

**LEGEND**

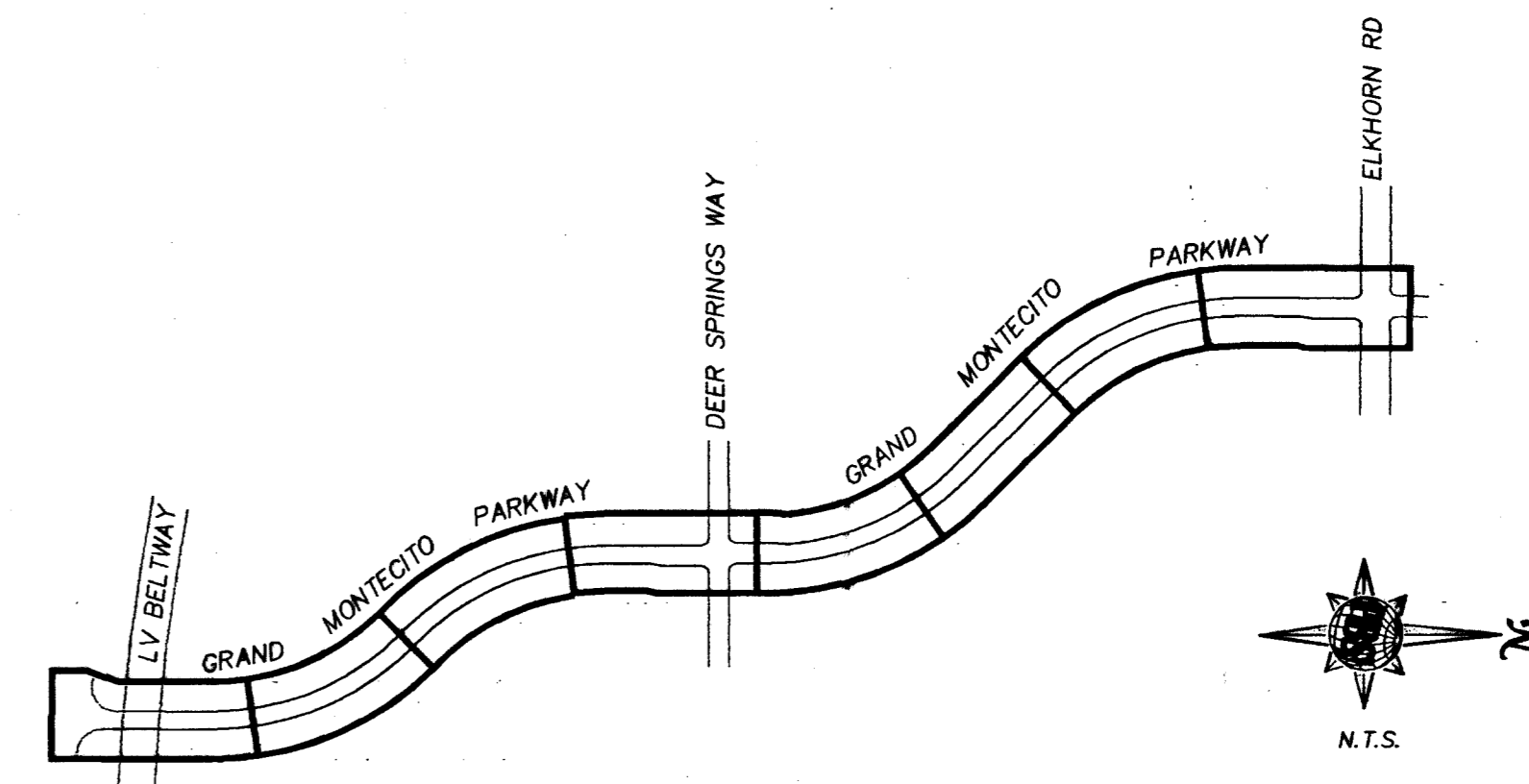
EXISTING TREE		EXISTING MONUMENT	
EXISTING BUSH		EXISTING TRAFFIC CONTROLLER	
EXISTING CHAIN-LINK-FENCE		EXISTING MAILBOX	
EXISTING BLOCK WALL		NEW AC PAVEMENT	
EXISTING SEWER		NEW BLOCK WALL	
EXISTING WATER		NEW STORM DRAIN W/MANHOLE	
EXISTING GAS		NEW STREETLIGHT CONDUIT	
EXISTING UNDERGROUND ELECTRIC		NEW DRIVEWAY	
EXISTING CABLE T.V.		NEW CURB AND GUTTER	
EXISTING STORM DRAIN		NEW FIRE HYDRANT	
EXISTING UNDERGROUND TELEPHONE		NEW WATER VALVE	
EXISTING STREETLIGHT CONDUIT		NEW WATER METER	
ABANDONED UTILITY		NEW ELECTRICAL PULLBOX	
EXISTING DRIVEWAY		NEW TRAFFIC SIGNAL PULLBOX	
EXISTING CURB AND GUTTER		NEW STREETLIGHT	
EXISTING FIRE HYDRANT		NEW STREET SIGN	
EXISTING UTILITY VALVE		NEW DROP INLET	
EXISTING WATER METER		NEW WHEELCHAIR RAMP	
EXISTING ELECTRICAL PULLBOX		NEW ELEVATION	
EXISTING TRAFFIC SIGNAL PULLBOX		DIRECTION OF FLOW OR SLOPE	
EXISTING SEWER MANHOLE		NEW MONUMENT	
EXISTING STORM DRAIN MANHOLE		EDGE OF PAVEMENT	
EXISTING ELECTRICAL MANHOLE		CENTERLINE	
EXISTING TELEPHONE MANHOLE		OFFSET CROWN CENTERLINE	
EXISTING STREETLIGHT		RIGHT-OF-WAY LINE	
EXISTING POWER POLE		INDOT RIGHT-OF-WAY LINE	
EXISTING STREET SIGN		PROPERTY LINE	
EXISTING DROP INLET		SAWCUT LINE	
EXISTING WHEELCHAIR RAMP		STREET ADDRESS	
EXISTING ELEVATION		AREA OF CURB, GUTTER & SIDEWALK REMOVAL	
		AREA OF AC PAVEMENT REMOVAL	

