Project Name:	Town line Estate
Property Location:	22 Populatic Street
Type of Project/Permit:	Residential Subdivision - Permanent Private Way
Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.6.2 B WATER FACILITIES INSTALLATION
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	Water mains, with hydrants, valves and other fittings, shall be constructed and installed within the subdivision as necessary to provide to all lots therein
What aspect of the Regulation do you propose be waived?	Request waiver from the installation of water main, hydrant and valves and other equipment required for water main tie in.
What do you propose instead?	Service connection from Water Main in Populatic St. to one (1) Proposed house
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	Hydrant and water main not necessary to service only one (1) new home. Medway Fire Depart concurs with elimination of fire hydrant.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$5,000
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Less site excavation resulting in less ground disturbance and with tree root damage. Preservation of natural resource/vistas.
What is the impact on the development if this waiver is denied?	Increase site disturbance, lesser site aesthetics, increased project cost.
What are the design alternatives to granting this waiver?	Require the installation of Fire hydrant, water main and associated fittings.
Why is granting this waiver in the Town's best interest?	Provides for less site disturbance and eliminates the need for town maintenance of hydrant/water line.
<i>If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?</i>	\$400/Year (Est.) Includes system wide water line maintenance & Hydrant Maintenance/Flushing.
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	Proposed development will be limited to one (1) additional lot only. No additional measures required as per Medway Fire Department.
What is the estimated value of the proposed mitigation measures?	\$0
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Please contact the Medway PED office at 508-533-3291.	



TOWN OF MEDWAY

FIRE DEPARTMENT

JEFFREY P. LYNCH FIRE CHIEF



Tel: (508) 533-3211 Fax: (508) 533-3254

44 MILFORD STREET MEDWAY, MA 02053

> Mr. Jeff Kane L.A.L. Engineering Group 730 Main St. – Suite 1F Millis, Ma 02054

Mr. Kane,

June 19, 2017

This letter will serve as confirmation of our meeting on June 7, 2017 regarding 22 Populatic Street with Assistant Chief Michael Fasolino and myself.

In the meeting the Fire Department has agreed to the following;

The present hydrant locations on Populatic Street were sufficient for the proposed single family house being constructed.

A 16' paved roadway width with a 2' dense graded stone shoulder on each side of the road. (20' effective width), capable of supporting 75,000 pounds. Provide a driveway to the new house that allows an ambulance to turn around at the house.

Waive the requirement for a Master Street Box as the Town is phasing out Master Boxes. The requirement for residential smoke and carbon monoxide detectors installed in accordance with the Massachusetts Fire Code, however, is still required.

In the event this road is extended or additional buildings which are not ancelary to the use of the single family home being constructed such as additional housing units or large buildings, then the roadway will be required to be upgraded to 20' width paved and an additional hydrant(s) will need to be installed closer to the building(s).

If you have any questions please feel free to contact me.

Sincerely,

Jeffrey P. Lynch Chief of Department

Project Name:	Town line Estate
Property Location:	22 Populatic Street
	Residential Subdivision - Permanent Private Way
Type of Project/Permit: Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.6.2 D Sewer
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	Sewer manholes, sewer service laterals and other sanitary sewer components shall be constructed and installed within the subdivision as necessary to provide to all lots therein adequate municipal sewer service.
What aspect of the Regulation do you propose be waived?	Request Waiver from Installation of Sewer Manholes, service laterals and other Sanitary Sewer components.
What do you propose instead?	On Site (Lot 2) Title 5 Compliant Septic System
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	Length of sewer lateral required for a single home is cost probative, installation would increase site disturbance and requires second street opening disturbance.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$2,000 + \$1,150 (Fee)= \$3,150
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Less site excavation resulting in less ground disturbance and with tree root damage. Preservation of natural resource/vistas.
What is the impact on the development if this waiver is denied?	Increase site disturbance,2nd street opening disturbance, increased project cost.
What are the design alternatives to granting this waiver?	Require the installation of Sewer Manholes, service laterals and other sanitary sewer components.
Why is granting this waiver in the Town's best interest?	Provides for less site disturbance and eliminates the need for town repair of 2nd street opening trench.
<i>If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?</i>	\$2000. Trench Patch repair
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	Require the construction of an on-site Title 5/Medway BOH compliant septic system.
What is the estimated value of the proposed mitigation measures?	\$10,000
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Please contact the Medway PED office at 508-533-3291.	

