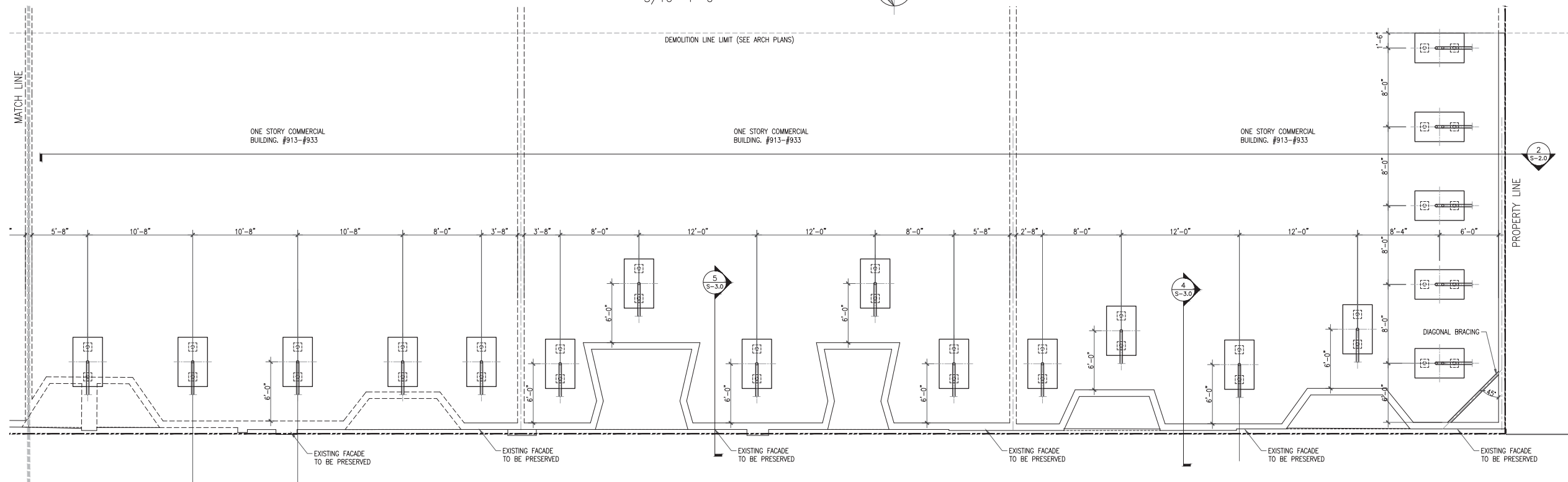


## FIRST FLOOR PLAN

3/16"=1'-0"



## FIRST FLOOR PLAN

3/16"=1'-0"



### GENERAL NOTES

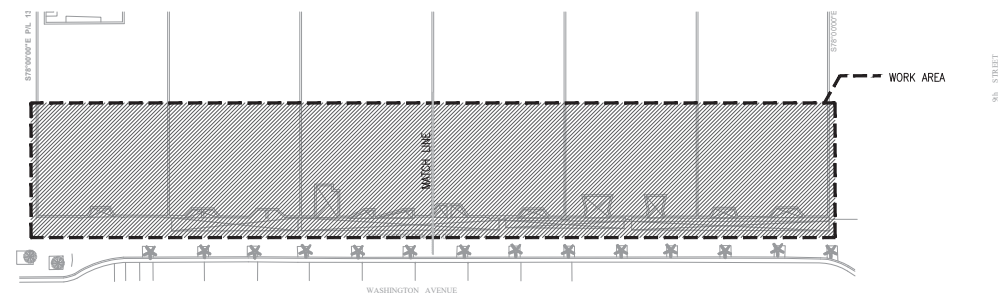
ALL CHANGES IN THE DRAWING LAYOUT AND SPECIFICATIONS MUST BE APPROVED BY THE ENGINEER.

THESE DRAWINGS HAVE BEEN PREPARED BASED ON INFORMATION FURNISHED BY THE CONTRACTOR.

