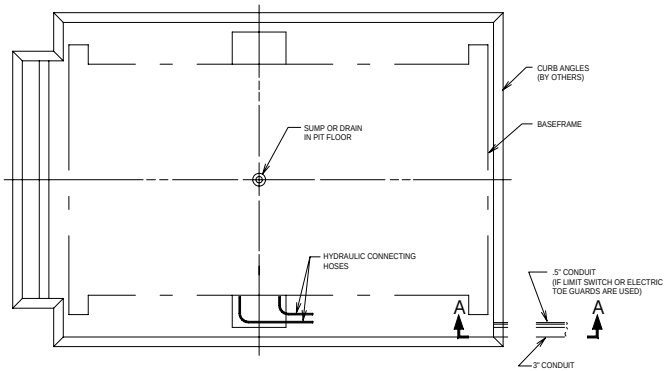
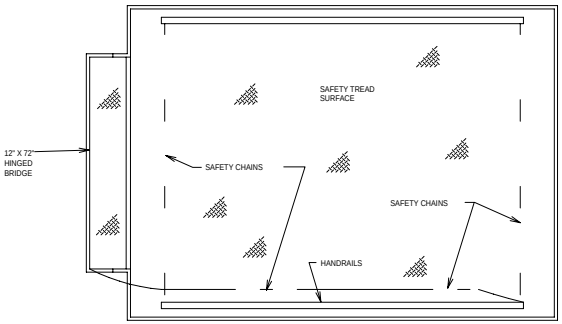
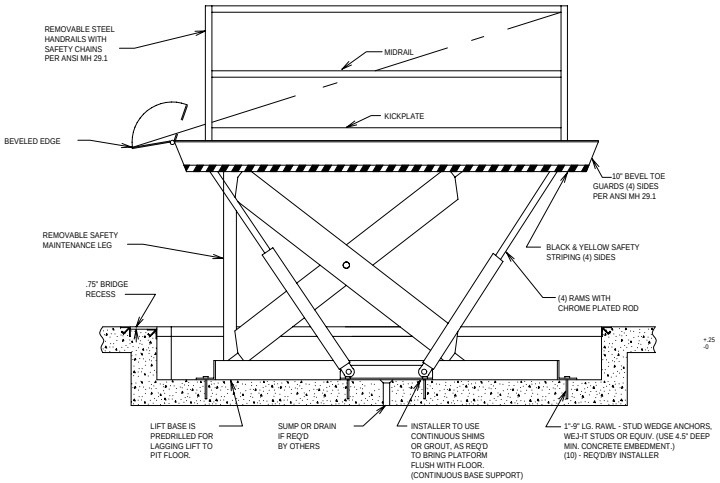
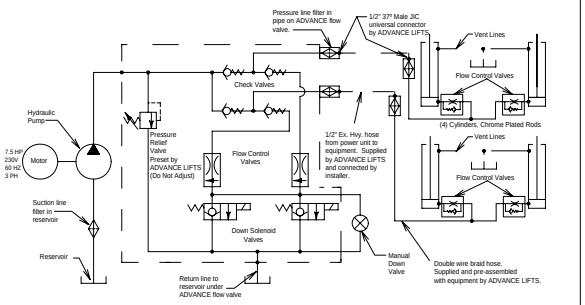
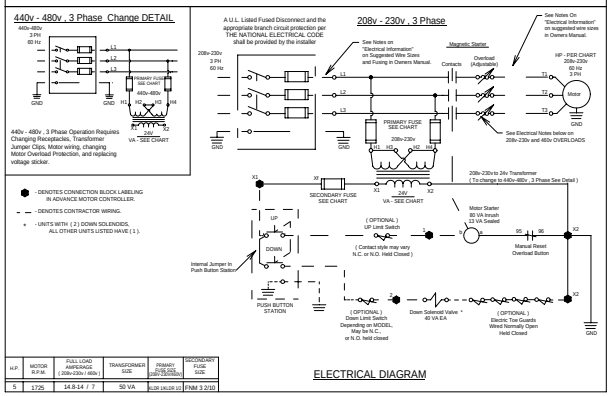






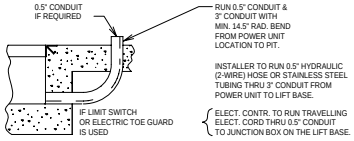


HYDRAULIC DIAGRAM



H.P.	MOTOR R.P.M.	FULL LOAD AMPERAGE (208v-230v / 460v)	TRANSFORMER SIZE	PRIMARY FUSE SIZE (208V-230V/460V)	SECONDARY FUSE SIZE
5	1725	14.8-14 / 7	50 VA	6/3B 15/12B 1/2	FNM 3 2/10

ELECTRICAL DIAGRAM



SECTION A - A

RUN 0.5" CONDUIT &
3" CONDUIT WITH
MIN. 14.5" RAD. BEND
FROM POWER UNIT
LOCATION TO PIT.

