SHEARWALL SCHEDULE														
SHEARWALL TYPE	SHEATHING MATERIAL	PANEL THICKNESS	APPLIED ON		NAIL SIZE AND TYPE	EDGE SPACING	FIELD SPACING	BLOCKING APPLIED TO VERTICAL AND HORIZONTAL JOINTS - DEPTH TO MATCH DEPTH OF WALL STUDS	SILL PLATE ANCHORAGE TO CONCRETE			SHEAR WALL CONNECTION BETWEEN LEVELS				SHEAR WALL WIND LOAD CAPACITY (PLF)
			ONE SIDE OF THE WALL	BOTH SIDES OF THE WALL					WET SET	EPOXY ANCHORS	MINIMUM EMBEDMENT INTO CONCRETE	SILL PLATE TO DECK BELOW	DECK TO TRUSS/TRUSS BLOCK BELOW	TRUSS/TRUSS BLOCK TO TOP PLATE BELOW	ALTERNATIVE SIMPSON LTP4 WITH 0.131" DIA. NAILS x 1½" (MIN.)	
SW1	W.S.P.	7/16"	X		8d COMMON	6" O.C.	12" O.C.	2x	5/8"Ø @ 40" O.C.	5/8"Ø @ 40" O.C.	7"	(2) 0.131" DIA. x 3" @ 10" O.C.	(2) 0.131" DIA. x 3" @ 10" O.C.	(2) 0.131" DIA. x 3" @ 10" O.C.	LTP4 AT 16" O.C.	365
SW2	W.S.P.	7/16"	X		8d COMMON	4" O.C.	12" O.C.	2x	5/8"Ø @ 24" O.C.	5/8"Ø @ 24" O.C.	7"	(2) 0.131" DIA. x 3" @ 7" O.C.	(2) 0.131" DIA. x 3" @ 7" O.C.	(2) 0.131" DIA. x 3" @ 7" O.C.	LTP4 AT 10" O.C.	535
SW3	W.S.P.	7/16"	X		8d COMMON	3" O.C.	12" O.C.	(2) 2x	5/8"Ø @ 20" O.C.	5/8"Ø @ 20" O.C.	7"	(2) 0.131" DIA. x 3" @ 5" O.C.	(2) 0.131" DIA. x 3" @ 5" O.C.	(2) 0.131" DIA. x 3" @ 5" O.C.	LTP4 AT 8" O.C.	685
SW4	W.S.P.	7/16"		X	8d COMMON	4" O.C.	12" O.C.	2x	5/8"Ø @ 12" O.C.	5/8"Ø @ 12" O.C.	7"	(2) 0.131" DIA. x 3" @ 3" O.C.	(2) 0.131" DIA. x 3" @ 3" O.C.	(2) 0.131" DIA. x 3" @ 3" O.C.	LTP4 AT 5" O.C.	1,070

HOLDOWN SCHEDULE										
HOLDOWN NUMBER	HOLDOWN MODEL	MANUF.	MAXIMUM TENSION FORCE (lb)	NUMBER OF STUDS PER STUD PACK (4)	SOLID COLUMN SIZE (4)	ANCHOR BOLT TYPE	ANCHOR BOLT DIAMETER	SIMPSON CAST IN PLACE ANCHOR BOLT MODEL	MINIMUM ANCHOR EMBEDMENT IN CONCRETE	
									WET SET ANCHOR	EPOXY ANCHOR
HD1	HTT4	SIMPSON	4,235	2	4x4	F1554 GR.36	5/8"	PAB5-36	10"	N.A.[5]
HD2	HTT5	SIMPSON	5,090	2	4x4	F1554 GR.36	5/8"	PAB5-36	12"	N.A.[5]
HD3	HDQ8-SDS2.5	SIMPSON	6,765	2	4x4	F1554 GR.36	7/8"	PAB5-36	12"	N.A.[5]
HD4	HDQ8-SDS3	SIMPSON	9,230	3	6X6	F1554 GR.36	7/8"	PAB7-36	18"	N.A.[5]

NOTES:
1. HOLDOWNS SHALL BE INSTALLED IN FULL CONFORMANCE WITH MANUFACTURE'S RECOMMENDATIONS FOR MAXIMUM CAPACITIES.
2. ALL STUD PACKS FOR HOLDOWN CONNECTIONS SHALL BE ASSEMBLED PER DETAIL 9/S502 OR 13/S502.
3. SEE TYPICAL ANCHOR DETAIL.
4. SOLID COLUMN MAY BE USED PER CONTRACTOR'S CHOICE.
5. N.A. = NOT ALLOWED.

