

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

- *PROJECT # and PROJECT TITLE:*
DDS 2008 Vinyl Flooring Project
- *MANDATORY PRE-BID MEETINGS TO BE HELD ON:*
**1/4/12 at 9:30 am beginning at 71 Mountain Road, Newington CT
OR 1/10/12 at 9:30 am beginning at 71 Mountain Road, Newington CT**

- *PRE-BID MEETING TO BEGIN AT:*
71 Mountain Road, Newington CT
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: 1/17/12 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: 1/24/12 at 2:00pm*

- *BID OPENING DATE AND TIME: 2/2/12 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 BOND** S (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 2008**

Project Title: **Vinyl Flooring Project**
Location: **77, 79 & 83 87 Mountain Road, Newington, 80 Route 66, Columbia & 505 Middle Turnpike Storrs**

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 Performed	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 – Representation
By Individual
For All Contract Types Regardless of Value

Written representation that 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 individual who is not an entity (corporation, limited liability company, or partnership) when entering into any contract type with the State of Connecticut, regardless of contract value. Submit to the awarding State agency prior to contract execution.

REPRESENTATION OF AN INDIVIDUAL:

I, _____, of _____,
 Signatory Business Address

represent that I will comply with the nondiscrimination agreements and warranties of Connecticut General Statutes §§ 4a-60(a)(1) and 4a-60a(a)(1), as amended.

 Signatory

 Date

 Printed Name



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 contactor 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 fourth 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@po.state.ct.us

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: **77, 79 & 83 87 Mountain Road, Newington, 80 Route 66, Columbia 505 Middle Turnpike Storrs**
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

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 **“Vinyl Flooring Project DDS-2008”** 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.
- 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.

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

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 manufacturers 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.

6/2010

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 North Region

DDS-2008 Vinyl Flooring Project

77, 79 & 83 87 Mountain Road, Newington

80 Route 66, Columbia, 505 Middle Turnpike Storrs

SUMMARY

- A. The nature of this project requires the work of various trades including but not limited to: Demolition, Carpentry, and 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. The contractor will provide all labor and materials to: removal and safe storage of and returning in place all furnishings, appliances and fixtures, removal and proper disposal of existing flooring, preparation of subflooring as per manufacturer's specifications, modification of doors and installation of new flooring and cove base as per the specifications including all needed, underlayment, ADA transitions and other items required for installation as per the manufacturer's instructions or reasonably implied.
- All work will be during normal working hours and scheduled in advance with the Maintenance Supervisor on site.
 - Site safety and security precautions must be strictly adhered to at all work sites.
 - No tools or chemical products are to be left unattended at any time.
 - The worksite will be maintained free of all debris, nails and trash at all times.

VINYL PLANK FLOORING

I. General

These installation specifications are for all fully adhered installations of Nature's Paths luxury floors. All recommendations are based on the most recent available information. All instructions and recommendations must be followed for a satisfactory installation.

Products

- Mannington Nature's Path 6"x36" Plank Flooring-color to be chosen by Agency
- Mannington V-82 Adhesive.
- Halex Accuply or MultiPLY Brand Underlayment Panel

- The floor covering, adhesive, and room temperature must be kept within a temperature range of 65°F to 100°F for at least 48 hours before, and 48 hours after, installation.
- Install Nature's Paths only after the job site has been cleaned and cleared of other trade apparatus that may damage a finished installation.
- Always check the cartons to insure the pattern number is correct and that the shade and lot numbers are the same on all cartons. To minimize shade variation, mix and install pieces from several different cartons.
- All subfloor/underlayment patching must be done with a non-shrinking, water-resistant Portland cement patching compound, such as Mannington MVP-2023.
- Never install Mannington resilient products over residual asphalt-type (cut back) adhesive. It can bleed through the new floor covering. Residual asphalt-type adhesive must be thoroughly removed or covered with underlayment panel as specified or Mannington latex underlayment.
- Nature's Path luxury floors are to be adhered with Mannington Commercial V-82 adhesive.

II. Subfloor Information

Careful and correct preparation of the subfloor is a major part of a satisfactory resilient floor covering installation.

Roughness or unevenness of the subfloor will telegraph through the new floor covering, resulting in an unsightly surface and excessive wear on high spots. Proper subfloor preparation and suitable underlayment installation are essential for a trouble-free job.

Carpeting

Remove all existing flooring from subfloors prior to installation. Ensure that the sub floor is structurally sound and stable.

1. GENERAL

All wood floors must be suspended at least 18" above the ground. Adequate cross-ventilation must be provided and the ground surface of a crawl space must be covered with a suitable vapor barrier. Wood subfloors directly on concrete or installed over sleeper construction are not satisfactory for the installation of Mannington Commercial flooring products. Wood subfloors must be covered with a minimum 1/4" or heavier "Halex Accuply" or "Multiply" Brand (or approved equal) underlayment- panel to assure a successful finished flooring installation to the manufacturer's specifications enclosed herein.

2. UNDERLAYMENT

Many times, wood panel subfloors are damaged during the construction process or are not of underlayment grade. These panels must be covered with "Halex Accuply" or "Multiply" Brand (or approved equal) underlayment. Underlayment panels are intended to be used to provide a smooth surface on which to adhere the finished floor covering. It must be understood that underlayment panels cannot correct structural deficiencies. All have inadequate uniformity, poor dimensional stability, and variable. Only 5/8" AC grade Plywood shall be used for subfloor repairs.

NOTE: In all cases, the underlayment manufacturer or underlayment installer is responsible for all underlayment warranties.

3. UNDERLAYMENT REQUIREMENTS

Panels intended to be used as underlayment should be specifically designed for this purpose. These panels should have a minimum thickness of 1/4". Any panels selected as an underlayment must meet the following criteria:

- Be dimensionally stable
- Have a smooth, fully sanded face so the graining or texturing will not show through
- Be resistant to both static and impact indentation
- Be free of any surface components that may cause staining such as plastic fillers, marking inks, sealers, etc.
- Be of uniform density, porosity and thickness
- Have a written warranty for suitability and performance from the panel manufacturer or have a history of proven performance

4. UNDERLAYMENT INSTALLATION

Underlayment panels must be installed as per the manufacturer's instructions provided herein.

Concrete Subfloors

1. Concrete subfloors must be dry, smooth, and free from dust, solvent, paint, wax, grease, oil, asphalt sealing compounds and other extraneous materials. The surface must be hard and dense, and free from powder or flaking.

2. All concrete slabs must be checked for moisture before installing material. The final responsibility for determining if the concrete is dry enough for installation of the flooring lies with the floor covering installer. Nature's Paths Luxury Floors must never be installed where excessive moisture emissions may exist. Moisture emission from subfloor cannot exceed 3 lbs. per 1,000 sq. ft. per 24 hours, as measured with the calcium chloride test.

Mannington will not assume responsibility for floor covering failure due to hydrostatic pressure or moisture vapor emission.

3. Holes, grooves, expansion joints and other depressions must be filled with Mannington 2023 Latex Underlayment (or equivalent), and trowelled smooth and feathered even with the surrounding surface.

C. To achieve maximum product performance, Nature's Paths floors should not be installed over existing resilient floor coverings. In the rare cases where removal of the existing resilient floor covering is not an option, the existing flooring must be covered with MANNINGTON MVP 2023, used as an Embossing Leveler, or other appropriate porous underlayment.

