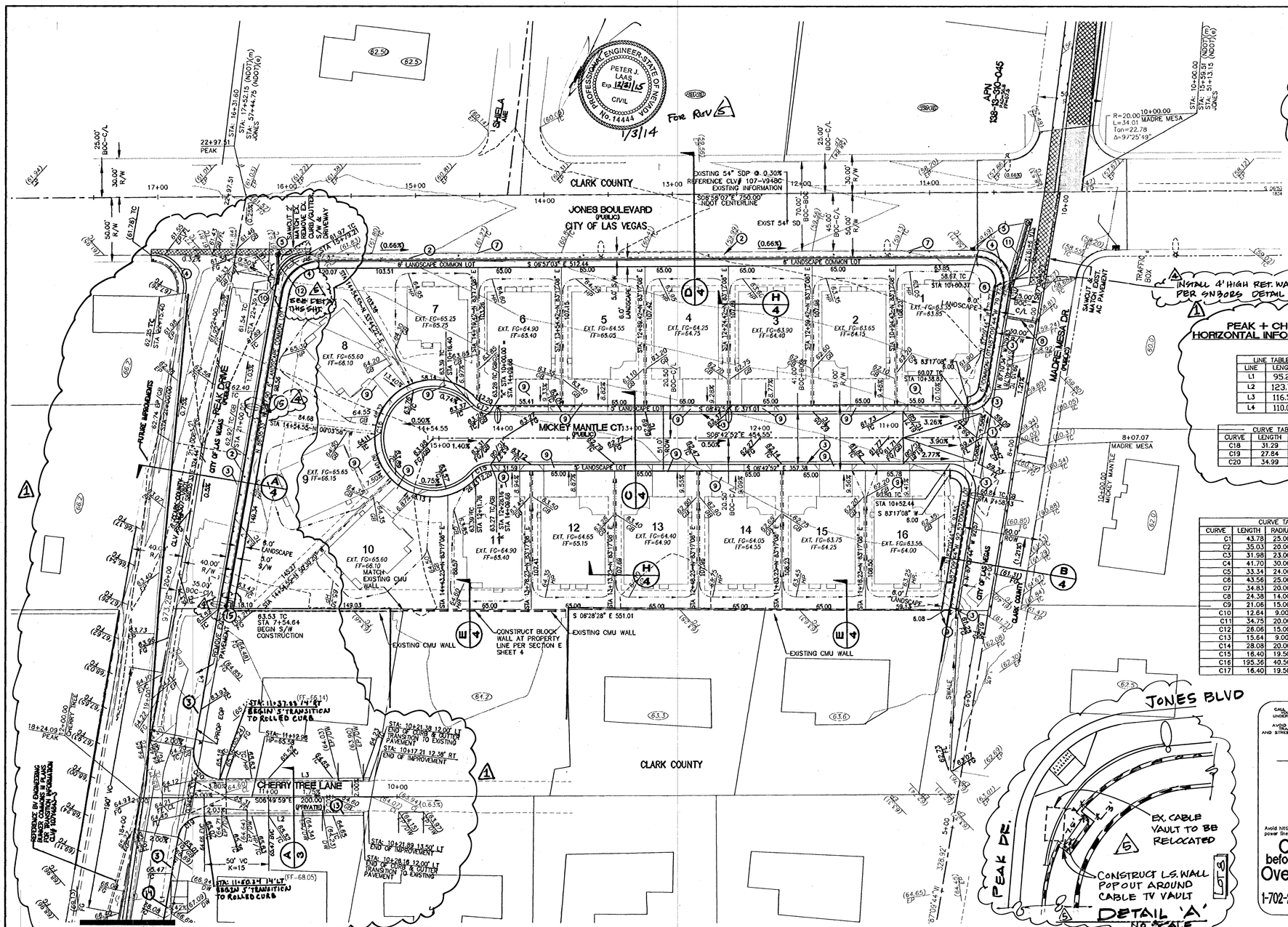
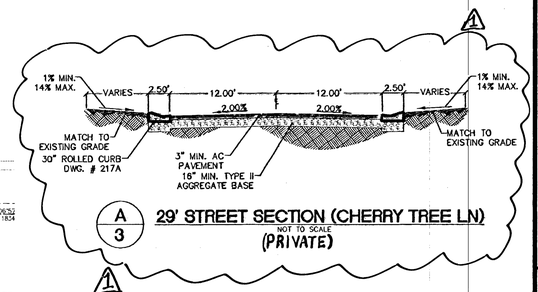




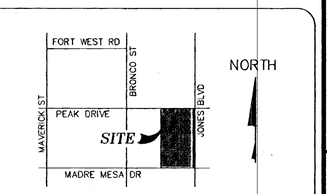
A/3 **29' STREET SECTION (CHERRY TREE LN)**
NOT TO SCALE
(PRIVATE)

