

# PROPOSED MINOR SITE PLAN

# **FOR** MILLO'S PIZZA

TAX MAP 238, LOT 7 575 FRANKLIN PIERCE HIGHWAY BARRINGTON, NEW HAMPSHIRE MARCH 2, 2017

OWNER OF RECORD/PREPARED FOR: GEORGE TSOUKALAS P.O. BOX 684

BARRINGTON, NH 03825

CIVIL ENGINEER:

CIVILWORKS NEW ENGLAND

181 Watson Road, P.O. Box 1166 Dover, New Hampshire 03820 (603) 742-1954

SURVEYOR:

LAND SURVEYING SERVICES P.O. BOX 1622 **DOVER, NH 03821** TEL: (603) 664-5786

LAND USE OFFICE

**INDEX** SHEET NO. Cover Sheet Abutter Tax Map & Abutter List Existing Conditions Plan Demolition Plan Site Plan Grading, Drainage & Erosion Control Plan Utility Plan Erosion Control Notes Erosion Control & Lighting Details Details

GENERAL NOTES:

1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE PROPOSED MINOR ALTERATION TO THE EXISTING RESTRAURANT FACILITY FOOTPRINT AND SITE MODIFICATIONS EXPANSION OF THE EXISTING BUILDING, EXPANSION OF PARKING AREA AND ADDITIONAL SITE LIGHTING.

2. THIS MINOR ALTERATION AND ASSOCIATED SITE MODIFICATIONS ARE PREDICATED ON THE INSTALLATION AND IMPLEMENTATION OF A COMMUNITY WELL ON MAP 238, LOT 16.21 AND DISCONTINUANCE OF THE EXISTING ON—SITE WELL.

3. THE SUBJECT PARCEL IS SHOWN AS LOT 7 ON TOWN OF BARRINGTON TAX MAP 238 AND CONTAINS 2.26 ACRES.

CONTAINS 2.26 ACRES.

4. THE SUBJECT PARCEL IS SHOWN AS EDIT / ON TOWN OF BRRINKINGTON TAX MARE 238 AND CONTAINS 2.26 ACRES.

4. THE SUBJECT PARCEL IS LOCATED IN THE TOWN CENTER (TC) ZONING DISTRICT.

5. THE REFERENCE FOR THE SUBJECT PARCEL IS BOOK 3460, PAGES 0411—0412 AND BOOK 4431, PAGES 0975—0981, AT THE STRAFFORD COUNTY REGISTRY OF DEEDS.

6. THE SUBJECT PARCEL DOES NOT FALL WITHIN THE 100—YR. FLOOD PLAIN PER FEMA COMMUNITY MAP 33017C0305E, DATED 9—30—2015.

7. THE SUBJECT SITE AND USE ARE SERVED BY SEPTIC SYSTEM AND PROPOSED USE FROM WELL ON ABUTTING LOT. THE EXISTING SEPTIC SYSTEM WAS APPROVED BY NHDES UNDER CONSTRUCTION APPROVAL NUMBER CA2007089918, DATED 9—18—07.

8. PER ZBA CASE NO. 238—7—TC/SDOA—17—ZBA, A VARIANCE REQUEST FROM ARTICLE 4, SECTION 4.1.1 MINIMUM STANDARDS TABLE 2, TO ALLOW 38.8' WHERE 50' FRONT SETBACK IS REQUIRED, WAS GRANTED FOR THE SITE.

9. THE TOTAL LAND AREA DISTURBED BY THIS PROPOSAL IS 15,900 S.F.

10. THERE ARE NO PLANNING BOARD WAIVERS REQUESTED FOR THIS PROJUECT.

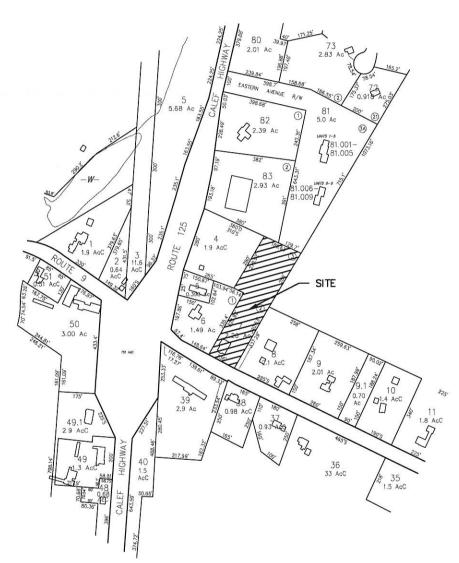
11. CONSTRUCTION OF THIS PROPOSAL IS ANTICIPATED TO TAKE PLACE APRIL, 2017 TO NOVEMBER, 2017.

12. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.

13. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.

14. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

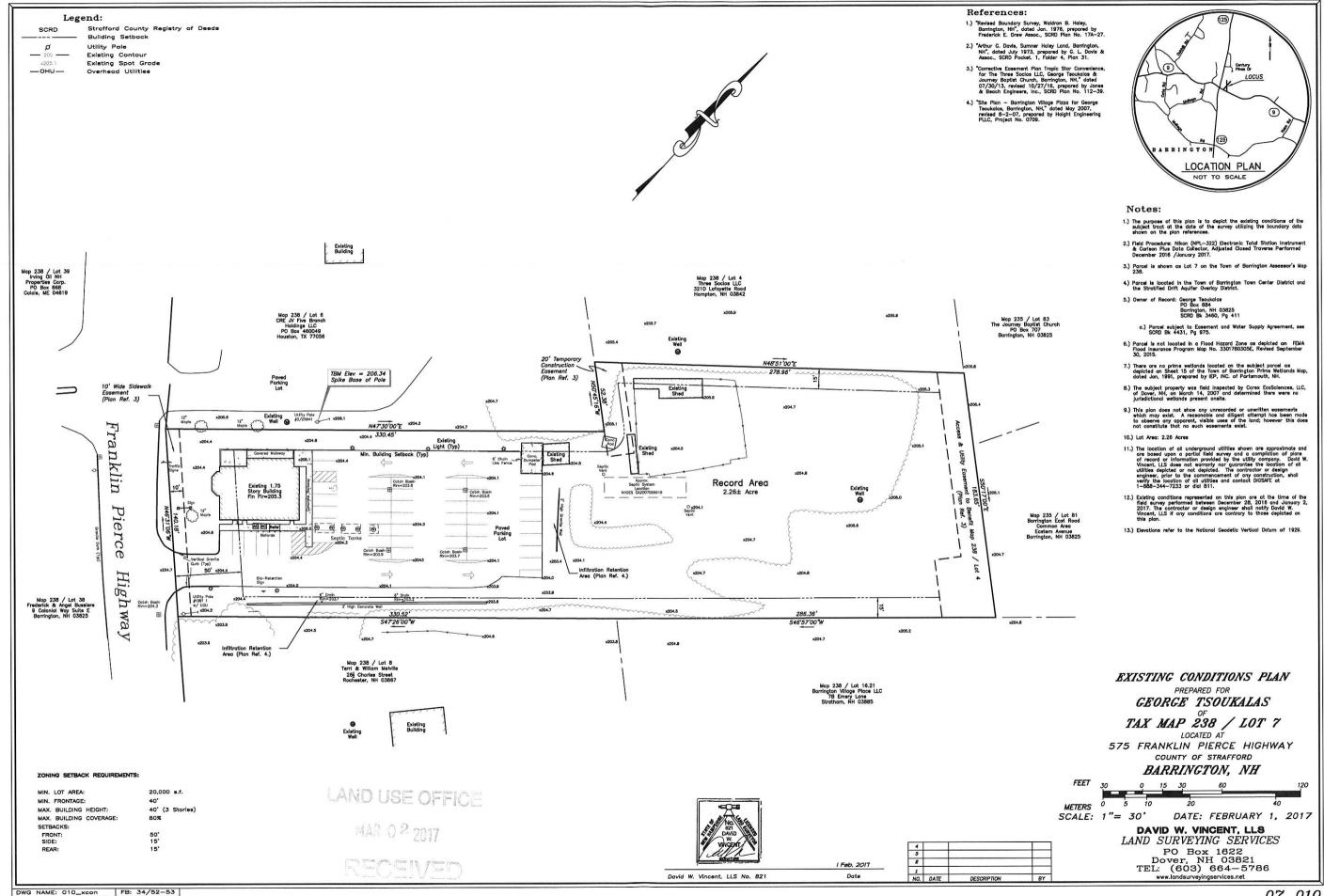
PLANNING	BOARD	APPROVAL	BLOCK

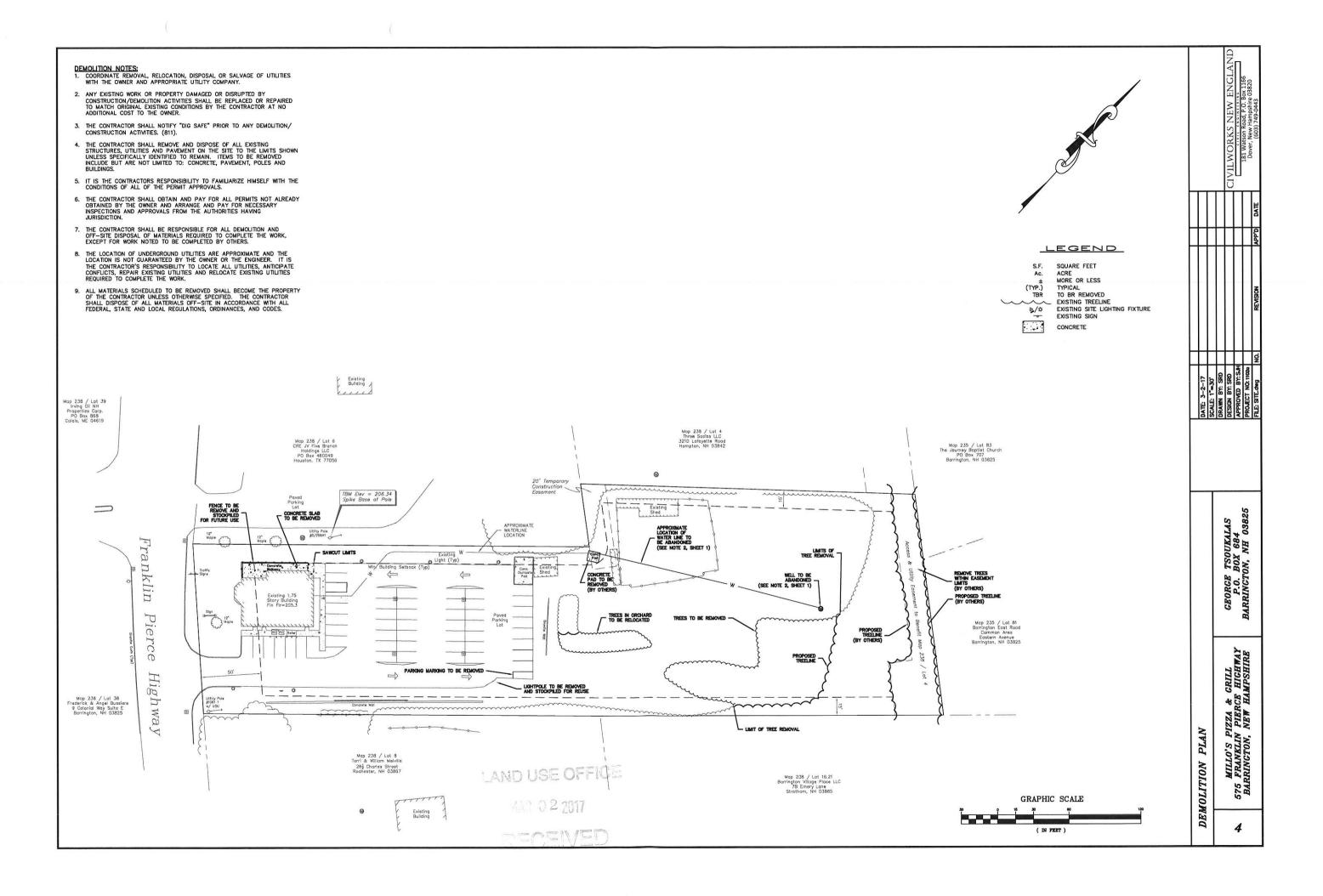


TAX MAP SKETCH
SCALE: 1"=200'±

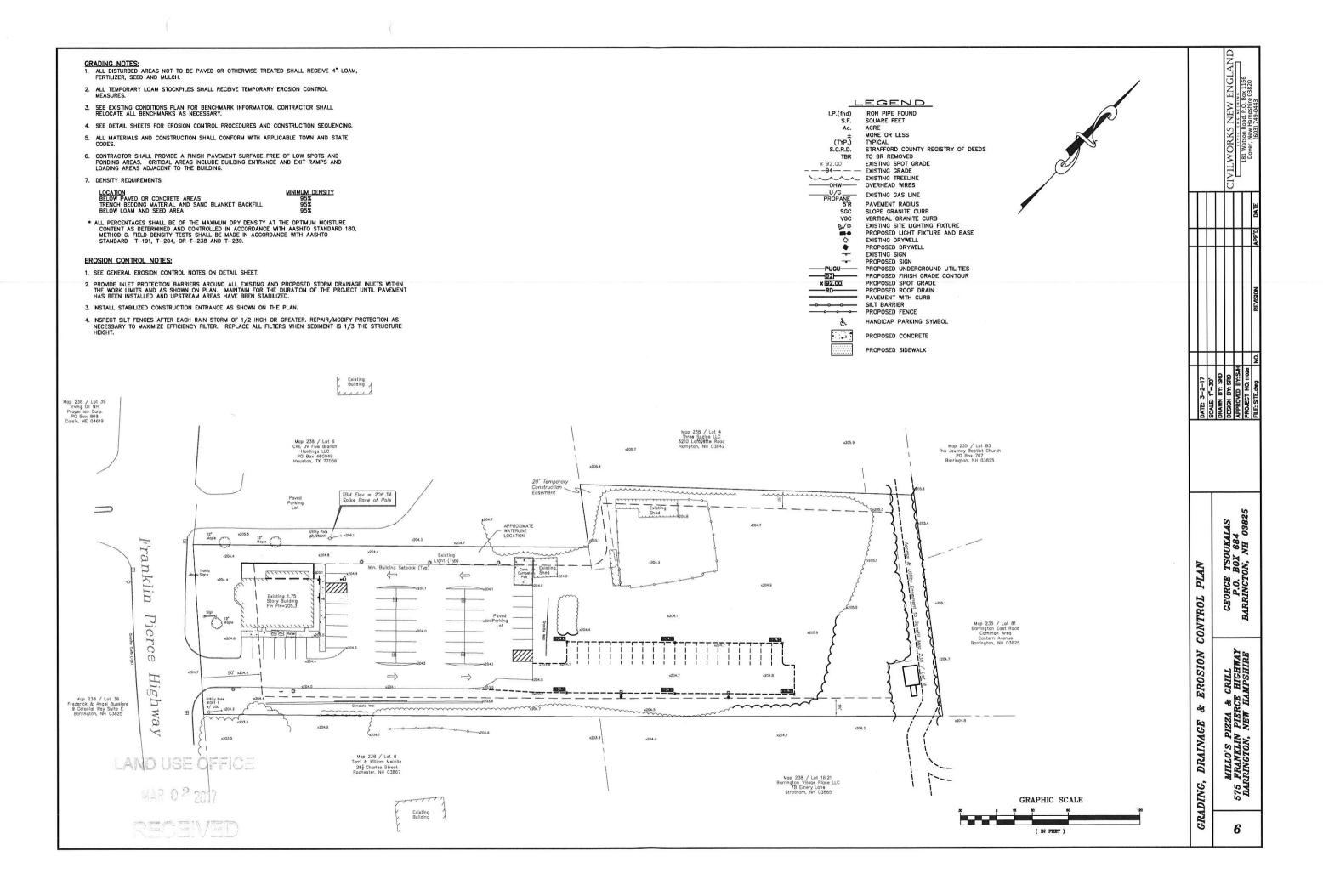
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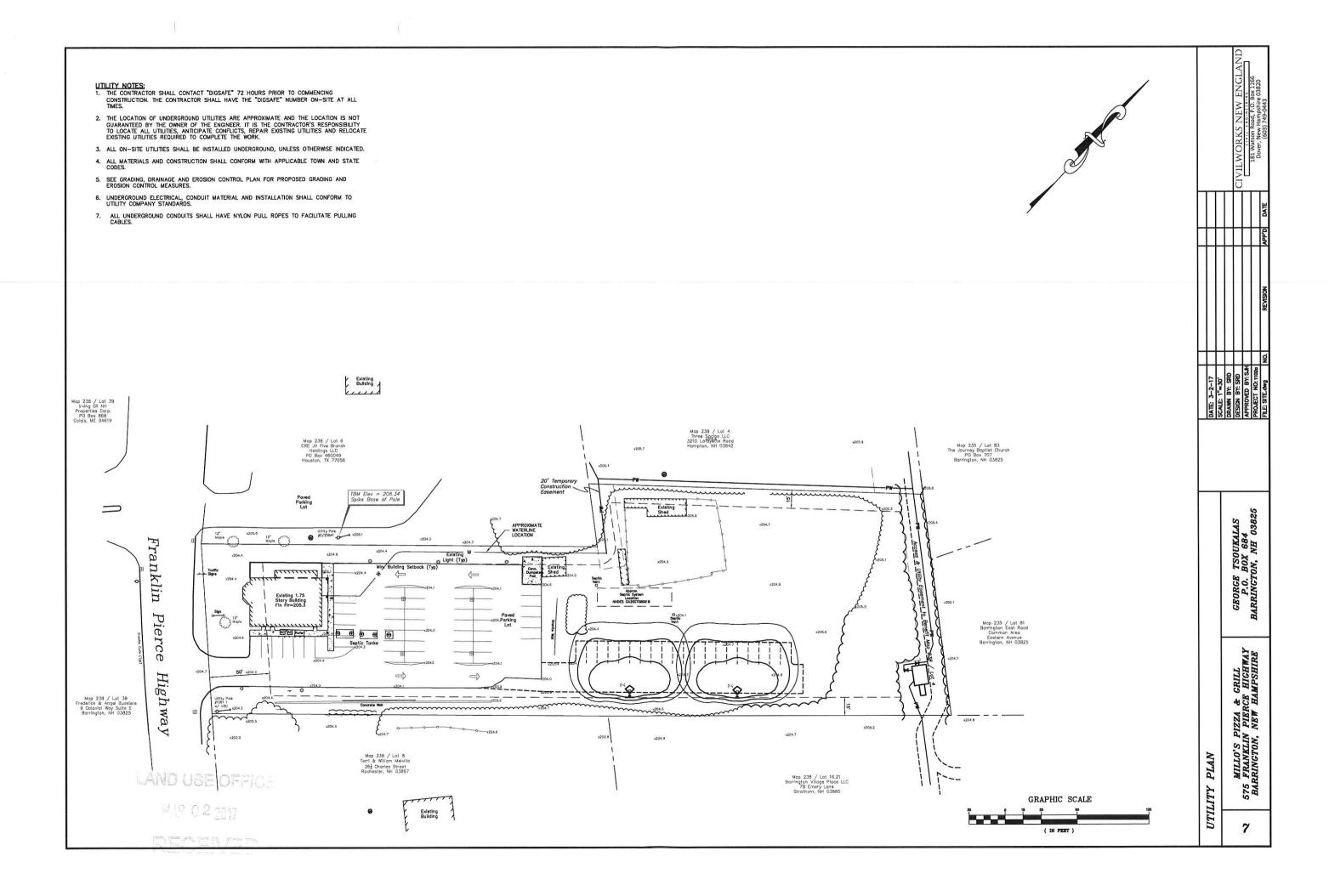
					VILWORKS I	181 Watson Roa	DOVET, INEW 114
Map-Lot-Unit	Owner Name & Address	<u></u>	_	j	<u> </u>	_	_
238-0007	George Tsoukalas P.O. Box 684 Barrington, NH 03825						DATE
235-0081-0001	William C. Galloway 33 Eastern Avenue, Unit 1 Barrington, NH 03825			1	‡	t	APP'D
235-0081-0002	Anne H. Melvin 33 Eastern Avenue, Unit 2 Barrington, NH 03825						
235-0081-0003	Paul H. Ouellette 33 Eastern Avenue, Unit 3 Barrington, NH 03825				Ì		REVISION
235-0081-0004	James M. & Karen C. O'Day 33 Eastern Avenue, Unit 4 Barrington, NH 03825						
235-0081-0005	Julie & Michael Anderson 2 Cassily Lane Dover, NH 03820	Н	$\frac{1}{2}$	_	+	+	Q.
235-0081-0006	Matthew Thomas Hurst 35 Eastern Avenue, Unit 1 Barrington, NH 03825	7-2-17	AS SHOW	BY: SRD	ED BY: SJF	NO:1	
