

ABBREVIATIONS

AC	ASPHALT CONCRETE
ACP	ASBESTOS CEMENT PIPE
AVE	AVENUE
BLVD	BACK OF CURB
BM	BENCHMARK
BOW	BACK OF WALK
BR	BARRIER RAIL
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CP	CONCRETE PIPE
CL	CENTERLINE
DI	DROP INLET
DR	DRIVE
E	EAST
EG	EXISTING GROUND
ELEC	ELECTRICAL
EQP	EDGE OF PAVEMENT
EX or EXIST	EXISTING
FG	FINISH GRADE
FI	FIRE HYDRANT
FL	FLOW LINE
HL	HINGE LINE
LL	LANE LINE
MED	MEDIAN
MH	MANHOLE
MON	MONUMENT
MUTCD	MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
N	NORTH
N/S	NOT TO SCALE
OH CATV	OVERHEAD CABLE TELEVISION
P or UGP	UNDERGROUND POWER LINE
PB	PULL BOX
PC	POINT OF CURVE
PE	PROJECT ENGINEER or POLYETHYLENE
PEB	PEDESTRIAN
PMF	PAVEMENT MARKING FILM
POT	POINT ON CURVE
POT	POINT ON TANGENT
PPCDB	PORTABLE PRECAST BARRIER RAIL
R	RADIUS
RP	RADIUS POINT
ROW	RIGHT-OF-WAY
S	SOUTH OR SANITARY SEWER
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SIT	SHEET
SQ	SQUARE
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
ST	STREET
T-1	TYPE 1 PAVEMENT MARKING FILM
T-2	TYPE 2 PAVEMENT MARKING FILM
TC	TOP OF CURB
TCE	TRAFFIC CONTROL BOX
TS	TEMPORARY CONSTRUCTION EASEMENT
TYP	TYPICAL
USD	UNIFORM STANDARD DWG
W	WEST OR WATER LINE
WL	WATER LINE
WV	WATER VALVE
WMH	WATER MANHOLE
WVL	WATER VAULT

RTC NOTES:

- THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE MORE THAN ONE CONSECUTIVE BUS STOP ON THE SAME SIDE OF THE STREET. TEMPORARY CLOSURES SHALL BE PWD (PERSON'S WITH DISABILITY) ACCESSIBLE BEFORE ANY BUS STOP CAN BE CLOSED. THE CONTRACTOR SHALL NOTIFY CARL SCARBROUGH AT (702) 878-1608, ERIC TRASSDAIL AT (702) 878-1633, OR WARREN RICH AT (702) 878-1875 AT LEAST SEVEN WORKING DAYS IN ADVANCE.
- THE CONTRACTOR SHALL SUBMIT A BUS STOP CLOSURES SCHEDULE WITH THE TRAFFIC CONTROL PLAN. THE BUS STOP CLOSURES SCHEDULE SHALL IDENTIFY SPECIFIC DURATION AND TIMES OF THE DAY FOR ALL PROPOSED BUS STOP CLOSURES. BUS STOP CLOSURES ARE NOT TO EXCEED TWO CONSECUTIVE STOPS AT ONE TIME, OR MORE THAN 1,000 FEET AT A TIME. PERSONS WITH DISABILITIES SHALL HAVE ACCESS TO BUS STOPS. THE CONTRACTOR SHALL PROVIDE A 100 FOOT LONG BY 10 FEET WIDE GRAVELED TURN OUT AT TEMPORARY BUS STOPS.

