

**DEPARTMENT OF DEVELOPMENTAL SERVICES
NORTH REGION
INVITATION TO BID**

- *PROJECT # and PROJECT TITLE:*

DDS 2007 Church Street Bathroom Renovation

- *MANDATORY PRE-BID MEETINGS TO BE HELD ON:*
**12/21/11 at 10:00 am at 395 Church Street Newington
OR 12/23/11 at 9:30 am**

- *PRE-BID MEETING TO BEGIN AT:*
395 Church Street Newington Connecticut

Please call 860-263-2486 to pre-register for site visit

*REQUESTS FOR CLARIFICATION, QUESTIONS CONCERNING SCOPE OF WORK,
AND PROPOSED SUBSTITUTION(S) OF PRODUCTS ARE DUE TO THE FACILITIES*

REPRESENTATIVE BY: 1/3/12 at 2:00pm

- *(OPTIONAL) SITE VIST for CLARIFICATIONS, QUESTIONS AND FINAL
MEASUREMENTS - NONE*
- *CLARIFICATION AND ANSWERS TO QUESTIONS WILL BE POSTED ON THE DAS
WEB PORTAL BY: 1/12/12 at 2:00pm*
- *BID OPENING DATE AND TIME: 1/26/12 at 2:00pm*
- *DDS FACILITY REPRESENTATIVE:*

**John Massicotte, Plant Facility Engineer
Office-860-263-2486, Fax- 860-622-4996, Email- john.massicotte@ct.gov**

- *DDS BUSINESS OFFICE REPRESENTATIVE:*

**Lauren Marziarz
DDS Business Services
104 South Turnpike Road
Wallingford, CT 06492
Office 203-294-5167 Fax 860-622-4992 Email- Lauren.Marziarz@ct.gov**

All bids will be received at the date, time, and place (Business Office) specified and thereafter publicly opened and read aloud. The Department of Developmental Services is an Equal Employment/Affirmative Action Organization and will not knowingly do business with an organization/contractor that is or has been found to discriminate.

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BIDDING REQUIREMENTS - INSTRUCTIONS TO BIDDERS

**** Failure to complete and submit any of the required forms, documents, or information will result in rejection of your bid. Should this occur, your bid will be deemed non-responsive and rejected. DDS reserves the right to not award this contract in whole or in part. Conditional bids will also be rejected. A conditional bid is defined as one limiting or modifying any of the terms and conditions and/or specifications.**

Forms REQUIRED to be submitted AT BID OPENING WITH all bids

- **** BID FORM** ((2 pages, attached))

REQUIRED bond or check to be submitted AT BID OPENING WITH bids equal to or greater than \$10,000

- **** BID BOND OR CERTIFIED CHECK** per section IB. 1.11

Additional forms REQUIRED to be submitted WITH all bids equal to or greater than \$100,000

- **** CONTRACTORS WAGE CERTIFICATION FORM** (Dept. of Labor prevailing wage requirements) per section IB 1.10 ((1 page, attached))

The following forms / documents are required to be submitted after bid opening, by lowest bidder only, before Purchase Order can be issued. These forms must be submitted either along with your bid, or, within 5 business days of being informed you are the lowest bidder. If not received within 5 business days, your bid may be deemed non-responsive and may be rejected. It is strongly encouraged to submit these forms / documents, along with your bid, to administratively accelerate the issuance of a Purchase Order.

- **BIDDER CONTRACT COMPLIANCE MONITORING REPORT** ((2 pages, attached))
- **PROOF OF INSURANCE** per section IB. 1.12
- **PROOF OF REQUIRED CERTIFICATIONS AND TRADE LICENCES**
- **GIFT AND CAMPAIGN CONTRIBUTION CERTIFICATION** ((1 page, attached)) (Required if this bid exceeds \$50,000, or, if this bid causes the sum total of your previous contracts with DDS, in a calendar or fiscal year, to exceed \$50,000).
- **PRE-BID REPRESENTATIVE FORM** ((1 page, attached))
- **EXPERIENCE, REFERENCES, & SUB-CONTRACTORS FORM** ((1 page, attached))
- **PERFORMANCE, LABOR, & MATERIAL BONDS** (Required for projects equal to or greater than \$50,000) (Note: this form not required or suggested to be submitted with bid, but is required before issuance of PO).
- **PROOF OF COMPLETION OF THE 10-HOUR OSHA CONSTRUCTION SAFETY AND HEALTH COURSE - PER Public Act No. 06-175** (Required for projects equal to or greater than \$100,000)

BID FORM (page 1 of 2)

TO: **Lauren Marziarz**
DDS Business Services
104 South Turnpike Road
Wallingford, CT 06492
Office 203-294-5167 Fax 860-622-4992 Email- Lauren.Marziarz@ct.gov

FOR: Project #: DDS 2007
Project Title: CHURCH STREET BATHROOM RENOVATION
Location: 395 Church Street Newington

FROM: (Company Name) _____

In compliance with the Instruction to Bidders & Conditions of Bid (section I.B. 1.09), and subject to all conditions thereof, the undersigned offers and agrees to furnish all labor and materials and to complete work called for by the project’s technical specifications within the allotted time of (**35**) **calendar days** for the Lump Sum of:

BASE BID:
WORDS: _____

DOLLARS Figures: (\$ _____).

NOTE: A bid surety of not less than 10% of base bid amount is required to accompany bid in the form of a bond or certified check made out to the “Comptroller of the State of Connecticut” if base bid exceeds \$10,000. Failure to provide this bid surety will result in **rejection** of this bid.

Supplemental bids listed below, if requested and if accepted by the Owner, will be taken in numerical order as follows:

Note: Contractors failing to provide supplemental bids shall be deemed non-responsive and will be rejected.

Supplemental Bid No. 1 (NONE)
WORDS _____ DOLLARS
Figures: (\$ _____).

Supplemental Bid No. 2 (NONE)
WORDS _____ DOLLARS
Figures: (\$ _____).

BID FORM (page 2 of 2)

The General Contractor on this project will be required to perform not less than (**50%**) of the completed dollar value of the work with its own forces.

I (we), the undersigned, hereby declare that I am (we are) the only person(s) interested in this bid: That it is made without any connection with any other person making any bid for the same work: that no person acting for, or employed by, the State of Connecticut is directly or indirectly interested in this bid, or in any contract which may be made under it, or in expected profits to arise there from; that this bid is made without directly or indirectly influencing or attempting to influence any other person or corporation to bid or to refrain from bidding or to influence the amount of the bid of any other person or corporation: that this bid is made in good faith without collusion or connection with any other person bidding for the same work; and that this bid is made with distinct reference and relation to the plans and specifications prepared for this contract.

I (we) further declare that in regard to the conditions affecting the work to be done and the labor and materials needed, this bid is based solely on my (our) own investigation and research and not in reliance upon any representations of any employee, officer or agent of the State.

I have carefully read, understand and will comply with all of the above Project Terms and Conditions, Security Regulations and Scope of Work. I have received and incorporated all Addendums (if any) posted on the DAS Web Portal and have incorporated these within the bid.

Contractor Owner/Officer _____ Date: _____

Title _____

Company Name _____

Address _____

City, State Zip _____

Phone # _____ Fax # _____ FEIN# _____

Email Address: _____

Signature: _____

Contractor Owner/Officer

Subscribed and sworn to before me this _____ day of _____, 20_____

Notary Public

**** END OF SECTION - BID FORM ****

PRE-BID REPRESENTATIVE FORM

_____ was represented at the pre-bid meeting
(Company Name)

held on _____ by _____
(date of meeting) (name of representative)

and, therefore, we are fully responsible for all information, site conditions, and other items discussed at the meeting.

Signature

Title

Date

EXPERIENCE, REFERENCES, & SUB-CONTRACTORS FORM

EXPERIENCE / REFERENCES

** Reference IB 1.06 (Contractor Qualification Requirement)
List similar type installations/projects completed in the last 18 months (at least 2).

Customer Name (Company)	Contact Person	Phone #	Address of Job	Type of Work Performed
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____

Sub-Contractors

List Sub-Contractors to be used on this project.

Sub-Contractor's Company Name	Contact Person	Phone #	% of Work by Sub-Contractor (Maximum 50%)	Type of Work to be Performed
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____

COMMISSION ON HUMAN RIGHTS AND OPPORTUNITIES
CONTRACT COMPLIANCE REGULATIONS
NOTIFICATION TO BIDDERS

(Revised 09/17/07)

The contract to be awarded is subject to contract compliance requirements mandated by Sections 4a-60 and 4a-60a of the Connecticut General Statutes; and, when the awarding agency is the State, Sections 46a-71(d) and 46a-81i(d) of the Connecticut General Statutes. There are Contract Compliance Regulations codified at Section 46a-68j-21 through 43 of the Regulations of Connecticut State Agencies, which establish a procedure for awarding all contracts covered by Sections 4a-60 and 46a-71(d) of the Connecticut General Statutes.

According to Section 46a-68j-30(9) of the Contract Compliance Regulations, every agency awarding a contract subject to the contract compliance requirements has an obligation to “aggressively solicit the participation of legitimate minority business enterprises as bidders, contractors, subcontractors and suppliers of materials.” “Minority business enterprise” is defined in Section 4a-60 of the Connecticut General Statutes as a business wherein fifty-one percent or more of the capital stock, or assets belong to a person or persons: “(1) Who are active in daily affairs of the enterprise; (2) who have the power to direct the management and policies of the enterprise; and (3) who are members of a minority, as such term is defined in subsection (a) of Section 32-9n.” “Minority” groups are defined in Section 32-9n of the Connecticut General Statutes as “(1) Black Americans . . . (2) Hispanic Americans . . . (3) persons who have origins in the Iberian Peninsula . . . (4) Women . . . (5) Asian Pacific Americans and Pacific Islanders; (6) American Indians . . .” An individual with a disability is also a minority business enterprise as provided by Section 4a-60g of the Connecticut General Statutes. The above definitions apply to the contract compliance requirements by virtue of Section 46a-68j-21(11) of the Contract Compliance Regulations.

The awarding agency will consider the following factors when reviewing the bidder’s qualifications under the contract compliance requirements:

- (a) the bidder’s success in implementing an affirmative action plan;
- (b) the bidder’s success in developing an apprenticeship program complying with Sections 46a-68-1 to 46a-68-17 of the Administrative Regulations of Connecticut State Agencies, inclusive;
- (c) the bidder’s promise to develop and implement a successful affirmative action plan;
- (d) the bidder’s submission of employment statistics contained in the “Employment Information Form”, indicating that the composition of its workforce is at or near parity when compared to the racial and sexual composition of the workforce in the relevant labor market area; and
- (e) the bidder’s promise to set aside a portion of the contract for legitimate minority business enterprises. See Section 46a-68j-30(10)(E) of the Contract Compliance Regulations.

INSTRUCTIONS AND OTHER INFORMATION

The following BIDDER CONTRACT COMPLIANCE MONITORING REPORT must be completed in full, signed, and submitted with the bid for this contract. The contract awarding agency and the Commission on Human Rights and Opportunities will use the information contained thereon to determine the bidders compliance to Sections 4a-60 and 4a-60a CONN. GEN. STAT., and Sections 46a-68j-23 of the Regulations of Connecticut State Agencies regarding equal employment opportunity, and the bidders good faith efforts to include minority business enterprises as subcontractors and suppliers for the work of the contract.

1) **Definition of Small Contractor**

Section 4a-60g CONN. GEN. STAT. defines a small contractor as a company that has been doing business under the same management and control and has maintained its principal place of business in Connecticut for a one year period immediately prior to its application for certification under this section, had gross revenues not exceeding ten million dollars in the most recently completed fiscal year, and at least fifty-one percent of the ownership of which is held by a person or persons who are active in the daily affairs of the company, and have the power to direct the management and policies of the company, except that a nonprofit corporation shall be construed to be a small contractor if such nonprofit corporation meets the requirements of subparagraphs (A) and (B) of subdivision 4a-60g CONN. GEN. STAT.

2) **Minority & Small Business Set-Aside Program**

A minimum of 6.25 percent (6.25%) of each contract awarded to a Small Business Enterprise shall be reserved for Minority Business Enterprises (MBE). Note: Minority Business Enterprises includes Women Business Enterprises. Exceptions: 1) If a project involves a specialty trade, for which no registered certified contractor can qualify to submit a bid, the contract may be awarded to a non-set-aside contractor; 2) If a project involves a specialty trade, for which no certified contractor can qualify as a subcontractor then the contract can be awarded without the (6.25%) MBE requirement; 3) If the contractor performs more than ninety-three and three quarter’s percent (93.75%) of the work then the (6.25%) MBE requirement can be waived.

3) Description of Job Categories (as used in Part IV Bidder Employment Information)

<p>MANAGEMENT: Managers plan, organize, direct, and control the major functions of an organization through subordinates who are at the managerial or supervisory level. They make policy decisions and set objectives for the company or departments. They are not usually directly involved in production or providing services. Examples include top executives, public relations managers, managers of operations specialties (such as financial, human resources, or purchasing managers), and construction and engineering managers.</p> <p>BUSINESS AND FINANCIAL OPERATIONS: These occupations include managers and professionals who work with the financial aspects of the business. These occupations include accountants and auditors, purchasing agents, management analysts, labor relations specialists, and budget, credit, and financial analysts.</p> <p>COMPUTER SPECIALISTS: Professionals responsible for the computer operations within a company are grouped in this category. Examples of job titles in this category include computer programmers, software engineers, database administrators, computer scientists, systems analysts, and computer support specialists</p> <p>ARCHITECTURE AND ENGINEERING: Occupations related to architecture, surveying, engineering, and drafting are included in this category. Some of the job titles in this category include electrical and electronic engineers, surveyors, architects, drafters, mechanical engineers, materials engineers, mapping technicians, and civil engineers.</p> <p>OFFICE AND ADMINISTRATIVE SUPPORT: All clerical-type work is included in this category. These jobs involve the preparing, transcribing, and preserving of written communications and records; collecting accounts; gathering and distributing information; operating office machines and electronic data processing equipment; and distributing mail. Job titles listed in this category include telephone operators, payroll clerks, bill and account collectors, customer service representatives, files clerks, dispatchers, shipping clerks, secretaries and administrative assistants, computer operators, mail clerks, and stock clerks.</p>	<p>BUILDING AND GROUNDS CLEANING AND MAINTENANCE: This category includes occupations involving landscaping, housekeeping, and janitorial services. Job titles found in this category include supervisors of landscaping or housekeeping, janitors, maids, grounds maintenance workers, and pest control workers.</p> <p>CONSTRUCTION AND EXTRACTION: This category includes construction trades and related occupations. Job titles found in this category include boilermakers, masons (all types), carpenters, construction laborers, electricians, plumbers (and related trades), roofers, sheet metal workers, elevator installers, hazardous materials removal workers, paperhangers, and painters. Paving, surfacing, and tamping equipment operators; drywall and ceiling tile installers; and carpet, floor and tile installers and finishers are also included in this category. First line supervisors, foremen, and helpers in these trades are also grouped in this category..</p> <p>INSTALLATION, MAINTENANCE AND REPAIR: Occupations involving the installation, maintenance, and repair of equipment are included in this group. Examples of job titles found here are heating, ac, and refrigeration mechanics and installers; telecommunication line installers and repairers; heavy vehicle and mobile equipment service technicians and mechanics; small engine mechanics; security and fire alarm systems installers; electric/electronic repair, industrial, utility and transportation equipment; millwrights; riggers; and manufactured building and mobile home installers. First line supervisors, foremen, and helpers for these jobs are also included in the category.</p> <p>MATERIAL MOVING WORKERS: The job titles included in this group are Crane and tower operators; dredge, excavating, and lading machine operators; hoist and winch operators; industrial truck and tractor operators; cleaners of vehicles and equipment; laborers and freight, stock, and material movers, hand; machine feeders and offbearers; packers and packagers, hand; pumping station operators; refuse and recyclable material collectors; and miscellaneous material moving workers.</p>
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4) Definition of Racial and Ethnic Terms (as used in Part IV Bidder Employment Information)

<p><u>White</u> (not of Hispanic Origin)- All persons having origins in any of the original peoples of Europe, North Africa, or the Middle East.</p> <p><u>Black</u>(not of Hispanic Origin)- All persons having origins in any of the Black racial groups of Africa.</p> <p><u>Hispanic</u>- All persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.</p>	<p><u>Asian or Pacific Islander</u>- All persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes China, India, Japan, Korea, the Philippine Islands, and Samoa.</p> <p><u>American Indian or Alaskan Native</u>- All persons having origins in any of the original peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.</p>
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Bidder Contract Compliance Monitoring Report

PART I - Bidder Information

Company Name Street Address City & State Chief Executive	Bidder Federal Employer Identification Number _____ Or Social Security Number _____
Major Business Activity (brief description)	Bidder Identification (response optional/definitions on page 1) -Bidder is a small contractor. Yes__ No__ -Bidder is a minority business enterprise Yes__ No__ (If yes, check ownership category) Black__ Hispanic__ Asian American__ American Indian/Alaskan Native__ Iberian Peninsula__ Individual(s) with a Physical Disability__ Female__
Bidder Parent Company (If any)	- Bidder is certified as above by State of CT Yes__ No__
Other Locations in Ct. (If any)	- DAS Certification Number _____

PART II - Bidder Nondiscrimination Policies and Procedures

1. Does your company have a written Affirmative Action/Equal Employment Opportunity statement posted on company bulletin boards? Yes__ No__	7. Do all of your company contracts and purchase orders contain non-discrimination statements as required by Sections 4a-60 & 4a-60a Conn. Gen. Stat.? Yes__ No__
2. Does your company have the state-mandated sexual harassment prevention in the workplace policy posted on company bulletin boards? Yes__ No__	8. Do you, upon request, provide reasonable accommodation to employees, or applicants for employment, who have physical or mental disability? Yes__ No__
3. Do you notify all recruitment sources in writing of your company's Affirmative Action/Equal Employment Opportunity employment policy? Yes__ No__	9. Does your company have a mandatory retirement age for all employees? Yes__ No__
4. Do your company advertisements contain a written statement that you are an Affirmative Action/Equal Opportunity Employer? Yes__ No__	10. If your company has 50 or more employees, have you provided at least two (2) hours of sexual harassment training to all of your supervisors? Yes__ No__ NA__
5. Do you notify the Ct. State Employment Service of all employment openings with your company? Yes__ No__	11. If your company has apprenticeship programs, do they meet the Affirmative Action/Equal Employment Opportunity requirements of the apprenticeship standards of the Ct. Dept. of Labor? Yes__ No__ NA__
6. Does your company have a collective bargaining agreement with workers? Yes__ No__ 6a. If yes, do the collective bargaining agreements contain non-discrimination clauses covering all workers? Yes__ No__ 6b. Have you notified each union in writing of your commitments under the nondiscrimination requirements of contracts with the state of Ct? Yes__ No__	12. Does your company have a written affirmative action Plan? Yes__ No__ If no, please explain.
	13. Is there a person in your company who is responsible for equal employment opportunity? Yes__ No__ If yes, give name and phone number. _____ _____

Part III - Bidder Subcontracting Practices

1. Will the work of this contract include subcontractors or suppliers? Yes__ No__ 1a. If yes, please list all subcontractors and suppliers and report if they are a small contractor and/or a minority business enterprise. (defined on page 1 / use additional sheet if necessary) 1b. Will the work of this contract require additional subcontractors or suppliers other than those identified in 1a. above? Yes__ No__
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PART IV - Bidder Employment Information

Date:

JOB CATEGORY	OVERALL TOTALS	WHITE (not of Hispanic origin)		BLACK (not of Hispanic origin)		HISPANIC		ASIAN or PACIFIC ISLANDER		AMERICAN INDIAN or ALASKAN NATIVE	
		Male	Female	Male	Female	Male	Female	Male	Female	male	female
Management											
Business & Financial Ops											
Computer Specialists											
Architecture/Engineering											
Office & Admin Support											
Bldg/ Grounds Cleaning/Maintenance											
Construction & Extraction											
Installation , Maintenance & Repair											
Material Moving Workers											
TOTALS ABOVE											
Total One Year Ago											
FORMAL ON THE JOB TRAINEES (ENTER FIGURES FOR THE SAME CATEGORIES AS ARE SHOWN ABOVE)											
Apprentices											
Trainees											

PART V - Bidder Hiring and Recruitment Practices

1. Which of the following recruitment sources are used by you? (Check yes or no, and report percent used)				2. Check (X) any of the below listed requirements that you use as a hiring qualification (X)		3. Describe below any other practices or actions that you take which show that you hire, train, and promote employees without discrimination	
SOURCE	YES	NO	% of applicants provided by source				
State Employment Service				Work Experience			
Private Employment Agencies				Ability to Speak or Write English			
Schools and Colleges				Written Tests			
Newspaper Advertisement				High School Diploma			
Walk Ins				College Degree			
Present Employees				Union Membership			
Labor Organizations				Personal Recommendation			
Minority/Community Organizations				Height or Weight			
Others (please identify)				Car Ownership			
				Arrest Record			
				Wage Garnishments			

Certification (Read this form and check your statements on it CAREFULLY before signing). I certify that the statements made by me on this BIDDER CONTRACT COMPLIANCE MONITORING REPORT are complete and true to the best of my knowledge and belief, and are made in good faith. I understand that if I knowingly make any misstatements of facts, I am subject to be declared in non-compliance with Section 4a-60, 4a-60a, and related sections of the CONN. GEN. STAT.

