



## **NONRESIDENTIAL SITE PLAN APPLICATION**

**City of Rochester, New Hampshire**

NOV 10 2015

Planning Dept

[office use only. Check # \_\_\_\_\_ Amount \$ \_\_\_\_\_ Date paid \_\_\_\_\_]

Date: November 10, 2015 Is a conditional use needed? Yes: X No: \_\_\_\_\_ Unclear: \_\_\_\_\_  
(If so, we encourage you to submit an application as soon as possible.)

### **Property information**

Tax map #: 267; Lot #(s): 3; Zoning district: Recycling Industrial

Property address/location: 149 Turnkey Way Rochester NH

Name of project (if applicable): Rochester Hauling Company

Size of site: 89.13 acres; overlay zoning district(s)? No

### **Property owner**

Name (include name of individual): Waste Management of New Hampshire, Inc. (Steve Cates, Sr. District Manager)

Mailing address: 30 Rochester Neck Road Rochester NH

Telephone #: (603) 330-2118 Email: scates@wm.com

### **Applicant/developer** (if different from property owner)

Name (include name of individual): \_\_\_\_\_

Mailing address: \_\_\_\_\_

Telephone #: \_\_\_\_\_ Email: \_\_\_\_\_

### **Engineer/designer**

Name (include name of individual): Eric S. Steinhauser, P.E., CPESC, CPSWQ

Mailing address: Sanborn, Head & Associates, Inc., 20 Foundry Street, Concord, NH 03301

Telephone #: (603) 415-6138 Fax #: (603) 229-1919

Email address: esteinhauser@sanbornhead.com Professional license #: 11494

### **Proposed activity** (check all that apply)

New building(s): \_\_\_\_\_ Site development (other structures, parking, utilities, etc.): X

Addition(s) onto existing building(s): X Demolition: \_\_\_\_\_ Change of use: X

Describe proposed activity/use: WMNH is proposing to repurpose the vacant Health Care Waste Facility (HCWF) to house the Rochester Hauling Company. The current Rochester Hauling Company location occupies an area designated for permitted landfill use, construction of which is anticipated to begin in 2016 necessitating the proposed hauling company move. The proposed use of the former HCWF is a Truck Terminal that requires installing 6 overhead doors, expanding a parking lot, paving an access road, constructing an access ramp to the existing building, relocating two propane tanks, and installing a culvert crossing and electric utilities. In addition, a temporary fueling station, consisting of a 15,000-gallon (approximate) dual contained above-ground storage tank and associated pumps and hoses, will be located at the north end of the remote truck parking location.

## Utility information

City sewer? yes X no   ; How far is City sewer from the site?                     

If City water, is it proposed for anything other than domestic purposes?      yes \_\_\_\_ no X

Where will stormwater be discharged? Stormwater is conveyed to a manmade drainage channel leading to a bioretention basin with an outlet structure that discharges through a culvert and swale.

Type of building(s): The existing building is a pre-engineered metal framed, roofed, and sided building.

## Other information

Number of cubic yards of earth being removed from the site None

Check any that are proposed: variance \_\_\_\_; special exception \_\_\_\_; conditional use ☒ X

Proposed <u>post-development</u> disposition of site (should total 100%)		
	Square footage	% overall site
Building footprint(s) – give for each building	109,465 (see Table)	2.8
Parking and vehicle circulation	713570	18.4
Planted/landscaped areas (excluding drainage)	2126835	54.8
Natural/undisturbed areas (excluding wetlands)	337821	8.7
Wetlands	150065	3.9
Other – drainage structures, outside storage, etc.	444,747	11.5

## Comments

Please feel free to add any comments, additional information, or requests for waivers here:

A Conditional Use Permit Application is being submitted to use the site as a Truck Terminal.

## Submission of application

This application must be signed by the property owner, applicant/developer (if different from property owner), and/or the agent.

*I (we) hereby submit this Site Plan application to the City of Rochester Planning Board pursuant to the City of Rochester Site Plan Regulations and attest that to the best of my knowledge all of the information on this application form and in the accompanying application materials and documentation is true and accurate. As applicant/developer (if different from property owner)/as agent, I attest that I am duly authorized to act in this capacity.*

Signature of property owner: \_\_\_\_\_

Date: \_\_\_\_\_

11/10/15

Signature of applicant/developer: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of agent: \_\_\_\_\_

Date: \_\_\_\_\_

## Authorization to enter subject property

*I hereby authorize members of the Rochester Planning Board, Zoning Board of Adjustment, Conservation Commission, Planning Department, and other pertinent City departments, boards and agencies to enter my property for the purpose of evaluating this application including performing any appropriate inspections during the application phase, review phase, post-approval phase, construction phase, and occupancy phase. This authorization applies specifically to those particular individuals legitimately involved in evaluating, reviewing, or inspecting this specific application/project. It is understood that these individuals must use all reasonable care, courtesy, and diligence when entering the property.*

Signature of property owner: \_\_\_\_\_

Date: \_\_\_\_\_

11/10/15

Page 3 (of 3 pages)



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NOV 10 2015  
Planning Dept

**Conditional Use Permit Application**  
**City of Rochester, New Hampshire**

**Date:** November 10, 2015

**Property information**

Tax map #: 267; Lot #'s: 3; Zoning district: Recycling Industrial

Property address/location: 149 Turnkey Way, Rochester, NH

Name of project (if applicable): Rochester Hauling Company

**Property owner**

Name (include name of individual): Waste Management of New Hampshire, Inc. (Steve Cates, Sr. District Manager)

Mailing address: 30 Rochester Neck Road, PO Box 7065 Gonic NH 03839

Telephone #: (603) 330-2118 Fax \_\_\_\_\_

**Applicant/developer** (if different from property owner)

Name (include name of individual): \_\_\_\_\_

Mailing address: \_\_\_\_\_

Telephone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

**Engineer/designer**

Name (include name of individual): Eric S. Steinhauser, P.E., CPESC, CPSWQ

Mailing address: Sanborn, Head & Associates, Inc., 20 Foundry Street, Concord, NH  
03301

Telephone #: (603) 415-6138 Fax #: (603) 229 - 1900

Email address: esteinhauser@sanbornhead.com Professional license #: 11494

## Proposed Project

Please describe the proposed project: WMNH is proposing to re-purpose the vacant Health Care Waste Facility (HCWF) to house the Rochester Hauling Company. The current Rochester Hauling Company location occupies an area designated for permitted landfill use, earthwork associated with the Phase 12 construction is anticipated to begin in 2017 necessitating the proposed hauling company move. The proposed use of the former HCWF is a Truck Terminal that requires expanding the parking capacity, paving an access road, constructing an access ramp to the existing building, relocating two propane tanks, and installing a culvert crossing and electric utilities. In addition, a temporary fueling station, consisting of an approximately 15,000-gallon dual contained above-ground storage tank and associated pumps and hoses, will be located at the north end of the remote truck parking location.

