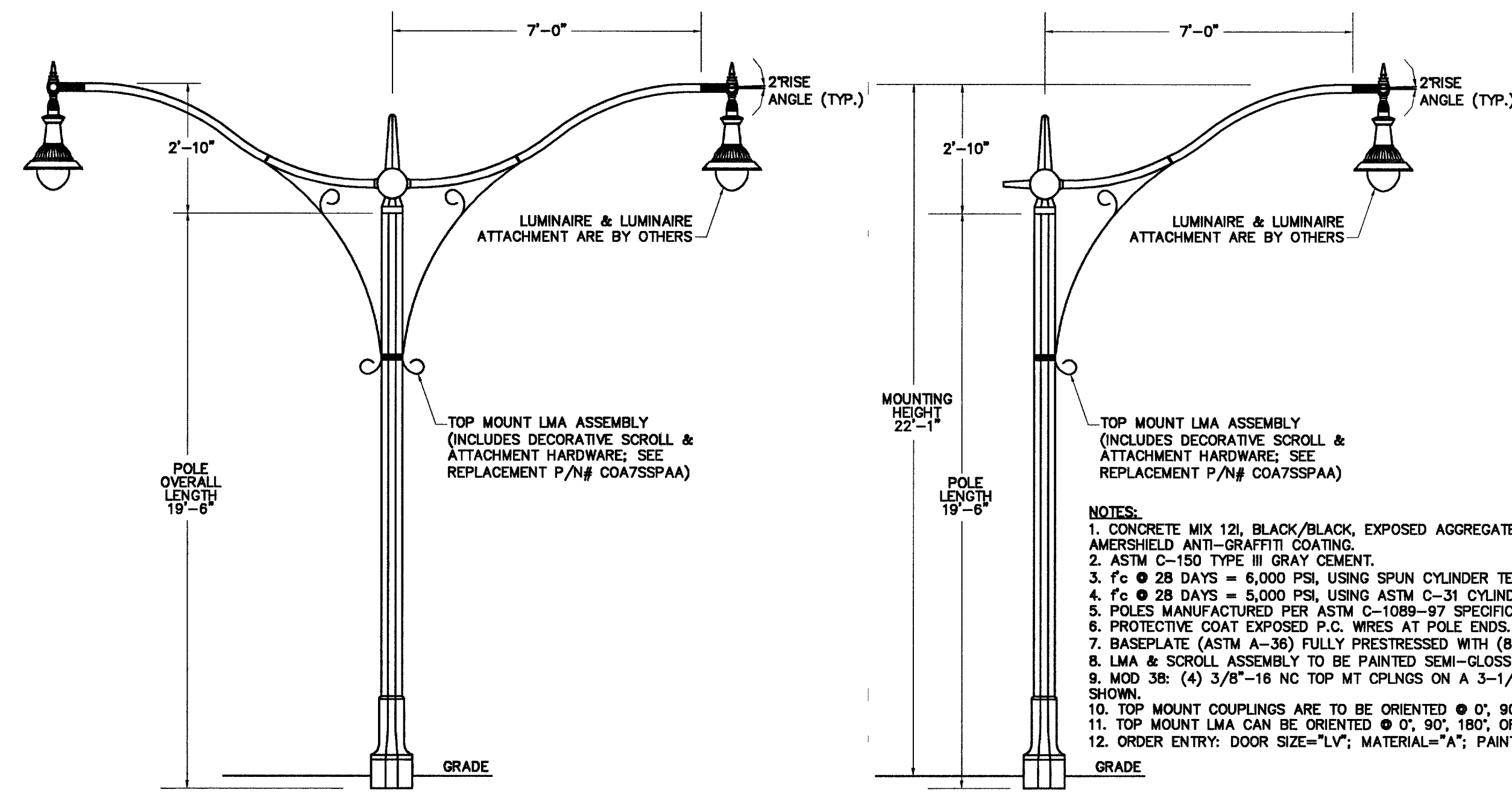
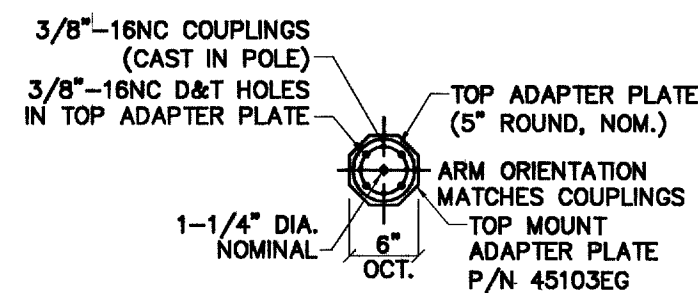
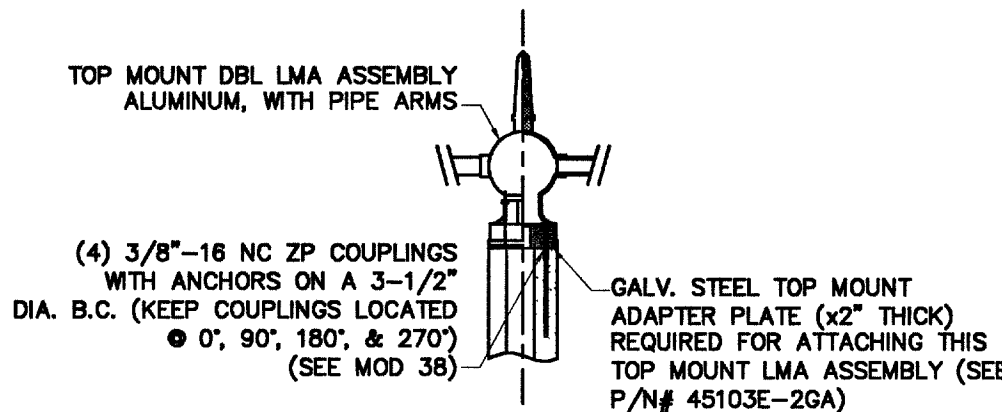


