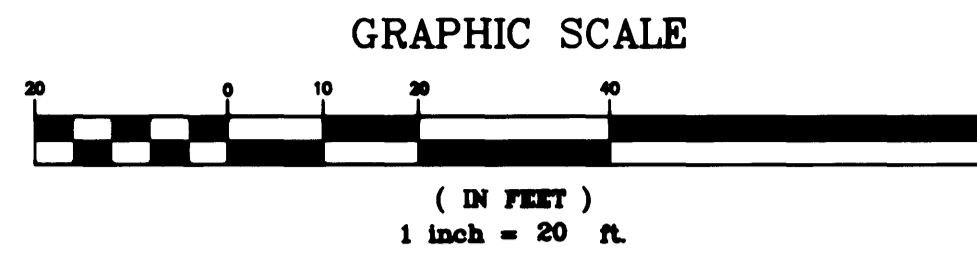


CLV FIRE DEPARTMENT

FIRE FLOW REQUIREMENT IS 1500 GPM 3" BALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL
 BASED ON:
 SQUARE FOOTAGE: 10,565 SF
 LARGEST AREA BETWEEN AREA SEPARATION WALLS: 10,565 SF
 HEIGHT: 25 FT
 TYPE OF CONSTRUCTION: VN
 EXPOSURES:
 SPRINKLER SYSTEM: YES
 OCCUPANCY: RETAIL
 ROOF CONSTRUCTION:
 REVIEWED BY: [Signature]
 DATE: 1/24/01



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.



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

CONSTRUCTION NOTES

- 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.
- CONNECT TO EXISTING 2" WATERLINE LATERAL (DOMESTIC) WITH 2" X 1" REDUCER. CONTRACTOR TO VERIFY LOCATION OF EXISTING WATER LATERAL.
- CONTRACTOR TO VERIFY ELEVATION OF EXISTING SEWER LATERAL STUB. ANY DISCREPANCY TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- CONNECT TO EXISTING 4" WATERLINE LATERAL (FIRE).

QUANTITIES

	PRIVATE
1" DOMESTIC WATERLINE	200 LF
1" PRIVATE METER	1 EA
2" 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.

ABBREVIATIONS

AC	ASPHALTIC CONCRETE
BCR	BEGINNING OF CURB RETURN
CD	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
LVMD	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
TY	TYPICAL
WL	WATERLINE

