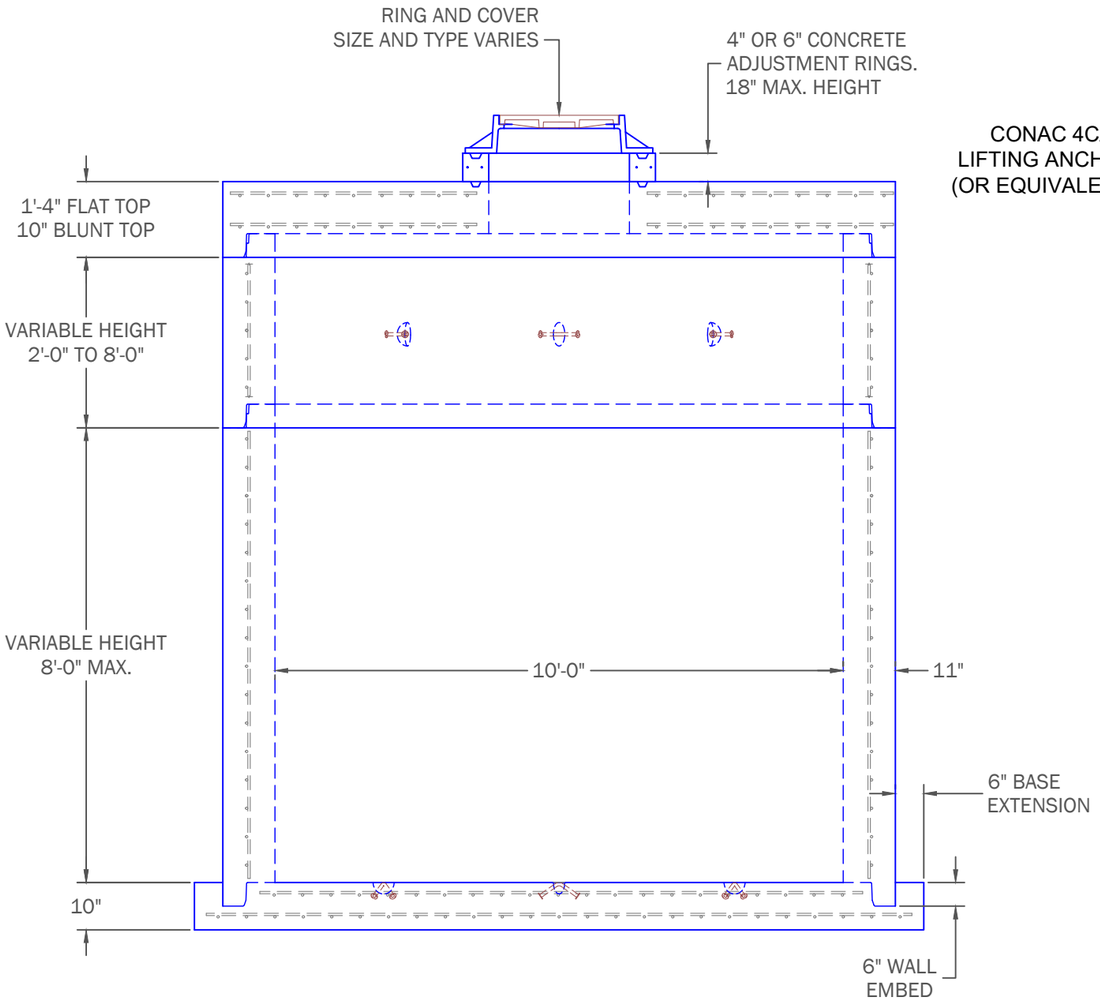
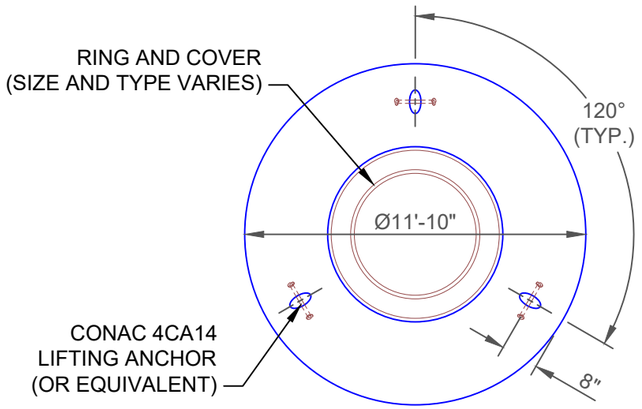
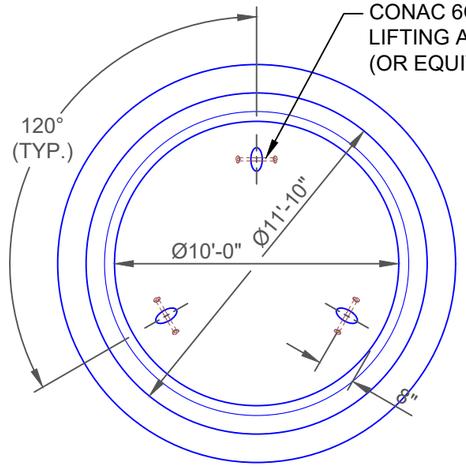


