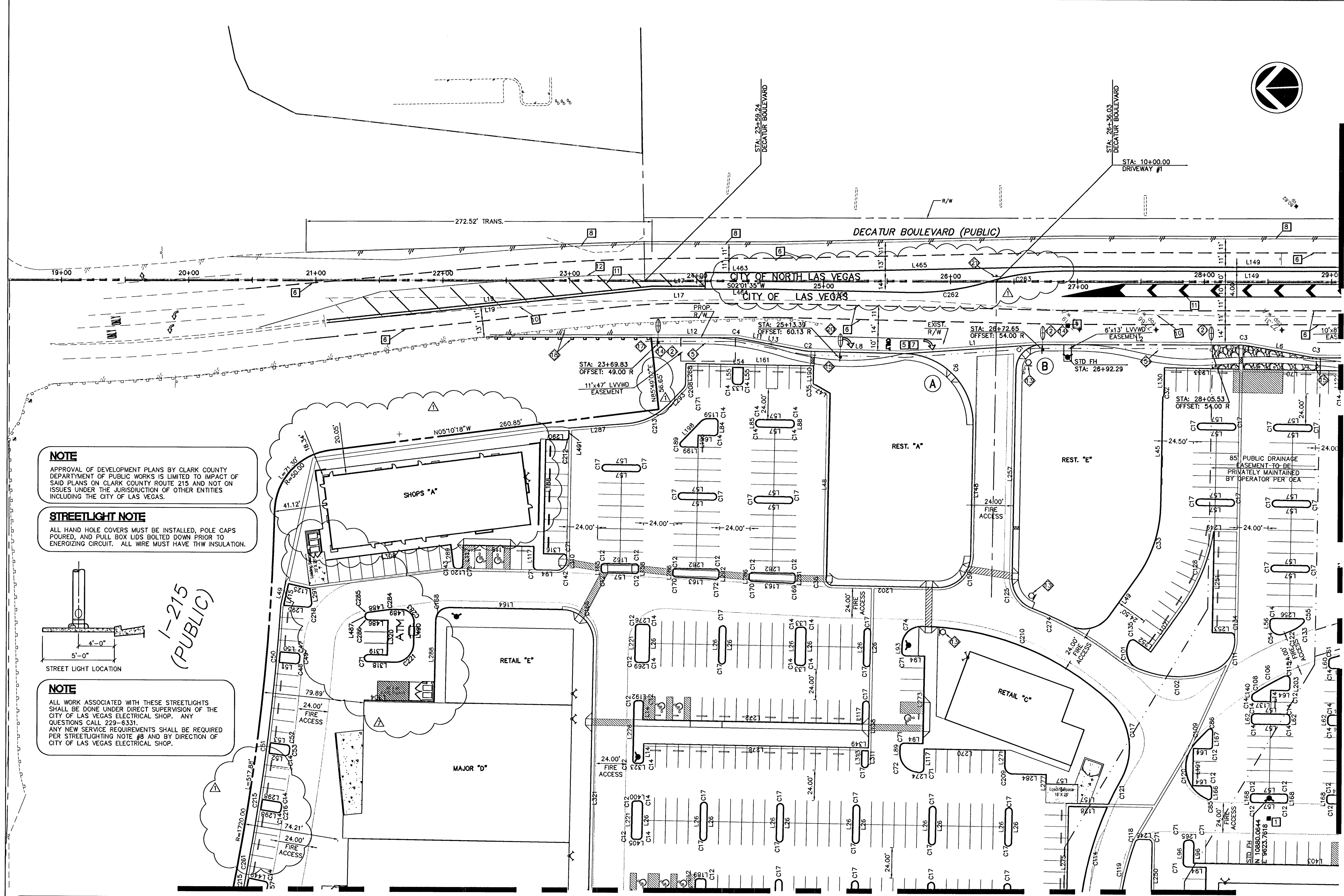
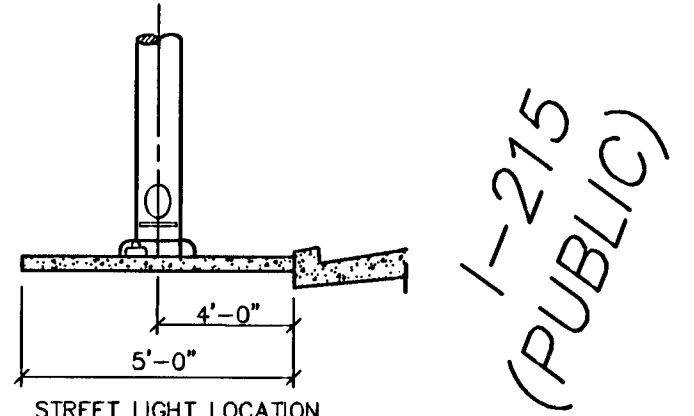




