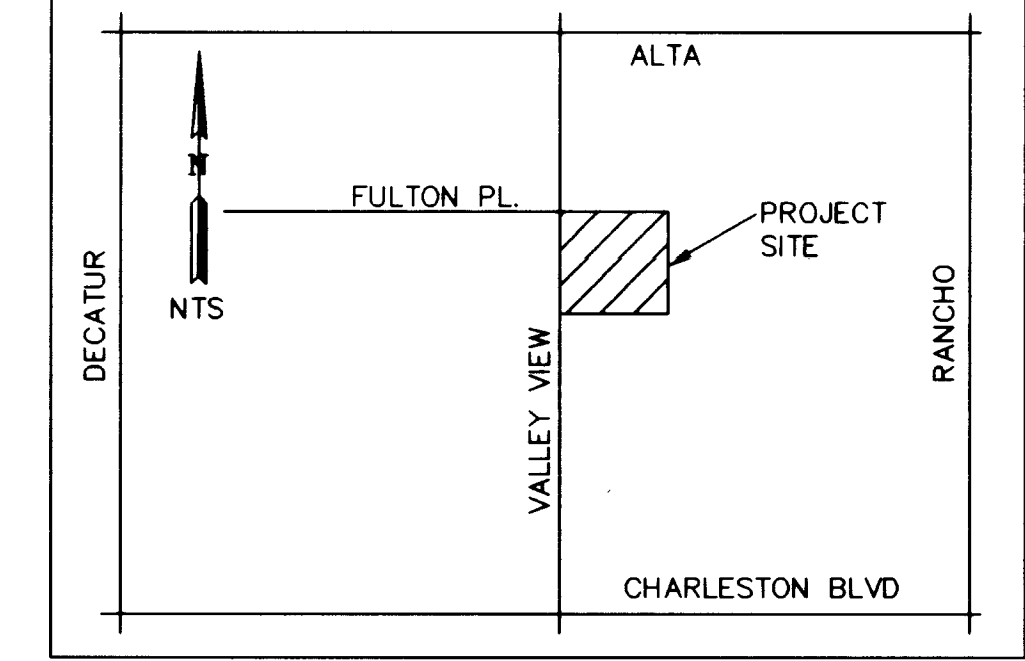


PAVEMENTS - ON-SITE

TYPE OF TRAFFIC	ASPHALT (INCHES)	BASE COURSE (INCHES)
(A) AUTOMOBILE AND PICK-UP TRUCKS	2	6
(B) MAIN CORRIDORS AND TRUCK ACCESS	3	6

I CERTIFY THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

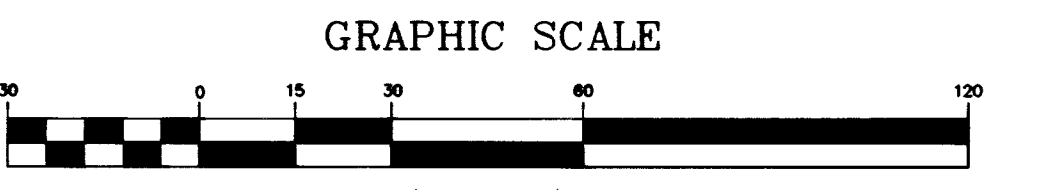
Kirk S. Anderson 10-16-98
DATE



LEGEND

EXISTING PROPOSED	EXISTING PROPOSED
--- RIGHT-OF-WAY CENTERLINE	--- SCREEN / RETAINING WALL
--- WATER LINE	--- WIRE OR CHAIN LINK FENCE
--- SANITARY SEWER LINE	--- TRASH ENCLOSURE
--- GAS LINE	--- GRADE BREAK
--- STORM DRAIN	FF=0.00 FINISH FLOOR
--- POWER LINE / POWER POLE	--- CLEANOUT INVERT ELEVATION
--- TELEPHONE LINE	--- FLOW LINE
--- FIRE HYDRANT	1863.99 (0.00) FINISH GRADE
--- WATER VALVE	--- METERS / PULL BOXES
--- REDUCER	--- MANHOLE
--- STREET LIGHT	--- CONTOUR
--- CONCRETE	--- A.C. PAVING
--- GRAVEL	--- ROOF DRAIN

BENCHMARK
2LV01 31E6 BEING A RIVET & PLATE IN TOP OF CURB, NW RETURN ALTA DRIVE AND VALLEY VIEW BLVD.
ELEVATION = 2140.46 CITY OF LAS VEGAS BM, ELEVATION = 652.4143 (M) CITY OF LAS VEGAS BM, NORTH AMERICAN DATUM OF 1988.
BASIS OF BEARINGS
N 00°00'00" E BEING THE CENTERLINE OF VALLEY VIEW BOULEVARD BETWEEN CHARLESTON & ALTA.