III. Installation

A. Plank Layout

It is also important to balance the layout of the plank format. Proper planning and layout will prevent narrow plank widths at wall junctures. Determine layout to prevent having less than one-half plank width or very short length pieces. As with all plank products, lay the long dimension of the plank parallel to the long dimension of the work area. Accurately measure the room to determine the centerline, adjust this established line to accommodate a balanced layout, and then transpose this line to a comfortable width away from the starting wall (approximately 2' to 3' wide). Apply the adhesive in this area and begin installing planks.

B. Adhesive Application

Mannington Commercial V-82 adhesive is required for adhering Nature's Paths to all approved substrates. Apply the V-82 adhesive with a 1/16" wide, 1/32" deep, 1/32" apart-notched trowel. Begin applying adhesive at the pre-determined chalk lines, working in two to three foot increments and working towards an exit of the room. The V-82 adhesive has a thirty-minute working time. Do not apply more adhesive than can be covered in this time. Set Nature's Paths into the wet adhesive, and never work directly on top of the freshly installed product. Roll each installed section of flooring with a three-section 100 pound floor roller.

C. Plank Installation

After the appropriate adhesive has been applied, begin laying planks along the designated starting line, working back to the starting wall. Planks ends should be staggered in a random manner so as to avoid clustering the end joints. Varying the length of the starting planks can assure sufficient stagger of end joints. End joints should be staggered by at least 4". Pay particular attention to the randomness of the plank layout; avoid establishing a repeating pattern. Continue installing the planks in a random fashion, and complete each area before beginning the next. If required, use a kneeling board to avoid walking on freshly installed planks.

D. Cutting and Fitting Border Planks

Nature's Paths luxury floors can be cut with a large tile cutter, or by using the score and snap technique. Direct or pattern scribe the tiles to fit into complicated, irregular walls or pipes, etc.

E. Finishing the Job

Nature's Paths luxury floors must be rolled with a minimum 100-pound, three-section floor roller immediately after installation. Roll the flooring in both directions to firmly seat the tile into the adhesive. Cover all exposed edges. Use vinyl cove base along all walls, cabinet toe-kicks, etc. Use transition strips in doorways or where new flooring joins another floor covering. Caulk along tubs, toilet bowls, etc. Do not wash the floor for 48 hours after installation. After 48 hours, damp mop to remove residual surface dirt. Follow appropriate maintenance schedule for Nature's Path™ luxury floors.

F. Provide and install vinyl base

Products;

1. Johnsonite 1/8" Rolls or approved equal. Color(s) will be chosen by the Agency from the manufacturer's standard color line.
2. Johnsonite 960 Acrylic Cove Base Adhesive

IV. Cautions and Miscellaneous

- A. Furniture should be moved onto the newly installed floor using an appliance hand truck over hardboard runways.
- B. Do not place heavy items on newly installed floor covering for at least 24 hours after completion of the installation. Heavy furniture should be equipped with suitable non-staining, wide-bearing casters.
- C. Floor covering subjected to excessive heat and light exposure is subject to thermal degradation. Use appropriate precautions to minimize potential effects on the floor covering.
- D. Oil- or petroleum-based products can result in surface staining. Do not track asphalt driveway sealer or automobile oil drips onto the vinyl floor covering.
- E. Use non-staining walk off mats. Rubber can discolor resilient floor coverings,

END OF SECTION

FLOORING UNDERLAYMENT

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes: Halex and Multiply Baltic Birch engineered plywood underlayment for vinyl, laminate, wood, carpet and other resilient flooring.

1.02 REFERENCES

- A. ASTM International
 - ASTM C 1135 Determining Tensile Adhesion Properties of Structural Sealants
 - ASTM D 1037 Evaluating Properties of Wood Base Fiber and Particle Panel Materials
- B. U.S. Department of Commerce
 - PS 1-95 Construction and Industrial Plywood

1.03 DESCRIPTION OF SYSTEM

- A. Underlayment shall be provided as a substrate for all vinyl and resilient flooring provided under the contract. The underlayment shall be designed to improve wood based subfloors and provide a suitable base for the final flooring surface. The panels shall provide a stiffer, structurally sound floor and shall remove visual imperfections in the subfloor by providing a smooth defect free surface.

1.04 SUBMITTALS: Conform to requirements of Division 1.

- A. Product data: Submit manufacturers complete catalog data and technical data sheets.
- B. Installation instructions: Submit manufacturers complete installation instructions.
- C. Warranty: Submit copy of warranty.

1.05 STORAGE AND HANDLING

- A. Store in clean dry, indoor area.

1.06 WARRANTY

- A. In addition to warranty specified in Division 1, submit warranty covering flooring underlayment that the material will not delaminate, crack, buckle or warp; the material will not stain or discolor floor covering for the lifetime of the installation.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

Halex Corporation
750 S. Reservoir Street
Pomona, CA 91766
(909) 622- 3537
FAX (909) 622-3047 www.halexcorp.com

Multiply Flooring Products, Inc.
1 Baker Road
Red Rock, ON
Canada P0T 2P0 www.multiplyplywood.com

2.02 MATERIALS

- A. Halex or Multiply Baltic birch underlayment panels, exterior grade laminated wood panel. Solid core, sanded surface, no open knots, all knots over 1/4" in diameter plugged with solid wood. Synthetic patches will not be acceptable. Units shall be assembled with exterior grade phenolic resin glue, which passes 2 hour boil test. The panels shall conform to the following:
 1. Grade: Exterior grade - Exposure 1
 2. Thickness: 1/4" (6mm),
 3. Sizes: 4'x4', 4'x5', 4'x8'
 4. Density: 45.5 pounds per cubic foot
 5. Hardness: 1,367 lbf (ASTM D1037)

6. Internal Bond: 370 psi (ASTM D1037)
7. Squareness: Adjoining sides will be perpendicular within + 1/32 inch.
8. Plies: 1/4" (6mm) - 5 ply laminated birch panel 3/8" (9mm) - 7 ply laminated birch panel
9. Flexural Strength: 1/4" (6mm) 13,165 psi (ASTM C1185) 3/8" (9mm) 14,375psi (ASTM C1185)
10. Fastener Holding Power: 1/4" (6mm) 378 lbf (ASTM D1037) 3/8" (9mm) 520 lbf (ASTM D1037)

B. Fasteners:

1. Nails: 12 gauge galvanized ring shank underlayment nails with a 3/16 inch diameter head.
2. Length: The length of the fastener shall be long enough to penetrate at least 75 percent of the subfloor, but not protrude through the bottom side of the subfloor.
3. Do not use uncoated, cement coated or rosin coated fasteners

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify that the subfloor sheathing surface is flat, fastened tightly, structurally sound, smooth, clean of debris and ready to receive flooring underlayment.
- B. Verify the moisture content of subfloor is less than 12 percent.
- C. Where raised foundations occur, verify that the vapor barrier as specified in Division 6 is properly installed in the crawl spaces.

