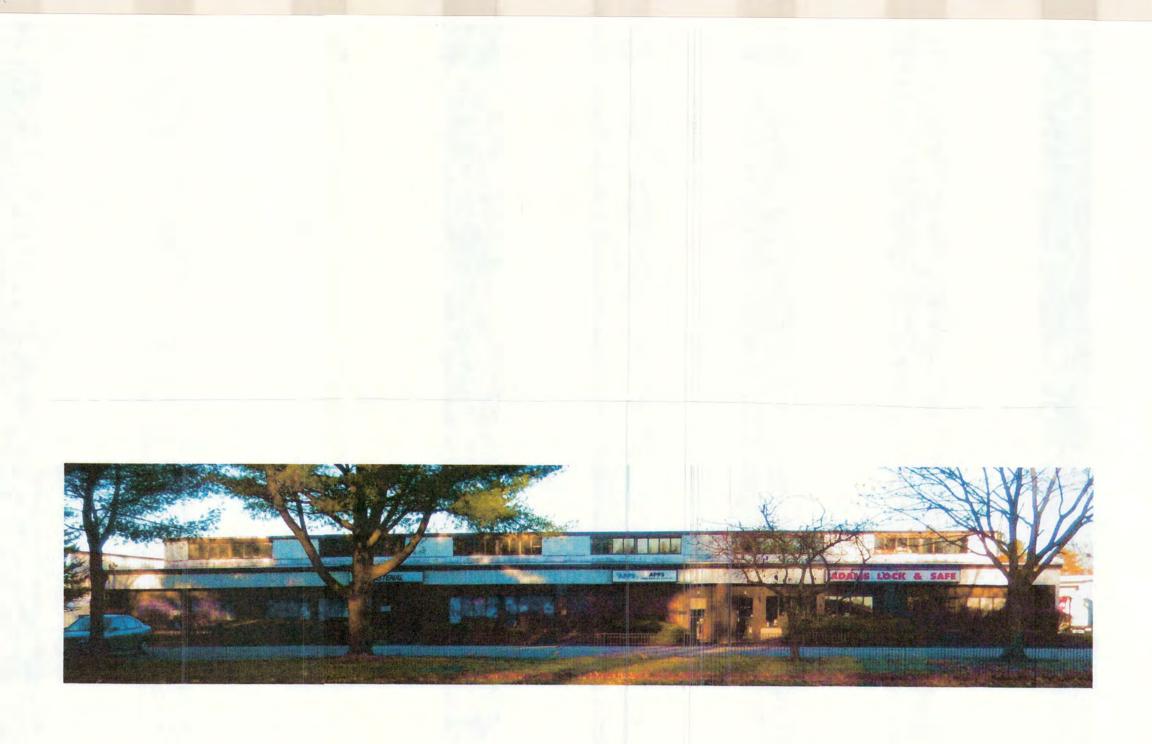


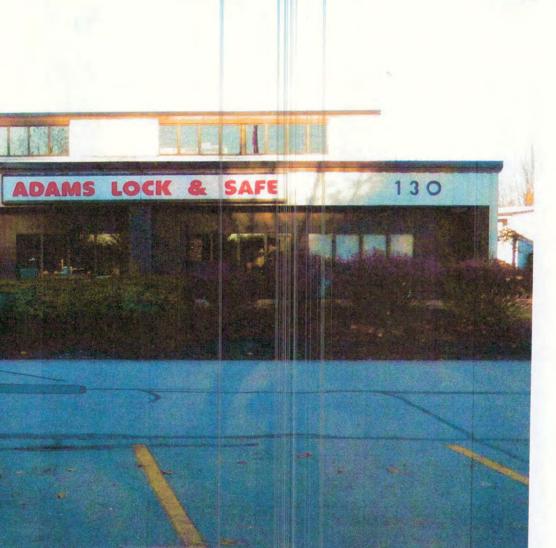
FASTENAL

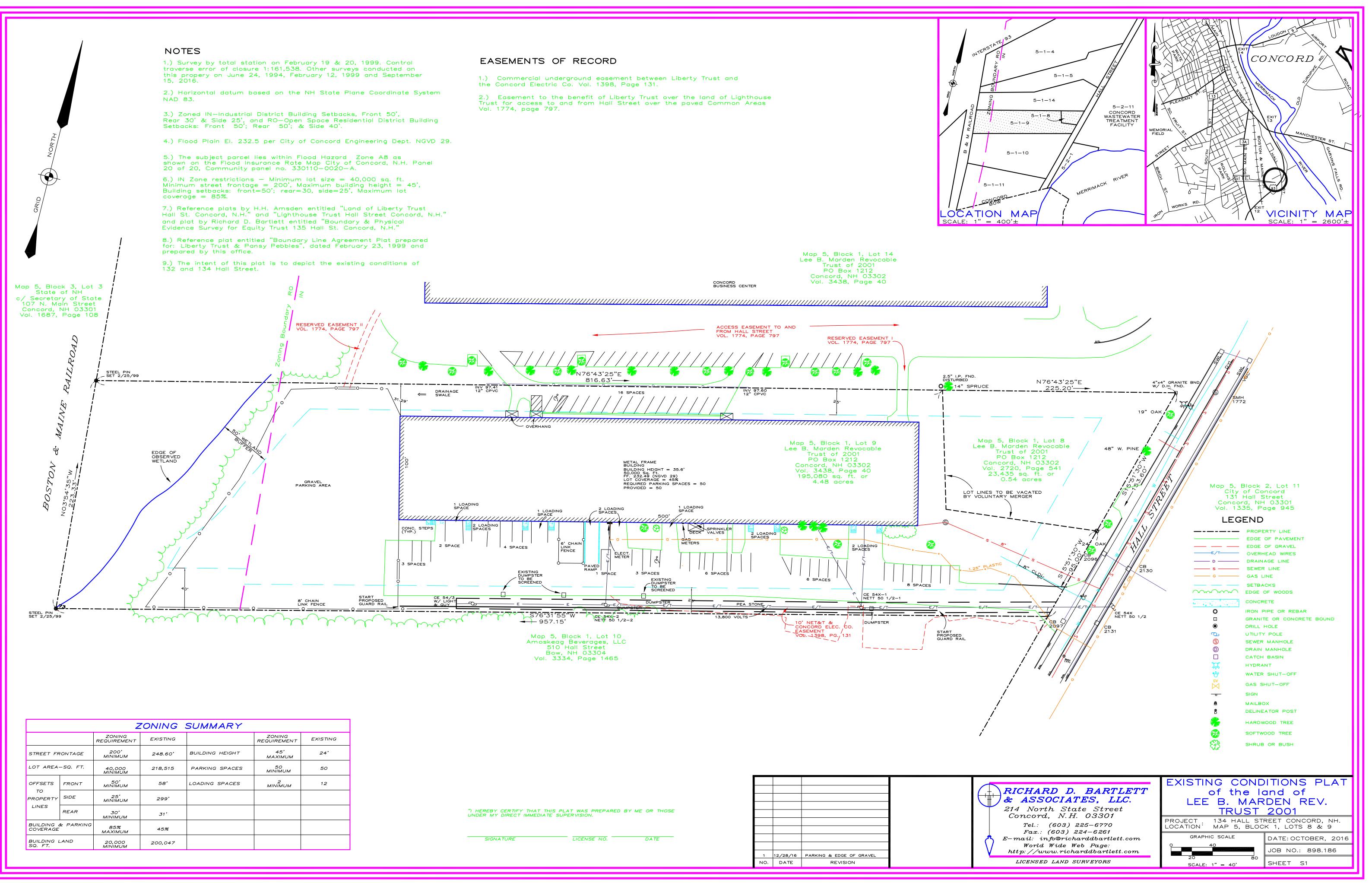


130 HALL STREET (EXISTING)

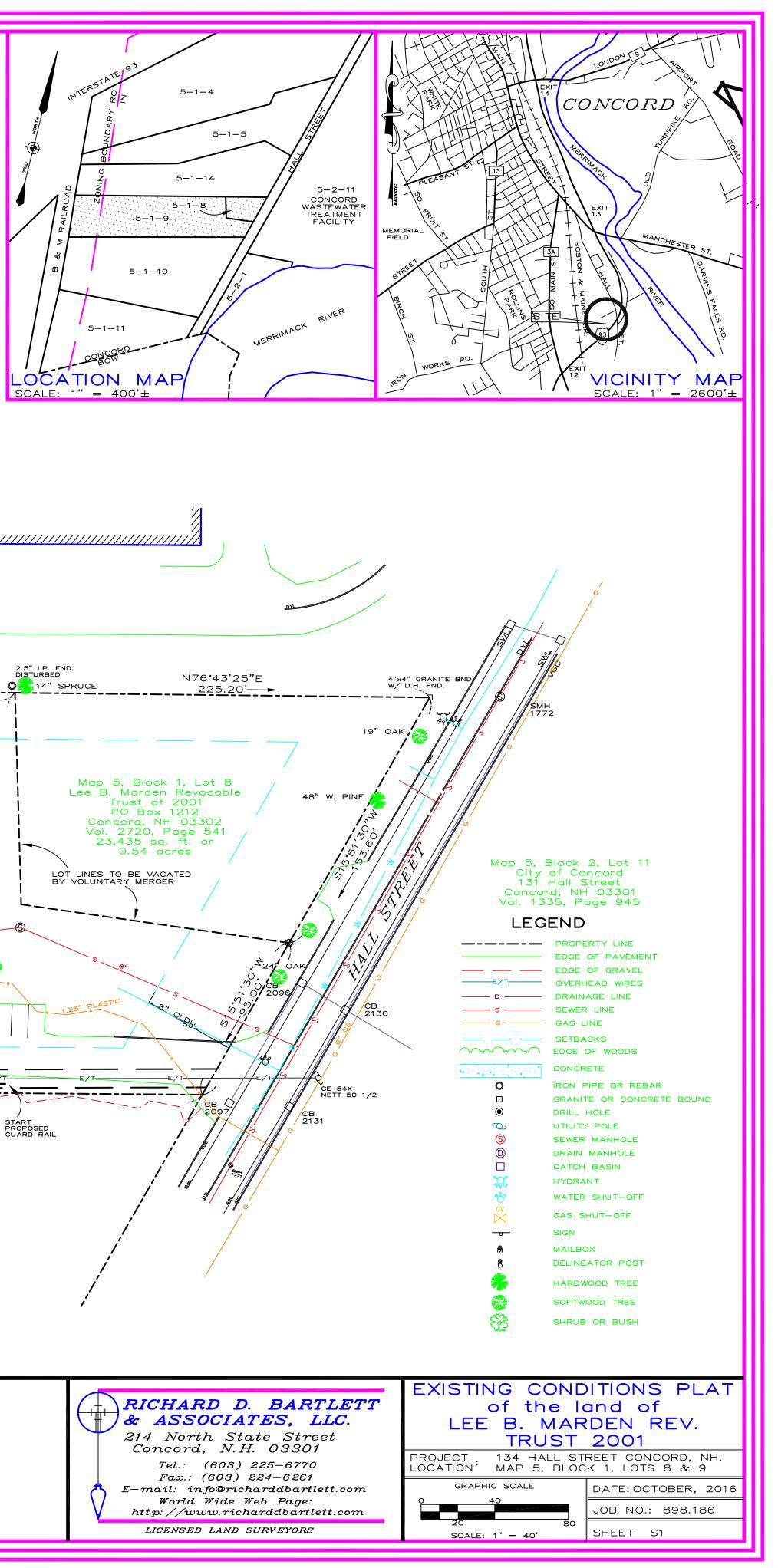


APPS APPS

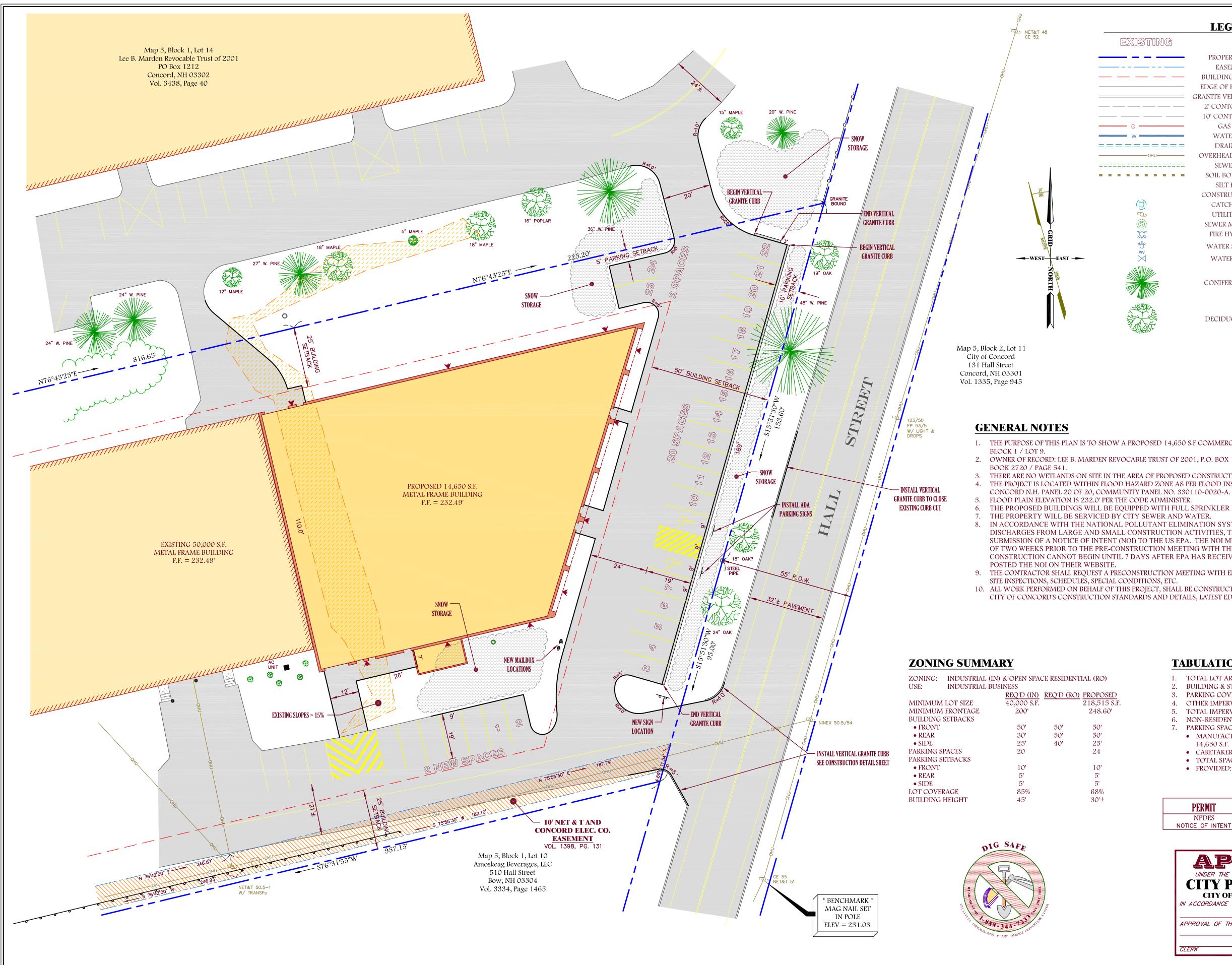




ZONING SUMMARY								
		ZONING REQUIREMENT	EXISTING		ZONING REQUIREMENT	EXISTING		
STREET FR	RONTAGE	200' MINIMUM	248.60'	BUILDING HEIGHT	45' MAXIMUM	24'		
LOT AREA-	-SQ. FT.	40,000 MINIMUM	218,515	PARKING SPACES	50 MINIMUM	50		
OFFSETS	FRONT	50' MINIMUM	58'	LOADING SPACES	2 MINIMUM	12		
TO PROPERTY	SIDE	25' MINIMUM	299'					
LINES	REAR	зо' MINIMUM	31'					
BUILDING & COVERAGE	& PARKING	85% MAXIMUM	45%					
BUILDING L SQ. FT.	AND	20,000 MINIMUM	200,047					



					_
					-
					-
EREBY CERTIFY THAT ER MY DIRECT IMMEDI.	THIS PLAT WAS PREPARED E ATE SUPERVISION.	3Y ME OR THOSE			
					-
SIGNATURE		DATE			-
SIGNATURE	LICENSE NO.	DATE			-
SIGNATURE	LICENSE NO.	DATE	12/28/16	PARKING & EDGE OF GRAVEL	-



OF NEW HAM LEGEND / ANTHONY \ EXISTING PROPOSED COSTELLO No. 10020 PROPERTY LINE EASEMENT _____ BUILDING SETBACK ____ EDGE OF PAVEMENT GRANITE VERTICAL CURB 2' CONTOUR LIN _____ 