(Signature)	(Title)	(Date Signed)	(Telephone)
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STATE OF CONNECTICUT
NONDISCRIMINATION CERTIFICATION – Affidavit
By Entity
For Contracts Valued at \$50,000 or More

Documentation in the form of an affidavit signed under penalty of false statement by a chief executive officer, president, chairperson, member, or other corporate officer duly authorized to adopt corporate, company, or partnership policy that certifies the contractor complies with the nondiscrimination agreements and warranties under Connecticut General Statutes §§ 4a-60(a)(1) and 4a-60a(a)(1), as amended

INSTRUCTIONS:

For use by an entity (corporation, limited liability company, or partnership) when entering into any contract type with the State of Connecticut valued at \$50,000 or more for any year of the contract. Complete all sections of the form. Sign form in the presence of a Commissioner of Superior Court or Notary Public. Submit to the awarding State agency prior to contract execution.

AFFIDAVIT:

I, the undersigned, am over the age of eighteen (18) and understand and appreciate the obligations of an oath. I am _____ of _____, an entity
Signatory's Title Name of Entity
 duly formed and existing under the laws of _____.
Name of State or Commonwealth

I certify that I am authorized to execute and deliver this affidavit on behalf of _____ and that _____
Name of Entity Name of Entity

has a policy in place that complies with the nondiscrimination agreements and warranties of Connecticut General Statutes §§ 4a-60(a)(1) and 4a-60a(a)(1), as amended.

Authorized Signatory

Printed Name

Sworn and subscribed to before me on this _____ day of _____, 20____.

**Commissioner of the Superior Court/
 Notary Public**

Commission Expiration Date



STATE OF CONNECTICUT

GIFT AND CAMPAIGN CONTRIBUTION CERTIFICATION

Certification to accompany a State contract with a value of \$50,000 or more in a calendar or fiscal year, pursuant to C.G.S. §§ 4-250 and 4-252(c); Governor M. Jodi Rell's Executive Orders No. 1, Para. 8, and No. 7C, Para. 10; and C.G.S. §9-612(g)(2), as amended by Public Act 07-1

INSTRUCTIONS:

Complete all sections of the form. Attach additional pages, if necessary, to provide full disclosure about any lawful campaign contributions made to campaigns of candidates for statewide public office or the General Assembly, as described herein. Sign and date the form, under oath, in the presence of a Commissioner of the Superior Court or Notary Public. Submit the completed form to the awarding State agency at the time of initial contract execution (and on each anniversary date of a multi-year contract, if applicable).

CHECK ONE: Initial Certification Annual Update (Multi-year contracts only.)

GIFT CERTIFICATION:

As used in this certification, the following terms have the meaning set forth below:

1. "Contract" means that contract between the State of Connecticut (and/or one or more of its agencies or instrumentalities) and the Contractor, attached hereto, or as otherwise described by the awarding State agency below;
2. If this is an Initial Certification, "Execution Date" means the date the Contract is fully executed by, and becomes effective between, the parties; if this is an Annual Update, "Execution Date" means the date this certification is signed by the Contractor;
3. "Contractor" means the person, firm or corporation named as the contractor below;
4. "Applicable Public Official or State Employee" means any public official or state employee described in C.G.S. §4-252(c)(1)(i) or (ii);
5. "Gift" has the same meaning given that term in C.G.S. § 4-250(1);
6. "Planning Start Date" is the date the State agency began planning the project, services, procurement, lease or licensing arrangement covered by this Contract, as indicated by the awarding State agency below; and
7. "Principals or Key Personnel" means and refers to those principals and key personnel of the Contractor, and its or their agents, as described in C.G.S. §§ 4-250(5) and 4-252(c)(1)(B) and (C).

I, the undersigned, am the official authorized to execute the Contract on behalf of the Contractor. I hereby certify that, between the Planning Start Date and Execution Date, neither the Contractor nor any Principals or Key Personnel has made, will make (or has promised, or offered, to, or otherwise indicated that he, she or it will, make) any **Gifts** to any Applicable Public Official or State Employee.

I further certify that no Principals or Key Personnel know of any action by the Contractor to circumvent (or which would result in the circumvention of) the above certification regarding **Gifts** by providing for any other principals, key personnel, officials, or employees of the Contractor, or its or their agents, to make a **Gift** to any Applicable Public Official or State Employee. I further certify that the Contractor made the bid or proposal for the Contract without fraud or collusion with any person.

CAMPAIGN CONTRIBUTION CERTIFICATION:

I further certify that, on or after December 31, 2006, neither the Contractor nor any of its principals, as defined in C.G.S. § 9-612(g)(1), has made any **campaign contributions** to, or solicited any contributions on behalf of, any exploratory committee, candidate committee, political committee, or party committee established by, or supporting or authorized to support, any candidate for statewide public office, in violation of C.G.S. § 9-612(g)(2)(A). I further certify that **all lawful campaign contributions** that have been made on or after December 31, 2006 by the Contractor or any of its principals, as defined in C.G.S. § 9-612(g)(1), to, or solicited on behalf of, any exploratory committee, candidate committee, political committee, or party committee established by, or supporting or authorized to support any candidates for statewide public office or the General Assembly, are listed below:



STATE OF CONNECTICUT GIFT AND CAMPAIGN CONTRIBUTION CERTIFICATION

Lawful Campaign Contributions to Candidates for Statewide Public Office:

<u>Contribution Date</u> <u>Description</u>	<u>Name of Contributor</u>	<u>Recipient</u>	<u>Value</u>

Lawful Campaign Contributions to Candidates for the General Assembly:

<u>Contribution Date</u> <u>Description</u>	<u>Name of Contributor</u>	<u>Recipient</u>	<u>Value</u>

Sworn as true to the best of my knowledge and belief, subject to the penalties of false statement.

Printed Contractor Name
Official

Signature of Authorized

Subscribed and acknowledged before me this _____ day of _____, 200__.

Commissioner of the Superior Court (or Notary Public)

For State Agency Use Only

_____	_____
Awarding State Agency	Planning Start Date

Contract Number or Description	

STATE OF CONNECTICUT
LABOR DEPARTMENT

WAGE & WORKPLACE STANDARDS DIVISION

**CONTRACTORS WAGE CERTIFICATION
FORM**
Contracts Greater than or Equal to \$100,000

I, _____ of _____
Officer, Owner, Authorized Representative *Company Name*

do hereby certify that the _____
Company Name

Street

City

and all of its subcontractors will pay all workers on the

Project Name and Number

Street and City

the wages as listed in the current Dept. of Labor prevailing wage rates, as required for such project, per section IB 1.10.

Signed

Subscribed and sworn to before me this _____ day
of _____, 20_____

Notary Public

Send 1 copy to: Labor Department
Wage & Workplace Standards Division
200 Folly Brook Blvd.
Wethersfield, CT 06109

“With regard to a State contract as defined in P.A. 07-1 having a value in a calendar year of \$50,000 or more or a combination or series of such agreements or contracts having a value of \$100,000 or more, the authorized signatory to this submission in response to the State's solicitation expressly acknowledges receipt of the State Elections Enforcement Commission's notice advising prospective state contractors of state campaign contribution and solicitation prohibitions, and will inform its principals of the contents of the notice.

Sec.31-53b. Construction Safety and Health Course. Proof of completion required for employees on public building projects. Enforcement. Regulations. (Required for projects equal to or greater than \$100,000)

(a) Each contract entered into on or after July 1, 2007, for the construction, remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public building project by the state or any of its agents, or by any political subdivision of the state or any of its agents, where the total cost of all work to be performed by all contractors and subcontractors in connection with the contract is at least one hundred thousand dollars, shall contain a provision requiring that, not later than thirty days after the date such contract is awarded, each contractor furnish proof to the Labor Commissioner that all employees performing manual labor on or in such public building, pursuant to such contract, have completed a course of at least 10 hours in duration in construction safety and health approved by the Federal Occupational Safety and Health Administration or, in the case of telecommunication employees, have completed at least ten hours training in accordance with 29 CFR 1910.268.

(b.) Any employee required to complete a construction safety and health course required under subsection (a) of this section who has not completed the course shall be subject to removal from the worksite if the employee does not provide documentation of having completed such course by the fifteenth day after the date the employee is found to be in non compliance. The Labor Commissioner or said commissioner's designee shall enforce this section.

(c.) Not later than January 1, 2007, the Labor Commissioner, shall adopt regulations, in accordance with the provisions of Chapter 54, to implement the provisions of subsections (a) and (b) of this section. Such regulations shall require that the ten-hour construction safety and health courses required under subsection (a) of this section be conducted in accordance with the Federal Occupational Safety and Health Administration Training Institute Standards, or in accordance with 29 CFR 1910.268. as appropriate. The Labor Commissioner shall accept as sufficient proof of compliance with the provisions of subsection (a) or (b) of this section a student course completion card issued by the Federal Occupational Safety and Health Administration Training Institute, or such other proof of compliance said commissioner deems appropriate, dated no earlier than five years before the commencement date of such public works project.

(d.) For the purpose of this section, “public building” means a structure, paid for in whole or in part with State funds, within a roof and within exterior walls or fire walls, designed for the housing, shelter, enclosure and support of people, animals, property of any kind, including; but not limited to, sewage treatment plants and water treatment

plants, “public building” does not include any site work, roads or bridges, rail lines, parking lots or underground water, sewer or drainage systems including pump houses or other utility systems.

SEEC FORM 11 **NOTICE TO EXECUTIVE BRANCH STATE CONTRACTORS AND** **PROSPECTIVE STATE CONTRACTORS OF CAMPAIGN** **CONTRIBUTION AND SOLICITATION BAN**

This notice is provided under the authority of Connecticut General Statutes 9-612(g)(2), as amended by P.A. 07-1, and is for the purpose of informing state contractors and prospective state contractors of the following law (italicized words are defined below):

Campaign Contribution and Solicitation Ban

No *state contractor, prospective state contractor, principal of a state contractor or principal of a prospective state contractor*, with regard to a *state contract or state contract solicitation* with or from a state agency in the executive branch or a quasi-public agency or a holder, or principal of a holder of a valid prequalification certificate, shall make a contribution to, or *solicit* contributions on behalf of (i) an exploratory committee or candidate committee established by a candidate for nomination or election to the office of Governor, Lieutenant Governor, Attorney General, State Comptroller, Secretary of the State or State Treasurer, (ii) a political committee authorized to make contributions or expenditures to or for the benefit of such candidates, or (iii) a party committee;

In addition, no holder or principal of a holder of a valid prequalification certificate, shall make a contribution to, or solicit contributions on behalf of (i) an exploratory committee or candidate committee established by a candidate for nomination or election to the office of State senator or State representative, (ii) a political committee authorized to make contributions or expenditures to or for the benefit of such candidates, or (iii) a party committee.

Duty to Inform

State contractors and prospective state contractors are required to inform their principals of the above prohibitions, as applicable, and the possible penalties and other consequences of any violation thereof.

Penalties for Violations

Contributions or solicitations of contributions made in violation of the above prohibitions may result in the following civil and criminal penalties:

Civil penalties--\$2000 or twice the amount of the prohibited contribution, whichever is greater, against a principal or a contractor. Any state contractor or prospective state contractor which fails to make reasonable efforts to comply with the provisions requiring notice to its principals of these prohibitions and the possible consequences of their violations may also be subject to civil penalties of \$2000 or twice the amount of the prohibited contributions made by their principals.

Criminal penalties—Any knowing and willful violation of the prohibition is a Class D felony, which may subject the violator to imprisonment of not more than 5 years, or \$5000 in fines, or both.

Contract Consequences

Contributions made or solicited in violation of the above prohibitions may result, in the case of a state contractor, in the contract being voided.

Contributions made or solicited in violation of the above prohibitions, in the case of a prospective state contractor, shall result in the contract described in the state contract solicitation not being awarded to the prospective state contractor, unless the State Elections Enforcement Commission determines that mitigating circumstances exist concerning such violation.

The State will not award any other state contract to anyone found in violation of the above prohibitions for a period of one year after the election for which such contribution is made or solicited, unless the State Elections Enforcement Commission determines that mitigating circumstances exist concerning such violation.

Additional information and the entire text of P.A 07-1 may be found on the website of the State Elections Enforcement Commission, www.ct.gov/seec. Click on the link to "State Contractor Contribution Ban."

Definitions:

"State contractor" means a person, business entity or nonprofit organization that enters into a state contract. Such person, business entity or nonprofit organization shall be deemed to be a state contractor until December thirty-first of the year in which such contract terminates. "State contractor" does not include a municipality or any other political subdivision of the state, including any entities or associations duly created by the municipality or political subdivision exclusively amongst themselves to further any purpose authorized by statute or charter, or an employee in the executive or legislative branch of state government or a quasi-public agency, whether in the classified or unclassified service and full or part-time, and only in such person's capacity as a state or quasi-public agency employee.

"Prospective state contractor" means a person, business entity or nonprofit organization that (i) submits a response to a state contract solicitation by the state, a state agency or a quasi-public agency, or a proposal in response to a request for proposals by the state, a state agency or a quasi-public agency, until the contract has been entered into, or (ii) holds a valid prequalification certificate issued by the Commissioner of Administrative Services under section 4a-100. "Prospective state contractor" does not include a municipality or any other political subdivision of the state, including any entities or associations duly created by the municipality or political subdivision exclusively amongst themselves to further any purpose authorized by statute or charter, or an employee in the executive or legislative branch of state government or a quasi-public agency, whether in the classified or unclassified service and full or part-time, and only in such person's capacity as a state or quasi-public agency employee.

"Principal of a state contractor or prospective state contractor" means (i) any individual who is a member of the board of directors of, or has an ownership interest of five per cent or more in, a state contractor or prospective state contractor, which is a business entity, except for an individual who is a member of the board of directors of a nonprofit organization, (ii) an individual who is employed by a state contractor or prospective state contractor, which is a business entity, as president, treasurer or executive vice president, (iii) an individual who is the chief executive officer of a state contractor or prospective state contractor, which is not a business entity, or if a state contractor or prospective state contractor has no such officer, then the officer who

duly possesses comparable powers and duties, (iv) an officer or an employee of any state contractor or prospective state contractor who has *managerial or discretionary responsibilities with respect to a state contract*, (v) the spouse or a *dependent child* who is eighteen years of age or older of an individual described in this subparagraph, or (vi) a political committee established or controlled by an individual described in this subparagraph or the business entity or nonprofit organization that is the state contractor or prospective state contractor.

"State contract" means an agreement or contract with the state or any state agency or any quasi-public agency, let through a procurement process or otherwise, having a value of fifty thousand dollars or more, or a combination or series of such agreements or contracts having a value of one hundred thousand dollars or more in a calendar year, for (i) the rendition of services, (ii) the furnishing of any goods, material, supplies, equipment or any items of any kind, (iii) the construction, alteration or repair of any public building or public work, (iv) the acquisition, sale or lease of any land or building, (v) a licensing arrangement, or (vi) a grant, loan or loan guarantee. "State contract" does not include any agreement or contract with the state, any state agency or any quasi-public agency that is exclusively federally funded, an education loan or a loan to an individual for other than commercial purposes.

"State contract solicitation" means a request by a state agency or quasi-public agency, in whatever form issued, including, but not limited to, an invitation to bid, request for proposals, request for information or request for quotes, inviting bids, quotes or other types of submittals, through a competitive procurement process or another process authorized by law waiving competitive procurement.

"Managerial or discretionary responsibilities with respect to a state contract" means having direct, extensive and substantive responsibilities with respect to the negotiation of the state contract and not peripheral, clerical or ministerial responsibilities.

"Dependent child" means a child residing in an individual's household who may legally be claimed as a dependent on the federal income tax of such individual.

"Solicit" means (A) requesting that a contribution be made, (B) participating in any fund-raising activities for a candidate committee, exploratory committee, political committee or party committee, including, but not limited to, forwarding tickets to potential contributors, receiving contributions for transmission to any such committee or bundling contributions, (C) serving as chairperson, treasurer or deputy treasurer of any such committee, or (D) establishing a political committee for the sole purpose of soliciting or receiving contributions for any committee. Solicit does not include: (i) making a contribution that is otherwise permitted by Chapter 155 of the Connecticut General Statutes; (ii) informing any person of a position taken by a candidate for public office or a public official, (iii) notifying the person of any activities of, or contact information for, any candidate for public office; or (iv) serving as a member in any party committee or as an officer of such committee that is not otherwise prohibited in this section.

INSTRUCTIONS TO BIDDERS

IB 1.01 General

These instructions to bidders are for the complete project known as Hardwood Flooring Restoration DDS-2006 . The project will be bid in strict accordance with the specifications as prepared by the Connecticut Department of Developmental Services and procedures set forth by the Department of Public Works. The amount of each bid shall be deemed to include the entire cost and expense of every item of labor and material necessary to complete the work bid upon, in full detail, ready for use. The risk of all such costs and expenses shall be assumed by the successful bidder.

