



RECEIVED

NOV 10 2015

NONRESIDENTIAL SITE PLAN APPLICATION Planning Dept.
City of Rochester, New Hampshire

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

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

Property information

Tax map #: 262; Lot #'s: 23; Zoning district: Recycling Industrial

Property address/location: 36 Rochester Neck Road, Rochester NH

Name of project (if applicable): Heavy Equipment Maintenance Wash Bay Addition

Size of site: 12.05 acres; overlay zoning district(s)? No

Property owner

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

Mailing address: 30 Rochester Neck Road Rochester NH

Telephone #: (603) 330-6126 Email: bmagnusson@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: _____

Page 1 (of 3 pages)

Comments

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

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



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 – Wash Bay Addition 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. (WMNH) is proposing to add a wash bay to its heavy equipment maintenance building located at 36 Rochester Neck Road. The wash bay will allow WMNH to wash its heavy equipment and refuse hauling trucks indoors. This wash bay will replace the existing wash bay being discontinued at the Rochester Hauling Company location. The use of this location is being discontinued as this operation is moving to another location at the TREE facility.

The wash bay will consist of a building addition that will be equipped with an internal sump that will allow for reuse of the water during washing and for the removal of grit and oil. Used wash water will be temporarily stored in an underground tank, which will be periodically, depending on use, pumped to a tanker truck for disposal. The tank will be equipped with level monitoring controls and associated visual and audio warning systems. The following information is being provided as part of the Site Plan Application for this project.

- Applicant's Name:** Waste Management of New Hampshire, Inc. (property owner)
- Property Location:** 36 Rochester Neck Road, Tax Map 262, Lot 23
- Size and Use:** The development will involve modifying the existing metal building to add a 25-foot wide vehicle wash bay to the east side of the heavy equipment maintenance building, and a 30-foot wide by 69-foot long concrete entrance apron. The development is consistent with the existing use of the building.
- Proposed Use:** WMNH is proposing to add a wash bay to its existing heavy equipment maintenance building. The wash bay addition is needed because the building currently housing this capability is scheduled to be demolished to allow for the construction of the next permitted landfill phase at TREE.
- Previous Use:** The parcel is currently used by WMNH as part of its operations at the TREE facility. One building (not being modified) is used as a training facility. The other building (to be modified) is WMNH's heavy equipment maintenance facility.

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. This project represents a change in location of the vehicle washing station on the overall TREE property
- Resulting Employees:** No change to the number of employees is anticipated.
- Hours of Operation:** Normal operating hours shall be 6am to 6pm. No changes in operating hours for other operations at TREE are proposed.
- Off-street Parking:** Employee parking spaces exist near the existing building. There is no increase in employees proposed for this project.
- Proposed Site Changes:** The proposed development includes the following components:
- A 25-foot wide addition to the existing heavy equipment maintenance building;
 - A 10,000-gallon underground storage tank; and
 - A 30-foot wide by 69-foot long concrete entrance apron.
- Property Access:** Access to the facility does not change.

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

Enclosures: Site Plan Application (22 copies)
Narrative (1 Copy)
11" x 17" Drawings (22 copies)
22" x 34" Drawings (3 copies)
Soil Map (1 copy)
Checklist (1 copy)
Application Fee
Abutters List (1 copy)
Boring Logs (1 copy)

