

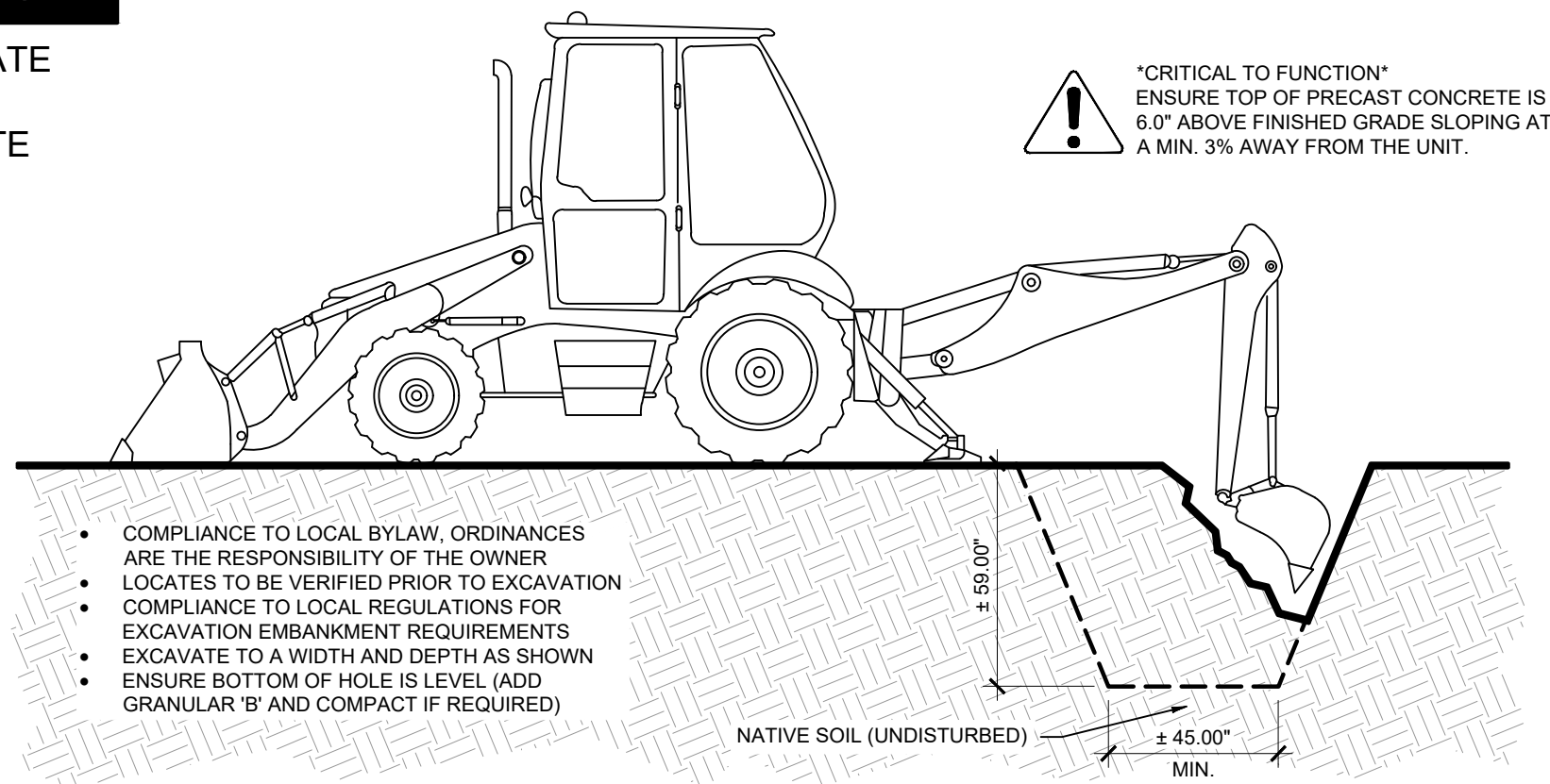


INSTALLATION INSTRUCTIONS FOR SUTERA FISH UNIT

FULLY IN-GROUND FISH UNIT, PRECAST CONCRETE CONTAINMENT WELL, HINGED STEEL ACCESS LID, VERTICAL LIFT SERVICE PVC BAG WITH DISPOSABLE LINER BAG