235-0081-0007	Nina Locwin 35 Eastern Avenue, Unit 2 Barrington, NH 03825	DATE:	1.23	DRAWN	APPROVED	PROJEC	FIE STE
235-0081-0008	Cynthia Nelson 35 Eastern Avenue, Unit 3 Barrington, NH 03825						
235-0081-0009	Jennifer J. Corbin P.O. Box 3 Stratham, NH 03885						
235-0083	The Journey Baptist Church P.O. 707 Barrington, NH 03825		T			2	_
238-0004	Three Socios, LLC 321D Lafayette Road Hampton, NH 03842			SATAS	84	1 03825	
238-0006	CRE JV Five Branch Holdings LLC C/O Ryan P.O. Box 460049 Houston, TX 77056			F TSOITEAL	-	TON, NH	
238-0008	William & Terri Melville 26 1/2 Charles Street Rochester, NH 03867			CEODER	P.0	BARRINGTON	
238-0016-0021	Barrington Village Place LLC 7B Emery Lane Stratham, NH 03885					B	
238-0038	Frederick Bussiere 9 Colonial Way STE E Barrington, NH 03825				HIGHWAY	IIRE	
238-0039	Irving Oil Properties NH Corp. ATTN: Corp Real Estate P.O. Box 868 Calais, ME 04619	TSIT	- 1	A CDITT	CE	HAL	
Engineer:	Civilworks New England P.O. Box 1166, 181 Watson Road Dover, NH 03821	ABUTTER		01074	N PIER	_	
Surveyor:	Land Surveying Services P.O. Box 1622 Dover, NH 03821	MAP & ABU		0,011111		A.	
		TAX					_





