

GRADING AND IMPROVEMENT PLANS FOR BOULDER HEIGHTS ADDITION PHASE 4

ROW QUANTITIES

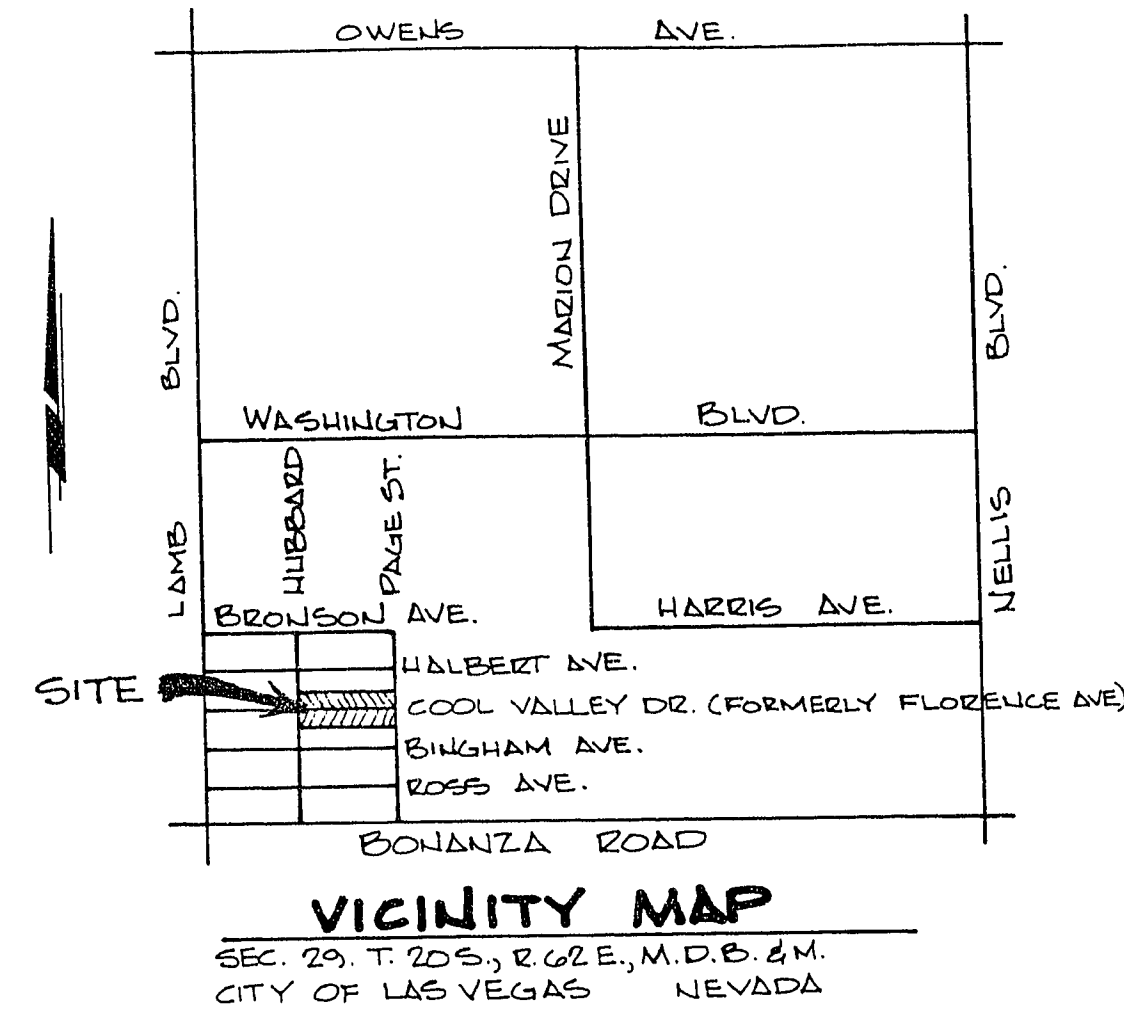
AC 12"	3800 SQ YDS
TYPE II GRAVEL	1470 CU YDS
TYPE I GRAVEL	1110 CU YDS
4" CONC SIDEWALK	8040 SQ FT (INCLUDES 2625 SQ FT DRIVEWAYS)
VALLEY GUTTER	1164 SQ FT
CURB & GUTTER	1610 L. FT.
LIGHT STANDARDS	6 EA.

WATER QUANTITIES (EST.)

① 6" ACP WATER LINE	1705 L.F.
② 6" GATE VALVE	3 EA.
③ 6" CAP	3 EA.
④ 5/8" WATER METER	38 EA.
⑤ STANDARD FIRE HYDRANT ASSEMBLY	1 EA.
⑥ 2" BLIND OFF ASSEMBLY	1 EA.
⑦ 3/4" PE LATERAL	1000 L.F.
⑧ 3/4" SERVICE TAP	38 EA.
⑨ 6"x8" REDUCER	1 EA.
⑩ 6" TEE	2 EA.
⑪ 8"x6" MECHANICAL TEE/ANCHOR BULK	1 EA.

SEWER QUANTITIES

4" Ø SEWER LATERALS	850 L.F.
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GENERAL NOTES

1. 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.
2. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION FOR STANDARD DRAWING D22A. 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 INGRESS AND EGRESS TO SAID CONSTRUCTION. EXTENT OF TRANSITIONS TO BE DETERMINED BY THE CITY ENGINEER.
4. EXISTING UTILITIES ARE LOCATED ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR. 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.
5. CONSTRUCTION TO BE PER UNIFORM STANDARD SPECIFICATIONS AND DRAWINGS, CITY OF LAS VEGAS, NEVADA. (LATEST EDITION)
6. A C. PAVEMENT TO BE .05 ABOVE LIP OF GUTTER AFTER COMPACTION.
7. CONCRETE TO BE DESIGNED FOR A 6.5 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 PROPERTY.

APPROVALS	
<i>[Signature]</i> CITY OF LAS VEGAS CHIEF, LAND DEVELOPMENT & FLOOD CONTROL	12-26-85 DATE
<i>[Signature]</i> CITY OF LAS VEGAS SANITATION SUPERVISOR	11-12-85 DATE
<i>[Signature]</i> CITY OF LAS VEGAS ELECTRICAL SUPERVISOR	11-13-85 DATE
<i>[Signature]</i> CITY OF LAS VEGAS ELECTRICAL COORDINATOR	11/12/85 DATE
<i>[Signature]</i> CITY OF LAS VEGAS QUALITY CONTROL ENGINEER	12/5/85 DATE
<i>[Signature]</i> CITY OF LAS VEGAS TRAFFIC ENGINEER	11/18/85 DATE
<i>[Signature]</i> CITY OF LAS VEGAS FIRE MARSHALL	12/18/85 DATE

SHEET INDEX

COVER SHEET	1 OF 4
PLOT & GRADING, SEWER & WATER	2 OF 4
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STREET DESIGN COOL VALLEY DRIVE	4 OF 4

PREPARED FOR:
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