

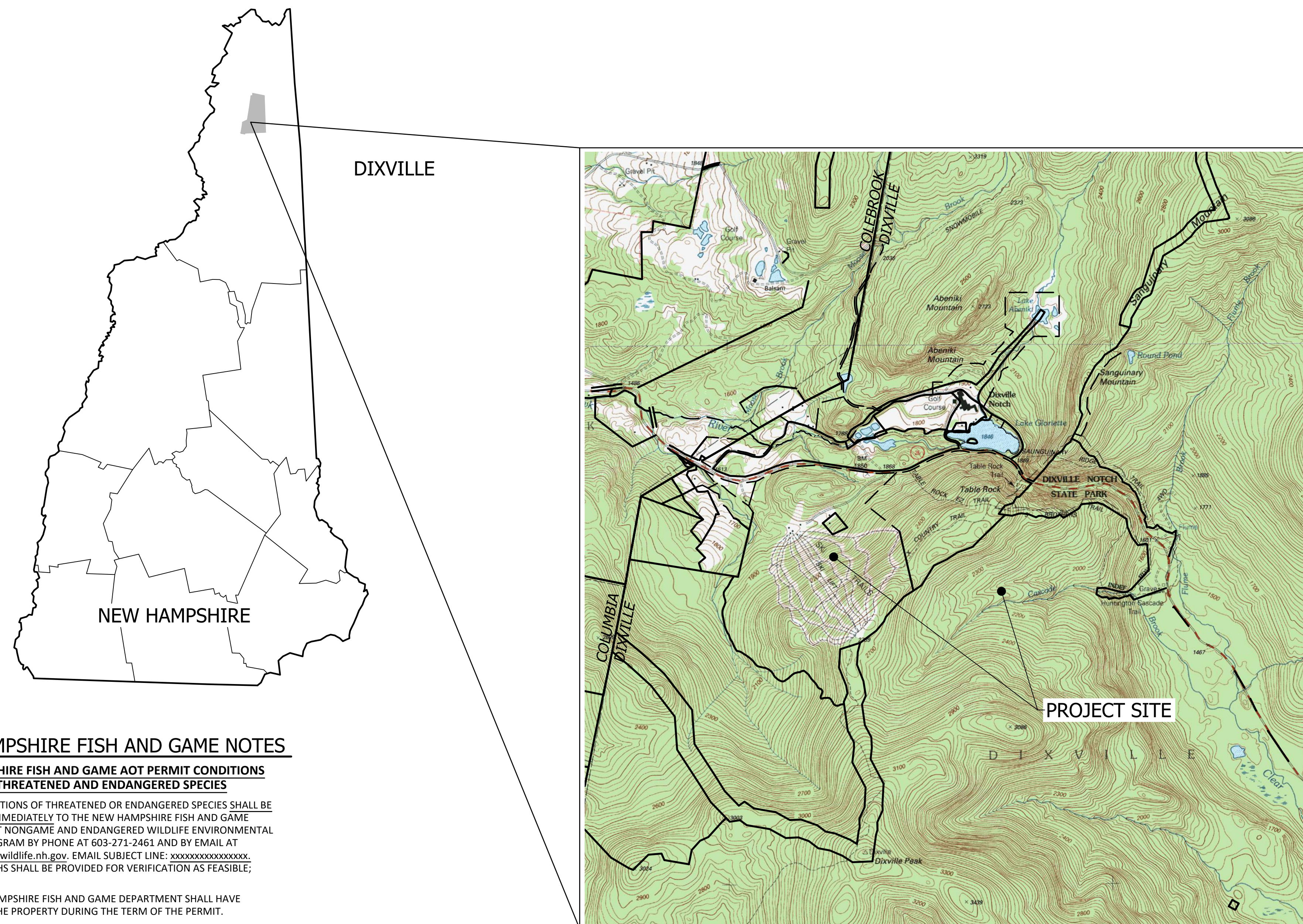
DIXVILLE CAPITAL, LLC

THE BALSAMS - SKI LIFTS AND TRAILS

ALTERATION OF TERRAIN APPLICATION

DIXVILLE, NEW HAMPSHIRE

FEBRUARY 2023



OWNER:



DIXVILLE CAPITAL, LLC
8 AIRPORT ROAD
BETHEL, ME 04217

ENGINEER & SURVEYOR:

horizons
Engineering

34 SCHOOL STREET
LITTLETON, NH 03561
(603) 444-4111



NEW HAMPSHIRE FISH AND GAME NOTES

NEW HAMPSHIRE FISH AND GAME AOT PERMIT CONDITIONS RELATED TO THREATENED AND ENDANGERED SPECIES

- ALL OBSERVATIONS OF THREATENED OR ENDANGERED SPECIES SHALL BE REPORTED IMMEDIATELY TO THE NEW HAMPSHIRE FISH AND GAME DEPARTMENT NONGAME AND ENDANGERED WILDLIFE ENVIRONMENTAL REVIEW PROGRAM BY PHONE AT 603-271-2461 AND BY EMAIL AT nhfreview@wildlife.nh.gov. EMAIL SUBJECT LINE: xxxxxxxxxxxxxxxxxx. PHOTOGRAPHS SHALL BE PROVIDED FOR VERIFICATION AS FEASIBLE; AND
- THE NEW HAMPSHIRE FISH AND GAME DEPARTMENT SHALL HAVE ACCESS TO THE PROPERTY DURING THE TERM OF THE PERMIT.
- ALL MANUFACTURED EROSION AND SEDIMENT CONTROL PRODUCTS, EXCEPT FOR SILT FENCE INSTALLED IN ACCORDANCE WITH ENV-WQ 1506.04, UTILIZED FOR, BUT NOT LIMITED TO, SLOPE PROTECTION, RUNOFF DIVERSION, SLOPE INTERRUPTION, PERIMETER CONTROL, INLET PROTECTION, CHECK DAMS, AND SEDIMENT TRAPS SHALL NOT CONTAIN WELDED PLASTIC, PLASTIC, OR MULTI-FILAMENT OR MONOFILAMENT POLYPROPYLENE NETTING OR MESH.

LOCATION PLAN

SCALE: 1" = 2000'

FOR REVIEW

DATE OF PRINT
FEBRUARY 16 2023
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WILDLIFE PROTECTION NOTES

- NEW HAMPSHIRE FISH AND GAME AOT PERMIT CONDITIONS IN ACCORDANCE WITH ENV-WQ 1504.18 - WILDLIFE PROTECTION NOTES:**
- COMMON LOON (STATE THREATENED) AND PEREGRINE FALCON (STATE THREATENED) OCCUR WITHIN THE VICINITY OF THE PROJECT AREA. SPECIES FACT SHEETS HAVE BEEN PROVIDED ABOVE.
 - NO BLASTING WORK SHALL OCCUR BETWEEN APRIL 1ST - AUGUST 15TH IN ORDER TO AVOID DISTURBANCE TO NESTING PEREGRINE FALCONS AND COMMON LOON.
 - NO WORK WITHIN LAKE GLORINETTE SHALL OCCUR DURING COMMON LOON BREEDING SEASON (MAY 1ST - AUGUST 15TH).
 - EACH YEAR, MONITORING OF COMMON LOONS AND DEPLOYMENT OF BEST MANAGEMENT PRACTICES SHALL BE COORDINATED WITH THE LOON PRESERVATION COMMITTEE AND NHFG. THESE PRACTICES SHALL INCLUDE THE FOLLOWING:
 - THE NEST SITE SHALL BE PROTECTED WITH A CLOSURE BARRIER DURING ACTIVE NESTING AND RECREATION ACCESS POINTS SHOULD INCLUDE SIGNAGE TO ALERT LAKE USERS TO APPROPRIATE ETIQUETTE AROUND LOONS. CLOSURES SHALL INVOLVE A PERIMETER OF FLOATING SIGNS AND ROPELINES, TYPICALLY 30-50 METERS FROM THE NEST.
 - THE NURSERY OR BROODING AREA SHALL BE PROTECTED WITH FLOATING SIGNS AND CONTINUED OUTREACH TO LAKE USERS. A PROVISIONAL DESIGNATED NURSERY AREA SHALL BE ESTABLISHED IN THE SOUTHWESTERN COVE OF LAKE GLORINETTE FOR FOUR WEEKS FOLLOWING HATCH AND SHALL REMAIN FREE OF WATERCRAFT AND OTHER LAKE USERS DURING THIS PERIOD (SEE ATTACHED DESIGNATEDNURSERYAREA.PNG).
 - RESPONSIBILITY FOR DEPLOYING FLOATING SIGNS AND CLOSURES SHALL BE ARRANGED BETWEEN LPC FIELD STAFF AND VOLUNTEERS, AND RESORT STAFF.
 - TREE CLEARING SHALL BE CONDUCTED OUTSIDE OF BAT PUP SEASON (JUNE 1ST-JULY 31ST). PLEASE NOTE ADDITIONAL RECOMMENDATIONS AND TIMING RESTRICTIONS MAY BE REQUIRED BY FEDERAL AGENCIES FOLLOWING THE RECENT LISTING OF NORTHERN LONG-EARED BATS AS ENDANGERED, EFFECTIVE JANUARY 30TH, 2023.
 - ALL MANUFACTURED EROSION AND SEDIMENT CONTROL PRODUCTS, WITH THE EXCEPTION OF TURF REINFORCEMENT MATS, UTILIZED FOR, BUT NOT LIMITED TO, SLOPE PROTECTION, RUNOFF DIVERSION, SLOPE INTERRUPTION, PERIMETER CONTROL, INLET PROTECTION, CHECK DAMS, AND SEDIMENT TRAPS SHALL NOT CONTAIN PLASTIC, OR MULTIFILAMENT OR MONOFILAMENT POLYPROPYLENE NETTING OR MESH WITH AN OPENING SIZE OF GREATER THAN 1/8 INCHES.
 - IN THE EVENT A THREATENED OR ENDANGERED SPECIES IS OBSERVED ON THE PROJECT SITE DURING THE TERM OF THE PERMIT, THE SPECIES SHALL NOT BE DISTURBED, HANDLED, OR HARMED IN ANY WAY PRIOR TO CONSULTATION WITH NHFG AND IMPLEMENTATION OF CORRECTIVE ACTIONS RECOMMENDED BY NHFG.
 - THE NHFG, INCLUDING ITS EMPLOYEES AND AUTHORIZED AGENTS, SHALL HAVE ACCESS TO THE PROPERTY DURING THE TERM OF THE PERMIT.

GENERAL NOTES

- NO EXISTING MONUMENTS, BOUNDS, OR BENCHMARKS SHALL BE DISTURBED WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.
- ALL WORK SHALL BE PERFORMED WITHIN THE PROPERTY OF, AND EASEMENTS SECURED BY, THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DATA COLLECTION AND PREPARATION OF RECORD DRAWINGS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTROLLING EROSION IN ALL AREAS DISTURBED BY HIS ACTIONS. COSTS FOR REQUIRED EROSION CONTROL, REGARDLESS OF WHETHER OR NOT SUCH MEASURES ARE SHOWN ON THE ENGINEERING DRAWINGS, SHALL BE BORNE BY HIM.
- UTILITY LOCATIONS ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR LOCATION AND PROTECTION OF EXISTING UTILITIES AND SHALL REPAIR ANY DAMAGE AS QUICKLY AS POSSIBLE AT HIS OWN EXPENSE. ALL UTILITIES ENCOUNTERED SHALL BE LOCATED BY DEPTH AND TIES AND SHOWN BY THE CONTRACTOR ON HIS "AS BUILT" DRAWINGS. HAND EXCAVATION SHALL BE DONE WHEREVER UNDERGROUND UTILITIES ARE SHOWN OR ANTICIPATED. THE CONTRACTOR SHALL CONTACT DIG SAFE AND THE APPROPRIATE AUTHORITIES PRIOR TO ANY CONSTRUCTION IN ORDER TO VERIFY EXISTING CONDITIONS AND UTILITY LOCATIONS.
- BASE MAP INFORMATION INCLUDING BOUNDARY AND TOPOGRAPHY ON THESE PLANS IS FROM PLANS PREPARED BY HORIZONS ENGINEERING, INC.
- WETLAND DELINEATION BY NORMANDEAU ASSOCIATES, INC.
- SOIL DELINEATION IS FROM NRCS.
- PROJECT VERTICAL DATUM-NAVD 88. PROJECT BENCHMARK IS A 5/8" REBAR (CAP 947), SET BETWEEN TWO BOULDERS ADJACENT TO THE PARKING LOT ON THE NORTH SIDE OF COLD SPRING ROAD.
- NO BLASTING SHALL OCCUR BETWEEN APRIL 1ST THROUGH MEMORIAL DAY IN ORDER TO ENSURE SUCCESSFUL NESTING OPPORTUNITIES FOR ENDANGERED SPECIES (PEREGRINE FALCONS) ON THE ADJACENT CLIFFS.

SHEET INDEX

- C-001 COVER
- C-002 LEGEND, GENERAL NOTES, SHEET INDEX

EXISTING CONDITIONS PLANS

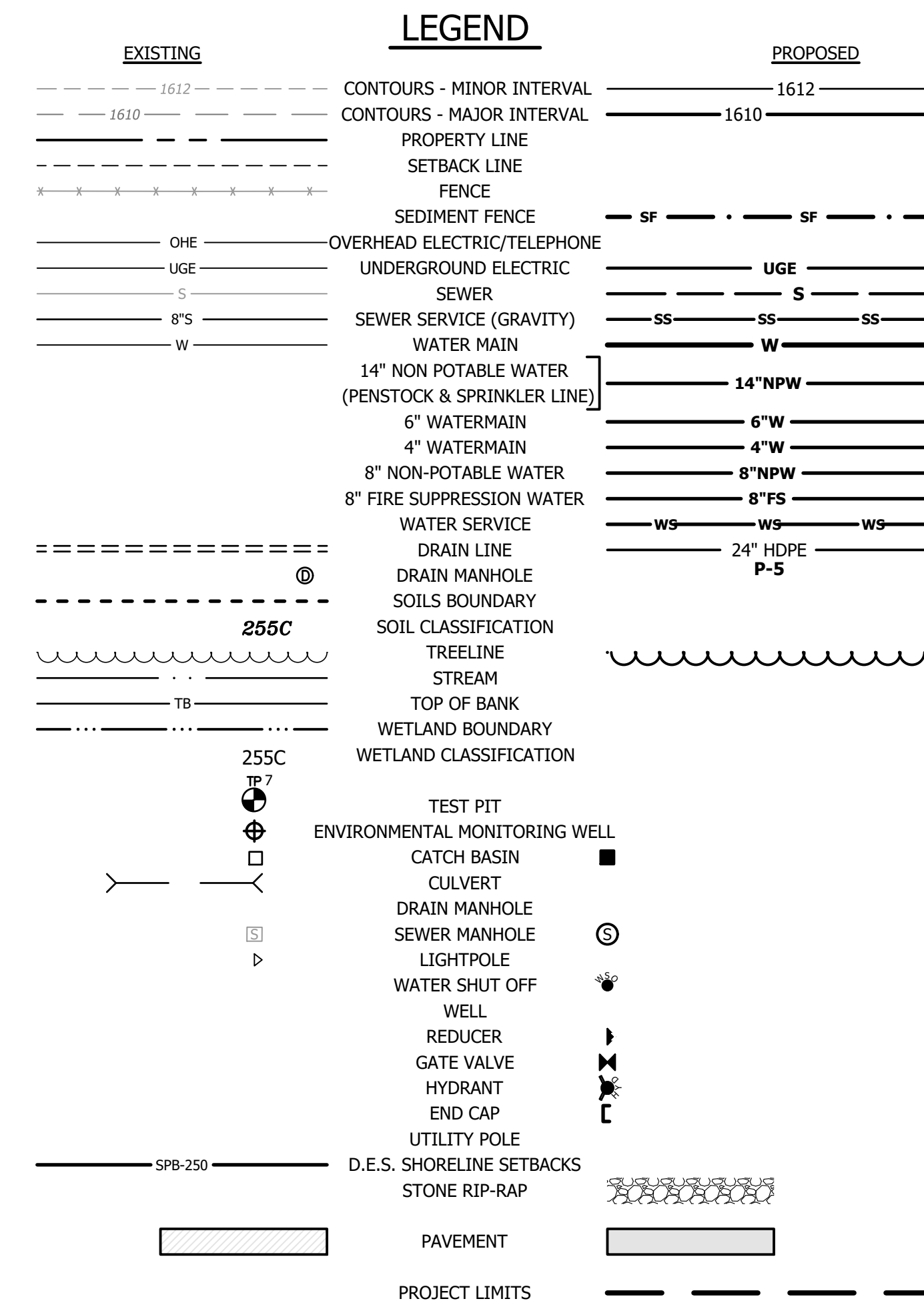
- EC-100 OVERVIEW AND SHEET LAYOUT
- EC-101 EXISTING CONDITIONS PLANS - 100 SCALE
- THRU
- EC-118

SITE PLANS

- C-100 OVERVIEW AND SHEET LAYOUT
- C-101 SKI TRAIL CLEARING & GRADING
- THRU
- C-118
- C-119 WETLAND IMPACT SUMMARY TABLE

DETAIL SHEETS

- D-101 EROSION CONTROL NOTES AND DETAILS
- D-102 EROSION CONTROL NOTES AND DETAILS
- D-103 EROSION CONTROL NOTES AND DETAILS



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 LEGEND, GENERAL NOTES, SHEET INDEX

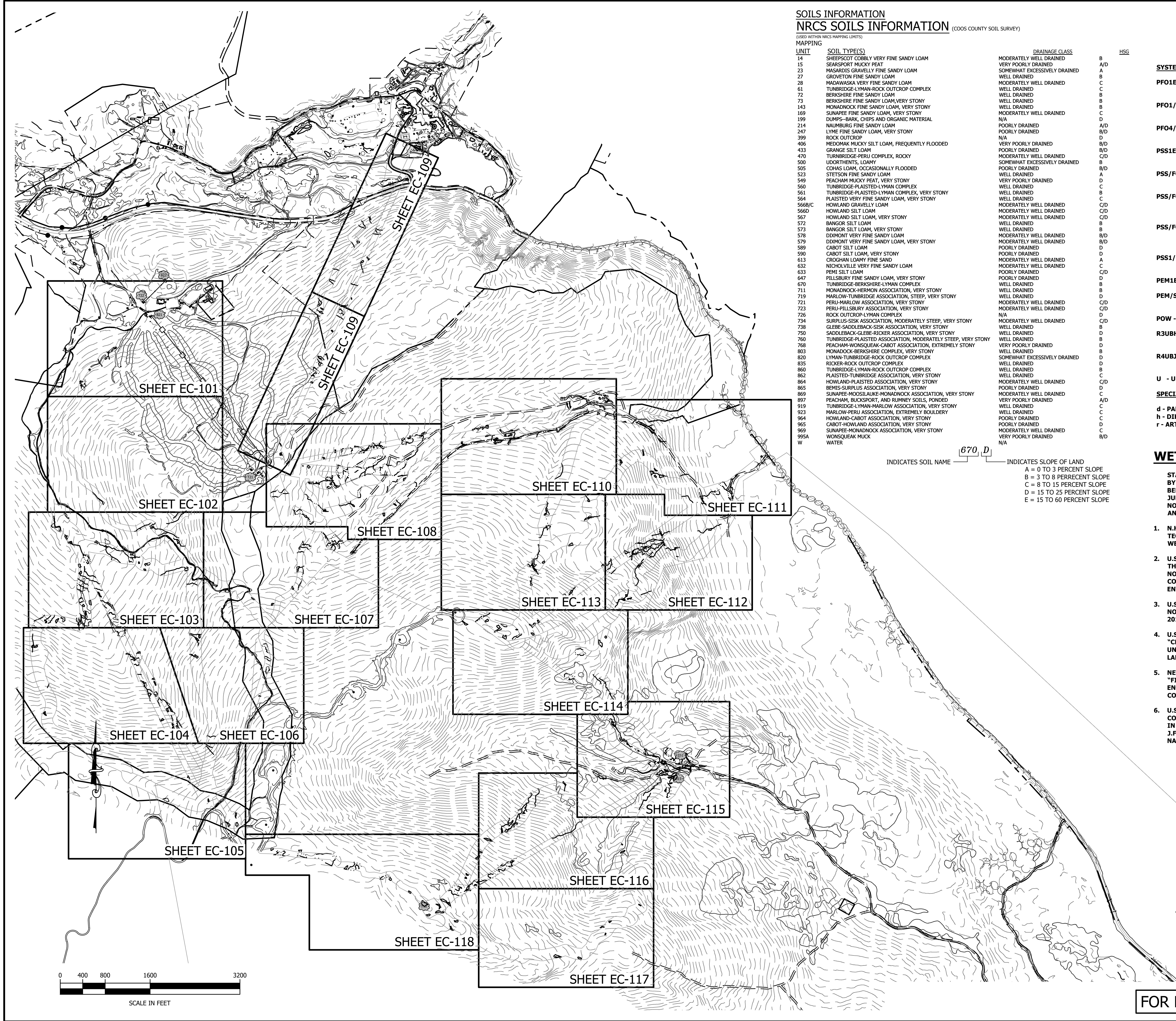
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C-002

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SOILS INFORMATION
NRCS SOILS INFORMATION (COOS COUNTY SOIL SURVEY)

(USED WITHIN MAPS/MAPPING LIMITS)

UNIT	SOIL TYPE(S)	DRAINAGE CLASS	HSG
14	SHEEPSKOT COBBLY VERY FINE SANDY LOAM	MODERATELY WELL DRAINED	B
15	SEARSPORT MUCKY PEAT	VERY POORLY DRAINED	A/D
23	MACARDIS GRAVELLY FINE SANDY LOAM	SOMEWHAT EXCESSIVELY DRAINED	A
27	GROVETON FINE SANDY LOAM	WELL DRAINED	A
28	MADAWASKA VERY FINE SANDY LOAM	MODERATELY WELL DRAINED	C
61	TUNBRIDGE-LYMAN-ROCK OUTCROP COMPLEX	WELL DRAINED	C
72	BERKSHIRE FINE SANDY LOAM	WELL DRAINED	B
73	BERKSHIRE FINE SANDY LOAM, VERY STONY	WELL DRAINED	B
143	MONADNOCK FINE SANDY LOAM, VERY STONY	WELL DRAINED	B
169	SUNAPEE FINE SANDY LOAM, VERY STONY	MODERATELY WELL DRAINED	B
199	DUMPS-BARK, CHIPS AND ORGANIC MATERIAL	N/A	C
214	NAUMBURG FINE SANDY LOAM	POORLY DRAINED	A/D
247	LYME FINE SANDY LOAM, VERY STONY	POORLY DRAINED	B/D
399	ROCK OUTCROP	N/A	D
406	MEDOMAK MUCKY SILT LOAM, FREQUENTLY FLOODED	VERY POORLY DRAINED	B/D
433	GRANGE SILT LOAM	POORLY DRAINED	B/D
470	TUNBRIDGE-PERU COMPLEX, ROCKY	MODERATELY WELL DRAINED	C/D
500	LIDORTHEMUS LOAMY	SOMEWHAT EXCESSIVELY DRAINED	C/D
505	COHAS LOAM, OCCASIONALLY FLOODED	POORLY DRAINED	B/D
523	STETSON FINE SANDY LOAM	WELL DRAINED	A
549	PEACHAM MUCKY PEAT, VERY STONY	VERY POORLY DRAINED	B
560	TUNBRIDGE-PLAISTED-LYMAN COMPLEX	WELL DRAINED	C
561	TUNBRIDGE-PLAISTED-LYMAN COMPLEX, VERY STONY	WELL DRAINED	C
564	PLAISTED VERY FINE SANDY LOAM, VERY STONY	WELL DRAINED	B
566C	HOWLAND GRAVELLY LOAM	MODERATELY WELL DRAINED	C/D
566D	HOWLAND SILT LOAM	MODERATELY WELL DRAINED	C/D
567	HOWLAND SILT LOAM, VERY STONY	MODERATELY WELL DRAINED	C/D
572	BANGOR SILT LOAM	WELL DRAINED	B
573	BANGOR SILT LOAM, VERY STONY	WELL DRAINED	B
578	DDMONT VERY FINE SANDY LOAM	MODERATELY WELL DRAINED	B/D
579	DDMONT VERY FINE SANDY LOAM, VERY STONY	MODERATELY WELL DRAINED	B/D
589	CABOT SILT LOAM	POORLY DRAINED	D
590	CABOT SILT LOAM, VERY STONY	POORLY DRAINED	D
613	CROGHAN LOAMY FINE SAND	MODERATELY WELL DRAINED	C
632	NICHOLVILLE VERY FINE SANDY LOAM	MODERATELY WELL DRAINED	C
633	PERU SILT LOAM	POORLY DRAINED	D
647	PILLSBURY FINE SANDY LOAM, VERY STONY	POORLY DRAINED	D
670	TUNBRIDGE-BERKSHIRE-LYMAN COMPLEX	WELL DRAINED	B
711	MONADNOCK-HERMON ASSOCIATION, VERY STONY	WELL DRAINED	B
719	MARLOW-TUNBRIDGE ASSOCIATION, STEEP, VERY STONY	WELL DRAINED	D
721	PERU-MARLOW ASSOCIATION, VERY STONY	MODERATELY WELL DRAINED	C/D
723	PERU-PILLSBURY ASSOCIATION, VERY STONY	MODERATELY WELL DRAINED	C/D
726	ROCK OUTCROP-LYMAN COMPLEX	N/A	D
734	SURPLUS-SISK ASSOCIATION, MODERATELY STEEP, VERY STONY	MODERATELY WELL DRAINED	D
738	GLEBE-SADDLEBACK-SISK ASSOCIATION, VERY STONY	WELL DRAINED	B
750	SADDLEBACK-GLEBE-RICKER ASSOCIATION, VERY STONY	WELL DRAINED	B
760	TUNBRIDGE-PLAISTED ASSOCIATION, MODERATELY STEEP, VERY STONY	WELL DRAINED	B
768	PEACHAM-WONSQUEAK-CABOT ASSOCIATION, EXTREMELY STONY	VERY POORLY DRAINED	D
803	MONADNOCK-BERKSHIRE COMPLEX, VERY STONY	WELL DRAINED	B
820	LYMAN-TUNBRIDGE-ROCK OUTCROP COMPLEX	SOMEWHAT EXCESSIVELY DRAINED	D
835	RICKER-ROCK OUTCROP COMPLEX	WELL DRAINED	B
860	TUNBRIDGE-LYMAN-ROCK OUTCROP COMPLEX	WELL DRAINED	B
862	PLAISTED-TUNBRIDGE ASSOCIATION, VERY STONY	WELL DRAINED	B
864	HOWLAND-PLAISTED ASSOCIATION, VERY STONY	MODERATELY WELL DRAINED	C/D
865	BEMIS-SURPLUS ASSOCIATION, VERY STONY	POORLY DRAINED	C
869	SUNAPEE-MOOSILAUKE-MONADNOCK ASSOCIATION, VERY STONY	MODERATELY WELL DRAINED	A/D
897	PEACHAM, BUCKSPORT, AND RUNNEY SOILS, PONDED	VERY POORLY DRAINED	A/D
919	TUNBRIDGE-LYMAN-MARLOW ASSOCIATION, VERY STONY	WELL DRAINED	A/D
923	MARLOW-PERU ASSOCIATION, EXTREMELY BOULDERY	WELL DRAINED	C
964	HOWLAND-CABOT ASSOCIATION, VERY STONY	POORLY DRAINED	C
965	CABOT-HOWLAND ASSOCIATION, VERY STONY	POORLY DRAINED	C
969	SUNAPEE-MONADNOCK ASSOCIATION, VERY STONY	MODERATELY WELL DRAINED	B
995A	WONSQUEAK MUCK	VERY POORLY DRAINED	B/D
W	WATER	N/A	B/D

INDICATES SOIL NAME **670, D** INDICATES SLOPE OF LAND
 A = 0 TO 3 PERCENT SLOPE
 B = 3 TO 8 PERCENT SLOPE
 C = 8 TO 15 PERCENT SLOPE
 D = 15 TO 25 PERCENT SLOPE
 E = 15 TO 60 PERCENT SLOPE

WETLAND CLASSIFICATION LEGEND

SYSTEM, CLASS, SUBCLASS, WATER REGIME	DESCRIPTION
PFO1E	PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS, SEASONALLY FLOODED/SATURATED
PFO1/4E	PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS/NEEDLE-LEAVED EVERGREEN, SEASONALLY FLOODED/SATURATED
PFO4/1E	PALUSTRINE FORESTED NEEDLE-LEAVED EVERGREEN/BROAD-LEAVED DECIDUOUS, SEASONALLY FLOODED/SATURATED
PSS1E	PALUSTRINE SCRUB-SHRUB BROAD-LEAVED DECIDUOUS, SEASONALLY FLOODED/SATURATED
PSS/FO1E	PALUSTRINE SCRUB-SHRUB/FORESTED, BROAD-LEAVED DECIDUOUS, SEASONALLY FLOODED/SATURATED
PSS/FO1/4E	PALUSTRINE SCRUB-SHRUB/FORESTED, BROAD-LEAVED DECIDUOUS/NEEDLE-LEAVED EVERGREEN, SEASONALLY FLOODED/SATURATED
PSS/FO4/1E	PALUSTRINE SCRUB-SHRUB/FORESTED, NEEDLE-LEAVED EVERGREEN/BROAD-LEAVED DECIDUOUS, SEASONALLY FLOODED/SATURATED
PSS1/FO5E	PALUSTRINE SCRUB-SHRUB, BROAD-LEAVED DECIDUOUS/FORESTED, DEAD, SEASONALLY FLOODED/SATURATED
PEM1E	PALUSTRINE PERSISTENT EMERGENT, SEASONALLY FLOODED/SATURATED
PEM/SS1E	PALUSTRINE PERSISTENT EMERGENT/SCRUB-SHRUB, BROAD-LEAVED DECIDUOUS, SEASONALLY FLOODED/SATURATED
POW	PALUSTRINE OPEN WATER
R3UBH	RIVERINE UPPER PERENNIAL, UNCONSOLIDATED BOTTOM, PERMANENTLY FLOODED
R4UBJ	RIVERINE INTERMITTENT, UNCONSOLIDATED BOTTOM, INTERMITTENTLY FLOODED
U	UPLAND

SPECIAL MODIFIERS

d - PARTIALLY DRAINED/DITCHED b - BEAVER
 h - DIKED/IMPOUNDED x - EXCAVATED
 r - ARTIFICIAL SUBSTRATE

WETLAND NOTES

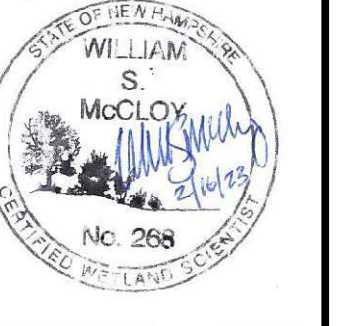
- STATE AND FEDERAL JURISDICTIONAL WETLANDS WERE DELINEATED BY NH CERTIFIED WETLAND SCIENTISTS WILLIAM MCCLOY (#268), BENJAMIN GRIFFITH (#298) AND CATTILIN BANASZAK (#311) BETWEEN JULY 18 AND SEPTEMBER 20, 2022. WETLAND MAPPING WAS DONE BY NORMANDEAU USING GLOBAL POSITIONING SURVEY (GPS) METHODS AND IN ACCORDANCE WITH THE FOLLOWING GUIDANCE DOCUMENTS:
- N.H. CODE OF ADMINISTRATIVE RULES (ENV-WT 406.01(a)) WITH THE TECHNIQUES OUTLINED IN THE 1987 "U.S. ARMY CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, TECHNICAL REPORT Y-87-1."
 - U.S. ARMY CORPS OF ENGINEERS. 2012. "REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH CENTRAL AND NORTHEAST REGION (VERSION 2.0). U.S. ARMY CORPS OF ENGINEERS RESEARCH AND DEVELOPMENT CENTER, ENVIRONMENTAL LABORATORY ERDC/EL TR-09-19."
 - U.S. ARMY CORPS OF ENGINEERS. 2016. "NORTH CENTRAL AND NORTHEAST 2016 REGIONAL WETLAND PLANT LIST, VERSION 3.3, 2016"
 - U.S. FISH AND WILDLIFE SERVICE MANUAL FWS/OBS-79/31 ENTITLED "CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES", ADAPTED FROM COWARDIN, CARTER, GOLET AND LAROE (1979), AUGUST 2013, FGDC - STD-004-2013.
 - NEW ENGLAND HYDRIC SOILS TECHNICAL COMMITTEE. 2017. 4th ED., "FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND." NEW ENGLAND INTERSTATE WATER POLLUTION CONTROL COMMISSION, LOWELL, MA.
 - U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCE CONSERVATION SERVICE. 2018. "FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 8.2." L.M. VASILAS, G.W. HURT, AND J.F. BERKOWITZ (EDS.), USDA, NRCS, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.