#### SITE NOTES: 1. PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM REFERENCE PLAN PERFORMED BY FREDRICK E. DREW ASSOCIATES. (SEE EXISTING CONDITIONS SURVEY PLAN THIS PLAN SET) GENERAL NOTES: 1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE PROPOSED MINOR MODIFICATIONS EXPANSION OF THE EXISTING BUILDING, EXPANSION OF PARKING AREA AND ADDITIONAL SITE LIGHTING. REFERENCE PLANS 1. "EXISTING CONDITIONS PLAN" PREPARED FOR GEORGE TSOUKALAS OF SITE NOTES CONT.: 17. SEE DETAILS FOR SIGN LEGENDS. 18. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE CONSTRUCTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE FACILITIES AND THEIR COMPONENTS DURING DEMOLITION AND CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE OWNERS REPRESENTATIVE. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIE—DOWNS. SUCH MATERIALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AT THE COMPLETION OF THE PROJECT. TAX MAP 23B / LOT 7, LOCATED AT 575 FRNAKLIN PIERCE HIGHWAY COUNTY OF STRAFFORD, BARRINGTIN, NH.; PREPARED BY: DAVID W. VINCENT, LLS, LAND SURVEYING SERVICES, P.O. BOX 1622 DOVER, NH; THIS MINOR ALTERATION AND ASSOCIATED SITE MODIFICATIONS ARE PREDICATED ON THE INSTALLATION AND IMPLEMENTATION OF A COMMUNITY WELL ON MAP 238, LOT 16.21 AND DISCONTINUANCE OF THE EXISTING ON-SITE WELL. AS-BUILT PLANS OF THE SITE SHALL BE SUBMITTED ON A REPRODUCIBLE MYLAR MEDIUM AND IN A DIGITAL DXF FORMAT ON DISK TO THE TOWN OF BARRINGTON G.I.S. OFFICE UPON COMPLETION OF PROJECT. AS-BUILT PLANS SHALL BE PREPARED AND CERTIFIED CORRECT BY A LL.S. OR P.E. SCALE: 1"=30'; DATE: JANUARY 24, 2017. LAND USE DATA & PARKING CALCULATIONS EXISTING 103,891 S.F. PROPOSED 103,891 S.F. STANDARD 20,000 S.F. THE SUBJECT PARCEL IS SHOWN AS LOT 7 ON TOWN OF BARRINGTON TAX MAP 238 AND CONTAINS 2.26 ACRES. LOT AREA EXTERIOR LIGHTING SHALL BE CUT-OFF TYPE FIXTURES AND SHALL PROVIDE LIGHTING DIRECTED ON-SITE ONLY. CANOPY LIGHTS SHALL BE RECESSED. BUILDING FOOTPRINT: IMPERVIOUS SURFACES: TOTAL LOT COVERAGE: GREEN SPACE AREA: 2,706 S.F. 25,805 S.F. 26% 74% 3,426 S.F. 35,166 S.F. 36% 64% FLUSH WITH THE BOTTOM SURFACE ( CEILING) OF THE CANOPY OR SHIELDED PER SECTION 4.12.1 (7)(d) OF THE SITE REVIEW REGULATIONS. 19 METHODS OF DEMOLITION CONSTRUCTION AND ERECTION ARE THE 4. THE SUBJECT PARCEL IS LOCATED IN THE TOWN CENTER (TC) ZONING DISTRICT. METHOUS OF DEMOLITION, CONSTRUCTION AND ERECTION ARE THE CONTRACTOR'S RESPONSIBILITY UNLESS OTHERWISE SPECIFIED. IT IS THE CONTROLS AS REQUIRED BY FEDERAL, STATE AND MUNICIPAL REGULATIONS AND PERMITS. ENVIRONMENTAL CONTROLS SHALL INCLUDE BUT SHALL NOT BE LIMITED TO DUST CONTROL AND SILT BARRIERS. 5. TITLE REFERENCE FOR THE SUBJECT PARCEL IS BOOK 3460, PAGES 0411-041275 AND BOOK 4431, PAGES 0975-0981 AT THE STRAFFORD COUNTY REGISTRY OF DEEDS. 4. NO SECURITY SYSTEM SHALL BE INSTALLED. DEMENSIONAL STANDARDS EXISTING 278.49 STANDARD PROPOSED 5. NO NEW ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND. . THE SUBJECT PARCEL DOES NOT FALL WITHIN THE 100-YR. FLOOD PLAIN PER FEMA COMMUNITY MAP 33017C0305E, DATED 9/30/2015. LOT FRONTAGE: YARD SETBACKS: 278.49 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO STRUCTURES OR UTILITIES OR INJURIES TO THE PUBLIC DURING THE CONSTRUCTION PHASE CAUSED BY HIMSELF, HIS EMPLOYEES, HIS SUBCONTRACTORS OR EMPLOYEES OF SAME. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TEMPORARY FACILITIES FOR THE PROTECTION OF THE WORK, WORKERS AND PUBLIC SAFETY. THE SUBJECT PARCEL IS SERVED BY OFF-SITE WELL AND ON-SITE SEPTIC SYSTEM. 31.60 50 15 15 FRONT THE SUBJECT SITE AND USE ARE SERVED BY SEPTIC SYSTEM AND PROPOSED USE FROM WELL ON AN ABUTTING LOT. THE EXISTING SEPTIC SYSTEM WAS APPROVED BY NHOES UNDER CONSTRUCTION APPROVAL NUMBER CA2007089918, DATED 15'/72.2' 510.7' SIDE REAR 21.5'./72.2' 510.7' ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO APPLICABLE TOWN AND STATE CODES. BUILDING HEIGHT GROSS FLOOR AREA 2.706 S.F. 3.426 S.F. N/A BACKFLOW PREVENTORS SHALL BE PROVIDED FOR BOTH FIRE AND DOMESTIC WATER LINES. 21. ALL LAYOUT SHALL BE PERFORMED BY A NEW HAMPSHIRE LICENSED LAND SURVEYOR UNDER CONTRACT WITH THE CONTRACTOR. PER ZBA CASE NO. 238-7-TC/SDOA-17-ZBA, A VARIANCE REQUEST FROM ARTICLE 4, SECTION 4.1.1 MINIMUM STANDARDS TABLE 2, TO ALLOW 38.8' WHERE 50' FRONT SETBACK IS REQUIRED, WAS GRANTED FOR THE SITE. PARKING CALCULATIONS (PER SECTION 4.9.13 OF SITE REVIEW REOS.) TABLE 6, SHT. 2 OF 2 RESTAURANT: 1 SPACE PER 100 S.F. A LETTER OF CREDIT FOR THE COST OF REVEGETATING ALL DISTURBED AREAS ON THE SITE SHALL BE SUBMITTED PRIOR TO ANY EARTH DISTURBING ACTIVITY OCCURS. 22. IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE CONDITIONS OF ALL OF THE PERMIT APPROVALS. 9. THE TOTAL LAND AREA DISTURBED BY THIS PROPOSAL IS 15,900 S.F. THEREFORE, 3.426 S.F./100 S.F. = 34.26 OR 35 SPACES A PRE-CONSTRUCTION CONFERENCE WITH THE DEVELOPER, THE DESIGN ENGINEER, THE EARTHWORK CONTRACTOR AND THE CITY ENGINEER SHALL OCCUR PRIOR TO ANY EARTH DISTURBING ACTIVITY. 23. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS NOT ALREADY OBTAINED BY THE OWNER AND ARRANGE AND PAY FOR NECESSARY INSPECTIONS AND APROVALS FROM THE AUTHORITIES HAVING JURISDICTION 10. THERE ARE NO PLANNING BOARD WAIVERS REQUESTED. PROVIDED: 66 SPACES INCLUDING ONE (2) HANDICAP SPACES (ONE WHICH VAN ACCESSIBLE) CONSTRUCTION OF THIS PROPOSAL IS ANTICIPATED TO TAKE PLACE APRIL, 2017 TO NOVEMBER, 2017. 11. BUILDING ADDRESS WILL NOT CHANGE. \*PER ZBA CASE NO. 238-7-TC/SDOA-17-ZBA 12. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO LEGEND: 12. STRIPE PARKING AREAS AS SHOWN INCLUDING HANDICAP SYMBOLS AND PAINTED ISLANDS. ALL MARKINGS SHALL BE CONSTRUCTED USING WHITE TRAFFIC PAINT, MEETING THE REQUIREMENTS OF AASHTO M-248-TYPE N. NOW OR FORMERLY EXISTING LIGHT FIXTURE EXISTING WELL 13. ALL PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", THE "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS, AND THE AMERICAN WITH DISABILITIES ACT, LATEST EDITIONS. 13. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN. 3'R PROPOSED PAVEMENT RADIUS PCC PROPOSED PRECAST CONCRETE CURB PROPOSED LIGHT POLE BASE PAINTED ISLANDS SHALL BE 4 INCHES WIDE DIAGONAL LINES 3 FEET ON CENTER. 14. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. HANDICAP SYMBOL PROPOSED SIGN | | | | | | ON-SITE SNOW STORAGE SHALL OCCUR ALONG THE EDGES OF PROPOSED PAVEMENT AREAS AS SHOWN THE PLANS. BUILDING SETBACK LINE \_\_\_\_PW-PROPOSED WATERLINE 15. ELEVATIONS BASED ON NGVD 29. Existing Building 16. LAYOUT OF BUILDING CORNERS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR AND SHALL BE BASED UPON THE ARCHITECT'S FINAL FOUNDATION PLAN. \_\_\_\_PF-PROPOSED UTILITIES ~~~ PROPOSED TREELINE EXISTING TREELINE ~~~~~ Map 238 / Lot 39 Irving Oll NH Properties Corp. PO Box 868 Calais, ME 04619 PROPOSED GUARDRAIL PROPERTY LINE Map 238 / Lot 6 CRE JV Five Branch Holdings LLC PO Box 460049 Houston, TX 77056 PROPOSED WATERLINE (BY OTHERS) TBM Elev = 206.34 Spike Base of Pole Paved Parking Lot TOWN OF BARRINGTON PLANNING BOARD APPROVAL 03825 ; TSOUKALAS BOX 684 TON, NH 0382 OSED WATERLINE CONNECTIO ro I 4 CEORGE P.O. 1 BARRINGTO Approval of this plot is contingent on compliance with all applicable requirements of the land use regulations of the Town of Barrington, including but not limited to the Site Plan Regulations, excepting only such variance, walver, or modification of any such requirements as is endorsed upon this plot or otherwise evidence in D Story Bullding Fin Fir=205.3 D Mop 235 / Lot 81 Barrington East Road Common Area Eastern Avenue Barrington, NH 03825 0 AC AC Refer CRILL HICHWAY IMPSHIRE 0 To carry out the improvements agreed and as shown and intended by this plot, is any work made necessary by unforeseen conditions which become apparent during construction of the plan. 9' TYP. PIERCE NEW HAM To post all interior subdivision roads "Private" unless and until sold roads are laid out or accepted as town roads, and install street signs as approved by the selectmen for all intersections. rederick & Angel Bussi 9 Colonial Way Suite E Barrington, NH 03825 Wa PROPOSED PUMP HOUSE (BY OTHERS) MILLO'S PL PROPOSED WATERLINE (BY OTHERS) 261 Charles Street Rochester, NH 03867 PLAN Map 238 / Lot 16.21 Barrington Village Place LLC 7B Ernery Lane Strathom, NH 03885 GRAPHIC SCALE SITE 5 ( IN FEET )