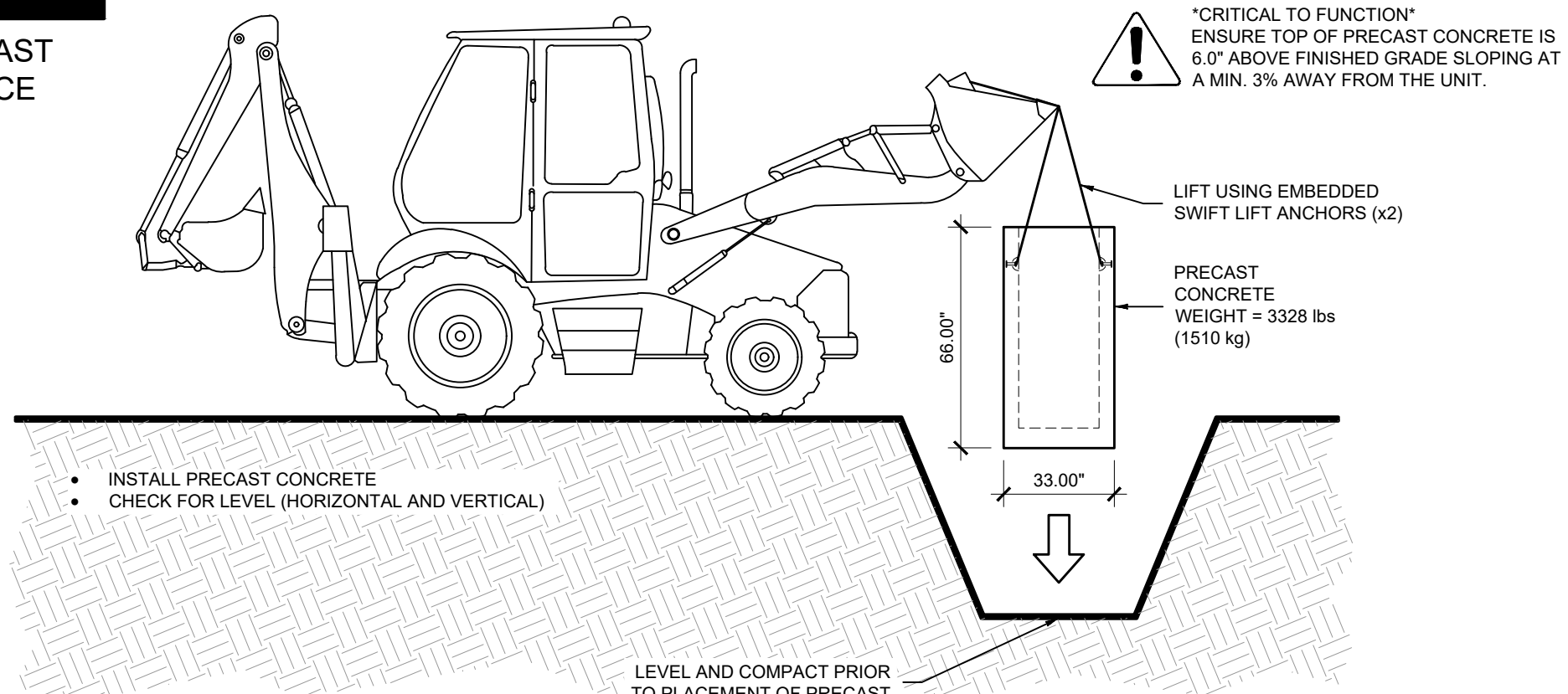
STEP No.1

SITE LOCATE
AND
EXCAVATE



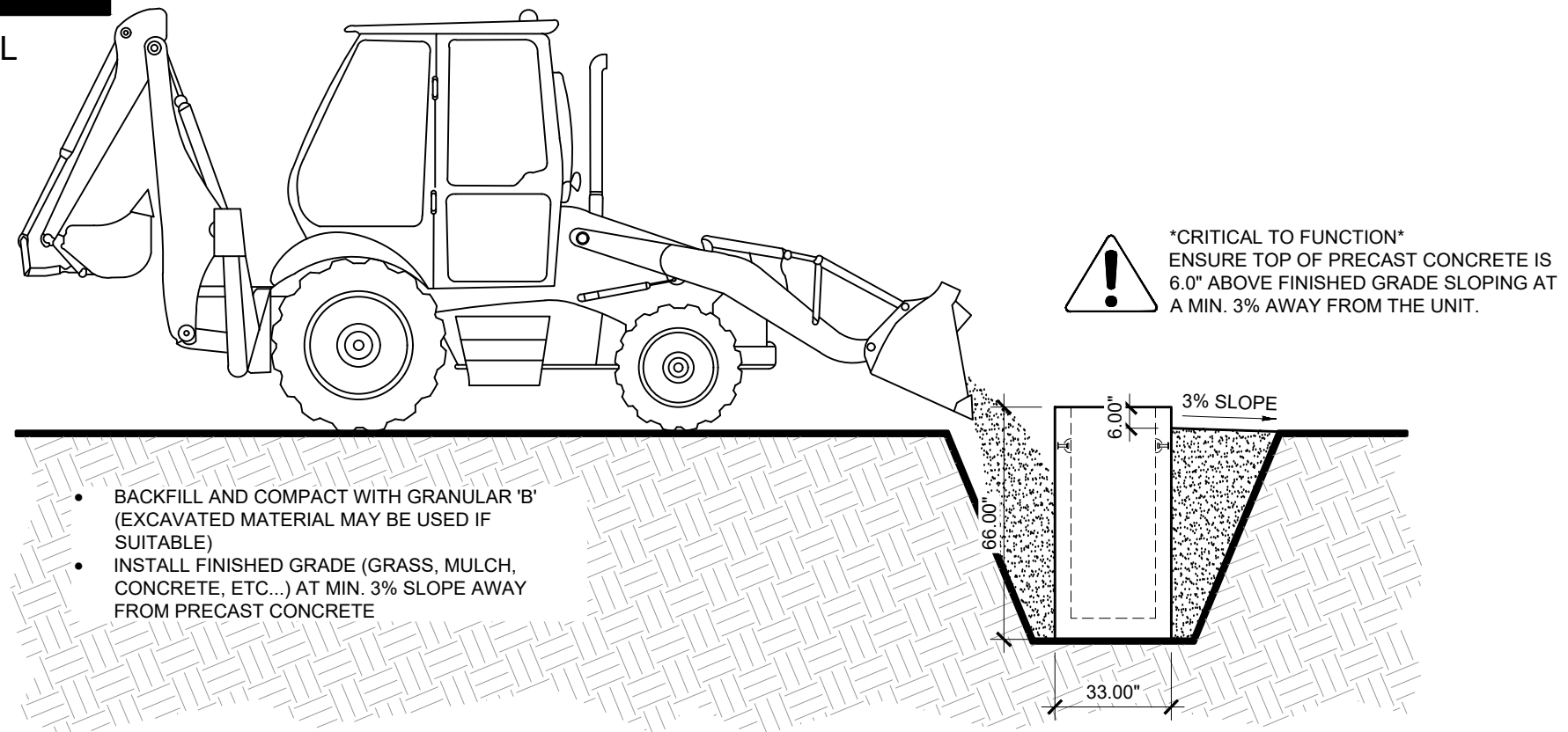
STEP No.2

LIFT PRECAST
INTO PLACE



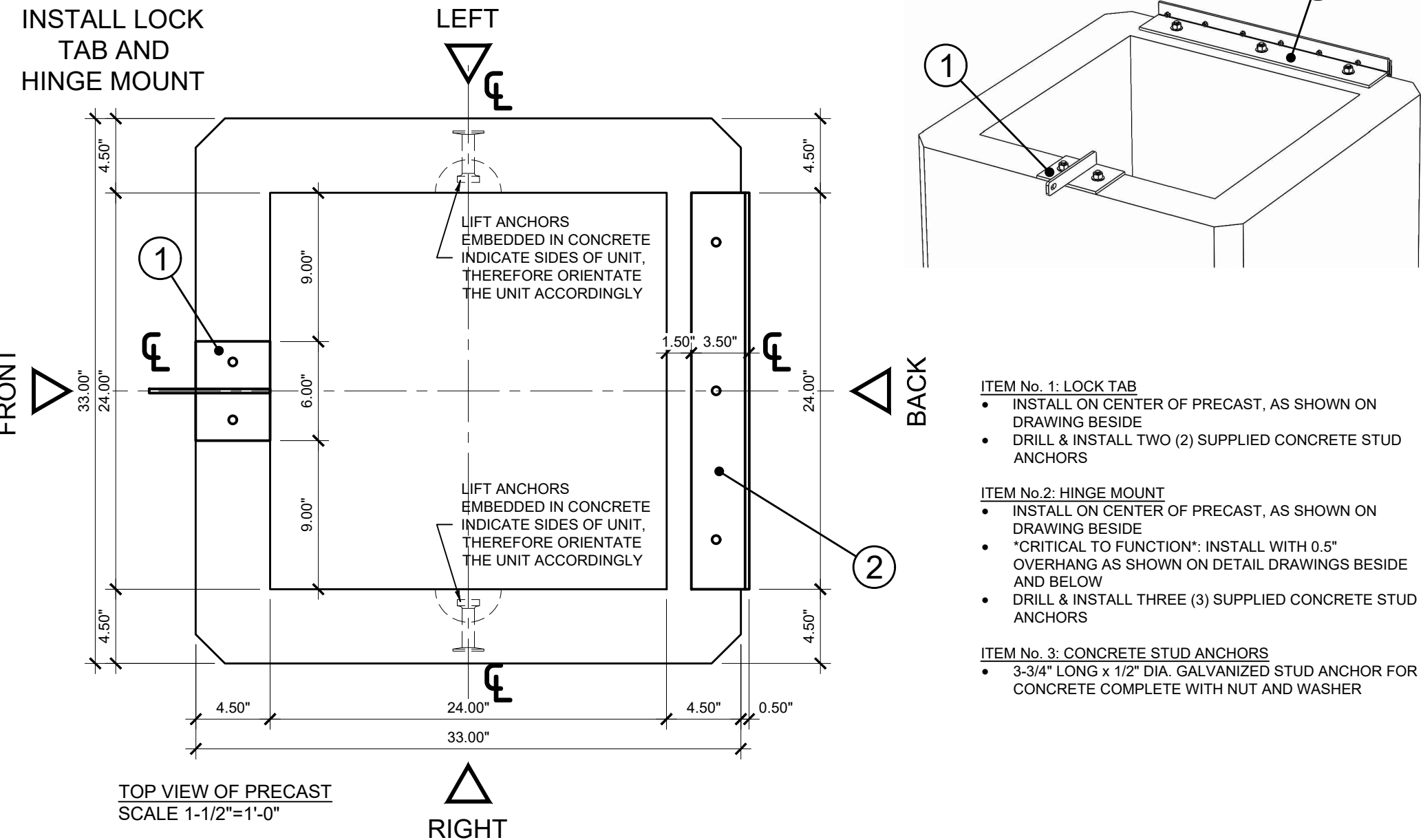
STEP No.3

BACKFILL



STEP No.4

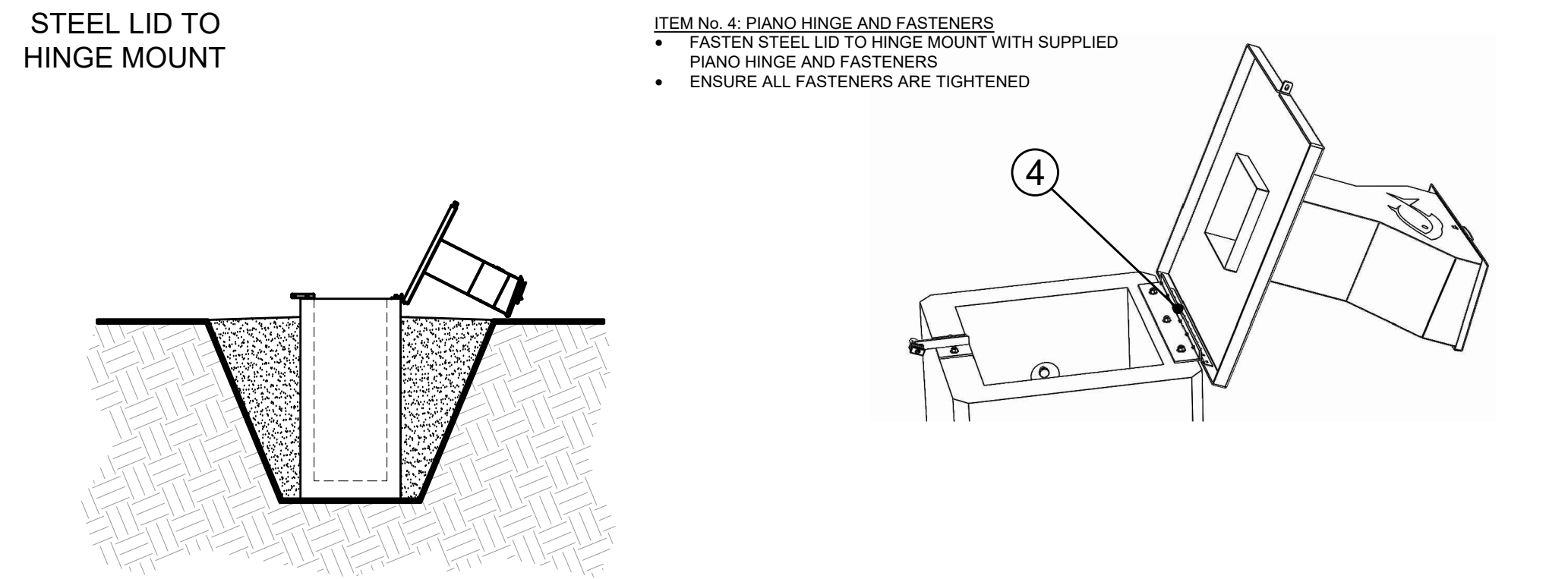
INSTALL LOCK
TAB AND
HINGE MOUNT



- ITEM No. 1: LOCK TAB
- INSTALL ON CENTER OF PRECAST, AS SHOWN ON
DRAWING BESIDE
 - DRILL & INSTALL TWO (2) SUPPLIED CONCRETE STUD
ANCHORS
- ITEM No.2: HINGE MOUNT
- INSTALL ON CENTER OF PRECAST, AS SHOWN ON
DRAWING BESIDE
 - *CRITICAL TO FUNCTION*: INSTALL WITH 0.5"
OVERHANG AS SHOWN ON DETAIL DRAWINGS BESIDE
AND BELOW
 - DRILL & INSTALL THREE (3) SUPPLIED CONCRETE STUD
ANCHORS
- ITEM No. 3: CONCRETE STUD ANCHORS
- 3-3/4" LONG x 1/2" DIA. GALVANIZED STUD ANCHOR FOR
CONCRETE COMPLETE WITH NUT AND WASHER

