



# APPLICATION FOR VARIANCE

State Form 44400 (R5 / 10-10)

Approved by State Board of Accounts, 2008

INDIANA DEPARTMENT OF HOMELAND SECURITY  
CODE SERVICES SECTION  
402 West Washington Street, Room W246  
Indianapolis, IN 46204-2739  
[http://www.in.gov/dhs/fire/fp\\_bs\\_comm\\_code/](http://www.in.gov/dhs/fire/fp_bs_comm_code/)



**INSTRUCTION: Please refer to the attached four (4) page instructions.  
Attach additional pages as needed to complete this application.**

Variance number (Assigned by department)

15-03-5(a)

### 1. APPLICANT INFORMATION (Person who would be in violation if variance is not granted; usually this is the owner)

Name of the applicant <i>Walter Justus</i>	Title <i>President</i>
Name of organization Justus at Woodland Terrace, LLC	Telephone number <i>(317) 353-8311</i>
Address (number and street, city, state, and ZIP code) 689 Pro Med Drive, Carmel, IN 46032	

### 2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT (If not submitted by the applicant)

Name of person on behalf of the applicant Matt Delks	Title Sales Manager
Name of organization KONE Inc.	Telephone number ( 317 ) 788-0061
Address (number and street, city, state, and ZIP code) 5201 Park Emerson Drive, Suite O Indianapolis, IN 46203	

### 3. DESIGN PROFESSIONAL OF RECORD (If applicable)

Name of design professional	License number
Name of organization	Telephone number ( )
Address (number and street, city, state, and ZIP code)	

### 4. PROJECT IDENTIFICATION

Name of project Woodland Terrace of Carmel elev. #2	State project number	County
Site address (number and street, city, state, and ZIP code) 689 Pro Med Drive, Carmel, IN 46032		
Type of project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Alteration <input type="checkbox"/> Change of occupancy <input type="checkbox"/> Existing		

### 5. REQUIRED ADDITIONAL INFORMATION

The following required information has been included with this application (check as applicable):

- A check made payable to the Indiana Department of Homeland Security for the appropriate amount. (see instructions)
- One (1) set of plans or drawings and supporting data that describe the area affected by the requested variance and any proposed alternatives.
- Written documentation showing that the local fire official has received a copy of the variance application.
- Written documentation showing that the local building official has received a copy of the variance application.

### 6. VIOLATION INFORMATION

Has the Plan Review Section of the Division of Fire & Building Safety issued a Correction Order?  
 Yes (if yes, attach a copy of the Correction Order)     No

Has a violation been issued?     Yes (if yes, attach a copy of the Violation and answer the following)     No

Violation issued by:     Local Building Department     State Fire and Building Code Enforcement Section  
 Local Fire Department

**7. DESCRIPTION OF REQUESTED VARIANCE**

Name of code or standard and edition involved 2007 Indiana Elevator Code (ASME A17.1-2007)	Specific code section 2.20.4 Minimum Number and Diameter of Suspension Ropes
Nature of non-compliance (include a description of spaces, equipment, etc. involved as necessary) KONE EcoSpace Elevators with a capacity of 3,000-5,000# utilize 8mm steel wire rope suspension cable instead of the required minimum dia. of 9.5mm per Section 2.20.4. Per the attached documentation, these cables meet ASME code Section 2.20.3 Factor of Safety along with the minimum number of ropes required in Section 2.20.4	

**8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED**

Select one of the following statements:

- Non-compliance with the rule will not be adverse to the public health, safety or welfare; or
- Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (*be specific*).

Facts demonstrating that the above selected statement is true:

Refer to attached Rope Approval Binder and Section 3 inside the binder which has a copy of an independent 3rd party testing agency verifying the braking strength of the ropes

KONE will also provide a (if requested by the State of Indiana) rope gauge to each elevator inspector. These gauges measure the diameter of the ropes and determine if the ropes need to be replaced due to wear or rouging. (See attached Rope Gauge)

**9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE**

Select at least one of the following statements:

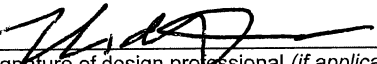
- Imposition of the rule would result in an undue hardship (*unusual difficulty*) because of physical limitations of the construction site or its utility services.
- Imposition of the rule would result in an undue hardship (*unusual difficulty*) because of major operational problems in the use of the building or structure.
- Imposition of the rule would result in an undue hardship (*unusual difficulty*) because of excessive costs of additional or altered construction elements.
- Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure.

Facts demonstrating that the above selected statement is true:

This elevator application deletes the need to build an elevator penthouse therefore lowering overall building costs. The elevator technology is addressed by and complies with more recent elevator standards not currently adopted by the State of Indiana.

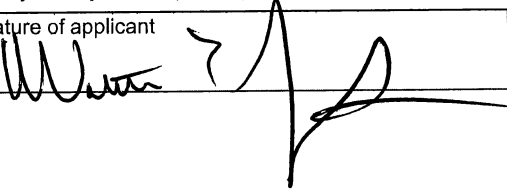
**10. STATEMENT OF ACCURACY**

I hereby certify under penalty of perjury that the information contained in this application is accurate.

Signature of applicant or person submitting application 	Please print name Matt Delks	Date of signature (month, day, year) 1/29/15
Signature of design professional (if applicable)	Please print name	Date of signature (month, day, year)

**11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement)**

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Variance number (Assigned by department)

15-03-5(6)

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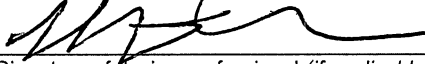
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Signature of applicant 	Please print name	Date of signature (month, day, year)
---	-------------------	--------------------------------------

NOTES:

- ENTIRE FRONT AND/OR REAR HOISTWAY WALL TO BE LEFT FULLY OPEN AT EACH LANDING - COORDINATE WITH KONE.
- GOVERNOR TO BE POSITIONED WITH ELECTRICAL BOXES TOWARD REAR SIDE AND ENCLOSURE TOWARD FRONT SIDE.
- TERMINATE WIRE DUCT 48" [1220] ABOVE LOWEST LANDING. PIT LADDER TO BE POSITIONED DIRECTLY BELOW DUCT.
- REFER TO THE DATA SHEET FOR FURTHER DETAILS CONCERNING ALLOWABLE CLEAR HOISTWAY TOLERANCES.
- MINIMUM CLEAR HOISTWAY WIDTH SHOWN. CONTACT KONE FOR MAXIMUM ALLOWABLE CLEAR HOISTWAY.
- ALL CAR AND CWT RAIL BRACKETS ATTACH TO SIDE HOISTWAY WALLS.
- FULLER BIT HEIGHTS ARE BASED ON A COMPLETE CAB INSTALLATION

FIELD NOTES:

- E DIM FOR ELEV 2 = 92.075"

ELEVATOR: 2  
 SPUT FILLER BIT HT (STEEL): 10"  
 FULL FILLER BIT HT (STEEL)THIN: 2 5/8"  
 FULL FILLER BIT HT (CONCRETE): 1'-8"  
 FULL FILLER BIT HT (STEEL)THK: 3'-5 1/8"

APPROVED BY:

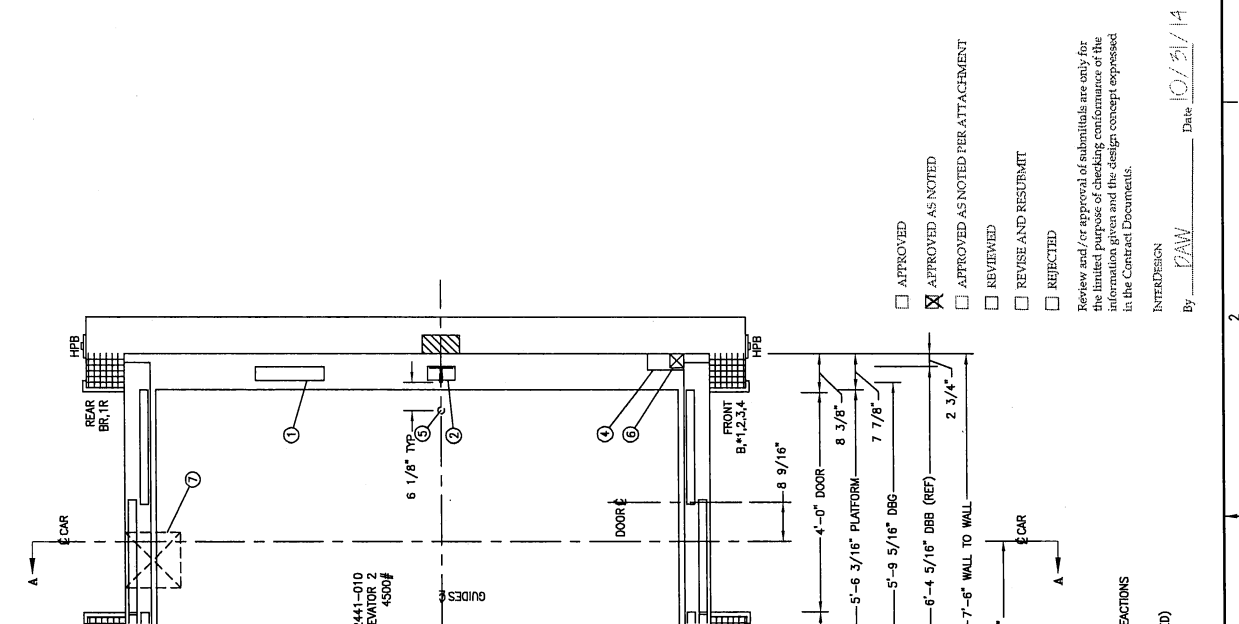
PROJECT: WOODLAND TERRACE OF CAMEL  
 LOCATION: EL-2  
 ENG/ARCH: <engineer>  
 CONTRACTOR: THE JUSTUS COMPANIES

ITEM NO.	UNIT NO.	EQUIPMENT NO.

