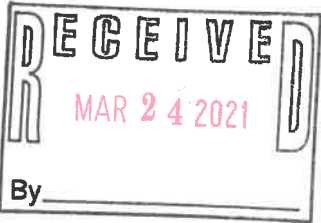
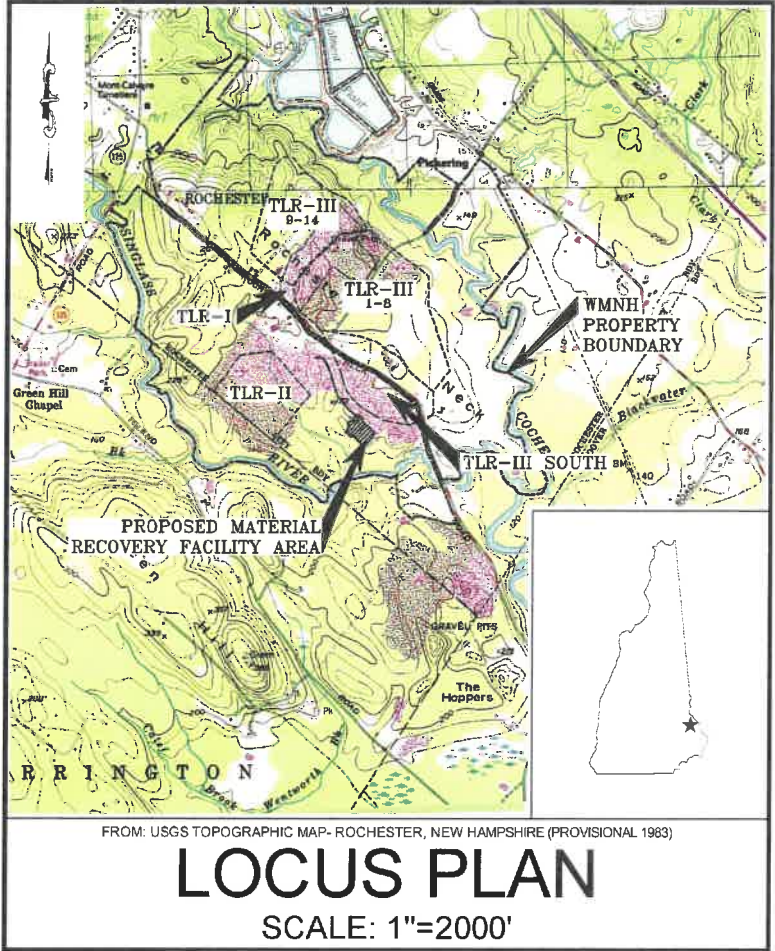


CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE  
OCTOBER 2020

SHEET INDEX

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5	EROSION AND SEDIMENT CONTROL AND DEMOLITION PLAN
6	CIRCULATION, PARKING, AND SIGNAGE PLAN
7	OVERHEAD ELECTRIC AND WATER DISTRIBUTION PLAN AND PROFILE
8	STORMWATER, UTILITIES, AND LIGHTING PLAN
9	EAST STORMWATER BASIN MAINTENANCE PLAN
10	TRUCK SCALE PLAN
11	RETAINING WALL A PLAN AND PROFILE
12	BUILDING FLOOR PLAN
13-14	BUILDING ELEVATIONS
15	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
16-18	STORMWATER INFRASTRUCTURE DETAILS
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20	WATER SUPPLY AND FIRE HYDRANT DETAILS
21-24	MISCELLANEOUS DETAILS, SECTIONS, AND PROFILES
25	POTENTIAL THREATENED OR ENDANGERED SPECIES FLYERS



REVISION TABLE		
NO.	DATE	DESCRIPTION
1	03/19/21	RESPONSE TO SITE PLAN COMMENTS AND FINALIZED BUILDING LAYOUT
2	2/05/21	REVISED TO ADDRESS NH FISH AND GAME COMMENTS
3	11/09/20	ISSUED FOR SITE PLAN APPROVAL
4	11/03/20	ISSUED FOR NHDES PERMITTING
5	10/23/20	ISSUED FOR BIDDING

SUBJECT MAP: 267 LOT: 3

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY: DATE:

THE DEVELOPMENT DEPICTED IN THESE DRAWINGS MUST BE IN COMPLIANCE WITH ALL APPLICABLE LAW-INCLUDING ALL PERTINENT PROVISIONS OF THE "CITY OF ROCHESTER SITE PLAN REGULATIONS"- UNLESS OTHERWISE WAIVED.

SEE THE NATURAL RESOURCES NOTES ON SHEETS 1 AND 5 FOR INFORMATION REGARDING THREATENED AND ENDANGERED WILDLIFE



PREPARED FOR:



WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
14 TAYLOR AVENUE, ROCHESTER, NEW HAMPSHIRE

PREPARED BY:



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

REFERENCE NOTES

- THE EXISTING TOPOGRAPHY AND SITE FEATURES PRESENTED ON THESE DRAWINGS REPRESENT THE ANTICIPATED CONDITIONS AT THE START OF CONSTRUCTION AND ARE BASED ON THE ONGOING TLR-III SOUTH AREA INITIAL CONSTRUCTION PROJECT AND THE RESOURCES LISTED BELOW. THE SITE TOPOGRAPHY AND SITE FEATURES MAY BE DIFFERENT AT THE TIME OF CONSTRUCTION.
- EXISTING TOPOGRAPHY AND SITE FEATURES WERE PROVIDED TO SANBORN HEAD IN ELECTRONIC FILES TITLED, "TREE19-01.DWG" THROUGH "TREE19-12.DWG" COMPILED USING PHOTOGRAMMETRIC METHODS BY QUANTUM SPATIAL OF DULLES, VIRGINIA FOR WASTE MANAGEMENT OF NEW HAMPSHIRE, INC. (WMNH) USING AERIAL PHOTOGRAPHY DATED MAY 25, 2019 AT AN ORIGINAL SCALE OF 1" = 100' AND CONTOUR INTERVAL OF 2 FEET.
- VERTICAL DATUM IS BASED ON NGVD 1925. GRID IS BASED ON NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM NAD 1983.
- WETLANDS ADJACENT TO THE PROJECT AREA WERE DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. IN OCTOBER OF 2019 AND APRIL OF 2020 UTILIZING THE FOLLOWING STANDARDS:
  - REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
  - FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
  - NEW ENGLAND HYDRIC SOILS TECHNICAL COMMITTEE. 2018 VERSION 4, FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND. NEW ENGLAND INTERSTATE WATER POLLUTION CONTROL COMMISSION, LOWELL, MA.
  - NATIONAL WETLAND PLANT LIST, VERSION 3.2 (2016).
  - CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES. USFW MANUAL FWS/OBS-79/31 (1979).
- WETLANDS NOT IMMEDIATELY ADJACENT TO THE PROJECT AREA REPRESENT A COMPILATION OF INFORMATION OBTAINED USING EXISTING AERIAL PHOTOGRAPHY, SOILS INFORMATION, U.S.F.W.S. NATIONAL WETLAND INVENTORY MAPS, AND DELINEATIONS PERFORMED IN OCTOBER AND DECEMBER 2014 AND SUPPLEMENTED WITH ADDITIONAL DELINEATIONS PERFORMED BETWEEN SEPTEMBER 2000 AND JUNE 2015 BY BARRY H. KEITH, NH CWS #087, IN ACCORDANCE WITH NHWB 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 HYDRIC SOILS IN NEW ENGLAND (VERSION II) PUBLISHED BY THE N.E. INTERSTATE WATER POLLUTION CONTROL COMMISSION. WETLAND AREAS WERE CLASSIFIED IN ACCORDANCE WITH NHWB ADMINISTRATIVE RULE WT 301.02 USING THE USFWS/OBS-79/31 MANUAL CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES (COWARDIN ET AL., 1979).
- THE 100-YEAR AND 500-YEAR FLOODPLAINS ARE BASED ON INFORMATION PROVIDED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) "FLOOD INSURANCE RATE MAP, STRAFFORD COUNTY, NEW HAMPSHIRE" PANEL 302 OF 405, LAST REVISED ON SEPTEMBER 30, 2015.
- PROPERTY LINE INFORMATION WAS TAKEN FROM THE FOLLOWING:
  - A PLAN TITLED, "BOUNDARY COMPILATION AND FOOTPRINT COMPILATION OF TLR-I AND TLR-III, ROCHESTER NECK ROAD, ROCHESTER, NEW HAMPSHIRE" PREPARED FOR WASTE MANAGEMENT OF NEW HAMPSHIRE, INC. BY CHAS. H. SELLS, INC. OF NASHUA, NEW HAMPSHIRE DATED JANUARY 29, 2002 AT A SCALE OF 1" = 300'.
  - A PLAN TITLED, "PLAN OF LAND, 36 ROCHESTER NECK ROAD, ROCHESTER, NEW HAMPSHIRE (MAP 262, LOT 23)" PREPARED BY WSP USA, INC. OF NASHUA, NEW HAMPSHIRE DATED OCTOBER 2, 2018 AT A SCALE OF 1" = 80'.
  - ELECTRONIC (AUTOCAD) TAX MAP FILES CREATED BY CAI TECHNOLOGIES OF LITTLETON, NEW HAMPSHIRE.
  - PLANS TITLED "ROCHESTER NECK ROAD DISCONTINUANCE PLAN" AND "ROCHESTER NECK ROAD RELOCATION," BOTH DATED SEPTEMBER 29, 2020, PREPARED FOR WMNH BY WSP USA, INC. OF MERRIMACK, NH.
  - A PLAN TITLED "PROPOSED CONDITIONS PLAN, PARCELS 267-3 & 267-4 LOT LINE REVISION," DATED AUGUST 2020 AND REVISED OCTOBER 2020, PREPARED FOR WMNH BY SANBORN HEAD.
- ZONING INFORMATION IS BASED ON A PLAN TITLED "CITY OF ROCHESTER, ZONING MAP" ADOPTED APRIL 14, 2014 AND LAST AMENDED FEBRUARY 6, 2018.
- THE EXISTING UTILITIES SHOWN ON THESE PLANS DO NOT REPRESENT A COMPLETE COMPILATION OF ALL UTILITIES INSTALLED AT THE SITE. THE CONTRACTOR SHALL COORDINATE WITH WMNH TO REVIEW ALL AS-BUILT DRAWINGS PRIOR TO EXCAVATING. DAMAGE CAUSED TO EXISTING UTILITIES DURING CONSTRUCTION WILL BE REPAIRED PROMPTLY BY THE CONTRACTOR AT NO COST TO WMNH.

DESIGN NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIG SAFE PRIOR TO INITIATING EXCAVATION ACTIVITIES.
- THE CONTRACTOR SHALL COORDINATE WITH WMNH TO REVIEW ALL AS-BUILT DRAWINGS TO LOCATE EXISTING UTILITIES PRIOR TO EXCAVATING. DAMAGE CAUSED TO EXISTING UTILITIES DURING CONSTRUCTION WILL BE REPAIRED PROMPTLY BY THE CONTRACTOR AT NO COST TO WMNH.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS NOT ALREADY OBTAINED BY WMNH.



NATURAL RESOURCES NOTES  
(COMPLIES WITH ENV-WQ 1503.19 (H))

- AVOID TREE CLEARING FROM JUNE 1 TO JUNE 30.
- WELDED PLASTIC OR "BIODEGRADABLE PLASTIC" NETTING OR THREAD (e.g., POLYPROPYLENE) IN EROSION CONTROL MATTING SHALL NOT BE USED. THE USE OF EROSION CONTROL BERM, WHITE FILTREXX DEGRADABLE WOVEN SILT SOCK OR WOVEN ORGANIC MATERIALS (e.g. COCO OR JUTE MATTING SUCH AS NORTH AMERICAN GREEN SC150BN) SHALL BE USED. SEE SHEET 15 FOR DETAILS.
- CONTRACTOR SHALL BE AWARE OF THE POTENTIAL FOR THREATENED AND ENDANGERED SPECIES WITHIN THE PROJECT AREA, SPECIFICALLY THE NORTHERN BLACK RACER SNAKE AND WOOD TURTLES. SEE SHEET 25 FOR ADDITIONAL INFORMATION ON IDENTIFICATION. OBSERVATION OF THESE THREATENED OR ENDANGERED SPECIES SHALL BE REPORTED TO NHFG VIA EMAIL TO RAARP@WILDLIFE.NH.GOV AND MELISSA.DOPERSLSKI@WILDLIFE.NH.GOV. EMAIL SUBJECT LINE ROCHESTER MATERIALS RECOVERY FACILITY NHB20-1358. PHOTOGRAPHS SHALL BE PROVIDED FOR VERIFICATION AS FEASIBLE. NHFG SHALL BE CONTACTED IMMEDIATELY IF ANY SPECIES ARE OBSERVED TO BE NESTING OR MAY POSSIBLY BE NESTING.
- IF ANY THREATENED OR ENDANGERED SPECIES ARE OBSERVED WITHIN THE DISTURBANCE AREA AND IT IS SAFE TO DO SO, MOVE TO THE CLOSEST LOCATION IN THE DIRECTION THEY WERE HEADING AND CONTACT NHFG MELISSA DOPERSLSKI TEXT OR PHONE 603-479-1129 OR CONTACT THE NHFG WILDLIFE ADMINISTRATOR AT 603-271-2461. INCLUDE PHOTOGRAPH AS FEASIBLE.
- NHFG SHALL HAVE ACCESS TO THE PROPERTY DURING THE TERM OF THE PERMIT.
- NO PESTICIDES SHALL BE USED IN LANDSCAPING.

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03667 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE:

CONSTRUCTION SEQUENCE

THE FOLLOWING SCHEDULE IS NOT INTENDED TO PRESENT A DETAILED REPRESENTATION OF THE WORK TO BE PERFORMED BY THE CONTRACTOR. THE FOLLOWING SCHEDULE OUTLINES THE SIGNIFICANT ASPECTS OF THE PROJECT IN AN ORDER THAT SHOULD BE CONSIDERED BY THE CONTRACTOR WHEN SCHEDULING THE WORK. THE ACTUAL SCHEDULE AND ORDER OF WORK SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AND WMNH FOR REVIEW AND APPROVAL. THE SCHEDULE SHALL BE BASED ON THE PROJECT COMPONENTS, AS DEFINED IN THE DRAWINGS AND SPECIFICATIONS AND INTENDED TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.

- MOBILIZE TO SITE AND ESTABLISH VERTICAL AND HORIZONTAL CONTROL FOR THE PROJECT.
- INSTALL EROSION AND SEDIMENT CONTROL MEASURES.
- PERFORM MAINTENANCE ACTIVITIES FOR THE EAST BASIN.
- CLEAR AND GRUB, STRIP AND STOCKPILE TOPSOIL, AND RECLAIM PAVEMENT AND GRAVELS.
- INSTALL WATER MAIN FROM THE TURBINE PLANT.
- CUT EXISTING SOIL AND PLACE SOIL TO ESTABLISH SUBGRADE. CONSTRUCT RETAINING WALLS. INSTALL SUBSURFACE UTILITIES.
- INSTALL GRAVELS AND PAVEMENTS.
- INSTALL SCALE, GUARDRAIL, FENCE, AND LITTER FENCE.
- REMOVE EROSION CONTROLS ONCE SLOPES ARE STABILIZED.
- PREPARE AS-BUILT DRAWINGS.
- DEMOLIBLIZE FROM THE SITE.

ABBREVIATIONS

Ø	DIAMETER	MRF	MATERIALS RECOVERY FACILITY
%	PERCENT	N	NORTHING, NORTH
ASSY	ASSEMBLY	OD	OUTER DIAMETER
CB	CATCH BASIN	OZ/YD	OUNCE PER SQUARE YARD
CMP	CORRUGATED METAL PIPE	PSI	POUNDS PER SQUARE INCH
CPP	CORRUGATED POLYETHYLENE PIPE	PVC	POLYVINYL CHLORIDE
DMH	DRAIN MANHOLE	REQD	REQUIRED
DPW	DEPARTMENT OF PUBLIC WORKS	SCH	SCHEDULE
E	EASTING, EAST	S	SOUTH
EL	ELEVATION	STA	STATION
GA	GAUGE	SQ	SQUARE
HDPE	HIGH DENSITY POLYETHYLENE	SY	SQUARE YARD
INV	INVERT	TLR	TURNKEY LANDFILL OF ROCHESTER
MAX	MAXIMUM	TYP	TYPICAL
MIN	MINIMUM	W	WEST

LEGEND

EXISTING CONDITIONS

-----	LIMIT OF WASTE CONTAINMENT
-----	PROPERTY LINE
.....	TLR-I LIMIT OF WASTE CONTAINMENT
-----	2-FOOT ELEVATION CONTOUR
-----	10-FOOT ELEVATION CONTOUR
-----	EDGE OF ROAD
-----	UNPAVED ROAD
-----	LIMIT OF WETLANDS
-----	EDGE OF WATER
- x - x - x -	FENCE
~~~~~	TREE LINE
-----	GUARDRAIL
-----	NATURAL GAS LINE
-----	OVERHEAD ELECTRIC
-----	DRAINAGE CULVERT
-----	WETLAND AREA
-----	RIPRAP-LINED SWALE
-----	PAVEMENT
-----	UTILITY POLE
-----	POST
-----	MISC. OBJECT
-----	SIGN
-----	LIGHT POST
-----	TREE/BUSH

PROPOSED CONDITIONS

-----	LIMIT OF DISTURBANCE
-----	SLOPE BREAK
-----	2-FOOT ELEVATION CONTOUR
-----	10-FOOT ELEVATION CONTOUR
-----	EDGE OF GRAVEL
- □ - □ - □ - □ - □ -	SEDIMENT FILTER LOG
-----	GUARDRAIL
- x - x - x - x - x -	FENCE
-----	WATER MAIN
-----	OVERHEAD ELECTRIC (BY OTHERS)
-----	UNDERGROUND ELECTRIC
-----	DRAINAGE CULVERT
-----	LITTER FENCE
-----	FIBER OPTICS CABLE
~~~~~	TREE LINE
-----	DRAINAGE CULVERT DESIGNATION
-----	PAVEMENT
-----	RIPRAP
-----	LIGHT
-----	SLOPE AND DIRECTION
-----	SPOT ELEVATION



SCALE: AS NOTED



NO.	DATE	DESCRIPTION	BY
1	2/05/21	REVISED TO ADDRESS NH FISH AND GAME COMMENTS	DJD
2	1/10/20	ISSUED FOR SITE PLAN APPROVAL	APM
3	11/03/20	ISSUED FOR NHDES PERMITTING	APM
4	10/23/20	ISSUED FOR BIDDING	APM

