

CITY OF NORTH LAS VEGAS
GENERAL WATER LINE CONST. NOTES

1. ALL WORK SHALL CONFORM TO THE CITY OF NORTH LAS VEGAS STANDARDS AND THE MOST CURRENT EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA. IN ALL CASES, THE CITY OF NORTH LAS VEGAS STANDARDS SHALL SUPERSEDE THE UNIFORM STANDARD SPECIFICATIONS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATION BOOKS.
2. NOTICE SHALL BE GIVEN TO THE CITY OF NORTH LAS VEGAS PUBLIC WORKS DEPARTMENT 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
3. NO MAIN MAY BE SHUT DOWN TO MAKE CONNECTIONS WITHOUT PRIOR APPROVAL OF SUPERINTENDENT OF UTILITIES. WHEN A SHUT DOWN WILL LAST LONGER THAN 4 HOURS, WRITTEN APPROVAL MUST BE OBTAINED.
4. WATER SERVICE CONNECTIONS WILL BE MADE WITH TAPPED COLLARS OR APPROVED SERVICE CLAMPS. DOUBLE TAP COLLARS SHALL NOT BE PERMITTED.
5. ALL VALVE BOXES SHALL HAVE AN 8 INCH THICK CONCRETE COLLAR AS SHOWN ON CLARK COUNTY UNIFORM STANDARD DRAWING NO. 517 OR MAY BE RAISED AFTER PAVING WITH A HEAT CUT ON A 12 INCH RADIUS FORM THE CENTER OF THE VALVE BOX AND CONCRETE POURED FLUSH WITH THE FINISH PAVING GRADE.
6. ALL WATER VALVES 12 INCHES AND LARGER SHALL BE BUTTERFLY VALVES AND SHALL CONFORM TO THE MOST CURRENT EDITION OF THE UNIFORM STANDARD SPECIFICATIONS, SUBSECTION 6.5.11.1, 2-8.
7. ALL LINES SHALL BE PRESSURE TESTED TO 200 PSI.
8. ALL NON-METALLIC WATER MAINS AND SERVICES OVER 2 INCHES IN DIAMETER SHALL BE INSTALLED WITH A LOCATOR RIBBON IN ACCORDANCE WITH NORTH LAS VEGAS STANDARD DRAWINGS.
9. ALL SERVICE LINES, 2 INCHES IN DIAMETER AND SMALLER, SHALL BE COPPER.
10. THE INSTALLATION OF WATER METERS SHALL BE REQUIRED ON ALL WATER SERVICES.
11. ALL WATER METER BOXES SHALL BE EQUIPPED WITH A CAST IRON TRAFFIC COVER.
12. METER BOXES SHALL BE PLACES TRUE TO GRADE ON PLAN. WHERE NO CURB EXISTS, PROPOSED ELEVATION SHALL BE OBTAINED FROM THE CITY ENGINEER.
13. CORPORATION STOP, ANGLE METER STOP, AND SERVICE LATERAL SHALL BE THE SAME SIZE.
14. METER ASSEMBLY, CONSISTING OF ANGLE METER STOP, ANGLE TAIL PIECE AND IDLER SHALL BE CENTERED IN METER BOX.
15. THE TOP OF ALL ANGLE METER STOPS SHALL BE A MINIMUM OF 6 INCHES AND A MAXIMUM OF 8 INCHES BELOW METER BOX COVER.
16. ALL NEW FIRE HYDRANTS TO BE INSTALLED SHALL CONFORM TO THE MOST CURRENT EDITION OF THE UNIFORM STANDARD SPECIFICATIONS, SUBSECTION 6.2.10.14 EXCEPT THAT A 5 1/4 INCH VALVE OPENING SHALL BE REQUIRED.
17. PRIOR TO FINAL ACCEPTANCE, ALL BACKFLOW PREVENTION ASSEMBLIES MUST BE TESTED AND CERTIFIED BY A PROPERLY LICENSED AND CERTIFIED TESTER APPROVED BY THE CITY OF NORTH LAS VEGAS.
18. AS-BUILT DRAWINGS, PER CITY OF NORTH LAS VEGAS STANDARDS, MUST BE SUBMITTED TO THE UTILITIES DIVISION PRIOR TO FINAL ACCEPTANCE.