3.02 PREPARATION

- A. Verify that the subfloor sheathing surface is flat, fastened tightly, structurally sound, smooth, clean of debris and ready to receive flooring underlayment.
- B. Replace any soft, decayed, or delaminated areas of subfloor.
- C. Add ring shank nails to any areas that squeak, has movement or is warped.
- D. Reset all protruding nail heads.
- E. Fill low spots with patching compound.
- F. Sand joints, high spots and patched areas until smooth.
- G. If there is a raised foundation, crawl spaces must have a vapor barrier to prevent moisture from entering into the joists and sub-floor.
- H. Subfloor panels are to be acclimated in the area they will be installed for 24 hours and 48 hours in extreme conditions. Acclimation may not be necessary if the storage temperature and humidity level are similar to the job site conditions.

3.03 INSTALLATION

- A. Inspect underlayment panels to insure that the surface is flat, smooth and free of any surface imperfections before installing.
- B. Layout panels perpendicular to the grain of the existing subfloor panels. Place all panels in position and ensure that the grain of each panel is running in the same direction. Place factory cut edges together and place all jobsite cut edges against the wall. Underlayment edges shall be offset from the subfloor seams at least 8 inches. Panels shall be staggered so that four corners do not meet.
- C. Lightly butt panel edges together. Do not force panels together, but do not leave a gap. Leave a gap of 1/4" - 1/2" between the panel edges and the walls.
- D. Cut from the underside of the panel using a circular power saw with a fine tooth blade. Adjust the blade to extend not more than 3/8 inch through the underlayment to minimize splintering. Make short or irregular cuts from the underside of the panel using a power jig saw with a fine toothed blade.
- E. Fasten using specified fasteners in accordance with panel manufacturer's approved installation instructions.
- F. Fasten in accordance with approved installation instructions.
- G. Sand all panel edge joints with a power belt sander. Hand sanding is not acceptable. Avoid over sanding and cupping of joints.
- H. Patch voids, gaps, gouges and chipped edges with a patching compound acceptable to the floor covering manufacturer. Allow patch to dry completely. If joints have been patched, allow patch to dry overnight. Once the patch is dry, re-sand all areas with a power belt sander. If necessary, patch again, allow to dry and re-sand with a power belt sander.
- I. Sweep or vacuum all dust and debris thoroughly.
- J. Keep the underlayment clean and dry until the finish flooring is installed. Cover with protective paper if necessary. Do not use plastic film.

VINYL PLANK LOCATIONS

87 Mountain Road, Newington

Room and Sizes:

Sun Room-11'3"x12'

Bedroom 3-14'x11'

80 Route 66, Columbia

Room and Sizes:

Sizes are for reference only verification is the responsibility of the contractor.

Bedroom-1: 11' x 11",

Bedroom-2: 11'6"x 11'

Bedroom-3: 12' x 16'

Walk-in Closet: 10' x 9'

Hallway: 26' x 5'6"

505 Middle Turnpike Storrs

FIRST FLOOR

Hallway-5' x 19'

Kitchen-10' x 10'

Dinning- 10' x 11'

Office 6' x 10'

Bedroom 2-10' x 12'

SECOND FLOOR

Hallway- 8' x 6' and 5' x 9'

Closet- 4' x 4'

Bedroom 4- 12' x 18'

END OF SECTION

RESILIENT SHEET FLOORING FOR BATHROOMS (ON WOOD SUBSTRAIT)
80 ROUTE 66, COLUMBIA & 505 MIDDLE TURNPIKE, STORRS

PART 1 GENERAL

1.01 THIS SECTION INCLUDES

1.02 QUALITY ASSURANCE AND REGULATORY REQUIREMENTS

1.4 QUALITY ASSURANCE

- 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.

1.03 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.

1.04 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 APPROVED by the Plant Facilities Engineer (submitted 14 days prior to bid opening), in color selected by the Agency, 6 ft. 7 in. (2.0 m) wide, having a nominal total thickness of 0.080 in. (2.0 mm), consisting of a nominal 0.020 in. (0.5 mm) thick. Vinyl sheet flooring shall meet the physical and performance requirements for overall thickness, residual indentation, flexibility, static load resistance, resistance to chemicals, resistance to heat and resistance to light of ASTM F 1303.
- B. Provide solid color vinyl weld rod supplied by manufacturer, and intended for heat welding of seams. Color shall be compatible with field color of flooring or as selected by Agency to contrast with field color of flooring. Color selected from the range currently available from the manufacturer.

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 paint, varnish, oils, release agents, sealers, and waxes. Remove residual adhesives as recommended by the flooring manufacturer. Remove curing and hardening compounds not compatible with the adhesives used, as indicated by a bond test or by the compound manufacturer's recommendations for flooring. Avoid organic solvents.
- B. Perform subfloor moisture testing (Relative Humidity In-situ Probe and Calcium Chloride Tests) and Bond Tests as required by the manufacturer to determine if surfaces are dry; free of curing and hardening compounds, old adhesive and other coatings; and ready to receive flooring.
- 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 will 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

- A. Perform initial maintenance according to the latest edition of manufacturer's instructions.
- B. Protect installed flooring as recommended by the flooring manufacturer against damage from rolling loads, other trades, or the placement of fixtures and furnishings.

RESILIENT SHEET FLOOR ON WOOD SUBSTRAT SCHEDULE

Measurements are approximation only; Contractor is responsible to field verify all measurements.

80 Route 66, Columbia

FIRST FLOOR

Bathroom-1 7' x 5'

Bathroom-2 7' x 6'

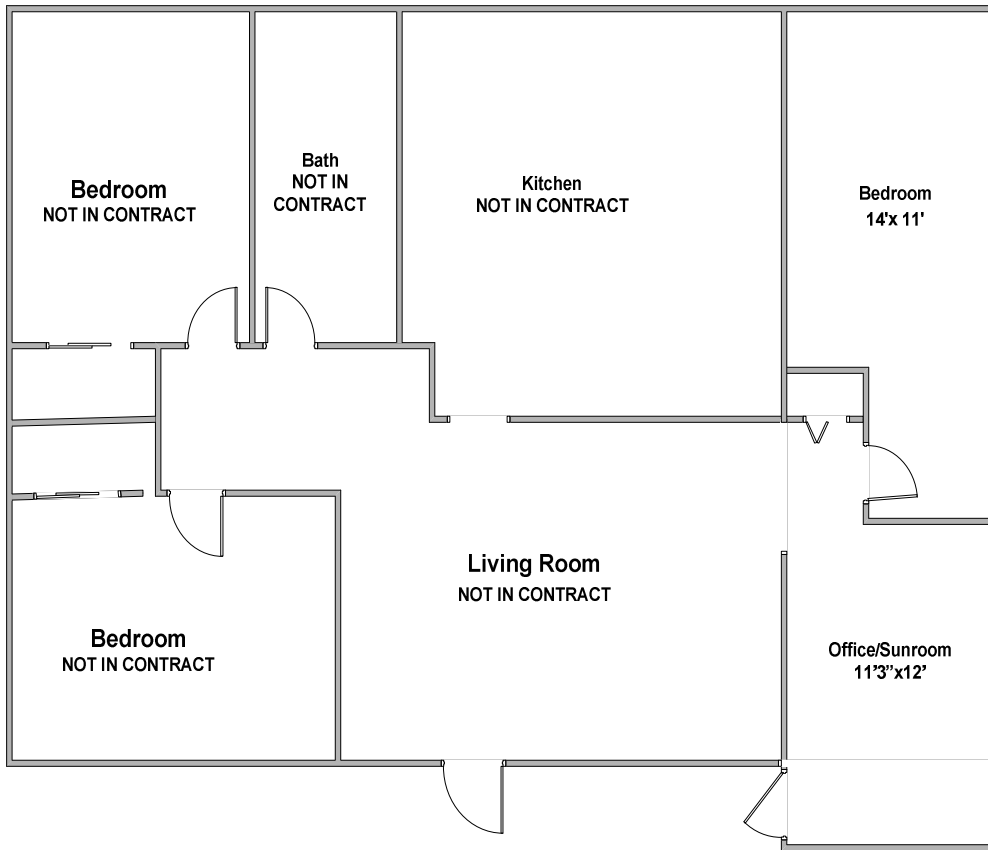
SECOND FLOOR

Bathroom- 3 6'x 7'