SURVEY NOTES

THE WETLANDS FLAGS AS DELINEATED WERE FIELD SURVEYED USING SUB-METER HANDHELD GPS METHODS WITH REAL-TIME CORRECTION FROM ONLINE BASE STATIONS. ALL POSITIONS ARE BASED ON THE NEW HAMPSHIRE STATE PLANE, NAD83 (GRID NORTH).

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NORMANDEAU ASSOCIATES INC.
 ENVIRONMENTAL CONSULTANTS
 25 Neethua Road Bedford, New Hampshire 03110-5500



PROJECT #: 17056 / 220115
 DATE: FEB 16 2023
 MAP LOT (OR ARCHIVE)
 SURVEYED BY: HET
 ENGINEERED BY: NORM-BG
 DRAWN BY: KRP/SJB
 CHECKED BY: NORM-1WM

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EXISTING CONDITIONS PLAN
 EC-100

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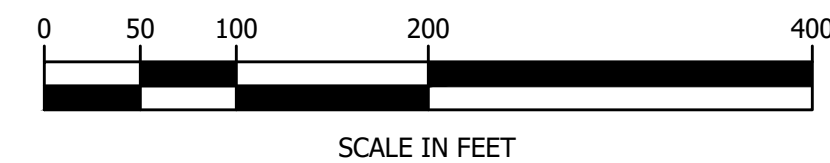
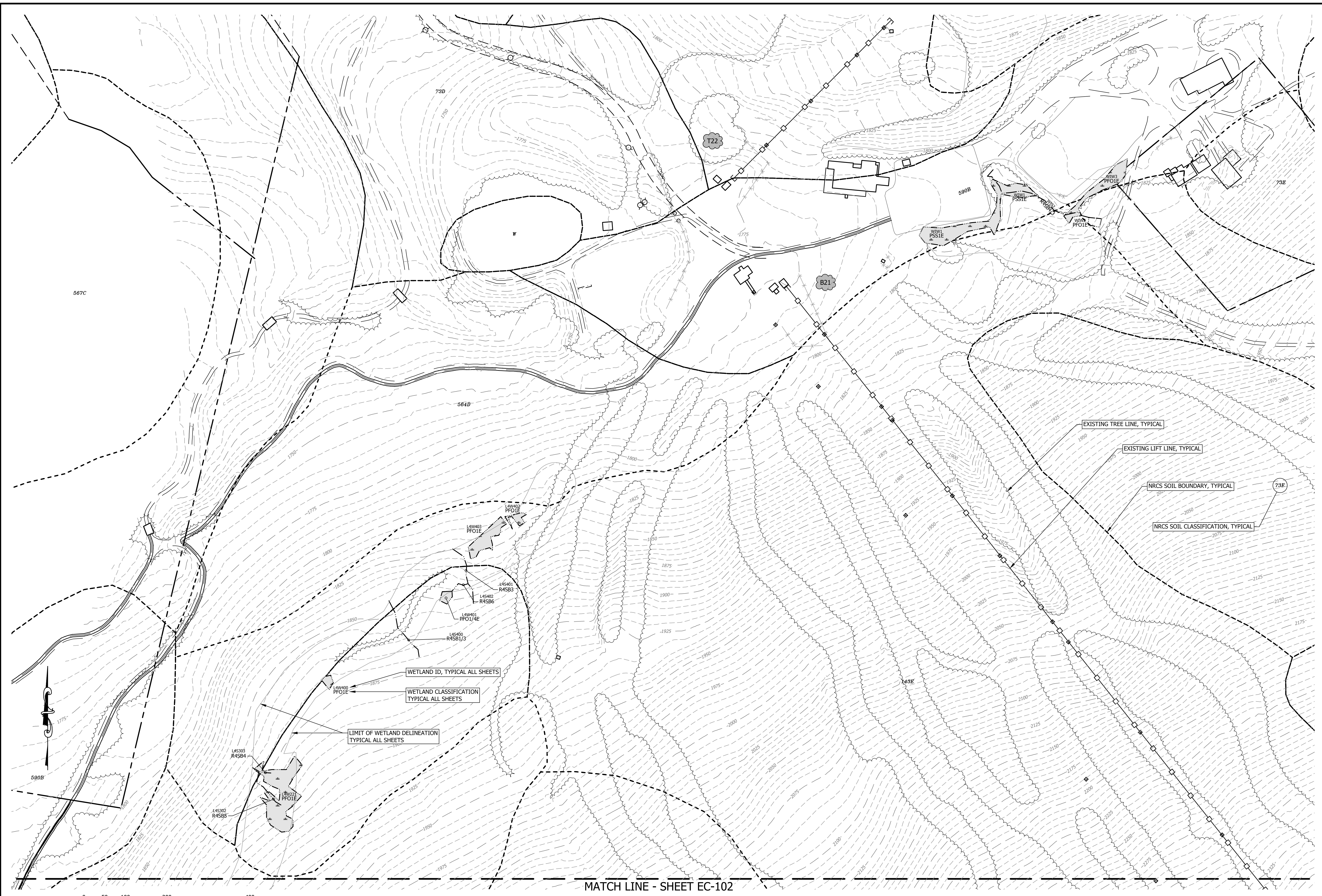


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CHECKED BY:	NORM-AM

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EC-101



MATCH LINE - SHEET EC-102

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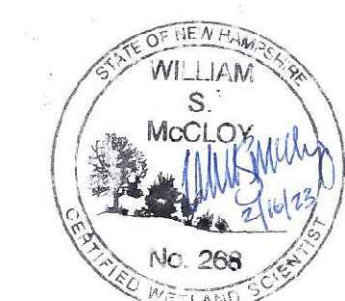
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MATCH LINE - SHEET EC-101

MATCH LINE - SHEET EC-103



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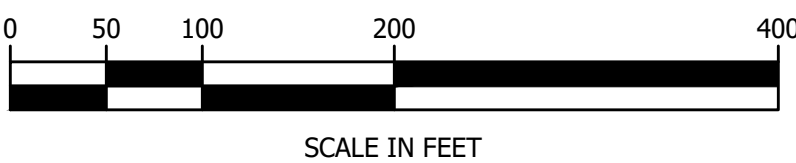
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EXISTING CONDITIONS PLAN

EC-102



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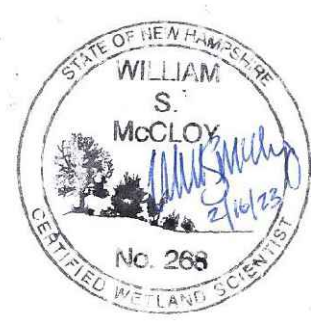
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MATCH LINE - SHEET EC-102

MATCH LINE - SHEET EC-104



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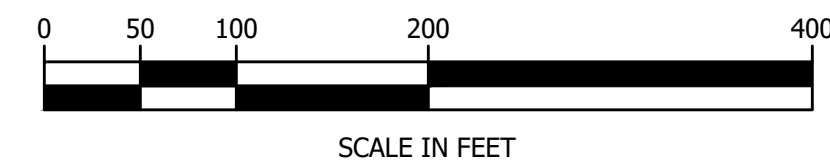
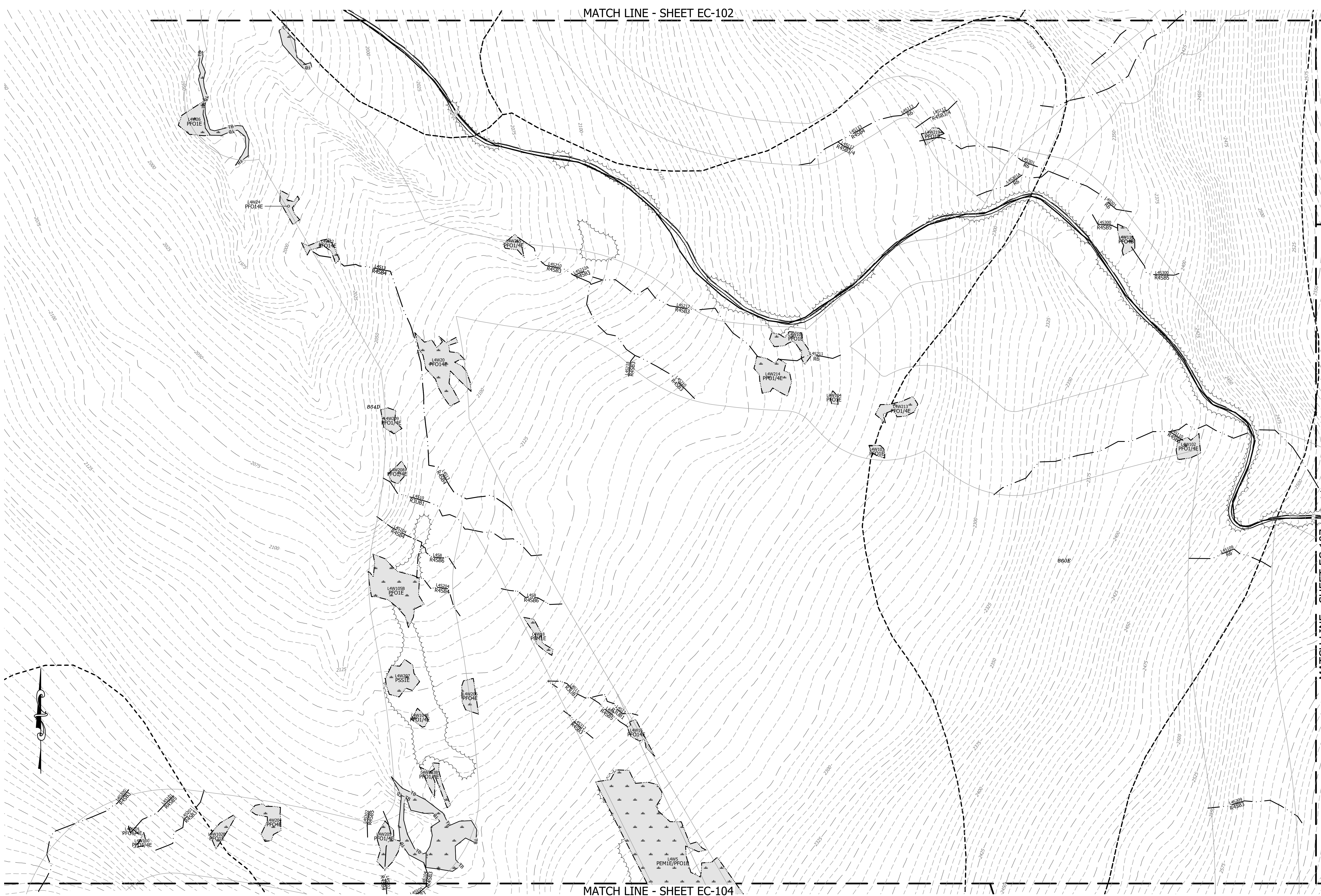


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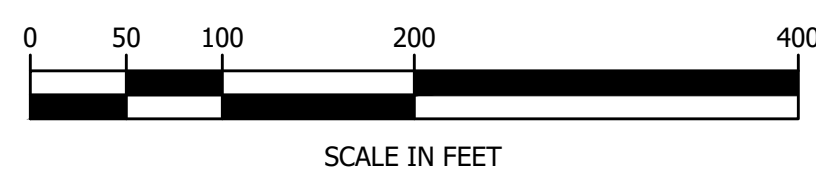


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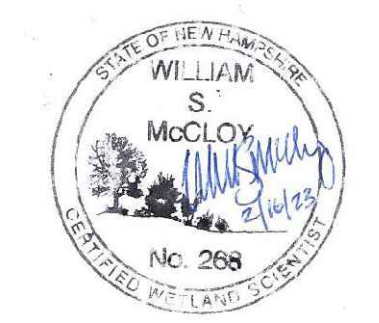
MATCH LINE - SHEET EC-106

MATCH LINE - SHEET EC-105



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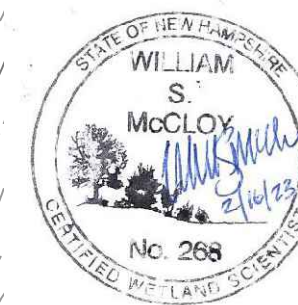
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MATCH LINE - SHEET EC-104

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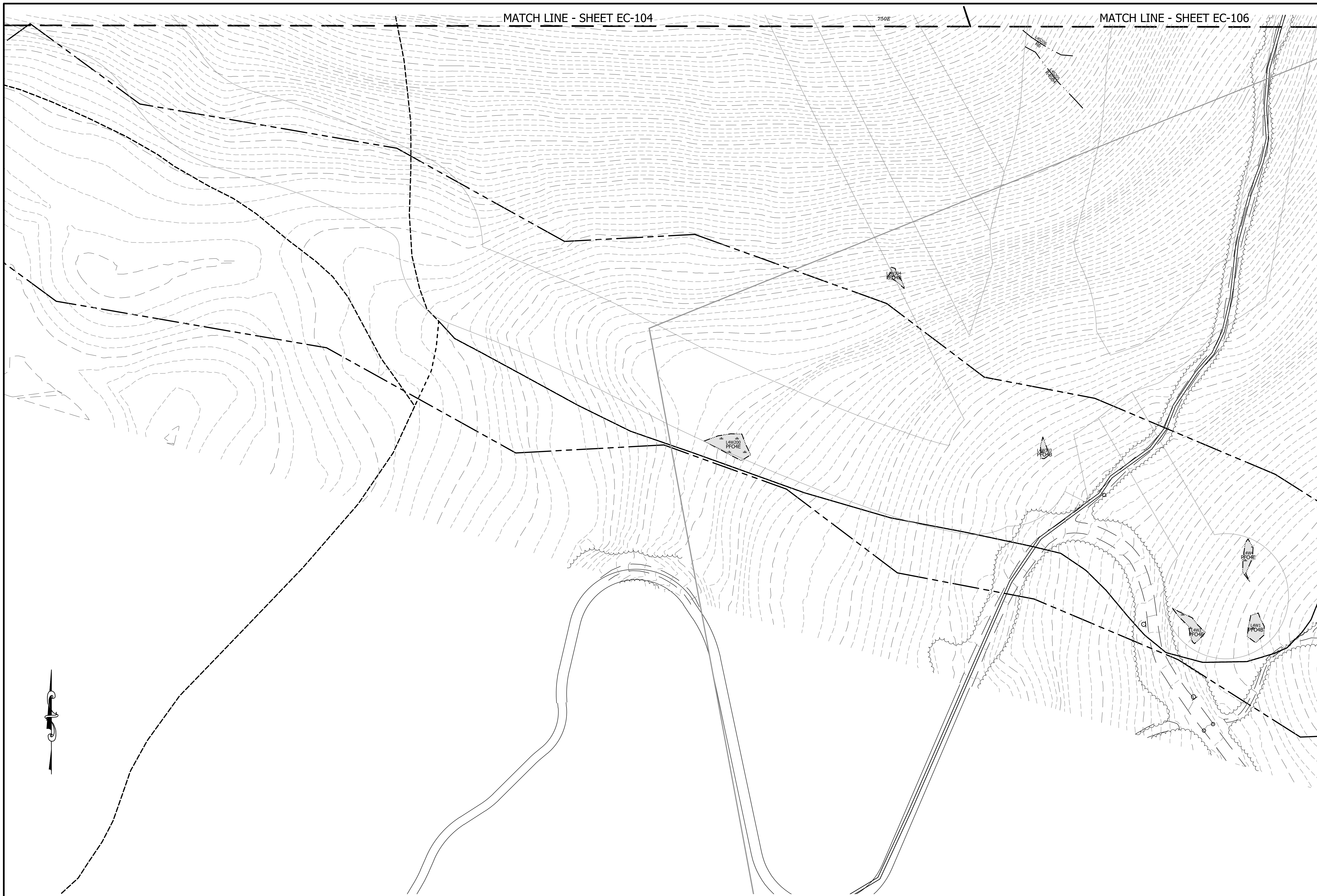
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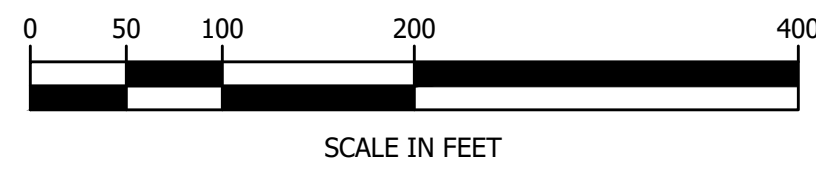
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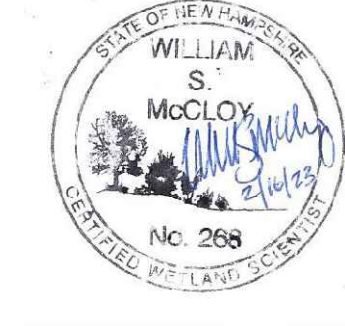
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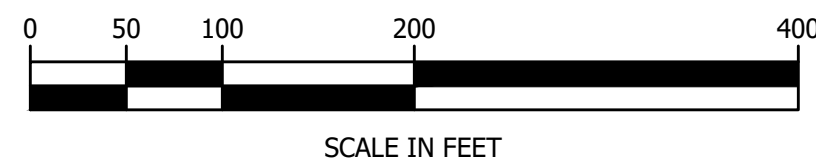
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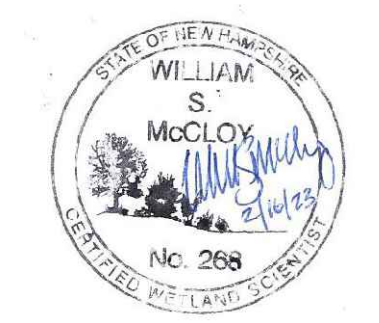


MATCH LINE - SHEET EC-106

MATCH LINE - SHEET EC-103

MATCH LINE - SHEET EC-108

MATCH LINE - SHEET EC-108



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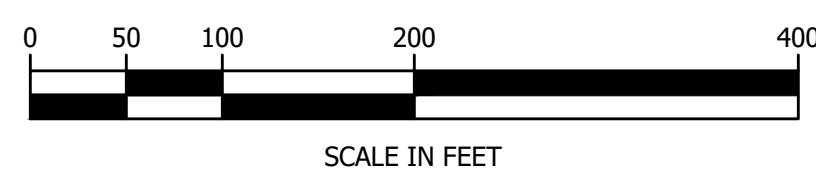
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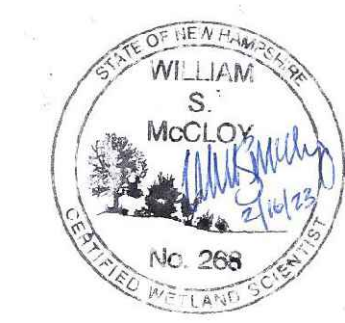
MATCH LINE - SHEET EC-110

MATCH LINE - SHEET EC-113



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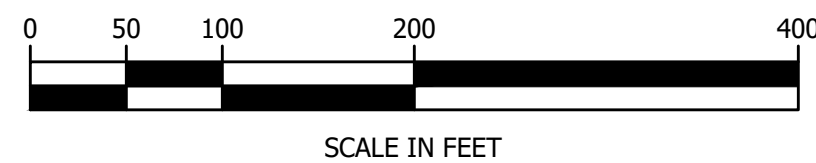
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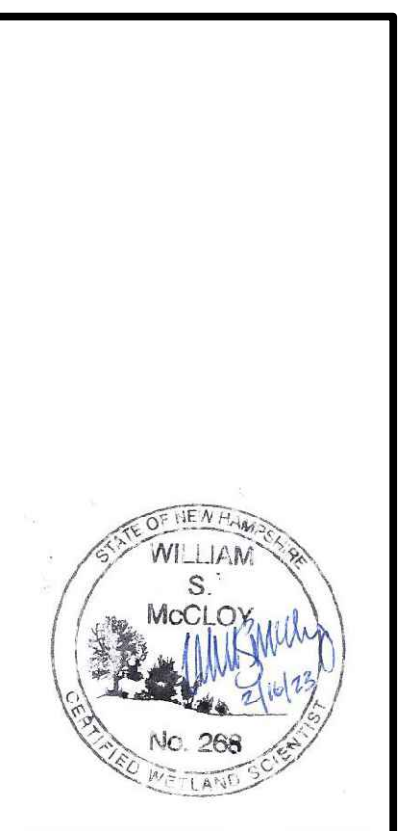
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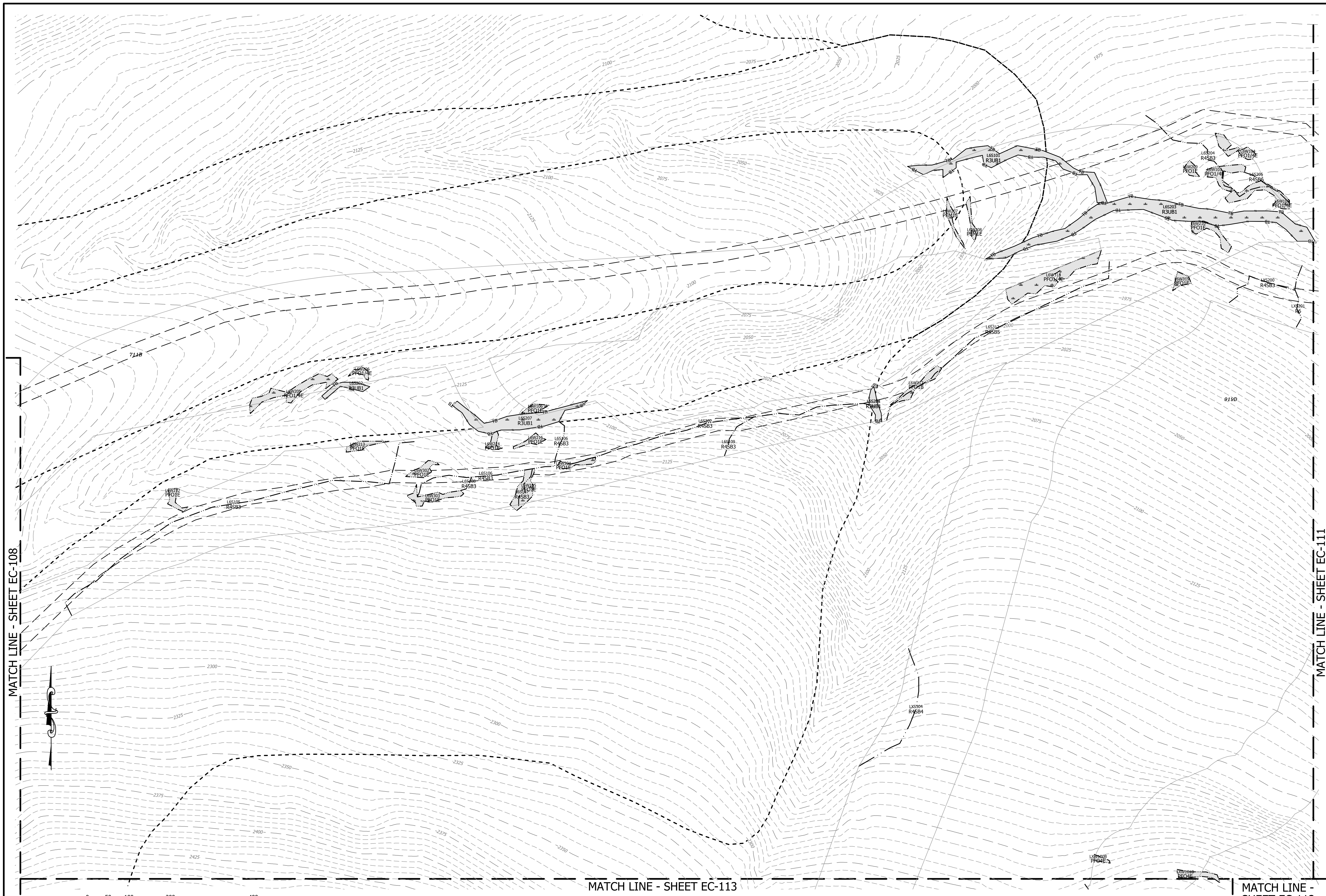
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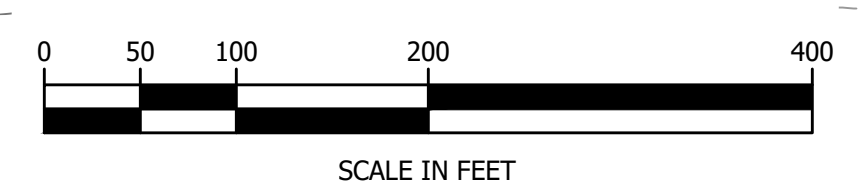


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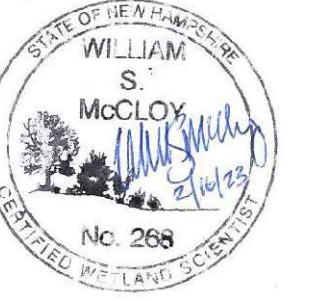


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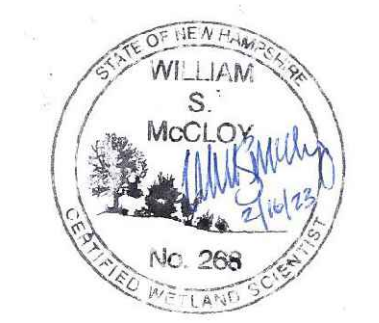
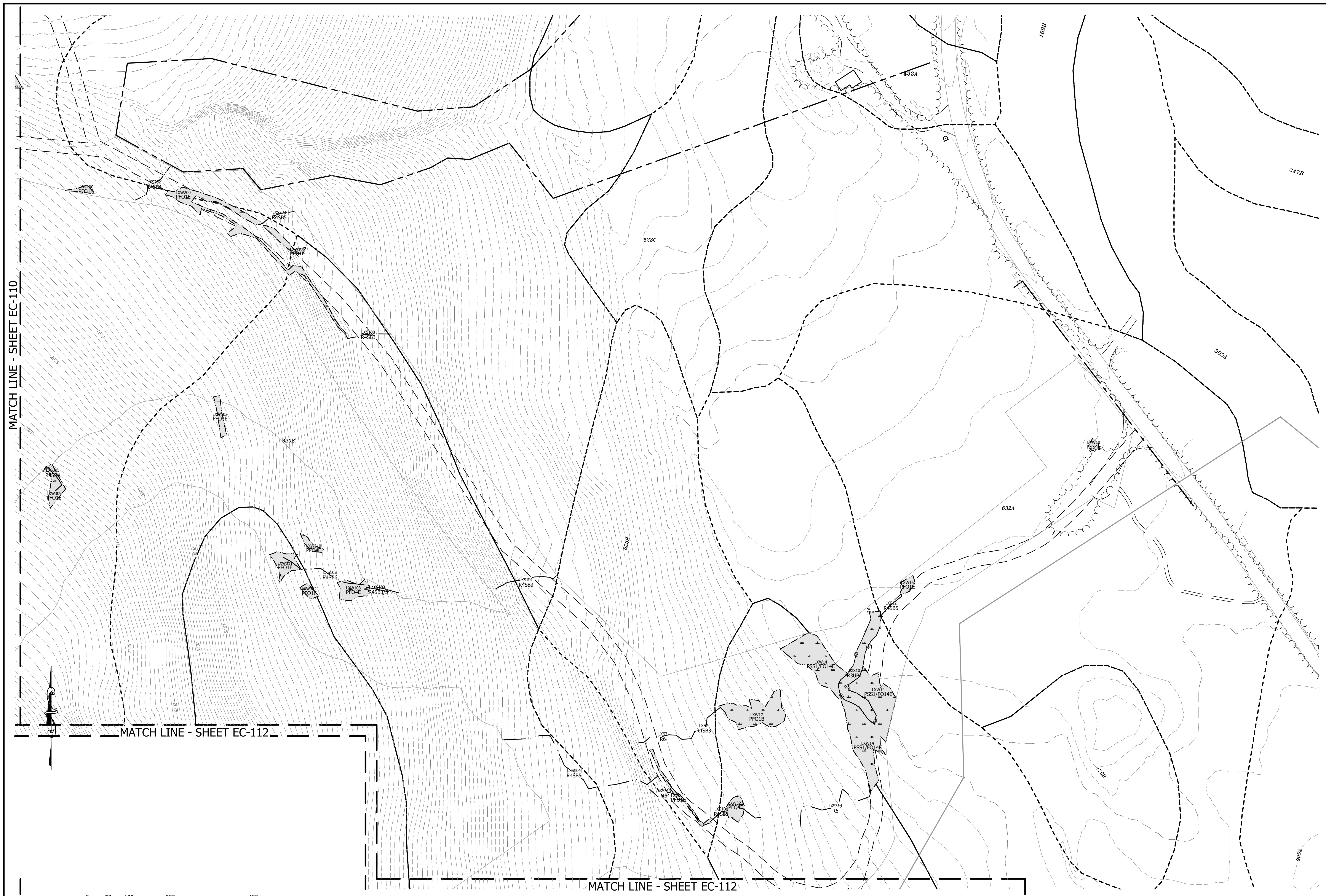
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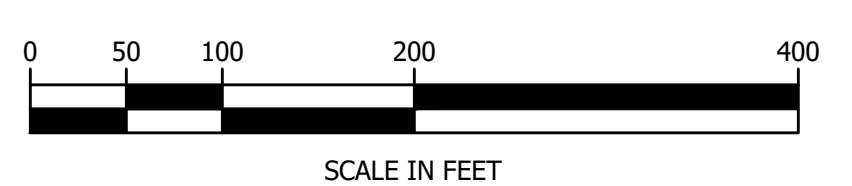


