

INTERIM RECORD DRAWINGS
ROCHESTER HAULING COMPANY FACILITY
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.
ROCHESTER, NEW HAMPSHIRE
DECEMBER 2019

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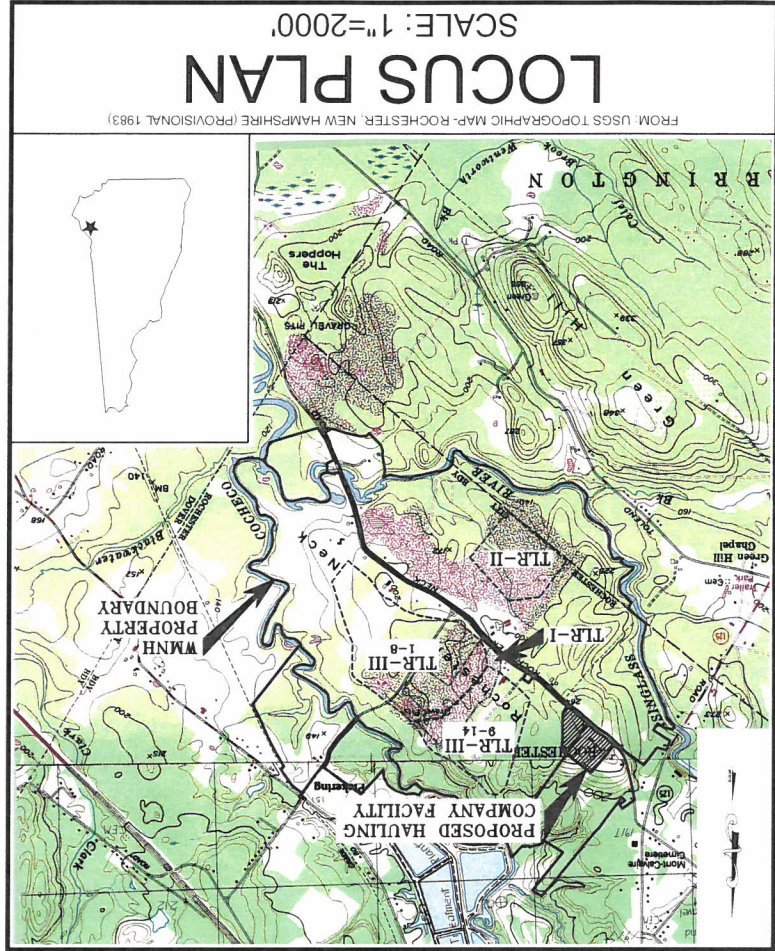
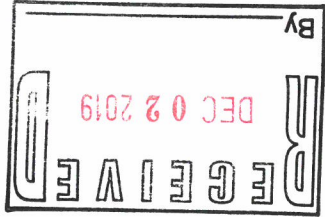
THESE RECORD DRAWINGS ARE INTENDED TO BE A RECORD OF COMPLETION OF CONSTRUCTION TO DEMONSTRATE GENERAL CONFORMANCE WITH THE CONSTRUCTION DRAWINGS SUBMITTED FOR PERMITTING APPROVAL FROM THE CITY OF ROCHESTER PLANNING DEPARTMENT. SANBORN HEAD PREPARED THESE DRAWINGS WITH AS-BUILT SURVEY INFORMATION AND MARKUPS OF THE CONSTRUCTION DRAWINGS PREPARED BY OTHERS. SANBORN HEAD WAS NOT PRESENT DURING CONSTRUCTION AND WAS NOT RESPONSIBLE FOR VERIFYING THE ACCURACY OR COMPLETENESS OF ANY OF THE INFORMATION PRESENTED ON THESE DRAWINGS.

PREPARED BY:

SANBORN HEAD

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

INTERIM RECORD DRAWINGS

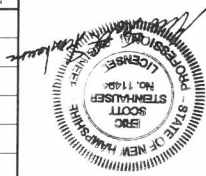


WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.



ROCHESTER, NEW HAMPSHIRE

PREPARED FOR:

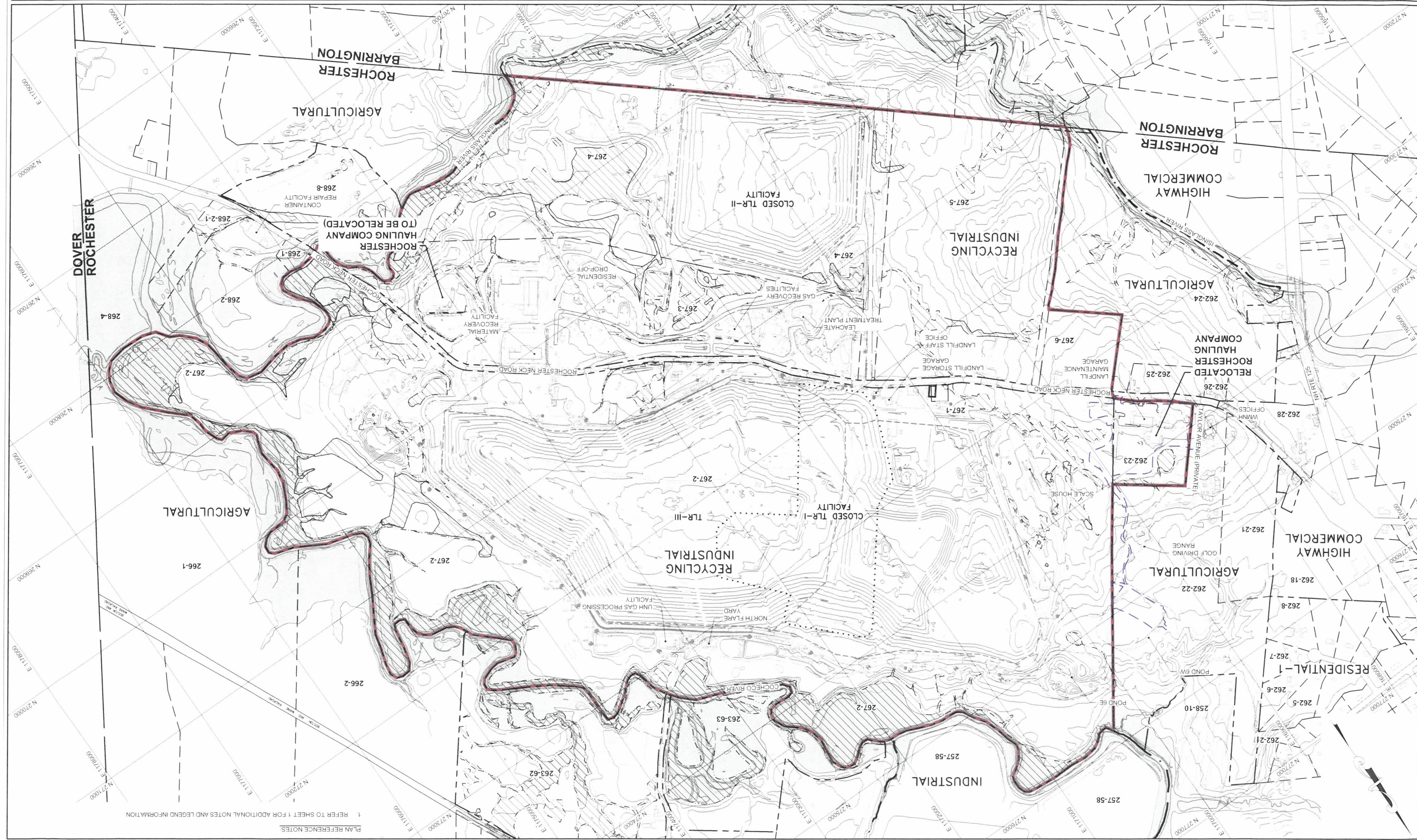
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OVERALL SITE AND ZONING PLAN

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

SHEET NUMBER: 2 OF 22

PROJECT NUMBER 4292.01



PLAN REFERENCE NOTES:

[illegible]

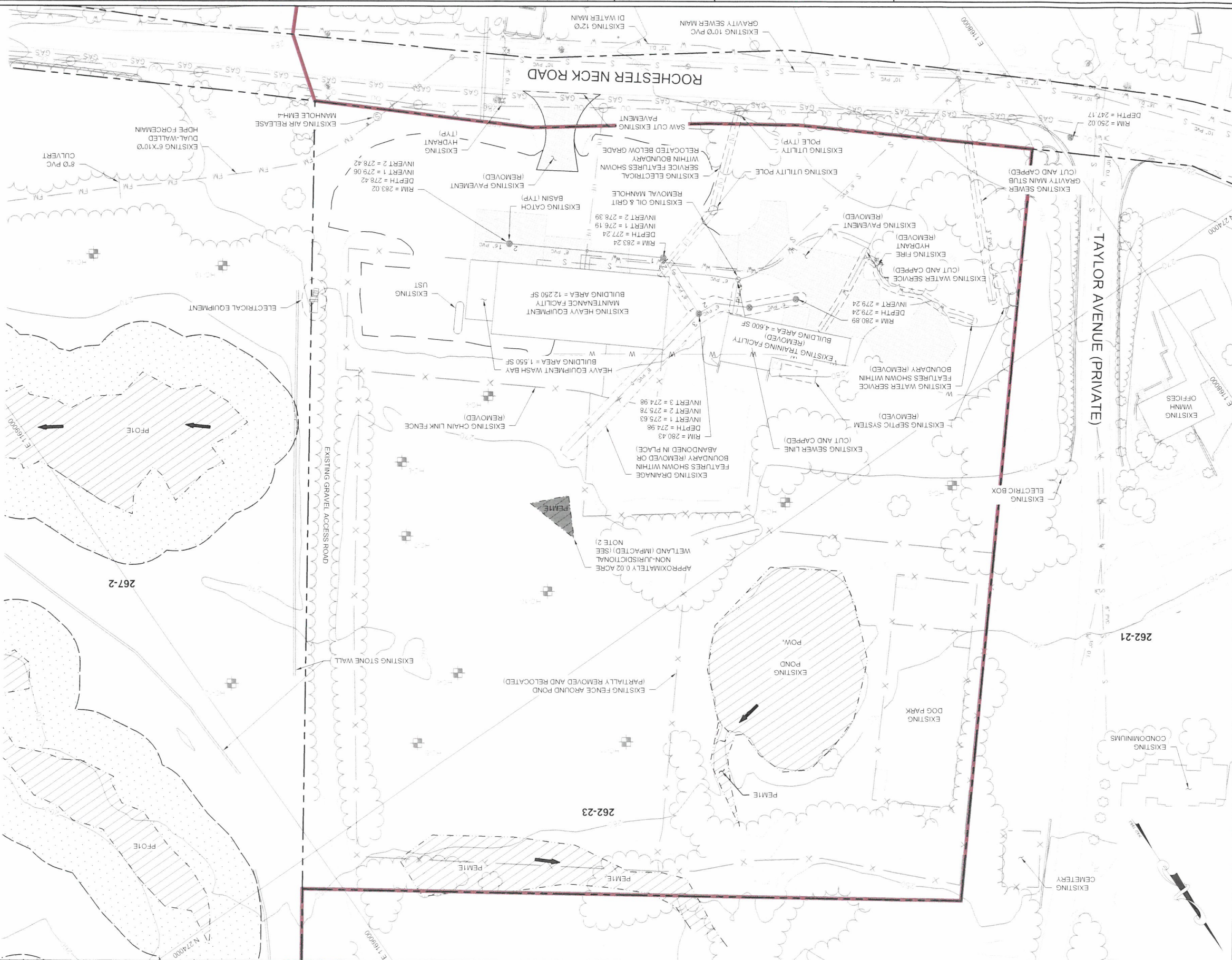
DRAWN BY: D. DOMBROWSKY
DESIGNED BY: A. MATTHEWS / D. LONG
REVIEWED BY: E. STEINHAUSER
PROJECT MGR: E. STEINHAUSER
PIC: E. STEINHAUSER
DATE: DECEMBER 2019