**BASIS OF BEARING**

THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701), DETERMINED BY GIS CONTROL POINTS, 804 AND 808, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE, IN FILE 88 OF SURVEYS, AT PAGE 53.

**BENCHMARK**

BENCHMARK # 23  
RIVET AND SQUARE ALUMINUM PLATE IN CONCRETE MONUMENT, 50 FT. SOUTH AND 40 FT. WEST OF CENTENNIAL PKWY. AND EL CAPITAN WAY



**PROJECT LIMITS**

**APPROVED FOR CONSTRUCTION**

*Approved 12/15/05*  
*7/10/07*  
LAS VEGAS VALLEY WATER DISTRICT PROJECT #10508

**REVISIONS**

NO.	DATE	DESCRIPTION
1	10/15/07	ADD SHEETS L-101 THROUGH L-108 TO INDEX OF DRAWINGS
2	7/9/07	ADD SHEET S013 TO INDEX
3	2/28/07	ADD SHEET W & W

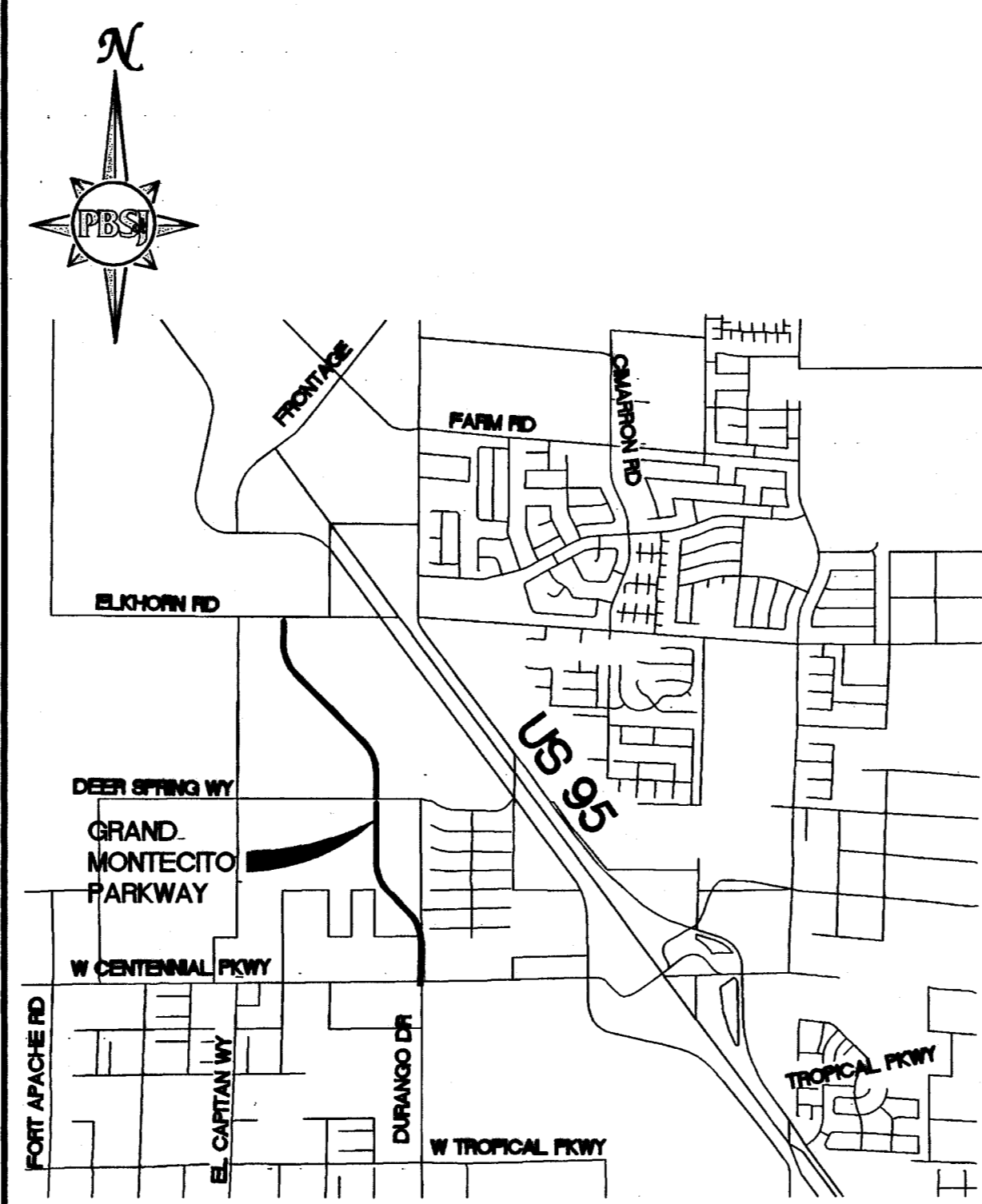
ENGINEERING DESIGN SECTION  
DRAWN BY: J. GREGORY  
CHECKED BY: V. HARRIS  
DATE: 02-27-04