CITY OF NORTH LAS VEGAS
GENERAL SEWER LINE CONST. NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF NORTH LAS VEGAS STANDARDS AND THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS, SOUTHERN NEVADA. IN ALL CASES, THE CITY OF NORTH LAS VEGAS STANDARDS SHALL SUPERSEDE THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATION BOOKS.
2. THE ABOVE STANDARDS SHALL APPLY TO ALL CONSTRUCTION.
3. SEWER MAINS ONLY SHALL BE LAID IN SEWER TRENCHES.
4. ALL LATERALS SHALL BE LAID AT NOT LESS THAN MINIMUM SLOPES AS SHOWN IN THESE STANDARDS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY OF NORTH LAS VEGAS.
6. SOIL TESTING SHALL BE IN ACCORDANCE WITH CITY OF NORTH LAS VEGAS STANDARDS.
7. ALL EXFILTRATION, INFILTRATION, AIR TESTING AND TELEVISION OF LINES SHALL BE IN ACCORDANCE WITH CITY OF NORTH LAS VEGAS STANDARDS.
8. CUT SHEETS MUST BE SUBMITTED TO THE CITY OF NORTH LAS VEGAS BEFORE CONSTRUCTION WILL BE PERMITTED TO START.
9. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF NORTH LAS VEGAS MUST BE CLASS "A" CONTRACTORS.
10. AS-BUILT DRAWINGS, PER CITY OF NORTH LAS VEGAS STANDARDS, ARE REQUIRED TO BE SUBMITTED TO THE UTILITIES DIVISION PRIOR TO FINAL ACCEPTANCE.

CITY OF NORTH LAS VEGAS
GENERAL GRADING NOTES

1. ALL WORK AND MATERIALS NOT IN ACCORDANCE WITH THE LATEST "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA" IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
2. A GRADING PERMIT IS REQUIRED UNDER ORDINANCE 0.671.
3. EXCAVATING CONTRACTOR SHALL GIVE LOCATION FOR WASTING EXCESS EXCAVATION AND A LETTER FROM THE OWNER GIVING PERMISSION FOR DUMPING PRIOR TO STARTING ON-SITE CONSTRUCTION.
4. CITY ENGINEER'S OFFICE SHALL BE NOTIFIED BEFORE ANY ON-SITE CONSTRUCTION BEGINS, PHONE 649-0265.
5. STAKING PAD AND/OR FINISH FLOOR ELEVATIONS IS THE RESPONSIBILITY OF THE DEVELOPER AND HIS ENGINEER. IN NON-CRITICAL AREAS, DEVELOPER'S ENGINEERS SHALL SUBMIT CERTIFICATION OF CONSTRUCTED "BUILDING PAD ELEVATIONS" AND COMPACTION REPORTS OF ALL FILLS AND FOUNDATIONS AND SLAB SUBGRADES PRIOR TO POURING OF CONCRETE. IF IN CRITICAL DRAINAGE AREA, SUBSTITUTE "BUILDING FLOOR ELEVATION" IN ABOVE NOTE.
6. A SEPARATE PERMIT IS REQUIRED FOR ANY OFF-SITE CONSTRUCTION.
7. A GRADING AND DRAINAGE PLAN SHALL BE ON THE JOBSITE AT ALL TIMES. DEVIATIONS FROM THE PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
8. AS-BUILT FINISH FLOOR ELEVATIONS SHALL BE CERTIFIED BY:

ENGINEER: JEFF W. ANDERSON
ADDRESS: 3151 W. POST RD., LAS VEGAS, NV 89117
TELEPHONE NUMBER: 897-4233

CITY OF NORTH LAS VEGAS FIRE DEPARTMENT
GENERAL NOTES

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH NORTH LAS VEGAS STANDARD SPECIFICATIONS AND DRAWINGS.
2. ON ANY NEW HOMES OR BUILDING CONSTRUCTION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE ACTUAL CONSTRUCTION COMMENCES AND SAID FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER WITH ADEQUATE WATER SUPPLY.
3. PAINTING OF CURBS AND/OR STRIPPINGS OF ASPHALT AREAS AND PROTECTION OF HYDRANTS FROM PHYSICAL INJURY SHALL BE COMPLETED BEFORE APPROVAL OF HYDRANTS BY THE NORTH LAS VEGAS FIRE DEPARTMENT CAN BE OBTAINED.
4. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN FIFTEEN FEET OF A DRIVEWAY, SIX FEET OF A POWER POLE, LIGHT STANDARD, OR ANY OTHER OBSTRUCTION.

CITY OF NORTH LAS VEGAS
GENERAL TRAFFIC NOTES

1. ALL BARRICADING, CONSTRUCTION, SIGNING AND TRAFFIC DELINEATION SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND WORK ZONE TRAFFIC CONTROL HANDBOOK (MUTCD). CONTACT THE CITY TRAFFIC ENGINEER FOR SPECIFIC TRAFFIC CONTROL REQUIREMENTS.
2. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC MARKING OR SIGNAGE, IT SHALL BE RESTORED TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.
3. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR BY THE CITY TRAFFIC ENGINEER SHALL BE PROPERLY INSTALLED IN ACCORDANCE TO THE MUTCD PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE STREETS RELATION TO THIS PROJECT REGARDLESS OF THE STATUS OF THEIR COMPLETION.

CITY OF NORTH LAS VEGAS
GENERAL CONSTRUCTION NOTES

1. CURB & GUTTER WITH A GRADE OF LESS THAN 0.4% SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHISELED FOR GRADE PRIOR TO CONSTRUCTION. WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
2. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL & VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION & EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS & EGRESS TO OFF-SITE PROPERTIES. EXTENT OF TRANSITIONS TO BE DETERMINED BY THE CITY ENGINEER.
3. ALL MANHOLES, WATER VALVES AND CLEANOUTS THAT LIE WITHIN THE LIMITS OF ROADWAY CONSTRUCTION SHALL BE PLACED AT SUBGRADE LEVEL. AFTER PLACEMENT OF THE BASE MATERIALS AND ASPHALT PAVEMENT, THE MANHOLES, WATER VALVES AND CLEANOUTS SHALL BE BROUGHT TO FINISH GRADE AND A COLLAR SHALL BE CONSTRUCTED FOR EACH MANHOLE. INSPECTORS ARE TO BE NOTIFIED 1 HOUR IN ADVANCE TO INSPECT WORK AT THE TIME OF ADJUSTMENT.
4. WHERE SIDEWALKS IS NOT REQUIRED AT THE TIME OF STREET CONSTRUCTION, ALL UTILITY BOXES AND VAULTS TO BE LOCATED WITHIN THE FUTURE SIDEWALK. AREA MUST BE CONSTRUCTED TO THE FINISH GRADE OF THE FUTURE SIDEWALK. THIS IS TO PREVENT POUNDING OF LANDSCAPE IRRIGATION WATER AND INFILTRATION INTO THE BOXES OR VAULTS.
5. WHERE OTHER AGENCIES, SUCH AS THE NEVADA DEPARTMENT OF TRANSPORTATION, HAVE JURISDICTION WITHIN THE PROJECT AREA, IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE AGENCY'S APPROVAL PRIOR TO START OF CONSTRUCTION.
6. ALL CONSTRUCTION & MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST ISSUE, THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA, NEVADA", LATEST ISSUE, AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY, THE UNIFORM BUILDING CODE, AND ALL LOCAL CODES AND ORDINANCES APPLICABLE EXCEPT AS NOTED ON THESE PLANS.
7. THE EXISTENCE & LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS. EXISTING UTILITIES ARE LOCATED ON THE PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS ARE NOT SHOWN ON THE PLANS AND CONTRACTOR IS ADVISED TO CALL 1/800/227-2600 BEFORE DIGGING.
8. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED TO THE SATISFACTION OF THE CITY AT THE EXPENSE OF THE CONTRACTOR.
9. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS. ANY ALTERATIONS MUST HAVE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
10. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK AND SHALL BE DESIGNED FOR 5.5 SACK MIX WITH A MAXIMUM WATER/CEMENT RATIO OF 0.45 (OR AS DESIGNATED BY THE SOILS ENGINEER). MIX DESIGN MUST BE APPROVED BY THE QUALITY CONTROL DIVISION PRIOR TO USE ON THE PROJECT.
11. PERMITS ARE REQUIRED FOR ANY WORK WITHIN PUBLIC RIGHT-OF-WAY. CONTRACTOR SHALL SECURE ALL PERMITS & INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
12. EXPANSION JOINTS ARE REQUIRED AT A MAXIMUM OF 300 FEET FOR EXTRUDED TYPE CURB.
13. AC PAVEMENT SHALL BE FINISHED 0.5 INCHES ABOVE TOP OF CURB GUTTERS OR VALLEY GUTTERS AFTER COMPACTION.
14. APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS & ADJUSTMENTS HAVE BEEN MADE.
15. SIDEWALK RAMP SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER UNIFORM STANDARD DRAWING, CLARK COUNTY AREA, DRAWING NUMBER 235.
16. EXACT LOCATION OF ALL SAWCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY INSPECTOR IF LOCATION ON THE PLANS IS NOT CLEARLY SHOWN OR IF EXISTING CONDITIONS REQUIRE RELOCATION.
17. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS, AND MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH NRS STATUTE 6625-350.
18. THE CONTRACTOR IS TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE PLANS AND WHAT EXISTS IN FIELD, CONTRACTOR TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

