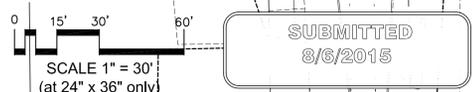
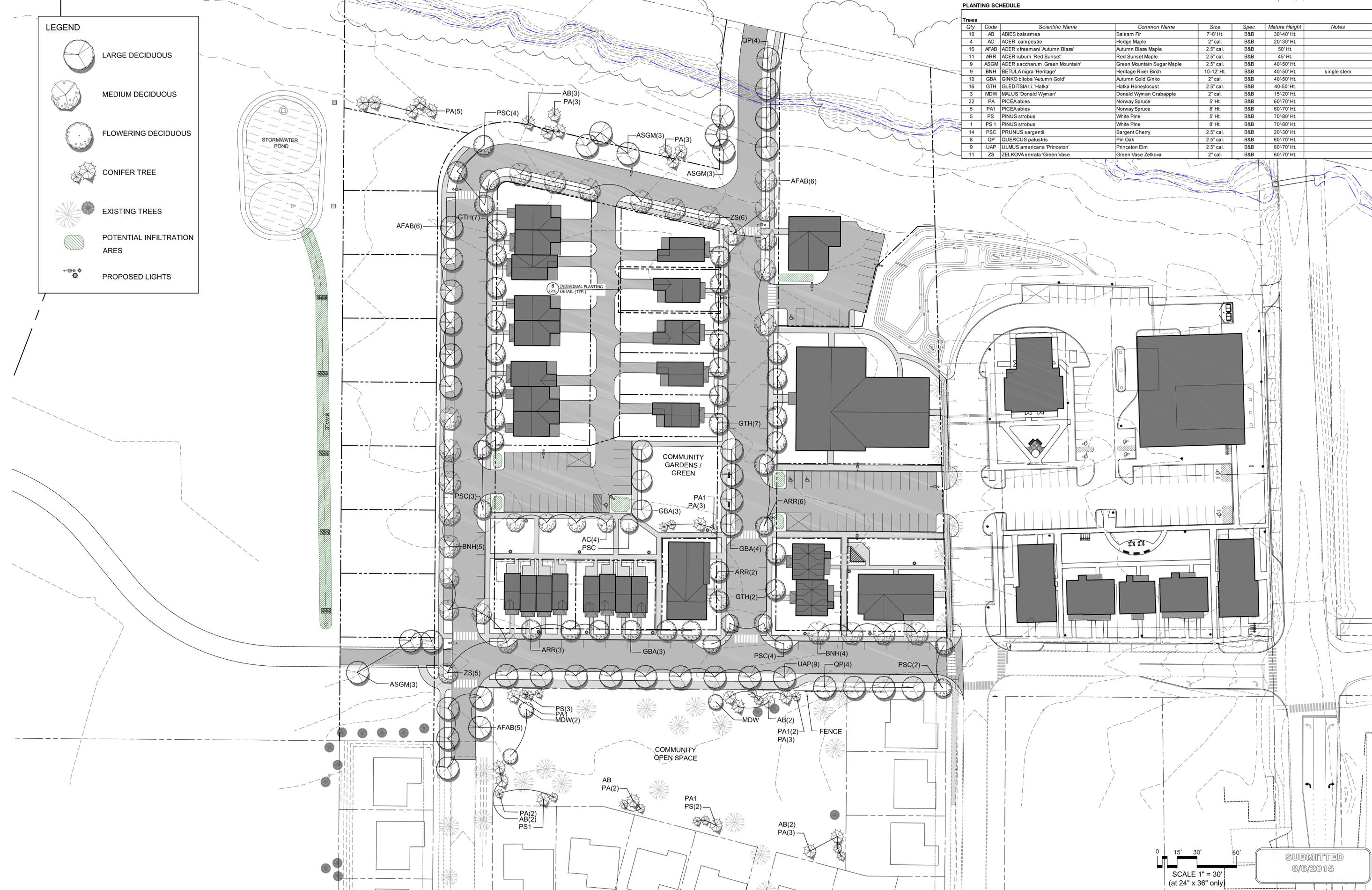


**LEGEND**

-  LARGE DECIDUOUS
-  MEDIUM DECIDUOUS
-  FLOWERING DECIDUOUS
-  CONIFER TREE
-  EXISTING TREES
-  POTENTIAL INFILTRATION AREAS
-  PROPOSED LIGHTS

**PLANTING SCHEDULE**

Qty	Code	Scientific Name	Common Name	Size	Spec	Mature Height	Notes
10	AB	ABIES balsamea	Balsam Fir	7'-8' Ht.	B&B	30'-40' Ht.	
4	AC	ACER campestre	Hedge Maple	2" cal.	B&B	20'-30' Ht.	
16	AFAB	ACER x freemani 'Autumn Blaze'	Autumn Blaze Maple	2.5" cal.	B&B	50' Ht.	
11	ARR	ACER rubrum 'Red Sunset'	Red Sunset Maple	2.5" cal.	B&B	45' Ht.	
9	ASGM	ACER saccharum 'Green Mountain'	Green Mountain Sugar Maple	2.5" cal.	B&B	40'-50' Ht.	
9	BNH	BETULA nigra 'Heritage'	Heritage River Birch	10-12' Ht.	B&B	40'-50' Ht.	single stem
10	GBA	GINKGO biloba 'Autumn Gold'	Autumn Gold Ginkgo	2" cal.	B&B	40'-50' Ht.	
16	GTH	GLEDITSIA l. 'Haika'	Haika Honeylocust	2.5" cal.	B&B	40'-50' Ht.	
3	MDW	MALUS 'Donald Wyman'	Donald Wyman Crabapple	2" cal.	B&B	15'-20' Ht.	
22	PA	PICEA abies	Norway Spruce	5' Ht.	B&B	60'-70' Ht.	
5	PA1	PICEA abies	Norway Spruce	8' Ht.	B&B	60'-70' Ht.	
5	PS	PINUS strobus	White Pine	5' Ht.	B&B	70'-80' Ht.	
1	PS 1	PINUS strobus	White Pine	8' Ht.	B&B	70'-80' Ht.	
14	PSC	PRUNUS sargentii	Sargent Cherry	2.5" cal.	B&B	20'-30' Ht.	
8	QP	QUERCUS palustris	Pin Oak	2.5" cal.	B&B	60'-70' Ht.	
9	UAP	ULMUS americana 'Princeton'	Princeton Elm	2.5" cal.	B&B	60'-70' Ht.	
11	ZS	ZELKOVA serrata 'Green Vase'	Green Vase Zelkova	2" cal.	B&B	60'-70' Ht.	



