

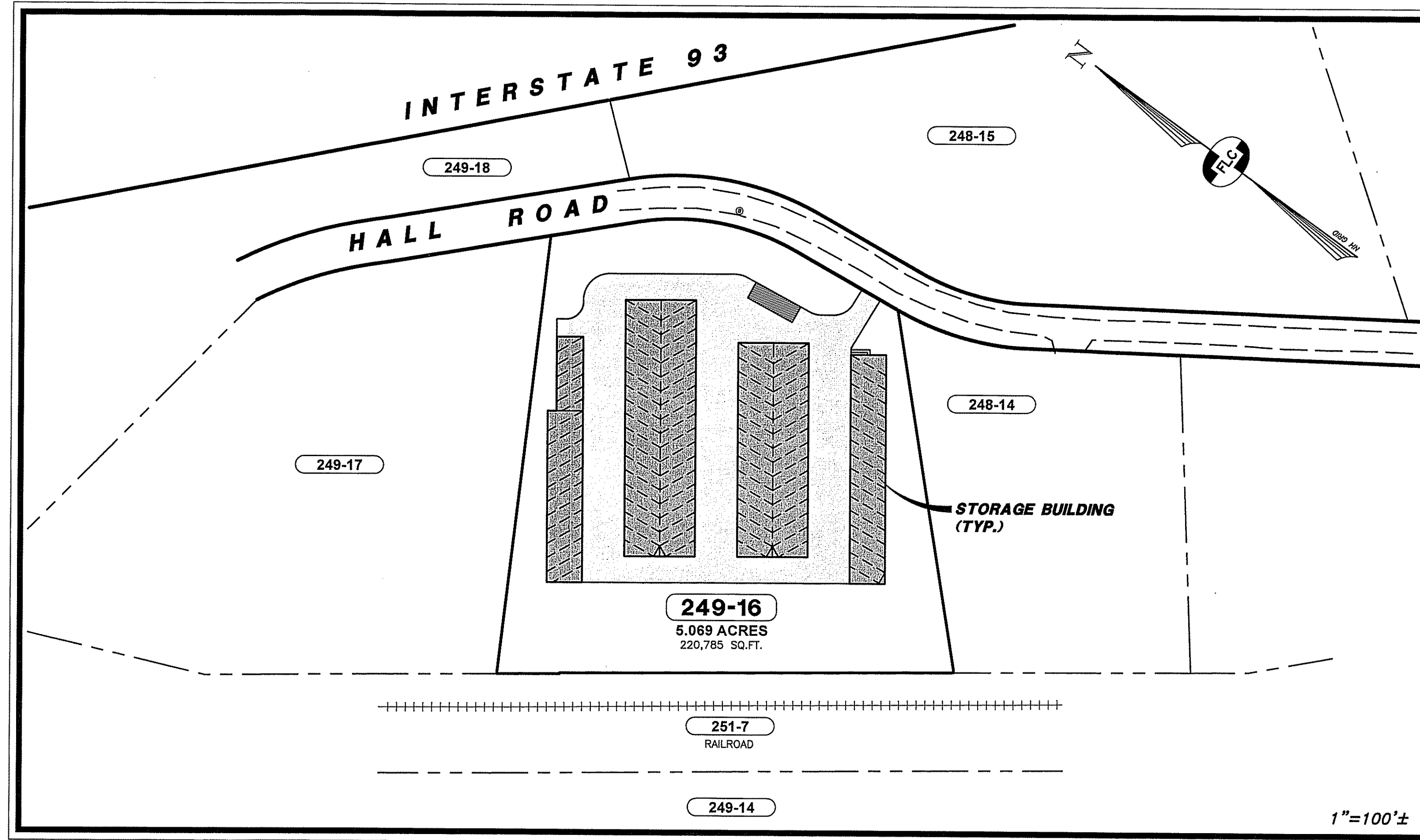
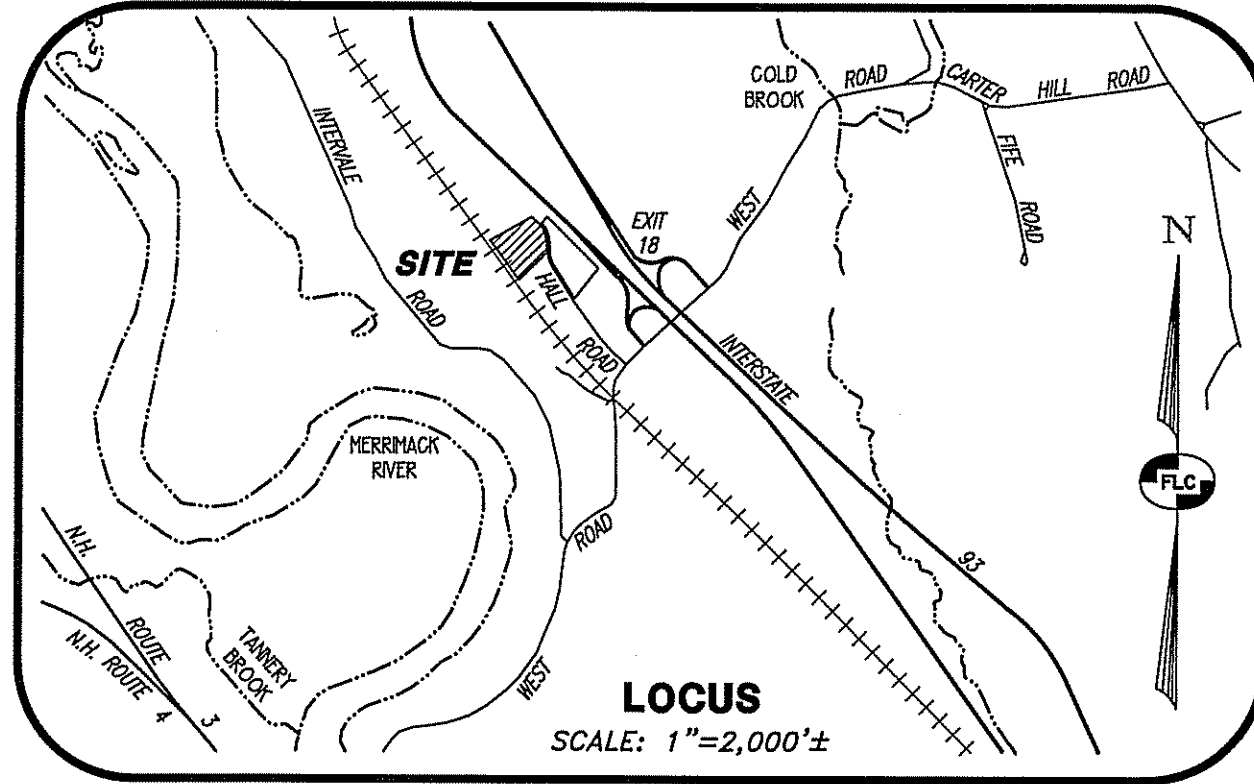
# SITE DEVELOPMENT PLANS

- TAX MAP 249, LOT 16

## All Purpose Storage - Boat & RV

HALL ROAD  
CANTERBURY, NEW HAMPSHIRE

MAY 24, 2022



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6	LS-1	LANDSCAPING & UTILITIES PLAN
7	DT-1	EROSION CONTROL DETAILS
8	DT-2	CONSTRUCTION DETAILS
9	DT-3	CONSTRUCTION DETAILS

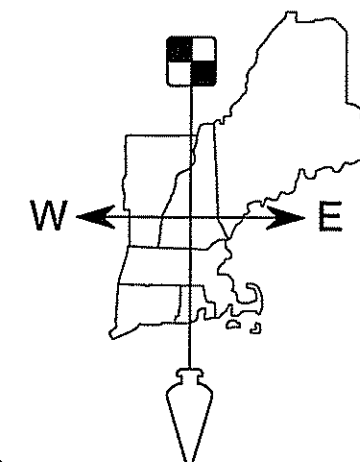
PREPARED FOR:  
**PATRIOT HOLDINGS, LLC**

4007 DEAN MARTIN DRIVE  
LAS VEGAS, NV 89103-4138

LAND OF:  
**C. N. WOOD REALTY CANTERBURY**

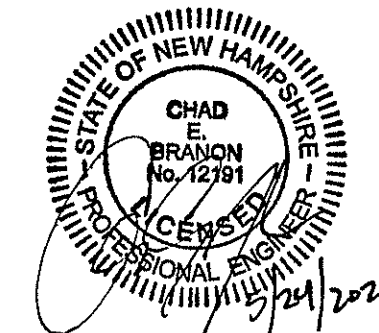
200 MERRIMAC STREET  
WOBURN, MA 01801

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs



**FIELDSTONE**  
LAND CONSULTANTS, PLLC

206 Elm Street, Milford, NH 03055  
Phone: (603)-672-5456 Fax: (603)-413-5456  
www.FieldstoneLandConsultants.com



APPROVAL:  
THE SITE PLAN REGULATIONS OF THE TOWN OF CANTERBURY ARE HEREBY INCORPORATED BY REFERENCE AS PART OF THE APPROVAL OF THIS PLAN.  
THIS SITE PLAN IS HEREBY APPROVED BY THE PLANNING BOARD AT AN OFFICIAL MEETING HELD ON  
DATE \_\_\_\_\_ CHAIRMAN OF THE PLANNING BOARD \_\_\_\_\_

1. THE LOCATION OF THE UTILITIES SHOWN ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PRESERVE ALL UTILITY SERVICES.  
2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING AND COORDINATING WITH ALL UTILITY COMPANIES AND JURISDICTIONAL AGENCIES PRIOR TO AND DURING CONSTRUCTION.  
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND PROPOSED WORK PRIOR TO CONSTRUCTION.

CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION  
**DIGSAFE.COM**  
**811**

REV.	DATE	DESCRIPTION	C/O	DR	CK

FILE: 3127CV01.dwg PROJ. NO. 3127.01 SHEET: CV-1 PAGE NO. 1 OF 9

**INTERSTATE 93**  
FEDERAL AID PROJECT  
I-93-2(73)3  
(N.H. PROJ. NO. P-1265-D)

**249-18**  
TEN MILE BROOK HOLDINGS, LLC  
85 TEN MILE BROOK ROAD  
BRISTOL, NH 03222  
BK.3672 PG.469 3/30/20  
(HALL ROAD)

**249-17**  
TEN MILE BROOK HOLDINGS, LLC  
85 TEN MILE BROOK ROAD  
BRISTOL, NH 03222  
BK.3672 PG.469 3/30/20  
(HALL ROAD)

**249-16**  
5.069 ACRES  
220,785 SQ.FT.

**251-7**  
STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION  
PO BOX 457  
CONCORD, NH 03302-0457

**249-14**  
FREDERICK G. ZELLER III  
& LUCYALL L. ZELLER  
77 INTERVALE ROAD  
CANTERBURY, NH 03224  
BK.1927 PG.1950 8/19/93  
(77 INTERVALE ROAD)

**248-15**  
ALL PURPOSE STORAGE CANTERBURY LLC  
4007 DEAN MARTIN DRIVE  
LAS VEGAS, NV 89103  
BK.3789 PG.570 4/18/2022  
(HALL ROAD)

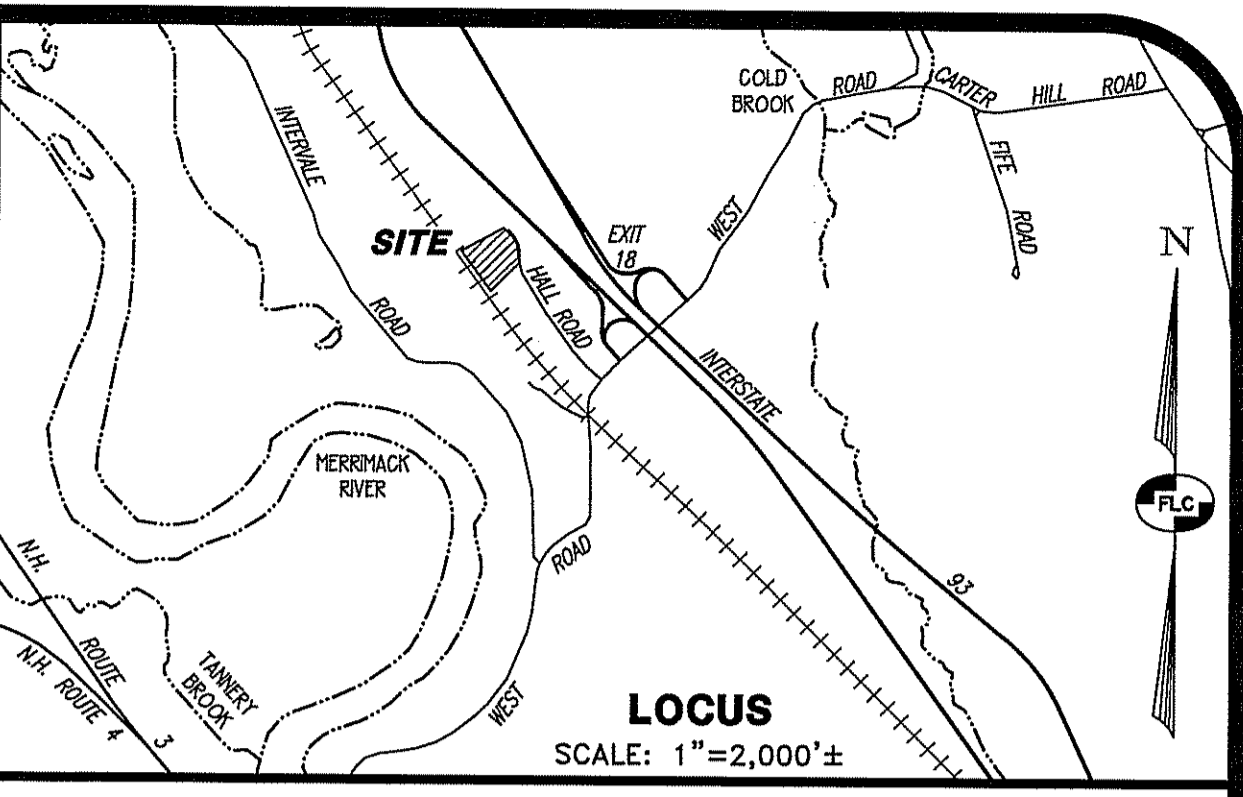
**248-14**  
GROVER STREET LLC  
AKA A&B VENDING  
26 HALL ROAD  
CANTERBURY, NH 03224  
BK.2679 PG.952 7/12/04  
(26 HALL ROAD)

**REFERENCE PLANS:**

- "TAX MAP 4, LOT 033-000 & 021-002 - SUBDIVISION AND ANNEXATION - OF LAND FOR - TOWN OF CANTERBURY - AND WILLIAM M. & KATHLEEN RICE - WEST ROAD - CANTERBURY, NEW HAMPSHIRE - MERRIMACK COUNTY", SCALE 1"=100', DATED OCTOBER 14, 1998 AND LAST REVISED MAY 4, 1999, BY LEPENE ENGINEERING & SURVEYING, RECORDED IN THE MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN #14772.
- "TAX MAP 4, LOT 021-005 - SUBDIVISION PLAN - FOR - GROVER STREET, LLC - CANTERBURY DEPOT ROAD - CANTERBURY, NEW HAMPSHIRE - MERRIMACK COUNTY", SCALE 1"=50', DATED SEPTEMBER 13, 2004 AND LAST REVISED OCTOBER 5, 2004, BY LEPENE ENGINEERING & SURVEYING, RECORDED IN THE MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN #17104.
- "STATE OF NEW HAMPSHIRE - DEPT. OF PUBLIC WORKS AND HIGHWAYS - PLANS OF PROPOSED - FEDERAL AID SECONDARY PROJECT - I-93-2(8)45 - NH PROJECT NO. P-5264F - INTERSTATE 93 - TOWN OF CANTERBURY - COUNTY OF MERRIMACK", LAYOUT, SCALE 1"=50', FISCAL YEAR: 1959.

TOTAL PROPOSED SELF STORAGE BUILDING AREA  
63,454 S.F.

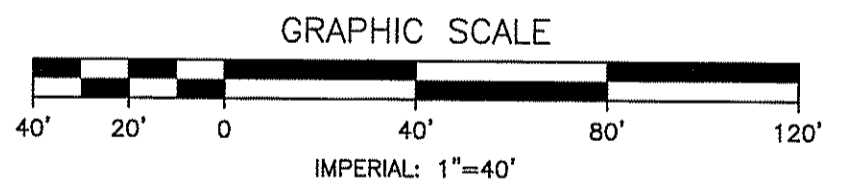
REQUIRED IMPERVIOUS LOT COVERAGE:  
35% MAXIMUM  
PROPOSED IMPERVIOUS LOT COVERAGE:  
(125,850 S.F. / 220,785 S.F.) = 57.0% (WAIVER REQUESTED)  
TOTAL AREA OF DISTURBANCE = 182,000 SF  
NHDES AOT PERMIT REQUIRED.



**NOTES:**

- THE OWNER OF RECORD FOR TAX MAP 249 LOT 16 IS C. N. WOOD REALTY CANTERBURY, 200 MERRIMACK STREET, WOBURN, MA 01801. DEED REFERENCE IS BK. 3040 PG.1992 DATED JANUARY 7, 2008 IN THE MERRIMACK COUNTY REGISTRY OF DEEDS.
- THE PURPOSE OF THIS PLAN IS TO DEPICT A PROPOSED VEHICLE STORAGE FACILITY FOR TAX MAP 248 PARCEL 15 AS SHOWN.
- THE TOTAL AREA OF THE LOT IS 5.069 ACRES OR 220,785 SQ.FT. WITH 419.95 FEET OF FRONTAGE ALONG HALL ROAD.
- ZONING FOR THE LOT IS THE INDUSTRY DISTRICT (I):
 

BUSINESS LIGHT INDUSTRY	REQUIRED	EXISTING
MIN. LOT AREA	2 ACRES	3.89 ACRES
MIN. LOT DEPTH	150 FT.	311.55 FT.
MIN. LOT WIDTH	200 FT.	140.26 FT.
MIN. FRONTAGE	200 FT.	111.15 FT.
MIN. FRONT SETBACK	50 FT.	<45 FT.
MIN. SIDE & REAR SETBACK	20 FT.	77.12 FT.
- THE BOUNDARY INFORMATION SHOWN IS BASED ENTIRELY ON THE REFERENCE PLAN CITED HEREON AND IS NOT THE RESULT OF A BOUNDARY SURVEY BY THIS OFFICE.
- THE SURFACE FEATURES SHOWN WERE DEVELOPED FROM A PRECISE FIELD SURVEY BY THIS OFFICE DURING THE MONTH OF JANUARY 2022.
- THE HORIZONTAL ORIENTATION IS BASED ON NH STATE PLANE COORDINATE SYSTEM, DEVELOPED FROM THE N.O.A.A. ONLINE POSITIONING USER SERVICE (OPUS) WHICH UTILIZES THE HIGH ACCURACY NATIONAL SPATIAL REFERENCE SYSTEM (NSRS).
- THE VERTICAL DATUM IS BASED ON NAVD88.
- THE UNDERGROUND UTILITIES SHOWN HAVE BEEN COMPILED IN PART FROM PLANS OF RECORD AND FIELD LOCATION. THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES.
- THE SUBJECT PARCEL IS NOT LOCATED IN A FLOOD HAZARD AREA AS DETERMINED FROM THE FLOOD INSURANCE STUDY (FIRM), MERRIMACK COUNTY, TOWN OF CANTERBURY, NEW HAMPSHIRE, COMMUNITY NO. 330013, PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, MAP NUMBER: 3301300330E, DATED: APRIL 19, 2010.
- THE SITE LIES OUTSIDE THE AQUIFER PER U.S.G.S. WATER RESOURCE INVESTIGATIONS REPORT 92-4123, PLATE NO. 8, FOR THE UPPER MERRIMACK RIVER BASIN, PREPARED IN COOPERATION WITH THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES AND WATER RESOURCES DIVISION. THE SITE DOES LIE WITHIN THE CANTERBURY ZONING GROUNDWATER & AQUIFER PROTECTION DISTRICT.
- THE LOT IS SUBJECT TO:  
- THE DECLARATION OF PROTECTIVE COVENANTS FOR "CANTERBURY DEPOT COMMERCIAL PARK", SEE BOOK.2679 PAGE 944, DATED JULY 12, 2004 IN THE MERRIMACK COUNTY REGISTRY OF DEEDS.
- NO HAZARDOUS MATERIALS SHALL BE STORED ON-SITE. ANY PETROLEUM PRODUCTS STORED ON-SITE MUST BE UNDER 5 GALLONS IN SIZE, STORED INDOORS, AND STORED IN A FLAMMABLE CABINET WITH SECONDARY CONTAINMENT. NO VEHICLE REFUELING WILL BE ALLOWED ON SITE.



