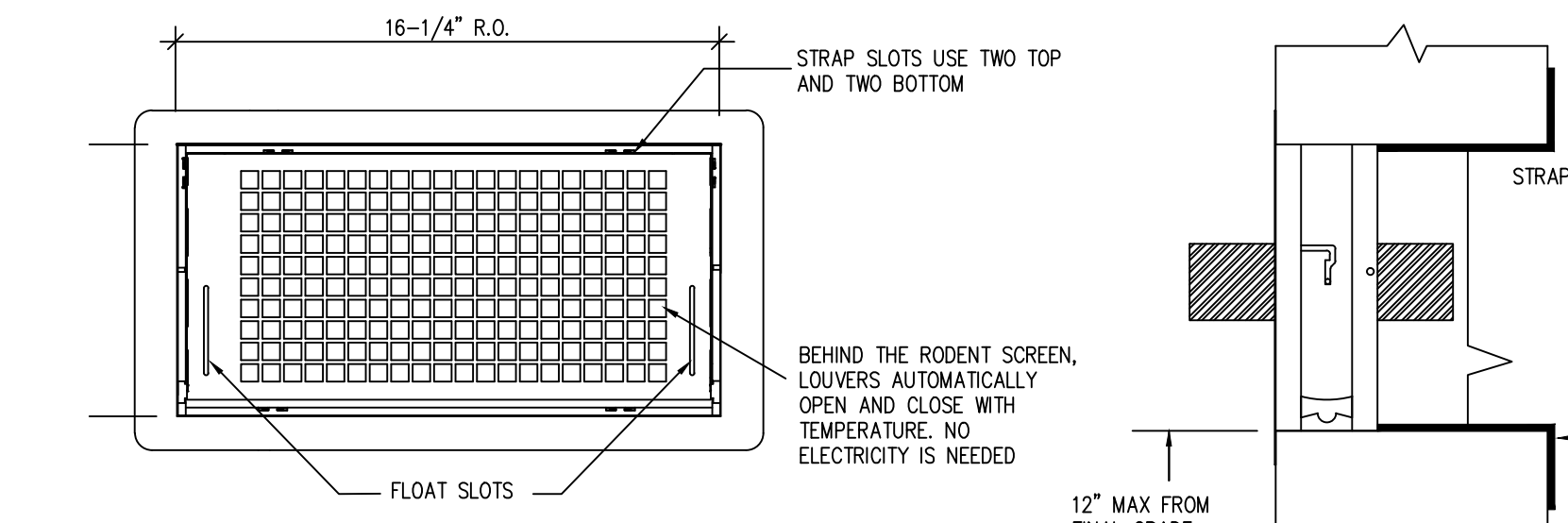


TYPICAL WALL SECTION
SCALE: 1/2" = 1'-0"



ELEVATION SECTION
DETAIL DIAGRAM
Smart VENT MODEL 1540-510
(Or Equivalent)
DUAL FUNCTION FLOOD AND VENTILATION VENT

DETAILED SPECIFICATIONS:
MATERIAL: STAINLESS STEEL
OPERATION FLOOD: AUTOMATIC NON-POWERED ACTIVATION AND OPERATION VENT REMAINS CLOSED AND LOCKED UNTIL ACTIVATED
OPERATION AIR: AUTOMATIC LOUVERS FULLY OPEN AT 75 DEG. FULLY CLOSED AT 35 DEG. NO POWER REQUIRED
INSTALLATION: SECURED W/ 4 STAINLESS STEEL STRAPS SUPPLIED
HYDROSTATIC RELIEF: 200 Sq. Ft per Vent
VENTILATION: 51 Sq. Ft per Vent
NOTE: VAPOR BARRIER ALLOWS FOR REDUCED VENTILATION REQUIREMENTS FLOOD: MINIMUM OF 2 VENTS PER ENCLOSED AREA MOUNTED ON AT LEAST TWO DIFFERENT WALLS
MEETS THE REQUIREMENTS FOR ENGINEERED OPENINGS AS SET FORTH BY: FEMA, NFIP, ICC, & ASCE SUPPORTIVE DOCUMENTS, TB 1-93, 44CFR 60.3(C)(5), ASCE 24-98 ICC EVALUATION # NER-624