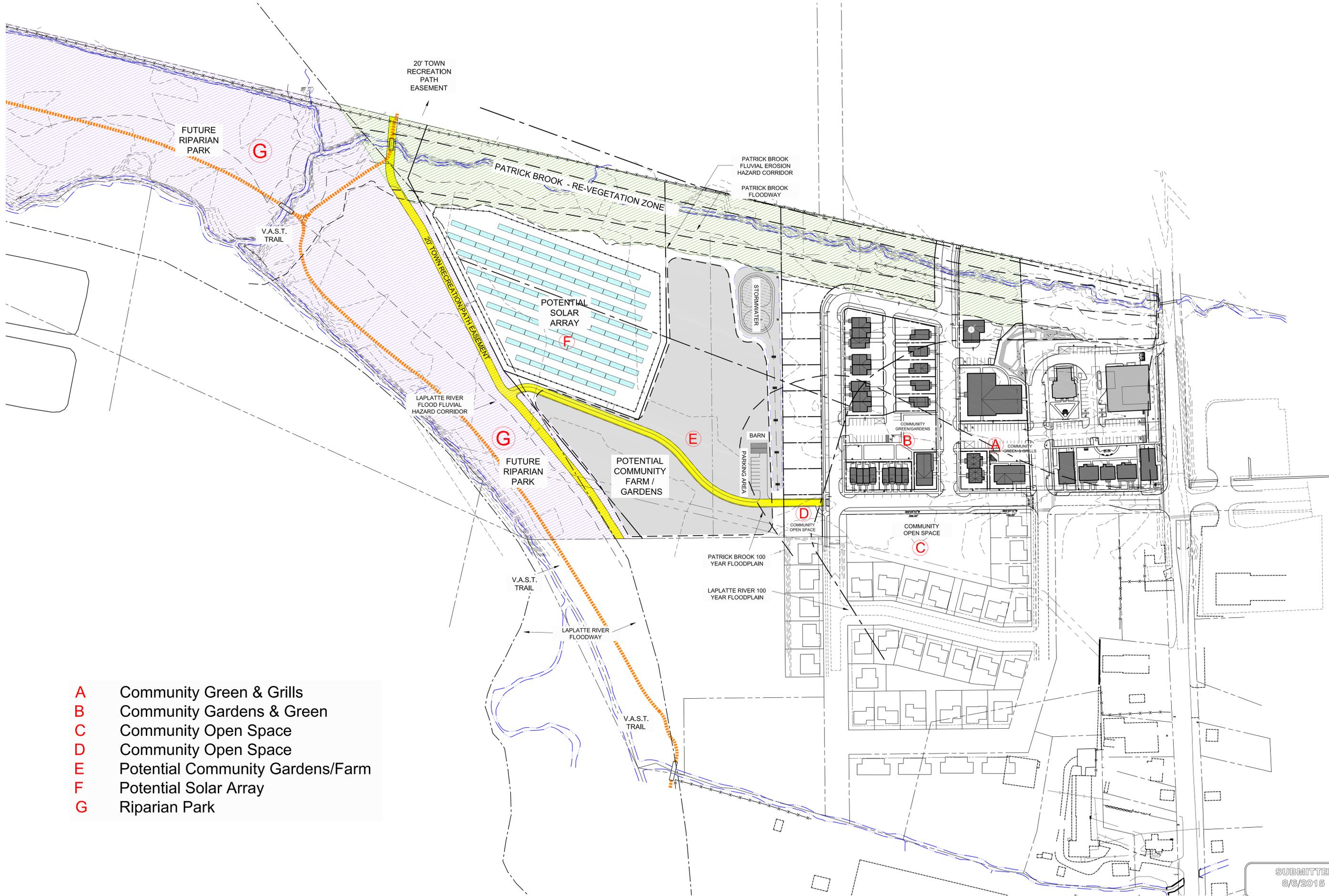
**T. J. Boyle Associates, LLC**

landscape architects • planning consultants  
 301 college street • burlington • vermont • 05401 802 • 658 • 3555 <http://www.tjboyle.com>

design by: MJB TKD  
 checked by: MJB scale: 1" = 40'  
 date: 6/29/2015

Hinesburg Center 2  
 Planting Plan Layout  
 sheet no: **L-100**

revisions	date	revisions	date
Submission for Sketch	06/19/2015		
Submission for Preliminary Plat	06/29/2015		



- A** Community Green & Grills
- B** Community Gardens & Green
- C** Community Open Space
- D** Community Open Space
- E** Potential Community Gardens/Farm
- F** Potential Solar Array
- G** Riparian Park