DRAWN BY: D. DOMBROWSKY  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

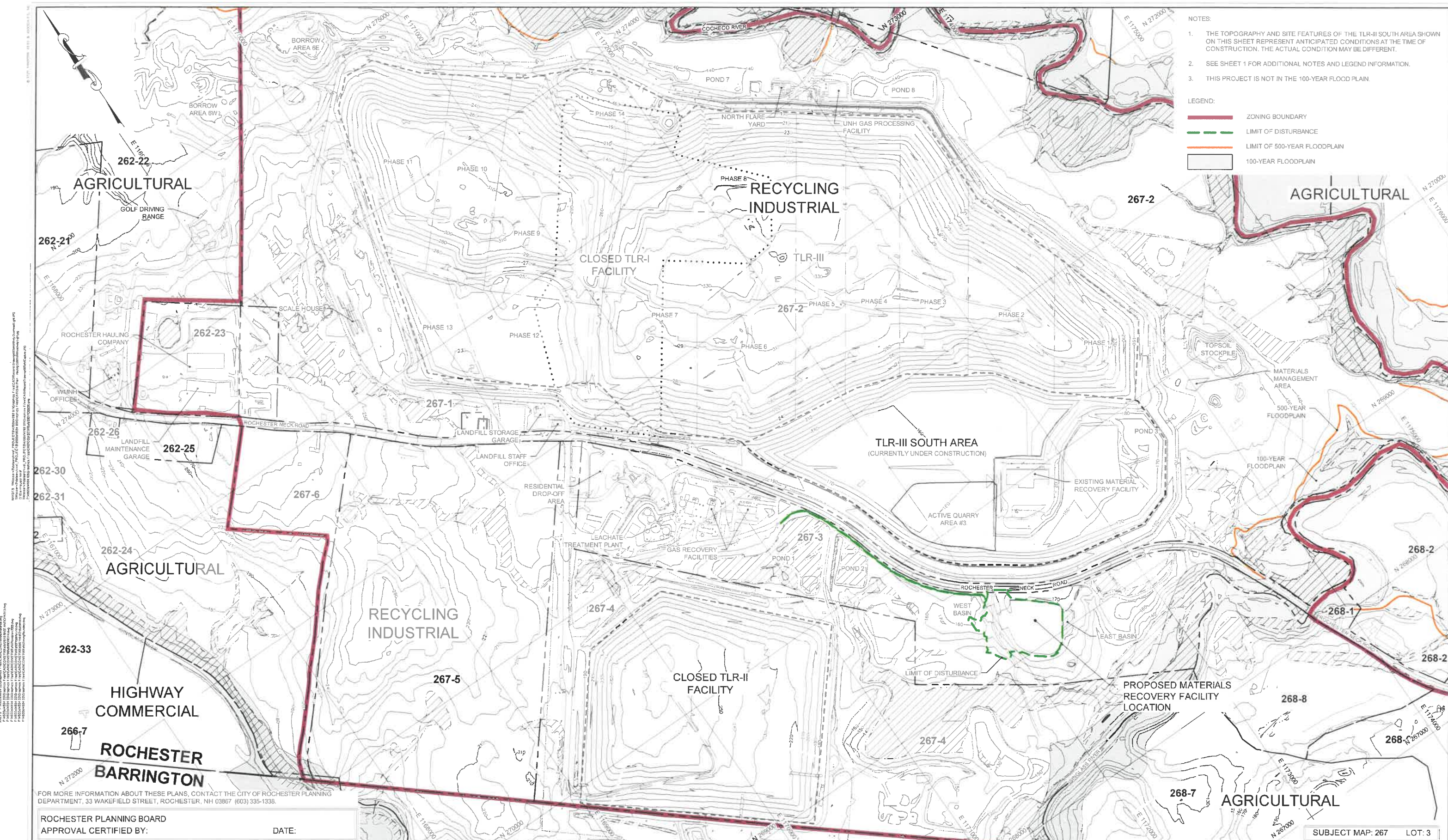
CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

PROJECT NUMBER:  
4694.00

NOTES, ABBREVIATIONS, AND LEGEND

SHEET NUMBER:  
1 OF 25

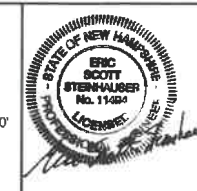
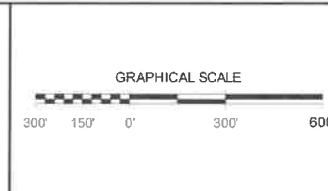




- NOTES:
1. THE TOPOGRAPHY AND SITE FEATURES OF THE TLR-III SOUTH AREA SHOWN ON THIS SHEET REPRESENT ANTICIPATED CONDITIONS AT THE TIME OF CONSTRUCTION. THE ACTUAL CONDITION MAY BE DIFFERENT.
  2. SEE SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION.
  3. THIS PROJECT IS NOT IN THE 100-YEAR FLOOD PLAIN.
- LEGEND:
- ZONING BOUNDARY
  - - - LIMIT OF DISTURBANCE
  - - - LIMIT OF 500-YEAR FLOODPLAIN
  - 100-YEAR FLOODPLAIN

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

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



NO.	DATE	DESCRIPTION	BY
1	11/09/20	ISSUED FOR SITE PLAN APPROVAL	APM
2	11/03/20	ISSUED FOR NH DES PERMITTING	APM
3	10/23/20	ISSUED FOR BIDDING	APM

DRAWN BY: D. DOMBROWSKY  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

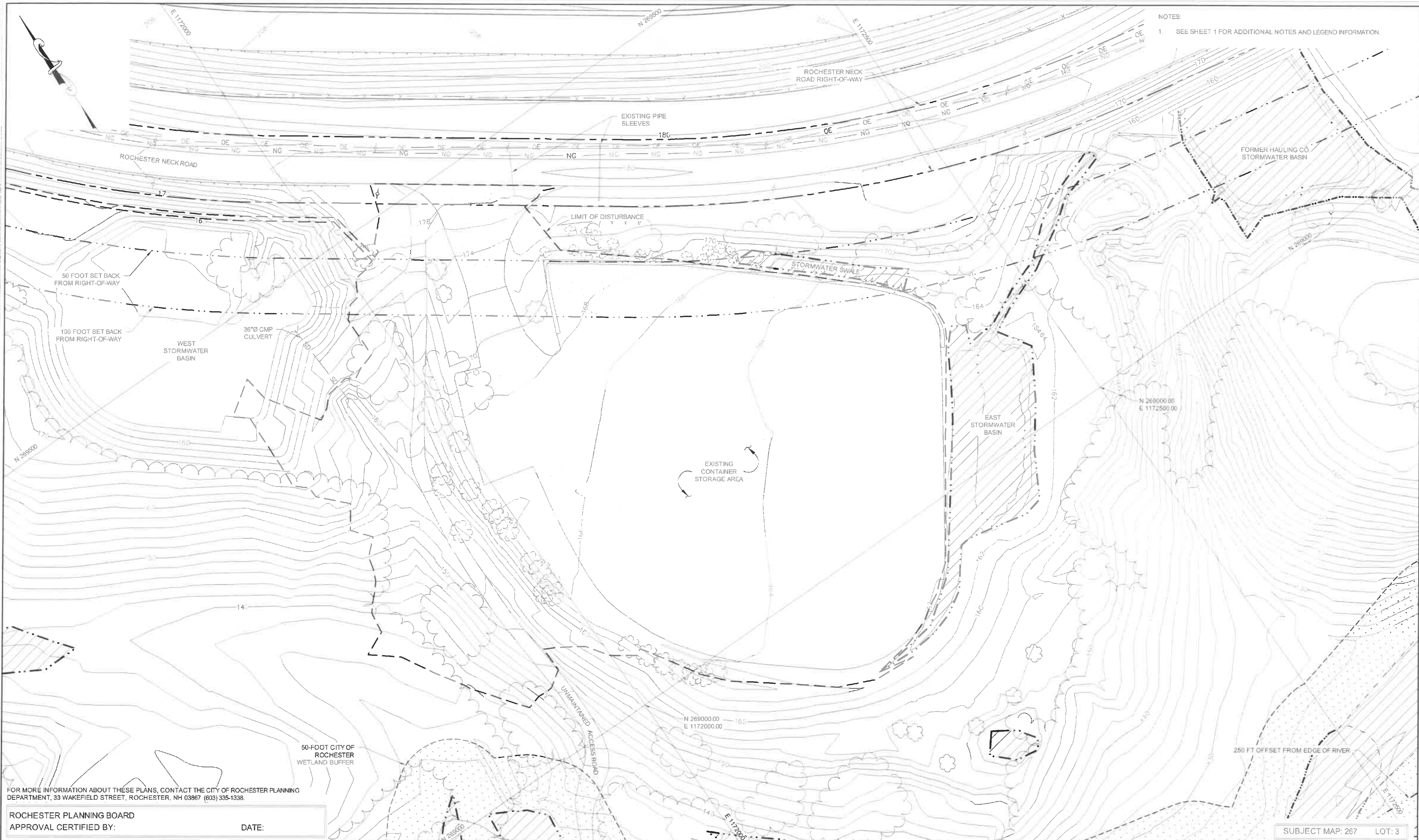
CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

OVERALL SITE PLAN

PROJECT NUMBER:  
4694.00

SHEET NUMBER:  
2 OF 25





NOTES:  
1. SEE SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION.

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

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

SUBJECT MAP: 267 LOT: 3

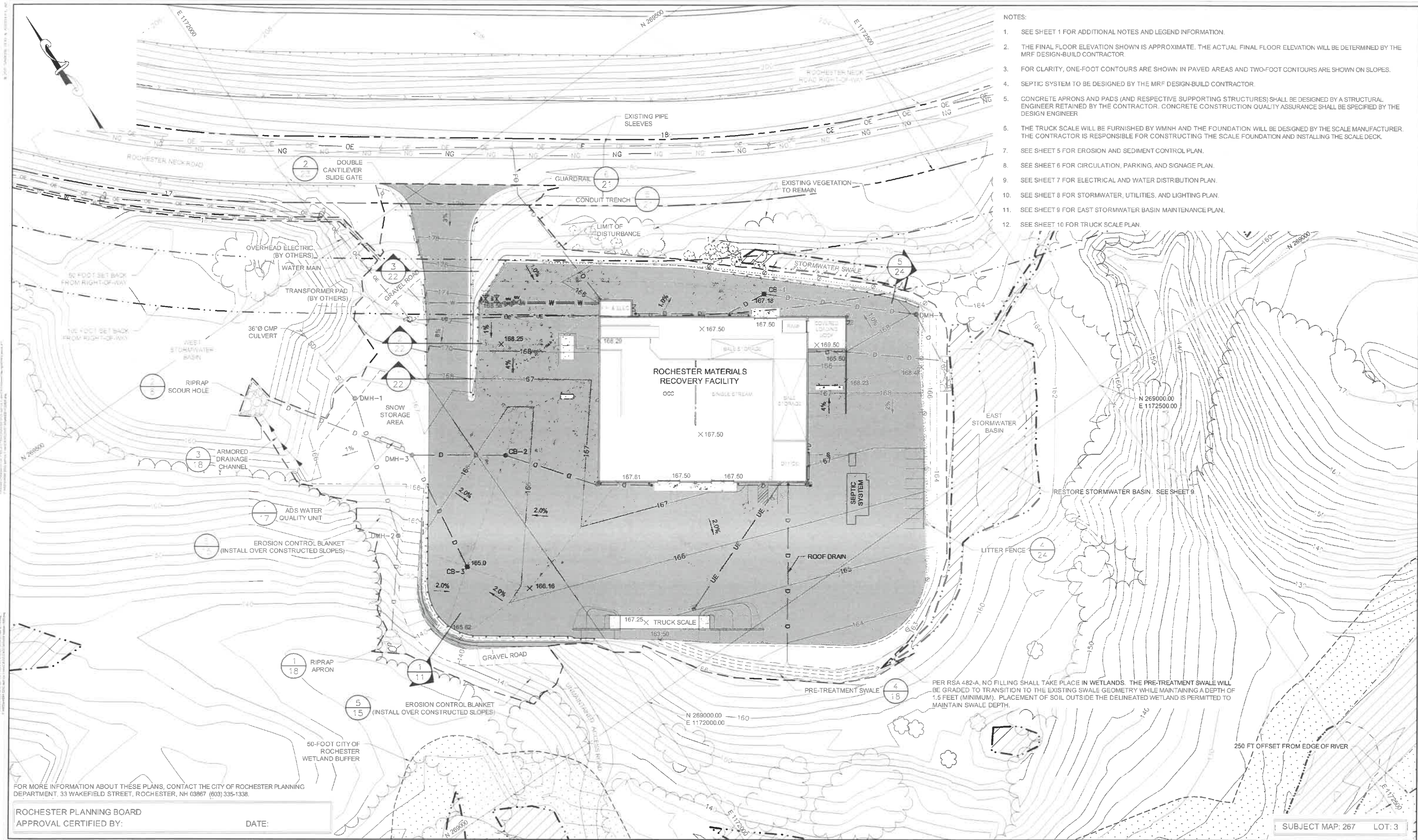


NO.	DATE	DESCRIPTION	BY
1	1/08/20	ISSUED FOR SITE PLAN APPROVAL	APM
2	1/03/20	ISSUED FOR NHDES PERMITTING	APM
3	10/23/20	ISSUED FOR BIDDING	APM

DRAWN BY: D. DOMBROWSKY  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS ROCHESTER MATERIALS RECOVERY FACILITY WASTE MANAGEMENT OF NEW HAMPSHIRE, INC. ROCHESTER, NEW HAMPSHIRE	PROJECT NUMBER: 4694.00
EXISTING CONDITIONS PLAN	SHEET NUMBER: 3 OF 25





- NOTES:
1. SEE SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION.
  2. THE FINAL FLOOR ELEVATION SHOWN IS APPROXIMATE. THE ACTUAL FINAL FLOOR ELEVATION WILL BE DETERMINED BY THE MRF DESIGN-BUILD CONTRACTOR.
  3. FOR CLARITY, ONE-FOOT CONTOURS ARE SHOWN IN PAVED AREAS AND TWO-FOOT CONTOURS ARE SHOWN ON SLOPES.
  4. SEPTIC SYSTEM TO BE DESIGNED BY THE MRF DESIGN-BUILD CONTRACTOR.
  5. CONCRETE APRONS AND PADS (AND RESPECTIVE SUPPORTING STRUCTURES) SHALL BE DESIGNED BY A STRUCTURAL ENGINEER RETAINED BY THE CONTRACTOR. CONCRETE CONSTRUCTION QUALITY ASSURANCE SHALL BE SPECIFIED BY THE DESIGN ENGINEER.
  6. THE TRUCK SCALE WILL BE FURNISHED BY WMNH AND THE FOUNDATION WILL BE DESIGNED BY THE SCALE MANUFACTURER. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE SCALE FOUNDATION AND INSTALLING THE SCALE DECK.
  7. SEE SHEET 5 FOR EROSION AND SEDIMENT CONTROL PLAN.
  8. SEE SHEET 6 FOR CIRCULATION, PARKING, AND SIGNAGE PLAN.
  9. SEE SHEET 7 FOR ELECTRICAL AND WATER DISTRIBUTION PLAN.
  10. SEE SHEET 8 FOR STORMWATER, UTILITIES, AND LIGHTING PLAN.
  11. SEE SHEET 9 FOR EAST STORMWATER BASIN MAINTENANCE PLAN.
  12. SEE SHEET 10 FOR TRUCK SCALE PLAN.

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03667 (603) 335-1338.

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

PER RSA 482-A, NO FILLING SHALL TAKE PLACE IN WETLANDS. THE PRE-TREATMENT SWALE WILL BE GRADED TO TRANSITION TO THE EXISTING SWALE GEOMETRY WHILE MAINTAINING A DEPTH OF 1.5 FEET (MINIMUM). PLACEMENT OF SOIL OUTSIDE THE DELINEATED WETLAND IS PERMITTED TO MAINTAIN SWALE DEPTH.

250 FT OFFSET FROM EDGE OF RIVER

SUBJECT MAP: 267 LOT: 3

**SANBORN HEAD**



NO.	DATE	DESCRIPTION	BY
1	11/09/20	ISSUED FOR SITE PLAN APPROVAL	APM
2	11/03/20	ISSUED FOR NHDES PERMITTING	APM
3	10/23/20	ISSUED FOR BIDDING	APM

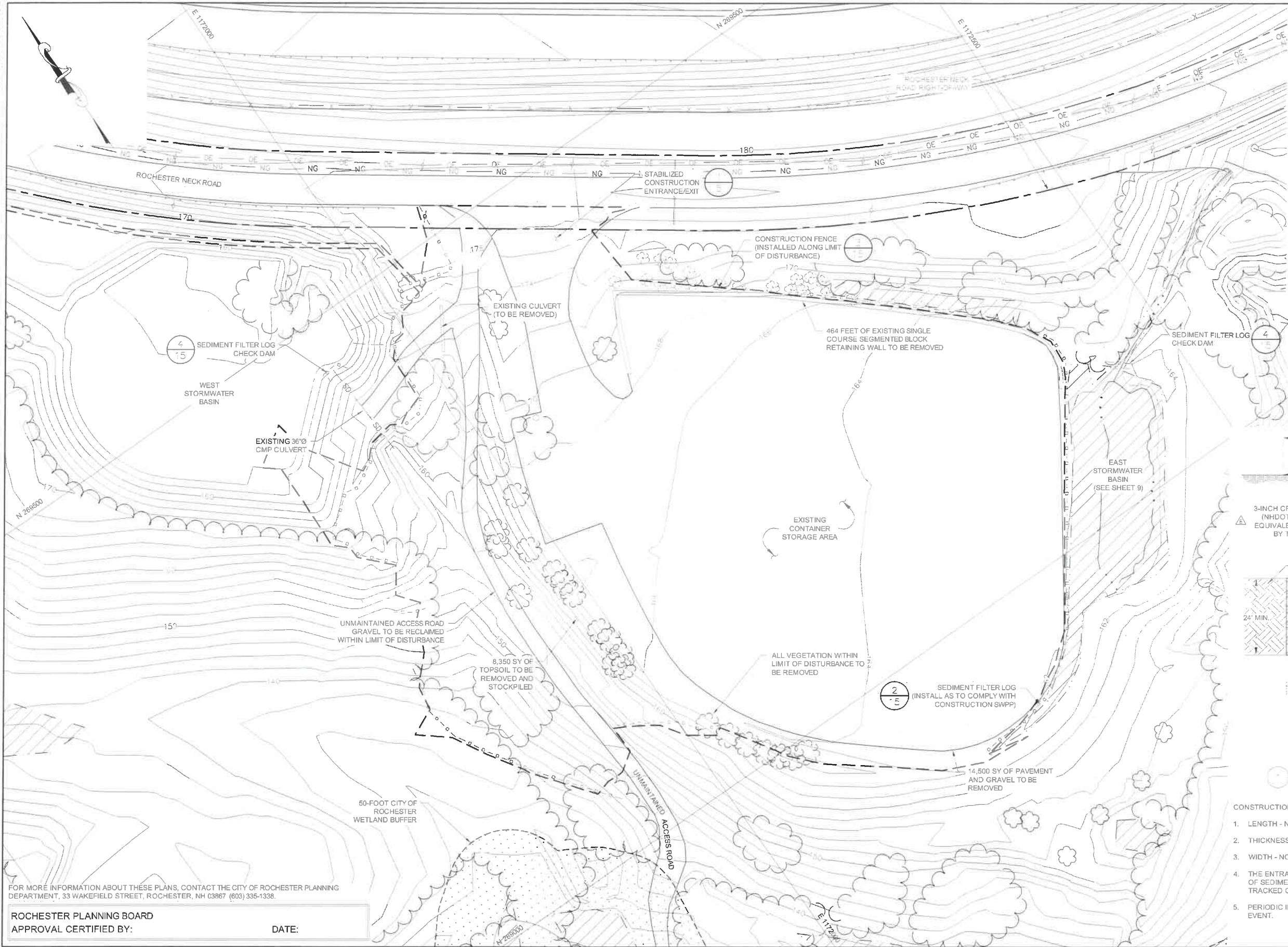
DRAWN BY: A. MATTHEWS  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