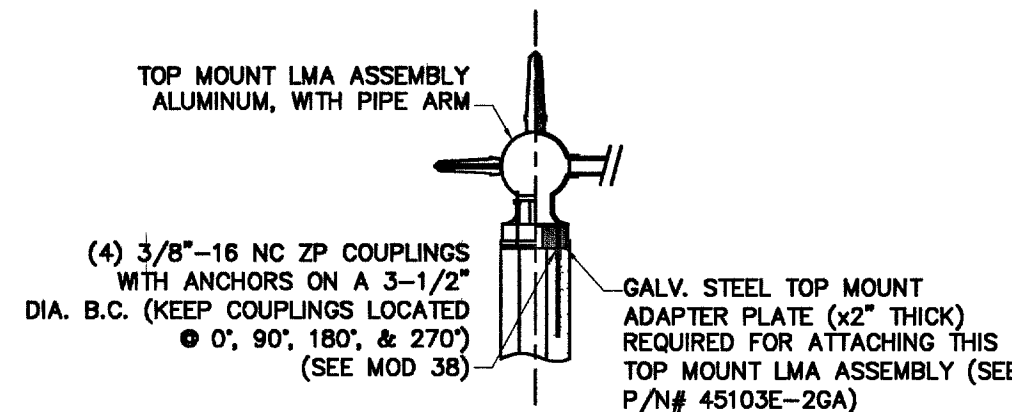
DUAL LIGHT POLE DETAIL
NOT TO SCALE



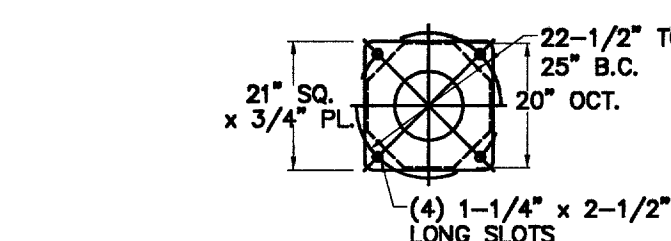
POLE TOP DETAIL
NOT TO SCALE



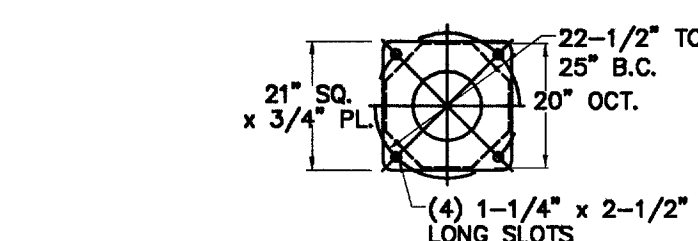
TOP MOUNT DETAIL



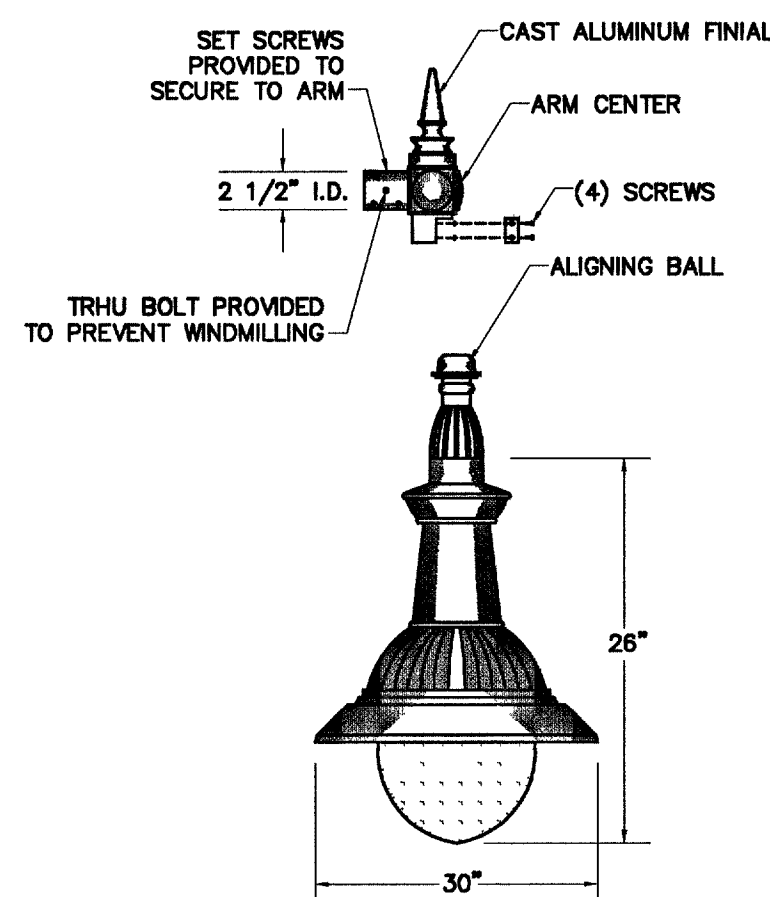
TOP MOUNT DETAIL



BASE DETAIL



BASE DETAIL



SPECIFICATIONS:

LUMINAIRE: HOUSING - HEAVY WALL CAST ALUMINUM CONSTRUCTION WITH REMOVABLE BALLAST TRAY FOR EASY BALLAST ACCESS.
