

REVISIONS :

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FILLMORE FLATS APARTMENTS
1911-1915 FILLMORE STREET, HOLLYWOOD, FLORIDA 33020

PROJECT :

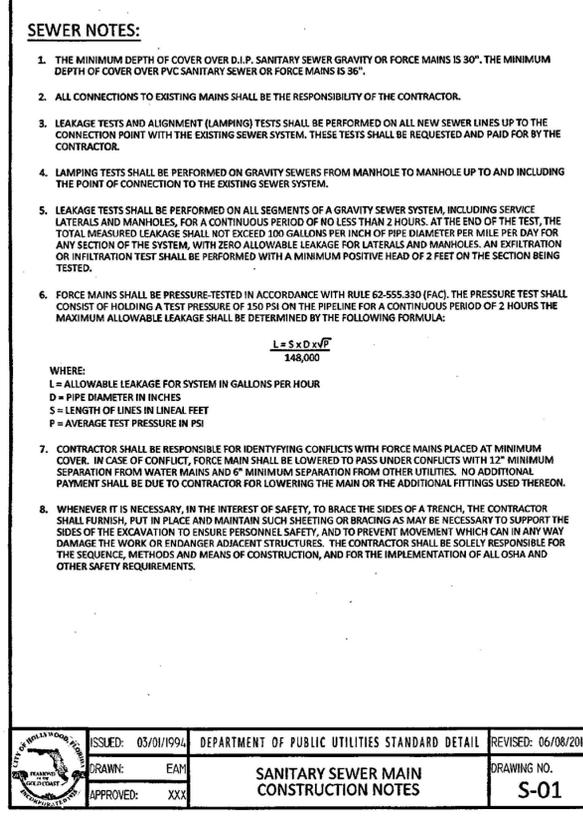
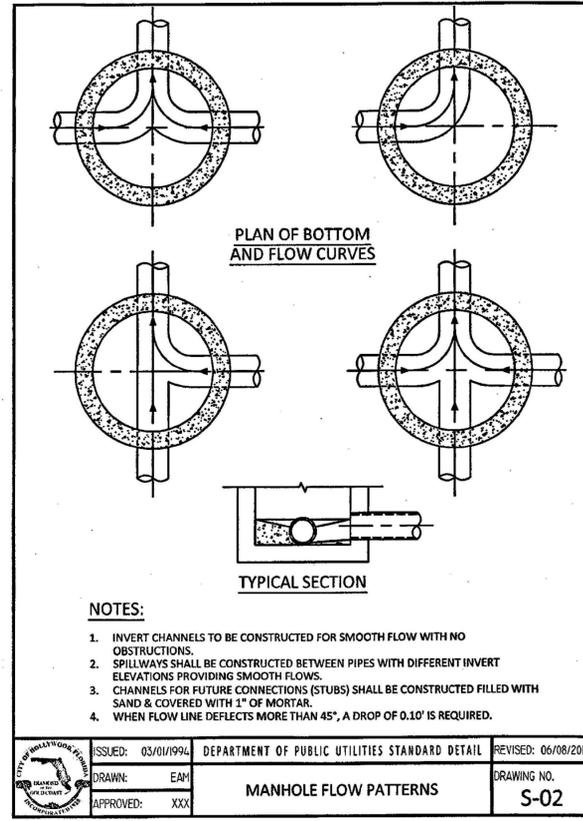
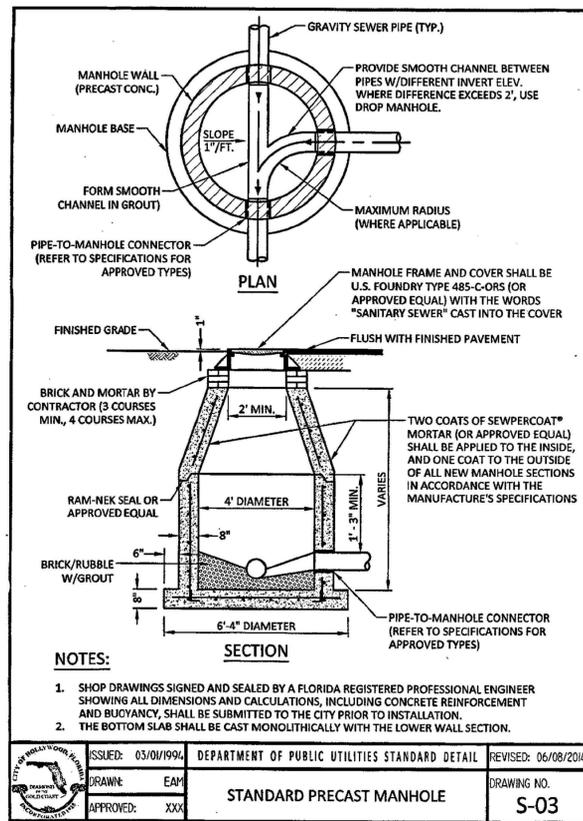
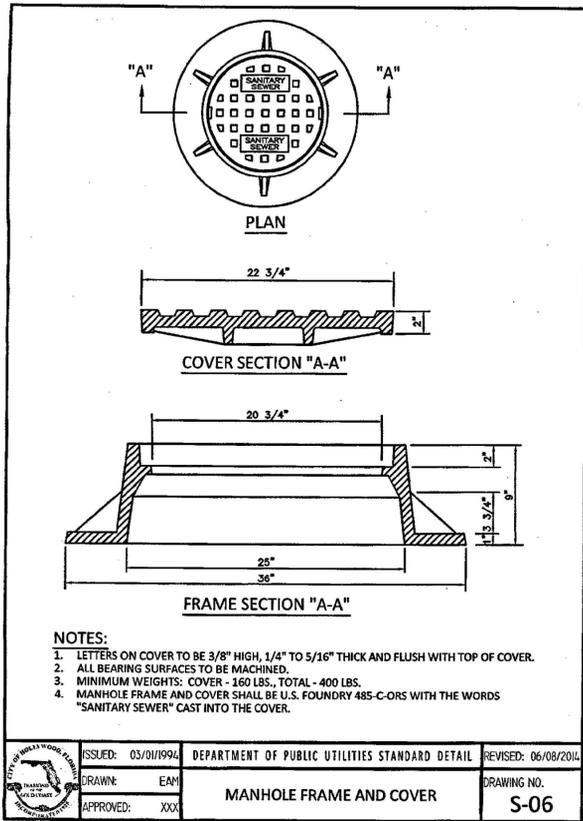
CONSTRUCTION DETAILS

DRWG. TITLE :

DATE: MAY 2018
SCALE: 1"=20'-0"
DWG. BY: C.R.W.
CHK'D. BY: C.O.B.
JOB NO.: 2018-423
SHEET NO.

