© 2011 MARCHIONDA & ASSOCIATES, LP

SEQUENCE PLAN

SEQUENCE 2

READING WOODS

in

READING, MA

Prepared For

PULTE HOMES OF NEW ENGLAND, L.L.C.

115 FLANDERS ROAD
WESTBORO, MA 01581

DRW:	DSG:	CHK:

REV.	DESCRIPTION	DATE

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

REGISTRY USE ONLY

Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite I
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

DATE: 1/4/11

H:\PROJECTS\487-187\PLAN SET 1-2011\PHASING2.DWG

M. & A. NO: 487-187 | SCALE: 1" = 60'

© 2011 MARCHIONDA & ASSOCIATES, LP

Marchionda & Associates, L.P.
Engineering and Planning Consultants

62 Montvale Avenue
Suite I
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

DATE: 1/4/11
H:\PROJECTS\487-187\PLAN SET 1-2011\PHASING3.DWG
M. & A. NO.: 487-187 | SCALE: 1" = 60'

SEQUENCE PLAN

SEQUENCE 3

READING WOODS

in

READING, MA

Prepared For

PULTE HOMES OF NEW ENGLAND, L.L.C.

115 FLANDERS ROAD
WESTBORO, MA 01581

DRW:	DSG:	CHK:

REV.	DESCRIPTION	DATE

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

REGISTRY USE ONLY

© 2011 MARCHIONDA & ASSOCIATES, LP.

SEQUENCE PLAN

SEQUENCE 4

READING WOODS

in

READING, MA

Prepared For

PULTE HOMES OF NEW ENGLAND, L.L.C.

115 FLANDERS ROAD
WESTBORO, MA 01581

DRW:	DSG:	CHK:

REV.	DESCRIPTION	DATE

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

REGISTRY USE ONLY

Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite I
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

DATE: 1/4/11

H:\PROJECTS\487-187\PLAN SET 1-2011\PHASING4.DWG

M. & A. NO: 487-187 | SCALE: 1" = 60'

© 2011 MARCHIONDA & ASSOCIATES, L.P.

SEQUENCE PLAN

SEQUENCE 5

READING WOODS

in

READING, MA

Prepared For

PULTE HOMES OF NEW ENGLAND, L.L.C.

115 FLANDERS ROAD
WESTBORO, MA 01581

DRW:	DSG:	CHK:

REV.	DESCRIPTION	DATE

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

REGISTRY USE ONLY

Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite I
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

DATE: 1/4/11

H:\PROJECTS\487-187\PLAN SET 1-2011\PHASIN05.DWG

M. & A. NO.: 487-187 | SCALE: 1" = 60'

© 2011 MARCHIONDA & ASSOCIATES, L.P.

SEQUENCE PLAN

SEQUENCE 6

READING WOODS

in

READING, MA

Prepared For

PULTE HOMES OF NEW ENGLAND, L.L.C.

115 FLANDERS ROAD
WESTBORO, MA 01581

DRW:	DSG:	CHK:

REV.	DESCRIPTION	DATE

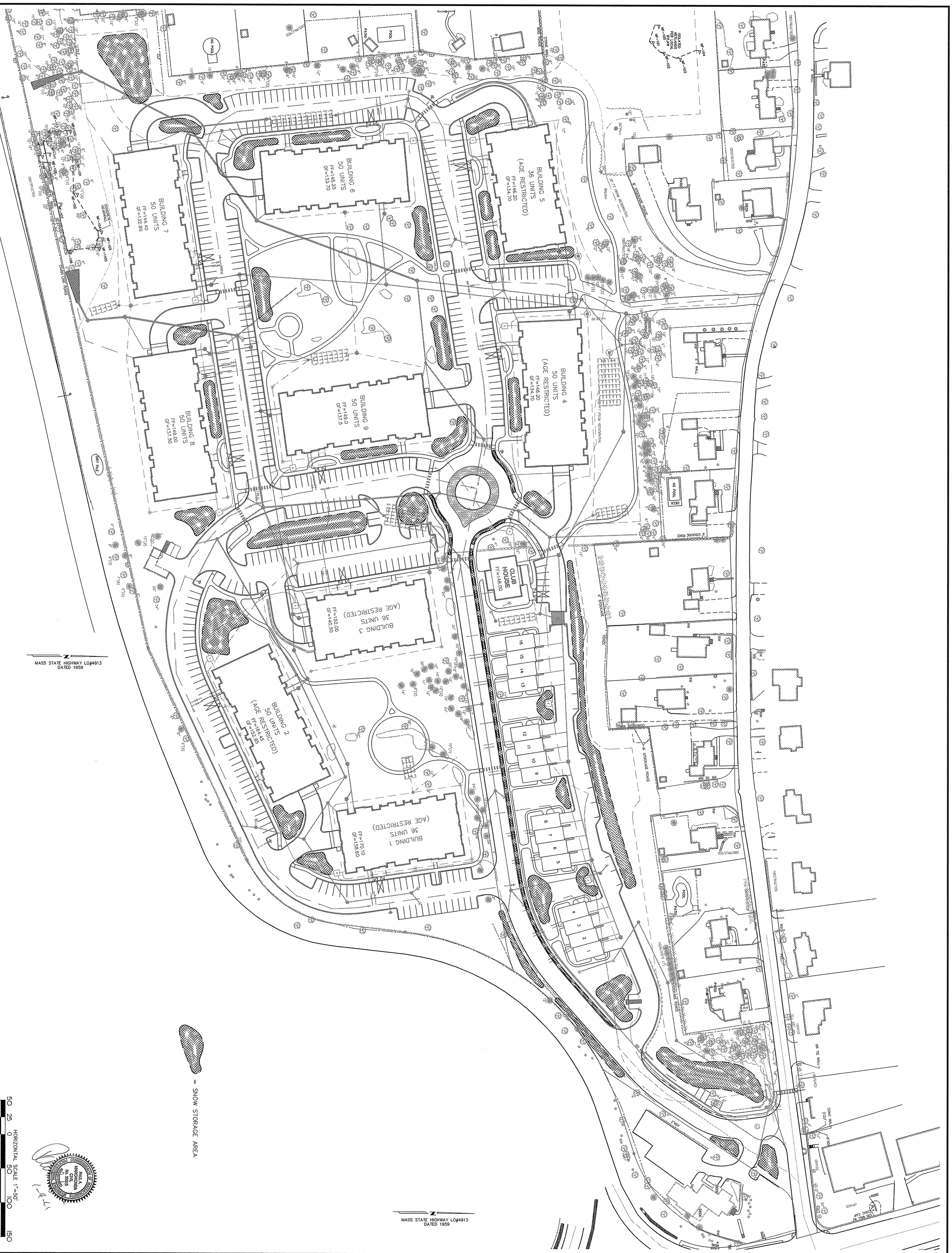
APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

REGISTRY USE ONLY

Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite I
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

DATE: 1/4/11
H:\PROJECTS\487-187\PLAN SET 1-2011\PHASING6.DWG
M. & A. NO.: 487-187
SCALE: 1" = 60'



© 2011 MARCHIONDA & ASSOCIATES, L.P.

Marchionda & Associates, L.P.
Engineering and Planning Consultants

62 Montvale Avenue
Suite I
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

DATE: 1/4/11

H:\PROJECTS\487-187\PLAN SET 1-2011\SNOW STORAGE.DWG

M. & A. NO.: 487-187 SCALE: 1"=50'

SHEET 32 OF 33

SNOW STORAGE PLAN

READING WOODS
in
READING, MA

Prepared For

PULTE HOMES OF NEW ENGLAND, L.L.C.
115 FLANDERS ROAD
WESTBORO, MA 01581

DRW:	DSG:	CHK:

REV.	DESCRIPTION	DATE

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

REGISTRY USE ONLY

© 2011 MARCHIONDA & ASSOCIATES, LP

SOIL TESTING PLAN

READING WOODS

in

READING, MA

Prepared For

PULTE HOMES OF NEW ENGLAND, L.L.C.

115 FLANDERS ROAD
WESTBORO, MA 01581

DRW:	DSG:	CHK:

REV.	DESCRIPTION	DATE

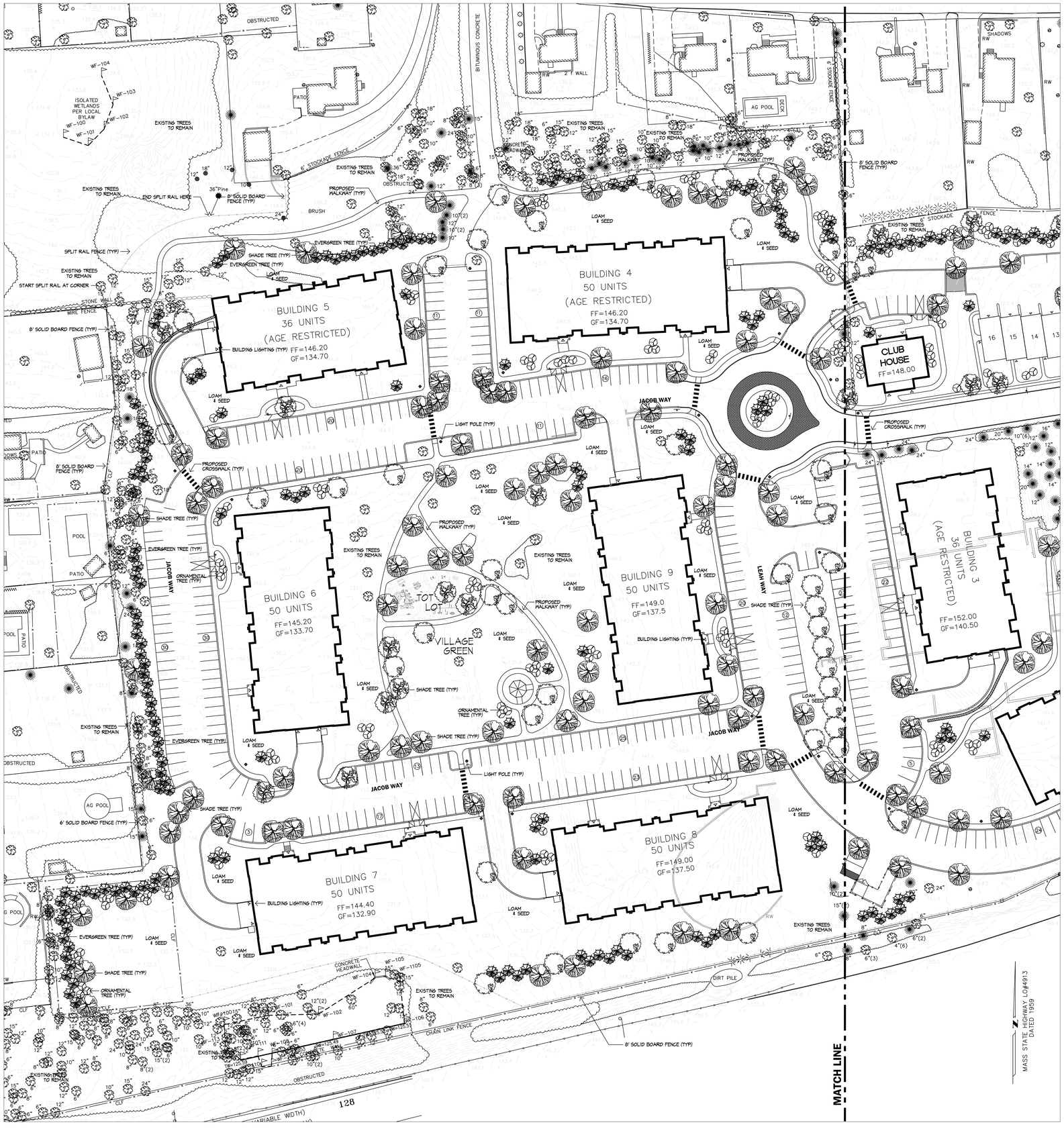
APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

