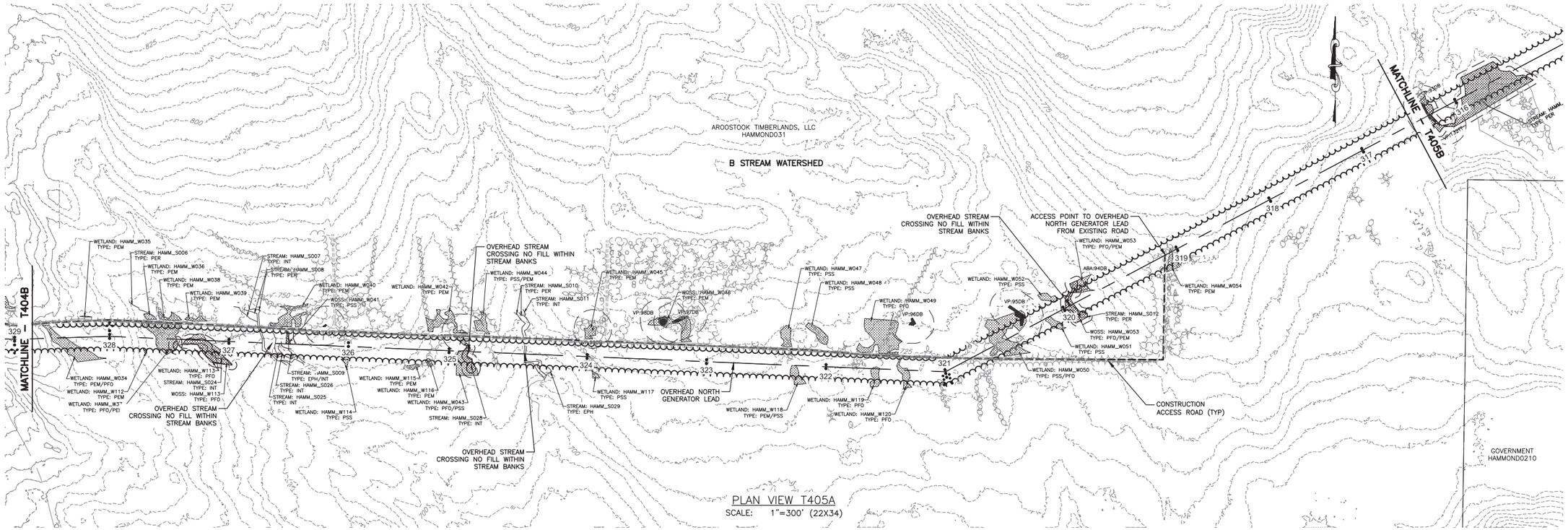
FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Street, Rochester, NY 14607
Phone (585) 334-3310

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD PLAN

DRAWING NO.
T404



PLAN VIEW T405A
SCALE: 1"=300' (22X34)

PLAN VIEW T405B
SCALE: 1"=300' (22X34)

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Catherine Road, Bangor, ME 04401
Phone (207) 974-3133

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD PLAN

DRAWING NO.
T405

SHEET 324 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 T401-T405 Sheets.dwg
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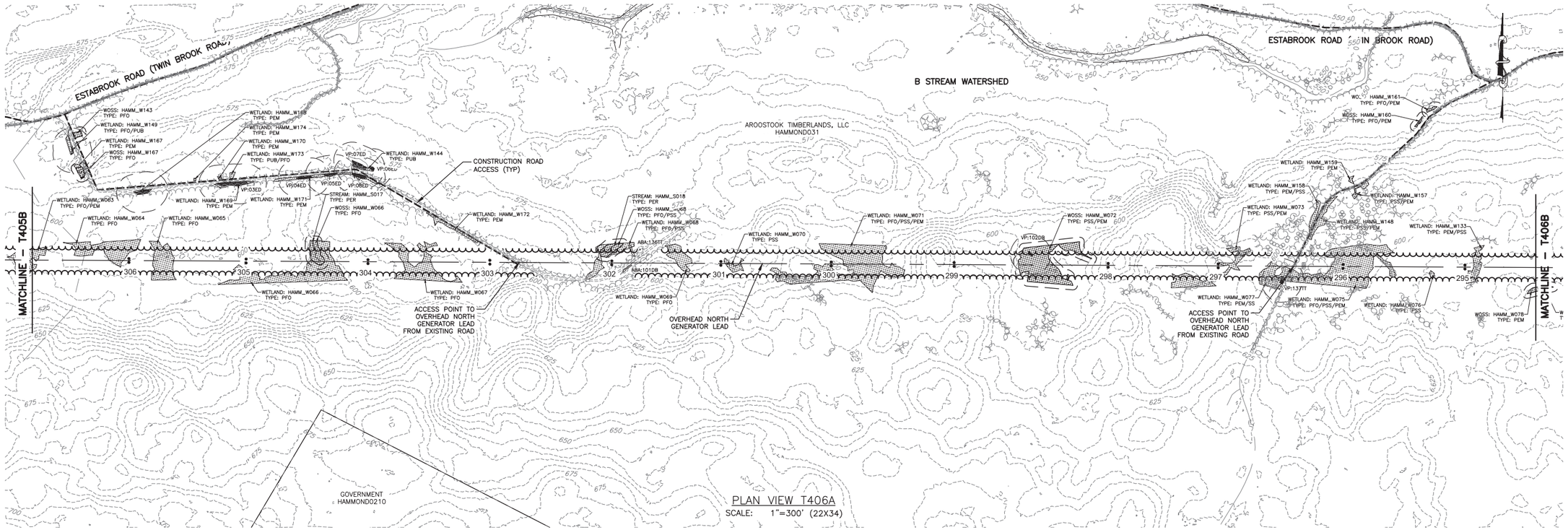

