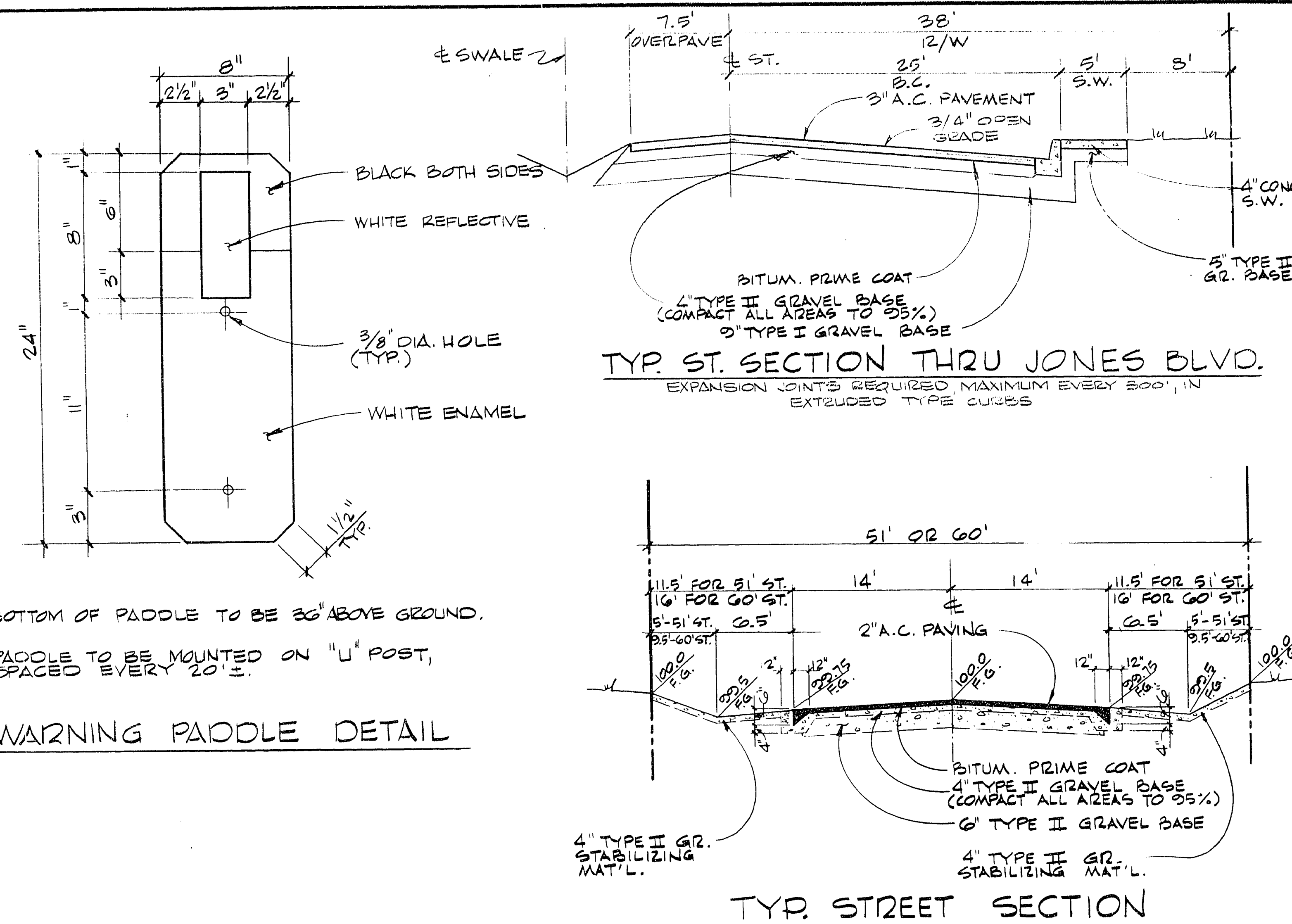


1. Contractor shall provide all necessary horizontal and vertical transition between new construction and existing surfaces to provide for proper drainage and of ingress and egress to said construction, extent of transitions to be determined by City Engineer.
2. Existing utilities are located on plans for the convenience of the Contractor only, the Contractor shall bear full responsibility for the protection of utilities and the Engineer bears no responsibility for utilities not shown on plans or not in the location shown on the plans.
3. Construction to be per Uniform Standard Specifications and Drawings; City of Las Vegas, Nevada, 1978th edition.
4. Construction Survey:
Grades are given from top of stakes or nails. The Contractors are cautioned to observe the following rule in using the grade stakes given by this office for putting in curbs or sewers. Three consecutive points that are shown to be on the same rate of slope must be used in common in order that any variation out of a perfect straight grade may be detected, and in case any such discrepancy is found, the same must be reported, otherwise this office will not be responsible for any error in the grade of the finish work.
5. Use Type V cement in all offsite concrete work.
6. Chisel S.W. & G. where these lines pass under the curb.
7. Housing services shall comply with the western plumbing code as to separation distance.
8. All houses to be served individually as per Section 313 of the Uniform Plumbing Code.
9. Concrete collars required around water valves and manhole covers at surface of paved areas

STREET LIGHTING SPECIFICATIONS
240 VOLT SINGLE PHASE TWO WIRE SYSTEM

1. Street Lighting standards shall be as shown by Drawing No. 400.1, page 40 of Uniform Standard Drawings and must conform to Sections 400 and 405 and any other applicable sections of the Uniform Standard Specifications.
2. On 80' R/W Streets there shall be 2 poles on diagonal corners.
3. On 100' R/W Streets there shall be one pole at each corner.
4. High Pressure Sodium Luminaires to be used on 51' R/W and 60' R/W Streets shall be 100 watt, 240 volt I.E.S. distribution type 3, with integral constant wattage ballasts, similar to General Electric type M250A catalogue #C728G584 or approved equal.
