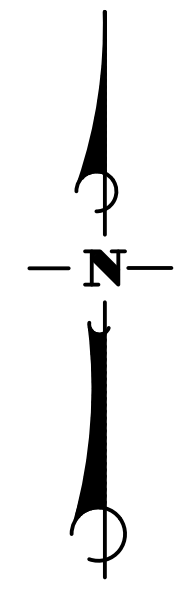


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**CONSTRUCTION NOTES:**

- 1 EXCAVATE SOIL OVER SCC PIPE LINE TO PROVIDE A MAXIMUM OF 12' OF COVER ABOVE THE TOP OF PIPE, SEE PROFILES & CROSS SECTIONS ON SHEETS 4 & 5. CUT SLOPES SHALL BE CONSTRUCTED AT 2:1. GRADED AREAS SHALL BE HYDROSEEDDED OR OTHERWISE PROTECTED BY EROSION CONTROL MATS.
- 2 CONSTRUCT A ROCK LINED SWALE AT THE TOE OF SLOPE. SEE DETAIL E, SHEET 6.
- 3 PLACE THE EXCAVATED SOIL OBTAINED FROM EXCAVATION ABOVE SCC PIPE LINE TO CONSTRUCT HORSE ARENA, SEE CROSS SECTION ON SHEET 4. CUT AND FILL SLOPES SHALL BE CONSTRUCTED AT 2:1. FOR FILL SLOPES PLACED WHERE EXISTING GRADE IS STEEPER THAN 5:1, THE FILL SLOPE SHALL BE KEYED AND BENCHED INTO THE EXISTING GROUND PER DETAIL A, SHEET 6. GRADED AREAS SHALL BE HYDROSEEDDED OR OTHERWISE PROTECTED FROM EROSION. CONSTRUCT 8' GRADED BENCH WHEN SLOPES ARE GREATER THAN 25' VERTICALLY. SEE DETAILS A & B, SHEET 6.
- 4 CONSTRUCT 4'(MAX) HIGH SEGMENTAL GRAVITY WALL WITH LEVEL BACKFILL, SEE DETAIL H ON SHEET 6.
- 5 CONSTRUCT GRADED SWALE PER DETAIL F, SHEET 6.
- 6 LOCATE HORSE BARN, HAY BARN AND STABLES AS SHOWN. PROVIDE FOUNDATION IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. SEE DETAIL J, SHEET 6.
- 7 CONSTRUCT 60' DIAMETER HORSE RIDING RING. ARENA FENCE SHALL BE PORTABLE.
- 8 CONSTRUCT ROCK LINED SWALE PER DETAIL G, SHEET 6.
- 9 REMOVE EXISTING RETAINING WALL.
- 10 RELOCATE EXISTING STRUCTURE.
- 11 RELOCATED HORSE ARENA FENCE.
- 12 CONSTRUCT ACCESS PATHWAY
- 13 TO THE EXTENT FEASIBLE, PROTECT EXISTING TREE IN PLACE.
- 14 CONSTRUCT CATCH BASIN PER DETAIL D, SHEET 6, AND CONSTRUCT 12" DIAMETER HDPE STORM DRAIN PIPE FROM CATCH BASIN TO EXISTING 18" HDPE STORM DRAIN PIPE AS SHOWN.
- 15 STAGING AND WASH OFF AREA. ADJUST SIZE, CONFIGURATION AND LOCATION TO ACCOMMODATE GRADING OPERATIONS. SEE DETAIL O, ON SHEET 8.

**SYMBOLS & LEGENDS:**

	EXISTING WATER PIPELINE	CONC	CONCRETE
	EXISTING INTERMEDIATE CONTOUR	DIA	DIAMETER
	EXISTING INDEX CONTOUR	EG	EXISTING GROUND
	CUT OR FILL SLOPE SYMBOL	ELEV	ELEVATION
	PROPOSED ROCK LINED SWALE	EW	EACH WAY
	PROPOSED INDEX CONTOUR	FF	FINISH FLOOR ELEV
	PROPOSED INTERMEDIATE CONTOUR	FS	FINISH SURFACE
	PROPOSED DRAINAGE SWALE	GWD	GOLETA WATER DIST
	HORSE ARENA FENCE	OC	ON CENTER
	PROPOSED HORSE FACILITY LOCATION	R	RADIUS
	SURFACE GRADING SLOPE SYMBOL	TP	TOP OF PIPE
	PROPOSED GRAVITY RETAINING WALL 4' MAXIMUM HEIGHT		