10' CONTOUR LIN _____ GAS LINE WATER LINE ngineering onsulting _____ DRAIN PIPE =========== OVERHEAD UTILITIES -OHU------================== SEWER PIPE SOIL BOUNDARY SILT FENCE CONSTRUCTION CL CATCH BASIN UTILITY POLE C SEWER MANHOLE Ţ Õ FIRE HYDRANT [T] WATER SHUTOFF WATER VALVE \sim CONIFEROUS TREE DECIDUOUS TREE U U A. T. A. T. 1. THE PURPOSE OF THIS PLAN IS TO SHOW A PROPOSED 14,650 S.F COMMERCIAL ADDITION TO TAX MAP 5 / $| \ge | \ge$ 2. OWNER OF RECORD: LEE B. MARDEN REVOCABLE TRUST OF 2001, P.O. BOX 1212, CONCORD, N.H. 03302. THERE ARE NO WETLANDS ON SITE IN THE AREA OF PROPOSED CONSTRUCTION ACTIVITIES. 4. THE PROJECT IS LOCATED WITHIN FLOOD HAZARD ZONE AS PER FLOOD INSURANCE RATE MAP CITY OF THE PROPOSED BUILDINGS WILL BE EQUIPPED WITH FULL SPRINKLER FIRE PROTECTION. IN ACCORDANCE WITH THE NATIONAL POLLUTANT ELIMINATION SYSTEM (NPDES), GENERAL DISCHARGES FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THIS PROJECT WILL REOUIRE SUBMISSION OF A NOTICE OF INTENT (NOI) TO THE US EPA. THE NOI MUST BE SUBMITTED A MINIMUM # - 0 OF TWO WEEKS PRIOR TO THE PRE-CONSTRUCTION MEETING WITH THE CITY. PER EPA RULES, CONSTRUCTION CANNOT BEGIN