



LEGEND

- Watershed Drainage Boundary
- Proposed Major Contour
- Proposed Minor Contour
- Existing Major Contour
- Existing Minor Contour
- Existing Edge of Road
- New Catch Basin
- New Storm Pipe
- New Flared End Section
- Endwall and Outlet Protection
- Squaw Creek Reservoir High Water Line
- EW: Outlet End Wall
- HW: Inlet Head Wall

CONSTRUCTION PERIOD TEMP SEDIMENT BASIN DA94
 A(1st) = 24.3x1.05 = 25.5 ac

CONSTRUCTION PERIOD SEDIMENT BASIN DA92
 A(1st) = 85x1.05=89.3 ac

CONSTRUCTION PERIOD SEDIMENT BASIN DA91
 A=63.57+16.57=47.0ac
 A(1st) = 47.0x1.05=49.35 ac

CONSTRUCTION PERIOD SEDIMENT BASIN DA62
 A(1st) = 125x1.05=12.6 ac

OUTFALL BOY OF POND-848.9
 12" ORP INV-850.0
 RISER TOP (2'x4')-853.0
 TRAP SPILL 55'(W) EL855.0
 CULVERT INV-847.0

INVERT-847.0
 40LF 30 HDPE @.025
 INV(OUT)=846.0'

PRELIMINARY

NON-SAFETY RELATED

CONSTRUCTION PERIOD GRADING AND DRAINAGE PLAN SHEET 1 OF 2

LUMINANT/COMANCHE PEAK UNITS 3 & 4 MNES US APWR

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

DEPT.: CIVIL

SCALE: 1" = 100'

PROJECT NO.: 29427
 WORK PACKAGE: 100
 DRAWN: N. GANDHI
 DATE: 8/22/2007
 CHECKED: R. HENDRICKS
 DATE: 7/10/2008

SCALE: 1"=100'

This document is released for the purpose of review under the authority of E.O. 13526.
 Texas P.L. # 10885 on 04/15/11
 It is not to be used for construction purposes.

REVISION APPROVAL RECORD				REVISIONS				DRAWING STATUS				
DISCIPLINE	BY	DATE	RECORD	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					

