



GENERAL APPLICATION

API	PLICATION DATE:				
Ro	00 Hollywood Blvd om 315 llywood, FL 33022		THAT APPLIES): Art in Public Places Committee Historic Preservation Board Administrative Approval	☐ Variance ☐ Special Exception	
	l: (954) 921-3471	PROPERTY INFORMATION			
	nail: Development@				
	lllywoodfl.org	Lot(s):Block	ck(s):S	Subdivision:	
<u>su</u>	BMISSION REQUIREMENTS:	Folio Number(s):			
•	One set of signed & sealed plans (i.e. Architect or Engineer)	Zoning Classification: Existing Property Use:			
One electronic <u>combined</u> PDF submission (max. 25mb)		Is the request the result of a violation of the result of a violation of the result of	to the City before? If yes, cl	heck al that apply and p	
•	Completed Application Checklist	., .,			
•	Application fee	DEVELOPMENT PROPOSAL Explanation of Request:			
		Phased Project: Yes ☐ No ☐ Num	nber of Phases:		
		Project	Proposal		
		Units/rooms (# of units)	# UNITS:	#Rooms	
<u>NC</u>	<u>)TE:</u>	Proposed Non-Residential Uses			S.F.)
•	This application must be completed in full	Open Space (% and SQ.FT.)	Required %:	(Area:	S.F.)
	and submitted with all documents to be placed	Parking (# of spaces)	PARK. SP	PACES: (#)
	on a Board or	Height (# of stories)	(# STORIES)	(FT.)
•	Committee's agenda. The applicant is	Gross Floor Area (SQ. FT)	Lot(s) Gro	oss Area (FT.)
	responsible for obtain- ing the appropriate checklist for each type of application.	Name of Current Property Owner Address of Property Owner: Em			
•	Applicant(s) or their authorized legal agent must be present at all	Applicant			
	Board or Committee meetings.	Address:			
		Email Address: Email Address #2:			
		Date of Purchase:			 1 No □
		If Yes, Attach Copy of the Contract.	o alloro all'option to purollas	and Hopolty: 100 L	, o
CL	ICK HERE FOR	Noticing Agent (FTAC & Board su	bmissions only) :		

E-mail Address:_

MEETING DATES



GENERAL APPLICATION

11/1-1-

CERTIFICATION OF COMPLIANCE WITH APPLICABLE REGULATIONS

The applicant/owner(s) signature certifies that he/she has been made aware of the criteria, regulations and guidelines applicable to the request. This information can be obtained in Room 315 of City Hall or on our website at www.hollywoodfl.org. The owner(s) further certifies that when required by applicable law, including but not limited to the City's Zoning and Land Development Regulations, they will post the site with a sign provided by the Office of Planning and Development Services. The owner(s) will photograph the sign the day of posting and submit photographs to the Office of Planning and Development Services as required by applicable law. Failure to post the sign will result in violation of State and Municipal Notification Requirements and Laws.

(I)(We) certify that (I) (we) understand and will comply with the provisions and regulations of the City's Zoning and Land Development Regulations, Design Guidelines, Design Guidelines for Historic Properties and City's Comprehensive Plan as they apply to this project. (I)(We) further certify that the above statements and drawings made on any paper or plans submitted herewith are true to the best of (my)(our) knowledge. (I)(We) understand that the application and attachments become part of the official public records of the City and are not returnable.

Signature of Current Owner:	Date:
PRINT NAME: CRUZCIELO PEREIRA	Date: 11/15/2024
Signature of Consultant/Representative:	Date: 11/15/2-+
PRINT NAME: Brandon Rocky Kaller	Date:
Signature of Tenant:	Date:
PRINT NAME:	Date:
I am the current owner of the described real property and that I am aware of the nature to my property, which is hereby made by me of the committee) relative to all matters concerning this application.	r i am nereby authorizing
	Current Owner
Notary Public My Commission Expires September 24, 2027 Print Name	ELO PEREIRA
My Commission Expires: 4/27 (Check One) Personally known to me; OR Produced Ident	ification Drive Lic # PG60-100-68-663

November 19th, 2024

Mike Kaplun

To: City of Hollywood Fl., Planning Department

This letter is to confirm that Porcupine Development and Mr. Kaplun have contracted my land at 2242 Monroe in Hollywood Florida. They are developing a multi-family building upon this land and as current owner, I am aware of their development and am in support of it as they will be closing in February given that the land is buildable. If any further confirmation is needed, please let me know, and we look forward to permitting, transferring, and finally developing the land.

Thank you,

____Docusigned by.

— 6E9B75CB0FFD4D0...
Cruzcielo Pereira

Owner Buyer



City of Hollywood 2600 Hollywood Boulevard Hollywood, Florida 33020 May 20th, 2025

Re:

2242-2246 Monroe Street Hollywood, Florida 33020 Architect's Project #23104

CRITERIA OF APPROPRIATENESS FOR DESIGN

2242-2246 Monroe Street – New Construction 4 Story Apartments

CRITERION 1: INTEGRITY OF LOCATION

The proposed New Construction 4-story Apartment Building on Monroe Street in Hollywood, Florida, has been thoughtfully sited to preserve and enhance the integrity of its location within the urban fabric of the neighborhood. The project respects the existing street grid and local zoning ordinances and aligns with the pedestrian-oriented character that defines this area of Hollywood.

Through respectful site planning and integration with the surrounding context, this development upholds the integrity of its location and contributes positively to the continued evolution of Monroe Street as a vibrant, livable neighborhood.

CRITERION 2: DESIGN

This New Construction 4-story Apartment Building brings a clean, contemporary design to Monroe Street, offering 27 spacious rental units tailored for modern living. The architecture features minimalist lines, natural materials, and a light palette that complements the subtropical South Florida environment.

Amenities include a rooftop pool deck with scenic views, a roof-floor fitness gym, and landscaped outdoor areas for cornhole and putting green—promoting both wellness and recreation. Florida-Native landscaping and shaded walkways enhance the building's connection to the neighborhood and climate. Blending modern aesthetics with functional design, the project supports a vibrant, active lifestyle while respecting the scale and character of its surroundings.

CRITERION 3: SETTING

The apartment building is thoughtfully situated along Monroe Street in Hollywood, Florida, a walkable, residential corridor with close proximity to downtown, public transit, parks, and beaches. The setting offers an ideal blend of urban access and neighborhood charm, making it well-suited for a multi-family development that encourages an active, connected lifestyle. Surrounded by a mix of low- and mid-rise buildings, the project respects the existing scale while introducing a fresh, contemporary presence. Florida-Native landscaping, shaded pathways, and open green spaces enhance the subtropical character of the site and foster a seamless transition between the building and its surrounding environment.

