RESOLUTION OF THE
RESOURCES AND DEVELOPMENT COMMITTEE
23rd Navajo Nation Council --- Fourth Year, 2018

AN ACTION

RELATING TO RESOURCES AND DEVELOPMENT COMMITTEE; CERTIFYING FORT DEFIANCE CHAPTER'S COMMUNITY-BASED LAND USE PLAN WHICH HAS REEVALUATED AND READJUSTED FORT DEFIANCE CHAPTER'S FIRST COMMUNITY-BASED LAND USE PLAN

BE IT ENACTED:

SECTION ONE. AUTHORITY

A. The Resources and Development Committee, pursuant to 26 N.N.C. § 2004(D)(2), shall certify community-based land use plans.

B. Pursuant to 26 N.N.C. § 2004(D)(2), "Every five years the plan shall be reevaluated and readjusted to meet the needs of the changing community" and such readjustment is subject to the certification of the Resources and Development Committee of the Navajo Nation Council.

C. Pursuant to 26 N.N.C. § 2004 (B), "Community-Based Land Use Plan. The chapter, at a duly-called chapter meeting shall by resolution, vote to implement a community-based land use plan, after the CLUPC has educated the community on the concepts, needs, and process for planning and implementing a community-based land use plan. The community-based land use plan shall project future community land needs, shown by location and extent, of areas identified for residential, commercial, industrial, and public purposes. The land use plan shall be based upon the guiding principles and vision as articulated by the community; along with information revealed in inventories and assessments of the natural, cultural, human resources, and community infrastructure; and, finally with consideration for the land-carrying capacity. Such a plan may also include the following: 1) An open space plan which preserves for the people certain areas to be retained in their natural state or developed for recreational purposes. 2) A thoroughfare plan which provides information about the existing and proposed road network in relation to the land use of the surrounding area. 3) A community facilities plan which shows the location, type, capacity, and area served, of present and projected or required community

facilities including, but not limited to, recreation areas, schools, libraries, and other public buildings. It will also show related public utilities and services and indicate how these services are associated with future land use."

SECTION TWO. FINDINGS

A. Pursuant to Fort Defiance Chapter Resolution FDC-2018-06-12-07, attached as **Exhibit B**, the Fort Defiance Chapter approved the Community-Based Land Use Plan which is attached as **Exhibit A.**

B. The Resources and Development Committee of the Navajo Nation Council finds it in the best interest of the Navajo Nation to certify the Fort Defiance Chapter's Community-Based Land Use Plan, which has been reevaluated and readjusted to meet the needs of the changing community.

SECTION THREE. CERTIFICATION OF FORT DEFIANCE CHAPTER'S REEVALUATED AND READJUSTED COMMUNITY-BASED LAND USE PLAN

A. The Resources and Development Committee of the Navajo Nation Council hereby certifies the reevaluated and readjusted Fort Defiance Chapter's Community-Based Land Use Plan, attached hereto as **Exhibit A.**

B. Certification of this Community-Based Land Use Plan shall not delineate adjacent chapter boundaries. Any chapter disputes rest solely with the Courts of the Navajo Nation.

CERTIFICATION

I, hereby, certify that the following resolution was duly considered by the Resources and Development Committee of the 23rd Navajo Nation Council at a duly called meeting at the Fort Defiance Chapter, Fort Defiance, Navajo Nation (Arizona), at which a quorum was present and that same was passed by a vote of 3 in favor, 0 opposed, 1 abstained on this 25th day of July 2018.

Jonathan Perry, Pro Tempore Chairperson
Resources and Development Committee
of the 23rd Navajo Nation Council

Motion: Honorable Leonard Pete
Second: Honorable Walter Phelps

EXHIBIT
A

TSELANI PROFESSIONAL BUSINESS CONSULTING SERVICES, LLC
www.TPBCS.com

FORT DEFIANCE CHAPTER

April 2018

COMPREHENSIVE LAND USE PLAN

Fort Defiance Chapter's Mission Statement

The mission of Fort Defiance Chapter is to plan, implement and govern a harmonious, healthy and safe environment in which all community members are treated with respect and equality in quality service delivery.

Revised: December 2017 @ Fort Defiance Chapter by FD CLUPC, Administration, Officials, Community Members & Tselani Professional Business Consulting Services, LLC. • Maps developed by n8tive techsulting

Fort Defiance Chapter

Community Land Use Plan

CLUPC Members:

Mr. John Plummer, President

Mr. Jimmie Bitsuie, VP

Ms. Lillian Sam, Secretary

Mr. Frank D. Nez, Jr., Member

Mr. Daniel Yazza, Member

Mr. Stanley Denetdeel, Member

Mr. Perry Wauneka, Member

Submitted:
April 2018

Mr. Lorenzo Begay, PhD/CEO
Ms. LaVerne Begay-Todachine, VP

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FORT DEFIANCE COMMUNITY CHAPTER

COMMUNITY BASE LAND USE PLANNING COMMITTEE

2018

John Plummer, President
Coalmine Area

Jimmie Bitusie, Vice President
Goat Springs Area

Lillian Sam, Secretary
Central Area

Daniel Yazza, Member
Central Area

Frank D. Nez, Jr., Member
Center Area

Stanley Denetdeel, Member
Coal Mine Area

Perry Wauneka, Member
Blue Canyon Area

Council Delegate
Benjamin Bennett

Project Manager
Timothy Begay, Jr.

Chapter Officials:

Wilson Stewart, Jr. President
Aaron Sam, Vice President
Brenda Wauneka, Secretary/Treasurer
Lorraine Nelson, Chapter Manager
Herman Billie, Grazing Officer
Georgina Chischilly, Accounts Maintenance Specialist

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I: Community Land Use Plan Overview

Fort Defiance Chapter's Community Land Use Plan (CLUP)
Community Land Use Plan Overview

I: Community Land Use Plan Overview

A. INTRODUCTION

The Community Land Use Plan (CLUP) is the key policy guide for decision-making about Fort Defiance's built and natural environments. The Community Plan text and associated maps contain detailed recommendations for future development including the appropriate location and density or intensity of residential and commercial uses; the general location and character of roads; the general location of parks, natural resources (open space) and community facilities; and the general sites for and extent of public water and sanitary sewer utilities. It also contains recommendations to guide development strategies for the unincorporated areas of the community.

The CLUP is a guide for Chapter Officials and the CLUPC members as they assess the location, character, and extent of proposed public and private development within the Fort Defiance Chapter's vicinity. The Plan's strategies and recommendations will be implemented over time through reassessment of land and the location and construction of public improvements. The Plan is designed as a short-, medium- and long-range guide for decision-making. As a guiding document, the Community Land Use Plan should be adjusted and reevaluated at least every five (5) years.

Recommendations throughout this CLUP are based upon a review of existing conditions and evaluation of future development scenarios for their impacts on infrastructure, roads and the Chapter's fiscal health. Fort Defiance's ability to maintain high quality of services and quality of life depends on a careful review of development proposals for conformance with the Community Land Use Plan.

The Local Government Act (LGA) requires that Chapters wishing to administer land must develop a Community Based Plan, and that the Plan must:

1) Include projections of future community land needs, shown by location and extent.
2) Identify areas for residential, commercial, industrial and public purposes.
3) Be based upon the guiding principles and vision as articulated by the community.
4) Include information revealed in inventories and assessments of the natural, cultural, human resources, and community infrastructure as well as consideration for land-carrying capacity.

In 1998, the Tribal Council of the Navajo Nation approved Section 26, the Navajo Nation Local Governance Act (LGA) of the Navajo Nation Code. The purpose of the LGA is to recognize governance at the local level and thereby give Navajo Chapters the authority to adopt ordinances, make decision regarding local matters, and develop land to meet community needs.

By providing each Chapter local control over land and community development decisions, the Navajo Nation wishes to reduce the level of bureaucracy so that services are provided at a community level and under community control. To receive autonomy under the LGA, the Navajo Nation Attorney General's Office certifies Chapters after they have fulfilled specific certification requirements. One such requirement is a Community-based Land Use Plan, which must be approved by the Navajo Nation's Resource & Development Committee (RDC) of the Navajo Nation Council. The Fort Defiance Chapter is one of many Navajo Chapters that chose to pursue LGA certification and has established a Community Land Use Planning Committee (CLUPC) to oversee development and implementation of a community-based land use plan. The Plan may also include the following:

1. A "Natural Resource Element" (open-space) plan which preserves for the people certain areas to be retained in their natural state or developed for recreational purposes
2. A "Transportation Element" (thoroughfare) plan which provides information about the existing and proposed road networks in relation to land use in the surrounding area
3. A "Community Facilities Element" plan which shows the location, type, capacity, and area served, of present and projected or proposed community facilities.

1. Tribal Planning

Jojola (2008), stated that "tribal planning has long been based upon the principles of land tenure, management of resources, land stewardship, and sustainability" (p. 37), which, until recently, has been in direct conflict with the Western notion of land- use regulation as the primary tool in land use planning (Gromulat, 2012, p. 87).

The advancement of indigenous planning in the United States is dependent upon continuous evolution, the embracing of traditional cultural values, and innovative policy-making. Self-determination and self-governance are essential to the advancement of indigenous planning; ending the paternalistic approach that the federal government has taken in the past will hasten the flourishing tribal sovereignty that has grown stronger in recent years (p. 38).

2. Community-Based Planning

Community-based planning is the current model used by the Chapters of the Navajo Nation at this point in time. Community based planning focuses on the involvement and

empowerment of the community. Public participation is critical to cultural sustainability, embracing the sacred Navajo principles of nitsáhákees, nahatá, iiná and siih hasin (Gardner, Piawka & Trevan, 2014, p. 40).

A land-use plan has to be "guided by community assessments including natural resources, cultural resources and should project future community land needs by location and extent of areas for residential, commercial, industrial and public purposes Nation was a first step in embracing the idea of community based planning" (Gardner, Piawka & Trevan, 2014, p. 40).

B. Fort Defiance Chapter

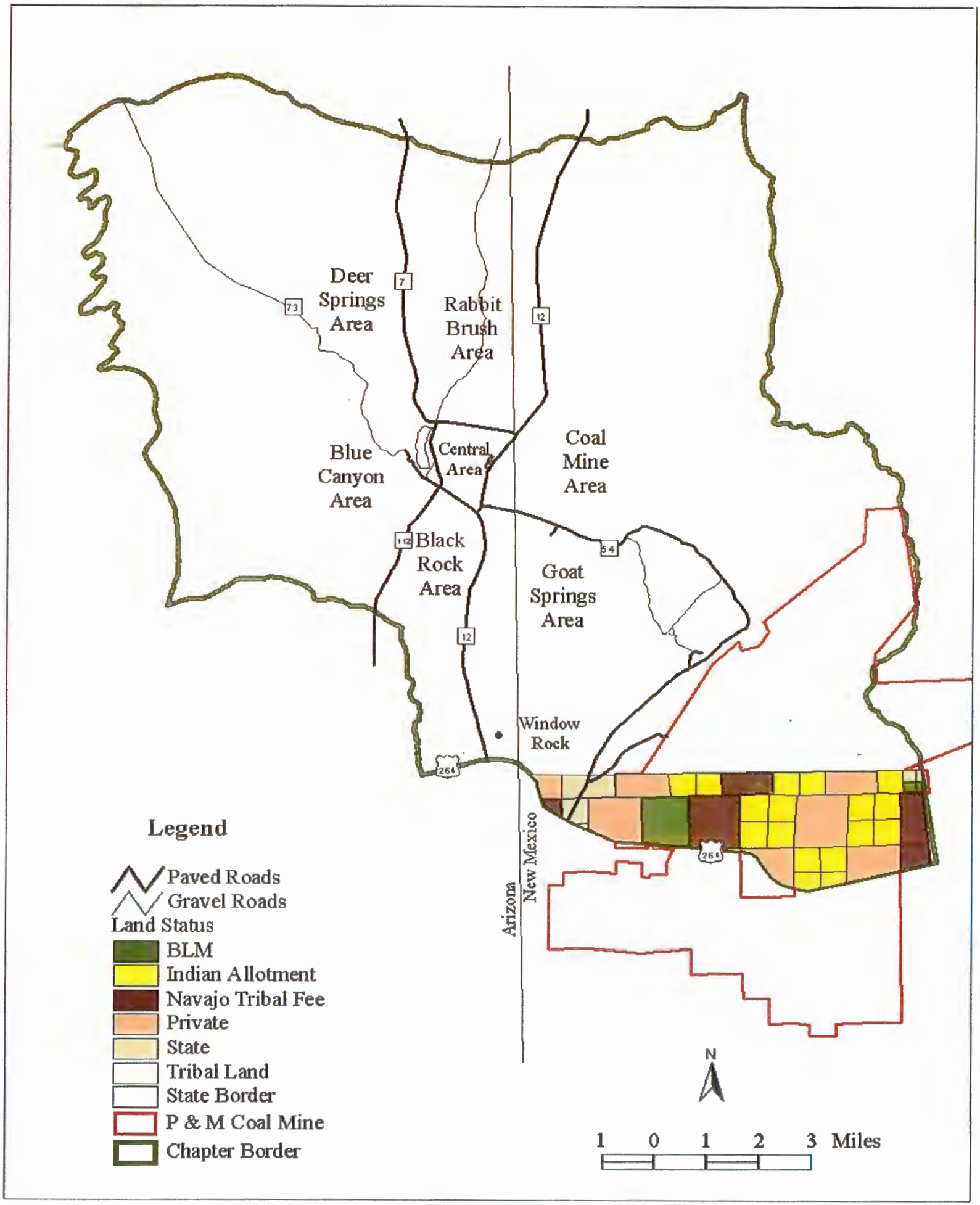
FT. DEFIANCE, ARIZONA

The land on which Fort Defiance was eventually established was first noted by white military men when Colonel John Washington stopped there on his return journey from an expedition to Canyon de Chelly. Fort Defiance was established on September 18, 1851, by Col. Edwin V. Sumner to create a military presence in Diné bikéyah (Navajo territory). Fort Defiance was designated by the U.S. War Department to control the Navajo People upon their return from Ft. Sumner, east central New Mexico Territory. The Fort over looked and served as the headquarters of the original Navajo Reservation outlined in the 1868 treaty. It also served as a center for the Navajos to get help with restoring their lives, a place for food rationing, etc.

Fort Defiance was built on valuable grazing land that the federal government then prohibited the Navajo from using. As a result, the appropriately named fort experienced intense fighting, culminating in two attacks, one in 1856 and another in 1860. The next year, at the onset of the Civil War, the army abandoned Fort Defiance. Continued Navajo raids in the area led Brigadier General James H. Carleton to send Kit Carson to impose order. General Carleton's "solution" was brutal: thousands of starving Navajo were forced on a Long Walk of 450 miles (720 km) and interned near Fort Sumner, New Mexico, and much of their livestock was destroyed. The Navajo Treaty of 1868 allowed those interned to return to a portion of their land, and Fort Defiance was reestablished as an Indian agency that year. In 1870, the first government school for the Navajo was established there.

Today, the site of Fort Defiance is populated by buildings dating from the 1930s to the present day used by various governmental agencies including the Bureau of Indian Affairs, Indian Health Service, and the Navajo Nation. The largest of these buildings was the Fort Defiance Indian Hospital until 2002.

Through the mists of our troubled and sometimes painful history there is an enduring quality that continues to permeate the community of Ft. Defiance. That quality is hope. From the alluring glimpses of partially hidden landscapes lining the Arizona Scenic Byway that leads to Tsehootsooi, through the traditional hogans nestled beside modern homes and into the hearts


Deer Springs Area
Rabbit Brush Area
Blue Canyon Area
Central Area
Coal Mine Area
Black Rock Area
Goat Springs Area
Window Rock
Arizona
New Mexico
7
12
73
112
54
264
Legend
Paved Roads
Gravel Roads
Land Status
BLM
Indian Allotment
Navajo Tribal Fee
Private
State
Tribal Land
State Border
P & M Coal Mine
Chapter Border
N
1 0 1 2 3 Miles

of the welcoming and lovable people of Ft. Defiance, the promise of the future electrifies the air- with hope.

Our mission statement "Tsehootsooi- walking in beauty toward a compassionate, healthy and vibrant community" expresses our desire to create anew the "green meadow" of peace and prosperity "that emerges from the rock." To carry out this mission statement we are creating our "family plan." A community centered economic development plan that incorporates both our Economic Development strategies and our Quality of Life initiatives. We have named our Steering Committee OUR Tse Ho Tso, which is a shortened name for Tsehootsooi.

Fort Defiance is concerned with the mental, emotional, physical and spiritual health of our community. Central to our family plan is the restoration and renovation of the old Fort Defiance hospital campus built in the 1930s. This effort will provide space for our future endeavors. We will create a safe, secure environment for healing that encompasses our quality of life objectives of a clean, trash-free community with a park and walkable pathways and neighborhoods. We will attract compassionate and devoted healthcare professionals that understand the concept of safe healing.

Through these planning efforts we will literally see Tsehootsooi become the "green meadow coming out of the blue canyon" again in the heart of Ft. Defiance.

C. Community Setting

The Fort Defiance Community Overall Land Status Map (Tab 25) illustrate current land use, existing and proposed land withdrawals, and other political, historical and natural features that will guide future development of the Chapter. The Fort Defiance Community Overall Map is provided in Appendix 25 for the Chapter and for each of the five (5) development planning areas. Below is an outline and description of the existing and proposed development within each area.

1) **Central Area:** The Central Area of the Chapter consists of a wide variety of development and several planned land withdrawals. There are three (3) schools within the Central Area: Tse Ho Tso Elementary School (K to 5th Grade) and the Tse Hoo' Tso Middle School (6th to 8th Grade), Dine Bi Olta (1st to 8th Grades). However, the Intermediate School is scheduled for rehabilitation and remodel located on site west of the Tse Hoo' Tsooi' Medical Center. The Window Rock Unified School District administrative offices and the ITEP Training Center are also located on the Tse Ho Tso campus. The Fort Defiance Chapter House and Head Start, Sr. Citizen Center, The John Hopkins, Project, a medical research program operated by John Hopkins University. Several water system facilities are located at the water storage tank above Blue Canyon. Other BIA programs include the following:

   - ✓ Water systems Maintenance Department;
   - ✓ Office of Indian Programs;

- ✓ Heavy Equipment Storage;
- ✓ Branch of Roads;
- ✓ Land Operations;

Many employees of the Window Rock School District#8 reside located surrounding the institutions located to the north and west of the school campus. Private residential development consists of subsidized housing located on the west side of N-12 opposite Window Rock High School. There are approximately 50 single family units and three apartments located in this subdivision. Approximately 60 scattered home sites are located on the east side of N-112. Several additional home sites are located east of Black Creek and along N-12. Fort Defiance Primary Learning Center is located on the west side of the hospital. Construction of the NTUA headquarters office complex is underway, withdrawals are located east of the TMC. Chapter members also recently approved the withdrawal of 40 acres for a new cemetery located east of Black Creek. One range management unit surrounds the existing (and planned) development on the northwest corner of N-12 and N-7.

Commercial development includes the CONOCO convenience store and gas station, 7 to 11, That's a Burger, Spot Free Car Wash and Fort Defiance Self-Storage. These enterprises are located on the north side of N-110. The majority of existing development in the Goat Springs/Coal Mine Area Black Rock consists of numerous offices and facilities associated with the Navajo Tribal Utility Authority (NTUA), Window Rock High School and the Navajo Housing Authority (NHA). The NHA Headquarters office is located on the north side of N-54, east of N-12. Window Rock High School is located north of the JWJ Trailer Park, east of N-12. The NTUA facilities are located within the 7.0 Building Complex located on the east side of N-7. The 7.0 Building Complex is a combination of office space, equipment storage and maintenance facilities. NTUA offices located in Building Complex 7.0 include the following:

- ✓ Navajo Nation Water Maintenance Department;
- ✓ Navajo Nation Forestry;
- ✓ Navajo Nation Property and Supply Warehouse;
- ✓ Navajo Nation Department of Water Resources;
- ✓ Navajo Nation Water Code Administration Office;
- ✓ Navajo Nation Facilities Maintenance;
- ✓ BIA Navajo Region Office of Forestry;
- ✓ IHS Sanitation Facilities Construction.
- ✓ NN Food Distribution
- ✓ NN Animal Control
- ✓ NTUA's Choice Wireless
- ✓ NN Fire Station

1. FORT DEFIANCE CHAPTER HOUSE
2. TSEHOOTSOOI MEDICAL CENTER
3. OLD FORT DEFIANCE HOSPITAL
4. EXISTING NTUA HEADQUARTERS
5. WINDOW ROCK HIGH SCHOOL CAMPUS
6. NAVAJO HOUSING AUTHORITY
7. NAVAJO NATION ZOO
8. HOTEL AND OFFICE SPACES
9. COMMERCIAL DEVELOPMENT P&M COAL MINE
10. HOUSING DEVELOPMENT (75 ACRES)
11. NAVAJO NATION MUSEUM
12. NAVAJO NATION GAMING ENTERPRSE
13. TEXT
14. TEXT
15. TEXT
16. TEXT

A NEW NAVAJO TRIBAL UTILITY AUTHORITY HEADQUARTERS
B PROPOSED NAVAJO NATION VETERANS CEMETERY EXPANSION
C PROPOSED NAVAJO NATION POLICE DEPARTMENT HEADQUARTERS
D PROPOSED EDUCATIONAL FACILITY
E PROPOSED HORSESHOE LANE RESIDENTIAL HOMES
F PROPOSED BLACK ROCK HOUSING AREA

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PREPARED FOR
COMMUNITY LAND USE PLAN COMMITTEE
FORT DEFIANCE CHAPTER

No.	DATE	REVISION DESCRIPTION

EXHIBIT
NAVAJO NATION
FORT DEFIANCE CHAPTER
CENTRAL AREA
SCALE: NONE

n8tive techsulting
IT & CAD CONSULTING
P.O. BOX 2083 | CHINLE, ARIZONA 86503 | (928) 514-4428

DATE 10/11/17
REVIEWED BY INITIALS
DESIGNED BY INITIALS
DRAWN BY C BIA
FILE EXHIBIT-11.DWG

EXHIBIT-11

One range management unit is located in the Central Area; Veteran Cemetery; Community services and public facilities include the following:

- ✓ Frontier Communications;
- ✓ Community Health Representative;
- ✓ Weatherization Assistance Program;
- ✓ Office of Workforce Development (Fort Defiance Agency)
- ✓ Administrative Service Center (ASC)
- ✓ Navajo Nation Division of Education Head Start Administration (Fort Defiance Agency)
- ✓ Department of Aging (Fort Defiance Agency);
- ✓ Housing Improvement Program (Fort Defiance Agency);
- ✓ The "Dawn of Discovery" program.

2) **Deer Springs/Blue Canyon Area**: Several community services and public facilities such as BIA Roads, BIA Natura Resource, Navajo Nation Property & Supplies, IHS Warehouse, and former BIA Facility. A BIA modular housing subdivision is located west of the Head Start and south of N-12. Employee quarters near the old hospital. Numerous home sites are scattered along Bonito Creek and N-112. Open grazing is practiced throughout the area. Numerous agricultural permits are held for the areas adjacent to several washes located in the extreme northern portions of the area. Several agricultural land use permit is located along Bonito Creek.

3) **Goat Springs/Black Rock Area:** Residential development in the Black Rock Area includes the Rio Puerco Estates subdivision and numerous scattered home sites. The Rio Puerco Estates subdivision is the largest of the Fort Defiance residential developments with approximately 220 units including Black Rock acres, Sand Stone Housing, and the Fort Defiance Housing Corporation. The Anson Chandler Damon cemetery is also located in the Black Rock Area.

4) **Coal Mine:** The majority of existing development in the Goat Springs/Coal Mine Area consists of numerous offices and facilities associated with the Navajo Tribal Utility Authority (NTUA), Window Rock High School, and the Navajo Housing Authority (NHA). The NHA Headquarters office is located on the north side of N-54, east of N-12. Window Rock High School is located north of the JWJ Trailer Park, east of N-12. Three residential subdivisions are located in the Tunnel Springs/Slick Rock Area; Pigeon Springs (81 units), Slick Rock (68 units) and a 6-unit subdivision located adjacent to N-54 near the Pittsburg and McKinley Midway Coal Mine. The Chevron Mining Incorporation Coal Mine is located to the east of N-54. Community services and public facilities include the Agriplex which is used by local ranchers to auction livestock but proposed feed store.

5) **Rabbit Brush Area:** The Rabbit Brush Area is home of the new TMC which opened in August, 2005. The Hospital includes 240,000 square feet for gynecological and general ambulatory surgery, obstetrical, pediatric, intensive care, labor and delivery and adolescent psychiatry. Additional services include on specialty ambulatory care, community health, dental and support services.

D. Community Land Use Overview

Fort Defiance Chapter's Community Land Use Plan presents the desired future community & economic development, enhancement, and local community-based and revitalization directions.

The Community Land Use Plan is the Chapter's "blue print" for land use and development, as well as conservation and preservation; it serves as the basis for rational decisions regarding the local community's long-term physical development and the protection of the Fort Defiance community's natural and cultural resources. The Community Land Use Plan expresses the Fort Defiance Chapter's development goals and embodies public policy relative to the distribution of future land uses, both public and private. The goals, policies, and programs of the Community Land Use Plan are intended to underlie most land use decisions. Preparing, adopting, implementing, and maintaining a Community Land Use Plan serves to:

→ Identify the local community's land use, transportation, environmental, economic, and social goals and policies as they relate to land use and development.
→ Provide a basis for decision-making, including decisions on development approvals.
→ Provide local community members with opportunities to participate in the planning and decision making processes of the community.
→ Inform local community members, developers, decision makers, and adjacent communities of the ground rules that govern development within the Fort Defiance Chapter.

Community Land Use Plans typically have three (3) defining qualities. First, they are general in nature, providing general guidance for the future, particularly regarding growth and development. More precise direction is provided in implementation documents and plans, such as annexations, zoning codes and other ordinances, design regulations, annual budgets, and capital improvements program (see discussion below). Second, Community Land Use Plans are comprehensive in scope, addressing a broad range of environmental, social, and economic factors that affect how communities change over time. These factors include land use and circulation, environment and natural resources, economic and fiscal conditions, as well as a host of others. These factors should be addressed in an interrelated and, wherever possible, consistent manner. Third, Community Land Use Plans address the long-range future of communities. While they may take immediate concerns into consideration, they focus primarily on the future..

E. Sustainable Chapter..Planning for the Future

Through the course of preparing the Community Land Use Plan, the Fort Defiance Chapter Government continued to focus on the theme of sustainability. There is widespread recognition in the local community that the Community Land Use Plan must establish a framework of sustainability to ensure that current and future generations can sustain the social, economic, and environmental health of the Fort Defiance community. This will entail continuous review and evaluation to ensure that the actions taken in implementing this Plan are consistent with this intent, and that the pre-eminent focus of the CLUP should always be on the needs of Community members, both now and in the future.

In 1998, the Navajo government passed the Local Governance Act (LGA) which permits Chapters to be "certified" resulting in greater autonomy in their financial and decision-making actions among other local matters. This legislation is transformative as it gives significant empowerment to local decision-making and a strong role of community members in governance. The legislation is also important to planning in that it provides authority to the Chapters to administer and manage the lands within their jurisdictions and produce community land use plans.

The LGA was promulgated in 1998 as a way to decentralize authority from the central government toward greater local control and decision-making based on local culture and traditions. The critical point for this study is that the LGA also instructed Chapters that these plans were to be updated every five years. The principal reason for this study is to examine the existing plans and identify problems and barriers to effective plan-making, in order to provide guidelines for updating plans.

Certification and AFOG

Certification under the Local Governance Act of 1998 holds many advantages and should be pursued. Among these advantages are greater funding, more autonomy from the Navajo Nation government, the ability to appoint members to the CLUPC, and perhaps most importantly, the ability to form an Alternative Form of Government (AFOG). An AFOG can enable the Chapter government to form a stronger local governing structure and create policy without the need for a quorum of 25 Chapter members present for decision-making. Empowering the local government in this way will enable accelerated decision- making. (Gardner, Piawka & Trevan, 2014, p. 19).

Since Fort Defiance Chapter became certified under the Local Governance Act (LGA) on January 15th, 2016 that provides it more autonomy and power. As part of its authority as a LGA certified chapter, Fort Defiance has the opportunity to proceed with the formation of an Alternative Form of Governance (AFOG) that will allow the Chapter to operate in a fashion similar to a municipality by creating either a council-mayor form of government or a council- city manager form of government. Although currently Fort Defiance Chapter Government has not yet made a decision about the form of government it wants for its community and the

administration and officials are currently exploring the respective benefits and drawbacks of various governance structures. Eventually the implementation of AFOG will enable stronger leadership at the Fort Defiance Chapter Government's government level and provide alternative solutions to various barriers.

Although it is recommended that zoning and eminent domain be used at all times when land development for economic development or for housing is being initiated. According to the Arizona State University (2014), "it is interesting to note that many of the Chapters stated that they knew that eminent domain was available as a tool for enforcing the community's wishes, but that at this time it is not culturally embedded, and therefore not often used" (p. 19). Zoning early defines the proposed future land use on a certain site, for example, commercial zoning typically allows retail and office buildings, while residential allows only apartments or homes. When zoning is in place throughout a community, it is easier for all parties involved in the land development process to understand what the people of that the community have envisioned for the future.

This land use plan updates satisfies the land use certification process and forwards the Fort Defiance Chapter Government to effectively and collaboratively managing and making future decisions regarding local matters pertaining to land uses. In addition the land use plan articulates that "the land use plan serves as a guide for future development and provides a foundation for zoning ordinances ... it also allows the Chapter to evaluate potential development projects while balancing the diverse needs of the community with concerns, cultural traditions and natural resources... a solid land development plan is needed" (Gardner, Piawka & Trevan, 2014, p. 19).

II: Community Land Use Plan Elements

Fort Defiance Chapter's Community Land Use Elements

II. FT. DEFIANCE CHAPTER'S COMMUNITY LAND USE PLAN (CLUP) ELEMENTS

A. OVERVIEW

The balance of this planning document consists of the Community Land Use Plan "elements", that are the Ft. Defiance Land Use Planning Committee (FD CLUPC)'s endorsed statements of the local community land use and development policy. These elements are as follows:

1. **Land Use Element:** Establishes the framework for orderly physical development and environmental protection.
2. **Transportation Element:** Provides for an efficient community transportation system for the safe and efficient movement of the local community members, tourist and residents.
3. **Housing Element:** Promotes a mix of potential housing selections for local community residents/members while enhancing alternative housing opportunities.
4. **Natural Resources:** Outlines the local community's policy commitment to use the Fort Defiance's natural resources for the long-term well-being of current and future community members.
5. **Preservation Element**: For preservation, this element provides direction to preserve and maintain the Ft. Defiance community's sacred and valued cultural resources.
6. **Community/Economic Development Element**: Provides guidance for developing and maintaining the Ft. Defiance community's potential commercial areas, particular the proposed business corridors. This element also presents strategies to expand the Ft. Defiance Chapter's economy to

ensure sustainable development that promotes the standard of living and self-sufficiency for local community members.

7. **Agricultural Development Element**: Reinforces the Ft. Defiance's community's commitment to continued diversification and enhancement of agriculture and agri-business opportunities.
8. **Infrastructure Development Element**: Provides direction to ensure that adequate infrastructure is available to support current and future Ft. Defiance community members, enterprises, housing and economic development initiatives.
9. **Community Facilities Element**: Provides direction for providing services and developing Ft. Defiance's community amenities and facilities that enhance the quality of life for local residents and community members.
10. **Community Land Use Plan Administration**: Describes how the Plan will be administered over time, including such issues as exceptions, amendments, and periodic reporting on the progress of the Plan's implementation.

The ***"elements"*** includes a series of goals that are related to key topics. Under each goal is a set of strategies intended to guide the achievement of that goal. At the end of each element are several action/implementation measures that identify the actions necessary to effectively implement the Community Land Use Plan. The following definitions describe the nature of the statements of goals, objectives, and the implementation measure as they are used in this Plan:

→ **Goal:** The ultimate purpose of an effort stated in a way that is general in nature and immeasurable.

→ **Strategies/Actions:** A specific statement in text or diagram guiding action and implying clear commitment. Strategies/Actions are nested under each goal and they correspond with their goal and the sequence of policies under that goal.

Fort Defiance Chapter's

Element's Goals & Objectives

1.0 LAND USE ELEMENT

1.1 Land Use Purpose Statement: The Land Use Element is the overall set of guiding principles for the Fort Defiance General Plan. It is intended to lay the foundation for the orderly physical development and environmental protection of the community where desired and protect areas where the Community would like to see no development occur. It provides a complementary mix of uses to accommodate residents, public institutions, commerce and traditional cultural activities.

The Land Use Element functions as a guide for Chapter officials, the general public, the development community, and other interested parties as to the ultimate pattern of development. The Land Use Element has the broadest scope of the elements and plays a central role in correlating all land use issues into a set of coherent development strategies that relate directly to the other plan elements.

1.2 Land Use Element Overview: The essential components of the Land Use Element are the Community Land Use Plan Map (Appendix 8: Fort Defiance Overall Map) and the goals also policies that guide future development. While the Community Land Use Plan Map may be seen as the most essential component of the entire 2018-2023 Community Land Use Plan, it is basically a graphic representation of the policies expressed by all of the current Community Land Use Plan's elements. Users of this document are advised to refer the policies as well as the procedures when evaluating proposed Development and Capital improvement projects.

The goals under this Land Use Element are about balancing future development with preservation, and ensuring there are future enforcement mechanisms for this plan.

1.3 GOALS AND OBJECTIVES

Community Planning Systems

Goal A: **To improve Chapter's planning capabilities and capacity within the Chapter's community government.**

1. Encourage the maintenance of "high quality & state of the art" information systems within the Chapter government to support land planning analysis and

decision-making.

2. Collaborate the Chapter's land use planning activities among Navajo/tribal departments and programs that can assist with planning, improving and maintaining the Chapter's infrastructure and facilities.
3. Enforce and encourage consistency the Community Land Use Plan and proposed zoning ordinances.
4. Conduct and maintain annual land use inventory for proposed development.
5. Increase and encourage Chapter member's involvement in land use decisions.
6. Conduct and monitor development with the community and Chapter's boundary to ensure that encroachment from adjacent Chapter doesn't occur.

STRATEGIES

1. Update Community Land Use Plan every 5 years.
2. Participate in the Chapter's Capital Improvement Plan (CIP) or Priority Project development process to identify required infrastructure and facilities improvements and identify potential alternative funding sources to establish a realistic Chapter project listing.
3. Promote annual up-to-date land use inventory using Chapter's GIS.
4. **Incorporate Remaining Exclusive Service Areas...** within the Chapter to provide for orderly growth, protect the public health and welfare, maintain and protect the quality of life and to expand the area benefiting from Ft. Defiance's quality services.
5. **Work Cooperatively with Other Jurisdictions/Entities...** to achieve acceptable land uses and development intensities that will maintain expected levels of service while coordinating with other developments.
6. **Monitor the Community Land Use Plan...** and consider amendments as necessary to address changing land use and market trends that may result in new redevelopment pressures for aging development areas.

Goal B: **All community land use elements must have valid business and homesite leases, this includes that all livestock owners have valid permits.**

Manage the following land use and create zoning ordinances for each land use elements:

a. Existing Residential & Potential Residential: Housing Element represents conventional single-family homes for low to medium density in subdivisions and scattered development patterns, including mobile homes. Several sites is/are identified on Exhibit 24: FD Chapter Housing Parcel Map and Exhibit 25: FD Overall Chapter Map for future residential/housing development. This includes potential identified housing sites located within the community.
b. Community Facilities Element: This element represents community public use facilities such as hospital, clinic, police, fire stations, recreational/parks, and other community government facilities. Potential future community facility

developments are on Exhibit 24: FD Chapter Housing Parcel Map and Exhibit 25: FD Chapter Overall Chapter Map.

c. Economic, Community and Commercial Development: This element represents economic and commercial developments such as c-stores, cafes, gas stations, etc. Currently the community has three (3) business site leases located within the community: Conoco, 7/11, car wash, Thatsabuger, Humming Bird Café, Giant Convenient Store and Laundromat. Potential development sites include corridor and vendor sites.

d. Natural Resource (Open Space Element): Natural Resource Element (formally referred to as "Open Space") is identified undeveloped sites that are accessible and zoned for the community and/or public in accordance with the comprehensive plan adopted by a local government. Locations such as natural scenic sites such as canyons, lakes, ruins, etc. have been identified as natural resource element to conserve and enhance natural and/or scenic resources, protect water supplies, enhance recreational opportunities, and preserve visual quality along the highway, county roads, and street corridors.

Goal C: **Preserve all open rangeland when considering all future housing, economic development and industrial developments**

1. Community land usage must have a valid land withdrawal for homesite and business site leases.
2. Encourage all community livestock owners to have and/or obtain valid permits.
3. Encourage enforcement of all approved grazing regulations.
4. Preserve identified environmentally sensitive areas for wildlife and protected species.

Goal D: **Adopt applicable zoning, building and developing ordinances to ensure future growth and development is consistent with this plan.**

1. Regulate illegal land uses, prohibit illegal dumping, require removal of all non-working vehicles located outside valid homesite lease area, and remove all abandoned houses.
2. Develop a unified development theme that defines suitable building materials, landscape concepts and signage.
3. FD CLUPC will oversee development of zoning, subdivision, or building ordinances, educating the Chapter membership on the need for these ordinances, and seeking their approval.
4. Create a Chapter Zoning Office to begin compiling past records on land withdrawals, track future land withdrawal, business/commercial home-site leases and other developments.

Residential/Housing Development

Goal A: **Identify land suitability for residential and housing development to address**

scattered sites to multi-family housing development.

2. Encourage a broad range of housing options for community residence while preserving the quality and desirability of the Chapter's existing residential areas.

STRATEGIES

1. Promote future developments that will occupy and re-use spaces between existing and pre-developed areas.
2. **Provide a Mix of Housing Choices...** including a range of sizes and styles suiting community members of different ages and incomes throughout Ft. Defiance that will expand the local housing stock and provide opportunities for residential infill within existing development area. New residential development should remain consistent with the overall development quality of the community.
3. **Explore Options to Expand Housing Opportunities...** for populations with limited resources, such as senior citizens. Alternatives may include innovative types of dwellings, development incentives, utilization of state or federal tax credits, grant subsidies, partnerships between for-profit and non-profit housing developers, or other applicable options.

Environmentally Sensitive Areas

GOAL B: **Protect Chapter's environmentally sensitive areas within the community.**

1. Enforce development policies for potential projects and/or businesses to avoid destroying identified environmentally sensitive areas.
2. Protect identified natural resources from future development.

STRATEGIES

1. Develop zoning ordinances to maintain preservation regulations to govern land uses areas designated as preserves and other culturally and environmentally designated areas.

Culturally Sensitive Areas

GOAL C: **Protect Chapter's identified culturally sensitive areas within the community.**

1. Enforce development policies for potential projects and/or businesses to avoid destroying identified environmentally sensitive areas.
2. Encourage Chapter members, as appropriate, when there is potential development near sacred or historic areas within the community.

STRATEGIES

1. Promote new development does not destroy or compromise the Chapter's culturally designated sites.
2. Inform Chapter members when there is forthcoming proposed development being located on and/or near the community's historic/scared designed sites.

Land Use Compatibility

GOAL D: **Prevent and/or diminish unsuitability land uses within the Chapter boundary.**

1. Protect the commerce and industrial viability from incompatible usages.
2. Safeguard existing housing areas from encroachment by incompatible development projects.

STRATEGIES

1. Promote/develop buffering standards for business, industrial, and small businesses development to ensure compatibility with adjacent development and natural resources.

General Community Design

GOAL E: **Protect the natural surroundings and Diné cultural values from future development and is compatible with community's values.**

1. Encourage development and design guidelines/codes that ensure "quality" design in all forthcoming new and renovated development in the community.
2. Safeguard existing housing areas from encroachment by incompatible development projects.
3. Promote architectural themes and project site design that reflects Diné cultural values and compliments the natural environment surroundings.
4. Enforce all development proposals employ design strategies that minimizes changes to existing/approved topography and the disturbance of existing natural sources and vegetation.
5. Strategically Preserve Rural Character... and promote development standards along the each portion of the Chapter both within and outside Fort Defiance's borders.
6. **Manage Development Quality and Intensity...** along Fort Defiance's edge by applying recommended land uses as depicted on the Future Community Land Use Map and associated development levels as set forth by the adopted land use element's definitions.

STRATEGIES

1. Encourage Chapter to establish "development and design" guidelines to promote quality designs for all proposed development within the community.
2. Promote Diné cultural values in new development architectural themes and proposed project site designs.
3. Prepare informational materials that describe the Chapter's culturally based design expectations to prospective developers.
4. Encourage that new development provides adequate lighting levels to meet the safety and security requirements of the Chapter.

5. Organize and promote a community-based meeting to initiate and monitor sustainability programs and regulations and to assist in educating Chapter members regarding programs, policies and guidelines.

Industrial Development Design

GOAL F: **Encourage human-scale design elements in industrial and large-scale commercial developments.**

STRATEGIES

1. Promote development project that minimizes the perceived size and scale of large projects through building massing and organization; color and material variation; and landscaping.
2. Encourage the integration of small-scale, pedestrian-oriented commercial services into industrial areas.
3. Encourage site designs, internal street layout, and connections to adjacent area that accommodate the needs of motorist, pedestrians, bicyclist, transit users and residents.
4. Promote new industrial and large-scale commercial projects to incorporate design features that respect the sale of existing adjacent buildings.

Environmentally Sensitive Design

GOAL G: **Achieve environmentally stewardship in the design and construction of all public, private and tribal projects.**

1. Encourage the incorporation of "green building" to create environmentally responsibility and healthy place to reside and work. This includes:

   → Sustainability sites (brownfields, site disturbance, stormwater management)
   → Water efficiency (efficient landscaping)
   → Energy and atmosphere (renewable energy, green power)
   → Materials and resources (building reuse, recyclable materials, local materials)
2. Support the achievement of Leadership in Energy and Environmental Design (LEED) green building rating systems or an equivalent system to develop high performance, sustainable buildings and homes.
3. Encourage new development provides adequate lighting to ensure adequate lighting levels to meet safety and security needs of the community.

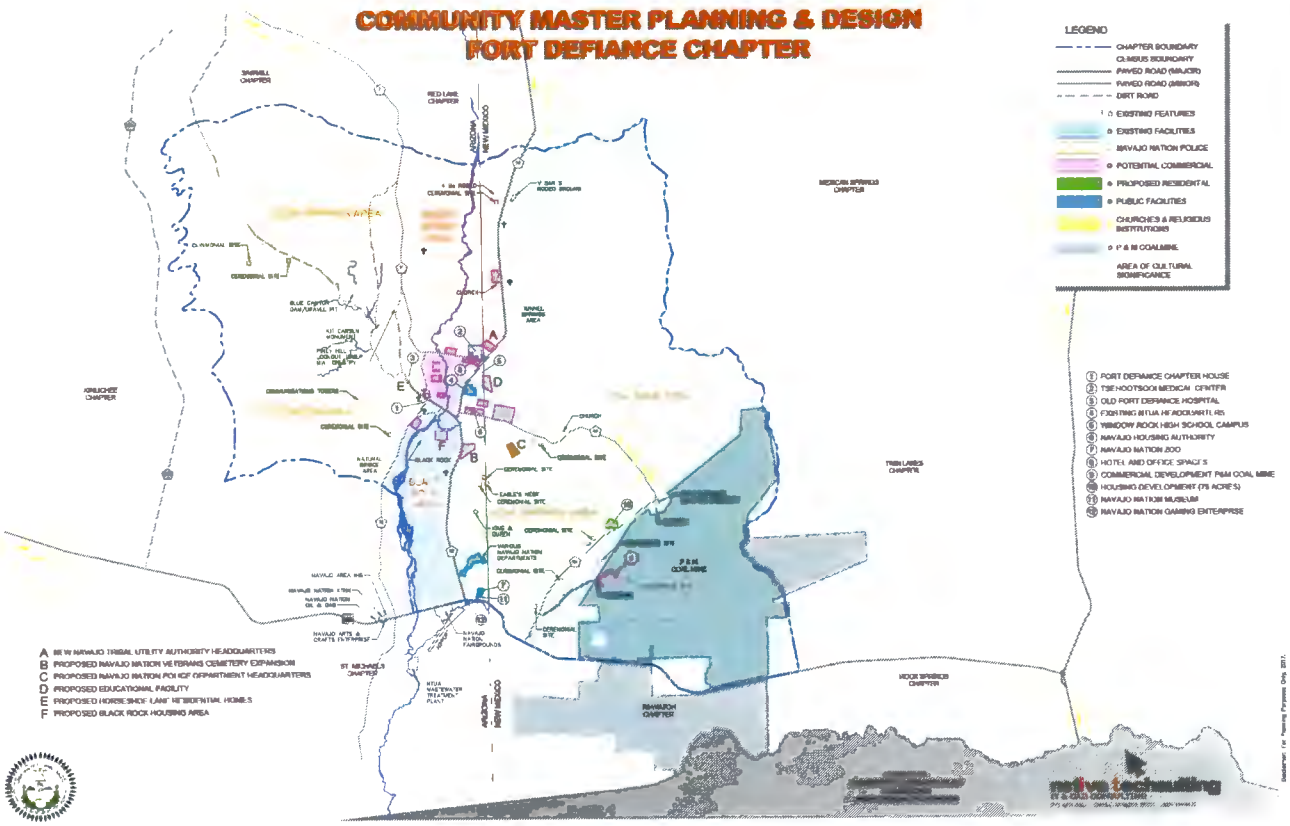
STRATEGIES

1. Encourage and collaborate with the Navajo Nation to establish a "green building program" to provide guidance to the development community concerning sustainable design.
2. Develop and/or adopt lighting standards that address safety, security, and light

STRATEGIES

1. Encourage and collaborate with the Navajo Nation to establish a "green building program" to provide guidance to the development community concerning sustainable design.
2. Develop and/or adopt lighting standards that address safety, security, and light pollution for appropriate areas of the community.
3. Increase sustainability programs and guidelines awareness within the community.

1.4 Fort Defiance Overall Community Map (Tab 25):



FORT DEFIANCE CHAPTER

2.0 TRANSPORTATION ELEMENT

2.1 Transportation Statement Purpose:

The overall vision for Fort Defiance's Transportation Element is to provide a safe, balanced, sustainable and efficient multi-modal transportation system that is consistent with the Chapter's overall vision and adequately serves anticipated growth for community members.

2.2 Transportation Element Overview:

The Transportation Element is conveyed through a combination of mechanisms such as the Fort Defiance Transportation Map that specifies the functional roles of all streets and roadways with the community.

1. Roadways:
2. Transit:
3. Bicycling and Pedestrians:

With guidance from CLUPC and community members, Chapter staff, Chapter Officials and Fort Defiance CLUPC helped identify several priorities:

→ Improve safety for all road users in Fort Defiance through street designs that accommodate all modes (cars, transit, non-motorized).
→ Support growth based on the adopted land use plan emphasizing proactive integration with community transit plans
→ Continue to provide a transportation system that supports freight movement in accordance to State, Federal & Navajo Nation Laws.

The Transportation Element sets a framework for understanding, prioritizing, and developing transportation network to help Fort Defiance achieve its vision.

The Transportation Element serves both as a functional plan to guide the Fort Defiance Chapter's transportation investments and as a required element addressing the

overarching framework for transportation in Fort Defiance Chapter's Comprehensive Plan. The document also ensures coordination with the other elements of the Chapter's Comprehensive Plan, including the Land Use Elements, and other major planning efforts.

In essence, the Transportation Element guides the development of the Navajo Department of Transportation's (NDOT) project list, the Transportation Improvement Program, by identifying the types of projects the Chapter should undertake to support future travel needs. The plan also evaluates how these projects coincide with the community's values and financial resources in reference to NDOT.

Fort Defiance's strategic location adjacent to Highway 264 and I-40 Interstate, its local reputation for quality residential and employment development, and excellent schools have all facilitated rapid growth that has increased traffic congestion. Balancing the level of development with the capacity of the road system has been a critical issue throughout the planning process. Maintaining acceptable levels of service on the community's roads is directly linked to the intensity of development.

Fort Defiance is expected to continue attracting substantial growth with an emphasis on economic/community development and employment. This, in turn, will permit the Chapter to support very high public service levels. Factors critical to addressing traffic issues include: determining acceptable limits for congestion; controlling the quality and pace of development in outlying areas; assuring the quality of the built environment; and maintaining revenues to support high quality services.

Ft Defiance's current development is partially characterized by commercial/Industrial buildings (potential development sites) set back significantly from the roadway, and by isolated, low density residential subdivisions that lack strong connectivity. Transit service requires buildings and uses to be sited so that one stop can serve several developments and minimize the walking distance for transit users. There is, however, a need to reserve transit locations so that as the community matures, transit facilities can be provided. Coordinate efforts with the Navajo Transit program to plans for transit service in and around Ft Defiance. They can provide additional recommendations on transit service enhancements. Overall, the purpose of the Transportation Element is to set forth a plan for future road improvements. In addition, the plan provides a system of and design for major streets/highway/roads, existing and proposed, distinguishing between limited access, primary and secondary thoroughfares, and relating major thoroughfares to the road network and land use of the surrounding area.

An understanding of land uses is important because land use influences travel patterns. Land use is integrated with transportation since land use decisions affect transportation

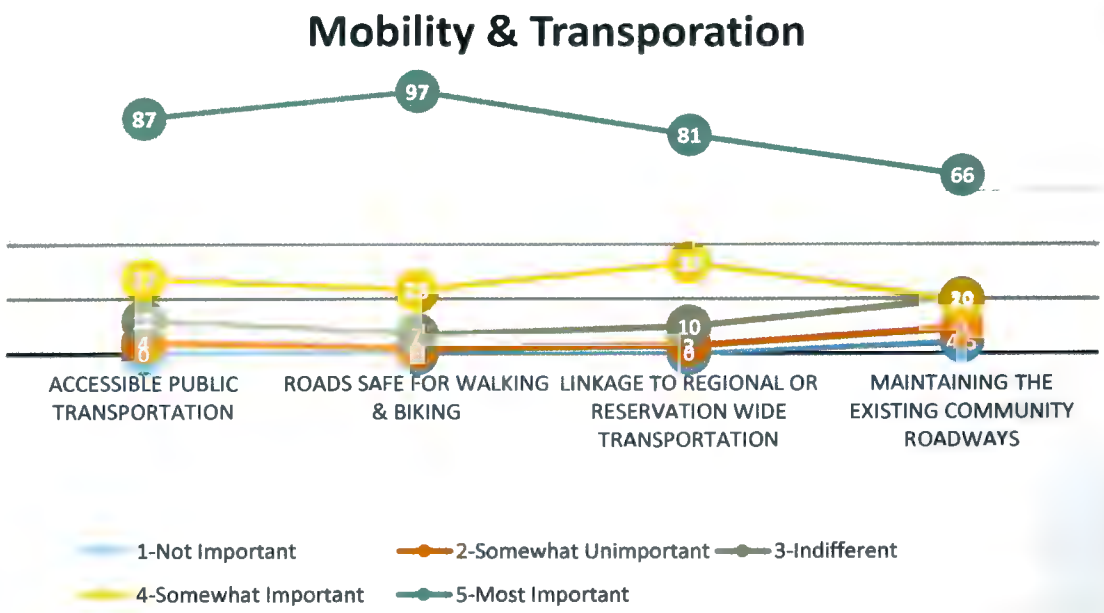
systems and can increase viable options for people to access opportunities, goods, services, and other resources to improve the quality of their lives. In turn, multi-modal transportation decisions may have effects on existing and future land use demand, choices, and patterns. Coordinating land use and transportation planning and development is imperative to "Smart Growth" and sustainable development of communities (Kimley-Horn & Associates, 2012, p. 5).

This section provides an overview of existing and planned land use within the study planning area. Existing land uses are shown in the map below also includes enlargement insets of the Fort Defiance Chapter growth areas.

2.3 Community Land Use Plan (CLUP) Community Survey Results:

3. Please rank the MOBILITY AND TRANSPORTATION statement below on a scale of 1 to 5 regarding the importance of Fort Defiance's Mobility and Transportation to you. (1 = Not Important to 5 = Most Important)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1-Not Important	2-Somewhat Unimportant	3-Indifferent	4-Somewhat Important	5-Most Important
Accessible Public Transportation?	0 0%	4 3%	12 9%	27 21%	87 67%
Roads safe for walking and biking?	0 0%	2 2%	7 5%	23 18%	97 75%
Linkage to regional or reservation wide transportation opportunities?	0 0%	3 2%	10 8%	33 26%	81 64%
Maintaining the existing community roadways as they currently exist with little or no change?	11 9%	9 7%	20 16%	19 15%	66 53%



The Mobility and Transportation survey questions; eighty-seven (87 or 67%) of the respondents listed "accessible to public transportation" as the most important; ninety-seven (97 or 75%)

found that "roads safe for walking and biking" was most important for the community; eighty-one (81 or 64%) indicated that "linkage to regional or reservation-wide transportation opportunities" was either "somewhat" and "most" important factor; while "maintaining the existing community roadways as they currently exist with little or no change" was most important to sixty-four (66 or 53%) of the residents.