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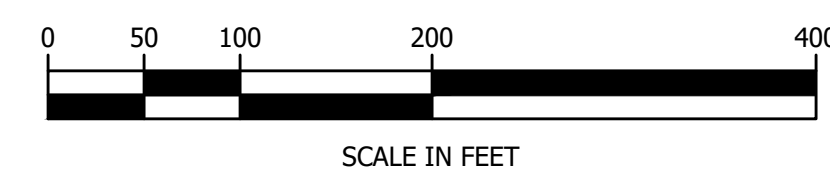
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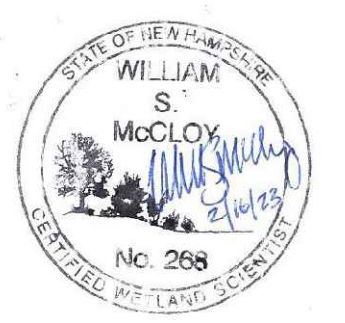
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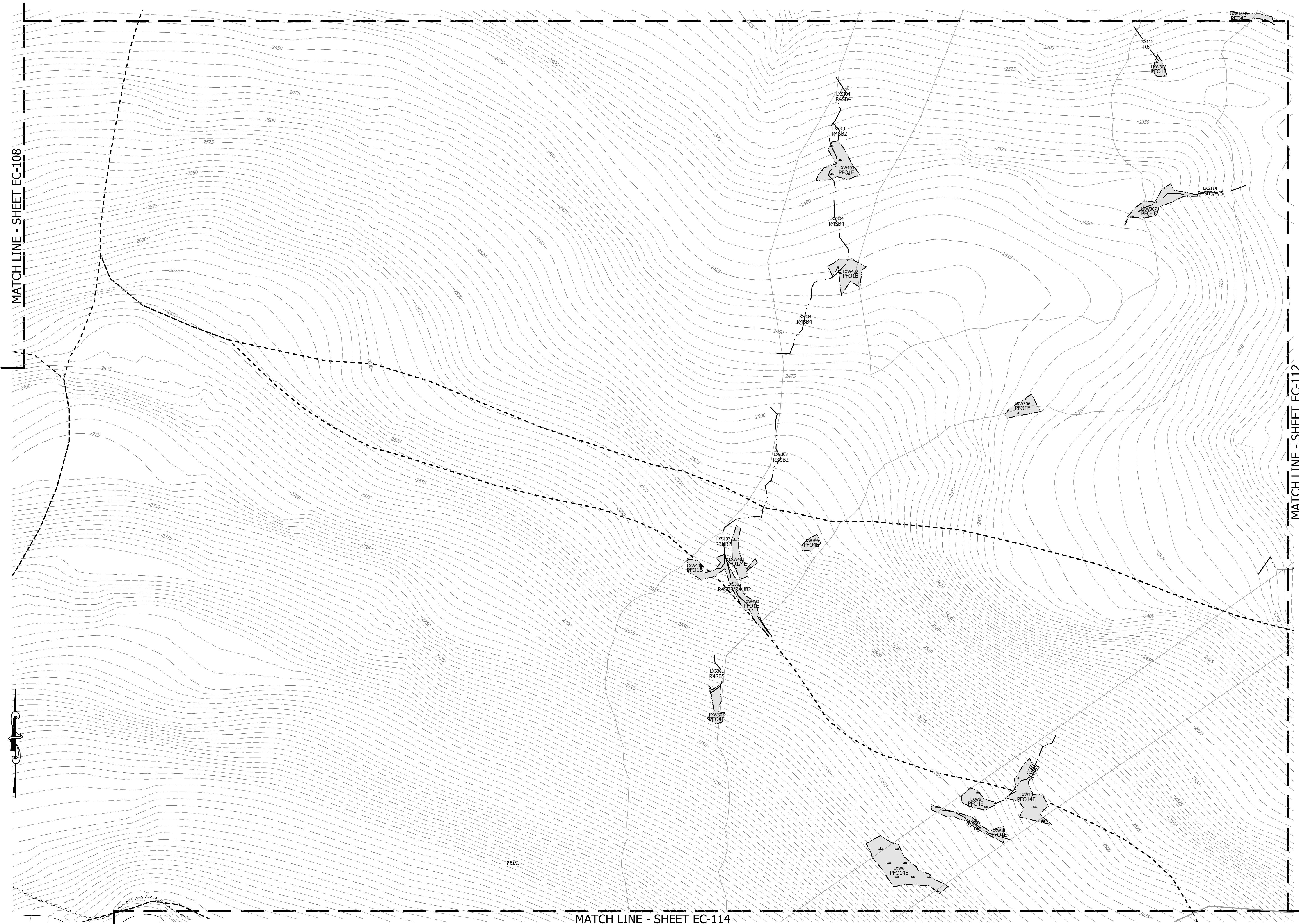


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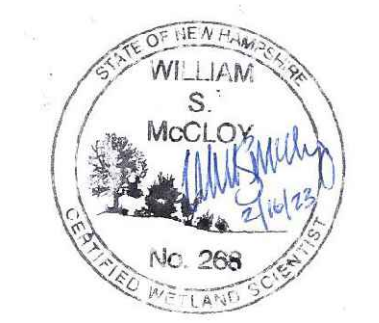
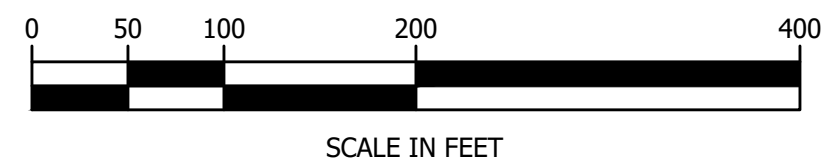
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MATCH LINE - SHEET EC-108

MATCH LINE - SHEET EC-112

MATCH LINE - SHEET EC-114



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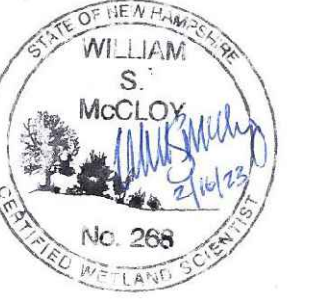
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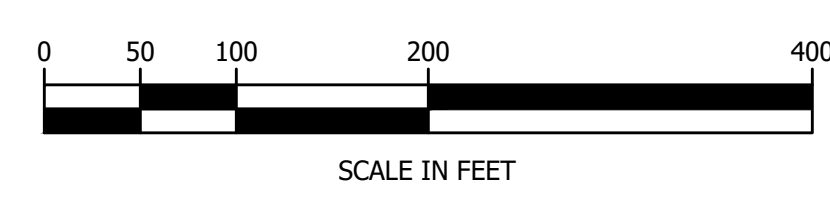
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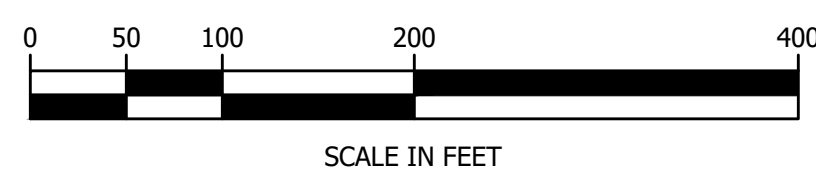
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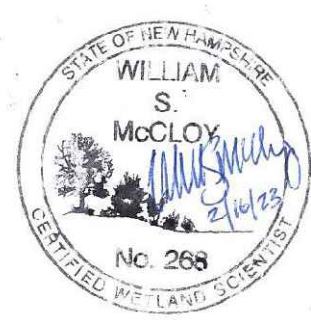
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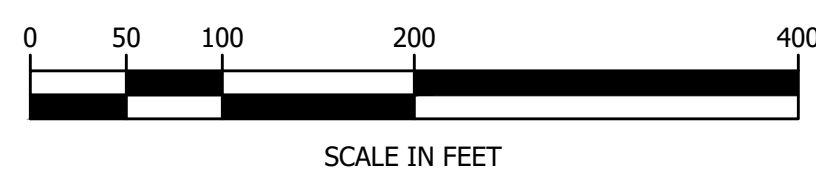
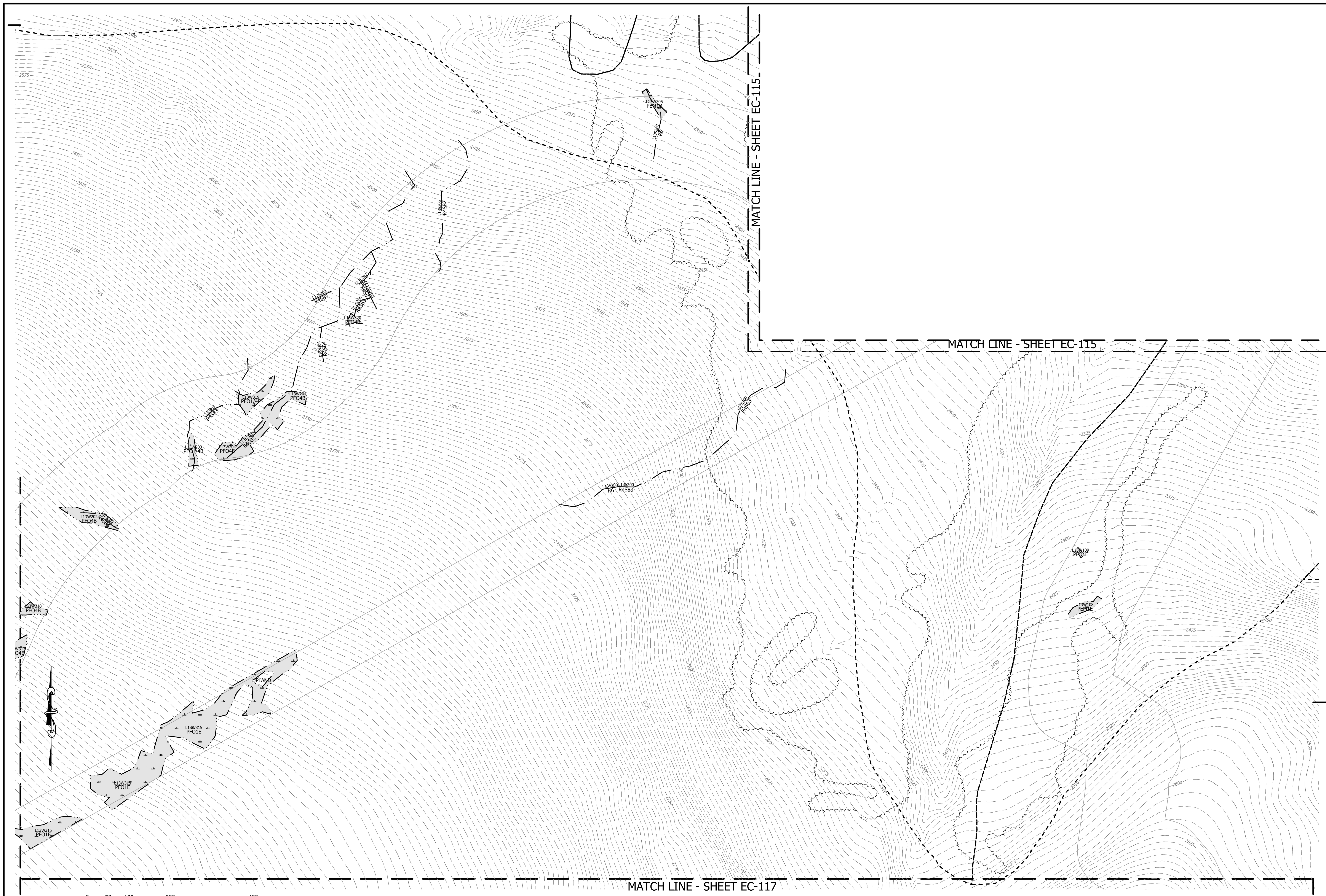
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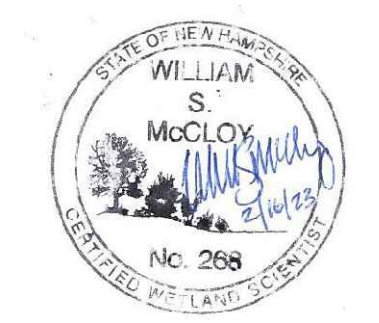
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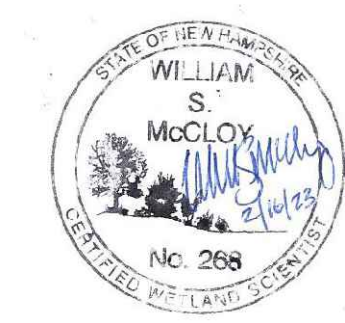
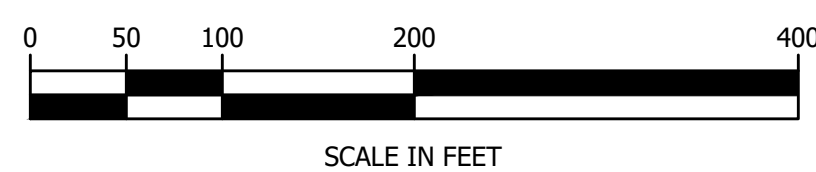
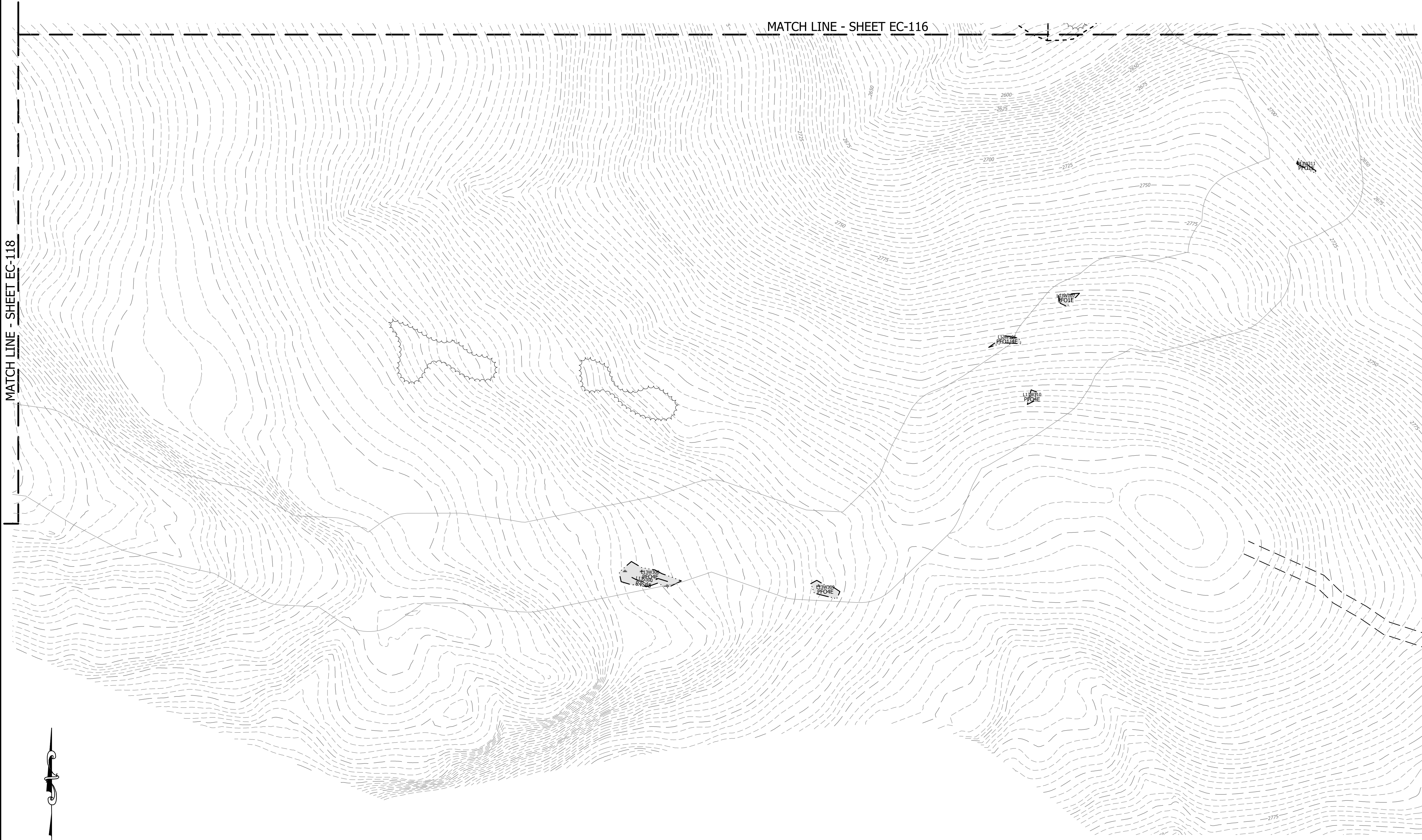
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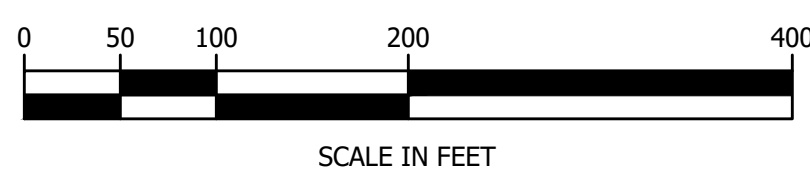
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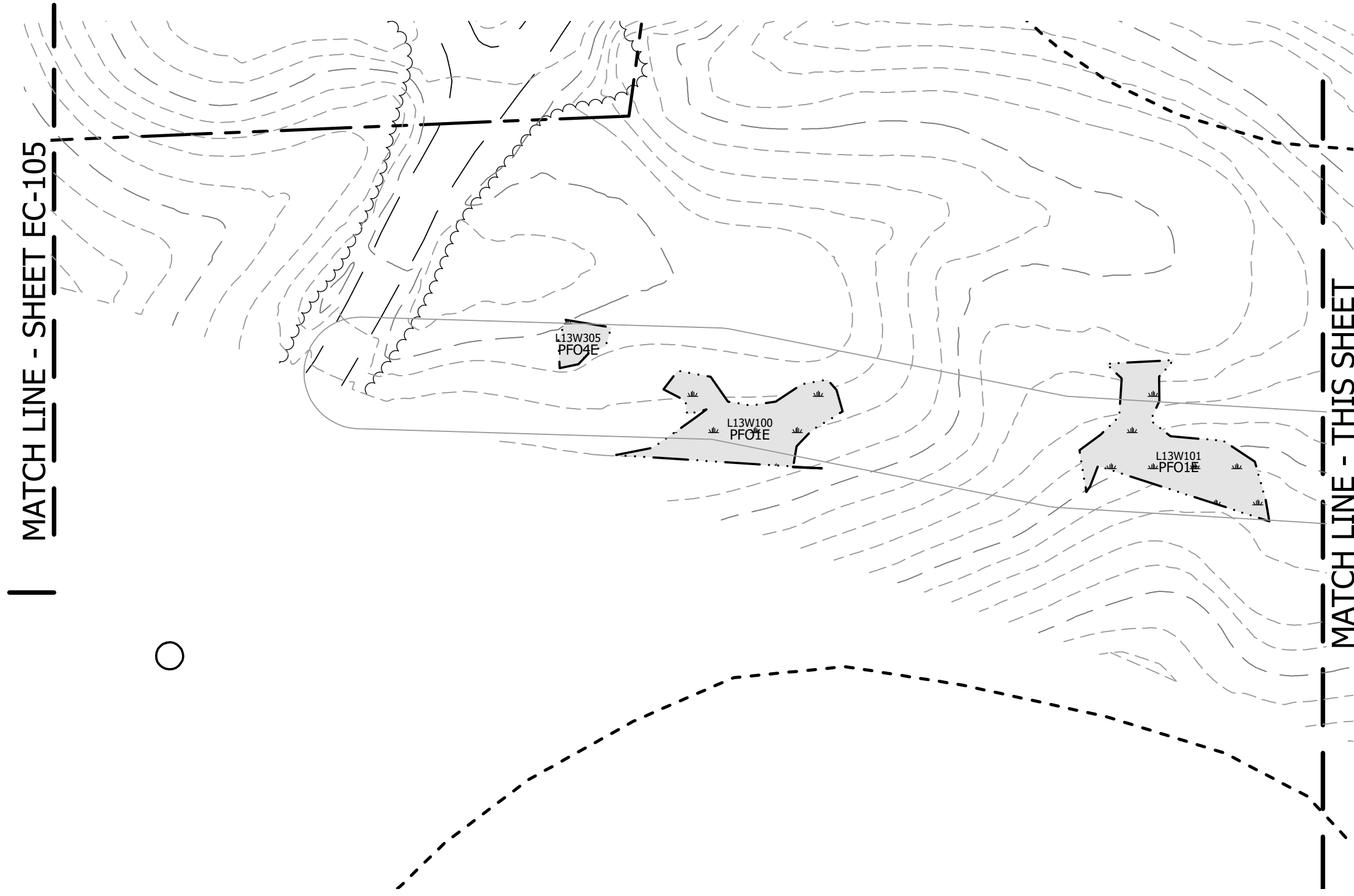


EC-117

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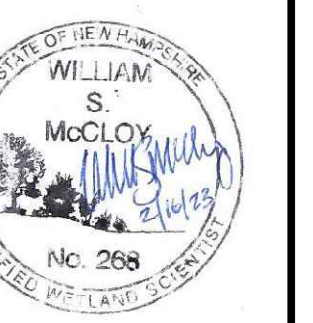


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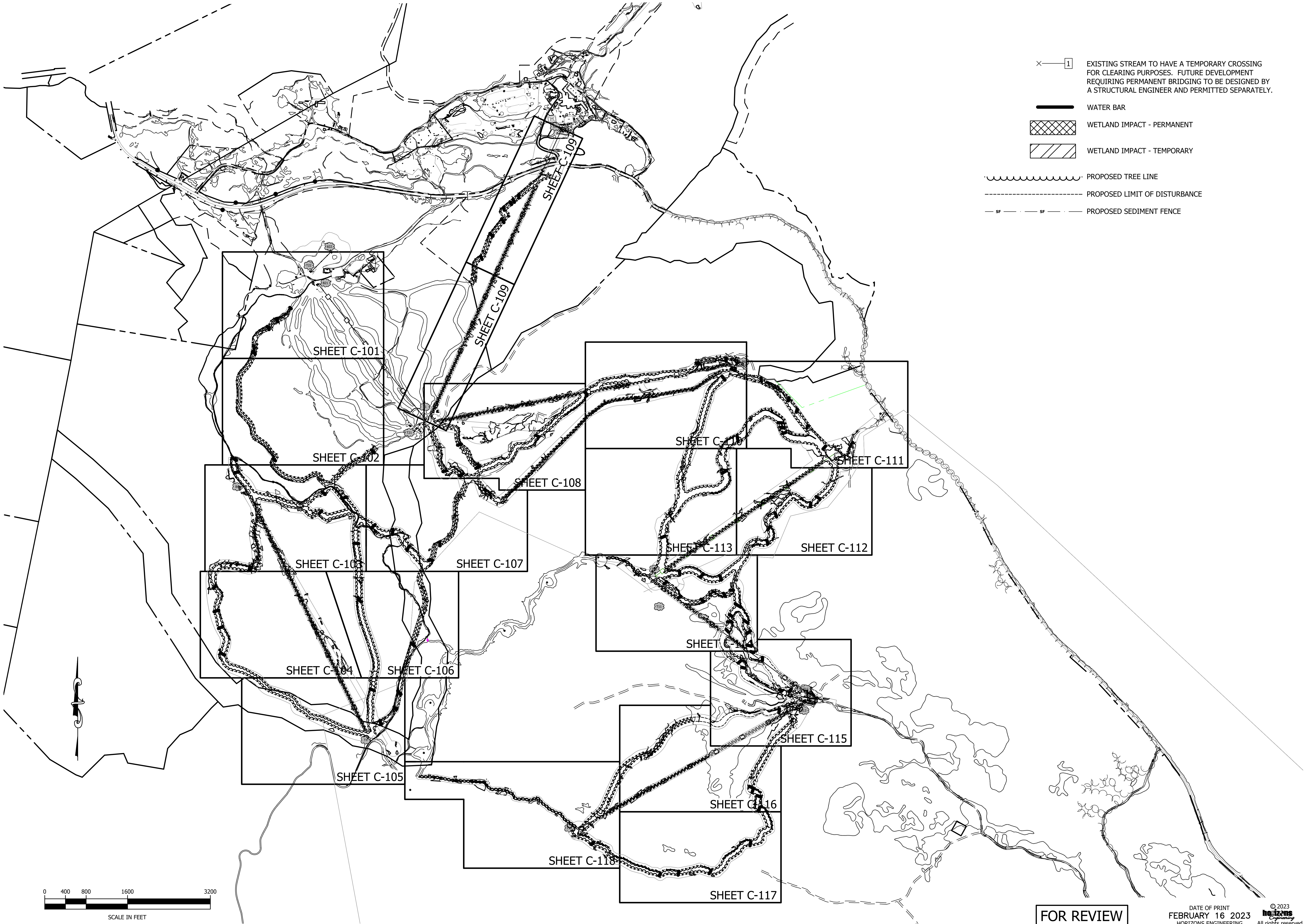


PROJECT #: 17056 / 220115
DATE: FEB 16 2023
MAP LOT (OR ARCHIVE)
SURVEYED BY: HEI
ENGINEERED BY: NORM-BG
DRAWN BY: KRP/SJB
CHECKED BY: NORM-AM

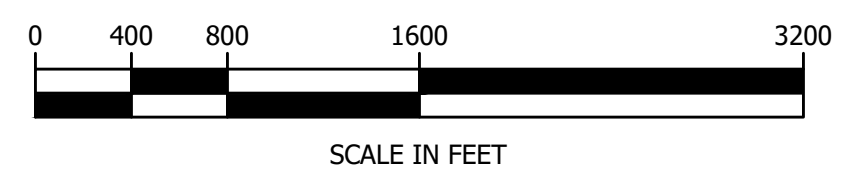
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EXISTING CONDITIONS PLAN
EC-118



- EXISTING STREAM TO HAVE A TEMPORARY CROSSING FOR CLEARING PURPOSES. FUTURE DEVELOPMENT REQUIRING PERMANENT BRIDGING TO BE DESIGNED BY A STRUCTURAL ENGINEER AND PERMITTED SEPARATELY.
- WATER BAR
- WETLAND IMPACT - PERMANENT
- WETLAND IMPACT - TEMPORARY
- PROPOSED TREE LINE
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED SEDIMENT FENCE



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NO.	DATE	REVISION DESCRIPTION	ENG.	DWG.



