CLARK ENGINEERING LLC

156 Crowell Road, Suite B Chatham, MA 02633 David A. Clark, P.E. Wendy M. Jones

Phone: (508) 945-5454 Fax: (508) 945-5458

CLARK

September 30, 2021

Town of Harwich Planning Board 732 Main Street Harwich, MA 02645

Re: Road Construction, Caldwell Lane (a.k.a. Uncle Jack's)

Dear Board Members:

I have been routinely inspecting the progress of road construction and installation of municipal utilities at the above referenced subdivision project. To date the following items have been constructed in accordance with the approved plans and attached pictures:

- Grubbing, clearing and excavation to subbase elevation
- Municipal Water
- Stormwater Controls (Catch Basins and Infiltration Pits)
- Electrical and Communication Utilities
- Roadway Base Course
- Binder Course of asphalt
- Loaming and seeding of shoulders and side slopes

Should you have any questions please contact me.

Sincerely yours,

Clark Engineering

David A Æfark, P.E.

DAC/slh enclosures

copy: Eastward Companies

P:\ADMINISTRATIVE\Active Client Files\Eastward (Uncle Jack)\Plan Bd Road Construction letter_2021-09-30.doc



Inspection Date 7/12/21

Subbase Station 2+00 to Station 4+00



Inspection Date 7/12/21

Subbase Station 4+00 to Station 0+00



Inspection Date 7/12/21

Subbase Station 4+00 to Station 6+00



Inspection Date 8/02/21

Catchbasins Station 0+10



Inspection Date 8/02/21 Infiltration Bed Station 0+10



Inspection Date 8/02/21 Infiltration Bed Station 2+50



Inspection Date 8/02/21

Catchbasins Station 2+50



Inspection Date 8/02/21

Infiltration Basins Station 4+75



Inspection Date 8/02/21 Catchbasins Station 4+75



Inspection Date 8/20/21

Subbasin installation and rolling Station 2+00 to Station 4+00



Inspection Date 8/20/21

Subbasin installation and rolling Station 4+50 to Station 6+00

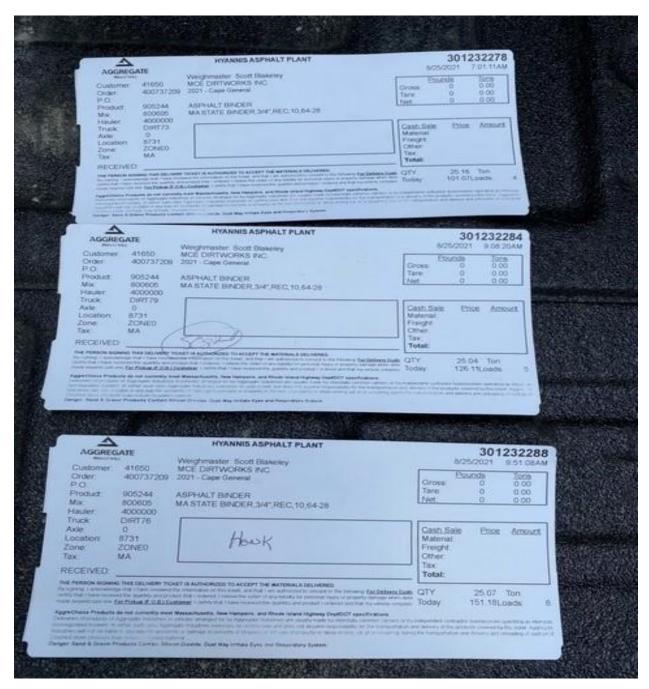


Inspection Date 8/20/21

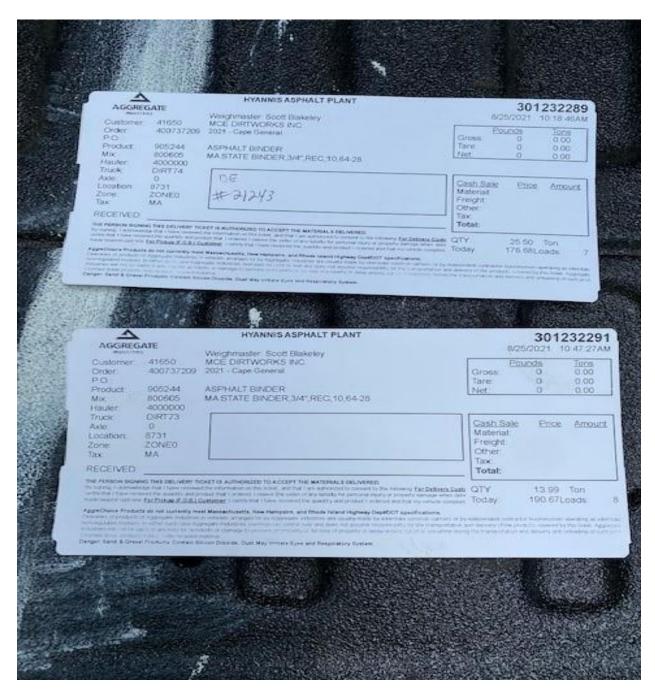
Subbasin installation and rolling Station 3+00 to Station 0+00 $\,$



Inspection Date 8/25/21 Paving Bills of Lading



Inspection Date 8/25/21 Paving Bills of Lading



Inspection Date 8/25/21 Paving Bills of Lading

The record area of pavement is 17,000 square feet. Based upon an asphalt density of 145 lbs/cf, the thickness of pavement is calculated as follows:

1 cf/145 lbs x 190.67 tons x 2,000 lbs/ton \div 17,000 sf = 0.155 ft. or 1.85 in.