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

HEAVY EQUIPMENT MAINTENANCE WASH BAY ADDITION

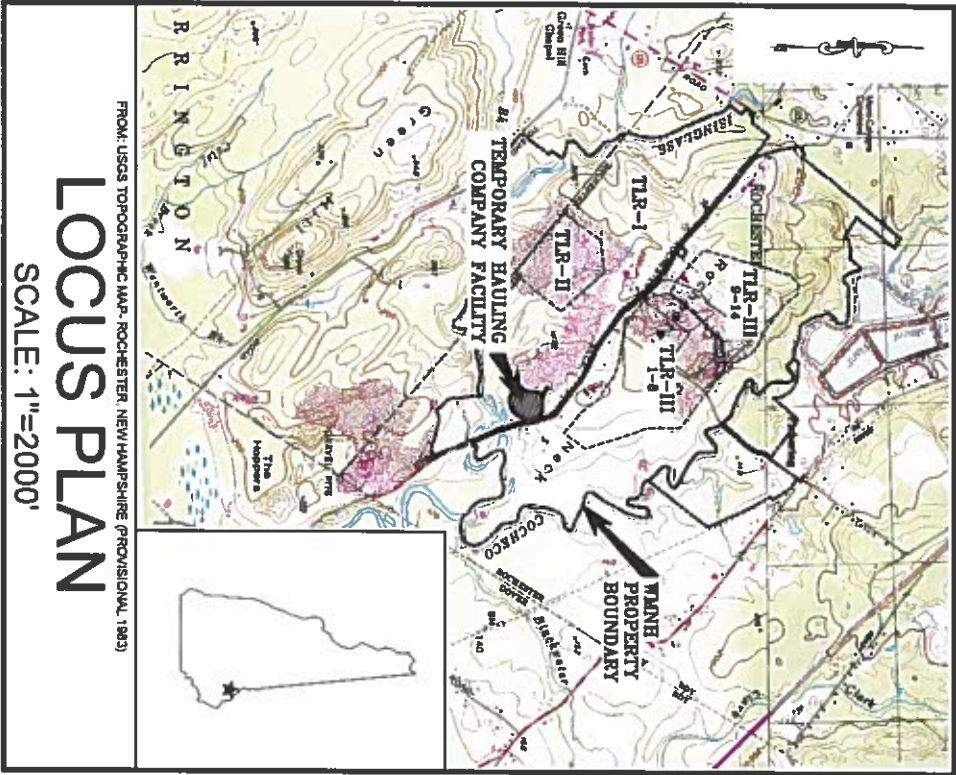
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.

ROCHESTER, NEW HAMPSHIRE
NOVEMBER 2015

RECEIVED
NOV 10 2015
Planning Dept.

SHEET INDEX

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



FROM: USGS TOPOGRAPHIC MAP, ROCHESTER, NEW HAMPSHIRE (PROVISIONAL, 1903)

LOCUS PLAN

SCALE: 1"=2000'

PREPARED FOR:



WASTE MANAGEMENT

WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.

ROCHESTER, NEW HAMPSHIRE

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT ANNE REICHERT @ WASTE MANAGEMENT OF NEW HAMPSHIRE, 30 ROCHESTER NECK ROAD, CONCORD, NH 03309 (603) 330-2140.

ROCHESTER PLANNING BOARD

APPROVAL CERTIFIED BY: _____ DATE: _____

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:

REVISION TABLE

NO.	DATE	DESCRIPTION	BY

SANBORN HEAD

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





4. EXISTING MONITORING WELL AND GAS PROBE LOCATIONS WERE PROVIDED TO SANBORN HEAD BY WYMAN.

-
- LEGEND**
- 10-FOOT ELEVATION CONTOUR
- PROPERTY LINE
- TOWN LINE
- DEWATERED WETLAND
- PHASE LINE
- TREE LINE
- WETLAND AREA
- 100-YEAR FLOOD PLAIN
- LANDFILL GAS MONITORING LOCATION AND DESIGNATION
- MONITORING WELL LOCATION AND DESIGNATION
- ZONING BOUNDARY

OVERALL SITE AND ZONING PLAN

SANBORN HEAD

A graphical scale for the chart, ranging from 0 to 600. The scale is marked at intervals of 200, with major ticks at 0, 200, 400, and 600. The scale is labeled 'GRAPHICAL SCALE' at the top.

