

GENERAL NOTES

- 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 THE CITY ENGINEER.
- EXISTING UTILITIES ARE LOCATED ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF THE UTILITIES AND THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS.
- CONSTRUCTION TO BE PER "UNIFORM STANDARD SPECIFICATIONS AND DRAWINGS"; THE CITY OF LAS VEGAS, NEVADA. (LATEST EDITION)
- CONSTRUCTION SURVEY:
GRADES ARE GIVEN FROM TOP OF STAKES OR NAILS. THE CONTRACTORS ARE CAUTIONED TO OBSERVE THE FOLLOWING RULES IN USING THE GRADE STAKES GIVEN BY THIS OFFICE. THREE (3) 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 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 FINISHED WORK.
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED AT ALL STREET INTERSECTIONS PER STANDARD DRAWING D22A. EXACT LOCATION OF RAMPS TO BE DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS INSPECTOR.
- STANDARD STREET SECTIONS PER STANDARD DRAWINGS UNLESS OTHERWISE NOTED.
- CURB AND GUTTER WITH A GRADE OF FOUR TENTHS OF ONE PERCENT OR LESS SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
- EXACT LOCATIONS OF ALL SAWCUTS TO BE DETERMINED BY A CITY OF LAS VEGAS INSPECTOR IN THE FIELD.
- USE TYPE "V" CONCRETE IN ALL OFF-SITE CONCRETE WORK.
- CHISEL "S" AND "G" WHERE THESE LINES PASS UNDER THE CURB.

SEWER NOTES

- HOUSING SERVICES SHALL COMPLY WITH THE WESTERN PLUMBING CODE AS TO SEPARATION DISTANCE.
- ALL HOUSES TO BE SERVED INDIVIDUALLY AS PER SECTION 313 OF THE UNIFORM PLUMBING CODE.
- CONCRETE COLLARS REQUIRED AROUND WATER VALVES AND MANHOLE COVERS AT SURFACE OF PAVED AREAS ON MAJOR STREETS, ASPHALT COLLARS ON MINOR STREETS.

STREET LIGHTING NOTES

ALL STREET LIGHTING INSTALLATIONS SHALL CONFORM TO THE LATEST ISSUE OF THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS, AND SHALL ALSO CONFORM TO THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS", CLARK COUNTY, NEVADA AREA, UNLESS OTHERWISE NOTED.

STREET NOTES

- A.C. PAVEMENT TO BE 1/2" ABOVE LIP OF GUTTER AFTER COMPACTION.
- SUBGRADE FOR TYPE 1 UNDER CURB AND GUTTER AND UNDER A.C. TO BE CONTINUOUS.
- FOG SEAL TO BE APPLIED AFTER FINAL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.
- THE MAXIMUM GRADE BREAK OCCURRING IN THE CROSS SECTION SHALL BE 2% AND SHALL FALL BETWEEN DRIVING LANES OR BETWEEN A DRIVING LANE AND A PARKING LANE.
- IN PLACE NATIVE MATERIAL (NON-CEMENTED) MAY BE SUBSTITUTED FOR TYPE 1 AGGREGATE BASE PROVIDED THE FOLLOWING CONDITION IS MET: ALL OTHER REQUIREMENTS ARE THE SAME AS FOR TYPE 1.
(a) THE NATIVE SOIL FALLS WITHIN THE GRADATION TOLERANCES OF TYPE 1 OR TYPE 2 OR IS CLASSIFIED AS GP OR GW BY THE UNIFIED CLASSIFICATION SYSTEM (ALL MATERIAL TO PASS A 3" SIFVE).
- IN PLACE NATIVE MATERIAL (CEMENTED) MAY BE SUBSTITUTED FOR TYPE 1 AGGREGATE BASE PROVIDED THAT THE ENTIRE RIGHT OF WAY IS SUFFICIENTLY BALL BROKEN (BACK OF SIDEWALK TO BACK OF SIDEWALK). THE BALL BROKEN AREAS SHALL BE LEVELED AND COMPACTED AS PER SPECIFICATION.
- OWNER AGREES THAT IF THE EXISTING MATERIAL DOES NOT CONFORM TO STANDARD SPECIFICATIONS FOR TYPE 1 GRAVEL BASE THEN MATERIAL MEETING THOSE SPECIFICATIONS WILL BE IMPORTED.

