



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
- - - EXISTING 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 (24.7.2) NEW SPOT ELEVATION
- ← DRAINAGE FLOW PATH
- EW OUTLET END WALL
- HW INLET HEAD WALL
- IMP. IMPERVIOUS BOTTOM OF SWALE

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  
DA92  
A(tot) = 121.61 - 5.88 = 115.73 ac  
A(imp) = 25.43 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

PRELIMINARY

NON-SAFETY RELATED

GRADING AND DRAINAGE PLAN SHEET 1 OF 4

LUMINANT/COMANCHE PEAK UNITS 3 & 4 MNES US APWR



URS ENERGY & CONSTRUCTION, Inc.

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

REV H

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

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

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

REVISION APPROVAL RECORD				REVISIONS				DRAWING STATUS			
DISCIPLINE	BY	DATE	REV	REV	DATE	ISSUED	REV	DATE	SDE	PEM	
ARCH.				H	8/24/2011	REVISED PER HYDRO AUDIT	CT	ERH			
CIVIL				G	2/09/2010	REVISED PER E.R. AUDIT	NG	ERH	PRELIMINARY	H 08/24/11	
ELECTRICAL				F	8/05/2008	ISSUED FOR FSAR	NG	ERH			
ENVIRON.				E	7/10/2008	ISSUED FOR FSAR	NG	ERH			
GEN. ARRANG.				D	3/20/2008	REVISED CONCEPTUAL	NG	ERH			
HVAC				C	9/14/2007	ISSUED FOR CONCEPTUAL DESIGN	NG	ERH	APPROVED FOR CONSTRUCTION		
I & C				B	8/30/2007	ISSUED FOR CALCULATION SUBMISSION	NG	ERH	NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED & DATED. DESTROY ALL PRINTS BEARING EARLIER DATE &/OR REV. NO.		
				A	8/22/2007	ISSUED FOR IN-HOUSE REVIEW	NG	ERH			



DEPT.: CIVIL

PROJECT NO.: 29427  
WORK PACKAGE: 100  
DRAWN: N. GANDHI  
DATE: 8/21/2007  
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.E. # 10885 on 04/15/11  
It is not to be used for construction purposes.

INCHES 1 2 3 4 5 6

CENTIMETERS 8 7 6 5 4 3 2 1