PEAK + CHERRY TREE HORIZONTAL INFORMATION TABLES

LINE TABLE (AT BFC)		
LINE	LENGTH	BEARING
L1	95.22	S86°34'40"E
L2	123.73	S06°49'59"E
L3	116.50	S06°49'59"E
L4	110.08	N86°35'33"W

CURVE TABLE (AT BFC)			
CURVE	LENGTH	RADIUS	TANGENT
C18	31.29	18.00	21.30
C19	27.84	20.00	16.71
C20	34.99	20.00	23.94

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	43.78	25.00	100°20'34"	29.98
C2	35.03	20.00	100°20'34"	23.98
C3	31.98	23.00	79°39'32"	19.18
C4	41.70	30.00	79°38'20"	25.01
C5	33.34	24.00	79°35'02"	19.99
C6	43.56	25.00	99°49'48"	29.70
C7	34.83	20.00	99°47'03"	23.74
C8	24.38	14.00	99°47'19"	16.62
C9	21.06	15.00	80°26'52"	12.69
C10	12.64	9.00	80°26'52"	7.61
C11	34.75	20.00	99°33'08"	23.65
C12	26.06	15.00	99°33'08"	17.74
C13	15.64	9.00	99°32'03"	10.64
C14	28.08	20.00	80°26'52"	16.92
C15	16.40	19.50	48°11'23"	8.72
C16	195.36	40.50	276°22'46"	38.22
C17	16.40	19.50	48°11'23"	8.72



SITE MAP
N.T.S.

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

PEAK DR. STATION NOTE

REFERENCE BV ENGINEERING OF NEVADA PLANS FOR BUNKER COMMONS III (HTE# 05-39260) FOR STATION INFORMATION.

NDOT STATION NOTE

ALL NDOT STATIONING IS BASED ON NDOT PROJECT NO. CL-3145 MATCHING 16+31.60 TO THE REFERENCED PLAN USING A WELL MONUMENT FOUND AT THE INTERSECTION OF PEAK AND N. JONES BLVD.

CONSTRUCTION NOTES

1. CONSTRUCT 8' VALLEY GUTTER PER STD. DWG. #228
2. CONSTRUCT 5' SIDEWALK PER STD. DWG.#234
3. CONSTRUCT "L" TYPE CURB & GUTTER PER STD. DWG.#216
4. CONSTRUCT HANDICAP RAMP PER STD. DWG.#235, CASE I
5. INSTALL 60" TYPE III SD MANHOLE PER STD DWG NO 406
6. CONSTRUCT 20 FOOT OF TYPE CM DROP INLET PER DETAILS ON SHEET 5.
7. EXISTING CURB & GUTTER
8. CONSTRUCT 23 LF OF 24" RCP. SEE SHEET 7
9. CONSTRUCT CONCRETE DRIVEWAY 24" PER STD DWG NO 223
10. CONSTRUCT 5 FOOT OF TYPE CM DROP INLET PER DETAILS ON SHEET 5.
11. CONSTRUCT 24 LF OF 24" RCP. SD SEE SHEET 7
12. CONSTRUCT 19 LF OF 18" RCP. SD SEE SHEET 8
13. CONSTRUCT 30" ROLLED CURB PER STD DWG. #217A
14. CONSTRUCT PCC DRIVEWAY & APRON PER DWG. 223 MODIFY EXISTING DRIVEWAY TO MATCH
15. CONSTR. L.S. WALL POPOUT PER VSDCCA #320.1

CALL BEFORE YOU DIG OR DRILL UNDERGROUND
AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHTING CONDUITS
"1" CONDUIT
Call before you UnderGround
1-702-455-7511 CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-6611 LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM
Avoid hitting overhead power lines. It's costly. **Call before you Overhead**
Avoid cutting underground utility lines. It's costly. **Call before you Dig.**
1-702-227-2929 1-800-227-2600 UNDERGROUND SERVICE ALERT (USA)

NOTES

NDOT PERMIT REQUIRED FOR ENCROACHMENT INTO JONES BOULVARD.

CLARK COUNTY PERMIT REQUIRED FOR IMPROVEMENT ON THE NORTH SIDE OF PEAK DR. AND FOR OFFSITE SEWER IMPROVEMENTS.

BOUNDARY PROVIDED BY STANLEY CONSULTANT LTD. TOPO PROVIDED BY TRC. SUMMIT ENGINEERING DOES NOT ASSUME RESPONSIBILITY FOR THE BOUNDARY AND TOPO INFORMATION.

