# SAFETY THROUGH DESIGN

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# Designing for Safety

- During Construction
- During Operations
- After system's useful life

# Construction


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# Construction

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# Operations & Maintenance

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# Operations & Maintenance


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# GREEN BUILDING BENEFITS TO SAFETY

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# IAQ Management

- Ensures construction activities are not causing harm to field employees
- Helps create a safer final product for building users and clients
- Reduces risk of damaging materials

# Housekeeping

- A clean site is a safe site
- Supports IAQ management
- Reduces trip hazards and exposure to sharp objects
- Minimizes dust and other airborne particulates

# Healthy Materials

- Reduces exposure to VOCs and other chemicals like Urea Formaldehyde
- Creates a healthier work, learning or living environment for building end users


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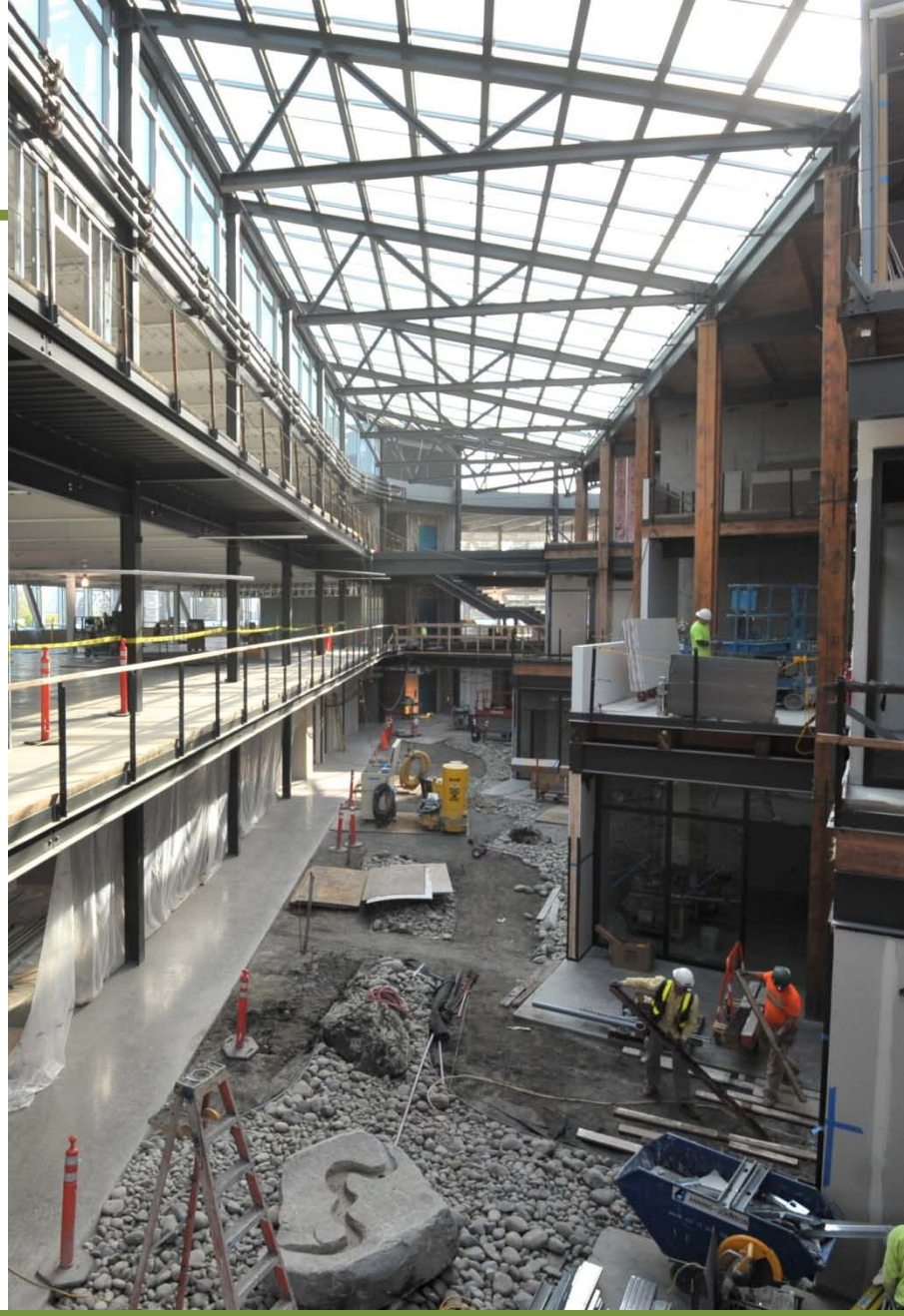
# Daylighting

- Fewer cords around the jobsite
- Reduced risk of electrical shock
- Well lit spaces makes identifying trip hazards easier



# Natural Ventilation

- Fresh air is much healthier than air inside a building
- VOCs from paints and sealants
- Work in confined spaces like stairwells is safer with natural air exchanges
- Reduces need for fans which create trip hazards & noise

# SUSTAINABLE PRACTICES
# ROLES & RESPONSIBILITIES

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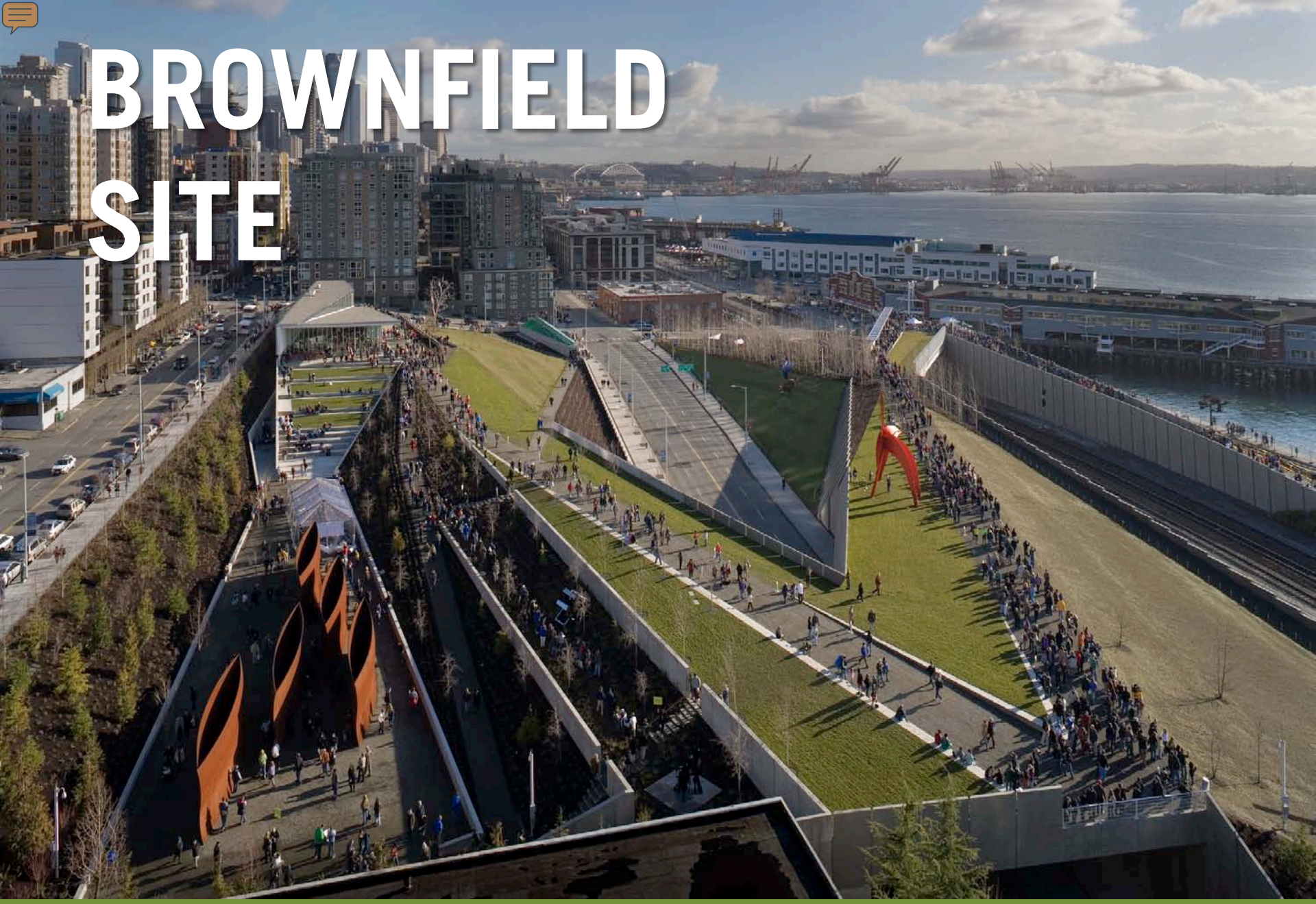