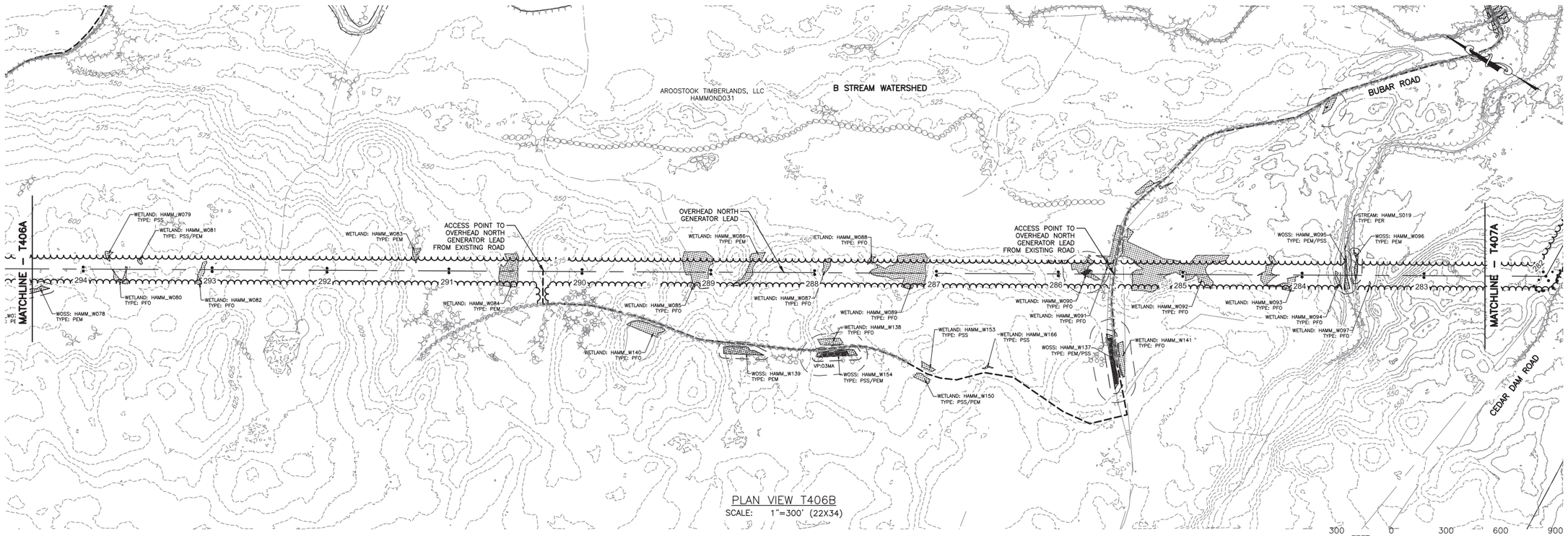

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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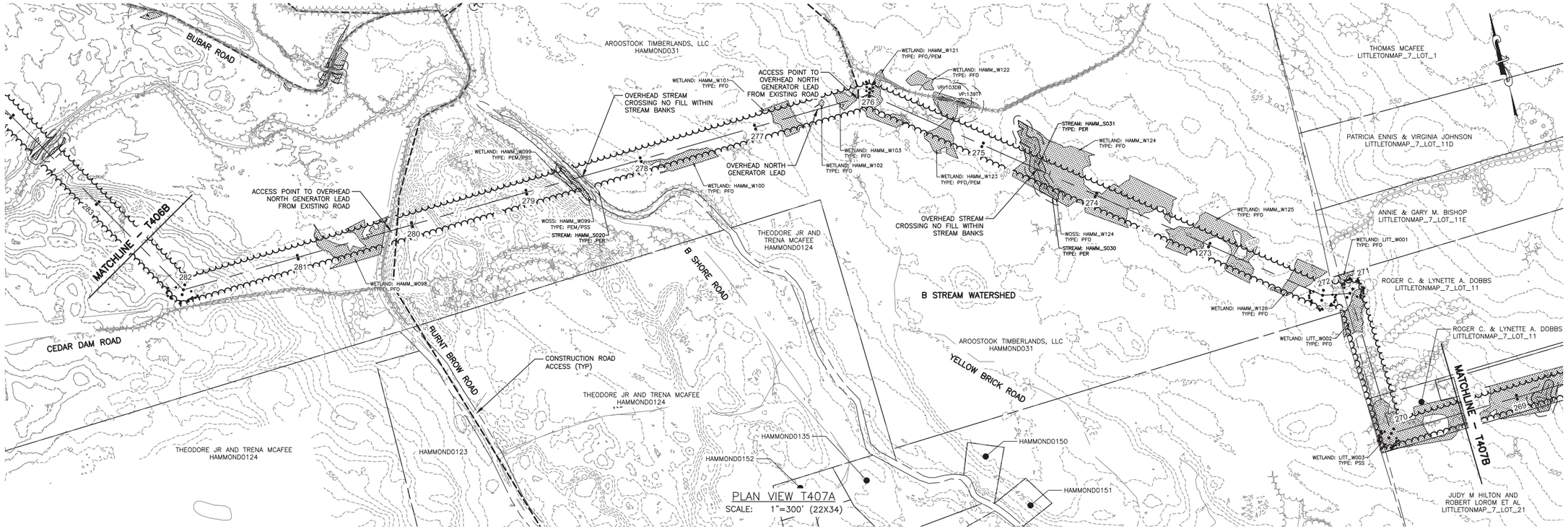
NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

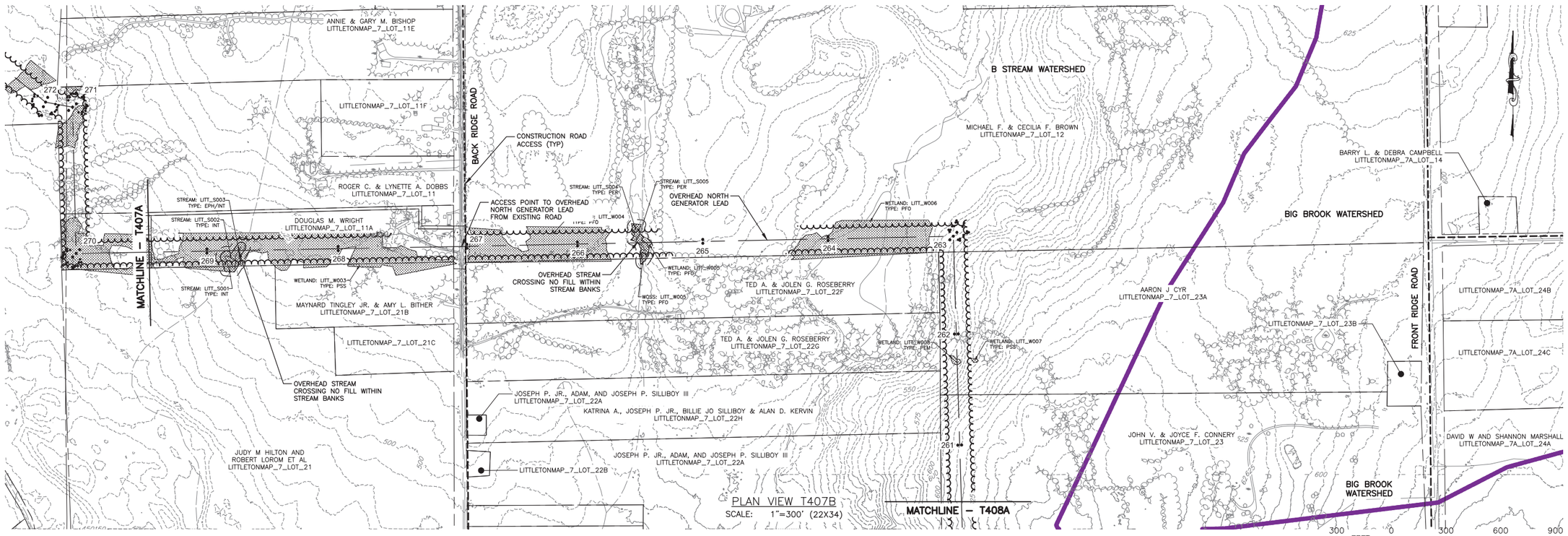
TITLE OF DRAWING
NORTH GENERATOR LEAD PLAN

DRAWING NO.
T406

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 T406-T410 Sheets.dwg
DATE/TIME: 7/9/2015 8:29:58 AM
USER: Steven Mellott



PLAN VIEW T407A
SCALE: 1"=300' (22X34)



PLAN VIEW T407B
SCALE: 1"=300' (22X34)

300 0 300 600 900
FEET
Scale: 1"=300'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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JULY 2015

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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD PLAN

DRAWING NO.
T407

SHEET 326 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 T406-T410 Sheets.dwg
DATE/TIME: 7/9/2015 8:31:13 AM
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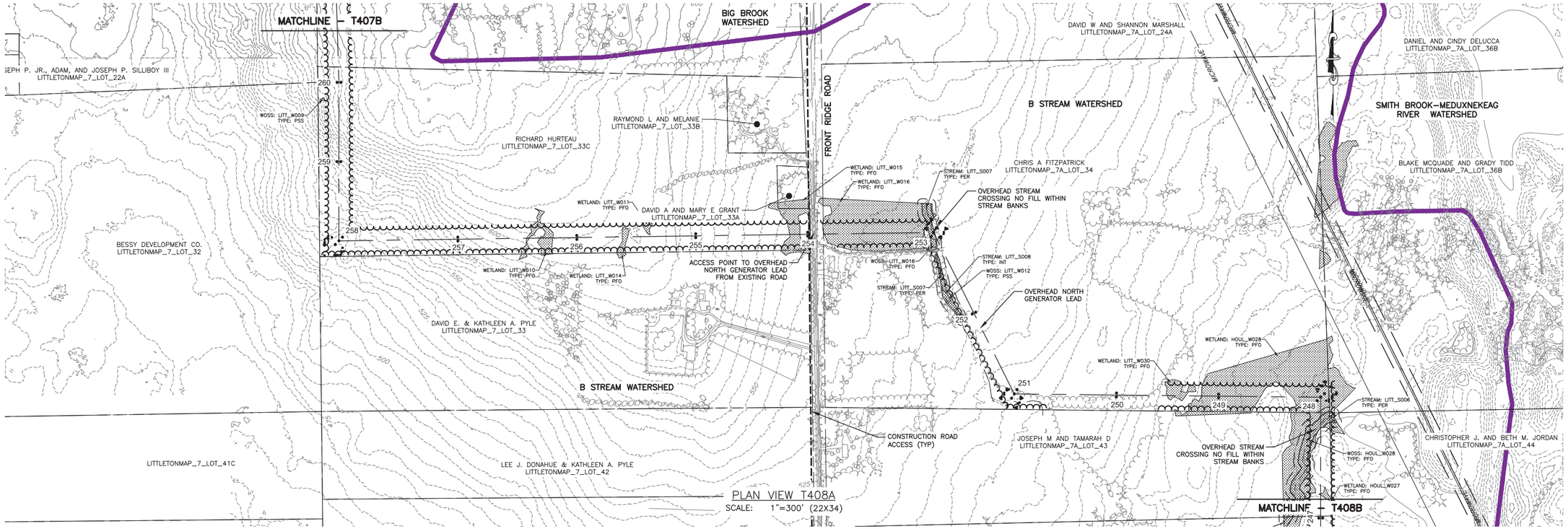

