2	PECI	AL INSPECTION NOTES	
_	SPECIAL INS (IBC) CHAPT	PECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE ER 17, STATEMENT OF SPECIAL INSPECTIONS AND PROJECT SPECIFICATION REQUIREMENTS.	RESISTING SYS
	ALL SPECIAL	INSPECTORS SHALL BE UNDER THE SUPERVISION OF A REGISTERED STRUCTURAL THE STRUCTURAL ENGINEER OF RECORD AND JACOBS WILL NOT BE ACTING AS SPECIAL	1. SPECIAL INSPECTOR SHALL EXAMIN
	INSPECTOR	OR TESTING AGENCY FOR THE PROJECT.	CONSTRUCTION DOCUMENTS.
	STRUCTURA	L ENGINEER OF RECORD.	2. SPECIAL INSPECTIONS SHALL BE IN
	A. THE SPI APPROV NECESS	ECIAL INSPECTOR SHALL BE A QUALIFIED PERSON EMPLOYED OR RETAINED BY AN /ED AGENCY AND APPROVED BY THE BUILDING OFFICIAL AS HAVING THE COMPETENCE SARY TO INSPECT A PARTICULAR TYPE OF CONSTRUCTION REQUIRING SPECIAL INSPECTION.	RESISTING SYSTEMS REQUIRING SF DOES NOT INCLUDE AN EXHAUSTIVE
	B. THE API	PROVED AGENCY EMPLOYING THE SPECIAL INSPECTOR SHALL:	
	1. BE CO 2. PR	NTRACTOR. OVIDE ALL INFORMATION AS NECESSARY FOR THE BUILDING OFFICIAL TO DETERMINE THAT	LIST OF IDENTI
	TH TH	E AGENCY MEETS THE APPLICABLE REQUIREMENTS SPECIFIED IN IBC SECTIONS 1703.1.1 ROUGH 1703.1.3	VERTICAL SYSTEMS/ELEME CONCENTRIC BRACED FRAMES
	3. BE TH TH INT 4. HA PE	OBJECTIVE, COMPETENT AND INDEPENDENT FROM THE CONTRACTOR RESPONSIBLE FOR E WORK BEING INSPECTED. THE AGENCY SHALL DISCLOSE TO THE BUILDING OFFICIAL AND E REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE POSSIBLE CONFLICTS OF EREST SO THAT OBJECTIVITY CAN BE CONFIRMED. VE ADEQUATE EQUIPMENT TO PERFORM REQUIRED TESTS. THE EQUIPMENT SHALL BE RIODICALLY CAUBRATED.	STEEL MOMENT RESISTING FRAMES SHEAR WALL HOLD DOWNS HORIZONTAL SYSTEMS/FLEM
	5. SH EV	ALL EMPLOY EXPERIENCED PERSONNEL EDUCATED IN CONDUCTING, SUPERVISING AND ALUATING TESTS AND SPECIAL INSPECTIONS.	CONTINUOUS ROOF TIES COLLECTOR ELEMENTS
	A. CONCR CONCR	ETE AND PRESTRESSED CONCRETE INSPECTION - ICC CERTIFICATION IN REINFORCED ETE AND PRESTRESSED CONCRETE OR E.I.T. CERTIFICATION	METAL ROOF DECK & RELATED FASTE OUT OF PLANE WALL CONNECTIONS DIAPHRAGM CROSS ROD BRACING
	B. STRUCT	FURAL WELDING INSPECTION:	
	1. VIS CE 2. NO	SUAL TESTING - I.C.C CERTIFICATION IN STRUCTURAL STEEL AND WELDING OR A.W.S. RTIFIED WELD INSPECTOR (C.W.I.) N-DESTRUCTIVE TESTING - A.W.S. C.W.I.	
	C. HIGH ST D. POST-IN	RENGTH BOLTING INSPECTION - ICC CERTIFICATION IN STRUCTURAL STEEL AND WELDING.	
	1. ICC 2. AC 3. E.I.	C CERTIFICATION IN REINFORCED CONCRETE AND STRUCTURAL MASONRY I POST-INSTALLED CONCRETE ANCHOR INSTALLATION PROGRAM CERTIFICATION OR T. CERTIFICATION WITH 2 YEARS APPLICABLE EXPERIENCE.	SYSTEMS
	E. STRUCT CERTIFI	FURAL MASONRY INSPECTION - ICC STRUCTURAL CERTIFICATION IN MASONRY OR E.I.T. CATION.	1. THE SPECIAL INSPECTOR SHALL EXA QUALIFICATION IN ACCORDANCE W/
	F. SPECIA	L CASES - EXPERIENCE ACCEPTABLE TO THE ENGINEER OF RECORD.	SECTION 13.2.2 OF ASCE 7.
			2. CERTIFICATES OF COMPLIANCE IN A THE SPECIAL INSPECTOR FOR VERIF THE LIST BELOW.
	A. THE SPI	RMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.	A. THE SPECIAL INSPECTOR SHAL
	B. THE SPI BY THE RECORD	ECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO BE KEPT AT THE SITE FOR USE BUILDING OFFICIAL, THE CONTRACTOR, THE ENGINEER OF RECORD AND THE ARCHITECT OF D. INSPECTION REPORTS SHALL BE SUBMITTED TO THE OFFICE OF THE ENGINEER OF	JURISDICTION.
	ATTENT	D ON A WEEKLY BASIS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ION OF THE CONTRACTOR FOR CORRECTION, THEN IF UNCORRECTED, TO THE DESIGN RITY AND THE BUILDING OFFICIAL.	3. THE SPECIAL INSPECTOR SHALL REI SYSTEMS REQUIRING CERTIFICATE DOES NOT INCLUDE AN EXHAUSTIVE