2.4 Transportation Element's Goal & Strategies:

Transportation Element's Goals & Strategies

Roadway Systems

GOAL A: Maximize roadway safety and mobility for the Chapter's members while enhancing the community's identity and providing access to local businesses, public facilities, recreational and tourist attractions.

1. Plan, promote and maintain a roadway network that links community members to their destination within and beyond the Chapter boundary in a safe and efficient manner.
2. Promote new roadway connection between Blue Canyon and Sawmill to serve the needs of the Chapter residents.
3. Identify and inventory all roadways within the community. (Rt. 12, Rt. 7, Rt. 54, Rt. 112 & Rt. 110)
4. Promote the enforcement of speed limits on the community's roadways.
5. Address and prioritize the roadway system within the Fort Defiance community that needs improvements such as sidewalks, lightings, etc. (Sawmill and RT-7 between Fort Defiance and the Chapter).
6. Address bridge improvements (Navajo Department of Transportation (NDOT) has a list including Apache, McKinley county)
7. Secondary routes to be improved upon and possibly have aggregate material place upon them includes roads, Old Red Lake Rd to Rabbit Brush, Blue Canyon Rd to Deer Springs, White Face Mountain & Sandy Hills Road.

STRATEGIES/ACTIONS

1. Advocate for paved road between Blue Canyon Fort Defiance, White Face Mountain Rd., Sandy Hills Rd., Old Red Lake Rd, King & Queen Rd. in Goat Springs & Pigeon Springs Rd.
2. Identify and support the acquisition of future "right of ways"/BIA sufficient to ensure the development of a roadway network that provides for the safety and mobility of community members for residential and business purposes.
3. Collaborate and coordinate with adjacent Chapters/communities/Navajo Nation to ensure safe and secure access to commercial/residential areas while managing the quality and intensity growth along the Chapter's periphery.

4. **Engage Adjacent Jurisdictions and Regional Entities**... to periodically monitor and cooperatively manage growth through a range of mechanisms (e.g. Chapter boundaries, chapter boundary map filed 2003 with Offices – Office Navajo Land Land Administration (ONLA), NDOT & (Apache County & McKinley County) land capacity, and population projections).
5. **Coordinate with Surrounding Jurisdictions**... and use this Plan to influence the quality and intensity of development, and address smaller-scale planning projects and issues.
6. Review the current process for acquiring and managing rights-of-way (R.O.W) to provide direction on securing, utilization, and provision of (R.O.W) needed. Based on this review, develop policies and regulations for effective (R.O.W) management.
7. Support the installation of culvert and graveling of NDOT access to primary and secondary road(s).
8. Support the Chapter's & NDOT's Blue Canyon Road Improvement project from the mouth of the canyon to the intersection near the bridge which is on NDOT's priority project list.
9. Support the Chapter's proposed Road Improvement Project to request NDOT to include eight (8) additional roads to the road inventory list for maintenance and repairs (Blue Canyon, Cedar Hills, Old Black Rock and Old Red Lake Roads, White Face Mountain Road, Sandy Hill Road, King and Queen Road & Pigeon Springs Loop.

TRANSIT SYSTEMS

Goal B: To increase transit options and improve services for community members, employees, tourists and visitors.

1. Continue to operate and expand as necessary with a focus on providing services to those dependent on the transit system (e.g., elders, disabled, CHR, school bus routes and non-emergent vehicles).
2. Work with the Navajo Nation Transit program to coordinate routes and improve connectivity, convenience and options.
3. Advocate privately-provided transit services to support the travel needs of employees, clients and visitors, including shuttles connecting activity centers within and adjacent to the community (e.g., Non-emergent transport, casinos, hotels, tourism, restaurants, bed and breakfasts, shuttle, taxi, etc.)
4. Work with the Navajo Dept. of Transportation/Transit and adjacent jurisdictions to determine the demand for and feasibility of establishing additional transit services.
5. Promote and repair BIA unpaved roads, such as Old Red Lake Road, Rabbit Brush Road, Bonito Creek Road & Old Black Road with the request of the chapter house to maintain master plan accessibility for community members to travel to work & meet the school bus routes.

Strategies/Actions

1. Encourage the development of a "transit master plan" for the Fort Defiance community and surrounding vicinity.
2. Transportation:
   a) Provide better roads and improve dirt and paved roads.
   b) Provide better pedestrian connections including all weather access routes and sidewalks.
   c) Street-lights, bike routes, bus stops & cross walks.

Non-Motorized Transportation

Goal C: To ensure the development of safe facilities to accommodate non-motorized transportation.

1. Encourage non-motorized travel opportunities within the Community, with an emphasis on accommodation of the needs of Community residents and employees.
2. Create more recreational opportunities for Fort Defiance community members, tourist and visitors to improve the health and quality of life of the community.
3. Require the installation of pedestrian and bike lanes (where appropriate) as part of new road construction projects & the existing roadways.
4. Promote for the improvement of roadway shoulders to accommodate pedestrians and bicyclists where roadway width which does not allow designated lanes.
5. Installing more streetlights to improve safety such as the illumination of Solar Street Lights from Junction of Route 7, Route 112 South, Route 110, Route 54, Route 73 & Cedar Hill Road.

Strategies/Actions

1. Develop a "trails master plan" to connect activity areas for pedestrians, bicyclists, and equestrians within the Fort Defiance community.
2. Supporting the sidewalk and bicycle lanes to promote walkability for pedestrian safety and healthy living.
3. → Identify potential areas for walking/running & bike trails.
   → Support and promote the establishment of a Fair Ground to include a new rodeo ground & pow-wow facility.
   → Support and promote the development of an RV park.
   → Create recreational trails such as bike, jogging, hiking routes, etc.
4. **Provide Additional Convenient Linkages**... within the existing system for pedestrians and bicyclists that are continuous and direct to and between activity areas in order to increase mobility, serve recreation needs, and encourage reduced automobile trips.
5. **Develop & Monitor New Development Codes...** such as zoning regulations to ensure pedestrian mobility and transportation alternatives are successfully supported with new developments. Consider additional Code revisions to promote these goals throughout the community.

TRANSPORTATION PLAN & STANDARDS

Goal D: **Establish a long-term comprehensive transportation plan for roadway improvement and public transportation for Fort Defiance community to utilize.**

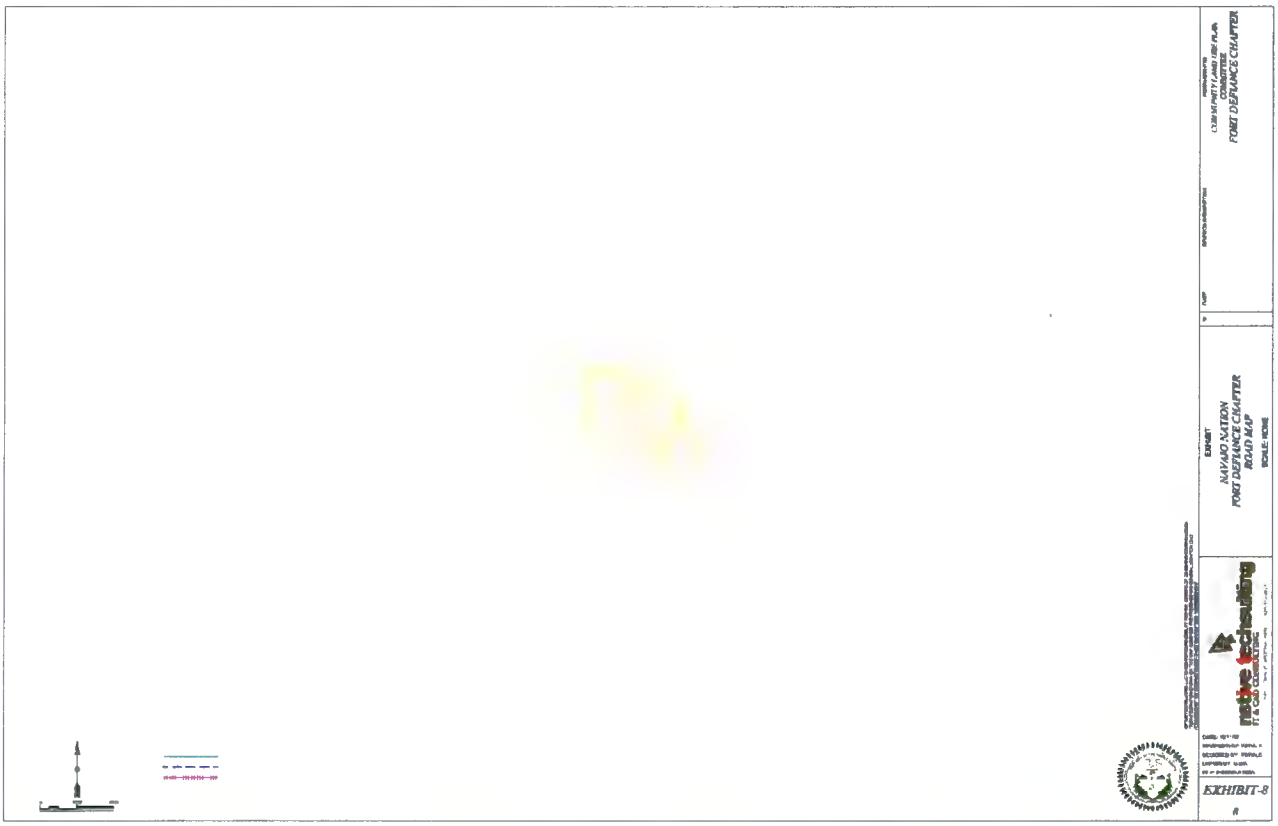
1. Collaborate with regional chapters on developing a comprehensive transportation plan.
2. Members will work together and partner on transportation issues, share information about transportation programs, funding sources and network on the best approaches in dealing with transportation bureaucracies.
3. Continue to promote roadway improvement projects that have been funded and are in the process of being upgraded, proposed or developed with appropriate clearances (EPA, Archeological, etc.)
4. Members need to research secondary transportations plans such as the Fort Defiance NDOT Transportation Study.
5. Develop a roadway inventory for all future developments:
   - → Coalmine (Pigeon Springs Loop)
   - → Blue Canyon/Deer Springs
   - → Rabbit Brush Route 9451
   - → Old Red Lake Rd North
   - → Cedar Hills Rd
   - → Sandy Hill Rd
   - → King & Queen Route East
   - → Goat Springs West
   - → Bonito Creek Wash Rd
   - → Cemetery to Pigeon Springs Rd
   - → Hillis Rd
   - → Presbyterian Mission Rd
   - → White Face Mountain Rd
6. Promote safety by supporting the installation of street lights/caution lights at the crossroad and upper business corridor.
7. Reclamation of dirt roads (recreational, vehicles, etc) that are no longer used by resident in order to increase the available rangeland.

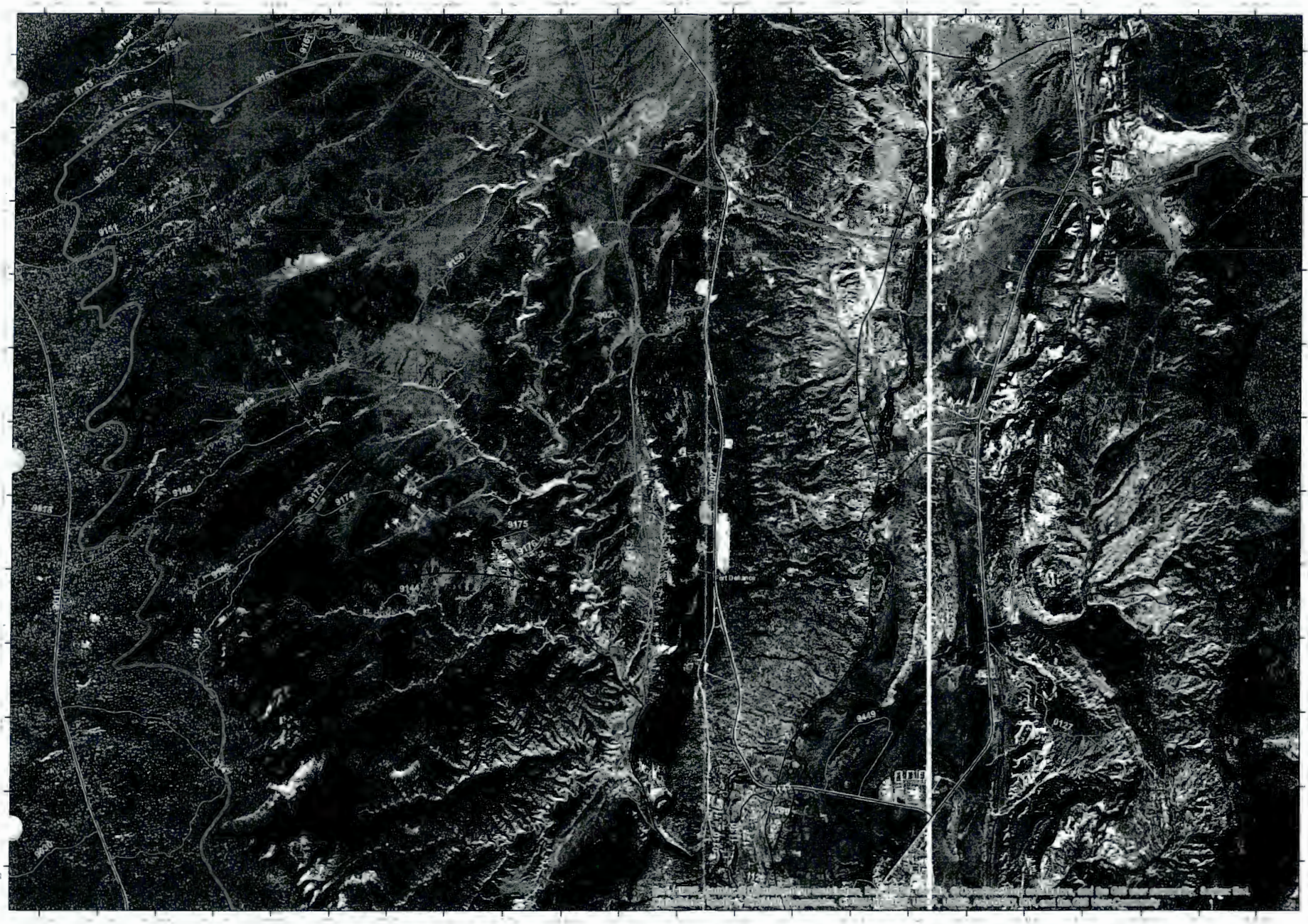
Strategies/Actions

1. To actively participate and seek federal, state, and local funding, technical assistance and training.
2. To promote safe, sustainable and efficient modes of transportation.
3. To be proactive and raise awareness of tribal transportation issues.
4. Identify local gravel sites for future transportation project in Blue Canyon.
5. The Chapter membership shall approve the primary road project by resolution during a duly-called Chapter meeting. The resolution shall contain information on the project's scope, budget, and schedule. The approved resolution will be submitted to either NDOT, BIA or appropriate department/entity.

6. Advocate for (refer to road list above) road improvement in order to increase safety measures for vehicle and pedestrian traffic, including school buses.
   a) Collaborate with NDOT and Roads Committee regarding status of the projects.
   b) Develop and compile a roads project summary for Council Delegate that provides a current status description.
   c) Request Chapter Support Resolution to local School District/BIA School/County to improve the bus stops for safety and accessibility purposes.
7. Identify all unnecessary/secondary roads within the Ft Defiance community.
8. The Chapter shall work with local residents and Chapter Grazing Officer to identify roads that are no longer being used and encourage residents to decrease number of roads leading to a single residential site.
9 The Chapter shall develop a reclamation road plan to identify roads no longer being utilized (re-contour areas and reseed) and to turn the land back into grazing land.)

2.5 Fort Defiance District Roadway Map (Tab 21):





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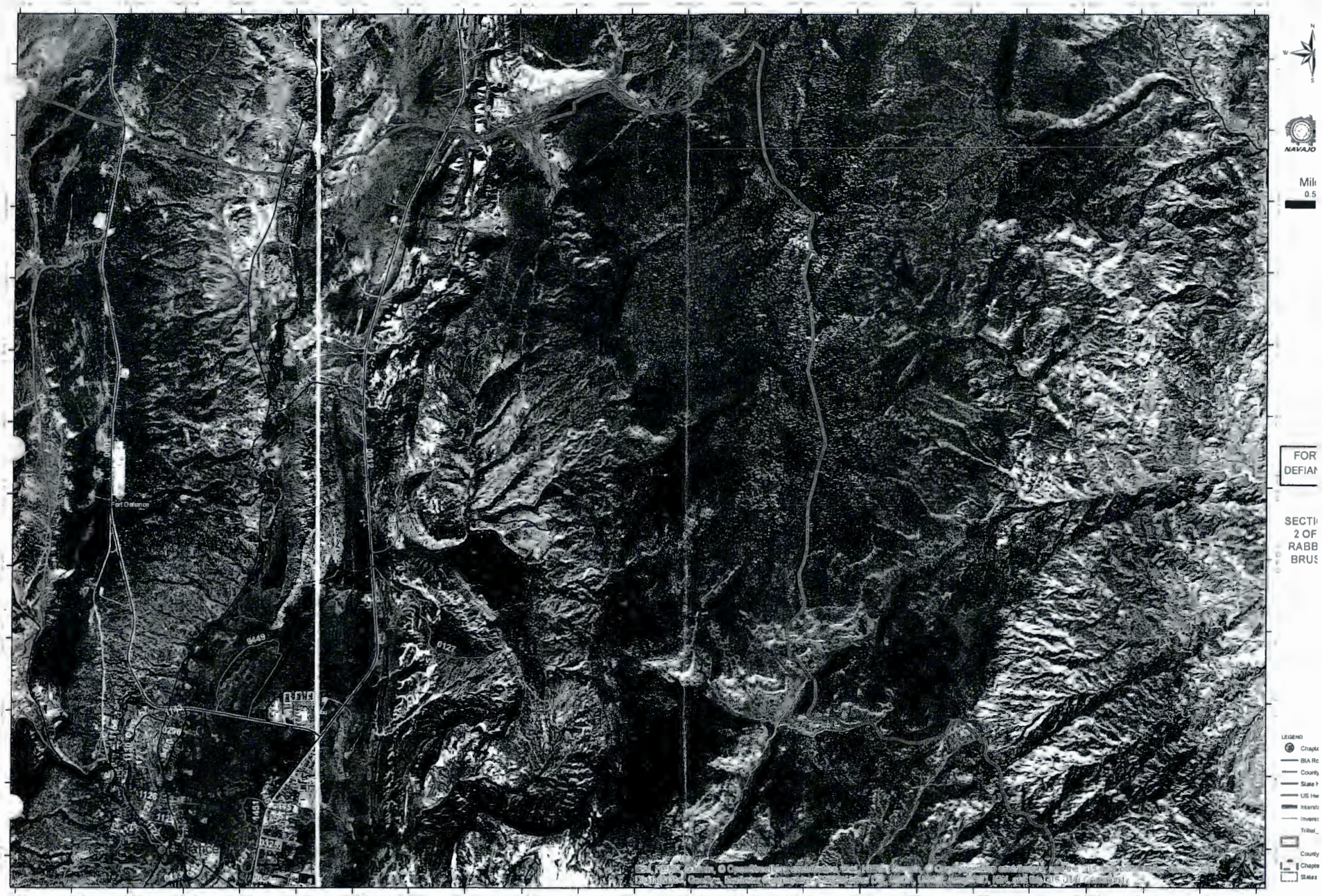
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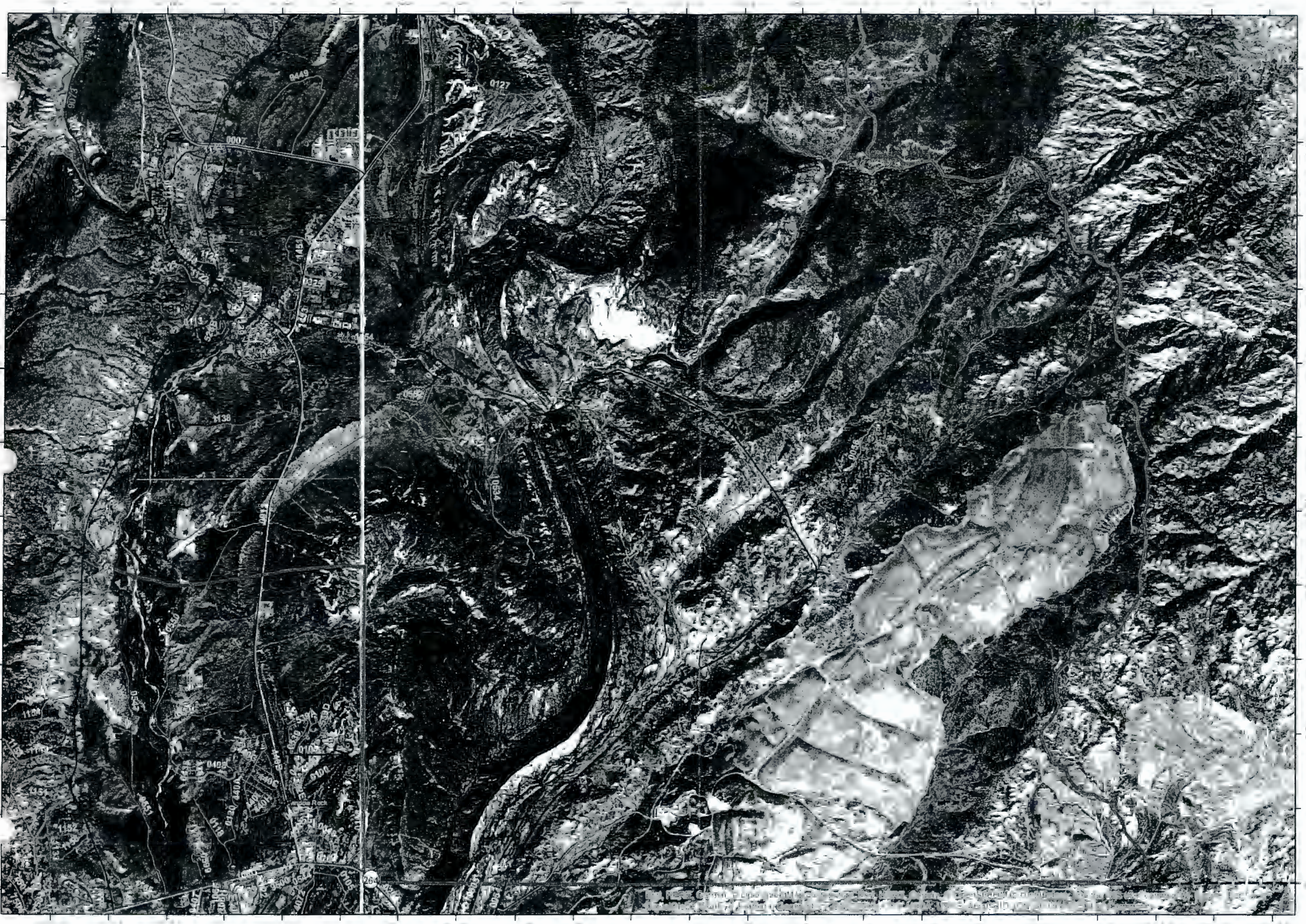

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Fort Defiance Chapter's

3.0 Housing Element

3.1 Housing Purpose Statement: Housing Elements includes specific components such as analysis of the existing housing stock, analysis of existing and projected housing needs, and quantification of the number of housing units that will be developed, preserved and improved through the policies and actions.

3.2 Housing Element Overview: The Fort Defiance Community Land Use Planning Committee (Fort Defiance CLUPC) has prepared this document to help its citizen's secure adequate and affordable housing, and to meet State law. In addition, this Housing Element update has the following basic objectives:

- ✓ To evaluate and quantify community housing needs, constraints and available resources to effectively satisfy those needs;
- ✓ To increase public awareness and understanding of the Chapter's housing situation and its goals to encourage public participation in addressing those housing needs;
- ✓ To provide a comprehensive document that includes goals, objectives and programs to assist guide community efforts to meet housing needs through informed decision-making on land use and housing choices;
- ✓ To help develop more affordable housing, and a wider variety of housing, to meet the Chapter's housing needs for the current planning period for the next five (5) years.
- ✓ To track and document the effectiveness of Chapter programs in meeting housing needs, and to evaluate opportunities for improving those programs;
- ✓ To enable the Chapter to secure financial assistance for the potential construction of affordable housing for very low-, low- and moderate-income residents; and to fully integrate environmental sustainability, "smart growth" and conservation strategies into the Chapter's housing policy.

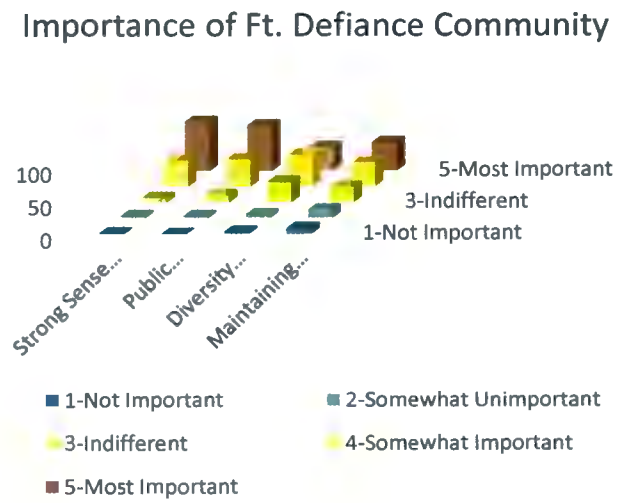
Existing housing developments include employee housing at the new Fort Defiance TMC Indian Hospital, and teacher housing for Window Rock High School, Tse Ho Tso Elementary School, and Tse Ho Tso Intermediate School. A 229-unit subdivision for hospital employees is under construction to the north and west of the new Fort Defiance TMC Indian Hospital.

Chapter members expressed a strong demand for improvements to existing housing, infrastructure improvements to trailer parks, and a need for additional housing units. Housing for middle-income families in Fort Defiance was identified as a specific housing need. These improvements will have to be coordinated to accommodate the projected demand for an additional 693 housing units by 2020. (PAIKI, 2003, p. 11).

3.3 Community Land Use Plan (CLUP) Community Survey Results:

1. Please rank the COMMUNITY statement below on a scale of 1 to 5 regarding the importance of the Fort Defiance Community to you. (1 = Not Important to 5 = Most Important)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1-Not Important	2-Somewhat Unimportant	3-Indifferent	4-Somewhat Important	5-Most Important
Strong sense of community pride?	2 2%	4 3%	8 6%	40 31%	76 58%
Public participation and/or Community Involvement?	1 1%	4 3%	12 9%	42 33%	70 54%
Diversity among residents and neighbors?	4 3%	6 5%	32 25%	49 38%	37 29%
Maintaining the community as it is?	9 7%	13 10%	24 19%	37 29%	44 35%

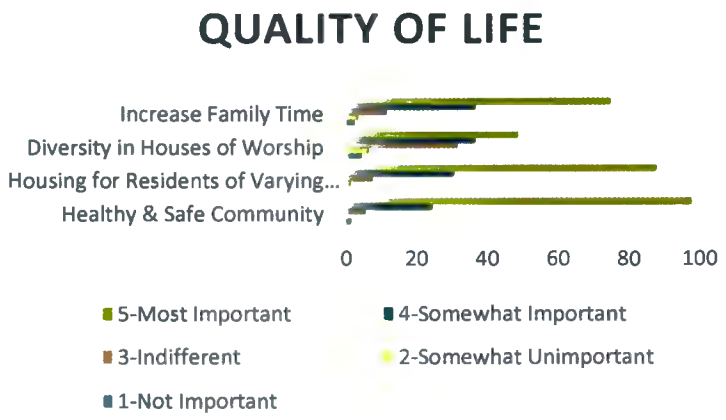


1. In regards to the "importance of the Fort Defiance Community" to the 131 respondents, fifty eight (58%) or 76 residents considered it "most important" to have a "strong sense of community pride"; fifty-four percent (54%) or 70 respondents that "public participation and/or community involvement" was "most important"; twenty-nine (29) or 37 % surveyed indicated that diversity among residents and neighbors were either somewhat important and/or most important factors; and a minimum of (35%) or 44 respondents stated that" maintaining the community as it is", was most important to them.

2. Please rank the QUALITY OF LIFE statement below on a scale of 1 to 5 regarding the importance of the Fort Defiance's Quality of Life to you. (1 = Not Important to 5 = Most Important)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1-Not Important	2-Somewhat Unimportant	3-Indifferent	4-Somewhat Important	5-Most Important
Healthy & Safe Community?	1 1%	0 0%	5 4%	24 19%	97 76%
Housing for residents of varying ages and income levels?	0 0%	1 1%	7 6%	30 24%	87 70%
Diversity in houses of worship?	4 3%	6 5%	31 25%	36 29%	48 38%
Increase family time?	2 2%	3 2%	11 9%	36 29%	74 59%

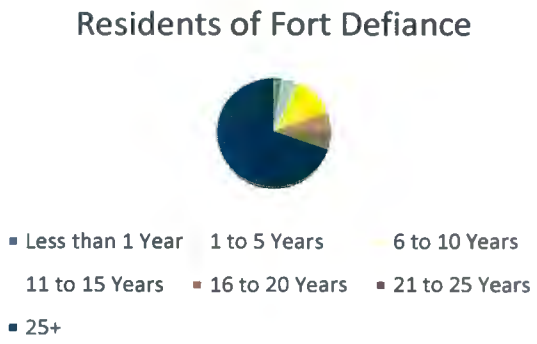
2. The Quality of Life questions that allowed community members to rank the questions from -Not Important to 5-most important; for "health and safe community" approximately ninety-seven (97 or 76%) responded that it was "most important" to them. Eighty-seven (87 or 70%) stated that "housing for residents of varying ages and income levels" were most important; forty-eight (48 or 38%%) indicated that "diversity in houses of worship" was most important; while fifty-nine percent (59% or 74 respondents) recorded that an "increase in family time" was most important.



6. How long have you been a resident of Fort Defiance and/or surrounding communities?

	Number of Response(s)	Response Ratio
Less than 1 year	3	2.3%
1 to 5 years	6	4.6%
6 to 10 years	7	5.4%
11 to 15 years	9	7.0%
16 to 20 years	7	5.4%
21 to 25 years	7	5.4%
More than 25 years	89	69.5%
Total	128	100%

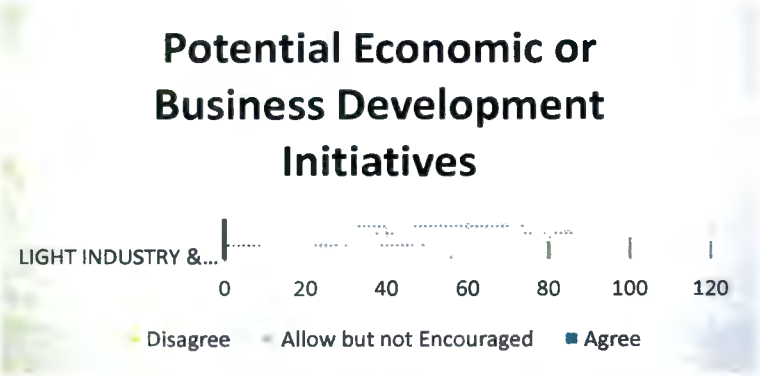
6. A majority of the community members indicated that they have been residents for 25 years and over (69.5% or 89 respondents). Only seven (7 respondents or 5.4%) of the residents indicated that they were in Fort Defiance between 21 to 25 years while eighteen (32 respondents or 10%) stated they were residents of the community between 1 to 20 years.



14. What type of economic or house development initiative(s) do you think Fort Defiance community needs?

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Agree	Allow but Not Encouraged	Disagree
Light Industry & Manufacturing	66 52%	49 39%	11 9%
Heavy Industry & Manufacturing	43 34%	58 46%	24 19%
Mineral Extraction	25 20%	40 31%	63 49%
Condominiums	56 45%	43 34%	26 21%
Dupluxes	70 54%	40 31%	19 15%
Mobile-Home Parks	63 49%	47 37%	18 14%
Multi-family Residences	86 67%	37 29%	6 5%
Single-family Residences	96 75%	26 20%	6 5%
Scattered Site Homes	79 62%	32 25%	17 13%
Clan Pods/Clustered	52 42%	51 41%	20 16%
11 Comment(s)			

14. The type of economic or business development initiative(s) that Fort Defiance community members additionally indicated that the community needs also "agree[d]" on are Single-family Residences (75% or 96 respondents); Scattered Site Homes (62% or 79 respondents); Multi-family Residences (67% or 86 respondents); Light Industry & Manufacturing (52% or 66



respondents); and Mobile Home Parks (49% or 63 respondents). Approximately, 46% or 58 respondents "Allow but Not Encouraged" on Heavy Industry & Manufacturing; Clan Pods/Clustered (41% or 51 respondents); (39% or 49 respondents) Light Industry & Manufacturing; Mineral Extraction (31% or 40 respondents); Condominiums (34% or 43 respondents) and Mobile-Home Parks (37% or 47 respondents). A high percentage of the survey respondents indicated that Mineral Extraction was "disagree[d]" as a type of economic development initiative for the Fort Defiance community. **Additional comments included**: Planned communities creates more organization opposed to scattered home sites. Infrastructure, intermodal and addressing is more viable more importantly creates a sense of inclusion; If you have land to build house I guess ok. People will not give up their land is the problem; More affordable housing for workers & a nice 3 story level office complex that can be leased out by the Chapter for generating revenue. Improve internet capabilities for the residents and encourage neighbor watch, fix residential roads, explore possibilities of a property tax to use for improving infrastructure or use bonds to finance projects; Redevelopment of the old hospital area and around the area across from the chapter house. Plus demolition of the Rio Puerco estates area. Removal of all the old abandon developments; Plenty of abandoned homes in the area. Homes are plastered with graffiti and are a haven for the gang members in town. The homes need to be leveled and the area cleaned up of broken glass and other debris; Anything. Open the land to development. Stop waiting for the Navajo Nation and Navajo Housing Authority to do everything; Definitely need land for much needed housing development. Especially for single people and disabled people. Fort defiance is in high demand because of the hospital. Many need to live near it or work there; Navajo people make money and everything does not need to be for low income people; most housing opportunities are targeted towards low income or income based, need alternative housing options for single and working professionals. This will help the community by keeping navajo dollars in the local economy; Mineral extraction such as coal is not encouraged, but aggregate extraction is encouraged with emphasis on dust and sound control scattered sites and cluster sites are
discouraged due to utility issues. This type of planning puts an undue toll on infrastructure; and Love the clan pod/cluster with the farming idea.

15. In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

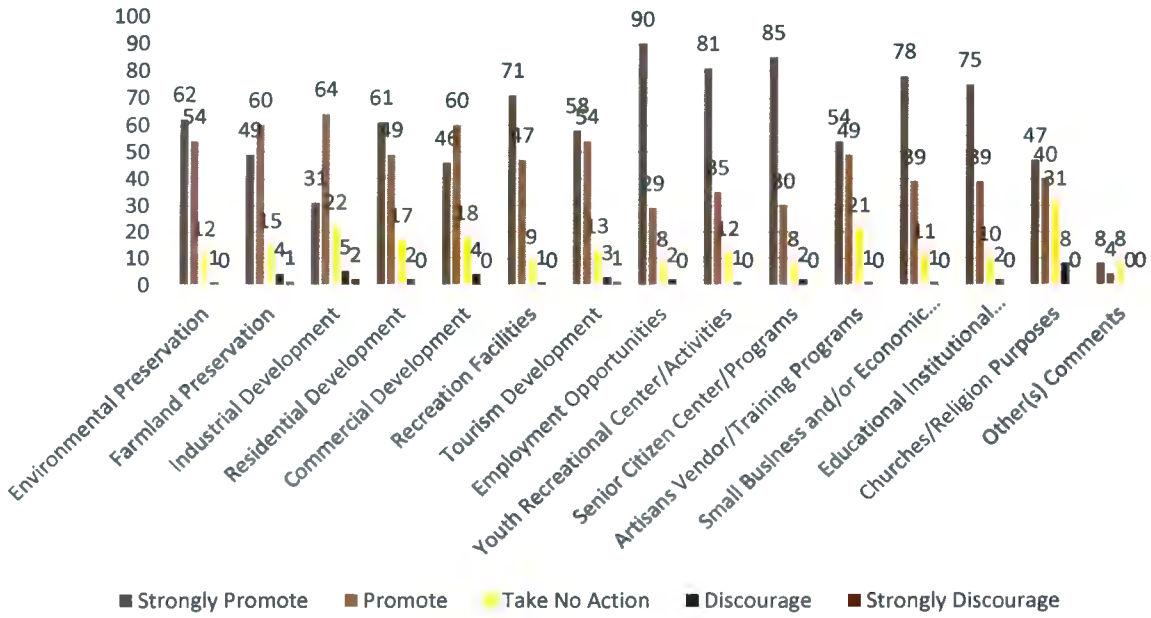
	Strongly Promote	Promote	Take No Action	Discourage	Strongly Discourage
Environmental Preservations	62 48%	54 42%	12 9%	1 1%	0 0%
Farmland Preservation	49 38%	60 47%	15 12%	4 3%	1 1%
Industrial Development	31 25%	64 52%	22 18%	5 4%	2 2%
Residential Development	61 47%	49 38%	17 13%	2 2%	0 0%
Commercial Development	46 36%	60 47%	18 14%	4 3%	0 0%
Recreational Facilities	71 55%	47 37%	9 7%	1 1%	0 0%
Tourism Development	58 45%	54 42%	13 10%	3 2%	1 1%
Employment Opportuniities	90 70%	29 22%	8 6%	2 2%	0 0%
Youth Recreational Center/Activities	81 63%	35 27%	12 9%	1 1%	0 0%
Senior Citizen Center/Programs	85 68%	30 24%	8 6%	2 2%	0 0%

9 Comment(s)

16. Continue: In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Strongly Promote	Promote	Take No Action	Discourage	Strongly Discourage
Artisan Vendor/Training Programs	54 43%	49 39%	21 17%	1 1%	0 0%
Small Business and/or Economic Development	78 60%	39 30%	11 9%	1 1%	0 0%
Educational Institutional Development	75 60%	39 31%	10 8%	2 2%	0 0%
Churches/Religion Purposes	47 37%	40 32%	31 25%	8 6%	0 0%
Other(s) Comment Below:	8 40%	4 20%	8 40%	0 0%	0 0%

4 Comment(s)

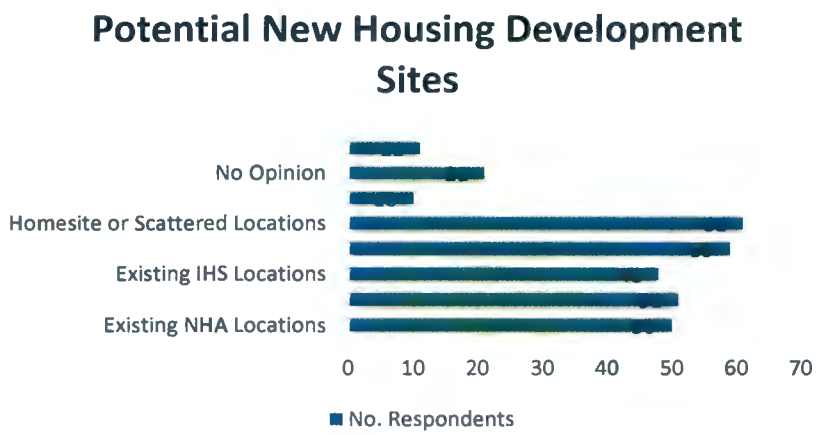


15 & 16. In planning for future development, Fort Defiance Chapter Officials should "strongly promote" Employment Opportunities (70% or 90 respondents); Senior Citizen Centers/Programs (68% or 85 respondents); Youth Recreational Centers/Activities (63% or 81 respondents); both Small Business and/or Economic Development and Educational Institutional Development (60% or 78/73 Respondents); Environmental Preservations (48% or 62 respondents); Residential Development (47% or 61 respondents); and Tourism Development (45% or 58 respondents). While viewing the charts a high percentile agreed to "strongly promote" and "promote" a majority of the categories listed, however, only 1 responded as strongly discourage[d]" for Tourism Development. **Twelve other comments** included 1) Fort Defiance Chapter seems to bias against certain age groups, people, and orientation. Need to have a civil right training and open to all walks of life; 2) Support more youth clubs or after school programs & more senior level activities to give back to the community. use college graduates to help plan & design a nice community. Investing in community is worth it & increases cohesiveness - project support or involve everyone during the planning process (buy in). FD is an ideal place for more development based on population & access to major roads, hospital, offices, etc.; 3) Traditional Preservation, too Strongly Agree; 4) Again Navajo people make money so nothing or all for just low-income people; 5) Promote with the intention of not exceeding maintenance capability. I hate seeing brand new

infrastructure with painted gang signs.; 6) pre-fabricated homes industry. Almost like a tiny home manufacturing plant; 7) Elderly Care needed in community; 8) Upgrade existing facilities; 9) Promote FD in the most positive way to entice business development or relocation. FD is a place for Navajo history & stories. Complete a community master plan & start. Good Luck & this survey is an excellent start!; 10) Cleaning up of the community and area. Pride in the town. Fix the roads!; 11) "I Personally feel that we have enough diverse churches in the area. We need to stimulate the economy for Ft Defiance. Clean up how our community looks. We have so many abandoned homes." and 12) Enforcement is lacking in the Fort Defiance area.

19. Where should new housing development be located in Fort Defiance?

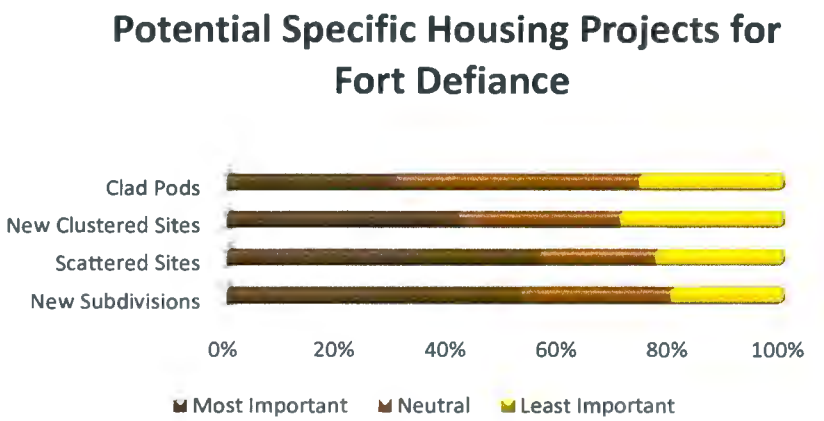
	Number of Response(s)	Response Ratio
Existing Navajo Housing Authority (NHA) locations.	50	39.0%
Existing BIA locations (not located in Fort Defiance community.	51	39.8%
Existing Indian Health Service (IHS) locations.	48	37.5%
New mixed use town design (commercial, office, residential)	59	46.0%
Homesite or Scattered Locations	61	47.6%
None	10	7.8%
No Opinion	21	16.4%
Other	11	8.5%
Total	128	100%
12 Comment(s)		



19. Out of 131 respondents, the Fort Defiance community ranked where they would like to see new housing development to be located in the following order; 1) Homesite or Scattered Locations (47.6%) 2) New Mixed Use Town Design (commercial, office, residential) (46.0%); 3) Existing BIA locations (39.8%); 4) Existing Navajo Housing Authority (NHA) locations (39.0%); and 5) Existing Indian Health Services (IHS) locations (37.5%). Twelve additional comments from residents included: Navajo Tribal Lands; All areas; On Customary Use and Grazing Areas; More Land; Buy all Private Lands; define business locations; New Police Department w jail; areas not suitable for grazing; need to design lots small and fit as much houses together; other locations open for development; and never will happen.

27. Please rank, with (1) being the Most Important; (2) Neutral; and (3) being the Least Important; the following three most specific housing projects for the Fort Defiance Chapter:

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Most Important	2 - Neutral	3 - Least Important
New Subdivision (List preferred location in the Comment section).	53 53%	27 27%	20 20%
Scattered Sites for Housing (List preferred location in the Comment section).	57 56%	21 21%	23 23%
New Clustered Sites for Housing (List preferred location in the Comment section).	40 42%	28 29%	28 29%
Clan pods (List preferred lcation in the Comment section).	20 30%	29 44%	17 26%
30 Comment(s)			



27. Fort Defiance community members ranked the potential housing projects to be considered by the chapter as "most important" are as follows: 1) Scattered Sites for Housing (56% or 57 respondents); 2) New Subdivisions (53% or 53 respondents); 3) New Clustered Sites for Housing (42% or 40 respondents); and 4) Clan Pods (30% or 20 respondents). **Additional comments** included: New homes/housing, subdivision at the or South of FDIHB (corner of Rt7 & Rt12); Old PHS area; Corner of Kit Carson Dr & Old Red Lake Road (W. of Post Office). Old Dahozy Trailor Park; Scattered site is preferable for people with grazing & farming permits. Others - can developed good sub-division or clustered sites (nicely fenced & gated entry); Pigen Springs; This should not be limited to one specific area. The entire chapter needs to have some type of housing. With paved roads to get to those areas.; I am not familiar with these terms and places. It would help to identify the terms and areas of these places; Goat Springs, Black Rock, Old Red Lake Road; Old hospital old post office area. East of red lake housing on paved road. Within areas already developed. Not sprawling development onto undeveloped land; Section 5; Ft. Defiance, Window Rock, St. Michaels, Hunters Point, Oaksprings, Saw Mill, Black Hat, Coal Mine Road, Lupton Road, Navajo, Rabbit Brush, Natural Bridge Road, Blue Canyon, and in Summit; Land between hospital and rabbit brush or right across from hospital. Just need to worry about flood locations; "The old BIA and IHS hosuing sites near the old hospital and North of the Chapter; subdivisions are best choice. Better for utility infrastructure maintaining. Most people live well with each other, its the few that cause problems. Such as burning trash, burning weeds, driving wildly in streets. drunk drivers, Domestic Violence; North of Hospital; Goat Springs/ Black Rock / Old Red Lake Rd.; New Subdivision preferred location - P Springs; Fort Defiance (4); Blackrock; anyplace you want; Goat Springs, St. Mike, FD; Rabbit Brush, Rabbit Brush, Rabbit; Brush near infrastructures/around chapter; Preferred location in Area 4; "New Subdivision by Hospital; St. Michaels; Ft. Defiance; & WR; St Michaels, AZ; Across Post Office; Homesite; and Across from the TMC-South.

3.4 Housing Goals & Objectives

Goals and Objectives:

New Housing

GOAL A: **To promote new housing opportunities for Fort Defiance Chapter community members.**

1. Assist Fort Defiance community members to address land ownership issues that make new residential/housing development less difficult.
2. Review and improve the homesite withdrawal process to encourage an increased in-home building and ownership.
3. Address Fort Defiance's housing for special needs group *(additional assisted living facilities, shelter home, homeless shelter, group homes for youth/children, half way house, elderly group homes, adult living community and nursing homes, Veteran's homes).*
4. Increase affordable housing rental and public and long-term rentals for local workers and other employees.
5. Increase efforts in identifying land for housing development by NHA and project developers, with sites to be determined and whether these sites are clustered or possibly even clanship pods.
6. Encourage housing development in a manner that does not reduce prime rangeland.
7. Support the Chapter's Black Rock Trailer Court development project on 12.79 acres on a potential new site to be determined (Lot Number 1 & 2 (former Dahozy trailer park), J&W RV Park and mobile home park).
8. Support the Chapter's Housing Development initiative by partnering with all housing entities (NHA, Sandstone Housing, Southwest, and Fort Defiance housing, Navajo Partnership housing, Private Partnership housing, Inc., School District, Ft. Defiance Hospital, BIA, Good Shepard Mission, VA Housing, SWIF, Federal Housing, FHA, JUA & USDA) & mobile home parks to provide quality and affordable housing for community members.
9. Provide safe, decent & affordable homes for all community members.

STRATEGIES/ACTIONS

1. Identify potential land to withdraw for housing development.
2. Develop an educational program for preserving these areas.
3. Encourage the development of scattered home plans that will allow for an efficient and safe development pattern. (Scattered Housing, etc.)
4. Provide housing financial literacy and funding opportunities for community members.
5. Encourage the development of an education program and public service announcement to help homebuyers purchase safe and well-conditioned homes including mobile homes.
6. Develop zoning ordinances that addresses development in natural resources

(Housing Development)

7. Collaborate with housing service providers to establish housing projects within the Chapter, such as Navajo Housing Services, Indigenous Community Enterprises, Veterans Homes and others.
8. Identify potential housing sites for Navajo Housing Authority or other housing providers to develop housing for community members.
9. Enforce & restrict future home site lease within available infrastructure.
10. Hosting a home ownership training and/or housing fair to disseminate housing program and opportunities; in coordination with local housing providers.
11. Address FD's housing for special need groups such as elders, homeless, adult living, nursing homes, Veterans, etc. Support and inform the community members about fair housing laws and programs that allow equal housing access for all Chapter members.
12. Develop and maintain a level of housing code enforcement sufficient to correct unsafe, unsanitary or illegal conditions and to preserve the inventory of safe housing.

Housing Rehabilitation and Preservation

Goal B: To rehabilitate and/or preserve the Fort Defiance community's existing housing stock.

1. Encourage Community members to invest in rehabilitation of substandard housing and residential properties.
2. Develop and enforce "national codes" to ensure mobile homes and residential structures are up to standards.
3. Promote sound housing investments on the part of the Fort Defiance community members.
4. In conjunction with the Navajo Housing Authority and other local housing agencies, provide ongoing technical assistance, education and coordination of a Housing Fair to tenants, home owners and the community at large on the need to preserve at-risk units as well as the available tools to help them do so.

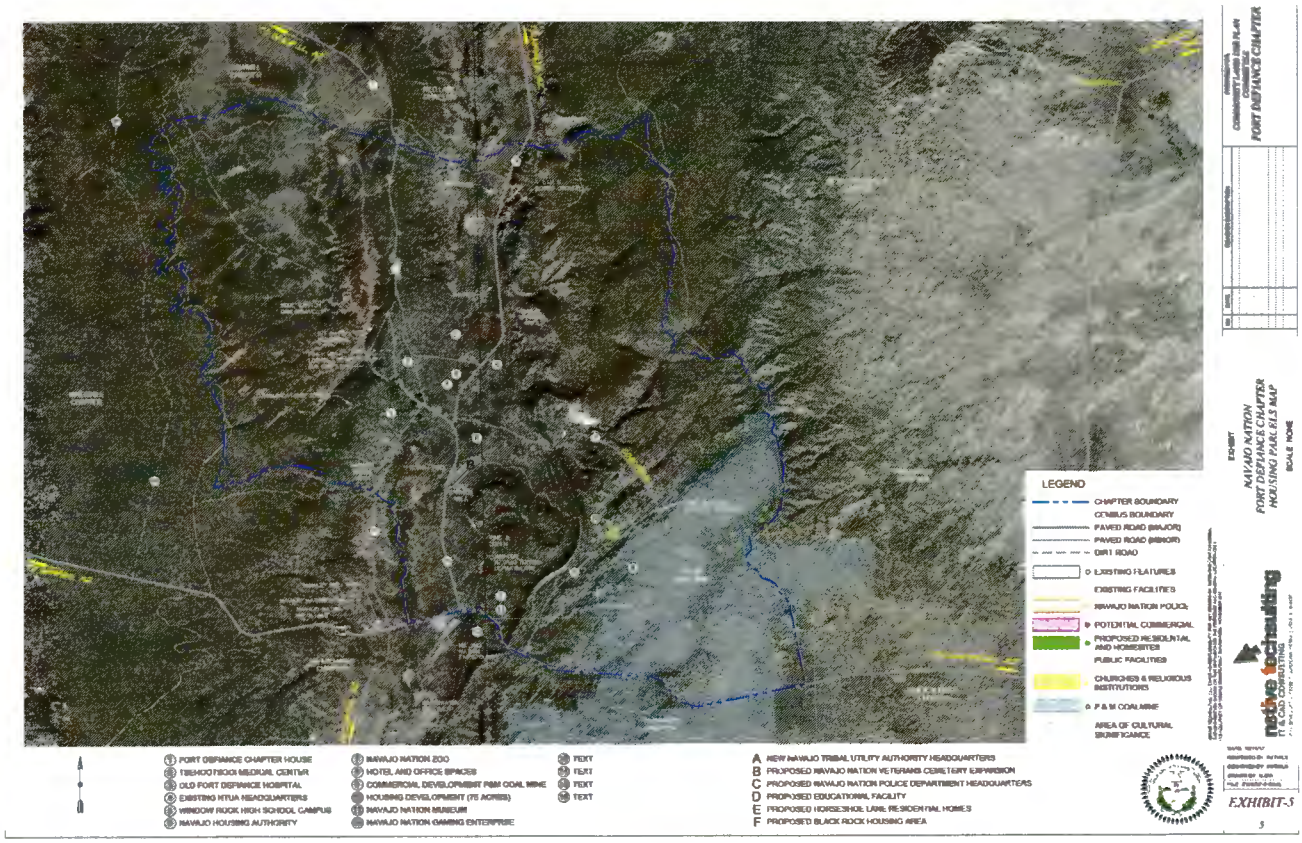
Strategies/Actions

1. Update housing assessment to determine the needs for housing development and improvements.
2. Encourage the development of a housing rehabilitation and preservation strategy that includes assorted options of funding/grants for housing rehabilitation and home improvements for community members such as elders, veterans, etc.
3. Disseminate financial assistance/resources to all homeowners for the rehabilitation of their housing units, single-family houses or mobile homes using tribal, Federal, State and local housing funds, such as Community Development Block Grant Funds and alternative funding.
4. Working with non-profit organizations, faith-based organizations, or the Navajo Housing Authority of the Navajo Nation, the Chapter/CLUPC will encourage and recommend rehabilitation of residential, commercial or industrial buildings to

expand all rental housing opportunities.