#### DESCRIPTION

THE PURPOSE OF THIS PLAN IS TO DEPICT THE PROPOSED MINOR ALTERATION TO THE EXISTING RESTRAURANT FACULTY FOOTPRINT AND SITE MODIFICATIONS EXPANSION OF THE EXISTING BUILDING, EXPANSION OF PARING AREA AND ADDITIONAL SITE LIGHTING.

#### PROJECT NAME AND LOCATION

MILLO'S PIZZA & GRILL
575 FRNAKLIN PIERCE HIGHWAY
Barrington, NH 03825 LATITUDE N 43' 12' 45" LONGITUDE W 70' 59' 39"

### DISTURBED AREA

#### SEQUENCE OF MAJOR ACTIVITIES

- SEQUENCE OF MAJOR ACTIVITIES

  1. Place temporary arosino and sediment control BMP's

  2. All arosino control and perimeter controls sholl be installed prior to commencing earth

  3. Selective demaillion of existing structures and utilities

  4. Clear and quite vegetated aroses and regrade site to subgrade

  5. Install drakings control structures and swales

  6. Install drakings control structures and swales

  7. Place gravels and fine grade

  8. Swales and points (as applicable) shall be constructed early on in the construction sequence
  directing most to them.

  9. Stabilize, roadways & porting late within 72 hours of orbiving finished grade.

  10. All cut and fill singues shall be loomed and seeded (as applicable) within 72 hours of
  achieving finish grade.

  11. All erosion control measures shall be inspected at least weekly and after every 1/4° of
  rokinfall.

- rainfall.

  2. In all cases the smallest practical area shall be disturbed during construction and in NO case shall acceed 5 acres at any one time before disturbed areas are stabilized. All disturbed areas shall be stabilized within 14 days of hilliad disturbed areas shall be stabilized within 14 days of hilliad disturbed areas shall be stabilized within 14 days of hilliad disturbed areas shall be stabilized within 14 days of hilliad disturbed areas shall be stabilized within 14 days of hilliad disturbed areas shall be stabilized within 14 days of hilliad disturbed areas shall be stabilized within 14 days of hilliad disturbed areas shall be stabilized within 14 days of hilliad disturbed areas shall be disturbed on the shall be disturbed

#### DEFINITIONS

- No. rore shall be considered stoble of one of the following has occurred.

  1. Base course gravels have been installed in creas to be powed.

  2. A minimum of 65% registated growth has been established.

  3. A minimum of 3° of non-erosive material such as stone or rip-rap has been installed; or 4. Erosian control blankets have been properly installed.

# INSTALLATION, MAINTENANCE AND INSPECTION PROCEDURES OF EROSION AND SEDIMENT CONTROLS

- GENERAL so are the general inspection and maintenance practices that will be used to implement the plan. All ditches and swelms shall be stabilized prior to directing runoff to them. The smallest practical partion of the site will be denuded at one time. All control measures will be inspected at least once each week and following any storm event of
- All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of report
- within 24 hours of report.

  Built up aediment will be removed from silt fence or check dome when it has reached one third the height of the finace or dom.

  All othersine diese will be inspected and any breaches promptly repoland.

  Temporal diese will be inspected and any breaches promptly repoland.

  Temporal diese will be inspected for bore spots, washouts, and unhealthy growth.

  A monitoriance inspection report will be made after each inspection.

  A representative of the owner, will be responsible for inspections, mointenance and repoir activities, and filling out the inspection and maintenance report.

  All areas shall be stabilized within 72 hours of collering finish grade

- ill Fence
  Synthetic filter fabric shall be a parvious sheet of propylene, nylon, polyester or ethylene yorn and shall be certified by the manufacturer or supplier as conforming to the following requirements:
  Physical Property
  Filtering Efficiency
  1784-51
  1784 minimum
  Fletning Efficiency
  1784-52
  1784 Maximum Elongation\*
  1784 Standard Strength
  1785 Standard Strength
- ow Rate VTM-51 0.3 gal/sf/min (min)
  Requirements reduced by 50 percent after six (6) months of installation

Synthetic filter fabric shall contain ultraviolet ray inhibitors and stabilizers to provide a minimum of six  $(\theta)$  months of expected weable construction life at a temperature range of 0 degrees F to 120 Degrees F.

- The height of a sit fence shall not exceed thirty-six (36) inches. The filter fabric shall be purchased in a continuous roil cut to the length of the borrier to ovid the use of joints. When joints are necessary, filter cicht shall be spilced together only at support post, with a minimum six (6) inch overlap, and securely sedied.
- securely secied.

  Posts shall be spaced a maximum of ten (10) feet aport at the barrier location and driven securely into the ground (minimum of 12 inches). When extra strength fobric is used without the wire support fence, post spacing shall not exceed 6 feet.
  Posts for self fences shall be 2-inch dismater wood with a minimum length of 5 feet.
  Wire fence reinforcement for all fences using standard strength filter cloth shall be a minimum of 42 inches in height, a minimum of 14 gauge and shall have a maximum mesh spacing of 6 fichess.

- minimum of 42 inches in height, a minimum of 14 gouge and shall have a maximum mesh spacing of 6 inches. A trench shall be excavated approximately four (4) inches side and four (4) inches deep along the line of posts and upsige from the barrier. When standard strength filter fabric is used, a wire mesh support fence shall be firstened securely to the upsige side of the posts using heavy duty wire stayles at least one (1) inch long, the wires or hap rings. The wire shall extend no more than 35 inches down the original ground surfaces. The standard strength filter fabric shall be taped or wheat to the fence, and eight extend more than 35 inches down the original to taped or wheat to the fence, and eight extend more than 35 inches down the adjust ground surface. Filter fabric shall not be stayled to axisting trees. When extra strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated. In such a case, the filter fabric is stapled or wired directly to the posts with all other provisions of Item (1) applying. The trench shall be backfilled and the soil compacted over the filter fabric. STI fences shall be removed when they have served their useful purpose, but not before the upsign areas has been permanently stabilized.