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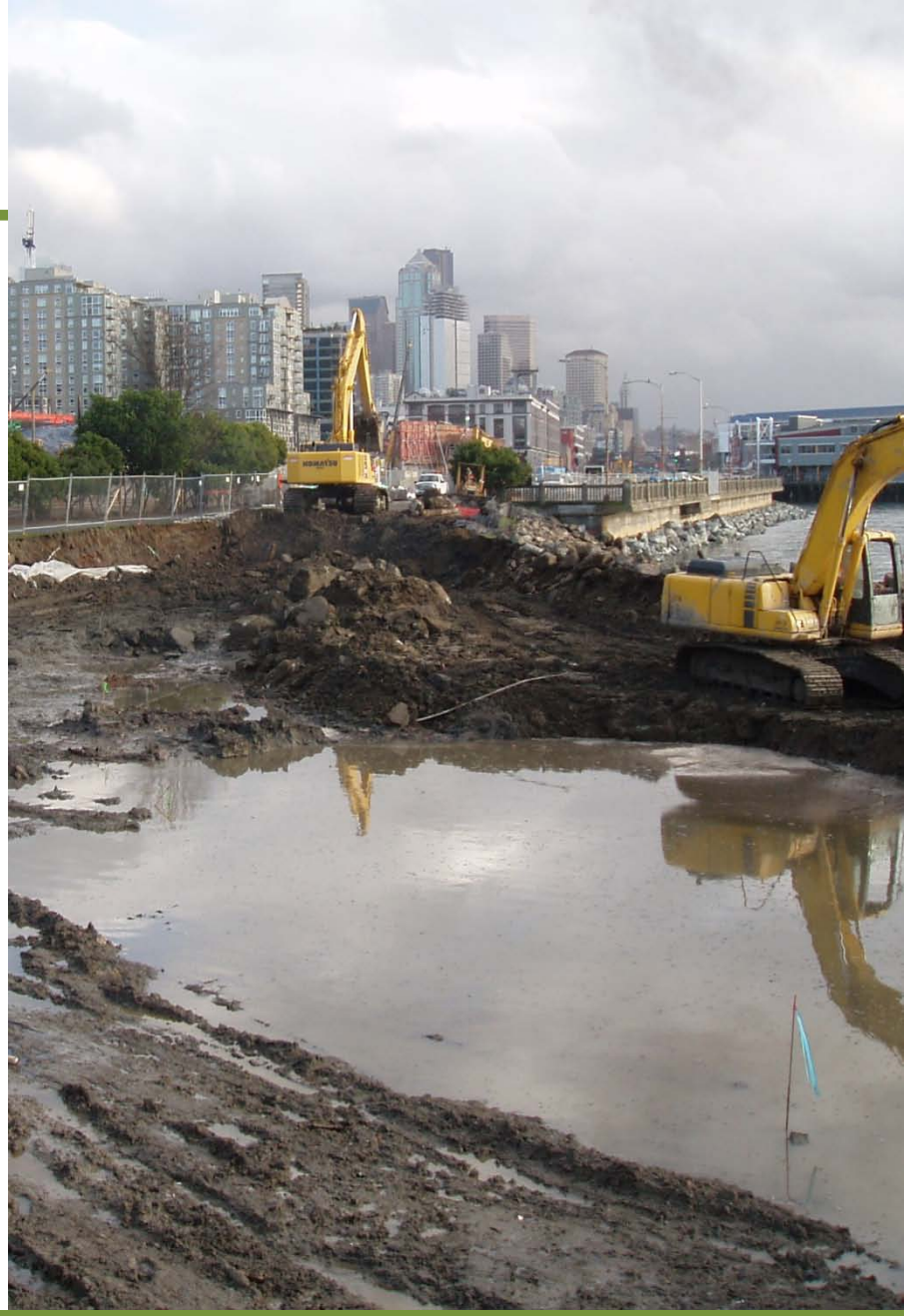
# What is it?

The Environmental Protection Agency defines brownfields as real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.



# Issues to Consider

- Type of hazardous material / vapors
- Hazardous material handling procedures
- What equipment & materials are involved?
- What if material is found after earthwork has begun?
- Who is responsible for remediating hazardous material?

# In the Field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# In the Field


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# Ensuring Safety

Contaminants suspected:

- Preplanning
- HAZWOPER
- 3rd Party Remediation

Contaminants identified during construction:

- Stop work
- Secure area


CONSTRUCTION
ACTIVITY POLLUTION
PREVENTION
Sellen
HITACHI
BULLAIR
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# Issues to Consider

- Communication
- Erosion & Sedimentation Control
- Stormwater Management
- Dust Control
- Concerns with Existing Site
- Leaks, Spills & Emissions from Construction Equipment
- Worker Transportation
- Noise Pollution

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# Roles & Responsibilities

Sellen

PROJECT NAME

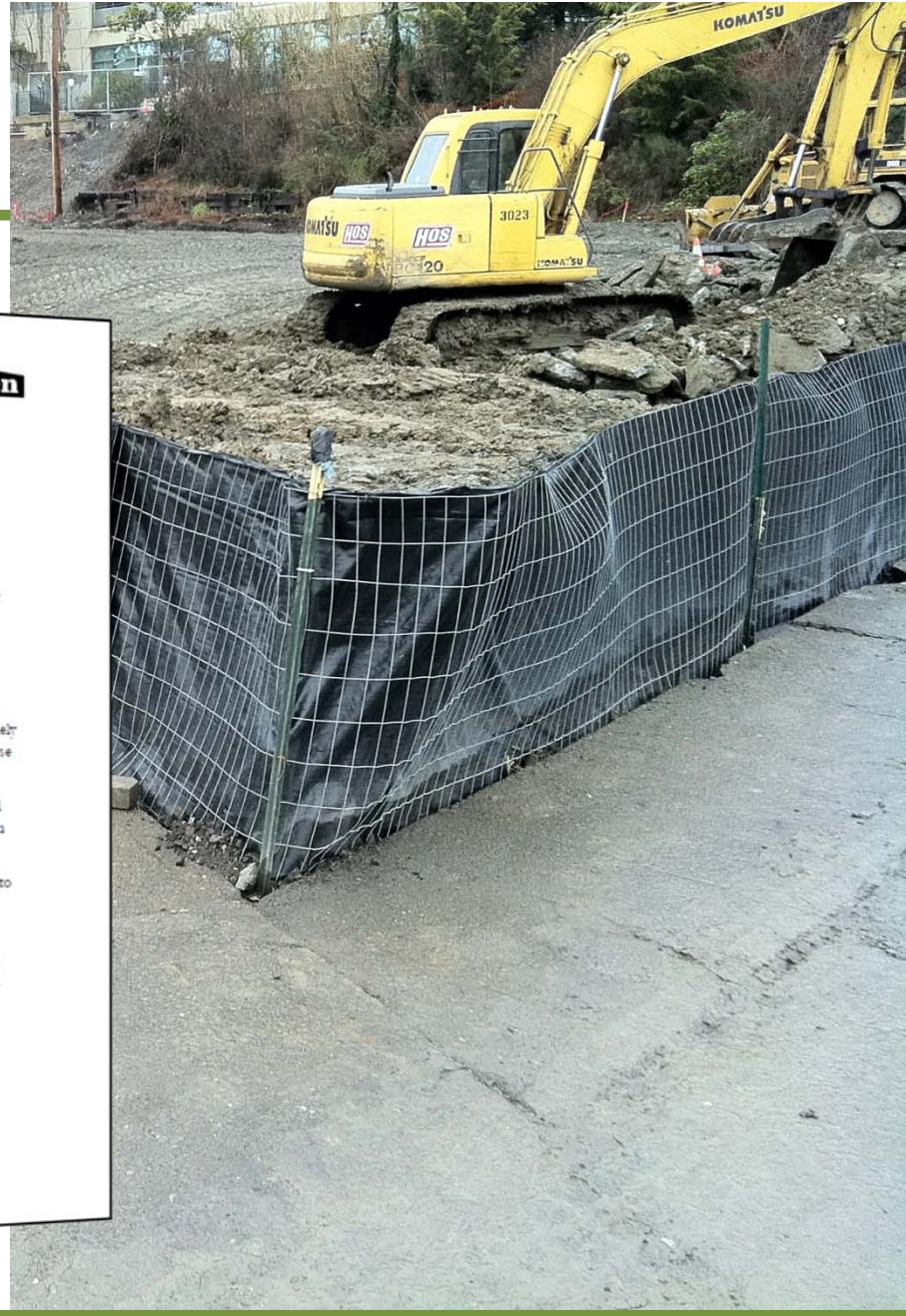
**Temporary Erosion and Sediment Control Plan**

PROJECT LOCATION

In order to prevent erosion and capture disturbed sediments within the project site, the following best management practices (BMPs) will be used and located approximately as shown on attached Iris campus TESC plans C300, C301, C302 and C310.

1. A 6' high construction chain link fence with fabric will run along the entire site boundary.
2. The existing storm drain inlets and catch basins around and within the site will be protected by pre-manufactured "silt sock" inserts (that meet City of Seattle standard specifications). These storm drain inserts will be inspected and maintained when ½" of rain accumulates within a 24hr period, and routinely checked each week if not daily for sediment. They are cleaned or replaced as necessary during the course of construction and will be removed at the end of the project.
3. Construction entrances for site access/egress will be stabilized by using asphalt pavement, including all areas of the site where there is vehicle traffic, staging and parking. All areas not disturbed by excavation will remain as existing pavement until site improvements or utilities are installed in that area.
4. Fallen leaves and construction debris will be monitored and cleared prior to and during rainfall events to prevent clogging of storm grates and existing catch basins, eliminating ponding and flooding.
5. All stormwater run-off collected from within the excavation portions of the construction site will be pumped into detention tanks for sediment settling and filtration. The water will be tested for turbidity, treated for hydrocarbons and PH before being discharged to the City combined storm / sewer system. The flow volume and water quality will be monitored daily and recorded during discharge times.
6. Temporary stockpiles of soil and gravel along with exposed dirt slopes will be protected by plastic coverings (that meet City of Seattle standard specifications) which will be anchored with stakes or sandbags to prevent soil erosion run-off.

SELLEN CONSTRUCTION | 227 Westlake Ave. N. PO Box 9970 Seattle, WA 98109 | Tel (206) 682-7770 Fax (206) 623-5206 www.sellen.com | GENERAL CONTRACTING CONSTRUCTION MANAGEMENT CUSTOMER SERVICE GROUP

