CLV FIRE DEPARTMENT

FIRE FLOW REQUIREMENT IS 1500 GPM GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.

BASED ON:

SQUARE FOOTAGE: 10,565 SF

LARGEST AREA BETWEEEN AREA SEPARATION WALLS: 10,565 SF

HEIGHT: 25 FT

TYPE OF CONSTRUCTION: VN

EXPOSURES:

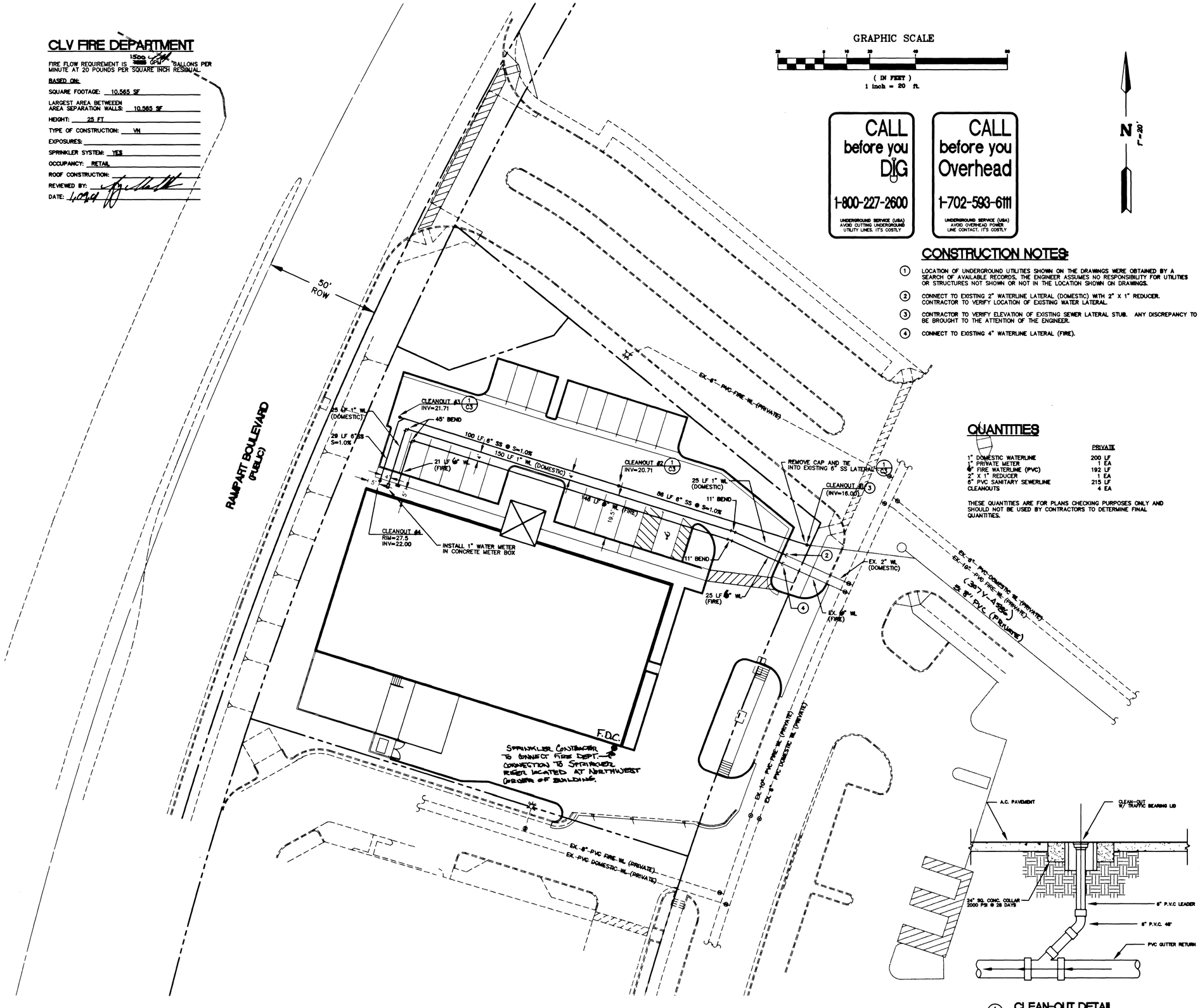
SPRINKLER SYSTEM: YES

OCCUPANCY: RETAIL

ROOF CONSTRUCTION:

REVIEWED BY:

DATE: 1.09.01



GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

CALL before you DIG 1-800-227-2600 — UNDERGROUND SERVICE (USA) AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY

CALL before you Overhead 1-702-593-6111 — UNDERGROUND SERVICE (USA) AVOID OVERHEAD POWER LINE CONTACT. IT'S COSTLY

N 1"=20'

CONSTRUCTION NOTES

1. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES OR STRUCTURES NOT SHOWN OR NOT IN THE LOCATION SHOWN ON DRAWINGS.
2. CONNECT TO EXISTING 2" WATERLINE LATERAL (DOMESTIC) WITH 2" X 1" REDUCER. CONTRACTOR TO VERIFY LOCATION OF EXISTING WATER LATERAL.
3. CONTRACTOR TO VERIFY ELEVATION OF EXISTING SEWER LATERAL STUB. ANY DISCREPANCY TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. CONNECT TO EXISTING 4" WATERLINE LATERAL (FIRE).

