# NAOMI JEANETTE ROBINSON GROUP CONSTRUCTION DIVISION

Heavy General Contractor & Subcontractor to Torcon, Inc (Global Operations) Highwire Member Travel to Union and Union Countries - United States Allies Manitowoc, Caterpillar, John Deere, Paccar - Global Affiliations President - Tariq Robinson Vice-Presidents - Kareesha Robinson CEO of Operations - Ciara Robinson 740 S. Wesleyan Blvd. Rocky Mount, NC 27804

# TORCON, Inc

Benedict J. Torcivia Jr. Michael Hennebery, CHST "Building Meaningful Projects That Makes a Fundamental Difference" With Over 50 Years of Experience, We Take Pride in Building Important Projects, Not Just Big Building Learn More About Torcon - <u>https://www.torcon.com</u> Base in Philadelphia, Pennsylvania SERVICES:

At Risk Construction Management General Contracting Preconstruction Consulting Agency CM Design / Build

DEPARTMENT	POTAIN MRH 175 LUFFING JIB TOWER CRANE	MANITOWOC MLC300 VPC - MAX CRAWLER CRANE
CRANES	Image: Constraint of the second se	Lifting Capacity - 330 Tons Boom - 315' Height Capacity - 315'
JOB	Tallest Building in the World in Rocky Mount, NC	Tallest Building in North Carolina in Rocky Mount, NC

BUILDING EXTERIOR MAX SPECS	Height - 2,700' Width - 135 @ 70 Degrees	Height - 262' Width - 156'@ 70 Degrees
	<i>NOTE: to go wider need another crane or 3 more pending on width</i>	NOTE: To go wider you have to move the crane to the otherside or all 3 other sides pending on width
BUILDING INTERIOR SPECS	Floors - 225 Floors Square Feet - 18,225 Sq. Feet Average Room Size - 24'L x 24'W x 12'H Max. Amount of Rooms - 6,975 Rooms	Floors - 21 Floors Square Feet - 24,336 Sq. Feet Average Room Size - 24'L x 24'W x 12'H Max. Amount of Rooms - 882 Rooms
RESIDENCE	Courtyard Marriott Virtual Offices Restaurants Night Club (4) Conference Rooms American Airlines Delta Airlines Delta Airlines Lufthansa Airlines Southwest Airlines Air Canada Jet Blue Airlines North Carolina State Police Commercial Division Outlaws Motorcycle Club Rocky Mount Chapter Shell Rotunda Large Cars Trucking Club FBI (Gang Unit) First Responders of North Carolina Teamster North America Operating Engineer of North America Luina ACC League of Championships Islam of North America Founders of Aviation of North America	Courtyard Marriott Virtual Offices Restaurants Night Club (2) Conference Rooms American Airlines Delta Airlines North Carolina State Police Commercial Division Outlaws Motorcycle Club Shell Rotunda Large Cars Trucking Club FBI (Gang Unit) First Responders of North Carolina Teamsters of North Carolina
AVERAGE SPACE PER RESIDENCE	# of Residence - 25 Residence Average Amount of Space - 164,025 Average Space Average Amount of Rooms Each - 284 Rooms Amount of Occupancy per Resident - 32,805 People per Resident	# of Residence - 14 Residence Average Amount of Space - 36,504 Average Space Average Amount of Rooms Each - 63 Rooms Amount of Occupancy per Resident - 7,300 People per Resident
PARKING GARAGE CAPACITY (98' Sea Level Table)	Parking Garage Capacity - 946 Vehicles @ 8'6" Height # of Parking Garages Levels - 11 Levels	Parking Garage Capacity - 1,188 Vehicles @ 8'6" Height # of Parking Garages Level - 11 Levels
BUILDING FOUNDATIONS DEPTH	56' Depth on Each Building Corner (4) 4' Length x 4' Width x 56' Depth Cubic Yards of Concrete - 133 Cubic Yards of Concrete for Building Footing Clean Stones Under Concrete in Water Table = 2' Tonnage of Clean Stones - 8 Tons	6' Depth on Each Building Corner (4) 4' Length x 4' Width x 6' Depth Cubic Yards of Concrete - 14 Cubic Yards of Concrete for Building Footing Clean Stones Under Concrete in Water Table = 2' Tonnage of Clean Stones - 8 Tons
BUILDING SWAY AMOUNT	14' of Movement allowed at top %" at Ground Level	1' of Movement at Top 1/16" at Ground Level
BUILDING STRUCTURE FROM BOTTOM TO TOP	Top (2,798'H) - 90'L x 90'W Middle (1,399'H) - 112.5'L x 112.5'W Ground (98'H - 135'L x 135'W	Top (350'H) - 104'L x 104'W Middle (224'H) - 130'L x 130'W Ground (98'H) 156'L x 156'W

(Cut back on Wind Force with Pyramid Shape)	Parking Garage Floor - 135'L x 135'W	Parking Garage Floor - 156'L x 156'W
CRANE SET UP LOCATION NOTE: The Crane Can't Set up until Parking Garage is set due to Wacker Neuson RTLX-SC3 Remote' Control Roller. The remote is only accurate for 65' Range.	Potain MRH 175 Tower Crane Center of Build - 67.5' Off Building Pad - 22.5' Tower Crane Height (After Erecting) - 2,700' Tower Crane Anchor Footing - 6'L x 6'W x 19' Concrete - 25 Cubic Yards	Manitowoc MLC300 VPC Max Crawler Crane Center of Building - 78' Crawler Front of Tracks Placement - 26' Off Building Pad
EXCAVATION PARKING GARAGE FOR WACKER NEUSON RTLX-SC3 OSHA SAFETY FOR TRENCH WORKING AND COMPACTION FOR HEIGHTS 24' OR GREATER DEPTHS 4' height steps 3 and - 5' Width Wacker Neuson Remote Control (No Operator / Labor)	PARKING GARAGE EXCAVATION Has to be excavate in steps Bottom Step to 18th Step Parking Garage - 135'L x 135'W x 98'H 1. # of Steps - 24 2. Cat 352 Long Reach Excavator grade 4' Lift 3. The opening of Parking Garage Pit - 231'L x 231'W x 98'H 4. Ist (top) Steps Specs: a. Length (1st Step Top) - 924' b. Width (1st Step Top) - 924' c. Height (1st Step Top) - 924' b. Width (1st Step Top) - 924' c. Height (1st Step Top) - 4' 5. 24th (bottom) Steps Specs: a. Length (24th Step bottom) - 540' b. Width (24th Step bottom) - 4' c. Height (24th Step bottom) - 4' c. Height (24th Step bottom) - 4' 6. The compaction has to be done in 4' Height Steps. a. Front & Rear Drum Compaction i. SAND (4'Depth) ii. Front & Rear iii. 24th to 6th Level 1. 42,806 lbs of Force 2. # of Passes - 2 iv. DIRT v. Front & Rear Drum vi. 24th Level 1. No Dirt Compaction Required vii. 6th Level 1. 6th Level 2. Width	PARKING GARAGE EXCAVATION Has to be excavate in steps Bottom Step to 18th Step Parking Garage - 156'L x 156'W x 98'H 7. # of Steps - 24 8. Cat 352 Long Reach Excavator grade 4' Lift 9. The opening of Parking Garage Pit - 254' L x 254'W x 98'H 10. 1st (top) Steps Specs: a. Length (1st Step Top) - 1,016' b. Width (1st Step Top) - 4' C. Height (1st Step Top) - 4' 11. 24th (bottom) Steps Specs: a. Length (24th Step bottom) - 624' b. Width (24th Step bottom) - 624' b. Width (24th Step bottom) - 624' b. Width (24th Step bottom) - 4' C. Height (24th Step bottom) - 4' 12. The compaction has to be done in 4' Height Steps. a. Front & Rear Drum Compaction i. SAND (4' Depth) ii. Front & Rear iii. 24th to 6th Level 1. 42,806 lbs of Force 2. # of Passes - 2 iv. DIRT v. Front & Rear Drum vi. 24th Level 1. No Dirt Compaction Required vii. 6th Level 1. 6th Level 72' Width 2. 42,806 lbs. Of force per pass 3. # of Passes - 25

	2. 42,806 lbs. Of force per pass 3. # of Passes - 25	
EXCAVATION PARKING GARAGE FOR CATERPILLAR CP34 OSHA SAFETY FOR TRENCH WORKING AND COMPACTION FOR HEIGHTS 24' OR LOWER DEPTHS MUST HAVE RAMP ACCESS FOR OPERATOR TO ACCESS IN AND OUT 4' height steps 3 and - 5' Width Steps (Operator on Roller or Dozer Must have an Access Ramp to exit the trench)	PARKING GARAGE EXCAVATION Has to be excavate in steps 6th Step to Ground Level - 24' Depth RAMP ACCESSIBLE FOR MACHINE AND OPERATOR Parking Garage - 135' L x 135' W x 98'H 13. # of Steps - 6 14. The opening of Parking Garage Pit @ 6th Step - 231' L x 231' W x 24' H 15. Ground Level Specs: a. 231' L x 231' W b. Square Feet - 53,361 Sq. Feet c. Lifts - 4' 16. RESIDENCE INSPECTOR a. Chris People 17. COUNTY INSPECTOR a. Jonathan Boone 18. TESTING INSPECTOR: a. Charles Munchie Garner Jr. b. Testing Percentages i. Moisture - 13.6% ii. Dry Soil Compaction - 97.9% iii. State Percentage - 97.2% 19. The compaction has to be done in 4' Height Steps. a. Cat 352 Long Reach Excavator grade 4' Lift until 6th Step b. Cat 745 Articulated Truck dump Dirt loaded with Cat 349 Excavator by backing down ramp to where the dozer operator requires c. Cat D6 XE Wide Track Dozer Grade 4' Lifts for Cat Sheep Foot Roller d. Front Drum Compaction e. Must stay off wall 18" Minimum. Use Wacker Neuson around Wall i. Dirt (4' Depth) ii. Dirt (4' Depth) iii. Dirt (4' Depth)	<ul> <li>PARKING GARAGE EXCAVATION Has to be excavate in steps 6th Step to Ground Level - 24' Depth</li> <li>RAMP ACCESSIBLE FOR MACHINE AND OPERATOR</li> <li>Parking Garage - 156'L x 156'W x 98'H</li> <li>20. # of Steps - 6</li> <li>21. The opening of Parking Garage Pit @ 6th Step - 252'L x 252'W x 24'H</li> <li>22. Ground Level Specs: <ul> <li>a. 252'L x 252'W</li> <li>b. Square Feet - 63,504 Sq. Feet</li> <li>c. Llfts - 4'</li> </ul> </li> <li>23. RESIDENCE INSPECTOR <ul> <li>a. Chris People</li> </ul> </li> <li>24. COUNTY INSPECTOR</li> <li>a. Onathan Boone</li> </ul> <li>25. TESTING INSPECTOR: <ul> <li>a. Charles Munchie Garner Jr.</li> <li>b. Testing Percentages</li> <li>i. Moisture - 13.6%</li> <li>ii. Dry Soil Compaction - 97.9%</li> <li>iii. State Percentage - 97.2%</li> </ul> </li> <li>26. The compaction has to be done in 4' Height Steps. <ul> <li>a. Cat 352 Long Reach Excavator grade 4' Lift until 6th Step</li> <li>b. Cat 745 Articulated Truck dump Dirt loaded with Cat 349 Excavator by backing down ramp to where the dozer operator requires</li> <li>c. Cat D6 XE Wide Track Dozer Grade 4' Lifts for Cat Sheep Foot Roller</li> <li>d. Front Drum Compaction</li> <li>e. Must stay off wall 18'' Minimum. Use Wacker Neuson around Wall <ul> <li>i. SAND (4' Depth)</li> <li>ii. Oirt (4' Depth)</li> <li>iii. Oirt (4' Depth)</li> <li>iii. Oitt (4' Depth)</li> <li>iii. Oitt Level to Ground</li> <li>1. 15,000 lbs of Force</li> </ul> </li> </ul></li>