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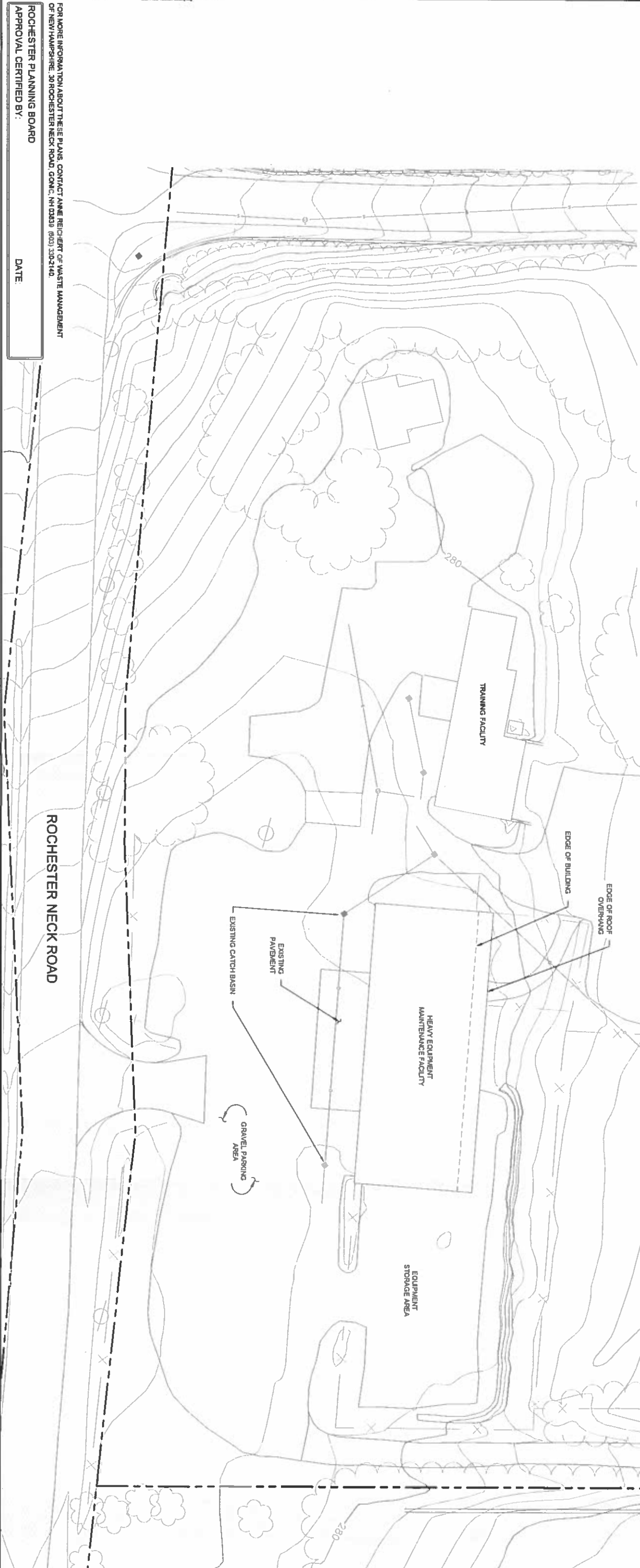
DRAWN BY: L. TEAL
DESIGNED BY: L. TEAL
REVIEWED BY: E. STEINHAUSER
PROJECT MGR: T. REED
PIC: E. STEINHAUSER
DATE: NOVEMBER 2015

PROJECT NUMBER:	3534.05
SHEET NUMBER:	

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, 1500P.DWG" COMPILED USING PHOTOGRAMMETRIC METHODS BY QUANTUM SPATIAL OF DULLES, VIRGINIA FOR WASTE MANAGEMENT OF NEW HAMPSHIRE, INC. (WMNH) USING AERIAL PHOTOGRAPHY DATED MAY 2, 2015. ORIGINAL SCALE OF 1" = 100' AND CONTOUR INTERVAL OF 2 FEET. VERTICAL DATUM IS BASED ON NAVD 1929. 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. EXISTING UTILITIES ARE FROM AS-BUILT DRAWINGS TITLED "WASTE MANAGEMENT OF NEW HAMPSHIRE, INC. TREE HEALTH CARE WASTE FACILITY" PREPARED FOR WASTE MANAGEMENT BY SUR CONSTRUCTION OF ROCHESTER, NH DATED DECEMBER 15, 2011.

- LEGEND:**
- EXISTING 10-FOOT ELEVATION CONTOUR
 - EXISTING 2-FOOT ELEVATION CONTOUR
 - PROPERTY LINE
 - EXISTING UNDERGROUND ELECTRIC CONDUIT
 - OVERHEAD ELECTRIC CONDUIT
 - EXISTING SEWER
 - EXISTING WATER
 - EXISTING GAS
 - EXISTING CATCH BASIN
 - TREE LINE
 - WATER LINE
 - WETLAND AREA
 - EXISTING PAVEMENT



FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT ANNE REICHERT OF WASTE MANAGEMENT OF NEW HAMPSHIRE, 30 ROCHESTER NECK ROAD, GONC, NH 03339 (603) 350-2140.

ROCHESTER PLANNING BOARD

DATE:

ROCHESTER NECK ROAD

SANBORN HEAD



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

HEAVY EQUIPMENT
MAINTENANCE WASH BAY ADDITION
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.
ROCHESTER, NEW HAMPSHIRE

