BLOCK 1091 LOT 5 QUALIF /CODE _____ ADDRESS (SITE) 250 Old Squan Rd PERMIT NO. 08-2438

CONSTRUCTION PERMIT APPLICATION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Applicant Completes: Sections I,II,III (optional). IV, VI, and VII (10 F 003436)

I. IDENTIFICATION

1. Proposed Work Site at. 250 Old Squan Rd Brick, N.J.
2. Name of Owner in Fee [redacted] 840-1410.
   Address: 250 Old Squan Rd (street) Brick, N.J. (municipality) 08724. (zip code)
3. Ownership in Fee: Public _____ Private V
4. Principal Contractor: Mobility Elevator Tel (973) 618-9545
   Address 4 York Ave W. Caldwell, N.J. 07006
   License No. OR, if new home, Builder Reg No _____ Exp. Date _____
   Federal Employee No. 22-2869761 Fax (973) 618-9638.
5. Architect or Engineer _____ Tel ( )
   Address SAME
6. Responsible Person in Charge of Work Sophia Stathis
   Tel. (973) 618-7545 X28 Fax (973) 618-9638.

V. FEE SUMMARY (for office use only)

			Update	Update
1	Building	$ 260		
2	Electrical			
3	Plumbing			
4	Fire Protection			
5	Elevator Devices			
6	Subtotal	$		
7	Less 20% for State Plan Review			
8	Subtotal	$		
9	DCA Training Fee	52		
10	Subtotal	$		
11	Cert of Occupancy			
12	Other			
13	TOTAL	$ 312 -		

VI. BUILDING/SITE CHARACTERISTICS

		(office use only)
1	Number of Stories	
2	Height of Structure ____ ft	
3	Area--Largest Floor ____ sq ft	
4	New Building Area ____ sq ft	
5	Volume of New Structure ____ cu ft	
6	Construction Classification	
7	Total Land Area Disturbed ____ sq ft	
8	Flood Hazard Zone	
9	Base Flood Elevation ____ ft	
10	Wetlands yes ____ sq ft / no	
11	Max Live Load	
12	Max Occupancy Load	

II. PROPOSED WORK

OPTIONAL (for office use only)

		Est Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Resubmission Dates Rejection	Re-viewer
1	☐ Minor Work									
2	☐ New Building		1	2						
3	☐ Addition									
4	☐ Alteration									
5	☐ Fire Protection									
6	☐ Plumbing									
7	☐ Electrical									
8	☑ Elevator Devices									
9	☐ Asbestos Abat Subch 8									
10	☐ Lead Hazard Abatement									
11	☐ Demolition									
	TOTAL COSTS	-								

III. DO YOU WANT: (optional) 1 ☐ Partial Releases 2 ☐ Prototype Processing

IV DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1 ☑ Elevators/Escalators/Lifts/Dumbwaiters/Moving Walks
2 ☐ High Pressure Boilers
3 ☐ Pressure Vessels
4 ☐ Refrigeration Systems
5 ☐ Cross-Connections/Backflow Preventers
6 ☐ Hazardous Uses/Places of Assembly
7 ☐ Sprinklers
8 ☐ Smoke Control Systems in Open Wells
9 ☐ Underground Storage Tanks

VII. DESCRIPTION OF BUILDING USE

A RESIDENTIAL
1 ☐ Hotels (R-1)
2 ☐ Multi-Family (R-2)
3 ☐ Two-Family (R-3) BOCA
4 ☐ Two-Family (R-4) CABO
5 ☐ One-Family (R-3) BOCA
6 ☐ One-Family (R-4) CABO
No of dwelling units
Before Construction ____
After Construction ____
Net gain or loss ____

B NON-RESIDENTIAL
1 State Specific Use
2 Use Group
3 Change in Use Group, Indicate Former

COMMERCIAL

Call contractor will mail in check

UCC/PRO F-100 (REV3/96)
Professional Printing
(856) 468-7933

CERTIFICATION IN LIEU OF OATH

I OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1

Mark the following applicable boxes

A ( ) I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws, and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N J S A 46 3B-1 et seq) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY

B ( ) I further certify the following as required by the New Jersey Uniform Construction Code, N J A C 5 23-2 15(e)1 vii

I personally prepared the plans submitted for 1) the new home referred to in A , or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1, or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1

C ( ) I further certify that I will perform or supervise the following work
C 1 ( ) Building C 2 ( ) Fire Protection

I further certify that I will perform the following work
C 3 ( ) Electrical C 4 ( ) Plumbing

D ( ) I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws

I further certify the following as required by the Uniform Construction Code N J A C 5 23-2 15(a)5 All required State, county, and local prior approvals have been given, including such certification as the construction official may require

I understand that if any of the above statements are willfully false, I am subject to punishment

Signature _____ Date _____

II AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N J A C 5 32-2 15(d) the proposed work is authorized by the owner in fee, and I have been authorized by the owner in fee to make this application as his agent

I further certify the following as required by the Uniform Construction Code, N J A C 5 23-2 15(a)5 All required State, county, and local prior approvals have been given, including such certification as the construction official may require

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws

I understand that if any of the above statements are willfully false, I am subject to punishment

(✓ Check if contractor

Agent Name Sophia Stathis @ Mobility Elevator

Address 4 York Ave
W. Caldwell, N.J. 07006

Telephone (973) 618-9545

Signature Sophia Stathis

III ( ) LEAD HAZARD ABATEMENT Include Homeowner or Building Owner Affidavit as per N J A C 5 17

08-2438
8/11/08

ELEVATOR SUBCODE
TECHNICAL SECTION

Date Received
Control #

Date Issued
Permit #

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE CALL UTILITY DIG NO 1-800-272-1000

Block 1091 Lot 5 Qualification Code

Work Site Location 250 OLD SQUAN RD
BRICK NJ

Owner in Fee [redacted]
Address 250 OLD SQUAN RD
BRICK NJ 08724

Tel ( ) 732-840-1410
Contractor/Installer Mobility Elevator
Address 4 York Avenue
West Caldwell, NJ 07006

Tel ( ) (973) 618 9545 FAX ( ) (973)-618 9638
Federal Emp No. 22 2859761
Maintenance/Service Contractor Mobility Elevator
Address 4 York Avenue West Caldwell, NJ 07006

Tel ( ) (973) 618 9545 FAX ( ) (973)-618 9638

B. ELEVATOR CHARACTERISTICS

Building Use Group COMMERCIAL Building Registration No
Manufacturer CONTROL Device I D
Machine Room Location
No of Stops 2 No of Openings 2
Travel (ft) 11' 6" Speed (f.p m) 30
Type of Control Push Button Type of Operation Automatic
Passenger YES Freight
Capacity (lbs) 1400
Year of Installation 2008 Year of Alteration 2008
Estimated Cost of Elevator Work $ $38,300.00

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application

Signature Sophia Stathis Date 7/11/08.

