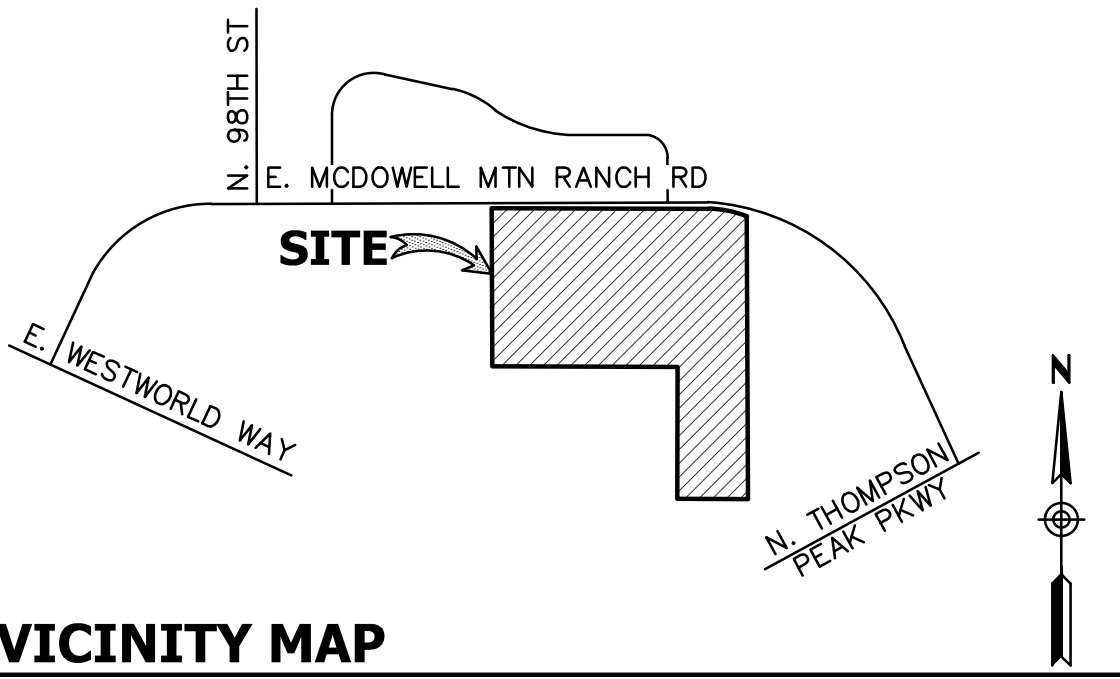
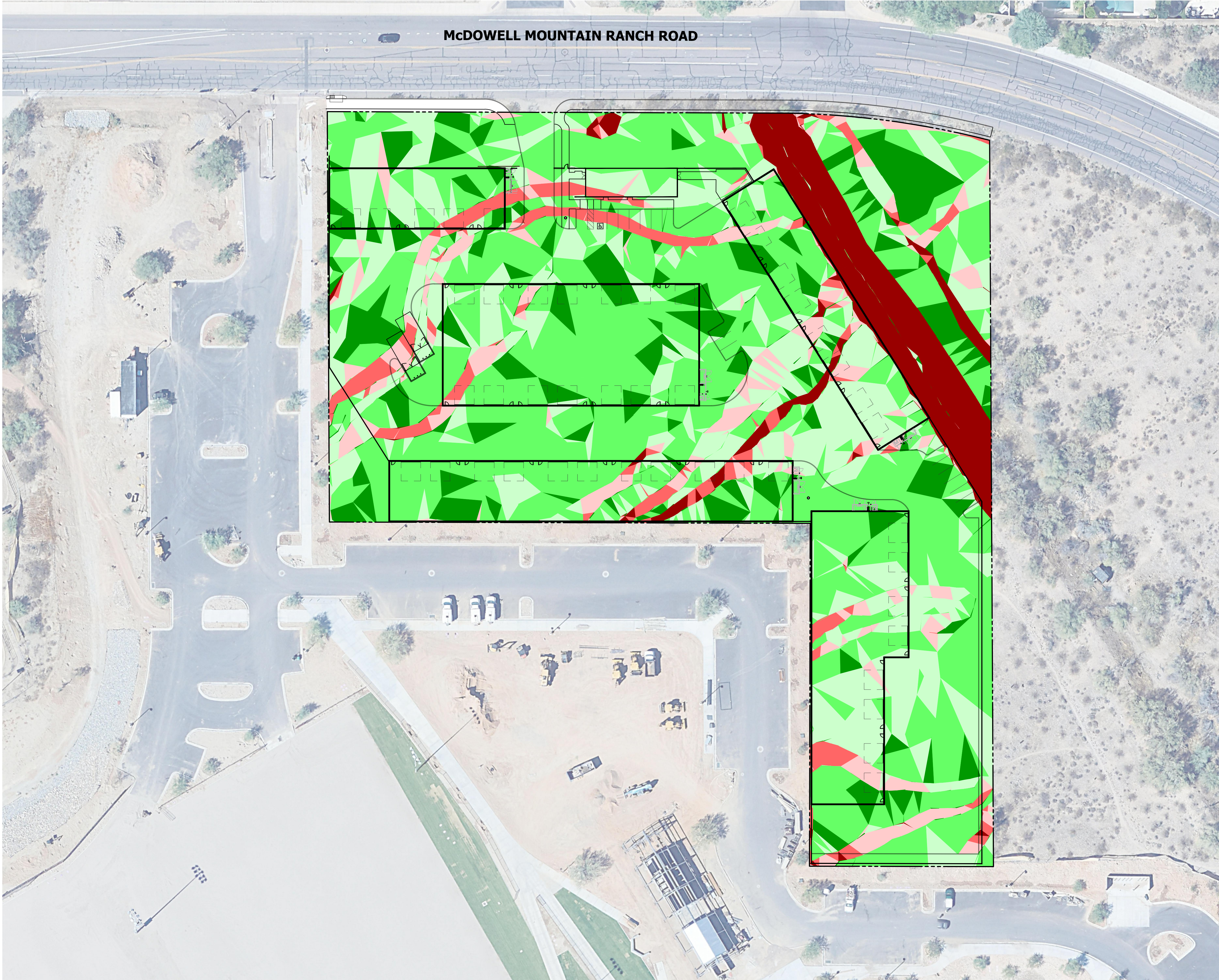