EXISTING CONDITIONS PLAN

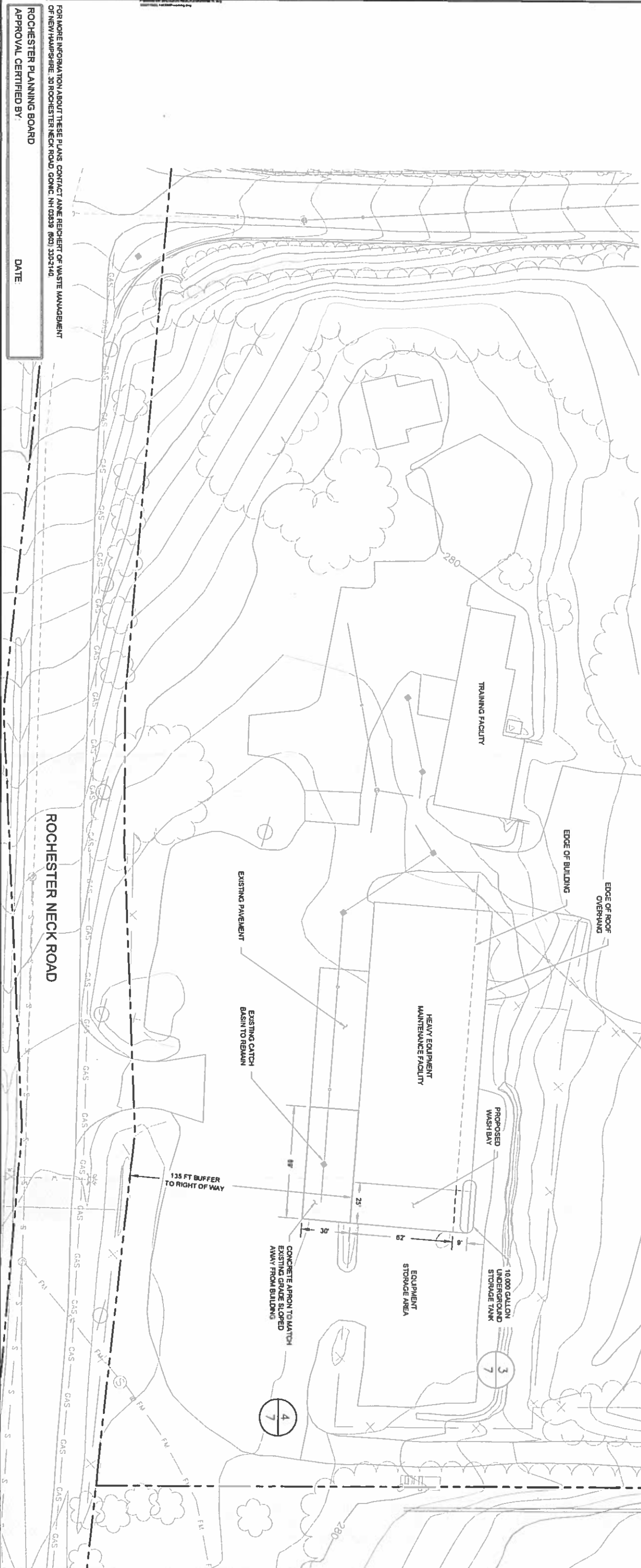
PROJECT NUMBER:
3534.05

SHEET NUMBER:
2 OF 8

PLAN REFERENCE NOTES

- REFER TO SHEET 2 FOR ADDITIONAL NOTES AND LEGEND
- EXISTING TOPOGRAPHY AND SITE FEATURES PROVIDED TO SANBORN HEAD IN AN ELECTRONIC FILE TITLE: TREE 150AMP DWG- COMPILED USING PHOTOGRAMMETRIC METHODS BY QUANTA SPATIAL OF DULLES, VIRGINIA FOR WASTE MANAGEMENT OF NEW HAMPSHIRE, INC. (WMMH) 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.
- 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. WENTH AT VARIOUS TIMES FROM SEPTEMBER OF 2000 UNTIL SEPTEMBER OF 2015. NH CVS #007 IN ACCORDANCE WITH NHMB ADMINISTRATIVE RULE WT 301.01 (A-C) USING THE METHODS OUTLINED IN THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, TECHNICAL REPORT V-87-1 (JANUARY 1987), AND FIELD IDENTIFYING HYDRO SOILS IN NEW ENGLAND (VERSION B) PUBLISHED BY THE NE INTERSTATE WATER POLLUTION CONTROL COMMISSION. WETLAND AREAS WERE SURVEYED BY CHAS. H. SELLS OF WASHULA, NEW HAMPSHIRE. WETLAND AREAS WERE CLASSIFIED IN ACCORDANCE WITH NHMB ADMINISTRATIVE RULE WT 301.02 USING THE USFWS 1983 MANUAL CLASSIFICATION OF WETLANDS AND DEPENDENT HABITATS OF THE UNITED STATES (CONRADSON ET AL. 1979).
- NO DEVELOPMENT IS PROPOSED TO TAKE PLACE IN THE 100-YEAR FLOOD PLAIN.
- NO DISTURBANCE OF WETLANDS IS PROPOSED DEVELOPMENT IS PROPOSED TO TAKE PLACE IN THE 54-FOOT WETLAND BUFFER.
- FILTER LOGS SHALL BE PLACED DOWN GRADIENT OF PARKING AREAS DURING CONSTRUCTION. FILTER LOGS SHALL REMAIN IN PLACE POST-CONSTRUCTION. FILTER LOGS SHALL BE 3/4" TPOX FROM FILTREX NORTH-EAST SYSTEMS OF GORFSTOWN, NH OR EQUIVALENT. SEE DETAIL 2 ON SHEET 9.