STEP No.5

FASTEN
STEEL LID TO
HINGE MOUNT

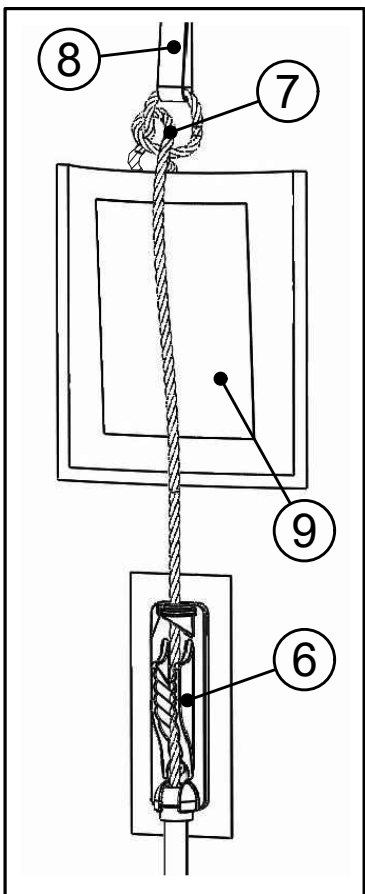
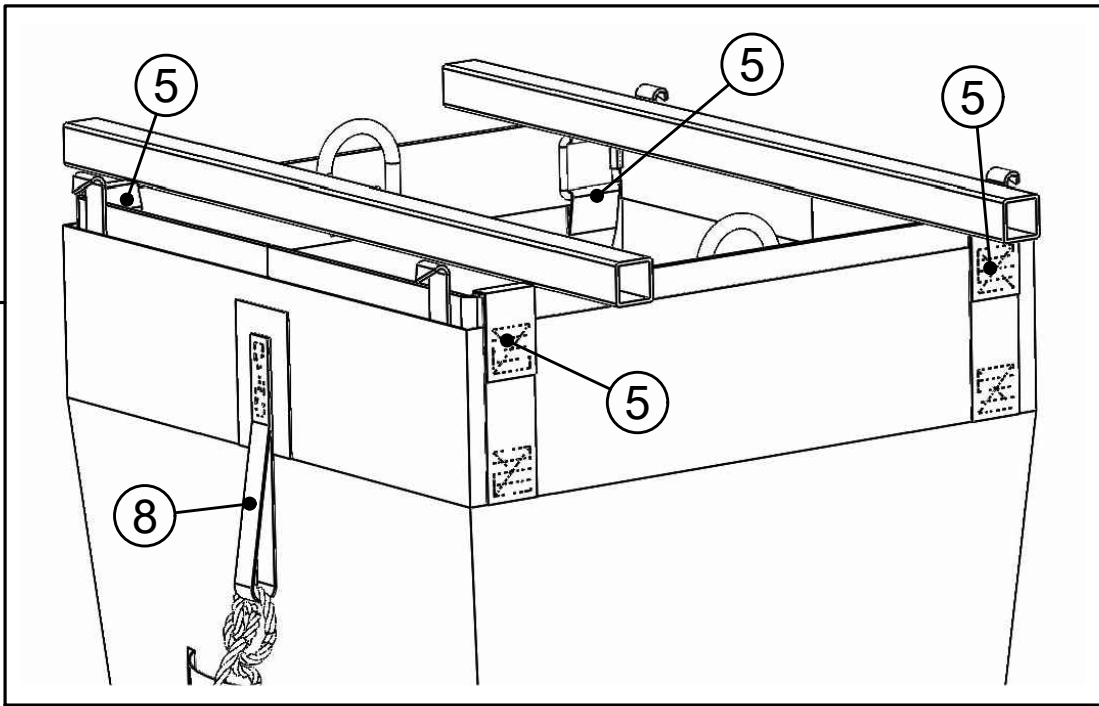
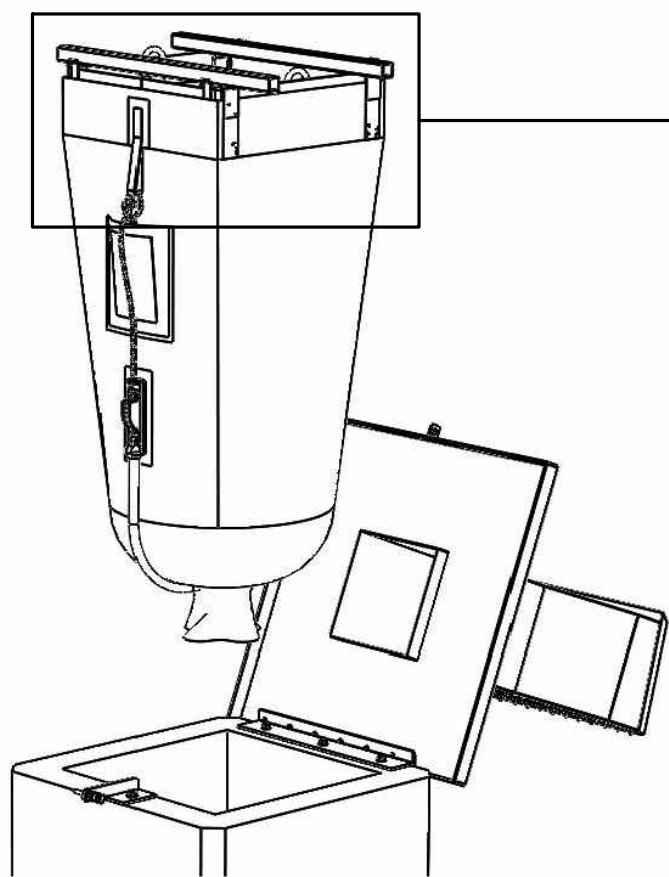