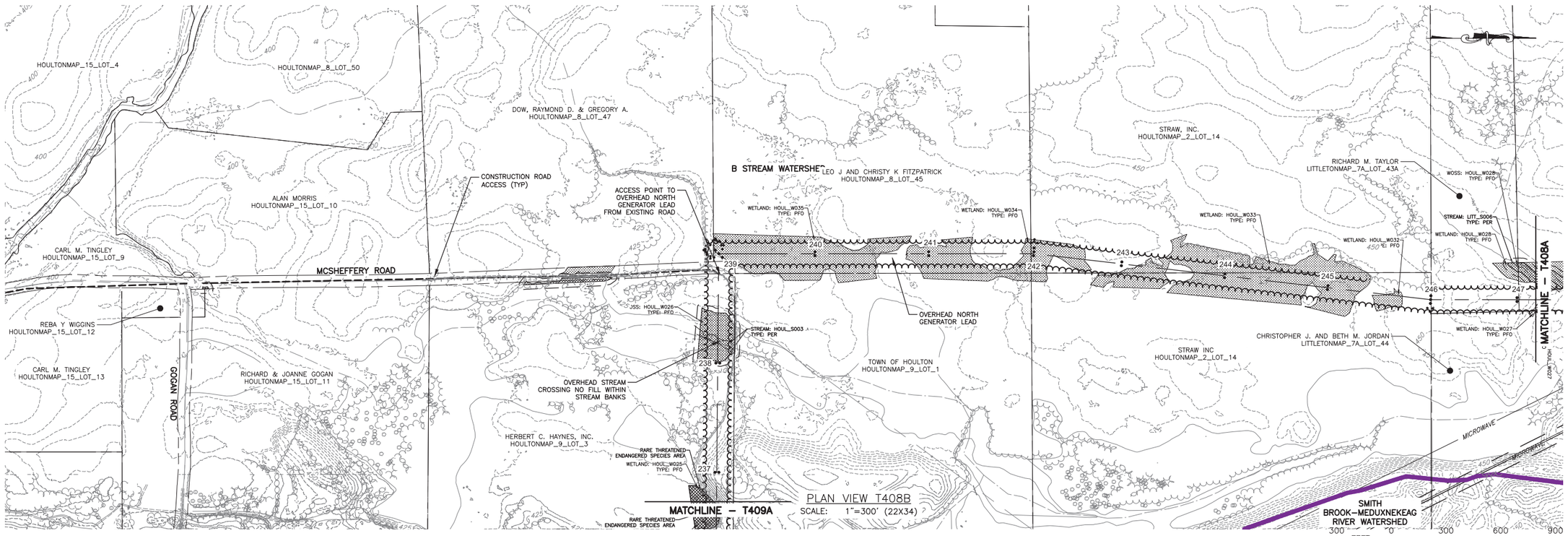

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DATE/TIME: 7/10/2015 10:12:38 AM
USER: Steven Mellott

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
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SCALE
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ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD PLAN

DRAWING NO.
T408

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD AND BRIDAL PATH PLAN

DRAWING NO.
T409

SHEET 328 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 T406-T410 Sheets.dwg
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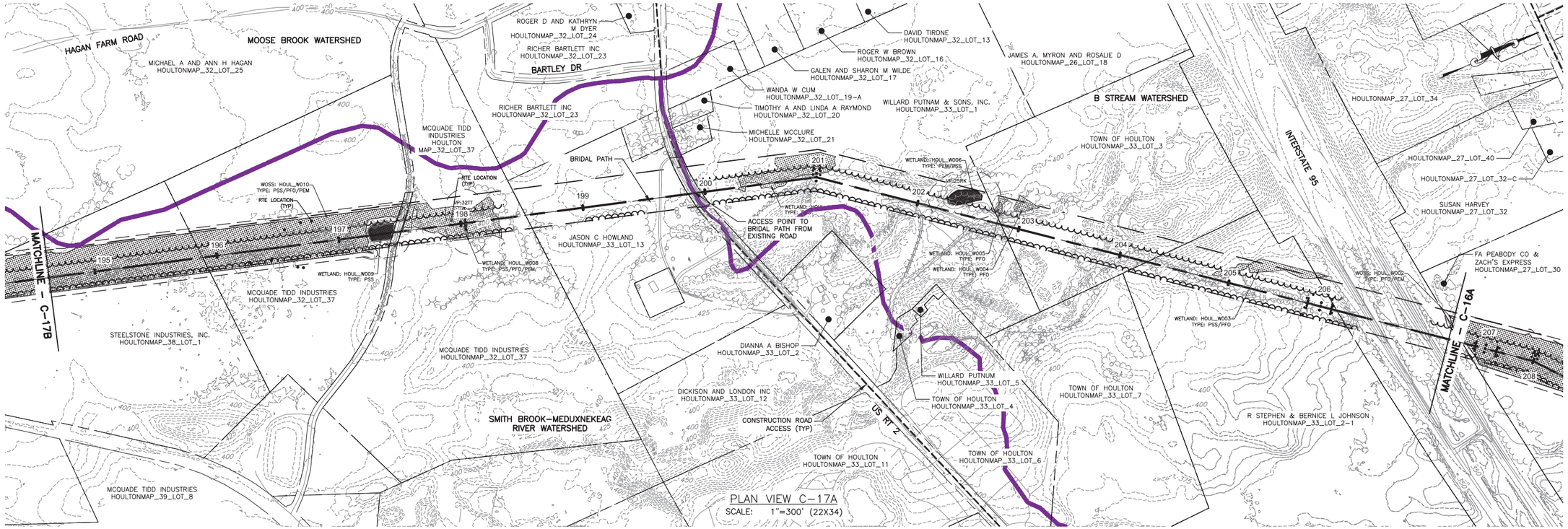
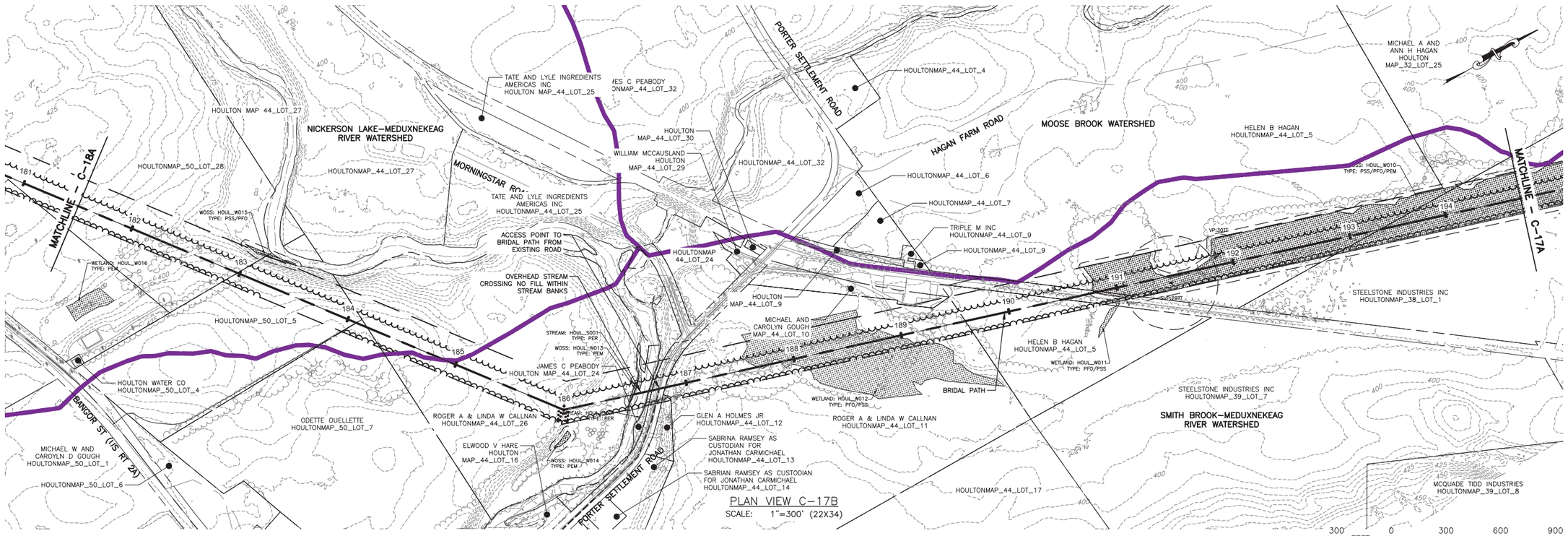


PLAN VIEW C–17A
SCALE: 1"=300' (22X34)



PLAN VIEW C–17B
SCALE: 1"=300' (22X34)

REV	DESCRIPTION	DATE	BY
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If an item bearing the seal of an engineer or land surveyor is altered, the engineer or land surveyor as the last date of his seal and his original signature and the date of such alteration and a specific description of the alteration.

