

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

LEGEND	
	EXISTING / ADJACENT RIGHT-OF-WAY LINE
	EXISTING EDGE OF PAVEMENT
	PROPERTY LINE
	CENTER LINE
	SAMCUT LINE
	EXISTING SEWER LINE / MANHOLE
	PROPOSED SEWER LINE / CLEANOUT
	EXISTING WATER LINE / VALVE
	PROPOSED WATER LINE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING BUILDING
	PROPOSED BUILDING
	PROPOSED SIGN
	PROPOSED FDC

- WATER CONSTRUCTION NOTES**
1. INSTALL 6" RPPA PER U.D.A.C.S. PLATE 56.
 2. 6" TAPPING TEE & GATE VALVE PER U.D.A.C.S.
 3. 6" SD PLATE 51, 54 & SECTION 2.24 PER U.D.A.C.S.
 4. 6" 1/2" POLY W/EPAP (PW) WITH TAMPER SWITCH MANHOLE 3" FROM BUILDING.
 5. THE SAMCUT LINES & LIMITS OF AC REMOVAL & REPAIRMENT SHALL BE DETERMINED BY A COH CONSTRUCTION SERVICES INSPECTOR. A.C. SHALL BE MARKED BY YELLOW CHALK AND FLAGGED BY A COH CERTIFIED PER COH TRENCH BACKFILL POLICY. AND & REPLACEMENT SHALL BE DETERMINED BY A COH CONSTRUCTION SERVICES INSPECTOR.
 6. FIRE DEPARTMENT CONNECTION (BY OTHERS)
 7. 6" FIRE RISER LEAD-IN SEE FIRE SPRINKLER PLAN FOR CONTINUATION.
 8. INSTALL 2" POLY W/EPAP COPPER WATER SERVICE LINE AND 2" W/EPAP (DOW) PER U.D.A.C.S. PLATE NO. 3.
 9. INSTALL 2" RPPA (DOW) PER U.D.A.C.S. PLATE 8.
 10. INSTALL 8" X 2" SERVICE SADDLE PER U.D.A.C.S. PLATE 3.
 11. INSTALL 2" POLY W/EPAP COPPER WATER SERVICE LINE AND 1 1/2" W/EPAP (DOW) PER U.D.A.C.S. PLATE NO. 3.
 12. INSTALL 1 1/2" RPPA (DOW) PER U.D.A.C.S. PLATE 8.
 13. INSTALL 8" X 2" SERVICE SADDLE PER U.D.A.C.S. PLATE 3.

APPROVAL

CITY APPROVAL OF THE IMPROVEMENT PLANS IS GRANTED FOR ONE (1) YEAR ONLY. PLANS MUST BE RESUBMITTED FOR REVIEW AND APPROVAL TO THE CITY ENGINEER, CITY OF HENDERSON, NV, ON OR BEFORE THE EXPIRATION DATE OF HENDERSON FIRE WORK. IF WORK IS NOT COMPLETED WITHIN ONE YEAR OF THE APPROVAL DATE.

CITY ENGINEER, CITY OF HENDERSON _____ APPROVAL DATE _____

FIRE FLOW DATA

UFGI NUMBER: _____

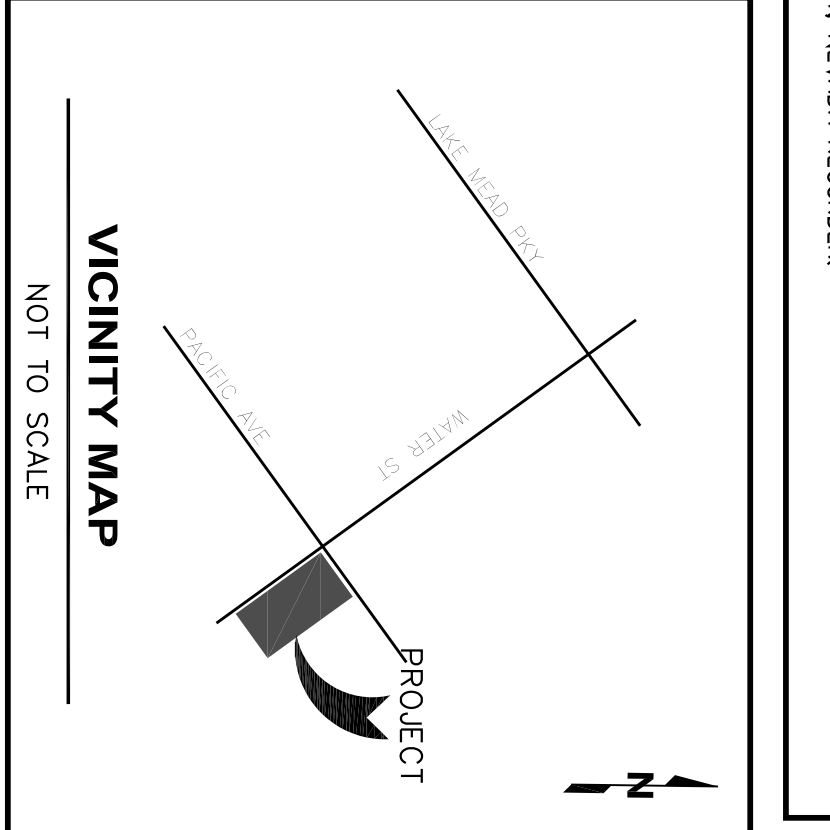
FIRE FLOW CALCULATIONS:
FIRE FLOW REQUIREMENTS IS 1,875 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE. BASED ON SQUARE FOOTAGE: 63,844 SQ. FT. NUMBER OF STORES: 2. TYPE OF CONSTRUCTION: TYPE IIA. OCCUPANCY: SKILLED NURSING I-2. FULL AUTOMATIC SPRINKLER SYSTEM: YES. 50% REDUCTION (3,750x0.5=1,875 GPM).

BENCHMARK

CITY OF HENDERSON BENCHMARK
BM NO 212
1 1/2" BRASS CAP IN THE TOP OF CURB AT THE NORTHWEST CORNER OF VAN WAGENEN STREET AND VICTORY ROAD.
ELEVATION 586.230 METERS (NAVD08) 1923.33 FEET

BASIS OF BEARING

SOUTH 39°37' EAST BEING THE BEARING OF THE CENTERLINE OF VAN WAGENEN STREET AS SHOWN ON THE SURVEY RECORD RECORDED IN BOOK 3, PAGE 42 OF PLANS IN THE OFFICE OF THE CLERK COUNTY, NEVADA RECORDER.



PROJECT: FIRE LINE IMPROVEMENTS 107 S. WATER STREET HENDERSON, NV 89015 APN: 179-18-710-043	CLIENT: _____	ENGINEER: DLC CONSULTING DEVELOPMENT LAND ANALYSIS CONSTRUCTION 2885 EAST QUAIL AVENUE LAS VEGAS, NEVADA 89120 PHONE: 702-521-7021	ENGINEER'S SEAL: 	#	DATE / DESCRIPTION
DATE: APRIL 26, 2019	SHEET TITLE: UTILITY PLAN				
SCALE: 1" = 20'					
SHEET NUMBER: 3 OF 3					