5. Encourage the rehabilitation, remodeling or relocation of sound or re-habitable housing rather than demolition or abandonment. Demolition of non-historic housing may be permitted where conservation of existing housing would preclude the achievement of other housing objectives.
6. Preserve historic homes/buildings and other types of historic residential buildings, and unique or landmark community features.
7. Support creative strategies for the rehabilitation and adaptation and reuse of residential, commercial, and industrial structures for potential housing projects.
8. **Identify Issues Affecting Marketability…** of single family homes and neighborhoods as they age and explore options to encourage continued investment by potential home owners.

3.5 Fort Defiance Housing Parcel Map (Tab 24):



Fort Defiance Chapter's

4.0 Natural Resource Element

4.1 Natural Resource Purpose Statement: Natural Resource Element addresses the preservation of open space and the conservation, development, and utilization of natural resources.

4.2 Natural Resources Element Overview:

The majority of the land in the Ft. Defiance Chapter's community is currently considered "open space", and provides habitat, drainage, scenic views, and ecosystem processes that support recreational, commercial, and traditional cultural living. The community shall maintain active programs to facilitate the regulatory reviews that are required to protect cultural and natural resources. In regards to this element, "natural resource" means undeveloped areas of land such as woodlands/forests, grazing land and farm fields, floodplains, wetlands, and scenic vistas. These areas contain important ecological, natural, and cultural resources that are worthy of protecting all mountain ridges surrounding the Fort Defiance areas.

The Natural Resources element serves as a guide for the Ft. Defiance Chapter to reach a balance between growth and open space preservation including recommendations to "protect water courses, fragile ecological areas, cultural areas and scenic landscapes" (PAIKI, 2004, p. 1). In addition, this element shall protect the Ft. Defiance Chapter's natural resources, while identifying potential recreational and tourism opportunities for the community members while protecting the Chapter's rural atmosphere.

According to PAIKI (2003)'s Ft. Defiance Community Land Use Plan on the community's range manage, it summarized the following:

> On the whole, range conditions throughout the Fort Defiance Chapter are poor. The combined effects of an extended drought throughout the Southwest and

overgrazing have reduced the ability of grazing land to support both domestic animals and wildlife. Sheep are an integral part of Navajo culture and protecting this traditional heritage will require range management practices that protect natural resources while allowing them to be used in a sustainable manner. Additionally, livestock businesses provide an important source of income to many families. This is particularly important because of the limited number of available employment opportunities in the area. (p. 53).

The more successful Arizona & New Mexico tribes have carefully evaluated their resources, identified strategies to maximize its value, and implemented them. In some instances, these resources are non-traditional, such as physical proximity to metropolitan land bases or special legal entitlements (Indian gaming), but all are strategically planned. Major natural resources of the Navajo Nation are land, minerals, water and people, with local water sources being rather scarce.

4.2.1 Element Goals

PAIKI (2004) Open Space CLUPC report indicated that "unplanned and unregulated development can threaten a community's natural heritage by consuming raw land at a rate that is disproportional to the community's growth rate [and] this type of development is referred to as sprawl, and is characterized by low density, inefficient use of land, and a high dependence by residents on automobiles (p. 1). PAIKI (2004) reported indicated that the [Natural Resource Element] helps achieve this through the following goals:

→ Preserving open space;
→ Providing high quality outdoor recreation opportunities;
→ Protecting and enhancing scenic, historic and cultural resources;
→ Maintaining and promoting natural resource-based industries such as farming, grazing, and tourism;
→ Protecting plant and animal habitat;
→ Protecting surface and underground water quality;
→ Providing places for education and research on ecological, environmental and cultural resources; and
→ Protecting and enhancing air quality.

4.2.2 Natural Resource's Economic Benefits

Since public natural resources are a "community resource and is not frequently used by any one individual, it is generally accepted that efforts to protect open space come from

public action (PAIKI, 2004, p.2). Also, because the economic return from [natural resources] is difficult to quantify in monetary terms, traditional support for [natural resources] has not rested upon economic considerations. According to PAIKI (2004) report, they have been based upon the following:

→ Environmental protection (erosion control, flood water retention, groundwater recharge, water shed protection);
→ Ecological functions (plant and animal habitat, bio-diversity);
→ Recreation opportunities (both active and passive);
→ Aesthetic enjoyment (scenic vistas, maintenance of rural or community character, support for tourism);
→ Education and research opportunities (outdoor classroom, field research); and
→ Historic and archeological preservation.

PAIKI (2004), indicated that there are a number of important economic benefits to Ft. Defiance Natural Resource. These include:

→ Cost Avoidance. Maintaining various "natural processes" to avoid the expense of having to repair them or replace them with man-made solutions. For example, protecting steep slopes from development eliminates the excessive expense of building in such difficult areas, and vegetation on slopes helps prevent landslides and reduces flooding.
→ Resource-based Industries. The commercial use of open space for agriculture, grazing, timber production, and access fees generates income.
→ Tourism.

4.2.3 Undeveloped/Grazing

This Element recommends that most of the land on the fringes of the Chapter remains undeveloped and/or grazing. This is consistent with the present use of undeveloped land and supports the expressed desire of Chapter members to protect their natural resources from inappropriate development.

4.2.4 Flood Control

Several washes converge in Fort Defiance, making flood control a major limitation to development. These washes include Bonito Creek, Black Creek, Slick Rock Wash and Hickman Wash. Intense summer rain storms cause property damage, ponding and soil erosion at residences, community areas and enterprises. Any future development plans will require an analysis of these washes for flood control, erosion and water quality. (PAIKI, 2003, p. 12).

4.2.5 Range Management

Many Chapter members rely on cattle and sheep herding as a source of income. Existing range management units are defined by right of way fences and occasional fencing to manage livestock. However, a majority of range land is unmanaged and livestock is unmonitored. This practice of "open grazing" has created extensive over grazing. Drought has also impacted range quality throughout the Navajo Nation. A recent assessment of water resources found that the Blue Canyon dam and many earthen stock ponds are empty. Chapter residents have requested improvement programs to increase the quality of their range land. (PAIKI, 2003, p. 13).

4.2.6 Water Resources

Water resources of the Navajo Nation include rivers, washes and aquifers. Water issues are managed by the Water Management Branch of the Department of Water Resources which is under the Division of Natural Resources. All water resources within the Navajo Nation are under the jurisdiction of the Navajo Nation Water Code and are subject to the water management practices of the Navajo Nation. The Navajo Nation has enacted the Navajo Nation Clean Water Act, Water Quality Standards and the Discharge Elimination System to protect the quality of water resources on the reservation. The Navajo Water Code prohibits any development within a half mile of a well or windmill.

Fort Defiance is located in the Little Colorado River Basin. Specifically, the Chapter is located at the confluence of Bonito Creek, Black Creek and Slick Rock which merge north of Black Rock. Bonito Creek enters from Blue Canyon in the west. Black Creek runs north to south and divides the Central Area of the Chapter. The Black Creek basin consists of 207 square miles. Hickman Wash and Slick Rock Wash are tributaries of Black Creek. Slick Rock Wash enters from east and drains 16.3 square miles. Hickman Wash enters from the east at the base of the Chuska Mountains.

PAIKI (2003) reported the growth Center Planning for Fort Defiance, Arizona, identifies the following areas as having drainage and ponding issues:

→ Housing areas on the east slope of the Fort Defiance hills west of Black Creek;
→ Marshy areas north of the Good Shepherd Mission;
→ Housing areas along N-110;
→ Below grade commercial site at southeast corner of N-12 and N-54

Overall, the Natural Resource Element will provide the Fort Defiance Chapter with a guide to protect its available community's open space. The Natural Resource Element's

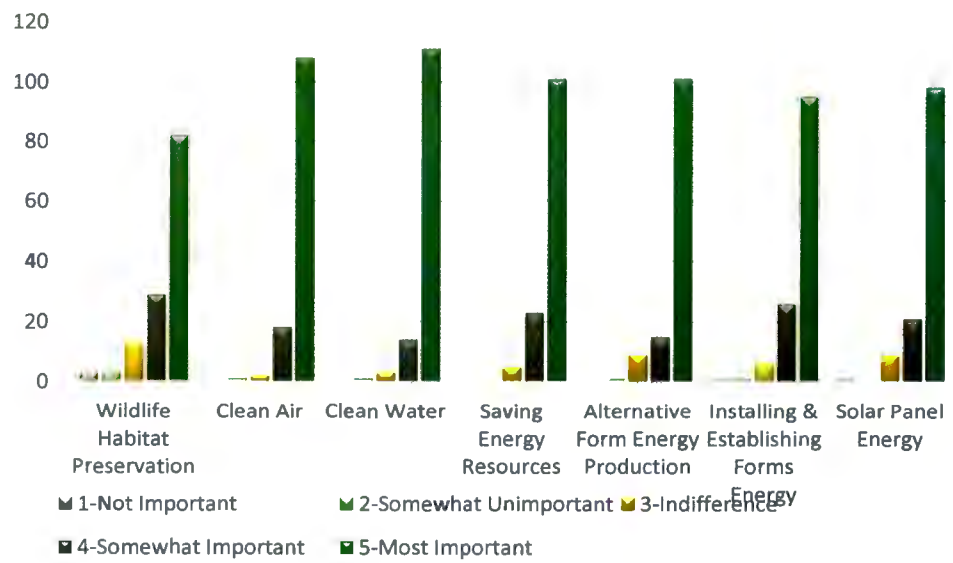
goals and strategies are designed to implement various recommendations that are established within the framework of promoting sustainable and efficient development that will eventually protect the community's sensitive ecological areas; provide recreation/tourism opportunities; and increase protection of the current land uses that will achieve a balance between economic & community development.

4.3 Community Land Use Plan (CLUPC) Community Survey Results:

4. Please rank the ENVIRONMENT statement below on a scale of 1 to 5 regarding the importance of Fort Defiance's Environment to you. (1 = Not Important to 5 = Most Important)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1-Not Important	2-Somewhat Unimportant	3-Indifferent	4-Somewhat Important	5-Most Important
Preservation of wildlife habitat?	3 2%	3 2%	13 10%	29 22%	82 63%
Clean Air?	0 0%	1 1%	2 2%	18 14%	108 84%
Clean Water?	0 0%	1 1%	3 2%	14 11%	111 86%
Saving energy resources?	0 0%	0 0%	5 4%	23 18%	101 78%
Exploring alternative form of energy production and reduction of waste?	0 0%	1 1%	9 7%	15 12%	101 80%
Installing & establishing alternative forms of energy productions: windmill or wind energy	1 1%	1 1%	6 5%	26 20%	95 74%
Installing & establishing alternative forms of energy productions: solar panel energy	1 1%	0 0%	9 7%	21 16%	98 76%

4. A majority of the Fort Defiance's <u>Environment</u> questions were ranked high from 63% to 86% were considered "most important"; for preservation of the wildlife habitat (63%); clean air (84%); saving energy resources (78%); exploring alternative form of energy production and reduction of waste (80%); installing and establishing alternative form of energy production-wind mills or wind mills production (74%); and installing and establishing alternative form of energy products-solar panel energy production (76%).



15. In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

	Strongly Promote	Promote	Take No Action	Discourage	Strongly Discourage
Environmental Preservations	62 48%	54 42%	12 9%	1 1%	0 0%
Farmland Preservation	49 38%	60 47%	15 12%	4 3%	1 1%
Industrial Development	31 25%	64 52%	22 18%	5 4%	2 2%
Residential Development	61 47%	49 38%	17 13%	2 2%	0 0%
Commercial Development	46 36%	60 47%	18 14%	4 3%	0 0%
Recreational Facilities	71 55%	47 37%	9 7%	1 1%	0 0%
Tourism Development	58 45%	54 42%	13 10%	3 2%	1 1%
Employment Opportunities	90 70%	29 22%	8 6%	2 2%	0 0%
Youth Recreational Center/Activities	81 63%	35 27%	12 9%	1 1%	0 0%
Senior Citizen Center/Programs	85 68%	30 24%	8 6%	2 2%	0 0%

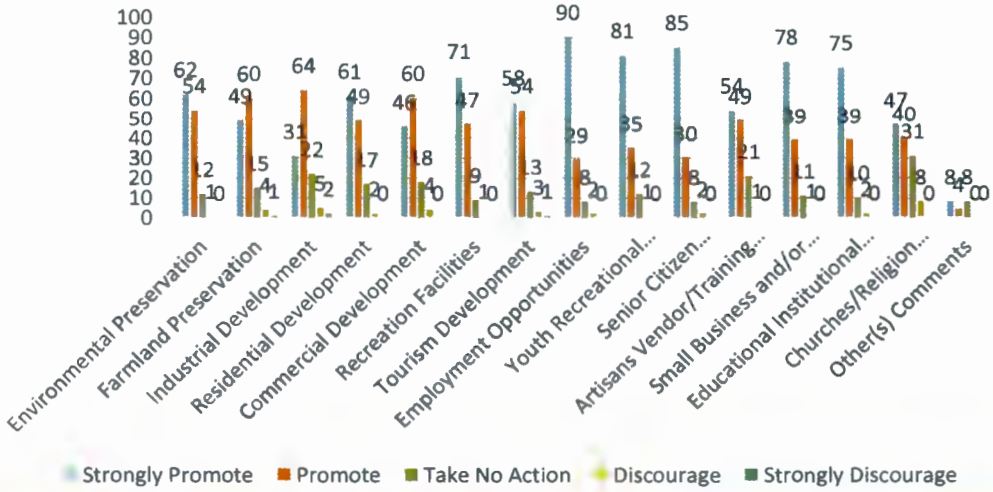
9 Comment(s)

16. Continue: In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.

	Strongly Promote	Promote	Take No Action	Discourage	Strongly Discourage
Artisan Vendor/Training Programs	54 43%	49 39%	21 17%	1 1%	0 0%
Small Business and/or Economic Development	78 60%	39 30%	11 9%	1 1%	0 0%
Educational Institutional Development	75 60%	39 31%	10 8%	2 2%	0 0%
Churches/Religion Purposes	47 37%	40 32%	31 25%	8 6%	0 0%
Other(s) Comment Below:	8 40%	4 20%	8 40%	0 0%	0 0%

4 Comment(s)



15 & 16. In planning for future development, Fort Defiance Chapter Officials should "strongly promote" Employment Opportunities (70% or 90 respondents); Senior Citizen Centers/Programs (68% or 85 respondents); Youth Recreational Centers/Activities (63% or 81 respondents); both Small Business and/or Economic Development and Educational Institutional Development (60% or 78/73 Respondents); Environmental Preservations (48% or 62 respondents); Residential Development (47% or 61 respondents); and Tourism Development (45% or 58 respondents). While viewing the charts a high percentile agreed to "strongly promote" and "promote" a majority of the categories listed, however, only 1 responded as strongly discourage[d]" for Tourism Development. **Twelve other comments** included 1) Fort Defiance Chapter seems to bias against certain age groups, people, and orientation. Need to have a civil right training and open to all walks of life; 2) Support more youth clubs or after school programs & more senior level activities to give back to the community. use college graduates to help plan & design a nice community. Investing in community is worth it & increases cohesiveness - project support or involve everyone during the planning process (buy in). FD is an ideal place for more development based on population & access to major roads, hospital, offices, etc.; 3) Traditional Preservation, too Strongly Agree; 4) Again Navajo people make money so nothing or all for just low-income people; 5) Promote with the intention of not exceeding maintenance capability. I hate seeing brand new infrastructure with painted gang signs.; 6) pre-fabricated homes industry. Almost like a tiny home manufacturing plant; 7) Elderly Care needed in community; 8) Upgrade existing facilities; 9) Promote FD in the most positive way to entice business development or relocation. FD is a place for Navajo history & stories. Complete a community master plan & start. Good Luck & this survey is an excellent start!; 10) Cleaning up of the community and area. Pride in the town. Fix the roads!; 11) "I Personally feel that we have enough diverse churches in the area. We need to stimulate the economy for Ft Defiance. Clean up how our community looks. We have so many abandoned homes." and 12) Enforcement is lacking in the Fort Defiance area.

25. Please check the following selection with 1-being the most important to 5-least important. What is best about Fort Defiance's land development purposes right now?.

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Very Important	2 - Important	3 - Neutral	4 - Somewhat Important	5 - Least Important
Current Facilities at Fort Defiance /surrounding communities.	47 38%	50 41%	15 12%	6 5%	5 4%
Highway corridors available for development.	45 37%	43 35%	22 18%	5 4%	7 6%
Areas of traditional and historical importance.	52 43%	42 34%	20 16%	4 3%	4 3%
Agricultural Land.	37 30%	45 37%	26 21%	5 4%	9 7%
Residential Areas.	49 40%	44 36%	21 17%	3 2%	5 4%
Natural Beauty of the Area.	72 59%	34 28%	12 10%	1 1%	3 2%

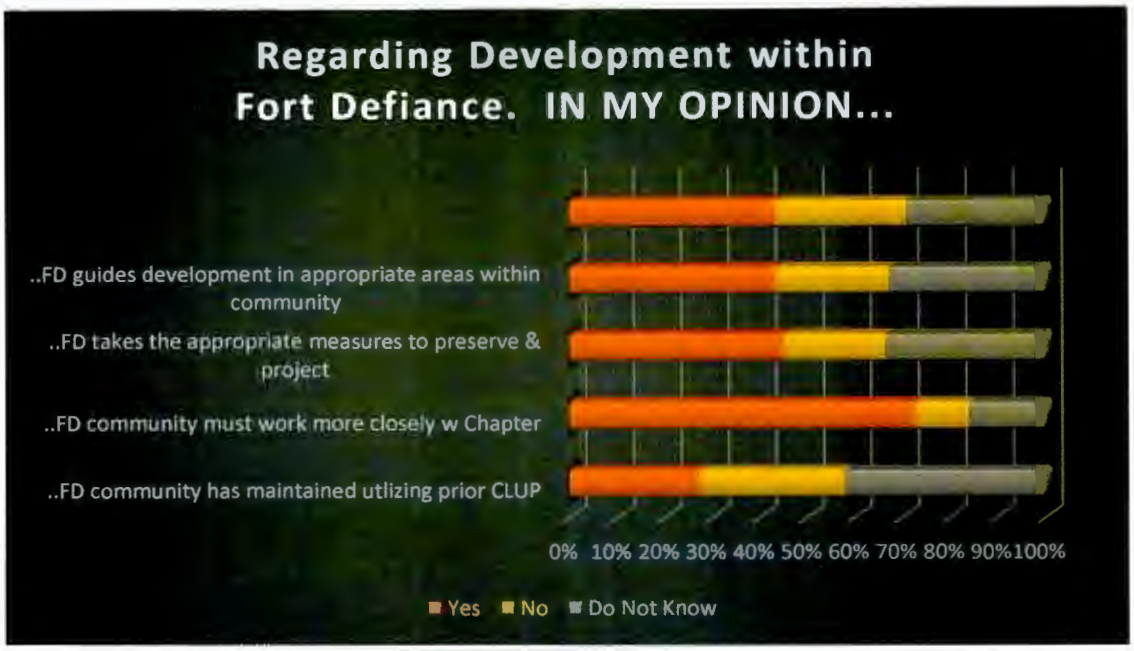
3 Comment(s)

Potential Land Development Purposes

25. Respondents ranked the Fort Defiance's land development purposes as "very important" were 1) natural beauty of the area (59% or 72 individuals); 2) residential areas (49% or 40 individuals); 3) current facilities at Fort Defiance/surrounding areas (38% or 47 respondents);4) Highway corridors available for development (37% or 45 respondents); and Agricultural Land (30% or 37 respondents). Agricultural Land was also considered the "least important" at 7% or 9 respondents. **Three comments** were "History of Fort Defiance. Rural Addressing is so important n FD needs to do asap. Ambulances n fire trucks n police can't find our homes."; FD is a very beautiful place & historical landmark for Navajo people. FD can attract business for its location, resources and manpower. People are waiting for development & improvement...especially our youth. Need a survey on type of skills people have to help the Chapter in the future. Get everyone involved, promote with a slogan & people will move in the right direction. Need to keep some of the revenue in the community instead of border towns.; and over the last 15 years the quality of the community has really deteriorated and it's very unfortunate to witness and live with.

30. What relates to your opinion regarding development in the Fort Defiance community? IN MY OPINION.....

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Yes	No	Do Not Know
...the Fort Defiance community has maintained utilizing the prior comprehensive land use plan	33 27%	37 31%	51 42%
...the Fort Defiance community must work more closely with the Chapter to reach community	90 73%	14 11%	20 16%
...the Fort Defiance Chapter takes the appropriate measures to preserve & protect	55 45%	26 21%	41 34%
... the Fort Defiance Chapter takes appropriate measures to preserve & protect open space,	53 43%	29 24%	40 33%
...the Fort Defiance Chapter guides development in the appropriate areas within the community.	52 43%	33 28%	35 29%
11 Comment(s)			



30. In the Fort Defiance's resident's opinion regarding development in the Fort Defiance community indicated YES (27% or 33 respondents) that the Fort Defiance community has maintained utilizing the prior comprehensive land use plan as guidance for land use decisions; YES (73% or 90 respondents) agreed that the Fort Defiance community must work more closely with the Chapter to reach community goals and objectives; YES (45% or 55 respondents) positively for the Fort Defiance Chapter takes the appropriate measures to preserve & protect open spaces, forestland, and recreational opportunities; YES (43% or 53 respondents) the Fort Defiance Chapter takes appropriate measures to preserve & protect open space, forestlands, and recreational opportunities; and YES (43% or 52 respondents) agreed that the Fort Defiance Chapter guides development in the appropriate areas within the community. Response for NO for all 5 items remained low or less than 31% while 42% or 51 responded that they "didn't know" how the Fort Defiance community has maintained utilizing the prior comprehensive land use plan as guidance for land use decisions. **Eleven additional comments** included: FD Chapter is the central government office like a city hall that provides the leadership, guidance & direction for its community growth. But, it requires good planning & follow through & commitment from everyone to move forward; Keep community involvement event if they are from other chapters that reside in Ft Defiance Chapter; Development is spreading outside of the town with big empty spaces in the middle of town; Keep the community involvement even if they are from other chapters that reside in Fort Defiance Chapter; Community business needs to be active in community efforts; update land plan with residents; Follow golden rules, treat others as you want to be treated, ps do not be rude, be honest and fair, no favoritism or nepotism, take responsibility in the role/job you hold, make the citizens of FD proud of what you can do for our community; roads needs improvements, illegal dump sites need to be cleaned up, local waterways need to be cleaned, local traffic signs need to replaced or cleaned of graffiti; Not helping with water, electricity, home repairs, new home, emergencies need are not met. Road repairs & student assistance not met; Roads need repairs; unsafe for bus; no safety rails; not maintained; Not helping with water, electricity, home repairs, new home. Emergency needs not met & times never show up; and the FD Chapter needs to conduct meetings with the school district on opening up the high school track field like in the past for community member to exercise and stay healthy (diabetes prevention, etc.).

4.4 Goals & Objectives:

Balanced Use

Goal A: **To balance land uses and recreation activities with the continued integrity of ecological processes.**

1. Protect scenic and recreation areas within the Fort Defiance Chapter community.
2. Enforce appropriate levels of access to the Fort Defiance Chapter community's environmentally and culturally sensitive areas.
3. Maintain an open space (natural resource) network to preserve native vegetation and provide adjoining wildlife corridors.
4. Encourage the re-vegetate disturbed areas with indigenous plant species.
5. Increase efforts to integrate developed area landscaping with open space (natural resources) areas.

STRATEGIES/ACTIONS

1. Encourage the development of an Integrated Resource Management Plan (Range Management Unit) North of Route 7. Chapter Grazing Official shall provide a recommendation for grazing and open space areas.
2. Identify the resources and coordination necessary for the Navajo Nation Enforcements programs to include enforcement in environmentally and culturally sensitive lands.
3. Develop zoning ordinances that addresses developments in open space areas for new project development and to include looking into current developed areas to see if alignment can be done as well as make modifications to existing developed areas/sites.
4. Identify areas for potential development, not to be developed and restricted.
5. Promote and increase public and chapter official awareness and education on the natural resource element that addresses "open space" protection in order to earn and maintain community support.

Water Resources

Goal B: **Protect the Fort Defiance Chapter's community water resources.**

1. To address and maintain earthen dams restoration, erosion control, and soil conservation.
2. Protect surface water, groundwater and wellheads.
3. Identify priority areas within the community for restoration (this includes San Juan River).
4. Promote strict compliance with pesticide use application procedures and ordinances while increasing awareness.
5. Maintain natural drainage ways for potential water recharge areas, whenever feasible.

Strategies/Actions

1. To repair the community's problem of soil erosion. Engineers without Borders & other entities.
2. Identify recharge areas and limit the type of development in those areas.
3. Identify potential areas for water wells, to include water testing and approximation of that water well's lifespan.
4. Identify priority areas along the "wash/river" for preservation.
5. → Identify the boundaries of the affected land preservation areas.
   1. Contact the Navajo Nation Water Resources Department, Navajo Nation Land Department, Department of Agriculture, US Army Corps of Engineers, etc. for technical assistance and potential funding opportunities on land restoration and preservation efforts.
   2. Research and obtain current plans and studies pertaining to the development of a land restoration and preservation plan.

Range Management

Goal C: **To provide sustainable range management.**

1. To increase knowledge and processes of community range management.
2. Sustain the viability of the Fort Defiance Chapter community's range area for livestock such as horses, cattle, sheep, lamas, donkeys, etc.
3. Protect forage and native plants in range areas through harmful weed management. (i.e. different kind of weeds through hay, etc.) Through Natural Preservation Conservation Services (NPCS) identified – mechanical control, biological control to be done on Navajo Nation. Has "not" been tested on Navajo Nation. Conduct & continue to educate the public i.e. Workshops. BIA integrated Weed Management plan including other departments from Natural Resources.

Strategies/Actions

1. Develop a Range Management Improvement Plan (i.e., open space). Chapter Grazing Official shall provide a recommendation for grazing and open space areas.
2. → Work with Soil & Water Conservation District, USDA Farming & Agriculture, and other pertinent entities. Provide educational workshops on "preservation" efforts.
   → Reseed rangeland with seeds and plants native to the area to help restore and conserve the land at the Coalmine, former Pittsburg and Midway coal mine locations.
   → Recommend to the Soil & Water Conservation District to install spreader dikes along the washes to help increase the amount of water that seeps back into the local water table.
   → Request assistance from USDA and the Navajo Nation Water Resources

Department to help plan and implement land restoration.

3. Support efforts to increase the public's understanding and stewardship of water resources.
4. Promote future developments that will occupy and re-use spaces between existing and pre-developed areas.
5. Develop zoning ordinances that addresses development in open space areas.

Wildlife Preservation and Protection

Goal D: **To support & preserve the Fort Defiance community's Wildlife habitat areas.**

1. Where feasible, restore wildlife communities to their historic levels.
2. Encourage the usage of native plants in landscaping.
3. Ensure continued protection of the Community's wildlife.

Strategies/Actions

1. Develop an educational program for preserving these areas.
2. **Continue to Work with the Navajo Nation Parks & Recreation Department…** to site and/or develop local parks and recreational opportunities in the vicinity of the Fort Defiance Chapter.

Solid Waste

Goal E: **To reduce Solid Waste to maximize use of existing solid waste facilities within the Fort Defiance Chapter's community.**

1. Effectively and efficiently maintain solid waste, transfer and recycling stations within the Chapter community.
2. Promote recycling in Fort Defiance Chapter operations and enterprises also to encourage Community residents to recycle.
3. Determine community illegal dump site areas and begin to map and list these and secure funding to remediate these areas and offer public education on keeping these areas free of any future dumping.
4. Support Chapter's effort on addressing illegal dumping within the community and surrounding areas; and continue offering transfer station services for a nominal fee.

Strategies/Actions

1. Encourage the development of a recycling program for Tribal government and all enterprises.
2. Continue enforcement of the community's illegal dumping ordinance.
3. Identify potential sites for small landfills for residential usage.
4. Identify and clean up illegal dump sites. Put up signs at illegal dump sites and throughout the community.
5. Develop illegal dumping ordinance.

6.	Maintain a solid waste management program for the community's current & future necessities.
7.	Regulate & comply with all environment laws.

Pollution Control

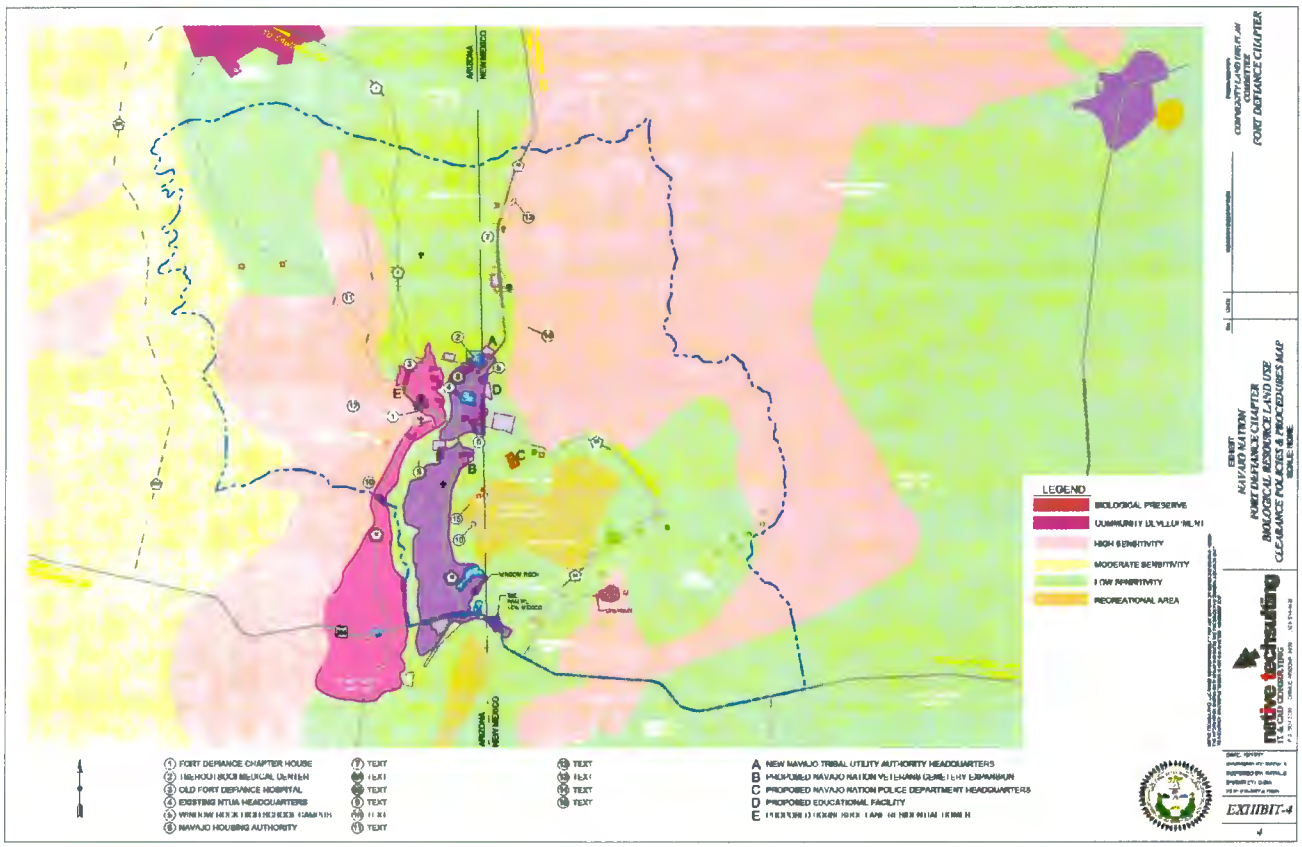
Goal F:	**Protect human and environmental health from the harmful effects of pollution.**
1.	Conscientious stewardship of Mother Earth's resources and reduce pollution.

Strategies/Actions

1.	Support alternative means of transportation such as carpooling, fixed route mass transportation programs, bicycle and pedestrian pathways, and other forms of low-fuel consumption transportation.
2.	Encourage, without detriment to natural resources, the use of clean alternative energy sources and technologies, such as active and passive solar technology and wind turbines, to reduce or eliminate the input of Fossil Fuel Emissions into the Atmosphere and Conserve Energy.
3.	Promote green, sustainable, building practices for public and tribal buildings by promoting Leadership in Energy and Environmental Design (LEED) certification and other similar programs.
4.	Support the renovation and expansion of the current transfer station into a recycling center for additional solid waste disposal.
5.	Identification by OEH/NTUA/HIS/NHA on the capacity of existing sewer lagoons and determine feasibility site for future lagoon.
6.	Getting Navajo EPA as well as other entities dealing with Pollution to come to Fort Defiance Chapter and present to the public at-large. Creating opportunities for the public to become educated and taking that information home and beginning their own efforts to be conscientious about pollution efforts. Control high usage of water development.

Biology Resource Map

3.5 Fort Defiance ~~Overall Map (Tab 25):~~



Fort Defiance Chapter's

5.0 PRESERVATION ELEMENT

5.1 **Preservation Purpose Statement:** The purpose of the Preservation Element of the Fort Defiance Community Land Use Plan is to provide background information related to historic preservation and to outline a comprehensive set of objectives and policies for the preservation and enhancement of Fort Defiance's historic resources. Historic resources include buildings, sites, structures, cultural landscapes, and objects that are historically and/or archaeologically significant.

5.2 **Preservation Element Overview:** The Preservation Element has been created with the belief that the preservation of historic resources is essential to maintaining the character of the Fort Defiance Chapter. The Comprehensive Land Use Plan should include development policies and other measures to protect water courses, vegetation areas and scenic landscapes (PAIKI, 2003).

PAIKI (2003) Community Land Use Plan explained how the history of Fort Defiance represents an opportunity for tourism, archeological resources and historic preservation issues severely limit future development as explained below:

Additionally, the process for acquiring archeological clearance is considered a constraint to new development. Historic resources are often affected by development projects, and historic preservation is a strategy for conserving significant elements of the built environment while allowing for growth and change to occur. Fort Defiance residents and community organizations have a long-standing commitment to historic preservation as one of the important contributors to the quality of life in the community. Their activities have resulted in preservation emerging as a central value of community members and government alike, and they have shaped Fort Defiance's planning and community development policies. (p. 12)

Fort Defiance and the Navajo Nation are widely acclaimed for its union of a stunning natural landscape and unique and attractive built environment. Historic resources are an integral part of this environment, which distinguishes Fort Defiance and the Navajo Nation from other places and contributes to its socioeconomic and cultural well-being. Fort Defiance's historically, architecturally, and culturally distinctive buildings, neighborhoods and landscapes make the community a desirable place for residents, businesses, and visitors alike.

Preservation of the Chapter's historic resources benefits the community in several ways. Retention of its physical heritage gives the Chapter character and beauty and makes it culturally richer for having tangible connections to its roots and development. Preservation also encourages community pride and awareness of local historic resources. Preservation has a variety of practical benefits. Maintaining and rehabilitating historic resources and neighborhoods can mean savings in energy, time, money, and materials. Historic preservation through the rehabilitation and reuse of existing buildings is an intrinsically sustainable building practice compared to demolition. Preservation of historic resources can increase property values and tax revenues, and preservation is frequently a catalyst for neighborhood revitalization. Preservation also increases opportunities for heritage tourism and helps maintain a diversified housing stock.

Land conservation is very important to the future sustainable development of the Fort Defiance Chapter. Over-grazing, illegal dumping and haphazard development have eroded the visual and environmental quality throughout the Chapter and as a result, several Chapter residents have promoted a moratorium on new development in an effort to preserve land and avoid the negative impacts of development (PAIKI, 2003, 14).

5.2.1 Cultural Resources

The Navajo Nation and the Fort Defiance Chapter are committed to protecting cultural resources. The Navajo Nation Historic Preservation Department is responsible for the protection, preservation and management planning for the Navajo Nation's traditional cultural properties.

According to the Navajo Nation Policy to Protect Traditional Cultural Properties, a traditional cultural property is defined as property "that is eligible for inclusion in the National Register because if its association with cultural practices or beliefs of a living community that (a) are rooted in that community's history and (b) are important in maintaining the continuing cultural identity of the community." (PAIKI, 2003, p. 24)

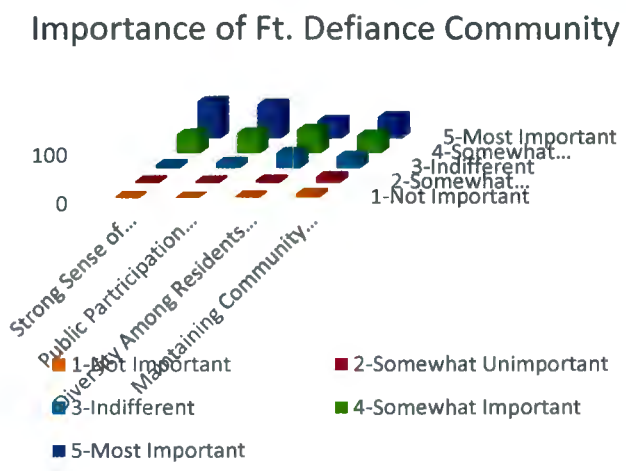
The Navajo Nation maintains a Register of Cultural Properties in order to protect cultural resources. The Navajo Nation has also adopted several policies and procedures to supplement the numerous Navajo, state and federal laws that are designed to protect the cultural resources of the Navajo Nation and other Native American tribes. Many types of material objects and physical places are considered cultural resources. Some examples include sweat lodges, prayer offering sites, burial sites, ceremonial sites and other landmarks. (PAIKI, 2003, p. 25)

As mandated by the National Historic Preservation Act, a cultural resource inventory is required for all proposed development. Furthermore, the policies outlined in the Navajo Nation Policy to Protect Traditional Cultural Resources apply to projects proposed on Tribal, federal and state jurisdictions (public land).

5.3 Community Land Use Plan (CLUP) Community Survey Results:

1. Please rank the COMMUNITY statement below on a scale of 1 to 5 regarding the importance of the Fort Defiance Community to you. (1 = Not Important to 5 = Most Important)

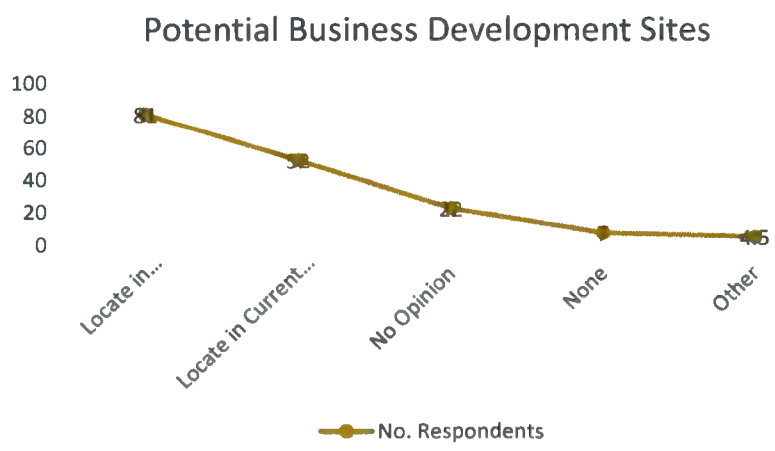
Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1-Not Important	2-Somewhat Unimportant	3-Indifferent	4-Somewhat Important	5-Most Important
Strong sense of community pride?	2 2%	4 3%	8 6%	40 31%	76 58%
Public participation and/or Community Involvement?	1 1%	4 3%	12 9%	42 33%	70 54%
Diversity among residents and neighbors?	4 3%	6 5%	32 25%	49 38%	37 29%
Maintaining the community as it is?	9 7%	13 10%	24 19%	37 29%	44 35%



1. regards to the "importance of the Fort Defiance Community" to the 131 respondents, fifty eight (58%) or 76 residents considered it "most important" to have a "strong sense of community pride"; fifty-four percent (54%) or 70 respondents that "public participation and/or community involvement" was "most important"; twenty-nine (29) or 37 % surveyed indicated that diversity among residents and neighbors were either somewhat important and/or most important factors; and a minimum of (35%) or 44 respondents stated that" maintaining the community as it is", was most important to them.

20. Should business development be concentrated in selected areas or dispersed throughout the community?.

	Number of Response(s)	Response Ratio
Locate in the proposed/approved Fort Defiance's business corridor or	81	63.7%
Locate in current or expired business site lease locations.	52	40.9%
No Opinion	22	17.3%
None	7	5.5%
Other	7	5.5%
Total	127	100%
8 Comment(s)		



20. Based on 131 respondents, the community members ranked the following locations where business development should be concentrated or dispersed throughout Fort Defiance; 1) Locate in the proposed/approved Fort Defiance's business corridor or location (63.7

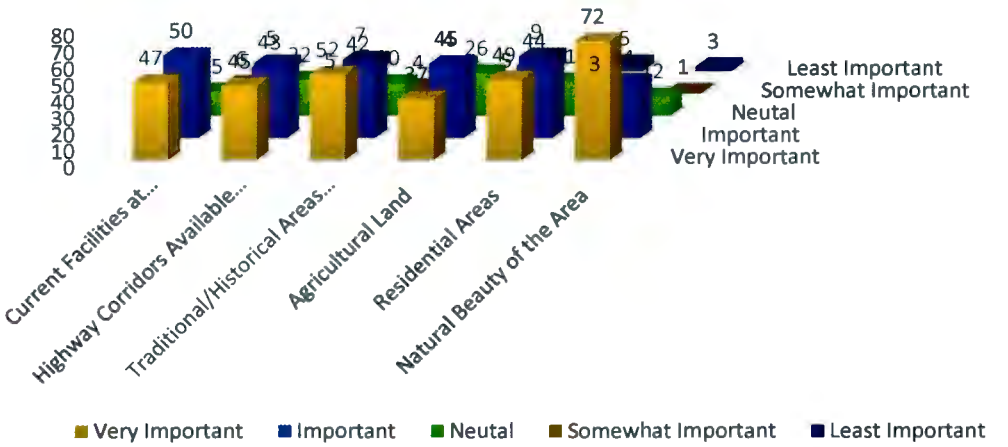
%); and 2) located in current or expired business site lease locations (40.9%). Twenty-two (22) community members indicated they had "no opinion" while seven (7) stated "none." Seven additional comments included: along the main corridors or streets; Customary Use Areas; two locations; Should be along main roads to hospital and Kit Carson Drive; Misused in certain areas; wherever it is essential and useful; Veterans cemetery; Create a a One Stop shop for businesses, a multi storied complex that serves both the public and business eliminates the needless runaround. This would eliminate the manufactured trailers that were intended for temporary use; old Dunn mercantile, cantina, amoco, royal burger, rudeaus, are all feasible locations; other places might be around the hospital area & along the main highway or streets...better security & consider insurance coverage. Need more services type business; mechanic shop, tire shop, hair salon, gift shop, coffee shop/internet, bakery, flower shop, etc.; Need for restaurant in the New High School area. Public parks; Use eminent domain to free the land for development; old hospital area and the hospital area; Area 3; and Consideration for land zoning increase for Veteran's Cemetery.

25. Please check the following selection with 1-being the most important to 5-least important. What is best about Fort Defiance's land development purposes right now?.

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Very Important	2 - Important	3 - Neutral	4 - Somewhat Important	5 - Least Important
Current Facilities at Fort Defiance /surrounding communities.	47 38%	50 41%	15 12%	6 5%	5 4%
Highway corridors available for development.	45 37%	43 35%	22 18%	5 4%	7 6%
Areas of traditional and historical importance.	52 43%	42 34%	20 16%	4 3%	4 3%
Agricultural Land.	37 30%	45 37%	26 21%	5 4%	9 7%
Residential Areas.	49 40%	44 36%	21 17%	3 2%	5 4%
Natural Beauty of the Area.	72 59%	34 28%	12 10%	1 1%	3 2%

3 Comment(s)

Potential Land Development Purposes



25. Respondents ranked the Fort Defiance's land development purposes as "very important" were 1) natural beauty of the area (59% or 72 individuals); 2) residential areas (49% or 40 individuals); 3) current facilities at Fort Defiance/surrounding areas (38% or 47 respondents); 4) Highway corridors available for development (37% or 45 respondents); and Agricultural Land (30% or 37 respondents). Agricultural Land was also considered the "least important" at 7% or 9 respondents. Three comments were "History of Fort Defiance. Rural Addressing is so important n FD needs to do asap. Ambulances n fire trucks n police can't find our homes."; FD is a very beautiful place & historical landmark for Navajo people. FD can attract business for its location, resources and manpower. People are waiting for development & improvement...especially our youth. Need a survey on type of skills people have to help the Chapter in the future. Get everyone involved, promote with a slogan & people will move in the right direction. Need to keep some of the revenue in the community instead of border towns.; and over the last 15 years the quality of the community has really deteriorated and it's very unfortunate to witness and live with.

5.4 Goals and Objectives:

Historic & Archaeological Resources

Goal A:	**To balance land development with protection of historic properties and archaeological sites.**
1.	Identify, evaluate, preserve, and protect significant historic properties and archaeological sites within the Fort Defiance Chapter community.
2.	Ensure all construction projects are in compliance with Federal and Tribal preservation laws and policies.
3.	Require environmental, archaeological, and cultural review and clearance for all development projects.

4. Preserve and promote the historic character and archaeological significance of the Fort Defiance Chapter community.
5. Protect traditional, sacred sites, and cultural areas within the Fort Defiance Chapter vicinity from damage or intrusion by growth and development.
6. Avoid or mitigate impacts of historic properties or archaeological sites when development occurs.

STRATEGIES/ACTIONS

1. Seek additional funding sources for historic preservation.
2. Identify and maintain a limited-access inventory of all historic properties and archaeological sites within the Fort Defiance Chapter community.
3. Assess and evaluate historic buildings, structures, districts, and archaeological sites to determine their eligibility for inclusion on the National Register for Historic Places/Navajo Nation Historic Preservation.
4. Collaborate with the National Park Services & Navajo Nation Historic Preservation administration to plan and implement land restoration projects.
5. Review all construction proposals to assess the potential impact on historic properties and archaeological sites.
6. Include cultural awareness training in all pre-construction meeting (non-Native firms).
7. Advise Navajo Nation Historic Preservation on all matters relating to historic properties and/or archaeological sites.

Cultural Use

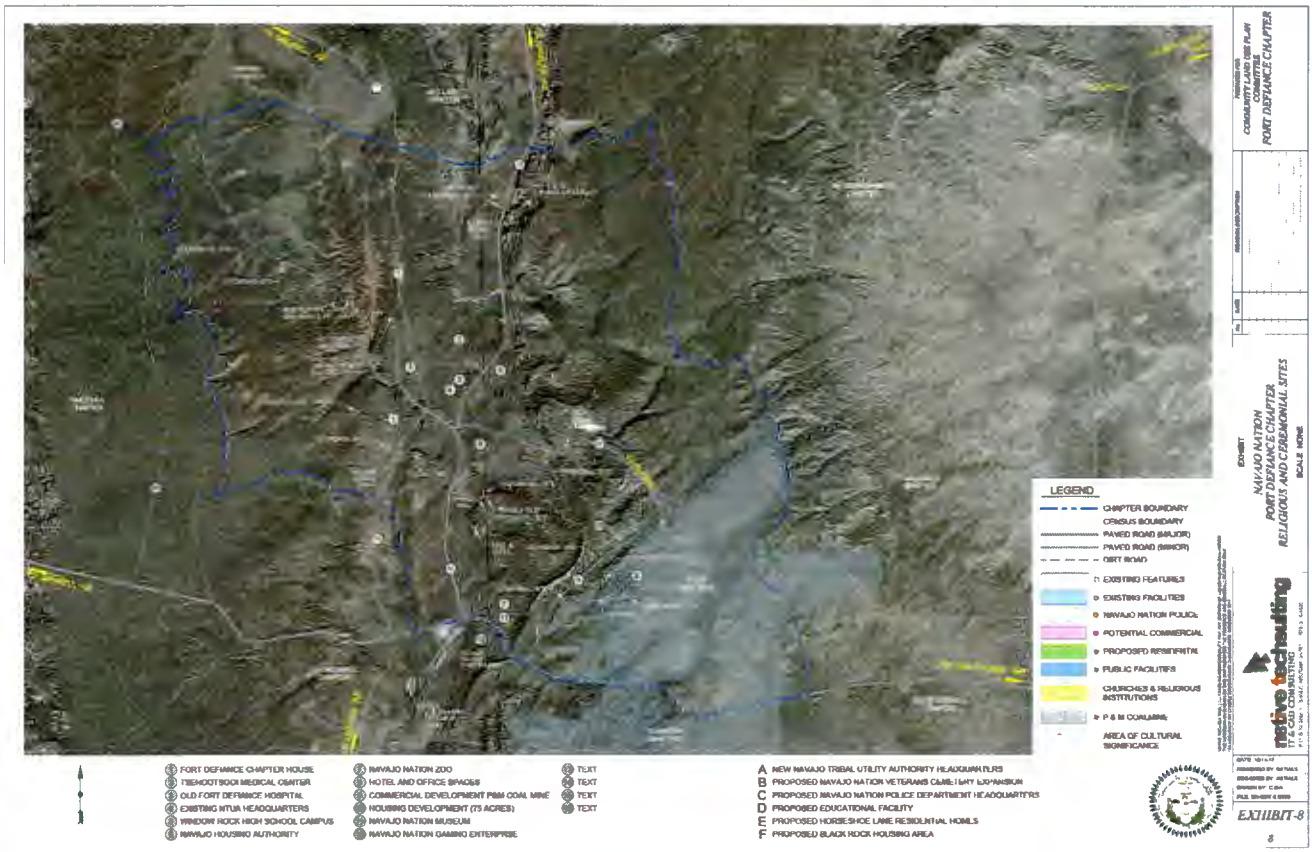
Goal B: To preserve unique cultural areas for continued and future use by cultural and traditional practitioners.

1. Promote the identification of areas that are suitable venues for Traditional and Cultural events and Activities.
2. Establish an effective approach to protecting sites by coordinating preservation efforts with the Navajo Nation Division of Economic Development/Regional Business Development Offices, Tourism, as appropriate.
3. Protect view observation building /post to and from significant sites to the extent practicable.
4. Preserve traditional and cultural sites within the Fort Defiance Chapter.

Strategies/Actions

1. Continue to collaborate with Chapter Elders and Traditional Practitioners to identify areas for preservation & protection in order to stay up to date, add these into the land use and open space plans, in addition to those sites identified with Navajo Historic Preservation.
2. Enforce buffer zones (as identified by the Navajo Nation Park Services) around these sites and maintain land use planning to protect them.

5.5 Fort Defiance Religious and Ceremonial Site Map



Fort Defiance Chapter's

6.0 Community & Economic Development Element's Goals & Objectives

6.1 **Community & Economic Development Purpose Statement:** The Economic & Community Development element is included to work toward and maintain a balanced mix of economic activity for residents and visitors alike and to encourage the development of particular economic sectors within the Fort Defiance Chapter boundary. The Economic & Community Development Element contains goals, objectives, policies and actions to encourage the development of desired economic activities throughout Fort Defiance community.

6.2 **Economic & Community Development Element Overview:**

The 2015 "Navajo Nation economic statistics" are staggering as reported by the Division of Economic Development. Navajo's unemployment rate is 885% greater than the U.S. Department of Labor, Bureau of Labor Statistics unemployment rate of 5.0% as reported for December 2015 (US Department of Labor, 2017). The 2015 Per Capita income on Navajo is 666% less than the U.S. Gross Domestic Product per capita income as reported by Trading Economics (Trading Economics, 2017). For Navajo, only 7.11% of the population has a bachelor's degree, whereas across the U.S 33% of women and 32% of men have obtained a bachelor's degree (Ryan, C. and Bauman, K., 2016).

→ Unemployment rate is 44.25%,
→ Per capita income is $7,751.95 compared to the U.S. per capita at $51,638.10
→ Sixty-two cents of every dollar flows off the Navajo Nation reservation,
→ Forty-three percent of Navajos live below the poverty rate,
→ There is only one police officer for every 500 people,
→ The median age on the Navajo Nation is 29.1 years, and
→ Only 7.11% of Navajos have a bachelor's degree or higher.

