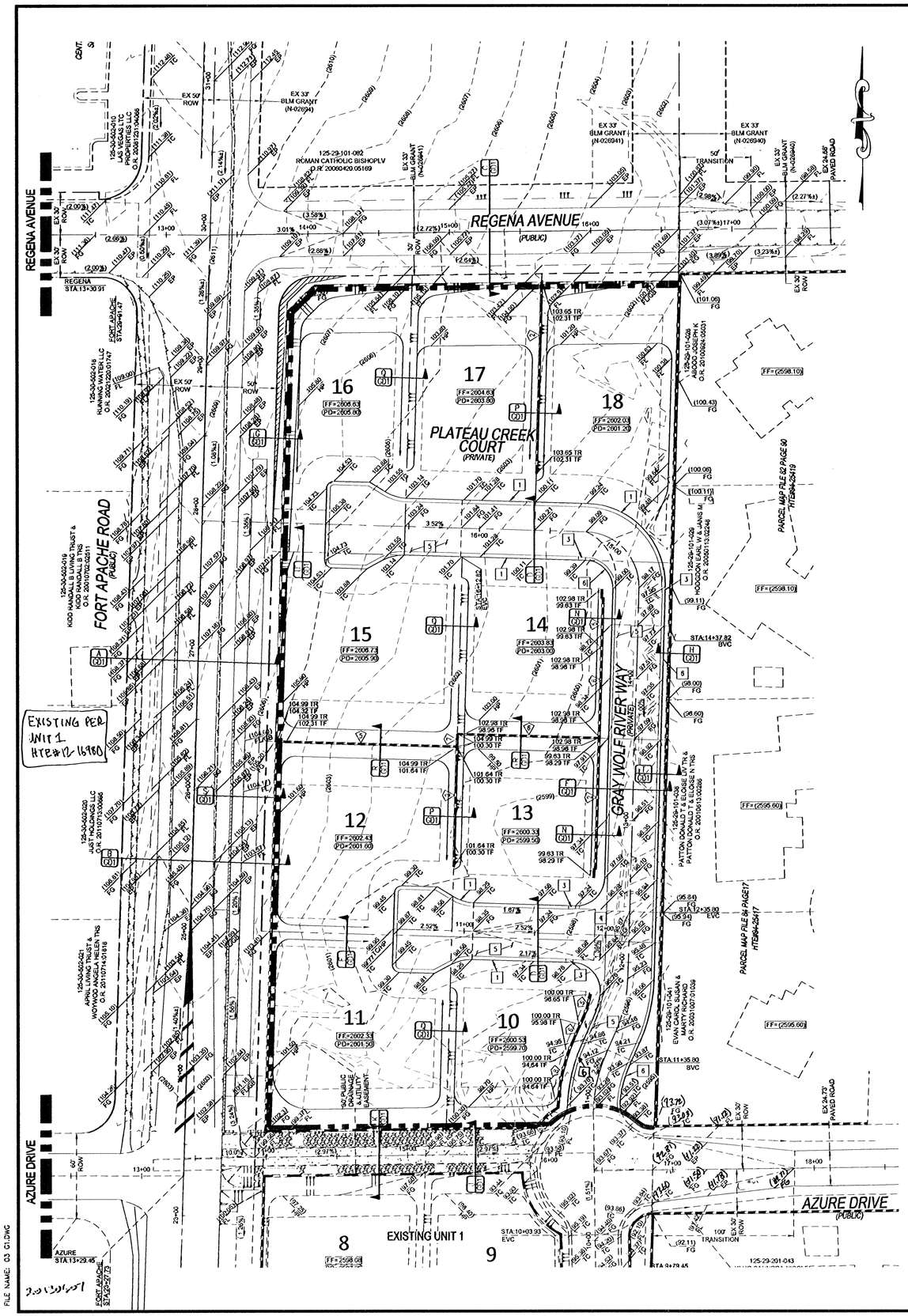


Call Before You Dig
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
CALL 811
or
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-800-455-7544

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY.
Call before you
UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

LEGEND

	EXISTING	PROPOSED
DESIGN ELEVATION	(10.00)	10.00
FUTURE ELEVATION		[10.00]
SCARP (SLOPE VARIES)		
CONTOUR (1' INTERVAL)		
CONTOUR (5' INTERVAL)		
DIRECTION OF FLOW		
RETAINING WALL		
CMU WALL		
CUT-OFF WALL		
CENTERLINE		
RIGHT-OF-WAY		
CUT LINE ASPHALT		
CURB AND GUTTER		
CHAIN LINK FENCE	X X	X X
POWER POLE		
SIDEWALK RAMP		
CURB DROP INLET		
STORM DRAIN W/MANHOLE		
SIDEWALK		
PROPERTY LINE		
CUT-FILL LINE		
EDGE OF PAVEMENT		
SIGHT VISIBILITY ZONE		
UNIT LINE		
COURSES OF RETAINAING WALL		

GEOTECHNICAL

AMERICAN SOILS ENGINEER LLC
6000 S EASTERN AVE, SUITE 68
LAS VEGAS, NEVADA 89119
702-889-9617

REPORT NO: 1547-GEO
DATE 11/15/2011

SCALE

40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

GRADING NOTES

COMPLETION OF SECTION II OF DRAINAGE COMPLIANCE REPORT REQUIRED.