Please describe the existing conditions: The lot is 89.13 acres with a variety of buildings and site features supporting operations at the TREE Facility

## Submission of application

This application must be signed by the property owner, applicant/developer (if different from property owner), and/or the agent.

*I/we hereby submit this Conditional Use application to the City of Rochester Planning Board pursuant to the City of Rochester Zoning Ordinance and attest that to the best of my knowledge all of the information on this application form and in the accompanying application materials and documentation is true and accurate. As applicant/developer (if different from property owner)/as agent, I attest that I am duly authorized to act in this capacity.*

Signature of property owner: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of applicant/developer: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of agent: \_\_\_\_\_

Date: \_\_\_\_\_



November 10, 2015

Mr. James B. Campbell, Director  
City of Rochester  
Planning and Development Department  
31 Wakefield Street  
Rochester, New Hampshire 03867

**TURNKEY RECYCLING & ENVIRONMENTAL ENTERPRISE**

30 Rochester Neck Road  
P.O. Box 7065  
Rochester, NH 03839  
(603) 330-2197  
(603) 330-2130 Fax

RECEIVED  
NOV 10 2015  
Planning Dept.

Re: Letter of Intent – Rochester Hauling Company Site Plan Application  
Waste Management of New Hampshire, Inc.  
Turnkey Recycling and Environmental Enterprise (TREE)  
Rochester, New Hampshire

Dear Mr. Campbell:

Waste Management of New Hampshire, Inc. is proposing to repurpose the vacant Health Care Waste Facility (HCWF), which is located near the southeastern corner of the TREE facility on the south side of Rochester Neck Road as a maintenance facility and parking area for the Rochester Hauling Company. At present, the Rochester Hauling Company is located north of Rochester Neck Road. The current hauling company location occupies an area designated for permitted landfill use (i.e., Phase 12 of TLR-III). Earthwork associated with the Phase 12 construction is anticipated to begin in 2017 necessitating the move of the existing hauling company. The following information is being provided for the site plan application.

**Applicant's Name:** Waste Management of New Hampshire, Inc. (property owner)

**Property Location:** 90 Rochester Neck Road, Tax Map 267 Lot 3

**Size and Use:** The development will involve modifying the existing metal building to allow for additional truck entrance and adding paved and gravel parking area. The entire area of development will disturb about 1.8 acres in the eastern portion of the approximately 90-acre parcel.

**Proposed Use:** WMNH is proposing to repurpose the HCWF as a truck maintenance facility and add truck and car parking.

**Previous Use:** There are several operations related to the TREE facility on the 90-acre parcel including the Material Recovery Facility (MRF), the Residential Drop-off area, Landfill Gas to Energy Facilities and the Leachate Treatment Plant.

*From everyday collection to environmental protection, Think Green®. Think Waste Management.*



- Existing Conditions:** As indicated above, the development is proposed to take place on the parcel on which several other TREE facilities are located. WMNH owns the properties abutting the parcel. The project site will be screened from view by existing vegetation along Rochester Neck Road. The present location of the hauling company is on Rochester Neck Road and the new facility will be accessed by Turnkey Way that intersects Rochester Neck Road directly across from the current operation's entrance. WMNH anticipates no change in traffic on Rochester Neck Road as a result of this relocation of operations. WMNH is not proposing to increase the number of vehicles at this location. Other nearby uses on Rochester Neck Road include the aggregate operations for Pike Industries and Brox.
- Resulting Employees:** It is anticipated that 83 employees will staff the operation; 78 of which work first shift, while the remaining will work second shift. WMNH is not proposing to increase employees with this change in physical location.
- Hours of Operation:** Facility operating hours shall be 6am to 6pm, heavy equipment maintenance completed within the facility will continue to occur to 12 am with a reduced staff.
- Off-street Parking:** Employee parking spaces will be established near the existing building.
- Proposed Site Changes:** The proposed development includes the following components:
- 50,640 square feet of new gravel parking area;
  - 29,000 square feet of expanded paved access road and parking area;
  - 38,380 square feet of remote parking on an existing concrete building foundation;
  - A new 5,400-square foot access ramp;
  - Modify the existing building structure by adding six overhead doors;
  - Provide power and lighting to the proposed new and remote parking areas;
  - Remove two and relocate two above ground propane storage tanks;
  - Install a temporary fueling station, consisting of an approximately 15,000-gallon dual contained above-ground storage tank and associated pumps and hoses, located at the north end of the remote truck parking location; and
  - Modify the existing stormwater pond discharge structure.

**Property Access:** Access to the repurposed facility will be via Turnkey Way (the same road) used to access the HCWF. No changes to the intersection of the Turnkey Way and Rochester Neck Road are proposed.

**Conditional Use Permit:** In addition to the enclosed Site Plan Application, WMNH is submitting a Conditional Use Permit Application to site a Truck Terminal because this proposed use is not specifically identified as a permitted use in the Recycling Industrial District.<sup>1</sup>

Please contact me should you require additional information regarding this proposed development.

Sincerely,  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.



Anne Reichert, P.E.  
Construction Project Manager

LCT/ESS: lct

**Enclosures:** Site Plan Application (22 copies)  
Conditional Use Application (22 copies)  
Narrative (1 Copy)  
11" x 17" Drawings (22 copies)  
22" x 34" Drawings (3 copies)  
Soil Map (1 copy)  
Drainage Calculations (2 copies)  
Checklist (1 copy)  
Application Fee  
Abutters List (1 copy)

**Copies to:** Steve Cates, WMNH  
Bob Magnusson, WMNH  
Peter Richer, WMNH  
Eric Steinhauser, Sanborn Head

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<sup>1</sup> According to Chapter 42.1 of the Zoning Ordinance of the City of Rochester, New Hampshire, Truck Terminal is defined as: "A site where cargo or containers are stored and where trucks load and unload or transfer freight on a regular basis. It may also include temporary storage areas for trucks and facilities servicing trucks."

RECEIVED  
NOV 10 2015  
Planning Dept.