SUBMITTED  
8/6/2015

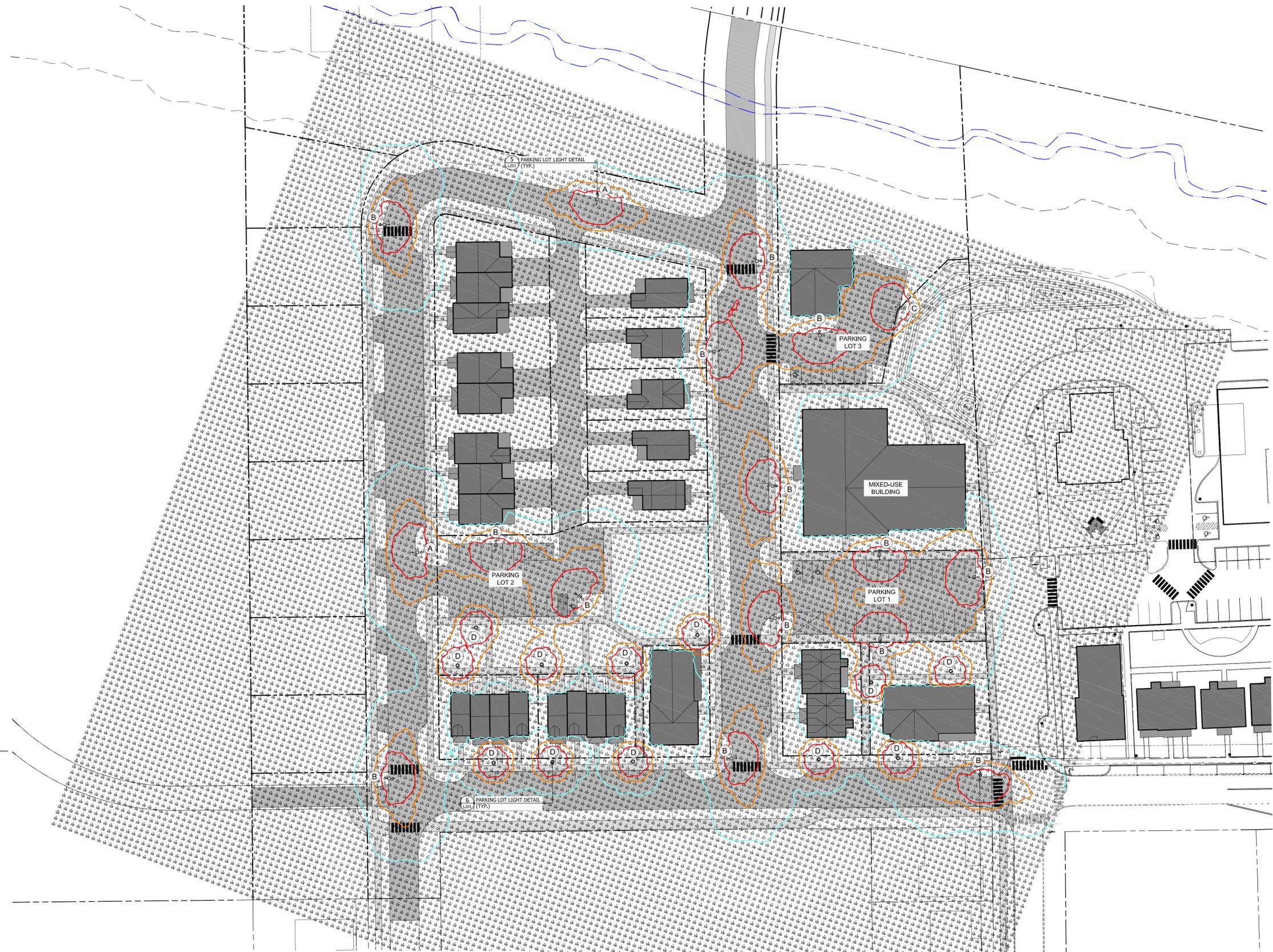
revisions	date
Initial Sketch Plan Submission	9/11/14
Sketch Plan Revision	2/19/15
Preliminary Plat Submission	6/29/15

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MJB design by TKD 6/29/2015  
 MJB checked by TKD date  
 scale 1" = 100'

**Hinesburg Center II**  
 Back Parcel Trails & Amenities

sheet no. **L-101**



**LEGEND**

- A 1.00 LIGHT LEVEL
- B 0.50 LIGHT LEVEL
- C 0.10 LIGHT LEVEL
- PROPOSED PARKING LOT/STREET LIGHT
- PROPOSED PEDESTRIAN LIGHT
- PROPOSED WALL MOUNTED LIGHT

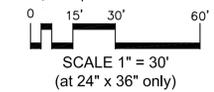
**ORDERING INFORMATION:**

PARKING/STREET LIGHTS - SWANEY LIGHTING (KIM LIGHTING)  
 ATTN: CHAD HURLBUT  
 (802) 363-0621  
 CHURLBUT@COMCAST.NET

**LUMINAIRE SCHEDULE**

LABEL	QTY	SYMBOL	MANUFACTURER/FIXTURE/ ORDERING INFO	LAMP	VOLTAGE	FINISH	OPTIONS	POLE	ARM	FINISH	OPTIONS	MOUNTING HT.	HEIGHT	WIDTH	EXT	HCWO	BASE
A	2	⊕	KIM LIGHTING ARCHETYPE SMALL PICOEMITTER LED (TYPE 2 DISTRIBUTION) SAR2E35-60L4K	60 WATT - LED ARRAY	120*	BL	PCR-TL	SH04-S-4M		BL		20'					
B	14	⊕	KIM LIGHTING ARCHETYPE SMALL PICOEMITTER LED (TYPE 3 DISTRIBUTION) SAR3E35-60L4K	60 WATT - LED ARRAY	120*	BL	PCR-TL	SH04-S-4M		BL		20'					
C	1	⊕	KIM LIGHTING ARCHETYPE SMALL PICOEMITTER LED (TYPE 4 DISTRIBUTION) SAR4E35-60L4K	60 WATT - LED ARRAY	120*	BL	PCR-TL	SH04-S-4M		BL		20'					
D	12	⊕	KIM LIGHTING PROVIDENCE SMALL LED PROS-36LED-BW	36 WATT - LED ARRAY	120*	BL		PR4-4R14		BLK		14'					

NOTE:  
 \* VOLTAGE TO BE VERIFIED BY ELECTRICAL ENGINEER PRIOR TO ORDERING



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8/6/2015

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north  
 MJB design by  
 TKD drawn by  
 6/29/2015 date  
 MJB checked by  
 scale 1" = 40'