The approved plan required only 1 3/4 in. of binder.



Inspection Date 9/27/21 Hydroseeding

CALDWELL LANE ROAD CONSTRUCTION COST ESTIMATE BY EASTWARD COMPANIES

September 27, 2021

<u>TASK</u>	COST	COMPLETED
Cutting, clearing, and grubbing	\$9,000	100%
Strip loam and hardener	\$6,000	100%
Road to grade/roughgrading	\$8,000	100%
Drainage system	\$55,000	100%
Water System	\$32,000	100%
Underground Utilities	\$33,800	100%
Hardener/Gravel Base	\$18,000	100%
Binder Course (bituminous concrete)	\$28,077	100%
Final Pave (finish course bituminous concrete, & berms)	\$14,823	0%
Side Slopes (loaming complete & seeding next week)	\$10,000	100%
Bounds	\$4,000	0%
Street Sign (at DPW, waiting to be installed)	\$1,000	0%
Preparation and Submission of As-Built Plans	\$2,000	0%
Clean-up	\$1,000	0%
TOTAL Remaining Work Total	\$222,700 \$22,823	
		DAVIDA CLARK CIVIL No. 41725



September 30, 2021

Harwich Planning Board Town Hall 732 Main Street Harwich, MA 02645

RE: Caldwell Lane (Formerly Uncle Jack's Path) – East Harwich Full Release Request (Lots 2, 3, 4, 5, and 6)

Dear Members of the Board:

Eastward MBT LLC, Trustee of Eastward Homes Business Trust, William Marsh, Manager, owner of Lots 2, 3, 4, and 5, and Carol and David Legendre, owners of Lot 6, are requesting a full release of lots (Lots 2, 3, 4, 5, and 6) to be scheduled for your meeting on Thursday, October 14, 2021.

We are submitting two (2) copies of the following required items for your review:

- 1. Planning Board Application Covenant Release Request
- 2. Filing Fee Check \$265.00
- 3. Road Construction Estimate Stamped by David Clark, P.E.
- 4. Road Inspection Package Prepared by David Clark, P.E.

We have completed all required work, except for the following:

- 1. Final course of pavement and berms (To be installed next spring)
- 2. Bounds (To be installed in the next few months)
- 3. Street Sign (DPW is holding sign and will install in next few weeks.)
- 4. As-Built Plans (To be prepared following final pavement and bound installation)
- 5. Street Clean-up (Following installation of final course/berms)

We estimate that the remaining work will total \$22,823.00 to complete and would request a full release of the lots in lieu of a cash surety/posting of security.

We appreciate your consideration of our request. If you should have any questions or need additional information for your review, please do not hesitate to contact me.