INSTALLATION INSTRUCTIONS FOR SUTERA FISH UNIT

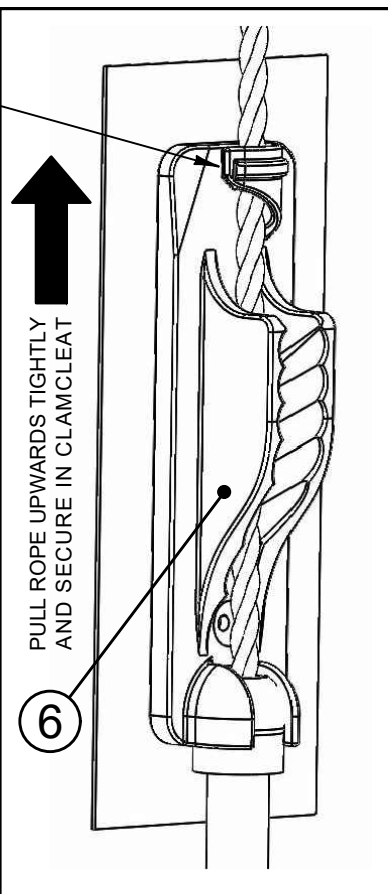
FULLY IN-GROUND FISH UNIT, PRECAST CONCRETE CONTAINMENT WELL, HINGED STEEL ACCESS LID, VERTICAL LIFT SERVICE PVC BAG WITH DISPOSABLE LINER BAG

STEP No.6

FASTEN BAG TO
STEEL FRAME



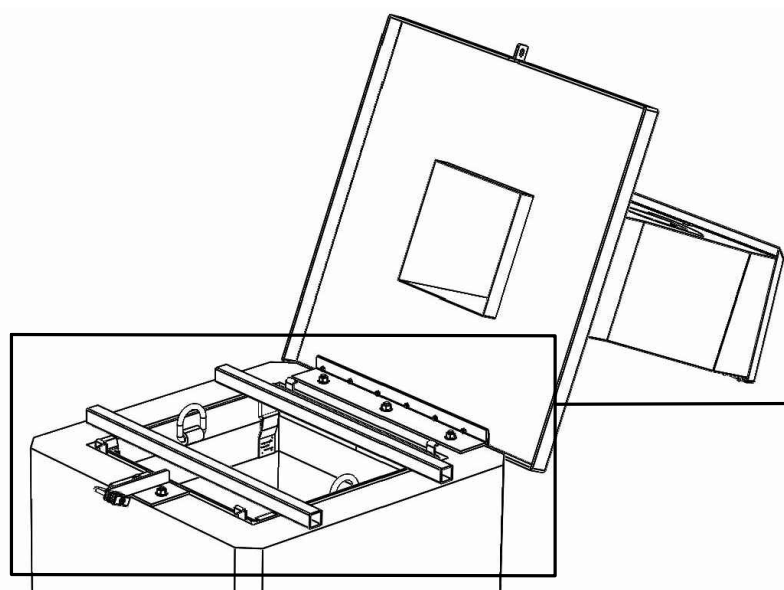
ROPE IS SHOWN
IN THE LOCKED
POSITION WITHIN
THE CLAMCLEAT



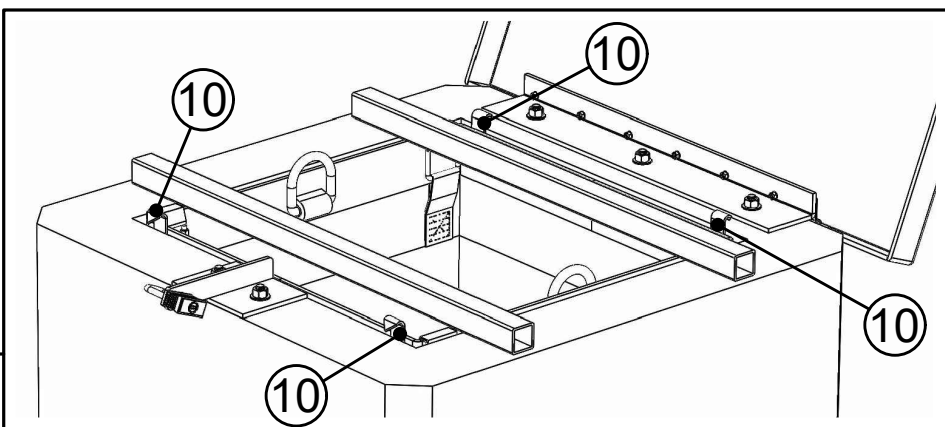
- ITEM No. 5: QUICK LINKS
- ATTACH REUSABLE PVC BAG TO STEEL FRAME WITH SUPPLIED QUICK LINKS (x4)
 - ENSURE ROPE IS PULLED TIGHT, CINCHING THE BOTTOM OF THE BAG CLOSED.
- ITEM No. 6: CLAMCLEAT
- SECURE ROPE INTO THE CLAMCLEAT
- ITEM No. 7 & 8: HALF HITCH KNOT & SECURITY LOOP
- TIE A HALF HITCH KNOT (ITEM No. 7) ONTO THE SECURITY LOOP (ITEM No. 8)
- ITEM No. 9: ROPE POUCH
- PLACE REMAINING ROPE INTO ROPE POUCH