NOTE
APPROVAL OF DEVELOPMENT PLANS BY CLARK COUNTY DEPARTMENT OF PUBLIC WORKS IS LIMITED TO IMPACT OF SAID PLANS ON CLARK COUNTY ROUTE 215 AND NOT ON ISSUES UNDER THE JURISDICTION OF OTHER ENTITIES INCLUDING THE CITY OF LAS VEGAS.

STREETLIGHT NOTE
ALL HAND HOLE COVERS MUST BE INSTALLED, POLE CAPS POURED, AND PULL BOX LIDS BOLTED DOWN PRIOR TO ENERGIZING CIRCUIT. ALL WIRE MUST HAVE THW INSULATION.



NOTE
ALL WORK ASSOCIATED WITH THESE STREETLIGHTS SHALL BE DONE UNDER DIRECT SUPERVISION OF THE CITY OF LAS VEGAS ELECTRICAL SHOP. ANY QUESTIONS CALL 222-6331. ANY NEW SERVICE REQUIREMENTS SHALL BE REQUIRED PER STREETLIGHTING NOTE #8 AND BY DIRECTION OF CITY OF LAS VEGAS ELECTRICAL SHOP.

STREET LIGHT CIRCUIT CAPACITY VERIFICATION

CIRCUIT "A" SERVICE POINT CAPACITY = 60 AMPS MAXIMUM ALLOWABLE DRAW (8) x 60 AMPS = 48 AMPS EXISTING CIRCUIT LOAD 0 AMPS PROPOSED LUMINAIRE LOAD TO CIRCUIT: 0 - 100 WATT @ 1.0 AMPS EACH = 0 AMPS 0 - 150 WATT @ 1.5 AMPS EACH = 0 AMPS 3 - 200 WATT @ 2.0 AMPS EACH = 6 AMPS 5 - 250 WATT @ 2.0 AMPS EACH = 10 AMPS 0 - 400 WATT @ 3.5 AMPS EACH = 0 AMPS TOTAL PROPOSED LOAD = 16 AMPS		EXISTING PLUS PROPOSED LOAD = 16 AMPS REMAINING AVAILABLE LOAD = 22 AMPS SERVICE POINT: SOUTH OF RICE AVENUE ON DECATUR BOULEVARD CALC'D BY KELLY STRUBLE DATE 03/17/08 FIELD TESTED BY _____ DATE _____	
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HORIZONTAL CONTROL NOTE
SEE SHEET 40 FOR CURB TABLE INFORMATION.