7/8/2011

Project Name:	Town line Estate
Property Location:	22 Populatic Street
Type of Project/Permit:	Residential Subdivision - Permanent Private Way
Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.7.2 P. Stormwater
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	Detention and retention basins and underground infiltration systems and any related drainage structures shall be located on separate parcels and shall not be included on individual house/building lots. The limits of detention and retention basins and related structures shall not be closer than thirty feet (30') from its lot/parcel line and any right-of way.
What aspect of the Regulation do you propose be waived?	Request Waiver from drainage structures located on separate parcels and retention basins no closer than thirty feet (30') from lot/parcel line and right-of-way.
What do you propose instead?	Retention basin/swales located within right-of-way and adjacent buildable lot.
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	Granting of waiver will allow for the retention and use of the existing, naturally occurring infiltration area and site topography.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$3,000
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Less site excavation resulting in less ground disturbance and tree root damage. Preservation of natural resource/vistas and allow the use of roadside swales and the allowing of stormwater facilities to be integrated into the existing topography.
What is the impact on the development if this waiver is denied?	Increase site disturbance/grading, tree loss and increased project costs.
What are the design alternatives to granting this waiver?	Provide separate Lot for infiltration basin, pipe stormwater to new excavated infiltration area and fill in existing naturally occurring infiltration area.
Why is granting this waiver in the Town's best interest?	Provides for less site disturbance and allows for using the existing topography.
If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?	\$0 Privately maintained drainage system.
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	Retaining natural features/site topography.
What is the estimated value of the proposed mitigation measures?	\$2,000
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Please contact the Medway PED office at 508-533-3291.	

Project Name:	Town line Estate
Property Location:	22 Populatic Street
Type of Project/Permit:	Residential Subdivision - Permanent Private Way
Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.9.1 Street & Roadway
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	An independent drainage system shall be provided to collect and discharge subsurface runoff from the foundation perimeter drains for the houses along the proposed roadway.
What aspect of the Regulation do you propose be waived?	Request Waiver from requirement to construct an independent drainage system for foundation perimeter drains.
What do you propose instead?	Elimination of foundation drain or discharing foundation drain on lot.
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	In-situ soils and site grades allow for elimination of perimeter drain or on- lot "daylighting" of drain pipe with associated recharge to groundwater.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$2,000
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Less site excavation resulting in less ground disturbance and tree root damage. Preservation of natural resource/vistas.
What is the impact on the development if this waiver is denied?	Increase site disturbance/grading, tree loss and increased project cost.
What are the design alternatives to granting this waiver?	Eliminating foundation drain or daylighting" foundation drain pipe on lot.
Why is granting this waiver in the Town's best interest?	Provides for less site disturbance and allows for using the existing topography.
<i>If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?</i>	\$0 Privately maintained drainage system.
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	Retaining natural features/site topography, handling foundation drainage on lot.
What is the estimated value of the proposed mitigation measures?	\$500
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Please contact the Medway PED office at 508-533-3291.	

Project Name:	Town line Estate
Property Location:	22 Populatic Street
Type of Project/Permit:	Residential Subdivision - Permanent Private Way
Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.9.2.d - Alignment
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	Property lines at a street intersection shall be rounded or cut back to provide a property line radius of twenty-eight feet (28'), or for a curb radius of not less than forty feet (40'), whichever is more stringent
What aspect of the Regulation do you propose be waived?	Request Waiver from required curb radius of 40'.
What do you propose instead?	Provide a curb radius of 12'.
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	Roadway will be a Permanent Private Way" servicing one (1) lot, a 12' curb radius will provide sufficient turning width for the anticipated roadway volume.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$1,000
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Less site excavation resulting in less ground disturbance and tree root damage. Preservation of natural resource/vistas.
What is the impact on the development if this waiver is denied?	Increase site disturbance/grading, tree loss, increased project cost.
What are the design alternatives to granting this waiver?	Providing the required 40' curb radius at roadway entrance.
Why is granting this waiver in the Town's best interest?	Provides for less site/vegetation disturbance. Retain mature trees along roadway and help retain "Rural New England" character of roads.
If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?	\$0.
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	Retaining natural features/vistas.
What is the estimated value of the proposed mitigation measures?	\$0.
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Pleas	e contact the Medway PED office at 508-533-3291.