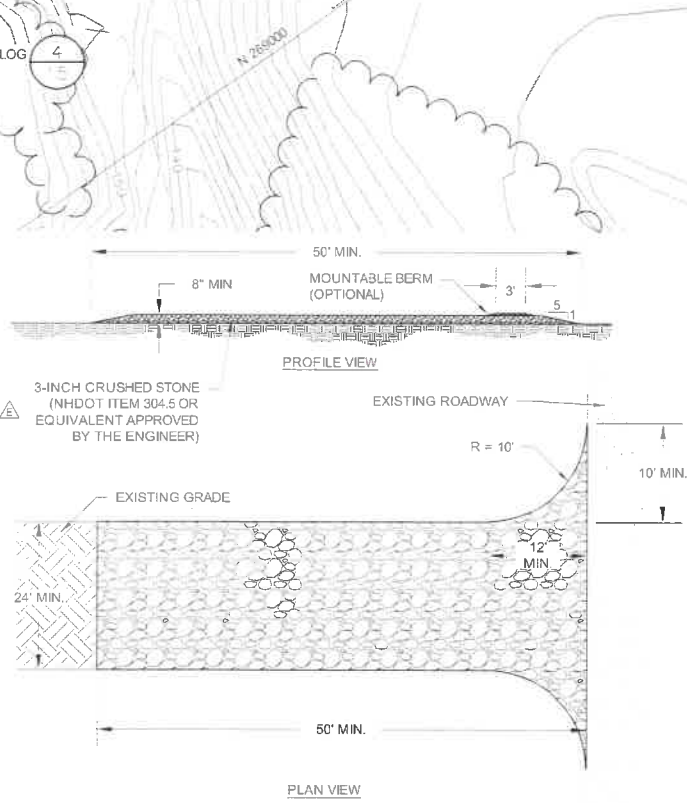
**SITE DEVELOPMENT PLAN**

PROJECT NUMBER:  
**4694.00**  
SHEET NUMBER:  
**4 OF 25**





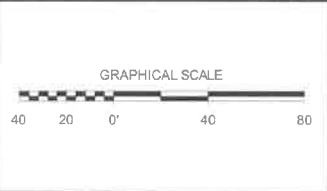
- NOTE:
- SEE SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION.
- NATURAL RESOURCES NOTES:
- AVOID TREE CLEARING FROM JUNE 1 TO JUNE 30.
  - WELDED PLASTIC OR "BIODEGRADABLE PLASTIC" NETTING OR THREAD (e.g., POLYPROPYLENE) IN EROSION CONTROL MATTING SHALL NOT BE USED. SEE SHEET 15 FOR DETAILS AND SPECIFICATIONS.
  - CONTRACTOR SHALL BE AWARE OF THE POTENTIAL FOR THREATENED AND ENDANGERED SPECIES WITHIN THE PROJECT AREA, SPECIFICALLY THE NORTHERN BLACK RACER SNAKE AND WOOD TURTLES. SEE SHEET 25 FOR ADDITIONAL INFORMATION ON IDENTIFICATION. OBSERVATION OF THESE THREATENED OR ENDANGERED SPECIES SHALL BE REPORTED TO NHFG VIA EMAIL TO RAARP@WILDLIFE.NH.GOV AND MELISSA.DOPERSLSKI@WILDLIFE.NH.GOV. EMAIL SUBJECT LINE ROCHESTER MATERIALS RECOVERY FACILITY NHB20-1358. PHOTOGRAPHS SHALL BE PROVIDED FOR VERIFICATION AS FEASIBLE. NHFG SHALL BE CONTACTED IMMEDIATELY IF ANY SPECIES ARE OBSERVED TO BE NESTING OR MAY POSSIBLY BE NESTING.
  - IF ANY THREATENED OR ENDANGERED SPECIES ARE OBSERVED WITHIN THE DISTURBANCE AREA AND IT IS SAFE TO DO SO, MOVE TO THE CLOSEST LOCATION IN THE DIRECTION THE WERE HEADING AND CONTACT NHFG MELISSA.DOPERSLSKI TEXT OR PHONE 603-479-1129 OR CONTACT THE NHFG WILDLIFE ADMINISTRATOR AT 603-271-2461. INCLUDE PHOTOGRAPH AS FEASIBLE.
  - NHFG SHALL HAVE ACCESS TO THE PROPERTY DURING THE TERM OF THE PERMIT.



- STABILIZED CONSTRUCTION ENTRANCE (TYPICAL)
- NOT TO SCALE
- CONSTRUCTION ENTRANCE NOTES:
- LENGTH - NOT LESS THAN 50'.
  - THICKNESS - NOT LESS THAN 8'.
  - WIDTH - NOT LESS THAN 24'.
  - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL LIMIT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED.
  - PERIODIC INSPECTION, AND MAINTENANCE IF REQUIRED, SHALL BE PROVIDED AFTER EACH RAIN EVENT.
- SUBJECT MAP: 267 LOT: 3

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03667 (603) 336-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY: DATE:



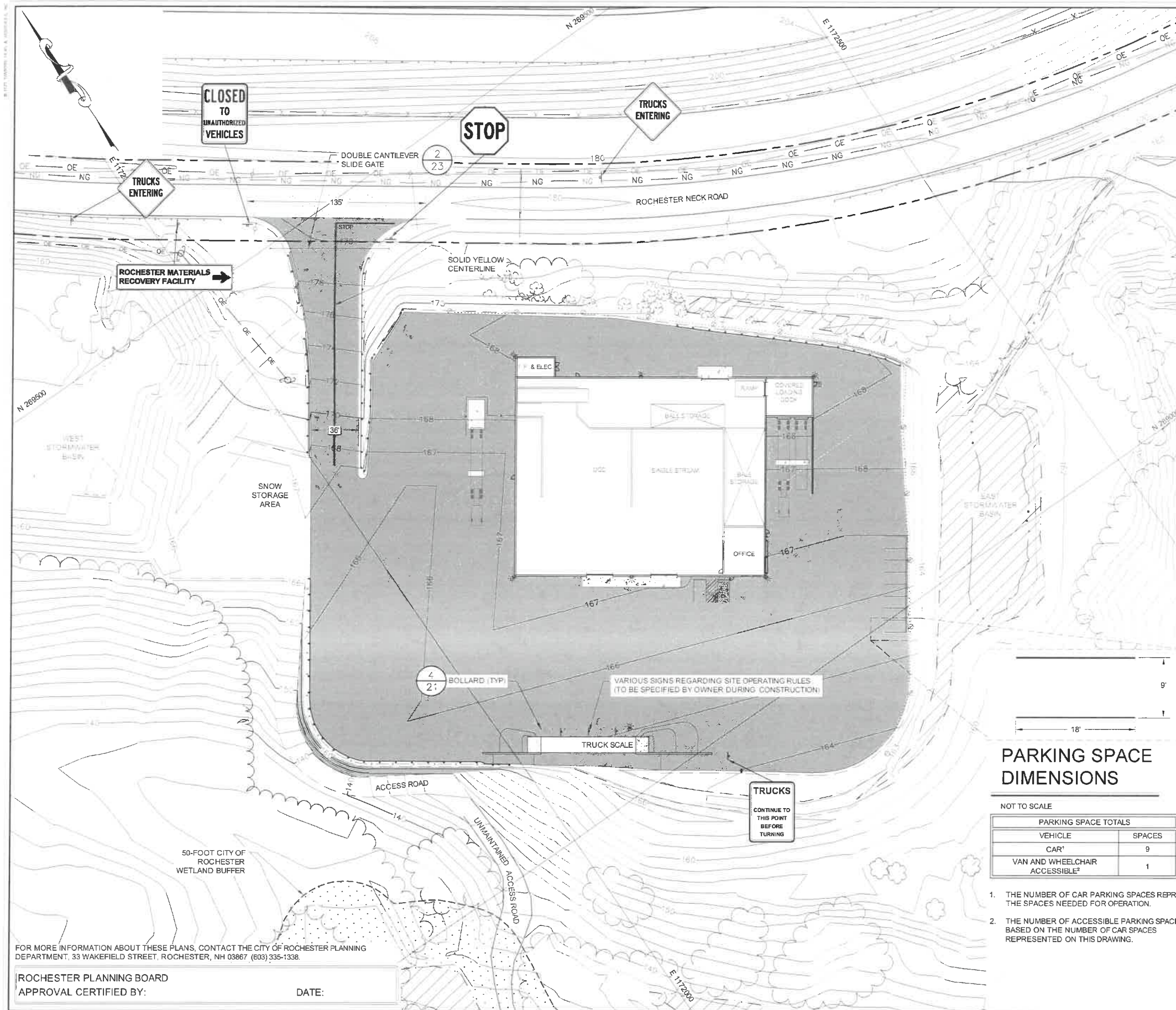
NO.	DATE	DESCRIPTION	BY
1	03/19/21	RESPONSE TO SITE PLAN COMMENTS.	LCT
2	02/05/21	REVISED TO ADDRESS NH FISH AND GAME COMMENTS.	DJD
3	11/09/20	ISSUED FOR SITE PLAN APPROVAL.	APM
4	11/03/20	ISSUED FOR NHDES PERMITTING.	APM
5	10/23/20	ISSUED FOR BIDDING.	APM

DRAWN BY: A. MATTHEWS  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE  
**EROSION AND SEDIMENT  
CONTROL AND DEMOLITION PLAN**

PROJECT NUMBER:  
**4694.00**  
SHEET NUMBER:  
**5 OF 25**





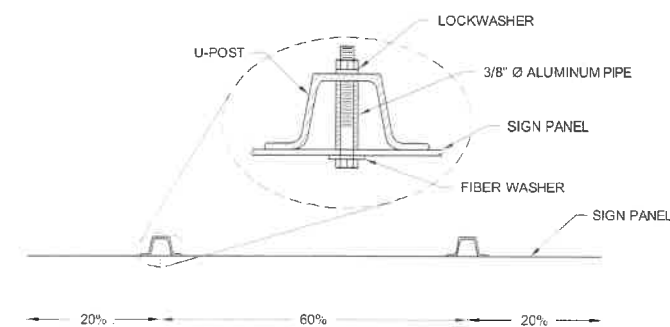
NEW SIGNAGE SCHEDULE								
MUTCD ID NUMBER	NUMBER OF SIGNS REQUIRED	WIDTH (INCHES)	HEIGHT (INCHES)	TEXT	LETTER HEIGHT (INCHES)	ARROW LENGTH (INCHES)	VERTICAL DISTANCE BETWEEN ROAD SURFACE AND BOTTOM OF SIGN (FT)	NUMBER OF POSTS
R1-1	1	30	30	STOP	10C	---	5"	1
W14-B3	2	36	36	TRUCKS ENTERING	6D	---	5"	1
R5-10B1	1	18	24	CLOSED TO UNAUTHORIZED VEHICLES	4D	---	5	1
---	1	48	12	ROCHESTER MATERIALS RECOVERY FACILITY	4D	---	5	1
---	1	18	24	TRUCKS	4D	---	5	

SIGNAGE NOTES:

\* ARROW DESIGN SHALL CONFORM TO THE DETAILS DIMENSIONS PROVIDED IN THE "STANDARD HIGHWAY SIGN MANUAL," 2004 EDITION, PAGE 6-2, FOR A 2.5-INCH WIDE ARROW SHAFT.

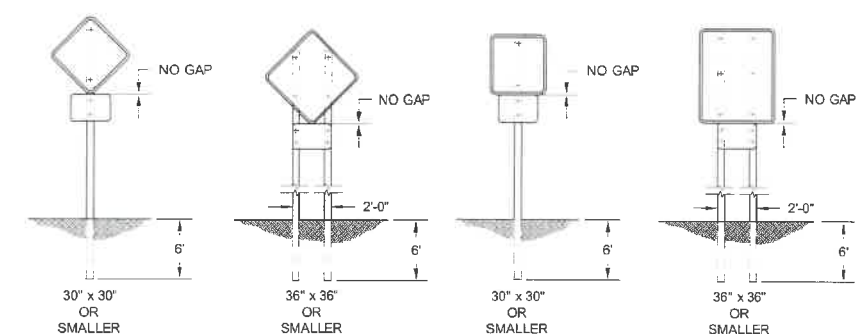
\*\* WHEN SIGNS SHARE A SUPPORT, INSTALL SIGNS SUCH THAT THERE IS NO GAP BETWEEN SIGNS, AND THE VERTICAL DISTANCE RELATES TO THE TOP SIGN

- PAINT NOTES:
- THE PAINT FOR CENTERLINE SHALL CONSIST OF NH 4 12 READY-MIXED YELLOW TRAFFIC PAINT AS DEFINED IN SECTION 708 OF NHDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
  - THE PAINT FOR STOP LINES SHALL CONSIST OF NH 4 11 READY-MIXED WHITE TRAFFIC PAINT AS DEFINED IN SECTION 708 OF THE NHDOT STANDARD SPECIFICATIONS.



### STEEL U-POST SPACING

NOT TO SCALE



### SIGN VERTICAL DIMENSIONS

NOT TO SCALE

SUBJECT MAP: 267 LOT: 3

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03667 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE:

SANBORN HEAD

GRAPHICAL SCALE  
40' 20' 0' 40' 80'



NO.	DATE	DESCRIPTION	BY
1	11/08/20	ISSUED FOR SITE PLAN APPROVAL	APM
2	11/03/20	ISSUED FOR NHDOS PERMITTING	APM
3	10/23/20	ISSUED FOR BIDDING	APM

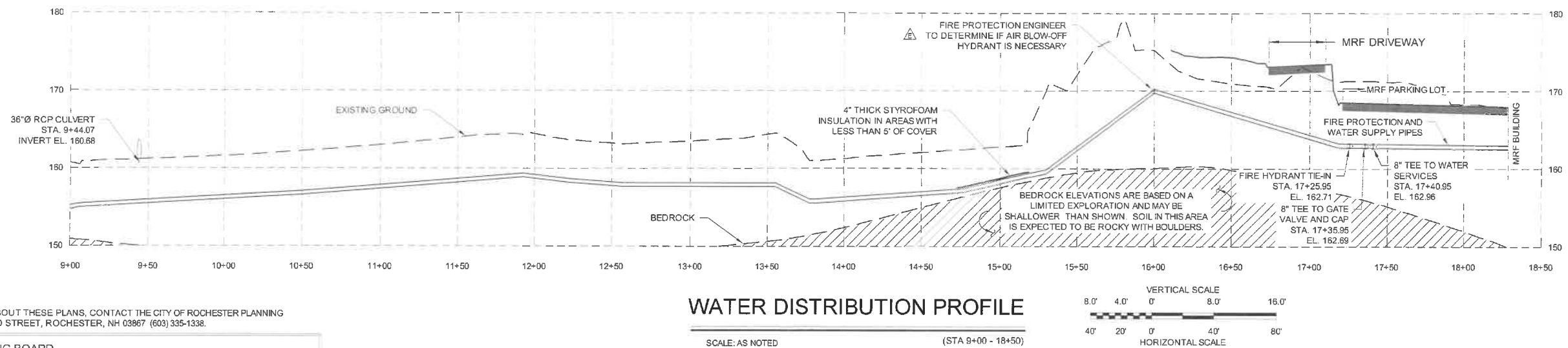
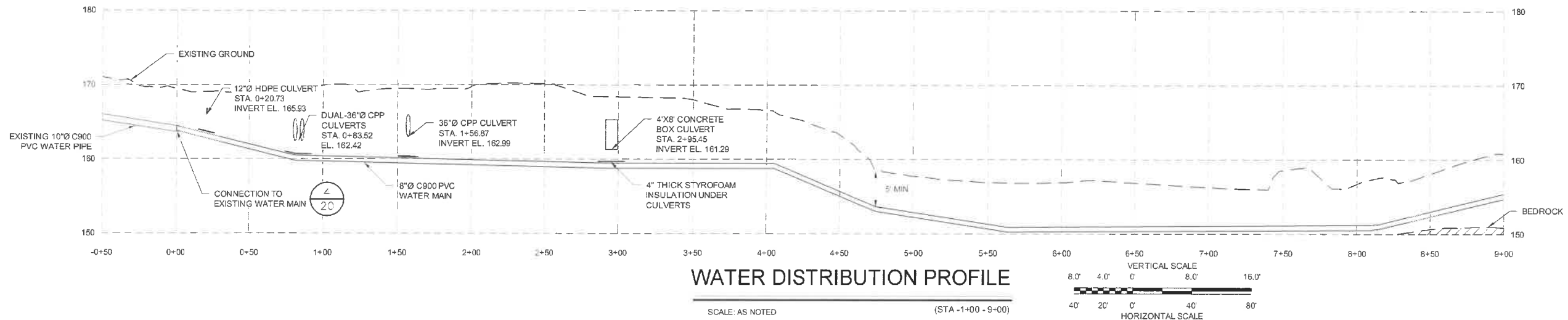
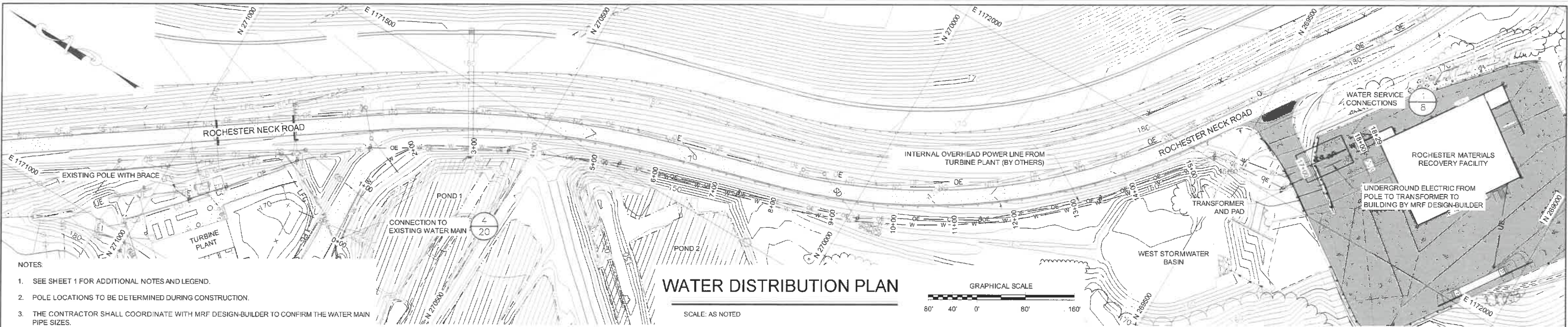
DRAWN BY: A. MATTHEWS  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

CIRCULATION, PARKING, AND  
SIGNAGE PLAN

PROJECT NUMBER:  
4694.00  
SHEET NUMBER:  
6 OF 25





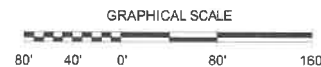
FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE:

SUBJECT MAP: 267 LOT: 3

**SANBORN HEAD**



NO.	DATE	DESCRIPTION	BY
1	03/19/21	RESPONSE TO SITE PLAN COMMENTS.	LCT
2	11/09/20	ISSUED FOR SITE PLAN APPROVAL	APM
3	11/03/20	ISSUED FOR NHDES PERMITTING.	APM
4	10/23/20	ISSUED FOR BIDDING.	APM