- LEGEND
- 160' ——— EXISTING 10-FOOT ELEVATION CONTOUR
 - EXISTING 2-FOOT ELEVATION CONTOUR
 - PROPERTY LINE
 - EXISTING UNDERGROUND ELECTRIC CONDUIT
 - OVERHEAD ELECTRIC CONDUIT
 - EXISTING SEWER
 - EXISTING WATER
 - EXISTING GAS
 - EXISTING CATCH BASIN
 - TREE LINE
 - WATER LINE
 - WETLAND AREA
 - EXISTING PAVEMENT



SANBORN

HEAD

GRAPHICAL SCALE

30' 15' 0' 30' 60'

STATE OF NEW HAMPSHIRE

SEAL

NO. DATE

DESCRIPTION

BY

DRAWN BY: L. TEAL / K. WESTHAVER

DESIGNED BY: L. TEAL

REVIEWED BY: E. STEINHAUSER

PROJECT MGR: T. REED

PIC: E. STEINHAUSER

DATE: NOVEMBER 2015

HEAVY EQUIPMENT MAINTENANCE WASH BAY ADDITION

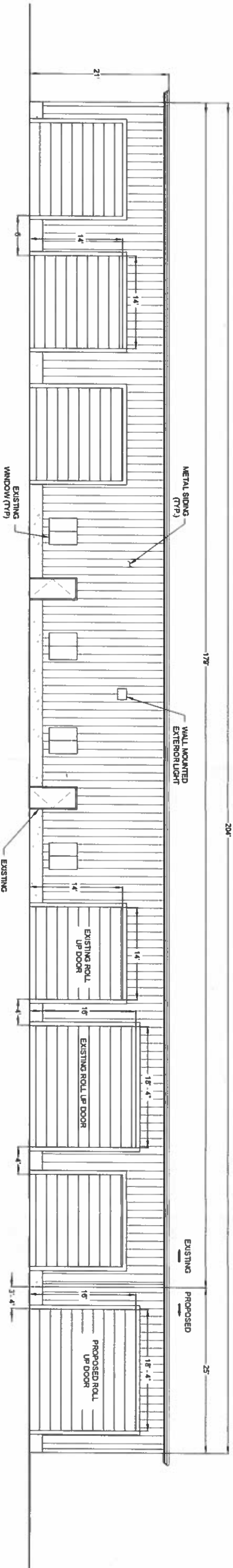
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.

ROCHESTER, NEW HAMPSHIRE

PROJECT NUMBER: 3534.05

SHEET NUMBER: 3 OF 8

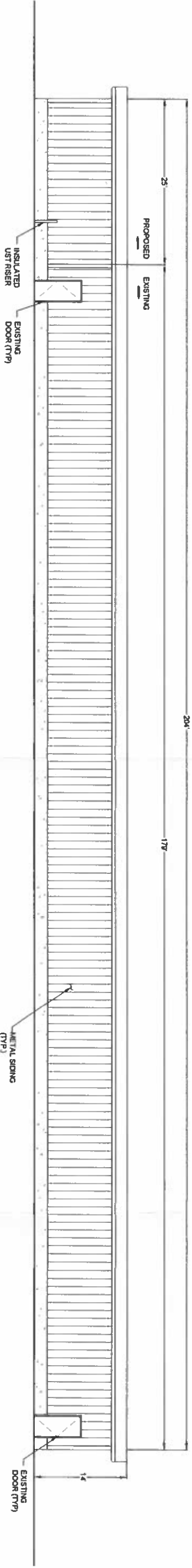
- NOTE:
1. ADDITION TO THE EXISTING PRE-ENGINEERED BUILDING INCLUDING FOUNDATIONS, TO BE PREPARED BY A NEW HAMPSHIRE LICENSED PROFESSIONAL ENGINEER UNDER CONTRACT TO THE CONTRACTOR.
 2. BUILDING MODIFICATIONS ARE TO THE EAST WALL ONLY. REMOVE EXISTING WINDOWS AND RELOCATE EXISTING LIGHTS AND SECURITY CAMERA.