FA PROJECT NO.
140009

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NUMBER NINE WIND FARM

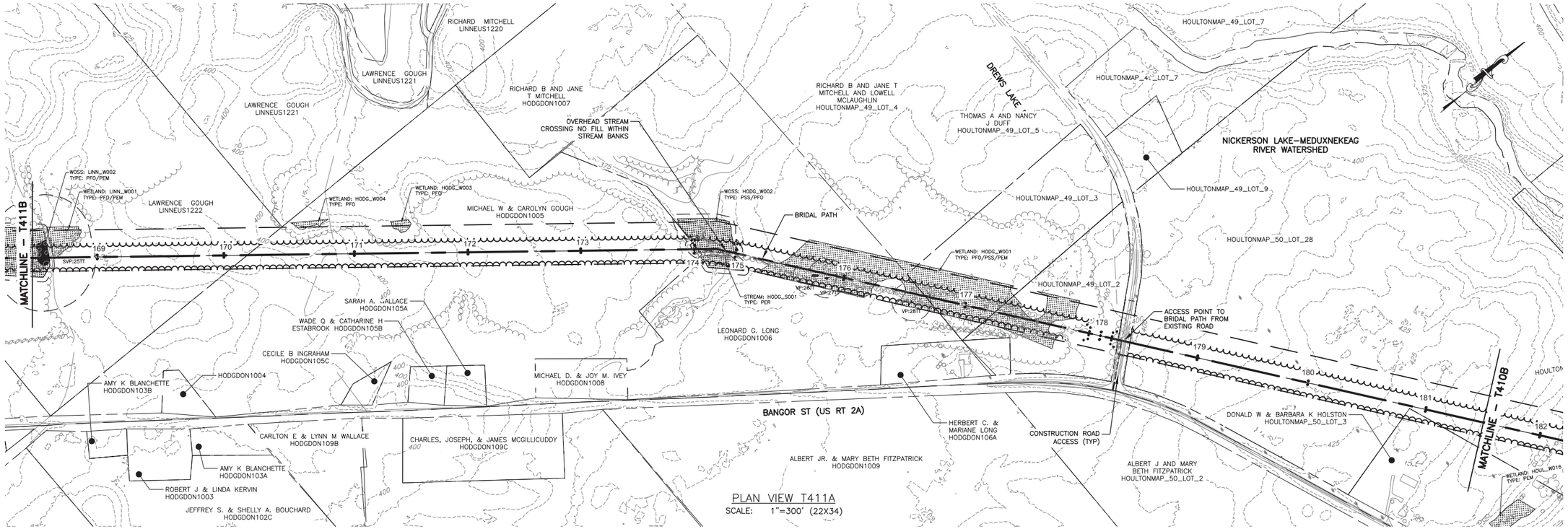
PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BRIDAL PATH PLAN

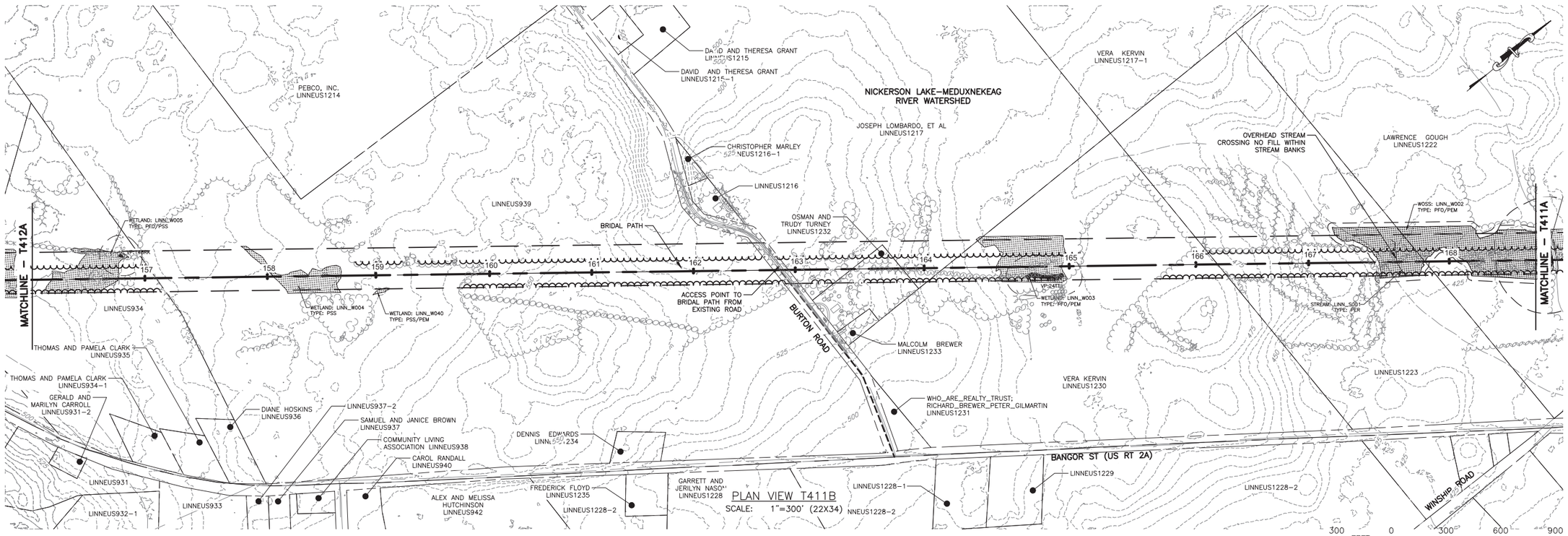
DRAWING NO.
T410

SHEET 329 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 T406-T410 Sheets.dwg
DATE/TIME: 7/10/2015 10:14:46 AM
USER: Steven Mellott



PLAN VIEW T411A
SCALE: 1"=300' (22X34)



PLAN VIEW T411B
SCALE: 1"=300' (22X34)

300 FEET 0 300 600 900
Scale: 1"=300'

REV	DESCRIPTION	DATE	BY
7			
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PROJECT
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AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BRIDAL PATH PLAN

DRAWING NO.
T411

SHEET 330 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 T411-T417 Sheets.dwg
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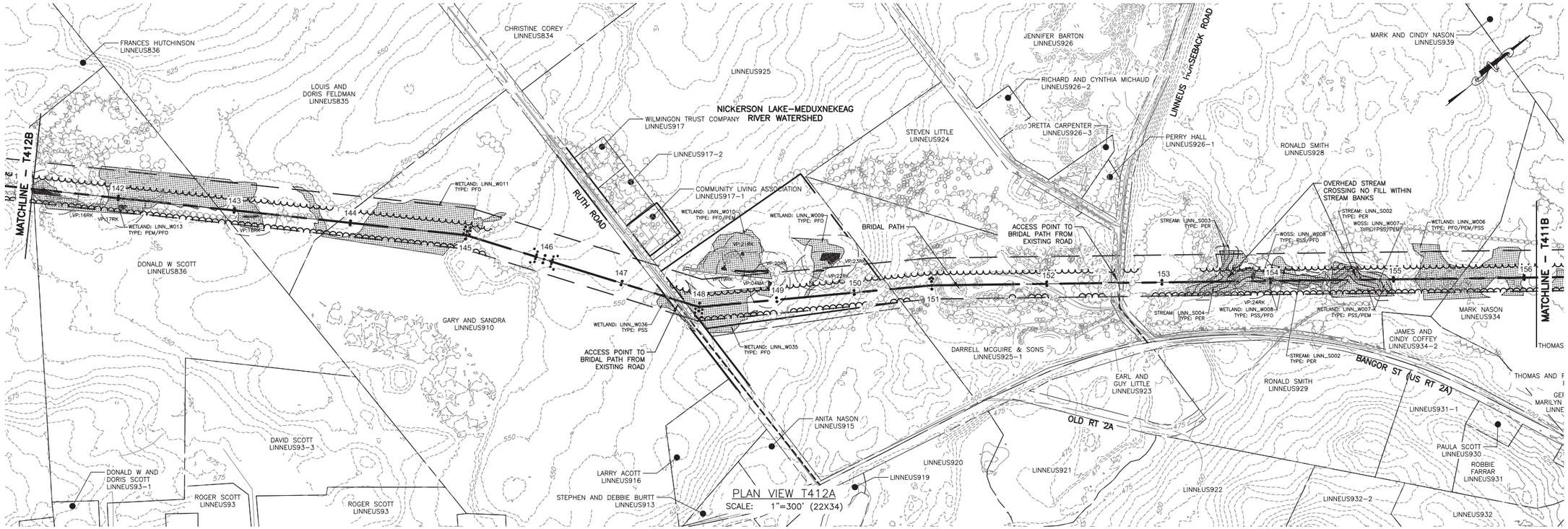

