DRIVEWAY LEVEL

3” X 3” X 1/4” CURB ANGLE

DOCK LEVEL

RECOMMENDED PITCH

0

RECOMMENDED LOCATION FOR 1 1/4” CONDUIT AND JUNCTION BOX ON CENTER LINE OF PIT BEFORE POURING CONCRETE

TYPICAL HYDRAULIC PIT DETAIL

1/2” = 1’-0”

11B-2001
3" x 3" x 1/4" CURB ANGLE

63 1/2"

74"

1/2" SLOPE

DOCK BUMPER

BACK PIT CURB ANGLE TO HAVE #4 REBARS, 8" @ 6" O.C.

1/2" = 1'-0"

TYPICAL LEVELER PIT DETAIL

11B-2002
1. DOCK LEVELER PIT DIMENSIONS, PER MANUFACTURER'S WRITTEN INSTRUCTION.

2. #4 X 1'-6" AT 16" O.C.

3. #4 X AT 16" O.C.

4. #4 X AT 16" O.C.

5. LOADING DOCK WALL.

DOCK LEVELER PIT

3/4" = 1'-0"

11B-2003
1. DOCK LEVELER PIT DIMENSIONS, PER MANUFACTURER'S WRITTEN INSTRUCTION.

2. #4 X 1'-6" AT 16" O.C.

3. #4 X __________ AT 16" O.C.

4. #4 X __________ AT 16" O.C.

5. LOADING DOCK WALL.

DOCK LEVELER PIT

3/4" = 1'-0"

11B-2003
1. (2) Rigid 3/4" conduit runs required, terminate at junction box.
2. All curb angle joints to be welded securely.
3. Rear pit wall to be plumb - reverse slope of 1/4" is permissible.
4. Concrete behind pit steel must be well vibrated - 8" recommended minimum thickness for pit walls, pit floor, and dock face.
5. Side curb angles must be 90° to dock face.
6. 3/8" x 10" embedded plate - (5) required.
7. 1/2" pitch.
8. Rear curb angle.
10. 6" x 6" x 4" junction box.
11. Dock floor.

Notes:
A. Pit steel furnished by general contractor.
B. Normal factory setting of the powerhook vertical operating range is between 12 and 30 inches above the drive based on a 48" dock height and a 44 1/2" pit depth at the front of the pit. Variations to these dimensions should be presented to a poweramp representative.

<table>
<thead>
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Powerhook Pit

3/8" = 1'-0"

11B-2004
1. (2) RIGID 3/4" CONDUIT RUNS REQUIRED, TERMINATE AT JUNCTION BOX.
2. ALL CURB ANGLE JOINTS TO BE WELDED SECURELY.
3. REAR PIT WALL TO BE PLUMB - REVERSE SLOPE OF 1/4" IS PERMISSIBLE.
4. CONCRETE BEHIND PIT STEEL MUST BE WELL VIBRATED - 8" RECOMMENDED MINIMUM THICKNESS FOR PIT WALLS, PIT FLOOR, AND DOCK FACE.
5. SIDE CURB ANGLES MUST BE 90° TO DOCK FACE.
6. 3/8" X 10" EMBEDDED PLATE - (5) REQUIRED.
7. 1/2" PITCH.
8. REAR CURB ANGLE.
9. SIDE CURB ANGLE.
10. 6" X 6" X 4" JUNCTION BOX.
11. DOCK FLOOR.

NOTES:
A. PIT STEEL FURNISHED BY GENERAL CONTRACTOR.
B. NORMAL FACTORY SETTING OF THE POWERHOOK VERTICAL OPERATING RANGE IS BETWEEN 12 AND 30 INCHES ABOVE THE DRIVE BASED ON A 48" DOCK HEIGHT AND A 44 1/2" PIT DEPTH AT THE FRONT OF THE PIT. VARIATIONS TO THESE DIMENSIONS SHOULD BE PRESENTED TO A POWERAMP REPRESENTATIVE.