	C. UPON C A FINAL CONFO WORKM	OMPLETION OF THE ASSIGNED WORK, THE SPECIAL INSPECTOR SHALL COMPLETE AND SIGN REPORT CERTIFYING THAT TO THE BEST OF HIS KNOWLEDGE, THE WORK IS IN RMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AND THE APPLICABLE IANSHIP PROVISIONS OF THE CODE.	ELECTRICAL DESIGNATED SEISMIC S A. EMERGENCY AND STANDBY PO FUEL TANKS, AND AUTOMATIC T B. SWITCHGEAR
	DUTIES OF R	ESPONSIBILITIES OF THE CONTRACTOR:	C. MOTOR CONTROL CENTERS D. TRANSFORMERS INCLUDING BL
	A. FOR ALI SEISMIC STATEM SUBMIT PRIOR T CONTAI THE ST	L CONSTRUCTION OF MAIN WIND- OR SEISMIC- FORCE-RESISTING SYSTEMS, DESIGNATED C SYSTEMS OR WIND- OR SEISMIC- FORCE-RESISTING COMPONENTS LISTED IN THE IENT OF SPECIAL INSPECTIONS, A WRITTEN STATEMENT OF RESPONSIBILITY SHALL BE TED TO THE BUILDING OFFICIAL AND THE OWNER OR THE OWNER'S AUTHORIZED AGENT TO THE COMMENCEMENT OF WORK. THE WRITTEN STATEMENT OF RESPONSIBILITY SHALL N ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN ATEMENT OF SPECIAL INSPECTIONS.	E. ELECTRICAL SUBSTATIONS F. UNINTERRUPTIBLE POWER SUF G. DISTRIBUTION PANELS, INCLUD H. CONTROL PANELS, INCLUDING REMOTE POWER SUPPLIES I. VARIABLE FREQUENCY DRIVES J. POWER DISTRIBUTION UNIT
	B. NOTIFY	THE RESPONSIBLE INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST ONE	K. COMPONENT XX
	C. ALL WO EXPOSE	RK REQUIRING SPECIAL STRUCTURAL INSPECTION SHALL REMAIN ACCESSIBLE AND ED UNTIL IT IS OBSERVED BY THE SPECIAL STRUCTURAL INSPECTOR AND WRITTEN	A. MECHANICAL COMPONENTS WI B. BUILT-UP OR FIELD ASSEMBLED C. AIR CONDITIONING UNITS
	ACCEPTANCE HAS BEEN PROVIDED BY A/E. REFERENCE THE STATEMENT OF SPECIAL INSPECTION REQUIREMENTS FOR THE PROJECT FOR A LIST OF MATERIALS AND WORK THAT IS SUBJECT TO SPECIAL INSPECTION OR TESTING, THE TYPE AND FREQUENCY OF INSPECTIONS AND WHETHER THE INSPECTIONS ARE CONTINUOUS OR PERIODIC.		D. AIR HANDLING UNITS E. CHILLERS USED IN HVAC SYSTE F. COOLING TOWERS DESIGNED A G. REMOTE RADIATORS H. INLINE AND CENTRIFUGAL FAN
	SUBMITTALS	TO THE AUTHORITY HAVING JURISDICTION (AHJ)	I. COMPONENT XX
-	A. SUBMIT THE FO	TALS TO THE AHJ SHALL BE IN ACCORDANCE WITH IBC SECTION 1704.5 AND SHALL INCLUDE	A. COMPONENT XX
Ĺ	SUBMITTAL REQUIRED	TYPE OF SUBMITTAL	4. xxx
	X	CERTIFICATES OF COMPLIANCE FOR THE FABRICATION OF STRUCTURAL, LOAD- BEARING OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES ON THE PREMISES OF AN APPROVED FABRICATOR IN ACCORDANCE WITH IBC SECTION 1704.2.5.1.	
	Х	CERTIFICATES OF COMPLIANCE FOR SEISMIC QUALIFICATION OF NON-STRUCTRAL COMPONENTS, SUPPORTS AND ATTACHMENTS IN ACCORDANCE WITH IBC SECTION 1705.14.2.	IDENTIFICATION
F	Х	CERTIFICATES OF COMPLIANCE FOR DESIGNATED SEISMIC SYSTEMS IN ACCORDANCE WITH IBC SECTION 1705.14.3.	COMPONENTS
	Х	REPORTS OF MATERIAL PROPERTIES VERIFYING COMPLIANCE WITH THE REQUIREMENTS OF AWS D1.4 FOR WELDABILITY AS SPECIFIED IN SECTION 26.6.4 OF ACI 318 FOR REINFORCING BARS IN CONCRETE COMPLYING WITH A STANDARD OTHER THAN ASTM A706 THAT ARE TO BE WELDED.	1. SPECIAL INSPECTOR SHALL EXAMIN ELEMENTS THAT ARE PART OF THE CONSTRUCTION DOCUMENTS.
L			2. SPECIAL INSPECTIONS SHALL BE IN A
	PROJECT QU	JALIFICATIONS FOR ADDITIONAL SPECIAL INSPECTIONS, TESTS, OR OBSERVATIONS.	COMPONENTS REQUIRING SPECIAL NOT INCLUDE AN EXHAUSTIVE LIST
	A. QUALIT FOLLOV	Y CONTROL SHALL BE IN ACCORDANCE WITH IBC SECTION 1704.5 AND SHALL INCLUDE THE VING:	{Project Engineer of Record to update table be
Γ	QUALITY	TYPE OF QUALITY CONTROL	LIST OF IDEN
	REQUIRED	SPECIAL INSPECTION AND TESTING FOR SEISMIC RESISTANCE PER IBC 1705 13 OR	COMPONENTS FASTENING OF ROOF COVERING SYST
	NR	1705.14 SPECIAL INSPECTION FOR WIND RESISTANCE PER IBC 1705.12	FASTENING OF ROOF DECK SYSTEM
╞	NR	STRUCTURAL OBSERVATION PER IBC 1704.6.1 (SEE STRUCTURAL OBSERVATION	FASTENING OF EXTERIOR WALL COVER
L	X = REC	QUIRED; NR = NOT REQUIRED	WALL CONNECTIONS TO ROOF AND FL
			DIAPHRAGMS AND FRAMING