CRITERION 4: MATERIALS

The building features a clean, white façade that reflects the bright, sunlit character of South Florida, creating a crisp and modern appearance. Accents of light and dark grey tones add depth and contrast to the overall composition, emphasizing the building's contemporary form. Strategic splashes of orange paint introduce warmth and vibrancy, creating focal points that energize the design without overwhelming it. Together, these materials form a balanced and dynamic palette that complements the subtropical setting while expressing a bold, modern identity.

CRITERION 5: ASSOCIATION

The new apartment building is designed to integrate seamlessly with the surrounding urban and residential context of Monroe Street in Hollywood, Florida. While contemporary in style, its scale, massing, and site orientation are carefully considered to align with neighboring structures and maintain the cohesive rhythm of the street. The use of complementary materials and landscaping reinforces a visual and experiential connection with the existing environment, allowing the building to stand out as a modern addition while respecting the established character of the neighborhood.

CRITERION 6: WORKMANSHIP

The workmanship on the proposed new construction will be a guarantee that all State and Local regulations are to be upheld. Proper barricading will be provided during the demolition of the existing structure and new construction work. All practices will meet or exceed requirements of

the Florida Building Code 2020, 8th edition and the State of Florida Department of Environmental Protection.

Should you have any questions, please feel free to contact this office.

Sincerely,



Mitchell Fraiman | NCARB, AIA | Architectural Associate 2417 Hollywood Blvd Hollywood, FL t. 954 920 5746 e. mfraiman@kallerarchitects.com w. Kallerarchitects.com







JOHN IBARRA & ASSOCIATES, INC.

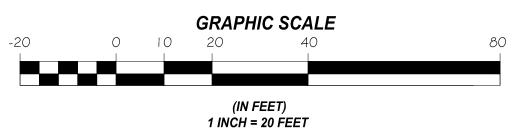
Professional Land Surveyors & Mappers

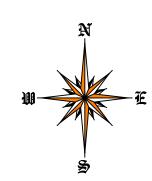
777 N.W. 72nd AVENUE SUITE 3025 MIAMI, FLORIDA 33126 PH: (305) 262-0400 FAX: (305) 262-0401