PARKING GARAGE (98' Tall) (11 Level) Sand Density - 105 lbs. Per Square Foot Steel Rebar Concrete - 3,000 lbs. Per Square Inch (PSI)	Sand Back filled behind wall - " 135'Length x 4 Sides x 60" Width x 98'Height Sand is for Expansion of Concrete Sand Pressure - 10,290 lbs Per Foot 540'L x 5'W x 98'D Sand Tonnage - 17,640 Tons Rebar - 2 ¼" (1 Square Foot Box Design) Length (135'x 4 Sides x 98 pieces) = 52,920 Width (98'x 4 Sides x 135 Pieces) = 52,920 Total Feet - 105,840' Rebar Weigh - 1,439,424 lbs. Concrete Walls Structure - 6" 135'Length x 4 Sides x 6" Width x 98'Height 540'L x 6" W x 98'H Cubic Yard of Concrete - 980 Cubic Yards	Sand Back filled behind wall - 12" 156' Length x 4 Sides x 60" Width x 98' Height Sand is for Expansion of Concrete Sand Pressure - 10,290 lbs Per Foot 624' L x 5' W x 98'D Sand Tonnage - 20,384 Tons Rebar - 2 ¼" (1 Square Foot Box Design) Length (156' x 4 Sides x 98 pieces) = 61,152 Width (98' x 4 Sides x 156 Pieces) = 61,152 Total Feet - 122,304' Rebar Weigh - 1,663,334 lbs. Concrete Walls Structure - 6" 156' Length x 4 Sides x 6" Width x 98' Height 624' L x 6" W x 98' H Cubic Yard of Concrete - 1,132 Cubic Yards
PARKING GARAGE FLOORS	Number of Floors - 11 Levels Ramps Included Floors Specs - 135'L x 135'W x 6" Lumber Spacers (Rebar) - 2" x 4" x 10' Concrete Shoring Post - 8'Length Rebar Specs - 2 '4" 1. PLYWOOD (23/32" x 8' x 4') 1.1. Total Pieces - 6,265 1.2. Pieces Per Floor - 570 2. LUMBER (2" x 4") SPACERS 2.1. Height - 2" 2.2. Width - 4" 2.3. Total Amount of Lumber - 4,010 2.4. Total Amount of Spacers - 200,475 2.5. Spacers on a Floor - 18,225 3. REBAR (2 '4") 3.1. Total Feet - 200,475 3.2. Feet Per Floor - 18,225 4. CONCRETE SHORING POST (8') 4.1. Spacing Apart - 18" (1.5') 4.2. Total Shoring Post - 180 5. CONCRETE (6" Thick) 5.1. Total Cubic Yards - 3,713 5.2. Cubic Yards Per Floor - 338	Number of Floors - 11 Levels Ramps Included Floors Specs - 156'L x 156'W x 6" Lumber Spacers (Rebar) - 2" x 4" x 10' Concrete Shoring Post - 8' Length Rebar Specs - 2 '4" 6. PLYWOOD (23/32" x 8'x 4') 6.1. Total Pieces - 8,366 6.2. Pieces Per Floor - 761 7. LUMBER (2" x 4") SPACERS 7.1. Height - 2" 7.2. Width - 4" 7.3. Total Amount of Lumber - 5,354 7.4. Total Amount of Spacers - 267,696 7.5. Spacers on a Floor - 24,336 8. REBAR (2 '4") 8.1. Total Feet - 267,696 8.2. Feet Per Floor - 24,336 9. CONCRETE SHORING POST (8') 9.1. Spacing Apart - 18" (1.5') 9.2. Total Shoring Post - 208 10. CONCRETE (6" Thick) 10.1. Total Cubic Yards - 4,961 10.2. Cubic Yards Per Floor - 451
STEEL COLUMN REQUIRED	Columns (10' Apart) - 182 Concrete Footing for Columns Depth - 18' Steel Erector Columns Specs: 12'L x 1.5'W Concrete - 273 Cubic Yards	Columns (12'Apart) - 169 Concrete Footing for Column Depth - 6' Steel Erector Columns Specs: 12'L x 1.5'W Concrete - 169 Cubic Yards

HEAVY DUTY CRANE LIFT OF BUILDING SUPPORT BEAMS 704 - Tons Lift Twice Half Structure at at time The structure have to be assemble on land then lift	MANITOWOC MCL650 WITH VPC-MAX         772- Tons Capacity         Triple Heavy Duty Spreader Bar with 100'         Spread         1,354- Ton Lift of Building Steel Foundation in 2         Sections (677-Ton Lift Per Section)         166-Ton Steel Plate in 2 Section (83-Ton Lift Per Section)	Image: Additional and the end of th
STEEL I BEAMS SUPPORTING BUILDING STRUCTURE ON TOP OF PARKING GARAGE	Steel Ground Floor Beams Supporting Building         I.       Pound Per Square Inch - 25,000 lbs.         II.       Tower Expecting Weight - 9,200,000,000         Pounds       E.         Steel Thickness - 12" (300,000         lbs. PSI)         F.       Steel Width - 72" (1,800,000         lbs. PSI)         G.       Steel Height - 108" (2,700,000         lbs. PSI)         G.       Steel Length (Cross Beams 18"         Length Sections)         1.       - 75' (22,500,000 lbs.         PSI)         2.       60' (18,000,000 lbs.         PSI)         2.       60' (18,000,000 lbs.         PSI)       I.         Steel I Beams PSI - 45,300,000         lbs. PSI         J.       # of Steel Beams - 36         1.       Spacing - 18"         K.       Total Steel Beams psi -         1,630,800,000 lbs. Psi         III.       Steel Plate Floor         E.       Thickness - 3"         1.       PSI - 75,000 lbs.         F.       Width - 108" (9')         1.       PSI - 2,700,000 lbs.	Steel Ground Floor Beams Supporting Building         I.       Pound Per Square Inch - 25,000 lbs.         II.       Tower Expecting Weight - 900,000,000         Pounds       A.         Steel Thickness - 12" (300,000         lbs. PSI)         B.       Steel Width - 72" (1,800,000 lbs.         PSI)         C.       Steel Width - 72" (1,800,000 lbs.         PSI)         C.       Steel Height - 108" (2,700,000         lbs. PSI)         D.       Steel Length (Cross Beams 18"         Length Sections)         1.       90' (27,000,000 lbs. PSI)         2.       66' (19,800,000 lbs. PSI)         2.       66' (19,800,000 lbs. PSI)         E.       Steel I Beams PSI - 51,600,000         lbs. PSI       F.         # of Steel Beams - 42       1.         J.       Spacing - 17"         G.       Total Steel Beams psi - 2,167,200,000 lbs. Psi         V.       Steel Plate Floor         E.       Thickness - 3"         J.       PSI - 75,000 lbs.         F.       Width - 108" (9')         J.       PSI - 2,700,000 lbs.         G.       Length - 360" (30')         J.       PSI - 9,000,000 lbs.

	G. Length - 360" (30') 1. PSI - 9,000,000 lbs. H. # of Plates - 68 1. Total Plates PSI - 800,700,000 lbs. 2. Per Plate PSI - 11,775,000 lbs IV. Total Steel PSI - 2,431,500,000 lbs.	H. # of Plates - 96 1. Total Plates PSI - 1,130,400,000 lbs. 2. Per Plate PSI - 11,775,000 lbs. VI. Total Steel PSI - 3,297.600,000 lbs.
CONCRETE FOOTING ON TOP OF STEEL BEAMS AND PLATE (12" of Concrete)	<ul> <li>CONCRETE SUPPORTING STEEL COLUMNS 135' Length x 135' Width x 12" Height Concrete Total PSI - 7,873,200,000 lbs.</li> <li>1) REBAR (2 ¼") <ul> <li>a) # of Tiers - 3</li> <li>b) Total Feet of Rebar - 54,675'</li> <li>c) Feet of Rebar Per Tier - 18,225'</li> </ul> </li> <li>2) LUMBER SPACERS (2" x 4" x 10') <ul> <li>a) # of Tiers of Spacing - 3</li> <li>b) # of Lumber - 228</li> <li>c) Spacing Each Tier - 0.5"</li> <li>d) Total # of Wood Spacers - 54,675</li> <li>e) # of Wood Spacers per tier - 18,225</li> </ul> </li> <li>3) CONCRETE <ul> <li>a) Cubic Yards of Concrete - 675</li> </ul> </li> </ul>	CONCRETE SUPPORTING STEEL COLUMNS 156' Length x 156' Width x 6" Height Concrete Total PSI - 10,513,152,000 lbs. 4) REBAR (2 ¼") a) # of Tiers - 2 b) Total Feet of Rebar - 48,672' c) Feet of Rebar Per Tier - 24,336' 5) LUMBER SPACERS (2" x 4" x 10') a) # of Tiers of Spacing - 2 b) # of Lumber - 305 c) Spacing Each Tier - 0.75" d) Total # of Wood Spacers - 48,672 e) # of Wood Spacers per tier -24,336 6) CONCRETE a) Cubic Yards of Concrete - 451
BUILDING STEEL BEAM COLUMNS FOUNDATION	Columns of Building Structure on a Steel Beam A. Building Specs: a. 135'L x 135'W b. Square Feet - 18,225 c. Square Inch - 2,624,400 B. Building Expected Weight With Furniture and People a. Pounds - 9,200,000,000 lbs. b. Tonnage - 4,600,000 - Tons c. PSI - 3,506 lbs. d. Columns Width - 18"x 18" i. Square Inch - 324 e. # of Columns - 183 i. Total Square Inch of Pressure - 59,292 psi ii. Weight Per Column - 50,273,224 lbs. iii. Columns PSI - 155,164 lbs. C. Building Foundation PSI a. Steel Beams - 1,630,800,000 lbs. b. Steel Plate- 800,700,000 lbs.	Columns of Building Structure on a Steel Beam E. Building Specs: a. 156'L x 156'W b. Square Feet - 24,336 c. Square Inch - 3,504,384 F. Building Expected Weight With Furniture and People a. Pounds - 900,000,000 lbs. b. Tonnage - 450,000 - Tons c. PSI - 257 lbs. d. Columns Width - 18"x 18" i. Square Inch - 324 e. # of Columns - 169 i. Total Square Inch of Pressure - 54,756 psi ii. Weight Per Column - 5,325,444 lbs. iii. Columns PSI - 16,437 lbs. G. Building Foundation PSI a. Steel Beams - 2,167,200,000 lbs. b. Steel Plate - 1,130,400,000 lbs. c. Concrete - 10,513,152,000 lbs.