REFLECTOR - HEAVY WALL ALUMINUM CONSTRUCTION INSIDE OF REFLECTOR FINISHED WITH HIGH GLOSS WHITE ENAMEL.

OPTICS: CLEAR PRISMATIC GLASS DIFFUSER PROVIDES TYPE V (SYMMETRIC) OR TYPE III (ASYMMETRIC) LIGHT DISTRIBUTION. DIFFUSER SUPPLIED IN HINGED CAST ALUMINUM GASKETED DOOR, AND A HOUSE SIDE SHIELD.

LAMP HOLDER: MOGUL BASE PORCELAIN.

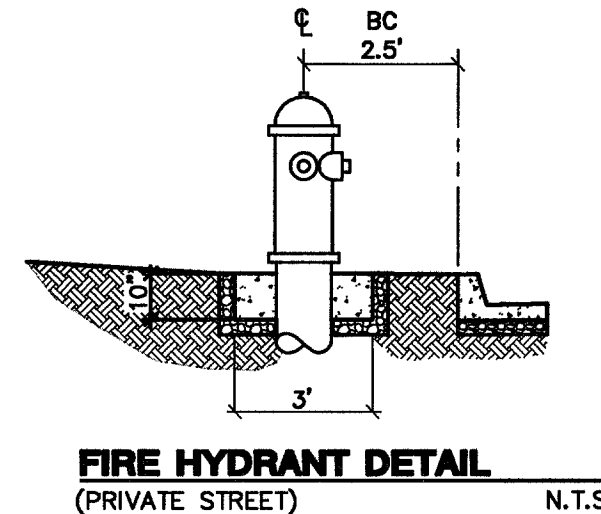
LAMP: 100 W. H.P.S. (BY OTHERS)