UNTIL 7 DAYS AFTER EPA HAS RECEIVED THE APPLICATION AND 9. THE CONTRACTOR SHALL REQUEST A PRECONSTRUCTION MEETING WITH ENGINEERING SERVICES TO DISCUSS $\frac{1}{2}$ 10. ALL WORK PERFORMED ON BEHALF OF THIS PROJECT, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF CONCORD'S CONSTRUCTION STANDARDS AND DETAILS, LATEST EDITION. Ŕ **TABULATIONS** 3 1. TOTAL LOT AREA: 218,515 S.F. ~ 5.02 ACRES 2. BUILDING & STRUCTURE COVERAGE: 64,650 S.F. (29.6%) 3. PARKING COVERAGE: 47,585 S.F. (21.8%) 4. OTHER IMPERVIOUS: 36,420 S.F. (16.7%) O 5. TOTAL IMPERVIOUS AREA: 148,655 S.F. (68.0%) 6. NON~RESIDENTIAL BUILDING AREA: 64,650 S.F. 7. PARKING SPACE REQUIREMENTS: -• MANUFACTURING/FABRICATION @ 1 SPACE/800 S.F. () 14,650 S.F. => 18 SPACES \mathbf{O} • CARETAKER SPACES => 2 SPACES 5 AN)tr • TOTAL SPACES REQUIRED = 20 SPACES • PROVIDED: 24 INCLUDING 2 VAN ACCESSIBLE 3 Id D SITE **APPROVAL** # EXPIRATION PERMIT Ŀ -NPDES PENDING 4-NOTICE OF INTENT all N 34 APPROVED UNDER THE PROVISIONS OF RSA 674:35 & 673:36 **CITY PLANNING BOARD CITY OF CONCORD, NEW HAMPSHIRE** IN ACCORDANCE WITH VOTE OF THE BOARD DATED:

APPROVAL OF THIS PLAT IS LIMITED TO LOTS AS SHOWN:

CHAIRMAN

JN1636

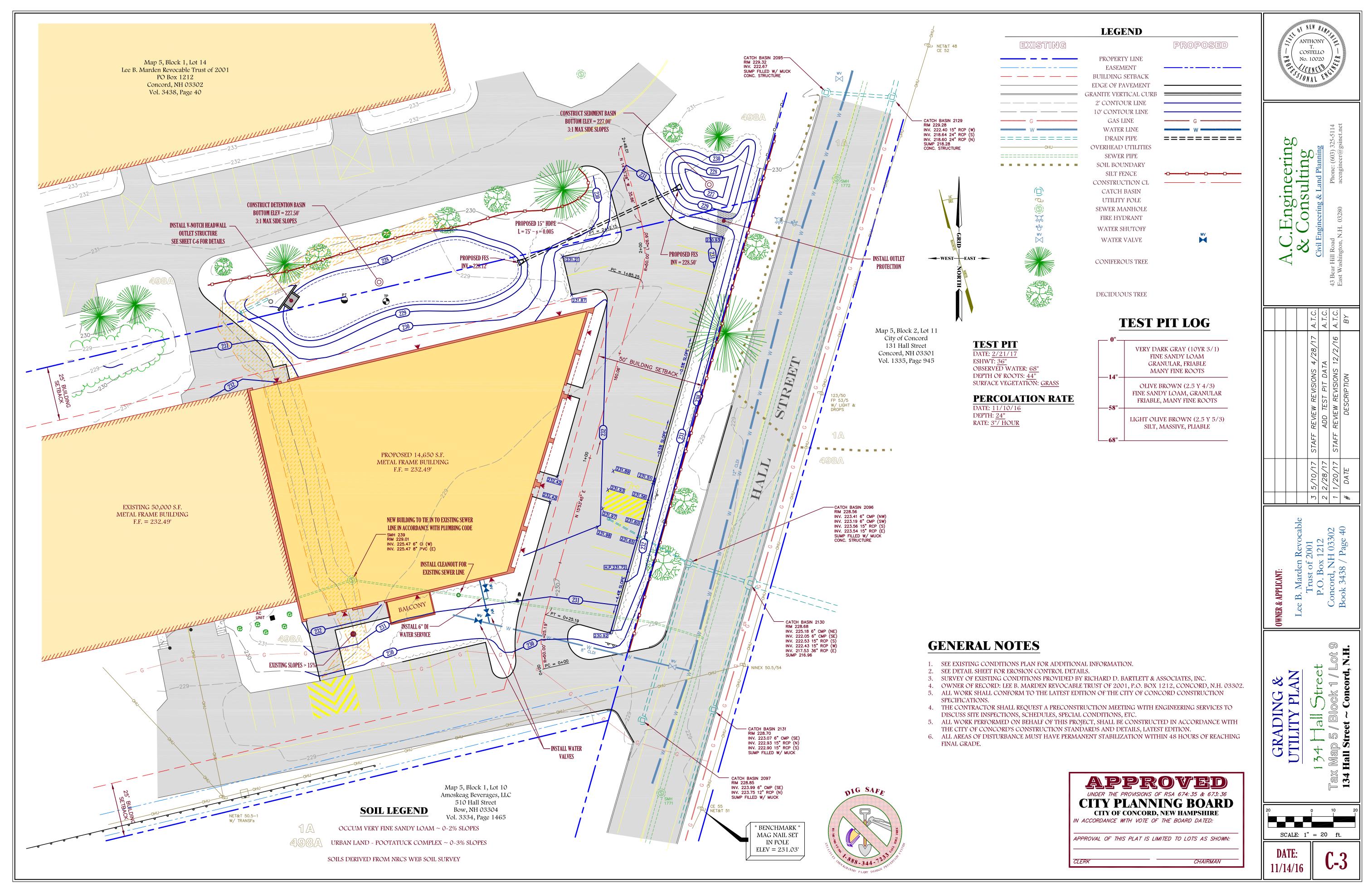
DATE:

11/14/16

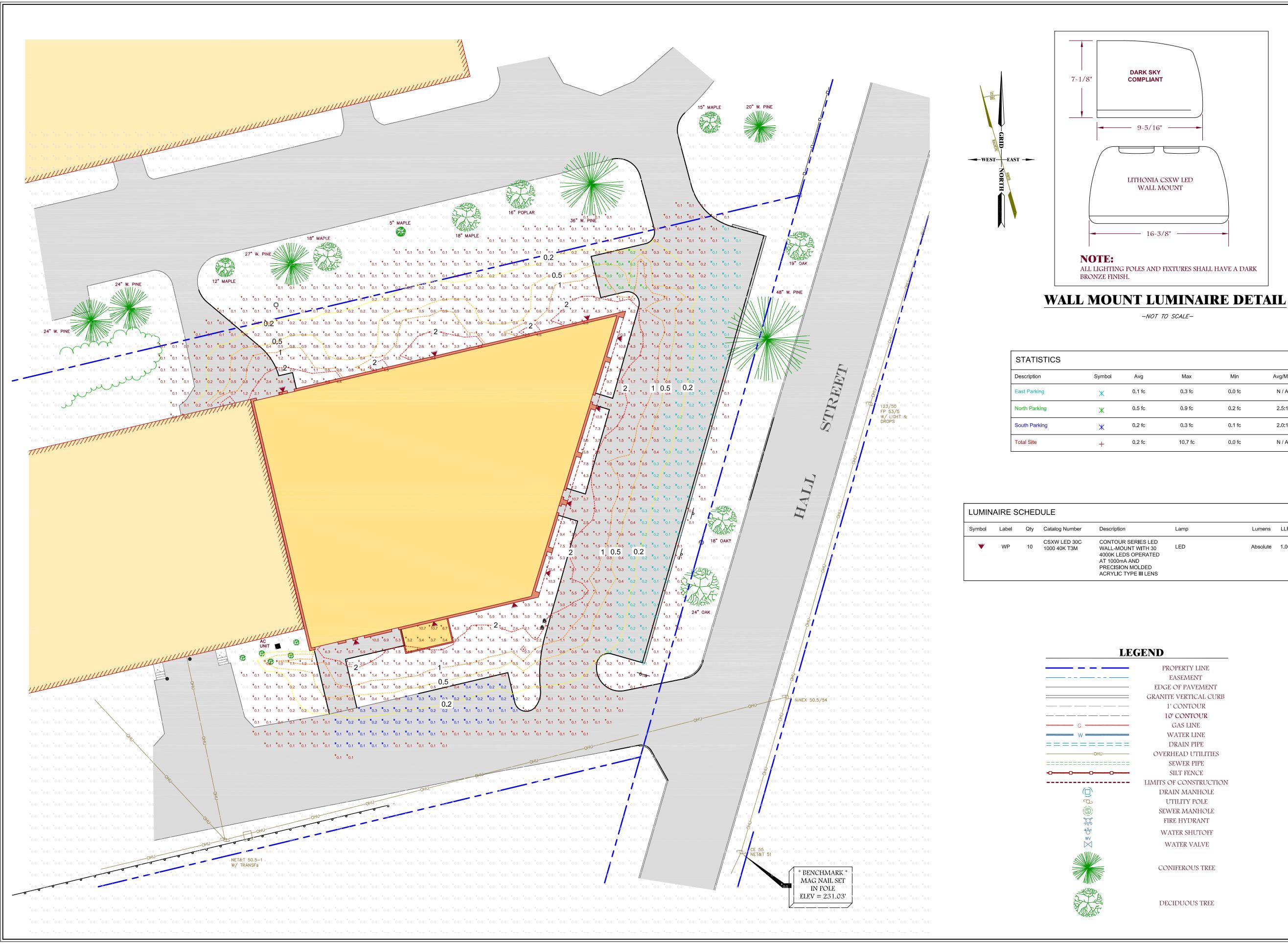
SCALE: 1'' = 20 ft.