ESTIMATE OF QUANTITIES**STREET IMPROVEMENTS**

2" A.C. PAVEMENT	8,197 S.Y.
'L' TYPE CURB & GUTTER	2,640 L.F.
'L' TYPE CURB & GUTTER (W/8" CURB FACE, INCL. TRANS.)	631 L.F.
'L' TYPE CURB & GUTTER (W/10" CURB FACE, INCL. TRANS.)	57 L.F.
6' CONC. SIDEWALK	3,984 S.F.
5' CONC. SIDEWALK	3,061 S.F.
3.5' CONC SIDEWALK	4,563 S.F.
CONC. DRIVEWAY (3.5' X 24')*	4,872 S.F.
6' CONC. VALLEY GUTTER	1,290 S.F.

WATER

STD. F.H. W/6" LATERAL & 6" G.V.	3 EA.
6" A.C.P.	1,189 L.F.
4" A.C.P.	224 L.F.
6" GATE VALVE	3 EA.
4" GATE VALVE	1 EA.
6" KOPPL TAP ONTO EXIST. 24" CML & CP	2 EA.
3/4" SERVICES	58 EA.
2" BLOW-OFF ASSEMBLY	1 EA.

SEWER

STANDARD MANHOLE	7 EA.
10" P.V.C.	125 L.F.
8" P.V.C.	1,944 L.F.
4" P.V.C. LATERALS	1,559 L.F.