REGISTRY USE ONLY

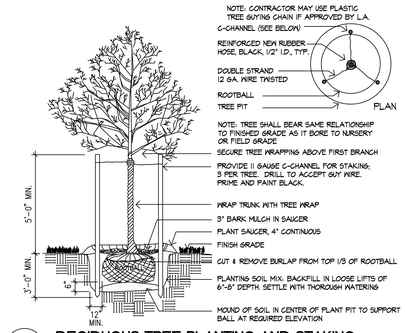
Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite 1
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

DATE: 1/4/11
H:\PROJECTS\487-187\PLAN SET 1-2011\SOIL TESTING PLAN.DWG
M. & A. NO.: 487-187
SCALE: 1" = 40'

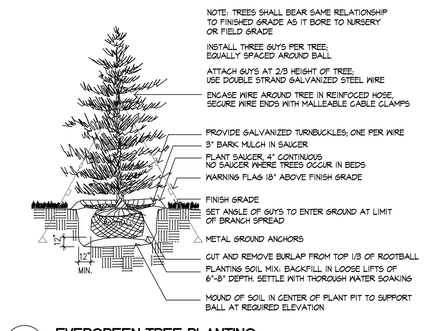


STREETSCAPE & BUFFER PLANT LIST

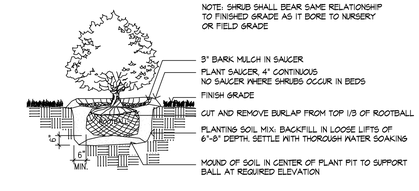
SYMBOL	QTY	ROOTS	SIZE	PLANT NAME
STREET TREE TYPE 'A'	15	B&B	3" CAL. MIN.	LINDEN VARIETIES (AMERICAN, REDMOND, GREENSPIRE, LITTLELEAF)
				GALLERY PEAR, HONEY LOCUST, ZELKOVA GREEN VASE, EUROPEAN BEACH
STREET TREE TYPE 'B'	46	B&B	3" CAL. MIN.	ASH VARIETIES (AUTUMN PURPLE, EMPIRE, SKYLINE, GREEN SUMMIT)
				OAK VARIETIES (RED OAK, PIN OAK, WHITE OAK, BLACK OAK)
STREET TREE TYPE 'C'	40	B&B	3" CAL. MIN.	MAPLE VARIETIES (ARMSTRONG, AUTUMN BLAZE, RED SUNSET, RED MAPLE, SUGAR MAPLE)
ORNAMENTAL TREES	40	B&B	8' - 10' HT.	BIRCH VARIETIES (RIVER, HIMALAYAN, HERITAGE), CHERRY VARIETIES (SARGENT,
				SAND, ACCOLADE, KOREAN, AUTUMN FLOWERING, CANADY SELECT RED), CRAB APPLE
				VARIETIES (JAP. FLOWERING, PINK SPIRE, RED JADE, SARGENT, RED SPLENDOR, ZUMI,
				SUGAR TYME), EASTERN REDBUD, THORNLESS HAWTHORN, TOBA HAWTHORN, KOUSA
				DOGWOOD, JAPANESE TREE LILAC, MAPLE VARIETIES (HEDGE, AMUR, RED, JAP. TATARIEN)
				OAK VARIETIES (WHITE, SCARLET, BURR, ENGLISH, RED), PYRUS VARIETIES (ARISTOCRAT,
				CLEVELAND, SELECT, REDSPIRE), SERVICEBERRY ALLEGHANY, SERVICEBERRY
				SHADBLOW.
EVERGREEN TREES	135	B&B	7' - 8' HEIGHT	DOUGLASS FIR, WHITE FIR, SPRUCE VARIETIES (NORWAY, WHITE, SIBERIAN, COLORADO
				BLUE), PINE VARIETIES (AUSTRIAN, PONDEROSA, RED, EASTERN WHITE, SCOTCH),
				EASTERN RED CEDAR.



1 DECIDUOUS TREE PLANTING AND STAKING
SCALE: N.T.S. PL-TREDP



2 EVERGREEN TREE PLANTING
SCALE: N.T.S. PL-TREEV



3 TYPICAL SHRUB PLANTING
SCALE: N.T.S. PL-SHR

REGISTRY USE ONLY

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

Huntress Associates, Inc.
Landscape Architecture & Land Planning
17 Tewksbury Street
Andover, Massachusetts 01810
978 470 8882 FAX 978 470 8890

DRW:	DSG:	CHK:		DATE
			DESCRIPTION	
			REV.	

LANDSCAPE PLAN

READING WOODS
in
READING, MA
Prepared For
PULTE HOMES OF NEW ENGLAND, L.L.C.
115 FLANDERS ROAD
WESTBORO, MA 01581

Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite I
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

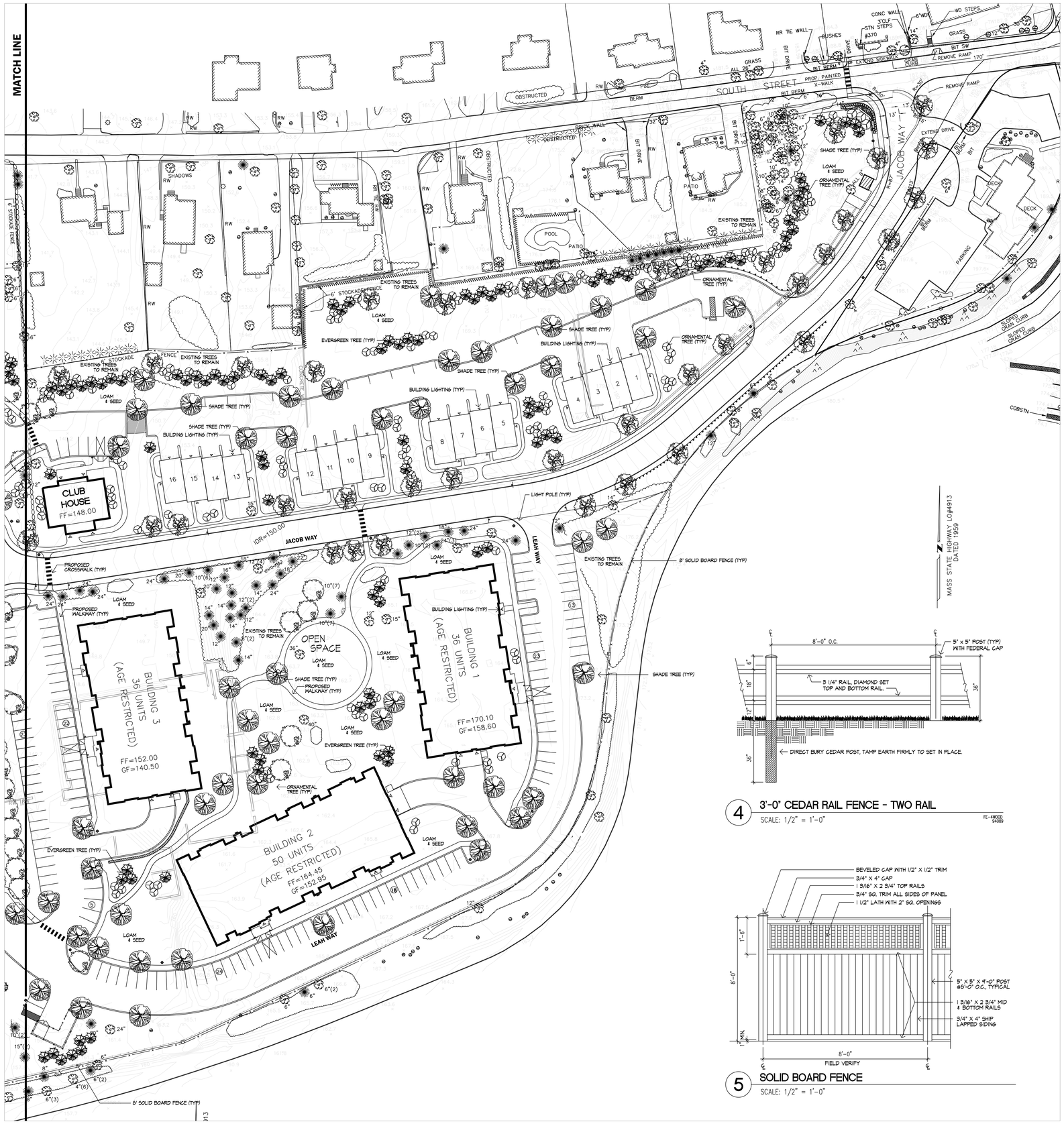
DATE: 1/4/11

H:\PROJECTS\487-187\PLAN SET 1-2011\LEGEND AND NOTES.DWG

M. & A. NO.: 487-187 | SCALE: 1" = 40'

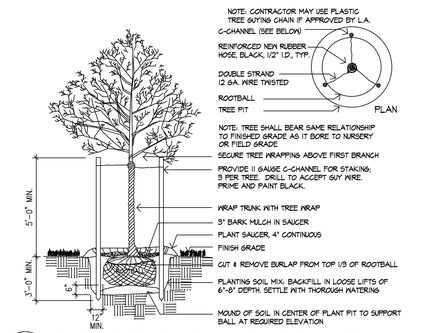
SHEET L-1 OF 8

© 2011 MARCHIONDA & ASSOCIATES, L.P.



