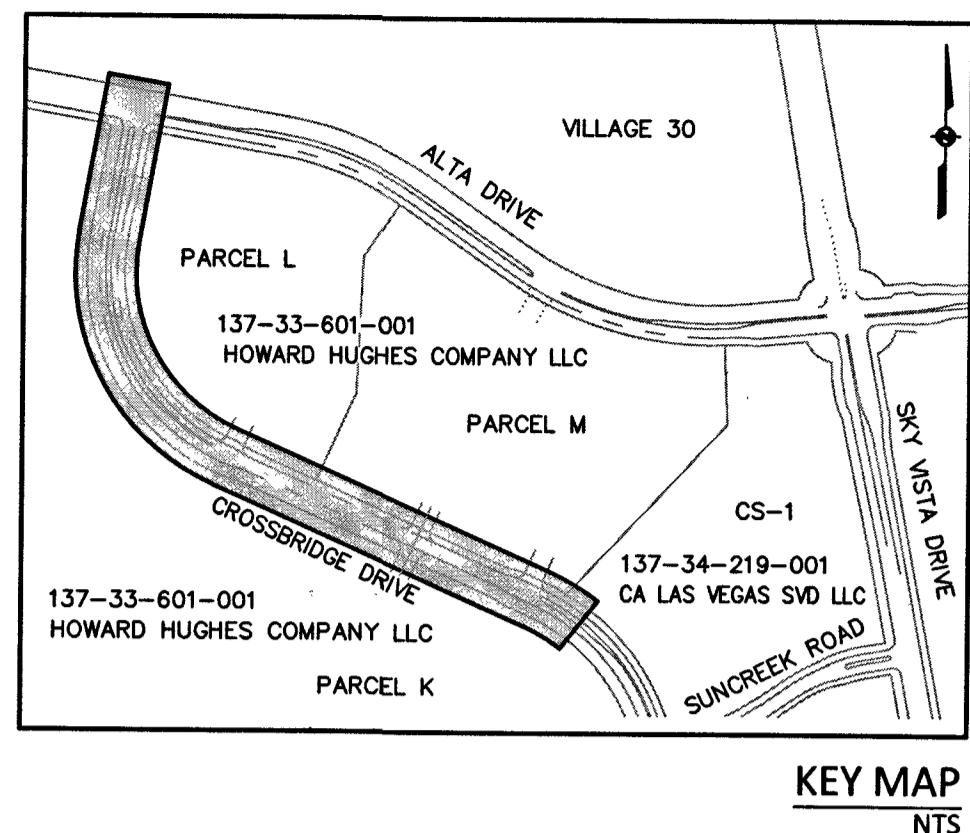
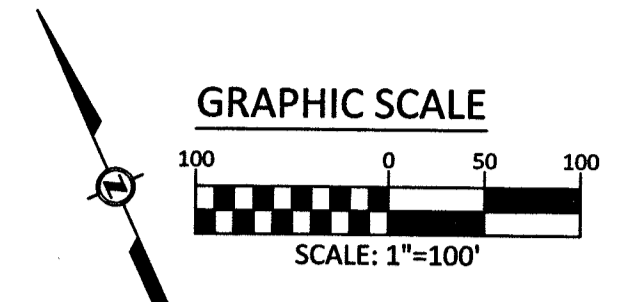


