

- 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 MOVEMENTS CULMINATIONS SHALL BE IN ACCORDANCE WITH THE CITY OF NORTH LAS VEGAS STANDARDS. SHALL EXCEED THE UNIFORM STANDARD SPECIFICATIONS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE INTENT OF THE ABOVE SPECIFICATION BOOKS.
- 2 NO WORK SHALL BE GIVEN TO THE CITY OF NORTH LAS VEGAS PUBLIC WORKS DEPARTMENT 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
- 3 NO MAIN MAY BE SHOT DOWN TO MAKE "JUNE" TAPS WITHOUT PRIOR APPROVAL OF SUPERVISORY FIELD OFFICIALS. WHEN A TAP IS MADE LONGER THAN 4 HOURS, WRITTEN APPROVAL MUST BE OBTAINED.
- 4 WATER SERVICE CONNECTIONS WILL BE MADE WITH TAPPED CULLARS OR APPROVED SERVICE CLAMPS. DOUBLE TAP CULLARS SHALL NOT BE PERMITTED.
- 5 ALL VALVE BOXES SHALL HAVE AN 8" MINIMUM CONCRETE COVER AS SHOWN ON LARK COUNTY, NEVADA, TAPING AND DRAWING NO. 472-100. MAY BE RAISED AFTER PAVING, WITH A NEAT CUT ON A 12" INCH RADIUS FROM THE CENTER OF THE VALVE BOX AND CONCRETE POURED FLUSH WITH THE FRESH PAVEMENT.
- 6 ALL WATER VALVES 12 INCHES AND LARGER SHALL BE BUTTERFLY VALVES AND SHALL CONFORM TO THE MOST CURRENT EDITION OF THE NEW YORK STANDARD SPECIFICATIONS. SUBSECTION 629.02.238.
- 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 STANDARDS AND DRAWINGS.
- 9 ALL SERVICE LINES, 2 INCHES IN DIAMETER AND SMALLER, SHALL BE CUPPER.
- 10 THE INSTALLATION OF WATER METERS SHALL BE REQUIRED IN ALL WATER SERVICES.
- 11 ALL WATER METER BOXES SHALL BE EQUIPPED WITH A CAST IRON TRAFFIC COVER.
- 12 METER BOXES SHALL BE PLACED TRUE TO GRADE ON PLAN, WHERE NO HYDRANTS, PROVIDE 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 STOPS, ANGLE TAP PIECE AND COVER 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 629.03.4 EXCEPT THAT A 5 1/4 INCH BOLLING 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.

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 SHOWN, WITH 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.

- 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 DEVELOPERS ELEVATIONS SHALL SUFFICE. CERTIFICATION OF CONSTRUCTED BUILDING PAD ELEVATIONS" AND "IMPAIRED REPORTS OF ALL FILL" AND FOUNDATIONS AND SLAB SUBGRADE'S 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 "DRAINING AND DRAINAGE PLAN SHALL BE ON THE WEBSITE 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

[illegible][illegible]

1. UTILITY INSTALLER WITH A GRADE OF LESS THAN 4% SHALL BE UNRESTRICTED BY FLOODING. NEW JOBS WILL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.

2. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL & VERTICAL RATIONS BETWEEN NEW CONSTRUCTION & EXISTING SURFACES. IT PROVIDE A PROPER DRAINAGE AND ELEVATION. IT SHALL BE RESPONSIBLE FOR PROPERTIES EXTENDING BEYOND THE PROPERTY LINE DETERMINED BY THE OWNER.

3. A. MANHOLETS, WATER VALVES, AND LEAN-TO'S THAT LIE WITHIN THE LIMITS OF A WATER MAINS INSTALLATION SHALL BE GRADED AT SUBGRADE LEVEL AFTER PLACEMENT OF THE BASE MATERIALS AND ASPHALT PAVEMENT. THE MANHOLES, WATER VALVES, AND LEAN-TO'S SHALL BE BRUSHED TO FINISH GRADE AND A 2% SLOPE TO THE STREET SHALL BE MAINTAINED. HOUSE LOTS ARE TO BE NOTIFIED & AVERAGE TO INSPECT WORK AT THE TIME OF ADJUSTMENT.

