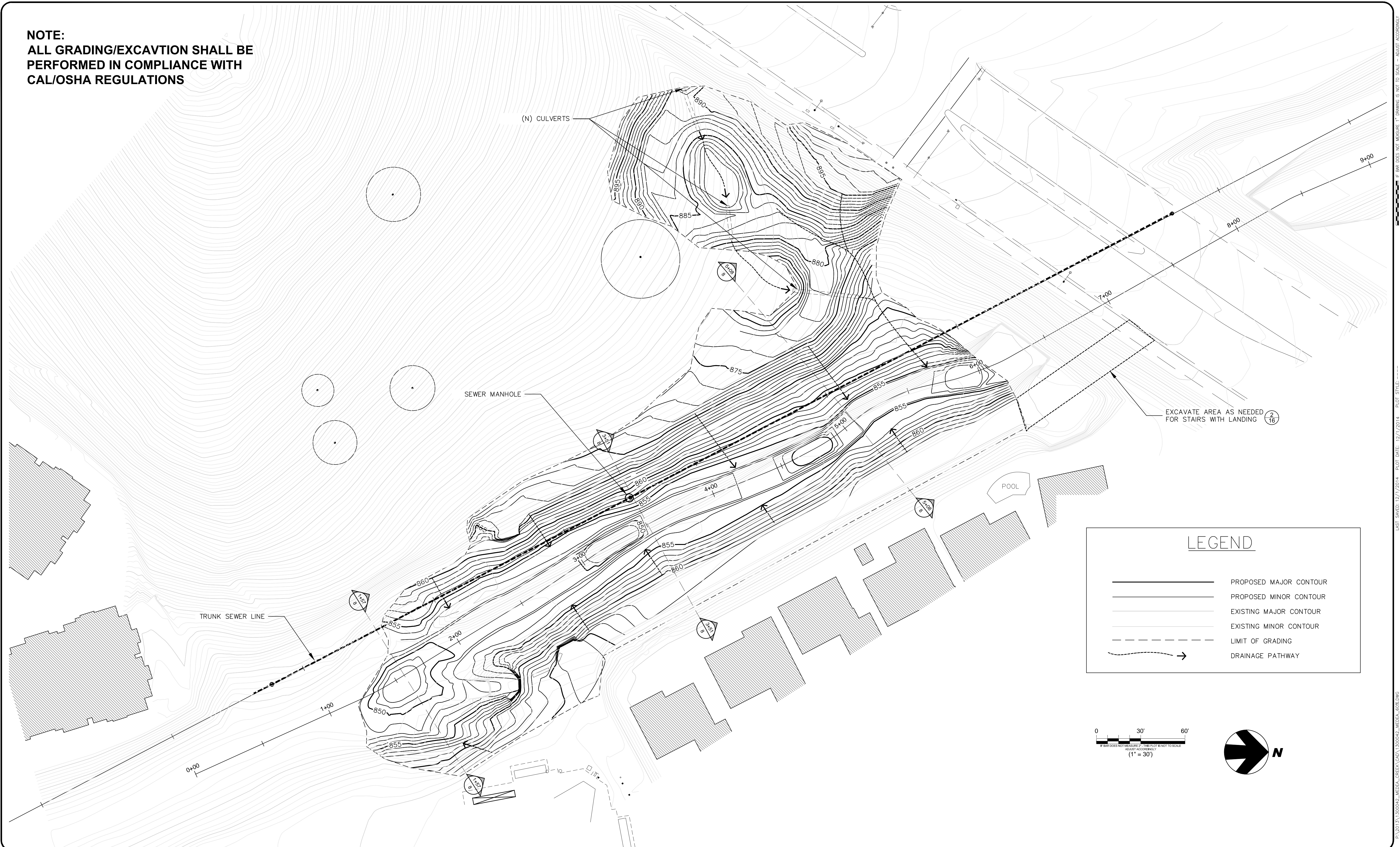
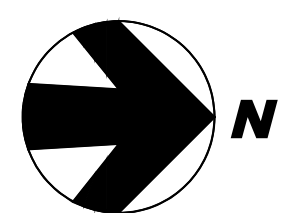
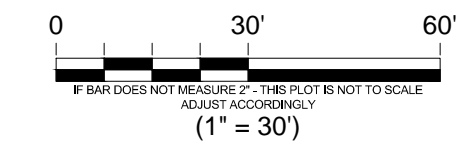


**NOTE:
ALL GRADING/EXCAVATION SHALL BE
PERFORMED IN COMPLIANCE WITH
CAL/OSHA REGULATIONS**



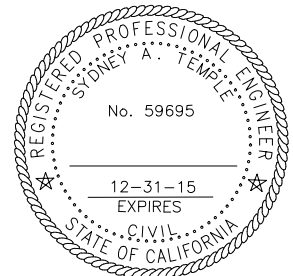
LEGEND

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- LIMIT OF GRADING
- DRAINAGE PATHWAY