VILLAGE 30  
APN:137-22-000-017



SANITARY SEWER MANHOLE TABLE						
SSMH#	STREET NAME	STATION & OFFSET	MH SIZE	PIPES IN	PIPES OUT	RIM
1	CROSSBRIDGE DRIVE	12+75.00 11.50 R	5.00	12" PVC INV IN=3546.50	12" PVC INV OUT=3546.30	3564.40
2	CROSSBRIDGE DRIVE	14+64.14 11.50 R	5.00	12" PVC INV IN=3539.20	12" PVC INV OUT=3539.00	3557.08
3	CROSSBRIDGE DRIVE	17+10.00 11.50 R	5.00	12" PVC INV IN=3523.70	12" PVC INV OUT=3523.50	3541.10
4	CROSSBRIDGE DRIVE	18+35.01 0.46 L	5.00	12" PVC INV IN=3515.50	12" PVC INV OUT=3515.30	3532.60
5	CROSSBRIDGE DRIVE	20+52.00 0.18 L	5.00	12" PVC INV IN=3501.03 12" PVC INV IN=3500.70	12" PVC INV OUT=3500.50	3517.00
6	CROSSBRIDGE DRIVE	22+50.00 0.00	5.00	12" PVC INV IN=3486.00	12" PVC INV OUT=3485.80	3503.60
7	CROSSBRIDGE DRIVE	23+85.00 0.00	5.00	12" PVC INV IN=3477.20	12" PVC INV OUT=3477.00	3494.10
8	CROSSBRIDGE DRIVE	26+36.00 0.00	5.00	12" PVC INV IN=3460.90	12" PVC INV OUT=3460.70	3476.60
9	CROSSBRIDGE DRIVE	28+82.00 0.00	5.00	12" PVC INV IN=3447.07	12" PVC INV OUT=3446.80	3459.50
10	CROSSBRIDGE DRIVE	29+96.56 4.68 R	8.00	12" PVC INV IN=3445.65	12" PVC INV OUT=3445.45	3453.44
11	CROSSBRIDGE DRIVE	12+68.17 28.06 R	5.00	12" PVC INV IN=3446.93	12" PVC INV OUT=3446.73	3454.24
13	CROSSBRIDGE DRIVE	30+52.84 3.28 R	5.00	12" PVC INV IN=3445.04	12" PVC INV OUT=3444.84	3451.45