4. WHERE SIDEWALKS IS NOT REQUIRED AT THE TIME OF STREET CONSTRUCTION, ALL CURB, SIDES AND VAULTS TO BE LOCATED WITHIN THE 10' FIRE LEAK.

5. CURB MUST BE CONSTRUCTED TO THE FINISH GRADE OF THE FIRE SIDEWALK THIS IS TO PREVENT POVERTY OF THE CURB AREAS DRAINAGE WATER AN INFILTRATION INTO THE BOXES OR VAULTS.

5. WHERE OTHER AGENCIES SUCH AS THE NAVADA DEPARTMENT OF TRANSPORTATION HAVE JURISDICTION WITHIN THE PROJECT AREA IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE AGENCY'S APPROVAL PRIOR TO ANY CONSTRUCTION.

6. A. ALL "UNITS" OF WATER SHALL BE B.N. HALL B.N. JOCKEY & WITH THE "NAMED" STANDARD SPEC. A.T. AS HAS B.N. WORKS. A. LUTION OF OFF SITE IMPROVEMENTS. LUTION "UNITS" WATER CONSTRUCTION "LATEST" SPEC. N.W. STANDARD DRAWING FOR PUBLIC WORKS CONSTRUCTION. CLARK "N.W. STANDARD DRAWING FOR PUBLIC WORKS CONSTRUCTION" APPROVAL "STANDARDS ISSUED BY THE "WITPLEN" AGENCY THE UNIT R/W BUILDING "RE" AND ALL "LOCAL" CODES AND "PREINANCES APPLICABLE EXCEPT AS NOTED

CAREY AVENUE UNIT No. 2

SIMMONS STREET

END RUN LANE

PEACEFUL HILLS DRIVE

CONQUEST WAY

OVERTHROW LANE

GRAND PRIZE DRIVE

WINNING WAY

ULTIMATE PRIZE WAY

PRIME ADVANTAGE WAY

SUPERIOR PASTON WAY

OPPONENTS RIDGE DRIVE

TRIUMPH HILLS DRIVE

WATER GLOOM

PREPARED FOR:

INCO HOMES

2670 CHANDLER AVENUE, SUITE 9-C

LAS VEGAS, NEVADA

89120

(702) 736-7672

- 1 STREET LIGHTS TO BE HIGH PRESSURE SOD IN 240 VOLT WITH INTEGRAL TYPE TERMINATOR BALLAST HEADS SHALL BE SUPPLIED WITH PE RECEPTACLE AND SHORTING CAP 60 AMP STANDARD RELAY 240 VOLT CIRCUIT TWO 1/4 COPPER WIRE 2 #2 COPPER PLUS ONE WHITE #6 COPPER WIRE TYPE T1W TO BE ROUNDED N EARTH STANDARD CENTER LINE OF STANDARD TO BE 12" FROM BACK OF CEMENT WALKWAY OTHERWISE NOTED
- 2 THE LOCATIONS OF ENDS OF ALL CONDUIT IN STRUCTURES OR TERMINATING AT CURB SHALL BE MARKED BY AN "X" AT LEAST 3' HIGH L.T. NTC THE FACE OF CURB GUTTER OR WALL DIRECTLY ABOVE THE CONDUIT
- 3 ALL CONDUITS 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 CLEARED BLOWN OUT THE COMPRESSED AIR AND PROVIDED WITH A #3 A W.G. GALVANIZED IRON PULL WIRE 1/4" IN DIAMETER SHALL BE DOUBLE SHANKS PROVIDED AT EACH TERMINATION AND THE END OF THE WIRE SHALL BE CAPPED
- 5 LOCATED AT LIMITS OF CONSTRUCTION SHALL BE STEELER CAPPED AND LOCATED AT FUTURE EXTENSIONS OF CONDUIT RUNS AND AS-BUILT MARKED POINTS 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 SOD LAMP TYPES OF CLEAR LAMPS SHALL BE PROVIDED ATTACHE LABEL BE SHOWN ON THE PLANS. LEXAN LENSES SHALL BE PROVIDED WITH THE LUMINAIRE
- 7 PHOTOCELLS TO BE TYPE II SWITCH TO BE INCLUDED FOR MANUAL OPERATION (USS 62.36 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 VAP 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 ENGINEERING TO BE NOTIFIED 48 HOURS IN ADVANCE FOR BURN TESTS AND AS-BUILTS.
- 12 STANDARDS AND MASTER ARMS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-120
- 13 IMPROVE STREET LIGHT SCHEME TO POINT LOCATION ON THE OFFSITE

