

C:\Vtron\Drawings\007-097-ann_durango\Drawings\Improvements\1_007-097-imp-Traffic.dwg chere Tue, 19 Jul 2016 - 9:50am

BASIS OF BEARING

SOUTH 00°33'19" EAST BEING THE BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 101 OF SURVEYS, AT PAGE 47.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK: SLV90 29SES
A RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF ANN ROAD AND DURANGO DRIVE.
ELEVATION=747.621 Meters (NAVD'88)
ELEVATION=2452.82 US Survey Feet (NAVD'88 2008 ADJUSTMENT)



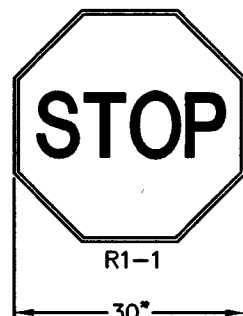
Call before you Dig
Avoid cutting underground utility lines. It's costly.
1-702-227-2929

Call before you Dig
Avoid cutting underground utility lines. It's costly.
811
1-800-227-2600

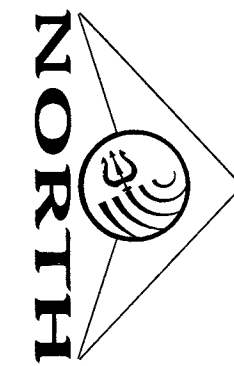
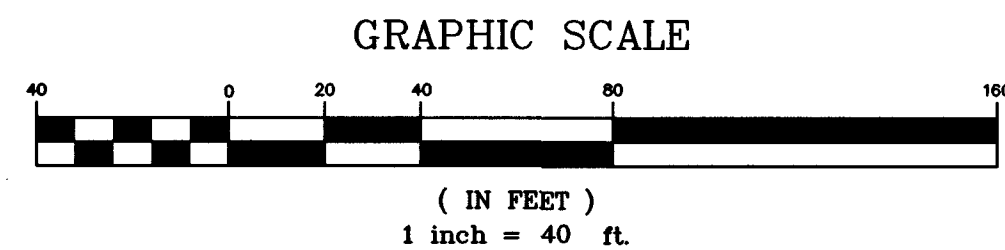
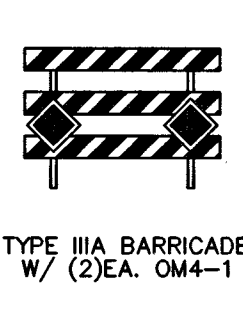
TRAFFIC SIGN GRAPHICAL DEPICTION

NOT TO SCALE

Main ST 400
9" (MINOR STREETS)
N Main ST 400
12" (MAJOR STREETS)



SPEED LIMIT 35
R2-1



SIGN SALVAGE NOTES

REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS), UNDER CITY OF LAS VEGAS JURISDICTION, THAT ARE DISTURBED, DESTROYED, REMOVED OR MODIFIED BY TRENCHING ACTIVITY TO CLARK COUNTY'S SATISFACTION. ALL MATERIAL USED SHALL MEET CITY OF LAS VEGAS' SPECIFICATIONS OR WILL BE AN APPROVED EQUIVALENT.

CONTRACTOR SHALL EXERCISE CARE WITH ALL SALVAGED ITEMS AND SHALL ASSUME THAT ITEMS WILL BE USED AGAIN BY CITY OF LAS VEGAS. ALL SALVAGED EQUIPMENT SHALL HAVE ALL COMPONENTS INCLUDED AND DISASSEMBLED FROM THEIR MAIN COMPONENTS. ANY ITEMS TO BE RETURNED TO CITY OF LAS VEGAS TRAFFIC OPERATIONS SHALL INCLUDE A TRANSMITTAL FORM WITH THE CONTRACTOR'S COMPANY LETTERHEAD. THE TRANSMITTAL FORM SHALL INCLUDE THE ASSOCIATED PROJECT NAME AND NUMBER, AND A LIST OF THE ITEMS AND THE QUANTITIES OF ITEMS BEING RETURNED. CONTRACTOR SHALL CALL (702) 227-2929 TO MAKE AN APPOINTMENT FOR DROPPING OF SALVAGED ITEMS.

STREETLIGHT CIRCUIT CAPACITY VERIFICATION FOR CIRCUIT "A"			
IS THERE AN EXISTING SERVICE PEDESTAL IN THE FIELD (NOT PROPOSED) ADJACENT TO THIS PROPERTY THAT MIGHT BE ABLE TO BE USED TO POWER THIS PROJECT'S STREETLIGHTS? (CIRCLE)	YES	CONTACT CITY OF LAS VEGAS TRAFFIC ENGINEERING DIVISION AT 702-229-6327 TO PERFORM CIRCUIT CAPACITY VERIFICATION.	
	NO	INSTALL A NEW SERVICE PEDESTAL.	