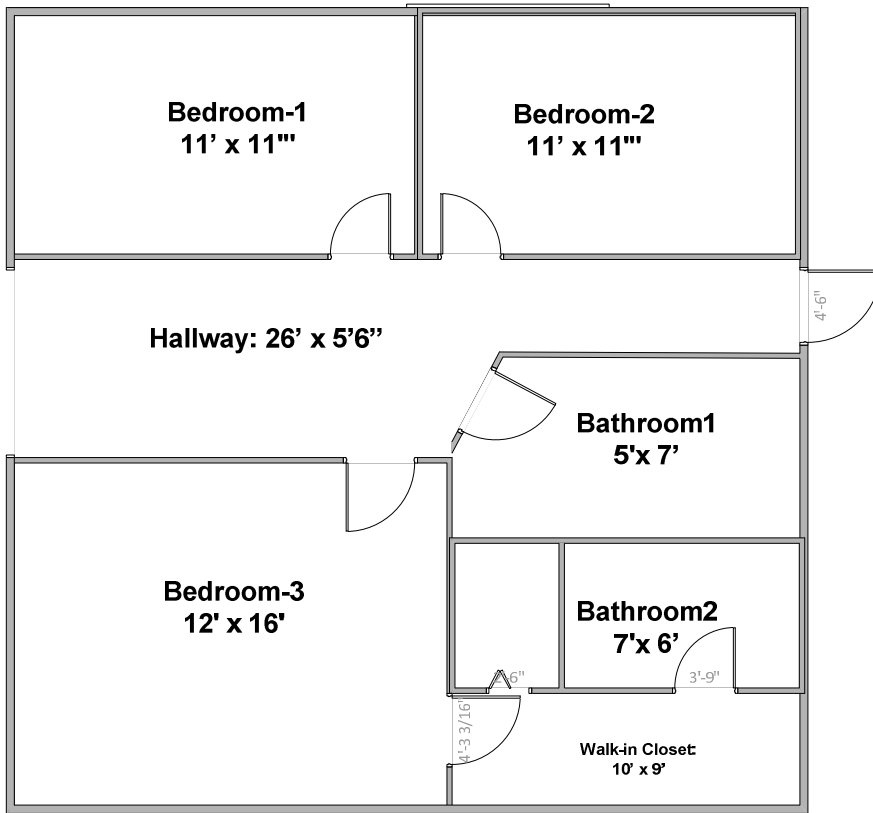
505 Middle Turnpike Storrs

First Floor Bathroom- 7' x 5'

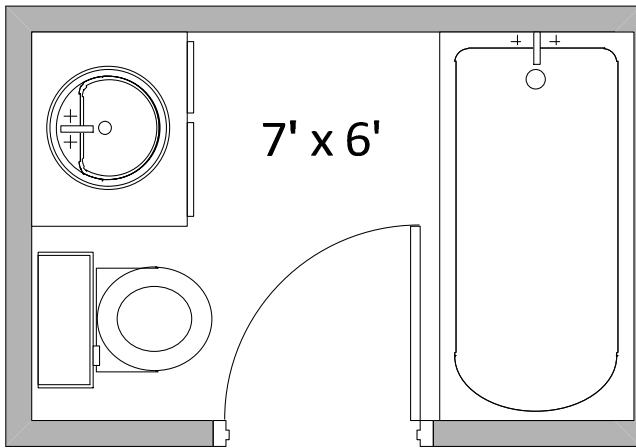
Second Floor-Bathroom- 6'x 7' & 4' x 7'



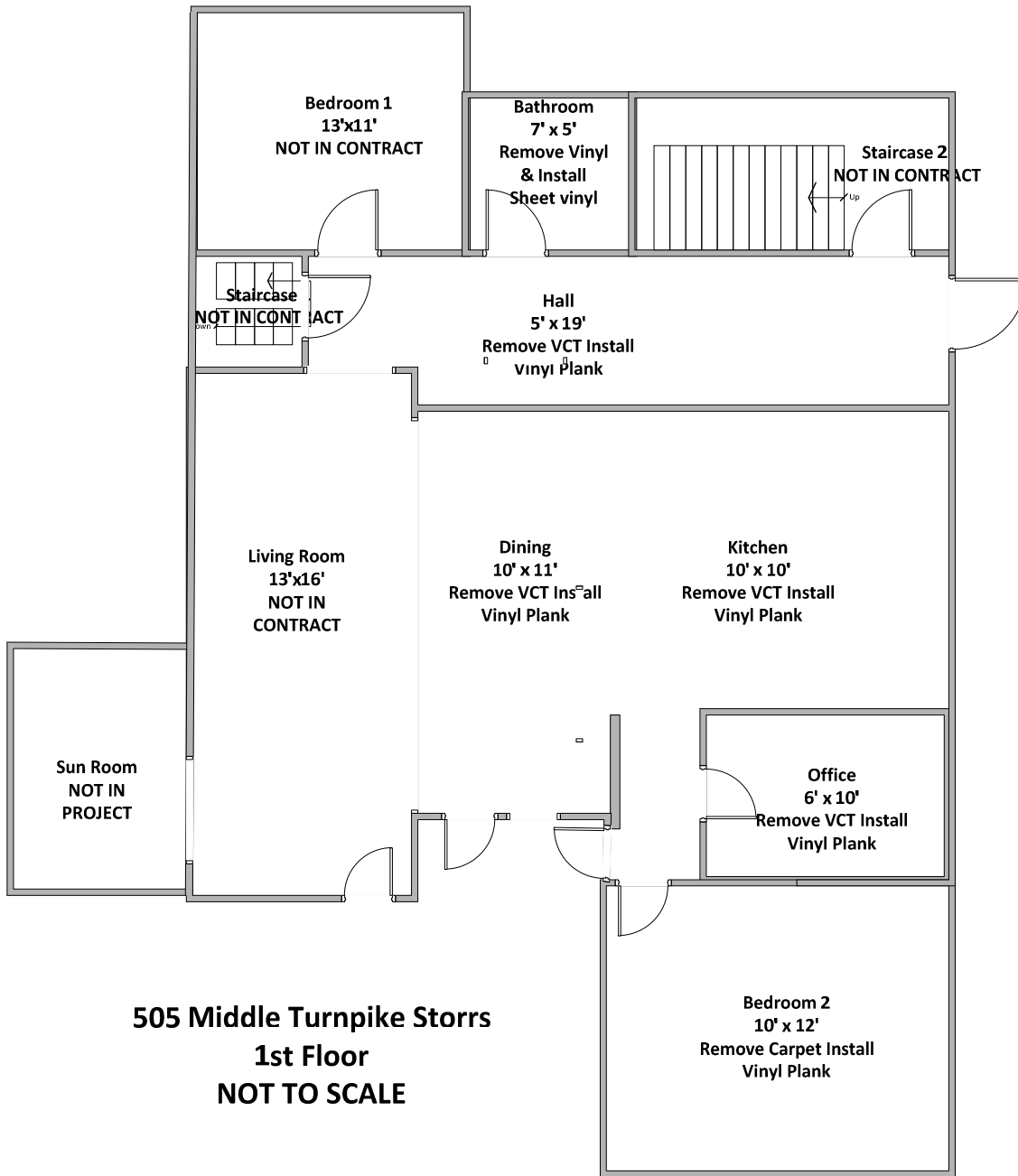
**87 Mountain Road,
Newington**
NOT TO SCALE