BALLAST: H.P.F./C.W.A. AUTOTRANSFORMER, -20" STARTING TEMPERATURE. (SPECIFY VOLTAGE)

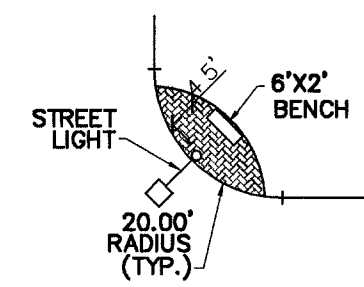
FINISH: ELECTROSTATICALLY APPLIED BAKED ON TEXTURED ACRYLIC ENAMEL (SPECIFY COLOR)

CITY OF LAS VEGAS TRAFFIC NOTES

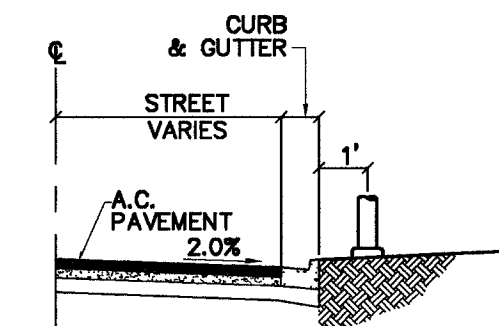
- ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK", LATEST EDITION, AND TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
- THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE PLANNING DEPARTMENT PRIOR TO CONSTRUCTION.
- BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING CITY STREETS WHERE WARRANTED IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
- WHEN A DESIGNATED "SAFE ROUTE TO SCHOOL" IS ENCLOSED UPON BY A CONSTRUCTION WORK ZONE AND PUBLIC WORKS STAFF IDENTIFIES A NEED FOR STUDENTS TO BE ASSISTED IN THE SAFE CROSSING THROUGH THAT WORK ZONE, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A QUALIFIED "CROSSING GUARD", THE GUARD SHALL BE PRESENT FOR THE FULL DURATION OF TIME THAT CHILDREN ARE LIKELY TO BE PRESENT.
- IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTIONS, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGNS SHOWN ON THE PLANS. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CURRENT CITY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY STANDARDS.
- WHEN A PROPOSED STREET LIGHT STANDARD IS LOCATED WITHIN FIVE (5') FEET OF ANY PROPOSED SIGN SHOWN ON THE PLANS TO BE MOUNTED ON A SIGNPOST, THE SIGN SHALL BE MOUNTED ON THE STREET LIGHT STANDARD AND SIGNPOST SHALL BE ELIMINATED.
- ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
- STREET SIGNS AND STOP SIGNS SHALL BE INSTALLED PER CITY STANDARD SPECIFICATIONS FOR PLACEMENT OF STREET NAME SIGNS.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES AND FLAGGERS TO ENSURE THE SAFETY OF THE PUBLIC IN OR AROUND THE WORK AREA. THE CONTRACTOR SHALL HAVE A CERTIFIED ATSSA TRAFFIC CONTROL TECHNICIAN OR IMSA WORK ZONE SAFETY SPECIALIST SETUP, MAINTAIN, AND/OR REMOVE ALL TRAFFIC CONTROL DEVICES IN THE CITY OF LAS VEGAS RIGHTS-OF-WAY.
- WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE EXPEDITED TO COMPLETION SO AS PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO TRAVELING PUBLIC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING CITIZENS AREA TRANSIT (C.A.T.) IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET TO ARRANGE FOR TEMPORARY RELOCATION OF STOP.
- GUARDS SHALL BE OBTAINED BY CONTACTING THE METROPOLITAN POLICE DEPARTMENT SPECIAL EVENTS UNIT (PHONE NO. IS 229.3442) WHO WILL PROVIDE OFFICERS PROPERLY TRAINED IN TRAFFIC CONTROL. FEES FOR THE USE OF THESE OFFICERS SHALL BE SET UP BY METRO AND WILL BE PAID BY CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL ARRANGEMENTS WITH METRO.
- ANY WORK WITHIN 300' OF A SIGNALIZED INTERSECTION WILL BE NIGHT WORK, UNLESS DIRECTED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEER.



FIRE HYDRANT DETAIL
(PRIVATE STREET) N.T.S.



TYPICAL STREET LIGHT LOCATION DETAIL
N.T.S.



STREET LIGHT DETAIL
N.T.S.

