LAS VEGAS VALLEY WATER DISTRICT (LVVWD) STANDARD NOTES

LVVWD PROJECT #109704

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. FOR FUTURE INSPECTIONS, NOTICE MUST BE GIVEN BY 2:00 PM THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
2. ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2003 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS).
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENTS, CLARK COUNTY AREA.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
8. ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.19 OF THE 2003 EDITION OF THE UDACS.
9. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED, AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION OF THE LVVWD DISTRIBUTION SYSTEM.
10. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3802, TWO (2) WORKING DAYS PRIOR TO METER PICKUP.
11. ANY INTERRUPTIONS OF SERVICE MUST BE APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
12. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD PRE-APPROVED MATERIALS AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
13. TELEPHONE "CALL BEFORE YOU DIG" AT 1-800-227-2600.

LAS VEGAS VALLEY WATER DISTRICT　　　2/11/05 DATE

BASIS OF BEARINGS

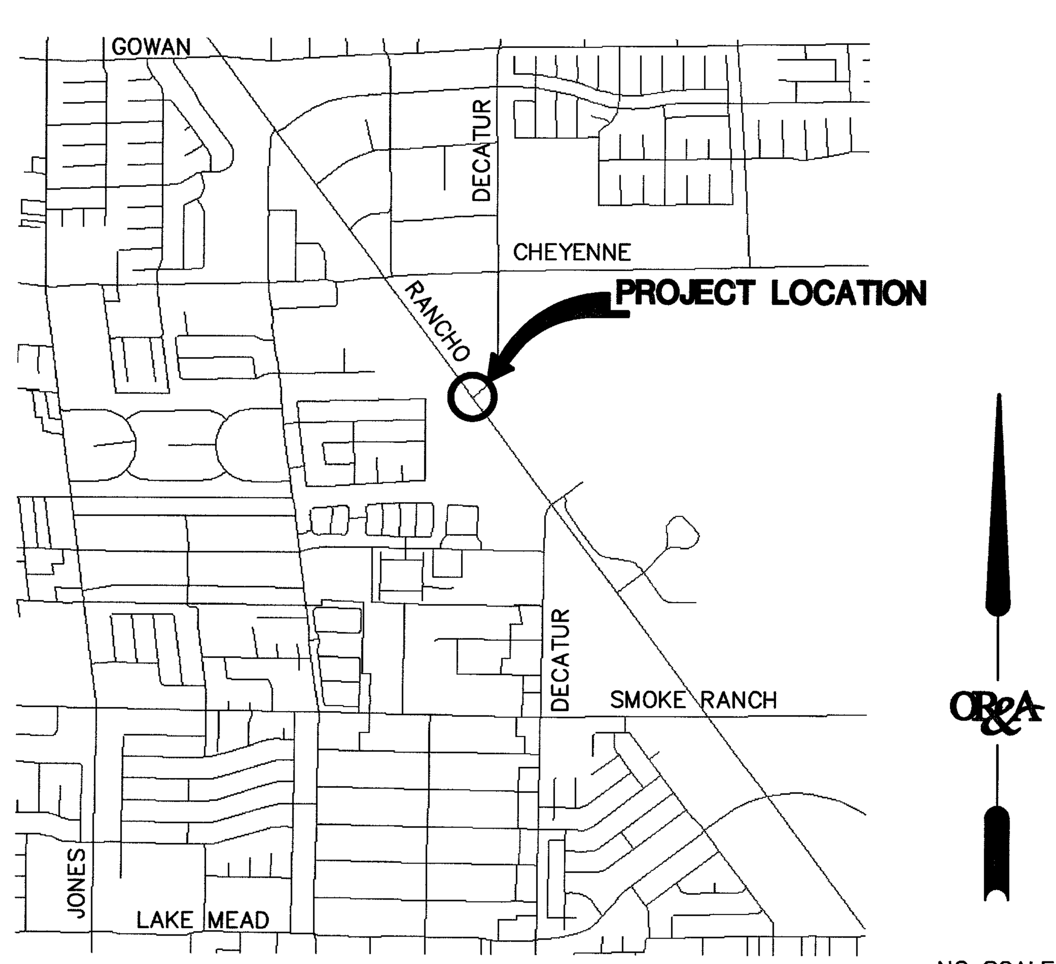
N 88°44'11" W, BEING THE GRID BEARING BETWEEN CLARK COUNTY GIS CONTROL POINTS 909 AND 874 AS SHOWN ON A RECORD OF SURVEY IN FILE 88, PAGE 53 OF SURVEYS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA

Avoid hitting overhead power lines. It's costly.
Call before you do Overhead
1-702-593-6111

Avoid cutting underground utility lines. It's costly.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

8010

LOCATION MAP



NO SCALE

LEGEND

- CENTER LINE
- RIGHT OF WAY
- EASEMENT
- FENCE
- SAWCUT LINE
- CURB AND GUTTER
- STORM DRAIN LINE
- SEWER LINE
- WATER LINE
- DAYLIGHT LINE
- FLOW LINE
- LOT LINE
- SIDEWALK
- STREETLIGHT CONDUIT
- MANHOLE
- VALVE
- FIRE HYDRANT
- TRAFFIC SIGN AND POST
- 400 HPS STREETLIGHT
- 250 HPS STREETLIGHT
- REMOVAL/RELOCATION/ADJUSTMENT/ABANDONMENT NOTE
- CONSTRUCTION NOTE
- FUTURE STORM DRAIN LINE
- EXISTING CURB AND GUTTER
- EXISTING UNDERGROUND CABLE TELEVISION (CATV)
- EXISTING INTERCONNECT LINE (IC)
- EXISTING GAS LINE (G)
- EXISTING UNDERGROUND TELEPHONE LINE (UGTEL)
- EXISTING OVERHEAD POWER LINE (OHP)
- EXISTING UNDERGROUND POWER LINE (UGP)
- EXISTING STORM DRAIN LINE (SD)
- EXISTING SANITARY SEWER LINE (SS)
- EXISTING WATER LINE (W)
- EXISTING FLOW LINE
- EXISTING FENCE
- EXISTING INTERMEDIATE CONTOUR LINE
- EXISTING INDEX CONTOUR LINE (2000)
- EXISTING STORM DRAIN MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING WATER MANHOLE
- EXISTING TRAFFIC SIGNAL
- EXISTING STREETLIGHT
- EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
- EXISTING SERVICE PEDESTAL
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING TRAFFIC SIGN AND POST
- EXISTING POWER POLE