SLOPE ANALYSIS
FOR
COLLECTOR'S GARAGE AT WESTWORLD
9909 E. MCDOWELL MOUNTAIN RANCH ROAD
SCOTTSDALE, ARIZONA



VICINITY MAP

SLOPE ANALYSIS

SLOPE TABLE					
MIN SLOPE	MAX SLOPE	AREA (sf)	COLOR		
0%	2%	26,762			
2%	5%	103,062			
5%	10%	52,537			
10%	15%	13,666			
15%	25%	9,264			
25%	>25%	16,255			
SITE TOTAL		221,546	5.09 acres	NET	
		245,994	5.65 acres	GROSS	

NO.	DATE	REVISION	BY

DESIGN BY: GH
DRAWN BY: GH
CHECKED BY: GH

HUNTER
ENGINEERING
10446 NORTH 74TH STREET, SUITE 140
SCOTTSDALE, AZ 85258
T 480 991 3985
F 480 991 3986
CIVIL AND SURVEY



SLOPE ANALYSIS
FOR
COLLECTOR'S GARAGE AT WESTWORLD
9909 E. MCDOWELL MOUNTAIN RANCH ROAD
SCOTTSDALE, ARIZONA



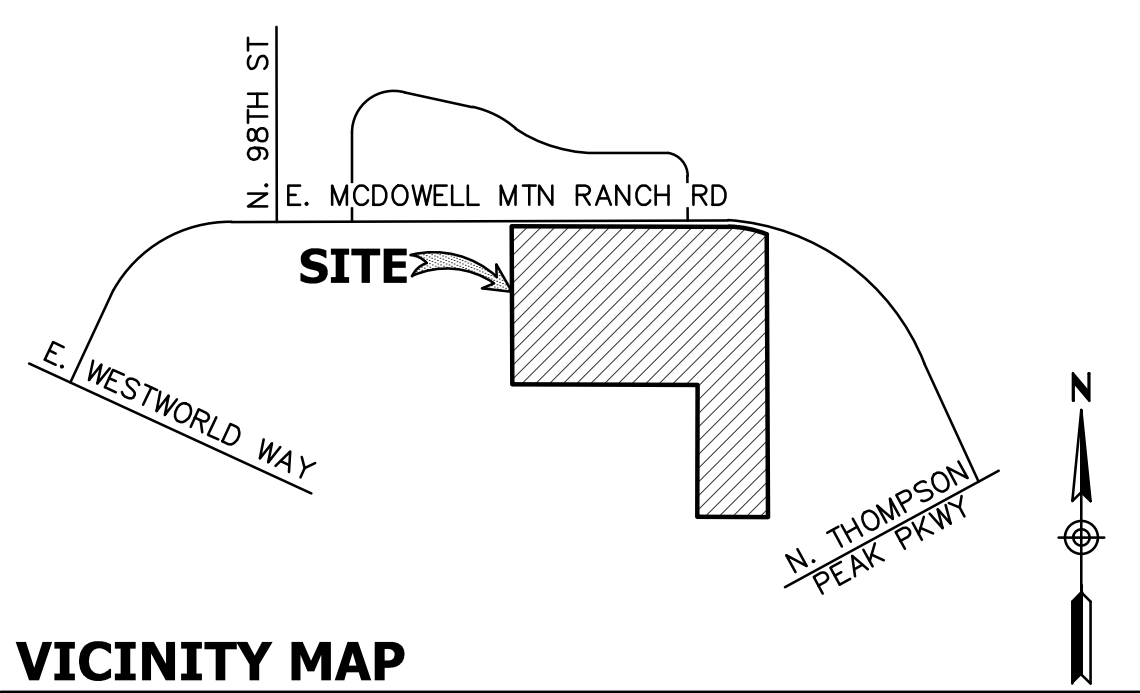
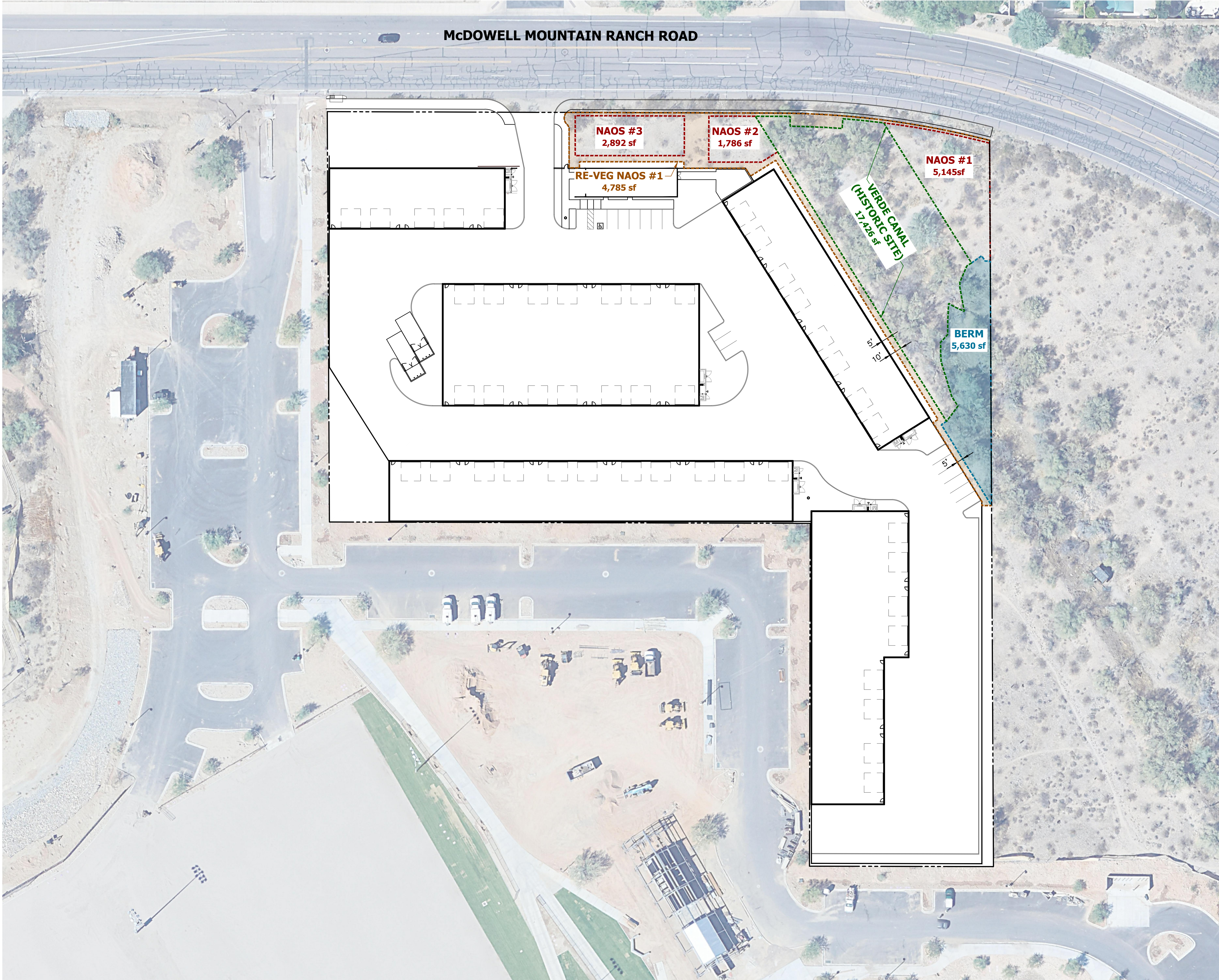
THESE PLANS ARE
NOT APPROVED FOR
CONSTRUCTION
WITHOUT AN
APPROVED SIGNATURE
FROM THE GOVERNING
MUNICIPALITY.

PROJECT NAME:
COLLECTOR'S
GARAGE
WESTWORLD

HE NO.: LGEC324

SCALE: 1"=40'
SHEET:
1

NAOS CALCULATIONS
FOR
COLLECTOR'S GARAGE AT WESTWORLD
9909 E. MCDOWELL MOUNTAIN RANCH ROAD
SCOTTSDALE, ARIZONA



VICINITY MAP

LEGEND

NAOS AREA

NAOS AREA TO BE RE-VEGETATED

VERDE CANAL (HISTORIC SITE)

BERM AREA TO BE RE-VEGETATED

SLOPE ANALYSIS

SLOPE TABLE			
MIN SLOPE	MAX SLOPE	AREA (sf)	COLOR
0%	2%	26,762	
2%	5%	103,062	
5%	10%	52,537	
10%	15%	13,666	
15%	25%	9,264	
25%	>25%	16,255	
SITE TOTAL		221,546	5.09 acres
		245,994	5.65 acres

NET
GROSS

NAOS CALCULATIONS

NAOS REQUIRED (LOWER DESERT LANDFORM)

SLOPE	MIN SLOPE	MAX SLOPE	AREA (sf)	NAOS (sf)
0-2%	0.2	2	26,762	5,352
2-5%	0.25	5	103,062	25,765
5-10%	0.30	10	52,537	15,761
10-15%	0.30	15	13,666	4,100
15-25%	0.30	25	9,264	2,779
25%+	0.30	>25	16,255	4,876
SUBTOTAL NAOS REQUIRED			58,833	
- VERDE CANAL CREDIT			-34,852	
TOTAL NAOS REQUIRED			23,781	
% OF SITE			9.7%	

* NOTE MIN NAOS FOR LOWER DESERT LANDFORM = 15% (GROSS AREA)

MIN NAOS REQUIRED = 15% * 245,994 SF = 36,899 SF

NAOS PROVIDED

NAOS #1	NAOS #2	NAOS #3	RE-VEG NAOS #1	RE-VEG BERM	VERDE CANAL	TOTAL NAOS PROVIDED	% OF SITE
5,145	1,786	2,892	4,785	5,630	17,426	37,664	15.3%

SURPLUS NAOS 765 SF

CITY NAOS METRICS

	REQUIRED	PROVIDED
MIN NAOS %	15%/36,899 SF	15.3%/37,664 SF
MAX RE-VEG NAOS	30%/11,070 SF	28.2%/10,415 SF

BY: []
REVISION: []
DATE: []
NO.: []

PURPOSE: SLOPE ANALYSIS

DESIGN BY: GH
DRAWN BY: GH
CHECKED BY: GH

CIVIL AND SURVEY

HUNTER ENGINEERING
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PROFESSIONAL ENGINEER
63946
GRANT D. HIRNEISE
4/25/25
ARIZONA

NAOS CALCULATIONS FOR COLLECTOR'S GARAGE AT WESTWORLD 9909 E. MCDOWELL MOUNTAIN RANCH ROAD SCOTTSDALE, ARIZONA

CONTACT ARIZONA811 AT A LEAST 2 FULL WORKING DAYS BEFORE THE BEGINNING OF CONSTRUCTION
CALL 811 OR VISIT ARIZONA811.COM

THESE PLANS ARE NOT APPROVED FOR CONSTRUCTION WITHOUT AN APPROVED SIGNATURE FROM THE GOVERNING MUNICIPALITY.

PROJECT NAME: COLLECTOR'S GARAGE WESTWORLD

HE NO.: LGEC324

SCALE: 1"=40'

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