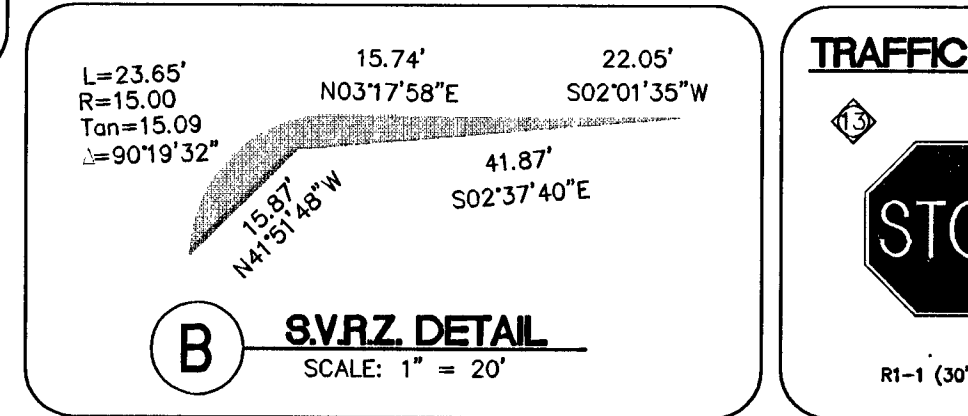
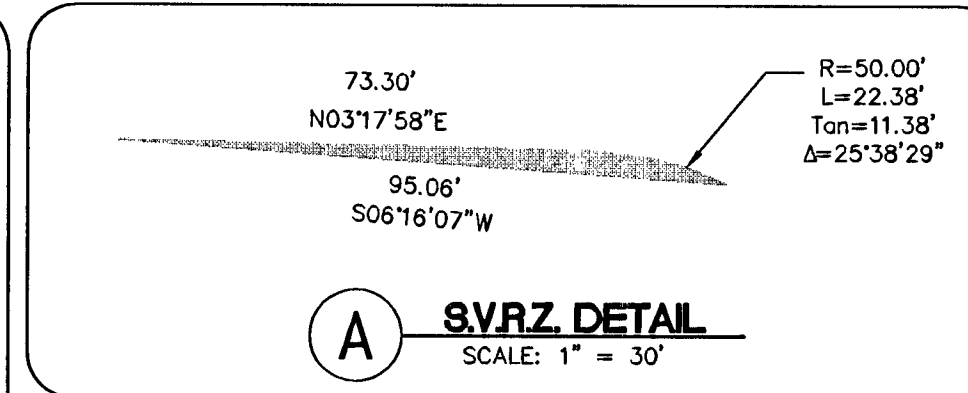
NOTE
SEE SHEETS 44 & 45 FOR F.A.S.T. CONDUIT INFORMATION.

NOTICE TO CONTRACTOR I
EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

AVOID CUTTING UNDERGROUND POWER LINES. IT'S COSTLY.
CALL before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

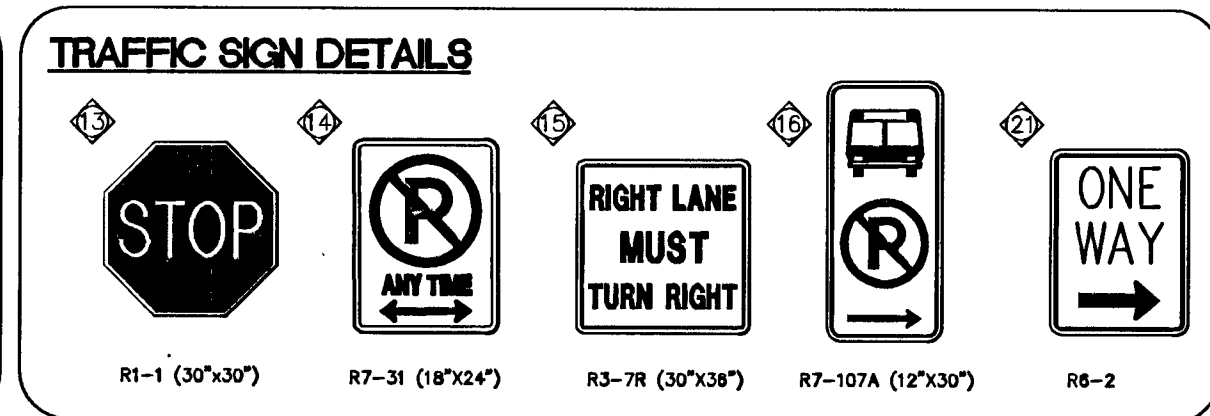


SVRZ NOTES
NO WALL, FENCES, TREES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT OTHER THAN TRAFFIC CONTROL DEVICES AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24 INCHES IN HEIGHT, MEASURED FROM TOP OF CURB OR WHERE NO CURB EXISTS, A HEIGHT OF 27 INCHES MEASURED FROM THE TOP OF ADJACENT GRAVEL OR PAVEMENT STREET SURFACE.

