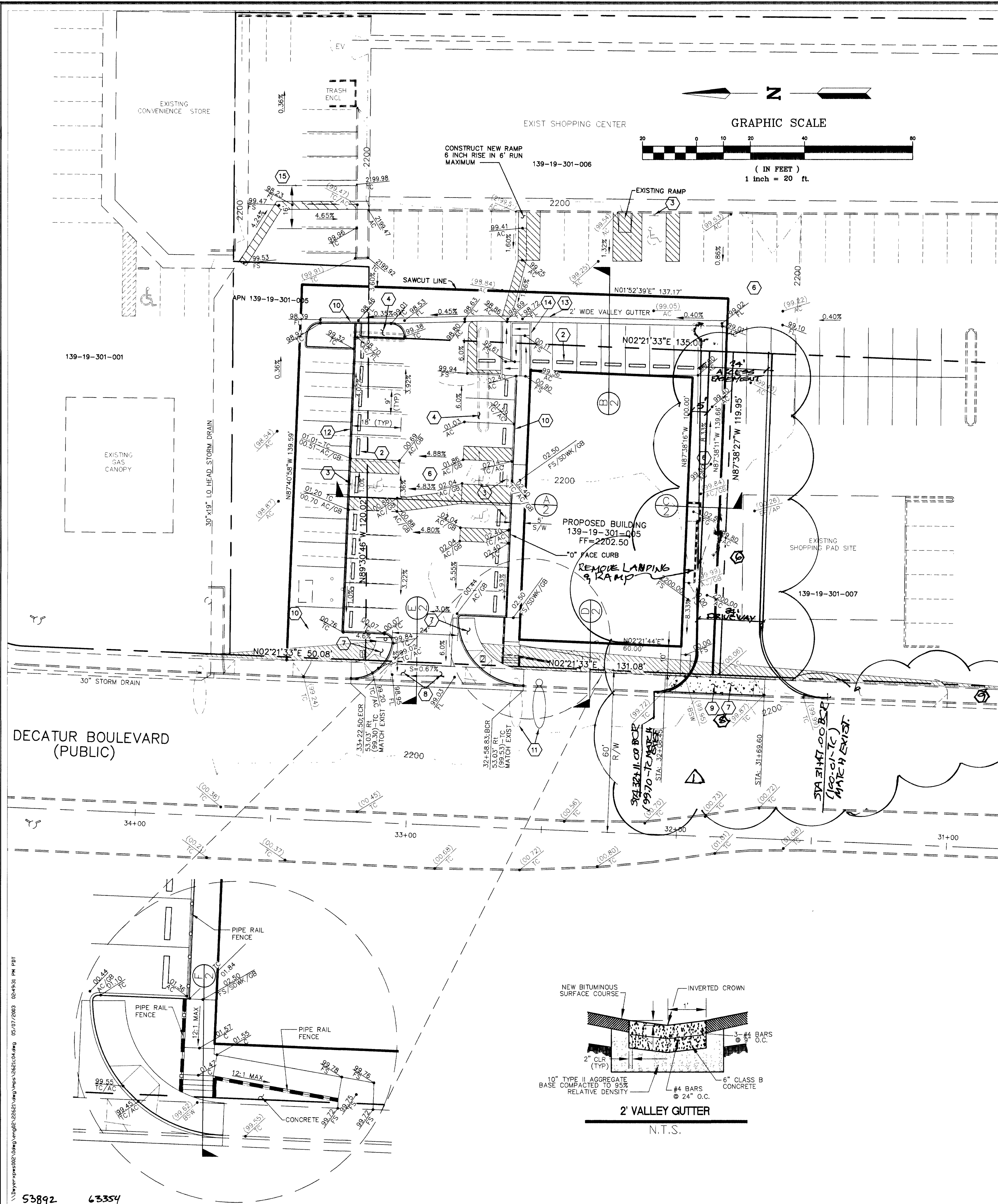




CLV GRADING NOTES

- 1) IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
- 2) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
- 3) CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
- 4) THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
- 5) THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.
- 6) CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCE AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:

	HORIZONTAL	VERTICAL	COMPACTION
A. PAVEMENT AREA SUBGRADE	0.1\"	+0.0' TO -0.1'	AS INDICATED ON PLAN
B. ENGINEERED FILL	0.5\"	+0.1' TO -0.1'	MINIMUM OF 90% OR AS SHOWN ON PLANS.
- 7) ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
- 8) THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
- 9) THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
- 10) IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE OWNER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

CITY OF LAS VEGAS 9-3-97

CONSTRUCTION NOTES

- 1) NOT USED
- 2) CONCRETE BUMPER BLOCK PER STD DWG No. 238 (TYP)
- 3) INSTALL HANDICAP PARKING SIGN PROVIDE HANDICAP PARKING AREA W/ 2% MAX SLOPE IN ANY DIRECTION.
- 4) REMOVE EXISTING "A" CURB ISLAND, AREA LIGHT & ASPHALT
- 5) NOT USED
- 6) INSTALL 2" AC PAVEMENT OVER 12" TYPE II, MATCH EXIST
- 7) 6' WIDE SIDEWALK
- 8) REMOVE EXISTING PAN DRIVEWAY & INSTALL COMMERCIAL DRIVEWAY AND GROSS GUTTER PER STD DWGS No. 225, 222A, & 228, MATCH EXISTING CURB
- 9) REMOVE EXISTING PAN DRIVEWAY. INSTALL SIDEWALK & "L" CURB AND GUTTER PER USD 216 & 234.
- 10) "A" CURB PER STD DWG. No. 219.
NOTE: ALL CURB IS TYPE "A" UNLESS OTHERWISE SPECIFIED
- 11) RELOCATE EXISTING STREET LIGHT TO STATION 32+53.00
- 12) 24" "A" CURB WITH 12" BELOW EXIST. PAVEMENT ON NORTH SIDE
- 13) INSTALL 2' VALLEY GUTTER PER DETAIL THIS SHEET
- 14) SEE ARCHITECTURAL FOR WALL AND RAILING DETAILS
- 15) REMOVE EXIST "A" CURB & INSTALL NEW "A" CURB