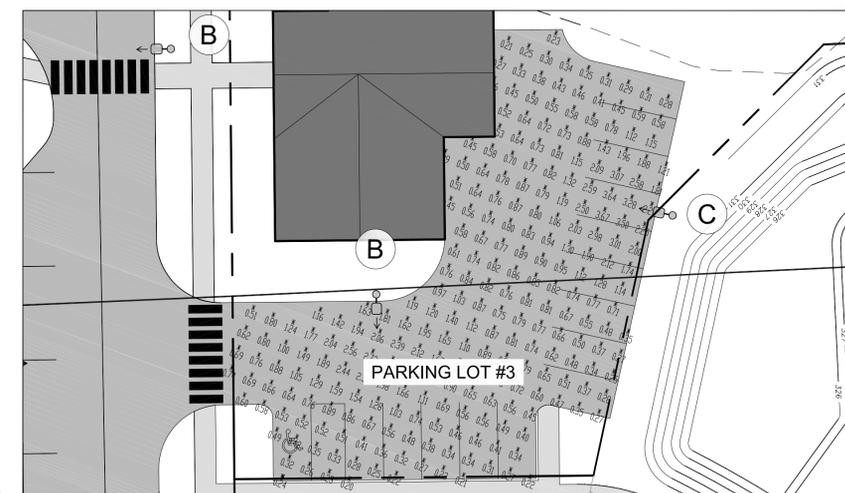
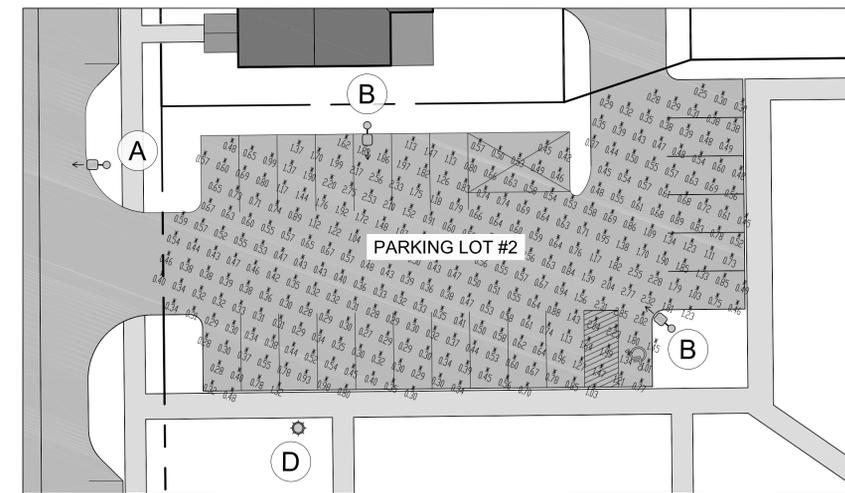
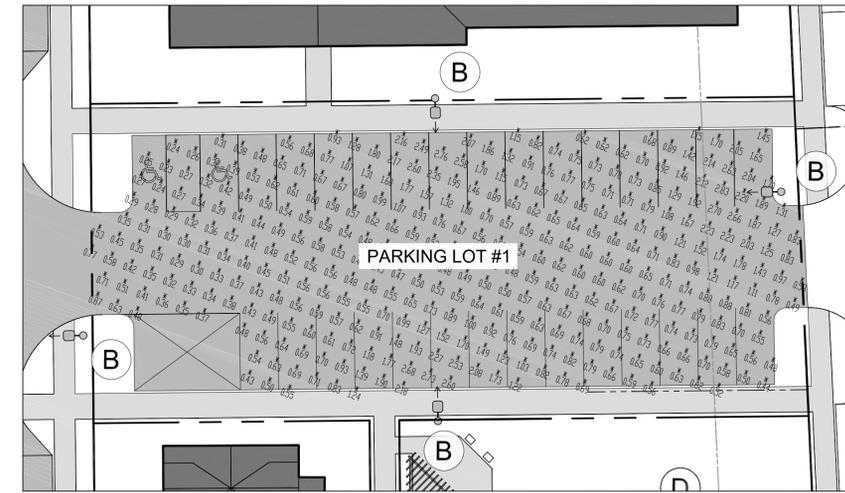
Hinesburg Center 2  
 Lighting Layout Plan

sheet no:  
**L-102**

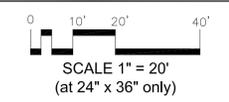
revisions	date	revisions	date
Submission for Preliminary Plat	06/29/2015		

**LIGHTING CALCULATIONS CHART**

DESCRIPTION	MAXIMUM	MINIMUM	AVG	MAX/MIN	AVE/MIN
PARKING LOT #1	2.83	0.23	0.86	12.21	3.68
PARKING LOT #2	2.85	0.25	0.79	11.50	3.21
PARKING LOT #3	3.67	0.20	0.95	18.41	4.75



1 PARKING LOT LIGHTING DETAIL  
L103 SCALE 1" = 20'



SUBMITTED  
8/6/2015

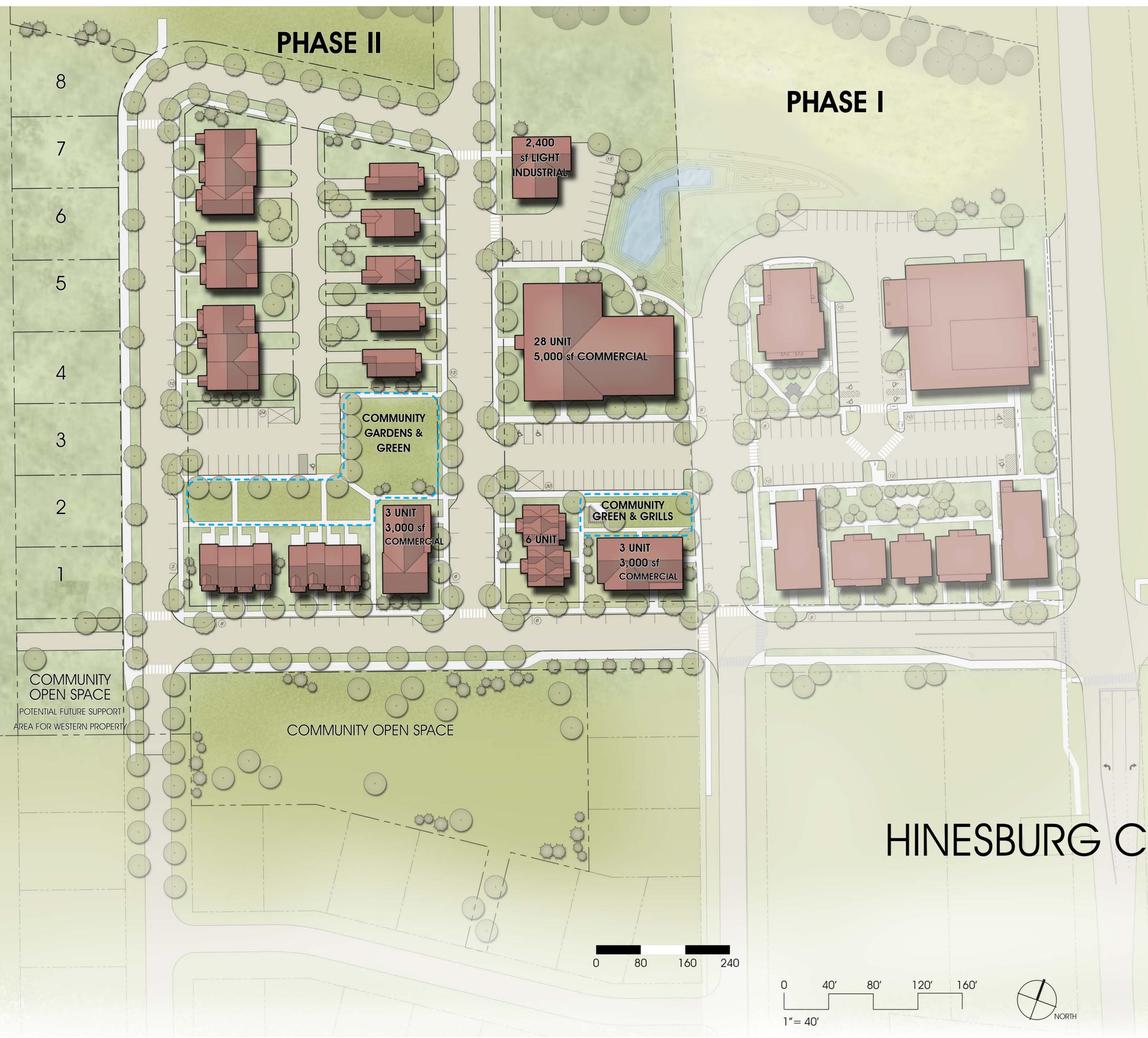
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 north  
 MJB design by  
 MJB checked by  
 TKD drawn by  
 As Shown scale  
 6/29/2015 date