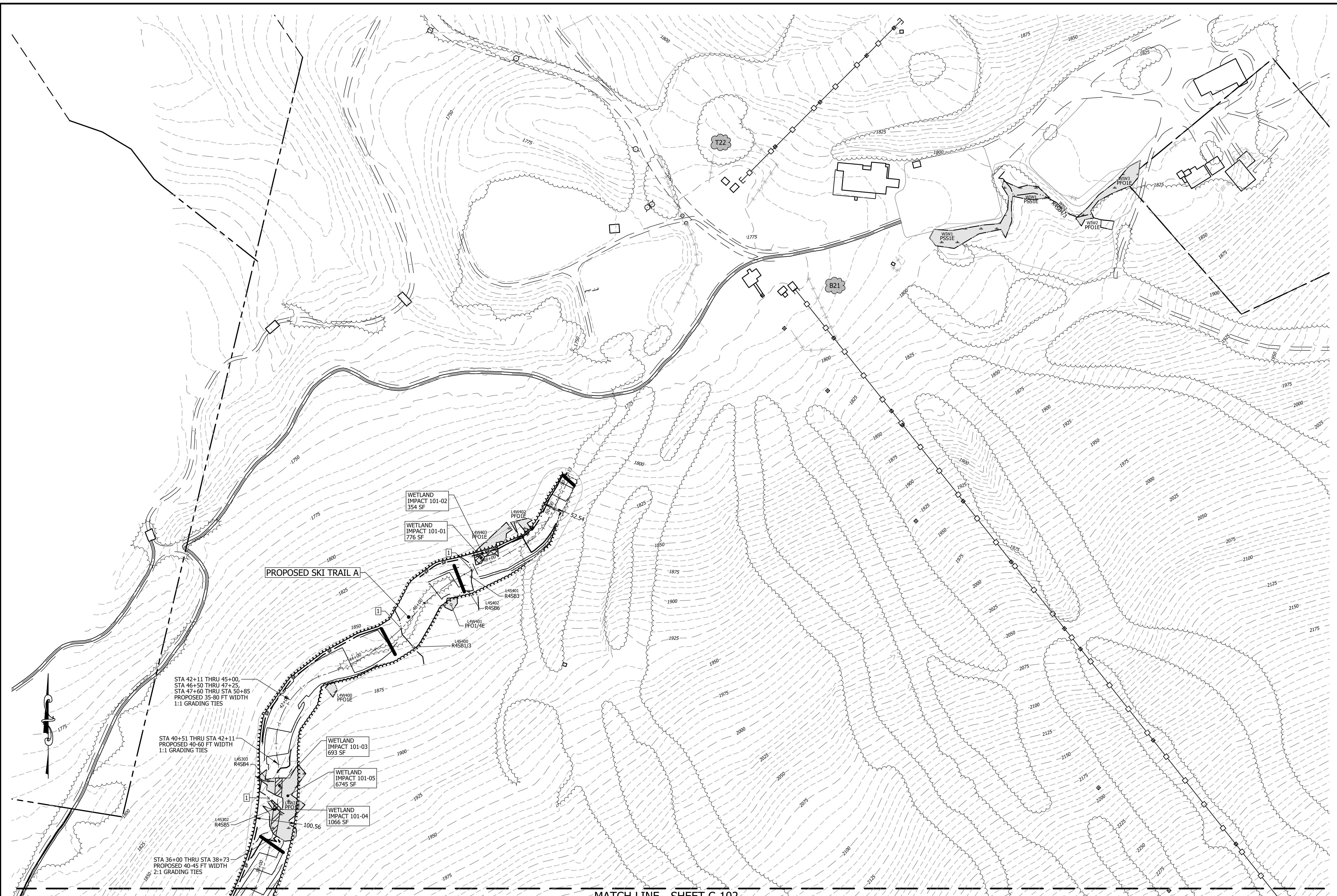
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 OVERVIEW, LEGEND AND SHEET LAYOUT
 SKI TRAIL CLEARING & GRADING

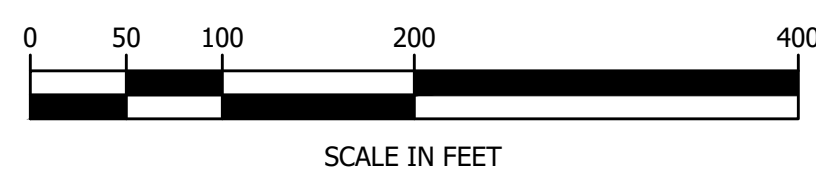
C-100

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MATCH LINE - SHEET C-102



Impact Label	Impact Type	Normandeau ID	Class	LF	SF
101-01	Permanent	L4W403	PFO1E	N/A	776
101-02	Conversion	L4W403	PFO1E	N/A	354
101-03	Temporary	L4W221	PFO1E	N/A	693
101-04	Temporary	L4W221	PFO1E	N/A	1066
101-05	Conversion	L4W221	PFO1E	N/A	6745

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17056 / 220115	FEB 16 2023					
MAP LOT (OR ARCHIVE)						
SURVEYED BY:	HEI					
ENGINEERED BY:	MSG					
DRAWN BY:	KRP/MSG					
CHECKED BY:	DEB					

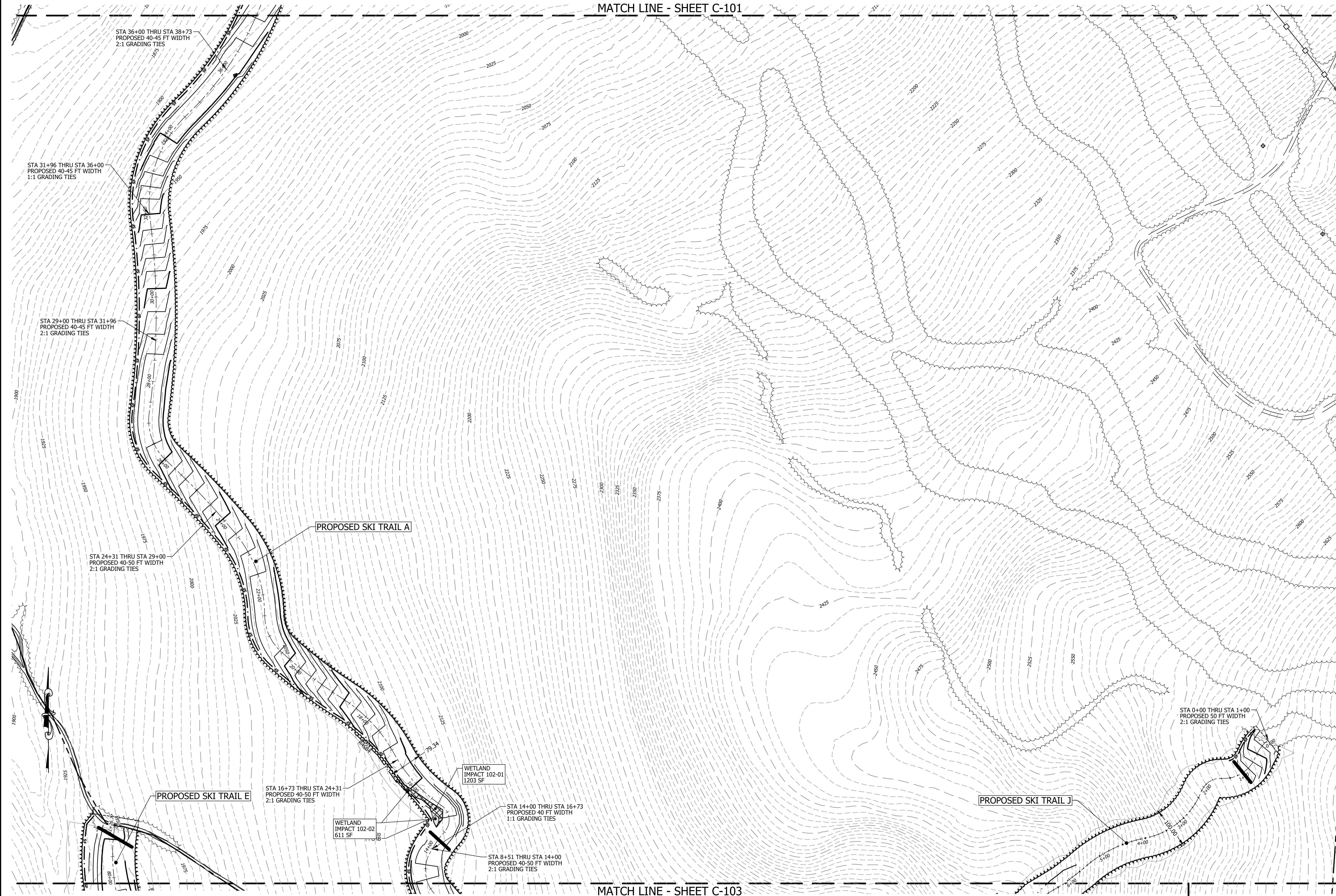


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MATCH LINE - SHEET C-101

MATCH LINE - SHEET C-103



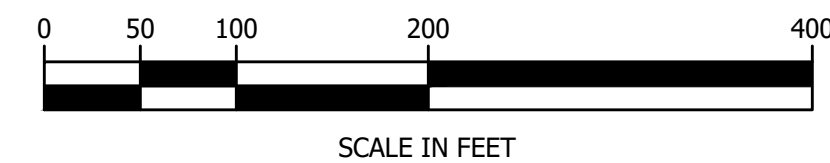
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17056 / 220115	FEB 16 2023			
MAP LOT (OR ARCHIVE)				
SURVEYED BY:	HEI			
ENGINEERED BY:	MSG			
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C-102



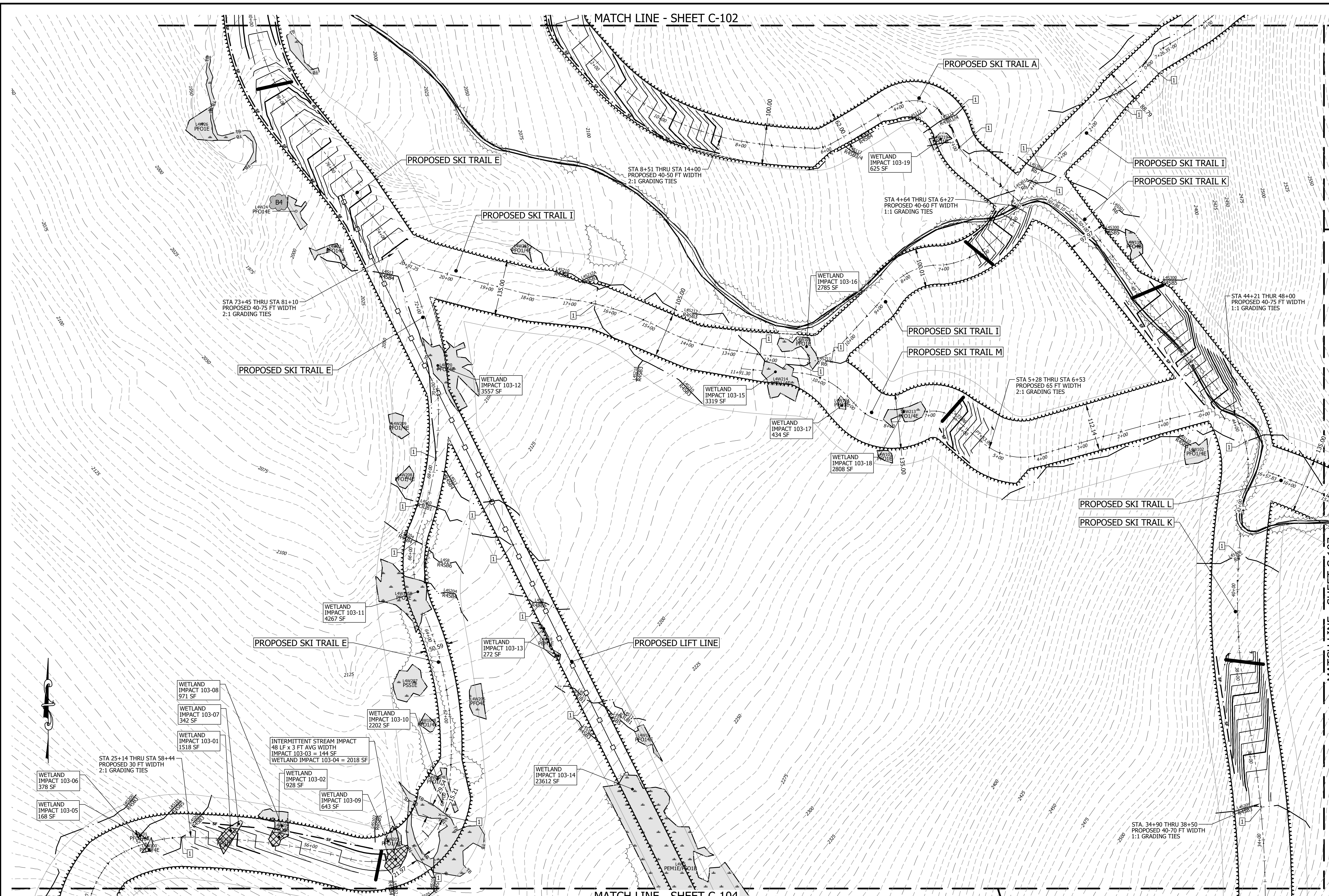
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102-01	Permanent	L4W/220	PFO1E	N/A	1203
102-02	Conversion	L4W/220	PFO1E	N/A	611

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MATCH LINE - SHEET C-102

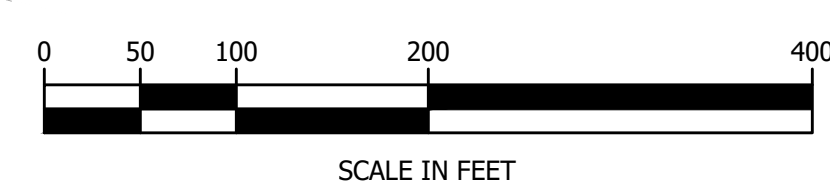
MATCH LINE - SHEET C-104

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PROJECT #: 17056 / 220115
 DATE: FEB 16 2023
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 ENGINEERED BY: NSG
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Impact Label	Impact Type	NORMANDEAU ID	Class	LF	SF
103-01	Permanent	L4W102B	PFO1E	N/A	1518
103-02	Permanent	L4W204	PFO4E	N/A	928
103-03	Permanent	L4S202	R4S84	48	144
103-04	Permanent	L4W205	PFO1/4E	N/A	2018
103-05	Conversion	L4W101	PFO1/4E	N/A	168
103-06	Conversion	L4W100	PFO1/4E	N/A	378
103-07	Conversion	L4W102B	PFO1E	N/A	342
103-08	Conversion	L4W204	PFO4E	N/A	971
103-09	Conversion	L4W205	PFO1/4E	N/A	643
103-10	Conversion	L4W103B	PFO1/4E	N/A	2202
103-11	Conversion	L4W105B	PFO1E	N/A	4267
103-12	Conversion	L4W20	PFO41E	N/A	3557
103-13	Conversion	L4W18	PEM1E	N/A	272
103-14	Conversion	L4W5	PEM1/PFO1B	N/A	23612
103-15	Conversion	L4W214	PFO1/4E	N/A	3319
103-16	Conversion	L4W105B	PFO1E	N/A	2785
103-17	Conversion	L4W104	PFO1E	N/A	434
103-18	Conversion	L4W213	PFO1/4E	N/A	2808
103-19	Conversion	L4W219	PFO1E	N/A	625

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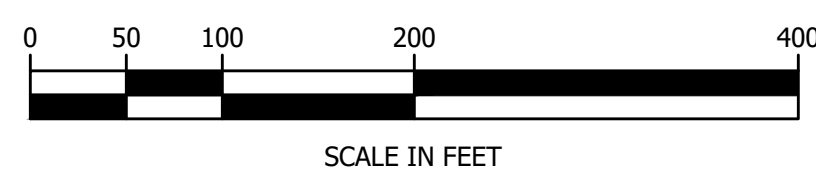


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MATCH LINE - SHEET C-103

MATCH LINE - SHEET C-106

MATCH LINE - SHEET C-105



Impact Label	Impact Type	Normandeau ID	Class	LF	SF
104-01	Conversion	L4201	PFO1E	N/A	331
104-02	Conversion	L4W12	PEM1E/PFO1E	N/A	7150
104-03	Conversion	L4W310	PFO4B	N/A	3147
104-04	Conversion	L4W309	PFO1B	N/A	1234
104-05	Conversion	L4W307	PSS1B	N/A	936

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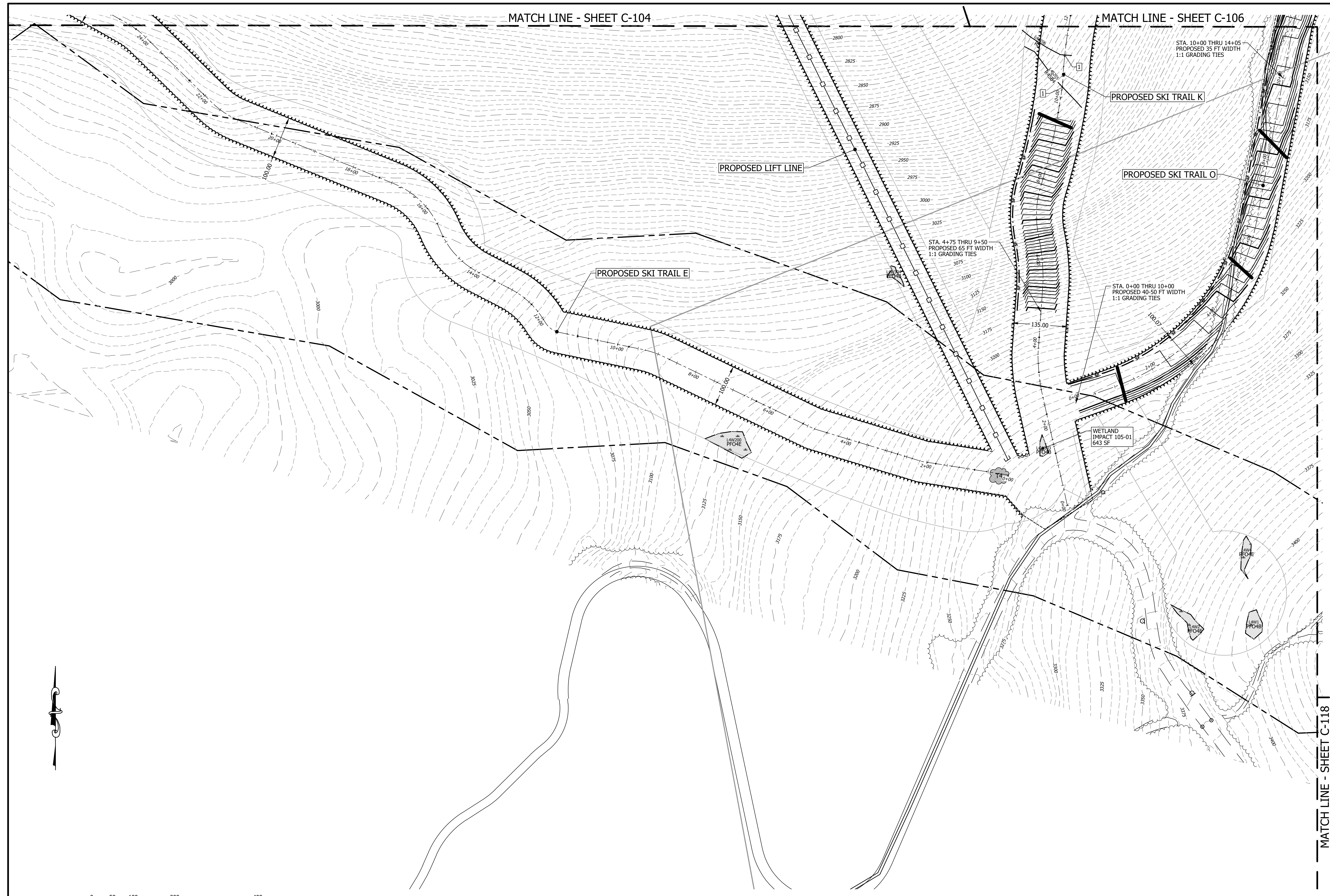
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MATCH LINE - SHEET C-104

MATCH LINE - SHEET C-106



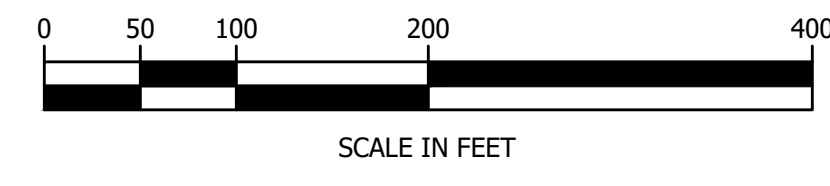
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C-105



Impact Label	Impact Type	Normandeau ID	Class	LF	SF
105-01	Conversion	L4W303	PFO4B	N/A	643

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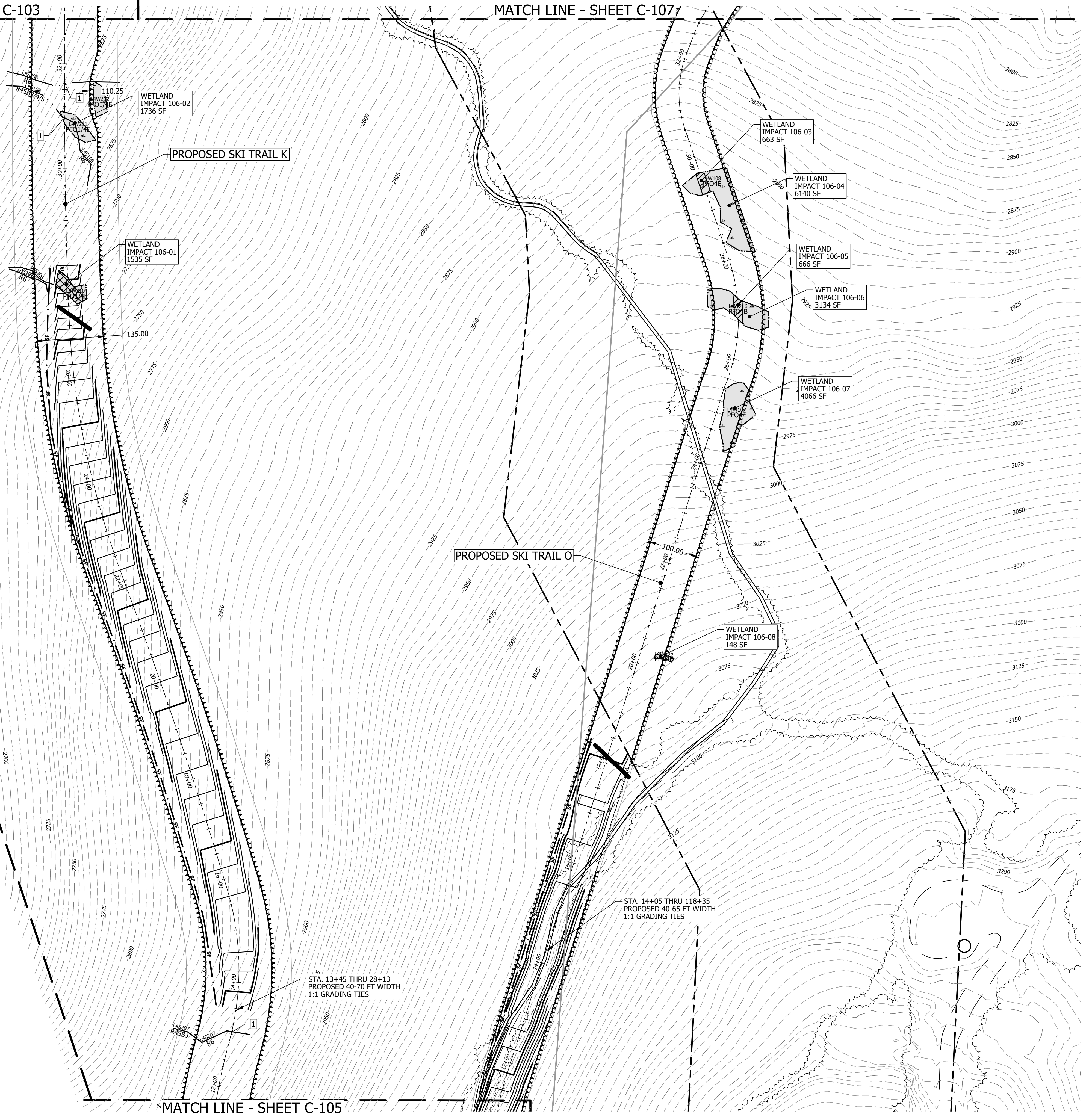
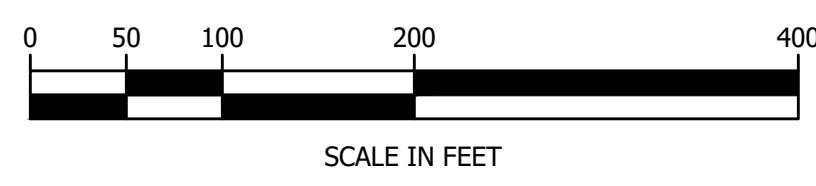
MATCH LINE - SHEET C-103

MATCH LINE - SHEET C-107

MATCH LINE - SHEET C-105

MATCH LINE - SHEET C-105

Impact Label	Impact Type	Normandeau ID	Class	LF	SF
106-01	Permanent	L4W210	PFO1/4E	N/A	1535
106-02	Conversion	L4W211	PFO1/4E	N/A	1736
106-03	Temporary	L4W108	PFO4E	N/A	663
106-04	Conversion	L4W108	PFO4E	N/A	6140
106-05	Temporary	L4W216	PFO4B	N/A	666
106-06	Conversion	L4W216	PFO4B	N/A	3134
106-07	Conversion	L4W107	PFO4E	N/A	4066
106-08	Conversion	L4W106	PFO4E	N/A	148



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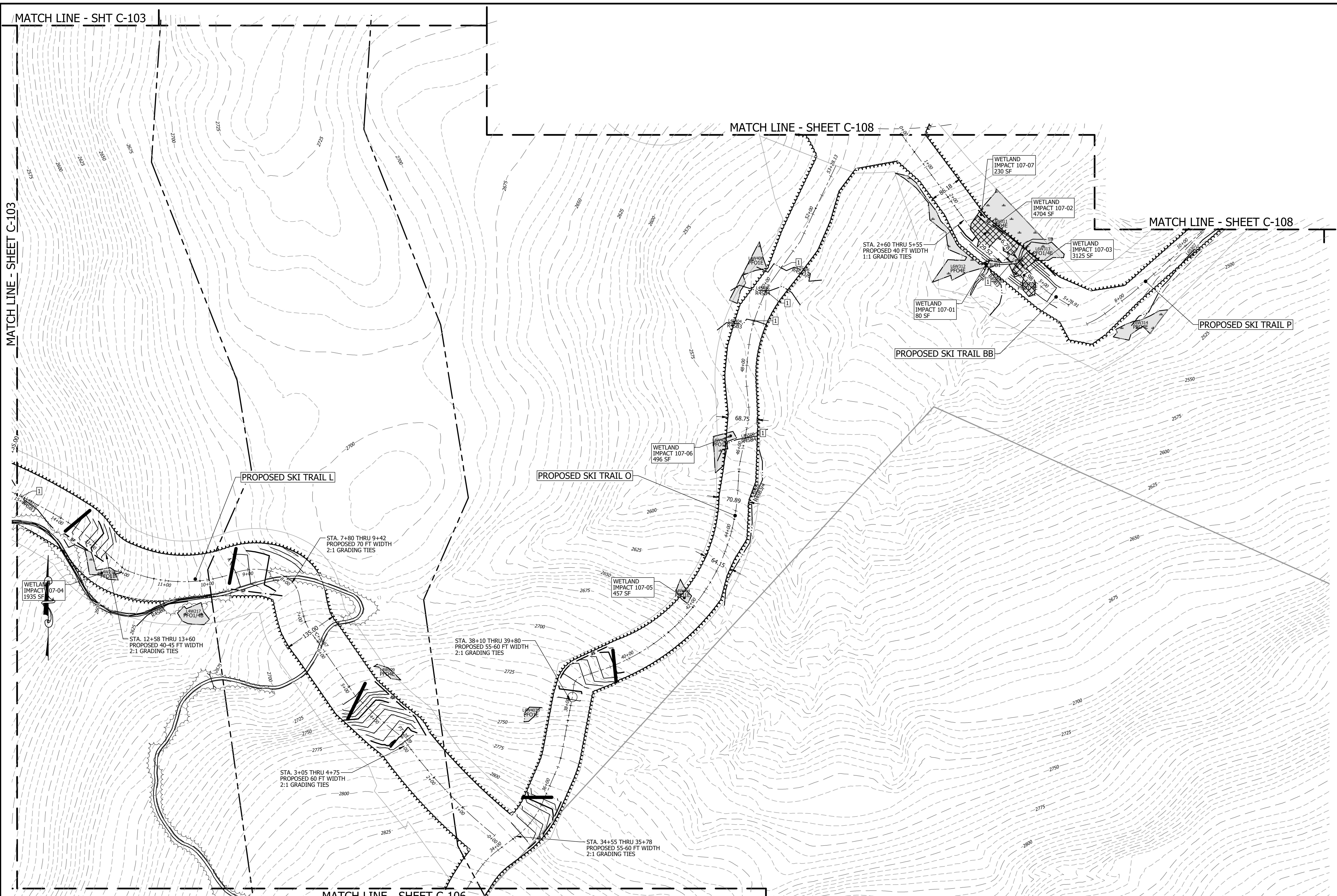
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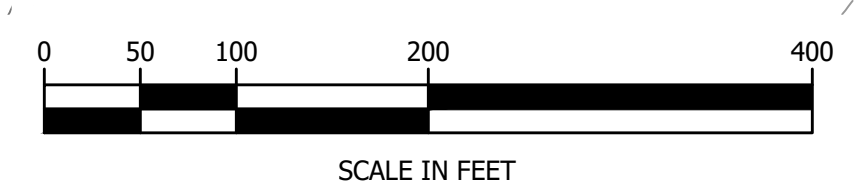
MATCH LINE - SHT C-103

MATCH LINE - SHEET C-103

MATCH LINE - SHEET C-108

MATCH LINE - SHEET C-108

MATCH LINE - SHEET C-106



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107-02	Permanent	L6W311	PFO4E	N/A	4704
107-03	Permanent	L6W313	PFO1/4E	N/A	3125
107-04	Conversion	L4W218	PFO1B	N/A	1935
107-05	Conversion	L4W404	PFO1E	N/A	457

Impact Label	Impact Type	Norandeau ID	Class	LF	SF
107-06	Conversion	L4W405	PFO1E	N/A	496
107-07	Conversion	L6W311	PFO4E	N/A	230

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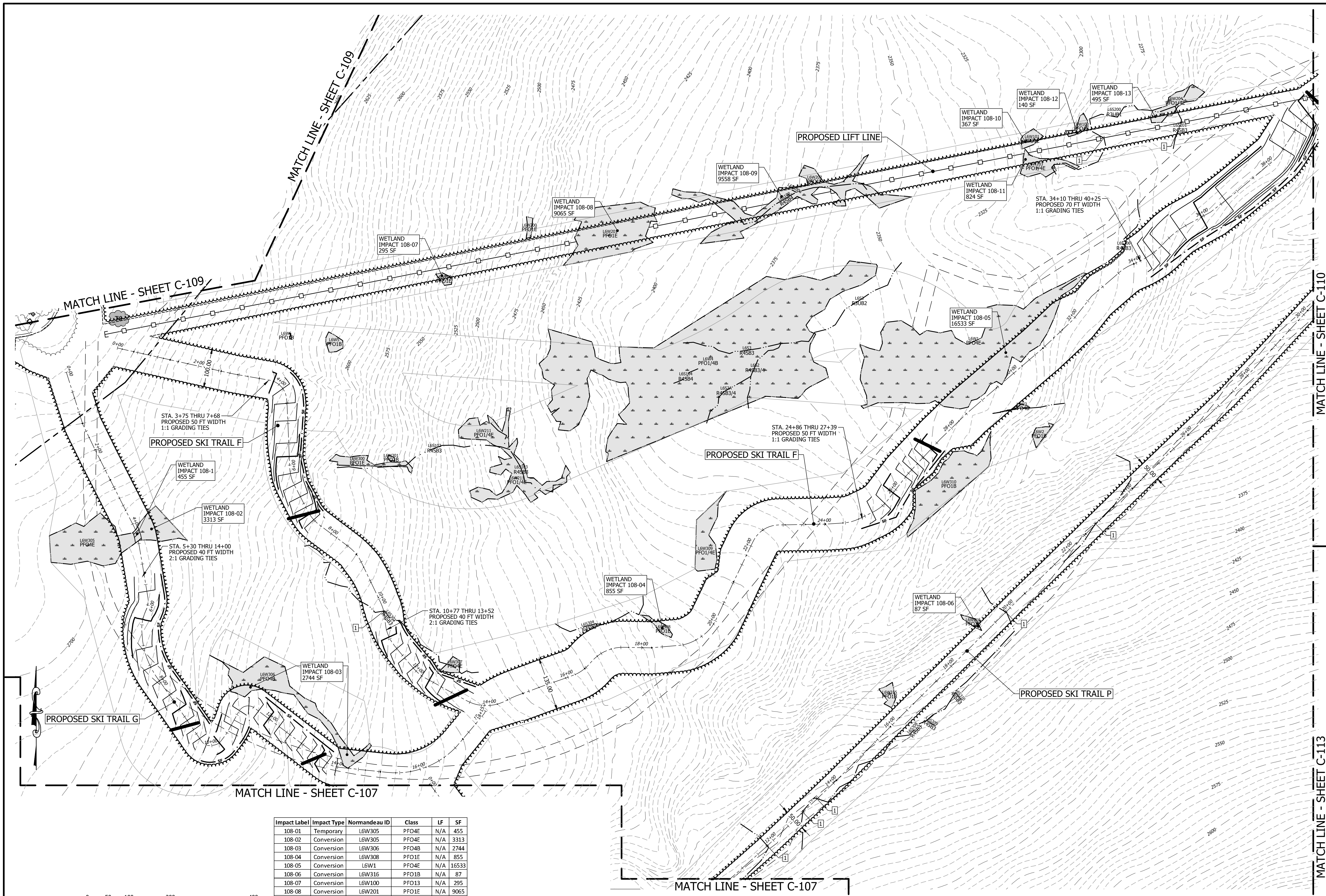


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C-107

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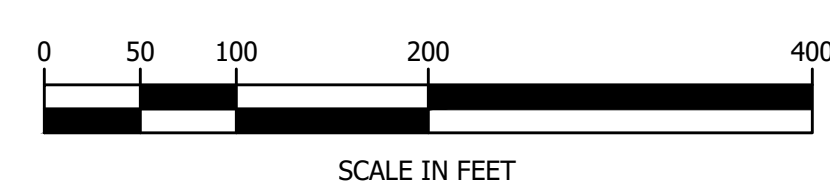


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ENGINEERED BY:	MSG
DRAWN BY:	KRP/MSG
CHECKED BY:	DEB

Impact Label	Impact Type	Normandeau ID	Class	LF	SF
108-01	Temporary	L6W305	PFO4E	N/A	455
108-02	Conversion	L6W305	PFO4E	N/A	3313
108-03	Conversion	L6W306	PFO4B	N/A	2744
108-04	Conversion	L6W308	PFO1E	N/A	855
108-05	Conversion	L6W1	PFO4E	N/A	16533
108-06	Conversion	L6W316	PFO1B	N/A	87
108-07	Conversion	L6W100	PFO13	N/A	295
108-08	Conversion	L6W201	PFO1E	N/A	9065
108-09	Conversion	L6W202	PFO1E	N/A	9558
108-10	Conversion	L6W101	PFO1E	N/A	367
108-11	Conversion	L6W203	PFO1/4E	N/A	824
108-12	Conversion	L6W102	PFO1E	N/A	140
108-13	Conversion	L6W204	PFO1/4E	N/A	495



