	OLD GOAI, Policy, Page Reference			To learn how to provide public comment visit: https://skagitcounty.net/2025c Or email pdscomments@co.skagit.wa.us with the proposal name "Skagit County's Comprehensive Plan Dr Policies" in the subject line. Include your comments in the body of your ema			
Element	(THIS HAS CHANGED IN THE NEW DOCUMENT )2	Theme	Comprehensive Plan - Policy (Full Text Copied from 2016 Plan)	Proposed Policy Change or Proposed New Policy	Reasoning from Consultant	Reason for Change Summarized	
Land Use	2H, 2H-1.6, 59	Public Facilities	The County code must establish approval criteria for facility requirements and impacts. Proposals should be conditioned to be consistent with the County Comprehensive Plan, functional plans, and development regulations. The County may execute interlocal agreements regarding the siting, operation and/or expansion of such facilities within Skagit County. Agreements are encouraged to the extent they would result in locally beneficial siting decisions, facilitate the sponsor's voluntary provision of enhanced mitigation measures exceeding those required by applicable regulatory standards, and/or provide for mitigation of any disproportionate financial burden on the County created by the proposed facility.	The County code must eEstablish approval criteria for facility requirements and impacts. Proposals should be conditioned to be consistent with the County Comprehensive Plan, functional plans, and development regulations. The County may execute interlocal agreements regarding the siting, operation and/or expansion of such facilities within Skagit County. Agreements are encouraged to the extent they would result in locally beneficial siting decisions, facilitate the sponsor's voluntary provision of enhanced mitigation measures exceeding those required by applicable regulatory standards, and/or provide for mitigation of any disproportionate financial burden on the County created by the proposed facility.	Revised for clarity.	Administrative Cleanup	
Land Use	2H, 2H-1.7, 59	Public Facilities	The applicant for a proposed essential public facility must provide justification for the location of the facility based upon anticipated need and the service area.	The Ensure the applicant for a proposed essential public facility must provides justification for the location of the facility based upon anticipated need and the service area.	Consitency of voice and active policy sentence revision.	Administrative Cleanup	
Land Use	2H, 2H-1.8, 59	Public Facilities	Skagit County shall encourage the siting of essential public facilities equitably so that no single community and no racial, cultural or socio-economic group should absorb an inequitable share of these facilities and their impacts. In addition, siting should consider environmental, economic, technical. and service area factors.	Skagit County shall encourage the siting of essential public	Active verb; combine with 2H	-	
Housing	7A, New, 216	Housing Supply	Ensure that the supply of housing and sufficient land capacity keep pace with population growth in the County.		Revise to address the need to provide housing at all income levels to address state requirements from HB 1220. State reference 36.70A.070 (2)	Growth Management Act Consistency	

#### Date Exported: February 14, 2025

Disclaimer: This document is meant to help readers understand ho change and provides a general understanding how the policy has Some policies may appear different in the Comprehensive Docume exporting to the document from this matrix or otherwise. If you see compared to the Comprehensive plan use the above email to let sta The Comprehensive Plan document is the final and official version

### icpa Draft nail.

	Reason for Change
Reasoning from Consultant	Summarized
Revised for clarity	Administrative Cleanu