Hinesburg Center 2  
 Lighting Layout Plan  
 sheet no: **L-103**

revisions	date	revisions	date
Submission for Preliminary Plat	06/29/2015		



**HINESBURG CENTER II UNIT COUNTS**

SINGLE FAMILY DETACHED	13
SINGLE FAMILY ATTACHED	16
ONE 6 UNIT BUILDING	6
ONE MIXED-USE 28 UNIT BUILDING	28
TWO MIXED-USE 3 UNIT BUILDINGS	6
<b>TOTAL UNITS</b>	<b>69</b>

**+/- 11,000 SF COMMERCIAL**  
**+/- 2,400 SF LIGHT INDUSTRIAL**

**HINESBURG CENTER II PARKING**

**PARKING REQUIREMENTS**

48 RESIDENTIAL UNITS x 2/UNIT*	96
11,000 SF COM. at 1/400 SF	27.5
2,400 SF IND. at 1/400 SF	6
<b>GROSS PARKING REQUIREMENT</b>	<b>129.5</b>
SHARED PARKING CREDIT**	-16
<b>TOTAL REQUIRED</b>	<b>113.5</b>

**TOTAL PARKING SHOWN**

OFF- STREET PARKING	69
ON - STREET PARKING	46
<b>TOTAL PARKING SHOWN</b>	<b>115</b>

NOTES

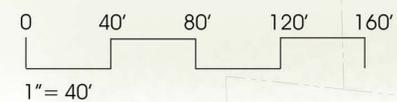
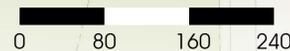
\* RESIDENTIAL UNITS WITH SHARED PARKING ONLY  
\*\* PER SHARED PARKING ANALYSIS