- 1 OVERALL SITE AND ZONING PLAN
- 2 EXISTING CONDITIONS PLAN
- 3 PROPOSED DEVELOPMENT PLAN
- 4 BUILDING FLOOR PLAN
- 5-6 BUILDING ELEVATIONS
- 7-8 DETAILS
- 9 EROSION CONTROL DETAILS



ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

THE DEVELOPMENT DEPICTED IN THESE DRAWINGS MUST BE IN COMPLIANCE WITH ALL APPLICABLE LAWS INCLUDING ALL PERTINENT PROVISIONS OF THE CITY OF ROCHESTER SITE PLAN REGULATIONS\* UNLESS OTHERWISE WAIVED

PREPARED BY

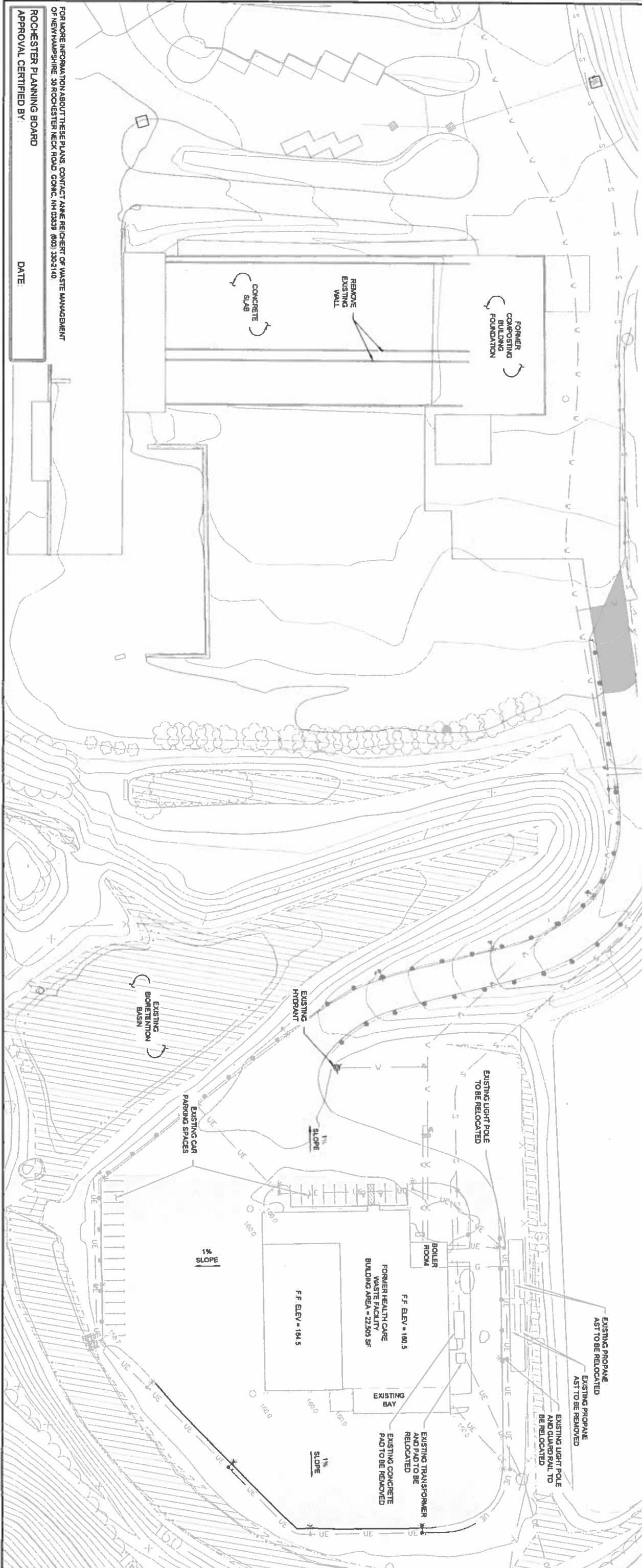
20 FOUNDRY STREET, CONCORD, NEW HAMPSHIRE 03301  
(603) 229-1900 FAX (603) 229-1919



PLAN REFERENCE NOTES

1. REFER TO SHEET 2 FOR ADDITIONAL NOTES AND LEGEND.
2. EXISTING TOPOGRAPHY AND SITE FEATURES ARE A COMPILATION OF THE FOLLOWING:
  - A. EXISTING TOPOGRAPHY AND SITE FEATURES PROVIDED TO SANBORN-HEAD IN AN ELECTRONIC FILE TITLED "TREE ISOLATION DIRECT COMPALED USING PHOTOGRAMMETRIC METHODS BY QUANTUM SPATIAL OF DALLAS, VIRGINIA FOR WASTE MANAGEMENT OF NEW HAMPSHIRE, INC. (WMAH) USING AERIAL PHOTOGRAPHY DATED MAY 2, 2015. ORIGINAL SCALE OF 1" = 100' AND CONTOUR INTERVAL OF 2 FEET. VERTICAL DATUM IS BASED ON NAD 1983. GRID IS BASED ON NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM NAD 1983.
  - B. PROPOSED TOPOGRAPHY FROM A DRAWING SET TITLED "TREE HEALTH CARE WASTE FACILITY" LAST REVISED IN OCTOBER 2010 PREPARED BY SANBORN-HEAD.
3. WETLAND AREAS REPRESENT A COMPILATION OF INFORMATION DETERMINED USING EXISTING AERIAL PHOTOGRAPHY, SOILS INFORMATION, U.S.F.W.S. NATIONAL WETLAND INVENTORY MAPS AND DELINEATIONS CONDUCTED BY BARRY H. KETH AT VARIOUS TIMES FROM SEPTEMBER OF 2000 UNTIL SEPTEMBER OF 2015, IN CHS 4087 IN ACCORDANCE WITH N.H.A.B. ADMINISTRATIVE RULE WT 301.01 (A-C) USING THE METHODS OUTLINED IN THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, TECHNICAL REPORT Y-87-1 (JANUARY 1987), AND FIELD IDENTIFYING HYDRO SOILS IN NEW ENGLAND (VERSION II) PUBLISHED BY THE N.E. INTERSTATE WATER POLLUTION CONTROL COMMISSION. WETLAND AREAS WERE SURVEYED BY CHAS H. SELLS OF N.H.S.H.A. NEW HAMPSHIRE. WETLAND AREAS WERE CLASSIFIED IN ACCORDANCE WITH N.H.A.B. ADMINISTRATIVE RULE WT 301.02 USING THE USFWS/CSS-79/31 MANUAL CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES (COMARCON ET AL, 1979).