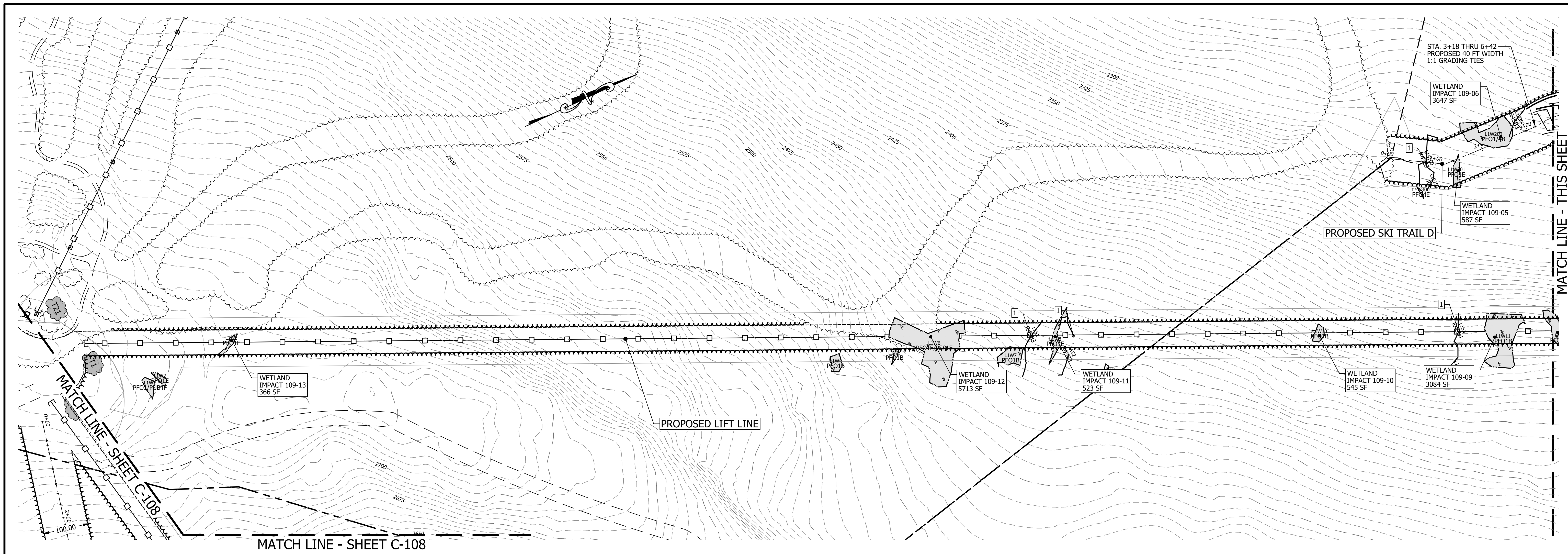
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C-108

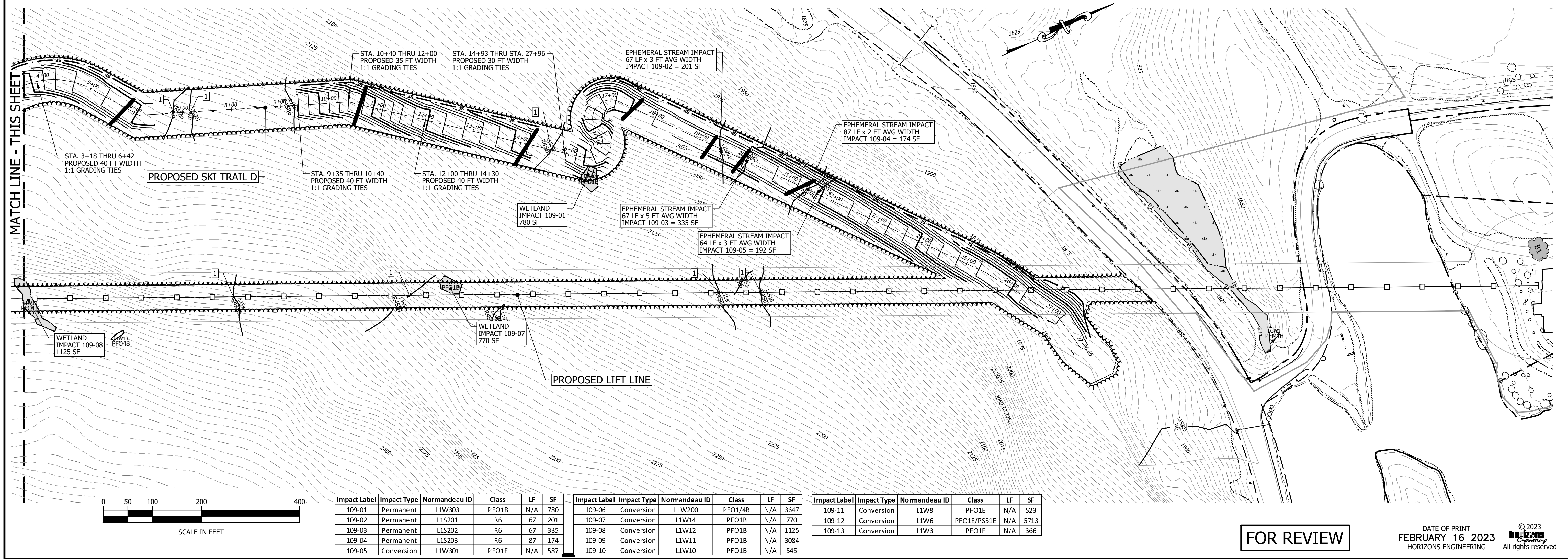
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PROJECT #:	DATE:	NO.	REVISION DESCRIPTION	ENG	DWG
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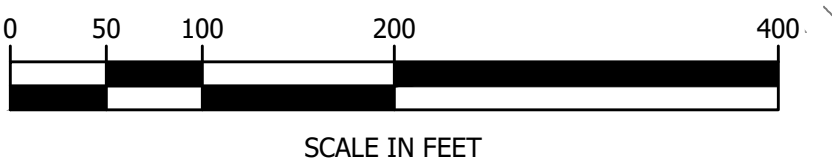


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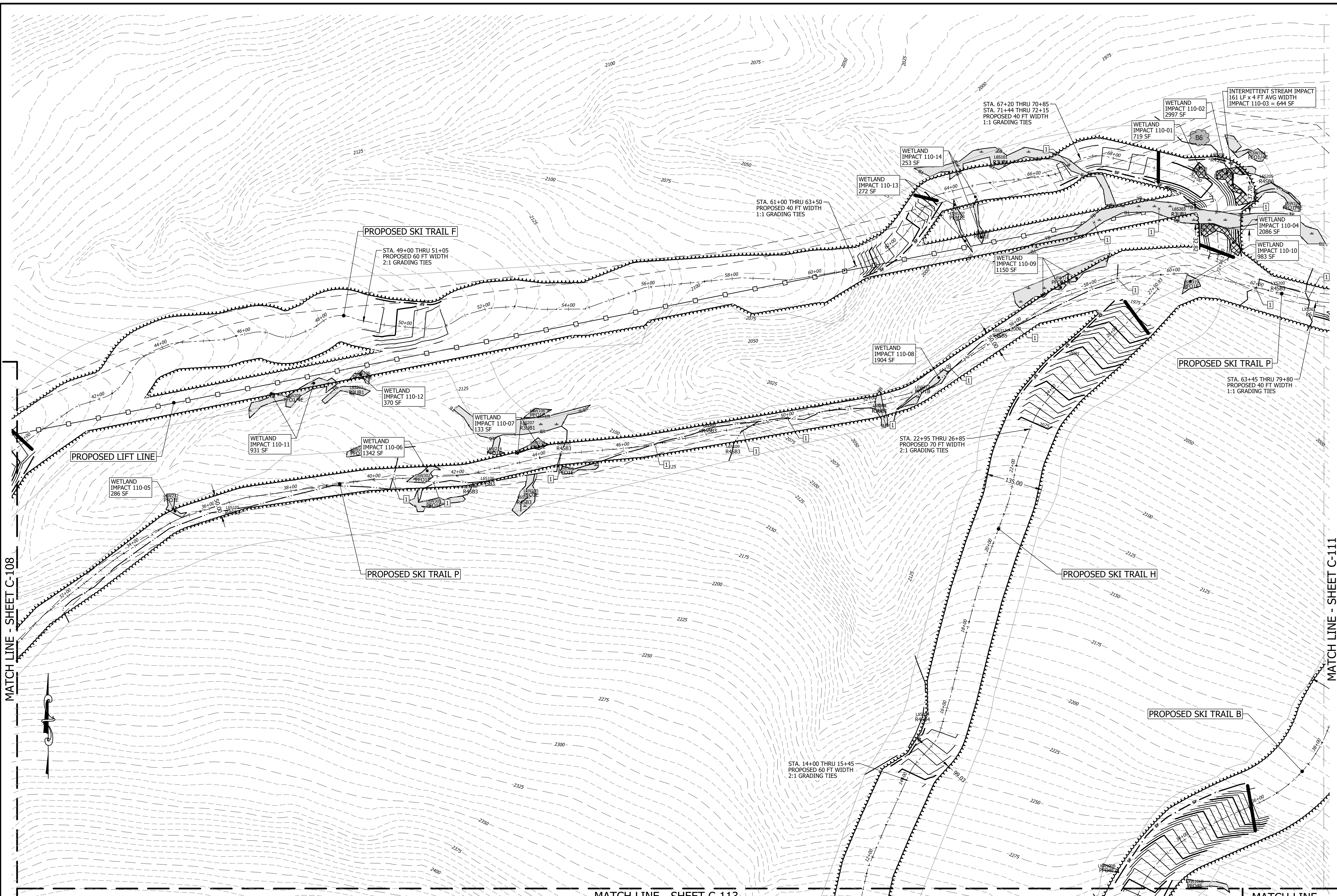
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109-02	Permanent	L1S201	R6	67	201
109-03	Permanent	L1S202	R6	67	335
109-04	Permanent	L1S203	R6	87	174
109-05	Conversion	L1W301	PFO1E	N/A	587
109-06	Conversion	L1W200	PFO1/4B	N/A	3647
109-07	Conversion	L1W14	PFO1B	N/A	770
109-08	Conversion	L1W12	PFO1B	N/A	1125
109-09	Conversion	L1W11	PFO1B	N/A	3084
109-10	Conversion	L1W10	PFO1B	N/A	545
109-11	Conversion	L1W8	PFO1E	N/A	523
109-12	Conversion	L1W6	PFO1E/PSS1E	N/A	5713
109-13	Conversion	L1W3	PFO1F	N/A	366



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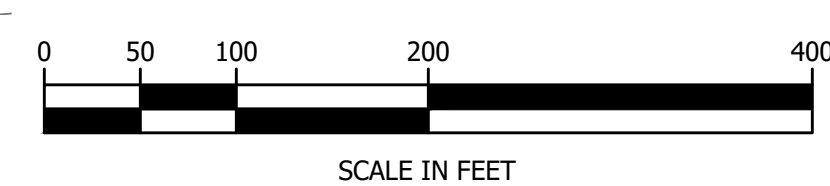
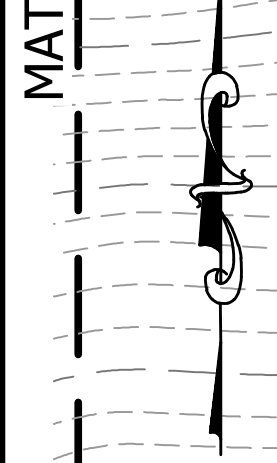
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MATCH LINE - SHEET C-108

MATCH LINE - SHEET C-111



Impact Label	Impact Type	Normandeau ID	Class	LF	SF
110-01	Permanent	L6W209	PFO1E	N/A	719
110-02	Permanent	L6W103	PFO1/4E	N/A	2997
110-03	Permanent	L6S204	R4S83	161	644
110-04	Permanent	L6W210	PFO1E	N/A	2086
110-05	Conversion	L6W212	PFO1E	N/A	286

Impact Label	Impact Type	Normandeau ID	Class	LF	SF
110-06	Conversion	L6W302	PFO1E	N/A	1342
110-07	Conversion	L6W215	PFO1E	N/A	133
110-08	Conversion	L6W317	PFO1B	N/A	1904
110-09	Conversion	L6W318	PFO1/4E	N/A	1150
110-10	Conversion	L6W319	PFO1E	N/A	983

Impact Label	Impact Type	Normandeau ID	Class	LF	SF
110-11	Conversion	L6W205	PFO1/4E	N/A	931
110-12	Conversion	L6W206	PFO1/4E	N/A	370
110-13	Conversion	L6W207	PEM1E	N/A	272
110-14	Conversion	L6W208	PEM1E	N/A	253

MATCH LINE - SHEET C-113

MATCH LINE - SHEET C-112

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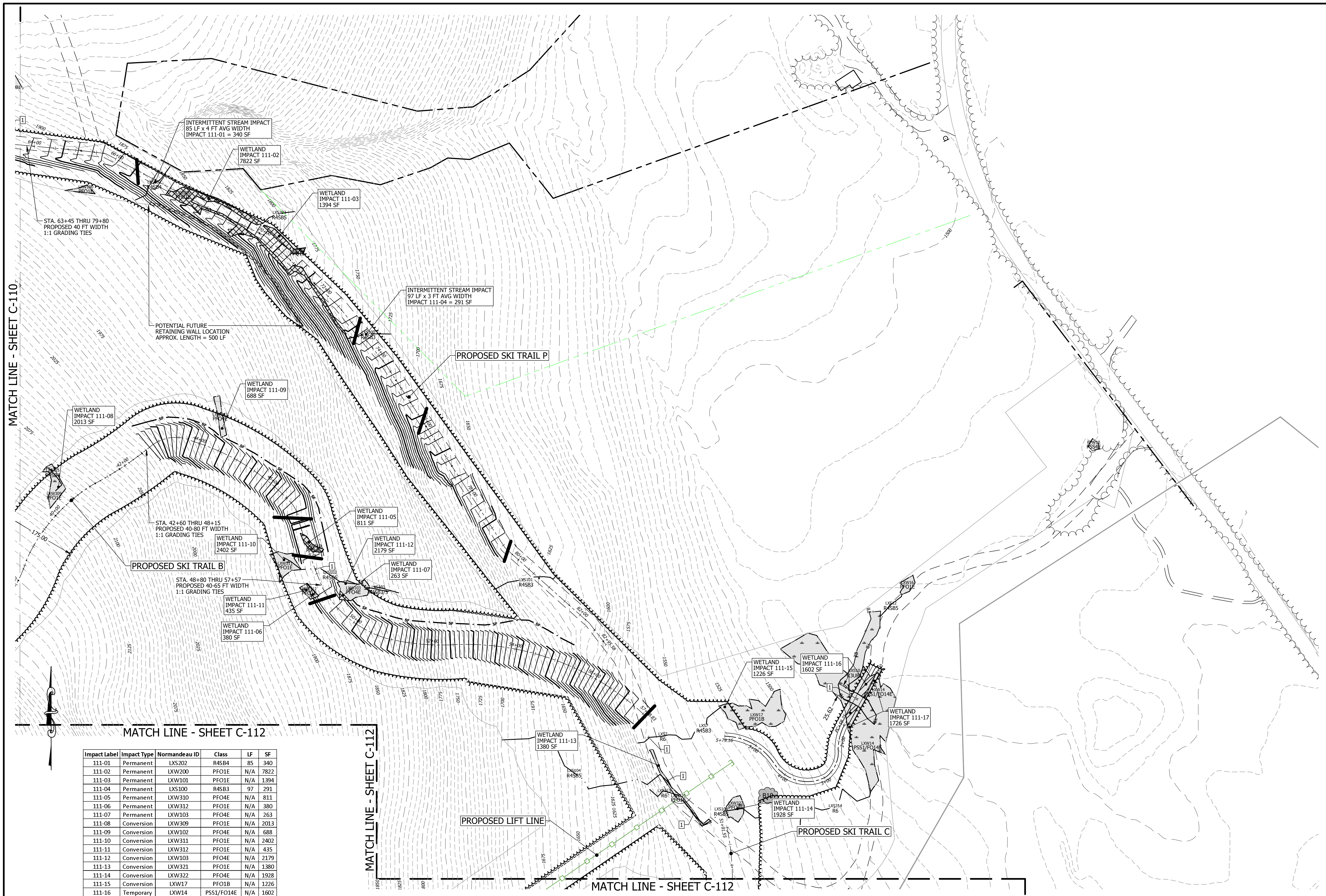


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C-110

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MATCH LINE - SHEET C-110

MATCH LINE - SHEET C-112

MATCH LINE - SHEET C-112

Impact Label	Impact Type	Normandeau ID	Class	LF	SF
111-01	Permanent	LXS202	R4S4	85	340
111-02	Permanent	LXW200	PFO1E	N/A	7822
111-03	Permanent	LXW101	PFO1E	N/A	1394
111-04	Permanent	LXS300	R4S3	97	291
111-05	Permanent	LXW310	PFO4E	N/A	811
111-06	Permanent	LXW312	PFO1E	N/A	380
111-07	Permanent	LXW103	PFO4E	N/A	263
111-08	Conversion	LXW309	PFO1E	N/A	2013
111-09	Conversion	LXW102	PFO4E	N/A	688
111-10	Conversion	LXW311	PFO1E	N/A	2402
111-11	Conversion	LXW312	PFO1E	N/A	435
111-12	Conversion	LXW103	PFO4E	N/A	2179
111-13	Conversion	LXW321	PFO1E	N/A	1380
111-14	Conversion	LXW322	PFO4E	N/A	1928
111-15	Conversion	LXW17	PFO1B	N/A	1226
111-16	Temporary	LXW14	PSS1/FO14E	N/A	1602
111-17	Conversion	LXW14	PSS1/FO14E	N/A	1726



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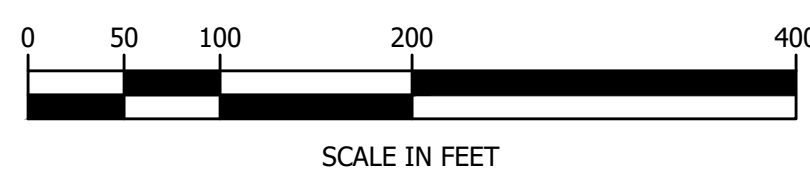
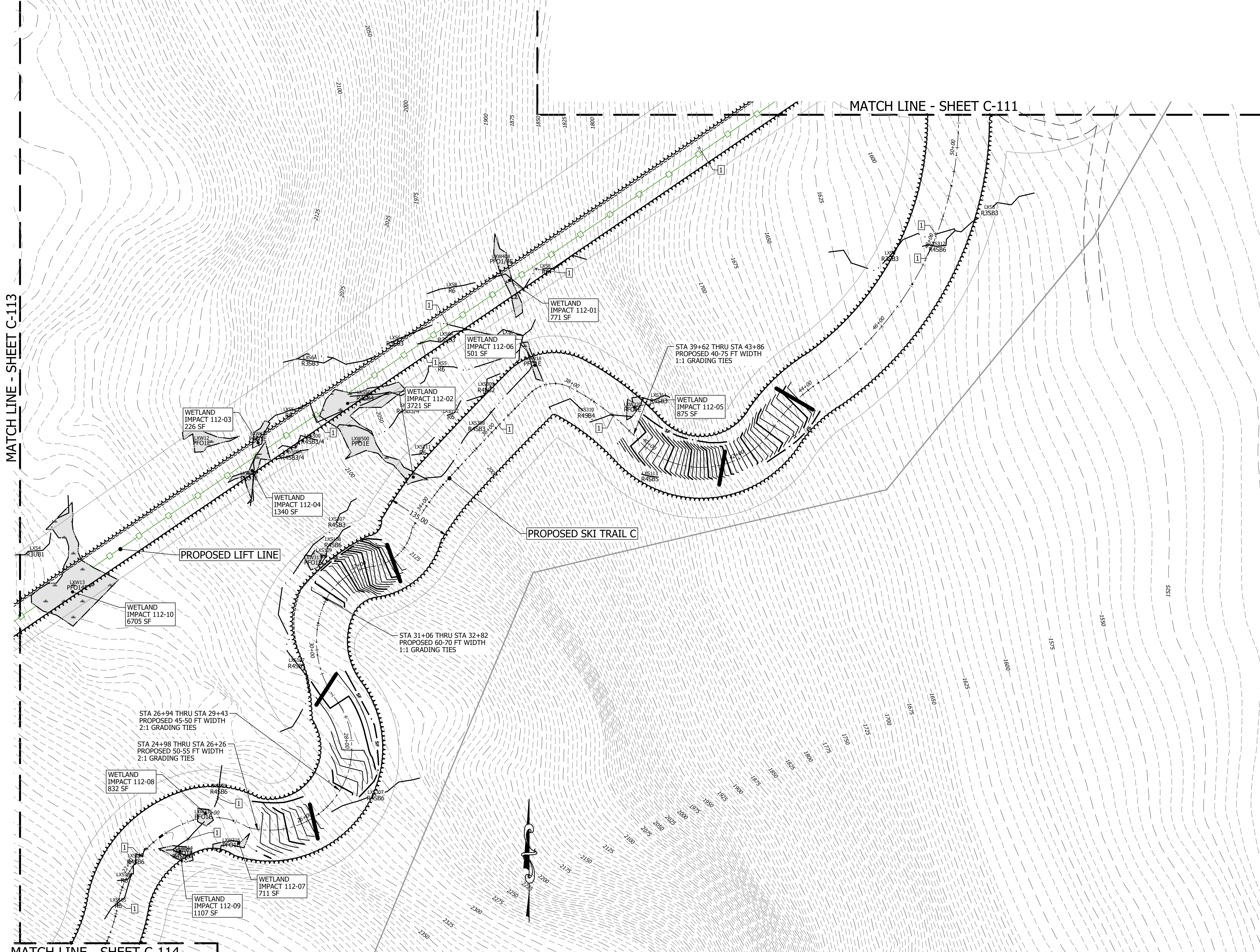
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Impact Label	Impact Type	Normandeau ID	Class	LF	SF
112-01	Conversion	LXW408	PFO1/4E	N/A	771
112-02	Conversion	LXW500	PFO1E	N/A	3721
112-03	Conversion	LXW15	PFO1E	N/A	226
112-04	Conversion	LXW407	PFO1E	N/A	1340
112-05	Conversion	LXW320	PFO1E	N/A	875
112-06	Conversion	LXW318	PFO1E	N/A	501
112-07	Conversion	LXW316	PFO1E	N/A	711
112-08	Conversion	LXW315	PFO1E	N/A	832
112-09	Conversion	LXW314	PFO1E	N/A	1107
112-10	Conversion	LXW13	PFO14E	N/A	6705

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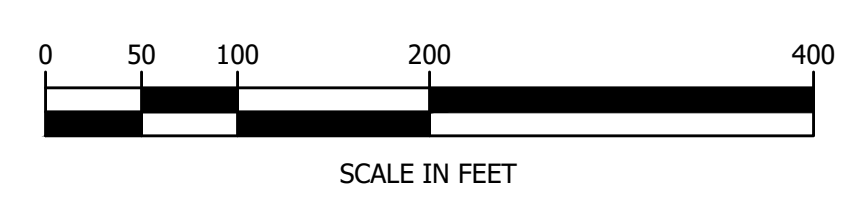
MATCH LINE - SHEET C-108

MATCH LINE - SHEET C-110

MATCH LINE - SHEET C-112

MATCH LINE - SHEET C-114

Impact Label	Impact Type	Normandeau ID	Class	LF	SF
113-01	Conversion	LXW10	PFO14E	N/A	2526
113-02	Conversion	LXW11	PFO1E	N/A	897
113-03	Conversion	LXW6	PFO14E	N/A	2598
113-04	Temporary	LXW400	PFO1E	N/A	333
113-05	Conversion	LXW400	PFO1E	N/A	714
113-06	Conversion	LXW401	PFO1/4E	N/A	1303
113-07	Conversion	LXW305	PFO1E	N/A	701
113-08	Conversion	LXW306	PFO1E	N/A	252
113-09	Conversion	LXW307	PFO4E	N/A	2240
113-10	Conversion	LXW308	PFO1E	N/A	983
113-11	Conversion	LXW402	PFO1E	N/A	911
113-12	Conversion	LXW403	PFO1E	N/A	1185



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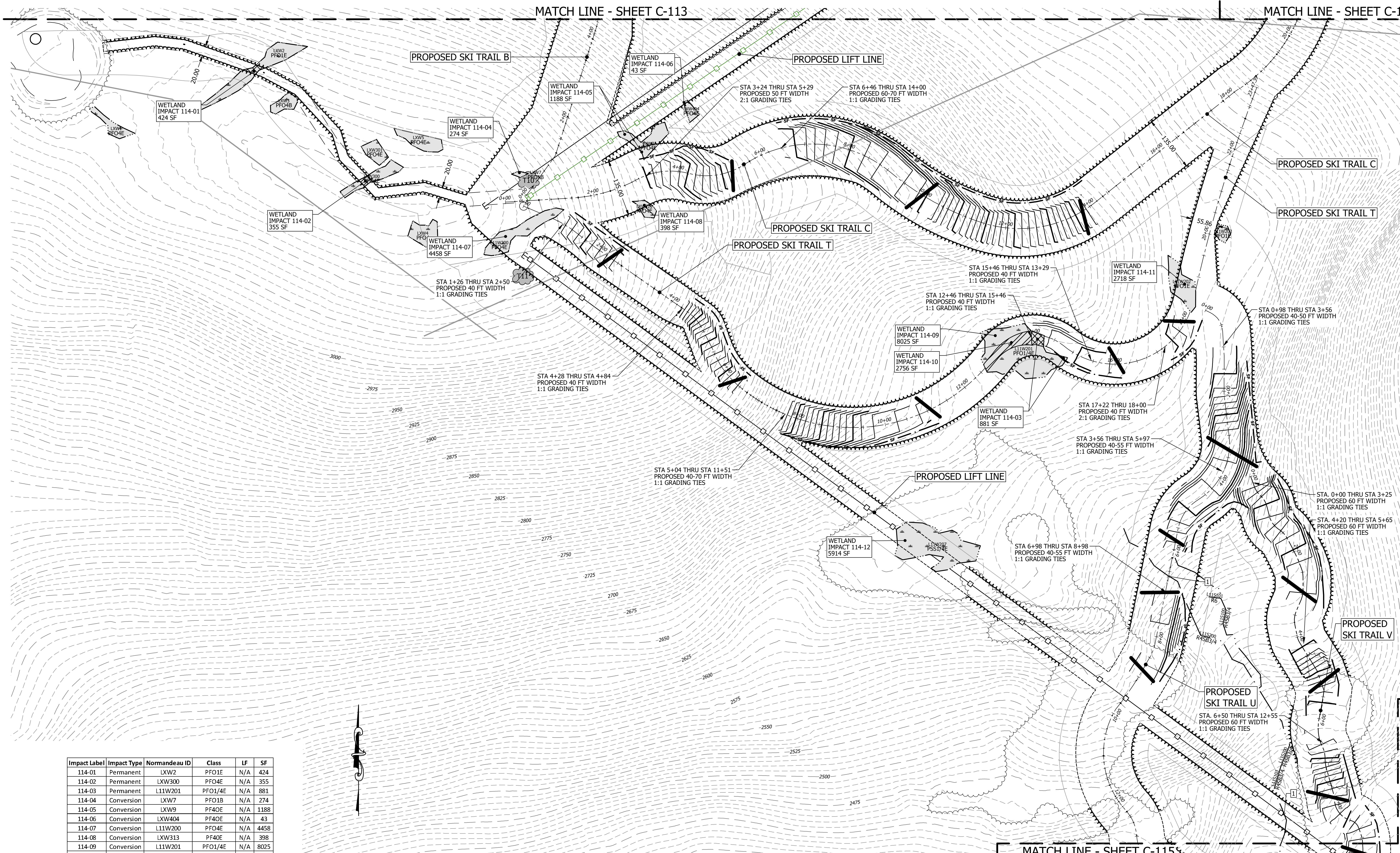
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 C-113

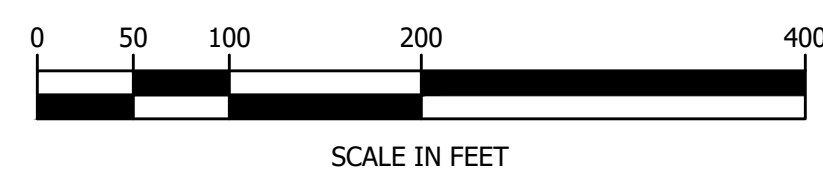
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MATCH LINE - SHEET C-113

MATCH LINE - SHEET C-112



Impact Label	Impact Type	Normandeau ID	Class	LF	SF
114-01	Permanent	LXW2	PFO1E	N/A	424
114-02	Permanent	LXW300	PFO4E	N/A	355
114-03	Permanent	L11W201	PFO1/4E	N/A	881
114-04	Conversion	LXW7	PFO1B	N/A	274
114-05	Conversion	LXW9	PF4OE	N/A	1188
114-06	Conversion	LXW404	PF4OE	N/A	43
114-07	Conversion	L11W200	PFO4E	N/A	4458
114-08	Conversion	LXW313	PF4OE	N/A	398
114-09	Conversion	L11W201	PFO1/4E	N/A	8025
114-10	Temporary	L11W201	PFO1/4E	N/A	2756
114-11	Conversion	L11W202	PFO1E	N/A	2718
114-12	Conversion	L11W207	PSS1/4E	N/A	5914



