

IMPROVEMENT PLANS

FOR
CHARLESTON HEIGHTS TRACT 63

UNIT 1
CITY OF LAS VEGAS
STATE OF NEVADA

ESTIMATE OF QUANTITIES

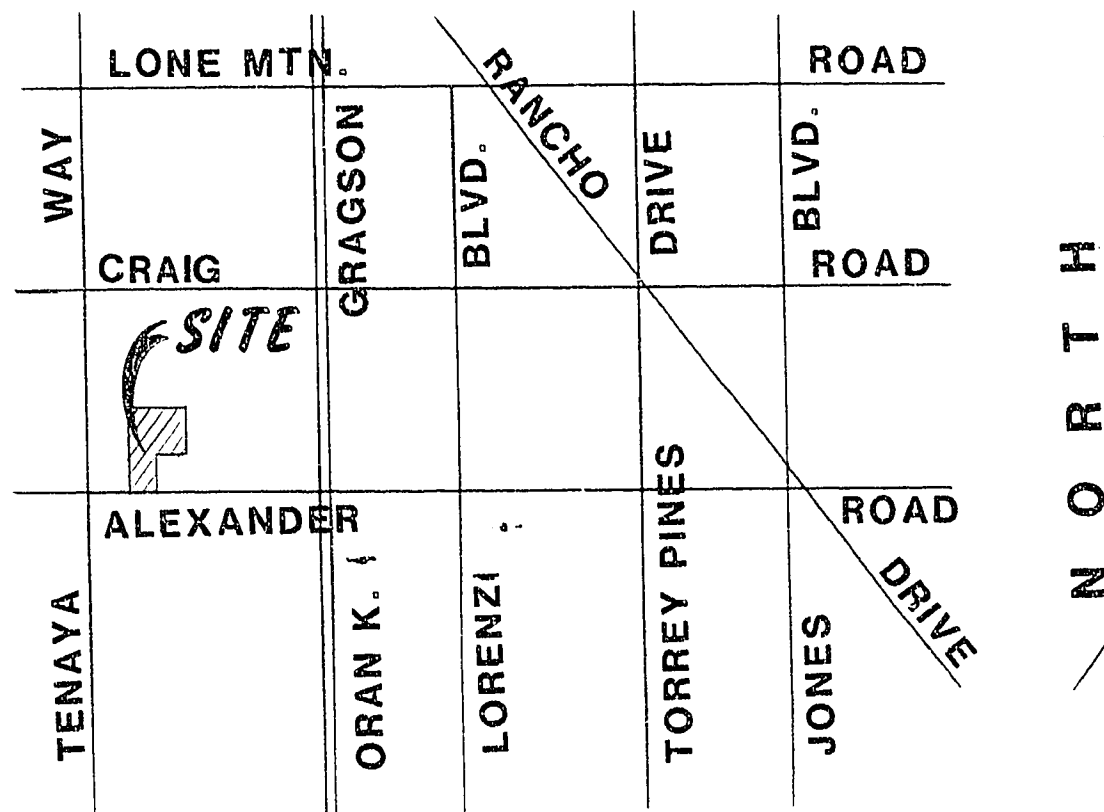
4" A.C. PAVING	1615	S.Y.
2" A.C. PAVING	4900	S.Y.
TYPE I GRAVEL BASE	1330	C.Y.
EXCAVATION & EMBANKMENTS	3385	C.Y.
CURB & GUTTER (24"L-TYPE)	255	L.F.
CURB & GUTTER (30"ROLL-TYPE)	2235	L.F.
CONCRETE VALLEY GUTTER	1545	S.F.
5" 4" CONCRETE SIDEWALK	10,835	S.F.
STREET LIGHTS	9	EA.

SHEET INDEX

- COVER SHEET
- ROUGH GRADING PLAN
- STREET PLAN & PROFILE - ALEXANDER ROAD
- STREET PLAN & PROFILE - ELKRIDGE DRIVE
- STREET PLAN & PROFILE - FLOWERRIDGE LANE, HAZELRIDGE DRIVE
- MASTER SEWER PLAN
- SEWER PLAN & PROFILE - ALEXANDER ROAD
- SEWER PLAN & PROFILE - ELKRIDGE DRIVE
- SEWER PLAN & PROFILE - FLOWERRIDGE LANE, HAZELRIDGE DRIVE
- MASTER WATER PLAN
- OFF-SITE WATER PLAN & PROFILE - ALEXANDER ROAD
- OFF-SITE WATER PLAN & PROFILE - ALEXANDER ROAD
- STREET LIGHT & DRIVEWAY LOCATION PLAN

