

**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 (CALL BEFORE YOU DIG-800-227-2600)
- 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 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.
- EXACT LOCATIONS OF ALL SAN CUTS 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" FOR SEWER AND "G" FOR GAS WHERE THESE LINES PASS UNDER THE CURB.

**SEWER NOTES**

- SEWER SERVICES SHALL COMPLY WITH THE WESTERN PLUMBING CODE AS TO SEPARATION DISTANCE.
- ALL UNITS TO BE SERVED AS SHOWN ON THE UTILITY PLAN AND AS PER SECTION 313 OF THE UNIFORM PLUMBING CODE.
- CONCRETE COLLARS REQUIRED AROUND WATER VALVES AND MANHOLE COVERS.

**STREET LIGHTING NOTE**

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" SIEVE).
- 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.

**QUANTITIES**  
9/19/86

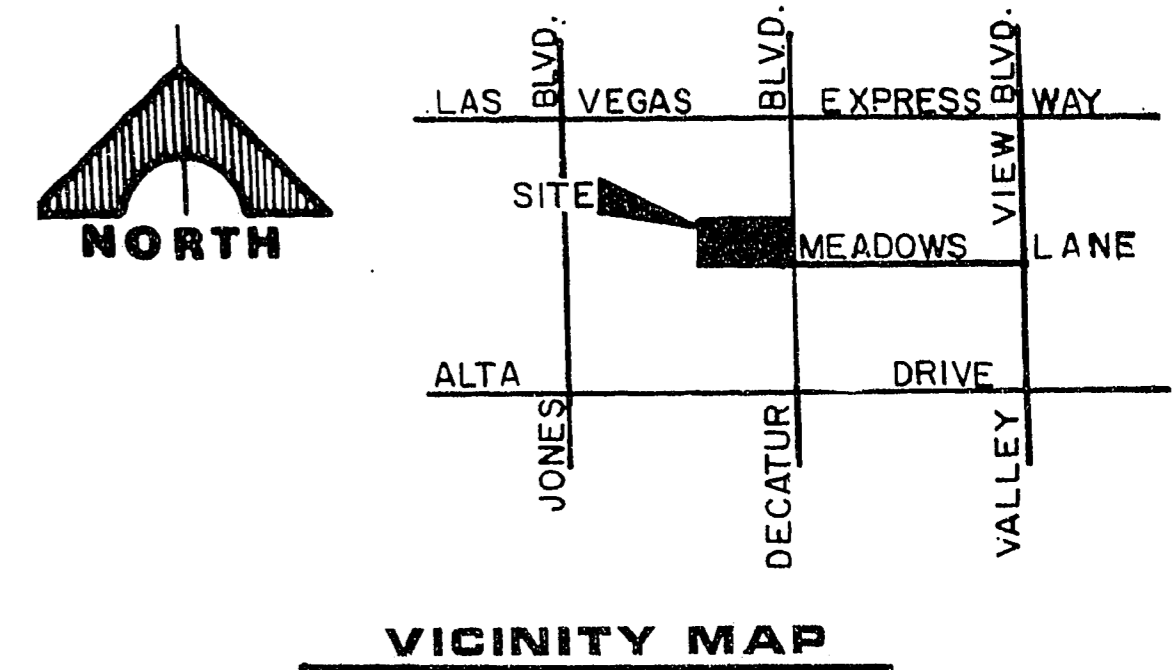
**ON - SITE**

<b>PARKING LOT</b>	
2 1/2" A.C. Pavement w/8 1/2" Type 2 Gravel Base.....	6,900 SY
2" A.C. Pavement w/6" Type 2 Gravel Base.....	44,250 SY
"A" Type Curb.....	5,900 LF
"L" Type Curb & Gutter.....	1,450 LF
CMU Fence Wall.....	1,610 LF
CMU Retaining Wall.....	900 LF
Fire Hydrant Guard Posts.....	20 EA
Rumper Blocks.....	190 EA
4" Paint Stripe.....	30,500 LF
4' Valley Gutter.....	3,340 SF
<b>WATER</b>	
12" A.C.P.....	1,095 LF
12" Gate Valve.....	2 EA
8" A.C.P.....	1,320 LF
8" Gate Valves.....	8 EA
6" A.C.P.....	90 LF
6" Gate Valves.....	6 EA
2 1/2" PVC.....	45 LF
2 1/2" Gate Valves.....	1 EA
2" PVC.....	245 LF
2" Gate Valves.....	13 EA
Fire Hydrants.....	6 EA
<b>SEWER</b>	
4" PVC.....	275 LF
8" PVC.....	1,120 LF
8" PVC.....	90 LF
Manholes.....	5 EA
<b>EARTHWORK</b>	
Excavation.....	22,200 CY
Fill.....	15,400 CY
Excess.....	6,800 CY
Overexcavation.....	26,600 CY

The quantities shown for earthwork are geometric only and do not take into account shrinkage or subsidence. Any adjustments by the contractor for this item shall be in strict accordance with the "Soil and Foundation Investigation for Paradise Development Target Store Northwest Quadrant of Decatur Boulevard and Meadows Lane, Clark County, Nevada", prepared by Converse Consultants Southwest, Inc., dated January 30, 1986.