MEDEA CREEK RESTORATION
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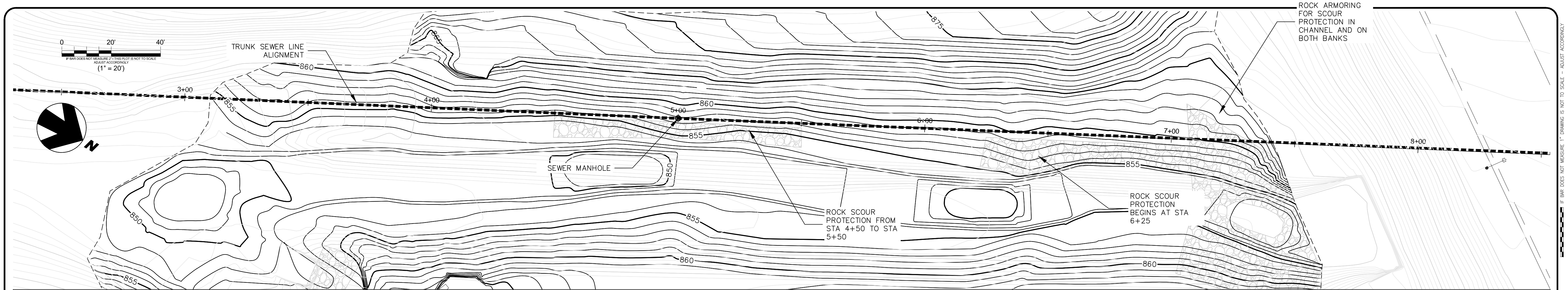
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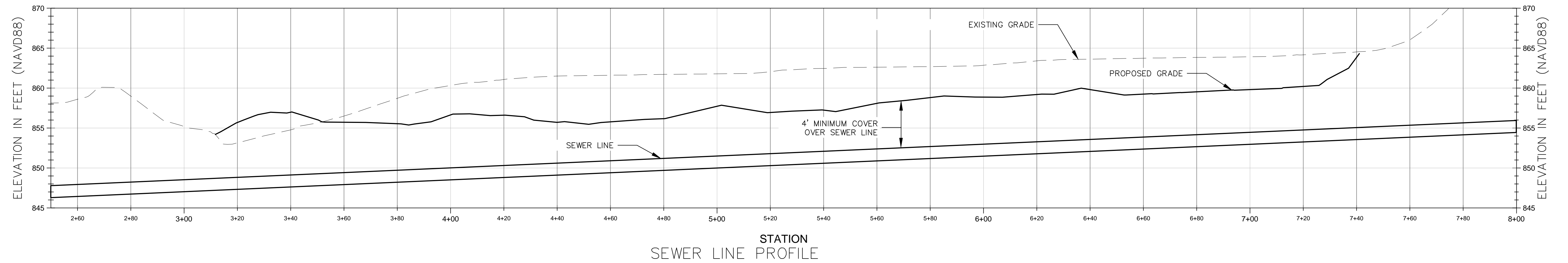
GRADING AND DRAINAGE PLAN
AGOURA HILLS, LOS ANGELES COUNTY

Size D Project 1300042
Scale: AS NOTED
Date: 2014-11-25
Sheet: 5 OF 23

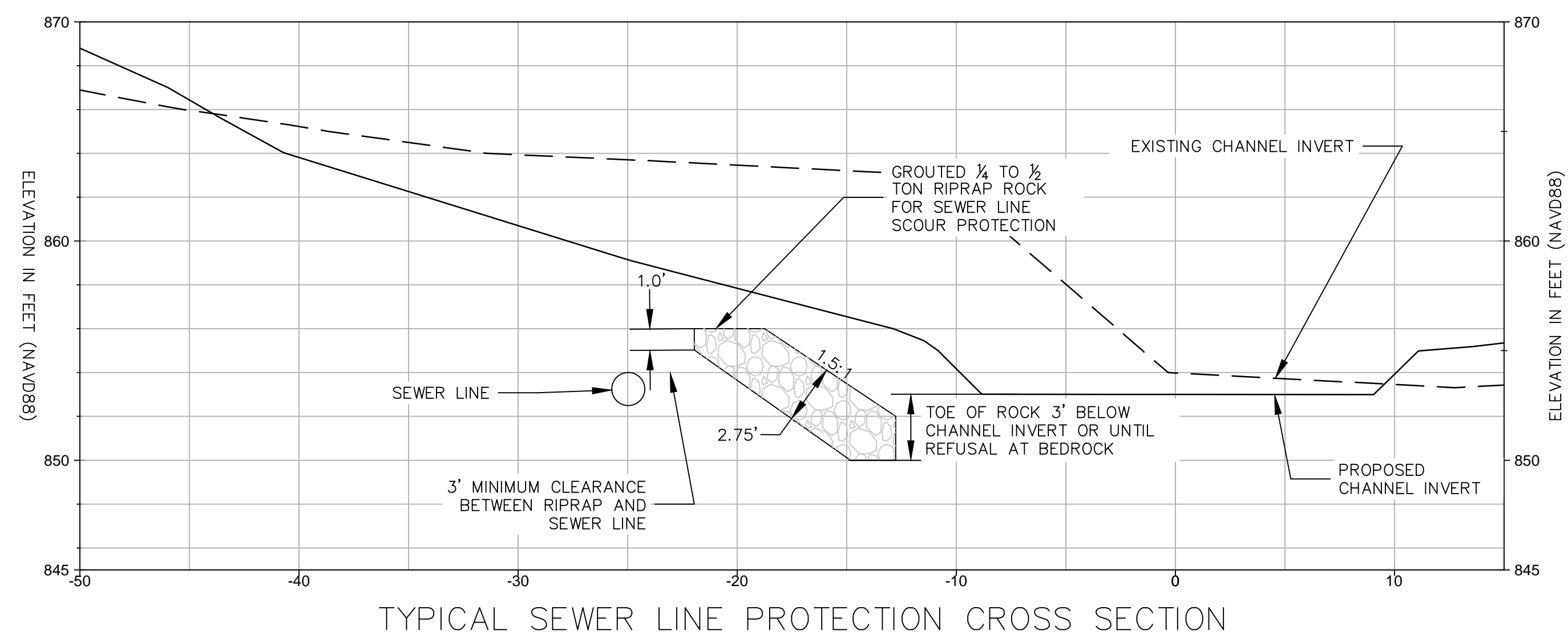
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SEWER LINE PLAN VIEW



SEWER LINE PROFILE



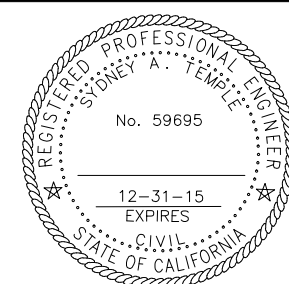
TYPICAL SEWER LINE PROTECTION CROSS SECTION

NOTES:

CONTRACTOR SHALL VIDEO SEWER MAIN FOLLOWING PROJECT COMPLETION TO INSURE THAT THE LINE WAS NOT DAMAGED DURING CONSTRUCTION.

