

Outline Specification  
Marine Security Guards Residence Guard booth  
Svanemollevej 12  
Copenhagen, Denmark

GENERAL

The purpose of this outline, is to provide an understanding of what the expectations are, and what the main features are to be included in the Guard Booth. If there are any questions, please direct your inquiry to John Wade, in care of the US Embassy, Copenhagen.

The project is located at the rear property line at the address referenced above, so it is my understanding there is an 8.2 foot height limit. (confirm) Care is to be taken to assure drainage is unobstructed between the fence and the new guard booth, due to the close proximity to the existing brick wall. There is an existing shed, which is to be removed in its entirety and legally disposed of. The existing slab may remain, but is rough and at grade, so the desire is to pour a cap slab, or at minimum a 3" high base/ foundation for the framing sill plate. All references are in American standard terminology, and may be converted to approximate comparative metric standards. Guard Booth sketches A1 and A2 are provided to convey the general physical configuration of the project, but may not be appropriate for Danish standard carpentry traditions or Danish Code, which the final work is to comply with. There is a length of electrical cable in the shed that belongs to the existing site lighting, and is to be protected.

CONCRETE

Concrete is to be normal 30MPa strength, reinforced with wire mesh or light reinforcing bars.

FRAMING

Walls are to be of 2x4 studs, 16" oc. Maximum. Roof joist are to be 2x8s at 24"oc, maximum. Roof sheathing is to be 5/8" thick exterior grade plywood. Wall sheathing is to be 1/2" OSB or exterior grade plywood. Sill plate is to be pressure treated and anchored through the new concrete, into the existing with 3/8" expansion anchors, 2 feet on center, or 6" from ends and splices. All materials are to be new, and of the best construction grades. All carpentry and attachments are to be done in a workmanlike manner and in strict compliance with Danish carpentry standards and codes.

INSULATION AND WEATHER PROOFING

Wall insulation blanket is to be nominal 3 1/2" thick, R-11 foil or paper faced batts. Roof insulation blanket is to be nominal 6" thick, R-19. Assure ventilation space above the roof insulation allows for the free flow of air from the screened soffit vents at either side of the building. Exterior vapor barrier or damp proofing to be 15 lb. asphalt impregnated felt paper, Tyvec, or other approved product. Roofing to be a 2 ply torch down or mechanically attached built-up roof. All flashing, drips, gutters and downspouts are to be installed according to SMACNA standards or Danish equivalent.

DOOR AND WINDOW

The door is to be exterior grade, 1/2 glass hollow metal or wooden door with lockset and dead bolt. Window to be a modular unit in approximate size indicated, wood or metal to match the door. Install with flashing, sealant and threshold as required to provide a weatherproof and satisfactory job.

### INTERIOR FINISH

Interior walls to be gypsum board, taped and sanded to a smooth finish. Walls are to be primed and panted, with a flat latex paint. Finish trim to include vinyl base, faceplates on all outlets and switches, sealed floor and painted wooden sill at the window.

### EXTERIOR FINISH

Exterior to be clad in a weather tight horizontal wood siding, or synthetic product as approved; Exterior grade paint or integral permanent color as approved .

### ELECTRICAL

Power is to be brought from the panel in the main house through existing underground conduits. Supply is to be adequate for the installation of a duplex switched outlet; 4 utility outlets and an electric, wall mounted heater. The heater is to be sized to provide an ambient temperature of 68 degrees in below freezing conditions as may be anticipated.

### PHONE / DATA

Phone and data lines are similarly to be brought from the main house to provide connectivity. Final punch-down of the telephone, and the telephone itself, are to be provided by others. Coordinate power and signal installations to avoid interference; and coordinate with others, who will be installing a monitoring station for the facility cameras.

### SUBMITTALS

Please submit the following for review and approval:

- Cut sheets on proposed door and window
- Cut sheets on proposed roofing and weather proof moisture barrier
- Cut sheets on proposed siding
- Cut sheets on proposed Electric heater
- Discussion on proposed variations from the attached sketches

END