SEWER CONTRIBUTION

AVERAGE FLOW= 1800 GPD
 PEAK FLOW= 5600 GPD

BENCHMARK

BM #1LV00 3256, 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

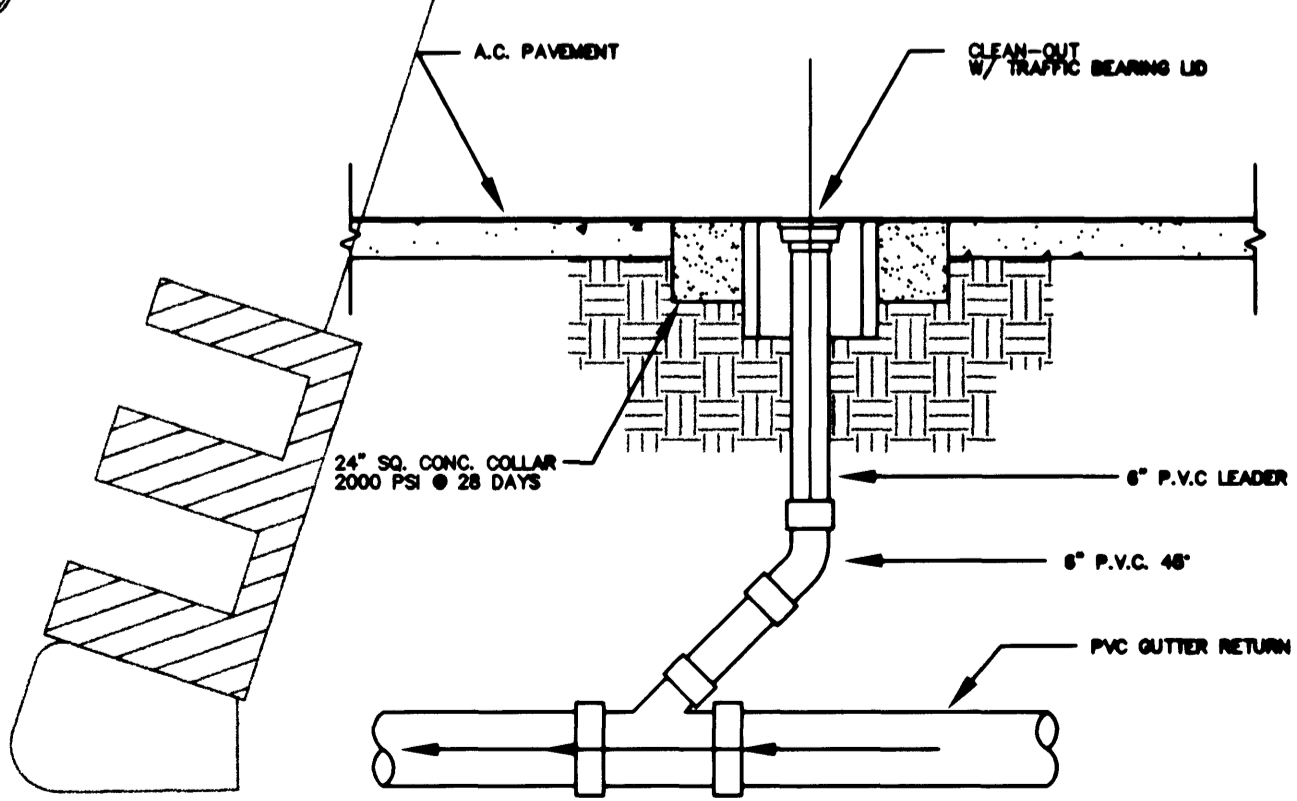
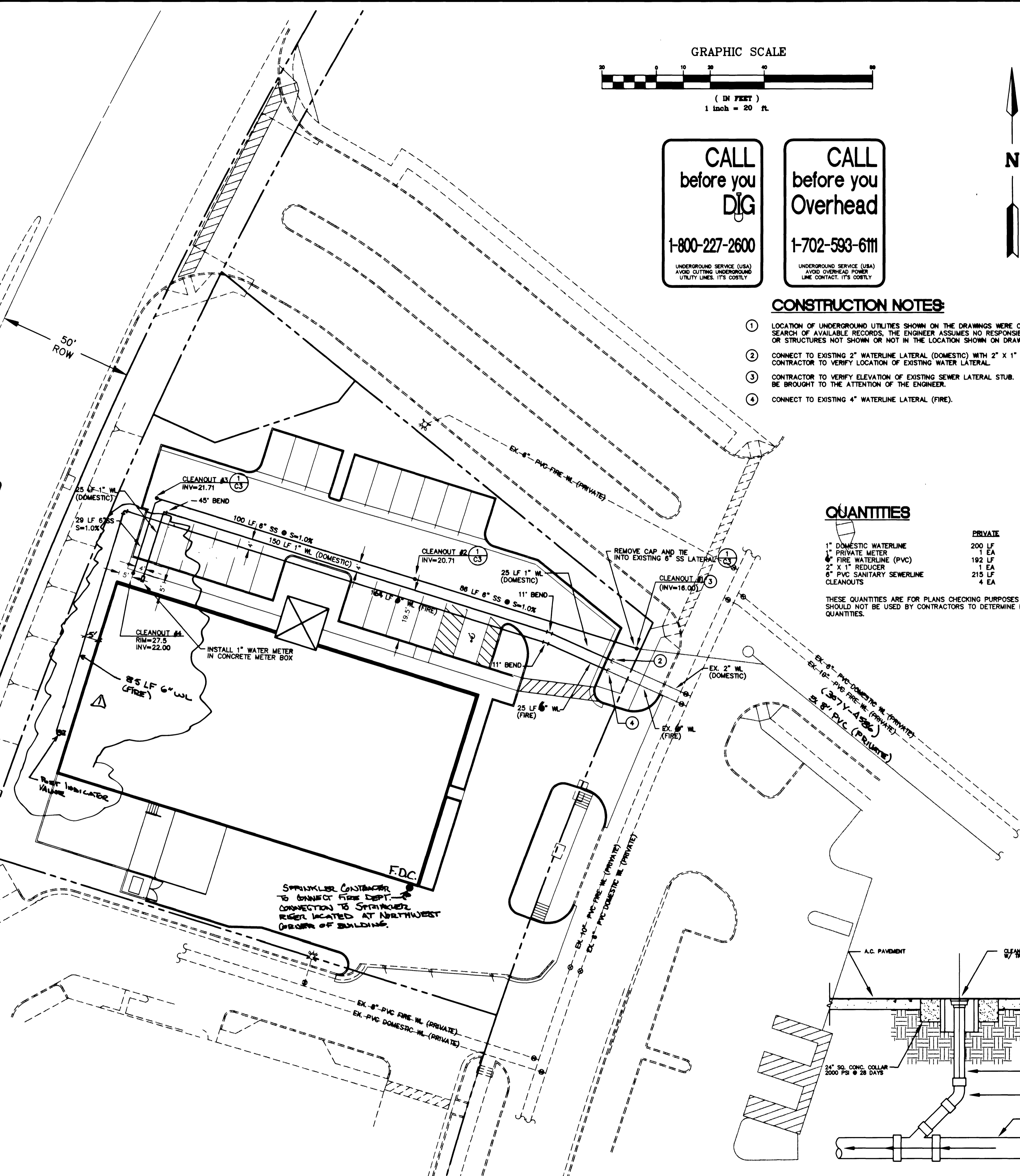
DESIGNED BY: [Signature] DATE: 1/24/01
 CHECKED BY: [Signature] DATE: 1/24/01
 PROJECT NO: 188.1
 FILE NAME: UT-1881
 CITY ENGINEER: [Signature] DATE: 1/24/01
 LAS VEGAS VALLEY WATER DISTRICT

MELVIN GREEN ARCHITECT, LTD. 3301 SPRING MOUNTAIN ROAD, SUITE 2 LAS VEGAS, NEVADA 89102 (702) 362-8674	3514 E. TROPICANA, SUITE 2 LAS VEGAS, NV, 89121 PH. (702) 597-2988 FAX. (702) 597-0309
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UTILITY PLAN
 MILTON HOMER FURNITURE SHOWROOM
 BOCA PARK SHOPPING CENTER

DRAWN BY: [Signature] DATE: 1/24/01	DESIGNED BY: [Signature] DATE: 1/24/01
CHECKED BY: [Signature] DATE: 1/24/01	PROJECT NO: 188.1
FILE NAME: UT-1881	
SCALE HORIZONTAL: 1"=20' VERTICAL: NA	
SHEET C3 3 OF 5 SHEETS PROJECT NO: 107-V3383	

RAMPART BOULEVARD (PUBLIC)



CLEAN-OUT DETAIL
 NTS