BASIS OF BEARING (PER STANLEY CONSULTANTS LTD)

NORTH 06°58'42" WEST, BEING THE EAST LINE OF THE SOUTH HALF (S1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 14, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY THAT MAP ON FILE IN THE RECORDER'S OFFICE, CLARK COUNTY, NEVADA, IN FILE 83, PAGE 54 OF PARCEL MAPS.

BENCHMARK (PER TRC-BV ENGINEERING NEVADA)

PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: #725, 6LV00 14SE8
ELEVATION: 694.8878 METERS (2279.81 FEET)
RIVET & PLATE IN TOP OF CURB ON THE WEST SIDE OF MAVERICK STREET @ CARTER

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS (# DS3607F)
NAME: ROBERT GELU P.E. #17741 DATE 7-9-07

CLARK COUNTY
DEPARTMENT OF DEVELOPMENT SERVICES
Acceptance of plans for filing
BY
Acceptance of these plans for filing shall not be construed to be a permit for or an approval of any violation of any of the provisions of the state or county laws and / or specifications. Clark County shall be held free from damages which may result from the construction of the improvements from the engineering design depicted herein.
NOTE: Power poles and / or other existing facilities not in proper location based on proposed improvements shown hereon will be re-located at no expense to Clark County.

103899

ONSITE/OFFSITE FLOOD CONTROL IMPROVEMENTS

DESCRIPTION	QUANTITY	
	PRIVATE	PUBLIC
2' SOLID GROUTED CMU WALL	808 LF	0 LF
24" RCP	0 LF	78 LF
20' TYPE CM INLET	0 EA	1 EA
3' CONCRETE FLUME	107 EA	0 EA
16' X 48" BLOCK WALL OPENINGS	7 EA	0 EA
2' SIDEWALK UNDERDRAIN	0 EA	1 EA

LEGEND

EXISTING WATER LINE	RIGHT-OF-WAY LINE	PAD HIGH POINT
PROPOSED WATER LINE	SUBDIVISION BOUNDARY	SIGHT VISIBILITY RESTRICTION ZONE
EXISTING FIRE HYDRANT	STREET CENTERLINE	TOP OF SLOPE, FRONT AND SIDEYARD
PROPOSED FIRE HYDRANT W/6" LATERAL & 6" G.V.	BLOCK NUMBER	GRADE BREAK OR TRANSITION
GATE VALVE	10 LOT NUMBER	0" LIP DRIVEWAY
REDUCER	FF=22.1 PROPOSED FINISH FLOOR	RETAINING WALL OR SCREEN WALL
EXISTING SEWER LINE	21.1 PROPOSED PAD ELEVATION	CURB TRANSITION 30" ROLL TO "L" TYPE
PROPOSED SEWER LINE	21.5 EXISTING PAD ELEVATION	REMOVAL OF EXISTING PAVEMENT
PROPOSED SEWER LATERAL	21.1 FUTURE PAD ELEVATION	PROPOSED PAVEMENT
EXISTING SEWER MANHOLE	(21.55) EXISTING ELEVATION	
PROPOSED SEWER MANHOLE	21.55 PROPOSED ELEVATION	
CONCRETE DRIVEWAY	[21.55] FUTURE ELEVATION	
EXISTING CONTOUR	FUTURE IMPROVEMENTS	
PROPOSED CONTOUR	EXISTING IMPROVEMENTS	
	SWALE	
	UNIT BOUNDARY	

PROFESSIONAL ENGINEER-STATE OF NEVADA PETER J. LAAS Exp. 12/31/13 CIVIL No. 14444
For 4 12/2/13

PROFESSIONAL ENGINEER-STATE OF NEVADA ROBERT GELU EXP. 6-30-09 CIVIL No. 17741
4-15-07

H10582

CLV # 107Y4843-2
REPLOT

HTE# 06-19400

SUMMIT ENGINEERING CORPORATION
1421 E. SUNSET RD. SUITE 7, LAS VEGAS, NV. 89119
PHONE (702) 252-3236 FAX (702) 252-3247

DESIGNED BY:	RG
DRAWN BY:	Robert
CHECKED BY:	AJH
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CIVIL IMPROVEMENT PLANS FOR BUNKER COMMONS II GRADING PLAN

CLARK COUNTY NEVADA

REV.	DATE	DESCRIPTION	BY	APPD
4	1-15-09	REVISED CHERRY TREE & PEAK DR. GRADING	JRC	KS 7/6/12
5	10-24-13	PEAK DR. L.S. WALL POPOUT	AK	
6	12-23-13	LOT 1 SIDEWALK LINE RETWALL	CTB	12-23-13
		SEAL LINE WALL AROUND EX.	RG	7/8/14

SCALE: HORIZ: N/A VERT: N/A
JOB NO: 730031
SHEET 3 OF 15
P:\DWG\31_730031\lees\J-730031GRDG.DWG * 10:57 AM * 30-NOV-2005