It is the intent of the specifications to call for finished work, tested, and ready for operation and use. Any incidental accessory necessary to make the work complete in all respects and ready for operation, even if not particularly specified, shall be provided without extra compensation. Minor products or items of work, which by custom are not usually shown or specified, but are necessary for proper installation and operation of the completed work, shall be provided in the same manner as if actually shown or specified.

During construction in a Developmental Services facility, there may be delays due to various safety or security issues. This needs to be taken into consideration in your submitted bid. The Department of Developmental Services will not authorize extra compensation for these delays. The department will assign a facility representative to work with the selected contractor as liaison.

Facility Representative:

John Massicotte, Plant Facility Engineer
Office-860-263-2486,
Fax- 860-622-4996, Email- john.massicotte@ct.gov

Agency Representative:

Jeffrey Cyr
Director of Engineering
Tel. #860-418-6031
Fax #860-418-6001
Email Address: jeff.cyr@ct.gov

IB 1.02 Bid Form and Acceptance

1. All bids must be received by the date and time specified at the office of **Lauren Marziarz** at the following address:
DDS Business Services
104 South Turnpike Road
Wallingford, CT 06492
Office 203-294-5167 Fax 860-622-4992 Email- Lauren.Marziarz@ct.gov

It is recommended that you call prior to the bid opening to verify that your bid has been received.

2. Bid envelopes must clearly indicate the project number as well as the date and time of bid opening. Any correspondence shall include the project number and project title.
3. Enclosed with this specification is a BID FORM on which bids must be submitted.

4. The project shall be bid on the enclosed BID FORM as follows:
 - a. Base Bid - complete as described herein.
 - b. Supplemental Bid (if any) - complete as described herein.
(Supplemental Bids may be accepted or not accepted by the agency, however if accepted the low bid will be determined by the total of the base bid and the accepted supplemental bid(s).)
 - c. All BID FORMS shall be signed by a person duly authorized to sign bids on behalf of the bidder. Unsigned bids will be rejected.
 - d. Contractors failing to provide supplemental bids shall be deemed non-responsive and will be rejected.
5. If you do not wish to submit a bid, return the BID FORM with the indication "No Bid Submitted," as well as a brief indication why.
6. The contract will be awarded to the lowest qualified bidder within the Agencies budget figure.
7. The Department of Developmental Services shall have the right to accept or reject the bids within ninety (90) calendar days of the bid opening date. All bid prices must be firm for this ninety (90) day period.

IB 1.03 Phasing Plan

Please refer to phasing plan within technical specifications.

IB 1.04 Scope of Work

Furnish all required labor, equipment, services, and materials necessary to complete all work as specified in the technical specifications section. Remove all debris created by this contract.

IB 1.05 Location and Examination of Site

1. The work will be performed at: 555 Pomfret Street Putnam, 505 Middle Turnpike, Storrs 85 Mountain Road, 87 Mountain Road, 242 Mountain Road Newington, 310 Beelzebub Road South Windsor
2. All contractors bidding for this project are required to visit and examine the site before bidding, and to verify job conditions and dimensions. Time, date, and location of pre-bid meeting are as noted on bid package cover sheet. **Bids received from non-attending contractors will not be honored.** This meeting is intended to review the project requirements and answer any questions that interested contractors may have about this project. Failure to attend this meeting will result in the rejection of your bid.

IB 1.06 Contractor Qualification Requirement

The contractor shall demonstrate capability to execute this contract by submitting evidence of the following:

1. Valid Connecticut license(s), if required, to perform the required work.
2. Listing of two projects of similar scope and size that were performed within the last 18 months. Include the name, address and telephone number of a contact at each job that can be contacted and who is familiar with the project.

IB 1.07 Protection of Work and Property

1. All building equipment, furnishings, grounds landscaping, etc., shall be protected from damage of every description and any such damage thereto shall be repaired or otherwise made good at no expense to the State and to the satisfaction of the Facility Representative.
2. Supply and install any and all protective coverings and barricades necessary to protect at all times the public and building personnel from injury.
3. The contractor shall be held responsible for, and must make good at his own expense, any water damage or any other cause of damage due to improper protection.
4. Due to the nature of this institution, it is mandatory that all rules and regulations be strictly adhered to and the necessary precautions taken.
5. The contractor shall, during the progress of the construction, assume all responsibilities for loss or damage by fire to the work included in his contract until completion of the contract. No flammable material shall be stored in the structure in excess of the amounts allowed by the authorities.
6. The contractor is responsible to assure that all work is performed in accordance with all current State regulations including, but not limited to, OSHA, State Fire Codes, and the Basic Building Code of the State of Connecticut.
7. The contractor will at all times keep the premises free from the accumulation of waste materials or rubbish caused by his employees or work. All accumulated material shall be removed from the site daily at the contractors expense.

IB 1.08 Form of Guarantee--Warranty

The General Contractor will furnish the foregoing documents in the following manner:

1. Address to: DDS North Region
155 Founders Plaza
East Hartford CT 06108
Attn. John Massicotte, Plant Facility Engineer
2. Provide project name and number of project.
3. I (we) hereby guarantee, (or warranty), the work on the referenced project for a period of one (1) year from the Facility's approved completion date, against failures of workmanship and materials, unless otherwise noted on specifications. The completion date shall be the date of final payment is received by the contractor.
4. All guarantees supplied by subcontractors, suppliers or manufacturers will be countersigned by the General Contractor.

IB 1.09 Time of Completion

The contractor shall complete the project within the number of calendar days identified on page 1 of the BID FORM. Calendar days begin on the day of issuance of purchase order. Once on site, the contractor's work force shall remain mobilized until work is completed unless otherwise is specifically approved by the facility representative, in writing. Crews and material deliveries are to be scheduled to meet the completion date. If due to unforeseeable circumstances the work is not complete at the specified completion date, the contractor must obtain written permission from the facility representative and a new mutually agreed upon completion date must be established, or, liquidated damages, as described in section IB 1.17 will become effective. Working days for this project shall be Monday through Friday, exclusive of State or National Holidays. No Saturday or Sunday work shall be allowed without special written permission by the facility representative. Upon completion of the contract, the contractor shall make a request to the Facility Representative to schedule a final inspection of the work.

IB 1.10 Wage Rates

Prevailing wage rates are applicable if the submitted bid exceeds the sum of \$400,000.00 (for new construction) or \$100,000.00 (if renovation/alteration/ repair or improvement). New construction is defined as building an entire "brand new" building. The contractor is responsible for assuring that the payment of wages are as published by the Connecticut State Labor Department for the area where the job is being performed.

In accordance with the provisions of Section 31-53 of the General Statutes of Connecticut, the following applies "The wages paid on an hourly basis to any mechanic, laborer or workman employed upon the work herein contracted to be done and the amount of payment or contribution paid or payable on behalf of each such employee to any employee welfare fund, as defined in subsection (h) of this section (31-53 of the General Statutes), shall be at a rate equal to the rate customary or prevailing for the same work in the same trade or occupation in the town in which such public works project is being constructed. Any contractor who is not obligated by agreement to make payment or contribution on behalf of such employees to any such employee welfare fund shall pay to each employee as part of his wages the amount of payment or contribution for his classification on each pay day."

IB 1.11 Bonds

1. A bid surety of not less than 10% of base bid amount is required to accompany bid in the form of a bond or certified check made out to the Comptroller of the State of Connecticut if base bid exceeds \$10,000.
2. A performance, and labor and material payment, surety of not less than 100% of bid amount is required of low bidder in the form of a bond made out to the Comptroller of the State of Connecticut if bid exceeds \$50,000. It is to be submitted to the Department of Developmental Services business office representative prior to award of contract and issuance of purchase order.
3. Such checks or bid bonds will be returned to all except the three lowest bidders within three days after the opening of bids, and the remaining checks or bid bonds will be returned promptly after the awarding authority and the accepted bidder have executed contract, or, if no award has been made within 90 days after the date of the opening of bids, upon demand of the bidder, so long as he/she has not been notified of the acceptance of his/her bid.
4. NONRESIDENT (out of State) CONTRACTOR BOND - In order for final payment to be processed to a nonresident contractor, a certificate from the Commissioner of Revenue Services must be provided which evidences that Connecticut General Statutes Section 12-430 for non-resident contractors has been met. For details concerning the filing of this 5% Guarantee Bond with the Department of Revenue Services (DRS), call the DRS at (860) 541 7538.

IB 1.12 Insurance

1. The Contractor shall not start work under this contract until he has obtained the following insurance and until the insurance has been approved by the owner nor shall the contractor allow any subcontractor to start work until insurance required by the subcontractor has been obtained and approved. The contractor shall send certificate for the insurance to the business office representative.
2. The Contractor shall take out and maintain during the life of the contract, workers' compensation insurance for all employees working at the site and, in case any work is sublet, the Contractor shall require the subcontractor to provide workers' compensation insurance for all of the latter's employees. In case any class of employees engaged in hazardous work under this Contract is not protected under the workers' compensation statute, the Contractor shall provide, and shall cause each subcontractor to provide, insurance for those employees.
3. The Contractor shall take out and maintain during the life of a contract, public liability and property damage insurance to protect him/her and the owner's interest as their interests may appear. Each subcontractor shall take out and maintain insurance to protect him/her from claims for damage for injury, including accidental death and from claims for property damage which may arise from operations under this contract, whether such operations be by himself/herself or by any subcontractor or by any employee unless such employees are covered by the protection afforded by the Contractor. Types and amounts of insurance required shall be as follows:

DESCRIPTION	SINGLE COVERAGE	EACH LIMIT	ACCIDENT	AGGREGATE
Protective Liability	BI	\$1,000,000		
Protective Liability	PD (for and in the name of the State of Connecticut)	\$100,000		\$500,000

DESCRIPTION	COVERAGE	SINGLE LIMIT	EACH ACCIDENT	AGGREGATE
Contractor's Liability	BI	\$1,000,000		
Contractor's Liability	PD	\$100,000		\$500,000
Contractor's Protective Liability	BI	\$1,000,000		
Contractor's Protective Liability	PD	\$100,000		\$500,000

4. Coverage for damage or loss resulting from Type C - Collapse or Structural Injury, Type U - Underground Damage, Type X - explosion or blasting, ordinarily excluded from coverage, shall be provided in the amounts and manner specified in this article if required in the bid for the specified project. Builders Risk insurance, not ordinarily required, shall be provided in accordance with the amount and manner specified in the bid for the specified project if such insurance is required in the bid.

IB 1.13 Licenses

It is the responsibility of the contractor to secure all licenses, permits, approvals, or other documents necessary to complete this project.

IB 1.14 Security

The contractor must abide by all security regulations as described in or attached to this documentation.

IB 1.15 Start of Work

The contractor will not start work or order materials before receipt of a fully executed and approved purchase order. Within two (2) working days after receipt of the purchase order and prior to the start of construction, the contractor shall schedule a pre-construction meeting with the facility representative and at that time a start date will be established. The contractor shall begin construction within ten (10) working days. Working days shall be considered as Monday through Friday.

IB 1.16 Payment

- a. Projects under \$25,000.00 - A single invoice shall be submitted by the prime contractor following the acceptance of the completed project.
- b. Projects \$25,000.00 or greater - Three invoices shall be submitted by the prime contractor; one when all material or equipment is on site or the project is 50% completed (which ever occurs first), two when the project is substantially complete, and three when the project is totally complete and accepted.
- c. The invoice shall contain the State Purchase Order number and project number. Invoices received without reference to a valid State Purchase Order number and project number will result in delay of payment
- d. **NONRESIDENT (out of State) CONTRACTOR BOND** - In order for final payment to be processed to a nonresident contractor, a certificate from the Commissioner of Revenue Services must be provided which evidences that Connecticut General Statutes Section 12-430 for non-resident contractors has been met. For details concerning the filing of this 5% Guarantee Bond with the Department of Revenue Services (DRS), call the DRS at (860) 541 7538.

IB 1.17 Liquidated Damages

It is hereby declared and agreed by and between the contractor and the owner that the date of commencement, rate of progress, and time of completion of the work are essential provisions, conditions and that it would be impracticable and impossible to determine and ascertain the actual damages the owners would incur by reason of a delay in the completion of the work. It is, therefore, covenanted and agreed by and between the contractor and owner that the contractor shall and does hereby agree to pay the owner as liquidated damages (and not as a penalty) the sum of two hundred dollars (\$200.00) for each and every working day that the contractor shall be in default, hereunder for failing to complete the project within the time of completion specified above except as such date shall be extended, in writing upon request of the contractor, for the period of an excusable delay. Any such payments due to the owner by the contractor may be deducted by the owner from any sums due to the contractor.

IB 1.18 RECEIPT OF BIDS

BIDS SHALL BE PLACED IN SEALED ENVELOPES MARKED "SEALED BID OPENING, PROJECT
"CHURCH STREET BATHROOM RENOVATION DDS 2007" AND DELIVERED/RECEIVED
PRIOR TO THE BID OPENING DATE AND TIME LISTED ON THE COVER SHEET.

DELIVER TO: **Lauren Marziarz**

**DDS Business Services
104 South Turnpike Road
Wallingford, CT 06492**

End of Section Revised Date: 6/2010

GENERAL CONDITIONS

GC 1.01 General

In addition to the conditions in the Instructions to Bidders, the following General Conditions shall apply and form an equal part of the contract documents.

GC 1.02 Use of the Premises

1. Nothing contained in the Specifications shall be interpreted as giving the Contractor exclusive use of the premises where the work is performed.
2. The Contractor shall be held solely responsible for any damage to the existing structures, systems, equipment and site caused by them or by their employees and shall repair or replace same to their original condition as directed by the facility representative at no additional cost to the owner.
3. The work of the contract shall not interfere with the normal conditions and safe operation of the building and site. If such interference appears possible because of construction to existing work or other reasons, the work involved must be done at a time and in a manner directed by the facility representative as a part of the contract.
4. The contractor shall supply and install any and all protective coverings and barricades necessary to protect at all times the clients, public and building personnel from injury and the building from damage. The contractor shall provide and install all plastic sheeting, and other materials, which he/she may require to protect all open, unfinished work at the end of each and every day.
5. The contractor shall secure unfinished work areas at the close of business each day to preclude passage by any and all unauthorized persons.
6. No flammable material shall be stored in the structure in excess of the amounts allowed by the fire codes and authorities. No gasoline shall be stored within the building.
7. Protection of building, building occupants and visitors.
 - a. Construct barriers to prevent dust from construction areas from entering client areas. Barriers must be impermeable to fungal spores and in compliance with local fire codes.
 - b. Seal off and block return air vents if rigid barriers are used for containment.
 - c. Implement dust control measures on surfaces and divert pedestrian traffic away from work zones.
 - d. If necessary, create negative air pressure in work zones adjacent to client care areas and insure that required engineering controls are maintained. Monitor negative airflow.
 - e. Direct pedestrian traffic away from construction zones.

- f. Provide construction crews with: Designated entrances, corridors and elevators if possible,
- g. Contractor shall clean work zones and their entrances daily.
- h. Contractor shall cover and secure debris prior to removal from the construction area.
- i. In client care areas, for major repairs that include removal of walls and disruption of the space within, the contractor shall use plastic sheets or prefabricated plastic units to contain dust and a HEPA (High Efficiency Particulate Air) filter machine to clean the air.

GC 1.03 Storage or Equipment and Materials

- 1. All deliveries of material, equipment, etc., shall be made to the contractor and accepted only by him/her and only during working hours. Department of Developmental Services personnel will not receive or accept any materials or equipment, etc. at any time.
- 2. The contractor shall secure instructions from the facility representative's as to available space for storing materials, tools, etc. If adequate space is not available, he/she shall provide his/her own storage facilities and in all cases be responsible for its protection.
- 3. All materials used throughout work shall be neatly stacked so as not to obstruct traffic, or the progress of the work.
- 4. All materials delivered to the job site will be protected by the contractor from weather damage, loss, or vandalism.

GC 1.04 Codes, Rules, Ordinances and Approvals

- 1. All materials furnished and all work installed shall comply with the rules and recommendations of the State of Connecticut; and must comply with all applicable State and local code, laws, ordinances, rules and regulations, with all requirements of local utility companies, and with the recommendations of the Insurance Rating Organization having jurisdiction.
- 2. It is intended that the technical specifications not violate any of the above. Where violations occur, such codes, laws, rules, ordinances, regulations and recommendations shall be complied with. The contractor must call any such violations to the attention of the Department of Developmental Services facility representative before making any changes to the specifications or proceeding with the work.
- 3. The Contractor shall, at his expense, give all notices, obtain all permits, licenses, approvals, fees and other costs in connection with the work and obtain all required certificates of inspection for the work and deliver same to the Department of Developmental Services facility representative before requesting acceptance and final payment.
- 4. All apparatus, equipment, such as ladders, scaffolding, chutes, etc., shall comply with the recommendations of the Manual of Accident Prevention in Construction, published by the Associated General Contractors of America, OSHA, and approved revisions.

5. The contractor must at all times maintain a fire safe environment. Fire extinguishers are to be provided by the contractor, at all work sites, of the size and type required for the work being performed. Sprinkler and alarm systems are not to be shut down or impaired without the approval of the facility representative. Welding will only be performed by certified welders. When welding is being performed there is to be a fire watch provided with extinguishing equipment at his or her immediate access.

GC 1.05 Salvage and Disposal

1. All removed materials that are deemed salvageable by the facility representative are the property of the facility (State of Connecticut). The facility's representative will direct which materials the facility will retain and which material the contractor shall retain and/or dispose of. Facility retained material is to be relocated by the contractor to an area designated by the facility's representative at the contractor's expense.
2. All debris resulting from the performance of this contract will be the property of the contractor and will be completely removed from the facility daily. All permits, manifests, fees or other requirements for the proper disposal of such debris is the sole responsibility of the contractor. If a hazardous material is involved, copies of manifest slips must be provided to the facility representative.
3. Chutes and dumpster type containers designed to keep dust and spillage to a minimum will be supplied and used by the contractor at his/her own expense.

GC 1.06 Maintenance of Utilities

1. The Department of Developmental Services has the responsibility for the operation of the entire utility distribution system. Any operation or function in relation to the work which could render said system(s) inoperable shall be coordinated, upon notification by the contractor, by the facility representative. All operational changes shall be made in this manner.
2. When installation of new work requires the temporary shutdown of an existing operating system, the connection of the new work shall be performed at such time as designated by the facility representative. The facility representative reserves the right to limit the shutdown time to a specified number of net hours and set the date and time of each occasion of complete shutdown. Notify facility representative of the estimated duration of the shutdown period at least seven (7) days in advance of the date the work is to be performed.
3. Any shutdown to the service which will interrupt critical operations shall be protected by the provision of a safe and adequate temporary means of service replacement, supplied at the contractor's expense, which shall be removed when no longer required. The contractor shall insure all tools, supplies, equipment and labor is on hand and in position to start the moment the shutdown period is made available to him.

GC 1.07 Change Orders

1. No additional compensation or time shall be granted beyond that noted on the original purchase order, unless approved in writing by the **Agency Representative**.

2. The Department of Developmental Service's **Agency Representative** is identified on the invitation to bid section. Changes, proceeds, or approvals from others will not be honored.

