



PDS Corp DSG Booklet

June 30

2020

Detailed Sectors Guide (DSG). In this document you will find a detailed list of Infrastructural Sectors in our corporation. These land uses are typically broken down into smaller lists, such as a zoning/land use ordinance of a city would be. This guide will be split into two parts; Interior and Exterior sectors. Accompanying this guide are maps and diagrams that can be used to reference different sectors and their locations in relation to the overall facility (Except exterior land uses). Regulations are subject to change (Check the title date above of the guides) and will be posted on the website: www.pdscorp.xyz

Phase I Detailed Sectors Guide

Detailed Sectors Guide (Sec 1 – 11 Interior, Sec 12 – 17 Exterior)

Interior: Indoor Phase Sectors that are in Pressurized, Climate Controlled, Reduced Radiation Levels, and inside the dome or Sector 8 Corridors. Lands are leased and subdivided at the discretion of PDS CORP.

Exterior: Outside Phase Sectors are in Unpressurized, Uncontrolled Climates (most likely freezing), Higher Radiation Level areas, and outside the dome or Sector 8 Corridors.

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- **Sector 1 / Interior Section / High Density Mixed Use Developments**
 - Phase I Min-Max Height: 220 feet to 355 feet
 - Multi-family Housing/Offices/Hotels from 3rd Floor Upward
 - Loft Concepts
 - Commerce Located 1st to 4th Floor
 - Retail, Restaurants, & Big Box Spaces
 - Parking Sub level and No Lot setbacks (Fire Rate Walls)
 - Building Pressurized / Airlock Type Entries for Emergencies per Building Codes
- **Sector 2 / High Density Residential Developments (Minimal Retail)**
 - Phase I Min-Max Height: 120 feet to 219 feet
 - High Density Multi-family Housing (Lofts Concepts)
 - Retail (1st to 3rd Floors)
 - Parking Sub level and Setbacks for Lots (Front 7 Ft) (The rest None - Fire Rate Walls)
 - Building Pressurized / Airlock Type Entries for Emergencies per Building Codes
- **Sector 3 / Medium Density Residential & Small Commerce Developments**
 - Phase I Min-Max Height: 35 feet to 119 feet
 - Multi-family Housing
 - Condo/Apartment Concepts
 - Some Lofts Concepts
 - Setbacks for Lots (Front 7 Ft, Rear 15 Ft, Sides 5 Ft)
 - Small Retail Shops/ Convenience Stores/Bank Branches Located 1st Floor
 - Some Parking Sub level
 - Building Pressurized / Airlock Type Entries for Emergencies per Building Codes
- **Sector 4 / Low Density Residential Developments**
 - Phase I Min-Max Height: 1 floor to 34 feet
 - Single Family Houses
 - Floor plans Concepts
 - Occasional Duplexes/ Townhouse Concepts
 - Floor plans Concepts
 - Parking Ground level/Driveways
 - Basements *possibly* allowable (1 Extra Floor Allotted if No Basement Allowed)
 - Building Pressurized / Airlock Type Entries for Emergencies per Building Codes
 - Set-backs for Lots (Front: 10 Ft, Rear: 10 Ft, Sides 5 Ft)
- **Sector 5 / Quasi-Governmental & Transit Hub Station**
 - RESERVED FOR PDS CORP. USES OR BY PERMISSION OF PDS CORP.
 - Protective Services (Small size and lower floor count/Lesser fleet sizes)
 - Fire/EMT (Response and Hazmat Units)
 - Police/Security (Small Jail)
 - Health (Level I Trauma Unit, ER, etc.)

- Educational/ Research Institutions / Convention Center Type Space (Meeting Rooms)
 - University Systems Partnerships (Texas A&M Univ, Univ of Alabama, etc.)
 - Local Level: Charters/Outsourced
- **Sector 6 / Raw Water Storage & Heat Sink Areas**
 - RESERVED FOR PDS CORP. USES OR BY PERMISSION OF PDS CORP.
- **Sector 7 / Forestry & Orchards (PDS Corp or Permissioned Use)**
 - Sector may contain an Electrical Substation depending on Phase I Population Size/Usage
 - Oxygen Production (Monitor Photosynthesis Rates)
 - Cherry Blossom Trees*
 - Oaks
 - Pines (Most Oxygen)
 - Birch
 - Sweetgum
 - Cedar
 - Cypress
 - Firs
 - Maple
 - Elm
 - Spruce
 - Mahogany
 - Aspen
 - Balsa
 - Larch
 - *Seeds in space/grew quicker than normal back on Earth.
 - Air Quality Maintenance (HVAC System)
 - Reduction of CO₂, Gaseous hazards, and Odors
 - Maintain Low Pollen Levels
 - Mitigates against Sound Pollution
 - Food/Agriculture Production ["Jubilee"/Rotation Rule IN EFFECT every 7 years]
 - Apple Trees
 - Citrus/Pineapples Trees
 - Banana Trees
 - Cherry Trees
 - Pecan/ Walnut Trees
 - Peach Trees
 - Cacao/Cinnamon Trees
 - Plum Trees
 - Pear Trees
 - Almond Trees
 - Avocado Trees
 - Fig Trees
- **Sector 8 / Transportation Corridors & Utility Corridors (Level 1 to -3)**
 - RESERVED FOR PDS CORP. USES OR BY PERMISSION OF PDS CORP.
 - LICENSES FOR FRANCHISED PRIVATE UTILITIES ALLOWED IF GIVEN PERMISSION.
 - LICENSES FOR FRANCHISED RAILROAD OPERATORS ALLOWED IF GIVEN PERMISSION.
 - LICENSES FOR FRANCHISED HYPERLOOP OPERATORS ALLOWED IF GIVEN PERMISSION.
 - EXTERNAL LAND AREAS MAY EXPAND AS NECESSARY WITH PERMISSION:
 - Examples include but not limited to external railyards, freight hubs, etc.
- **Sector 9 / Agricultural [Jubilee Rule IN EFFECT]**
 - Sector 9 Lands are leased and subdivided at the discretion of PDS CORP.
 - Slight Oxygen Production
 - Pollen Issues will need to be mitigated
 - Soils Testing/ Maintenance by operators