BENCHMARK

- CLV BM 01V00 33SE: RIVET & PLATE IN TOP OF CURB, NE CORNER OF BUFFALO AND CHARLESTON, ELEV. 2527.95' (NAVD88, ADJUSTED 2007)
- CLV BM 01V00 33E4: RIVET & PLATE IN TOP OF CURB, NW CORNER OF BUFFALO AND ALTA, ELEV. 2509.94' (NAVD88, ADJUSTED 2007)
- CLV BM 01V00 33NE6: RIVET & PLATE IN TOP OF CURB, NW CORNER OF BUFFALO AND DUCHARME, ELEV. 2499.21' (NAVD88, ADJUSTED 2007)
- CLV BM 11V00 33SE6: RIVET & PLATE IN TOP OF CURB, SW CORNER OF BUFFALO AND SUMMERLIN PARKWAY, ELEV. 2520.03' (NAVD88, ADJUSTED 2007)
- CLV BM 11V00 33NE5: RIVET & PLATE IN TOP OF CURB, SW CORNER OF BUFFALO AND PEACOCK, ELEV. 2490.60' (NAVD88, ADJUSTED 2007)
- CLV BM 01V00 28SE6: RIVET & PLATE IN TOP OF CURB, SW CORNER OF BUFFALO AND SUMMERLIN PARKWAY, ELEV. 2504.21' (NAVD88, ADJUSTED 2007)
- CLV BM 01V00 28E4: RIVET & PLATE IN TOP OF CURB, NW CORNER OF BUFFALO AND WASHINGTON, ELEV. 2476.27' (NAVD88, ADJUSTED 2007)
- CLV BM 01V00 28NE6: RIVET & PLATE IN TOP OF CURB, SW CORNER OF BUFFALO AND CARMEN, ELEV. 2465.27' (NAVD88, ADJUSTED 2007)
- CLV BM 01V00 21SE5: RIVET & PLATE IN TOP OF CURB, NW CORNER OF BUFFALO AND VEGAS DR, ELEV. 2456.96' (NAVD88, ADJUSTED 2007)
- CLV BM 01V00 21E4: RIVET & PLATE IN TOP OF CURB, NW CORNER OF BUFFALO AND LAKE MEAD, ELEV. 2427.86' (NAVD88, ADJUSTED 2007)
- CLV BM 01V00 21SE6: RIVET & PLATE IN TOP OF CURB, SW CORNER OF BUFFALO AND CIELO VISTA, ELEV. 2451.81' (NAVD88, ADJUSTED 2007)

BASIS OF BEARING:

THE BASIS OF BEARINGS USED HEREON IS THE NEVADA COORDINATE SYSTEM OF 1983 (NAD83), EAST ZONE (2701), BASED ON THE CLARK COUNTY GIS CONTROL POINTS 808 AND 923 AS SHOWN ON THE RECORD OF SURVEY IN FILE 88, PAGE 53 OF SURVEYS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

LEGEND

TELEPHONE MANHOLE	
TELEPHONE VAULT	
SEWER MANHOLE	
STORM DRAIN MANHOLE	
DROP INLET	
FIRE HYDRANT	
WATER MANHOLE	
WATER VALVE	
WATER BLOW-OFF	
GAS VALVE	
POWER POLE	
POWER POLE W/GUY ANCHOR	
ELECTRICAL MANHOLE	
ELECTRICAL VAULT	
CABLE VAULT	
STREET LIGHT	
STREET LIGHT PULLBOX	
TRAFFIC SIGNAL PULLBOX	
TRAFFIC SIGNAL	
PEDESTRIAN TRAFFIC SIGNAL	
GROUND MOUNTED SIGN	
IRRIGATION PULLBOX	
SURVEY MONUMENT	
BOLLARD	
BENCHMARK	
HINGE LINE	

