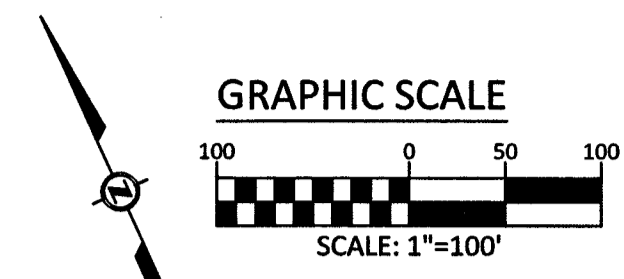


SDMH#	MH TYPE	PIPES IN	PIPES OUT	RIM
1	CAST-IN-PLACE	66" RCP INV IN=3550.00	66" RCP INV OUT=3550.00	3563.72
2	CAST-IN-PLACE	66" RCP INV IN=3546.30	66" RCP INV OUT=3546.30	3558.94
3	CAST-IN-PLACE	66" RCP INV IN=3520.00 24" RCP INV IN=3524.50 24" RCP INV IN=3523.50	66" RCP INV OUT=3520.00	3533.50
4	CAST-IN-PLACE	66" RCP INV IN=3502.40 36" RCP INV IN=3503.40	66" RCP INV OUT=3502.40	3516.05
5	CAST-IN-PLACE	66" RCP INV IN=3482.70 24" RCP INV IN=3486.20	66" RCP INV OUT=3482.70	3496.58
6	CAST-IN-PLACE	66" RCP INV IN=3455.00	66" RCP INV OUT=3455.00	3468.69
7	CAST-IN-PLACE	66" RCP INV IN=3444.80	66" RCP INV OUT=3444.80	3458.18
8	CAST-IN-PLACE	66" RCP INV IN=3438.34 24" RCP INV IN=3439.34 24" RCP INV IN=3441.84	66" RCP INV OUT=3438.33	3452.45



BASIS OF BEARING
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
CITY OF LAS VEGAS BENCHMARK #D368
U.S.C & G.S. DISC SET IN ROCK RIDGE 150' SOUTH OF CHARLESTON BLVD & WEST OF DETENTION BASIN.
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
989.574 METERS
3246.63 U.S. SURVEY FEET

STORM DRAIN QUANTITIES (PUBLIC)

24" STORM DRAIN CLASS III RCP	131 LF
36" STORM DRAIN CLASS III RCP	105 LF
42" STORM DRAIN CLASS III RCP	122 LF
66" STORM DRAIN CLASS III RCP	797 LF
66" STORM DRAIN CLASS III RCP (BEVELED)	1009 LF
CAST-IN-PLACE MANHOLE	8 EA
TYPE "CM" DROP INLET (L = 10.0')	6 EA
CONCRETE COLLAR	1 EA
TEMPORARY PLUG	3 EA

QUANTITIES ARE ESTIMATED ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.

FOR Δ ONLY
2/11/18

CALL BEFORE YOU DIG
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

CALL BEFORE YOU DO UNDERGROUND WORK
AVOID HITTING UNDERGROUND TRAFFIC SIGNAL AND STREET LIGHT SYSTEMS. IT'S COSTLY.

CALL BEFORE YOU DO OVERHEAD WORK
AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.

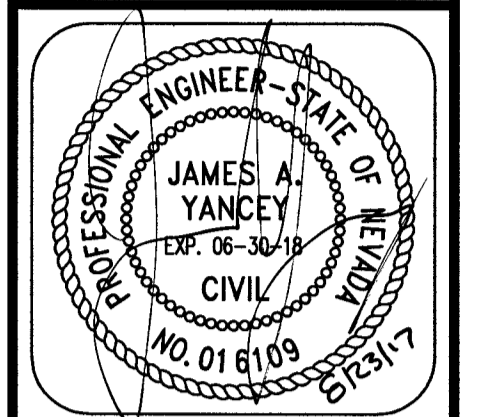
1-800-227-2600

COLLINS ENGINEERS ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

LEGEND

EXISTING	PROPOSED	DESCRIPTION
(0.00)	0.00	ELEVATION TAG
---	---	DRAIN INLET
---	---	RETAINING WALL
---	---	SCREEN WALL
---	---	UTILITY POLE
---	---	STREET LIGHT
---	---	POWER LINE/POLE
---	---	TELEPHONE LINE
---	---	WATER LINE
---	---	SANITARY SEWER LINE
---	---	STORM SEWER LINE
---	---	GAS LINE
---	---	STORM MANHOLE
---	---	FIRE HYDRANT CONNECTION
---	---	WATER VALVE
---	---	REDUCER
---	---	SEWER MANHOLE
---	---	CLEANOUT
---	---	GAS VALVE
---	---	PL-RIGHT-OF-WAY
---	---	PL-ADJACENT CENTERLINE
---	---	EASEMENT LINE
---	---	FLOW LINE
---	---	SON W/POLE
---	---	SAWCUT LINE
---	---	AREA LIGHT
---	---	WATER METER
---	---	AC PAVEMENT
---	---	6" TYPE "A" CURB
---	---	24" TYPE "L" CURB & GUTTER
---	---	30" ROLL CURB
---	---	BACK WATER VALVE

COLLINS ENGINEERS
3130 S. DURANGO DR., SUITE 404
LAS VEGAS, NV 89117
PHONE: (702) 248-8000
FAX: (702) 248-8070
WWW.COLLINSENG.COM



IMPROVEMENT PLANS FOR THE HOWARD HUGHES COMPANY, LLC
APN: 137-33-601-001
STORM DRAIN MASTER PLAN
SUMMERLIN VILLAGE 24 - CROSSBRIDGE DRIVE UNIT 3
CITY OF LAS VEGAS

NO.	DATE	DESIGN BY	DESCRIPTION
1	12/27/17	J. SALDIVAR	REVISED SD LOCATION
		J. SALDIVAR	APPROVED BY: J. SALDIVAR
		K. YAMADA	APPROVED BY: K. YAMADA

CEI PROJECT: 9106
DESIGN BY: J. SALDIVAR
DRAWN BY: J. SALDIVAR
CHECKED BY: K. YAMADA
DATE: 04/2017
SCALE: 1"=100'
SHEET NUMBER: C5.01
SHEET 6 OF 26