



DEPARTMENT OF PLANNING & COMMUNITY DEVELOPMENT

INTERDEPARTMENTAL PLAN REVIEW

Date: May 26, 2023

Map/Lot #: Map 7 Lot 20

Address: 96 Old Wilton Road

- TO:
- Ambulance Department
 - Assessing Department
 - Code Enforcement Department
 - Conservation
 - Fire Department
 - Department of Public Works (DPW)
 - Police Department
 - Heritage Commission
 - Tax Collector
 - Water Utilites
 - Zoning
 - _____

FROM: DEPARTMENT OF PLANNING & COMMUNITY DEVELOPMENT

PROJECT NAME: Proposed "Change of Use" for the existing *Perry Field* Warehousing Building (originally approved in 2007) to convert from Warehousing Usage to Manufacturing Use.

For the time being, the new owner/applicant shall only occupy the southerly-most three (of five total) existing units, equaling a total of 7,200 sq ft., for proposed Manufacturing Use; while the existing, northerly (warehousing) tenant shall retain use of the remaining two units containing a total of 4,800 total sq. feet.

In addition, proposed is approximately 4,125 sq feet of existing (approved) wetland buffer in various locations to be encroached upon to become a portion of the paved vehicular travel area around the southerly portion of the existing building site to safely accommodate 26' box trucks access to the unit back doors along the rear of the overall 12,084 sq foot building. The Conservation Commission shall review this Request at its June 8th Mtg., and the ZBA shall assess this Request at its June 15th Mtg.

TYPE OF APPLICATION:

- Discussion
- Design
- Minor Subdivision / Lot Line
- Major
- Minor Site Plan
- Major Site Plan
- Other _____

TRANSMITTAL INCLUDES: Project Narrative provided by the Applicant, and proposed Site Plan Improvement sheets
(i.e. Master Site Plan, Existing Conditions Plan, Site Plan & Detail Sheet)

PLANNING BOARD HEARING DATE: June 20, 2023

YOUR COMMENTS NEEDED BY: June 5, 2023

P/CD COMMENTS: Please provide any comments directly to me at tdolan@milford.nh.gov.

Please reach out to me if any other documentation is needed for your review.

Thanks,

Terrey

REVIEW COMMENTS (Note below or attach comments on separate sheet):

Please assign: Parcel use code _____ Building classification code _____ Building use code _____

Signature/Initials of Department Head or Reviewer: _____ Date: _____

Comments Returned to P/CD: _____



Hayner/Swanson, Inc.

Civil Engineers/Land Surveyors



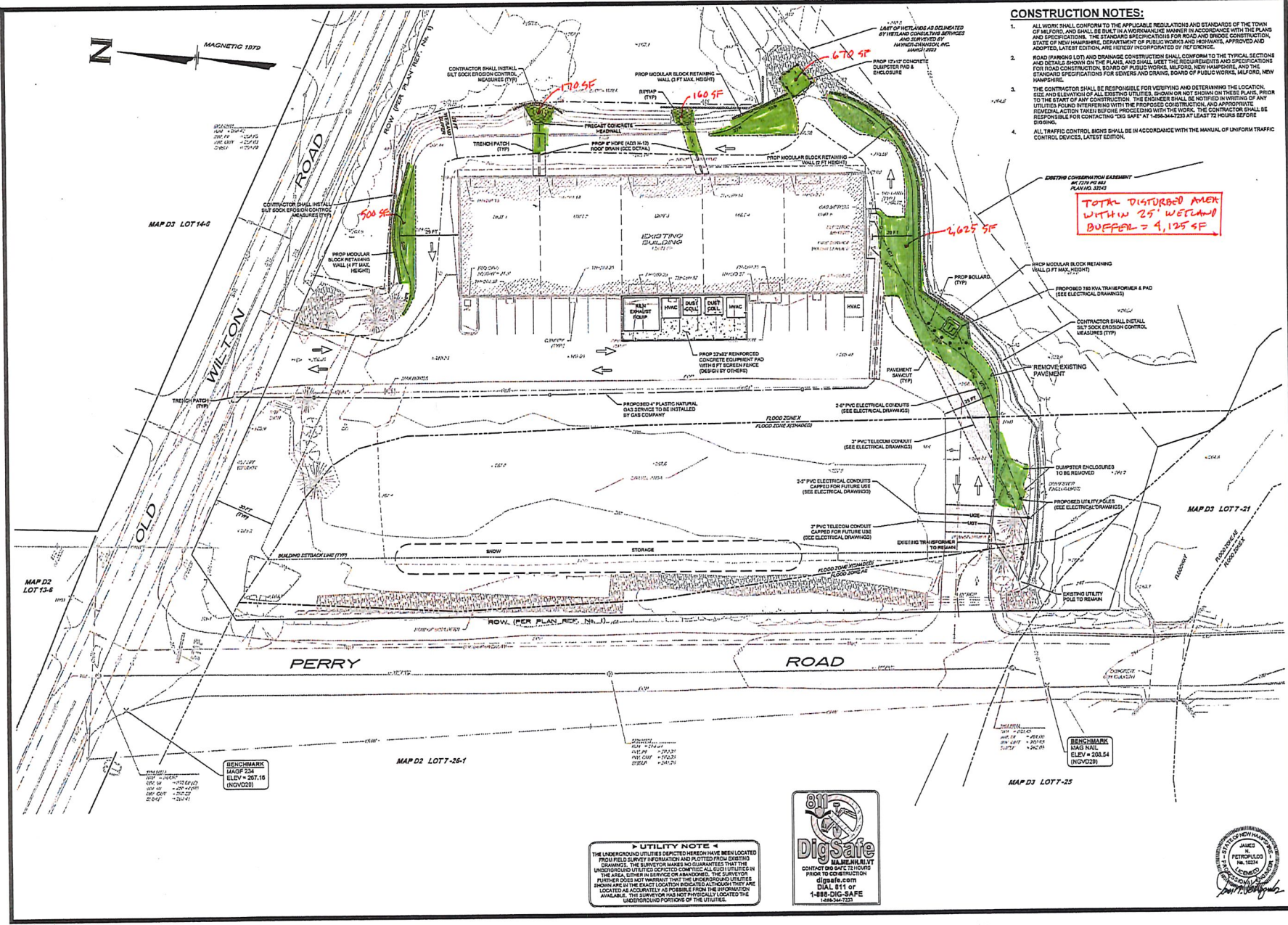
PROJECT NARRATIVE
Proposed Site Improvements
Hitchiner Manufacturing Co., Inc.
96 Old Wilton Road
Milford, New Hampshire

