TOWN OF SIMSBURY, CONNECTICUT

TRUCK WASH BAY
DEPARTMENT OF PUBLIC WORKS
66 TOWN FOREST RD
SIMSBURY, CONNECTICUT

LOCATION PLAN

Prepared By:

SILVA ENGINEERING, LLC
Consulting Engineers
90 Quarry Street, Lower Level, Willimantic, CT 06226
Phone: (860) 423-4506   Fax: (860) 423-1875

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FOUNDATION WALL & DETAIL

**Typical Foundation Wall Section**

- **Scale:** 1" = 1'-0"
- **Details:**
  - 8" Compacted Fill Material
  - #4 Continuous Top & Bottom
  - 10" Footer
  - 8" Compacted Fill Material
  - Slope to Drain

**Precast Concrete Block**

- **Scale:** 1" = 1'-0"
- **Details:**
  - Precast Concrete Block
  - Lateral Brace
  - Slope to Drain

**Precast Concrete Foundation Block**

- **Scale:** 1" = 1'-0"
- **Details:**
  - Precast Concrete Foundation Block
  - Joint Seal
  - Slope to Drain

**Section A-A (Found. at Doorway) Typ.**

- **Scale:** 1" = 1'-0"
- **Details:**
  - Precast Concrete Block
  - Joint Seal
  - Slope to Drain

**Section B-B**

- **Scale:** 1" = 1'-0"
- **Notes:**
  - Joint Seal at Entry to Wash Bay
  - Slope to Drain

**Typical Wash Bay Slab Section**

- **Scale:** 1" = 1'-0"
- **Details:**
  - Wash Bay Slab
  - 2" Top Cover
  - 6" Compacted Fill Material

**Notes:**

- Compacted fill material shall consist of #6 of 1/2" crushed within 5 feet of each end of the truck wash and below the exterior concrete pad. For remaining interior portions of the foundation and slab, the compacted fill shall consist of recycled aggregate supplied by the town and installed by the contractor.

- Construction joint

- Place backfill materials in layers not more than 8 inches in loose depth for material compacted by heavy compaction equipment, and not more than 4 inches in loose depth for material compacted by hand-operated tampers.

- Place backfill evenly on all sides of structures to required elevations, and uniformly along the full length of each structure.

- Compact soil materials to not less than the following percentages of maximum dry unit weight according to ASTM C: under structures and building slabs - 95% of existing subgrade and subsequent layer of backfill at 96% percent.
OSB SHEATHING
FINISHED
GRADE
TRENCH DRAIN SYSTEM, HAUNCH
SLAB IN ACCORDANCE WITH DRAIN
MANUFACTURER REQUIREMENTS
SEE TRENCH DRAIN NOTE
(3) 2X6 LATERAL
BRACE (TYP.)
TYPICAL SECTION
SCALE: 3/16" = 1'-0"
DETAIL 1
DETAIL 2
INTERIOR FINISH & SHEATHING NOTES:
1. INSTALL 3 8" ADVANTECH ZIP SYSTEM WALL SHEATHING OVER
INTERIOR FACE OF WALL STUDS AND CEILING JOISTS. APPLY
ADVANTECH TAPE TO ALL INTERIOR SHEATHING JOINTS.
2. APPLY NUFORM RELINE PANEL SYSTEM TO INTERIOR FACE OF
CEILINGS AND WALLS IN ACCORDANCE WITH MANUFACTURER'S
REQUIREMENTS. SEE TRENCH DRAIN NOTE
3. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
92'-0" 2X10 CEILING JOISTS @ 16" O.C.
22'-0" (FACE TO FACE OF STUD)
STORAGE & MECHANICAL SPACE
(3) 2X6 LATERAL
BRACE (TYP.)
FRAMING PLAN
SCALE: 3/16" = 1'-0"
EXIT ACCESS TRAVEL DISTANCE WITHOUT
EXIT ACCESS TRAVEL DISTANCE SEE NOTE
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STORAGE & MECHANICAL SPACE
17'-0" MIN. CLEAR
2'-0" STRUCTURAL
SHEATHING (TYP.)
R21 BATT
INSULATION (TYP.)
SEE INTERIOR FINISH & SHEATHING NOTES
STORAGE & MECHANICAL SPACE
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