ADD 2500 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.

ALL PRIVATE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).

ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENTS HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO CLARK COUNTY.

CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

FLOOD ZONE

PROJECT SITE IS LOCATED IN FLOOD ZONE "X" WHICH IS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% CHANCE ANNUAL FLOODPLAIN PER FIRM MAP 32003C1745E, REVISED SEPTEMBER 27,2002

EARTHWORK

TOTAL FOR OVERALL DEVELOPMENT: 250 CY CUT
150 CY FILL

THIS OPINION OF THE CUT AND FILL QUANTITIES IS PROVIDED AS REQUIRED BY CLARK COUNTY BUILDING CODE REQUIREMENTS. THIS INFORMATION SHOULD NOT BE USED FOR BIDDING PURPOSES. ALL CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN QUANTITIES. THESE TOTALS ARE RAW AND DO NOT ACCOUNT FOR SHRINKAGE AND SUBSIDENCE.

CONSTRUCTION NOTES

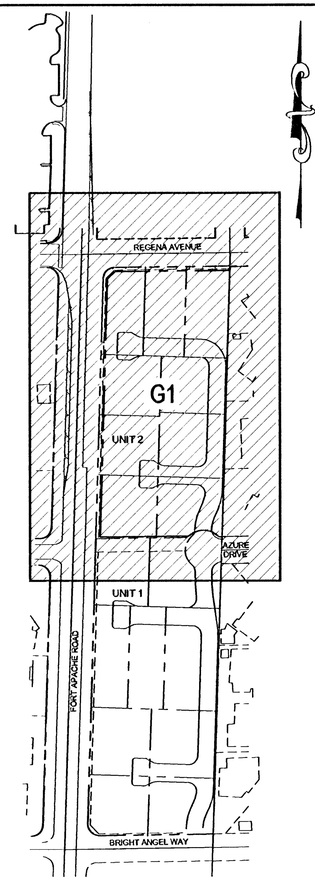
1 -------30" ROLL TYPE CURB & GUTTER (USD #217.S1)
2 --SAWCUT & MATCH EXISTING AC PAVEMENT
3 -------5' TRANSITION FROM ROLL CURB TO L-TYPE CURB (SEE M/GD1)
4 --8.0' CROSS GUTTER (USD #228)
5 -------AC PAVEMENT OVER TYPE II (PER GEOTECHNICAL REPORT)
6 --2-6" L-TYPE CURB & GUTTER (USD #216)

APPROVAL BLOCK

APPROVED FOR CONSTRUCTION

11/07/12
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER (PRO.# 117506) DATE

KEY MAP



LEGAL DESCRIPTION

THE WEST HALF (W ½) OF THE SOUTHWEST QUARTER (SW ¼) OF THE NORTHWEST QUARTER (NW ¼) OF THE NORTHWEST QUARTER (NW ¼) OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AND THE WEST HALF (W ½) OF THE NORTHWEST QUARTER (NW ¼) OF THE SOUTHWEST QUARTER (SW ¼) OF THE NORTHWEST QUARTER (NW ¼) OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA.

BASIS OF BEARINGS

NORTH 01°44'05" EAST BEING THE WEST LINE OF THE SOUTHWEST QUARTER (SW ¼) OF THE NORTHWEST QUARTER (NW ¼) OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN FILE 108, PAGE 82 OF SURVEYS.

BENCHMARK

CC BM NO. 8LV9029W4 - CITY OF LAS VEGAS PIN AND ROUND PLATE IN CONCRETE PAD, SOUTHEAST CORNER OF TROPICAL PKWY. AND FORT APACHE RD.

ELEVATION 789.682M/2590.82FT (NAVD 88 DATUM)

GRADING CERTIFICATION

I CERTIFY THIS GRADING PLAN COMPLIES WITH THE APPROVED DRAINAGE STUDY, HTE 12-6399, ON FILE WITH CLARK COUNTY FOR THIS PROJECT.

10/26/12
ROBERT D. CUNNINGHAM, P.E. DATE

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT REVIEW
ACCEPTANCE OF PLANS FOR FILING

BY 11-16-12
CLARK COUNTY DATE
DEPARTMENT OF DEVELOPMENT SERVICES

ACCEPTANCE OF THESE PLANS FOR FILING SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM THE CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

NO.	DESCRIPTION	SH/TS.	APPR.	DATE

REVISIONS

D R HORTON
330 CAROUSEL PKWY
HENDERSON, NV 89014
(702) 555-5900 FAX: (800) 908-4601

TANEY ENGINEERING
6030 S. JONES BLVD STE# 100
LAS VEGAS, NEVADA 89118
(702) 362-8844 FAX: (702) 362-5233

REGENA AND FORT APACHE UNIT 2 A RESIDENTIAL SUBDIVISION

GRADING PLAN

PROFESSIONAL ENGINEER STATE OF NEVADA
ROBERT D. CUNNINGHAM
Exp. 12-31-12
CIVIL
No. 15726
10/26/12
ENGINEER'S SEAL

DATE:	10/26/2012
SCALE:	1"=40'
JOB NO:	DRH-11-024
DESIGNED BY:	MC/SF
CHECKED BY:	RDC
SHEET NAME:	G1
SHEET:	03 OF 9

HTE#12-16980
CC (CLV SEWER)

FILE NAME: 03 G1.DWG

45289 307V1057-2