C J

U-Z



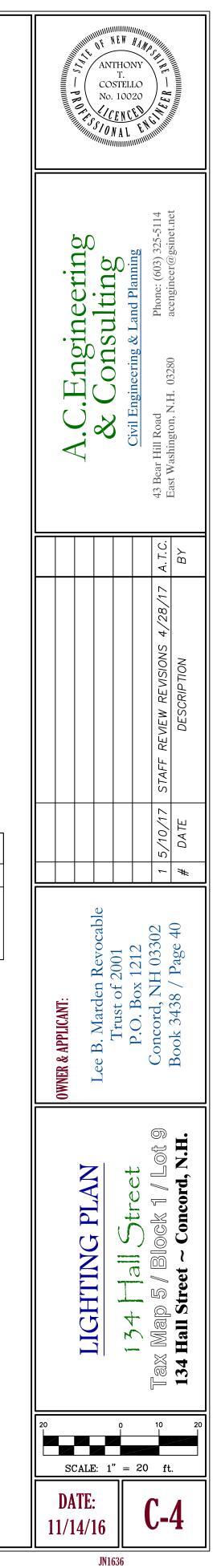
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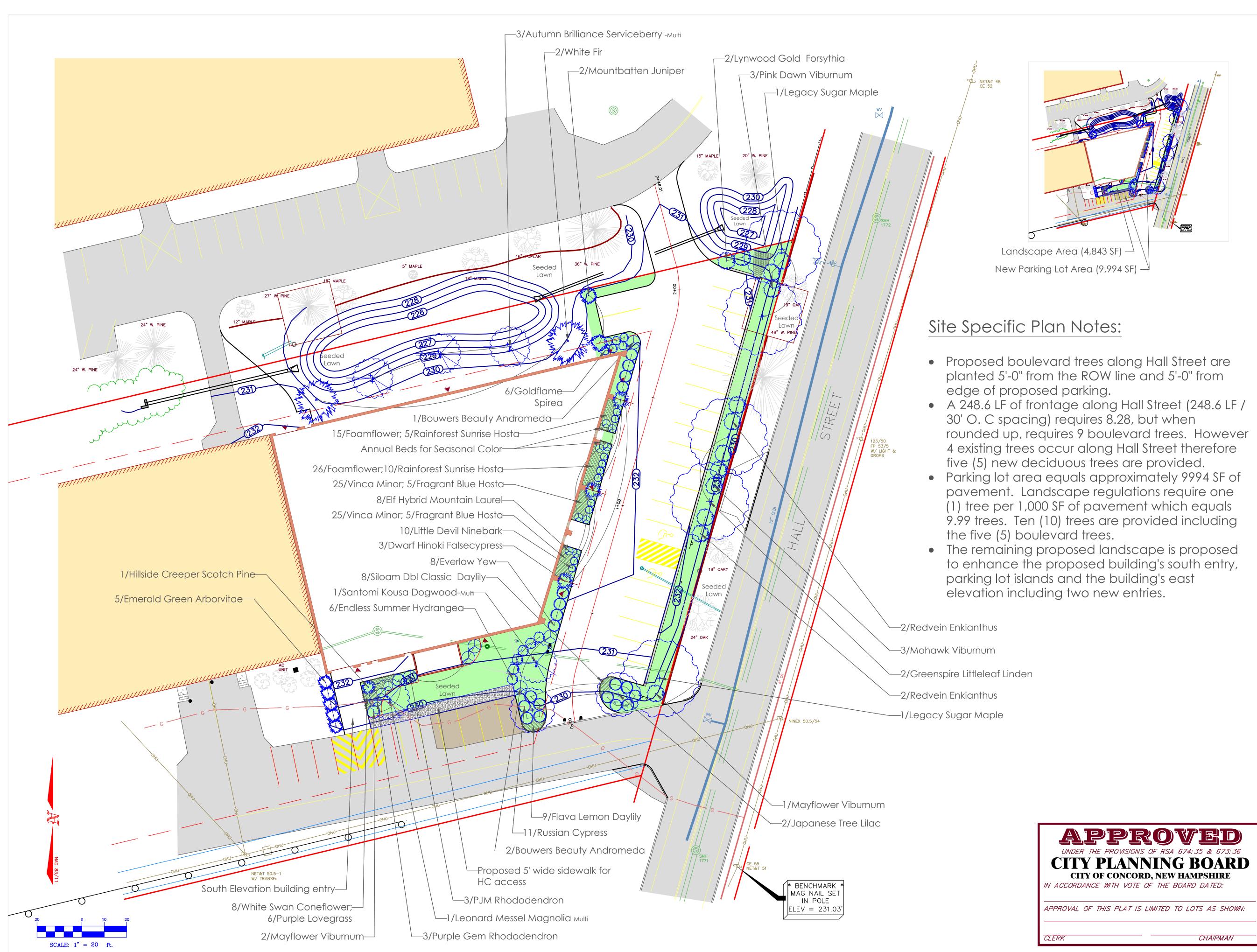


Symbol	Avg	Max	Min	Avg/Min
ж	0.1 fc	0.3 fc	0.0 fc	N / A
ж	0.5 fc	0.9 fc	0.2 fc	2.5:1
ж	0.2 fc	0.3 fc	0.1 fc	2.0:1
+	0.2 fc	10.7 fc	0.0 fc	N / A

۶r	Description	Lamp	Lumens	LLF	Watts
0	CONTOUR SERIES LED WALL-MOUNT WITH 30 4000K LEDS OPERATED AT 1000mA AND	LED	Absolute	1.00	104

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70 New Road Salisbury, NH 03268 tel/fax: 603.648.6434 web: www.g2plus1.com

Project Name:

134 Hall Street Tax Map 5 Block 1 Lot 8 Concord, New Hampshire 03801

Applicant/Owner of Record:

Lee B. Marden Revocable Trust of 2001

> P.O. Box 1212 Concord, NH 03302 Book 2720 / Page 541

Project Engineer:



43 Bear Hill Road

Phone: (603) 325-5114 East Washington, NH 03280 acengineer@gsinet.net

For City Approval

registration:



revisions:

	date	
1	6/6/17	Revised per discussions with
2		City
3		
4		
5		
6		
7		
8		

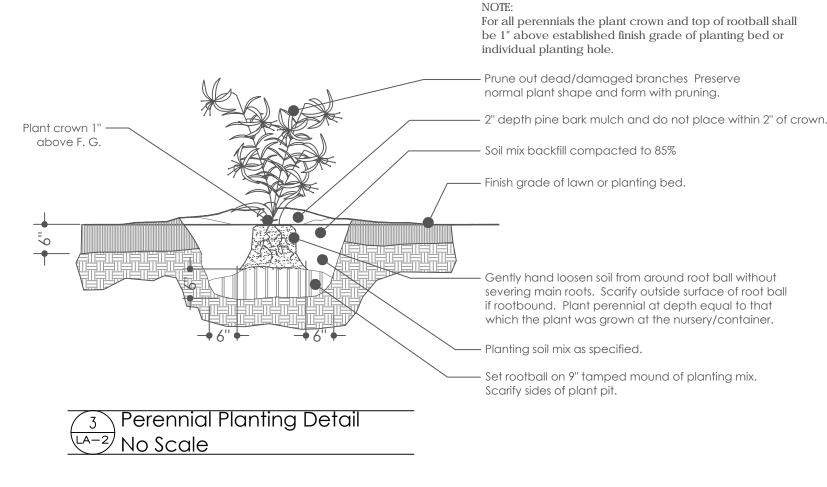
project number: 1291.0

scale:	1=20	
drawn by:	dhg	
date:	1/24/2017	

sheet title/number:

Overall Landscape Plan





Plant Schedule

For all perennials the plant crown and top of rootball shall be 1" above established finish grade of planting bed or individual planting hole.

Prune out dead/damaged branches Preserve

normal plant shape and form with pruning.

- Soil mix backfill compacted to 85%

— Finish grade of lawn or planting bed.

