1. MINIMUM 8 GAUGE ABRASION RESISTANT STEEL CONSTRUCTION THROUGHOUT HAVING MINIMUM 50,000 PSI YIELD STRENGTH EXCEPT WHERE MATERIAL IS SPECIFICALLY NOTED.
2. FLOOR TO SIDEWALL TO BE FULLY WELDED ONE PIECE 1/4” AR400 STEEL FLOOR.
3. REAR APRON, CORNER POSTS AND FRONT AND REAR SIDEBOARDS POCKETS TO BE 304 STAINLESS STEEL.
4. ALL BODY PLATES SHALL BE ONE PIECE (NO SPlicing)
5. ALL WELDS IN BODY ARE TO BE CONTINUOUS.

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION + BUREAU OF MECHANICAL SERVICES
4 - 6 CUBIC YARD CROSS
MEMBER-LESS DUMP BODY

SPEC PLAN IS ONLY FOR INFORMATIONAL PURPOSES, WRITTEN SPEC. IS THE ULTIMATE AUTHORITY.
inside dimensions: 9' long x 7' wide
4-yard water level with 6-yard ends

"o" ring shall be installed on inside of tailgate

2" radius or 2" x 2" bump formed chamfer
(splicing not allowed)

wiring conduit to have \( \frac{1}{4} \)" lip above cab protector

see detail d

tie down rails constructed from \( \frac{3}{8} \)" rebar on 1 1/4" risers

8" minimum full length pleated horizontal brace between top rail and rub rail

tie down rails constructed from \( \frac{3}{8} \)" rebar on 1 1/4" risers

32" cab protector
cab protector height to be determined by state agency

full box construction tailgate reinforced with vertical and horizontal box bracing must be capable of swinging open through 180 degree arc

3/4" hole for lighting system wiring

see detail a & c

state of new hampshire

4 - 6 cubic yard cross
member-less dump body

spec plan is only for informational purposes. written spec. is the ultimate authority.
1" hole located in web of I-beam as close to rear apron as possible and lower flange as possible.
DETAIL B

$\frac{1}{2}''$ PLATE
$\frac{1}{16}''$ HOLE ON CENTER

46'' FROM FLOOR OF DUMP BODY TO CENTER OF HOLE
DETAIL C

HOLE LOCATED ON LEFT SIDE ONLY

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4 - 6 CUBIC YARD CROSS
MEMBER-LESS DUMP BODY

SPECF PLAN IS ONLY FOR INFORMATIONAL PURPOSES. WRITTEN SPEC. IS THE ULTIMATE AUTHORITY.
DETAIL D

SECTION A - A'

INSTALL TIE DOWN PLATES IN BETWEEN THE TWO HORIZONTAL BRACES

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4 - 6 CUBIC YARD CROSS MEMBER-LESS DUMP BODY

SPEC PLAN IS ONLY FOR INFORMATIONAL PURPOSES. WRITTEN SPEC. IS THE ULTIMATE AUTHORITY.
3/4" DIA. HOLE

3" R

3"

11"

INNER AND OUTER EDGE SHARE
SAME DIMENSION

INTERIOR SIDEBOARD POCKET PLATE TO
TO BE 3" MAX. TO AVOID INTERFERING
WITH HYDRAULIC SLIDE-IN SPREADER
HOLD DOWN DEVICE.