STEP No.7

LOWER STEEL
FRAME & INSTALL
LINER BAG

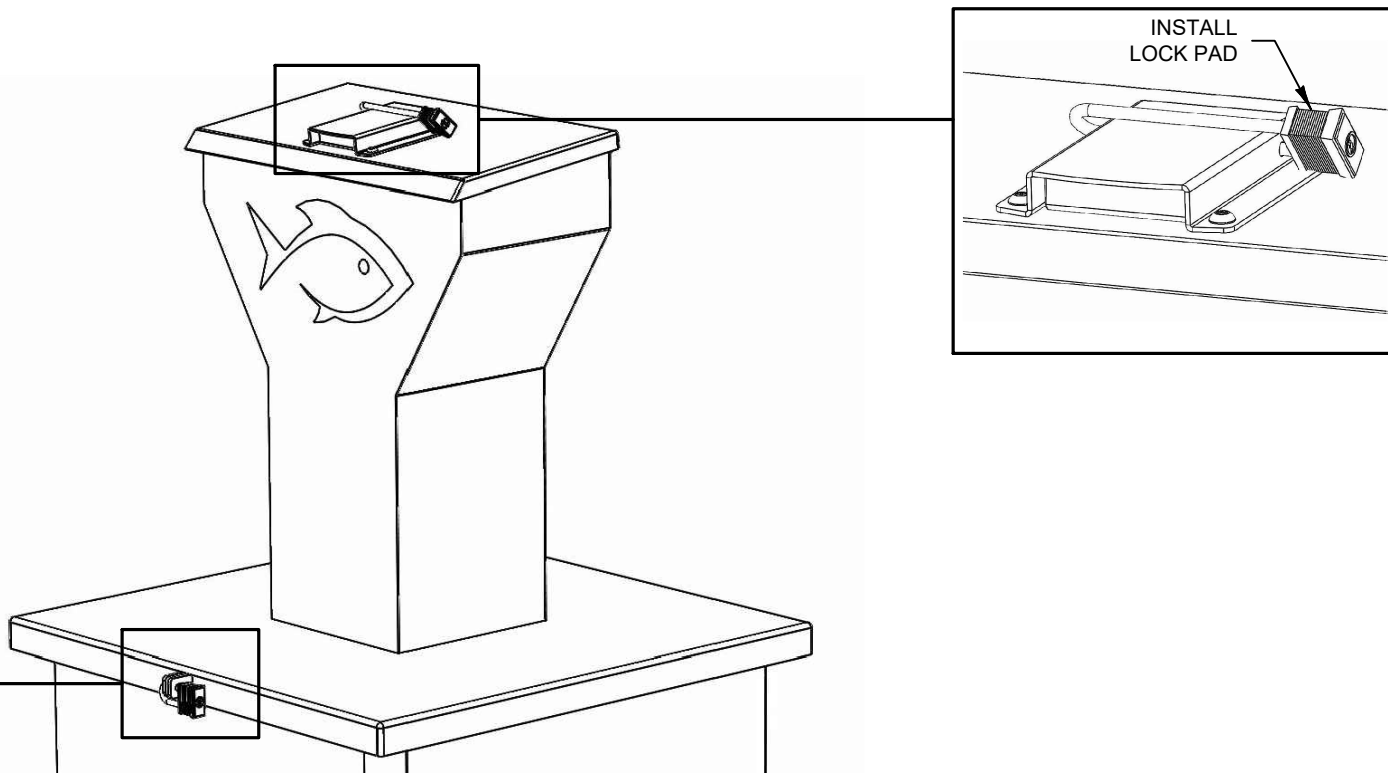
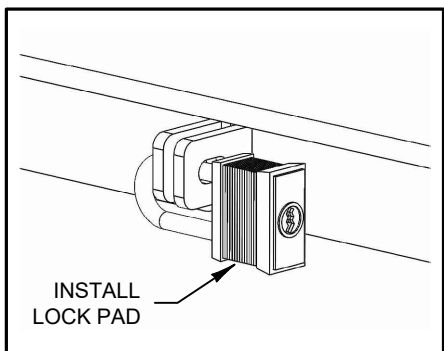


