

GRADE BEAM SCHEDULE							
MARK	DIMENSIONS		REINFORCING				REMARKS
	WIDTH	DEPTH	TOP BARS	BOTT. BARS	MID BARS (E.F.)	STIRRUP SIZE & SPACING	
GB1	30"	30"	(9) #8	(6) #8	-	#4 @ 12"	
GB2	102"	36"	(13) #10	(13) #10	(4) #8	#5 @ 7"	PROVIDE CLOSED STIRRUPS
GB3	152"	36"	(16) #10	(16) #10	(4) #8	#5 @ 7"	PROVIDE CLOSED STIRRUPS
GB4	54"	30"	(17) #11	(8) #10	(3) #8	(1) #5 @ 7"; (2) #5 @ 4" @ CANT.	PROVIDE CLOSED STIRRUPS & REINF. TO REMAIN CONT. THRU PILE CAPS
GB5	54"	54"	(16) #10	(10) #10	(5) #6	#5 @ 5"; #5 @ 8" @ CANT.	PROVIDE CLOSED STIRRUPS, 3" CLR. COVER T&B, & REINF. TO REMAIN CONT. THRU PILE CAPS

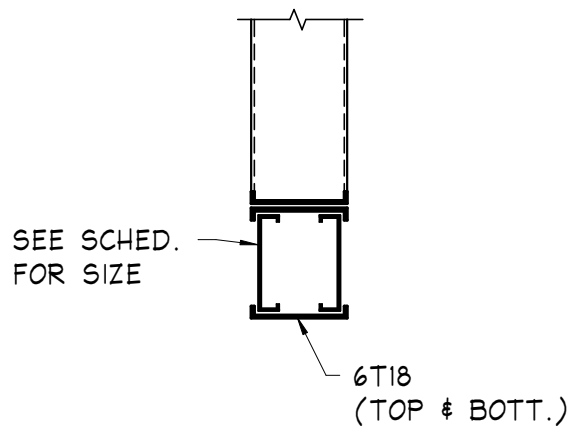
PIER SCHEDULE		
MARK	SIZE	REINFORCING
MP1216	12" x 16" CMU	
P24	24" x 24" CONC.	(12) #7 VERT. w/ #3 TIES @ 12"
P26	26" x 26" CONC.	(12) #7 VERT. w/ #3 TIES @ 12"

POST UP SCHEDULE			
MARK	SIZE	BASE P	ANCHORS
P11	W10x45	SEE TYP. DETAIL ON S4.0	(4) 3/4"Ø A325 BOLTS OR WELD
P12	H56x6x5/16	SEE TYP. DETAIL ON S4.0	(4) 3/4"Ø A325 BOLTS OR WELD
P13	H554x4x5/16	SEE TYP. DETAIL ON S4.0	(4) 3/4"Ø A325 BOLTS OR WELD
P14	H8x48	SEE TYP. DETAIL ON S4.0	(4) 3/4"Ø A325 BOLTS OR WELD

HANGER SCHEDULE		
MARK	SIZE	REMARKS
HGR1	HSS4x4x5/16	

NOTE: PROVIDE 3/8" FITTED STIFF. P&S IN BEAM WEB (BOTH SIDES) w/ 43x3 KICKERS IN EACH DIRECTION.