THE APPLICABLE RECOMMENDED PRACTICES OF THE SHORING AND FORMING INSTITUTE, INC. AND OSHA SHALL BE FOLLOWED.

ALL EQUIPMENT MUST BE ERECTED PLUMB AND LEVEL.

IT IS THE CONTRACTOR'S RESPONSIBILITY FOR SAFETY REQUIREMENTS DURING ERECTION, USE AND DISMANTLING OF ASSEMBLY.



## KEY PLAN

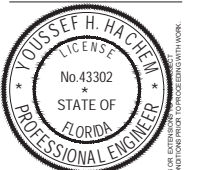
N.T.S.



**HCE**

YOUSSEF HACHEM  
CONSULTING ENGINEERING, INC.  
CA 28553

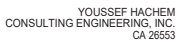
99 NW 27TH AVE  
MIAMI, FL 33125  
(786) 287-9120  
(305) 969-9453  
www.yhengengineering.com



YOUSSEF HACHEM, Ph.D., P.E.  
No. 43302

**MOXY HOTEL**  
915 WASHINGTON AVENUE  
MIAMI BEACH, FLORIDA, 33139

DATE	REVISION
DWG. TITLE	
SCALE	AS SHOWN
BY	CHK'D
CQ	YHH
PROJECT NO.	H161260
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SHEET NUMBER	S-1.0