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MATCH LINE - SHEET C-115

MATCH LINE - SHEET C-115

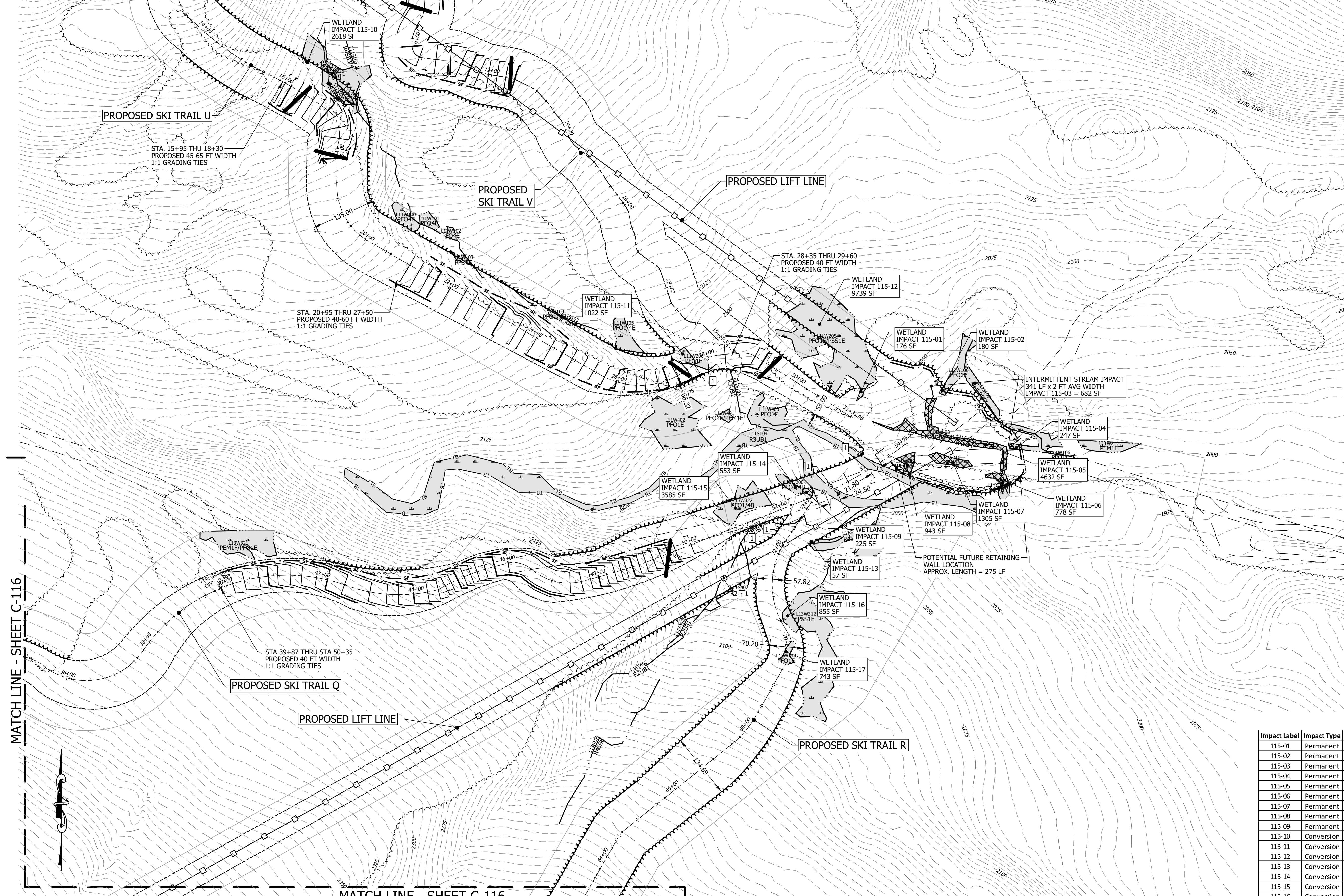
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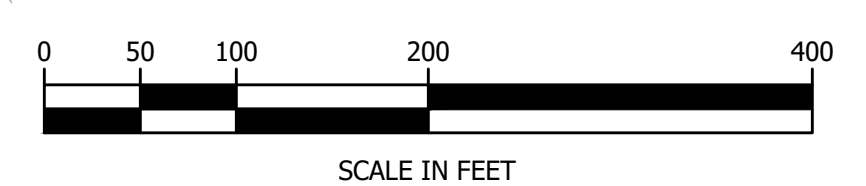
MATCH LINE - SHEET C-114

MATCH LINE - SHEET C-114



MATCH LINE - SHEET C-116

MATCH LINE - SHEET C-116



Impact Label	Impact Type	Normandeau ID	Class	LF	SF
115-01	Permanent	L11W205	PFO1E/PSS1E	N/A	176
115-02	Permanent	L11W106	PFO1E	N/A	180
115-03	Permanent	L11S201	R4S4	341	682
115-04	Permanent	L11W106	PFO1E	N/A	247
115-05	Permanent	L11W403	PFO1E/PEM1E	N/A	4632
115-06	Permanent	L11W208	PFO1E	N/A	778
115-07	Permanent	L11W210	PSS1E	N/A	1305
115-08	Permanent	L11W209	PFO1E	N/A	943
115-09	Permanent	L13W200	PFO1/4B	N/A	225
115-10	Conversion	L11W204	PFO1E	N/A	2618
115-11	Conversion	L11W206	PFO1E	N/A	1022
115-12	Conversion	L11W205	PFO1E/PSS1E	N/A	9739
115-13	Conversion	L11S202	PSS1E	N/A	57
115-14	Conversion	L13W200	PFO1/4B	N/A	553
115-15	Conversion	L13W322	PFO1/4B	N/A	3585
115-16	Conversion	L13W312	PSS1E	N/A	855
115-17	Conversion	L13W110	PFO1E	N/A	743

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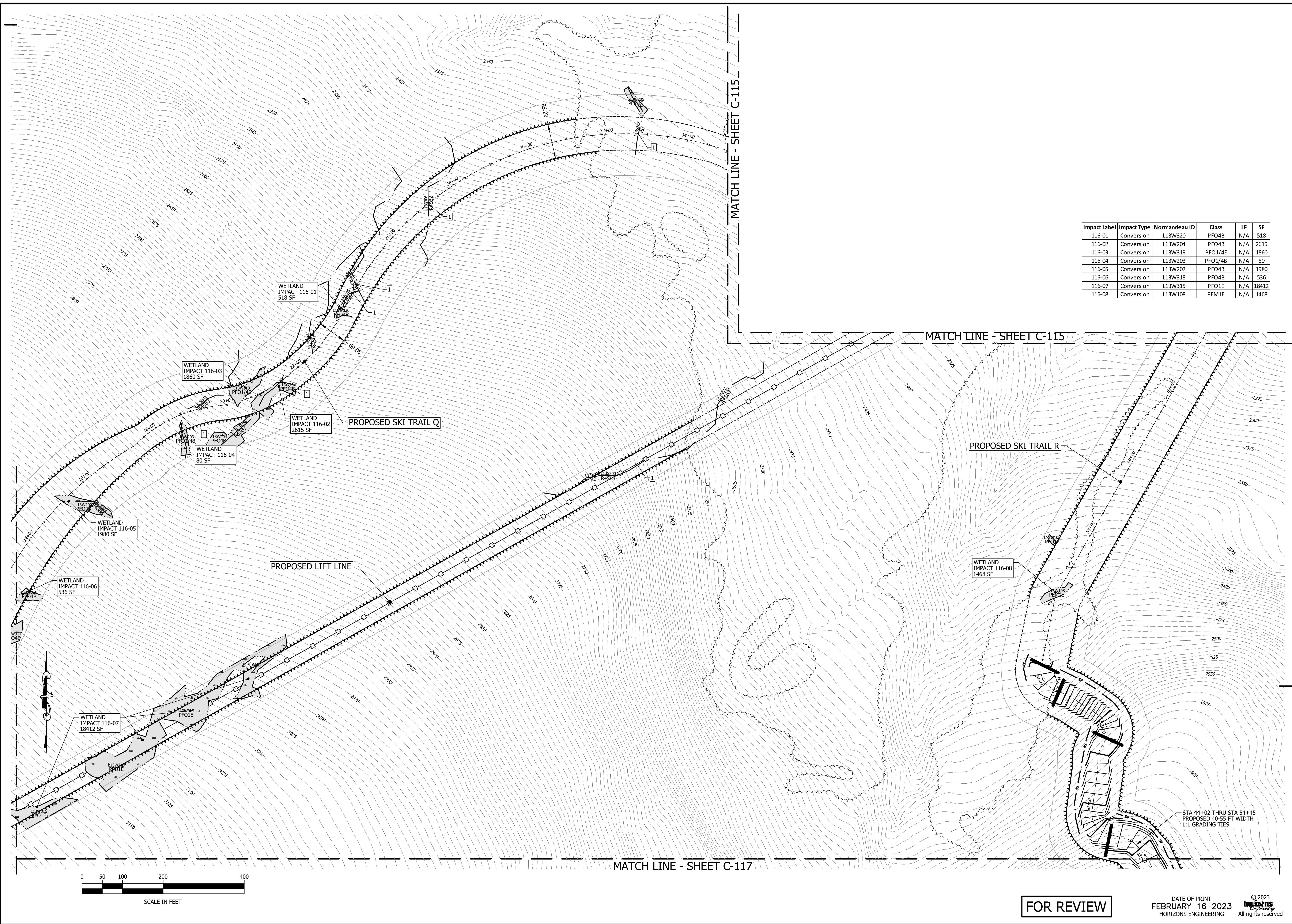
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116-01	Conversion	L13W320	PFO4B	N/A	518
116-02	Conversion	L13W204	PFO4B	N/A	2615
116-03	Conversion	L13W319	PFO1/4E	N/A	1860
116-04	Conversion	L13W203	PFO1/4B	N/A	80
116-05	Conversion	L13W202	PFO4B	N/A	1980
116-06	Conversion	L13W318	PFO4B	N/A	536
116-07	Conversion	L13W315	PFO1E	N/A	18412
116-08	Conversion	L13W108	PEM1E	N/A	1468

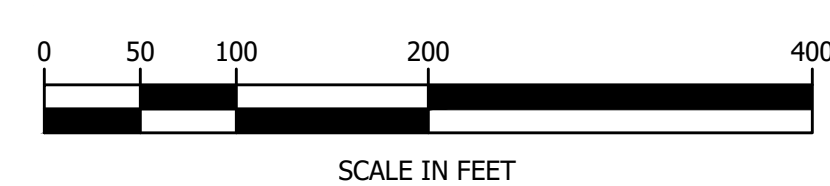
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MAP LOT (OR ARCHIVE):	HEI
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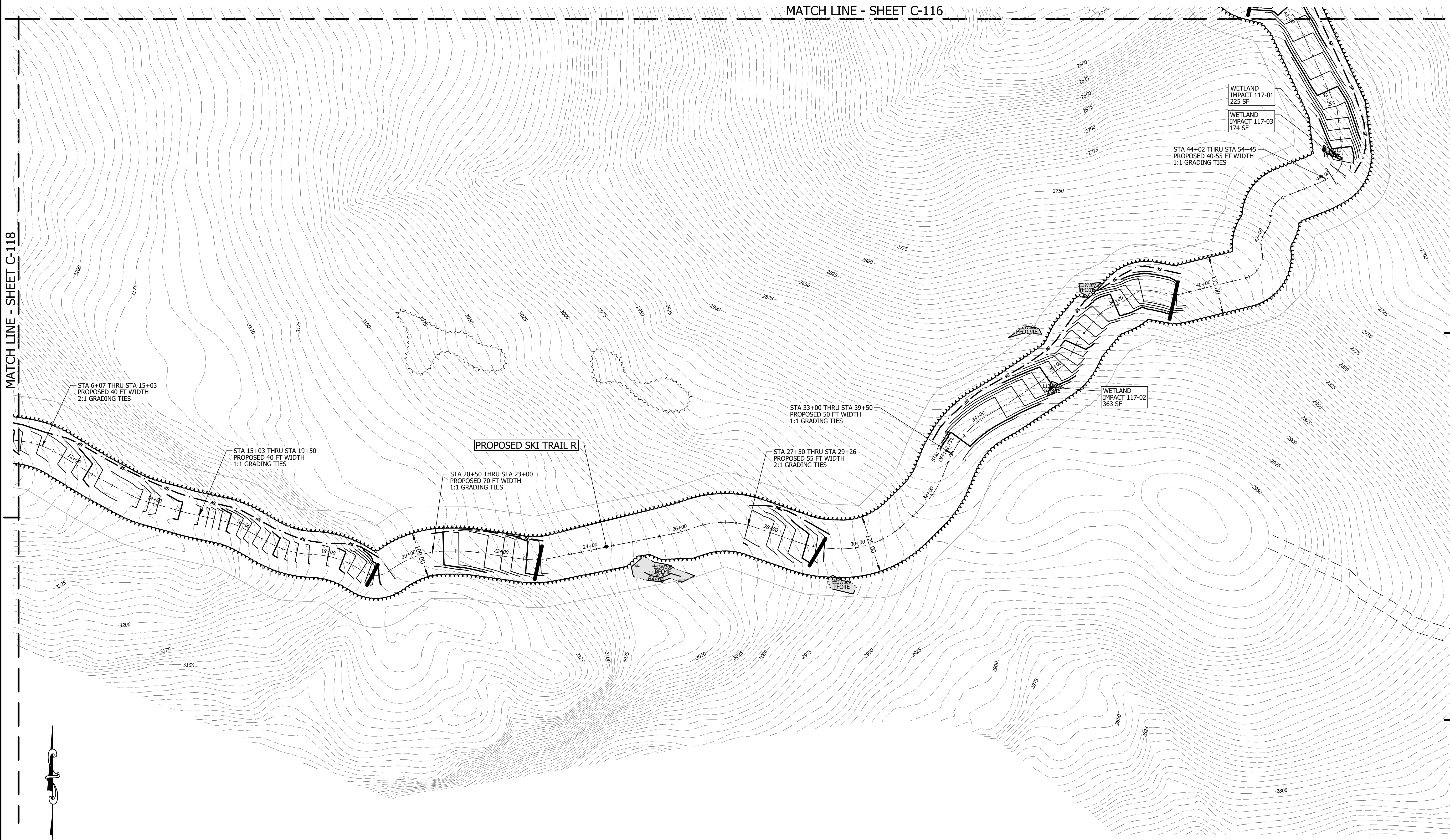


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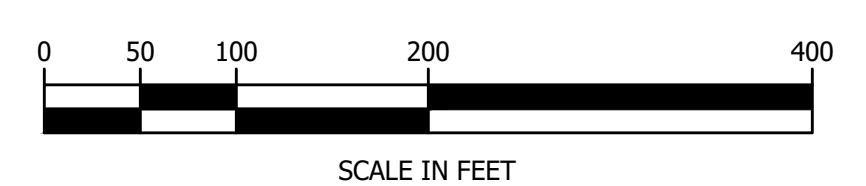


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117-01	Permanent	L13W311	PFO1E	N/A	225
117-02	Permanent	L13W310	PFO4E	N/A	363
117-03	Conversion	L13W311	PFO1E	N/A	174

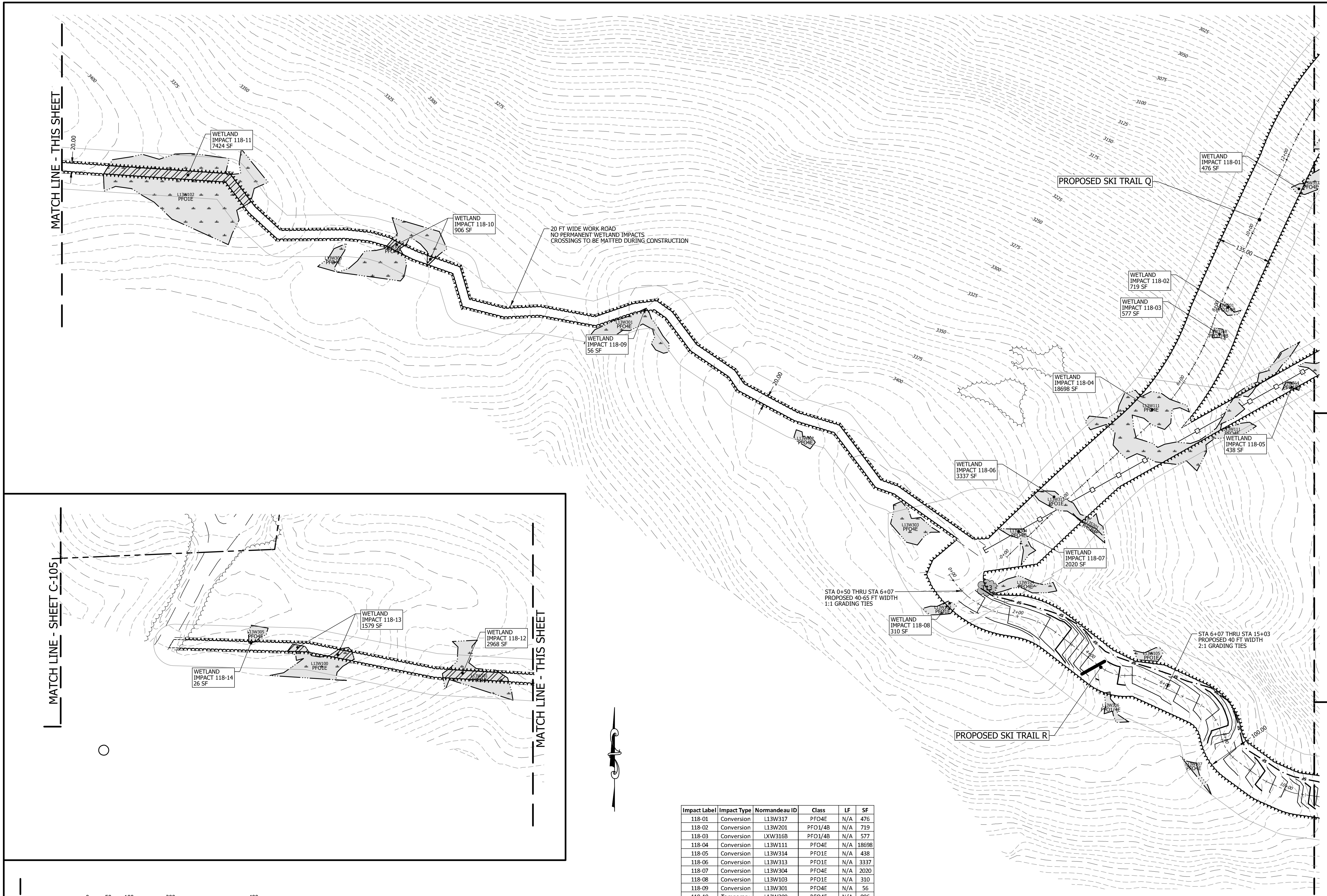
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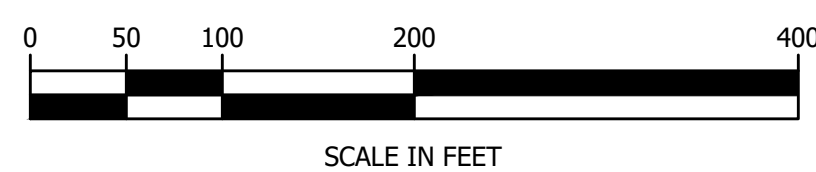
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MATCH LINE - THIS SHEET

MATCH LINE - SHEET C-105

MATCH LINE - THIS SHEET



Impact Label	Impact Type	Normandeau ID	Class	LF	SF
118-01	Conversion	L13W317	PFO4E	N/A	476
118-02	Conversion	L13W201	PFO1/4B	N/A	719
118-03	Conversion	LXW316B	PFO1/4B	N/A	577
118-04	Conversion	L13W111	PFO4E	N/A	18698
118-05	Conversion	L13W314	PFO1E	N/A	438
118-06	Conversion	L13W313	PFO1E	N/A	3337
118-07	Conversion	L13W304	PFO4E	N/A	2020
118-08	Conversion	L13W103	PFO1E	N/A	310
118-09	Conversion	L13W301	PFO4E	N/A	56
118-10	Temporary	L13W300	PFO4E	N/A	906
118-11	Temporary	L13W102	PFO1E	N/A	7424
118-12	Temporary	L13W101	PFO1E	N/A	2968
118-13	Temporary	L13W100	PFO1E	N/A	1579
118-14	Conversion	L13W305	PFO4E	N/A	26

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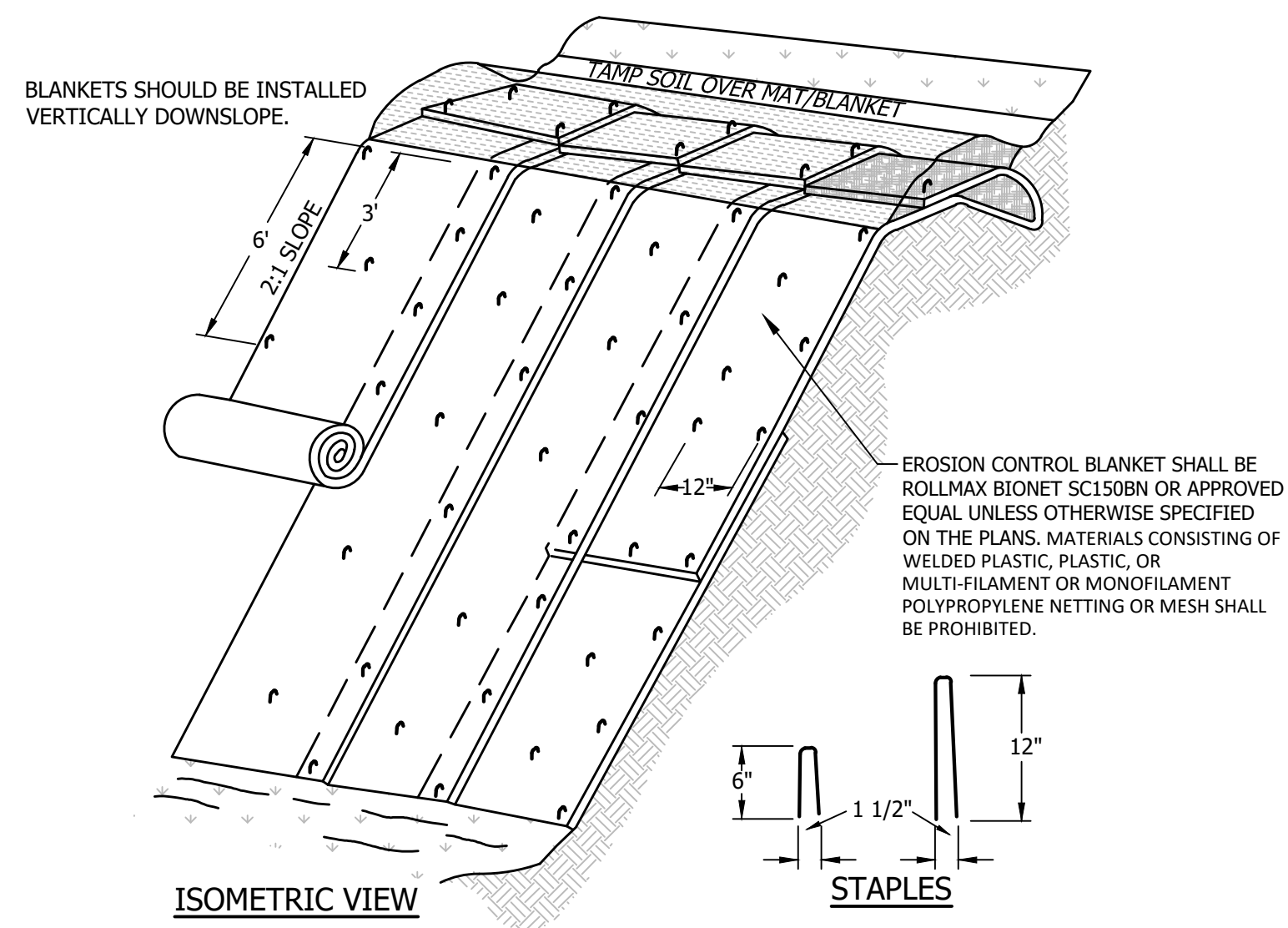
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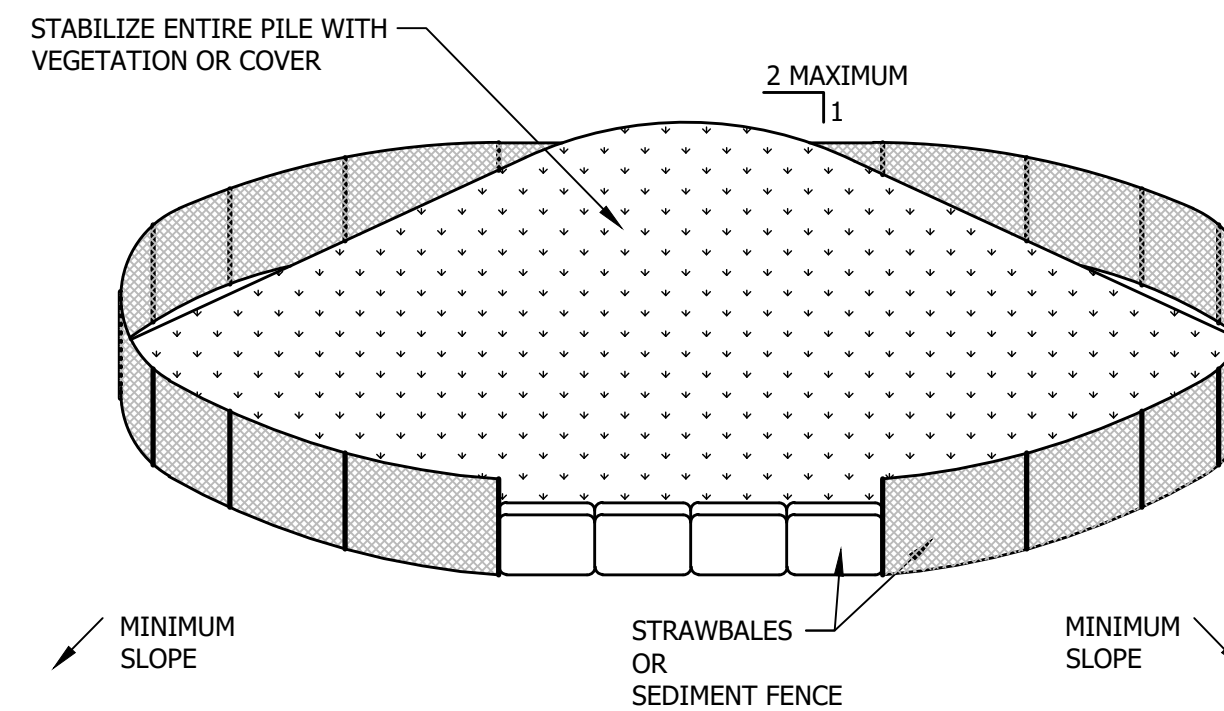
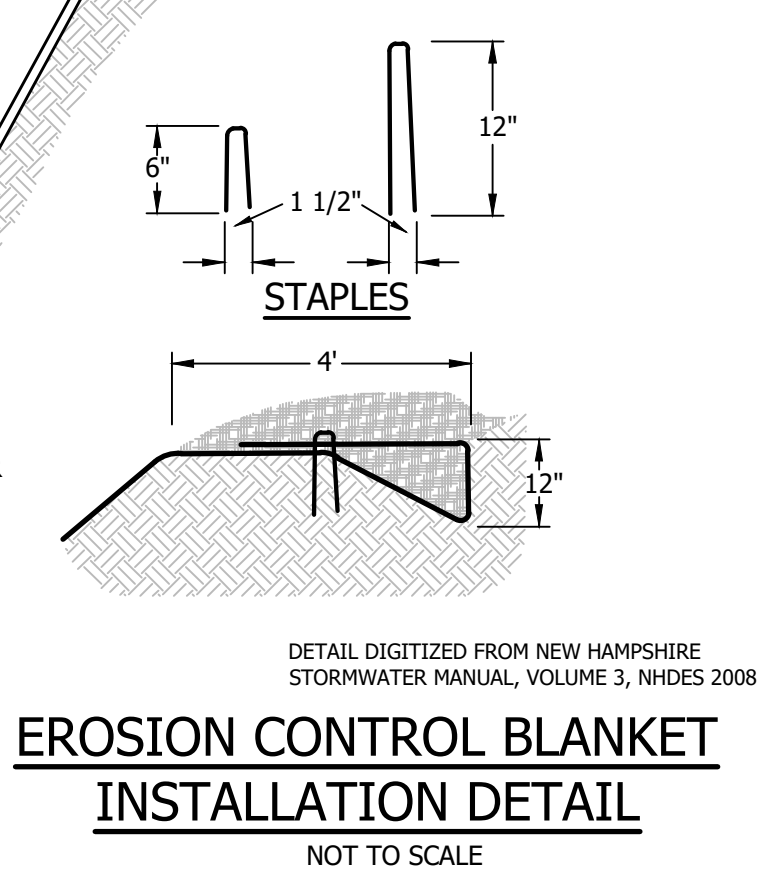


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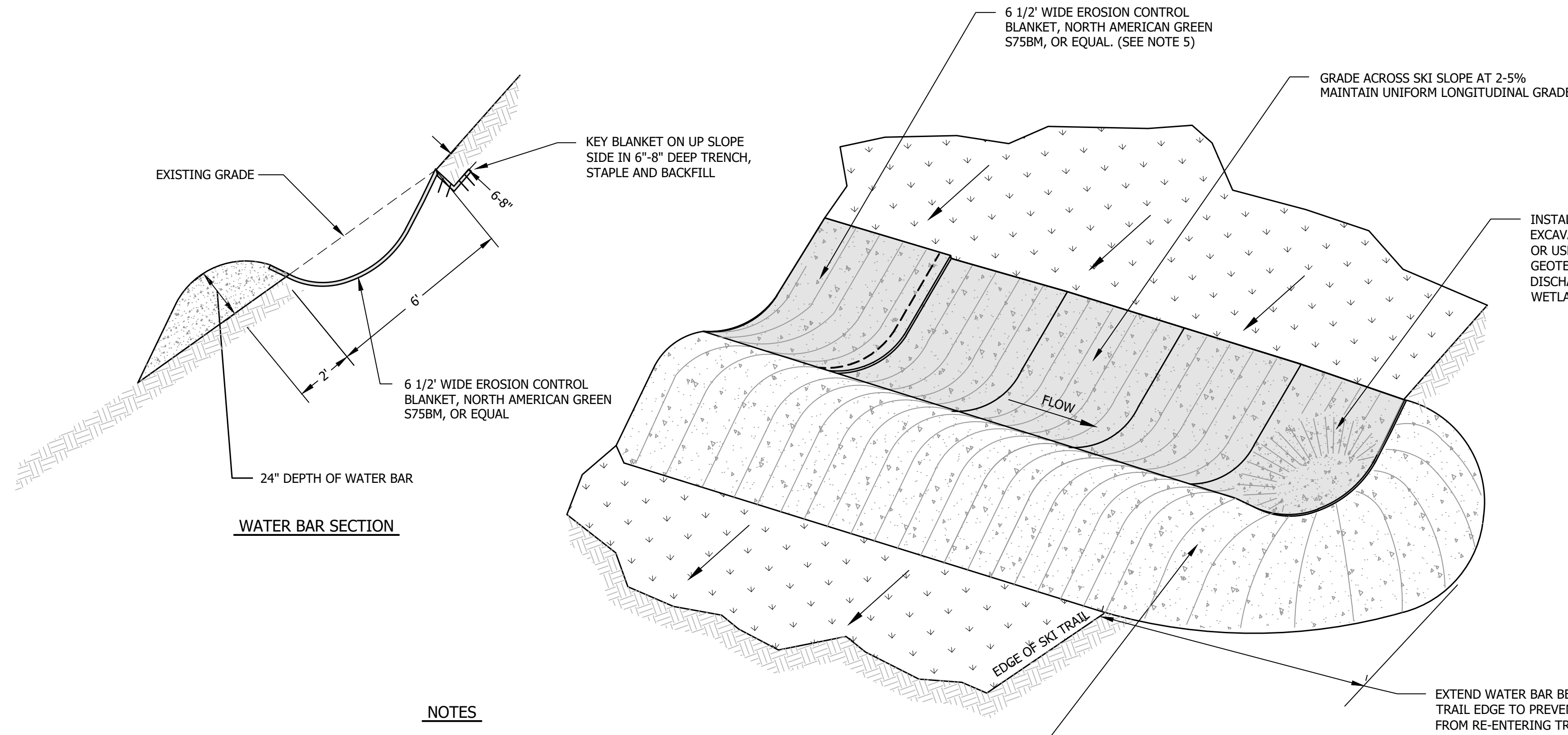
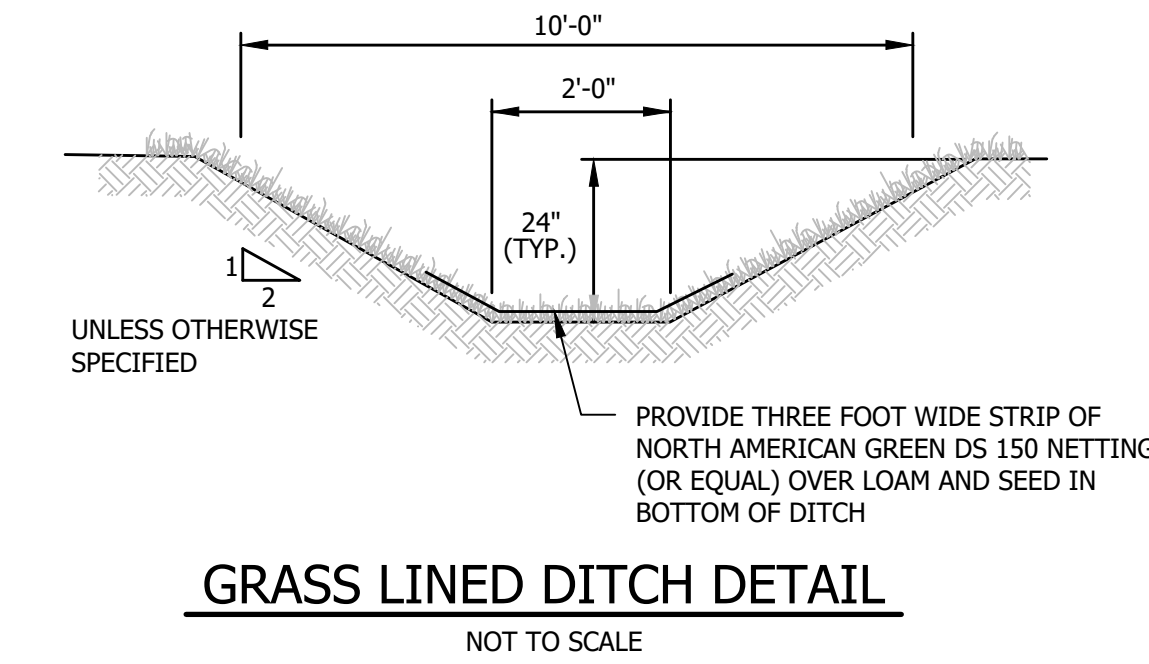
- NOTES:**
- DIMENSION GIVEN IN THE DRAWINGS ARE EXAMPLES; DEVICE SHOULD BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 - SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
 - APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
 - LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.