REV.	DATE	DESCRIPTION	C/O	DR	CK

**SITE LAYOUT PLAN**  
TAX MAP 249 LOT 16  
(HALL ROAD)  
CANTERBURY, NEW HAMPSHIRE  
PREPARED FOR:  
**PATRIOT HOLDINGS, LLC**  
4007 DEAN MARTIN DRIVE, LAS VEGAS, NV 89103  
SCALE: 1"=40' MAY 24, 2022

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

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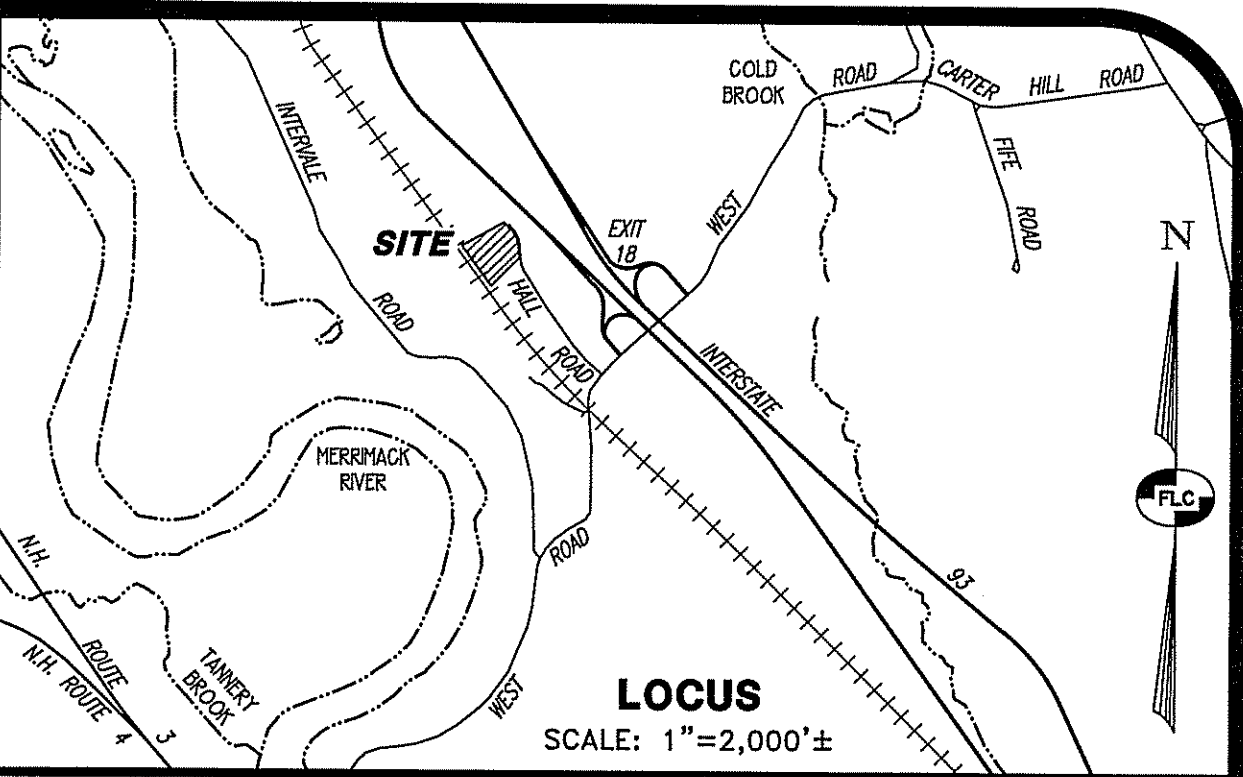
**INTERSTATE 93**  
FEDERAL AID PROJECT  
I-93-2(73)3  
(N.H. PROJ. NO. P-1265-D)

**NRCS SOILS LEGEND:**  
SOURCE: USDA NRCS WEB SOIL SURVEY

---	SOIL BOUNDARY
35A	CHAMPLAIN LOAMY FINE SAND 0 TO 3% SLOPES
300B	UDIPSAMMENTS 3 TO 6% SLOPES

- REFERENCE PLANS:**
- "TAX MAP 4, LOT 033-000 & 021-002 - SUBDIVISION AND ANNEXATION - OF LAND FOR - TOWN OF CANTERBURY - AND WILLIAM M. & KATHLEEN RICE - WEST ROAD - CANTERBURY, NEW HAMPSHIRE - MERRIMACK COUNTY", SCALE: 1"=100', DATED OCTOBER 14, 1998 AND LAST REVISED MAY 4, 1999, BY LEPENE ENGINEERING & SURVEYING, RECORDED IN THE MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN #14772.
  - "TAX MAP 4, LOT 021-005 - SUBDIVISION PLAN - FOR - GROVER STREET, LLC - CANTERBURY DEPOT ROAD - CANTERBURY, NEW HAMPSHIRE - MERRIMACK COUNTY", SCALE: 1"=50', DATED SEPTEMBER 13, 2004 AND LAST REVISED OCTOBER 5, 2004, BY LEPENE ENGINEERING & SURVEYING, RECORDED IN THE MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN #17104.
  - "STATE OF NEW HAMPSHIRE - DEPT. OF PUBLIC WORKS AND HIGHWAYS - PLANS OF PROPOSED - FEDERAL AID SECONDARY PROJECT - I-93-2(8)45 - NH PROJECT NO. P-5264F - INTERSTATE 93 - TOWN OF CANTERBURY - COUNTY OF MERRIMACK", LAYOUT, SCALE: 1"=50', FISCAL YEAR: 1959.

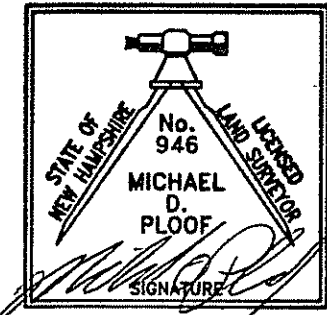
**APPROVAL:**  
THE ZONING ORDINANCE AND THE SUBDIVISION REGULATIONS OF THE TOWN OF CANTERBURY ARE HEREBY INCORPORATED BY REFERENCE AS PART OF THE APPROVAL OF THIS PLAN.  
THIS MAP IS HEREBY APPROVED BY THE PLANNING BOARD AT AN OFFICIAL MEETING HELD ON \_\_\_\_\_  
DATE \_\_\_\_\_ CHAIRMAN OF THE PLANNING BOARD



- NOTES:**
- THE OWNER OF RECORD FOR TAX MAP 249 LOT 16 IS C. N. WOOD REALTY CANTERBURY, 200 MERRIMACK STREET, WOBURN, MA 01801. DEED REFERENCE IS BK. 3040 PG.1992 DATED JANUARY 7, 2008 IN THE MERRIMACK COUNTY REGISTRY OF DEEDS.
  - THE PURPOSE OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS ON EXISTING TAX MAP 249 LOT 16.
  - THE TOTAL AREA OF THE LOT IS 5.069 ACRES OR 220,785 SQ.FT. WITH 419.95 FEET OF FRONTAGE ALONG HALL ROAD.
  - ZONING FOR THE LOT IS THE INDUSTRY DISTRICT (I):
 

<b>BUSINESS LIGHT INDUSTRY</b>	<b>REQUIRED</b>
MIN. LOT AREA	2 ACRES
MIN. LOT DEPTH	150 FT.
MIN. LOT WIDTH	200 FT.
MIN. FRONTAGE	200 FT.
MIN. FRONT SETBACK	50 FT.
MIN. SIDE & REAR SETBACK	20 FT.
  - THE BOUNDARY INFORMATION SHOWN IS BASED ON REFERENCE PLAN #1 CITED HEREON TOGETHER WITH A PRECISE BOUNDARY SURVEY BY THIS OFFICE.
  - THE SURFACE FEATURES SHOWN WERE DEVELOPED FROM A PRECISE FIELD SURVEY BY THIS OFFICE DURING THE MONTH OF JANUARY 2022.
  - THE HORIZONTAL ORIENTATION IS BASED ON NH STATE PLANE COORDINATE SYSTEM, DEVELOPED FROM THE N.O.A.A. ONLINE POSITIONING USER SERVICE (OPUS) WHICH UTILIZES THE HIGH ACCURACY NATIONAL SPATIAL REFERENCE SYSTEM (NSRS).
  - THE VERTICAL DATUM IS BASED ON NAVD88.
  - THE UNDERGROUND UTILITIES SHOWN HAVE BEEN COMPILED IN PART FROM PLANS OF RECORD AND FIELD LOCATION. THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES.
  - THE SUBJECT PARCEL IS NOT LOCATED IN A FLOOD HAZARD AREA AS DETERMINED FROM THE FLOOD INSURANCE STUDY (FIRM), MERRIMACK COUNTY, TOWN OF CANTERBURY, NEW HAMPSHIRE, COMMUNITY NO. 330013, PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, MAP NUMBER: 33013C0330E, DATED: APRIL 19, 2010.
  - THE SITE LIES OUTSIDE THE AQUIFER PER U.S.G.S. WATER RESOURCE INVESTIGATIONS REPORT 92-4123, PLATE NO. 8, FOR THE UPPER MERRIMACK RIVER BASIN, PREPARED IN COOPERATION WITH THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES AND WATER RESOURCES DIVISION.
  - THE LOT MAY BE SUBJECT TO:
    - THE DECLARATION OF PROTECTIVE COVENANTS FOR "CANTERBURY DEPOT COMMERCE PARK", SEE BOOK.2679 PAGE 944, DATED JULY 12, 2004 IN THE MERRIMACK COUNTY REGISTRY OF DEEDS.

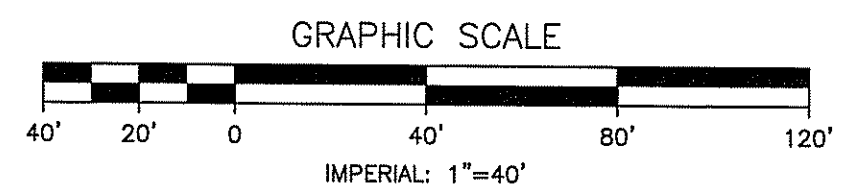
**CERTIFICATION:**  
"I HEREBY CERTIFY THAT THE EXISTING CONDITIONS SHOWN WERE DEVELOPED FROM A FIELD SURVEY PERFORMED BY FIELDSTONE LAND CONSULTANTS, PLLC DURING THE MONTH OF JANUARY, 2022 AND HAS A MAXIMUM ERROR OF CLOSURE OF ONE PART IN TEN THOUSAND (1:10,000)".



5/24/22

**LEGEND:**

---	RIGHT-OF-WAY LINE
---	BOUNDARY LINE
---	ABUTTING LOT LINE
---	BUILDING SETBACK LINE
---	EDGE OF PAVED ROAD
---	ATV TRAIL
---	EDGE OF TREE LINE
---	BOX WIRE R.O.W. FENCE
---	TAX MAP & LOT NUMBER
□ G.B.(F)	GRANITE BOUND FOUND
□ M.H.C.B.(F)	N.H.D.O.T. CONCRETE HWY. BOUND FOUND
○ L.PIN(F)	IRON PIN FOUND
---	UTILITY POLE & GUY
---	OVERHEAD UTILITY LINE
---	CULVERT OR DRAIN LINE
---	SINGLE SIGN POST
---	10' CONTOUR INTERVAL
---	2' CONTOUR INTERVAL



REV.	DATE	DESCRIPTION	C/O	DR	CK

**EXISTING CONDITIONS PLAN**  
**TAX MAP 249 LOT 16**  
**(HALL ROAD)**  
**CANTERBURY, NEW HAMPSHIRE**  
PREPARED FOR:  
**PATRIOT HOLDINGS, LLC**  
4023 DEAN MARTIN DRIVE, LAS VEGAS, NV 89103  
LAND OF:  
**C. N. WOOD REALTY**  
**CANTERBURY**  
200 MERRIMACK STREET, WOBURN, MA 01801

SCALE: 1"=40' MAY 24, 2022

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

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Phone: (603) 672-5456 Fax: (603) 413-5456  
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**249-18**  
TEN MILE BROOK HOLDINGS, LLC  
85 TEN MILE BROOK ROAD  
BRISTOL, NH 03222  
BK.3672 PG.469 3/30/20  
(HALL ROAD)

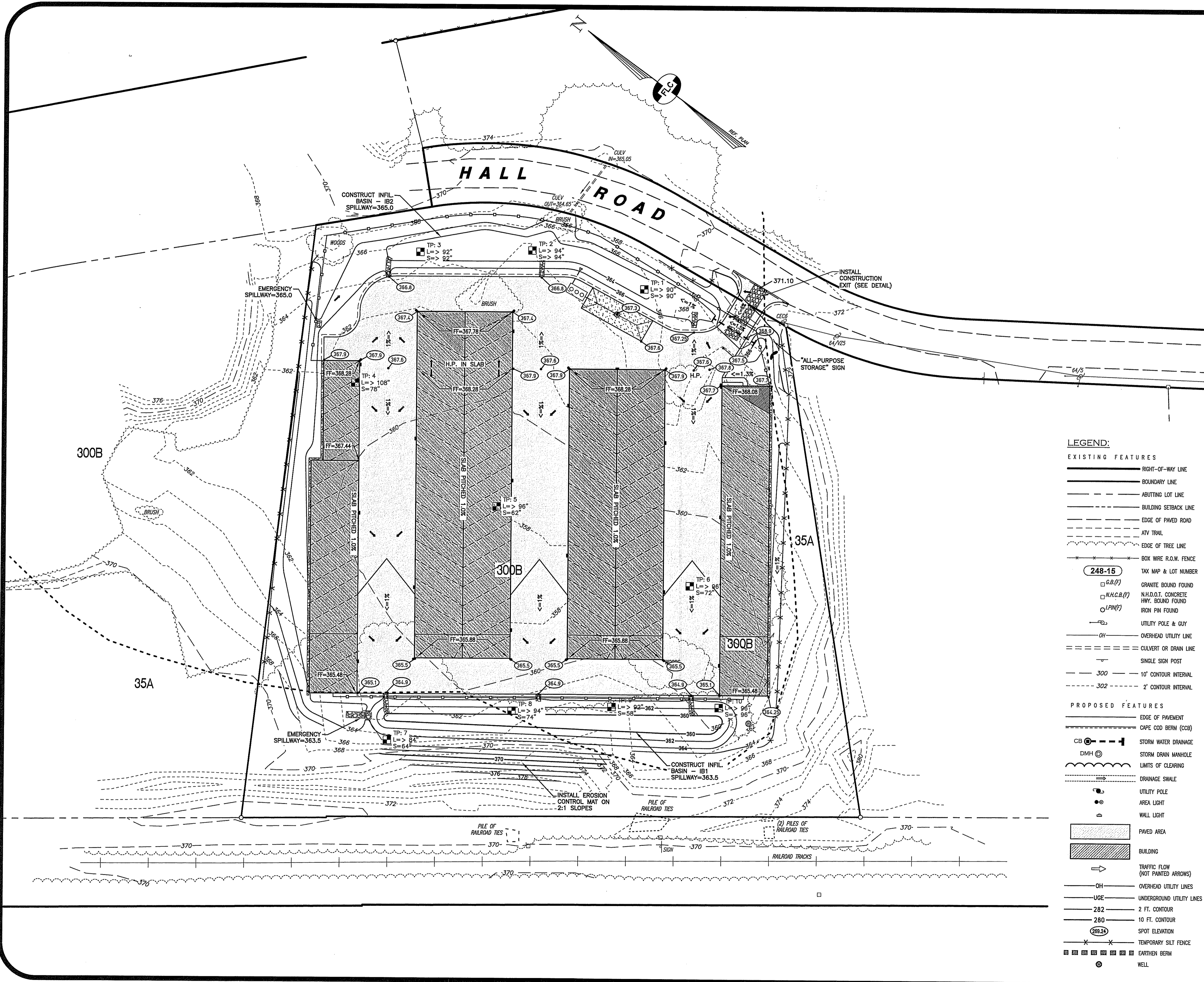
**248-15**  
ALL PURPOSE STORAGE CANTERBURY LLC  
4007 DEAN MARTIN DRIVE  
LAS VEGAS, NV 89103  
BK.3789 PG.570 4/18/2022  
(HALL ROAD)

**249-17**  
TEN MILE BROOK HOLDINGS, LLC  
85 TEN MILE BROOK ROAD  
BRISTOL, NH 03222  
BK.3672 PG.469 3/30/20  
(HALL ROAD)

**248-14**  
GROVER STREET LLC  
A/V A&B VENDING  
26 HALL ROAD  
CANTERBURY, NH 03224  
BK.2679 PG.952 7/12/04  
(26 HALL ROAD)

**251-7**  
STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION  
PO BOX 457  
CONCORD, NH 03302-0457  
BK.XXXX PG.XXXX

**249-14**  
FREDERICK G. ZELLER III  
& LUCYALL L. ZELLER  
77 INTERVALE ROAD  
CANTERBURY, NH 03224  
BK.1927 PG.1950 8/19/93  
(77 INTERVALE ROAD)



- GENERAL CONSTRUCTION NOTES:**
1. ALL WORK SHALL CONFORM TO THE APPLICABLE REGULATIONS AND STANDARDS OF THE TOWN OF CANTERBURY AND SHALL BE BUILT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. THE TOWN OF CANTERBURY DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS FOR ROAD CONSTRUCTION AND SEWERS AND DRAINS AND THE NHDOT STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION APPROVED AND ADOPTED 2016 ARE HEREBY INCORPORATED BY REFERENCE.
  2. ROAD AND DRAINAGE CONSTRUCTION SHALL CONFORM TO THE TYPICAL SECTIONS AND DETAILS SHOWN ON THE PLANS AND THE SPECIFICATIONS NOTED ABOVE. ANY ALTERATION OF THIS DESIGN OR CHANGE DURING CONSTRUCTION MAY REQUIRE APPROVAL OF VARIOUS TOWN BOARDS OR AGENCIES AND SHALL BE DISCUSSED WITH THE OWNER AND ENGINEER PRIOR TO CONSTRUCTION.
  3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS AND SHALL VERIFY THAT ALL THE INFORMATION SHOWN HEREON IS CONSISTENT, COMPLETE, ACCURATE, AND CAN BE CONSTRUCTED PRIOR TO AND/OR DURING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES, ERRORS, OMISSIONS, OR EXISTING UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION SO THAT REMEDIAL ACTION MAY BE TAKEN BEFORE PROCEEDING WITH THE WORK.
  4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING "DIGSAFE" AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION (811)
  5. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE TOWN DEPARTMENTS PRIOR TO CONSTRUCTION TO ARRANGE FOR NECESSARY INSPECTIONS.
  6. BLASTING, IF REQUIRED, SHALL BE PERFORMED IN ACCORDANCE WITH THE TOWN OF CANTERBURY FIRE DEPARTMENT REGULATIONS.
  7. ALL DISTURBED NON-PAVED AREAS SHALL BE LOAMED AND SEEDING IMMEDIATELY UPON BEING CONSTRUCTED.
  8. ALL TRAFFIC SIGNS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION
  9. EXISTING PAVEMENT SHALL BE SAW-CUT AS NECESSARY. THE CONTRACTOR SHALL ENSURE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW PAVEMENT.
  10. ALL POWER WORK SHALL CONFORM TO EVERSOURCE STANDARDS.
  11. ALL TELEPHONE WORK SHALL CONFORM TO CONSOLIDATED COMMUNICATIONS SPECIFICATIONS.
  12. STREET RESTORATION, IF ANY, SHALL BE IN ACCORDANCE WITH THE TOWN OF CANTERBURY SPECIFICATIONS.
  13. CONTRACTOR SHALL OBTAIN STRUCTURAL DESIGN PLANS, DETAILS AND SPECIFICATIONS FOR ALL RETAINING WALLS SHOWN ON THIS PLAN PRIOR TO CONSTRUCTION. THE RETAINING WALLS SHOWN SHALL BE DESIGNED BY OTHERS UNLESS OTHERWISE NOTED.
  14. THE SOIL TYPE, PER NRCS SOILS SURVEY, FOR THE ENTIRE SITE IS SHOWN ON NRCS SOILS LEGEND THIS SHEET.