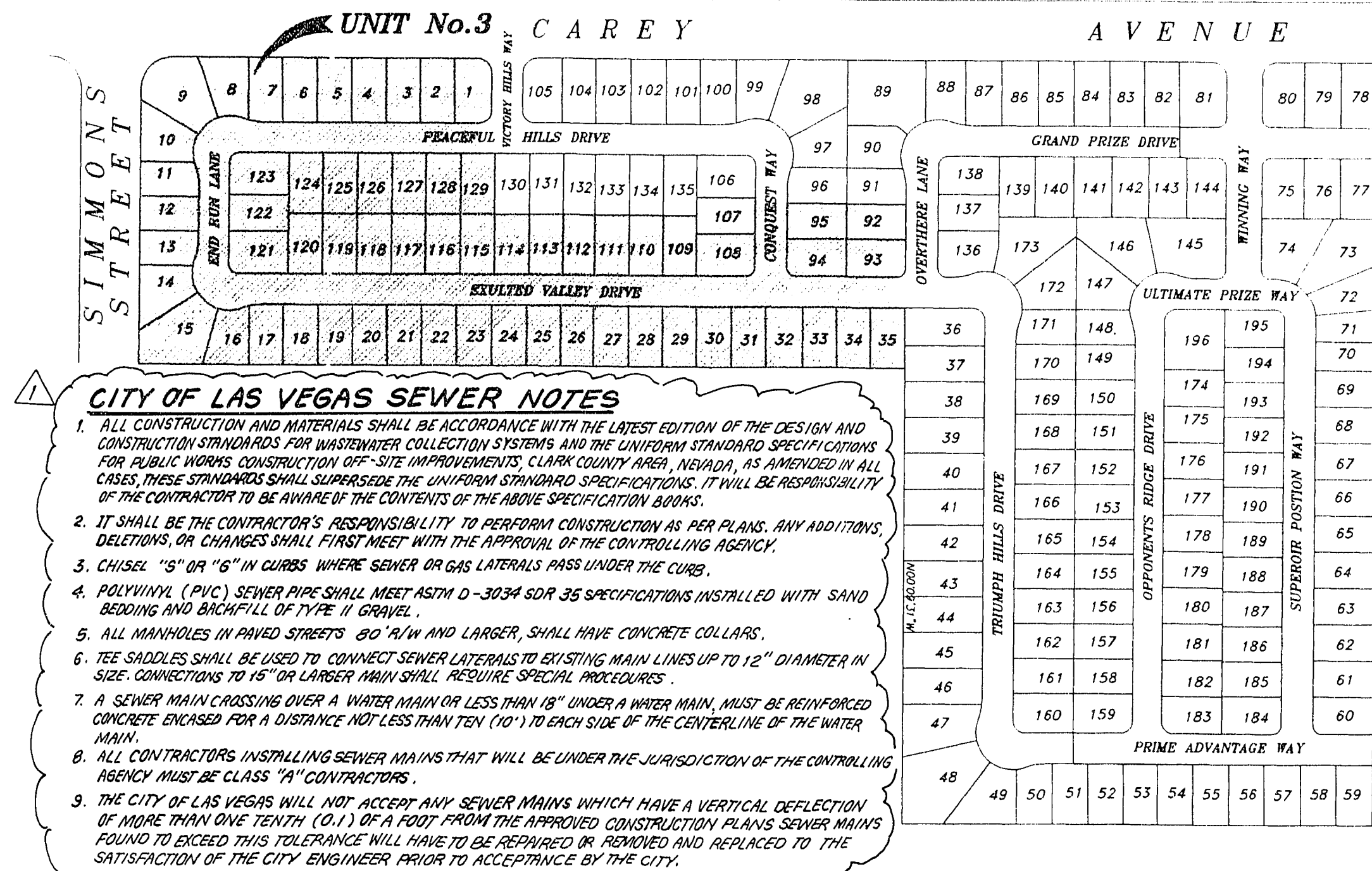
VICTORY - UNIT 3

(A 62 LOT RESIDENTIAL SUBDIVISION)

BEING A PART OF THE NE 1/4 OF SECTION 20, T. 20 S., R. 61 E.,
M.D.M., CITY OF NORTH LAS VEGAS, CLARK COUNTY, NEVADA.

PREPARED FOR:

INCO HOMES
2670 CHANDLER AVENUE, SUITE 9-C
LAS VEGAS, NEVADA
89120
(702) 736-7672



CITY OF LAS VEGAS SEWER NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED IN ALL CASES, THESE STANDARDS SHALL SUPERSEDE THE UNIFORM STANDARD SPECIFICATIONS. IT WILL BE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATION BOOKS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CONTROLLING AGENCY.
3. CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II GRAVEL.
5. ALL MANHOLES IN PAVED STREETS 80" R/W AND LARGER, SHALL HAVE CONCRETE COLLARS.
6. SEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" DIAMETER IN SIZE. CONNECTIONS TO 16" OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES.
7. A SEWER MAIN CROSSING OVER A WATER MAIN OR LESS THAN 18" UNDER A WATER MAIN, MUST BE REINFORCED CONCRETE BOXES FOR A DISTANCE NOT LESS THAN TEN (10') TO EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CONTROLLING AGENCY MUST BE CLASS "A" CONTRACTORS.
9. THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1') OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED AND REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY.

