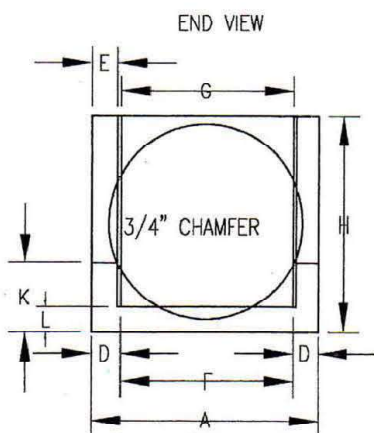


1. PRECAST IN ACCORDANCE WITH LATEST EDITIONS OF ASTM C478
2. PIPES SHALL BE FLUSH WITH INSIDE WALL
3. CONCRETE DESIGN STRENGTH 4000 PSI
4. STEEL DESIGN SHALL BE BY THE PRECAST COMPANY FOR HEAVY DUTY LOADING



The image displays two orthographic views of a mechanical component: a side view and a top view.

SIDE VIEW: This view shows the profile of the part. The total height is labeled H , and the height of the rectangular base is labeled J . The base has a width labeled C . The sloped top surface is labeled N . The length of the part is labeled M . On the right end, there are three vertical dimensions: K (top section), L (middle section), and an unlabeled bottom section.

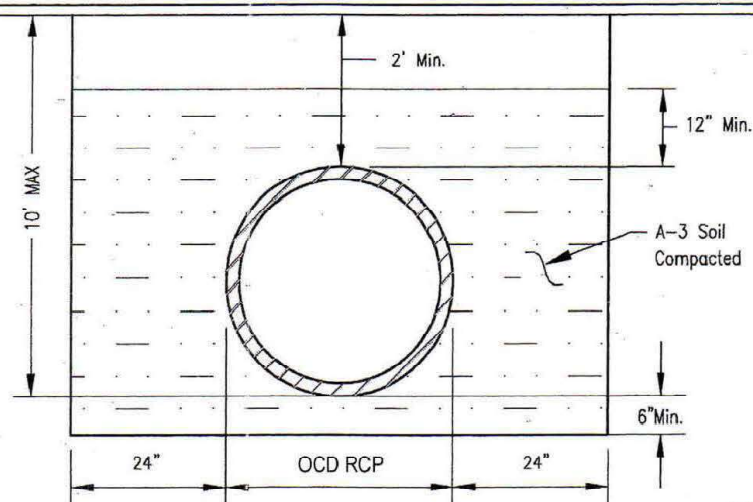
TOP VIEW: This view shows the plan of the part. The total width is labeled A . The width of the rectangular base is labeled B . The width of the sloped top surface is labeled C . The length of the part is labeled E . The distance from the base to the top surface is labeled F . The distance from the base to the bottom surface is labeled D . A chamfer is indicated on the top surface with the label $3/4"$ CHAMFER.

RCP	A	B	C	D	E	F	G
15"-18"	2'-7"	2'-1"	6"	6"	6 3/4"	1'-6"	1'-3"
24"	2'-11"	2'-8"	6"	5"	4 1/2"	1'-11"	2'-0"
30"	3'-6"	3'-2"	6"	6"	5 1/2"	2'-5"	2'-6 1/2"
36"	4'-1"	3'-10"	6"	7"	5 1/2"	2'-9"	3'-0"

RCP	H	J	K	L	M	N
15"-18"	2'-10"	2'-4"	8"	6"	6'-10"	7'-0"
24"	3'-6"	3'-1"	7 1/2"	5"	10'-0"	10'-1/2"
30"	3'-9"	3'-5"	7"	5"	11'-5"	11'-8 1/4"
36"	4'-6"	4'-0"	6"	6"	14'-0"	14'-4 1/2"

NOTES:

1. PIPE SIZES ALLOWED: 15" THROUGH 36"
2. PIPE SIZES LARGER THAN 24 INCHES MAY NOT BE INSTALLED UNDER ROADWAYS.
3. RUBBER OR NEOPRENE GASKETS REQUIRED
4. HYDROSTATIC FIELD TESTING REQUIRED OR WRAP JOINTS WITH FILTER FABRIC
5. MAXIMUM FILL HEIGHT IS TEN FEET
6. MINIMUM COVER OVER PIPE IS TWO FEET
7. MAXIMUM DEFLECTION IS 5%
8. PIPES SIZES LARGER THAN 24" SHALL BE TESTED FOR DEFLECTION USING A MANDREL. HOWEVER DURING VISUAL INSPECTION, SHOULD THE ENGINEER OR THE CITY ENGINEER [OR HIS DESIGNEE] DETERMINE THAT THESE APPLICATIONS [FOR PIPE 24" OR LESS] WARRANT MANDREL TESTING, A MANDREL TEST WILL BE REQUIRED
9. PIPE TRENCH SHALL BE EXCAVATED A MINIMUM OF 6" BELOW AND 24" ON EITHER SIDE OF THE PIPE
10. BEDDING AND BACKFILL SHALL BE EITHER CRUSHED STONE / GRAVEL OR A - 3 SOIL
11. MITERED END SECTIONS MUST BE FABRICATED FROM ANOTHER APPROVED CULVERT MATERIAL
12. PIPE SPECIFICATIONS TO BE IN ACCORDANCE WITH THE CITY'S LAND DEVELOPMENT PROCEDURES MANUAL
13. SEE GENERAL NOTES SHEET FOR ADDITIONAL SPECIFICATIONS
14. SEE THE EARTH WORK DETAIL FOR COMPACTION REQUIREMENTS



N.T.S.

MITERED END SECTION

REINFORCED CONCRETE PIPE (RCP) TRENCH