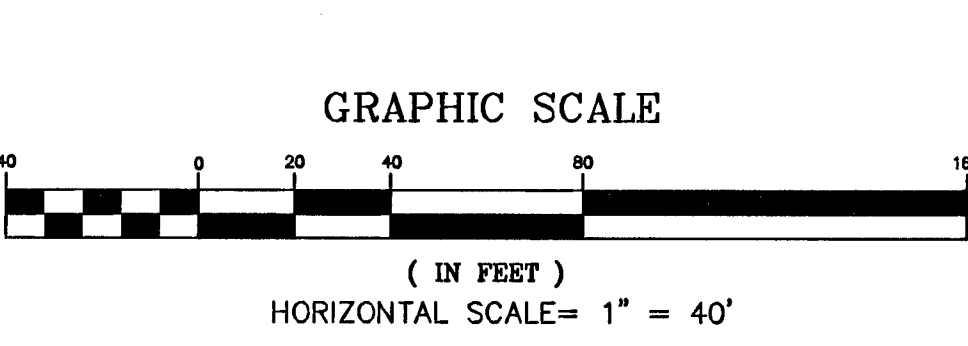
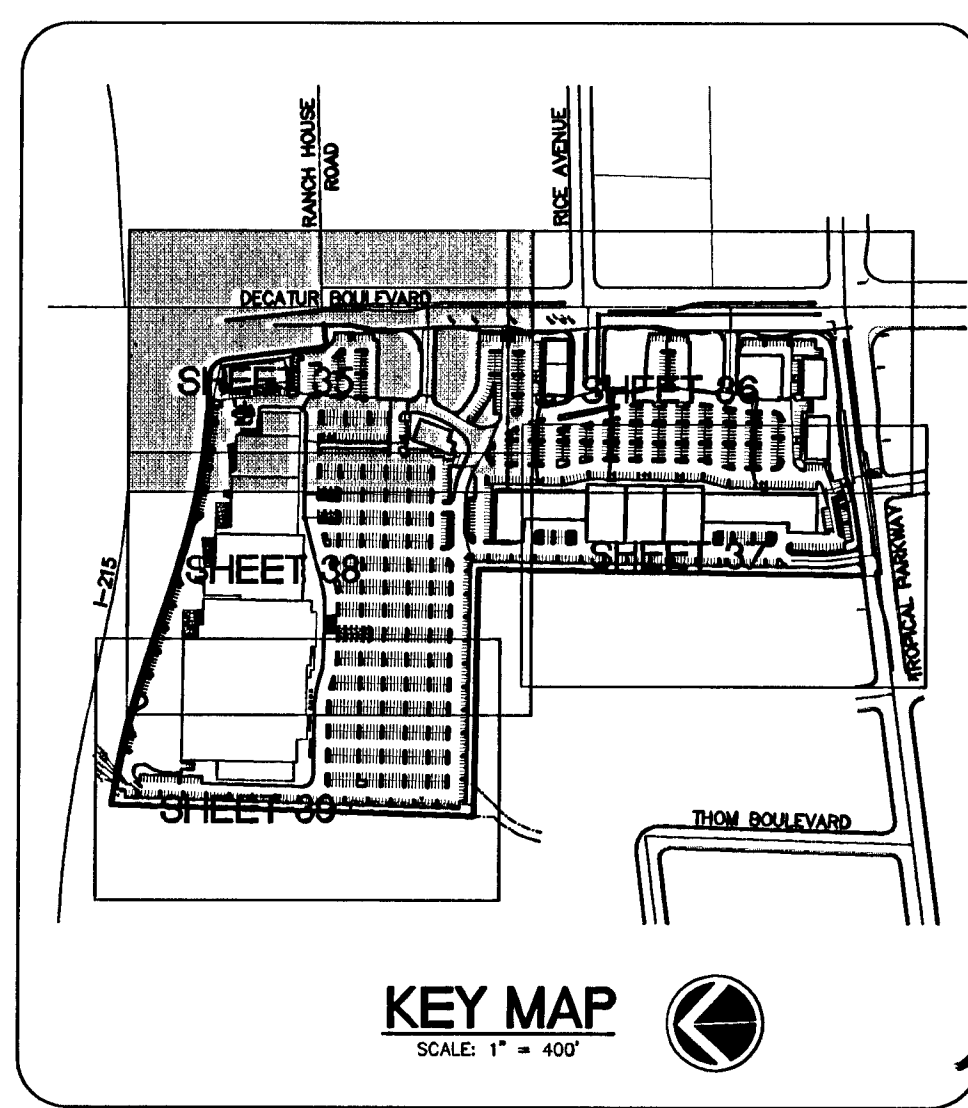