2770 Corporate Circle  
Las Vegas, Nevada 89174  
Telephone: 702/333-7755  
Fax: 702/333-7750

**PBS**  
PROFESSIONAL ENGINEERING FIRM  
KEVIN O'DONNELL  
12.09  
CIVIL  
No. 01701  
7.10.07

**ABBREVIATIONS**

●	AT	FD	FOUND	PM	POINT OF VERTICAL INTERSECTION
AB	ABANDONED UTILITY	FG	FINISHED GRADE	PMT.	PAVEMENT
A.D.	ALGEBRAIC DIFFERENCE	FH	FIRE HYDRANT	RAD.	RADIUS
AC	ASPHALTIC CONCRETE	FL	FLOW LINE	RCP	REINFORCED CONCRETE PIPE
AGG.	AGGREGATE	FOC	FACE OF CURB	RES	RESIDENTIAL
APPROX.	APPROXIMATE	FT.	FOOT/FEET	RET.	RETAINING
ASSY.	ASSEMBLY	FUT.	FUTURE	R-O-W OR R/W	RIGHT OF WAY
BC, BOC.	BACK OF CURB	GB	GRADE BREAK	RT.	RIGHT
BCR	BACK OF CURB RADIUS	GM	GAS METER	RP	RADIUS POINT
BLDG.	BUILDING	GV	GAS VALVE	S	SOUTH/SLOPE
BLK.	BLOCK	HOR.	HORIZONTAL	SD	STORM DRAIN
BM	BENCHMARK	INTX.	INTERSECTION	SF	SQUARE FOOT
BVCS	BEGINNING VERTICAL CURVE STATION	INV.	INVERT	SHT.	SHEET
CATV	CABLE T.V.	K	CURVE COEFFICIENT	SS	SANITARY SEWER
CCASD	CLARK COUNTY AREA STANDARD DRAWING	LF	LINEAR FEET	ST.	STREET
CLV	CITY OF LAS VEGAS	L.O.C.	LENGTH OF CURVE	STA.	STATION
COMM.	COMMERCIAL	LT.	LEFT	STD.	STANDARD
CONC., PCC	CONCRETE	LOC	LENGTH OF CURVE	SY	SQUARE YARD
CONST.	CONSTRUCTION	L.V.W.D.	LAS VEGAS VALLEY WATER DISTRICT	S/W	SIDEWALK
CNDT	CONDUIT	MAX.	MAXIMUM	TC	TOP OF CURB
C & G	CURB & GUTTER	MH	MANHOLE	TEMP.	TEMPORARY
?	CENTERLINE	MIN.	MINIMUM	TMH	TOP OF MANHOLE
DET.	DETAIL	MTL.	MATERIAL	TRANS.	TRANSITION
DI	DROP INLET	N.	NORTH	TYP.	TYPICAL
DIA.	DIAMETER	NAP	NOT A PART	UDACS	UNIFORM DESIGN AND CONSTRUCTION STD. FOR WATER DISTRIBUTION SYSTEMS
D/W	DRIVEWAY	NC	NOT IN CONTRACT	UN	UNLESS OTHERWISE NOTED
DWG.	DRAWING	NTS	NOT TO SCALE	USD	UNIFORM STANDARD DRAWING
E.	EAST	OG	ORIGINAL GROUND	VC	VERTICAL CURVE
EA.	EACH	OV ELEC	OVERHEAD ELECTRIC	VG	VALLEY GUTTER
EG	EX. GROUND OR EDGE OF GUTTER	PB	PULL BOX	W	WEST/WATER
ELEC	UNDERGROUND POWER	PC	POINT OF CURVE	PI	POINT OF INTERSECTION
ELEV.	ELEVATION	PL OR PL	PROPERTY LINE	WPJ	WEAKENED PLANE JOINT
EP, EOP.	EDGE OF PAVEMENT	POC	POINT OF CONNECTION	WPV	WATER VALVE
EVCE	END VERTICAL CURVE ELEVATION	PP	POWER POLE	W/	WITH
EVCS	END VERTICAL CURVE STATION	PT	POINT OF TANGENCY		
EXIST., EX	EXISTING				
EXP. JT.	EXPANSION JOINT				



**VICINITY MAP**

Avoid cutting underground utility lines. It's costly.

**Call before you Dig**  
1-800-227-2600  
Nevada Power Environment and Safety Services Department

Avoid cutting underground utility lines. It's costly.

