

APPROVALS:

James A. Miller 11/8/88
 L.V.V.W.D. DATE
James A. Miller 11/8/88
 C.I.V. FIRE MARSHALL DATE
James A. Miller approved 3/6/89
 BUILDING DATA

LARGEST BUILDING AREA = 24,644 SF
 BLDG. CONSTRUCTION TYPE = V N
 BLDG. SPRINKLER SYSTEM = (X) YES () NO
 REQUIRED FIRE FLOW = 1750 GPM
 EXIST. STATIC WATER PRESSURE = 62.8 psi
 LARGEST AREA BETWEEN AREA SEPARATION WALLS = NOT REQUIRED
 BUILDING HEIGHT = ONE STORY
 EXPOSURES = 100'
 OCCUPANCY = B-2
 ROOF CONSTRUCTION = CLASS A FIRE RETARDANT 20 YR. BOND

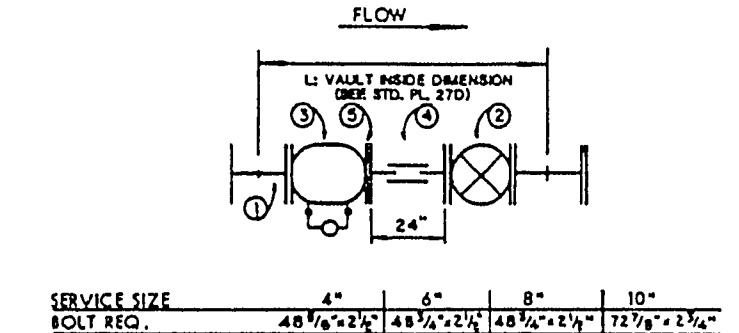
LAS VEGAS VALLEY WATER DISTRICT GENERAL NOTES:

- ALL WORK TO CONFORM TO THE LAS VEGAS VALLEY WATER DISTRICT LATEST STANDARD PLATES AND SPECIFICATIONS.
- ALL WORK, EXCEPT AS MODIFIED HEREON OR BY NOTE NO. 1, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA.
- NOTICE TO BE GIVEN ENGINEERING DEPARTMENT OF THE LAS VEGAS VALLEY WATER DISTRICT 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
- SERVICE SADDLES OR TAPPED COLLARS WILL BE REQUIRED ON ALL 3/4-INCH AND 1-INCH SERVICE LATERALS. SERVICE SADDLES ONLY WILL BE PERMITTED ON 1 1/2-INCH AND 2-INCH SERVICE LATERALS. DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
- ALL LINES TO BE PRESSURE TESTED TO 200 PSI.
- DEFLECTION ANGLES SHALL NOT EXCEED 2 1/2 DEGREES PER 13 FOOT SECTION OF PIPE FOR PIPE SIZES SMALLER THAN 14-INCHES, AND SHALL NOT EXCEED 2 DEGREES FOR PIPE SIZES BETWEEN 14-INCHES AND 16-INCHES.
- ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
- DETECTOR TAPE REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICATED ON THE PLANS AND AS FOLLOWS:
A. OVER ALL MAINS NOT INSTALLED AT 6 FEET FROM BACK OF CURB.
B. OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAINS.

CALL BEFORE YOU DIG - 1-800-227-2600

CITY OF LAS VEGAS FIRE DEPARTMENT NOTES:

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT "HYDRANT SPECIFICATIONS" AND "HYDRANT INSTALLATION SPECIFICATIONS".
- AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
A - KENNEDY GUARDIAN
B - MUELLER A-423 CENTURIAN
- ON ANY NEW HOME OR BUILDING CONSTRUCTION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMBUSTIBLE CONSTRUCTION COMMENCES AND SAID FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER WITH AN ADEQUATE WATER SUPPLY.
- CONTRACTOR SHALL PLACE A GREEN REFLECTIVE MARKER AT CENTERLINE OF STREET ADJACENT TO FIRE HYDRANTS.
- CALL THE LAS VEGAS FIRE DEPARTMENT AT 383-2888 FOR UNDERGROUND INSPECTION, PRESSURE AND FLUSH VERIFICATION OF ALL FIRE HYDRANTS AND FIRE LINES BEFORE COVERING.
- PAINTING OF THE CURBS AND HYDRANT AND ANY WORK NECESSARY FOR PROTECTION OF HYDRANTS FROM PHYSICAL DAMAGE PER THE "HYDRANT INSTALLATION SPECIFICATIONS" SHALL BE COMPLETED BEFORE APPROVAL OF THE HYDRANTS BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
- LAS VEGAS VALLEY WATER DISTRICT TO DETERMINE THAT HYDRANTS ARE CONNECTED TO A WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW.
- FIRE HYDRANT SPACING:
RESIDENTIAL 600 FT. MAXIMUM
COMMERCIAL 500 FT. MAXIMUM
FIRE HYDRANTS SHALL BE LOCATED WITHIN 500 FT. OF ANY CONSTRUCTION OR COMBUSTIBLE OPEN STORAGE, AND SHALL BE INSTALLED PRIOR TO CONSTRUCTION
- NO FIRE HYDRANT SHALL BE LOCATED WITHIN 6' OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREETLIGHT, OR ANY OTHER OBSTRUCTION.
- NO FIRE HYDRANT SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF A CUL-DE-SAC OR WITHIN 20' OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.
- A PERMIT MUST BE OBTAINED FROM THE FIRE DEPARTMENT FOR ONGITE FIRE WATER SYSTEM INSTALLATION PRIOR TO CONSTRUCTION



ITEM NO.	MATERIAL LIST DESCRIPTION	QTY.
1	Well Spools or Approved Equal	2
2	Service Size Gaskets	1
3	Detector Check with Bypass Meter HERSEY MODEL EDC 1 or Equal	1
4	2 1/2" x 1/2" Tee Spools with Dresser Coupling	1
5	Fire Hydrant located where shown	1
6	Service Size Gaskets	6

DETECTOR CHECK INSTALLATION (FIRE METER)

ROOF SLAB REINFORCEMENT			
TRAFFIC BEARING		NON-TRAFFIC BEARING	
ROOF SLAB SPAN	ROOF SLAB THICKNESS	ROOF SLAB SPAN	ROOF SLAB THICKNESS
	10"		8"
3'	#4 @ 10" EW	3'	#4 @ 8" EW
4'	#4 @ 8" EW	4'	#4 @ 10" EW
5' to 100' +	#4 @ 8" EW	5' to 100' +	#4 @ 8" EW