**OFF - SITE**

<b>STREET</b>	
Remove Existing Sidewalk & Driveway.....	120 SY
Remove Existing Pavement.....	1,650 SY
3-3/4" A.C. Pavement w/4" Type 2 and 9" Type 1 Gravel Base.....	5,350 SY
"L" Type Curb & Gutter.....	2,030 LF
4" Concrete Island Surfacing.....	1,900 SY
6' Sidewalk.....	7,180 SF
Commercial Driveway.....	1,100 SF
Traffic Signal Modifications.....	1 LS
<b>WATER</b>	
8' x 4' FMCT Meter and Vault.....	2 EA
12" x 10" Tapping Sleeve w/10" Gate Valve.....	1 EA
8" x 8" Tapping Sleeve w/8" Gate Valve.....	1 EA
10" A.C.P.....	55 LF
8" A.C.P.....	270 LF
8" Gate Valve.....	1 EA
12" x 6" Tapping Sleeve w/6" Gate Valve.....	1 EA
Fire Hydrant.....	1 EA
Remove Existing Fire Hydrant.....	1 EA
<b>SEWER</b>	
8" VCP.....	55 LF
Sewer Manhole.....	1 EA
Adjust Manhole to Grade.....	1 EA
<b>ELECTRICAL</b>	
250W HPS Street Light Standards.....	7 EA
1 1/2" PVC Street Light Conduit.....	1,225 LF
<b>EARTHWORK</b>	
Excavation.....	8,000 CY
Excess.....	8,000 CY



**INDEX OF DRAWINGS**

NO.	TITLE
C-1	COVER SHEET
C-2	GENERAL NOTES, INDEX OF DRAWINGS
C-3	PLAN MAP
C-4	UTILITY PLAN
C-5	MEADOWS LANE STA. 0+00 TO STA. 9+00
C-6	MEADOWS LANE STA. 9+00 TO STA. 13+35.22
C-7	DECATUR BLVD. IMPROVEMENTS PLAN
C-8	SIGNAL MODIFICATION PLAN
C-9	DECATUR BLVD. DELINEATION PLAN
C-10	GRADING PLAN
C-11	GRADING PLAN
C-12	GRADING PLAN
C-13	GRADING PLAN
C-14	DIMENSION CONTROL & PAVING PLAN
C-15	DETAILS & SECTIONS
C-16	DETAILS & SECTIONS
C-17	INTERIM TRANS PVMINT & UTILITIES AT PIZZA HUT

**APPROVALS**

<i>[Signature]</i> CLV ENGINEER	10-7-86 DATE
N/A PER CHIEF OF Q.C. CLV QUALITY CONTROL ENGINEER	DATE
<i>[Signature]</i> CLV FIRE MARSHALL	10/6/86 DATE
<i>[Signature]</i> CLV SANITATION ENGINEER	8-21-86 DATE
<i>[Signature]</i> CLV ELECTRICAL SUPERVISOR	8-25-86 DATE
<i>[Signature]</i> CLV ELECTRICAL COORDINATOR	8/25/86 DATE
<i>[Signature]</i> CLV TRAFFIC ENGINEER	9/26/86 DATE
<i>[Signature]</i> CLV CHIEF LAND DEVELOPMENT	8-21-86 DATE

Avoid cutting underground utility lines. It's costly.

**Call before you Dig.**

1-800-227-2600  
UNDERGROUND SERVICE (USA)

**BENCHMARK**

06036 - A - 1 CITY OF LAS VEGAS BOLT WITH ALUM. PLATE AT NORTHWEST RETURN OF DECATUR BLVD. AND MEADOWS LANE. CITY OF LAS VEGAS DATUM ELEVATION = 2193.04

JOB NO. 632.040

DESCRIPTION: DECATUR CROSSING

REV. DATE: 9/19/86

3343 8/20/86

RECORDED & INDEXED

DECATUR CROSSING

DEAN A. BECK & ASSOCIATES

GENERAL NOTES, INDEX OF DRAWINGS

G.C. WALLACE, INC.  
Engineering/Architecture

1555 SOUTH RAINBOW BLVD., LAS VEGAS, NEVADA 89102

SHEET C-2

OF 17 SHEETS