**Call before you Overhead**  
1-702-593-6111  
Nevada Power Environment and Safety Services Department

**INDEX OF DRAWINGS**

DRAWING	DESCRIPTION	PHASE	DRAWING	DESCRIPTION	PHASE	DRAWING	DESCRIPTION	PHASE
CG1	COVER SHEET	I, II, III	S01	GRAND MONTECITO PARKWAY STORM DRAIN PLAN AND PROFILE STA 103+50.00 TO STA 111+50.00	I	SS10	GRAND MONTECITO PARKWAY SANITARY SEWER LATERALS PLAN AND PROFILE STA 105+20.84 TO STA 129+75.00	I, II
CG2	DRAWING INDEX, LEGEND, ABBREVIATIONS, VICINITY AND LOCATION MAPS	I, II, III	S02	GRAND MONTECITO PARKWAY STORM DRAIN PLAN AND PROFILE STA 111+50.00 TO STA 119+00.00	I	SS11	GRAND MONTECITO PARKWAY SANITARY SEWER LATERALS PLAN AND PROFILE STA 131+22.56 TO STA 153+20.00	II, III
CG3	GENERAL NOTES	I, II, III	S03	GRAND MONTECITO PARKWAY STORM DRAIN PLAN AND PROFILE STA 119+00.00 TO STA 126+50.00	I	SS12	SANITARY SEWER DETAILS	I, II, III
CG4	TYPICAL STREET SECTIONS	I, II, III	S04	GRAND MONTECITO PARKWAY STORM DRAIN PLAN AND PROFILE STA 126+50.00 TO STA 128+77.00	I	W1	GRAND MONTECITO PARKWAY 12" C900 PVC WATERLINE PLAN AND PROFILE STA 105+06.85 TO STA 107+50.00	I
D1	DEMOLITION PLAN	I	S05	GRAND MONTECITO PARKWAY STORM DRAIN PLAN AND PROFILE STA 142+00.00 TO STA 146+50.00	II, III	W2	GRAND MONTECITO PARKWAY 12" C900 PVC WATERLINE PLAN AND PROFILE STA 107+50.00 TO STA 114+00.00	I
SV1	SURVEY CONTROL FOR RIGHT-OF-WAY AND CENTERLINE GRAND MONTECITO PKWY CENTENNIAL PKWY TO STA 117+00.00	I	S06	GRAND MONTECITO PARKWAY STORM DRAIN PLAN AND PROFILE STA 146+50.00 TO STA 149+75.00	II, III	W3	GRAND MONTECITO PARKWAY 12" C900 PVC WATERLINE PLAN AND PROFILE STA 114+00.00 TO STA 121+50.00	I
SV2	SURVEY CONTROL FOR RIGHT-OF-WAY AND CENTERLINE GRAND MONTECITO PKWY STA 117+00.00 TO STA 131+00.00	I, III	S07	4'x10' STORM DRAIN RCB PLAN AND PROFILE WITH INLET AND OUTLET SWALE GRADING "RCB" STA 8+00.00 TO "RCB" STA 11+00.00	II	W4	GRAND MONTECITO PARKWAY 12" C900 PVC WATERLINE PLAN AND PROFILE STA 121+50.00 TO STA 128+00.00	II, III
SV3	SURVEY CONTROL FOR RIGHT-OF-WAY AND CENTERLINE GRAND MONTECITO PKWY STA 131+00.00 TO STA 144+50.00	II, III	S08	4'x10' STORM DRAIN RCB PLAN AND PROFILE WITH INLET AND OUTLET SWALE GRADING "RCB" STA 11+00.00 TO "RCB" STA 20+00.00	III	W5	GRAND MONTECITO PARKWAY 12" C900 PVC WATERLINE PLAN AND PROFILE STA 129+00.00 TO STA 134+80.00	III
SV4	SURVEY CONTROL FOR RIGHT-OF-WAY AND CENTERLINE GRAND MONTECITO PKWY STA 144+50.00 TO STA 156+47.19	II	S09	GRAND MONTECITO PARKWAY STORM DRAIN LATERALS PLAN AND PROFILE STA 104+73.79 TO STA 118+86.02	I, II, III	W6	GRAND MONTECITO PARKWAY 12" C900 PVC WATERLINE PLAN AND PROFILE STA 149+50.00 TO STA 154+00.00	II, III
H1	HORIZONTAL CONTROL FOR MEDIAN ISLAND, TOP OF CURB EAST AND WEST STA 117+00.00 TO STA 131+00.00	I	S10	GRAND MONTECITO PARKWAY STORM DRAIN LATERALS PLAN AND PROFILE STA 121+25.00 TO STA 149+75.00	I, II, III	W7	GRAND MONTECITO PARKWAY 12" C900 PVC WATERLINE PLAN AND PROFILE STA 149+50.00 TO STA 154+00.00	II, III