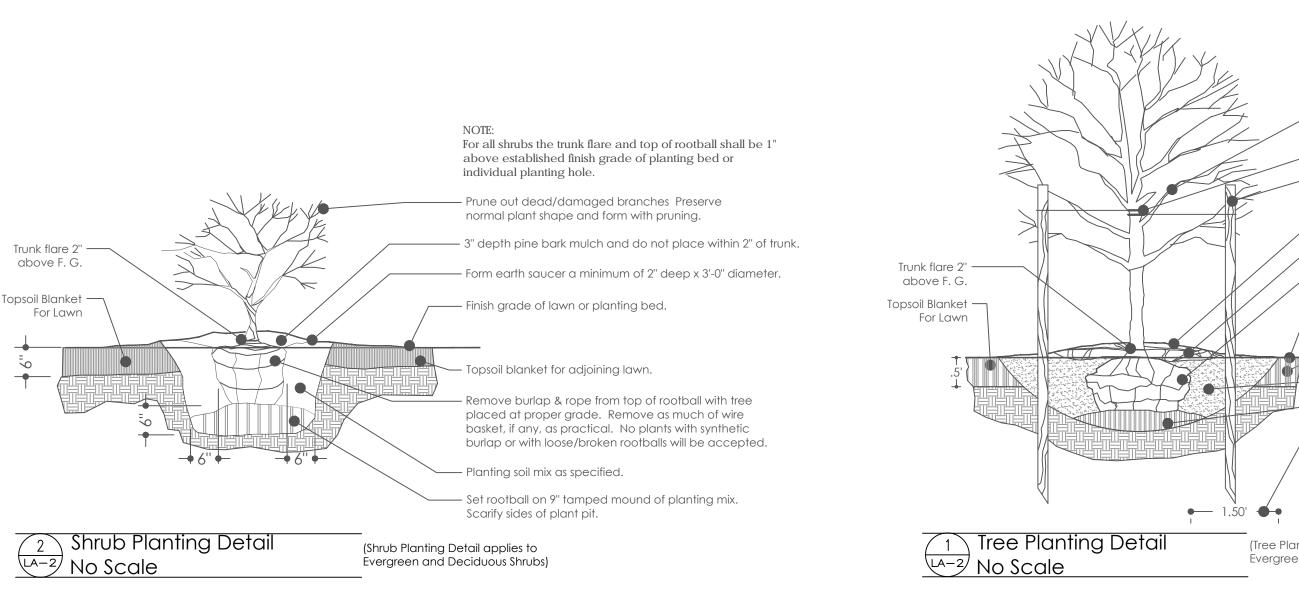
Sently hand loosen soil from around root ball without severing main roots. Scarify outside surface of root ball if rootbound. Plant perennial at depth equal to that which the plant was grown at the nursery/container.

Planting soil mix as specified.

Set rootball on 9" tamped mound of planting mix. Scarify sides of plant pit.