	c. Concrete - 7,873,200,000 lbs. d. Total PSI Foundation - 10,304,700,000 lbs. D. Columns on a Beam - 13 a. Building PSI Pressure on a Beam - 2,017,132 lbs b. Foundation Beam PSI Requirements i. 56,309,836 lbs.	d. Total PSI Foundation - 13,810,752,000 lbs. H. Columns on a Beam - 13 a. Building PSI Pressure on a Beam - 213,681 lbs b. Foundation Beam PSI Requirements i. 81,720,426 lbs.
STEEL COLUMNS BUILDING STRUCTURE	Steel Column Beams A. Specs: 12' Length x 18'' Width B. Spacing Apart - 10' C. Total Amount - 40,950 D. Amount of Steel Sections on a Column a. 225 Pieces on each Column	Steel Column Beams A. Specs: 12'Length x 18" Width B. Spacing Apart - 12' C. Total Amount - 3,318 D. Amount of Steel Sections on a Column a. 22 Pieces on a Column
STEEL CROSS BEAMS	Steel Cross Beams A. Specs: 10'Length x 18" Width B. Spacing Apart - 10' C. Total Amount - 40,950 a. Amount On a Floor - 182	Steel Cross Beams A. Specs: 12'Length x 18" Width B. Spacing Apart - 12' C. Total Amount - 3,318 a. Amount On a Floor - 158
BUILDING FLOORS SPECS:	Number of Floors - 225 Levels Floors Specs - 135'L x 135'W x 3" Aluminum Truss - 10'L x 2" W Metal Floor Decking - 10'L x 3'W x 1.5" D Lumber Spacers - 2" x 4" x 10' Rebar Specs - 2 ¼" Concrete - 3" Floor	Number of Floors - 21 Levels Floors Specs - 156'L x 156'W x 3" Aluminum Truss - 10'L x 2" W Metal Decking - 10'L x 3'W x 1.5" D Lumber Spacers - 2" x 4" x 10' Rebar Specs - 2 ¼" Concrete - 3" Floor
	ALUMINUM TRUSS (10'L x 2" W) I. Building Specs - 135'L x 135'W x 2,700'H A. Amount of Floors - 225 II. Spacing Specs: 18" Spacing III. # of Truss Total - 232,425 A. # Per Floor - 1,033 METAL DECKING (10'L x 3'W x 1.5" D) I. Building Specs - 135'L x 135'W x 2,700'H) II. Total Metal Floor Decking - 136,800 A. # Per Floor - 608 LUMBER SPACERS (2" x 4" x 10') I. Building Specs: 135'L x 135'W x 2,700'H) II. Spacers Specs: 0.75" x 4" II. Spacer Needed for Rebar - 1 Underneath IV. Amount of Lumber - 25,650 A. Lumber Per Floor - 114 V. Total Amount of Spacers - 4,100,625 A. Spacers Per Floor - 18,225	ALUMINUM TRUSS ( $10$ 'L x 2" W) I. Building Specs - $156$ 'L x $156$ 'W x $252$ 'H A. Amount of Floor - $21$ II. Spacing Specs: $18$ " Spacing III. # of Truss Total - $24,843$ A. # Per Floor - $1,183$ METAL DECKING ( $10$ 'L x 3'W x $1.5$ " D) III. Building Specs - $156$ 'L x $156$ 'W x $252$ 'H) IV. Total Metal Floor Decking - $17,052$ A. # Per Floor - $812$ LUMBER SPACERS ( $2$ " x 4" x $10$ ') VI. Building Specs: $156$ 'L x $156$ 'W x $252$ 'H) VII. Spacers Specs: $0.75$ " x 4" VII. Spacer Needed for Rebar - $1$ Underneath IX. Amount of Lumber - $3,195$ A. Lumber Per Floor - $152$ X. Total Amount of Spacers - $511,056$ A. Spacers Per Floor - $24,336$ REBAR ( $2$ '4" Diameter) III. Building Specs: $156$ 'L x $156$ 'W x $252$ 'H) IV. Total Feet of Rebar - $511,056$ ' A. Feet Per Floor - $24,336$ '

	REBAR (2 ¼" Diameter) I. Building Specs: 135 'L x 135 'W x 2,700 'H) II. Total Feet of Rebar - 4,100,625' A. Feet Per Floor - 18,225' CONCRETE (3" Floor) I. Floor Specs: 135 'L x 135 'W x 3"H) A. # of Floors - 225 II. Total Cubic Yards - 38,025 cu. yards A. Cubic Yards Per Floor - 169 cu. yards	CONCRETE (3" Floor) III. Floor Specs: 156'L x 156'W x 3"H) A. # of Floors - 21 IV. Total Cubic Yards - 4,746 cu. yards A. Cubic Yards Per Floor - 226 cu. yards
ELECTRIC SUPPLIED TO BUILDING	ELECTRICITY SUPPLIED TO BUILDING Torcon, Inc Designer & Builder Multiple Sources of Electricity A. Duke Energy - Normal Medium Voltage Local Utility Company a. Being supplied through multiple sub-stations b. Enters below grade & Terminates in Main Switch Rooms c. Has it own <u>Idiosyncrasies</u> d. Main Switch Room in Basement Close to Outside Wall e. Contact Duke Energy for Specs. f. Ground Floor Ring Main Unit (Loss of Leasable Space) g. Transformed down to the utilization voltage 480-Volts at or below ground level h. Be located where they can adequately Service Selected Floors i. The Architect will Consider Issues such as Impact on the <u>Aesthetics</u> of the <u>FA%%CBOT</u> <u>MDT%%ADE</u> j. Transfer Room close to Elevator Shaft in The Event the Transfer Need to be Replaced. k. Medium-Voltage Cables must be fed to the Transformers on Upper Levels l. Low-Voltage Equipment & Cables be Completely Separate and Routed up the Building in Separate Accessible spaces <b>B. Caterpillar 3516E Low Voltage</b>	ELECTRICITY SUPPLIED TO BUILDING Torcon, Inc Designer & Builder Multiple Sources of Electricity C. Duke Energy - Normal Medium Voltage Local Utility Company a. Being supplied through multiple sub-stations b. Enters below grade & Terminates in Main Switch Rooms c. Has it own Idiosyncrasies d. Main Switch Room in Basement Close to Outside Wall e. Contact Duke Energy for Specs. f. Ground Floor Ring Main Unit (Loss of Leasable Space) g. Transformed down to the utilization voltage 480-Volts at or below ground level h. Be located where they can adequately Service Selected Floors i. The Architect will Consider Issues such as Impact on the <u>Aesthetics</u> of the <u>FA%%CBOT</u> <u>MDT%%ADE</u> j. Transfer Room close to Elevator Shaft in The Event the Transfer Need to be Replaced. k. Medium-Voltage Cables must be fed to the Transformers on Upper Levels l. Low-Voltage Equipment & Cables be Completely Separate and Routed up the Building in Separate Accessible spaces D. Caterpillar 3516E Low Voltage Generators Requires a sophisticated Transfer Scheme more costly than Low-Voltage Generators.

	a. Medium-Voltage Generators Requires a sophisticated Transfer Scheme more costly than Low-Voltage Generators. b. Duke Energy may not approve a Medium-Voltage Generators in High-Rise Building c. Low-Voltage Generator will require more generators units and due to low Voltage Drop they will have to be Distributed throughout the building on service floors and coordinate Work to Ensure that Sufficient Combustion Air Ventilation is Provided to Generators Rooms Due to the Duke Energy Guidelines, Torcon will be illustrating the Electric Supply to the building	b. Duke Energy may not approve a Medium-Voltage Generators in High-Rise Building c. Low-Voltage Generator will require more generators units and due to low Voltage Drop they will have to be Distributed throughout the building on service floors and coordinate Work to Ensure that Sufficient Combustion Air Ventilation is Provided to Generators Rooms Due to the Duke Energy Guidelines, Torcon will be illustrating the Electric Supply to the building
HELIPAD ON TOP OF BUILDING DESIGN	FOUR HELIPAD ON ROOF Off all 4-Sides of Building Rooftop Dimension 90'L x 90'W Triple Bullet Proof Glass Fencing Around Each Helipad Prevent Children and Cross Wind in landing Helicopter and Blowing people off the Pad Height - 5' Width - 6" Total Length - 1,064 Length Around Each Helipad - 266	FOUR HELIPAD ON ROOF Off all 4-Sides of Building Rooftop Dimension - 104'L x 104'W Triple Bullet Proof Glass Fencing Around Each Helipad Prevent Children and Cross Wind in landing Helicopter and Blowing people off the Pad Height - 5' Width - 6'' Total Length - 1,120' Length Around Each Helipad - 280
	<ul> <li>Potain MRH 175 Luffing Jib Tower Crane <ol> <li>Lifting Capacity - 10-Tons (20,000 lbs.)</li> <li>Spreader Bar <ul> <li>Tandemloc Fixed Length</li> <li>Max. Spread - 360" (30')</li> <li>Working Load Limit - 30-Tons</li> </ul> </li> <li>I Beams <ul> <li>Overall Length - 190'</li> <li>Overall Width - 18"</li> <li>Overall Height - 3'</li> <li>Thickness - 3"</li> <li>Spacing Apart - 15'</li> <li>Amount of Beams - 12 <ul> <li>I Beams Weight</li> <li>Total Weight - 292,812 lbs.</li> <li>Weight Per Beam - 24,401 lbs.</li> </ul> </li> <li>I Beams Sections Specs <ul> <li>Total Amount of Sections - 36</li> <li>Amount of Sections in a Beam - 3</li> </ul> </li> </ul></li></ol></li></ul>	<ul> <li>Manitowoc MLC300 VPC-Max Crawler Crane <ol> <li>Lifting Capacity - 330-Tons (660,000 lbs.)</li> <li>Spreader Bar <ul> <li>Tandemloc Fixed Length</li> <li>Max. Spread - 360" (30')</li> <li>Working Load Limit - 30-Tons</li> </ul> </li> <li>I Beams <ul> <li>Overall Length - 204'</li> <li>Overall Width - 18"</li> <li>Overall Height - 3'</li> <li>Thickness - 3"</li> <li>Spacing Apart - 13'</li> <li>Amount of Beams - 16</li> <li>I Beams Weight <ul> <li>Total Weight - 423,360 lbs.</li> <li>Weight Per Beam - 26,460 lbs.</li> <li>I Beams Sections Specs</li> <li>Total Amount of Sections - 32</li> <li>Amount of Sections in a Beam - 4</li> </ul> </li> </ul></li></ol></li></ul>