D. TECHNICAL SITE DATA

NO	ITEM	FEE (Office Use Only)
	Traction or Winding Drum	
	1 to 10 Floors	$
	Over 10 Floors	
	Hydraulic	216.
OHE	Roped Hydraulic	
	Escalator/Moving Walk	
	Dumbwaiter	
	Stairway Chairlift, Inclined and	
	Vertical Wheelchair Lifts and Man Lifts	
	Oil Buffers	
	Counterweight Governor and Safeties	
	Auxiliary Power Generator	
	Alterations	
T	Other PLAN REVIEW	260.
	Other	

COMMERCIAL

Administrative Surcharge $
State Permit Surcharge Fee $
TOTAL FEE $

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required
[X] Building [X] Plumbing
[X] Fire [X] Electric
[X] Elevator Plans Approved
Date 08-08-08
Approved by R Ely

INSPECTIONS

Type.	Failure	Failure	Approval	Initial
Temporary				
Final				

Dates (Month/Day)

SUBCODE APPPROVAL
[X] C of C [ ] Temp C of C
Date 3-23-09
Approved by R Ely

UCC/F-150 (REV.7/03)
Professional Printing
(856) 468-7933

1. White - Inspector Copy 2. Canary - Office Copy
3. Pink - Office Copy 4. Gold - Applicant Copy

ST Dominicks Church 1091 5

LULA

TOWNSHIP OF

Page 1 of 2

COPY

PLAN REVIEW REQUIRED DATE

SPECIFICATIONS & DATA SUPPLIED BY ELEVATOR CONTRACTOR

MANUFACTURER	SAVARIA Concept	INSTALLER	Mobility
CAR(S) NO.	1	PLATFORM THICKNESS	3/8"
TYPE (PASS.) (FRT.)	PASS	CAR BUFFER TYPE	RUBBER
CAPACITY	1400	CAR BUFFER STROKE	—
RATED SPEED	30 FPM	CAR BUFFER REACTIONS	
TRAVEL	11' 6"	LOAD CAR BUFFERS	
STOPS	2	TYPE HOISTWAY ENTRANCES	
OPENINGS	2	TYPE CAR DOOR(S) OR GATE(S)	
OPERATION	AUTO PB	FIREMAN'S SERVICE AT	1 FLOOR
POWER SUPPLY	208 3 60	ALT. FIREMEN'S SERVICE AT	2 FLOOR
MACH. ROOM HEAT EMISSION IN BTU'S	N/A	TRANSFORMER	N/A
CAR GUIDE RAILS	LBS/FT	HOIST BEAM CAPACITY	N/A
SPACING OF GUIDE RAIL SUPPORTS	11' 6"	SIZE & HEIGHT OF STILES	—
NET RAIL FORCES		CLASS LOADING (RULE 207 2b)	

R1 = 720
R2 = 260

HYDRAULIC ELEVATORS

PLUNGER OD	Solid 2 3/4"	PLUNGER WALL THK	
NUMBER OF PLUNGER SECTIONS		CYLINDER OD	3 1/2"
CYLINDER WALL THK		REFUGE SPACE PIT	TOP OF H/W
WORKING PRESSURE		RELIEF PRESSURE	
TYPE OF POWER UNIT		PUMP MOTOR HP	5
OIL PIPE OD		OIL PIPE WALL THK	
PLUNGER OVERTRAVEL UP	DOWN		

Roped 2 - 3/8" 7x19

TRACTION ELEVATORS

MACHINE ROOM REACTIONS		SIZE & WEIGHT OF MACHINE BEAMS	
SIZE OF CROSSHEAD		HOIST ROPES	
SIZE OF SAFETY PLANK		GOVERNOR ROPE(S)	
TYPE OF SAFETY (CAR)		COMPENSATION TYPE	No. SIZE
CAR GOVERNOR		CWT. BUFFER TYPE	
MACHINE TYPE		CWT. BUFFER STROKE	
MOTOR HP & TYPE		CWT. STILE SIZE	
DRIVE SHEAVE DIA.		TYPE OF CWT. GUIDES	
TYPE OF GROOVE		TYPE OF CWT. SAFETY	
DEFLECTOR/SECONDARY SHEAVE DIA.		CWT. GOVERNOR	
CONTROL (VVVF) (VVSCR) (VVMG)		CWT. GUIDE RAILS	LBS./FT.
ISOLATION		CWT. BUFFER REACTIONS	

ALL WORK TO COMPLY WITH ANSI A17.1 ELEVATOR SAFETY CODE AND/OR STATE OF NEW JERSEY HANDICAP CODE NJAC 5:23.7

Need MR VENT OR AC
Put sump pump
TOP OF CAR RUN BOX
CAR Run Box

REFUGE SPACE TOC 43
Install Limit SW TO
work OFF TOC Run Box

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N J 08723

Stephen C. Acropolis, Mayor

Department of Administration & Finance

Division of Inspections

FACSIMILE TRANSMITTAL SHEET

To: Sophia From: Allison - Brick Bldg dept

Company: Mobility Elevator Date: 08.12.08

Fax Number: 973-618-9638 Total No of Pages (incl. cover): 7

Phone Number: 973-618-9545 Senders Reference No:

RE: Your Reference No:

[ ] Urgent [X] For Review [ ] Please Comment [ ] Please Reply [ ] Please Recycle

Notes/Comments: FROM Elevator inspector Ray Ely

311 ACCESS BRICK TOWNSHIP

FACSIMILE TRANSMITTAL SHEET

To: Sophia From: Allison - Brick Bldg dept

Company: Mobility Elevator Date: 08.12.08

Fax Number: 973-618-9638 Total No of Pages (incl. cover): 7

Phone Number: 973-618-9545 Senders Reference No:

RE: Your Reference No:

[ ] Urgent [X] For Review [ ] Please Comment [ ] Please Reply [ ] Please Recycle

Notes/Comments: From Elevator inspector

Ray Ely

Telephone Number	Mode	Start	Time	Page	Result	Note
19736189638	NORMAL	12, 8:38	4'21"	8	* O K	

P.1 Aug 12 2008 8:43

** Transmit Conf. Report **

Land Use/ Bldg Dept Fax:732-262-8954

power supply, it shall be backed up by a manual or battery operated device.

5.1.22 End-Loading Inclined Elevators

5.1.22.1 Additional Requirements. Inclined elevators that load and unload passengers through car doors located at the uphill and downhill ends of the car shall conform to the following additional requirements of 5.1 22.

5.1.22.2 Speed. The rated speed shall not exceed 0.50 m/s (100 ft/min).

5.1.22.3 Buffers. The buffers shall be oil type only, installed at both terminals, conforming to 5.1.17.4.

Requirement 2.22.4.8 does not apply to end-loading inclined elevators. The buffer shall be compressed to within the overtravel distance when the car is level with the terminal landing. Each buffer shall be provided with a switch that shall prevent operation of the elevator by means of the normal operating device in the direction of travel towards that buffer unless it has returned to at least 90% of its stroke.

5.1.22.4 Final Terminal Stopping Devices. The final terminal stopping devices shall conform to 2 25.3.1 and 2.25.3.2, except for 2.25.3.2(a) and shall be located to operate within the reduced runby of end-loading inclined elevators.

