CVL-12-11-102-001

PLANT NORTH
TRUE NORTH
TX NORTH CENTRAL
GRID (NAD 83)
8.5436°

SQUAW CREEK RESERVOIR

POST DEVELOPED
DA93 (BYPASSED)
A(tot) = 199.3 ac
A(imp) = 10.0 ac
A(stone) = 10.0 ac
A(undisturbed woods) = 96.10 ac
A(meadow/lawn) = 78.38 ac
A(closed/not included) = 4.82 ac
CN(wtd) = 79.0
Tc = 30min

N6795500

E2181500

UNIT 3
COOLING TOWERS

FF=850

HW
TOP=850.0
INV.=845.6

190LF30
HDPE@.003

EW
TOP=848.5
INV.=845.0

60LF24
HDPE@.0035

HW
TOP=850.0
INV.=846.94

EW
TOP=850.0
INV.=846.7

HW
TOP=868.5
INV.=864.5

EW
TOP=868.0
INV.=863.9
60LF36
HDPE@.01

1090LF 6'W S=0.008

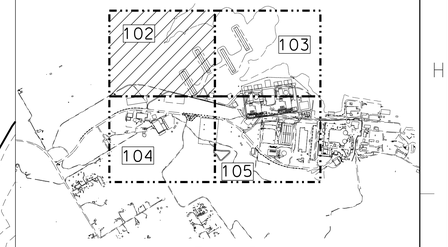
E2184000

N6794000

POST DEVELOPED
DA92
A(tot) = 116.61 ac
A(imp) = 23.0 ac
A(stone) = 31.0 ac
A(meadow/lawn) = 55.77 ac
A(closed/not included) = 6.84 ac
CN(wtd) = 85.9 = USE 86
Tc = 30min

MATCHLINE - REFER TO DWG CVL-12-11-103-001

MATCHLINE - REFER TO DWG CVL-12-11-104-001



KEY MAP
N.T.S.

LEGEND

- WATERSHED DRAINAGE BOUNDARY
- 995 — PROPOSED MAJOR CONTOUR
- 995 — PROPOSED MINOR CONTOUR
- 995 - - EXISTING MAJOR CONTOUR
- 995 - - EXISTING MINOR CONTOUR
- NEW EDGE OF ROAD
- EXISITNG EDGE OF ROAD
- NEW CATCH BASIN
- NEW STORM PIPE
- NEW FLARED END SECTION ENDWALL AND OUTLET PROTECTION
- 4 FT(W) S=0.02 — NEW STORM WATER SWALE
- SWALE (847.0) — NEW SPOT ELEVATION
- DRAINAGE FLOW PATH

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

GENERAL NOTES

1. SEE CIVIL DRAWING CVL-12-11-101-001 FOR LIST OF OPEN ISSUES.

PROPRIETARY AND CONFIDENTIAL

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REVISION APPROVAL RECORD				REV	
DISCIPLINE	BY	DATE	DISCIPLINE	BY	DATE
ARCH.			MECHANICAL		
CIVIL			NUCLEAR		
ELECTRICAL			PIPING		
ENVIRON.			PROCESS		
GEN. ARRANG.			QA / QC		
HVAC			STRUCTURAL		
I & C					

REV NO	DATE	REVISIONS	BY	CHKR
F	8/05/2008	ISSUED FOR FSAR	NG	ERH
E	7/10/2008	ISSUED FOR FSAR	NG	ERH
D	3/20/2008	REVISED CONCEPTUAL	NG	ERH
C	9/14/2007	ISSUED FOR CONCEPTUAL DESIGN	NG	ERH
B	8/30/2007	ISSUED FOR CALCULATION SUBMISSION	NG	ERH
A	8/22/2007	ISSUED FOR IN-HOUSE REVIEW	NG	ERH

DRAWING STATUS				
ISSUED	REV	DATE	SDE	PEM
PRELIMINARY	F			
APPROVED FOR CONSTRUCTION				

NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED & DATED. DESTROY ALL PRINTS BEARING EARLIER DATE &/OR REV.NO.

PROJECT NO.: 28831

DRAWN: N.GANDHI DATE: 8/21/2007

CHECKED: R.HENDRICKS DATE: 7/10/2008

SCALE: 1" = 100'

GRADING AND DRAINAGE PLAN
SHEET 1 OF 4

LUMINANT /COMANCHE PEAK
UNITS 3 & 4
MNES US - APWR

Washington Group International
510 CARNEGIE CTR. - PRINCETON, NJ 08543 - (609)720-2000

DWG. NO. CVL-12-11-102-001 REV F

USER: $USER$
PLOT SENT: $DATE$ $TIME$
FILE: $FILE$

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

8 7 6 5 4 3 2 1

H G F E D C B A