- ITEM No. 10: BAG HOOKS
- INSTALL DISPOSABLE LINER BAG INSIDE THE REUSABLE PVC BAG BY ATTACHING TO THE FOUR (4) BAG HOOKS



STEP No.8

CLOSE UNIT
AND SECURE



INSTALLATION COMPLETE

INSTALLATION SPECIFICATIONS:

REQUIRED TOOLS / EQUIPMENT / MACHINERY

1. BACKHOE
2. DUMP TRUCK
3. JUMPING JACK or PLATE COMPACTOR
4. STORY ROD
5. HAND LEVEL (6ft)
6. TAPE MEASURE
7. HAND SHOVEL
8. RAKE
9. HAMMER
10. HAMMER DRILL
11. 0.50" DIA. CONCRETE DRILL BIT
12. RATCHET c/w 0.75" SOCKET & EXTENSION BAR

STEP No.1 - DETERMINE SITE LOCATION AND EXCAVATE

1. FREE OF OVERHEAD POWER LINES, MIN. 10ft. (3m)
 2. NO TREE OVERHANG
 3. NO CANOPIES OVERHEAD
 4. HAVE A SITE UTILITY LOCATE (UNDERGROUND) CONDUCTED WITHIN 10ft. (3m) OF PROPOSED INSTALLATION
 5. EXCAVATE TO REQUIRED DEPTH, ENSURING TOP OF PRECAST CONCRETE IS 6.0 INCHES ABOVE FINISHED GRADE SLOPING AWAY AT A MIN. 3% AWAY FROM UNIT
 6. LEVEL AND COMPACT THE BASE OF EXCAVATION
- NOTE: APPROX. 1.37 CUBIC YARDS OF MATERIAL TO BE REMOVED FROM SITE PER SUTERA UNIT

STEP No.2 - PLACING OF PRECAST

1. TAKE DELIVERY OF BASE PRECAST UNIT WITH DELIVERY TRUCK CRANE, SITE CRANE, SITE CRANE OR BACKHOE, WHICHEVER IS AVAILABLE OR REQUIRED
2. DETERMINE ORIENTATION (FRONT FACE) OF UNIT
3. LOWER PRECAST INTO EXCAVATED HOLE
4. CHECK FOR LEVEL, BOTH HORIZONTAL AND VERTICAL
5. ENSURE TOP OF PRECAST TO TOP OF FINISHED GRADE IS 6.0 INCHES
6. PROVIDE A MIN. 3% GRADE SLOPING AWAY FROM UNIT

STEP No.3 - BACKFILL

1. BACKFILL WITH NATIVE MATERIAL (NO GRANULAR MATERIAL REQUIRED)
2. SUTERA UNITS HAVE MORE THAN ADEQUATE BALLAST, NO CONCRETE READY MIX REQUIRED
3. COMPACT IN SMALL LAYERS TO ACHIEVE 95% PROCTOR

STEP No.4 - INSTALL LOCK TAB & HINGE MOUNT

1. INSTALL THE LOCK TAB ON CENTER OF PRECAST WITH SUPPLIED TWO (2) CONCRETE STUD ANCHORS
2. INSTALL THE HINGE MOUNT ON CENTER (CRITICAL TO FUNCTION: BACK SIDE OF HINGE MOUNT MUST OVERHANG THE PRECAST BY 0.5 INCHES) WITH SUPPLIED THREE (3) CONCRETE STUD ANCHORS

STEP No. 5 - FASTEN STEEL LID TO HINGE MOUNT

1. FASTEN STEEL LID TO HINGE MOUNT WITH SUPPLIED PIANO HINGE AND FASTENERS
2. ENSURE ALL FASTENERS ARE INSTALLED AND TIGHTENED

STEP No. 6 - FASTEN BAG TO STEEL FRAME

1. ATTACH REUSABLE PVC BAG TO STEEL FRAME WITH SUPPLIED QUICK LINKS (x4)
2. ENSURE ROPE IS PULLED TIGHT, CINCHING THE BOTTOM OF THE BAG CLOSED
3. SECURE ROPE INTO THE CLAMCLEAT
4. TIE HALF HITCH KNOT ONTO THE SECURITY LOOP
5. PLACE REMAINING ROPE INTO ROPE POUCH

STEP No. 7 - LOWER STEEL FRAME AND INSTALL LINER BAG

1. INSTALL DISPOSABLE LINER BAG INSIDE THE REUSABLE PVC BAG BY ATTACHING TO THE FOUR (4) BAG HOOKS

STEP No. 8 - CLOSE UNIT AND SECURE

1. INSTALL PAD LOCK ON SLAM LATCH TO SECURE THE SMALL ACCESS LID
2. INSTALL PAD LOCK ON LARGE LID TO SECURE ACCESS TO THE IN-GROUND PRECAST WELL

INSTALLATION COMPLETE