C-6

CHARLES O. BUCKALEW, P.E.
FLORIDA REG. NO. 24842



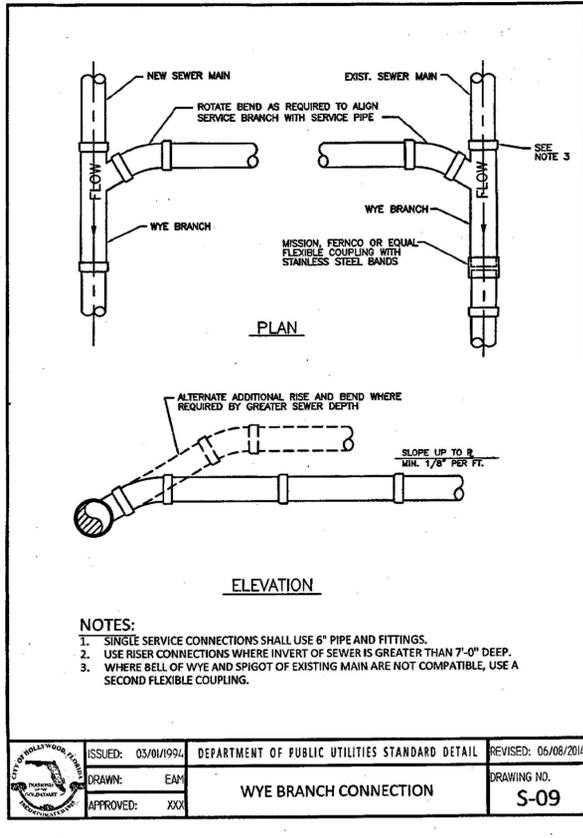
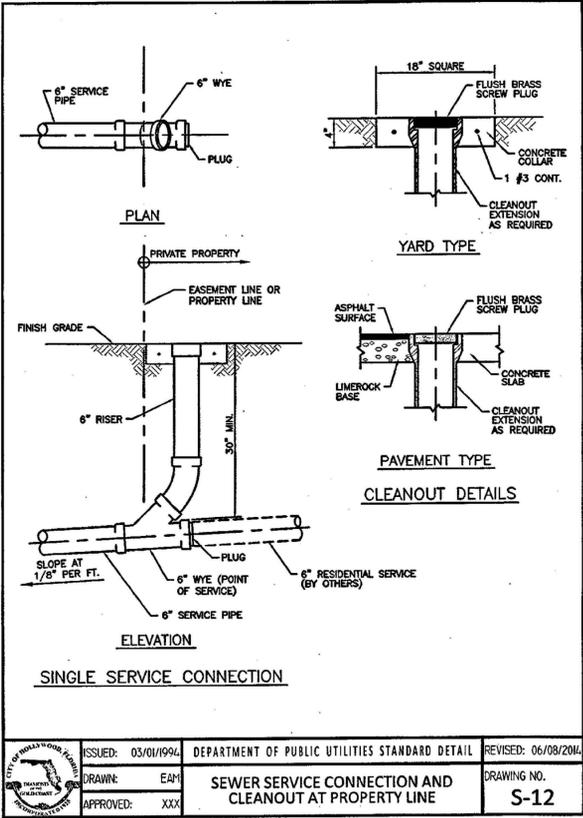
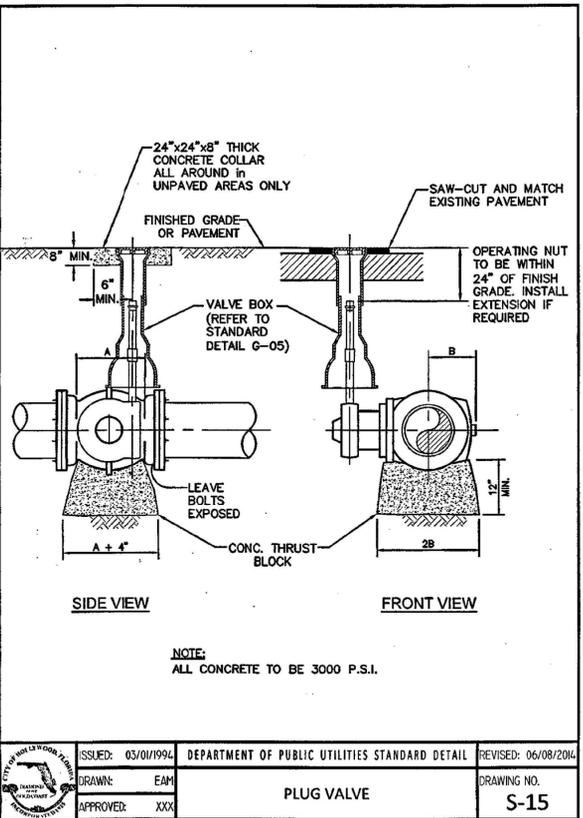
WATER MAIN SEPARATION IN ACCORDANCE WITH F.A.C. RULE 62-555.314

OTHER PIPE	HORIZONTAL SEPARATION	CROSSING (1), (4)	JOINT SPACING @ CROSSING (FULL JOINT CENTERED) (8)
STORM SEWER, STORM WATER FORCE MAIN, RECLAIMED WATER (2)	3 ft minimum		Alternate 3 ft minimum
GRAVITY SANITARY SEWER, (3) SANITARY SEWER FORCE MAIN, RECLAIMED WATER	18 ft preferred 6 ft minimum		Alternate 6 ft minimum
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM	18 ft minimum		

- WATER MAIN SHOULD CROSS ABOVE OTHER PIPE, WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.
- RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-520, F.A.C.
- 3 FT. FOR GRAVITY SANITARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.
- 18" VERTICAL MINIMUM SEPARATION REQUIRED BY CITY OF HOLLYWOOD, UNLESS OTHERWISE APPROVED.
- A MINIMUM 6 FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.
- IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 30 FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SURFACE LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.
- WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN A PARALLEL INSTALLATION, THE WATER MAIN SHALL BE CONSTRUCTED OF 6" AND THE SANITARY SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF 8" WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).
- ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED.

ISSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/2014
 DRAWN: EAM
 APPROVED: XXX

DRAWING NO. S-01.1



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BMP-1 BEST MANAGEMENT PRACTICES

This plan has been prepared to ensure compliance with appropriate conditions of the Palm Beach County Land Development Regulations, the rules of the Florida Department of Environmental Protection, Chapter 17-25, F.A.C., and the South Florida Water Management District, Chapter 400-4, F.A.C. This plan addresses the following areas:

1. Protection of preserved/conserved wetland habitats during construction.
2. Protection of preserved/conserved upland habitats during construction.
3. General erosion control.
4. Protection of surface water quality during and after construction.
5. Control of wind erosion.

The various techniques mentioned under each section indicate the appropriate situation when the techniques should be employed. Also identified is a cross-reference to a diagram or figure representing the technique.

It should be noted that the measures identified on this plan are only suggested BMPs. The contractor shall provide pollution prevention and erosion control measures as specified in FDOT index #100 and as necessary for each specific application.

SECTION 1 PROTECTION OF PRESERVED/CONSERVED WETLAND HABITATS DURING CONSTRUCTION

- 1.1 Wetland habitat protection BMPs shall be utilized for any development parcel which contains or abuts a preserved wetland and/or for any parcel which contains or abuts a mitigated wetland.
- 1.2 Preserved wetlands shall be protected prior to the start of sitework construction. Protection shall consist of a silt barrier constructed along the entire perimeter of the preserved wetland as shown in Figure 1. The silt barrier shall be constructed along the outer edge of the required 30 foot buffer adjoining preserved wetlands. The silt barrier may be either a silt fence as shown in Figure 2 or hay bales as shown in Figure 3.

SECTION 2 PROTECTION OF PRESERVED/CONSERVED UPLAND HABITATS

- 2.1 Barrierces shall be placed around all protected (preserved) habitats including mesic and uplands during development.
- 2.2 Silt barriers required for the protection of preserved habitats other than wetlands shall be constructed along the perimeter of the preserved area in accordance with implementation guidelines contained in Section 1.4.

SECTION 3 GENERAL EROSION CONTROL

- 3.1 General erosion control BMPs shall be employed to minimize soil erosion and potential loss slope cover-tn. While the various techniques required will be site and plan specific, they should be employed as soon as possible during construction activities.
- 3.2 Cleared site development areas not continuously scheduled for construction activities shall be covered with hay or overseeded and partially watered sufficient to stabilize the temporary groundcover.
- 3.3 Slopes of banks of retention/detention ponds shall be constructed not steeper than 4H:1V from top of bank to two feet below normal water level as shown in Figure 5.
- 3.4 All grass slopes constructed steeper than 4H:1V shall be sodded as soon as practical after their construction as shown in Figure 8.