The barriers to economic and business development on the Navajo Nation and in rural communities such as Fort Defiance, Arizona, includes lack of business training, lack of access to capital, lack of access to technical assistance, and no land designated for business development purposes. According to the Navajo Nation Economic Development report, some challenges to and strategies for economic development on the reservations includes [but not limited to]:

→ Economic development in the Navajo Nation is impeded by land, infrastructure, financing, education, and governance.

→ Land constraints, for example, entails hurdles related to 1) trust land status that impedes collateralization; 2) fractionated ownership that compels negotiation with many interested parties; 3) the de facto veto power of grazing permittees who tend to be conservative and block development proposals; 4) an onerous business site leasing process; and 5) the raw land (that is, unzoned) status of much of the land of the Navajo Nation.

→ Overall, economic development problems results from higher levels of poverty, lower-paying jobs, and infrastructure and financing difficulties.

The Chevron Mining Corporation was the largest industrial operation within the Fort Defiance Chapter. Chapter members expressed an interest in developing additional industry, particularly light manufacturing such as furniture and decorative tiles. While there are approximately three (3) business site leases within the Chapter, an estimated four (4) additional remain undeveloped. The study Growth Center Planning for Fort Defiance is planning a hotel and an office complex at R-7 and SR-12.

Fort Defiance has the potential for tourism development due to its rich history and natural beauty. Growth Center Planning and Fort Defiance identifies SR-12 as a major tourist corridor for visitors to Window Rock, Navajo N.M., Wheatfields, Dine College, Lukachukai, Round Rock to Mexican Hat area. Presently however, tourist facilities and tourism-related retail enterprises do not exist. A hotel with recreation amenities and retail should be considered for future development. A park is being considered for picnicking facilities, comping and other passive recreation.

6.2.1 Capital Leakage: Capital leakage remains a major problem on the Navajo Nation when it comes to the local economy and hurts most small businesses located on the reservation. Capital leakage is the transfer of dollars earned on the reservation to off-reservation economies and/or businesses. This transfer occurs when money is spent off the reservation. But most specifically, it is the loss of the "multiplying effect" that occurs when a dollar is earned by an individual and passed on to another in the form of spending.

6.2.2 Businesses/Entities: As one of the larger communities within the Navajo Nation, the Fort Defiance Chapter is well positioned for economic [development] growth. Currently, there are several community facilities located within the chapter's vicinity that includes existing businesses, tribal/government programs, and enterprises.

In addition to businesses, Tsehootsooi Medical Center (TMC) located within the Fort Defiance Agency which is a 245,000 square foot facility is a state of the art rural hospital that opened in August 2002. Their mission statement is to provide superior and compassionate healthcare to our community by raising the level of health, Hozho, and quality of life. The hospital is located in the beautiful high-desert climate of Northeastern Arizona, about 8 miles north of Window Rock, Arizona (the capitol of the Navajo Nation). TMC Indian Hospital boasts a 24/7 Community Hospital Emergency Department, and is licensed for 72 inpatient beds including: an Intensive Care Unit; a Medical-Surgical Unit; a Pediatric Ward; an OB/GYN Ward; an inpatient Adolescent Psychiatric Care Unit and a Wellness Center. In 2004, TMC accumulated over 235,000 outpatient visits to its 65-exam room Ambulatory Care Center and 24 chairs within the Dental Clinic. Adjacent to the hospital is a new 193-unit government housing area. Public elementary, mid-school and high school are 300 feet to ½ mile away. The surroundings, and weather, are ideal for outside activities such as hiking, biking, skiing, stargazing, and horseback riding. The staff of Fort Defiance Indian Hospital strives to provide the best continuity of care to our patients. Currently, Tsehootsooi Medical Center employs approximately 800+. Due to location of the hospital, there is currently an increase in housing, hotels, and restaurants from local community members, tourist, hospital staff and visitors since the only lodging are located at St. Michaels, AZ and Window Rock, AZ.

6.2.3 Emphasize on Redevelopment Efforts: Ft. Defiance's growth has occurred over the last decades. Many retail and commercial areas are beginning to deteriorate and may offer opportunities for redevelopment. Some areas of the Chapter also have undeveloped pockets surrounded by existing development. By encouraging redevelopment, the Chapter can revitalize declining areas and reinforce the high quality character of the Chapter. The redevelopment process offers the flexibility to design and implement projects that achieve Ft. Defiance's economic and planning goals, and ensure a variety of uses and building types are incorporated into existing areas of the Chapter.

Development patterns in Ft. Defiance have favored the segregation of land uses, requiring numerous and relatively lengthy automobile trips to meet the basic retail needs of residents. Convenient retail services are an important amenity for residents and the distribution of these areas should meet the needs of residents throughout the entire community.

This is both an individual convenience consideration and community-wide traffic issue. Retail service areas should be integrated into a residential area in the form of a neighborhood center pattern as a convenience for residents and employees alike.

Regardless of location, design quality and sensitivity to existing development are critical to establish community support.

6.2.4 Tourism: Tourism and recreation activities are a major, if not the primary industry, on the majority of Arizona's reservations including the Navajo Nation. Timeche (2000) stated the following regarding Arizona's Native American tourism:

> For the domestic and international tourist, the American Indian reservations and their people holds a special allure and fascination. Arizona is one of a handful of states in which the American Indian population and their physical and cultural resources is integral to the State's tourism industry. The importance of the Indian cultural experience to the Arizona tourism industry is clearly evident by the Native American themes incorporated in the State's advertising portfolio, as it is to Arizona life: from the beauty of a pristine land base, recreation sites, museums, historical monuments, fashions, literature, to the fine arts and food of Arizona. (p. 2)

The Indian Economic Development and Tourism in Arizona (2000) reported that "most visitors to an Arizona Indian reservation are international, predominantly Europeans (Italians, Germans, British and French) and the Japanese/Asians (p. 2). They are well educated and often have extensive knowledge of the American Indian, are financially secure, and seek a "unique" cultural experience; and visitors to Indian reservations, however, do not spend as much as they could on food/beverage and lodging because there is a lack of amenities on many reservations--subsequently visitors support neighboring off-reservation communities (Timeche, 2000, p. 2).

Northern Arizona University's 2011 Navajo Nation Visitor Report (2012) stated the follow tourism data:

> The prime motivator of visits to the Navajo Nation is the beauty of its scenic attractions. In fact, fully two thirds of visitors (66.0%) said their main trip purpose was to Visit scenic attractions, which was followed closely by Scenic beauty or sightseeing (57.7%). No other response passed the 50% mark in interest as did this desire to experience the scenic beauty of the Navajo Nation. Next in importance was a desire to engage in Outdoor recreation, selected by 28.0% of visitors, which was followed by: Visiting friends or relatives (19.7%), Shopping for arts and crafts (13.6%), Cultural activities (12.6%), and Personal reasons (12.4%). (p. 19)

The Navajo Nation's tourism development initiatives focuses on [assisting] Navajo communities and businesses utilize tourism as a tool to improve the local and regional

economy while protecting or improving the quality of life for Navajo residents. Fort Defiance Chapter will collaborate with the Fort Defiance Regional Business Development Office (RBDO) and the Navajo Department of Tourism to develop various local small business projects such as bed and breakfasts, campgrounds/RV parks, caterers, tour company and artisan vendor village.

The Arizona Office of Tourism has identified five niche markets:

- ✓ Culture & Heritage
- ✓ Golf & Sports
- ✓ Nature & Adventure
- ✓ Resorts to Ranches
- ✓ Shopping & Entertainment

Tourism is a competitive market, and tourists expect more for their tourism dollar: They expect to be able to choose from a diverse variety of activities. Recognizing the importance of offering multiple experiences, many tribes are expanding their tourism efforts to appeal to more niche markets.

6.2.5 Navajo Small Business Development: Census defined business ownership does not include the "invisible economy," which consists of native arts and craft producers, food vendors, firewood vendors, Pow Wow concessions, vegetable gardening, and other micro-enterprises. These informal enterprises contribute to the local economy and are often a thriving sector on reservations. Lack of documentation on this sector precludes inclusion in this article. With the recent advancement of tribal economies spurred by Indian gaming or other factors and at the request of tribal members, several tribes have established or enhanced their business development services and loan or grant programs in attempt to build a private sector. Native Americans are often first generation business owners and benefit greatly from business development education and from the identification of sources of start-up equity and business financing options.

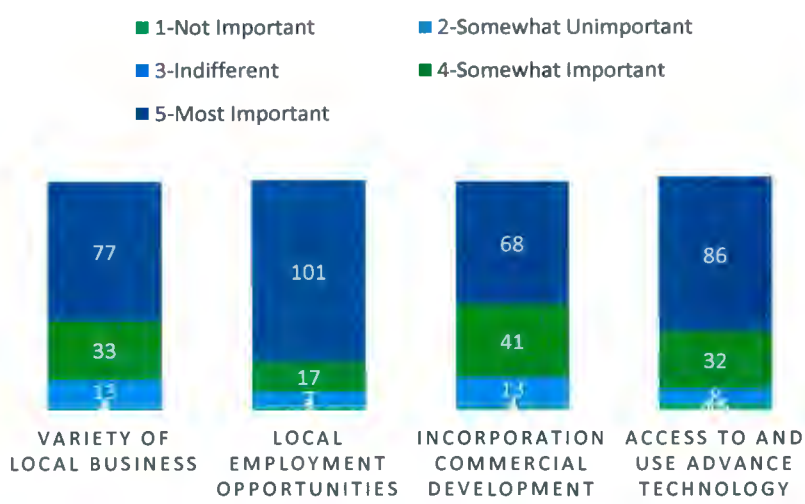
6.2.6 Fort Defiance Industrial Site, Ft. Defiance, AZ: Fort Defiance Industrial Park Located 7 miles north of Window Rock, Arizona, capital of the Navajo Nation: 50 acres, 9 acres developed; 1 plant, 3 warehouses, all utilities available. Lease Terms are Negotiable. The Fort Defiance Industrial Site is one of eight Industrial sites on the Navajo Nation. Located at the intersection of Navajo Route 12 and Navajo Route 54. Tenants: Apache County District II Sub-office, Design Data Solutions, and Navajo Housing Authority. Tenants include: Design Data

Solutions, Navajo Housing Authority, Navajo Arts and Crafts Enterprise, and Apache County District II Sub-office. Industrial park consisting of 50 acres and 28 acres are available for lease only. Two lots are currently available. (Exhibit 22: Fort Defiance Industrial Park)

6.3 Community Land Use Plan (CLUP) Community Survey Results:

5. Please rank the ECONOMY statement below on a scale of 1 to 5 regarding the importance of Fort Defiance's Economy to you. (1 = Not Important to 5 = Most Important)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1-Not Important	2-Somewhat Unimportant	3-Indifferent	4-Somewhat Important	5-Most Important
Variety of local businesses?	1 1%	4 3%	13 10%	33 26%	77 60%
Local employment opportunities?	2 2%	2 2%	7 5%	17 13%	101 78%
Incorporating commercial development into appropriate community design?	2 2%	4 3%	13 10%	41 32%	68 53%
Access to and use advances in technology?	2 2%	0 0%	8 6%	32 25%	86 67%

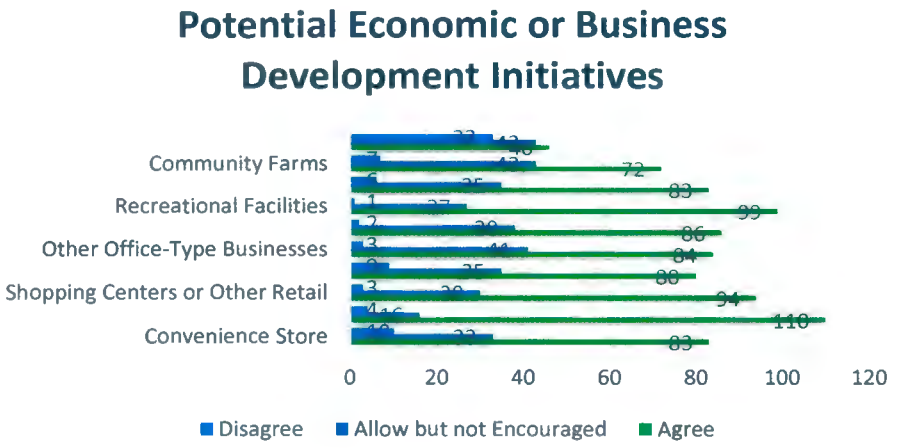


5. Community Members ranked the following Economic issues such as increasing the "variety of local businesses" as somewhat and most important factors (77 or 60% approval rating); addressing "local employment opportunities" was ranked very high at seventy-eight percent (78% or 101 respondents); "incorporating commercial development into appropriate community design" scored a fifty-three percent (53% or 68); and "access to and use advances in technology" scored a sixty-seven percent (67% or 86 respondents).

13. What type of economic or business development initiative do you think Fort Defiance community needs?

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Agree	Allow but Not Encouraged	Disagree
Convenience Store	83 66%	33 26%	10 8%
Other Services (ie health, gasoline, restaurant, etc)	110 85%	16 12%	4 3%
Shopping Centers or Other Retails	94 74%	30 24%	3 2%
Office Parks	80 65%	35 28%	9 7%
Other Office-Type Businesses	84 66%	41 32%	3 2%
Agricultural-related Businesses	86 68%	38 30%	2 2%
Recreational Facilities (ie youth centers or multi-purpose buildings)	99 78%	27 21%	1 1%
Family Farms	83 67%	35 28%	6 5%
Community Farms	72 59%	43 35%	7 6%
Large Corporate Livestock Farms	46 38%	43 35%	33 27%

11 Comment(s)



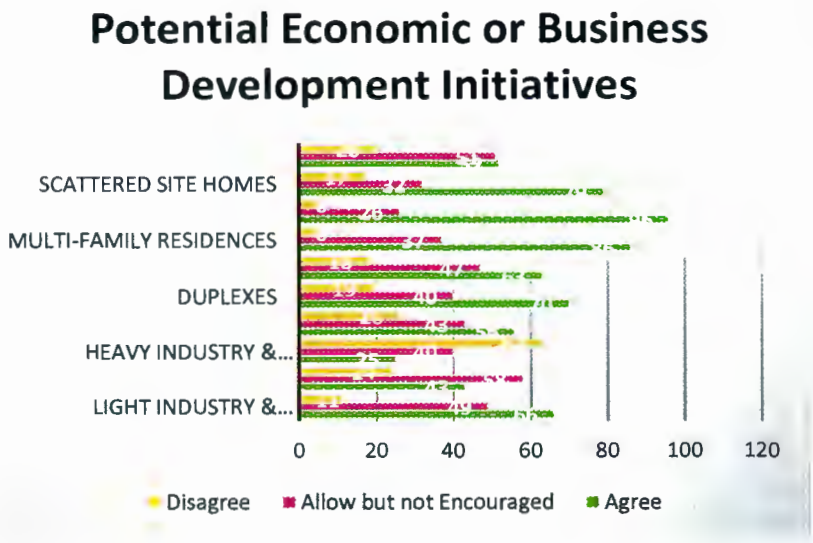
13. The Fort Defiance community "agree[s]" the following top six (6) economic and/or business development initiatives: Convenience Store (66% or 83 respondents); Other Services (i.e., health, gasoline, restaurant, etc.) (85% or 110 respondents); Shopping Centers or other retail outlets (74% or 94 respondents); Recreational Facilities (i.e., youth centers or multi-purpose buildings) (78% or 99 respondents); Agricultural-related businesses (68% or 86 respondents) and Family Farms (67% or 83 respondents). Overall, community members "agree" and "allow but not encouraged" averaged very high in all potential economic and business development initiatives while 27% of the respondents "disagree" with large corporate livestock farms followed by convenience store 8%. Large Corporate Livestock Farms and Community Farms both were ranked at (35% or 43 respondents), Agricultural-related Businesses (30% or 38

respondents) and Other Office-Type Business (32% or 41 respondents) ranked in the high percentile as "allow but not encourage." **Comments included:** Need a multiplex movie theatre, concert venue, community center; In all my life living here, there is still no recreation for kids. Not all kids are athletes. We need parks we need picnic areas where youth and families can chill. We need a skate park that will not shut down at 5 pm but stay open until 10 pm. We need to use county resources for our youth or else they will all leave for places with better quality of life; Business opportunity for community members who r willing n anxious to excel n make a good life. Help us succeed in our effort to make the best better. Need assistance in start-up of businesses n encouragement by the local leaders. Listen to the people. Presently the leaders have no respect for the people who want to make improvements in their lives. HELP IS REQUESTED. Thanks for reading my comment; Navajo history museum, public parks, river walkways, bike trails, walking trails, more landscaping, grocery store, bank, laundromat, apartments for workers, tourist information center, vendor village, tire shop, etc.; Redevelopment of the Number Streets. 8th street and around the fire station.; Ft Defiance is a prime area for growth. To stimulate the economy. Open up more fast food establishments. Wind and Solar energy could be used more. We have vast amounts of unused land. A family park would be nice, to encourage family exercise, or a place to cookout. A sense of Pride in Our Community is lacking.; Too much of the land is used for livestock and customary use. The Chapter will never change unless it uses eminent domain to acquire some of these lands. Living in the Chapter is like living in a feudal state with land barons.; I like the Community Farms idea. Would like to see more recycling within the community and surrounding communities.; nonprofit organizations; Lots of store, so we can work; and Veteran Hospital, another restaurant, auto repair shop, or Auto part store.

14. What type of economic or house development initiative(s) do you think Fort Defiance community needs?

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Agree	Allow but Not Encouraged	Disagree
Light Industry & Manufacturing	66 52%	49 39%	11 9%
Heavy Industry & Manufacturing	43 34%	58 46%	24 19%
Mineral Extraction	25 20%	40 31%	63 49%
Condominiums	56 45%	43 34%	26 21%
Dupluxes	70 54%	40 31%	19 15%
Mobile-Home Parks	63 49%	47 37%	18 14%
Multi-family Residences	86 67%	37 29%	6 5%
Single-family Residences	96 75%	26 20%	6 5%
Scattered Site Homes	79 62%	32 25%	17 13%
Clan Pods/Clustered	52 42%	51 41%	20 16%
11 Comment(s)			

14. The type of economic or business development initiative(s) that Fort Defiance community members additionally indicated that the community needs also "agree[d]" on are Single-family Residences (75% or 96 respondents); Scattered Site Homes (62% or 79 respondents); Multi-family Residences (67% or 86 respondents); Light Industry & Manufacturing (52% or 66 respondents); and Mobile Home Parks (49% or 63 respondents). Approximately, 46% or 58 respondents "Allow but Not Encouraged" on Heavy Industry & Manufacturing; Clan Pods/Clustered (41% or 51 respondents); (39% or 49 respondents) Light Industry & Manufacturing; Mineral Extraction (31% or 40 respondents); Condominiums (34% or 43 respondents) and Mobile-Home Parks (37% or 47 respondents). A high percentage of the survey respondents indicated that Mineral Extraction was "disagree[d]" as a type of economic development initiative for the Fort Defiance community. **Additional comments included**: Planned communities creates more organization opposed to scattered home sites. Infrastructure, intermodal and addressing is more viable more importantly creates a sense of inclusion; If u have land to build house I guess ok. People will not give up their land is the problem; More affordable housing for workers & a nice 3 story level office complex that can be leased out by the Chapter for generating revenue. Improve internet capabilities for the residents and encourage neighbor watch, fix residential roads, explore possibilities of a property tax to use for improving infrastructure or use bonds to finance projects; Redevelopment of the old hospital area and around the area across from the chapter house. Plus demolition of the Rio Puerco estates area. Removal of all the old abandon developments; Plenty of abandoned homes in the area. Homes are plastered with graffiti and are a haven for the gang members in town. The homes need to be leveled and the area cleaned up of broken glass and other debris; Anything. Open the land to development. Stop waiting for the Nation and NHA to do everything; Definitely need land for much needed housing development. Especially for single people and disabled people. Fort defiance is in high demand because of the hospital. Many need to live near it or work there; Navajo people make money and everything does not need to be for low income people; most housing opportunities are targeted towards low income or income based, need alternative housing options for single and working professionals. This will help the community by keeping navajo dollars in the local economy; Mineral extraction such as coal is not encouraged, but aggregate extraction is encouraged with emphasis on dust and sound control scattered sites and cluster sites are discouraged due to utility issues. This type of planning puts an undue toll on infrastructure; and Love the clan pod/cluster with the farming idea.



15. In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

	Strongly Promote	Promote	Take No Action	Discourage	Strongly Discourage
Environmental Preservations	62 48%	54 42%	12 9%	1 1%	0 0%
Farmland Preservation	49 38%	60 47%	15 12%	4 3%	1 1%
Industrial Development	31 25%	64 52%	22 18%	5 4%	2 2%
Residential Development	61 47%	49 38%	17 13%	2 2%	0 0%
Commercial Development	46 36%	60 47%	18 14%	4 3%	0 0%
Recreational Facilities	71 55%	47 37%	9 7%	1 1%	0 0%
Tourism Development	58 45%	54 42%	13 10%	3 2%	1 1%
Employment Opportuniities	90 70%	29 22%	8 6%	2 2%	0 0%
Youth Recreational Center/Activities	81 63%	35 27%	12 9%	1 1%	0 0%
Senior Citizen Center/Programs	85 68%	30 24%	8 6%	2 2%	0 0%

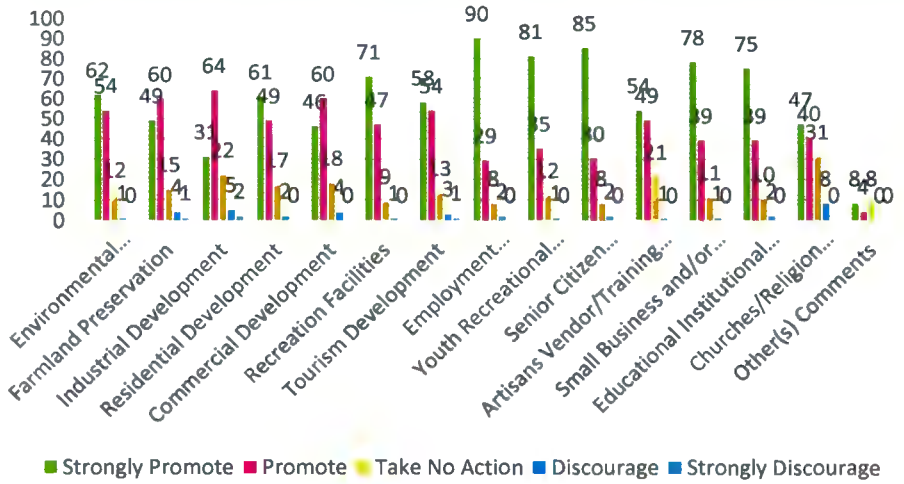
9 Comment(s)

16. Continue: In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Strongly Promote	Promote	Take No Action	Discourage	Strongly Discourage
Artisan Vendor/Training Programs	54 43%	49 39%	21 17%	1 1%	0 0%
Small Business and/or Economic Development	78 60%	39 30%	11 9%	1 1%	0 0%
Educational Institutional Development	75 60%	39 31%	10 8%	2 2%	0 0%
Churches/Religion Purposes	47 37%	40 32%	31 25%	8 6%	0 0%
Other(s) Comment Below:	8 40%	4 20%	8 40%	0 0%	0 0%

4 Comment(s)

15 & 16. In planning for future development, Fort Defiance Chapter Officials should "strongly promote" Employment Opportunities (70% or 90 respondents); Senior Citizen Centers/Programs (68% or 85 respondents); Youth Recreational Centers/Activities (63% or 81 respondents); both Small Business and/or Economic Development and Educational Institutional Development (60% or 78/73 Respondents); Environmental Preservations (48% or 62 respondents); Residential Development (47% or 61 respondents); and Tourism Development (45% or 58 respondents). While viewing the charts a high percentile agreed to "strongly promote" and "promote" a majority of the categories listed, however, only 1 responded as strongly discourage[d]" for Tourism Development. Twelve other comments included 1) Fort Defiance Chapter seems to bias against certain age groups, people, and orientation. Need to have a civil right training and open to all walks of life; 2) Support more youth clubs or after school programs & more senior level activities to give back to the community. use college



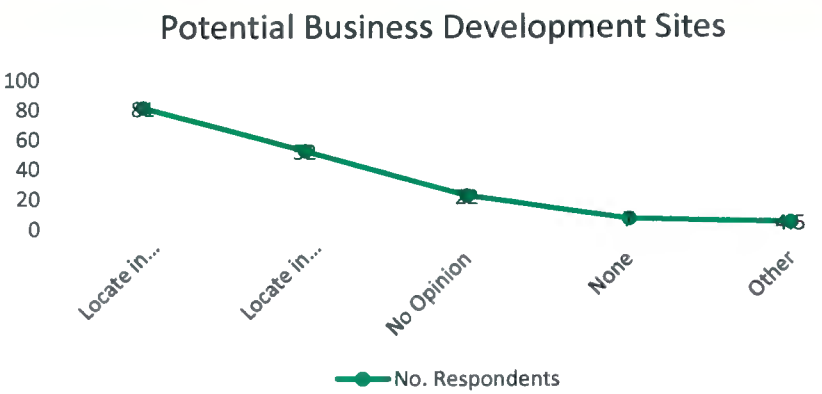
graduates to help plan & design a nice community. Investing in community is worth it & increases cohesiveness - project support or involve everyone during the planning process (buy in). FD is an ideal place for more development based on population & access to major roads, hospital, offices, etc.; 3) Traditional Preservation, too Strongly Agree; 4) Again Navajo people make money so nothing or all for just low-income people; 5) Promote with the intention of not exceeding maintenance capability. I hate seeing brand new infrastructure with painted gang signs.; 6) pre-fabricated homes industry. Almost like a tiny home manufacturing plant; 7) Elderly Care needed in community; 8) Upgrade existing facilities; 9) Promote FD in the most positive way to entice business development or relocation. FD is a place for Navajo history & stories. Complete a community master plan & start. Good Luck & this survey is an excellent start!; 10) Cleaning up of the community and area. Pride in the town. Fix the roads!; 11) "I Personally feel that we have enough diverse churches in the area. We need to stimulate the economy for Ft Defiance. Clean up how our community looks. We have so many abandoned homes." and 12) Enforcement is lacking in the Fort Defiance area.

20. Should business development be concentrated in selected areas or dispersed throughout the community?.

	Number of Response(s)	Response Ratio
Locate in the proposed/approved Fort Defiance's business corridor or	81	63.7%
Locate in current or expired business site lease locations.	52	40.9%
No Opinion	22	17.3%
None	7	5.5%
Other	7	5.5%
Total	127	100%
8 Comment(s)		

20. Based on 131 respondents, the community members ranked the following locations where business development should be concentrated or dispersed throughout Fort Defiance; 1) locate in the proposed/approved Fort Defiance's business corridor or location (63.7 %); and 2) located in current or expired business site lease locations (40.9%). Twenty-two (22) community members indicated they had "no opinion" while seven (7) stated "none." Seven additional

comments included: along the main corridors or streets; Customary Use Areas; two locations; Should be along main roads niz to hospital and kit carson prive; Misused in certain areas; wherever it is essential and useful; Veterans cemetery; Create a a



One Stop shop for businesses, a multi storied complex that serves both the public and business eliminates the needless runaround. This would eliminate the manufactured trailers that were intended for temporary use.; old Dunn mercantile, cantina, amoco, royal burger, rudeaus, are all feasible locations; other places might be around the hospital area & along the main highway or streets...better security & consider insurance coverage. Need more services type business; mechanic shop, tire shop, hair salon, gift shop, coffee shop/internet, bakery, flower shop, etc.; Need for restaurant in the New High School area. Public parks.; Use eminent domain to free the land for development.; old hospital area and the hospital area.; Area 3; and Consideration for land zoning increase for Veteran's Cemetery.

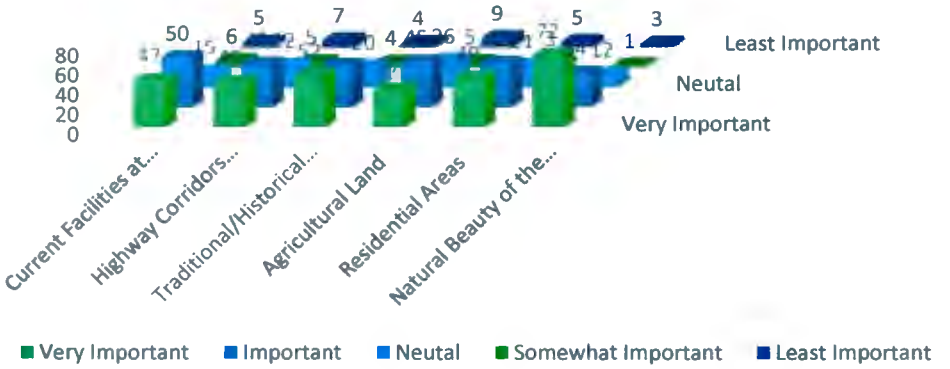
25. Please check the following selection with 1-being the most important to 5-least important. What is best about Fort Defiance's land development purposes right now?.

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Very Important	2 - Important	3 - Neutral	4 - Somewhat Important	5 - Least Important
Current Facilities at Fort Defiance /surrounding communities.	47 38%	50 41%	15 12%	6 5%	5 4%
Highway corridors available for development.	45 37%	43 35%	22 18%	5 4%	7 6%
Areas of traditional and historical importance.	52 43%	42 34%	20 16%	4 3%	4 3%
Agricultural Land.	37 30%	45 37%	26 21%	5 4%	9 7%
Residential Areas.	49 40%	44 36%	21 17%	3 2%	5 4%
Natural Beauty of the Area.	72 59%	34 28%	12 10%	1 1%	3 2%

3 Comment(s)

25. Survey Respondents ranked the Fort Defiance's land development purposes as "very important" were 1) natural beauty of the area (59% or 72 individuals); 2) residential areas (49% or 40 individuals); 3) current facilities at Fort Defiance/surrounding areas (38% or 47 respondents);4) Highway corridors available for development (37% or 45 respondents); and Agricultural Land (30% or 37 respondents). Agricultural Land was also considered the "least important" at 7% or 9 respondents. Three comments were "History of Fort Defiance. Rural Addressing is so important n FD needs to do asap. Ambulances n fire trucks n police can't find our homes."; FD is a very beautiful place & historical landmark for Navajo people. FD can attract business for its location, resources and manpower. People are waiting for

Potential Land Development Purposes



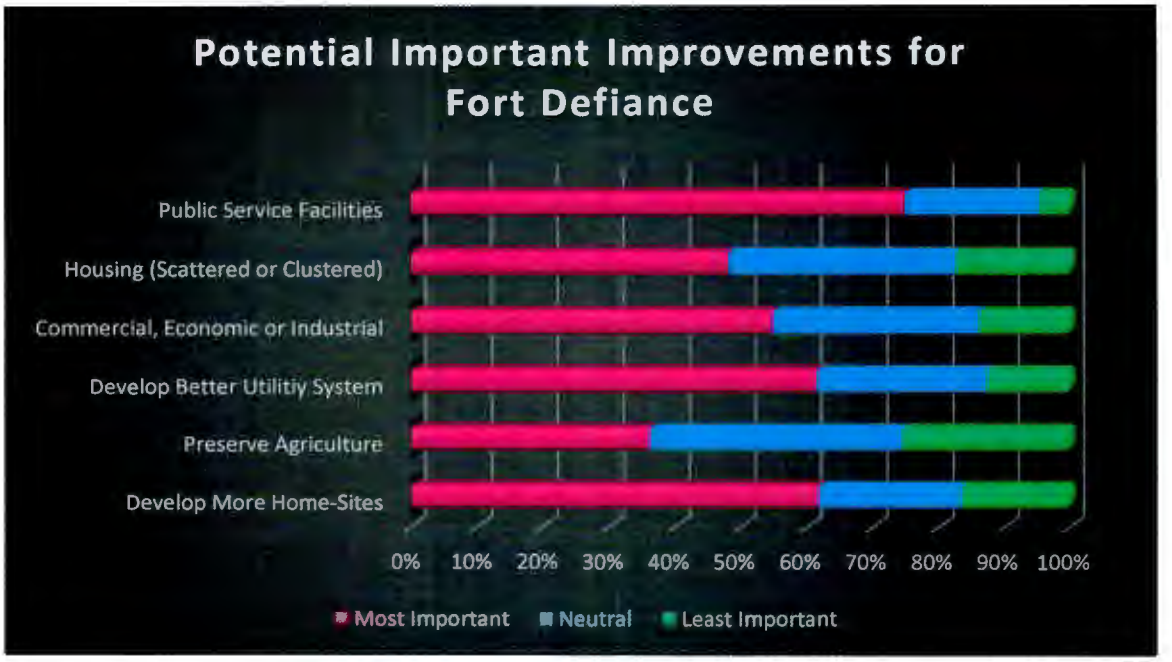
development &improvement...especially our youth. Need a survey on type of skills people have to help the Chapter in the future. Get everyone involved, promote with a slogan & people will move in the right direction. Need to keep some of the revenue in the community instead of border towns.; and over the last 15 years the quality of the community has really deteriorated and it's very unfortunate to witness and live with.

26. Please rank, with (1) being the Most Important; (2) Neutral; and (3) being the Least Important; the three most important improvements that could be made to the Chapter's land area:

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Most Important	2 - Neutral	3 - Least Important
Develop more home-sites.	66 62%	23 21%	18 17%
Preserve agriculture (while developing other areas).	35 36%	37 38%	25 26%
Develop a better utility system.	62 61%	26 26%	13 13%
Commercial, Economic or Industrial Development.	58 55%	33 31%	15 14%
Housing (Scattered or Clustered)	49 48%	35 34%	18 18%
Public Service Facilities (Hospital, Police/Fire Stations, etc.)	77 68%	21 19%	15 13%
5 Comment(s)			

26. The three most important improvements that Fort Defiance Chapter should consider based on 131 respondents are as follows, 1) Public Service Facilities (hospital, police/fire stations, etc.) (68% or 77 respondents); 2) Develop More Home Sites (62% or 66 respondents); and 3) Developing a Better Utility System (61% or 62 respondents). The least two items that were considered "least important" are Preserving Agriculture (26% or 25 respondents) and Develop More Home-Sites & Housing (18% or 18 respondents). Comments include Need

new cemetery; Bring in high technology to FD, including solar energy, etc. FD can have their own housing or property office to process application, etc. Connect more with County & State & Federal offices for services; MVD, DES, transportation, fire/rescue, etc.; Police is the most important. My area has had four drunk drivers crash at our intersection; where old FD Hospital was located, tear down old houses there and build new ones or nice apt complex for young families; and Police.



6.4 Goals and Objectives:

The Fort Defiance CLUPC identified several realistic community and economic development goals, objectives and strategies for the community. The CLUPC members plan on collaborating with Chapter's officials, staff, community members, and tribal entities to assist with the accomplishment of the following potential goals and strategies to increase the quality of life through local economic development initiatives, increase economic self-sufficiency and employment opportunities for the Chapter community:

Economic Development Planning

Goal A:	**To balance economic development in the Fort Defiance community with the culture, economic, and environmental well-being of the community.**
1.	Foster micro-enterprise and economic diversification that increases revenues and promotes industries that is vital to the local community.
2.	Balance the desire to generate the highest possible return of investment in land users with Cultural, Economic, and Environmental sustainability.

3. Emphasize opportunities to generate revenue that would improve services and provide job opportunities within the Fort Defiance community and vicinity. (Chapter's responsibilities)
4. Provide adequate Infrastructure to accommodate and stimulate economic growth.
5. Encourage an industrial development that supports sound development of local resources while sustaining the regulation impact on the environment.
6. Incorporate the Marketing Plan Department of Economic Development (DED) and recent Master Plan for Economic and Tourist Development. (Chapter's responsibilities)
7. Support the Chapter's attempt to hire consultant(s) to conduct an economic feasibility study for the community by assisting the Chapter to identify potential economic development site(s).
8. Encourage and integrate community-level retail operates that provides convenience for residents as a quality of life factor.

Strategies/Actions

1. Support and implement the Fort Defiance Chapter's community-based marketing and feasibility study & Apache County & or McKinley County economic strategies report.
2. Explore the creation of other private enterprises built within the community assets, such as agriculture, green (environmentally friendly) development, tourism (create partnership between local businesses), farmers market, park services, and/or recreation.
3. Follow up on the status of contaminated business sites:
   → Contaminated information for each site
   → Maps for each location
   → Former .... Amco station, Thriftway,
4. Encourage businesses that are committed to the principles of sustainability to locate within the community/corridor/ industrial park.
5. Identify business site acres along the 750 foot commercial corridor. (Along major highways within the community).
   a) Land withdrawal along both side road.
   b) Land withdrawal along Navajo Route 12 and others.
   c) New industrial park identification.
   d) Identify land for Vendor Village.
6. Support land withdrawal/business development for Capital Improvement Project.
7. <u>Infrastructure Development</u>:
   a) Study and develop a street grid system that also incorporates development and expansion of infrastructure.
   b) Develop standards for building and expanding infrastructure.
   c) Identify a location for developing a Waste Treatment Facility/Water Treatment Plant is currently being developed and listed in (CIP).
   d) Enhance communications (land lines, cell towers, and internet capabilities).
   e) Explore getting business sites "infrastructure ready" to attract businesses.
   f) Seek funding for Infrastructure development.
8. <u>Industrial Development:</u>

a) Analyze the economic, social and environmental impacts of a trash facility.
b) Analyze the economic, social and environmental impacts of a waste treatment.
c) Recruit and seek light manufacturing plant.

9. Encourage the Chapter to proceed with the development of the Business Site Lease (BSL) Administration and Management Plan.
10. Utilize Chapter's Five Management System (FMS) and Community Land Use Plan Committee (CLUPC) to address the challenges of developing a strong local economy in order to fund governance and economic development initiatives to increase local employment opportunities and community wealth.

Development

Goal B: **To encourage sustainable micro-enterprise, industrial, tourism and economic development.**

1. Encourage the development of diverse micro-enterprise, industrial, tourism and economic opportunities within the Fort Defiance community (BIA trailer park, Black Rock trailer park, JW trailer park future plans of BIA).
2. Promote and increase the economic self-sufficiency and self-governance of the Fort Defiance community.
3. Continue working with the Navajo Nation Division of Economic Development (DED)'s Project Development & Navajo Nation Shopping Centers, Inc. on identifying land for the development of a shopping center and/or retail outlet.
4. Continue working with other tribal departments/programs on the development of the Fort Defiance Vendor Village project.
   → Pursuit and creation of Vendor Village within the community to accommodate tourists, local vendors and tour guide operators for tourist and economic development.
5. Encourage and nurture startup businesses, business growth and business retention, then expansion.
6. Sustain and enhance the economic utilization of Fort Defiance's natural resources for Tourism development.
7. Support the replacement of BIA building, and Agri. building due to old outdated building and infrastructure upgrade.
8. Support the development of a new hotel for immediate area for growing expansion and visitation of tourists on a yearly basis.

Strategies/Actions

1. Assist Chapter in recommending a plan for the former Dahozy, Black Rock, JW Trailer Parks. (Business Site Leases)
2. Recruit and promote desired businesses and/or enterprises.
3. **Business Development:**
   → Provide access to resources that will help those who wish to develop and /or grow their own businesses.
   → Support current business activities that are compatible with existing uses in the community and that produce income and/or contribute to the economy.

→ Encourage and support family/privately own businesses.
→ Support the sheep and livestock business.
→ Encourage and support entrepreneurship.
→ Continue working with other potential developers.

4 **Tourism Development:**

a) Explore and develop innovative tourist activities that preserve and enhance the unique qualities of the community.
b) Support the development of businesses that offer services to tourists and encourage businesses to be environmentally friendly (e.g. bed and breakfast & campground).

5. **Identify Target Redevelopment Areas...** as opportunities to facilitate development that adheres to adopted land use element's principles.
6. **Evaluate Development Incentives...** to ensure appropriate support for redevelopment interests in important locations throughout the Chapter.
7. **Assist Business Owners...** to match redevelopment sites to inquiring developers as an economic strategy for the long-term fiscal health of the Chapter.
8. **Encourage Locally Serving Retail...** and support services for business development projects and "revitalize" neighborhoods that will directly enhance the quality of life for Ft. Defiance residents and workers.
9. **Encourage Internet Businesses....**supportive of small and/or homebased businesses to use Chapter's internet for business start-ups, research, and develop website for various local services/products like bed and breakfast or artisan crafts.
10. **Microlending..**promote and encourage various microlending programs such as ACCION and the Navajo Nation CDFI for local entrepreneurs while becoming familiar with the application process and its benefits such as job creation and improving residents' living standards.
11. **Procurement..**encourage Chapter to investigate government procurement programs for small businesses such as the HUBZone Empowerment contract programs and work with the local Procurement Technical Assistance Program (PTAP).

Community Economic Development

Goal A: **To encourage the development of diverse economic opportunities within the Community.**

1. Support Community member business development, expansion and sustainability.
2. Work with members, permitee(s) and developers to develop economically viable commercial projects for lease income and benefits to the Fort Defiance community such as tax revenues, jobs and business opportunities.
3. Promote college education as a means of expanding employment opportunities for community members and enhancing the attractiveness of the local community as a location for businesses that rely on a college educated workforce.
4. Create a diverse business environment that provides commerce for the local community, region and visitors.
5. Advocate large commercial development of up to possibly 50-100 acres of land for

shopping center/retail development initiative.

Strategies/Actions

1. Expand services and opportunities for the Fort Defiance community member owned businesses through the Regional Business Development Office, Navajo Technical University, Dine College, & Navajo Housing Authority, Health Intern Training, & GSM Nursing Program to include classes, individual coaching, lending and savings programs, homeownership and financial literacy.
2. Utilize the local economic development and tourism plans (Corridors-Indian Route 7 & Route 12/Route 110/Route 112/Route 54).
3. **Commercial Development:**
   - → Support the development of retail businesses.
   - → Support regional commercial development.
   - → Create a historic business district at the old Indian Health Service site.
   - → Support the development of a professional office park.
   - → Support the development of a medical office park.
   - → Develop an entertainment corridor.
   - → Committed corridor.

Goal B: **Create and expand businesses and economic development initiatives to create benefits for the Fort Defiance community**

1. Support the development of local services in developed and growing areas within the Fort Defiance community.
2. Encourage the development of a non-profit community development corporation.
3. Identify potential sites for commercial development (land withdrawal process). Register with Systems for Award Management (SAMs) and grants.gov for potential grant leveraging opportunities for various projects such as the broadband connectivity funding, etc.
4. Advocate the development of Fort Defiance's Business Site Lease Administrative Management Plan. (Chapter & RBDO)
5. Support land withdrawals for areas designed for Economic and Industrial Development.
   a) Develop a scope of work for legal land description & survey, and environmental, archaeological and biological studies/clearances.
   b) Collaborate with Chapter/Grazing Officials to identify site and initiate the withdrawal process by working with community members/land use permit holders.
   c) Identify funds and develop Request for Proposal (RFP) to obtain professional development services.

   Coordinate with Chapter Officials/Committees to obtain a supporting Chapter Resolution for the project and land withdrawal process.
6. Develop zoning ordinance for areas identify for Economic and Industrial development.
   a) Obtain the legal services of an Attorney to develop commercial zoning ordinances.

b) Conduct community public meetings/training and formally adopted zoning ordinances.

7. Develop a master plan for Economic and Community Development vicinity to guide future development in the Fort Defiance areas.
   a) Develop comprehensive scope of work for the Master Plan and identify potential funding.
   b) Develop a Request for Proposal (RFP) and obtain services of an architect/engineer to conduct the work.
   c) Present Master Plan to the Chapter and community members to adopt the plan.
8. Support the Chapter's relinquishment of BIA, School and Navajo Nation lands that are not being utilized for any development and reassigned to the Chapter.
9. Encourage the Navajo Nation to design the Chapter as an enterprise zone that will provide incentives for businesses to locate within the community.

Zoning

Goal C: **Establish and enforce commercial zones and ordinance for potential business and economic development ventures.**

1. Conduct other research to identify other possible options for land acquisitions
2. Establish business and commercial zoning map and ordinances that will guide any future development of business, commercial, and industrial projects.
3. Provide incentives so current land use permit holders in exchange for land or economic development projects.
4. Conduct a community business and economic development feasibility study.
5. Develop and adopt local development regulations and design procedures to assist potential businesses & developers.
6. Leverage and/or obtain additional funding, grants or loans to develop infrastructure to accommodate future development.

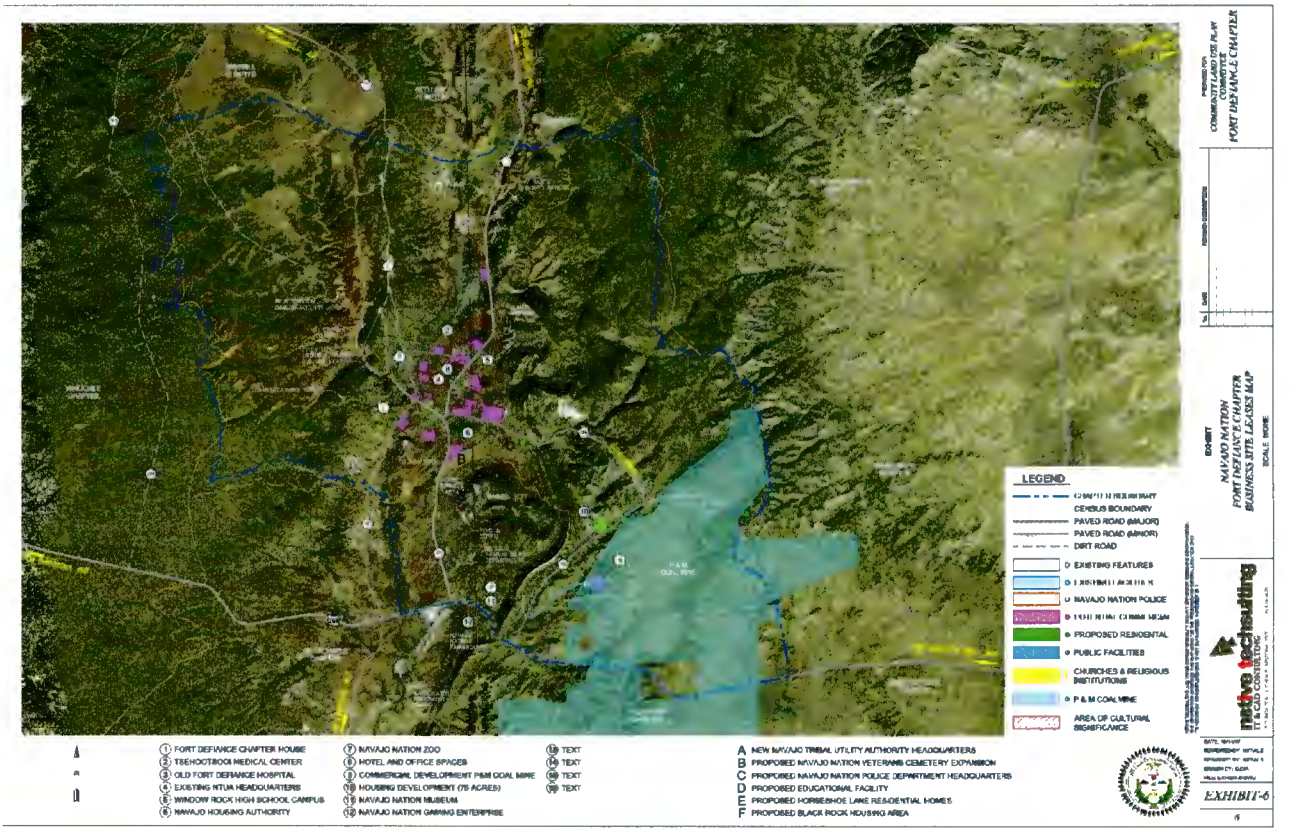
Strategies/Actions

1 Develop and adopt local development regulations and design procedures to assist potential businesses & developers.

2 Encourage leveraging to support and/or identify additional funding, grants or loans to develop infrastructure to accommodate future development.

3. Fort Defiance Regional Business Development Office (RBDO) will advertise available commercial lots for lease in Fort Defiance Chapter.
4. Encourage and support the Chapter's effort to develop its tax ordinance that will benefit Chapter from tax revenues from the three (3) business site leases within the community.
5. Collaborate with other chapters and local governments on regional economic development projects.

6.5 Fort Defiance Business Site Map (Exhibit 22):



1. FORT DEFIANCE CHAPTER HOUSE
2. TSEHOOTSOOI MEDICAL CENTER
3. OLD FORT DEFIANCE HOSPITAL
4. EXISTING NTUA HEADQUARTERS
5. WINDOW ROCK HIGH SCHOOL CAMPUS
6. NAVAJO HOUSING AUTHORITY
7. NAVAJO NATION ZOO
8. HOTEL AND OFFICE SPACES
9. COMMERCIAL DEVELOPMENT P&M COAL MINE
10. HOUSING DEVELOPMENT (75 ACRES)
11. NAVAJO NATION MUSEUM
12. NAVAJO NATION GAMING ENTERPRSE
13. TEXT
14. TEXT
15. TEXT
16. TEXT

A NEW NAVAJO TRIBAL UTILITY AUTHORITY HEADQUARTERS
B PROPOSED NAVAJO NATION VETERANS CEMETERY EXPANSION
C PROPOSED NAVAJO NATION POLICE DEPARTMENT HEADQUARTERS
D PROPOSED EDUCATIONAL FACILITY
E PROPOSED HORSESHOE LANE RESIDENTIAL HOMES
F PROPOSED BLACK ROCK HOUSING AREA

PREPARED FOR:
COMMUNITY LAND USE PLAN COMMITTEE
FORT DEFIANCE CHAPTER

No.	DATE	REVISION DESCRIPTION

EXHIBIT
NAVAJO NATION
FORT DEFIANCE CHAPTER
TRIBAL PROGRAMS AND MISSIONS MAP
SCALE: NONE

NATIVE TECHSULTING, LLC TAKES NO RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS CONTAIN HEREIN. THIS MAP IS PROVIDED "AS IS" AS A GENERAL REFERENCE TO THE CHAPTER. LOCATION AND ITS ACCURACY OR COMPLETENESS IS NOT GUARANTEED. NOVEMBER 2017

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IT & CAD CONSULTING
P.O. BOX 2003 | CHINLE, ARIZONA 86503 (928) 674-5483

DATE: 10/11/17
REVISED BY: INITIALS
DESIGNED BY: INITIALS
DRAWN BY: CJBA
FILE: EXHIBIT-2.DWG

EXHIBIT-2

Fort Defiance Chapter's

7.0 Agricultural Land Element's Goals & Objectives

7.1 **Agriculture Statement Purpose Statement:** This element provides the policy context for Fort Defiance Chapter to achieve its vision for the protection, preservation, and expansion of productive agriculture.

7.2 **Agriculture Element Overview:** Agriculture is the prominent economic segment in the Fort Defiance and accounts for a majority percentage of the land area. Rich soils, accessible irrigation water, favorable climate, a large workforce labor, and reliable access to local, national, and global markets make Fort Defiance a potential thriving agricultural community.

Agriculture plays a key role in shaping the economy and unique character of Fort Defiance, Arizona. A top priority for the Chapter is to protect the existing agricultural economy, and to also find ways to expand the agricultural economy in the future. The policies in this section address the protection, expansion, and diversification of the local agricultural economy and its support industries.

Biel, Hodoba, & Paul (2006) reported that [overall,] raising livestock has been an important part of the Navajo way of life. Sheep, cattle, and horses are found throughout the Navajo Nation. Because much of ranching and farming on the Navajo Nation is an individual enterprise, it is difficult to track down dollar amounts that agriculture contributes to the economy. (p. F-8).

Fort Defiance Chapter is committed to protecting productive agricultural land and the agricultural industry. The Land Use Element includes numerous goals and policies for focusing future rural growth into either urban communities or border towns & cities off the reservation, and increasing the average densities of residential development to minimize the conversion of agricultural land to various development purposes.

