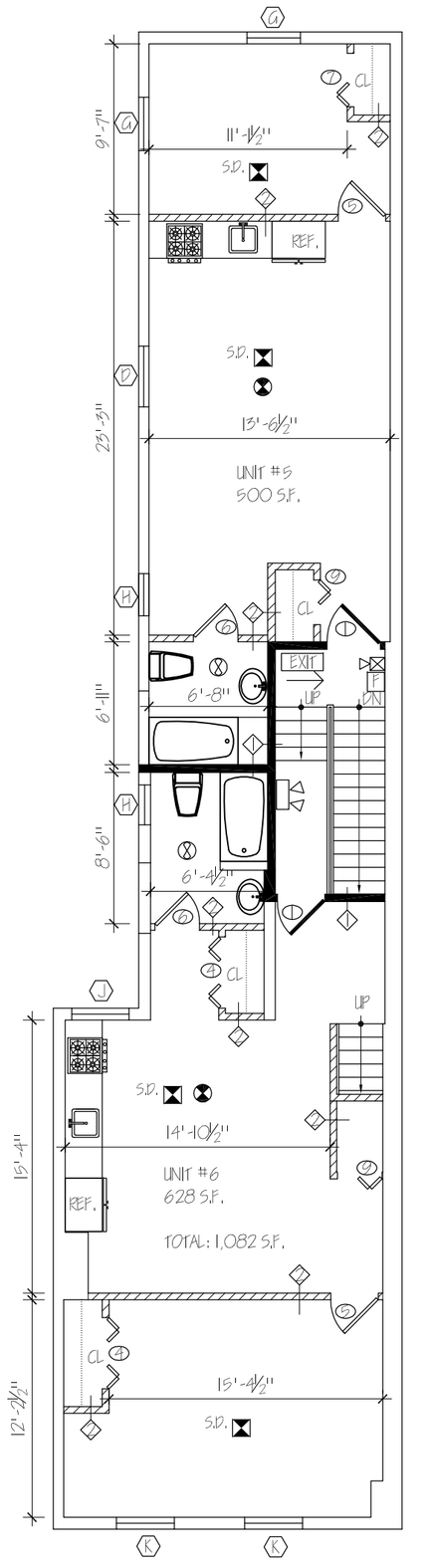
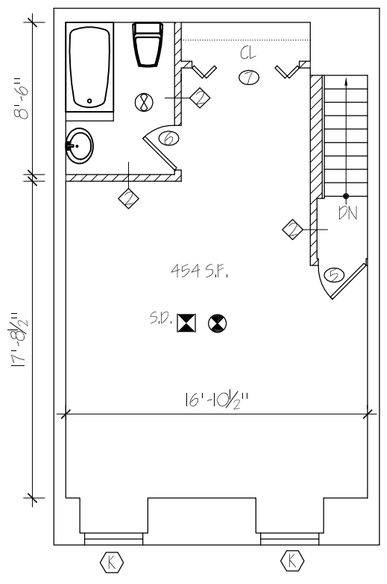


1 / A-2 PROPOSED THIRD FLOOR
SCALE: 1/8" = 1'-0"



2 / A-2 PROPOSED FOURTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

RESIDENTIAL ZONING DISTRICT (RSA-5)

PARCEL / LOT AREA: 3,250 SQ. FT.
BUILDING / OCCUP. AREA: 1,783 SQ. FT.
OPEN AREA: 1,467 SQ. FT.

LINTEL SCHEDULE

FOR MASONRY OPENING:

4'-0" OR LESS
USE A 4"x3-1/2"x3/8" STEEL ANGLE FOR EVERY 4" OF WALL THICKNESS SUPPORTED UNLESS OTHERWISE NOTED.

GREATER THAN 4'-0" TO 8'-0"
USE A 6"x3-1/2"x3/8" STEEL ANGLE FOR EVERY 4" OF WALL THICKNESS SUPPORTED UNLESS OTHERWISE NOTED.

FOR FRAME OPENING:

4'-0" OR LESS
USE A 2"x8" WOOD BEAM FOR EVERY 2" OF WALL THICKNESS SUPPORTED UNLESS OTHERWISE NOTED.

4'-0" TO 8'-0"
USE A 2"x10" WOOD BEAM FOR EVERY 2" OF WALL THICKNESS SUPPORTED UNLESS OTHERWISE NOTED.

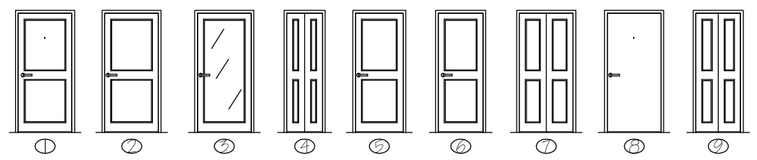
GREATER THAN 8'-0"
USE A 2"x12" WOOD BEAM FOR EVERY 2" OF WALL THICKNESS SUPPORTED UNLESS OTHERWISE NOTED.