GC 1.08 Shop Drawings

1. Shop drawings shall be submitted as required to the facility representative and/or as noted on the plans and technical specifications.
2. The contractor shall make any corrections required by the facility representative at no additional cost to the state and submit 2 corrected copies to the facility representative.
3. It is the contractor's responsibility to flag deviations from the contract documents. An approval will not be considered an acceptance of the deviation unless it has been explicitly and clearly identified in writing.

GC 1.09 Substitutions

If substitutions are permitted, it is the responsibility of the contractor to provide the necessary documents to prove that the product is equal to that specified. These documents must be received by the facility representative for his approval/disapproval prior to the date stated on the front cover sheet.

GC 1.10 Quality Control

1. Comply with manufacturer's recommendations and association or trade instructions and specifications for storage, use, and installation of their products. All materials and equipment shall be installed in strict accordance with the manufacturer's recommendations. This shall include any and all steps, treatments, or maintenance required before placing into use or placing into service.
2. Comply with instructions in full detail, including each step in sequence. Should instructions conflict with contract documents, request clarification from facility representative before proceeding.
3. When instructed by facility representative, submit manufacturer's data sheets, including instructions and recommendations.
4. If substitutions are permitted, it is the responsibility of the contractor to provide the necessary documents to prove that the product is equal to what is specified. These documents must be received by the facility representative for his approval/disapproval prior to use.

GC 1.11 Owners Right to Stop Work or terminate Contract

1. The owner has the right to stop work and/or terminate this contract under any or all of the following conditions:
 - a. If the contractor shall be adjudged bankrupt or make an assignment for the benefit of creditors.

- b. If a receiver or liquidator shall be appointed for the contractor or for any of his property and shall not be discharged within 20 days after such appointment or the proceedings in connection therewith shall not be stayed on appeal within the said 20 days.
 - c. The contractor shall refuse or fail, after written notice of warning from the Agency Representative, to supply sufficient properly skilled workmen or proper materials.
 - d. The contractor shall refuse or fail to prosecute the work under this contract or any part thereof with such diligence as will insure it's completion within the period herein specified (or any duly authorized extension thereof) or shall fail to complete the work within said period.
 - e. The contractor shall fail to make due and proper payment to persons supplying labor and/or materials for the work under this contract.
 - f. The contractor shall fail or refuse to regard laws, ordinances or the instructions of the Agency Representative or otherwise be in substantial violation of any provisions of this contract, then the owner, without prejudice to any other rights or remedies it may have, may, with 7 days written notice to the contractor, terminate the employment of the contractor and his right to proceed and may take possession of the work under this contract and complete the work by contract or otherwise, as the owner may deem appropriate and expedient.
2. If the right of the contractor to proceed with the work is so terminated the owner may take possession of and utilize in completing the work under this contract such materials, appliances, supplies, plant and equipment as may be on the site of the work and necessary therefore.

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END OF SECTION

COMPLIANCE WITH EXECUTIVE ORDERS

This contract is subject to the provisions of Executive Order No. Three of Governor Thomas J. Meskill promulgated June 16, 1971, and, as such, this contract may be cancelled, terminated or suspended by the State Labor Commissioner for violation of or non compliance with said Executive Order No. Three, or any state or federal law concerning nondiscrimination, notwithstanding, that the Labor Commissioner is not a party to this contract.

The parties to this contract, as part of the consideration hereof, agree that said Executive Order No. Three is incorporated herein by reference and made a part hereof. The parties agree to abide by said Executive order and agree that the State Labor Commission shall have continuing jurisdiction in respect to contract performance in regard to nondiscrimination, until the contract is completed or terminated prior to completion.

The contractor, agrees as part consideration hereof, that this contract is subject to the Guidelines and Rules issued by the State Labor Commissioner to implement Executive Order No. Three, and that he will not discriminate in his employment practices or policies, will file all reports as required, and will fully cooperate with the State of Connecticut and the State Labor Commissioner.

This contract is also subject to provisions of Executive Order No. Seventeen of Governor Thomas J. Meskill promulgated February 15, 1973, and, as such, this contract may be cancelled, terminated or suspended by the contracting agency or the State Labor Commissioner for violation of or noncompliance with said Executive Order No. Seventeen, notwithstanding that the Labor Commissioner may not be a party to this contract.

The parties to this contract, as part of the consideration hereof, agree that Executive Order No. Seventeen is incorporated herein by reference and made a part hereof. The parties agree to abide by said Executive Order and agree that the contracting agency and the State Labor Commissioner shall have joint and several continuing jurisdiction in respect to contract performance in regard to listing all employment openings with the Connecticut State Employment Service.

- a. A minimum of 6.25 percent (6.25%) of each contract awarded to a Small Business Enterprise shall be reserved for Minority Business Enterprises (MBE). Note: Minority Business Enterprises includes Women Business Enterprises.

Exceptions:

- If a project involves a specialty trade, for which no registered certified contractor can qualify to submit a bid, the contract may be awarded to a non-set-aside contractor;
- If a project involves a specialty trade, for which no certified contractor can qualify as a subcontractor then the contract can be awarded without the (6.25%) MBE requirement;
- If the contractor performs more than ninety-three and three quarter's percent (93.75%) of the work then the (6.25%) MBE requirement can be waived.
- Other extraordinary conditions will be considered on a case-by-case basis by DPW.
- If a construction project is awarded to a DAS/On-Call Trade Labor service contractor.

Executive Order No. 7C

This Contract is subject to **Executive Order No. 7C of Governor M. Jodi Rell, promulgated on July 13, 2006.** The Parties to this Contract, as part of the consideration hereof, agree that:

a. The State Contracting Standards Board (“Board”) may review this contract and recommend to the state contracting agency termination of this contract for cause. The State contracting agency shall consider the recommendations and act as required or permitted in accordance with the contract and applicable law. The Board shall provide the results of its review, together with its recommendations, to the state contracting agency and any other affected party in accordance with the notice provisions in the contract not later than fifteen (15) days after the Board finalizes its recommendation. For the purposes of this Section, “for cause” means:

(1) a violation of the State Ethics Code (Chapter 10 of the general statutes) or section 4a-100 of the general statutes or

(2) wanton or reckless disregard of any state contracting and procurement process by any person substantially involved in such contract or state contracting agency.

b. For purposes of this Section, “contract” shall not include real property transactions involving less than a fee simple interest or financial assistance comprised of state or federal funds, the form of which may include but is not limited to grants, loans, loan guarantees, and participation interests in loans, equity investments and tax credit programs. Notwithstanding the foregoing, the Board shall not have any authority to recommend the termination of a contract for the sale or purchase of a fee simple interest in real property following transfer of title.

c. Notwithstanding the contract value listed in sections 4-250 and 4-252 of the Connecticut General Statutes and section 8 of Executive Order Number 1, all State Contracts between state agencies and private entities with a value of \$50,000 (fifty thousand dollars) or more in a calendar or fiscal year shall comply with the gift and campaign contribution certification requirements of section 4-252 of the Connecticut General Statutes and section 8 of Executive Order Number 1. For purposes of this section, the term “certification” shall include the campaign contribution and annual gift affidavits required by section 8 of Executive Order Number 1.

DDS

Bathroom Renovation
395 Church Street Newington CLA

PART 1 GENERAL

The Contractor awarded the contract shall be responsible for the entire project.

The nature of this project requires the work of various trades including but not limited to: Demolition and safe disposal of debris, Carpentry, Painting, Plumbing, Electrical and any related trades as may be required to complete the project. The Contractor shall provide the services of any and all trades as may be required to complete the work. All such costs shall be included in the Contractor's bid.

1.00 DESCRIPTION OF WORK

- Provide demolition services to remove existing ceiling wall and floor materials to framing.
- Rough all plumbing and electric as per attached drawing and these specifications.
- Install new fire strobe light and interconnect it to the existing building Fire Alarm System.
- Replace existing baseboard with Slantfin Fine/Line 30 Rust Resistant Baseboard or approved equal.
- Install Durock or DensShield on all walls, tape, prime, skim coat and paint as per drawing.
- Install InPro IPC 0.60" Smooth Rigid Vinyl Sheet and trim to a height of four (4) feet around the entire rooms. Color as chosen by the Agency.
- Install ¾" PT Plywood floor to ceiling in the shower area.
- Install InPro Shower Receptor.
- Install InPro ¼" PRISM® Solid Surface Wall Panels floor to ceiling in the shower area.
- Seal edges and joints of rigid panels as per the manufacturer's specifications.
- Install new water resistant drywall to the ceiling, tape, prime and paint.
- Install new ADA slip resistant resilient vinyl flooring such as Mannington Assurance II.
- Install new commercial grade mirror, towel, ADA grab bars, toilet paper holders and doorstop.
- Install new cabinetry per specifications and drawings.
- Restore to original condition any areas impacted by renovation.
- Replace all existing switches and GFIC receptacles and covers with hospital grade units.

A Professional Contractor that specializes in construction, remodeling and repairs of this type and scope shall perform this work.

Submit to the Agency Representative a listing of three projects of similar scope and size that were performed within the last twelve months. Include the name, address and telephone number of a contact at each job that can be contacted and who is familiar with the project.

1.01 SCHEDULE OF WORK

The Plant Facilities Engineer or designee will meet with the Contractor awarded the contract and establish a work schedule based on operating needs of the Agency. Work shall be performed in accordance to this schedule.

1.02 STORAGE

Neatly store materials in a place designated by the Plant Facilities Engineer or designee. Material is to be stored as per the manufacturer's requirements.

1.03 REFERENCE STANDARDS, CODES AND SPECIFICATIONS

All references to standard specifications and codes made throughout the specifications refer to the latest editions in effect. Such references include current addenda and errata, if any, and shall be considered a part of these specifications as much as if those specifications were printed herein in their entirety.

PART 2 PRODUCTS

2.01 DRYWALL PRODUCTS

- A. Walls: ½" Durock or DensShield Tile Backer or approved equal.
- B. Ceilings: ½" Water-Resistant Gypsum Panels,

2.02 PAINT PRODUCTS

- A. Finish Paint: Sherwin Williams Bath Paint or approved equal.
- B. Primer: Sheetrock Brand TUFF-HIDE Primer-Surfacer or equal as approved by the Plant Facilities Engineer or designee.

The Plant Facilities Engineer or designee shall select a color(s) from paint manufacturer full color line samples provided by the Contractor.

2.02 EQUIPMENT

- Light/Fan: Broan model # QTXE080FLT or approved equal.
- Timer Switch-Marktime Series 42
- Water Closet: Kohler model #3496 or approved equal.
- Shower Receptor by InPro or approved equal.
- Symmons 96-500-B-30-L-V-X Temporal Shower Valve or approved equal.
- Sink: Kohler model # K-2196-4L or approved equal.
- Lavatory Faucet: Symmons model # S-20-2 or approved equal.
- Towel Bar: shall be 1" diameter, 18 gauge seamless stainless steel construction with satin finish.
- ADA approved stainless swing down grab bar system for water closet.
- ADA approved stainless swing grab bars for the shower.

PART 3 EXECUTION

WORKMANSHIP

3.01

- A. Workmanship, very best top quality workmanship. Thoroughly prepare surfaces prior to application of primers and paint to ensure a smooth professional finish. Spread materials evenly; flow on smoothly without run, sags. Employ skilled mechanics only.
- B. If surfaces to be finished cannot be put in proper condition for finishing, notify the Plant Facilities Engineer or designee in writing; or assume responsibility for and rectify any unsatisfactory finish resulting. Commencement of work by this contractor shall indicate acceptance of the preparatory work or existing surfaces to be finished.

3.02 WALLS

- A. Provide blocking and framing in walls to accommodate ceiling lights, fans, towel bars and wall mounted grab bars as specified.
- B. Rough in all plumbing and electrical to match renovations as per plan.
- C. Sheath walls with Durock or DensShield Tile Backer wallboard.
- D. Sheath ceiling to be sheathed with moisture resistant dry wall as per plan.
- E. Install InPro 0.60" rigid vinyl sheets to a height of 48" (or approved equal).
- F. Prepare walls and ceiling for paint including taping to ensure a smooth professional finish.

3.03 SHOWER WALLS

- A. Provide blocking and framing in walls to accommodate towel and grab bars as specified.
- B. Install ¾" PT Plywood in the entire shower area.
- C. Install Inpro ¼" "Prism" rigid vinyl sheets as per manufacturer's instructions on shower wall from floor to ceiling.

03.04 PAINTING

- A. Prior to painting, surfaces to be prepared to ensure a smooth professional finish. Preparation shall include but not limited to: removal and replacement of damaged wall paper material, hand and power sanding, scraping and stripping. Surfaces shall be patched, repaired, taped, compounded, sanded and primed one coat and painted two coats to provide a smooth flat surface to match surrounding areas.
- B. All work shall be performed in strict compliance to material manufacturer's specifications, instruction manuals and product data sheets.
- C. Door Frames shall be painted on the room side as indicated on the Painting Schedule. Remove door silencers prior to surface preparation and painting. Painting shall include the entire door frame on the room side ending at the inside corner of the door frame stop or Plant Facilities Engineer or designee approved alternate location. Install new door silencers at all locations after painting work. Provide and use masking tape or alternate method to provide a clean crisp paint line at paint edge and at contrasting paint colors where two sides of the frame will be painted per painting schedule.
- D. Upon completion of primer coat notify the Plant Facilities Engineer or designee before proceeding with the finish coat. Upon completion of finish coat notify the Plant Facilities Engineer or designee before proceeding with the second finish coat.
- E. Unless otherwise noted, use materials for patching that are identical to existing materials or specified by latest code.
- F. Provide products manufactured by company listed, or Plant Facilities Engineer or designee approved alternate
- G. Applicator must examine areas and conditions under which painting work is to be applied. Do not proceed with work until unsatisfactory conditions have been corrected in a manner in accordance with the paint manufacturer and project specifications.
- H. Starting of painting work will be construed as applicator's acceptance of surfaces and conditions with any particular area.
- I. Do not paint over dirt, rust, scale grease, moisture scuffed surfaces, or conditions otherwise detrimental to formation of a durable paint film.
- J. Perform preparation and cleaning procedures in accordance with paint manufacturer's instructions and as herein specified, for each particular substrate condition.
- K. Provide and use portable exhaust ductwork and fans to exhaust fumes to exterior of building. Provide and use paint additives to remove paint odor.
- J. Remove hardware, plates, lighting fixtures and similar items in place and not to be finish painted, or provide protection prior to surface preparation and painting operations. Following completion of each space of area, reinstall removed items.

3.05 CLEAN UP AND PROTECTION

- A. Upon completion of work clean window glass and other paint spattered surfaces.
- B. Protect work of other trades, whether to be painted or not, against damage by painting and finishing work. Provide "Wet Paint" signs as required.
- C. Provide one (1) full gallons of each paint type and color to Plant Facilities Engineer for maintenance stock.

END OF SECTION

PRISM SOLID SURFACE SHOWER RECEPTORS

PART 1 – GENERAL

1.01 SUMMARY

A. Shower Receptors

1.02 SECTION INCLUDES

A. Solid Surface Shower Receptors

1.03 REFERENCES

A. American National Standards Institute (ANSI)

1.04 SYSTEM DESCRIPTION

A. Performance Requirements: Provide shower receptors that conform to the following requirements of regulatory agencies and the quality control of InPro Corporation.

1. Provide shower receptors that conform to ANSI 124.1.2-2005 when tested for workmanship and finish, structural integrity and material characteristics.

1.05 SUBMITTALS

A. Product Data: Manufacturer's printed product data for each type of shower receptors specified.

B. Samples: Verification samples minimum of 2" x 2" samples indicating color and pattern.

D. Manufacturer's Installation Instruction: Printed installation instructions for shower receptors.

1.06 DELIVERY, STORAGE AND HANDLING

A. Deliver materials in unopened factory packaging to the jobsite

B. Inspect materials at delivery to assure that specified products have been received.

C. Store in original packaging in an interior climate controlled location away from direct sunlight.

1.07 PROJECT CONDITIONS

A. Environmental Requirements: Products must be installed in an interior climate controlled environment.

1.08 WARRANTY

A. Standard prism Solid Surface Limited 10 Year Warranty against material and manufacturing defects.

PART 2 – PRODUCTS

2.01 MANUFACTURER

A. Acceptable Manufacturer: InPro Corporation
PO Box 406 Muskego, WI 53150 USA
Telephone: 800.222.5556, Fax: 888.715.8407,
inprocorp.com

B. Substitutions: upon prior approval before bid opening.

C. Provide all shower receptors from a single source.

2.02 MANUFACTURED UNITS

A. Custom ADA Shower Receptors

2.03 MATERIALS

A. Prism Solid Surface: Shower receptor shall be manufactured from polyester/acrylic blended resins with natural filler material.

2.04 FINISHES

A. Color of Prism Solid Surface shower receptors to be selected by the architect from the Prism Solid Surface receptor color finish selection. Surface shall have a satin finish.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine areas and conditions in which shower receptors will be installed.

3.02 PREPARATION

A. General: Prior to installation, clean area to remove dust, debris and loose particles.

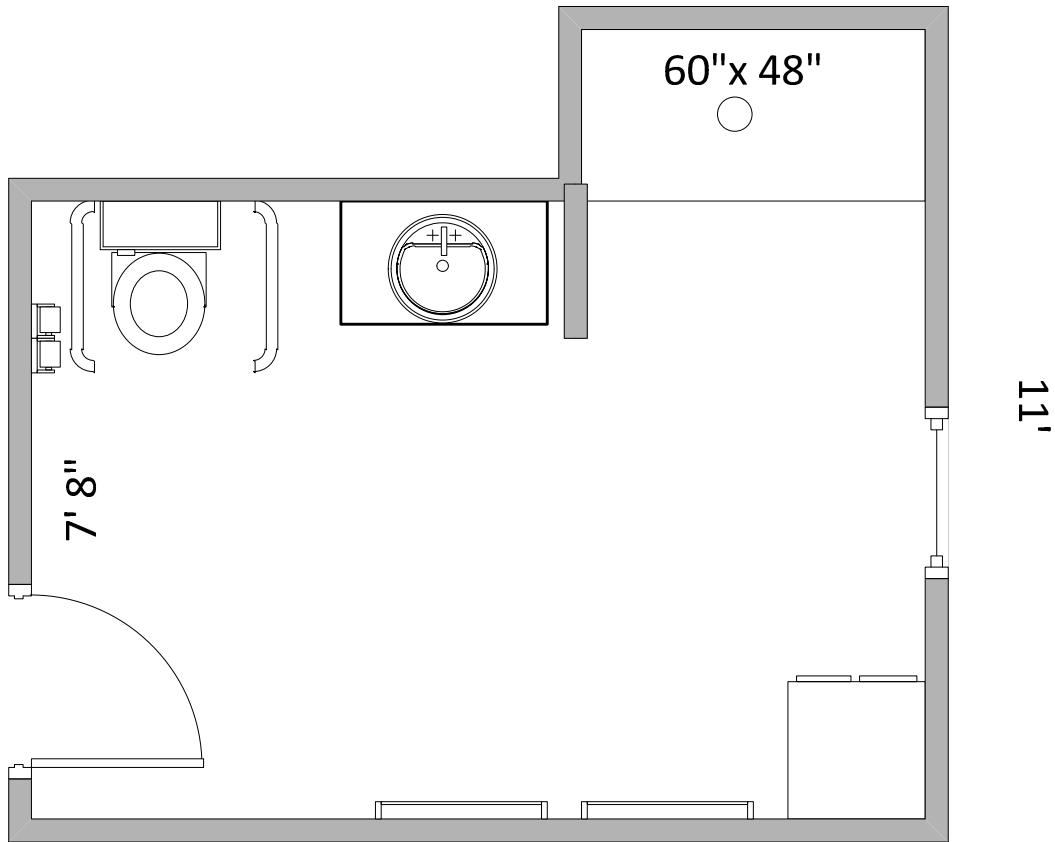
3.03 INSTALLATION

A. General: Install components plumb and level, scribe adjacent finishes, in accordance with approved shop drawings and recommended installation instructions.

