

© 2007 TFH ARCHITECTS

THE ESTATES OF LONGFELLOW INN  
130 EASTERN PROMENADE, PORTLAND, ME  
CASCO BAY VENTURES

TFH ARCHITECTS  
100 COMMERCIAL STREET  
PORTLAND MAINE 04101  
TELEPHONE 207 775 6141  
ARCHITECTURE PLANNING

CONSULTANTS:  
CIVIL: Lewis Consulting Engineers, PA  
967 Broadway  
South Portland, ME 04106  
Tel: 207 767-7300  
Fax: 1-888-207-2223  
STRUCTURAL: Shirely Engineering, Inc  
90 Bridge St. Suite 300  
Westbrook, ME 04092  
Ph: 207 854 5405 ext. 19  
Fax: 207 854 6706

REVISIONS:

DATE: 02.14.2008  
PROJECT No. 0610  
DRAWN BY: SA  
CHECKED BY: TST  
SCALE: AS NOTED

SHEET TITLE:  
LIFE SAFETY PLAN

G1.2

**SPRINKLER SYSTEM:**

PROVIDE NFPA 13A SPRINKLER SYSTEM IN ACCORDANCE WITH IBC 903.3.1.2. NFPA, AND ALL APPLICABLE CODES & REGULATIONS. SPRINKLER SYSTEM TO BE DESIGNED AND INSTALLED BY QUALIFIED SPRINKLER CONTRACTOR.