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

EXISTING CONDITIONS AND
DEMOLITION PLAN

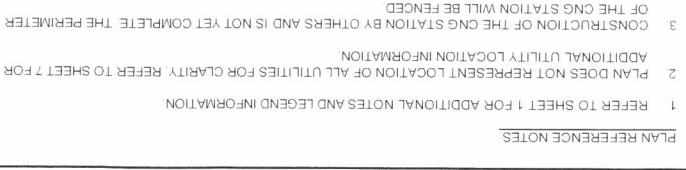
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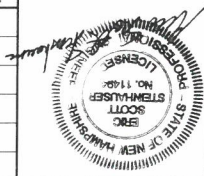
SHEET NUMBER: 3 OF 22



PLAN REFERENCE NOTES

- 1 REFER TO SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION
- 2 THE 0.02 ACRE WETLAND IMPACT SHOWN ON THIS PLAN WAS APPROVED BY THE CITY OF
ROOSEVELT CONSERVATION COMMISSION ON JANUARY 24, 2018 AS PART OF THE TLR-III
SOUTH AREA STANDARD WETLAND IMPACT PERMIT APPLICATION APPROVAL.
- 3 THE EXISTING UTILITIES SHOWN REPRESENT A COMPILATION OF INFORMATION PROVIDED TO
SARBORN HEAD AND IS NOT INCLUSIVE OF ALL ABOVE AND BELOW GRADE UTILITIES
INSTALLED AT THE SITE. LOCATIONS OF UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND
SHOULD BE FIELD VERIFIED.



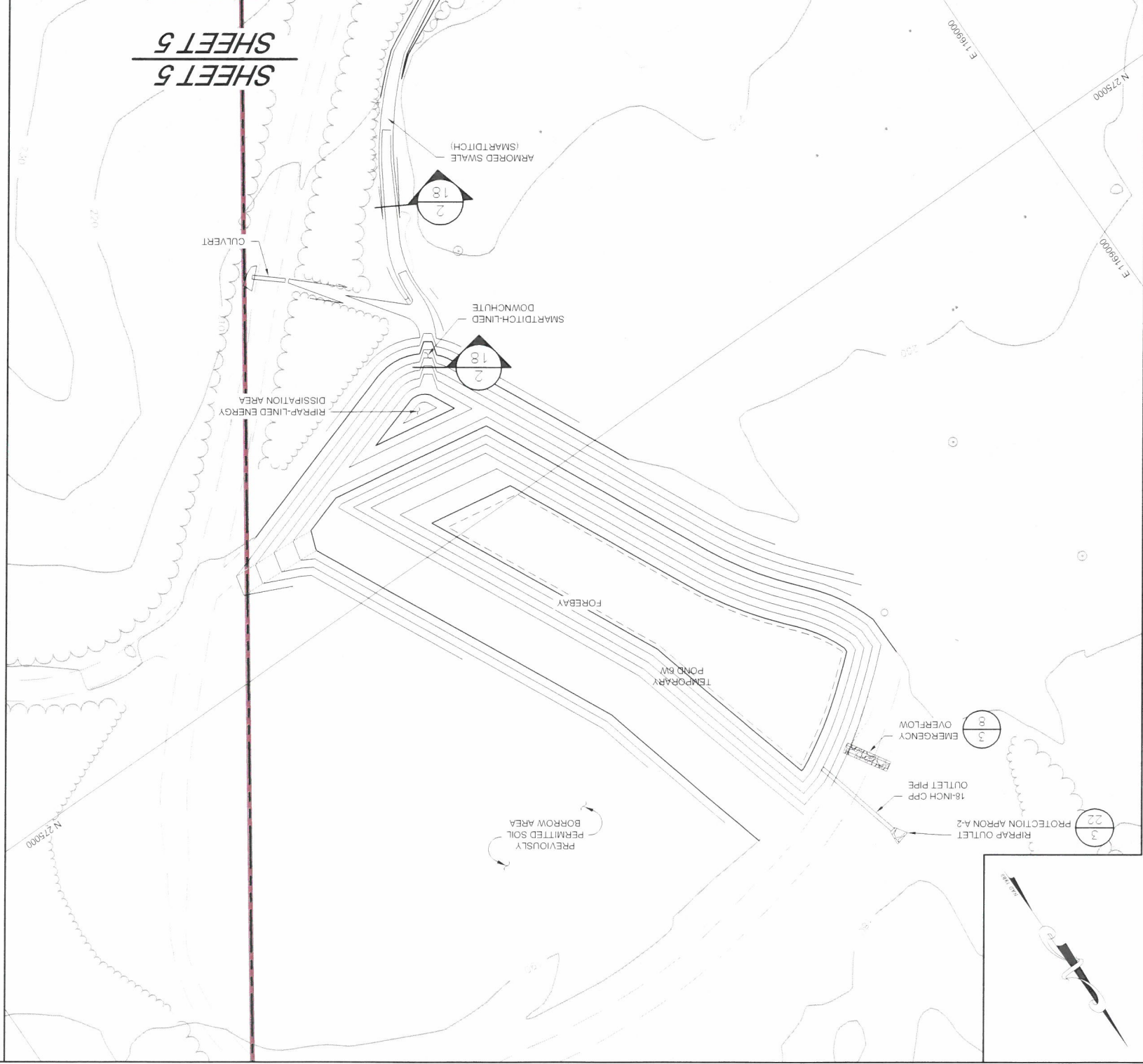


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DESIGNED BY: E. GALVIN / D. LONG
REVIEWED BY: E. STEINHAUSER
PROJECT MGR: E. STEINHAUSER
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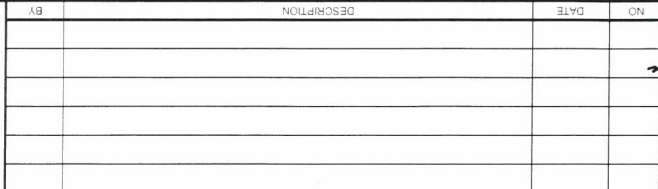
PROJECT NUMBER
4292.01

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5 OF 22

PROPOSED DEVELOPMENT PLAN



SEE SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION



INTERIM RECORD DRAWING
DOCHESTER HAULING COMPANY
MANAGEMENT OF NEW HAMPSHIRE
ROCHESTER, NEW HAMPSHIRE
CIRCULATION, PARKING
SIGNAGE PLAN

The site plan illustrates the layout of the Rochester Fire Department Station 13. The main building complex includes an existing heavy equipment facility, a vehicle maintenance facility, an office facility, and a storage area. Adjacent to the building is a large parking lot with designated spaces for trucks, cars, and accessible vehicles. The plan also shows a snow storage area, a wash bay, and a fire engine bay. Surrounding streets include Rochester Neck Road to the north and Taylor Avenue (Private) to the east. Key features include a 'STOP' sign at the intersection of Rochester Neck Road, a 'CLOSED TO UNAUTHORIZED VEHICLES' sign, and a 'DO NOT ENTER' sign. The plan also shows a 'ROCHESTER HAULING COMPANY' area and a 'ROCHESTER COMPANY OFFICE' area. A north arrow is located in the bottom right corner.

1 REFER TO SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION

2 THE REQUIRED NUMBER OF ACCESSIBLE PARKING SPACES IS BASED ON THE NUMBER OF CAR SPACES REPRESENTED ON THIS DRAWING

3 THE REQUIRED NUMBER OF CAR PARKING IS BASED ON THE CITY OF ROCHESTER SITE PLAN REGULATIONS ARTICLE III SECTION 10 - PARKING AND CIRCULATION WITH ADJUSTMENTS FOR REQUESTED WAIVERS

VEHICLE	REQUIRED	AVAILABLE
TRUCK - PARKING AREA	107	107
CAR	184	157
WHEELCHAIR ACCESSIBLE	5	5
WHEELCHAIR ACCESSIBLE	1	1

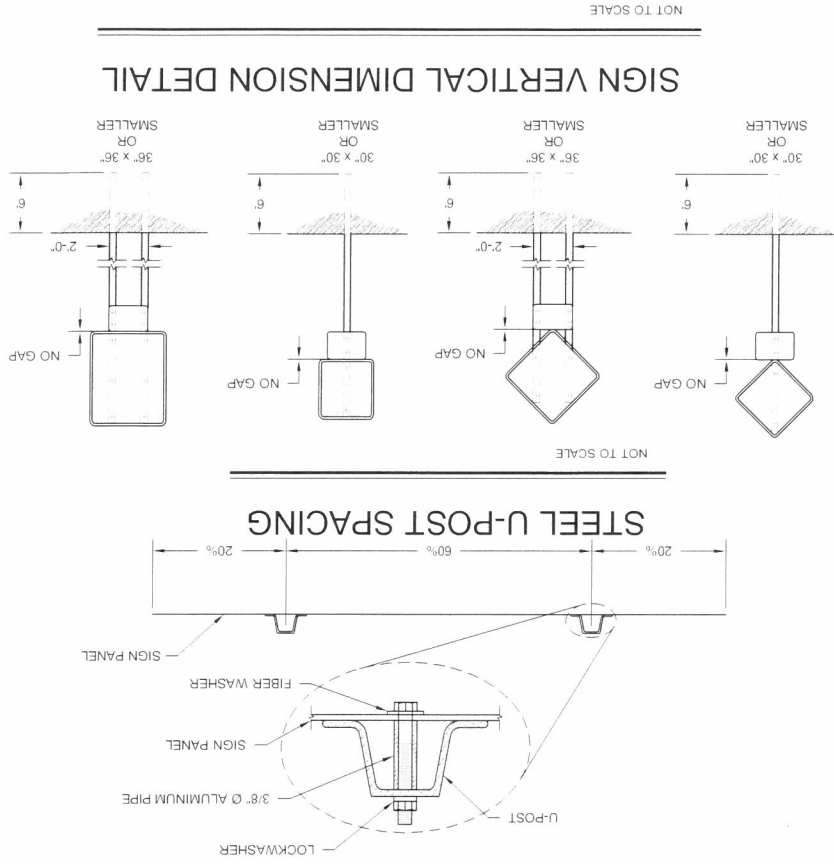
1. REFER TO SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION.

THE REQUIRED NUMBER OF ACCESSIBLE PARKING SPACES IS BASED ON THE NUMBER OF CAR SPACES REPRESENTED ON THIS DRAWING.

THE REQUIRED NUMBER OF ACCESSIBLE PARKING SPACES IS BASED ON THE NUMBER OF CAR SPACES REPRESENTED ON THIS DRAWING.