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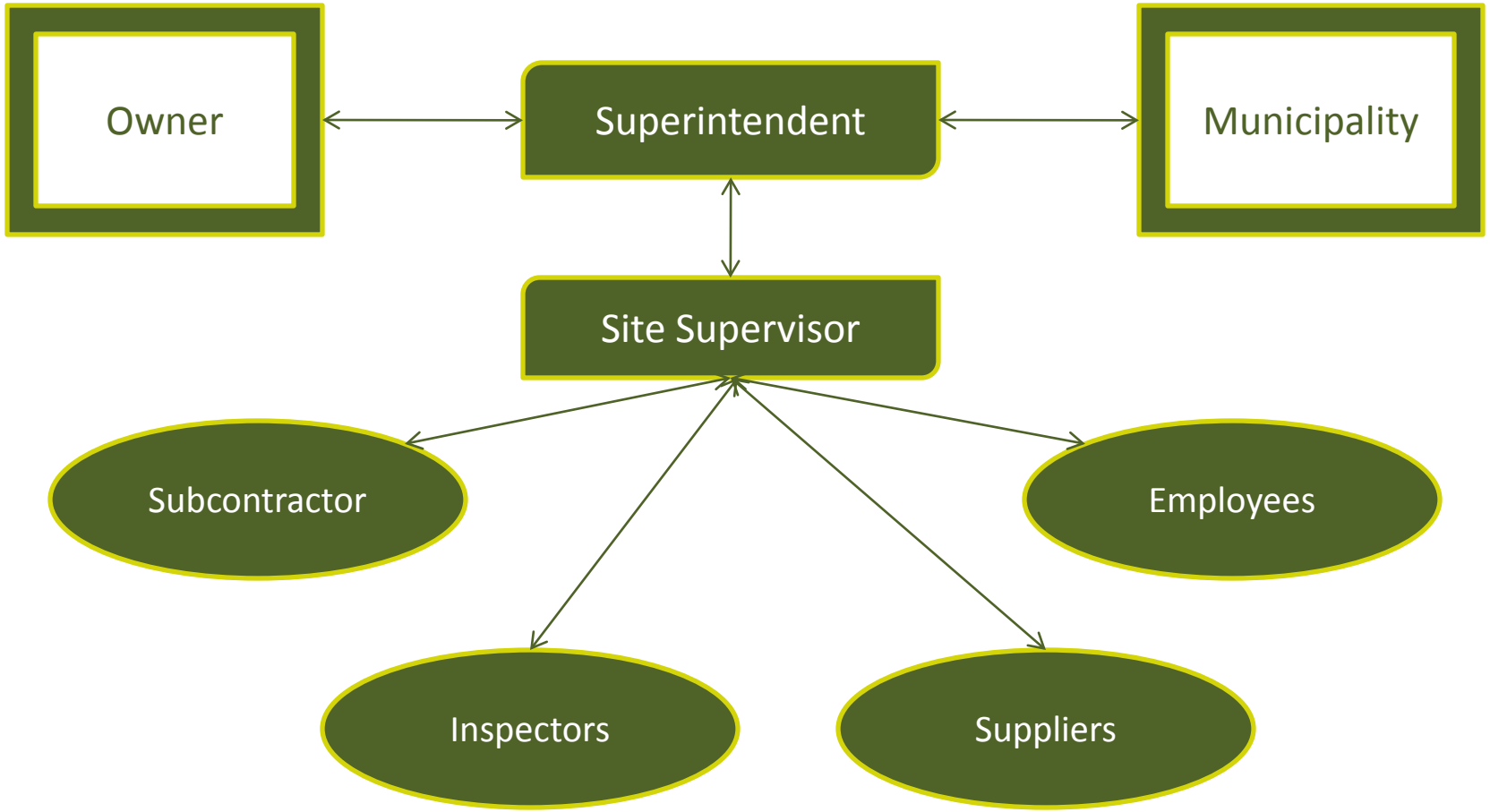
# Roles & Responsibilities



# Roles & Responsibilities

## Construction Stormwater
## SITE INSPECTION CHECKLIST

Project_____ Permit No._____ Inspector_____ Date_____ Time_____

| Site BMPs | Overall Condition | Need Repair? | Comments/Observations |
|---|---|---|---|
| Clearing Limits | | | |
| • *Buffer Zones around sensitive areas* | G F P | Y N | |
| • | G F P | Y N | |
| • | G F P | Y N | |
| Construction Access/Roads | | | |
| • *Stabilized site entrance* | G F P | Y N | |
| • *Stabilized roads/parking area* | G F P | Y N | |
| • | G F P | Y N | |
| Control Flow Rates | | | |
| • *Swale* | G F P | Y N | |
| • *Dike* | G F P | Y N | |
| • *Sediment pond* | G F P | Y N | |
| • *Sediment trap* | G F P | Y N | |
| • | G F P | Y N | |
| • | G F P | Y N | |

G=Good F=Fair P=Poor Y=Yes N=No

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# Roles & Responsibilities

PROJECT NAME

SCHEDULING OF WORK

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SS prerequisite 1 Construction Activity Pollution Prevention
**TESC Photo Documentation**

PROJECT NAME

EROSION CONTROL

Sellen

SS prerequisite 1 Construction Activity Pollution Prevention
**TESC Photo Documentation**

PROJECT NAME

SEDIMENTATION CONTROL

Sellen

SS prerequisite 1 Construction Activity Pollution Prevention
**TESC Photo Documentation**

PROJECT NAME

PROTECTING STORM DRAINS

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SS prerequisite 1 Construction Activity Pollution Prevention
**TESC Photo Documentation**

PROJECT NAME

DUST CONTROL

Sellen

SS prerequisite 1 Construction Activity Pollution Prevention
**TESC Photo Documentation**

Date Picture Taken:
1/1/08

Stockpiles are kept damp to prevent airborne particulates from entering waterbodies.

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# In the Field

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# In the Field


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# In the Field


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# In the Field


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# In the Field


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# In the Field

**NOISE REDUCTION MATRIX**

For projects on strict noise limitations, this matrix should be handed out during preconstruction and posted throughout the jobsite.

| | Midnight | 1:00 AM | 2:00 AM | 3:00 AM | 4:00 AM | 5:00 AM | 5:30 AM | 6:00 AM | 7:00 AM | 8:00 AM | 9:00 AM | 10:00 AM | 11:00 AM | Noon | 1:00PM | 2:00 PM | 3:00 PM | 3:30 PM | 4:00 PM | 5:00 PM | 6:00 PM | 7:00 PM | 8:00 PM | 9:00 PM | 10:00 PM | 11:00 PM | Midnight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Work Hours | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Day Shift | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Night Shift | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Saturday | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sunday | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deliveries | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9th Ave | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blanchard | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bell | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Street Staging Outside of Permitted Areas | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alley | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trucking Restrictions | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deliveries Trucks under 30 ft | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deliveries Trucks over 30 ft (semi) inc departing | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over Width/Length inc departing | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Specific Equipment Uses | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drill Rigs | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tie Back Drills | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jackhammers inc Chipping Guns | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Impact Hammers | | | | | | | | | | | | | | | | | | | | | | | | | | |

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# Supporting Safety

- Jobsite safety walks for exterior construction
- Trip and fall protection during exterior groundwork and construction
- Prevention of exposure to chemicals from leaks / spills
- Dust control to keep particulates out of airways
- Equipment emissions

# BUILDING REUSE

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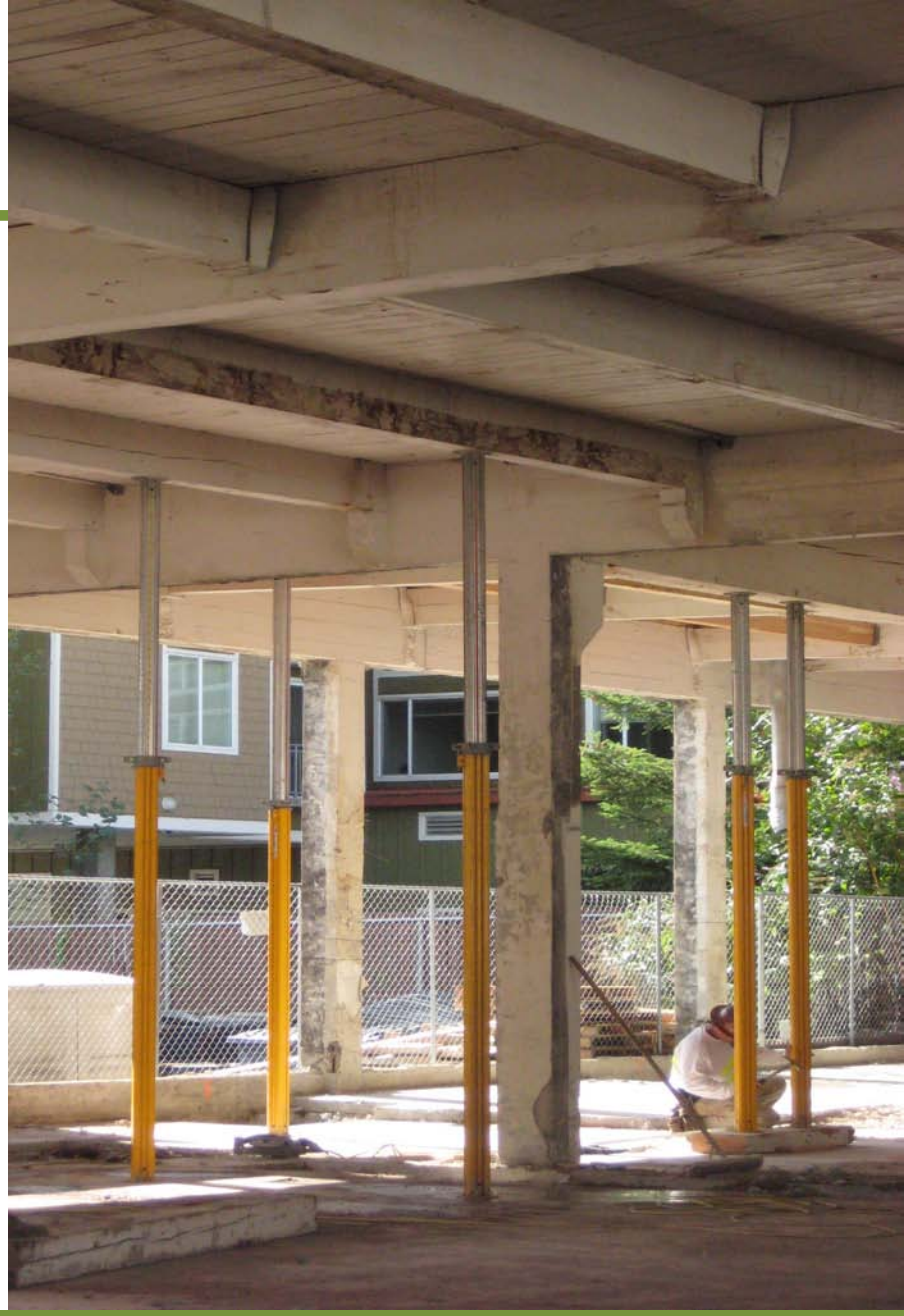
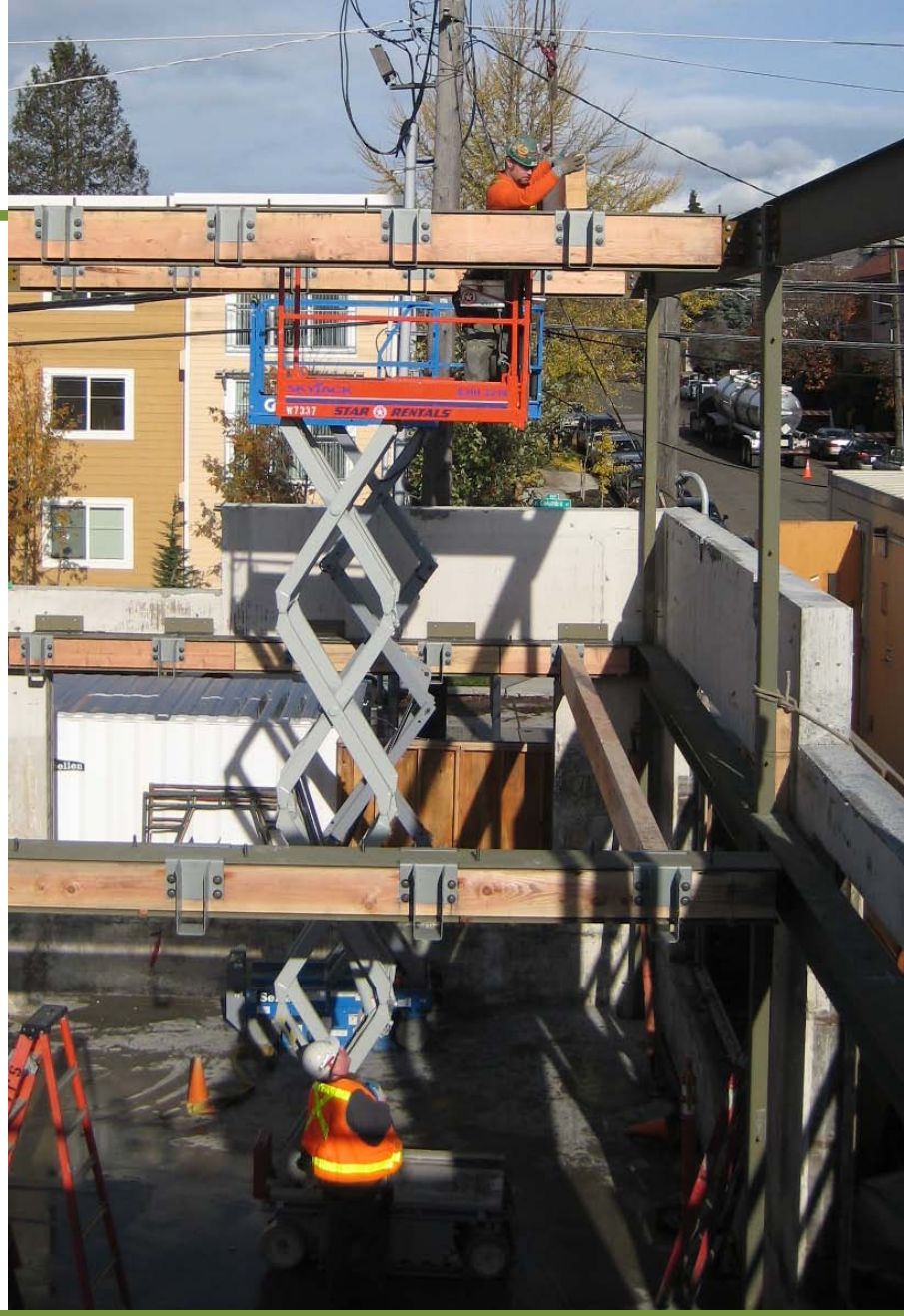
# What is it?