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POWERHOOK PIT
3/8" = 1'-0"

11B-2004
DOCK LEVELER IN STORED POSITION

DOCK LEVELER IN SERVICE POSITION

DOCK LEVELER IN TAIL LOADING POSITION

1. DOOR AND DOCK GUARD.
1. DOOR AND DOCK GUARD
1. DOCK LEVELER PIT DIMENSIONS, PER MANUFACTURER'S WRITTEN INSTRUCTION.

2. #4 X 1'-6" AT 16" O.C.

3. #4 X AT 16" O.C.

4. #4 X AT 16" O.C.

5. LOADING DOCK WALL.

DOCK LEVELER PIT

3/4" = 1'-0"
1. DOCK LEVELER PIT DIMENSIONS, PER MANUFACTURER’S WRITTEN INSTRUCTION.

2. #4 X 1’-6” AT 16" O.C.

3. #4 X ______ AT 16” O.C.

4. #4 X ______ AT 16” O.C.

5. LOADING DOCK WALL.

DOCK LEVELER PIT

3/4” = 1’-0”

11B-1002
1. (2) Rigid 3/4" conduit runs required, terminate at junction box.
2. All curb angle joints to be welded securely.
3. Rear pit wall to be plumb — reverse slope of 1/4" is permissible.
4. Concrete behind pit steel must be well vibrated — 8" recommended minimum thickness for pit walls, pit floor, and dock face.
5. Side curb angles must be 90° to dock face.
6. 3/8" x 10" embedded plate — (5) required.
7. 1/2" pitch.
8. Rear curb angle.
10. 6" x 6" x 4" junction box.
11. Dock floor.

Notes:
A. Pit steel furnished by General Contractor.
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POWERHOOK PIT
3/8" = 1’-0”
1. (2) RIGID 3/4" CONDUIT RUNS REQUIRED, TERMINATE AT JUNCTION BOX.
2. ALL CURB ANGLE JOINTS TO BE WELDED SECURELY.
3. REAR PIT WALL TO BE PLUMB – REVERSE SLOPE OF 1/4" IS PERMISSIBLE.
4. CONCRETE BEHIND PIT STEEL MUST BE WELL VIBRATED – 8" RECOMMENDED MINIMUM THICKNESS FOR PIT WALLS, PIT FLOOR, AND DOCK FACE.
5. SIDE CURB ANGLES MUST BE 90° TO DOCK FACE.
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7. 1/2" PITCH.
8. REAR CURB ANGLE.
9. SIDE CURB ANGLE.
10. 6" X 6" X 4" JUNCTION BOX.
11. DOCK FLOOR.

NOTES:
A. PIT STEEL FURNISHED BY GENERAL CONTRACTOR.
B. NORMAL FACTORY SETTING OF THE POWERHOOK VERTICAL OPERATING RANGE IS BETWEEN 12 AND 30 INCHES ABOVE THE DRIVE BASED ON A 48" DOCK HEIGHT AND A 44 1/2" PIT DEPTH AT THE FRONT OF THE PIT. VARIATIONS TO THESE DIMENSIONS SHOULD BE PRESENTED TO A POWERAMP REPRESENTATIVE.

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1. DOOR AND DOCK GUARD.

DOCK LEVELER IN STORED POSITION

DOCK LEVELER IN SERVICE POSITION

DOCK LEVELER IN TAIL LOADING POSITION

DOOR AND DOCK GUARD OPERATING DETAILS

N.T.S. 11B-1004
DOOR AND DOCK GUARD OPERATING DETAILS

1. DOOR AND DOCK GUARD.
1. BLOWER MOTOR.
2. DOOR OPENING.
3. FINISH PAVEMENT AT LOADING DOCK.
4. DOCK BUMPER.
5. INFLATABLE LOADING DOCK DOOR SEAL.
6. DOOR JAMB BEYOND.
1. BLOWER MOTOR.
2. DOOR OPENING.
3. FINISH PAVEMENT AT LOADING DOCK.
4. DOCK BUMPER.
5. INFLATABLE LOADING DOCK DOOR SEAL.
6. DOOR JAMB BEYOND.
1. INSULATED WALL PANELS.
2. 24 GA. x 4" WIDE CLOSURE PANEL—MATCH COLD BOX PANELS.
3. WALL TILE.
4. WALL.