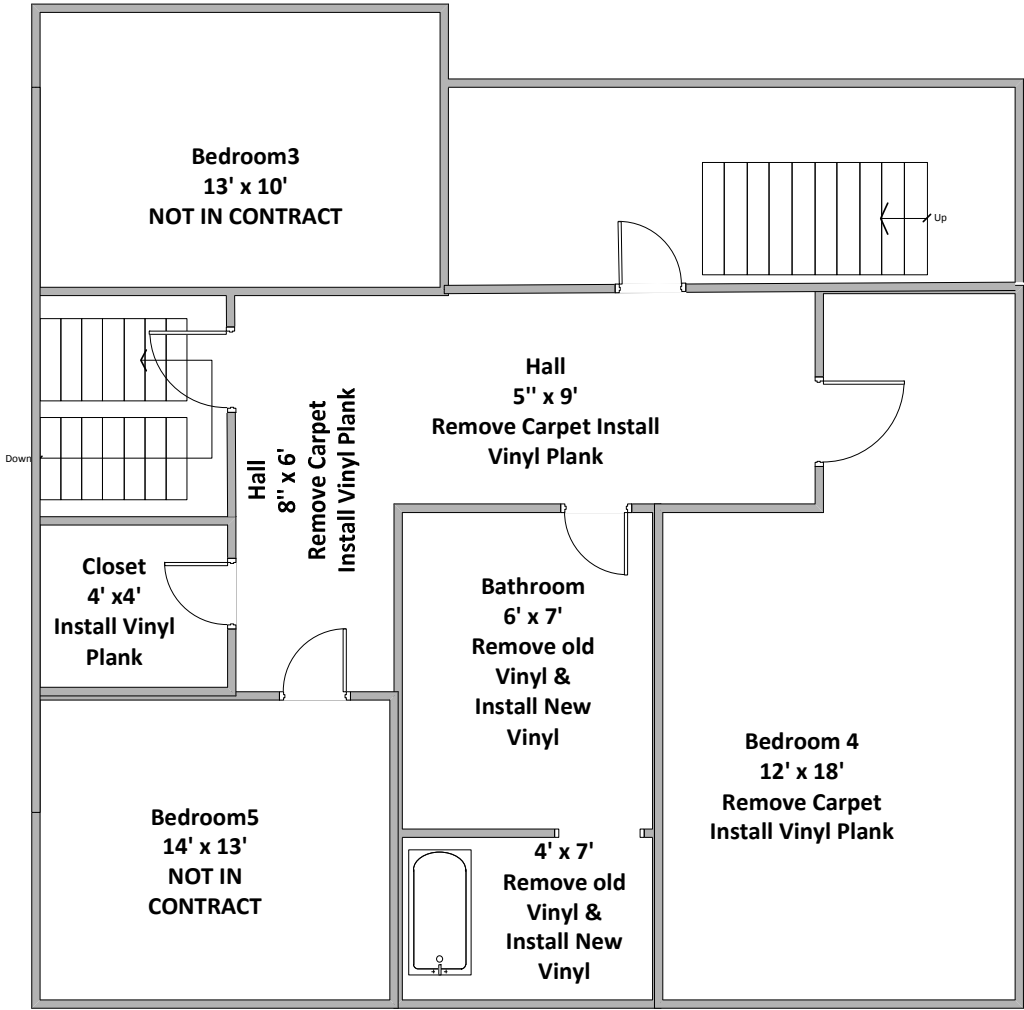
80 Route 66
1st Floor



80 Route 66
2nd Floor Bathroom



**505 Middle Turnpike Storrs
1st Floor
NOT TO SCALE**



505 Middle Turnpike Storrs
2nd Floor-Finishes
NOT TO SCALE

END OF SECTION

RESILIENT SHEET FLOORING (ON CONCRETE/TERRAZZO SUBSTRAT)

77, 79 & 83 Mountain Road Newington

PART 1 GENERAL

SUMMARY

- B. The nature of this project may require the work of various trades including but not limited to: Demolition, Carpentry, and 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. The contractor will provide all labor and materials to: removal and safe storage of and returning in place all plumbing/bath fixtures and/or furnishings, removal and proper disposal of existing flooring, preparation of subflooring as needed, installation of new flooring as per the specifications including all needed, underlayment, molding, transitions and other items required for installation as per the manufacturer's instructions.
- a. All work will be during normal working hours and scheduled in advance with the Maintenance Supervisor on site.
 - b. A Material Safety Data Sheet for all products shall be provided with submittals.
 - c. Site safety and security precautions must be strictly adhered to at all work sites.
 - d. No tools or chemical products are to be left unattended at any time.
 - e. The worksite will be maintained free of all debris, nails and trash at all times.

1.01 THIS SECTION INCLUDES

1.02 QUALITY ASSURANCE AND REGULATORY REQUIREMENTS

1.6 QUALITY ASSURANCE

- 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.

1.03 SUBMITTALS

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

1.04 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.
- C. 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.
- D. 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.

- E. 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 Slip-Retardant Vinyl Sheet Flooring or approved equal by the Plant Facilities Engineer submitted as per the bid instructions, in color selected by the Agency, 6 ft. 7 in. (2.0 m) wide, having a nominal total thickness of 0.080 in. (2.0 mm), consisting of a nominal 0.020 in. (0.5 mm) thick. Vinyl sheet flooring shall meet the physical and performance requirements for overall thickness, residual indentation, flexibility, static load resistance, resistance to chemicals, resistance to heat and resistance to light of ASTM F 1303.
- B. Provide solid color vinyl weld rod supplied by manufacturer, and intended for heat welding of seams. Color shall be compatible with field color of flooring or as selected by Agency to contrast with field color of flooring. Color selected from the range currently available from the manufacturer.

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 such as Mannington V-95 Adhesive or approved equivalent.

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. Remove existing flooring and examine Concrete/Terrazzo floors 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.
- B. Inspect Concrete/Terrazzo floors 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 in writing 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 in writing 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 paint, varnish, oils, release agents, sealers, and waxes. Remove residual adhesives as recommended by the flooring manufacturer. Remove curing and hardening compounds not compatible with the adhesives used, as indicated by a bond test or by the compound manufacturer's recommendations for flooring. Avoid organic solvents.
- B. Perform subfloor moisture testing (Relative Humidity In-situ Probe and Calcium Chloride Tests) and Bond Tests as required by the manufacturer to determine if surfaces are dry; free of curing and hardening compounds, old adhesive and other coatings; and ready to receive flooring.
- 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 will 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.