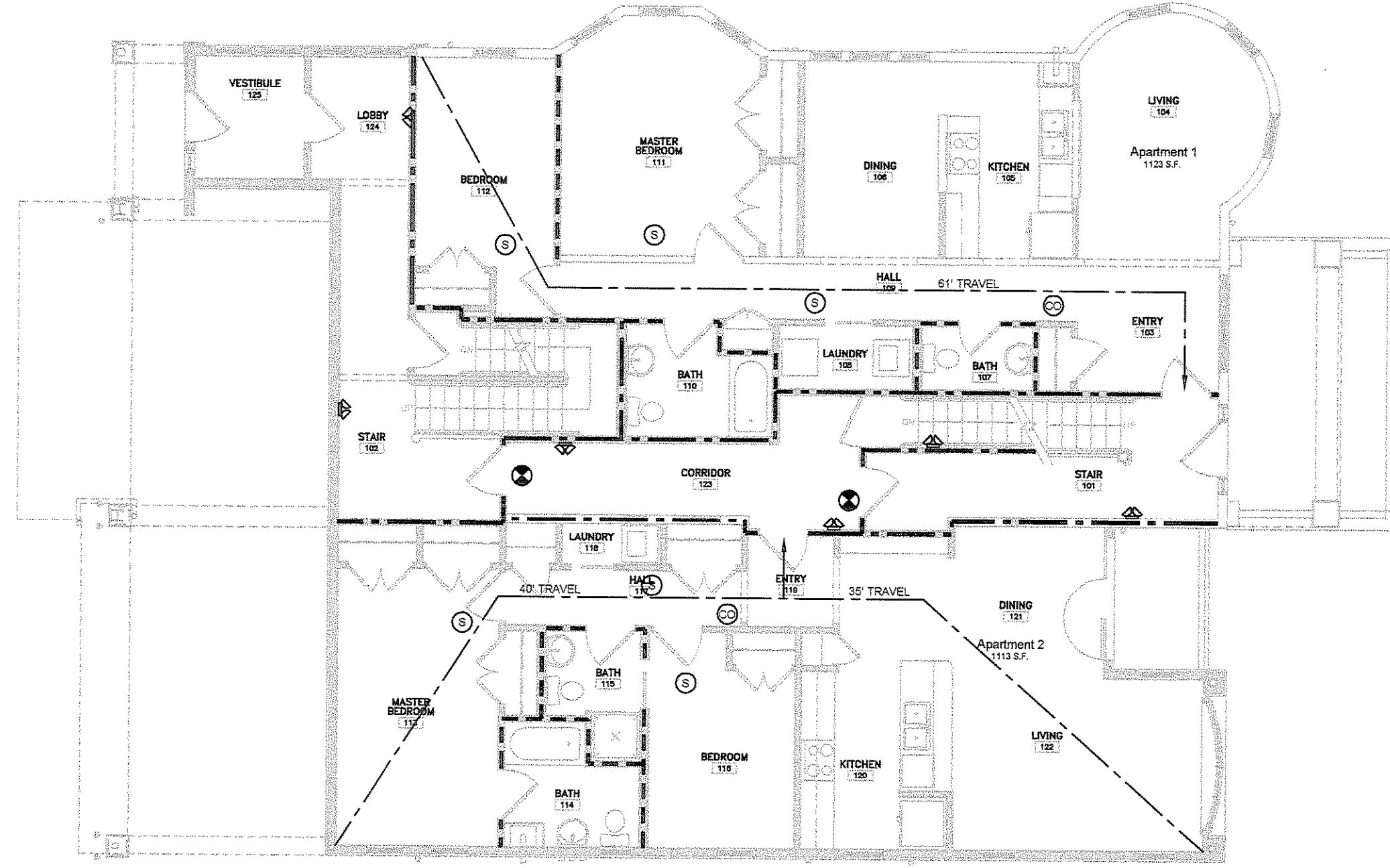
**LEGEND**

- EXISTING CONSTRUCTION TO REMAIN
- DEMOLITION
- NEW CONSTRUCTION
- 1 HOUR RATED NEW CONSTRUCTION