COLD BOX
1 1/2" = 1'-0"
1. TILE FLOOR & BASE.
2. DEPRESS SLAB 2”, SLOPE TO DRAINS.
3. 6 MIL VAPOR BARRIER, SEAL ALL JOINTS W/ PLASTIC TAPE.
4. INSULATED WALL PANEL.
5. 4” CONC. SLAB ON 4” MIN. ABC FILL.
6. 4” CONC. SLAB.
7. (2) 2” LAYERS RIGID INSULATION.
8. 2x TREATED WOOD THERMAL BLOCK.
1. TILE FLOOR & BASE.
2. 6 MIL VAPOR BARRIER, SEAL ALL JOINTS W/ PLASTIC TAPE.
3. INSULATED WALL PANEL.
4. 4" CONC. SLAB ON 4" MIN. ABC FILL.
5. 4" CONCRETE SLAB.
6. (2) 2" LAYERS RIGID INSULATION.
7. 2x TREATED WOOD THERMAL BLOCK.
1. TILE FLOOR & BASE.
2. 6 MIL VAPOR BARRIER—SEAL ALL JOINTS W/ PLASTIC TAPE.
3. INSULATED WALL PANEL.
4. 4” CONC. SLAB ON 4” MIN. ABC FILL.
5. 4” CONC. SLAB.
6. (2) 2” LAYERS RIGID INSULATION.
7. 2x TREATED WOOD THERMAL BLOCK.
8. STUD WALL.
1. TILE FLOOR & BASE.
2. 6 MIL VAPOR BARRIER SEAL ALL JOINTS.
   WITH PLASTIC TAPE.
3. INSULATED WALL PANEL.
4. 4" CONC. SLAB ON 4" MIN. ABC FILL.
5. 4" CONC. SLAB.
6. (2) 2" LAYERS RIGID INSULATION.
7. 2x TREATED WOOD THERMAL BLOCK.
8. INSULATED FURRED MASONRY WALL.

COLD BOX BASE
1 1/2" = 1'-0"
1. FREEZER/COOLER WALL.
2. CERAMIC TILE BASE.
3. CERAMIC TILE FLOOR.
4. 2X THERMAL BLOCK.
5. 4” CONCRETE SLAB.
6. TWO 2” LAYERS OF RIGID INSULATION.
7. 6 MIL VAPOR BARRIER, LAP AND SEAL JOINTS CONTINUOUS WITH 3” PLASTIC TAPE.
8. 4” A.B.C. FILL.
9. #4 REBAR AT 24” O.C.
10. TWO #4 REBAR CONTINUOUS.
11. 1” MINIMUM AIRSPACE.
12. 5/8” GYP. WALLBOARD.
1. FREEZER/COOLER WALL.
2. CERAMIC TILE BASE.
3. CERAMIC TILE FLOOR.
4. 2X THERMAL BLOCK.
5. 4" CONCRETE SLAB.
6. TWO 2" LAYERS OF RIGID INSULATION.
7. 6 MIL VAPOR BARRIER, LAP AND SEAL JOINTS CONTINUOUS WITH 3" PLASTIC TAPE.
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3. CERAMIC TILE FLOOR.
4. 2X THERMAL BLOCK.
5. 4" CONCRETE SLAB.
6. TWO 2" LAYERS OF RIGID INSULATION.
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8. 4" A.B.C. FILL.
9. #4 REBAR AT 24" O.C.
10. TWO #4 REBAR CONTINUOUS.
11. DEPRESS SLAB 2" - SLOPE TO DRAIN.

