

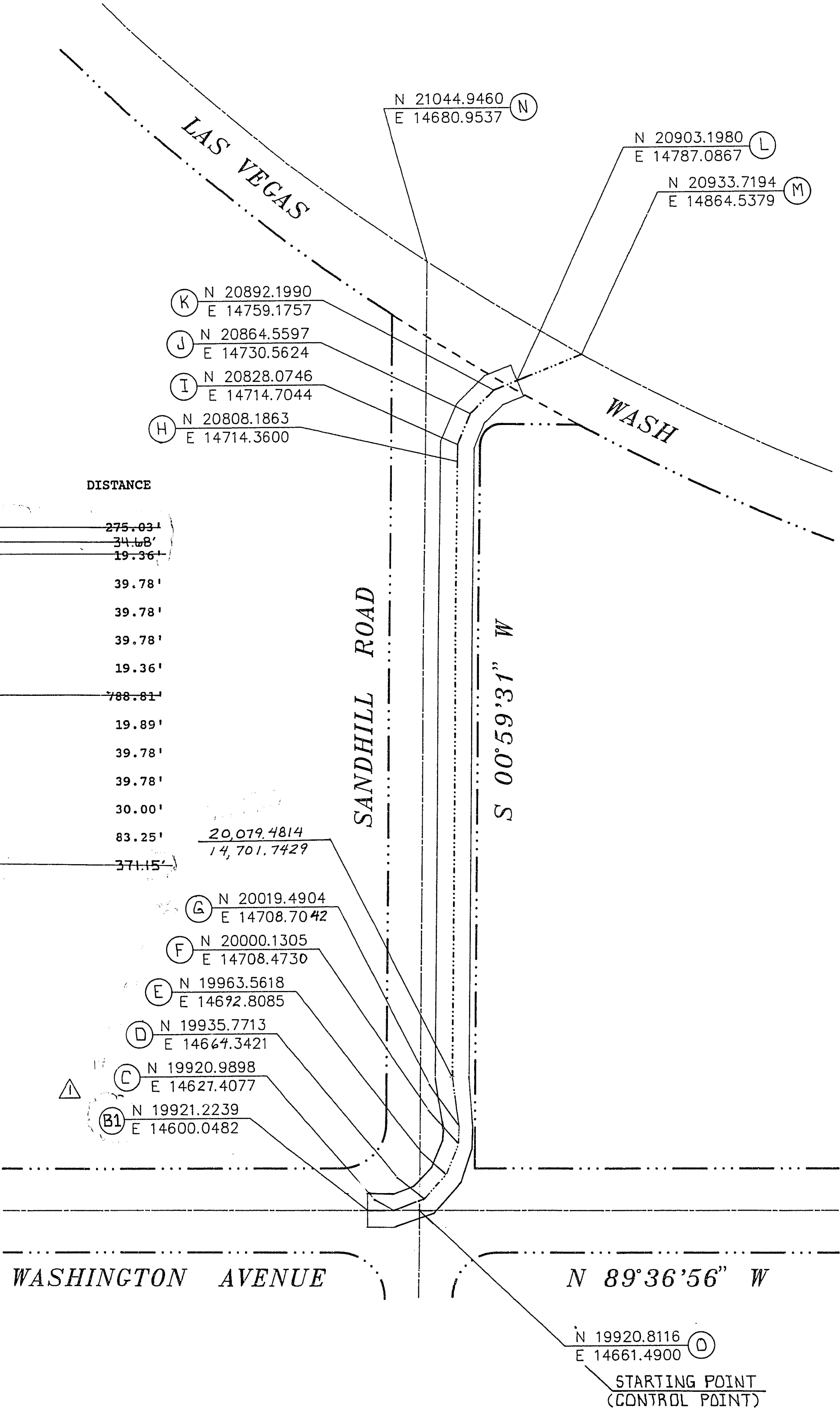
BASIS OF BEARING

NORTH 89° 36' 56" WEST ALONG THE CENTERLINE OF WASHINGTON AVENUE BETWEEN THE CENTERLINES OF LAMB BOULEVARD AND PECOS ROAD ROTATED RIGHT 0° 02' 14" FROM THAT BEARING AS SHOWN ON FILE 35 OF PARCEL MAPS, PAGE 73 (N 89° 39' 10" W), AS RECORDED IN THE RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK # 06125A14 LOCATED ON THE WEST CURB RETURN ON THE SOUTHWEST CORNER OF PECOS ROAD AND OSAGE AVENUE. ELEVATION = 1807.177