#### Cross Beams

- 1. Overall Length 81'
- 2. Overall Width 18"
- 3. Overall Height 3'
- 4. Thickness 3"
- 5. Spacing Apart 18"
- 6. Amount of Cross Beams 128 Cross Beams Weight
- *A.* Total Weight 1,373,184 lbs.
- B. Weight Per Cross Beam 10,728 lbs. Cross Beams Section Specs
- A. Total Amount of Sections 768
- B. Amount of Sections in a Cross Beam 6

### Support Hanging I Beams

- 1. Connects to Building Corner Beam
- 2. Overall Length 150'
- 3. Overall Width 18"
- 4. Overall Height 3'
- 5. Thickness 3"
- 6. Spacing Apart 90'
- 7. Amount of Supporting I Beams 8
- 8. Support I-Beams Weight
  - a. Total Weight of Supporting I Beams - 155,080 lbs.
  - b. Weight Per Support I Beam -19,385 lbs.

### Support I-Beams Sections Specs

- 1. Total Amount of Sections 24
- 2. Sections in a Support I Beam 3

# Support Hanging Cross Beams

- 1. Connects to Hanging I Beams
  - a. One at Top Helipad
  - b. One 37.5' From Top
  - c. One at 37.5' From Bottom
  - d. One at 5' Away from Building
- 2. Overall Length 90'
- 3. Overall Width 18"
- 4. Overall Height 3'
- 5. Thickness 3"
- 6. Spacing Apart 37.5'
- 7. Amount of Supporting Cross Beams 16
- 8. Supporting Cross Beams Weight
  - a. Total Weight 189,728 lbs.
  - b. Weight Per Support Cross
    - Beam 11,858 lbs.

## *Steel Plates (30'L x 9'W x 6")*

1. Counter Weight for the Overhanging Steel to support Bell 525 Relentless Helicopter (20,000 lbs.) or any helicopter in its class on all four sides

#### **Cross Beams**

- 1. Overall Length 92'
- 2. Overall Width 18"
- 3. Overall Height 3'
- 4. Thickness 3"
- 5. Spacing Apart 18"
- 6. Amount of Cross Beams 136 Cross Beams Weight
- A. Total Weight 1,646,824 lbs.
- B. Weight Per Cross Beam 12,109 lbs.

## Cross Beams Section Specs

- *A.* Total Amount of Sections 272
- B. Amount of Sections in a Cross Beam 2

### Support Hanging I Beams

- 1. Connects to Building Corner Beam
- 2. Overall Length 150'
- 3. Overall Width 18"
- 4. Overall Height 3'
- 5. Thickness 3"
- 6. Spacing Apart 90'
- 7. Amount of Supporting I Beams 8
- 8. Support I-Beams Weight
  - a. Total Weight of Supporting I Beams - 155,080 lbs.
  - b. Weight Per Support I Beam -19.385 lbs.

### Support I-Beams Sections Specs

- 1. Total Amount of Sections 24
- 2. Sections in a Support I Beam 3

### Support Hanging Cross Beams

- 1. Connects to Hanging I Beams
  - a. One at Top Helipad
  - b. One 37.5' From Top
  - c. One at 37.5' From Bottom
  - d. One at 5' Away from Building
- 2. Overall Length 104'
- 3. Overall Width 18"
- 4. Overall Height 3'
- 5. Thickness 3"
- 6. Spacing Apart 37.5'
- 7. Amount of Supporting Cross Beams 16
- 8. Supporting Cross Beams Weight
  - a. Total Weight 217,824 lbs.
    - b. Weight Per Support Cross Beam 13,614 lbs.

## Steel Plates (30'L x 9'W x 6")

- 1. Counter Weight for the Overhanging Steel to support Bell 525 Relentless Helicopter (20,000 lbs.) or any helicopter in its class on all four sides
  - a. Supports Pool on Top with Glass Enclosure

<ul> <li>a. Supports Pool on Top with Glass Enclosure</li> <li>b. 60'L x 60'W Total Counterweight area</li> <li>c. Sits on top of Steel I Beams as Counterweight for the 50' Overhang on all 4-Sides</li> <li>d. Plates are Welded together and spot welded to Main I Beams and Cross Beams</li> <li>2. Overall Length - 30'</li> <li>3. Overall Width - 9'</li> <li>4. Overall Thickness - 6"</li> <li>5. Amount of Steel Plate - 14</li> <li>6. Weight of Steel Plates <ul> <li>a. Total Weight - 137,004 lbs.</li> <li>b. Weight Per Steel Plate - 9,786 lbs.</li> </ul> </li> <li>Lumber Spacers (2" x 4" x 10')</li> <li>1. Helipad - 50'L x 90'W x 4"D</li> <li>2. Location under rebar for concrete strength</li> <li>3. Spacing - 0.75" off the metal floor decking to lift rebar off the decking</li> <li>4. Amount of Spacers <ul> <li>a. Total Amount of Spacers - 18,000</li> <li>b. Amount of Spacers per Helipad - 4,500</li> <li>c. Total Amount of Lumber - 116</li> <li>i. Lumber Dry Helipad</li> </ul> </li> </ul>	<ul> <li>b. 60'L x 60'W Total Counterweight area</li> <li>c. Sits on top of Steel I Beams as Counterweight for the 50' Overhang on all 4-Sides</li> <li>d. Plates are Welded together and spot welded to Main I Beams and Cross Beams</li> <li>2. Overall Length - 30'</li> <li>3. Overall Width - 9'</li> <li>4. Overall Thickness - 6"</li> <li>5. Amount of Steel Plate - 27</li> <li>6. Weight of Steel Plates <ul> <li>a. Total Weight - 264,222 lbs.</li> <li>b. Weight Per Steel Plate - 9,786 lbs.</li> </ul> </li> <li>Lumber Spacers (2" x 4" x 10')</li> <li>1. Helipad - 50'L x 104'W x 4"D</li> <li>2. Location under rebar for concrete strength</li> <li>3. Spacing - 0.75" off the metal floor decking to lift rebar off the decking</li> </ul> <li>4. Amount of Spacers <ul> <li>a. Total Amount of Spacers - 20,800</li> <li>b. Amount of Spacers per Helipad - 5,200</li> <li>c. Total Amount of Lumber - 132</li> <li>i. Lumber Per Helipad - 33</li> </ul> </li> <li>Metal Floor Decking - 10'L x 3'W x 1.5" D</li> <li>1. Helipad - 50'L x 104'W <ul> <li>a. Total Amount - 4</li> </ul> </li>
<ul> <li>Metal Floor Decking - 10' L x 3'W x 1.5" D <ol> <li>Helipad - 50'L x 90'W</li> <li>Total Amount Metal Decking - 600</li> <li>Amount Per Helipad - 150</li> </ol> </li> <li>Rebar (2 ¼") <ol> <li>Helipad - 50'L x 90'W</li> <li>Total Feet - 18,000'</li> <li>Feet Per Helipad - 4,500'</li> </ol> </li> <li>Concrete (4") <ol> <li>Helipad - 50'L x 90'W</li> <li>Total Cubic Yards - 220 Cubic Yards <ol> <li>Cubic Yards Per Helipad - 55</li> <li>yards</li> </ol> </li> <li>Space Between Steel Plate and Building Edge <ol> <li>Overall Length Around Building - 360'</li> <li>Each Side - 90'</li> </ol> </li> </ol></li></ul>	a. Amount Per Helipad - 1/5 <b>Rebar (2 '/.'')</b> 1. Helipad - 50'L x 104'W 2. Total Feet - 20,800' a. Feet Per Helipad - 5,200' <b>Concrete (4'')</b> 1. Helipad - 50'L x 104'W 2. Total Cubic Yards - 256 Cubic Yards a. Cubic Yards Per Helipad - 64 cu. yards <b>Space Between Steel Plate and Building Edge</b> 1. Overall Length Around Building - 416' a. Each Side - 104' 2. Overall Width - 15' 3. Glass Panel Roof a. Overall Length - 360' b. Overall Width - 15' i. Length Per Side - 90' 4. Elevator a. Two Sides Elevator

	<ul> <li>3. Glass Panel Roof <ul> <li>a. Overall Length - 304'</li> <li>b. Overall Width - 15'</li> <li>i. Length Per Side - 76'</li> </ul> </li> <li>4. Elevator <ul> <li>a. Two Sides Elevator</li> <li>i. One Side to Helipad</li> <li>ii. One Side to Roof</li> <li>Enclosure Pool</li> <li>b. Length 12'2''L x 14'W x 9'H</li> </ul> </li> </ul>	i. One Side to Helipad ii. One Side to Roof Enclosure Pool b. Length 12'2"'L x 14'W x 9'H
GLASS CURTAIN WALL INSULATED AND TINTED	GLASS CURTAIN WALL I. Style A. Stick Curtain Wall Glass II. Tinted A. 3M Sun Control Window Film B. PR20X C. Visible Light Transmitted - 21% D. Solar Heat Gain Coefficient - 0.34 E. U Value - 1.02 F. Total Solar Energy Rejected - 0.62 III. Specs A. Height - 10'6" B. Width - 3'7" C. Depth - 1" D. Square Feet Per Panel - 37.6 Sq. Feet IV. Weight A. 10 lbs. Per Square Foot B. Panel Sq. Feet - 37.6 C. Panel Weight - 376 lbs. Each D. Total Weight - 14,581,280 lbs. 1. Per Side - 3,645,320 lbs. V. Amount A. Building Height - 2,700' B. Building Width - 135' C. # of Sides - 4 D. Square Feet 1. Total Sq. Feet - 1. Total Sq. Feet - 1. Total Sq. Feet - 3. Total Amount - 38,780 a) Amount Per Side - 9,695	GLASS CURTAIN WALL I. Style A. Stick Curtain Wall Glass II. Tinted A. 3M Sun Control Window Film B. PR20X C. Visible Light Transmitted - 21% D. Solar Heat Gain Coefficient - 0.34 E. U Value - 1.02 F. Total Solar Energy Rejected - 0.62 III. Specs A. Height - 10'6" B. Width - 3'7" C. Depth - 1" D. Square Feet Per Panel - 37.6 Sq. Feet IV. Weight A. 10 lbs. Per Square Foot B. Panel Sq. Feet - 37.6 C. Panel Weight - 1,552,128 lbs. I. Per Side - 388,032 lbs. V. Amount A. Building Height - 252' B. Building Width - 156' C. # of Sides - 4 D. Square Feet I. Total Sq. Feet - 157,248 Sq. Ft. S. Sq. Feet Per Side - 39,312 Sq. Ft. A. Mount Per Side - 1,032
GRACE MONOKOTE MK6-S FIREPROOFING MIX	GRACE MONOKOTE MK6-S FIREPROOFING MIX 1. Type of Fire Resistance	GRACE MONOKOTE MK6-S FIREPROOFING MIX 1. Type of Fire Resistance