COILED STRAP SCHEDULE									
STRAP NUMBER	STRAP MODEL	QTY. AT EACH END	STRAP LENGTH	MANUF.	NAIL DIAMETER AND LENGTH	NAIL QTY. / STUDS	NAIL QTY. / BEAM FACE	NAIL QTY. / BEAM BOTTOM	MAXIMUM TENSION FORCE (lb)	NUMBER OF STUDS PER STUD PACK
ST1	CS16	2	60 in	SIMPSON	0.131 in x 1½ in	44	-	-	3,410	2
ST2	CS16	3	60 in	SIMPSON	0.131 in x 1½ in	44	-	-	5,115	3
ST3	CMSTC16	2	60 in	SIMPSON	0.131 in x 2½ in	44	-	-	6,760	4
ST4	MSTC48B3	1	-	SIMPSON	0.148 in x 3 in	34	12	4	3,975	2

LEGEND

SHEAR WALL

SWX SHEAR WALL TYPE

● INDICATES HOLDOWN / STRAP LOCATION. SEE HOLDOWN SCHEDULE

STX = STRAP TYPE

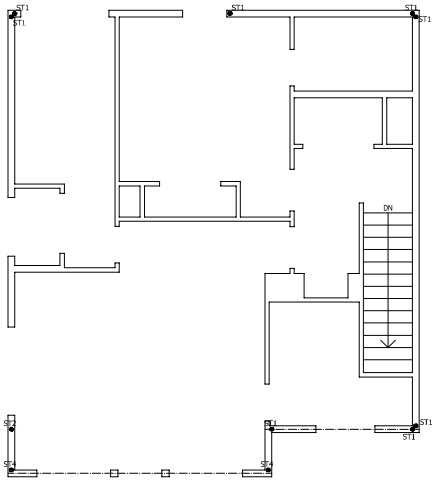
HDX = HOLDOWN TYPE

KEYED NOTES

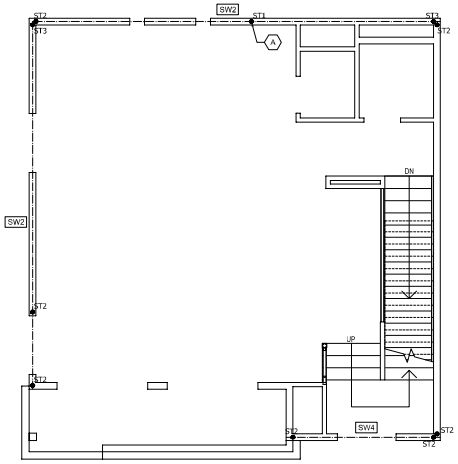
(A) STRAP ALIGNED WITH STRAP FROM FLOOR ABOVE

NOTES:

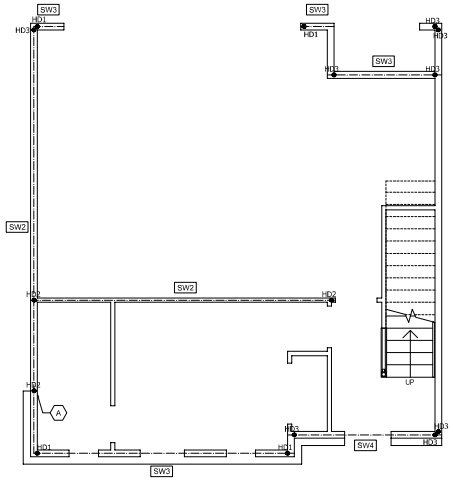
1. ALL EXTERIOR WALLS ARE SHEAR WALLS.
2. USE SHEAR WALL SW1 FOR ALL EXTERIOR WALLS NOT LABELED.
3. SHEAR WALL FRAMING SHALL BE 2X STUDS SPA. AT 16" O.C. MAXIMUM.
4. ALL HOLDOWNS AND STRAPS ARE LOCATED AT BOTTOM OF WALL UON.
5. PROVIDE SIMPSON CS16 FASTENED TO FRAMING WITH 0.131 in X 2.5 in NAILS AT TOP AND BOTTOM OF ALL EXTERIOR WINDOW OPENINGS UON. INSTALLATION PER DETAIL 5/S500.



3. THIRD FLOOR



2. SECOND FLOOR



1. FIRST FLOOR

MB&B
ARCHITECTS AND ENGINEERS
5300 HOLLISTER STREET, SUITE 301 HOUSTON, TX 77040
TEL: 713 370 8750
TBPELS F-24553

STATE OF TEXAS
E. HENRY BARRETO
105874
LICENSED
ARCHITECT
12/8/2023

NOTES:

NEW SINGLE FAMILY TOWNHOUSE

1307B 71st STREET
HOUSTON, TX 77011

No.	DESCRIPTION	DATE
	Issue for permit	7/17/2023
1	COH revision 1	12/8/2023

SCALE: 1/4" = 1'-0"

DRAWN BY: HB

CHK BY: EHBC

APP BY: EHBC

DATE: 12/8/2023

PROJECT NO.: 23115

SHEET TITLE:

LATERAL RESISTING SYSTEM 1

SHEET NUMBER:

S301