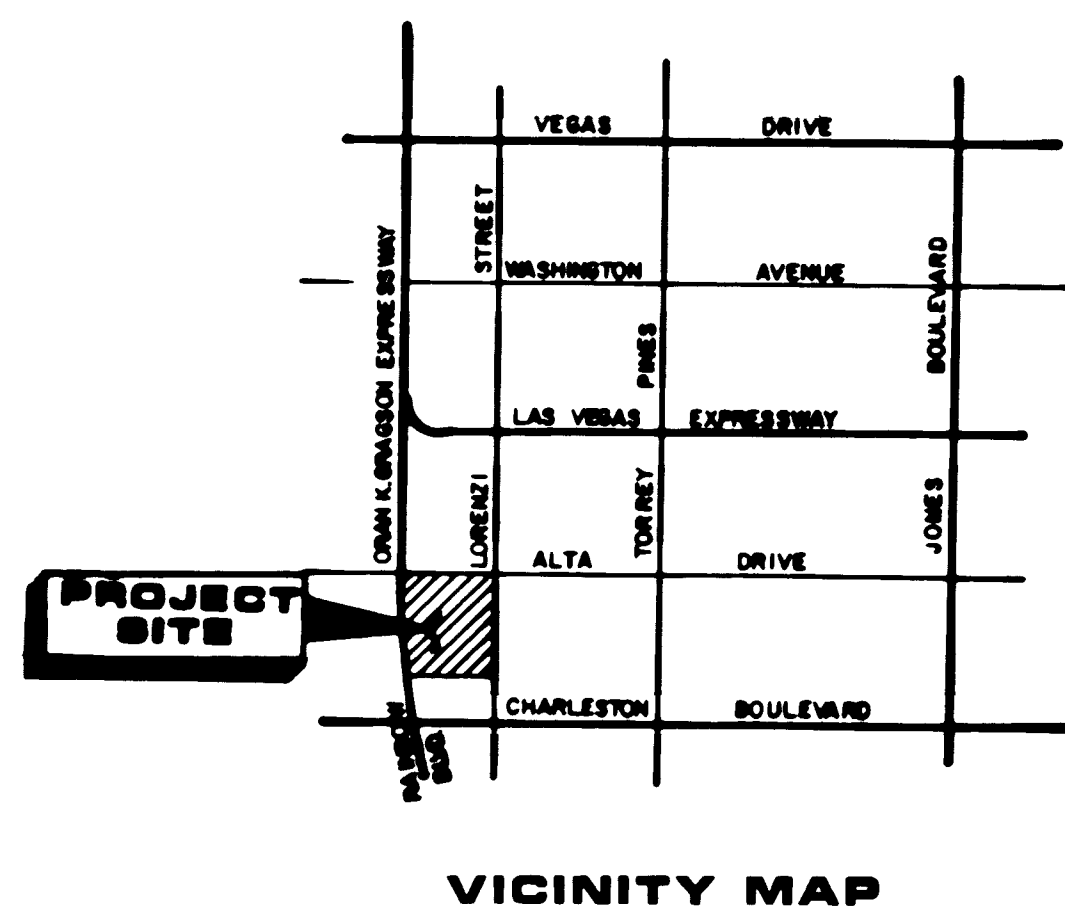