ENGINEERS CERTIFICATION:

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FILED W/ FLOOD CONTROL SECTION

DAVID A. DWYER, P.E. No. 7785

BASIS OF BEARINGS

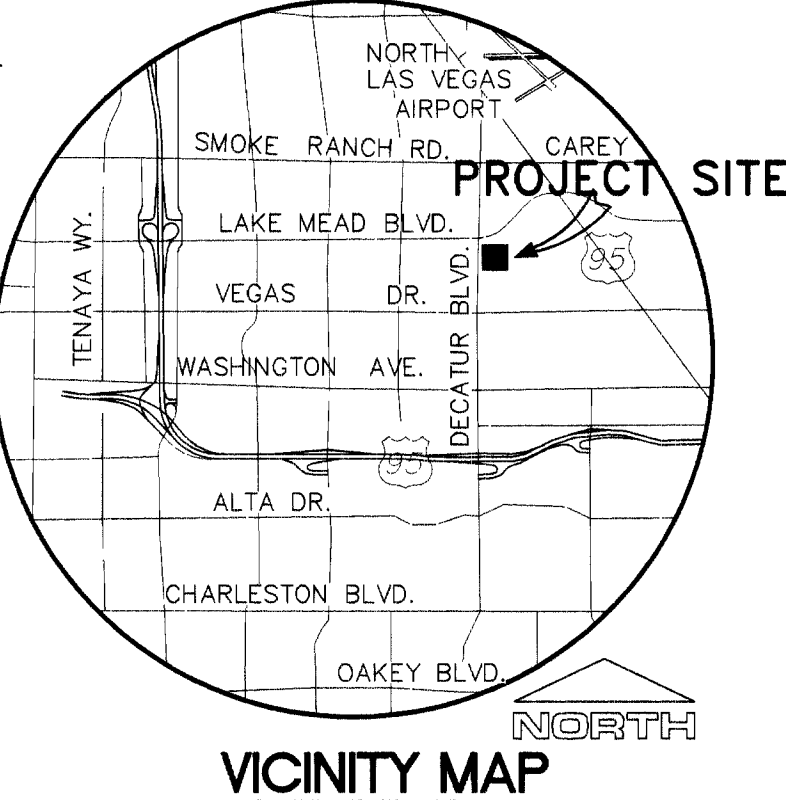
THE BASIS OF BEARINGS FOR THIS MAP IS NORTH 02° 21'33"EAST, BEING THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 19, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP, BEING FILE 57 OF PARCEL MAPS, PAGE 79.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK OLVO119W4 RIVET & PLATE S.E. CORNER OF EAST CURB RETURN DECATUR & LAKE MEAD 7205 R61E. ELEV. = 670.1618 M 2198.69 FEET

ESTIMATED QUANTITIES

ON-SITE	
2" AC PAVEMENT	1254 SY
CONCRETE BUMPERS	28 EA
HANDICAP SIGN	3 EA
REMOVED AREA LIGHT	1 EA



LEGEND

- ROADWAY CENTERLINE
- PROPERTY LINE
- EXISTING "A" CURB
- EXISTING BACK OF SIDEWALK
- EXISTING "L" CURB
- EXISTING PARKING STRIPE
- PROPOSED "A" CURB
- PROPOSED CMU WALL
- PROPOSED PIPE RAIL FENCE
- EDGE OF PAVEMENT
- PROPOSED SAWCUT LINE
- EXISTING STREET LIGHT
- PROPOSED BUMPER-BLOCKS
- EXISTING GRADE TAG
- PROPOSED GRADE TAG
- CONSTRUCTION NOTES

ABBREVIATIONS

AC	ASPHALTIC CONCRETE
BSW	BACK OF SIDEWALK
C	CONCRETE
CO	CLEAN OUT
EP	EXISTING EDGE OF PAVEMENT
FG	FINISHED GRADE
FS	FINISHED SURFACE
FL	FLOW LINE
GB	GRADE BREAK
INV	INVERT ELEVATION
NG	NATURAL GROUND
NTS	NOT TO SCALE
S	SANITARY SEWER
TC	TOP OF CURB
TYP	TYPICAL

SIDEWALK RAMP TABLE	
1	A=4.5; B=15
2	A=4.0; B=4.5

Job No.
FILE No.
REUSE OF DOCUMENTS
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APPROVED
REVISIONS
NO. DATE DESCRIPTION
1 1/26/97 CONSTRUCTION STORE - SEE LIST FOR TEST

DATE: 06-03-03
VERT. SCALE: 1" = 20'
HORIZ. SCALE: 1" = 20'
DRAWN BY: NU - JGR
CHECKED BY: DAD
SHEET: 4 of 4
FILE NO. 1070 3717

GRADING PLAN
SEC LAKE MEAD AND DECATUR
LAKE MEAD BLVD. AND DECATUR BLVD.

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