- REFERENCE PLANS:**
1. "TAX MAP 4, LOT 033-000 & 021-002 - SUBDIVISION AND ANNEXATION - OF LAND FOR - TOWN OF CANTERBURY - AND WILLIAM M. & KATHLEEN RICE - WEST ROAD - CANTERBURY, NEW HAMPSHIRE - MERRIMACK COUNTY", SCALE 1"=100', DATED OCTOBER 14, 1998 AND LAST REVISED MAY 4, 1999, BY LEPENE ENGINEERING & SURVEYING, RECORDED IN THE MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN #14772.
  2. "TAX MAP 4, LOT 021-005 - SUBDIVISION PLAN - FOR - GROVER STREET, LLC - CANTERBURY DEPOT ROAD - CANTERBURY, NEW HAMPSHIRE - MERRIMACK COUNTY", SCALE 1"=50', DATED SEPTEMBER 13, 2004 AND LAST REVISED OCTOBER 5, 2004, BY LEPENE ENGINEERING & SURVEYING, RECORDED IN THE MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN #17104.
  3. "STATE OF NEW HAMPSHIRE - DEPT. OF PUBLIC WORKS AND HIGHWAYS - PLANS OF PROPOSED - FEDERAL AID SECONDARY PROJECT - I-93-2(8)45 - NH PROJECT NO. P-5264F - INTERSTATE 93 - TOWN OF CANTERBURY - COUNTY OF MERRIMACK", LAYOUT, SCALE 1"=50', FISCAL YEAR: 1959.

- LEGEND:**
- EXISTING FEATURES**
- RIGHT-OF-WAY LINE
  - BOUNDARY LINE
  - ADJUTING LOT LINE
  - BUILDING SETBACK LINE
  - EDGE OF PAVED ROAD
  - ATV TRAIL
  - EDGE OF TREE LINE
  - BOX WIRE R.O.W. FENCE
  - TAX MAP & LOT NUMBER
  - GRANITE BOUND FOUND
  - N.H.C.B.(F) N.H.D.O.T. CONCRETE HWY. BOUND FOUND
  - IRON PIN FOUND
  - UTILITY POLE & GUY
  - OVERHEAD UTILITY LINE
  - CULVERT OR DRAIN LINE
  - SINGLE SIGN POST
  - 300 10' CONTOUR INTERVAL
  - 302 2' CONTOUR INTERVAL
- PROPOSED FEATURES**
- EDGE OF PAVEMENT
  - CAPE COD BERM (CCB)
  - STORM WATER DRAINAGE
  - STORM DRAIN MANHOLE
  - LIMITS OF CLEARING
  - DRAINAGE SWALE
  - UTILITY POLE
  - AREA LIGHT
  - WALL LIGHT
  - PAVED AREA
  - BUILDING
  - TRAFFIC FLOW (NOT PAINTED ARROWS)
  - OVERHEAD UTILITY LINES
  - UNDERGROUND UTILITY LINES
  - 2 FT. CONTOUR
  - 280 10 FT. CONTOUR
  - SPOT ELEVATION
  - TEMPORARY SILT FENCE
  - EARTHEN BERM
  - WELL

STATE OF NEW HAMPSHIRE  
 CHAD BRAYON  
 No. 12891  
 PROFESSIONAL ENGINEER  
 5/24/2022

GRAPHIC SCALE  
 40' 20' 0 40' 80' 120'  
 IMPERIAL: 1"=40'

REV.	DATE	DESCRIPTION	C/O	DR	CK

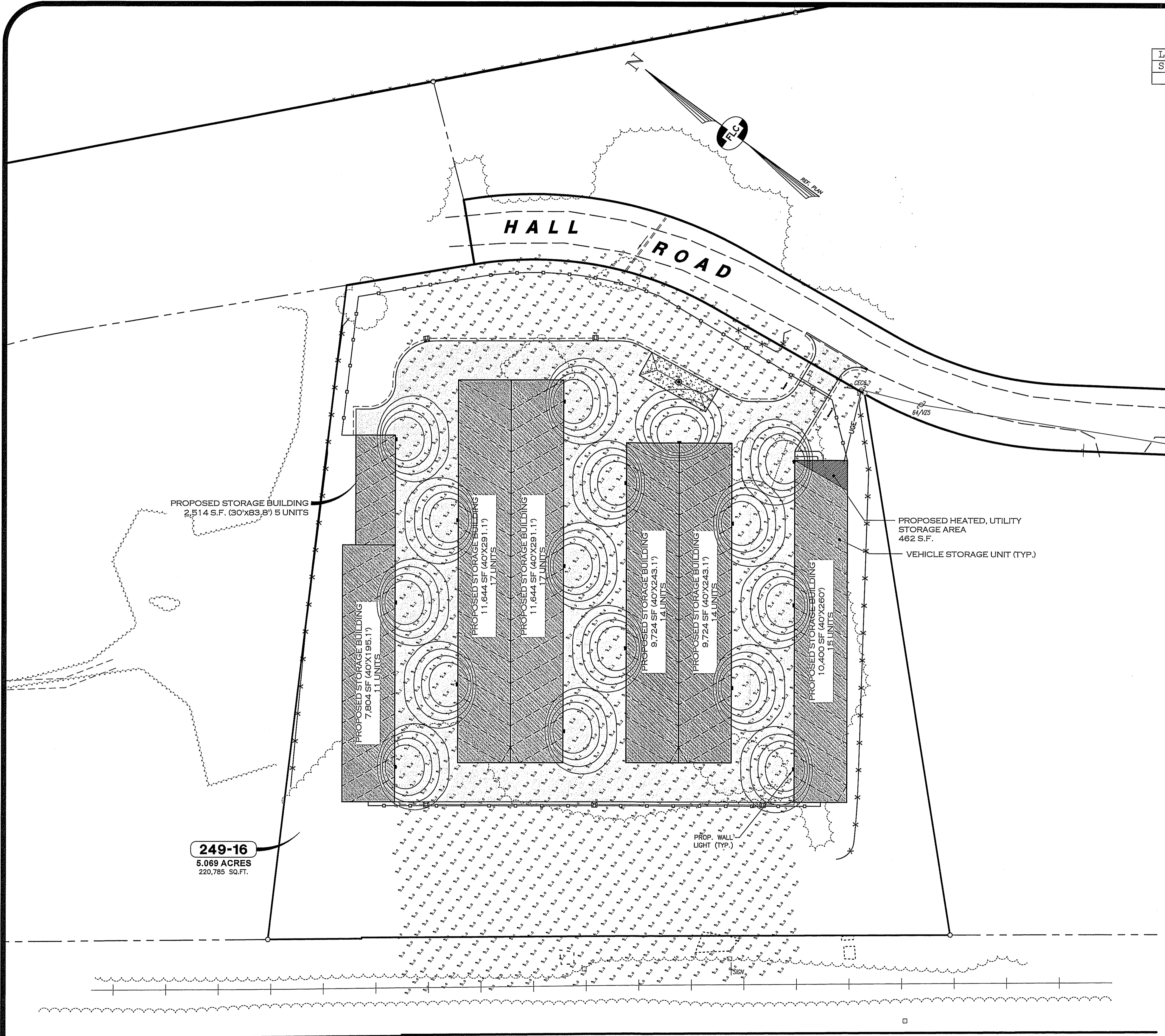
**GRADING & DRAINAGE PLAN**  
**TAX MAP 249 LOT 16**  
**(HALL ROAD)**  
**CANTERBURY, NEW HAMPSHIRE**  
 PREPARED FOR:  
**PATRIOT HOLDINGS, LLC**  
 4007 DEAN MARTIN DRIVE, LAS VEGAS, NV 89103

SCALE: 1"=40' MAY 24, 2022

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

**FIELDSTONE**  
 LAND CONSULTANTS, PLLC

206 Elm Street, Milford, NH 03055  
 Phone: (603) 672-5456 Fax: (603) 413-5456  
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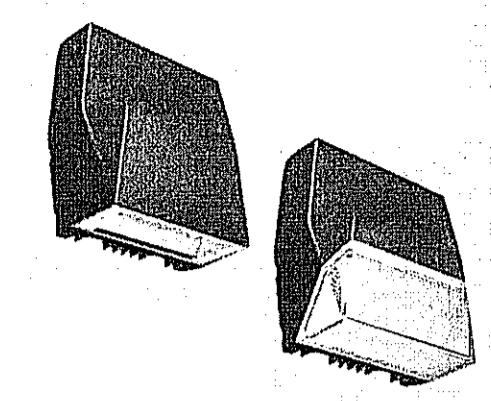


Luminaire Schedule				
Symbol	Qty	Label	Arrangement	Description
+	16	W	Single	AXCS4A-MSP30 / WALL MTD 15' AFG

**Lumark**

**Axcent** (OR EQUAL)

Wall Mount Luminaire



NOTE: LIGHT FIXTURES ARE AVAILABLE THROUGH CHARRON, LLC LIGHTING DISTRIBUTOR 603-624-4827

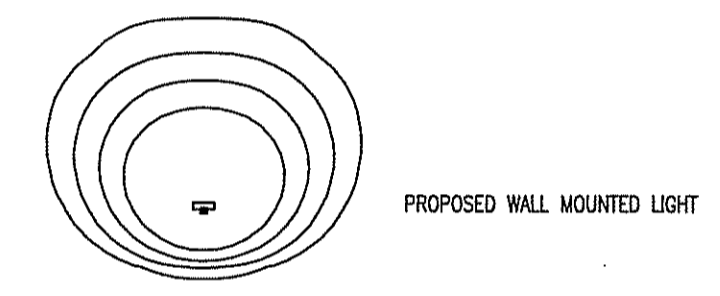
**Lumark AXCS / AXCL Axcent (OR EQUAL)**

**Product Specifications**

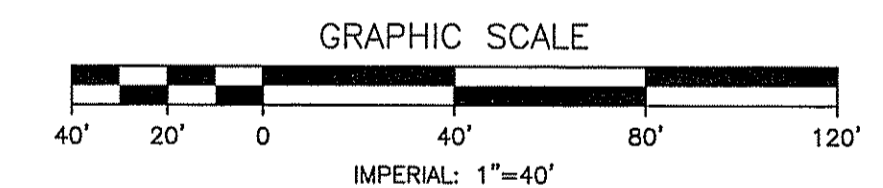
- Construction**
  - Die-cast aluminum housing
  - External back fin design extracts heat from the surface to thermally optimize design for longer luminaire life
- Optics**
  - Dark Sky Approved (Fixed mount, Full cutoff, and 3000K CCT only)
  - Silicone-sealed optical LED chamber
  - Acrylic reflective or full cutoff lens options for Type IV distributions
- Electrical**
  - Standard universal voltage (120-277V, 50/60Hz)
  - Driver incorporates 6kV surge protection
  - 40°C minimum operating temperature
  - 40°C maximum operating temperature
  - <20% total harmonic distortion
- 0-10V dimming driver is standard with leads external to the fixture**
- Mounting**
  - Steel wedge mounting plate fits directly to 4" standard J-box or directly to wall with the "Hook-N-Lock" mechanism
  - Stainless steel set screws
  - Lumen Select Back Box accessory offers four 1/2" NPT conduit entry wire ways. Resistor Pack, combi-locks allow field dimming of 75% or 50% when connected to luminaire dimming leads
  - Not suitable for indoor use when installed in inverted/light orientation
- Finish**
  - The separate emergency lighting LEDs are wired to provide redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting
  - Five-stage super TG10 polyester powder coat paint, 2.3 mil nominal thickness
- Shipping Data**
  - Small fixture=5 lbs. [2.26 kgs.]
  - Small with sensor or CBP=10 lbs. [4.49 kgs.]
  - Large fixture=12 lbs. [5.45 kgs.]
  - Large with sensor or CBP=17 lbs. [7.73 kgs.]
  - Large with sensor & CBP=21 lbs. [9.54 kgs.]
- Emergency Egress**
  - Optional integral cold weather battery emergency egress includes emergency operation test switch, an A2-DN indicator light and a premium, maintenance-free battery pack

**WALL LIGHT**

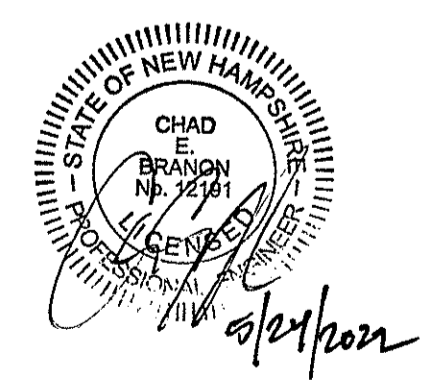
**LIGHTING LEGEND:**



SEE GRADING & DRAINAGE PLAN FOR GENERAL CONSTRUCTION NOTES



REV.	DATE	DESCRIPTION	C/O	DR	CK
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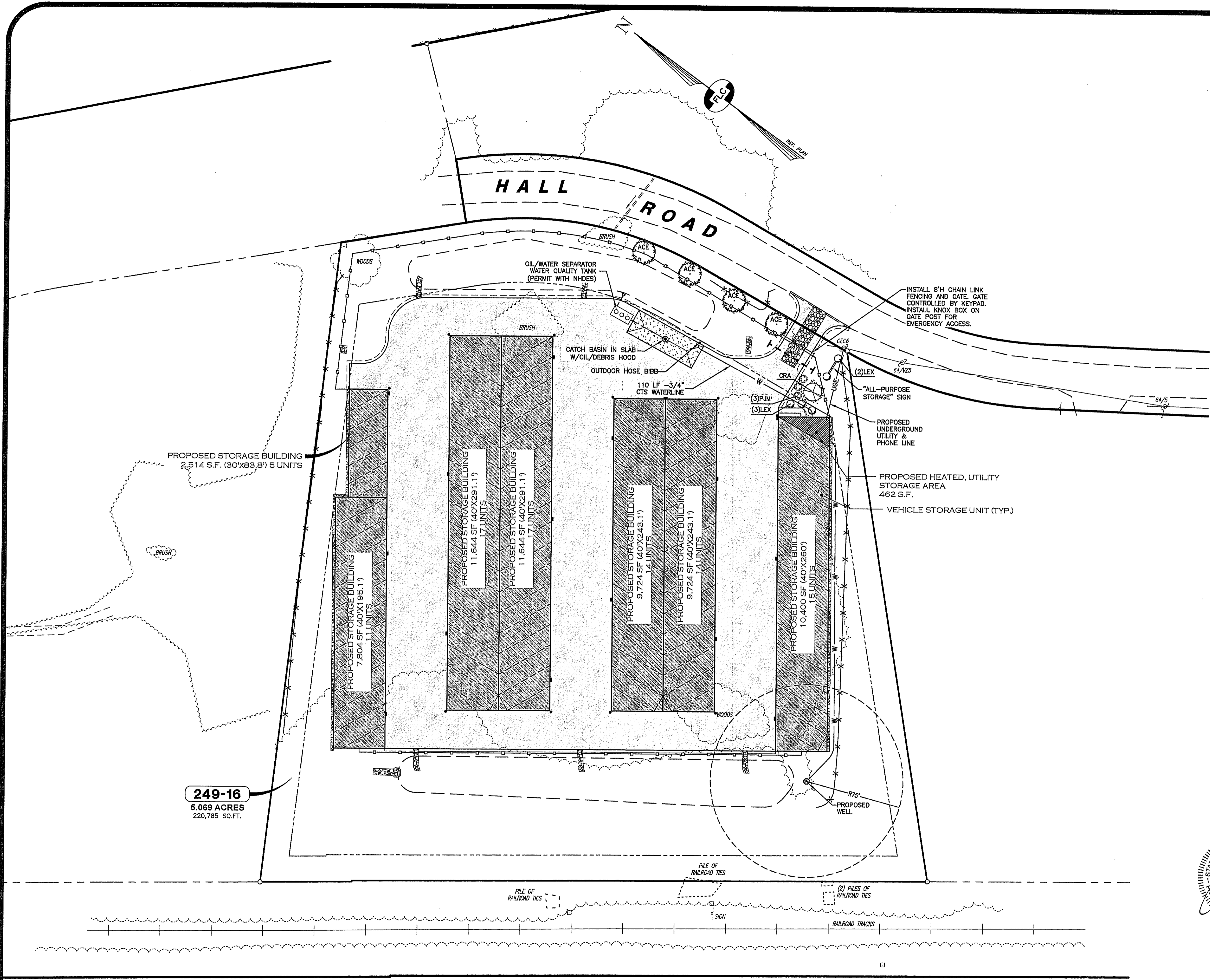


**LIGHTING PLAN**  
**TAX MAP 249 LOT 16**  
**(HALL ROAD)**  
**CANTERBURY, NEW HAMPSHIRE**  
 PREPARED FOR:  
**PATRIOT HOLDINGS, LLC**  
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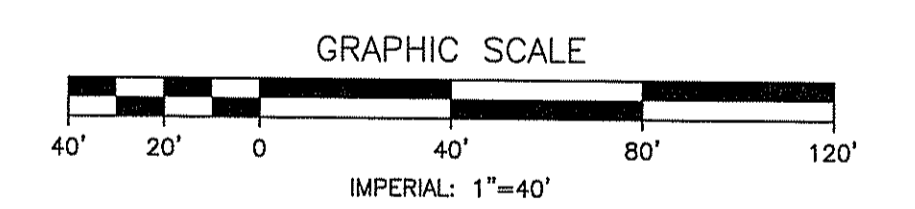