	OLD Goal, Policy, Page Reference (THIS HAS CHANGED	:		To learn how to provide public comment visit: https://skagitcounty.r Or email pdscomments@co.skagit.wa.us with the proposal name "Skagit County's Comprehensive Policies" in the subject line. Include your comments in the body of		
Element	IN THE NEW DOCUMENT )2		Comprehensive Plan - Policy (Full Text Copied from Plan)	2016 Proposed Policy Change or Proposed New Policy	Reasoning from Consultant	Reason for Change Summarized
Housing	New	Housing Supply		Identify sufficient land countywide for existing and projected residential needs for moderate, low, very low, and extremely low income households including, but not limited to, middle housing, ADUs, manufactured housing, multifamily housing, group homes, emergency housing, emergency shelters, and permanent supportive housing.	HB 1220 - language with different types of housing, including middle housing, and PSH. Consider expanding discussion on middle housing in the UGAs. State reference 36.70A.070 (2)	Growth Management Act Consistency
Housing	New	Housing Supply		Permit accessory dwelling units (ADUs) in rural residential zones to provide additional housing choices for all economic levels, multi-generational, and smaller households. Allow at least two ADUs in UGAs where single family homes are permitted.	Consider this as an option to affordable housing in rural areas. ADU rule in the UGA per HB 1337	Growth Management Act Consistency
Housing	7A, 7A-1, 216	Housing Affordability	Maintain a progressive program of financial, regulatory development measures that will produce opportunities full range of housing affordability.		Revise to address the need to provide housing at all income levels to address state requirements from HB 1220. State reference 36.70A.070 (2)	Growth Management Act Consistency
Housing	7A, 7A-1.1, 216	Housing Affordability	Work with housing producers and stakeholders in urbar rural areas to apply creative solutions to infill and development using techniques such as attached dwell units, co-housing, home-sharing, accessory dwelling u clustering, planned unit developments and lot size ave consistent with the community's vision for urban grown and rural character.	rural areas to apply creative solutions to infill and ling development using techniques and housing options such as units, attached dwelling units, co-housing, home-sharing, accessor	HB 1110 - Increasing middle housing in areas traditionally dedicated to single-family y detached housing. State law reference: 36.70A.030	Consistency
Housing	7A, 7A-1.2, 216	Housing Affordability Education	Develop explanatory materials, offer pre-application conferences, and employ other measures to facilitate review and approval of building permit and land use	No recommended change.		
Skagit Count	y Comprehensive		applications.	Date Exported: February 14, 2025 Disclaimer: This document is meant to help readers understand change and provides a general understanding how the policy ha some policies may appear different in the Comprehensive Docu exporting to the document from this matrix or otherwise. If you s compared to the Comprehensive plan use the above email to let The Comprehensive Plan document is the final and official version	is changed, and serves no o ment on the Website due to see a difference in policies fi staff know.	ther purpose. error in rom this matrix

### icpa Draft nail.

	OLD GOAI, Policy, Page Reference (THIS HAS CHANGED	Page ce AS		To learn how to provide Or email pdscomments@co.skagit.wa.us with the pro Policies" in the subject	• •	
	IN THE NEW DOCUMENT		Comprehensive Plan - Policy (Full Text Copied from 2			Reason for Change
Element	)2	Theme	Plan)	Proposed Policy Change or Proposed New Policy	Reasoning from Consultant	
Housing	7A, 7A-1.3, 216	Housing Affordability	Support, when financially feasible, low income housing programs, with tools such as multifamily tax exemptions public bond issues, grants, and low interest loan program	s, programs, with tools such as tax increment financing	From the racially disparate impact analysis: Remove the policy qualifier "when financially feasible." Additionally, MFTE programs may not be an available tool for Skagit County as RCW 84.14.010(4) refers to counties with an unincorporated population of at least 170,000 people.	
Housing	New	Housing Affordability		Collaborate with cities by exploring incentivizes and programs that support the construction of a variety of housing types that are affordable to target income bands.		Growth Management Act Consistency
Housing	New	Housing Affordability		Promote homeownership through various programs such as education, technical support, self-help housing efforts, and working with financial institutions.	This policy addresses new requirements from HB 1220 requires jurisdictions to provide affordable housing to all income levels. State law reference RCW 36.70A.070(2)	-
Housing	New	Housing Affordability		Collaborate with cities and other organziations on programs that assist residents with the ability to afford housing.	This policy addresses new requirements from HB 1220 requires jurisdictions to provide affordable housing to all income levels. State law	Growth Management Act Consistency
Skagit County	/ Comprehensive	e Plan Periodic Upd	Dis cha So exp col	te Exported: February 14, 2025 sclaimer: This document is meant to help readers understand ange and provides a general understanding how the policy has one policies may appear different in the Comprehensive Docur porting to the document from this matrix or otherwise. If you s mpared to the Comprehensive plan use the above email to let e Comprehensive Plan document is the final and official versio	how policies have been reco s changed, and serves no of nent on the Website due to e ee a difference in policies fr staff know.	ther purpose. error in om this matrix