STREETSCAPE & BUFFER PLANT LIST

SYMBOL	QTY	ROOTS	SIZE	PLANT NAME
STREET TREE TYPE 'A'	34	B+B	3" CAL. MIN.	LINDEN VARIETIES (AMERICAN, REDMOND, GREENSPIRE, LITTLELEAF)
				GALLERY PEAR, HONEY LOCUST, ZELKOVA GREEN VASE, EUROPEAN BEACH
STREET TREE TYPE 'B'	11	B+B	3" CAL. MIN.	ASH VARIETIES (AUTUMN PURPLE, EMPIRE, SKYLINE, GREEN, SUMMIT)
				OAK VARIETIES (RED OAK, PIN OAK, WHITE OAK, BLACK OAK)
STREET TREE TYPE 'C'	44	B+B	3" CAL. MIN.	MAPLE VARIETIES (ARMSTRONG, AUTUMN BLAZE, RED SUNSET, RED MAPLE, SUGAR MAPLE)
ORNAMENTAL TREES	105	B+B	8' - 10' HT.	BIRCH VARIETIES (RIVER, HIMALAYAN, HERITAGE), CHERRY VARIETIES (SARGENT,
				SAND, ACCOLADE, KOREAN, AUTUMN FLOWERING, CANADY SELECT RED), CRAB APPLE
				VARIETIES (JAP. FLOWERING, PINK SPIRE, RED JADE, SARGENT, RED SPLENDOR, ZUMI,
				SUGAR TYME), EASTERN REDBUD, THORNLESS HAWTHORN, TODA HAWTHORN, KOUSA,
				DOGWOOD, JAPANESE TREE LILAC, MAPLE VARIETIES (HEDGE, AMUR, RED, JAP. TATARIEN)
				OAK VARIETIES (WHITE, SCARLET, BURR, ENGLISH, RED), PYRUS VARIETIES (ARISTOCRAT,
				CLEVELAND, SELECT, REDSPIRE), SERVICEBERRY ALLEGHANY, SERVICEBERRY
				SHADBLOW.
EVERGREEN TREES	86	B+B	7' - 8' HEIGHT	DOUGLASS FIR, WHITE FIR, SPRUCE VARIETIES (NORWAY, WHITE, SIBERIAN, COLORADO
				BLUE), PINE VARIETIES (AUSTRIAN, PONDEROSA, RED, EASTERN WHITE, SCOTCH),
				EASTERN RED CEDAR.

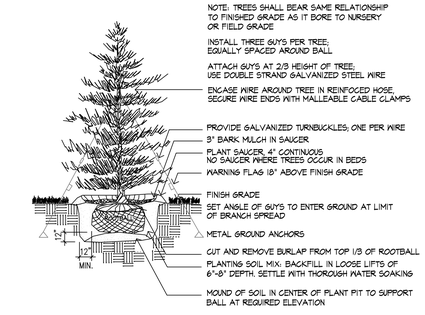


1 DECIDUOUS TREE PLANTING AND STAKING

SCALE: N.T.S. PL-TREDP

4 3'-0" CEDAR RAIL FENCE - TWO RAIL

SCALE: 1/2" = 1'-0" FE-4WOOD 94089

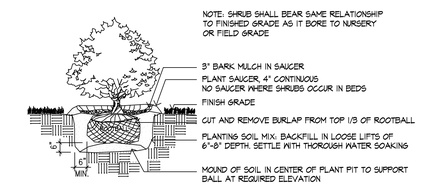


2 EVERGREEN TREE PLANTING

SCALE: N.T.S. PL-TREEV

5 SOLID BOARD FENCE

SCALE: 1/2" = 1'-0"



3 TYPICAL SHRUB PLANTING

SCALE: N.T.S. PL-SHR

REGISTRY USE ONLY

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

Huntress Associates, Inc.

Landscape Architecture & Land Planning

17 Tewksbury Street
Andover, Massachusetts 01810
978 470 8882 FAX 978 470 8890

REV.	DESCRIPTION	DATE

DRW: DSG: CHK:

LANDSCAPE PLAN

READING WOODS
in
READING, MA

Prepared For

PULTE HOMES OF NEW ENGLAND, L.L.C.
115 FLANDERS ROAD
WESTBORO, MA 01581

Marchionda & Associates, L.P.

Engineering and Planning Consultants

62 Montvale Avenue
Suite 1
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

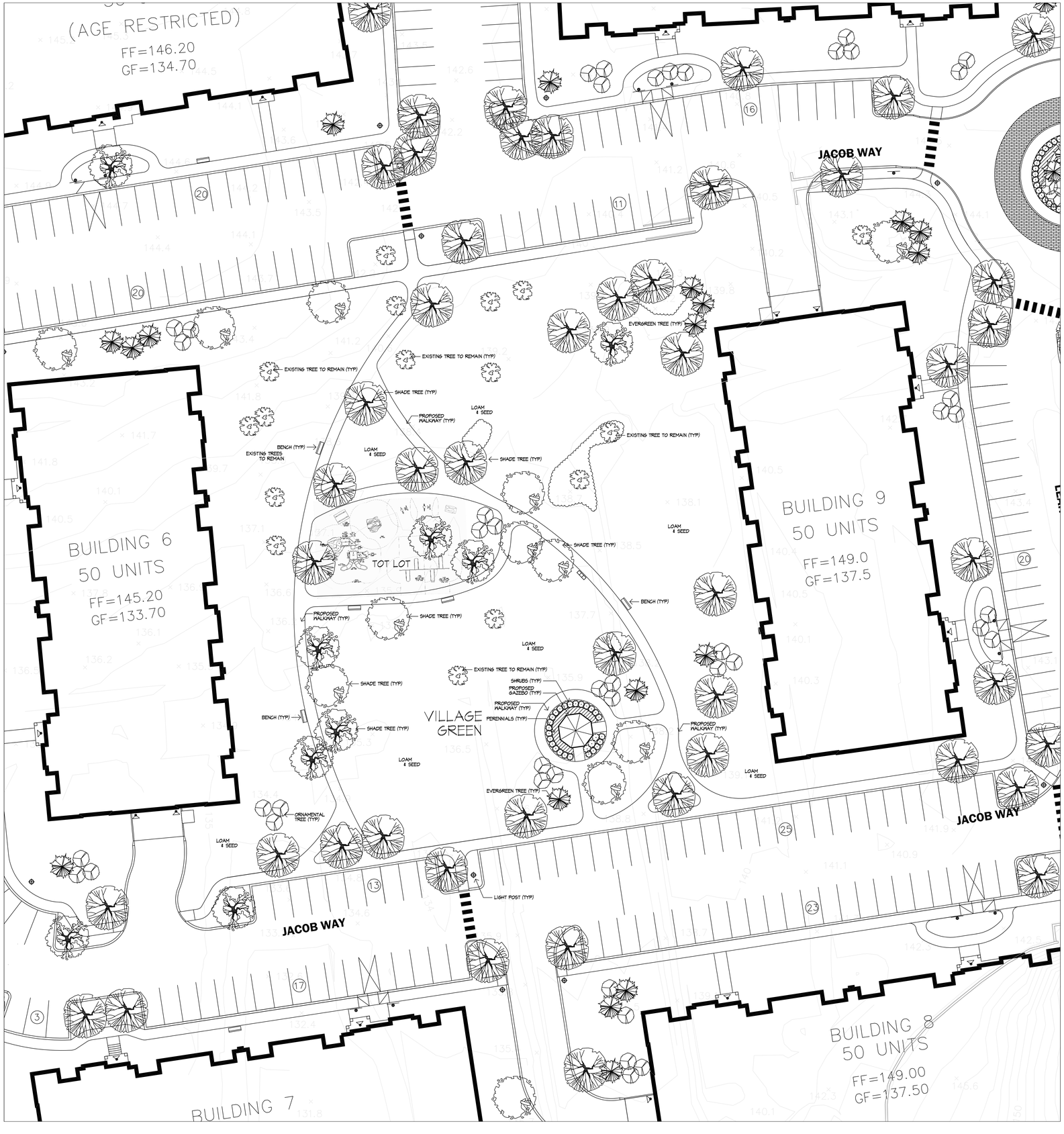
DATE: 1/4/11

H:\PROJECTS\487-187\PLAN SET 1-2011\LEGEND AND NOTES.DWG

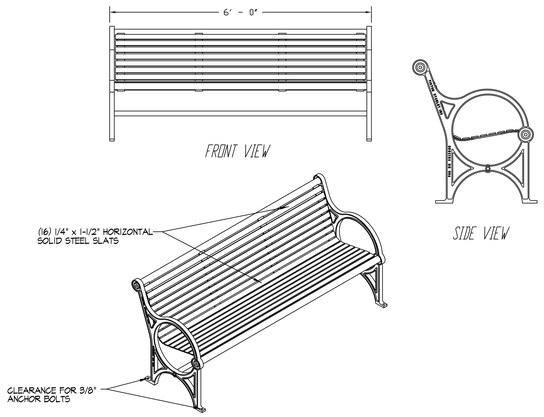
M. & A. NO.: 487-187 SCALE: 1" = 40'

SHEET L-2 OF 8

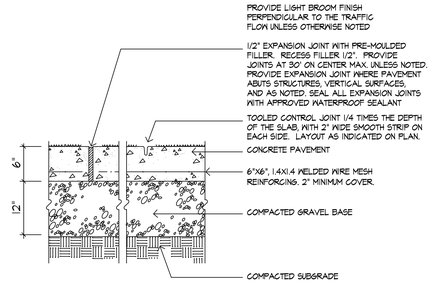
© 2011 MARCHIONDA & ASSOCIATES, L.P.



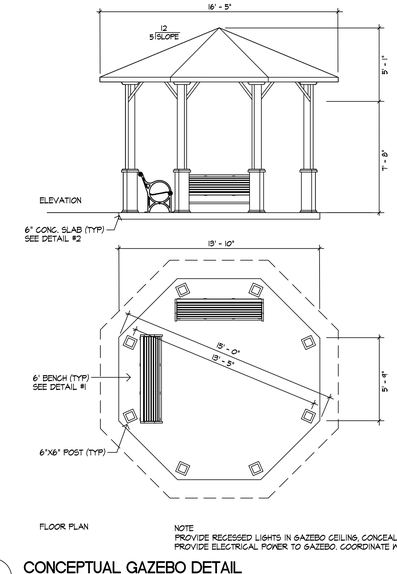
NOTES:
1. ALL STEEL TO BE POWDERCOAT FINISH, COLOR BLACK.
2. ALL STEEL TO BE HOT DIPPED GALVANIZED PRIOR TO APPLICATION OF POWDERCOAT FINISH.
3. PROVIDE AND INSTALL QUANTITIES AS SHOWN ON THE PLANS.
4. INSTALL GAZEBO BENCHES W/ANCHOR BOLTS INTO 6" CONCRETE SLAB. SEE DETAIL #5
5. INSTALL WALKWAY BENCHES W/ ANCHOR BOLTS ON CONCRETE PAD. (6"XTX2'-6") SEE DETAIL #2
6. APPROVED PRODUCTS INCLUDE: VICTOR STANLEY CITY SITES SERIES MODEL CBF-12, OR APPROVED EQUAL.