SECTION 4 PROTECTION OF SURFACE WATER QUALITY DURING AND AFTER CONSTRUCTION

- 4.1 Surface water quality shall be maintained by employing the following BMPs in the construction planning and construction of all improvements.
- 4.2 Where practical, stormwater shall be conveyed by aedas. Swales shall be constructed as shown in Figure 4.
- 4.3 Erosion control measures shall be employed to minimize turbidity of surface water located downstream of any construction activity. While the various measures required will be site specific, they shall be employed as needed in accordance with the following:
 - a. In general, erosion shall be controlled at the furthest practical upstream location.
 - b. Stormwater inlets shall be protected during construction as shown in Figures 6 and 7. Protection measures shall be employed as soon as practical during the various stages of each construction. Silt barriers shall remain in place until sodding ground inlets is complete.
 - c. Heavy construction equipment parking and maintenance areas shall be designed to prevent oil, grease, and lubricants from entering site drainage features including stormwater collection and treatment systems. Contractors shall provide brood disks, hay bales or silt screens around and sediment sumps within, such areas as required to contain spills of oil, grease or lubricants. Contractors shall have absorbents, and shall use, absorbent filter pads to clean up spills as soon as possible after occurrence.
- 4.5 Silt barriers, any silt which accumulates behind the barriers, and any fill used to anchor the barriers shall be removed promptly after the end of the maintenance period specified for the barriers.

SECTION 5 CONTROL OF WIND EROSION

- 5.1 Wind erosion shall be controlled by employing the following methods as necessary and appropriate:
 - a. Bare earth areas shall be watered during construction as necessary to minimize the transport of fugitive dust. It may be necessary to limit construction vehicle speed if bare earth has not been effectively watered. In no case shall fugitive dust be allowed to leave the site under construction.
 - b. As soon as practical after completion of construction, bare earth areas shall be vegetated.
 - c. At any time both during and after site construction that watering and/or vegetation are not effective in controlling wind erosion and/or transport of fugitive dust, other methods as are necessary for such control shall be employed. These methods may include erection of dust control fences. If required, dust control fences shall be constructed in accordance with the detail for a silt fence shown in Figure 2 except the minimum height shall be 4 feet.

FIGURE 1

FIGURE 2

FIGURE 3

FIGURE 4

FIGURE 5

FIGURE 6

FIGURE 7

FIGURE 8

FIGURE 9

FIGURE 10

FIGURE 11

1
C3.3 **EROSION CONTROL PLAN**
 SCALE: AS NOTED

PROPOSED PLANT LIST

TREES / PALMS

Code	Drought	QTY.	Botanical Name / Common Name	Specifications
CD	(N)	8	Coccoloba diversifolia / Pigeon Plum	B&B Field Grown, 2-1/2" Cal, 12-14" OA
RE	(V)	2	Roystonea elata / Royal Palm	B&B Field Grown, 14-16" OA

ACCENTS / SHRUBS / GROUND COVERS

CIR	(N)	155	Chrysoballus leuco / Red Tip Cocoplum	3 Gal., 24" OA, 2' OC
CR	(N)	24	Clusia rosea / Clusia	3 Gal., 24" OA, 2' OC
IVD	(N)	75	Ilex vomitoria / Dwarf Ilex	3 Gal., 24" OA, 2' OC
JNC	(N)	30	Juniperus conferta / Blue Rug Juniper	3 Gal., 24" OA, 2' OC
LM	(V)	225	Liriope muscari / Liriope	1 Gal., 12" OA, 12" OC
PM	(V)	57	Podocarpus macrocarpa / Podocarpus	7 Gal., 42" OA, 2' OC
SAV	(V)	18	Schefflera arboricola / Trinitte	3 Gal., 24" OA, 2' OC
PEN	(V)	185	pentas sp / Pentas	6" Pot, 9" OA, 1' OC

MISCELLANEOUS

SOD		Stenotaphrum secundatum / St. Augustine Floratam	Solid application - no gaps between seams
M		Moderate Drought Tolerance	
(N)		Florida Native Plant Species	
L		Low Drought Tolerance	
V		Very Drought Tolerant	

NOTES:

GENERAL PLANTING REQUIREMENTS

All sizes shown for plant material on the plans are to be considered Minimum. All plant material must meet or exceed these minimum requirements for both height and spread. Any other requirements for specific shape or effect as noted on the plan(s) will also be required for final acceptance.

All plant material furnished by the landscape contractor shall be Florida #1 or better as established by "Grades and Standards for Florida Nursery Plants" and "Grades and Standards for Florida Nursery Trees". All material shall be installed as per CSI specifications.

All plant material as included herein shall be warranted by the landscape contractor for a minimum period as follows: All trees and palms for 12 months, all shrubs, vines, groundcovers and miscellaneous planting materials for 90 days, and all lawn areas for 60 days after final acceptance by the owner or owner's representative.

All plant material shall be planted in planting soil that is delivered to the site in a clean loose and friable condition. All soil shall have a well drained characteristic. Soil must be free of all rocks, sticks, and objectionable material including weeds and weed seeds as per CSI specifications.

Twelve inches (12") of planting soil 50/50 sand/topsoil mix is required around and beneath the root ball of all trees and palms, and 1 cubic yard per 50 bedding or groundcover plants.

All landscape areas shall be covered with Eucalyptus or sterilized seed free Melaleuca mulch to a minimum depth of three inches (3") of cover when settled. Cypress bark mulch shall not be used.

All plant material shall be thoroughly watered in at the time of planting; no dry planting permitted. All plant materials shall be planted such that the top of the plant ball is flush with the surrounding grade.

All landscape and lawn areas shall be irrigated by a fully automatic sprinkler system adjusted to provide 100% coverage of all landscape areas. All heads shall be adjusted to 50% overlap as per manufacturers specifications and performance standards utilizing a rust free water source. Each system shall be installed with a rain sensor.

Each lot shall supply, install, and maintain an individual irrigation system for that individual lot.

It is the sole responsibility of the landscape contractor to insure that all new plantings receive adequate water during the installation and during all plant warranty periods. Deep watering of all new trees and palms and any supplemental watering that may be required to augment natural rainfall and site irrigation is mandatory to insure proper plant development and shall be provided as a part of this contract.

Special Note

No items to be stored higher than the screening wall or fence.

All plant material shall be installed with fertilizer, which shall be State approved as a complete fertilizer containing the required minimum of trace elements in addition to N-P-K, of which 50% of the nitrogen shall be derived from an organic source as per CSI specifications.

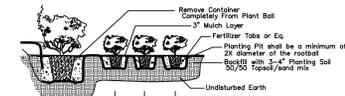
Contractors are responsible for coordinating with the owners and appropriate public agencies to assist in locating and verifying all underground utilities prior to excavation.

All ideas, designs and plans indicated or represented by this drawing are owned by and are the exclusive property of Wayne K. Tanning, RLA.

SPECIAL INSTRUCTIONS

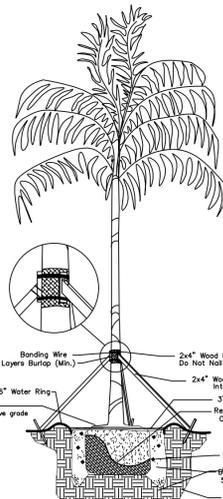
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All sod areas as indicated on the planting plan shall receive Stenotaphrum secundatum, St. Augustine Floratam solid sod. It shall be the responsibility of the landscape contractor to include in the bid, the repair of any sod which may be damaged from the landscape installation operations.