Building reuse involves the repurposing of existing structural elements to integrate those features into a new project.  Often, older buildings provide aesthetic appeal that can't be matched by the projects we're building today.



# Issues to Consider

- How is it sequenced?
- What other activities will be taking place?
- Are there any hazardous materials or air quality issues?
- What equipment & materials are involved?
- How much of the building will be reused/kept in place?



# In the Field

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# In the Field


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# In the Field


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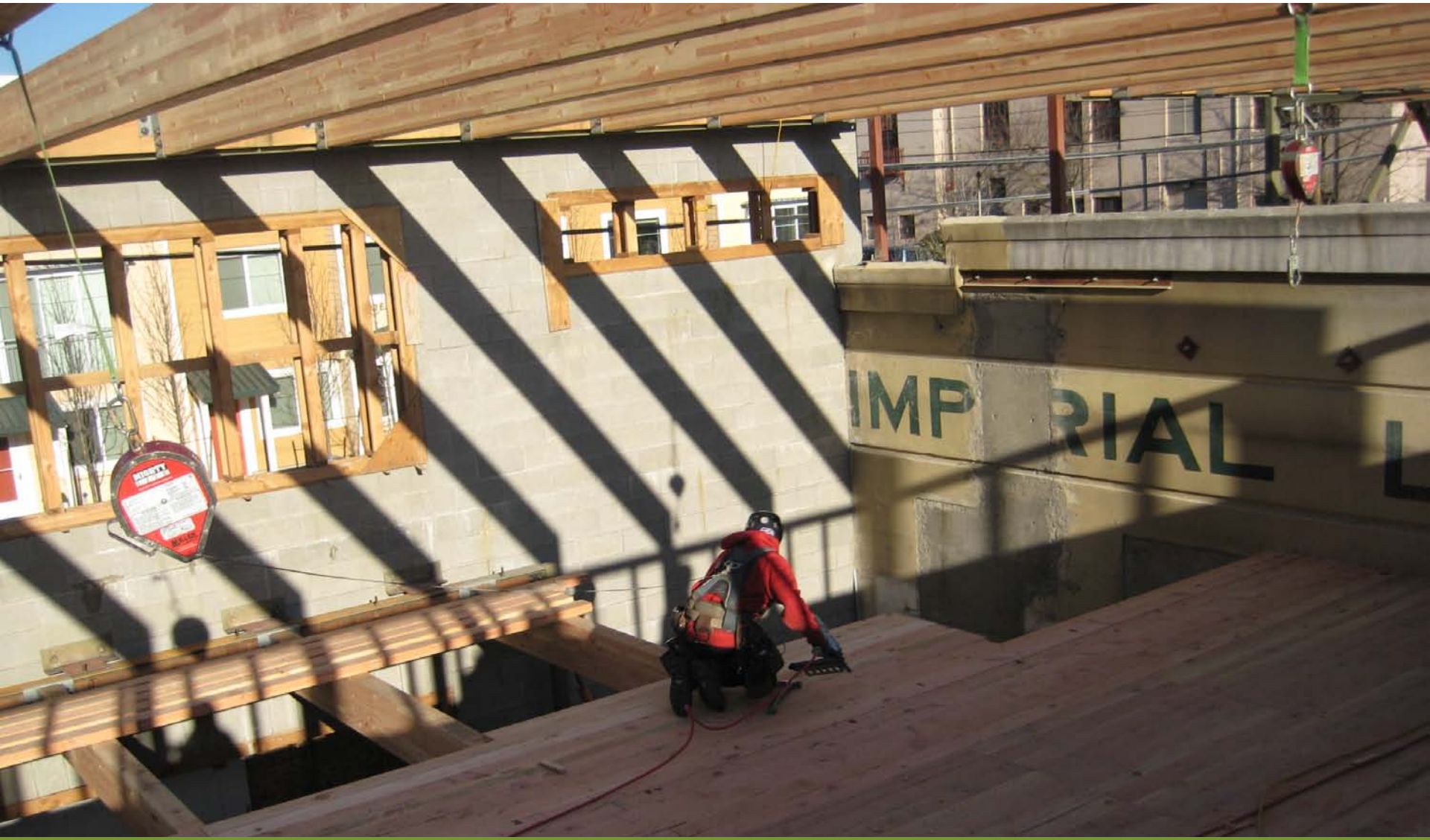
# In the Field

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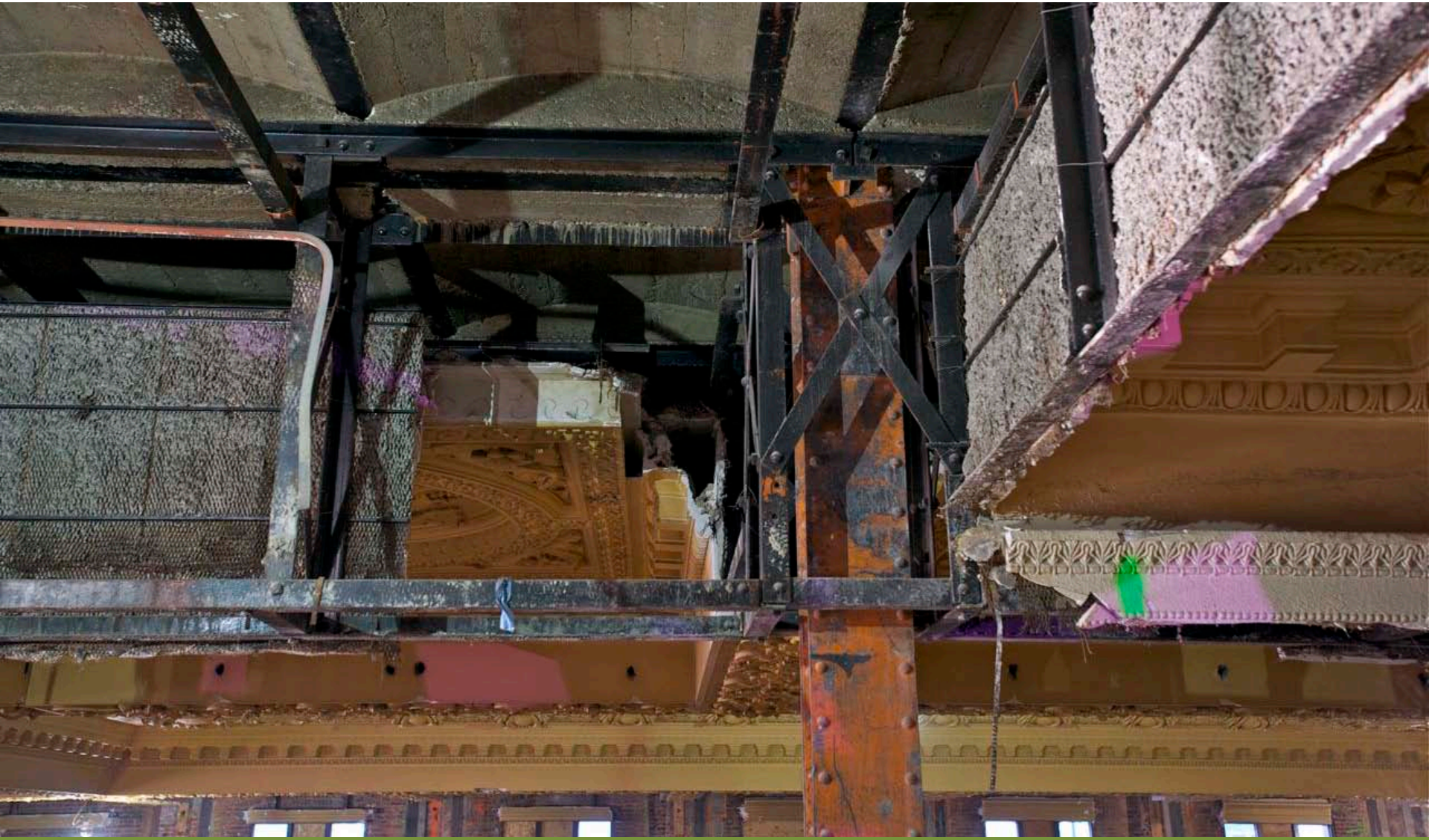
# In the Field

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# In the Field

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# Ensuring Safety

- Material Handling
- Selective Demolition
- Hazardous Materials
- Air Quality
- Overhead Protection
- Overexertion

# DECONSTRUCTION & SALVAGE

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# What is it?