Sincerely,

Susan B. Ladue

Regulatory Specialist

Fusan B. Ladue

TOWN OF HARWICH PLANNING DEPARTMENT

PLANNING BOARD APPLICATION COVENANT RELEASE REQUEST FORM B-4 9/30/21 DATE TO THE TOWN CLERK, HARWICH, MA Applicant Name(s) SUSAN LADUE, REGULATORY SPECIALIST Organization KIWARD COMPANIES Street/PO Box Town, ST, Zip MA 02633 Phone Fax sladue@eastwardco.com E-mail The applicant is one of the following: (please check,appropriate box) ☐ Tenant* ☐ Prospective Buyer* ☐ Representative for Owner/Tenant/Buyer **W** Owner ☐ Other* *Written permission of the owner(s) and municipal lien certificate is required. Please release from covenant the lots requested as follows: Original Planning Board Case # Covenant # Lot #'s being requested for Is this a request for full release or partial? As-built Plan stamped by Professional Engineer Please attach: CAROL + DAVID Completed Road Inspection Form LEGENDRE-DWNERS > Estimate for unfinished work (if partial request) OF LOTS 146 > All other forms and information as required in the Rules PASTWARD MATUC, TR and Regulations shall be submitted as part of this application. OWNER OF LOTS 2,3, Your signature hereby asserts, to the best of your knowledge, that the information submitted in this application is true and accurate; that you agree to fully comply with the Town of Harwich Zoning By-laws and the terms and conditions of any approval of this application by the Planning Board; and authorizes the Members of the Planning Board and Town Staff to visit and enter upon the subject property for the duration of the consideration of this application. Applicant 3E ATTACHED SIGNED APPLICATION Owner(s) - Authorization must accompany application if the owner is not the applicant.

TOWN OF HARWICH PLANNING DEPARTMENT

ELANNING BOARD APPLICATION COVENANT RELEASE REQUEST

FORM B-4



TO THE TOWN CLERK, HARWICH, MA

DATE 9/30/21

Applicant Name(s)	GUSHN LADLE, REGULATORY SPECIALIST
Organization	LACTUARD COMPANIES
Street/PO Box	IEE CRINELL RAD
Town, ST, Zip	CHAMAN, MA 02433
Phone	508-324-3684
Fax	Approximation of the programme of the pr
E-mail	staduce costivarico, cem
The applicant is one of the Owner ☐ Tenant'☐ Other	ne following: (please check appropriate box) * □ Prospective Buyer* (K)Representative for Owner/Tenant/Buyer
	the owner(s) and municipal lien certificate is required.
Please release from	m covenant the lots requested as follows:
Original Planning Board	Case# ZOUZ SUBDIVISION PUNN FUNN 581/30
BODY THE STREET CONTRACTOR OF THE PARTY OF T	Case# 2002 SUBDIVISION PUND 581/30
Lot #'s being reques	110,01/101 4,1,01/10
Is this a request for full r	sted for 2, 3, 4, 5, 4 (LOT WAS RELEASED release 1, 2007 21872/23
	attach: Completed Road Inspection Formation
VOAVID Please	attach: As-built Plan stamped by Professional Engineer
ENDINE DWINE	THE CONTRACTOR DESIGNATION OF THE PROPERTY OF
E LOTS 176	All other forms and information as account of the
ARD MATILO TWARD HEALE	and Regulations shall be submitted as part of this
TOP LOTS 2,	S / S C 4 . 7 (C) application.
uthorization	
our signature hereby assems, courate; that you some to be	to the best of your knowledge, that the information submitted in this application is true as any one of the town of Harwich Zoning Budgers and the town.
A server inhort the stablect budg	erry for the duration of the consideration of this application
Susau B	Lache tol Eastward Coursens
pplicary 2 1 1	7.0 (1)
TONO S	Viere de No. 12
mier(s) - Authorization i	must accompany application if the owner is not the posterior

CKLOCK™ SECURITY FEATURES LISTED ON BACK INDICATE NO TAMPERI

Eastward Companies Business Trust

155 Crowell Road Chatham, MA 02633 (508) 945-2300

Salem Five Cents Savings Bank Salem, MA 01970 53-7055/2113

50036

9/24/2021

PAY TO THE ORDER OF

Town of Harwich

**265.00



Town of Harwich 732 Main Street Harwich, MA 02645



and I Mela

MEMO

Caldwell Lane - lot release

Eastward Companies Business Trust - Salem x1730

50036

Town of Harwich

9/24/2021

265,00

Caldwell Lane - lot release

Salem 5 - Checking 1 Caldwell Lane - lot release

265.00