DRAWN BY: L. TEAL  
DESIGNED BY: L. TEAL  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

**OVERHEAD ELECTRIC AND WATER  
DISTRIBUTION PLAN AND PROFILE**

PROJECT NUMBER:  
**4694.00**

SHEET NUMBER:  
**7 OF 25**



# PROPOSED DRAINAGE STRUCTURES

DMH-1  
RIM = 166.50  
INV IN (N)(WEST BASIN CULVERT) = 156.00  
INV OUT (S)(C1) = 155.80  
BOTTOM = 155.80

DMH-2  
RIM = 156.25  
INV IN (N)(C1) = 150.35  
INV OUT (S)(C2) = 145.50  
BOTTOM = 145.50

DMH-4  
RIM = 168.00  
INV IN (N.W.) (C6) = 163.64  
INV OUT (SE)(EAST BASIN) = 163.44  
SUMP = 163.44

DMH-3  
RIM = 186.50  
INV IN (S.E)(C3) = 161.20  
INV IN (S)(C4) = 161.20  
INV OUT (N)(C5) = 161.00  
BOTTOM = 157.00

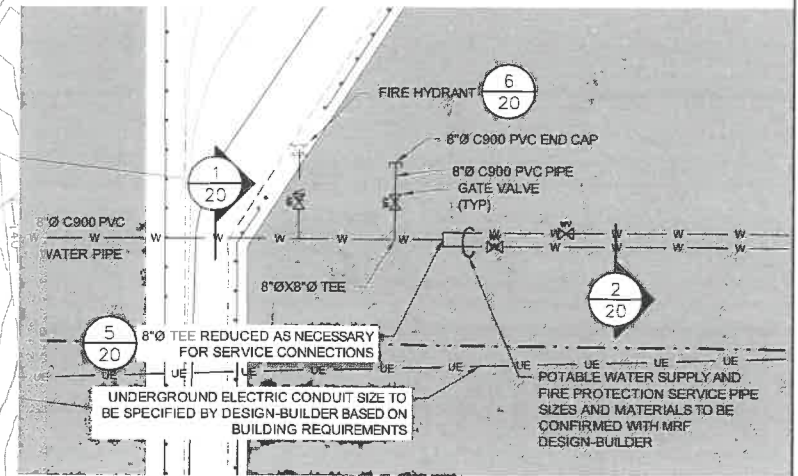
CB-1  
GRATE = 167.18  
INV IN (W) (RD3) = 165.00  
INV OUT (SE)(C6) = 164.80  
BOTTOM = 160.80

CB-2  
GRATE = 165.56  
INV IN (S) (RD5) = 162.00  
INV OUT (NW)(C3) = 162.00  
BOTTOM = 158.00

CB-3  
GRATE = 165.00  
INV OUT (N)(C4) = 162.30  
BOTTOM = 158.30

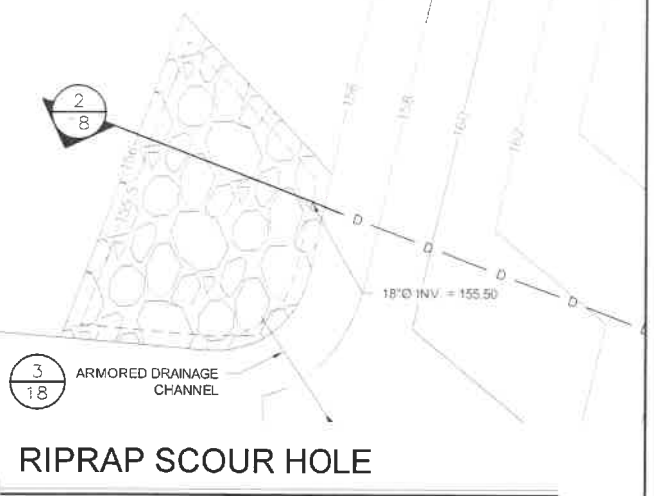
## NOTES:

- SEE SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION.
- FOR CLARITY, ONE-FOOT CONTOURS ARE SHOWN IN PAVED AREAS AND TWO-FOOT CONTOURS ARE SHOWN ON SLOPES.
- SEE SHEET 19 FOR A DETAILED ROOF DRAIN PLAN AND DETAILS.
- ADS WATER QUALITY UNIT SHALL BE MODEL 3620WQA18 BY ADVANCED DRAINAGE SYSTEMS, INC. AND SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
- TRANSFORMER TO BE PROVIDED BY WMNH.
- CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING TRANSFORMER PAD AND CONDUIT TRENCHING AND BACKFILLING FROM THE LAST POLE (MAX 25 FEET FROM TRANSFORMER) TO THE TRANSFORMER AND FROM THE TRANSFORMER TO THE BUILDING. CONTRACTOR TO COORDINATE WITH DESIGN-BUILDER FOR CONDUIT ALIGNMENTS.
- DESIGN-BUILDER RESPONSIBLE FOR FURNISHING THE TRANSFORMER PAD, INSTALLING CONDUIT AND CONDUCTORS, AND ALL ELECTRICAL CONNECTIONS FROM THE LAST POLE TO THE BUILDING.



## WATER SERVICE CONNECTIONS

1" = 10'



## RIPRAP SCOUR HOLE

1" = 10'

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE:

SUBJECT MAP: 267 LOT: 3

SANBORN HEAD

GRAPHICAL SCALE  
40' 20' 0' 40' 80'



NO.	DATE	DESCRIPTION	BY
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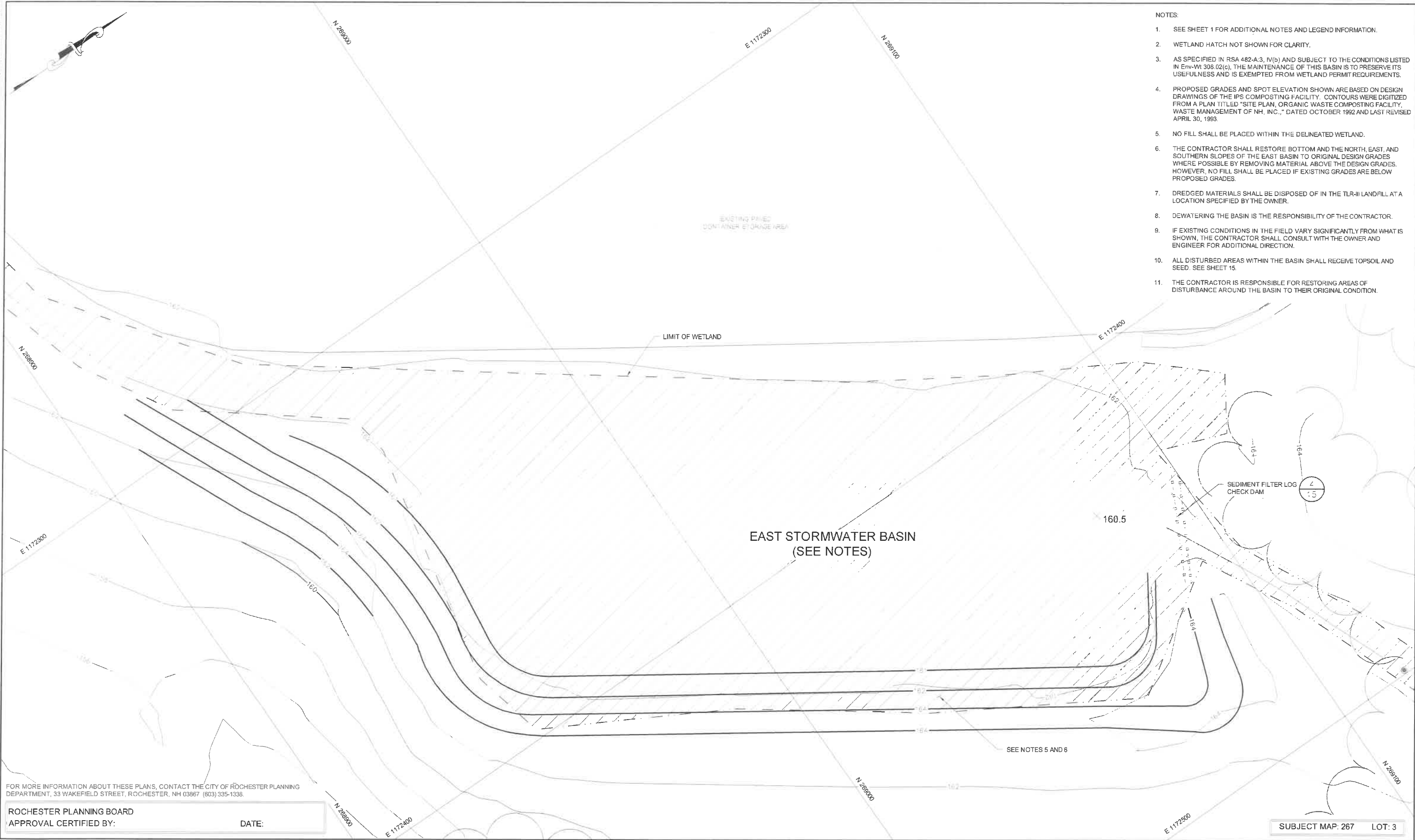
DRAWN BY: A. MATTHEWS / L. TEAL  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE  
STORMWATER, UTILITIES, AND  
LIGHTING PLAN

PROJECT NUMBER:  
4694.00  
SHEET NUMBER:  
8 OF 25



- NOTES:
- SEE SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION.
  - WETLAND HATCH NOT SHOWN FOR CLARITY.
  - AS SPECIFIED IN RSA 482-A:3, IV(b) AND SUBJECT TO THE CONDITIONS LISTED IN Env-Wt 308.02(c), THE MAINTENANCE OF THIS BASIN IS TO PRESERVE ITS USEFULNESS AND IS EXEMPTED FROM WETLAND PERMIT REQUIREMENTS.
  - PROPOSED GRADES AND SPOT ELEVATION SHOWN ARE BASED ON DESIGN DRAWINGS OF THE IPS COMPOSTING FACILITY. CONTOURS WERE DIGITIZED FROM A PLAN TITLED "SITE PLAN, ORGANIC WASTE COMPOSTING FACILITY, WASTE MANAGEMENT OF NH, INC.," DATED OCTOBER 1992 AND LAST REVISED APRIL 30, 1993.
  - NO FILL SHALL BE PLACED WITHIN THE DELINEATED WETLAND.
  - THE CONTRACTOR SHALL RESTORE BOTTOM AND THE NORTH, EAST, AND SOUTHERN SLOPES OF THE EAST BASIN TO ORIGINAL DESIGN GRADES WHERE POSSIBLE BY REMOVING MATERIAL ABOVE THE DESIGN GRADES. HOWEVER, NO FILL SHALL BE PLACED IF EXISTING GRADES ARE BELOW PROPOSED GRADES.
  - DREDGED MATERIALS SHALL BE DISPOSED OF IN THE TLR-III LANDFILL AT A LOCATION SPECIFIED BY THE OWNER.
  - DEWATERING THE BASIN IS THE RESPONSIBILITY OF THE CONTRACTOR.
  - IF EXISTING CONDITIONS IN THE FIELD VARY SIGNIFICANTLY FROM WHAT IS SHOWN, THE CONTRACTOR SHALL CONSULT WITH THE OWNER AND ENGINEER FOR ADDITIONAL DIRECTION.
  - ALL DISTURBED AREAS WITHIN THE BASIN SHALL RECEIVE TOPSOIL AND SEED. SEE SHEET 15.
  - THE CONTRACTOR IS RESPONSIBLE FOR RESTORING AREAS OF DISTURBANCE AROUND THE BASIN TO THEIR ORIGINAL CONDITION.



FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE:

SUBJECT MAP: 267 LOT: 3

**SANBORN HEAD**



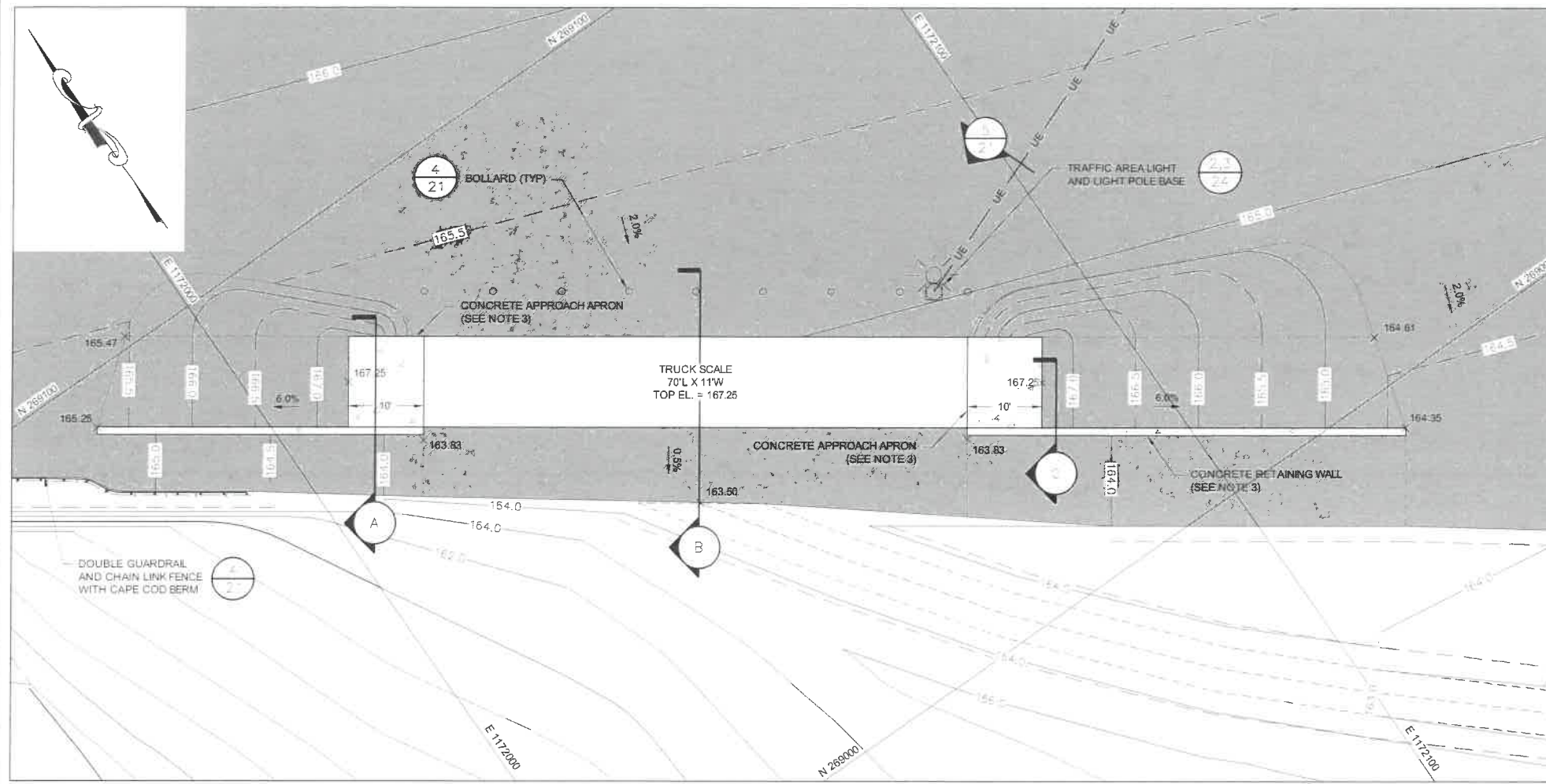
NO.	DATE	DESCRIPTION	BY
11/08/20		ISSUED FOR SITE PLAN APPROVAL	APM
11/03/20		ISSUED FOR NHDES PERMITTING	APM
10/23/20		ISSUED FOR BIDDING	APM

DRAWN BY: A. MATTHEWS  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE  
**EAST STORMWATER BASIN  
MAINTENANCE PLAN**

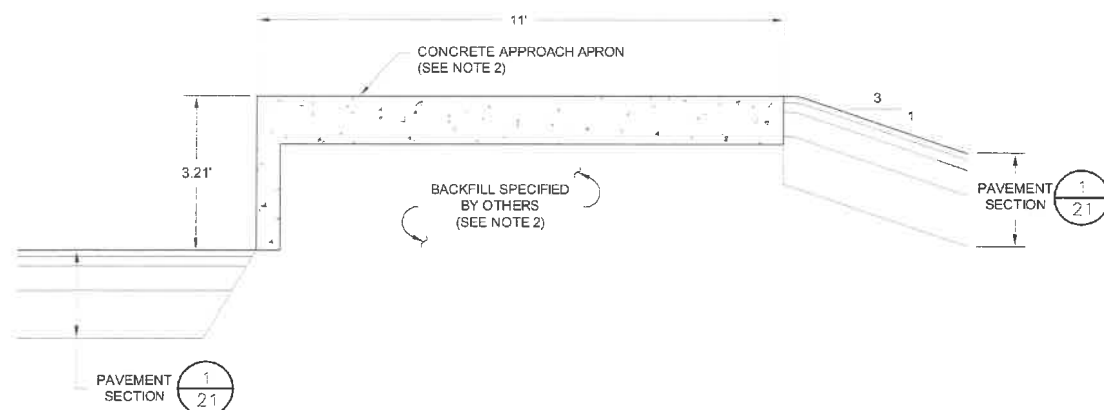
PROJECT NUMBER:  
**4694.00**  
SHEET NUMBER:  
**9 OF 25**





SCALE PLAN VIEW

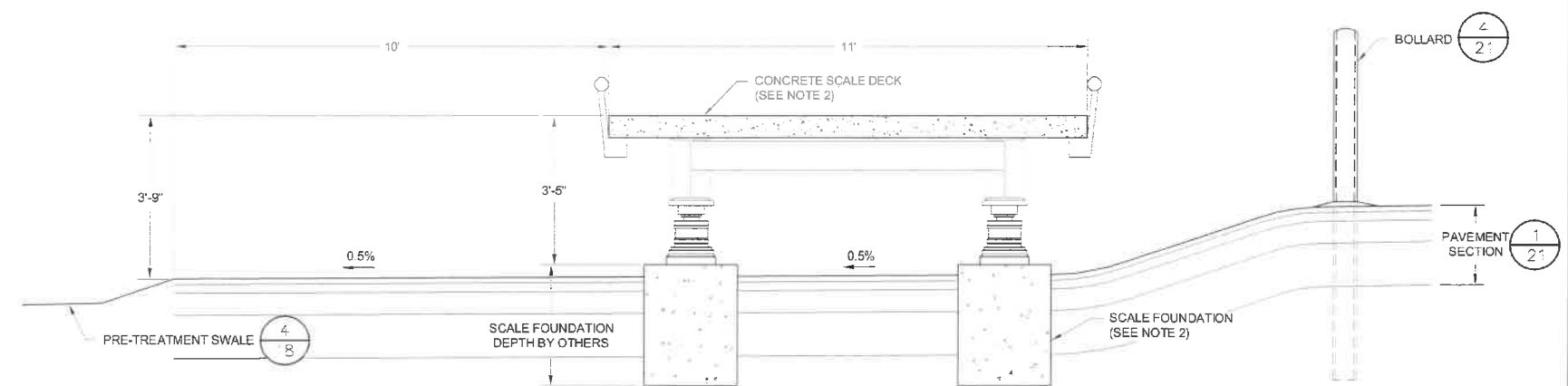
NOT TO SCALE



FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

SECTION A

NOT TO SCALE



## SECTION B

NOT TO SCALE

SUBJECT MAP: 267      LOT: 3

# SANBORN HEAD

SCALE: AS NOTED



	11/09/20	ISSUED FOR SITE PLAN APPROVAL	APM
	11/03/20	ISSUED FOR NHDES PERMITTING	APM
	10/23/20	ISSUED FOR BIDDING	APM
NO.	DATE	DESCRIPTION	BY