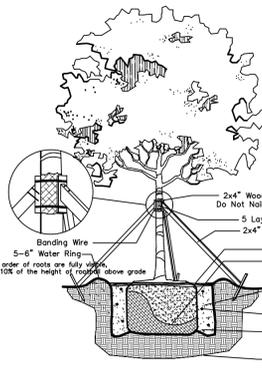
Shrub & Ground Cover Planting Detail

NTS



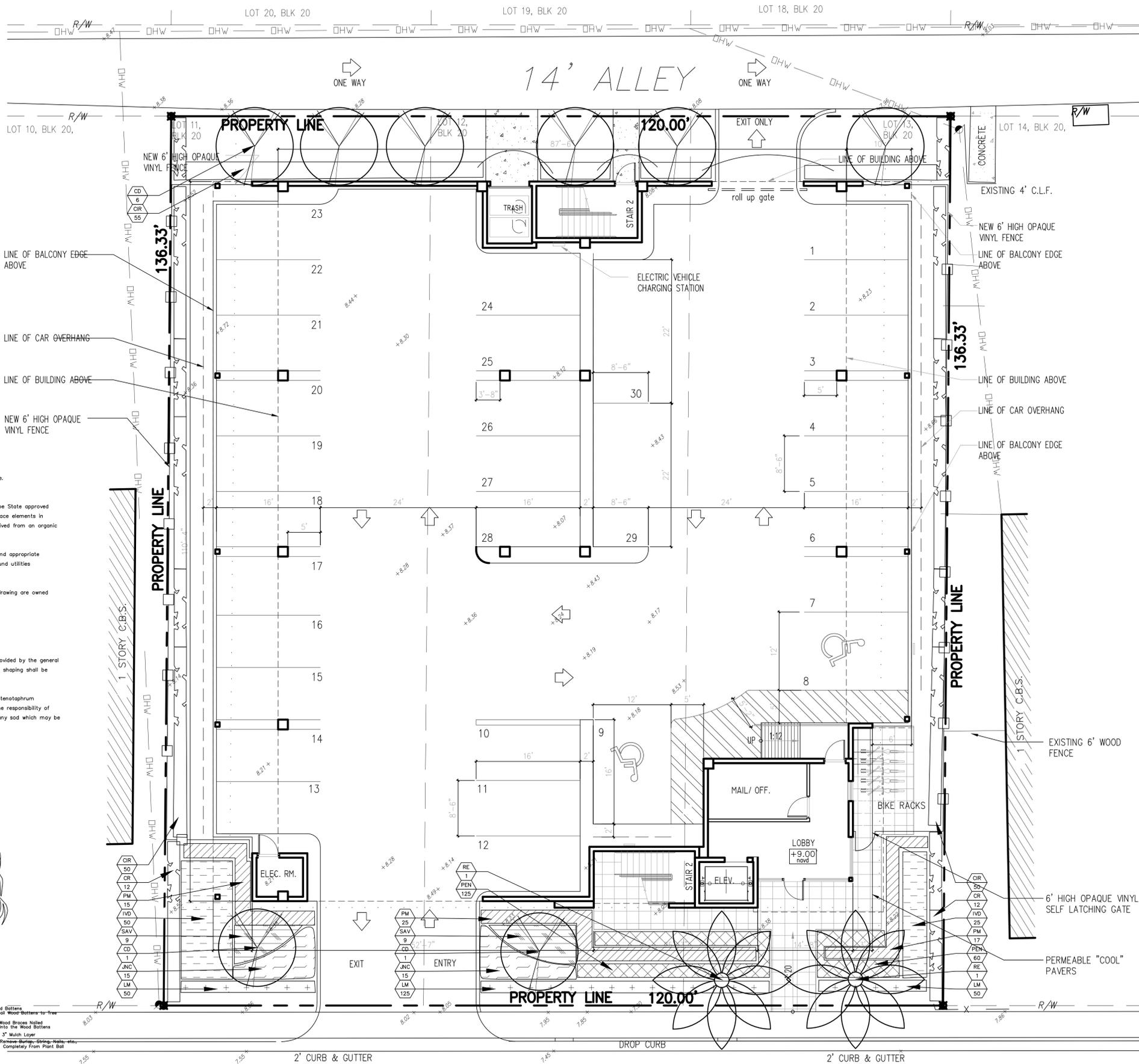
Palm Planting Detail

Not to Scale



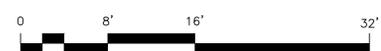
Large Tree Planting Detail

NTS



LANDSCAPE PLAN

SCALE: 1/8" = 1'-0"



Wayne K. Tanning, RLA
 Landscape Architect - Florida License #6666709
 4855 NW 92 Terrace
 Coral Springs, Florida 33067
 Tel: 561-414-8269 Email: wktanning@tonningandassociates.com

LANDSCAPE PLAN
 PROJECT : FILLMORE FLATS
 1911 1915 FILLMORE STREET
 HOLLYWOOD, FLORIDA 33020
 CLIENT : JOSEPH B KALLER AND ASSOCIATES

DRWG. TITLE : LANDSCAPE PLAN
 PROJECT : FILLMORE FLATS
 CLIENT : JOSEPH B KALLER AND ASSOCIATES

PROJECT NO. 18-119
 DRAWN BY WKT
 DESIGNED BY WKT
 CHECKED BY WKT
 DATE : 10-03-17
 DWG. NO. LP-1

SHT. NO. 1 of 1
 REVISIONS :

PROPOSED PLANT LIST

ACCENTS / SHRUBS / GROUND COVERS

LM	V	334	Liriope muscari / Liriope	1 Gal., 12" OA, 12" OC
SS	V	23	Sansevieria trifasciata / Variegated Snake Plant	3 Gal., 24" OA, 4" OC

MISCELLANEOUS

M	Moderate Drought Tolerance
(N)	Florida Native Plant Species
L	Low Drought Tolerance
V	Very Drought Tolerant

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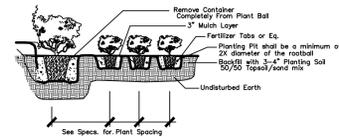
All landscape areas shall be covered with Eucalyptus or sterilized seed free Melaleuca mulch to a minimum depth of three inches (3") of cover when settled. Cypress bark mulch shall not be used.

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Shrub & Ground Cover Planting Detail

NTS

Special Note

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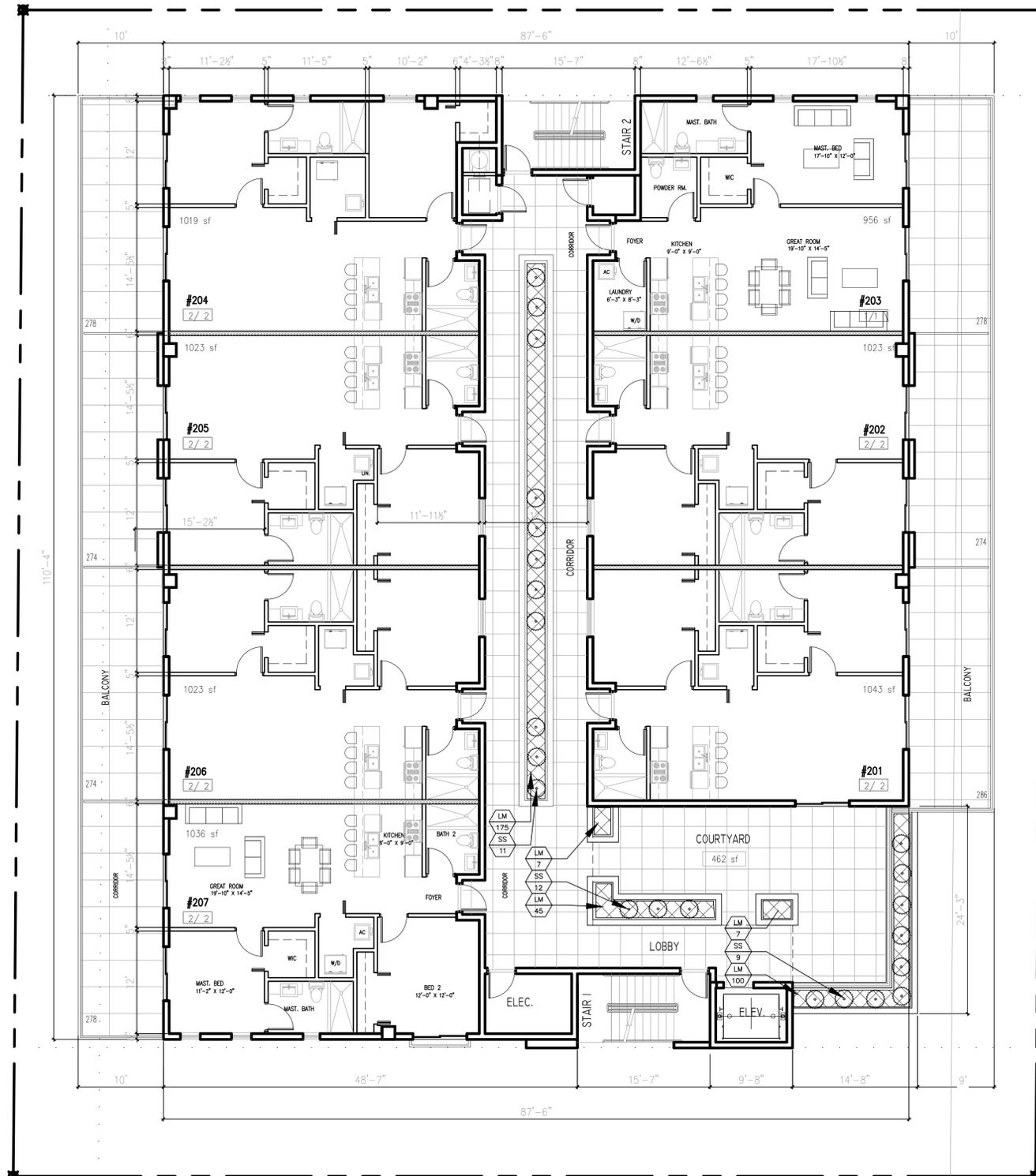
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DRWG. TITLE : LANDSCAPE PLAN - 2nd FLOOR
PROJECT : FILLMORE FLATS
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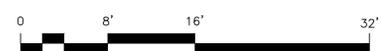
SEAL
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FLA #6666709