5. High Pressure Sodium Luminaires to be used on 80' R/W streets and over, shall be 250 Watt 240 Volt, I.E.S. distribution type 3 with integral constant wattage ballast similar to General Electric type M-400A, Catalog #C724G804 or approved equal.
6. 100 Watt High Pressure Sodium Lamps shall be Sylvania LU100 or approved equal.
7. 250 Watt High Pressure Sodium Lamps shall be Sylvania LU250 or approved equal.
8. Photo Cell and Control to be 120 Volts. Fisher-Pierce 6660 or approved equal.
9. Spacing of Standards shall be 180 feet maximum on 51' R/W and 60' R/W streets on one side and staggered.
10. Spacing of standards shall be 180 feet maximum on 80' R/W streets on each side and staggered.
11. Spacing of standards on 100' R/W streets or more shall be 120 feet maximum on each side and staggered.
12. All standards to be set 18" back of curb.
13. Sch. 40 Rigid Non-Metallic Conduit (PVC) or approved equal complying with Article 347 of the National Electrical Code may be used for underground applications and to be within 12" back of curb and 24" cover.
14. Fuse Holders and Connectors shall be installed in the bases of all lighting standards, the fuse holders shall be Buss-Tron-Hex-AA, with rubber boots.
15. Base covers for lighting standards are not to be installed before breakout caps are placed and inspected. All materials used in underground wiring, in breakout caps and under base covers to be inspected before installation.
16. Foundations shall be constructed and located to line and grade as directed by the field engineer.
17. Lighting Standard and Mast Arm Cable to luminaire shall be 10/2 U.F. Type 600 Volt copper cable.
18. The Contractor shall be responsible for avoiding damage to property, either public or private and in the event of such damage, shall make satisfactory repairs at his own expense.
19. The Contractor shall furnish complete service to transformers and control systems, if required.
20. The Service Point standard is to be installed at the approved location shown on plans and to conform to drawing #401.1 page 44 of the Uniform Standard Drawings.
21. In the selection of 100 and 250 Watt High Pressure Sodium Luminaires to be used in a particular development one approved manufacturer shall be specified.
22. These specifications to become effective on all City of Las Vegas Multiple Street Lighting Designs approved on or after June 1, 1977.
23. These specifications shall be superseded by any revised specifications in existence at the time of installation.

