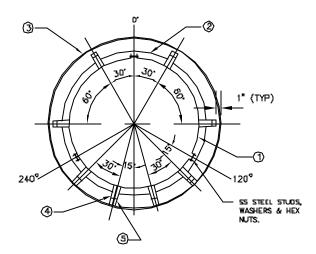
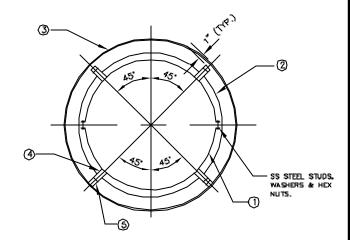
NOTE:
DELETE TUNNEL ACCESS MANHOLES WHEN
STANDARD DETAILS M/17.6, M/17.7 ARE USED.



RISER LOCATION FOR 14" THRU 36" CARRIER PIPE WITH 12" BAND WIDTH.

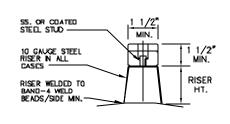


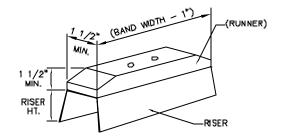
RISER LOCATION FOR CARRIER PIPE

12" DIA. & LESS WITH 8" BAND WIDTH.

- 1. BAND AROUND CARRIER PIPE
- 2. BELL
- 3. STEEL OR RCP CASING

- 4. RISER
- 5. RUNNER





RUNNER AND RISER DETAIL

CASING PIPE DIA.	20" STL. 21" RCP	22" STL 24" RCP		30"	36"	42"	48"	54"
CARRIER PIPE DIA.	8"	10"	12"	16"	20"	24"	30"	36"

NOTES: 1. SEE STD. M/17.7 FOR OTHER REQUIREMENTS.

2. THIS DETAIL IS ONLY USED FOR TUNNELS FOR WATER MAINS AND SEWER FORCE MAINS.

WASHINGTON SUBURBAN SANITARY COMMISSION APPROVED: SEP 12 2002

STANDARD DETAIL

CASING AND CASING SPACER DETAILS

M 17.6