3725 DEL PRADO BLVD. S. SUITE B CAPE CORAL, FL 33904 PH: (239) 540-2660 FAX: (239) 540-2664

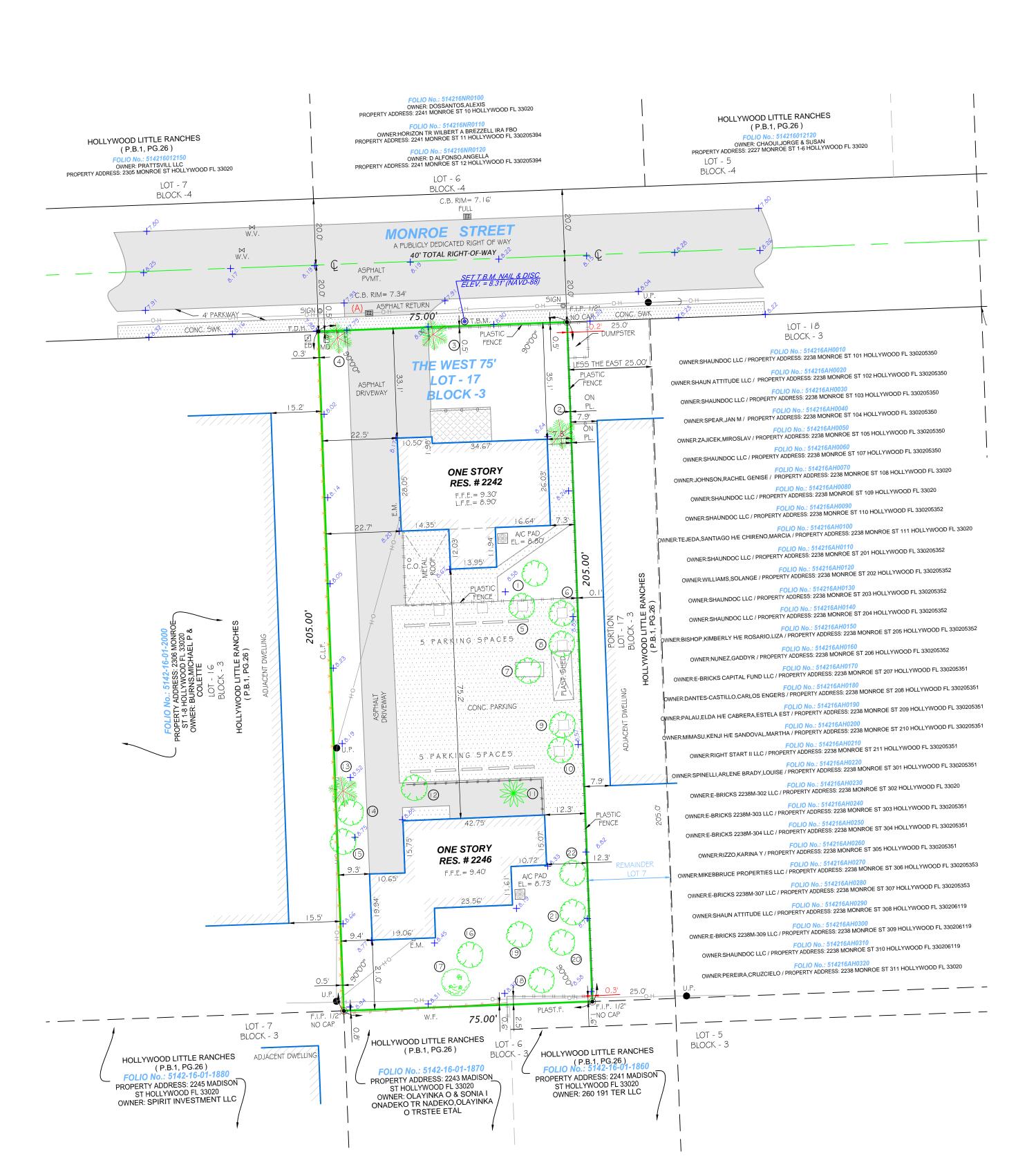


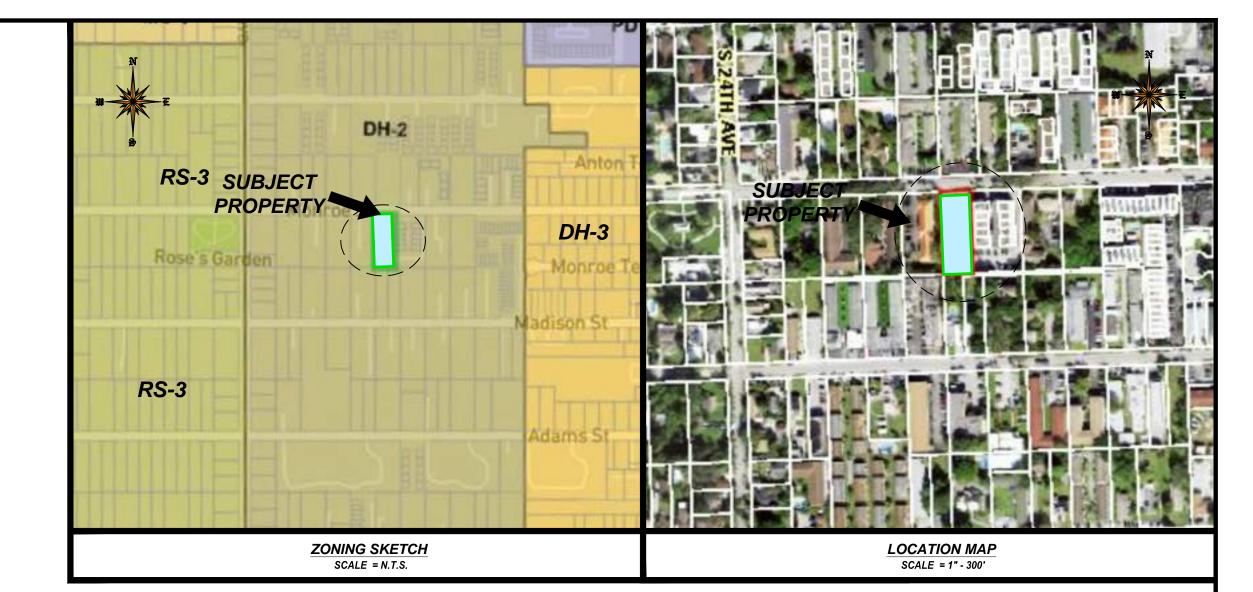
ALTA/NSPS Land Title Survey





TREE TABLE





A/C = AIR CONDITIONER PAD = ANCHOR EASEMEN A.R. = ALUMINUM ROOF

ABBREVIATIONS

= ALUMINUM SHED ASPH. = ASPHALT B.C. = BLOCK CORNER BLDG. = BUILDING B.M. = BENCH MARK

B.C.R. = BROWARD COUNTY RECORDS B.O.B. = BASIS OF BEARING
B.S.L. = BUILDING SETBACK LINE = CALCULATED = CATCH BASIN

C.B.S. = CONCRETE BLOCK STRUCTURE C.B.W. = CONCRETE BLOCK WALL CH.B. = CHORD BEARING
CH.L. = CHORD LENGTH

CL. = CLEAR C.O. = CLEAN OUT C.L.F. = CHAIN LINK FENCE C.M.E = CANAL MAINTENANCE EASEMENT CONC. = CONCRETE
C.U.P. = CONCRETE UTILITY POLE
C.P. = CONCRETE PORCH
C.S. = CONCRETE SLAB

C.W. = CONCRETE WALK D.M.E. = DRAINAGE MAINTENANCE EASEMEN

EB = ELECTRIC BOX
E.T.P. = ELECTRIC TRANSFORMER PAD ELEV. = ELEVATION
ENCR. = ENCROACHMENT
F.H. = FIRE HYDRANT

F.I.P. = FOUND IRON PIPE F.I.R. = FOUND IRON ROD F.F.E. = FINISHED FLOOR ELEVATION F.N.D. = FOUND NAIL & DISKFNIP. = FEDERAL NATIONAL INSURANCE PRO

F.N. = FOUND NAIL H. = HIGH OR (HEIGHT) IN.&EG. = INGRESS AND EGRESS EASEMEN = IRON FENCE = LIGHT POLE L.F.E. = LOWEST FLOOR ELEVATION

L.M.E. = LAKE MAINTENANCE EASEMEN M.B. = MAIL BOXC.R.= MIAMI DADE CO M.E. = MAINTENANCE EASEMENT

M.H. = MANHOLE N.A.P. = NOT A PART OF NGVD = NATIONAL GEODETIC VERTICAL DATUM N.T.S. = NOT TO SCALE # or NO. = NUMBER O/S = OFFSET O.H. = OVERHEAD O.H.L. = OVERHEAD UTILITY LINES O.R.B. = OFFICIAL RECORDS BOOK

= PLANTER = PROPERTY LINE P.C.C. = POINT OF COMPOUND CURVATURE
P.C. = POINT OF CURVATURE

P.O.T. = POINT OF TANGENCY
P.O.C. = POINT OF COMMENCEMENT P.O.B. = POINT OF BEGINNING P.R.C. = POINT OF REVERSE CURVATURE

P.R.M. = PERMANENT REFERENCE MONUMENT P.L.S. = PROFESSIONAL LAND SURVEYOR P.P. = POWER POLE P.P.S. = POOL PUMP SLAB P.U.E. = PUBLIC UTILITY EASEMENT
(R) = RECORD DISTANCE R.R. = RAIL ROAD RES. = RESIDENCE R/W = RIGHT-OF-WAY

RAD. = RADIUS OR RADIAL RGE. = RANGE R.O.E. = ROOF OVERHANG EASEMEN SEC. = SECTION STY. = STORY SWK. = SIDEWALK S.I.P. = SET IRON PIPE S = SOUTH S.P. = SCREENED PORCH = SEWER VALVE

= TELEPHONE BOOTH T.B.M. = TEMPORARY BENCHMARK
T.U.E. = TECHNOLOGY UTILITY EASE TSB = TRAFFIC SIGNAL BOX T.S.P. = TRAFFIC SIGNAL POLE TWP = TOWNSHIP
UTIL. = UTILITY
U.E. = UTILITY EASEMENT

U.P. = UTILITY POLE W.M. = WATER METER

W.F. = WOOD FENCE W.P. = WOOD PORCH

W.R. = WOOD ROOF W.V. = WATER VALVE

= MONUMENT LINE = CENTER LINE = DELTA

SURVEYOR'S CERTIFICATE:

1A. THE POSITIONAL UNCERTAINTIES RESULTING FROM THE SURVEY MEASUREMENTS MADE ON THE SURVEY DO NOT EXCEED THE ALLOWABLE POSITIONAL TOLERANCE;

1B. THE SURVEY MEASUREMENTS WERE MADE IN ACCORDANCE WITH THE "MINIMUM ANGLE, DISTANCE AND CLOSURE REQUIREMENTS FOR SURVEYS MEASUREMENTS WHICH CONTROL LAND BOUNDARIES FOR ALTA/NSPS LAND TITLE SURVEYS:" OR 1C. PROPER FIELD PROCEDURES, INSTRUMENTATION AND ADEQUATE SURVEY PERSONNEL WERE EMPLOYED IN

ORDER TO ACHIEVE RESULTS COMPARABLE TO THOSE OUTLINED IN THE "MINIMUM ANGLE, DISTANCE AND CLOSURE REQUIREMENTS FOR SURVEY MEASUREMENTS WHICH CONTROL LAND BOUNDARIES FOR ALTA/NSPS

ADDRESS(ES) OF THE SURVEYED PROPERTY :2242 - 2246 MONROE STREET HOLLYWOOD FLORIDA 33020 THE PROPERTY HAS DIRECT PEDESTRIAN ACCESS AND VEHICULAR ACCESS TO AND FROM PUBLICLY USED AND MAINTAINED STREETS OR HIGHWAYS KNOWN AS ACCESS TO AND FROM PUBLICLY USED AND MAINTAINED STREETS OR HIGHWAYS KNOWN AS MONROE STREET

BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY; THE PROPERTY LIES WITHIN ZONE "AH" OF THE FLOOD INSURANCE RATE MAP IDENTIFIED AS COMMUNITY NO. 125113 PANEL NO. 0569, SUFFIX "J", AND HAVING A BASE FLOOD OF 9 FEET, BEARING AN EFFECTIVE DATE OF 07/31/2024.