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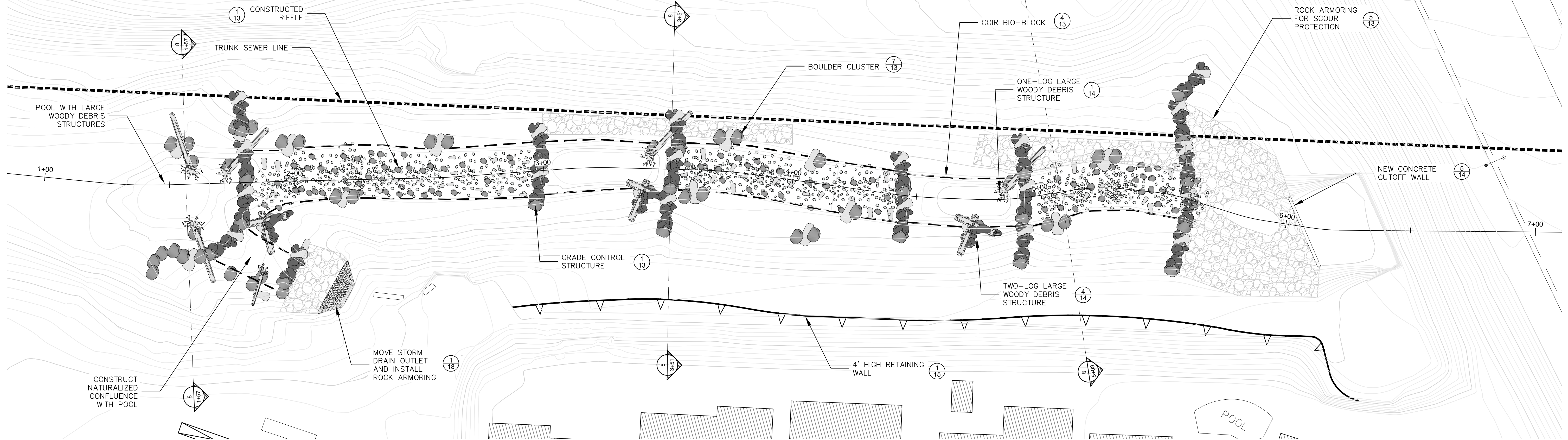
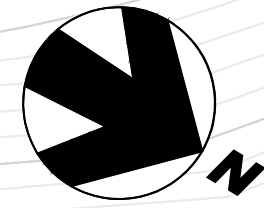
SEWER LINE PROTECTION PLAN

AGOURA HILLS, LOS ANGELES COUNTY

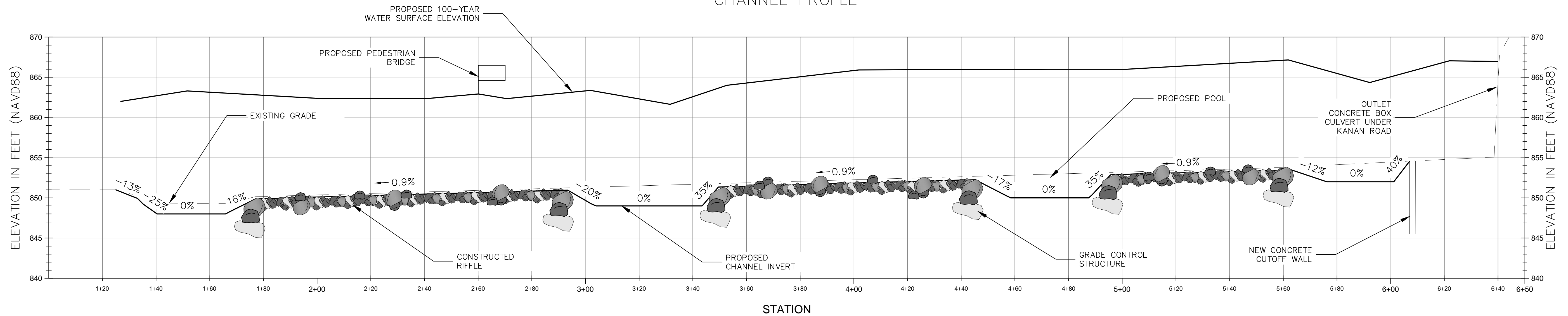
Size D	Project 1300042
Scale:	AS NOTED
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0 20' 40'
 IF BAR DOES NOT MEASURE 1" THIS DRAWING IS NOT TO SCALE
 ADJUST ACCORDINGLY
 (1" = 20')