- Located Fertilizer Plants nearby
- Ground Vegetation (Soon: Agricultural Production Spreadsheet: SpSh01)
 - Wheat/ Barley
 - Strawberries
 - Tomatoes
 - Potatoes/ Yams
 - Soybeans/ Alfalfa
 - Onions
 - Carrots
 - Beans
 - Chili Peppers
 - Watermelon
 - Cucumber
 - Lettuce/ Cabbage
 - Corn
 - Asparagus
 - Sunflowers
 - Tea
 - Sugar cane
 - Blueberries
 - Pumpkins
 - Broccoli
 - Garlic
 - Vanilla
 - Raspberries
 - Okra
 - Cantaloupe
 - Apricots
 - Turnips
 - Eggplant
 - Ginger
 - Hops
- Vineyards
 - Grapes
 - Olives
- Poultry/ Turkey (Must be imported, no local)
 - Meat
 - Eggs
- Cattle/Swine/Goats/Sheep/Buffalo (Must be imported)
 - Meat/Pork
 - Milk/Dairy
 - Leather/Wool
- Cotton and related industry
- Palm Oil
- **Sector 10 / Interior Section / Industrial & Refinery Facilities**
 - RESERVED FOR PDS CORP. USES OR BY PERMISSION OF PDS CORP.
 - LICENSES FOR FRANCHISED UTILITIES ALLOWED IF GIVEN PERMISSION.
 - HOURS OF OPERATION ARE AT THE DISCRETION OF PDS CORP.
 - MAXIMUM NOISE LIMITS ARE AT THE DISCRETION OF PDS CORP.
 - AIR QUALITY/PARTICULATES MONITORING REQUIRED (Vent to outside/Recycle Air)
 - WATER FILTRATION AND PURIFICATION REQUIRED BEFORE DUMPING INTO SEWER
 - EXTERIOR FACILITIES WILL FALL UNDER SECTOR 17B.
- **Sector 11 / Parks & Recreational Areas (PDS Corp Maintained)**
 - Phase I areas are roundabout circles, not enough space for activities.
 - Internal Vegetation/Public Activity areas only
 - Future uses include Arenas, Large plazas with or without fountains, and cemeteries.

- **Sector 12 / Exterior Section / Launching Pads (Orbital Access)**
 - RESERVED FOR PDS CORP. USES OR BY PERMISSION OF PDS CORP.
 - SpaceX Landing Zones are one example
 - LICENSES FOR FRANCHISED UTILITIES ALLOWED IF GIVEN PERMISSION.
 - ALL RULES OF OPERATION WILL BE AT THE DISCRETION OF PDS CORP.
- **Sector 13 / Exterior Section / Satellite Relay Fields (Long Range)**
 - RESERVED FOR PDS CORP. USES OR BY PERMISSION OF PDS CORP.
 - LICENSES FOR FRANCHISED UTILITIES ALLOWED IF GIVEN PERMISSION.
 - FEDERAL COMMUNICATIONS COMMISSION (FCC) OVERSIGHT ALLOWED.
- **Sector 14 / Exterior Section / Antenna Broadcast Fields (Short Range)**
 - RESERVED FOR PDS CORP. USES OR BY PERMISSION OF PDS CORP.
 - LICENSES FOR FRANCHISED UTILITIES ALLOWED IF GIVEN PERMISSION.
 - FEDERAL COMMUNICATIONS COMMISSION (FCC) OVERSIGHT ALLOWED.
- **Sector 15 / Exterior Section / Power Generation/Steam Generation**
 - RESERVED FOR PDS CORP. USES OR BY PERMISSION OF PDS CORP.
 - LICENSES FOR FRANCHISED UTILITIES ALLOWED IF GIVEN PERMISSION.
 - BACKUP GENERATION / REDUNDANT SYSTEMS WILL BE REQUIRED.
- **Sector 16 / Exterior Section / Air & Freight Fields (Long Range Access)**
 - RESERVED FOR PDS CORP. USES OR BY PERMISSION OF PDS CORP.
 - LICENSES FOR FRANCHISED UTILITIES ALLOWED IF GIVEN PERMISSION.
 - ALL RULES OF OPERATION WILL BE AT THE DISCRETION OF PDS CORP.
- **Sector 17A / Exterior Section / Exterior Parks & Natural Features**
 - Walking trails, Rock climbing, Off-road adventures, Eco-tourism, etc.
 - PDS CORP ASSUMES ZERO RISK FOR INJURIES IN THESE AREAS UNLESS ON COMPANY TIME.
 - Will be used in External areas to protect/declare Natural Features
 - Mars Examples include but not limited to: Olympus Mons and Valles Marineris
- **Sector 17B / Exterior Section / Industrial & Mining Uses**
 - RESERVED FOR PDS CORP. USES OR BY PERMISSION OF PDS CORP.
 - PERMITS FOR MINING ARE REVIEWED & APPROVED/DENIED BY PDS CORP.
 - LICENSES FOR FRANCHISED UTILITIES ALLOWED IF GIVEN PERMISSION.
 - ALL RULES OF OPERATION WILL BE AT THE DISCRETION OF PDS CORP.