PLANT SYMBOLS	PLANT LIST (OR EQUAL)	QTY.
	ACER RUBRUM ARMSTRONG (ARMSTRONG MAPLE)	(4) 2.5"-3" CAL.
	CRATAEGUS VRIDIS (WINTER KING HAWTHORN)	(1) 3"-3.5" CAL.
	ILEX MESURVAEAE 'BLUE PRINCE' (MALE HOLLY)	(5) 2.5"-3"
	RHOD. 'P.J.M.' COMP. CLONE (COMPACT RHODODENDRON)	(3) 18"-24"

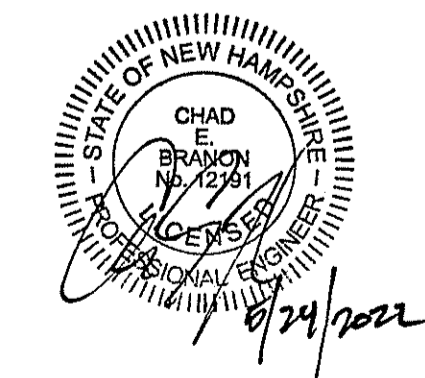
- LANDSCAPING NOTES:**
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIG-SAFE AND FOR VERIFICATION OF ALL UTILITIES AND SHALL NOTIFY THE OWNERS REPRESENTATIVE OF ANY CONFLICTS PRIOR TO COMMENCING.
  - EXISTING TREES TO REMAIN SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION.
  - UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED WITHIN THE IMMEDIATE AREA NO PLANT MATERIAL SHALL BE INSTALLED.
  - UNLESS OTHERWISE NOTED OR APPROVED, ALL TREES MUST BE BALLED AND BURLAPPED.
  - ALL PLANT MATERIALS INSTALLED SHALL MEET OR EXCEED THE SPECIFICATIONS OF "THE AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSEYMEN.
  - ANY PROPOSED PLANT MATERIAL SUBSTITUTIONS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE.
  - ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE INSTALLER FOR ONE YEAR FOLLOWING DATE OF ACCEPTANCE.
  - IN AREAS OF STONE MULCH LAY 6 MIL SHEETS OF "MSQUEEN" TYPE POLYETHYLENE ON COMPACTED SUBGRADE BEFORE PLACING STONE, MINIMUM 6" OVERLAP. PERFORATE SHEETING IN PLANTING BEDS BEFORE PLACING STONE.
  - UNLESS OTHERWISE NOTED LOAM AND SEED ALL DISTURBED AREAS WITH A MINIMUM 4" OF SUITABLE LOAM. SLOPES GREATER THAN 3:1 SHALL BE PROTECTED WITH AN EROSION CONTROL BLANKET. SEE SITE PLAN.
  - WHERE APPLICABLE, THE CONTRACTOR SHALL HAVE ALL FALL TRANSPLANTING HAZARD PLANTS DUG IN THE SPRING AND STORED FOR FALL PLANTING.
  - PLANTS SHALL BE INSTALLED WITHIN ONE YEAR OF COMMENCEMENT OF CONSTRUCTION
  - ALL LANDSCAPING SHALL BE LOCATED AND MAINTAINED SO AS NOT TO IMPACT THE LINES OF SIGHT AT THE ENTRANCE AND INTERNAL INTERSECTIONS.
  - ALL LANDSCAPED AREAS WILL BE MAINTAINED TO HAVE A SUFFICIENT AMOUNT OF WATER TO MAINTAIN VIABILITY EITHER BY IRRIGATION OR BY OTHER MEANS.
  - PROPOSED PLANTINGS SHALL NOT CONFLICT WITH SNOW STORAGE AREAS, LIGHT FIXTURES OR UNDERGROUND UTILITIES.

- UTILITY NOTES:**
- THE SITE WILL HAVE SECURITY CAMERAS INSTALLED AND MANAGED BY PATRIOT HOLDINGS.
  - THE PRIVATE WELL WILL SUPPLY WATER TO THE UTILITY ROOM, WHICH WILL BE HEATED. WATER WILL RUN FROM THE UTILITY ROOM TO THE OUTDOOR WASH STATION.
  - THE WASH STATION WATER WILL DRAIN TO AN OIL WATER SEPARATOR AND INTO A HOLDING TANK. THE PLANS AND DETAILS FOR THIS SETUP WILL BE PERMITTED WITH NHDES SUBSURFACE BUREAU.
  - THE ENCLOSED BUILDINGS SHALL HAVE AN ADDRESSIBLE FIRE ALARM PANEL WITH AN AUTO-DIALER TO NOTIFY THE FIRE DEPARTMENT. SMOKE DETECTORS SHALL BE INSTALLED PER FIRE CODE AND BE ADDRESSIBLE.
  - ALL UTILITIES ON SITE WILL BE INSTALLED UNDERGROUND.
  - ALL ELECTRICAL INSTALLATION SHALL MEET THE PROVIDERS SPECIFICATIONS AND ELECTRICAL CODE. POWER WILL BE USED ON SITE FOR THE WATER EQUIPMENT, LIGHTING, AND OUTLETS IN THE BUILDINGS.

SEE GRADING & DRAINAGE PLAN FOR GENERAL CONSTRUCTION NOTES



**249-16**  
5.069 ACRES  
220,785 SQ.FT.



REV.	DATE	DESCRIPTION	C/O	DR	CK

**LANDSCAPING & UTILITIES PLAN**  
**TAX MAP 249 LOT 16**  
**(HALL ROAD)**  
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- PRIOR TO STARTING ANY WORK ON THE SITE THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES.
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS THEREOF IN NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICE STORM WATER MANUALS, VOLUME 1-3, LATEST EDITION.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PER PLANS AND DETAILS. PERIMETER CONTROLS SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF EARTH DISTURBING ACTIVITIES.
- INSTALL INLET PROTECTION AROUND ALL STORM DRAIN STRUCTURES. INLET PROTECTION BMP'S SHALL REMAIN UNTIL THE SITE IS STABILIZED. CONSTRUCTION OF STORMWATER BASINS AND TREATMENT SWALES SHALL OCCUR PRIOR TO AND EARTH MOVING OPERATION THAT WILL INFLUENCE STORM WATER RUNOFF.
- THE WORK AREA SHALL BE GRADED, SHAPED AND OTHERWISE DRAINED IN SUCH A MANNER AS TO MINIMIZE SOIL EROSION. SITUATION OF DRAINAGE CHANNELS, DAMAGE TO EXISTING VEGETATION, AND DAMAGE TO PROPERTY OUTSIDE THE LIMITS OF THE WORK AREA.
- EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEN POSSIBLE.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE KEPT CLEAN DURING CONSTRUCTION. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EVERY 0.25-INCH OR GREATER RAINFALL. SEDIMENTS SHALL BE DISPOSED OF IN AN UPLAND AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND BE PERMANENTLY STABILIZED.
- THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION. AT NO TIME SHALL THE TOTAL UNSTABILIZED DISTURBED AREA, INCLUDING LOT DISTURBANCES, BE GREATER THAN FIVE (5) ACRES.
- THE LAND AREA EXPOSED SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME. ALL NON-ACTIVE DISTURBED AREAS SHALL BE STABILIZED WITHIN 30 DAYS OF THE DISTURBANCE. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF FINAL GRADING.
- DITCHES, SWALES AND DRAINAGE BASINS SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF CONSTRUCTION AND STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
- AN AREA SHALL BE CONSIDERED STABILIZED IF ONE OF THE FOLLOWING HAS OCCURRED:
  - 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 OR RIPRAP, HAS BEEN INSTALLED; OR
  - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- EROSION CONTROL BLANKETS SHALL BE INSTALLED ON ALL SLOPES THAT ARE STEEPER THAN 3:1 (HORIZONTAL / VERTICAL). UNLESS OTHERWISE SPECIFIED THE CONTRACTOR SHALL USE NORTH AMERICAN GREEN SC150, OR APPROVED EQUAL.
- ALL AREAS RECEIVING EROSION CONTROL STONE OR RIPRAP SHALL HAVE A GEOTEXTILE MATERIAL INSTALLED BELOW THE STONE (SEE APPROPRIATE DETAILS).
- ALL DISTURBED AREAS TO TURF FINISHED SHALL BE COVERED WITH A MINIMUM THICKNESS OF 6 INCHES OF COMPACTED LOAM. LOAM SHALL BE COVERED WITH THE APPROPRIATE SEED MIXTURE AS INDICATED BELOW:
 

PERMANENT SEED (LAWN AREAS)	LBS / 1,000 SQ. FT.	PERMANENT SLOPE SEED MIX	LBS / 1,000 SQ. FT.
CREeping RED FESCUE	0.92 LBS	PERENNIAL RYEGRASS	0.80 LBS
PERENNIAL RYEGRASS	1.15 LBS	RECTORP	0.69 LBS
KENTUCKY BLUEGRASS	0.58 LBS	ALSKIE CLOVER	0.12 LBS
RECTORP	0.12 LBS	BIRDSFOOT TREFLOL	0.12 LBS
**APPLICATION RATE TOTALS		**APPLICATION RATE TOTALS	
2.8 LBS PER 1,000 SF**		1.85 LBS PER 1,000 SF**	

- TEMPORARY STABILIZATION OF DISTURBED AREAS: STRIPPED SOIL SHALL BE STOCKPILED UNCOMPACTED, AND STABILIZED AGAINST EROSION AS OUTLINED BELOW: SEED BED PREPARATION: 10-10-10 FERTILIZATION TO BE SPREAD AT THE RATE OF 7 LBS. PER 100 SF AND AGRICULTURAL LIMESTONE AT A RATE OF 90 LBS PER 1000 SF AND INCORPORATED INTO THE SOIL. THE SOIL, FERTILIZER AND LIMESTONE SHALL BE TILLED TO PREPARE FOR SEEDING.

A. SEED MIXTURE: USE ANY OF THE FOLLOWING:

SPECIES	RATE PER 1,000 SF	DEPTH	SEEDING DATES
WINTER RYE	2.5 LBS	1 INCH	8/15 TO 9/15
ONTS	2.5 LBS	1 INCH	4/15 TO 10/15
ANNUAL RYEGRASS	1.0 LBS	0.25 INCH	8/15 TO 9/15

B. MULCHING: MULCH SHOULD BE USED ON HIGHLY ERODIBLE AREAS, AND WHERE CONSERVATION OF MOISTURE WILL FACILITATE PLANT ESTABLISHMENT AS FOLLOWS:

TYPE	RATE PER 1,000 SF	USE AND COMMENTS
STRAW	70 TO 90 LBS	MAY BE USED WITH PLANTINGS, MUST BE ANCHORED TO BE USED ALONE
WOOD CHIPS OR BARK MULCH	460 TO 920 LBS	USED WITH TREE AND SHRUB PLANTINGS
FIBROUS MATTING	AS RECOMMENDED BY MANUFACTURER	MUST BE BIODEGRADABLE. USE IN SLOPE AREAS AND AREAS DIFFICULT TO VEGETATE
CRUSHED STONE	SPREAD TO GREATER THAN 1/2" THICKNESS	USE IN SPECIFIC AREAS AS SHOWN ON PLAN OR AS NEEDED

- APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS. IF SOIL TESTING IS NOT FEASIBLE (CRITICAL TIME FRAMES OR VARIABLE SITES) THEN APPLY FERTILIZER AT A RATE OF 11 POUNDS PER 1,000 SF AND LIMESTONE AT A RATE OF 90 POUNDS PER 1,000 SF. FERTILIZER SHALL BE LOW PHOSPHATE (LESS THAN 2% PHOSPHORUS).
- CAUTION SHOULD BE TAKEN WHEN THE PROPERTY IS LOCATED WITHIN 250 FEET OF A WATER BODY. IN THIS CASE ALL FERTILIZERS SHALL BE RESTRICTED TO A LOW PHOSPHATE, SLOW RELEASE NITROGEN FERTILIZER. SLOW RELEASE FERTILIZERS MUST BE AT LEAST 50% SLOW RELEASE NITROGEN COMPONENT. NO FERTILIZER EXCEPT LIMESTONE SHALL BE APPLIED WITHIN 25 FEET OF THE SURFACE WATER. THESE ARE REGULATED LIMITATIONS.
- PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS (SEE WINTER CONSTRUCTION NOTES). NO DISTURBED AREAS SHALL BE LEFT EXPOSED DURING THE WINTER MONTHS.
- A VIGOROUS DUST CONTROL PROGRAM SHALL BE APPLIED BY THE SITE CONTRACTOR. DUST SHALL BE MANAGED THROUGH THE USE OF WATER AND/OR CALCIUM CHLORIDE.
- IN NO WAY ARE THE MEASURES INDICATED ON THE PLANS OR IN THESE NOTES TO BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL USE JUDGMENT TO INSTALL ADDITIONAL EROSION CONTROL MEASURES AS SITE CONDITIONS, WEATHER OR CONSTRUCTION METHODS WARRANT.
- FOLLOWING PERMANENT STABILIZATION, TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND ACCUMULATED SEDIMENTATION IS TO BE DISPOSED OF IN AN APPROVED LOCATION, OUTSIDE OF JURISDICTIONAL WETLANDS.
- LOT DISTURBANCE OTHER THAN SHOWN ON THE APPROVED PLANS, SHALL NOT COMMENCE UNTIL AFTER THE ROADWAY HAS THE BASE COURSE TO DESIGN ELEVATION AND THE ASSOCIATED DRAINAGE IS COMPLETE AND STABLE.
- THE CONTRACTOR AND OWNER ARE RESPONSIBLE FOR OBSERVING AND MANAGING THE PROJECT PER RSA 430:53 AND AOR 3800 REGARDING INVASIVE SPECIES (PLANTS AND INSECTS). NO INVASIVE SPECIES PLANT OR INSECT SHALL BE INTRODUCED ONTO THE SITE.

**EROSION CONTROL NOTES** 1 DT-1

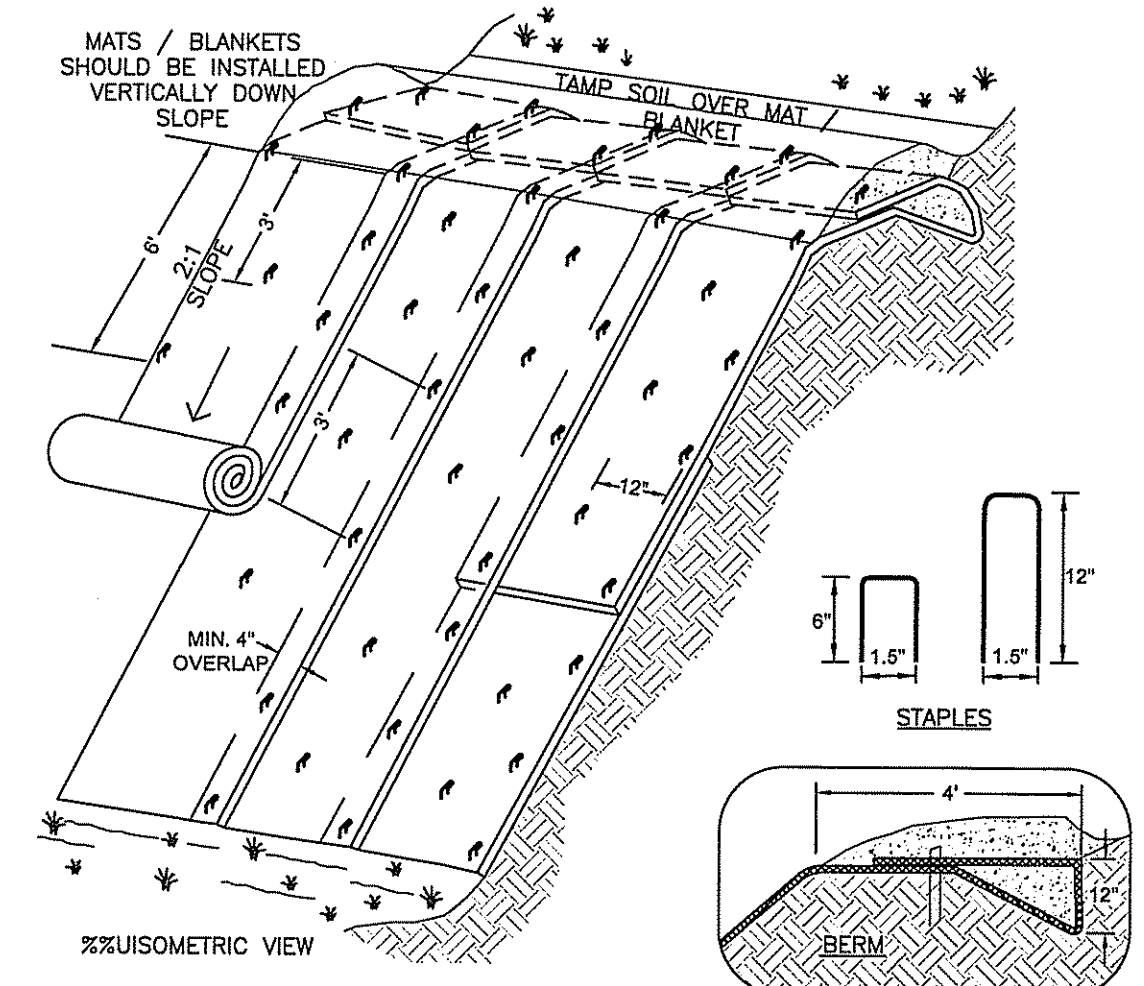
CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION  
**DIGSAFE.COM**  
 OR DIAL 8 1 1  
 IT'S SMART, IT'S FREE, IT'S THE LAW.

- ALL PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATED GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED. STABILIZATION METHODS SHALL INCLUDE 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 FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATED GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL OR PROPERLY INSTALLED EROSION CONTROL BLANKETS COVERED WITH HAY. OTHER STABILIZATION OPTIONS ARE TO BE APPROVED BY THE APPROPRIATE AGENCIES AND THE DESIGN ENGINEER. IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER MONTHS THEN THE ROAD SHOULD BE CLEARED OF ACCUMULATED SNOW AFTER EACH STORM EVENT.