SERVICE PEDESTAL LOCATION: NORTH DURANGO DRIVE - 15+33.85
CITY OF LAS VEGAS (COMPLETE IF EXISTING SERVICE):

DATE OF CAPACITY VERIFICATION: -
ENGINEER OF OFFSITE PLANS:

PERSON WHO DID THE CALCULATIONS: D. IVANOV
CONSULTING ENGINEERING FIRM: TRITON ENGINEERING

CAPACITY CALCULATIONS			
1	CIRCUIT CAPACITY	60	AMPS
2	MAXIMUM CONTINUOUS CURRENT DRAW (80%)	48	AMPS
3	EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	0	AMPS
4	AVAILABLE (2 MINUS 3)	48	AMPS

PROPOSED LUMINAIRE LOAD TO CIRCUIT			
5	0	NUMBER OF 100W STLT'S @ 1.0 AMPS/EA	0
6	6	NUMBER OF 250W STLT'S @ 1.5 AMPS/EA	9
7		TOTAL PROPOSED ADDITIONAL LOAD (5 + 6)	9
		REMAINING AVAILABLE LOAD (4 MINUS 7)	39

SVZ NOTE

FROM USD 201.2, NOTE #2:
NO WALLS, FENCES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL DEVICES, FIRE HYDRANTS, TREES, 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 ASPHALT, GRAVEL, OR PAVEMENT STREET SURFACE. THIS RESTRICTION EXTENDS ALONG THE SIGHT VISIBILITY LINE THROUGH LANDSCAPE MEDIANS.

SVZ DIMENSION		SVZ LINE TABLE	
C=11'	D=95'	L15	86.23' S52°7'04"E
A=106'	B=11'	L16	93.70' N81°37'32"E
C=11'	D=97'	L17	101.14' S85°59'19"E

LINE TABLE		
LINE	LENGTH	BEARING
L9	3.00'	N88°48'52"W
L10	20.22'	S11°08'37"W
L11	150.38'	S31°5'32"W
L12	121.95'	S03°31'9"E
L13	44.42'	S87°44'29"W
L14	3.00'	S22°27'26"E

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C10	088°17'48"	51.00'	78.59'

CONSTRUCTION NOTES

- INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKER 16" FROM CURB FACE ADJACENT TO THE HYDRANT.
- EXISTING R1-1 STOP SIGN AND STREET NAME SIGNS TO BE RE-LOCATED.
- INSTALL 30" R1-1 STOP SIGN AND (2) 9" D-3 STREET NAME SIGNS. (PRIVATE STREET NAME SIGNS TO BE WHITE LETTERING ON BROWN BACKGROUND).
- INSTALL W14-2 SIGN, "NO OUTLET."
- EXISTING R3-17 & R3-17BP SIGNS TO BE REMOVED AND RETURNED TO THE CITY OF LAS VEGAS.
- INSTALL PUBLIC L.E.D. STREETLIGHT AND FOUNDATION (250 WATT EQUIVALENT), PER CCAUSD #314, #320 AND #321.
- INSTALL PUBLIC 200 AMP SERVICE PEDESTAL & FOUNDATION, PER CCAUSD #300, #331, #332.S2 AND #335.S2.
- INSTALL PUBLIC 1 1/4" STILT CONDUIT WITH (2) #4 & (1) #8 THW COPPER CONDUCTORS.
- INSTALL NO. 3 1/2 CONCRETE PULLBOX WITH METAL COVER PER CCAUSD #326, #327 & #328.
- STUB AND CAP CONDUIT 5' BEYOND BOUNDARY.
- INSTALL 8" WIDE WHITE PAINTED LINE, 1' FROM EDGE OF PAVEMENT.
- EXISTING STRIPING AND MARKINGS TO REMAIN INSCRIBED ON LID.
- INSTALL 24" WIDE YELLOW CHEVRON STRIPES AT 25' O.C.
- EXISTING LANE STRIPING REMOVED DURING CONSTRUCTION TO BE REPLACED PER CCAUSD #244-1.
- PORTION OF EXISTING DOUBLE SOLID YELLOW LINE STRIPES REMOVED DURING CONSTRUCTION TO BE REPLACED WITH DOUBLE SOLID YELLOW LINE STRIPES.
- EXISTING ARROW SYMBOL PAVEMENT MARKING REMOVED DURING CONSTRUCTION TO BE REPLACED.
- INSTALL (2) EA. TYPE IIIA BARRICADES WITH (2) EA. OM4-1 SIGNS.
- INSTALL 4" FAST CONDUIT WITH #8 BARE TRACER WIRE.