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SECTION 2/S-1.0

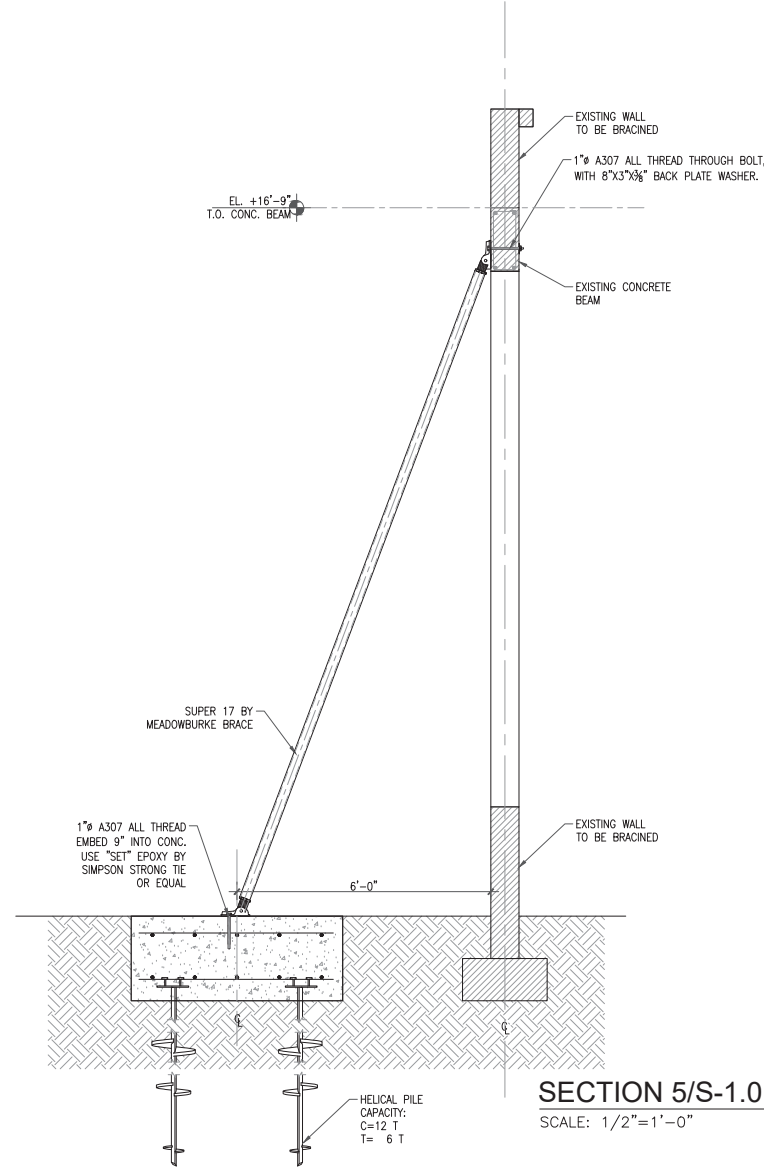
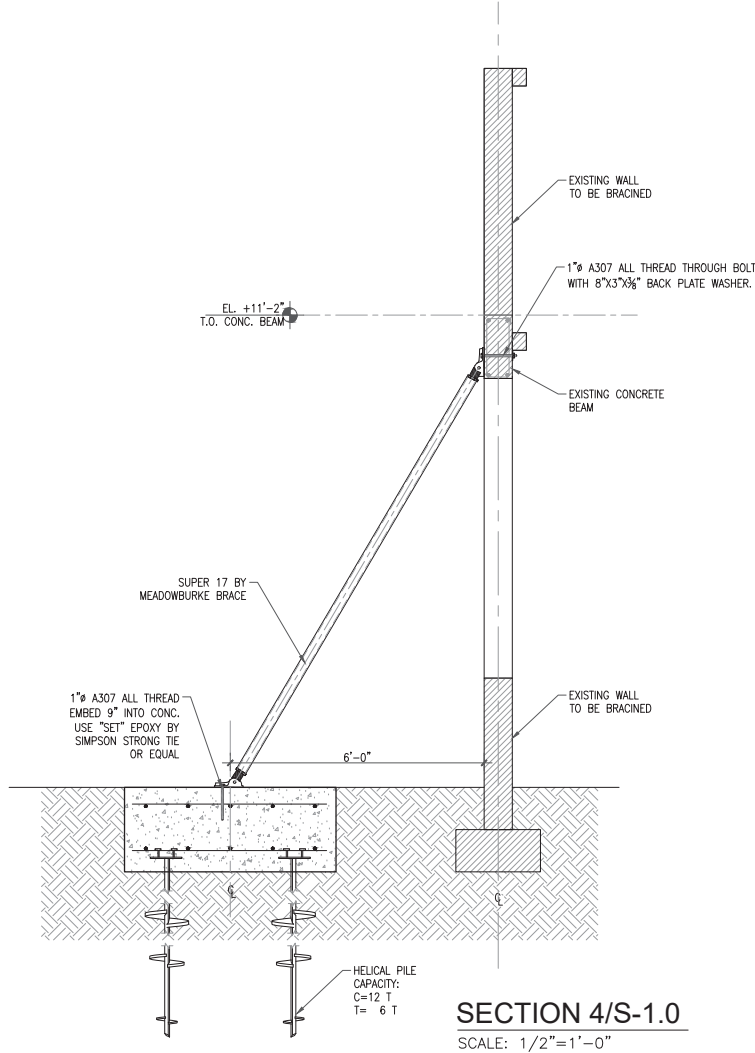
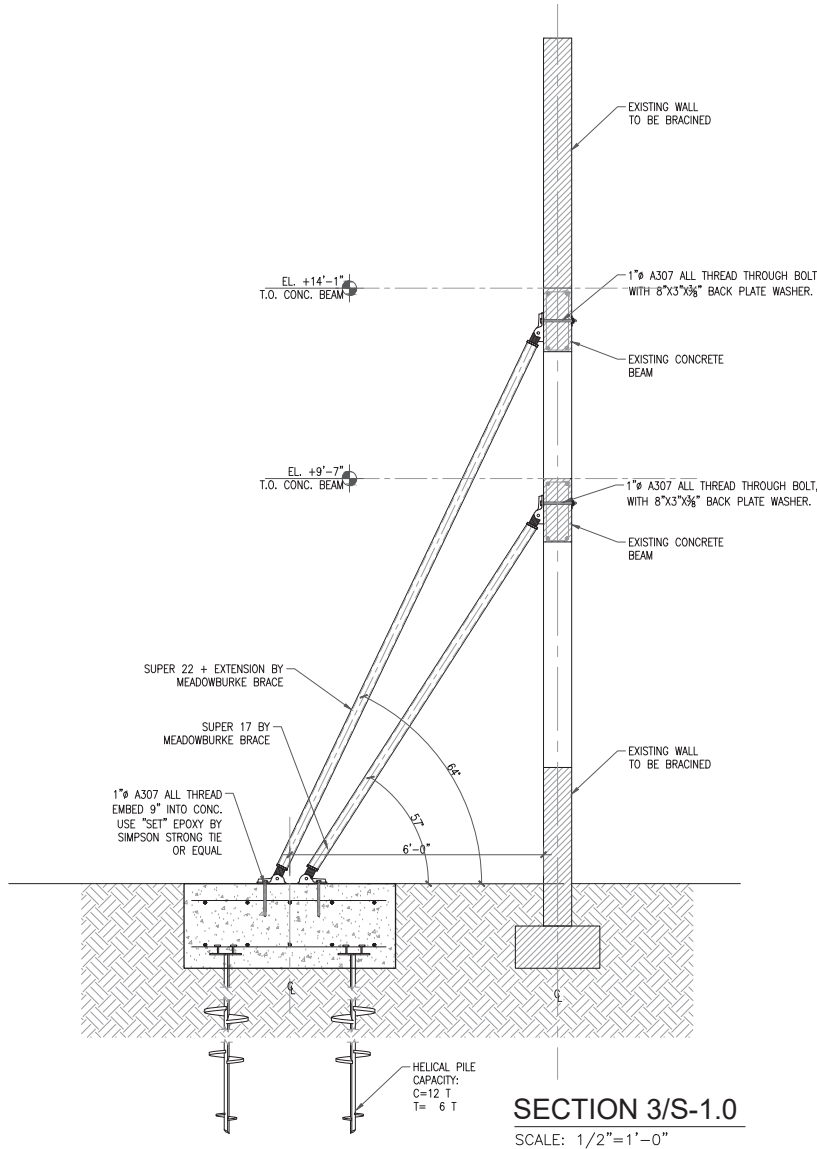
SCALE: 3/16"=1'-0"