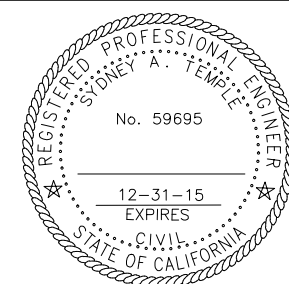


CHANNEL PROFILE



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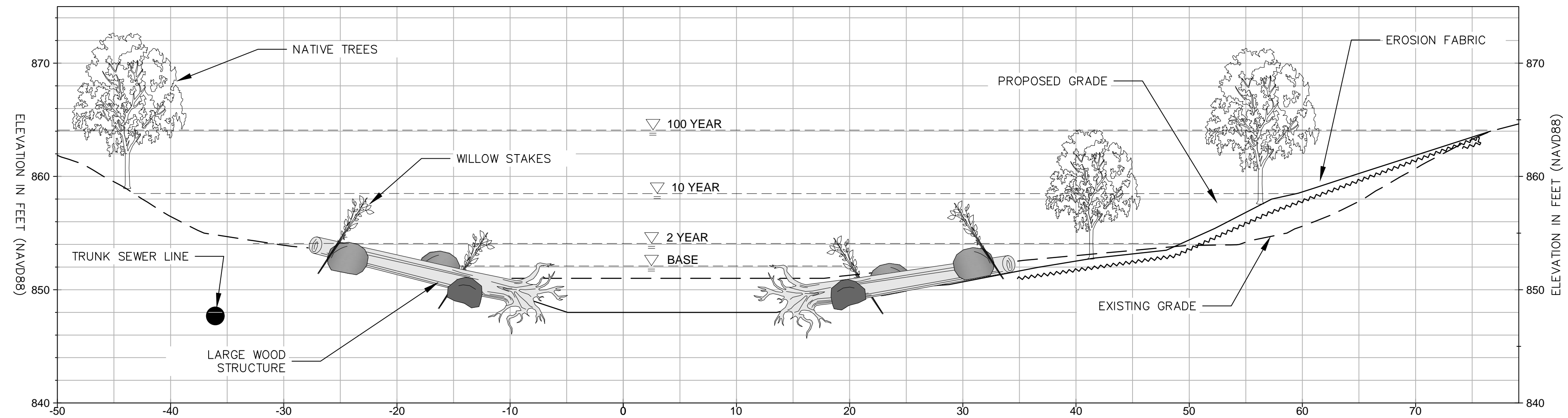
**CHANNEL FEATURES
 PLAN & PROFILE**
 AGOURA HILLS, LOS ANGELES COUNTY

Size D Project 1300042
 Scale: AS NOTED
 Date: 2014-11-25
 Sheet: 7 OF 23

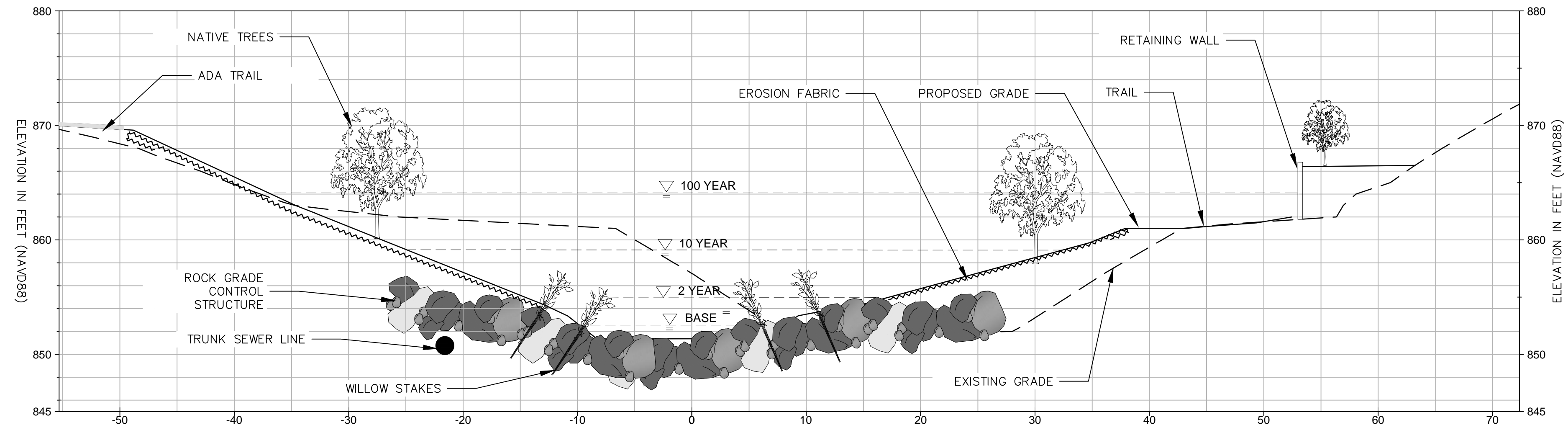
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**NOTE:
ALL SECTIONS LOOKING UPSTREAM**

