

SPECIFICATIONS

TOWN OF PLAINFIELD: TOWN HIGHWAY GARAGE

MEASUREMENTS:

50' x 100'
16' ceilings

EXCAVATION:

Site preparation done by town.
Excavation and backfill for footings, sewer and well ditches.

FOUNDATION:

Footings: 8" x 16" 3000# Miller concrete with 2 rows of $\frac{1}{2}$ " rebar.
Walls: 8" x 8' 3000# Miller concrete 4' above and 4' below ground and with 2 rows of $\frac{1}{2}$ " rebar near top and anchor bolts every 8'.
Aprons: Concrete aprons outside of 14' x 16' garage doors.

SLAB:

6" thick.
3000# Miller concrete.
6" x 6" 1010 wire mesh with $\frac{1}{2}$ " rebar every foot both ways.
Power troweled

WALLS:

Sill sealer
2" x 6" plates
2" x 6" x 12' studs, 16" on center
5/8" aluminium drip edge between sheets of T-111
2" x 12" x 20' door headers for 14' x 16' garage doors
2" x 10" window headers
double 2" x 6" top plates.
T-111 siding down to 1' above ground
Soffit and corner boards of rough sawn pine (#3 grade or better)
Interior wall surfaces covered with 5/8" fireproof sheetrock, taped and covered with one coat of joint compound on joints, one coat latex primer and $\frac{1}{2}$ " CDX plywood over lower 4' of sheetrock in shop area only.

CEILINGS:

Covered with 5/8" fireproof sheetrock, taped and with one coat joint compound on joints.
16' in height

From Contract
w/ materials
construct
CONSTRUCT

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ROOF:

50' truss rafters (60# live load) strapped with 1" x 4" rough
sawn hemlock or spruce 1' on center.

5/12 pitch

12" overhang on north side; gable ends are flush

Sufficient overhang to shade high summer sun from windows on
the south side (not to exceed 2 1/2 feet). *OWN Pres.*

Standing seam steel roofing

Sept 8, 83

INSULATION:

R 19 in walls,

R 38 in ceilings

Continuous vapor barrier in side walls only

2" styrofoam over concrete walls full height and protected
with T-111 above ground. + Aluminum Flashing

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VENTILATION:

1 vent in each gable end

Soffit vents full length

4 variable speed industrial ceiling fans

DOORS AND WINDOWS:

2 - 16' wide x 14' high doors, without glass, insulated R 7,
weatherstripped and electric with 2 emergency openers.

3 - 3' x 6'8" flush entrance doors with weatherstripping; one
in each gable end, one for police officers' office.

8 - 34"h x 76"w fixed insulated glass windows

2 - 2' x 3 1/2' double hung insulated windows (approx. size)

ELECTRICAL: Boka Approved.

200 amp entrance

4 photoelectric controlled yard lights,

50 amp 220 outlet for welder

30 amp 220 outlet for air compressor

20 20 amp outlets with ground fault breaker

30 amp feeder to adjacent building with new entrance box

Wiring for furnace and water pump

All electric wiring in conduit, except in bathroom

36 PCS 8' industrial florescent light fixtures in 3 rows with
3 switches inside each gable end - pass door

Bathroom: electric baseboard heat

florescent fan light in celing with switch by door

PLUMBING: Boka Approved.

Drainage:

Three 2'x2'x2' catch basins with cast iron traps

1" steel grate cover

All drainage PVC or equal ("Schedule 40" Boka Approved)

Shower drainage - rough in to septic

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Fixtures:

Used cast iron slop sink
Used toilet
No shower

Water:

From well to hot water heater and to bathroom sink and toilet.
From hot water heater to bathroom sink

Heating:

30-40 gallon electric hot water heater
450,000 BTU oil furnace with tonnet, 3 grills to direct heat, and connection to fuel tank

MASONRY:

One chimney of concrete block with two 8" x 12" flues and 2 bottom clean-outs.

BATHROOM:

Dimensions: 6' x 10'

Framing:

2"x4"x8' sidewalls; 2" x 8" ceiling joists

Insulation:

R-11 on inside walls and R-19 in ceiling

Exterior:

5/8" fire rated sheetrock on side walls and 1/2" CDX plywood above ceiling joists and 1/2" CDX plywood over sheetrock on exterior wall facing shop area

Interior:

Covered with 5/8" fire rated sheetrock, taped and primed with one coat of latex primer

1 door: pre-hung hollow-core luan

Base cabinet under slop sink

PAINTING:

Interior:

One coat latex primer on sheetrock only

Exterior:

One coat oil-based gray stain on T-111, soffits and trim boards.

ALARM SYSTEM:

Fire and burglar to be contracted separately by Town.

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