MARVIN (OR EQUAL) WINDOW SCHEDULE

SYMB.	MOD. #	QUANT.	TYPE	MASONRY OPENING	REMARKS	U-VALUES	R-VALUES
A	IDH3672	05	DOUBLE HUNG	3'-0" x 6'-0"	OPERABLE	0.32	3.13
B	IAWN 3723	05	STATIONARY	3'-01/2" x 1'-11 3/8"	IN-OPERABLE	0.32	3.13
C	IDHP 3860	01	PICTURE	3'-2" x 5'-0"	IN-OPERABLE	0.32	3.13
D	IDH 4236	03	DOUBLE HUNG	3'-6" x 3'-0"	OPERABLE	0.32	3.13
E	IAWN 4927	04	AWNING	4'-01/2"x2'-33/8"	OPERABLE	0.32	3.13
F	IAWN 2523	01	AWNING	2'-01/2" x 1'-11 3/8"	OPERABLE	0.32	3.13
G	IDH 3660	05	DOUBLE HUNG	3'-0" x 5'-0"	OPERABLE	0.32	3.13
H	IAWN 2923	04	AWNING	2'-41/2" x 1'-11 3/8"	OPERABLE	0.32	3.13
I	IDH 3840	01	DOUBLE HUNG	3'-2" x 3'-4"	OPERABLE	0.32	3.13
J	IDH 3836	01	DOUBLE HUNG	3'-2" x 3'-0"	OPERABLE	0.32	3.13
K	IDH 3872	04	DOUBLE HUNG	3'-2" x 6'-0"	OPERABLE	0.32	3.13
L	IAWN 2919	02	STATIONARY	2'-41/2" x 1'-73/8"	IN-OPERABLE	0.32	3.13

DOOR SCHEDULE

SYMB.	WIDTH	HEIGHT	THK.	QUANT.	REMARKS
1	3'-0"	6'-8"	1 3/4"	07	SECURITY / 1 HOUR FIRE RATED
2	3'-0"	6'-8"	1 3/4"	01	SOLID INTERIOR
3	3'-0"	6'-8"	1 3/4"	02	FULL VIEW GLASS INSULATED
4	2'-0"	6'-8"	1 3/4"	14	HOLLOW CORE INTERIOR BI-FOLD
5	2'-8"	6'-8"	1 3/4"	08	SOLID INTERIOR
6	2'-6"	6'-8"	1 3/4"	10	HOLLOW CORE INTERIOR
7	3'-0"	6'-8"	1 3/4"	05	HOLLOW CORE INTERIOR BI-FOLD
8	3'-0"	6'-8"	1 3/4"	01	EXTERIOR / SECURITY / INSULATED
9	2'-6"	6'-8"	1 3/4"	03	HOLLOW CORE INTERIOR BI-FOLD



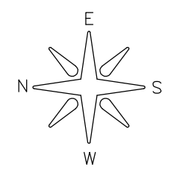
TOTAL OCCUPANT LOAD FOR DWELLING UNITS:

UNIT #1: (2) OCCUPANTS
UNIT #2 (4) OCCUPANTS
UNIT #3 (2) OCCUPANTS
UNIT #4 (2) OCCUPANTS
UNIT #5 (2) OCCUPANTS
UNIT #6 (4) OCCUPANTS

TOTAL OCCUPANTS: 16

NOTE:
ENTIRE BUILDING WILL BE FULLY SPRINKLERED AS PER 903.2.8 I.B.C.

NOTE:
ALL DWELLING UNITS, CORRIDOR WALL SYSTEMS AND FLOOR / CEILING ASSEMBLIES TO HAVE A MINIMUM SOUND TRANSMISSION CONTROL RATING OF 50 AS TESTED BY ASTM E 492.



LEGEND

- NEW 1 HR FIRE RATED INTERIOR PARTITION WITH 2"X4" WOOD STUDS @ 16" O.C. WITH 5/8" TYPE "X" GYPSUM BOARD ON BOTH SIDES —◇1
- NEW PARTITION WITH 2"X4" WOOD STUDS 16" O.C. WITH 1/2" GYPSUM BOARD ON EACH SIDE —◇2
- EXISTING TO REMAIN
- NEW 8" CMU —◇3
- S.D. APPROVED TYPE SMOKE DETECTOR
- APPROVED TYPE SMOKE DETECTOR / CARBON MONOXIDE COMBINATION
- 100 CFM FAN TO OUTSIDE AIR, DUCT IS TO EXTEND MIN. 10 FT. FROM GRADE, SIDEWALK OR ANY RES. WINDOWS
- EMERGENCY LIGHTING
- F FIRE ALARM MANUAL PULL STATION
- STROBE AND HORN COMBINATION
- EXIT EXIT SIGN
- EXIT EXIT SIGN W/ DIRECTION