OLD GOAI, Policy, Page Reference (THIS HAS CHANGED			To learn how to provide p Or email pdscomments@co.skagit.wa.us with the propo Policies" in the subject li	
DOCUMENT		Comprehensive Plan - Policy (Full Text Copied from 20		
-			Proposed Policy Change or Proposed New Policy R	
7A, 7A-1.4, 216-217	Affordability	efficient use of lands for residential development where appropriate to increase available land supply and opportunities for affordable housing to match the demographic and economic housing needs of the County		
7A, 7A-1.5,	Housing		for Develop procedures Work with cities, towns, and special T	
217	Affordability	low income housing projects, when such fees are required	d. purpose districts, to reduce impact fees and utility fees for c low income housing projects, when such fees are required. fe n	
7A, 7A-1.6, 217	Housing Affordability	Maintain an ongoing monitoring and evaluation program to improve the process of permit review and approval, save t and decrease costs.	-	
7A, 7A-1.7, 217	Housing Affordability	Work with the Skagit Council of Governments to establish program for regular updating of the Housing Needs Assessment, including provisions to monitor and assist in providing affordable housing opportunities. The Assessme should be updated on a regular basis, several years in advance of each periodic GMA-required Comprehensive F	ent	
7A, 7A-1.8, 217	Housing Affordability	Develop growth strategies and housing and human service programs to plan for affordable housing within the regional context. In collaboration with the cities and housing provide address the countywide need for ownership and rental housing affordable to households with moderate, low and low incomes. Work towards a common goal of having 40 percent of the countywide housing stock affordable at or below 80 percent of the area median income (AMI), with a intentional focus on expanding the supply of housing affordable at or below 50 percent of the AMI. Develop objectives for housing affordable to different income and special needs populations.	al programs to plan for affordable housing within the regional a ders, context. In collaboration with the cities and housing providers, p address the countywide need for ownership and rental the livery housing affordable to households with moderate, low and very P low incomes. Work towards a common goal of having 40 h percent of the allocating adequate countywide housing stock	
	Policy, Page Reference (THIS HAS CHANGED IN THE NEW DOCUMENT )2 7A, 7A-1.4, 216-217 7A, 7A-1.5, 217 7A, 7A-1.6, 217 7A, 7A-1.7, 217	Policy, Page Reference (THIS HAS CHANGED IN THE NEW DOCUMENTSecond ThemeJ2Theme7A, 7A-1.4 216-217Housing Affordability7A, 7A-1.5 217Housing Affordability7A, 7A-1.6 217Housing Affordability7A, 7A-1.7 217Housing Affordability7A, 7A-1.7 217Housing Affordability7A, 7A-1.7 217Housing Affordability7A, 7A-1.7 217Housing Affordability7A, 7A-1.7 217Housing Housing Affordability7A, 7A-1.7 217Housing Housing Affordability7A, 7A-1.7 217Housing Housing Housing Housing7A, 7A-1.8 HousingHousing Housing	Policy, Page Reference (THIS HAS       Comprehensive Plan - Policy (Full Text Copied from 20)         IN THE NEW DOCUMENT       Comprehensive Plan - Policy (Full Text Copied from 20)         7A, 7A-1.4, Housing 216-217       Theme       Plan)         7A, 7A-1.5, Housing 217       Affordability       Ensure zoning and subdivision regulations provide for the demographic and economic housing needs of the County current and projected population.         7A, 7A-1.6, Housing 217       Affordability       Develop procedures to reduce impact fees and utility fees low income housing projects, when such fees are required and decrease costs.         7A, 7A-1.7, Housing 217       Affordability       Maintain an ongoing monitoring and evaluation program to improve the process of permit review and approval, save ta and decrease costs.         7A, 7A-1.7, Housing 217       Affordability       Work with the Skagit Council of Governments to establish program for regular updating of the Housing Needs Assessment, including provisions to monitor and assist in providing affordable housing opportunities. The Assessmu- should be updated on a regular basis, several years in advance of each periodic GMA-required Comprehensive fundate.         7A, 7A-1.8, Housing 217       Develop growth strategies and housing and human servic programs to plan for affordable housing within the regiona context. In collaboration with the cities and housing provi address the countywide need for ownership and rental housing affordable to households with moderate, low and low incomes. Work towards a common goal of having 40 percent of the countywide housing stock affordable at or below 80 percent of the area median income (AMI), with	

#### public comment visit: https://skagitcounty.net/2025cpa bosal name "Skagit County's Comprehensive Plan Draft line. Include your comments in the body of your email.

Reason for Change Reasoning from Consultant Summarized

The County does not currently have any impact fees so the original policy is not possible to implement.