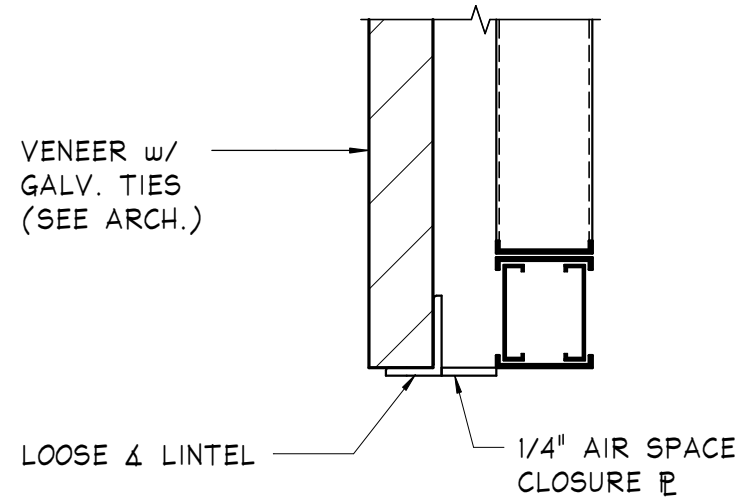
METAL STUD HEADER SCHEDULE (NON-BEARING WALLS)			
WIDTH OF OPENING	METAL STUD LINTEL SIZE	JAMB STUDS	BRACING
UP TO 7'-0"	(2) 6SH16	(2) STUD	N.R.
7'-0" TO 10'-0"	(2) 8SH14	(2) STUD	N.R.
10'-0" TO 12'-0"	(2) 10SH14	(2) STUD	KICKERS REQ'D @ 4'-0" o/c
12'-0" TO 16'-0"	(2) 12SH12	(2) STUD	KICKERS REQ'D @ 4'-0" o/c
16'-0" TO ABOVE	(2) 14J12	(2) STUD	KICKERS REQ'D @ 4'-0" o/c



TYPICAL HEADER DETAIL

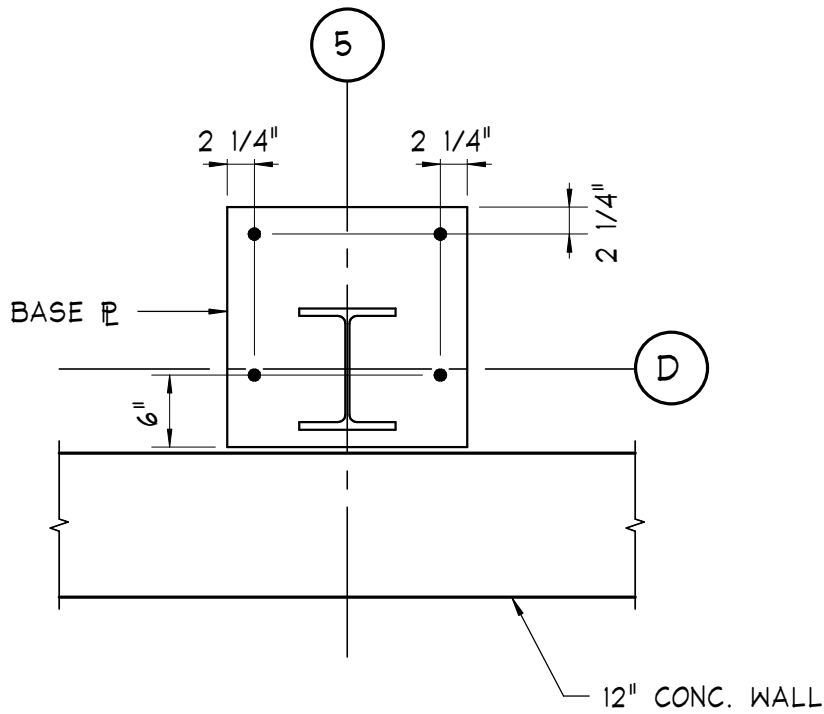
STEEL LINTEL SCHEDULE (NON-BEARING METAL STUD & CMU WALLS w/ BRICK VENEER)		
WIDTH OF OPENING	STEEL FOR 4" BRICK VENEER	REMARKS
UP TO 2'-11"	43 1/2x3 1/2x5/16 + 1/4" P	SEE DETAIL
3'-0" TO 3'-11"	44x3 1/2x5/16 (LLV) + 1/4" P	SEE DETAIL
4'-0" TO 5'-11"	45x3 1/2x5/16 (LLV) + 1/4" P	SEE DETAIL
6'-0" TO 8'-0"	46x3 1/2x5/16 (LLV) + 1/4" P	SEE DETAIL
6'-0" TO 8'-0"	45x5x3/8 + 1/4" P	SEE DETAIL, USE Ø QUARRIED STONE VENEER PER ARCH.