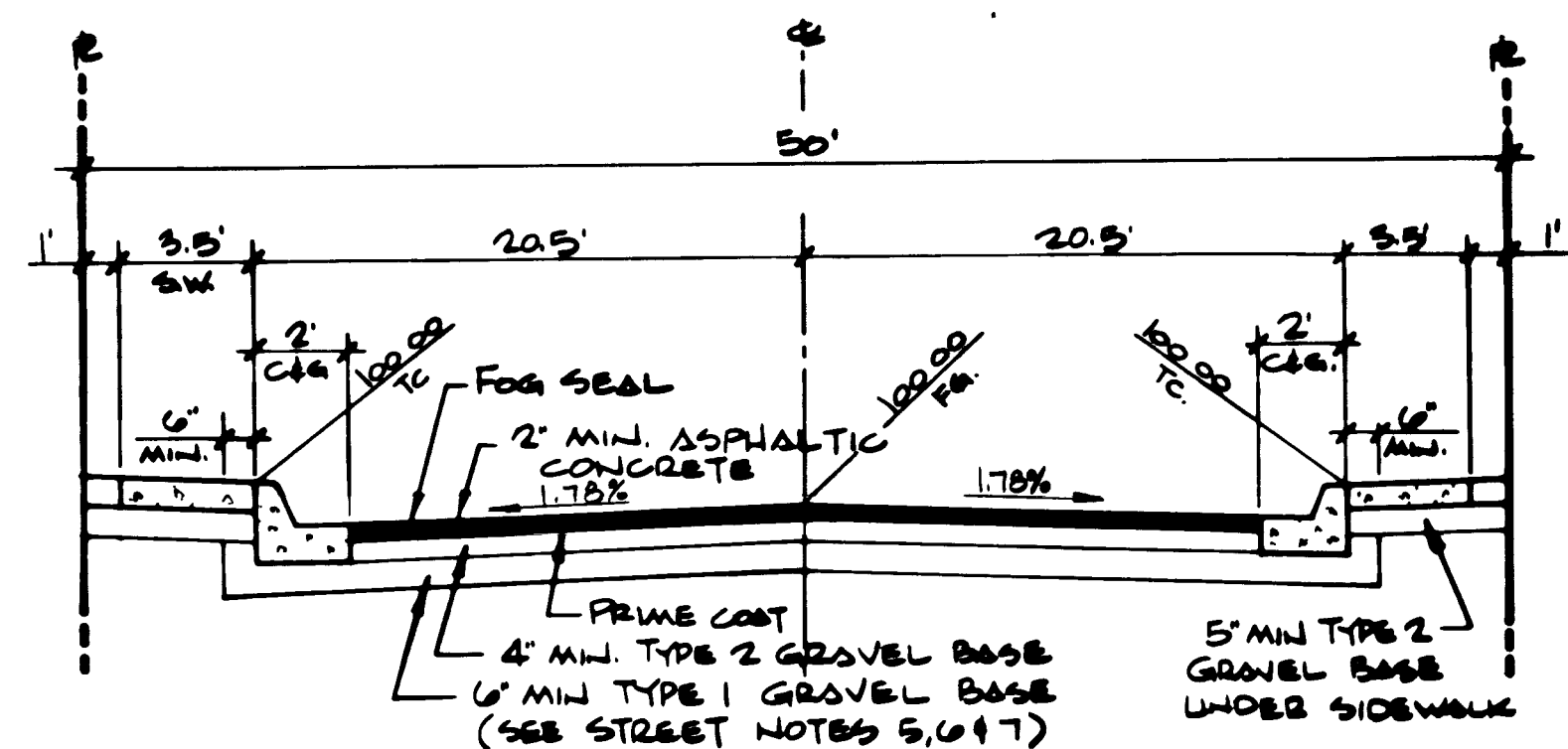
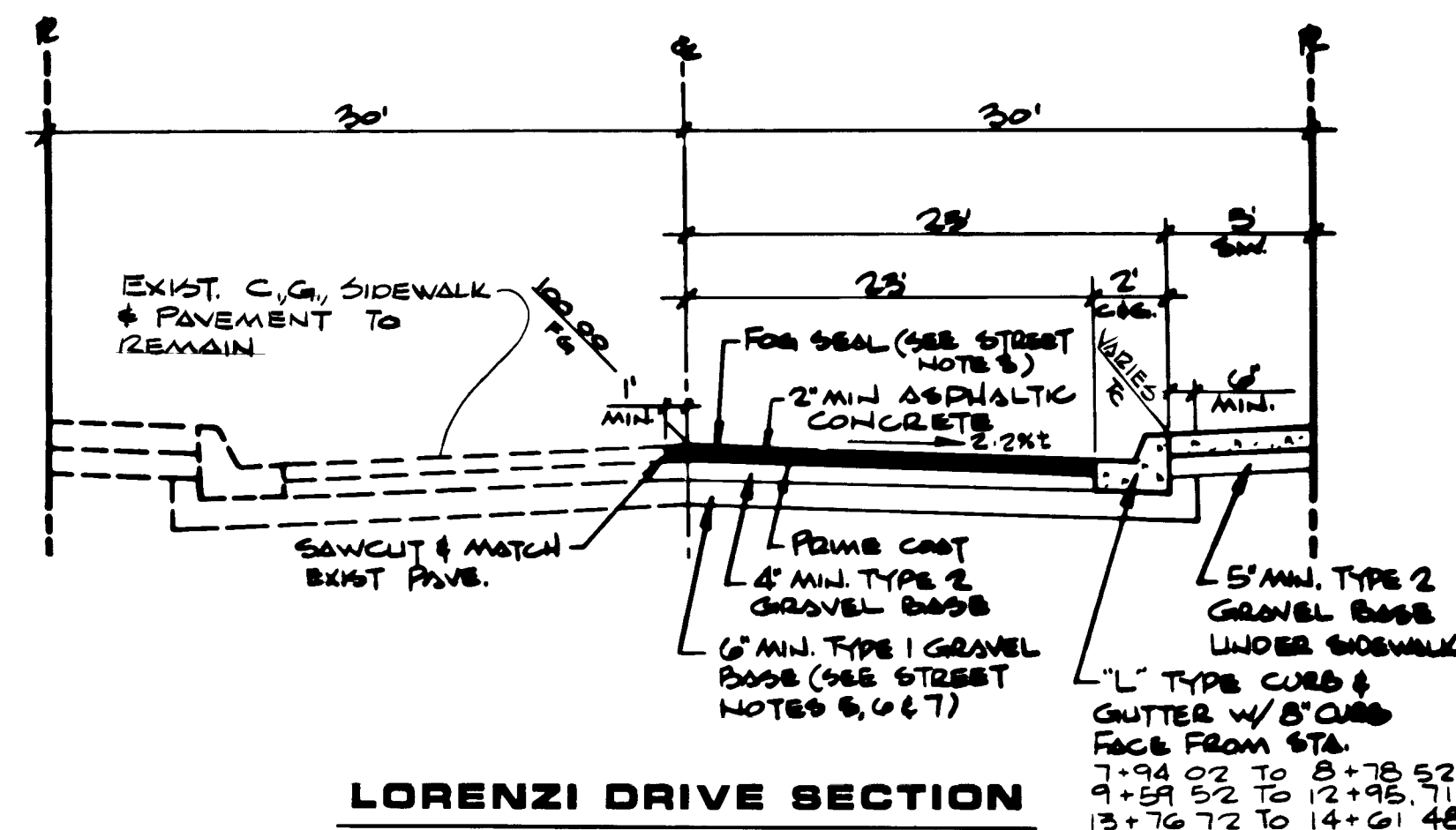