H2	HORIZONTAL CONTROL FOR MEDIAN ISLAND, TOP OF CURB EAST AND WEST STA 131+00.00 TO STA 144+50.00	I, III	S11	STORM DRAIN DETAILS	I, II, III	W8	GRAND MONTECITO PARKWAY 12" C900 PVC WATERLINE PLAN AND PROFILE STA 154+00.00 TO STA 158+31.78	II, III
H3	HORIZONTAL CONTROL FOR MEDIAN ISLAND, TOP OF CURB EAST AND WEST STA 144+50.00 TO STA 156+47.19	II, III	S12	STORM DRAIN DETAILS	I, II, III	W9	GRAND MONTECITO PARKWAY 12" C900 PVC WATERLINE PLAN AND PROFILE STA 158+31.78 TO STA 158+31.78	II, III
H4	HORIZONTAL CONTROL FOR MEDIAN ISLAND, TOP OF CURB EAST AND WEST STA 156+47.19 TO STA 156+47.19	II	S13	MODIFIED TYPE "CM2" DROP INLET	I, II, III	W10	12" C900 PVC WATERLINE DETAILS	I, II, III
C1	GRAND MONTECITO PKWY PLAN AND PROFILE STA 101+50.00 TO STA 108+50.00	I	S51	GRAND MONTECITO PARKWAY SANITARY SEWER PLAN AND PROFILE STA 99+00.00 TO STA 106+50.00	I	T1	STRIPING, SIGNING AND LIGHTING PLAN STA 100+00.00 TO STA 114+50.00	I, II
C2	GRAND MONTECITO PKWY PLAN AND PROFILE STA 108+50.00 TO STA 115+00.00	I	S52	GRAND MONTECITO PARKWAY SANITARY SEWER PLAN AND PROFILE STA 106+50.00 TO STA 114+00.00	I	T2	STRIPING, SIGNING AND LIGHTING PLAN STA 114+50.00 TO STA 129+50.00	I, II
C3	GRAND MONTECITO PKWY PLAN AND PROFILE STA 115+00.00 TO STA 122+00.00	I	S53	GRAND MONTECITO PARKWAY SANITARY SEWER PLAN AND PROFILE STA 114+00.00 TO STA 121+50.00	I	T3	STRIPING, SIGNING AND LIGHTING PLAN STA 129+50.00 TO STA 143+50.00	II, III
C4	GRAND MONTECITO PKWY PLAN AND PROFILE STA 122+00.00 TO STA 129+50.00	I, III	S54	GRAND MONTECITO PARKWAY SANITARY SEWER PLAN AND PROFILE STA 121+50.00 TO STA 129+00.00	I, II, III	T4	STRIPING, SIGNING AND LIGHTING PLAN STA 143+50.00 TO STA 157+50.00	II
C5	GRAND MONTECITO PKWY PLAN AND PROFILE STA 129+50.00 TO STA 136+50.00	III	S55	GRAND MONTECITO PARKWAY SANITARY SEWER PLAN AND PROFILE STA 129+00.00 TO STA 134+50.00	III	T5	STRIPING, SIGNING AND LIGHTING DETAILS	I, II, III
C6	GRAND MONTECITO PKWY PLAN AND PROFILE STA 136+50.00 TO STA 143+50.00	III	S56	GRAND MONTECITO PARKWAY SANITARY SEWER PLAN AND PROFILE STA 134+50.00 TO STA 142+00.00	III	L-101	LANDSCAPE PLAN - PLANTING PLAN	
C7	GRAND MONTECITO PKWY PLAN AND PROFILE STA 143+50.00 TO STA 150+50.00	III	S57	GRAND MONTECITO PARKWAY SANITARY SEWER PLAN AND PROFILE STA 142+00.00 TO STA 149+50.00	III, II	L-102	LANDSCAPE PLAN - PLANTING PLAN	
C8	GRAND MONTECITO PKWY PLAN AND PROFILE STA 150+50.00 TO STA 156+56.19	II	S58	GRAND MONTECITO PARKWAY SANITARY SEWER PLAN AND PROFILE STA 149+50.00 TO STA 155+50.00	II	L-103	LANDSCAPE PLAN - PLANTING PLAN	
C9	MISCELLANEOUS CIVIL DETAILS	I, II, III	S59	GRAND MONTECITO PARKWAY SANITARY SEWER PLAN AND PROFILE STA 155+50.00 TO STA 158+31.69	II	L-104	LANDSCAPE PLAN - PLANTING DETAILS	
						L-105	LANDSCAPE PLAN - IRRIGATION PLAN	
						L-106	LANDSCAPE PLAN - IRRIGATION PLAN	
						L-107	LANDSCAPE PLAN - IRRIGATION PLAN	
						L-108	LANDSCAPE PLAN - IRRIGATION DETAILS	

Department of Public Works

**GRAND MONTECITO PARKWAY IMPROVEMENTS, DRAWING INDEX, LEGEND, ABBREVIATIONS, VICINITY MAP, LOCATION MAP**

**CITY OF LAS VEGAS**  
NEVADA

DRAWING No. 2  
CG2  
PLAN# 107V370 61