## SECTION 1/S-1.0

SCALE: 3/16"=1'-0"

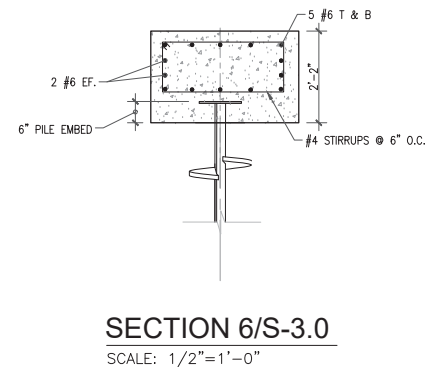
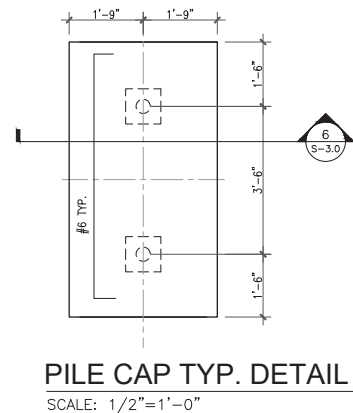
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S-2.0			



## CONCRETE:

- CONCRETE DESIGN AND REINFORCEMENT IN ACCORDANCE WITH "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (A.C.I. 318-LATEST EDITION) AND WITH "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" (A.C.I. 315-LATEST EDITION).
- ALL CONCRETE WORK IN ACCORDANCE WITH "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDING" (ACI 301). PRODUCTION OF CONCRETE, DELIVERY, PLACING AND CURING TO BE IN ACCORDANCE WITH "HOT WEATHER CONCRETING" (A.C.I. 305R-99).
- CONCRETE COVER:  
TO BE AS FOLLOWS:  