BASIS OF BEARING
NORTH 02°01'35" EAST BEING THE CENTERLINE OF DECATUR BLVD. BETWEEN TROPICAL PARKWAY AND CENTENNIAL PARKWAY IN THE NORTHWEST QUARTER
(NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN FILE 90 OF PARCEL MAPS PAGE 69.

BENCHMARK
CITY OF LAS VEGAS VERTICAL CONTROL
RIVET AND PLATE IN TOP OF CURB NW CORNER OF TROPICAL PARKWAY & THOM
STATION 8LV90
ELEVATION= 697.5653 METERS (NAV88)
2288.60 FEET



LEGEND	
2" STREETLIGHT CONDUIT	---
PROPOSED RIGHT OF WAY	---
EXISTING RIGHT OF WAY	---
PROPERTY LINE	---
CENTER LINE	---
EXISTING CURB & GUTTER	---
EXIST. STREETLIGHT	○
PROPOSED STREETLIGHT (200W HPS LUM.)	○
PROPOSED STREETLIGHT (250W HPS LUM.)	○
PROPOSED STREETLIGHT (400W HPS LUM.)	○
PROPOSED FIRE HYDRANT	○
STOP SIGN	○
TRAFFIC SIGN	○
FIRE HYDRANT BLUE REFLECTIVE MARKER	○
S.V.R.Z. DETAIL NUMBER	○
SIGHT VISIBILITY RESTRICTED ZONE	○



CONSTRUCTION NOTES AND QUANTITIES	
1. INSTALL 200 W HPS STREET LIGHT AND FOUNDATION PER CCA STD DWG. No. 314, No. 320 & No. 321	3 EA.
2. INSTALL 250 W HPS STREET LIGHT AND FOUNDATION W/ 8" WAS ARM PER CCA STD DWG. No. 314, No. 320 & No. 321	5 EA.
3. INSTALL NO. 3-1/2 PULL BOX	1 EA.
4. INSTALL P-30 PULL BOX WITH INSCRIPTION "FIBER OPTICS"	2 EA.
5. INSTALL 2" STREETLIGHT CONDUIT W/ 2-#4, 1-#8 THW WIRE	2,168 LF±
6. INSTALL 3" F.A.S.T. CONDUIT	605 LF±
7. INSTALL 4" F.A.S.T. CONDUIT & 72 STRAND FIBER OPTIC TRUNK LINE	1,327 LF±
8. CONNECT TO EXISTING 1 1/4" STREETLIGHT CONDUIT	
9. NOT USED	
10. INSTALL CONTROL CABINET	2 EA.
11. INSTALL 200 AMP SERVICE PEDESTAL	1 EA.
12. INSTALL NO. 7 PULL BOX	6 EA.
13. INSTALL R1-1 "STOP" SIGN (30"x30")	4 EA.
14. INSTALL R-71APR "NO PARKING ANY TIME" SIGN (18"x24")	8 EA.
15. INSTALL R3-7R "RIGHT LANE MUST TURN RIGHT" SIGN (30"x36")	6 EA.
16. INSTALL R7-107A "NO PARKING BUS STOP" SIGN (12"x30")	2 EA.
17. STUB AND CAP STREETLIGHT CONDUIT 5' PAST W/ 1-#8 PULLWIRE	3 EA.
18. RELOCATE EX. GUARD RAIL PER NDOT STD DWG. NO. R-8.2.2130 LF±	
19. CONNECT TO EX. CONDUIT	
20. INSTALL 250 W HPS STREET LIGHT AND FOUNDATION W/ 15" WAS ARM PER CCA STD DWG. No. 314, No. 320 & No. 321	4 EA.
21. INSTALL R6-2 "ONE WAY" SIGN	3 EA.
22. INSTALL NO. 5 PULL BOX	3 EA.

