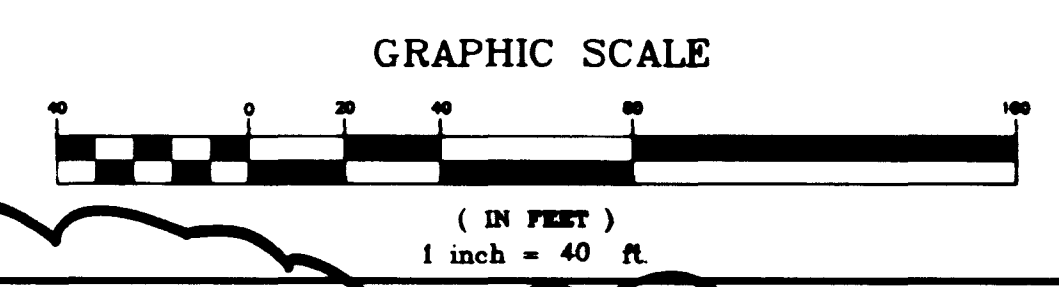


- CITY OF LAS VEGAS
GENERAL NOTES**
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
 - THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER, GAS AND/OR OTHER UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.
 - THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES, AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER OR OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
 - ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
 - TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION PRIOR TO USE ON THE PROJECT.
 - PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT OF WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
 - EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED TYPE CURB.
 - AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS.
 - APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.
 - CURB & GUTTER WITH A GRADE OF LESS THAN FOUR TENTHS OF ONE PERCENT SHALL BE WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION. ANY CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY SHALL BE REMOVED AND REPLACED.
 - SIDEWALK 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.
 - 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 NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS, OR AS DESIGNATED IN THE FIELD BY A CITY INSPECTOR.
 - ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE SOILS ENGINEER AND APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.
 - EXACT LOCATION OF ALL SAWCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS INSPECTOR IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATION.
 - 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 ACCORDANCE WITH N.R.S. STATUTE NO. 625.550.
 - UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND THE CITY ENGINEER.
 - WALL NOTES:
A. ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN FOR THE PURPOSE OF GRADING RELATIONSHIPS.
B. THE STRUCTURAL AND ARCHITECTURAL DESIGN OF ALL WALLS (RETAINING OR NON-RETAINING) MUST BE APPROVED BY THE CLV BUILDING DEPARTMENT.
 - ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT ON CITY STREETS.



BENCHMARK

1C90 32SES BEING A RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, 3' NORTHWEST OF STOP SIGN, 60' NORTH AND 30' WEST OF DURANGO DRIVE AND LONE MOUNTAIN ROAD.

ELEVATION = 2911.56' NAVD 88

BASIS OF BEARING

NORTH 01°17'55" EAST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN RECORDED IN FILE 51, ON PAGE 34, OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE.

- CONSTRUCTION NOTES**
- INSTALL 36" R1-1 SIGN W/ 9" D-3's.
 - INSTALL R8-3a AND R7-1ap.
 - INSTALL W14-2p (NO OUTLET PANEL) (MOUNT 2 BACK TO BACK)
 - INSTALL 2" STREETLIGHT CONDUIT
 - EXIST. PAVEMENT MARKINGS.
 - STUB AND CAP 2" CONDUIT.
 - INSTALL 0M3 25' O.C
 - CONST. HANDICAP RAMP PER CCASD NO. 235
 - SITELINE EASEMENT:
A=BEGIN AT STA. 17+15.48 TO 18+93.98 BEARING N 86°09'30" W 178.61'
B=BEGIN AT STA. 16+07.47 TO 16+52.98 BEARING N 85°38'51" E 45.79'
 - INSTALL TYPE 2 CENTERLINE AND REMOVE CONFLICTING MARKINGS
 - LOCATION OF EXISTING TRANSFORMER AND PROPOSED CONDUIT LAYOUT PER NEVADA POWER LINES DEPT.

**STREETLIGHT CIRCUIT
CAPACITY VERIFICATION**

SERVICE POINT CAPACITY = 60 AMPS
MAXIMUM ALLOWABLE DRAW = 48 AMPS
EXISTING CIRCUIT LOAD = 0 AMPS

PROPOSED LUMINAIRE LOAD TO CIRCUIT:
0-100 WATTS @ 1.0 AMPS = 0 AMPS
2-250 WATTS @ 1.5 AMPS = 3.0 AMPS
0-400 WATTS @ 3.9 AMPS = 0 AMPS

TOTAL PROPOSED LOAD = 3.0 AMPS
EXISTING PLUS PROPOSED LOAD = 3.0 AMPS
REMAINING AVAILABLE LOAD = 45 AMPS

SERVICE POINT: NORTHEAST CORNER AT LONE MTN. AND DURANGO; APPROX. 130' EAST OF SUBJECT SITE ON NORTHSIDE OF LONE MTN. RD. (CONTRACTOR TO VERIFY.)

CALCULATED BY: DAVE CUNNING DATE: 5/30/97
VERIFIED BY: DAVE CUNNING DATE: 5/30/97

Call before you Overhead
1-702-593-6111
NEVADA POWER EQUIPMENT AND SAFETY SERVICES DEPARTMENT

Call before you Dig
1-800-227-2600

**SITE AND TRAFFIC PLAN
FOR
DOMINION ESTATES**

APPROVED

DATE: 12/8/97

BY: [Signature]

REVISIONS:

NO.	DATE	DESCRIPTION
1	12/8/97	ADD CORNER ADD. PIEL CC PLANNING
2	12/8/97	CHANGE PERL
3	12/8/97	ADDITION OF CLV NOTES PER
4	12/8/97	ADDITION OF CLV BEAK

SCALE: 1"=40'

ACCT. NO. 30-22782
F.B. NO.
DESIGN V.B.
DRAWN V.B.
CHECKED V.B.
DATE 12/8/97

CRS
CONSULTING ENGINEERS OF NEVADA, INC.
CALDWELL RICHARDS SPERBERG
4280 S. MARLAND PARKWAY
LAS VEGAS, NEVADA 89119
PHONE (702) 737-3394
FAX (702) 737-3394

DAVID D. WILSON
CIVIL
1/30/98

SHEET C4 OF 9
DRWG. NO. 2782

1074-4530