5.1.22.5 Retractable Sills. End-loading inclined elevators shall be permitted to be equipped with retractable sill conforming to the following:

(a) They shall be designed so as to function without creating any pinching or shearing hazards

(b) They shall be equipped with return switches conforming to 2 25.2.1.1 and 2.25.2.1.3, which shall prevent the operation of the car in the direction of travel toward that terminal unless the retractable sill returns to its normal position.

5.1.22.6 Locking Car Doors. Car door locking devices on end-loading inclined elevators shall conform to 2.14.4.2.

(ED)

SECTION 5.2
LIMITED-USE/LIMITED-APPLICATION ELEVATORS

This Section applies to limited-use/limited-application elevators (see 1.3).

NOTE: See also Part 8 for additional requirements that apply to *limited-use/limited-application elevators*

5.2.1 Electric Limited-Use/Limited-Application Elevators

5.2.1.1 Construction of Hoistway and Hoistway Enclosures. The construction of hoistway enclosures shall conform to 2.1, except as modified by 5.2.1.1.1 and 5.2.1.1.2.

5.2.1.1.1 Requirement 2.1.1.4 does not apply. Elevators shall be installed in a single hoistway.

5.2.1.1.2 Requirement 2.1.3 applies only when a floor is provided at the top of hoistway.

(a) Requirement 2.1.3.1. Elevator machines and sheaves shall be permitted to be located inside the hoistway enclosure at the top or bottom without intervening enclosures or platforms If a floor is provided at the top of the hoistway, it shall comply with 5.2.1.1.2(c). If a floor is provided, it shall be permitted to be of wood.

(b) Requirement 2.1.3.2 does not apply.

(c) Requirement 2.1.3.3 does not apply. The floor shall be designed in accordance with other floors in the building. Where the machine is to be supported by the machine room floor, the floor shall be designed in accordance with 2.9.4 and 2.9.5.

(d) Requirement 2.1.3.4. The floor shall be permitted to be of wood.

5.2.1.2 Pits. Pits shall conform to 2.2.

5.2.1.3 Location and Guarding of Counterweights. The location and guarding of counterweights shall conform to 2.3, except as follows: Where counterweight guards conforming to 2.3.2 are not provided, lightweight chains, approximately 600 mm (24 in.) in length shall be attached to the bottom of the counterweight. These chains shall be spaced at 150 mm (6 in) intervals to provide a warning to a person in the path of the descending counterweight.

5.2.1.4 Vertical Clearances and Runbys for Cars and Counterweights. Bottom and top car clearances and runbys for cars and counterweights shall conform to 2.4, except as specified in 5.2.1.4.1 through 5.2.1.4.4.

5.2.1.4.1 Bottom Car Clearance. Elevators shall conform to 2.4.1 or 5.2.1.4.2.

5.2.1.4.2 Alternative to Bottom Car Clearance Requirements. When the car rests on its solid bumper or fully compressed buffer, no part of the car or any equipment attached thereto shall strike the pit or any part of the equipment located therein.

Nonremovable means shall be provided to mechanically hold the car above the pit floor to provide an area in the pit for maintenance and inspection, conforming to the following:

(a) It shall hold the car at a height of not less than 900 mm (35 in.) nor more than 2 000 mm (79 in.) above the pit floor and not less than 300 mm (12 in.) above the bottom landing sill, as measured from the underside of the car platform.

(b) The means shall be so designed and constructed as to stop and hold the car at governor tripping speed with rated load in the car.

(c) It shall not cause the stresses and deflections in car frame and platform members and their connections

2.1.6 Projections, Recesses, and Setbacks in Hoistway Enclosures

Hoistway enclosures shall have flush surfaces on the hoistway side, subject to the requirements of 2.1.6.1 and 2.1.6.2.

2.1.6.1 On sides for loading and unloading, landing sills, hoistway doors, door tracks, and hangers shall be permitted to project inside the hoistway enclosure. Sills shall be guarded as required by 2.11.10.1.

2.1.6.2 On sides not used for loading and unloading

(a) recesses, except those necessary for installation of elevator equipment, shall not be permitted

(b) beams, floor slabs, or other building construction making an angle less than 75 deg with the horizontal shall not project more than 100 mm (4 in.) inside the hoistway enclosure unless the top surface of the projection is beveled at an angle not less than 75 deg with the horizontal

(c) separator beams between adjacent elevators are not required to have bevels

(d) where setbacks exceeding 100 mm (4 in.) occur in the enclosure wall, the top of the setback shall be beveled at an angle of not less than 75 deg with the horizontal

(e) bevels are not required if the projections and setbacks are covered with material conforming to the following:

(1) it shall be equal to or stronger than 1.110 mm (0.0437 in.) wire

(2) it shall have openings not exceeding 25 mm (1 in.)

(3) it shall be supported and braced such that it will not deflect more than 25 mm (1 in.) when subjected to a force of 4.79 kPa (100 lbf/ft^2) applied horizontally at any point

SECTION 2.2
PITS

2.2.1 General

A pit shall be provided for every elevator.

2.2.2 Design and Construction of Pits

2.2.2.1 The construction of the pit walls, the pit floor, and any pit access doors (see 2.2.4) shall conform to 2.1.1 and 2.1.2.

(ED) **2.2.2.2** The floor of the pit shall be approximately level, except that

(a) trenches or depressions shall be permitted for the installation of buffers, compensating sheaves and frames, and vertically sliding biparting hoistway doors, where structural conditions make such trenches or depressions necessary

(b) in existing buildings, where new elevators are installed or existing elevators are altered, existing foundation footings extending above the general level of the pit floor shall be permitted to remain in place, provided that the maximum encroachment of such footings does not exceed 15% of the cubic content of the pit, and further provided that it is impracticable to remove the footing

2.2.2.3 Permanent provisions shall be made to prevent accumulation of ground water in the pit (see 2.1.2.2).

2.2.2.4 Drains and sump pumps, where provided, shall comply with the applicable plumbing code, and they shall be provided with a positive means to prevent water, gases, and odors from entering the hoistway.

2.2.2.5 In elevators provided with Firefighters' Emergency Operation, a drain or sump pump shall be provided.

2.2.2.6 Sumps and sump pumps in pits, where provided, shall be covered. The cover shall be secured and level with the pit floor.

2.2.2.7 In jurisdictions enforcing the NBCC sump pumps and their control equipment shall not be installed in any elevator pit.

2.2.3 Guards Between Adjacent Pits

2.2.3.1 Where there is a difference in level between (ED) the floors of adjacent pits, a metal guard, unperforated, or perforated with openings that will reject a ball 50 mm (2 in.) in diameter, shall be installed for separating such pits. Guards shall extend not less than 2 000 mm (79 in.) above the level of the higher pit floor and a self-closing access door shall be permitted.

2.2.3.2 Where the difference in level is 600 mm (24 in.) or less, a standard railing conforming to 2.10.2 shall be permitted to be installed in lieu of the guard.

2.2.4 Access to Pits

Safe and convenient access shall be provided to all pits, and shall conform to 2.2.4.1 through 2.2.4.4.