7.2.1 Agricultural Pursuits

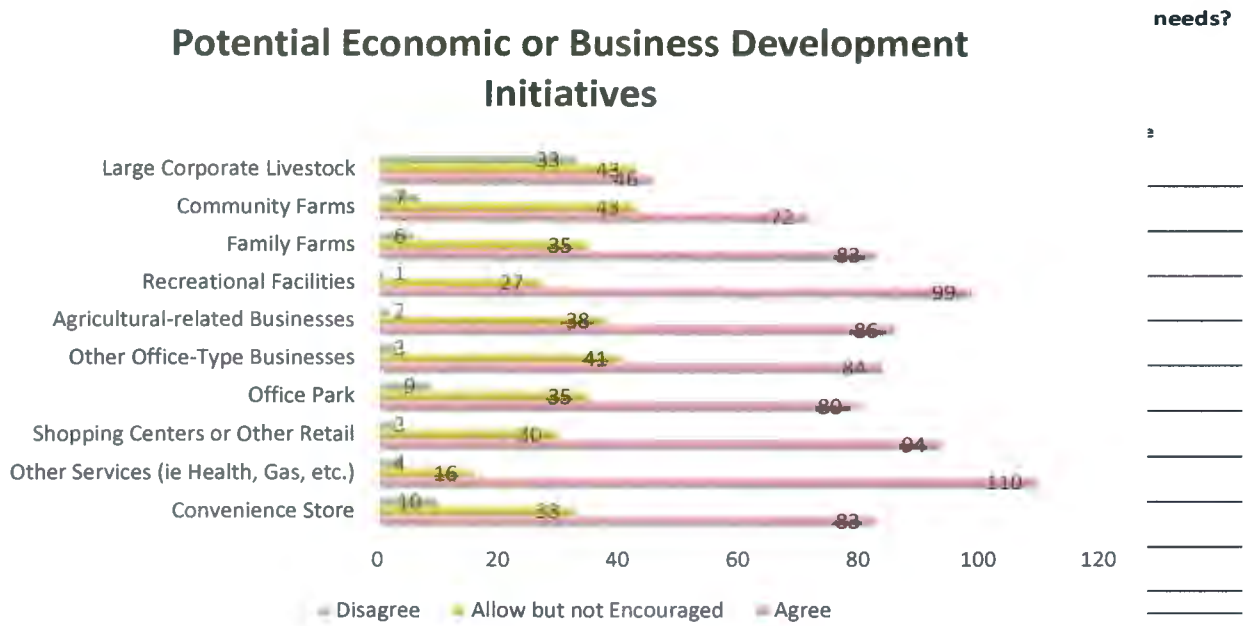
In accordance to PAIKI (2004), as the Navajo Nation and its people become more integrated with the national economy, fewer people rely on livestock and farming for their livelihood. Additionally, the severe drought affecting the Southwest and poor range conditions are forcing many ranchers to seek new sources of income. Fallow fields located within communities are ideal locations for new development because of their proximity to community services and infrastructure. Also, as the need for grazing decreases, permitees are more amenable to giving up portions of their land to support community development efforts. (p. 4) Agricultural fields comprise approximately 538 acres and are mostly found along Black Creek and N-112 (PAIKI, 2004, p. 4).

7.2.2 Land Use Coverage & Development Activities

PAIKI (2004) discussed how initially in the late 1800s that Ft. Defiance was undeveloped and was mostly considered "open space" for agriculture, livestock, and farming. However, today the community covers the valley from the mouth of Blue Canyon in the west to the slickrock cliffs in the east, the following development activities were reported:

Development has also spread south along the valley and it is impossible to tell from development patterns where the Fort Defiance-St. Michaels Chapter boundary lies. Fortunately, most development is clustered within the core area of Fort Defiance and only a few family residential clusters are scattered throughout the Chapter. Notwithstanding this rapid rate of development, the Fort Defiance Chapter as a whole remains predominantly open space. The primary uses of Chapter open space are for livestock grazing and mining. Approximately 66,911 acres are used for livestock grazing. The Chevron Mining Inc. leases approximately 1,400 acres in the eastern portion of the Chapter. While areas of the leasehold that are actively being mined can be considered an industrial land use, these areas constitute only a fraction of the leasehold at any given period. (p. 4).

7.3 Community Land Use Plan (CLUP) Community Survey Results:



13. The Fort Defiance community "agree[s]" the following top six (6) economic and/or business development initiatives: Convenience Store (66% or 83 respondents); Other Services (i.e., health, gasoline, restaurant, etc.) (85% or 110 respondents); Shopping Centers or other retail outlets (74% or 94 respondents); Recreational Facilities (i.e., youth centers or multi-purpose buildings) (78% or 99 respondents); Agricultural-related businesses (68% or 86 respondents) and Family Farms (67% or 83 respondents). Overall, community members "agree" and "allow but not encouraged" averaged very high in all potential economic and business development initiatives while 27% of the respondents "disagree" with large corporate livestock farms followed by convenience store 8%. Large Corporate Livestock Farms and Community Farms both were ranked at (35% or 43 respondents), Agricultural-related Businesses (30% or 38 respondents) and Other Office-Type Business (32% or 41 respondents) ranked in the high percentile as "allow but not encourage." **Comments included**: Need a multiplex movie theatre, concert venue, community center; In all my life living here, there is still no recreation for kids. Not all kids are athletes. We need parks we need picnic areas where youth and families can chill. We need a skate park that will not shut down at 5 pm but stay open until 10 pm. We need to use county resources for our youth or else they will all leave for places with better quality of life; Business opportunity for community members who r willing n anxious to excel n make a good life. Help us succeed in our effort to make the best better. Need assistance in start-up of businesses n encouragement by the local leaders. Listen to the people. Presently the leaders have no respect for the people who want to make improvements in their lives. HELP IS REQUESTED. Thanks for reading my comment; Navajo history museum, public parks, river walkways, bike trails, walking trails, more landscaping, grocery store, bank, laundromat, apartments for workers, tourist information center, vendor village, tire shop, etc.; Redevelopment of the Number Streets. 8th street and around the fire station.; Ft Defiance is a prime area for growth. To stimulate the economy. Open up more fast food establishments. Wind and Solar energy could be used more. We have vast amounts of unused land. A family park would be nice, to encourage family exercise, or a place to cookout. A sense of Pride in Our

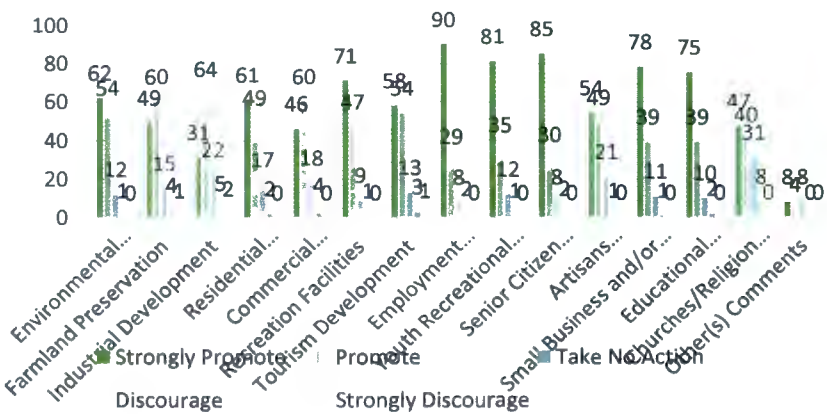
Community is lacking.; Too much of the land is used for livestock and customary use. The Chapter will never change unless it uses eminent domain to acquire some of these lands. Living in the Chapter is like living in a feudal state with land barons.; I like the Community Farms idea. Would like to see more recycling within the community and surrounding communities.; nonprofit organizations; Lots of store, so we can work; and Veteran Hospital, another restaurant, auto repair shop, or Auto part store.

15. In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

	Strongly Promote	Promote	Take No Action	Discourage	Strongly Discourage
Environmental Preservations	62 48%	54 42%	12 9%	1 1%	0 0%
Farmland Preservation	49 38%	60 47%	15 12%	4 3%	1 1%
Industrial Development	31 2S%	64 52%	22 18%	5 4%	2 2%
Residential Development	61 47%	49 38%	17 13%	2 2%	0 0%
Commercial Development	46 36%	60 47%	18 14%	4 3%	0 0%
Recreational Facilities	71 55%	47 37%	9 7%	1 1%	0 0%
Tourism Development	58 45%	54 42%	13 10%	3 2%	1 1%
Employment Opportuniities	90 70%	29 22%	8 6%	2 2%	0 0%
Youth Recreational Center/Activities	81 63%	35 27%	12 9%	1 1%	0 0%
Senior Citizen Center/Programs	85 68%	30 24%	8 6%	2 2%	0 0%

9 Comment(s)

15. In planning for future development, Fort Defiance Chapter Officials should "strongly promote" Employment Opportunities (70% or 90 respondents); Senior Citizen Centers/Programs (68% or 85 respondents); Youth Recreational Centers/Activities (63% or 81 respondents); both Small Business and/or Economic Development and Educational Institutional Development (60% or 78/73 Respondents); Environmental Preservations (48% or 62 respondents); Residential Development (47% or 61 respondents); and Tourism Development (45% or 58 respondents). While viewing the charts a high percentile agreed to "strongly promote" and "promote" a majority of the categories listed, however, only 1 responded as strongly discourage[d]" for Tourism Development.



17. From the list below, please check the most important issues and or concerns that you feel currently face the Fort Defiance Chapter/community. (check as many as possible)

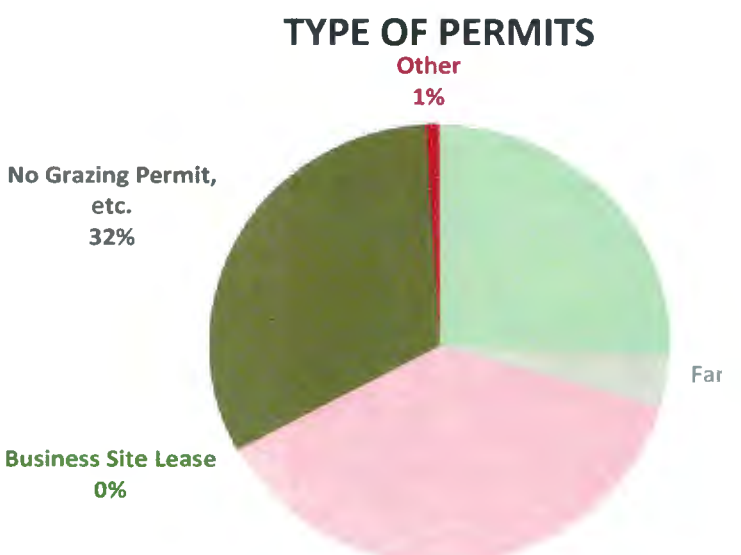
	Number of Response(s)	Response Ratio
Amount of development in the Fort Defiance community as a whole.	89	70.6%
Loss of farmland and/or agricultural activities.	60	47.6%
Environmental degradation in the community (i.e., erosion, storm water run	83	65.8%
Community Services & Facilities (i.e., police, fire, ambulance services, etc)	91	72.2%
Recreational Opportunities	81	64.2%
Schools and/or Higher Education Institutions	81	64.2%
Crime	99	78.5%
Available and/or Affordable Housing	87	69.0%
Other	19	15.0%
Total	126	100%
8 Comment(s)		

17. Fort Defiance residents stated the following most important issues and/or concerns that is facing their community; 1) Crime (78% or 99 respondents); 2) Community Services & Facilities (i.e., police, fire, ambulance services) (72.2% or 91 respondents); 3) Amount of Development in the Ft Defiance Community as a whole (70.6% or 89 respondents); 4). Available and/or Affordable Housing (69.0% or 87 respondents); 5) Environmental Degradation in the Community (erosion, storm water run-off, etc.) (65.8% or 83 respondents); and 6) both Recreational Opportunities & Schools and/or Higher Education Institutions (64.2% or 81 respondents). A high percentage or majority of the potential issues and concerns all rated above 65 percent with the loss of farmland and/or agricultural activities was ranked the lowest but still managed to pull in 47.6% or 60 respondents. **Comments included:** lack of office space/storage;

roads; Aging Program, Veteran Hsg; Veterans Housing; Veterans & Elder Housing; 911 Police/Ambulance/Emergency; Veterans' Housing - Elderly Home; Energy Efficient Programs; Safe Securities; Road Improvement, strippin & signing; Trash dumping/illegal all over; Animal Shelters; Water, electricity, home repair & addition; Electricity, water & repairs; Home, electricity & water; Water, electricity, home repairs; Fort Defiance needs a Police Station; Veteran's Cemetery; Student's Tuition.; The lack of policy or enforcement to prevent blight, maintenance of roads and streets are very important issues that needs to be addressed; "100 year flood control. Big problem n no one is talking about it. A lot of us r in flood areas i.e.: new hospital n high school n several homes. Water run off after a rain storm is bad n scary. Please study the Army Coor of Engineering study on the 100 year flood. Veteran housing is needed. Red tape is terrible NTUA services r too slow. Too many chiefs or too many steps created to make it hard for people to get services. It takes months. Cost of service is outrageous."; FD can become a major community, has all the local resources & connections. Chapter needs to develop a sound financial plan & hire someone to start looking for resources or groups to sponsor projects, etc. Research private foundations, off rez business that want to expand, etc. Also, have many skilled manpower (welders, carpenters, labors,etc).; Tear down ALL abandoned homes & structures.; Open the track for the public. Not safe to walk along the roads around here. We used to be able to use track but now it locked can't get in. And no one is use it.; The Community needs various technical courses building.; after school programs for kids of all ages, suicide prevention hotline, Navajo culture classes at chapter; and Illegal dumping, trash animals, illegal wood hauling, illegal alcoholic beverages consumption/dumping bottles.

22. Do you hold any land use leases or permits? Indicate which type and Areas (See Map, numbers "1" though "5."

	Number of Response(s)	Response Ratio
Grazing Permit (Indicate Area in Comment Section Below)	32	28.3%
Farming Permit (Indicate Area in Comment Section Below)	5	4.4%
Housing Lease (Indicate Area in Comment Section Below)	47	41.5%
Business Site Lease (Indicate Area in Comment Section Below)	0	0.0%
No Grazing Permit, Farming Permit, Housing or Business Leases.	40	35.3%
Other	4	3.5%
Total	113	100%
30 Comment(s)		



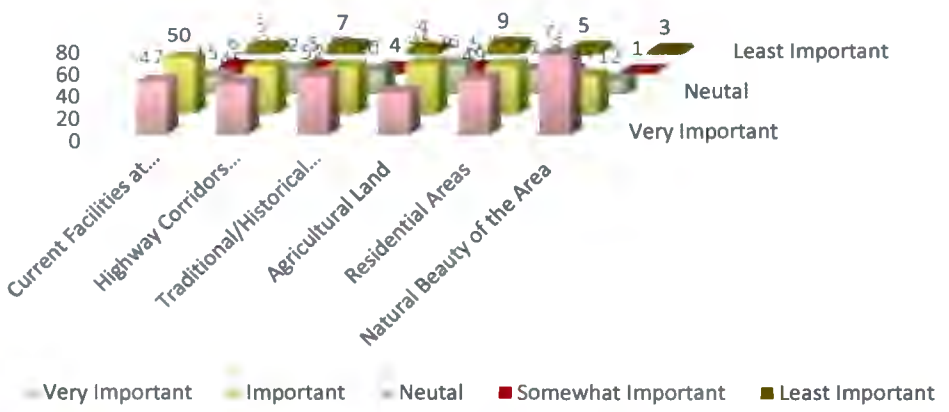
22. Base on the map provided, community members of Fort Defiance recorded they held land use leases or permits in the following ranking order; 1) Housing Leases (41.5% or 47 respondents); 2) Grazing Permits (28.3% or 32 respondents); 3) Farming Permits (4.4% or 5 respondents) and 4) Business Site Lease (0% or 0 respondents). A majority stated they had leases and/or permits in Area "4" and Area "1". **Comments included**: I am a homeowner in Pigeon Springs. Not sure if that includes or implies homesite lease since part of this NHA housing area is public housing; Goat Springs (3); There are no permits left for a young generation. I want to farm and build a house but according to the land office there is no land available; Chapter needs to establish its own community development office to have this information for future planning purpose; All these leases and permits need to be updated. I see area that used to be farmed or grazed, and now there is nothing going on there. Abandoned and housing not being used. Let's get these areas back so there is development; The red tape and YEARS of obtaining a Homesite lease is absolutely ridiculous!!; Sun Valley acres. NHA; No because I'm still residing on my parents housing lease; Process has been time consuming, therefore, I gave up. Also, at one point in the process of applying for a home site I was informed that there was no land available? And Working on Probate for land lease.

25. Please check the following selection with 1-being the most important to 5-least important. What is best about Fort Defiance's land development purposes right now?.

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Very Important	2 - Important	3 - Neutral	4 - Somewhat Important	5 - Least Important
Current Facilities at Fort Defiance /surrounding communities.	47 38%	50 41%	15 12%	6 5%	5 4%
Highway corridors available for development.	45 37%	43 35%	22 18%	5 4%	7 6%
Areas of traditional and historical importance.	52 43%	42 34%	20 16%	4 3%	4 3%
Agricultural Land.	37 30%	45 37%	26 21%	5 4%	9 7%
Residential Areas.	49 40%	44 36%	21 17%	3 2%	5 4%
Natural Beauty of the Area.	72 59%	34 28%	12 10%	1 1%	3 2%

3 Comment(s)

Potential Land Development Purposes



25. Respondents ranked the Fort Defiance's land development purposes as "very important" were 1) natural beauty of the area (59% or 72 individuals); 2) residential areas (49% or 40 individuals); 3) current facilities at Fort Defiance/surrounding areas (38% or 47 respondents);4) Highway corridors available for development (37% or 45 respondents); and Agricultural Land (30% or 37 respondents). Agricultural Land was also considered the "least important" at 7% or 9 respondents. **Three comments** were "History of Fort Defiance. Rural Addressing is so important n FD needs to do asap. Ambulances n fire trucks n police can't find our homes."; FD is a very beautiful place & historical landmark for Navajo people. FD can attract business for its location, resources and manpower. People are waiting for development & improvement...especially our youth. Need a survey on type of skills people have to help the Chapter in the future. Get everyone involved, promote with a slogan & people will move in the right direction. Need to keep some of the revenue in the community instead of border towns.; and over the last 15 years the quality of the community has really deteriorated and it's very unfortunate to witness and live with.

26. Please rank, with (1) being the Most Important; (2) Neutral; and (3) being the Least Important; the three most important improvements that could be made to the Chapter's land area:

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Most Important	2 - Neutral	3 - Least Important
Develop more home-sites.	66 62%	23 21%	18 17%
Preserve agriculture (while developing other areas).	35 36%	37 38%	25 26%
Develop a better utility system.	62 61%	26 26%	13 13%
Commercial, Economic or Industrial Development.	58 55%	33 31%	15 14%
Housing (Scattered or Clustered)	49 48%	35 34%	18 18%
Public Service Facilities (Hospital, Police/Fire Stations, etc.)	77 68%	21 19%	15 13%

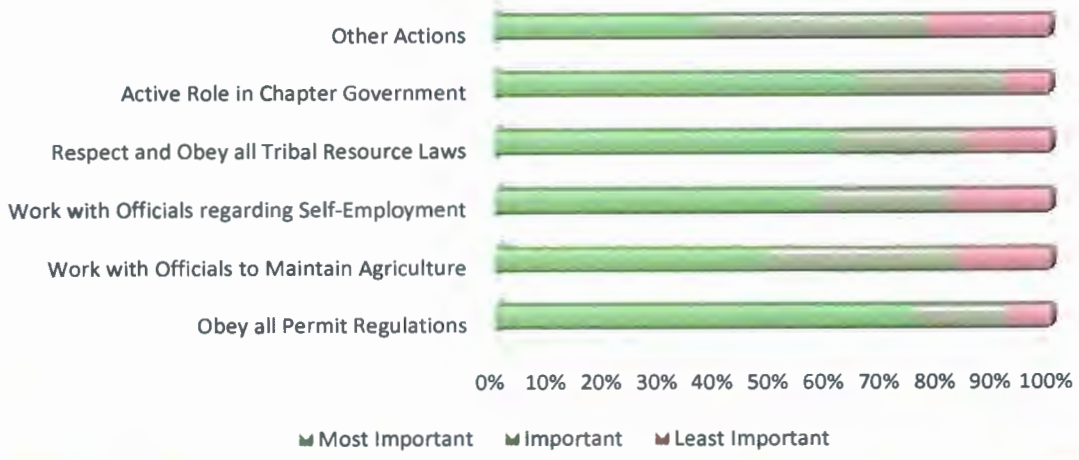
5 Comment(s)

26. The three most important improvements that Fort Defiance Chapter should consider based on 131 respondents are as follows, 1) Public Service Facilities (hospital, police/fire stations, etc.) (68% or 77 respondents); 2) Develop More Home Sites (62% or 66 respondents); and 3) Developing a Better Utility System (61% or 62 respondents). The least two items that were considered "least important" are Preserving Agriculture (26% or 25 respondents) and Develop More Home-Sites & Housing (18% or 18 respondents). **Comments include** Need new cemetery; Bring in high technology to FD, including solar energy, etc. FD can have their own housing or property office to process application, etc. Connect more with County & State & Federal offices for services; MVD, DES, transportation, fire/rescue, etc.; Police is the most important. My area has had four drunk drivers crash at our intersection; where old FD Hospital was located, tear down old houses there and build new ones or nice apt complex for young families; and Police.

29. Please rank, with (1) being the most important, the top three actions that individuals households and families can take to improve the Fort Defiance community.

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Most Important	2 - Important	3 - Least Important
Obey all permit regulations.	80 75%	18 17%	9 8%
Work with Officials to maintain agriculture.	43 49%	30 34%	15 17%
Work with Officials regarding self-employment.	53 58%	22 24%	17 18%
Respect and obey all Tribal resource laws.	68 62%	25 23%	17 15%
Take an active role in Chapter government, programs, development & projects.	68 65%	27 26%	9 9%
Other Actions (please list in Comment Section below)	7 35%	7 35%	6 30%
9 Comment(s)			

Potential Important Improvements for Households & Family to Improve Fort Defiance



29. The top three actions that 131 Fort Defiance's individual households and families can take to improve the Fort Defiance community that are considered "most important" are 1) Obey all permit regulations (75% or 80); 2) Respect and obey all Tribal resource laws (62% or 68 respondents); 3) Take an active role in Chapter government, programs, development & projects (68% or 68 respondents); 4) Work with Officials to maintain agriculture (49% or 43 respondents) and 5) Work with Officials regarding self-employment (49% or 43 respondents). **Nine additional comments** provided were Monthly or Biweekly clean up groups; FD community people need to support projects that will improve & expand opportunities for themselves & future generations. All need to follow rules & regulations to keep community safe. Chapter needs to find a good way to communicate with its people - newsletter, radio, flyers, website, social media, etc. Have good productive meetings & have expectations, deadlines, timelines to complete projects. Need input & involvement from everyone (elder to youth) to get the buy-in. Create Win-Win plan; pride in the community; I currently do not participate in chapter activities because I do not speak or understand Navajo. Yes I am Navajo but I should not ever be ridiculed for not knowing my native language. And that is what happens when you go to these meetings, they make you feel like a lower-class citizen; Start helping with decreasing pet population and deaths by spay/neuter and vaccinations; Better, more active Officials; make police to cover huge area; get an education/degree in an occupation that they enjoy and could contribute to our community, we need help in all areas of expertise; and Veteran Resources.

7.4 Goals and Objectives:

Goals, Objectives & Strategies

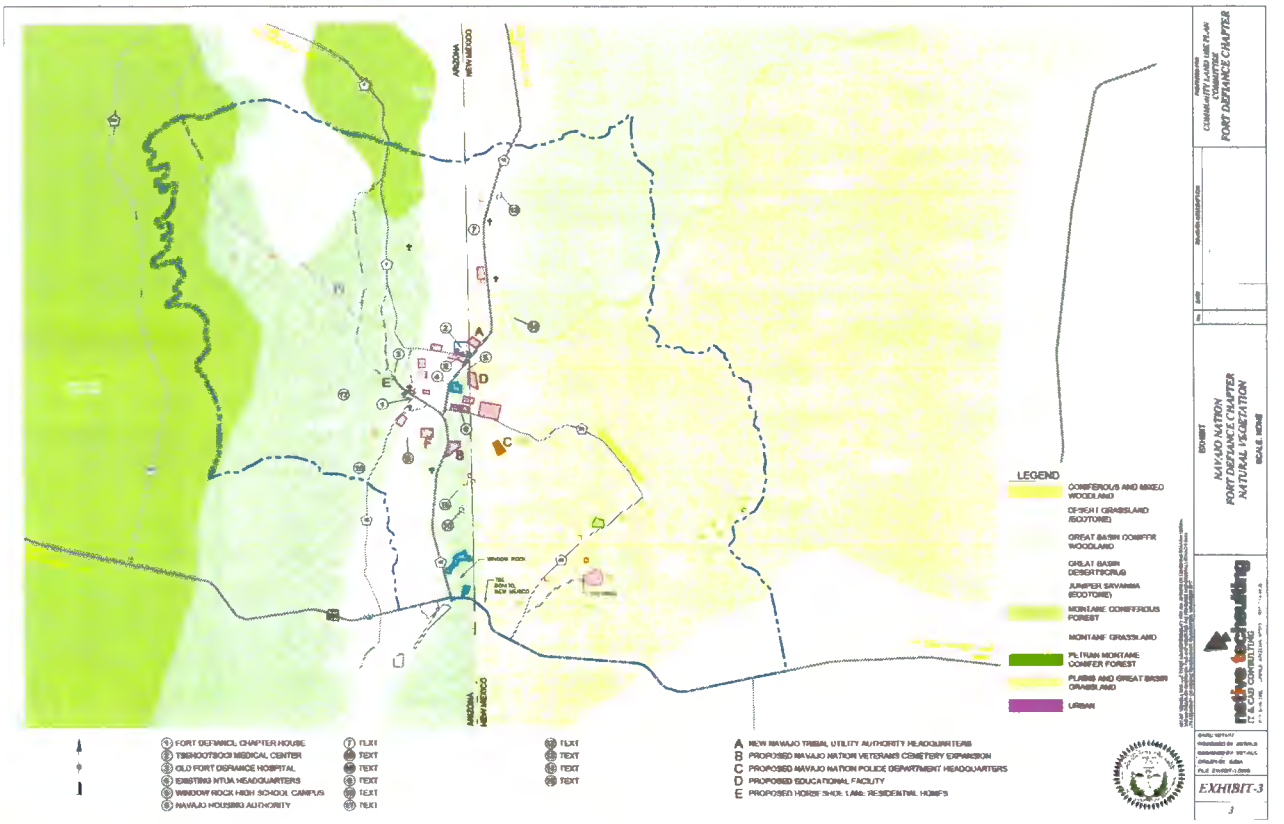
Goal A:	**To maintain and expand the Fort Defiance Chapter Government's community's Agricultural base.**
1.	Ensure that rural community character is maintained through balanced land uses and quality development.
2.	Consider the effects of land use planning and development on the viability of existing agricultural operations.
3.	Encourage reintroduction of agricultural activities on land that is not currently farmed.
4.	Determine agribusiness enterprise opportunities as part of an overall economic development strategy.
5.	Support the development of a local farm board (non-profit).
	Strategies/Actions
1.	Inventory all active agricultural lands and current ownership.
2.	Continue to expand the Community Garden initiative.
3.	Contact landowners who have agricultural land not in use to determine the viability of reintroducing agricultural activities.
4.	Determine the availability of additional water resources to support expanded agricultural activities.
5.	Invite agricultural entities such as New Dawn, Navajo Nation Department of Agriculture, etc. to provide community members presentations and conduct demonstrations on farming, etc.
6.	Assist Chapter to develop a plan for the usage of the Agriplex Building (6.5 acres).

7. Encourage local farmer owned and operated produce markets and stands with local farm produce within the agricultural areas of the Chapter that sell locally-grown farm products by working with local Dine Chambers of Commerce and agricultural groups.

Goal B: **Establish an agricultural education program to educate the youth and community about traditional Navajo farming, introducing new agricultural products while reducing overgrazing.**

1. Assist the Chapter to create small farm plots for educational purposes and to coordinate a local farmers market.
2. Support the Chapter's organic food initiatives which will promote a healthy life style.
3. Support the Chapter's goals of producing, processing of medicinal plants.
4. Submit a chapter resolution to the BIA & U.S. Department of Agriculture to enforce overgrazing.
5. Work with property owners and local law enforcement to find solutions to illegal dumping on agricultural properties such as offering free trash drop-off days and increase penalties for illegal dumping.

7.5 Fort Defiance Natural Vegetation Map (Exhibit 21):



Fort Defiance Chapter's

8.0 Infrastructure Development Element's Goals & Objectives

8.1 Infrastructure Development Purpose Statement: The Infrastructure Element covers existing conditions, issues and goals, objectives, policies and actions related to water facilities and service, wastewater collection and treatment, water reclamation and storm water collection facilities.

8.2 Infrastructure Development Element Overview:

The timely expansion of Agricultural, Livestock, Portable water and Wastewater protection Facilities and Services will enable growth to occur in a well-planned manner. Ft. Defiance's community is intent on promoting a quality environment for its residents, workers, and visitors also, in doing so, recognizes the needs to work with local and regional partners. Fort Defiance Chapter's community also understands the precious commodity of water, practicing sound water management. This plan will assist the community make decision regarding:

- ✓ Allocation of resources for utility extensions and maintenance.
- ✓ Location of new facilities related to utilities and buildings.
- ✓ Planning for new building projects and community growth.

Navajo Tribal Utility Authority (NTUA) provides electric, water, wastewater, natural gas, solar energy, and Choice communications for the great Navajo Nation, including Ft. Defiance, Arizona. Most waste water generated in the community of Fort Defiance is treated in the NTUA facility in Window Rock, AZ; however, some development relies on septic tank/leech field systems. Although there is an availability of natural gas in the Ft. Defiance area, most residents still depend on utilizing propane gas from various local vendors. Due to the remoteness of several community members, cable television,

landlines, and internet are not available, however, rely on satellite services from Wildblue, NTUA, etc.

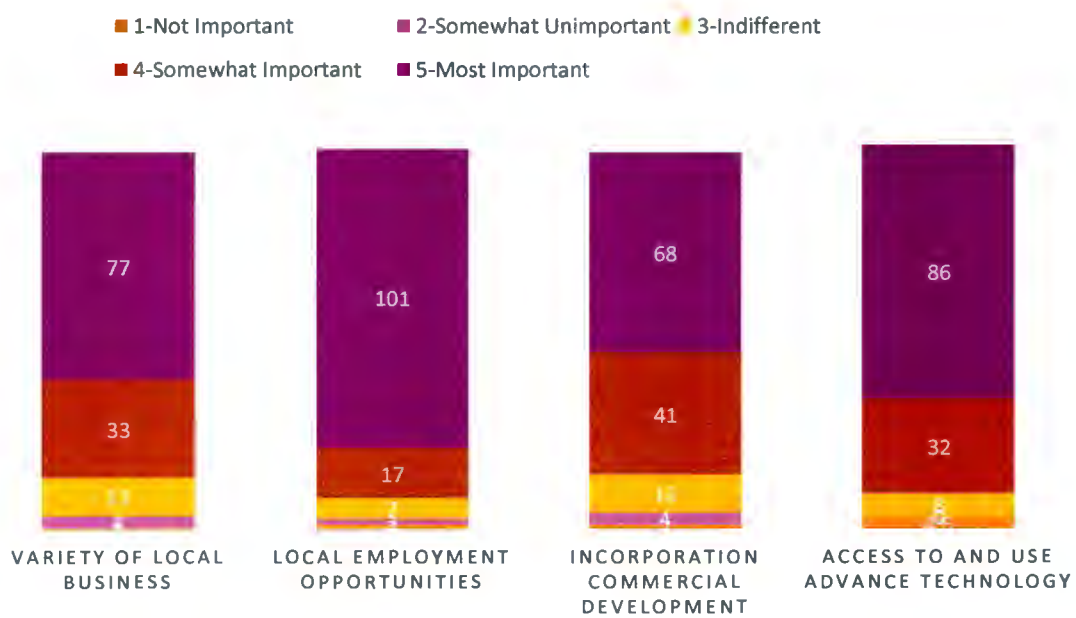
Frontier Communications Corporation is a leading provider of data, video and voice services to commercial and consumer customers. Frontier Communications provides satellite, telephone, and broadband service. There are various other telephone service is available through private cellular companies, such as NTUA, AT&T, and Cellular One.

Although the central area of the community of Fort Defiance is well serviced by utilities, services in most of the chapter in the outline area. Chapter members have expressed a demand for road improvements and access to basic utilities.

8.3 Community Land Use Plan (CLUP) Community Survey Results:

5. Please rank the ECONOMY statement below on a scale of 1 to 5 regarding the importance of Fort Defiance's Economy to you. (1 = Not Important to 5 = Most Important)

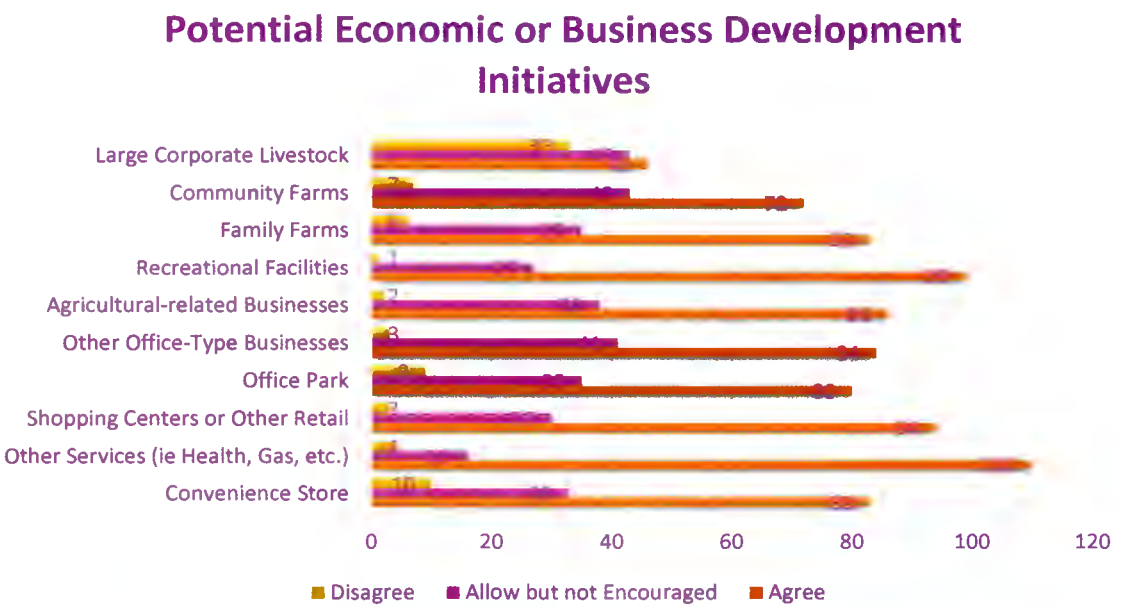
Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1-Not Important	2-Somewhat Unimportant	3-Indifferent	4-Somewhat Important	5-Most Important
Variety of local businesses?	1 1%	4 3%	13 10%	33 26%	77 60%
Local employment opportunities?	2 2%	2 2%	7 5%	17 13%	101 78%
Incorporating commercial development into appropriate community design?	2 2%	4 3%	13 10%	41 32%	68 53%
Access to and use advances in technology?	2 2%	0 0%	8 6%	32 25%	86 67%



5. Community members ranked the following Economic issues such as increasing the "variety of local businesses" as somewhat and most important factors (77 or 60% approval rating); addressing "local employment opportunities" was ranked very high at seventy-eight percent (78% or 101 respondents); "incorporating commercial development into appropriate community design" scored a fifty-three percent (53% or 68); and "access to and use advances in technology" scored a sixty-seven percent (67% or 86 respondents).

13. What type of economic or business development initiative do you think Fort Defiance community needs?

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Agree	Allow but Not Encouraged	Disagree
Convenience Store	83 66%	33 26%	10 8%
Other Services (ie health, gasoline, restaurant, etc)	110 85%	16 12%	4 3%
Shopping Centers or Other Retails	94 74%	30 24%	3 2%
Office Parks	80 65%	35 28%	9 7%
Other Office-Type Businesses	84 66%	41 32%	3 2%
Agricultural-related Businesses	86 68%	38 30%	2 2%
Recreational Facilities (ie youth centers or multi-purpose buildings)	99 78%	27 21%	1 1%
Family Farms	83 67%	35 28%	6 5%
Community Farms	72 59%	43 35%	7 6%
Large Corporate Livestock Farms	46 38%	43 35%	33 27%
11 Comment(s)			

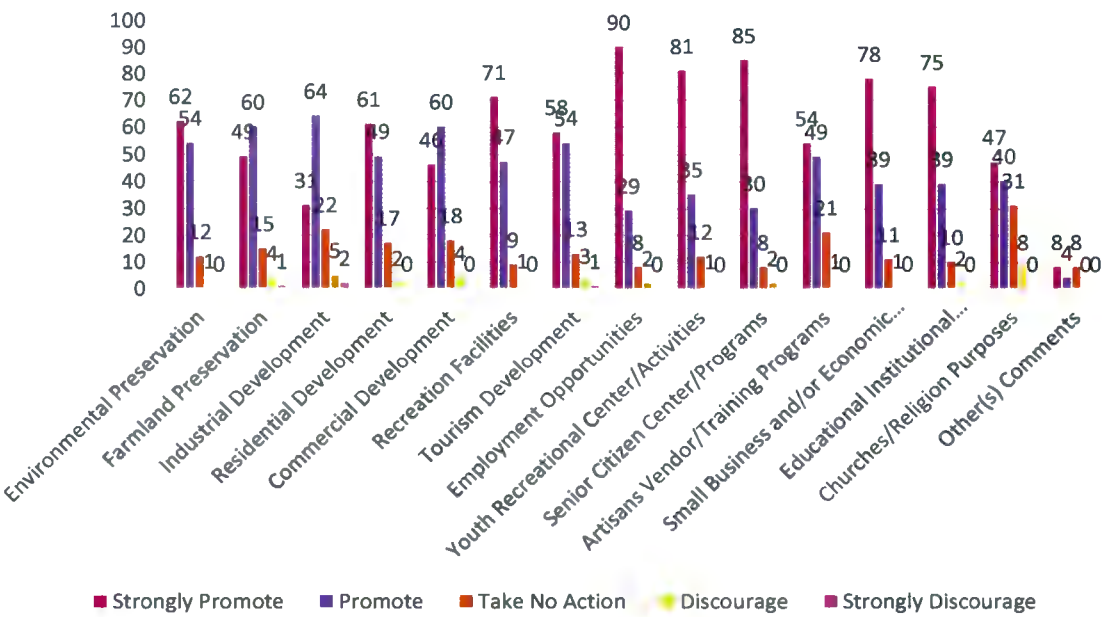


13. The Fort Defiance community "agree[s]" the following top six (6) economic and/or business development initiatives: Convenience Store (66% or 83 respondents); Other Services (i.e., health, gasoline, restaurant, etc.) (85% or 110 respondents); Shopping Centers or other retail outlets (74% or 94 respondents); Recreational Facilities (i.e., youth centers or multi-purpose buildings) (78% or 99 respondents); Agricultural-related businesses (68% or 86 respondents) and Family Farms (67% or 83 respondents). Overall, community members "agree" and "allow but not encouraged" averaged very high in all potential economic and business development initiatives while 27% of the respondents "disagree" with large corporate livestock farms followed by convenience store 8%. Large Corporate Livestock Farms and Community Farms both were ranked at (35% or 43 respondents), Agricultural-related Businesses (30% or 38 respondents) and Other Office-Type Business (32% or 41 respondents) ranked in the high percentile as "allow but not encourage." **Comments included:** Need a multiplex movie theatre, concert venue, community center; In all my life living here, there is still no recreation for kids. Not all kids are athletes. We need parks we need picnic areas where youth and families can chill. We need a skate park that will not shut down at 5 pm but stay open until 10 pm. We need to use county resources for our youth or else they will all leave for places with better quality of life; Business opportunity for community members who r willing n anxious to excel n make a good life. Help us succeed in our effort to make the best better. Need assistance in start-up of businesses n encouragement by the local leaders. Listen to the people. Presently the leaders have no respect for the people who want to make improvements in their lives. HELP IS REQUESTED. Thanks for reading my comment; Navajo history museum, public parks, river walkways, bike trails, walking trails, more landscaping, grocery store, bank, laundromat, apartments for workers, tourist information center, vendor village, tire shop, etc.; Redevelopment of the Number Streets. 8th street and around the fire station.; Ft Defiance is a prime area for growth. To stimulate the economy. Open up more fast food establishments. Wind and Solar energy could be used more. We have vast amounts of unused land. A family park would be nice, to encourage family exercise, or a place to cookout. A sense of Pride in Our Community is lacking.; Too much of the land is used for livestock and customary use. The Chapter will never change unless it uses eminent domain to acquire some of these lands. Living in the Chapter is like living in a feudal state with land barons.; I like the Community Farms idea. Would like to see more recycling within the community and surrounding communities.; nonprofit organizations; Lots of store, so we can work; and Veteran Hospital, another restaurant, auto repair shop, or Auto part store.

15. In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

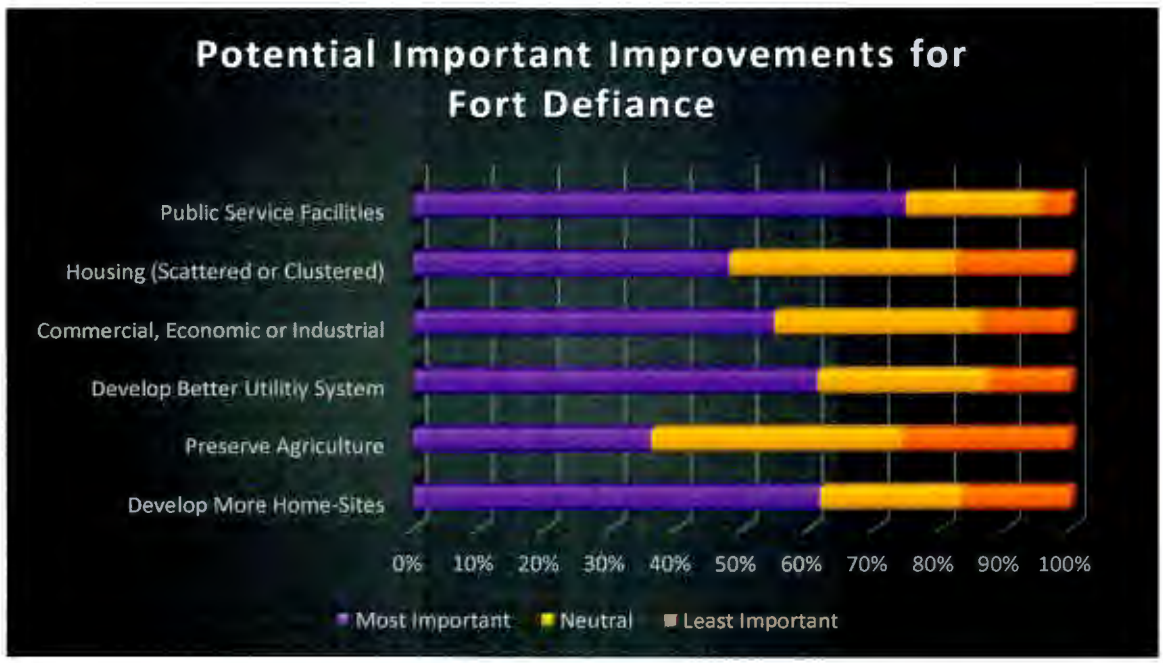
	Strongly Promote	Promote	Take No Action	Discourage	Strongly Discourage
Environmental Preservations	62 48%	54 42%	12 9%	1 1%	0 0%
Farmland Preservation	49 38%	60 47%	15 12%	4 3%	1 1%
Industrial Development	31 25%	64 52%	22 18%	5 4%	2 2%
Residential Development	61 47%	49 38%	17 13%	2 2%	0 0%
Commercial Development	46 36%	60 47%	18 14%	4 3%	0 0%
Recreational Facilities	71 55%	47 37%	9 7%	1 1%	0 0%
Tourism Development	58 45%	54 42%	13 10%	3 2%	1 1%
Employment Opportunities	90 70%	29 22%	8 6%	2 2%	0 0%
Youth Recreational Center/Activities	81 63%	35 27%	12 9%	1 1%	0 0%
Senior Citizen Center/Programs	85 68%	30 24%	8 6%	2 2%	0 0%

9 Comment(s)



15. In planning for future development, Fort Defiance Chapter Officials should "strongly promote" Employment Opportunities (70% or 90 respondents); Senior Citizen Centers/Programs (68% or 85 respondents); Youth Recreational Centers/Activities (63% or

81 respondents); both Small Business and/or Economic Development and Educational Institutional Development (60% or 78/73 Respondents); Environmental Preservations (48% or 62 respondents); Residential Development (47% or 61 respondents); and Tourism Development (45% or 58 respondents). While viewing the charts a high percentile agreed to "strongly promote" and "promote" a majority of the categories listed, however, only 1 responded as strongly discourage[d]" for Tourism Development.



26. Please rank, with (1) being the Most Important; (2) Neutral; and (3) being the Least Important; the three most important improvements that could be made to the Chapter's land area:

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Most Important	2 - Neutral	3 - Least Important
Develop more home-sites.	66 62%	23 21%	18 17%
Preserve agriculture (while developing other areas).	35 36%	37 38%	25 26%
Develop a better utility system.	62 61%	26 26%	13 13%
Commercial, Economic or Industrial Development.	58 55%	33 31%	15 14%
Housing (Scattered or Clustered)	49 48%	35 34%	18 18%
Public Service Facilities (Hospital, Police/Fire Stations, etc.)	77 68%	21 19%	15 13%
5 Comment(s)			

26. The three most important improvements that Fort Defiance Chapter should consider based on 131 respondents are as follows, 1) Public Service Facilities (hospital, police/fire stations, etc.) (68% or 77 respondents); 2) Develop More Home Sites (62% or 66 respondents); and 3) Developing a Better Utility System (61% or 62 respondents). The least two items that were

considered "least important" are Preserving Agriculture (26% or 25 respondents) and Develop More Home-Sites & Housing (18% or 18 respondents). Comments include Need new cemetery; Bring in high technology to FD, including solar energy, etc. FD can have their own housing or property office to process application, etc. Connect more with County & State & Federal offices for services; MVD, DES, transportation, fire/rescue, etc.; Police is the most important. My area has had four drunk drivers crash at our intersection; where old FD Hospital was located, tear down old houses there and build new ones or nice apt complex for young families; and Police.

8.4 Goals and Objectives:

Water and Wastewater

Goal A:	**To properly manage water, wastewater, and reclaimed water within the Fort Defiance community.**
1.	Foster micro-enterprise and economic diversification that increases revenues and promotes industries that is vital to the local community.
2.	Balance the desire to generate the highest possible return in land users with Cultural, Economic, and Environmental sustainability.
3.	Address the lack of adequate domestic water systems that's included in each of the five (5) development sites.
4.	Extend the existing sewer system to serve the Fort Defiance areas.
5.	Investigate and select small scale water-waste treatment systems for the remote areas of the Chapter.
6.	Explore other water sources for homes that are located far away from the water to obtain services.
7.	Assist the Chapter conduct a needs assessment within the community to determine the number of homes that require bathroom facilities and water lines for possible CDBG funding.
	Strategies/Actions
1.	Include funding for service expansion in the proposal for waste water treatment plant.
2.	Research, select and seek funding for small water-waste treatment systems.
3.	Support and/or advocate for the development and expansion of a community water system for the Coalmine, Blue Canyon, Goat Spring and Rabbit Brush areas.
4.	Support and/or advocate for the development of additional wells and current water supply.
5.	→ Identify an existing well that might be used for the water supply. → Have water in the well tested for contaminants, E.coli. → Coordinate Fort Defiance community water system with the Indian Health Services and NTUA. → Seek funding to repair broken wells/wind mills.

→ Control high use of water.
→ Determine San Juan water allocation for the community when available.

6. Utilization of reclaimed water for construction usage from sewer lagoon.
   → Creation of 4th cell holding area
7. Support the assessment of Water Reserves within Fort Defiance community:
   a) Status of Earthen Dams/Water Spreader
   b) Status and Utilization of Windmills
   c) Fort Defiance Community Water Treatment Plant
   d) Identify other water waste treatment
8. Review and implement recommended strategies within the Flood Plain Study.
9. Identify all the windmills in the community that require maintenance repairs.

Drainage and Storm Water Management

Goal B: **To capture and convey storm water drainage in a safe and aesthetic manner.**

1. Coordinate with NRCS to plan and implement storm water improvements to protect life and property in the community.

Electricity

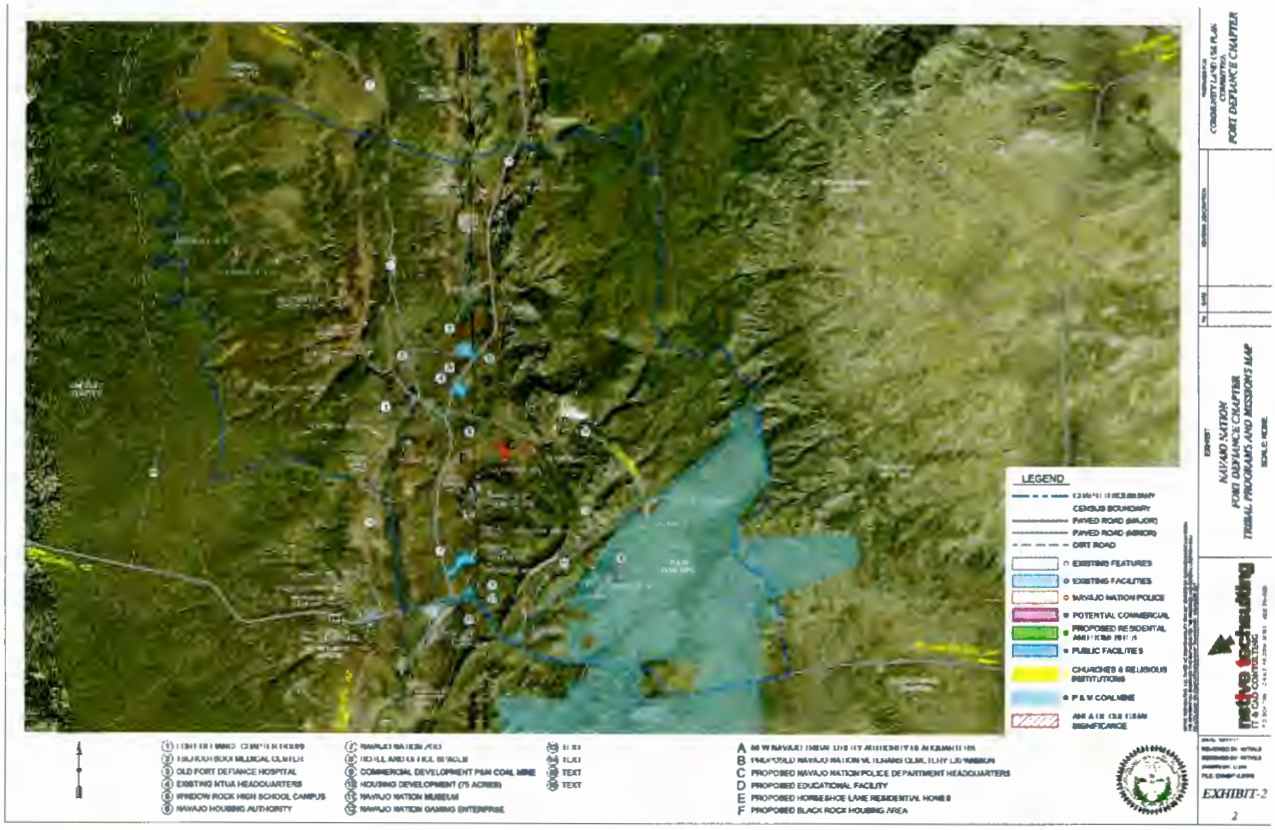
Goal C: **To coordinate with NTUA for electrical requirements/system to assure that the community, residents and commercial needs continues to advance due to growth.**

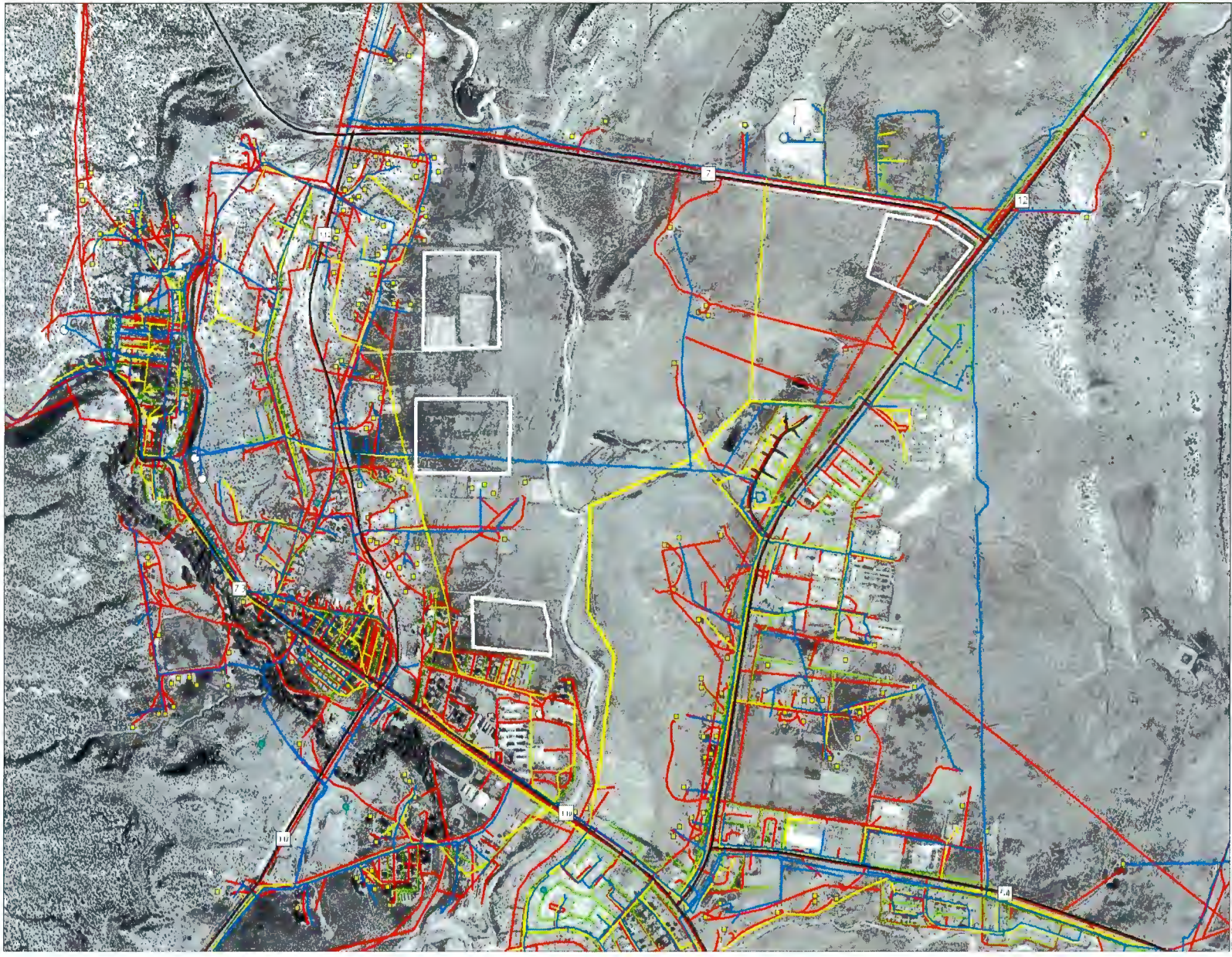
1. Assist Chapter conduct a needs assessment to address house wiring and electrical initiatives (powerline extension) for the community that will be included in the CDBG funding proposal.
2. Increase local promotion of renewable energy development, particularly windpower/windmills to provide water resources for livestock, residential and agricultural usages.
3. Seek from NTUA updated information on a periodic basis, such as surveys of current NTUA right-of-way, system maps, aerial photographs, and annuals reports.
4. Participate actively in coordinating economic development projects with NTUA.
5. Electrical service may not be adequate for new growth in the Fort Defiance vicinity.

