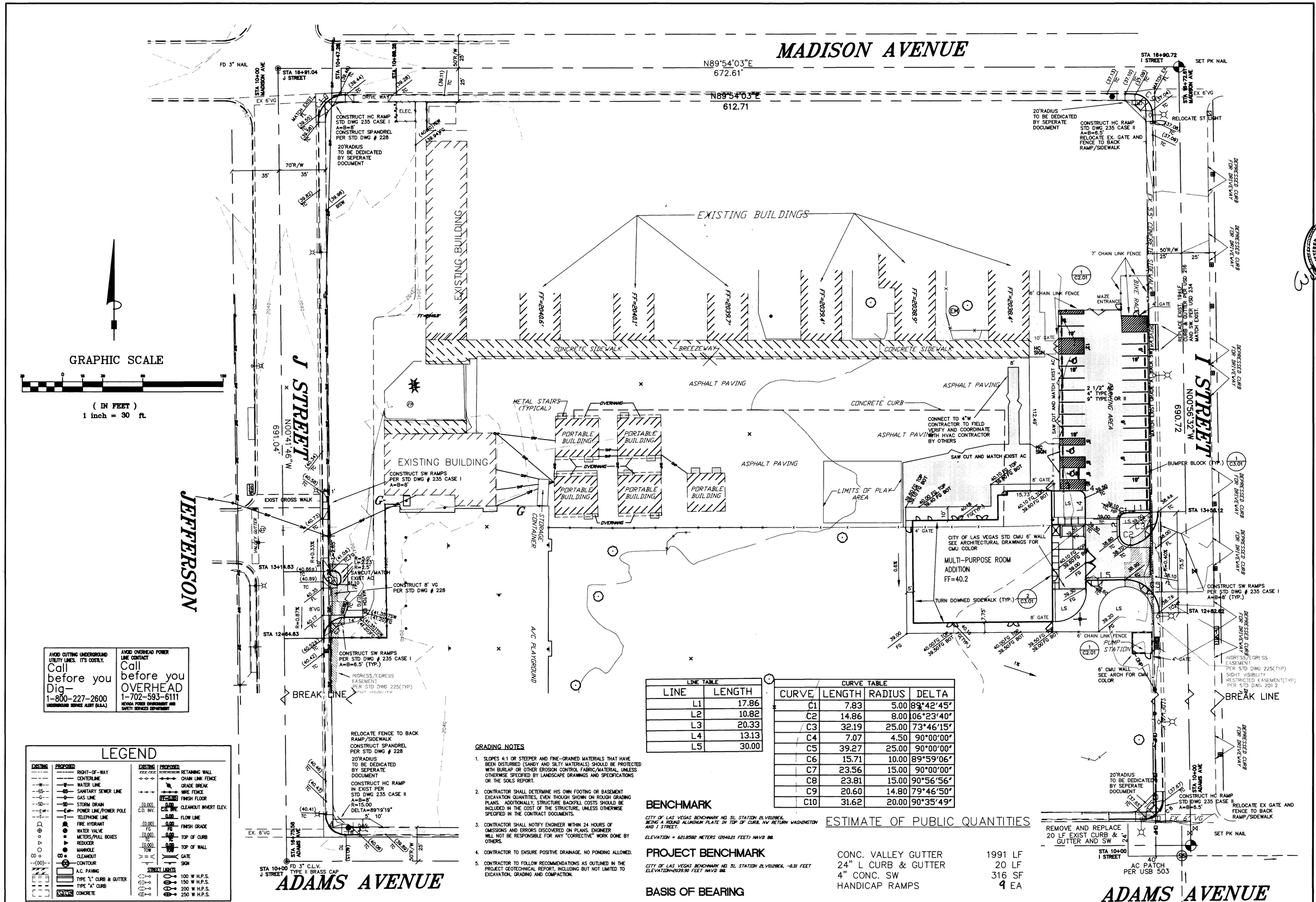

LINE TABLE	
LINE	LENGTH
L1	17.86
L2	10.82
L3	20.33
L4	13.13
L5	30.00

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	7.83	5.00	89°42'45"
C2	14.86	8.00	106°23'40"
C3	32.19	25.00	73°46'15"
C4	7.07	4.50	90°00'00"
C5	39.27	25.00	90°00'00"
C6	15.71	10.00	89°59'06"
C7	23.56	15.00	90°00'00"
C8	23.81	15.00	90°56'56"
C9	20.60	14.80	79°46'50"
C10	31.62	20.00	90°35'49"