2.2.4.1 Access shall be by means of the lowest hoistway door or by means of a separate pit access door.

2.2.4.2 There shall be installed in the pit of each elevator, where the pit extends more than 900 mm (35 in.) below the sill of the pit access door, a fixed vertical ladder of noncombustible material, located within reach of the access door. The ladder shall extend not less than 1 200 mm (48 in.) above the sill of the access door. The rungs, cleats, or steps shall be a minimum of 400 mm (16 in.) wide. When unavoidable obstructions are encountered, the width shall be permitted to be decreased to less than 400 mm (16 in.). The reduced width shall be as wide as the available space permits, but not less than 225 mm (9 in.). The rungs, cleats, or steps shall be spaced 300 mm (12 in.) on center. A clear distance of not less than 180 mm (7 in.) from the centerline of the rungs, cleats, or steps to the nearest permanent

to exceed the limits specified in 2.15.10 and 2.15.11.

(d) If the means does not automatically activate when the lowest hoistway door is opened with the car not at the landing

(1) it shall be capable of being operated without complete bodily entry into the pit.

(2) a sign conforming to ANSI Z35.1, or CAN/CSA-Z321, whichever is applicable (see Part 9), shall be conspicuously displayed inside the hoistway, which shall include a warning that there is an insufficient bottom car clearance and instructions for operating the device. The letters shall be not less than 25 mm (1 in.) in height.

5.2.1.4.3 Top Car Clearance Requirements. Top car clearance shall conform to 2.4 or 5.2.1.4.4.

5.2.1.4.4 Alternative to Top Car Clearance Requirements. In existing buildings where the top car clearance conforming to 5.2.1.4.3 cannot be provided, the following shall apply:

(a) When the car has reached its maximum upper movement, no part of the car or any equipment attached thereto, other than as permitted by 5.2.1.4.4(b), shall strike the overhead structure or any part of the equipment located in the hoistway.

(b) Nonremovable means shall be provided to mechanically and electrically prevent upward movement of the car to provide an area above the car for maintenance and inspection, conforming to the following:

(1) The means shall prevent upward movement of the car to provide a refuge space conforming to 2.4.12.

(2) The means shall be so designed and constructed as to stop upward movement of the car at governor-tripping speed with and without rated load in the car.

(3) The means shall not cause the stresses and deflections in car frame and platform members and their connections to exceed the limits specified in 2.15.10 and 2.15.11.

(4) A sign conforming to ANSI Z35.1, or CAN/CSA-Z321, whichever is applicable (see Part 9), shall be conspicuously displayed inside the hoistway which shall include a warning that there is an insufficient top car clearance and instructions for operating the means. The letters shall be not less than 25 mm (1 in.) in height.

(5) The means shall be capable of being operated without complete bodily entry into the hoistway.

(6) The force to actuate the means shall not require more than 90 N (20 lbf).

(7) The top of car operating device shall not allow car movement until the means is actuated.

5.2.1.5 Horizontal Car and Counterweight Clearances. Horizontal car and counterweight clearances shall conform to 2.5.

5.2.1.6 Protection of Spaces Below Hoistways. The protection of spaces below hoistways shall conform to 2.6.

5.2.1.7 Machine Rooms and Machinery Spaces. Machine rooms and machinery spaces shall conform to 2.7, except as modified by 5.2.1.7.1 through 5.2.1.7.12. Equipment shall be located in elevator machine rooms, rooms containing other equipment essential to the operation of the building, or the hoistway.

5.2.1.7.1 Requirement 2.7.1.1 applies only where a separate machinery space is provided.

5.2.1.7.2 Requirement 2.7.1.2 applies only where a separate machinery space is provided. When provided, it shall be enclosed to a height of not less than 2 000 mm (79 in.).

5.2.1.7.3 Elevator machine and control equipment shall be permitted to be located in a room or space containing other machinery and equipment essential to the operation of the building, provided that they are separated from the other machinery or equipment by a substantial metal grille enclosure not less than 2 000 mm (79 in.) high with a self-closing and self-locking door and openable from the inside without a key. The grille enclosure shall be of a design that will reject a ball 50 mm (2 in) in diameter.

5.2.1.7.4 Requirement 2.7.2 does not apply. Where a machine is located at the bottom of the hoistway, the control equipment shall be located outside the hoistway or in a cabinet on the inside surface of the access door.

5.2.1.7.5 Requirement 2.7.3.3 applies only where a separate room is provided for machine and control equipment. A permanent stair or ladder is not required when the machinery space is within the hoistway.

5.2.1.7.6 Requirement 2.7.3.4.1 applies only where a separate machine room is provided and complete bodily entry is necessary.

5.2.1.7.7 Access openings in elevator hoistway enclosures shall be provided with an electric contact conforming to 2.12.4 and 2.14.4.2.1 through 2.14.4.2.3 that will cause interruption of power to the motor and brake when the access door is open.

5.2.1.7.8 Requirement 2.7.4.1 does not apply. The minimum headroom shall be 2 000 mm (79 in.).

5.2.1.7.9 Requirement 2.7.5.2 applies only when a separate machine room is provided.

5.2.1.7.10 Requirement 2.7.6 does not apply. Where the machine is located in the hoistway and access to the pit is required for maintenance, a permanent manual or automatic means shall be provided to stop the car from descending more than 2 000 mm (79 in.) above the pit floor.

5.2.1.7.11 Requirement 2.7.7 does not apply to machine rooms in hoistways.

2.7.3.3.5 A permanent, noncombustible platform or floor shall be provided at the top of the stairs with noncombustible railings conforming to 2.10.2.1, 2.10.2.2, and 2.10.2.3 on each open side. In jurisdictions not enforcing the NBCC, the size of the platform shall be sufficient to permit the full swing of the door plus 600 mm (24 in.) from the top of the riser to the swing line of the door. The floor of the platform shall be at the level of not more than 200 mm (8 in.) below the level of the access-door sill. Where the door swings inward, the width of the platform shall be not less than 750 mm (29 5 in.), and the length not less than the width of the door.

2.7.3.4 Access Doors and Openings

2.7.3.4.1 Access doors to machine rooms and overhead machinery spaces shall

(a) for machine rooms, be of a minimum width of 750 mm (29.5 in.) and a minimum height of 2 030 mm (80 in.); for other spaces as specified in 2.7.4 2 and 2 7.4.3, be of a minimum width and height of 750 mm (29.5 in.).

(b) be self-closing and self-locking.

(c) be provided with a spring-type lock arranged to permit the doors to be opened from the inside without a key.

(d) be kept closed and locked. Keys to unlock the access doors shall be of Group 2 Security (see 8.1).

2.7.3.4.2 Doors are not required at openings in machine room floors for access to deflecting and secondary-sheave spaces, provided the access opening is provided on all four sides with a standard railing conforming to 2.10.2, one side of which is arranged to slide or swing to provide access to the ladder or stairs leading to the secondary sheave space. Trap doors, where provided, shall have a standard railing conforming to 2.10.2 or guard wings on all open nonaccess sides.

2.7.3.4.3 Access openings in elevator hoistway enclosures where complete bodily entry is not necessary for maintenance and inspection of components shall be

(a) of adequate size and located to permit the required maintenance and inspection

(b) of maximum width of 600 mm (24 in.) and a maximum height of 600 mm (24 in.)

