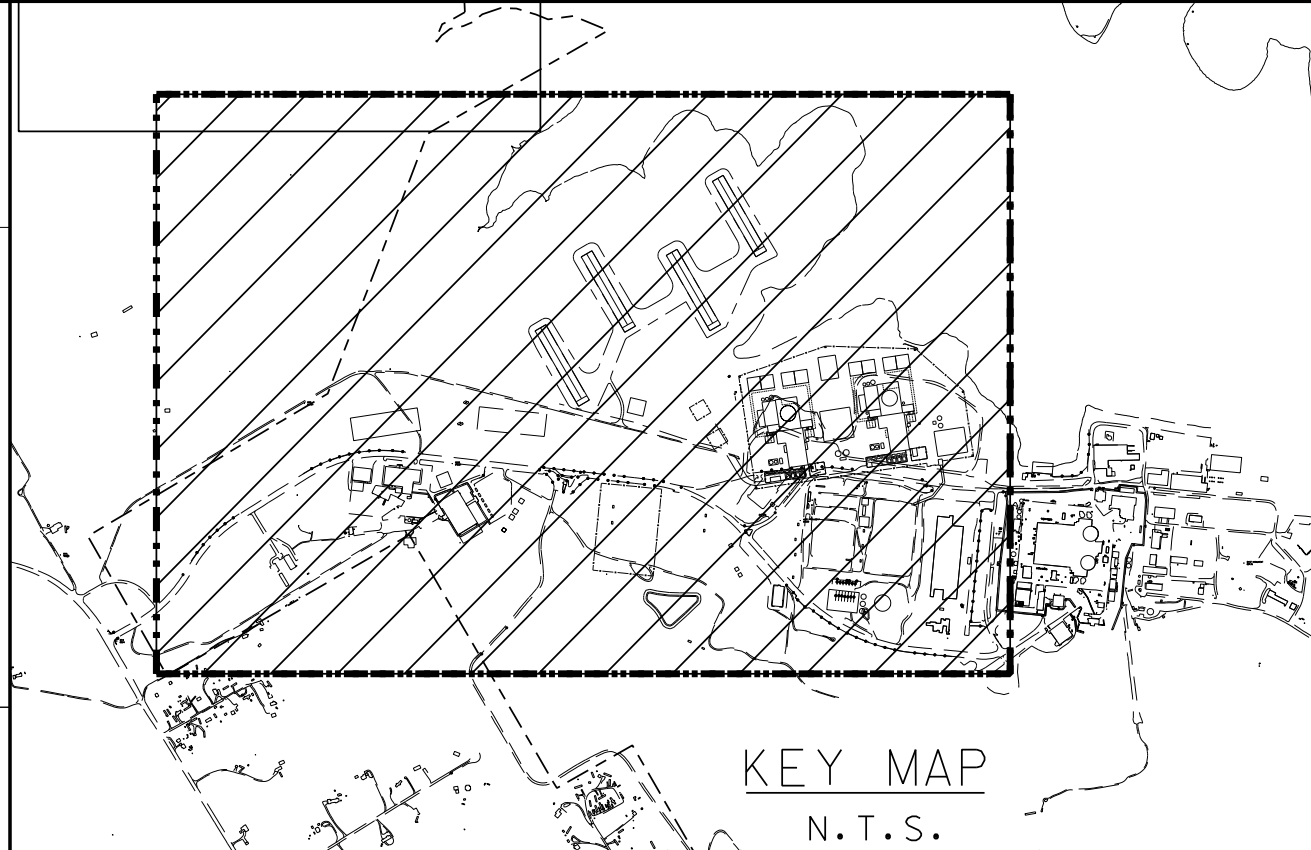


SQUAW CREEK RESERVOIR



LEGEND

- WATERSHED DRAINAGE BOUNDARY
- 995 PROPOSED MAJOR CONTOUR
- 995 PROPOSED MINOR CONTOUR
- 995 EXISTING MAJOR CONTOUR
- 995 EXISTING MINOR CONTOUR
- NEW EDGE OF ROAD
- EXISTING EDGE OF ROAD
- NEW CATCH BASIN
- NEW STORM PIPE
- NEW FLARED END SECTION
- ENDWALL AND OUTLET PROTECTION
- NEW STORM WATER SWALE
- NEW SPOT ELEVATION

4 FT(W) S=0.02
SWALE S=0.02

← DRAINAGE FLOW PATH

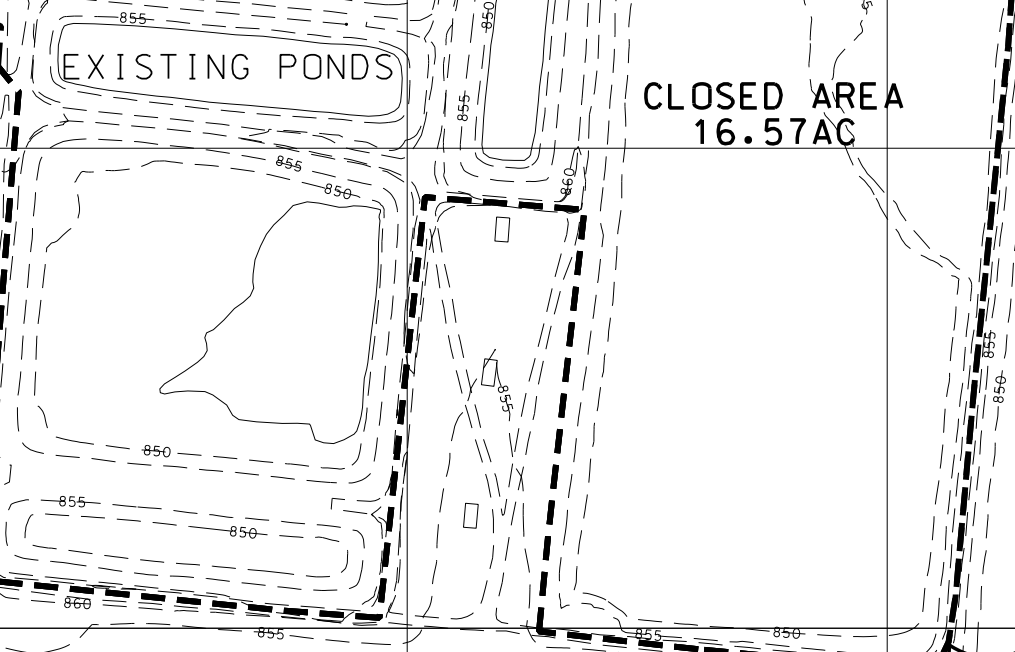
PRE DEVELOPED
DA102
A(tot) = 360.9 ac
A(imp) = 20.4 ac
A(undisturbed woods) = 237.7 ac
A(meadow/lawn) = 95.9 ac
A(closed/basins) = 6.90 ac
CN(wtd) = 78.5 = USE 79
Tc = 30min

PRE DEVELOPED
DA101
A(tot) = 51.6 ac
A(imp) = 20.6 ac
A(undisturbed woods) = 11.5 ac
A(meadow/lawn) = 19.6 ac
CN(wtd) = 85.8 = USE 86
Tc = 30min

PRE DEVELOPED
DA104
A(tot) = 32.9 ac
A(imp) = 1.0 ac
A(undisturbed woods) = 16.9 ac
A(meadow/lawn) = 15.0 ac
CN(wtd) = 78.0
Tc = 30min

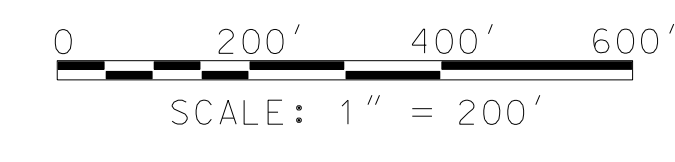
PRE DEVELOPED
DA103
A(tot) = 22.8 ac
A(imp) = 5.4 ac
A(meadow/lawn) = 17.4 ac
CN(wtd) = 82.7 = USE 83
Tc = 30min

EXISTING ADMINISTRATION BUILDINGS



EXISTING SWITCHYARD

PRELIMINARY



DEPT.: CIVIL

NON-SAFETY RELATED
PREDEVELOPMENT
DRAINAGE AREA MAP

LUMINANT/COMANCHE PEAK
UNITS 3 & 4
MNES US APWR



510 CARNEGIE CTR
PRINCETON, NJ 08540
(609) 770-2000
STATE OF TEXAS ENGINEERING
CERTIFICATE OF AUTHORIZATION NO. F-2660
URS ENERGY & CONSTRUCTION, Inc.

PROJECT NO.: 29427
WORK PACKAGE: 100
DRAWN: N. GANDHI
DATE: 8/20/2007
CHECKED: R. HENDRICKS
DATE: 7/10/2008

SCALE: 1"=200'

REVISION APPROVAL RECORD				REV				REVISIONS				DRAWING STATUS			
DISCIPLINE	BY	DATE	RECORD	BY	DATE	REV	DATE	BY	CHKR	ISSUED	REV	DATE	SDE	PEM	
ARCH.			MECHANICAL			H	8/24/2011	CT	ERH						
CIVIL			NUCLEAR			G	2/09/2010	NG	ERH	PRELIMINARY	H	08/24/11	ERH	JD	
ELECTRICAL			PIPING			F	8/05/2008	NG	ERH						
ENVIRON.			PROCESS			E	7/10/2008	NG	ERH						
GEN. ARRANG.			QA / QC			D	3/20/2008	NG	ERH						
HVAC			STRUCTURAL			C	9/14/2007	NG	ERH	APPROVED FOR CONSTRUCTION					
I & C						B	8/30/2007	NG	ERH	NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED & DATED. DESTROY ALL PRINTS BEARING EARLIER DATE &/OR REV. NO.					
						A	8/22/2007	NG	ERH						

INCHES: 1 2 3 4 5 6
CENTIMETERS: 1 2 3 4 5 6