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**KONE**

GENERATED ON: 10/15/14 BR: MDE  
 UNITS: 010  
 DRAWING: M-0642441  
 DESCRIPTION: HOISTWAY  
 SHEET: 1 of 16



APPROVED AS NOTED

APPROVED AS NOTED PER ATTACHMENT

REVIEWED

REVISE AND RESUBMIT

REJECTED

Review and/or approval of submittals are only for the purpose of checking compliance with the information given and the design concept expressed in the Contract Documents.

INTERDESIGN  
 By: DAW Date: 10/31/14

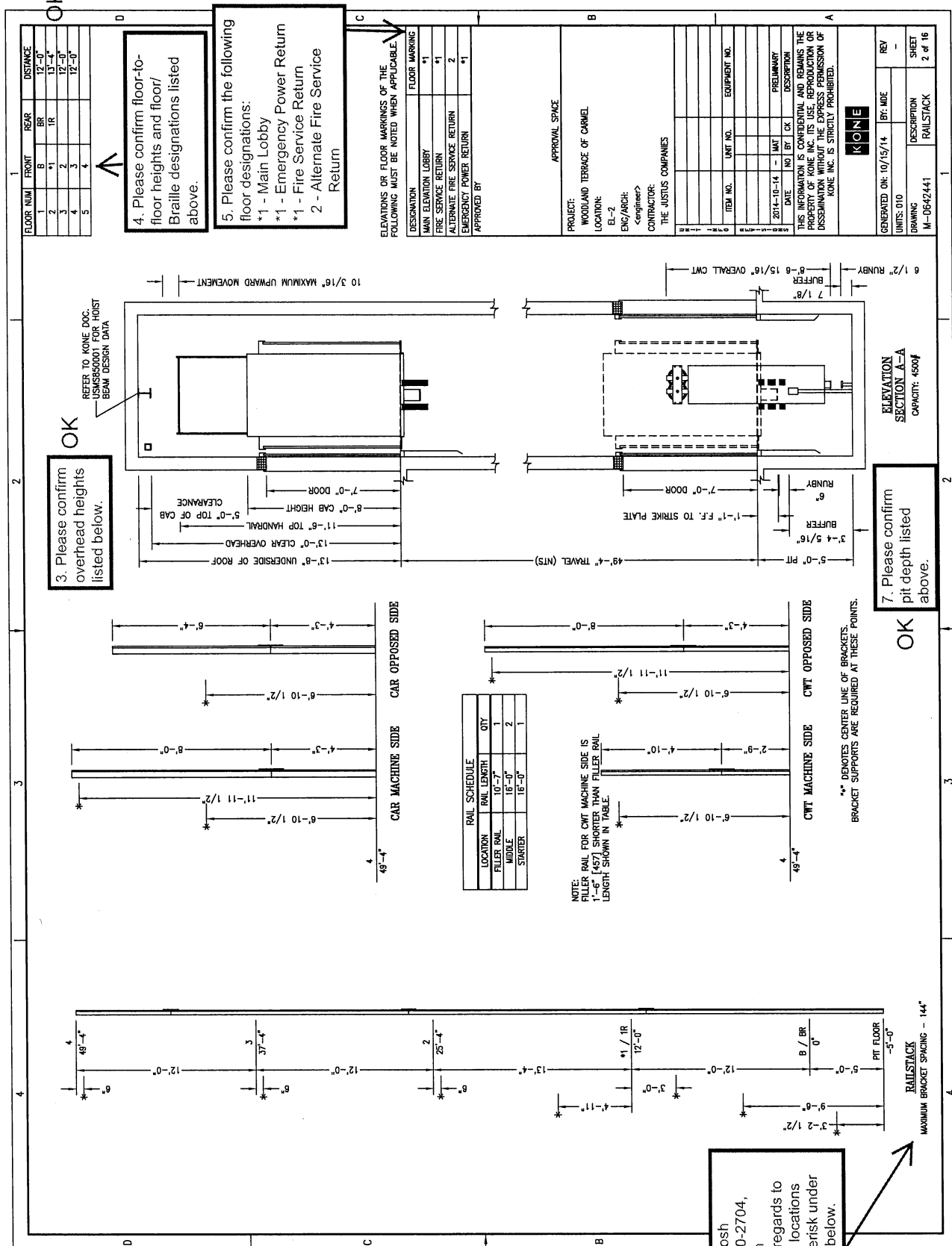
OK

OK

1. Please note the dimensions shown are required to properly fit the elevator equipment.

2. Please confirm the hand of door of the elevator entrances.

- TRAVELING CABLE
- TOP PULLEY ASSEMBLY
- GOVERNOR / TENSION WT ASSEMBLY (SEE NOTE B)
- PIT LADDER
- TYPE BUFFER LOCATION / SEE DATA SHEET FOR REACTIONS
- WIRE DUCT (SEE NOTE C)
- RECOMMENDED SUMP PUMP LOCATION (IF REQUIRED)



FLOOR NUM	FRONT	REAR	DISTANCE
1	B	BR	12'-0"
2	*1	IR	13'-4"
3	2		12'-0"
4	3		12'-0"
5	4		12'-0"

3. Please confirm overhead heights listed below.

REFER TO KONE DOC. USM350001 FOR HOIST BEAM DESIGN DATA

4. Please confirm floor-to-floor heights and floor/Braille designations listed above.

5. Please confirm the following floor designations:  
 \*1 - Main Lobby  
 \*1 - Emergency Power Return  
 \*1 - Fire Service Return  
 2 - Alternate Fire Service Return

ELEVATIONS OR FLOOR MARKINGS OF THE FOLLOWING MUST BE NOTED WHEN APPLICABLE.

DESIGNATION	FLOOR MARKING
MAIN ELEVATION LOBBY	*1
FIRE SERVICE RETURN	*1
ALTERNATE FIRE SERVICE RETURN	2
EMERGENCY POWER RETURN	*1

APPROVED BY: \_\_\_\_\_

PROJECT: WOODLAND TERRACE OF CAMEL  
 LOCATION: EL-2  
 ENG/ARCH: <engineer>  
 CONTRACTOR: THE JUSTUS COMPANIES

APPROVAL SPACE

ITEM NO.	UNIT NO.	EQUIPMENT NO.

DATE	NO.	BY	CHK.	DESCRIPTION
2014-10-14				

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**KONE**

GENERATED ON: 10/15/14 BR: WIDE REV: -  
 UNITS: 010 DESCRIPTION: RAILSTACK SHEET: 2 of 16  
 DRAWING: M-0642441

6. Please contact Josh VanSickle (317) 710-2704, KONE Construction Superintendent, in regards to bracket attachment locations indicated by an asterisk under RAILSTACK detail below.

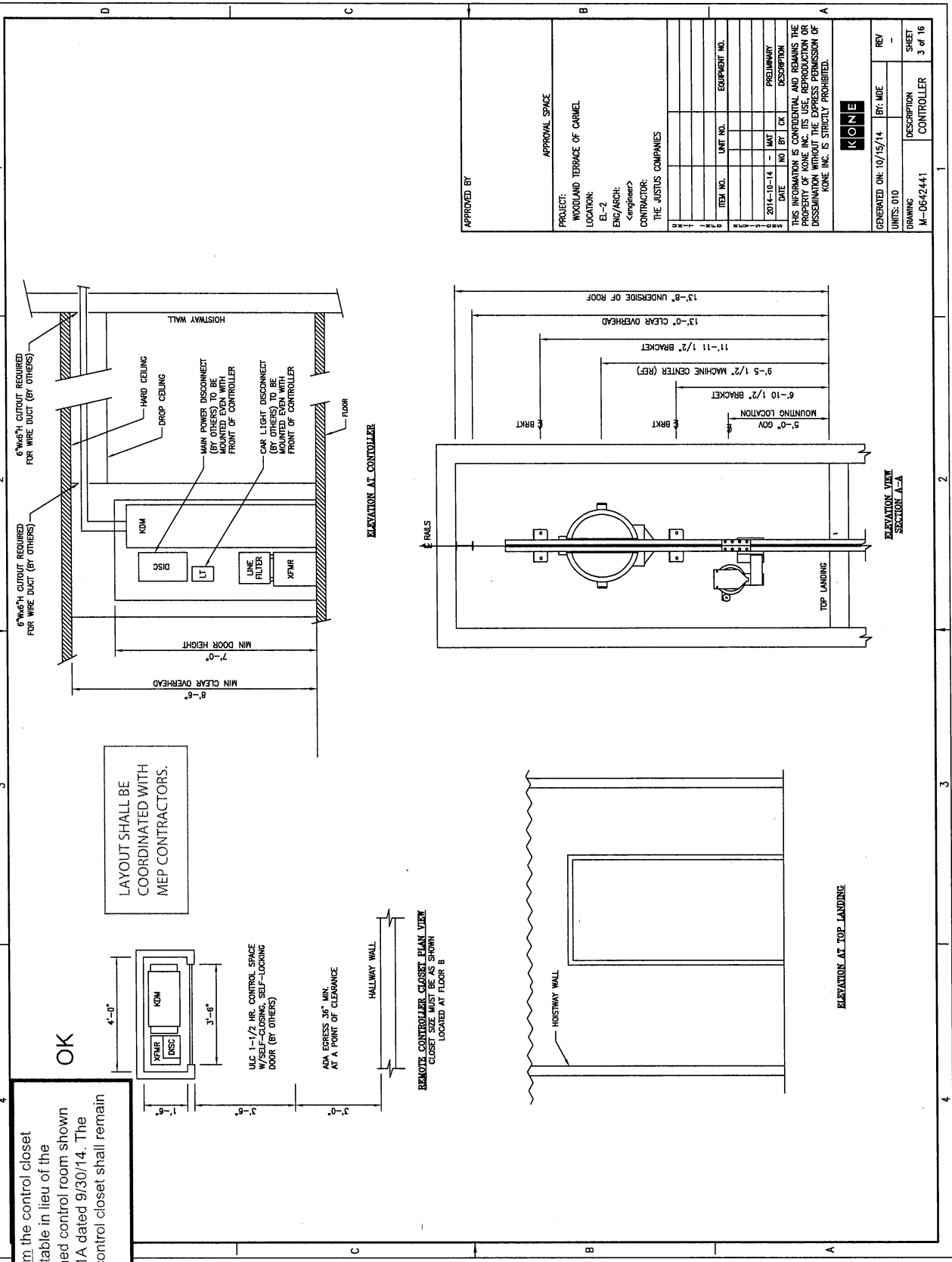
7. Please confirm pit depth listed above.