TRAFFIC DELINEATION LEGEND

- INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKERS ADJACENT TO THE FIRE HYDRANT.
- SIGHT VISIBILITY ZONES (TYP.) NOTHING OVER 24" IN SIGHT VISIBILITY ZONES
- DRIVEWAY LOCATION (SCHEMATIC)

STREET LIGHT & SIGNAGE LEGEND/ QUANTITIES

- 100 WATT H.P.S. (PRIVATE) 15 EA.
- 2" ST. LT. CONDUIT 1,800.80 LF.
- INSTALL 200 AMP SERVICE PEDESTAL 1 EA.
- INSTALL #3/4 PULLBOX 9 EA.
- INSTALL 36" R1-1 "STOP" SIGN & (2) 12" D3 "STREET NAME" SIGNS MASINO ST.
- INSTALL 30" R1-1 "STOP" SIGN & (2) 9" D3 "STREET NAME" SIGNS PRIVATE STREETS-STREET NAME SIGNS SHALL BE BROWN BACKGROUND WITH WHITE LETTERS MASINO ST.
- INSTALL OM4-1 "END OF ROAD" MARKERS (TYP.)
- INSTALL (2) D3 "STREET NAME" SIGNS PRIVATE STREETS-STREET NAME SIGNS SHALL BE BROWN BACKGROUND WITH WHITE LETTERS MASINO ST.

PROJECT BENCHMARK

DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88S)
CITY OF LAS VEGAS BENCHMARK: BLV99:13SES
NAV88 ELEVATION: 869.606 METERS (2853.03 FEET)
RIVET AND PLATE IN CONCRETE CYPINDER NW CORNER OF HUALAPAI AND ELKHORN
NOTE: WHEN THE SURVEYING FOR THIS PROJECT BEGAN, THE ABOVE REFERENCED BENCHMARK BLV99:13SES WAS NOT PUBLISHED, THE BASIS FOR THE DATUM FOR THIS PROJECT IS SHOWN ON RECORD OF SURVEY FILE 124, PAGE 94, CLARK COUNTY BENCHMARK 1C00-6N6, WHICH AT THE TIME OF THE ORIGINAL SURVEY (PRIOR TO THE CURRENT 2003 COUNTY BENCHMARK PUBLISHING) HAD AN ELEVATION OF 2584.61 FEET. TO CONVERT THE CURRENT CITY OF LAS VEGAS BENCHMARK BLV99:13SES TO MATCH THE ORIGINAL PROJECT DATUM, 0.34' NEEDS TO BE ADDED TO THE ELEVATION OF 2853.03 FEET.

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 00°08'16" EAST BEING THE EAST LINE OF THE NORTHWEST QUARTER (NE 1/4) OF THE SECTION 24, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE IN FILE 123 AT PAGE 32.

CONTRACTOR NOTE

CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING IMPROVEMENTS UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

PRIVATE STREET NOTE:

PRIVATE STREETS AND PRIVATE DRIVES ARE P.U.E.S. C.I.V. PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED.

FIRE HYDRANT MARKER NOTE:

- BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKERS ARE TO BE INSTALLED:
- 1. ON ROADWAYS WITH NO PARKING PERMITTED ON HYDRANT SIDE; LOCATE MARKER 8' FROM FACE OF CURB ON HYDRANT SIDE.
- 2. ON ROADWAYS WITH PARKING PERMITTED ON HYDRANT SIDE; LOCATE MARKER 16' FROM FACE OF CURB ON HYDRANT SIDE.

Call before you dig
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-6811
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

Call before you Overhead
1-702-227-2829

Call before you Dig
1-800-227-2800

APPROVAL:

Robert C. Hosea III
NEVADA POWER COMPANY
NEVADA POWER COMPANY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NEVADA POWER COMPANY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

KIMBALL HILL

8 SUNSET WAY, SUITE 101
HENDERSON, NEVADA 89014
(702) 436-4582

TRAFFIC/STREETLIGHT NOTES AND DETAILS SHEET

DRAWN BY: TP
DESIGNED BY: TP
CHECKED BY: CRG
PROJECT NO: 10112
SCALE: 1"=30' HORZ. 1"=4' VERT.

EXPIRES 06-30-07
PROFESSIONAL ENGINEER
ROBERT C. HOSEA III
CIVIL
10-12-05
SHEET
TR5
51 OF 52 SHEETS
DRAWING NO. 1074488-1