



### CONSTRUCTION NOTES:

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| <p>① Standard manhole, frame and cover. Size manhole to allow valve and operator to pass thru opening.</p> <p>② Stainless steel, traffic rated, access hatch with spring-assist opening mechanism.</p> <p>③ Install 8" PVC sch. 80 ventilation piping in 12" opening. Use link-seal assembly for passing through vault wall.</p> <p>④ Pipe support per STD-522-L. Set on ½" thick mortar epoxy pad.</p> <p>⑤ Seal pipe to wall joints using rubberized mechanical glands as manufactured by "Link-Seal".</p> | <p>⑥ Alhambra A-2020 Grate and Frame. 12" Diameter sump. 8" minimum depth.</p> <p>⑦ Install wall mounted steel ladder per STD-530-L.</p> <p>⑧ Install 2" air vac assembly per STD-515-L. Hang 2" copper pipe with plastic clic-system hardware.</p> <p>⑨ Main size x 2½" IPT service saddle with double stainless steel straps and nylon coated malleable iron body.</p> <p>⑩ Brass adapter, MIP x wrought copper, Lee 15-101</p> <p>⑪ 2" Corp. stop, IPT inlet and outlet.</p> <p>⑫ 2½" x 2" nylon bushing. MIP outlet x FIP inlet.</p> |
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### GENERAL NOTES:

1. Vaults may be cast in place or may be supplied as precast modular units provided that minimum loading requirements are met. Vaults subject to vehicular traffic shall be capable of sustaining CalTrans "H-20" loading. Vaults in parkway areas may be designed for CalTrans "H-5" loading. Walls and ceiling shall be a minimum of 6" thick and the vault base shall be a minimum of 8" thick. Sides of vault shall be reinforced with steel to withstand the specified loading.
2. Vault floor shall slope toward one corner toward sump.
3. Precast vaults shall be as manufactured by Brooks products, Quickset, or Utility Vaults company.
4. All pipe and wall joints shall be water tight.
5. Valve shall be centered under center of manhole.

CITY OF NEWPORT BEACH  
PUBLIC WORKS DEPARTMENT

APPROVED:

RCE NO. 36106

PUBLIC WORKS DIRECTOR

Drawn: M. Elias

Scale: N.T.S.

Date: Jan. 2004

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DRAWING NO.

STD-526-L

STANDARD VALVE VAULT