The project area under consideration is located on the easterly side of the intersection of Old Wilton Road and Perry Road identified as Tax Map D3, Lot 7-20; which is located at 96 Old Wilton Road in Milford, NH. The parcel was recently purchased by Hitchiner Manufacturing and is located in Milford's Integrated Commercial-Industrial 2 (ICI2) Zoning District, and the Commerce Community Overlay District (CCOD). The 5.94+/- acre site is bordered on the north by Old Wilton Road, on the east by a currently vacant residential building in the ICI2 Zone and owned by Hitchiner Manufacturing, on the south by Tucker Brook and the industrial property to the south of the brook, and to west by vacant ICI2 land. The site is presently developed with a 1-story, 12,000 s.f. industrial building, with appurtenant parking and other site improvements. The building has most recently been used for contractor warehouse (4,800 SF) at the northerly end of the building, and automotive repair (7,200 SF) at the southerly end of the building.

The site is currently serviced by municipal water and sewer; as well as power, telephone, cable, and natural gas.

The proposed improvements call for a change-of-use of the former automotive repair space to manufacturing of ceramic components, which Hitchiner currently has to outsource. The site improvements consist of trenching and patching for new natural gas, underground power, and underground communications services to the building; as well as new pad-mounted equipment, construction of modular block walls, and minor pavement widening along driveways. The total area to be disturbed by site construction activities is 10,000+/- SF, and the net increase in pavement area is 600+/- SF.

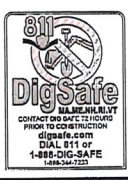
There is no disturbance of the jurisdictional wetlands along the north, east, and southerly side of the existing site development area, and minor wetland buffer encroachment for which a special exception from the Milford Zoning Board of Adjustment is being requested.



- CONSTRUCTION NOTES:**
1. ALL WORK SHALL CONFORM TO THE APPLICABLE REGULATIONS AND STANDARDS OF THE TOWN OF MILFORD, NEW HAMPSHIRE, AND SHALL BE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, STATE OF NEW HAMPSHIRE, DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS, APPROVED AND ADOPTED, LATEST EDITION, ARE HEREBY INCORPORATED BY REFERENCE.
 2. ROAD (PARKING LOT) AND DRAINAGE CONSTRUCTION SHALL CONFORM TO THE TYPICAL SECTIONS AND DETAILS SHOWN ON THE PLANS AND SHALL MEET THE REQUIREMENTS AND SPECIFICATIONS FOR ROAD CONSTRUCTION, BOARD OF PUBLIC WORKS, MILFORD, NEW HAMPSHIRE, AND THE STANDARD SPECIFICATIONS FOR SEWERS AND DRAINAGE, BOARD OF PUBLIC WORKS, MILFORD, NEW HAMPSHIRE.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND DETERMINING THE LOCATION, SIZE AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS, PRIOR TO THE START OF ANY CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION, AND APPROVED RELOCATION TAGS USE FULL PROCEED WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING 'D&S' AT 1-888-344-7233 AT LEAST 72 HOURS BEFORE DIGGING.
 4. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.

TOTAL DISTURBED AREA WITHIN 25' WETLAND BUFFER = 4,125 SF

UTILITY NOTE
 THE UNDERGROUND UTILITIES DEPICTED HEREON HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND PLOTTED FROM EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES DEPICTED CORRESPOND TO ALL UTILITIES IN THE AREA, EITHER IN SURFACE OR SUBGRADE. THE SURVEYOR'S LIMITED ZONE SEARCH WARRANTS THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE SEARCH LOCATIONS INDICATED AND THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND PORTIONS OF THE UTILITIES.



REVIEW ONLY
 NOT FOR CONSTRUCTION

PREPARED FOR/RECORD OWNER:
HITCHNER MANUFACTURING CO., INC.
 241 ELM STREET MILFORD, NEW HAMPSHIRE 03055 (603) 873-1100

SITE PLAN - LOT 17-20
PROPOSED SITE IMPROVEMENTS
 96 OLD WILTON ROAD
 MILFORD, NEW HAMPSHIRE

FEISIT Incorporated, Inc.
 3 Church Street
 Milford, NH 03055
 Tel: 603-873-1100 Fax: 603-873-1101
 E-mail: feisit@feisit.com
 DATE: 11/17/2017 11:50 AM

3 Congress Street Nashua, NH 03063 (603) 883-2057
 131 Middlesex Turnpike Burlington, MA 01803 (781) 203-1501
 www.haynerswanson.com

Hayner/Swanson, Inc.



