



	NOMINAL DIAMETER OF BRANCH						
	3"	4"	6"	8"	10"	12"	14"
E	8"	10"	1'-6"	2'-0"	2'-9"	3'-0"	4'-3"
F	8"	10"	1'-6"	1'-9"	2'-0"	2'-6"	2'-6"
G	1'-0"	1'-0"	1'-3"	1'-9"	2'-6"	2'-9"	3'-6"
H	3"	3"	5"	5"	7"	8"	9"

NOTES:

1. CONCRETE STRENGTH $f'c = 3000$ PSI AT 28 DAYS.
2. BOTTOM SURFACE AND FRONT FACE OF BLOCK (ie. 2E & 2F) SHALL REST AGAINST UNDISTURBED GROUND.
3. DEPTH FROM FINISHED GRADE TO TOP OF TEE ASSUMED TO EQUAL 4'-0"; IF DEEPER USE STANDARD DETAILS, IF SHALLOWER SPECIAL BLOCK DESIGN IS REQUIRED.
4. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW INVERT OF TEE. IF GROUNDWATER TABLE IS ABOVE TEE INVERT SPECIAL BLOCK DESIGN IS REQUIRED.
5. SOFT OR ORGANIC SOIL CONDITIONS REQUIRE SPECIAL BLOCK DESIGN.
6. SPECIAL BLOCK DESIGN IS REQUIRED FOR TEES WITH BRANCH DIAMETER OF 16" AND LARGER.
7. DIMENSIONS FOR E, F, AND G ARE MINIMUMS REQUIRED. DIMENSION FOR H SHALL BE AS SHOWN. IF DIMENSION E IS INCREASED, MAINTAIN CLEARANCE BETWEEN CONCRETE AND MECHANICAL JOINT TO ALLOW FOR BOLT REMOVAL.
8. TEST PRESSURES (WORKING & SURGE) ABOVE 300 PSI WILL REQUIRE SPECIAL BLOCKING DESIGN.

CHARLES COUNTY GOVERNMENT

DEPARTMENT OF PLANNING & GROWTH MANAGEMENT

APPROVED:

[Signature] 6/29/95
DIRECTOR OF DEVELOPMENT SERVICES DATE

[Signature]
WATER / SEWER ENGINEER

6/29/95
DATE

STANDARD DETAIL

THRUST BLOCKS FOR
TEES & TAPPING
ASSEMBLIES

REVISIONS:

B
1.01