- LEGEND:**
- 160' ——— EXISTING 10-FOOT ELEVATION CONTOUR
  - EXISTING 2-FOOT ELEVATION CONTOUR
  - UE ——— EXISTING UNDERGROUND ELECTRIC CONDUIT
  - OE ——— OVERHEAD ELECTRIC CONDUIT
  - S ——— EXISTING SEWER
  - V ——— EXISTING WATER
  - G ——— EXISTING GAS
  - EXISTING STORMDRAIN
  - ~~~~~ TREE LINE
  - EXISTING GUARDRAIL
  - WATER LINE
  - WETLAND AREA
  - EXISTING PAVEMENT
  - EXISTING TRAFFIC AREA LIGHT



FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT AME REICHERT OF WASTE MANAGEMENT OF NEW HAMPSHIRE, 30 ROCHESTER NECK ROAD, CONN, NH 03319, (603) 300-2140.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE

SANBORN HEAD



NO.	DATE	DESCRIPTION	BY

DRAWN BY: L. TEAL  
DESIGNED BY: E. STEINHAUSER  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: T. REED  
P.C.: E. STEINHAUSER  
DATE: NOVEMBER 2015

ROCHESTER HAULING COMPANY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

EXISTING CONDITIONS PLAN

PROJECT NUMBER:  
3534.05

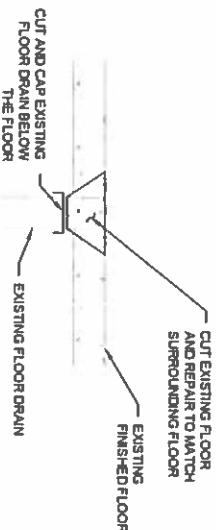
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2 OF 9



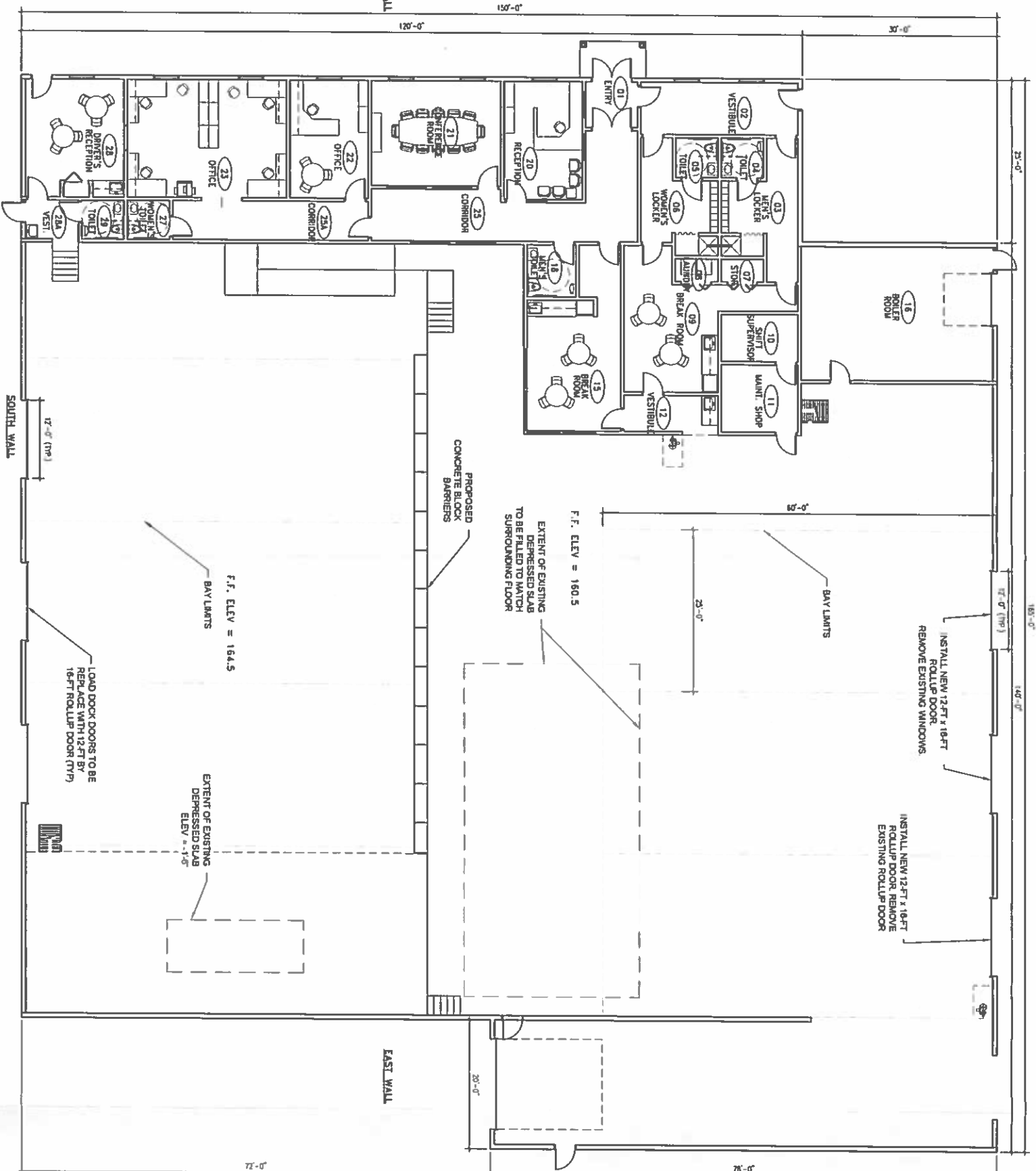
- 

FLOOR DRAIN CAP

**NOT TO SCALE**



## WEST WALL



FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT ANNE REICHERT OF WASTE MANAGEMENT OF NEW HAMPSHIRE, 30 ROCHESTER NECK ROAD, GONIC, NH 03839 (603) 330-2140.

**ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:**

DATE \_\_\_\_\_

# SANBORN

# HEAD

SCALE AS NOTED

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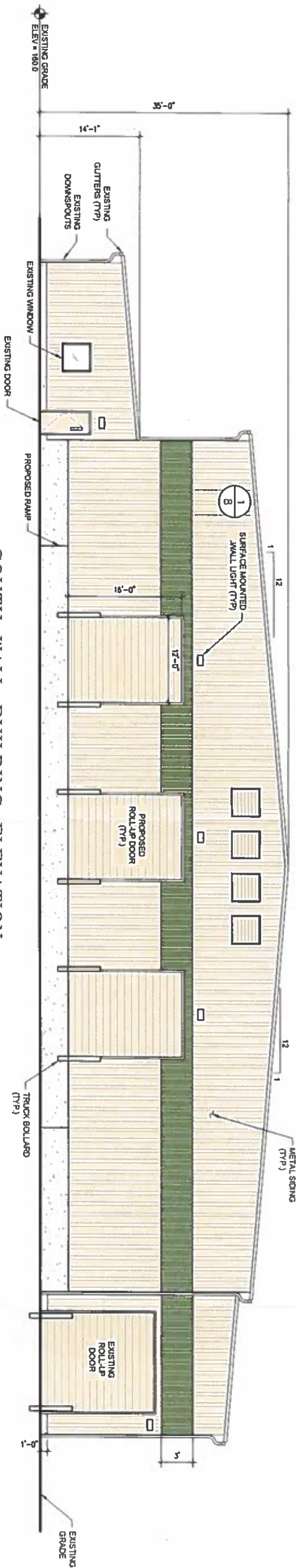
DRAWN BY L. TEAL  
DESIGNED BY L. TEAL  
REVIEWED BY E. STEINHAUSER  
PROJECT MGR T. REED  
PIC E. STEINHAUSER  
DATE NOVEMBER 2015

**ROCHESTER HAULING COMPANY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE**

3534.05

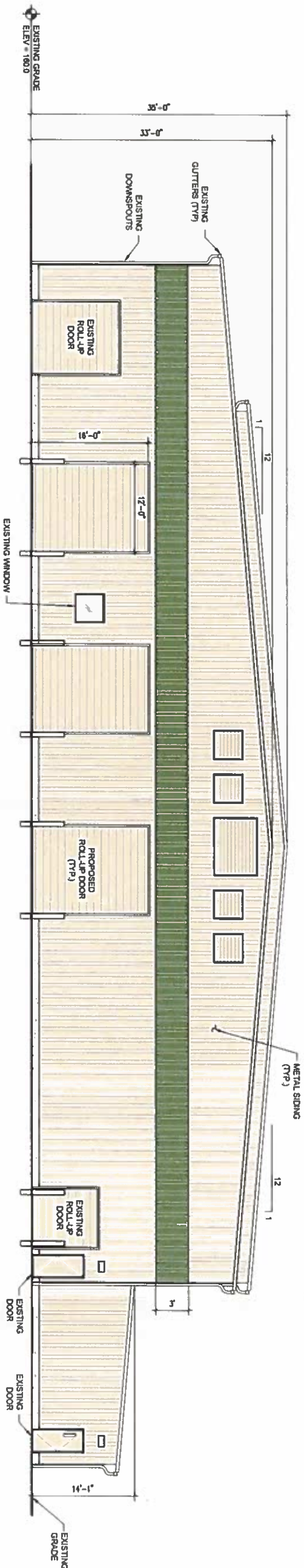
## BUILDING FLOOR PLAN

4 OF 9



1 SOUTH WALL BUILDING ELEVATION

SCALE: 1/8" = 1'



2 NORTH WALL BUILDING ELEVATION

SCALE: 1/8" = 1'

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT ANNE REICHERT OF WASTE MANAGEMENT OF NEW HAMPSHIRE, 30 ROCHESTER NECK ROAD, CONIC, NH 03319 (603) 330-2140