GRADING NOTES

1. SLOPES 4:1 OR STEEPER AND FINE-GRAINED MATERIALS THAT HAVE BEEN DISTURBED (SANDY AND SILTY MATERIALS) SHOULD BE PROTECTED WITH BURLAP OR OTHER EROSION CONTROL FABRIC/MATERIAL, UNLESS OTHERWISE SPECIFIED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS OR THE SOILS REPORT.
2. CONTRACTOR SHALL DETERMINE HIS OWN FOOTING OR BASEMENT EXCAVATION QUANTITIES, EVEN THOUGH SHOWN ON ROUGH GRADING PLANS. ADDITIONALLY, STRUCTURE BACKFILL COSTS SHOULD BE INCLUDED IN THE COST OF THE STRUCTURE, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL NOTIFY ENGINEER WITHIN 24 HOURS OF OMISSIONS AND ERRORS DISCOVERED ON PLANS. ENGINEER WILL NOT BE RESPONSIBLE FOR ANY "CORRECTIVE" WORK DONE BY OTHERS.
4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE. NO PONDING ALLOWED.
5. CONTRACTOR TO FOLLOW RECOMMENDATIONS AS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT, INCLUDING BUT NOT LIMITED TO EXCAVATION, GRADING AND COMPACTION.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK NO. 51, STATION 2LV012BE6, BEING A ROUND ALUMINUM PLATE IN TOP OF CURB, NW RETURN WASHINGTON AND I STREET.

ELEVATION = 621.8582 METERS (2040.21 FEET) NAVD 88.

PROJECT BENCHMARK

CITY OF LAS VEGAS BENCHMARK NO. 51, STATION 2LV012BE6, -0.31 FEET ELEVATION=2039.90 FEET NAVD 88.

BASIS OF BEARING

BEING THE CENTER LINE OF J STREET BEARING NORTH 00°41'46" WEST AS SHOWN ON THE B. M. JONES SUBDIVISION, RECORDED IN BOOK 3, PAGE 93, OF PLATS, CLARK COUNTY RECORDERS OFFICE, CLARK COUNTY, NEVADA.

ESTIMATE OF PUBLIC QUANTITIES

CONC. VALLEY GUTTER	1991 LF
24" L CURB & GUTTER	20 LF
4" CONC. SW	316 SF
HANDICAP RAMPS	9 EA

RECOMMENDED	9/4/98
DATE	

ERNEST FREGGIARO, P.E.
PROFESSIONAL ENGINEER
4588 Goodman Circle
Las Vegas, Nevada 89119
(702) 883-3368 FAX: 385-3759

MATT KELLY E.S. / MADISON E.S.
CCSD No.0790, 0850

MADISON GRADING PLAN

SHEET C3.02

SHT 5 OF 6

715-107

13813

MADISON AVENUE

EXISTING BUILDINGS

EXISTING BUILDING

EXISTING BUILDING

GRAPHIC SCALE

MADISON STREET

ADAMS AVENUE

ADAMS AVENUE

BREAK LINE

LINE	LENGTH
L1	[illegible]
L2	[illegible]
L3	[illegible]
L4	[illegible]
L5	[illegible]

CURVE	LENGTH	RADIUS	DELTA
C1	7.63	[illegible]	[illegible]
C2	[illegible]	[illegible]	[illegible]
C3	[illegible]	[illegible]	[illegible]
C4	7.63	[illegible]	[illegible]
C5	[illegible]	[illegible]	[illegible]
C6	[illegible]	[illegible]	[illegible]
C7	[illegible]	[illegible]	[illegible]
C8	[illegible]	[illegible]	[illegible]
C9	[illegible]	[illegible]	[illegible]
C10	[illegible]	[illegible]	[illegible]
C11	[illegible]	[illegible]	[illegible]

LEGEND

BENCHMARK

PROJECT BENCHMARK

BASIS OF BEARING

ESTIMATE OF PUBLIC QUANTITIES

CONC. VALLEY GUTTER	1981 LF
24" L CURB & GUTTER	20 LF
4" CONC. SW	316 SF
HANDICAP RAMPS	4 EA

ERNEST FREGGIARO, P.E.

MATT KELLY E.B. / MADISON E.B.
CCSD No.0790, 0850

MADISON GRADING PLAN

SHEET
C3.02