**WINTER CONSTRUCTION NOTES** 2 DT-1

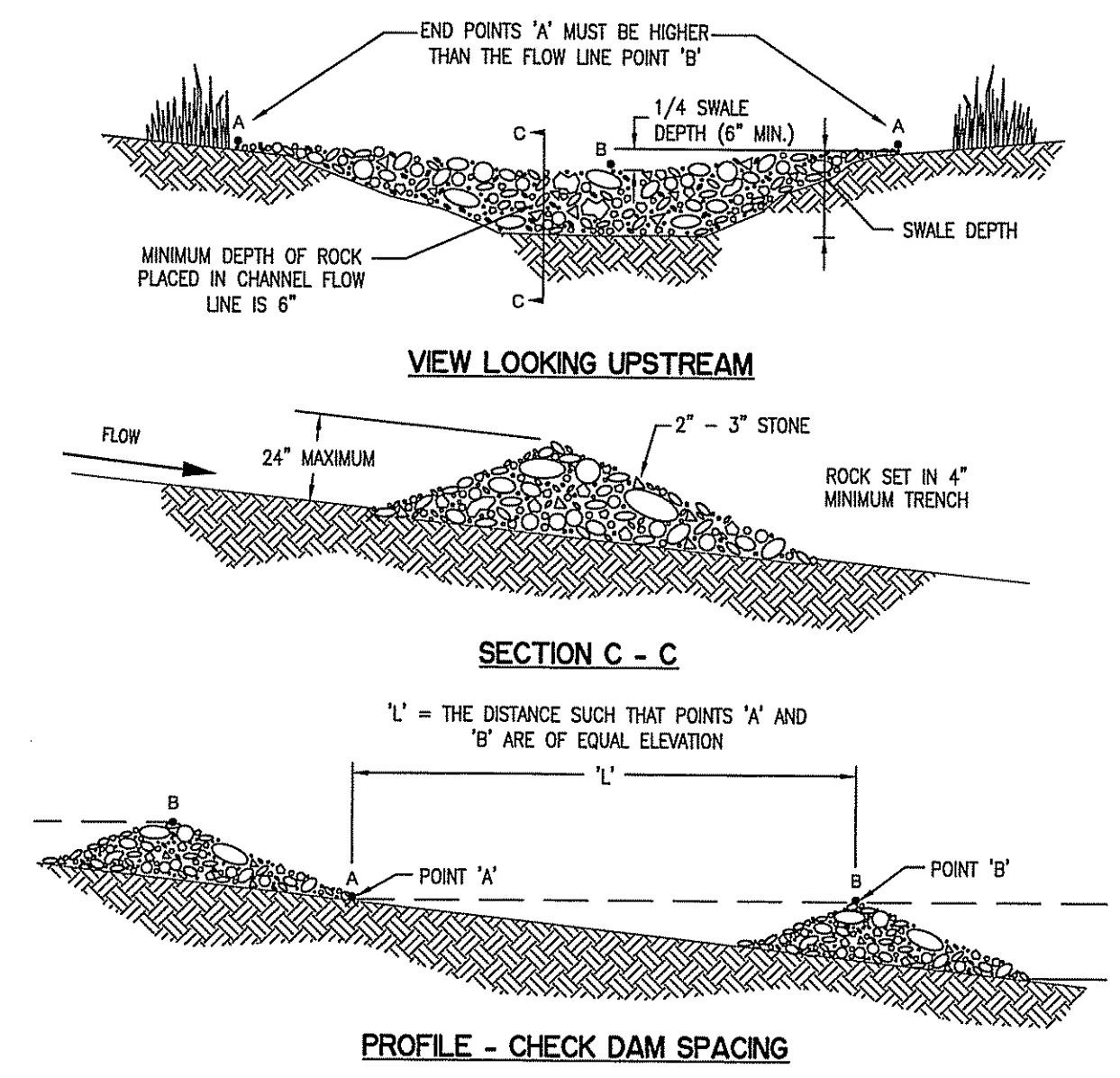
- INSTALL SILTATION CONTROL FENCES IN LOCATIONS SHOWN HEREON. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EARTH MOVING OPERATION.
- INSTALL STABILIZED CONSTRUCTION EXIT(S).
- CUT AND CLEAR TREES; DISPOSE OF DEBRIS. STUMPS ARE TO BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
- REMOVE TOPSOIL AND STOCKPILE AWAY FROM ANY WETLAND. STABILIZE STOCKPILE IMMEDIATELY BY SEEDING. PLACE SILT FENCE AROUND THE DOWN SLOPE SIDE OF EARTH STOCKPILES.
- ROUGH GRADE SITE - CONSTRUCT DRAINAGE BASINS AND DRAINAGE SWALES DURING INITIAL PORTION OF CONSTRUCTION. STABILIZE IMMEDIATELY PER THE CONSTRUCTION AND EROSION CONTROL DETAILS. DO NOT DIRECT STORM WATER RUNOFF TO THESE STRUCTURES UNTIL A HEALTHY VEGETATIVE COVER IS ESTABLISHED.
- BEGIN BUILDING CONSTRUCTION.
- CONSTRUCT GRAVEL PARKING AREA (PAVEMENT OPTIONAL) AND BUILDING PAD. INSTALL UTILITIES AND STRUCTURES. ALL CUT AND FILL SLOPES SHALL BE STABILIZED UPON COMPLETION OF ROUGH GRADING PER THE EROSION CONTROL NOTES.
- INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS AND AFTER EVERY 0.25" OR GREATER RAINFALL.
- DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, CULVERTS, DITCHES, SILTATION FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
- FINISH GRADING TO PREPARE FOR PAVING (IF ANY) AND LOAMING. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 72 HOURS AFTER FINAL GRADING.
- FINISH PAVING (IF ANY). PERMANENT SEEDING SHALL BE PERFORMED UPON COMPLETION OF PARKING AREA (SEE EROSION CONTROL NOTES).
- COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED.
- ALL STRUCTURES SHALL BE CLEANED OF SEDIMENTS ONCE CONSTRUCTION IS COMPLETE.

**CONSTRUCTION SEQUENCE** 3 DT-1



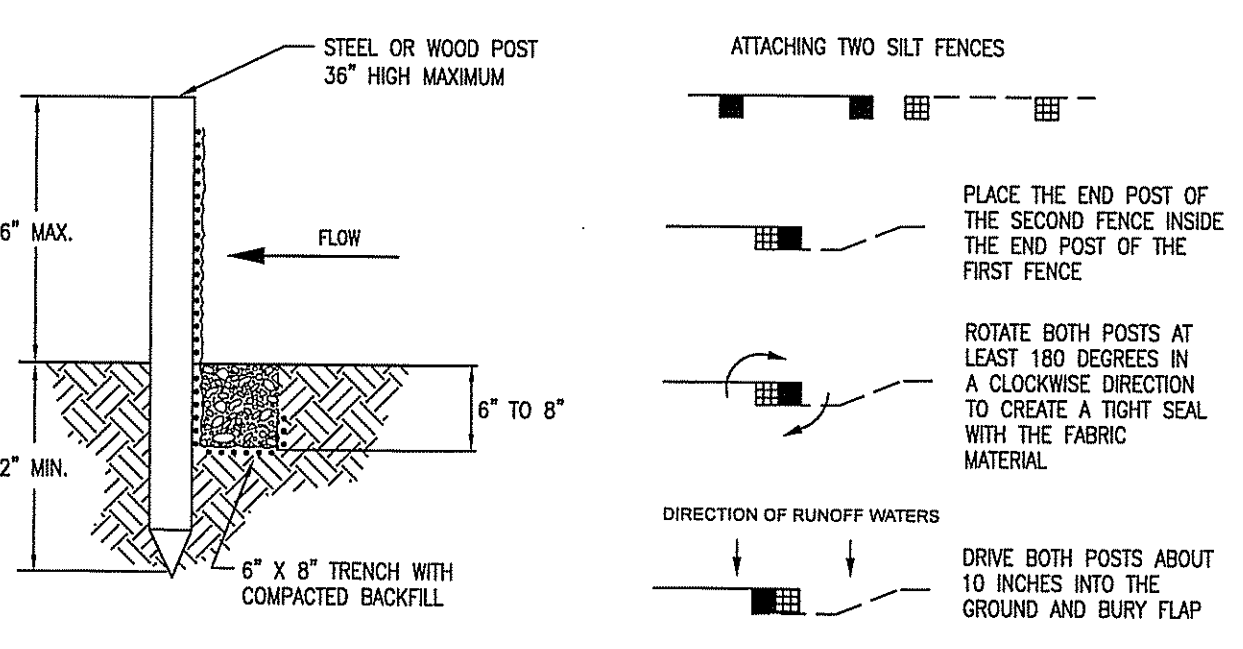
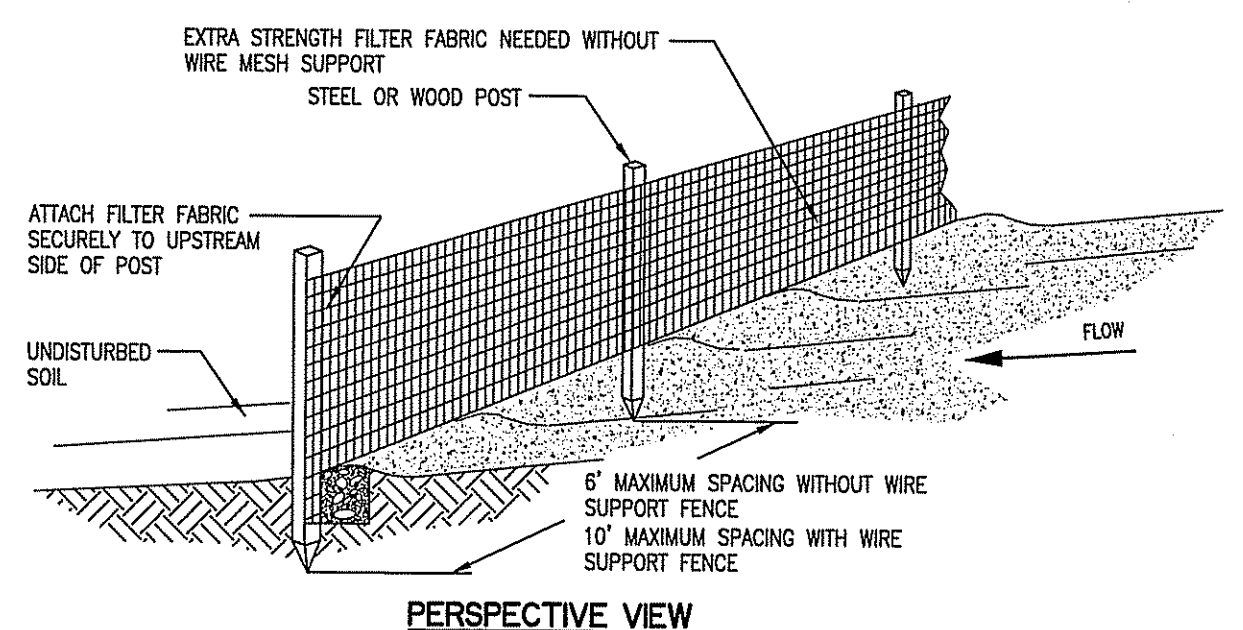
- NOTES:
- DIMENSIONS GIVEN IN THIS DETAIL ARE EXAMPLES: DEVICE SHOULD BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
  - INSTALL STRAW/COCONUT FIBER EROSION CONTROL MAT SUCH AS NORTH AMERICAN GREEN SC150 OR EQUAL ON ALL SLOPES EXCEEDING 3' HORIZ : 1' VERT.
  - THE EROSION CONTROL MATERIAL(S) SHALL BE ANCHORED WITH 1/8" SHAPED 11 GAUGE WIRE STAPLES OR WOODEN STAKES WITH A MINIMUM TOP WIDTH OF 1 INCH AND LENGTH OF 6 INCH.
  - SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS / BLANKETS SHALL HAVE GOOD SOIL CONTACT.
  - APPLY LIME, FERTILIZER AND PERMANENT SEEDING BEFORE PLACING BLANKETS.
  - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET AS SHOWN. ROLL THE BLANKETS DOWN THE SLOPE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES OR STAKES IN APPROPRIATE LOCATIONS. REFER TO MANUFACTURERS STAPLE GUIDE FOR CORRECT STAPLE PATTERN.
  - LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
  - IN LOOSE SOIL CONDITIONS THE USE OF STAPLES OR STAKE LENGTHS GREATER THAN 6 INCHES MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.
  - THE CONTRACTOR SHALL MAINTAIN THE BLANKET UNTIL ALL WORK ON THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE SHALL CONSIST OF THE REPAIR OF AREAS WHERE DAMAGED BY ANY CAUSE. ALL DAMAGED AREAS SHALL BE REPAIRED TO REESTABLISH THE CONDITIONS AND GRADE OF THE SOIL PRIOR TO APPLICATION OF THE COVERING AND SHALL BE REFERTILIZED, RESEEDED AND REMULCHED AS DIRECTED.

**EROSION BLANKETS - SLOPE INSTALLATION** 4 DT-1



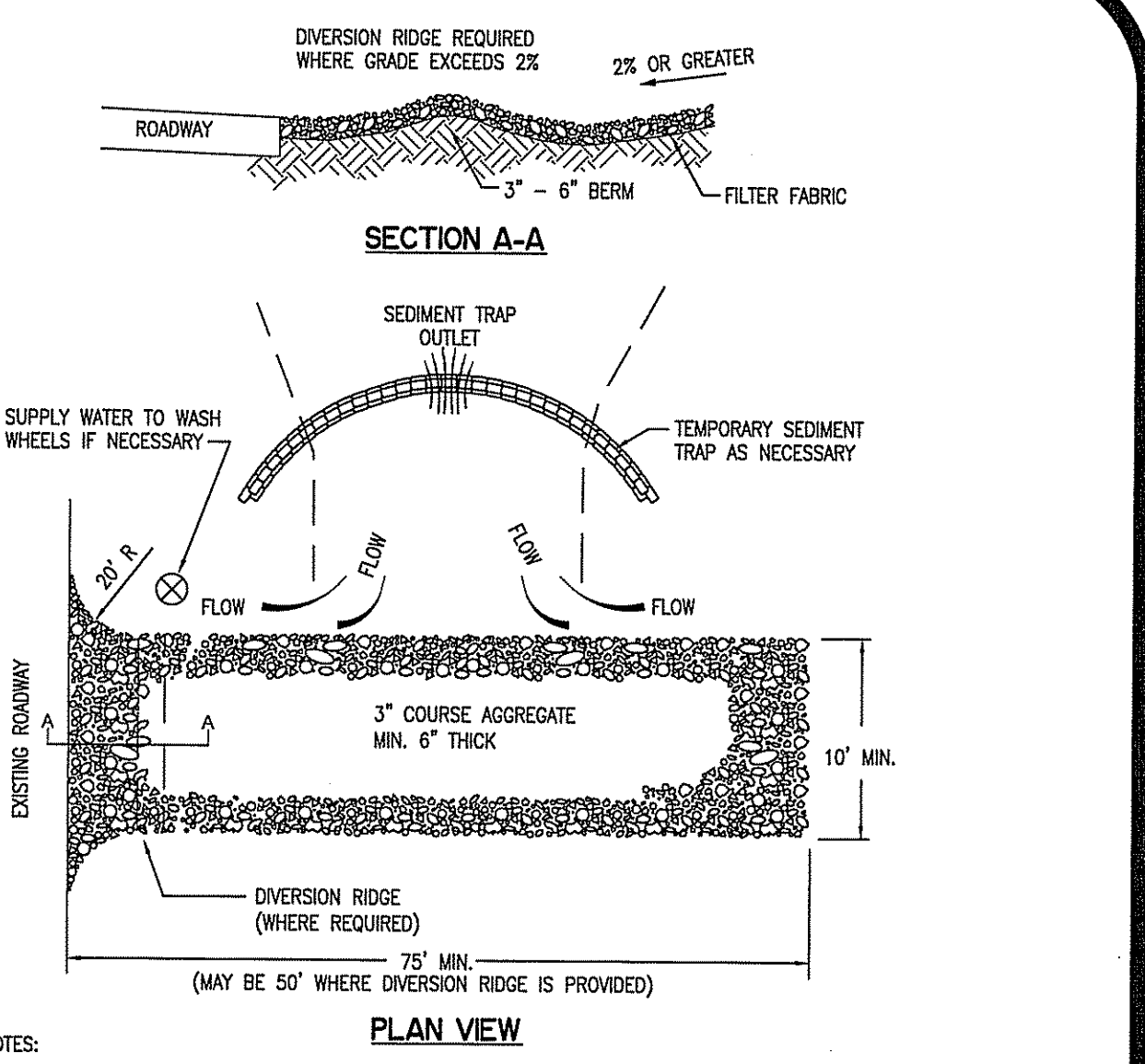
- NOTES:**
- STONE CHECK DAMS SHOULD BE INSTALLED BEFORE RUNOFF IS DIRECTED TO THE SWALE OR DRAINAGE DITCH.
  - THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE CHECK DAM SHOULD BE LESS THAN ONE ACRE.
  - STONE CHECK DAMS SHOULD NOT BE USED IN A FLOWING STREAM.
  - STONE CHECK DAMS SHOULD BE CONSTRUCTED OF WELL-GRADED ANGULAR 2 TO 3 INCH STONE. THE INSTALLATION OF 3/4-INCH STONE ON THE UPGRADIENT FACE IS RECOMMENDED FOR BETTER FILTERING.
  - WHEN INSTALLING STONE CHECK DAMS THE CONTRACTOR SHALL KEY THE STONE INTO THE CHANNEL BANKS AND EXTEND THE STONE BEYOND THE ABUTMENTS A MINIMUM OF 18-INCHES TO PREVENT FLOW AROUND THE DAM.
  - STONE CHECK DAMS SHOULD BE REMOVED ONCE THE SWALE OR DITCH HAS BEEN STABILIZED UNLESS OTHERWISE SPECIFIED.

**STONE CHECK DAM** 5 DT-1



- NOTES:**
- SILT FENCES SHOULD NOT BE USED ACROSS STREAMS, CHANNELS, SWALES, DITCHES OR OTHER DRAINAGE WAYS.
  - SILT FENCE SHOULD BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE AND THE ENDS OF THE SILT FENCE SHOULD BE FLARED UPSLOPE.
  - IF THE SITE CONDITIONS INCLUDE FROZEN GROUND, LEDGE OR THE PRESENCE OF HEAVY ROOTS THE BASE OF THE FABRIC SHOULD BE EMBEDDED WITH A MINIMUM THICKNESS OF 8 INCHES OF 3/4-INCH STONE.
  - SILT FENCES PLACED AT THE TOE OF SLOPES SHOULD BE INSTALLED AT LEAST 6 FEET FROM THE TOE TO ALLOW SPACE FOR SHALLOW PONDING AND ACCESS FOR MAINTENANCE.
  - THE MAXIMUM SLOPE ABOVE THE FENCE SHOULD BE 2:1 AND THE MAXIMUM LENGTH OF SLOPE ABOVE THE FENCE SHOULD BE 100 FEET.
  - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
  - SILT FENCES SHOULD BE REMOVED WHEN THE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED.