DRAWN BY: A. MATTHEWS  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

TRUCK SCALE PLAN

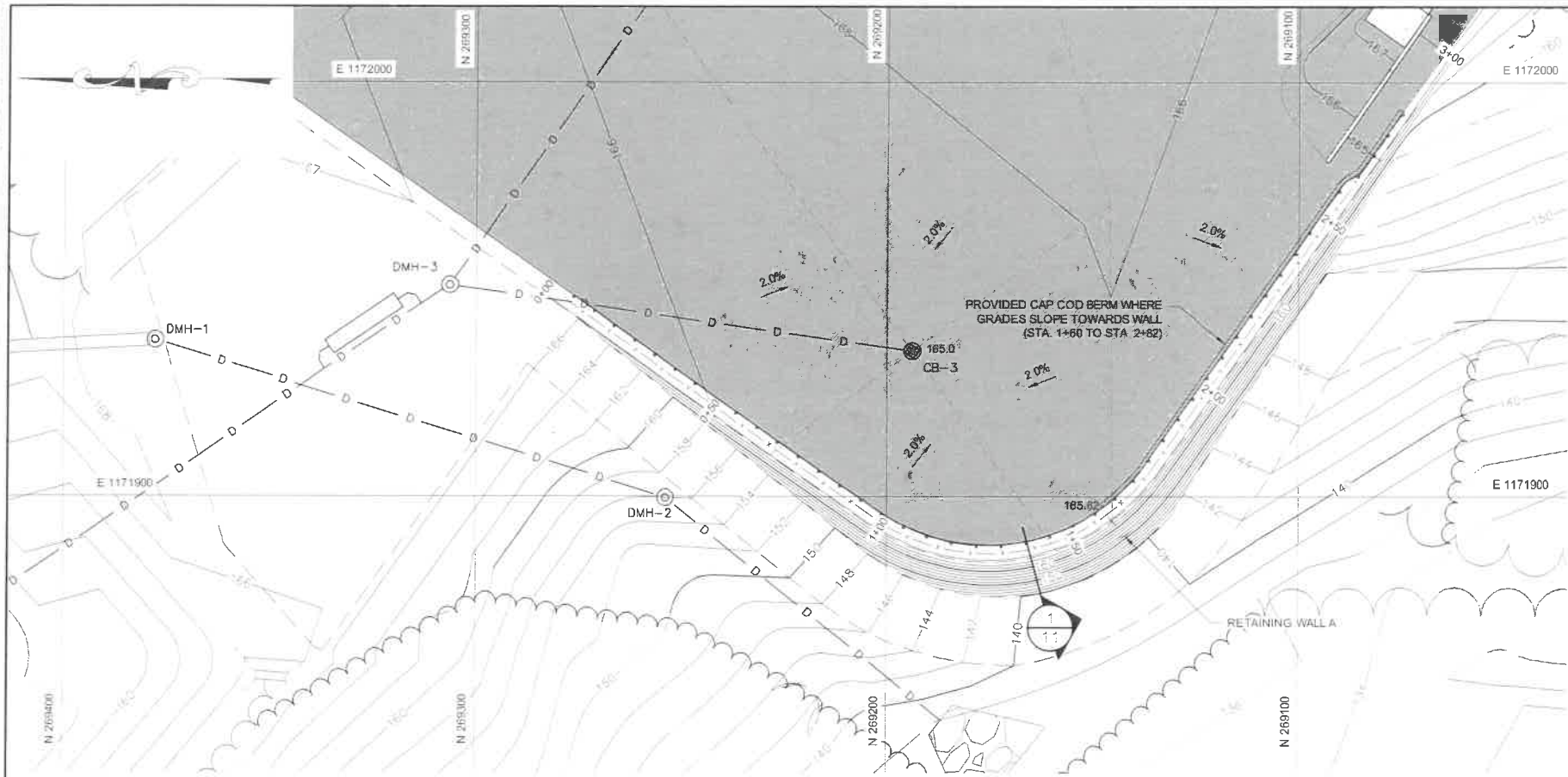
PROJECT NUMBER:

4694.00

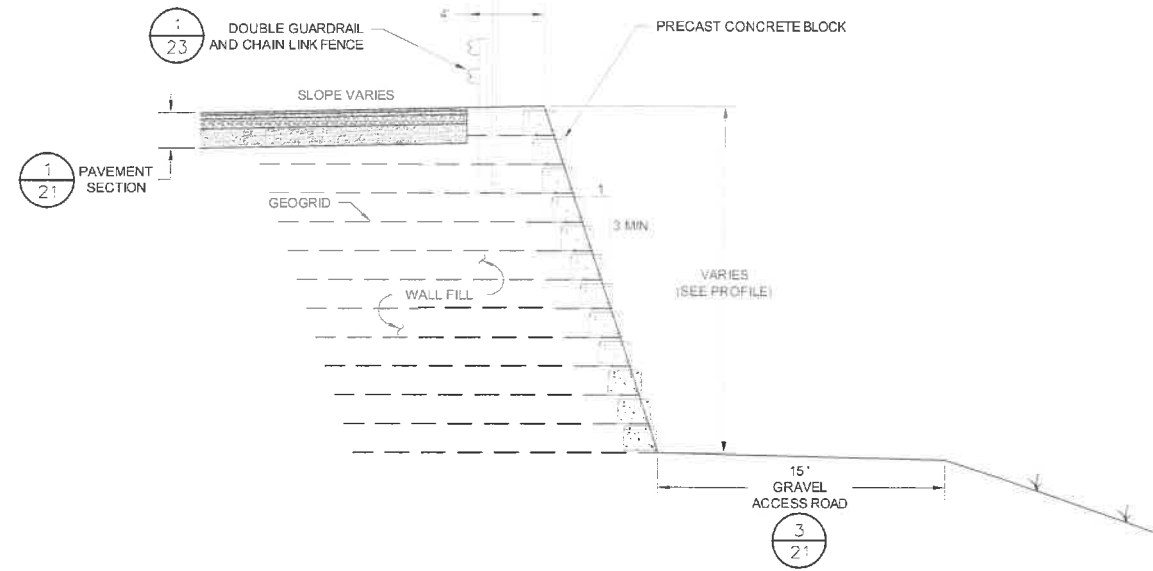
SHEET NUMBER:

10 OF 25



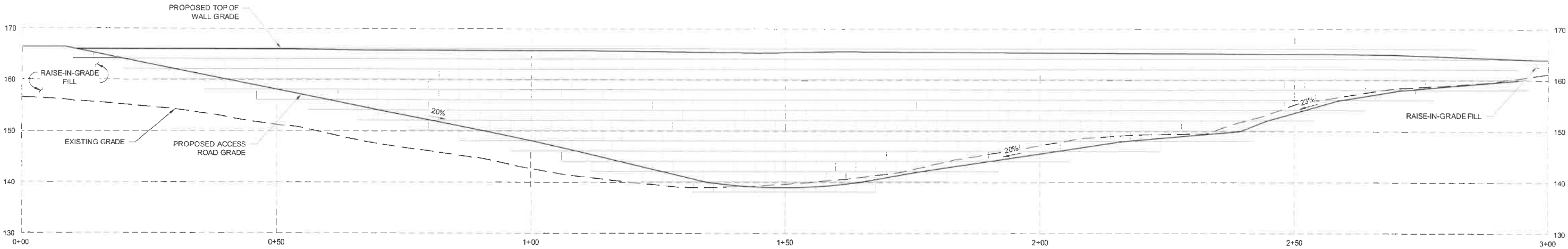


RETAINING WALL A PLAN



RETAINING WALL A SECTION

- NOTES:
1. CONCRETE BLOCK RETAINING WALL SHALL BE DESIGNED AND STAMPED BY A PROFESSION ENGINEER LICENSED IN NEW HAMPSHIRE.
  2. CONCRETE BLOCK RETAINING WALL SHALL BE INSTALLED PER MANUFACTURE'S RECOMMENDATIONS.
  3. CONCRETE BLOCK RETAINING WALL SHALL BE BY VERTI-BLOCK OR EQUIVALENT APPROVED BY ENGINEER.
  4. LIMIT OF WALL FILL AND GEOGRID SHALL BE DETERMINED BY WALL DESIGNER AND METHOD OF CONSTRUCTION.



RETAINING WALL A PROFILE

- NOTE:
1. RAISE-IN-GRADE FILL MAY BE STONE FILL, AND/OR ORDINARY FILL.

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

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

SUBJECT MAP: 267 LOT: 3



SCALE: AS NOTED



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DRAWN BY: D. DOMBROWSKY  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

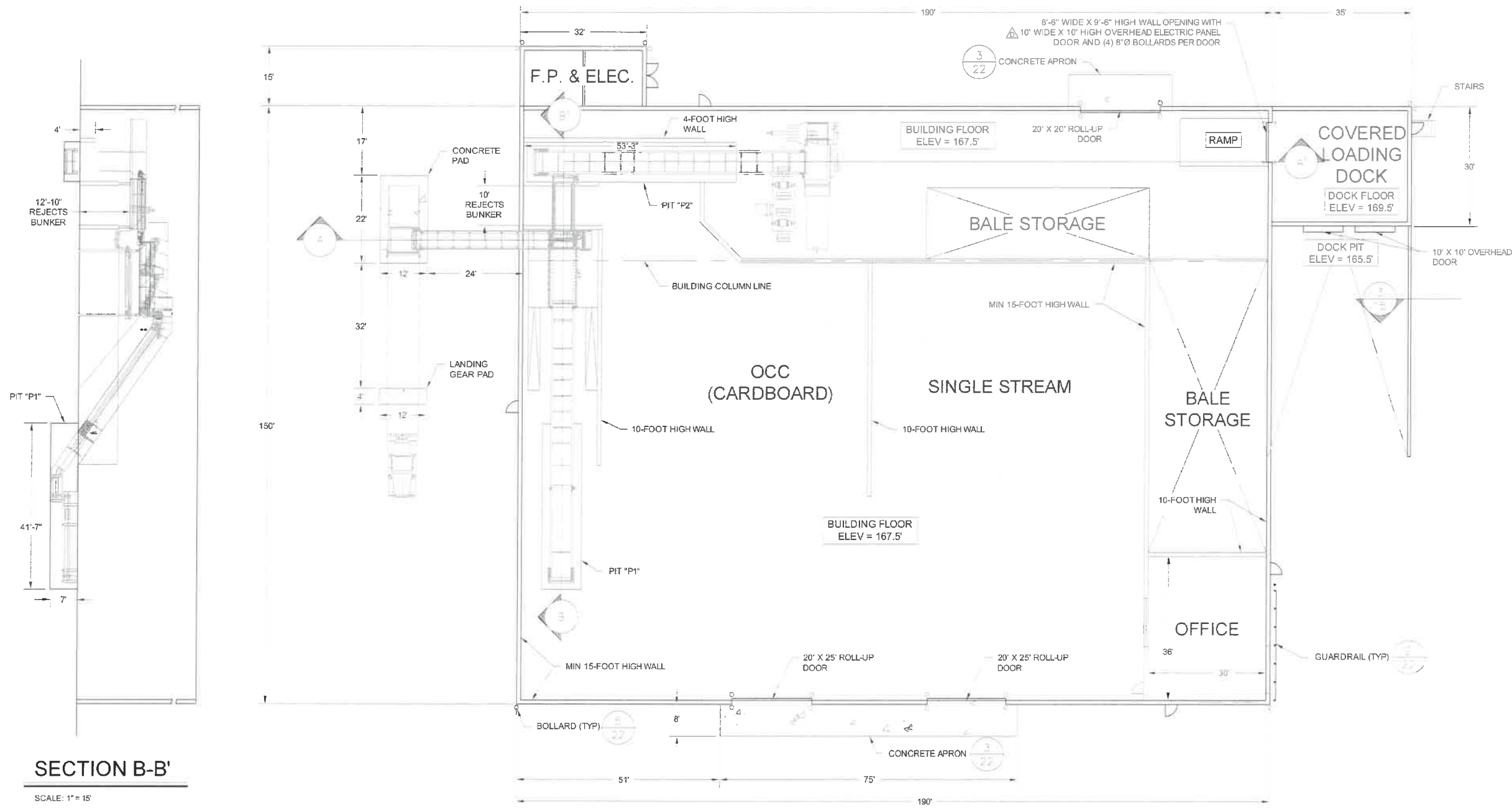
CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

RETAINING WALL A  
PLAN AND PROFILE

PROJECT NUMBER:  
4694.00  
SHEET NUMBER:  
11 OF 25

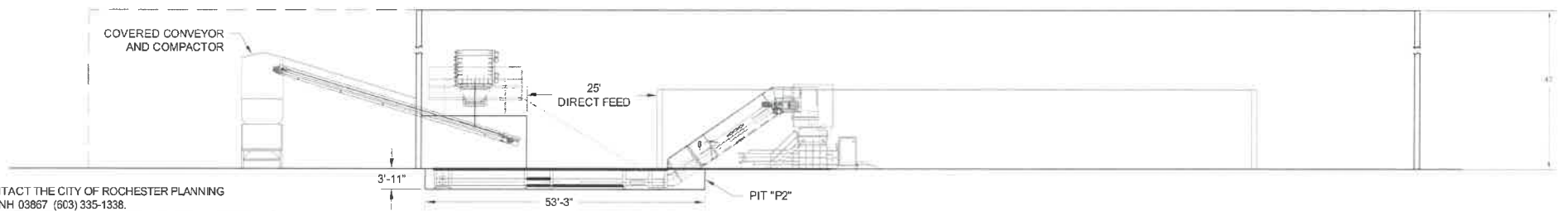


NOTES: 1. CONCEPTUAL BUILDING FLOOR PLAN WAS PROVIDED BY ALEXANDER INDUSTRIAL TECHNOLOGIES OF LONDONDERRY, NEW HAMPSHIRE TO SANBORN HEAD IN DIGITAL FORMAT ON APRIL 22, 2020. 2. GENERAL BUILDING FLOOR PLAN SHOWN, ACTUAL INTERIOR DESIGN TO BE DEVELOPED BY AN ARCHITECT DURING THE DESIGN-BUILD PROCESS WITH INPUT FROM THE OWNER. 3. ALL EQUIPMENT IS SHOWN FOR REFERENCE ONLY AND NOT FOR CONSTRUCTION. COMPONENT AND CONFIGURATION MAY CHANGE UPON FINAL DESIGN. 4. FINAL LOCATION OF CONVEYOR PIT IS TO BE CONFIRMED WITH WMNH AND EQUIPMENT SUPPLIER PRIOR TO SUBGRADE PREPARATION AND FINISH FLOOR INSTALLATION. 5. CONTRACTOR TO COORDINATE WITH WMNH TO LOCATE TWO 1'x1' BAILER DRAIN PITS PRIOR TO CONSTRUCTION OF THE FLOOR SLAB. 6. MINIMUM OF 10' HIGH EXPOSED CONCRETE WALLS EXCEPT WHERE NOTED. 7. ALL WALLS SHALL BE CAST-IN-PLACE CONCRETE. 8. BUILDING INTERIOR FLOOR SHALL BE PROCESSING FLOOR EXCEPT FOR AREAS DESIGNATED TIPPING FLOOR, EQUIPMENT PADS, AND PITS. LEGEND: TIPPING FLOOR (APPROX. 16,300 S.F.)



SECTION B-B'  
SCALE: 1" = 15'

BUILDING FLOOR PLAN  
SCALE: 1" = 15'



SECTION A-A'  
SCALE: 1" = 15'

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

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

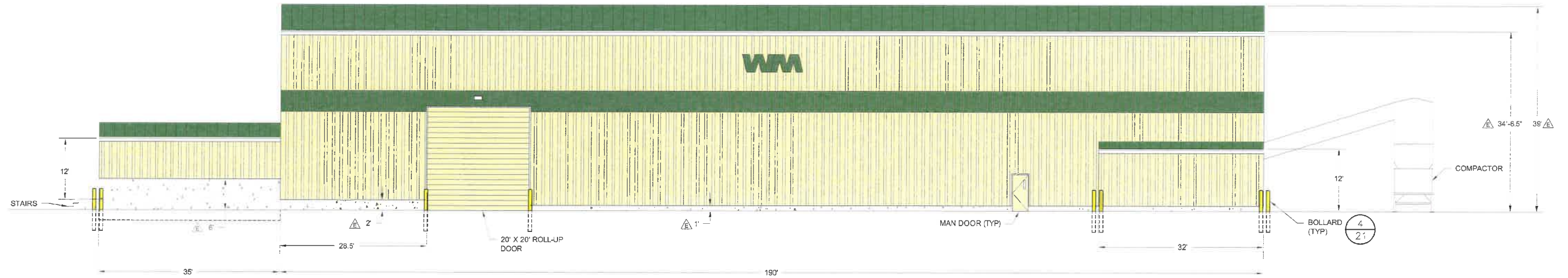
SUBJECT MAP: 267 LOT: 3

<b>SANBORN HEAD</b>	SCALE: AS NOTED		<table border="1"><thead><tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th><th>BY</th></tr></thead><tbody><tr><td>A</td><td>03/19/21</td><td>REVISED BUILDING SIDING TO REFLECT EXPOSED PUSH WALLS.</td><td>APM</td></tr><tr><td>A</td><td>11/09/20</td><td>ISSUED FOR SITE PLAN APPROVAL.</td><td>APM</td></tr><tr><td>A</td><td>11/03/20</td><td>ISSUED FOR NHDES PERMITTING.</td><td>APM</td></tr><tr><td>A</td><td>10/23/20</td><td>ISSUED FOR BIDDING.</td><td>APM</td></tr></tbody></table>	NO.	DATE	DESCRIPTION	BY	A	03/19/21	REVISED BUILDING SIDING TO REFLECT EXPOSED PUSH WALLS.	APM	A	11/09/20	ISSUED FOR SITE PLAN APPROVAL.	APM	A	11/03/20	ISSUED FOR NHDES PERMITTING.	APM	A	10/23/20	ISSUED FOR BIDDING.	APM	DRAWN BY: D. DOMBROWSKY DESIGNED BY: A. MATTHEWS REVIEWED BY: E. STEINHAUSER PROJECT MGR: L. DAMIANO PIC: E. STEINHAUSER DATE: OCTOBER 2020	CONSTRUCTION DRAWINGS ROCHESTER MATERIALS RECOVERY FACILITY WASTE MANAGEMENT OF NEW HAMPSHIRE, INC. ROCHESTER, NEW HAMPSHIRE	PROJECT NUMBER: <b>4694.00</b>
				NO.	DATE	DESCRIPTION	BY																			
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A	10/23/20	ISSUED FOR BIDDING.	APM																							
<b>BUILDING FLOOR PLAN</b>		SHEET NUMBER: <b>12 OF 25</b>																								



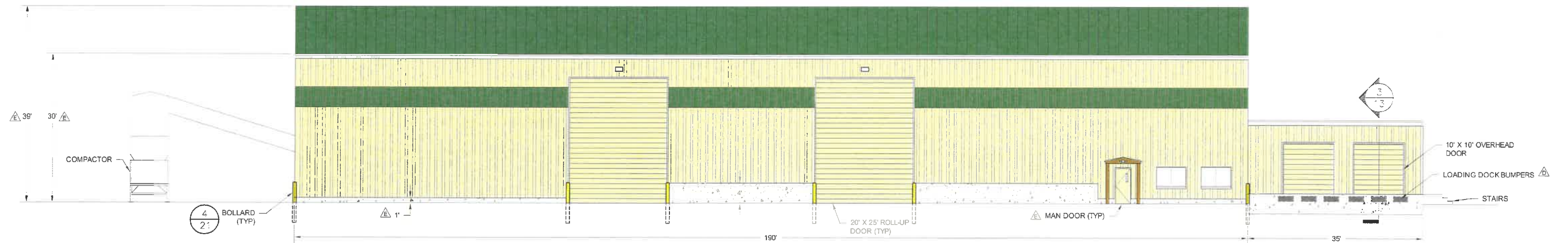
REFERENCE NOTES:

1. GENERAL BUILDING ELEVATIONS SHOWN. ACTUAL EXTERIOR DESIGN TO BE DEVELOPED BY AN ARCHITECT DURING THE DESIGN-BUILD PROCESS.