EXISTING SIGN INFORMATION		
SIGN DESIGNATION	DIMENSIONS	
SIGN "A"	36" X 36"	"LANE ENDS MERGE LEFT"
SIGN "B"	36" X 36"	"STEEP GRADE CAUTION"
SIGN "C"	8" X 6" WIDE	"LARGE SIGN AT ENTRANCE"
SIGN "D"	36" X 36" & 12" X 48" WIDE (APPROX.)	"GOLF RANGE"

SIGN VERTICAL DIMENSION DETAIL



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DESIGNED BY: A. MATTHEWS / D. LONG
REVIEWED BY: E. STEINHAUSER
PROJECT MGR: E. STEINHAUSER
PIC: E. STEINHAUSER
DATE: DECEMBER 2019

SHEET NUMBER: 7 OF 22

PROJECT NUMBER: 4292.01



1. REFER TO SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION
2. LOCATIONS OF UTILITIES SHOWN ARE CONCEPTUAL. DESIGNING LOCATIONS FOR UTILITIES AND COORDINATING UTILITY CROSSINGS ARE THE RESPONSIBILITY OF THE DESIGN BUILD ENGINEER
2. DISTRIBUTION, SIGNAL, AND ELECTRICAL UTILITIES FOR CNG EQUIPMENT TO BE DESIGNED BY CNG DESIGNER

[illegible]

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PROJECT MGR: E. STEINHAUSER
PIC: E. STEINHAUSER
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INTERIM RECORD DRAWINGS
ROCHESTER HAULING COMPANY FACILITY
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.
ROCHESTER, NEW HAMPSHIRE

POND 6W PLAN AND PROFILE

8 OF 22



TEMPORARY POND 6W PLAN

SCALE AS NOTED

NOTE: 1 IN ACCORDANCE WITH THE PREVIOUSLY PERMITTED BORROW AREA 6W, TEMPORARY POND 6W ALSO INFILTRATES STORMWATER DETAINED BELOW THE OUTLET PIPE ELEVATION

NOTE:

PLAN REFERENCE NOTES:

1. REFER TO SHEET 1 FOR ADDITIONAL NOTES AND LEGEND INFORMATION.

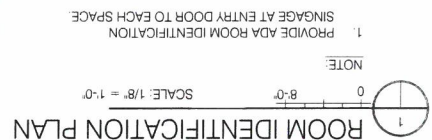
[illegible]

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

PROJECT NUMBER: 4292.01

SHEET NUMBER: 9 OF 22



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XIE L. S. lxie@math.umd.edu, Department of Mathematics, University of Maryland, College Park, MD 20742, USA

MAJOR S. C. STEINBERGER, JR.
C. STEINBERGER & ASSOCIATES, INC.

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ISSUE DATE
1.28.19
SHEET SCALE
1/8" = 1'-0"

DRAWN BY
AEW
SHEET TITLE
ROOM

**CONSTRUCTION
DOCUMENTS**

REVISIONS

PROJECT NO.
18029

PROJECT NAME
WMNH
ROCHESTER

Sheridan Construction
739 Warren Ave
Portland, ME 04103
207.774.6138
dwhitney@sheridancor



build
ARCHITECTURE

Bild Architecture
PO Box 8235
Portland, ME
04104
207.408.0168
evan@bildarchitecture.com

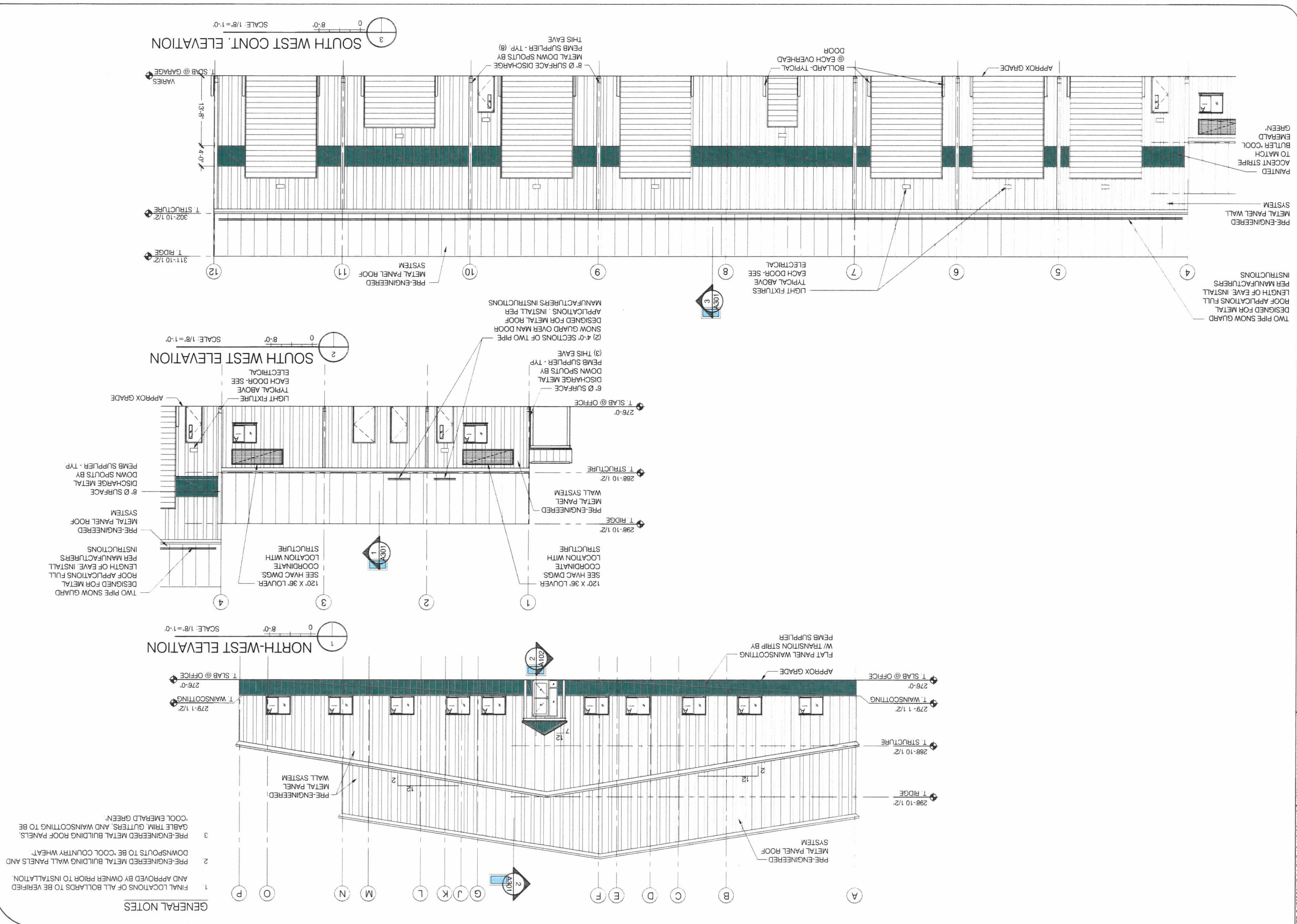
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REVIEWED BY: E. STEINHAUSER
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INTERIM RECORD DRAWINGS
ROCHESTER HAULING COMPANY FACILITY
WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.
ROCHESTER, NEW HAMPSHIRE

BUILDING ELEVATIONS

PROJECT NUMBER:
4292.01

SHEET NUMBER:
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201 A		ISSUE DATE 1.28.19	DRAWN BY AEW
SHEET SCALE N.T.S.		SHEET TITLE EXTERIOR ELEVATIONS	
CONSTRUCTION DOCUMENTS		REVISIONS 1 2 3 4 5	PROJECT NO. 18029 PROJECT NAME WMNH ROCHESTER, NH
 Sheridan Construction 739 Warren Ave Portland, ME 04103 207.774.6138 dwmiley@sheridancorp.com			
		Bild Architecture PO Box 8235 Portland, ME 04101-0235 207.408.0166 evan@bildarchitecture.com	



SCALE: AS NOTED

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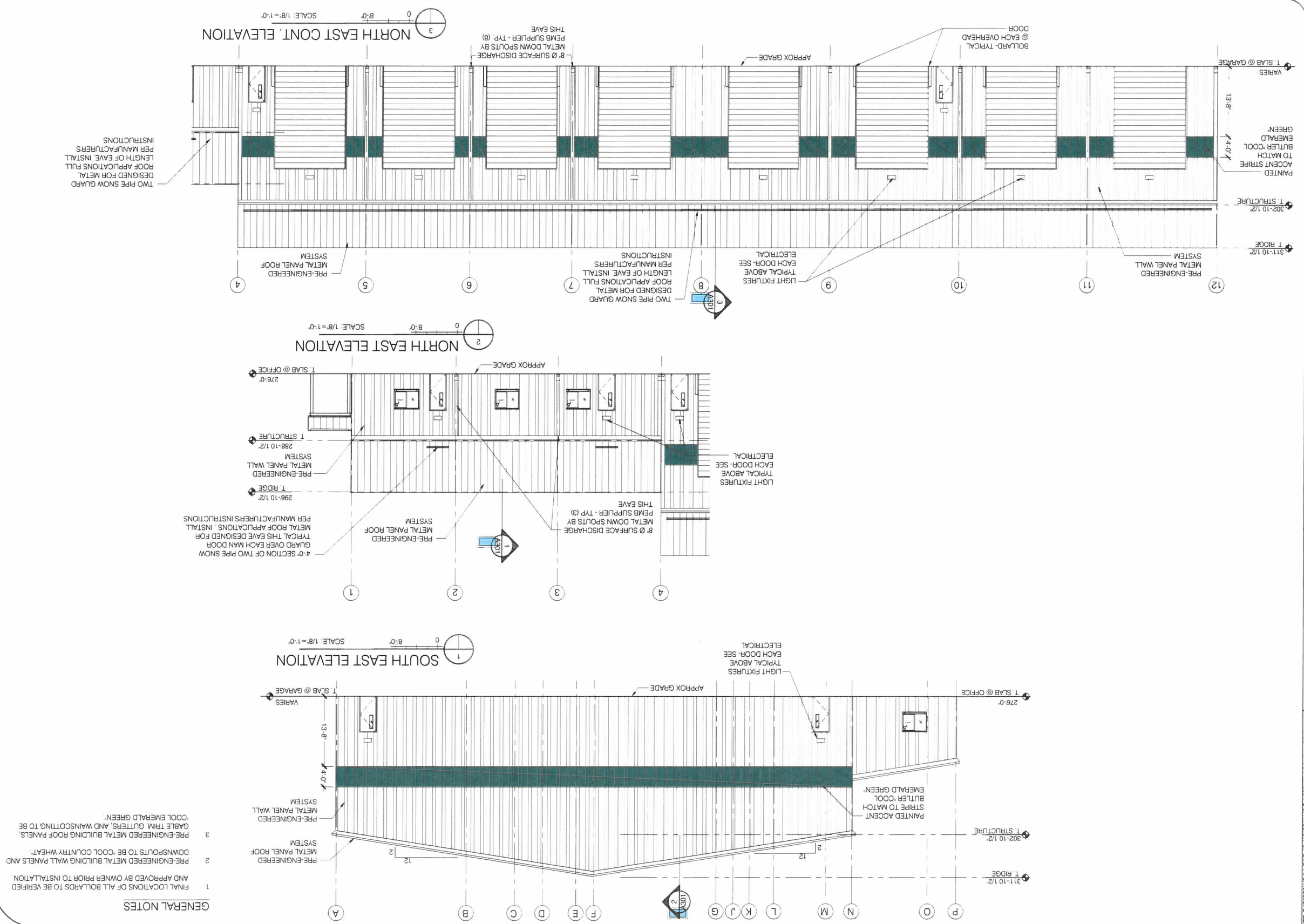
DRAWN BY: D. DOMBROWSKY
DESIGNED BY: D. LONG
REVIEWED BY: E. STEINHAUSER
PROJECT MGR.: E. STEINHAUSER
PIC.: E. STEINHAUSER
DATE: DECEMBER 2019

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

BUILDING ELEVATIONS

PROJECT NUMBER: 4292.01

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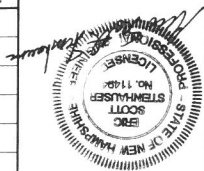


GENERAL NOTES	
1	FINAL LOCATIONS OF ALL BOLLARDS TO BE VERIFIED AND APPROVED BY OWNER PRIOR TO INSTALLATION
2	PRE-ENGINEERED METAL BUILDING WALL PANELS AND DOWNSPOUTS TO BE COOL COUNTRY WHEAT.
3	PRE-ENGINEERED METAL BUILDING ROOF PANELS, GALE T1M, GUTTERS AND MAINSCOTTING TO BE COOL EMERALD GREEN.