SECTION	BEARING	DISTANCE
A-B2	S89°36'56"E	275.03'
B2-B1	S01°36'56"E	34.68'
B1-C	S89°18'26"E	19.36'
C-D	N68°11'18"E	39.78'
D-E	N45°41'18"E	39.78'
E-F	N23°11'18"E	39.78'
F-G	N00°41'03"E	19.36'
G-H	N00°59'31"E	788.81'
H-I	N00°59'31"E	19.89'
I-J	N23°29'31"E	39.78'
J-K	N45°59'31"E	39.78'
K-L	N68°29'31"E	30.00'
L-M	N68°29'31"E	83.25'
M-A	S89°36'56"E	371.15'



PROJECT GEOMETRICS

ESTIMATE OF QUANTITIES

ITEM No.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	LS	1
200.01	MOBILIZATION	LS	1
201.01	CLEARING AND GRUBBING	LS	1
202.01	REMOVE ISLAND CURB	LF	1180
202.02	REMOVE SEWER PIPE (8")	LF	30
202.03	REMOVE SEWER PIPE (10")	LF	65
202.04	REMOVE SEWER PIPE (42")	LF	150
202.05	REMOVE VALLEY GUTTER	SF	400
202.06	REMOVE SLOPE PAVING	SF	7030
202.07	REMOVE MANHOLE	EA	3
203.01	ROADWAY EXCAVATION	CY	2270
203.02	CHANNEL EXCAVATION	CY	3100
302.01	TYPE II AGGREGATE BASE	CY	1780
402.01	PLANTMIX BITUMINOUS SURFACE	TON	922
405.01	TACK COAT	TON	1.6
406.01	PRIME COAT	TON	3.8
407.01	SEAL COAT	TON	1.6
502.01	INLET STRUCTURE	LS	1
502.02	OUTLET STRUCTURE	LS	1
502.03	REINFORCED CONCRETE BOX CULVERT (TRIPLE 12' x 8')	LF	1111
603.01	24" REINFORCED CONCRETE PIPE (CLASS IV)	LF	58
609.01	6' TYPE "B" DROP INLET	EA	1
610.01	RENO MATTRESS	CY	220
610.02	HEAVY RIPRAP	CY	120
613.01	"L" TYPE ISLAND CURB & GUTTER	LF	470
613.02	SPECIAL CURB	LF	550
613.03	CONCRETE MEDIAN ISLAND	SF	3640
616.01	6' CHAIN LINK FENCE	LF	152
616.02	SECURITY GATES (DOUBLE SWING)	EA	6
618.01	GALVANIZED GUARDRAIL	LF	570
618.02	BREAKAWAY CABLE TERMINAL	EA	1
628.01	PAINTING TRAFFIC STRIPING AND MARKINGS	LS	1
629.01	CONCRETE ENCASEMENT	EA	1
629.02	RELOCATE WATER MAIN (10")	LS	1
630.01	RELOCATE 10" SEWER	LS	1
630.02	RELOCATE 42" SEWER	LS	1

RECORD DRAWING

These Record Drawings have been prepared based on information provided by others. The Engineer has not verified the accuracy of such information and shall not be responsible for any errors or omissions which may be incorporated herein as a result.

Call before you Dig.

1-800-227-2600

REVISIONS

No.	Date	BY	REVISED	COORDINATES
1	12/12/91	WJA		

DESIGNED: C.K.

DRAWN: C.K.

CHECKED: L.H.G.

JOB NO. 843-90

SCALE: HORIZ. NONE VERT. NONE

1055 EAST TROPICANA
SUITE 100, LAS VEGAS, NEVADA 89119
(702) 998-1007

VEA
CONSULTING ENGINEERS

PROJECT: CITY OF LAS VEGAS
WASHINGTON AVENUE CONVEYANCE SYSTEM

DESCRIPTION: PROJECT GEOMETRICS
and ESTIMATE OF QUANTITIES

SHEET

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