

-1 DEGREE MAX.

PER FLOOR SEE TABLE

Q AT PLUMB OF ANCHOR

—1 DEGREE MAX.

PER FLOOR SEE TABLE

- G AT PLUMB OF ANCHOR

- ANCHOR BOLT AS

**SPECIFIED** 

STRONG-ROD-

ISOLATOR NUT & PLATE-

OFFSET

1.625"

1.875"

ALLOWABLE ROD OFFSET

A 1 DEGREE MAXIMUM OFFSET OF

THE ROD IS PERMITTED AT EACH

4'-4" (BRIDGE BLOCK) 0.875"

ALLOWABLE HORIZONTAL OFFSET

9'-0"

10'-0" AND GREATER

PLATE HEIGHT

COUPLER—

ATS-PLATE

ATS-BEARING

ATS-ATUD5

ATS-ATUD9

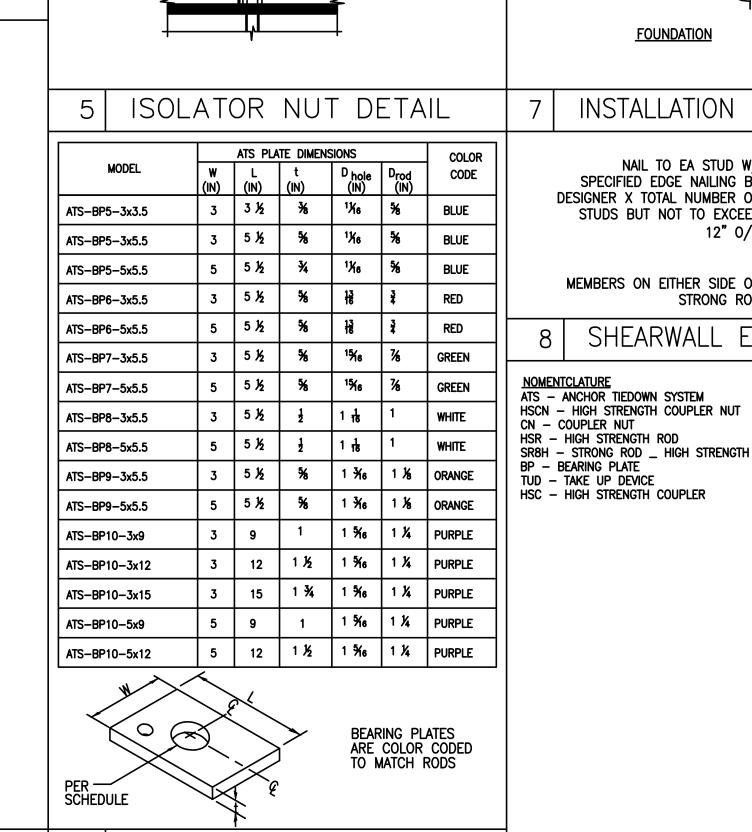
ATS-TUD9

ATS-ATUD9-2

ATS-TUD10 1 1/4

WASHER -

PLATE -



BEARING PLATES

NOTE: NO SPLICE IN TOP PLATE IS PERMITTED WITHIN 8" OF ATS—SR	ANCHOR BOLT LAYOUT		
1/4" RECOMMENDED  NOTE: USE HEAVY HEX NUT IF CTUD NOT AT LEVEL BELOW  ATS BEARING PLATE  TOP PLATES  BOLT HOLE OVERSIZED  1/4" RECOMMENDED  ATS—SR	POST SIZE	"a" W/ 6" SPACING BETWEEN STUDS	"a" W/ 9" SPACING BETWEEN STUDS
	2x4 or 2x6	4 1/2"	6"
	3x4 or 3x6	5 1/2"	7"
	2-2x4 or 2-2x6	6"	7 1/2"
	2-3x4 or 2-3x6	8"	9 1/2"
	4x6 or 6x6	8 1/2"	10"
	4x8	10 1/4"	11 3/4"
	6x8	10 1/2"	12"
	4x10	12 1/4"	13 3/4"
COMPRESSION MEMBERS	6x10	12 1/2"	14"
TOP LEVEL  ATS-SR	2. LOCATE ANCHOR BOLT W 3. WHEN SHEARWALLS MEET	COMPRESSION MEMBERS DO NOT INCLUDE TRIMMERS. LOCATE ANCHOR BOLT W/ NARROWEST COMPRESSION MEMBER. WHEN SHEARWALLS MEET IN A CORNER AND SHARE A COMMON CORNER POST, THE SHALL BE THE LARGER OF THAT SPECIFIED FOR EACH INDIVIDUAL SHEARWALL.	
COMPRESSION MEMBERS  ATS-TUD OR ATUD	SEE E	ELEVATIONS (TYP)	- COMPRESSION ,

