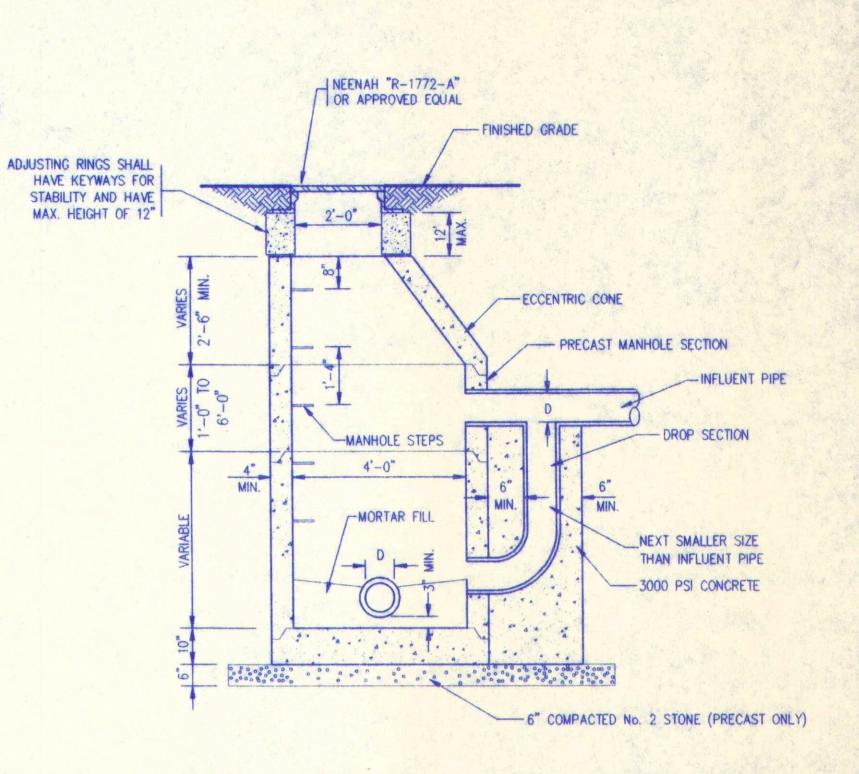


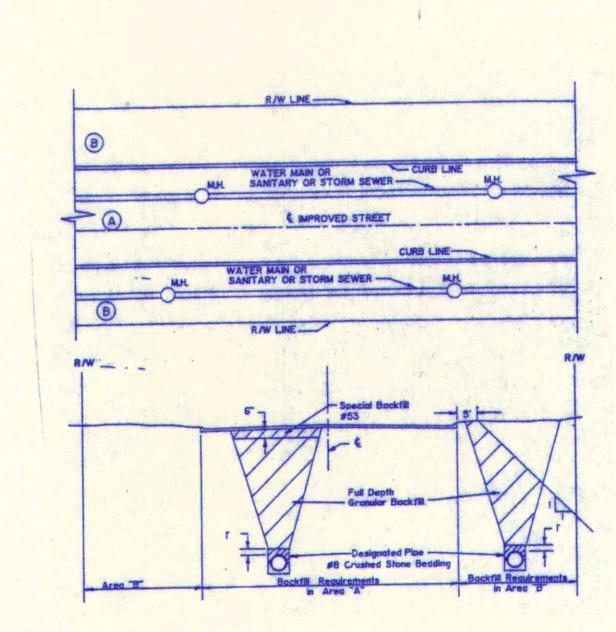
MANHOLE STEPS SHALL BE POLYPROPYLENE, POLYPROPYLENE
COATED STEEL REINFORCING OR APPROVED NON-CORROSIVE
FIBERGLASS MATERIAL. COPOLYMER POLYPROPYLENE SHALL MEET
ASTM D-4101 REINFORCED WITH DEFORMED 3/8" STEEL MEETING
ASTM A-615, GRADE 60.
 MANHOLE CONFORMS TO ASTM C-478

2. MANHOLE CONFORMS TO ASTM C-478
JOINT CONFORMS TO ASTM C-443



3 DROP MANHOLE
SCALE: N.T.S.

## SANITARY MANHOLE



## Approved Excavated Material Compacted to 96% Special Conditions Only PIPE LINE #6 Stone Bedding

Special Backfill of #53 Stone Reg'd for pipe crossing R/W to R/W

R/W LINE -

## BACKFILL REQUIREMENTS

(FOR PIPELINES WITHIN RIGHT-OF-WAY FOR IMPROVED STREETS)

## AS-BUILT

BACKFILL REQUIREMENTS

(FOR PIPELINES CROSSING RIGHT-OF-WAY FOR IMPROVED STREETS)

										· About		
FILE NA	AME: A	BDETAIL	PLOT SCALE:	1=1	PLOT DATE	: 11/03	TRIAD	APPROVED BY W. FRAZE		CREEK REGIONAL HICKORY HILLS SU		
							ASSOCIATES	No. 17208	STANDARD SANITARY SEWER DETAILS			
							INC.	STATE OF ANDIANA	DAP DESIGNED BY:	SCALE AS NOTED  Robert P. Walk	94025 <b>13</b>	/
NO.	DATE		DESCRIP	TION		BY	INDIANAPOLIS, INDIANA	James W.E.	CHECKED BY:	James W. Frazell,	P.E. OF	13