SANITARY SEWER MANHOLE TABLE						
SSMH#	STREET NAME	STATION & OFFSET	MH SIZE	PIPES IN:	PIPES OUT	RIM
1	LAKE MEAD BLVD	103+80.24 20.15 L	6.00	12" RCP INV IN=3229.83 15" RCP INV IN=3229.58	15" PVC INV OUT=3229.38	3235.3±
2	LAKE MEAD BLVD	107+57.52 41.33 L	6.00	8" RCP INV IN=3246.58 15" RCP INV IN=3246.00	15" PVC INV OUT=3245.80	3259.0±
3	LAKE MEAD BLVD	112+06.00 38.50 L	6.00	8" RCP INV IN=3274.84 15" RCP INV IN=3274.26	15" PVC INV OUT=3274.06	3285.7±
4	LAKE MEAD BLVD	115+82.36 38.50 L	6.00	12" RCP INV IN=3286.75 15" RCP INV IN=3286.50	15" PVC INV OUT=3286.30	3304.2±
5	LAKE MEAD BLVD	103+78.99 164.83L	5.00	12" RCP INV IN=3231.15	12" PVC INV OUT=3230.95	3235.8±
6	LAKE MEAD BLVD	109+81.00 38.50L	6.00	15" RCP INV IN=3260.18	15" PVC INV OUT=3259.98	3274.3±

SEWER QUANTITIES (PUBLIC)

15" PVC SEWER SDR 35 ..... 1,265 LF

12" PVC SEWER SDR 35 ..... 243 LF

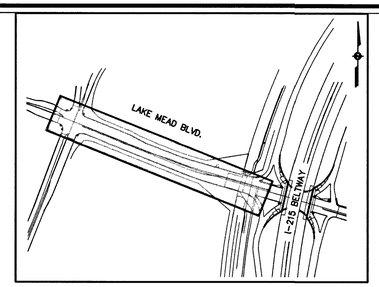
8" PVC SEWER SDR 35 ..... 100 LF

TEMPORARY PLUG W/CAP ..... 5 EA

72"ø SEWER MANHOLE ..... 5 EA

60"ø SEWER MANHOLE ..... 1 EA

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



KEY MAP
NTS

BASIS OF BEARING

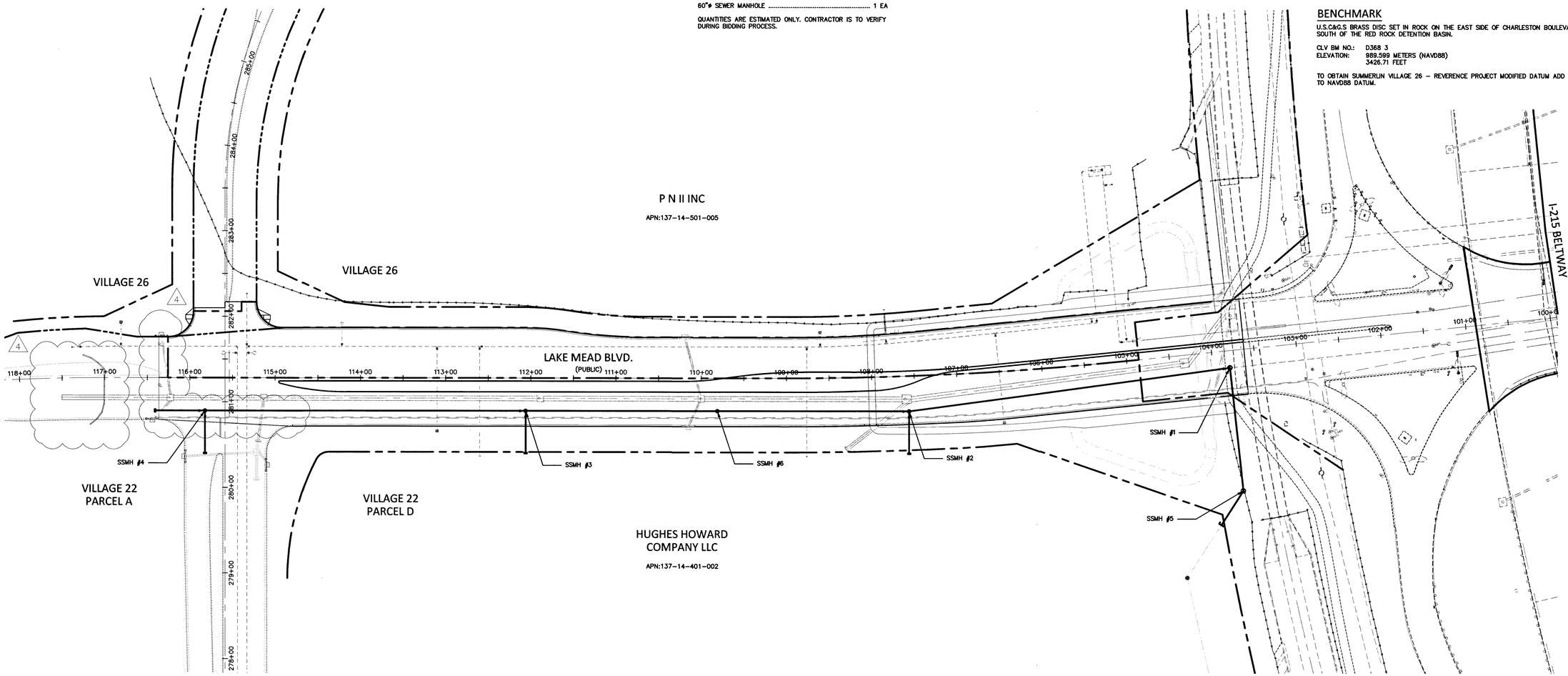
NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

BENCHMARK

U.S.C.&G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.

CLV BM NO.: D368 3
ELEVATION: 989.599 METERS (NAVD88)
3426.71 FEET

TO OBTAIN SUMMERLIN VILLAGE 26 – REVERENCE PROJECT MODIFIED DATUM ADD 0.42 FEET TO NAVD88 DATUM.



CALL BEFORE YOU DIG
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY
Call 811 or 1-800-227-2600

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL AND STREET LIGHT SYSTEMS. IT'S COSTLY.
CALL BEFORE YOU DO UNDERGROUND WORK
CALL 1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS AND
CALL 1-702-432-5300
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

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

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

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FAX: (702) 248-8070
www.collinsengr.com

PROFESSIONAL ENGINEER
KENNETH T. YAMADA
EXP: 6-30-17
STATE OF NEVADA
No.014664

LAKE MEAD BLVD STREET IMPROVEMENTS (I-215 TO DESERT FOUNDATION)

SEWER MASTER PLAN

LAKE MEAD BLVD.
CITY OF LAS VEGAS

NO.	DATE	DESIGN BY	DESCRIPTION
1	11/16/16 02/23/17	KTY S.S.	CLARIFY STREETLIGHTING, END PAVEMENT AND DRAINAGE INLET IMPROVEMENTS

CEI PROJECT: 9346
DESIGN BY: J. SALDIVAR
DRAWN BY: J. SALDIVAR
CHECKED BY: K. YAMADA
DATE: 09/01/16
SCALE: 1" = 60'
SHEET NUMBER C5.00
SHEET 5 OF 16
14665667
107V6673

H:\CAD\LAND\9346\DWG\SHEETS\IMPROVEMENTS\9346-C5.00-SWMP.DWG 06/01/2017 02:57:01 PM