REF. / FREEZER WALL

1 1/2” = 1’-0”

11C-2003
1. Freezer/cooler wall.
2. Ceramic tile base.
3. Ceramic tile floor.
4. 2X thermal block.
5. 4" concrete slab.
6. Two 2" layers of rigid insulation.
7. 6 mil vapor barrier, lap and seal joints continuous with 3" plastic tape.
8. 4" A.B.C. fill.
9. #4 rebar at 24" o.c.
10. Two #4 rebar continuous.
11. Depress slab 2" - slope finish floor to drain.
12. 1" minimum airspace.
13. 5/8" gyp. wallboard.
14. Ceramic tile over cementitious backer board.
1. EVAPORATOR COIL.
2. EXPANSION VALVE SUPPLIED WITH DX COIL.
3. SIGHT GLASS.
4. CEILING.
5. P-TRAP AT BOTTOM OF SUCTION RISER.
6. SIGHT GLASS.
7. INSULATE SUCTION LINE WITH 1" THICK INSULATION.
8. REVERSE TRAP AT TOP OF SUCTION RISER.
PROJECTION PORT

3 5/8" METAL STUDS @ 16" O.C.

3 1/2" SOUND BATT INSULATION

HOLLOW METAL FRAME, PAINT BLACK

PROJECTION PORT OPTIC GLASS WINDOW BY OWNER

GLAZING STOPS IN BED OF SILICONE SEALANT

5/8" TYPE 'X' GYPSUM BOARD

FINISH FLOOR

THEATRE

PROJECTION ROOM

1 1/2" = 1'-0"
1. 3-5/8” STEEL STUD x 8’ LONG.
2. EYEBOLT.
3. ‘S’ HOOK.
4. PROJECTION SCREEN.
5. FINISHED WALL LINE.
6. CEILING GRID.
1. (2) 3/4" Ø EXPANSION BOLTS.
2. P-2072 UNISTRUT.
3. P-1000 UNISTRUT.
4. (2) 1/2" Ø MB.
5. 1/2" Ø MB WITH LOCK WASH.
6. BOTTOM CORD OF TRUSS.
7. PROJECTION SCREEN W/ (3) 1/4" STEEL STRAP SUPPORTS.
8. P-1747 UNISTRUT.
9. 1/2" Ø MB.

PROJECTION SCREEN

1 1/2" = 1'-0"
1. MOUNTING BRACKETS.
2. PROJECTION SCREEN HOUSING.
3. PROJECTION SCREEN.
4. CEILING LINE.

PROJECTION SCREEN

1/4” = 1’-0”

11A-2003
1. Mounting Joist.
2. 1/4" Lag Screw.
3. Furring Strip.
4. 3/4" Finished Ceiling.
5. Access Door.
6. Electrical Outlet.

**MOTORIZED PROJECTION**

1" = 1'-0"

11A-2004
MOTORIZED_PROJECTION

1” = 1’-0”

1. MOUNTING JOIST.
2. 1/4” LAG SCREW.
3. FURRING STRIP.
4. 3/4” FINISHED CEILING.
5. ACCESS DOOR.
6. ELECTRICAL OUTLET.

METHOD ‘A’

1.

METHOD ‘B’

1.

PROJECTIION

11A-2004

Samples from www.AutoCADDetails.net
PROJECTOR SCREEN AND MOUNTING

3/4” = 1’-0”

11A-2005
PROJECTOR SCREEN AND MOUNTING

1. 3/4" TRIM.

3/4" = 1'-0"

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AVAILABLE SIZES

VENDING MACHINES

SCALE: 1/2” = 1’-0”
FLOOR COPY MACHINE

SCALE: 1/2” = 1’-0”
WASHER & DRYER

SCALE: 1/2” = 1’-0”
HOOD DIMENSIONS

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GAS RANGES & HOOD

SCALE: 1/2” = 1’-0”
UNIT KITCHEN

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