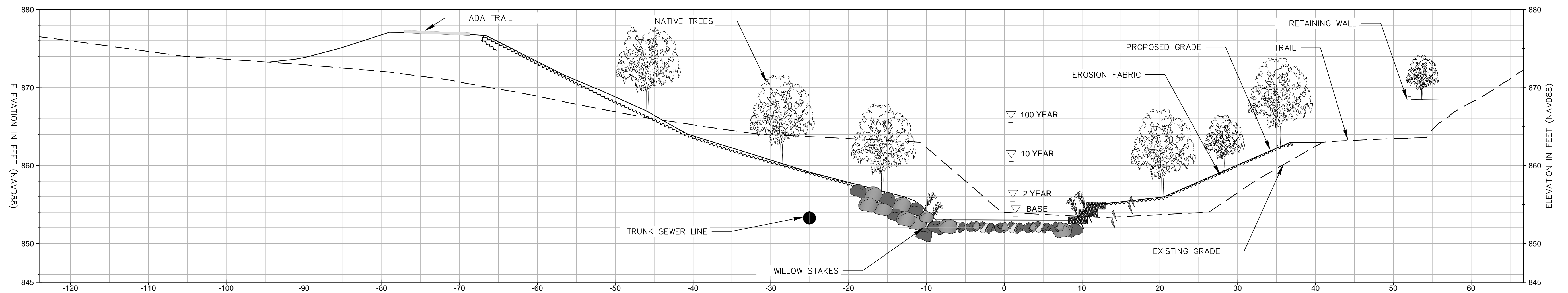
STA 1+57



STA 3+51



STA 5+08



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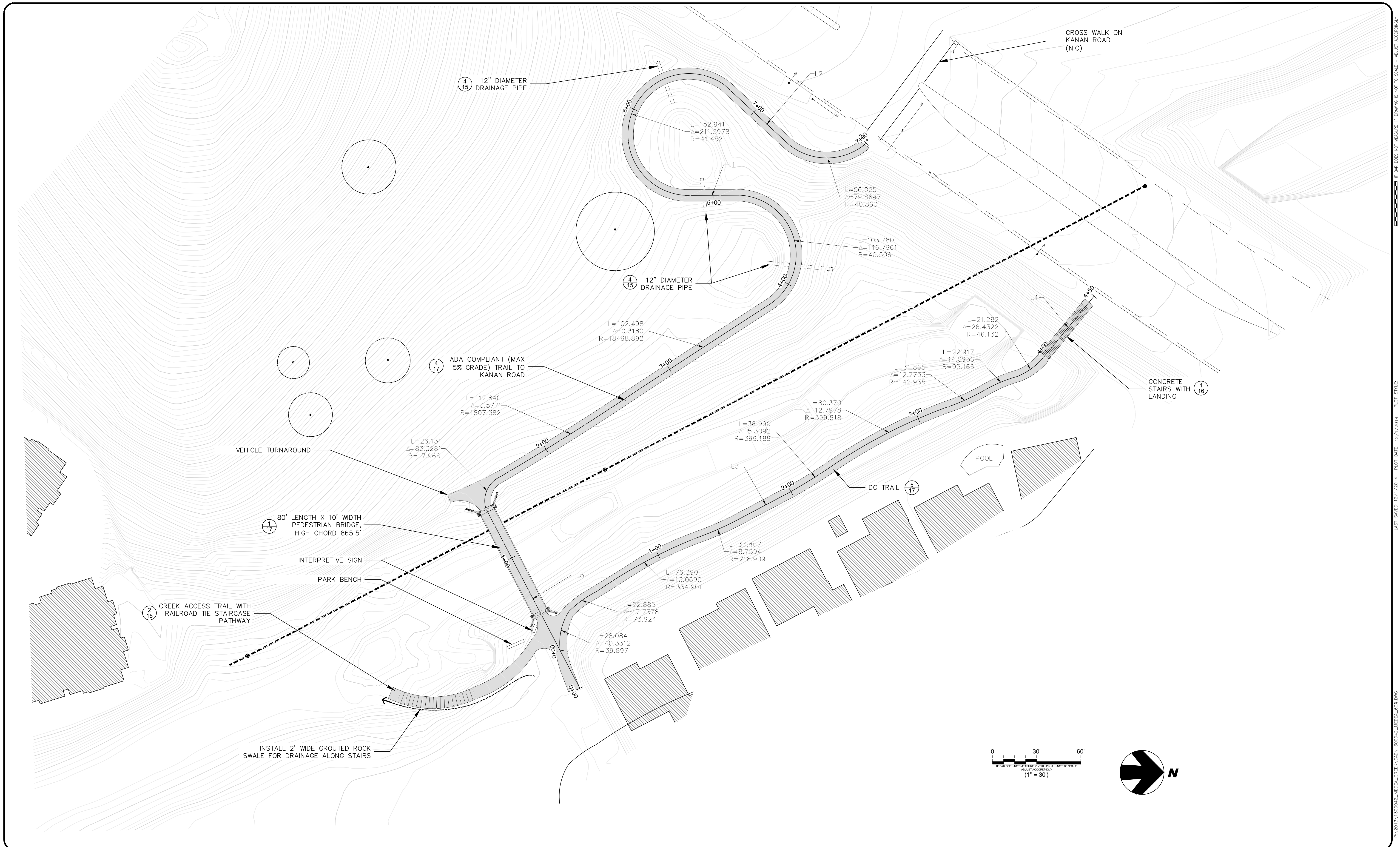
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PROPOSED CHANNEL SECTIONS

AGOURA HILLS, LOS ANGELES COUNTY

Size D Project 1300042
Scale: AS NOTED
Date: 2014-11-25
Sheet: 8 OF 23

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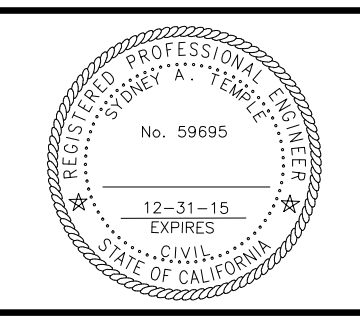
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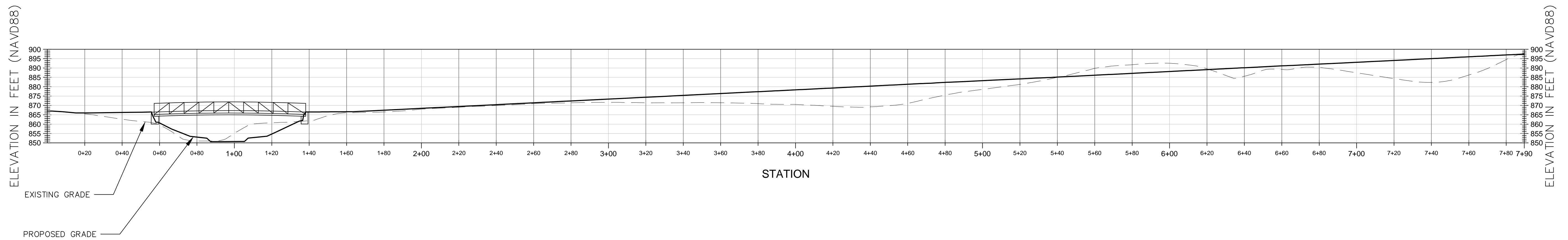
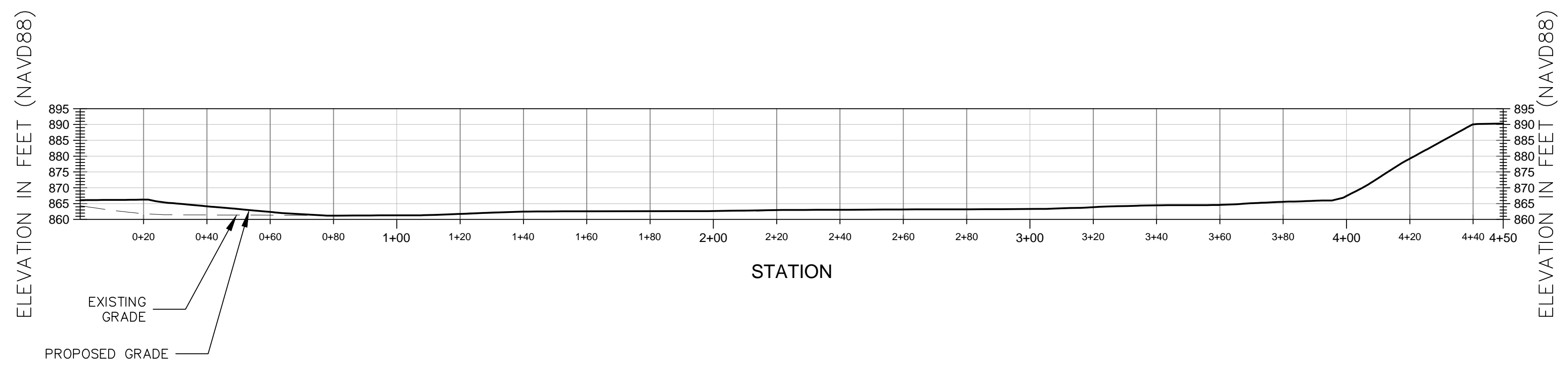
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PUBLIC ACCESS FEATURES