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ION OF SEISMIC FORCE-YSTEMS

XAMINE EACH SEISMIC FORCE-RESISTING SYSTEM AND THE ASSOCIATED F THE ENTIRE STRUCTURAL SYSTEM THAT HAS BEEN PRESENTED IN THE

BE IN ACCORDANCE WITH STATEMENT OF SPECIAL INSPECTION NOTES. LL REFERENCE THE FOLLOWING LIST OF IDENTIFIED SEISMIC FORCE-NG SPECIAL INSPECTION. NOTE THAT THE LIST IS REPRESENTATIVE AND USTIVE LIST OF REQUIRED SYSTEMS.

able below, as needed. Example systems, elements and notes given for reference.}

DENTIFIED SEISMIC FORCE-RESISTING SYSTEMS

NTS	NOTES	
	AS PER, ORIENTATION VARIES FROM ONE SPAC	
	AS PER, ORIENTATION VARIES FROM ONE SPACE TO ANOTHER	
	IDENTIFIED ON PLAN & IN DETAIL SHEET X.XX	
IENTS	NOTES	
	SEE KEY NOTES ON ROOF PLAN	
	IDENTIFIED ON PLAN WITH KEY NOTES	
NING SYSTEM	SEE ROOF PLAN	
	SEE STRUCTURAL DETAILS XX & XX	
	SEE ROOF PLAN FOR LOCATIONS	

ION OF DESIGNATED SEISMIC

LL EXAMINE DESIGNATED SEISMIC SYSTEMS REQUIRING SEISMIC CE WITH STATEMENT OF SPECIAL INSPECTION NOTES S000-001-1340 AND

E IN ACCORDANCE WITH ASCE 7 SECTION 13.2.2 SHALL BE PROVIDED TO VERIFICATION FOR EACH DESIGNATED SEISMIC SYSTEMS IDENTIFIED IN

SHALL VERIFY THAT THE PROVIDED CERTIFICATES OF COMPLIANCE ARE IN DOCUMENTATION SUBMITTED FOR APPROVAL TO THE AUTHORITY HAVING

LL REFERENCE THE FOLLOWING LIST OF IDENTIFIED DESIGNATED SEISMIC CATE OF COMPLIANCE. NOTE THAT THE LIST IS REPRESENTATIVE AND USTIVE LIST OF REQUIRED SYSTEMS.