-20 UNITS WITH GARAGES INCLUDE 2 OR MORE OFF-STREET PARKING SPACES EACH

COMMUNITY OPEN SPACE  
POTENTIAL FUTURE SUPPORT AREA FOR WESTERN PROPERTY

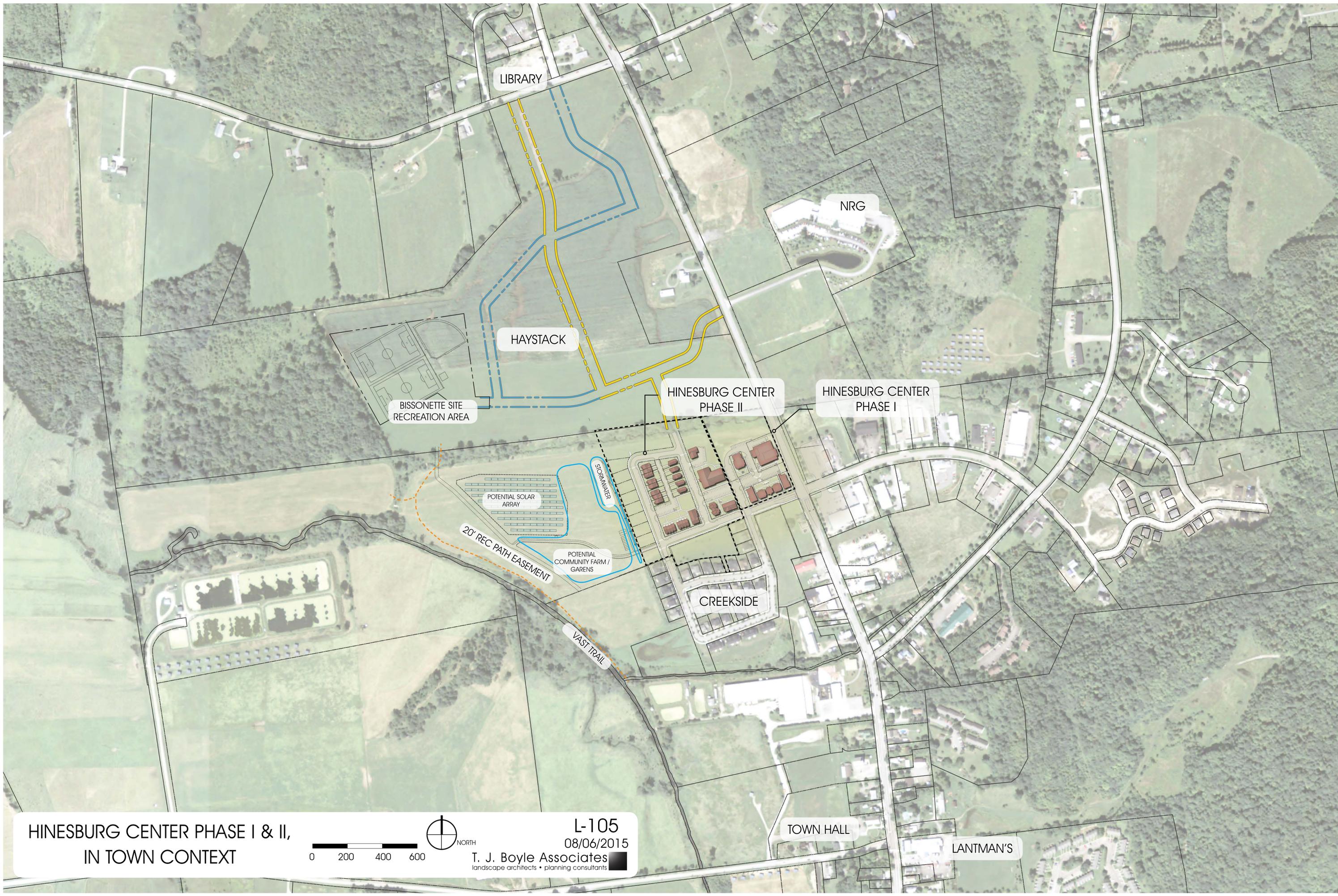
COMMUNITY OPEN SPACE

# HINESBURG CENTER II



L-104  
08/06/2015

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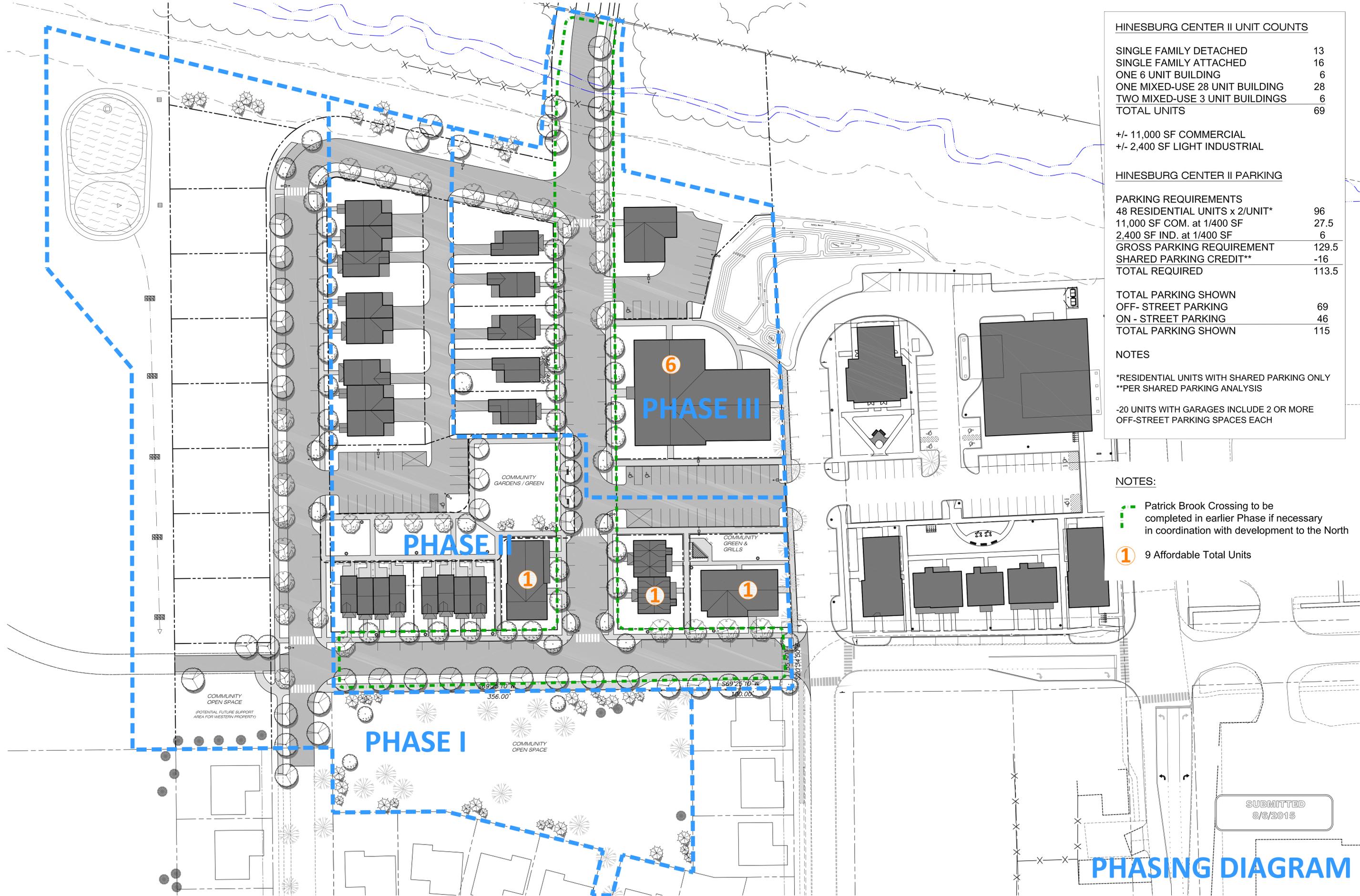


HINESBURG CENTER PHASE I & II,  
IN TOWN CONTEXT



L-105  
08/06/2015

T. J. Boyle Associates  
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**HINESBURG CENTER II UNIT COUNTS**

SINGLE FAMILY DETACHED	13
SINGLE FAMILY ATTACHED	16
ONE 6 UNIT BUILDING	6
ONE MIXED-USE 28 UNIT BUILDING	28
TWO MIXED-USE 3 UNIT BUILDINGS	6
<b>TOTAL UNITS</b>	<b>69</b>

+/- 11,000 SF COMMERCIAL  
+/- 2,400 SF LIGHT INDUSTRIAL

**HINESBURG CENTER II PARKING**

<b>PARKING REQUIREMENTS</b>	
48 RESIDENTIAL UNITS x 2/UNIT*	96
11,000 SF COM. at 1/400 SF	27.5
2,400 SF IND. at 1/400 SF	6
<b>GROSS PARKING REQUIREMENT</b>	<b>129.5</b>
SHARED PARKING CREDIT**	-16
<b>TOTAL REQUIRED</b>	<b>113.5</b>

<b>TOTAL PARKING SHOWN</b>	
OFF- STREET PARKING	69
ON - STREET PARKING	46
<b>TOTAL PARKING SHOWN</b>	<b>115</b>

**NOTES**

\*RESIDENTIAL UNITS WITH SHARED PARKING ONLY  
\*\*PER SHARED PARKING ANALYSIS

-20 UNITS WITH GARAGES INCLUDE 2 OR MORE OFF-STREET PARKING SPACES EACH

- NOTES:**
- Patrick Brook Crossing to be completed in earlier Phase if necessary in coordination with development to the North
  - ① 9 Affordable Total Units