AGOURA HILLS, LOS ANGELES COUNTY

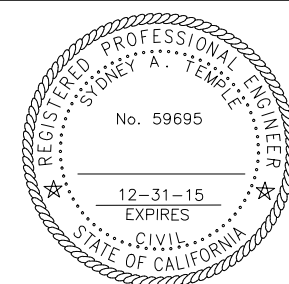
Size D	Project 1300042
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LINE TABLE				
LINE	LENGTH	BEARING	START (N,E)	END (N,E)
L5	137.30	S62° 21' 30.75"W	(50072.25,50231.12)	(50008.55,50109.49)
L1	37.50	S00° 09' 38.04"E	(50180.85,49896.02)	(50143.36,49896.12)
L2	59.71	N42° 43' 19.71"E	(50170.62,49821.11)	(50214.48,49861.62)
L3	39.86	N27° 55' 31.76"W	(50181.07,50115.79)	(50216.29,50097.12)
L4	55.40	N50° 24' 10.78"W	(50386.54,50007.32)	(50421.85,49964.63)



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TRAIL PROFILES

AGOURA HILLS, LOS ANGELES COUNTY

Size D Project 1300042
Scale: AS NOTED
Date: 2014-11-25
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PLANT LEGEND

PLANTING ZONE A: RIPARIAN SPECIES LOWER BANK AND FLOOD PLAIN (6,815 SF)				
COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	QUANTITY
MULEFAT	BACHARRIS VIMINEA	1-GAL	5-10 FT	30
VALLEY SEDGE	CAREX BARBARAE	D-POT	1-2 FT	400
GREY RUSH	JUNCUS PATENS	1-GAL	1-2 FT	200
SCARLETT MONKEY FLOWER	MIMULUS CARDINALIS	1-GAL	5-10 FT	50
SAND BAR WILLOW	SALIX EXIGUA	1-GAL	10-15 FT	20
ARROYO WILLOW	SALIX LASIOLEPSIS	1-GAL	10-15 FT	20

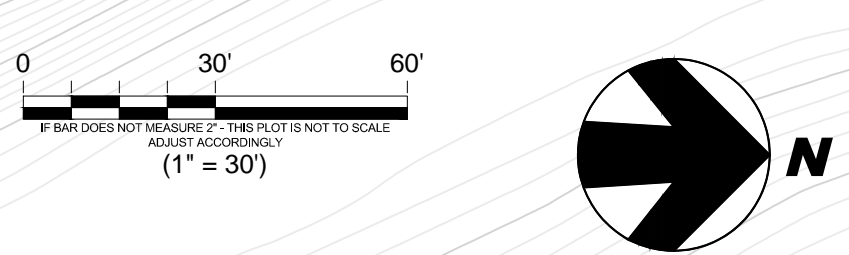
PLANTING ZONE B: UPPER BANK AND TRANSITION ZONES (8,572 SF)				
COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	QUANTITY
NARROW LEAF MILKWEED	AESCLEPIAS FASCICULARIS	PLUGS	3 FT	600
BUSH MONKEY FLOWER	DIPLACUS AURANTIACUS	1-GAL	3 FT	50
CREeping WILD RYE	ELYMUS TRITICOIDES	PLUGS	1 Ft.	600
WILD CUCUMBER	MARAH MACROCARPA	1-GAL	10 FT	10
CALIFORNIA BLACKBERRY	RUBUS URSINUS	1-GAL	10 FT	30
BLACK SAGE	SALVIA MELLIFERA	LINER	5 FT	50
PURPLE SAGE	SALVIA LEUCOPHYLLA	LINER	5 FT	50
DESERT GRAPE	VITIS GIRDIANA	1-GAL	10 FT	10

PLANTING ZONE C: UPLAND SPECIES (34,805 SF)				
COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	QUANTITY
NARROW LEAF MILKWEED	AESCLEPIAS FASCICULARIS	PLUGS	3 FT	2000
BIG BERRY MANZANITA	ARCTOSTAPHYLOS GLAUCA	1-GAL	5-10 FT	200
CREeping WILD RYE	ELYMUS TRITICOIDES	PLUGS	1 Ft.	5000
CALIFORNIA BUCKWHEAT	ERIOGONUM FASCICULATUM	LINER	4 Ft.	500
GOLDEN YARROW	ERIOPHYLLUM CONFERTIFLORUM	1-GAL	4 Ft.	100
CHAPARRAL YUCCA	HESPERUYCCA WHIPPLEI	1-GAL	4 Ft.	30
WHITE SAGE	SALVIA APIANA	LINER	4 Ft.	400
BLACK SAGE	SALVIA MELLIFERA	LINER	5 Ft.	400
SHOWY PENSTEMON	PENSTEMON SPECTABILIS	1-GAL	3 Ft.	100