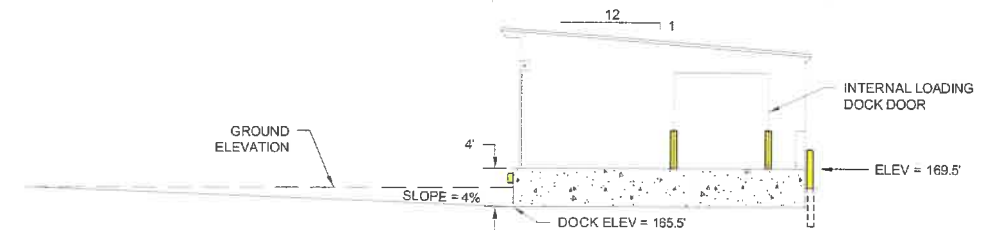
NORTH WALL BUILDING ELEVATION

AS NOTED



SOUTH WALL BUILDING ELEVATION

AS NOTED



LOADING DOCK ELEVATION

AS NOTED

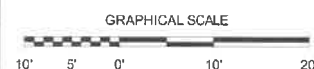
SUBJECT MAP: 267 LOT: 3

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE:

SANBORN HEAD



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DRAWN BY: D. DOMBROWSKY  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

BUILDING ELEVATIONS

PROJECT NUMBER:  
4694.00  
SHEET NUMBER:  
13 OF 25



14 OF 25



GENERAL NOTES:

- PERFORM EARTHWORK ACTIVITIES SO THAT THE SMALLEST PRACTICAL AREA IS EXPOSED AT ANY ONE TIME PRIOR TO FINAL GRADING AND STABILIZING WITH SEED AND MULCH. UNSTABILIZED AREA SHALL BE LIMITED TO NOT MORE THAN 5 CONTIGUOUS ACRES AT ANY ONE TIME. THE TERM "STABLE" IS DEFINED AS MEETING ONE OF THE FOLLOWING CRITERIA:
  - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
  - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
  - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE RIPRAP HAS BEEN INSTALLED; OR
  - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- APPLY SEED, LIME, FERTILIZER, AND HAY MULCH TO DISTURBED AREAS, NEWLY-PLACED FILL SLOPES, AND GRASS-LINED SWALES WITHIN 14 CALENDAR DAYS AFTER THE PERMANENT OR TEMPORARY (i.e., CONSTRUCTION ACTIVITIES WILL BE INACTIVE FOR 14 OR MORE CALENDAR DAYS) CESSATION OF EARTHWORK ACTIVITIES. ALSO APPLY SEED AND HAY MULCH TO THOSE AREAS THAT WILL NOT BE RE-DISTURBED FOR A PERIOD OF 30 DAYS OR MORE. HAY MULCH SHALL BE APPLIED AT THE RATE OF 1.5 TO 2 TONS PER ACRE.
- EROSION CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS AND AT THE DISCRETION OF THE ENGINEER AND OWNER. SEDIMENT FILTER LOGS SHALL BE INSTALLED ALONG THE CONTOUR AS SHOWN ON THE DRAWING OR AS DIRECTED BY THE OWNER. EROSION CONTROL FEATURES ARE TO BE MAINTAINED AND CLEANED UNTIL VEGETATIVE COVER IS ESTABLISHED.
- ALL EROSION CONTROLS SUCH AS SEDIMENT FILTER LOGS SHALL BE INSPECTED WEEKLY DURING THE LIFE OF THE PROJECT AND AFTER EACH STORM EVENT THAT PRODUCES 0.25 INCHES OF RAINFALL. ALL DAMAGED SEDIMENT FILTER LOGS SHALL BE REPAIRED PROMPTLY.
- TRACK UP AND DOWN REGRADED SLOPES (GROUSER TRACKS PERPENDICULAR TO THE SLOPE) WITH A BULLDOZER TO LIMIT EROSION.
- REMOVE SEDIMENT RESULTING FROM CONSTRUCTION ACTIVITY AS NEEDED FROM DETENTION PONDS TO MAINTAIN STORAGE CAPACITY AND AT THE DIRECTION OF THE ENGINEER OF OWNER. DISPOSE SEDIMENT IN A SECURE LOCATION SO AS TO PREVENT SILTATION OF NATURAL WATERWAYS.
- 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.
- DITCHES, SWALES, AND PONDS SHALL BE INSTALLED EARLY ON IN THE CONSTRUCTION SEQUENCE (BEFORE ROUGH GRADING OF THE SITE) AND STABILIZED BEFORE RUNOFF IS DIRECTED TO THEM.
- PERFORM SOIL BORROW EXCAVATION ACTIVITIES IN SUCH A MANNER THAT ALL RUNOFF FROM THE EXCAVATION AREAS IS CONTAINED WITHIN THE EXCAVATION.
- THE PROJECT SHALL BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER Agr 3800 RELATIVE TO INVASIVE SPECIES.
- ALL ROADWAYS AND PARKING LOTS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE.
- ALL CUT AND FILL SLOPES SHALL BE SEEDED/LOADED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE.
- MUST INSTALL AND MAINTAIN ORANGE CONSTRUCTION FENCING (OR OTHER APPROPRIATE DEVICE) ALONG OUTER EDGE OF THE CONSTRUCTION ZONE, WHERE THERE ARE TREES, SHRUBS, OR OTHER RESOURCES WORTHY OF PROTECTION AND AROUND DESIGNATED TREES.
- ALL STRIPPED TOPSOIL FROM SITE SHALL BE RETAINED, STABILIZED IN ACCORDANCE WITH NHDES STANDARDS, AND STOCKPILED ON SITE FOR REUSE ON SITE LATER, UNLESS OTHERWISE APPROVED.

SPECIFICATIONS:

TOPSOIL AND SEEDING MATERIALS

- TOPSOIL SHALL BE FERTILE SOIL CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH, FREE FROM ROOTS, STICKS, PEAT, WEEDS, AND SOD. IT SHALL NOT CONTAIN MATERIAL HARMFUL TO PLANT GROWTH.
- GRASS SEED SHALL BE FROM THE SAME OR PREVIOUS YEAR'S 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.
- MULCH SHALL CONSIST OF DRY HAY OR STRAW AND BE FREE OF NOXIOUS WEEDS OR MOLD.
- 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 THE ENGINEER.
- ANY PART OF THE SEEDED AREA THAT FAILS TO YIELD AN ACCEPTABLE STAND OF GRASS AS DETERMINED BY THE ENGINEER OR OWNER SHALL BE RETREATED WITH ADDITIONAL SEED, FERTILIZER, AND MULCH.
- SEED MIX SHALL BE NEW ENGLAND CONSERVATION/WILDLIFE MIX BY NEW ENGLAND WETLAND PLANT, INC. OR EQUIVALENT APPROVED BY THE ENGINEER AND SHALL BE APPLIED AT A RATE OF 25 POUNDS PER ACRE.

WINTER NOTES:

- ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR THAT ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE. SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS;
- ALL DITCHES OR SWALES THAT DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR THAT ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS; AND
- AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A LAYER OF AT LEAST 3 INCHES THICK CRUSHED GRAVEL PER NHDOT ITEM 304.3.

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE:

SANBORN HEAD

SCALE: AS NOTED



NO.	DATE	DESCRIPTION	BY
1	2/05/21	REVISED TO ADDRESS NH FISH AND GAME COMMENTS	DJD
2	11/09/20	ISSUED FOR SITE PLAN APPROVAL	APM
3	11/03/20	ISSUED FOR NHDES PERMITTING.	APM
4	10/23/20	ISSUED FOR BIDDING.	APM

DRAWN BY: S. SANTIAGO / A. MATTHEWS  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

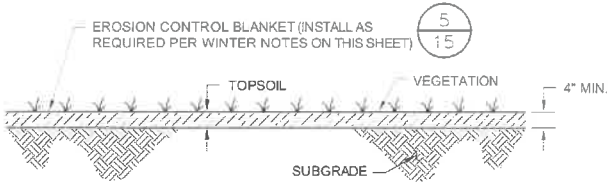
PROJECT NUMBER:  
4694.00

EROSION AND SEDIMENT CONTROL  
NOTES AND DETAILS

SHEET NUMBER:  
15 OF 25

TOPSOIL AND SEED

NOT TO SCALE

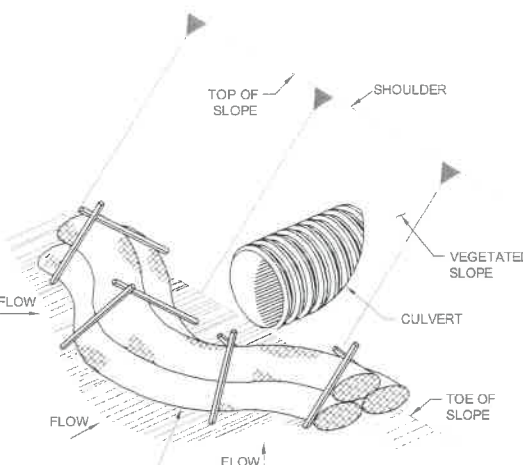


NOTES:

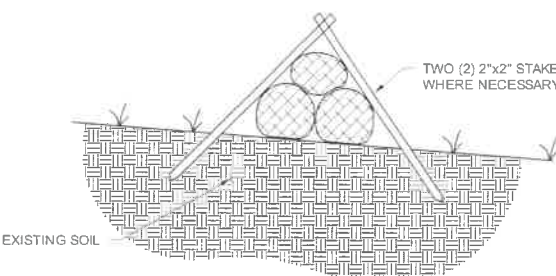
- SEDIMENT FILTER LOG SHALL BE SILT-SOXX NATURAL PLUS BY FILTREXX, OR AND EQUIVALENT PRODUCT MADE OF WOVEN ORGANIC MATERIALS APPROVED BY THE ENGINEER.
- SEDIMENT FILTER LOGS SHALL BE A COMPOST-FILLED BIO- OR PHOTO-DEGRADABLE TUBULAR MESH PRODUCT CAPABLE OF TRAPPING SEDIMENT BEFORE OR WITHIN THE DEVICE WHILE ALLOWING STORMWATER RUNOFF TO PASS THROUGH.
- THE MESH SHALL BE OF NATURAL BIODEGRADABLE MATERIALS TO AVOID PROBLEMS WITH THE SOOK TRAPPING ENDANGERED SNAKES OR LIZARDS, SUCH AS BIODEGRADABLE JUTE, SISAL, BURLAP, OR COIR FIBER FABRIC.
- THE MESH FABRIC SHALL BE CLEAN, EVENLY WOVEN, AND FREE OF ENCRUSTED CONCRETE OR OTHER CONTAMINATING MATERIALS AND FREE FROM CUTS, TEARS, BROKEN OR MISSING YARNS AND THIN, OPEN OR WEAK PLACES.
- EACH SEDIMENT FILTER LOG SHALL HAVE A DIAMETER OF NO LESS THAN 8 INCHES.
- THE MESH OPENING SHALL BE NO SMALLER THAN 1/8 INCH.
- THE COMPOST SHALL BE DERIVED FROM GREEN MATERIAL CONSISTING OF CHIPPED, SHREDDED, OR GROUND VEGETATION, OR CLEAN RECYCLED WOOD PRODUCTS, AND BE REASONABLY FREE OF VISIBLE CONTAMINANTS. IT SHALL NOT BE DERIVED FROM MIXED MUNICIPAL SOLID WASTE AND SHALL NOT CONTAIN PAINT, PETROLEUM PRODUCTS, PESTICIDES, OR ANY OTHER CHEMICAL RESIDUES HARMFUL TO ANIMAL LIFE OR PLANT GROWTH. THE COMPOST SHALL NOT POSSESS OBJECTIONABLE ODORS.
- THE SEDIMENT FILTER LOG MUST HAVE A MINIMUM DURABILITY OF ONE YEAR AFTER INSTALLATION.
- STUMP GRINDINGS EROSION CONTROL BERMS MAY BE USED IN PLACE OF SEDIMENT FILTER LOG.

SEDIMENT FILTER LOG

NOT TO SCALE



INSTALLATION  
(ISOMETRIC VIEW)



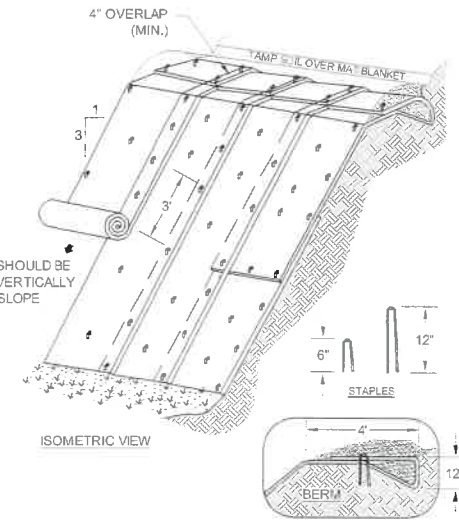
ANCHORING  
(ELEVATION VIEW)

SEDIMENT FILTER LOG CHECK DAM

NOT TO SCALE

CONSTRUCTION FENCE

NOT TO SCALE



NOTES:

- INSTALL CONSTRUCTION FENCE ALONG THE LIMIT OF DISTURBANCE.
- CONSTRUCTION FENCE SHALL BE ORANGE HEAVY-DUTY DIAMOND GRID CONSTRUCTION SNOW / BARRIER FENCE.
- CONSTRUCTION FENCE SHALL BE INSTALLED ON TEMPORARY STAKES INSTALLED 6-FOOT ON CENTER.

CONSTRUCTION FENCE

NOT TO SCALE

NOTE:

- EROSION CONTROL BLANKETS SHALL BE ROLLMAX BIONET SC150BM BY NORTH AMERICAN GREEN, OR EQUIVALENT PRODUCT MADE OF WOVEN ORGANIC MATERIALS APPROVED BY THE ENGINEER.

SLOPE INSTALLATION

SLOPE INSTALLATION NOTES:

- DIMENSIONS GIVEN IN THE DRAWINGS ARE EXAMPLES; MATERIAL 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.

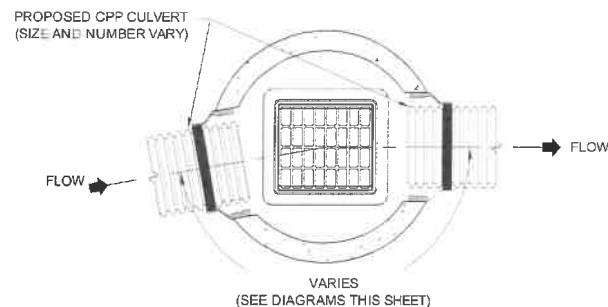
SOURCE: "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3 EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION" REVISION 1.0, DECEMBER 2008, PAGE 74.

EROSION CONTROL BLANKET INSTALLATION

NOT TO SCALE

SUBJECT MAP: 267 LOT: 3





DRAINAGE STRUCTURE SCHEDULE			
STRUCTURE	SIZE	INLET	OUTLET
DMH-1	6Ø	EXISTING	C-1
DMH-2	6Ø	C-1	C-2
DMH-3	4Ø	C-4	C-5
DMH-4	4Ø	C-6	C-7
CB-1	4Ø	GRATE / RD	C-6
CB-2	4Ø	GRATE / RD	C-3
CB-3	4Ø	GRATE	C-4

CULVERT SCHEDULE						
CULVERT	TYPE	DIAMETER (IN)	LENGTH (LF)	SLOPE (FT/FT)	INLET END	OUTLET END
C-1	CPP	36	124	.044	DMH-1	DMH-2
C-2	CPP	36	83	.066	DMH-2	FES
C-3	CPP	15	82	0.01	CB-2	DMH-3
C-4	CPP	12	110	0.01	CB-3	DMH-3
C-5	CPP	18	139	.0397	DMH-3	FES
C-6	CPP	15	136	0.008	CB-1	DMH-4
C-7	CPP	15	44	0.01	DMH-4	FES
TD1	CPP	8	85	0.019	TRENCH	FES

CULVERT NOTES

1. THE CULVERT INVERT ELEVATIONS SHOWN ON SHEET 8 REPRESENT ELEVATIONS BASED ON DESIGN OR EXISTING SWALE INVERT ELEVATIONS INTERPOLATED FROM AERIAL TOPOGRAPHY. THE INTENT IS THAT THE CULVERTS SHALL BE INSTALLED WITH THE PROPOSED SLOPE AND ELEVATIONS AT THE INVERTS OF CORRESPONDING EXISTING SWALES OR CHANNELS. IF THE ACTUAL SWALE INVERT ELEVATIONS DIFFER DURING INSTALLATION FROM THOSE INDICATED, OBTAIN APPROVAL FROM ENGINEER PRIOR TO BACKFILLING OVER THE PIPES. GRADES SHALL BE CONFIRMED FOR SHOP DRAWING APPROVAL BY ENGINEER.