LAS VEGAS VALLEY WATER DISTRICT

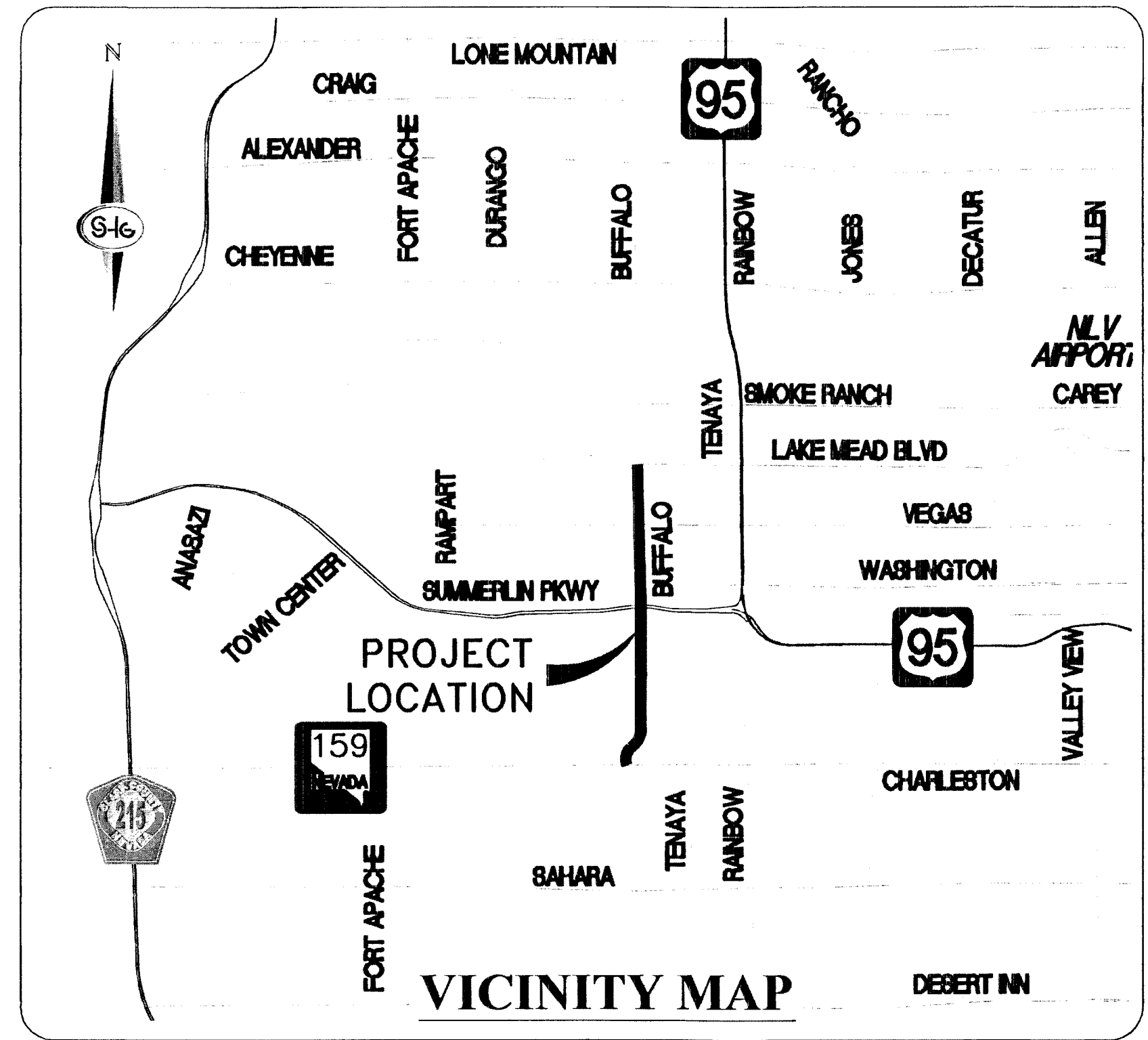
(LVVWD) STANDARD NOTES

LVVWD PROJECT #116912

- 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 P.M. THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
- ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2010 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS). THE LATEST EDITION OF UDACS SHALL SUPERSEDE ANY CONFLICTS CONTAINED IN THE APPROVED DRAWINGS AND/OR SPECIFICATIONS.
- 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 SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
- A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
- ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
- ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
- ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB CUTTERS.
- ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.22 OF THE 2010 EDITION OF THE UDACS.
- ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED, AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD DISTRIBUTION SYSTEM.
- 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.
- ANY INTERRUPTION OF SERVICE MUST BE PERFORMED IN ACCORDANCE WITH UDACS SECTION 3.14.01, AND APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
- ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE LISTED ON THE LVVWD PRE-APPROVED MATERIALS AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
- TELEPHONE "CALL BEFORE YOU DIG" AT "811" OR 1-800-227-2600.
- THE INSTALLATION OF LAS VEGAS VALLEY WATER DISTRICT (LVVWD) MUNICIPAL WATER FACILITIES WITHIN ALL STREETS IS ASSUMED TO BE IN COMPLIANCE WITH THE UNIFORM STANDARDS, INCLUDING THE PLACEMENT OF ASPHALT PAVING STREET SURFACES. ANY REPAIR WORK DONE BY THE LVVWD TO THE MUNICIPAL WATER FACILITIES WILL INCLUDE THE PLACEMENT OF AN APPROPRIATELY SIZED ASPHALT REPAIR PATCH ON THE STREET SURFACE. ANY DECORATIVE PAVING SURFACE WITHIN THE STREET IS THE RESPONSIBILITY OF THE OWNER'S ASSOCIATION, OR THE INDIVIDUAL PROPERTY OWNERS IF NO OWNER'S ASSOCIATION IS IN EXISTENCE, OR THE AGENCY HAVING JURISDICTION OVER THE DECORATIVE SURFACE MATERIALS PLACED WITHIN THE TEN FOOT EASEMENT ADJACENT TO A PUBLIC OR PRIVATE STREET. IF DISTURBED BY THE LVVWD DURING THE REPAIR OR OPERATION OF ITS FACILITIES, WILL BE REPLACED BY LVVWD WITH AN APPROPRIATELY SIZED PLAIN FINISH CONCRETE PATCH. THE LVVWD WILL NOT RESTORE, AND WILL NOT BE RESPONSIBLE FOR THE RESTORATION OF ANY DECORATIVE PAVING SURFACE WITH THE STREET. THE LVVWD WILL NOT ATTEMPT TO MATCH COLOR OR FINISH OF ANY ADJACENT MATERIALS.