THE PROPERTY DESCRIBED ON THIS SURVEY DOES LIE WITHIN A SPECIAL FLOOD HAZARD AREA AS DEFINED

THE LAND AREA OF THE SUBJECT PROPERTY IS IN TOTAL \pm 15,375 SQUARE FEET OR \pm 0.352 ACRES AS DESCRIBED IN THE LEGAL DESCRIPTION. 5. ELEVATIONS ARE REFERRED TO CITY OF HOLLYWOOD BENCHMARK BM 1896, ELEVATION 9.332 FEET OF

6. THE LOCATION OF THE SUBJECT PROPERTY IS IN ZONE DH-2, DIXIE HIGHWAY MEDIUM INTENSITY MULTI-FAMILY DISTRIC. SETBACKS ARE AS PER CITY OF HOLLYWOOD:

ZONED SETBACKS MUST BE CHECKED WITH THE CITY OF HOLLYWOOD BUILDING DEPARTMENT PRIOR TO ANY CONSTRUCTION OR DESIGN WORK

SIDE (INTERIOR) = 10 FEET (PLATTED AND RECORDED LOTS OF 50 FT. OR LESS IN WIDTH MAY HAVE A 5 FT.

THE TOTAL BUILDING AREA (BASED UPON EXTERIOR FOOTPRINT OF BUILDING ON GROUND SURFACE, NOT INTERIOR USABLE FLOOR SPACE) IN SQUARE FEET. RES # 2242= 1362 85 SQUARE FEET

FLOOR ELEVATION OF EXISTING BUILDING IN FEET.

RES.# 2242= 9.73 FEET. RES.# 2246= 9.84 FEET.

RELATIVE TO A NEARBY BOUNDARY. NOT APPLICABLE

THE HIGHEST PART OF ROOF HAS AN ELEVATION IN FEET N.A.V.D. 1988. RES.# 2242= 21.15 FEET. RES.# 2246= 20.84 FEET.

SUBSTANTIAL FEATURES OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK (IN ADDITION TO THE IMPROVEMENTS AND FEATURES REQUIRED PURSUANT TO SECTION 5 ABOVE) (E.G., PARKING LOTS, BILLBOARDS, SIGNS, SWIMMING POOLS, LANDSCAPED AREAS, SUBSTANTIAL AREAS OF REFUSE). SHOWN ON THE SURVEY.

THERE ARE 5 REGULAR PARKING SPACES AND 0 MARKED HANDICAPPED PARKING SPACES ON THE SUBJECT

10. NO PARTY OR COMMON WALLS WERE OBSERVED ALONG THE PROPERTY LINES.

11 THE SUBJECT PROPERTY DOES SERVE ADJOINING PROPERTY FOR VISIBLE SUBSURFACE DRAINAGE STRUCTURES. VISIBLE WATER COURSES. UTILITIES. STRUCTURAL SUPPORT OR INGRESS & EGRESS. MUNICIPAL WATER, MUNICIPAL STORM SEWER AND MUNICIPAL SANITARY FACILITIES, TELEPHONE, AND ELECTRIC SERVICES OF PUBLIC UTILITIES ARE AVAILABLE AT THE BOUNDARY OF THE PROPERTY IN THE LOCATIONS AS

12. AS SPECIFIED BY THE CLIENT, GOVERNMENTAL AGENCY SURVEY-RELATED REQUIREMENTS (E.G., HUD SURVEYS, SURVEYS FOR LEASES ON BUREAU OF LAND MANAGEMENT MANAGED LANDS). THE RELEVANT SURVEY REQUIREMENTS ARE TO BE PROVIDED BY THE CLIENT OR CLIENT'S DESIGNATED REPRESENTATIVE.

13. NAMES OF ADJOINING OWNERS ACCORDING TO CURRENT TAX RECORDS. SHOWN ON THE SURVEY.

14. AS SPECIFIED BY THE CLIENT, DISTANCE TO THE NEAREST INTERSECTING STREET.SHOWN ON THE SURVEY. 15. RECTIFIED ORTHOPHOTOGRAPHY, PHOTOGRAMMETRIC MAPPING, REMOTE SENSING, AIRBORNE/MOBILE LASER SCANNING AND OTHER SIMILAR PRODUCTS, TOOLS OR TECHNOLOGIES AS THE BASIS FOR SHOWING THE

LOCATION OF CERTAIN FEATURES (EXCLUDING BOUNDARIES) WHERE GROUND MEASUREMENTS ARE NOT

OTHERWISE NECESSARY TO LOCATE THOSE FEATURES TO AN APPROPRIATE AND ACCEPTABLE ACCURACY

16. THERE IS NO VISIBLE OBSERVED EVIDENCE OF CURRENT EARTH MOVING WORK, BUILDING CONSTRUCTION

17. THERE IS NO VISIBLE OBSERVED EVIDENCE OF SITE USE AS A SOLID WASTE DUMP, SUMP OR SANITARY

ATTORNEYS' TITLE FUND SERVICES, INC. 2242 - 2246 MONROE STREET HOLLYWOOD, FLORIDA 33020

BASED UPON REPORT AGENT'S FILE REFERENCE: 2242 MONROE STREET

REPORT NUMBER 1566130,

OF ATTORNEYS' TITLE FUND SERVICES, INC.,

EFFECTIVE DATES: FROM JANUARY 1, 1900 AT 11:00AM

SURVEYOR'S CERTIFICATION

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL

TO: ATTORNEYS' TITLE FUND SERVICES, INC., TRAYBER LAW GROUP PA , ITS SUCCESSOR AND/OR ASSIGNS, AS THEIR RESPECTIVE INTERESTS MAY APPEAR:

PROFESSIONAL LAND SURVEYOR NO.: 5204 STATE OF FLORIDA (NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA

REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS." JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS. AND INCLUDES ITEMS

1,2,3,4,5,7(A),7(B-1),8,9,13,16,19, OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON AUGUST 01, 2024:

(DATE OF SURVEY)

LICENSED SURVEYOR AND MAPPER).