Project Name:	Town line Estate
Property Location:	22 Populatic Street
Type of Project/Permit:	Residential Subdivision - Permanent Private Way
Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.9.5.c - Grade
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	At the intersection of street right-of-way lines, there shall be provided in a residential subdivision a leveling (fixed slope) area of at least one hundred feet (100') with a maximum grade of two percent (2%),
What aspect of the Regulation do you propose be waived?	Request Waiver from required leveling area length of 100'.
What do you propose instead?	Provide a leveling area length of 50'.
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	Roadway will be a Permanent Private Way" servicing one (1) lot; a 50' leveling area provides sufficient queue length, stopping distance and sight distance for the anticipated roadway volume.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$1500
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Less site excavation/fill resulting in less ground disturbance and tree root damage. Preservation of natural resource/vistas. Allows for the use of the existing topography.
What is the impact on the development if this waiver is denied?	Increase site disturbance/grading, tree loss and increased project cost.
What are the design alternatives to granting this waiver?	Providing the required 100' leveling area at the roadway intersection.
Why is granting this waiver in the Town's best interest?	Provides for less site/vegetation disturbance. Retain mature trees along roadway
<i>If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?</i>	\$0.
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	Retaining natural features/vistas.
What is the estimated value of the proposed mitigation measures?	\$0.
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Pleas	e contact the Medway PED office at 508-533-3291.

Project Name:	Town line Estate
Property Location:	22 Populatic Street
Type of Project/Permit:	Residential Subdivision - Permanent Private Way
Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.9.7.g - Roadway Construction
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	The minimum widths of the roadway pavement shall be as follows: <i>Permanent Private Way</i> Eighteen Feet (18')
What aspect of the Regulation do you propose be waived?	Request Waiver from required roadway width of 18'.
What do you propose instead?	Provide roadway width of 16' with 2' traversable gravel shoulder/side.
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	Roadway will be a Permanent Private Way" servicing one (1) lot, a 16' paved way will provide sufficient width for the anticipated roadway volume. Reduced impervious surface concurrent with "Low Impact Development" measures. Medway Fire approves of roadway width.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$5000
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Create less impervious area resulting in less runoff, increases concurrence with "Low Impact Development" measures and helps retain the "Rural New England" character of the new road.
What is the impact on the development if this waiver is denied?	Increase in impervious area, loss of "Rural New England" character of roadway and increased project costs.
What are the design alternatives to granting this waiver?	Providing the required 18' roadway pavement width.
Why is granting this waiver in the Town's best interest?	Provides additional adherence to the DEP 2008 Stormwater Policy by minimizing the creation of new site impervious areas. Provide "Rural New England" road.
<i>If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?</i>	\$0.
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	Providing a 2' gravel shoulder on both sides of the roadway that will provide a 20' overall traversable width which is greater than the required width.
What is the estimated value of the proposed mitigation measures?	\$2500.
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Please contact the Medway PED office at 508-533-3291.	

Project Name:	Town line Fototo
Property Location:	Town line Estate 22 Populatic Street
Type of Project/Permit:	Residential Subdivision - Permanent Private Way
Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.10.2 - Curbs and Berms
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	Curbing shall be provided the full length of all streets along each side of theroadway. The following curb types are required for the various street categories:Permanent Private WayHot Mix Asphalt Cape Cod Berm
What aspect of the Regulation do you propose be waived?	Request Waiver from required installation of Hot Mix Asphalt Cape Cod Berm
What do you propose instead?	Provide roadside swale and 1' Gravel Shoulder on each side of roadway.
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	Eliminating the required berm on both sides of the roadway will allow for the the desirable (Ma DEP) use of roadside swale for conveying roadway runoff.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$4000
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Create less impervious area resulting in less runoff and increase on site infiltration that better mimics the existing natural conditions. Eliminating berm will allow for the desirable (Ma DEP) use of roadside swale for conveying roadway runoff and help retain the "Rural New England" character of the road.
What is the impact on the development if this waiver is denied?	Create the need for catch basin and pipe closed drainage system with associated cost increase and w/out beneficial "country" drainage system.
What are the design alternatives to granting this waiver?	Providing the required bituminous concrete berm on both sides of the roadway.
Why is granting this waiver in the Town's best interest?	Provides additional adherence to the DEP 2008 Stormwater Policy by minimizing the creation of new site impervious areas.
<i>If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?</i>	\$0.
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	Providing 1' gravel shoulder on both sides of the roadway that will provide the required 18' overall roadway width.
What is the estimated value of the proposed mitigation measures?	\$2500.
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Please contact the Medway PED office at 508-533-3291.	