QUANTITIES

	PRIVATE
1" DOMESTIC WATERLINE	200 LF
1" PRIVATE METER	1 EA
6" FIRE WATERLINE (PVC)	192 LF
2" X 1" REDUCER	1 EA
6" PVC SANITARY SEWERLINE	215 LF
CLEANOUTS	4 EA

THESE QUANTITIES ARE FOR PLANS CHECKING PURPOSES ONLY AND SHOULD NOT BE USED BY CONTRACTORS TO DETERMINE FINAL QUANTITIES.

LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED SANITARY SEWER LINE
- EXISTING SANITARY SEWER LINE
- PROPOSED WATER LINE
- EXISTING WATER LINE
- EXISTING EDGE OF ASPHALT
- PROPERTY/RIGHT-OF-WAY LINE
- CENTERLINE
- BLOCK WALL
- EXISTING OVERHEAD POWER AND TELEPHONE
- SAWCUT LINE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING/PROPOSED 100W HPS STREETLIGHT
- EXISTING/PROPOSED 250W HPS STREETLIGHT
- STREETLIGHT SERVICE POINT
- HANDICAPPED SYMBOL
- EXISTING/PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- CLEANOUT
- STREET SIGN
- CONCRETE
- FIRE LANE
- CURB TO BE PAINTED RED

ABBREVIATIONS

AC	ASPHALTIC CONCRETE
BCR	BEGINNING OF CURB RETURN
COH	CITY OF HENDERSON
CL	CENTERLINE OF ROAD
CO	SEWER CLEANOUT
CONC	CONCRETE
EAC	EXISTING ASPHALTIC CONCRETE
ECR	END OF CURB RETURN
EP	EDGE OF PAVEMENT
ETC	EXISTING TOP OF CURB
EX	EXISTING
FF	FINISHED FLOOR
FL	FLOWLINE
GB	GRADE BREAK
IE	INVERT ELEVATION
LVVWD	LAS VEGAS VALLEY WATER DISTRICT
OP	EXISTING OVERHEAD POWER
PE	PAD ELEVATION
PL	PROPERTY LINE
PP	POWER POLE
SD	STORM DRAIN LINE
SS	SANITARY SEWERLINE
TC	TOP OF CURB
TYP	TYPICAL
WL	WATERLINE

SEWER CONTRIBUTION

AVERAGE FLOW= 1800 GPD

PEAK FLOW= 5600 GPD

BENCHMARK

BM #LV00 32S6, BEING A RIVET AND PLATE IN TOP OF CURB, ENTRANCE TO POND, 930' NORTH OF CHARLESTON BOULEVARD. ELEVATION: 2741.22 FEET (835.5250 METERS) NAVD 88

BASIS OF BEARINGS

NORTH 00°33'39" WEST BEING THE CENTERLINE OF RAMPART BOULEVARD, AS SHOWN ON RECORD OF SURVEY RECORDED IN FILE 105, PAGE 90.

APPROVALS

CITY FIRE MARSHAL — DATE 1.9.01

NA

LAS VEGAS VALLEY WATER DISTRICT — DATE

3 CLEAN-OUT DETAIL
NTS

REV	DATE	BY	REVISION

MELVIN GREEN ARCHITECT, LTD.
3351 SPRING MOUNTAIN ROAD, SUITE 2
LAS VEGAS, NEVADA 89102
(702) 362-8674

KJE CONSULTING ENGINEERS, INC.
3514 E. TROPICANA, SUITE 2
LAS VEGAS, NV. 89121
PH. (702) 597-2988
FAX. (702) 597-0309

SHEET: UTILITY PLAN

TITLE: PAD S
MILTON HOMER FURNITURE SHOWROOM
BOCA PARK SHOPPING CENTER

DRAWN BY: 1/4/01
DESIGNED BY: K.JE 1/4/01
CHECKED BY: K.JE 1/4/01
PROJECT NO: 188.1
FILE NAME: UT-1881

SEAL: PROFESSIONAL ENGINEER - STATE OF NEVADA — KENNETH J. ERLANDER — No. 9878 — CIVIL — 1/4/01

SCALE
HORIZONTAL: 1"=20'
VERTICAL: NA

SHEET C3
3 OF 5 SHEETS

PROJECT NO: 107-V3383

29334