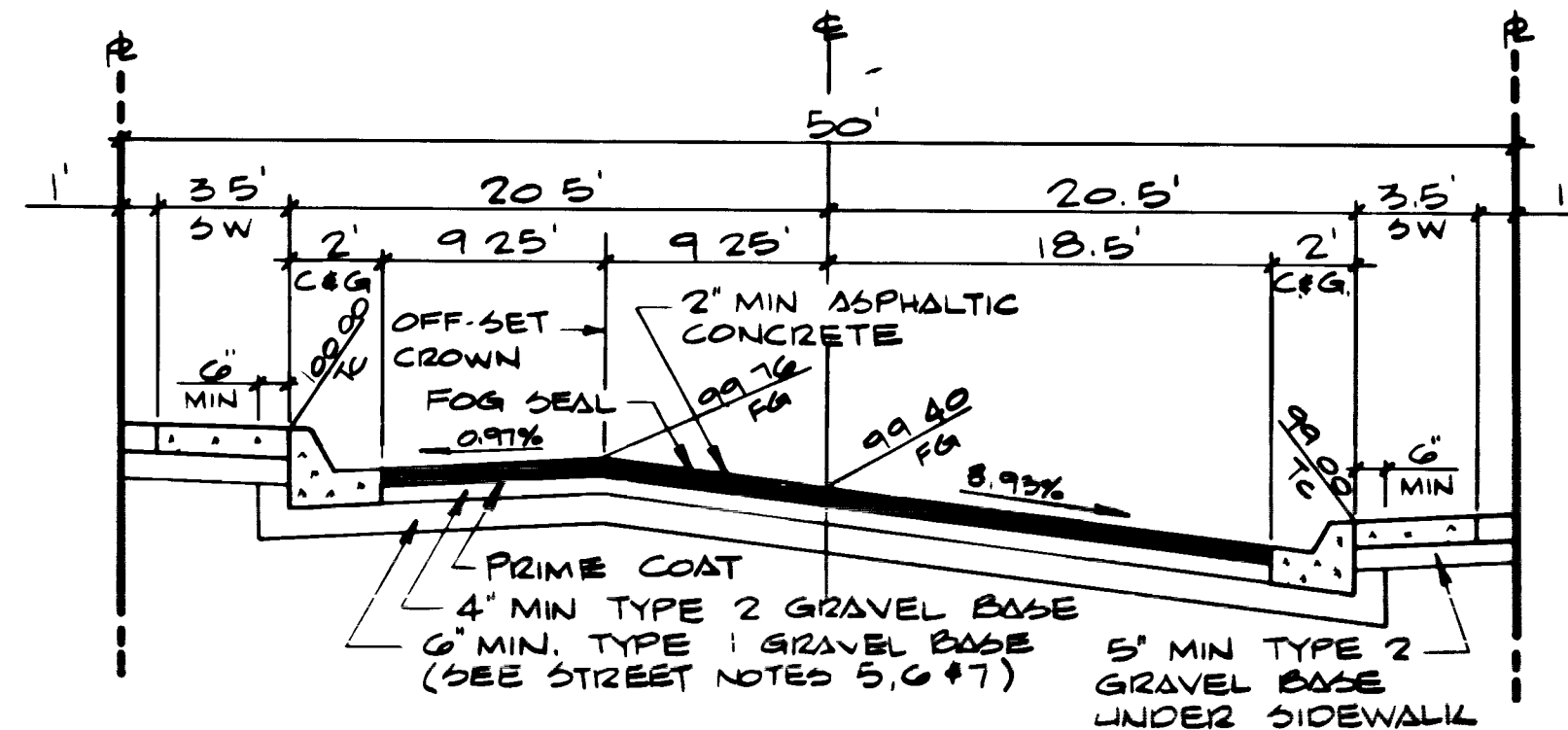
STREET LIGHTING