- CONSTRUCTION NOTES
- (A) INSTALL TYPE 'A' PAVEMENT
 - (B) INSTALL TYPE 'B' PAVEMENT
 - (C) INSTALL 8" WIDE VALLEY GUTTER PER CLARK COUNTY AREA STANDARD DRAWING NO. 228
 - (D) INSTALL SW PER (4.00)
 - (E) TURN DOWN CURB PER (10.00)
 - (F) INSTALL "L" TYPE CURB PER (2.00)
 - (G) INSTALL "A" TYPE CURB PER (2.00)
 - (H) INSTALL CHAIN LINK FENCE PER SPECS

- GRADING NOTES
1. SLOPES 4:1 OR STEEPER AND FINE-GRAINED MATERIALS THAT HAVE BEEN DISTURBED (SANDY AND SILTY MATERIALS) SHOULD BE PROTECTED WITH SHORLAP OR OTHER EROSION CONTROL FABRIC/MATERIAL UNLESS OTHERWISE SPECIFIED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS OR THE SOILS REPORT.
 2. CONTRACTOR SHALL DETERMINE HIS OWN FOOTING OR BASEMENT EXCAVATION QUANTITIES, EVEN THOUGH SHOWN ON ROUGH GRADING PLANS. ADDITIONALLY, STRUCTURE BACKFILL COSTS SHOULD BE INCLUDED IN THE COST OF THE STRUCTURE, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
 3. CONTRACTOR SHALL NOTIFY MARTIN & MARTIN, INC. WITHIN 24 HOURS OF OMISSIONS AND ERRORS DISCOVERED ON PLANS. MARTIN & MARTIN, INC. WILL NOT BE RESPONSIBLE FOR ANY "CORRECTIVE" WORK DONE BY OTHERS.
 4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE. NO PONDING ALLOWED.
 5. REFERENCE GEOTECHNICAL REPORT
- MARTIN & MARTIN ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.
- opsctr.dwg 5-26-98 4:52:26 pm PST

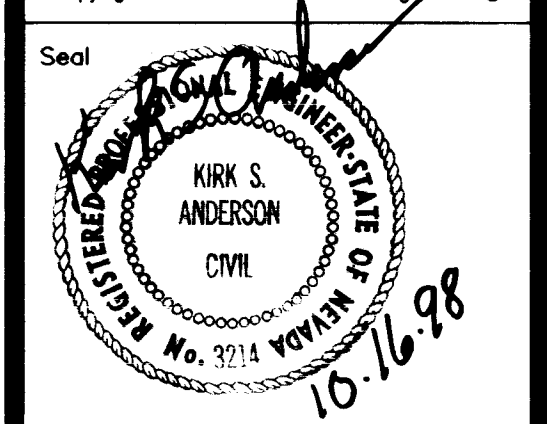


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Interior and Graphic Design
Landscape Architecture
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Las Vegas, Nevada 89119
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Consultants
MARTIN & MARTIN
MARTIN & MARTIN
CIVIL ENGINEERS
1909 S. JONES BLVD.
SUITE B
LAS VEGAS, NV 89102
PHONE (702) 248-8000

The Contractor shall check and verify all dimensions and report all errors and omissions to this office prior to commencing work. These drawings are not to be scaled.

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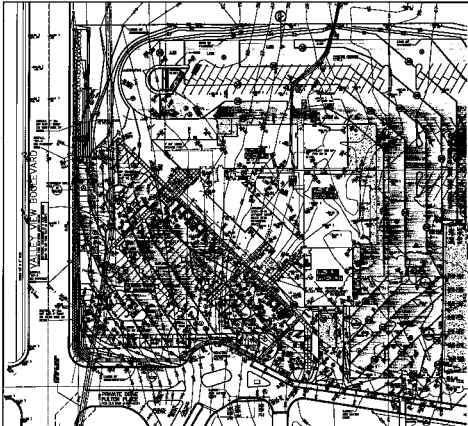


Revisions

No.	Date	Description
1	10/15/98	OWNER REVISIONS: CHANGED BLOCKWALL TO CHAINLINK FENCE

Date 4-20-98
Drawn R. YOUNG
Checked
Project No. 1569
Project
LAS VEGAS VALLEY WATER DISTRICT OPERATIONS CENTER

Drawing Title
GRADING PLAN
Drawing No.
C2.00
4 OF 10
107V-2993



Project - 20-62

NO. OF SHEETS	SHEET NO.	TOTAL SHEETS
1	1	1

1. APPROVED AND FOR-UP WORK 2 3 4
 2. PREPARED FOR OWNER 3 4 5

SCALE: 1" = 40' (SEE NOTE 1)
K. S. Chalmers 11-1-62
 DATE



NOTES:

1. THE SITE IS TO BE DEVELOPED AS A RESIDENTIAL DEVELOPMENT.
2. THE DEVELOPMENT IS TO BE IN ACCORDANCE WITH THE ZONING ORDINANCES OF THE CITY OF...
3. THE DEVELOPMENT IS TO BE IN ACCORDANCE WITH THE SUBDIVISION MAP ACT...
4. THE DEVELOPMENT IS TO BE IN ACCORDANCE WITH THE...



- LEGEND:
- 1. EXISTING LOT LINES
 - 2. EXISTING LOT CORNERS
 - 3. EXISTING LOT AREA
 - 4. EXISTING LOT PERIMETER
 - 5. EXISTING LOT AREA
 - 6. EXISTING LOT PERIMETER
 - 7. EXISTING LOT AREA
 - 8. EXISTING LOT PERIMETER
 - 9. EXISTING LOT AREA
 - 10. EXISTING LOT PERIMETER



AN ASSOCIATE, INC.
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MASTEN & COMPANY
 ARCHITECTS
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 4 OF 10
 1017-5125