	a. 3-Hour Fire Proofing 2. Thickness of Spray on Steel	a. 3-Hour Fire Proofing 2. Thickness of Spray on Steel
	<ol> <li>Thickness of Spray on Steel         <ul> <li>a. 2"</li> <li>Amount of Bags                 <ul></ul></li></ul></li></ol>	<ol> <li>Thickness of Spray on Steel         <ul> <li>a. 2"</li> </ul> </li> <li>Amount of Bags             <ul> <li>a. Per Bag                 <ul> <li>i. 4.7'Coverage Area</li> <li>b. Bags Per Minute - 0.6</li> <li>i. 3.1'Coverage Area</li> <li>c. Bags Per Hour - 40</li> <li>i. 186.8'Coverage Area</li> <li>d. Bags Per Day - 320</li> <li>i. 1,350.4'Coverage Area</li> <li>d. Bags Per Day - 320</li> <li>i. 1,350.4'Coverage Area</li> </ul> </li> </ul> </li> <li>Amount - 183         <ul> <li>b. Length - 46,116'</li> <li>c. Bags of FireProofing - 9,812 Bags</li> <li>d. Hours of Fireproofing - 1,153</li> <li>Hours</li> <li>e. Days of FireProofing - 1,153</li> <li>Hours</li> <li>e. Days of Fireproofing - 114 Days</li> <li>f. # of Sprayers or Crews Required - 2 (57-Days)</li> </ul> </li> <li>Cross Beams         <ul> <li>Amount - 28,548</li> <li>b. Length - 4,453,488'</li> <li>c. Bags of Fireproofing - 947,551</li> <li>d. Hours of Fireproofing - 2,961</li></ul></li></ol>
	h. # of Sprayers or Crews - 10 (273- Days)	
OWENS CORNING R-21 KRAFT FACED FIBERGLASS INSULATION BATT 15" x 93"	OWENS CORNING PINK R-21 INSULATION Cover Area Per Bag - 67.81 Sq. Feet Product Length - 7.75' Product Thickness - 5.5" Product Width - 15"	OWENS CORNING PINK R-21 INSULATION Cover Area Per Bag - 67.81 Sq. Feet Product Length - 7.75' Product Thickness - 5.5" Product Width - 15"

	Amount Per Bag - 7 Weight Per Bag - 39.75 lbs.	Amount Per Bag - 7 Weight Per Bag - 39.75 lbs.
	<ol> <li>Location         <ul> <li>Around Columns</li> </ul> </li> <li>Circumference             <ul> <li>Without Insulation I-Beam -                     12'L x 1.5'W</li> <li>With Insulation I-Beam - 12'L x                     29''W (2.4')</li> </ul> </li> <li>Amount                 <ul> <li>Total Amount of Columns -                     41,175</li> <li># of Floors - 225</li> <li>Amount of Columns on a Floor                     - 183</li> <li>Total Amount of Columns on a Floor                     - 183</li> <li>Total Amount of Bags of</li></ul></li></ol>	<ul> <li>5. Location <ul> <li>a. Around Columns</li> </ul> </li> <li>6. Circumference <ul> <li>a. Without Insulation I-Beam - 12'L</li> <li>x 1.5'W</li> <li>b. With Insulation I-Beam - 12'L x</li> <li>29''W (2.4')</li> </ul> </li> <li>7. Amount <ul> <li>a. Total Amount of Columns - 3,549</li> <li>b. # of Floors - 21</li> <li>c. Amount of Columns on a Floor - 169</li> <li>d. Total Amount of Bags of Insulation - 4,977 Bags <ul> <li>i. Bags Per Floor - 237</li> <li>Bags</li> <li>ii. Bags Per Column - 1.4</li> <li>Bags</li> <li>iii. Product Per Column - 10</li> <li>Products</li> </ul> </li> <li>8. Weight <ul> <li>a. Total Weight - 197,679.3 lbs.</li> <li>b. Weight Per Floor - 9,413.3 lbs.</li> <li>c. Weight Per Column - 55.7 lbs.</li> </ul> </li> </ul></li></ul>
MOZDESIGNS METAL COLUMNS COVERS <u>https://www.otis.com</u>	MOZDESIGN COLUMNS COVERS 1. Style a. CC150 Square b. Silver Metallic 2. Dimensions a. Length - 144" b. Width - 30" c. Square Inches - 4,320 sq. inches 3. Amount a. Total Amount - 41,175 b. Amount Per Floor - 183	MOZDESIGN COLUMNS COVERS 1. Style a. CC150 Square b. Silver Metallic 2. Dimensions a. Length - 144" b. Width - 30" c. Square Inches - 4,320 sq. inches 3. Amount a. Total Amount - 3,549 b. Amount Per Floor - 169
OTIS GEN3 PEAK ELEVATOR http://www.otis.com	OTIS GEN3 PEAK ELEVATOR The Gen3 Peak Elevator Combines Elegant design and with Advanced engineering. It style, comfort and speed ensure your tenants and visitors experience your building at it best 1. Travel Height Maximum a. Number of Elevators - 30 b. Max. Height -300' (25 Floors) c. 1st Floor to Garage Bottom Floor -3 Elevators d. 1st to 25th Floor - 3 Elevators	OTIS GEN3 PEAK ELEVATOR The Gen3 Peak Elevator Combines Elegant design and with Advanced engineering. It style, comfort and speed ensure your tenants and visitors experience your building at it best 1. Travel Height Maximum a. Number of Elevators - 6 b. Max. Height -300' (25 Floors) c. 1st Floor to Garage Bottom Floor -3 Elevators d. 1st to 25th Floor - 3 Elevators

	<i>e.</i> 25 <i>th to</i> 50 <i>th Floor</i> - 3	2. Maximum Stops
	Elevators	a. 30 Stops 2 Speed (Feet Der Minute)
	J. JULI 10 / JULI FILOU - J Flevators	5. Speed (Feel Fer Minule) $a = 500^\circ$ per minute
	g. 75th to 100th Floor - 3	4 Canacity (lbs.)
	Elevators	a. 500-Pounds
	h. 100th to 125th Floor - 3	5. Compactpact Gearless Machine
	Elevators	a. Reduce energy consumption up to
	<i>i.</i> 125th to 150th Floor - 3	75%
	Elevators	6. Smooth Coated steel Belts
	J.  ISUIN IO I/SIN FIOOR - S $Flowators$	a. Keauce Noise from metal to metal contact of steel ropes to deliver a
	k = 175th to 200th Floor - 3	smooth quiet ride
	Elevators	7. Otis One IOT Digital Platform
	<i>l.</i> 200th to 225th Floor - 3	a. Provide the connected intelligence
	Elevators	that defines the Gen3 Elevator
	2. Maximum Stops	8. Otis Cab Air Purifier
	a. 30 Stops	a. Significantly reduces airborne
	3. Speed (Feel Fer Minule) $a = 500^{\circ}$ per minute	0 Otis eView
	4. Canacity (lbs.)	<i>a.</i> Stream live. customizable
	a. 500-Pounds	infotainment to in-car display;
	5. Compactpact Gearless Machine	connects to otisline in an
	a. Reduce energy consumption up	emergency
	to 75%	10. Otis eCall App
	6. Smooth Coated steel Bells	a. Summon your elevator remotely
	u. Reduce Noise from metal to metal contact of steel ropes to	11 Compass 360 Destination Management
	deliver a smooth quiet ride	a. Cuts travel time by as much as
	7. Otis One IOT Digital Platform	half compared to traditional
	a. Provide the connected	systems
	intelligence that defines the	
	Gens Elevator	
	a. Significantly reduces airborne	
	bacteria and viruses.	
	9. Otis eView	
	a. Stream live, customizable	
	infotainment to in-car display;	
	connects to oustine in an emergency	
	10. Otis eCall App	
	a. Summon your elevator	
	remotely for a touchless	
	experience	
	11. Compass 360 Destination Management	
	half compared to traditional	
	systems	
SCHINDLER FREIGHT FLEVATORS	SCHINDLER 7000 HIGH HISE FREIGHT	SCHINDLER 7000 HIGH HISE FREIGHT
https://www.schindler.co	ELEVATORS	ELEVATORS
<u>m</u>	1. Quantity of Units	1. Quantity of Units
	a. 12	a. 12