1 6' METAL BENCH
SCALE: NTS



2 CONCRETE SLAB
SCALE: N.T.S.
PA-CONC



NOTE
PROVIDE RECESSED LIGHTS IN GAZEBO CEILING, CONCEAL SOURCE. PROVIDE ELECTRICAL POWER TO GAZEBO. COORDINATE WITH OWNER

3 CONCEPTUAL GAZEBO DETAIL
SCALE: N.T.S.

REGISTRY USE ONLY

APPROVED BY THE TOWN OF READING PLANNING BOARD — DATE

Huntress Associates, Inc.
Landscape Architecture & Land Planning
17 Tewksbury Street
Andover, Massachusetts 01810
978 470 8882 FAX 978 470 8890

REV.	DESCRIPTION	DATE

DRW: DSG: CHK:

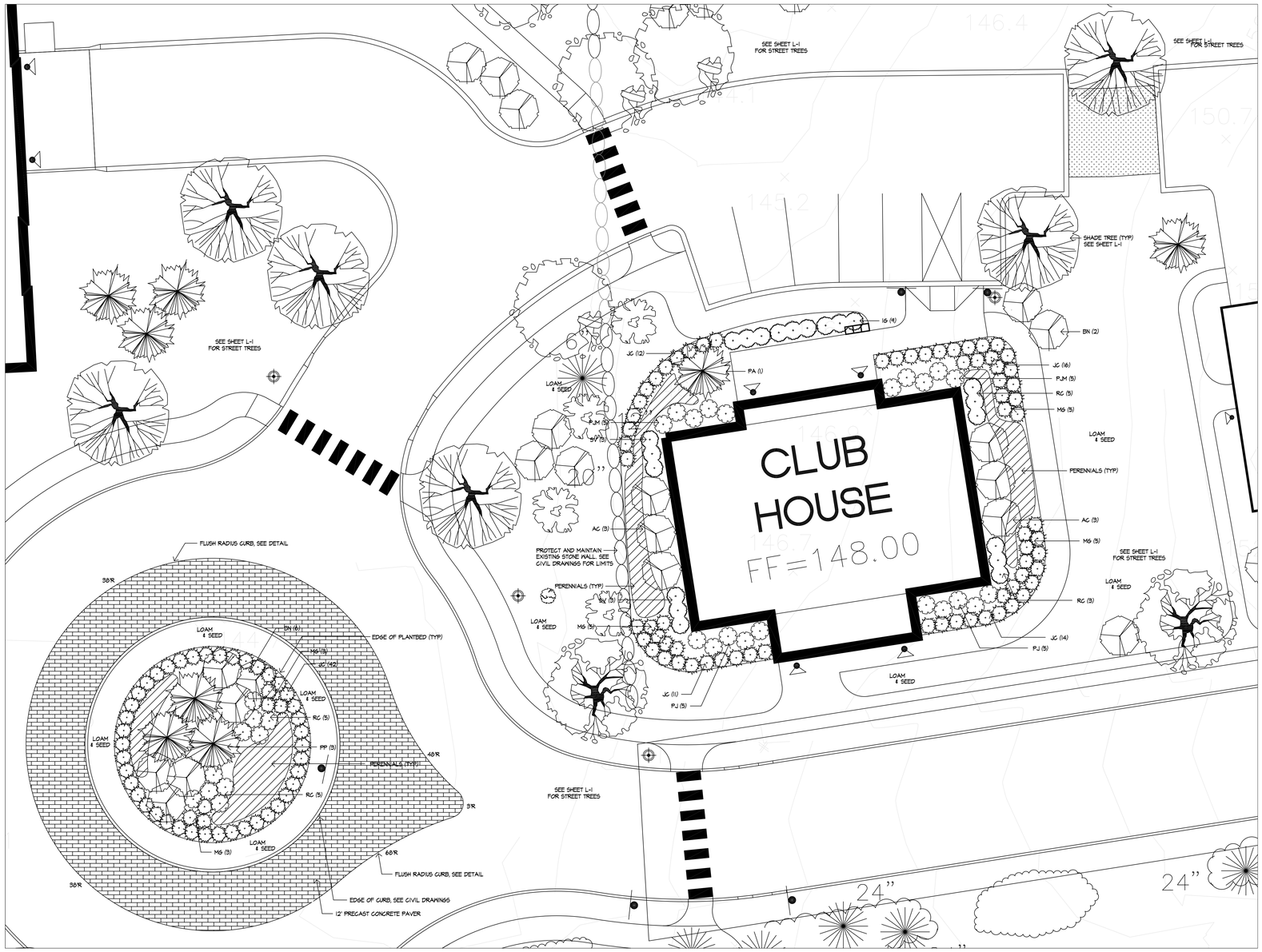
VILLAGE GREEN ENLARGEMENT

READING WOODS
in
READING, MA
Prepared For
PULTE HOMES OF NEW ENGLAND, L.L.C.
115 FLANDERS ROAD
WESTBORO, MA 01581

Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite I
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

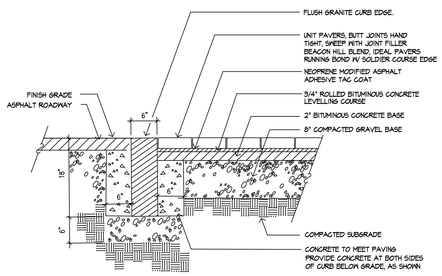
DATE: 1/4/11
H:\PROJECTS\487-187\PLAN SET 1-2011\LEGEND AND NOTES.DWG
M. & A. NO.: 487-187 | SCALE: 1" = 20'
SHEET L-3 OF 8

© 2011 MARCHIONDA & ASSOCIATES, L.P.



PLANTING NOTES

1. PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT BOTH ON AND OFF THE SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
2. CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND WILL CONTINUE UNTIL FINAL ACCEPTANCE.
3. CONTRACTOR SHALL VERIFY ALL TREE REMOVALS WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS
5. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THIS DRAWING.
6. ALL MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
7. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISH GRADE AS TO ORIGINAL GRADES BEFORE DIGGING.
8. ALL PLANTS TO BE BALLED IN BURLAP OR CONTAINERIZED.
9. MULCH FOR PLANTED AREAS TO BE AGED PINE BARK; PARTIALLY DECOMPOSED, FREE OF WOOD CHIPS THICKER THAN 1/4 INCH. OWNER TO SELECT COLOR.
10. PLANTING SOIL MIX: LOAM THOROUGHLY INCORPORATED WITH ROTTED MANURE PROPORTIONED 5 C.Y. TO 1 C.Y. OR EQUIVALENT. PEAT MOSS WITH FERTILIZER ADDED PER MANUFACTURER'S RECOMMENDED RATES.
11. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.
12. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT, AT THE NURSERY, AND AT THE SITE.
13. LANDSCAPE ARCHITECT TO FLAG ALL TREES TO BE TRANSPLANTED PRIOR TO CONSTRUCTION START.
14. ALL AREAS OF THE SITE WHICH HAVE BEEN DISTURBED AND NOT OTHERWISE DEVELOPED SHALL BE LOAMED AND SEEDED.
15. SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ABANDONED AND/OR CAPPED OR DEMOLISHED AS REQUIRED.

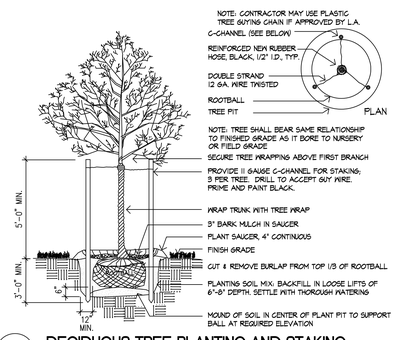


1 UNIT PAVERS ON BITUMINOUS CONCRETE W/ GRANITE EDGE
SCALE: N.T.S.
PA-UNIT

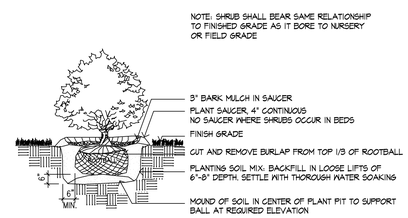
PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE
EVERGREEN TREES				
PA	PICEA ABIES	NORWAY SPRUCE	1	10-12' HT.
PP	PICEA PUNGENS 'GLAUCA'	COLORADO BLUE SPRUCE	3	10-12' HT.
ORNAMENTAL TREES				
AC	AMELANCHIER CANADENSIS - MULTISTEM	SHADBLOW SERVICEBERRY	6	8-10' HT.
BN	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH (CLUMP)	8	10-12' HT.
SHRUBS & GRASSES				
PJM	PJM RHODODENDRON	PJM RHODODENDRON	10	2 - 2 1/2" HT.
JC	JUNIPEROUS CHINENSIS "SARGENTII"	SARGENT JUNIPER	95	15 - 18" SP.
IG	ILEX GLABRA 'DENSA'	INKBERRY	9	18 - 24" HT.
SV	SYRINGA VULGARIS "ALBA"	COMMON LILAC	6	4-5' HT.
PJ	PIERIS JAPONICA	JAPANESE ANDROMEDA	10	2-2.5' HT.
MG	MISCANTHUS GRACILLIMUS	MAIDEN GRASS	16	#3 POT.
PERENNIALS				
RF	RUDBECKIA FULGIDA	BLACK EYED SUSAN	200	#2 POT
DL	HEMOROCALIS 'ICE CARNIVAL'	DAYLILY	200	#2 POT
AY	ACHILLEA	YARROW	75	1 GAL.
CT	COREOPSIS	TICKSEED	75	1 GAL.

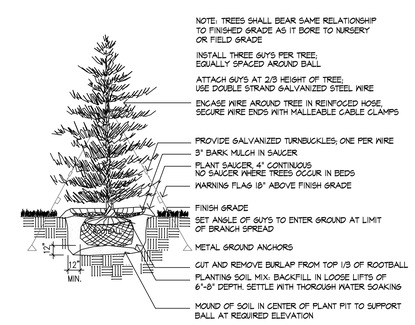
NOTE: LOCATE PERENNIALS IN PROPOSED PLANT BEDS AS DIRECTED BY LANDSCAPE ARCHITECT IN THE FIELD.