-SOLID BLOCKING CONTINUOUS

BETWEEN OUTSIDE EDGES OF

NOTE: ALTERNATE BLOCKING

ROD W/ 3" MAX SPACING

-BOLT HOLE: OVERSIZED 1/4"

- COMPRESSION MEMBERS

ANCHOR FOR TENSION ONLY

- ANCHOR BOLT AS SPECIFIED

- OVERSIZE SILL HOLE TO AVOID

BETWEEN BLOCKING

RECOMMENDED

- ATS-COUPLER

DESIGNER

12" 0/C

CONTACT WITH SILL

**ELEVATIONS** 

FLOOR LEVEL

**FOUNDATION** 

INSTALLATION DETAILS

STRONG ROD -

SHEARWALL EDGE NAILING

NAIL TO EA STUD W/

SPECIFIED EDGE NAILING BY DESIGNER X TOTAL NUMBER OF

STUDS BUT NOT TO EXCEED

MEMBERS ON EITHER SIDE OF

ALLOWED W/ SOLID BLOCKING

EQUALING FULL WIDTH OF POSTS

BELOW PLACED ON EA SIDE OF

POSTS BELOW (TYP)

STRONG-ROD

- SOLID BLOCKING

COMPENSATION

3/4

1

W (IN)

1 3/8

2 1/8 | 2 1/4

2 1/8 | 2 1/4

2 1/8 | 3 7/8

2 3/8 | 2 1/4

1. PLACE TUD OVER ROD FROM LEVEL BELOW ONTO APPROPRIATE BEARING PLATE.

NUT PLUS AN ADDITIONAL 1/2 TO 1/3 TURN WITH WRENCH.

3. REMOVE ACTIVATION PIN.

2. INSTALL PLATE WASHER, AND SECURE THE NUT ON TOP. FINGER TIGHTEN

TAKE UP DEVICE (TUD)

THREADED ROD

SIZE (IN)