MAP D3, LOT 7-20
 SITE PLAN

PROPOSED SITE IMPROVEMENTS

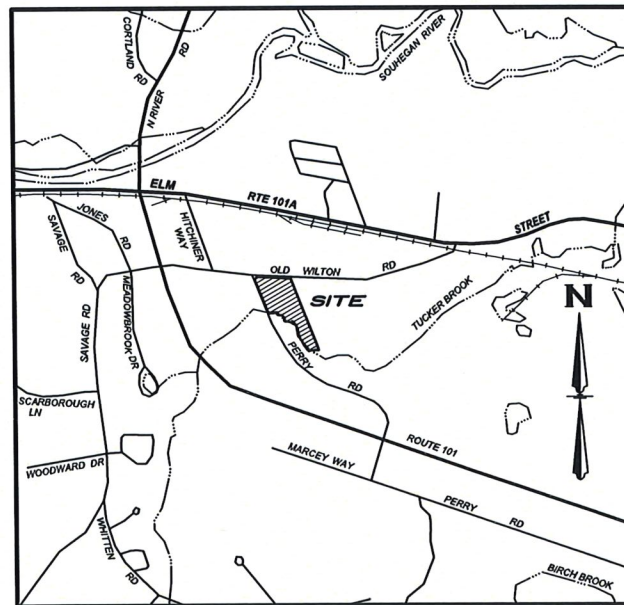
96 OLD WILTON ROAD
 MILFORD, NEW HAMPSHIRE



PREPARED FOR/RECORD OWNER

HITCHINER MANUFACTURING CO., INC.

594 ELM STREET
 MILFORD, NEW HAMPSHIRE 03055
 (603) 673-1100
 www.hitchiner.com

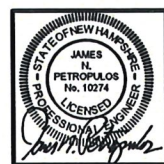


VICINITY PLAN
 SCALE 1" = 1,000'

17 MAY 2023

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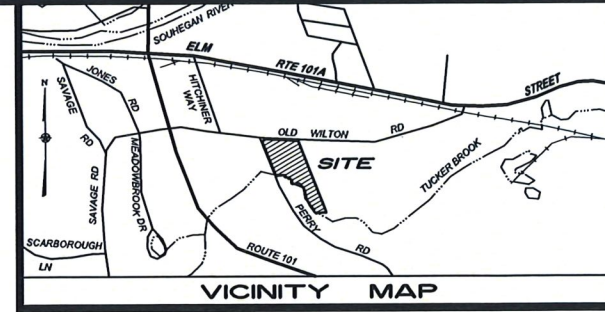
INDEX OF PLANS		
SHEET No.	TITLE	
1 OF 4	MASTER SITE PLAN	1" = 50'
2 OF 4	EXISTING CONDITIONS PLAN	1" = 20'
3 OF 4	SITE PLAN	1" = 20'
4 OF 4	DETAIL SHEET - GENERAL SITE	



HSI Hayner/Swanson, Inc.

Civil Engineers/Land Surveyors
 3 Congress Street Nashua, NH 03062 (603) 883-2057
 131 Middlesex Turnpike Burlington, MA 01803 (781) 203-1501
 www.haynerswanson.com

Initial Submission 5-22-23



REVIEW ONLY
NOT FOR CONSTRUCTION

Table with columns: NO., DATE, REVISION, BY. Includes a scale bar from 0 to 200 FEET.

MAP D3 LOT 14-7
83 OLD WILTON ROAD, LLC
81 OLD WILTON ROAD
MILFORD, NH 03055
BK 9007 PG 1046
ZONE: ICI
USE: AUTO REPAIR

MAP D3 LOT 7-19
HITCHNER MANUFACTURING CO., INC.
594 ELM STREET
MILFORD, NH 03055
BK 9677 PG 1996
ZONE: ICI-2 / CCOD
USE: VACANT

MAP E3 LOT 38-5
TOWN OF MILFORD
1 UNION SQUARE
MILFORD, NH 03055-4230
BK 6287 PG 1350
ZONE: ICI-2 / CCOD
USE: VACANT

MAP D3 LOT 14-8
HITCHNER MANUFACTURING CO., INC.
594 ELM STREET
MILFORD, NH 03055
BK 2036 PG 102
ZONE: ICI
USE: OFFICE

NOTE
SEE SHEET 3 OF 4 FOR DETAIL OF SITE IMPROVEMENTS

7-20
5.94± ACRES
(HCRD PLAN No. 35535)

MAP D3 LOT 7-21
MAURICE R. COTE REVOCABLE TRUST
MAURICE R. COTE, TR
21 MASON ROAD
MILFORD, NH 03055-4611
BK 7276 PG 457
ZONE: ICI-2 / CCOD
USE: INDUSTRIAL

MAP D2 LOT 13-6
HITCHNER MANUFACTURING CO., INC.
594 ELM STREET
MILFORD, NH 03055
BK PG
ZONE: ICI
USE: INDUSTRIAL

MAP D2 LOT 7-26-1
ROGER A. BUCKNAM
42 WHEELER ROAD
HOLLIS, NH 03043-6411
BK 7923 PG 2528
ZONE: ICI-2
USE: VACANT

MAP D3 LOT 7-25
WILLIAM T. MAHAR
19 PERRY ROAD
MILFORD, NH 03055
BK 7919 PG 2865
ZONE: ICI-2 / CCOD
USE: VACANT



PLAN REFERENCES:

- 1. CONDOMINIUM SUBDIVISION PLAN, PERRY FIELDS CONDOMINIUM, LAND OF, PERRY FIELDS, LLC. TAX MAP LOT 7-20, MILFORD, NEW HAMPSHIRE, SCALE: 1" = 50', DATED: MARCH 16, 2007, REVISED 6/7/07 AND PREPARED BY MERIDIAN LAND SERVICES, INC. RECORDED: HCRD No. 35535

NOTES:

- 1. TOTAL SITE AREA: 5.94± ACRES (SEE PLAN REF No. 1)
- 2. PRESENT ZONING: INTEGRATED COMMERCIAL INDUSTRIAL 2 (ICI2) COMMERCE COMMUNITY OVERLAY DISTRICT (CCOD)
- 3. LOT NUMBERS REFER TO TOWN OF MILFORD ASSESSORS MAPS D-2 AND D-3.
- 4. PURPOSE OF PLAN: (A) TO AMEND THE PREVIOUS SITE PLAN TO PROPOSE A CHANGE-OF-USE FOR THE SOUTHERLY 7,200 SF OF THE EXISTING 12,000 SF INDUSTRIAL BUILDING FROM AUTOMOTIVE REPAIR TO MANUFACTURING, WITH APPURTENANT UTILITY AND OTHER SITE IMPROVEMENTS. THE NORTHERLY 4,800 SF WILL REMAIN WAREHOUSE.
- 5. THE SITE IS CURRENTLY SERVICED BY MUNICIPAL WATER AND SEWER, TELEPHONE, ELECTRIC AND GAS. MONUMENTS, WHERE REQUIRED, TO BE SET BY A LICENSED LAND SURVEYOR.
- 7. REQUIRED PARKING:
 TABLE:
 - USE: WAREHOUSE (4,800 SF X 1 SPACE/1,000 SF) EXISTING: 5 SPACES PROPOSED: 5 SPACES
 - USE: AUTO REPAIR (7,200 SF X 1 SPACE/1,000 SF PLUS 1/EMP.) EXISTING: 9 SPACES PROPOSED: 9 SPACES
 - USE: MANUFACTURING (7,200 SF X 1 SPACE/600 SF) EXISTING: - PROPOSED: 12 SPACES
 TOTAL PARKING REQUIRED: 14 SPACES
 PARKING PROVIDED: EXISTING: 13 PAVED SPACES + 8 PAVED SPACES * PROPOSED: 17 SPACES * BALANCE OF REQUIRED PARKING ON GRAVEL AREA
- 8. OPEN SPACE: REQUIRED: 30% EXISTING: 76.9% PROPOSED: 78.7%
- 9. THE PARCEL IS LOCATED WITHIN THE GROUNDWATER (LEVEL 1) PROTECTION AREA AND SHALL COMPLY WITH THE REGULATIONS OF THAT OVERLAY DISTRICT.
- 10. THE PARCEL APPEARS TO BE LOCATED IN ZONE 'X' AS DETERMINED FROM THE FLOOD INSURANCE STUDY (FIRM) HILLSBOROUGH COUNTY, TOWN OF MILFORD, NH, COMMUNITY No. 330096, PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, PANEL NUMBER: 330096 044 D, DATED: SEPTEMBER 25, 2009. (ZONE 'X' - AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN)
- 11. EXTERIOR LIGHTING SHALL BE DOWNCAST AND DIRECTED ONTO THE SITE AND SHALL CONFORM WITH ALL APPLICABLE TOWN OF MILFORD REGULATIONS.
- 12. NO NEW LANDSCAPING, EXCEPT FOR LOAM AND SEED OF DISTURBED AREAS NOT OTHERWISE STABILIZED, IS PROPOSED.
- 13. SITE PERMITS: N/A
- 14. SITE PLAN APPROVAL IS SUBJECT TO ARTICLE IV, SECTION 2.011, GOVERNING CONDITIONAL AND FINAL SITE PLAN APPROVAL EXPIRATION DATES.
- 15. ALL ROAD (INCLUDING PARKING LOT) AND DRAINAGE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF MILFORD'S PUBLIC WORKS DEPARTMENT REGULATIONS.
- 16. PRESENT OWNER OF RECORD: MAP D3, LOT 7-20 HITCHNER MANUFACTURING CO., INC. 594 ELM STREET MILFORD, NEW HAMPSHIRE 03055 BK 9692 PG. 1576 BK 9692 PG. 1580 BK 9692 PG. 1584

TOWN OF MILFORD CONTACTS

- PLANNING DEPARTMENT: MILFORD PLANNING BOARD, TOWN HALL - ONE UNION SQUARE, MILFORD, NH 03055. ATT: TERREY DOLAN (603) 249-0620
- ENGINEERING DEPARTMENT: MILFORD DEPT. OF PUBLIC WORKS / ENGINEERING, 289 SOUTH STREET, MILFORD, NH 03055. ATT: LEO LESSARD, DIRECTOR (603) 673-1662
- FIRE DEPARTMENT: MILFORD FIRE DEPARTMENT, 38 SCHOOL STREET, MILFORD, NH 03055. ATT: KENNETH FLAHERTY (603) 249-0690
- CODE ENFORCEMENT OFFICE: TOWN HALL, ONE UNION SQUARE, MILFORD, NH 03055. ATT: JAMIE RAMSEY, BUILDING INSPECTOR (603) 249-0620

UTILITY COMPANY CONTACTS

- WATER/SEWER: MILFORD WATER UTILITIES AND WASTE WATER TREATMENT FACILITY, 564 NASHUA STREET, MILFORD, NH 03055. ATT: JAMES POULIOT, DIRECTOR (603) 249-0660
- NATURAL GAS: LIBERTY UTILITIES, 130 ELM STREET, MANCHESTER, NH 03101 (603) 833-4200
- TELEPHONE: FAIRPOINT COMMUNICATIONS, INC., 237 DANIEL WEBSTER HWY., MERRIMACK, NH 03054 (603) 995-1134
- POWER: EVERSOURCE, 138 ELM STREET, MILFORD, NH 03055 (603) 673-0108