3.04 CLEANING

A. At completion of the installation, clean surfaces in accordance with the InPro Decorative Surfaces clean-up and maintenance instructions.

END OF SECTION



13'

Floor Plan

PART 1 ELECTRICAL

1.01 GENERAL

The work under this section consists of the furnishing of all plant, labor, materials, services and equipment to properly complete all item of electrical work and associated work described in the specifications, shown on the plans or reasonably implied.

1.02 REFERENCES

ALL work shall be completed in strict conformance to the current edition of the:
Connecticut Electrical Codes
National Electrical Codes
NFPA

1.03 DESCRIPTION OF WORK

- Remove, rework, relocate, and reinstall all electrical items as may be necessary to provide for project completion.
- Install wiring for disposer, if needed.
- Provide and install new receptacles (including GFI as required) and switches.
- Provide and install light fixtures and switching as per the attached schedule.

PART 2 PRODUCTS

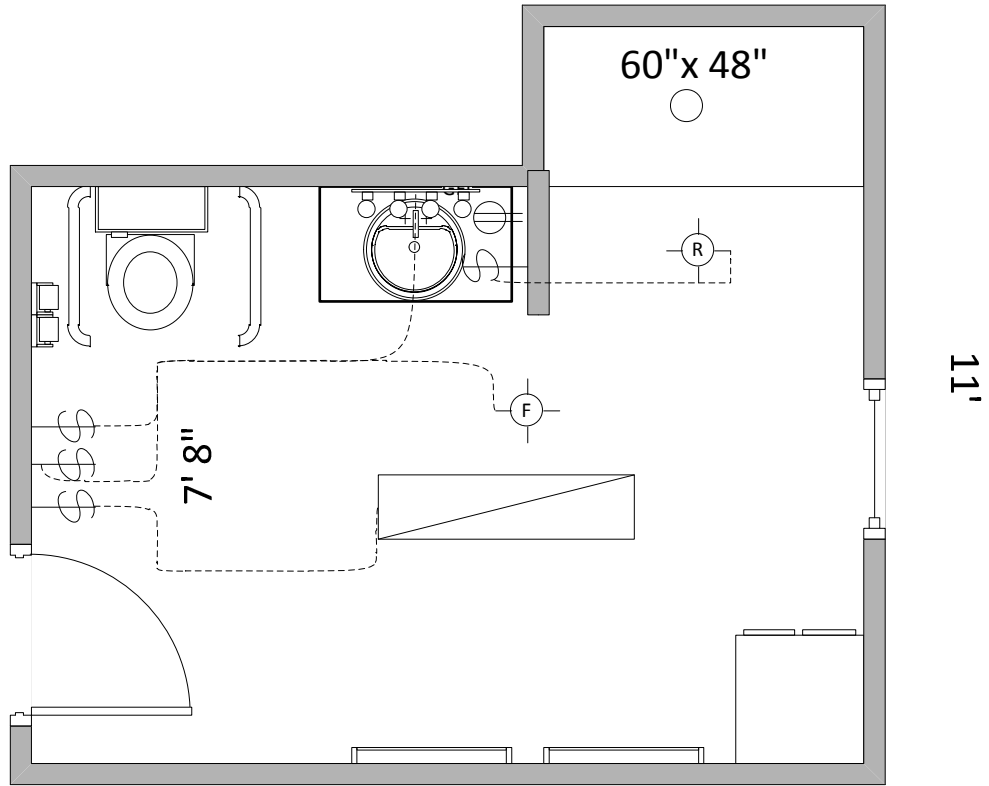
Provide miscellaneous parts and accessories as required to complete the work.
Products are to meet or exceed existing or as required by current code.

- Switches and receptacles- Hospital Grade-White or as specified elsewhere.
- Light Fixtures;
 - Lithonia Model 11690 Velegant Linear 1' x 4' two lamp T-8 or approved equal.
 - Lithonia Model 11935 Wide Band Vanity or approved equal.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Persons licensed in the State of Connecticut to perform electrical work of this scope and size shall perform ALL work. Submit copy of license to the agency representative upon request.
- B. Provide all labor and materials to: perform all electrical work as necessary to accommodate finished renovations.
- C. Test, Inspect, adjust, for correct operation all items.
- D. Clean and remove all smudges, fingerprints, etc. from all affected areas after installation for final inspection.



13'

Electrical Plan

END OF SECTION

RESILIENT SHEET FLOORING (Slip-Retardant)

PART 1 GENERAL

- A. Installer Qualifications; Company specializing in the installation of flooring for minimum period of five (5) years.
- B. If required, provide types of flooring and accessories supplied by one manufacturer, including leveling and patching compounds, and adhesives.
- C. If required, provide flooring material to meet the following fire test performance criteria as tested by a recognized independent testing laboratory:
 - a. ASTM E 648 Critical Radiant Flux of 0.45 watts per sq. cm. or greater, Class I.
 - b. ASTM E 662 (Smoke Generation) Maximum Specific Optical Density of 450 or less.

1.04 SUBMITTALS

- A. Submit manufacturer's technical data, installation and maintenance instructions for flooring and accessories.
- B. Submit the manufacturer's standard samples showing the required colors for flooring, welding rods, and applicable accessories

1.05 ENVIRONMENTAL CONDITIONS

- A. Deliver materials in good condition to the jobsite in the manufacturer's original unopened containers that bear the name and brand of the manufacturer, project identification, and shipping and handling instructions.
- B. Store materials in a clean, dry, enclosed space off the ground, and protected from the weather and from extremes of heat and cold. Protect adhesives from freezing. Store flooring, adhesives and accessories in the spaces where they will be installed for at least 48 hours before beginning installation.
- C. Maintain a minimum temperature in the spaces to receive the flooring and accessories of 65°F (18°C) and a maximum temperature of 85°F (29°C) for at least 48 hours before, during, and for not less than 48 hours after installation. Thereafter, maintain a minimum temperature of 55°F (13°C) in areas where work is completed. Protect all materials from the direct flow of heat from hot-air registers, radiators, or other heating fixtures and appliances.
- D. Install flooring and accessories after the other finishing operations, including painting, have been completed. Close spaces to traffic during the installation of the flooring. Do not install flooring over concrete slabs until they are sufficiently dry to achieve a bond with the adhesive, in accordance with the manufacturer's recommended bond and moisture tests.

PART 2 PRODUCTS

2.01 RESILIENT SHEET FLOORING MATERIALS

- A. Provide Mannington Assurance II -Retardant Vinyl Sheet Flooring or equal as approved by the Plant Facilities Engineer in color selected by the Agency,
- B. Provide solid color vinyl weld rod supplied by manufacturer, and intended for heat welding of seams.

2.02 WALL BASE MATERIALS

- A. For integral flash cove base: Provide integral flash cove wall base by extending sheet flooring 4 in. (10.16 cm) up the wall using adhesive, welding rod, and accessories recommended and approved by the flooring manufacturer.

2.03 ADHESIVES

- A. Provide only manufacturer specified Adhesives.

2.04 ACCESSORIES

- A. For patching, smoothing, and leveling subfloors use only manufacturer specified materials.
- B. Provide water-resistant silicone caulk for the perimeter of the installation and around drains to seal out moisture.
- C. For sealing joints between the top of wall base or integral cove cap and irregular wall surfaces such as masonry, provide water-resistant silicone caulk applied according to the manufacturer's recommendations.
- D. Provide a fillet support strip for integral cove base with a minimum radius of 1 in. (2.54 cm) of wood or plastic.
- E. Provide transition/reducing strips tapered to meet abutting materials.
- F. Provide metal edge strips of required thickness to protect exposed edges of the flooring. Provide units of maximum available length to minimize the number of joints. Use butt-type metal edge strips for concealed anchorage, or overlap-type metal edge strips for exposed anchorage. Unless otherwise shown, provide strips made of extruded aluminum with a mill finish.

PART 3 EXECUTION

3.01 INSPECTION

- A. Examine subfloors prior to installation to determine that surfaces are smooth and free from cracks, holes, ridges, and other defects that might prevent adhesive bond or impair durability or appearance of the flooring material. Subflooring is to be removed and replaced as needed.
- B. Inspect subfloors prior to installation to determine that surfaces are free from curing, sealing, parting and hardening compounds; residual adhesives; adhesive removers; and other foreign materials that might prevent adhesive bond. Visually inspect for evidence of moisture, alkaline salts, carbonation, dusting, mold, or mildew.
- C. Report conditions contrary to contract requirements that would prevent a proper installation. Do not proceed with the installation until unsatisfactory conditions have been corrected.
- D. Failure to call attention to defects or imperfections will be construed as acceptance and approval of the subfloor. Installation indicates acceptance of substrates with regard to conditions existing at the time of installation.

3.02 PREPARATION

- A. Remove old flooring and underlayment.
- B. Install new ¼" "Multiply") 5-ply Underlayment or Halex Accuply Underlayment Panel (or approved equal
- C. Vacuum or broom-clean surfaces to be covered immediately before the application of flooring. Make subfloor free from dust, dirt, grease, and all foreign materials.
- D. Contractor shall cut any doors and install door sweeps as may be required.

3.03 INSTALLATION OF SHEET FLOORING

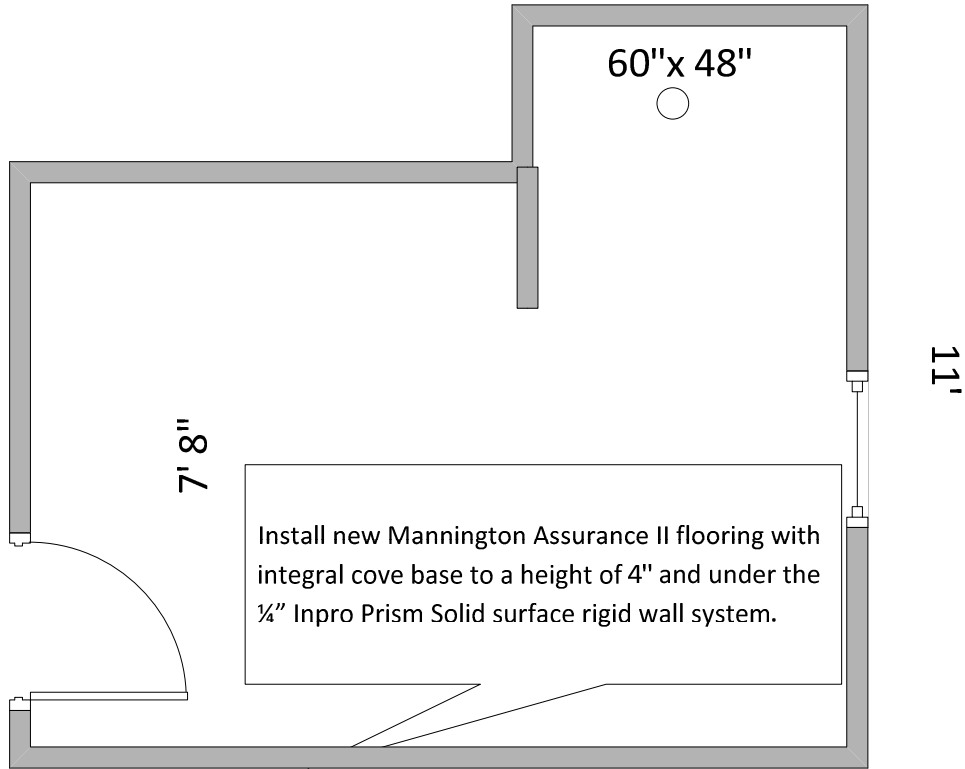
- A. Install flooring in strict accordance with the latest edition of the manufacturer's instructions.
- B. Install flooring wall to wall before the installation of floor-set cabinets, casework, furniture, equipment, movable partitions, etc. Extend flooring into toe spaces, door recesses, closets, and similar openings.
- C. If required, install flooring on pan-type floor access covers. Maintain continuity of color and pattern within pieces of flooring installed on these covers. Adhere flooring to the subfloor around covers and to covers.
- D. Scribe, cut, and fit or flash cove to permanent fixtures, columns, walls, partitions, pipes, outlets, and built-in furniture and cabinets.
- E. Adhere flooring to the subfloor without cracks, voids, raising and puckering at the seams. Roll with a 100-pound (45.36 kilogram) roller in the field areas. Hand-roll flooring at the perimeter and the seams to assure adhesion. Refer to specific rolling instructions of the flooring manufacturer.
- F. Lay flooring to provide a minimum number of seams. Avoid cross seams, filler pieces, and strips. Match edges for color shading and pattern at the seams in compliance with the manufacturer's recommendations.
- G. Install flooring with adhesives, tools, and procedures in strict accordance with the manufacturer's written instructions. Observe the recommended adhesive trowel notching, open times, and working times.
- H. Prepare heat-welded seams with special routing tool supplied for this purpose and heat weld with vinyl welding rod in seams. Use methods and sequence of work in conformance with written instructions of the flooring manufacturer. Finish all seams flush and free from voids, recesses, and raised areas.

3.04 INSTALLATION OF ACCESSORIES

- A. Apply top set wall base to walls, columns, casework, and other permanent fixtures in areas where top-set base is required. Install base in lengths as long as practical, with inside corners fabricated from base materials that are mitered or coped. Tightly bond base to vertical substrate with continuous contact at horizontal and vertical surfaces.
- B. Apply a water-resistant silicone caulk at the perimeter of the flooring and around drains.
- C. Fill voids with water-resistant silicone caulk along the top edge of the resilient wall base or integral cove cap on masonry surfaces or other similar irregular substrates.
- D. Apply overlap metal edge strips where at doorways, before flooring installation. Secure units to the substrate, complying with the edge strip manufacturer's recommendations.

3.05 CLEANING AND PROTECTION

- 1. Protect installed flooring as recommended by the flooring manufacturer against damage from rolling loads, other trades, or the placement of fixtures and furnishings.



13'

Flooring Plan

END OF SECTION

SHOWER SOLID SURFACE WALL PANELS & WALL CLADDING

PART 1 - GENERAL

1.01 SUMMARY

- A. Wall Cladding from Prism Solid Surface Material

1.02 SECTION INCLUDES

- A. Wall cladding/wainscoting

1.03 REFERENCES

- A. American National Standards Institute (ANSI)
- B. International Cast Polymer Alliance (ICPA)
- C. National Fire Protection Association (NFPA)

1.04 SYSTEM DESCRIPTION

- A. Provide wall cladding that conforms to the following requirements of regulatory agencies and the quality control of InPro Decorative Surfaces.
 - 1. Provide solid surface material that conforms to ANSI/ICPA SS-1 for workmanship and finish, structural integrity and material characteristics.
 - 2. Fungal and Bacterial Resistance: Provide Prism Solid Surface Inconspicuous Hygienic Wall System that does not support fungal or bacterial growth as tested in accordance with ASTM G-21 and ASTM G-22.
 - 3. Fire Performance Characteristics: Provide Prism Solid Surface Wall Cladding conforming with the NFPA class A fire rating as determined by ASTM E-84.

1.05 SUBMITTALS

- A. Product Data: Manufacturer's printed product data for each type of wall cladding specified.
- B. Samples: Color samples a minimum of 2" x 2" indicating color and pattern.
- C. Manufacturer's Installation Instructions: Printed installation instructions for each type of wall cladding specified.

1.06 DELIVERY STORAGE AND HANDLING

- A. Deliver materials in unopened factory packaging to the jobsite.
- B. Inspect materials at delivery to assure that specified products have been received.
- C. Store in original packaging in an interior climate controlled location away from direct sunlight.

1.07 PROJECT CONDITIONS

- A. Environmental Requirements: Products must be installed in an interior climate controlled environment.

1.08 WARRANTY

- A. Standard PRISM Solid Surface Limited 10 Year Warranty against material and manufacturing defects.

PART 2 – PRODUCTS

2.01 MANUFACTURER

- A. Acceptable Manufacturer: InPro Decorative Surfaces, InPro Corporation, PO Box 406 Muskego, WI 53150 USA; Telephone: 800-222-5556, Fax: 888-715-8407, www.inprocorp.com
- B. Substitutions: Upon Approval
- C. Provide all Solid Surface Fabrications from a single source.

2.02 SOLID SURFACE FABRICATIONS

- A. Wall cladding/wainscoting: Provide wall cladding/wainscoting from 1/2", panels of Prism Solid Surface. Panels shall have butt joints or 1/16" joints sealed with color matched silicone sealant. Panels are to be adhered with adhesive.
 - 1. Edge Options: Square

2.03 ACCESSORIES

- A. Prism Corner Molding, 3/4" x 3/4" x 1/4"x96"
- B. Prism Batten Strip, 21/4"X 1/4" X 96"
- C. Prism Perimeter Trim, 21/4"x 1/4" x 96"
- D. L-shaped corner molding, DSOCP196, 1" x 1" x 1/4" x 96".
- E. Angle-shaped corner molding, DSICP196, 15/16" x 1/4" x 96".
- F. . Solid Surface Bonding Adhesive
- G. Adhesive Cartridge Dispenser
- H. Adhesive Mixing Tips
- I. Silicone Sealant

2.04 MATERIALS

- A. Solid Surface: Prism Solid Surface material shall be manufactured from polyester/acrylic blended resins with natural filler material.

2.05 FINISHES

- A. Color and pattern of solid surface material to be selected by the architect from the Prism Solid Surface finish selection. Surface shall have a matte, semi-gloss or high-gloss finish.

2.06 FABRICATION

- A. Fabricator should be familiar with the cutting, machining, sanding polishing and seaming of solid surface materials.
- B. Produce joints connecting components using manufacturer's joint adhesive. Joints shall be inconspicuous in appearance.
- C. Finish: Finish all surfaces uniformly.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine areas and conditions in which wall cladding will be installed.

3.02 PREPARATION

- A. General: Prior to installation, clean area to remove dust, debris and loose particles.

3.03 INSTALLATION

- A. General: Install components plumb and level, scribe adjacent finishes, in accordance with approved shop drawings and recommended installation instructions.

3.04 CLEANING

- A. At completion of the installation, clean surfaces in accordance with the InPro Decorative Surfaces clean-up and maintenance instructions.

SMOOTH IPC RIGID VINYL SHEET

PART 1 - GENERAL

1.01 SUMMARY

A. Smooth rigid vinyl sheet with co-laminated film for wall protection and decoration

1.02 SECTION INCLUDES

A. IPC Smooth Rigid Vinyl Sheet

1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM)
- B. National Building Code of Canada (NBC)
- C. National Fire Protection Association (NFPA)
- D. Society of Automotive Engineers (SAE)
- E. Underwriters Laboratory (UL)
- F. Underwriters Laboratory of Canada (ULC)
- G. Uniform Building Code (UBC)

1.04 SYSTEM DESCRIPTION

A. Performance Requirements: Provide rigid vinyl sheet systems that conform to the following requirements of regulatory agencies and the quality control of IPC Door and Wall Protection Systems, InPro Corporation.