CITY OF NORTH LAS VEGAS
STREET LIGHTING NOTES

1. STREET LIGHTS TO BE HIGH PRESSURE SODIUM 240 VOLT WITH INTEGRAL TYPE REGULATOR BALLAST. HEADS SHALL BE SUPPLIED WITH RECEPTACLE AND SHORTING CAP. 60 AMP MULTIPLE RELAY, 240 VOLT CIRCUIT, TWO #4 COPPER WIRE TYPE THW, 2 COLORS PLUS ONE WHITE #6 COPPER WIRE TYPE THW TO BE GROUNDED IN EACH STANDARD. CENTER LINE OF STANDARD TO BE 12" FROM BACK OF SIDEWALK UNLESS OTHERWISE NOTED.
2. THE LOCATIONS OF ENDS OF ALL CONDUIT IN STRUCTURES OR TERMINATING AT CURBS SHALL BE MARKED BY AN "X" AT LEAST 3" HIGH CUT INTO THE FACE OF CURB, GUTTER OR WALL, DIRECTLY ABOVE THE CONDUIT.
3. ALL CONDUIT SHALL BE 1 1/4" PVC SCHEDULE 40 AND SHALL HAVE A MINIMUM OF 24" OF COVER IN ALL AREAS.
4. ALL CONDUITS FOR FUTURE USE SHALL BE CLEANED, BLOWN OUT THE COMPRESSED AIR AND PROVIDED WITH A #5 A.W.G. GALVANIZED IRON PULL WIRE, TWO FEET OF PULL WIRE SHALL BE DOUBLED BACK INTO CONDUIT AT EACH TERMINATION AND THE END OF THE CONDUIT SHALL BE CAPPED.
5. ALL CONDUITS AT LIMITS OF CONSTRUCTION SHALL BE STUBBED, CAPPED AND LOCATED FOR FUTURE EXTENSIONS OF CONDUIT RUNS AND "AS-BUILT" MARKED PRINTS RETURNED TO THE CITY OF NORTH LAS VEGAS ENGINEERING DEPARTMENT.
6. LAMP CHARACTERISTICS SHALL CONFORM IN GENERAL TO THE PROVISIONS OF THE UNIFORM STANDARD SPECIFICATIONS WITH THE EXCEPTION THAT HIGH PRESSURE SODIUM MUGUL BASE CLEAR LAMPS SHALL BE PROVIDED WITH THE LUMINAIRE.
7. PHOTOCELLS TO BE TYPE II. SWITCH TO BE INCLUDED FOR MANUAL OPERATION (USS 6236 02 06).
8. ALL PULL BOXES SHALL BE #5 UNLESS OTHERWISE INDICATED.
9. ALL SERVICE PANELS SHALL BE CUTLER HAMMER CHM-2100 M-R-1 WITH 60 AMP BREAKER OR APPROVED EQUAL.
10. ALL CONSTRUCTION SHALL CONFORM TO UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CITY OF LAS VEGAS, AND UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY, NEVADA, UNLESS OTHERWISE NOTED.