PAVEMENT CONSTRUCTION NOTES
1. INSTALL BLUE COLORED RAISED PAVEMENT MARKERS ADJACENT TO THE FIRE HYDRANT ON ALL IMPROVED FIRE APPARATUS ACCESS ROADWAYS WITH HARD SURFACES, INCLUDING BOTH PUBLIC AND PRIVATE ROADS, STREETS, OR FIRE LANES.
2. ON ROADWAYS WITH NO PARKING PERMITTED ON THE HYDRANT SIDE; EIGHT (8) FEET FROM THE FACE OF THE CURB ON THE HYDRANT SIDE.
3. ON ROADWAYS WITH PARKING PERMITTED ON THE HYDRANT SIDE; SIXTEEN (16) FEET FROM THE FACE OF THE CURB ON THE HYDRANT SIDE.
4. INSTALL 24" SOLID WHITE PAINT STOP BAR
5. INSTALL CROSSWALK MARKINGS PER CCA STD DWG No. 254A
6. INSTALL FORCED LEFT TURN LANE PAVEMENT MARKERS PER CCA STD DWG No. 246A
7. INSTALL RIGHT TURN LANE PAVEMENT MARKERS PER CCA STD DWG No. 246
8. INSTALL PAVEMENT DELINEATION PATTERN USING RAISED PAVEMENT MARKERS PER CCA STD DWG. No. 244A, TYPE 4 LANE LINE
9. INSTALL "BUSES ONLY" PAVEMENT MARKERS PER CCA STD DWG No. 234.1
10. INSTALL 4" WHITE PAINTED EDGE LINE
11. INSTALL 8" WHITE PAINTED EDGE LINE
12. REMOVE EXIST. STRIPING
13. INSTALL PAVEMENT STRIPING PER CCA STD. DEG. NO. 245
14. INSTALL 8" YELLOW PAINTED EDGE LINE
NOTE:
RAISED PAVEMENT MARKERS SHALL BE CERAMIC. ALL PAINT MATERIAL SHALL BE 2-PART EPOXY.

ENGINEER
KENT E. ANDERSON
Professional Engineer
No. 6012
Stamp Date: 10-30-08

3610 North Ranch Drive
Las Vegas, Nevada 89130
Telephone: (702) 648-8700
Fax: (702) 648-4143

ENGINEERING
SOUTHWEST
LAND PLANNING • SURVEYING • DEVELOPMENT

NEVADA

PROJECT
TRAFFIC, STREETLIGHT AND HORIZONTAL CONTROL
PLAN I

CITY OF LAS VEGAS
DECATUR & TROPICAL
DECATUR 215, I/C

WORK ORDER NO.
070819

DESIGN BY:
KDS

DRAWN BY:
KDS/MK

DATE:
Oct 23, 2008

SCALE:
1" = 40'

SHEET 35 OF 45 SHEETS

CLV DWG NO.
107Y4968