CB=CATCH BASIN  
CPP = CORRUGATED POLYETHYLENE PIPE  
PROJ =PROJECTING  
DMH = DRAINAGE MANHOLE  
DI = DROP INLET  
EW = ENDWALL  
FES = FLARED END SECTION  
EX. PIPE = EXISTING PIPE  
HDPE = HIGH DENSITY POLYETHYLENE  
RD = ROOF DRAIN  
LF = LINEAR FOOT

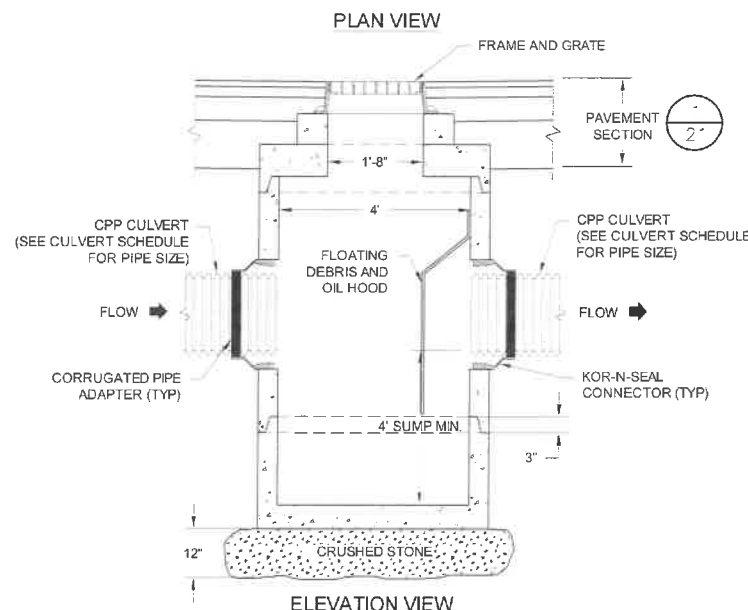
DRAINAGE STRUCTURE PARTS LIST:

FRAME AND GRATE	NEENAH FOUNDRY CO. MODEL 3570-A OR EQUIVALENT APPROVED BY THE ENGINEER
EZ-STIK JOINT SEALANT	BUTYL RUBBER-BASED PREFORMED FLEXIBLE SEALANT BY EZ-STICK, MANUFACTURED BY PRESS-SEAL GASKET CORP. OF FORT WAYNE, INDIANA, OR EQUIVALENT APPROVED BY ENGINEER
KOR-N-SEAL CONNECTOR	KOR-N-SEAL CONNECTOR BY TRELLEBORG PIPE SEALS MILFORD OR EQUIVALENT APPROVED BY ENGINEER

CORRUGATED PIPE ADAPTER      WATERTIGHT CORRUGATED PIPE ADAPTER BY  
TRELLEBORG PIPE SEALS, MILFORD, NH OR EQUIVALENT APPROVED BY  
ENGINEER

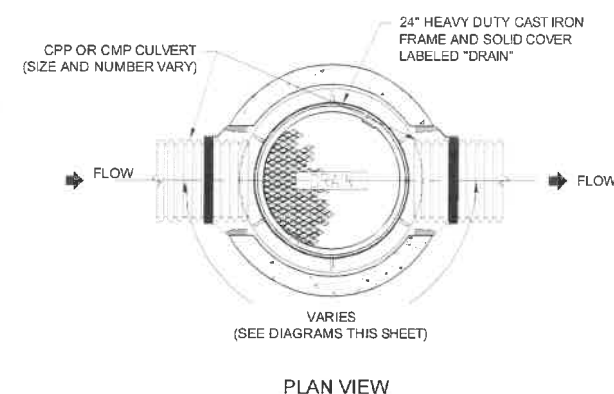
DRAINAGE STRUCTURE NOTES:

1. PROVIDE FRAME AND SOLID COVER ON DRAIN MANHOLES AND FRAME AND GRATE ON CATCH BASINS. SEE DRAINAGE STRUCTURE PARTS LIST.
2. CONCRETE SHALL MEET OR EXCEED REQUIREMENTS OF SPECIFICATIONS SECTION 03400.
3. WALL THICKNESSES SHOWN ARE FOR REFERENCE ONLY. ACTUAL WALL THICKNESSES SHALL BE DETERMINED BY THE PRECAST CONCRETE MANUFACTURER AT TIME OF STRUCTURE CONSTRUCTION. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW IN ACCORDANCE WITH SPECIFICATION SECTION 01340.



CATCH BASIN - TYPE II

NOT TO SCALE (CB-3)



DRAIN MANHOLE

NOT TO SCALE (CB-1)

NOT TO SCALE

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:


DATE:

SUBJECT MAP: 267      LOT: 3

# SANBORN HEAD

SCALE: AS NOTED



	11/09/20	ISSUED FOR SITE PLAN APPROVAL	APM
	11/03/20	ISSUED FOR NHDES PERMITTING.	APM
	10/23/20	ISSUED FOR BIDDING.	APM
NO	DATE	DESCRIPTION	By

DRAWN BY: J. ABESAMRA  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

## STORMWATER INFRASTRUCTURE DETAILS

PROJECT NUMBER:

4694.00

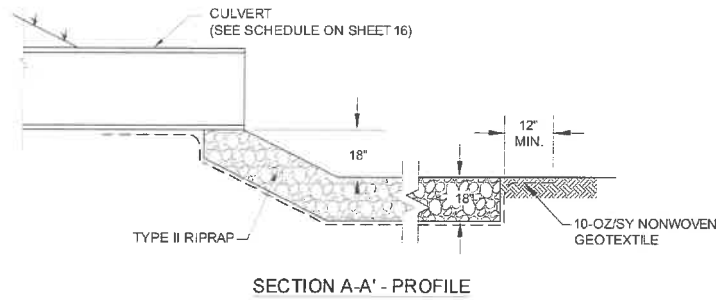
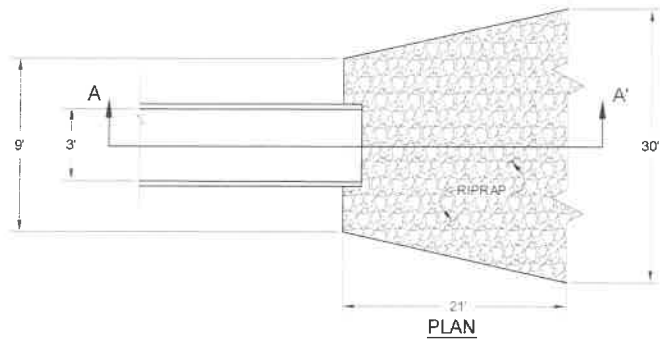
SHEET NUMBER:

16 OF 25



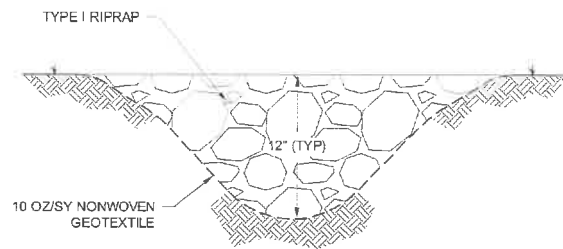






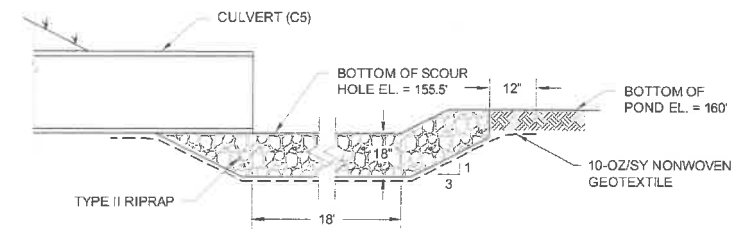
### RIPRAP APRON

NOT TO SCALE



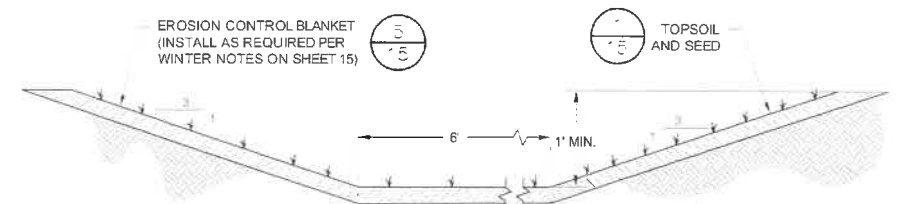
### ARMORED DRAINAGE CHANNEL

NOT TO SCALE



### RIPRAP SCOUR HOLE

NOT TO SCALE



### PRE-TREATMENT SWALE

NOT TO SCALE

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE:

SUBJECT MAP: 267 LOT: 3

**SANBORN HEAD**

SCALE: AS NOTED



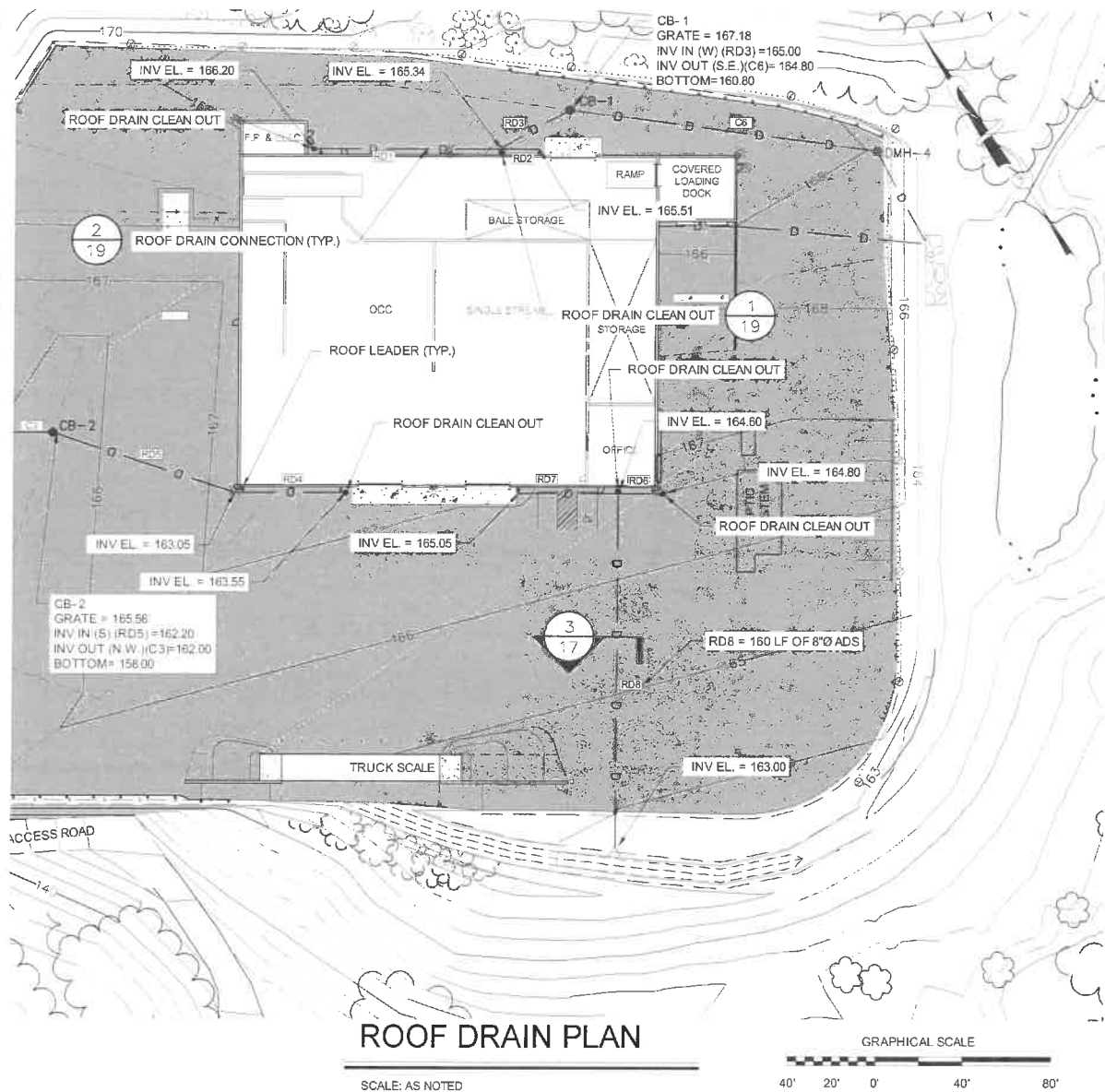
NO.	DATE	DESCRIPTION	BY
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2	11/03/20	ISSUED FOR NH/DES PERMITTING	APM
3	10/23/20	ISSUED FOR BIDDING	APM

DRAWN BY: L. TEAL  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE  
**STORMWATER INFRASTRUCTURE  
DETAILS**

PROJECT NUMBER:  
**4694.00**  
SHEET NUMBER:  
**18 OF 25**





ROOF DRAIN PIPE SCHEDULE		
PIPE ID	DIAMETER (IN.)	LENGTH (FT)
RD1	8	86
RD2	8	17
RD3	8	34
RD4	8	50
RD5	8	85
RD6	8	20
RD7	8	45
RD8	8	160

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

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

**SANBORN HEAD**

SCALE: AS NOTED



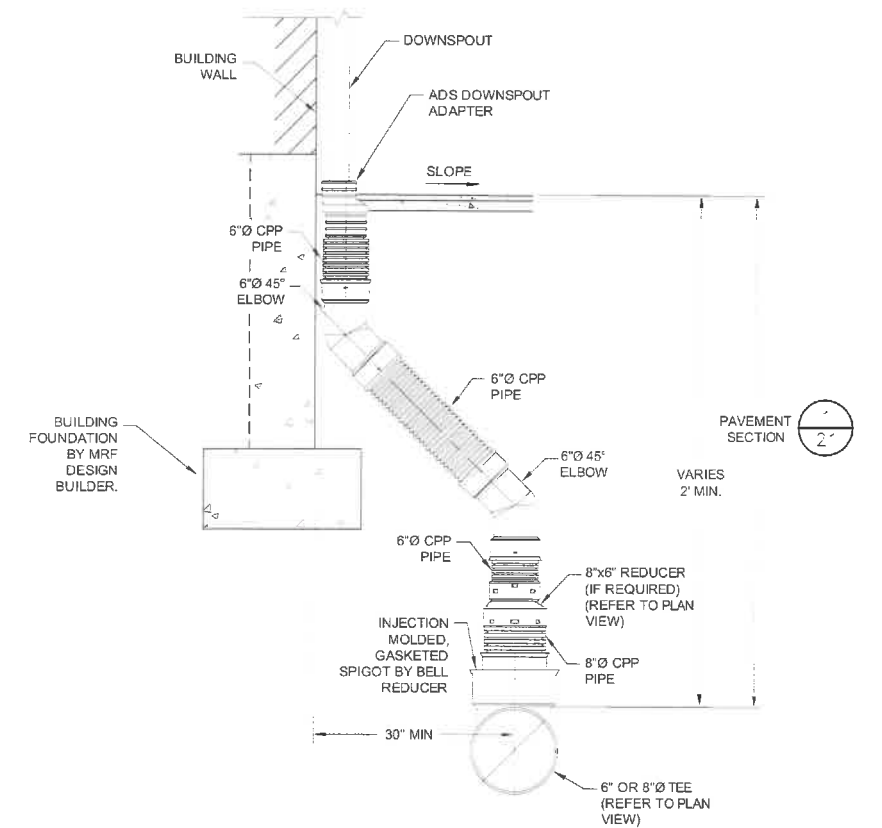
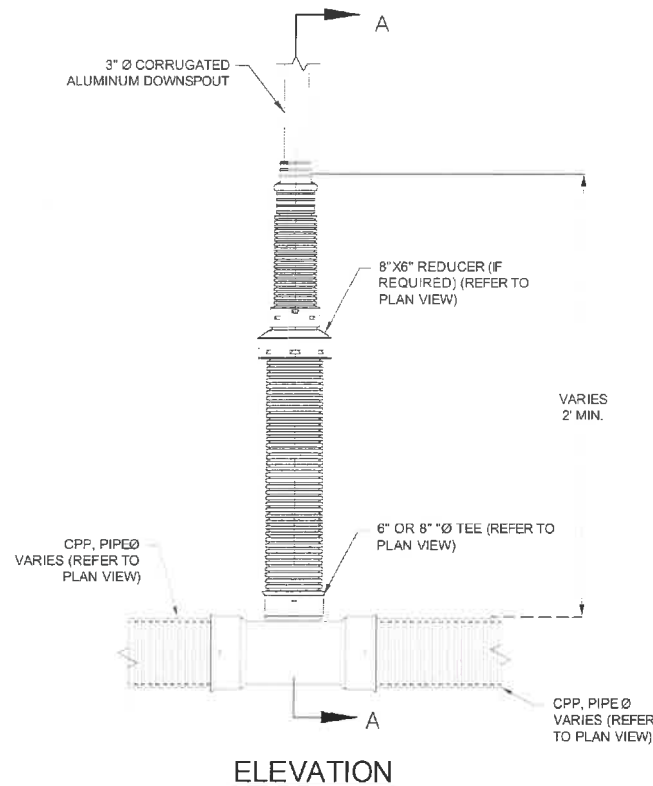
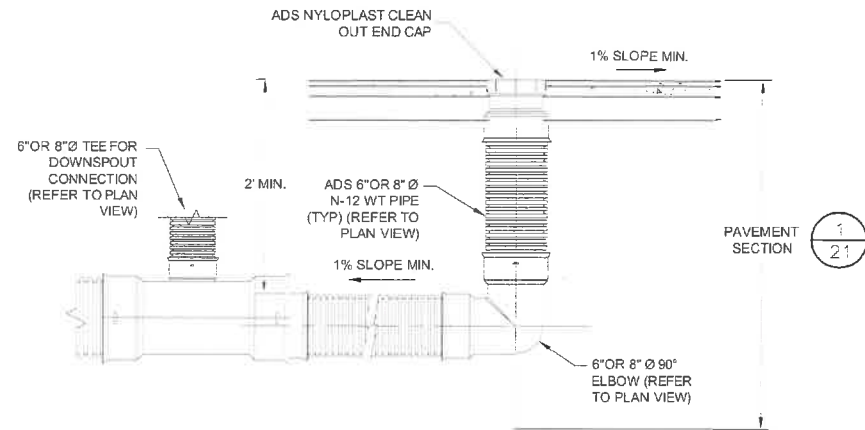
NO.	DATE	DESCRIPTION	BY
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3	10/23/20	ISSUED FOR BIDDING	APM

DRAWN BY: J. ABESAMRA  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

**ROOF DRAIN PLAN AND DETAILS**

PROJECT NUMBER:  
**4694.00**  
SHEET NUMBER:  
**19 OF 25**



**ROOF DRAIN CONNECTION (TYP)**

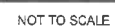
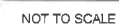
NOT TO SCALE

SUBJECT MAP: 267 LOT: 3

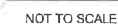








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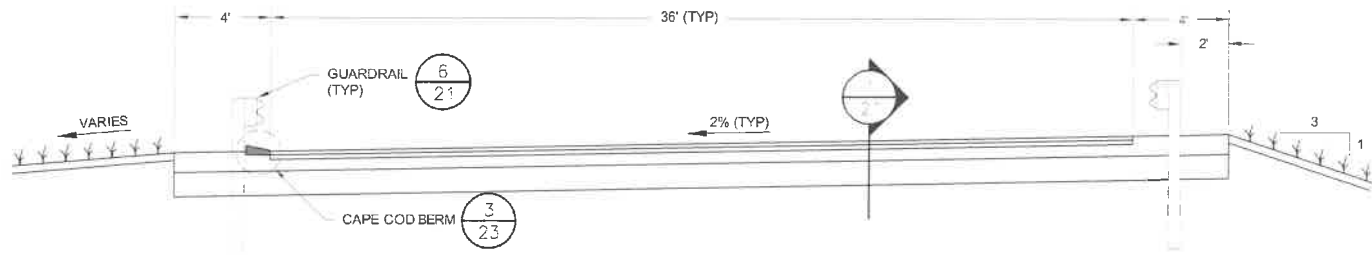


