

DIVISION 1 - GENERAL REQUIREMENTS

- A. Any contractor proposed changes to construction details or materials substitutions are to be reviewed with the Architect for prior approval.
- B. Cleanings: The general contractor and the subcontractors shall remove all rubbish daily caused by their respective work from the building and site.
- C. Building Codes: Conform with all State and local building ordinances, including the New York State Energy Conservation Construction Code, having jurisdiction.
- D. Building Insurance, Permits and Fees: The Contractor shall be responsible for obtaining all necessary insurances, permits and shall pay all necessary fees.

DIVISION 2 - EXCAVATION, BACKFILL, GRADING, PAVING AND SITE DEVELOPMENT

- A. Excavations: Excavations shall be made to the dimensions and allowances indicated on Drawings. Excavations shall be made to the indicated or required levels in undisturbed earth or compacted fill (95%).
- B. Backfill: After completion of foundations, footings and other construction below the elevation of final grades, excavations shall be cleaned of debris before backfilling. Backfill material shall be free of deleterious matter and shall be brought to correct elevations.
- C. Grading: Areas to be graded shall include all site area around the buildings. Topsoil is to be stockpiled and thence placed over rough grading to 6" depth to extent available as construction is completed.
- D. Plastic drain tile to extend around perimeter of new construction as shown. Pitch 1/8" per foot and connect as required.

DIVISION 3 - CONCRETE WORK

- A. Concrete footings and foundation walls: 3,000 psi @ 28 days, 3" slump maximum; 470 lbs. of cement per cubic yard of concrete minimum. Maximum aggregate size - 82. Reinforced per Architectural Drawings.
- B. Slabs: 4" thick, 3,000 psi @ 28 days, 4" slump maximum; 520 lbs. of cement per cubic yard of concrete minimum. Maximum aggregate size - #1. Reinforced per Architectural Drawings.
- C. All concrete work shall be in accordance with the following:
 ACI - 614 - Recommended Practice for Measuring, Mixing and Placing Concrete.
 Concrete slabs shall be placed on 4" compacted stone fill and "No-stop" vapor barrier. Use vapor barrier under all interior slabs. Include 4" concrete entry slabs and walk as indicated on Drawings.
- D. All reinforcing steel shall be Grade 60 (fy = 60 ksi) deformed bars, in accordance with latest ASTM Spec. A-616-50.
- E. Reinforcing details shall be made in accordance with the latest edition of the Manual of Standard Practice for Detailing concrete Structures, ACI Standard 315.
- F. Anchor bolts shall be in accordance with ASTM Spec. A-307.
- G. Welded wire fabric (W/F) shall conform to ASTM A-185 and shall be properly supported as detailed on the Drawings.

DIVISION 4 - MASONRY WORK

- A. Work included: Provide brick masonry, color and texture to match existing buildings, where shown on the Drawings, as specified herein, and as needed for a complete and proper installation. Allow \$375 per thousand.
- B. Provide accessory shapes as indicated or otherwise required.
- C. Comply with the following as minimums.
 1. Bars: ASTM A-615, Grade 40, unless otherwise shown on the Drawings, using deformed bars for #3 and larger.
 2. Bonding: ACI-318.
 3. Wire reinforcement: ASTM A-82.
- D. Fabricate reinforcement in accordance with recommendations contained in CSI "Manual of Standard Practices."

DIVISION 5 - METALS

- E. Wall reinforcing: All brick walls shall be reinforced with Dur-O-Wall, truss-type reinforcing at 16" o.c. vertically, as manufactured by Dur-O-Wall manufacturers, or equal.
- F. Mortar:
 1. Provide mortar Type "M" in accordance with ASTM C-270.
 2. Proportions: For Type "M" mortar, provide one part Portland Cement to 1 1/4 part hydrated lime and 3-3/4 parts sand by volume.

DIVISION 6 - ROUGH AND FINISH CARPENTRY

- A. This section includes all plates, joists, studs, rafters, ridges, blocking, struts, posts, headers, ledgers, hangers and rough hardware needed to complete all framing work as shown on the Drawings. Studs which rest on concrete or masonry shall be seasonably dry and well seasoned. Plywood roof sheathing shall be "plyscore" C-90 exterior 1/2" thick. Rough framing shall include all blocking to properly support all woodwork, base, trim, plumbing, heating and electrical fixtures. Rough carpenter shall cooperate with all trades in providing blocking, backing, cutting and patching, as required.
- B. Lumber standard: American Softwood Lumber Standard PS-20 (US Dept. Comm.), S4S, 13% moisture at time of dressing, except as otherwise indicated.
- C. Light framing (4x4 maximum): Standard grade, Hem/Fir or local equivalent.
- D. Structural framing (2x6 to 4x14): No. 1 grade, Hem/Fir or local equivalent. Stress grade: 1200 psi minimum, factory marked.
- E. All exterior wood blocking and plywood shall be pressure treated wood as outlined and dimensioned on Drawings.
- F. All cedar siding and trim shall be Grade No. 3.