Systematically taking apart a building structure in a way that promotes reuse/salvage. Deconstruction is a more sustainable alternative to demolition which typically crushes a structure then sorts material for recycling or the landfill

# Issues to Consider

- How is it sequenced?
- What other activities will be taking place?
- Are there any hazardous materials?
- What equipment & materials are involved?
- Where will material be stored?
- How will material be re-installed?

# In the Field


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# In the Field


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# In the Field

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# Ensuring Safety

- Hazardous Materials
- Impalement from Nails
- Job Rotation
- Ergonomics
- Dust Control
- Overexertion
- Material Handling


WASTE
RECYCLING
MANAGEMENT
Sellen
FL3
WOOD ONLY
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CAUTION
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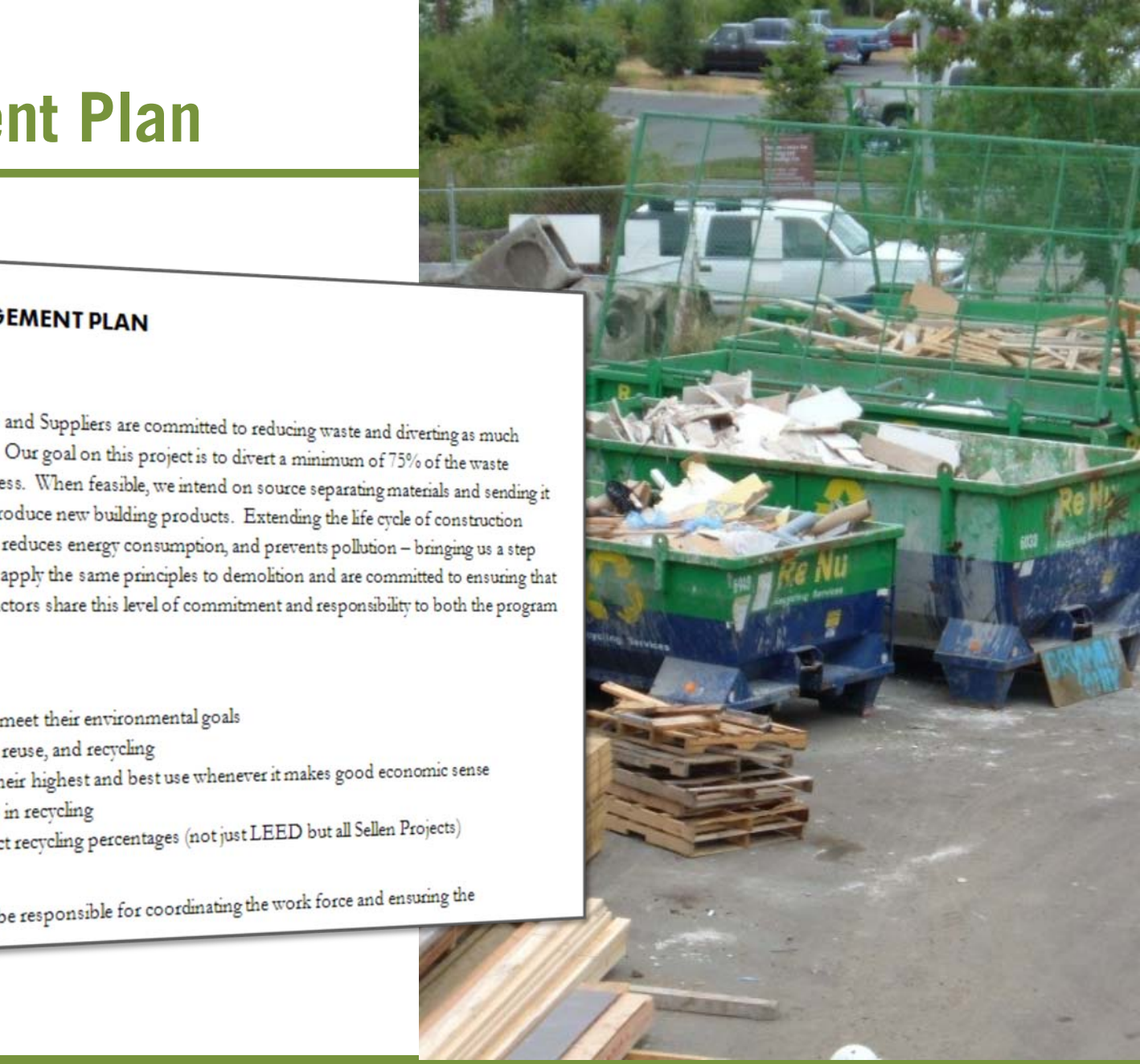
# Issues to Consider

- Waste Management Plan
- Signage
- Communication
- Tracking & Reporting
- Ensuring Clean Loads
- Material Handling

# Management Plan




## WASTE RECYCLING MANAGEMENT PLAN

### Waste Recycling Goals:

Sellen along with their Subcontractors and Suppliers are committed to reducing waste and diverting as much material from the landfill as possible. Our goal on this project is to divert a minimum of 75% of the waste generated from the construction process. When feasible, we intend on source separating materials and sending it to local recycling firms that use it to produce new building products. Extending the life cycle of construction materials conserves natural resources, reduces energy consumption, and prevents pollution – bringing us a step closer to a sustainable future. We will apply the same principles to demolition and are committed to ensuring that our project teams including subcontractors share this level of commitment and responsibility to both the program and the environment.

### Sellen is Committed to:

- Partnering with our clients to meet their environmental goals
- Promoting waste prevention, reuse, and recycling
- Recycling waste materials to their highest and best use whenever it makes good economic sense
- Providing industry leadership in recycling
- Tracking and reporting project recycling percentages (not just LEED but all Sellen Projects)

### Plan coordinators

The following management team will be responsible for coordinating the work force and ensuring the

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# Signage & Communication

# COMMINGLE

## SELLEN CONSTRUCTION WASTE RECYCLING

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### ACCEPTABLE RENU COMMINGLE CONSTRUCTION MATERIALS

- **WOOD** - (plywood, chipboard, mdf, glulam, plastic laminate, etc.)
- **METAL** - (steel, aluminum, copper, and all other metals)
- **AGGREGATE** - (concrete, asphalt, rock, masonry)
- **CARDBOARD** - (food packaging prohibited)
- **PLASTIC** - (solid plastic and plastic film)
- **WIRE** - (electric and low voltage wiring)
- **DRYWALL** - (loads greater than than 10-20% go to Recovery 1)
- **DEMOLITION DEBRIS** - (submit A.H.E.R.A. inspection report to ReNu prior to hauling)
- **CARPET** - (loads greater than 10-20% go to Recovery 1)
- **GLAZING** - (in small amounts otherwise use dedicated load. Laminated glass prohibited)
- **CEILING TILE** - (keep dry and palletized)

U.S. GREEN BUILDING COUNCIL MEMBER

### NOT ALLOWED IN COMMINGLE BIN:

- **FOOD TRASH** - (place in Garbage or Compost if available)
- **BOTTLES/CANS/GLASS/PAPER** - (place in Recycling)
- **ANYTHING ELSE NOT LISTED ABOVE** - (may require special disposal, contact Sellen)

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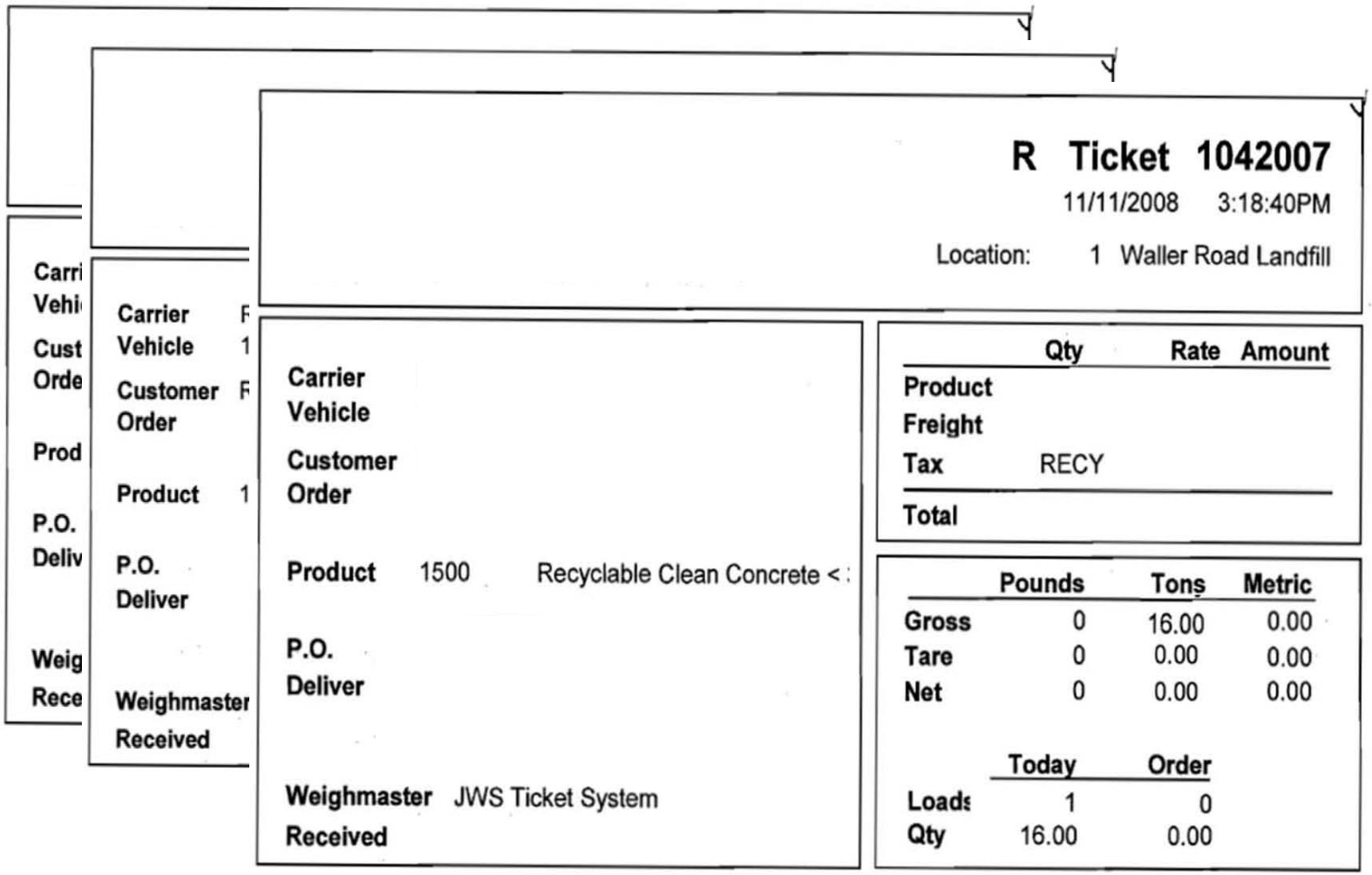
# Tracking & Reporting