6/6/2017



124.11-11		Dericadic							6/6/20
		et Development							
Concord,	NH								
Sym	Otv	Common Name	Botanical Name	Zone		f Growth	Installed Size	Type	Notes
	-			Zone	neight	spreau	installed Size	Type	Notes
Large,	-	eciduous Trees							
LSM	-	Legacy Sugar Maple	Acer saccharinum 'legacy'	3	50-60'		2-1/2-3" cal.		
LLL	2	Greenspire Littleleaf Linden	Tilia cordata 'greenspire'	3	60-70'	30-45'	2-1/2-3" cal.	B&B	Good street tree, tolerates poor soil condition
Small	A	ccent Flowering Trees							
LMM		1	Magnolia loebneri 'leonard messel'	4	15-20'	10-15'	7'-8' ht.	B&B	Vigorous/hardy, star like petals
JTL	-	Japanese Tree Lilac	Syringa reticulata	3	20-30'		2-1/2-3" cal.	B&B	
ABS		Autumn Brilliance Serviceberry	Amelanchier x grandiflora 'autumn brilliance		25'		7'-8' ht.	B&B	
SKD	-	Santomi Kousa Dogwood	Cornus kousa 'satomi'	5	15-20'	10-15'			Reddish purple fall foliage, exfoliating bark
-									
		en Trees & Accent Ever							
CNCF		White Fir	Abies concolor	3	30-50'		6'-7' ht.		Soft blue green foliage
EGA	-	Emerald Green Arborvitae	Thuja occidentalis 'smaragd'	3	15-20'		6'-7' ht.		columnar, narrow base, shade tolerant
MTB	-	Mountbatten Juniper	Juniperus chinensis 'mountbatten'	4	15'	6'			columnar, unique spiral form
HFS	3	Dwarf Hinoki Falsecypress	Chamaecyparis obtusa 'nana gracilis'	4	5-6'	4-5'	2'-3 1/2' ht.	B&B	Thick, curved dense fans of foliage
Low. I	Eve	ergreen Ground Cover						- 1	
HSCP		Hillside Creeper Scotch Pine	Pinus sylvestris 'hillside creeper'	3	1-2'	6-8'	3' spd.	B&R	Vigorous accent, Orange-brown bark
ELY		Ever-Low Yew	Taxus media 'ever-low'	4	1.5'	4-6'	18"-24" spd.		Hardy, shade tolerant
RSCP	-	Russian Cypress	Microbiata decussata	2	1.5	4-5'	18"-24" spd.		Sun and Shade tolerant
noor				-	12	+5	10 24 504.	CITA	Sanana Shade toterane
Accen	t/I	Flowering Evergreen S	hrubs						
BBA	3	Brouwer's Beauty Andromeda	Pieris 'brouwer's beauty'	5	4-5'	4'-5'	2'-3' ht.	B&B	Very hardy, dense and compact growth
PRG		Purple Gem Rhododendron	Rhododendron 'Purple gem'	4	2'	4'	3 gal.		full sun, hardy, low
PJM	-	PJM Rhododendron	Rhododendron 'PJM'	4	6-8'	6'	3'-3 1/2' ht.		full sun, hardy
MTL.5	8	Elf Hybrid Mountain Laurel	Kalmia latifolia 'elf'	4	3'	3'	5 gal.		Small Accent, compact form
		FI		-		-			
	-	us Flowering Shrubs							
GFS		Gold Flame Spirea	Spirea x bumalda 'gold flame'	4	2-3'				New foliage mottled with red/copper/orange
FLH-3		Endless Summer Hydrangea	Hydrangea macrophylla 'blushing bride'	4	3-4'	3-4'			Sun and partial shade, winter hardy
LDN	-	Little Devil Ninebark	Physocarpus opulifolius 'little devil'	3	3-4'	3-4'	5 gal.		sun, compact, rounded growth, Shade toleran
MFV	-	Mayflower Viburnum	Viburnum carlesi	4	6-8'	6-8'			shade tolerant, wetland
LNGF	-	Lynwood Gold Forsythia	Forsythia 'lynwood gold'	4	6-8'	6-8' 6-8'			sun, hardy
RVE	4	Redvein Enkianthus	Enkianthus campanulatus	4	8-10'			B&B	
PNKV MOV	3	Pink Dawn Viburnum Mohawk Viburnum	Viburnum bodnantense 'pink dawn' Viburnum burkwoodii 'mohawk'	3	10' 6-8'	7' 6-7'			Upright form Hardy and fragrant
NOV	5			4	0-0	0-7	5-4 III.	DQD	Hardy and ragrant
Peren	nia	als/Seasonal Color						- 1	
S - Sun; S/	'Sh - 9	Sun/Shade; S/PSh - Sun and Part Shade;	PSh - Part Shade; PSh/Sh - Part Shade/Shade				-		
Sum	Qty	Common Name	Botanical Name	Zone		f Growth Spread	Туре	Size	Features Ht., Exposure, Bloom Period, Color
Sym GC.A-3		Daylily	Hemerocallis flava - 'Lemon Lily'	Zone	neight	spread	1 yr. potted		36", S/PSh, June/July, Lemon Yellow
GC.A-9		Daylily	Hemerocallis flava 'Siloam Dbl. Classic'	1		-	1 yr. potted		18", S/PSh, June, Double Soft Salmon Pink
	-	Purple Lovegrass	Eragrostis spectabilis	-					18"-24", S, Aug/Oct, bronze-red seed heads
		White Coneflower	Echinacea purpurea 'White Swan'				1 yr. potted	-	18"-24",S/PSh, June/Sept, White
DCGR-4	-	wince conchower	Vinca minor 'atropurpurea'	3	6"	2-4'			Glossy dark green, plum purple Flower
DCGR-4 GC.C-3	8	Myrtle				4 7		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6"-12", PSh, May/June, White, Woodland
DCGR-4 GC.C-3 VINCA	8 50	Myrtle Foamflower			1		1 vr. notted	2 111	a a from may rate, white, would hu
DCGR-4 GC.C-3 VINCA GC-AA	8 50 41	Foamflower	Tiarella cordifolia				1 yr. potted		10". S/PSh. July, Lavender
DCGR-4 GC.C-3 VINCA	8 50 41 15						1 yr. potted 1 yr. potted 1 yr. potted	1 gal.	10", S/PSh, July, Lavender 18", S/PSh, July-Aug, Pale Lavender
DCGR-4 GC.C-3 VINCA GC-AA GC.H-7	8 50 41 15	Foamflower Hosta	Tiarella cordifolia Rainforest Sunrise Hosta				1 yr. potted	1 gal.	
DCGR-4 GC.C-3 VINCA GC-AA GC.H-7 GC.H-8	8 50 41 15 10	Foamflower Hosta	Tiarella cordifolia Rainforest Sunrise Hosta				1 yr. potted	1 gal.	
DCGR-4 GC.C-3 VINCA GC-AA GC.H-7 GC.H-8	8 50 41 15 10	Foamflower Hosta Hosta	Tiarella cordifolia Rainforest Sunrise Hosta				1 yr. potted	1 gal.	
DCGR-4 GC.C-3 VINCA GC-AA GC.H-7 GC.H-8 Notes 1.) All p	8 50 41 15 10	Foamflower Hosta Hosta	Tiarella cordifolia Rainforest Sunrise Hosta Fragrant Blue Hosta minimum of 3" of shredded pine bark mulch.				1 yr. potted	1 gal.	
DCGR-4 GC.C-3 VINCA GC-AA GC.H-7 GC.H-8 Notes 1.) All p 2.) All s	8 50 41 15 10	Foamflower Hosta Hosta ting beds shall be mulched with a	Tiarella cordifolia Rainforest Sunrise Hosta Fragrant Blue Hosta minimum of 3" of shredded pine bark mulch. minimum 6" topsoil blanket.				1 yr. potted	1 gal.	
DCGR-4 GC.C-3 VINCA GC-AA GC.H-7 GC.H-8 Notes 1.) All p 2.) All s 3.) All r	8 50 41 15 10	Foamflower Hosta Hosta ting beds shall be mulched with a and/or seeded lawn areas to have ye grass seeded areas to have mir	Tiarella cordifolia Rainforest Sunrise Hosta Fragrant Blue Hosta minimum of 3" of shredded pine bark mulch. minimum 6" topsoil blanket.		0.1-2006.		1 yr. potted	1 gal.	
DCGR-4 GC.C-3 VINCA GC-AA GC.H-7 GC.H-8 Notes 1.) All p 2.) All s 3.) All r 4.) All p	8 50 41 15 10 	Foamflower Hosta Hosta ting beds shall be mulched with a and/or seeded lawn areas to have we grass seeded areas to have mir t material to conform to current A	Tiarella cordifolia Rainforest Sunrise Hosta Fragrant Blue Hosta minimum of 3" of shredded pine bark mulch. minimum 6" topsoil blanket. himum 4" topsoil blanket.	51 Z60	0.1-2006.		1 yr. potted	1 gal.	
DCGR-4 GC.C-3 VINCA GC-AA GC.H-7 GC.H-8 Notes 1.) All p 2.) All p 3.) All r 4.) All p 5.) All r	8 50 41 15 10 Solam sod a nativ blam	Foamflower Hosta Hosta ting beds shall be mulched with a and/or seeded lawn areas to have ye grass seeded areas to have min t material to conform to current Au s planted shrub beds and planters	Tiarella cordifolia Rainforest Sunrise Hosta Fragrant Blue Hosta minimum of 3" of shredded pine bark mulch. minimum 6" topsoil blanket. mimum 4" topsoil blanket. AN, American Standard for Nursery Stock, ANS	51 Z60	0.1-2006.		1 yr. potted	1 gal.	
DCGR-4 GC.C-3 VINCA GC-AA GC.H-7 GC.H-7 GC.H-8 Notes 1.) All p 2.) All s 3.) All p 5.) All p 5.) All p	8 50 41 15 10 sod an sod a nativ blan mass	Foamflower Hosta Hosta ting beds shall be mulched with a and/or seeded lawn areas to have we grass seeded areas to have min t material to conform to current Au s planted shrub beds and planters opsoil blanket to compensate for t	Tiarella cordifolia Rainforest Sunrise Hosta Fragrant Blue Hosta minimum of 3" of shredded pine bark mulch. minimum 6" topsoil blanket. himum 4" topsoil blanket. AN, American Standard for Nursery Stock, ANS around building shall receive a minimum 18"	5I Z60	0.1-2006.		1 yr. potted	1 gal.	



Planting Notes

- 1. Design is based on drawings by A. C. Engineering & Consulting, dated November 14, 2016 and may require adjustment due to actual field conditions.
- 2. This project shall comply with the City of Concord NH Construction Standards and Details.
- 3. The contractor shall follow best management practices during construction and shall take all means necessary to stabilize and protect the site from erosion
- 4. Erosion Control shall be in place prior to construction.
- 5. If discrepancies exist between the number of plants drawn on the planting plan and the number of plants in the plant list, the planting plan shall govern.
- 6. All new plant material shall conform to the minimum guidelines established for nursery stock published by the American Association of Nurserymen, Inc. In addition all new plant material for the project shall be of specimen quality.
- 7. All new plants to be balled and burlapped or container grown, unless otherwise noted on the plant list. All plants shall be legibly tagged with the proper botanical name.
- 8. The contractor shall supply all new plant material in quantities sufficient to complete the planting shown on the drawings.
- 9. Any proposed substitutions of plant species shall be made with plants of equivalent overall form, height, branching habit, flower leaf, color, fruit and culture, and only after written approval of the Landscape Architect.
- 10. Contractor shall locate and verify all existing utility lines prior to planting and shall report any conflicts to the Landscape Architect.
- 11. Stake the location of all proposed plantings for approval by Landscape Architect prior to the commencement of planting.
- 12. New shrubs and ground cover shall bear the same relationship to grade as it bore to previous grade. Trees shall be set 2" higher than previous grade. No tress shall be planted before acceptance of rough grading.
- 13. All plant beds to receive two inches (3") of bark mulch. Bark mulch shall be one year old, well composted, shredded native bark not longer than 4" in length and 1/2" in width, free of woodchips and sawdust. Mulch for ferns and herbaceous perennial shall be no longer than 1" in length. Trees in lawn areas shall be mulched in a 6' diameter minimum saucer. Color of mulch shall be dark brown. Red, orange/red or black colored mulch is not acceptable.
- 14. Landscape (weed) fabric is not allowed.
- 15. All existing trees to remain shall be properly protected during construction. Protection techniques shall be reviewed and approved by the Landscape Architect.
- 16. Prune trees in accordance to guidelines established for nursery stock published by the American Association of Nurserymen, Inc.
- 17. All disturbed areas will be dressed with 6" of topsoil and planted as noted on the plans or seeded except plant beds. Plant beds shall be prepared to a depth of 12" with 75% loam and 25% of 1/4" minus composted bark mulch compost.
- 18. All alterations to these drawings made in the field during construction shall be recorded by the contractor on "as-built drawings."
- 19. There shall be a full one (1) year replacement guarantee for all trees and shrubs after final acceptance of initial planting.

