	123_		4
1.	BUILDING CODE: A. INTERNATIONAL BUILDING CODE – 2009 EDITION	FOUNDATIONS: 1. THE SITE S	HALL BE PREPARED
2.	B. ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES MINIMUM LOADING REQUIREMENTS:	ENGINEERII CAPACITIES BEARING C	NG, INC., DATED JU S DESCRIBED IN REF APACITY OF 3,000 PS
	A. <u>ROOF SNOW LOADS</u> : <u>LOADS</u> : (EXCEPT AT DRIFTING SNOW LOCATIONS AND THOSE LISTED BELOW) a. GROUND SNOW LOAD: P _G = 60.0 PSF i. IMPORTANCE FACTOR: I = 1.0	2. FOOTINGS COMPACTIC	SHALL BEAR ON DN AS DETERMINED
	ii. COLD ROOF SLOPE FACTOR: $C_s = 1.0$ iii. THERMAL FACTOR: $C_T = 1.1$ iv. EXPOSURE FACTOR: $C_E = 1.0$	3. FOOTING B	OVE, FOR STRUCTUR
	v. TERRAIN CATEGORY: C b. FLAT ROOF SNOW LOAD: $P_F = 46.2$ PSF		NED BEARING PRES
	B. <u>ROOF DEAD LOAD</u> : 22.0 PSF	THE RECOM	
	C. <u>ROOF LIVE LOAD:</u> a. STANDARD ROOF LIVE LOAD: 20 PSF		DLTS
	D. <u>FLOOR LIVE LOADS</u> : <u>UNIFORM</u> <u>CONCENTRATED</u> <u>PARTITION</u>	REQUIREME THE PROJE	ENTS. BRACED EXC CT STATE. DO NOT
	E. <u>WIND:</u>	7. INTERSECT SPACED AT	ING CONCRETE WA 12-INCHES ON-CEN
	a. FACTORS: i. BASIC WIND SPEED: 100 MPH ii. EXPOSURE CATEGORY: "C" iii. IMPORTANCE FACTOR: 1.0	8. IN NO CASE CONTRACT SHALL BE S TO WITHST.	SHALL HEAVY EQUI OR DEEMS IT NECE OLELY RESPONSIBL
	F. <u>SEISMIC</u>	9. FOUNDATIC	N WALL CONTROL
	a. COEFFICIENTS: i. RESPONSE SPECTRAL ACC. (0.2 SEC.) S _S = 0.32G ii. RESPONSE SPECTRAL ACC. (1.0 SEC.) S ₁ = 0.08G	10. CONCRETE 11. UNDERDRA	SHALL NOT BE PLAC
	iii. SOIL CLASSIFICATION: D iv. SITE COEFFICIENTS: $F_A = 1.60$; $F_V = 2.40$ v. MAX. CONSIDERED EARTHQUAKE ACC @ 5% DAMPED DESIGN: $S_{DS} = 0.33$; $S_{D1} = 0.12$	POSITIVELY FOR ADDITI	Ó DRAIN TO A SUITAE ONAL INFORMATION
	vi. RISK CATEGORY: II vii. SEISMIC DESIGN CATEGORY FOR 0.1 AND 1.0 SECONDS: B viii. FUNDAMENTAL PERIOD T _A = 0.318 SEC	<u>CONCRETE</u> : 1. CONCRETE	WORK SHALL CON
	ix. SEISMIC RESPONSE COEFFICIENT Cs = 0.109 x. SEISMIC BASE SHEAR: V=40.1 KIPS (EQUIVALENT LATERAL FORCE PROCEDURE)	ACI 318 "BL AND CRSI "M	JILDING CODE REQI MANUAL OF STANDA
	b. DESIGN COEFFICIENTS AND FACTORS FOR SEISMIC FORCE RESISTING SYSTEMS	2. CONTRACT PLACE UNT	OR SHALL PROVIDE
	i. STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE a. RESPONSE MODIFICATION R = 3 b SYSTEM OVERSTRENGTH FACTOR Oc = 3	3. CONCRETE a. FOC 0.49	SHALL BE: DTING AND FOUNDA 3).
	c. DEFLECTION AMPLIFICATION FACTOR $C_D = 3$	b. INT (W/ c. EXT NO	ERIOR SLABS-ON-GF C = 0.49). FERIOR SLABS ON G T EXCEED 3-INCHES
<u>PE</u>	<u>CIAL INSPECTIONS</u> SPECIAL INSPECTIONS: AN INDEPENDENT INSPECTIONS PROGRAM AND SCHEDULE SHALL BE ARRANGED BY THE BUILDING OWNER AND THE STRUCTURAL ENGINEER OF RECORD.	4. CONCRETE a. PO	MATERIALS: RTLAND CEMENT: A
	A QUALIFIED PERSON APPROVED BY THE BUILDING OFFICIALS SHALL MAKE SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE IBC-2009, AND AS DEFINED. SPECIAL INSPECTOR SHALL	b. NOI AG(CAI	KMAL WEIGHT AGGE GREGATE CONTAIN N CAUSE STAINS ON
	OBSERVE WORK FOR CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS. INSPECTION REPORTS SHALL BE FURNISHED TO THE OWNER, BUILDING OFFICIAL, ARCHITECT AND SER.	c. LIG d. WA e. AIR f. HIG	HIWEIGHI AGGREG TER: POTABLE -ENTRAINING ADMI>
	DISCREPENCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR AND IF NOT CORRECTED, SHALL BE REPORTED TO THE OWNER, BUILDNG OFFICIAL, ARCHITECT AND SER.	I. FIG COI g. NO	NTAINING NOT MOR RMAL RANGE WAT
ŀ.	THE FOLLOWING TYPES OF WORK SHALL RECEIVE SPECIAL INSPECTION OVERSITE: INSTALLATION OF REINFORCING STEEL FOR CONCRETE, ALL CONCRETE PLACEMENT AND STRENGTH TESTING, AND STRUCTURAL FILL PLACEMENT.	h. ACC 5. PROVIDE P'	CELERATING ADMIX
		6. REINFORCII FABRICATE	NG BARS SHALL CO
		7. COMPLETE CONTRACT	SHOP DRAWINGS A
		OF THE WO 8. CONSTRUC	RK. ACCESSORIES TION JOINTS FOR S
		AT JOINT. 9. FLOOR SLA	B CONTROL JOINTS
		EXCEED 20 THE PROJE	EER (ELEVATED SLA '-0" ON-CENTER IN E CT.