Strategies/Actions

1. Address issues on existing lines that are not coordinated with future development and in some cases existing (ROW's) that interfere with efficient use of development sites.
2. Support the development of a long range plan for electrical service that will meet Fort Defiance's growth projects.
3. Continue to seek funding opportunities to finance future Utility expansion to meet growth.
4. Support the Chapter's Solar Power Street Light Project in the amount of $966,866.000 (CDBG & Chapter Funding) for 67 poles proposed for construction along N-110, N-12 & N-7.

8.5 Fort Defiance Tribal Programs Map (Exhibit 23):





Fort Defiance Chapter

Central Development Planning Area

Infrastructure Map

Legend

- Paved Roads
- Gravel Roads
- Potential Development Sites
- Water
- Sewer
- Gas
- Electric
- Home Sites

Water Resources

- Well
- Storage Tank

N

0.1 0 0.1 0.2 0.3 0.4 Miles

PAIKI
A Native American A/E Firm
11200 Lomas Blvd., NE Suite 100
Albuquerque, New Mexico 87112

Fort Defiance Chapter

Blue Canyon Area Development Planning Area

Infrastructure Map

NTUA Facilities Legend

- OH Electric
- UG Electric
- Sewer
- Water
- Gas
- FiberCable
- Street

N
W E
S

0.1 0 0.1
Miles

NTUA Facilities Map

Fort Defiance Chapter

Rabbit Brush Area Development Planning Area

Infrastructure Map

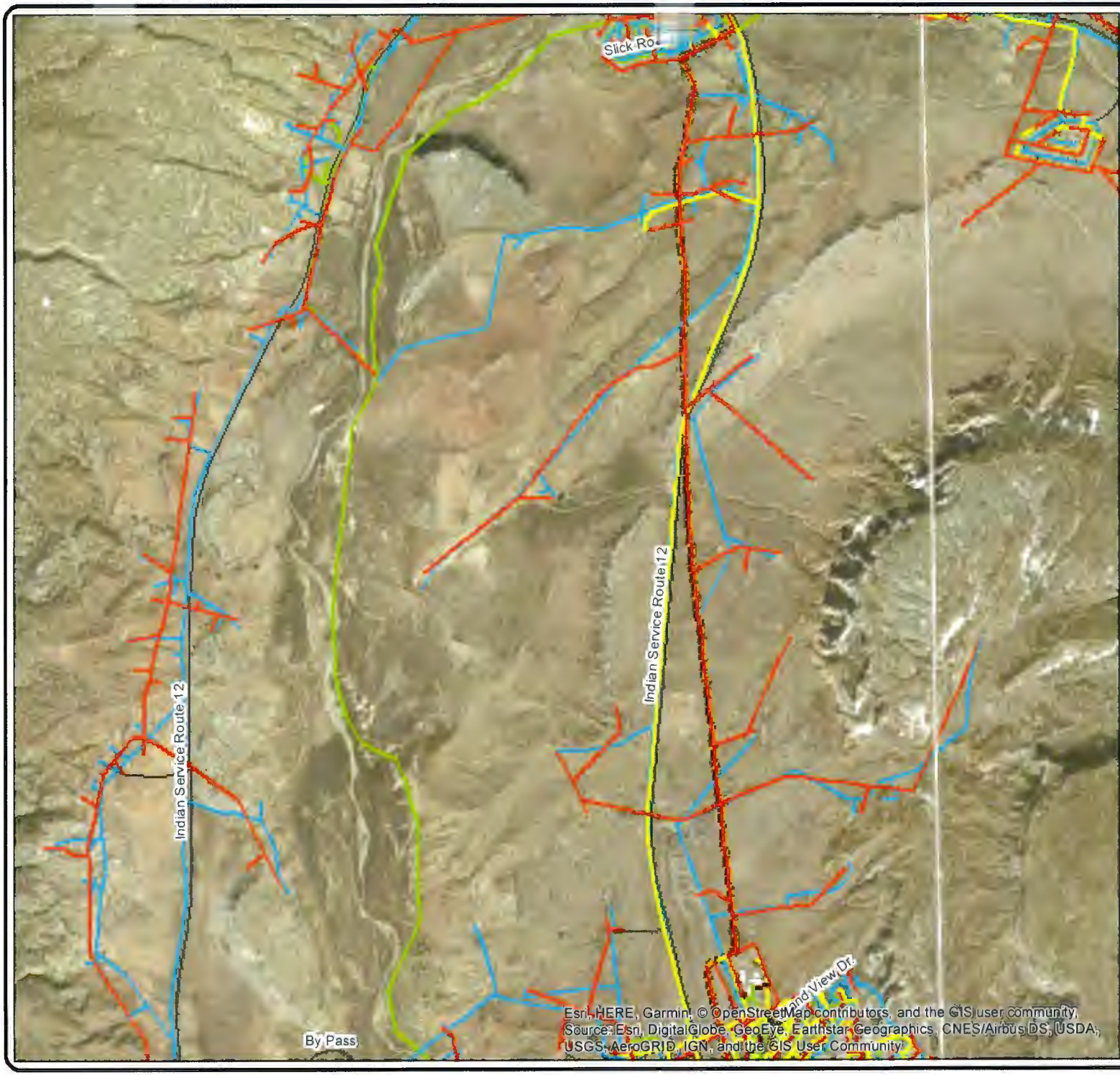
NTUA Facilities Legend

- OH Electric
- UG Electric
- Sewer
- Water
- Gas
- FiberCable
- Street

N
W E
S

0.25 0 0.25
Miles

NTUA Facilities Map



Fort Defiance Chapter

Goat Springs Area Development Planning Area

Infrastructure Map

NTUA Facilities Legend

- OH Electric
- UG Electric
- Sewer
- Water
- Gas
- FiberCable
- Street

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W E
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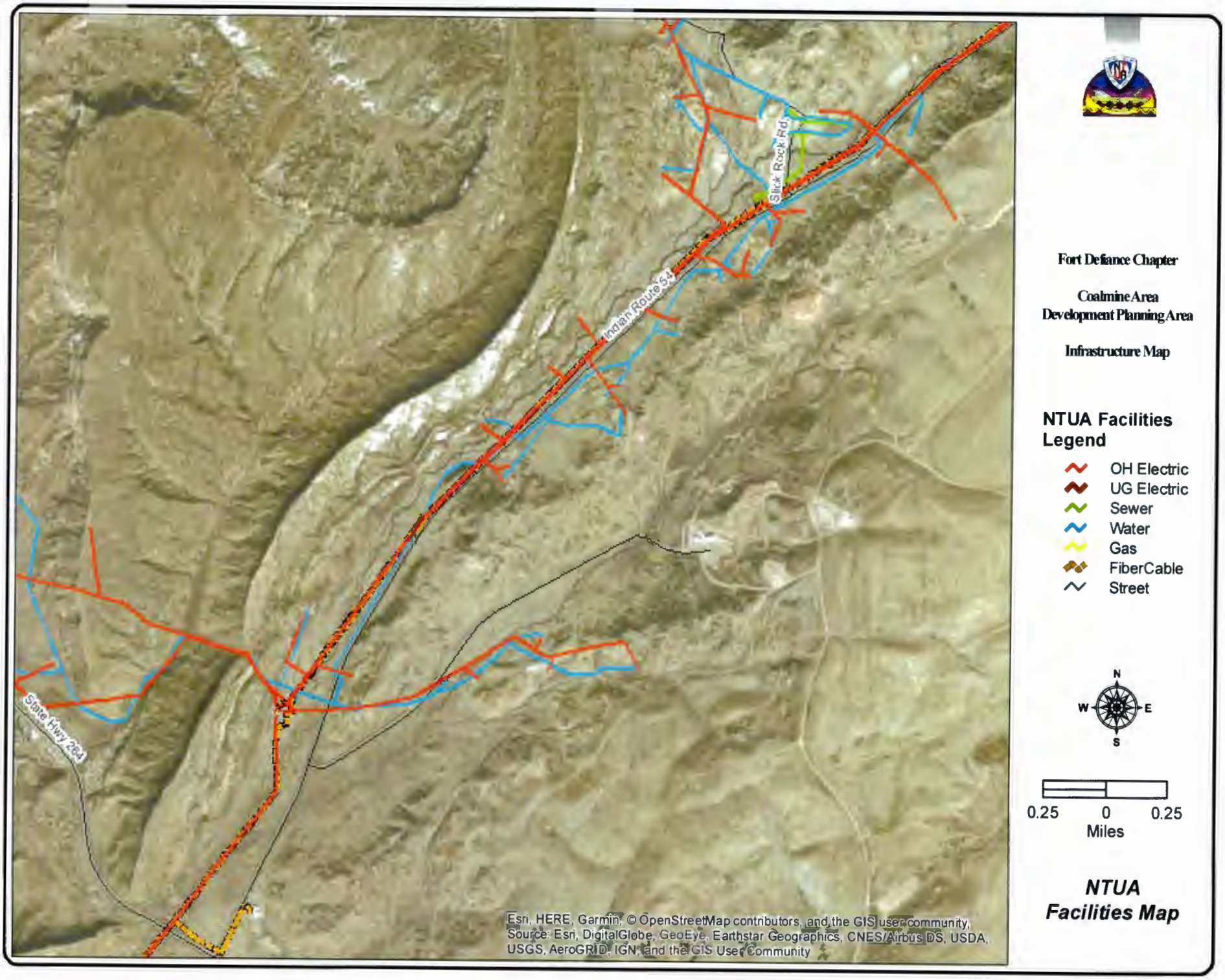
Miles

NTUA Facilities Map


Slick Rock Rd
Indian Route 54
State Hwy 264
Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Fort Defiance Chapter
Coalmine Area
Development Planning Area
Infrastructure Map
NTUA Facilities Legend
OH Electric
UG Electric
Sewer
Water
Gas
FiberCable
Street
N
W
E
S
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Miles
NTUA
Facilities Map

Fort Defiance Chapter's

9.0 Community Facilities Element's Goals & Objectives

9.1 Community Facilities Purpose Statement: The Community Facilities Element of the Comprehensive Plan serves to identify the existing public and non-public facilities of the communities; evaluate the area's potential for growth, development, or redevelopment; and project the community facilities needs of the future generation of Fort Defiance Chapter.

9.2 Community Facilities Element Overview: Community facilities are the summation of public and non-public infrastructure, property, structures, and spaces that are owned, maintained and operated for the benefit of the community members. Community facilities are essential to the quality of life for community members while providing educational, recreational, health, safety, and cultural enrichment. This element provides an overview of Fort Defiance Chapter community facilities, and seeks to identify the changes affecting these facilities in order to direct the goals and objectives that will guide growth for the next 20 years to include a Public Library, Museum, Bowling Alley and a golf court.

Fort Defiance Chapters community members indicated in the "Ft. Defiance Community Land Use Survey" conducted in 2017 that they desired to increase the quality and quantity of community services available to their community. Overall, the Chapter residents indicated the following programs/facilities

- ✓ Increase in police, fire and first response facilities;
- ✓ Local Senior/Elderly home;
- ✓ Community Development Corporation (non-profit);
- ✓ Increase in worship/mission options;

The Fort Defiance Chapter seeks to provide high-quality community facilities and services in a cost efficient manner, and address needs for future growth. To help the Chapter achieve this goal, this Community Facilities Plan evaluates existing community facilities and services within the Fort Defiance Chapter. It identifies community desires for services and provides realistic recommendations for addressing unmet and future needs. The Plan also discusses existing facilities and services that need improvement and identifies suitable locations for new facilities.

The Ft. Defiance's Community Facilities Element provides a guide for the Chapter to provide the community members with high-quality community facilities and services by

identify services community residents feel are lacking, and recommended appropriate development sites for potential new community facilities.

9.2.1 Inventory of Current Fort Defiance Facilities

Schools/Educational Institutions

Facility/Building(s)	**Service(s)**	**Location(s)**
Senior Citizen Center	Services provided at the facility include luncheons and social activities for Chapter seniors.	Adjacent to the Ft Defiance Chapter (N-112)
Navajo Nation Department of Youth Centers Boys & Girls Facility	Services provided by this facility include temporary employment placement for high school students, community service and after-school activities, support services, life skills and job training, tutoring, and GED, SAT and college preparation.	Intersection of N-112 and N-110 Route 110
Early Childcare Center	Earl childcare services.	Adjacent to the Ft Defiance Chapter (Intersection of N-112 and N-110)
School: *Pre-School Center*	Early pre-school services	R-110 across from Conoco Service Center
School: *Tse Ho Tso Primary Learning Center*	Elementary school for kindergarten to grade two.	Adjacent to the Ft Defiance Hospital along N-7
School: *Tse Ho Tso Intermediate Learning Center*	Elementary school for grades three (3) to five (5).	Adjacent to the Ft Defiance Indian Hospital on N-7
Elementary School: *Window Rock Elementary School*	Pre-Kindergarten to 5th Grade	Tribal administration complex
Middle School: *Tse Ho Tso Middle School*	Middle School (6th to 8th Grade)	Along N-110
High School: *Window Rock High School*	High School (9th to 12th Grade)	SR-12 North
Higher Education: *ITEP Training Center*	Institute for Tribal Environmental Professionals (ITEP) assist Native Americans in the management of environmental resources though effective training and education programs.	Campus of the Tse Hoo'Tsooi' Middle School

NAU Nursing Program	Higher educational courses	Good Shepherd Mission Fort Defiance, AZ
Higher Education: *Dine College*	Higher educational services. Day and Night Classes	Window Rock Administration
Northland Pioneer College	Night Classes	Window Rock High School
Navajo Technical University	Night Classes	Window Rock High School
Pre-School: *Tse Ho Tsooi (Headstart)*	Pre-school & head start program and services.	Fort Defiance

Recreational Facilities/Playground

Facility/Recreational	**Service(s)**	**Location(s)**
Asaayi Lake & Red Lake (vicinity)	Camp ground and Lake; provides camping, fireplaces, picnicking, fishing, etc.	Crystal, NM
Basketball: *Two outside basketball court*	Basketball activities.	Window Rock High School and NHA subdivision at Pigeon Springs subdivision
Baseball: *Three community baseball fields*	Baseball activities.	Located behind That's-a-Burger (north side of N-110
Wellness Center	Open to participants in diabetes program and general public.	Adjacent to Window Rock High School football field Tse Hoo Toosi Wellness Center

Religious Institutions/Missions

Churches	**Service(s)**	**Location(s)**
Our Lady of the Blessed Sacrament Catholic Church	Includes St. Dominic Hall and One Day at a Time Club.	Located at the entrance of Blue Canyon
Family Church Assembly of God	Bible services/worshipping.	North side of BIA Route 54
Navajo Bible Church	Community bible services and worshipping.	BIA Route 12
Presbyterian Church	Community bible services.	West of Conoco gas station on the northwest intersection of BIA Route 110 and BIA Route 12

St Marks	Community bible services	Coal Mine
The Door		Window Rock, AZ
Good Shepherd Mission	Also located within the Mission grounds are a cemetery, café, greenhouse, and the Ethel Cheney Memorial Building.	1. Behind the US Postal Office at intersection of N-110 and N-112 2. Chapel in Coal Mine Area
Potter House	Pentecostal Church.	Kit Carson Dr./Indian Rte 112, Ft. Defiance, AZ
Christ Family Church	Bible Churches are independent and nondenominational, whose purpose is to reach the lost with the gospel of Jesus Christ and build lives on the firm foundation of the Word of God.	Located Tunnel Spring, Ft. Defiance, AZ.
Old Path Baptist Church		Pigeon Spring
Cleveland's Church		RT 54

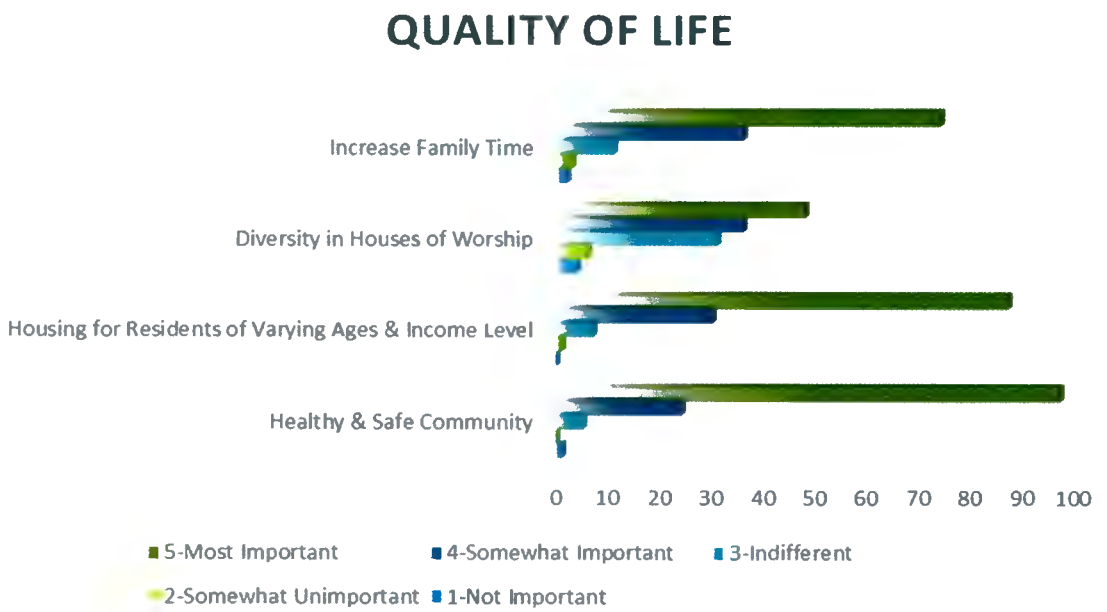
Administrative/Municipal Facilities & Services

Admin/Municipal	**Service(s)**	**Location(s)**
US Postal Office	Postal services for community.	Located at the intersection of N-110 and N-112.
Fire Protection Services	Fort Defiance does not currently have full-time fire protection services. A fire station is located behind the NTUA complex but this is staffed only when sufficient volunteer fire fighters are available.	The fire station in Window Rock, which provides the primary fire service to Fort Defiance residents,
Solid Waste Management	Ft. Defiance Chapter provides solid waste service through a waste transfer station.	The facility is currently located within the Chapter boundary.
Ft Defiance Chapter	Local LGA governance center.	
Agriplex	Community facility used for livestock auctions/activities.	Located along N-54 approximately two miles east of the Pigeon Springs subdivision
7.0 Building Complex	Several government programs of the Navajo Nation, BIA, and TMC are located within this complex.	East side of N-7 and north of N-54

9.3 Community Land Use Plan (CLUP) Community Survey Results:

2. Please rank the QUALITY OF LIFE statement below on a scale of 1 to 5 regarding the importance of the Fort Defiance's Quality of Life to you. (1 = Not Important to 5 = Most Important)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1-Not Important	2-Somewhat Unimportant	3-Indifferent	4-Somewhat Important	5-Most Important
Healthy & Safe Community?	1 1%	0 0%	5 4%	24 19%	97 76%
Housing for residents of varying ages and income levels?	0 0%	1 1%	7 6%	30 24%	87 70%
Diversity in houses of worship?	4 3%	6 5%	31 25%	36 29%	48 38%
Increase family time?	2 2%	3 2%	11 9%	36 29%	74 59%



2. The Quality of Life questions that allowed community members to rank the questions from 1-Not Important to 5-most important; for "health and safe community" approximately ninety-seven (97 or 76%) responded that it was "most important" to them. Eighty-seven (87 or 70%) stated that "housing for residents of varying ages and income levels" were most important; forty-eight (48 or 38%%) indicated that "diversity in houses of worship" was most important; while fifty-nine percent (59% or 74 respondents) recorded that an "increase in family time" was most important.

5. Please rank the ECONOMY statement below on a scale of 1 to 5 regarding the importance of Fort Defiance's Economy to you. (1 = Not Important to 5 = Most Important)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1-Not Important	2-Somewhat Unimportant	3-Indifferent	4-Somewhat Important	5-Most Important
Variety of local businesses?	1 1%	4 3%	13 10%	33 26%	77 60%
Local employment opportunities?	2 2%	2 2%	7 5%	17 13%	101 78%
Incorporating commercial development into appropriate community design?	2 2%	4 3%	13 10%	41 32%	68 53%
Access to and use advances in technology?	2 2%	0 0%	8 6%	32 25%	86 67%

5. Community members ranked the following Economic issues such as increasing the "variety of local businesses" as somewhat and most important factors (77 or 60% approval rating); addressing "local employment opportunities" was ranked very high at seventy-eight percent (78% or 101 respondents); "incorporating commercial development into appropriate community design" scored a fifty-three percent (53% or 68); and "access to and use advances in technology" scored a sixty-seven percent (67% or 86 respondents).

13. What type of economic or business development initiative do you think Fort Defiance community needs?

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Agree	Allow but Not Encouraged	Disagree
Convenience Store	83 66%	33 26%	10 8%
Other Services (ie health, gasoline, restaurant, etc)	110 85%	16 12%	4 3%
Shopping Centers or Other Retails	94 74%	30 24%	3 2%
Office Parks	80 65%	35 28%	9 7%
Other Office-Type Businesses	84 66%	41 32%	3 2%
Agricultural-related Businesses	86 68%	38 30%	2 2%
Recreational Facilities (ie youth centers or multi-purpose buildings)	99 78%	27 21%	1 1%
Family Farms	83 67%	35 28%	6 5%
Community Farms	72 59%	43 35%	7 6%
Large Corporate Livestock Farms	46 38%	43 35%	33 27%
11 Comment(s)			

13. The Fort Defiance community "agree[s]" the following top six (6) economic and/or business development initiatives: Convenience Store (66% or 83 respondents); Other Services (i.e., health, gasoline, restaurant, etc.) (85% or 110 respondents); Shopping Centers or other retail outlets (74% or 94 respondents); Recreational Facilities (i.e., youth centers or multi-purpose buildings) (78% or 99 respondents); Agricultural-related businesses (68% or 86 respondents) and Family Farms (67% or 83 respondents). Overall, community members "agree" and "allow but not encouraged" averaged very high in all potential economic and

business development initiatives while 27% of the respondents "disagree" with large corporate livestock farms followed by convenience store 8%. Large Corporate Livestock Farms and Community Farms both were ranked at (35% or 43 respondents), Agricultural-related Businesses (30% or 38 respondents) and Other Office-Type Business (32% or 41 respondents) ranked in the high percentile as "allow but not encourage." Comments included: Need a multiplex movie theatre, concert venue, community center; In all my life living here, there is still no recreation for kids. Not all kids are athletes. We need parks we need picnic areas where youth and families can chill. We need a skate park that will not shut down at 5 pm but stay open until 10 pm. We need to use county resources for our youth or else they will all leave for places with better quality of life; Business opportunity for community members who r willing n anxious to excel n make a good life. Help us succeed in our effort to make the best better. Need assistance in start-up of businesses n encouragement by the local leaders. Listen to the people. Presently the leaders have no respect for the people who want to make improvements in their lives. HELP IS REQUESTED. Thanks for reading my comment; Navajo history museum, public parks, river walkways, bike trails, walking trails, more landscaping, grocery store, bank, laundromat, apartments for workers, tourist information center, vendor village, tire shop, etc.; Redevelopment of the Number Streets. 8th street and around the fire station.; Ft Defiance is a prime area for growth. To stimulate the economy. Open up more fast food establishments. Wind and Solar energy could be used more. We have vast amounts of unused land. A family park would be nice, to encourage family exercise, or a place to cookout. A sense of Pride in Our Community is lacking.; Too much of the land is used for livestock and customary use. The Chapter will never change unless it uses eminent domain to acquire some of these lands. Living in the Chapter is like living in a feudal state with land barons.; I like the Community Farms idea. Would like to see more recycling within the community and surrounding communities.; nonprofit organizations; Lots of store, so we can work; and Veteran Hospital, another restaurant, auto repair shop, or Auto part store.

15. In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

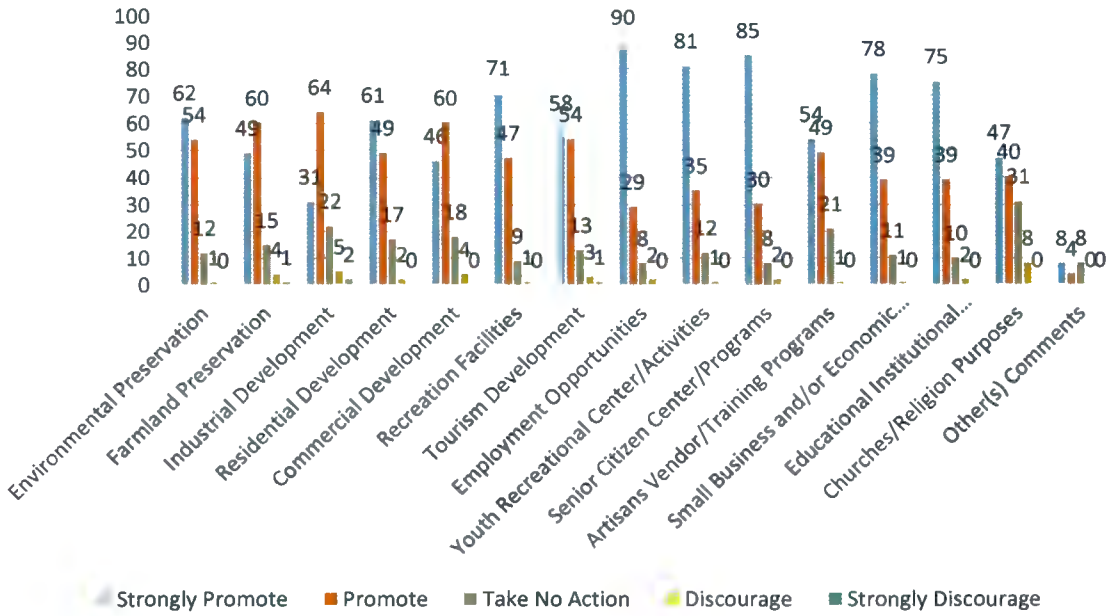
	Strongly Promote	Promote	Take No Action	Discourage	Strongly Discourage
Environmental Preservations	62 48%	54 42%	12 9%	1 1%	0 0%
Farmland Preservation	49 38%	60 47%	15 12%	4 3%	1 1%
Industrial Development	31 25%	64 52%	22 18%	5 4%	2 2%
Residential Development	61 47%	49 38%	17 13%	2 2%	0 0%
Commercial Development	46 36%	60 47%	18 14%	4 3%	0 0%
Recreational Facilities	71 55%	47 37%	9 7%	1 1%	0 0%
Tourism Development	58 45%	54 42%	13 10%	3 2%	1 1%
Employment Opportuniities	90 70%	29 22%	8 6%	2 2%	0 0%
Youth Recreational Center/Activities	81 63%	35 27%	12 9%	1 1%	0 0%
Senior Citizen Center/Programs	85 68%	30 24%	8 6%	2 2%	0 0%

9 Comment(s)

16. Continue: In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Strongly Promote	Promote	Take No Action	Discourage	Strongly Discourage
Artisan Vendor/Training Programs	54 43%	49 39%	21 17%	1 1%	0 0%
Small Business and/or Economic Development	78 60%	39 30%	11 9%	1 1%	0 0%
Educational Institutional Development	75 60%	39 31%	10 8%	2 2%	0 0%
Churches/Religion Purposes	47 37%	40 32%	31 25%	8 6%	0 0%
Other(s) Comment Below:	8 40%	4 20%	8 40%	0 0%	0 0%

4 Comment(s)

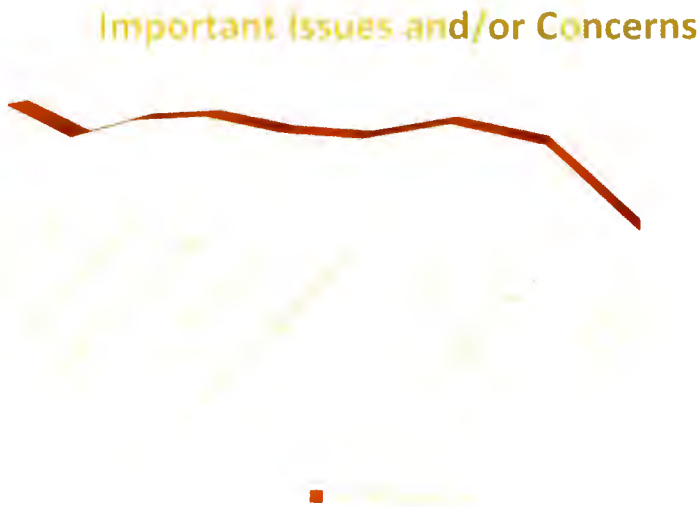


15 & 16. In planning for future development, Fort Defiance Chapter Officials should "strongly promote" Employment Opportunities (70% or 90 respondents); Senior Citizen Centers/Programs (68% or 85 respondents); Youth Recreational Centers/Activities (63% or 81 respondents); both Small Business and/or Economic Development and Educational Institutional Development (60% or 78/73 Respondents); Environmental Preservations (48% or 62 respondents); Residential Development (47% or 61 respondents); and Tourism Development (45% or 58 respondents). While viewing the charts a high percentile agreed to "strongly promote" and "promote" a majority of the categories listed, however, only 1 responded as strongly discourage[d]" for Tourism Development. Twelve other comments included 1) Fort Defiance Chapter seems to bias against certain age groups, people, and orientation. Need to have a civil right training and open to all walks of life; 2) Support more youth clubs or after school programs & more senior level activities to give back to the community. use college graduates to help plan & design a nice community. Investing in community is worth it & increases cohesiveness - project support or involve everyone during the planning process (buy

in). FD is an ideal place for more development based on population & access to major roads, hospital, offices, etc.; 3) Traditional Preservation, too Strongly Agree; 4) Again Navajo people make money so nothing or all for just low-income people; 5) Promote with the intention of not exceeding maintenance capability. I hate seeing brand new infrastructure with painted gang signs.; 6) pre-fabricated homes industry. Almost like a tiny home manufacturing plant; 7) Elderly Care needed in community; 8) Upgrade existing facilities; 9) Promote FD in the most positive way to entice business development or relocation. FD is a place for Navajo history & stories. Complete a community master plan & start. Good Luck & this survey is an excellent start!; 10) Cleaning up of the community and area. Pride in the town. Fix the roads!; 11) "I Personally feel that we have enough diverse churches in the area. We need to stimulate the economy for Ft Defiance. Clean up how our community looks. We have so many abandoned homes." and 12) Enforcement is lacking in the Fort Defiance area.

17. From the list below, please check the most important issues and or concerns that you feel currently face the Fort Defiance Chapter/community. (check as many as possible)

	Number of Response(s)	Response Ratio
Amount of development in the Fort Defiance community as a whole.	89	70.6%
Loss of farmland and/or agricultural activities.	60	47.6%
Environmental degradation in the community (i.e., erosion, storm water run	83	65.8%
Community Services & Facilities (i.e., police, fire, ambulance services, etc)	91	72.2%
Recreational Opportunities	81	64.2%
Schools and/or Higher Education Institutions	81	64.2%
Crime	99	78.5%
Available and/or Affordable Housing	87	69.0%
Other	19	15.0%
Total	126	100%
8 Comment(s)		



17. Fort Defiance residents stated the following most important issues and/or concerns that is facing their community; 1) Crime (78% or 99 respondents); 2) Community Services & Facilities (i.e., police, fire, ambulance services) (72.2% or 91 respondents); 3) Amount of Development in the Ft Defiance Community as a whole (70.6% or 89 respondents); 4). Available and/or Affordable Housing (69.0% or 87 respondents); 5) Environmental Degradation in the Community (erosion, storm water run-off, etc.) (65.8% or 83 respondents); and 6) both Recreational Opportunities & Schools and/or Higher Education Institutions (64.2% or 81 respondents). A high percentage or majority of the potential issues and concerns all rated above 65 percent with the loss of farmland and/or agricultural activities was ranked the lowest but still managed to pull in 47.6% or 60 respondents. Comments included: lack of office space/storage; roads; Aging Program, Veteran Hsg; Veterans Housing; Veterans & Elder Housing; 911 Police/Ambulance/Emergency; Veterans' Housing - Elderly Home; Energy Efficient Programs; Safe Securities; Road Improvement, strippin & signing; Trash dumping/illegal all over; Animal Shelters; Water, electricity, home repair & addition; Electricity, water & repairs; Home, electricity & water; Water, electricity, home repairs; Fort Defiance needs a Police Station; Veteran's Cemetery; Student's Tuition.; The lack of policy or enforcement to prevent blight, maintenance of roads and streets are very important issues that needs to be addressed; "100 year flood control. Big problem n no one is talking about it. A lot of us r in flood areas i.e.: new hospital n high school n several homes. Water run off after a rain storm is bad n scary. Please study the Army Coor of Engineering study on the 100 year flood. Veteran housing is needed. Red tape is terrible NTUA services r too slow. Too many chiefs or too many steps created to make it hard for people to get services. It takes months. Cost of service is outrageous."; FD can become a major community, has all the local resources & connections. Chapter needs to develop a sound financial plan & hire someone to start looking for resources or groups to sponsor projects, etc. Research private foundations, off rez business that want to expand, etc. Also, have many skilled manpower (welders, carpenters, labors,etc).; Tear down ALL abandoned homes & structures.; Open the track for the public. Not safe to walk along the roads around here. We used to be able to use track but now it locked can't get in. And no one is use it.; The Community needs various technical courses building.; after school programs for kids of all ages, suicide prevention hotline, Navajo culture classes at chapter; and Illegal dumping, trash animals, illegal wood hauling, illegal alcoholic beverages consumption/dumping bottles.

19. Where should new housing development be located in Fort Defiance?

	Number of Response(s)	Response Ratio
Existing Navajo Housing Authority (NHA) locations.	50	39.0%
Existing BIA locations (not located in Fort Defiance community.	51	39.8%
Existing Indian Health Service (IHS) locations.	48	37.5%
New mixed use town design (commercial, office, residential)	59	46.0%
Homesite or Scattered Locations	61	47.6%
None	10	7.8%
No Opinion	21	16.4%
Other	11	8.5%
Total	128	100%
12 Comment(s)		

Potential New Housing Development Sites

19. Out of 131 respondents, the Fort Defiance community ranked where they would like to see new housing development to be located in the following order; 1) Homesite or Scattered Locations (47.6%) 2) New Mixed Use Town Design (commercial, office, residential) (46.0%); 3)Existing BIA locations (39.8%); 4) Existing Navajo Housing Authority (NHA) locations (39.0%); and 5) Existing Indian Health Services (IHS) locations (37.5%). Twelve additional comments from residents included: Navajo Tribal Lands; All areas; On Customary Use and Grazing Areas; More Land; Buy all Private Lands; define business locations; New Police Department w jail; areas not suitable for grazing; need to design lots small and fit as much houses together; other locations open for development; and never will happen.

25. Please check the following selection with 1-being the most important to 5-least important. What is best about Fort Defiance's land development purposes right now?.

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Very Important	2 - Important	3 - Neutral	4 - Somewhat Important	5 - Least Important
Current Facilities at Fort Defiance /surrounding communities.	47 38%	50 41%	15 12%	6 5%	5 4%
Highway corridors available for development.	45 37%	43 35%	22 18%	5 4%	7 6%
Areas of traditional and historical importance.	52 43%	42 34%	20 16%	4 3%	4 3%
Agricultural Land.	37 30%	45 37%	26 21%	5 4%	9 7%
Residential Areas.	49 40%	44 36%	21 17%	3 2%	5 4%
Natural Beauty of the Area.	72 59%	34 28%	12 10%	1 1%	3 2%

3 Comment(s)

Potential Land Development Purposes

25. Respondents ranked the Fort Defiance's land development purposes as "very important" were 1) natural beauty of the area (59% or 72 individuals); 2) residential areas (49% or 40 individuals); 3) current facilities at Fort Defiance/surrounding areas (38% or 47 respondents);4) Highway corridors available for development (37% or 45 respondents); and Agricultural Land (30% or 37 respondents). Agricultural Land was also considered the "least important" at 7% or 9 respondents. Three comments were "History of Fort Defiance. Rural Addressing is so important n FD needs to do asap. Ambulances n fire trucks n police can't find our homes."; FD is a very beautiful place & historical landmark for Navajo people. FD can attract business for its location, resources and manpower. People are waiting for development & improvement...especially our youth. Need a survey on type of skills people have to help the Chapter in the future. Get everyone involved, promote with a slogan & people will move in the right direction. Need to keep some of the revenue in the community instead of border towns.; and over the last 15 years the quality of the community has really deteriorated and it's very unfortunate to witness and live with.

26. Please rank, with (1) being the Most Important; (2) Neutral; and (3) being the Least Important; the three most important improvements that could be made to the Chapter's land area:

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	1 - Most Important	2 - Neutral	3 - Least Important
Develop more home-sites.	66 62%	23 21%	18 17%
Preserve agriculture (while developing other areas).	35 36%	37 38%	25 26%
Develop a better utility system.	62 61%	26 26%	13 13%
Commercial, Economic or Industrial Development.	58 55%	33 31%	15 14%
Housing (Scattered or Clustered)	49 48%	35 34%	18 18%
Public Service Facilities (Hospital, Police/Fire Stations, etc.)	77 68%	21 19%	15 13%
5 Comment(s)			

26. The three most important improvements that Fort Defiance Chapter should consider based on 131 respondents are as follows, 1) Public Service Facilities (hospital, police/fire stations, etc.) (68% or 77 respondents); 2) Develop More Home Sites (62% or 66 respondents); and 3) Developing a Better Utility System (61% or 62 respondents). The least two items that were considered "least important" are Preserving Agriculture (26% or 25 respondents) and Develop More Home-Sites & Housing (18% or 18 respondents). Comments include Need new cemetery; Bring in high technology to FD, including solar energy, etc. FD can have their

own housing or property office to process application, etc. Connect more with County & State & Federal offices for services; MVD, DES, transportation, fire/rescue, etc.; Police is the most important. My area has had four drunk drivers crash at our intersection; where old FD Hospital was located, tear down old houses there and build new ones or nice apt complex for young families; and Police.

9.4 Goals and Objectives:

Recreation & Youth

Goal A: **To provide adequate youth and recreation facilities for community residents.**

1. Preserve areas designated on the Land Use Map for Parks & Recreational and Youth facilities.
2. Assist in land identification, acquisition and development process for the elder-related facility to address children in crisis situation, consolidating youth health services and provide a positive place to go after school and/or weekends.
3. Develop and/or designate a systematic funding source for parks, recreation and youth, Elder, and Veterans facilities development.
4. Support the development of a youth rehabilitation home and a library center.

Strategies/Actions

1. Support the development of a comprehensive Parks, Recreation & Youth Master Plan for the community.

Health & Child Care

Goal B: **To ensure that community members have access to high quality health and child care facilities and services.**

1. Promote the development of a full service hospital for the community.
2. Support the provision of health care services to serve community residents, including clinics and mobile services.
3. Support the development of home-based child care services.

Strategies/Actions

1. Promote child care training workshops on laws and regulations.
2. Support the Chapter's & the Special Diabetes Program's proposed establishment of an office building on the east side of the former Fort Defiance Chapter house tract.

Community Public Facilities/Government

Goal C: **To ensure that community government facilities and services keep pace with demand.**

1. Promote the development of a full service multi-purpose/administrative complex.

2. Coordinate the provisions of community facilities and services with service providers. It is imperative that Chapter administration coordinate facility improvements and expansion of services with service providers.
3. Support the on-going expansion, renovation and replacement of the community's government building, as necessary and funding availability.
4. Increase adequate office space for government services (Government Office Complex).
5. Support the Chapter's post secondary education and vocational programs to construct campuses within the community by identifying potential land/sites.
6. Enhance education facilities by coordinating with public, preschools, private schools & other institutions for additional facilities and services.

Strategies/Actions

1. Develop a full service multi-purpose and/or administration complex.
2. Identify a site for the Public Safety Facility that includes housing.
3. Identify and secure an "office complex" site.
4. Safety:
   a) Develop emergency response capabilities (police, fire station, EMS)
   b) Develop better traffic controls, especially near schools.
   c) Develop a night watch program that includes a reward system.
5. Chapter membership shall approve each proposed project by resolution at a duly-called Chapter meeting. The resolution shall contain information on the project's scope, estimated budget, and schedule.
6. Support the Chapter's & Fort Defiance Development's Three Story Office Complex on 5.91 acres west of the Post Office with an estimated cost of $15,625.000.
7. Support the Chapter's Community & Veteran's Cemetery on the proposed two (2) sites located along N-12 and N-7/Red Cliff sites.
8. Support the Chapter's Warehouse project to be constructed south of the Chapter house.
9. Assist and support the Chapter identify additional land for a new fire department to serve the entire community due to recent fire occurrences.

Telecommunication

Goal D: **Improve telecommunication and internet communications systems.**

1. Continue to support efforts to provide telecommunications services to community residents, including both telephone, cellular and internet services.
2. Coordinate and collaborate with all tribal programs, Frontier & other enterprises.

Energy

Goal E: **To improve the energy and recycling resources of the Fort Defiance community.**

1. Research and search for ways to develop alternative sources of energy to serve development within the Fort Defiance community for the future.
2. Continue to work with NTUA, and natural gas for provisions of utilities in the

community.

3. Support alternative energy options for the future and consider developing an industrial/management facility for recycling.

Strategies/Actions

1. Collaborate with utility partners/agencies to improve energy resources include the promotion/development of alternative energy sources.
2. Request for a comprehensive energy audit of the community/facilities for Fort Defiance Chapter.

Education

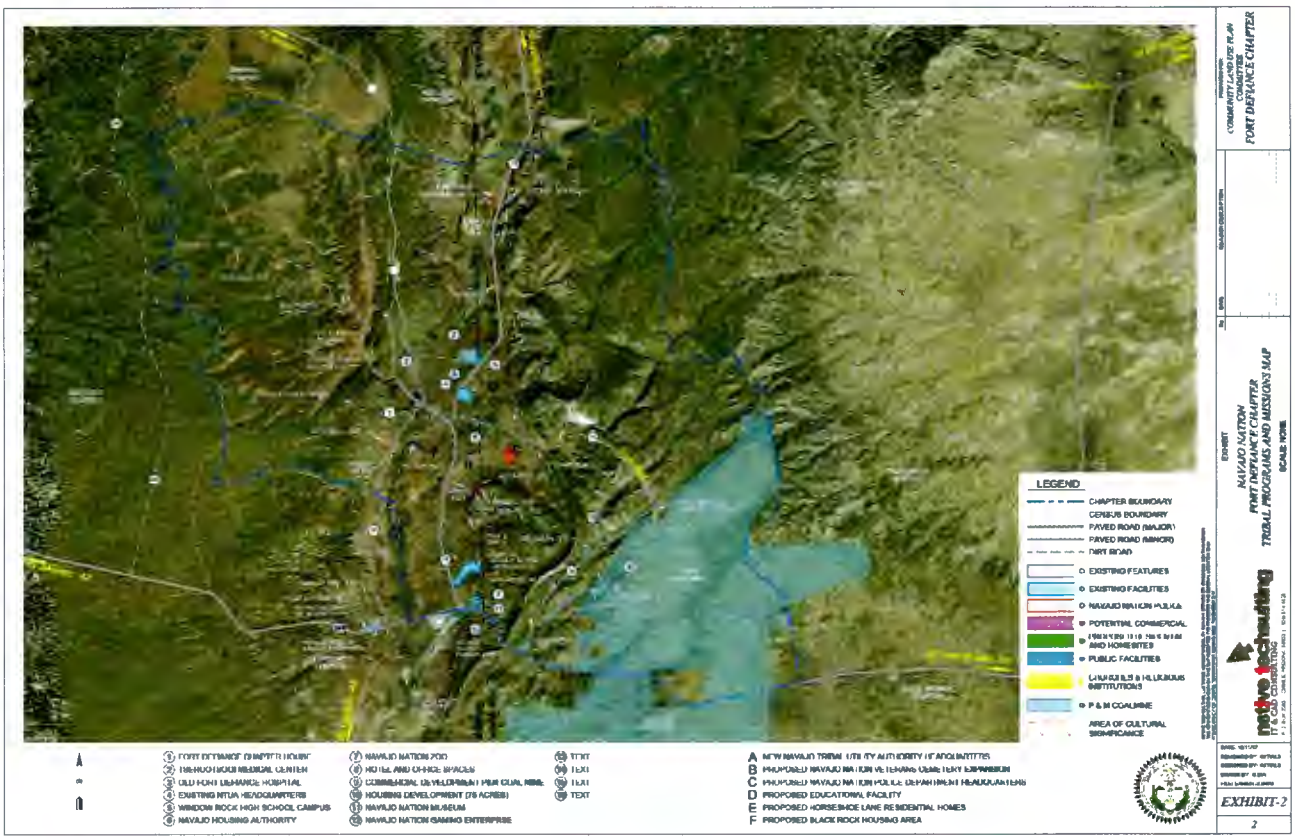
Goal G: **To support the continued expansion and improvement of educational opportunities within the Fort Defiance community.**

1. Support the provision of education facilities to provide high-quality programs.
2. Plan for education facilities to meet the future needs of a growing community population.

Strategies/Actions

1. Recommend and support the update of the community's master education plan.

9.5 Fort Defiance's Tribal Programs Map (Exhibit 23):



III:

Fort Defiance Chapter's Community Land Use Plan (CLUP)
Inventory Data Assessment

Inventory Data Assessment
Ft. Defiance CLUPC

III:
Fort Defiance Chapter's Community Land Use Plan (CLUP) Inventory Data Assessment

A. PURPOSE

The purpose of the "data assessment" is to determine if there are conditions which will affect the future use of the land. The report looks at conditions related to Land, Water, Air and Wildlife. Then how people have resided on the land is evaluated and finally recommendations are made as to how the land can be best protected and used.

This assessment will help the community make decisions regarding:

→ Areas of land that require special protection;
→ Environmental problems which need to be addressed;
→ The use of land within the Chapter area;
→ Whether a certain site is good for a proposed land use, lease land withdrawal; and
→ Where it would be good to place different land uses.

For the Fort Defiance Chapter, the Evaluation was based on the following sources of information:

→ Chapter Images;
→ Navajo Historic Preservation Department maps and review;
→ Navajo Department of Water Resources data and materials;
→ Navajo Department of Fish and Wildlife recommendations;
→ Navajo Forestry Department materials; and
→ Other available resources.

B. Natural Resources Inventory & Assessment

In accordance to Paiki (2004), analysis of the Chapter as a whole, and the seven development planning areas includes an inventory and analysis of natural and cultural resources that affect land use decisions within the Chapter: water resources, soils, slopes and topography, vegetation and wildlife, culturally significant areas, traditionally sensitive areas, environmentally sensitive areas, and accessibility (p. 20) are as followed:

1. Water Resources

Water resources of the Navajo Nation include rivers, washes, and aquifers. Water issues are managed by the Water Management Branch of the Department of Water Resources which is under the Division of Natural Resources.

All water resources within the Navajo Nation are under the jurisdiction of the Navajo Nation Water Code and are subject to the water management practices of the Navajo Nation. The Navajo Nation has enacted the Navajo Nation Clean Water Act, Water Quality Standards, and the Discharge Elimination System to protect the quality of water resources on the reservation. The Navajo Water Code prohibits any development within a half mile of a well or windmill.

Fort Defiance is located in the Little Colorado River Basin. Specifically, the Chapter is located at the confluence of Bonito Creek, Black Creek, and Slick Rock which merge north of Black Rock. Bonito Creek enters from Blue Canyon in the west. Black Creek runs north to south and divides the Central Area of the Chapter. The Black Creek basin consists of 207 square miles. Hickman Wash and Slick Rock Wash are tributaries of Black Creek. Slick Rock Wash enters from the east and drains 16.3 square miles. Hickman Wash enters from the east at the base of the Chuska Mountains.

Hickman Wash has caused considerable flooding damage and limits the development potential of the Chapter. The wash is shallow and poorly defined and it drains 3.9 square miles at the south end of the Chuska Mountains. The combination of climate and topography produce flash flooding with unpredictable flows. Residents in the vicinity of Hickman Wash frequently report annual flooding in the low lying areas of the alluvial fan. In the summer of 1993, flooding occurred in the areas surrounding the MechTronics of Arizona facility where several home sites and tribal offices are located. U.S Army Corps of Engineers (1994), "the infilling of a detention basin at the head of the alluvial fan has created a situation where all but the most insignificant flows breakout of the Hickman Wash channel and descend the fan as sheet flows (p. 1). A Reconnaissance Report prepared by the United Stated Army Corps of Engineers recommends constructing a diversion dike to redirect runoff underneath N-54 and into Slick Rock Wash. The Reconnaissance Report further suggests that overgrazing and human activity has caused severe downcutting of Hickman Wash.

Growth Center Planning for Fort Defiance, Arizona, identifies the following areas as having drainage and ponding issues:

→ Housing areas on the east slope of the Fort Defiance hills west of Black Creek;
→ Marshy areas north of the Good Shepherd Mission;
→ Housing areas along N 110;
→ Below grade commercial site at southeast corner of N 12 and N 54.

Three aquifers provide water for wells and springs throughout the Navajo Reservation: the Coconino (C), Navajo (N), and Dakota (D) aquifers. They are all composed of permeable sedimentary rock (mainly sandstone) and the quality of water within each aquifer varies greatly within their structures. In the deeper portions of the groundwater basins, water is generally too saline for consumption by humans or livestock. The highest quality water is generally found in the N-aquifer.

2. Soils

The generalized geology of the Chapter consists of the Chinle formation, which contains "moderately deep sands, and loams with some deep clayey and loamy soils in the lower reaches of drainages and floodplains" (Sloan, D. & Associates, 2005, p. 34). The soil data illustrated in the Soils Maps was developed as part of a reservation wide study of soil conditions and water resources conducted by Morrison Maierle, Inc. in February 1981. The soils data depicted within Fort Defiance Chapter vicinity are described below.

The number and letters before the dash (-) represent the physical profile units and parent material codes for the soil. The number after the dash (-) represents the climate zone code. While only the climate zone data is described below, the physical profile and parent material codes can be found in the Morrison Maierle study and are as followed for the Chapter:

→ Receives between 12 and 14 inches of precipitation per year;
→ Found at elevations between 6,200 and 7,400 feet;
→ Vegetation includes sagebrush grasslands.
→ Vegetation includes mixed grasslands.
→ Vegetation includes piñon-juniper woodland.
→ Slopes between zero and five percent (Moderate erosion class);
→ Slopes between one and five percent (Moderate erosion class);
→ Slopes between one and five percent (Severe erosion class);
→ Slopes between one and eight percent (Moderate erosion class);
→ Slopes between three and 25 percent (Severe erosion class);
→ Slopes between five and 25 percent (Severe erosion class);
→ Slopes between 12 and 55+ percent (Differentiated erosion class).