\*\* DENOTES CENTER LINE OF BRACKETS. BRACKET SUPPORTS ARE REQUIRED AT THESE POINTS.

8. Please confirm the control closet design is acceptable in lieu of the currently designed control room shown on drawing A2.1A dated 9/30/14. The location of the control closet shall remain as designed.

OK

LAYOUT SHALL BE COORDINATED WITH MEP CONTRACTORS.



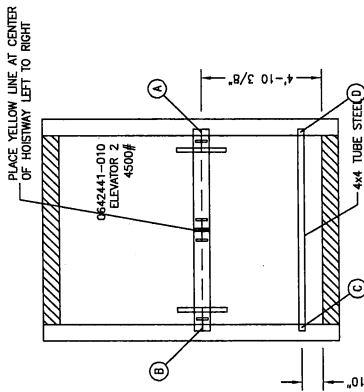
APPROVED BY

PROJECT:	WOODLAND TERRACE OF CAMEL		
LOCATION:	EL-2		
ENG/ARCH:	<Engineer>		
CONTRACTOR:	THE JUSTUS COMPANIES		
ITEM NO.	UNIT NO.	EQUIPMENT NO.	
DATE	MAT	CK	PRELIMINARY
2014-10-14			

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**KONE**

GENERATED ON:	10/15/14	BY:	MDE	REV	-
UNITS:	010	DESCRIPTION:	CONTROLLER	SHEET	3 of 16
DRAWING:	M-0662441	CONTROLLER			



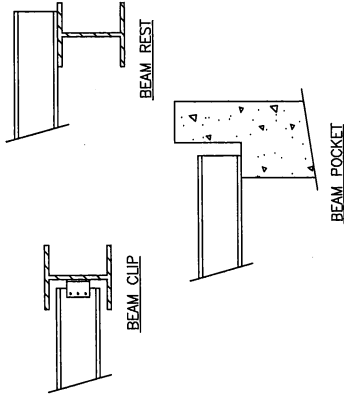
**BUILDING LOADS FOR HOISTING BEAM & TUBE STEEL SUPPORT**

FOR ADJACENT HOISTWAYS COMBINED LOADS ON A COMMON STRUCTURAL SUPPORT SHOULD BE TAKEN INTO CONSIDERATION. REACTIONS SHOWN BELOW ARE FOR THIS ELEVATOR ONLY.

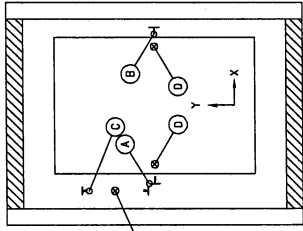
PLANVIEW IS AT TOP OF OVERHEAD LOOKING DOWN ON THE BEAMS  
ALL U-BOLTS HANG DOWN TOWARDS THE PIT FLOOR  
SEE BRACKET SHEET FOR THE ELEVATION OF SUPPORTS

REACTION LOCATION	A	B	C	D
VERTICAL FORCES (lb)	5610	4840	5000	5000
Z DIRECTION				

\*REACTIONS A AND B ARE SIZED TO SUPPORT THE MAXIMUM WORKING LOAD OF THE INSTALLATION HOIST. REACTIONS D AND C SUPPORT FALL ARREST LIFELINES PER OSHA MINIMUM SUPPORT LOADS. REACTIONS A & B MAY BE CONSIDERED TO OCCUR SEPARATELY FROM C & D.



ATTACHMENT DETAILS



**CLUTCH RAIL REACTIONS\***  
FOR ADJACENT HOISTWAYS COMBINED LOADS ON A COMMON STRUCTURAL SUPPORT SHOULD BE TAKEN INTO CONSIDERATION. REACTIONS SHOWN BELOW ARE FOR THIS ELEVATOR ONLY.

**NON-SEISMIC REACTIONS**

REACTION LOCATION	A	B	C
BRKTS ABOVE TOPMOST LANDING - IMPACT LOADING REACTIONS (lb)	1030	360	50
X DIRECTION			
Y DIRECTION	360	170	100
MAX DEFLECTION NOT TO EXCEED 0.125" DUE TO APPLIED LOADS			

REACTION LOCATION	A	B	C
BRKTS BELOW TOPMOST LANDING - RUNNING REACTIONS (lb)	360	310	50
X DIRECTION			
Y DIRECTION	270	170	100
MAX DEFLECTION NOT TO EXCEED 0.125" DUE TO APPLIED LOADS			

\*ORTHOGONAL REACTIONS DO NOT OCCUR SIMULTANEOUSLY.

**PIT FLOOR REACTIONS\*\***

REACTION LOCATION	A	B	C	D	E
VERTICAL FORCES ONTO PIT FLOOR (lb)	16100	9700	7900	16200	23600
Z DIRECTION					

\*\*VERTICAL REACTIONS A B & C OCCUR SIMULTANEOUSLY. VERTICAL REACTIONS D & E OCCUR INDIVIDUALLY AND SEPARATELY FROM A B & C.

APPROVED BY \_\_\_\_\_

PROJECT: WOODLAND TERRACE OF CARMEL  
 LOCATION: EL-2  
 ENG/ARCH: <engineer>  
 CONTRACTOR: THE JUSTUS COMPANIES

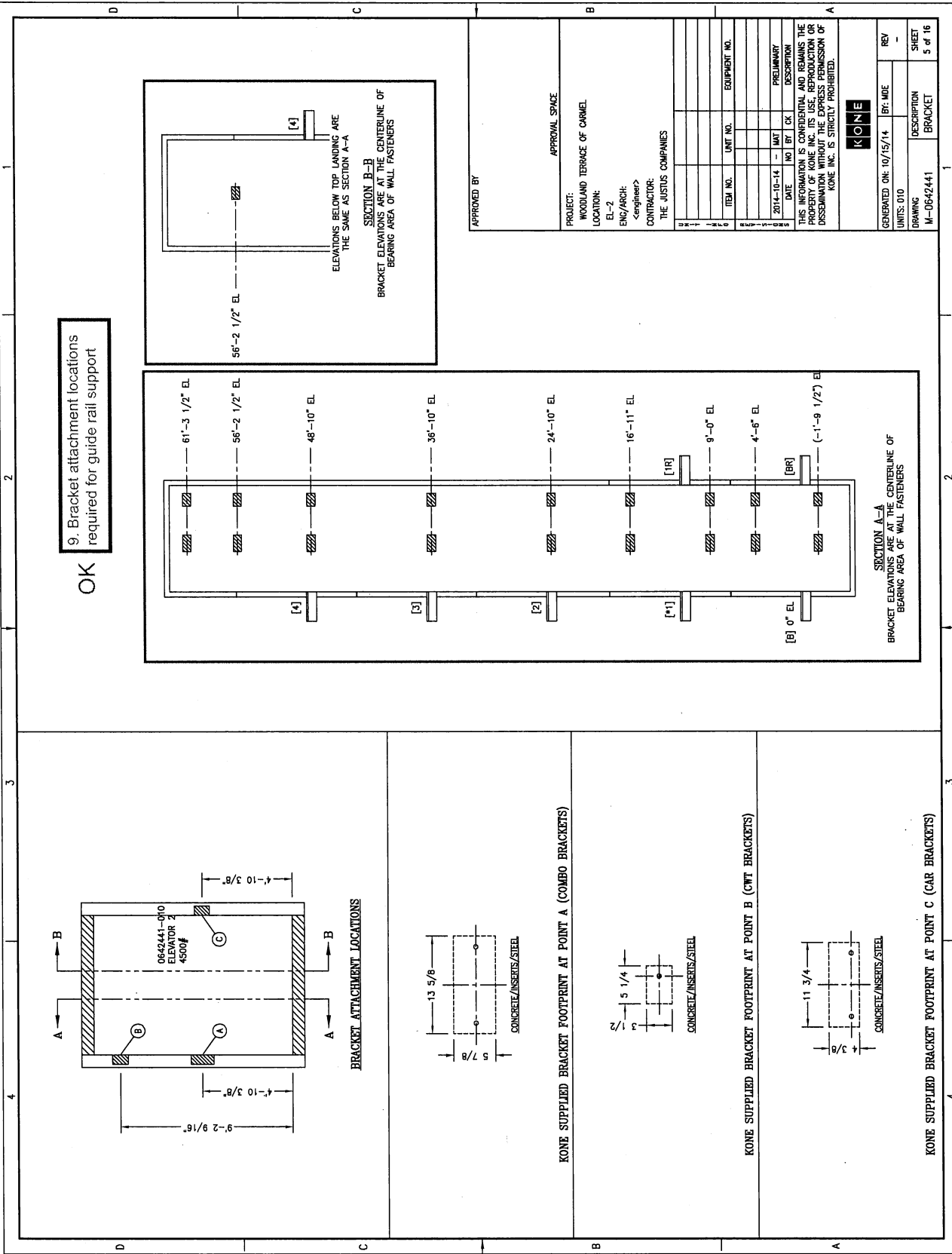
DATE: 2014-10-14  
 UNIT NO.:  
 EQUIPMENT NO.:  
 PRELIMINARY