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# Tracking & Reporting

**GOAL:** Divert a minimum **75%** of all construction and demolition debris from landfill

PROJECT NAME (JOB NUMBER)

**CONSTRUCTION WASTE MANAGEMENT**

LEED MRc 2.1-2.2

| Date | Subcontractor | Facility Used | Material Type | Recycled? (Yes or No) | Quantity of Waste | Units | Percentage of Waste Diverted | Total Diverted Waste [tons] |
|---|---|---|---|---|---|---|---|---|
| 7/9/07 | Recovery 1 | Recovery 1 Tacoma | Commingle | yes | 83.68 | Tons | 98.00% | 82.01 |
| 7/9/07 | Seattle Iron & Metals Corp | Seattle Iron & Metals Corp | Steel | yes | 2.74 | Tons | 98.00% | 2.69 |
| 7/9/07 | Squak Mountain Materials LLC | Squak Mountain | Concrete | yes | 24.1 | Tons | *99.00%* | 23.86 |
| 7/10/07 | Recovery 1 | Recovery 1 Tacoma | Commingle | yes | 63.25 | Tons | 98.00% | 61.99 |
| 7/10/07 | Squak Mountain Materials LLC | Squak Mountain | Concrete | yes | 23.5 | Tons | *99.00%* | 23.27 |
| 7/24/08 | WM | Waste Management | Waste | no | 1.05 | Tons | 0.00% | 0.00 |
| 7/31/08 | Renu | CDL Recycle | Concrete | yes | 9 | Tons | 99.00% | 8.91 |
| 7/31/08 | Renu | CDL Recycle | Commingle | yes | 42.36 | Tons | 93.32% | 39.53 |
| 8/24/08 | WM | Waste Management | Waste | no | 1.05 | Tons | 0.00% | 0.00 |
| | | | TOTAL QUANTITY OF WASTE | | 888.89 | Tons | DIVERTED | 833.70 |

PERCENTAGE OF WASTE DIVERTED 93.79%

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# In the Field


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# In the Field


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# Ensuring Safety

- Material Handling
- Overexertion
- Access
- Potential Hazardous Materials


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# Supporting Safety

- Prevention of exposure to hazardous waste
- Safe handling of materials
- Jobsite signage
- Support jobsite cleanup and housekeeping


INDOOR AIR
QUALITY
MANAGEMENT
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# Issues to Consider

- Roles & Responsibilities
- IAQ Management Plan
- SMACNA Guidelines
- Photo Documentation
- Subcontractor Communication
- Product Data & MSDS Sheets

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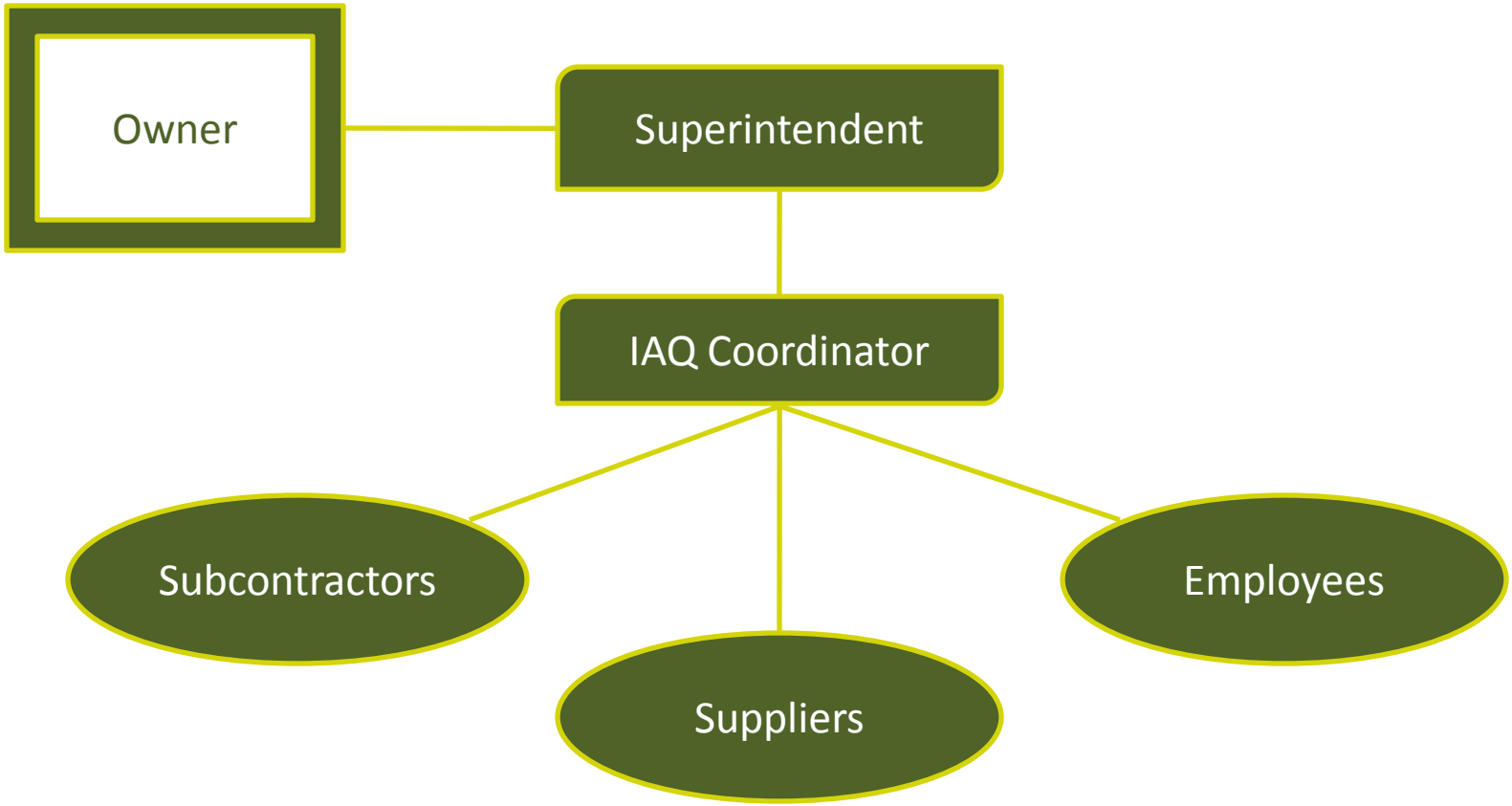
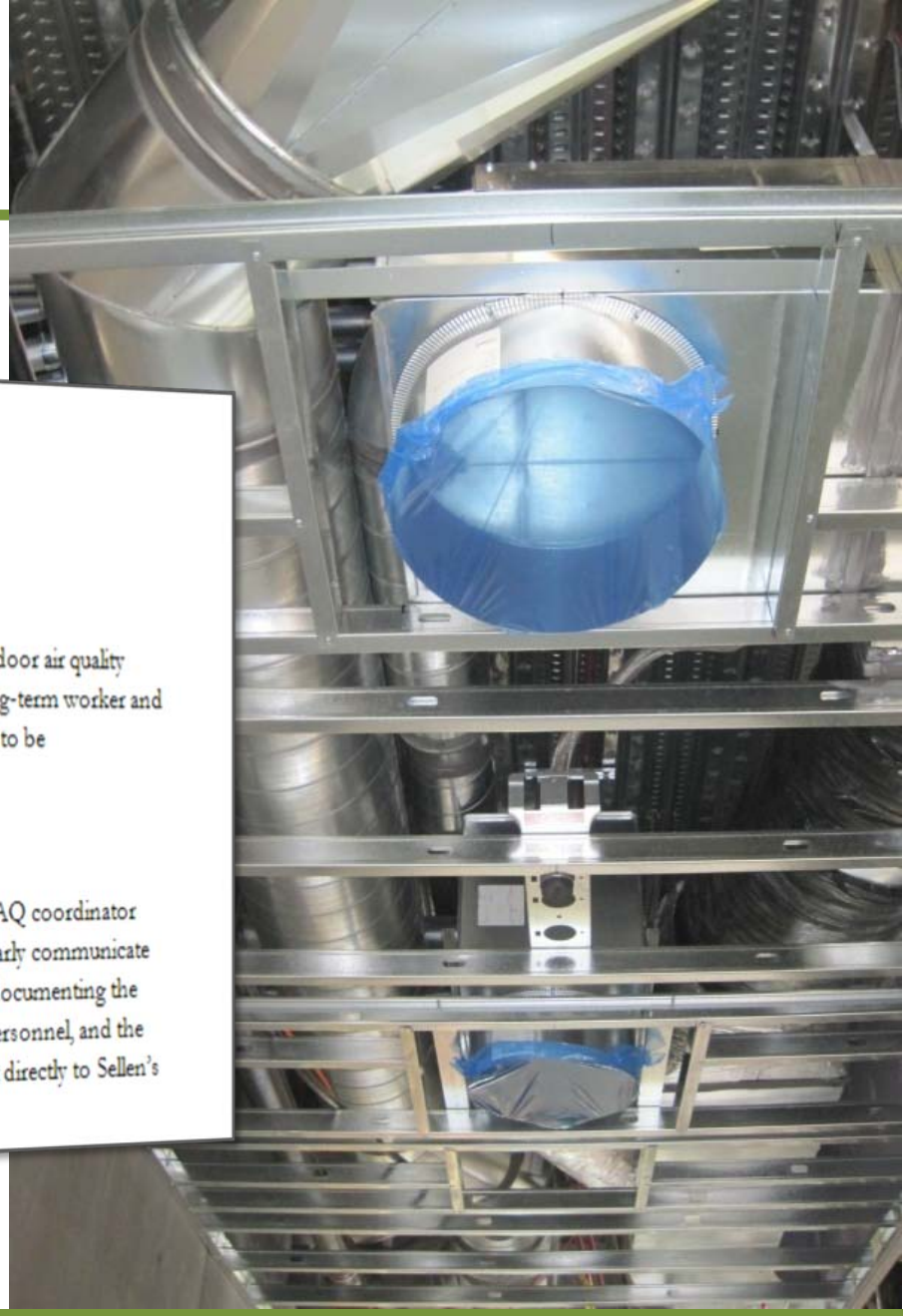
# Roles & Responsibilities



# Management Plan



(PROJECT NAME)

## INDOOR AIR QUALITY (IAQ) MANAGEMENT PLAN

### PURPOSE

Sellen Construction's Indoor Air Quality (IAQ) Management Plan is intended to reduce indoor air quality problems resulting from the construction process. In return, the goal is to help sustain long-term worker and occupant comfort / wellbeing. This (project name) IAQ plan is designed for and intended to be communicated to all Sellen employees, subcontractors & suppliers.

