DRAWING NUMBER: HOR 01

JOB NAME: TRACTION HOISTWAY

Elevating your standard of living

DRAWN: 03/11/11
CHECKED: 06/04/10
REVISION

G.P. REMOVE DISCONNECTS, ADD 4X4 BOXES

ELEVATION (TYP.)

MINIMUM 4" THICK REINFORCED CONCRETE SLAB

ELEVATOR PIT

PIT DEPTH

8" MIN.

HALL PUSH BUTTON STATION BY R.E.I. (TYP.)

LANDING DOORS

2'-8" OR 3'-0" W
BY 6'-8" OR 8'-0" H
SOLID CORE RECOMMENDED
(BY G.C.)

DOOR INTERLOCK
BY R.E.I. (TYP.)

OVERHEAD CLEARANCE
102" MIN. FOR STD. CAB HEIGHT
114" MIN. FOR 8'-0" CAB HEIGHT
(IF LESS THAN 102" IS AVAILABLE, CONSULT R.E.I.)

TYPICAL ELEVATION

TYPICAL 2 STOP HOISTWAY LAYOUT

NOTES:

1. RAIL IS CONCRETE ANCHORED WITH 1/2" REDHEAD OR CONCRETE SLEEVE BOLTS GR.5 - 1/2" x 4" ANCHORS
2. RAIL BRACKETS ARE LAGGED WITH 1/2" x 4" HEX HEAD LAG SCREWS
3. FOR EACH 1" HOISTWAY IS REDUCED IN WIDTH OR DEPTH CAR SIZE IS REDUCED BY 1" IN WIDTH OR DEPTH

RESIDENTIAL ELEVATORS (REI) CONTROL SYSTEM CONTAINS THE 240 VAC AND 120 VAC DISCONNECTS, HOWEVER, GC/OWNER MUST PROVIDE DEDICATED CIRCUIT AND WIRE TO 4" x 4" BOX (1 FOR 240 VAC & 1 FOR 120 VAC) IN MACHINE SPACE PER DRAWING. SEE REI ELECTRICAL REQUIREMENTS BROCHURE FOR FURTHER DETAILS.

4 x 4 ELECTRICAL BOX FOR 240 VAC (GC/OWNER PROVIDED)
4 x 4 ELECTRICAL BOX FOR 120 VAC (GC/OWNER PROVIDED)
GFI 110 V. RECEPTACLE (BY G.C.)

LIGHT FIXTURE AND LIGHT SWITCH (BY G.C.)

MACHINERY ACCESS DOOR
24" x 24" MAX. (BY G.C.)

ELEVATOR CONTROLLER
TELEPHONE CONNECTION TO BE TERMINATED IN ELEVATOR CONTROLLER (BY G.C.)

GEARBOX AND MOTOR ASSEMBLY

ALTERNATE ACCESS DOOR
24" MAX. x 18" (BY G.C.)

LINE ELEVATOR SHAFT WALLS WITH PLYWOOD (PREFERRED) OR DRYWALL
CHECK LOCAL CODE REQUIREMENTS FOR THICKNESS

ELEVATOR RAILS & BRACKETS
BY R.E.I. AND INSTALLED BY R.E.I.

COUNTERWEIGHT ASSEMBLY

ELEVATOR PIT
MINIMUM 4" THICK REINFORCED CONCRETE SLAB

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LUXURY LIFT LLT TRACTION

ELEVATION (TYP.)

REMOVE DISCONNECTS, ADD 4X4 BOXES

CHANGE HEIGHT TO STD.

ADD LLT DESIGNATION

TRACTION HOISTWAY ELEVATION (TYP.)

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