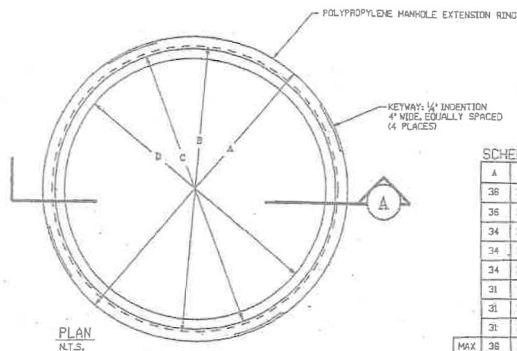


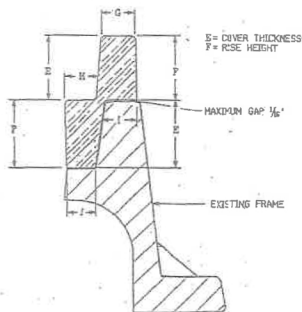
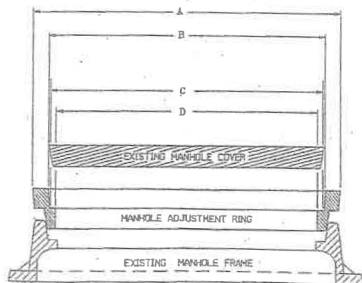


SCHEDULE

A	B	C	D	E	F*	G	H	I	J
36	33 1/2	33	31	1 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
36	33 1/2	33	31	1 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
34	32	31 1/2	30	1 1/2	1	1	1	1	1
34	32	31 1/2	30	1 1/2	1	1	1	1	1
34	32	31 1/2	30	1 1/2	2	1	1	1	1
31	29	28 1/2	27	1 1/2	1	1	1	1	1
31	29	28 1/2	27	1 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
31	29	28 1/2	27	1 1/2	2	1	1	1	1
MAX	36	34	33 1/2	31 1/2	2	3	1 1/4	1	1 1/4
MIN	22	20	19 1/2	17 1/2	1 1/4	1	1	1	1

(SIZES ARE IN INCHES) F* = DIMENSION TO BB IN INCHES OF 1/4"

NOTE:
THE TABLE ABOVE REPRESENTS THE MOST COMMONLY AVAILABLE SIZES. IN ADDITION, RINGS ARE AVAILABLE IN OTHER CIRCUMFERENCES AND OVERLAY AND COVER THICKNESSES AS REQUIRED. NOTE THE ABOVE MAXIMUM AND MINIMUM DIMENSIONS. CONSULT MANUFACTURER FOR ADDITIONAL SPECIFICATIONS.



NOTES:

A. MATERIALS

- 1) RING NAME: E.g. POLYPROPYLENE - FIBERGLASS RING
- 2) ADHESIVE - 3M 4633 ADHESIVE OR EQUAL AS APPROVED BY THE MATERIALS BUREAU.

TABLE - TECH DATA

TECHNICAL PROPERTY DATA	RANGE OF VALUES	ASTM METHOD
FIBERGLASS CONTENT, %	13-17	
MELT FLOW, g/10 min.	2-4	D1238
SPECIFIC GRAVITY	.99-1.02	D792
TENSILE STRENGTH psi @ 73°F (23°C)	3,000-4,000	D638
FLEXURAL MODULUS, (Tangent) psi	375,000-425,000	D790
IZOD IMPACT, ft-lb/in @ 73°F (23°C) Notched 1/2" x 1/8"	1.3-1.7	D256
GARDNER IMPACT, in-lb	8-12	D3829
HEAT DEFLECTION, °F		
425 psi	260-270	D648
68 PSI	270-290	D648
HARDNESS SHORE D	64-68	D2240

B. GENERAL

- 1) DIMENSIONS MAY VARY TO MEET EXISTING FIELD CONDITIONS. ANY CHANGE IN DIMENSIONS SHALL BE APPROVED BY THE DIRECTOR, MATERIALS BUREAU.
- 2) MAXIMUM ADJUSTMENT HEIGHT = 3"
- 3) FABRICATION TOLERANCES = 1/16"

C. INSTALLATION INSTRUCTIONS

- 1) REMOVE COVER FROM MANHOLE FRAME
- 2) CLEAN FRAME WITH WIRE BRUSH SO THAT ADHESIVE WILL BOND
- 3) SELECT RING TO MATCH OVERLAY OF ASPHALT
- 4) PLACE RING INTO FRAME TO INSURE THAT BOTH FLAT SURFACES OF THE RING ARE SUPPORTED BY THE MANHOLE FRAME
- 5) REMOVE RING FROM FRAME AND APPLY ADHESIVE TO BOTH SURFACES OF THE FRAME AND RING THAT CONTACT EACH OTHER
- 6) ALLOW ADHESIVE TO TACK FOR TWO MINUTES
- 7) INSTALL RING INTO FRAME
- 8) SLIDE COVER INTO EXTENSION RING
- 9) READY FOR RESURFACING

ITEM - MANHOLE ADJUSTMENT RING

TURNER COMPANY

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phone (919) 782-8114

DATE	BY	CHKD	APP'D

NO. FILED DATE FILED NO. FILED DATE FILED NO. FILED DATE FILED