**SILT FENCE** 6 DT-1



- NOTES:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
  - THE MINIMUM STONE USED SHOULD BE 3-INCH CRUSHED STONE.
  - THE MINIMUM LENGTH OF THE PAD SHOULD BE 75 FEET, EXCEPT THAT THE MINIMUM LENGTH MAY BE REDUCED TO 50 FEET IF A 3-INCH TO 6-INCH HIGH BERM IS INSTALLED AT THE ENTRANCE OF THE PROJECT SITE.
  - THE PAD SHOULD EXTEND THE FULL WIDTH OF THE CONSTRUCTION ACCESS ROAD OR 10 FEET, WHICHEVER IS GREATER.
  - THE PAD SHOULD SLOPE AWAY FROM THE EXISTING ROADWAY.
  - THE PAD SHOULD BE AT LEAST 6-INCHES THICK.
  - THE GEOTEXTILE FILTER FABRIC SHOULD BE PLACED BETWEEN THE STONE PAD AND THE EARTH SURFACE BELOW THE PAD.
  - THE PAD SHALL BE MAINTAINED OR REPLACED WHEN MUD AND SOIL PARTICLES CLOG THE VOIDS IN THE STONE SUCH THAT MUD AND SOIL PARTICLES ARE TRACKED OFF-SITE.
  - NATURAL DRAINAGE THAT CROSSES THE LOCATION OF THE STONE PAD SHOULD BE INTERCEPTED AND PIPED BENEATH THE PAD, AS NECESSARY, WITH SUITABLE OUTLET PROTECTION.
  - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

**GRAVEL CONSTRUCTION EXIT** 7 DT-1

REV.	DATE	DESCRIPTION	C/O	DR	CK

**EROSION CONTROL DETAILS**  
**TAX MAP 249 LOT 16 (HALL ROAD)**  
**CANTERBURY, NEW HAMPSHIRE**  
 PREPARED FOR:  
**PATRIOT HOLDINGS, LLC**  
 4007 DEAN MARTIN DRIVE LAS VEGAS, NV 89103-4138

SCALE: NOT TO SCALE MAY 24, 2022

Surveying ♦ Engineering ♦ Land Planning ♦ Permitting ♦ Septic Designs

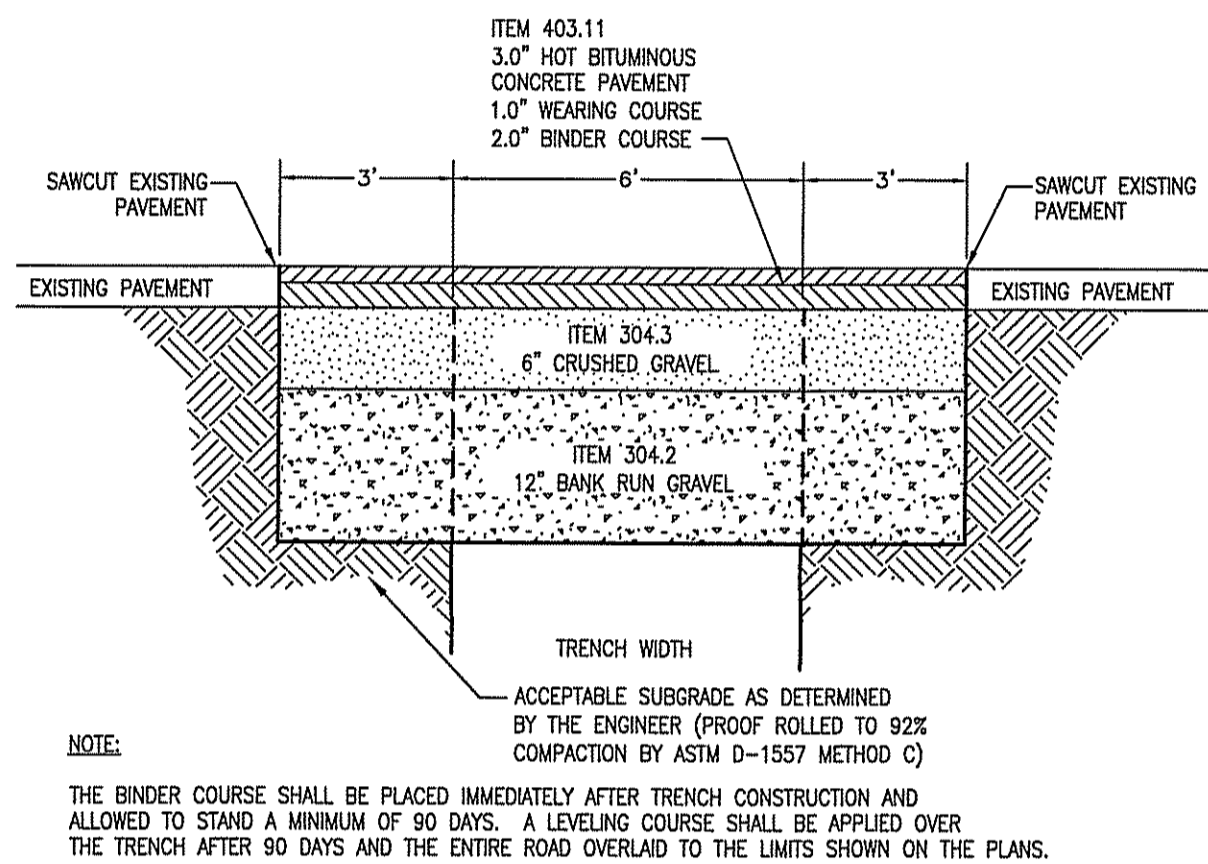
**FIELDSTONE LAND CONSULTANTS, PLLC**

206 Elm Street, Milford, NH 03055  
 Phone: (603) 672-5456 Fax: (603) 413-5456  
 www.FieldstoneLandConsultants.com

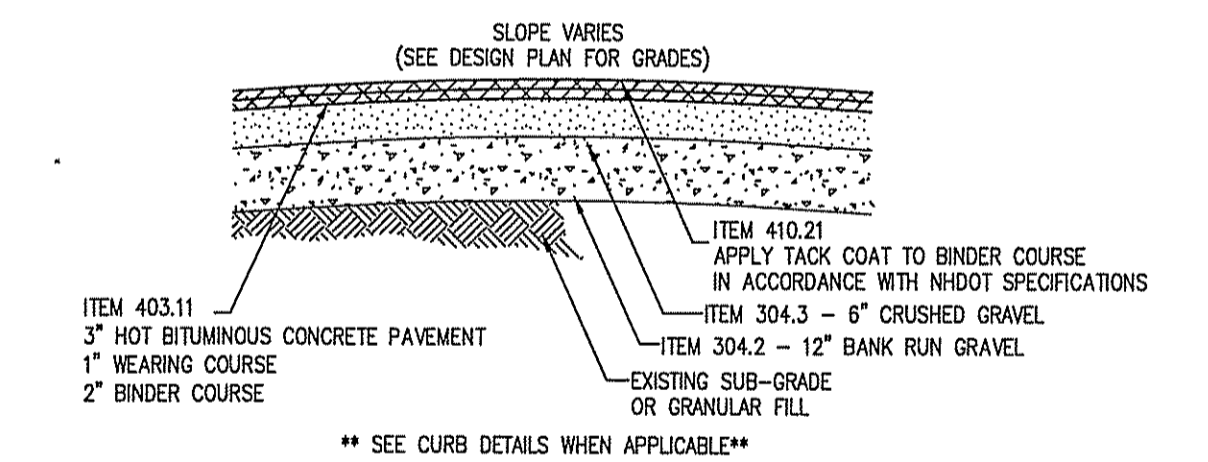
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- ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE REQUIREMENTS AND SPECIFICATIONS OF THE TOWN OF CANTERBURY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS AND SHALL VERIFY THAT ALL THE INFORMATION SHOWN HEREON IS CONSISTENT, COMPLETE, ACCURATE, AND CAN BE CONSTRUCTED PRIOR TO AND/OR DURING CONSTRUCTION. FIELDSTONE LAND CONSULTANTS, PLLC, AS THE DESIGN ENGINEER, SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES, ERRORS, OMISSIONS, OR EXISTING UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION SO THAT REMEDIAL ACTION MAY BE TAKEN BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL CONTACT "DIGSAFE" 72 HOURS PRIOR TO THE START OF CONSTRUCTION (1-800-255-4977 IN NH, 1-888-344-7233 IN MA).
- COMPLIANCE WITH ALL APPLICABLE REGULATIONS AND SPECIAL CONDITIONS OF TOWN/CITY AGENCIES, SUCH AS THE PLANNING BOARD, ZONING BOARD, CONSERVATION COMMISSION, AND OTHERS, IS MANDATORY AND IS THE RESPONSIBILITY OF THE OWNER.
- ANY ALTERATION OF THIS DESIGN OR CHANGE DURING CONSTRUCTION MAY REQUIRE APPROVAL OF VARIOUS TOWN/CITY BOARDS OR AGENCIES AND SHALL BE DISCUSSED WITH THE OWNER AND FIELDSTONE LAND CONSULTANTS, PLLC PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE CITY DEPARTMENTS PRIOR TO CONSTRUCTION TO ARRANGE FOR NECESSARY INSPECTIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCURATE AS-BUILT INFORMATION OF ALL WORK, ESPECIALLY UNDERGROUND CONSTRUCTION OF UTILITY LINES, SERVICES, CONNECTIONS, ETC. AND APPROPRIATE TIES TO ABOVE GROUND PERMANENT STRUCTURES, FIELD SURVEY COORDINATES, OR SOME OTHER METHOD OF ESTABLISHING THE AS-BUILT CONDITION OF ALL CONSTRUCTION.
- THE CONTRACTOR AND OWNER ARE RESPONSIBLE FOR OBSERVING AND MANAGING THE PROJECT PER RSA 430:53 AND AGR 3800 REGARDING INVASIVE SPECIES (PLANTS AND INSECTS). NO INVASIVE SPECIES PLANT OR INSECT SHALL BE INTRODUCED ONTO THE SITE.

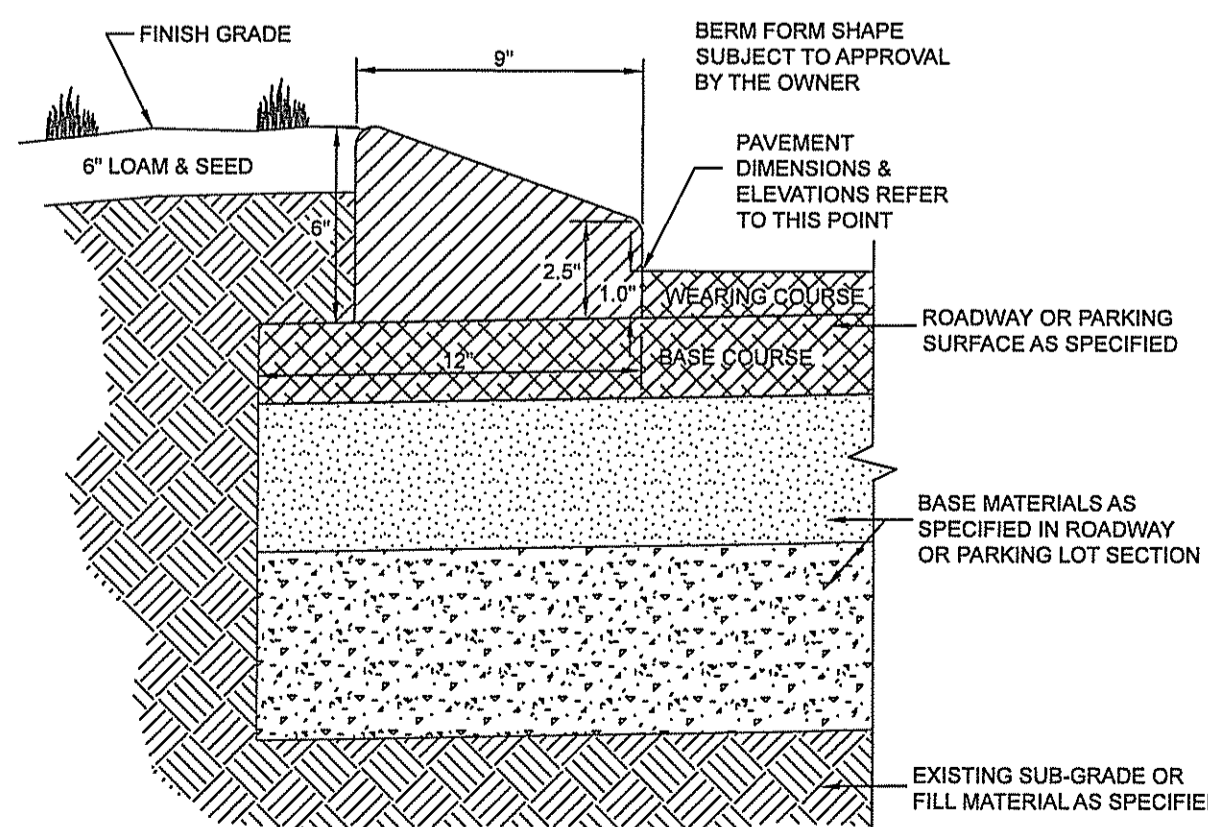
**GENERAL CONSTRUCTION NOTES** 1 DT-2



**PAVEMENT TRENCH PATCH** 2 DT-2



**PAVEMENT SECTION** 3 DT-2



**CURB - ASPHALT (CAPE COD BERM)** 4 DT-2

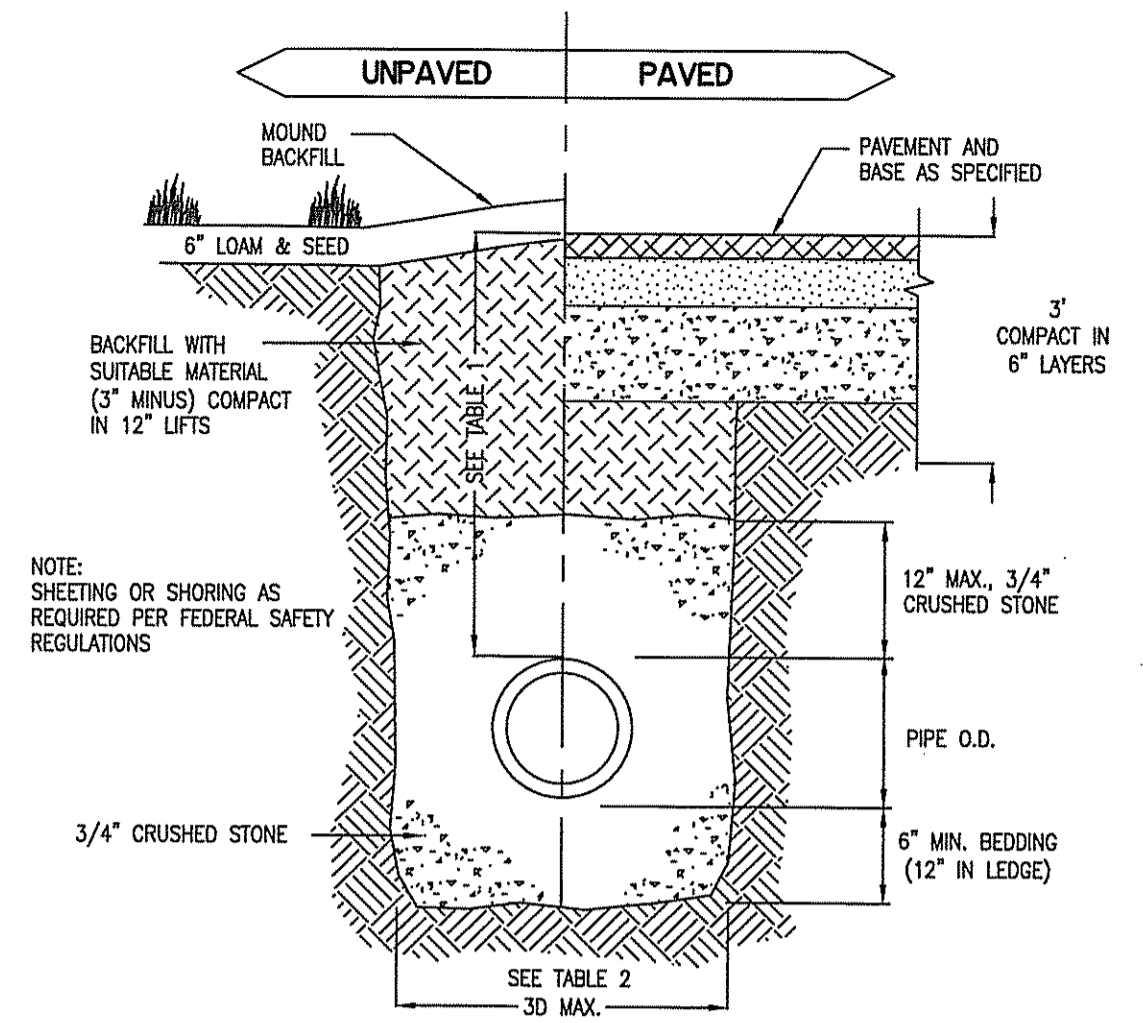
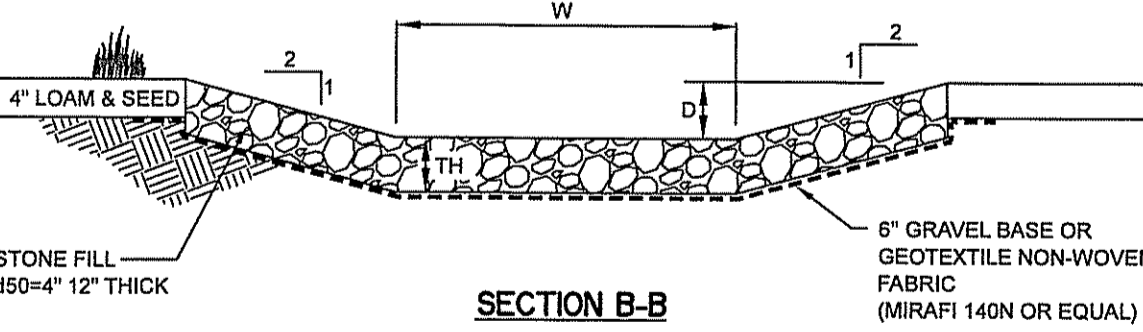
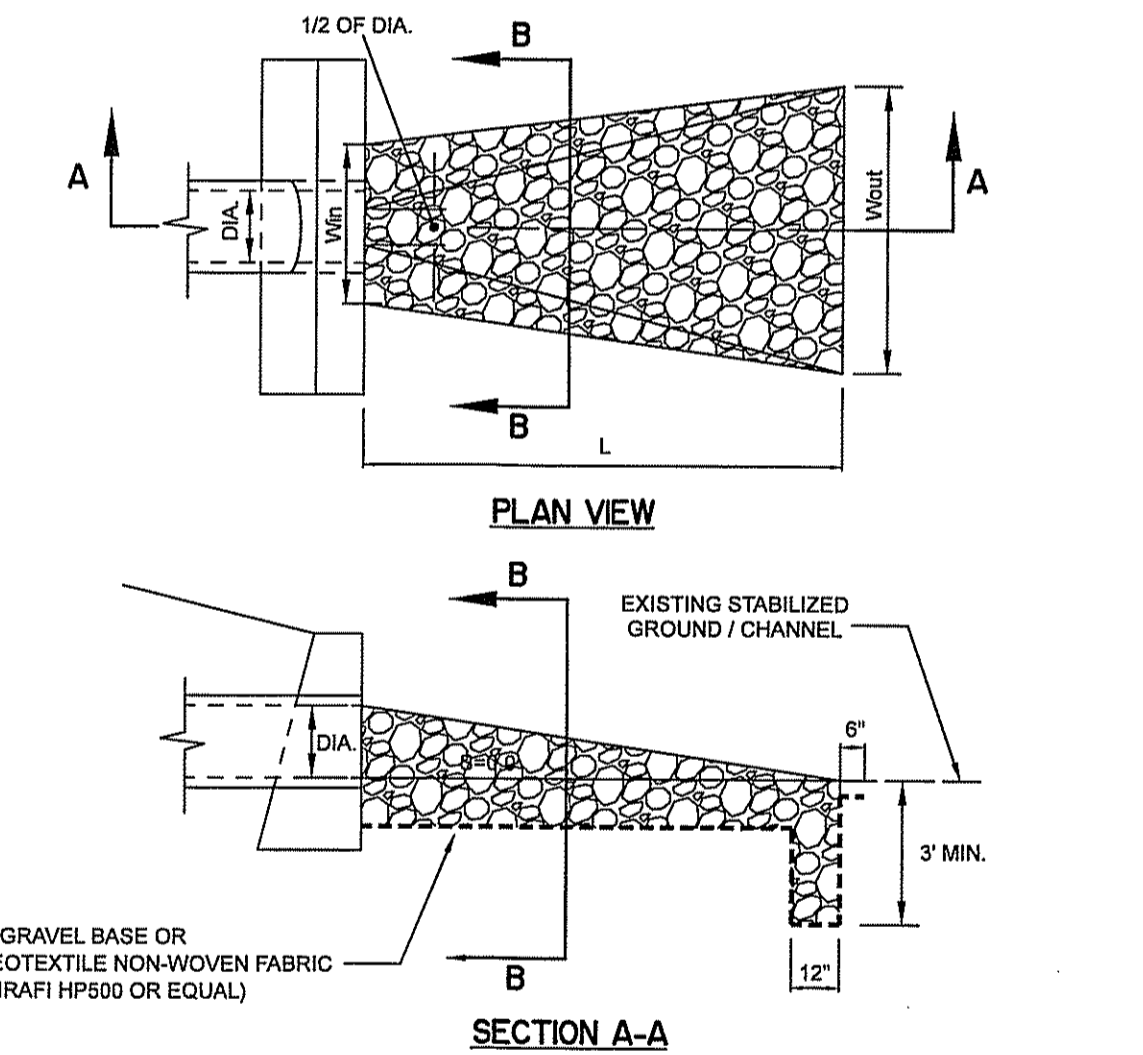
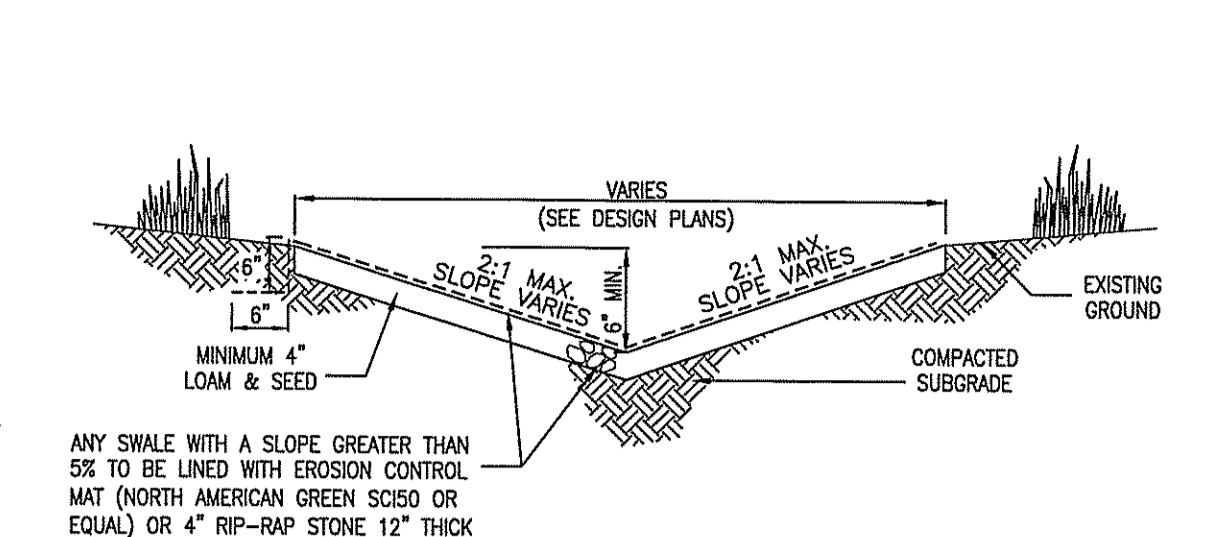