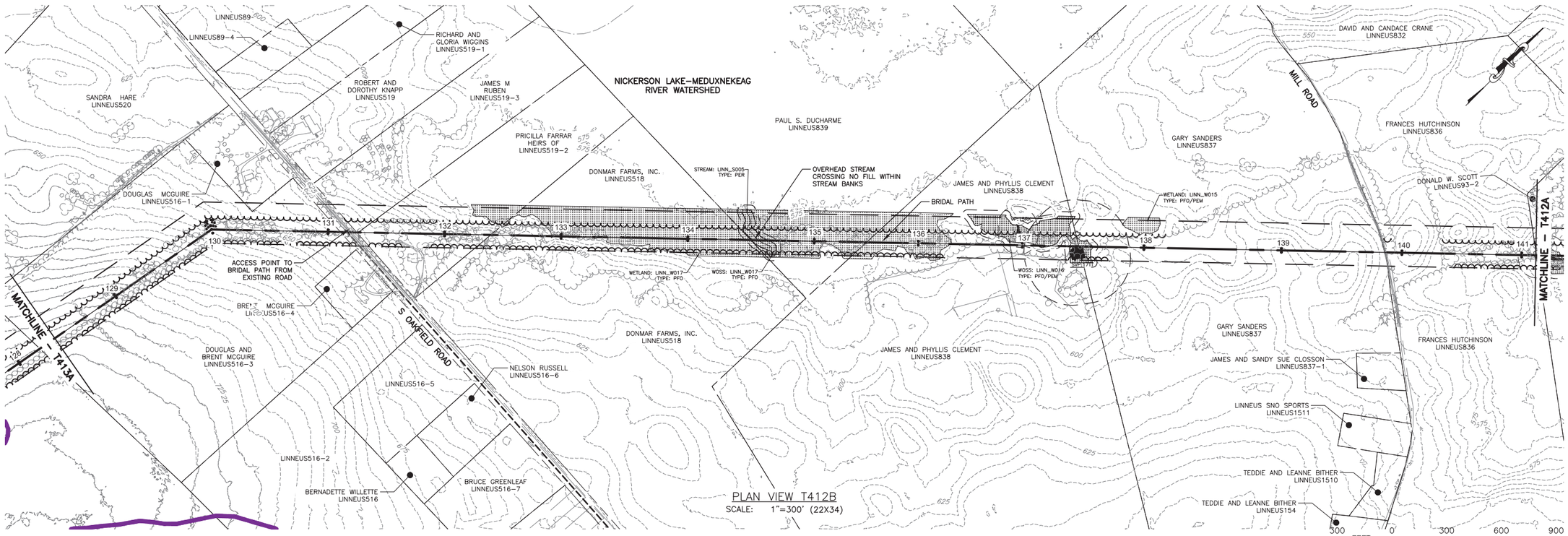

REV	DESCRIPTION	DATE	BY
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PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BRIDAL PATH PLAN

DRAWING NO.
T412

SHEET 331 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 T411-T417 Sheets.dwg
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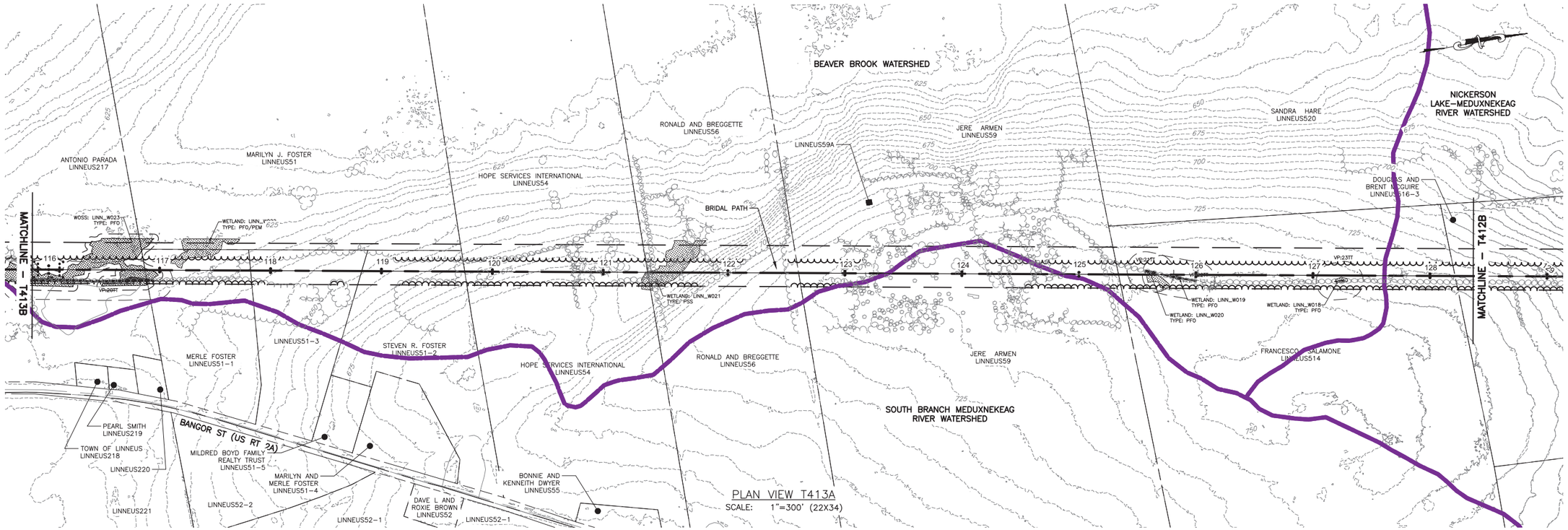

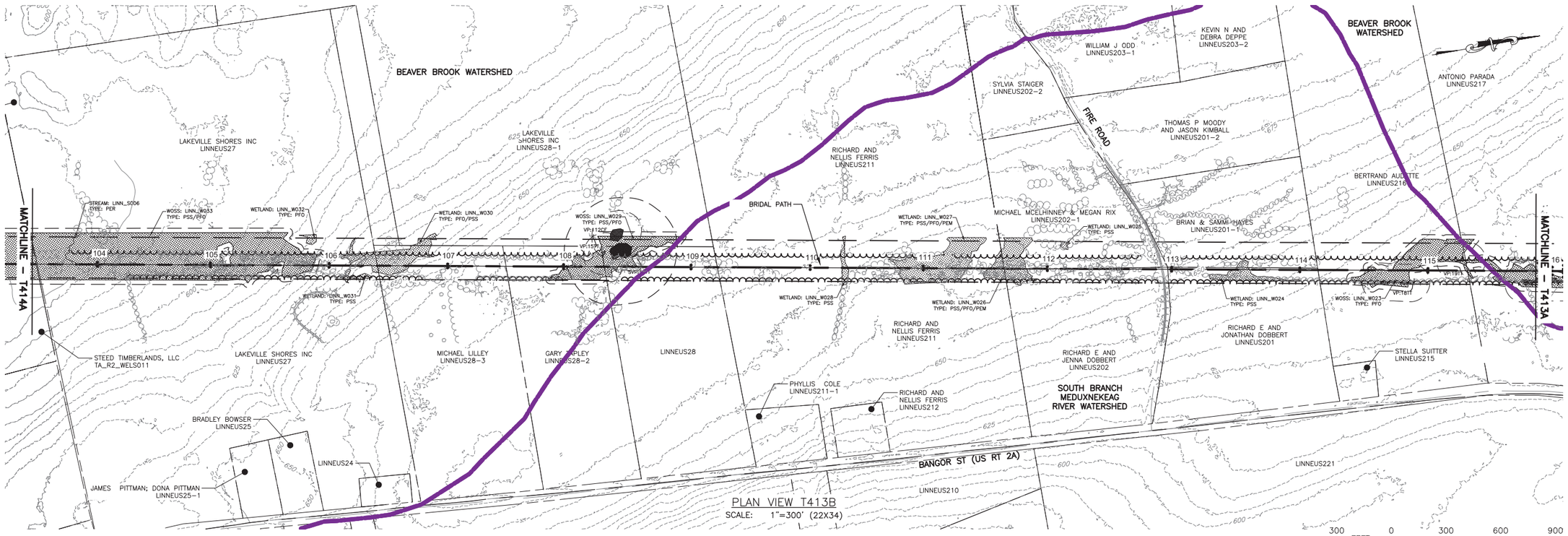

REV	DESCRIPTION	DATE	BY
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NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BRIDAL PATH PLAN