1. Fire Performance Characteristics: Provide UL Classified IPC Rigid Vinyl Sheet conforming with the NFPA Class A fire rating. Surface burning characteristics as determined by UL-723 (ASTM E-84), for IPC Rigid Vinyl Sheet installed with 3M Fastbond 30, InPro Bond Adhesive, or Formulated Solutions, LLC "XT-2000+" Adhesive shall be a maximum flame spread of 20 and a maximum smoke developed of 350 for .060" (1.5mm) thick material. Provide ULC (Canada) listed IPC Rigid Vinyl Sheet conforming to the requirements of the National Building Code of Canada 1990, Subsection 3.1.13. Surface burning characteristics, as determined by CAN/ULC-S102.2, shall be flame spread of 15 and smoke developed of 30.
2. Self Extinguishing: Provide rigid vinyl sheet with a CC1 classification, as tested in accordance with the procedures specified in ASTM D-635-74, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position, as referenced in UBC 52-4-1988.
3. Provide sheet materials that have been tested and results filed in compliance with article 15, part 1120 of the New York State uniform fire prevention and building code. DOS # 09960-930.504.4001.
4. Impact Strength: Provide IPC Rigid Vinyl Sheet that has an Impact Strength of 30.4 ft-lbs/ inch of thickness as tested in accordance with the procedures specified in ASTM D-256-90b, Impact Resistance of Plastics.
5. Chemical and Stain Resistance: Provide rigid vinyl sheet that show resistance to stain when tested in accordance with applicable provisions of ASTM D-543.
6. Fungal and Bacterial Resistance: Provide rigid vinyl that does not support fungal or bacterial growth as tested in accordance with ASTM G-21 and ASTM G-22.
7. Color Consistency: Provide components matched in accordance with SAE J-1545 - (Delta E) with a color difference no greater than 1.0 units using CIE Lab, CIE CMC, CIE LCh, Hunter Lab or similar color space scale systems.

1.05 SUBMITTALS

- A. Product Data: Manufacturer's printed product data for each type of IPC Rigid Vinyl Sheet specified.
- B. Detail Drawings: Mounting details with the appropriate adhesives for specific project substrates.
- C. Samples: Verification samples of IPC Rigid Vinyl Sheet, 8" (203mm) square, of each type and color indicated.
- D. Manufacturer's Installation Instruction: Printed installation instructions for IPC Rigid Vinyl Sheet.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in unopened factory packaging to the jobsite
- B. Inspect materials at delivery to assure that specified products have been received.
- C. Store in original packaging in a climate controlled location away from direct sunlight.

1.07 PROJECT CONDITIONS

A. Environmental Requirements: Products must be installed in an interior climate controlled environment.

1.08 WARRANTY

A. Standard IPC Limited Lifetime Warranty against material and manufacturing defects.

PART 2 - PRODUCTS

2.01 MANUFACTURER

A. Acceptable Manufacturer:

IPC Door and Wall Protection Systems
InPro Corporation, PO Box 406 Muskego, WI 53150 USA
Telephone: 800.222.5556, Fax: 888.715.8407
www.inprocorp.com

B. Substitutions: Not permitted

C. Provide all IPC Rigid Vinyl Sheet and wall protection from a single source.

2.02 MANUFACTURED UNITS

A. Rigid Vinyl Sheet

1. IPC Smooth Rigid Vinyl Sheet Options

Item # Dimensions Thickness

406SM 4'x8' (1.22m x 2.44m) .060" = 1/16" (1.5mm), standard

Backing – unbacked

Accessories:

407 Top Cap; Length: 8' (2.44m) standard, 10' (3.04m) available

408 Vertical Divider Bar; Length: 8' (2.44m) standard, 10' (3.04m) available

409 Inside Corner; Length: 8' (2.44m) standard, 10' (3.04m) available

3448SM, 3496SM, 11248SM or 11296SM Outside Corner

580 Color matched VinylSeal

2.03 MATERIALS

A. Vinyl: IPC shall be manufactured from chemical and stain resistant polyvinyl chloride with the addition of impact modifiers. No plasticizers shall be added (plasticizers may aid in bacterial growth).

2.04 ACCESSORIES

A. Top caps, inside corners, divider bars and outside corners shall be made of extruded PVC.

2.05 FINISHES

A. Pattern of IPC Sheet to be selected by the architect from the IPC Sheet finish selection. Surface shall have a smooth finish.

B. Accessories: Top caps, inside corners, divider bars and outside corners shall be of a color matching the IPC.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine areas and conditions in which the rigid vinyl sheet will be installed.

1. Complete all finishing operations, including painting, before beginning installation of rigid vinyl sheet materials.

B. Wall surface shall be dry and free from dirt, grease and loose paint.

3.02 PREPARATION

A. General: Prior to installation, clean substrate to remove dust, debris and loose particles.

3.03 INSTALLATION

A. General: Locate the rigid vinyl sheet as indicated on the approved detail drawing for the appropriate substrate and in compliance with the IPC installation instructions. Install level and plumb at the height indicated on the drawings.

B. Installation of IPC Rigid Vinyl Sheet

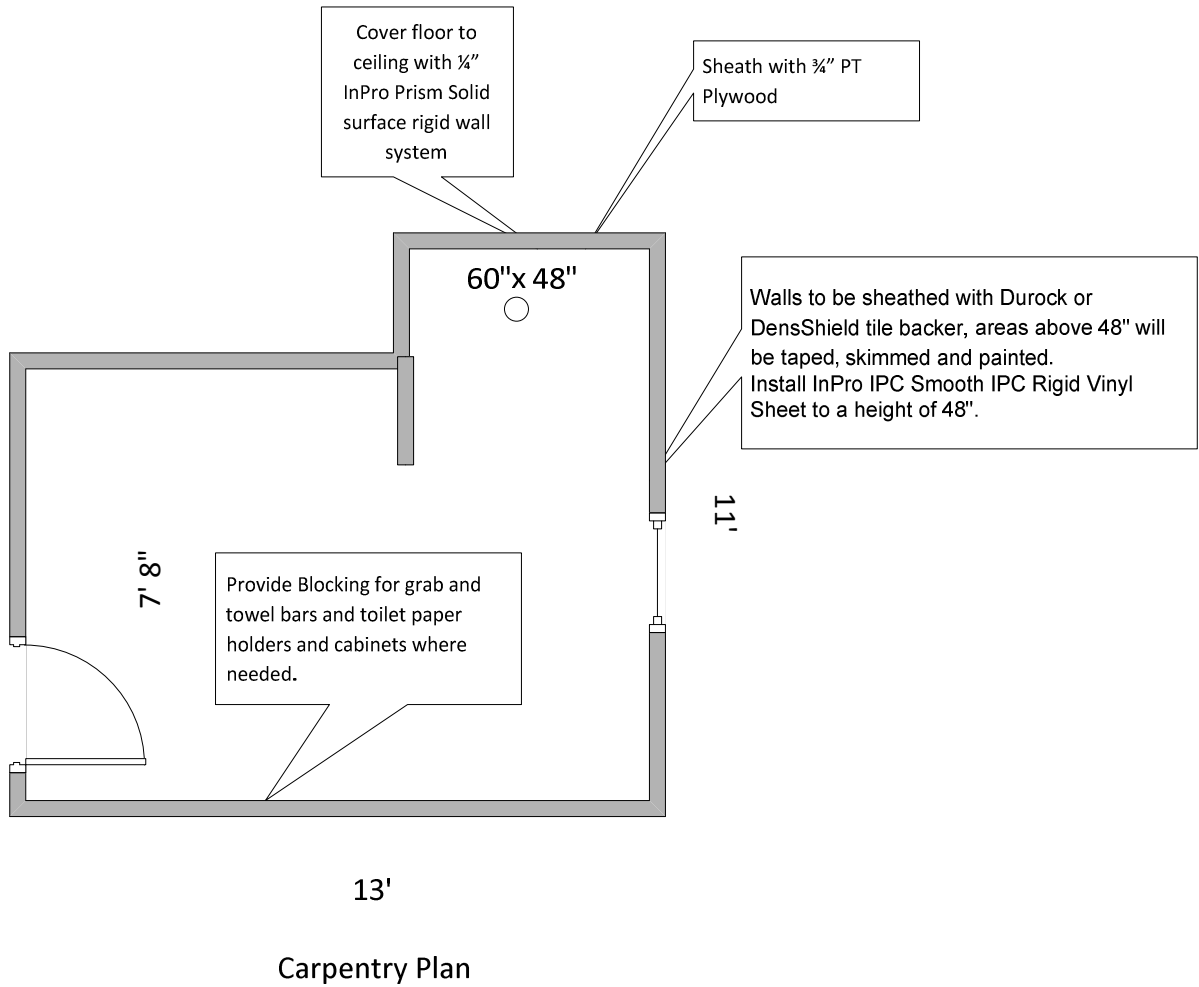
1. Adhere to substrate with InPro Bond, a freeze-thaw stable, nonflammable, high strength, water based adhesive that trowels on and allows approximately 20 minutes working time before firming.

2. Adhere to substrate with XT-2000+, a freeze-thaw stable, nonflammable, high strength, water based adhesive that trowels on and allows approximately 20 minutes working time before firming.

3. Adhere to substrate with Fastbond 30, a nonflammable, high strength, water-dispersed contact adhesive, with very little odor. Smooth roll surface.

3.04 CLEANING

A. At completion of the installation, clean surfaces in accordance with the IPC clean-up and maintenance instructions.



END OF SECTION

CABINET SPECIFICATIONS

Part 1 – GENERAL

1.1 SUMMARY

1. Remove existing vanity and countertops and install new.
2. Standard Overlay (partial overlay) Style ONLY (to allow doors to open 170+ degrees
3. Specification is modeled after Armstrong “Extreme Series” cabinets.
4. Cabinets are to be Oak with Oak raised panel doors and oak veneer fillers and solid oak trim.
5. Oak veneer finished ends and solid Oak trim pieces: ¾” inside corner, ¾” outside corner, and ¾” quarter round molding at all intersections to be included in base bid.

1.2 SUBMITTALS

1. Product Data: Submit product data for cabinets and countertops to Plant Facilities Engineer prior to placing order.

1.3 DELIVERY, STORAGE, AND HANDLING

- A. Packing, Shipping, Handling and Unloading:
1. Do not deliver cabinets until building or storage area is enclosed and sufficiently dry to prevent damage from excessive changes in moisture content.
 2. Protect casework and equipment from damage during delivery, storage, installation and subsequent building operations.
 3. Supply and Delivery Only: Include supply and delivery to site(s) FOB destination freight prepaid. Unless otherwise specified or scheduled, unloading and handling at site is by contractor.

1.4 SCHEDULING

- A. Scheduling and Completion: Comply with requirements of Bid Package.
- B. Work shall be done during normal business hours.
- C. All work shall be scheduled with the specified on-site agency representative.

1.5 PROJECT CONDITIONS

- A. Field Measurements: Field measure spaces to receive cabinets before beginning fabrication.
1. Cabinets: Conform to building lines and neatly fitted around openings, pipes, and other obstructions.

PART 2 - PRODUCTS

2.1 APPROVED MANUFACTURERS

1. **Evans Cabinet Corporation**

1321 North Franklin Street

Dublin Ga. 31021 USA

478-272-2530

478-272-2731

<http://www.evanscabinet.com/>

2. **Armstrong Cabinets**

5465 Legacy Drive

Suite 600

Plano, TX 75024

1-800-228-1804

<http://www.armstrong.com/rescabam/na/cabinets/en/us/cabinetry-construction.html#>

Substitutions must be submitted for approval to Plant Facilities Engineer prior to bid opening, as delineated on bid package cover sheet, No substitutions will be accepted after the bid is awarded.

3.1 Hardware Details

A. HINGES

- Self-Closing, Full Wrap, 1/4" Overlay
- 180 degree opening
- Dual-spring mechanism for quiet, consistent self-closing power
- Self Closing: Yes
- Overlay: 1/4"
- Wrap: FULL

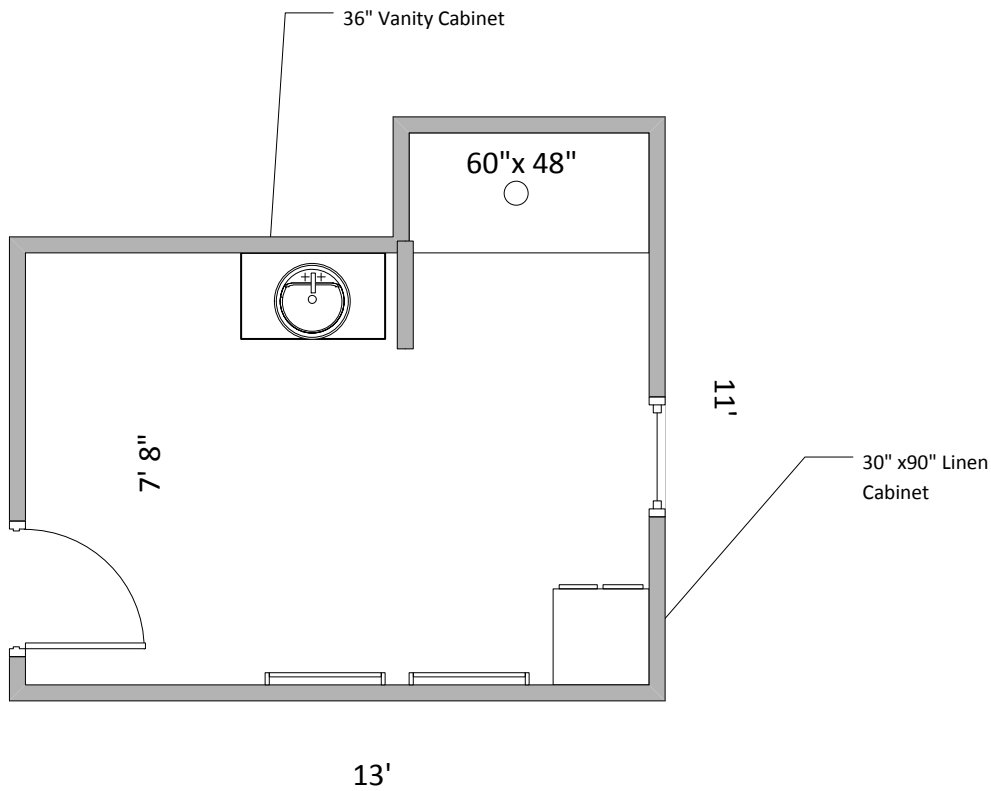
B. PULLS (Doors and Drawers)

- Screw Type: 2x #8-32 x 1"

C. ACCESSORIES

- Mirror: Kohler K-2508
- Recessed Dual Roll Toilet paper dispenser Bobrick B-697

Or approved equal....selection by Plant Facilities Engineer.



Cabinet Plan

End of Section

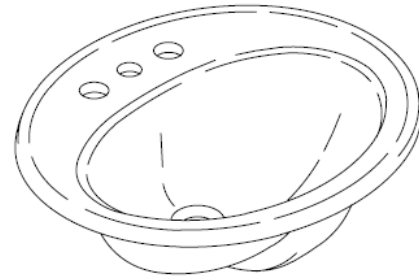
Features

- Vitreous china
- Self-rimming
- ADA compliant when installed in a 21" (53.3 cm) minimum depth countertop
- Optional soap dispenser hole on left (-L) or right (-R)
- With or without overflow
- 4" (10.2 cm) centers
- 20-1/4" (51.4 cm) x 17-1/2" (44.5 cm)

Codes/Standards Applicable

Specified model meets or exceeds the following:

- ADA
- ASME A112.19.2
- IAPMO/UPC
- CSA International
- CABO/ANSI A117.1



Colors/Finishes

- 0: White
- Other: Refer to Price Book for additional colors/finishes

Accessories

- CP: Polished Chrome

Specified Model

Model	Description	Colors/Finishes	
K-2196-4	Countertop lavatory, less soap dispenser hole; with overflow	<input type="checkbox"/> 0	<input type="checkbox"/> Other _____
K-2196-4L	Countertop lavatory with soap dispenser hole on left; with overflow	<input type="checkbox"/> 0	<input type="checkbox"/> Other _____
K-2196-4R	Countertop lavatory with soap dispenser hole on right; with overflow	<input type="checkbox"/> 0	<input type="checkbox"/> Other _____
K-2196-4N	Countertop lavatory, less soap dispenser hole; less overflow	<input type="checkbox"/> 0	<input type="checkbox"/> Other _____
K-2196-4K	Countertop lavatory with soap dispenser hole on right; less overflow	<input type="checkbox"/> 0	<input type="checkbox"/> Other _____
K-2196-4F	Countertop lavatory with soap dispenser hole on left; less overflow	<input type="checkbox"/> 0	<input type="checkbox"/> Other _____
Recommended Accessories			
K-8998	P-Trap	<input type="checkbox"/> CP	

Product Specification

The self-rimming lavatory shall be 20-1/4" (51.4 cm) in length, and 17-1/2" (44.5 cm) in width. Lavatory shall be made of vitreous china. Lavatory shall have 4" (10.2 cm) centers drilling. Lavatory shall be ADA compliant when installed in a 21" (53.3 cm) minimum depth countertop. Lavatory shall be with or without overflow. Lavatory shall feature optional soap dispenser hole (-L, left or -R, right). Lavatory shall be Kohler Model K-2196-_____-_____-_____.

