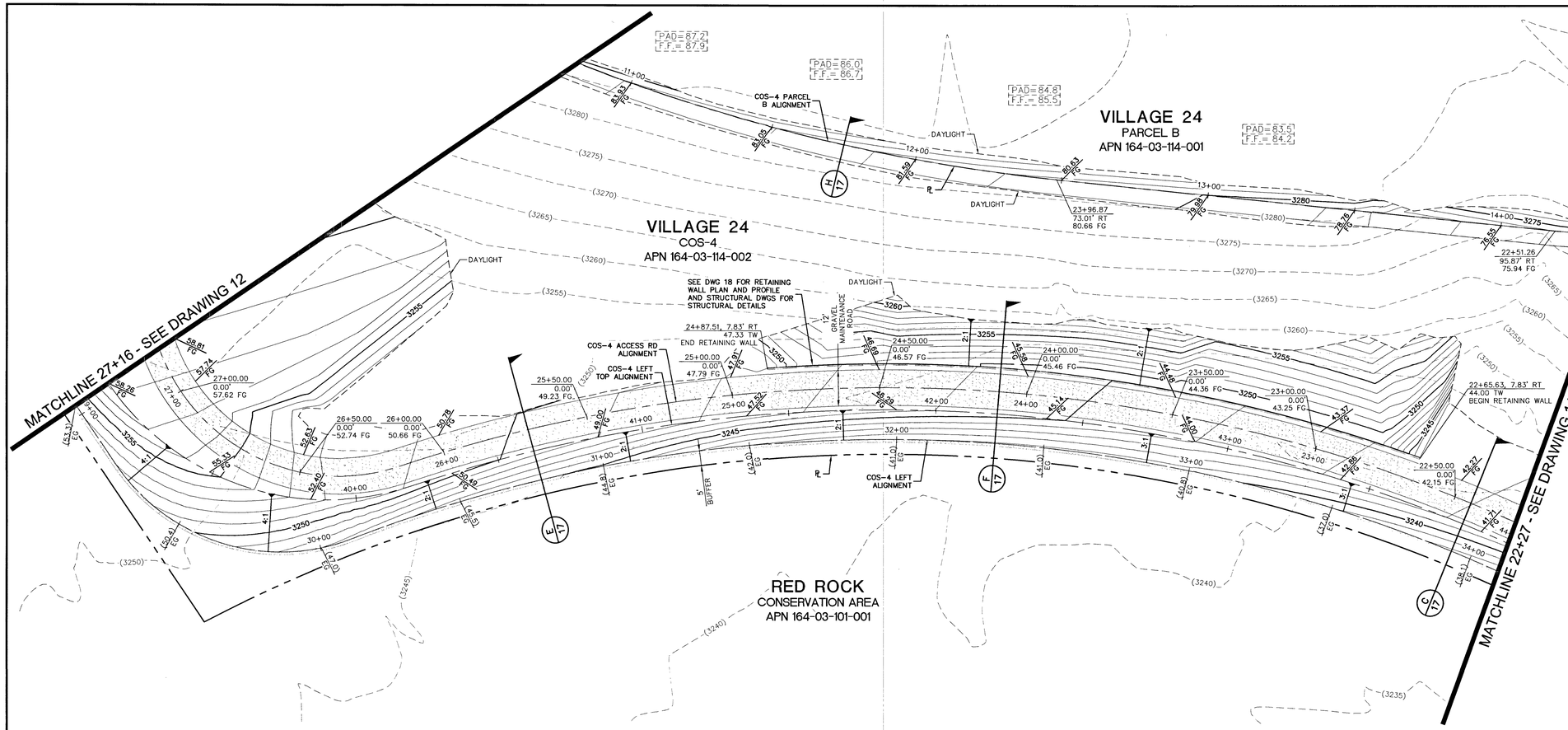
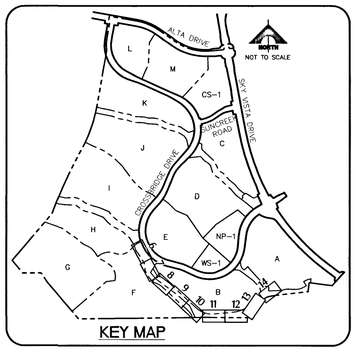