TO SEPTEMBER 4, 2024 AT 11:00 PM

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF BROWARD, STATE OF FLORIDA, AND IS DESCRIBED AS FOLLOWS: THE WEST 75 FEET OF LOT 17, BLOCK 3, HOLLYWOOD LITTLE RANCHES,

ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 26,

OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA. A/K/A LOT 17 LESS THE EAST 25 FEET THEREOF, BLOCK 3, HOLLYWOOD LITTLE RANCHES, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK PAGE 26. OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

OWNERSHIP AND ENCUMBRANCE PROPERTY INFORMATION

THAT I HAVE REVIEWED THE REPORT AND ALL ITEMS ARE SHOWN ON THE SURVEY. THE ITEMS SHOWN HERE FORTH ARE PER ENCUMBRANCES OF ATTORNEYS' TITLE FUND SERVICES, INC., REPORT NUMBER 1566130, AGENT'S FILE REFERENCE: 2242 MONROE STREEET, EFFECTIVE DATES: FROM JANUARY 1, 1900 AT 11:00AM TO SEPTEMBER 4, 2024 AT 11:00 PM

FINAL JUDGMENT RECORDED IN INSTRUMENT NUMBER 114159354, RELATED TO QUIET TITLE, WARRANTY DEED RECORDED IN INSTRUMENT 115117222, PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA. DOES AFFECT THE PROPERTY. ITEM IS BLANKET IN NATURE.

MORTGAGE TO MORTGAGE ELECTRONIC REGISTRATION SYSTEMS, INC. QUICKEN LOANS C., MORTGAGEE(S), RECORDED IN INSTRUMENT NUMBER 116449676, ASSIGNMENT OF MORTGAGE RECORDED IN INSTRUMENT NUMBER 117930976, MORTGAGE MODIFICATION AGREEMENT RECORDED IN INSTRUMENT NUMBER 118059965. PUBLIC RECORDS OF BROWARD

3. SUBORDINATE MORTGAGE TO SECRETARY OF HOUSING AND URBAN DEVELOPMENT, MORTGAGEE(S), RECORDED IN INSTRUMENT NUMBER 118059964, PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA. DOES AFFECT THE PROPERTY. ITEM IS BLANKET IN NATURE.

COUNTY, FLORIDA, DOES AFFECT THE PROPERTY, ITEM IS BLANKET IN NATURE.

LEGEND

-----O-H = OVERHEAD UTILITY LINES = CONCRETE BLOCK WALL XXXXX = CHAIN LINK FENCE $\frac{0}{0}$ 0 0 = IRON FENCE ## ## # = WOOD FENCE - = BUILDING SETBACK LINE --- = UTILITY EASEMENT _______ = NON-VEHICULAR ACCESS R/W $\times 0.00$ = EXISTING ELEVATIONS

Project Address: 2242 - 2246 MONROE STREET HOLLYWOOD, FLORIDA 33020

Project Location: BROWARD COUNTY SECTION 16, TOWNSHIP 51 SOUTH, RANGE 42 EAST

Folio No.: 51-42-1601-2010

DRAWN BY: LK

Job Number: 24-001006-1

777 N.W. 72nd AVENUE SUITE3025 MIAMI, FLORIDA 33126 TELEPHONE: (305) 262-0400 FAX (305) 262-0401 www.ibarralandsurveyors.com

Iohn Ibarra And Assoc., Inc. LAND SURVEYORS

HEREBY CERTIFY: THIS "ALTA/NSPS SURVEY" OF THE PROPERTY DESCRIBED HEREON, HAS RECENTLY BEEN SURVEYED AND DRAWN UNDER MY SUPERVISION, AND COMPLIES WITH THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 5J-17, FLORIDA

DMINISTRATIVE CODE PURSUANT TO 472.027, FLORIDA STATUTES.

OWNER

MIKE KAPLUN UNICONTE LLC 1028 W LELAND AVE., CHICAGO IL 60640 (312) 927-9724 | KAPLUN@UNICONTE.COM

ARCHITECT

JOSEPH KALLER

AA#26001212 2417 Hollywood Blvd. Hollywood Florida 33020 954.920.5746 joseph@kallerarchitects.com

www.kallerarchitects.com

CITY OF HOLLYWOOD MEETING DATES		
PACO	SEPTEMBER 3RD, 2024	
PRELIMINARY TAC	OCTOBER 7TH, 2024	
FINAL TAC	DECEMBER 2ND, 2024	
SIGN OFF	TBD	

SITE MAP



APPLICABLE CODES



PLANS ARE DESIGNED IN COMPLIANCE WITH THE FOLLOWING CODE REFERENCES:

BUILDING: FLORIDA BUILDING CODE RESIDENTIAL FLORIDA BUILDING CODE MECHANICAL MECHANICAL: **2023, 8TH EDITION ELECTRICAL:** NFPA 70 (NEC) 2020 EDITION FLORIDA BUILDING CODE PLUMBING **2023, 8TH EDITION** LIFE SAFETY: **2021 EDITION** FLORIDA FIRE PREVENTION CODE **8TH EDITION** FIRE CODE: 2021 EDITION **2023, 8TH EDITION** FLORIDA BUILDING CODE ACCESSIBILITY FAIR HOUSING ACT DESIGN MANUAL 1998 EDITION

Note: Submitted plans are in compliance with Classification of Hazard of Content per NFPA 101