LEGEND

- EXISTING GROUND CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED GRADE
- PROPOSED SPOT GRADE
- STORM DRAIN & CATCH BASIN
- STORM DRAIN & MANHOLES
- STORM DRAIN & HEADWALL
- STORM DRAIN & END SECTION
- SANITARY SEWER & MANHOLES
- WATER MAIN & HYDRANT
- WATER MAIN & GATE VALVE
- GAS LINE & GATE VALVE
- UTILITY POLE WITH GUY SUPPORT
- STREET LIGHT
- LIGHT POLES
- OVERHEAD ELECTRIC & TELEPHONE
- SIGN
- TEMPORARY BENCHMARK
- WETLAND FLAGGING LIMIT
- CHAINLINK FENCE
- CURBING
- PAVEMENT SAWCUT
- REINFORCED CONCRETE
- PROPOSED FULL-DEPTH PAVEMENT
- RIPPRAP / STONE
- RETAINING WALL
- DECORATIVE WALL
- TREE LINE
- CONIFEROUS TREE
- DECIDUOUS TREE
- SHRUBS
- VEHICLE CIRCULATION

ZONING NOTE 4
THE ZONING/BUILDING SETBACKS DEPICTED ON THIS PLAN ARE THOSE WE HAVE INTERPRETED FROM THE LATEST ZONING ORDINANCE OF THE MUNICIPALITY AND, AS SUCH, ARE ONLY OPINIONS EXPRESSED BY HAYNES/SWANSON, INC. THE FINAL INTERPRETATION OF THE ORDINANCE CAN ONLY BE MADE BY THE APPROPRIATE ZONING AUTHORITY. SINCE BUILDING ORIENTATION, PROPOSED USES, AND OTHER FACTORS CAN AFFECT THE SETBACKS, PRIOR TO ANY DEVELOPMENT OF THIS PROPERTY, THE BUILDER/OWNER MUST CONSULT WITH THE TOWNSHIP TO INSURE THE CORRECT APPLICATION OF THE ZONING ORDINANCE.

APPROVED MILFORD PLANNING BOARD. Includes fields for CHAIRMAN, SECRETARY, and DATE.

PREPARED FOR/RECORD OWNER: HITCHNER MANUFACTURING CO., INC. 594 ELM STREET MILFORD, NEW HAMPSHIRE 03055 (603) 673-1100

MASTER SITE PLAN (MAP D-3, LOT 7-20) PROPOSED SITE IMPROVEMENTS 96 OLD WILTON ROAD MILFORD, NEW HAMPSHIRE

Professional Engineer Seal for James H. Petropoulos, No. 10274, State of New Hampshire. Includes date MAY 2023.

Signature and date 5/17/23 DATE FOR HITCHNER MANUFACTURING CO., INC.



SURVEY NOTES:

1. THE EXISTING TOPOGRAPHY, AS SHOWN ON THE PLANS, IS BASED ON AN ACTUAL FIELD SURVEY MADE ON THE GROUND IN JANUARY & FEBRUARY 2023.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ACCURACY OF THE EXISTING TOPOGRAPHY PRIOR TO EARTHWORK OPERATIONS. NO CLAIM FOR EXTRA WORK DUE TO TOPOGRAPHIC INACCURACY SHALL BE CONSIDERED AFTER EARTHWORK HAS COMMENCED.
3. NGVD29 DATUM HAS BEEN USED FOR THIS PROJECT.
4. THE CONTRACTOR SHALL ONLY USE BENCHMARKS AS PROVIDED BY THE ENGINEER.
5. UTILITY SERVICE LOCATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE AND SHALL BE VERIFIED PRIOR TO ANY CONSTRUCTION.