ISSUE DATE 1.28.19 SHEET SCALE 1/8" = 1'-0"	DRAWN BY AEW SHEET TITLE EXTERIOR ELEVATIONS	CONSTRUCTION DOCUMENTS	REVISIONS <table border="0"> <tr> <td>1</td> <td>-</td> </tr> <tr> <td>2</td> <td>-</td> </tr> <tr> <td>3</td> <td>-</td> </tr> <tr> <td>4</td> <td>-</td> </tr> <tr> <td>5</td> <td>-</td> </tr> </table>	1	-	2	-	3	-	4	-	5	-	PROJECT NO. 18029 PROJECT NAME WMNH ROCHESTER, NH
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2	-													
3	-													
4	-													
5	-													
														
Sheridan Construction 739 Warren Ave Portland, ME 04103 207.774.6138 dwbiney@sheridancorp.com														
														
														
Bild Architecture PO Box 9235 Portland, ME 04104-0235 207.408.0168 evan@bildarchitecture.com														

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ISSUE DATE
1.28.19
SHEET SCALE
1/8" = 1'-0"



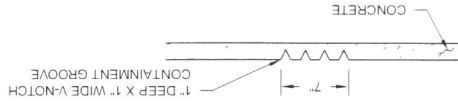
NO.	DATE	DESCRIPTION	BY

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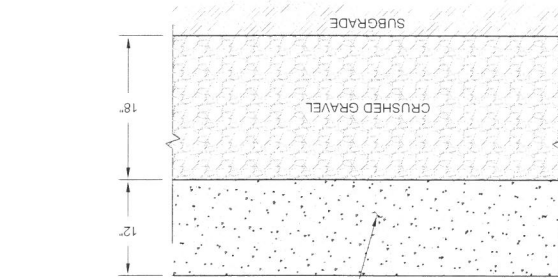
DETAILS

PROJECT NUMBER: 4292.01
SHEET NUMBER: 12 OF 22

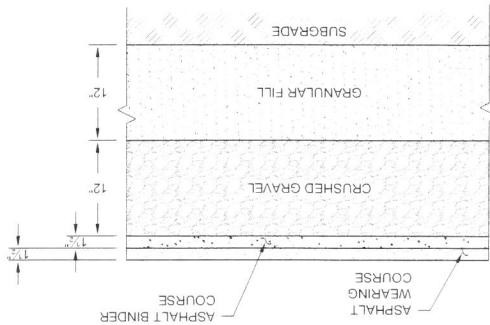
POSITIVE LIMITING BARRIER DETAIL



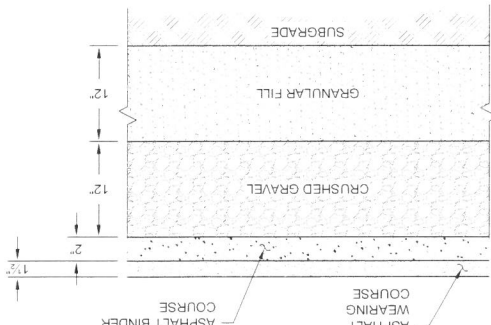
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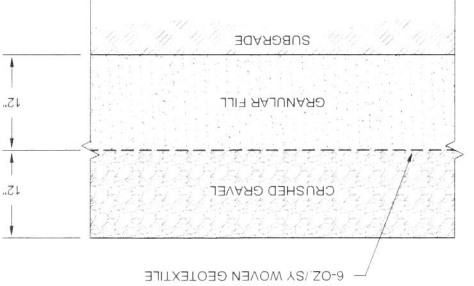
LIGHT DUTY PAVEMENT SECTION



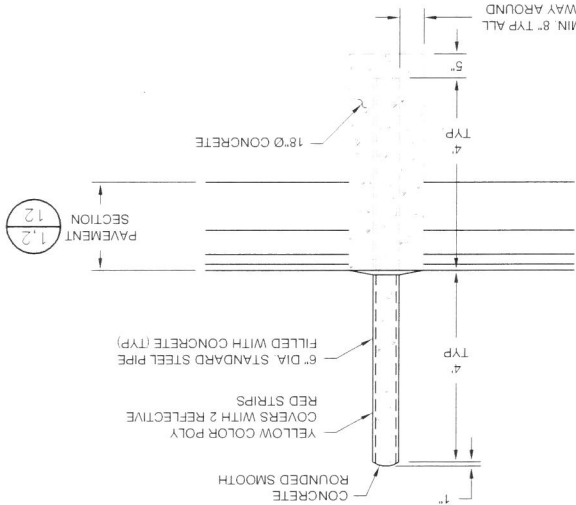
HEAVY DUTY PAVEMENT SECTION



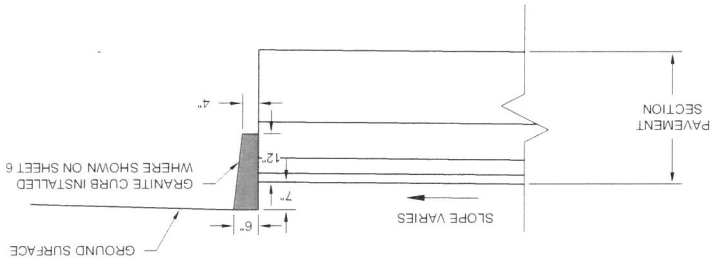
CRUSHED GRAVEL SECTION



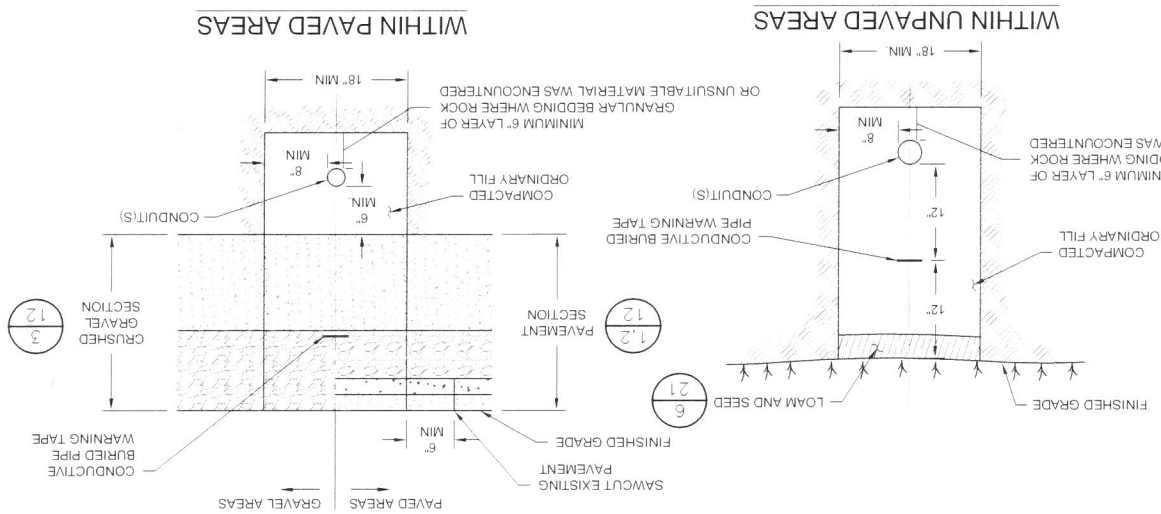
BOLLARD DETAIL



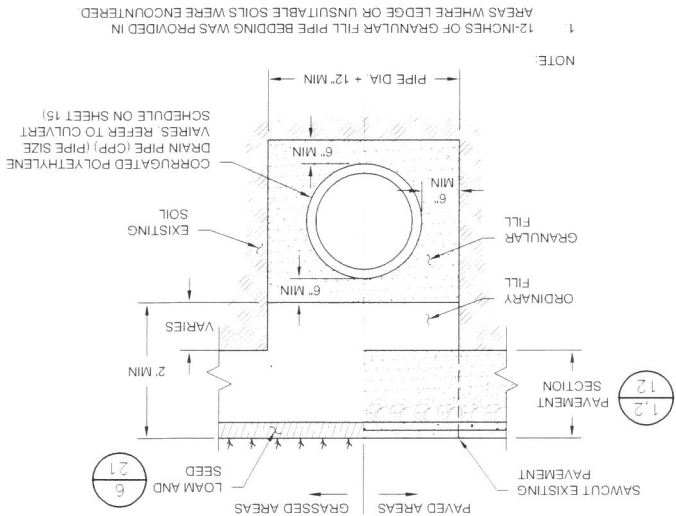
GRANITE CURB DETAIL



TYPICAL ELECTRIC CONDUIT TRENCH SECTIONS



CULVERT PIPE SECTION





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DESIGNED BY: A. MATTHEWS / D. LONG
REVIEWED BY: E. STEINHAUSER
PROJECT MGR: E. STEINHAUSER
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SHEET NUMBER: 13 OF 22

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



1. MINIMUM TREE HEIGHT FROM GROUND SURFACE OF 4- FEET.

2. TREE SPECIES TO BE SELECTED AS PART OF THE LANDSCAPE DESIGN AND SHALL BE ABLE TO TOLERATE EXPECTED CONDITIONS.

NOTES:

Diagram illustrating the components of a tree in a container, with labels pointing to specific parts:

- 2 TIMES WIDTH OF BALL OR CONTAINER
- COMPACTED LOAM BACKFILL
- AMENDED TOPSOIL BACKFILL - SOIL AT BOTTOM OF HOLE WAS
- MIN. SHREDDED BARK MULCH
- 4" EARTH SAUCER-FILL WITH 3"
- SCARIFIED
- BURLAP REMOVED FROM TO 1/3 OF BALL SIDES OF SOIL OR ROOT MASS
- ROOT BALL - 4" LIP ON SAUCER
- 3" SHREDDED BARK MULCH NOT FILLED OVER TOP OF
- GRADE WAS FLUSH
- ROOT COLLAR AT FINISHED
- ADJUNCTIONSHIP OF TREE

PENDING



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NOT TO SCALE



1



NOT TO SCALE



NOTE:



Diagram illustrating a manhole access using a precast concrete ring and red sewer brick. The diagram shows a cross-section of a manhole with a precast concrete ring and a red sewer brick. The brick is set in a 4" of mortar. The manhole access is shown with a manhole cover and a manhole opening. The diagram is labeled with 'A' at the top and bottom, and 'SEWER MAIN' and 'SEWER MANHOLE' on the right side.