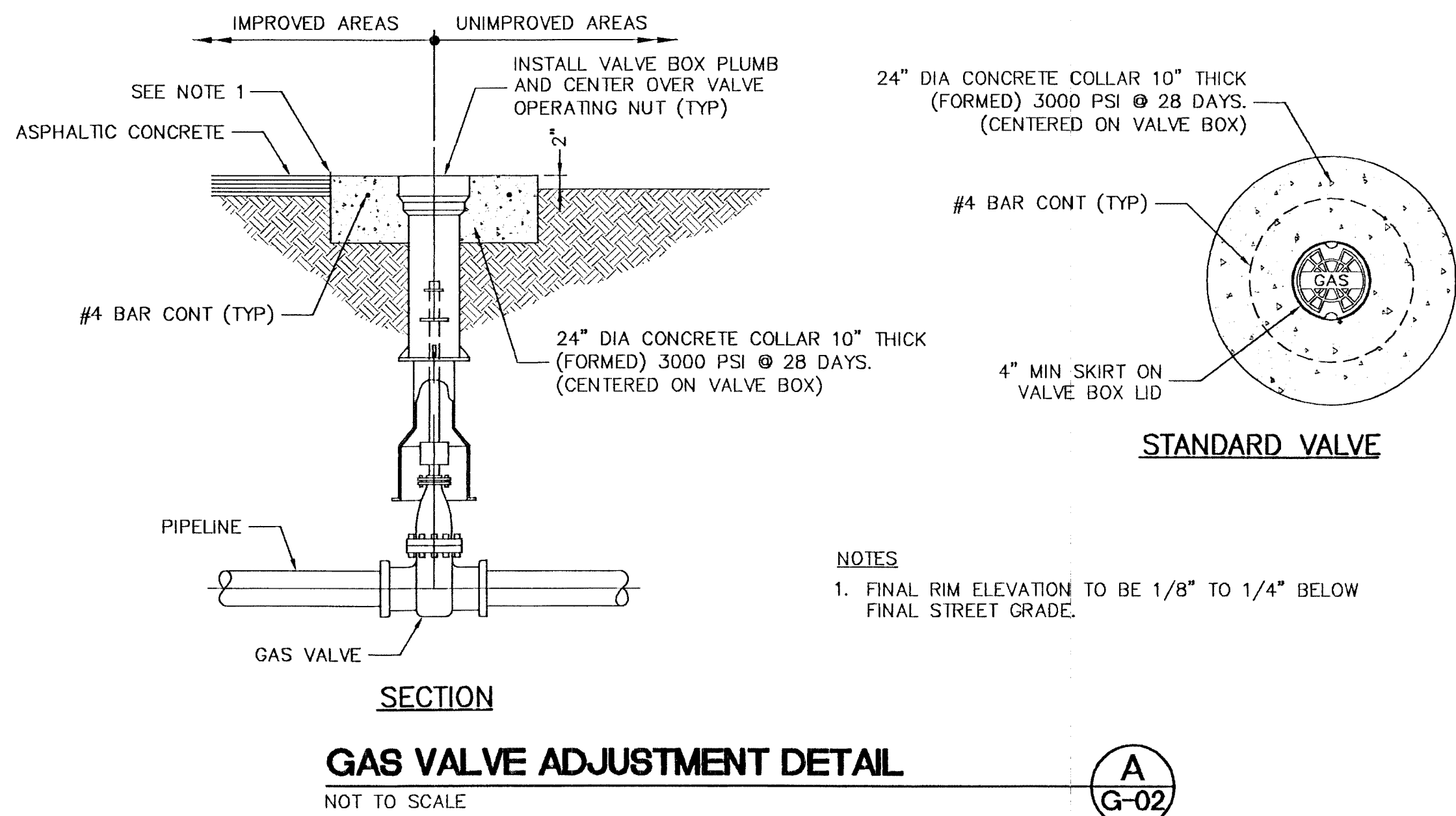
APPROVED FOR CONSTRUCTION

Don Heade 08/21/12
LVVWD ENGINEERING SERVICE MANAGER DATE



INDEX OF DRAWINGS:

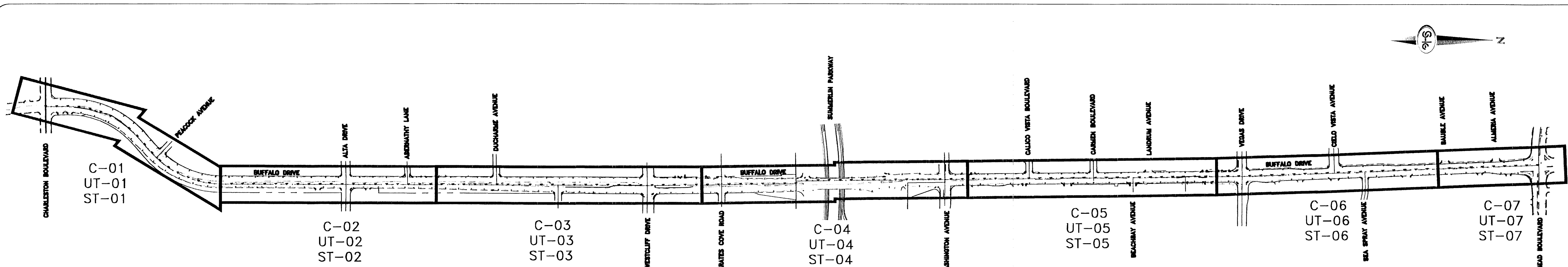
SHEET	SHEET
G-01	COVER SHEET
G-02	INDEX OF DRAWINGS, KEY MAP, ABBREVIATIONS, NOTES AND LEGEND
C-01	IMPROVEMENT PLAN-"BD" 10+00.00 TO "BD" 28+00.00
C-02	IMPROVEMENT PLAN-"BD" 28+00.00 TO "BD" 47+50.00
C-03	IMPROVEMENT PLAN-"BD" 47+50.00 TO "BD" 71+50.00
C-04	IMPROVEMENT PLAN-"BD" 71+50.00 TO "BD" 95+50.00
C-05	IMPROVEMENT PLAN-"BD" 95+50.00 TO "BD" 118+00.00
C-06	IMPROVEMENT PLAN-"BD" 118+00.00 TO "BD" 138+00.00
C-07	IMPROVEMENT PLAN-"BD" 138+00.00 TO "BD" 147+11.58
C-08	GRADING PLAN-"BD" 11+00.00 TO "BD" 20+00.00
C-09	GRADING PLAN-"BD" 57+50.00 TO "BD" 66+50.00
C-10	GRADING PLAN-"BD" 66+50.00 TO "BD" 77+50.00
C-11	GRADING PLAN-"BD" 113+50.00 TO "BD" 118+00.00
UT-01	UTILITY PLAN-"BD" 10+00.00 TO "BD" 28+00.00
UT-02	UTILITY PLAN-"BD" 28+00.00 TO "BD" 47+50.00
UT-03	UTILITY PLAN-"BD" 47+50.00 TO "BD" 71+50.00
UT-04	UTILITY PLAN-"BD" 71+50.00 TO "BD" 95+50.00
UT-05	UTILITY PLAN-"BD" 95+50.00 TO "BD" 118+00.00
UT-06	UTILITY PLAN-"BD" 118+00.00 TO "BD" 138+00.00
UT-07	UTILITY PLAN-"BD" 138+00.00 TO "BD" 147+11.58
ST-01	STRIPING PLAN-"BD" 10+00.00 TO "BD" 28+00.00
ST-02	STRIPING PLAN-"BD" 28+00.00 TO "BD" 47+50.00
ST-03	STRIPING PLAN-"BD" 47+50.00 TO "BD" 71+50.00
ST-04	STRIPING PLAN-"BD" 71+50.00 TO "BD" 95+50.00
ST-05	STRIPING PLAN-"BD" 95+50.00 TO "BD" 118+00.00
ST-06	STRIPING PLAN-"BD" 118+00.00 TO "BD" 138+00.00
ST-07	STRIPING PLAN-"BD" 138+00.00 TO "BD" 147+11.58



GAS VALVE ADJUSTMENT DETAIL

NOT TO SCALE

KEY MAP



DEPARTMENT OF OPERATIONS
AND MAINTENANCE
DEPUTY DIRECTOR OF OPERATIONS AND MAINTENANCE:
JERRY WALKER, P.E.
DESIGNED BY: MDW
DRAWN BY: JAS
CHECKED BY: MDW
DATE: 8/1/12

BID NO.
107053784

TITLE:
BUFFALO DRIVE
CHARLESTON BLVD TO LAKE MEAD BLVD
INDEX OF DRAWINGS, KEY MAP,
ABBREVIATIONS, NOTES AND LEGEND
SHEET:
G-02
2 of 27