- NOTES:
- 1) ALL STEEL LINTELS SHALL BE ASTM A-36.
 - 2) ALL LINTELS SHALL HAVE 8" MINIMUM BEARING U.N.O.
 - 3) COORDINATE AIR SPACE CLOSURE PLATE DIMENSIONS w/ ARCH. DWGS.



TYPICAL LOOSE LINTEL DETAIL

STEEL COLUMN SCHEDULE													
COLUMN DESIGNATION ROOF LEVEL (SEE PLAN)	C1	C2	C3/C3A	C4/C4A	C5	C6	C7	C8	C9	C10 & C10A	C11	C12	C13
PENTHOUSE (48.17')													
3RD FLOOR (36.83')	W10x49	W10x49	W10x49	W10x49	W10x45	W10x45				W10x45	HSS8x8x5/16	HSS6x6x3/8	
TYP. SEE TYP. COL. SPLICE DETAIL													
2ND FLOOR (25.50')	W10x68	W10x60	W10x68	W10x60	W10x45	W10x45				W10x45			
1ST FLOOR (11.50')													8x8 TIE-BEAM
T.O. PIER (7.50', U.N.O.)							W10x68	W10x45	HSS8x8x5/16				
FND. LEVEL (0.00')													
BASE PLATE	1 3/4x20x1'-8"	1 3/4x20x1'-8"	1 3/4x20x1'-8"	1 3/4x20x1'-8"	1 1/4x20x1'-8"	1 1/4x20x1'-8"	2x20x1'-8"	1 1/2x20x1'-8"	1 1/4x18x1'-6"	1 1/4x20x1'-8"	1 1/4x18x1'-6"	1 1/4x20x1'-8"	
ANCHOR RODS	(4) 1"Ø CAST IN PLACE	(4) 1"Ø CAST IN PLACE	(4) 1"Ø CAST IN PLACE	(4) 1"Ø CAST IN PLACE	(4) 1"Ø CAST IN PLACE	(4) 1 1/2"Ø CAST IN PLACE	(4) 1 3/4"Ø CAST IN PLACE	(4) 1 1/2"Ø CAST IN PLACE	(4) 1"Ø CAST IN PLACE	(4) 1"Ø CAST IN PLACE	(4) 1"Ø CAST IN PLACE	(4) 1"Ø CAST IN PLACE	
COMMENTS			Ø C3A COLUMNS PROVIDE 2x20x1'-8" BASE P w/ SHEAR LUG PER TYP. DETAIL ON S4.0	Ø C4A COLUMNS PROVIDE 2x20x1'-8" BASE P w/ SHEAR LUG PER TYP. DETAIL ON S4.0						Ø C10A SEE C10A BASE P PLAN DETAIL			PROVIDE PRE- FABRICATED GALV. STEEL POST BASE



C10A BASE P PLAN DETAIL

SNOW DESIGN LOAD SCHEDULE INTERNATIONAL BUILDING CODE 2009/ASCE 7-05			
ITEM	SYMBOL	VALUE	REFERENCE
GROUND SNOW LOAD	P _g	30	FIGURE 1608.2
SNOW EXPOSURE FACTOR	C _e	1.0	TABLE 1-2
SNOW LOAD IMPORTANCE FACTOR	I _s	1.1	TABLE 1-4
THERMAL FACTOR	C _t	1.0	TABLE 1-3
FLAT-ROOF SNOW LOAD	P _f	23	SECTION 1-3