LIMIT OF WETLANDS AS DELINEATED BY WETLAND CONSULTING SERVICES AND SURVEYED BY HAYNES-SWANSON, INC. MARCH 2023

TOWN OF MILFORD RECEIVED
MAY 22 2023
PB ZBA Office

REVIEW ONLY
NOT FOR CONSTRUCTION

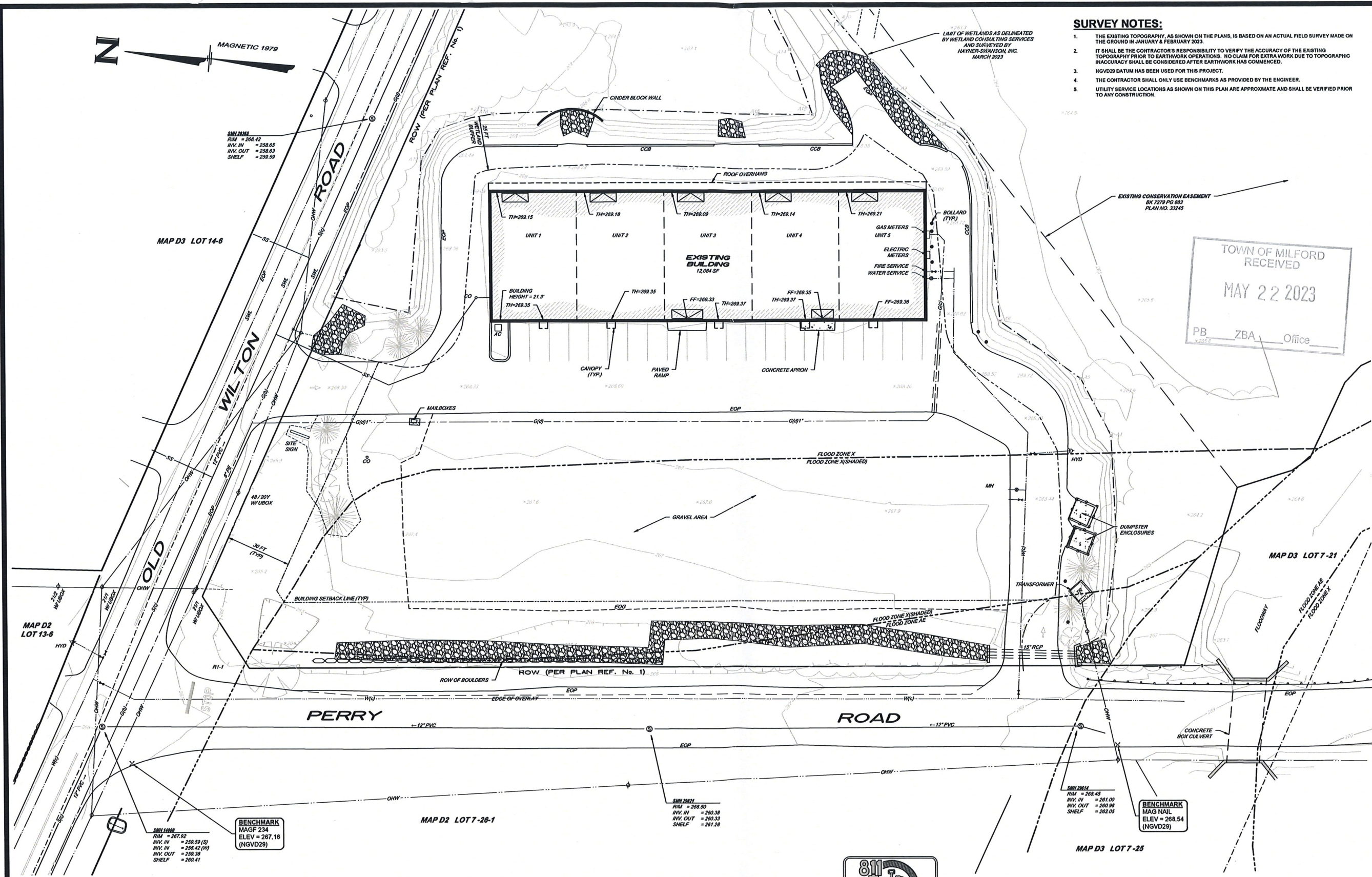
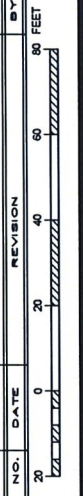
PREPARED FOR/RECORD OWNER:
HITCHNER MANUFACTURING CO, INC
594 ELM STREET MILFORD, NEW HAMPSHIRE 03055 (603) 673-1100

EXISTING CONDITIONS PLAN
EXISTING DRAINAGE LOT 13-6
PROPOSED SITE IMPROVEMENTS
96 OLD WILTON ROAD
MILFORD, NEW HAMPSHIRE

HESI Haynes/Swanson, Inc.
Civil Engineer/Lead Surveyor
3 Congress Street
Middleton, NH 03045
(603) 882-2027
www.haynes-swanson.com

JAMES N. PETROPOLIS
No. 10714
LICENSED PROFESSIONAL ENGINEER
STATE OF NEW HAMPSHIRE

FIELD BOOK: 1237 DWG. LOC.: A. LOCATION: UTM/100-960WR
DATE: 11/09-960WR Date: 17 MAY 2023
SHEET: 2 OF 4



BM 2326
RIM = 266.42
INV. IN = 258.65
INV. OUT = 258.63
SHELF = 258.59

MAP D3 LOT 14-6

MAP D2 LOT 13-6

MAP D2 LOT 7-26-1

BM 2341
RIM = 266.50
INV. IN = 260.38
INV. OUT = 260.33
SHELF = 261.28

BM 2314
RIM = 268.42
INV. IN = 261.00
INV. OUT = 260.96
SHELF = 262.05

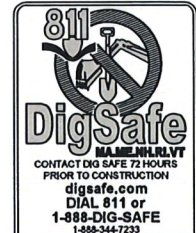
BENCHMARK
MAG NAIL
ELEV = 268.54
(NGVD29)

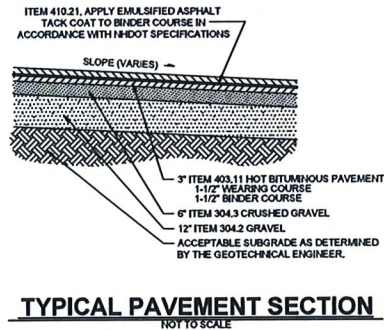
MAP D3 LOT 7-25

UTILITY NOTE 4
THE UNDERGROUND UTILITIES DEPICTED HEREON HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND PLOTTED FROM EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES DEPICTED COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND PORTIONS OF THE UTILITIES.