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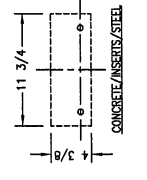
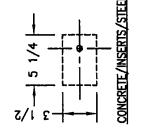
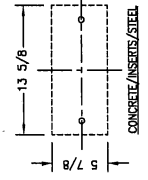
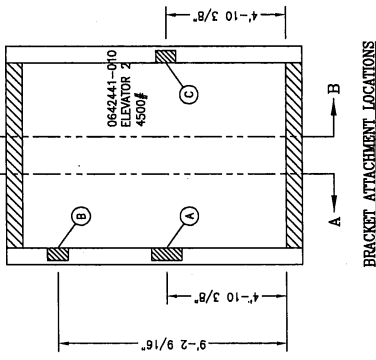
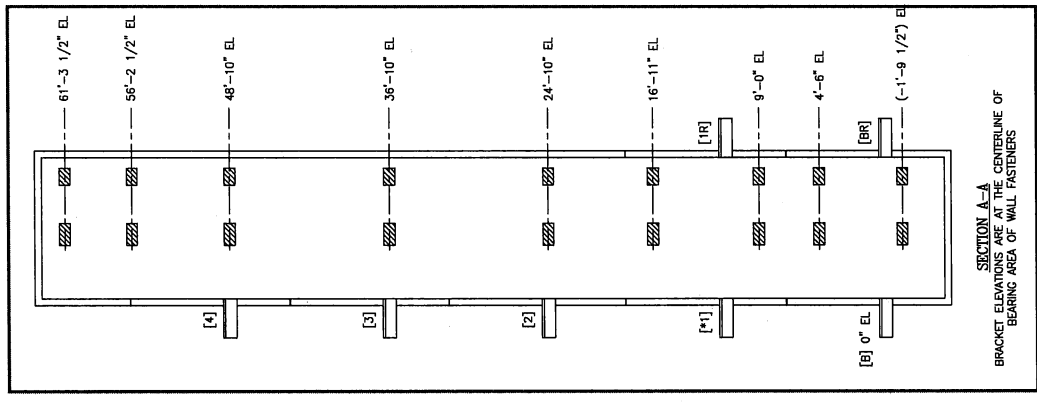
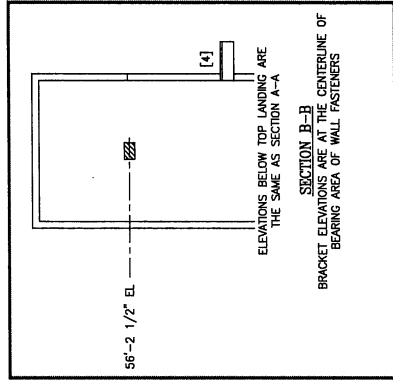
**KONE**

GENERATED ON: 10/15/14 BY: MDE  
 UNITS: 010  
 DRAWING: M-0642441  
 SHEET: REACTION  
 4 of 16





**OK**



APPROVED BY:

PROJECT: WOODLAND TERRACE OF CARMEL

LOCATION: EL-2

ENG/ARCH: <engineer>

CONTRACTOR: THE JUSTUS COMPANIES

ITEM NO.	UNIT NO.	EQUIPMENT NO.	DATE	NO	BY	CK	PRELIMINARY	DESCRIPTION
2014-10-14								

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KONE

GENERATED ON: 10/15/14

BR: MDE

UNITS: 010

DRAWING: M-0642441

DESCRIPTION: BRACKET

SHEET: 5 of 16

ELEVATOR: 2  
 RATED CAPACITY: 4500LB(2041KG)  
 RATED SPEED: 150FPM(0.75MPS)  
 PLATFORM SHAPE: SERVICE  
 CLASS OF LOADING: PASSENGER  
 CODE: A17.1 2007  
 NO OF LANDINGS: 5  
 NO OF OPENINGS: 7

OPERATION: SIMPLEX  
 MECH. POWER REQUIRED: 9.4KW(12.5HP)  
 CONTROL SYSTEM: KONE-47A  
 MACHINE/MOTOR TYPE: MX10/LS641-B W/FAN  
 EST WT MACHINE W/MOTOR: 820 LBS  
 RATED MOTOR OUTPUT: 10.8KW(14.4HP)-120RPM  
 SLING: SEC2-NA  
 EST. CAR WT.: 3794 LBS

CWT GUIDE TYPE: SLG7  
 CAR GUIDE TYPE: SLG10A  
 COMPENSATOR TYPE: SEC2-TYPE B  
 CAR GOVERNOR TYPE: OLS  
 EST WT INCL. 50K O/RULL: 6042 LBS  
 CWT SAFETY: NONE  
 CWT FRAME TYPE: CW03-NA  
 MIDDLE WEIGHT WIDTH: 8"

FRONT DOORS: TWO SPD - RIGHT  
 REAR DOORS: TWO SPD - LEFT  
 INTERLOCKS: AND  
 HOIST ROPES: (9)5mm  
 CAR GOVERNOR ROPE: 6.0mm  
 COMPENSATION: NONE

CAR BUFFER TYPE: POLYURETHANE  
 CAR BUFFER STROKE: 2.5"  
 CAR BUFFER DTI: 2  
 CWT BUFFER TYPE: POLYURETHANE  
 CWT BUFFER STROKE: 2.5"  
 CWT BUFFER DTI: 1  
 CAR GUIDE RAILS: 12 LB/FT  
 CWT GUIDE RAILS: 8 LB/FT

ELECTRICAL  
 MAXIMUM ALLOWABLE VOLTAGE VARIATION IS +/- 10%  
 KONE CALC THE FOLLOWING FOR THIS ELEVATOR DUTY  
 NAMEPLATE AMPS: 18  
 MAX ACCEL AMPS: 26  
 PROTECTION DEVICE REQUIRED PRIOR TO INSTALLATION  
 MAX MOTOR BRANCH SHORT-CIRCUIT PROTECTION IS  
 UL CLASS RKT FUSE (AMP): 25  
 TRANS RATED VOLTAGE: 480, 3 PH, 60 HZ  
 SUPPLIED VOLTAGE: 480  
 HEAT OUTPUTS ARE  
 CONTROL/TRANS: 1.9KBTU/HR(0.56KW)  
 MACHINE/MOTOR: 2.0KBTU/HR(0.59KW)

FLOOR, CAB & DOOR WEIGHTS  
 EST WT. IS BASED ON FINISH FLOOR TYP OF  
 FINISH. THE ACTUAL CAB FLOOR WEIGHT  
 DEVICES, THE EQUIPMENT MAY NEED TO BE REVISED  
 EST CAB WEIGHT: 3600 LBS  
 EST FLOOR TOTAL WEIGHT: 134.0 LBS  
 CAB & FLOOR WEIGHT: 3794.0 LBS  
 MOVING MASS OF DOORS: 272 LBS

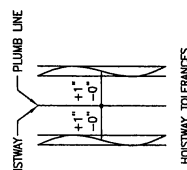
10. Please confirm building voltage as 480 V, 3-phase, 60HZ.  
 CONFIRMED  
 Ed Flake  
 Vector Consulting  
 10-31-2014



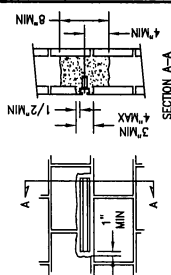
This review is only for general compliance with the design concept of the project, as shown on the contract documents. Approval does not release the contractor from providing all equipment and accessories required to make the system completely operational and in full compliance with the plans and specifications. The contractor shall be responsible for confirming that dimensional data, clearances and quantities of all equipment shall conform to the project requirements.

- Approved as submitted
- Approved as noted; no resubmittal required
- Approved as noted; revise and resubmit for record
- Not approved; resubmit
- Reviewed

Signed: Ed Flake  
 Date: 10-31-2014



HOISTWAY TOLERANCES



APPROVED BY

PROJECT: WOODLAND TERRACE OF CARMEL  
 LOCATION: EL-2  
 ENG/ARCH:   
 Contractor:   
 CONTRACTOR: THE JUSTUS COMPANIES

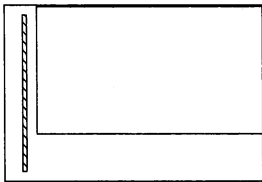
ITEM NO.	UNIT NO.	EQUIPMENT NO.
2014-10-14	UNIT	PRELIMINARY
DATE	NO EIT	CK
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GENERATED ON: 10/15/14  
 UNITS: 010  
 DRAWING: M-0642441  
 DESCRIPTION: DATA  
 SHEET: 6 of 16

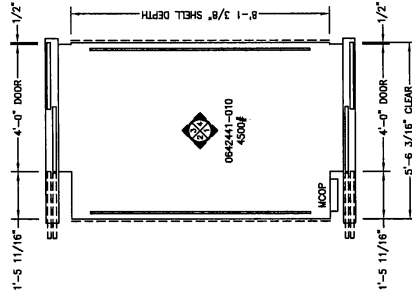


NOTE:

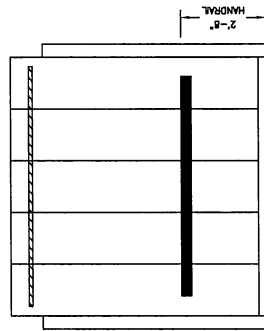
- A. EMERGENCY CAR LIGHTING IS PROVIDED
- B. CAB INTERIOR COMPLIES WITH THE LATEST EDITION ASME A17.1/CSA B44 INCLUDING SMOKE AND FLAME RATING CLASS B.