2 DECIDUOUS TREE PLANTING AND STAKING
SCALE: N.T.S.
PL-TREDP



3 TYPICAL SHRUB PLANTING
SCALE: N.T.S.
PL-SHR



4 EVERGREEN TREE PLANTING
SCALE: N.T.S.
PL-TREEV

REGISTRY USE ONLY

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

Huntress Associates, Inc.
Landscape Architecture & Land Planning
17 Tewksbury Street
Andover, Massachusetts 01810
978 470 8882 FAX 978 470 8890

DRW:	DSG:	CHK:	REV.	DESCRIPTION	DATE

CLUBHOUSE ENLARGEMENT

READING WOODS
in
READING, MA

Prepared For
PULTE HOMES OF NEW ENGLAND, L.L.C.
115 FLANDERS ROAD
WESTBORO, MA 01581

Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite 1
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

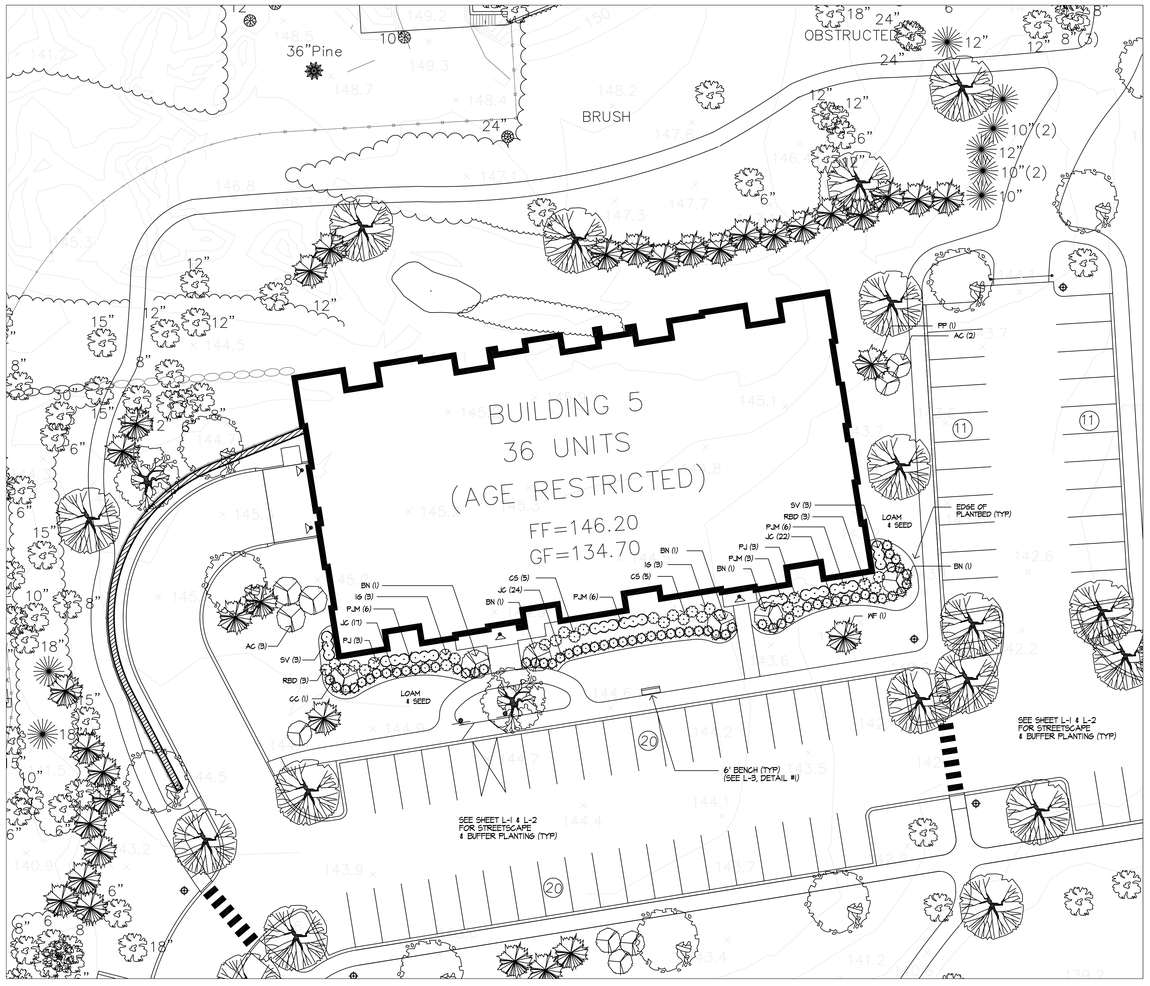
DATE: 1/4/11

H:\PROJECTS\487-187\PLAN SET 1-2011\LEGEND AND NOTES.DWG

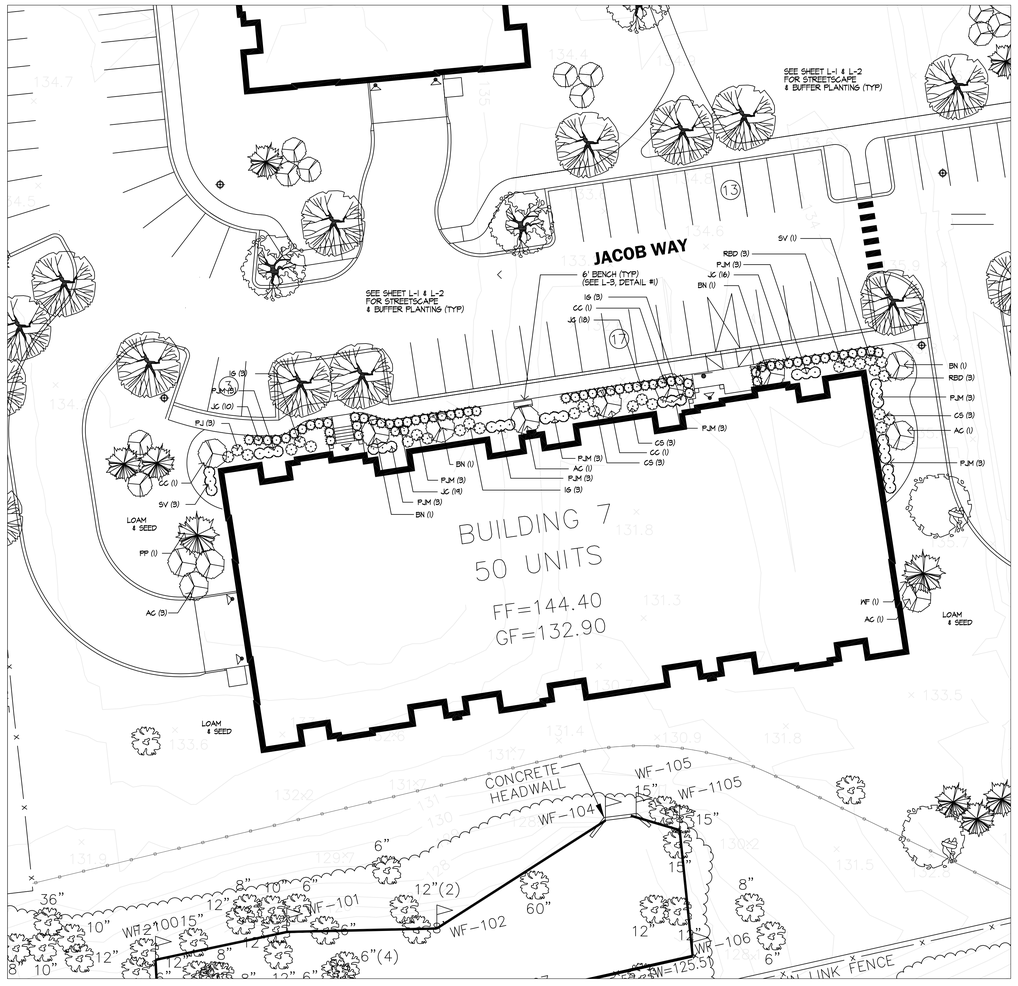
M. & A. NO.: 487-187 | SCALE: 1" = 10'

SHEET L-4 OF 8

© 2011 MARCHIONDA & ASSOCIATES, L.P.



1 TYPICAL BUILDING PLANTING PLAN (50 UNIT BUILDING)
SCALE: 1" = 20'



2 TYPICAL BUILDING PLANTING PLAN (36 UNIT BUILDING)
SCALE: 1" = 20'

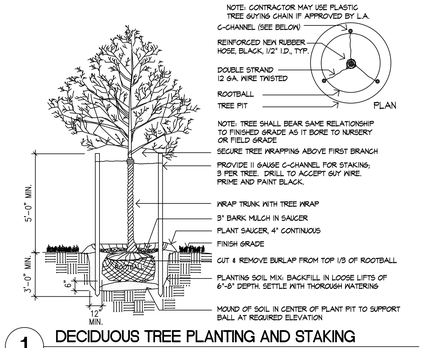
TYPICAL BUILDING PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE
EVERGREEN TREES				
AF	ABIES CONCOLOR	WHITE FIR	1	8-9' HT.
PP	PICEA PUNGENS 'GLAUCA'	COLORADO BLUE SPRUCE	1	10-12' HT.
ORNAMENTAL TREES				
AC	AMELANCHIER CANADENSIS - MULTISTEM	SHADBLOW SERVICEBERRY	7	8-10' HT.
BN	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH (CLUMP)	4	10-12' HT.
CC	CERCIS CANADENSIS	EASTERN REDBUD	1	8-10 HT.
SHRUBS & GRASSES				
CS	CORNUS SERICEA	REDTWIG DOGWOOD	10	2 - 2 1/2" HT.
PJM	PJM RHODODENDRON	PJM RHODODENDRON	24	2 - 2 1/2" HT.
JC	JUNIPEROUS CHINENSIS 'SARGENTII'	SARGENT JUNIPER	63	15 - 18" SP.
RBD	RHODODENDRON 'BOULE DE NEIGE'	'BOULE DE NIEGE' RHODODENDRON	6	2 - 2 1/2' HT.
IG	ILEX GLABRA 'DENSA'	INKBERRY	9	18 - 24" HT.
SV	SYRINGA VULGARIS 'ALBA'	COMMON LILAC	4	4-5' HT.
PJ	PIERIS JAPONICA	JAPANESE ANDROMEDA	6	2-2.5' HT.
PERENNIALS				
RF	RUDBECKIA FULGIDA	BLACK EYED SUSAN	100	#2 POT
DL	HEMOROCALIS 'ICE CARNIVAL'	DAYLILY	100	#2 POT

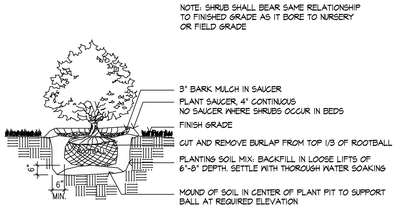
NOTE: LOCATE PERENNIALS IN PROPOSED PLANT BEDS AS DIRECTED BY LANDSCAPE ARCHITECT IN THE FIELD.

PLANTING NOTES

1. PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT BOTH ON AND OFF THE SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
2. CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND WILL CONTINUE UNTIL FINAL ACCEPTANCE.
3. CONTRACTOR SHALL VERIFY ALL TREE REMOVALS WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS
5. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THIS DRAWING.
6. ALL MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
7. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISH GRADE AS TO ORIGINAL GRADES BEFORE DIGGING.
8. ALL PLANTS TO BE BALLED IN BURLAP OR CONTAINERIZED.
9. MULCH FOR PLANTED AREAS TO BE AGED PINE BARK; PARTIALLY DECOMPOSED, FREE OF WOOD CHIPS THICKER THAN 1/4 INCH. OWNER TO SELECT COLOR.
10. PLANTING SOIL MIX: LOAM THOROUGHLY INCORPORATED WITH ROTTED MANURE PROPORTIONED 5 C.Y. TO 1 C.Y. OR EQUIVALENT. PEAT MOSS WITH FERTILIZER ADDED PER MANUFACTURER'S RECOMMENDED RATES.
11. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.
12. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT, AT THE NURSERY, AND AT THE SITE.
13. LANDSCAPE ARCHITECT TO FLAG ALL TREES TO BE TRANSPLANTED PRIOR TO CONSTRUCTION START.
14. ALL AREAS OF THE SITE WHICH HAVE BEEN DISTURBED AND NOT OTHERWISE DEVELOPED SHALL BE LOAMED AND SEEDED.
15. SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED BUILDINGS AND\OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ABANDONED AND\OR CAPPED OR DEMOLISHED AS REQUIRED.