Kaller Architecture

2417 Hollywood Blvd. Hollywood Florida 33020

MULTI-FAMILY APARTMENTS

2242-2246 MONROE STREET, HOLLYWOOD, FL 33020



2242-2246 MONROE ST HOLLYWOOD, FL 33	3020		
<u>OLIO</u>			
514216012010			
EGAL DESCRIPTION			
THE LAND REFERRED TO HEREIN BELOW IS DESCRIBED AS FOLLOWS:	S SITUATED IN THE COUNTY OF BROWAR	RD, STATE OF FLORIDA, AND IS	
THE WEST 75 FEET OF LOT 17, BLOCK 3, HO	,	,	
RECORDED IN PLAT BOOK 1, PAGE 26, OF 1	THE PUBLIC RECORDS OF BROWARD CO	UNTY, FLORIDA.	
A/K/A LOT 17 LESS THE EAST 25 FEET THEREOF, BLOCK 3, HOLLYWOOD LITTLE RANCHES, ACCORDING TO THE PLAT			
• •	· · · · · · · · · · · · · · · · · · ·	,	
THEREOF, AS RECORDED IN PLAT BOOK 1,	· · · · · · · · · · · · · · · · · · ·	,	
• •	· · · · · · · · · · · · · · · · · · ·	,	
THEREOF, AS RECORDED IN PLAT BOOK 1,	PAGE 26, OF THE PUBLIC RECORDS OF	BROWARD COUNTY, FL	
THEREOF, AS RECORDED IN PLAT BOOK 1, SITE INFORMATION	PAGE 26, OF THE PUBLIC RECORDS OF EXISTING	BROWARD COUNTY, FL PROPOSED	
THEREOF, AS RECORDED IN PLAT BOOK 1, SITE INFORMATION ZONING:	PAGE 26, OF THE PUBLIC RECORDS OF EXISTING (RAC) DH-2	BROWARD COUNTY, FL PROPOSED N/A	
THEREOF, AS RECORDED IN PLAT BOOK 1, SITE INFORMATION ZONING: SUB-DISTRICT: BUILDING USE:	PAGE 26, OF THE PUBLIC RECORDS OF EXISTING (RAC) DH-2 N/A	BROWARD COUNTY, FL PROPOSED N/A N/A	
THEREOF, AS RECORDED IN PLAT BOOK 1, SITE INFORMATION ZONING: SUB-DISTRICT:	PAGE 26, OF THE PUBLIC RECORDS OF EXISTING (RAC) DH-2 N/A MULTIFAMILY DWELLING	BROWARD COUNTY, FL PROPOSED N/A N/A MULTIFAMILY DWELLING	
THEREOF, AS RECORDED IN PLAT BOOK 1, SITE INFORMATION ZONING: SUB-DISTRICT: BUILDING USE: LAND USE DESIGNATION: COUNTY USE DESIGNATION:	PAGE 26, OF THE PUBLIC RECORDS OF EXISTING (RAC) DH-2 N/A MULTIFAMILY DWELLING RESIDENTIAL RESIDENTIAL	BROWARD COUNTY, FL PROPOSED N/A N/A MULTIFAMILY DWELLING RESIDENTIAL	
THEREOF, AS RECORDED IN PLAT BOOK 1, SITE INFORMATION ZONING: SUB-DISTRICT: BUILDING USE: LAND USE DESIGNATION: COUNTY USE DESIGNATION: NET LOT AREA:	PAGE 26, OF THE PUBLIC RECORDS OF EXISTING (RAC) DH-2 N/A MULTIFAMILY DWELLING RESIDENTIAL RESIDENTIAL 15,375 SQFT- 0.35 ACRES	BROWARD COUNTY, FL PROPOSED N/A N/A MULTIFAMILY DWELLING RESIDENTIAL N/A	
THEREOF, AS RECORDED IN PLAT BOOK 1, SITE INFORMATION ZONING: SUB-DISTRICT: BUILDING USE: LAND USE DESIGNATION: COUNTY USE DESIGNATION: NET LOT AREA: GROSS LOT AREA:	PAGE 26, OF THE PUBLIC RECORDS OF EXISTING (RAC) DH-2 N/A MULTIFAMILY DWELLING RESIDENTIAL RESIDENTIAL 15,375 SQFT- 0.35 ACRES 16,887 SQFT- 0.36 ACRES	PROPOSED N/A N/A MULTIFAMILY DWELLING RESIDENTIAL N/A N/A	
THEREOF, AS RECORDED IN PLAT BOOK 1, SITE INFORMATION ZONING: SUB-DISTRICT: BUILDING USE: LAND USE DESIGNATION: COUNTY USE DESIGNATION: NET LOT AREA:	PAGE 26, OF THE PUBLIC RECORDS OF EXISTING (RAC) DH-2 N/A MULTIFAMILY DWELLING RESIDENTIAL RESIDENTIAL 15,375 SQFT- 0.35 ACRES	PROPOSED N/A N/A MULTIFAMILY DWELLING RESIDENTIAL N/A N/A	

1 BED / 1 BATH		23
2 BED / 2 BATH		3
3 BED / 2 BATH		1
TOTAL		= 27 UNITS
RKING CALCULATION:	REQUIRED	PROVIDED
MIN REQ. PER UNIT (1) PARKING SPACE PI UNITS EXCEEDING ONE BED, INCLUDING DI EACH CAR LIFT PROPOSED IS PER UNIT		
ONE - BEDROOM (23)	1 SPACE x 23 = 23	23 SPACES
TWO - BEDROOM (3)	1.5 SPACE x 3 =4.5	6 SPACES (3 CAR LIFT
THREE - BEDROOM (1)	1.5 SPACE x 1 =1.5	2 SPACES (1 CAR LIFT
GUESTS : 1 SPACE PER EVERY 10	27 UNITS/10 = 3	3 SPACES
TOTAL	= 32 SPACES	= 34 SPACES
ADA:		
HANDICAPPED SPACE	2	2
LOADING:		
RESIDENTIAL 1 FOR (50-100 UNITS)	NOT REQ. LESS THAN 50 UNITS	0 SPACE
,		

<u>PROVIDED</u>

UNIT TYPE:

BUILDING INTENSITY	<u>ALLOWED</u>	PROVIDED
LOT COVERAGE	N/A	N/A
FAR:	1.75 (26,927 SF)	1.75(26,849.86 SF)
A/C AREA:	N/A	24,507 SF
BUILDING FOOT PRINT	N/A	7,387 SF (DECKS NOT INCLUDED)
PROPOSED NO. OF UNITS:	UNLIMITED	27 UNITS
NUMBER OF FLOORS	N/A	4
BUILDING HEIGHT	45 FEET	45 FEET
CONSTRUCTION TYPE:		TYPE IIIB
SETBACKS:	REQUIRED	PROVIDED
(a) FRONTAGE (MONROE) (NORTH)	15'-0"	15'-0"
(b) SIDE INTERIOR (EAST)	10'-0"	10'-0"
(c) SIDE INTERIOR (WEST)	10'-0"	10'-0"
(d) REAR (SOUTH)	20'-0"	22'-6"
AT-GRADE PARKING LOT AND VEHIC	CULAR USE AREAS SETBACK	(REQUIREMENTS
(a) FRONTAGE (MONROE) (NORTH)	19'-0"(QUEING)	19'-0"(QUEING)
(b) SIDE INTERIOR (EAST)	5'-0"	10-6"
(c) SIDE INTERIOR (WEST)	5'-0"	6'-4"
(d) REAR (SOUTH)	5'-0"	5'-6"
<u>LANDSCAPE</u>	REQUIRED	PROVIDED
IMPERVIOUS AREA PARKING, SIDEWALKS & DRIVES	N/A	12,201 S.F. (79.2%)
PERVIOUS AREA/OPEN SPACE LANDSCAPE AREAS (TOTAL)	3,077 S.F. (20%)	6,364 S.F. (41.3%)

267 S.F. (25%)

602 S.F. (56%)

TOTAL INCLUDES ROOF DECK

VEHICULAR USE AREA:

AVERAGE A/C SF 697 SF
697 SF
1,122 SF
1,375 SF
SQUARE FOOTAGE
1,176 SF
8,883 SF
8,833 SF
8,833 SF
1,069 SF
28,744 SF

a) ALL CHANGES TO THE DESIGN WILL REQUIRE PLANNING REVIEW AND MAY BE SUBJECT TO BOARD APPROVAL
b) ALL SIGNAGE SHALL COMPLY WITH THE ZONING AND LAND DEVELOPMENT REGULATIONS
c) FULL ROAD WIDTH PAVEMENT MILL AND RESURFACING WILL BE REQUIRED FOR ALL STREETS/ROADWAY

d) any Lip 1/4" but not greater than 1/2" will be beveled to meet add requirements
e) proposed signage + art sculpture to be submitted as a seperate permit
f) all signs, which are electrically illuminated by Neon or other means, shall require a separate electrical permit and inspection. Separate permits are required for each sign.