#### Administrative Cleanup

Refer to the regional allocation will keep this policy relevant even when the allocation changes. • Policy for special need housing exists below. Consistency with Countywide Planning Policies

now policies have been recommended to s changed, and serves no other purpose. nent on the Website due to error in ee a difference in policies from this matrix staff know. on of policies that will be adopted.

108

	OLD GOAI, Policy, Page Reference (THIS HAS CHANGED IN THE NEW DOCUMENT		Comprehensive Plan - Policy (Full Text Copied from 2016	Or email pdscomments@co.skagit.wa.us with the prop Policies" in the subject	public comment visit: https bosal name "Skagit County's line. Include your comment	s Comprehensive Plan Dr
Element		Theme	Plan)	Proposed Policy Change or Proposed New Policy	Reasoning from Consultant	
Housing	7B, New, 217	Housing Quality	Strive to preserve, conserve, and enhance the existing housing stock, including historic structures and sites; deve design guidelines and standards to improve the quality of n housing consistent with applicable building codes.	Strive to preserve, conserve, and enhance the existing housing lop stock, including historic structures and sites. <del>develop design</del> ew <del>guidelines and standards to improve the quality of new</del> <del>housing consistent with applicable building codes.</del>	g Design guidelines are not an objective for the County at this point.	County Vision
Housing	New	Housing Quality		Support programs and regulations that encourage the rehabilitation of housing deemed inadequate due to conditions posing a risk to human health and safety.		
Housing	7B, 7B-1.1, 217	Housing Quality	Facilitate the rehabilitation and reuse of existing structures housing by allowing reduced permitting fees and "grandfathered" development standards.	for Facilitate the rehabilitation and reuse of existing structures for housing by allowing reduced permitting fees and "grandfathered" development standards. legal nonconforming structures to be improved within existing building footprint.		
Housing	7B, 7B-1.2, 218	Housing Quality	Allow reuse of formerly non-residential structures for housi in mixed use developments in Rural Village Commercial Districts and Urban Growth Areas.			
Housing	7B, 7B-1.3, 218	Housing Quality	Establish development standards and design guidelines for Urban Growth Areas, Rural Villages, and large CaRD developments, to promote efficient, pedestrian friendly, an attractive communities.	design guidelines for Urban Growth Areas, Rural Villages, and	Design guidelines are not an objective for the County at this point.	County Vision
Housing	New	Housing Quality		Ensure that standards or requirements for design review for ADUs are not more restrictive than those for principal units. Additionally, ensure that development regulations for middle housing are not more restrictive than those required for detached single-family residences.	HB 1293 Require clear and objective design review. Suggest removing "attractive" as this can be a relative term. State law reference RCW 36.70A.160 ; HB 1110 increasing middle housing in areas traditionally designed for single-family.	Growth Management Act Consistency
Housing	7B, 7B-1.4, 218	Housing Quality	maintenance of high quality housing and strong com throughout the County. Discla Some	Exported: February 14, 2025 aimer: This document is meant to help readers understand h ge and provides a general understanding how the policy has policies may appear different in the Comprehensive Docun	s changed, and serves no o nent on the Website due to	ommended to ther purpose. error in
Skagit County	Comprehensive	Plan Periodic Updat	comp	ting to the document from this matrix or otherwise. If you so ared to the Comprehensive plan use the above email to let s comprehensive Plan document is the final and official version	staff know.	

# icpa Draft nail.

	Reason for Change
Reasoning from Consultant	Summarized
Design guidelines are not an	County Vision