LATERAL LOAD DESIGN SCHEDULE INTERNATIONAL BUILDING CODE 2009/ASCE 7-05			
WIND LOAD			
ITEM	SYMBOL	VALUE	REFERENCE
BASIC WIND SPEED (3 SEC. GUST)	V	90	FIGURE 1609
WIND LOAD IMPORTANCE FACTOR	I _w	1.15	TABLE 1-1
WIND EXPOSURE CATEGORY	-	C	SECTION 1604.4.3
SEISMIC LOAD			
ITEM	SYMBOL	VALUE	REFERENCE
IMPORTANCE FACTOR	I _e	1.25	TABLE 11.5-1
SHORT PERIOD SPECTRAL ACCELERATION	S _{DS}	0.305g	SECTION 1605.4
(1) SECOND PERIOD SPECTRAL ACCELERATION	S _{D1}	0.101g	SECTION 1605.4
OCCUPANCY CATEGORY	-	III	TABLE 1604.5
SEISMIC DESIGN CATEGORY	-	B	TABLE 1603.6
SITE CLASSIFICATION	-	D	TABLE 1603.2
SEISMIC FORCE-RESISTING SYSTEM	-	#	TABLE 12.2-1
RESPONSE MODIFICATION COEFFICIENT	R	3	TABLE 12.2-1
DEFLECTION AMPLIFICATION FACTOR	C _d	3	TABLE 12.2-1
ANALYSIS PROCEDURE		EQUIVALENT LATERAL FORCE PROCEDURE	SECTION 12.8

- INDICATES STRUCTURAL STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.

DESIGN LOAD SCHEDULE (ALL LOADS SHOWN ARE IN POUNDS PER SQ. FT.)										
COMPONENT	AREA	SLAB ON GRADE	FIRST FLOOR	SECOND & THIRD FLOORS	PENTHOUSE	ROOF	1ST FLR. EXTERIOR BAR/Lounge	1ST FLR. EXTERIOR DECKS	2ND & 3RD FLR. EXT. DECKS	
CONCRETE SLAB		50								
4 1/4" L.W. CONC. ON 3" DECK			57	48			57	57		
ROOF & INSULATION					8					
STEEL & JOIST			9	3	8	4	9	9	3	
CEILING			2	2	2	2	2	2		
COLLATERAL			3	1	3	2	3	3	2	
3/4" TOPPING				6						
8" P/C PLANK				60						
PARTITIONS				9						
MEP			4	4	4	4	4	4		
N.W. CONC. TOPPING + WOOD DECKING							85			
2 1/2" N.W. CONC. ON 1 1/2" DECK								15	15	
TOTAL DEAD LOAD		50	75	85	65	20	160	90	65	
TOTAL LIVE LOAD		100	100	40	150	30	100	100	60	
TOTAL LOAD		150	175	125	215	50	260	190	125	