DRAWING NO.
T413

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 T411-T417 Sheets.dwg
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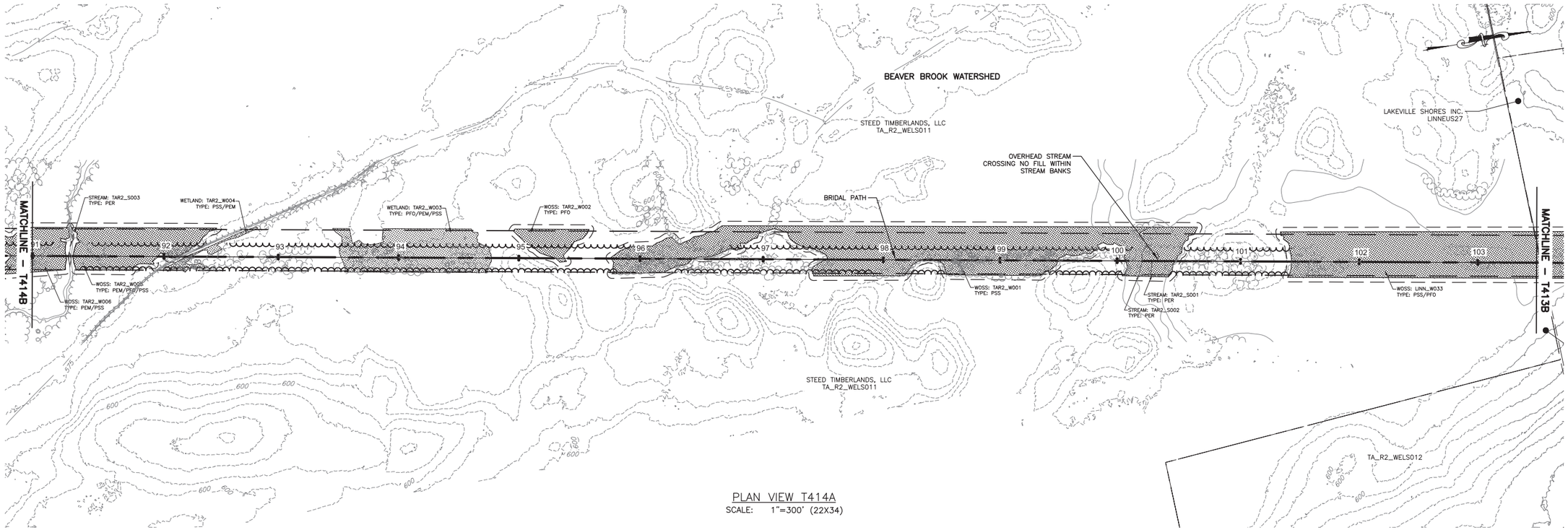
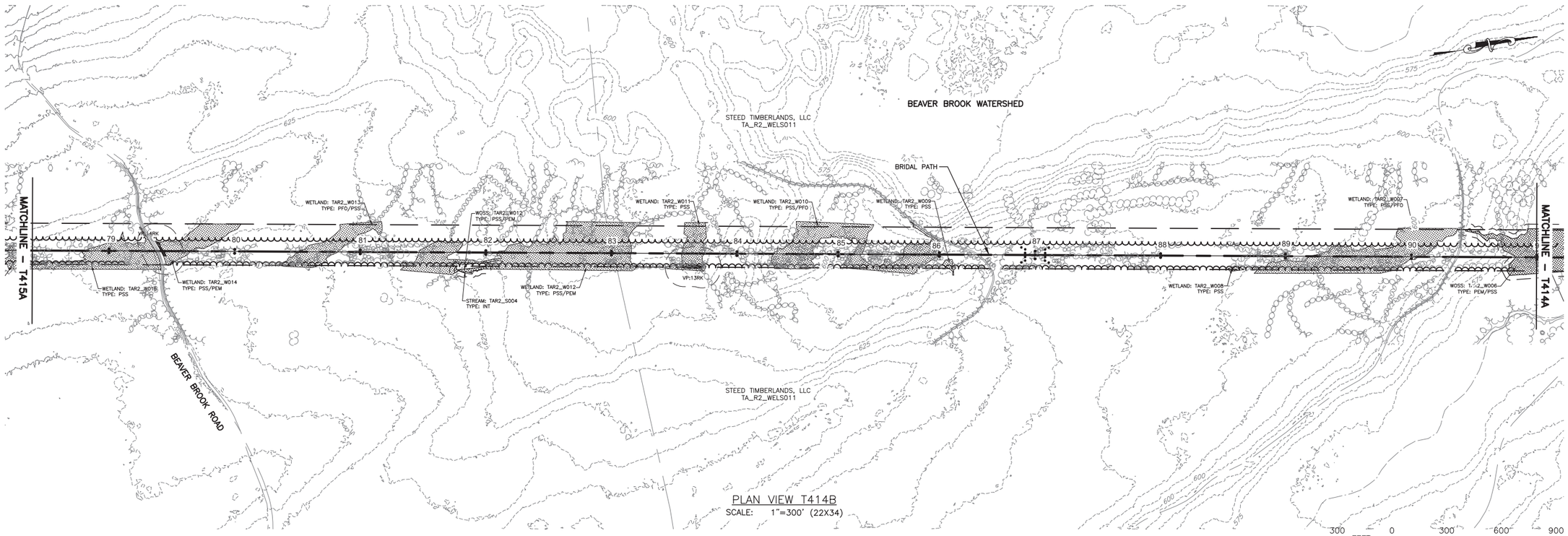
USER: Steven Mellott



PLAN VIEW T414A
SCALE: 1"=300' (22X34)



PLAN VIEW T414B
SCALE: 1"=300' (22X34)

300 FEET 0 300 600 900
Scale: 1"=300'

REV	DESCRIPTION	DATE	BY
1			
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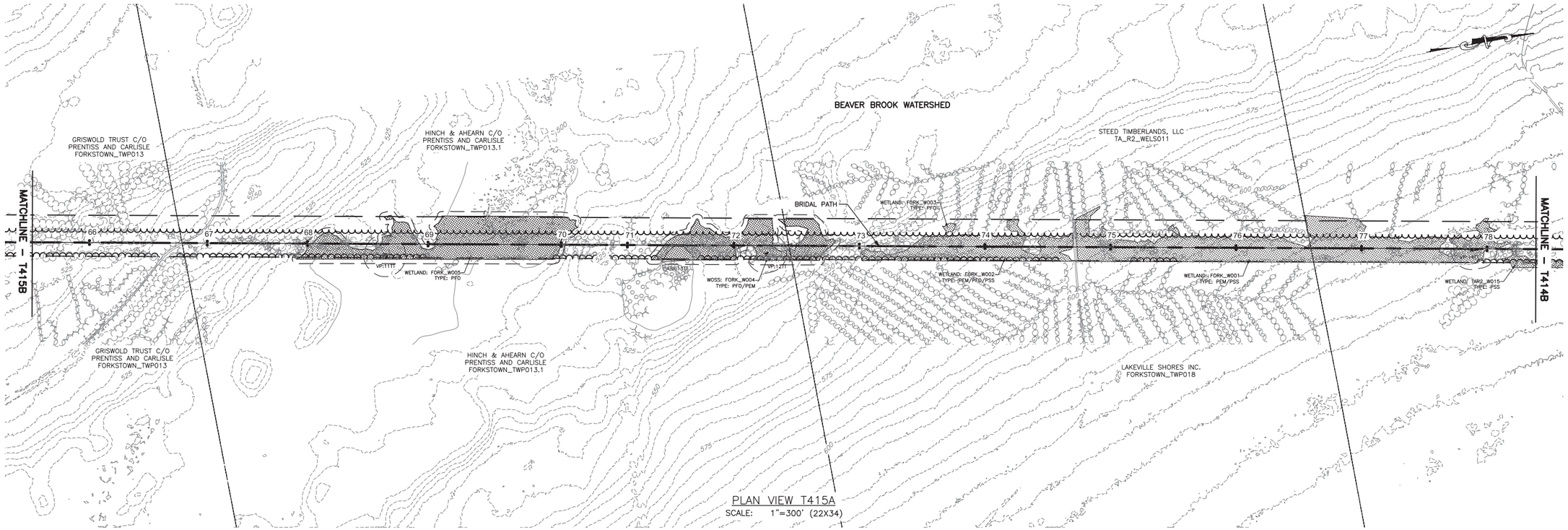
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BRIDAL PATH PLAN