TABLE 1 (RECOMMENDED COVER)			TABLE 2 (RECOMMENDED TRENCH WIDTH)	
LOCATION	PIPE MATERIAL	MINIMUM COVER	INSIDE DIAMETER	TOTAL WIDTH
PAVED ROADS	ALL	3 FT.	12" TO 24"	I.D. + 24"
GRAVEL ROADS	ALL	2 FT.	OVER 24"	2 x I.D.
DRIVEWAYS	ALL	1 FT.		
UNPAVED AREAS	ALL	2 FT.		

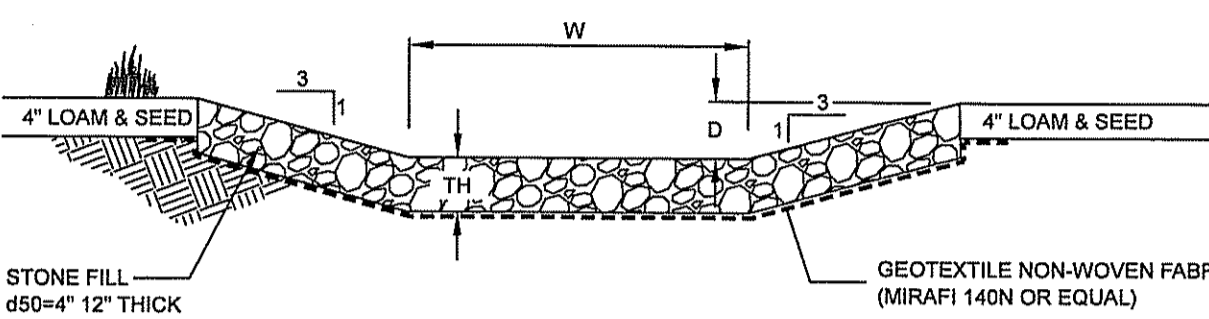
**DRAINAGE TRENCH (TYPICAL)** 7 DT-2



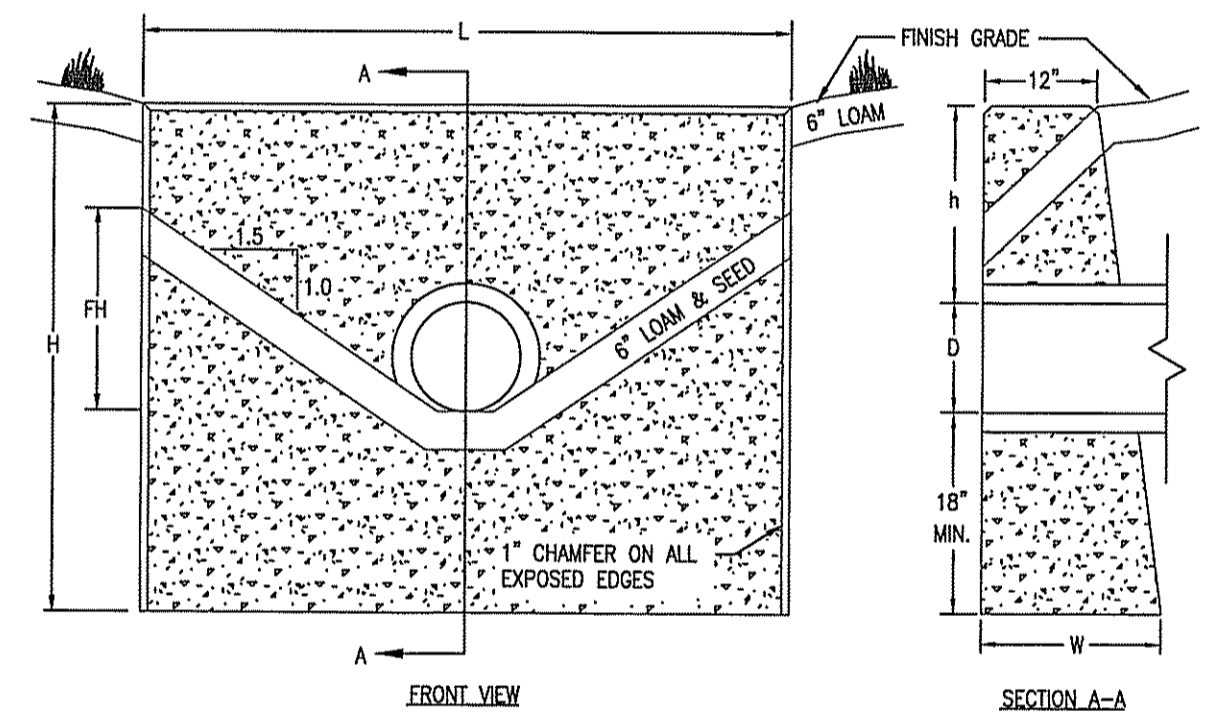
**RIP-RAP OUTLET PROTECTION** 8 DT-2



**TYPICAL SWALE DETAIL** 9 DT-2



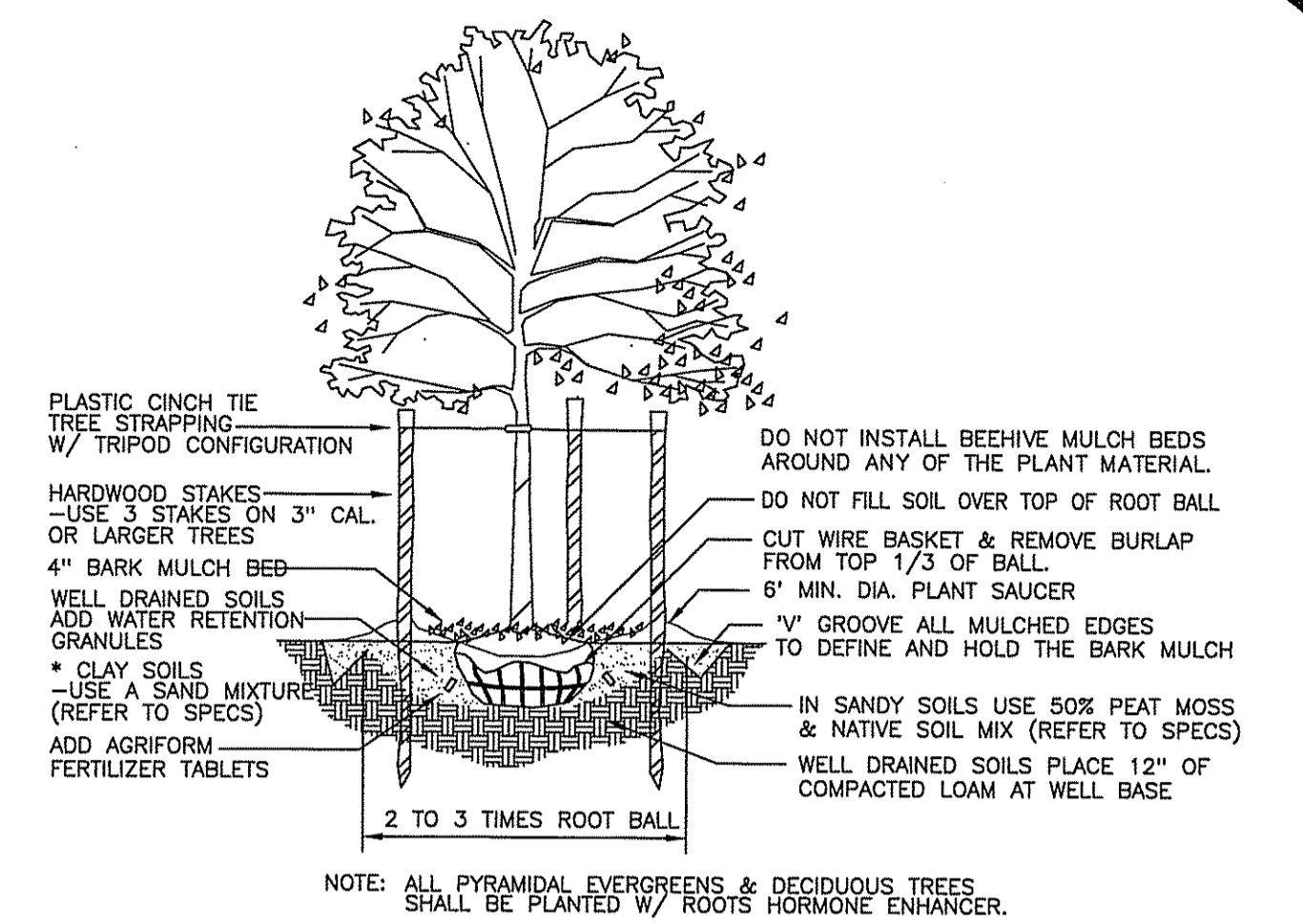
**EMERGENCY SPILLWAY DETAIL** 10 DT-2



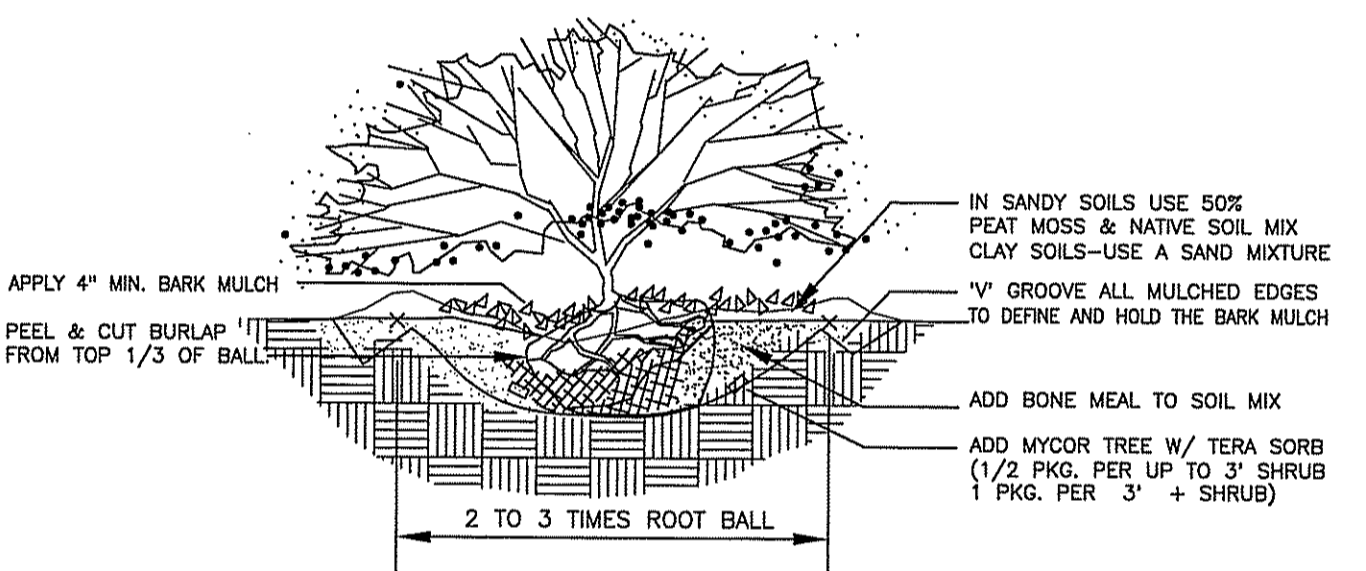
CULVERT DIAM. D	HEADWALL LENGTH L	HEADWALL HEIGHT H	FILL HEIGHT FH	TOP HEIGHT h	HEADWALL BOTTOM WIDTH W
12	4'-3"	3'-9"	1'-11"	1'-3"	1'-11.25"
15	6'-0"	4'-3"	1'-7"	1'-6"	2'-0.75"
18	7'-0"	4'-6"	1'-10"	1'-6"	2'-1.50"
24	9'-0"	5'-0"	2'-4"	1'-6"	2'-3.00"

HEADWALL SHALL BE STEEL REINFORCED AND CONFORM TO NHDOT STANDARD PLAN HW-2, LAST REVISED JUNE 16, 2010.

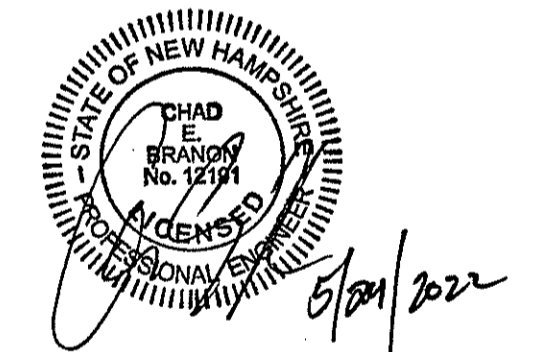
**HEADWALL - PRECAST CONCRETE (HW1)** 11 DT-2



**DECIDUOUS TREE PLANTING DETAIL** 12 DT-2



**B & B SHRUB PLANTING DETAIL** 13 DT-2



CONSTRUCTION DETAILS  
 TAX MAP 249 LOT 16  
 (HALL ROAD)  
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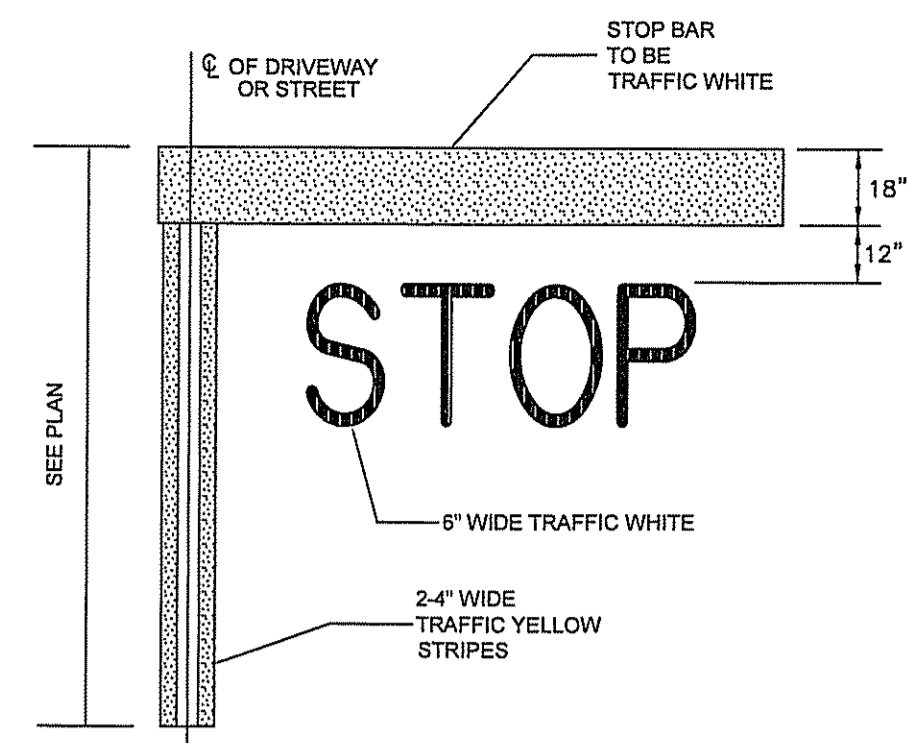
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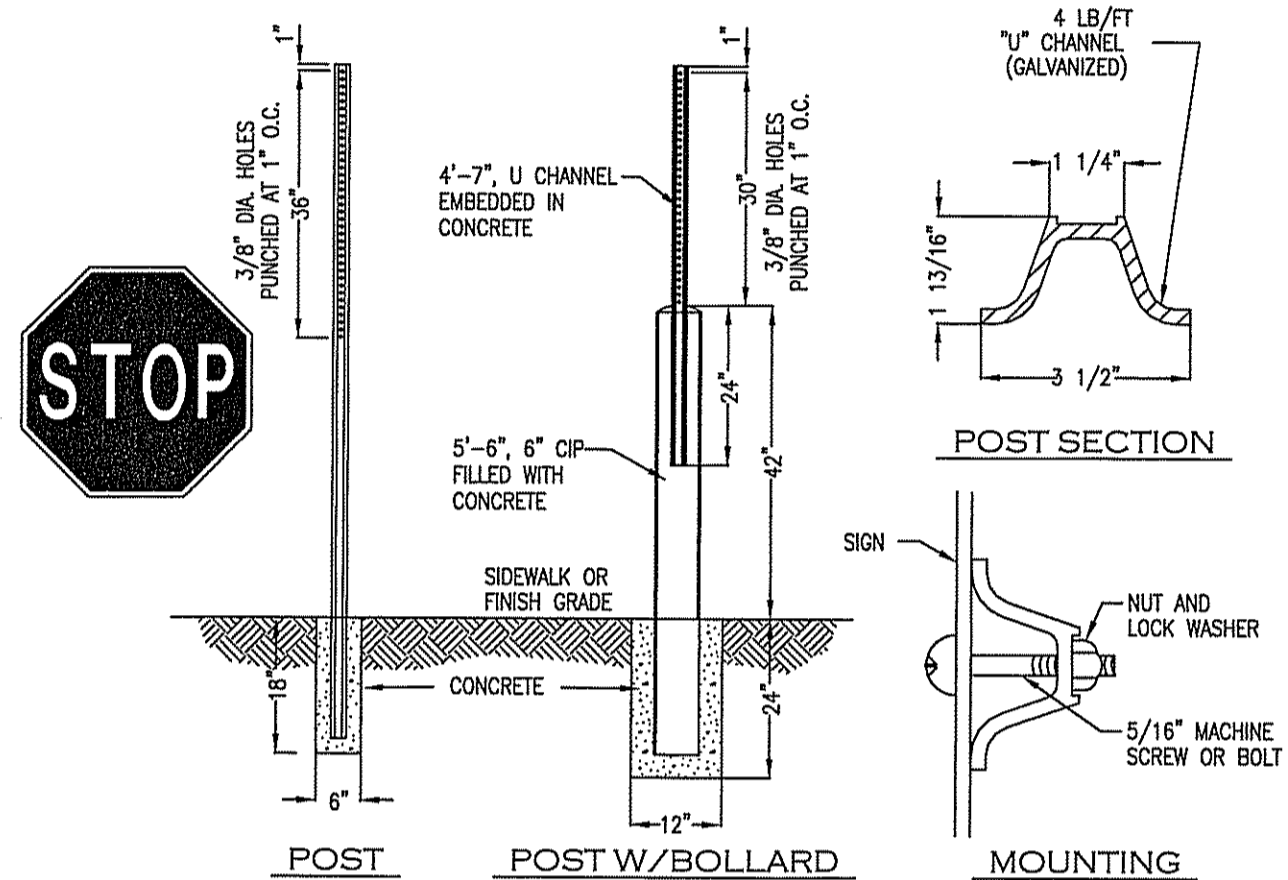
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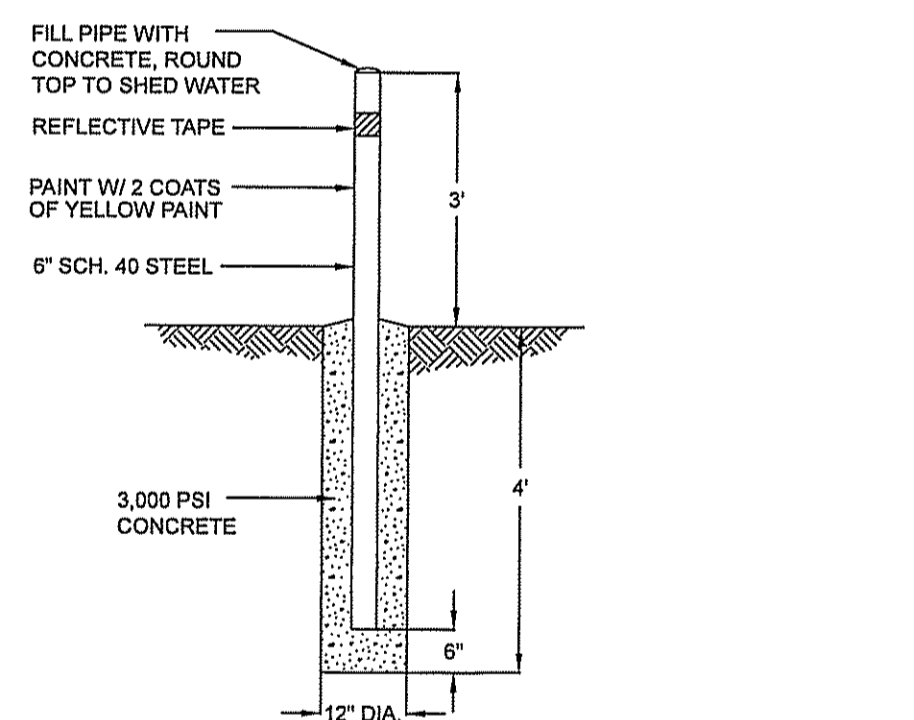