- Sediment barriers shall be installed prior to any soil disturbance of the contributing drainage area above them.

  Maintenance
- a. Intel protection and silt fence barriers shall be inspected immediately offer each reinful and at least daily during prolonged reinful. They shall be repoired if there are any signs of erasion or sedimentation below them. Any required repairs shall be made immediately. If there are signs of undercutting at the center or the edges, or impounding of large volumes o water behind them, sediment barriers shall be replaced with a temporary
- water behind them, seammer parties such as significant processing the compose or become shock dam. Should the fabric on a silt fence or filter barrier decompose or become ineffective prior to the end of the expected usable life and the barrier still is necessary, the fabric shall be replaced promptly. Sediment deposits should be removed after each storm event. They must be removed after each storm event. They must be removed when deposits reach approximately one third (1/3) the height of the barrier.
- be removed when deposits reach approximately one third (1/3) the he the barrier.

  Any sediment deposits remaining in place after the silt fence or filter barrier is no larger required shall be dressed to conform with the existing grade, prepared and seeded.

LAND USE OFFICE

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MUI CHING

- Timing In order for mulch to be effective, it must be in place prior to major storm events. There are two (2) types of standards which shall be used to assure
- Apply mulch prior to any storm event. It will be necessary to closely mainter weather predictions, usually by contacting the National Weather Service in Concord, to have adequate warning of significant storms. Required Mulching within a specified time period. The time period con range from 14 to 21 days of inactivity on a area, the length of time verying with site conditions. Professional Ligorament shall be used to evaluate the Interaction of Interactional General Services and Services of the American Services. The Services of the Postario Interaction of the potential Impact of evaluation and Jecent areas to choose an leading file.
- Application Rate Mulch shall be applied at a rate of between 1.5 to 2 tons per acre, or 90 to 100 pounds per 1000 square feet.
- Cuidelines for Winter Mulch Application. When mulch is applied to provide protection over winter (past the growing season) it shall be at a rate of 6,000 pounds of hay or strow per acre. A tacklifer may be added to the mulch.
- Maintenance All mulches must be inspected periodically, in particular after rainstorms, to check for rill erasion. If less than 90% of the soil surface covered by mulch, additional mulch shall be immediately applied.
- Excelsior Matting Excelsior Matting shall be used in place of mulch on all slopes steeper than 3.1.

#### TEMPORARY GRASS COVER

- Seatched Proporation

  Apply fertilizer at the rate of 600 pounds per acre of 10–10–10. Apply limestone (equivalent to 50 percent calcium plus magnesium oxide) at a rate of three (3) tons per acre.
- Utilize annual rye grass at a rate of 40 lbs/acre.

  Where the soil has been compacted by construction operations, loosen soil to a depth of two (2) inches before applying fertilizer, lime and
- seed.

  Apply seed uniformly by hand, cyclone seeder, or hydroseder (slurry linkluding seed and fertilizer). Hydroseedings, which include mulch, may be left on soil surface. Seeding rates must be increased 10% when hydroseeding.
- Mointenance
  Temporary seedings shall be periodically inspected. At a minimum, 95% of the
  soil surface should be covered by vegetation. If any evidence of erosion or
  sedimentation is apparent, repairs shall be made and other temporary
  measures used in the interim (mulcin, Rier barriers, check dams, etc.).

#### E. PERMANENT SEEDING

- Bedding stones larger than 1 ½ ", trash, roots, and other debris interfere with seeding and future maintenance of the area should be removed. Where feasible, the soil should be tilled to a depth of 4" to prepare a seedbed and mix fertilizer into the soil.
- Fertilizer lime and fertilizer should be applied evenly over the area prior to
  or at the time of seeding and incorporated into the soil. Kinds and
  amounts of lime and fertilizer should be based on an evaluation of soil tests.
  When a soil test is not available, the following minimum amounts should be

3. Seed Mixture (recommended)

#### Rate: LBS. per Acre LBS. per 1,000 a.f.

-		
Tall Fescue	20	0.45
Creeping Red	20	0.45
Fescue		
Birdsfoot Trefoil	8	0.20
Total	48	1.10

- Sodding sodding is done where it is desirable to rapidly establish cover on a disturbed area. Sodding on area may be substituted for permanent seeding procedures anywhere on sits. Bed proporation, fertilizing, and placement of sad shall be performed according to the S.C.S. Handbook.
- Sodding is recommended for steep sloped areas, areas immediately adjacent to sensitive water courses, easily eradible soils (fine sand/siit) etc.
- 5. Provide a minimum of 4 inches (5 inches loose) of topsoil to all areas to be seeded
- 1. Straw/Hay Bale Inlet Structure
  - Bales shall be either wire bound or string tied with the bindings oriented around the sides rather than over and under the bales.
  - Bales shall be placed lengthwise in a single row surrounding the inlet, with the ends of adjacent bales pressed together.
  - c. The filter barrier shall be entrenched and backfilled. A trench shall be excavated around the inlet the width of bale to a minimum depth of four (4) inches. After the bales are staked, the excavated soil shall be backfilled and compacted against the filter barrier.
  - d. Each bale shall be securely anchored and held in place by at least two (2) stakes or rebars driven through the bale.
  - Loose straw/hay shall be wedged between bales to prevent water from entering between bales.
  - All structures should be inspected after every rainstorm and repairs made as necessary.
  - g. Sediment should be removed from the devices after the sediment has reached a maximum of one—third the depth of the trap.
  - Haybales should be removed and the area repaired as soon as the contributing drainage area to the inlet has been completely stabilize

## TIMING OF CONTROLS/MEASURES

As indicated in the sequence of Major Activities the silt fences shall be installed prior to commencing any clearing or grading of the site. Structural controls shall be installed concurrently with the applicable activity. Areas where construction activity temporarily ecases for more than twenty one (21) days will be stabilized with a temporary seed and mutch within fourteen (14) days of the last disturbance. Once construction activity ceases permanently in an area, silt fences and any sorth/dikes will be removed once permanent measures are established. All areas shall be stabilized within 72 hours of achieving linish

#### WASTE DISPOSAL

#### WASTE MATERIALS

All waste materials will be collected and stored in securely lidded receptocles. All trash and construction debris from the site will be deposited in a dumpater. No construction waste materials will be buried on site. All personnel will be instructed regarding the correct procedure for waste disposal by the superintendent.

## HAZARDONIC WACTE

- MAZINDOUS WASTE
  All hazardous waste materials will be disposed of in the manner specified by local or state regulation or by the manufacturer. Site personnel will be instructed in these practices by the superintendent.
- SANITARY WASTE
  - All sonitary waste will be collected from the portable units a minimum of once per week by a licensed sonitary waste management contractor.

#### SPILL PREVENTION

#### A. MATERIAL MANAGEMENT PRACTICES

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances during construction to stormwater runoff:

The following good housekeeping practices will be followed on site during the construction project:

- An effort will be made to store only sufficient amounts of products to do the
- All materials stored on site will be stored in a neat, orderly manner in their proper (original if possible) containers and, if possible, under a roof or other sendonries
- sure. facturer's recommendations for proper use and disposal will be followed. The site superintendent will inspect daily to ensure proper use and disposal of
- materials.

  Substances will not be mixed with one another unless recommended by the manufacturer.
- Whenever possible all of a product will be used up before disposing of the

The following practices will be used to reduce the risks associated with hazardous

- Products will be kept in their original containers unless they are not resealable Original labels and material safety data will be retained for important product information.
- Surplus product that must be disposed of will be discorded according to the manufacturer's recommended methods of disposal.