PROJECT NUMBER:  
4694.00

SHEET NUMBER:  
21 OF 25

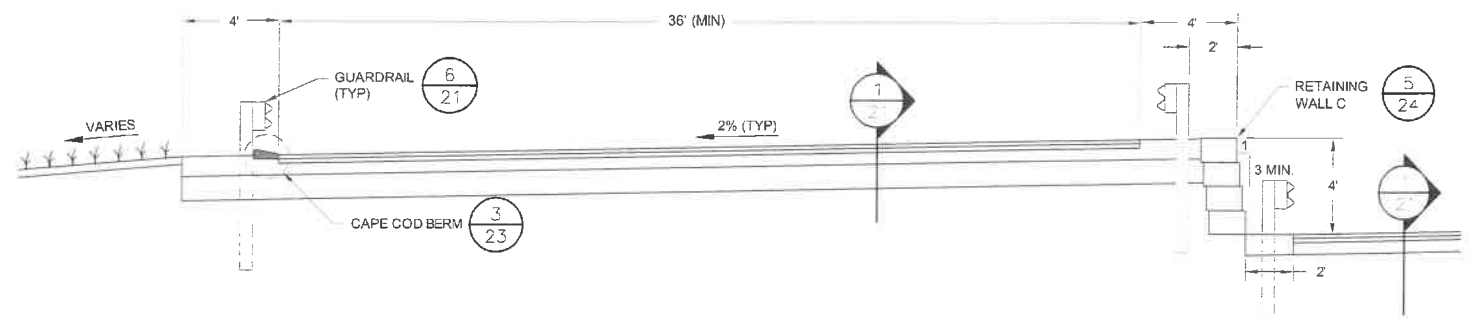


PROJECT: WASTE MANAGEMENT FACILITY  
DRAWN BY: D. DOMBROWSKY  
CHECKED BY: A. MATTHEWS  
DESIGNED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
DATE: OCTOBER 2020



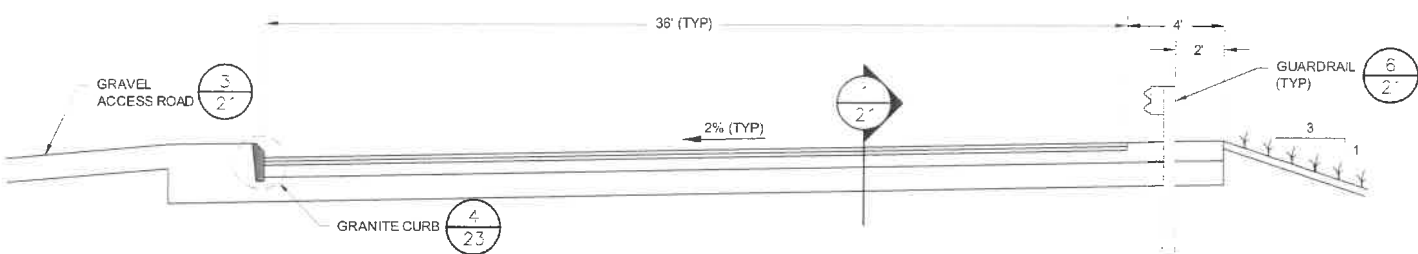
DRIVEWAY SECTION

NOT TO SCALE



DRIVEWAY SECTION

NOT TO SCALE



DRIVEWAY SECTION

NOT TO SCALE

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE:

SUBJECT MAP: 267 LOT: 3

SANBORN HEAD

SCALE: AS NOTED



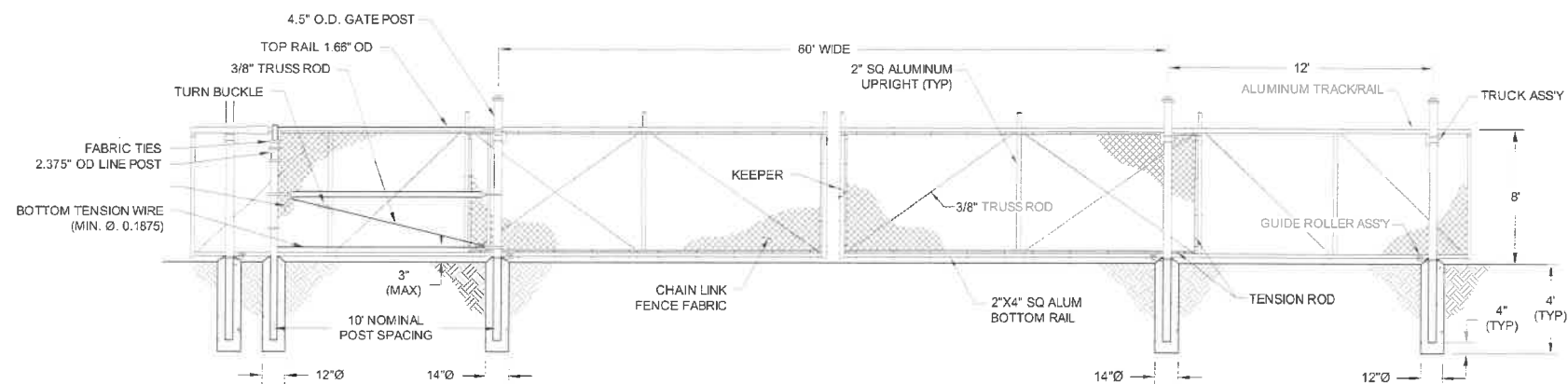
NO.	DATE	DESCRIPTION	BY
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2	11/03/20	ISSUED FOR NHDES PERMITTING	APM
3	10/23/20	ISSUED FOR BIDDING	APM

DRAWN BY: D. DOMBROWSKY  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE  
MISCELLANEOUS DETAILS, SECTIONS,  
AND PROFILES

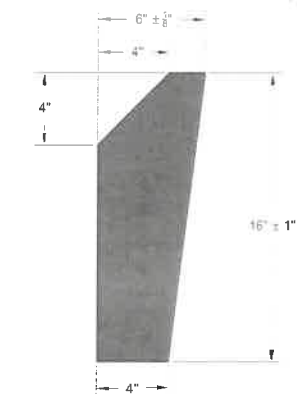
PROJECT NUMBER:  
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SHEET NUMBER:  
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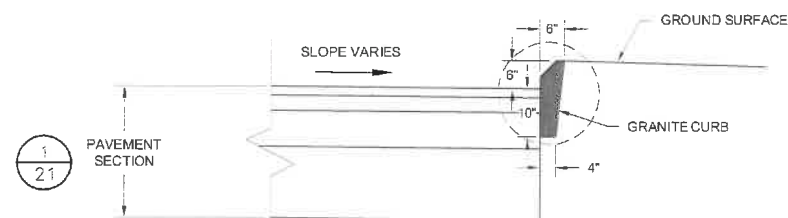


1. ALL FENCE POST TO BE DRIVEN TO A DEPTH OF THREE FEET, EXCEPT FOR CORNER AND GATE POST WHICH SHALL BE BEDDED IN CONCRETE.
2. PROVIDE CONCRETE FOR POST ADJACENT TO CORNER AND GATE POSTS.

NOT TO SCALE



## GRANITE CURB DETAIL



GRANITE CURB

DATE: \_\_\_\_\_

NOT TO SCALE

NOT TO SCALE

SUBJECT MAP: 267      LOT: 3



DRAWN BY: D. DOMBROWSKY  
DESIGNED BY: A. MATTHEWS  
REVIEWED BY: E. STEINHAUSER  
PROJECT MGR: L. DAMIANO  
PIC: E. STEINHAUSER  
DATE: OCTOBER 2020

MISCELLANEOUS DETAILS, SECTIONS,  
AND PROFILES

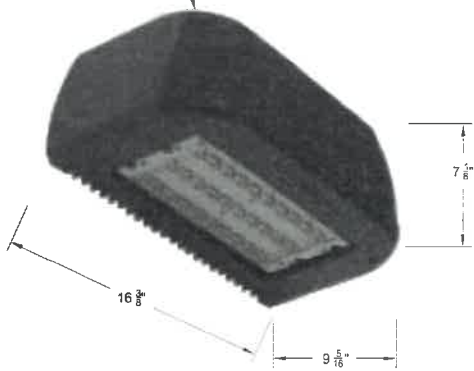
4694.00

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LITHONIA LIGHTING CONTOUR SERIES CSXWLED WALL LUMINAIRE LIGHT OR EQUIVALENT "DOWN CAST" LIGHT APPROVED BY THE ENGINEER.



- NOTES:
- 1. SPECIFICATION SHEETS FOR THIS PRODUCT ARE AVAILABLE AT WWW.LITHONIA.COM
  - 2. TO BE FURNISHED AND INSTALLED BY MRF DESIGN BUILDER.

WALL LIGHT

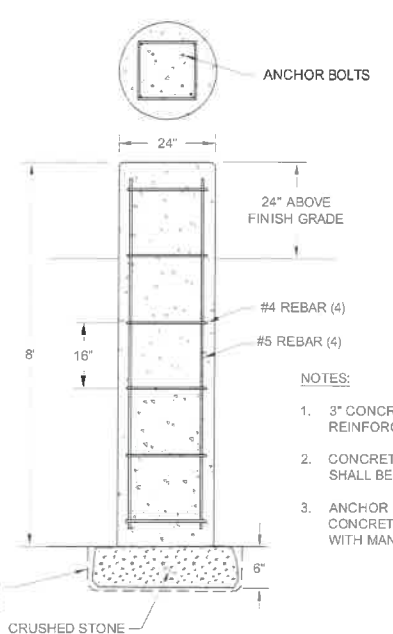
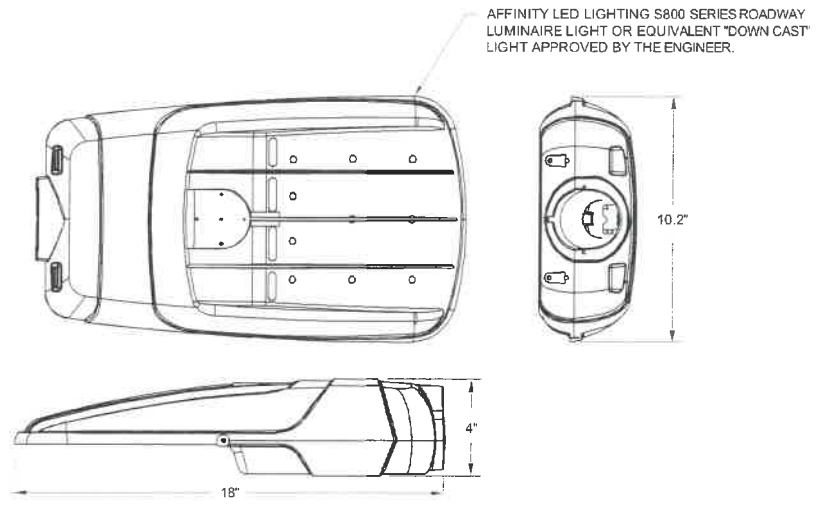
NOT TO SCALE



- NOTES:
- 1. MOUNTING HEIGHT = 15 FEET.
  - 2. SPECIFICATION SHEETS AVAILABLE FOR THIS PRODUCT AT WWW.AFFINITYLEDLIGHT.COM

TRAFFIC AREA LIGHT

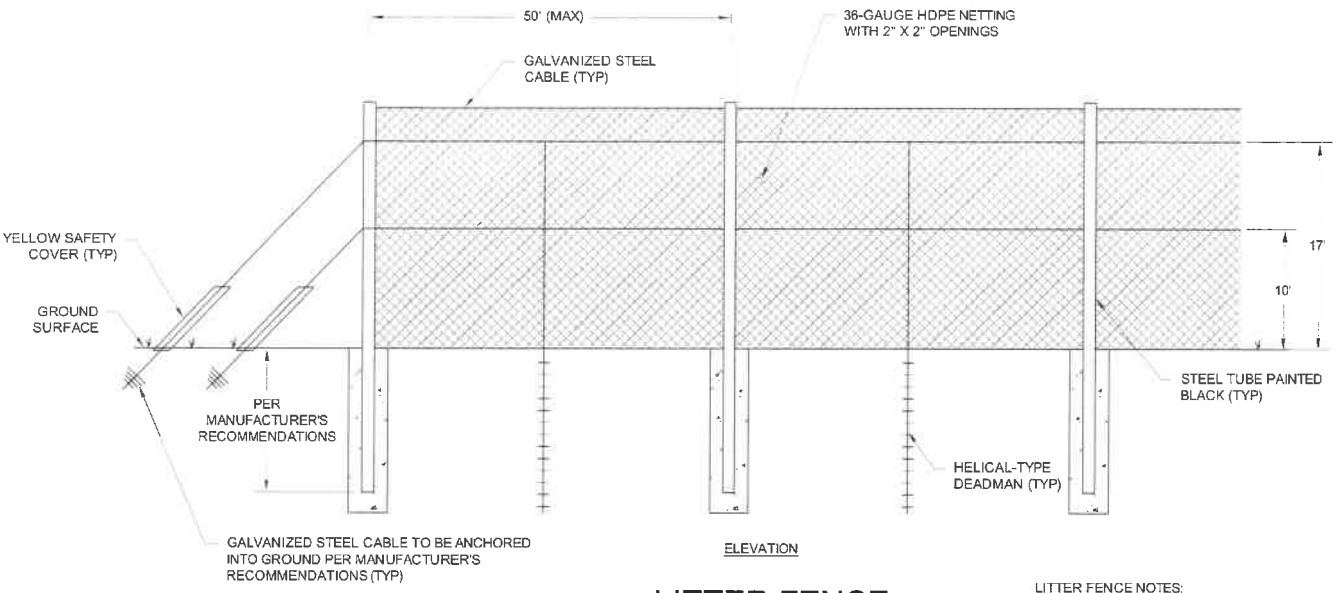
NOT TO SCALE



- NOTES:
- 1. 3" CONCRETE COVER SHALL BE PROVIDED OVER REINFORCING STEEL.
  - 2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 5,000 PSI.
  - 3. ANCHOR BOLTS SHALL BE ATTACHED TO CONCRETE REINFORCEMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

LIGHT POLE BASE

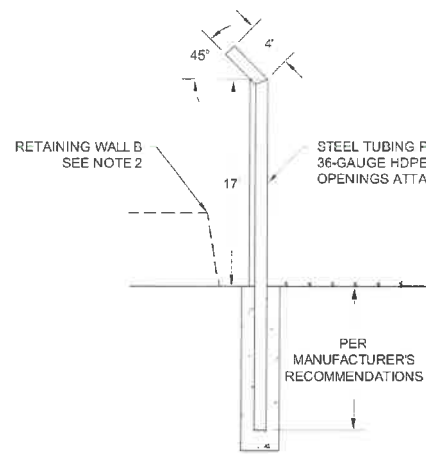
NOT TO SCALE



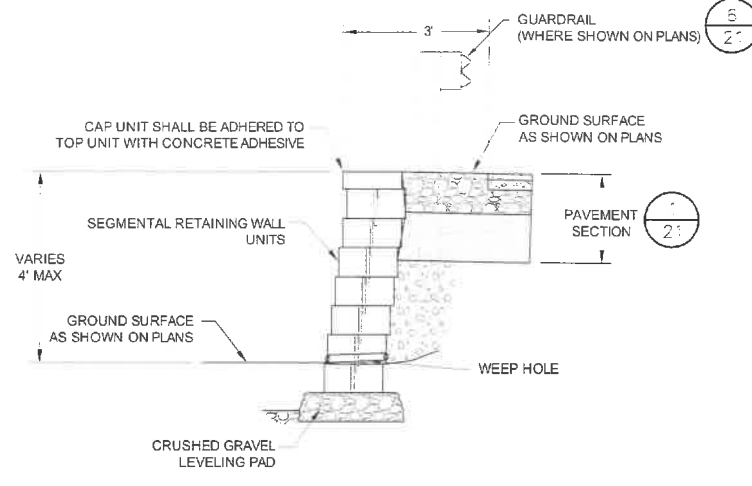
LITTER FENCE

NOT TO SCALE

- LITTER FENCE NOTES:
- 1. ALL FENCE SECTIONS NEED TO BE EXTENDED TO GROUND SURFACE EXCEPT WHERE NOTED.
  - 2. WHERE A RETAINING WALL IS ADJACENT TO THE PROPOSED LITTER FENCE ALIGNMENT, THE HEIGHT OF THE LITTER FENCE SHALL BE EXTENDED BY APPROXIMATELY THE HEIGHT OF THE WALL ADJACENT TO THE LITTER FENCE.



SECTION VIEW



- NOTES:
- 1. SEGMENTAL RETAINING WALL SYSTEM (INCLUDING WALL BACKFILL) SHALL BE DESIGNED BY A NEW HAMPSHIRE LICENSED PROFESSIONAL ENGINEER.

RETAINING WALLS B & C SECTION

NOT TO SCALE

FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

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

SUBJECT MAP: 267 LOT: 3



SCALE: AS NOTED



NO.	DATE	DESCRIPTION	BY
1	11/09/20	ISSUED FOR SITE PLAN APPROVAL	APM
2	11/03/20	ISSUED FOR NHDES PERMITTING	APM
3	10/23/20	ISSUED FOR BIDDING	APM

DRAWN BY: D. DOMBROWSKY  
DESIGNED BY: A. MATTHEWS  
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PROJECT MGR: L. DAMIANO  
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DATE: OCTOBER 2020

CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE  
MISCELLANEOUS DETAILS, SECTIONS,  
AND PROFILES

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Wood Turtle

(Glyptemys insculpta)

(New Hampshire Species of Special Concern)



- Neck and forelimbs are orange.
- Characterized by its highly sculpted shell with each large scute taking on an irregular pyramidal shape.
- Adults can be 5-8 inches long.



Please report sightings to NH Fish and Game at [RAARP@wildlife.nh.gov](mailto:RAARP@wildlife.nh.gov) or at 603-271-2461. Photo documentation, location, and date/time of observation is helpful.

NOTE: It is illegal to remove a wood turtle from the wild (RSA 207:1, FIS 804.02).

Northern Black Racer

(New Hampshire state threatened species)



- Solid black with a white throat and chin
- Slender with glossy scales, 3-6 ft. long
- Hatchlings are very small and patterned



Immediately report sightings to NH Fish and Game  
Melissa Doperalski (603-419-1129) or  
Brendan Clifford (603-944-0885)

Please report promptly, noting specific location and date  
Photographs strongly encouraged



FOR MORE INFORMATION ABOUT THESE PLANS, CONTACT THE CITY OF ROCHESTER PLANNING DEPARTMENT, 33 WAKEFIELD STREET, ROCHESTER, NH 03867 (603) 335-1338.

ROCHESTER PLANNING BOARD  
APPROVAL CERTIFIED BY:

DATE:

SUBJECT MAP: 267 LOT: 3

SANBORN HEAD

SCALE: AS NOTED



NO.	DATE	DESCRIPTION	BY
1	2/05/21	ADDED SHEET PER NH FISH AND GAME COMMENTS	DJD
2	11/09/20	ISSUED FOR SITE PLAN APPROVAL	APM
3	11/03/20	ISSUED FOR NHDES PERMITTING	APM
4	10/23/20	ISSUED FOR BIDDING	APM

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CONSTRUCTION DRAWINGS  
ROCHESTER MATERIALS RECOVERY FACILITY  
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.  
ROCHESTER, NEW HAMPSHIRE

POTENTIAL THREATENED OR  
ENDANGERED SPECIES FLYERS

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25 OF 25