BENCHMARK

CG01001 - RR SPIKE ON THE EAST SIDE OF POWER POLE #65125 IN THE SW CORNER OF LORENZI AND GOWAN ROAD INTERSECTION, 0.70' ABOVE NATURAL GROUND, BASED ON THE 1974 AERIAL CONTROL DATUM.
ELEVATION: 2320.95
CONSTRUCTION BENCH MARK:
REBAR AND ALCAP RLS 2050 AT THE 1/16 CORNER, ALEXANDER AND RAINBOW EXPRESSWAY.
ELEVATION: 2318.73



VICINITY MAP

GENERAL NOTES

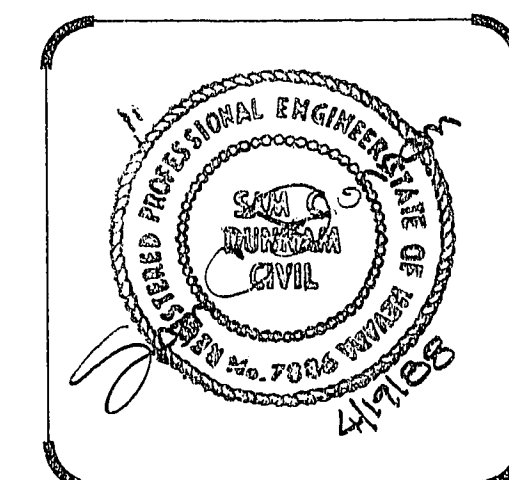
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CITY OF LAS VEGAS"; ANY OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.
- EXISTING UTILITIES ARE LOCATED ON THE PLANS FROM THE BEST AVAILABLE INFORMATION AT THE TIME PLANS WERE PREPARED AND ARE SHOWN ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PHYSICAL LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR ANY UTILITIES NOT SHOWN ON PLANS OR NOT IN THE LOCATION SHOWN ON PLANS. EXISTING UTILITY SERVICE LATERALS ARE NOT SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS, WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE. ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED TO THE SATISFACTION TO THE OWNER AT THE EXPENSE OF CONTRACTOR.
- A.C. PAVEMENT TO BE 0.5" ABOVE THE LIP OF GUTTER AFTER COMPACTION UNLESS OTHERWISE SHOWN.
- TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE DESIGNED FOR A 5.5 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.
- ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY ALTERATIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
- PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
- CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR TENTHS OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.
- ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE SOILS ENGINEER OR PER THESE PLANS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORD WITH N.R.S. STATUTE NUMBER 625.550.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO SAID CONSTRUCTION. EXTENT OF TRANSITIONS TO BE DETERMINED BY THE CITY ENGINEER AND AS SHOWN ON THE PLANS.

APPROVAL

KL <i>David Boverman</i>	5-18-88
CLV ENGINEER	DATE
<i>Jim Poston</i>	7/29/88
CLV TRAFFIC ENGINEER	DATE
<i>David Boverman</i>	8/11/88
CLV FIRE MARSHALL	DATE
<i>Eugene P. P. P.</i>	8/1/88
CLV ELECTRICAL COORDINATOR	DATE
<i>George J. J.</i>	8-2-88
CLV ELECTRICAL SUPERVISOR	DATE
N/A	
CLV CHIEF OF QUALITY CONTROL	DATE
<i>James J. J.</i>	9/11/88
CLV CHIEF OF LAND DEVELOPMENT	DATE
<i>Rob Anton</i>	8-5-88
CLV SANITATION ENGINEER	DATE

ENGINEER'S CERTIFICATE

vtm nevada
ENGINEER'S STAMP



PLASTER DEVELOPMENT

LAS VEGAS, NEVADA

vtm nevada

COVER SHEET

CHARLESTON HEIGHTS TRACT 63
UNIT 1

NO. 3179-1
BY CRJ - EPP
DATE APR 88
SCALE NONE

SHEET
1
OF 13 SHEETS
107Y-1040-63-1

CONSULTING ENGINEERS - PLANNERS
2300 PASEO DEL PRADO BUILDING A SUITE 100
LAS VEGAS, NEVADA 89102 PHONE (702) 873-7550