- 1 HOUR RATED EXISTING CONSTRUCTION

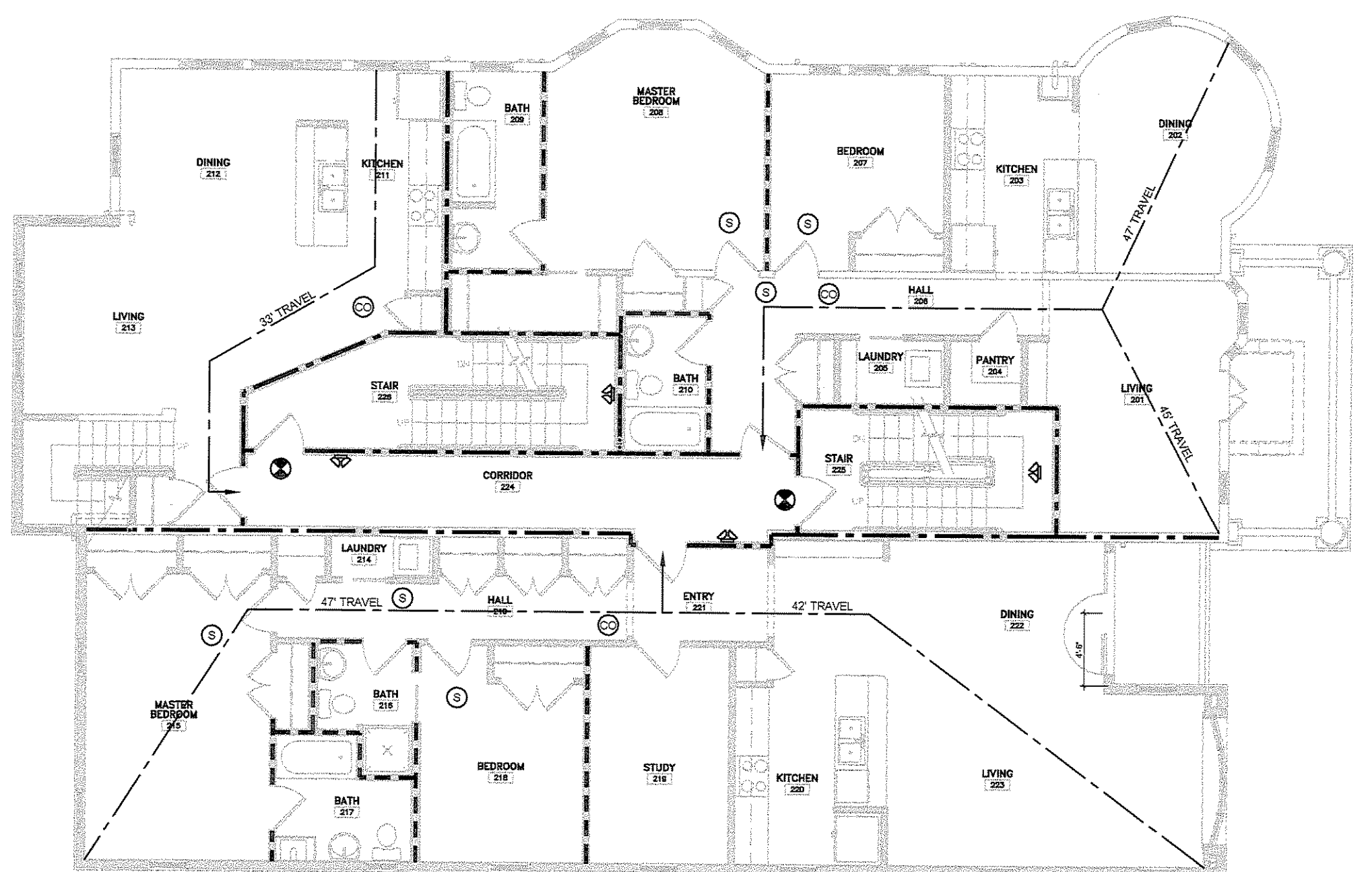
NOTE: SEE A-3.1 FOR CONSTRUCTION ASSEMBLIES

