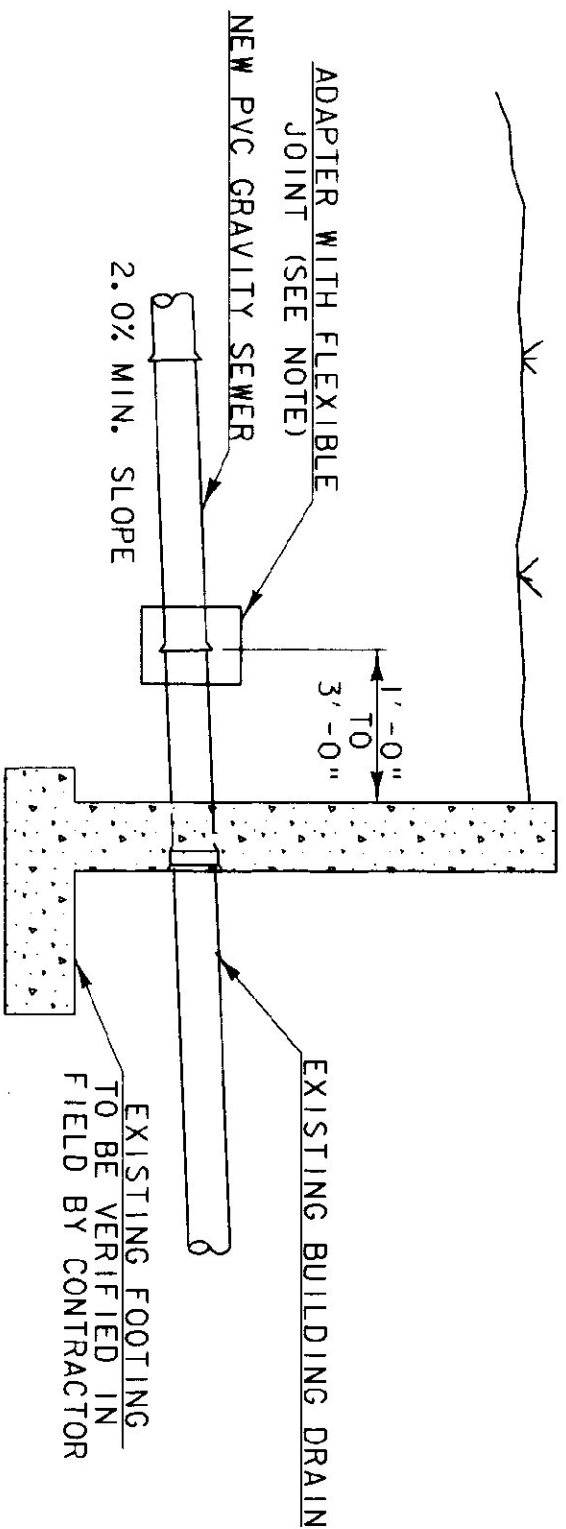
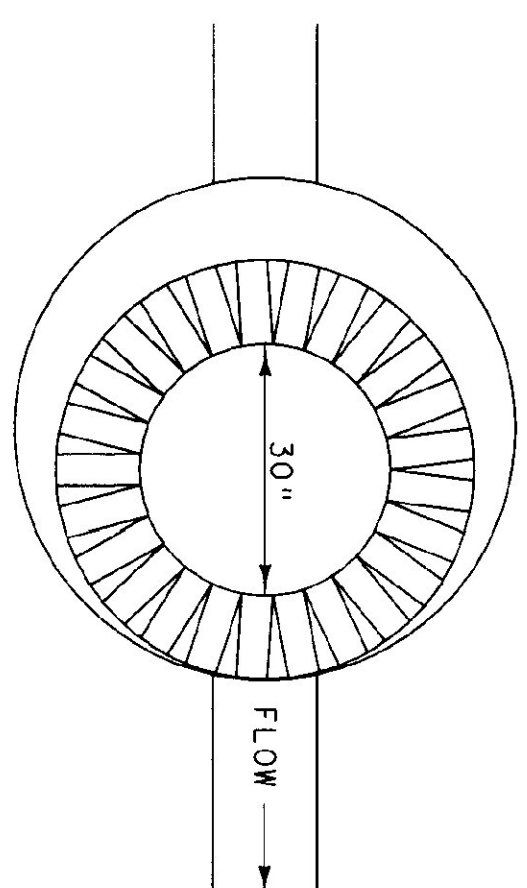