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DRAWN BY WKT
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DATE : 10-03-17
DWG. NO. LP-2
SHT. NO. 1 of 1
REVISIONS :



LANDSCAPE PLAN

SCALE: 1/8" = 1'-0"



PROPOSED PLANT LIST

ACCENTS / SHRUBS / GROUND COVERS

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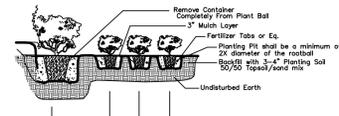
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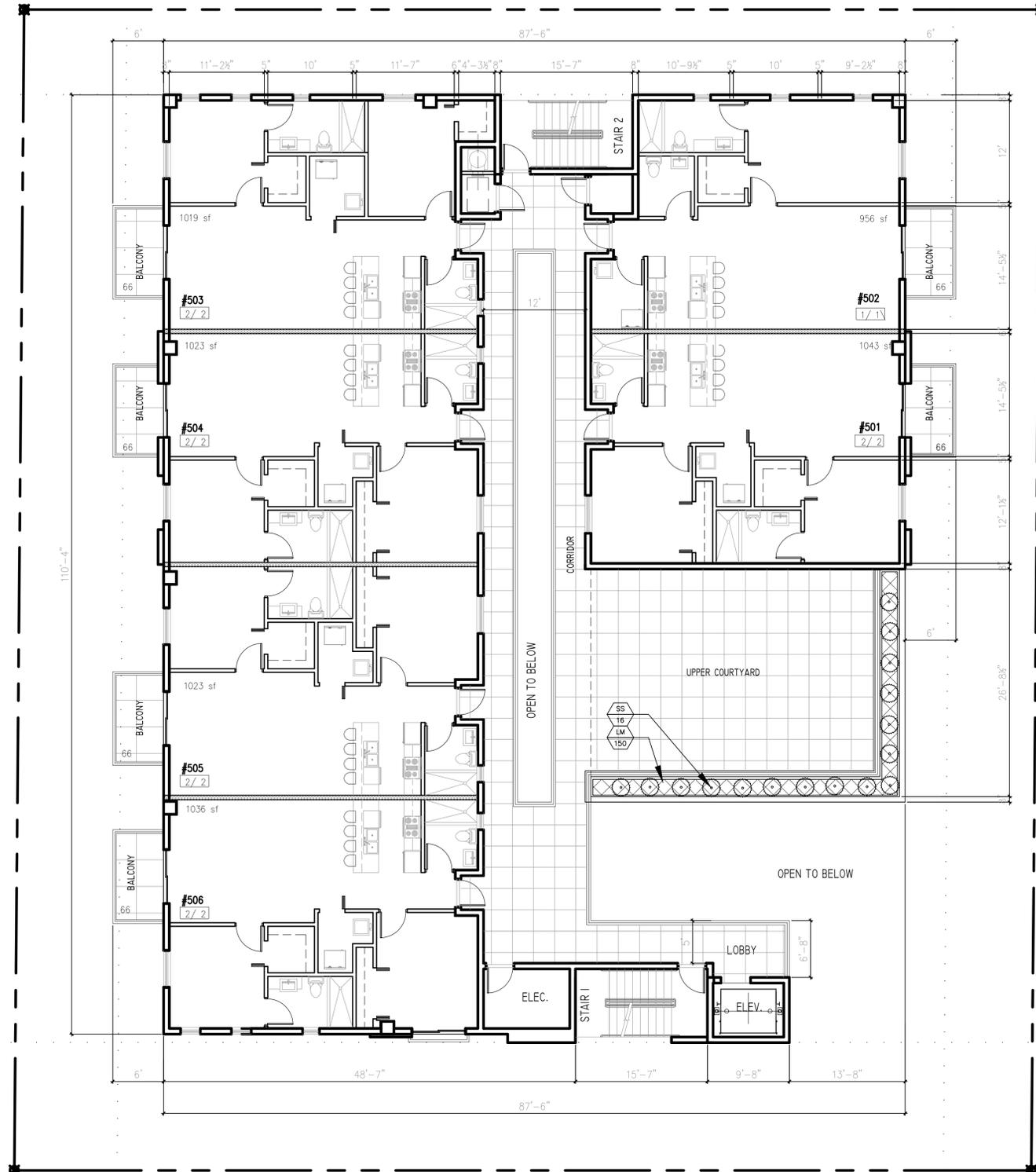
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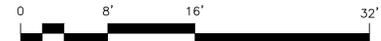
SHT. NO. 1 of 1

REVISIONS :



LANDSCAPE PLAN

SCALE: 1/8" = 1'-0"



19'-9"
CURB CUT

87'-5"

0'
CURB CUT

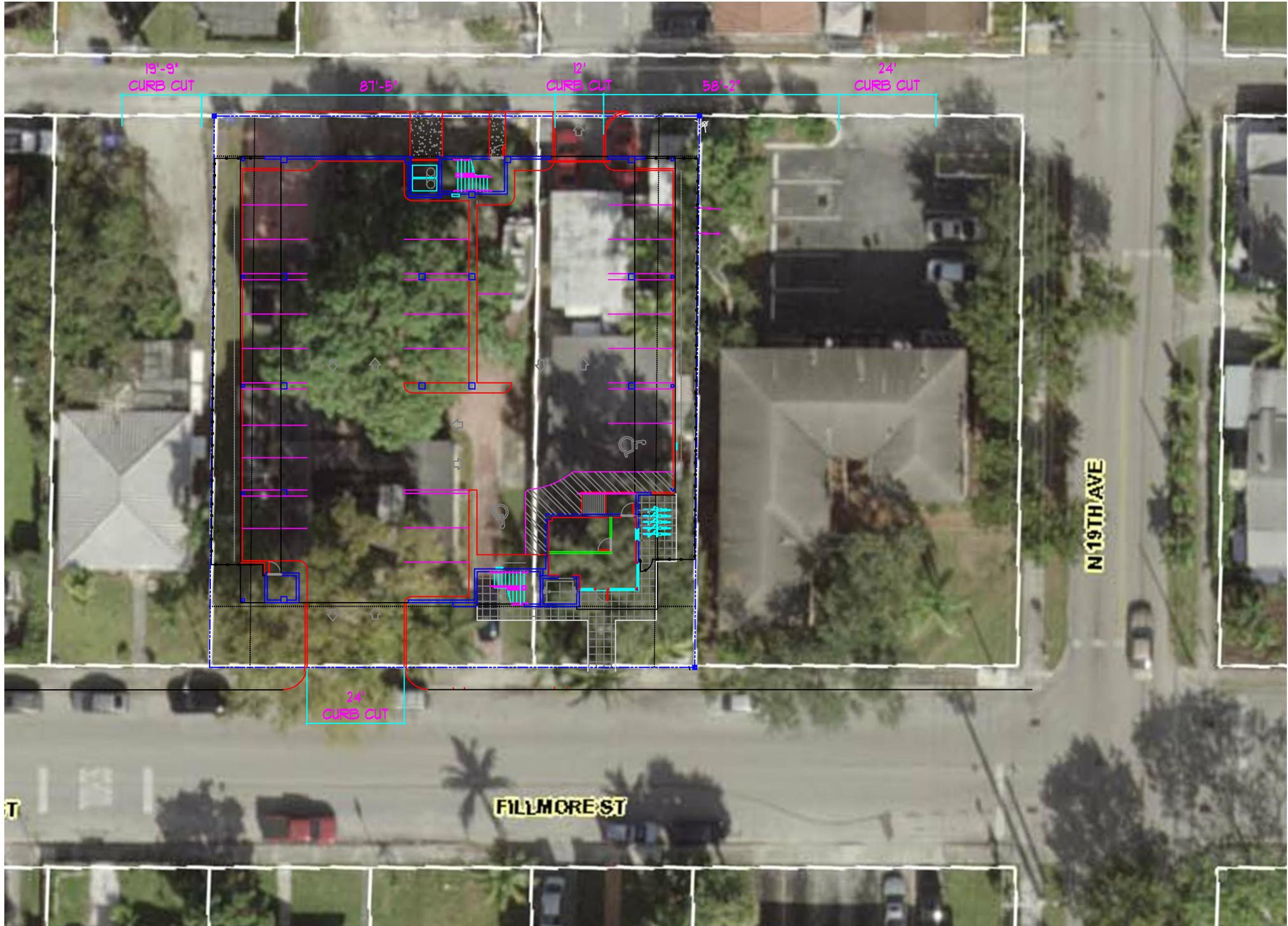
58'-9"