SHEET INDEX

SHEET	DESCRIPTION
RD-1	COVER SHEET
RD-2	SHEET INDEX, GENERAL NOTES, LEGEND AND ABBREVIATIONS
RD-3	DECATUR BOULEVARD ROADWAY IMPROVEMENTS STA 10+00 TO STA 16+75
RD-4	DECATUR BOULEVARD SIGNAGE AND STRIPING IMPROVEMENTS STA 10+00 TO STA 16+75
RD-5	TRAFFIC SIGNAL MODIFICATION PLAN

OR&A
Orth-Rodgers and Associates, Inc.
TRANSPORTATION ENGINEERS and PLANNERS
1140 North Town Center Drive, Suite 190
Las Vegas, NV 89144 (702) 233-4060

ABBREVIATIONS

@	AT
AC	ASPHALTIC CONCRETE
ACP	ASBESTOS CEMENT PIPE
AG	AGGREGATE
AVE	AVENUE
BC	BEGIN CURVE
BCR	BEGIN CURB RETURN
BLVD	BOULEVARD
BM	BENCHMARK
BSW	BACK OF SIDEWALK
C&G	CURB AND GUTTER
CATV	CABLE TELEVISION
CCUSD	CLARK COUNTY UNIFORM STANDARD DRAWINGS
CIP	CAST IRON PIPE
CL	CENTERLINE
CLR	CLEARANCE
CLV	CITY OF LAS VEGAS
CMU	CONCRETE MASONRY UNITS
CO	COMPANY
CONC	CONCRETE
CONST	CONSTRUCT, CONSTRUCTION
CONT	CONTINUOUS
CF	CUBIC FEET
CY	CUBIC YARD
DCSWCS	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS
DEPT	DEPARTMENT
DI	DROP INLET
DIA	DIAMETER
DW	DRIVEWAY
DWG	DRAWING
EC	END CURVE
EG	EXISTING GROUND
ECR	END CURB RETURN
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EXIST	EXISTING
FAST	FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION
FC	FACE OF CURB
FG	FINISH GRADE
FH	FIRE HYDRANT
FHWA	FEDERAL HIGHWAY ADMINISTRATION
FL	FLOW LINE
FT	FEET, FOOT
G	GAS
GB	GRADE BREAK
GM	GAS METER
HGL	HYDRAULIC GRADE LINE
HORIZ	HORIZONTAL
HP	HIGH POINT
HPG	HIGH PRESSURE GAS LINE
IN	INCH
INC	INCORPORATED
INT	INTERSECTION
INV	INVERT
L	LENGTH
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
LTP	LIGHT POLE
LVVWD	LAS VEGAS VALLEY WATER DISTRICT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NDOT	NEVADA DEPARTMENT OF TRANSPORTATION
NAP	NOT A PART
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OHP	OVERHEAD POWER
PB	PULLBOX
PC	POINT ON CURVE
PG	PROFILE GRADE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PLS	PROFESSIONAL LAND SURVEYOR
PP	POWER POLE
PRC	POINT OF REVERSE CURVE
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
R/W	RIGHT OF WAY
R	RADIUS
RAD	RADIAL
RCP	REINFORCED CONCRETE PIPE
REINF	REINFORCED, REINFORCING
RR	RAILROAD
RT	RIGHT
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SHT	SHEET
SL	STREETLIGHT
SQ FT	SQUARE FEET
SS	SANITARY SEWER
ST	STREET
STA	STATION
STD	STANDARD
SW	SIDEWALK
TAN	TANGENT
TBC	TOP BACK OF CURB
TC	TOP OF CURB
T	TELEPHONE
TEMP	TEMPORARY
THK	THICK, THICKNESS
TRANS	TRANSITION
TW	TOP OF WALL
TYP	TYPICAL
UDACSWDS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS
UGP	UNDERGROUND POWER
UTIL	UTILITY
VERT	VERTICAL
VG	VALLEY GUTTER
W	WATER
WID	WIDTH
WM	WATER METER
WV	WATER VALVE

REVISIONS

NO.	DATE:	DESCRIPTION	APP'D

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION

CITY ENGINEER: CHARLES KAJKOWSKI JR., P.E.
PROJECT MANAGER: TOM HAYES, P.E.

DESIGNED BY: JR
DRAWN BY: JR
CHECKED BY: RR

HORIZONTAL SCALE: NONE
VERTICAL SCALE: NONE
DATE: 1/14/05

CITY OF LAS VEGAS NEVADA

TITLE: MODIFICATION OF RANCHO DRIVE AND DECATUR BOULEVARD INTERSECTION

SHEET: SHEET INDEX, GENERAL NOTES, LEGEND AND ABBREVIATIONS

PROFESSIONAL ENGINEER STATE OF NEVADA RICHARD T. HOMER CIVIL No 8962 2/4/05

Sheet
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DRAWING NO.
208-550