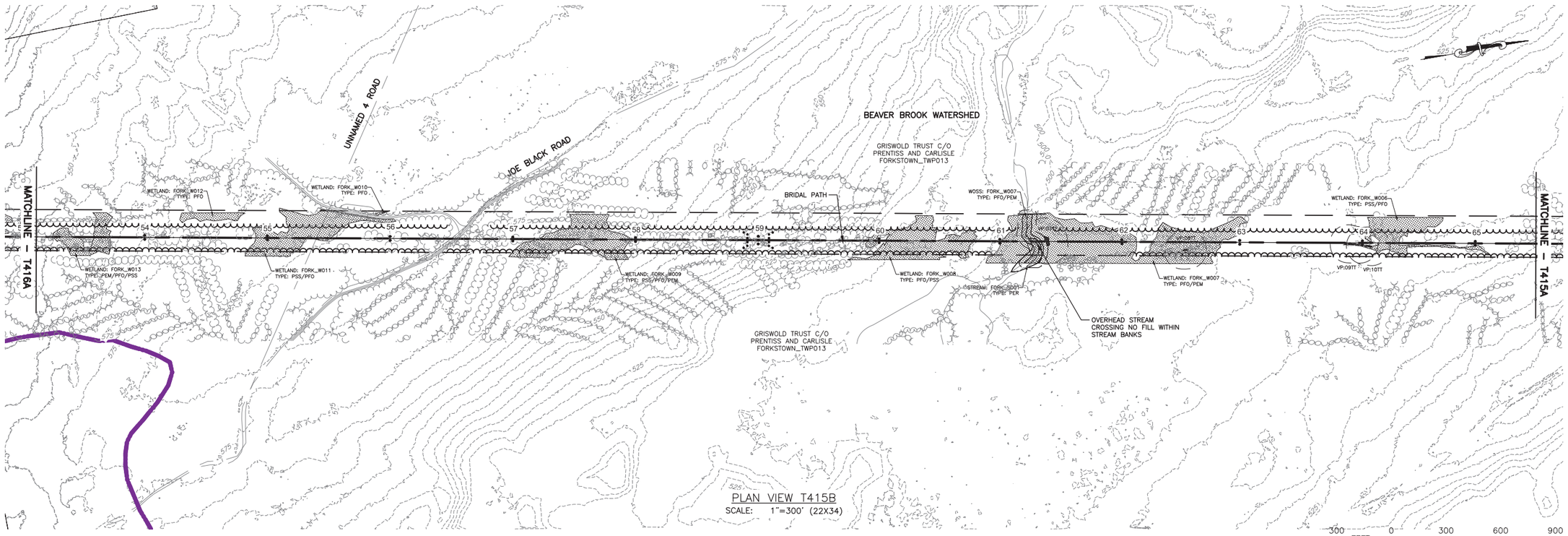
DRAWING NO.
T414

SHEET 333 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 T411-T417 Sheets.dwg
DATE/TIME: 7/9/2015 8:38:10 AM
USER: Steven Mellott



PLAN VIEW T415A
SCALE: 1"=300' (22X34)



PLAN VIEW T415B
SCALE: 1"=300' (22X34)

300 FEET 0 300 600 900
Scale: 1"=300'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
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PROJECT MANAGER
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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BRIDAL PATH PLAN

DRAWING NO.
T415

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 T411-T417 Sheets.dwg
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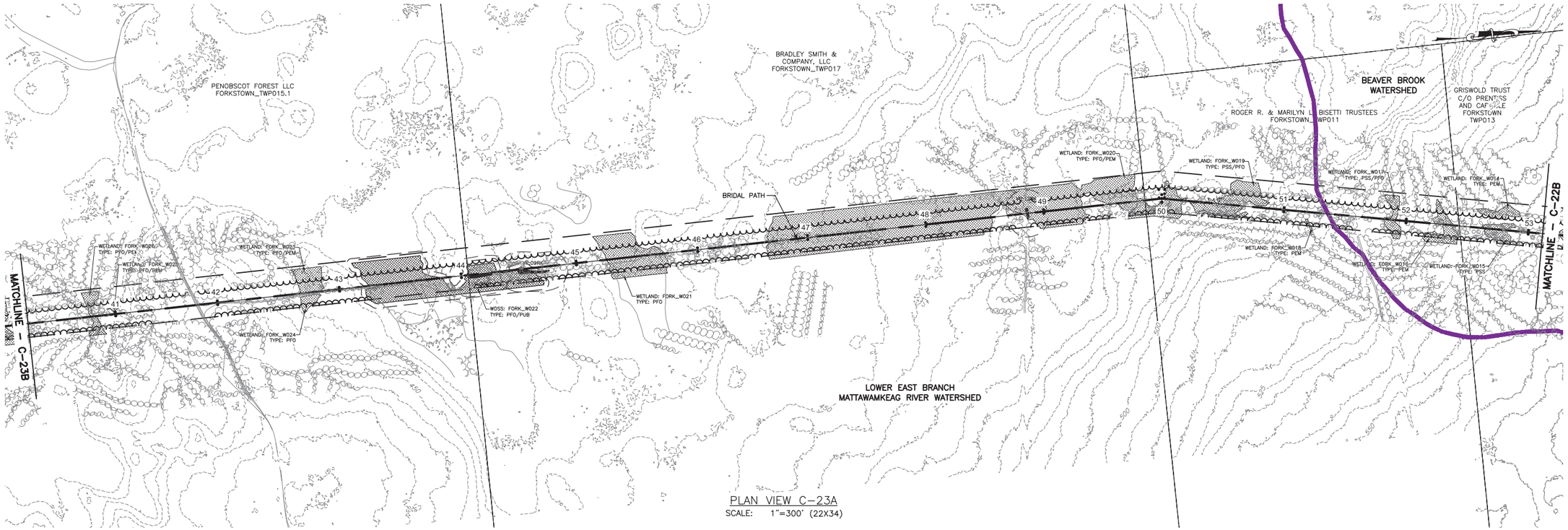
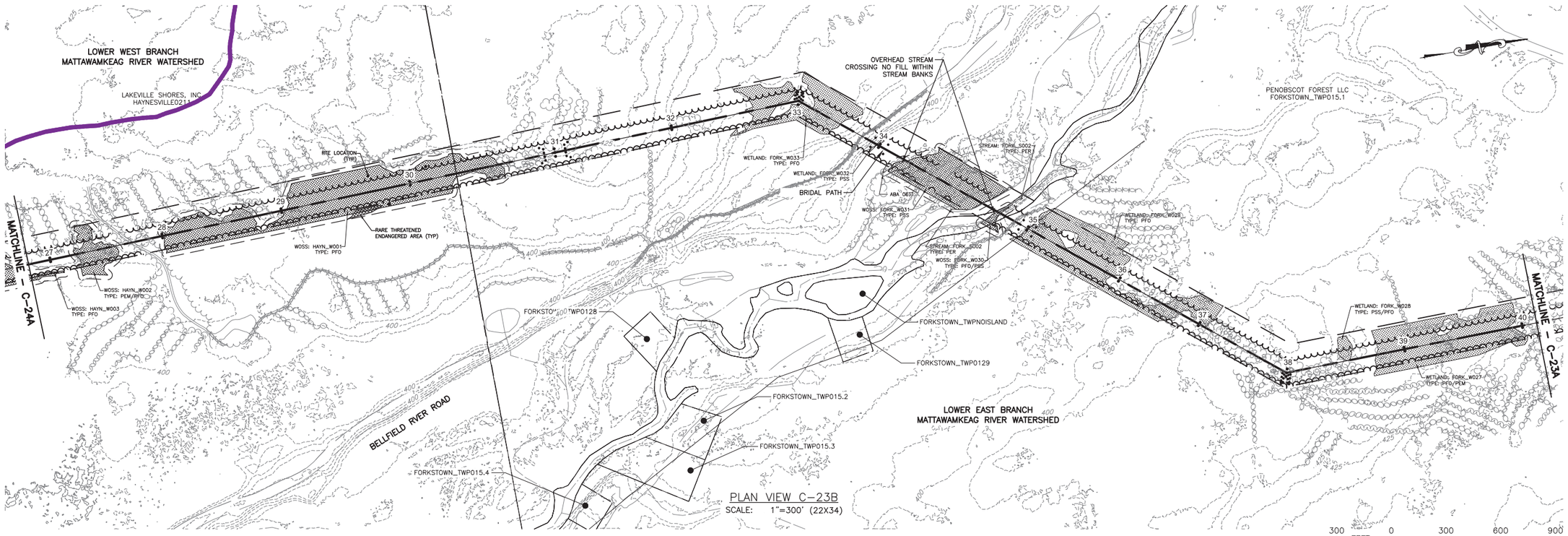
USER: Steven Mellott



PLAN VIEW C–23A
SCALE: 1"=300' (22X34)



PLAN VIEW C–23B
SCALE: 1"=300' (22X34)

300 FEET 0 300 600 900
Scale: 1"=300'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
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NUMBER NINE WIND FARM™

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NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BRIDAL PATH PLAN

DRAWING NO.
T416

SHEET 335 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 T411-T417 Sheets.dwg
DATE/TIME: 7/10/2015 10:18:54 AM
USER: Steven Mellott

PLAN VIEW T417A
SCALE: 1"=300' (22X34)

PLAN VIEW T417B
SCALE: 1"=300' (22X34)

300 FEET 0 300 600 900
Scale: 1"=300'

REV	DESCRIPTION	DATE	BY
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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