- ILLUMINATED EXIT SIGN
- EMERGENCY LIGHT
- SMOKE DETECTOR
- CARBON MONOXIDE

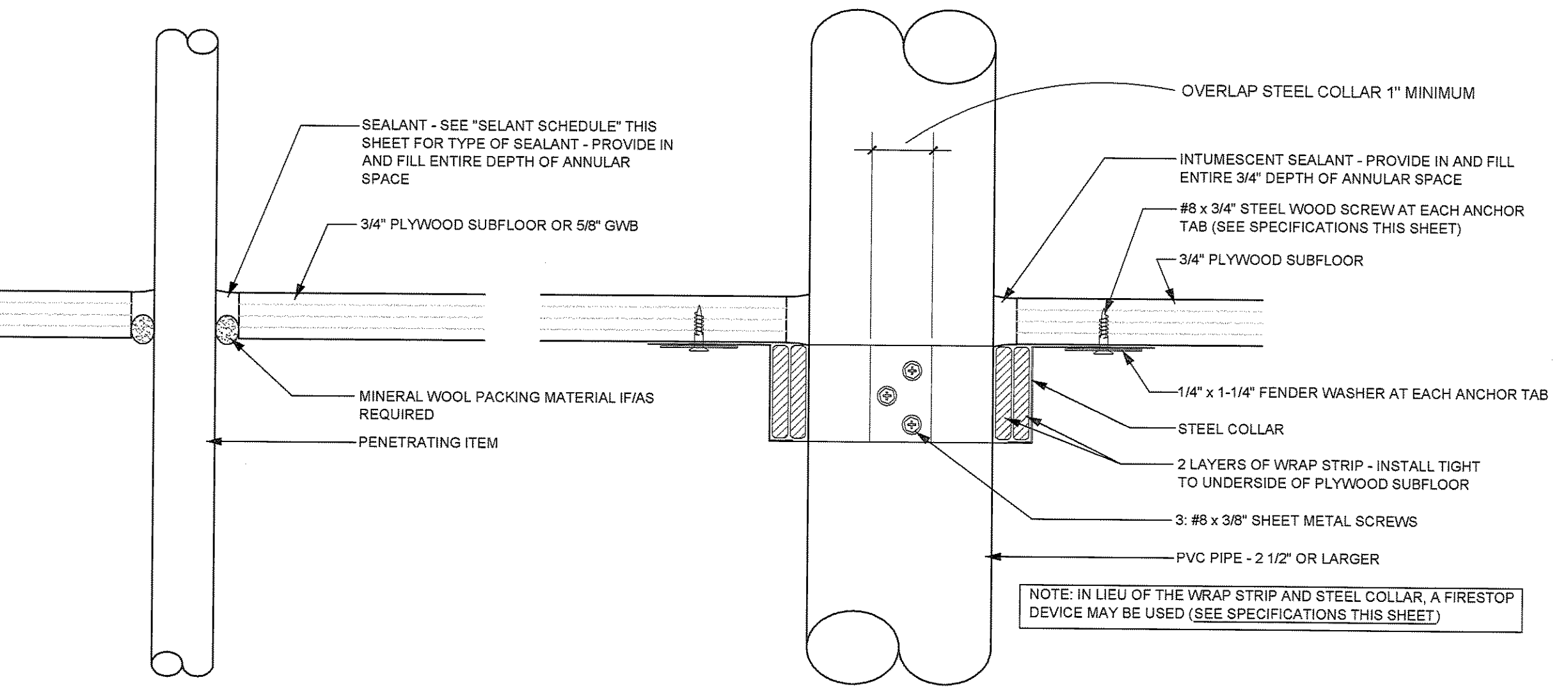
NOTE: ALL SMOKE DETECTORS TO BE 120V WITH BATTERY BACK-UP; ALL DETECTORS WITHIN ANY ONE APARTMENT TO BE INTERCONNECTED