5



3)

NOT TO SCALE

- NOTES:



- NOTES:

NOT TO SCALE



NO.	DATE	DESCRIPTION

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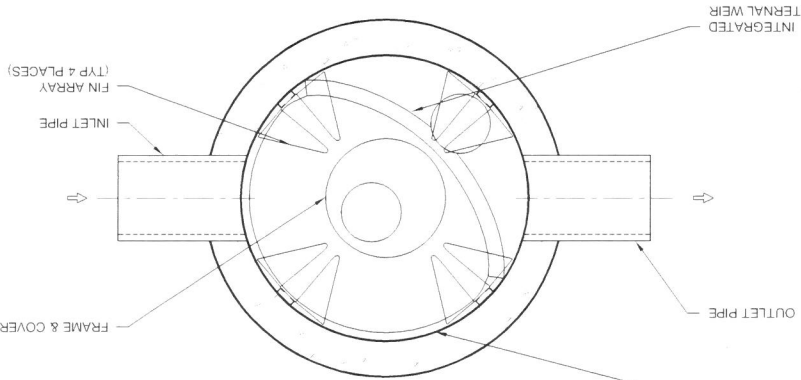
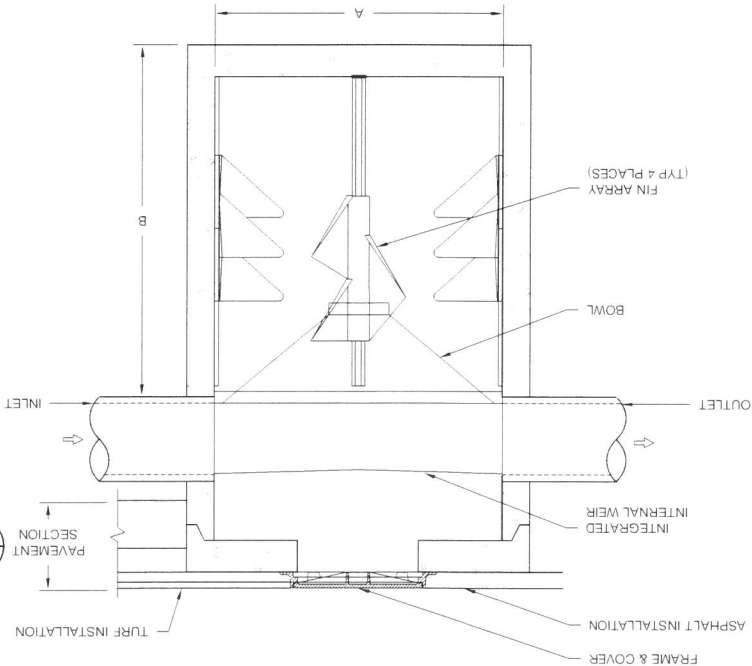
INTERIM RECORD DRAWINGS
ROCHESTER HAULING COMPANY FACILITY
ROCHESTER, NEW HAMPSHIRE

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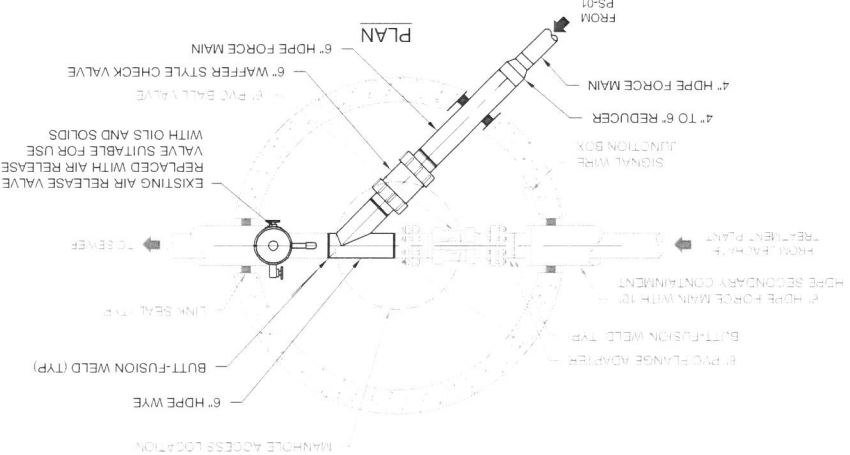
TYPICAL HYDRODYNAMIC SEPARATOR

- NOTES
- HYDRODYNAMIC SEPARATORS INSTALLED WERE MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS. HS-01 IS A BAYSAYER BARRACUDA MODEL S8. HS-02 IS A BAYSAYER BARRACUDA MODEL S6.
 - HYDRODYNAMIC SEPARATORS WERE DESIGNED BY LICENSED ENGINEER RETAINED BY THE CONTRACTOR TO PROVIDE MINIMUM TREATMENT FOR THE WATER QUALITY FLOWS.

HYDRODYNAMIC SEPARATOR SCHEDULE			
ID	A	B	
HS-01	96"	11'	
HS-02	72"		6.92'

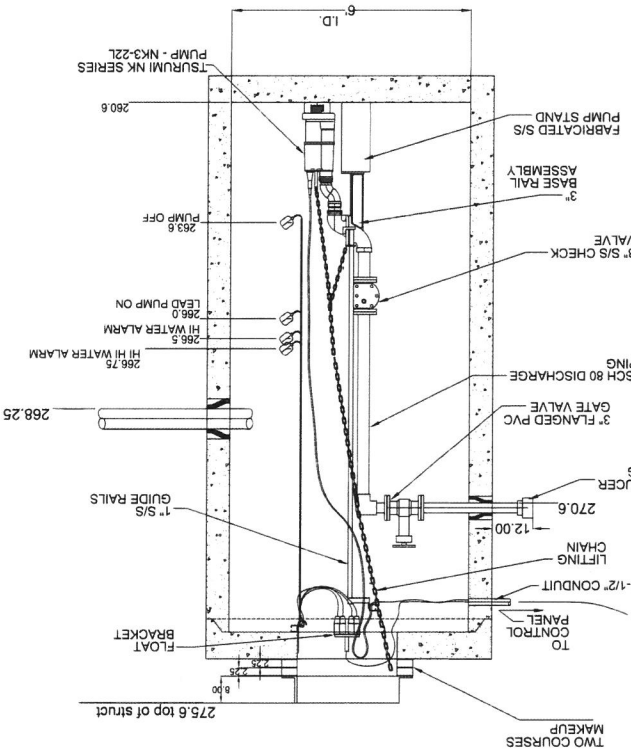


TIE IN DETAIL AT EMH-4
SEWER FORCEMAIN

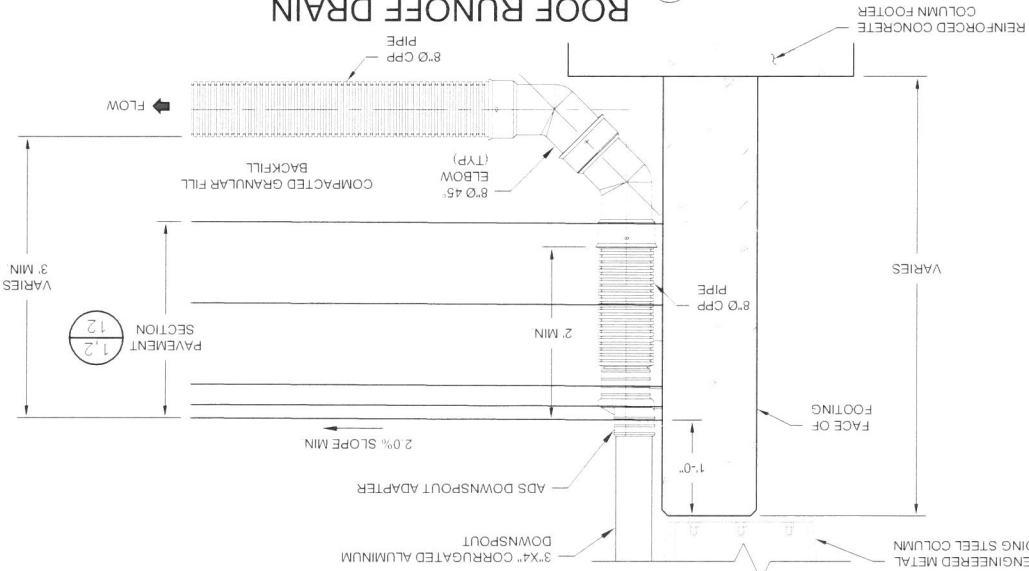


PUMP STATION PS-01 DETAIL

- NOTES
- THE DRAIN STRUCTURE IS A REINFORCED CONCRETE PRECAST STRUCTURE FOR PRECAST STRUCTURE WAS BE DESIGNED BY THE MANUFACTURER CAST-IN AT THE FACTORY AND SHIPPED TO THE SITE. REINFORCEMENT FOR PRECAST STRUCTURE WITH ALL REQUIRED WALL PENETRATIONS AND DRAIN INLET FRAME MANUFACTURED BY SIKKA CORPORATION OF MARION, OHIO.
 - INTERIOR FLOOR AND WALL OF DRAIN STRUCTURE WAS COATED AFTER INSTALLATION WITH 2 COATS OF SIKAGARD 62, COLOR GRAY WATER-PROOFING PRODUCT DESIGNED FOR THIS APPLICATION.
 - EXTERIOR SURFACES OF THE DRAIN STRUCTURE WERE INSTALLED BELOW GROUND SURFACE SHALL BE COATED WITH A CUT-BACK ASPHALT JOINTS IN DRAIN STRUCTURE WERE SEALED WITH EZ-STIK BUTYL-RUBBER-BASED PREFORMED FLEXIBLE SEALANT AND EXTERIOR OF JOINTS SHALL BE SEALED WITH EZ-WRAP EPDM-BACKED BUTYL-RUBBER-BASED TAPE.



ROOF RUNOFF DRAIN



A circular professional engineer seal for the State of New Hampshire. The outer ring contains the text "STATE OF NEW HAMPSHIRE" at the bottom and "PROFESSIONAL ENGINEER" at the top. Inside the ring, the text "LICENSED" is at the top, "NO. 1149" is in the center, and "SCOTT STIMPEL" is at the bottom. The seal is stamped over a handwritten signature.

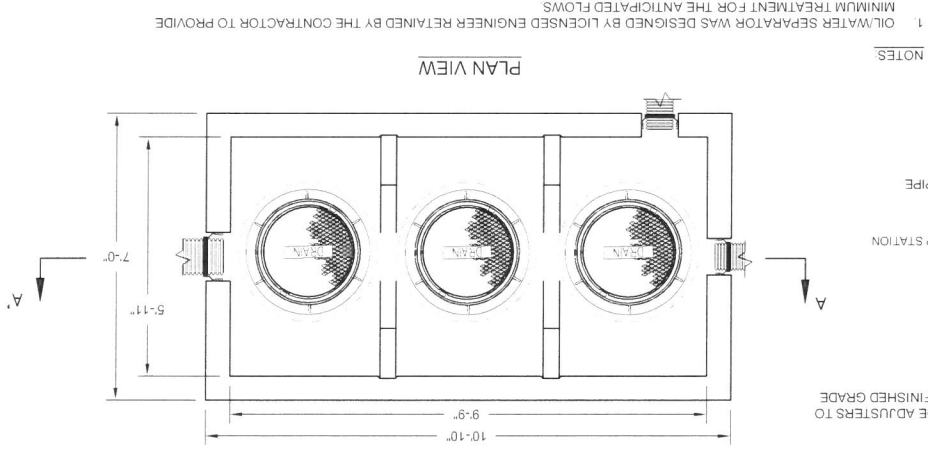
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INTERIM RECORD DRAWINGS
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WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.
ROCHESTER, NEW HAMPSHIRE

PROJECT NUMBER:
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SHEET NUMBER:
17 OF 22