Features

- 12" (30.5 cm) rough-in
- Vitreous china
- Elongated bowl
- Less seat and supply
- Combination toilet
- Class Five™ flushing system
- 2-1/8" (5.4 cm) glazed trapway
- 1.6 gpf (6 lpf) or 1.28 gpf (4.8 lpf)
- 16-1/2" (41.9 cm) high bowl is ADA compliant when an open front seat is installed
- 11-3/4" (29.8 cm) x 9-1/4" (23.5 cm) water area
- 29-3/8" (74.6 cm) x 19" (48.3 cm) x 30-3/4" (78.1 cm)

COMFORT HEIGHT™ COMBINATION ELONGATED TOILET

K-3496

ALSO K-3496-RA, K-3496-HE

ADA



Codes/Standards Applicable

Specified model meets or exceeds the following:

- ASME A112.19.2
- IAPMO/UPC
- Energy Policy Act of 1992
- CSA B45
- ADA
- CSA International

Colors/Finishes

- 0: White
- Other: Refer to Price Book for additional colors/finishes

Accessories

- 0: White
- CP: Polished Chrome
- PB: Vibrant® Polished Brass
- Other: Refer to Price Book for additional colors/finishes

Specified Model

Model	Description	Trip Lever	Colors/Finishes
K-3496	Elongated front (left-hand trip lever), 1.6 gpf (6 lpf) or 1.28 gpf (4.8 lpf)	left-hand	<input type="checkbox"/> 0 <input type="checkbox"/> Other_____
K-3496-HE	Elongated front (left-hand trip lever), 1.28 gpf (4.8 lpf)	left-hand	<input type="checkbox"/> 0 <input type="checkbox"/> Other_____
K-3496-RA	Elongated front (right-hand trip lever)	right-hand	<input type="checkbox"/> 0 <input type="checkbox"/> Other_____
K-3496-T	Elongated front, tank lock		<input type="checkbox"/> 0 <input type="checkbox"/> Other_____
K-3496-TR	Elongated front, tank lock (right-hand trip lever)	right-hand	<input type="checkbox"/> 0 <input type="checkbox"/> Other_____

Recommended Accessories			
K-4664	Brevia™ seat with cover	<input type="checkbox"/> 0	<input type="checkbox"/> Other_____
K-4660	Lustra™ open front toilet seat – for ADA compliant installation	<input type="checkbox"/> 0	<input type="checkbox"/> Other_____
K-7637	3/8" Angle supply with stop	<input type="checkbox"/> CP	<input type="checkbox"/> PB <input type="checkbox"/> Other_____

Optional Accessories			
K-9466-L	Left-hand trip lever (non-CP)	<input type="checkbox"/> PB	<input type="checkbox"/> Other_____
K-9466-R	Right-hand trip lever (non-CP)	<input type="checkbox"/> PB	<input type="checkbox"/> Other_____
K-9470-L	Left-hand trip lever	<input type="checkbox"/> PB	<input type="checkbox"/> Other_____
K-9470-R	Right-hand trip lever	<input type="checkbox"/> PB	<input type="checkbox"/> Other_____

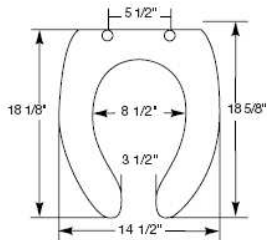


COMMERCIAL PLASTIC SEATS



1055SSC

Seats shall be No. 1055SSC as manufactured by Bemis Manufacturing Co. Seats shall be heavy duty and injection molded of solid plastic. Seats shall be open front less cover for elongated bowl and feature large molded-in bumpers. 300 Series stainless steel, self-sustaining concealed check hinge holds seat in any raised position up to 11 degrees beyond vertical. Uses 300 Series stainless steel hardware. Color to be white.



Ring thickness is 13/16"
 Ring thickness including the bumper is 1"
 Height of the seat with cover is 1-1/2"



CONCEALED CHECK HINGES WITH 300 SERIES STAINLESS STEEL POST



CONCEALED CHECK HINGE



1055SSC PROFILE

Bemis Manufacturing Co., Sheboygan Falls, WI 53085
 www.BemisSeats.com

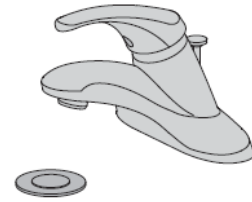
Phone: 920-467-4621 800-558-7651 Fax: 920-467-8573

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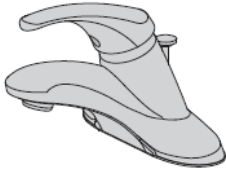

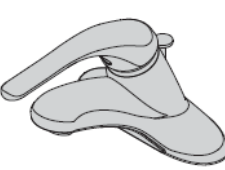

SYMMETRIX Lavatory Faucet, S-20 Series

Specification Submittal



Feature Highlights

- Single lever faucet with red & blue indicators on handle
- Handle limits stops
- Aerator, 2.2 gpm flow rate (8.3 L/min)
- Ceramic control components
- Supply: 6 inches of 3/8 inch copper tubing, 4 inch (102mm) centers
- Metal construction, polished chrome finish

S-20 series handle options			
Standard	LP	W	LCT
			
<p>Ordering Information</p> <p>Model Numbers Append appropriate -suffix to model number.</p> <ul style="list-style-type: none"> <input type="checkbox"/> S-20 Faucet only with lift rod hole <input type="checkbox"/> S-20-0 Faucet only with no lift rod hole <input type="checkbox"/> S-20-1 Faucet with lift rod <input type="checkbox"/> S-20-2 Faucet with pop-up drain & lift rod <input type="checkbox"/> S-20-2-G Faucet with grid strainer drain <p>Finish Options Append appropriate -suffix to model number.</p> <ul style="list-style-type: none"> <input type="checkbox"/> BRS Radiance® polished brass finish* <input type="checkbox"/> PCB Polished chrome and Radiance® polished brass finish* <input type="checkbox"/> STN Radiance® satin finish* <p>*Note (1) Handles with red/blue indicators are not available with decorative finishes. (2) Handles may not be available in all decorative finishes.</p>		<p>Handle Options Append appropriate -suffix to model number.</p> <ul style="list-style-type: none"> <input type="checkbox"/> LP Loop handle with metal finish <input type="checkbox"/> LCT Acrylic handle <input type="checkbox"/> W Lever handle with metal finish, 6 inch (152mm) handle with red & blue indicators on handle <p>Other Options Append appropriate -suffix to model number.</p> <ul style="list-style-type: none"> <input type="checkbox"/> LST Supply with 16 inches of copper tubing <input type="checkbox"/> BH 20 inch braided supply hose instead of copper tubing <input type="checkbox"/> IPS 1/2 inch IPS connections <input type="checkbox"/> OFG Offset grid strainer <input type="checkbox"/> FR 5 gpm flow restrictor (vandle resistant) <input type="checkbox"/> VP Vandal resistant aerator <input type="checkbox"/> NA Non-aerated , laminar flow outlet 	

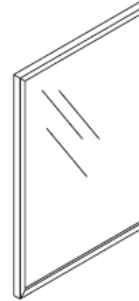
Features

- Frame of birch solids and paintable substrate
- Vertical wall-mount installation
- Includes hanger
- Coordinates with the Chalkstripe vanities
- 24" (61 cm) x 33" (83.8 cm) x 1" (2.5 cm)

Codes/Standards Applicable

Specified model meets or exceeds the following:

- None applicable



Colors/Finishes

- F42: Fleece

Specified Model

Model	Description	Colors/Finishes
K-2508	Mirror – vertical wall-mount	<input type="checkbox"/> F42
Recommended Vanities		
K-2414	Chalkstripe vanity, 24" (61 cm) width	<input type="checkbox"/> F42
K-2474	Chalkstripe vanity, 30" (76.2 cm) width	<input type="checkbox"/> F42
K-2490	Chalkstripe vanity, 36" (91.4 cm) width	<input type="checkbox"/> F42
K-2496	Chalkstripe vanity, 48" (121.9 cm) width	<input type="checkbox"/> F42



Product Specification

The mirror shall be 24" (61 cm) in width, 33" (83.8 cm) in height, and 1" (2.5 cm) in depth. Mirror frame shall be made of birch solids and paintable substrate. Mirror shall be for vertical-mount installation and include hanger. Mirror shall coordinate with the Chalkstripe vanities. Mirror shall be Kohler Model K-2508-F42.

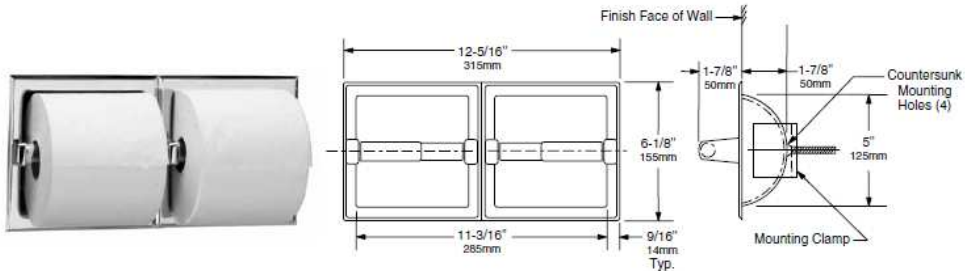


RECESSED DUAL-ROLL TOILET TISSUE DISPENSER (FOR STUD WALLS OR COUNTERTOP APRONS)

B-697 B-6977



Specify Model Required: Model B-697 Bright polished stainless steel
 Model B-6977 Satin-finish stainless steel



Rough Opening
11-3/4" (300mm) wide
5-1/4" (135mm) high
3-3/8" (85mm) minimum
recessed depth

MATERIALS:

Shell and Flange — 18-8 S, type-304, 22-gauge (0.8mm) stainless steel. Drawn, one-piece, seamless construction with four countersunk mounting holes.

Support Posts (4) — Heavy-duty cast zamak with chrome-plated finish.

Mounting Bracket — Plated-steel mounting clamp attaches to back of unit with four sheet-metal screws for installation in stud walls or countertop aprons.

Spindles (2) — Chrome-plated plastic equipped with heavy-duty internal springs.

Designer's Note: Theft-resistant toilet tissue spindles, which are removable only with special key provided, are available as an optional accessory. To specify, add suffix .60 to model number. Example: B-697.60.

INSTALLATION:

Provide framed rough opening 11-3/4" wide x 5-1/4" high (300 x 135mm). Minimum recessed depth required from finish face of wall or apron is 3-3/8" (85mm).

For installation in stud walls or countertop aprons without backing, loosely attach mounting clamp to back of unit with sheet-metal mounting screws. Insert into rough opening. Adjust mounting clamp so it grips surface inside rough opening. Secure in place by tightening four sheet-metal mounting screws.

For installation in stud walls or countertop aprons with backing, discard mounting clamp furnished with unit. Insert unit only into rough opening and secure with sheet-metal screws furnished. Backing must comply with local building codes.

SPECIFICATION:

Recessed dual-roll toilet tissue dispenser shall be type-304, 22-gauge (0.8mm) stainless steel with _____ (insert one: bright polished or satin) finish. Shell and flange shall be drawn, one-piece, seamless construction. Unit shall be furnished with plated-steel mounting clamp for stud walls and countertop aprons. *Spindles shall be chrome-plated plastic with heavy-duty internal springs. Manufacturer's service and parts manual shall be provided to the building owner/manager upon request.

**To specify theft-resistant spindles as an optional accessory, add to specification:* Theft-resistant toilet tissue spindles shall be removable only with special key provided.

Recessed Dual-Roll Toilet Tissue Dispenser shall be Model _____ (insert model number) of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

The illustrations and descriptions herein are applicable to production as of the date of this Technical Data Sheet.
The manufacturer reserves the right to, and does from time to time, make changes and improvements in designs and dimensions.

Revised 5/06 Printed in U.S.A.
© 2006 by Bobrick Washroom Equipment, Inc.



Catalog Number	
Notes	Type

FEATURES & SPECIFICATIONS

INTENDED USE

Provides general illumination for residential and commercial applications. Ideal for use as lighting in bathroom/lavatories, over hospital beds, hallways/corridors, stairways and utility areas.

ATTRIBUTES

Decorative contoured linear design complements a range of décors. Rugged UV stabilized one-piece white diffuser provides a soft uniform illumination. 2" wide end caps offered in white, white marble, ivory marble, taupe marble, and gray granite. Suitable for vertical or horizontal mounting. Available in 2', 3' and 4' lengths. Optional brass or chrome twin-lined inlaid available for a custom look.

Utilizes linear T8 fluorescent lamps for energy efficiency, superior color rendering and long life (not included).

Standard with electronic ballast (120 volt, 60Hz) ensures no flickering and quiet operation without interfering with other electronics. Also available in other ballast configurations.

RE ballast fixtures use non-dimmable switches only. See options for dimmable ballast.

All mounting hardware included.

LISTING

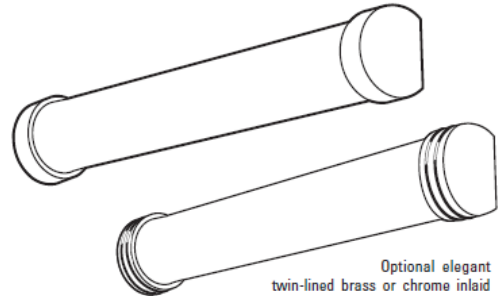
CUL listed to US and Canadian safety standard on Residential Electronic (RE) ballast fixtures and suitable for damp locations. ENERGY STAR® qualified. For Non-RE ballast, UL and CSA (standard) for NOM Certified see options.

WARRANTY

Guaranteed for two years against mechanical defects in manufacture.

Indoor Decorative Wide Band Vanity

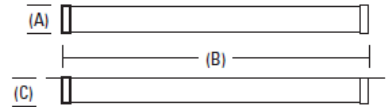
Linear T8 Fluorescent



Optional elegant twin-lined brass or chrome inlaid

DIMENSIONS

Nominal Size	Lamp Configuration	Model Number	Number of Lamps	(A) Width inches (cm)	(B) Length inches (cm)	(C) Extension* inches (cm)
2'		11934	(2) 17W linear T8	4-7/8" (9.8)	25-5/8" (65.1)	4-1/8" (10.5)
3'		11935	(2) 25W linear T8	4-7/8" (9.8)	37-5/8" (95.6)	4-1/8" (10.5)
4'		11936	(2) 32W linear T8	4-7/8" (9.8)	49-5/8" (126.0)	4-1/8" (10.5)



* Extension from wall

All dimensions are in inches (centimeters)

ORDERING INFORMATION

Example: 11934RE FMW

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories and replacement parts as separate catalog numbers.

Model Number ^{1,2}	Residential Ballast ³	Ballast/Voltage ⁴	Options	Finish
11934 2' - (2) 17W linear T8 fluorescent lamps required	RE 120 volt residential electronic ballast (standard)	(blank) RE ballast fixtures only	GEB Electronic ballast, <20% THD GEB10IS T8 electronic ballast, <10% THD, instant start	WH White FMW White marble
11935 3' - (2) 25W linear T8 fluorescent lamps required	(blank) Other voltage and ballast types available (see ballast/voltage)	MVOLT Multi-volt 120 120 volt 277 277 volt 347 347 volt	GEB10RS T8 electronic ballast, 10% THD, rapid start NOM NOM certified	FMI Ivory marble FMT Taupe marble FGG Gray marble
11936 4' - (2) 32W linear T8 fluorescent lamps required		Other voltage and ballast types (consult factory)	(Consult factory for other options.)	Optional twin-lined inlaid Brass (BI) or Chrome (CI) available on end caps. Order by adding suffix to desired finish. Example: FMW BI

Accessories/Replacement parts
(Refer to back)

Notes:
1. Lamps not included.
2. Use with non-dimmable switches only.
3. Residential electronic ballast standard and requires RE designation.
4. No designation for lamp type is required on RE ballast fixtures.

Light Concepts Indoor Decorative - Vanity

Sheet #: WIBV DEC-338



Catalog Number	
Notes	Type

FEATURES & SPECIFICATIONS

INTENDED USE

Provides general illumination in residential and light commercial applications. Ideal for use in offices and all rooms in the house.

ATTRIBUTES

Sleek linear design with accenting white faux marble center strip and brushed nickel finials at each end. Durable, milk white acrylic diffuser provides wide spread, uniform illumination. Finials provide easy access for cleaning and maintenance. Available in three sizes: 1'x2', 1'x4' or 1-1/2'x4'.

Utilizes linear T8 fluorescent lamps for energy efficiency, superior color rendering and long life (not included).

Standard with 120 volt, 60Hz electronic ballast ensures no flickering and quiet operation without interfering with other electronics. Also available in other ballast configurations.

For use with non-dimmable switches only.

LISTING

CUL listed (standard) suitable for damp locations and ENERGY STAR[®] qualified. For non-RE ballast fixtures, UL (standard) and for CSA certified (see options).

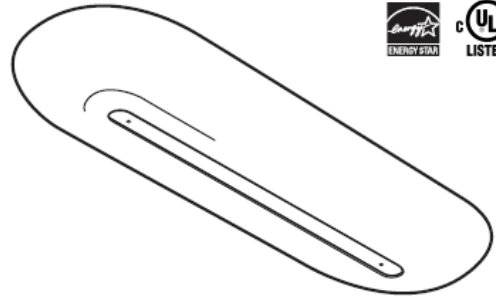
WARRANTY

Guaranteed for two years against mechanical defects in manufacture.

Indoor Decorative

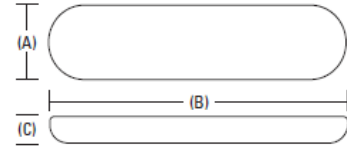
Velegant Linear Flush Mount

Linear T8 Fluorescent



DIMENSIONS

Nominal Size	Lamp Configuration	Model Number	Number of Lamps	(A) Width inches (cm)	(B) Length inches (cm)	(C) Extension* inches (cm)
1' x 2'		11692	(2) 17W linear T8	12" (30.5)	31-3/4" (80.6)	3-3/8" (8.6)
1' x 4'		11690	(2) 32W linear T8	12" (30.5)	55-3/4" (141.6)	3-3/8" (8.6)
1-1/2' x 4'		11694	(4) 32W linear T8	15-1/4" (38.7)	57-1/2" (146.0)	3-7/8" (9.8)



* Extension from ceiling

All dimensions are in inches (centimeters)

ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers.

Example: **11690RE**

Model Number ^{1,2}	Residential Ballast ³	Ballast/Voltage ⁵	Options
11692 1' x 2' - (2) 17W linear T8 fluorescent lamps	RE 120 volt residential electronic ballast (standard)	(blank) RE ballast fixtures only	GEB Electronic ballast, <20% THD
11690 1' x 4' - (2) 32W linear T8 fluorescent lamps	(blank) Other voltage and ballast types available (see ballast/voltage)	MVOLT Multi-volt	GEB10IS T8 electronic ballast, <10% THD, instant start
11694 1-1/2' x 4' - (4) 32W linear T8 fluorescent lamps		120 120 volt 277 277 volt 347 347 volt	GEB10RS T8 electronic ballast, 10% THD, rapid start
			CSA CSA certified
			Consult factory for other options and accessories
Lamp⁴			
(blank) RE ballast fixtures only			
Non-RE ballast fixtures only			
17 17W T8 (2' fixtures only)			
32 32W T8 (4' fixtures only)			
Accessories/Replacement parts			
D2VEL	1' x 2' white acrylic diffuser		
DVEL	1' x 4' white acrylic diffuser		
D15VEL	1-1/2' x 4' white acrylic diffuser		

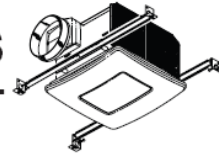
Notes:
 1. Lamps not included.
 2. Use with non-dimmable switches only.
 3. Residential electronic ballast standard and requires RE designation.
 4. No designation for lamp type is required on RE ballast fixtures.
 5. No designation for ballast/voltage type is required on RE ballast fixtures.

Light Concepts Indoor Decorative - Linear

Sheet #: VELL

DEC-407

QTXE SERIES FAN / LIGHT / NIGHT LIGHTS MODELS QTXE080FLT, QTXE110FLT, QTXE150FLT



Ultra-quiet, high performance bath fan / light with a modern-styled grille.

