MATCHLINE SEE SHEET G-1

BASE LINE N23°21'00"E (1580.27)

BASE LINE

STA "DBB" 44+60.54
N 520077.8757
E 562316.3238

S66°38'51"E 678.74'

LIMITS OF GRADING

RIPRAP D50=12" 24" THICK

3:1 SLOPE

4:1 SLOPE

N 518914.42
E 562123.18
ELEV=37.00

N 518929.35
E 562160.81
ELEV=37.00

N 519096.47
E 562198.50
ELEV=38.00

N 519019.52
E 562204.04
ELEV=37.00
FLOWLINE

N 519115.06
E 562245.34
ELEV=38.00

N 519276.63
E 562274.10
ELEV=39.00

N 519202.82
E 562287.61
ELEV=38.00
FLOWLINE

N 519460.55
E 562349.15
ELEV=40.00

N 519300.76
E 562329.86
ELEV=39.00

N 519384.85
E 562370.46
ELEV=39.00
FLOWLINE

N 519642.63
E 562424.48
ELEV=41.00

N 519640.78
E 562429.28
SEDIMENT GAGE
(SEE SHEET D-3)

N 519486.47
E 562414.39
ELEV=40.00

N 519566.88
E 562453.32
ELEV=40.0
FLOWLINE

N 519672.18
E 562498.92
ELEV=41.00
FLOWLINE

N 519748.91
E 562536.17
ELEV=41.00
FLOWLINE

N 519824.68
E 562499.81
ELEV=42.00

N 519861.79
E 562512.56
ELEV=43.00

N 519857.03
E 562587.65
ELEV=42.00

N 519877.44
E 562551.99
ELEV=43.00

Δ=90°00'00"
R=30.00'
L=47.12'
T=30.00'

ACCESS ROAD

N 519871.09
E 562648.28
ELEV=55.00

N 519797.37
E 562679.40
ELEV=55.00

N 519815.54
E 562716.08
ELEV=54.00

N 519825.59
E 562734.12
ELEV=54.00

LIMITS OF GRADING

674.09'

PC "CHRA" 38+81.80
"DBB" 38+81.80
N 519848.4701
E 562847.5555

S66°38'51"E 95.34'

N 519810.6767
E 562835.1596

PT = 37+86.46

Δ=90°00'00"
R=98.50'
L=154.72'
T=98.50'

EXISTING 60" RCP
(TO REMAIN)
INV=3545.00

RIP-RAP

EXISTING ACCESS ROAD

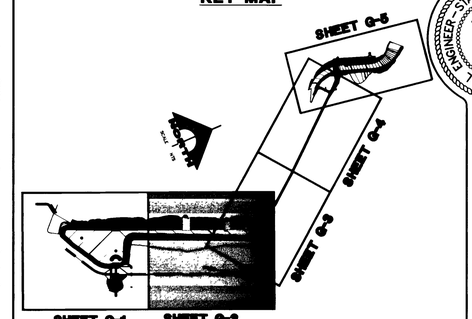
S23°21'09"W
1,571.47'

N 519625.6939
E 562962.6110

0.5%

MATCHLINE SEE SHEET G-3

KEY MAP



NORTH

SCALE: 1"=50'

50 0 50 100
SCALE FEET

Avoid hitting overhead power lines. It's costly.
CALL BEFORE YOU DO OVERHEAD
CALL 1-702-593-6111

Avoid cutting underground utility lines. It's costly.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

BENCHMARK

ID #	DESC.	NAVD 88 DATUM	NAVD 88 DATUM
OLV09 34SSE6	NDOT REFERENCE BRASS CAP, 50' RT OF STA 787+19.42 CHARLESTON BLVD	3209.81 (FEET)	978.3511 (METERS)

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

BASIS OF BEARINGS

NORTH 89°54'38" EAST, BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP THEREOF ON FILE IN FILE 87, PAGE 73 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

DENNIS A. BROWN
No. 12251
PROFESSIONAL ENGINEER
STATE OF NEVADA
DATE: May 23, 2021

REV	DATE	DESCRIPTION	DRAWN	CHECK	APP	DATE	AGEN. APP	DATE

DESIGN: AF
DRAWN:
CHECK: AF
ISSUE DATE:
ISSUE EDITOR:
PLOT DATE: 05-23-01
PLOT TIME: 13:43:21
Dbrown

% COMPLETE
ISSUE DATE:

G.C. WALLACE, INC.
Engineering/Architecture
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299
G:\32052-30\dwg\improv2\035_G002.dwg

THE HOWARD HUGHES CORPORATION
DETENTION BASIN NO. 5 EXPANSION AND DIVERSION BERM
GRADING PLAN
DETENTION BASIN

SHEET
G-2
7 OF 24 SHTS

32568

731-75