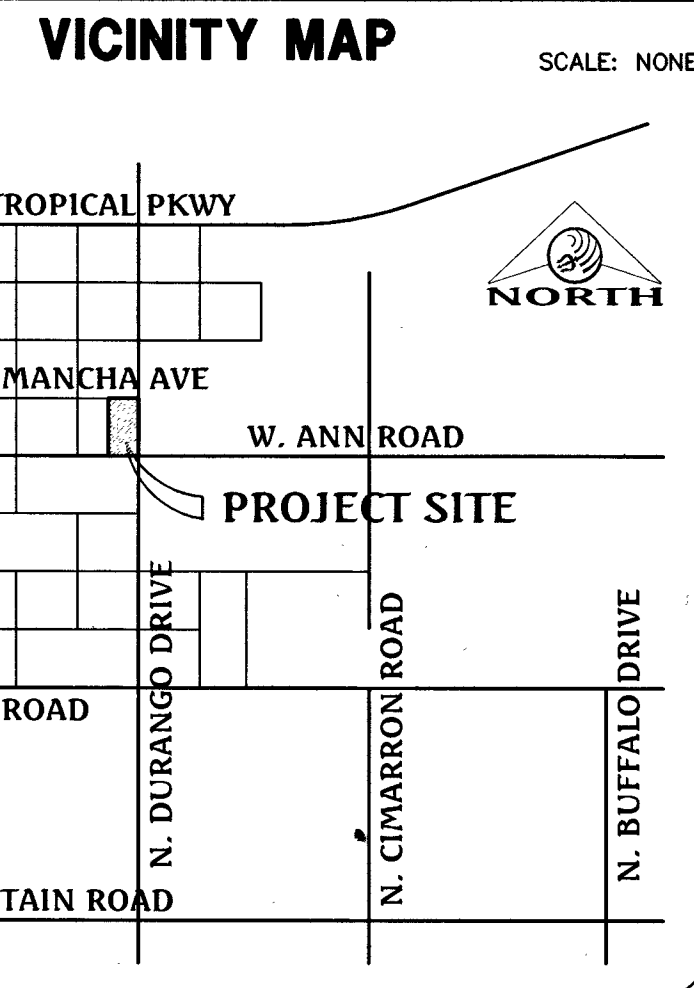
LEGEND

- SIGHT VISIBILITY ZONE
SEE CCAUSD #201.2
(NOTE: SEE THIS SHEET FOR BEARINGS AND DISTANCES)
- EXISTING AC
 - PROPOSED AC PAVING
 - PROPOSED CONCRETE
 - 200 AMP SERVICE PEDESTAL AND FOUNDATION
 - No. 3-1/2 PULL BOX
 - L.E.D. STREETLIGHT - GE MODEL JERS020KX5574GRAY OR EQUIVALENT (250 WATT EQUIVALENT)
 - 2" STILT CONDUIT WITH (2) #4 & (1) #8 THW COPPER
 - 4" FAST CONDUIT WITH 8" BARE TRACER WIRE

FOR CLARK COUNTY JURISDICTION ONLY

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
ACCEPTED

By
Acceptance of these plans shall not be construed to be a permit for or on approval of any violation of state, county or federal law, specifications, or the Manual on Uniform Traffic Control Devices.



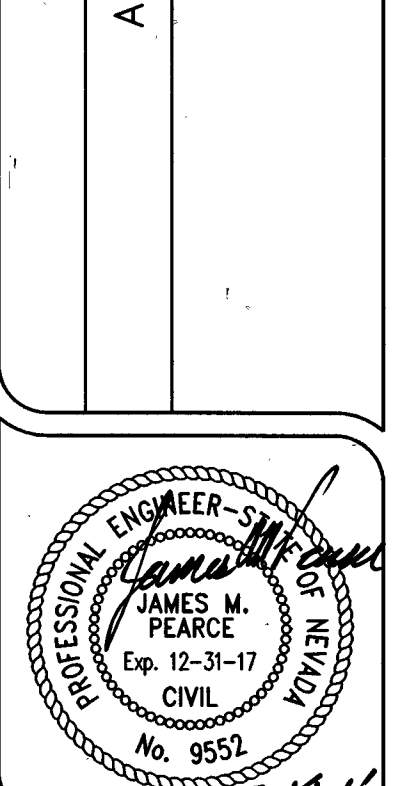
DATE	2/17/2015	NO.	DESCRIPTION	DATE	APPROVED
PM	J. PEARCE				
DRAWN BY	D.I.				
DESIGNED BY	D.I.				
CHECKED BY					
ADA CHECKED					
JOB NO.	007-097				
SCALE	1" = 40'				

DATE: 2/17/2015
PM: J. PEARCE
DRAWN BY: D.I.
DESIGNED BY: D.I.
CHECKED BY:
ADA CHECKED:
JOB NO.: 007-097
SCALE: 1" = 40'

Triton Engineering
Office: (702) 254-1480
Fax: (702) 254-1480
www.tritongroup.com
6757 W. Charleston Blvd.
Las Vegas, Nevada 89146



DR HORTON
ANN & DURANGO
TRAFFIC PLAN



SHEET **11** OF 19
C.L.V. DWG.#
63427 10975049