	2. Service Type a. Service - Hotel 3. Building Type a. Hotel 4. Elevator Type a. Double Deck 5. Weight Capacity a. 8,800 lbs. 6. Speed a. 1,600 Feet Per Minute 7. Travel Limits a. (4) 1,000' (1st to 83rd Floors) b. (4) 1,000' (83rd to 166th Floor) c. (4) 724' (166th to Helipad & Rooftop pool) 8. People a. 50 Person Capability 9. Cab Dimensions a. $10' \frac{1}{2}'' \times 6\frac{1}{8}''$ 10. Door a. 4'x 7' 11. Shaft a. $10' \frac{1}{2}'' \times 8^{2} \frac{1}{4}''$ 12. Machine Room a. $10' \frac{1}{2}'' \times 15' 4\frac{7}{8}'' \times 12'9$ $\frac{1}{2''}''$ 13. Cab Height a. 9' 14. Overhead Clearance a. $24'3'''$ 15. Pit Depth	<ol> <li>Service Type         <ul> <li>a. Service - Hotel</li> </ul> </li> <li>Building Type             <ul> <li>A. Hotel</li> </ul> </li> <li>Elevator Type                 <ul> <li>Double Deck</li> </ul> </li> <li>Elevator Type                 <ul> <li>Double Deck</li> </ul> </li> <li>Elevator Type                 <ul> <li>Double Deck</li> </ul> </li> <li>Weight Capacity                 <ul> <li>Building Type</li> <li>Speed</li> <li>Speed</li> <li>Speed</li> <li>Speed</li> <li>Speed Limits</li> <li>Speed</li> <li>Speed Cab Dimensions</li> <li>Building Type Type Type Type</li> <li>Shaft</li> <li>Building Type Type</li> <li>Shaft</li> <li>Building Type Type Type</li> <li>Sub Dimensions</li></ul></li></ol>
ROOFTOP POOL ENCLOSURE https://www.carolinaclas sicpools.com	a. 17 ROOFTOP POOL ENCLOSURE 60'L x 60'W x 20' A. Model a. Barcelona B. Dimensions a. Length - 38' b. Width - 32' c. Depth - 3'6" to 7' C. Incline a. Total Inches - 456" b. Lowest Point (Inches) - 42" c. Highest Point (inches) - 84" d. Incline Per Foot - 10.9" D. Colors a. Crystite Crystal Collection b. Ocean Blue E. Quantity a. Two F. Pool Foundation Specs	ROOFTOP POOL ENCLOSURE 74'L x 74'W x 20' M. Model a. Barcelona N. Dimensions a. Length - 38' b. Width - 32' c. Depth - 3'6" to 7' O. Incline a. Total Inches - 456" b. Lowest Point (Inches) - 42" c. Highest Point (Inches) - 42" d. Incline Per Foot - 10.9" P. Colors a. Crystite Crystal Collection b. Ocean Blue Q. Quantity a. Two R. Pool Foundation Specs

a. Infinity Surface Elevate off	a. Infinity Surface Elevate off Floor
Floor 8'	8'
b. 6" x 6" x 16' Lumber	b. 6" x 6" x 16' Lumber
c. Total Amount	c. Total Amount
<i>i.</i> Front (lowest Point)	<i>i.</i> Front (lowest Point)
1.  Width - 32'	1.  Width - 32'
$2.  Height - 42^{\prime\prime}$	2. Height - 42"
3. Desired	3. Desired Height
Height - 84	- 04 ii Sidas Slana
$1.  \text{sides slope} \\ 1  10.0^{\circ} \text{ per}$	1.  Sides Slope
I. 10.9 per Foot	1. 10.9 per rool iii Rear (highest point)
iii Rear (highest point)	I Width - 32'
1 Width - 32'	2 Height - 84"
2. Height - 84"	3. Desired Height
3. Desired	- 96"
Height - 96"	S. Building Pool Foundation
G. Building Pool Foundation	a. Front (32')
a. Front (32')	<i>i.</i> Lumber (6 x 6" x 16')
<i>i.</i> Lumber (6 x 6" x 16')	ii. Amount to Level - 18
ii. Amount to Level - 18	iii. Front Pool PSI - 645,120
iii. Front Pool PSI -	psi
645,120 psi	iv. Lumber PSI (475 psi) -
iv. Lumber PSI (475 psi)	746,496 psi
- 746,496 psi	b. Right Side $(38')$
$b.  Right \ Side (38')$	$\begin{array}{ccc} 1. & Lumber (0 \times 0 \times 12) \\ \vdots & Amount & 14 \end{array}$
$\begin{array}{ccc} l. & Lumber (0 \times 0 \times 12) \\ \vdots & Amount & 14 \end{array}$	$\begin{array}{ccc} ll. & Amounl - 14\\ \vdots \vdots & Dialt Side DSL 218 880 \end{array}$
ii. Amouni - 14 jii Right Side PSI	ui. Kigni Side F SI -210,000
-218 880 nsi	iv Jumber PSI (475 psi)
iv Lumber PSI (475 nsi)	-54583200  psi
-54,583,200 psi	c. Left Side (38')
c. Left Side (38')	<i>i.</i> Lumber (6 x 6 x 12)
<i>i.</i> Lumber (6 x 6 x 12)	ii. Amount - 14
ii. Amount - 14	iii. Right Side PSI -218,880
iii. Right Side PSI	psi
-218,880 psi	iv. Lumber PSI (475 psi)
iv. Lumber PSI (475 psi)	-54,583,200 psi
-54,583,200 psi	d. Underneath
d. Underneath	$\begin{array}{c} 1.  Lumber (6 \times 6 \times 12) \\ \vdots \\ \end{array}$
$\begin{array}{ccc} 1. & Lumber (0 \times 0 \times 12) \\ \vdots & Amount & 20 \end{array}$	11. Amount - 29 iii Undamaath DSI
ii. Amouni - 29 jij Underneath PSI -	175 104 000 psi
175 104 000 nsi	iv I umber PSI (475 nsi)
iv Lumber PSI (475 nsi)	-1.039.680.000
-1.039.680.000	e. Rear (32')
e. Rear (32')	i. Lumber (6 x 6 x 12)
<i>i. Lumber (6 x 6 x 12)</i>	ii. Amount - 4
ii. Amount - 4	iii. Right Side PSI
iii. Right Side PSI	-15,482,880 psi
-15,482,880 psi	iv. Lumber PSI (475 psi)
iv. Lumber PSI (475 psi)	-13,132,800 psi
-13,132,800 psi	T. Pool Foundation Pasture
H. Pool Foundation Pasture	a. Plywood 8'x 4'x $\frac{3}{4}$ "
a. Plywood 8'x 4'x $\frac{3}{4}$ "	b. Amount Required

b. Amount Required	<i>i.</i> Front - 4.5'x 32'
<i>i.</i> Front - 4.5'x 32'	1. 144 Square Feet
1. 144 Square	2. Total -5
Feet	<i>ii. Right Side - 38'x 2.25'</i>
2. Total -5	1. 85.5 Square
ii. Right Side - 38'x	Feet
2.25'	2. Total - 3
<i>1.</i> 85.5 Square	iii. Left Side - 38'x 2.25'
Feet	1. 85.5 Square
2.  10tal - 3	Feet
111. Left Side - 38 x 2.25	$\frac{2.101al-3}{a}$
1. 05.5 Square Faat	IV. Rear - 1 x JZ
2 Total - 3	2 Total 1
2. $10101-5iv Rear - 1'x 3?$	v Total - 12
1 32 Savare	$U$ USG Sheetrock Brand $\frac{5}{8}$ x 4' x 8'
Feet	Firecode X Drywall
2. Total 1	a. Front - $32'L \times 8'H$
v. Total - 12	<i>i.</i> 256 Sq. Feet
I. USG Sheetrock Brand <sup>5</sup> / <sub>8</sub> " x 4'x 8'	ii. Amount - 8
Firecode X Drywall	b. Right Side - 38'L x 8'H
a. Front - 32'L x 8'H	<i>i.</i> 304'Sq. Feet
<i>i.</i> 256 Sq. Feet	ii. Amount - 10
ii. Amount - 8	<i>c. Left Side - 38'L x 8'H</i>
b. Right Side - 38'L x 8'H	<i>i.</i> 304'Sq. Feet
1. 304 Sq. Feet	u.  Amount - 10
$\begin{array}{ccc} 11. & Amount - 10\\ a & Left Side & 28'L + 8'IL \end{array}$	a. $Kear - 32 L \times 8 H$
C. Left State - $38 L \times 8 H$ i $304$ ' Sa Faat	l. 230 Sq. Feel ii Amount 8
$\begin{array}{ccc} i. & 504 & 5q. \ Feel\\ ii & Amount - 10 \end{array}$	V Enclosure Floor
d Rear - 32'L x 8'H	a Circumference - 74'x 74'x 20'
<i>i.</i> 256 Sq. Feet	b. Pool Area - 38'x 32'x 8'
ii. Amount -8	c. Golden White 18" x 24" Paver
J. Enclosure Floor	Tile
a. Circumference - 60'x 60'x 20'	<i>i.</i> 1,512 Square Feet
<i>b. Pool Area - 38'x 32'x 8'</i>	<i>ii. Tile Sq. Ft 3 sq. ft.</i>
c. Golden White 18" x 24" Paver	<i>iii.</i> 36'x 42'Area
Tile	iv. Tile Required - 504
i. 616 Square Feet	d. Pool Mats $(12'' \times 12'' \times 0.5'')$
$\begin{array}{ccc} u. & Iile \; Sq. \; Ft. \; \text{3 } sq. \; ft. \\ iii & 22^2 \cdot 28^2 \; \text{Amore} \end{array}$	<i>i. Mat Square Foot - 1 sq.</i>
in Tile Pagnirod 206	ji. ji Mats Dogwirod 1512
d Pool Mats (12" x 12" x 0.5")	u. Muis Requirea - 1,512 W Enclosure Sides
$i \qquad Mat Savare Foot - 1$	a Pool Enclosure of North Carolina
sa. ft.	b. https://www.poolenclosureofnc.co
ii. Mats Required - 616	<u>m</u>
K. Enclosure Sides	X. Enclosure Roof
a. Pool Enclosure of North	a. Pool Enclosure of North Carolina
Carolina	b. <u>https://www.poolenclosureofnc.co</u>
b. <u>https://www.poolenclosureofnc.</u>	<u>m</u>
<u>com</u>	
L. Enclosure Roof	
a. Pool Enclosure of North Caroling	
Curouna	

	b. <u>https://www.poolenclosureofnc.</u> <u>com</u>	
1ST FLOOR LOBBY	COURTYARD MARRIOTT A. Front Desk B. Marriott Bonvoy Store C. Bar & Grill D. Starbucks E. Lounge F. Courtyard Conference Room	COURTYARD MARRIOTT A. Front Desk B. Marriott Bonvoy Store C. Bar & Grill D. Starbucks E. Lounge F. Courtyard Conference Room
OFFICES & VIRTUAL OFFICES	OFFICES & VIRTUAL OFFICES A. 2nd Floor to 24th Floor a. Offices b. Cafe B. 25th Floor a. Virtual Offices	OFFICES & VIRTUAL OFFICES A. 2nd Floor a. Offices B. 3rd Floor a. Virtual Office b. Cafe
TEAMSTER OF NORTH AMERICA Rocky Mount - Eastern North Carolina Local	TEAMSTERS OF EASTERN NORTH CAROLINA1.26th Floor1.1.Medical Offices2.27th Floor2.1.Hiring Hall2.2.Out of Work List3.28th Floor3.1.Benefits3.2.Shop Stewards3.3.Business Agents4.29th Floor4.1.Clerical	TEAMSTERS OF EASTERN NORTH CAROLINA1.4th Floor1.1.Medical Offices1.2.Clerical1.3.Hiring Hall1.4.Benefits2.5th Floor2.1.Shop Stewards2.2.Out of Work List2.3.Business Agents
FBI TERRORIST UNIT	<ul> <li>FEDERAL BUREAU OF INVESTIGATION <ol> <li>30th Floor <ul> <li>Immigrant Crime Task Force</li> </ul> </li> <li>31st Floor <ul> <li>Repeat Crime Offenders Task Force</li> </ul> </li> <li>32 st Floor <ul> <li>6" Gun Length Task Force</li> <li>Childhood Crimes Rackground Task Force</li> <li>Criminal Record Task Force</li> <li>Where are You Now Task Force</li> <li>Unemployed Carry Permit Task Force</li> </ul> </li> </ol></li></ul>	FEDERAL BUREAU OF INVESTIGATION 1. 6th Floor a. Immigrant Crime Task Force b. Gangs Task Force c. Vehicle Carjacking d. Hijacking Task Force