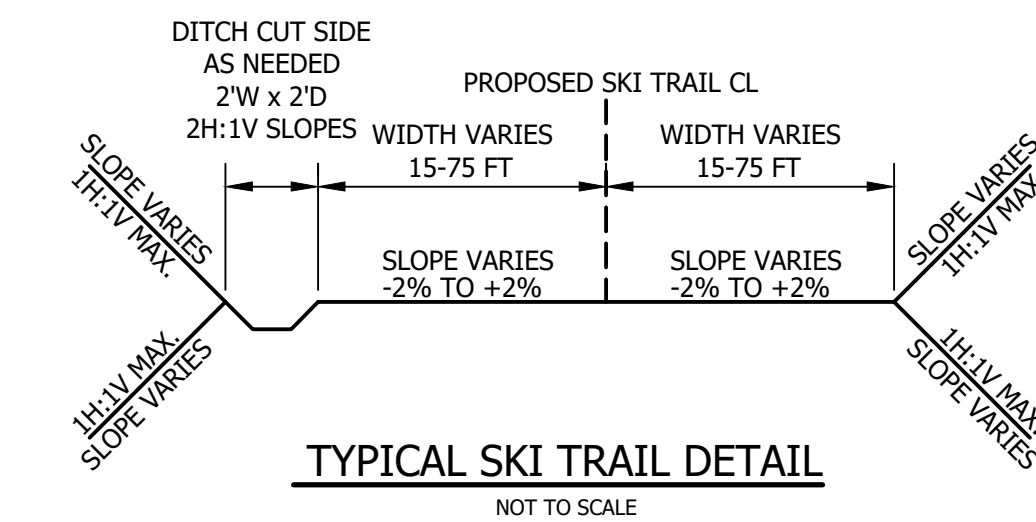
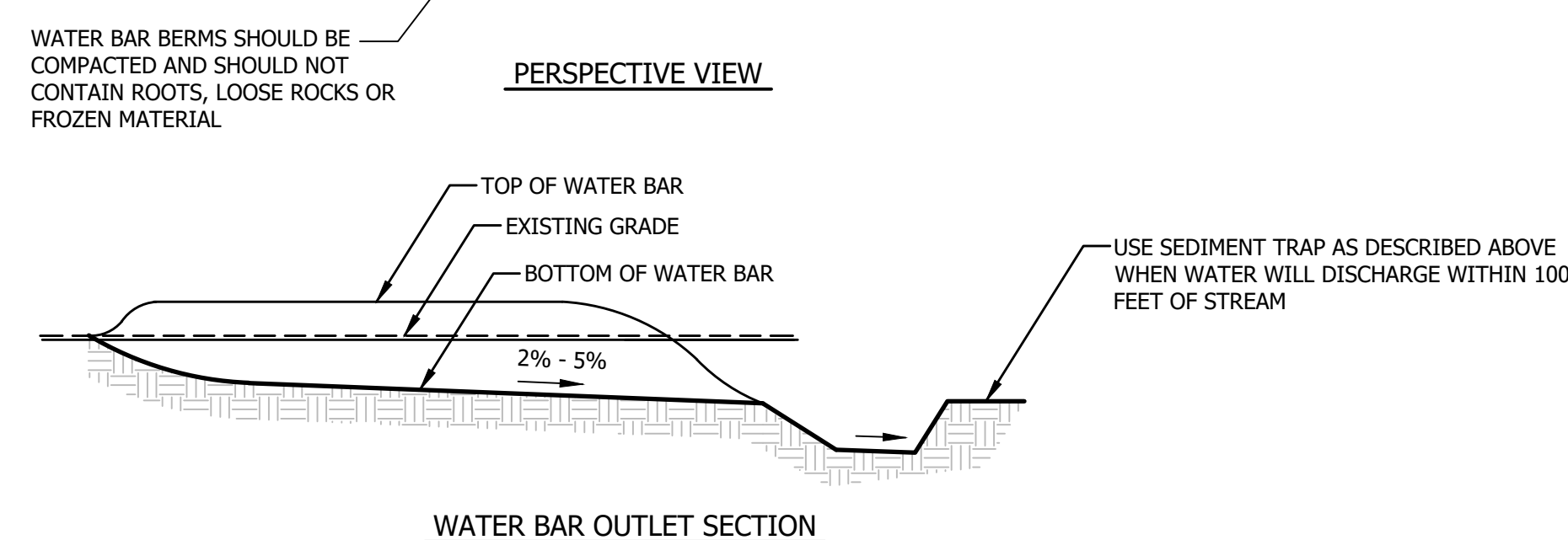
SOIL STOCKPILING IS TO BE USED WHERE TOPSOIL IS NECESSARY FOR REGRADING AND VEGETATING DISTURBED AREAS.

TEMPORARY STOCKPILE STABILIZATION MEASURES INCLUDE VEGETATIVE COVERS, MULCH, NON-VEGETATIVE COVERS, AND PERIPHERAL SEDIMENT TRAPPING BARRIERS. THE STABILIZATION MEASURE(S) SELECTED SHOULD BE APPROPRIATE FOR THE TIME OF YEAR, SITE CONDITIONS, AND REQUIRED PERIOD OF USE.

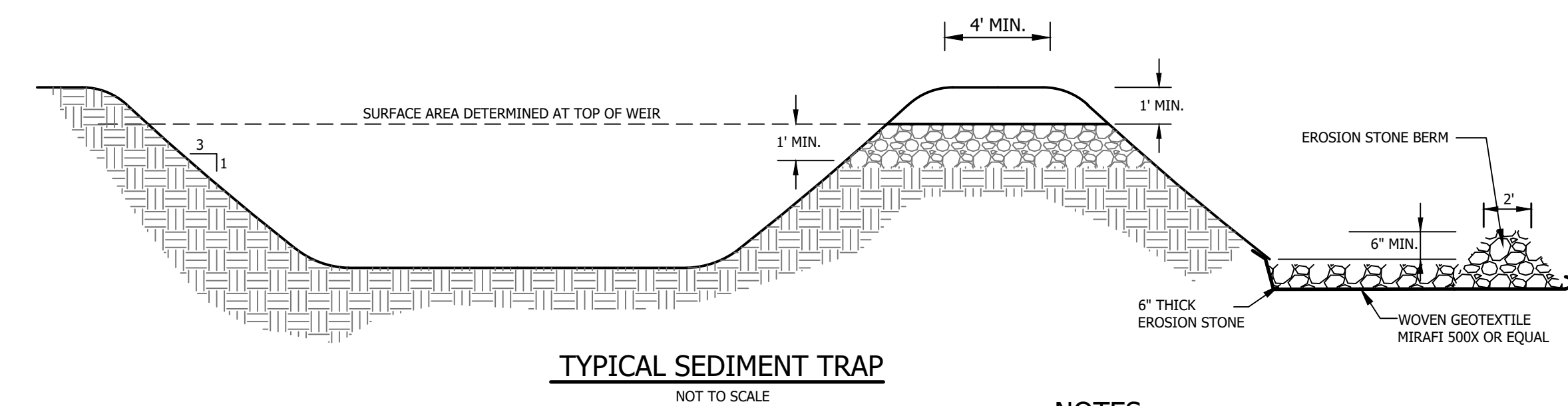
- INSTALLATION NOTES:**
- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
 - MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1.
 - UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES AND THEN STABILIZED WITH VEGETATION OR COVERED.



- NOTES**
- LOCATE WATER BARS CAREFULLY. DIVERT WATER INTO NATURAL UNDISTURBED GROUND.
 - WATER BARS ON SKI SLOPES SHALL BE IN LOCATIONS SHOWN IN PLANS. CONTRACTOR SHALL INSTALL ADDITIONAL WATER BARS (AS NEEDED) TO MAINTAIN SLOPE STABILITY.
 - SEDIMENT TRAPS SHOULD BE CONSTRUCTED AT THE END OF ALL WATER BARS, IF SUCH WATER BARS DISCHARGE WITHIN 100' OF WETLANDS OR STREAMS.
 - WATER BARS SHALL BE MACHINE COMPACTED AND SHOULD NOT CONTAIN FOREIGN MATERIAL OR LOOSE ROCKS AND ROOTS.
 - WATER BARS MAY BE STABILIZED WITH SEED AND MULCH WHERE FEASIBLE. IF EROSION MAT IS NOT USED AND EROSION OCCURS IN THE WATER BAR, THE WATER BAR SHALL BE REPAIRED AND LINED WITH EROSION CONTROL BLANKET, NORTH AMERICAN GREEN S75BN OR APPROVED EQUAL.
 - SEED, MULCH, AND STABILIZE IMMEDIATELY AFTER SOIL DISTURBANCE.



- NOTES :**
- SKI TRAIL DETAIL REFLECTS FINISHED GRADE OF TRAILS WITH SNOW COVERED SURFACE. ACTUAL SITE GRADES MAY NOT REFLECT TYPICAL SKI TRAIL DETAIL.
 - ACTUAL SITE GRADES THAT DO NOT REFLECT TYPICAL SKI TRAIL DETAIL SHALL HAVE SNOW BLOWN OVER THE EXISTING GRADE TO MATCH THE PARAMETERS OF THE SKI TRAIL DETAIL.



- NOTES :**
- SEDIMENTS TRAPS SHALL BE CONSTRUCTED AS NECESSARY TO CAPTURE RUNOFF DURING CONSTRUCTION. BASINS SHALL BE ELIMINATED/ BACKFILLED ONCE CONTRIBUTING DRAINAGE AREAS ARE STABLE. THE INFILTRATION BASIN IS CONSTRUCTED, AND PROPOSED GRADES AREA ACHIEVED.
 - THE TRAP SHALL BE INSTALLED AS CLOSE TO THE DISTURBED AREA AS POSSIBLE.
 - THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE TRAP SHALL BE LESS THAN 5 ACRES.
 - THE MINIMUM VOLUME OF THE TRAP SHALL BE 3,600 CUBIC FEET OF STORAGE FOR EACH ACRE OF DRAINAGE AREA.
 - THE SIDESLOPES SHALL BE 3:1 OR FLATTER, AND SHALL BE STABILIZED IMMEDIATELY AFTER THEIR CONSTRUCTION.
 - THE OUTLET OF THE TRAP SHALL BE A MINIMUM OF ONE FOOT BELOW THE CREST OF THE TRAP AND SHALL DISCHARGE TO A STABILIZED AREA.
 - THE TRAP SHALL BE CLEANED WHEN 50 PERCENT OF THE ORIGINAL VOLUME IS FILLED.
 - THE MATERIALS REMOVED FROM THE TRAP SHALL BE PROPERLY DISPOSED AND STABILIZED.

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17056 / 220115	FEB 2023			
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ENGINEERED BY:	KRP/NSG			
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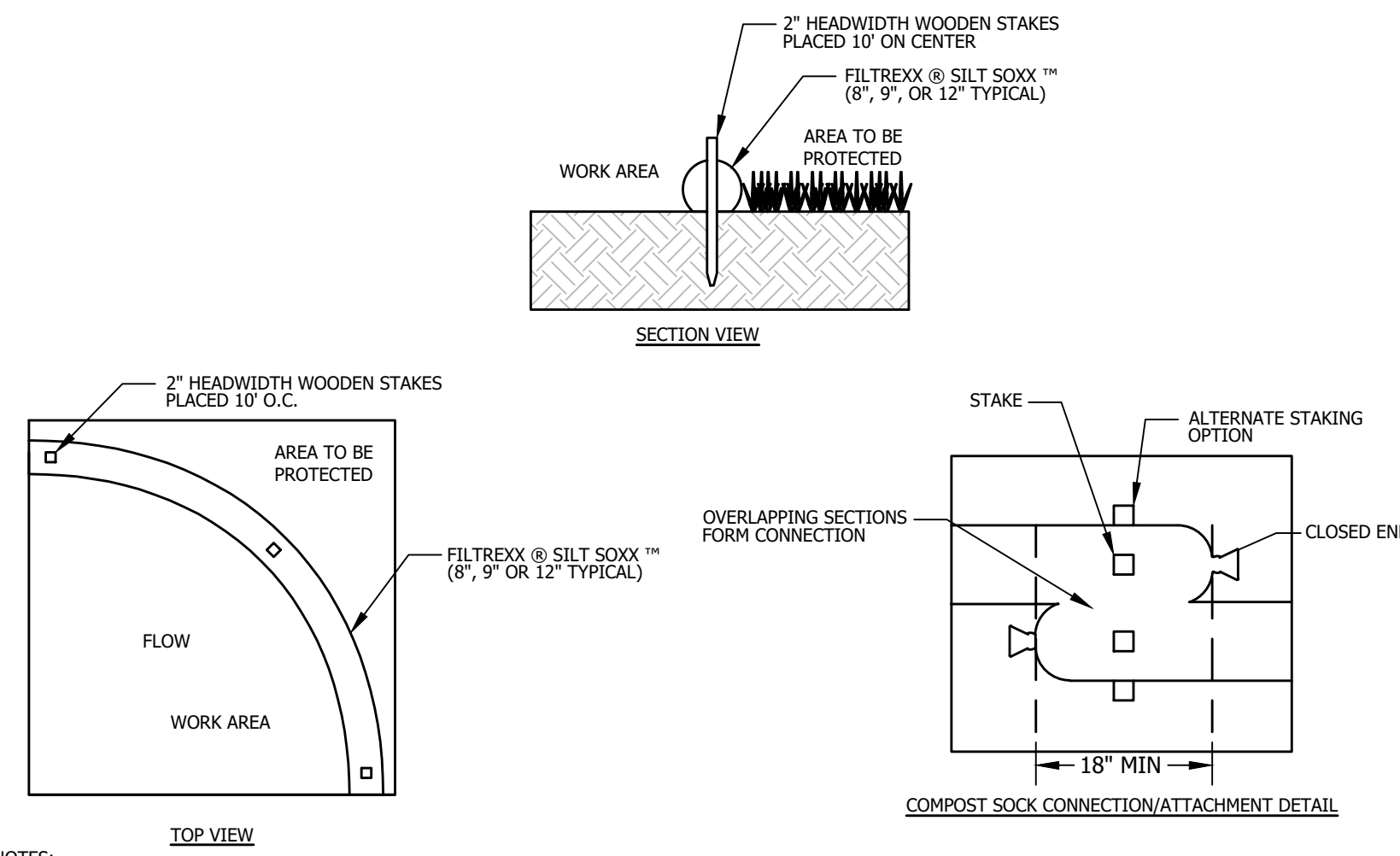
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DIXVILLE, COOS COUNTY, NEW HAMPSHIRE
THE BALSAMS - SKI LIFT AND TRAILS

EROSION CONTROLS NOTES AND DETAILS

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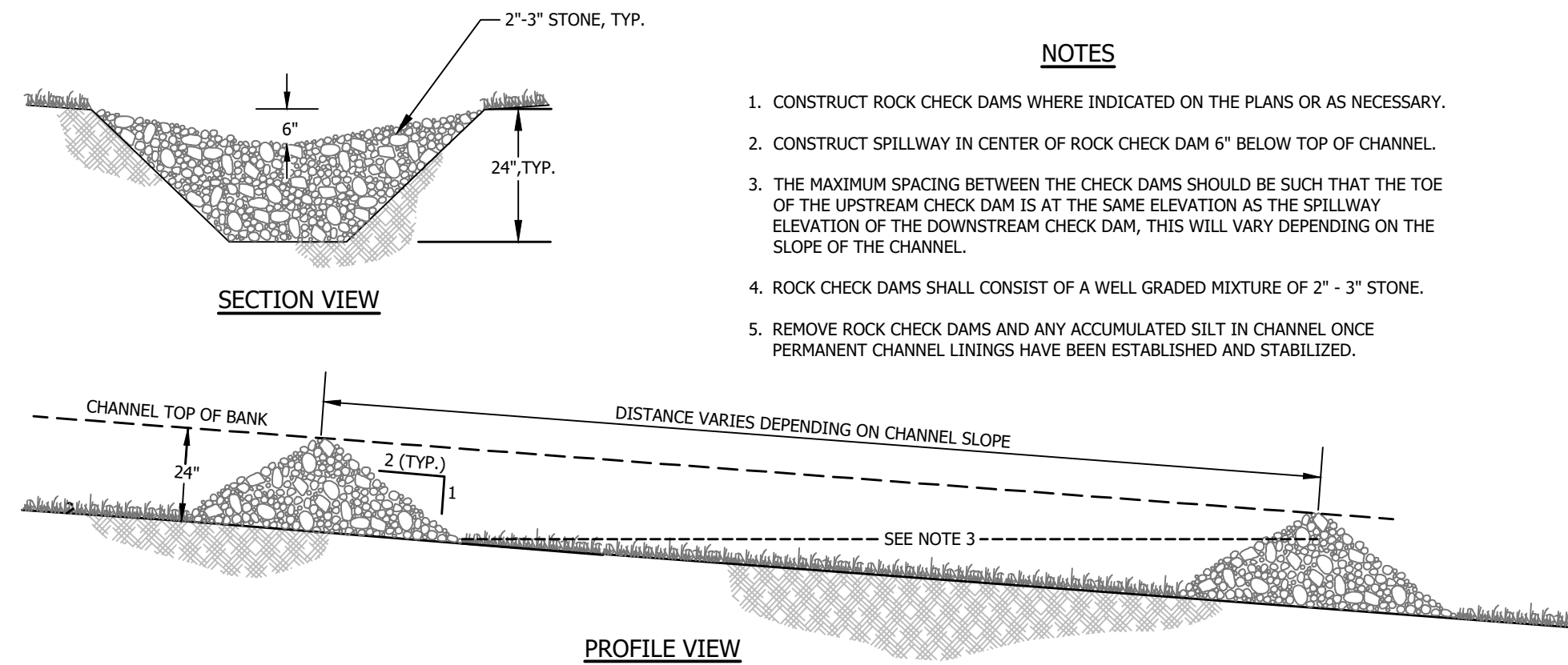


- NOTES:
1. ALL MATERIAL TO MEET FILTREX @ SPECIFICATIONS.
 2. SILT SOXX™ FILL TO MEET APPLICATION REQUIREMENTS.
 3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

filtréxx FILTREX INTERNATIONAL
35481 GRAFTON EASTERN RD.
GRAFTON, OH 44044
440-729-2627
WWW.FILTREX.COM

FILTREX® SILT SOXX™ DETAILS

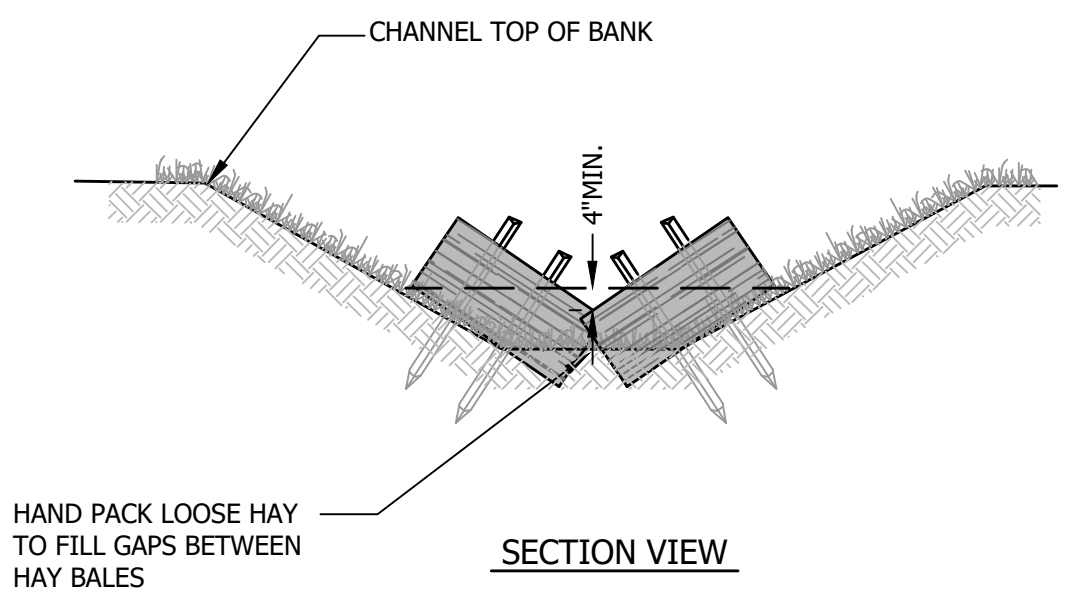
NOT TO SCALE
SOURCE: <https://www.filtréxx.com/en/resources/design-specs-cads/filtréxx-cad-files>
THIS DETAIL IS ADAPTED FROM "FILTREX® SILT SOXX™ & SEDIMENT TRAPP™ DETAILS" SHEET AND IS THE SOLE PROPERTY OF FILTREX INTERNATIONAL, LLC.



ROCK CHECK DAM DETAIL

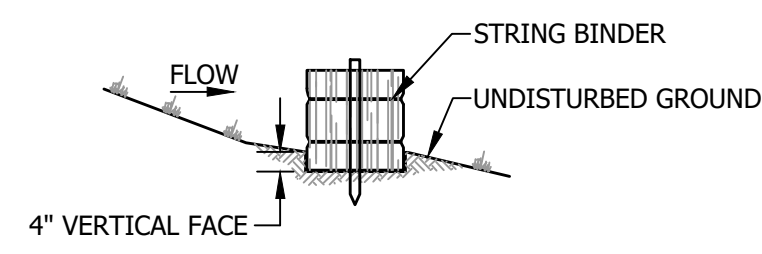
NO SCALE

- NOTES**
1. CONSTRUCT ROCK CHECK DAMS WHERE INDICATED ON THE PLANS OR AS NECESSARY.
 2. CONSTRUCT SPILLWAY IN CENTER OF ROCK CHECK DAM 6" BELOW TOP OF CHANNEL.
 3. THE MAXIMUM SPACING BETWEEN THE CHECK DAMS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM CHECK DAM IS AT THE SAME ELEVATION AS THE SPILLWAY ELEVATION OF THE DOWNSTREAM CHECK DAM, THIS WILL VARY DEPENDING ON THE SLOPE OF THE CHANNEL.
 4. ROCK CHECK DAMS SHALL CONSIST OF A WELL GRADED MIXTURE OF 2" - 3" STONE.
 5. REMOVE ROCK CHECK DAMS AND ANY ACCUMULATED SILT IN CHANNEL ONCE PERMANENT CHANNEL LININGS HAVE BEEN ESTABLISHED AND STABILIZED.



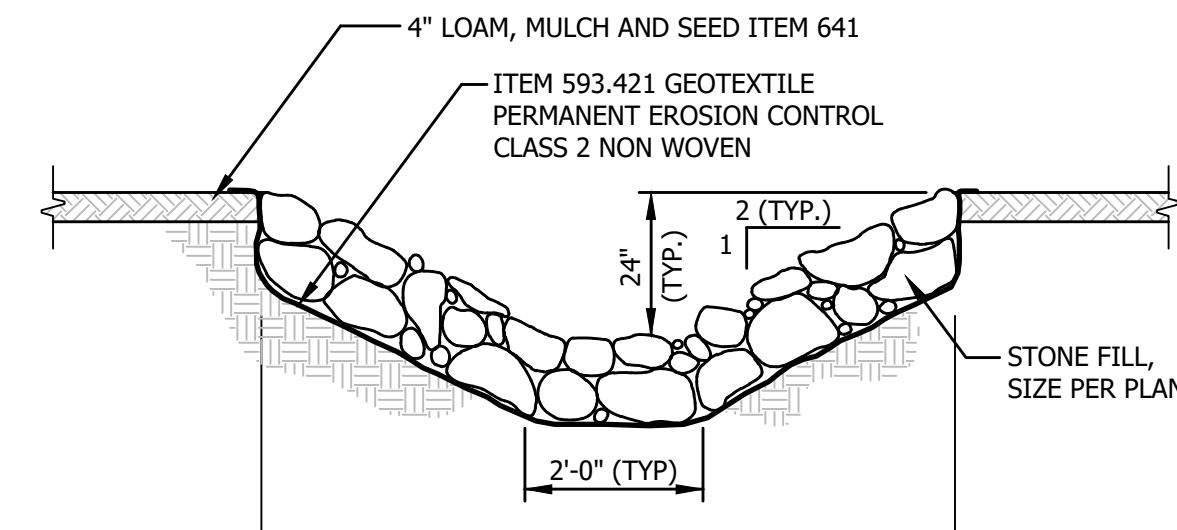
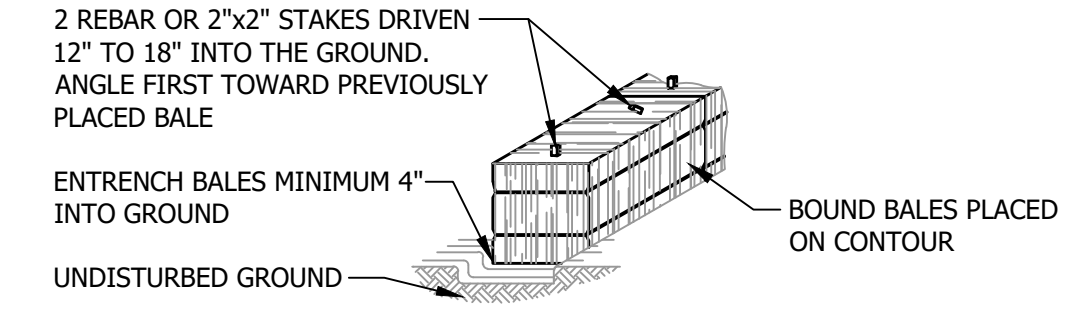
HAY BALE CHECK DAM

NOT TO SCALE



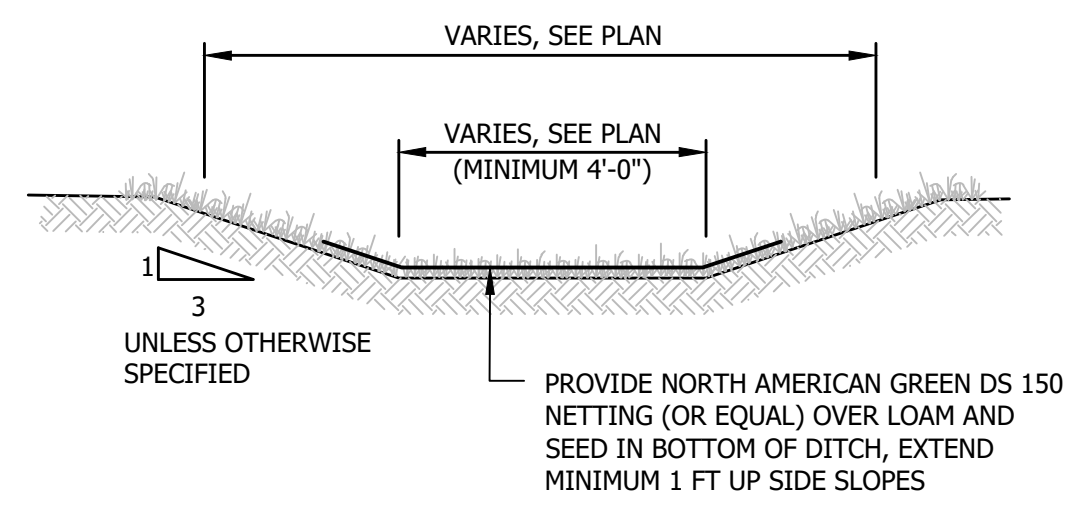
HAY BALE DIKE

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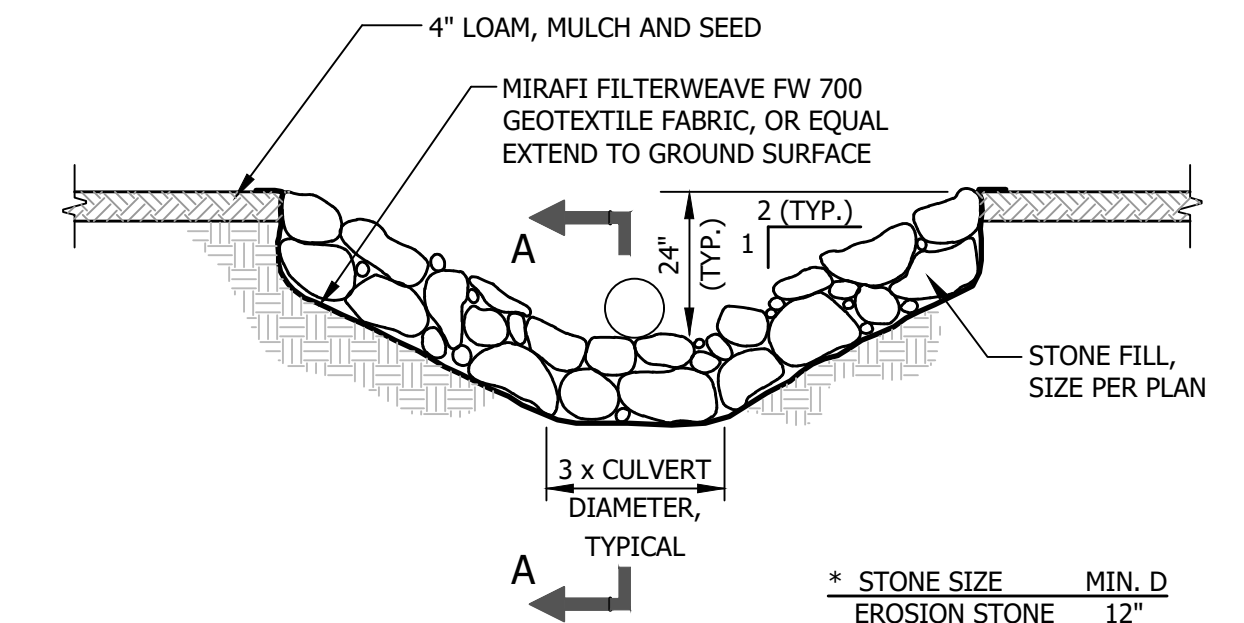
STONE LINED DITCH DETAIL