SMIC SYSTEMS (EXCLUDES WIRING) DBY POWER SYSTEMS EQUIPMENT INCLUDING GENERATORS, TURBINES, MATIC TRANSFER SWITCHES

NG BUSWAYS R SUPPLY (UPS), ASSOCIATED BATTERIES AND INVERTERS ICLUDING ELECTRICAL PANEL BOARDS IDING FIRE ALARM, FIRE SUPPRESSION, PREACTION, AND AUXILIARY OR

GNATED SEISMIC SYSTEMS (EXCLUDES PIPING AND DUCTS) ITS WITH HAZARDOUS CONTENTS INCLUDING TANKS AND VESSELS MBLED MECHANICAL EQUIPMENT INCLUDING STORAGE TANKS

SYSTEM SNED AS COMPONENTS

SYSTEMS REQUIRING A CERTIFICATE OF COMPLIANCE

IDENTIFICATION OF MAIN WINDFORCE-RESISTING SYSTEMS

SPECIAL INSPECTOR SHALL EXAMINE EACH MAIN WINDFORCE-RESISTING SYSTEM AND THE ASSOCIATED ELEMENTS THAT ARE PART OF THE ENTIRE STRUCTURAL SYSTEM THAT HAS BEEN PRESENTED IN THE CONSTRUCTION DOCUMENTS.

SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH STATEMENT OF SPECIAL INSPECTION NOTES.

THE SPECIAL INSPECTOR SHALL REFERENCE THE FOLLOWING LIST OF IDENTIFIED MAIN WINDFORCE-RESISTING SYSTEMS REQUIRING SPECIAL INSPECTION. NOTE THAT THE LIST IS REPRESENTATIVE AND DOES NOT INCLUDE AN EXHAUSTIVE LIST OF REQUIRED SYSTEMS.

LIST OF IDENTIFIED MAIN WINDFORCE-RESISTING SYSTEMS		
VERTICAL SYSTEMS/ELEMENTS	NOTES	
CONCENTRIC BRACED FRAMES	AS PER, ORIENTATION VARIES FROM ONE SPAC.	
MOMENT RESISTING FRAMES	AS PER, ORIENTATION VARIES FROM ONE SPACE TO ANOTHER	
SHEAR WALL HOLD DOWNS	IDENTIFIED ON PLAN & IN DETAIL SHEET X.XX	

LIST OF IDENTIFIED MAIN WINDFORCE-RESISTING SYSTEMS				
HORIZONTAL SYSTEMS/ELEMENTS	NOTES			
CONTINUOUS ROOF TIES	SEE KEY NOTES ON ROOF PLAN			
COLLECTOR ELEMENTS	IDENTIFIED ON PLAN WITH KEY NOTES			
METAL ROOF DECK & RELATED FASTENING SYSTEM	SEE ROOF PLAN			
OUT OF PLANE WALL CONNECTIONS	SEE STRUCTURAL DETAILS XX & XX			
DIAPHRAGM CROSS ROD BRACING	SEE ROOF PLAN FOR LOCATIONS			

STRUCTURAL OBSERVATION NOTES

STRUCTURAL OBSERVATION SHALL BE IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE (IBC) SECTION 1704.6 TOGETHER WITH LOCAL AMENDMENTS REQUIRED BY THE JURISDICTION.