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Phone: (607) 319-2333

NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
BRIDAL PATH PLAN

DRAWING NO.
T417

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\OUT\140009 T411-T417 Sheets.dwg
DATE/TIME: 7/10/2015 10:20:44 AM
USER: Steven Mellott

HERBERT C. HAYNES, INC.
T8_R3_WELS012

HOYT BROOK–NORTH BRANCH
MEDUXNEKEAG RIVER WATERSHED

WETLAND: TBR3_W572
TYPE: PFO

OVERHEAD STREAM
CROSSING NO DISTURBANCE
WITHIN STREAM BANKS

HVB
HOWLAND VERY STONY LOAM
HSG: D

WETLAND: TBR3_W572
TYPE: PFO

STREAM: TBR3_S085
TYPE: PER

WOSS: TBR3_W572
TYPE: PFO

SEVEN ISLANDS LAND COMPANY
TD_R2_WELS0114

PROPOSED 16' WIDE
TEMPORARY ACCESS ROAD

STREAM: TBR3_S086
TYPE: PER

RS GL1–01

VERNAL POOL
120T

VERNAL POOL
160RK

OVERHEAD STREAM
CROSSING NO DISTURBANCE
WITHIN STREAM BANKS

WOSS: TBR3_W573
TYPE: PFO

PRC
PLAISTED VERY STONY LOAM
HSG: C

EXISTING
CONSTRUCTION
ACCESS ROAD

WOSS: TBR3_W573
TYPE: PFO

PRENTISS & CARLISLE
TD_R2_WELS0117

WETLAND: TBR3_W574
TYPE: PFO

OVERHEAD NORTH
GENERATOR LEAD

HVB
HOWLAND VERY STONY LOAM
HSG: D

VERNAL POOL
121TT

VERNAL POOL
830B

PRC
PLAISTED VERY STONY LOAM
HSG: C

PLAN VIEW
SCALE: 1"=100' (22X34)

TURBINE: H9
LAT: 46° 21' 48.020" N
LONG: 68° 2' 35.597" W
NORTHING: 983456.75
EASTING: 1099563.84
PED. ELEV: 1165.50

HOYT BROOK–NORTH BRANCH
MEDUXNEKEAG RIVER WATERSHED

OVERHEAD STREAM
CROSSING NO DISTURBANCE
WITHIN STREAM BANKS

WETLAND: TBR3_W063
TYPE: PEM/PFO

STREAM: TBR3_S088
TYPE: EPH

VERNAL POOL
VP_ABBVP02_N

WETLAND: TBR3_W634
TYPE: PFO

HERBERT C. HAYNES, INC.
T8_R3_WELS012

406

REFER TO H107 FOR PLAN
AND PROFILE INFORMATION

SIGNIFICANT
VERNAL POOL
157RK

TKD
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

TKC
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

RS GL2–02

WETLAND: TBR3_W579
TYPE: PEM

OVERHEAD NORTH
GENERATOR LEAD

RS GL2–01

PROPOSED 16' WIDE
TEMPORARY ACCESS ROAD

WETLAND: TBR3_W580
TYPE: PFO

WETLAND: TBR3_W064
TYPE: PEM

WETLAND: TBR3_W065
TYPE: PFO

WOSS: TBR3_W065
TYPE: PFO

REA
TA_001_
INT

LAKEVILLE SHORES, INC.
T8_R3_WELS011

405

SOUTH BROOK
WATERSHED

WETLAND: TBR3_W581
TYPE: PFO/PEM

WETLAND: TBR3_W067
TYPE: PFO

WETLAND: TBR3_W066
TYPE: PEM

PLAN VIEW
SCALE: 1"=100' (22X34)

SOUTH BROOK
WATERSHED

TKC
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

LAKEVILLE SHORES, INC.
T8_R3_WELS011

OVERHEAD NORTH
GENERATOR LEAD

WETLAND: TBR3_W069
TYPE: PEM

WETLAND: TBR3_W068
TYPE: PFO

REFER TO H105 FOR PLAN
AND PROFILE INFORMATION

PROPOSED 16' WIDE
ACCESS ROAD

401

DT GL3–01

TURBINE: H6
LAT: 46° 21' 5.921" N
LONG: 68° 2' 40.824" W
NORTHING: 979190.25
EASTING: 1099221.85
PED. ELEV: 1069.40

DT GL3–02

WETLAND: TBR3_W586
TYPE: PFO/PEM

TKD
THORNDIKE VERY ROCKY SILT LOAM
HSG: D

REFER TO H105 FOR PLAN
INFORMATION AND H105A
FOR PROFILE INFORMATION

PVC
PLAISTED AND HOWLAND
VERY STONY LOAMS
HSG: C

PLAN VIEW
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
6			
5			
4			
3			
2			
1			

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FA PROJECT NO.
140009
PROJECT MANAGER
S. MELLOTT
DRAWN BY:
DP/BA
SCALE
AS SHOWN
ISSUE DATE
JULY 2015

FISHER ASSOCIATES
WWW.FISHERASSOC.COM
135 Commercial Street, Suite 320, Portland, ME 04101
Phone: 207.775.3339

NUMBER NINE WIND FARM™

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD ACCESS ROAD PLAN - 1

DRAWING NO.
T450

SHEET 337 OF 338

FILE NAME: H:\Projects\140009-Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 T450-T451 Sheets.dwg
DATE/TIME: 7/10/2015 10:30:44 AM
USER: Steven Mellott

SOUTH BROOK WATERSHED

WETLAND: TBR3_W607
TYPE: PFO

WETLAND: TBR3_W556
TYPE: PFO

WETLAND: TBR3_W557
TYPE: PEM

RS GL4-01

TSC
THORNDIKE AND HOWLAND SOILS
HSG: C/D

PROPOSED 16' WIDE
ACCESS ROAD

EXISTING CONSTRUCTION
ACCESS ROAD

OVERHEAD NORTH
GENERATOR LEAD

THC
THORNDIKE SHALY SILT LOAM
HSG: D

LAKEVILLE SHORES, INC.
T8_R3_WELS011

PLAN VIEW
SCALE: 1"=100' (22X34)

AROOSTOOK TIMBERLANDS, LLC
HAMMOND031

HWG
HOWLAND VERY STONY LOAM
HSG: C/D

EXISTING
CONSTRUCTION
ACCESS ROAD

PROPOSED 16' WIDE
ACCESS ROAD

RS GL5-01

WETLAND: HAMM_W061
TYPE: PFO/PEM

STREAM: HAMM_S014
TYPE: PER

WETLAND: HAMM_W059
TYPE: PFO

WOSS: HAMM_W061
TYPE: PFO/PEM

B STREAM WATERSHED

STREAM: HAMM_S015
TYPE: PER

MRB
MONARDA-BUNHAM COMPLEX
HSG: D

WOSS: HAMM_W061
TYPE: PFO/PEM

RS GL5-02

OVERHEAD NORTH
GENERATOR LEAD

WETLAND: HAMM_W061
TYPE: PFO/PEM

PDC
PLAISTED GRAVELLY LOAM
HSG: C/D

WETLAND: HAMM_W062
TYPE: PFO

OVERHEAD STREAM
CROSSING NO DISTURBANCE
WITHIN STREAM BANKS

STREAM: HAMM_S016
TYPE: PER

HVC
HOWLAND VERY STONY LOAM
HSG: C/D

WETLAND: HAMM_W062
TYPE: PFO

PLAN VIEW
SCALE: 1"=100' (22X34)

HVB
HOWLAND VERY STONY LOAM
HSG: C/D

WETLAND: HAMM_W084
TYPE: PEM

B STREAM WATERSHED

RS GL6-01

PROPOSED 16' WIDE
ACCESS ROAD

EXISTING
CONSTRUCTION
ACCESS ROAD

ARC[illegible] LLC
HAMMOND031

OVERHEAD NORTH
GENERATOR LEAD

PLAN VIEW
SCALE: 1"=100' (22X34)

100 FEET 0 100 200 300
Scale: 1"=100'

REV	DESCRIPTION	DATE	BY
7			
6			
5			
4			
3			
2			
1			

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FA PROJECT NO.
140009

PROJECT MANAGER
S. MELLOTT

DRAWN BY:
DP/BA

SCALE
AS SHOWN

ISSUE DATE
JULY 2015

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NUMBER NINE WIND FARM

PROJECT
NUMBER NINE WIND FARM
AROOSTOOK COUNTY, MAINE
PRELIMINARY PLANS NOT FOR CONSTRUCTION

TITLE OF DRAWING
NORTH GENERATOR LEAD ACCESS ROAD PLAN - 2

DRAWING NO.
T451

SHEET 338 OF 338

FILE NAME: H:\Projects\140009--Num_Nine_Wind_Farm_ESA\Eng\CAD\CUT\140009 T450-T451 Sheets.dwg
DATE/TIME: 7/10/2015 10:37:01 AM
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