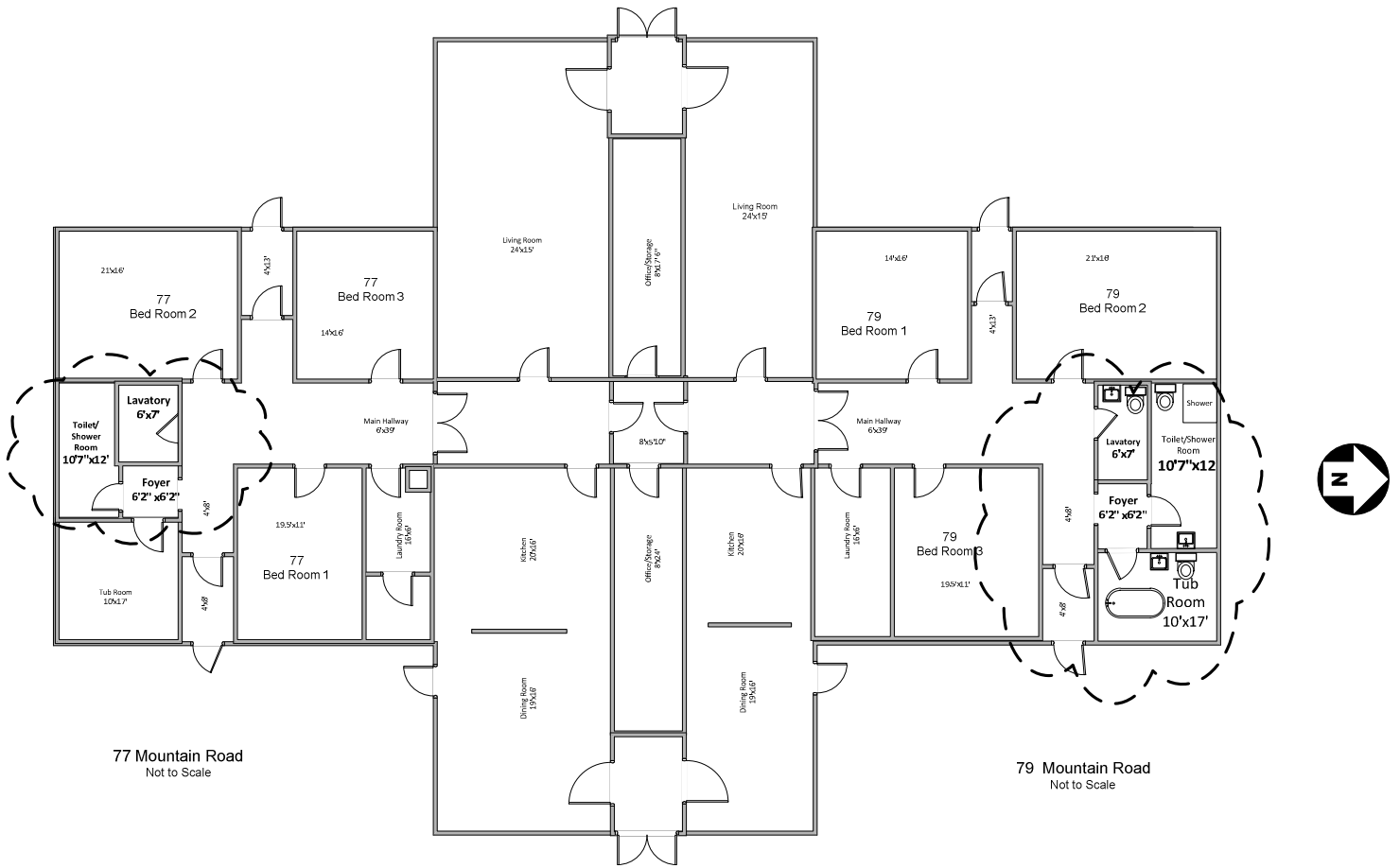
3.05 CLEANING AND PROTECTION

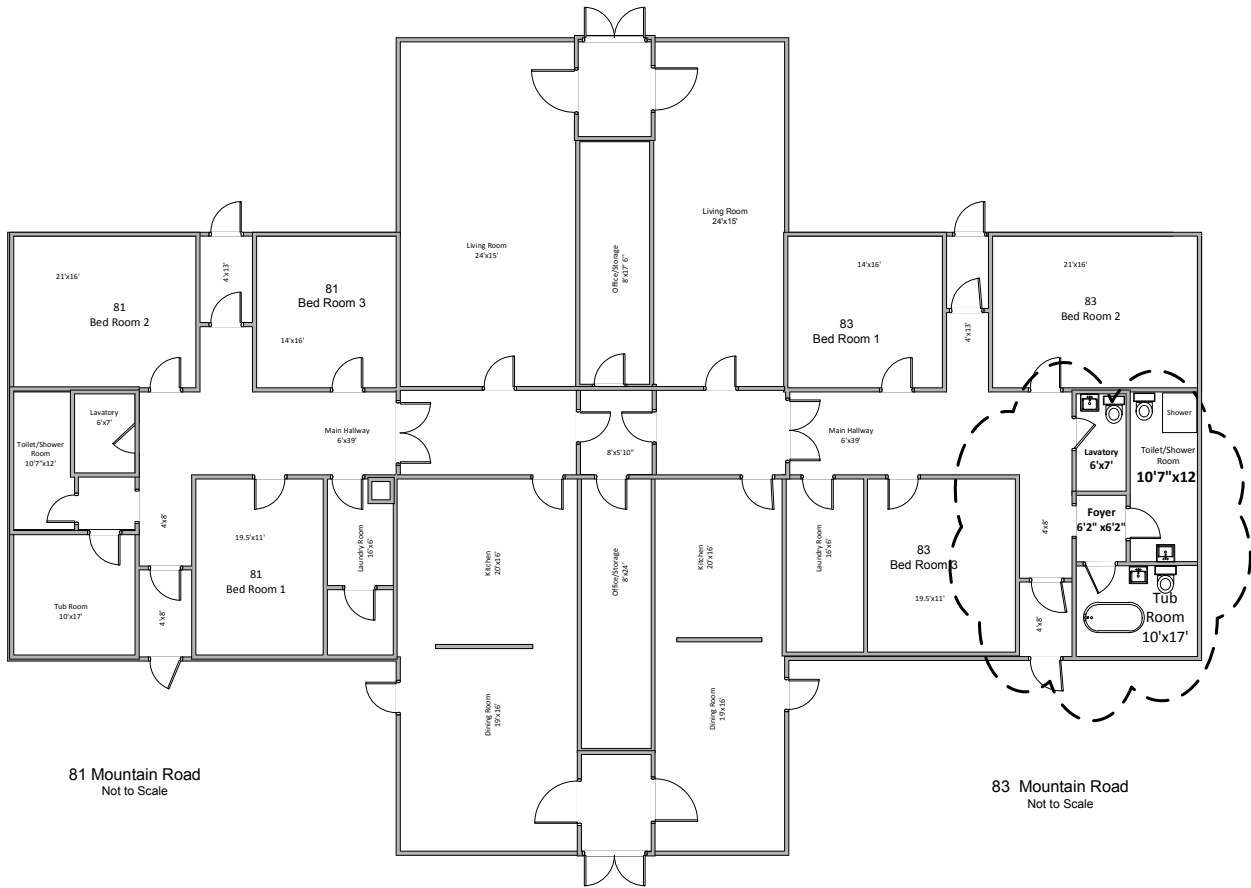
- A. Perform initial maintenance according to the latest edition of manufacturer's instructions.
- B. Protect installed flooring as recommended by the flooring manufacturer against damage from rolling loads, other trades, or the placement of fixtures and furnishings.