PROPERTY ADDRESS	
2242-2246 MONROE ST HOLLYWOOD, FL 33020	

LEGAL DESCRIPTION

514216012010

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF BROWARD, STATE OF FLORIDA, AND IS DESCRIBED AS FOLLOWS:

THE WEST 75 FEET OF LOT 17, BLOCK 3, HOLLYWOOD LITTLE RANCHES, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 26, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

A/K/A LOT 17 LESS THE EAST 25 FEET THEREOF, BLOCK 3, HOLLYWOOD LITTLE RANCHES, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 26, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FL

SITE INFORMATION	<u>EXISTING</u>	<u>PROPOSED</u>
ZONING:	(RAC) DH-2	N/A
SUB-DISTRICT:	N/A	N/A
BUILDING USE:	MULTIFAMILY DWELLING	MULTIFAMILY DWELLING
LAND USE DESIGNATION:	RESIDENTIAL	RESIDENTIAL
COUNTY USE DESIGNATION:	RESIDENTIAL	N/A
NET LOT AREA:	15,375 SQFT- 0.35 ACRES	N/A
GROSS LOT AREA:	16,887 SQFT- 0.36 ACRES	N/A
BASE FLOOD ZONE :	AH - 9.0' NAVD	
100 YEAR FLOOD :		FFE 11.50' NAVD

UNIT TYPE:	<u>PROVIDED</u>
1 BED / 1 BATH	23
2 BED / 2 BATH	3
3 BED / 2 BATH	1
TOTAL	= 27 UNITS

ARKING CALCULATION:	REQUIRED	<u>PROVIDED</u>
MIN REQ. PER UNIT (1) PARKING SPACE P UNITS EXCEEDING ONE BED, INCLUDING D EACH CAR LIFT PROPOSED IS PER UNIT		
ONE - BEDROOM (23)	1 SPACE x 23 = 23	23 SPACES
TWO - BEDROOM (3)	1.5 SPACE x 3 =4.5	6 SPACES (3 CAR LIFTS
THREE - BEDROOM (1)	1.5 SPACE x 1 =1.5	2 SPACES (1 CAR LIFTS
GUESTS: 1 SPACE PER EVERY 10	27 UNITS/10 = 3	3 SPACES
TOTAL	= 32 SPACES	= 34 SPACES
ADA:		
HANDICAPPED SPACE	2	2
LOADING:		
RESIDENTIAL 1 FOR (50-100 UNITS)	NOT REQ. LESS THAN 50 UNITS	0 SPACE
BICYCLE PARKING:		7 SPACES

BUILDING INTENSITY	<u>ALLOWED</u>	<u>PROVIDED</u>
LOT COVERAGE	N/A	N/A
FAR:	1.75 (26,927 SF)	1.75(26,849.86 SF)
A/C AREA:	N/A	24,507 SF
BUILDING FOOT PRINT	N/A	7,387 SF (DECKS NOT INCLUDED
PROPOSED NO. OF UNITS:	UNLIMITED	27 UNITS
NUMBER OF FLOORS	N/A	4
BUILDING HEIGHT	45 FEET	45 FEET
CONSTRUCTION TYPE:		TYPE IIIB
SETBACKS:	REQUIRED	PROVIDED
(a) FRONTAGE (MONROE) (NORTH)	15'-0"	15'-0"
(b) SIDE INTERIOR (EAST)	10'-0"	10'-0"
(c) SIDE INTERIOR (WEST)	10'-0"	10'-0"
(d) REAR (SOUTH)	20'-0"	22'-6"
AT-GRADE PARKING LOT AND VEHIC	ULAR USE AREAS SETBAC	CK REQUIREMENTS
(a) FRONTAGE (MONROE) (NORTH)	19'-0"(QUEING)	19'-0"(QUEING)
(b) SIDE INTERIOR (EAST)	5'-0"	10-6"
(c) SIDE INTERIOR (WEST)	5'-0"	6'-4"
(d) REAR (SOUTH)	5'-0"	5'-6"
LANDSCAPE	REQUIRED	<u>PROVIDED</u>
IMPERVIOUS AREA PARKING, SIDEWALKS & DRIVES	N/A	12,201 S.F. (79.2%)
PERVIOUS AREA/OPEN SPACE LANDSCAPE AREAS (TOTAL) TOTAL INCLUDES ROOF DECK	3,077 S.F. (20%)	6,364 S.F. (41.3%)
VEHICULAR USE AREA:	267 S.F. (25%)	602 S.F. (56%)

<u>JNIT TYPE:</u>	AVERAGE A/C SF	
BED / 1 BATH (23 UNITS)	697 SF	
BED / 2 BATH (3 UNITS)	1,122 SF	
BED / 2 BATH (1 UNITS)	1,375 SF	
LOOR:	SQUARE FOOTAGE	
IRST FLOOR	1,176 SF	
ECOND FLOOR	8,883 SF	
HIRD FLOOR	8,833 SF	
OURTH FLOOR	8,833 SF	
OOF DECK	1,069 SF	
TOTAL	28,744 SF	

a) ALL CHANGES TO THE DESIGN WILL REQUIRE PLANNING REVIEW AND MAY BE SUBJECT TO BOARD APPROVAL. b) ALL SIGNAGE SHALL COMPLY WITH THE ZONING AND LAND DEVELOPMENT REGULATIONS c) FULL ROAD WIDTH PAVEMENT MILL AND RESURFACING WILL BE REQUIRED FOR ALL STREETS/ROADWAY ADJACENT TO THE PROJECT SITE.

d) ANY LIP 1/4" BUT NOT GREATER THAN 1/2" WILL BE BEVELED TO MEET ADA REQUIREMENTS e) PROPOSED SIGNAGE + ART SCULPTURE TO BE SUBMITTED AS A SEPERATE PERMIT f) ALL SIGNS, WHICH ARE ELECTRICALLY ILLUMINATED BY NEON OR OTHER MEANS, SHALL REQUIRE A SEPARATE ELECTRICAL PERMIT AND INSPECTION. SEPARATE PERMITS ARE REQUIRED FOR EACH SIGN. g) MAXIMUM FOOT CANDLE LEVEL AT ALL PROPERTY LINES MAXIMUM 0.5 IF ADJACENT TO RESIDENTIAL.

n as being necessary to produce the intended results.	
_	

Kaller Architecture 2417 Hollywood Blvd. Hollywood Florida 33020

954.920.5746 joseph@kallerarchitects.com

JOSEPH B. KALLER FLORIDA R.A. #0009239

SITE PLAN

REVISIONS Description This drawing, as an instrument of service, is and shall remain the property of the Architect and shall not be reproduced, published or used in any way without the permission of the Architect.