1 SOUTH WALL BUILDING ELEVATION

SCALE: 1" = 8'

BUILDING MODIFICATIONS PROPOSED



1 NORTH WALL BUILDING ELEVATION

SCALE: 1" = 8'

BUILDING MODIFICATIONS PROPOSED

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT ANNE REICHERT OF WASTE MANAGEMENT OF NEW HAMPSHIRE, 30 ROCHESTER NECK ROAD, GONIC, NH 03049 (603) 330-2140.

ROCHESTER PLANNING BOARD

APPROVAL CERTIFIED BY

DATE

SANBORN HEAD

SCALE AS NOTED



NO.	DATE	DESCRIPTION	BY

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

HEAVY EQUIPMENT MAINTENANCE WASH BAY ADDITION WASTE MANAGEMENT OF NEW HAMPSHIRE, INC. ROCHESTER, NEW HAMPSHIRE	PROJECT NUMBER 3534.05 SHEET NUMBER 5 OF 8
-------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

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

DATE _____

SANBORN HEAD

SCALE: AS NOTED

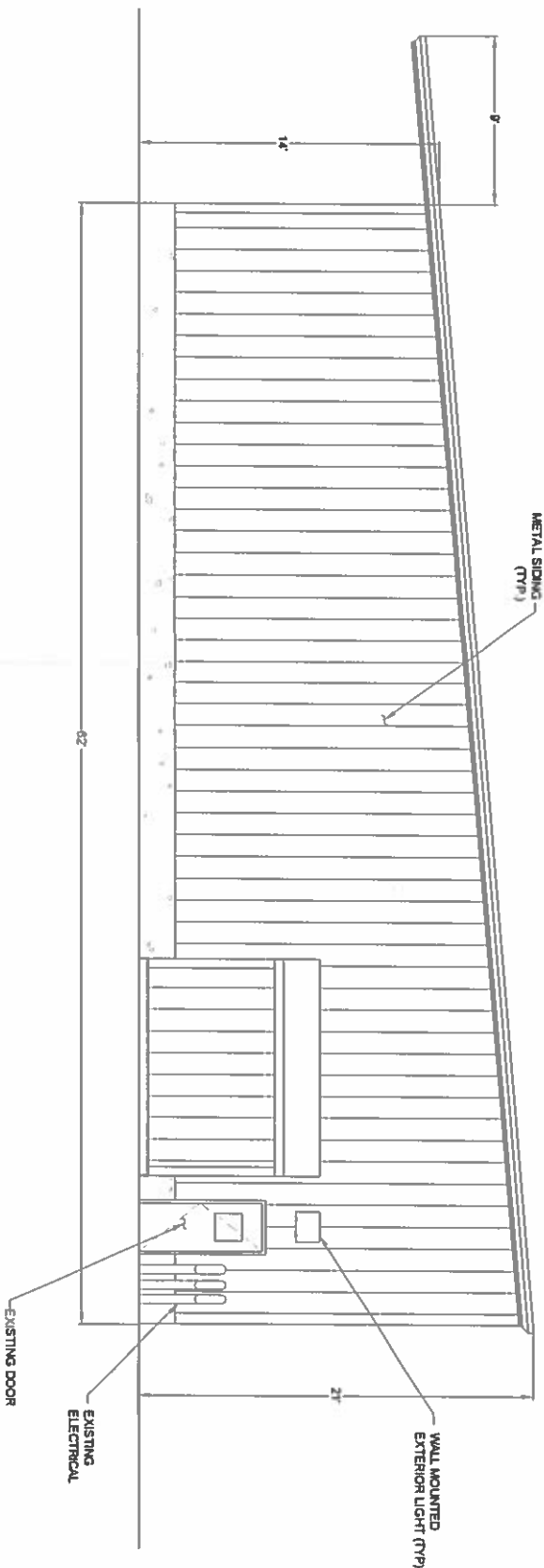
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DRAWN BY: K. WESTHAVER
DESIGNED BY: K. WESTHAVER
REVIEWED BY: E. STEINHAUSER
PROJECT MGR: T. REED
PIC: E. STEINHAUSER
DATE: NOVEMBER 2015

**HEAVY EQUIPMENT
MAINTENANCE WASH BAY ADDITION
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.
ROCHESTER, NEW HAMPSHIRE**