4.0 RESILIENT FLOORING ON CONCRETE/TERRAZZO SUBSTRATE

Measurements are approximation only; Contractor is responsible to field verify all measurements.

1. **77 Mountain Road**
 - a. Shower Room 10'6"x 12' 6"
 - b. Shower Room Foyer 6'2"x6'2"
2. **79 Mountain Road**
 - a. Shower Room 10'6"x 12' 6"
 - b. Shower Room Foyer 6'2"x6'2"
 - c. Tub Room 16'6"x10' 6"
3. **83 Mountain Road**
 - a. Shower Room 11'x 12'6"
 - b. Shower Room Foyer 6'2"x6'2"
 - c. Tub Room 16'6"x10'6"



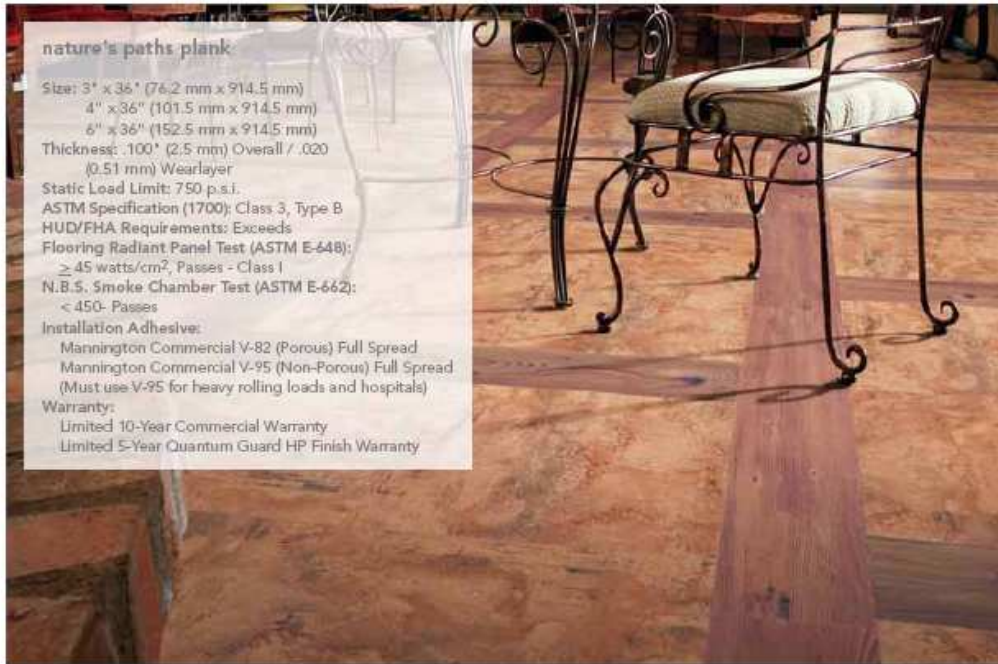


81 Mountain Road
Not to Scale

83 Mountain Road
Not to Scale

END OF SECTION

E



nature's paths plank

Size: 3" x 36" (76.2 mm x 914.5 mm)
 4" x 36" (101.5 mm x 914.5 mm)
 6" x 36" (152.5 mm x 914.5 mm)

Thickness: .100" (2.5 mm) Overall / .020 (0.51 mm) Wearlayer

Static Load Limit: 750 p.s.i.

ASTM Specification (1700): Class 3, Type B

HUD/FHA Requirements: Exceeds

Flooring Radiant Panel Test (ASTM E-648):
 ≥ 45 watts/cm², Passes - Class I

N.B.S. Smoke Chamber Test (ASTM E-662):
 < 450- Passes

Installation Adhesive:
 Mannington Commercial V-82 (Porous) Full Spread
 Mannington Commercial V-95 (Non-Porous) Full Spread
 (Must use V-95 for heavy rolling loads and hospitals)

Warranty:
 Limited 10-Year Commercial Warranty
 Limited 5-Year Quantum Guard HP Finish Warranty



product benefits

- Imparts the grandeur and beauty of natural materials with imaging, texturing and finishing
- Can be transformed into countless custom designs
- Features Quantum Guard™ HP, Mannington's patented high performance wearlayer with urethane aluminum oxide topcoat cured by a UV process which can eliminate the need for polish over an extended period of time depending upon the amount of commercial traffic

suggested end use



available width

3" X 36" Plank (3W), 4" X 36" Plank (4W), 6" X 36" Plank (6W)

patent #6,218,001 and #6,291,078

luxury vinyl plank | 9

Product Specifications

ASSURANCE™ II SHEET

Construction	Slip Retardant Sheet Flooring
Size	6' – (1.83m)
Wearlayer Thickness	.080 (2.03 mm)
Overall Thickness	.080 (2.03 mm)
Weight Per Square Yard	5.8 lbs / yd ² * (3.15 Kg / m ²) (*For packing weight it includes interleaf of .04 lbs per sq.yd.)
Roll (Min. – Max.)	30 – 68 sq. yd. (25.1 – 56.9 sq. m.)
Static Load Limit	750 psi
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
Installation Adhesive Porous Sub-floor	V-82 / Full Spread
Installation Adhesive Non-Porous Sub-floor	V-95 / Full Spread (Must use V-95 under OR tables, hospital beds and heavy rolling loads)
Chemical Seam Sealer	MLG-33
Heat Weld Seaming	Mannington Commercial Solid Color Weld Rods
Warranty	Limited Five Year Commercial Warranty

- 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.
- Mannington Assurance II can be installed in areas with topical moisture as long as V-95 adhesive is used, seams are properly sealed, and perimeter / edges are protected or covered up the wall.
- Meets the Americans with Disabilities Act Guidelines for static coefficient of friction as manufactured.
- Meets CHPS 01350 Indoor Air Quality, Passed and Listed.
- 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.



Mannington Works
800 241 2262 mannington.com

MANNINGTON
COMMERCIAL

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.**

MANNINGTON COMMERCIAL

V- 95 Adhesive

Description:

V-95 is solvent-free, two-component, polyurethane adhesive for high-performance indoor installations, of Mannington Commercial BioSpec, LifeLines II, Mannington Assurance II, Realities, Primus, Nature's Path, Nature's Path Select and Mannington Assurance LV flooring products. V-95 has good resistance to humidity, water, weather, and heat as well as outstanding adhesion and elasticity at low temperatures. You may use V-95 on all approved wood underlayments and on-, above-, or below-grade fully cured concrete substrates, V-95 must also be used when installing Mannington Commercial BioSpec, LifeLines II, Mannington Assurance II, Realities, Primus, Nature's Path, Nature's Path Select and Mannington Assurance LV over nonporous substrates or in areas subject to standing water, topical moisture, or where heavy rolling loads are expected (i.e., entryways, around floor drains, spas, saunas, or on ramps).