2

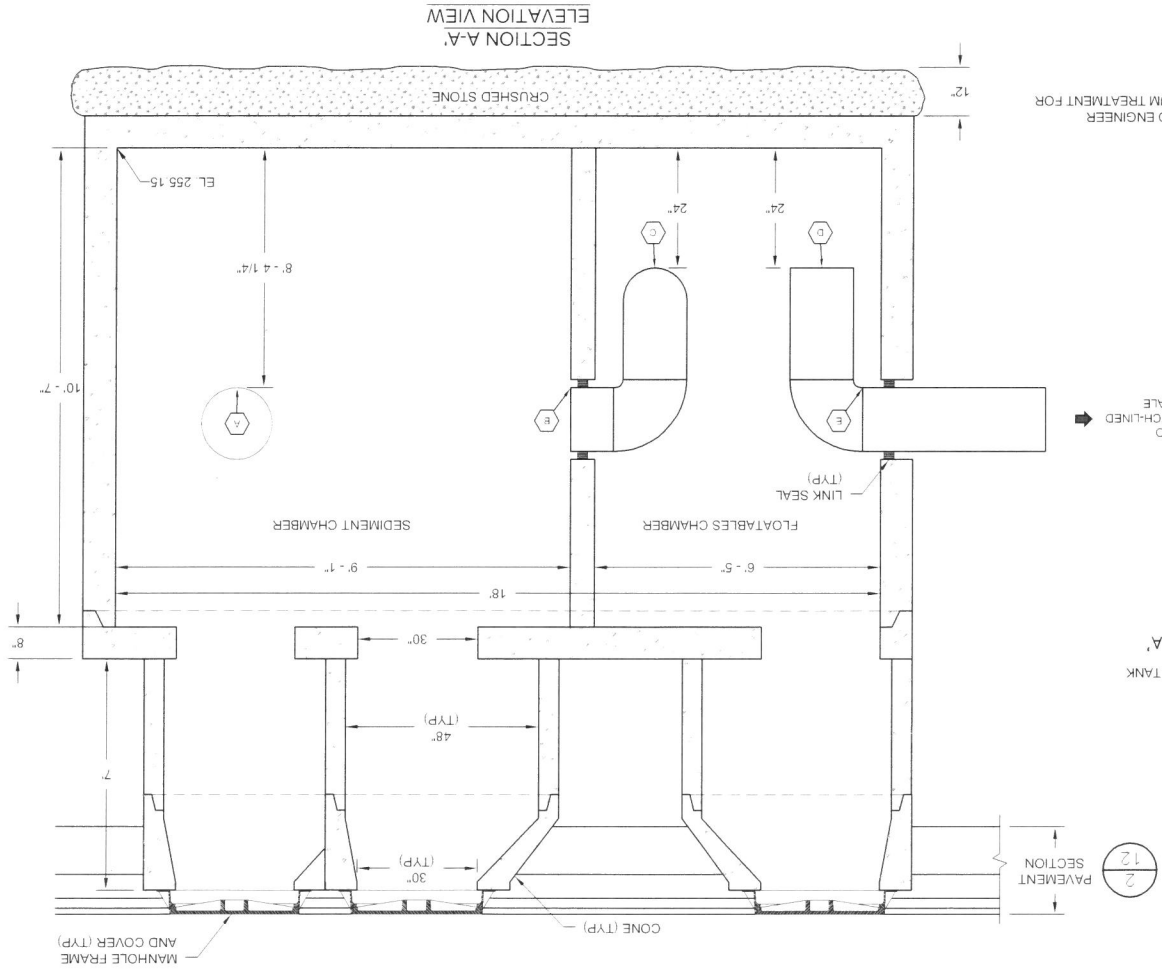
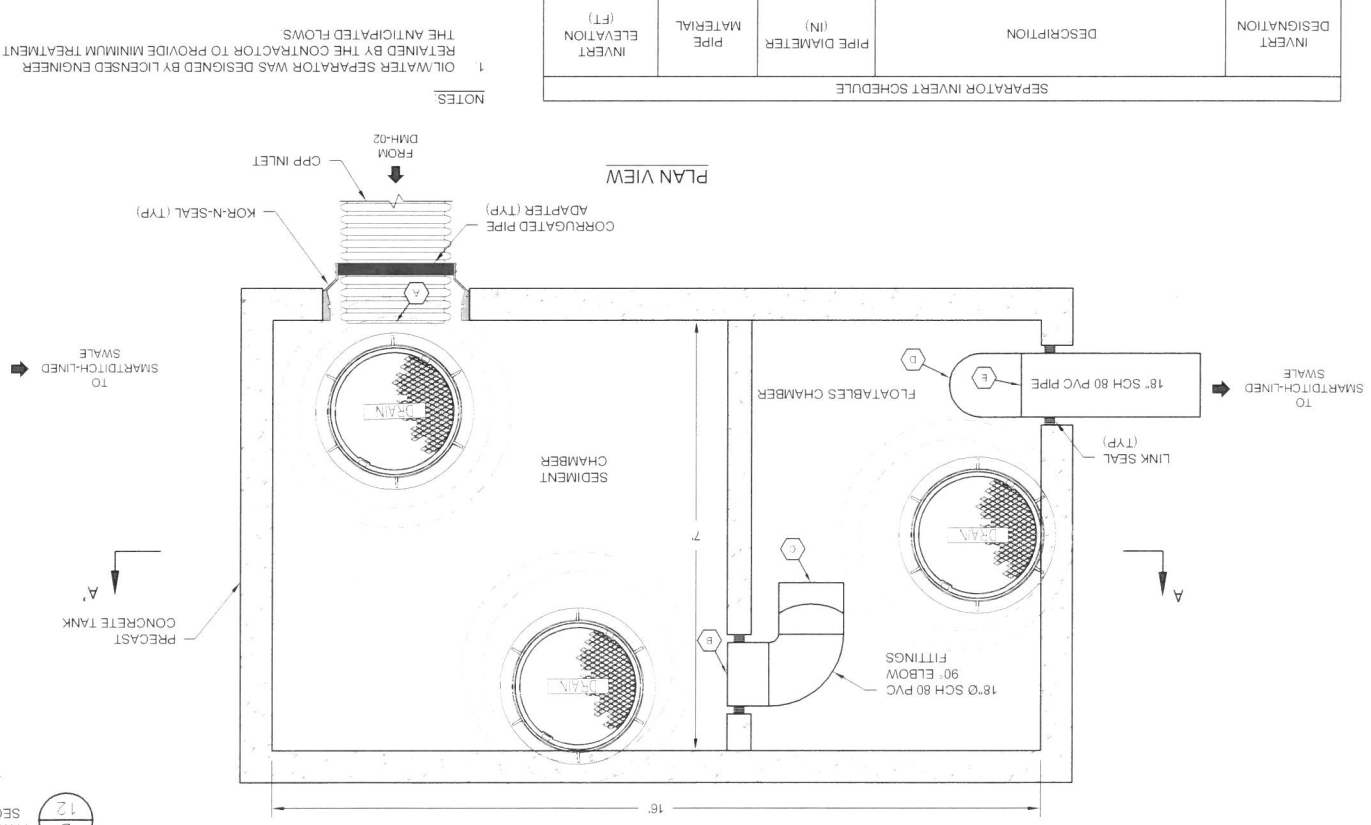


1

SEPARATOR INVERT SCHEDULE				
INVERT DESIGNATION	DESCRIPTION	PIPE DIAMETER (IN)	PIPE MATERIAL	INVERT ELEVATION (FT)
A	PIPE FROM DMH-02	18	GPP	263.50
B	FLOATABLES CHAMBER INLET (UPPER)	18	PVC	263.50
C	FLOATABLES CHAMBER INLET (LOWER)	18	PVC	257.15
D	FLOATABLES CHAMBER OUTLET (UPPER)	18	PVC	257.15
E	FLOATABLES CHAMBER OUTLET (LOWER)	18	PVC	263.50

NOTES:

1. OIL/WATER SEPARATOR WAS DESIGNED BY LICENSED ENGINEER
RETAINED BY THE CONTRACTOR TO PROVIDE MINIMUM TREATMENT FOR
THE ANTICIPATED FLOWS.



DRAWN BY: D. DOMBROWSKY
DESIGNED BY: D. LONG
REVIEWED BY: E. STEINHAUSER
PROJECT MGR: E. STEINHAUSER
PIC: E. STEINHAUSER
DATE: DECEMBER 2019

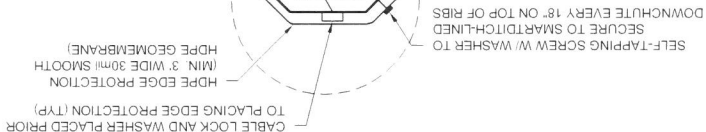
PROJECT NUMBER: 4292.01

SHEET NUMBER: 18 OF 22

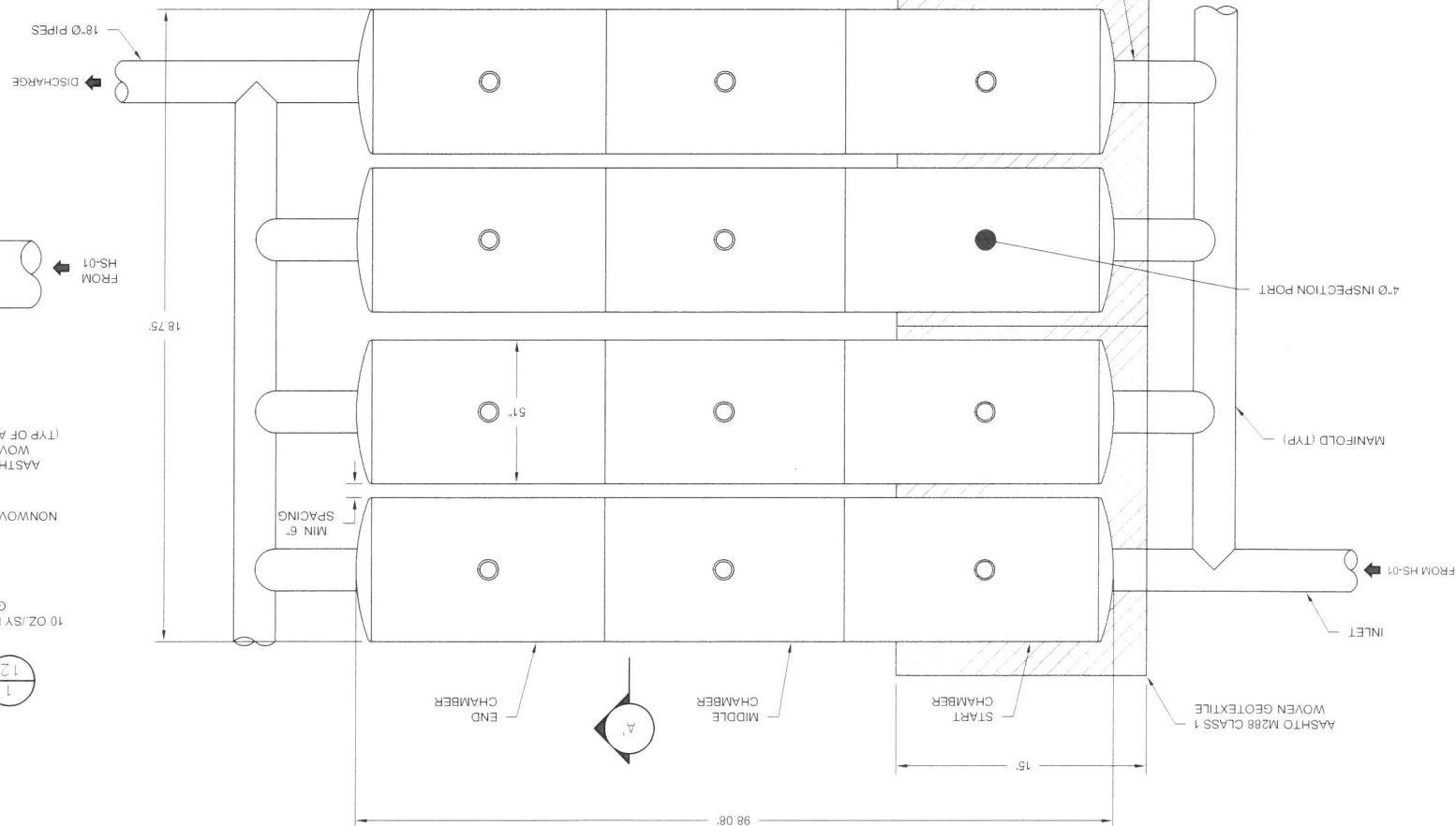
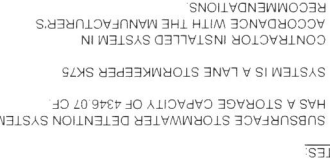
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NOT TO SCALE