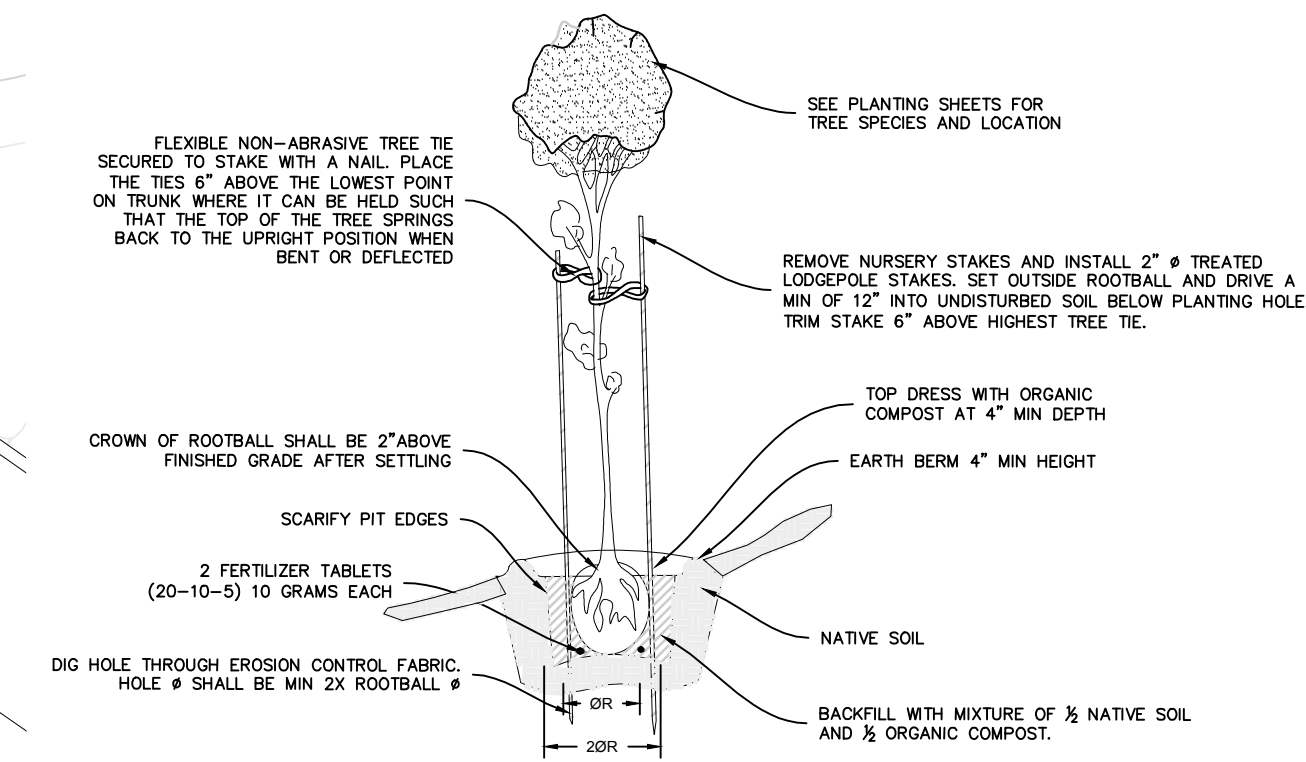
TREE PLANTING LIST

	COMMON NAME	SCIENTIFIC NAME	HEIGHT ABOVE CHANNEL INVERT	SIZE	SPACING	QUANTITY
AR	WHITE ALDER	ALNUS RHOMBIFOLIA	1'-2'	15-GAL	AS INDICATED	23
PF	COTTONWOOD	POPULUS FREMONTII	2'-6'	15-GAL	AS INDICATED	9
PR	WESTERN SYCAMORE	PLATANUS RACEMOSA	2'-6'	15-GAL	AS INDICATED	23
QA	COAST LIVE OAK	QUERCUS AGRIFOLIA	4'-8'	15-GAL	AS INDICATED	38
UC	CALIFORNIA BAY	UMBELLULARIA CALIFORNICA	4'-8'	15-GAL	AS INDICATED	2

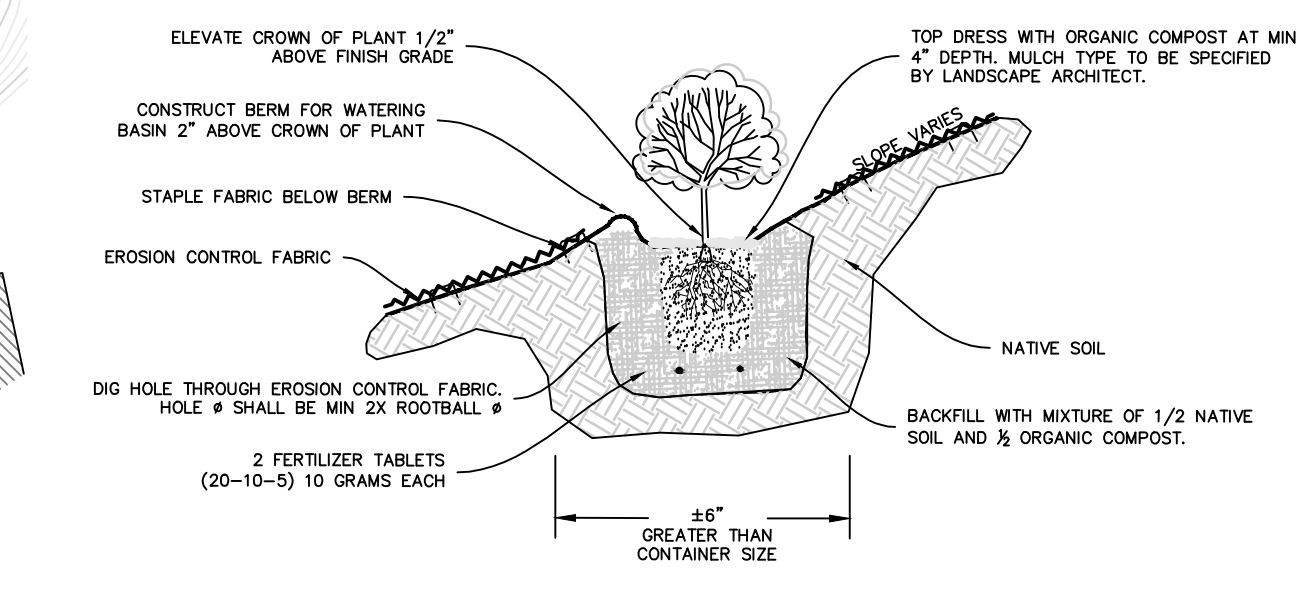
80' LENGTH X 10' WIDTH PEDESTRIAN BRIDGE, HIGH CHORD 866'