FLOOD VENT REQUIREMENTS
FLOOD VENTS REQUIRED = 1 PER 200 SQ. FT
REQUIRED LOWER LEVEL = ±753 SF/200 = 3.8 = 4 VENTS REQ.
VENTS PROVIDED = 5

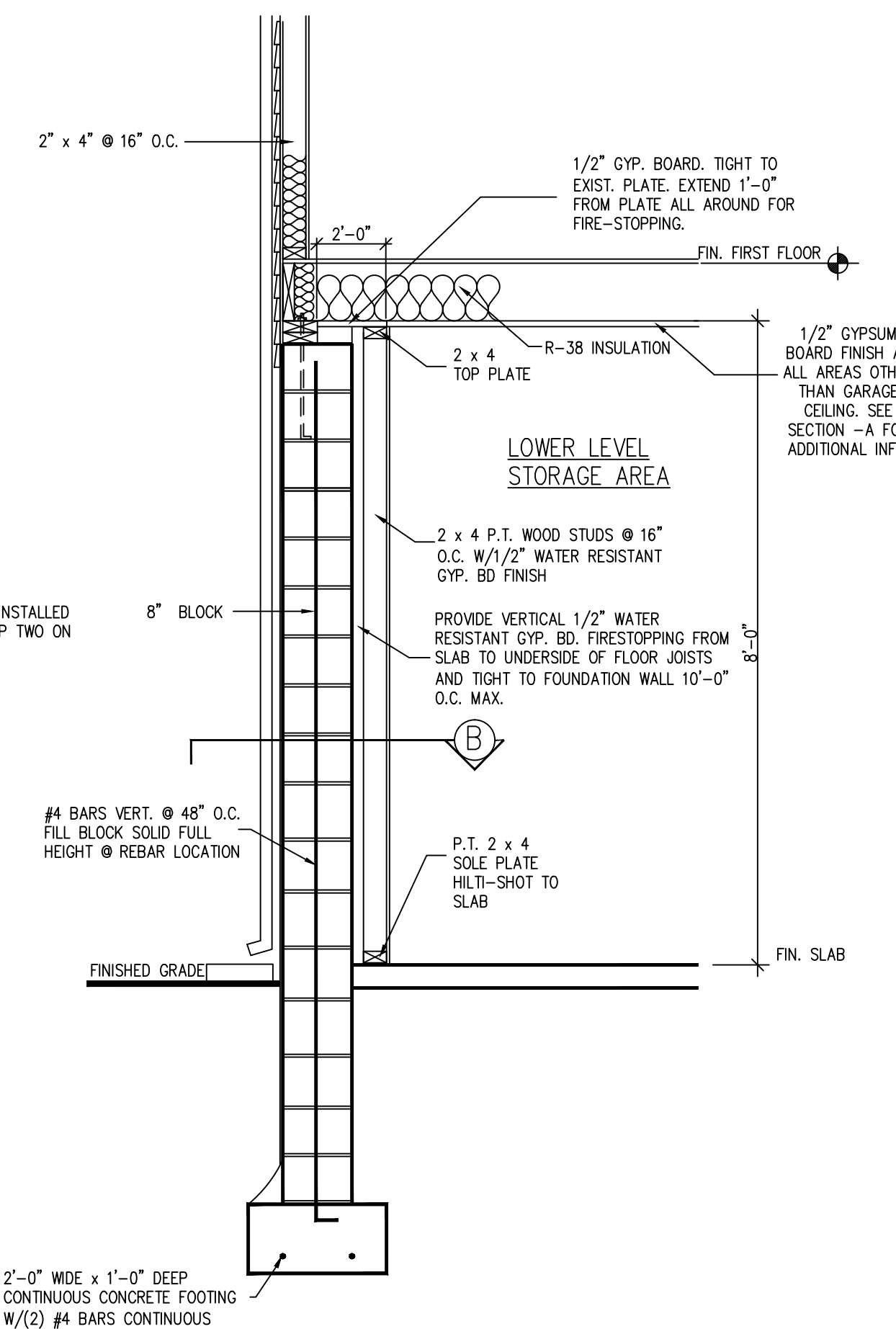
PROVIDE (2) LAYERS 5/8" TYPE "X" GYPSUM BOARD AT CEILING BETWEEN GARAGE AND FIRST FLOOR ONLY. U.L. DESIGN L-501. SEE DETAIL ON SHEET A-2.