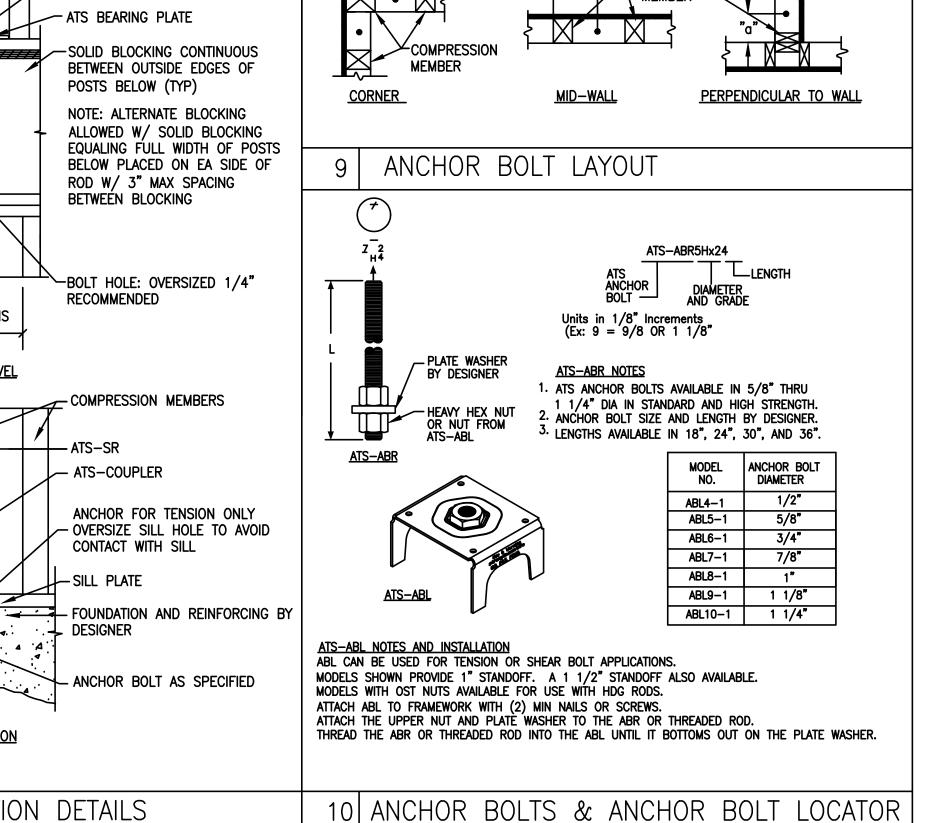
5/8

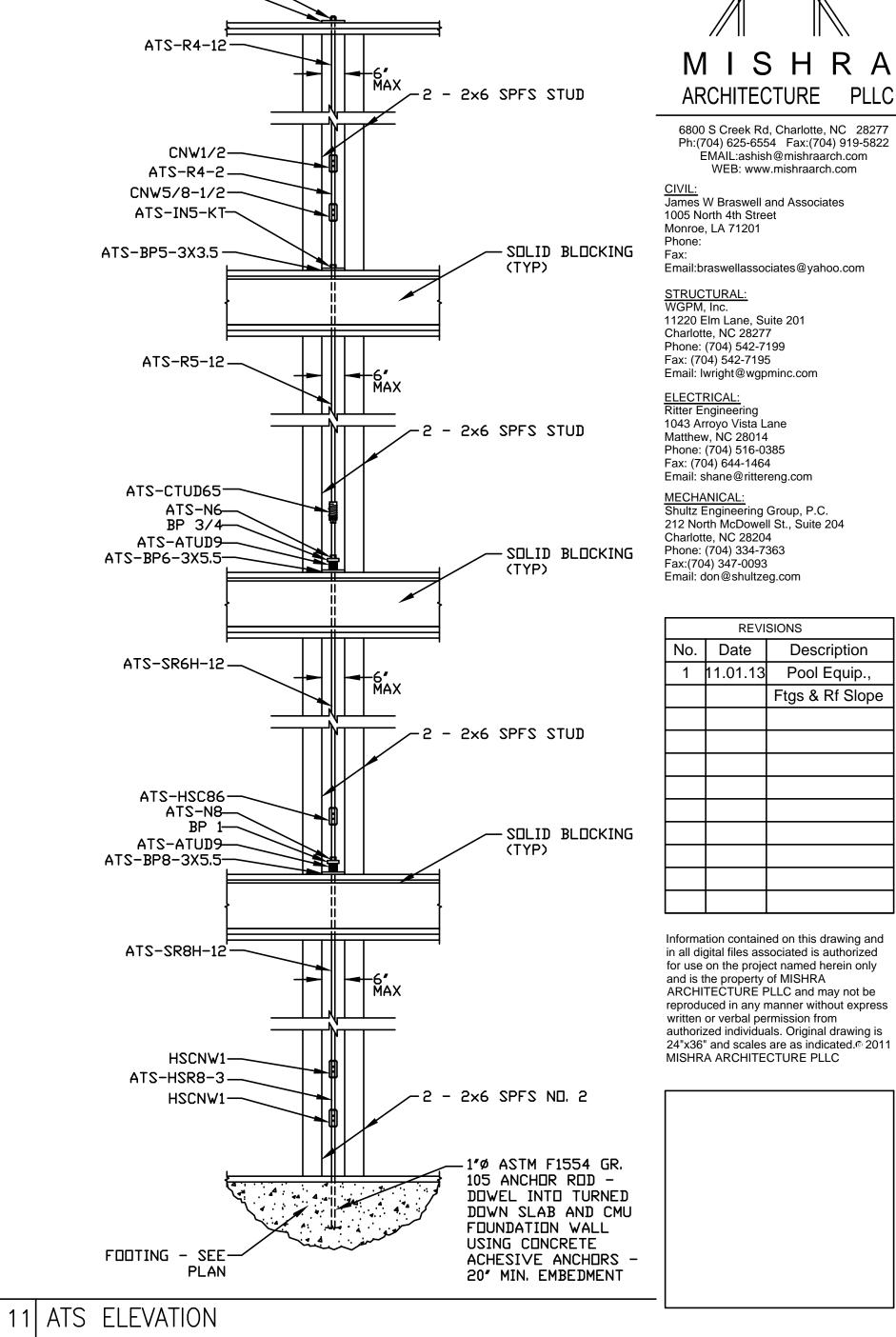
1 1/8

1 1/8

1 1/8

- ATS-TUD





ATS-BP4-3X3.5-

**KEY PLAN** 

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd. Monroe, LA 71201

Drawing Title Simpson Anchor Tiedown System (ATS)

Construction Documents

12-111 Prepared by AB/LW Checked by HLW ate September 16, 2013

MARCUS C. GIBSON License No.32774

WGPM, Inc. Wright + Gibson + Patton STRUCTURAL ENGINEERING 11220 Elm Lane, Suite 201 Charlotte, North Carolina 28277 704-542-7199 Fax: 704-542-7195 www.wgpminc.com JOB NUMBER: 57-13