NOTES:
1. JOINTS SHALL HAVE A NEOPRENE OR ELASTOMERIC GASKET FOR WATER TIGHTNESS. ALL JOINTS SHALL BE PROPERLY MATCHED WITH THE PIPE MATERIALS USED. WHERE DIFFERING MATERIALS ARE TO BE CONNECTED, APPROPRIATE ADAPTERS SUCH AS "FERNCO" OR EQUIVALENT SHALL BE USED.

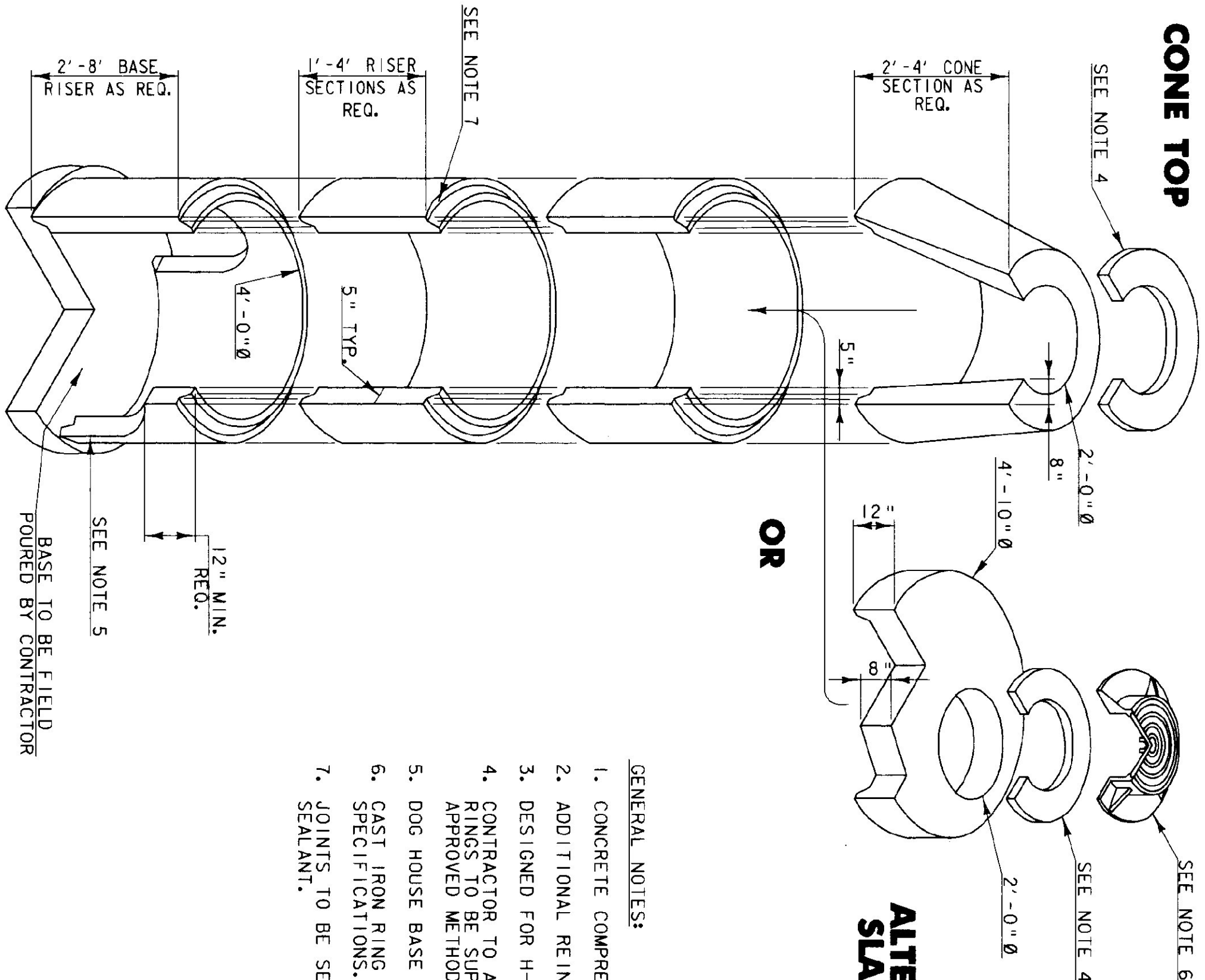
2. INSULATE PIPE WITH 2" RIGID INSULATION WHERE LESS THAN 3'-0" OF COVER IS PROVIDED.