250 WATT H.P.S. LUMINAIRE W/11 GA. POLE	6 EA.
100 WATT H.P.S. LUMINAIRE W/11 GA. POLE	8 EA.
1-1/4" P.V.C. CONDUIT	1 EA.
NO 3-1/2 PULL BOX	

MISCELLANEOUS

24" R.C.P. STORM DRAIN	180 L.F.
6" P.V.C.	293 L.F.
DROP INLET	1 EA.
STREET NAME & STOP SIGN	3 EA.
STREET NAME SIGN	2 EA.
SPEED LIMIT SIGN	2 EA.
EXCAVATION	9,638 C.Y.
REMOVE EXIST AC PAVEMENT	256 S.Y.

*APPROXIMATE DRIVEWAY QUANTITY. FINAL QUANTITY TO BE DETERMINED FROM THE MODEL SCHEDULE SHOWN ON THE PLOT PLAN.

**VICINITY MAP****TYPICAL 50' STREET****LORENZI DRIVE SECTION****50' OFF-SET CROWN STREET****ENGINEER'S CERTIFICATE**

I HEREBY CERTIFY THAT THESE PLANS AND/OR SPECIFICATIONS COMPLY WITH F.H.A. MINIMUM PROPERTY STANDARDS, LOCAL ACCEPTABLE STANDARDS AND REQUIREMENTS, AND REPRESENT THE BEST OF MY PROFESSIONAL JUDGMENT.

DAVID P. HUCKLE, P.E. NO. 5256

12-28-83

DATE

APPROVALS

<i>[Signature]</i> CLV ENGINEER	2-2-84 DATE
<i>[Signature]</i> CLV QUALITY CONTROL ENGINEER	2/2/84 DATE
<i>[Signature]</i> CLV FIRE MARSHALL	1/25/84 DATE
<i>[Signature]</i> CLV SANITATION ENGINEER	1-25-84 DATE
<i>[Signature]</i> CLV ELECTRICAL SUPERVISOR	1-25-84 DATE
<i>[Signature]</i> CLV ELECTRICAL COORDINATOR	1/25/84 DATE
<i>[Signature]</i> CLV TRAFFIC ENGINEER	2/1/84 DATE
<i>[Signature]</i> CLV CHIEF LAND DEVELOPMENT AND FLOOD CONTROL	1-30-84 DATE

DESCRIPTION

REV DATE

12-28-83

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G. C. WALLACE
Consulting Engineers, Inc.
1100 East Sahara Ave. • Las Vegas, Nevada 89104 • 732-3330

METROPOLITAN DEVELOPMENT CORPORATION
METROPOLITAN'S ALTA MEADOWS UNIT NO. 2

GENERAL NOTES & MISCELLANEOUS

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4

OF 11 SHEETS

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1078-2159.2

ESTIMATE OF VARIATION

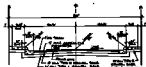
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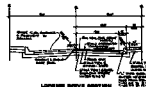
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TYPICAL MAP STREET



LIFE IN THE SOUTH EAST ASIA



U.S. DEPARTMENT OF JUSTICE

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B. C. WALLACE
Consulting Engineers, Inc.