1 DECIDUOUS TREE PLANTING AND STAKING
SCALE: N.T.S. PL-TREDP



2 TYPICAL SHRUB PLANTING
SCALE: N.T.S. PL-SHR

3 EVERGREEN TREE PLANTING
SCALE: N.T.S. PL-TREEV

REGISTRY USE ONLY

APPROVED BY THE TOWN OF READING PLANNING BOARD — DATE

Huntress Associates, Inc.
Landscape Architecture & Land Planning
17 Tewksbury Street
Andover, Massachusetts 01810
978 470 8882 FAX 978 470 8890

REV.	DESCRIPTION	DATE

DRW: DSG: CHK:

TYPICAL BUILDING PLANTING PLAN

READING WOODS
in
READING, MA
Prepared For
PULTE HOMES OF NEW ENGLAND, L.L.C.
115 FLANDERS ROAD
WESTBORO, MA 01581

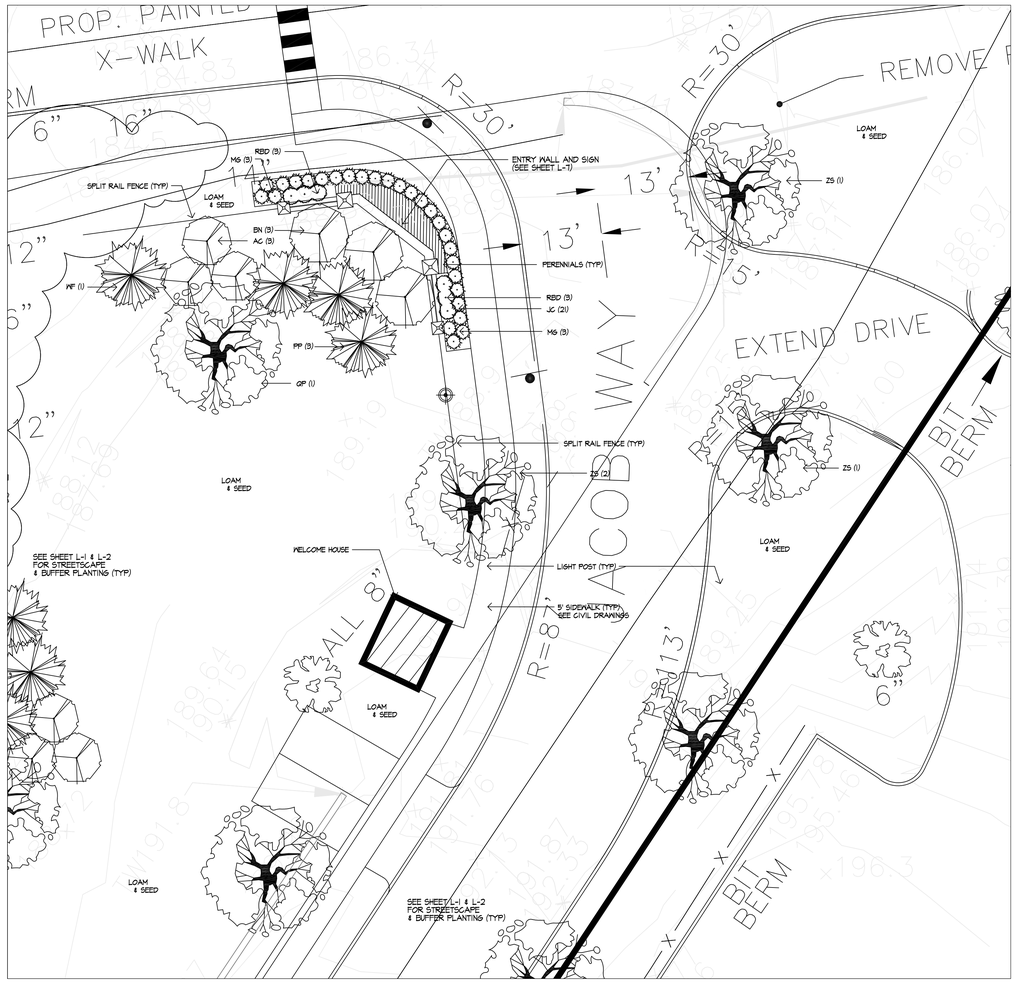
Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite 1
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

DATE: 1/4/11
H:\PROJECTS\487-187\PLAN SET 1-2011\LEGEND AND NOTES.DWG
M. & A. NO.: 487-187 | SCALE: 1" = 10'
SHEET L-5 OF 8

© 2011 MARCHIONDA & ASSOCIATES, L.P.

1 TYPICAL BUILDING PLANTING PLAN (TOWNHOUSES)

SCALE: 1" = 10'



2 ENTRY DRIVE ENLARGEMENT

SCALE: 1" = 10'

TYPICAL BUILDING PLANT LIST (TOWNHOUSES)

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE
ORNAMENTAL TREES				
AC	AMELANCHIER CANADENSIS - MULTISTEM	SHADBLOW SERVICEBERRY	2	8-10' HT.
BN	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH (CLUMP)	3	10-12' HT.
SHRUBS & GRASSES				
PM	PINUS MUGO	MUGO PINE	5	2 - 2 1/2' HT.
PJM	PJM RHODODENDRON	PJM RHODODENDRON	24	2 - 2 1/2' HT.
JC	JUNIPEROUS CHINENSIS 'SARGENTII'	SARGENT JUNIPER	63	15 - 18" SP.
RBD	RHODODENDRON 'BOULE DE NEIGE'	'BOULE DE NIEGE' RHODODENDRON	6	2 - 2 1/2' HT.
IG	ILEX GLABRA 'DENSA'	INKBERRY	9	18 - 24" HT.
SV	SYRINGA VULGARIS 'ALBA'	COMMON LILAC	4	4-5' HT.
PJ	PIERIS JAPONICA	JAPANESE ANDROMEDA	6	2-2.5' HT.
PERENNIALS				
RF	RUDBECKIA FULGIDA	BLACK EYED SUSAN	100	#2 POT
DL	HEMOROCALIS 'ICE CARNIVAL'	DAYLILY	100	#2 POT
AY	ACHILLEA	YARROW	50	1 GAL.
CT	COREOPSIS	TICKSEED	50	1 GAL.

NOTE: LOCATE PERENNIALS IN PROPOSED PLANT BEDS AS DIRECTED BY LANDSCAPE ARCHITECT IN THE FIELD.

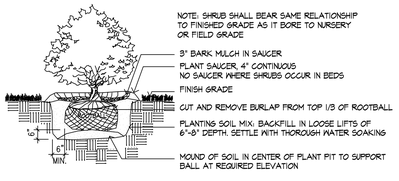
ENTRY DRIVE PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE
EVERGREEN TREES				
AF	ABIES CONCOLOR	WHITE FIR	1	8-9' HT.
PP	PICEA PUNGENS 'GLAUCA'	COLORADO BLUE SPRUCE	3	10-12' HT.
DECIDUOUS AND ORNAMENTAL TREES				
AC	AMELANCHIER CANADENSIS - MULTISTEM	SHADBLOW SERVICEBERRY	3	8-10' HT.
BN	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH (CLUMP)	3	10-12' HT.
QP	QUERCUS PALUSTRIS	PIN OAK	1	3" CAL.
ZS	ZELKOVA SERRATA	GREEN VASE ZELKOVA	4	3" CAL.
SHRUBS & GRASSES				
JC	JUNIPEROUS CHINENSIS 'SARGENTII'	SARGENT JUNIPER	21	15 - 18" SP.
RBD	RHODODENDRON 'BOULE DE NEIGE'	'BOULE DE NIEGE' RHODODENDRON	6	2 - 2 1/2' HT.
MG	MISCANTHUS GRACILLIMUS	MAIDEN GRASS	6	#3 POT.
PERENNIALS				
RF	RUDBECKIA FULGIDA	BLACK EYED SUSAN	50	#2 POT
DL	HEMOROCALIS 'ICE CARNIVAL'	DAYLILY	50	#2 POT
AY	ACHILLEA	YARROW	50	1 GAL.
CT	COREOPSIS	TICKSEED	50	1 GAL.

NOTE: LOCATE PERENNIALS IN PROPOSED PLANT BEDS AS DIRECTED BY LANDSCAPE ARCHITECT IN THE FIELD.

PLANTING NOTES

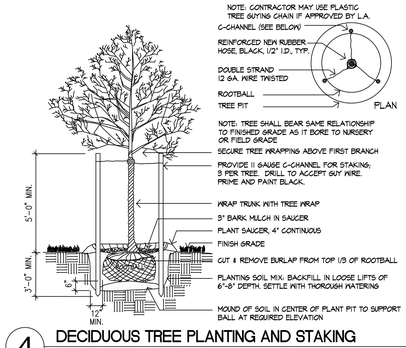
1. PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT BOTH ON AND OF THE SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
2. CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND WILL CONTINUE UNTIL FINAL ACCEPTANCE.
3. CONTRACTOR SHALL VERIFY ALL TREE REMOVALS WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS
5. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THIS DRAWING.
6. ALL MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
7. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISH GRADE AS TO ORIGINAL GRADES BEFORE DIGGING.
8. ALL PLANTS TO BE BALLED IN BURLAP OR CONTAINERIZED.
9. MULCH FOR PLANTED AREAS TO BE AGED PINE BARK; PARTIALLY DECOMPOSED, FREE OF WOOD CHIPS THICKER THAN 1/4 INCH. OWNER TO SELECT COLOR.
10. PLANTING SOIL MIX: LOAM THOROUGHLY INCORPORATED WITH ROTTED MANURE PROPORTIONED 5 C.Y. TO 1 C.Y. OR EQUIVALENT. PEAT MOSS WITH FERTILIZER ADDED PER MANUFACTURER'S RECOMMENDED RATES.
11. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.
12. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT, AT THE NURSERY, AND AT THE SITE.
13. LANDSCAPE ARCHITECT TO FLAG ALL TREES TO BE TRANSPLANTED PRIOR TO CONSTRUCTION START.
14. ALL AREAS OF THE SITE WHICH HAVE BEEN DISTURBED AND NOT OTHERWISE DEVELOPED SHALL BE LOAMED AND SEEDED.
15. SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED BUILDINGS AND\OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ABANDONED AND\OR CAPPED OR DEMOLISHED AS REQUIRED.



3 TYPICAL SHRUB PLANTING

SCALE: N.T.S.

PL-SHR



4 DECIDUOUS TREE PLANTING AND STAKING

SCALE: N.T.S.

PL-TREDP

5 EVERGREEN TREE PLANTING

SCALE: N.T.S.