(c) provided with doors that shall be kept closed and locked. Keys to unlock the access doors to the elevator hoistways shall be of Group 1 Security (see 8.1)

2.7.3.5 Stop Switch in Overhead Machinery Space in the Hoistway. A stop switch, conforming to 2.26.2.24, shall be provided for each elevator in the overhead machinery space in the hoistway, adjacent to the lock jamb side of the door or adjacent to the nearest point of access to its overhead machinery space from the access door.

2.7.4 Headroom in Machine Rooms and Overhead Machinery Spaces

2.7.4.1 Elevator machine rooms and machinery spaces not located over the hoistway shall have a clear headroom of not less than 2 130 mm (84 in.).

2.7.4.2 Where a floor is provided at the top of the hoistway (see 2.1.3), elevator machine rooms and overhead machinery spaces above such floor shall have a clear headroom of not less than the following:

(a) machine, control, and motor-generator rooms, 2 130 mm (84 in.)

(b) spaces containing only overhead, secondary, or deflecting sheaves, 1 070 mm (42 in.)

(c) spaces containing overhead, secondary, or deflecting sheaves, and governors, signal machines, or other equipment, 1 350 mm (53 in.)

2.7.4.3 Where floors are provided under overhead, secondary, or deflecting sheaves [see 2.7.4.2(b) and (c)] the machine and supporting beams shall be permitted to encroach on the required headroom, provided there is a clearance of not less than 900 mm (35 in.) high and minimum width of 750 mm (29.5 in.) in the path of access to sheaves, governors, signal machines, or other equipment. (ED)

2.7.5 Lighting, Temperature, and Humidity in Machine Rooms and Machinery Spaces

2.7.5.1 Lighting. Permanent electric lighting shall be provided in all machine rooms and machinery spaces. The illumination shall be not less than 200 lx (19 fc) at the floor level. The lighting control switch shall be located within easy reach of the access to such rooms or spaces. Where practicable, the light control switch shall be located on the lock-jamb side of the access door.

2.7.5.2 Temperature and Humidity. Machine rooms shall be provided with natural or mechanical means to keep the ambient air temperature and humidity in the range specified by the elevator equipment manufacturer to ensure safe and normal operation of the elevator. The temperature and humidity range shall be permanently posted in the machine room.

2.7.6 Location of Machine Rooms and Control Rooms

Elevator machine and control rooms shall not be located in the hoistway. Drive and deflector sheaves and machine parts and supports are permitted to project into the hoistway (see 2.1.3.1).

2.7.7 Machine and Control Rooms Underneath the Hoistway

When a machine or control room is located underneath the hoistway, it shall conform to 2.7.7.1 through 2.7.7.5.

43" Refuge T.O.C.

(6 in.) clearance above the equipment, exclusive of guide-shoe assemblies or gate posts for vertically sliding gates, mounted on the car top or in or on the car crosshead when the car has reached its maximum upward movement.

NOTE See also 2.4.12, requirements for refuge space on top of car enclosure

(d) ½ the gravity stopping distance, based on:

(1) 115% of the rated speed where oil buffers are used, or 115% of the reduced striking speed when emergency terminal speed-limiting devices meeting the requirements of 2.25.4 are used and no compensating rope tie-down device in conformance with 2.17.17 is provided (see 8.2.5 for gravity stopping distances); or

(2) the governor tripping speed where spring buffers are used

(e) the distance to which the compensating rope tie-down device, if provided (see 2.17.17) limits the jump of the car when the counterweight strikes the buffers at speeds specified in 2.4.6.2(d).

2.4.7 Top Car Clearance for Uncounterweighted Elevators

The top car clearance shall be not less than the greater of the following:

(a) 750 mm (29.5 in.); or

(b) 150 mm (6 in.), plus the amount that any equipment mounted on the car crosshead, or above the car top when no crosshead is provided, projects vertically above the crosshead or top.

NOTE (2.4.7) See also 2.4.12, requirements for refuge space on top of car enclosure.

2.4.8 Vertical Clearances With Underslung Car Frames

Where an underslung car frame is used, the clearances between the overhead car rope dead-end hitch or overhead car sheave and the portions of the car structure vertically below them, when the car floor is level with the top terminal landing, shall be not less than the following:

(a) where no counterweight is used, 230 mm (9 in.)

(b) where a counterweight is used, the sum of the following items:

(1) the bottom counterweight runby (see 2.4.2)

(2) the stroke of the counterweight buffer used, or the remaining stroke when the buffer is compressed with the car at the top terminal landing (see 2.4.2 and 2.22.4.8)

(3) 150 mm (6 in.)

(4) ½ the gravity stopping distance based on 115% of the rated speed where oil buffers are used, or 115% of the reduced striking speed when emergency terminal speed-limiting devices meeting the requirements of 2.25.4 are used and no provision is made to prevent the jump of the car at counterweight buffer engagement, or on governor tripping speed where spring buffers are used (see 8.2.5 for gravity stopping distances)

NOTE [2.4.8(b)(4)]: See also 2.4.12, requirements for refuge space on top of car enclosure.

2.4.9 Top Counterweight Clearances

The top counterweight clearance shall be not less than the sum of the following items:

(a) the bottom car runby (see 2.4.2)

(b) the stroke of the car buffer used, or the remaining stroke when the buffer is compressed with the car at the bottom terminal landing (see 2.4.2 and 2.22.4.8)

(c) 150 mm (6 in.)

(d) ½ the gravity stopping distance based on

(1) 115% of the rated speed where oil buffers are used, or 115% of the reduced striking speed when emergency terminal speed-limiting devices meeting the requirements of 2.25.4 are used and no provision is made to prevent the jump of the counterweight at car buffer engagement; or (04)

(2) the governor tripping speed where spring buffers are used (see 8.2.5 for gravity stopping distances).

2.4.10 Overhead Clearances Where Overhead Beams Are Not Over Car Crosshead

Where overhead beams or other overhead hoistway construction, except sheaves, are located vertically over the car, but not over the crosshead, the requirements of 2.4.10.1 and 2.4.10.2 shall be met.

2.4.10.1 The clearance from the car top to such beams or construction, when the car is level with the top landing, shall be not less than the amount specified in 2.4.6 and 2.4.7.

2.4.10.2 Such beams or construction shall be located not less than 600 mm (24 in.) horizontally from the crosshead.

2.4.11 Equipment on Top of Car Not Permitted to Strike Overhead Structure

When the car crosshead, or car top where no crosshead is provided, is at a distance equal to that specified in 2.4.6.2(c) from the nearest obstruction above it, no equipment on top of the car shall strike any part of the overhead structure or the equipment located in the hoistway.

2.4.12 Refuge Space on Top of Car Enclosure

2.4.12.1 An unobstructed horizontal area of not less than 0.5 m^2 (5.4 ft^2) shall be provided on top of the car enclosure for refuge space. It shall measure not less than 600 mm (24 in.) on any side. This area shall be permitted to include the space utilized for the top emergency exit [see 2.14.1.5.1(f)]. The minimum vertical distance in the refuge area between the top of the car enclosure and the overhead structure or other obstruction shall be not less than 1 100 mm (43 in.) when the car has reached its maximum upward movement.