PRODUCT SPECIFICATION PRACTICES
The following product specific practices will be followed on site:

#### Petroleum Products:

All on sits vehicles will be monitored for leaks and receive regular preventive maintenance to reduce leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled. Any asphalt based substances used on site will be applied according to the manufacture's recommendations.

#### Fertilizers:

Fertilizers used will be applied only in the minimum amounts directed by the specifications. Once applied fertilizer will be worked into the soil to limit exposure to stormwater. Storage will be in a covered shed or en

spile.

All containers will be tightly sealed and stored when not required for use. Excess point will not be discharged to the storm sewer system but will be disposed of properly according to manufacturer's instructions or state and local regulations.

#### Concrete Trucks:

Concrete trucks will discharge and wash out surplus concrete or drum wash water in a contained area on site. SPILL CONTROL PRACTICES

# in addition to good housekeeping and material management practices discussed in the previous section the following practices will be followed for spill prevention and

- Manufacturer's recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area on site. Equipment and materials will include but not be limited to brooms, dustpons, mogs, rogs, gloss, goggles, kitty litter, sand, sawdust and plastic or metal trash containers specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance
- Spills of toxic or hazardous material will be reported to the appropriate state or local government agency, regardless of the size.
- The spill prevention plan will be adjusted to include measures to prevent this type of spill from recurring and how to cleanup the spill if it recurs. A description of the spill, its cause, and the cleanup measures will be included.
- The site superintendent responsible for day-to-day site operations will be the

# MAINTENANCE OF STORMWATER MANAGEMENT FACILITIES

The project proponent is responsible for the maintenance of all stormwater facilities during construction and the property owner is responsible after construction is complete.

## CATCH BASINS & STORMWATER TREATMENT STRUCTURES

Catch basins & Stormwater treatment structures should be inspected on a monthly basis and/or after a major rainfall event to assure that debris or sediments do not reduce the effectiveness of the system.

### WINTER CONSTRUCTION NOTES

- All proposed post-development vegetated areas which do not exhibit a minimum of 85 % vegetative growth by October 15th, or which are disturbed after October 15th, shall be stabilized by seeding and installing areasion control bindests on slopes greater than 3:1, and seeding and placing 3 to 4 tans of mulch per acres secured with anchored netting, desenter. The placement of erosion control bindests or mulch and netting shall not occur over occumulated snow or on frozen ground and shall be completed in advance of that wer spring met.
- All slopes which do not exhibit a minimum of 85% vegetative growth by October 15th, or which are disturbed ofter October 15th shall be stabilized with stone or execute.
- After October 15th, incomplete road surfaces shall be protected with a minimum o 3-inches of crushed gravel per NHDOT item 403.3, or if construction is to continu through the winter season be cleared of any accumulated snow after each storm

The project proponent is required to manage construction to meet the requirements of AGR 3800 relative to controlling invasive species and controlling rigidity dust in accordance with ENV-A 1002.

AGR 3800 Prohibited Invasive Plant Societies Rules.

The rule, Agr 3600, states: "No person shall collect, transport, import, export, move, buy, sell, distribute, propagate or transplant any liking and viable parties of any plant species, which includes all of their cultivars and varieties, listed in Table 3300.1, New Hampshire prohibited invasive species list." A complete copy of the rules can be accessed on the internet at http://ogriculturs.nh.gov/lopics/plants\_insects.htm.

Env-A 1002 FUGITYE DUST: Precoutions to Prevent. Abote, and Control Fugitive Dust.

(a) Any person engaged in any activity within the state that emits fugitive dust, other than those listed in Env-A 1002.02(b), shall take precoutions throughout the duration of the activity in order to prevent, obste, and control the emission of flugitive dust.

- (b) Precautions required by (a), above, shall include but not be limited to the follow
- (1) The use of water or hydrophilic material on operations or surfaces, or both:
- (2) The application of asphalt, water or hydrophilic material, or tarps or other such covers to material stockoiles:
- (3) The use of hoods, fans, fabric filters, or other devices to enclose and vent areas where materials prone to producing fugitive dust are handled;
- (4) The use of containment methods for sandblasting or similar operations; and
- (5) The use of vacuums or other suction devices to collect airborne particulate matter.

BLASTING

I) All activities associated with blasting need to be optimized to prevent the release of chemicals associated with blasting activities to the environment.

2) identity drinking water wells located with 12000 feet of the proposed blasting activities. Develop a groundwater quality sampling program to monitor for nitrate and nitrite either in the drinking water supply wells in the area. The plan wells or in other wells that our expressentitive of the drinking water supply wells in the area. The plan wells or in other wells that our expressed promitives and be approved by HRIES price to initiating blasting. The groundwater sampling program must be implemented once approved by HRIES.

3) The following Best Management Procedures for blasting shall be complied with:

(1) Locating practices. The following blastable locating practices to minimize eminormental effects shall be allowed by the plant of the process of the second process of the reduced products shall be managed on-site as that they are either used in the borshole, returned to the delivery vehicle, or placed in secure containers for off-site disposal.

(c) Spilloge around the borshole shall either be placed in the borshole or desand up and returned to an appropriate vehicle for handling or placement in secured containers for off-site disposal.

(d) Locating equipment shall be cleaned in an area where wastewater can be properly contained and handled in a manner that prevents release of contaminants to the environment.

(f) Explosives shall be located to maintain good containing to the environment.

(g) Explosives shall be located to maintain good containing to the environment.

(g) Explosives shall be located to maintain good containing to the environment.

(g) Explosives shall be included to maintain good containing to the environment.

- (a) Explosive products shall be selected that are appropriate for site conditions and safe blast (b) Explosive products shall be selected that have the appropriate water resistance for the site conditions present to minimize the potential for hazardous effect of the product upon
- groundwater. ntion of Misfires. Appropriate practices shall be developed and implemented to prevent

- from surface water and storm drains, 75 feet from private wells, and 400 feet from public wells; and 400 feet from public wells; and 400 feet from public wells; and 7. Secondary containment is required for containers containing regulated substances stored outside, except for an premise use heating fuel tanks, or aboveground or underground storage tanks otherwise regulated.

  (b) The fuel handing requirements shall include:

  1. Except when in use, keep containers containing regulated substances closed and seeled;

  2. Place drip pans under selforts, volves, and pumps;

  3. Hore spill control and containment equipment resold; avoidable in all work creas;

  5. Perform transfers of regulated substances; and 5. Perform transfers of regulated substances; and 6. The training of on-site employees and the an-site posting of release response information describing and maintenance of excavation, continuously and other construction related equipment vide comply with the regulations of the New Hampshire Department of Environmental Services (note these requirements are summarized in NO-DNG9-22-6 Best Management Practices for Fueling and Maintenance of Excavation and Earthmowing Equipment or Its successor document, (see Active Colores).

DATE: 3-2-17
SCALE: AS SHOWN
DRAWN BY: SRD
DESIGN BY: SRD
DESIGN BY: SRD
PROJECT NO: 11022
DESIGN BY: SLD

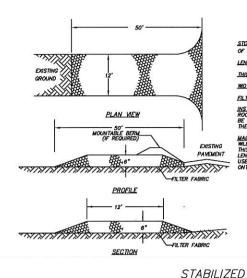
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GEORGE P.O. BARRINGTO

CRILL HIGHWAY MPSHIRE NOTES MILLO'S PIZZA & C FRANKLIN PIERCE . IRRINGTON, NEW HAM CONTROL EROSION

8



The Talon is the most versutile, functionally designed, universally

#### CONSTRUCTION SPECIFICATIONS

STONE SIZE - NHDOT STANDARD STONE SIZE #4 - SECTION 703

THICKNESS - SIX (B) INCHES (MINIMUM)

MOTH - 12' MINIMUM

FILTER FABRIC - MIRAFI 600X OR APPROVED EQUAL.

INSTALLATION — THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL A ROAD STABULIZATION FILTER CLOTH CAN BE PLACED ON THE SUBGRADE PRIOR TO THE GRAVEL PLACEMENT TO PREVENT PUMPING. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS.

MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH MLL PREVENT TRACKING OR FLOWING OF SEMMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MLL RECOURSE PERSONS FOR PERSONS WITH ADDITIONAL STORE OR ADDITIONAL USED TO THE PERSONS FOR PERSONS FO

NO. 10 CONTRACTOR	<b>X PASSING</b>	
SIEVE SIZE	BY WEIGHT	
2 Inches	100	
1 1/2 inches	90-100	
1 Inch	20-55	
3/4 Inch	0-15	
3/8 Inch	0-5	

SPECIFICATIONS

NOTE: THE SETMACK WILL BE MANEFACTURED FROM A BOND POLYPRO.
FAMING THAT WIETS OF DOLEDOS THE TRALLORING SPECIFICATIONS.
AS SUPPLIED BY AN HARRIS OF PORTSMAN. REGULAR FLOW SILTSACK (FOR AREAS OF LOW TO MODE PROPERES
GRAB TENSILE STRENGTH
GRAB TENSILE ELONGATION
PUNCTURE
TRAPEZOO TEAR
LV RESSTANCE
APPARENT OPENING SIZE
FLOW RATE
PEDILITHMTY HI-FLOW SILTSACK 

GOR AREAS OF MODERATE TO HEAVY
PROPERTIES TATION AND RIM-OFF)

METHOD

METTS

ASTIN D--8332

METTS

ASTIN D-18332

METTS

METTS OIL-ABSORBANT SILTSACK (FOR AREAS WHERE THERE IS A CONCEIN FOR OIL RUN-OFF OR SPILLS)
DEPENDING ON YOUR PARTICULAR APPLICATION, THE SLITSACK COM BE MADE FROM
ETHER ONE OF THE ABOVE FABRICS WITH AM OIL—ABSORBANT PILLOW RISERT OR,

DETAIL OF INLET SEDIMENT CONTROL DEVICE

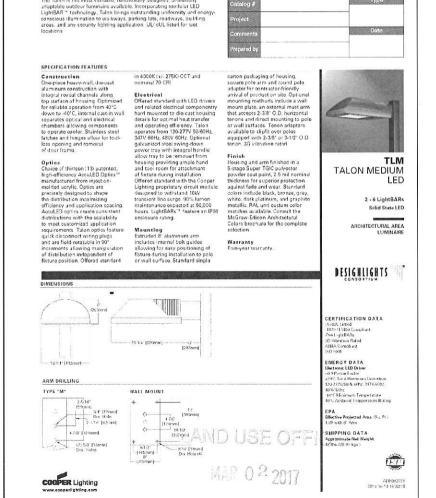
NOT TO SCALE

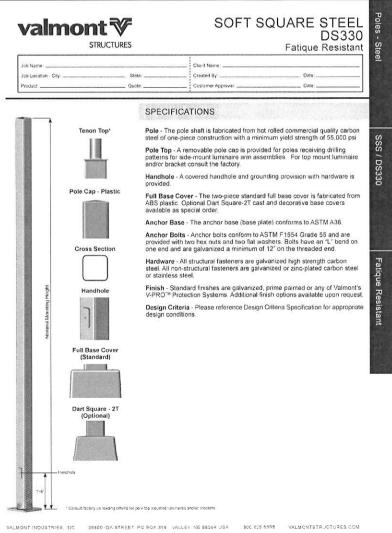
STABILIZED CONSTRUCTION ENTRANCE

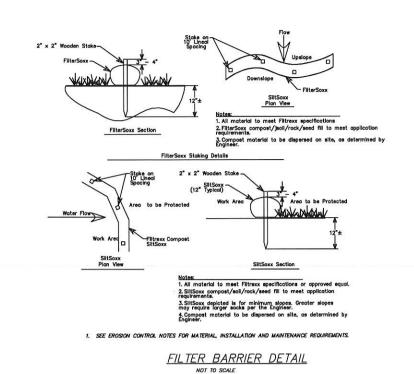
McGRAW-EDISON\*

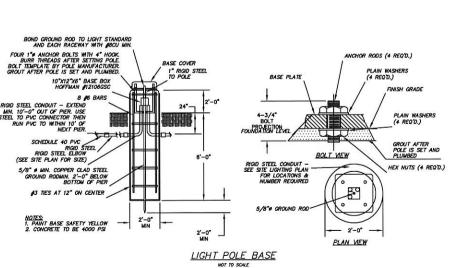
NOT TO SCALE

INSTALLATION DETAIL









RIGID SIEEL COMDUIT - EXTRANO
MIN. 10"-0" OUT OF PIER US
STEEL TO PVC CONNECTOR THEN
RUN PVC TO WITHIN 10" OF
RIGHD STEEL LEGOW
RIGHD STEEL LEGOW
(SEE SITE PLAN FOR SIZE)

PIERCE NEW HAN જ CONTROL MILLO'S PIZ FRANKLIN RRINGTON, N ERISION

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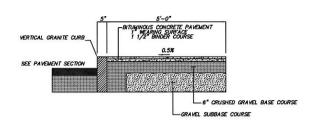
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F TSOUKALAS BOX 684 TON, NH 0382

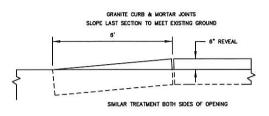
CEORCE P.O. I BARRINGTO

DETAILS

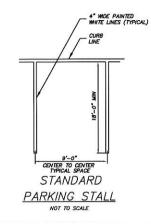
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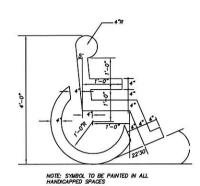


## BITUMINOUS CONCRETE SIDEWALK WITH VERTICAL GRANITE CURB NOT TO SCALE

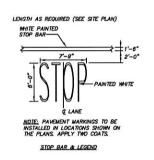


"TIP-DOWN" CURB DETAIL NOT TO SCALE

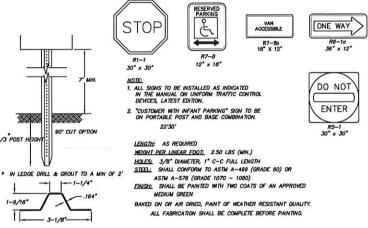




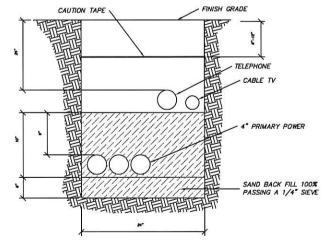
PAINTED HANDICAP SYMBOL NOT TO SCALE



PAVEMENT MARKINGS NOT TO SCALE

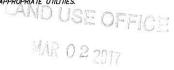


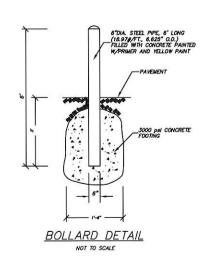
SIGN LEGEND & SIGN POST

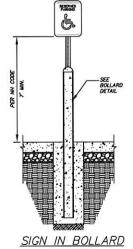


- TELEPHONE CONDUIT SHALL BE 3" SCHEDULE 40 PVC, WITH STEEL SWEEPS AT RISER POLE, 90' BENDS AND AT BUILDING.
   LEAVE PULL ROPE IN ALL CONDUITS FOR CABLE INSTALLATION.
   FOR COMPLETE SPECIFICATIONS SEE "PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE CONSTRUCTION SPECIFICATIONS FOR UNDERGROUND CONDUIT SYSTEMS".
   CONTRACTOR SHOULD VERIFY THE NUMBER & SIZE OF CONDUIT WITH THE APPROPRIATE UTILITIES.

UTILITY TRENCH NOT TO SCALE







MILLO'S PIZZA & CRILL 575 FRANKLIN PIERCE HIGHWAY BARRINGTON, NEW HAMPSHIRE SHEET DETAIL

GEORGE TSOUKALAS P.O. BOX 684 BARRINGTON, NH 03825

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