	BOTTOM	TOP	SIDES	FOOTING/PILES
CAPS	3"	2"	2"	2"
BEAMS	1 1/2"	1 1/2"	1 1/2"	1 1/2"
COLUMNS	---	---	---	1 1/2"
SLABS	3/4"	3/4"	3/4"	1"
WALLS	---	---	---	1 1/2"
- NO ADMIXTURES PERMITTED WITHOUT THE REVIEW OF ARCHITECT / ENGINEER.
- FOR ALL CONCRETE TO BE PLACED IN SLABS (INCLUDING SLABS ON GRADE), THE SLUMP SHALL NOT EXCEED 4"; NO WAIVERS OF THIS REQUIREMENT SHALL BE CONSIDERED. SLUMP FOR OTHER CONCRETE SHALL NOT EXCEED 5".
- CONCRETE TO BE REGULAR WEIGHT WITH A DESIGN STRENGTH ACHIEVED AT 28 DAYS AS FOLLOWS:  
 A. COLUMNS & FOOTINGS:  $f'_c = 3,000$  PSI  
 B. BEAMS:  $f'_c = 5,000$  PSI (U.C.I.N.) W/ W/C OF 0.4 MAX.
- TAKE ONE SET OF 5 CYLINDERS FOR EVERY FIFTY CUBIC YARDS OR FRACTION THEREOF FOR EACH CLASS OF CONCRETE POURED EACH DAY. FOLLOW ASTM STANDARDS FOR SAMPLING AND TESTING. TEST ONE CYLINDER AT 3 DAYS AND 7 DAYS AND 3 AT 28 DAYS. IF ONE OF THE TWO 28 DAYS TESTS FALLS BELOW SPECIFIED STRENGTH, TEST THE THIRD CYLINDER AT 56 DAYS. TAKE ONE SLUMP TEST (ASTM C143) FOR EACH SET OF TEST CYLINDERS CAST.
- NO CONCRETE TEST WILL BE ACCEPTED IF CONCRETE IS TAMPERED WITH IN ANY WAY AFTER SAID TEST IS PERFORMED. REPEAT TEST IF WATER IS ADDED AFTER INITIAL SAMPLING.
- IF CONCRETE IS PUMPED, SLUMP MAY BE INCREASED TO 6" AT THE TRUCK, PROVIDED THE SLUMP SPECIFIED IN NOTE 4 IS MAINTAINED AT THE DISCHARGE END. USE A MINIMUM 4-INCH PUMP. TAKE CONCRETE SAMPLES FOR SLUMP AT TRUCK AND AT DISCHARGE END AND FOR CYLINDER TESTING AT DISCHARGE END.
- CONTRACTOR IS RESPONSIBLE FOR THE ADEQUACY OF FORMS AND SHORING AND FOR SAFE PRACTICE IN THEIR USE AND REMOVAL. CONTRACTOR SHALL DESIGN AND ERECT FORMWORK IN STRICT COMPLIANCE WITH ACI 308-LATEST EDITION. SUBMIT SIGNED & SEALED SHOP DWGS. CONTRACTOR SHALL COORDINATE ALL OPENINGS AS REQUIRED FOR OTHER TRADES. OPENINGS WHERE SHOWN ON THE STRUCTURAL DRAWINGS ARE TO IDENTIFY DESIGN INTENT ONLY. THE SPECIFIC DIMENSIONS AND LOCATIONS SHALL BE FURNISHED OR CONFIRMED BY THE TRADE REQUIRING THE OPENING. PROVIDE CHAMFERS AT ALL CORNERS IN CONCRETE MEMBERS EXPOSED TO VIEW. FORMWORK TO REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED ENOUGH STRENGTH TO SUPPORT ALL DEAD LOADS PLUS A MINIMUM OF 50 PSF OF ADDITIONAL CONSTRUCTION LOAD.
- SPECIFIED EXPANSION BOLTS SHALL BE OF THE SIZE INDICATED AND OF THE MAXIMUM EMBEDMENT LENGTH INTO THE CONCRETE. LEAD SHIELDS ARE NOT ACCEPTABLE. EXPANSION BOLTS SHALL NOT BE SUBSTITUTED FOR SPECIFIED ANCHOR BOLTS WITHOUT THE ENGINEER'S APPROVAL.



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