BUILDING ELEVATIONS

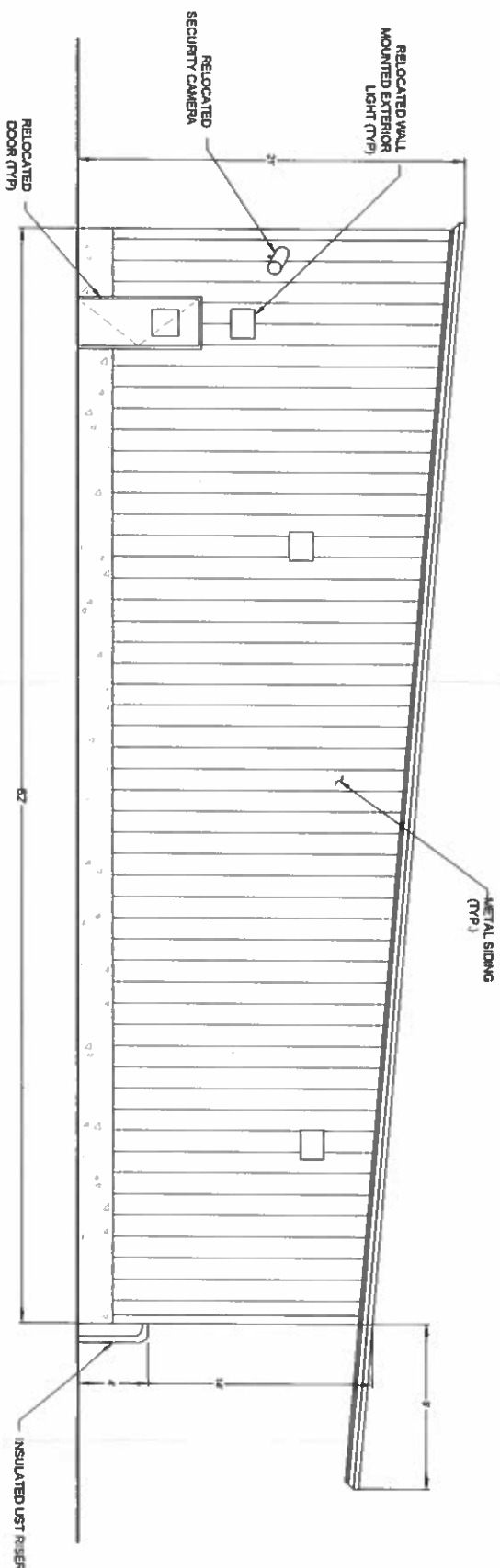
PROJECT NUMBER:	3534.05
SHEET NUMBER	6 OF 8



WEST BUILDING WALL ELEVATION

SCALE T=5

NO BUILDING MODIFICATIONS PROPOSED



EAST BUILDING WALL ELEVATION

SCALE 1 = 5

BUILDING MODIFICATIONS PROPOSED



1

NOT TO SCALE



- 1 UNDERGROUND STORAGE TANK SHALL BE SINGLE WALLED CONSTRUCTED FROM FIBERGLASS OR POLYETHYLENE GLYCOL
- 2 TRANSJUNCTIONS SHALL PROVIDE HIGH AND HIGH-HIGH VISUAL, AND AUDIO ALARMS AS WELL AS ELEVATION REDOUT
- 3 INSIDE TANK, RISERS AND MANNWAY TO BE COATED WITH A 2 COMPONENT, SOLVENT-FREE POLYURETHANE RESIN.
- 4 BALLAST PAD SIZE, ANCHORING, REINFORCEMENT AND CONCRETE MIX TO BE DESIGNED BY AN ENGINEER RETAINED BY THE CONTRACTOR WITH SHOP DRAWINGS SUBMITTED FOR APPROVAL BY THE OWNER BASED ON TANK SYSTEM.

3

NOT TO SCALE

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT ANNE REICHERT OF WASTE MANAGEMENT OF NEW HAMPSHIRE, 30 ROCHESTER NECK ROAD, GONIC, NH 02938 (803) 330-2140.

DATE:

SCALE: AS NOTED



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

**HEAVY EQUIPMENT
MAINTENANCE WASH BAY ADDITION
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC
ROCHESTER, NEW HAMPSHIRE**

DETAILS

PROJECT NUMBER	3534.05
SHEET NUMBER	7 OF 8

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 THE 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/LAMMED 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

1. 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.

2. FERTILIZER SHALL BE LOW PHOSPHATE AND SLOW RELEASE NITROGEN AND APPLIED UNIFORMLY OVER THE DISTURBED AREA AT A RATE OF ELEVEN (11) POUNDS PER 1,000 SQUARE FEET (500 POUNDS PER ACRE).