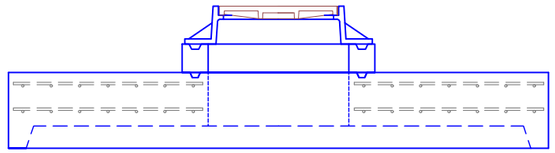

ELEVATION




PLAN VIEW - FLAT TOP
SHOWING LIFTING ANCHOR LOCATIONS

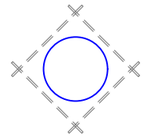



PLAN VIEW - MANHOLE BASE
SHOWING LIFTING ANCHOR LOCATIONS

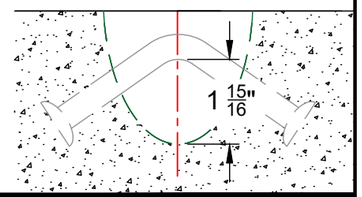


## NOTES:

1. ALL MANHOLES MEET CURRENT ASTM C478 SPECIFICATIONS.
2. DIMENSIONAL TOLERANCES (+- $\frac{3}{8}$") NOT SHOWN ON THE JOINT DETAIL WILL BE IN ACCORDANCE TO ASTM C990; SECTION 7 "DESIGN OF JOINTS", SUBSECTION 8 "PERMISSIBLE VARIATION IN DIMENSIONS"
3. ALL REINFORCING IS GRADE 60 MINIMUM.
4. FOR ROUGH CUT OPENINGS, NON-SHRINK GROUT MEETING MANHOLE SPECIFICATIONS WILL BE USED FOR PIPE TO MANHOLE CONNECTIONS.
5. FOR PREFORMED GASKET CONNECTIONS, USE ALOK GASKETS AS MANUFACTURED BY A-LOK PRODUCTS, CORP.
6. JOINTS BETWEEN MANHOLE SECTIONS TO BE SEALED WITH TWO WRAPS OF EXTENDED BUTYL RUBBER JOINT MASTIC MEETING MANHOLE SPECIFICATIONS.



REINFORCING DETAIL
TYPICAL AT PIPE BLOCKOUTS




McPHERSON CONCRETE COMPANIES

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## DESIGN INFORMATION:

*- F'c = 4,000 PSI*
*- Fy = 60,000 PSI*

## STRUCTURE WEIGHTS:

*TOP = XX,XXX lbs*
*R1 = XX,XXX lbs*
*BR = XX,XXX lbs*

## *LIFTING INFORMATION*

*F'c = 1,200 PSI*
*MIN CHOKER LENGTH = 10'-0"*

| Rev. | Date | Desc. |
|---|---|---|
| 0-0 | 5/12/21 | RELEASE |
| | | |

| Job # | Project: | Client: | Drawn By: | Date: | Structure Type: | Structure ID: | Station Number: |
|---|---|---|---|---|---|---|---|
| - | - | - | JN | 6/12/23 | 120" MANHOLE STANDARD | - | - |