C.L.V. BM. NO. 06024 B₂ BOLT & PLATE
TOP OF CURB @ SW CORNER OF MICHAEL
WAY & SMOKE RANCH ROAD.
ELEV. 2226.51

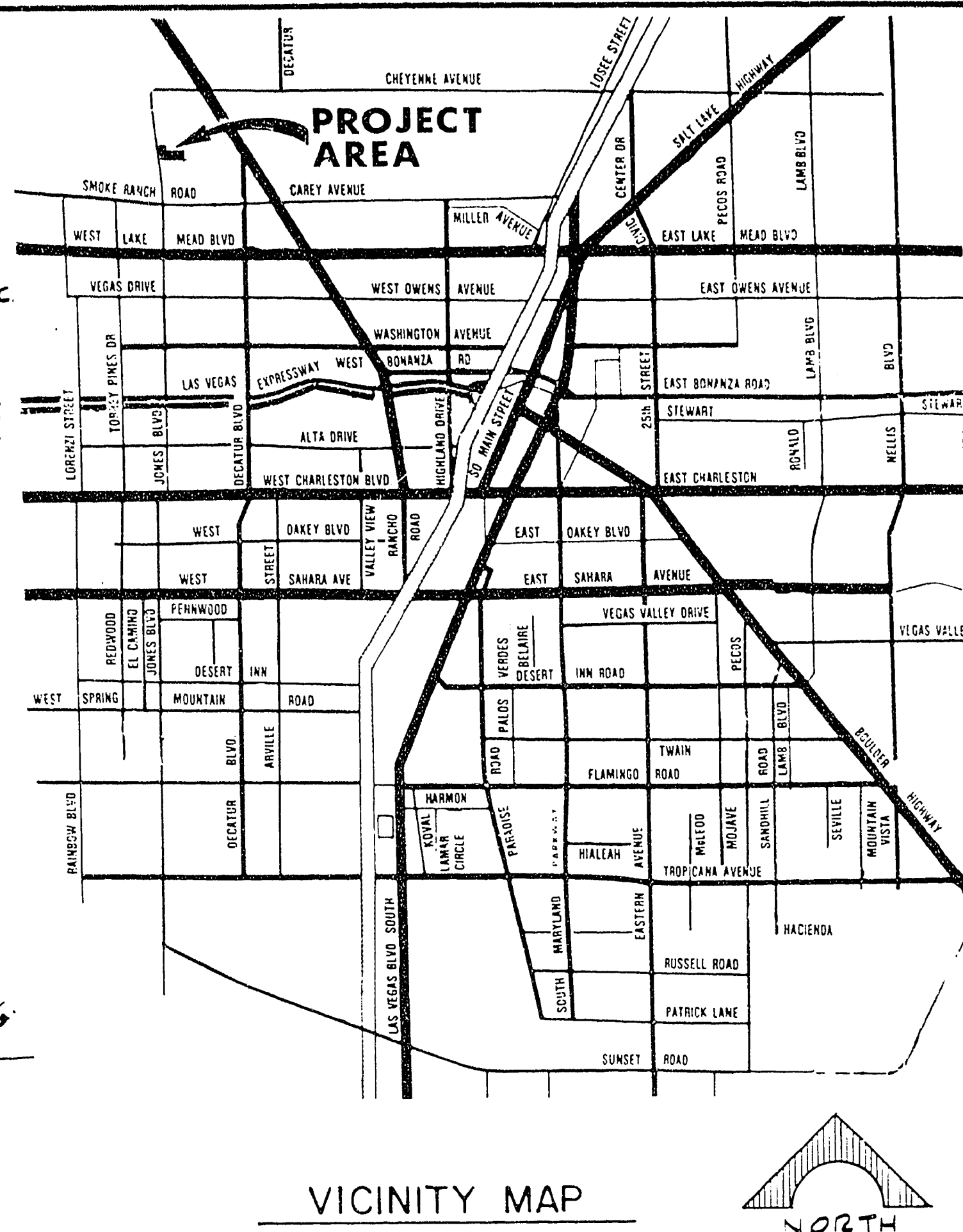


ESTIMATE OF QUANTITIES

NO.	ITEM	UNIT	TOTAL	5	6	7	8	9	10
STREET IMPROVEMENTS									
1	3" A.C. Pavement w/4" Type II & 9" Type I Gravel Base	S.Y.	3,031					984	2,047
2	2" A.C. Pavement w/4" Type II & 6" type I Gravel Base	S.Y.	6,262		2,736	999	2,261	127	139
3	4" Type II Gravel Stabilizing Mat	S.Y.	5,023		2,145	820	2,018	20	20
4	L Type Curb & Gutter	L.F.	1,237					651	586
5	4" conc. sidewalk	S.F.	4,829					2,457	2,372
6	8" Valley Gutter	S.F.	1,234					617	617
7	CONC. DRIVEWAY *	S.F.	1,170					650	520
WATER									
8	STD. F.H. w/6" G.V. & 6" ACP Lat.	EA	1	1					
9	STD. F.H. Only	EA	4	4					
10	6" A.C.P.	L.F.	208	208					
11	6" Gate Valve	EA	1	1					
12	Meter Box	EA	37	37					
13	3/4" Service	EA	43	43					
14	8" ACP	L.F.	30						30
15	2" SLOW OFF	EA	1	1					
16	8" V.C.P.	L.F.	2,771			905	351	718	494
17	4" V.C.P. Lateral	L.F.	1,030	1,030					303
18	Standard Manhole	EA	10		4	1	2	2	1
STREET LIGHTING									
19	HPS 250w Lum. w/11 GA. Pole	EA	7	7					
20	HPS 100w Lum. w/11 GA. Pole	EA	13	13					
21	1"4" P.V.C.	L.F.	3,485	3,485					
MISCELLANEOUS									
