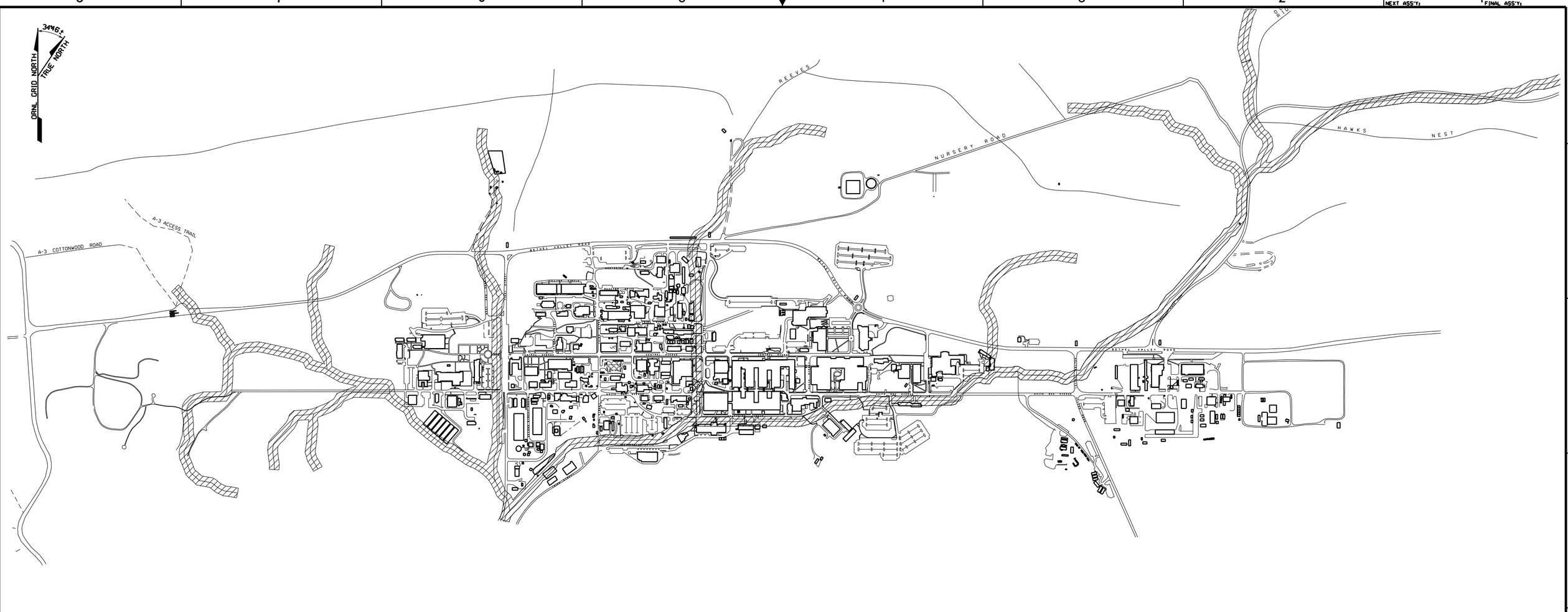

LEGEND

RIPARIAN ZONE, APPROX 59 FEET ON EACH SIDE OF THE STREAM, SEE ORNL NPDES WATER QUALITY PROTECTION PLAN, OCTOBER 2008, VOLUME 1, BEST MANAGEMENT PRACTICES

NOTES:

1. LOCATION OF ZONES ARE APPROXIMATE DEPENDING ON ACTUAL PHYSICAL CONSTRAINTS.
2. PREVIOUSLY UNIMPACTED RIPARIAN ZONES AND INTACT PORTIONS OF IMPACTED ZONES ARE PROTECTED.
3. WHERE IMPROVEMENTS ARE REQUIRED TO FACILITIES OR INFRASTRUCTURE NOW WITHIN THE RIPARIAN ZONE, THE DESIGN SHOULD INCORPORATE RESTORATION OF THE ZONE, AND WHERE NOT FEASIBLE RECOMMEND A REPLACEMENT EXCHANGE ELSEWHERE WITHIN THE SAME RIPARIAN ZONE. PROPOSED DESIGNS OF FACILITY OR INFRASTRUCTURE WITHIN THE RIPARIAN ZONE REQUIRES ORNL LANDSCAPING REVIEW COMMITTEE CONCURRENCE.
4. IF NEW CONSTRUCTION OR INFRASTRUCTURE IMPROVEMENTS REQUIRE ENCROACHMENT INTO THE RIPARIAN ZONE, THEN IT MAY BE PERMISSIBLE PROVIDED A PROPOSAL IS MADE TO THE ORNL LANDSCAPING REVIEW COMMITTEE FOR CONCURRENCE. MITIGATIONS COULD INCLUDE IMPROVEMENTS TO THE ENCROACHED UPON ZONE OR CONTIGUOUS PORTIONS OF THE RIPARIAN ZONE, OR ENHANCEMENT OR RESTORATION OF A SIMILARLY SIZED RIPARIAN AREA AT A DIFFERENT LOCATION (PREFERABLY ON THE SAME STREAM).

400 0 400 600 800 FT.
SCALE: 1"=400'

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REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	DATE	CHK	DATE
0	---	4	---	ORIGINAL ISSUE				

REVISION OR ISSUE PURPOSE

PE	DATE	PM	DATE	REO	DATE	CFM	DATE		RPE	RPE NO	DATE

REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR	FPE

INTER-DISCIPLINE CHECK

RPE

REV.	DATE

DSGN	Patricia D. Parr	06/23/09
DRW	D. Smith	06/23/09
CHKR		/ /
PE		/ /
PM		/ /
REO		/ /
CFM		/ /

REVISION & APPROVALS — DATE

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PROJECT NAME:
RIPARIAN ZONES
ORNL TOPOGRAPHY SHOWING LOCATIONS OF RIPARIAN ZONES IN BETHEL VALLEY

SITE	BLDG	FL	SH.	OF	
ORNL	XAREA-23	A	1	1	UNCLASSIFIED

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