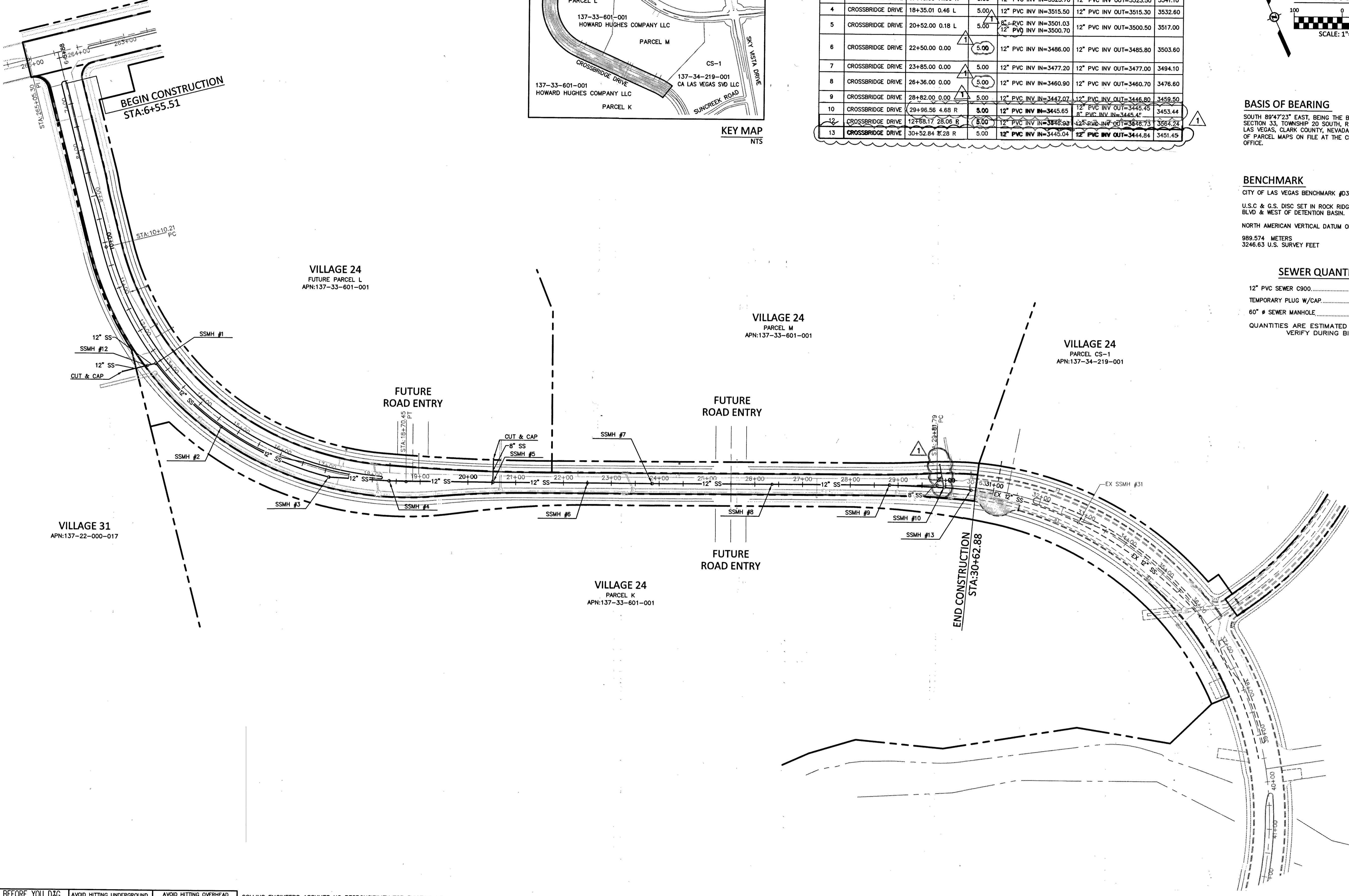


BASIS OF BEARING  
SOUTH 89°47'23" EAST, BEING THE BEARING OF THE NORTH LINE OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

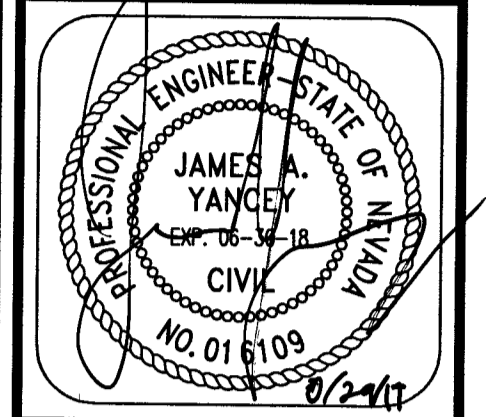
BENCHMARK  
CITY OF LAS VEGAS BENCHMARK #D368  
U.S.C. & G.S. DISC SET IN ROCK RIDGE 150' SOUTH OF CHARLESTON BLVD & WEST OF DETENTION BASIN.  
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)  
989.574 METERS  
3246.63 U.S. SURVEY FEET

SEWER QUANTITIES (PUBLIC)  
12" PVC SEWER C900..... 1806 LF  
TEMPORARY PLUG W/CAP..... 3 EA  
60" # SEWER MANHOLE..... 12 EA  
QUANTITIES ARE ESTIMATED ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.

FOR ONLY  
2/1/18



**COLLINS ENGINEERS**  
3130 S. DURANGO DR., SUITE 404  
LAS VEGAS, NV 89117  
PHONE: (702) 248-8000  
FAX: (702) 248-8070  
www.collinsengr.com



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

NO.	DATE	DESIGN BY	DESCRIPTION
1	12/27/17		REVISED SS LOCATION APPROX BY JYM 2/27/18

CEI PROJECT: 9106  
DESIGN BY: J. SALDIVAR  
DRAWN BY: J. SALDIVAR  
CHECKED BY: K. YAMADA  
DATE: 04/2017  
SCALE: 1"=100'  
SHEET NUMBER  
**C5.00**  
SHEET 5 OF 26  
H65276

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

**CALL BEFORE YOU DO UNDERGROUND WORK**  
CALL 1-702-455-7511  
OR VISIT WWW.CALLBEFOREYOUDIG.COM

**CALL BEFORE YOU DO OVERHEAD WORK**  
CALL 1-702-227-2929  
OR VISIT WWW.CALLBEFOREYOUDO.COM

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	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED
(0.00) - (0.00)	0.00 - 0.00	-E-P-	-E-P-	●	●	---	---	---	---
XXX	XXX	TEL	TEL	●	●	PL-ADJACENT	PL-ADJACENT	---	---
		W	W	●	●	CENTERLINE	CENTERLINE	---	---
		SS	SS	●	●	EASEMENT LINE	EASEMENT LINE	---	---
		S	S	●	●	FLOW LINE	FLOW LINE	---	---
		D	D	●	●	SIGN W/POLE	SIGN W/POLE	---	---
		G	G	●	●	SAWCUT LINE	SAWCUT LINE	---	---
		M	M	●	●	AREA LIGHT	AREA LIGHT	---	---
		SM	SM	●	●	WATER METER	WATER METER	---	---
		ST	ST	●	●			---	---