3. Slopes and Topography

Topography ranges between 6,800 feet in the valley floor to approximately 7,300 in the Chuska Mountains. The Chapter is located within a generally square shaped valley with the Chuska Mountains in the east and the Defiance Plateau to the west. Although the topography limits the development potential of many locations within the Chapter, it greatly contributes to the scenic beauty of the area.

4. Vegetation and Wildlife

Several federal laws are designed to protect vegetation and wildlife resources within the Navajo Reservation. These laws include the National Environmental Policy Act, the Endangered Species Act, the Eagle Protection Act, and the Migratory Bird Treaty Act.

Vegetation and wildlife resources are also protected by the Navajo Nation Department of Fish and Wildlife which is within the Division of Natural Resources. The Resources Committee has oversight responsibility of the Department. Accordingly, the Resources Committee developed

Biological Resources Land Clearance Policies and Procedures. The purpose of these Policies and Procedures is to ensure compliance with federal and Navajo Nation laws which protect plant and animal species and their habitat. The Policies and Procedures include maps that designate six Wildlife Areas across the Navajo Reservation. Various restrictions apply to each area with regard to development activity and the protection of biological resources. The Wildlife Area Map included in this plan presents the Wildlife Areas within the Fort Defiance Chapter.

The Policies and Procedures also determine if a development project will require a Biological Evaluation. According to the Policies and Procedures, a Biological Evaluation:

→ Documents impacts that a proposed project may have on biological resources;
→ Must consider direct, indirect, short-term, long term, and cumulative impacts from actions that are dependent on, or are clearly related to the proposed development;
→ Must have Department concurrence that the evaluation of the impacts to wildlife resources is accurate;
→ Contains accurate information about the location of development, including but not limited to legal description, distance to landmark, and a 7.5' USGS topographic quadrangle map.

5. Cultural Resources

The Navajo Nation and the Fort Defiance Chapter are committed to protecting cultural resources. The Navajo Nation Historic Preservation Department is responsible for the protection, preservation, and management planning for the Navajo Nation's traditional cultural properties.

According to the Navajo Nation Policy to Protect Traditional Cultural Properties, a traditional cultural property is defined as property "that is eligible for inclusion in the National Register because if its association with cultural practices or beliefs of a living community that (a) are rooted in that community's history, and (b) are important in maintaining the continuing cultural identity of the community (Navajo Nation Historic Preservation Department, 1991, p. 1)

The Navajo Nation maintains a Register of Cultural Properties in order to protect cultural resources. The Navajo Nation has also adopted several policies and procedures to supplement the numerous Navajo, state, and federal laws that are designed to protect the cultural resources of the Navajo Nation and other Native American tribes. Many types of material objects and physical places are considered cultural resources. Some examples include sweat lodges, prayer offering sites, burial sites, ceremonial sites, and other landmarks.

As mandated by the National Historic Preservation Act, a cultural resource inventory is required for all proposed development. Furthermore, the policies outlined in the Navajo Nation Policy to Protect Traditional Cultural Resources apply to projects proposed on Tribal, federal and state jurisdictions (public land). The policies also apply to private land with the consent and cooperation of the land owner. In all cases, any proposed development should include

consultation with the Navajo Nation Historic Preservation Department to review any and all applicable policies and procedures to avoid damaging the cultural resources of the Navajo Nation.

Many natural features in the vicinity of Fort Defiance are integrated into Navajo culture. The Chuska Mountains are considered to be a sacred deity. "Navajos today continue to use the Chuska and Defiance Plateau for grazing livestock, gathering medicinal herbs and building materials, hunting, fishing, farming, and as a place for conducting sacred ceremonies" (Pynes, 2005, p. 3).

The Fort Defiance Chapter contains numerous sites where traditional cultural properties are likely to be found. The Historic Preservation Department has surveyed and mapped the locations of several sites; however, the entire Chapter has not been surveyed. Additionally, representatives of the Fort Defiance Chapter identified the location and significance of several traditional cultural resources within the Chapter. However, the Navajo Nation Historic Preservation Department does not reveal the locations of sensitive sites due to the potential for vandalism, robbery, and the need to protect privacy. Hence the specific locations are not illustrated on the Land Suitability Maps.

The Chapter is home to several historic buildings located at the mouth of Blue Canyon. These buildings include the old IHS Hospital, the Good Shepherd Mission and several residences. "Fort Defiance includes several historical sites such as the old fort, old trading post, and a number of culturally and religious sensitive areas, including five cemeteries" (Sloan, 2005, p. 3-8).

The Chapter recently approved the development of a 40 acre site for the future use as a cemetery. This site is located northwest of the new IHS Hospital, east of the Black Wash, and north of N 7. Controlled vehicle access to this site should be considered, as well as limiting the amount and location of development in the immediate vicinity.

6. Environmental Resources

Separated by Black Creek valley, the Chuska Mountains and the Defiance Plateau represent valuable environmental resources for the Fort Defiance Chapter. Two thirds of the annual average surface water generated within the Navajo Reservation originate in the ponderosa pine forests of the Defiance Plateau and the Chuska Mountains. Surface water and scenic rock outcroppings represent environmentally sensitive areas that should be protected from development.

Illegal dumping in washes has been identified as a priority for environmental protection. Other environmental issues include air quality and seismic activity. The Fort Defiance vicinity is considered an attainment area with regard to air pollutants including Total Suspended Particulates, (TSP), Carbon Monoxide (CO), Ozone (03), Nitrogen Dioxide (NO2), Sulphur Dioxide (SO2), Lead (PB), and Sulfates (S04). Fort Defiance is classified as a seismic zone two, which is susceptible to moderate shaking and damage by earthquakes of intensity VII or less as ranked by the modified Mercalli scale .

C. Human Resources

Community Demographics (2000 vs 2010)

The American Fact Finder (2000)'s Fort Defiance Chapter's Profile of General Population and Housing Characteristics indicated as of the 2000 census, there were 4,061 people, 1,115 households, and 890 families residing in the CDP. In 2010, the American Fact Finder's Fort Defiance Chapter's Profile of General Population has 3,624 community residents; 1,060 total households; and 801 family household residing in the CDP.

Profile of General Population & Housing Characteristics

Year	**2000**	**2010**	**Variances**
Population	4,061	3,624	-437
Household	1,115	1,060	-55
Families	890	801	-89
Native American	92.86%	97.4%	4.54%
White	4.53%	2.20%	-2.33%
Asian	0.30%	1.20%	0.90%
Black or African American	0.17%	0.01%	-0.16%
Pacific Islander	0.02%	0.00%	-0.02%
Other Races	0.22%	0.20%	-0.02%
Two/More Races	1.90%	2.60%	0.70%
Hispanic/Latinos	1.35%	2.20%	0.85%

Housing Characteristics: In 2000, the population density was 669.3 people per square mile (258.3/km^2). There were 1,321 housing units at an average density of 217.7/sq mi (84.0/km^2). The racial makeup of the CDP of Fort Defiance in 2000 and 2010 were (92.86% vs 97.4%) Native American, (4.53% vs 2.2%) White, (0.30% vs 1.2%) Asian, (0.17% vs 0.01%) Black or African American, (0.02% vs 0.0%) Pacific Islander, (0.22% vs 0.20%) from other races, and (1.90% vs 2.60%) from two or more races; and (1.35% vs 2.2%) of the population were Hispanic or Latino of any race.

House Holds by Type Characteristics

Year	**2000**	**2010**	**Variances**
Total Household	1,115	1,060	-55
Children Under 18	49.2%	34.9%	-14.3%
Married Couples	43.8%	37.9%	-5.9%
Female Householder	30.3%	29.4%	-0.9%
Non-Family	20.1%	24.4%	+4.3%
Individuals	18.2%	49.4%	+31.2%
65+	2.9%	23.1%	+20.2%
Average Household Size	3.61	3.42	-0.19%
Average Family Size	4.15	4.03	-0.12%

In 2000, there were 1,115 households out of which 49.2% had children under the age of 18 living with them, 43.8% were married couples living together, 30.3% had a female householder with no husband present, and 20.1% were non-families. 18.2% of all households were made up of individuals and 2.9% had someone living alone who was 65 years of age or older. The average household size was 3.61 and the average family size was 4.15. In comparison, in 2010, there were 1,060 households out of which 370 or 34.9% had children under the age of 18 living with them, 402 or 37.9% were married couples living together, 312 or 29.4% had a female householder with no husband present, and 259 or 24.4% were non-families. 49.4% of all households were made up of individuals under 18 years and 23.1% had someone living alone who was 65 years of age or older. The average household size was 3.42 and the average family size was 4.03.

In 2000, the median income for a household in the CDP was $33,125, and the median income for a family was $35,448. Males had a median income of $35,455 versus $24,522 for females. The per capita income for the CDP was $10,716. About 27.9% of families and 29.5% of the population were below the poverty line, including 35.0% of those under age 18 and 32.5% of those age 65 or over. In comparison, in 2010, the median income for a household in the CDP was $41,701, and the median income for a family was $39,675. Males had a median income of $39,583 versus $38,400 for females. The per capita income for the CDP was $15,294. About 29.9% of families and 29.0% of the population were below the poverty line, including 20.9%% of those under age 18 and 17.9% of those age 65 or over.

D. Fort Defiance Community/Navajo Nation Community Profile

According to Granger, B. H. (1960), "the land on which Fort Defiance was eventually established was first noted by the U.S. military when Colonel John Washington stopped there on his return journey from an expedition to Canyon de Chelly (p. 10). Fort Defiance was established on September 18, 1851, by Col. Edwin V. Sumner to create a military presence in Diné bikéyah(Navajo territory). Sumner broke up the fort at Santa Fe for this purpose, creating the first military post in what is now Arizona [and] he left Major Electus Backus in charge (Granger, B. H. , 1960, p. 10). Fort Defiance was built on valuable grazing land that the federal government then prohibited the Navajos from using. As a result, the appropriately named fort experienced intense fighting, culminating in two attacks, one in 1856 and another in 1860. The next year, at the onset of the Civil War, the army abandoned Fort Defiance. Continued Navajo raids in the area led Brigadier General James H. Carleton to send Kit Carson to impose order. The fort was reestablished as Fort Canby in 1863 as a base for Carson's operations against the Navaho. General Carleton's "solution" was brutal: thousands of starving Navajo were forced on a Long Walk of 450

miles (720 km) and interned near Fort Sumner, New Mexico, and much of their livestock was destroyed. Following completion of this campaign in 1864 the fort was abandoned once again and it was burned by remaining Navajo, with only its walls remaining. The Navajo Treaty of 1868 allowed those interned to return to a portion of their land, and Fort Defiance was reestablished as an Indian agency that year. In 1870, the first government school for the Navajo was established there.

E. Economic and Community Development Goals

The Navajo Nation and Fort Defiance Chapter's long-term economic goal is to achieve tribal self-sufficiency and thereby to improve the overall quality of life of every Navajo member by creating a Diversified, job-generating private sector capable of supporting and increasing new job creation efforts every year. This economic initiative is to be accomplished by fostering the development of both Navajo and non-Navajo businesses and industries on the reservation. The major objective in meeting with this goal is to massage the local economy by enhancing or establishing a local and regional economic base and that encourages Navajo people to invest their dollars in their people and the local economy. By developing such a private sector, the Navajo Nation will be able to eventually reduce its support on the federal government.

Fort Defiance Chapter's objective will be to encourage, foster, and support private business within and surround the Fort Defiance community that are owned and operated by community members, and to plan for and encourage private land development owned by tribal members. The local business and economic development program should be designed to foster education, entrepreneurship and leadership development growth in rural small business and economic development ventures. The current administration and officials can develop a dynamic program to rekindle dormant visions, refresh current leadership and empower emerging Navajo entrepreneurs and leaders to create avenues for Native Americans to learn business development techniques to either promote or start their own small businesses. This proposed program will be designed for the Fort Defiance community members and other reservation-based tribal community members who wish to own and operate their own business

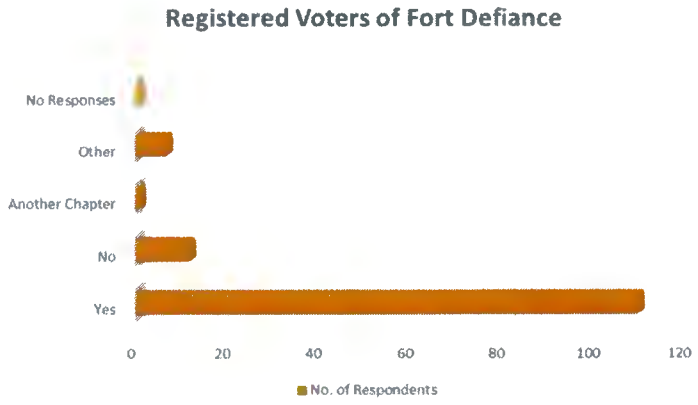
F. Community Land Use Plan's Community Survey

Under the "Community Values" section, TPBCS obtained input from the community members on the best way to accommodate the future growth of the Fort Defiance, Arizona. A majority of the community members indicated that they have been residents for 25 years and over (69.5% or 89 respondents). Only seven (7 respondents or 5.4%) of the residents indicated that they were in Fort Defiance between 21 to 25 years while eighteen (32 respondents or 10%) stated they were residents of the community between 1 to 20 years.

6. How long have you been a resident of Fort Defiance and/or surrounding communities?

	Number of Response(s)	Response Ratio
Less than 1 year	3	2.3%
1 to 5 years	6	4.6%
6 to 10 years	7	5.4%
11 to 15 years	9	7.0%
16 to 20 years	7	5.4%
21 to 25 years	7	5.4%
More than 25 years	89	69.5%
Total	128	100%

Largely, a high majority (110 or 83.9%) of those surveyed were registered voters of Fort Defiance Chapter; while only twelve (12) respondents were not registered voters; and only (1) had "no response" to the question. Comments included: Ramah Navajo; St. Michaels (2); Iyanbito; Red Lake #18; Houck; and Cornfields.



The level of education attained within the Fort Defiance Chapter were 1) less than high school (17 respondents); 2) some college (47 respondents); 3) college degree (51 respondents); 4) high school/GED (36 respondents); 5) associate or technical degree (2 years) (32 respondents); and 6) post graduate work or degree (21 members).

Fort Defiance community members ranked their satisfaction residing within the Fort Defiance vicinity as a high percentage of respondents (45 individuals or 34.3%) stated they were both "satisfied" and "somewhat satisfied" equally with the Fort Defiance and/or surrounding community as a place to reside. Approximately, twenty six (26) or 19.8% of the residents were "somewhat satisfied" residing within the community while 9.1% or 12 respondents recorded that they was "dissatisfied" with their residency while only 3 didn't provided any responses to the question.

Fort Defiance Chapter's future population growth will have an increase in a number of land-use decision resulting from the number of Economic or Business development initiatives that overwhelming participants "agree[d]." The Fort Defiance community "agree[d]" the following top six (6) economic and/or business development initiatives: Convenience Store (66% or 83 respondents); Other Services (i.e., health, gasoline, restaurant, etc.) (85% or 110 respondents); Shopping Centers or other retail outlets (74% or 94 respondents); Recreational Facilities (i.e., youth centers or multi-purpose buildings) (78% or 99 respondents); Agricultural-related businesses (68% or 86 respondents) and Family Farms (67% or 83 respondents). Overall, community members "agree" and "allow but not encouraged" averaged very high in all potential economic and business development initiatives while 27% of the respondents "disagree" with large corporate livestock farms followed by convenience store 8%. Large Corporate Livestock Farms and Community Farms both were ranked at (35% or 43 respondents), Agricultural-related Businesses (30% or 38 respondents) and Other Office-Type Business (32% or 41 respondents) ranked in the high percentile as "allow but not encourage."

13. What type of economic or business development initiative do you think Fort Defiance community needs?

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Agree	Allow but Not Encouraged	Disagree
Convenience Store	83 66%	33 26%	10 8%
Other Services (ie health, gasoline, restaurant, etc)	110 85%	16 12%	4 3%
Shopping Centers or Other Retails	94 74%	30 24%	3 2%
Office Parks	80 65%	35 28%	9 7%
Other Office-Type Businesses	84 66%	41 32%	3 2%
Agricultural-related Businesses	86 68%	38 30%	2 2%
Recreational Facilities (ie youth centers or multi-purpose buildings)	99 78%	27 21%	1 1%
Family Farms	83 67%	35 28%	6 5%
Community Farms	72 59%	43 35%	7 6%
Large Corporate Livestock Farms	46 38%	43 35%	33 27%
11 Comment(s)			

For the type of housing, economic or business development initiative(s) that Fort Defiance community members additionally indicated that the community needs also "agree[d]" on are Single-family Residences (75% or 96 respondents); Scattered Site Homes (62% or 79 respondents); Multi-family Residences (67% or 86 respondents); Light Industry & Manufacturing (52% or 66 respondents); and Mobile Home Parks (49% or 63 respondents). Approximately, 46% or 58 respondents "Allow but Not Encouraged" on Heavy Industry & Manufacturing; Clan Pods/Clustered (41% or 51 respondents); (39% or 49 respondents) Light Industry & Manufacturing; Mineral Extraction (31% or 40 respondents); Condominiums (34% or 43 respondents) and Mobile-Home Parks (37% or 47 respondents). A high percentage of the survey respondents indicated that Mineral Extraction was "disagree[d]" as a type of economic development initiative for the Fort Defiance community.

Based on the map provided, residents stated they resided within Area "1-Central Area" (60); Area "2-Coal Mine Area" (10); Area "3-Black Rock/Goat Spring Area" (18); and Area "4-Blue Canyon/Deer Springs" (16); and Area "5-Rabbit Brush" (1). Twenty-four (24) indicated they live in another Chapter location but a member of Fort Defiance Chapter and another 5 stated they live within another chapter, city, town or state such as Route 7 near hospital; Old Rt-110; St. Michaels; Point Hill aka: Sawmill Hill; Iyanbito; Goat Springs; Gallup, NM (3); Blue Canyon (4).

On Fort Defiance's community members' employment status; approximately 43.5% or 54 respondents stated they were employed; 25.8% or 32 indicated they were not employed. Twelve (12) community members recorded they were self-employed; thirty-two (32) were retired; and six (6) were students. One comment was graduate. Of those Fort Defiance 's residents that stated they were employed in the following areas; 1) Other Chapter, City or town/state, such as Gallup, NM (3), Window Rock, AZ (2) (13.9% or 16) ; 2) within Fort Defiance (28.6% or 33); and 3) outside Fort Defiance but within 20 miles radius of the Chapter (17.5% or 19). Fifty-two (52) community members or 45.2% stated that the question was not applicable or their situation or they were unemployed.

IV: Community Land Use Plan Administration

Fort Defiance Chapter's Community Land Use Administration

Community Land Use Plan Administration
Ft. Defiance CLUPC

IV. COMMUNITY LAND USE PLAN (CLUP) ADMINISTRATION

A. PURPOSE

Fort Defiance Chapter's Community Land Use Plan is a "General Expression" of the local community's vision and is focused on "planning for generations." The Chapter's Community Land Use Plan should be used as a policy guide for the Fort Defiance Chapter, (CLUPC) members, Chapter officials/staff, community members, tribal entities/programs and potential economic or business developers. As a locally developed policy document, the Community Land Use Plan will be used when reviewing and making decisions about development projects within the Fort Defiance Chapter's community. All proposals will be reviewed to ensure that they are "compatible" with the Plan's vision, goals, and policies as well as with the Land Use Map.

It is important to note that the nature of planning must recognize the ever-evolving nature of the environment and local community members' desires. Therefore, the Community Land Use Plan should be reviewed and updated regularly to reflect desired changes. But it is important that the Plan's focus on the "Planning for Future Generations" is not compromised by the demands of current development trends.

B. COMMUNITY LAND USE PLAN CONSISTENCY DEFINED

The following is a list of criteria for determining if a proposal is consistent with the Fort Defiance Chapter's Community Land Use Plan.

→ Directly mirror the Community Land Use Plan;
→ Reflects the local community's adopted vision;
→ Addresses the plan's goals;
→ Proposal considers the long-term sustainability that fits within the "Planning for Generations" ideal; and
→ Would be supported by local community members.

C. COMMUNITY LAND USE PLAN AMENDMENTS

Frequent changes to the Fort Defiance Chapter's Community Land Use Plan are not recommended. There will, however, be cases where the "elements" content of the Plan is determined to be outdated or inconsistent with the evolving needs of the Fort Defiance community. In such cases, the Fort Defiance Chapter's Community Land Use Plan may need to be amended. Since considerable local community involvement contributed to the creation of the

Community Land Use Plan, any and all major updates to the Plan should be accompanied by opportunities for local community involvement.

D. Comprehensive Community Land Use Plan Review

A formal Community Land Use Plan Review will occur five (5) years after the revised Fort Defiance Chapter Government's Land Use Plan is approved and re-certified by the Navajo Nation Council's Resource and Development Committee (RDC). The Community Land Use Plan Review is an opportunity to make changes to the plan by evaluating the success of the Community Land Use Plan in meeting its goals and objectives. Changes to the Community Land Use Plan and maps should be expected, as the Navajo Nation and the Chapter administration will be monitoring land use information and issues throughout the life of the Plan. Land use planning is a continuing cycle where up-to-date information and issues are considered in the process on an on-going basis.

The original Fort Defiance Chapter's Community Based Comprehensive Land Use Plan (CLUP) was prepared in 2006 and has been developed in accordance to the Navajo Nation Local Governance Act of 1998 (Navajo Nation Code, Title 26). The Local Governance Act (LGA) delegates certain governmental authorities from the central government to local governments, providing the local governments can prepare management systems that are in compliance to the audits as reviewed by the Navajo Nation Office of Attorney General. In accordance to the Navajo Nation Code, Title 26 § 101 (B), it states *"Chapters wanting to administer land, pursuant to this Act, are required to develop a community based land use plan based upon results of a community assessment."* Although the (LGA) does not require chapters to adopt a CLUP but it does grant the authority to administer land at the local level only to those chapters that develops a CLUP.

E. Fort Defiance Community Participation Goals & Objectives

Fort Defiance Chapter's set of goals and objectives for the public education and participation plan are a combination of the goals developed for Fort Defiance's local community. They are presented in the chart below:

	Community Participation Goal/Purpose		***Community Participation Objective/Action***
1.	Land use and comprehensive planning will be community driven.	→	The CLUPC can make decisions but community members need to have input and review prior to decisions being made for all actions or proposed developments.
		→	The community's interest has to be held in high regards by the CLUPC.
		→	Community hearings will be held before major decisions are made by the CLUPC and send to the Chapter.
		→	CLUPC meetings and hearing will be held at a location what is convenient to residents from the Chapter area which will be affected
2.	Involve the community in CLUPC meetings.	→	All CLUPC meetings will be held as open public meetings.
3.	Inform community members about (CLUPC) hearings.	→	Designate 2-3 CLUPC members to contact key community members on a regular basis about meetings and other CLUPC

		activities. → Make flyers for distribution to businesses, churches and school. → Make public radio announcements about meetings. → Use and place marquee, bulletin boards, and billboards announcements at the Chapter House.
4.	Provide adequate amount of time for CLUPC members to conduct their assignments.	→ The CLUPC will meet once a month. One meeting will address planning issues and the other optional meeting will address current community issues and projects.
5.	Involve local government officials including: Chapter Officials, Council Delegates, Local Grazing Officials and Community Services Coordinator in the planning process	→ Request that the Chapter Officials & Delegates attend critical CLUPC meetings and hearings. → The CLUPC will conduct at least one joint meeting with the Chapter Officials and Delegates every year. Additional meetings can be scheduled as needed. → CLUPC members will attend and make a presentation at the monthly Chapter Planning Committee Meeting and at the Chapter Meeting. → Invite the Chapter Manager to attend the CLUPC meetings. → Include Chapter Officials, Delegates and the Chapter Manager in CLUPC education sessions.
6.	Involve Fort Defiance's businesses, organizations, churches and youth in the planning process.	→ The school Superintendent and HS Principal are invited to attend the CLUPC meetings. → Encourage conducting a youth involvement event.
7.	Involve grazing permittees in the land use planning process.	→ CLUPC Members will meet with the grazing permit holders several times a year to disseminate information and collect ideas.
8.	Increase CLUPC Members visibility in the community in their role as community land use planners.	→ CLUPC members will go out and meet with the residents on a periodic basis. → Schedule community organization meetings for CLUPC Members to attend and give brief presentations on the land use planning process.
9.	Conduct at least two (2) public hearings for each policy or project decision.	→ Public Hearings can be conducted before or during Chapter Meetings or at a separate time. All Public Hearings will have public notices and will be open to public participation.

F. Fort Defiance Comprehensive Plan's Vision Statement

The Vision Statement sets out the ideal situation or condition that the Fort Defiance community aspires to implement a planning process that is directed by community needs and encourages participation from all sectors of the community. The goal of this process is to create and implement a community land use planning that:

→ Inspires the imagination and creativity of the Fort Defiance community.
→ Respects the values of the community and the cultural preservation of T'áá Dinéji.
→ Results in good community and good home life for Residents, Businesses and Tourists.
→ Overall is wholistic in approach and provides for all sectors and all areas of the Fort Defiance Chapter in a way that is equitable and fair.

→ That maximizes the thoughtful use of Resources and Generates new resources that are then invested in the community.

→ Respects, protects and regenerates the land and the environment of the Fort Defiance Chapter.

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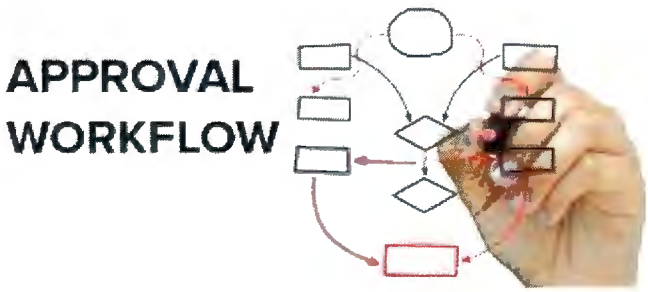
APPENDIX A:

Fort Defiance Chapter's Community Land Use Plan's Approval Process



Approval of CLUPC Approval Process
Authored by: TPBCS & Ft. Defiance CLUPC

APPENDIX A:

Fort Defiance Chapter's Community Land Use Plan's Approval Process

A. Review and Approval of Planning Policies & Project

Fort Defiance Chapter's Community Land Use Planning Committee (FD CLUPC)'s review and approval will be the first step in the review and approval process for all land use and land development projects within the Chapter's boundaries. This will include submission of the following items which shall be referred to as "proposed projects."

1. Business Site Leases (BSL)
2. Homesite Leases
3. Land Withdrawals for Development
4. Mission/Church Site Leases
5. Infrastructure Development/Improvements
6. Zoning Ordinances
7. Ceremonial Site Leases
8. Airport
9. Cemetery
10. Recreation Facility
11. School
12. Veterinary Facility
13. Ranger & Fire Stations
14. Landfill
15. Rodeo Grounds
16. Warehouses
17. Other(s)

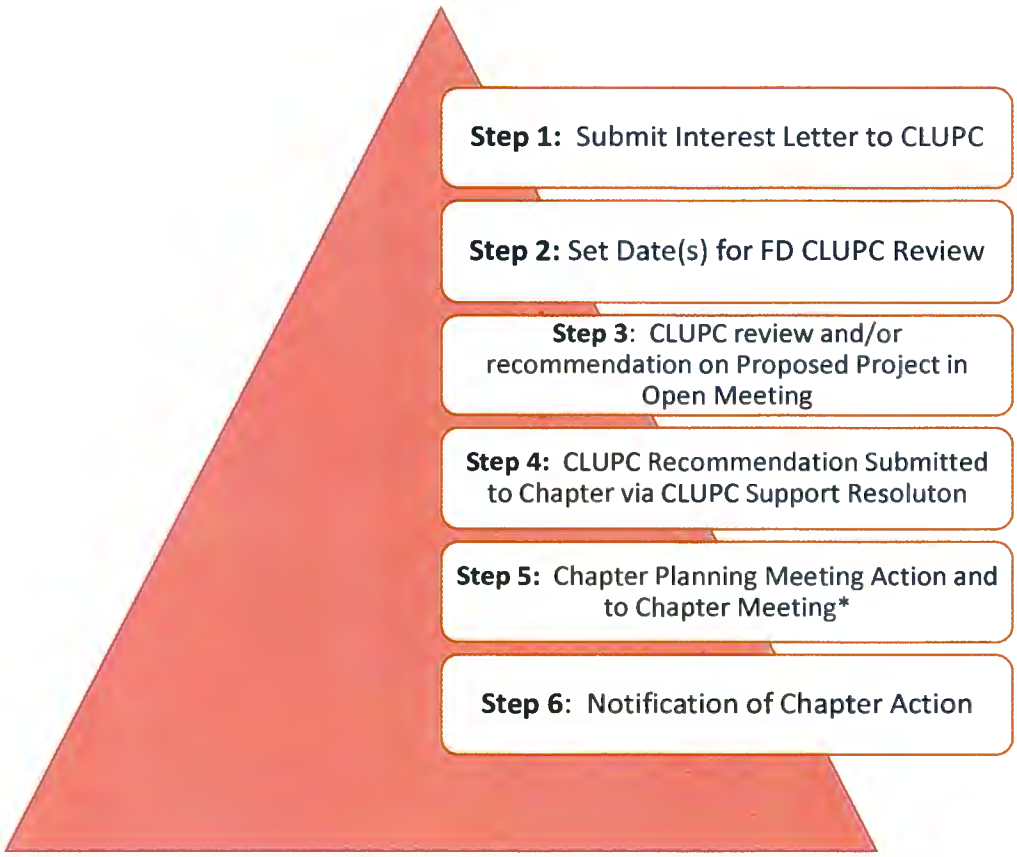
All proposed development projects will go through a review process. Major projects and Comprehensive Land Use Plans will have additional requirements.

B. Minor Projects Review and Approval Process

Fort Defiance Chapter's Community Land Use Planning Committee (FD CLUPC)'s **Minor Projects** are defined as:

- ✓ Homesite Leases; and
- ✓ All projects which do not meet the requirements for major projects as defined below.

Graph A: Minor Project Review & Approval Process



Denied: Chapter may request additional information or table action.

Minor Project Review & Approval Process

Step(s)	Action(s)
One (1)	**Initial Project Letter of Interest**
Processes	
Submit a Letter of Application to the FD CLUPC. This letter will describe the project, outline the requested action, business proposal/business plan, list the name, address and phone number of the Applicant, and provide a location map, survey and site plan for the proposed project.	
Step(s)	**Action(s)**
Two (2)	**Set Date(s) for FD CLUPC Review**
Processes	

FD CLUPC will add the proposed project to their next meeting agenda and/or will set up a project review meeting, which will occur within one (1) month of receipt of the Letter of Application. The FD CLUPC will send a letter back to the Applicant notifying them about the day, time and place of the review. FD CLUPC will also make a public notification of such notice that shall be provided at least seventy-two (72) hours before the FD CLUPC Meeting.

Step(s)	Action(s)
Three (3)	**FD CLUPC Review and Recommendation(s)**

Processes

FD CLUPC will review the proposed project(s) in a meeting open to the public. The Applicant will have an opportunity to present their proposed project via powerpoint and/or handouts and to answer questions regarding the project. Chapter members and community members will have an opportunity to express their support or concerns regarding the project

FD CLUPC will then discuss and consider the proposed project and may request additional information from the Applicant. FD CLUPC has the authority to set conditions and/or requirements on the project.

FD CLUPC will take action(s) to make a recommendation regarding the proposed project based on an approved FD CLUPC Support Resolution and will submit this recommendation to the next Chapter Planning Meeting. FD CLUPC has the ability to table or postpone this action to later meetings if additional study or information is required.

Step(s)	Action(s)
Four (4)	**FD CLUPC Recommendation(s) Chapter Submittal**

Processes

Once FD CLUPC has made their recommendation to the Chapter Planning Meeting, the FD CLUPC Secretary will write up a recommendation report along with a request for the item(s) to be placed on the agenda for the Chapter Planning Meeting to be considered for approval at the next scheduled Chapter Meeting. The Chapter Administration will make copies of the recommendation report and will send one to the Applicant, post one (1) on a public information bulletin board at the Chapter House, distribute a copy to each of the Chapter Officials and file a record copy at the Chapter Office. The Chapter Administration* can also electronic post (email or via website) this information along with a notice of the next scheduled Chapter Meeting.

Step(s)	Action(s)
Five (5)	**FD Chapter Meeting Action**

Processes

At the Chapter Planning Meeting, the Chapter Officials will discuss and consider the proposed project and may request additional information from the Applicant. It shall be required of the Applicant to attend the Chapter Planning Meeting.

At the Chapter Planning Meeting review of the proposed project, the Applicant will have an opportunity to make a presentation to the Chapter. Chapter Officials will make a motion to approve or deny the proposed project.

At the Chapter meeting, members of the public will have an opportunity to express their support or concern regarding the project. The Chapter President or his/her "designee" will have the authority to set a time limit on public comments as long as that time limit is applied equally to all commenter and the time limit is stated at the beginning of the comment period.

The Chapter membership attending the meeting will then vote on the motion. The Chapter has the ability to table or postpone this action to later meetings if additional study or information is required.

The Chapter will also take action to forward the Chapter's decision to the Navajo Nation in the form of a Chapter Resolution and if approved; the Chapter's Support Resolution is there and business will be given two (2) years development period with the possible extension, if undeveloped within one (1) year.

Step(s)	Action(s)
Six (6)	**Notification of Chapter Action(s)**
Processes	
Within two (2) weeks of the Chapter's action, the Chapter will send the Applicant a letter informing them of the Chapter's Action and a letter with an official Chapter Resolution attached to the appropriate Division or Department of the Navajo Nation and/or the Bureau of Indian Affairs Office in Window Rock, Arizona, such as the Navajo Land Department's Project Review Section and Natural Resources.	

C. Major Projects Review and Approval Process

Fort Defiance Chapter's Community Land Use Planning Committee (FD CLUPC)'s

1. Purpose of Review Requirements

Major Projects will go through a two (2) phase project review. The first phase will be a Conceptual Master Plan Review and the second phase will be a Final Project Review.

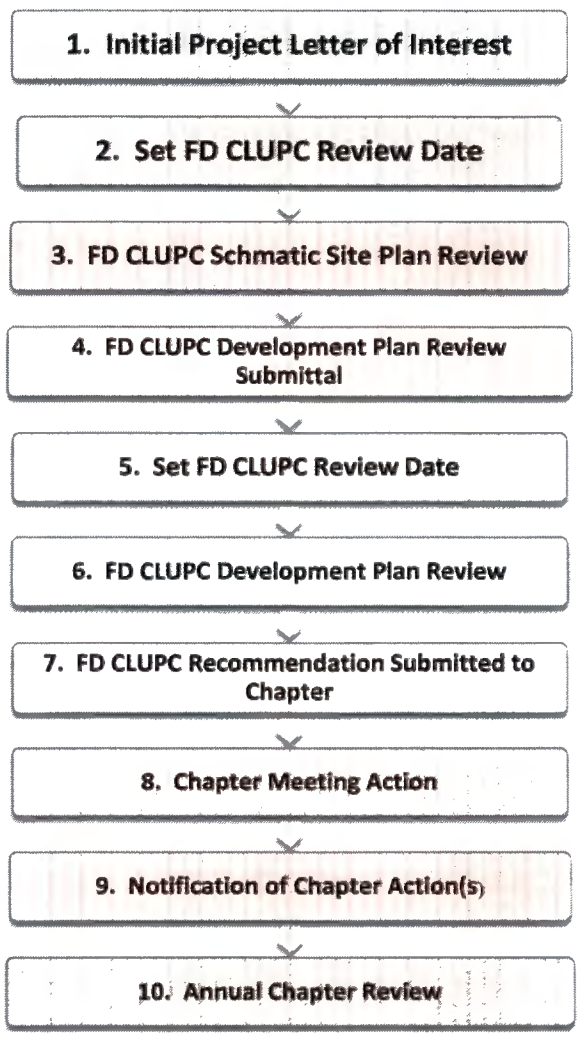
The purpose of the two (2) phase approach will be to provide the FD CLUPC with an opportunity to review large projects at an early stage of development in order to assess the impact the project will have on the community and to determine if there are any potential adverse impacts that can be mitigated.

The Conceptual Master Plan review allows the FD CLUPC and to evaluate a project's impact on the community, Chapter member's concerns about the project and to recommend changes that would mitigate or eliminate potential adverse impacts.

The Final Project Review will take place at the point the Applicant is ready to move into the plan development and construction phase. The purpose of the review is to evaluate whether the Applicant has adequately resolved all of the potential adverse impacts that were identified in the first phase review.

Since Large Projects are more complex and have the potential for greater impacts on the community; more detailed information about the projects will be required to give the FD CLUPC adequate information to evaluate the project.

Graph B: Letter of Application and Schematic Site Plan Review



Step(s)	Action(s)
One (1)	**Initial Project Letter of Interest**

Processes

Submit a Letter of Application to the FD CLUPC. This letter will describe the project, outline the requested action, business plan/business proposal and list the name, address and phone number of the Applicant. The Letter of Application will include these additional attached items:

1. A location map.
2. A boundary and improvement survey prepared by a surveyor licensed in the State of Arizona & New Mexico.
3. An Archeological Records Check of records held at the Navajo Nation's Historic Preservation Department.
4. Attach an environmental assessment and archaeological survey clearance.
5. A schematic site plan for the proposed project.

The schematic site plan will incorporate the following information and some of this information can be preliminary and conceptual:

→ Base map using the boundary and improvement survey information. This will show the proposed property boundary; topographical features; existing roads and structures; existing trees or tree-lines; wells and/or other water features including dams, dikes, ponds, etc.; the general location and extent of any archeological features identified, by the Archeological Records Check, on the site or within 100 feet of the site; and topographical lines at two-foot intervals for areas which are either a less than 3 degree slope or a greater than a 20 degree slope.

→ Conceptual location and footprint of the proposed new buildings, and notes as to the re-use or demolition of any existing structures. Notes will be made on the total square footage and the number of stories for each building; the proposed use for each building; and the proposed construction materials.

→ Conceptual location of new roads, driveways, parking areas, docking areas, and storage areas. The plan will show access and egress into the site and indicate how the site access will be made from primary or secondary roads or highways. Parking areas will be laid out showing parking spaces and driveways and the amount of proposed parking will be calculated and written on the plan. Storage areas will note the types of materials to be stored.

→ Conceptual location of any pedestrian walkways, patios, plazas, playgrounds and/or recreational facilities.

→ Location of trash bins.

→ Concept for site landscaping.

→ Preliminary information regarding the potential water use of the building will be noted and this will include information regarding the number of toilets, sinks and kitchen facilities; any recreational or spa uses of water in the facility; landscape watering; other water uses; and any water re-use or water harvesting.

→ Preliminary information regarding the location of and size of utilities. This might include the location of new power and gas line extensions, the location of propane tanks, the location of water and wastewater lines, the location of wastewater treatment facilities, and the location of communication system lines or facilities. A preliminary assessment of the average daily total potable (drinkable) water demand and the amount of wastewater to be treated is required along with a description on how the Applicant proposes to treat and dispose of the wastewater.

A conceptual plan for emergency services on the site is required. This plan might include information about fire safety and fire suppression systems, emergency services access and egress, and other emergency planning which may be applicable to the site related to flooding, wildfires, and other emergencies.

Step(s)	Action(s)
Two (2)	**Set Date for FD CLUPC Review**
Processes	

FD CLUPC will add the proposed project to the agenda for their next meeting or will set up an initial project review meeting, which will happen within one (1) month of receipt of the Letter of Application. The Chapter will send a letter back to the Applicant notifying them about the day, time and place of the initial project review. The Chapter/FD CLUPC will also make a public notification of the review via a locally distributed and read newspaper. Such notice shall be provided at least seventy-two (72) hours before the Chapter Meeting.

Step(s)	Action(s)
Three (3)	**FD CLUPC Schematic Site Plan Review**
Processes	

FD CLUPC will conduct the initial project review in a meeting open to the public. The Applicant will have an opportunity to present their proposed project and to answer questions regarding the project.

FD CLUPC will then discuss and consider the proposed project and may request additional information from the Applicant. FD CLUPC has the authority to set conditions and/or requirements on the project.

FD CLUPC will then either schedule a next review meeting or will accept the Schematic Site Plan and give the Applicant permission to move the project to the Development Plan stage. FD

CLUPC has the ability to table or postpone this action to later meetings if additional study or information is required.

Step(s)	Action(s)
Four (4)	**FD CLUPC Development Plan Submittal Review**

Processes

The Applicant has up to eighteen (18) months after the date FD CLUPC accepts the Schematic Site Plan to prepare the Development Plan and submit it to the Chapter for review and approval. The Applicant will have the option to request one (1) extension of time before submittal.

The Development Plan submittal shall be similar to the requirements for the Schematic Site Plan, but will present the final site plan and development that the Applicant seeks to construct. Therefore, information regarding the design and engineering for the project must be at a stage where the next development step would be to create the construction documents for the project. All information regarding the site design, the building locations and sizes, the landscaping and the utilities must be complete and final.

Additional information to be included in the Development Plan submittal includes:

→ A preliminary environmental assessment. This assessment will look at the impact the project might have on the surrounding environment as it relates to water run-off, on-site air pollution, night sky light pollution, noise, and traffic impacts. Potential impacts will be identified and mitigation plans will be incorporated into the Development Plan.

→ Utility requirements for electric, gas, water and wastewater will be delineated. The Development Plan will show how the project will collect, treat and dispose of wastewater and storm run-off water.

→ The Applicant will provide documentation showing the Development five (5) pro-forma for the project as well as the proposed financing for the project. FD CLUPC will review these documents to determine the financial stability of the proposed project before making a final decision.

→ The Development Plan will incorporate any and all conditions that FD CLUPC may have imposed on the project during the Schematic Site Plan review.

Step(s)	Action(s)
Five (5)	**Set Date for FD CLUPC Review**

Processes

FD CLUPC will add the proposed project to the agenda for their next meeting or will set up an initial project review meeting, which will happen within one (1) month of receipt of the Letter of Application. The FD CLUPC will send a letter back to the Applicant letting them know the

day, time and place of the Development Plan review. The Chapter will also make a public notification of the review via a local bulletin board.

Step(s)	Action(s)
Six (6)	**FD CLUPC Development Plan Review**

Processes

FD CLUPC will conduct the Development Plan Review in a meeting open to the public. The Applicant will have an opportunity to present the Development Plan and to answer questions regarding the project. Chapter Members and members of the public will have an opportunity to express their support or concerns regarding the project.

FD CLUPC will then discuss and consider the proposed project and may request additional information from the Applicant. FD CLUPC has the authority to set conditions and/or requirements on the project.

FD CLUPC will then either schedule a next review meeting or will accept the Development Plan and take action to make a recommendation regarding the proposed project to the next Chapter Planning Meeting. FD CLUPC has the ability to table or postpone this action to later meetings if additional study or information is required.

Step(s)	Action(s)
Seven (7)	**FD CLUPC Recommendations Chapter Submittal**

Processes

After FD CLUPC has made their recommendation(s), the FD CLUPC Secretary will write up a recommendation report along with a request for the item to be placed on the agenda for the Chapter Planning Meeting to be considered for approval at the next scheduled Chapter Meeting.

FD Chapter Administration will make copies of the recommendation report and will send one to the Applicant, post one on a public information bulletin board at the Chapter House, distribute a copy to each of the Chapter Officials and file a record copy at the Chapter Offices

The Applicant will also receive written notice regarding the day, time and location of when the Chapter will review and take action on the proposed project. Such notice shall be provided at least seventy-two (72) hours before the Chapter Meeting.

Step(s)	Action(s)
Eight (8)	**FD Chapter Meeting Action(s)**

Processes

At the Chapter Meeting review of the proposed project, the Applicant will have an opportunity to make a presentation of the Development Plan to the Chapter. Chapter Members and community members will have an opportunity to express their support or concerns regarding

the project. The Chapter President or his/her designee will have the authority to set a time limit on public comments as long as that time limit is applied equally to all commenter and the time limit is stated at the beginning of the comment period.

The Chapter Officials will make a motion to approve or deny the proposed project and the Development Plan. The Chapter membership attending the meeting will then vote on the motion. The Chapter has the ability to table or postpone this action to later meetings if additional study or information is needed.

The Chapter will also take action to forward the Chapter's decision on to the Navajo Nation in the form of a Chapter Resolution; this Resolution will include the power and the conditions under which the Chapter can rescind project approval.

Step(s)	Action(s)
Nine (9)	**Notification of FD Chapter Action(s)**

Processes

Within one (1) month of the Chapter's action, the Chapter will send the Applicant a letter informing them of the Chapter's Action and a letter with the Chapter Resolution attached to the appropriate Division or Department of the Navajo Nation and/or the Bureau of Indian Affairs Office in Window Rock.

Step(s)	Action(s)
Ten (10)	**Annual Chapter Review**

Processes

FD CLUPC and the Chapter will review the progress of the approved project and Development Plan on an annual basis. The Chapter reserves the right to rescind Chapter approval if the project is not following the Approved Development Plan and Conditions of Approval or if the project is not moving forward. The power to rescind and the conditions under which project approval can be rescinded will be incorporated into the Chapter Resolution approving the project.

FD CLUPC may, but is not required to, inform the Applicant of their intention to review the project's approval. FD CLUPC has the ability to table or postpone this action to later meetings if additional study or information is needed or if the FD CLUPC decides to invite the Applicant to make a presentation on the status of the project. Such notice shall be provided at least seventy-two (72) hours before the Chapter Meeting.

The purposes for reservation of the power to rescind project approval include but are not limited to:

- ✓ To prevent land identified as developable in the land use plan from sitting "fallow" for years because a group or individual holds a land withdrawal or business lease on the land but is not putting the land to beneficial use.

- ✓ To prevent sites and developments from being developed or used in a manner which are different from that which was approved by the Chapter in the Development Plan.
- ✓ To prevent partially completed but un-usable projects from being developed and sitting vacant; thus creating a image of "blight" in the community or creating a potential hazard to the health, safety and welfare of the people.

After the annual review, if the FD CLUPC should decide that approval should be rescinded for a specific project, the FD CLUPC will take official action to recommend the rescinding action to the Chapter Meeting on the following month. Such notice shall be provided at least seventy-two (72) hours before the Chapter Meeting.

Once the FD CLUPC has made their recommendation(s), the FD CLUPC Secretary will provide a write-up within the recommendation report along with a request for the recommendation to be placed on the agenda for the Chapter Planning Meeting to be considered for approval at the next scheduled Chapter Meeting. The Chapter Administration will make copies of the recommendation report and will send one to the Applicant, post one on a public information bulletin board at the Chapter House, distribute a copy to each of the Chapter Officials and file a record copy at the Chapter Offices.

The Applicant will also receive written notice regarding the day, time and location of when the Chapter will review and take action on rescinding project approval. Such notice shall be provided at least seventy-two (72) hours before the Chapter Meeting.

At the Chapter Meeting review of rescinding project approval, the Applicant will have an opportunity to make a presentation on the status of the project and the reasons why he feels project approval should not be rescinded. Chapter Members and members of the public will have an opportunity to express their support or concerns regarding rescinding approval. The Chapter President or his/her designee will have the authority to set a time limit on public comments as long as that time limit is applied equally to all commenter and the time limit is stated at the beginning of the comment period.

The Chapter Officials will make a motion to approve or deny the proposed rescinding of project approval. The Chapter membership attending the meeting will then vote on the motion. The Chapter has the ability to table or postpone this action to later meetings if additional study or information is needed.

The Chapter will also take action to forward the Chapter's decision on to the Navajo Nation in the form of a certified Chapter Resolution.

Within two (2) weeks of the Chapter's action, the Chapter will send the Applicant a letter informing them of the Chapter's Action and a letter with the Chapter Resolution attached to the appropriate Division or Department of the Navajo Nation and/or the Bureau of Indian Affairs Office in Window Rock, such as Navajo Land Department's Project Review Section and BIA's Real Estate Service Office.

APPENDIX B:

Fort Defiance Chapter's Community Land Use Plan Committee's Purpose, Roles and Responsibilities

Purpose, Roles & Responsibilities
Authored by: TPBCS & Ft. Defiance CLUPC

APPENDIX B:

Fort Defiance Chapter's Community Land Use Plan Committee's Purpose, Roles and Responsibilities

A. FORT DEFIANCE COMMUNITY LAND USE PLANNING COMMITTEE (FORT DEFIANCE CLUPC) VISION AND MISSION STATEMENTS

Fort Defiance CLUPC members shall seek and solicit input and participation of all members of Fort Defiance Community at which time there will be an opportunity to approve or disapprove a recommended land use plan. It is critical for this plan to be accepted and adopted by the majority of the community members.

B. FORT DEFIANCE COMMUNITY LAND USE PLANNING COMMITTEE (FORT DEFIANCE CLUPC) PURPOSE

1. The purpose of the Fort Defiance Community Land Use Planning Committee (FD CLUPC) is to seek, prepare, develop and implement a most viable and practical method to plan and promote the best use of land available for the purpose of improving the social, economic and welfare of the residents of Fort Defiance community.
2. FD CLUPC shall be to approve all processes for the planning activities according to 26 N.N.C. (2004); and shall execute and oversee functions associated with planning, designing, implementing and evaluating of local developments and zoning ordinances for the community.
3. FD CLUPC, with the support of the FD Chapter Officials, shall have the option to enact on 26 N.N.C (2004) for the development of local needs as well as to unify the community by bringing businesses and opportunities.

C. FORT DEFIANCE CHAPTER'S COMMUNITY LAND USE PLANNING COMMITTEE (FD CLUPC)'S ROLE AND RESPONSIBILITIES

Fort Defiance Chapter's Community Land Use Planning Committee (FD CLUPC) will serve as the advisory committee to the Chapter Officials and the Chapter on land use and development project issues. The FD CLUPC will act in good faith and the best of their ability to perform the following role and responsibilities:

1. All FD CLUPC members shall abide by the following principles and guidelines in order to perform their duties in a manner conductive to promoting and protecting the best interest of community members.

2. All members shall make every effort to attend all meetings as scheduled, including those called in emergency situations without proper notice. Members shall notify the CLUP President, in his absence the Vice President, regarding inability to attend.
3. All members shall be conducted and actions taken according to the Roberts Rules of Order procedure, whereby all decisions rendered shall constitute a majority rule principle.
4. Due to the sensitive nature of issues pertaining to land use and land use permittees.
5. Comply with 26 N.N.C. § 2004. Zoning; Community Land Use Plan; Land Use Variation.
6. Develop and/or revise CLUPC Plan of Operation every five (5) years.
7. Initiate and/or prepare Community Land Use Plan (original and 5-year revisions).
8. Approve the processes for planning/oversee planning activities (including, but not limited to the development of master plan, ordinances, Alternative Form of Government (AFOG), emergency response plan, capital improvement project plan, comprehensive plan, and strategic plan).
9. FD CLUPC can hire and supervise a "Planner" pending on funding availability and/or seek technical assistance from the Fort Defiance Community Chapter Officials, Navajo Nation, Federal, State and County Governments or other sources as needed.
10. Provide land use planning advice and recommendations to chapter officials and administrators (in conjunctions with a Planner).
    a) Community education and participation plan.
    b) Community assessment(s)-baseline and annual.
    c) Inventory and assessment of resources and infrastructure-baseline and annual.
11. Initiate variations in land use such as land withdrawals, eminent domain, right-of-ways (in collaboration with chapter officials and administrators).
12. Coordinate with Navajo Nation Addressing Authority to collect data (in collaboration with chapter officials and administrators).
13. Subcommittees can be created to assist FD CLUPC and may include voting and non-voting members.
14. To inform community members of FD CLUPC activities and decisions through public education and participation efforts; and make monthly CLUPC reports to community membership at regular chapter meeting.
15. To establish a comprehensive land use plan including planning for land use, community infrastructure (utilities, roads and transportation), natural resources (open space) and recreation, community facilities, and public safety.
16. Review and revise this plan every five (5) years and obtain Navajo Nation's Resource and Development Committee (RDC)'s approval and re-certification for the plan.
17. To use the community-based land use plan as the guide and resource for the FD CLUPC to review and make recommendations to the Chapter on proposed development projects, land withdrawals, home site lease, business site lease, church site lease applications/permits, utility line extensions and community facilities.

18. To assist the Chapter in strategic planning for the community including the development of goals and objectives, community priorities and action plans.
19. To develop a growth management master plan, zoning ordinances and other land development standards and guidelines that will ensure that new growth and projects within the Chapter area are built in a manner that protects the health, welfare and safety of residents and visitors.
20. To develop plans and surveys for streets, traffic and community transportation needs.
21. To develop plans for cultural and civic centers and other community facilities.
22. To ensure that the Chapter's land use and land development planning activities are consistent with Navajo Nation and Federal guidelines.
23. To guide growth and development in a way that enhances the quality of life for community members.
24. To work with the Chapter Officials to review the state of the Chapter on an annual basis and to determine concerns which need planning policy development or review. This task would include an annual review of the Chapter's goals and objectives.
25. Conduct and complete Rural Addressing.
26. Members of FD CLUPC are required to comply with the Navajo Nation Ethics in the Government Law.