3. 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.

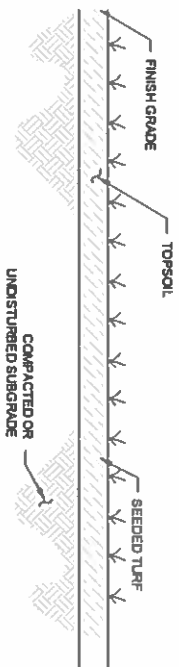
GRASS SEED MIX		
MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 SQ. FT.
TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
BIRDSFOOT TREFOIL	8	0.20
TOTAL	48	1.10

4. MULCH SHALL CONSIST OF DRY HAY OR STRAW AND BE FREE OF NOXIOUS WEEDS.

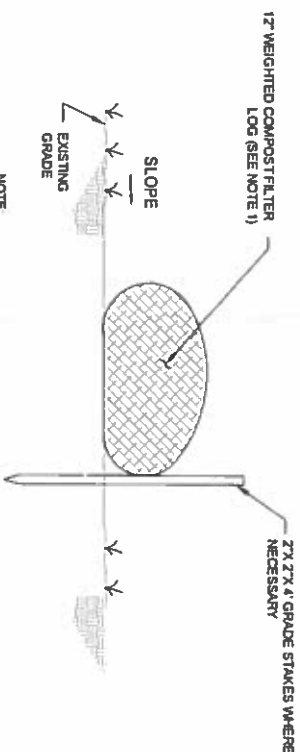
5. APPLICATION OF FERTILIZER, LIME, SEED, AND MULCH SHALL ONLY BE PERFORMED DURING THOSE PERIODS WITHIN THE SEASONS WHICH ARE NORMAL FOR SUCH WORK AS DETERMINED BY THE WEATHER AND LOCALLY ACCEPTED PRACTICE, AND AS APPROVED BY ENGINEER.

6. 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.

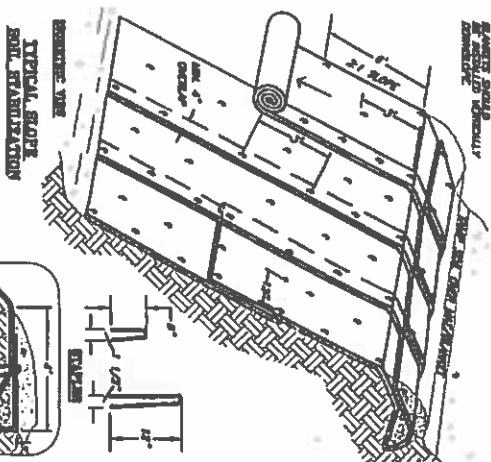
GRASS SEED MIX		
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TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
BIRDsFOOT TREFOIL	8	0.20
TOTAL	48	1.10



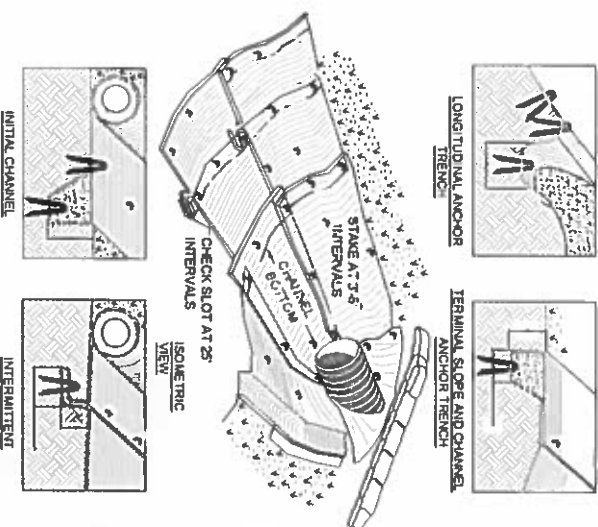
1
NOT TO SCALE



TYPICAL FILTER LOG DETAIL



SLOPE INSTALLATION



CHANNEL INSTALLATION

EROSION CONTROL BLANKET INSTALLATION

APPROVAL CERTIFIED BY

DATE _____

SANBORN HEAD

SCALE: AS NOTED

[illegible]

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

**HEAVY EQUIPMENT
MAINTENANCE WASH BAY ADDITION
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC
ROCHESTER, NEW HAMPSHIRE**

EROSION CONTROL DETAILS

PROJECT NUMBER

3534.05

SHEET NUMBER

8078