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

SCALE: AS NOTED



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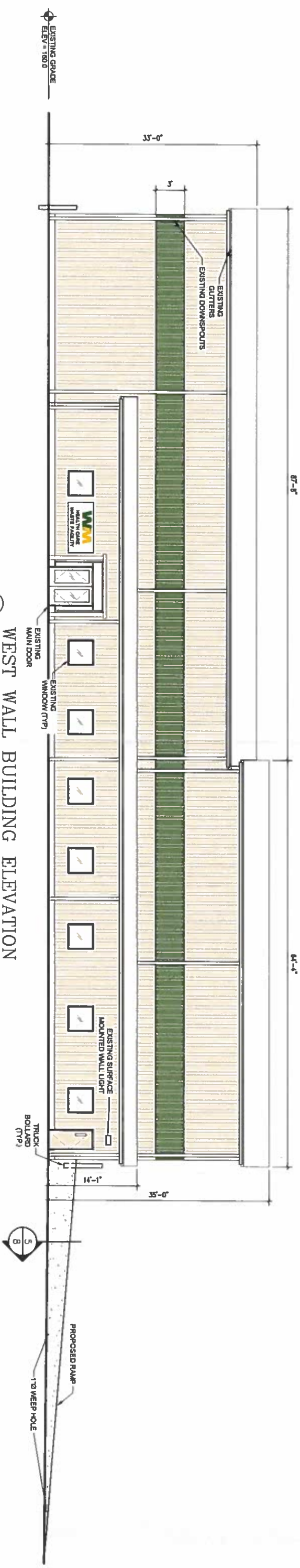
DRAWN BY: L. TEAL  
DESIGNED BY: L. TEAL  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: T. REED  
PIC: E. STEINHAUSER  
DATE: NOVEMBER 2015



EAST WALL BUILDING ELEVATION

SCALE 1/8" = 1'

NO BUILDING MODIFICATIONS PROPOSED



WEST WALL BUILDING ELEVATION

SCALE 1/8" = 1'

NO BUILDING MODIFICATIONS PROPOSED

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT ANNE REICHERT OF WASTE MANAGEMENT OF NEW HAMPSHIRE, 30 ROCHESTER NECK ROAD, CONN, NH 03319 (603) 330-2140.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_



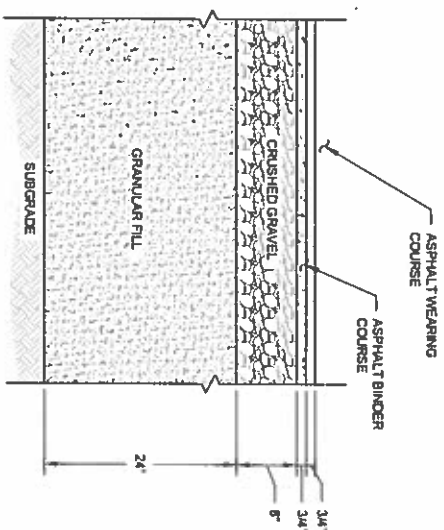
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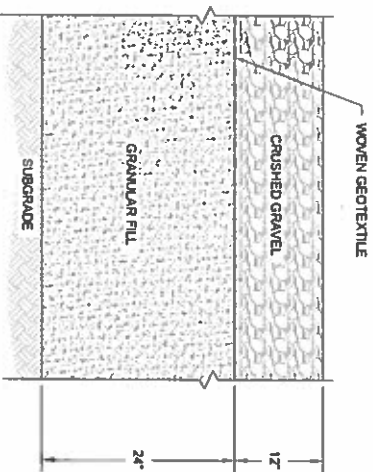
NO.	DATE	DESCRIPTION	BY

DRAWN BY: L. TEAL  
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PROJECT MGR: T. REED  
PIC: E. STEINHAUSER  
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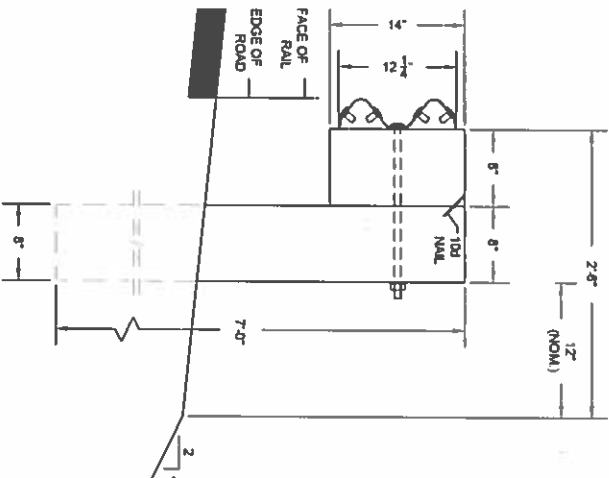
ROCHESTER HAULING COMPANY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE  
BUILDING ELEVATIONS  
PROJECT NUMBER: 3534.05  
SHEET NUMBER: 6 OF 9



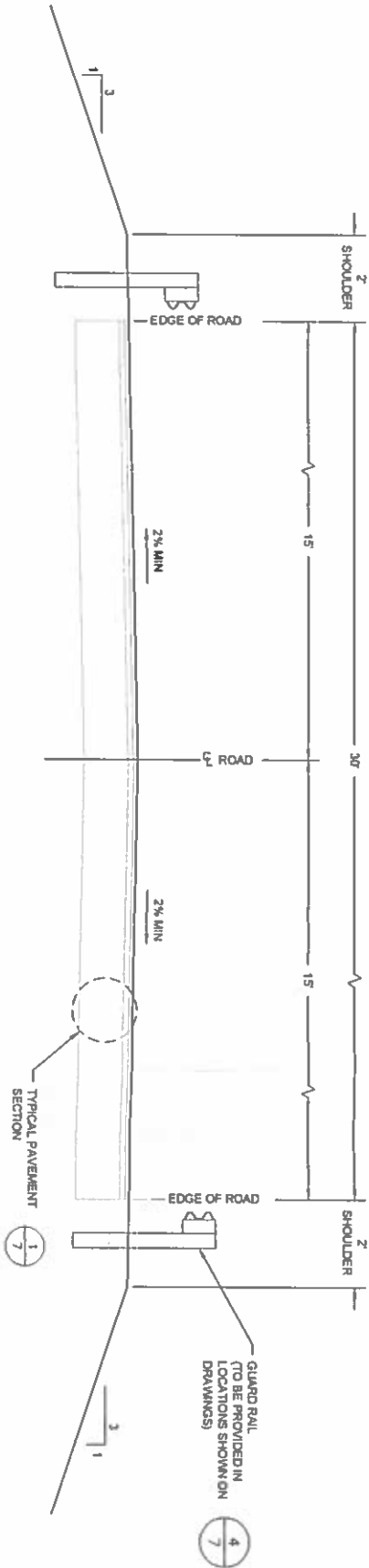
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TYPICAL PAVEMENT SECTION



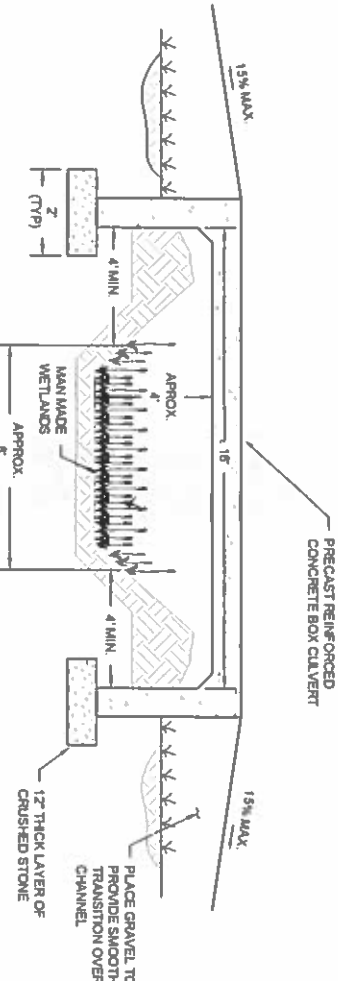
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TYPICAL CRUSHED GRAVEL SECTION



4  
TYPICAL GUARDRAIL DETAILS

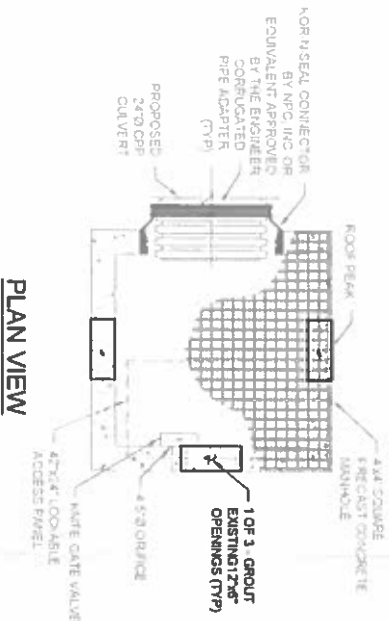


2  
TYPICAL 30-FOOT WIDE ROAD SECTION

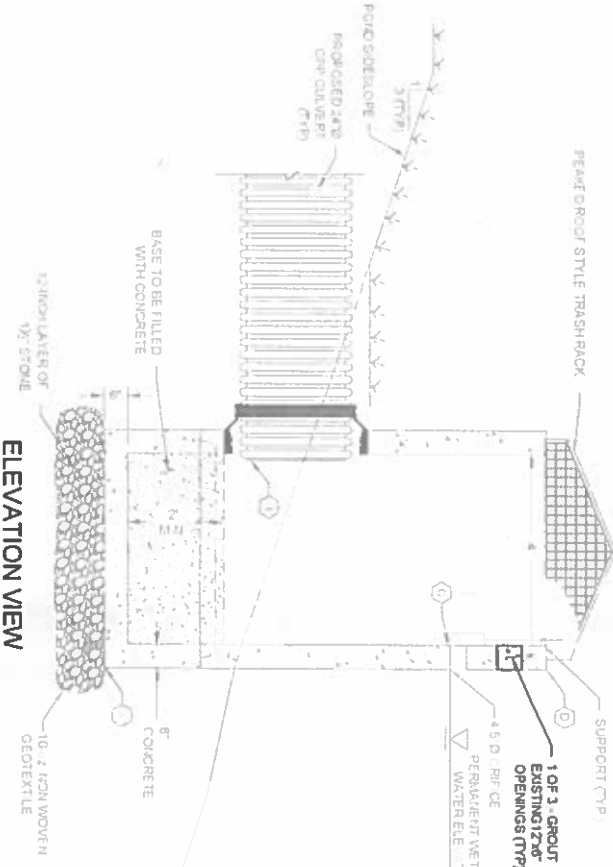


5  
ROAD CROSSING BOX CULVERT

EXISTING BIOTENTION BASIN DISCHARGE STRUCTURE SCHEDULE			
#	CHIT	DESCRIPTION	ORIFICE SIZE
A		BOTTOM OF STRUCTURE	1/4"
B		DISCHARGE CULVERT	24" DIA.
C		ORIFICE	4.5" DIA.
D		FACE OF CONCRETE STRUCTURE	2' x 2'



6  
BIORETENTION BASIN DISCHARGE STRUCTURE DETAIL



FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT ANNE REICHERT OF WASTE MANAGEMENT OF NEW HAMPSHIRE, 30 ROCHESTER NECK ROAD, CONCORD, NH 03301 (603) 230-2140.

ROCHESTER PLANNING BOARD

APPROVAL CERTIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

SANBORN HEAD

SCALE: AS NOTED



NO.	DATE	DESCRIPTION

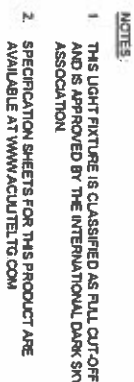
DRAWN BY: L. TEAL  
DESIGNED BY: L. TEAL  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: T. REED  
P.C.: E. STEINHAUSER  
DATE: NOVEMBER 2015

ROCHESTER HAULING COMPANY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

DETAILS

PROJECT NUMBER:  
3534.05

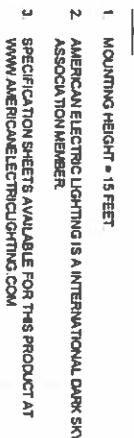
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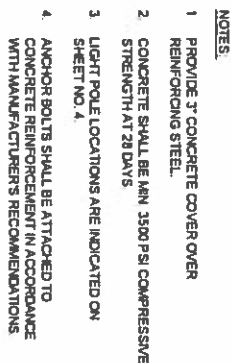
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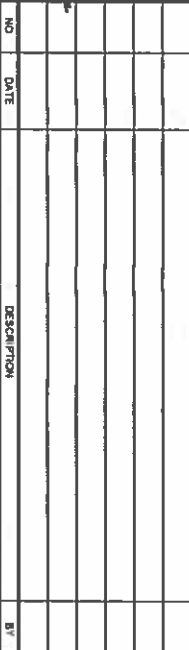
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APPROVAL CERTIFIED BY:  
ROCHESTER PLANNING BOARD

DATE \_\_\_\_\_

SCALE: AS NOTED



WNN BY L TEAL  
 ED BY L TEAL  
 ED BY E STEINHAUSER  
 TMGR: T REED  
 PIC: E STEINHAUSER  
 DATE NOVEMBER 2015

**TER HAULING COMPANY FACILITY  
MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE**

PROJECT NUMBER  
3534.05

GENERAL NOTES

- 1 THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED. THE TERM "STABLE" IS DEFINED AS MEETING ONE OF THE FOLLOWING CRITERIA.
- A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
- B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED.
- C. A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE RIPRAP HAS BEEN INSTALLED, OR
- D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED
- 2 APPLY SEED, LIME, FERTILIZER, AND HAY MULCH TO DISTURBED AREAS. NEWLY-PLACED FILL SLOPES, AND GRASS-LINED SWALES WITHIN SEVEN DAYS OF ACHIEVING FINAL GRADE. HAY MULCH SHALL BE APPLIED AT THE RATE OF 1.5 TO 2 TONS PER ACRE.
- 3 SILT FENCE/HAY BALE EROSION CONTROL STRUCTURES SHALL BE INSTALLED AT THE DISCRETION OF ENGINEER. SILT FENCE SHALL BE INSTALLED ALONG THE CONTOUR AND TOED UPSLOPE. SILT FENCE/HAY BALE BARRIERS ARE TO BE MAINTAINED AND CLEANED UNTIL VEGETATIVE COVER IS ESTABLISHED