BUILDING SEWER CONNECTION



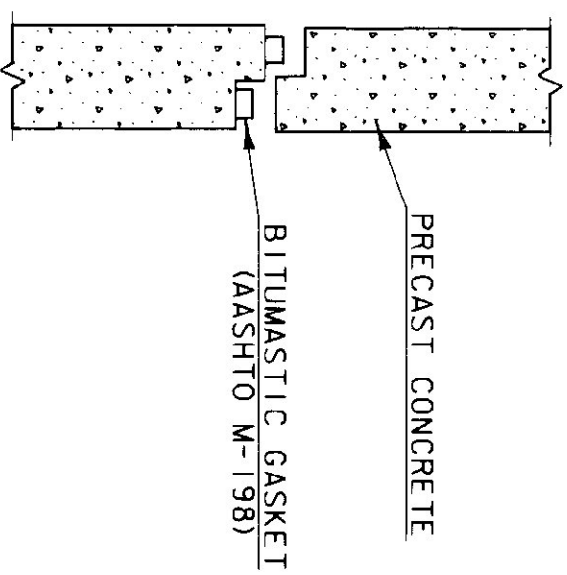
OR

ALTERNATE SLAB TOP

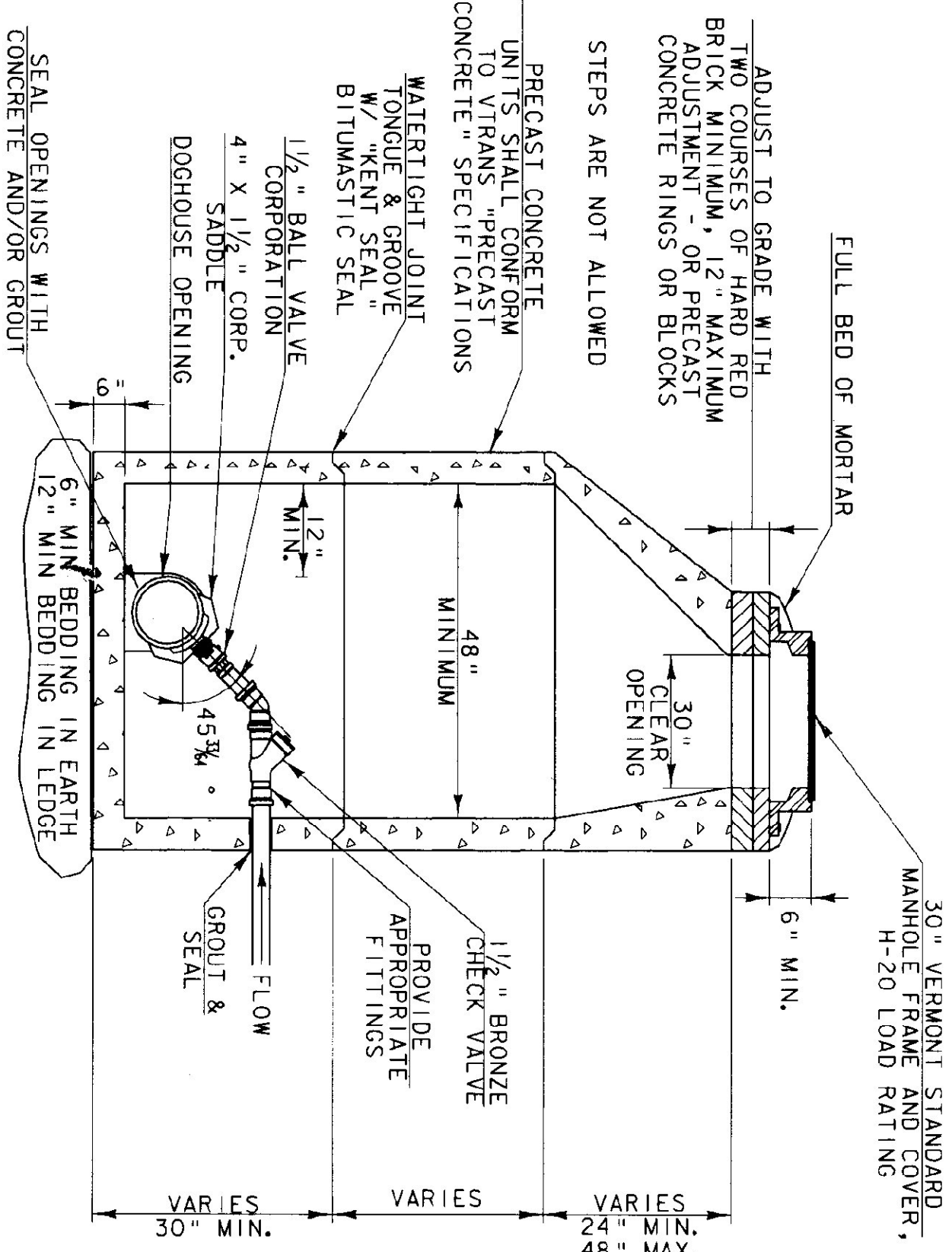


- GENERAL NOTES:
1. CONCRETE COMPRESSIVE STRENGTH 4,000 PSI MIN.
 2. ADDITIONAL REINFORCING REQUIRED AT OPENINGS.
 3. DESIGNED FOR H-20 LOADING.
 4. CONTRACTOR TO ADJUST TO GRADE AS REQ. 4" GRADE RINGS TO BE SUPPLIED OR TO BE FIELD ADJUSTED, USING APPROVED METHODS, BY CONTRACTOR.
 5. DOG HOUSE BASE RISER TO BE SET OVER EXISTING LINE.
 6. CAST IRON RING AND COVER TO BE AS PER SPECIFICATIONS.
 7. JOINTS TO BE SEALED WITH PRE FORMED BUTYL RUBBER SEALANT.

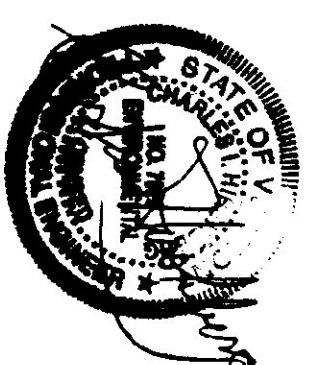
DOGHOUSE DETAIL



FORCE MAIN CONNECTION/MANHOLE DETAIL



ALL DETAILS NOT TO SCALE



PRECAST JOINT DETAIL



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PROJECT NAME: BARTON STATE HIGHWAY GARAGE	PLOT DATE: 03/07/2002
PROJECT NUMBER: 01-0120	DRAWN BY: PGJ
FILE NAME: 01-0120b.dgn	CHECKED BY: JMS
PROJECT LEADER: CIH	SHEET 4 OF 5
DESIGNED BY: JMS	
C/D REFERENCE NO.: 01-0120	