WOOD WALL MODEL #1540-570 VENT EQUIP. AS MANUFACTURED BY SMART VENT, INC.

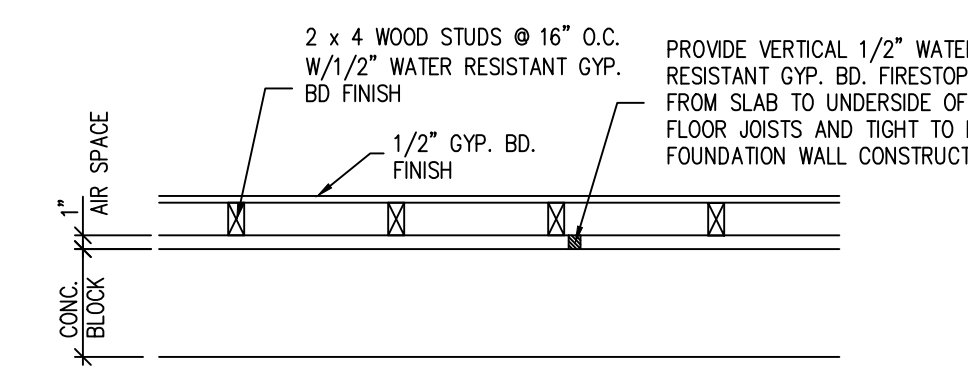
STAINLESS STEEL CONSTRUCTION
SECURE WITH SS FLATHEAD SCREWS 4 PLS. DO NOT DISTORT FRAME (SCREWS NOT SUPPLIED)

ELEVATION SECTION
DETAIL DIAGRAM
Smart VENT MODEL 1540-537
(Or Equivalent)
DUAL FUNCTION FLOOD AND VENTILATION VENT W/FIRE DAMPER