NOT TO SCALE

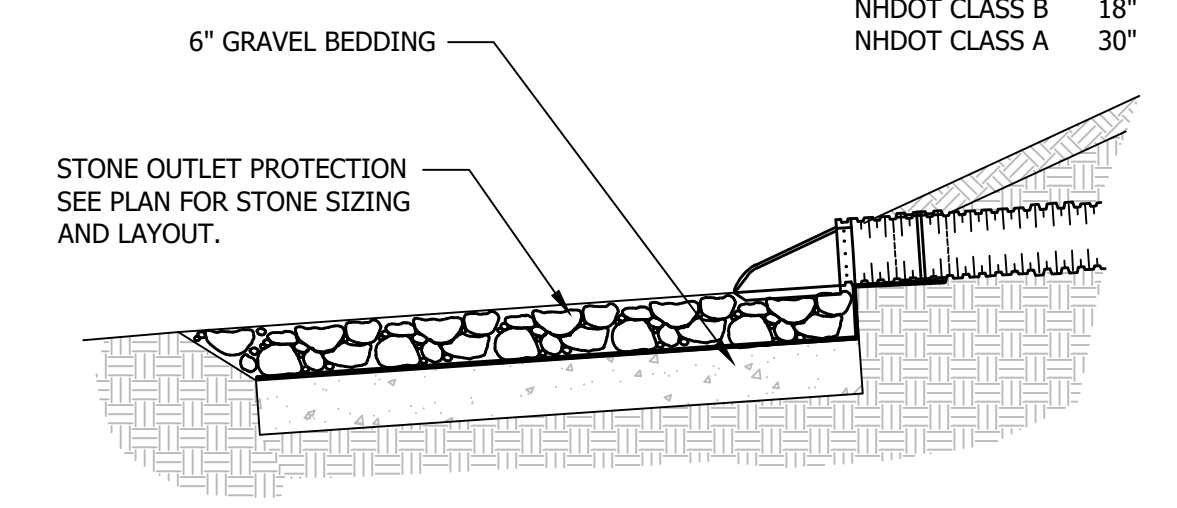


GRASS LINED SWALE DETAIL

NOT TO SCALE

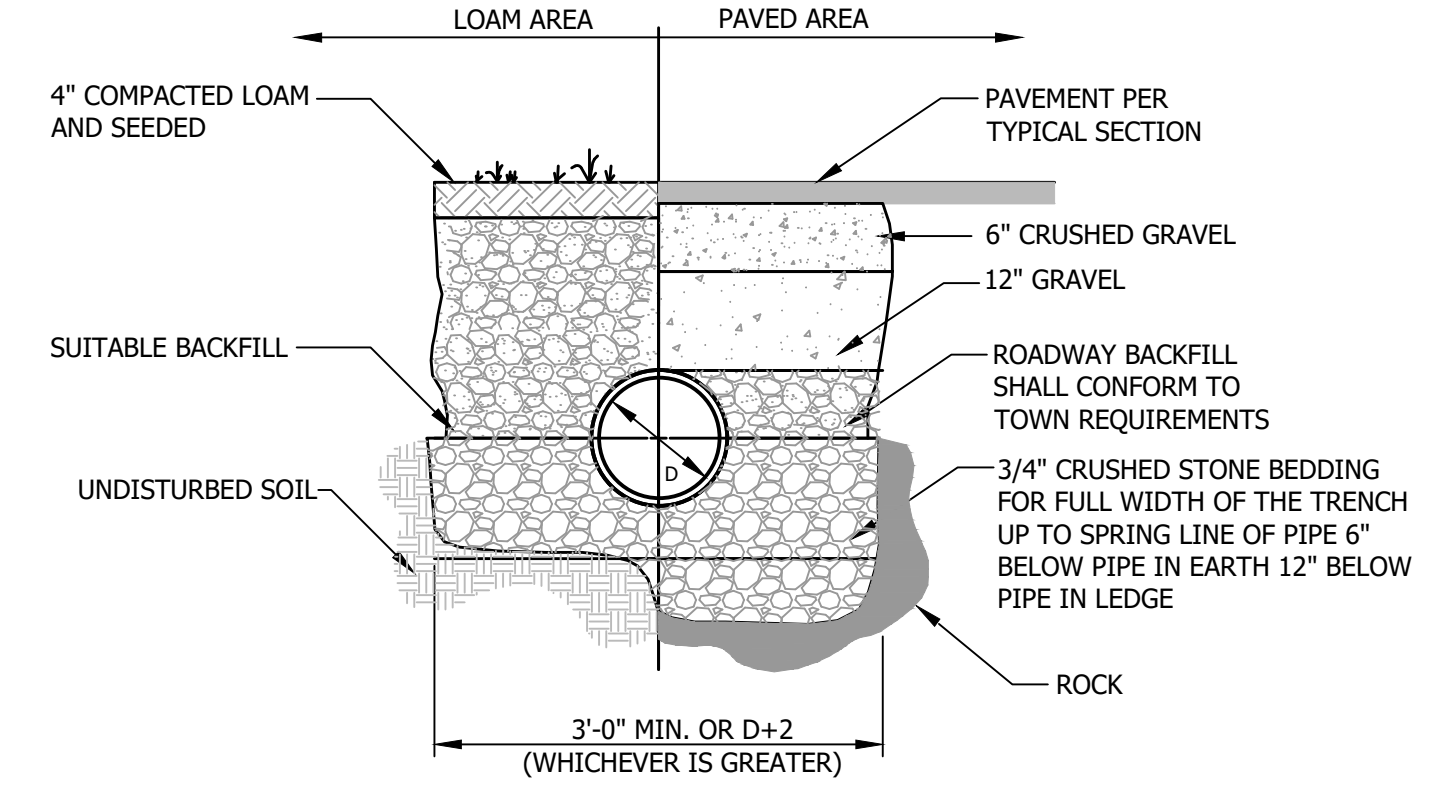


* STONE SIZE	MIN. D
EROSION STONE	12"
NHDOT CLASS C	12"
NHDOT CLASS B	18"
NHDOT CLASS A	30"



STONE LINED OUTLET DETAIL

NOT TO SCALE



TYPICAL CULVERT TRENCH DETAIL

NOT TO SCALE

NOTE:
BMPs SHOWN MAY NOT
APPLY TO THIS PROJECT.

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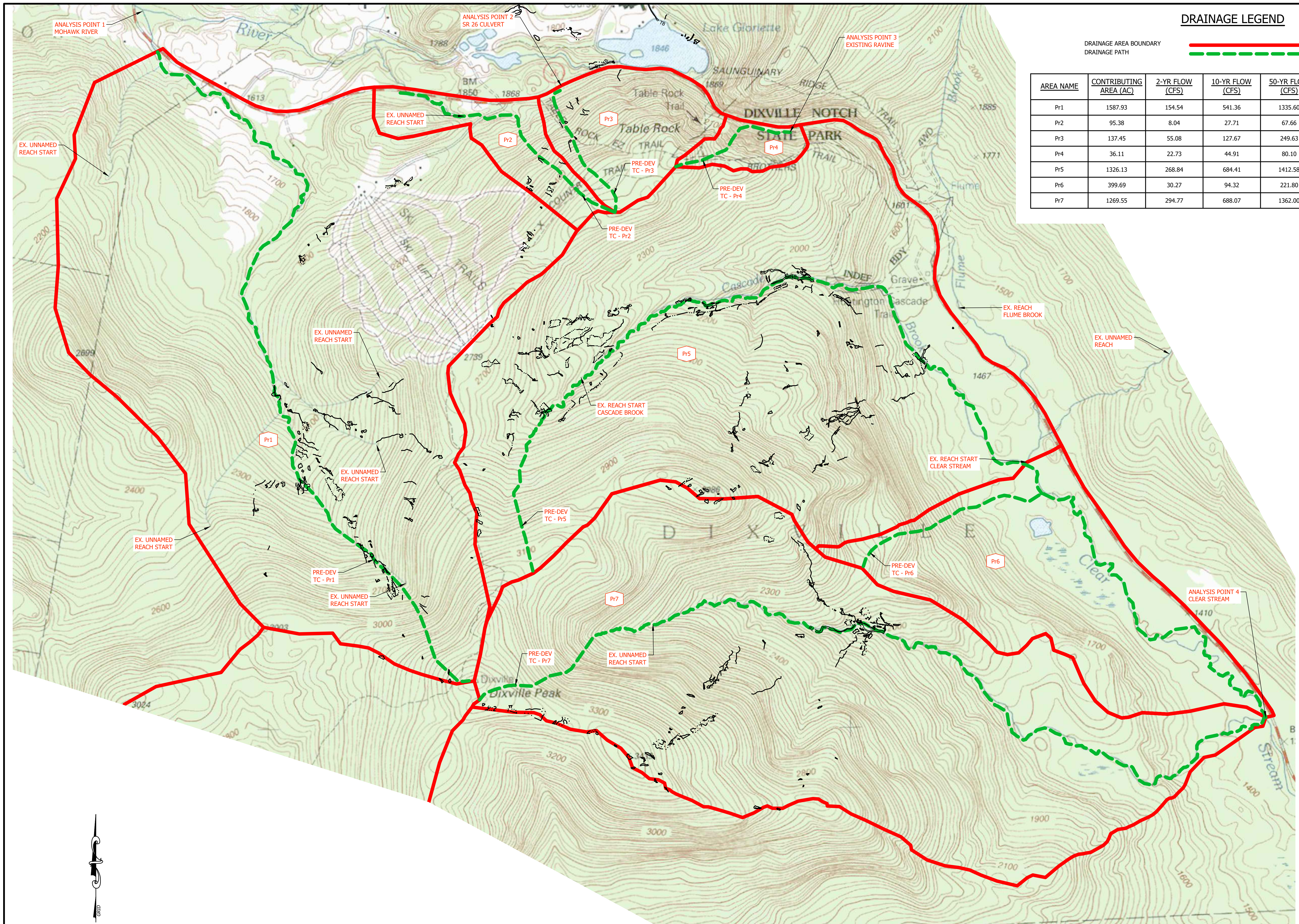
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EROSION CONTROLS NOTES AND DETAILS



DRAINAGE LEGEND

DRAINAGE AREA BOUNDARY:
 DRAINAGE PATH:

AREA NAME	CONTRIBUTING AREA (AC)	2-YR FLOW (CFS)	10-YR FLOW (CFS)	50-YR FLOW (CFS)	DISCHARGE POINT
Pr1	1587.93	154.54	541.36	1335.60	AP1
Pr2	95.38	8.04	27.71	67.66	AP1
Pr3	137.45	55.08	127.67	249.63	AP2
Pr4	36.11	22.73	44.91	80.10	AP3
Pr5	1326.13	268.84	684.41	1412.58	AP4
Pr6	399.69	30.27	94.32	221.80	AP4
Pr7	1269.55	294.77	688.07	1362.00	AP4

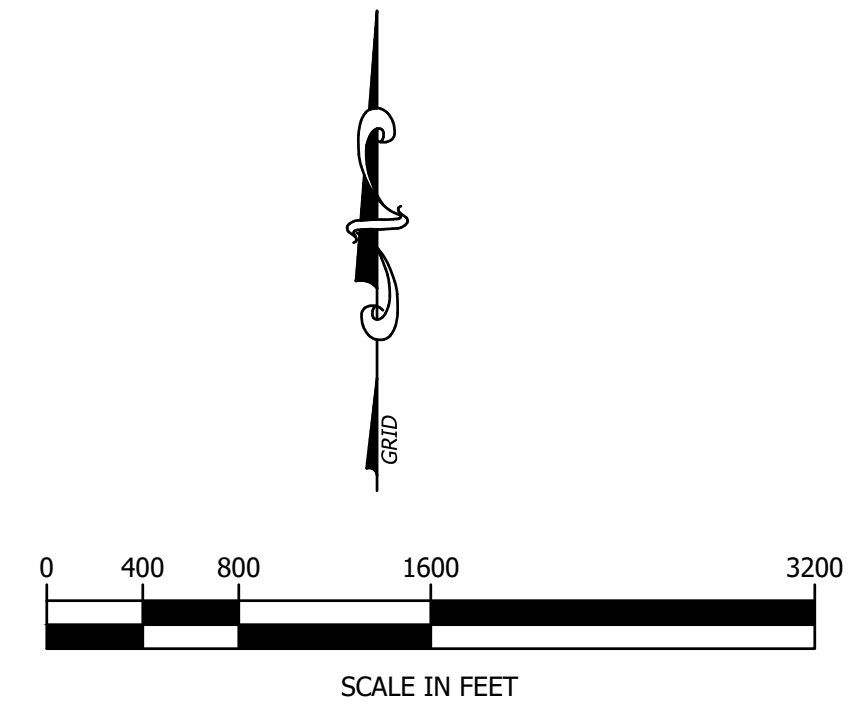
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PRE-DEVELOPMENT ANALYSIS PLAN OVERVIEW

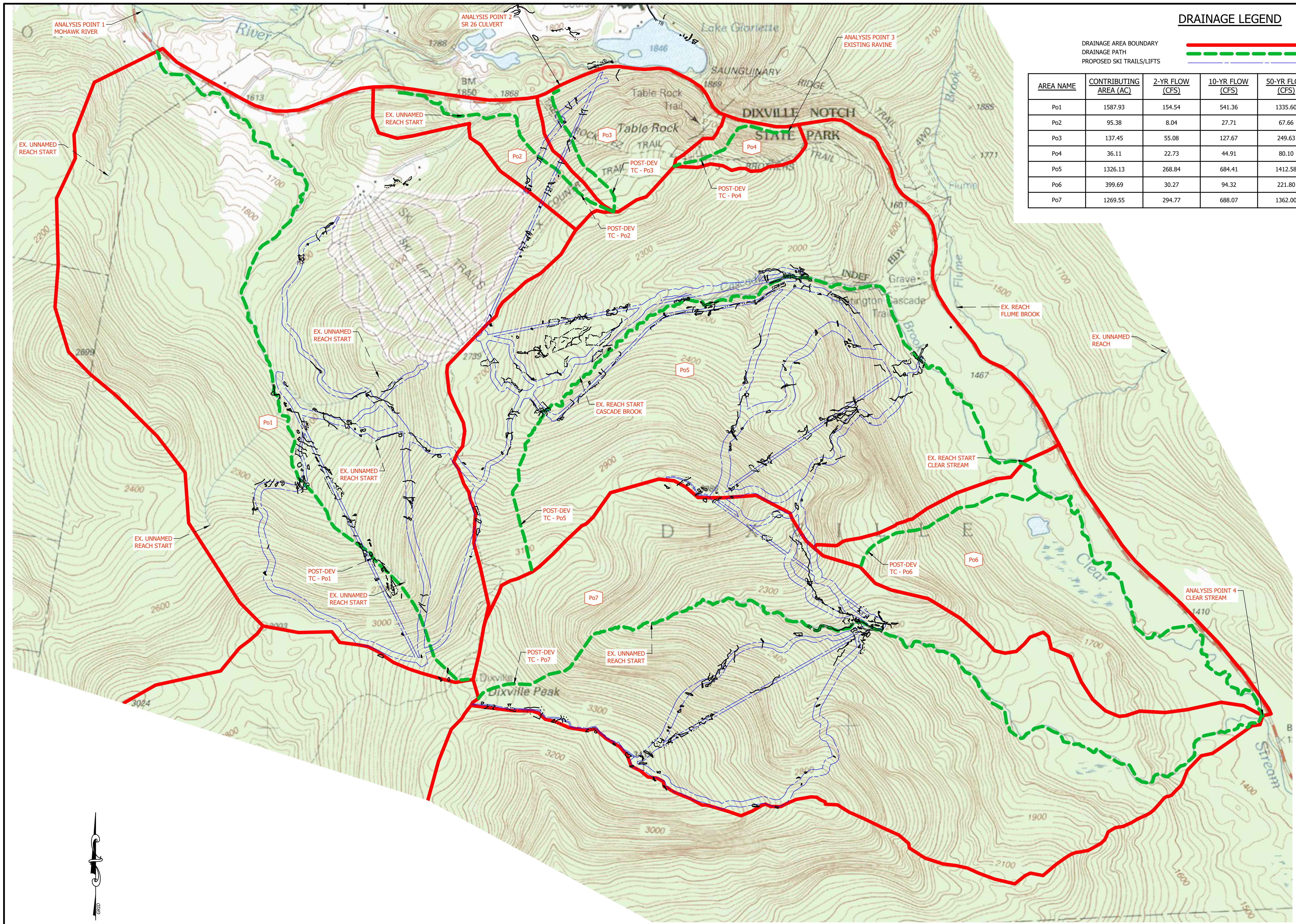


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DRAINAGE LEGEND

DRAINAGE AREA BOUNDARY
 DRAINAGE PATH
 PROPOSED SKI TRAILS/LIFTS

AREA NAME	CONTRIBUTING AREA (AC)	2-YR FLOW (CFS)	10-YR FLOW (CFS)	50-YR FLOW (CFS)	DISCHARGE POINT
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Po3	137.45	55.08	127.67	249.63	AP2
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Po6	399.69	30.27	94.32	221.80	AP4
Po7	1269.55	294.77	688.07	1362.00	AP4

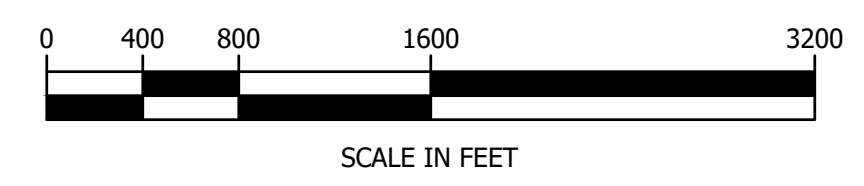
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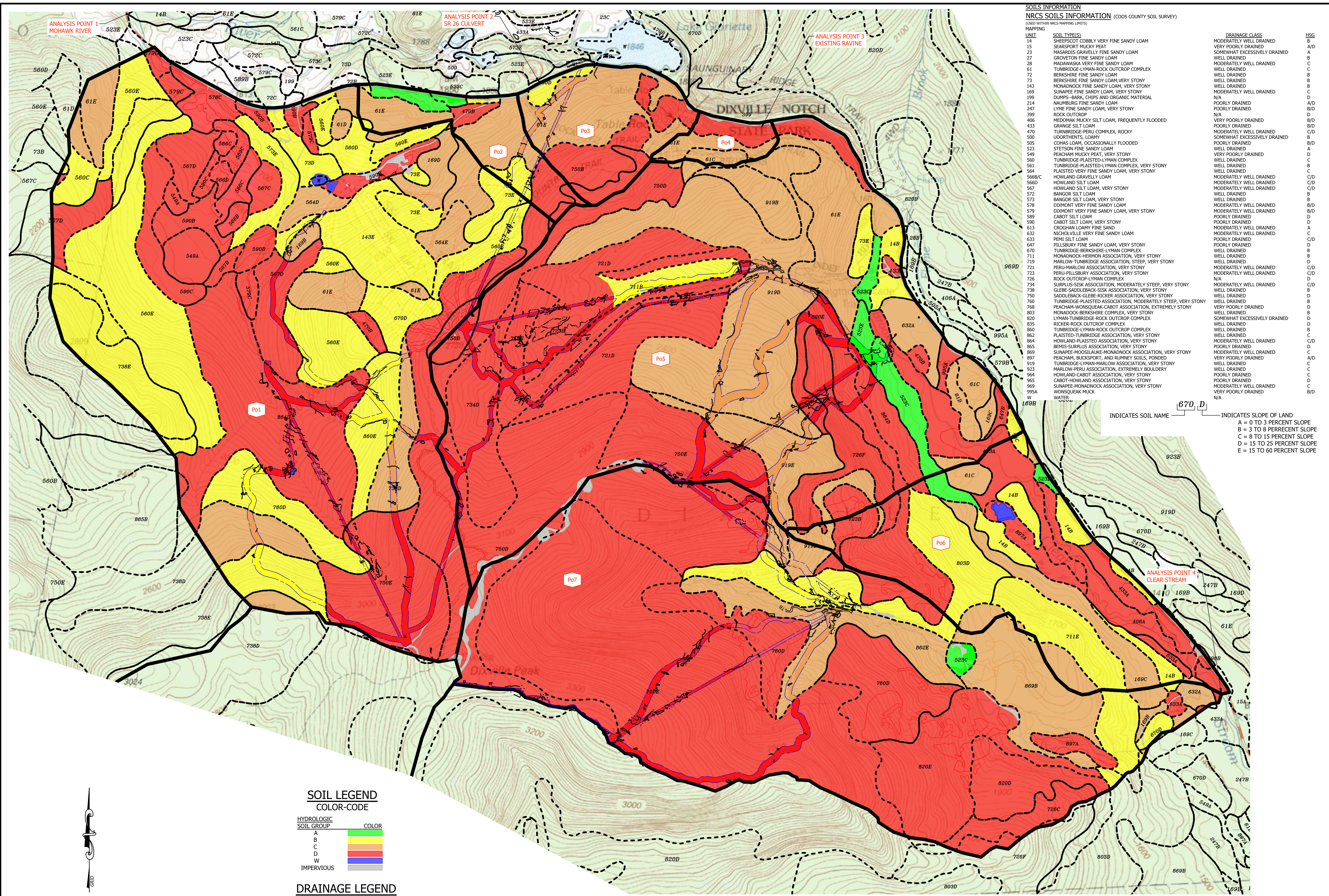
PRE-DEVELOPMENT ANALYSIS PLAN OVERVIEW



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SOILS INFORMATION
NRCS SOILS INFORMATION (COOS COUNTY SOIL SURVEY)
(USED WITHIN NRCS MAPPING LIMITS)
 MAPPING:

UNIT	SOIL TYPE(S)	DRAINAGE CLASS	HSG
14	SHEEPSKOT COBBLY VERY FINE SANDY LOAM	MODERATELY WELL DRAINED	B
15	SEASPORT MUCKY PEAT	VERY POORLY DRAINED	A
22	MASARUS GRAVELLY FINE SANDY LOAM	SOMEWWHAT EXCESSIVELY DRAINED	B
27	GROVETON FINE SANDY LOAM	WELL DRAINED	A
28	MADAWASKA VERY FINE SANDY LOAM	MODERATELY WELL DRAINED	C
61	TUNBRIDGE-LYMAN-ROCK OUTCROP COMPLEX	WELL DRAINED	B
72	BERKSHIRE FINE SANDY LOAM	WELL DRAINED	B
73	BERKSHIRE FINE SANDY LOAM, VERY STONY	WELL DRAINED	B
143	MONADNOCK FINE SANDY LOAM, VERY STONY	WELL DRAINED	B
169	SUNAPEE FINE SANDY LOAM, VERY STONY	MODERATELY WELL DRAINED	D
199	DUMPS-BARK, CHIPS AND ORGANIC MATERIAL	N/A	D
214	NAUMBURG FINE SANDY LOAM	POORLY DRAINED	A/D
247	LYME FINE SANDY LOAM, VERY STONY	POORLY DRAINED	B
399	ROCK OUTCROP	N/A	D
406	MEDOMAK MUCKY SILT LOAM, FREQUENTLY FLOODED	VERY POORLY DRAINED	B/D
433	GRANGE SILT LOAM	POORLY DRAINED	B/D
479	TUNBRIDGE-PERU COMPLEX, ROCKY	MODERATELY WELL DRAINED	C/D
500	UDORTHENTS, LOAMY	SOMEWWHAT EXCESSIVELY DRAINED	B
505	COHAS LOAM, OCCASIONALLY FLOODED	POORLY DRAINED	B/D
523	STETSON FINE SANDY LOAM	WELL DRAINED	A
572	PEACHAM MUCKY PEAT, VERY STONY	VERY POORLY DRAINED	D
560	TUNBRIDGE-PLAISTED-LYMAN COMPLEX	WELL DRAINED	A
561	TUNBRIDGE-PLAISTED-LYMAN COMPLEX, VERY STONY	WELL DRAINED	C
564	PLAISTED VERY FINE SANDY LOAM, VERY STONY	MODERATELY WELL DRAINED	C/D
566/C	HOWLAND GRAVELLY LOAM	MODERATELY WELL DRAINED	C/D
566/D	HOWLAND SILT LOAM	MODERATELY WELL DRAINED	C/D
567	HOWLAND SILT LOAM, VERY STONY	MODERATELY WELL DRAINED	C/D
572	BANGOR SILT LOAM	WELL DRAINED	B
573	BANGOR SILT LOAM, VERY STONY	WELL DRAINED	B
578	DIXMONT VERY FINE SANDY LOAM	MODERATELY WELL DRAINED	B/D
579	DIXMONT VERY FINE SANDY LOAM, VERY STONY	MODERATELY WELL DRAINED	B/D
589	CABOT SILT LOAM	POORLY DRAINED	D
590	CABOT SILT LOAM, VERY STONY	POORLY DRAINED	D
613	CROGHAN LOAMY FINE SAND	MODERATELY WELL DRAINED	A
632	NICHOLVILLE VERY FINE SANDY LOAM	MODERATELY WELL DRAINED	B/D
633	PEM SILT LOAM	POORLY DRAINED	C/D
647	PILLSBURY FINE SANDY LOAM, VERY STONY	POORLY DRAINED	D
670	TUNBRIDGE-BERKSHIRE-LYMAN COMPLEX	WELL DRAINED	B
711	MONADNOCK-HERNON ASSOCIATION, VERY STONY	WELL DRAINED	B
719	MARLOW-TUNBRIDGE ASSOCIATION, STEEP, VERY STONY	WELL DRAINED	C/D
721	PERU-MARLOW ASSOCIATION, VERY STONY	MODERATELY WELL DRAINED	C/D
723	PERU-PILLSBURY ASSOCIATION, VERY STONY	MODERATELY WELL DRAINED	C/D
726	ROCK OUTCROP-LYMAN COMPLEX	N/A	D
734	SURPLUS-SISK ASSOCIATION, MODERATELY STEEP, VERY STONY	MODERATELY WELL DRAINED	C/D
738	GLEBE-SADDLEBACK-SISK ASSOCIATION, VERY STONY	WELL DRAINED	B
750	SADDLEBACK-GLEBE-SISK ASSOCIATION, VERY STONY	WELL DRAINED	B
760	TUNBRIDGE-PLAISTED ASSOCIATION, MODERATELY STEEP, VERY STONY	WELL DRAINED	B
768	PEACHAM-WONSQUEAK-CABOT ASSOCIATION, EXTREMELY STONY	VERY POORLY DRAINED	D
803	MONADNOCK-BERKSHIRE COMPLEX, VERY STONY	WELL DRAINED	B
800	LYMAN-TUNBRIDGE-ROCK OUTCROP COMPLEX	SOMEWWHAT EXCESSIVELY DRAINED	B
835	RICKER-ROCK OUTCROP COMPLEX	WELL DRAINED	B
860	TUNBRIDGE-LYMAN-ROCK OUTCROP COMPLEX	WELL DRAINED	B
862	PLAISTED-TUNBRIDGE ASSOCIATION, VERY STONY	WELL DRAINED	B
864	HOWLAND-PLAISTED ASSOCIATION, VERY STONY	MODERATELY WELL DRAINED	C/D
865	BEMIS-SURPLUS ASSOCIATION, VERY STONY	POORLY DRAINED	D
869	SUNAPEE-MOSSILAKE-MONADNOCK ASSOCIATION, VERY STONY	MODERATELY WELL DRAINED	C/D
897	PEACHAM, BUCKSPORT, AND RUMNEY SOILS, POKED	VERY POORLY DRAINED	D
919	TUNBRIDGE-LYMAN-MARLOW ASSOCIATION, VERY STONY	WELL DRAINED	B
923	MARLOW-PERU ASSOCIATION, EXTREMELY BOULDERY	WELL DRAINED	B
964	HOWLAND-CABOT ASSOCIATION, VERY STONY	POORLY DRAINED	D
965	CABOT-HOWLAND ASSOCIATION, VERY STONY	POORLY DRAINED	D
969	SUNAPEE-MONADNOCK ASSOCIATION, VERY STONY	MODERATELY WELL DRAINED	C/D
995A	WONSQUEAK MUCK	VERY POORLY DRAINED	D
W	WATER	N/A	B/D

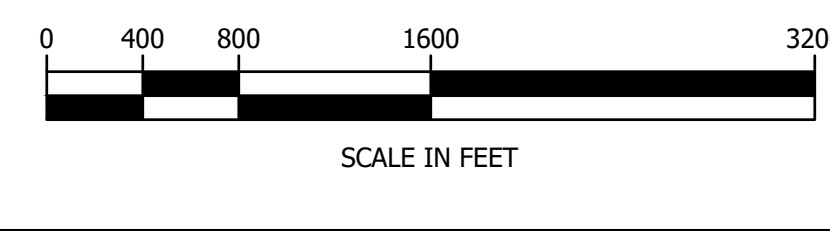
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				DRAWN BY:	KRP/NSG			
				CHECKED BY:	DEB			

SOIL LEGEND
COLOR-CODE

HYDROLOGIC SOIL GROUP	COLOR
A	Green
B	Yellow
C	Orange
D	Red
W	Blue
IMPERVIOUS	Grey

DRAINAGE LEGEND

- DRAINAGE AREA BOUNDARY
- - - SOIL BOUNDARIES
- - - PROPOSED SKI TRAILS/LIFTS
- SOIL TYPE



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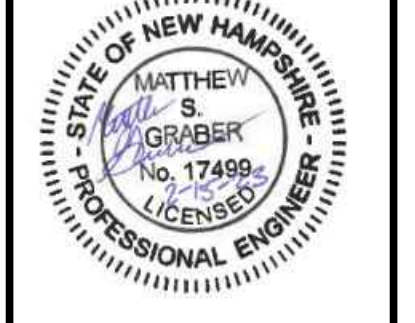
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POST-DEVELOPMENT HYDROLOGIC SOILS MAP



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