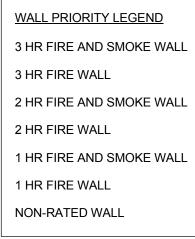
## CODE ANALYSIS

Maine Uniform Building and Energy Code
2009 edition of the International Building Code
2009 edition of the International Existing Building Code
2009 edition of the International Residential Code
2009 edition of the International Energy Conservation Code
ASHRAE Standards 62.1, 62.2, and 90.1
2009 NFPA 1 - Fire Code
2009 NFPA 54 - Natural Fuel and Gas Code
2009 NFPA 101 - Life Safety Code
2007 (UPC) Maine State Plumbing Code
2007 NEC National Electric Code
2010 ADAAG Accessibility Code

## CODE ANALYSIS

| Occupancy:        | Dock - Group S1 Moderate Hazard Storage<br>Office - Group B Separated from Dock with 3<br>Hour Rated Partition<br>Shop - Group S1 Vehical Repair unseperated from Office              |
|-------------------|---|
|                   | <ul> <li>Per IBC 508.3 &amp; Table 508.4 building meets<br/>Nonseperated Occupancy requirements,<br/>Seperation is being provided to allow for future<br/>expansion plans.</li> </ul> |
| Construction Type | e: Type IIB, Unprotected  |
| Allowable Area:   | Dock - Group S1 - 17,500 SF per IBC Table 503   |
| Actual Area :     | Shop       1,096         Dock       5,406 <u>Office</u> 2,335         Total:       8,837  |
| Allowable Height: | 3 Stories, 55'-0"   |
| Actual Height:    | +/- 15' -10" to roof ridge  |
| Fire Protection:  | No Sprinkler System   |
| Travel Distance:  | 200' per IBC Table 1016.1   |

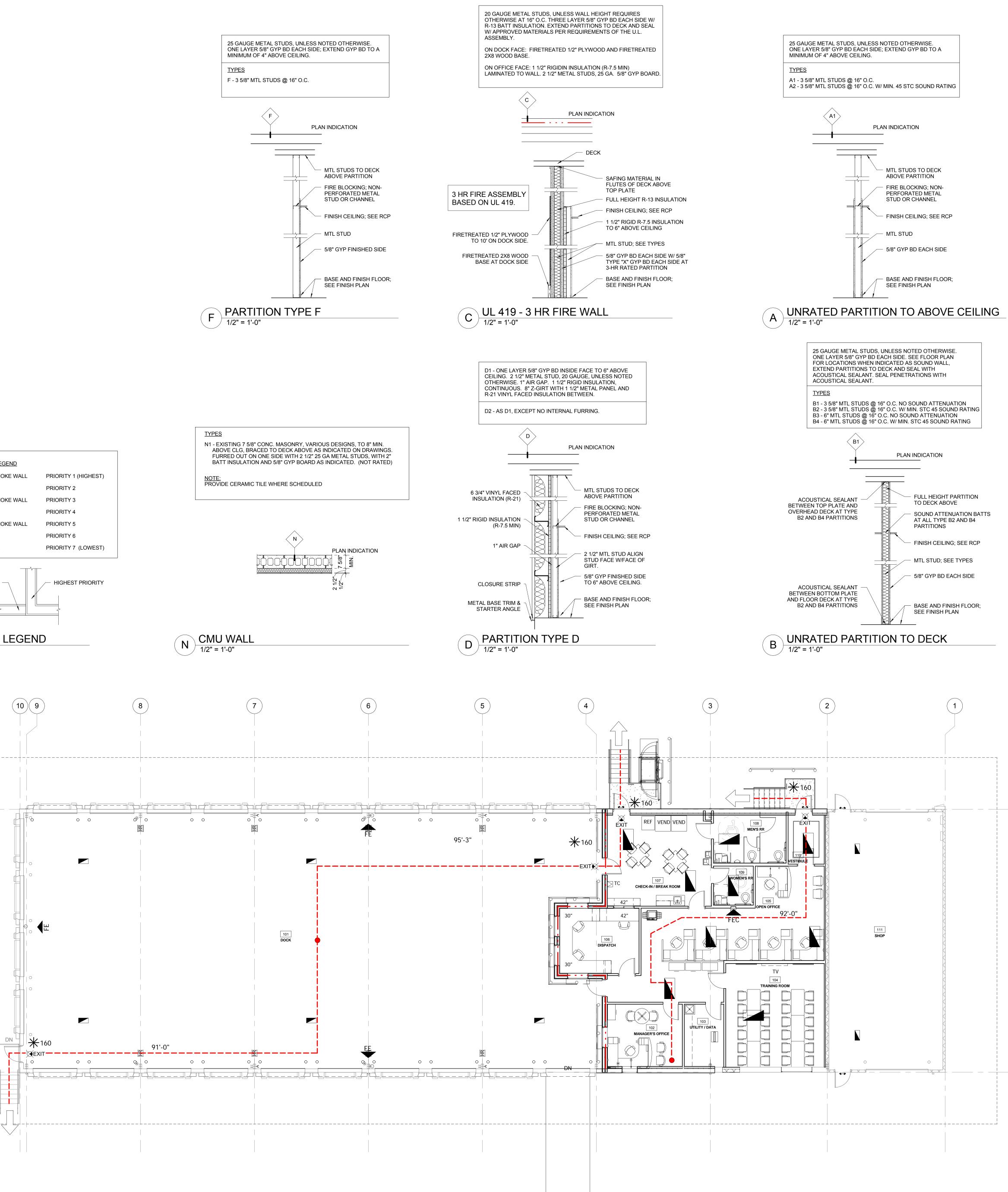
| OCCU  | PANT LOADS - TERMINAL BUILDING   |  |
|---|--|--|
|   |  |  |
| Automatic Fir   | e Sprinkler: Existing: No / Proposed: No   |  |
| Occupant Loa  | ad: Shop $1,096/300 = 4 \text{ occ}$<br>Dock $5,406/300 = 19 \text{ occ}$<br><u>Office <math>2,335/100 = 24 \text{ occ}</math></u><br>Total Occupant Load 47 occ |  |
| Required Egress Width:47 x 0.2" = 10"Provided Egress Width:128" |  |  |
| Max Travel Distance Allowed: 200'-0"                            |  |  |
|   |  |  |
| LIFE SAFETY LEGEND  |  |  |
| $\otimes$   | Exit Sign  |  |
| 170'-0"   | Maximum Travel Distance  |  |
|   | Point of Egress  |  |
| *   | Maximum Exit Capacity (Number of People)   |  |
| Φ   | Fire Extinguisher (Wall Mount)   |  |
|   | Fire Extinguisher (Recessed Wall Cabinet)  |  |
|   | Emergency Overhead Lighting  |  |
|   | Emergency Outdoor Lighting   |  |



LOWEST PRIORITY



 $(\mathbf{B}_{1})$ 







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3 LIFE SAFETY PLAN 1/8" = 1'-0"

0 4' 8'