11. TRAFFIC ENGINEER TO BE NOTIFIED 48 HOURS IN ADVANCE FOR BURN TESTS AND AS-BUILTS.
12. STANDARDS AND WAST ARMS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-120.
13. PROVIDE STREET LIGHT SERVICE TO POINT LOCATION ON THE OFFSITE IMPROVEMENT PLANS AND "AS-BUILT" PLANS.

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	MH	MANHOLE
ACP	ASBESTOS CEMENT PIPE	MIN	MINIMUM
ADJ	ADJUST	NO	NUMBER
BC	BEGINNING OF CURB OR BACK OF CURB	OC	ON CENTER
BGR	BEGINNING OF CURB RETURN OR BACK OF CURB RADIUS	OD	OUTSIDE DIAMETER
BORY	BOUNDARY	P	POWERLINE
BEG	BEGIN	PC	POINT OF CURVATURE
BW	BENCHMARK	PCC	POINT OF COMPOUND CURVE
BSW	BACK OF SIDEWALK	PG	PAD GRADE
BVC	BEGINNING OF VERTICAL CURVE	PHP	PLASTIC HIGH PRESSURE
C & G	CURB AND GUTTER	PI	POINT OF INTERSECTION
C	CURB FACE	PL	PROPERTY LINE
OP	CAST IRON PIPE	PP	POWER POLE
CL	CENTERLINE	PRC	POINT OF REVERSED CURVE
CMP	CORRUGATED METAL PIPE	PROP	PROPOSED
CONC	CONCRETE	PT	POINT OF TANGENT
CONST	CONSTRUCT	PVC	POLY VINYL CHLORIDE PIPE
DC	DEPRESSED CURB	PVI	POINT OF VERTICAL INTERSECTION
DI	DROP INLET	PWMT	PAVEMENT
DIA	DIAMETER	Q	RATE OF FLOW
DIP	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
DMH	DROP MANHOLE	RT	RIGHT
END	END OF CURVE	R/W	RIGHT-OF-WAY
EOR	END OF CURB RETURN	S	SANITARY SEWER
ELEV	ELEVATION	SD	STORM DRAIN
EVC	END OF VERTICAL CURVE	SHF	STEEL HIGH PRESSURE
EX	EXISTING	SHT	SHEET
FC	FACE OF CURB	SP MH	SPECIAL MANHOLE
FF	FINISHED FLOOR	ST	STATION
FG	FINISH GRADE	STD	STANDARD
FI	FIRE HYDRANT	STL	STEEL
FI	FLOW LINE	SW	SIDEWALK
G	GRADE	T	TANGENT DISTANCE OR TELEPHONE
GB	GRADE BREAK	TC	TOP OF CURB
HGT	HIGH OR HEIGHT	TMH	TOP OF MANHOLE
HOR	HORIZONTAL	TRANS	TRANSITION
HP	HIGH POINT	TSC	TRAFFIC SIGNAL CONDUIT
ID	INSIDE DIAMETER	TSW	TOP OF SIDEWALK
INV	INVERT	VC	VERTICAL CURVE
LAT	LATERAL	VCP	VITRIFIED CLAY PIPE
LF	LINEAL FEET	VERT	VERTICAL
LT	LEFT	VG	VALLEY GUTTER
MAX	MAXIMUM	W	WATER