PL-TREEV

REGISTRY USE ONLY

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

Huntress Associates, Inc.
Landscape Architecture & Land Planning
17 Tewksbury Street
Andover, Massachusetts 01810
978 470 8882 FAX 978 470 8890

DRW:	DSG:	CHK:	REV.	DESCRIPTION	DATE

SITE ENLARGEMENT PLAN

READING WOODS
in
READING, MA
Prepared For
PULTE HOMES OF NEW ENGLAND, L.L.C.
115 FLANDERS ROAD
WESTBORO, MA 01581

Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite I
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

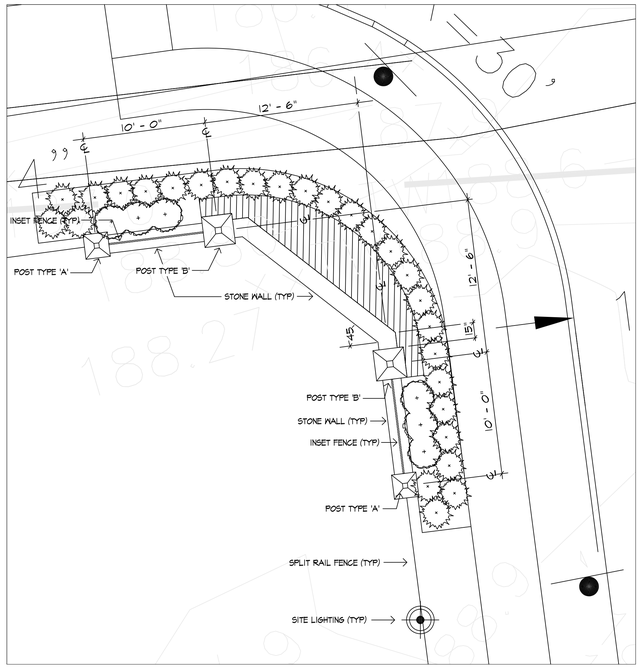
DATE: 1/4/11

H:\PROJECTS\487-187\PLAN SET 1-2011\LEGEND AND NOTES.DWG

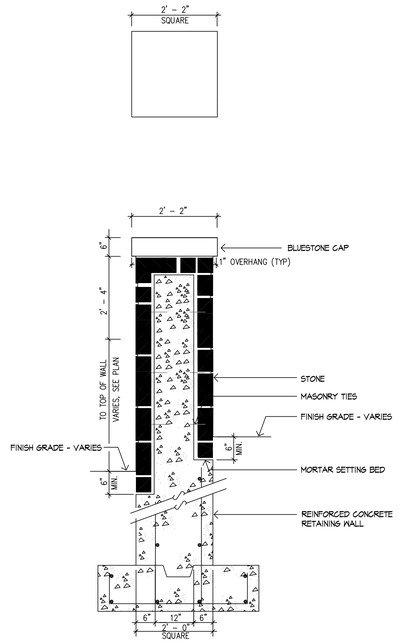
M. & A. NO.: 487-187 | SCALE: AS NOTED

SHEET L-6 OF 8

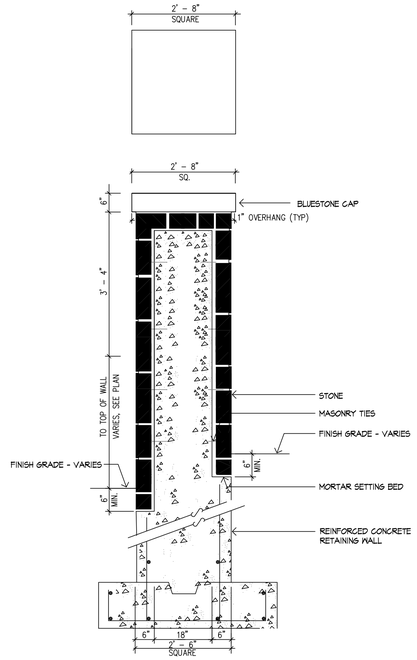
© 2011 MARCHIONDA & ASSOCIATES, L.P.



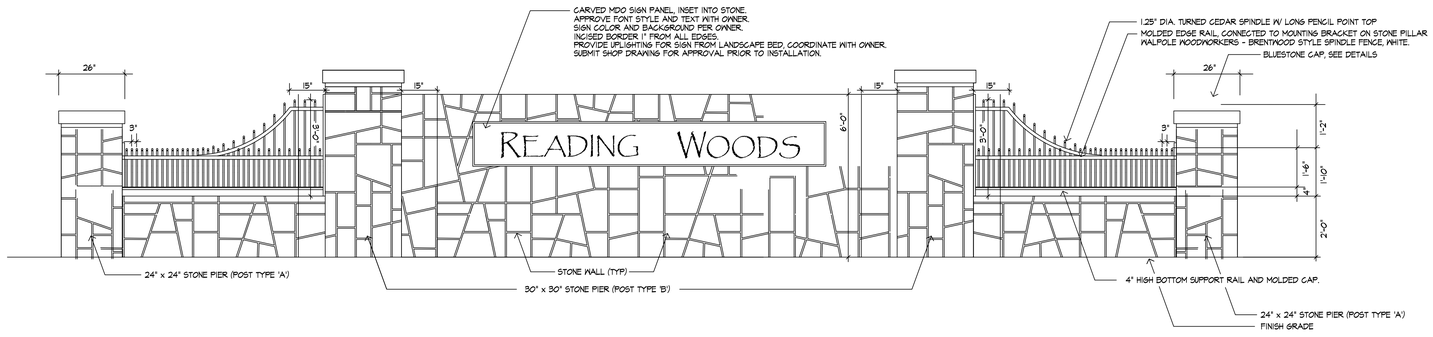
1 STONE ENTRY WALL LAYOUT DETAIL - PLAN VIEW
SCALE: 1" = 5'



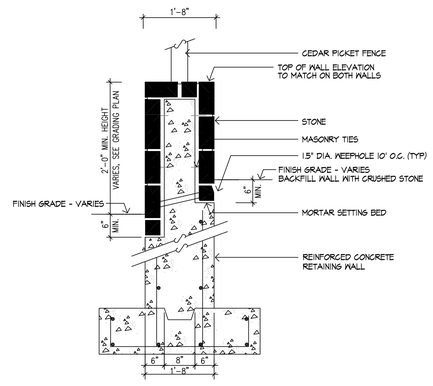
2 STONE FACED PIER - TYPE "A"
SCALE: 3/4" = 1'
W-BMMFF 9603C-01



3 STONE FACED PIER - TYPE "B"
SCALE: 3/4" = 1'
W-BMMFF 9603C-01



4 STONE ENTRY WALL W/ ORNAMENTAL FENCE - ELEVATION SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT
SCALE: NTS



5 STONE FACED WALL WITH CEDAR PICKET FENCE
SCALE: 3/4" = 1'
W-BMMFF 9603C-01

REGISTRY USE ONLY

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

Huntress Associates, Inc.
Landscape Architecture & Land Planning
17 Tewksbury Street
Andover, Massachusetts 01810
978 470 8882 FAX 978 470 8890

REV.	DESCRIPTION	DATE

DRW: DSG: CHK:

ENTRY WALL LAYOUT & DETAILS

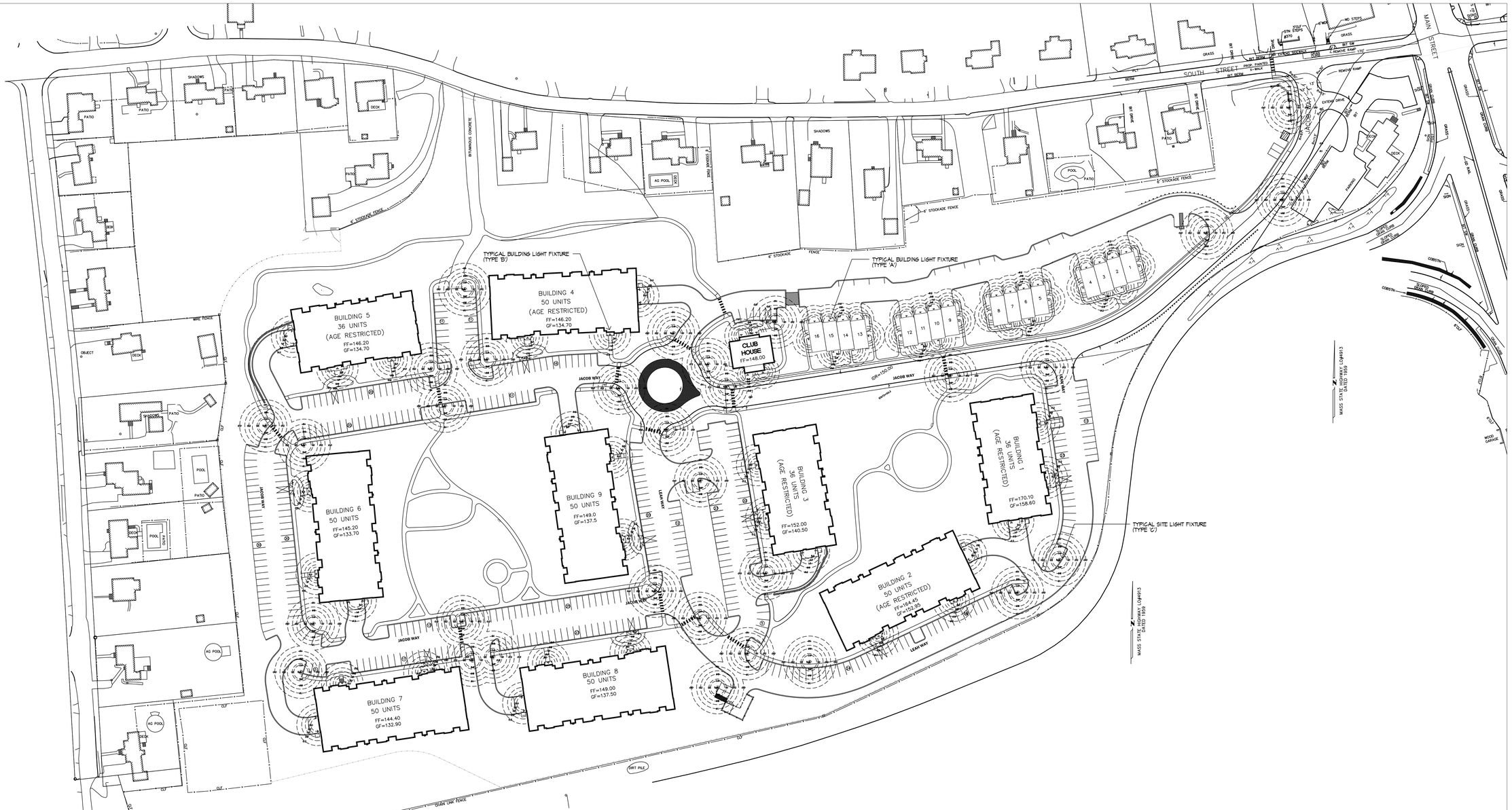
READING WOODS in READING, MA

Prepared For
PULTE HOMES OF NEW ENGLAND, L.L.C.
115 FLANDERS ROAD
WESTBORO, MA 01581

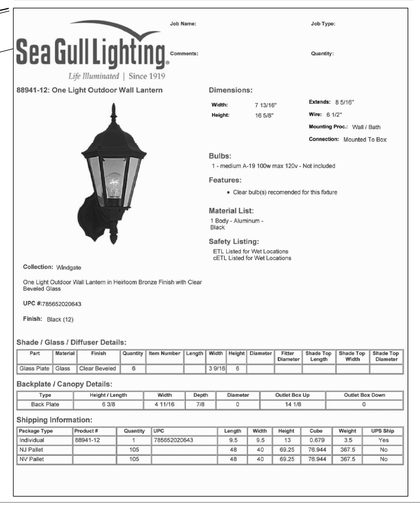
Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite 1
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

DATE: 1/4/11
H:\PROJECTS\487-187\PLAN SET 1-2011\LEGEND AND NOTES.DWG
M. & A. NO.: 487-187 SCALE: 1" = 10'
SHEET L-7 OF 8

© 2011 MARCHIONDA & ASSOCIATES, L.P.