ELEVATION 1

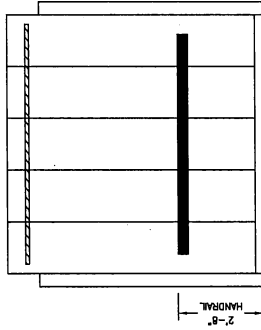


PLAN VIEW  
ELEVATION 2

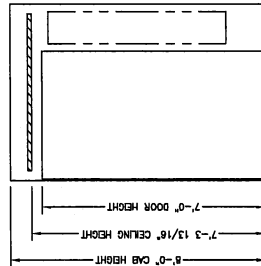


ELEVATION 2

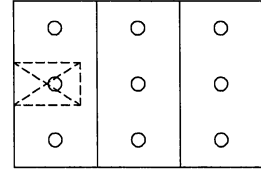
11. Please select a plastic laminate color from our standard choices available:  
Amber Cherry 7919-38



ELEVATION 4



ELEVATION 1



REFLECTED CEILING  
EMERGENCY EXIT 25"x16" MIN.

ITEM	TYPE	DESCRIPTION
SUSPENDED CEILING	BB	ROUND LED
CEILING PANEL FINISH	4SS	#4 STAINLESS
FRONT DOOR FINISH	4SS	#4 STAINLESS
FRONT DOOR MATERIAL THKNS	16	16 GA
FRONT WALL FINISH	4SS	#4 STAINLESS
FRONT WALL MATERIAL THKNS	16	16 GA
REAR DOOR FINISH	4SS	#4 STAINLESS
REAR DOOR MATERIAL THKNS	16	16 GA
REAR DOOR WALL MATERIAL	4SS	#4 STAINLESS
CAR SILL WALL MATERIAL	AL	ALUMINUM
CAR SIDE WALL MATERIAL	10776-60	KENSINGTON MAPLE
PLASTIC LAMINATE FIRE RATING	B5	CLASS B RATING (STD COLOR)
CAB HANDRAIL	4"	FLAT
HANDRAIL SIZE	4"	4"
CAR FAN TYPE	1	FAN REQUIRED
FINISH FLOOR THK	1/2"	1/2"
TOTAL CAB WEIGHT	-	3794 LBS
PROTECTION PAIDS	-	PAIDS REQUIRED
CUSTOM PANEL WEIGHT	-	-

APPROVED BY

APPROVAL SPACE

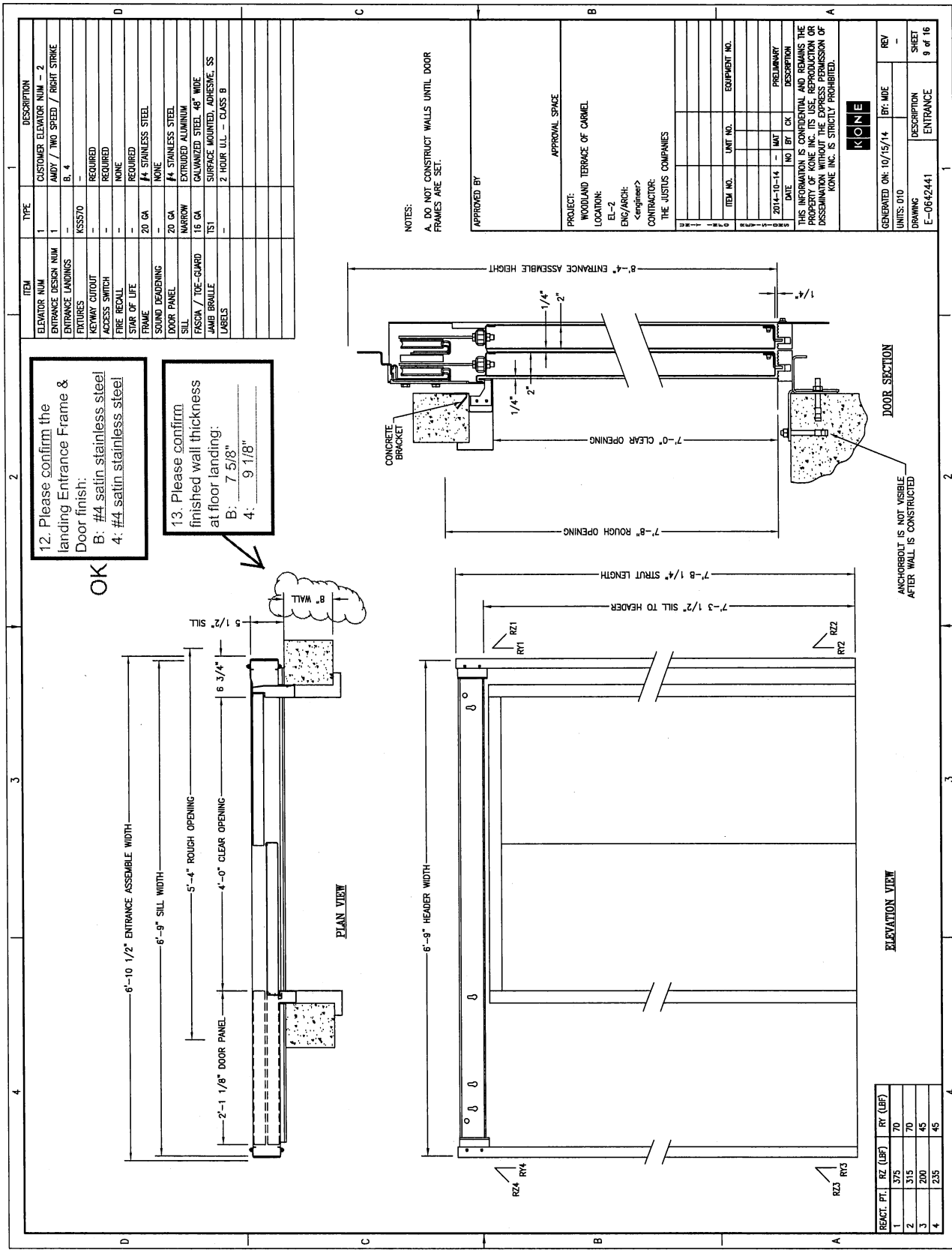
PROJECT: WOODLAND TERRACE OF CARMEL  
LOCATION: EL-2  
ENG/ARCH: <engineer>  
CONTRACTOR: THE JUSTUS COMPANIES

ITEM NO.	UNIT NO.	EQUIPMENT NO.

2014-10-14  
DATE: 2014-10-14  
NO. BT: -  
CK: -  
PRELIMINARY  
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KONE

GENERATED ON: 10/15/14  
UNITS: 010  
DRAWING: C-0642441  
DESCRIPTION: CAB  
REV: -  
SHEET: 8 of 16



12. Please confirm the landing Entrance Frame & Door finish:  
 B: #4 satin stainless steel  
 4: #4 satin stainless steel

13. Please confirm finished wall thickness at floor landing:  
 B: 7 5/8"  
 4: 9 1/8"

OK

PLAN VIEW

ELEVATION VIEW

REACT. FT.	RZ (LBF)	RY (LBF)
1	375	70
2	315	70
3	200	45
4	235	45

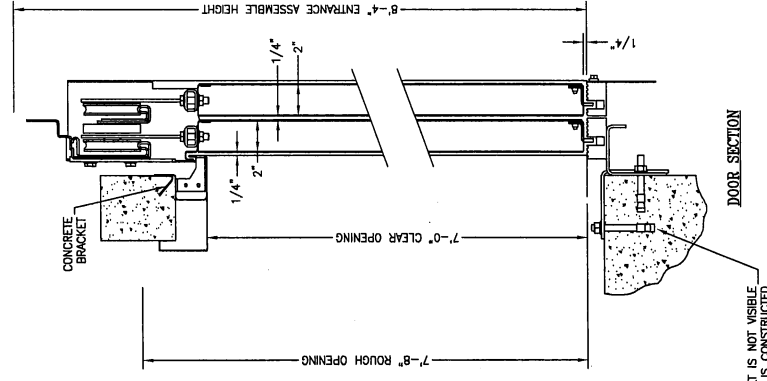
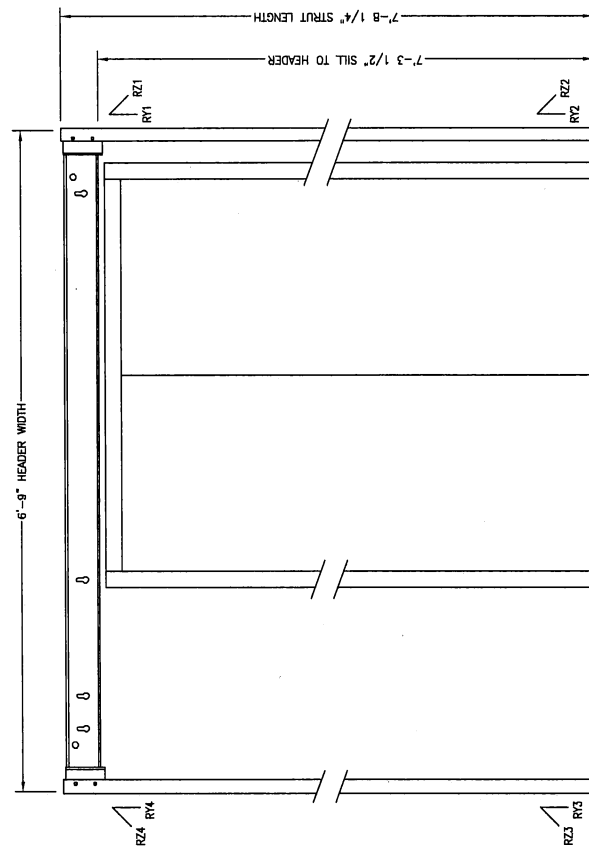
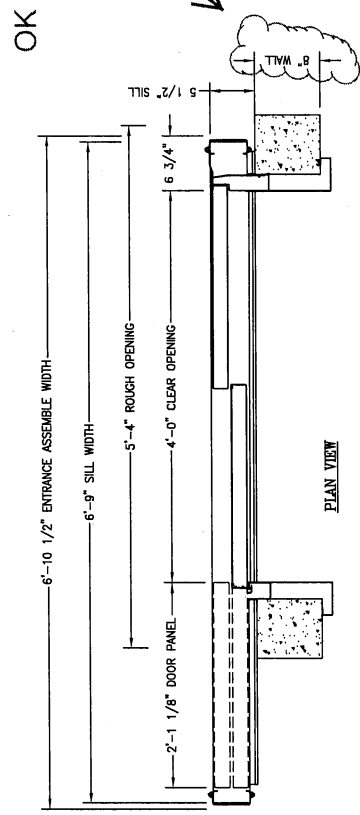
ANCHORBOLT IS NOT VISIBLE AFTER WALL IS CONSTRUCTED