Features:

- * Easy application
- * VOC compliant / solvent free / low odor
- * Moisture and alkali resistant
- * Non-flammable
- * 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 must be smooth and level. Sand off any high spots and fill low spots, cracks, holes, etc., with the appropriate Mannington patching compound. The building must have permanent heat / air. Maintain the adhesive, floor covering, and jobsite at a minimum temperature of 65°F and a maximum temperature of 90° for at least 48 hours before, during, and after the installation.

Pour all of the "Part B" bottle into the pail containing "Part A" while slowly mixing with a low-speed drill mixer (300 RPM or less), until a smooth consistency is obtained. V-95 adhesive should be applied with a trowel having notches 1/16 wide, 1/32 deep, and 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. Do not spread more adhesive than can be covered within 45 minutes.

To help minimize any adhesive "bubbling" the adhesive ridges are the further flattened with the supplied short nap paint roller.

Note: The floor temperature directly affects the setting time. The warmer it gets the faster the adhesive sets.

Wait 30-45 minutes, and then install the flooring material into the adhesive while still fresh. Proper adhesive transfer to the backing should be confirmed periodically by lifting the material. Roll the floor covering across the width and length with a 100 lb three-section floor roller to break down adhesive ridges and ensure removal of entrapped air. Wait 1-2 hours and then repeat the rolling procedure to ensure complete removal of all entrapped air.

Note: The instant grab of V-95 is low, so it is sometimes required to apply weights, particularly on the seams, to maintain contact until the adhesive sets (16-24 hours).

The material should be ready for light traffic in 12 hours, regular traffic in 24 hours. If you must walk on the floor before this time lay plywood boards across the material to disperse the load. Wait at least 72 before allowing heavy traffic on the floor.

CAUTION: It is impossible to remove V-95 when dry. You can remove fresh adhesive with mineral spirits.

Coverage: Approximately 185-245 sq ft per gallon.

Packaging: 1-Gallon Pail #849885

Precautions:

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

V-95Spec / KP 5/22/08

Resilient Rubber and Vinyl Wall Base

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1 Proprietary Product: Resilient Rubber and Vinyl Wall Base

1.2 Manufacturer:

Johnsonite, Inc.,
16910 Munn Road
Chagrin Falls, Ohio 44023
Phone: (800) 899-8916
(440) 543-8916
Fax: (440) 543-8920
Tech: Ext 297
Samples: Ext 299
Web: www.johnsonite.com
E-mail: info@johnsonite.com

1.3 Proprietary Product Description:

1.3.1 Construction: Johnsonite Rubber Wall Base is manufactured from a proprietary thermoplastic rubber formulation designed specifically to meet the performance and dimensional requirements of ASTM F-1861, Type TP, Group 1 (solid) Standard Specification for Resilient Wall Base.

Johnsonite Vinyl Wall Base is formulated from a homogeneous polyvinyl chloride (PVC) composition combined with high quality additives and colorants designed specifically to meet the performance and dimensional requirements of ASTM F-1861, Type TV, Group 1 (solid) Standard Specification for Resilient Wall Base.

1.3.2 Physical Characteristics:

Traditional Wall Base

- Rubber (DC):
- .125" (3.17 mm) thickness
 - 2-1/2" (6.35 cm), 4" (10.16 cm) high, and 6" (15.24 cm) height
 - Straight (Toeless) and Coved (Toe) profiles
 - 4' (1.22 m) Straight and 120' (36.58 m) coiled lengths
 - 6" (15.24 cm) profiles Packaged in 100' (30.48 m) lengths

Vinyl (CB or CBT for toeless):

- .080" (2.03 mm) and .125" (3.17 mm) thicknesses
- 2-1/2" (6.35 cm), 4" (10.16 cm), and 6" (15.24 cm) heights
- Straight (Toeless) and Coved (Toe) Profiles
- 4' (1.22 m) straight and 120' (36.58 m) coiled lengths
- 6" x .125' profiles packaged in 100' (30.48 m) lengths

Inside and Outside Corners available with 4" (10.16 cm) returns

Perceptions™ Rubber Wall Base

Recess (RWDC or RWDCT for toeless):

- .125" (3.17 mm) thickness
- 4-1/4" (10.8 cm) height
- Straight (Toeless) and Angled (Toe) Profiles
- 4' (1.22 m) straight and 120' (36.58 m) coiled lengths

Spire (RWDC-XX-A):

- .125" (3.17 mm) thickness
- 4-1/4" (10.8 cm) height
- Angled (Toe) Profiles
- 4' (1.22 m) straight and 120' (36.58 m) coiled lengths

Quad (RWDC-XX-C):

- .125" (3.17 mm) thickness
- 4-1/4" (10.8 cm) height
- Angled (Toe) Profiles
- 4' (1.22 m) straight and 120' (36.58 m) coiled lengths

Inside and Outside Corners available with 4" (10.16 cm) returns

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1 Hardness: ASTM D 2240 Rubber - 85 Shore A; Vinyl - 90 Shore A

2.2 **Flexibility:** Will not crack, break, or show any signs of fatigue when bent around a 1/4" (6.4 mm) diameter cylinder.

2.3 Meets or exceeds the performance requirements for resistance to heat/light aging, chemicals, and dimensional stability when tested to the methods, as described, in ASTM F-1861.

2.4 Fire Resistance:

Vinyl Wall Base

2.4.1 ASTM E 84/NFPA 255 (Flame/Smoke) – Class B, < 450

2.4.2 ASTM E 648 (NFPA 253): Critical Radiant Flux – Class 1

Rubber Wall Base

2.4.3 ASTM E 84/NFPA 255 (Flame/Smoke) – Class A, < 450

2.4.4 ASTM E 648 (NFPA 253): Critical Radiant Flux – Class 1

3. INSTALLATION

3.1 The installation of Johnsonite Rubber and Vinyl Wall Bases should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive wall base shall be clean, fully enclosed, weathertight, and maintained at a uniform temperature of at least 65° F for 24 hours before, during, and after the installation is completed. The wall base and adhesives shall be conditioned in the same manner. Coiled wall base shall be uncoiled and lay flat for at least 24 hours at 65° F prior to installation. Floors and walls shall be clean, dry, free of dust, all paints, wallpaper, and all other foreign material, which may affect proper adhesive bonding. Wall Base may be installed



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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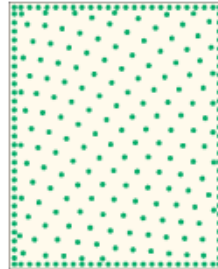
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Plywood Underlayment Nailing Pattern

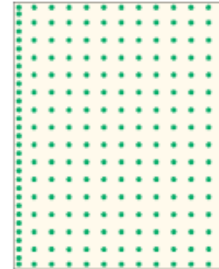
Nailing patterns printed in the plywood underlayment panel show the installer where fasteners should be placed in the panel and are useful aides in installations.

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 Technical Data

Property	Test Method	6MM Plywood Underlayment	9MM Plywood Underlayment
Wood Species	APA I-95	White Birch (also known as Baltic or Artic Birch)	
Grade	APA I-95	Exterior Grade Phenolic Glue, Passes Boll 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
Moisture 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
Boll Test: Water Resistance Stain Resistance Extract Gardner Color	APA I-95 APA I-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.			