- STRUCTURAL OBSERVER SHALL BE EMPLOYED BY THE OWNER OR THE OWNER'S AUTHORIZED AGENT, SHALL BE A REGISTERED DESIGN PROFESSIONAL LICENSED IN THE STATE OF THE PROJECT AND SHALL HAVE DESIGN EXPERIENCE FOR THE SYSTEMS UNDER OBSERVATION. THE STRUCTURAL OBSERVER FOR THE PROJECT SHALL BE {PROJECT ENGINEER OF RECORD EMPLOYED BY THE OWNER OR OWNER'S AGENT or OTHER REGISTERED DESIGN PROFESSIONAL EMPLOYED BY THE OWNER OR OWNER'S AGENT}.
- STRUCTURAL OBSERVATION SHALL BE PERFORMED BY THE STRUCTURAL OBSERVER AND SHALL VERIFY THE STRUCTURAL SYSTEMS, DETAILS AND LOAD PATHS ARE CONSTRUCTED IN GENERAL CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS THROUGH VISUAL OBSERVATION OF REPRESENTATIVE LOCATIONS.
- ON-SITE STRUCTURAL OBSERVATION WILL BE PERFORMED AT LEAST ONCE A MONTH, PLUS AT COMPLETION, FOR EACH IDENTIFIED SEISMIC FORCE RESISTING SYSTEM, INCLUDING FOUNDATIONS AND CONNECTIONS.
- STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR ANY REQUIRED SPECIAL INSPECTIONS OR INSPECTIONS BY THE BUILDING OFFICIAL.
- STRUCTURAL OBSERVATION REPORTS, NOTING ANY DEFICIENCIES, SHALL BE PREPARED BY THE STRUCTURAL OBSERVER AND DELIVERED TO THE CONTRACTOR, BUILDING OFFICIAL, AND OWNER WITHIN ONE WEEK OF THE OBSERVATION. THE CONTRACTOR SHALL BE NOTIFIED ON SITE BY PHONE WITHIN 24 HOURS UPON FINDING DEFICIENCIES.
- AT THE CONCLUSION OF CONSTRUCTION, A WRITTEN STATEMENT SHALL BE SUBMITTED BY THE STRUCTURAL OBSERVER VERIFYING THAT THE STRUCTURAL OBSERVATION SITE VISITS WERE MADE AND WHETHER THERE REMAIN ANY STRUCTURAL DEFICIENCIES THAT HAVE NOT BEEN RESOLVED.
- STRUCTURAL OBSERVATION SHALL INCLUDE VISUAL OBSERVATION OF THE STRUCTURAL SYSTEM AT SIGNIFICANT CONSTRUCTION STAGES AND AT COMPLETION OF THE STRUCTURAL SYSTEM FOR EACH STRUCTURE CONTAINED IN THE WORK. THE CONTRACTOR SHALL SCHEDULE AND FACILITATE STRUCTURAL OBSERVATION INCLUDING THE FOLLOWING:
- A. LATERAL FORCE RESISTING SYSTEM CONNECTION EMBEDS, INCLUDING COLUMN ANCHOR RODS, PRIOR TO CONCRETE PLACEMENT.
- B. CONCRETE WALL TO FLOOR AND ROOF CONNECTIONS PRIOR TO FORM CLOSURE OR CLADDING INSTALLATION OR OTHER COVER.
- C. LATERAL FORCE RESISTING SYSTEM STEEL COLUMNS AND FRAMING INCLUDING COLLECTORS AND BRACES.
- D. STEEL COLLECTOR, BRACING, AND MOMENT RESISTING BEAM-COLUMN CONNECTIONS PRIOR TO COVER.
- E. ALL OTHER WALL ANCHORAGE CONNECTIONS FOR MATERIALS NOT SPECIFICALLY IDENTIFIED.

ON OF WIND-RESISTING

XAMINE EACH WIND-RESISTING COMPONENTS AND THE ASSOCIATED F THE ENTIRE STRUCTURAL SYSTEM THAT HAS BEEN PRESENTED IN THE

BE IN ACCORDANCE WITH STATEMENT OF SPECIAL INSPECTION NOTES. LL REFERENCE THE FOLLOWING LIST OF IDENTIFIED WIND-RESISTING ECIAL INSPECTION. NOTE THAT THE LIST IS REPRESENTATIVE AND DOES LIST OF REQUIRED COMPONENTS.

able below, as needed. Example systems, elements and notes given for reference.}

IDENTIFIED WIND-RESISTING COMPONENTS						
3	NOTES					
SYSTEM	ROOF LEVEL FRAMING SHEET X.XX					
ГЕМ	ROOF LEVEL FRAMING SHEET X.XX					
	ROOF LEVEL FRAMING SHEET X.XX					
COVERING SYSTEM	EXTERIOR WALL ELEVATION SHEET X.XX AND EXTERIOR WALL SECTION SHEET X.XX					
ND FLOOR	EXTERIOR WALL ELEVATION SHEET X.XX AND EXTERIOR WALL SECTION SHEET X.XX					

	5	6
		GENERAL SHEET NOTES
1		
		LEGEND
		DEMOLITION KEYNOTES
		KEY PLAN
		GRAPHIC SCALE(S)
		10' 24' 49' 00'
		1/32" = 1'-0" 96'
		1



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