FEATURES

BLOWER:

- Plug-in, permanently lubricated motor - engineered for continuous operation
- Dynamically balanced centrifugal blower wheel for quiet, efficient performance
- Maintains a high percentage of rated CFM in less than ideal installations
- Low RPM for quiet operation
- Resilient anti-vibration motor mounts

HOUSING:

- Rugged, 26 gauge, galvanized steel construction
- 6" round ducting for superior performance
- Polymeric duct connector with tapered sleeve and no metallic clatter
- 7-5/8" height allows for 2" x 8" (nominal) joist installations
- Sturdy, easy, four-point mounting directly to joist
- Includes unique spacer (patent pending) for mounting to engineered "I" joists
- Includes hanger bars to position housing anywhere between 16" to 24"-on-center joists
- Two sets of mounting holes for hanger bars allow flush installation with bottom or top of drywall
- Can be mounted in ceilings up to 12/12 pitch

GRILLE:

- Polymeric construction
- Innovative design - the result of extensive research with designers and consumers
- 42W fluorescent lamp * (bulb included) and 4W night light (bulb not included)
- Durable steel reflector with white enamel finish

CONTROLS (Purchase separately):

- Refer to Broan's catalog for a complete line of accessories to effectively adapt these fans to your construction requirements

U.L. Listed for use over bathtubs and showers when connected to a GFCI protected branch circuit (ceiling mount only).

U.L. Listed for use in insulated ceilings (TYPE I.C.)

California Title 24 compliant.

3-Year Warranty

Broan-NuTone LLC, 926 West State Street, Hartford, WI 53027 (1-800-637-1453)

TYPICAL SPECIFICATION

Ceiling Ventilator shall be Broan Model QTXE080FLT (QTXE110FLT) (QTXE150FLT).

Ceiling Ventilator shall have corrosion resistant galvanized steel housing with four-point mounting capability. It shall be ducted to a roof or wall cap using 6" round ductwork.

Blower assembly shall be removable, have a centrifugal-type blower wheel and a permanently lubricated motor designed for continuous operation and mounted with resilient anti-vibration mounts.

Non-metallic damper/duct connector shall be included.

Lamp shall be 42W fluorescent * with separate 4W night light.

Air delivery shall be no less than 80 (110) (150) CFM and sound level no greater than 0.3 (0.7) (1.4) Sones. All air and sound ratings shall be certified by HVI.

Ceiling ventilator shall be Energy Star® qualified and have an energy efficient permanent split capacitor motor.

Ceiling Ventilator shall be U.L. Listed for use in insulated ceilings (Type I.C.) and for use over bathtubs and showers when connected to a GFCI protected branch circuit.



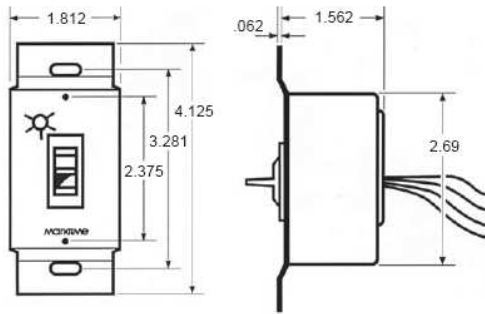
* Use only one of the following 42W fluorescent lamps:

G.E.	F42TBX/835/A/ECO or F42TBX/830/A/ECO or F42TBX/827/A/ECO
PHILIPS	PL-T 42W/35/4P/ALTO or PL-T 42W/30/4P/ALTO or PL-T 42W/27/4P/ALTO
SYLVANIA	CF42DT/E/IN/835 or CF42DT/E/IN/830 or CF42DT/E/IN/827
NEMA Type	CFTR42W/GX24q/835 or CFTR42W/GX24q/830 or CFTR42W/GX24q/827
Broan	99271358

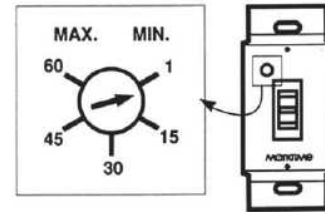
REFERENCE	QTY.	REMARKS	Project	
			Location	
			Architect	
			Engineer	
			Contractor	
			Submitted by	Date

70D 99043813E

SPECIFICATIONS AND RATINGS



Adjustable Time Control

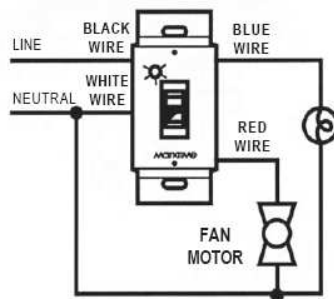


With small screwdriver turn timeset to desired time delay.

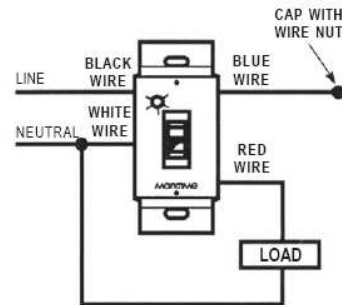
RATINGS	
Input Voltage	120 VAC
Output Ratings	1/3 hp (7.5 amp max.) motor load; 500 watts incandescent
Operating Temperature	32°F to 158°F (0°C to 70°C)

WIRING DIAGRAMS

Light and Fan Application



Timed Load Application



MarkTime®

Brand of Energy Saving Products

Complete line of wall box timers, fan/light switches, solid state timers, professional bell and time switches, and programmable digital timers.



M.H. Rhodes

105 Nutmeg Road South, South Windsor, CT 06074
 Tel: (860) 291-8402 Fax: (860) 610-0897 www.mhrhodes.com



BATH PAINT

SATIN FINISH

A57 SERIES

<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>	<u>SURFACE PREPARATION</u>						
<p>Bath Paint has been specially formulated to provide a mildew resistant finish in humid environments such as bathrooms, kitchens, closets, basements, garages, and laundry rooms.</p> <p>A tough, durable finish, it is suitable for use on interior walls, ceilings, and trim. Common household stains may be removed with nonabrasive cleaners.</p> <p>When applied according to label directions, Bath Paint:</p> <ul style="list-style-type: none"> • Will resist mildew growth for at least 5 years • Will be moisture resistant • Will not blister or peel • Is fade resistant • Will not yellow • Will remain washable and scrubbable <p>Color: Many colors</p> <p>Coverage: 350 - 400 sq ft/gal @ 4 mils wet; 1.4 mils dry</p> <p>Drying Time, @ 77°F, 50% RH: temperature and humidity dependent Touch: 1 hour Recoat: 4 hours</p> <p>Flash Point: N/A</p> <p>Finish: 5-15 units @ 60°</p> <p>Tinting with Blend-A-Color:</p> <table border="0"> <tr> <td>Base</td> <td>oz/gal</td> <td>Strength</td> </tr> <tr> <td>Extra White</td> <td>0-5</td> <td>100%</td> </tr> </table> <p>Vehicle Type: Vinyl Acrylic</p> <p>A57W51</p> <p>VOC (less exempt solvents): 73 g/L; 0.61 lb/gal</p> <p>Volume Solids: 35 ± 2%</p> <p>Weight Solids: 50 ± 2%</p> <p>Weight per Gallon: 10.7 lb</p> <p>OTC Compliant</p> <p>Mildew Resistant This coating contains agents which inhibit the growth of mildew on the surface of this coating film.</p>	Base	oz/gal	Strength	Extra White	0-5	100%	<p>Block 1 ct. PrepRite Block Filler 2 cts. Bath Paint Satin Finish</p> <p>Drywall Self prime or 1 ct. PrepRite Classic Primer 2 cts. Bath Paint Satin Finish</p> <p>Plaster 1 ct. PrepRite Wall and Wood Primer or PrepRite Masonry Primer 2 cts. Bath Paint Satin Finish</p> <p>Masonry 1 ct. PrepRite Masonry Primer 2 cts. Bath Paint Satin Finish</p> <p>Wood, Composition Board 1 ct. PrepRite Wall and Wood Primer or PrepRite Classic Primer 2 cts. Bath Paint Satin Finish</p>	<p>WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.</p> <p>Remove all surface contamination by washing with ProClean Professional® Prep Wash Concentrated Cleaner or other appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with PrepRite® ProBlock® Primer Sealer.</p> <p>Drywall Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.</p> <p>Masonry, Concrete, Cement, Block All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with PrepRite® Masonry Primer.</p>
Base	oz/gal	Strength						
Extra White	0-5	100%						

Product Specifications
ASSURANCE II

MANNINGTON
COMMERCIAL

PHYSICAL CONSTRUCTION

Construction	Slip Retardant Sheet Flooring
Wear Layer	Quantum Guard HP Urethane Aluminum Oxide Topcoat Cured by UV Process
Size	6' (1.83m)
Wearlayer Thickness	.080 (2.03 mm)
Overall Thickness	.080 (2.03 mm)
Weight Per Square Yard	6.5 lbs / yd ² * (3.53 Kg / m ²) (*Packing weight includes interleaf of .04 lbs per sq.yd.)
Roll (Min. – Max.)	30 – 68 sq yd (25.1 – 56.9 sq m)
Pattern Repeat	Random Repeat, Reverse Sheet for Seaming
Static Load Limit	750 psi

ENVIRONMENTAL

FloorScore Indoor Air Quality	SCS Certified
CHPS 01350 Indoor Air Quality	Passed and Listed
NSF / ANSI-332 CERTIFICATION:	Gold
Manufacture Location	Salem, NJ USA

TESTING

ASTM Specification (F-1913)	Exceeds
HUD/FHA Requirements	Exceeds
Electrical Resistance, EN1815	≤ 2 kv
Flooring Radiant Panel Test (ASTM-E-648)	≥ .45 watts/cm ² , Passes (Class I)
N.B.S. Smoke Chamber Test (ASTM-E-662)	<450 – Passes
Static Coefficient of Friction	Meets ADA Guidelines

WARRANTIES

Warranty	Limited Five Year Commercial Warranty Limited Five Year Quantum Guard HP Wear Warranty
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INSTALLATION

Installation Adhesive, Porous Subfloor	V-82 / Full Spread
Installation Adhesive, Non-Porous Subfloor	V-95 / Full Spread (Must use V-95 under OR tables, hospital beds and heavy rolling loads)
Installation In Areas With Topical Moisture	V-95 Adhesive must be used, seams must be properly sealed, and perimeter / edges must be protected or covered up the wall
Chemical Seam Sealer	MLG-33
Heat Weld Seaming	Mannington Commercial Solid Color Weld Rods

- Quantum Guard HP is a low maintenance floor providing superior appearance retention, cleanability, durability and slip retardance. Quantum Guard HP can eliminate the need for polish over an extended period of time depending upon the amount of commercial traffic.
- While not rated for ramps the Quantum Guard HP finish provides an enhanced level of traction and protection against slip compared to standard resilient floors.
- Mannington Assurance II is not recommended in commercial areas that require static dissipation.
- Mannington Assurance II is not recommended in commercial areas where the surface temperature over radiant heated substrate exceeds 90° F.
- Dirt, wetness, finish selection and maintenance schedule may cause significant variation in actual performance.
- Specifications are based on averages from normal manufacturing tolerances. Such variations do not affect product performance.
- This product is intended solely for use as an indoor floor covering and is not recommended or sold for any other purpose.
- Use entryway systems outside each entrance to prevent dirt, sand, grit and other substances from being tracked onto floor.

Choices That Work

800 241 2262 manningtoncommercial.com



DESCRIPTION

V-82 is a nonflammable, solvent-free, light-colored acrylic adhesive that provides good moisture and alkali resistance, and a strong bond for Mannington Commercial's homogeneous vinyl-backed products. Use over approved suspended wood floors and for on, above, or below-grade concrete. Refer to Mannington Professional Installation Guide

FEATURES

- Easy Application
- VOC-compliant / solvent-free / low odor
- Non-flammable
- Moisture- and alkali-resistant
- Readily identifiable mylar chips
- Contains fungicide protection
- Complies with SCAQMD Rule 1168

DIRECTIONS

- Make sure the underfloor is clean and free of all foreign matter such as dirt, paint, oil, wax, etc. It should be smooth and level. Sand off high spots and fill low spots, cracks, holes, etc., with the appropriate patching compound.
- The building must have permanent heat / air.
- Maintain the adhesive, floor covering, and jobsite at a temperature of at least 65°F for a minimum of 48 hours before, during, and after installation.
- V-82 adhesive should be applied with a trowel having notches 1/16" wide, 1/32" deep, spaced 1/32" apart.
- The adhesive must be spread over 100% of the exposed subfloor, leaving no gaps or puddles. Uniform coverage can be maintained by keeping the trowel clean and properly notched.
- Provide adhesive open time but do not allow the adhesive to "skin over" before laying the floor covering into the adhesive. V-82 has a 30-minute working time after spread.
- After the adhesive has been applied, roll the sheet forward into the adhesive to eliminate trapping air. Do not drop or flop the material into the adhesive. Roll the floor covering with a three-section, 150-lb floor roller in both directions.
- Fresh adhesive smears can be cleaned with water. Remove dried adhesive with mineral spirits or painter's naphtha.
CAUTION: Mineral spirits and naphtha are flammable.
- Avoid heavy traffic on the finished floor for at least 24 hours.
CAUTION: All non-porous substrates must be rendered porous by applying an appropriate overlay of a cementitious product before applying V-82.

COVERAGE

Approximately 150-200 sq ft per gallon.

PACKAGING

4-Gallon Pail #849882, weighs 46.4 lbs (21.05 kg)

PRECAUTIONS

- Use with adequate ventilation.
- Do not use where excessive moisture, alkali, or hydrostatic pressure exists.
- Prevent prolonged breathing of vapor and skin contact.
- Do not ingest.
- Avoid contact with eyes.
- **KEEP OUT OF THE REACH OF CHILDREN.**

At Your Service
 1-800-241-2262
 Literature | Samples | Information
www.mannington.com

 **MANNINGTON**
 COMMERCIAL.
 P.O. Box 12281 Calhoun, Georgia 30703-7004



Plywood Underlayment: Halex Plywood Underlayment: Product Guide

[Special Features](#) | [Thickness](#) | [Size](#) | [Nail Pattern](#) | [Technical Data](#) | [Flooring Mfrs. Requirements](#) | [For Ceramic Tile](#)

Using Halex Plywood Underlayment with Major Vinyl Floor Brands

Halex plywood underlayment has been specifically designed for use under all types of vinyl floors. Halex's warranty applies to all installations on Armstrong, Mannington, Congoleum, and Domco/Tarkett floors when both Halex installation instructions and the vinyl manufacturer's instructions have been followed. Each major manufacturer has its own individual recommendations regarding the selection of underlayments. Halex plywood underlayment meet the requirements of all these vinyl manufacturers. The following information provides a summary of each of the major vinyl manufacturer's requirements and indicates how Halex plywood underlayment meets.

Flooring Manufacturer Requirements					Halex Plywood Underlayment	
	Armstrong	Congoleum	Domco/Tarkett	Mannington	Specifications	Meets Requirements
Wood Type	Poplar or Birch Plywood B-C 2, 3	APA underlayment	Plywood	APA Underlayment	Baltic Birch 5 and 7 ply plywood	yes
Thickness	Minimum of 1/4	Minimum of 1/4	Minimum of 1/4 for residential; 3/8 for commercial	Minimum of 1/4	Baltic Birch 5 and 7 ply plywood	yes
Glue	Exterior grade	Exterior grade Classification	Exposure Durability Classification		Baltic Birch 5 and 7 ply plywood	yes
Face	Fully sanded	"B" face that has been filled and sanded	Plugged and fully sanded	Smooth, fully sanded	Solid wood plugged and fully sanded	yes
Back	Smooth enough so that texture not visible through vinyl	"C" back that has been filled and sanded	Sanded	Maintain uniform density porosity, and thickness	Solid core	yes
Core	Resist dents and punctures	Plugged crossbands under core	Plugged	Resist static and impact indentation	Ultrasonically tested for voids	yes
Stains	Free of staining inks, dyes, paints and other substances			Free of staining contaminants	Available with and without nail pattern	yes
Warranty			Recommends a warranty	Have written warranty	Halex Lifetime Warranty	yes

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Plywood Underlayment: Halex Plywood Underlayment: Product Guide

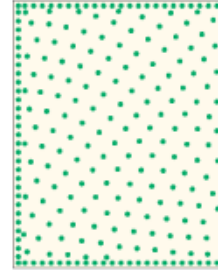
[Special Features](#) | [Thickness](#) | [Size](#) | [Nail Pattern](#) | [Technical Data](#) | [Flooring Mfrs. Requirements](#) | [For Ceramic Tile](#)

Plywood Underlayment Nailing Pattern

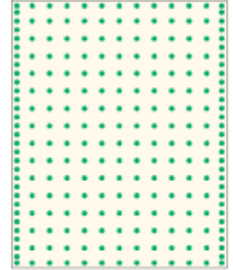
Nailing patterns printed in the plywood underlayment panel show the installer where fasteners should be placed in the panel and are useful aides in installations.

However, some vinyl manufacturers have expressed concern that the inks used to print nailing patterns on plywood underlayment may contribute to vinyl discoloration and they recommend that only unprinted underlayment panels be used. For this reason, Halex makes all of its plywood underlayment products with and without printed nailing patterns.

In addition, nailing patterns that are in straight rows can telegraph through the face of the vinyl flooring. Halex's unique fan shaped pattern and small 4 dot fastener target prevents the nail pattern from being visible from the surface.



HALEX'S RANDOM PATTERN DOES NOT SHOW THROUGH VINYL FLOORING



STRAIGHT ROW PATTERN MAY SHOW THROUGH VINYL FLOORING

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Plywood Underlayment: Halex Plywood Underlayment: Product Guide

[Special Features](#) | [Thickness](#) | [Size](#) | [Nail Pattern](#) | [Technical Data](#) | [Flooring Mfrs. Requirements](#) | [For Ceramic Tile](#)

Plywood Underlayment Technical Data

Property	Test Method	6MM Plywood Underlayment	9MM Plywood Underlayment
Wood Species	APA 1-95	White Birch (also known as Baltic or Artic Birch)	
Grade	APA 1-95	Exterior Grade Phenolic Glue, Passes Boil Test	
Construction	ASTM D1038	5 plies	7 Plies
Specific Gravity	ASTM D1037	0.73	.073
Density, lbs/cu.ft.	ASTM D1037	45.5	45.5
Molsture Content (50%RH@20°C)	ASTM D1037	6.67%	6.67%
Hardness	ASTM D1037	1,367 lbf	1,367 lbf
Modulus of elasticity: Parallel to the grain Perpendicular to the grain	ASTM D1037 ASTM D1037	2,047,584 psi 795,912 psi	2,047,584 psi 795,912 psi
Modulus of rupture: Parallel to the grain Perpendicular to the grain	ASTM D1037 ASTM D1037	13,165 psi 7,843 psi	14,375 psi 10,121 psi
Internal Bond	ASTM D1037	370 psi	370 psi
Fastener Holding: Parallel to the grain Perpendicular to the grain	ASTM D1037 ASTM D1037	333 lbf 414 lbf	520 lbf 537 lbf
Nail-Head Pull Through	ASTM D1037	378 lbf	674 lbf
Staple Pull Through: (1/4" Crown, 18 gauge) Parallel to the grain Perpendicular to the grain	ASTM D1037 ASTM D1037	167lbf 174 lbf	192 lbf 206 lbf
Boil Test: Water Resistance Stain Resistance Extract Gardner Color	APA 1-95 APA 1-95 ASTM D1544	Pass Pass 1	Pass Pass 1

Testing performed in the Halex Tech Center in accordance with accepted ASTM and APA Test Methods.