2.4.12.2 In any area outside the refuge space where the vertical clearance between the top of the car enclosure and the overhead structure or other obstructions is less than specified in 2.4.12.1, the top of the car enclosure shall be clearly marked. The marking shall consist of alternating 100 mm (4 in.) diagonal red and white stripes. In addition, a sign with the words "DANGER LOW CLEARANCE" shall be prominently posted on the crosshead and be visible from the entrance. The sign shall conform to ANSI Z535.2 or CAN/CSA-Z321, whichever is applicable (see Part 9). The sign shall be of such material and construction that the letters and figures stamped, etched, cast, or otherwise applied to the face shall remain permanently and readily legible.

SECTION 2.5
HORIZONTAL CAR AND COUNTERWEIGHT CLEARANCES

2.5.1 Clearances Between Cars, Counterweights, and Hoistway Enclosures

2.5.1.1 Between Car and Hoistway Enclosures. The clearance between the car and the hoistway enclosure shall be not less than 20 mm (0.8 in.), except on the sides used for loading and unloading.

2.5.1.2 Between Car and Counterweight and Counterweight Guard. The clearance between the car and the counterweight shall be not less than 25 mm (1 in.). The clearance between the car and the counterweight guard, counterweight and the counterweight guard, and between the counterweight and the hoistway enclosure shall be not less than 20 mm (0.8 in.).

2.5.1.3 Between Cars in Multiple Hoistways. The running clearance between the cars and any equipment attached thereto, of elevators operating in a multiple hoistway, shall be not less than 50 mm (2 in.).

2.5.1.4 Between Car and Landing Sills. The clearance between the car platform sill and the hoistway edge of any landing sill, or the hoistway side of any vertically sliding counterweighted or counterbalanced hoistway door, or of any vertically sliding counterbalanced biparting hoistway door, shall be not less than 13 mm (0.5 in.) where side guides are used, and not less than 20 mm (0.8 in.) where corner guides are used. The maximum clearance shall be not more than 32 mm (1.25 in.).

2.5.1.5 Clearance Between Loading Side of Car Platforms and Hoistway Enclosures

2.5.1.5.1 The clearance between the edge of the car platform sill and the hoistway enclosure or fascia plate for the full width of the clear hoistway door opening shall be not more than

(a) 190 mm (7.5 in.) for vertically sliding doors

(b) 125 mm (5 in.) for other doors

2.5.1.5.2 This clearance shall be maintained to the location of the car sill when the car is resting on fully compressed buffer.

2.5.1.5.3 The clearance is not limited on passenger elevators, provided that

(a) a car door interlock conforming to 2.14.4.2 is provided to prevent a door from being opened unless the car is within the unlocking zone

(b) the strength of the door complies with 2.11.11.2, 2.11.11.4, 2.11.11.6, 2.11.11.7, and 2.11.11.8

2.5.1.6 Clearance Between Car Platform Apron and Pit Enclosure. Where the lowest landing sill projects into the hoistway, the clearance between the car platform apron and the pit enclosure or fascia plate shall be not more than 32 mm (1.25 in.). This clearance shall be maintained to the location of the car platform apron when the car is resting on its fully compressed buffer.

2.5.1.7 Measurement of Clearances. The clearances specified in 2.5.1 shall be measured with no load on the car platform.

SECTION 2.6
PROTECTION OF SPACE BELOW HOISTWAYS

Where a hoistway does not extend to the lowest floor of the building and there is space below the hoistway that is accessible, requirements of 2.6.1 and 2.6.2 shall be complied with.

2.6.1 Where the Space Is Underneath the Counterweight and/or Its Guides

Where the space is underneath the counterweight and/or its guides

(a) the counterweight shall be provided with a counterweight safety conforming to 2.17.4

(b) spring buffers, if used, shall conform to 2.22, except that they shall not be fully compressed when struck by the counterweight at the following speeds (see 2.1.2.3):

(1) at governor tripping speed where the counterweight safety is governor operated, or

(2) 125% of the rated speed where the counterweight safety is not governor operated

2.6.2 Where the Space Is Underneath the Car and/or Its Guides

Where the space is underneath the car and/or its guides and if spring buffers are used, they shall be so designed and installed that they will not be fully compressed solid or to a fixed stop when struck by the car with its rated load at the governor tripping speed (see 2.1.2.3).

to exceed the limits specified in 2.15.10 and 2.15.11.

(d) If the means does not automatically activate when the lowest hoistway door is opened with the car not at the landing

(1) it shall be capable of being operated without complete bodily entry into the pit.

(2) a sign conforming to ANSI Z35.1, or CAN/CSA-Z321, whichever is applicable (see Part 9), shall be conspicuously displayed inside the hoistway, which shall include a warning that there is an insufficient bottom car clearance and instructions for operating the device. The letters shall be not less than 25 mm (1 in.) in height.

5.2.1.4.3 Top Car Clearance Requirements. Top car clearance shall conform to 2.4 or 5.2.1.4.4.

5.2.1.4.4 Alternative to Top Car Clearance Requirements. In existing buildings where the top car clearance conforming to 5.2.1.4.3 cannot be provided, the following shall apply:

(a) When the car has reached its maximum upper movement, no part of the car or any equipment attached thereto, other than as permitted by 5.2.1.4.4(b), shall strike the overhead structure or any part of the equipment located in the hoistway

(b) Nonremovable means shall be provided to mechanically and electrically prevent upward movement of the car to provide an area above the car for maintenance and inspection, conforming to the following:

(1) The means shall prevent upward movement of the car to provide a refuge space conforming to 2.4.12.

(2) The means shall be so designed and constructed as to stop upward movement of the car at governor-tripping speed with and without rated load in the car.

(3) The means shall not cause the stresses and deflections in car frame and platform members and their connections to exceed the limits specified in 2.15.10 and 2.15.11.

(4) A sign conforming to ANSI Z35.1, or CAN/CSA-Z321, whichever is applicable (see Part 9), shall be conspicuously displayed inside the hoistway which shall include a warning that there is an insufficient top car clearance and instructions for operating the means. The letters shall be not less than 25 mm (1 in.) in height

(5) The means shall be capable of being operated without complete bodily entry into the hoistway.

(6) The force to actuate the means shall not require more than 90 N (20 lbf).

(7) The top of car operating device shall not allow car movement until the means is actuated.

5.2.1.5 Horizontal Car and Counterweight Clearances. Horizontal car and counterweight clearances shall conform to 2.5.

5.2.1.6 Protection of Spaces Below Hoistways. The protection of spaces below hoistways shall conform to 2.6.

5.2.1.7 Machine Rooms and Machinery Spaces. Machine rooms and machinery spaces shall conform to 2.7, except as modified by 5.2.1.7.1 through 5.2.1.7.12. Equipment shall be located in elevator machine rooms, rooms containing other equipment essential to the operation of the building, or the hoistway.

5.2.1.7.1 Requirement 2.7.1.1 applies only where a separate machinery space is provided.

5.2.1.7.2 Requirement 2.7.1.2 applies only where a separate machinery space is provided. When provided, it shall be enclosed to a height of not less than 2 000 mm (79 in.).