	<ul> <li>4. 33rd Floor <ul> <li>a. Carjacking Task Force</li> <li>b. Homeless Shelter Identification Task Force</li> <li>c. Seaport Vehicles Shipping Task Force</li> <li>d. Junkyard VIN# Task Force</li> <li>e. Cypher Crime Task Force</li> </ul> </li> <li>5. 34th Floor <ul> <li>a. Gang Initiation Task Force</li> <li>b. Violent Crimes Cell Task Force</li> <li>c. Gang Business Affiliations Task Force</li> </ul> </li> </ul>	
FIRST RESPONDERS	FIRST RESPONDERS1. 35th Floora. Explosive and Radiative First Respondersb. Chemtrexc. Hazmat Spill Respondersd. Air Quality Testing2. 36th Floora. Fire Fighters Classroomb. WildFires Preventionc. Vehicles Submerged in Water With Occupants in Hypothermiad. Helicopter Fire Fighting & Rescue3. 37th Floora. EMS Classroom b. Violent Environment c. Drug Overdosed. Wild & Domestic Animal Encounterse. Life of Death Procedures Before Arriving at Hospital	FIRST RESPONDERS 4. 7th Floor a. Weight & Measure b. Helicopter Infrared X-Ray for Traffic Stops c. Commercial Vehicles
NORTH CAROLINA STATE POLICE COMMERCIAL DIVISION	NORTH CAROLINA STATE POLICE COMMERCIAL DIVISION 1. 38th Floor a. City Transit Vehicles Inspection 2. 39th Floor a. School Buses Inspection 3. 40th Floor a. Motorhomes & RV's 4. 41st Floor a. Weight & Measure b. Portable Scales c. Weigh Stations i. All Commercial Vehicles	NORTH CAROLINA STATE POLICE COMMERCIAL DIVISION 1. 8th Floor a. City Transit Vehicles Inspection b. Buses Vehicles Inspection c. Carjacking d. Drone Patrol i. Drone Night Vision Patrol ii. Drone Construction Zone Patrol iii. Drone Protesting Patrol iv. Drone No Trespassing Patrol

	ii. All Motorhomes iii. All Buses iv. Pickup Trucks with 5th Wheel Trailers v. Infrared Mobile Vehicle Scanners 5. 42nd Floor a. Pre Pass i. Trucks ii. Buses & Motorhomes iii. Pickup Trucks	e. Airspace Control i. Helicopter Traffic Patrol ii. Helicopter Eluding Patrol iii. Helicopter Speeding Patrol
OUTLAWS MOTORCYCLE CLUB	OUTLAWS MOTORCYCLE CLUB 1. 43rd Floor a. Finance 2. 44th Floor a. Charities i. Education ii. Health iii. Shows iv. Tours v. Chrome Bike Polishing Shops vi. Best Bar-b-Que 3. 45th Floor a. New Members i. Introduction ii. Classes 1. "How Will you Benefit us?" 2. How will you Improve Greatness" 3. Staring Colors b. First Year Member i. Chapters ii. Capital 1. Fundraising 2. Dues iii. Contributions to the Club 1. Grass Cutting 2. Maintaining the Grounds 3. Landscaping 4. Serving the Elders c. 2 to 5 Years Members i. Mentors	OUTLAWS MOTORCYCLE CLUB 1. 9th Floor a. New Members b. Conference Hall c. Meeting Hall

1 77 1 .	
I. Ieaching	
New	
Members	
ii. Riding with Colors	
<i>1. Ride with a</i>	
Partner	
iii. Collecting Points	
1. Miles	
Traveled	
2 Shows	
2. Shows Attended	
2 Duas Paid on	
J. Dues I ulu on	
4. 300-Mile	
Irip	
5. 500- Mile	
Trip	
6. Hotel Rooms	
Paid	
d. 6 to 10 Years Member	
i. Organizations Shows	
& Tours	
ii. Giving To the	
Community	
1. Feeding the	
Homeless	
2. Giving	
School	
Sunnlies	
3 Taking Kids	
on Rides	
4 Children	
Hospital	
Visita	
Fishs 5 Crown Home	
J. Group Home	
0. Supporting	
Local	
Business	
iii. Riding Point	
I. Riding in	
Pairs	
2. Uniform	
3. Leading	
Points	
4. Following in	
Rear Points	
5. Rider Points	
e. 11+ Years Members	
i. Points	
1. CB Radio	
Communicati	
on with	
Leader and	
the Rear	

	<ol> <li>Blocking Traffic for Fellow Riders</li> <li>Clean Bike</li> <li>Custom Bike</li> <li>Custom Bike</li> <li>Loud and Clear Music</li> <li>Loud CB Radio Crisp and Clear</li> <li>Designer Helmet and Shades</li> <li>46th Floor</li> <li>Conference Hall</li> <li>Meeting c. Points Awarded</li> </ol>	
SHELL ROTUNDA LARGE CARS TRUCKING CLUB	SHELL ROTUNDA LARGE CARS TRUCKING CLUB	SHELL ROTUNDA LARGE CARS TRUCKING CLUB
	<ol> <li>47th Floor         <ul> <li>FMCSA Rules and Regulations             Library                 <ul></ul></li></ul></li></ol>	<ol> <li>10th Floor         <ul> <li>FMCSA Rules and Regulations Library</li> <li>History of Trucking Industry</li> <li>Suggestion Box</li> <li>Freight Brokering Library</li> <li>How Distribution in America Works</li> </ul> </li> </ol>

Train and Trucking	
Merge	
c. Freight Brokering Library	
<i>i.</i> How do they issue	
rates?	
ii. How to find a good	
Droker?	
a. Thistory of Distribution in America	
i How Logistics work	
and how it effects	
rates?	
<i>ii.</i> How Computers order	
products on a	
dedicated routes	
iii. How Warehouse	
pickup is different	
from a distribution	
in When any note different	
iv. why are rate afferent at Warehouses and	
Distribution Centers	
with the same	
products?	
2. 48th Floor	
a. Suggestion Box	
<i>i.</i> Let FMCSA hear your	
demands	
ii. Let bid Distribution	
Centers hear about	
tour detention time	
loaded or unloaded	
iii Let Brokers and	
Forwarders hear your	
request	
iv. Let Washington, DC	
Hear your request at	
Ports and Railyards	
b. Upcoming Shows	
1. Where you will like to host a Truck Show	
ii How can a Truck	
Show heln your	
community	
iii. How can the Trucking	
Industry Help your	
community or	
Business	
c. Detailing Shops Discounts	
<i>i.</i> Where to get 10% off	
detaining your rigs.	
u. where to buy Chrome	
Paris and Supplies	
a. Trucking Dalabase	

	i. Ram, Freightliner & Western Star Trucks ii. Paccar Trucks iii. Volvo & Mack Trucks iv. International Trucks v. Autocar vi. Ford & Sterling Trucks vii. Chevy & Issuzu viii. Mercedes Benz	
OPERATING ENGINEERS OF NORTH AMERICA	OPERATING ENGINEERS OF NORTH AMERICA 1. 49th Floor a Eastern North Carolina Local	N/a
LUINA OF NORTH	LABORERS HEAVY GENERAL UNION OF	N/a
AMERICA	NORTH AMERICA	
	1. 50th Floor a. Eastern North Carolina Local	
ATLANTIC COAST CONFERENCE (ACC) LEAGUE OF CHAMPIONSHIPS	ATLANTIC COAST CONFERENCE LEAGUE OF CHAMPIONSHIPS 1. 51st Floor	N/a
	a. BASKETBALL i. Men's 1 Most ACC	
	Victories 2. Coach with	
	Most Victories	
	3. Most NCAA Tournament	
	Appearance b Women's	
	i. Most ACC Victories	
	Victories	
	Tournament	
	2. 52nd Floor a FOOTB411	
	i. Most ACC Victories	
	Victories iii. Most Bowls	
	Appearance 3 53rd Floor	
	a. BASEBALL i. Men's	

1. Most ACC	
Victories	
2. Coach with	
Most	
Victories	
3. Most NCAA	
Tournament	
Appearance	
u. women's	
1. MOSTACC	
Viciories 2 Cogob with	
2. Coach with Most	
MOSt Victorias	
2 Most NCAA	
5. MOST NCAA	
10urnameni Amogugaoo	
Appearance	
$\frac{4.541011007}{a}$	
u. vOLLEIDALL i Man's	
l. Mens	
I. MOSTACC Victories	
2 Coach with	
2. Couch with Most	
Victories	
3 Most NCAA	
Tournament	
Appearance	
ii. Women's	
1. Most ACC	
Victories	
2. Coach with	
Most	
Victories	
3. Most NCAA	
Tournament	
Appearance	
5. 55th Floor	
a. North Carolina High School	
That had the most Players to	
play in ACC Championship	
Game	
i. Football	
ii. Basketball	
ui. Baseball	
IV. Volleyball	
0. Sold Floor	
a. North Carolina High School	
nai naa ine Most Players to	
j Football	
l. FOOLDALL ii Daakathall	
ii. Duskelbull	
iv Hockey	
v Soccar	
v. soccer	

	vi Tennis	
	7. 57th Floor	
	a. The North Carolina Schools	
	with the highest Percentage of	
	championship of all sports	
	i. Elementary Schools	
	1. Baseball	
	2. Football	
	3. Basketball	
	4. Volleyball	
	5. Soccer	
	0. Tennis 7. Cumpactica	
	ii Ir High School	
	li. Jr. High School I Baseball	
	2 Football	
	3 Baskethall	
	4. Vollevball	
	5. Soccer	
	6. Tennis	
	7. Gymnastics	
	iii. High School	
	1. Baseball	
	2. Football	
	3. Basketball	
	4. Volleyball	
	5. Soccer	
	6. Tennis	
	/. Gymnastics	
	IV. Jr. College	
	1. Dusebuli 2. Football	
	3 Baskethall	
	4. Vollevball	
	5. Soccer	
	6. Tennis	
	7. Gymnastics	
	v. Universities	
	1. Baseball	
	2. Football	
	3. Basketball	
	4. Volleyball	
	5. Soccer	
	0. Iennis 7. Compaction	
	/. Gymnastics	
	VI. Couches 1 Flementary	
	2 Jr High	
	3. High School	
	4. Jr. Colleges	
	5. Universities	
	6. Professional	
FOUNDEDGOE		N7/
FOUNDERS OF	FOUNDERS OF AVIATION	N/a
AVIATION		