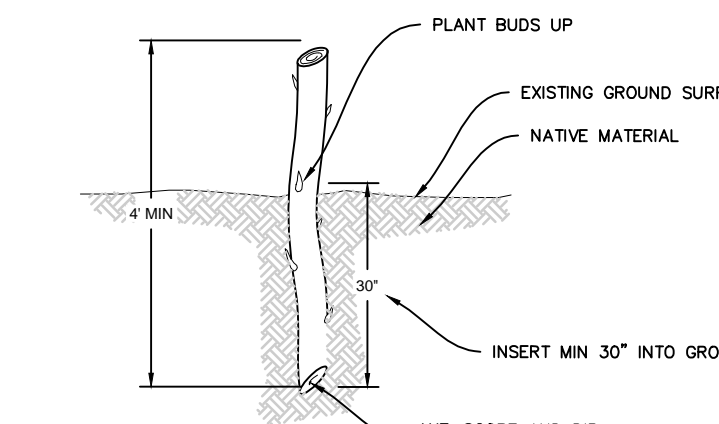
CHUMASH PARK BASEBALL FIELD



1 TREE (10 GALLON+ SIZE) PLANTING NOT TO SCALE

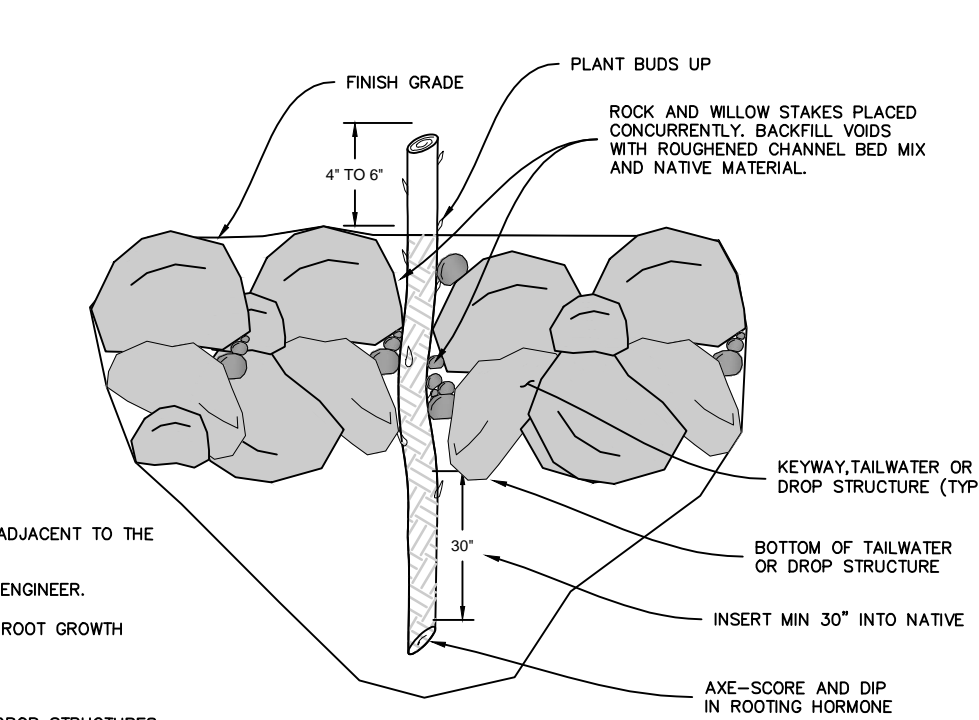


2 SHRUB AND TREE PLANTING - SLOPES NOT TO SCALE



WILLOW STAKE NOTES:

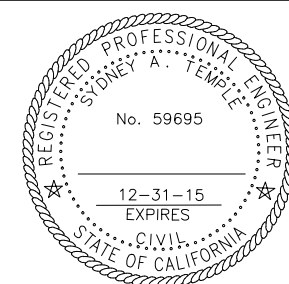
1. WILLOW STAKE SPECIES SHALL BE A MIX OF SPECIES PRESENT AT AND ADJACENT TO THE CONSTRUCTION SITE.
2. CONTRACTOR RESPONSIBLE FOR PROVIDING SOURCE DOCUMENTATION TO ENGINEER.
3. EACH STAKE SHALL BE 2" TO 3" THICK AT THE BOTTOM TO FACILITATE ROOT GROWTH AFTER TREATMENT WITH ROOTING HORMONE.
4. INSERT 30" INTO EXISTING NATIVE MATERIAL.
5. FOR WILLOW STAKES IN ROCK KEYWAYS, TAILWATER STRUCTURES AND DROP STRUCTURES, INSTALL STAKES AND ROCK CONCURRENTLY AND THEN BACKFILL WITH ROUGHENED CHANNEL BED MIX AND NATIVE MATERIAL. MAINTAIN MIN 30" OF CONTACT WITH UNDERLYING SOIL. SEE ABOVE RIGHT.
6. WILLOW STAKES MUST BE USED WITHIN 36 HRS OF HARVESTING (SEE SPECIFICATIONS FOR HANDLING DETAILS).



3 WILLOW STAKES NOT TO SCALE

MEDEA CREEK RESTORATION
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PLANTING PLAN
AGOURA HILLS, LOS ANGELES COUNTY

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Date:	2014-2-25
Sheet:	11 OF 23

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