

ITEM # 6 (NCA)
JACKSONVILLE RANCH CLUB 1
APPROVED CULVERT DETAIL

NOTES:

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

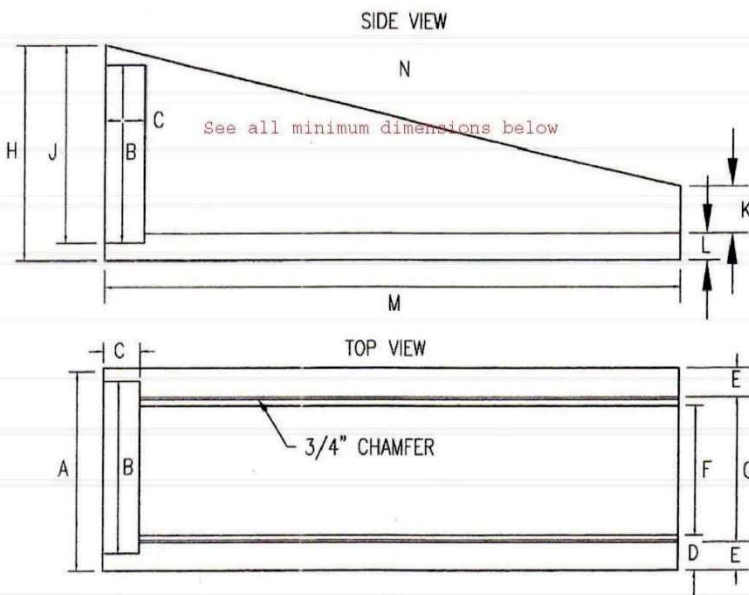
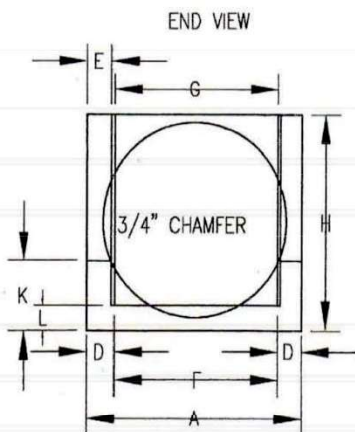


TABLE OF DIMENSIONS

RCP	A	B	C	D	E	F	G
15"-18"	2'-7"	2'-1"	6"	6"	6 3/4"	1'-6"	1'-7"
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 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"

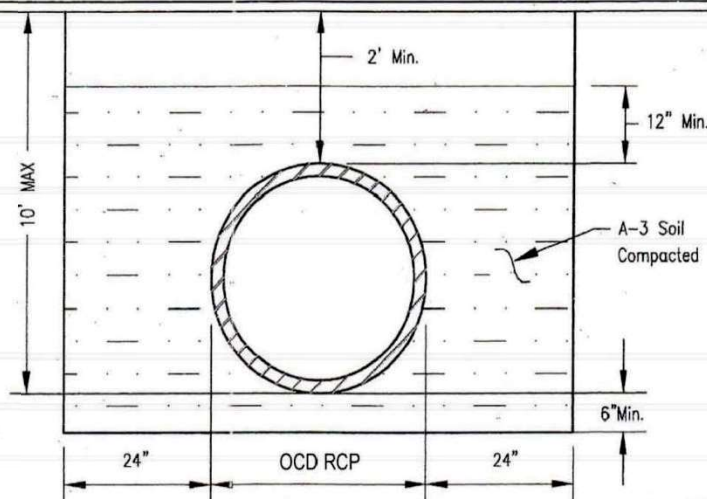
N.T.S.

MITERED END SECTION

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 CULVERT MATERIAL

SEE GENERAL NOTES SHEET FOR ADDITIONAL SPECIFICATIONS
 SEE THE EARTH WORK DETAIL FOR COMPACTION REQUIREMENTS



N.T.S.

REINFORCED CONCRETE PIPE (RCP) TRENCH