APPROVED UNDER THE PROVISIONS OF RSA 674:35 & 673:36 **CITY PLANNING BOARD CITY OF CONCORD, NEW HAMPSHIRE** IN ACCORDANCE WITH VOTE OF THE BOARD DATED: APPROVAL OF THIS PLAT IS LIMITED TO LOTS AS SHOWN:

CHAIRMAN

NOTE:

- For all trees the trunk flare and top of rootball shall be 2" above established finish grade of planting bed or individual planting hole.
- Prune out dead/damaged branches Preserve normal plant shape and form with pruning.
- Use adjustable tree ties for anchoring tree to stakes. - Stake with three 2" x 2" wooden stakes placed @120°. Drive stakes in at an angle and bring to plumb when securing tree ties. Do not pierce rootball.
- Form earth saucer a minimum of 2" deep x 3'-0" diameter
- 3" depth pine bark mulch and do not place within 2" of trunk. - Remove burlap & rope from top of rootball with tree placed at proper grade. Remove as much of wire basket, if any, as practical. No plants with synthetic burlap or with loose/broken rootballs will be accepted.
- Finish grade of lawn or planting bed. Topsoil blanket for adjoining lawn
- Planting soil mix as specified.
- Set rootball on 9" tamped mound of planting mix. Scarify sides of plant pit. Compact to 92% density.
- Form planting pit width @ 1.5 times the ball diameter or a minimum of 2' minimum width on each side. Construct in a 'saucer' shape as shown.

(Tree Planting Detail applies to Evergreen and Deciduous Trees)

Landscape Architecture Site Planning

70 New Road Salisbury, NH 03268 tel/fax: 603.648.6434 web: www.g2plus1.com

Project Name:

134 Hall Street Tax Map 5 Block 1 Lot 8 Concord, New Hampshire 03801

Applicant/Owner of Record:

Lee B. Marden Revocable Trust of 2001 P.O. Box 1212

Concord, NH 03302 Book 2720 / Page 541

Project Engineer:

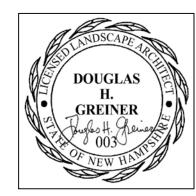


43 Bear Hill Road East Washington, NH 03280 acengineer@gsinet.net

Civil Engineering & Land Planning Phone: (603) 325-5114

For City Approval

registration:



revisions: no.date | 1 |6/6/17 Revised per discussions with

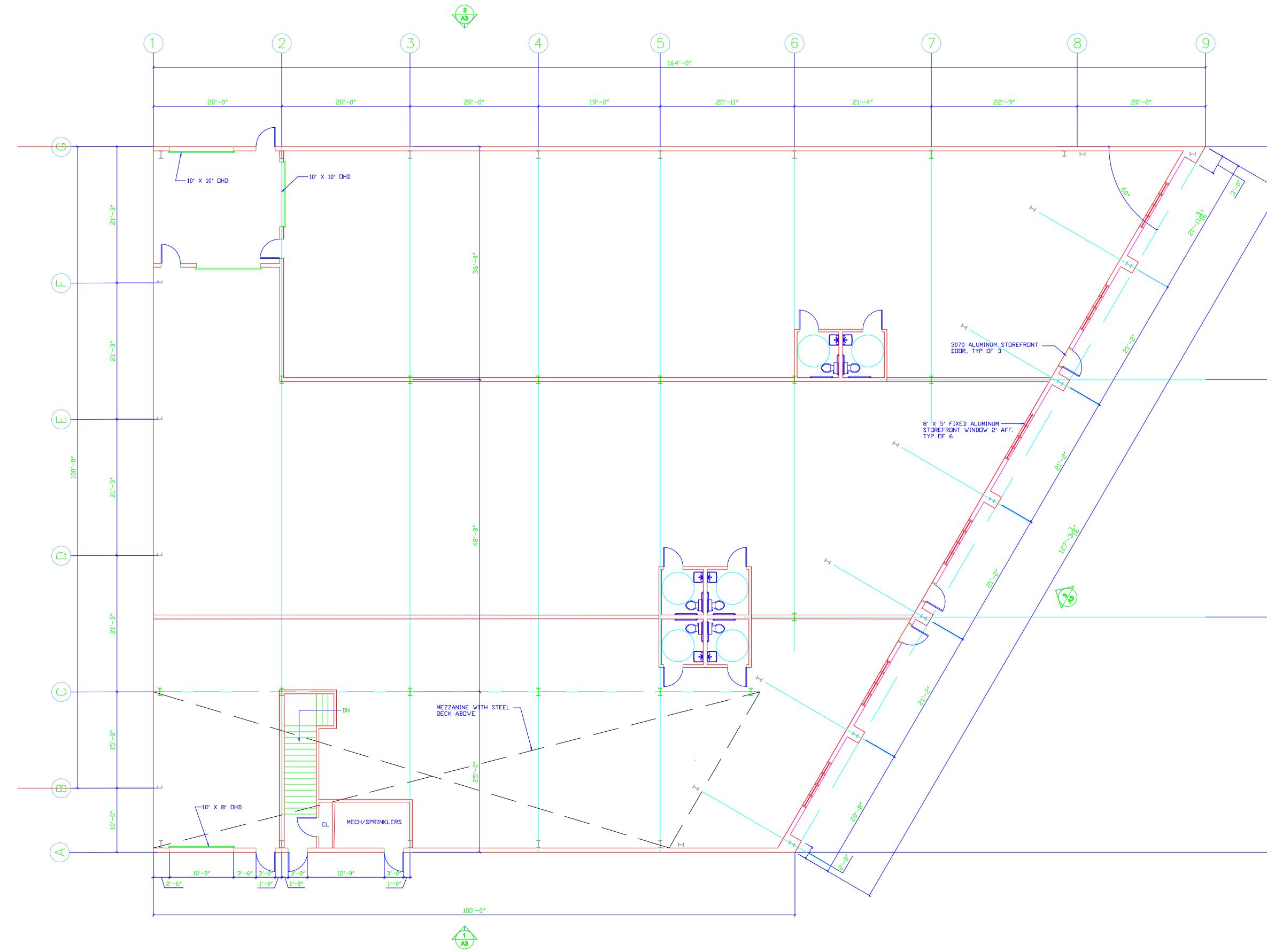
2		City	
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proj	ectnu	umber: 1291.0	_

issued

scale: NA dhg drawn by: date: 1/24/2017

sheet title/number:

Construction Details & Plant Schedule LA-1.1



CONCORD, N.H.
PLYMOUTH, N.H. 603-536-3533