24'
CURB CUT

24'
CURB CUT

N 19TH AVE

FILLMORE ST



Charles O. Buckalew

Consulting Engineering Services, Inc.

DRAINAGE CALCULATIONS FOR:

1915 Fillmore Street, - Apartment Building, Hollywood, Florida

I. Given:

A. Acreages

1. Total =	16,360.00	sq. ft.	0.376	ac.
2. Impervious:				
a. Pavement / Walks =	1,279.00	sq. ft.	0.029	ac.
b. Buildings (Roof) =	11,372.00	sq. ft.	0.261	ac.
3. Green=	3,709.00	sq. ft.	0.085	ac.

B. Minimum elevations

1. Roads =	4.00	ft. NAVD
2. Floors =	5.50	ft. NAVD

C. Water level elevations

1. Wet season water table =	Future	2.50	ft. NAVD
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II. Design Criteria

A. Quality

1. If a wet detention system, then whichever is the greater of:
 - a. The first inch of runoff from the entire site.
 - b. The amount of 2.5 inches times the percentage of imperviousness.

III. Computations

A. Quality

1. Compute the first inch of runoff from the developed project:			
	= 1 in. x 1 ft/ 12 in. x Total Project		
Total Project =	0.376	ac.	
	=	0.031	ac.-ft. for the first inch of runoff.
2. Compute 2.5 inches times the percentage of imperviousness:			
a. Site area for water quality pervious/impervious calculations only			
	= Total project - Roof		
Total Project =	0.376	ac.	
Roof =	0.261	ac.	
	=	0.115	ac. of site area for water quality pervious/ impervious.
b. Impervious area for water quality pervious/impervious calculations only			
	= (Site area for water quality pervious/impervious) - pervious		
Site area for water quality pervious/ impervious =	0.115	ac.	
Pervious =	0.09	ac.	
	=	0.029	ac. of impervious area for water quality pervious/ impervious
c. Percentage of imperviousness for water quality			
	= Impervious area for water Quality x 100		
	Site area for water quality		
Impervious area for water quality =	0.029	ac.	
Site area for water quality =	0.115	ac.	
	=	25.64%	impervious
d. For 2.5 inches times the percentage impervious			
	= 2.5 in. x percentage impervious		
Percentage Impervious =	25.64%		
	=	0.64	in. to be treated

#248542
 5/29/18
 Charles O. Buckalew

e. Compute volume required for quality detention

Inches to be treated = Inches to be treated x Total Site x 1 ft. / 12 in.
 Inches to be treated = 0.64 in.
 Total Site = 0.38 ac.
 = 0.020 ac-ft. required detention storage

3. Since the 0.020 ac-ft. is less than the 0.031 ac-ft. computed for one (1) inch over the 0.031 ac-ft. controls.

IV. PROJECT SURFACE STORAGE

Volume of Trench (Assuming 50% Voids)

Volume of Trench = (Width of Trench x Height of Trench - Area of Pipe) x Length

Width & Height of Trench = 4 ft. x 8
 = ((W) ft. x (H) ft. - π (0.625 ft.)²) x 0.50 + π (0.625 ft.)²
 = 16.61 ft²

TOTAL REQUIRED:

Required detention storage = Required detention storage x 43,560 ft. / acre
 Required detention storage = 0.03 ac-ft.
 1,363.33 ft³

TOTAL PROVIDED:

Trench Volume

= Length Provided x Volume of Trench
 Trench Provided = 150 ft.
 Volume of trench = 16.61 ft²
 2,492.04 ft³

Front: 0 Ft x 20 Ft x 0" Deep = 0 Cubic Feet

Rear: 100 Ft x 6" Deep x 5' width = 125 Cubic Feet

Sides: 5 Ft x 100 Ft 6" Deep = 125 Cubic Feet

100 Ft x 5 Ft x 6" Deep = 125 Cubic Feet

TOTAL : 375 Cubic Feet

SUBTOTAL : 375 CF + 2,492 CF = 2,867 Cubic Feet

CONCLUSION:

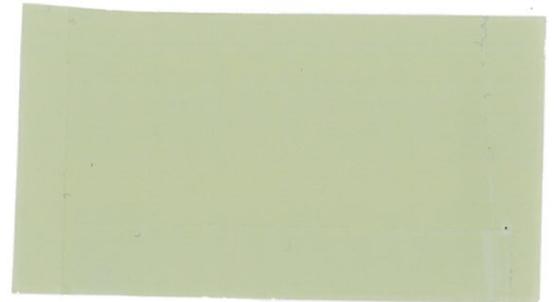
Swales and Exfiltration Trench will be adequate for Water Quality for the Site.

Fillmore flats

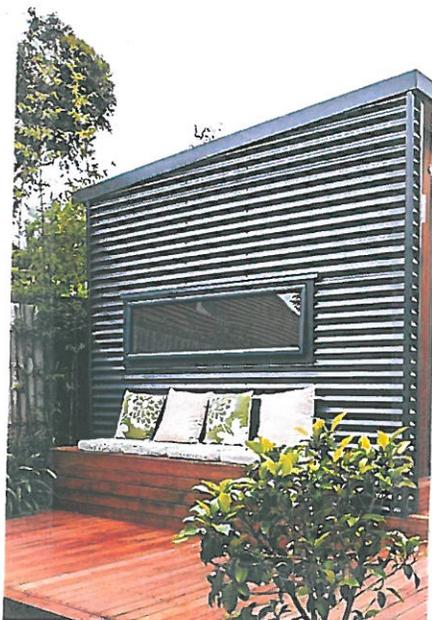
1915 FILLMORE STREET
HOLLYWOOD FL

main building color
benjamin moore OC-130
cloud white

accent color
benjamin moore 1517
mosiac tile



corrugated metal siding



mosaic tile wall finish

Fillmore flats

1915 FILLMORE STREET
HOLLYWOOD FL



bronze storefront

railing



composite wood trim

Fillmore flats

1915 FILLMORE STREET
HOLLYWOOD FL

opaque vinyl fence



**CITY OF HOLLYWOOD
PARKS, RECREATION AND CULTURAL ARTS DEPARTMENT
PARK IMPACT FEE APPLICATION**

Pursuant to Chapter 161.07 (G)(1) of the City's Zoning and Land Development Regulations, all persons platting or subdividing land for residential purposes or for hotel/motel purposes or who are required to obtain site plan approval for a residential, hotel or motel development shall be required to pay a park impact fee. This fee is to be used for parks (passive or active open space or recreational facilities) to meet the needs created by the development.

Is this a residential or hotel/motel development? Yes No

If YES was selected please provide the following information. In NO was selected please do not complete application.

(PRINT LEGIBLY OR TYPE)

1. Owners Name: Harchava LLC = 1915 Trust NO 1302013
2. Project Name: Fillmore Flats
3. Project Address: 1911-1915 Fillmore Street
4. Contact person: Joseph B. Kauer
5. Contact number: 954-920-5746
6. Type of unit(s): Single Family Multi-Family Hotel/Motel
7. Total number of residential and/or hotel/motel units: 27
8. Unit Fee per residential dwelling based on sq. ft.: 1101 - 1735 Sq. ft.
9. Unit Fee per hotel/motel room: \$1,250.00
10. Total Park Impact Fee: #59,125.00 Date: 4/20/18

The Park Impact Fee shall be paid in full prior to issuance of a building permit unless the project is to be completed in phases. This application provides an approximate Park Impact Fee however the final Park Impact Fee will be calculated and paid at time of building permit request.

This application (if applicable) should be submitted to the Technical Advisory Committee to obtain Parks, Recreation and Cultural Arts Department approval.

Please contact David Vazquez, Department of Parks, Recreation and Cultural Arts at 954.921.3404 or dvazquez@hollywoodfl.org should there be any questions.

25 @ 2175⁰⁰
2 @ 2375⁰⁰



The School Board of Broward County, Florida
PRELIMINARY SCHOOL CAPACITY AVAILABILITY DETERMINATION

SITE PLAN

SBBC-2441-2018

County Number: Municipality Number: TBD
Fillmore Flats

May 16, 2018



Growth Management
Facility Planning and Real Estate Department
600 SE 3rd Avenue, 8th Floor
Fort Lauderdale, Florida 33301
Tel: (754) 321-2177 Fax: (754) 321-2179
www.browardschools.com

**PRELIMINARY SCHOOL CAPACITY AVAILABILITY DETERMINATION
SITE PLAN**

PROJECT INFORMATION		NUMBER & TYPE OF PROPOSED UNITS		OTHER PROPOSED USES		STUDENT IMPACT	
Date:	May 16, 2018 3:28:18	Single-Family:				Elementary:	1
Name:	Fillmore Flats	Townhouse:				Middle:	0
SBBC Project Number:	SBBC-2441-2018	Garden Apartments:				High:	1
County Project Number:		Mid-Rise:	27			Total:	2
Municipality Project Number:	TBD	High-Rise:					
Owner/Developer:	Harchava LLC	Mobile Home:					
Jurisdiction:	Hollywood	Total:	27				

SHORT RANGE - 5-YEAR IMPACT

Currently Assigned Schools	Gross Capacity	LOS Capacity	Benchmark Enrollment	Over/Under LOS	Classroom Equivalent Needed to Meet LOS	% of Gross Capacity	Cumulative Reserved Seats
Dania	623	623	501	-122	-6	80.4%	2
Olsen	1,125	1,125	656	-469	-21	58.3%	0
South Broward	2,289	2,289	2,326	37	2	101.6%	0
Hollywood Hills	2,667	2,667	1,990	-677	-27	74.6%	13

Currently Assigned Schools	Adjusted Benchmark	Over/Under LOS-Adj. Benchmark Enrollment	% Gross Cap. Adj. Benchmark	Projected Enrollment				
				18/19	19/20	20/21	21/22	22/23
Dania	503	-120	80.7%	515	516	517	518	519
Olsen	656	-469	58.3%	657	644	632	619	607
Hollywood Hills	2,003	-664	75.1%	1,959	1,953	1,947	1,941	1,935
South Broward	2,326	37	101.6%	2,291	2,274	2,245	2,259	2,298

Students generated are based on the student generation rates contained in the currently adopted Broward County Land Development Code. Information contained herein is current as of the date of review. A traditional cohort survival methodology is used to project school-by-school District traditional school enrollment out over the next five years, and a proportional share of charter school enrollment is used to project future charter school enrollment by school level Districtwide. For more information: <http://www.broward.k12.fl.us/dsa/EnrollmentProj.shtml>. The annual benchmark enrollment is taken on the Monday following Labor Day and is used to apply individual charter school enrollment impacts against school facility review processes.

CHARTER SCHOOL INFORMATION

Charter Schools within 2-mile radius	2017-18 Contract Permanent Capacity	2017-18 Benchmark Enrollment	Over/(Under)	Projected Enrollment		
				18/19	19/20	20/21
Avant Garde Academy	750	117	-633	117	117	117
Avant Garde K-8 Broward	1,374	1,413	39	1,413	1,413	1,413
Ben Gamla Charter	625	538	-87	538	538	538
Ben Gamla Charter High School	400	255	-145	255	255	255
Ben Gamla Charter North Broward	900	115	-785	115	115	115
Ben Gamla Prep Charter School	200	217	17	217	217	217

PLANNED AND FUNDED CAPACITY ADDITIONS IN THE ADOPTED DISTRICT EDUCATIONAL FACILITIES PLAN

School(s)	Description of Improvements
Dania	There are no capacity additions scheduled in the Adopted District Educational Facilities plan that will modify the reflected FISH capacity of the school.
Olsen	There are no capacity additions scheduled in the Adopted District Educational Facilities plan that will modify the reflected FISH capacity of the school.
Hollywood Hills	There are no capacity additions scheduled in the Adopted District Educational Facilities plan that will modify the reflected FISH capacity of the school.
South Broward	There are no capacity additions scheduled in the Adopted District Educational Facilities plan that will modify the reflected FISH capacity of the school.

Students generated are based on the student generation rates contained in the currently adopted Broward County Land Development Code. Information contained herein is current as of the date of review. A traditional cohort survival methodology is used to project school-by-school District traditional school enrollment out over the next five years, and a proportional share of charter school enrollment is used to project future charter school enrollment by school level Districtwide. For more information: <http://www.broward.k12.fl.us/dsa/EnrollmentProj.shtml>. The benchmark enrollment count taken on the first Monday following Labor Day is used to apply individual charter school enrollment impacts against school facility review processes.

Comments

According to the application, there are no existing units on the site. The application proposes 27 (two or more bedroom) mid-rise units, which is anticipated to generate 2 (1 elementary and 1 high school) students.

The school Concurrency Service Areas (CSA) serving the project site in the 2017/18 school year include Dania Elementary, Olsen Middle, and South Broward High Schools. Based on the Public School Concurrency Planning Document (PSCPD), the elementary and middle schools are currently operating below the adopted Level of Service (LOS) of 100% gross capacity while South Broward High School exceeds the LOS. It should be noted that based on the current student generation rates in the Broward County Land Development Code, the project is not anticipated to generate students at the middle school level. The LOS is 100% gross capacity only until the end of the 2018/19 school year and commencing the 2019/20 school year, the LOS transitions to 110% permanent Florida Inventory of School Houses (FISH) capacity. Incorporating the cumulative students anticipated from this project and approved and vested developments anticipated to be built within the next three years (2017/18-2019/20), the elementary and middle schools are projected to operate below the adopted LOS through 2019/20, but South Broward High School is expected to exceed the LOS until the LOS transitions to 110% permanent capacity in the 2019/20 school year.

The Capacity Allocation Team (CAT) convened on May 16, 2018 and determined that the needed high school student station could be allocated to Hollywood Hills High School, which is immediately adjacent to South Broward High School and projected to operate within the adopted LOS through the 2019/20 school year. It should be noted that FISH capacity for the impacted schools reflect compliance with the class size constitutional amendment.

Additionally in the 2017/18 school year, the charter schools located within a two-mile radius of the site and their associated data are depicted above. Students returning, attending or anticipated to attend charter schools are factored into the five-year student enrollment projections for District schools. Enrollment projections are adjusted for all elementary, middle and high schools impacted by a charter school until the charter school reaches full enrollment status.

To ensure maximum utilization of the impacted CSAs, the Board may utilize other options such as school boundary changes to accommodate students generated from developments in the County.

Capital Improvements scheduled in the currently Adopted District Educational Facilities Plan (DEFP), Fiscal Years 2017/18 to 2021/22 regarding pertinent impacted schools are depicted above.