SUBMITTED  
8/6/2015

# PHASING DIAGRAM

**TREE PROTECTION NOTES:**

1. PRIOR TO ANY CONSTRUCTION ACTIVITY, ALL TREE PRESERVATION MEASURES MUST BE IMPLEMENTED.
2. PRIOR TO CONSTRUCTION CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS.
3. TREE PROTECTION FENCING SHALL REMAIN INTACT THROUGHOUT ALL CONSTRUCTION ACTIVITY.
4. PRIOR TO THE SITE VISIT ALL TREE PRESERVATION AREAS SHALL BE STAKED OUT ON SITE BY SURVEY.
5. NO MATERIALS OR EQUIPMENT SHALL BE STORED, STOCKPILED OR OPERATED WITHIN TREE PROTECTION AREAS.
6. TREE PROTECTED AREAS WILL BE LEFT AS NATURAL AS POSSIBLE.
7. THE CONTRACTOR CHOSEN FOR THIS WORK WILL BE AN EXPERIENCED TREE SERVICE FIRM THAT HAS SUCCESSFULLY COMPLETED TREE PROTECTION, ROOT PRUNING, AND TRIMMING WORK, SIMILAR TO THAT REQUIRED FOR THIS PROJECT.
8. IN AREAS OF EXCAVATION NEAR TREE, IDENTIFY AND CUT ROOTS IN CONSULTATION WITH OWNER.
9. REMOVE POORLY ATTACHED AND RUBBING LIMBS. CLEAN THE CROWN OF DEAD, DISEASED AND WEAK LIMBS. THINNING OF HEALTHY LIMBS IS NOT RECOMMENDED AT THIS TIME.
10. ANY NECESSARY TRENCHING SHALL BE IMMEDIATELY BACKFILLED WITH REMOVED SOIL OR OTHER HIGHLY ORGANIC SOIL.
11. AN AIR SPADE IS TO BE USED TO EXCAVATE DOWN TO MINIMUM OF 2', SEE DETAIL 88/L200.
12. THERE WILL BE NO EXCAVATION FOR PROPOSED SITE WORK WITHIN FENCED AREA.

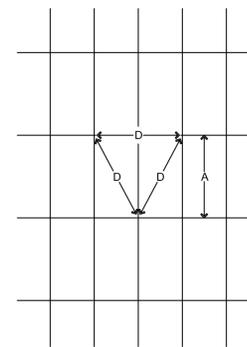
**GENERAL PLANTING NOTES:**

1. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK.
2. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON ALL DRAWINGS.
3. ALL MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK (ANSI) PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
4. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN FINISHED AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT OR EQUAL.
5. PLANTS SHALL BE INSTALLED SUCH THAT THE ROOT FLARE IS AT OR SLIGHTLY ABOVE FINAL GRADE (DUE TO NURSERY PRACTICES THIS MAY REQUIRE REMOVING SOIL FROM THE TOP OF THE ROOT BALL TO LOCATE THE ROOT FLARE).
6. ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT THE TIME OF PLANTING.
7. WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH THE SURFACE IN TWO VERTICAL LOCATIONS.
8. THE DAY PRIOR TO PLANTING, THE LOCATION OF ALL TREES AND SHRUBS SHALL BE STAKED FOR APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT OR EQUAL.

9. LANDSCAPE ARCHITECT MAY REQUIRE ALL PLANTS BE SPRAYED WITH AN ANTIDESSICANT WITHIN 24 HOURS AFTER PLANTING. IN TEMPERATE ZONES ALL PLANTS SHALL BE SPRAYED WITH AN ANTIDESSICANT AT THE BEGINNING OF THEIR FIRST WINTER.
10. ALL PLANT BEDS MUST HAVE A MINIMUM PLANT BED DEPTH OF 18" WITH A 2/3 TOPSOIL TO 1/3 COMPOST MIX. REMOVE SUBGRADE AND OTHER FILL IN PLANTING AREAS ON SITE.
11. ALL PLANTS SHALL BE INSTALLED AS PER DETAILS AND THE CONTRACT SPECIFICATIONS.
12. STAKING PLANTS IS AT THE DISCRETION OF THE CONTRACTOR, ONLY STAKE PLANTS AS SPECIFIED BY LANDSCAPE ARCHITECT.
13. THE LANDSCAPE CONTRACTOR SHALL PROVIDE AMENDED BACKFILL AS PER THE CONTRACT SPECIFICATIONS.
14. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY, IF NECESSARY, DURING THE FIRST GROWING SEASON.
15. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
16. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE PLANT LIST FOR SEASONAL REQUIREMENTS RELATED TO THE TIME OF PLANTING.

**PLANT SPACING CHART**

Spacing 'D'	Row 'A'	Number of Plants	Area Unit
6" O.C.	5.2'	4.61	1 SQ. FT.
8" O.C.	6.93'	2.6	
10" O.C.	8.66'	1.66	
12" O.C.	10.4'	1.15	
15" O.C.	13.0'	7.38	10 SQ. FT.
18" O.C.	15.6'	5.12	
24" O.C.	20.8'	2.91	
30" O.C.	26.0'	1.55	
36" O.C.	30.0'	1.25	
4" O.C.	3.46'	7.25	100 SQ. FT.
5" O.C.	4.38'	4.61	
6" O.C.	5.2'	3.2	
8" O.C.	6.93'	1.8	
10" O.C.	8.66'	1.16	
12" O.C.	10.4'	8	1000 SQ. FT.
15" O.C.	13.0'	5	
20" O.C.	17.3'	2.88	
25" O.C.	21.65'	1.85	
30" O.C.	26.0'	1.29	
40" O.C.	34.6'	7.22	10,000 SQ. FT.

