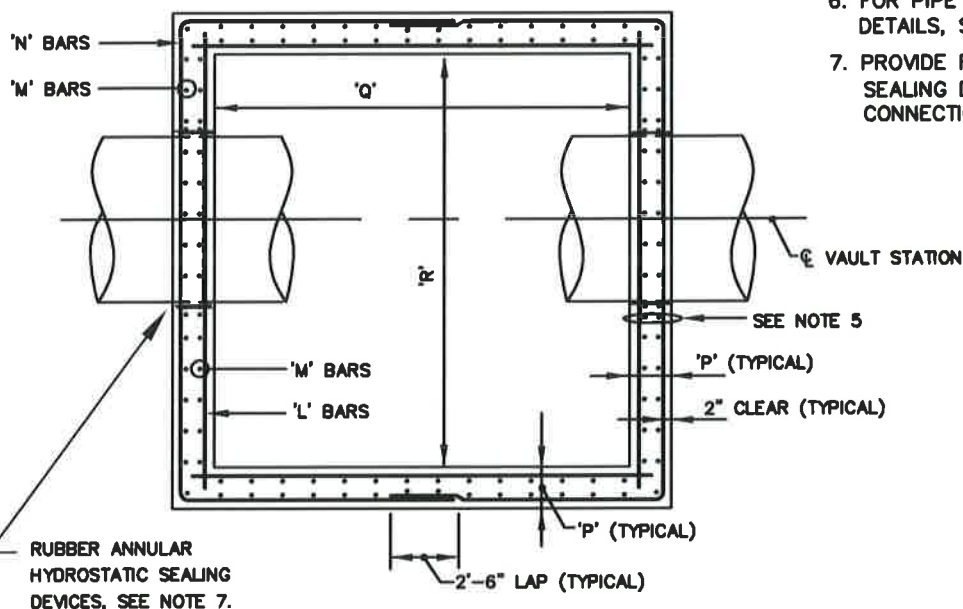


SECTION

H	Q	R	P	J	K	L	M	N
9'-6"	8'-0"	10'-0"	10"	#4@9"	#5@12"	#6@8"	#4@10"	#5@10"
12'-0"	10'-0"	10'-0"	12"	#4@10"	#5@10"	#6@7"	#4@9"	#5@7"

CAST IN PLACE CONCRETE VAULT NOTES:

1. $f'_c=4,000$ PSI @ 28 DAYS.
2. $f_y=60,000$ PSI.
3. VAULTS ARE DESIGNED FOR THE FOLLOWING CONDITIONS:
 - A. H-20 LOADING AND 1'-0" COVER PLUS IMPACT. (WATER TABLE 4'-0" BELOW FINISHED GRADE)
 - B. 5'-0" COVER AND 2'-0" SURCHARGE. (WATER TABLE 4'-0" BELOW FINISHED GRADE)
4. CONTRACTOR MAY USE PRECAST VAULT. SEE SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS.
5. PROVIDE REQUIRED ADDITIONAL 'L', 'M' AND 'N' BARS AROUND ALL PIPE PENETRATIONS.
6. FOR PIPE CONFIGURATION AND ADDITIONAL DETAILS, SEE DETAILS W/10.3 AND W/10.5.
7. PROVIDE RUBBER ANNUAL HYDROSTATIC SEALING DEVICES FOR PIPE THROUGH WALL CONNECTIONS, SEE SPECIFICATIONS.



PLAN

WASHINGTON
SUBURBAN
SANITARY
COMMISSION

APPROVED: 9/29/16

Chief Engineer

STANDARD DETAIL

CONCRETE VAULT
FOR ENTRY PORTS

W
10.6