D. COMMUNITY LAND USE PLAN COMMUNITY MEMBERS & COMMITTEE SELECTION

Fort Defiance Chapter's Community Land Use has listed the following criteria and benefits for determining if a proposal is consistent with the FD CLUP.

1. The selection of the FD CLUPC members shall be by membership at a duly called Chapter meeting at which a quorum is present and shall be set forth in a certified Chapter resolution.
2. FD CLUPC's member shall comprised of five (5) voting members and the Community Service Coordinator (CSC) as liaison to conduct an official meeting to provide valuable contribution to the overall land use planning process. In the absence of the CSC the Account Maintenance Specialist and Senior Planner of the Local Governance Support (RDC) will assume the duties.
3. The FD CLUPC members shall elect new officers every two (2) years or when a vacancy occurs.
4. Committee members must be voting members of the Chapter. Sub-committee members can be voting or non-voting members of the chapter.
5. FD CLUPC members must adhere to the requirements of their Chapter's CLUPC Plan of Operation:

    a) CLUPC President presides over duly called meetings, sign and verify documents on behalf of the FD CLUPC.
    b) CLUPC Vice President assumes duties and responsibilities of the CLUPC President for meeting purposes only, or as delegated (i.e., signatures on claim forms, resolutions, and correspondence).

c) The Secretary/Treasurer takes roll, keeps minutes and maintains records and documentation; post Agenda a week prior to scheduled meetings including public notices; and shall submit meeting minutes at the Chapter within five (5) days.

E. COMMUNITY LAND USE PLAN AMENDMENTS

Fort Defiance Chapter's Community Land Use has listed the following criteria for determining if a proposal is consistent with the FD CLUP. Frequent changes to the FD CLUP are not recommended. There will, however, be cases where the "elements" content of the Plan is determined to be outdated or inconsistent with the evolving needs of the Fort Defiance community. In such cases, the Fort Defiance's Community Land Use Plan may need to be amended. Since considerable local community involvement contributed to the creation of the Community Land Use Plan, any and all major updates to the Plan should be accompanied by opportunities for local community involvement.

APPENDIX C:

Fort Defiance Chapter's Community Land Use Plan Committee Process and Public and Community Involvement & Implementation

Public and Community Involvement & Implementation Public and Community Involvement & Implementation

Authored by: TPBCS & Ft. Defiance CLUPC

APPENDIX C:

Fort Defiance Chapter's Community Land Use Plan Committee Process and Public and Community Involvement & Implementation

A. PROCESSES AND PUBLIC AND COMMUNITY INVOLVEMENT

Despite the strides being made, sustainable economies must be created. Our work with the tribes, their local communities and individual tribal members has found that the following are critical to successful development:

Strategic Vision: There must be a common vision about the future of the community vision that is clearly defined, prioritized, and have community buy-in (or at least have informed consent).

Informed Consent on Use of Land: Land is the most precious resource and, consequently, is often the most controversial. Observations are that the more successful tribes have identified boundaries (clan, village, jurisdiction, etc.); traditional use of land; and land status (trust, fee, allotted, etc.). This process must also identify the availability of land for development.

Strong Governing Institutions & Leadership: Successful tribes have in place a constitution or form of governance that is accepted, defines how government is organized, and how it will operate. They have an internal institutional framework such as regulatory (codes), judicial (dispute resolution), and business development processes (land use plans, etc.) to support effective implementation and separation of politics from business. This also includes a stable leadership (term lengths that allow for greater stability and authorities defined and accepted); astute leadership skills; and tribal staff that are educated/experienced allowing them to get things done.

Exercise of Sovereignty: Although every Indian nation has sovereign status, observations show those Arizona tribes who have taken responsibility for their future and actions are most successful. Some examples of this are the contracting of Federal programs, replacing federal codes with tribal codes, a commitment to economic development by the local/tribal decision-makers and the resources to develop the physical infrastructure to achieve such; and most importantly, a belief in self and in tribal members.

Strong Sense of Self & Cultural Identity: Whether considered to be traditional or assimilated, successful Arizona tribes have a clear sense of their values and cultural identity. These tribal/cultural values become the basis of, and are prominent in, decision-making and enhance tribal skills.

Politically Active & Savvy: The more successful Arizona tribes engage in strategic politics. They identify key players, solicit and obtain their support, cross party lines, make financial contributions to those who support Indian issues and maintain constant communications. Most important, however, is that they have been successful in educating their citizenry about the importance of voting and getting them to the polls. Across the nation as in Arizona, tribes are vigorously exercising their sovereign rights to build sustainable economies. As the above list indicates, sustainability is not easy to achieve but must be strategically approached and implemented. The challenge for most Arizona Indian nations, however, is not insurmountable given the contributions and role they play in shaping Arizona's economy

1. Planning Process: The input from members of the community was essential to the planning process. To this end, the FD CLUPC conducted community meetings and disseminated the comprehensive community survey. Housing and infrastructure issues were identified and prioritized. The concerns, ideas and recommendations which resulted from these inputs were synthesized and now make up the community land use plan. The process for community input consisted of several public meetings, of which the first were informational gathering, and thereafter were presentation of the finalized findings.

B. FORT DEFIANCE COMMUNITY LAND ELEMENT - IMPLEMENTATION

This section provides recommendations for successful implementation of the Fort Defiance Chapter's CLUP. Implementation of the Plan will involve translating policies into zoning ordinances and translating future land use map into zoning maps. It will involve establishing a Zoning Officer position to monitor and enforce the zoning regulations. And since regulations are being established, the Chapter will need to set up a legal administration review process to ensure due process for all residents. These topics are discussed in this Chapter.

1. Zoning Ordinances

The basic components of a land use regulatory system are the comprehensive plan and zoning ordinances (Kelly and Becker 2000). Zoning ordinances are used to limit the types of uses allowed in developing areas. Zoning is a system which regulates what uses may be made of land, where the uses may be located, how the uses may be conducted, and the restricted uses of land to further the public health, safety and general welfare of the community (Kelly and Becker 2000). The purpose of a zoning ordinance is to implement community values reflected in a comprehensive plan and provide authority to regulate uses of land within the Chapter.

Developing zoning ordinances will require a professional to work with the Chapter to ensure that the ordinances are consistent with the intent of the comprehensive CLUP. The officials

in the zoning process may include a Planner or a Zoning Compliance Officer to work for the Chapter on planning and development matters and a Hearing Examiner or a professional who serves as administrative law judge for quasi-judicial land use matters. If the Chapter does not have an administrative review process, it can use the local Navajo Nation District Court.

The ordinance must be easy to understand and should not cause any undue burden to residents. Once a zoning ordinance is adopted by the Chapter membership, the Chapter government and FD CLUPC must be prepared to monitor and enforce the ordinance.

2. Subdivision and Building Ordinances

The Fort Defiance Chapter may decide to adopt other ordinances to complement the zoning ordinance, such as subdivision and building ordinances. Subdivision ordinances can complement zoning ordinances by further defining the quality of new developments such as the creation of lots, blocks, streets, utilities and other improvements within the subdivision (Kelly and Becker 2000). Building ordinances are mainly for public health and safety purposes. They are written provisions and structural requirements for the construction, repair, alteration, or addition to a structure. They can regulate such factors as building height, building coverage, building materials, size of building, and permit requirements. In addition, building ordinances can stipulate the building design to ensure that they blend in with the nature of the community.

3. Monitoring and Enforcement

Implementation of a zoning, subdivision and building ordinance requires: 1). daily administration, 2). monitoring, 3). a quasi-judicial permit process, 4). legislative amendments, 5). rezoning, and 6). enforcement (Kelly and Becker 2000). The proposed Planner and/or Enforcement Officer is responsible for reviewing all proposed developments to ensure their compatibility with the comprehensive CLUP and the zoning ordinance and to make recommendations to the land commission. The proposed Planner and/or Enforcement Officer are also responsible for inspecting new buildings to ensure conformance to the zoning ordinance. The ability to enforce a zoning ordinance or any other ordinance for that matter is as important as the ordinance itself.

4. Understand the Legal Framework

The community officials, committee(s) and citizens involved in the planning of their community must have an understanding of the Navajo Nation's legal framework. In implementing LGA authority, there are two main issues that must be kept in mind, especially as chapters develop local ordinances:

a) Navajo Nation Law. The Navajo Nation has a comprehensive set of codes and Chapter governments cannot exceed this authority. However, Chapter

governments should develop ordinances that build upon these codes to meet the specific needs of the local government.

b) Due Process. Ordinances should provide equal treatment and due process for all individuals. Chapter governments must understand jurisdictional issues relating to non- tribal members.

5. Continue Education

In adopting a zoning ordinance the Zoning Commission should develop a theme to explain the goals of the ordinance and how it will help the Chapter. It will need to involve the community to generate support for the ordinance and publicize the need and benefits of the new regulations. It will also have to notify the development community of the new code, such as utility operators, schools, churches, etc.

6. Conclusion

The CLUPC sets forth the vision and long range goals of the Fort Defiance community, which are intended to address the most pressing issues confronting the community and achieve long range goals. Implementation of this Plan requires adherence to the policies and future zoning ordinances. The implementation process will be difficult and lengthy, but will be well worth the effort. The implementation process may take up to ten (10) years, but the starting point is the development of the necessary ordinances which can occur much sooner.

Ft Defiance Chapter

Community Land Use Plan (CLUP) Survey

Constant Contact Survey Results

Survey Name: Ft Defiance Chapter Community Survey

Response Status: Partial & Completed

Filter: None

11/22/2017 11:46 AM MST

Please rank the COMMUNITY statement below on a scale of 1 to 5 regarding the importance of the Fort Defiance Community to you. (1 = Not Important to 5 = Most Important)

1 = 1-Not Important, 2 = 2-Somewhat Unimportant, 3 = 3-Indifferent, 4 = 4-Somewhat Important, 5 = 5-Most Important

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Strong sense of community pride?						130	4.4
Public participation and/or Community Involvement?						129	4.4
Diversity among residents and neighbors?						128	3.9
Maintaining the community as it is?						127	3.7

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Please rank the QUALITY OF LIFE statement below on a scale of 1 to 5 regarding the importance of the Fort Defiance's Quality of Life to you. (1 = Not Important to 5 = Most Important)

1 = 1-Not Important, 2 = 2-Somewhat Unimportant, 3 = 3-Indifferent, 4 = 4-Somewhat Important, 5 = 5-Most Important

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Healthy & Safe Community?						127	4.7
Housing for residents of varying ages and income levels?						125	4.6
Diversity in houses of worship?						125	3.9
Increase family time?						126	4.4

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Please rank the MOBILITY AND TRANSPORTATION statement below on a scale of 1 to 5 regarding the importance of Fort Defiance's Mobility and Transportation to you. (1 = Not Important to 5 = Most Important)

1 = 1-Not Important, 2 = 2-Somewhat Unimportant, 3 = 3-Indifferent, 4 = 4-Somewhat Important, 5 = 5-Most Important

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Accessible Public Transportation?						130	4.5
Roads safe for walking and biking?						129	4.7
Linkage to regional or reservation wide transportation opportunities?						127	4.5
Maintaining the existing community roadways as they currently exist with little or no change?						125	4.0

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Please rank the ENVIRONMENT statement below on a scale of 1 to 5 regarding the importance of Fort Defiance's Environment to you. (1 = Not Important to 5 = Most Important)

1 = 1-Not Important, 2 = 2-Somewhat Unimportant, 3 = 3-Indifferent, 4 = 4-Somewhat Important, 5 = 5-Most Important

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Preservation of wildlife habitat?						130	4.4
Clean Air?						129	4.8
Clean Water?						129	4.8
Saving energy resources?						129	4.7
Exploring alternative form of energy production and reduction of waste?						126	4.7
Installing & establishing alternative forms of energy productions: windmill or wind energy production?						129	4.7
Installing & establishing alternative forms of energy productions: solar panel energy production?						129	4.7

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Please rank the ECONOMY statement below on a scale of 1 to 5 regarding the importance of Fort Defiance's Economy to you. (1 = Not Important to 5 = Most Important)

1 = 1-Not Important, 2 = 2-Somewhat Unimportant, 3 = 3-Indifferent, 4 = 4-Somewhat Important, 5 = 5-Most Important

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Variety of local businesses?						128	4.4
Local employment opportunities?						129	4.7
Incorporating commercial development into appropriate community design?						128	4.3
Access to and use advances in technology?						128	4.6

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

TextBlock:

COMMUNITY VALUES: What is the best way to accommodate future growth?

How long have you been a resident of Fort Defiance and/or surrounding communities?

Answer	0% 100%	Number of Response(s)	Response Ratio
Less than 1 year		3	2.3 %
1 to 5 years		6	4.6 %
6 to 10 years		7	5.4 %
11 to 15 years		9	7.0 %
16 to 20 years		7	5.4 %
21 to 25 years		7	5.4 %
More than 25 years		89	69.5 %
	Totals	**128**	**100%**

Are you a registered voter of Fort Defiance Chapter?

Answer	0% 100%	Number of Response(s)	Response Ratio
Yes		110	83.9 %
No		12	9.1 %
Another Chapter, please indicate below:		1	<1 %
Other		7	5.3 %
No Response(s)		1	<1 %
	Totals	**131**	**100%**

What is your gender?

Answer	0% 100%	Number of Response(s)	Response Ratio
Male		51	38.9 %
Female		72	54.9 %
No Response(s)		8	6.1 %
	Totals	**131**	**100%**

How many individuals in your household are in the following age ranges?

1 = 1, 2 = 2, 3 = 3, 4 = 4, 5 = 5, 6 = 6, 7 = 7, 8 = 8+

Answer	1	2	3	4	5	6	7	8	Number of Response(s)	Rating Score*
9 or younger									32	1.5
10 to 14 years of age									24	1.4
15 to 19 years of age									22	1.1
20 to 24 years of age									24	1.4
25 to 34 years of age									39	1.3
35 to 44 years of age									36	1.4
45 to 54 years of age									34	1.2
55 to 64 years of age									34	1.4
More than 64 years of age									29	1.3

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

About how much was the gross income for your household in 2016? (Include all persons in the household for which a tax return was filed).

Answer	0%	100%	Number of Response(s)	Response Ratio
Less than $10,000			19	14.9 %
$10,000 to $14,999			6	4.7 %
$15,000 to $24,999			21	16.5 %
$25,000 to $34,999			11	8.6 %
$35,000 to $49,999			10	7.8 %
$50,000 to $74,999			25	19.6 %
$75,000 to $99,999			13	10.2 %
$100,000 to $149,999			10	7.8 %
$150,000 to $199,999			6	4.7 %
$200,000 or more			0	0.0 %
Not Applicable or Did Not File			8	6.2 %
		Totals	**127**	**100%**

What is the highest level of education attainment among those in your household?

1 = 1, 2 = 2, 3 = 3, 4 = 4, 5 = 5

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Less than High School						17	1.6
Some College						47	1.5
College Degree						51	1.3
High School/GED						36	1.5
Associate or Technical Degree (2 Years)						32	1.3
Post Graduate Work or Degree						21	1.1

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Overall, how satisfied are you with Fort Defiance/vicinity as a place to live?

Answer	0%	100%	Number of Response(s)	Response Ratio
Satisfied			45	34.3 %
Somewhat Satisfied			45	34.3 %
Somewhat Dissatisfied			26	19.8 %
Dissatisfied			12	9.1 %
No Response(s)			3	2.2 %
		Totals	**131**	**100%**

TextBlock:

Future population growth will result in an increase number of land-use decisions facing Fort Defiance Chapter and community.

What type of economic or business development initiative do you think Fort Defiance community needs?

1 = Agree, 2 = Allow but Not Encouraged, 3 = Disagree

Answer	1	2	3	Number of Response(s)	Rating Score*
Convenience Store				126	1.4
Other Services (ie health, gasoline, restaurant, etc)				130	1.2
Shopping Centers or Other Retails				127	1.3
Office Parks				124	1.4
Other Office-Type Businesses				128	1.4
Agricultural-related Businesses				126	1.3
Recreational Facilities (ie youth centers or multi-purpose buildings)				127	1.2
Family Farms				124	1.4
Community Farms				122	1.5
Large Corporate Livestock Farms				122	1.9

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

What type of economic or house development initiative(s) do you think Fort Defiance community needs?

1 = Agree, 2 = Allow but Not Encouraged, 3 = Disagree

Answer	1	2	3	Number of Response(s)	Rating Score*
Light Industry & Manufacturing				126	1.6
Heavy Industry & Manufacturing				125	1.8
Mineral Extraction				128	2.3
Condominiums				125	1.8
Dupluxes				129	1.6
Mobile-Home Parks				128	1.6
Multi-family Residences				129	1.4
Single-family Residences				128	1.3
Scattered Site Homes				128	1.5
Clan Pods/Clustered				123	1.7

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

1 = Strongly Promote, 2 = Promote, 3 = Take No Action, 4 = Discourage, 5 = Strongly Discourage

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Environmental Preservations						129	1.6
Farmland Preservation						129	1.8
Industrial Development						124	2.1
Residential Development						129	1.7
Commercial Development						128	1.8
Recreational Facilities						128	1.5
Tourism Development						129	1.7
Employment Opportuniities						129	1.4
Youth Recreational Center/Activities						129	1.5
Senior Citizen Center/Programs						125	1.4

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Continue: In planning for future development, to what degree should Fort Defiance Chapter's Officials promote or discourage action in each of the following areas? (check one box per item)

1 = Strongly Promote, 2 = Promote, 3 = Take No Action, 4 = Discourage, 5 = Strongly Discourage

Answer	1	2	3	4	5	Number of Response(s)	Rating Score*
Artisan Vendor/Training Programs						125	1.8
Small Business and/or Economic Development						129	1.5
Educational Institutional Development						126	1.5
Churches/Religion Purposes						126	2.0
Other(s) Comment Below:						20	2.0

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

From the list below, please check the most important issues and or concerns that you feel currently face the Fort Defiance Chapter/community. (check as many as possible)

Answer	0% — 100%	Number of Response(s)	Response Ratio
Amount of development in the Fort Defiance community as a whole.		89	70.6 %
Loss of farmland and/or agricultural activities.		60	47.6 %
Environmental degradation in the community (i.e., erosion, storm water run off, etc.)		83	65.8 %
Community Services & Facilities (i.e., police, fire, ambulance services, etc)		91	72.2 %
Recreational Opportunities		81	64.2 %
Schools and/or Higher Education Institutions		81	64.2 %
Crime		99	78.5 %
Available and/or Affordable Housing		87	69.0 %
Other		19	15.0 %
	Totals	**126**	**100%**

Are you satisfied with the public services in the Fort Defiance community? (The following list includes primary services provided to Fort Defiance residents. Please check the best corresponds to your level of satisfaction with each service).

1 = Very Satisfied, 2 = Satisfied, 3 = Uncertain or Undecided, 4 = Dissatisfied, 5 = Very Dissatisfied, 6 = Not Available

Answer	1	2	3	4	5	6	Number of Response(s)	Rating Score*
Police Services							128	3.3
Fire Services							127	2.9
Ambulance Services							127	2.6
Emergency Health Care							127	2.7
Public Water Service							128	2.6
Public Sewer Service							128	2.8
Recycling							126	3.9
High Speed Internet or Public Wifi Access							128	3.7
Cable Services							127	3.4
Electric Services							125	2.5

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

TextBlock:

Residential, Commercial and Industrial Land Use Issues: What Should Be Allowed and Where?

Where should new housing development be located in Fort Defiance?

Answer	0%	100%	Number of Response(s)	Response Ratio
Existing Navajo Housing Authority (NHA) locations.			50	39.0 %
Existing BIA locations (not located in Fort Defiance community.			51	39.8 %
Existing Indian Health Service (IHS) locations.			48	37.5 %
New mixed use town design (commercial, office, residential)			59	46.0 %
Homesite or Scattered Locations			61	47.6 %
None			10	7.8 %
No Opinion			21	16.4 %
Other			11	8.5 %
		Totals	**128**	**100%**

Should business development be concentrated in selected areas or dispersed throughout the community?.

Answer	0%	100%	Number of Response(s)	Response Ratio
Locate in the proposed/approved Fort Defiance's business corridor or location.			81	63.7 %
Locate in current or expired business site lease locations.			52	40.9 %
No Opinion			22	17.3 %
None			7	5.5 %
Other			7	5.5 %
		Totals	**127**	**100%**

TextBlock:

Please Refer to Map for Questions 21 & 22

Please indicate where you reside (please refer to the map). I live in Fort Defiance Chapter, Area (1=Central Area; 2=Coal Mine Area; 3=Black Rock/Goat Springs Area; 4=Blue Canyon/Deer Springs Area; and 5=Rabbit Brush Area)

Answer	0% 100%	Number of Response(s)	Response Ratio
1 (Central Area)		60	47.6 %
2 (Coal Mine Area)		10	7.9 %
3 (Black Rock/Goat Spring Area)		18	14.2 %
4 (Blue Canyon/Deer Springs Area)		16	12.6 %
5 (Rabbit Brush Area		1	<1 %
I live within another chapter, city, town or state. (please indicate location below)		17	13.4 %
I live in another Chapter but a member of Ft Defiance Chapter (identify your Chapter in Comment Section)		5	3.9 %
Other		9	7.1 %
	Totals	**126**	**100%**

Do you hold any land use leases or permits? Indicate which type and Areas (See Map, numbers "1" though "5."

Answer	0% 100%	Number of Response(s)	Response Ratio
Grazing Permit (Indicate Area in Comment Section Below)		32	28.3 %
Farming Permit (Indicate Area in Comment Section Below)		5	4.4 %
Housing Lease (Indicate Area in Comment Section Below)		47	41.5 %
Business Site Lease (Indicate Area in Comment Section Below)		0	0.0 %
No Grazing Permit, Farming Permit, Housing or Business Leases.		40	35.3 %
Other		4	3.5 %
	Totals	**113**	**100%**

Are you employed?

Answer	0% 100%	Number of Response(s)	Response Ratio
Yes		54	43.5 %
No		32	25.8 %
Self Employed		12	9.6 %
Retired		32	25.8 %
Student		6	4.8 %
Other		1	<1 %
	Totals	**124**	**100%**

If employed, indicate where you work:

Answer	0% 100%	Number of Response(s)	Response Ratio
Within Fort Defiance.		33	28.6 %
Outside Fort Defiance but within 20 mile radius of the Chapter.		19	16.5 %
Other Chapter, City or town/state (please indicate in Comment Section)		16	13.9 %
Not Applicable or Unemployed		52	45.2 %
	Totals	**115**	**100%**

Please check the following selection with 1-being the most important to 5-least important. What is best about Fort Defiance's land development purposes right now?.

1 = 1 - Very Important, 2 = 2 - Important, 3 = 3 - Neutral, 4 = 4 - Somewhat Important, 5 = 5 - Least Important

Answer	1 2 3 4 5	Number of Response(s)	Rating Score*
Current Facilities at Fort Defiance /surrounding communities.		123	2.0
Highway corridors available for development.		122	2.1
Areas of traditional and historical importance.		122	1.9
Agricultural Land.		122	2.2
Residential Areas.		122	1.9
Natural Beauty of the Area.		122	1.6

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Please rank, with (1) being the Most Important; (2) Neutral; and (3) being the Least Important; the three most important improvements that could be made to the Chapter's land area:

1 = 1 - Most Important, 2 = 2 - Neutral, 3 = 3 - Least Important

Answer	1	2	3	Number of Response(s)	Rating Score*
Develop more home-sites.				107	1.6
Preserve agriculture (while developing other areas).				97	1.9
Develop a better utility system.				101	1.5
Commercial, Economic or Industrial Development.				106	1.6
Housing (Scattered or Clustered)				102	1.7
Public Service Facilities (Hospital, Police/Fire Stations, etc.)				113	1.5

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Please rank, with (1) being the Most Important; (2) Neutral; and (3) being the Least Important; the following three most specific housing projects for the Fort Defiance Chapter:

1 = 1 - Most Important, 2 = 2 - Neutral, 3 = 3 - Least Important

Answer	1	2	3	Number of Response(s)	Rating Score*
New Subdivision (List preferred location in the Comment section).				100	1.7
Scattered Sites for Housing (List preferred location in the Comment section).				101	1.7
New Clustered Sites for Housing (List preferred location in the Comment section).				96	1.9
Clan pods (List preferred lcation in the Comment section).				66	2.0

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Please rank, with (1) being the most important, the top three actions that Chapter Officials/Navajo Nation Programs can take to improve the Fort Defiance community.

1 = 1 - Most Important, 2 = 2 - Important, 3 = 3 - Least Important

Answer	1	2	3	Number of Response(s)	Rating Score*
Develop Zoning Codes.				104	1.5
Establish Range Management Units (RMU).				98	1.8
Work with Grazing Permit holders for them to work with other Chapter needs.				108	1.5
Work with other Chapter on regional projects.				92	1.6
Work with Chapter on Livestock Management.				88	1.6
Other Actions (please list in Comment Section below)				30	1.7

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Please rank, with (1) being the most important, the top three actions that individuals households and families can take to improve the Fort Defiance community.

1 = 1 - Most Important, 2 = 2 - Important, 3 = 3 - Least Important

Answer	1	2	3	Number of Response(s)	Rating Score*
Obey all permit regulations.				107	1.3
Work with Officials to maintain agriculture.				88	1.7
Work with Officials regarding self-employment.				92	1.6
Respect and obey all Tribal resource laws.				110	1.5
Take an active role in Chapter government, programs, development & projects.				104	1.4
Other Actions (please list in Comment Section below)				20	2.0

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

What relates to your opinion regarding development in the Fort Defiance community? IN MY OPINION.....

1 = Yes, 2 = No, 3 = Do Not Know

Answer	1	2	3	Number of Response(s)	Rating Score*
...the Fort Defiance community has maintained utilizing the prior comprehensive land use plan as guidance for land use decisions.				121	2.1
...the Fort Defiance community must work more closely with the Chapter to reach community goals and objectives.				124	1.4
...the Fort Defiance Chapter takes the appropriate measures to preserve & protect open spaces, forestland, and recreational opportunities.				122	1.9
... the Fort Defiance Chapter takes appropriate measures to preserve & protect open space, forestlands, and recreational opportunities.				122	1.9
...the Fort Defiance Chapter guides development in the appropriate areas within the community.				120	1.9

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Other general suggestions and/or opinions:

21 Response(s)

Constant Contact Survey Results

Survey Name: Ft Defiance Tribal Programs Survey

Response Status: Partial & Completed

Filter: None

3/25/2018 9:28 PM MDT

Name of Organization and/or Program?

2 Response(s)

Organization/Program Information:

Answers	Number of Response(s)
First Name	2
Last Name	2
Job Title	2
Work Phone	2
Email Address	1
Address 1	2
Address 2	0
City	2
State/Province (US/Canada)	2
Postal Code	2
Physical Location	1
Website	1

Types of services and/products:

2 Response(s)

Current Number of Clients and/or Customers?

2 Response(s)

Description of Current Facility:

Answer	0% 100%	Number of Response(s)	Response Ratio
Administration (provide sf/acres in comment section below)		2	100.0 %
Conference Room (provide room size in the comment section below)		1	50.0 %
Offices (provide sq footage in comment section below)		0	0.0 %
Other		0	0.0 %
	Totals	**2**	**100%**

Does your current facility have handicapped accessibility?

Answer	0% 100%	Number of Response(s)	Response Ratio
Yes		2	100.0 %
No		0	0.0 %
No Response(s)		0	0.0 %
	Totals	**2**	**100%**

Is you current facility's parking lot.....? (provide additional information in the comment section below)

1 = Yes, 2 = No

Answer	1 2	Number of Response(s)	Rating Score*
Graveled?		1	1.0
Paved?		2	1.0
Unimproved?		0	0.0

*The Rating Score is the weighted average calculated by dividing the sum of all weighted ratings by the number of total responses.

Please provide the number of staff you have in your organization:

2 Response(s)

Are your current facility, staffing and/or programs adequate to meet your organization' needs? (if NO, please explain below in the comment section)

Answer	0% 100%	Number of Response(s)	Response Ratio
Yes		1	50.0 %
No		1	50.0 %
No Response(s)		0	0.0 %
	Totals	**2**	**100%**

Do you expect your organization's facility to expand over the next five (5) years? (Please provide the potential size for the expansion in the comment section)

Answer	0% 100%	Number of Response(s)	Response Ratio
Yes		2	100.0 %
No		0	0.0 %
No Response(s)		0	0.0 %
	Totals	**2**	**100%**

Do you expect your organization' client base to increase over the next five (5) years? (Please provide the number and/or percentage & reasons for the increase in the comment section)

Answer	0% 100%	Number of Response(s)	Response Ratio
Yes		1	50.0 %
No		1	50.0 %
No Response(s)		0	0.0 %
	Totals	**2**	**100%**

Do you expect your organization's programs to increase over the next five (5) years? (Please provide the reasons for the program increase in the comment section)

Answer	0% 100%	Number of Response(s)	Response Ratio
Yes		2	100.0 %
No		0	0.0 %
No Response(s)		0	0.0 %
	Totals	**2**	**100%**

Are there any future plans for expanding services, programs, and/or facilities in the next five (5) years? (Please provide the reasons for the expansion in the comment section)

Answer	0% 100%	Number of Response(s)	Response Ratio
Yes		2	100.0 %
No		0	0.0 %
No Response(s)		0	0.0 %
	Totals	**2**	**100%**

Are there any recommendations or potential projects for the Ft. Defiance community that you would provide to the Ft Defiance Chapter or Community Land Use Committee?

Answer	0% 100%	Number of Response(s)	Response Ratio
Yes		1	50.0 %
No		0	0.0 %
No Response(s)		1	50.0 %
	Totals	**2**	**100%**

Would you like to participate in the Ft. Defiance Community Land Use Plan Survey?? if so, just hit the link provided (Remember this land use plan needs information from community members, business owners, etc to provide an idea on what address within the next 5 years) If you want a hard copy, please put your info in the comment sections. Thanks!! Please visit our Community Land Use Survey link:

Answer	0% 100%	Number of Response(s)	Response Ratio
Yes		0	0.0 %
No		1	50.0 %
No Response(s)		1	50.0 %
	Totals	**2**	**100%**

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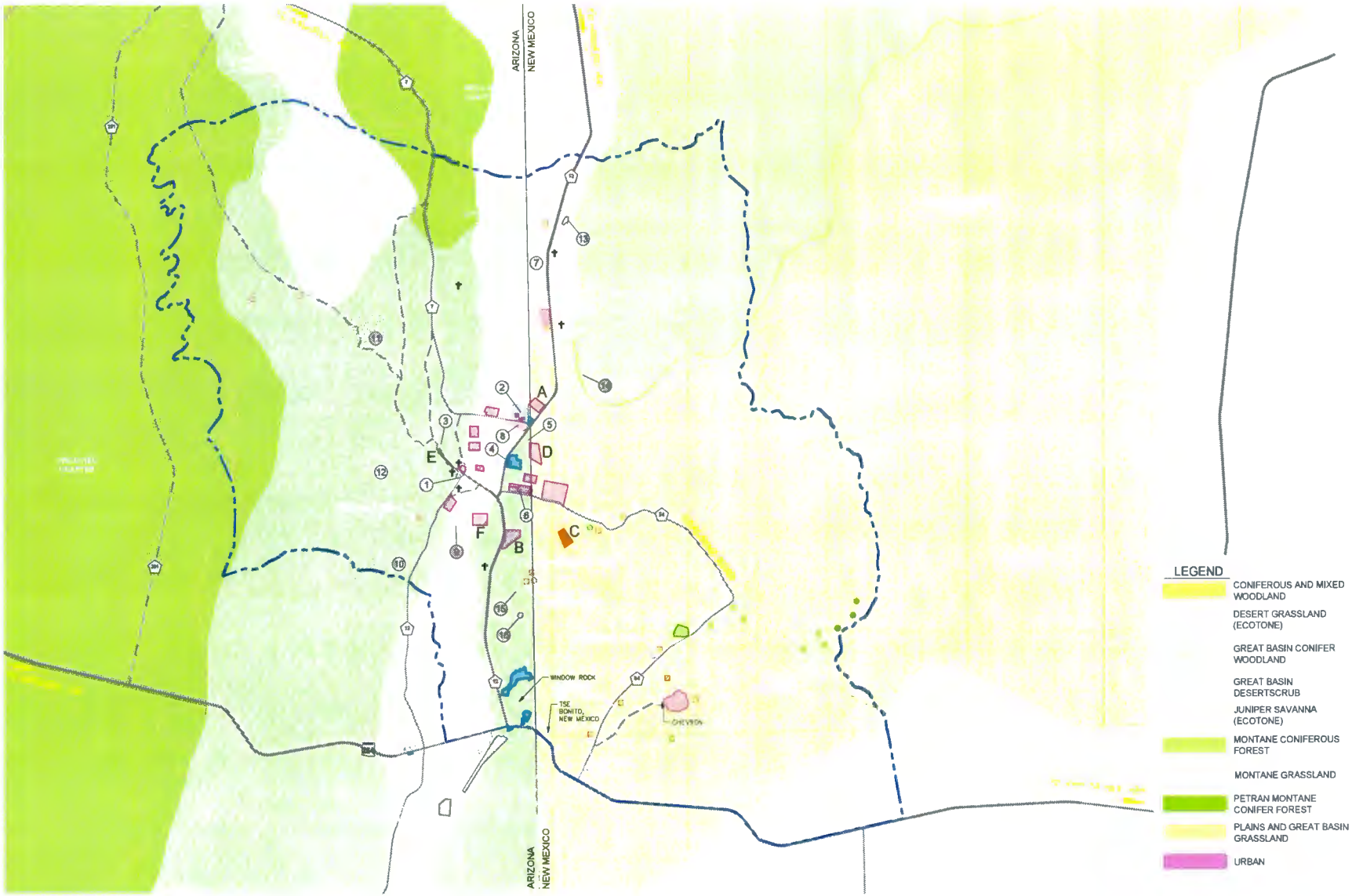
9	EXHIBIT-9	DATE 10/11/17 REVIEWED BY NATIVALS DESIGNED BY NATIVALS DRAWN BY: C.BIA FILE: EXHIBIT-9.DWG	n8tive techsulting IT & CAD CONSULTING P.O. BOX 2083 | CHINLE, ARIZONA 86503 | (928) 514-8409	EXHIBIT *NAVAJO NATION* *FORT DEFIANCE CHAPTER* *ROAD MAP* SCALE: NONE	No. / DATE / REVISION DESCRIPTION	PREPARED FOR *COMMUNITY LAND USE PLAN COMMITTEE* *FORT DEFIANCE CHAPTER*	



1. FORT DEFIANCE CHAPTER HOUSE
2. TSEHOOTSOOI MEDICAL CENTER
3. OLD FORT DEFIANCE HOSPITAL
4. EXISTING NTUA HEADQUARTERS
5. WINDOW ROCK HIGH SCHOOL CAMPUS
6. NAVAJO HOUSING AUTHORITY
7. TEXT
8. TEXT
9. TEXT
10. TEXT
11. TEXT
12. TEXT
13. TEXT
14. TEXT
15. TEXT

A NEW NAVAJO TRIBAL UTILITY AUTHORITY HEADQUARTERS
B PROPOSED NAVAJO NATION VETERANS CEMETERY EXPANSION
C PROPOSED NAVAJO NATION POLICE DEPARTMENT HEADQUARTERS
D PROPOSED EDUCATIONAL FACILITY
E PROPOSED HORSESHOE LANE RESIDENTIAL HOMES

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PREPARED FOR
COMMUNITY LAND USE PLAN COMMITTEE
FORT DEFIANCE CHAPTER

No.	DATE	REVISION DESCRIPTION

EXHIBIT
NAVAJO NATION
FORT DEFIANCE CHAPTER
NATURAL VEGETATION
SCALE: NONE

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IT & CAD CONSULTING

DATE: 10/11/17
REVIEWED BY: INITIALS
DESIGNED BY: INITIALS
DRAWN BY: C.SIA
FILE: EXHIBIT-3.DWG

EXHIBIT-3

1. FORT DEFIANCE CHAPTER HOUSE
2. TSEHOOTSOOI MEDICAL CENTER
3. OLD FORT DEFIANCE HOSPITAL
4. EXISTING NTUA HEADQUARTERS
5. WINDOW ROCK HIGH SCHOOL CAMPUS
6. NAVAJO HOUSING AUTHORITY
7. NAVAJO NATION ZOO
8. HOTEL AND OFFICE SPACES
9. COMMERCIAL DEVELOPMENT P&M COAL MINE
10. HOUSING DEVELOPMENT (75 ACRES)
11. NAVAJO NATION MUSEUM
12. NAVAJO NATION GAMING ENTERPRSE
13. TEXT
14. TEXT
15. TEXT
16. TEXT

A NEW NAVAJO TRIBAL UTILITY AUTHORITY HEADQUARTERS
B PROPOSED NAVAJO NATION VETERANS CEMETERY EXPANSION
C PROPOSED NAVAJO NATION POLICE DEPARTMENT HEADQUARTERS
D PROPOSED EDUCATIONAL FACILITY
E PROPOSED HORSESHOE LANE RESIDENTIAL HOMES
F PROPOSED BLACK ROCK HOUSING AREA

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COMMUNITY LAND USE PLAN COMMITTEE
FORT DEFIANCE CHAPTER

No	DATE	REVISION DESCRIPTION

EXHIBIT
NAVAJO NATION
FORT DEFIANCE CHAPTER
BUSINESS SITE LEASES MAP
SCALE: NONE

native techsulting
IT & CAD CONSULTING
P.O. BOX 2064 | Window Rock, AZ 86515 | (928) 810-4429

DATE 10/11/17
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DESIGNED BY INITIALS
DRAWN BY CJBA
FILE EXHIBIT-6.DWG

EXHIBIT-6

1. FORT DEFIANCE CHAPTER HOUSE
2. TSEHOOTSOOI MEDICAL CENTER
3. OLD FORT DEFIANCE HOSPITAL
4. EXISTING NTUA HEADQUARTERS
5. WINDOW ROCK HIGH SCHOOL CAMPUS
6. NAVAJO HOUSING AUTHORITY
7. NAVAJO NATION ZOO
8. HOTEL AND OFFICE SPACES
9. COMMERCIAL DEVELOPMENT P&M COAL MINE
10. HOUSING DEVELOPMENT (75 ACRES)
11. NAVAJO NATION MUSEUM
12. NAVAJO NATION GAMING ENTERPRSE
13. TEXT
14. TEXT
15. TEXT
16. TEXT

A NEW NAVAJO TRIBAL UTILITY AUTHORITY HEADQUARTERS
B PROPOSED NAVAJO NATION VETERANS CEMETERY EXPANSION
C PROPOSED NAVAJO NATION POLICE DEPARTMENT HEADQUARTERS
D PROPOSED EDUCATIONAL FACILITY
E PROPOSED HORSESHOE LANE RESIDENTIAL HOMES
F PROPOSED BLACK ROCK HOUSING AREA

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FORT DEFIANCE CHAPTER

No	DATE	REVISION DESCRIPTION

EXHIBIT
NAVAJO NATION
FORT DEFIANCE CHAPTER
TRIBAL PROGRAMS AND MISSIONS MAP
SCALE: NONE

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LLC
GIS CONSULTING
P.O. BOX 2000 | CHINLE, ARIZONA 86503 | (928) 674-8203

DATE: 10/11/17
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DESIGNED BY: INITIALS
DRAWN BY: C.BIA
FILE: EXHIBIT-2.DWG

EXHIBIT-2

1. FORT DEFIANCE CHAPTER HOUSE
2. TSEHOOTSOOI MEDICAL CENTER
3. OLD FORT DEFIANCE HOSPITAL
4. EXISTING NTUA HEADQUARTERS
5. WINDOW ROCK HIGH SCHOOL CAMPUS
6. NAVAJO HOUSING AUTHORITY
7. NAVAJO NATION ZOO
8. HOTEL AND OFFICE SPACES
9. COMMERCIAL DEVELOPMENT P&M COAL MINE
10. HOUSING DEVELOPMENT (75 ACRES)
11. NAVAJO NATION MUSEUM
12. NAVAJO NATION GAMING ENTERPRSE
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16. TEXT

A NEW NAVAJO TRIBAL UTILITY AUTHORITY HEADQUARTERS
B PROPOSED NAVAJO NATION VETERANS CEMETERY EXPANSION
C PROPOSED NAVAJO NATION POLICE DEPARTMENT HEADQUARTERS
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F PROPOSED BLACK ROCK HOUSING AREA

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PREPARED FOR
COMMUNITY LAND USE PLAN COMMITTEE
FORT DEFIANCE CHAPTER

No.	DATE	REVISION DESCRIPTION

EXHIBIT
NAVAJO NATION
FORT DEFIANCE CHAPTER
HOUSING PARCELS MAP
SCALE: NONE

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H.T. & C. AND CONSULTING INC.
P.O. BOX 2432 | CANYON, ARIZONA 86001 | (928) 514-4428

DATE 10/11/17
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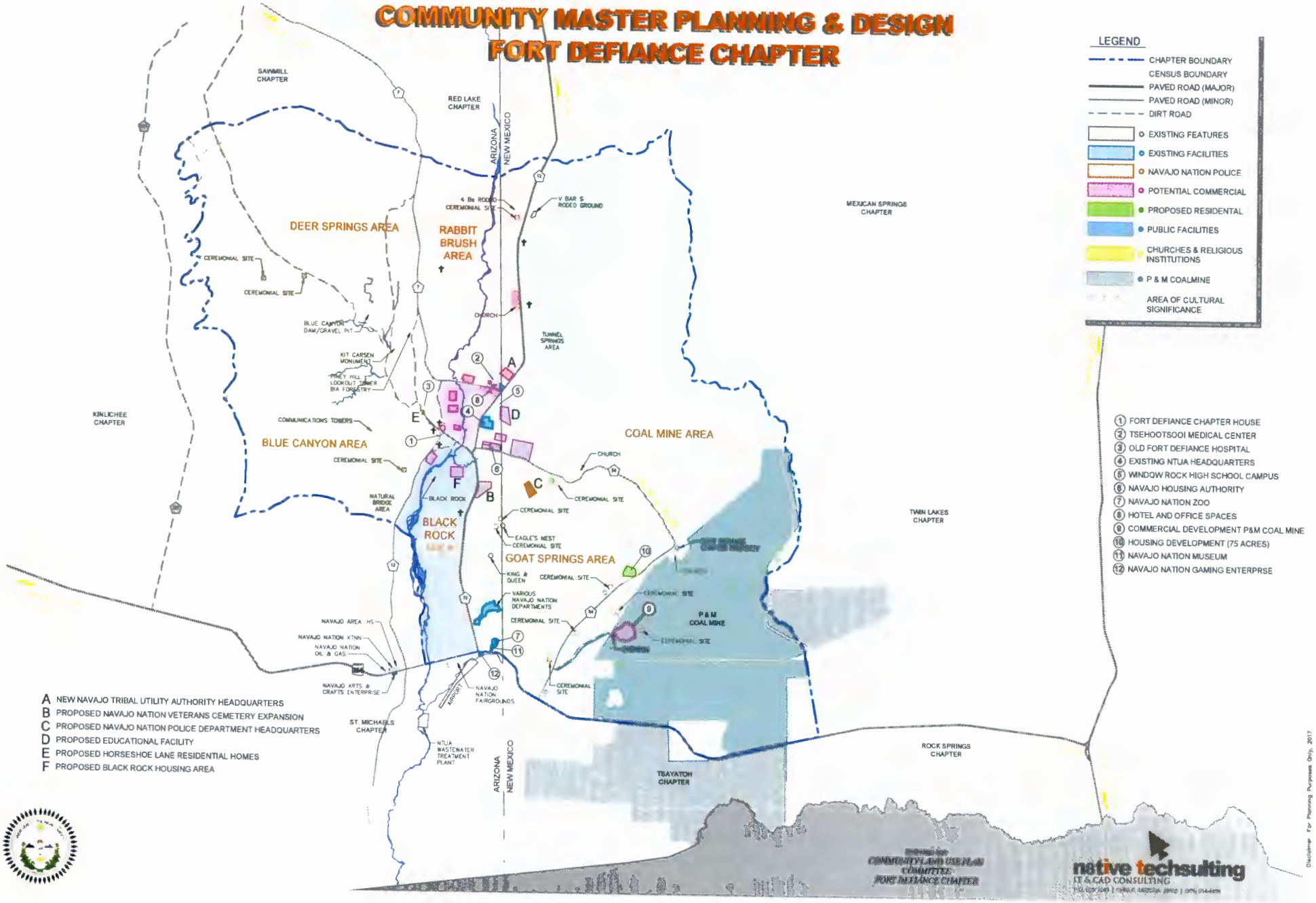
EXHIBIT-5

COMMUNITY MASTER PLANNING & DESIGN
FORT DEFIANCE CHAPTER



THE NAVAJO NATION
FORT DEFIANCE CHAPTER
P.O. Box 366 • Ft Defiance, Arizona 86504
Phone: (928) 729-4352 • Fax (928) 729-4353
Email: *ftdefiance@navajochapters.org*

Wilson Stewart, Jr, *President*
Aaron Sam, *Vice-President*
Brenda Wauneka, *Secretary/Treasurer*
Herman Billie, *Grazing Official*
Benjamin Bennett *Council Delegate*

RUSSELL BEGAYE
Navajo Nation President

JONATHAN NEZ
Navajo Nation Vice President

EXHIBIT
B

RESOLUTION OF THE FORT DEFIANCE CHAPTER
NAVAJO NATION

FDC-2018-06-12-07

APPROVING AND RECERTIFYING THE COMMUNITY LAND USE PLANNING MANUAL FOR THE FORT DEFIANCE CHAPTER AND RECOMMENDING APPROVAL BY THE RESOURCE & DEVELOPMENT COMMITTEE OF THE NAVAJO NATION COUNCIL.

WHEREAS:

1. Pursuant to 26 N. N. C, Section 3 (A) the Fort Defiance Chapter is a duly recognized Chapter of the Navajo Nation Government, as listed at II NNC., part 1, Section 10; and

2. The Fort Defiance Chapter Community Land Use Planning Committee (CLUPC) has the responsibility to update and implement the land use planning; and

3. The Fort Defiance CLUPC has hired a consultant to update its 2005 Land Use Planning manual as required under NN Code: Title 26 LGA Law; and

4. The Fort Defiance Chapter and CLUPC has met all the requirements under the Navajo Nation Code: Title 26 LGA section 2004 Zoning; Community Land Use Plan; Land Use Variations.

NOW, THEREFORE BE IT RESOLVED THAT:

1. The Fort Defiance Chapter hereby approves and recertify the Community Land Use Planning manual for the Fort Defiance Chapter and recommending approval by the Resources & Development Committee of the Navajo Nation Council.

CERTIFICATION

We hereby certify that the foregoing resolution was duly considered by the Fort Defiance Chapter at a duly called meeting In (Navajo Nation), Arizona at which a quorum was present and that same was passed by a vote of 25 In favor, 1 opposed and 6 abstained on this 12th day of June 2018.

Motioned By: George
George Mitchell
PSW-Sec/Tres.

Seconded By: Ben
Benjamin Bennett
PSW-Sec/Tres

Wilson Stewart Jr., President

COMMUNITY BASE LAND USE PLANNING COMMITTEE
FORT DEFIANCE CHAPTER
P.O. Box 366
Ft Defiance, Arizona 86504
Phone: (928) 729-4352
Fax (928) 729-4353
Email: ***ftdefiance@navajochapters.org***

John Plummer, *President*
Jimmie Bitsuie, *Vice-President*
Lillian Sam, *Secretary*
Daniel Yazza, *CLUPC member*
Frank Nez, Jr., *CLUPC member*
Stanley Denetdeel, *CLUPC member*
Perry Wauneka, *CLUPC member*

RUSSELL BEGAYE
Navajo Nation President

JONATHAN NEZ
Navajo Nation Vice President

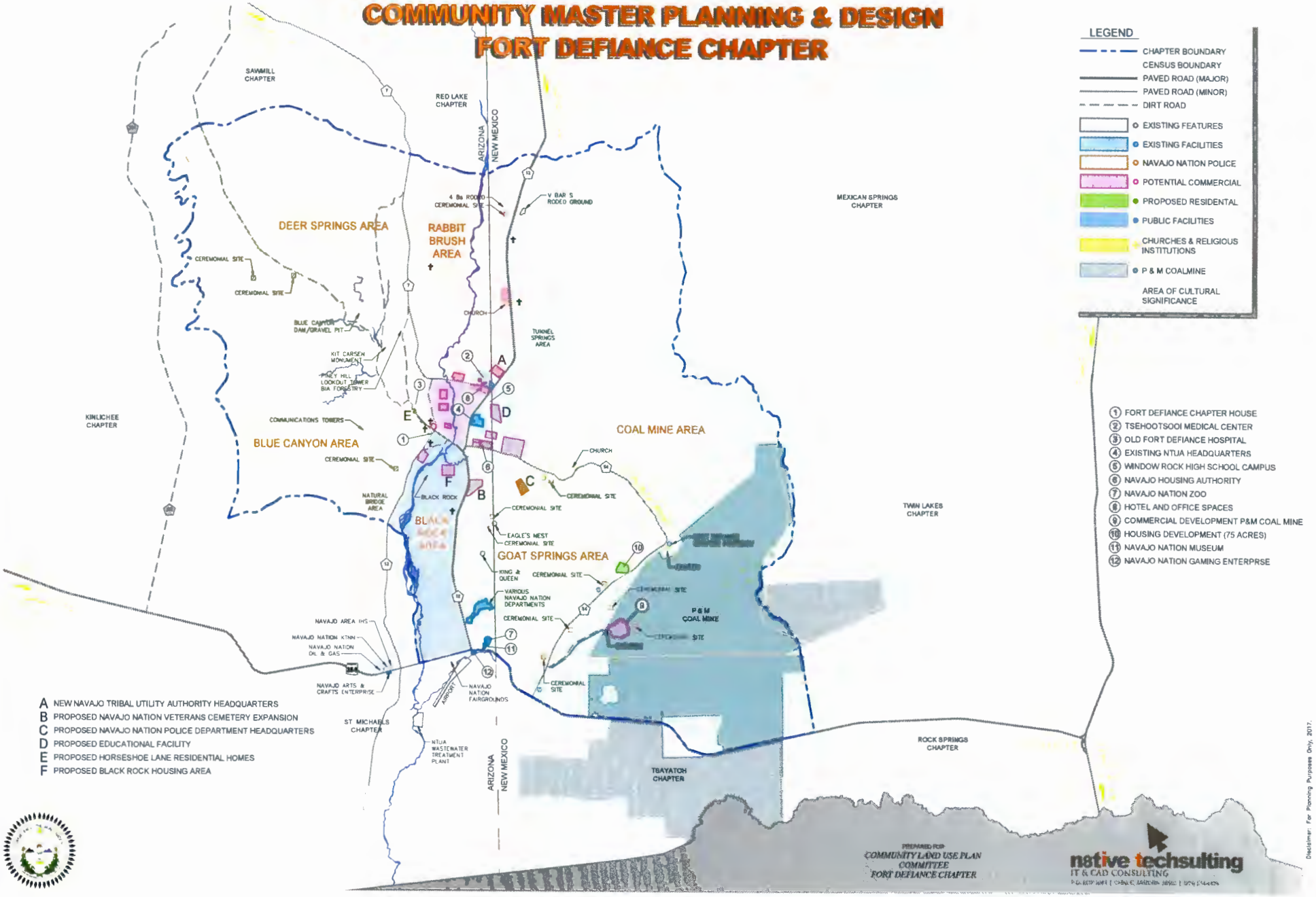
June 13, 2018

TO : Benjamin Bennett, Council Delegate
Fort Defiance, Red Lake, Sawmill, AZ

The Fort Defiance Community Based Land Use Planning Committee is releasing the completed 2018 Comprehensive Land use plan manual to you on the above date, June 13, 2018, through your assistant Ms. Attie Anderson.

Fort Defiance Community Based Land Use Planning Community

COMMUNITY MASTER PLANNING & DESIGN
FORT DEFIANCE CHAPTER



RESOURCES AND DEVELOPMENT COMIMTTEE
Regular Meeting
July 25, 2018

ROLL CALL
VOTE TALLY SHEET:

Legislation # 0210-18: An Action Relating to Resources and Development; Budget and Finance Committee: Certifying Fort Defiance Chapter's Community Based Land Use Plan Which has Re-evaluated and Readjusted Fort Defiance Chapter's First Community-Based Land Use plan
Sponsor: Honorable Benjamin Bennett

Motion: Leonard Pete Second; Walter Phelps Vote: 3-0-1 (CNV)
YEAS: Leonard Pete, Walter Phelps and Benjamin Bennett
EXCUSED: Alton Joe Shepherd and Davis Filfred

Jonathan Perry, Pro Tem Chairperson
Resources and Development Committee

Shammie Begay, Legislative Advisor
Resources and Development Committee