Element	OLD Goal, Policy, Page Reference (THIS HAS CHANGED IN THE NEW DOCUMENT )2	Theme	Comprehensive Plan - Policy (Full Text Copied from 2016 Plan)	Or email pdscomments@co.skagit.wa.us with the pro	public comment visit: https posal name "Skagit County's line. Include your comment Reasoning from Consultant	Comprehensive Plan D s in the body of your en Reason for Change
Housing	7C, New, 218	Housing Distribution and Accessibility	Strive to ensure that a variety of housing types, densities, and values can be produced in the rural area, Urban Growth Areas and Rural Villages appropriate to the character of the individual communities. Additionally, ensure sufficient infrastructure capacity is available to accommodate growth and provide housing opportunities for all economic segments of the population.	s, values can be produced in the rural area, Urban Growth Areas and Rural Villages, and LAMIRDs appropriate to the character of the individual communities. Additionally, ensure sufficient infrastructure capacity is available to accommodate growth	growth can be accommodated. Recommend separating rural villages references from Rural Village land use	Growth Management Act Consistency
Housing	7C, 7C-1.1, 218	Housing Distribution and Accessibility	Allow mixed residential and commercial uses in Urban Growth Areas and Rural Village commercial districts to promote housing affordability and availability.	No recommended change.	designations.	
Housing	7C, 7C-1.2, 218	Housing Distribution and Accessibility	Consider allowing reduced minimum lot sizes in exchange for community facilities and amenities such as parks, open space, recreational facilities, and community centers.	Consider allowing reduced minimum lot sizes in exchange for community facilities and amenities such as parks, open space, recreational facilities, and community centers.	This policy is contrary to the rural character of Skagit County.	County Vision, Address Public Comment
Housing	7C, 7C-1.3, 218	Housing Distribution and Accessibility	Allow duplexes in zoning districts permitting single-family residences, as an alternative to accessory dwelling units or the ability to further subdivide. A duplex extinguishes two development rights.	Allow duplexes a variety of housing types including middle housing and affordable housing options in the UGAs and LAMIRDs where public services can be made available to address changing housing needs. in zoning districts permitting single-family residences, as an alternative to accessory dwelling units or the ability to further subdivide. A duplex- extinguishes two development rights.	Rather than focusing on subdiving properties which may be contrary to rural character of Skagit County, the policy has been revised to focus providing multiple housing types beyond just single-family and ADUs.	County Vision, Address Public Comment
Housing	7D, New, 219	Housing for Special Needs	Ensure the availability of housing for people with special needs.	No recommended change.		
Housing		Housing for Special Needs	Allow specialized housing facilities such as senior housing, group homes for children and adults with special needs, in appropriate zoning districts.	Allow specialized housing facilities in terms of cost, size, design, and suitability for various household types, e.g., families, people of all ages and levels of mobility, couples, single persons, and persons with disabilities or special needs. These include but are not limited to such as senior housing, group homes for children and adults with special needs in- sported: February 14, 2025	Consider adding more clarity to diverse needs. Removing references to zoning districts as they should be addressed in the zoning code.	Consistency
Housing Skagit County	7E, New, 219 / Comprehensive	Farmworker Housing Plan Periodic Updat	Strive for an adequate supply of housing to meet the farmworkers and the agricultural industry.Disclair change Some p exportin compar	mer: This document is meant to help readers understand l and provides a general understanding how the policy has policies may appear different in the Comprehensive Docur ng to the document from this matrix or otherwise. If you s red to the Comprehensive plan use the above email to let mprehensive Plan document is the final and official version	s changed, and serves no of nent on the Website due to e ee a difference in policies fr staff know.	ther purpose. error in om this matrix