5.2.1.7.3 Elevator machine and control equipment shall be permitted to be located in a room or space containing other machinery and equipment essential to the operation of the building, provided that they are separated from the other machinery or equipment by a substantial metal grille enclosure not less than 2 000 mm (79 in.) high with a self-closing and self-locking door and openable from the inside without a key. The grille enclosure shall be of a design that will reject a ball 50 mm (2 in.) in diameter.

5.2.1.7.4 Requirement 2.7.2 does not apply. Where a machine is located at the bottom of the hoistway, the control equipment shall be located outside the hoistway or in a cabinet on the inside surface of the access door.

5.2.1.7.5 Requirement 2.7.3.3 applies only where a separate room is provided for machine and control equipment. A permanent stair or ladder is not required when the machinery space is within the hoistway.

5.2.1.7.6 Requirement 2.7.3.4.1 applies only where a separate machine room is provided and complete bodily entry is necessary.

5.2.1.7.7 Access openings in elevator hoistway enclosures shall be provided with an electric contact conforming to 2.12.4 and 2.14.4.2.1 through 2.14.4.2.3 that will cause interruption of power to the motor and brake when the access door is open.

5.2.1.7.8 Requirement 2.7.4.1 does not apply. The minimum headroom shall be 2 000 mm (79 in.).

5.2.1.7.9 Requirement 2.7.5.2 applies only when a separate machine room is provided.

5.2.1.7.10 Requirement 2.7.6 does not apply. Where the machine is located in the hoistway and access to the pit is required for maintenance, a permanent manual or automatic means shall be provided to stop the car from descending more than 2 000 mm (79 in.) above the pit floor.

5.2.1.7.11 Requirement 2.7.7 does not apply to machine rooms in hoistways.

CONSTRUCTION PERMIT

Date Issued 8/11/2008
Control # C-08-003436
Permit # 08-2438

IDENTIFICATION Block 1091 Lot 5 Qualifier
Work Site Location 250 OLD SQUAN RD Brick Township, NJ
Contractor MOBILITY ELEV & LIFT CO
Address 4 YORK AVE WEST CALDWELL NJ 07006
Owner in Fee ST DOMINICS R C CHURCH
250 OLD SQUAN RD BRICK NJ 08724
Telephone (800) 441-4181
Lic No or Bldrs Reg. No 13VH0226400
Telephone (732) 840-1410
Federal Employee No 22-2869761

Is hereby granted permission to perform the following work:

- ☐ BUILDING
- ☐ PLUMBING
- ☐ LEAD HAZARD ABATEMENT
- ☐ ELECTRICAL
- ☐ FIRE PROTECTION
- ☐ DEMOLITION
- ☑ ELEVATOR DEVICES
- ☐ ASBESTOS ABATEMENT (Subchapter 8 only)
- ☐ OTHER

DESCRIPTION OF WORK
ELEVATOR ROPED HYDRAULIC

Note: If constuction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.
Estimated Cost of Work $38,300

Construction Official

8-11-08
Date

PAYMENTS (Office Use Only)

Building	$0
Electrical	$0
Plumbing	$0
Fire Protection	$0
Elevator Devices	$260
Other	$0 00
DCA Training Fee	$52
CO Fee	
Other	$0
Total	$312
Check No	33917
Cash	$0
Credit	$0
Collected By	Inspection Account

U C C F170
equiv (rev 8/03)
1 WHITE - INSPECTOR 2 CANARY - OFFICE 3 PINK - TAX ASSESSOR 4 GOLD - APPLICANT

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N J A C 5 23-2 18 This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below Requests for inspections must be made at least 24 hours prior to the time the inspection is desired Inspections will be performed within three business days of the time for which they are requested The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted

☐ Required inspections for all subcodes for one- and two-family dwellings are as follows

1 The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode

2 Foundations and all walls up to grade level prior to back filling

3 All structural framing, connections, wall and roof sheathing and insulation, electrical rough wiring, panel and service installation, rough plumbing The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material

4 Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures, electrical wiring, devices and fixtures; mechanical systems equipment

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable

☐ Required special inspections The applicant by accepting the permit will be deemed to have consented to these requirements

☐ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment, electrical wiring, devices and fixtures, plumbing pipes, trim and fixtures, tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable, and verification of compliance with NJAC 5 23-3 5, "Posting structures".

☐ A complete copy of released plans must be kept on the job site

If you do not understand any of this information, please ask

Mobility
Elevator & Lift Co.

4 York Avenue • West Caldwell, NJ 07006
800.441.4181 973 618.9545 • F 973.618.9638
www.mobilityelevator.com

August 7, 2008

Township of Brick
Attn: Ray Eily
401 Chambers Bridge Rd
Brick, NJ 08723

RE: St Dominic's School
250 Old Squan Rd
Brick, NJ 08724

Mr Eily,

As per our conversation we will provide the items below that you requested.

Provide a pit sump pump

43" space refuge on top of the car, when elevator is leveled with top floor. If space refuge is not available, provide a limit switch, stop to work with car run box, to insure we have 43"

Machine room venting or air conditioning.

Sincerely,

Sophia Stathis

Permit Administrator
Sophia Stathis

4 York Avenue, Suite #1
West Caldwell, NJ 07006
973-618-9545 PHONE
973-618-9638 FAX

CHECK OUT OUR WEB SITE: WWW.MOBILITYELEVATOR.COM

Fax

To: Building Dpt	**From:** Sophia Stathis
Fax: 732-262-8954	**Pages:** 2
Phone:	**Date:** 8/7/08
Re: 250 Old Squan Rd	**CC:**

☐ **Urgent** X **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

- **Comments:**

Please See attached letter that Mr. Ray Eily requested for the above project

Thank you,

Sophia

Sophia Stathis
Permit Administrator
Mobility Elevator & Lift Co.
4 York Avenue, Suite #1
West Caldwell, NJ 07006

Bldg Elect Fire Plumbing (Please mark subcode)

CONTROL NUMBER 08-00336

TOWNSHIP OF BRICK
APPLICATION REVIEW PROCESS

ADDRESS OF APPLICATION: 250 Old Squan Rd - 5ft climbing Elevator.

DATE REVIEWED: 08.07.08

REVIEWED BY: CST

CONTACT CALLED/FAXED: Ltr Ray EV - need 2 letters - 1 from Mobility Elevator Site plan Review Required date - notes on bottom of page. 1 from Gavan General Contractor - 8/7/8 We Received letter from Gavan. - Called Ray - Read letter to him - he was ok with what was submitted 8/7/8 called Mobility Elevator - Sophia - will be waiting on letter this afternoon - Ray also called them in regard to letter. - 8/7/8 Received faxed letter from Mobility Elevator called Ray to see if it's ok by him. left message

Frank/plan review template

Gavan General Contracting, Inc.

August 7, 2008

Mr. Ray Ely
Township of Brick
Chambersbridge Rd.
Brick, NJ 08724

Re: Elevator Permit for St. Dominic's School Addition
Ventilation and Drainage

Dear Mr. Ely,

Please be advised that we will be supplying the ventilation and drainage for the elevator as per code.