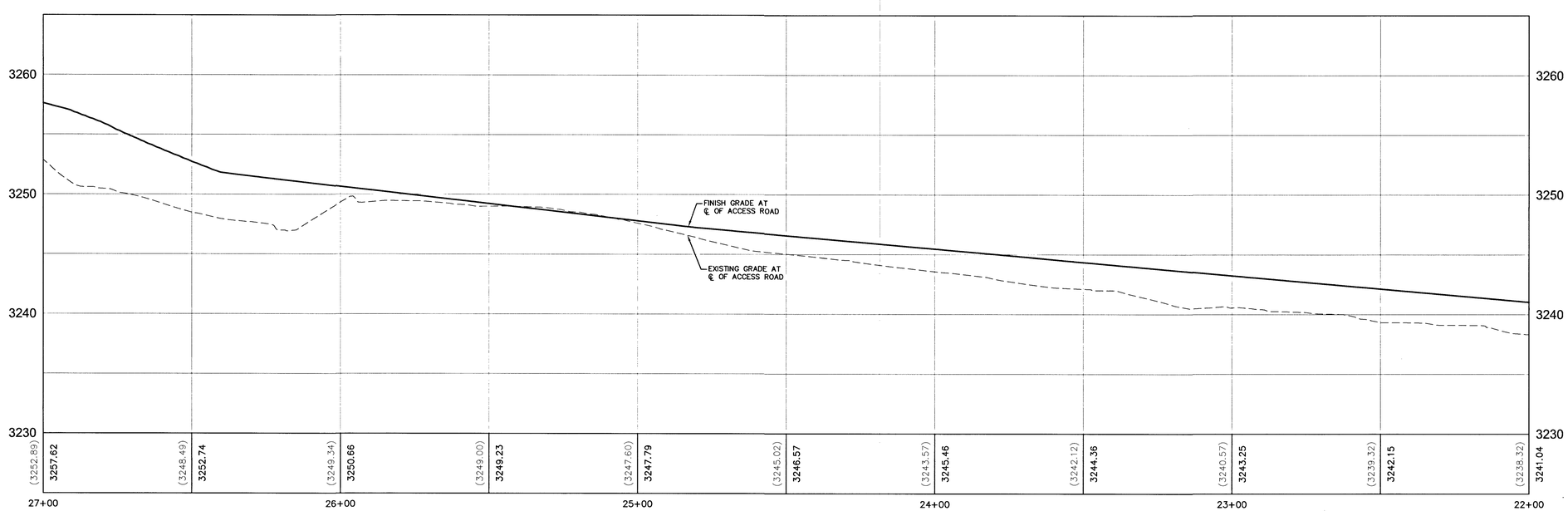



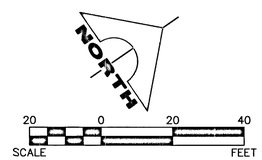

## GRAVEL MAINTENANCE ROAD

2" CRUSHED ROCK/GRAVEL @ 95%

## COS-4 (WATERS OF THE US)

SCALE: HORIZ 1" = 20'
VERT. 1" = 5'




RIPRAP GENERAL NOTE:
ALL RIPRAP, SHALL ADHERE TO REQUIREMENTS OF UNIFORM STANDARD SPECIFICATION SECTION 610 "SLOPE AND CHANNEL PROTECTION."

FOR GROUTED RIPRAP LARGE ROCK, SEE ADDITIONAL REQUIREMENTS TO SECTION 610 "SLOPE AND CHANNEL PROTECTION ADDITIONAL NOTES" PER DETAIL 1 SHEET 17.

COS WASH MAINTENANCE GENERAL NOTE:

HOA TO MAINTAIN DESIGN GRADES AND RIPRAP ALONG CUTOFF WALLS AFTER EVERY MEASURABLE STORM EVENT. IF THERE IS MEASURABLE RAINFALL DEPTH IN THE CCRFCD GAUGES 4329 AND 4344, THE COS WASH SHOULD BE INSPECTED BY HOA AFTER CESSATION OF THE STORM EVENT.

CCRFCD RAINFALL GAUGE 4329 IS LOCATED IN BROWNSTONE CANYON UPSTREAM OF VILLAGE 24.

CCRFCD RAINFALL GAUGE 4344 IS LOCATED IN THE RED ROCK DETENTION BASIN DOWNSTREAM OF VILLAGE 24.

## NOTE

THIS SET OF DRAWINGS IS BASED UPON NAVD 88 DATUM. PREVIOUS DRAWINGS MAY BE BASED ON OTHER DATUM. CARE SHOULD BE OBSERVED WHEN UTILIZING THIS SET OF DRAWINGS

## BASIS OF BEARINGS

SOUTH 89°47'23" EAST, BEING THE BEARING OF THE NORTH LINE OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

## BENCHMARK

| BM # | DESCRIPTION | NAVD 88 DATUM | NAVD 88 DATUM |
|---|---|---|---|
| CLV BM No. D368 | U.S.C. & G.S. DISC SET IN ROCK RIDGE 150' SOUTH OF CHARLESTON BLVD & WEST OF DETENTION BASIN. | 3246.63 (FEET) | 989.574 (METERS) |

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811 or 1-800-227-2600 AND CLARK COUNTY TRAFFIC OPERATIONS 1-702-455-6000

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

FAST
Call before you UnderGround
1-702-432-5300
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

107V6749

ENGINEER - STATE OF NEVADA
JOSHUA M. JOHNSON
PROFESSIONAL ENGINEER
No. 15168

| REV | DATE | DESCRIPTION | DATE | AGEN APP | DATE | GOV APP | DATE |
|---|---|---|---|---|---|---|---|
| | | | | | | | 09/27/16 |

PROJECT NO. 62024-234
DESIGN: LG/BV
DRAWN: BV
CHECK: JJ
PLOT DATE: 09-27-16
PLOT TIME: 14:22:02

GCV
1555 S. RAINBOW BLVD.
LAS VEGAS, NV 89146
T: 702.804.2000
F: 702.804.2299
gcwengineering.com
ENGINEERS \ SURVEYORS

F:\Projects\60\62024-226-4\DWG\Production\V24-226-4_G0.dwg
Matthew Burge

THE HOWARD HUGHES COMPANY, LLC

VILLAGE 24 - US WATERS
COS - 4 WASH

GRADING PLAN 8

DRAWING
13
16 OF 21 SHTS

H#66858