NOT TO SCALE

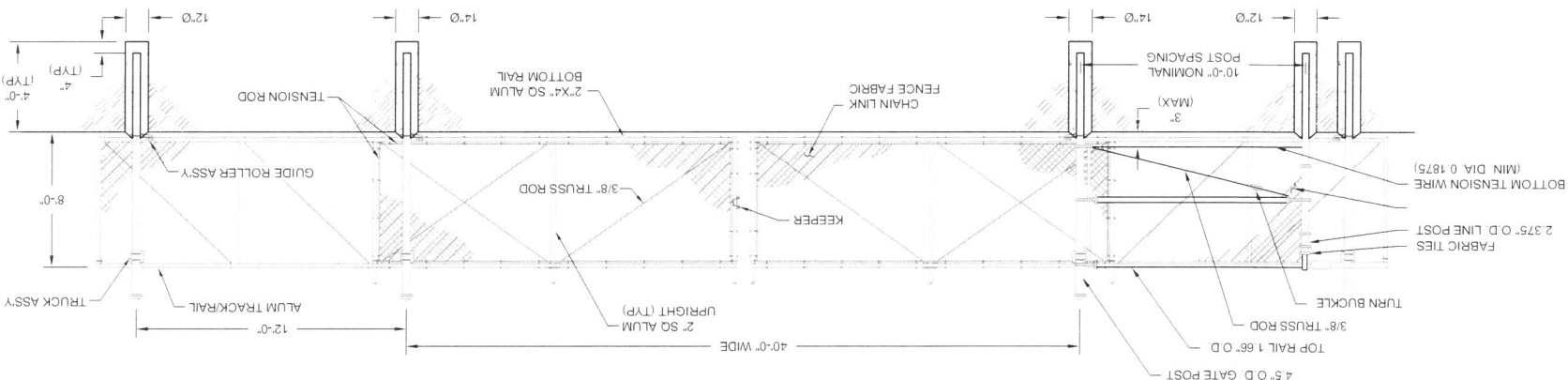


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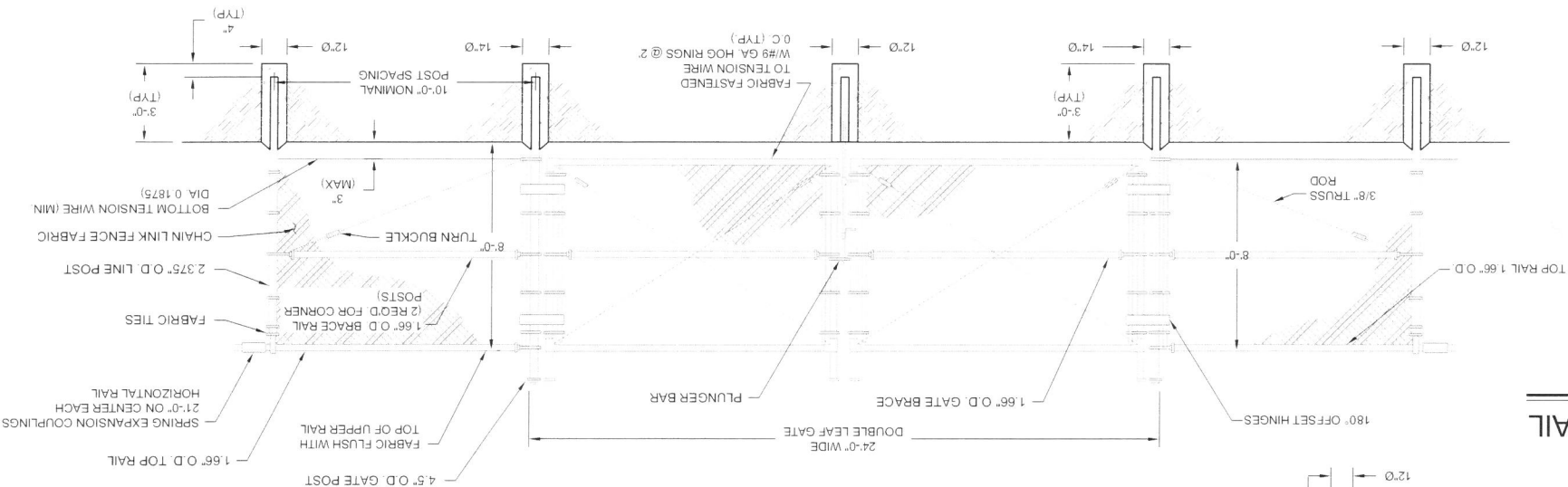
INTERIM RECORD DRAWINGS
ROCHESTER HAULING COMPANY FACILITY
ROCHESTER, NEW HAMPSHIRE, INC.

SHEET NUMBER: 19 OF 22

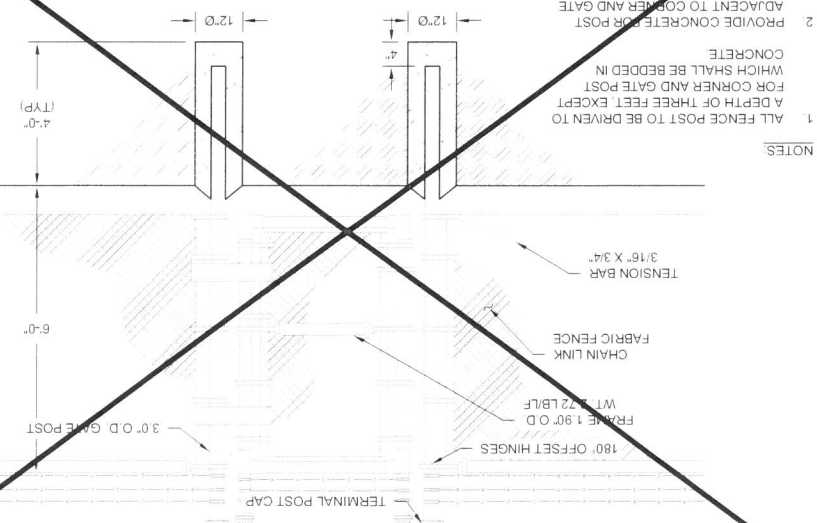
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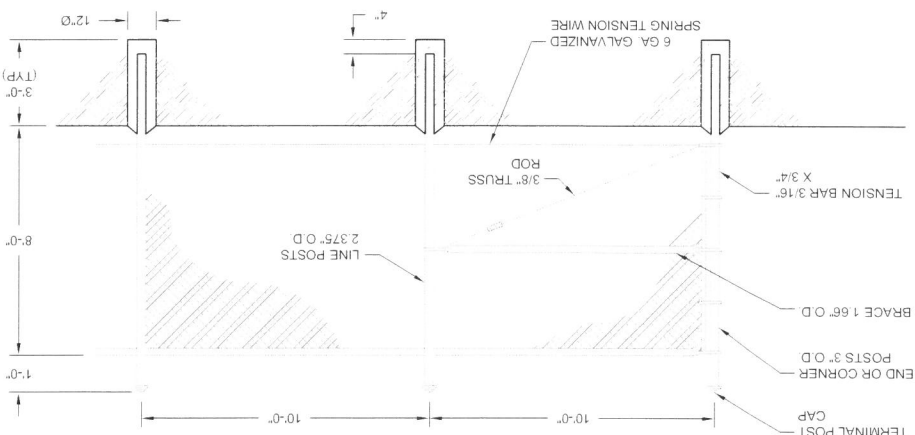
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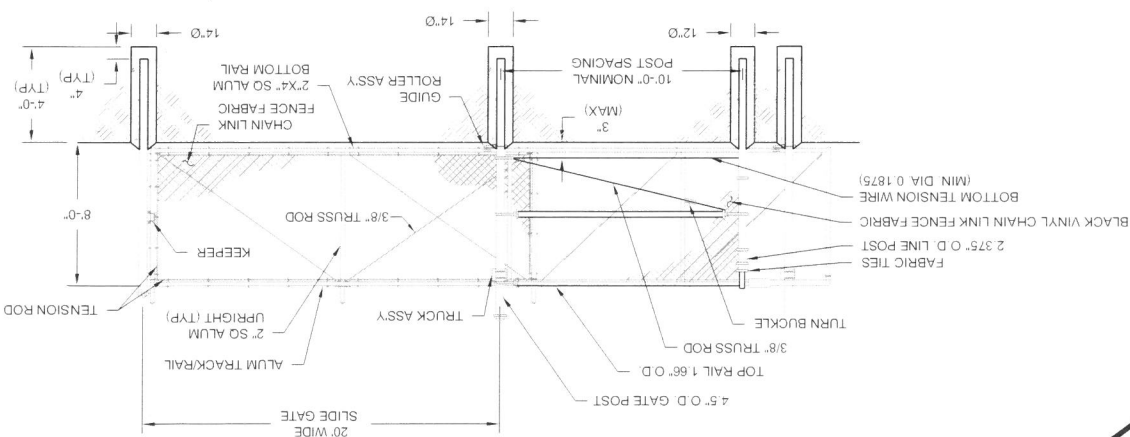
2



NOT TO SCALE



3



SCALE: AS NOTED



NO	DATE	DESCRIPTION

DRAWN BY: D. DOMBROWSKY
 DESIGNED BY: A. MATTHEWS / D. LONG
 REVIEWED BY: E. STEINHAEUSER
 PROJECT MGR: E. STEINHAEUSER
 PIC: E. STEINHAEUSER
 DATE: DECEMBER 2019

INTERIM RECORD DRAWINGS
 ROCHESTER HAULING COMPANY FACILITY
 WASTE MANAGEMENT OF NEW HAMPSHIRE, INC.
 ROCHESTER, NEW HAMPSHIRE
 EROSION AND SEDIMENTATION CONTROL DETAILS