DOOR SECTION

ITEM	TYPE	DESCRIPTION
ELEVATOR NUM	1	CUSTOMER ELEVATOR NUM - 2
ENTRANCE DESIGN NUM	2	ANDY / TWO SPEED / RIGHT STROKE
ENTRANCE LANDING	-	1, 2, 3
FIXTURES	KSS570	-
KEYWAY CUTOUT	-	REQUIRED
ACCESS SWITCH	-	NONE
FIRE RECALL	-	NONE
STAR OF LIFE	-	REQUIRED
FRAME	20 GA	#4 STAINLESS STEEL
SOUND DEADENING	-	NONE
DOOR PANEL	20 GA	#4 STAINLESS STEEL
SILL	NARROW	EXTRUDED ALUMINUM
FASER / TIE-GUARD	18 GA	CALUMINIZED STEEL 48" WIDE
JAMB BRITTLE	TST	SURFACE MOUNTED, ADHESIVE, SS
LABELS	-	2 HOUR UL - CLASS B

14. Please confirm the landing Entrance Frame & Door finish:  
 \*1: #4 satin stainless steel  
 2: #4 satin stainless steel  
 3: #4 satin stainless steel

15. Please confirm finished wall thickness at floor landing:  
 \*1: 7 5/8"  
 2: 9 1/8"  
 3: 9 1/8"



NOTES:  
 A. DO NOT CONSTRUCT WALLS UNTIL DOOR FRAMES ARE SET.

APPROVED BY	
PROJECT: WOODLAND TERRACE OF CARMEL	
LOCATION: EL-2	
ENG/ARCH: <engineer>	
CONTRACTOR: THE JUSTUS COMPANIES	
ITEM NO.	EQUIPMENT NO.
UNIT NO.	
DATE	DESCRIPTION
2014-10-14	PRELIMINARY
NO	BY
CK	

KONE	
GENERATED ON: 10/15/14	BY: MDE
UNITS: 010	REV
DRAWING: E-0642441	DESCRIPTION: ENTRANCE
	SHEET: 10 of 16

REACT. FT.	RZ (LBF)	RY (LBF)
1	375	70
2	315	70
3	200	45
4	235	45

ELEVATION VIEW

PLAN VIEW

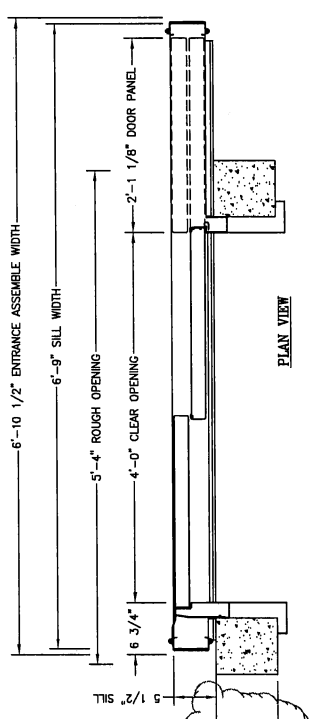
DOOR SECTION

ANCHORBOLT IS NOT VISIBLE AFTER WALL IS CONSTRUCTED

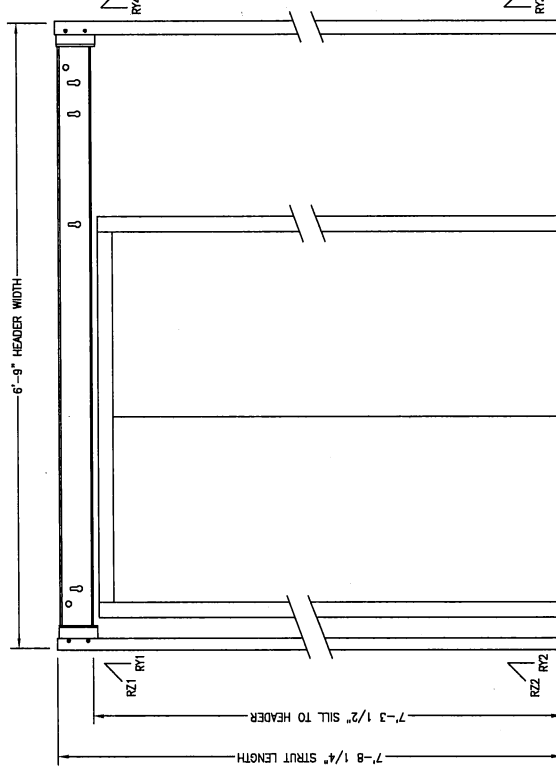
ITEM	TYPE	DESCRIPTION
ELEVATOR NUM	1	CUSTOMER ELEVATOR NUM - 2
ENTRANCE DESIGN NUM	3	AMDY / TMO SPEED / LEFT STRIKE
ENTRANCE LANDING	-	BR
ENTRANCE	-	BR
ENTRANCE	KSS570	-
REQUIRE	-	REQUIRED
REQUIRE	-	REQUIRED
REQUIRE	-	REQUIRED
REQUIRE	-	REQUIRED
REQUIRE	-	REQUIRED
FRAME	20 GA	#4 STAINLESS STEEL
SOUND DEADENING	-	NONE
DOOR PANEL	20 GA	#4 STAINLESS STEEL
SKILL	NARROW	EXTRUDED ALUMINUM
FASCOA / TIE-GUARD	16 GA	GALVANIZED STEEL, 48" WIDE
JAMB BRATTLE	TS1	SURFACE MOUNTED, ADHESIVE, SS
LABELS	-	2 HOUR ULL - CLASS B

16. Please confirm the landing Entrance Frame & Door finish:  
BR: #4 satin stainless steel

OK



17. Please confirm finished wall thickness at floor landing:  
BR: 2' - 6 7/8"



REACT. FT.	RZ (LBF)	RY (LBF)
1	375	70
2	315	70
3	200	45
4	235	45

NOTES:  
A. DO NOT CONSTRUCT WALLS UNTIL DOOR FRAMES ARE SET.

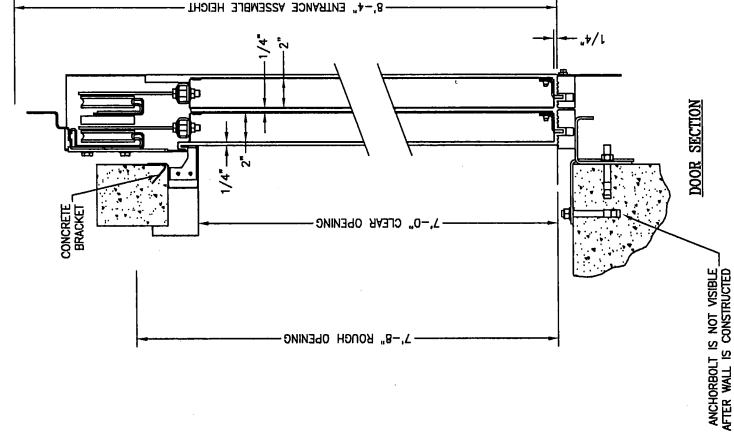
APPROVED BY: [Signature]  
PROJECT: WOODLAND TERRACE OF CARNEL  
LOCATION: EL-2  
ENG/ARCH: [Signature]  
CONTRACTOR: THE JUSTUS COMPANIES

DATE	NO.	REV.	DESCRIPTION
2014-10-14	1	01	PRELIMINARY

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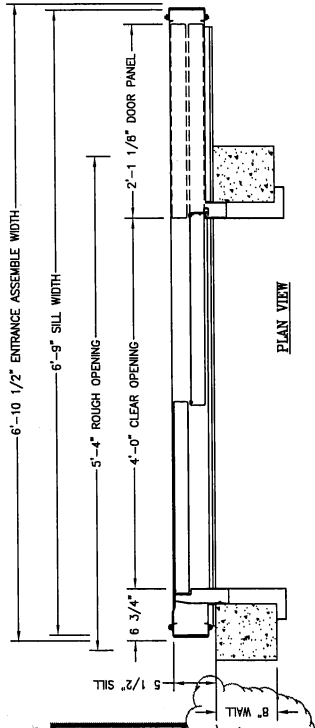
KONE