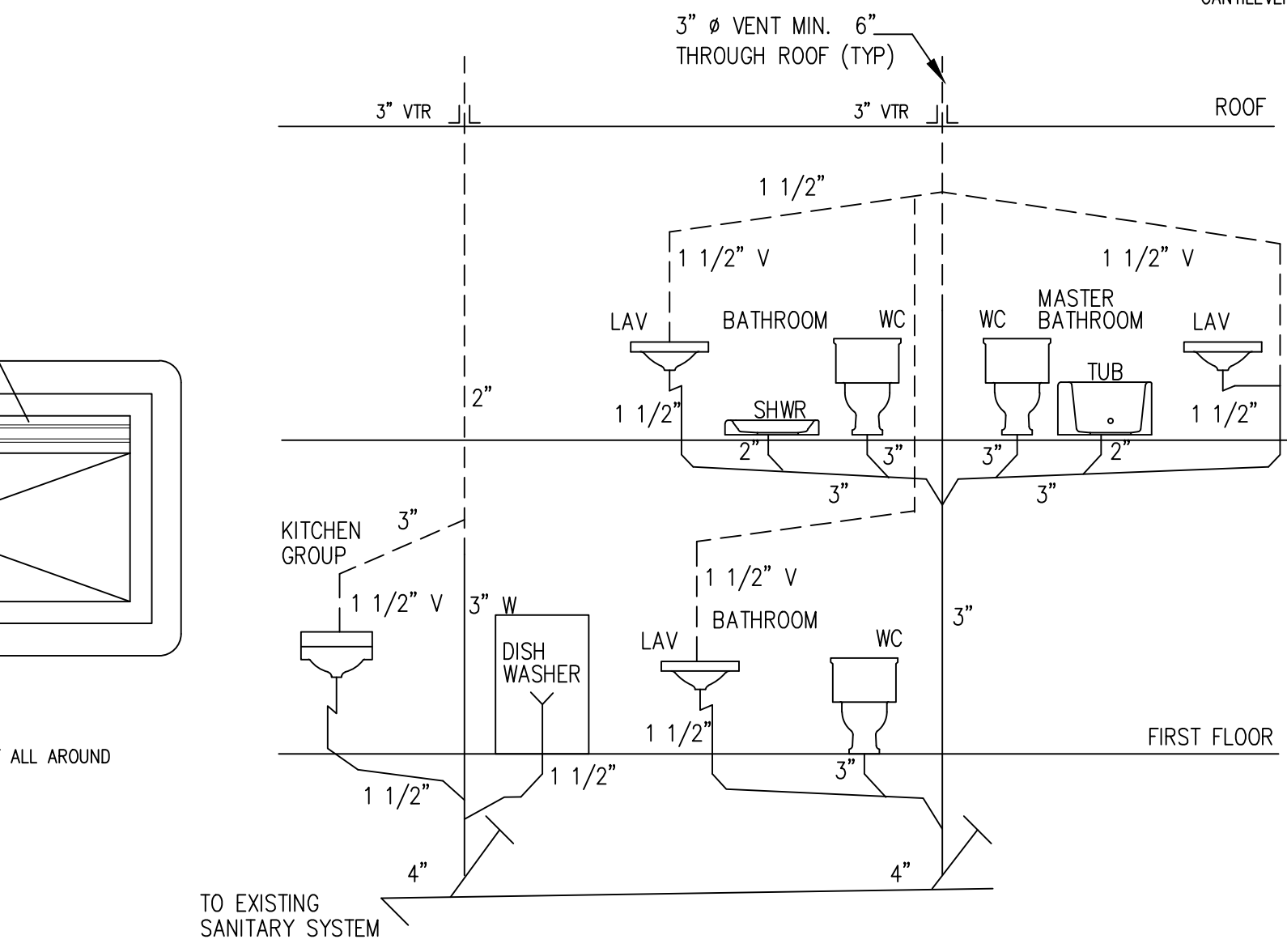
NOTES:
1- INSTALL TRIM FLANGE 1540-573 or 1540-573-4 INTO ROUGH OPENING AND SEAL WITH FIRE RATED CAULK.
2- INSTALL AND SECURE THE FLOOD VENT USING THE 4 SLOTS AND 4 SS SCREWS (NOT SUPPLIED)
3- FIRE DAMPER MUST BE SECURED INTO OPENING FLUSH WITH OUTSIDE TRIM FLANGE USING NON CORROSIVE FASTENERS. FASTENERS MUST NOT DEFORM OR IMPEDE THE OPERATION OF THE DOOR.
4- WHEN FLOOD DOOR IS OPENED IT MUST NOT CONTACT THE FIRE DAMPER IN ANY WAY.
5- CONTACT YOUR LOCAL BUILDING CODE INSPECTOR FOR SPECIFIC FIRE CODE REGULATIONS.