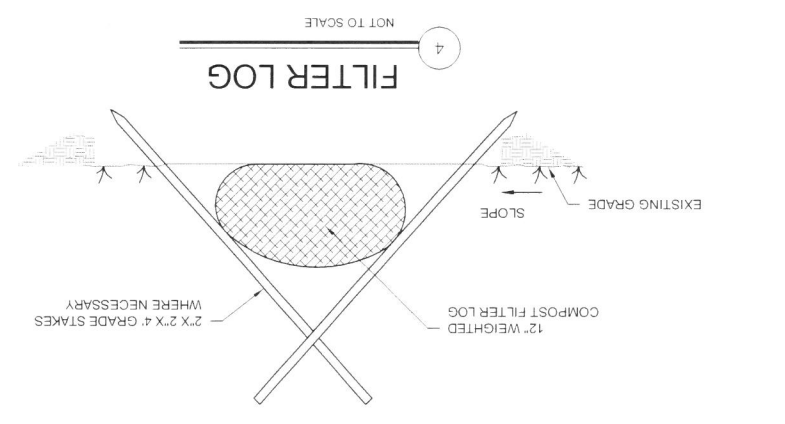
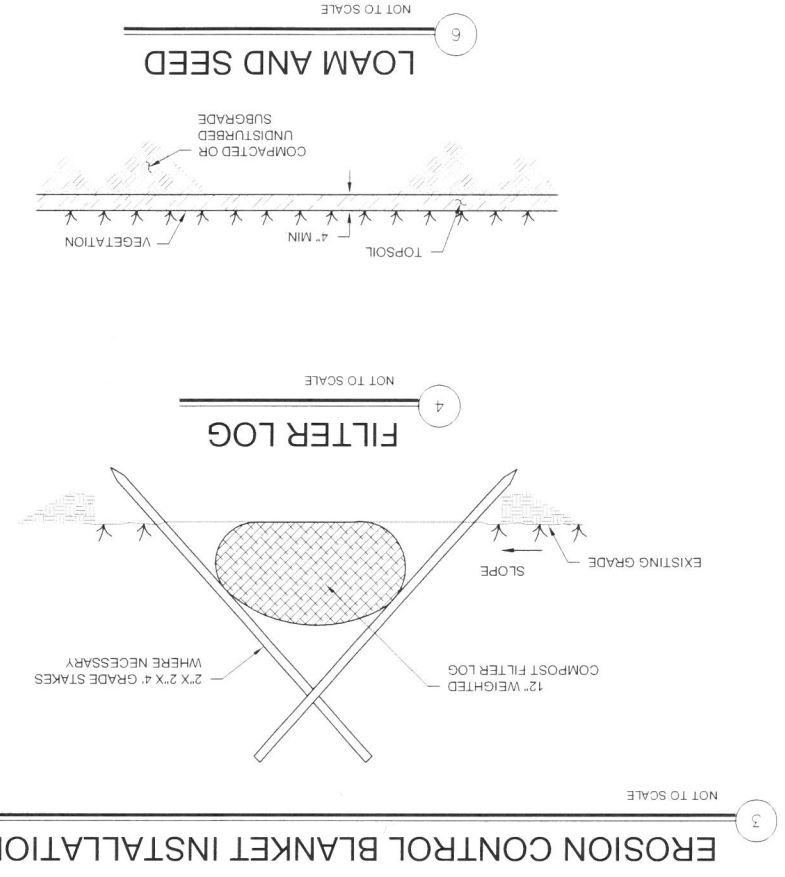
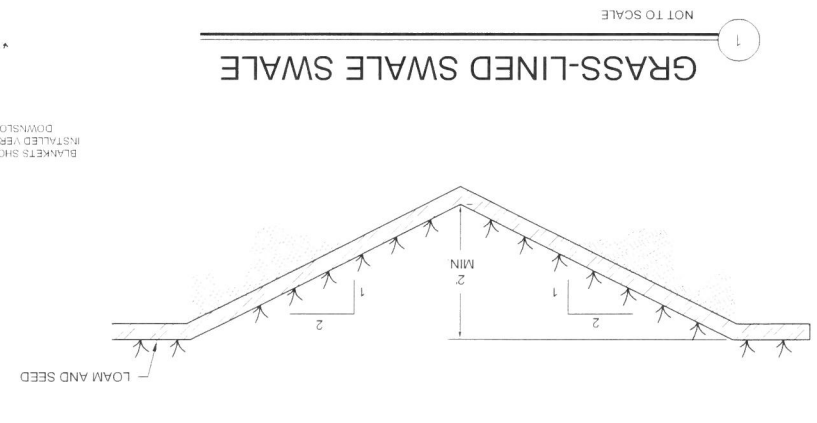
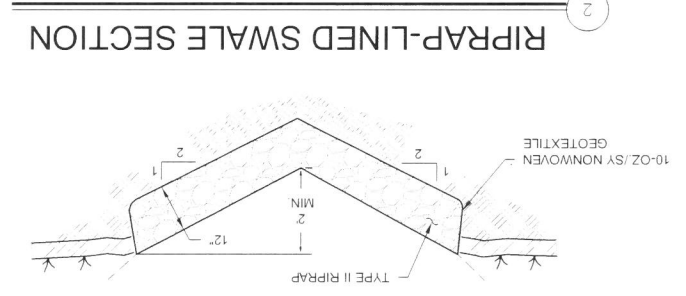
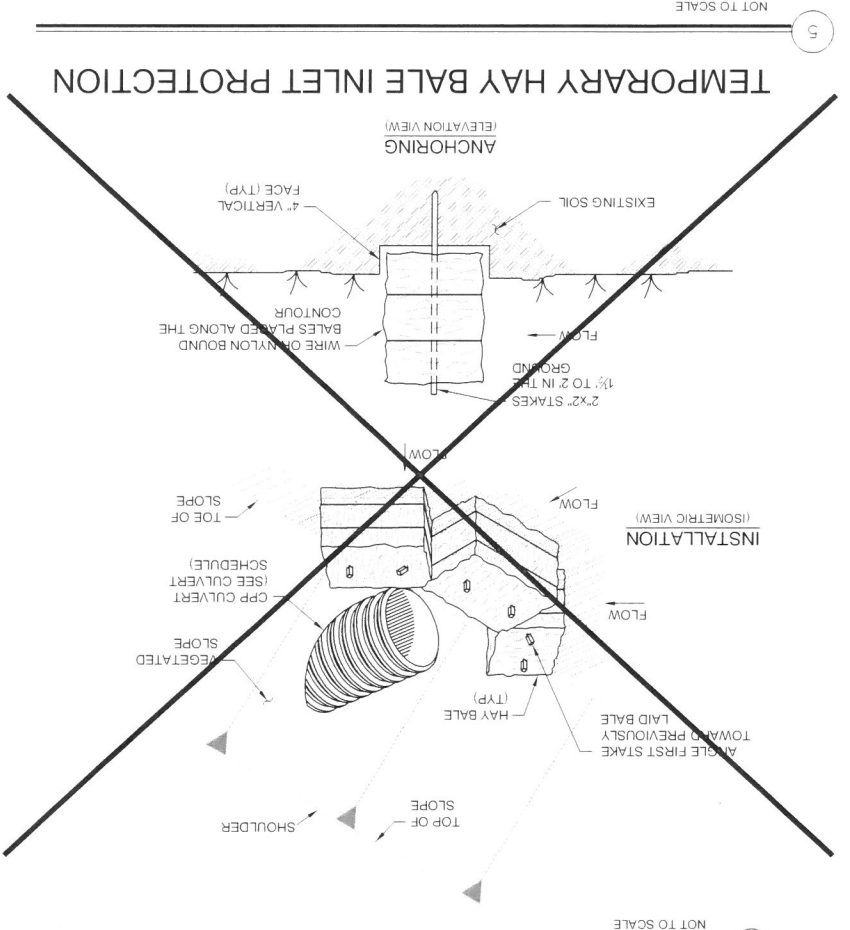
PROJECT NUMBER: 4292.01
 SHEET NUMBER: 21 OF 22

- GENERAL NOTES:
1. CONDUCT 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 AREAS NOT WITHIN THE LANDFILL FOOTPRINT SHALL BE LIMITED TO NOT MORE THAN 2 CONTIGUOUS ACRES AT ANY ONE TIME. 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 7 DAYS OF ACHIEVING FINAL GRADE. ALSO APPLY SEED AND HAY MULCH TO THOSE AREAS OUTSIDE OF THE LANDFILL FOOTPRINT WHICH 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.
 3. EROSION CONTROL SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS AND TOED UPSLOPE AND ARE TO BE MAINTAINED AND CLEANED UNTIL OWNER FILTER LOGS SHALL BE INSTALLED ALONG THE CONTOUR AND AT THE DISCRETION OF THE ENGINEER AND REMOVE SEDIMENT RESULTING FROM CONSTRUCTION ACTIVITY AS NEEDED FROM DETENTION PONDS TO MAINTAIN STORAGE CAPACITY AND AT THE DIRECTION OF THE ENGINEER OR OWNER. DISPOSE SEDIMENT IN A SECURE LOCATION SO AS TO PREVENT SLIDATION OF NATURAL WATERWAYS.
 4. TRACK UP AND DOWN REGRADED SLOPES (GRADER TRACKS PERPENDICULAR TO THE SLOPE) WITH A BULLDOZER TO LIMIT EROSION.
 5. REMOVE SEDIMENT RESULTING FROM CONSTRUCTION ACTIVITY AS NEEDED FROM DETENTION PONDS TO MAINTAIN STORAGE CAPACITY AND AT THE DIRECTION OF THE ENGINEER OR OWNER. DISPOSE SEDIMENT IN A SECURE LOCATION SO AS TO PREVENT SLIDATION OF NATURAL WATERWAYS.
 6. 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.
 7. EROSION CONTROL SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS AND TOED UPSLOPE AND ARE TO BE MAINTAINED AND CLEANED UNTIL OWNER FILTER LOGS SHALL BE INSTALLED ALONG THE CONTOUR AND AT THE DISCRETION OF THE ENGINEER AND REMOVE SEDIMENT RESULTING FROM CONSTRUCTION ACTIVITY AS NEEDED FROM DETENTION PONDS TO MAINTAIN STORAGE CAPACITY AND AT THE DIRECTION OF THE ENGINEER OR OWNER. DISPOSE SEDIMENT IN A SECURE LOCATION SO AS TO PREVENT SLIDATION OF NATURAL WATERWAYS.
 8. 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.
 9. CONDUCT SOIL BORROW EXCAVATION ACTIVITIES IN SUCH A MANNER THAT ALL RUNOFF FROM THE EXCAVATION AREAS IS CONTAINED WITHIN THE EXCAVATION.
 10. 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.
- SPECIFICATIONS:
1. 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.
 2. FERTILIZER (10-10-10) SHALL BE LOW PHOSPHATE AND SLOW RELEASE NITROGEN AND APPLIED UNIFORMLY OVER THE DISTURBED AREA AT A RATE OF TWENTY (20) POUNDS PER 1,000 SQUARE FEET (APPROXIMATELY 875 POUNDS PER ACRE).
 3. GRASS SEED 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.
 4. MULCH SHALL CONSIST OF DRY HAY OR STRAW AND BE FREE OF NOXIOUS WEEDS OR MOLD.
 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 THE ENGINEER.
 6. ANY PART OF THE SEED AREA WHICH FAILS TO YIELD AN ACCEPTABLE STAND OF GRASS AS DETERMINED BY THE ENGINEER OR OWNER SHALL BE RETREATED WITH ADDITIONAL SEED, FERTILIZER, AND MULCH.

GENERAL 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

NOTE: GENERAL SEED MIXTURE TO BE APPLIED TO AREAS OTHERWISE NOT SPECIFIED TO BE SEED WITH ANOTHER MIX.



- SOURCE: "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3: EROSION AND SEDIMENT CONTROLS, DURING CONSTRUCTION" REVISION 1.0, DECEMBER 2008, PAGES 74 AND 75.
1. DIMENSIONS GIVEN IN THE DRAWINGS ARE EXAMPLES. MATERIAL SHOULD BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 2. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS.
 3. MAT/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
 4. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
 5. CHECK SLOTS TO BE CONSTRUCTED PER MANUFACTURER'S SPECIFICATIONS.
 6. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
 7. STAKING OR STAPLING LAYOUT PER MANUFACTURER'S SPECIFICATIONS.