		10. CONTRACT OF SLEEVE	OR SHALL CHECK V S, BOND-OUTS, ETC
D1 STRUCTURAL NOTES		11. THE CONTF DRAIN DEVI	RACTOR SHALL BE ELOPMENT. SEE AR
		12. WELDING O	
	WORK SHALL BE DONE IN COMPLIANCE WITH THE LATEST EDITION OF IBC-2009.	14. MECHANIC	AL EQUIPMENT RES
	STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL AND CIVIL DRAWINGS. ANY INCONSISTENCIES WITH THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH THE AFFECTED PORTIONS OF THE WORK.	WITH #3 BA	RS AT 18-INCHES ON
	THE CONTRACTOR SHALL VISIT THE SITE AT A DESIGNATED TIME APPROVED BY THE OWNER, TO VERIFY EXISTING CONDITIONS, DIMENSIONS, LOCATION OF EXISTING UTILITIES, ETC. THE CONTRACTOR SHALL	16. ADMIXTURE	
	NOTIFY ENGINEER OF ANY DISCREPANCIES WITHOUT EXCEPTION. THE FOUNDATION STRUCTURE HAS BEEN DESIGNED AS A SELF-SUPPORTING SYSTEM ONCE ALL WORK		SLABS ON GRADE
	CONTAINED ON THESE DRAWINGS HAS BEEN COMPLETED. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ERECTION PROCEDURES AND SEQUENCE OF INSTALLATION TO ENSURE SAFETY OF THE BUILDING AND IT'S OCCUPANTS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS	18. REFER TO /	ACI 318 (LATEST EDI
	AND METHODS AND TEMPORARY SHORING, PRECAUTIONS DURING BUILDING OPERATIONS, PROTECTION OF PUBLIC AND WORKERS, REMOVAL OF WASTE MATERIAL, PROTECTION OF ADJACENT PROPERTY, PROTECTION OF HAZARDOUS OPENINGS, SAFETY PRECAUTIONS, AND SANITARY PROVISIONS OF	19. UNLESS O FOLLOWING	THERWISE NOTED, 6 LAP LENGTHS:
	EMPLOYEES AND SUBCONTRACTORS AS REQUIRED FOR THE DURATION OF THE CONTRACT. WORK SHALL BE DONE IN AN ORDERLY AND PROFESSIONAL MANNER. THE GENERAL CONTRACTOR IS DESPONSIBLE FOR COORDINATING ALL WORK TO BE DONE BY CURPONITRACTORS. LOCAL AUTOCOURSES	20. 2.5.5.5	BAR SIZE LAP IN.)
	RESPONSIBLE FOR COORDINATING ALL WORK TO BE DONE BY SUBCONTRACTORS, LOCAL AUTHORITIES, STATE AGENCIES AND/OR UTILITY COMPANIES WHICH MAY HAVE JURISDICTION OVER THIS PROJECT.	20. COORDINAT DRAWINGS.	NESSES INDICATE
	AS INDICATED ON THE DRAWINGS.	ACCOUNT FOR STRUCTURE DE SLAB ELEVATIONS AT THE FLAT	
	CONTRACTOR SHALL REVIEW AND SUBMIT COMPLETE SHOP DRAWINGS FOR ALL SPECIFIED PARTS OF THE WORK, INCLUDING SHORING AND CONSTRUCTION METHODS/SEQUENCING WHERE APPLICABLE. NO PORTION OF THE WORK COVERED BY THESE SHOP DRAWINGS SHALL COMMENCE UNTIL RETURNED	22. DRILLED-IN	
	APPROVED SHOPS ARE RECEIVED BY THE CONTRACTOR. SEE STRUCTURAL NOTES FOR SPECIFIC SHOP SUBMITTAL REQUIREMENTS.	DEPTH DEPTH	
	THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY EXISTING ITEMS DAMAGED BY NEW CONSTRUCTION, AND FOR ANY INCIDENTAL REPAIRS OF EXISTING FINISHED SURFACES DISTURBED BY NEW CONSTRUCTION; SUCH REPAIRS SHALL MATCH EXISTING TO THE OWNER'S SATISFACTION.	ROCK CUTTING CHISELS A LENGTHS MAY NEED TO BE	
	THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING, HANDLING, AND STORAGE OF ITEMS/MATERIALS TO REMAIN THE PROPERTY OF THE OWNER WITH THE OWNER'S REPRESENTATIVE.		
			ACTURER'S RECOM T HY-150 ADHESIVE.
	A1 GENERAL NOTES	A4	CONCRF1
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