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
BOR	BEGINNING OF CURB RETURN OR BACK OF CURVE RADIUS	OD	OUTSIDE DIAMETER
BORY	BOUNDARY	P	POWERLINE
BEG	BEGIN	PC	POINT OF CURVATURE
BM	BENCHMARK	PCC	POINT OF COMPOUND CURVE
BSW	BACK OF SIDEWALK	PG	PAD GRADE
BV	BEGINNING OF VERTICAL CURVE	PHP	PLASTIC HIGH PRESSURE
C & G	CURB AND GUTTER	PL	PROPERTY LINE
CF	CURB FACE	PP	POWER POLE
CP	CAST IRON PIPE	PRC	POINT OF REVERSED CURVE
CL	CENTERLINE	PROP	PROPOSED
CMP	CORRUGATED METAL PIPE	PT	POINT OF TANGENT
CONC	CONCRETE	PVC	POLY VINYL CHLORIDE PIPE
CONST	CONSTRUCT	PVI	POINT OF VERTICAL INTERSECTION
DC	DEPRESSED CURB	PWM	PAVEMENT
DI	DROP INLET	Q	RATE OF FLOW
DIA	DIAMETER	RCP	REINFORCED CONCRETE PIPE
DIP	DOCKLE IRON PIPE	RT	RIGHT
DML	DRAIN	R/W	RIGHT-OF-WAY
EC	END OF CURVE	S	SANITARY SEWER
ECR	END OF CURB RETURN	SD	STORM DRAIN
EL	ELEVATION	SHP	STEEL HIGH PRESSURE
EW	END OF VERTICAL CURVE	SHT	SHEET
EX	EXISTING	SP MH	SPECIAL MANHOLE
FF	FACE OF CURB	STA	STATION
FF	FINISHED FLOOR	STD	STANDARD
FG	FINISH GRADE	STL	STEEL
FH	FINISH HYDRANT	SW	SIDEWALK
FL	FLOW LINE	T	TANGENT DISTANCE OR TELEPHONE
G	GRADE	TC	TOP OF CURB
GB	GRADE BREAK	TWH	TOP OF MANHOLE
HGT	HIGH OR HEIGHT	TRANS	TRANSITION
HOR	HORIZONTAL	TSC	TRAFFIC SIGNAL CONDUIT
HP	HIGH POINT	TSW	TOP OF SIDEWALK
ID	INSIDE DIAMETER	VT	VERTICAL CURVE
INV	INVERT	VOP	VERTICAL CLAY PIPE
L	LINEAL	VG	VERTICAL
LF	LINEAL FEET	VG	VALLEY GUTTER
LT	LEFT	W	WATER



1. COVER SHEET
2. MASTER UTILITY AND STREET LIGHTING PLAN
- 3-4. HORIZONTAL CONTROL PLAN
- 5-6. GRADING PLAN
- 7-8. UTILITY PLAN
- 9-11. PLAN & PROFILE (UNIT-2)
12. PLAN & PROFILE (CAREY AVE.)

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 FILM 79, OF PARCEL MAPS, PAGE 6 OFFICIAL RECORDS OF CLARK COUNTY NEVADA

JAMES A. BELL, P.E. DEPUTY DIRECTOR OF PUBLIC WORKS / CITY ENGINEER	DATE
<i>Barbara Tan</i>	11/23/95
RANDY LARSEN ADMINISTRATOR OF DEVELOPMENT AND FLOOD CONTROL	DATE
<i>Phyllis WPT uke.</i>	11/20/95
WILLIAM BURKE TRAFFIC ENGINEER	DATE
<i>John J. Daniel</i>	10/24/95
CITY ENGINEERING SERVICES (UTILITIES)	DATE
<i>Garrett</i>	10/28/95
C.N.L.V. FIRE DEPARTMENT	DATE

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ER

PROFESSIONAL ENGINEER STATE OF NEVADA
LARRY W.
55208
CIVIL
No 9115
8-20

107Y-4383-2