	OLD GOAI, Policy, Page Reference (THIS HAS CHANGED IN THE NEW DOCUMENT		Comprehensive Plan - Policy (Full Text Copied from 20	Or email pdscomments@co.skagit.wa.us with the prop Policies" in the subject	line. Include your comment	s Comprehensive Plan E ts in the body of your en Reason for Change
Element	)2	Theme	Plan)	Proposed Policy Change or Proposed New Policy	Reasoning from Consultant	
Housing	7E, 7E-1.1, 219	Farmworker Housing	<ul> <li>Work in partnership with other public agencies and the presector to ensure an adequate supply of farmworker housis (a) Support strategic actions of the Skagit Valley Farmwork Housing Trust Advisory Council to develop new farmwork housing.</li> <li>(b) Recognize farmworker housing would occur primarily urban areas where services are available and secondarily rural areas when sensitively designed to minimize loss of agricultural lands of long-term commercial significance.</li> <li>(c) Consider the seasonal nature of farming and potential options to accommodate seasonal housing that does not permanently convert agricultural lands of long-term commercial significance.</li> </ul>	<ul> <li>(a) Support strategic actions of the Skagit Valley Farmworker</li> <li>Housing Trust Advisory Council to develop new farmworker</li> <li>housing.</li> <li>(b) Recognize farmworker housing would occur primarily in</li> <li>urban areas where services are available and secondarily in</li> <li>rural areas when sensitively designed to minimize loss of</li> <li>agricultural lands of long-term commercial significance.</li> <li>(c) Consider the seasonal nature of farming and potential</li> </ul>	From the racially disparate impact analysis evaluation: There is tension and conflict within the policy language of "b" and other land use and housing policies due to Skagit County not having appropriate urban zoning and urban densities in UGA areas near farms that can accommodate the housing types needed to provide housing affordable to farmworkers.	
Housing	7E, 7E-1.2, 219	Farmworker Housing	Review permit applications for farm-worker housing developments in consideration of proximity to job locatio and necessary public facilities and services consistent w the Washington State Temporary Worker Housing Health Safety Regulations (RCW 70.114A).	ith		
Housing	7F, New, 220	Manufactured Housing	Recognize the value of manufactured housing as an affordable housing solution.	Recognize the value of Allow manufactured housing, <del>and</del> manufactured home parks, tiny homes, and accessory dwelling units as <del>an</del> affordable housing solutions.	"recognizing the value," doesn't necessarily lead or mean there is actionable support towards the cause.	Growth Management Act Consistency
Housing	7F, 7F-1.1, 220	Manufactured Housing	Ensure that regulations regarding manufactured housing consistent with federal and state laws.	are Ensure that regulations regarding manufactured housing are consistent with federal and state laws.		
Housing	New			Allow manufactured housing in the same locations and at the same density as other housing. Apply development and standards in each residential zoning district equally to manufactured homes as they would apply in other residences	Addressing housing requirements for accommodating housing at all income levels. This is to address HB 1220. State	Growth Management Act Consistency
			Disc cha Son exp	e Exported: February 14, 2025 claimer: This document is meant to help readers understand l inge and provides a general understanding how the policy has ne policies may appear different in the Comprehensive Docum orting to the document from this matrix or otherwise. If you s npared to the Comprehensive plan use the above email to let s	s changed, and serves no of nent on the Website due to ee a difference in policies fr	ther purpose. error in rom this matrix

The Comprehensive Plan document is the final and official version of policies that will be adopted.

111

	OLD GOAI, Policy, Page Reference (THIS HAS CHANGED			To learn how to provide public comment visit: https://skagitcounty.net/202 Or email pdscomments@co.skagit.wa.us with the proposal name "Skagit County's Comprehensive Plan Policies" in the subject line. Include your comments in the body of your e			
	IN THE NEW DOCUMENT		Comprehensive Plan - Policy (Full Text Copied from 20	16		Reason for Change	
Element	)2	Theme	Plan)	Proposed Policy Change or Proposed New Policy	Reasoning from Consultan		
Housing	New	Housing Equity		Prevent discrimination, address displacement, and mitigate past harm in the development and maintenance of housing.	Addressing housing requirements for accommodating housing at all income levels. This is to address HB 1220. State reference RCW 36.70A.070	Growth Management Act Consistency	
Housing	New	Housing Equity		Collaborate with community groups, organizations, non- profits, and businesses to help vulnerable groups obtain and maintain housing.	(2) Addressing housing requirements for accommodating housing at all income levels. This is to address HB 1220. State reference RCW 36.70A.070 (2)	Growth Management Act Consistency	
Housing	New	Housing Equity		Evaluate the potential for displacement on lands proposed fo rezone or redevelopment for public use.	r Addressing housing requirements for accommodating housing at all income levels. This is to address HB 1220. State reference RCW 36.70A.070 (2)	Growth Management Act Consistency	
Housing	New	Housing Equity		Consider the drivers of displacing low-income households and marginalized populations as a result of planning, public investments, redevelopment, and market pressures. Use strategies to mitigate displacement of these communities.	Addressing housing requirements for accommodating housing at all income levels. This is to address HB 1220. State reference RCW 36.70A.070 (2)	Growth Management Act Consistency	
Skagit Count	y Comprehensive	e Plan Periodic Upda	Disc chai Som exp com	e Exported: February 14, 2025 claimer: This document is meant to help readers understand nge and provides a general understanding how the policy ha ne policies may appear different in the Comprehensive Docu orting to the document from this matrix or otherwise. If you so pared to the Comprehensive plan use the above email to let Comprehensive Plan document is the final and official version	s changed, and serves no c ment on the Website due to see a difference in policies f staff know.	other purpose. error in rom this matrix	

# cpa raft nail.