Sincerely,

Kevin P. Gavan, President

1500 NORTH APPLE ST. LAKEWOOD, NEW JERSEY 08701-1408
PHONE: 732-367-3900 FAX: 732-901-9616
GavanGC@aol.com

ST Dominicks Church 1091 S

LULA

TOWNSHIP OF

X PLAN REVIEW REQUIRED DATE

SPECIFICATIONS & DATA SUPPLIED BY ELEVATOR CONTRACTOR

MANUFACTURER	SAVARIA Concord	INSTALLER	Mobility
CAR(S) NO.	1	PLATFORM THICKNESS	3/8"
TYPE (PASS.) (FRT.)	PASS	CAR BUFFER TYPE	RUBBER
CAPACITY	1400	CAR BUFFER STROKE	—
RATED SPEED	30 FPM	CAR BUFFER REACTIONS	
TRAVEL	11' 6"	LOAD CAR BUFFERS	
STOPS	2	TYPE HOISTWAY ENTRANCES	
OPENINGS	2	TYPE CAR DOOR(S) OR GATE(S)	
OPERATION	AUTO PB	FIREMAN'S SERVICE AT	1 FLOOR
POWER SUPPLY	208 3 60	ALT. FIREMEN'S SERVICE AT	2 FLOOR
MACH. ROOM HEAT EMISSION IN BTU'S	N/A	TRANSFORMER	N/A
CAR GUIDE RAILS	LBS/FT	HOIST BEAM CAPACITY	N/A
SPACING OF GUIDE RAIL SUPPORTS	11' 6"	SIZE & HEIGHT OF STILES	—
NET RAIL FORCES		CLASS LOADING (RULE 207 2b)	

R1 = 720
R2 = 260

HYDRAULIC ELEVATORS

PLUNGER OD	Solid 2 3/4"	PLUNGER WALK THK	
NUMBER OF PLUNGER SECTIONS		CYLINDER OD	5 1/2"
CYLINDER WALL THK		REFUGE SPACE PIT	TOP OF H/W
WORKING PRESSURE		RELIEF PRESSURE	
TYPE OF POWER UNIT		PUMP MOTOR HP	5
OIL PIPE OD		OIL PIPE WALL THK	
PLUNGER OVERTRAVEL UP DOWN			

Roped 2 - 3/8" 7x19

TRACTION ELEVATORS

MACHINE ROOM REACTIONS		SIZE & WEIGHT OF MACHINE BEAMS	
SIZE OF CROSSHEAD		HOIST ROPES	
SIZE OF SAFETY PLANK		GOVERNOR ROPE(S)	
TYPE OF SAFETY (CAR)		COMPENSATION TYPE	No. SIZE
CAR GOVERNOR		CWT. BUFFER TYPE	
MACHINE TYPE		CWT. BUFFER STROKE	
MOTOR HP & TYPE		CWT. STILE SIZE	
DRIVE SHEAVE DIA.		TYPE OF CWT. GUIDES	
TYPE OF GROOVE		TYPE OF CWT. SAFETY	
DEFLECTOR/SECONDARY SHEAVE DIA.		CWT. GOVERNOR	
CONTROL (VVVF) (VVSCR) (VVMG)		CWT. GUIDE RAILS	LBS./FT.
ISOLATION		CWT. BUFFER REACTIONS	

ALL WORK TO COMPLY WITH ANSI A17.1 ELEVATOR SAFETY CODE AND/OR STATE OF NEW JERSEY HANDICAP CODE NJAC 5:23.7

Elevator Cons

Need MR Vent OR AC OR AL
Pit sump pump
TOP OR CAR Run Box
CAR Run Box

REFUGE SPACE TOC 43
Install Limit SW TO work off TOC Run Box

TOWNSHIP OF

PLAN REVIEW REQUIRED DATA

ESTIMATED WEIGHTS

TRACTION ELEVATORS

ENCL. DOORS PROT. DEVICE	
PLATFORM TOTAL	
MISCELLANEOUS	
CAR FRAME & SAFETY	
TOTAL CAR	
OVERBALANCE	
1/2 TIC WEIGHT	
TOTAL CWT	
LOAD ON CAR SAFETY	
LOAD ON SHEAVE SHAFT	
WEIGHT of MACHINE	

HYDRAULIC ELEVATORS

ENCL. DOORS PROT. DEVICE	
PLATFORM TOTAL	
MISCELLANEOUS	
CAR FRAME	
TOTAL CAR	
LOAD ON JACK ASSEMBLY	
WEIGHT of MACHINE	

ESCALATORS

RATED LOADS IN LB. (Rule 8029)	HORIZONTAL SPAN
HORIZONTAL PROTECTION OF TRUSS	STRUCTURAL RATED LOAD
LOCATION OF EMERGENCY STOP BUTTONS	MACHINERY RATED LOAD
ACCESS TO MACHINE ROOM PIT. INTERIOR	BRAKE RATED LOAD (Stopped)
INDICATE NUMBER OF FLAT STEPS	BRAKE RATED LOAD (Running)
TRUSS EXTENSION OR REDUCTION	LOAD OF ONE STEP CHAIN
STEP TREAD WIDTH IN INCHES	BREAKING LOAD OF STEP CHAIN
DIAMETER OF DRIVE WHEEL	DIAMETER OF STEP CHAIN WHEEL
LOAD OF ONE DRIVE CHAIN	BREAKING LOAD OF DRIVE CHAIN

GENERAL INFORMATION REQUIRED

* Locate escalator from structural or architectural drawings
* Furnish scaled structural drawing indicating escalator reactions
* Three sets of sealed escalator layout drawings

Gavan General Contracting, Inc.
1500 North Apple Street
Lakewood, NJ 08701

PHONE: 732-367-3900
FAX: 732-901-9616

LETTER OF TRANSMITTAL

DATE: 7/14/08 JOB NO: 608

ATTENTION: D. Neuman, Jr.

TO: Township of Brick Bldg. Insptr. Dept.

401 Chambersbridge Rd.

Brick, NJ 08723

RE: Addition and Alterations

Saint Dominic's School

Brick, NJ

WE ARE SENDING YOU [x] ATTACHED [] UNDER SEPARATE COVER VIA_____ THE FOLLOWING ITEMS:

[ ] SHOP DRAWINGS [] SUBMITTALS [X] PRINTS [] SPECIFICATION [] COPY OF LETTER

[] CHANGE ORDER [] OTHER _____

COPIES	DATE	NO.	DESCRIPTION
2		A102 & A103	Signed & Sealed Plans
1			Elevator/Construction Permit
4			Signed & Sealed Elevator Shop Cuts/Plans

THESE ARE TRANSMITTED AS CHECKED BELOW:

[X] FOR YOUR APPROVAL [] APPROVED AS SUBMITTED [] SUBMIT_____COPIES FOR DISTRIBUTION

[X] FOR YOUR USE [] APPROVED AS NOTED [] AS REQUESTED [] FOR YOUR REVIEW

[] RETURNED FOR CORRECTION [] RETURN___ CORRECTED PRINTS

[] FOR BIDS DUE:

REMARKS:

If you have any questions please call. Thank you.

CC:
File

SIGNED: Kevin P. Gavan, President