

Planning & Zoning Department

BOARD ACTION REPORT - APPEALABLE ITEM

Project Name: Resource Point of Sale (RPOS)

Project Location: 1044 SW 10th Avenue

Request: Class III Site Plan Modification

Board: Site Plan Review and Appearance Board (SPRAB)

Meeting Date: March 9, 2016

Board Action:

Approved 5-0 = 40' Sight Visibility Triangle Waiver Request

Approved 5-0 = Special Action Parking Reduction

Approved 5-0 = Special Action Overhead Doors Facing R.O.W.

Approved 5-0 = Site Plan

Approved 5-0 = Landscape Plan

Approved 5-0 =Architectural Elevations

Project Description-noting staff concerns:

The subject property consists of portion of Lot 16, Esquire Subdivision, according to the Plat thereof as recorded in Plat Book 23 at Page 43 of the Public Records of Palm Beach County, Florida. The property is zoned LI (light Industrial), measures 0.42 acres, and is currently vacant. The site is located within the Wallace Drive Overlay District, which allows for the applicability of MIC (Mixed Industrial and Commercial) development standards. It is subject to the provision of the Wallace Drive Industrial Area Redevelopment Plan, which encourages the development of light industrial, limited commercial and office uses in an urban setting.

The Class III Site Plan Modification is associated with redevelopment of a previously approved Class V Site Plan to accommodate a new proposal consisting of construction of a two-story building containing 7,290 sq. ft. of office and warehouse uses on the 1st floor and 2,024 sq. ft. of offices with a mezzanine on upper levels with associated parking, loading, and landscaping.

The staff raised the following concerns:

The criteria to allow overhead doors to face the right-of-way specifically states that "except when it clearly demonstrated that no opportunity exists to do otherwise". Staff offered that the overhead doors could face the side interior to the north and still have sufficient depth to construct a drive aisle and building meeting code requirements for setbacks and maneuvering area. As such, staff left the approval of this request at the Board's discretion.

The Board supported the request and allowed the doors to face the unimproved SW 9th Avenue right-of-way as presented.

Board comments:

• Had concerns as to whether or not sufficient parking was provided and asked how many employees were anticipated. The owner (Austin Chaves) indicated that up to 20 employees were anticipated (whereas only 15 spaces are provided and 17 are required). The Board also questioned whether or not the net floor area for all office uses was allowed City-wide. Staff confirmed that typically it is only applied to professional and business offices, not attendant offices associated with industrial uses. After further discussion, the Board ultimately approved the special action parking reduction.

Board supported staff's recommended conditions of approval, as follows:

- Site Plan Staff's recommended 8 conditions, as listed in the attached staff report.
- Landscape Plan No conditions by staff or Board.
- Architectural Elevations No conditions by staff or Board.

<u>Public input – noting comments and concerns:</u>

No members of the public spoke in opposition to or in support of the development proposal.

Associated Actions: None.

Next Action: City Commission approval of the 40' Sight Visibility Triangle Waiver Request.

SITE PLAN REVIEW AND APPEARANCE BOARD CITY OF DELRAY BEACH ---STAFF REPORT---

MEETING DATE: March 9, 2016

ITEM:

Resource Point of Sale - Class III Site Plan Modification, Landscape Plan, and Architectural Elevations associated with construction of a one two-story building containing 7,290 sq. ft. of office and warehouse uses on the 1st floor and 2,024 sq. ft. of offices with a mezzanine on upper levels with associated parking, loading, and

landscaping.

RECOMMENDATION:

Approve the Class III Site Plan Modification. Landscape Plan. Architectural Elevations, Waiver Request and Parking Reduction Request. Board's Discretion on the Special Action Request.

GENERAL DATA:

Applicant..... **Austin Chavez**

Agent..... Stephen P. Edwards

Owner..... RPOS DELRAY LLC

Location..... At the northeast corner of SW 11th

Street and SW 10th Avenue'

1044 SW 10th Avenue Address.....

Property Size..... 0.42 Acres (18,361 sq. ft.)

Future Land Use Map..... CMR (Commerce)

Current Zoning..... LI (Light Industrial)

Adjacent Zoning.....North: LI (Light Industrial)

West: LI (Light Industrial)

RM (Multi-Family Residential) South:

East: CF (Community Facility)

Existing Land Use..... Vacant/Undeveloped Land

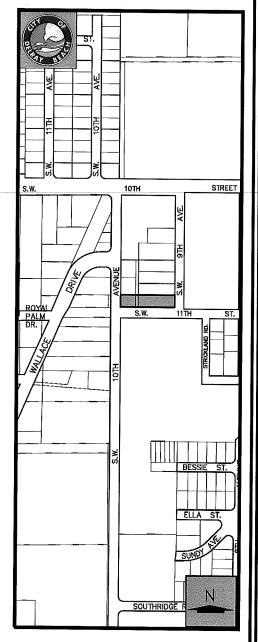
Proposed Land Use..... Offices, Warehouse and Storage

Water Service..... Available via an existing 10" water main within SW 11th Street r-o-w. A

fire hydrant is located on the west side

of SW 9th Avenue

Sewer Service..... Available via an existing 8" sewer main, along SW 9th Avenue r.o.w.



ITEM BEFORE THE BOARD

The action before the Board is approval of the following aspects of a Class III Site Plan Modification request for the **Resource Point of Sale (RPOS)**, pursuant to Land Development Regulations (LDR) Section 2.4.5(G)(1)(c):

Site Plan;
Landscape Plan;
Architectural Elevations;
Waiver Request; and,
Special Action Requests

The subject property is located on the northeast corner of SW 10th Avenue and SW 11th Street (1044 SW 10th Avenue).

BACKGROUND

The subject property consists of portion of Lot 16, Esquire Subdivision, according to the Plat thereof as recorded in Plat Book 23 at Page 43 of the Public Records of Palm Beach County, Florida. The property is zoned LI (light Industrial), measures 0.42 acres, and is currently vacant.

The subject property is located within the Wallace Drive Overlay District. The Wallace Drive Industrial Area Redevelopment Plan was adopted by the City Commission on January 6, 2004. The Plan encourages the development of light industrial, limited commercial and office uses in an urban setting. At its meeting of February 3, 2004, the City Commission approved a text amendment to LDR Section 4.4.26 (Light Industrial zoning district) in accordance with the creation of the Wallace Drive Overlay District associated with the Wallace Drive Industrial Area Redevelopment Plan.

At its meeting of February 27, 2013, the Site Plan Review and Appearance Board (SPRAB) approved a Class V Site Plan, Landscape Plan, and Architectural Elevations associated with the construction of a one-story 3,000 square foot office and warehouse building with two tenant bays, and construction of a nine (9) space parking lot, for a project known as SW 11th Street Holding LLC Building. The project was certified but was never built.

On September 10, 2014, the SPRAB approved a Class V site plan for construction of a 6,741 sq. ft. two-story administration and warehouse building located to the west portion of the site (4,673 sq. ft. on the first floor and 1,236 sq. ft. on the second floor); and a 2,277 sq. ft. two-story executive office and employee spa building located on the east portion of the site (1,041 sq. ft. on the first floor and 1,236 sq. ft. on the second floor).

Now before the Board for consideration is approval of a Class III Site Plan Modification associated with redevelopment of a previously approved Class V Site Plan to accommodate a new proposal consisting of construction of a two-story building containing 7,290 sq. ft. of office and warehouse uses on the 1st floor and 2,024 sq. ft. of offices with a mezzanine on upper levels with associated parking, loading, and landscaping.

PROJECT DESCRIPTION

The development proposal consists of the following:

Construction of a two-story 9,314 sq. ft. office, warehouse and storage building

Site Pla Resour Page 2	an Review and Appearance Board Staff Report: Meeting of 03/09/16 ce Point of Sale (RPOS): Class III Site Plan Modification, Landscape Plan and Elevations
	Construction of a 9-space parking lot fronting on SW 10 th Avenue
	Construction of 6 on-street parallel parking spaces along SW 11 th Street
	Construction of a security-gated loading area with overhead doors facing SW 9 th Avenue, and vehicle accessibility from SW 11 th Street
	Construction of a 6' wall around the proposed loading area and 6' security gate entry
	Construction of a new 5' concrete sidewalk along SW 9 th Avenue
	Construction of a new 5' concrete sidewalk along SW 11 th Street
	Provision of a 10' perimeter landscape buffer along the south, west and east sides
	Installation of 5 bicycle racks along the main entry pathway; and,
	Installation of associated on-site landscaping.
The CI	ass III Site Plan Modification request also includes special action request as follows:
	A special action request to allow overhead doors to face the adjacent right-of-way along SW 9 th Avenue, when it is clearly demonstrated that no opportunity exists to do otherwise, pursuant to LDR Section 4.4.26(H)(1).
The CI	ass III Site Plan Modification request also includes waiver request as follows:
	A waiver to allow a 25' sight visibility triangle, where a 40' sight visibility triangle is required at the intersection of two rights-of-way, pursuant to LDR Section 4.6.14(B)(6).
	WALLACE DRIVE OVERLAY DISTRICT
oy SW and W apply t	ection 4.5.8(A): The Wallace Drive Overlay District is defined as the area bounded 10 th Street on the north, Georgia Street on the south, SW 9 th Avenue on the east allace Drive on the west. The regulations established in Section 4.4.26(F)(3) shall to all LI zoned parcels within the overlay district. Section 4.4.26(F)(3): The Wallace Drive Overlay District Development Standards
iepict hose	ed in the Section 4.3.4(K) Development Standards Matrix, shall be the same as of the MIC (Mixed Industrial and Commercial) Zoning District.
Resoui	ingly, as indicated in the following "Site Plan Analysis" section of this staff report, the ce Point of Sale (RPOS) development proposal is consistent with the (MIC) Mixed ial and Commercial Zoning District standards.
	SITE PLAN ANALYSIS

COMPLIANCE WITH THE LAND DEVELOPMENT REGULATIONS:

Items identified in the Land Development Regulations shall be specifically addressed by the body taking final action on the site and development application/request.

LDR Section 4.3.4 – Base District Development Standards:

Development Standards Matrix:

According to LDR Section 4.3.4 - Development Standards Matrix for Non-residential Zoning Districts, the following apply to LI (Light Industrial) & MIC (Mixed Industrial and Commercial) zoning districts:

Wallace Drive Overlay District	Max. Lot Coverage (%)	Min. Open Space (%)	Min. Front Setback (ft.)	Min. Side Interior Setback (ft.)	Min. Side Street Setback (ft.)	Min. Rear Setback (ft.)	Max. Bldg. Height (ft.)
MIC**	50	25	25	10¹	25²	10	48
LI	50	25	10	5	10	10	48*
Provided	39.5	30.2	70'8"	5	10	48'7"	29'5"

^{*}Pursuant to LDR Section 4.4.26(F)(1), for each foot in height above 25', the front and side street setbacks shall be increased by one foot (1'). For the subject site, this is not applicable [See LDR Section 4.4.26(F)(2)].

Special District Regulations:

Pursuant to LDR Section 4.4.26(H)(2), all required setback areas shall be landscaped with no paving except for driveways and walkways leading to structures on the premises. As such, driveways and walkways shall be generally perpendicular to the property line. The development proposal has provided the required landscape areas around the perimeter of the parcel. Thus this LDR requirement has been met.

Refuse Enclosure:

Pursuant to LDR Section 4.6.6(C)(1), dumpsters, recycling containers and similar service areas must be enclosed on three (3) sides and have vision obscuring gates on the fourth side, unless such areas are not visible from a public right-of-way. The proposed refuse facility is located at the northeast corner of the site. The trash and recycling enclosure area will not be visible from the adjacent rights-of-way because it will be screened by a 6' high wall. A detail of the trash enclosure is provided which demonstrates compliance with the code. Thus, this LDR requirement is met.

^{**}In the MIC (Mixed Industrial and Commercial) Zoning District, there is no minimum requirement (i.e. "0") for the minimum lot size, minimum lot width, minimum lot depth, or minimum lot frontage. Thus, compliance is demonstrated with existing conditions.

¹ A variance has been previously approved to allow a minimum 5' side interior setback.

²A variance has been approved to allow a minimum 10' side street setback.

Loading Area:

Pursuant to LDR Section 4.6.10(A) and (B), space for accommodating the unloading of merchandise, inventory, materials, supplies, and products shall be provided on the site where a use which requires such items is located. Provisions for a minimum 12' x 30' loading area is shown on the site plan. It is accommodated at the northeast corner of the site and requires security gate access. To eliminate stacking concerns, as a condition of approval, the security gates shall only be utilized after hours, when the business is closed. Pending compliance, this LDR requirement will be met.

Bicycle Facility:

Pursuant to LDR Section 4.6.9(C)(1)(c) and Transportation Element Policy D-2.2 of the Comprehensive Plan, bicycle parking facilities shall be provided for all new developments and redevelopment of sites. Bicycle parking facilities have been provided. A bicycle rack detail consistent with the architectural rendering is shown. Thus, this LDR requirement has been met.

Lighting:

Pursuant to LDR Section 4.6.8, on-site lighting must be provided and be consistent with the minimum and maximum foot candle illumination level requirements. A detail shall be provided which indicates that all pole mounted light fixtures do not exceed the 25' maximum height requirement. Cut sheets shall also be provided for any proposed wall-mounted light fixtures. These items have been provided and appear to meet the LDR requirements.

For buildings and structures, point calculations must be provided which meet the minimum and maximum requirements for accent pathways, building entrances, landscape lighting, canopies and overhangs. A photometric plan (Sheet E1.1) has been provided, which appears to meet these minimum and maximum standards. Thus, this LDR requirement is met.

Off-Street Parking:

Pursuant to LDR Section 4.6.9(C)(5)(a), general industrial uses (manufacturing, assembly, and attendant offices) shall provide parking at the rate of 3 spaces per 1,000 square feet of floor area devoted to such uses. In addition, 1 space shall be provided for each 1,000 square feet of floor area devoted to storage and warehouse use.

On the first floor, 2,343 sq. ft. of offices are proposed, which requires 7 spaces and 4,937 sq. ft. or warehouse are proposed which requires 5 spaces, for a total of 7,290 sq. ft. and 12 spaces.

On the second floor, 1,316 sq. ft. of offices are proposed, which require 4 spaces and 708 sq. ft. mezzanine is proposed for storage, which requires 1 space, for a total of 2,024 sq. ft. and 5 spaces.

For the overall development consisting of 9,314 sq. ft., a total of 17 parking spaces is required and 15 parking spaces have been provided. Based on the above, this parking requirement is not met. Accordingly, plans will have to be revised to accommodate an additional 2 parking spaces unless the special action parking reduction request is approved, which is discussed later in the "Special Action Parking Reduction" section of this report.

Visibility at Intersections:

10' Sight Visibility Triangles

Pursuant to LDR Section 4.6.14(B)(1), when an access way intersects a street or alley, 10' sight visibility triangles areas shall provided as measured from the area on both sides of a driveway formed by the intersection of a driveway and the parcel boundary with a length of ten (10) feet along the driveway and a length of ten (10) feet along the property line and the third side being a line connecting the ends of the other two lines. 10' sight visibility triangles for access to the proposed 9-space parking lot have been depicted. Thus, this LDR requirement is met.

40' Sight Visibility Triangles

Pursuant to LDR Section 4.6.14(B)(6), the area formed by the intersection of two rights-of-way must allow for forty feet (40') of sight visibility formed by a triangle as measured from the parcel boundaries at the intersection of both rights-of-way and a length of 40' feet along the parcel boundary from the intersection point in both directions with the third side being a line connecting the ends of the other two lines. The 40' sight visibility triangle has not been drawn on the proposed plans. Upon doing so, it will be clearly demonstrated that the proposed 6' wall will encroach in the southeast corner of the sight at the intersection of SW 11th Street and SW 9th Avenue. It appears that only a 25' sight visibility triangle can be accommodated with the current design. As such, a waiver is required, or the plans will have to be revised to demonstrate compliance. Staff analysis of the potential waiver is provided in the "Waiver Analysis" section of this report.

Sidewalks:

Pursuant to 6.1.3, the primary purpose of sidewalks is to provide a safe place for pedestrian travel. Generally, sidewalks are required along both sides of all streets. The development proposal includes the construction of a new 5' wide concrete sidewalk along SW 11th Street and SW 9th Avenue. A sidewalk meeting the aforementioned requirements currently exists along SW 10th Avenue. Upon construction of the proposed two sidewalks, this standard will be met.

Undergrounding of Utilities:

Pursuant to LDR Section 6.1.8, utility facilities serving the development shall be located underground throughout the development. All existing and proposed utilities associated with the development must be located underground and a note to this effect is included site plan. Thus, the intent to meet this standard is documented accordingly.

<u>Site Plan Technical Items:</u> while the revised engineering plans have been submitted to accommodate staff concerns, the following items remain outstanding:

- 1. To eliminate stacking concerns, the security gates shall only be utilized after hours, when the business is closed.
- 2. On the site plan (Sheet A-1.0), pursuant to LDR Section 4.6.9(D)(3)(c), dimension and label all stacking distances provided (i.e. security gates and driveway entrances). They are misrepresented.
- 3. Per LDR Section 2.4.3(B)(1), all plans (i.e. tree removal plan (1"=40'), pollution prevention plan (1"=30'), demolition plan (1"=20'), civil plans (1"=20'), etc.) shall be at the same engineering scale as the site plan (1"=10'). Redraw applicable plan sheets for consistency.

- 4. Per LDR Section 4.6.14(B)(6), graphically depict 40' sight visibility triangles at the intersections of two rights-of-way along SW 11th Street at SW 10th Avenue and SW 9th Avenue. Assure a clear line of sight above 3' per LDR Section 4.6.14(C) Intersections. If the waiver is approved, a 25' sight visibility may be shown instead of the required 40' sight visibility triangle.
- 5. Per LDR Section 4.4.26(H)(1), overhead doors shall not face adjacent rights-of-way except when it is clearly demonstrated that no opportunity exists to do otherwise. Should the Site Plan Review and Appearance Board (SPRAB) reject the justification as to why these overhead doors cannot relocated to be oriented facing the north (interior side), then the layout of the site shall be revisited to reorient the doors away from the adjacent rights-of-way along SW 9th Avenue.
- 6. For the overall development consisting of 9,314 sq. ft., a total of 17 parking spaces is required and 15 parking spaces have been provided. Based on the above, this parking requirement is not met. Accordingly, plans will have to be revised to accommodate an additional 2 parking spaces.

<u>Traffic Engineer Technical Items:</u> while the revised traffic study has accommodated most of staff concerns, the following items remain outstanding:

- 1. Total daily trip generation of 114 was calculated based on the ITE Trip Generation Hand Book. Although the methodology utilized was correct, this will require staff verification.
- 2. Because the previous traffic study was conducted over a year ago, the latest traffic study must assure that the traffic patterns have not changed. The developer shall utilize the SYNCHRO analysis tool which provides capacity analysis of the intersection SW 10th Avenue and SW 11th Street with and without the proposed project. Palm Beach County has only concluded that the development meets TPS more than a year ago. They did not provide any comments on the site plan which was not provided.
- 3. Utilize the latest existing and build-out (2018) roadway capacity level of service in the peak hours at the intersection as well as the SW 11th Street roadway link. The analysis will assist staff in determining whether existing driveways are adequate without the provision of turning lanes. Simply providing us the revised Traffic Generation Statement will not suffice.
- 4. Turning movements do not consider driveway access on SW10th Avenue. This option must be addressed in the traffic study for comparison to the proposed SW 11th Street access.
- 5. The existing traffic patterns may differ from what existed a year ago when the previous study was provided. It is outdated and observation analysis of new traffic patterns is necessary the site plan approval.

WAIVER ANALYSIS

Pursuant to LDR Section 2.4.7(B)(5), prior to granting a waiver, the approving body shall make a finding that the granting of the waiver:

(a) Shall not adversely affect the neighboring area;

- (b) Shall not significantly diminish the provision of public facilities;
- (c) Shall not create an unsafe situation; or,
- (d) Does not result in the grant of a special privilege in that the same waiver would be granted under similar circumstances on other property for another applicant or owner.

40' Sight Visibility Triangles:

Pursuant to LDR Section 4.6.14(B)(6), forty foot (40') sight visibility triangles are required and are not met. The forty foot (40') sight visibility triangle is obstructed by the 6' wall at the intersection of SW 9th Avenue and SW 11th Street. The applicant is requesting a waiver to this requirement to account for a twenty-five foot (25') sight visibility triangle.

The applicant has provided the following verbatim justification:

"We are requesting a waiver or relief from the requirement of 40' sight visibility triangle. With the site being only 66' wide, it is very restrictive to develop and meet the client's needs and city requirements. The 6 foot wall serves many purposes, namely, it shields the view of the overhead doors from the ROW/SW 9th Avenue, offers a more secure area around vulnerable building entries/delivery area and keeps the trash/recycling area out of public view. As is, the 6' wall is placed on the site, so that a 25' sight visibility triangle is present at the SW 9th Avenue and SW 11th Street intersection. Although this is allowable only in a single family residential zoning district per LDR Section 4.6.14(B)(4), it is in keeping with the neighborhood, where the continuation of SW 9th Avenue on the south side of SW 11th Street uses a 25' sight visibility triangle, as well. We also do not believe that the relief/waiver will significantly diminish the provision of public facilities. Due to the fact that SW 11th Street dead ends into an R-1 neighborhood, SW 9th Avenue is undeveloped and the intersection across the street utilizes the 25' triangle, it is unlikely to create an unsafe situation. And due to the restrictive nature of the property width, and the multiple reasons for needing the 6' wall, it will not result in the granting of a special privilege."

The reduction of the forty foot (40') sight visibility triangles to twenty-five feet (25') at the intersection of the two (2) rights-of-ways at the property line for SW 9th Avenue at SW 11th Street is deemed necessary, given that the existing site measures only 66.28 feet deep. Provision of a 40' sight visibility triangle along adjacent rights-of-way substantially reduces the development potential of the property. This is a hardship at no fault of the applicant. Thus, the waiver would be deemed supportable under similar circumstances and is not considered a special privilege. A reduced twenty-five foot (25') sight visibility triangle will not present a danger to vehicular traffic or pedestrians, and supports the current site design layout.

Granting a reduced twenty-five foot (25') sight visibility triangle waiver will not have an adverse effect on the neighboring area and will not create and unsafe situation. A twenty-five foot (25') sight visibility triangle (i.e. 15' reduction) would be supported under similar circumstances and therefore will not result in the granting of a special privilege. Consequently, a positive finding with respect to LDR Section 2.4.7(B)(5) can be made for the proposed twenty-five foot (25') sight visibility triangle reductions at the intersection of SW 9th Avenue and SW 11th Street.

SPECIAL ACTION PARKING REDUCTION

LDR Section 4.6.9(F)(1) - Reduction Allowed:

Pursuant to LDR Section 4.6.9(F)(1), special provisions are allowed for reduced parking, when upon receipt and acceptance of special documentation it is conclusively demonstrated that a reduced number of parking spaces will accommodate a specific use, the body which acts on the attendant site plan may reduce the parking requirements accordingly.

The applicant has provided the following justification statement regarding this special action:

"The parking was calculated, not including restrooms, stairs, breakroom, etc., which represent non-concurrent use spaces (512 s. f.), thus the 15 vs. 17 spaces. The office area is physically separated from the warehouse and functions are delegated to individuals, namely, 3 support staff, receptionist and office manager. The 2nd level anticipates company growth with future offices, which are in the parking calculations. This will be the SE headquarters for Resource POS and will need to function as a satellite to support the company's business functions and professional image."

In such case, staff agrees that the parking reduction does not offer any detrimental impact to the community. Granting of the parking reduction would not be considered a special privilege, as it would be supported under similar circumstances. It should be noted that if the Site Plan Review and Appearance Board (SPRAB) rejects the special documentation as to why the additional two parking spaces are not deemed necessary, then the site design layout shall be revised to accommodate the required parking, and this is a condition of site plan approval.

LANDSCAPE ANALYSIS

The landscape plan submitted has been evaluated by the City Landscape Senior Planner. The landscape plan provides perimeter and building foundation landscape material and calls for various native plans as well as plants that are suitable for the local climate.

The landscape plan generally complies with LDR Section 4.6.16. Based upon the above, the proposed landscape plan is in compliance with the provisions of LDR Section 4.6.16.

ARCHITECTURAL ELEVATIONS

LDR Section 4.6.18(E) - Criteria for Board Action: The following criteria shall be considered, by the Site Plan Review and Appearance Board (SPRAB), in the review of plans for building permits. If the following criteria are not met, the application shall be disapproved:

(a) The plan or the proposed structure is in conformity with good taste, good design, and in general contributes to the image of the City as a place of beauty, spaciousness, harmony, taste, fitness, broad vistas, and high quality.

- (b) The proposed structure, or project, is in its exterior design and appearance of quality such as not to cause the nature of the local environment or evolving environment to materially depreciate in appearance and value.
- (c) The proposed structure, or project, is in harmony with the proposed developments in the general area, with the Comprehensive Plan, and with the supplemental criteria which may be set forth for the Board from time to time.

The proposed architectural elevations are of a contemporary industrial style consisting of concrete masonry walls with a smooth stucco finish. As the majority of the building is intended for office and warehouse, functional aluminum frame impact resistant windows are being provided on the architectural elevations of the building.

The building features several design elements that help create a very attractive streetscape along SW 10th Avenue and SW 11th Street. These design elements include, aluminum solar shades, corrugated metal siding, stainless steel cable railing along the balconies, decorative coquina shell over stucco finish, and cantilever overhangs.

The color palette consists of four colors: Jocular green (which is a light green color) for the roof fascia, pure white for the stucco wall, a slight aqua tint green color for the window and door glass, and the coquina shell will be a beige. The combination of these colors will provide visual interest and be an aesthetic improvement to an existing vacant lot. The proposed architectural elevations will positively contribute to the surrounding area, increase adjacent property values and benefit the City as a whole. Based upon the above, positive findings can be made with respect to LDR Section 4.6.18(E).

SPECIAL ACTION BY THE BOARD

LDR Section 4.4.26(H)(1) Overhead Doors:

Pursuant to LDR Section 4.4.26(H)(1), overhead doors shall not face adjacent rights-of-way except when it is clearly demonstrated that no opportunity exists to do otherwise.

The applicant has provided the following justification statement regarding this special action:

"There is no other option for the door access to the warehouse space due to the narrow lot depth of 66'. The doors will be behind a solid 6' wall and significant landscaping/trees block the view of the doors. These doors are also facing SW 9th Avenue, which is not paved (paper street). Please see Sheet A-4 for a perspective drawing representing the wall and landscaping that hide the doors."

Due to the fact that service doors are substantially set back from the public rights-of-way (i.e. 38'2" from SW 9th Avenue) and visually screened by a proposed 6' wall, there will not be substantial impact to the neighboring community.

However, given that the proposed building does not exist on this vacant lot and the plans could be redesigned to provide a narrower (i.e. 40'-54') building in order to accommodate up to a minimum 12' one-way or maximum 26' two-way drive aisle along the north interior side, it does not meet the criteria "except when it is clearly demonstrated that no opportunity exists to do otherwise".

In such case, while staff agrees that the proposed location does not offer any detrimental impact to the community and will be primarily visually concealed along the unimproved SW 9th Avenue, it cannot clearly be demonstrated that an alternate design is not feasible. As such, staff leaves approval of the proposed design layout at the Board's discretion.

It should be noted that if the Site Plan Review and Appearance Board (SPRAB) rejects the justification as to why the overhead doors cannot be relocated to be oriented facing the north (interior side), then the site design layout shall be revisited to reorient the doors away from the adjacent rights-of-way, and this is a condition of site plan approval.

REQUIRED FINDINGS

Pursuant to LDR Section 3.1.1 (Required Findings), prior to the approval of development applications, certain findings must be made in a form which is part of the official record. This may be achieved through information on the application, written materials submitted by the applicant, the staff report, or minutes. Findings shall be made by the body which has the authority to approve or deny the development application. These findings relate to the following areas:

LDR Section 3.1.1(A) - Future Land Use Map:

The subject property has a Future Land Use Map (FLUM) designation of Commerce (CMR) and a zoning designation of Light industrial (LI). Pursuant to LDR Section 4.4.26(B) the wholesaling, storage, distribution and office uses are permitted in the LI (Light Industrial) district under "Principal Uses and Structures Permitted". Based upon the above, a positive finding with respect to consistency with the FLUM designation can be made.

LDR Section 3.1.1(B) - Concurrency:

As described in Appendix "A", a positive finding of concurrency can be made as it relates to water, sewer, streets, drainage, parks and recreation, solid waste, and schools. However, traffic concurrency has not yet been confirmed, and this is a condition of approval.

LDR Section 3.1.1(C) - Consistency (Standards for Site Plan Actions):

As described in Appendix "B", a positive finding of consistency can be made as it relates to Standards for Site Plan Actions.

LDR Section 3.1.1(D) - Compliance with the Land Development Regulations:

As described under the Site Plan Analysis section of this report, a positive finding of compliance with the LDR can be made, when all outstanding items attached as conditions of approval are addressed.

Comprehensive Plan Policies:

A review of the objectives and policies of the adopted Comprehensive Plan was conducted and the following applicable objectives and/or policies are noted:

<u>Transportation Element Policy D-2.2:</u> Bicycle parking and facilities shall be required on all new development and redevelopment. The development proposal has accommodated a bicycle racks and provided bike rick details. Thus, compliance with this standard is confirmed.

<u>Future Land Use Element Objective A-1:</u> Property shall be developed or redeveloped in a manner so that the future use and intensity is appropriate and complies in terms of soil, topographic, and other applicable physical considerations; is complimentary to adjacent land uses; and fulfills remaining land use needs.

The subject property consists of one vacant lot. The proposed development includes new construction of a 9,314 sq. ft. two-story office and warehouse building with a 708 sq. ft. mezzanine for storage on the second floor.

A vacant lot owned by the City of Delray Beach zoned Light Industrial (LI), abuts the subject property on the north. A residential retirement community known as the Groves of Delray built in 1995 and zoned RM (Multiple Family Residential), is located across SW 11th Street to the south. The property to the east is Calvary Bible Baptist Church which was built in 1962 and is zoned CF (community Facility). The property to the west is zoned Light Industrial (LI) and consist of a non-conforming structure built in 1962 (a single family residence).

The proposed development is not considered a pollution generating structure in terms of smoke, noise or industrial effluents. It is indeed an office and warehouse building, with storage facilities. Resource Point of Sale LLC. (RPS) is a Chicago based company specializing in point of sale equipment for the restaurant and retail industries. The City of Delray Beach will be the Southeast USA RPS distribution center. The project consists of on building. The building will host visitors in the main visitors lobby, offer product demonstration, include an administration staff area and product display exhibits. The residential development to the south, single family residence to the east and the community facility (Calvary Baptist Church) to the east will not be negatively impacted by the proposed development of this vacant lot as Resource Point of Sale. There are no special physical or environmental characteristics of the land that would be negatively impacted by the proposed development. The proposed industrial land use might be considered incompatible with adjacent residential land uses. However, given the product, no adverse impacts are anticipated. Therefore, based upon the above, no compatibility issues will exist between the proposed development and the surrounding land uses and positive findings can be made with regard to Future Land Use Element Objective A-1.

<u>LDR Section 2.4.5(F) (5) - Compatibility (Site Plan Findings):</u> The approving body must make a finding that development of the property pursuant to the site plan will be compatible and harmonious with adjacent and nearby properties and the City as a whole, so as not to cause substantial depreciation of property values.

Industrial Zoning Adjacent to Residential Zoning:

Pursuant to LDR Section 4.6.4(B)(1), where the rear or side of industrially zoned property does not directly abut residentially zoned property, but is separated from it by a street, alley, railroad, waterway, park, or other public open space, the industrially zoned property shall provide a 60-foot building setback from the property line located adjacent to the separator. The purpose of this LDR requirement is to create a physical barrier between the proposed industrial building and the residential area to the south.

This can be achieved by providing a 60-foot building setback from the property line located on the opposite side of SW 11th Street. In addition, either a solid finished masonry wall six feet in height, or a continuous hedge at least 4½' feet in height is required along the property line of the industrial property. While 60' existing from the property line on the opposite site of SW 11th Street (50' right-of-way) to the proposed building which is setback 10' from its own south property line is provided, a continuous hedge of at least 4½' or a 6' wall has not been provided

along the property frontage on SW 11th Avenue, interior to the property. It is noted that the property is heavily vegetated along SW 11th Avenue with a variety of tree and groundcover species, so no concern is anticipated. However, if a continuous hedge of at least 4½' was proposed, compliance with this requirement could be clearly demonstrated.

To the west, it is noted that single family residential is not an allowed use in the LI (Light Industrial District), and thus, no buffer is required.

The following table identifies the zoning designations and uses adjacent to the subject property:

	Zoning District:	Land Use:
North	Light Industrial (LI)	Vacant City-owned Lot
South	Multiple Family Residential (RM)	Groves of Delray (Retirement Community)
West	Light Industrial (LI)	Nonconforming house built in 1962 (single family residence)
East	Community Facility (CF)	Calvary Bible Baptist Church

Given the above, compatibility between the proposed development and the surrounding properties is not a concern. Further, there are no potential conflicts between the proposed industrial development and the adjacent developments relative to the Comprehensive Plan. Thus, positive findings can be made with respect to LDR Section 2.4.5(F)(5)(Compatibility).

WALLACE DRIVE REDEVELOPMENT AREA

Future Land Use Element Policy C-1.8: The Wallace Drive Redevelopment Plan includes the area that is bordered by SW 10th Street on the north; Milfred Street on the south; SW 9th Avenue on the east; and Tangelo Terrace on the west. The area had developed under County jurisdiction into a mix of incompatible land uses with limited public infrastructure and little or no code enforcement. The Wallace Drive Industrial Area Redevelopment Plan was adopted by City Commission on January 6, 2004. The Plan establishes proposed land use designations for the Redevelopment Area. Future development must be in accordance with the provisions of the Redevelopment Plan. The Redevelopment Plan encourages the development of light industrial, limited commercial and office uses in an urban setting. Aggregation of parcels is encouraged throughout the Redevelopment Area to accommodate unified development.

The Redevelopment Plan states that due to its close proximity to Interstate-95 and the Linton Boulevard interchange, the area is a prime location for uses which need good access for the distribution of goods and services. The MIC (Mixed Industrial and Commercial) and the LI (Light Industrial) zoning districts are compatible with a variety of industrial uses, including manufacturing, assembly, storage and distribution facilities. The Redevelopment Plan further identifies the subject property specifically for development as industrial use.

In areas zoned MIC (Mixed Industrial and Commercial) the goal of the Wallace Drive Redevelopment Plan is to replace all of the existing nonconforming residential uses with light

industrial, commercial and office uses. The proposed Resource Point of Sale will replace an existing vacant lot with a light industrial, warehouse and office use.

The development proposal warehouse, office and storage building is consistent with the guidelines for redevelopment of the Wallace Drive Industrial Area. Therefore, positive findings can be made with regard to Future Land Use Element Policy C-1.8. Thus, this consistency with this policy is confirmed.

REVIEW BY OTHERS

The development proposal is not located in an area requiring review by the Community Redevelopment Agency (CRA), Downtown Development Authority (DDA), or other advisory Board.

Courtesy Notices:

Courtesy notices have been sent to the following homeowner's and/or civic associations:

- ☐ Southridge HOA
- ☐ The Groves of Delray
- ☐ Delray Citizen's Coalition

Public Notices:

No public notification is required for site plan modifications. No letters of objection or support have been received to date. Any letters of objection or support received after preparation of this staff report, will be disclosed at the Site Plan Review and Appearance Board (SPRAB) meeting.

ASSESSMENT AND CONCLUSION

Resource Point of Sale LLC (RPS) is a Chicago based company specializing in point of sale equipment for the restaurant and retail industries. The City of Delray Beach will be the Southeast USA RPS distribution center. The project consists of one 9,314 sq. ft. two-story building, with associated parking, loading and landscape areas.

The proposal also includes the construction of a 9-space parking lot with the provision of 6 onstreet parallel parking spaces for a total of 15 spaces, whereas 17 spaces is required. Accordingly, plans will have to be revised to accommodate an additional 2 parking spaces unless the special action parking reduction request is approved, and this is a condition of approval.

The special action request to allow the overhead doors to face unimproved SW 9th Avenue is reasonable given that a 6' wall is provided. However, the criteria to allow it, except when it is clearly demonstrated that no opportunity exists to do otherwise, has not been met. Thus, approval of this site design layout is at the Board's discretion.

The waiver to reduce the 40' sight visibility triangle to 25' is supportable, given that the 6' wall assists in shielding the overhead doors from the adjacent rights-of-way.

Whereas, 100' of stacking is typically required for security gates, the subject property is only 66.28' feet deep and it merely cannot be accommodated with the current design. Accordingly, staff requests that as a condition of approval the security gates remain open during all regular operation hours, and are only closed after hours to alleviate a stacking concern. It is also noted

that on the site plan, the stacking distances are measured incorrectly and this must be remedied prior to site plan certification and is a condition of site plan approval.

Last, but certainly not least, a traffic concurrency determination must be provide that either satisfies the requirements of the City of Delray Beach Traffic Engineer or the Palm Beach County Traffic Division. This is also a condition of site plan approval.

In conclusion, the development will be consistent with the objectives and policies of the Comprehensive Plan and Chapter 3 of the Land Development Regulations as well as the Wallace Drive Industrial Area Redevelopment Plan, provided that the attached conditions of approval are addressed. Positive findings can also be made with respect to LDR Section 2.4.5(F)(5) regarding compatibility of the proposed use with surrounding properties.

ALTERNATIVE ACTIONS

- A. Continue with direction.
- B. Move approval of the Class III Site Plan Modification, Landscape Plan, Architectural Elevations and Special Action Request for **Resource Point of Sale (RPOS)**, by adopting the findings of fact and law contained in the staff report, and finding that the request and approval thereof is consistent with the Comprehensive Plan and meets criteria set forth in Sections 2.4.5(F)(5), 2.4.5(G)(1)(c), 4.6.16, 4.6.18(E) and Chapter 3 of the Land Development Regulations, subject to the attached conditions of approval.
- C. Move denial of the Class III Site Plan Modification, Landscape Plan, Architectural Elevations and Special Action Request for the **Resource Point of Sale (RPOS)**, by adopting the findings of fact and law contained in the staff report, and finding that the request is inconsistent with the Comprehensive Plan and <u>do not meet criteria</u> set forth in Sections 2.4.5(F)(5), 2.4.5(G)(1)(c), 4.6.16, 4.6.18(E) and Chapter 3 of the Land Development Regulations.

STAFF RECOMMENDATION

By Separate Motions:

Waiver Request:

Recommend **approval** to the City Commission for a waiver to LDR Section 4.6.14(B)(6), which requires that forty foot (40') sight visibility triangles are provided at the intersection of two (2) rights-of-way, whereas the proposed plans for Resource Point of Sale request a twenty-five foot (25') sight visibility triangle at the intersection of SW 9th Avenue and SW 11th Street.

Special Action Parking Reduction:

Move **approval** of the special action parking reduction request for Resource Point of Sale (RPOS) to provide 15 spaces whereas 17 is required, pursuant to LDR Section 4.6.9(F)(1), which allows for reduced parking when upon receipt and acceptance of special documentation it is conclusively demonstrated that a reduced number of parking spaces will accommodate a specific use, the body which acts on the attendant site plan may reduce the parking requirements accordingly.

NOTE: It is noted that should the Site Plan Review and Appearance Board (SPRAB) rejects the special documentation as to why the additional two parking spaces are not deemed necessary, then the site design layout shall be revised to accommodate the required parking, and this is a condition of site plan approval. See Site Plan condition #4 below.

Special Action By The Board:

Board's Discretion in acceptance of the proposed location of the overhead doors which face the public right-of-way along SW 9th Avenue for Resource Point of Sale (RPOS), pursuant to LDR Section 4.4.26(H)(1) which indicates that overhead doors shall <u>not</u> face adjacent public rights-of-way <u>except</u> when it is clearly demonstrated that no opportunity exists to do otherwise.

NOTE:

It is noted that should the Site Plan Review and Appearance Board (SPRAB) reject the justification as to why these service doors cannot relocated to be oriented facing the north (interior side), then the layout of the site shall be revisited to reorient the doors away from the adjacent rights-of-way. See Site Plan condition #5 below.

Site Plan:

Move **approval** of the request for a Class III Site Plan Modification for Resource Point of Sale, by adopting the findings of fact and law contained in the staff report, and finding that the request and approval thereof is consistent with the Comprehensive Plan and <u>meets criteria</u> set forth in Section 2.4.5(F)(5), 2.4.5(G)(1)(c) and Chapter 3 of the Land Development Regulations, subject to the following conditions:

- 1. Provide four (4) signed and sealed copies of the revised plans that address the remaining technical comments as indicated in the staff report and all conditions.
- 2. To eliminate stacking concerns, the security gates shall only be utilized after hours, when the business is closed.
- 3. On the site plan (Sheet A-1.0), pursuant to LDR Section 4.6.9(D)(3)(c), dimension and label all stacking distances provided (i.e. security gates and driveway entrances). They are misrepresented.
- 4. Pursuant to LDR Section 4.6.9(F)(1), special provisions are allowed for reduced parking, when upon receipt and acceptance of special documentation it is conclusively demonstrated that a reduced number of parking spaces will accommodate a specific use, the body which acts on the attendant site plan may reduce the parking requirements accordingly. Should the Site Plan Review and Appearance Board (SPRAB) reject the special documentation as to why the additional two parking spaces are not deemed necessary, then the site design layout shall be revised to accommodate the required parking.
- 5. Per LDR Section 4.4.26(H)(1), overhead doors shall not face adjacent rights-of-way except when it is clearly demonstrated that no opportunity exists to do otherwise. Should the Site Plan Review and Appearance Board (SPRAB) reject the justification as to why these overhead doors cannot relocated to be oriented facing the north (interior side), then the layout of the site shall be revisited to reorient the doors away from the adjacent rights-of-way along SW 9th Avenue.
- 6. Per LDR Section 4.6.14(B)(6), graphically depict 40' sight visibility triangles at the intersections of two rights-of-way along SW 11th Street at SW 10th Avenue and SW 9th Avenue. Assure a clear line of sight above 3' per LDR Section 4.6.14(C) Intersections. If the waiver is approved, a 25' sight visibility may be shown instead of the required 40' sight visibility triangle.

- 7. Per LDR Section 2.4.3(B)(1), all plans (i.e. tree removal plan (1"=40'), pollution prevention plan (1"=30'), demolition plan (1"=20'), civil plans (1"=20'), etc.) shall be at the same engineering scale as the site plan (1"=10'). Redraw applicable plan sheets for consistency.
- 8. Obtain a traffic concurrency determination that either satisfies the requirements of the City of Delray Beach Traffic Engineer or the Palm Beach County Traffic Division.

Landscape Plan:

Move **approval** of the request for a landscape plan for **Resource Point of Sale**, by adopting the findings of fact and law contained in the staff report, and finding that the request and approval thereof is consistent with the Comprehensive Plan and <u>meets criteria</u> set forth in Sections 2.4.5(F)(5), 4.6.16 and Chapter 3 of the Land Development Regulations.

Architectural Elevations:

Move **approval** of the request for architectural elevations for the **Resource Point of Sale**, by adopting the findings of fact and law contained in the staff report, and finding that the request and approval thereof is consistent with the Comprehensive Plan and <u>meets criteria</u> set forth in Sections 2.4.5(F)(5), 4.6.18(E) and Chapter 3 of the Land Development Regulations.

Staff Report Prepared by: Candi Jefferson, Senior Planner Attachments: Appendices "A" &"B", Location Map, Site Plan, Landscape Plans and Architectural Elevations

APPENDIX "A" CONCURRENCY FINDINGS

Pursuant to LDR Section 3.1.1(B), Concurrency, as defined pursuant to Objective B-2 of the Land Use Element of the Comprehensive Plan, must be met and a determination made that the public facility needs of the requested land use and/or development application will not exceed the ability of the City to fund and provide, or to require the provision of, needed capital improvements for the following areas:

<u>Water and Sewer:</u> Water service will be provided via service lateral connection to a proposed 10" water main located within SW 11th Street right-of-way. Sewer service will be provided via service lateral connection to an existing 8" sanitary sewer main located within the SW 9th Avenue right-of-way. Fire protection will be provided via an existing fire hydrant located on the west side of SW 9th Avenue r-o-w. The Comprehensive Plan states that adequate water and sewer treatment capacity exists to meet the adopted LOS at the City's build-out population based on the current FLUM. The development proposal will have an insignificant impact on these services. Thus, a positive finding with respect to this level of service standard can be made.

<u>Streets and Traffic:</u> The applicant has submitted a traffic study indicating that the proposed project will generate 114 Average Daily Trips (ADT), with 13 AM peak hour trips and 6 PM peak hour trips. Even though the impact on the surrounding road network may be considered insignificant, the City Traffic Engineer has items pending resolution as identified earlier in the staff report. In such case, provisions need to be made to address the Traffic Engineer concerns or the applicant can obtain a letter from the Palm Beach County Traffic Division indicating that the development proposal meets concurrency. Thus, this is attached as a condition of approval.

<u>Parks and Recreation Facilities:</u> Park dedication requirements do not apply for non-residential uses. Thus, the proposed development will not have an impact with respect to this level of service standard.

<u>Solid Waste</u>: The proposed 9,314 square foot industrial, warehouse and storage facility will generate 23.302 tons of solid waste per year. The Solid Waste Authority has indicated that its facilities have sufficient capacity to handle all development proposals until the year 2047. Thus, a positive finding with respect to this level of service standard can be made.

<u>Drainage</u>: Drainage will be accommodated on site via sheet flow into a 55' linear foot exfiltration trench and two in-let catch basins located within the parking area. There should be no impact on drainage as it relates to this level of service standard.

<u>Schools:</u> School concurrency findings do not apply for non-residential uses. Thus, the proposed development will not have an impact with respect to this level of service standard.

Building design,								create
unwarranted distr	actions or blo	ckage of vi	sibility as	it pertains	s to tra	ffic circ	culation.	

Not applicable		
Meets intent of standard	X	
Does not meet intent		

B. Separation of different forms of transportation shall be encouraged. This includes pedestrians, bicyclists, and vehicles in a manner consistent with policies found under Objectives D-1 and D-2 of the Transportation Element.

Not applicable		
Meets intent of standard	Х	
Does not meet intent		

C. Open space enhancements as described in Policies found under Objective B-1 of the Open Space and Recreation Element are appropriately addressed.

Not applicable X	
Meets intent of standard	
Does not meet intent	

D. The City shall evaluate the effect that any street widening or traffic circulation modification may have upon an existing neighborhood. If it is determined that the widening or modification will be detrimental and result in a degradation of the neighborhood, the project shall not be permitted.

Not applicable		
Meets intent of standard	X	
Does not meet intent		

E. Development of vacant land which is zoned for residential purposes shall be planned in a manner which is consistent with adjacent development regardless of zoning designations.

Not applicable	X				
Meets intent of stand	ard				
Does not meet intent					

F. Vacant property shall be developed in a manner so that the future use and intensity are appropriate in terms of soil, topographic, and other applicable physical considerations; complementary to adjacent land uses; and fulfills remaining land use needs.

Not applicable			
Meets intent of standard	X		
Does not meet intent			

G. Redevelopment and the development of new land shall result in the provision of a variety of housing types which shall continue to accommodate the diverse makeup of the City's demographic profile, and meet the housing needs identified in the Housing Element. This shall be accomplished through the implementation of policies under Objective B-2 of the Housing Element.

Not applicable	Х			
Meets intent of sta	andard			
Does not meet into	ent			

H. The City shall consider the effect that the proposal will have on the stability of nearby neighborhoods. Factors such as noise, odors, dust, traffic volumes and circulation patterns shall be reviewed in terms of their potential to negatively impact the safety, habitability and stability of residential areas. If it is determined that a proposed development will result in a degradation of any neighborhood, the project shall be modified accordingly or denied.

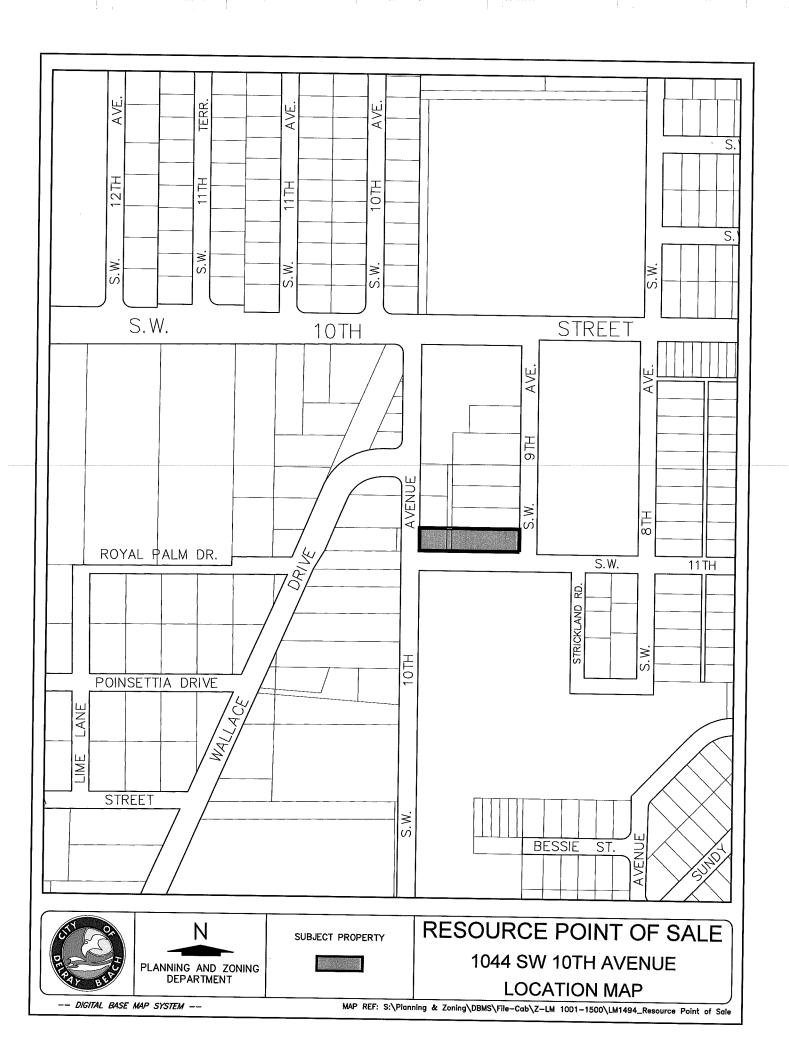
Not applicable	L	
Meets intent of standard	X	
Does not meet intent		

I. Development shall not be approved if traffic associated with such development would create a new high accident location, or exacerbate an existing situation causing it to become a high accident location, without such development taking actions to remedy the accident situation.

Not applicable	
Meets intent of standard	X – Pending a finding of traffic concurrency
Does not meet intent	

J. Tot lots and recreational areas, serving children from toddler to teens, shall be a feature of all new housing developments as part of the design to accommodate households having a range of ages. This requirement may be waived or modified for residential developments located in the downtown area, and for infill projects having fewer than 25 units.

Not applicable	Х			
Meets intent of stan	dard			
Does not meet inter	nt			









MEMORANDUM

Date:

15 February 2016

Project Name:

ReSource POS - New Offices and Warehouse Facility

Project Number:

1312.03

Project Phase:

CLIII Site Plan Modification

Subject:

Waiver Request or Relief from Sight Visibility Triangle Requirements

To:

City of Delray Beach

Planning & Zoning Department

Attn:

All Divisions

Planning and Zoning - Candi Jefferson, Senior Planner Mandatory

1. Per LDR Section 4.6.14(B)(6), graphically depict 40' (forty foot) sight visibility triangles at the intersections of two (2) rights-of-way along SW 11th Street at SW 10th Avenue and SW 9th Avenue. Assure a clear line of sight above 3' (three feet) per LDR Section 4.6.14(C) Intersections. Since this cannot be accommodated via plan revisions, a waiver to the min. 40' sight visibility triangle must be requested to allow the 6' wall proposed to be constructed around the loading area. Accordingly, provide a written justification statement, processing fee (i.e. \$1000 payable to the City of Delray Beach) and assure the following itemized waiver criteria are evaluated and demonstrated as supportable.

Response: We are requesting a waiver or relief from the requirement of 40' sight visibility triangle. With the site being only 66' wide, it is very restrictive to develop and meet the client's needs and city requirements. The 6 foot wall serves many purposes, namely, it shields the view of the overhead doors from the ROW/SW 9th Avenue, offers a more secure area around vulnerable building entries/delivery area and keeps the trash/recycling area out of public view. As is, the 6' wall is placed on the site, so that a 25' sight visibility triangle is present at the SW 9th Avenue and SW 11th Street intersection (see attached diagram). Although this is allowable only in a single family residential zoning district per LDR Section 4.6.14(B)(4), it is in keeping with the neighborhood, where the continuation of SW 9th Avenue on the south side of SW 11th Street uses a 25' sight visibility triangle, as

steve edwards architecture IIc

941 se 14th terrace deerfield beach, fl 33062

AR 94857

954.675.0950



well. (Please see photo) (a). We also do not believe that the relief/waiver will significantly diminish the provision of public facilities (b). Do to the fact that SW 11th Street dead ends into an R-1 neighborhood, SW 9th Avenue is undeveloped and the intersection across the street utilizes the 25' triangle, it is unlikely to create an unsafe situation (c). And due to the restrictive nature of the property width, and the multiple reasons for needing the 6' wall, it will not result in the granting of a special privilege.

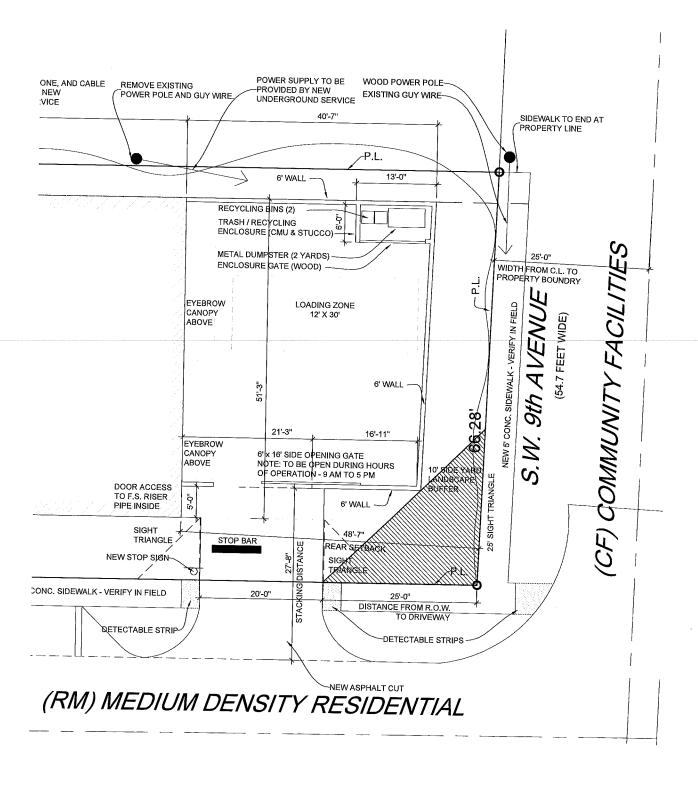
Thanks you very much for your consideration of this matter.

Respectfully Submitted,

Stephen P. Edwards, AIA, NCARB, LEEDap

steve edwards architecture IIc 941 se 14th terrace deerfield beach, fl 33062 954.675.0950

AR 94857





MEMORANDUM

Date:

22 February 2016

Project Name:

ReSource POS - New Offices and Warehouse Facility

Project Number:

1312.03

Project Phase:

CLIII Site Plan Modification

Subject:

Request for Special Action for Parking Reduction

To:

City of Delray Beach

Planning & Zoning Department

Attn:

All Divisions

Planning and Zoning - Candi Jefferson, Senior Planner

It would be helpful if you can provide floor plan exhibits which indicates via <u>shading or pattern</u> the areas that have been excluded from the parking calculations, and note the associated deducted sq. ft.

Typically, the <u>gross floor area</u> is utilized for industrial uses (i.e. attendant offices). However, given the total area dedicated to office uses, the Director has indicated he will accept the net floor area typically associated with business and professional offices uses allowed in commercial zoned areas.

Also, the special action parking reduction in LDR Section 4.6.9.F.1 is stated as follows:

"Reduction Allowed: When, upon receipt and acceptance of special documentation, it is conclusively demonstrated that a reduced number of parking spaces will accommodate a specific use, the body which acts on the attendant site plan may reduce the parking requirements accordingly."

Thus, a more detailed description of the <u>anticipated office uses proposed on-site</u>, might further support the request. Especially, if it can be ascertained that it is closer to business/professional office use as opposed to just attendant offices typically associated with industrial uses.

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AR 94857



Response: I greatly appreciate the director's consideration to use the net area, typical of commercially zoned areas for the parking calculations. The parking was calculated, not including restrooms, stairs, breakroom, etc., which represent non-concurrent use spaces (512 s.f.), thus the 15 vs. 17 spaces. Please see plan diagram for breakdown. The office area is physically separated from the warehouse and functions are delegated to individuals, namely, 3 support staff, receptionist and office manager. The 2nd level anticipates company growth with future offices, which are in the parking calculations. This will be the SE headquarters for ReSource POS and will need to function as a satellite to support the company's business functions and professional image.

We would be greatly appreciative of staffs' support for a reduction in parking.

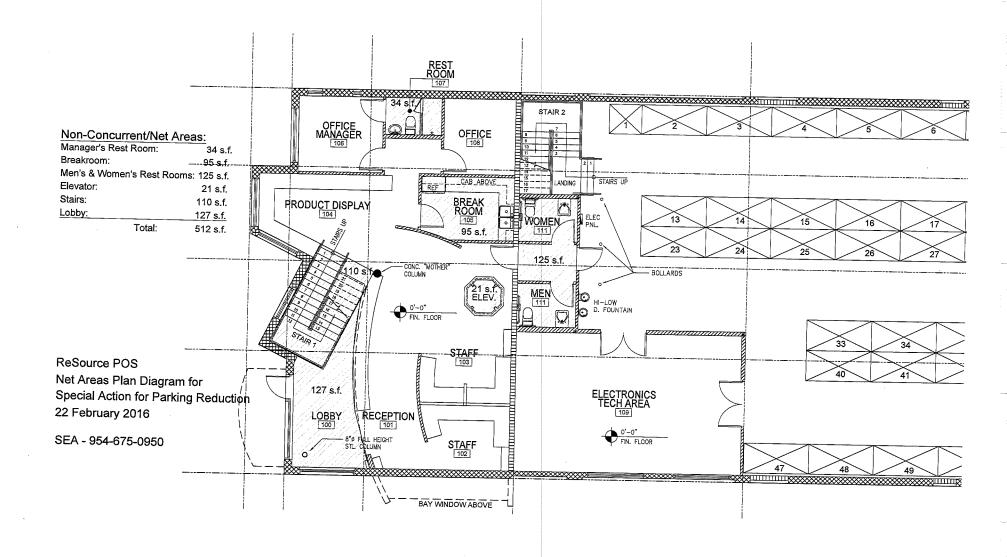
Thanks you very much for your consideration of this matter.

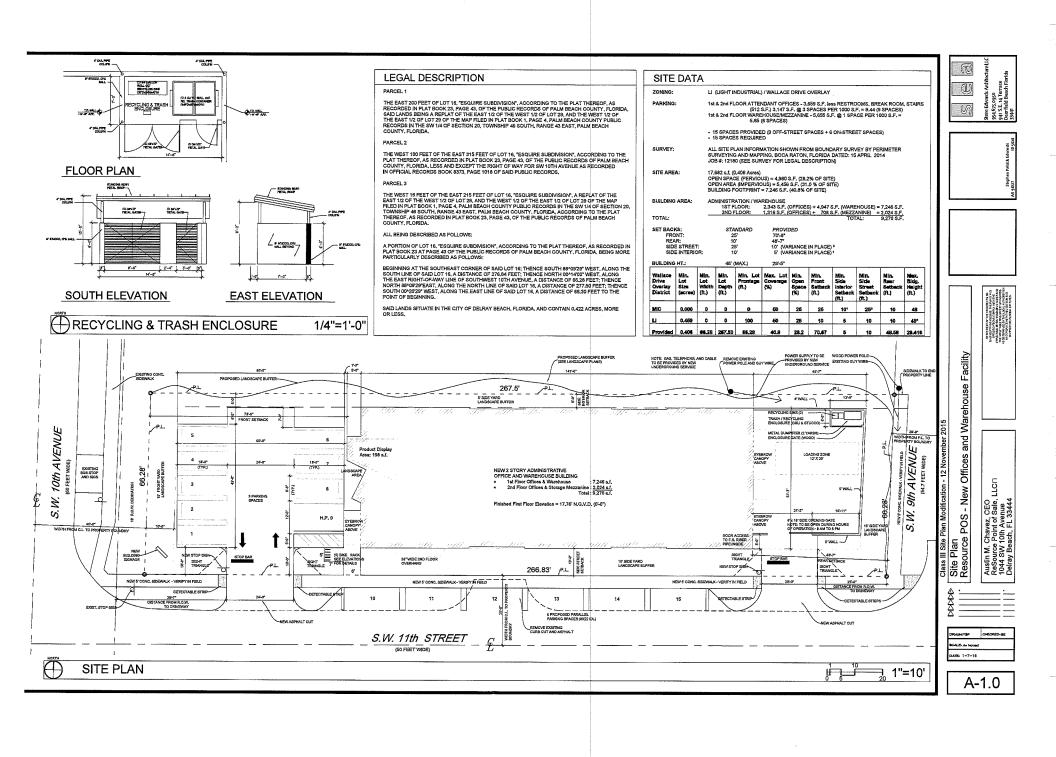
Respectfully Submitted,

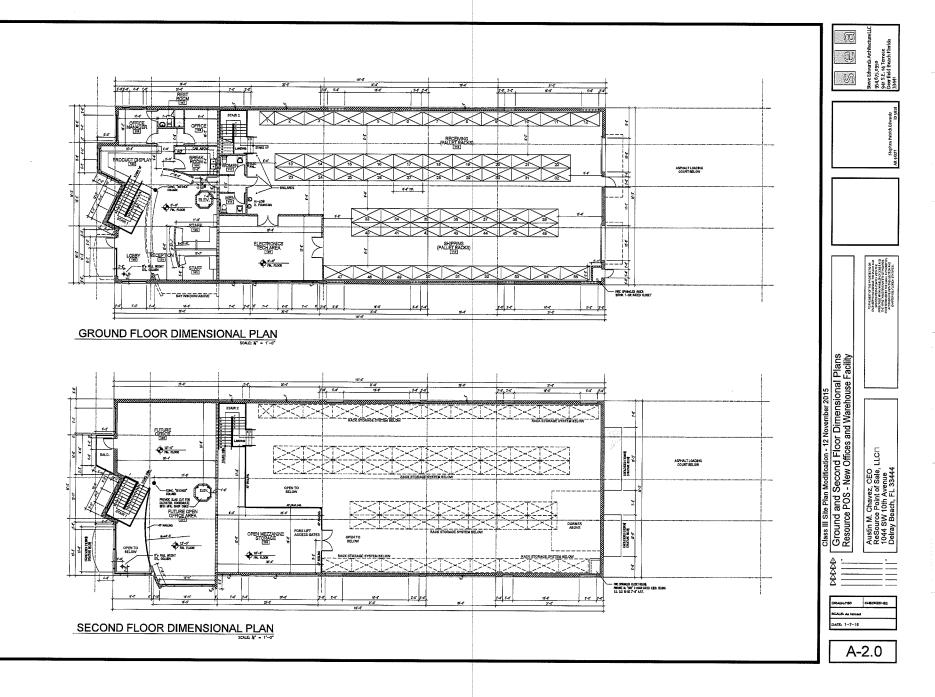
Stephen P. Edwards, AIA, NCARB, LEEDap

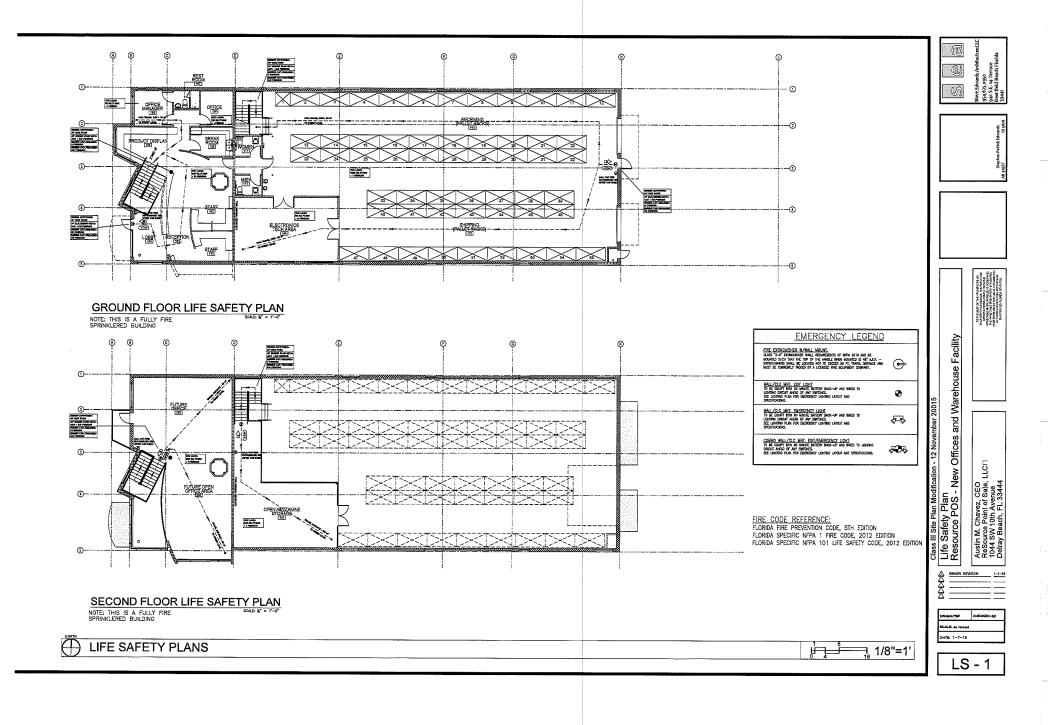
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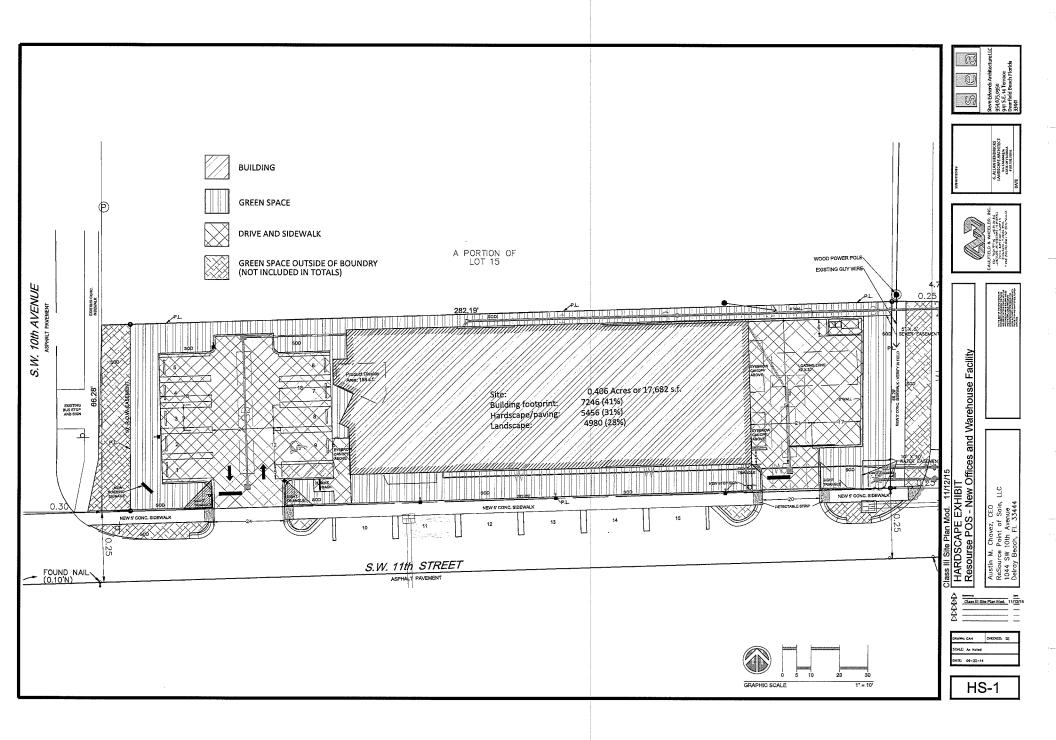
AR 94857

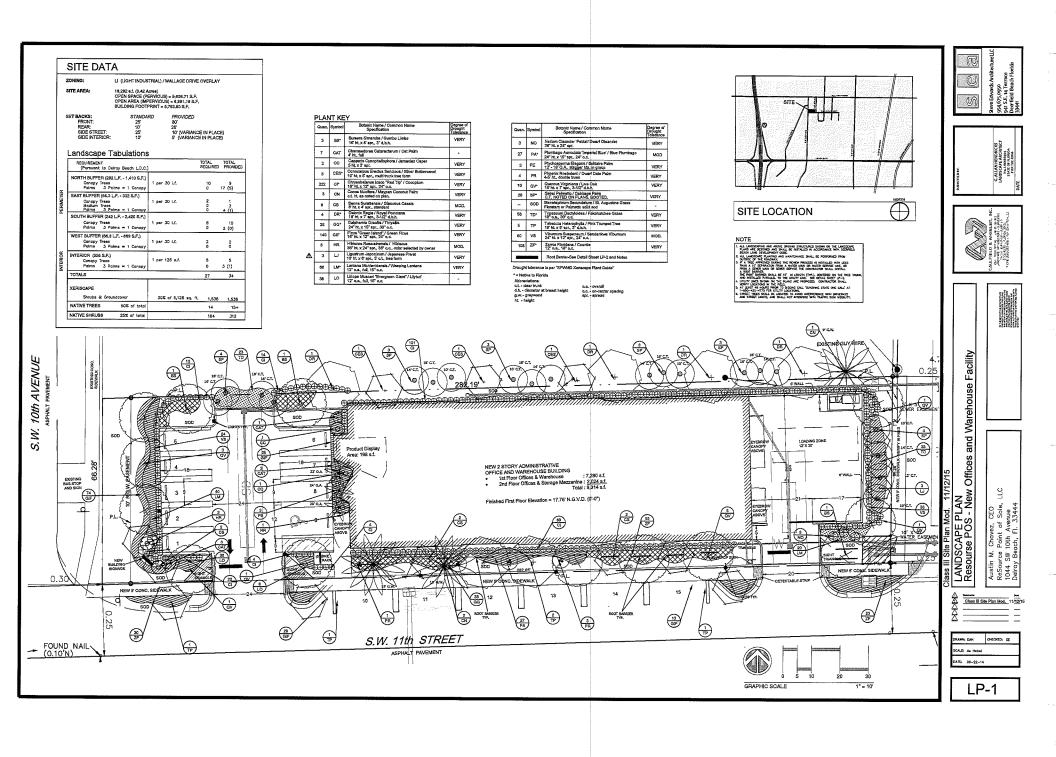




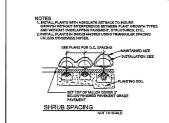


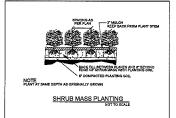


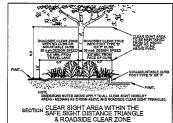


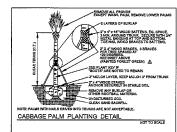


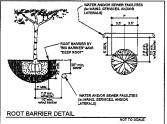












- STAYERS OF BURLAP

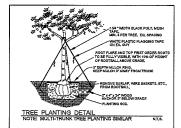
2"X 4"WOOD BRACES, MIN. 3 BRACES PER TREE SPACED AT 128 DEGREES.

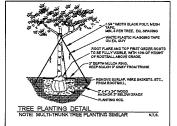
3" MULCH, KEEP 3" FROM TRUNK.

PALM PLANTING DETAIL

L'x 4" WOOD STAKES INCHOR SECURELY IN STABLE SOIL,

1. NO SCARS ON TRUNK. 2. PLANT AT SAME DEPTH AS CRIGINALLY GROWN.







LANDSCAPE NOTES

- ALL LANDSCAPE AND SPECIFICATIONS SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS PROVIDED BY PALM BEACH COUNTY CAND DEVELOPMENT REGULATIONS.
- ALL PLANTING MATERIAL SHALL MEET OR EXCEED FLORIDA GRADE #1 AS SPECIFIED IN GRADES AND STANDARDS FOR NURSERY PLANTS, CURRENT EDITION.
- J. ALL SIZES SHOWN FOR PLANT MATERIAL ON THE PLAN ARE TO BE CONSIDERED AS INIMINANS. ALL PLANT MATERIAL MUST MEET OR EXCEED THISSE MINIMUM REQUIREMENTS FOR BOTH HEIGHT AND SPREAD. ANY OTHER REQUIREMENTS FOR SPECIFIC SHAPE OR EFFECT AS NOTED ON THE PLAN NILL ALSO BE REQUIRED FOR ACCEPTANCE.
- LANDSCAPE SHALL BE PLACED TO EDGE OF ABUTTING STREETS, CANALS, LAKES OR OTHER LANDS.
- LAMES OF OTHER LOUDINGST, AR CONDITIONING, BRIGATION PUMP STATIONS AND COURSENT, THE TRANSPORMERS, POOL DAMPS, ETC, MUST STATIONS AND COURSENT, THE TRANSPORMERS, POOL DAMPS, ETC, MUST NOTE: THE CURRENT OF STREETING SHEERS MAY BE A ADDITION TO THE RECURRED NUMBER OF SHIMES AS PROVIDED IN THE CODE CALCULATION TABLE. ALL SCEEMING SHEERS SHALL BE PLANTED FOR PROPER OPERATION OF COURSENT BONG SOREPINED AND/ON PER THE RECURRED TO THE UTILITY AS INCORPORATION.
- CUMMG/STAKING PRACTICES SHALL NOT PERBIT MAILS, SCREWS, WIRES, ETC. TO PENETRATE QUITER SUPFACES OF TREES, PALMS OR OTHER PLANTED MATERIAL. TREES, PALMS AND PLANT MATERIAL WILL BE RELECTED DUE TO THIS PRACTICE.
- BURLAP MATERIAL, WIRE CAGES, PLASTIC/CANVAS STRAPS, ETC. MUST BE CUIT AND REMOVED FOR THE TOP OWE-HALF (1/2) DEPTH OF THE ROOT BALL TREES AND STRUEDS ROOWN IN GROW BASS OR GROW BAC TYPE MATERIAL MUST HAVE SUCH MATERIAL REMOVED ENTIRELY PRIOR TO PLANTING THE TREE OR SHOUL.
- ALL PLANT MATERIAL SHALL BE FREE OF PESTS, INSECTS, DISEASE, WEEDS, ETC.
- WEEDS, ETC.
 ALL PLANT MATERIAL SHALL BE PLANTED AT THE PROPER DEPTHS, AS ORIGINALLY GROWN AND/OR SO THE TOP OF THE ROOT BALL IS FLUSH OR SUIGHTLY ABOVE PRUSHED GRADE IMMEDIATELY PATTER PLANTION. ALL TREES SHOULD PROVIDE TRUNK TAPER WHEN PROPERLY PLANTED AT THE CORRECT PLANTED OF THE PROPERLY PLANTED AT THE CORRECT PLANTED OF THE PROPERLY PLANTED AT THE
- ALL PLANT MATERIAL SHALL BE WATERED IN AT TIME OF PLANTING TO ELIMINATE AIR POCKETS IN THE ROOT ZONE AREA.
- UPON COMPLETION OF WORK, THE SITE SHALL BE CLEARED OF ALL DEBRIS, SUPERFLUCUS MATERIALS, AND EQUIPMENT CAUSED BY THIS PERMIT.

Streetscape Notes

- All landscaping and above ground structures shown on the landscape plans are designed and shall be installed in accordance with Palm Beach County "Streetscapes Standards Manual": dated August 1999, including all
- 2. Utility lines shown on the plans are not field verified.
- Contractor shall verify these locations in the field.

 3. At least 48 hours prior to digging call 'Sunshine State One Call' at 1-800-432-4770 for utility locations.

& PATRICE VACES & of Part of Taket

SCALE 17 × 40

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Maintenance Note

TREE REMOVAL PRESERVATION

- ALL LINEGELEZA APELE SALL SE FRONDE MET AN UNEGROSTOME.

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 PRULY ALTONALIS ROBATION SCHOOL UNDER CPA-LE PROMISSES.

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 TO SECON ALL ONLY OR AS MAY BE PURITHER RESTRICTED BY SOUTH ROBBON

 METRIC MARKENISTAL DISTRICT OR DOST JUSTICE SHALL BE LINED.
- 13. ALL PLANT MATERIAL AND WORK SHALL BE CHARANTEED FOR ONE-YEAR RICH FLANT DECURED SUBSTANTIAL CONFLATION. CENTRICATE. DURING THE ONE CONFLICTOR SHALL BE REPLACED WITH THE SAME PLANT THE FAIR LESS OF THE COLOR TO THE SEE AND CHARLY SHROWLL SHEDDER. THE YEAR FOOL THE TATE OF THE STATIATION. THE CHARANTEE WILL BE MILL AND VOD IF PLANT MATERIAL IS DAMAGED OR NILLED BY LIGHTHING, HERICAGE OF THE STATIATION. THE CHARANTEE WILL BE MILL AND VOD IF PLANT MATERIAL IS DAMAGED OR NILLED BY LIGHTHING, HERICAGE.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THERE ARE NOT CONFLICTS WITH ABOVE OR BELOW GROUND UTILITIES PRIOR TO COMERCING LANDSCAPE INSTALLATION. NOTIFY OWNER IF CONFLICTS EXIST.
- ANY TREES TO REMAIN SHALL BE PRUNED IN SUCH A WAY TO PROMOTE PROPER HORTICULTURAL AND NATURAL TREE GROWTH.
- ALL TREES AND PALMS SHALL BE PLACED A MINIMUM OF 5" FROM UNDERGROUND UTILITIES.
- GROUND COVERS SHALL BE SPACED AS NOTED OR TO INSURE GROUND COVER WITHIN 5 MONTHS OF PLANTING.
- ALL EXISTING PLANTING BED SOILS SHALL BE REPLACED TO A DEPTH OF 30 INCHES.
- MULCH SHALL BE EUCALYPTUS OR MELALEUCA MULCH. ALL TREES ARE TO HAVE A 30" RING COVERED WITH A 3" LAYER OF COMPACTED MULCH. ALL SHRUB BEDS WITH A 3" LAYER OF COMPACTED MULCH.
- ALL PLANT MATERIAL SHALL BE FERRILIZED WITH A TABLET FORM BALANCED FERRILIZER CONTAINING MINOR ELEMENTS. FOLLOW MANUFACTURES'S RECOMMENDATIONS FOR RATES. SOOJ AREAS SHALL BE FERRILIZED WITH A GRANULAR FORM BALANCED FERRILIZER WITH MINOR ELEMENTS FOLLOWING MANUFACTUREN'S RECOMMENDATIONS FOR RATES.
- 21. PLANTING SOIL SHALL BE A MIX OF 1/3 NATIVE SOIL , 1/3 CLEAN SAND & 1/3 PEAT. IF NATIVE SOIL IS UNACCEPTABLE, CONTACT LANDSCAPE ARCHITECT,
- ALL LANDSCAPING SHALL BE INSTALLED IN A WORKMANLIKE MANNER, AND ACCORDING TO ACCEPTED GOOD PLANTING PROCEDURES WITH QUALITY PLANT MATERIALS AS HERBIN DESCRIBED.
 ALL PROHIBITED PLANT SPECES SHALL BE REMOVED FROM THE SITE.
- 24. ALL LANDSCAPE AREAS TO BE TREATED WITH PRE EMERGENT WEED CONTROL PRIOR TO MULICH INSTALLATION, ADDITIONAL WEED CONTROL SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR UNTIL RINAL SIGN OF BY THE CITY OF DELRAY BEACH.

Contractor to remove all

Dead Trees, Austrailian

PE LINE PECK

Pines and other Pest Paint Material from this Area.

THE SAME

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Landscape & Root Barrier Note

 Trees shown on this plan are for graphic representation only.
Tree spacing is based on design requirements and the trees
shown on these plans altering to accomplish that spacing
while maintaining the required setbacks from utilities. Trees
may be field adjusted to avoid conflicts with driveways and
underground utilities. In any case the trees shall be located in the field in accordance with the planting details shown hereon.

2. Additionally, trees are to be installed with a ten foot (10) Additionally, troes are to be installed with a ten froct (10) separation from any water or sewer main and/or service, hydrants, and lift stations, if a ten foot (10) separation cannot be achieved, the tree can be installed with a root barrier system. Refer to the "Root Barrier Detail" for installation system, Keler to the "Koot Barrier Detail" for installation requirements. However, in no case shall a tree encreach into a PBCUE without prior PBCWUD approval and only sod can be installed within 7.5' of a fire hydrant unless otherwise approved by the Fire Marshall.

APERIOR OF VACART ... -- 175 in --





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Facility Warehouse

Chavez, CEO
Point of Sale,
10th Avenue

Austin M. ReSource 1 1044 SW 1 Delray Bea

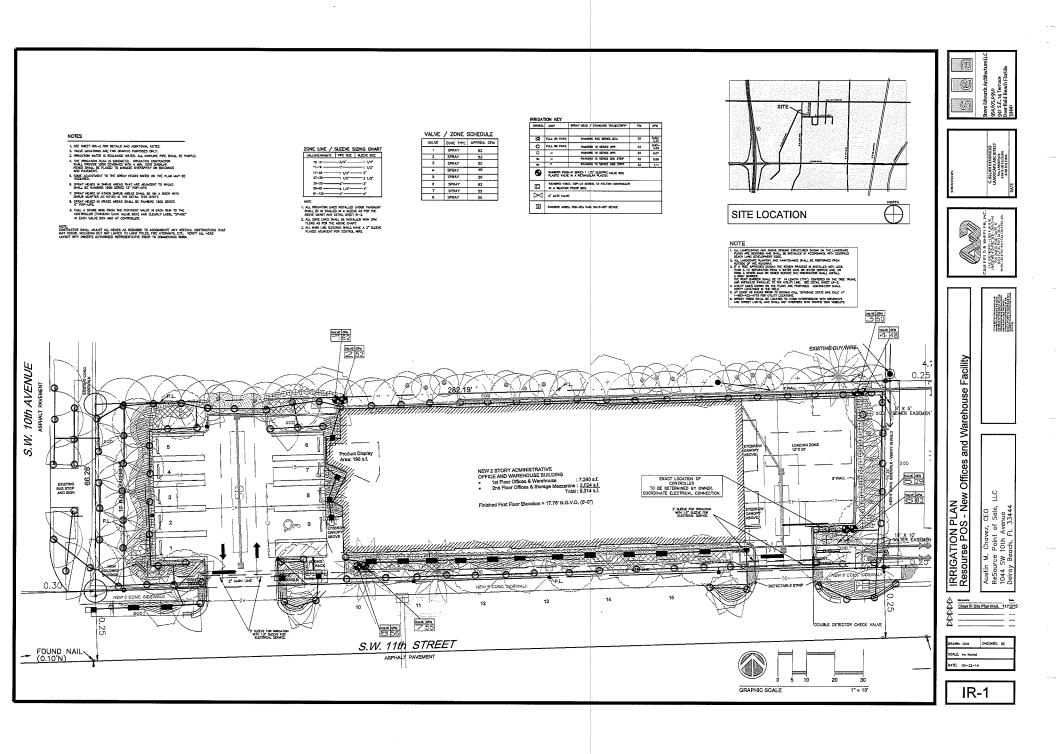


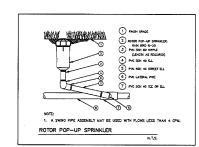
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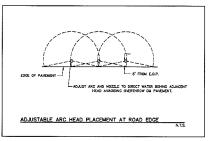
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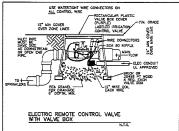
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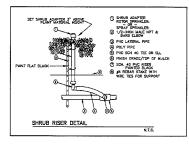
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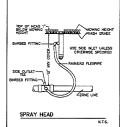


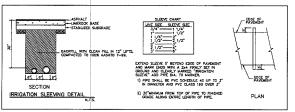


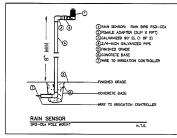


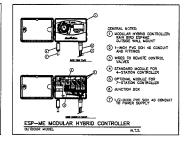




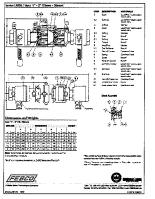






















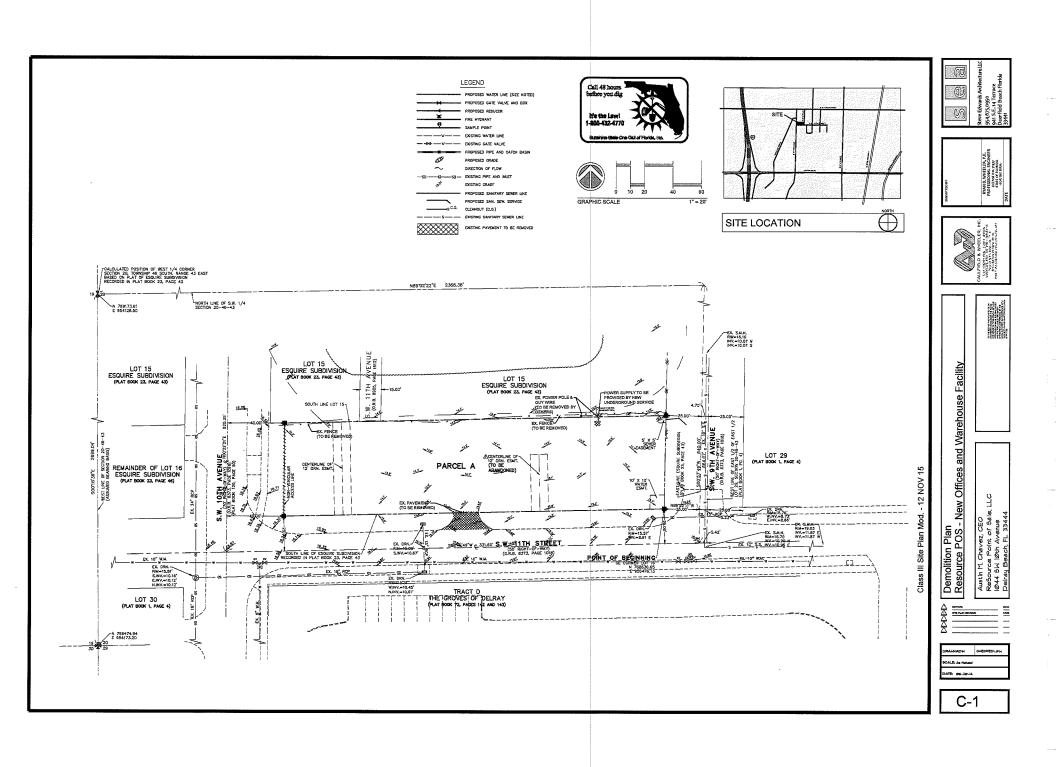


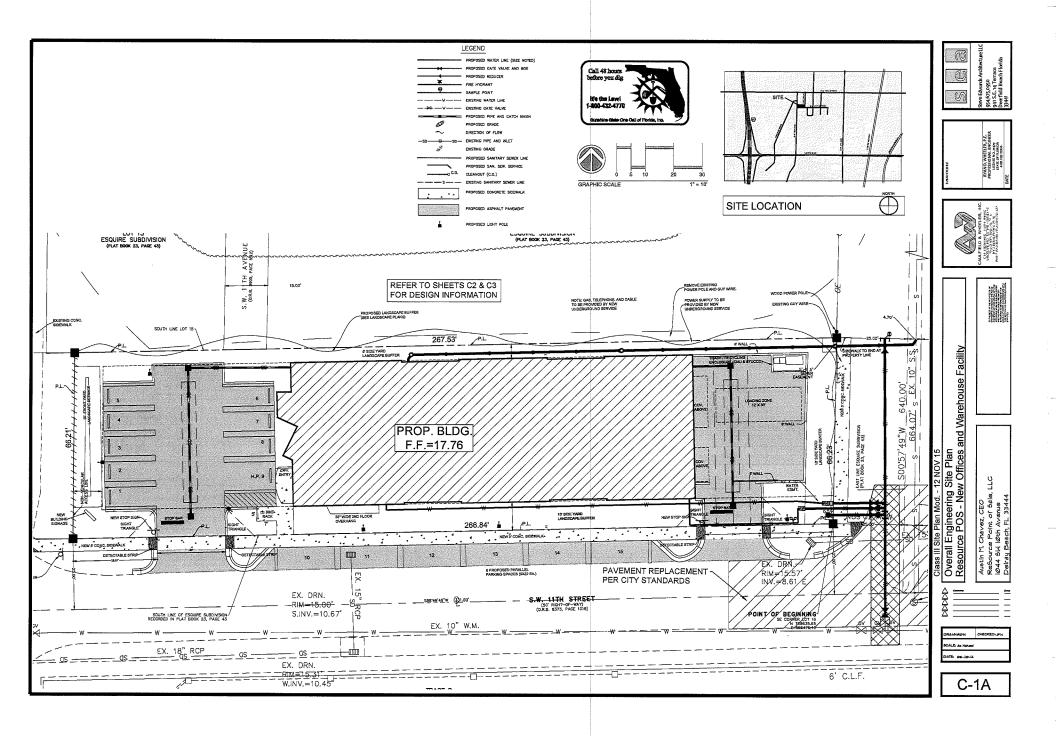


and Warehouse Facility

IRRIGATION PLAN DETAILS Resourse POS - New Offices EC Chavez, CEO
Point of Sale, L
10th Avenue







DEFINITIONS

1. CITY - CITY OF DELRAY BEACH

- 2. CONTRACTOR LITHITY CONTRACTOR AND ALL HIGHTY SUBCONTRACTORS
- 3. ENGINEER ENGINEER RESPONSIBLE FOR INSPECTION AND CORRECTION

PROCEDURE

- A PRE-CONSTRUCTION MEETING IS TO BE HELD PRIOR TO DELIVERY OF MATERIALS AND INTRAION OF ANY WATER AND SEMER CONSTRUCTION. THE MEETING SHALL BE ATTENDED IN THE CITY, CONTRACTOR, SUBCONTRACTORS, ENGINEER AND OTHER INTERESTED PARTIES.
- ANY REVISIONS TO THE APPROVED PLANS MUST BE APPROVED BY THE CITY PRIOR TO THE PRE-CONSTRUCTION MEETING.
- A MINIMUM OF THREE (3) COPIES OF THE CURRENT APPROVED PRODUCT LIST AND ALL NECESSART SHOP DRAWNOS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO SCHEDUING THE SPECIAL PLANT ALL PIEM AMANTACTURESS SHALL SUBMIT THREE (3) COPIES OF AN APPEAUNT THAT THE PIEM AND COATINGS WERE MANUFACTURED IN ACCORDANCE WITH AWAYO (31) (2.6.15-91).
- ALL APPLICABLE PERMITS MUST BE OBTAINED WITH COPIES PROVIDED TO THE CITY PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN A CURRENT APPROVED SET OF CONSTRUCTION DOCUMENTS ON SITE AT ALL TIMES.
- ALL MATERIALS SUPPLIED SHALL CONFORM TO PRODUCT LIST AND SHOP DRAWINGS AS APPROVED BY THE CITY PRIOR TO CONSTRUCTION. ALL REQUESTS FOR MATERIAL SUBSTITUTION SHALL BE APPROVED PRIOR TO DELIVERY OF THESE MATERIALS TO THE JOB
- SITE.

 THE LOCATION OF THE EXISTING UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. AN ADDITION, THE CONTRACTOR SHALE BE RESPONSIBLE TO VERFY IF OTHER UTILITIES (NOT SHOWN ON THE PLAN) EXIST WHICH THE AREA OF CONSTRUCTION. SHOULD THERE EVEL UTILITY CONTROLS THE CONTRACTOR SHALL INFORM THE CITY AND LOCATIONS. THE CONTRACTOR SHALL INFORM THE CITY AND LOCATION SHALL INFORM THE CITY AND LOCATIONS AND LOCATIONS AND THE CONTRACTOR SHALL INFORM THE CONTRACTOR SHALL INFORM THE CITY AND THE CONTRACTOR SHALL INFORM THE CITY AND THE CONTRACTOR SHALL INFORM SHALL INFORM THE CITY AND THE CONTRACTOR SHALL INFORM SHALL INFORM THE CITY AND THE CONTRACTOR SHALL INFORM SHALL INFORM THE CONTRACTOR SHALL INFORM SHALL INFORM THE CITY AND THE CONTRACTOR SHALL INFORM SHALL INFORM THE CONTRACTOR SHALL INFORM THE CITY ADMITS AND THE CONTRACTOR SHALL INFORM THE CITY AND THE PROPERTY THE CITY AND THE CONTRACTOR SHALL INFORM THE CITY AND THE CONTRACTOR SHALL INFORM THE CITY AND THE CONTRACTOR SHALL INFORM THE CONTRACTOR SHALL INFORM THE CITY AND THE CONTRACTOR SHALL INFORM THE CITY AND THE CONTRACTOR SHALL INFORM THE CITY AND THE CONTRACTOR THE CITY AND THE CITY
- UNIDITY ADJUSTMENTS AS RECORDA.

 HE CONTRACTOR SMALL BE RESPONSIBLE AT ALL TIMES THROUGHOUT THE OURATION OF CONSTRUCTION FOR THE PROTECTION OF ENSITING AMO NEWLY MISTALLED UTILITES FROM DAMAGE OR DISSUPCTION OF SEPRICE. THE CONTRACTOR SMALL BE RESPONSIBLE FOR TAKING SUCH MEASURES AS RECESSARY TO PROTECT THE HEALTH, SAFETY, AND WELFARE OF THOSE PERSONS HAND ACCESS TO THE WORK SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING LOCATIONS OF ALL OTHER
- THE CONTRACTOR SHALL SCHEDULE INSPECTIONS AND TESTS WITH THE CITY A MINIMUM OF 24 HOURS IN ADVANCE.
- CONTRACTOR SHALL NOT DISTURB EXISTING CITY MAINS OR STRUCTURES WITHOUT THE PRESENCE OF A CITY INSPECTOR. CITY UTILITY SYSTEM VALVES AND APPURTENANCES MAY ONLY BE OPERATED BY CITY PERSONNEL.
- . FACILITIES PROPOSED HEREIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS, DEVIATIONS FROM THE APPROVED PLANS MUST BE APPROVED IN ADVANCE BY THE CITY.
- S. UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF THE WORK, A FINAL INSPECTION SHALL VERIFY PROPER ADHERENCE TO ALL FACETS OF THE PLANS AND SPECIFICATIONS.
- 4. PAVING, DRAINAGE AND TRAFFIC CONSTRUCTION SHALL CONFORM TO FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND DESIGN STANDARDS, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, MAMALA, ON WINFORM TRAFFIC CONTROL DEVICES (MUTICD) AND BROWARD COUNTY TYPICAL (LATEST REVISION) UNLESS SHOWN OTHERMSE.
- AS-BUILT DRAWINGS SHALL BE PREPARED BY A REGISTERED LAND SURVEYOR, REGISTERED IN THE STATE OF FLORIDA, AND SUBMITTED BY THE CONTRACTOR TO
- PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553-851 FOR PROTECTION OF UNDERGROUND GAS PIPE LINES.
- CONTRACTOR SHALL NOTIFY SUNSHINE STATE ONE (1-800-432-4770) 48 HOURS IN ADVANCE OF CONSTRUCTION.
- GRADES SHOWN ON PLANS ARE FINISHED GRADES. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST EXISTING SANITARY SEWER MANHOLE TOPS AND VALVE BOX COVERS TO PINISHED GRADE.
- CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES DURING CONSTRUCTION AND SHALL BE REQUIRED TO PROVIDE ALL BARRICADES, LIGHTING, SIGNAGE AND FLAGMEN AS NECESSARY TO PROVIDE FOR THE SAFETY OF THE PUBLIC IN THE WORK AREA. THE CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC MAINTENANCE PLAN PRIOR TO CONSTRUCTION.
- EXISTING BASE MATERIAL THAT IS REMOVED DURING CONSTRUCTION SHALL NOT BE USED IN THE CONSTRUCTION OF NEW LIMEROCK BASE.
- ALL VEGETATION, DEBRIS, CONCRETE OR OTHER UNSUITABLE MATERIAL SHALL BE LEGALLY DISPOSED OF OFF-SITE IN AN AREA AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES, SUCH AS TURBIDITY SCREENS, CURTAINS AND FLOATING SILT BARRIERS WHERE NECESSARY IN ORDER TO COMPLY WITH ALL STATE AND LOCAL WATER QUALITY STANDARDS. ALL REINFORCED CONCRETE STORM SEWER PIPE SHALL BE CLASS III. UNLESS

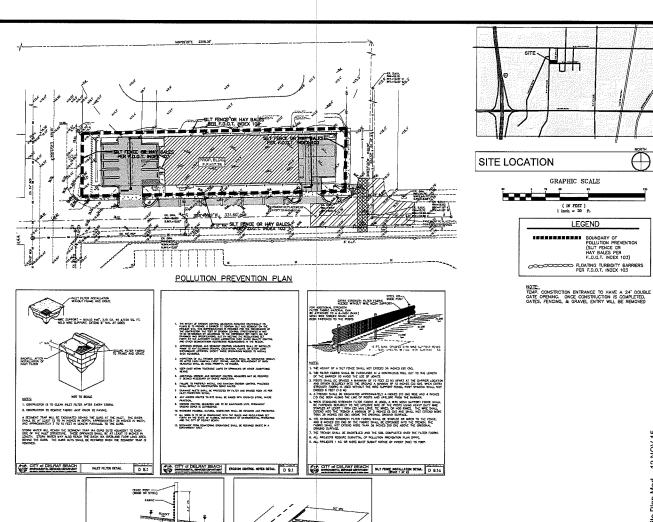
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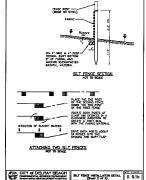
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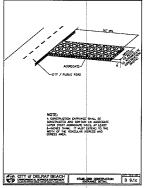
 ALL PAVED SURFACES SHALL BE PROPERLY MARKED PRIOR TO HOURS OF DARKNESS.

 PERMANENT PAVEMENT MARKING STALLS SHALL BE LAID OUT USING MARKING CHALK.

 LAYOUT TO BE REVIEWED BY THE CITY PRIOR TO PLACEMENT OF FINAL MARKING.
- ENTODING BE REVISIONED IN THE OFF THRONE OF PROCEEDING THROUGH MAKING, EMBANKWENT (FILL) AND EXCESS MATERIAL REQUIRED FOR ROADWAY RECONSTRUCTION AND UTILITY INSTALLATIONS SHALL BE SUPPLED AND/OR DISPOSED OF BY THE CONTRACTOR. ALL COSTS ASSOCIATE WITH EARTHWOOK REQUIREMENTS TO COMPLETE THE ROADWAY RECONSTRUCTION AND UTILITY IMPROVEMENTS SHALL BE
- COMPLIE HE KNOWN'S RECONSTRUCTION AND UTILITY IMPROVEMENTS SHALL BE
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 SCHEDULED FOR OFF PEAK HOURS WITH THE CITY DETERMINATION OF SERVICE
 BREAK REQUIREMENT WILL BE MADE SET THE CITY.
- 7. SITE INFORMATION BASED ON A SURVEY PREPARED BY: CAULFIELD & WHEELER, INC.
- 28. RELOCATION OF UTILITY POLES AND GAS PIPE UNES SHALL BE COORDINATED BY THE CONTRACTOR WITH FLORIDA POWER AND LIGHT, AND FLORIDA PUBLIC UTILITES, RESPECTIVELY. EACH UTILITY HAS BEEN NOTHED THAT THEY WILL BE REQUIRED TO RELOCATE THEIR UTILITIES.







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Facility

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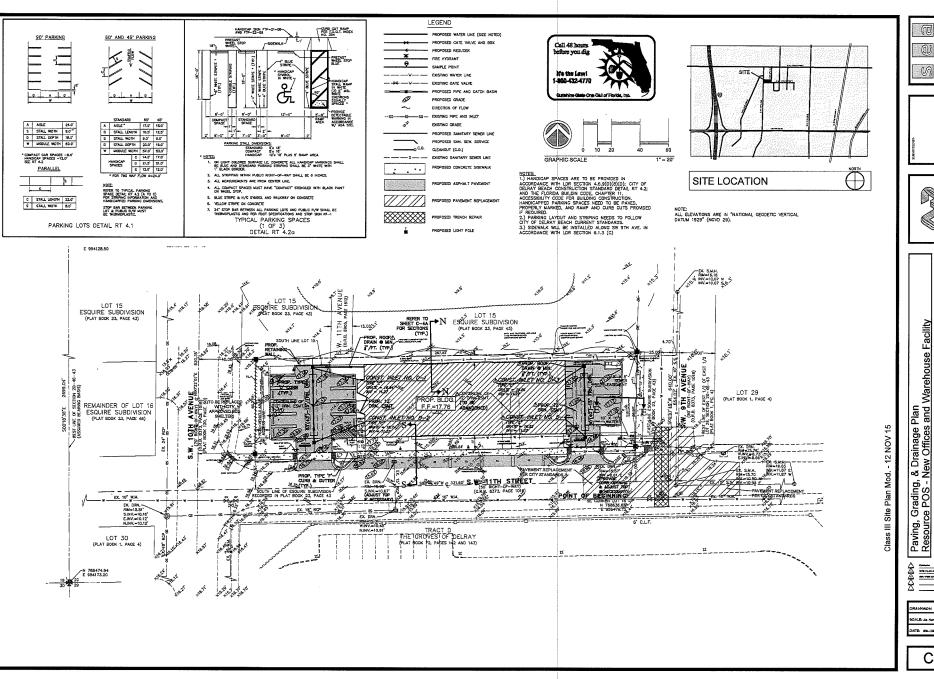
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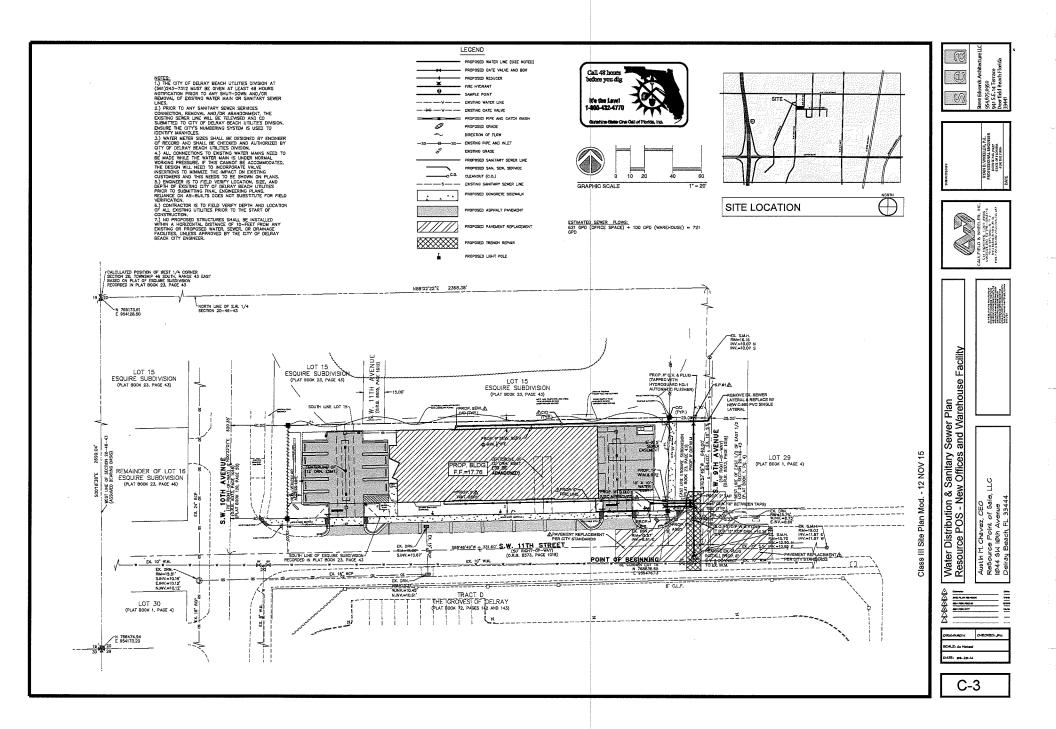






i. Chavez, CEO se Point of Sale, L I loth Avenue Beach, FL 33444

CALE: As Noted DATE: #6-7#-14



GENERAL NOTES PAVING, GRADING & DRAINAGE

- ALL DIMENSIONS SHOWN ON THESE DRAWINGS ARE SCALED DISTANCES. THE CONTRACTOR SHALL CONFRIM ALL MEASUREMENTS IN THE FIELD AND NOTIFY THE REGINEER IN WRITING OF ANY DISCREPANCY PRIOR TO PERFORMING THE WORK. ALL QUANTITIES SHALL BE FAILD ON THE BASS OF FIELD MEASUREMENTS OF COMPLETED
- 2. REINFORCED CONCRETE PIPE (R.C.P.) SHALL BE IN ACCORDANCE WITH F.D.O.T. STANDARDS SPECIFICATIONS SEC. 941. CORRUGATED ALUMINUM PIPE (C.A.P.) SHALL BE IN ACCORDANCE WITH F.D.O.T. STANDARDS
- (C.A.F.) SHALL BE IN ACCORDANCE WITH F.D.D.T. STANDARDS SPECIFICATIONS SEC. 943.

 3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE SUCH EXAMINATION OF THE SITE OF THE WORK, AND OF ANY MATERIAL SOURCES INDICATED IN THE PLANS, AS MAY BE RECESSARY TO INFORM HAMSEL OF THE CONDITIONS UNDER WHICH WORK IS TO SET
- PERFORMED.

 PROPOSED GRADES SHOWN IN PAVED AREAS REFER TO FINISH PAVEMENT GRADES.

- 4. PROPOSED GRADES SHOWN IN FAXED AREAS REFER TO FINISH PAYMENT.

 PAYMENT HARRING AND GEORETICS SHALL BE IN ACCORDANCE WITH

 PAYMENT HARRING AND GEORETICS CONTROL DEVICES FOR STREETS AND

 HIGHWAYS AND PAIM READLY OUTLITY FITTED. AND THE MANUAL ON UNFORM THE PAYMENT AND

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 AND DESTINES HOWN HEREON SHALL BE INCLUDED IN THE BID

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 AND STRIPPED OF THE PAYMEN HARRING OF THE FAMILY OF THE

 ANY DESTING ROADING HITCH THAT IS DAMAGED BY THE

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 THE SALL SPRACTION OF THE ENDINEER, AND DEALERSE EXERTITY

 THE PAYMEN HARRING HARRING HARRING OF THE SEASEMENT

 AND ANY MUKE PROPINCE AND DEALERSE RESERVED THE AND THE SALL BE ALLOWED.

 ANY MUKE PROPICETS OR QUADED ENCOUNTERED SHALL BE BEAUGUED WITH BUT BY ALL BE BLOWED.

- WITHIN THE ROSH OF- WAY AND UTILITIES AND DRAINING EASEMENT SHALL BE COMPETER SHOUGH. NO MARRIALS OF FLOAT, CLASS A-5.

 10. ANY MUCK POCKETS OR CUMBO ENCOUNTERED SHALL BE REMOVED WHIN THE ROADWAY TO 1.0° BELOW SUBGRADE AND TO OUTSIED EDGE OF BOTH SHOULDES.

 11. ALONG HEAVILY OF THE SHAMAGE WORK TO BE CONSTRUCTED IN FULL CACORDINATE WITH PALM BEACH COUNTY STANDARDS AND SPECIFICATIONS.

 12. THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERSCRUCK INSTALLATIONS OF EVERY KIND THAT MILL BE BENEATH UNDERSCRUCK INSTALLATION OF SUBGRADE.

 13. CONTRACTOR SHALL SUBMIT SHOP DRAWNOS TO ENGNEER AND COUNTY ON ALL PIECE PIECE TO THE COMPACTION OF SUBGRADE.

 14. TO SHALL SUBMIT SHOP DRAWNOS TO ENGNEER AND COUNTY ON ALL PIECE PIECE TO SHALL SUBMIT SHOP DRAWNOS TO ENGNEER AND COUNTY ON ALL PIECE PIECE TO SHOP PIECE SHOP PIECE AND ALL SUBMIT SHOP DRAWNOS TO ENGNEER AND COUNTY ON ALL PIECE PIECE TO SHOP PIECE S

- CLEARING AND CONTROL OF THE COMPLETE REMOVAL AND DISPOSAL OF ALL BULDINGS, TUBBER, BRUSH, STUMPS, RODGS, RUBBESH, AND DEBISS AND ALL DIHER DISPOSAL DEFINITIONS, THE STRUCTURES AND DESIRES AND ALL DIHER DISPOSAL DE NEW AND THE SURFACE OF THE EXISTING GROUND AND THE SURFACE DE DISCAVATED ALL DIHER STRUCTURES AND DESIRECTIONS OF CONTROL OF THE SURFACE OF THE EXISTING GROUND AND THE SURFACE OF CONTROL OF THE SURFACE OF THE SUR

SUBGRADE:

- SUBGRADE:

 3. UTILIZATION OF MATERIAL IN SUBGRADE CONSTRUCTION SHALL BE IN ACCORDANCE WITH PLAN DETAILS OR AS DIRECTED BY THE ENGINEER.

 4. A PROCTOR ITST SHALL BE EPRFORMED ON THE PROPOSED SUBGRADE MATERIAL TO DETERMINE THE OPTIMUM MOSTURE CONTENT AND MADMUM DOISTY OF THE MATERIAL. IN-PLANCE DOISTY TESTS OF MATERIAL TO DETERMINE THE OPTIMUM MOSTURE CONTENT AND MADMUM DOISTY OF THE MATERIAL IN-PLANCE DISTRIPT TESTS OF THE MADMUM DETERMINE THE OPTIMUM MOSTURE CONTENT AND THE MADMUM TESTS OF EVERY 7.000 SOUT. OF PORPOSED PAYMENT AREA TO DETERMINE COMPLANCE WITH THE DESIGN SPECIFICATIONS OF 1003 OF MAX. DENSITY PER ASSIST THE TESTS ON METHODS.

 25. STABILIZED SUBGRADE SHALL HAVE A MINIMUM LANGOON ERRING RATO (LBR) CONTENT AND CROSS-SECTIONS SHOWN ON THE PLANS. ALL ROTS. STIMPS, OR OBJECTIONABLE MATERIAL PRESENT ON, LUNGER, OR PROTEUDING THE SUBGRADE THE PRIVACE SHALL BE COMPLETELY REMOVED FROM THE SUBGRADE THE PRIVACE SHALL BE COMPLETELY REMOVED FROM THE SUBGRADE THE PRIVACE SHALL BE COMPLETELY REMOVED FROM THE SUBGRADE THE PRIVACE SHALL BE COMPLETELY REMOVED FROM THE SUBGRADE HAS BEEN CONSTRUCTED TO THE PROPER LINES, CROSS-SECTIONS, AND ELEVATIONS WHITHIN ALL ALLOWABLE TOLERANCE OF 1/2" OF THE PROPOSED PHINSH SUBGRADE ELEVATIONS.

BASE:

- 25. LIMEROCK COMPOSITION THE FOLLOWING TESTS ARE REQUIRED ON
- LIMEROCK COMPOSITION THE FOLLOWING TESTS ARE REQUIRED ON THE LIMEROCK MATERIAL! THEST TO DETERMINE HAT MATERIAL HAS A CHEMICAL COMPOSITION OF SIDE.

 A. CHEMICAL COMPOSITION OF SIDES OF SIDE.

 B. LIMEROCK BERNING RATO TEST TO DETERMINE THAT MATERIAL CAN ACHEVE AN LIBB OF 100.

 CENCE ANALYSIS TO INSIDE THAT AT LEAST 97% (BY WEIGHT) CONCESSED ANALYSIS TO INSIDE THAT THE LEAST 97% (BY WEIGHT) AND SIDES OF THE SIDES OF T

BASE: (CONTINUED)

- BASE: (CONTINUED)

 ON THE ROAD,

 26. A PROCTOR TEST SHALL BE PERFORMED ON THE PROPOSED LIMBROOK
 MATERIAL TO DETERMINE THE MAXIMUM DENSITY OF THE MATERIAL
 IN-PLACE OBSITY TESTS SHALL BE TAKEN AT A PREQUENCY OF AT TO
 DETERMINE COMPLIANCE WITH THE DESIGN PROCHECATIONS OF 98K OF
 ANA, DENSITY PER ASSISTO T-180 TESTING METHODS.

 27. THE COMPLETE BASES SHALL CONFIDENT OF BLEDGE AGASES AND
 SHALL BE STINNGLINED OR OFFICE OF THE LINES, GRADES AND
 CONFORMING WITH THE PLAN GRADES WITHIN AN ALLOWING WITH
 TO EPRANCE OF 1/A* OF THE PROPOSED BASE ELEVATIONS.
 PER SOURCE YASTO. BATTLED AT A RATE OF 0.25 GALLONS
 ASPHALTIC CONCRETE SURFACE COURSE:

 8 TACK COAT

 8 TAKES CO

- ASPHALTIC CONDRELE SUIFARE UUURSE:

 8. TACK COAT

 A PRIOR OF INSTALLATION OF THE OWERAY, THE SUIFARE OF THE
 PRIOR OF INSTALLATION OF THE OWERAY, THE SUIFARE OF THE
 PRIOR OSPHALT SHALL BE BROOKED TO RESIDE ALL LOOSE
 MATERIAL, WHICH MICH INTERFERS WITH THE ADHESION OF THE
 EXISTING ASPHALT AND OVERLAY.

 B. A TACK COAT SHALL BE APPLIED TO THE TOP OF THE CLEAN
 THE PRESENCE OF THE ENGINEER'S ERPRESINTATION.

 THE PRESENCE OF THE ENGINEER'S ERPRESINTATION.

 CONSTRUCT SHALL BE ABBURD AT A BERT OF O 25 GALLONS

- ASPHALT SURFACE AT A RATE OF 0.10 GALLONS/SCEPT. IN THE PRESENCE OF THE ROBINERY'S REPRESENTATIVE.

 25. PRIME COAT SHALL BE APPLIED AT A RATE OF 0.25 GALLONS
 CONFORM TO THE REQUIREMENTS AND SPECIOLATIONS OF SECTION 300-1 THROUGH 300-7 OF F.O.O.T. STANDARDS SPECIFICATIONS.

 30. ASPHALTO CONNERTS SHALL CONFORM TO LIGHDAD 0.0.T. REQUIREMENT OF THE RESUMENT WAS SHALL BE SUBJUTED BY THE ASPHALTON FINANCIAL BE SUBJUTED BY THE ASPHALTON FINANCIAL BE SUBJUTED BY THE ASPHALTON FINANCIAL BE SUBJUTED BY THE ASPHALT OF THE EXHIBITED WAS SHALL BE SUBJUTED BY THE ASPHALT PLANT TO THE EXHIBITED WAS SHALL BE SUBJUTED BY THE ASPHALT PLANT TO THE EXHIBITED WAS SHALL BE ASPHALT SHALL BE AT LEAST 220 DEGREES.

 31. THE THOUGHS SOF THE ASPHALT SHALL BE AT LEAST 220 DEGREES AS THE THOUGHS OF THE ASPHALT SHALL BE CHECKED WITH A YEAR OF THE ASPHALT SHALL BE CHECKED WITH A STRAOTT EDGE TO INSIDE THAT THE LINE, CARDE, AND CROSS-SCIONLO OF THE THROUGH SOCIOLAR BY GOVERNMENT OF THE ASPHALT SHALL BE CHECKED WITH A STRAOTT EDGE TO INSIDE THAT THE LINE, CARDE, AND CROSS-SCIONLO OF THE THROUGH SHALL BE CORRECTED TO THE EXPRACE SHALL HAVE NO FULLED, TORN, OR LOSSEND PORTIONS AND SHALL BE FREE OF ASPEAD OF THE SUBFACE WAS THE THE PROCESSOR ASPEAD OF SUBFACE SHALL HAVE NO FULLED, TORN, OR LOSSEND PORTIONS AND SHALL BE FREE OF ASPEAD OF THE SUBFACE WAS THE OFFICE OF THE SUBFACE WAS THE THE PROCESSOR ASSOCIATION. DESIRED PARTEMENT VILLY PIPMS OR WAS THE SECOND OF SUBFACE SHALL HE CORRECTED TO THE ENDINER'S STATES AND SHALL BE CORRECTED TO THE SUBFACE WAS THE STAND OF SUBFACE SHALL HE CORRECTED TO THE SUBFACE WAS THE STAND OF SUBFACE SHALL BE CORRECTED TO THE SUBFACE WAS THE SUBFACE WAS THE STAND THE SAND BRACKTILLY PIPMS OR WAS THE SECOND OF SUBFACE SHALL BE CORRECTED TO THE SUBFACE WAS THE STAND SHALL BE SEED THAN THE WAS THE SAND BRACKTILLY PIPMS OR WAS THE SET THAN FOR OWN OF THE SUBFACE WAS THE SAND BRACKTILLY PIPMS OR WAS THE SET THAN FOR OWN OF THE SUBFACE WAS THE SAND BRACKTILLY PIPMS OR WAS THE SET THAN FOR OWN OF THE SAND THE SAND BRACKTIL
- 35. ALL PERMANENT CONTROL POINTS AND/OR REFERENCE MARKERS SHOWN ON PLAT SHALL BE RAISED TO FINAL GRADE IF LOCATED IN PAVEMENT OR CONCRETE. THESE POINTS AND REFERENCE MARKERS SHALL BE LOCATED AND NOTED ON THE PLAT.

NOTIFICATION, TESTING

- NOTIFICATION, TESTING

 36, NOTIFICATION THE CONTRACTOR SHALL NOTIFY THE ENGINEER, THE COUNTY AND UTILITIES 48 HOURS FROR TO SOCIEDUING FIELD GESERVATIONS AND SHALL SUPPLY ALL COUPMENT NECESSARY OF TOEST THE COMPLETE WORK.

 37. ALL LUNCLE PRIOR TO ANY EXCANATION.

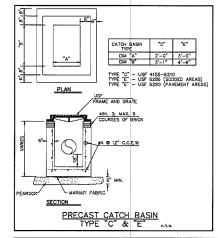
 38. LUNCLE PRIOR TO ANY EXCANATION.

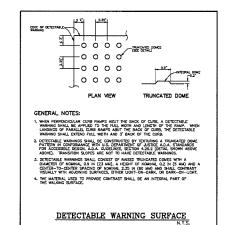
 39. CONTRACT OF THE PRIOR FROM THE INVEST OF STATE OF THE DIAMETER OF THE PRIOR FROM THE INVESTIGATION OF THE FIRM FROM THE INVESTIGATION OF THE FIRM OF THE PRIOR FROM THE INVESTIGATION OF THE FIRM OF THE PRIOR FROM THE INVESTIGATION OF THE FIRM OF THE PRIOR FROM THE INVESTIGATION OF THE PRIOR THE INVESTIGATION OF THE PRIOR THE INVESTIGATION OF THE INVEST

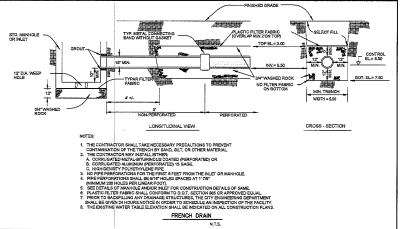
SODDING:

- SODDING:

 39, WORK CONSISTS OF THE ESTABLISHING OF A STAND OF GRASS WITHIN THE AREAS CALLED FOR BY THE PERINGHING AND PLACING OF GRASS SOD AND FERTILIZING, WATERING, AND MAINTAINEN SODDED AREAS SOD AND FERTILIZING, WATERING, AND MAINTAINEN SODDED AREAS SOLD AND FERTILIZING WATERING, AND MAINTAINEN SOURCE AREAS OF A STAND AREAS OF A STANDARD AREAS OF A STANDARD













uls Warehouse F

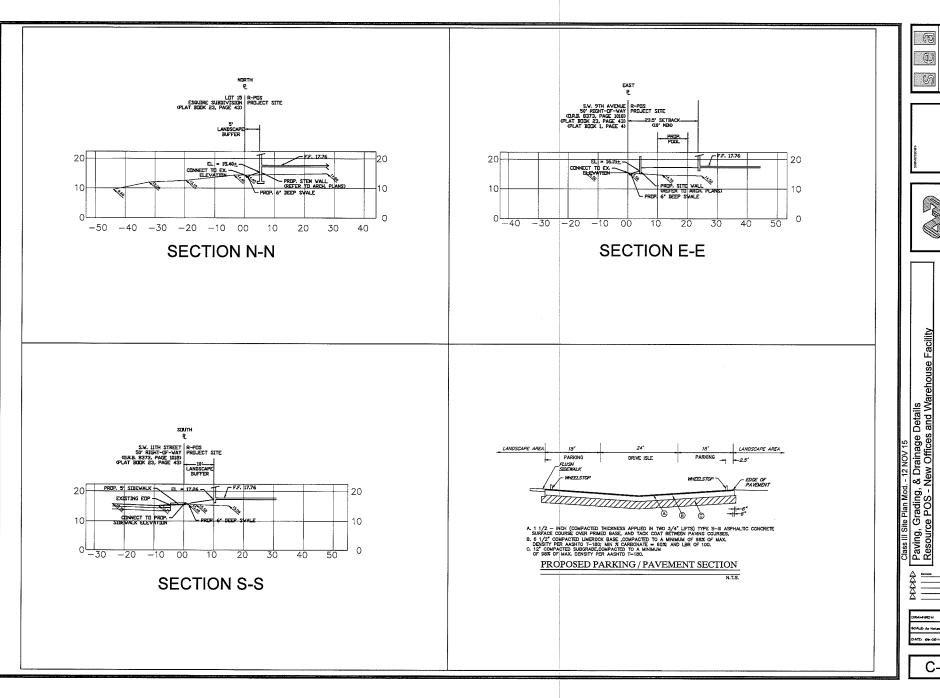
Detail

& Drainage L New Offices

Lin M. Chavez, CEO cource Point of Sale, L 4 SW loth Avenue ay Beach, FL 33444

Class III Site Plan Mod. Paving, Grading, & Resource POS - N

HIL GEOGED! TH SCALE: As Notes

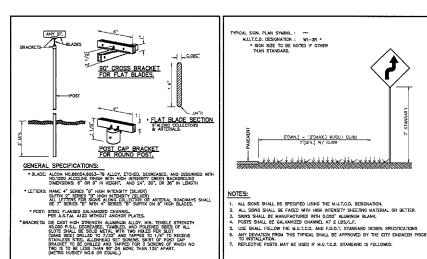


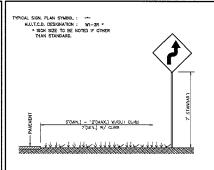






C-4A





RT 2.1b

-WEARING SURFACE

2" 12"

CURB AND GUTTER SECTIONS

RT 6.1

BASE/

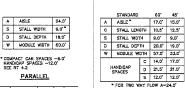
90° PARKING

C STALL LENGTH 22.0'

S STALL WIDTH 8.0'

CITY of DELRAY BEACH

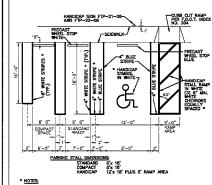
CITY of DELRAY BEACH





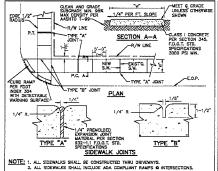
RT 4.1

60" AND 45" PARKING



- ON LIGHT COLORED SURFACE I.E. CONCRETE ALL HANDICAP MARKINGS SHALL BE BILLE AND STANDARD PARKING STRIPING SHALL BE 3" WHITE WITH 1" BLACK BORDER.
- 2. ALL STRIPPING WITHIN PUBLIC RIGHT-OF-WAY SHALL BE 8 INCHES. 3. ALL MEASUREMENTS ARE FROM CENTER LINE.
- ALL COMPACT SPACES MUST HAVE "COMPACT" STENCILED WITH BLACK PAINT ON WHEEL STOP.
- 5. BLUE STRIPE & H/C SYMBOL AND WALKWAY ON CONCRETE
- 6, 24" STOP BAR BETWEEN ALL PARKING LOTS AND PUBLIC R/W SHALL BE THERMOPLASTIC AND PER FDOT SPECIFICATIONS AND STOP SIGN RI-1

CITY of DELRAY BEACH TYPICAL PARKING SPACES RT 4.2a



STREET SIGN DETAIL

RT 2.1a

CITY of DELRAY BEACH ENFORMENTAL SERVICES DEPARTMENT

CITY of DELRAY BEACH

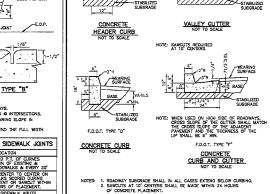
- 2. ALL SIDEWALKS SHALL INCLUDE CROSS SLOPE AND RUNNING SLOPE IN ACCORDANCE WITH ADA REQUIREMENTS.
- 4. CURS RAMP DETECTALE WARNING SURFACE SHALL EXTEND THE FULL WIDTH OF THE RAMP, AND 74" DEEP

	APP.						
TABLE OF SIDEWALK THICKNESS — "T"		TAB	LE OF SIDEWALK JOINTS				
RESIDENTIAL AREAS	4"	TYPE	LOCATION				
AT DRIVEWAYS & OTHER AREAS	5°.9 6€.02.	-A-	P.C. AND P.T. OF CURVES JUNCTION OF EXISTING & NEW SIDEWALKS & EVERY 30"				
TABLE OF SIDEWALK WIDTHS — "W"		re-	5'-0" CENTER TO CENTER ON SIDEWALKS SCORED DURING				
SINCLE-FAMILY AREAS	5*	l .B.	PLACEMENT OR SAWCUT WITHIN 24 HOURS OF PLACEMENT.				
MULTI-FAMILY AREAS	5'		WHERE SIDEWALK ABUTS				
OTHER AREAS AS SPECIFIED BY THE CITY ENGINEER.	1E	-x-	CONCRETE CURBS, DRIVEWAYS, AND SINILAR STRUCTURES.				



RT 5.1

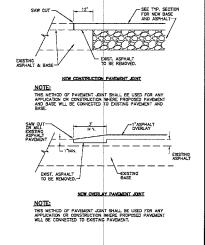
SIDEWALK CONSTRUCTION



CITY of DELRAY BEACH

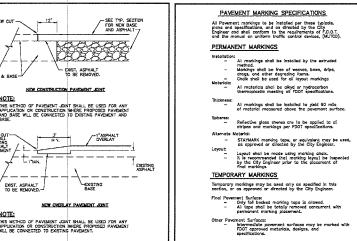
CN PAVEMENT SIDE

-WEARING SURFACE



PAVENENT JOINT

RT 71



CITY Of DELRAY BEACH PAYEMENT MARKING SPECIFICATIONS DE DIMONASTAL SERVICES COPAYEMENT (SHEET 1 OF 2) RT 8.1a RYAND, WHEELER, P.E.
PROFESSIONAL ENGINEER
LICINST NO. 2472
STRIL OF HOUSE
4001 FIRE FRANK.

(II)

(M)





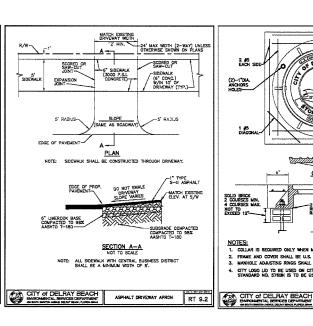


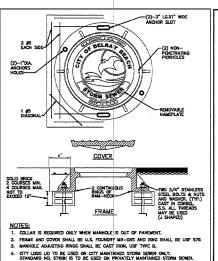
Ľ z, CEO of Sale, I venue L 33444

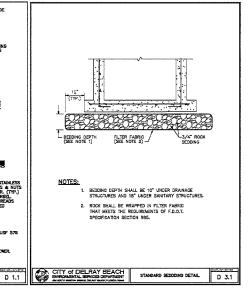
8. Drainage C New Offices

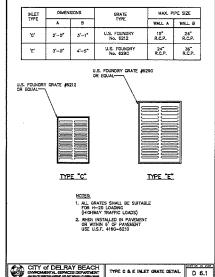


ALE: An Noted









TYPE C & E INLET GRATE DETAIL

D 6.1

ALL PAVEMENT MARKINGS

RAISED PAVEMENT MARKERS

OTHER NOTES

CITY of DELRAY BEACH

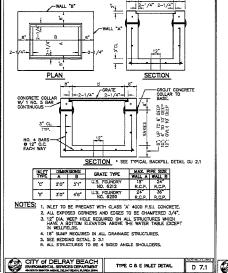
R.P.M.s shall be installed on all lane lines and conterlines, spaced at 20° or 40°. R.P.M.s shall be a 4 x 4 type class "B" marker meeting F.D.C.T. specifications and shall be approved by the City Engineer prior to use.

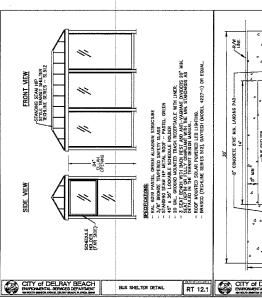
All Materials within right-of-way shall be thermoplastic and per F.D.O.T. specifications.

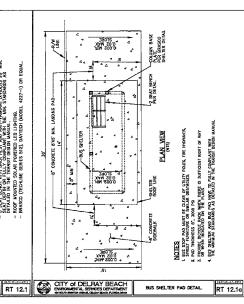
Povement marking within private parking lats may be painted according to F.D.O.T. specifications, except for all stop bars adjacent to public rifgt-of-way.

AVENENT MARKING SPECIFICA (SHEET 2 OF 2)

RT 8.1b























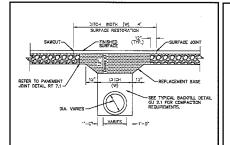


Austin M. Chavez, CEO Resource Point of Sale, LLC 1044 SW 10th Avenue Deiray Beach, FL 33444

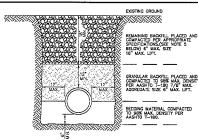
PHINDH CHECKED IN

Paving, (Resource

TE: 64-26-14



- REPLACEMENT BASE TO BE AT MIN. 12" THICK.
- 20. BASE MATERIAL SHALL BE PLACED IN TWO LIFTS AND EACH LIFT COMPACTED TO 98% MAXMUM DENSITY PER ASSHID YA-180 (MAX. LIFT THICKNESS = 6").
- ANY PAVT. CUTS SHALL BE COLD PATCHED AT END OF EACH WORK DAY TO FACILITATE UNHINDERED TRAFFIC FLOW. 26. 12" EXCAVATABLE FLOWABLE FILL MIN. 100 P.S.I. MAY BE USED IN LIEU OF 12" BASE.
- 3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.



NOTES:

- 2. THE PIPE A ENTIRE LEA HAUNCHES
- 3. THE PIPE
- 4. BACKFILL S
- 6. COMPACTION AND DENSITY TESTS SHALL BE COMPLETED DURING BACKFILL OPERATIONS, CONTRACTORS NOT FOLLOWING THIS PROCEDURE, FOR WHATEVER REASONS, SHALL BE REQUIRED TO RE-EXCAVATE THE AREA IN QUESTION, DOWN TO THE REDDING MATERIAL, THEN BACKFILL FOLLOWING THE ABOVE PROCEDURES.

	EXISTING GROUND
	REMAINING BACKFILL PLACED AND COMPACTED PER APPROPRIATE SPECIFICATIONS.(SEE NOTE 5 BELOW) 6" MAX. SIZE 18" MAX. LIFT.
17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	GRANULAR BACKFILL PLACED AND COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180 7/8" MAX. AGGREGATE SIZE 6" MAX. LIFT.
	BEDDING MATERIAL COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180.

- 1. UNSUITABLE LARGE ROC BACKFILL C -7/8° SIZE

- COMPACT BACKFILL TO 98% DENSITY UNDER PAVEMENT AND TO 95% DENSITY ELSEWHERE (AASHTO T-180)

	PRESSURE PIPE NOTES: MINIMUM LENGTH RE			PIF NEC		(FT)	TC	В	E
REMAINING BACKFILL PLACED AND COMPACTED PER APPROPRIATE	THERE SHALL BE 30" MINIMUM COVER FROM PINISHED GRADE TO TOP OF PIPE. FOR PIPE 32E 10" AND LARGER THERE SHALL BE 38" MINIMUM COVER. FITTING TYPE								
SPECIFICATIONS (SEE NOTE 5	2.6. DUCILLE IRON PIPE (DIP) FOR FORCE MAINS SHALL BE CLASS 350 EPOXY LINED IN ACCORDANCE WITH AWWA CSSO.		6"	_	10"			20"	
CONTROL 18" MAX. LIFT.	2.b. DUCTILE IRON PIPE (DIP) FOR WATER MAINS SHALL BE CLASS 350 IN ACCORDANCE 90" HORIZ. BEND	14	20	25	30	35		54	62
30#0#0410#0#0#0#0#0	WITH AWAY C151 (ANSI A21.51), AND SHALL HAVE AN INTERNAL LINING OF CEMENT 45 HURIZ, BEND	8	8	11	13	15	19	22	25
S0.33569 45.8556 4556 8	NORTAR IN ACCORDANCE WITH AWWA C104/ A21.4. 22.5' HORIZ, BEND	3	4	5	6	7	9	11	12
GRANULAR BACKFILL PLACED AND	3. C-900 PVC PRESSURE PIPE MAY BE USED IN LIEU OF DIP WATER MAIN 11.25' HORZ. BEND	1	2	3	3	4	4	5	5
COMPACTED TO 98% MAX. DENSITY 12" PER AASHTO T-180 7/8" MAX.	90' VERT. UPPER SEND				125			228	
MAX. AGGREGATE SIZE 6 MAX. LIFT.	JOINTS AND EPOLY LINING		38	49	59	69			123
	5 WATER MAIN AND SCHACE CODES MAIN VALUES AS INCHES AND CHALSE CHALLES		32	42	51	60			109
	RESILIENT WEDGE GATE VALVES IN ACCORDANCE WITH AWWA C509. WATER MAIN		14	19	23				s
BEDDING MATERIAL COMPACTED	VALVES LARGER THAN 12 INCHES SHALL BE BUTTERFLY VALVES IN ACCORDANCE WITH AWWA C504, SEWAGE FORCE MAIN VALVES LARGER THAN 12 INCHES SHALL 22.5' VERT. UPPER BEND	7	12	17	21	26	34	42	49
TO 98% MAX. DENSITY PER	BE RESILIENT WEDGE CATE VALVES IN ACCORDANCE WITH AWWA CS15 UPFSET LOWER BEND	2	4	9	8	10		17	Ñ
	6. ALL TRENCHING, PIPE—LAYING, BACKFILL PRESSURE TESTING, AND 11.25' VERT. UPPER BEND	3	4	6	9	11	15	19	22
	DISINFECTION MUST COMPLY WITH CITY AND HEALTH DEPARTMENT STANDARDS. OFFSET LOWER BEND	1	1	1	2	3	5	7	80
6 2	7. WATER AND FORCE MAINS SHALL BE PIGGED, AS WELL AS, PRESSURE TESTED PLUG (DEAD END)	32	45	59	70	83	107	129	151
· -	WITH ANSI/AWWA COUD DATEST STANDARDS, ALLOWABLE LEARAGE SHALL BE	32	45	59	70	83	107	129	151
	DETERMINED AS FOLLOWS: 4°X0	23						\Box	
BLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND ROCKS SHALL BE REMOVED; BEDDING MATERIAL AND	L = (\$)(0)(\$\rightarrow\$)(0.50) (50)	21	35		\perp	-			_
L CONSISTING OF WASHED AND GRADED LIMEROCK 3/8"		18	3	47		لــــــــــــــــــــــــــــــــــــــ			
SIZING.	WHERE: 10"X0	16	32	46	58				
E AND/OR STRUCTURE SHALL BE FULLY SUPPORTED FOR ITS LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE	L = ALLOWABLE LEAKAGE (GALLONS PER HOUR) S = PIPE LENGTH (FEET) 12"X0 RESTRAINT) 12"X0	13	30	44	57	69			
ES.	D = NOMINAL DIAMETER OF PIPE (INCHES)	7	28	41	55	67	90		
E AND/OR STRUCTURE SHALL BE PLACED IN A DRY TRENCH.	P = AVERAGE TEST PRESSURE (PS) 20"X0	1	21	338	52			109	_
,	8. RESTRAINTS SHALL BE PROVIDED AT ALL FITTINGS AS SHOWN ON PP2.1		16	34	49	62	86	108	128
L SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS ROCK, MUCK, AND DEBRIS.	6°X0	23			\sqcup	ш	_	\Box	
C SACREST YO OUR DESIGNATION OF STREET, THE	9. PRIOR TO ANY TESTING UNDER FUTURE PAVEMENT, ROCK SHALL BE FINISHED & PRIMED OR 1ST LET OF ASPHALT PLACED. 87X0	35	25			لــــا			

- 10. PIG SIZE SHALL BE PIPE DIA. PLUS 2" OR NEXT LARGER DIA.
- NO PROPOSED STRUCTURES SHALL BE INSTALLED WITHIN A HORIZONTAL DISTANCE OF 10-FEET FROM ANY EXISTING OR PROPOSED WATER MAINS, OR FORCE MAINS.
- LINE STOPS SHALL BE INSTALLED A MINIMUM OF 3 PIPE LENGHTS FROM LOCATION OF PIPE REMOVED, OTHERWISE, PROVIDE NECESSARY JOINT RESTRAINTS.

CITTIN	G TYPE	4"	6"	5"	10"	12"	15"	20"	24
90° HORIZ, REND			20	25	30	35	45	54	6
45° HO	RIZ. BEND	8	8	11	13	15	19	22	2
22.5° H	ORIZ. BEND	3	4	5	6	7	9	11	12
11,25' 8	ORIZ. BEND	1	2	3	3	4	4	5	-
90" VERT.	UPPER BEND	55	79	103	125	147	189	228	25
OFFSET	LOWER BEND	22	38	49	59	69	68	108	12
45" VERT.	UPPER BEND	22	32	42	51	60	77	23	10
OFFSET	LOWER BEND	10	14	19	23	28	35	43	51
22.5' VERT.	UPPER BEND	7	12	17	21	26	34	42	4
OFFSET	LOWER BEND	2	4	6	8	10	14	17	2
11.25" VERT.	UPPER BEND	3	4	6	9	11	15	19	2
OFFSET	LOWER BEND	1	1	1	2	3	5	7	
PLUG (DEAD END)			45	59	70	83	107	129	1.5
INLINE VALVE		32	45	59	70	83	107	129	15
	4°X0	23							
	6"X0	21	35						
	8°X0	18	34	47					Г
(BRANCH	10°X0	16	32	46	58				Г
RESTRAINT	12"00	13	30	44	57	69			
	16°X0	7	28	41	55	67	90	_	_
	20 X0	1	21	328	52	65	88	109	
	24"X0	1	16	34	49	62	86	108	12
	6"X0	23							
[8°X0	35	25						
REDUCER	10"X0	57	43	24				Г	
(LARGER PIPE	12 " X0	72	60	44	41				
RESTRAINT)	16°X0	99	50	78	75	45			
	20°X0	123	116	107	105	81	45		
	24°X0	146	140	132	131	111	82	45	1

CITY of DELRAY BEACH PP 2.1a

CITY of DELRAY BEACH

CITY OF DELFAY BEACH

PAVEMENT REPAIR DETAIL

SURFACE MATERIAL SHALL BE F.D.O.T. TYPE S-I OR S-III ASPHALTIC CONC. (MIN. THICKNESS 1 1/2").

GU 1.1

CITY of DELRAY BEACH EMPONACHTAL SERVICES DEPARTMENT

GU 2.1

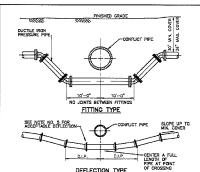
PRESSURE PIPE NOTES

CITY of DELRAY BEACH

PP 1.1

THE DATA IN THE PREVIOUS TABLE ARE BASED UPON THE FOLLOWING INSTALLATION CONDITIONS:

- 2. THE RESTRAINED PIPE LENGTHS APPLY TO DUCTILE IRON PIPE AND PVC PIPE,
- 3. ALL JOINTS BETWEEN UPPER AND LOWER BENDS SHALL BE RESTRAINED.
- RESTRAINED PIPE LENGTHS FOR VALVES APPLY TO PIPE ON BOTH SIDES OF VALVES THE PREMIOUS TABLE SHALL SERVCE AS A GENERAL DESIGN GUIDE ONLY. IT IS THE BNOINEER OF RECORD'S RESPONSIBILITY TO JUSTIEY AND DOCUMENT ANY DEWIATIONS FROM THE PIPE LENGTHS SPECIFIED IN THE PREMIOUS TABLE.
- 6. SOURCES: EBAA IRON RESTRAINT LENGTH CALCULATION PROGRAM FOR PVC PIPE. RELEASE 3.1 AND DIPRA THRUST RESTRAINT FOR DUCTILE IRON PIPE, RELEASE 3.2.
- 7. RESTRAIND JOINTS SHALL EXTEND ONE JOINT BEYOND MIN. LENGTH REQUIRED.

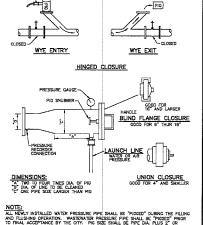


PP 2.1b

- DEFLECTION TYPE 1. THERE SHALL BE IN ALL CASES A MINIMUM OF 18" VERTICAL SEPARATION BETWEEN WATER MAINS AND FORCE MAINS.

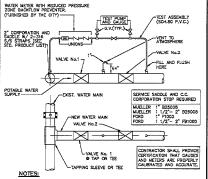
- 3. FITTINGS SHALL BE RESTRAINED WITH MECHANICAL JOINT RESTRAINTS.
 4. THE DEFLECTION TYPE CROSSING IS PREFERRED.
- DO NOT EXCEED 75% OF MANUFACTURERS RECOMMENDED MAXIMUM JOINT DEFLECTION.
- 6. REFER TO TYPICAL RESTRAINING DETAIL PP 2.1

CITY of DELRAY BEACH PP 3.1



NOTE:
ALL NEWLY INSTALLED WATER PRESSURE PIPE SHALL BE "PIGGED" DURING THE FILLING
AND FLUSHING OPERATION. WASTEWATER PRESSURE PIPE SHALL BE "PIGGED" PRIOR
TO FINAL ACCEPTANCE BY THE CITY. PIG SIZE SHALL BE PIPE DIA. PLUS 2" OR
NEXT LARGER DIA.

CITY of DELRAY BEACH PIG LAUNCHER DETAIL



BOTH VALVES SHALL BE KEPT CLOSED UNTIL FILLING, FLUSHING AND BACTERIOLOGICAL TESTING IS COMPLETED AND APPROVED.

- AND BACTEROLOGICAL TESTING IS COMPLETED AND APPROVED.

 2. GAUSE AN DERET TO BE REMOVED AFTER PRESSURE TEST.

 3. CITY SHALL BE NOTHED BEFORE FILING AND FLUSHING.

 A PIETE RELEASE FROM THE HEALTH DEPARTMENT, BOTH VALVES.

 TO BE LIFT OPEN WITH VALVE BOX INSTALLED ON BOTH VALVES.

 TO BE LOWDER, HO EXTRA TAPS ARE PERMITTED SOLALY FOR TESTING.

 PLEPSUSE BULKES PRECEDED ARE NOT RESTING THE SECTION.

 5. TAPPING SADDLE OR SLEDYE (PPE CURRENT CITY PRODUCT LIST) IS REQUIRED ON TOSTING MAN.
- SETUP FOR ALL DOUBLE VALVE CONNECTIONS TO INCLUDE ATMOSPHERE VENTS AS SHOWN ABOVE.
- 8. CUTLET ON VENT TO ATMOSPHERE A MINIMUM 24" ABOVE EXISTING GRADE.

FILL & FLUSH DETAIL

CALE As Noted ATE: 06-20-14

C-7













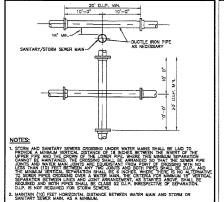


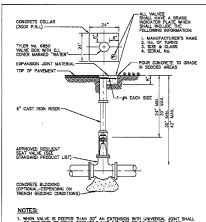
Sewer Details and Warehouse Facility

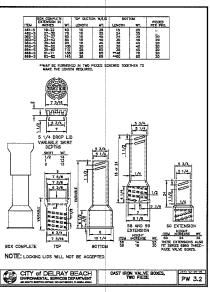
Class III Site Plan Mod. - 12 NOV 15 Water Distribution & Sanitary Resource POS - New Offices

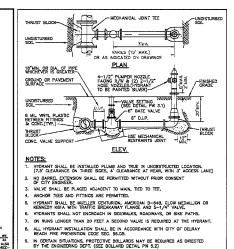
Austin M. Chavez, CEO Resource Point of Sale, L. 1044 SW 10th Avenue Deiray Beach, FL 33444

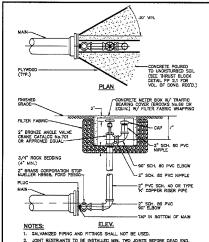
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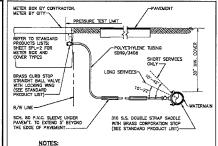




3. HYDRO-GUARD IS TO BE USED AT ALL PERMANENT DEAD ENDS. (SEE 6.2b)

CITY OF DELRAY BEACH ENFORMENTAL SERVICES DEPARTMENT

CITY OF DELFRAY BEACH WATER MAIN & SEWER CONFLICT



TYPICAL GATE VALVE DETAIL

PW 3.1

CITY of DELRAY BEACH

- SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" ON CENTER.
- 2. SERVICE UNES SHALL NOT BE PLACED UNDER DRIVEWAYS.
- ALL METERS REQUIRE A LOCKING BRASS CURB STOP WITH LOCK WING (1"MIN.).
- NO FITTINGS BETWEEN CORPORATION STOP AND BRANCH ASSEMBLY.
- MAXINUM SERVICE LENGTH IS 100° TO METER.
 CASING PIPE I.D. SHALL BE SERVICE O.D. PLUS 1° MINIMUM.
- MINIMUM BEND RADIUS ON SERVICES SHALL BE 14". ON ALL SERVICES BEHIND METER.
- METER SIZE WILL BE DETERMINED BY PUBLIC UTILITIES DEPT. UPON APPLICATION FOR SERVICE.
- ALL VALVES TO BE BALL VALVES.

CITY of DELRAY BEACH ENTRONMENTAL SETNICES DEPARTMENT

PW 6.1a

10. METER BOX SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR.

TYPICAL SERVICE CONNECTION

11. ALL SERVICES UNDER ROADWAYS ARE TO BE INSTALLED BY TRENCHESS METHOD, UNLESS OTHERWISE APPROVED.





MIN. 1-1/2" METER-

METER BOX

R/W-

SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" ON CENTER.

3. ALL SERVICE LINES REQUIRE A LOCKING BRASS DURB STOP WITH LOCK WING (1"MIN.).

2. SERVICE LINES SHALL NOT BE PLACED UNDER DRIVEWAYS.

4. NO FITTINGS BETWEEN CORPORATION STOP AND BRANCH ASSEMBLY.

6. CASING PIPE I.D. SHALL BE SERVICE O.D. PLUS 1" MINIMUM.

9. METER BOX SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR.

MINIMUM BEND RADIUS ON SERVICES SHALL BE 14". ON ALL SERVICES BEHIND METER.

5. MAXIMUM SERVICE LENGTH IS 100' TO METER.

8. ALL VALVES TO BE BALL VALVES.

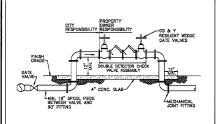
2" MIN. SERVICE

KAN

RPZ BACKFLOW-

TO FIRE SPRINKLERS

NOTES:



1. FOR ALL SERVICES GREATER THAN 2" DIA.

ALL PIPE AND FITTINGS SHALL BE CLASS 52 DUCTILE IRON CEMENT LINED DUCTILE IRON FLANGE FITTINGS FOR ABOVE GROUND USE. MECHANICAL JOINT SHALL BE USED UNDERGROUND IN ACCORDANCE WITH AWMA STANDARDS.

THE DOUBLE DETECTOR CHECK VALVE ASSEMBLY SHALL MEET AWWA C511-89, AND APPROVAL OF ENVIRONMENTAL SERVICES DEPARTMENT.

CERTIFICATION OF PROPER INSTALLATION AND OPERATION WILL BE REQUIRED FROM A CERTIFIED BACKFLOW PREVENTION TECHNICIAN PRIOR TO WATER MAIN ACCEPTANCE BY THE CITY OF DELRAY BEACH.

THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE PROPER OPERATION, MAINTENANCE AND TESTING OF THE DOUBLE DETECTOR CHECK VALVE ASSEMBLY.

6. BOLLARDS TO BE USED IF THE ASSEMBLY IS WITHIN 5' OF THE PAVEMENT, REFER TO BOLLARD DETAIL PW 5.2.

TO ALL TWO INOM DOUBLE DETECTOR CHECK VALVE, SHALL BE BRASS OR TYPE "L" COPPER TUBING

8. USE OF OTHER PIPE MATERALS WITH APPROVAL OF WATER SEWER MANAGER.

9. CITY MAINTAINS UP TO THE FIRST O S & Y VALVE.



FIRE HYDRANTS INSTALLED BUT NOT YET IN SERVICE SHALL BE COVERED WITH A BURLAP, OR PLASTIC SACK, OR HAVE OUT OF SERVICE RING IN PLACE.

ALL HYDRANT LEADS GREATER THAN 20-FEET MUST HAVE AUTOMATIC FLUSHER INSTALLED AT HYDRANT END (HYDROGUARD HG-1 STANDARD).

CITY of DELRAY BEACH TYPICAL FIRE HYDRANT INSTALLATION

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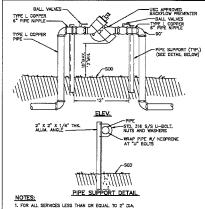
Sewer Details and Warehouse Facility Sanitary v Offices

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Class III Site Plan Mod. - 12 No Water Distribution & Se Resource POS - New (

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HORMA CHECKED, J'H M.E. de Norma DATE: 06-20-4



- 2. ABOVE GRADE PIPING SHALL BE BRASS OR TYPE "L" COPPER TUBING. 3. ALL COPPER JOINTS SHALL BE MADE WITH 95/5 SOLDER.
- RPZ BACKFLOW PREVENTER IS REQUIRED IN ACCORDANCE WITH CITY OF DELRAY BEACH CODE OF ORDINANCES TITLE V, CHAPTER 52.80,
- 5. USE OF OTHER PIPE MATERIALS WITH APPROVAL OF DEPUTY DIRECTOR OF UTILITIES.
- RPZ BACKFLOW PREVENTER IS REQUIRED FOR ALL COMMERCIAL PROPERTIES AND ALL RESIDENTAL PROPERTIES WITH FIRE SPRINKLER SYSTEMS.

CITY of DELRAY BEACH PW 10.2

GRAVITY SEWER NOTES

1. MANHOLES SHALL BE INSPECTED BY THE ENGINEER BEFORE PLACEMENT AND SUPPLIED TREFATMENT.

- ALL OPENINGS IN PRECAST MANHOLES SHALL BE CAST AT TIME OF MANUFACTURE. CONNECTIONS TO EXISTING MANHOLES SHALL BE CORE ENTRY ONLY.
- ALL NANHOLES SHALL BE SET PLIMB TO LINE AND GRADE.

 (PVC) GRANTY SEWER PIPE SHALL CONFORM TO ASTM D 3034, SOR 35, LATEST REVISIONS, WITH PUSH ON RUBBER GRASET JOINTS.
- (IP) GRAPT SEME PIPE SHALL BE CASS 350, EPCXY UNED OR AS OTHERWISE APPROVED BY ENVIRONMENTAL SERVICES DEPARTMENT.

 NO SERVICE CONNECTIONS, WYES, SERVICES OR VALVES WILL BE PERMITTED IN RESIDENTIAL DRIVEWAYS.
- NEADLEFIAL DIVENNES.

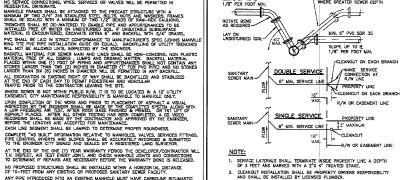
 MANHOLE FRAMES SHALL BE ATTACHED TO THE PRECAST STRUCTURE WITH A MINIMUM OF TWO 3/4" 316 STAINLESS STEEL BOLTS, NUTS AND WASHERS, FRAMES SHALL BE SEALED WITH A MINIMUM OF TWO 1/2" BEADS OF RAM-NEK CALLILING,

- ALL EXCAVATION IN EXISTING RIGHT OF WAY SHALL BE BACKFILLED AND STABILIZED AT THE END OF EACH DAY TO PERMIT PEDESTRIAN AND VEHICULAR TRAFFIC PROR TO THE CONTRACTOR LEAVING THE SITE.
- WHERE SEWER IS NOT WITHIN PUBLIC R/W, IT IS TO BE LOCATED IN A 12' UTILITY EASEMENT, CITY MAINTENANCE RESPONSIBILITY IS MANHOLE TO MANHOLE ONLY.
- EASEMENT, GIT MANICAMER RESPONSIBILITY IS MANICLE TO MANICLE ONLY.

 UNDO COMPLETION OF THE WORK AND PRIOR TO PLACEDENT OF ASSISTED A COMPLETION OF THE WORK AND PRIOR OF THE COMPLETION STRIP AND WITH A SECOND OF THE COMPLETION OF THE ADDRESS OF THE COMPLETION OF TH
- EACH LINE SEGMENT SHALL BE LAMPED TO DETERMINE PROPER ROUNDNESS.
- AT THE END OF THE ONE (1) YEAR WARRANTY PERIOD THE DEVELOPER/CONTRACTOR WILL T.X. INSPECT, AN IEST EVERY JOINT, AND DHICK MANNOLY JOINTS AND CONNECTIONS OF DETERMINE IF REPAIRS ARE NECESSARY BEFORE THE WARRANTY BOND IS RELEASED.
- NO PROPOSED STRUCTURES SHALL BE INSTALLED WITHIN A HORIZONTAL DISTANCE OF 10—FEET FROM ANY EXISTING OR PROPOSED SANITARY SEWER FACILITY,
- ANY PIPE INTRODUCED INTO AN EXISTING MANHOLE MUST HAVE CARBOLINE BITUMASTIC 300M OR APPROVED EQUAL APPLIED EXTERNALLY WITHIN A MINIMUM 2-FOOT RADIUS OF OPENING AND THE ENTIRE MANHOLE MUST HAVE SEWPER COAT OR APPROVED EQUAL APPLIED INTERNALLY.
- ANY REHABILITATION TO AN EXISTING MANHOLE MUST BE INTERNALLY STRIPPED AND LINED WITH SEWPER COAT OR APPROVED EQUAL. CITY of DELRAY BEACH

GRAVITY SEWER NOTES

WW 1.1



SLOPE UP TO R

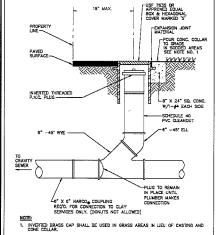
3. SEE DETAIL PW 2.1 FOR SEPARATION REQUIREMENTS.

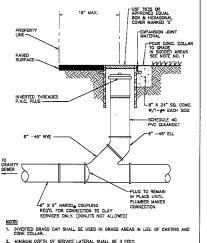
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CITY of DELRAY BEACH
EMPROMENTAL SERVICES DEPARTMENT SEWER SERVICE CONNECTION WW 4.1

ROTATE RENDS AS REQUIRED.

-ALTERNATE: ADDITIONAL RISER AND BIEND WHERE GREATER SEWER DEPTI





CITY of DELRAY BEACH ENVIOUS DELRAY BEACH ENVIOUS DEPARTMENT

TYPICAL COMMERCIAL CLEANOUT

WW 5.2



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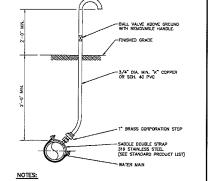


Water Distribution & Sanitary Resource POS - New Offices

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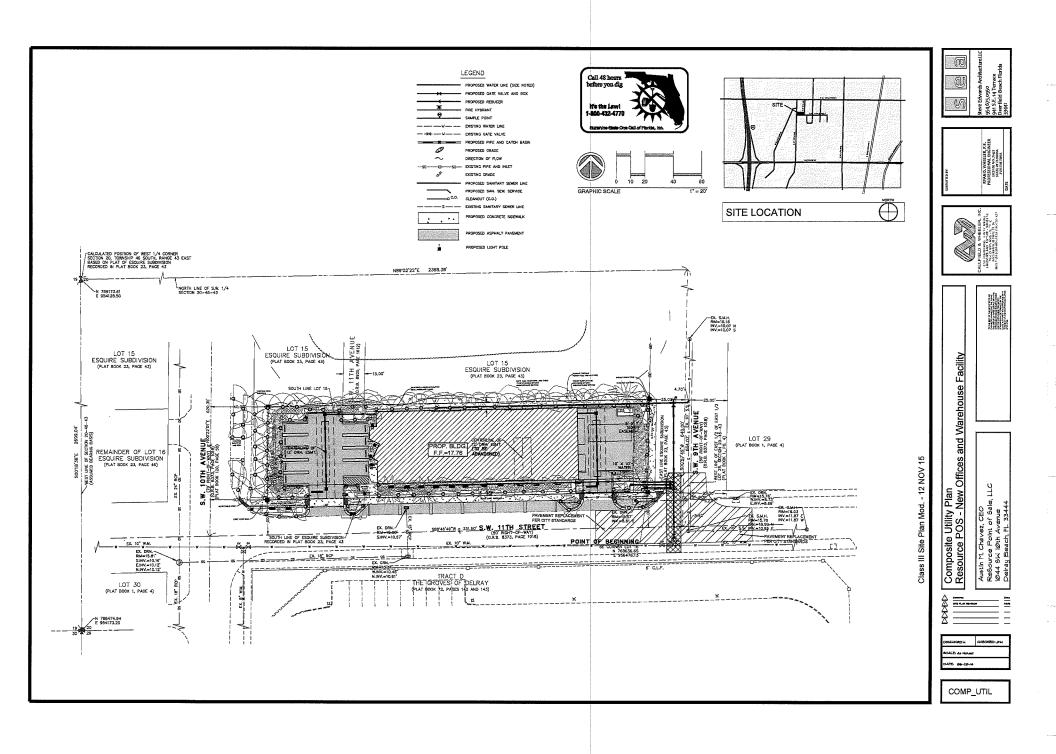


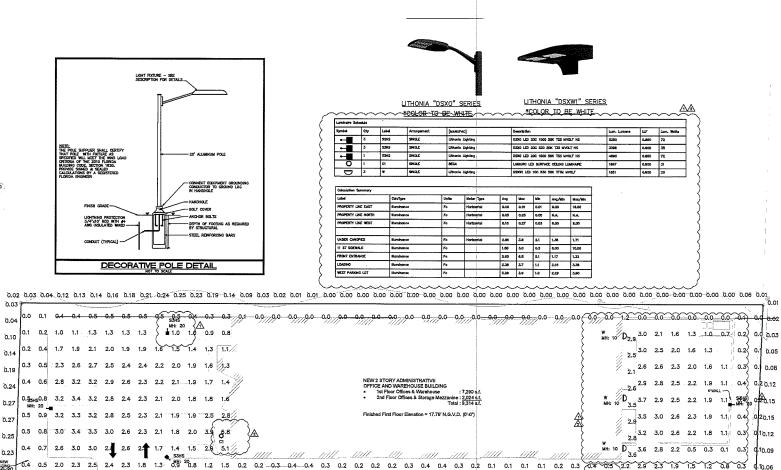
- 1. SAMPLE POINT SHOULD BE AY SERVICE LINE OR FIRE HYDRANT IF POSSIBLE,
- If sample point is not at service line or fire hydrant, corp. Stop shall be shut off at man and all tubing shall be removed, and corp. Stop shall have a brass fill of cap installed after release of water man by palm beach county health department.
- 3. IF AT ALL POSSIBLE SAMPLE POINT SHALL NOT BE LOCATED IN A TRAFFIC AREA,
- SAMPLE POINTS SHALL KEEP RUNNING UNTIL HEALTH DEPT, RELEASE AND ALL MAIN LINE VALVES ARE OPENED.

CITY of DELRAY BEACH

A TYPICAL SAMPLE POINT

PW 7.1





ANY ACCEPTABLE ALTERNATE/SUBSTITUTE MUST BE APPROVED IN WAITING PRIOR TO BID DATE.
TO COMPRIM THAT THE SPECIFIED PHOTOMETRIC ORITERIA HAS BEEN MET, A COMPUTER DISK CONTINUED THE ISP PHOTOMETRIC FILE OF THE PROPOSED ALTERNATE/SUBSTITUTION MUST BEEN THE PROPOSED ALTERNATE/SUBSTITUTION MUST BE SERVED THE PROPOSED ALTERNATE SERVED THE PROP

S.W. 11th STREET

(SO FEET WIDE)

PHOTOMETRIC PLAN

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and Warehouse

New Offices

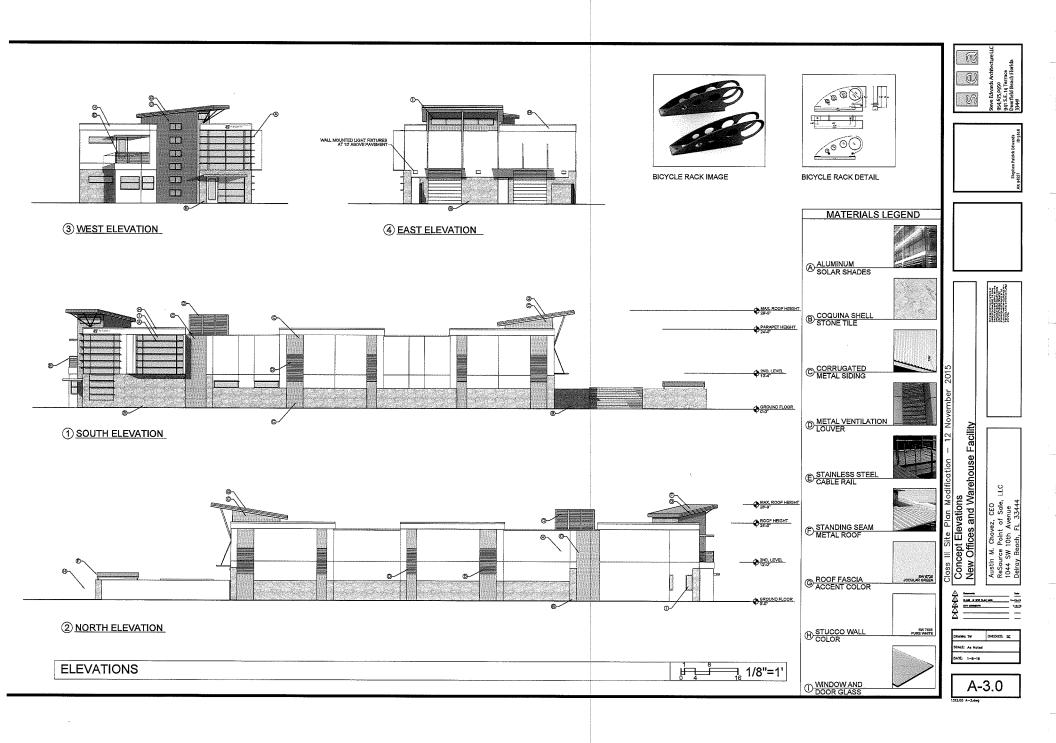
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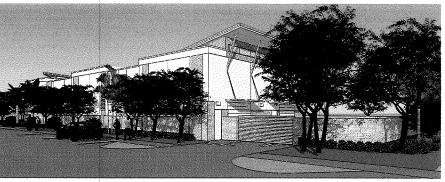
6'WALL -

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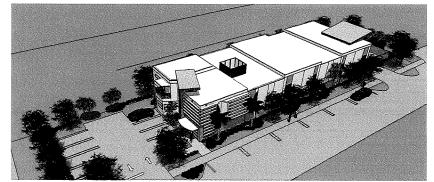




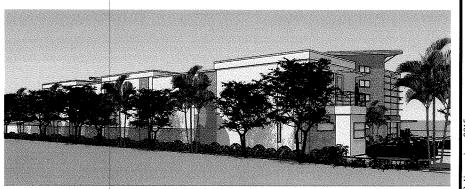
FROM SOUTHWEST CORNER



FROM SOUTHEAST CORNER

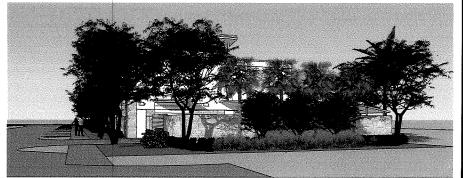


BIRD'S EYE VIEW



FROM NORTHWEST CORNER





FROM S.W. 9th AVENUE

PERSPECTIVE VIEWS