### ORGANIZATION & COMMUNICATION

When warranted (name of superintendent appointed personnel) will be the on-site Sellen IAQ coordinator assigned to oversee and implement the plan as well as educate the construction team, regularly communicate to all personnel on-site, identify and mitigate any issues, and assist the project engineer in documenting the plan. The IAQ coordinator will also work directly with subcontractors, suppliers, Sellen personnel, and the Project Team, to ensure the guidelines and goals are met. The IAQ coordinator will report directly to Sellen's site superintendent (name of superintendent).

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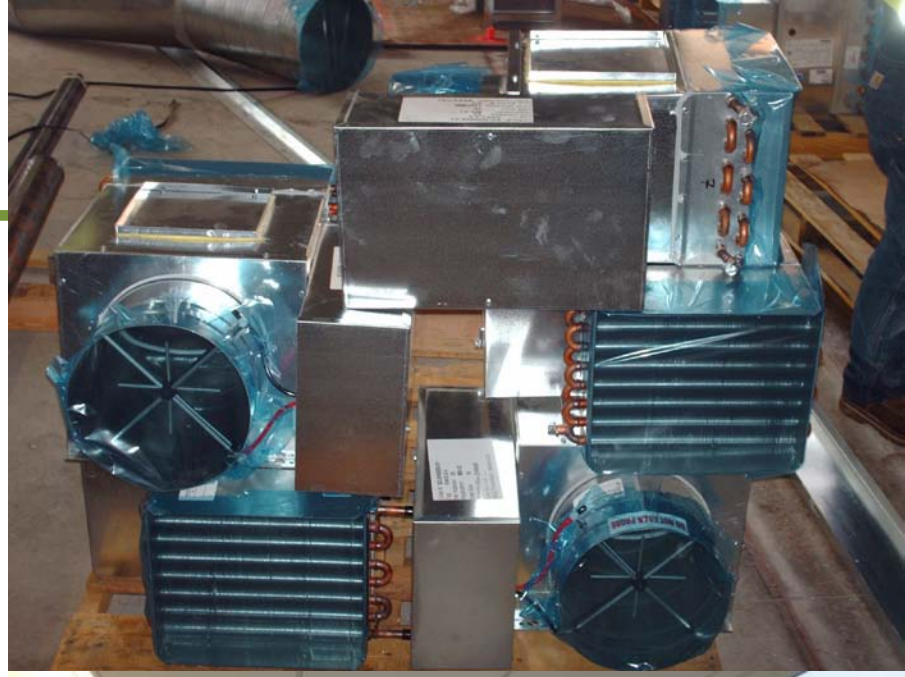
# SMACNA Guidelines

- Scheduling of Work
- HVAC Protection
- Source Control of Emitting Products or Equipment
- Pathway Interruption
- Housekeeping



# Subcontractor Communication

| **Indoor Air Quality- During Construction** | **(LEED EQc 3.1)** |
|---|---|
| ☐ I, mechanical sub, shall provide a list of filters (locations, brand, model#, MERV rating, and note replacement prior to occupancy) during the commissioning process and immediately following the TCO. | |

| **Adhesives & Sealants- Low Emitting Materials[11]** | **(LEED EQc 4.1)** |
|---|---|
| **Comply with VOC Limits - No Exception!!!** | |
| ☐ I have attached the product's MSDS and product data sheets. I have highlighted the VOC content, which I have confirmed is within the allowable VOC limits. | |

| **Paintings & Coatings- Low Emitting Materials[12]** | **(LEED EQc 4.2)** |
|---|---|
| **Comply with VOC Limits - No Exception!!!** | |
| ☐ I have attached the product's MSDS and product data sheets and I have highlighted the VOC content, which I have confirmed is within the allowable VOC limits. | |

# Product Data & MSDS Sheets

1.03 SUBMITTALS

A. Submit in accordance with Sections 013310, Submittal Procedures, and 0
Drawings, Product Data and Samples:

1. Samples:
   a. Architect will submit color chips including custom colors to Cor
   a timely manner.
   b. Before commencing work, prepare samples of selected colors
   or acceptable facsimiles painted with specified paint or coating
   gloss/sheen and textures required to MPI standards, or as spe
   and acceptance. Size should not be less than 12 sq.in.
   c. For any samples not accepted furnish additional samples as re
   colors, finishes, and textures are acceptable and Architect issu
   authorization to proceed.
   d. When accepted, samples shall become standard of quality for


a. Arrange in same format as schedule this Section.
b. Include applicable manufacturer's recommendations.
c. Include additional information requested by Architect.

4. LEED Submittals:
   a. Credit EQc4: Complete the LEED VOC Submittal Form for each adhesive, sealant, paint and primer product used on the inside of the vapor barrier of the building.

**Table 1**: South Coast Rule # 1168 VOC Limits, Less Water and Less Exempt Compounds

| Architectural Adhesives Applications | VOC Limit [g/L] | Welding & Installation | VOC Limit [g/L] |
|---|---|---|---|
| Indoor Carpet Adhesives | 50 | PVC welding | 510 |
| Carpet Pad Adhesives | 50 | CPVC welding | 490 |
| Outdoor Carpet Adhesives | 150 | ABS welding | 400 |
| Wood Flooring Adhesives | 100 | Plastic cement welding | 350 |
| Rubber Floor Adhesives | 60 | Adhesive primer for plastic | 650 |
| Subfloor Adhesives | 50 | Contact Adhesive | 80 |
| Ceramic tile installation | 65 | Special Purpose Contact Adhesives | 250 |
| VCT and Asphalt Tile Adhesives | 50 | Structural Wood Member Adhesive | 140 |
| Dry Wall and Panel Adhesives | 50 | Sheet Applied Rubber Lining Operations | 850 |
| Cove base installation | 50 | Top and Trim Adhesive | 250 |
| Multipurpose Construction Adhesives | 70 | **Sealants** | |
| Structural Glazing Adhesives | 100 | Architectural | 250 |
| **Substrates** | | Porous Architectural Sealant Primer | 775 |
| Metal to metal | 30 | Non-porous Architectural Sealant Primer | 250 |
| Plastic foams | 50 | | |
| Porous material except wood | 50 | | |
| Wood | 30 | | |
| Fiberglass | 80 | | |

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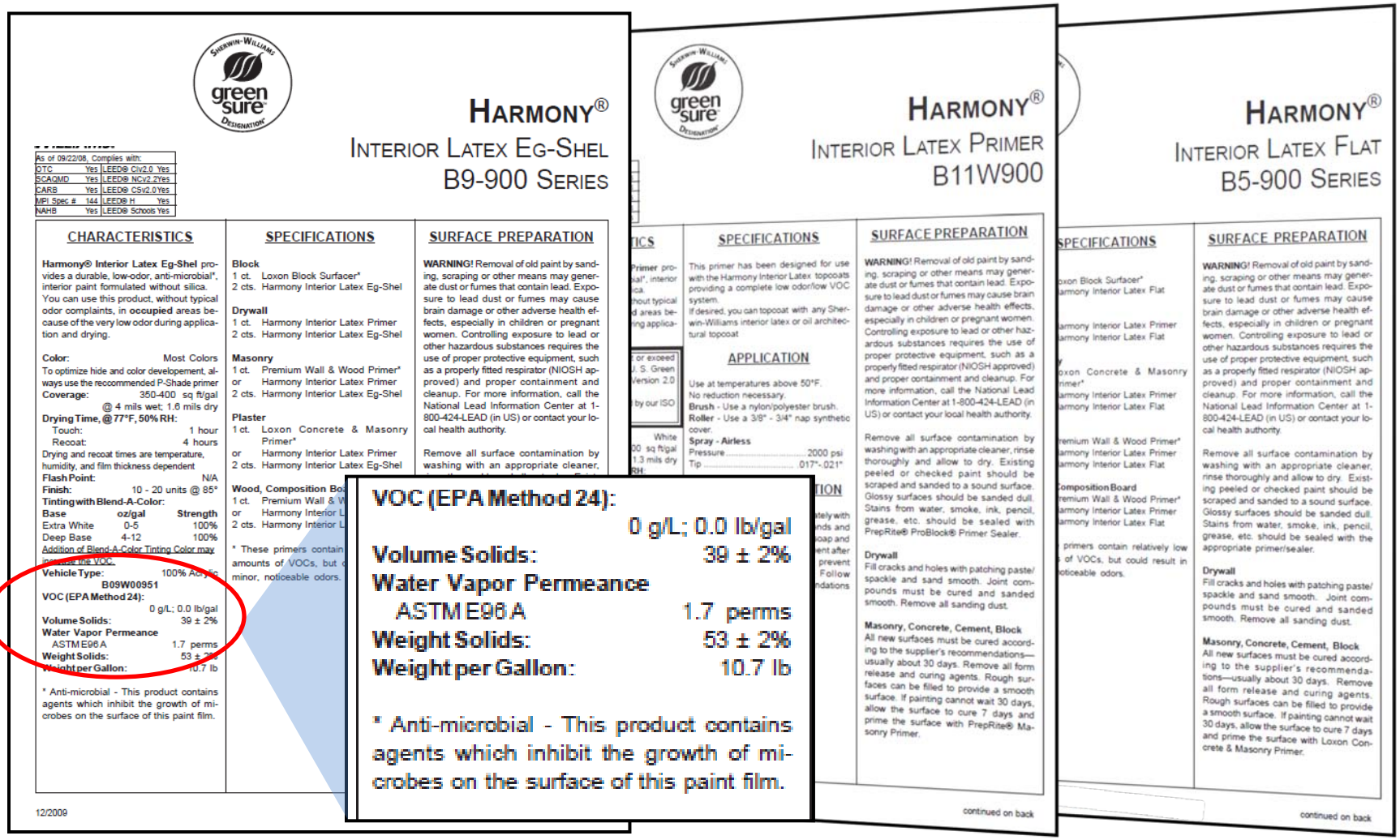
# Product Data & MSDS Sheets