- 4 ALL EROSION CONTROLS SUCH AS SILT FENCE SHALL BE INSPECTED WEEKLY DURING THE LIFE OF THE PROJECT AND AFTER EACH STORM EVENT WHICH PRODUCES 0.5 INCHES OF RAINFALL. ALL DAMAGED SILT FENCE SHALL BE REPAIRED PROMPTLY.
- 5 TRACK UP AND DOWN REGRADED SLOPES (GROUSER TRACKS PERPENDICULAR TO THE SLOPE) WITH A BULLDOZER TO LIMIT EROSION.
- 6 REMOVE SEDIMENT BUILD UP FROM BEHIND EROSION AND SEDIMENT CONTROL DEVICES. MAINTAIN TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES UNTIL FULL ESTABLISHMENT OF PERMANENT GROUND COVER.
- 7 DITCHES AND SWALES SHALL BE STABILIZED BEFORE RUNOFF IS DIRECTED TO THEM.
8. ALL ROADWAY AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
9. ALL CUT AND FILL SLOPES SHALL BE SEEDED/LOAMED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
10. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.

SPECIFICATIONS

TOPSOIL AND SEEDING MATERIALS

- A. TOPSOIL SHALL BE FERTILE SOIL CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH, FREE FROM STONES GREATER THAN 3 INCHES, ROOTS, STICKS, PEAT, WEEDS, AND SOD. IT SHALL NOT CONTAIN MATERIAL HARMFUL TO PLANT GROWTH.
- B. FERTILIZER SHALL BE LOW PHOSPHATE AND SLOW RELEASE NITROGEN AND APPLIED UNIFORMALY OVER THE DISTURBED AREA AT A RATE OF ELEVEN (11) POUNDS PER 1,000 SQUARE FEET (500 POUNDS PER ACRE).
- C. GRASS SHALL BE FROM THE SAME OR PREVIOUS YEARS CROP. EACH VARIETY OF SEED SHALL HAVE A PERCENTAGE OF GERMINATION NOT LESS THAN NINETY (90). A PERCENTAGE OF PURITY NOT LESS THAN EIGHTY-FIVE (85), AND SHALL HAVE NOT MORE THAN ONE PERCENT (1%) WEED CONTENT.

GRASS SEED MIX			
MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 SQ. FT.	
TALL FESCUE	20	0.45	
CREeping RED FESCUE	20	0.45	
BIRDFOOT TREFOIL	8	0.20	
TOTAL	48	1.10	

- D. MULCH SHALL CONSIST OF DRY HAY OR STRAW AND BE FREE OF NOXIOUS WEEDS.
- E. APPLICATION OF FERTILIZER, LIME, SEED, AND MULCH SHALL ONLY BE PERFORMED DURING THOSE PERIODS WITHIN THE SEASONS WHICH ARE NORMAL FOR SUCH WORK AS DETERMINED BY THE WEATHER AND LOCALLY ACCEPTED PRACTICE, AND AS APPROVED BY ENGINEER.