GENERATED ON: 10/15/14	BY: WIDE	REV: -
UNITS: 010	DESCRIPTION: ENTRANCE	SHEET: 11 of 16
DRAWING: E-064241		

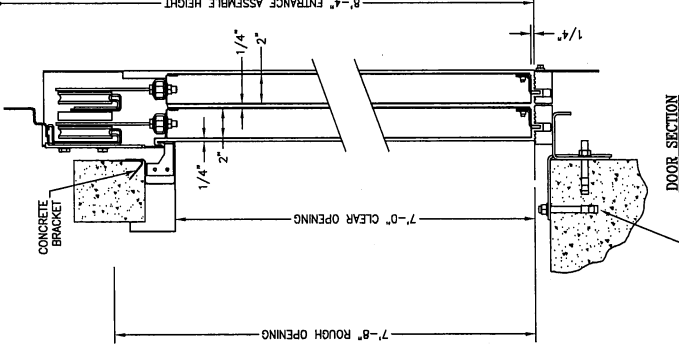
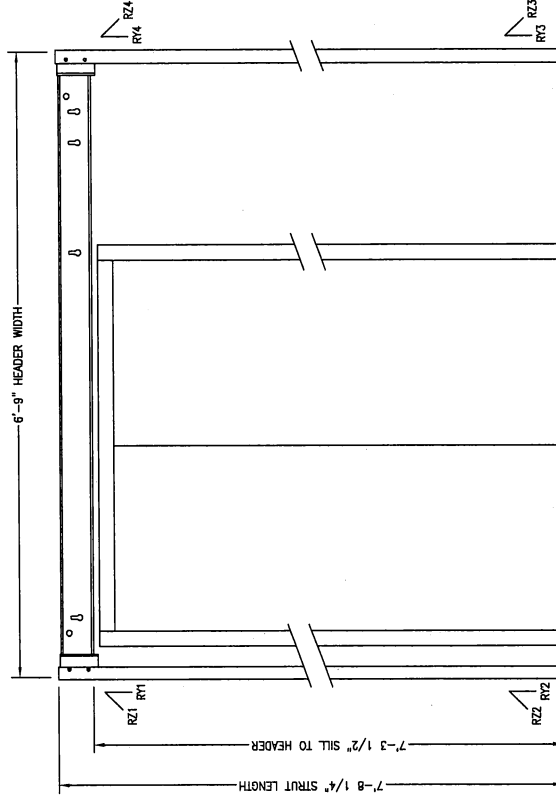


18. Please confirm the landing Entrance Frame & Door finish:  
1R: #4 satin stainless steel

OK



19. Please confirm finished wall thickness at floor landing:  
1R: 2' - 5 3/8"



ANCHORBOLT IS NOT VISIBLE AFTER WALL IS CONSTRUCTED

ITEM	TYPE	DESCRIPTION
1	ELEVATOR NUM	CUSTOMER ELEVATOR NUM - 2
4	ENTRANCE DESIGN NUM	ANDY / TING SPEED / LEFT STRIKE
	ENTRANCE LANDINGS	1R
	PICTURES	KSS570
	KEYWAY CUTOUT	REQUIRED
	ACCESS SWITCH	NONE
	FIRE RECALL	REQUIRED
	STAR OF LIFE	REQUIRED
	FRAME	20 GA #4 STAINLESS STEEL
	SOUND DEADENING	NONE
	DOOR PANEL	20 GA #4 STAINLESS STEEL
	SILL	EXTRUDED ALUMINUM
	FASCIA / Toe-CURB	16 GA GALVANIZED STEEL 48" WIDE
	JAMB BRILLE	SURFACE MOUNTED, ADHESIVE, SS
	TABELS	2 HOUR ULL - CLASS B

NOTES:  
A. DO NOT CONSTRUCT WALLS UNTIL DOOR FRAMES ARE SET.

APPROVED BY: \_\_\_\_\_

PROJECT: WOODLAND TERRACE OF CARMEL  
 LOCATION: EL-2  
 ENG/ARCH: <engineer>  
 CONTRACTOR: THE JUSTUS COMPANIES

ITEM NO.	UNIT NO.	EQUIPMENT NO.

DATE: 2014-10-14  
 PREPARED BY: <engineer>  
 CHECKED BY: <engineer>

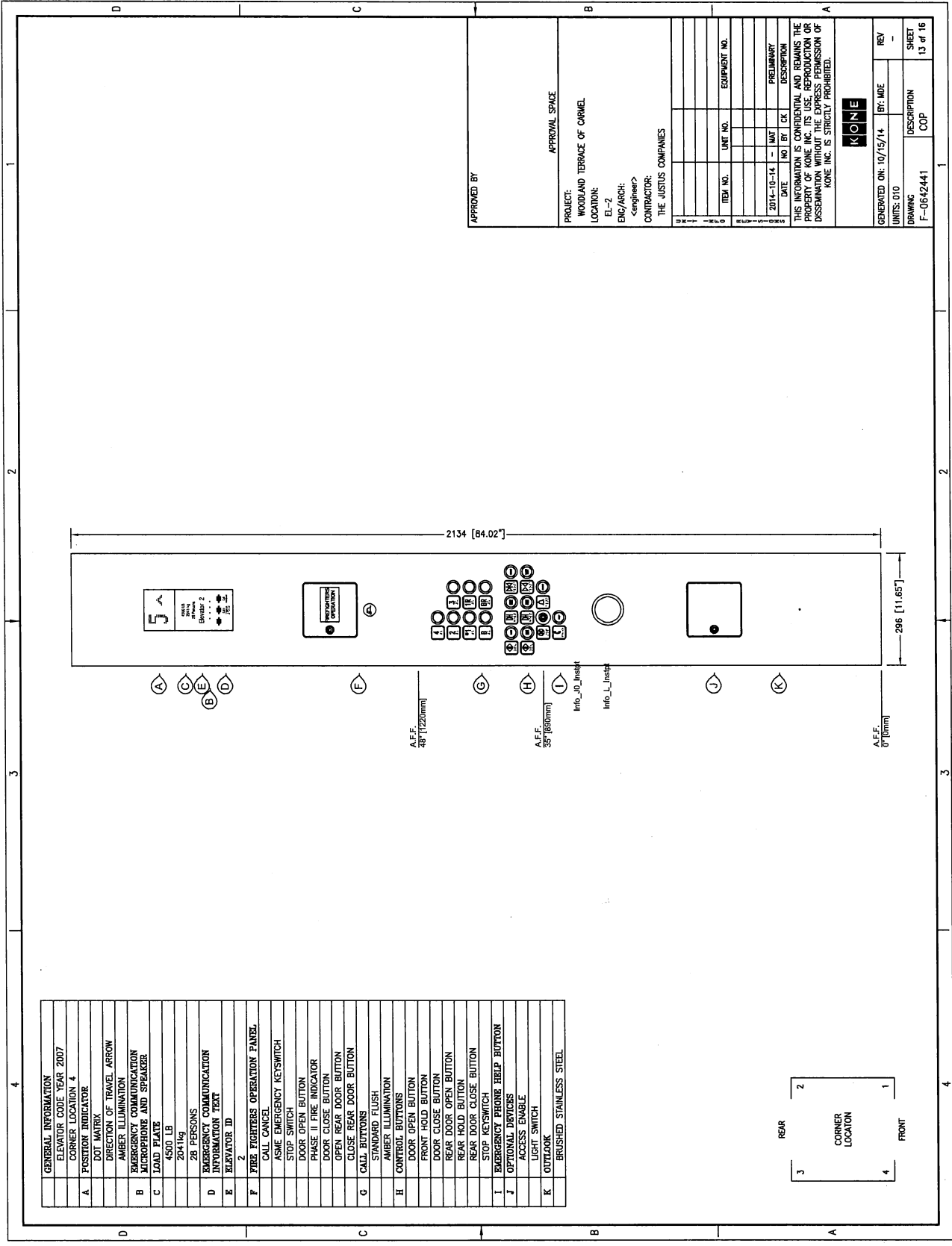
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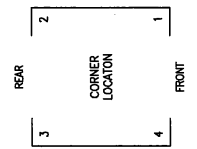
GENERATED ON: 10/15/14 BY: MDE  
 UNITS: 010  
 DRAWING: E-0642441 DESCRIPTION: ENTRANCE SHEET: 12 of 16

REACT. PT.	RZ	RY	RY (LF)
1	375	70	
2	315	70	
3	200	45	
4	235	45	





GENERAL INFORMATION
ELEVATOR CODE YEAR 2007
CORNER LOCATION 4
POSITION INDICATOR
A POSITION INDICATOR
DOT MATRIX
DIRECTION OF TRAVEL ARROW
AMBER ILLUMINATION
B EMERGENCY COMMUNICATION
MICROPHONE AND SPEAKER
C LOAD PLATE
4500 LB
2041kg
28 PERSONS
D EMERGENCY COMMUNICATION
INFORMATION TEXT
E ELEVATOR ID
2
F FIRE FIGHTERS OPERATION PANEL
CALL CANCEL
ASME EMERGENCY KEYSWITCH
STOP SWITCH
DOOR OPEN BUTTON
DOOR CLOSE BUTTON
DOOR REAR DOOR BUTTON
G CLOSE REAR DOOR BUTTON
CALL BELL
STAGED FLUSH
AMBER ILLUMINATION
H CONTROL BUTTONS
DOOR OPEN BUTTON
FRONT HOLD BUTTON
DOOR CLOSE BUTTON
REAR DOOR OPEN BUTTON
REAR HOLD BUTTON
REAR DOOR CLOSE BUTTON
I STOP KEYSWITCH
EMERGENCY PHONE HELP BUTTON
J OPTIONAL DEVICES
ACCESS ENABLE
LIGHT SWITCH
K OUTLOOK
BRUSHED STAINLESS STEEL