TYPICAL BUILDING LIGHT - TYPE 'A'



Sea Gull Lighting
Life Illuminated | Since 1919

Job Name: Job Type:
Comments: Quantity:

88941-12: One Light Outdoor Wall Lantern

Dimensions:

Width:	7 13/16"	**Extends:**	8 5/16"
Height:	16 5/8"	**Wire:**	6 1/2"
		Mounting Proc.:	Wall / Bath
		Connection:	Mounted To Box

Bulbs:
1 - medium A-19 100w max 120v - Not included

Features:
- Clear bulb(s) recomended for this fixture

Material List:
1 Body - Aluminum - Black

Safety Listing:
ETL Listed for Wet Locations
cETL Listed for Wet Locations

Collection: Windgate

One Light Outdoor Wall Lantern in Heirloom Bronze Finish with Clear Beveled Glass

UPC #: 785652020643

Finish: Black (12)

Shade / Glass / Diffuser Details:

Part	Material	Finish	Quantity	Item Number	Length	Width	Height	Diameter	Fitter Diameter	Shade Top Length	Shade Top Width	Shade Top Diameter
Glass Plate	Glass	Clear Beveled	6			3 9/16	6					

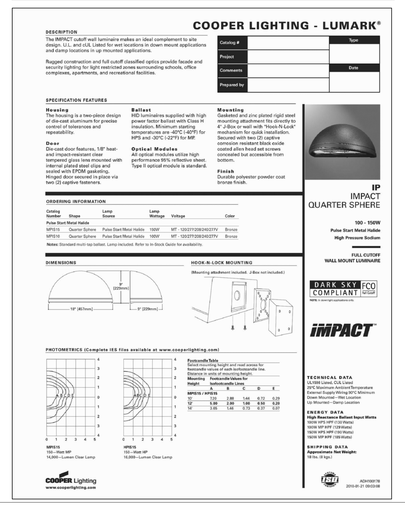
Backplate / Canopy Details:

Type	Height / Length	Width	Depth	Diameter	Outlet Box Up	Outlet Box Down
Back Plate	6 3/8	4 11/16	7/8	0	14 1/8	0

Shipping Information:

Package Type	Product #	Quantity	UPC	Length	Width	Height	Cube	Weight	UPS Ship
Individual	88941-12	1	785652020643	9.5	9.5	13	0.679	3.5	Yes
NPI Pallet		105		48	40	69.25	76.944	367.5	No
NV Pallet		105		48	40	69.25	76.944	367.5	No

TYPICAL BUILDING LIGHT - TYPE 'B'



COOPER LIGHTING - LUMARK®

DESCRIPTION
The IMPACT cutoff wall luminaire makes an ideal complement to site lighting in front of the building. Suitable for down mount applications and doing locations in up mounted applications.

Rugged construction and full cutoff classified optics provide facade and security lighting for light restricted zones surrounding schools, office complexes, apartments, and recreational facilities.

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Housing
Housing is a two-piece design of die-cast aluminum for precise control of tolerances and repeatability.

Door
Die-cast door features, 1/8" heat- and impact-resistant clear tempered glass lens mounted with internal plated steel clips and stainless steel hardware. Hinged door secured in place via two (2) captive fasteners.

Ballast
Lamp ballasts supplied with high power factor ballast with Class H insulation. Minimum starting temperatures are -40°C (-40°F) for HPS and -20°C (-2°F) for MH.

Optical Modules
All optical modules utilize high performance 99% reflective sheet. Type II optical module is standard.

Mounting
Housing and one piece rigid steel mounting attachment fits directly to 4" J-Box or wall with "Hook-N-Lock" mechanism for quick installation. Secured with two (2) captive stainless steel screws. Powder coated allen head set screws concealed but accessible from bottom.

Finish
Durable polyester powder coat bronze finish.

IP IMPACT QUARTER SPHERE

100 - 150W
Pulse Start Metal Halide
High Pressure Sodium

FULL CUTOFF WALL MOUNT LUMINAIRE

DARK SKY COMPLIANT

IMPACT

ORDERING INFORMATION

Catalog Number	Shape	Lamp Source	Lamp Wattage	Voltage	Color
Pulse Start Metal Halide					
MP5151	Quarter Sphere	Pulse Start Metal Halide	150W	MT - 120/277/208/240/277V	Bronze
MP5151	Quarter Sphere	Pulse Start Metal Halide	150W	MT - 120/277/208/240/277V	Bronze

Notes: Standard multi-tap ballast. Lamp included. Refer to In-Stock Guide for availability.

DIMENSIONS

HOOK-N-LOCK MOUNTING
(Mounting attachment included. J-Box not included.)

PHOTOMETRICS (Complete IES files available at www.cooperlighting.com)

Footcandle Data
Data is based on straight and round across for footcandle values of each footcandle line. Footcandle values are based on Mounting Height, Footcandle Grid Height.

MP6151 / MP5151	A	C	D	E
10'	7.53	2.88	1.44	0.72	0.29
12'	5.90	2.88	1.88	0.93	0.29
14'	3.85	1.88	0.72	0.37	0.07

TECHNICAL DATA
Ambient Temperature: 50°C Maximum Ambient Temperature
External Supply Wiring 90°C Minimum
Green Mountain - Wet Location
Ice Mountain - Damp Location

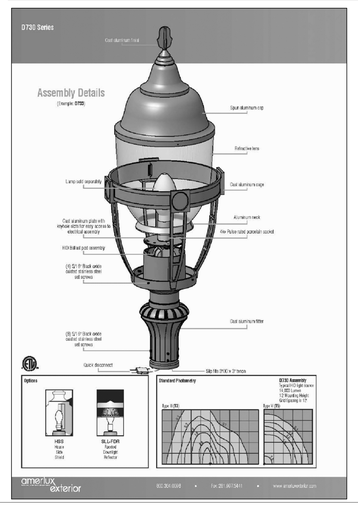
ENERGY DATA
High Reactance Ballast Input Watts
150W MP HPS (150 Watts)
150W MP MPF (150 Watts)
150W HPS MPF (150 Watts)
150W MP MPF (150 Watts)

SHIPPING DATA
Approximate Net Weight:
18 lbs. (8 kgs.)

COOPER Lighting
www.cooperlighting.com

ADM1997/8
2010-01-21 09:00:08

TYPICAL SITE LIGHT - TYPE 'C' (REFER TO CIVIL DRAWINGS FOR POLE AND FOOTING DETAIL)



D73S Series

Assembly Details
(Designs D73S)

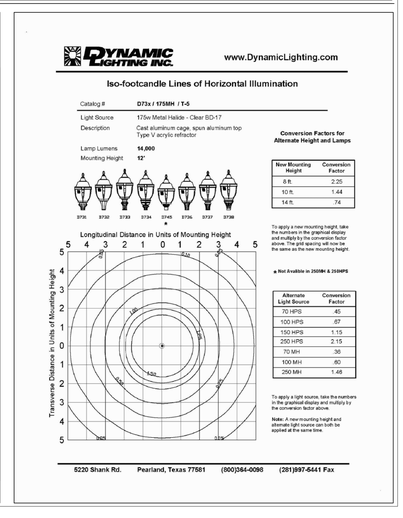
Cast aluminum cap
Spun aluminum top
Refractor lens
Lamp (sold separately)
Cast aluminum cage
Cast aluminum plate with stainless steel screws to electrical assembly
Aluminum neck
Hole Plates (one accessory included)
HID ballast post assembly
(6) 5/16" Black oxide socket screws (bell screws)
Cast aluminum fitter
(8) 5/16" Black oxide socket screws (bell screws)
Quick Disconnect
Site fitter 3½" x 3" tenons

Options
HSS Hexa Side Shield
SLL/FOR Spotted Low/High Reflector

Standard Footcandlery
Age 10 ft.
Age 14 ft.

D73S Assembly
Lamp: 175 watt high pressure mercury vapor
13.5 lbs. (6.1 kg)
32" (1.8 kg) to 14'
(8.5 kg) to 20'

ameriluxexterior
800.361.0300 • Fax 281.361.6411 • www.ameriluxexterior.com



DYNAMIC LIGHTING INC.
www.DynamicLighting.com

Iso-footcandle Lines of Horizontal Illumination

Catalog #	D73x / 175MH / T-5
Light Source	175w Metal Halide - Clear BD-17
Description	Cast aluminum cage, spun aluminum top Type V acrylic refractor
Lamp Lumens	14,000
Mounting Height	12'

D73L D73S D73M D73H D74L D74S D73T D73B

Longitudinal Distance in Units of Mounting Height

Transverse Distance in Units of Mounting Height

Conversion Factors for Alternate Height and Lamps

New Mounting Height	Conversion Factor
8 ft.	2.25
10 ft.	1.44
14 ft.	.74

To apply a new mounting height, take the numbers in the graphical display and multiply by the conversion factor above. Note: A new mounting height and the same as the new mounting height.

Not Available in 250MH & 250HPS

Alternate Light Source	Conversion Factor
70 HPS	.45
100 HPS	.67
150 HPS	1.15
250 HPS	2.15
70 MH	.36
100 MH	.60
250 MH	1.48

To apply a light source, take the numbers in the graphical display and multiply by the conversion factor above.

Note: A new mounting height and alternate light source can both be applied at the same time.

5220 Shank Rd. Pearland, Texas 77581 (800)364-0096 (281)997-6441 Fax

© 2011 MARCHIONDA & ASSOCIATES, L.P.

REGISTRY USE ONLY

APPROVED BY THE TOWN OF READING PLANNING BOARD

DATE

Huntress Associates, Inc.
Landscape Architecture & Land Planning
17 Tewksbury Street
Andover, Massachusetts 01810
978 470 8882 FAX 978 470 8890

REV.	DESCRIPTION	DATE

DRW: DSG: CHK:

SITE LIGHTING PLAN

READING WOODS
in
READING, MA

Prepared For

PULTE HOMES OF NEW ENGLAND, L.L.C.
115 FLANDERS ROAD
WESTBORO, MA 01581

Marchionda & Associates, L.P.
Engineering and Planning Consultants
62 Montvale Avenue
Suite I
Stoneham, MA 02180
TEL: (781) 438-6121
FAX: (781) 438-9654
Email: engineering@marchionda.com
Website: www.marchionda.com

DATE: 1/4/11

H:\PROJECTS\487-187\PLAN SET 1-2011\LEGEND AND NOTES.DWG

M. & A. NO.: 487-187 SCALE: 1" = 60'

SHEET L-8 OF 8