VICINITY MAP
N.T.S.

INDEX OF SHEETS

1. COVER SHEET
2. MASTER UTILITY AND STREET LIGHTING PLAN
3. HORIZONTAL CONTROL PLAN
4. GRADING PLAN
5. UTILITY PLAN
- 6-7. PLAN & PROFILE (UNIT-3)
8. PLAN & PROFILE (CAREY AVE.)

BASIS OF BEARING

N. 89°23'26" E. BEING THE NORTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 20, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CITY OF NORTH LAS VEGAS, CLARK COUNTY, NEVADA ALSO BEING THE CENTERLINE OF CAREY AVENUE AS SHOWN IN PLW 79, OF PARCEL MAPS, PAGE 6, OFFICIAL RECORDS OF CLARK COUNTY NEVADA.

BENCHMARK

BM 2-20-51 CAREY AVENUE AND SIMMONS STREET
THE NORTH QUARTER CORNER OF SECTION 20, 2" DIAMETER BRASS CAP DEPARTMENT OF THE INTERIOR IN A SURVEY MONUMENT BOX
ELEVATION = 2106.228

APPROVALS

JAMES A. BELL, P.E. 5/29/96
DEPUTY DIRECTOR OF PUBLIC WORKS / CITY ENGINEER
Kerry R. Chuma 5/23/96
ADMINISTRATOR OF DEVELOPMENT AND FLOOD CONTROL
KEVIN HUMAL, P.E.
Raymond H. Burke, Traffic Engineer 5/16/96
Kerry R. Chuma 5/23/96
C.N.L.V. DEVELOPMENT DIVISION (UTILITIES)
Lars Teichmeyer 5/16/96
C.N.L.V. FIRE DEPARTMENT
J. Deane R. Bunt 6-16-96
C.N.L.V. DEPARTMENT OF BUILDING/SAFETY
Steve J. Schaefer 5-14-96
NEVADA POWER COMPANY
This approval is only for the placement and clearing of street light and surge-light installations.
5-14-96
SOUTHWEST GAS CORPORATION

NO.	DESCRIPTION	BY	DATE	APPR.
1	Added sewer notes	LDH	G-11-96	
REVISIONS				
CADD FILE NAME: 159703				
PLOT DATE: 12 MAY 96				
BEN VO				
COURTESY NO.				
PREPARED BY: Hunsaker Associates, Inc. Planning • Engineering • Surveying				
AIRCRAFT CENTER BLVD. • 5050 PARADISE ROAD				
LAS VEGAS, NEVADA 89119				
(702) 366-7810				
NEVADA				
C.N.L.V.				
COVER SHEET				
SCALE(H): 1"= N.T.S.				
SCALE(V): 1"= N.T.S.				
DES.BY: JWA				
DWN.BY: CMF				
DATE: 02/95				
PROJECT NO. 1597-1				
SHEET 1 OF 8				