- F. ANY PART OF THE SEEDED AREA WHICH FAILS TO YIELD AN ACCEPTABLE STAND OF GRASS AFTER TWO MONTHS AS DETERMINED BY OWNER SHALL BE RETREATED WITH ADDITIONAL SEED, FERTILIZER, AND MULCH.

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT ANNE REICHERT OF WASTE MANAGEMENT OF NEW HAMPSHIRE, 30 ROCHESTER NECK ROAD, CONN., NH 03033, (603) 330-2140.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

SANBORN HEAD

SCALE: AS NOTED



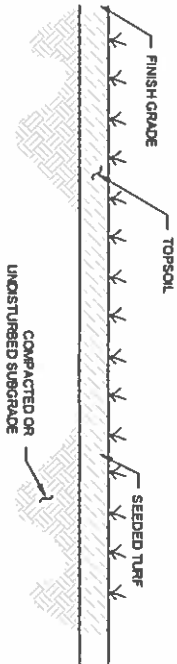
NO.	DATE	DESCRIPTION	BY

DRAWN BY: L. TEAL  
DESIGNED BY: L. TEAL  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: T. REED  
PIC: E. STEINHAUSER  
DATE: NOVEMBER 2015

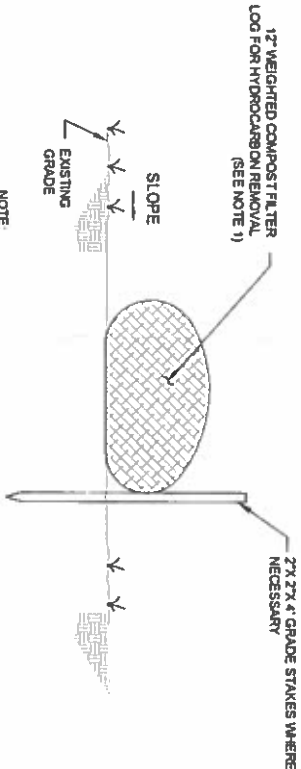
ROCHESTER HAULING COMPANY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

EROSION CONTROL DETAILS

PROJECT NUMBER:  
3534.05  
SHEET NUMBER:  
9 OF 9

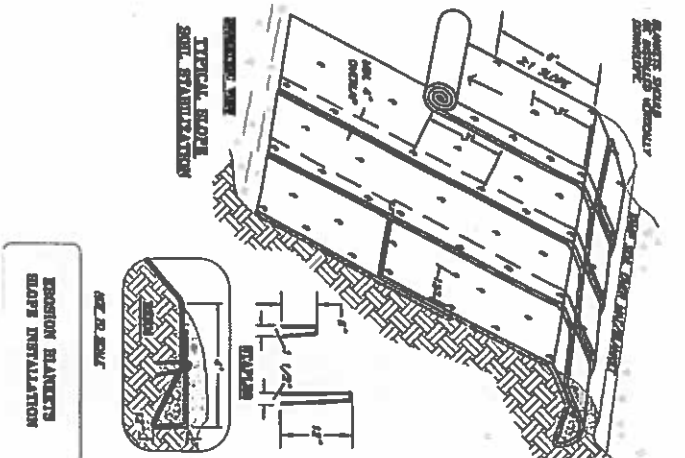


1  
TYPICAL LOAM AND SEED  
NOT TO SCALE



2  
TYPICAL FILTER LOG DETAIL  
NOT TO SCALE

ELEVATION

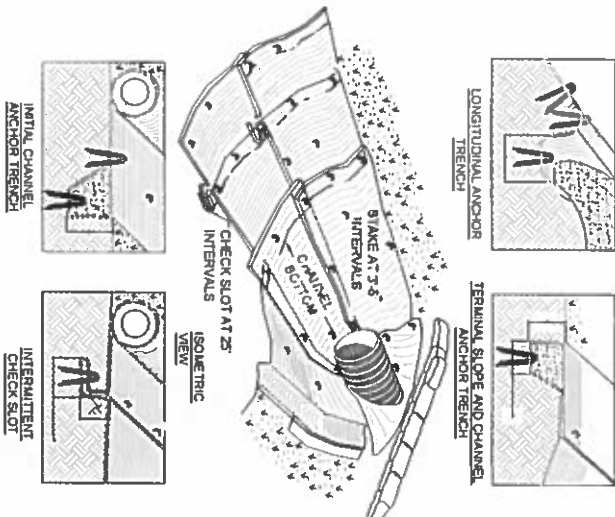


SLOPE INSTALLATION

- NOTES:
- DIMENSIONS GIVEN IN THE DRAWINGS ARE EXAMPLES. DEVICE SHOULD BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
  - SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS MATS. BLANKETS SHALL HAVE GOOD SOIL CONTACT.
  - APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
  - LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

SOURCE:  
1. NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3: EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION, REVISION 1.0, DECEMBER 2008, PAGES 74 AND 75.

3  
EROSION CONTROL BLANKET INSTALLATION  
NOT TO SCALE



CHANNEL INSTALLATION

- NOTES:
- DIMENSIONS GIVEN IN THE DRAWINGS ARE EXAMPLES. DEVICE SHOULD BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
  - CHECK SLOTS TO BE CONSTRUCTED PER MANUFACTURER'S SPECIFICATIONS.
  - STAKING OR STAPLING LAYOUT PER MANUFACTURER'S SPECIFICATIONS.