1. 58th Floor	
a. Pilot Legacv	
i. First Male Pilot	
1. American	
2. Latino	
3. European	
4. African	
5. Italian	
6. Hebrew	
7. Hispanic	
8. Mexican	
9. Russian	
10. Chinese	
11. Vietinesse	
12. Canadian	
ii. First Female Pilot	
1. American	
2. Latino	
3. European	
4. African	
5. Italian	
6. Hebrew	
7. Hispanic	
8. Mexican	
9. Russian	
10. Chinese	
11. Vietinesse	
12. Canadian	
2. 59th Floor	
a. Aviation Mechanic Legacy	
i. First Male Aviation	
Mechanic	
1. American	
2. Latino	
3. European	
4. African	
5. Italian	
6. Hebrew	
7. Hispanic	
8. Mexican	
9. Russian	
10. Chinese	
11 Vietinesse	
12 Canadian	
ii. First Female Aviation	
Mechanic	
1 American	
2 Latino	
3 European	
4 African	
5 Italian	
6 Hehrew	
7 Hispanic	
8 Merican	
0. Mexicun 0 Russian	
7. Kussian	

10 Chinese	
11. Vietinesse	
12. Canadian	
3. 60th Floor	
a Flight Steward Legacy	
u.  Fight Steward Legacy	
1. Male Flight Stewara	
1. American	
2. Latino	
3 European	
1. African	
4. Ajrican	
5. Italian	
6. Hebrew	
7. Hispanic	
8 Marican	
0. Durai m	
9. Kussian	
10. Chinese	
11. Vietinesse	
12. Canadian	
ii Female Flight	
Steward	
1. American	
2. Latino	
3 European	
A African	
7. Ajrican 5. Italian	
5. Italian	
6. Hebrew	
7. Hispanic	
8. Mexican	
9 Russian	
10 Chimaga	
11. Vietinesse	
12. Canadian	
4. 61st Floor	
a. Air Control Tower Operator	
i Male Tower Operator	
1 Amovican	
1. American	
2. Latino	
3. European	
4. African	
5 Italian	
6 Hohrow	
/. Hispanic	
8. Mexican	
9. Russian	
10. Chinese	
11 Viotinosso	
12 Canadian	
12. Cunulun	
ii. Female lower	
Operator	
1. American	
2. Latino	
3 Furanean	
J. European	
4. Ajrican	
5. Italian	
6. Hebrew	

	<ol> <li>7. Hispanic</li> <li>8. Mexican</li> <li>9. Russian</li> <li>10. Chinese</li> <li>11. Vietinesse</li> <li>12. Canadian</li> </ol>	
ISLAM OF NORTH AMERICA	ISLAM OF NORTH AMERICA 1. 62nd Floor a. The Birth of Islam in North America i. How was Muslim acknowledged by a title from God? ii. Who was the first Muslim? 2. 63rd Floor a. Where do you go to Worship? i. The Smallest Mass I. In the World 2. In United States ii. The Largest Mass I. In the World 2. In United States 3. 64th Floor a. What The Difference i. Nation of Islam and a Muslim ii. Christian and Muslim iii. Christian and Muslim iii. Ahmadiyya, Ibadi and Sufism iv. Jew and Muslim v. Catholic and Muslim vi. Holy Quran and The Noble Quran vii. The Three Heaven in the Bible and Seven Heaven in the Quran vii. The Difference in Jesus and Jehovah x. The Difference in Jesus and Jehovah x. The Difference in Jehovah and Allah xi. The Difference in a Muslim Woman covering herself Beauty and A Muslim	N/a

xii.	The Difference in The	
	King James Rible	
riii	The Difference in the	
лин.	Jewish Rible and The	
	Ouran	
xiv.	The Difference in a	
	Servant of God and a	
	Disciple of God	
XV.	What is the difference	
	in a Catholic Pope	
	and a Christian	
	Bishop?	
xvi.	Does God see a	
	Difference in	
	Religion?	
xvii.	Does God see a	
	Difference in what	
	read?	
rviii	What is the Difference	
	in a Gay Christian	
	and Gay Catholic?	
xix.	Does God see	
	Difference in Flesh?	
XX.	Does God see a	
	Difference of a Jew	
	Being the Apple of His	
	Eye versus any other	
	Religion	
xxi.	Does God hears	
	Different Culture	
	Prayer as the same	
	in tongues	
rrii	Does Sneaking in	
	tongues make a	
	Difference to God in	
	how he see you	
xxiii.	What is the difference	
	in a Gay human and	
	straight Human with	
	God in the same	
	religion	
xxiv.	What the difference in	
	now a Man worship God than a Woman	
	worship God?	
rru	What the difference in	
лл V.	Adam and Eve in	
	every Religion	
xxvi.	What the difference in	
	God saying you can't	
	serve two masters	

	when you have more than one religions xxvii. What is the Difference in Gods Laws and Man Laws? xxviii. What is the difference in What religious Book was written first?	
	a. What is America i. When America when founded What was our Nationality to God? What Religion?	
	<ul> <li>When Slavery was About What was our Religion in America</li> <li>What is the Afro-American Religion when he was first introduced as American</li> <li>What was the European American Religion when he was introduced to America</li> <li>What is American Now? What is our Language to God as a Religion?</li> </ul>	
JET BLUE AIRLINES	JET BLUE AIRLINES	N/a
	1. 66th Floor a. Airport	
	i. Regional Airports i. Regional Airports 1. Shuttle to and From by Helicopter 2. Ticketmaster Agent 3. Cheap Tickets Agent 4. Hertz Rental Car Agent 5. Enterprise Rental Car Agent 6. Budget Rental Car Agent 7. Travel Agents ii International Airport	

	<ol> <li>Shuttle to and From by Helicopter</li> <li>Ticketmaster Agent</li> <li>Cheap Tickets Agent</li> <li>Hertz Rental Car Agent</li> <li>Enterprise Rental Car Agent</li> <li>Budget Rental Car Agent</li> <li>Budget Rental Car Agent</li> <li>Budget Rental Car Agent</li> <li>Suites I. Suites</li> <li>Kings</li> <li>Queens</li> <li>Co-Pilots</li> <li>Suites</li> <li>Kings</li> <li>Queens</li> <li>Courtyard VIP Floor</li> <li>Suites</li> <li>Kings</li> <li>Queens</li> <li>Suites</li> <li>Kings</li> <li>Queens</li> <li>Suites</li> <li>Kings</li> <li>Queens</li> <li>Suites</li> <li>Kings</li> <li>Queens</li> </ol>	
AIR CANADA AIRLINES	AIR CANADA AIRLINES	N/a
	<ol> <li>69th Floor         <ul> <li>Courtyard Marriott VIP Floor                 <ul></ul></li></ul></li></ol>	
SOUTHWEST AIRLINES	SOUTHWEST AIRLINES 1. 71st Floor a. Courtyard Marriott VIP Floor i. Pilots & Co-Pilots 1. Suites	N/a

	2. Kings 3. Queens 2. 72nd Floor a. Courtyard Marriott VIP Floor i. Stewardess 1. Suites 2. Kings 3. Queens	
LUFTHANSA AIRLINES	LUFTHANSA AIRLINES 1. 73rd Floor a. Courtyard Marriott VIP Floor i. Pilots & Co-Pilots 1. Suites 2. Kings 3. Queens 2. 74th Floor a. Courtyard Marriott VIP Floor i. Stewardess 1. Suites 2. Kings 3. Queens	N/a
DELTA AIRLINES	DELTA AIRLINES 1. 75th Floor a. Courtyard Marriott VIP Floor i. Pilots & Co-Pilots l. Suites 2. Kings 3. Queens 2. 76th Floor a. Courtyard Marriott VIP Floor i. Stewardess l. Suites 2. Kings 3. Queens	DELTA AIRLINES 1. 11th Floor a. Courtyard Marriott VIP Floor i. Pilots ii. Co-Pilots iii. Stewardess 1. Suites 2. Kings 3. Queens
AMERICAN AIRLINES	AMERICAN AIRLINES 1. 78th Floor a. Courtyard Marriott VIP Floor i. Pilots & Co-Pilots 1. Suites 2. Kings 3. Queens 2. 79th Floor a. Courtyard Marriott VIP Floor i. Stewardess 1. Suites 2. Kings 3. Queens	AMERICAN AIRLINESSuites 4. Kings 5. Queens 1. 12th Floor a. Courtyard Marriott VIP Floor i. Pilots & Co-Pilots ii. Stewardess 1.

CONFERENCE ROOM	CONFERENCE ROOMS	CONFERENCE ROOMS	
CONFERENCE ROOM	CONFERENCE ROOMS	CONFERENCE ROOMS  1. 13th Floor a. Courtyard Marriott Conference Rooms i. Meeting Rooms ii. Conference Rooms	
	i. LUINA Laborers i. LUINA Laborers 1. Pipe Laying 2. Grading 3. Asphalt 4. Demolition 5. Road Safety 6. Tunnel & Boring 7. Marine		

	8. Building 9. Confined Space	
NIGHT CLUBS	NIGHT CLUBS	NIGHT CLUBS 1. 14th Floor a. House Music b. R & B c. Old School Hip Hop
RESTAURANTS	RESTAURANTS 1. 91st Floor a. Seafood Restaurants 2. 92nd Floor a. Kosher Restaurants 3. 93rd Floor a. Soul Food Restaurants 4. 94th Floor a. Halal Restaurants 5. 95th Floor	RESTAURANTS 1. 15th Floor a. Seafood b. Kosher c. Soul Food d. Halal e. Jamaican f. Chineses g. Japanese

	a. Jamaican Food Restaurants 6. 96th Floor a. Chinese Food Restaurants 7. 97th Floor a. Japanese Food Restaurants	
COURTYARD MARRIOTT	COURTYARD MARRIOTT KINGS SUITE KING QUEEN SUITE QUEEN MARRIAGE SUITE ENGAGEMENT SUITE 7 COUNTIES LOVE SUITE	COURTYARD MARRIOTT KINGS SUITE KING QUEEN SUITE QUEEN MARRIAGE SUITE ENGAGEMENT SUITE 7 COUNTIES LOVE SUITE