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

- A. Provide building insulation in thickness and type indicated on Drawings.
- B. Provide new self-sealing 25 year fiber-glass roof shingles over self-adhesive self-sealing "ice and water barrier" by Grace or approved and extended up to 3'-0" minimum to insure a waterproof condition.
- C. Joint sealers:
 1. Plain caulking: Use plain caulking compound under door saddles, at metal flashing and for interior caulking.
 a. Manufacturer: One of the following or approved equal:
 Tremco Manufacturing Co.
 Peacor, Inc.
 DAP, Inc.
- 2. All exterior caulking shall be done with a two-part polyurethane liquid polymer base.
 a. Manufacturer: One of the following or approved equal:
 Tremco Manufacturing Co.
 Peacor, Inc.
 Dymetric as manufactured by Tremco Mfg. Co.

DIVISION 8 - DOORS AND WINDOWS

- A. Hollow metal doors and frames shall be hot-rolled, pickled and oiled in accordance with the latest edition of the Manual of Standard Practice for Detailing concrete Structures, ACI Standard 315, and anchored with manufacturer's standard units. Prepare doors and frames to receive mortised and concealed finish hardware, including cutouts, reinforcing, drilling and tapping.
- B. Hardware to be:
 3 Hinges F88179 X NRP 4-1/2" X 4-1/2" X US240 Stanley
 1 Lock S2044
 1 Weatherstrip 804 Reese
 1 Sweep 323 Reese

DIVISION 9 - FINISHES

- A. Drywall:
 1. Gypsum drywall shall be standard 1/2" thick, or "Type X" 5/8" thick as indicated on Drawings, applied to framing or furring supports per Drawings. Type W/R to be used in damp areas.
 2. Drywall shall be installed in strict accordance with manufacturer's instructions. Wall, corner and adhesive shall comply with governing ASTM regulations. Channels, clips and corner beads, where installed, shall comply with manufacturer's directions. Drywall shall be installed at right angles to framing members. All vertical exterior corners will be protected with metal corner beads. All joints shall be taped, cemented and sanded in accordance with manufacturer's directions.
- 3. Use manufacturer's standard metal accessories and finishing materials.
- B. Painting:
 Provide the following priming and finishing at interior and exterior surfaces as manufactured by Pratt & Lambert, Inc. (PAL) or approved equal:
 Gypsum Drywall:
 First coat - Latex primer (PAL Varnex wall primer)
 Second coat - Alkyd enamel (PAL Cellu-tone satin)
 Third coat - Alkyd enamel (PAL Cellu-tone satin)
 Not less than 2.5 mils dry film thickness.
 Ferrous metals: Apply metallic primer to all unpainted surfaces. Touch-up primed surfaces and apply:
 Two (2) coats of semi-gloss alkyd (PAL Cellu-tone satin).

RECORD DRAWINGS
 THESE RECORD DRAWINGS HAVE BEEN PREPARED BY THE ARCHITECT AND SHALL BE THE BASIS FOR THE CONSTRUCTION OF THIS PROJECT. ANY CHANGES TO THESE DRAWINGS MUST BE MADE BY THE ARCHITECT.
 HARRY S. JORDAN GARDENS
 12/2/91

	<h1 style="margin: 0;">HARRY S. JORDAN GARDENS - NY 11-2</h1> <h2 style="margin: 0;">COMPREHENSIVE IMPROVEMENT ASSISTANCE PROGRAM</h2>	<p style="font-size: small;">Architect: Shepley, Bulfinch & Associates 45 Allen Street Buffalo, NY 14203-0813</p> <p style="font-size: small;">Mechanical: McGraw-Hill 1907 Elmwood Avenue Buffalo, NY 14225-1500</p> <p style="font-size: small;">Structural/Consulting: E. Paul Johnson & Associates 1000 Main Street Buffalo, NY 14203-0250</p>
<p>job title METER BUILDING SPECIFICATIONS</p>	<p>NIAGARA FALLS HOUSING AUTHORITY ANTHONY SPALLINO TOWERS</p>	<p>NIAGARA FALLS, NEW YORK 14301</p>
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