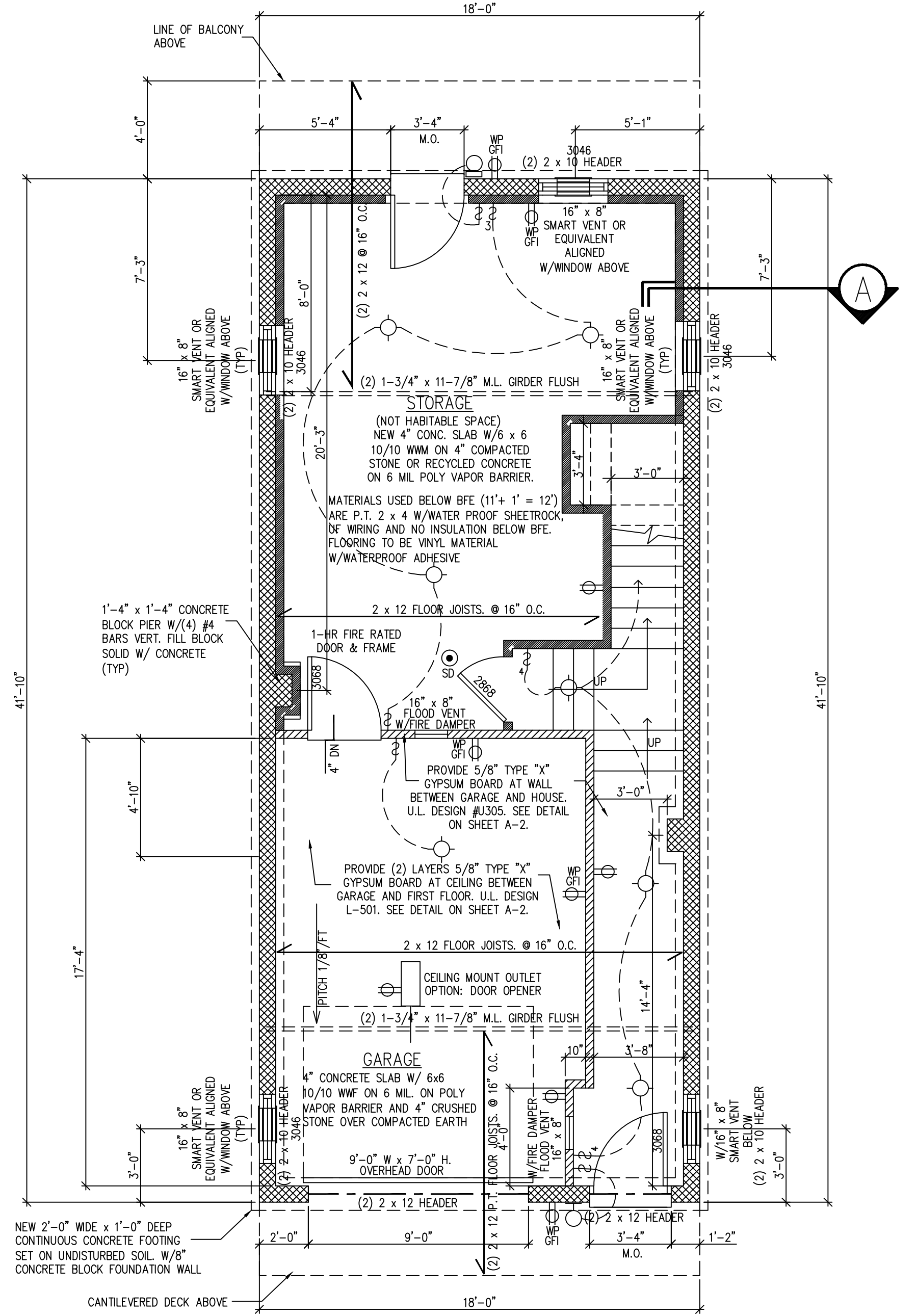
(A) TYPICAL WALL SECTION
SCALE: 1/2" = 1'-0"



(B) PLAN
SCALE: 3/4" = 1'-0"



SCHEMATIC RISER DIAGRAM
N.T.S.



LOWER LEVEL PLAN

NOTE: ALL BUILDING MATERIALS LOCATED BELOW FLOOD PLAIN ELEVATION TO BE MOISTURE RESISTANT.

1. WOOD STUDS AND PLYWOOD TO BE PRESSURE TREATED.
2. GYP. BD. TO BE MOISTURE RESISTANT.
3. INSULATION TO BE EITHER RIGID OR BLOWN.
4. STAIRS TO HAVE PRESSURE TREATED TREADS, RISERS AND STRINGERS.
5. INTERIOR DOORS TO BE SOLID CORE.
6. EXTERIOR DOORS TO BE FOAM FILLED MOISTURE RESISTANT.

ALBERT ONDAR
NJ LIC NO 10786

A. Ondar Design
Architecture
ALBERT ONDAR
19 TRUMAN DRIVE, MARLBORO
N.J. 07746 (732) 261-9641
EMAIL: archAOD@aol.com

REV	DATE	DESCRIPTION
Sandy Beaches LLC.		
102 Center Avenue Keansburg, New Jersey		
Foundation Plan/Details		
DWN: GDR	AOD NO: 2337	A-3
SCALE: 1/4" = 1'-0"	DATE: 07.06.23	