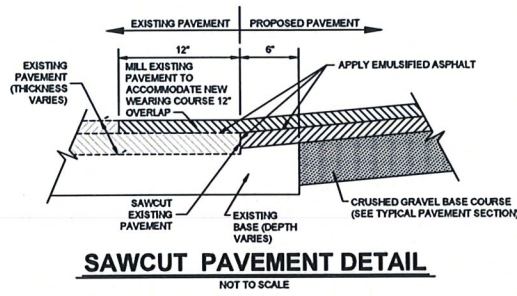
UTILITY QUALITY LEGEND 4
SUBSURFACE UTILITIES AS DEPICTED ON THIS PLAN ARE IDENTIFIED BY QUALITY LEVELS DEFINED BY CIVIL ENGINEERING STANDARD GUIDELINE FOR COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA

- LEVEL A (A) PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY ACTUAL EXPOSURE AND SUBSEQUENT MEASUREMENTS OF SUBSURFACE UTILITIES.
- LEVEL B (B) INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. (IE, DIGSAFE)
- LEVEL C (C) INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.
- LEVEL D (D) INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

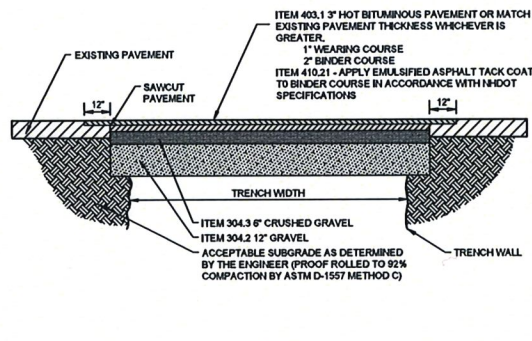




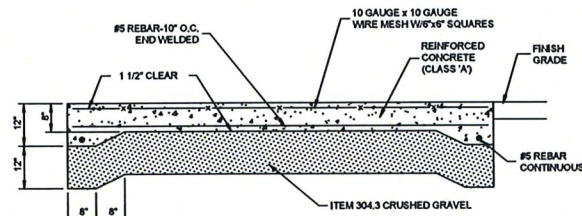
TYPICAL PAVEMENT SECTION
NOT TO SCALE



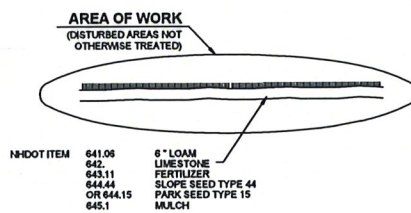
SAWCUT PAVEMENT DETAIL
NOT TO SCALE



TRENCH PATCH DETAIL
NOT TO SCALE



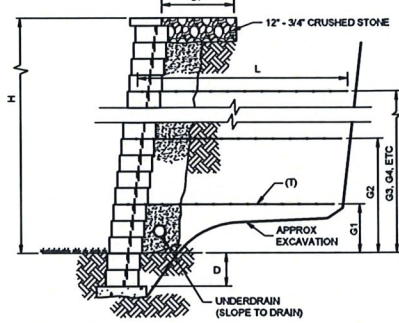
DUMPSTER PAD DETAIL
NOT TO SCALE



NHDOT ITEM	DESCRIPTION
641.06	6\"/>
642	LIMESTONE FERTILIZER
644.44	SLOPE SEED TYPE 44
644.15	PARK SEED TYPE 15
645.1	MULCH

APPLICATION RATES
SEED: 60 LB./ACRE
FERTILIZER: 20 LB./1000 S.F. (10-10-10)
LIMESTONE: (PER NHDOT)
MULCH: 3 TONS/ACRE

LOAM AND SEED DETAIL
NOT TO SCALE



VARIABLES:

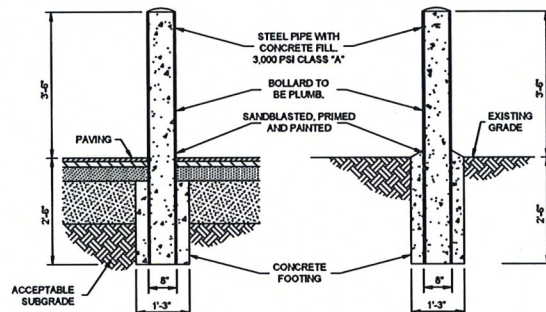
- H = WALL HEIGHT ABOVE GRADE
- D = DEPTH BASE UNIT BELOW GRADE
- G = DISTANCE OF GRID LAYER # ABOVE GRADE
- L = GRID LENGTH

LEGEND:

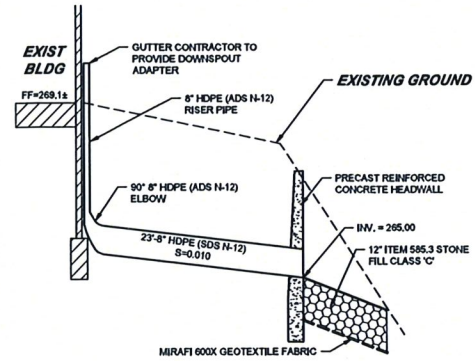
- 12\"/>
- COMPACTED FILL
- 6\"/>

NOTE:
DETAIL PROVIDED FOR GENERAL INFORMATION ONLY. MODULAR WALL SYSTEM DESIGN PLAN, STAMPED BY STRUCTURAL ENGINEER REGISTERED IN NEW HAMPSHIRE, TO BE PROVIDED BY CONTRACTOR.