Therefore, this application is determined to satisfy public school concurrency on the basis that adequate school capacity is anticipated to be available to support the residential development as currently proposed by the applicant. This preliminary determination shall be valid until the end of the current 2017/18 school year or 180 days, whichever is greater, for a maximum of 27 (two or more bedroom) mid-rise units and conditioned upon final approval by the applicable governmental body. As such, this preliminary determination will expire on November 13, 2018. This preliminary school concurrency determination shall be deemed to be void unless prior to the referenced expiration of the Preliminary School Capacity Availability Determination (SCAD), notification of final approval to the District has been provided and/or an extension of this Preliminary SCAD has been requested in writing and granted by the School District. Upon the District's receipt of sufficient evidence of final approval which shall specify at the minimum the number, type and bedroom mix for the approved residential units, the District will issue and provide a final SCAD letter for the approved units, which shall ratify and commence the vesting period for the approved residential project.

Please be advised that if a change is proposed to the development, which increases the number of students generated by the project, the additional students will not be considered vested for public school concurrency.

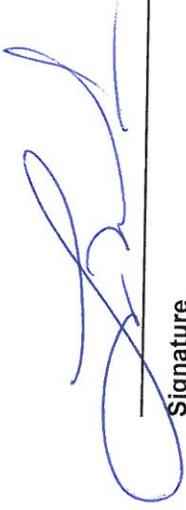
SBBC-2441-2018 Meets Public School Concurrency Requirements

Yes No

Reviewed By:

5-16-18

Date



Signature

Lisa Wight

Name

Planner

Title

Hydrant Flow Test Procedure

Procedure For One & Two Flow Hydrant Test:

- Establish hydrants closest to location and associated water main(s).
- Static/Residual hydrant (P) should be located close to location (preferably off same main as to provide future water source).
- Flow hydrant(s) (F) should be located off same main up and down stream from mid-point test (static/residual) hydrant.
- Note static system pressure off P hydrant before opening any other (note any unusual or remarkable anomalies such as high demand sources, construction, etc.)
- Flow F1 hydrant and record GPM and residual off P hydrant.
- Flow F2 hydrant and record GPM and residual off P hydrant.
- Flow F1 & F2 simultaneously and record GPM separately from F1 and F2 and record P hydrant residual.

Legend:

F1 & F2 Designation shall represent first and second flowed hydrants respectively
P Designation shall represent test hydrant for static and residual distribution system pressures.

1911-1915 Fillmore St

Date: May 3, 2018	Time: 7:50am	Static Pressure -	60 PSI
Residual/Static Hydrant	Address/Location	Residual Pressures	
P - Hydrant	400 N 19 Ave	F-1 Only	F-2 Only
		58 PSI	58 PSI
		F-1& F-2 57 PSI	
Flow Hydrants	Address/Location	Flow Rate	
F-1 Hydrant (Individual)	1901 Pierce St	GPM	
		750	
F-2 Hydrant (Individual)	1901 Fillmore St	GPM	
		800	
F-1 Hydrant (Both Flowing)	1901 Pierce St	GPM	
		600	
F-2 Hydrant (Both Flowing)	1901 Fillmore St	GPM	
		600	

APENDIX D - SAMPLE FIRE FLOW ESTIMATE CHARTS

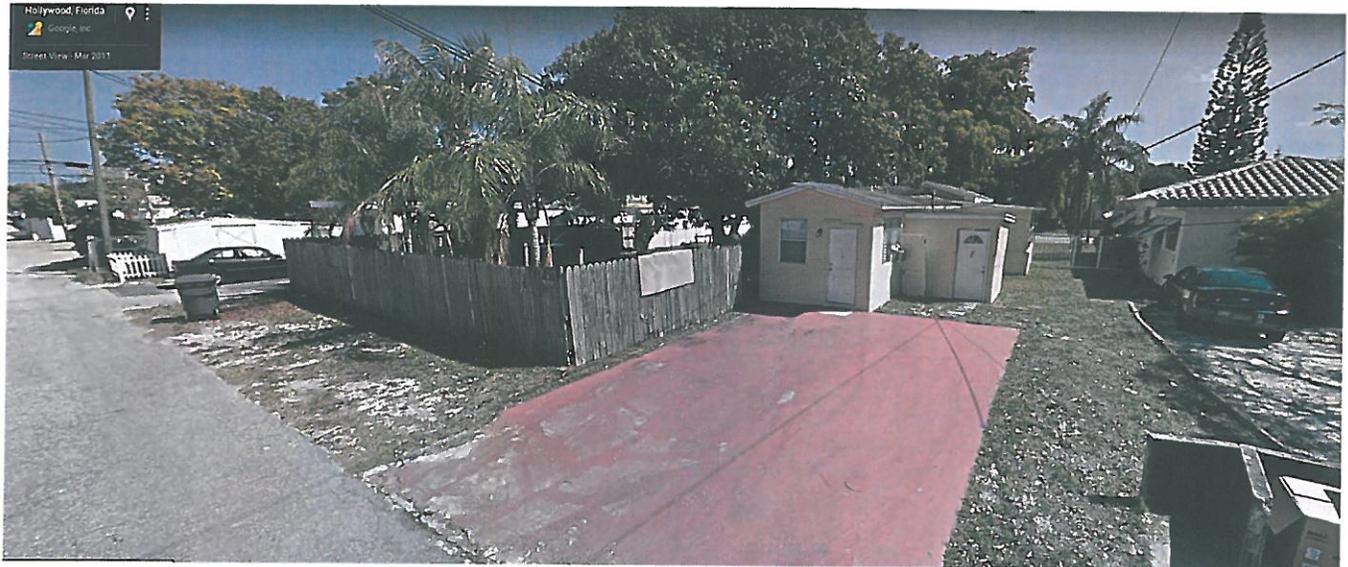
FIRE FLOW ESTIMATE						
City	City of Hollywood	State	FL	Date	5/10/18	
	Bound Block or Complex, by streets, etc:			Eng.	Charles O. Buckalew FI.PE # 24842	
	Five Stories			Previous Fire Flow No.		
	1915 Fillmore Street			Fire Flow No.		
				Phantom No.		
				Route No.		
Address (name of occupant if prominent)				Sanborn Vol.	Page	
				Type dist.		
	1915 Fillmore Street					
	Hollywood, FL 33020					
Fire Area Considered						
Types of Construction: Fire Resistive Construction						
Ground Floor Area	7,123 TOTAL		S.F.	No. of Stories	5	
Total Floor Area (if needed)	29,273 sq. Ft.					
Fire Flow From Table:	1,915					gpm (a)
Occupancy :	Normal	Add or Subtract	0	%	0	
				Sub Total	1,915	gpm (b)
Automatic Sprinklers:	Yes	Subtract	75	% x b =	1,436	
				Sub Total	479	gpm
Exposures:	Distance	Exposure				
1. Front	80 Ft.	S	Add	10	%	
2. Left	20 Ft.	W		20	%	
3. Rear	50 Ft.	N		15	%	
4. Right	20 Ft.	E		20	%	
			Total	65	%	
Notes and/or Calculations:			Use	65	%	% x b = 311
Based on Type II (200) Construction Per NFPA 184.4.1 Fire Flow Area					Total	790 gpm
Per Table 18.4.5.2.1, The Fire Flow Requirement is 500 Gpm for 2 Hours					Fire Flow Required	790 gpm
NFPA 18.4.55.3.2 States that the Fire Flow can be Reduced by 75 % if a Bldg has Automatic Sprinklers.						
PER Flow Test 1,000 Gpm is Available.						
Draw Sketch on other side if needed.						

Charles O. Buckalew

#24842



(SITE)
1915 & 1911 FILLMORE ST.



VIEW FROM ALLEY - 1915 FILLMORE ST. (SITE)



VIEW FROM ALLEY - 1911 FILLMORE ST (SITE)



432 N. 19th AVE.



1923 FILLMORE ST.



VIEW FROM ALLEY - 1901 FILLMORE ST.



1901 FILLMORE ST.



1916 FILLMORE ST.



Google

1910 FILLMORE ST.