

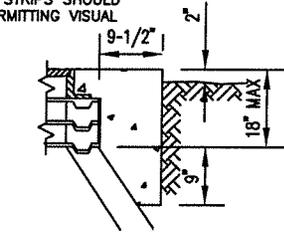
CLEAN AND APPLY ONE BRUSH COAT OF RAM-NEK PRIMER TO BOTH MATING SURFACES AND ALLOW TO DRY.

REMOVE WRAPPER ON ONE SIDE OF RAM-NEK STRIP & PRESS FIRM TO THE DRY, PRIMED SURFACE. ATTACH STRIPS END TO END, FORMING A CONTINUOUS GASKET AROUND THE ENTIRE CIRCUMFERENCE.

REMOVE WRAPPER FROM THE OTHER SIDE OF THE STRIPS. CAREFULLY LOWER THE MANHOLE SECTION ONTO THE GROOVE.

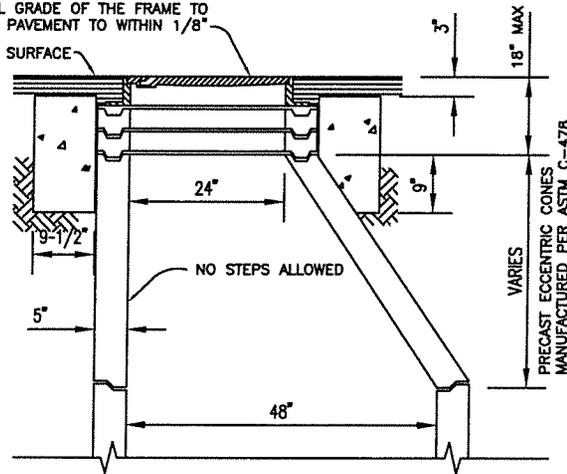
RAM-NEK GASKET STRIPS SHOULD SQUEEZE OUT, PERMITTING VISUAL INSPECTION.

DETAIL A: RAM-NEK® GASKETS
For ALL manhole joints



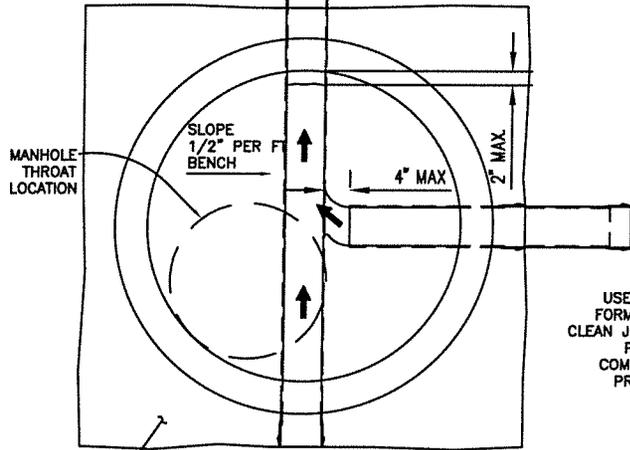
DETAIL B: COLLARS IN UNPAVED AREAS

MATCH FINAL GRADE OF THE FRAME TO THAT OF THE PAVEMENT TO WITHIN 1/8"



UPPER MANHOLE SECTION (ROTATED 45 DEGREES)

NO WYE OR TEE FITTING SHALL BE INSTALLED WITHIN 12" OF THE MANHOLE.



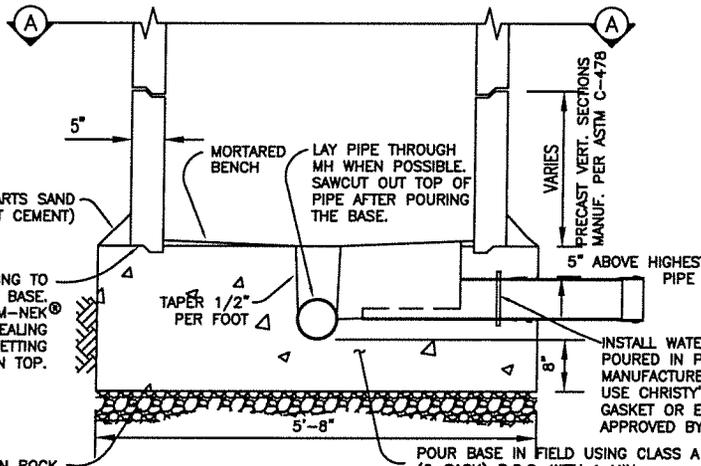
BASE SECTION A-A

CAN POUR A SQUARE OR ROUND BASE

MORTAR (2 PARTS SAND TO 1 PART CEMENT)

USE METAL FORMING RING TO FORM A RECESS IN THE BASE. CLEAN JOINT & INSTALL RAM-NEK® PREFORMED JOINT SEALING COMPOUND PRIOR TO SETTING PRECAST SECTIONS ON TOP.

9" OF 3/4" CLEAN DRAIN ROCK (CLASS 1, TYPE B PERMEABLE & VIRGIN UNLESS OTHERWISE PERMITTED) IF WATER IS ENCOUNTERED



BASE SECTION

POUR BASE IN FIELD USING CLASS A (6-SACK) P.C.C. WITH A MIN. 28-DAY STRENGTH OF 3,500 psi. PRIOR TO DOING SO, SUBMIT THE MIX DESIGN FOR APPROVAL. PRECAST BASES CAN BE USED IF PERMITTED.

VARIES PRECAST VERT. SECTIONS MANUF. PER ASTM C-478

5" ABOVE HIGHEST PIPE

INSTALL WATERSTOP FOR POURED IN PLACE BASES PER MANUFACTURER'S SPECIFICATION. USE CHRISTY'S MANHOLE WATER-STOP GASKET OR EQUIVALENT AND AS APPROVED BY CITY.

CITY OF PACIFICA
DEPARTMENT OF PUBLIC WORKS
WASTEWATER DIVISION

STANDARD
SANITARY SEWER COLLECTION SYSTEM
STANDARD MANHOLE

△	2/12/2020	MFA	SEP 2013
△			
REV	DATE	BY	CREATED BY: M. Aguilar

DWG. NO.
WW102