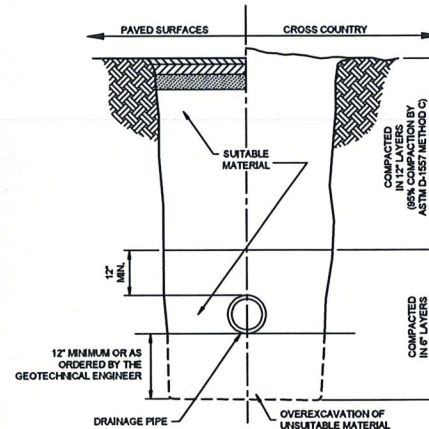
MODULAR RETAINING WALL DETAIL
NOT TO SCALE



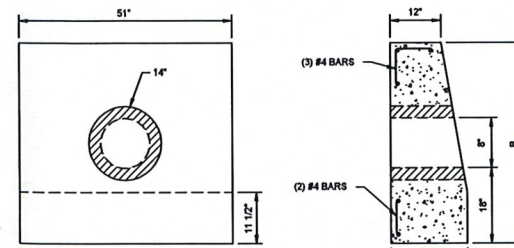
BOLLARD DETAIL
NOT TO SCALE



TYPICAL ROOF DRAIN PROFILE
SCALE: 1\"/>



TYPICAL DRAINAGE TRENCH SECTION
NOT TO SCALE

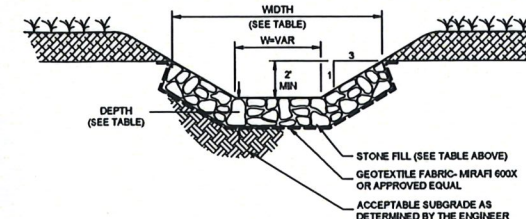


GENERAL NOTES:

- STEEL REINFORCEMENT CONFORMS TO LATEST ASTM SPECIFICATIONS. ASTM A615 GRADE 60 REBAR.
- CONCRETE: $F_c = 4,000$ PSI @ 28 DAYS MINIMUM.
- EST WEIGHT: 3,000 LBS.

PRECAST HEADWALL DETAIL
NOT TO SCALE

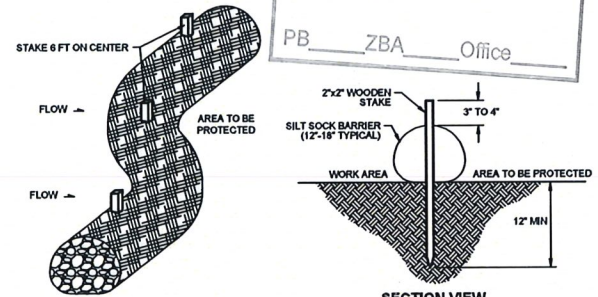
LOCATION	WIDTH (FT)	LENGTH (FT)	DEPTH (FT)	# SO (IN)	MATERIAL
ROOF DRAIN	10	10	1	4	ITEM 585.3 STONE FILL CLASS C



RIPRAP AT HEADWALL / OUTLET DETAIL
NOT TO SCALE

EROSION CONTROL NOTES:

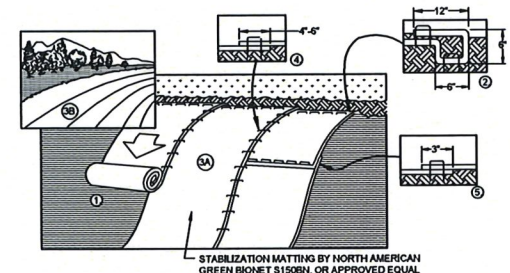
- EROSION CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR, AS SHOWN ON THE PLANS, PRIOR TO COMMENCEMENT OF ANY EXCAVATION WORK.
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE PLANS. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- LOAM AND MATERIAL STOCKPILE AREAS SHALL BE SURROUNDED BY SILT FENCE AND BE TEMPORARILY SEEDED IF THEY ARE LEFT UNTOUCHED FOR MORE THAN TEN (10) DAYS.
- AN AREA SHALL BE CONSIDERED STABLE ONLY IF THE FOLLOWING HAS OCCURRED:
 - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
 - A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED.
 - OR, EROSION CONTROL STABILIZATION MATTING HAVE BEEN PROPERLY INSTALLED ON DISTURBED SLOPES STEEPER THAN 3:1.



NOTES:

- SILT SOCK BARRIER SHALL BE FILTREXX SILT SOCK NATURAL PLUS (OR APPROVED EQUAL) AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- SILT SOCK BARRIER SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
- IF THE SILT SOCK SHOULD DECOMPOSE OR BECOME INEFFECTIVE, THE BARRIER SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
- SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE BARRIER HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.
- COMPOST TO BE REMOVED OR DISPOSED ON-SITE AS DETERMINED BY THE ENGINEER.

SILT SOCK DETAIL
NOT TO SCALE



- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6\"/>
- ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS PER MANUFACTURER'S RECOMMENDATION.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH MINIMUM 6\"/>
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3\"/>
- PLACE STAPLES/STAKES PER MANUFACTURE RECOMMENDATION FOR THE APPROPRIATE SLOPE BEING APPLIED.

STABILIZATION MATTING DETAIL
NOT TO SCALE

REVIEW ONLY
NOT FOR CONSTRUCTION

PREPARED FOR/RECORD OWNER:
HITCHNER MANUFACTURING CO., INC.
594 ELM STREET MILFORD, NEW HAMPSHIRE 03055 (603) 673-1100

DETAIL SHEET 17-20 GENERAL SITE
PROPOSED SITE IMPROVEMENTS
96 OLD WILTON ROAD
MILFORD, NEW HAMPSHIRE

HSI Hayner/Svenson, Inc.
Civil Engineering and Surveying
3 Congress Street
Nashua, NH 03085
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www.haynersvenson.com



DATE: 11/17/2023
SCALE: AS SHOWN
DWG: 1109-960WR-051
SHEET: 17 OF 4