22	REMOVE EXIST. CURB & GUTTER	L.F.						160	
23	2" Temporary A.C.	S.Y.	551					395	156
24	Remove existing A.C.	S.Y.	4,163					2,275	1,888
25	Remove & relocate existing power pole	EA	1						1
26	Street & Stop Signs	EA	2	2					
27	Warning Paddles	EA	7					7	
28	Fill (including 25% Shrinkage)	C.Y.	30,625						
29	ALLEY GUTTER	S.F.	130					130	

* APPROX. DRIVEWAY QUANTITY; FINAL DRIVEWAY QUANTITY TO BE DETERMINED FROM THE MODEL SCHEDULE ON THE PLOT PLAN.

NOTE: QUANTITIES FOR JONES BLVD. ARE INCLUDED



INDEX OF DRAWINGS

NO	TITLE
1	COVER SHEET
2	PLAT MAP
3	PLAT MAP
4	GEN. NOTES, LEGEND, LIST OF DWGS., & QUANTITIES
5	UTILITY PLAN
6	PASEO MONTANA & CANTERA WAY
7	AVENIDA BILLA & AVENIDA CABALLO
8	AVENIDA CABALLO
9	JONES BLVD.
10	JONES BLVD.

APPROVALS

CITY ENGINEER

CITY FIELD ENGINEER

CITY QUALITY CONTROL ENGINEER

LEONARDO V. DELUNA R.P.E.#3794

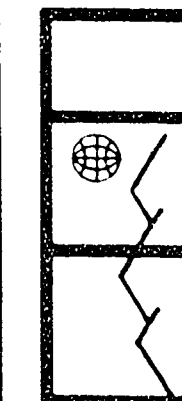
DATE _____

DESCRIPTION	QUANT.
ADDED ALLEY GUTTY	

REV	DATE
1	3/20/75

3774 7/5/78
85 NO DATE

RECOMMENDED: *[Signature]*



G. C. WALLACE
Consulting Engineers, Inc.

100 East Sahara Ave. • Las Vegas, Nevada 89104 • 732-3330

BECKER & SONS
TRACT NO E3-2

GENERAL NOTES, LEGEND, LIST OF DWGS.,
QUANTITIES & MISCELLANEOUS

SHEET

4
OF 10 SHEETS