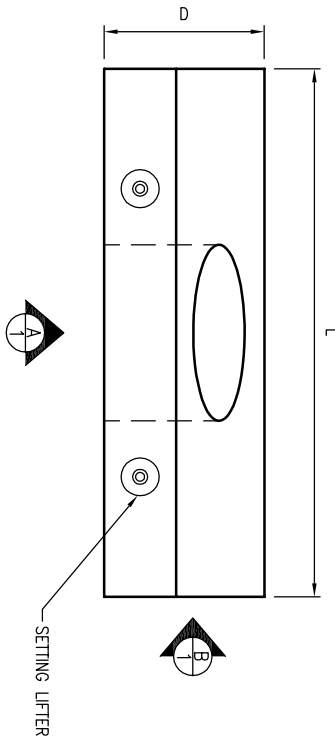


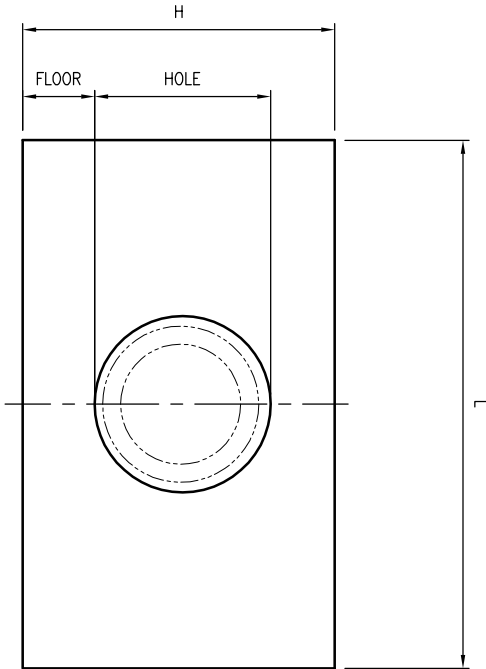


GENERAL DESIGN NOTES:

1. DESIGN PER NCDOT #838.01
2. CONCRETE STRENGTH : $f'_c = 4000$ PSI
3. REINFORCING : ASTM A615 GRADE 60

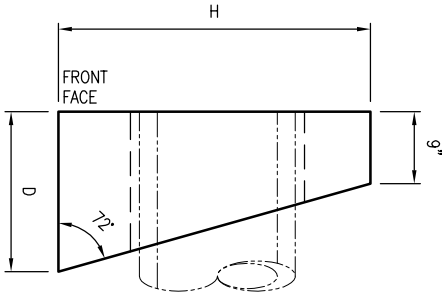


PLAN VIEW
SCALE: 1/2" = 1'-0"



VIEW A
SCALE: 1/2" = 1'-0"

| ENDWALLS DIMENSIONS & WEIGHTS | | | | | | | |
|-------------------------------|--------|-------|--------|--------|--------|---------------------------|----------------|
| PIPE SIZE | L | H | D | HOLE | FLOOR | WEIGHT (LBS) 8-TON LIFTER | UTILITY ANCHOR |
| 15" | 5'-6" | 3'-3" | 1'-8" | 1'-10" | 9" | 2,800 | 2 |
| 18" | 6'-4" | 3'-7" | 1'-10" | 2'-2" | 8 1/2" | 3,700 | 2 |
| 24" | 8'-0" | 4'-2" | 2'-1" | 2'-10" | 8" | 5,800 | 2 |
| 30" | 9'-2" | 5'-0" | 2'-6" | 3'-4" | 10" | 9,100 | 2 |
| 36" | 11'-0" | 5'-8" | 2'-8" | 4'-0" | 10" | 12,800 | 4 |
| 42" | 12'-8" | 6'-2" | 3'-1" | 4'-7" | 10" | 17,800 | 4 |
| 48" | 14'-4" | 6'-9" | 3'-5" | 5'-4" | 8" | 23,200 | 4 |



VIEW B
SCALE: 1/2" = 1'-0"

REVISIONS

| REV | DATE | BY | SHEET | DESCRIPTION OF REVISION | REQUESTED BY |
|-----|------|----|-------|-------------------------|--------------|
| A | | | | | |
| B | | | | | |

THIS MUST BE FILLED OUT BEFORE MANUFACTURING BEGINS

APPROVED W/ NO EXCEPTIONS TAKEN: ☐

APPROVED AS NOTED: ☐

REVISED AND RESUBMIT: ☐

SIGNATURE

DATE



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ENDWALL

SUBMITTAL LAYOUT
NCDOT #838.01

CUSTOMER

| DATE | SALES | DRAWN | ENGINEER | CHECKED | SALES ORDER |
|----------------|---------|----------|----------|---------|-------------|
| 7/31/17 | — | PPS | — | — | — |
| DRAWING NUMBER | ENDWALL | REV DATE | 1 | OF | 1 |