

GRADING AND IMPROVEMENT PLANS

FOR

CHARLESTON HEIGHTS TRACT NO. 51 - J

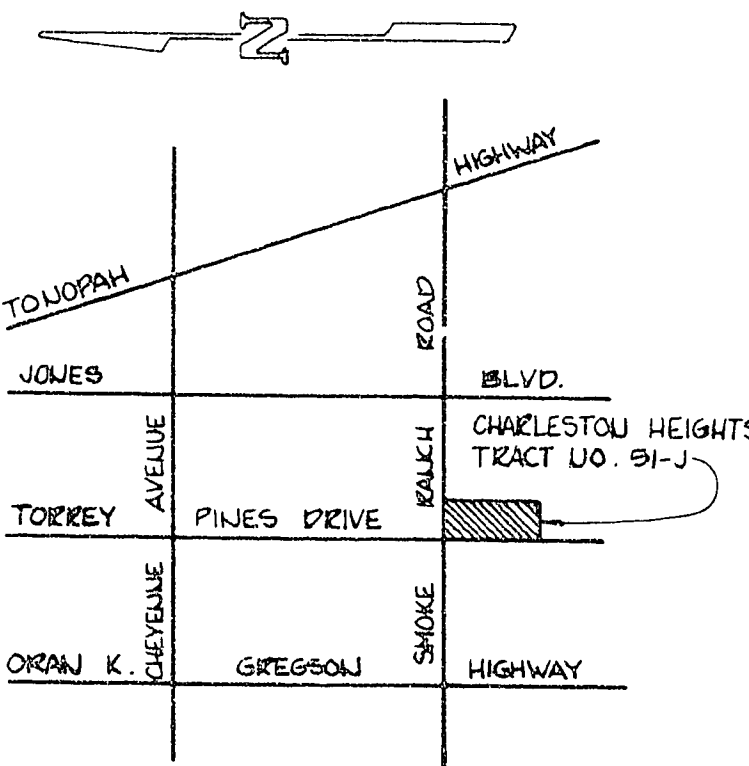
CITY OF LAS VEGAS
STATE OF NEVADA

ESTIMATE OF QUANTITIES

	ON - SITE	OFF - SITE
2" A. C. PAVING	15,998 S.Y.	373 S.Y.
3" A. C. PAVING		
TYPE I GRAVEL BASE		2360 C.Y.
EXCAVATION		
CURB & GUTTER (24" L-TYPE)		2335 L.F.
CURB & GUTTER (18" ROLL-TYPE)	2057 L.F.	
CONCRETE VALLEY GUTTER	1357 S.F.	559 S.F.
4" CONCRETE SIDEWALK		14,286 S.F.
STREET LIGHTS		
3 3/4" A.C. PAVING		9272 S.Y.
TYPE II GRAVEL	2829 C.Y.	1881 C.Y.
"A" TYPE CURB		5012 L.F.

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VICINITY MAP

GENERAL NOTES

1. CURB & GUTTER WITH A GRADE OF LESS THAN 4% SHALL BE 4% PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH POINT SHALL BE VERIFIED BY GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AT 24 HOURS AFTER CONSTRUCTION.
2. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED IN EACH SIDEWALK AT AN INTERSECTION PER STANDARD DRAWING 002A. EXACT LOCATION OF RAMPS SHALL BE DETERMINED IN THE FIELD BY A CITY INSPECTOR.
3. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR IMPROVED AND SMOOTH TRAVEL. ALL TRANSITIONS SHALL BE DETERMINED BY THE CITY ENGINEER.
4. EXISTING UTILITIES ARE LOCATED ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE 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.
5. CONSTRUCTION TO BE PERMITTED BY STANDARD SPECIFICATIONS AND SPECIFICATIONS, CITY OF LAS VEGAS, NEVADA. (LATEST EDITION)
6. A. C. PAVEMENT TO BE 1/2" ABOVE TOP OF GUTTER AFTER COMPLETION.
7. CONCRETE TO BE DESIGNED FOR A 4.5 SACK MIX WITH A MAXIMUM WATER/CEMENT RATIO OF 0.45 OR AS DESIGNED BY THE SOILS ENGINEER. MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION PRIOR TO USE ON THE PROJECT.

ENGINEERS CERTIFICATE

Charley R. Johnson 4/15/86
CHARLEY R. JOHNSON DATE
NEVADA CERTIFICATE NO. 3005

BENCH MARK

BOLT & PLATE IN THE SW QUAD OF
SMOKE RANCH ROAD & TORREY PINES DRIVE.
ELEVATION : 2290.25

APPROVALS

James H. Hays 6-13-86
CLV ENGINEER DATE
John J. Hays 6-13-86
CLV CHIEF, LAND DEVELOPMENT & FLOOD CONTROL DATE
N/A as per C. Krehnowi
CLV QUALITY CONTROL ENGINEER DATE
John E. Bohl 4/22/86
CLV TRAFFIC ENGINEER DATE
R. D. Dwyer 6-13-86
CLV FIRE MARSHALL DATE
G. A. Anton 6-13-86
CLV SANITATION CHIEF DATE
James J. Hays 4-14-86
CLV ELECTRICAL COORDINATOR DATE
George J. Harris 4-18-86
CLV ELECTRICAL SUPERVISOR DATE

DEVELOPER

BECKER & SONS
50 S. JONES BLVD. SUITE 100
LAS VEGAS, NEV. 89107

CHARLESTON HEIGHTS TRACT NO. 51-J

COVER SHEET

WO NO 3311

BY SCD

DATE JAN. '86

SCALE

SHEET

OF 15 SHEETS