INSTALLER TO RUN 0.5" HYDRAULIC
(2-WIRE) HOSE OR STAINLESS STEEL
TUBING THRU 3" CONDUIT FROM
POWER UNIT TO LIFT BASE.

ELECT. CONTR. TO RUN TRAVELLING
ELECT. CORD THRU 0.5" CONDUIT
TO JUNCTION BOX ON THE LIFT BASE.

GENERAL NOTES:

1. ALL AXLES AND SHAFTS ARE CHROME PLATED.

2. ALL ROLLERS AND PIVOT POINTS ARE EQUIPPED WITH TEFLON SELF-LUBRICATING BEARINGS.

3. POWER UNIT EQUIPPED WITH ONE PIECE "ADVANCE FLOW" VALVE MANIFOLD.

4. ADVANCE LIFTS, INC. TO SUPPLY 15 GALLONS OF A MULTI VISCOSITY ISO-46 GROUP II BASE OIL & (2) 20' .5" EXTRA HEAVY DOUBLE WIRE BRAD HOSES (SAE 100R2) FOR THE POWER UNIT TO THE EQUIPMENT CONNECTION WITH .5" JIC FEMALE FITTINGS ON THE ENDS.

5. REINFORCE CONCRETE TO SUIT LOCAL SOIL CONDITIONS PLUS YOUR DESIRED SAFETY FACTORS.

6. OVERALL POWER UNIT SIZE:
26" WIDE X 22" LONG X 21" HIGH (INCLUDING MOTOR, AND BRACKETS FOR WALL MOUNTING).

7. CONCRETE WORK, REINFORCING, BUILDING MODIFICATIONS, PIPING, ELECTRICAL WIRING, EMBEDDED ITEMS, INSTALLATION, ETC. (BY OTHERS)

8. ADVANCE LIFTS, INC. TO SUPPLY:
- (1) 20' LG. PUSHBUTTON COIL CORD.
- 40' LENGTH OF .25 O.D. CLEAR POLYURETHANE TUBING FOR THE VENT LINES.
- INSTALLATION PACKAGE AS OUTLINED IN GENERAL NOTE #3.

9. FINISH: BLUE PAINT

10. PIT DIMENSION TOLERANCES ARE PLUS .25", MINUS 0" (+.25" , -0").

SPECIFICATIONS:

CAPACITY : 12,000 LBS MAX. LIFTING CAPACITY
9,600 LBS MAX. AXLE CAPACITY ENDS
8,400 LBS MAX. AXLE CAPACITY SIDES

PLATFORM : 96" X 132",
SAFETY TREAD DECK,
REMOVABLE HANDRAILS - STEEL
12" X 72" STEEL BRIDGE WITH CHAIN
BEVEL TOE GUARDS
SAFETY STRIPING

SPEED : 8 FPM

TRAVEL : 58" (FROM A 16.5" LOWERED HEIGHT)

LOWERED HEIGHT : 16.5"

POWER UNIT : 5 HP MOTOR 230 V 60 Hz 3PH
(REMOTE FROM LIFT)

CONTROL: UP-DOWN WEATHER-PROOF PUSHBUTTON
STATION, PENDANT TYPE NEMA 1, 3, 3R, 4, 4X.

IN NEMA 12 ENCLOSURE : MAGNETIC STARTER,W/ OVERLOAD
230 V TO 24 V CONTROL TRANSFORMER,

APPROXIMATE SHIPPING WEIGHT: #6,300

DO NOT SCALE DRAWING

ADVANCE LIFTS

Advance Lifts, Inc. 701 S. Kirk Rd.
St. Charles, IL 60174
Phone: 630-584-9881 Fax: 630-584-9405

JOB NAME: X

JOB NUMBER: X

SCALE	REVISIONS	BY	DATE
DATE: X			
DRN: X CKD			
APVD			

TITLE: SUPERDOK
MODEL 4170

NO: D-

REV: