



LEGEND

- WATERSHED DRAINAGE BOUNDARY
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- NEW EDGE OF ROAD
- EXISTING EDGE OF ROAD
- SQUAW CREEK RESERVOIR HIGH WATER LINE
- NEW CATCH BASIN
- NEW STORM PIPE
- NEW FLARED END SECTION ENDWALL AND OUTLET PROTECTION
- NEW STORM WATER SWALE
- NEW SPOT ELEVATION
- DRAINAGE FLOW PATH
- OUTLET END WALL
- INLET HEAD WALL
- IMPERVIOUS BOTTOM OF SWALE
- PERIMETER BARRIERS

POST DEVELOPED
DA93 (BYPASSED)
A(tot) = 113.91 - 2.94 = 110.97 ac
A(imp) = 1.0 ac
A(loose stone) = 11.51 ac
A(dense stone) = 5.28 ac
A(undisturbed woods) = 68.01 ac
A(meadow/lawn) = 25.17 ac
A(closed/not included) = 2.94 ac
CN(wtd) = 78.7 = 79.0
Tc = 15 min

POST DEVELOPED
DA91
A(tot) = 56.80 - 6.22 = 50.58 ac
A(imp) = 21.88 ac
A(loose stone) = 28.23 ac
A(meadow/lawn) = 4.47 ac
A(closed/not included) = 6.22 ac
CN(wtd) = 89.4 = USE 90
Tc = 15 min

POST DEVELOPED
DA32
A(tot) = 121.61 - 5.88 = 115.73 ac
A(imp) = 26.43 ac
A(loose stone) = 69.48 ac
A(dense stone) = 13.9 ac
A(meadow/lawn) = 6.97 ac
A(closed/not included) = 5.88 ac
CN(wtd) = 86.99 = USE 87
Tc = 30 min



MATCHLINE - REFER TO DWG CVL-12-11-102-001

MATCHLINE - REFER TO DWG CVL-12-11-105-001

NOTE:
1. REFER TO DRAWING CVL-12-11-101-001 FOR ADDITIONAL NOTES AND INFORMATION.

PRELIMINARY

NON-SAFETY RELATED

GRADING AND DRAINAGE PLAN
SHEET 2 OF 4

LUMINANT/COMANCHE PEAK
UNITS 3 & 4
MNES US APWR



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

DWG. NO. CVL-12-11-103-001

DEPT.: CIVIL

PROJECT NO.: 29427

WORK PACKAGE: 100

DRAWN: N. GANDHI

DATE: 8/22/2007

CHECKED: R. HENDRICKS

DATE: 7/10/2008

SCALE: 1" = 100'

0 100' 200' 300'
SCALE: 1" = 100'

DISCIPLINE	BY	DATE	REVISIONS	BY	CHKR	ISSUED	REV	DATE	SDE	PEM
ARCH.										
CIVIL										
ELECTRICAL										
ENVIRON.										
GEN. ARRANG.										
HVAC										
I & C										

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INCHES: 1 2 3 4 5 6

CENTIMETERS: 1 2 3 4 5 6