7/8/2011

Project Name:	Town line Estate
Property Location:	22 Populatic Street
Type of Project/Permit:	Residential Subdivision - Permanent Private Way
Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.17.1 Fire Prevention and Protection
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	A fire alarm system shall be installed in accordance with the specifications of and located as directed by the Medway Fire Department or a sum of money paid to the Town equal to the cost of installing a fire alarm system within the subdivision,
What aspect of the Regulation do you propose be waived?	Request Waiver from required installation of Fire Alarm system and sum of money
What do you propose instead?	Proposed home (1) will be protected by fire/smoke detectors per building code.
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	Per meeting with Medway Fire Department, fire alarm system installation is being "Phased out" by the Medway Fire department.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$3000
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Eliminating the fire alarm system in the roadway will meet the desired "phasing out" of the system installation as stated by the Medway Fire department.
What is the impact on the development if this waiver is denied?	The applicant will be faced with undue expense of installing a utility service that is being "Phased out" of use.
What are the design alternatives to granting this waiver?	Providing the required fire alarm service & apparatuses in the new roadway.
Why is granting this waiver in the Town's best interest?	Keeps within the frame work of "Phasing out" the roadway fire alarm system.
<i>If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?</i>	\$500/yr. Based on system maintenance.
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	The proposed single-family home will be served by interior fire/smoke/CO detectors per the Building Code.
What is the estimated value of the proposed mitigation measures?	\$3000.
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Please contact the Medway PED office at 508-533-3291.	

7/8/2011

Project Name:	Town line Estate
Property Location:	22 Populatic Street
Type of Project/Permit:	Residential Subdivision - Permanent Private Way
Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.19.2 Trees and Slope Stabilization
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	At least three (3) trees are to be located on each lot at approximately forty foot (40') intervals and shall be planted no more than twenty (20) feet from the right-of-way line.
What aspect of the Regulation do you propose be waived?	Request Waiver from required installation of street trees.
What do you propose instead?	Reduce road width to allow maximum # of existing mature trees to remain.
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	Using existing mature trees will allow retention of health woody growth. Planting new growth under the under story of the mature trees would be counter productive to new tree growth.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$2400
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Allow for the retention of the "Rural New England" character of the site by utilizing existing mature trees to function as street trees.
What is the impact on the development if this waiver is denied?	Some existing mature trees would be removed to allow successful placement of new trees.
What are the design alternatives to granting this waiver?	Providing the required # of street trees.
Why is granting this waiver in the Town's best interest?	Allow for the retention of the "Rural New England" character of the site by utilizing existing mature trees to function as street trees.
<i>If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?</i>	\$0. Privately maintained road.
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	Retaining the maximum # of mature trees as possible and providing "Rural New England" character for new roadway.
What is the estimated value of the proposed mitigation measures?	\$0.
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Please contact the Medway PED office at 508-533-3291.	

Project Name:	Town line Estate
Property Location:	22 Populatic Street
Type of Project/Permit:	Residential Subdivision - Permanent Private Way
Identify the number and title of the relevant Section of the applicable Rules and Regulations from which a waiver is sought.	7.21 Streetlights
Summarize the text of the relevant Section of the Rules and Regulations from which a waiver is requested.	It shall be the responsibility of the developer to install street lighting within the subdivision at the entrance to the subdivision, at all intersections within the subdivision, sharp turns, or other areas where the Traffic Safety Officer deems
What aspect of the Regulation do you propose be waived?	Request Waiver from required installation of streetlights at intersection of new road and Populatic St.
What do you propose instead?	Allow on Lot lighting per owner preference
Explanation/justification for the waiver request. Why is the waiver needed? Describe the extenuating circumstances that necessitate the waiver request.	The road is, in essence, a driveway and the anticipated traffic emanating from this new road does not warrant a streetlight. Neither new/existing roadway have sidewalks. A streetlight would create light nuisance to abutters and take away from rural character of both roadways.
What is the estimated value/cost savings to the applicant if the waiver is granted?	\$4000
How would approval of this waiver request result in a superior design or provide a clear and significant improvement to the quality of this development?	Allow for the retention of the "Rural New England" character of the site by utilizing existing mature trees to function as street trees.
What is the impact on the development if this waiver is denied?	Increase in nuisance light pollution, loss of rural road character creation of 2nd buildable lot to offset cost.
What are the design alternatives to granting this waiver?	Providing a street light at the intersection of new road & Populatic St.
Why is granting this waiver in the Town's best interest?	Allow for the retention of the "Rural New England" character of the roadways, and prevents nuisance light pollution
<i>If this waiver is granted, what is the estimated cost savings and/or cost avoidance to the Town?</i>	\$0. Privately maintained road.
What mitigation measures do you propose to offset not complying with the particular Rule/Regulation?	Owner of the one (1) created lot will provide on site landscape lighting at driveway/road intersection.
What is the estimated value of the proposed mitigation measures?	\$2000.
Other Information?	
Waiver Request Prepared By:	Jeffrey Kane- L.A.L. Engineering Group
Date:	
Questions?? - Please contact the Medway PED office at 508-533-3291.	