HARMONY®
INTERIOR LATEX EG-SHEL
B9-900 SERIES

| As of 09/22/08, Complies with: | | | |
|---|---|---|---|
| OTC | Yes | LEED® CIv2.0 | Yes |
| SCAQMD | Yes | LEED® NCv2.2 | Yes |
| CARB | Yes | LEED® CSv2.0 | Yes |
| MPI Spec # | 144 | LEED® H | Yes |
| NAHB | Yes | LEED® Schools | Yes |

**CHARACTERISTICS**

**Harmony® Interior Latex Eg-Shel** provides a durable, low-odor, anti-microbial*, interior paint formulated without silica. You can use this product, without typical odor complaints, in **occupied** areas because of the very low odor during application and drying.

**Color:** Most Colors
To optimize hide and color developement, always use the reccommended P-Shade primer
**Coverage:** 350-400 sq ft/gal @ 4 mils wet; 1.6 mils dry
**Drying Time, @77°F, 50% RH:**
Touch: 1 hour
Recoat: 4 hours
Drying and recoat times are temperature, humidity, and film thickness dependent
**Flash Point:** N/A
**Finish:** 10 - 20 units @ 85°
**Tinting with Blend-A-Color:**

| Base | oz/gal | Strength |
|---|---|---|
| Extra White | 0-5 | 100% |
| Deep Base | 4-12 | 100% |

Addition of Blend-A-Color Tinting Color may increase the VOC.
**Vehicle Type:** 100% Acrylic
B09W00951
**VOC (EPA Method 24):** 0 g/L; 0.0 lb/gal
**Volume Solids:** 39 ± 2%
**Water Vapor Permeance** ASTM E96 A 1.7 perms
**Weight Solids:** 53 ± 2%
**Weight per Gallon:** 10.7 lb

* Anti-microbial - This product contains agents which inhibit the growth of microbes on the surface of this paint film.

**SPECIFICATIONS**

**Block**
1 ct. Loxon Block Surfacer*
2 cts. Harmony Interior Latex Eg-Shel

**Drywall**
1 ct. Harmony Interior Latex Primer
2 cts. Harmony Interior Latex Eg-Shel

**Masonry**
1 ct. Premium Wall & Wood Primer*
or Harmony Interior Latex Primer
2 cts. Harmony Interior Latex Eg-Shel

**Plaster**
1 ct. Loxon Concrete & Masonry Primer*
or Harmony Interior Latex Primer
2 cts. Harmony Interior Latex Eg-Shel

**Wood, Composition Bo**
1 ct. Premium Wall & W
or Harmony Interior L
2 cts. Harmony Interior L

* These primers contain amounts of VOCs, but minor, noticeable odors.

**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse

12/2009

**VOC (EPA Method 24):** 0 g/L; 0.0 lb/gal
**Volume Solids:** 39 ± 2%
**Water Vapor Permeance** ASTM E96 A 1.7 perms
**Weight Solids:** 53 ± 2%
**Weight per Gallon:** 10.7 lb

* Anti-microbial - This product contains agents which inhibit the growth of microbes on the surface of this paint film.

HARMONY®
INTERIOR LATEX PRIMER
B11W900

**SPECIFICATIONS**

This primer has been designed for use with the Harmony Interior Latex topcoats providing a complete low odor/low VOC system.
If desired, you can topcoat with any Sherwin-Williams interior latex or oil architectural topcoat

**APPLICATION**

Use at temperatures above 50°F.
No reduction necessary.
**Brush** - Use a nylon/polyester brush.
**Roller** - Use a 3/8" - 3/4" nap synthetic cover.
**Spray - Airless**
Pressure ..... 2000 psi
Tip ..... .017"-.021"

**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with PrepRite® ProBlock® Primer Sealer.

**Drywall**
Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

**Masonry, Concrete, Cement, Block**
All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with PrepRite® Masonry Primer.

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HARMONY®
INTERIOR LATEX FLAT
B5-900 SERIES

**SPECIFICATIONS**

oxon Block Surfacer*
armony Interior Latex Flat

armony Interior Latex Primer
armony Interior Latex Flat

oxon Concrete & Masonry
rimer*
armony Interior Latex Primer
armony Interior Latex Flat

remium Wall & Wood Primer*
armony Interior Latex Primer
armony Interior Latex Flat

Composition Board
remium Wall & Wood Primer*
armony Interior Latex Primer
armony Interior Latex Flat

primers contain relatively low
of VOCs, but could result in
oticeable odors.

**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer.

**Drywall**
Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

**Masonry, Concrete, Cement, Block**
All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer.

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# Photo Documentation

PROJECT NAME

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EQ credit 3 During Construction
IAQ Photo Documentation

SCHEDULING OF WORK

PROJECT NAME

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HVAC PROTECTION

PROJECT NAME

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SOURCE CONTROL OF EMITTING PRODUCTS OR EQUIPMENT

PROJECT NAME

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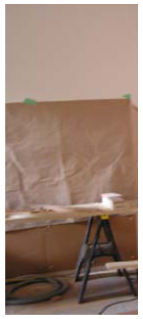
PATHWAY INTERRUPTION



PROJECT NAME

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IAQ Photo Documentation

HOUSEKEEPING

Date Picture Taken:
2/15/08

Materials that are porous, such as insulation, are kept covered to from exposure to moisture.

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# In the Field


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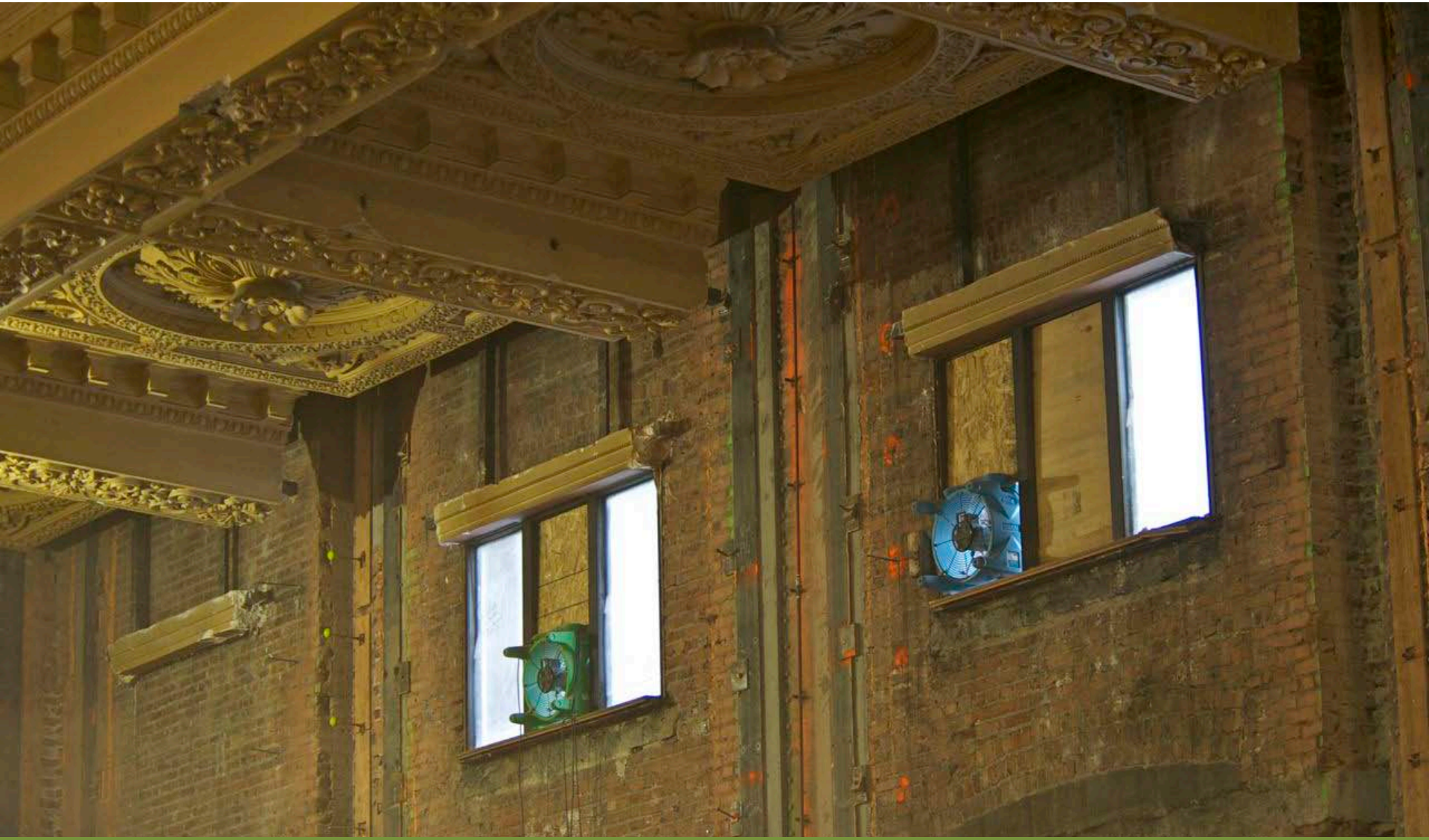

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# In the Field


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# Ensuring Safety

- Review MSDS
- Respiratory Protection
- Housekeeping
- Material Handling
- Air Quality


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# Supporting Safety

- Healthy material selection and management
- Housekeeping to prevent trip hazards
- Managing air contaminants created by construction activities
- Integrated IAQ and Safety job walks
- Scheduling for a safer, healthier site


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