CODE DATA TABLE
1. CONSTRUCTION TYPE: 3B
2. USE CLASSIFICATION: R-2
3. BUILDING WILL HAVE A FIRE ALARM SYSTEM

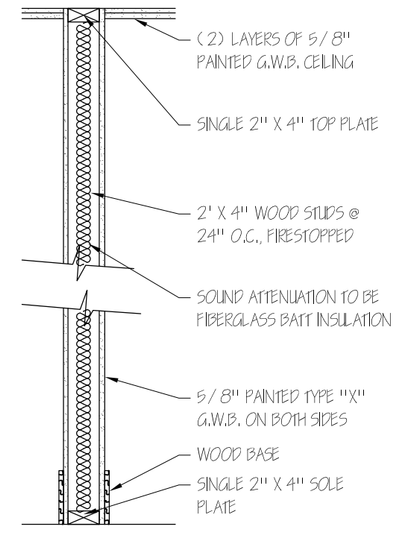
NOTE:
ALL CEILINGS AND WALLS BETWEEN DWELLING UNITS TO HAVE A ONE HOUR FIRE RATING

NOTE:
ALL CONSTRUCTION TO OCCUR WITHIN THE PROPERTY LINES

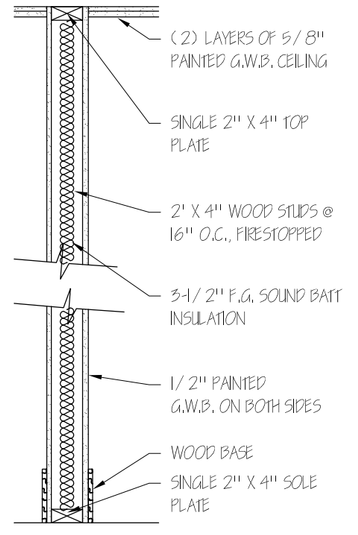
NOTE:
ALL AND ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER PRIOR TO THE COMMENCEMENT OF ANY WORK.

NOTE:
SMOKE DETECTION, AUDIO / VISUAL ALARMS, AND MANUAL PULL STATIONS WILL COMPLY WITH 907.2.24 OF THE PHILADELPHIA FIRE CODE.

1 HR WALL CONSTRUCTION PER 2009 IBC
"ITEM #" 14-1.3, PAGE 133

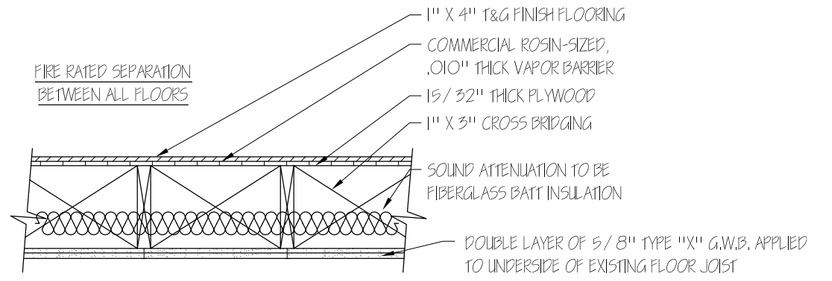


3 / A-2 1 HR WALL / DETAIL TYPE —◇1
SCALE: 3/4" = 1'-0"



4 / A-2 WALL / DETAIL TYPE —◇2
SCALE: 3/4" = 1'-0"

FIRE RATED SEPARATION BETWEEN ALL FLOORS



5 / A-2 UL DESIGN NO. L501 (1 HR RATED FLOOR/CEILING)
SCALE: 3/4" = 1'-0"

THIS DRAWING IS THE PROPERTY OF AND CONTAINS INFORMATION PROPRIETARY TO DT ARCHITECTS. THIS DRAWING SHALL NOT BE REPRODUCED, USED OR DISCLOSED WITHOUT THE PRIOR WRITTEN CONSENT OF DT ARCHITECTS.

SUBMISSION SCHEDULE

#	DATE	REMARKS

REVISION

#	DATE	REMARKS

DIRK MERILL
GEORGIA PIERCE, LLC
1 LANGDON LANE
NARBERTH, PA 19072

PROJECT: RENOVATION FOR
2221 SOUTH BROAD STREET
PHILADELPHIA, PA 19148
(RSA-5)

SHEET TITLE:
PROPOSED FLOOR PLANS, DETAILS AND SCHEDULES

DRAWING FILE:

DRAWN BY: D.T.

DATE: 9.18.13

PROJECT #:

DRAWING NUMBER
A-2

SHEET