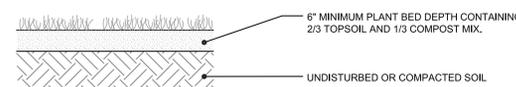


O.C. = ON CENTER FOR USE WHEN PLANTS ARE SHOWN EQUIDISTANT FROM EACH OTHER (AS SHOWN)

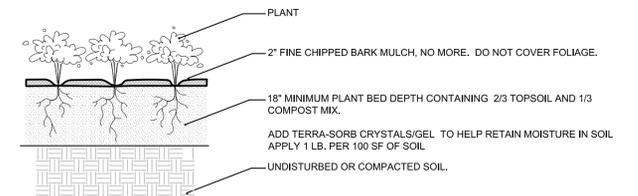
7 PLANT SPACING CHART DETAIL  
L200 NTS



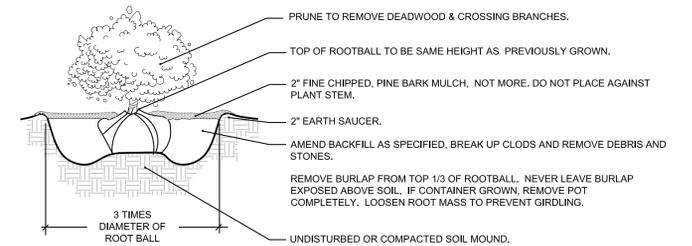
6 TYPICAL PLANT BED/PLANTING AREA DETAIL  
L200 NTS



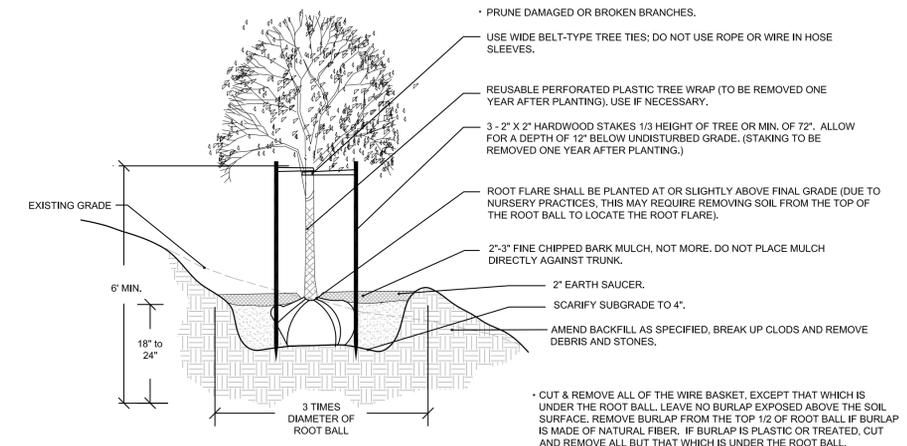
5 LAWN AREA/TOPSOIL & SEEDING DETAIL  
L200 NTS



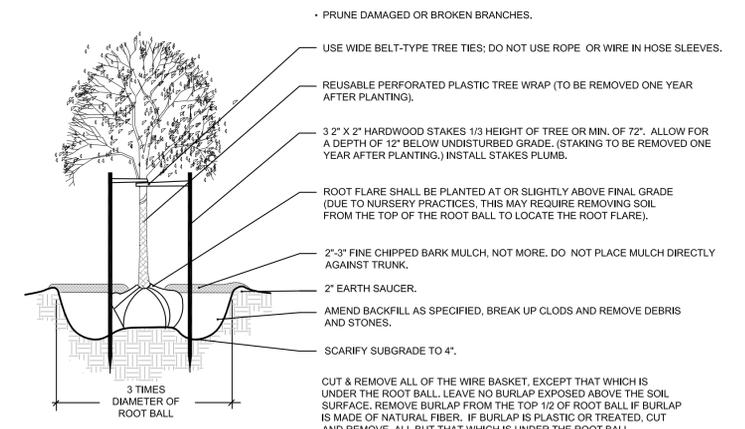
4 TYPICAL GROUNDCOVER PLANTING  
L200 NTS



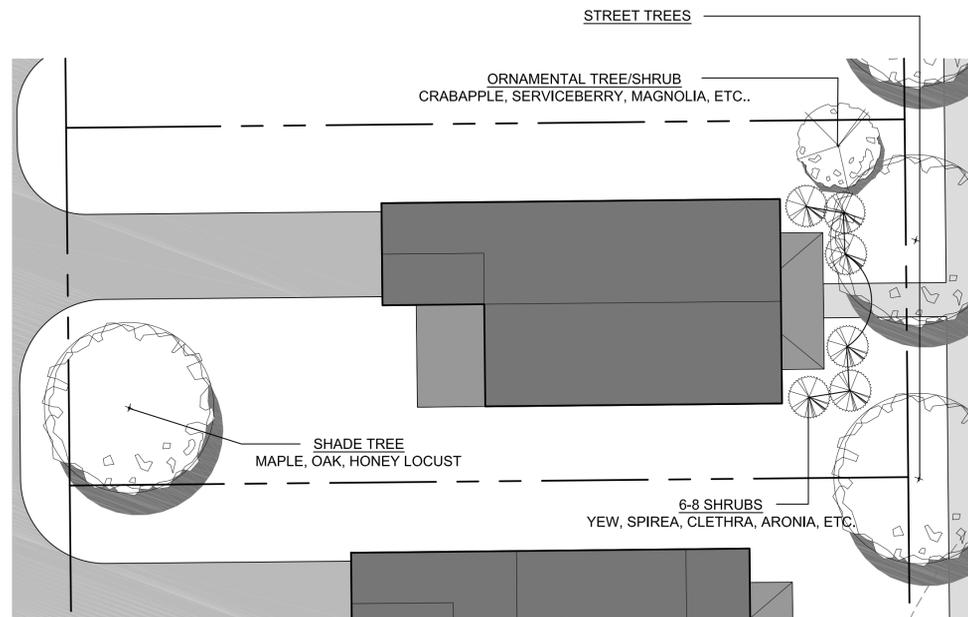
3 SHRUB PLANTING  
L200 NTS



2 TREE PLANTING ON SLOPE DETAIL  
L200 NTS



1 TREE PLANTING DETAIL  
L200 NTS



8 TYPICAL INDIVIDUAL PROPERTY PLANTING DETAIL  
L200 SCALE 1" = 20'

SUBMITTED  
8/6/2015

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JDS design by JDS 6/29/2015  
JDS checked by JDS scale As Shown

Hinesburg Center 2  
Planting and Tree Preservation Details

sheet no. L-200

revisions	date	revisions	date
Submission for Preliminary Plat	06/29/2015		

Farrell Real Estate  
875 Roosevelt Highway  
Colchester, VT 05446