TYPICAL ABBREVIATIONS			
A.B.	ANCHOR BOLT	L.P.	LOW POINT
A.F.F.	ABOVE FINISH FLOOR	L.W.	LIGHT WEIGHT
ADDL.	ADDITIONAL	LLH	LONG LEG HORIZONTAL
ALT.	ALTERNATE	LLV	LONG LEG VERTICAL
ARCH.	ARCHITECT	LWB	LONG WAY BOTTOM
B.C.E.	BOTTOM CHORD EXTENSION	M.E.P.	MECHANICAL ELECTRICAL PLUMBING
B.O.	BOTTOM OF	M.S.T.	METAL STUD TRUSS
BLDG.	BUILDING	MAX.	MAXIMUM
BM.	BEAM	MECH.	MECHANICAL
BOTT.	BOTTOM	MEZZ.	MEZZANINE
BRG.	BEARING	MFR.	MANUFACTURER
BSMT.	BASEMENT	MIN.	MINIMUM
BP-	BEARING PLATE	MISC.	MISCELLANEOUS
BTWN.	BETWEEN	MP-	MASONRY PIER
CL	CENTERLINE	NBL	NON BEARING LINTEL
CANT.	CANTILEVER	N.T.S.	NOT TO SCALE
CMU	CONCRETE MASONRY UNIT	N.W.	NORMAL WEIGHT
COL.	COLUMN	o/c	ON CENTER
CONC.	CONCRETE	P.A.F.	POWDER ACTUATED FASTENER
CONN.	CONNECTION	P.	PLATE
CONT.	CONTINUOUS	PC	PILE CAP
CTRD.	CENTERED	P/C	PRECAST
Ø	DIAMETER	PSF	POUNDS PER SQUARE FOOT
DWG.	DRAWING	PSI	POUNDS PER SQUARE INCH
E.F.	EACH FACE	PTN.	PARTITION
E.O.D.	EDGE OF DECK	REINF.	REINFORCEMENT
E.O.S.	EDGE OF SLAB	REQ'D.	REQUIRED
E.W.	EACH WAY	RET'G.	RETAINING
EA.	EACH	S.F.	STEP FOOTING
EL.	ELEVATION	S.O.G.	SLAB ON GRADE
ELEV.	ELEVATOR	SCHED.	SCHEDULE
EMBED.	EMBEDMENT	SECT.	SECTION
EQ.	EQUAL	SIM.	SIMILAR
EQUIP.	EQUIPMENT	SPECS.	SPECIFICATIONS
EWB	EACH WAY BOTTOM	STIFF.	STIFFENER
EWY	EACH WAY TOP	STRUCT.	STRUCTURAL
EX.	EXISTING	SWB	SHORT WAY BOTTOM
EXIST.	EXISTING	T&B	TOP AND BOTTOM
EXP.	EXPANSION	T.	TOP
EXT.	EXTERIOR	T.O.	TOP OF
FDN.	FOUNDATION	T.O.C.	TOP OF CONCRETE
FIN.	FINISH	T.O.S.	TOP OF STEEL
FLR.	FLOOR	T.S.	THICKENED SLAB
FT.	FEET	TCELE	TOP CHORD EXTENSION LEFT END
FTG.	FOOTING	TCERE	TOP CHORD EXTENSION RIGHT END
GA.	GAGE	TDS	TURN DOWN SLAB
GALV.	GALVANIZED	THK.	THICK OR THICKENED
GB.	GRADE BEAM	TYP.	TYPICAL
H.P.	HIGH POINT	U.N.O.	UNLESS NOTED OTHERWISE
HORIZ.	HORIZONTAL	V.I.F.	VERIFY IN FIELD
I.F.	INSIDE FACE	VERT.	VERTICAL
IN.	INCHES	W.R.T.	WOOD ROOF TRUSS
INFO.	INFORMATION	w/	WITH
INT.	INTERIOR	WC	WET COLUMN
JT.	JOINT	WP	WALL PLATE
k	KIP	WWF	WELDED WIRE FABRIC
k-ft	KIP-FEET		

RIVERHOUSE AT Odette's

274 SOUTH RIVER ROAD
NEW HOPE, PA 18938

OWNER/ OPERATOR:
GATEWAY TO NEW HOPE, LLC
274 South River Road
New Hope, PA 18938

ARCHITECT:
STOKES ARCHITECTURE
2103 Sansom Street
Philadelphia, PA 19103
tel: (215) 523-9190

INTERIOR DESIGNER
BALONGUE DESIGN INC
707 Watsonford Road
Villanova, PA 19085
tel: (610) 525-7593
fax: (610) 525-7594

CIVIL ENGINEER:
VAN CLEEF ENGINEERING ASSOCIATES, LLC
501 North Main Street
Doylestown, PA 18901
tel: (215) 345-1876
fax: (215) 345-1730
STRUCTURAL ENGINEER:
O'DONNELL & NACCARATO
701 Market Street Suite 6000
Philadelphia, PA 19106
tel: (215) 925-3788
Project No. 0411.0046.00

MEP ENGINEER:
WICK FISHER WHITE
111 S. Independence Mall East Suite 400
Philadelphia, PA 19106
tel: (215) 622-0200
fax: (215) 622-8540

LIGHTING DESIGNER
BRIAN ORTER LIGHTING DESIGN LLC
227 W. 29th St 8th Floor
New York, NY 10001
tel: (646) 502-7568

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SEAL

2 Exterior Deck Revision 2/1/19

1 Foundation Revision 11/12/18

MARK REVISIONS DATE

ALL DIMENSIONS AND RELATIONSHIPS MUST BE VERIFIED BY CONTRACTOR. THE ARCHITECT IS TO BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE CONSTRUCTION. DO NOT SCALE FROM DRAWINGS.

PROJECT #: 1351
FILENAME: Author
DRAWN: Checker
CHECKED: 08/18/18
DATE:

CONSTRUCTION SET

SCHEDULES

DRAWING

S0.2

EXTERIOR DECK REVISION
2/01/19