APPROVED BY

APPROVAL SPACE

PROJECT:  
WOODLAND TERRACE OF CARMEL

LOCATION:  
EL-2

ENG/ARCH:  
<engineer>

CONTRACTOR:  
THE JUSTUS COMPANIES

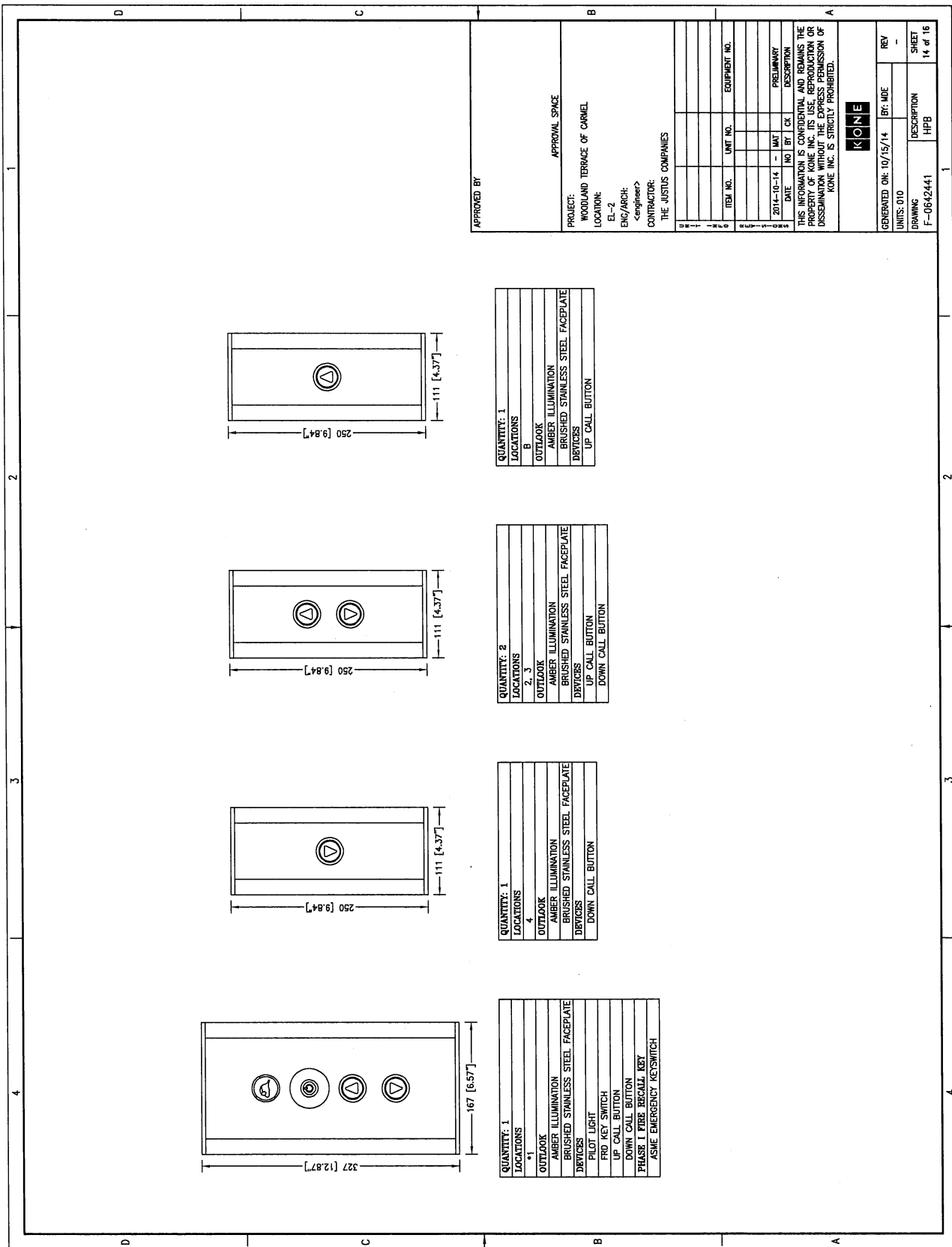
ITEM NO.	UNIT NO.	EQUIPMENT NO.

DATE: 2014-10-14  
NO: [blank]  
BY: [blank]  
CK: [blank]  
PRELIMINARY: [blank]  
DESCRIPTION: [blank]

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**KONE**

GENERATED ON: 10/15/14	BY: MDE	REV: -
UNITS: 010		
DRAWING: F-0642441	DESCRIPTION: COP	SHEET: 13 of 16



QUANTITY: 1
LOCATIONS: B
OUTLOOK: AMBER ILLUMINATION
DEVICES: BRUSHED STAINLESS STEEL FACEPLATE
UP CALL BUTTON

QUANTITY: 2
LOCATIONS: 2, 3
OUTLOOK: AMBER ILLUMINATION
DEVICES: BRUSHED STAINLESS STEEL FACEPLATE
UP CALL BUTTON
DOWN CALL BUTTON

QUANTITY: 1
LOCATIONS: 4
OUTLOOK: AMBER ILLUMINATION
DEVICES: BRUSHED STAINLESS STEEL FACEPLATE
DOWN CALL BUTTON

QUANTITY: 1
LOCATIONS: *1
OUTLOOK: AMBER ILLUMINATION
DEVICES: BRUSHED STAINLESS STEEL FACEPLATE
PILOT LIGHT
PRO KEY SWITCH
UP CALL BUTTON
DOWN CALL BUTTON
PHASE 1 FIRE RECALL KEY
ASME EMERGENCY KEYSWITCH

APPROVED BY:

APPROVAL SPACE

PROJECT: WOODLAND TERRACE OF CARMEL

LOCATION: EL-2

ENG/ARCH: <engineer>

CONTRACTOR: THE JUSTUS COMPANIES

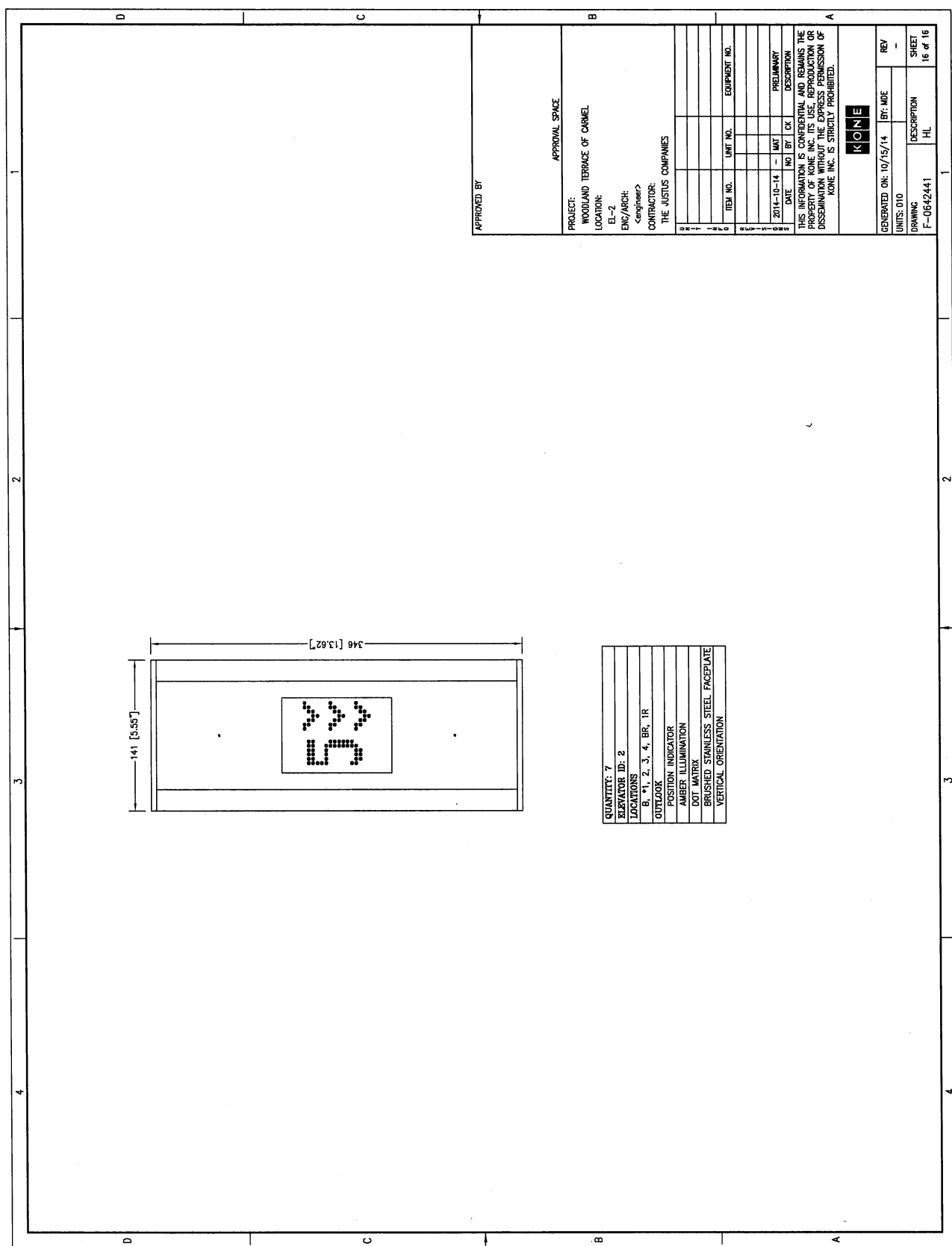
REV. NO.	DATE	BY	CHK	DESCRIPTION
1	2014-06-14	---	---	PRELIMINARY

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GENERATED ON: 10/15/14	BY: MIDE	REV: -
UNITS: 010	DESCRIPTION: HFB	SHEET: 14 of 16
DRAWING: F-0642441		





QUANTITY: 7  
 ELEVATOR ID: 2  
 LOCATIONS  
 B, \*1, 2, 3, 4, BR, IR  
 OUTLOOK  
 POSITION INDICATOR  
 AMBER ILLUMINATION  
 DOT MATRIX  
 BRUSHED STAINLESS STEEL FACEPLATE  
 VERTICAL ORIENTATION

APPROVED BY \_\_\_\_\_

PROJECT: WOODLAND TERRACE OF CARMEL  
 LOCATION: EL-2  
 ENG/ARCH: <engineer>  
 CONTRACTOR: THE JUSTUS COMPANIES

ITEM NO.	UNIT NO.	EQUIPMENT NO.

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**KONE**

GENERATED ON: 10/15/14    BY: MDE    REV: -  
 UNITS: 010    DESCRIPTION: HL    SHEET: 16 of 16  
 DRAWING: F-064241