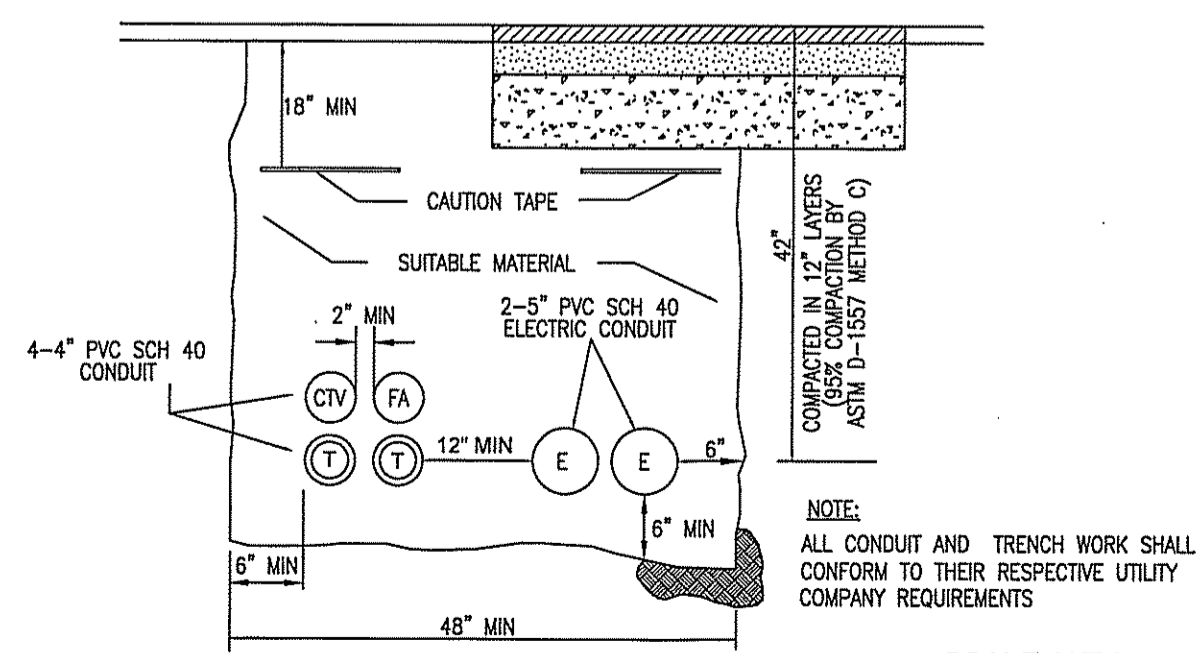
STOP BAR DETAIL 1 DT-3



SIGN POST - STANDARD & W/BOLLARD 2 DT-3

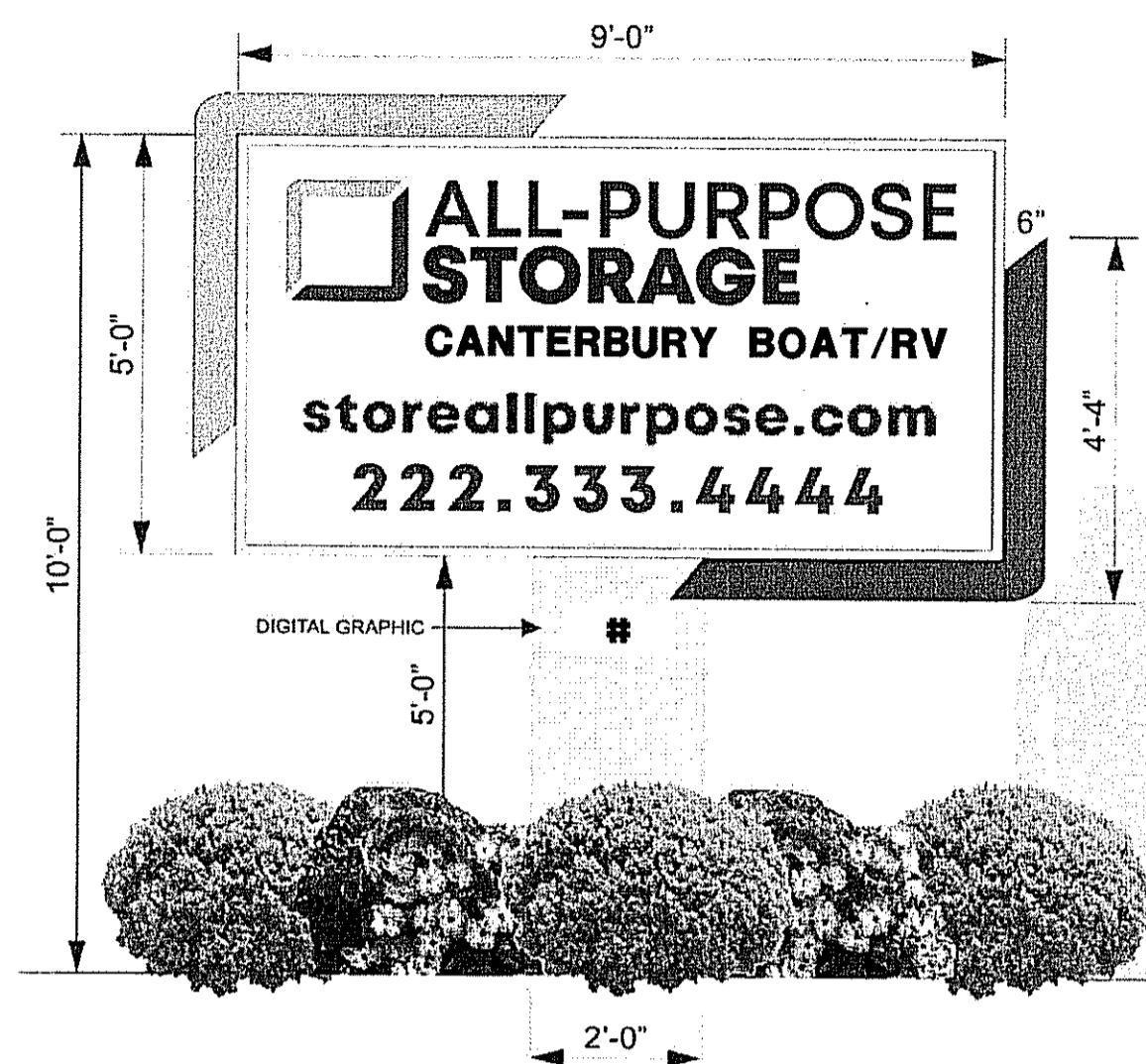


OR APPROVED EQUAL BOLLARD 3 DT-3 SCALE: N.T.S.

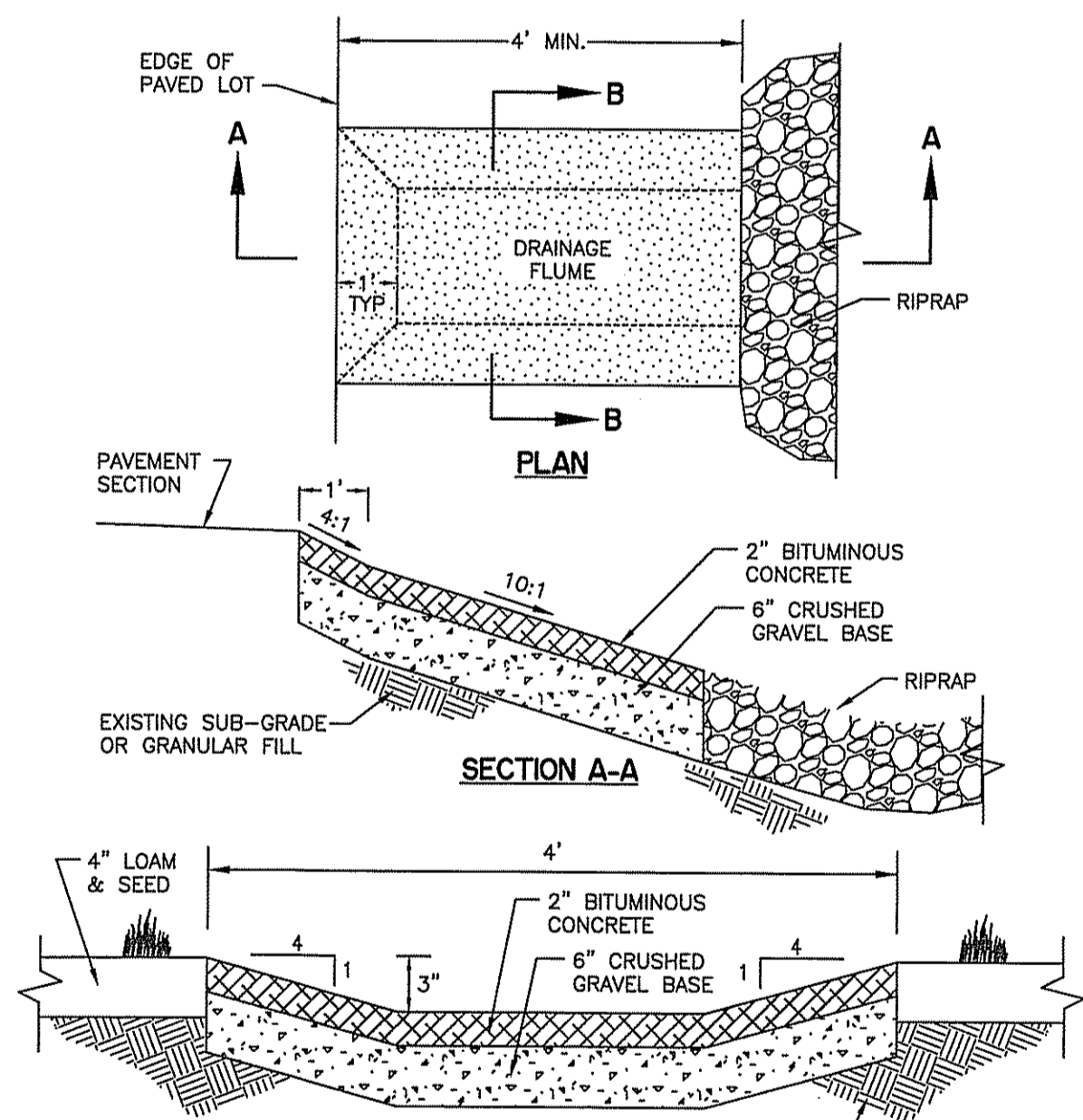


TYPICAL UTILITY TRENCH 4 DT-3 SCALE: N.T.S.

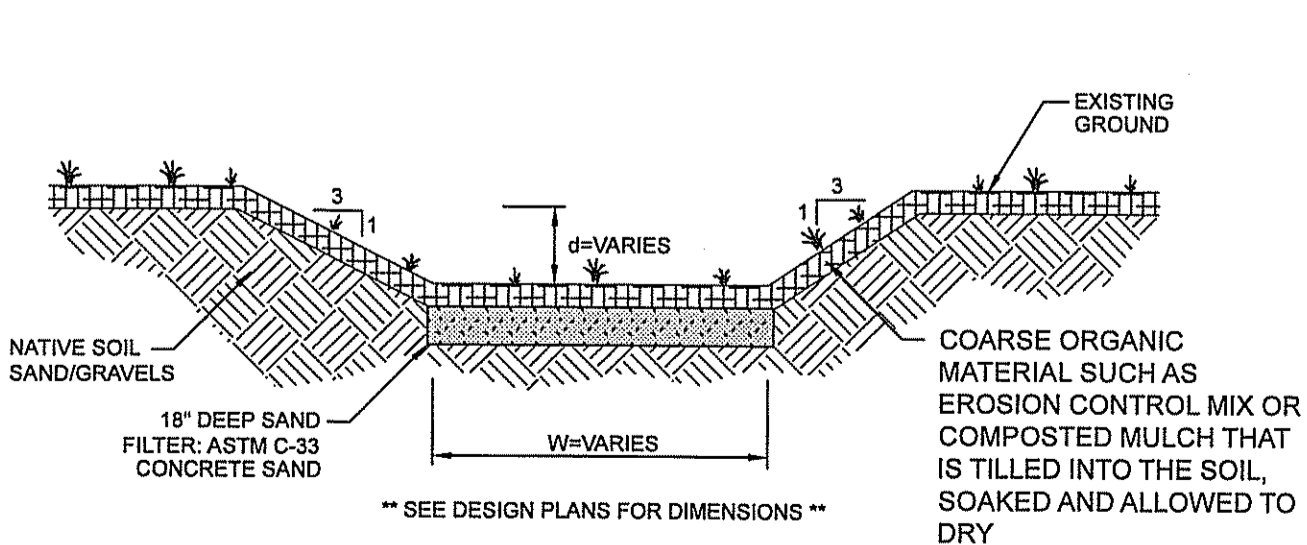
Proposed:  
 D/F: Internally Illuminated Monument Sign  
 w/Flat Faces w/Digitally Printed Graphics  
 Cabinet Painted White  
 Accent Channel Letters to be Internally Illuminated  
 w/Vinyl Graphics & White Trim Cap & Returns



\*SIGN SHALL SAY "ALL-PURPOSE STORAGE CANTERBURY BOATS/RV" SCALE: N.T.S. FREESTANDING SIGN DETAIL 5 DT-3



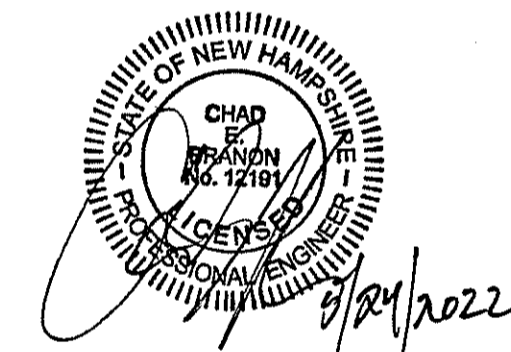
PAVED DRAINAGE FLUME 6 DT-3 SCALE: N.T.S.



INFILTRATION BASIN SECTION: IB1 & IB2 7 DT-3

INFILTRATION BASIN CONSTRUCTION NOTES

1. REMOVE ALL ORGANIC MATERIAL FROM AREA BELOW PROPOSED INFILTRATION BASINS AND TO EXPOSE UNDERLYING SOILS.
2. CARE SHALL BE TAKEN TO PROTECT THE UNDERLYING SOILS FROM CONSTRUCTION TRAFFIC AND THE DISCHARGE OF SEDIMENT LADEN RUNOFF.
3. DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION SYSTEM.
4. ONCE EXCAVATED AND PRIOR TO FILLING, THE UNDERLYING SOILS SHALL BE DEEPLY TILLED WITH A ROTARY TILLER OR DISC HARROW TO RESTORE INFILTRATION RATES, FOLLOWED BY A PASS WITH LEVELING DRAG.
5. THE BASIN FLOOR OF INFILTRATION BASINS IB1 & IB2 SHALL BE PREPARED USING ONE OF THE FOLLOWING METHODS:
  - 6" LAYER OF COURSE SAND OR 3/8" PEA GRAVEL;
  - GRASS TURF WITH A HIGH INFILTRATION RATE (HIGH SAND CONTENT) THAT CAN BE INUNDATED FOR OVER 72 HOURS;
  - COARSE ORGANIC MATERIAL SUCH AS AN EROSION CONTROL MIX OR COMPOSTED MULCH THAT IS TILLED INTO THE SOIL, SOAKED, AND ALLOWED TO DRY.
6. DO NOT PLACE INFILTRATION BASINS/TRENCHES INTO SERVICE UNTIL ALL CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.



REV.	DATE	DESCRIPTION	C/O	DR	CK
-	-	-	-	-	-

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