**EASEMENTS**

- B A 20 FOOT WIDE EASEMENT FOR PRIVATE ROAD PURPOSES AS GRANTED TO LOS ANGELES FIRST NATIONAL TRUST & SAVINGS BANK IN THE DOCUMENT RECORDED MARCH 13, 1929 AS INSTRUMENT NO. 3036 IN BOOK 188, PAGE 507 OF OFFICIAL RECORDS. (ITEM 4)
- C AN EASEMENT FOR PIPELINES AND CONDUITS AS GRANTED TO THE UNITED STATES OF AMERICA IN A DOCUMENT RECORDED JUNE 17, 1950 AS INSTRUMENT NO. 8116 IN BOOK 923, PAGE 310 OF OFFICIAL RECORDS. (PARCEL FOUR - UNIT 20 - TRACT ONE) (ITEM 5)
- D AN EASEMENT FOR PIPELINES AND CONDUITS AS GRANTED TO THE UNITED STATES OF AMERICA IN A DOCUMENT RECORDED JUNE 17, 1950 AS INSTRUMENT NO. 8116 IN BOOK 923, PAGE 310 OF OFFICIAL RECORDS. (PARCEL FOUR - UNIT 20 - TRACT TWO) (ITEM 5)
- H A 20 FOOT WIDE EASEMENT FOR WATER MAIN PURPOSES AS GRANTED TO GOLETA WATER DISTRICT IN THE DOCUMENT RECORDED OCTOBER 16, 1984 AS INSTRUMENT NO. 84-56349 OF OFFICIAL RECORDS. (ITEM 9)
- I A 10 FOOT WIDE EASEMENT FOR CONSTRUCTION PURPOSES AS GRANTED TO GOLETA WATER DISTRICT IN THE DOCUMENT RECORDED OCTOBER 16, 1984 AS INSTRUMENT NO. 84-56349 OF OFFICIAL RECORDS. (ITEM 9)
- J A 20 FOOT WIDE EASEMENT FOR PRIVATE ROAD PURPOSES AS GRANTED TO JEFFREY R. JAMES, ET UX IN THE DOCUMENT RECORDED MARCH 20, 1986 AS INSTRUMENT NO. 86-16083 OF OFFICIAL RECORDS. (ITEM 10)
- K A 20 FOOT WIDE EASEMENT FOR PRIVATE ROAD PURPOSES AS GRANTED TO JEFFREY R. JAMES, ET UX IN THE DOCUMENT RECORDED FEBRUARY 25, 1987 AS INSTRUMENT NO. 87-14558 OF OFFICIAL RECORDS. (ITEM 11)

GOLETA WATER DISTRICT  
REVIEWED BY: TOM BUNOSKY  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**REVISED GRADING PLAN**

34-ENG SAVE DATE: 5/23/2012 10:47:11 AM PLOT DATE: 6/5/2012 7:05:44 AM PLOT SCALE: 1:1 PLOT BY: Bret Foster

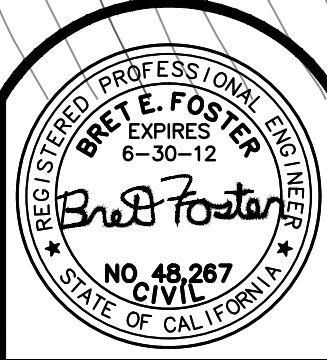
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES  
0 1 2 3

CACHUMA OPERATIONS & MAINTENANCE BOARD  
REVIEWED BY: KATE REESE  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NO.	DATE	REVISIONS	APPD. BEF
0	10/7/11	ISSUED FOR PERMITTING	
1	5/23/12	UPDATED GRADING AT HORSE RIDING RING	

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PROJECT ENGINEER  
R.C.E. 48,267



SANTA BARBARA COUNTY PUBLIC WORKS  
REVIEWED BY: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

ALTERNATE GRADING PLAN  
REMOVAL OF EXCESS FILL OVER PIPELINE  
APN 077-030-013  
COUNTY OF SANTA BARBARA, CALIFORNIA

P&S PROJECT NO. 19949.01  
SHEET 3ALT OF 8  
PLAN DATE FEBRUARY 8, 2012

DRAWING: r:\ccad\work\19949\19949.apc\proposed gp 5-23-12.dwg