1 FIRST FLOOR LIFE SAFETY PLAN  
G1.2 1/8" = 1'-0"



2 SECOND FLOOR LIFE SAFETY PLAN  
G1.2 1/8" = 1'-0"



4 TYPICAL PENETRATION  
G1.2 6" = 1'-0"

5 DETAIL FOR 2 1/2" AND LARGER PVC PIPE  
G1.2 6" = 1'-0"

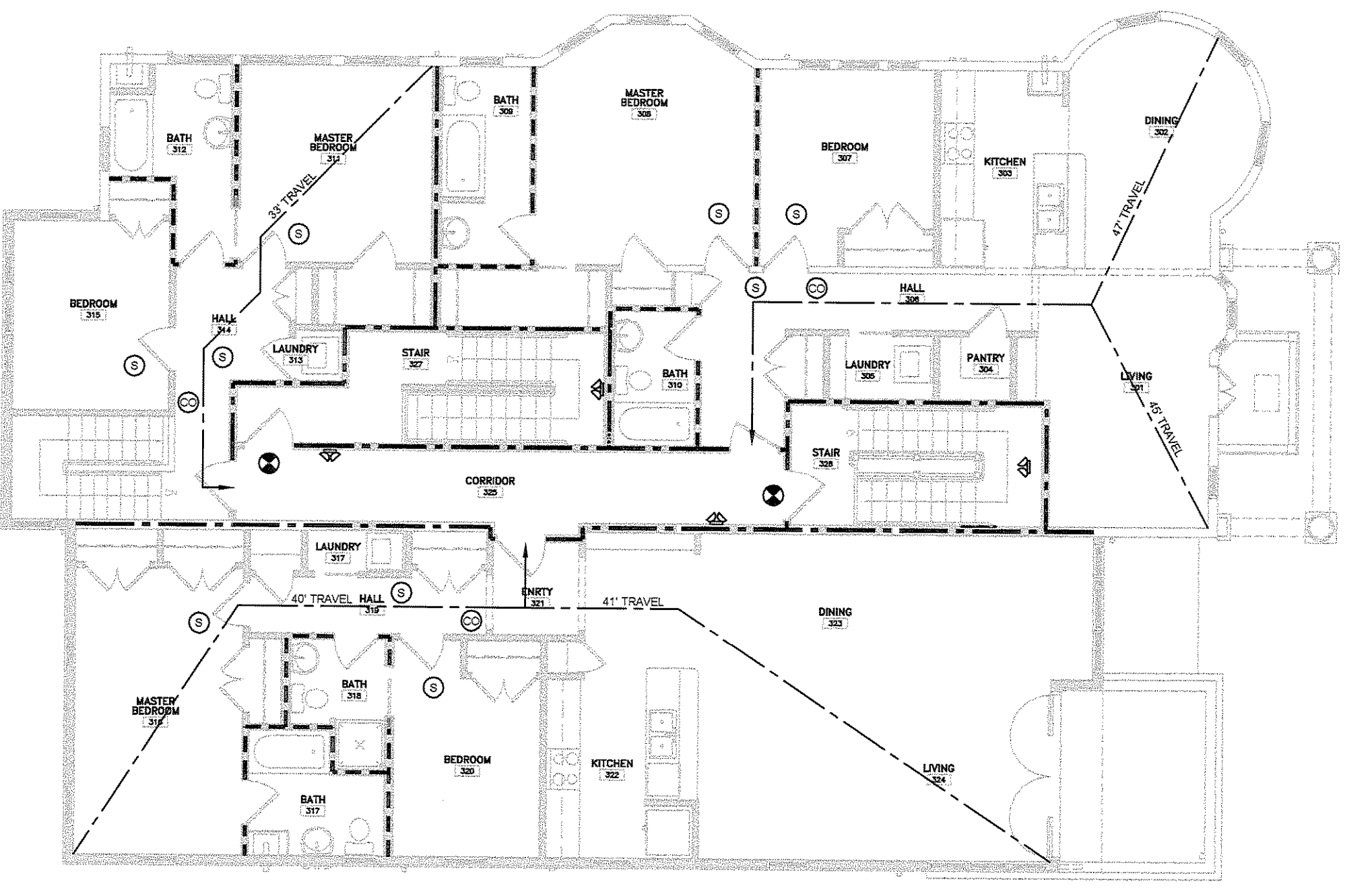
**SPECIFICATIONS**

**WRAP STRIP:** 1/4" THICK x 1 1/2" MINIMUM WIDTH INTUMESCENT MATERIAL WITH PLASTIC FILM FACING BOTH SIDES. TEMPORARILY SECURE WITH MASKING TAPE. SPECIFIED TECHNOLOGIES INC. (STI) "SpecSeal RED Wrap Strip" OR "SpecSeal BLU Wrap Strip" OR EQUAL.  
**FIRESTOP DEVICE:** IN LIEU OF THE WRAP STRIP AND STEEL COLLAR, A FIRESTOP DEVICE MAY BE USED AS FOLLOWS:  
FOR 3" PVC PIPE (3 1/2" O.D.): STI "SpecSeal LCC" COLLAR #LCC300  
FOR 4" PVC PIPE (4 1/2" O.D.): STI "SpecSeal LCC" COLLAR #LCC400  
DO NOT USE FIRESTOP DEVICE AT JOINTS (JOINT FLANGES) IN PIPE; PROVIDE WRAP STRIP AND STEEL COLLAR

**STEEL COLLAR:** WRAP STRIP MANUFACTURER'S STEEL COLLAR, FABRICATED FROM .016 INCH THICK GALVANIZED SHEET STEEL, WIDTH TO MATCH WRAP STRIP (1 1/2" MINIMUM), WITH 1 INCH x 2 INCH ANCHOR TABS AND RETAINER TABS. ANCHOR TABS TO BE SYMMETRICALLY OPPOSED AROUND COLLAR; PROVIDE 3 TABS FOR 2 1/2" AND 3" PIPE; PROVIDE 4 TABS FOR 4" PIPE.  
**INTUMESCENT SEALANT:** ONE-PART, INTUMESCENT, LATEX ELASTOMER TESTED TO ASTM E 814. MINIMUM EXPANSION OF 3x AT 1000°F. 3M "FIRE BARRIER SEALANT CP 25WB" OR EQUAL.  
**FIRESTOP SEALANT:** SINGLE COMPONENT NONCOMBUSTIBLE FIRE RATED SEALANT TESTED TO ASTM E 814. TESTED TO 3000°F. BOSS 136 FIRESTOP/DRAFT SEALANT" MANUFACTURED BY ACCUMETRIC, LLC., OR EQUAL.

**SEALANT SCHEDULE:**

**INTUMESCENT SEALANT:** PROVIDE AT ALL PENETRATIONS THROUGH RATED CONSTRUCTION FOR PENETRATING ITEMS INCLUDING BUT NOT LIMITED TO: PVC PIPE; ROOF LEADER PIPES; GAS PIPES & LINES; SPRINKLER PIPES; ELECTRICAL & COMMUNICATIONS CABLES & WIRES; AND ALARM SYSTEM WIRES. DO NOT USE INTUMESCENT SEALANT AT DOMESTIC HOT WATER OR HYDRONIC HEATING SYSTEM PIPES.  
**FIRESTOP SEALANT:** PROVIDE AT ALL PENETRATIONS THROUGH RATED CONSTRUCTION FOR PENETRATING ITEMS INCLUDING DOMESTIC HOT AND COLD WATER PIPES AND HYDRONIC HEATING SYSTEM PIPES.



3 THIRD FLOOR LIFE SAFETY PLAN  
G1.2 1/8" = 1'-0"