PROJECT No.: 23-056 DRAWN BY: CHECKED BY:



	PROPERTY ADDRESS		
	2242-2246 MONROE ST HOLLYWOOD, FL 33020		
	<u>FOLIO</u>		
	514216012010		
	LEGAL DESCRIPTION		
	THE LAND REFERRED TO HEREIN BELOW IS SITU DESCRIBED AS FOLLOWS:	JATED IN THE COUNTY OF BR	OWARD, STATE OF FLORIDA, AND IS
	THE WEST 75 FEET OF LOT 17, BLOCK 3, HOLLY RECORDED IN PLAT BOOK 1, PAGE 26, OF THE F	•	·
	A/K/A LOT 17 LESS THE EAST 25 FEET THEREO THEREOF, AS RECORDED IN PLAT BOOK 1, PAG		
	SITE INFORMATION	EXISTING	<u>PROPOSED</u>
'	ZONING:	(RAC) DH-2	N/A
	SUB-DISTRICT:	N/A	N/A
	BUILDING USE:	MULTIFAMILY DWELLING	MULTIFAMILY DWELLING

RESIDENTIAL

RESIDENTIAL

AH - 9.0' NAVD

15,375 SQFT- 0.35 ACRES

16,887 SQFT- 0.36 ACRES

RESIDENTIAL

N/A

N/A

N/A

FFE 11.50' NAVD

LAND USE DESIGNATION:

NET LOT AREA:

GROSS LOT AREA:

BASE FLOOD ZONE:

100 YEAR FLOOD

COUNTY USE DESIGNATION:

2 DED / 2 DATH		
3 BED / 2 BATH		1
TOTAL		= 27 UNITS
ARKING CALCULATION:	REQUIRED	<u>PROVIDED</u>
MIN REQ. PER UNIT (1) PARKING SPACE P UNITS EXCEEDING ONE BED, INCLUDING D EACH CAR LIFT PROPOSED IS PER UNIT		
ONE - BEDROOM (23)	1 SPACE x 23 = 23	23 SPACES
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THREE - BEDROOM (1)	1.5 SPACE x 1 =1.5	2 SPACES (1 CAR LIFTS)
GUESTS: 1 SPACE PER EVERY 10	27 UNITS/10 = 3	3 SPACES
TOTAL	= 32 SPACES	= 34 SPACES
ADA:		
HANDICAPPED SPACE	2	2
LOADING:		
RESIDENTIAL 1 FOR (50-100 UNITS)	NOT REQ. LESS THAN 50 UNITS	0 SPACE
BICYCLE PARKING:		7 SPACES

<u>PROVIDED</u>

<u>UNIT TYPE:</u>

1 BED / 1 BATH

N/A
1.75(26,849.86 SF)
24,507 SF
7 SF (DECKS NOT INCLUDED)
27 UNITS
4
45 FEET
TYPE IIIB
PROVIDED
15'-0"
10'-0"
10'-0"
22'-6"
EMENTS
19'-0"(QUEING)
10-6"
6'-4"
5'-6"
PROVIDED
12,201 S.F. (79.2%)
6,364 S.F. (41.3%)
602 S.F. (56%)
1

<u>UNIT TYPE:</u>	AVERAGE A/C SF	
1 BED / 1 BATH (23 UNITS)	697 SF	-
2 BED / 2 BATH (3 UNITS)	1,122 SF	
3 BED / 2 BATH (1 UNITS)	1,375 SF	-
FLOOR:	SQUARE FOOTAGE	
FIRST FLOOR	1,176 SF	
SECOND FLOOR	8,883 SF	
THIRD FLOOR	8,833 SF	
FOURTH FLOOR	8,833 SF	
ROOF DECK	1,069 SF	
TOTAL	28,744 SF	

TΕ	PL	<u>AN</u>	NO ⁻	<u>ΓΕS:</u>

a) ALL CHANGES TO THE DESIGN WILL REQUIRE PLANNING REVIEW AND MAY BE SUBJECT TO BOARD APPROVAL.
b) ALL SIGNAGE SHALL COMPLY WITH THE ZONING AND LAND DEVELOPMENT REGULATIONS
c) FULL ROAD WIDTH PAVEMENT MILL AND RESURFACING WILL BE REQUIRED FOR ALL STREETS/ROADWAY
ADJACENT TO THE PROJECT SITE.

d) any Lip 1/4" but not greater than 1/2" will be beveled to meet ada requirements
e) proposed signage + art sculpture to be submitted as a seperate permit
f) all signs, which are electrically illuminated by neon or other means, shall require a separate electrical permit and inspection. Separate permits are required for each sign.
g) maximum foot candle level at all property lines maximum 0.5 if adjacent to residential.

Kaller Architecture

AA#26001212
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joseph@kallerarchitects.com

www.kallerarchitects.com

SEAL

JOSEPH B. KALLER FLORIDA R.A. #0009239

|LY |TS

APARTMENTS
ADVISOR STREET HOLE

MO AP,

2ND & 3RD FLOOR

REVISIONS

Description

No. Description Date

This drawing, as an instrument of service, is and shall remain the

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PROJECT No.: 23-056

DATE: 12/2/22

DRAWN BY: MF

CHECKED BY:

SHEET

\-02



PROPERTY ADDRESS

2242-2246 MONROE ST HOLLYWOOD, FL 33020

<u>FOLIO</u>

LEGAL DESCRIPTION

514216012010

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF BROWARD, STATE OF FLORIDA, AND IS DESCRIBED AS FOLLOWS:

THE WEST 75 FEET OF LOT 17, BLOCK 3, HOLLYWOOD LITTLE RANCHES, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 26, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

A/K/A LOT 17 LESS THE EAST 25 FEET THEREOF, BLOCK 3, HOLLYWOOD LITTLE RANCHES, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 26, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FL

SITE INFORMATION	<u>EXISTING</u>	<u>PROPOSED</u>
ZONING:	(RAC) DH-2	N/A
SUB-DISTRICT:	N/A	N/A
BUILDING USE:	MULTIFAMILY DWELLING	MULTIFAMILY DWELLING
LAND USE DESIGNATION:	RESIDENTIAL	RESIDENTIAL
COUNTY USE DESIGNATION:	RESIDENTIAL	N/A
NET LOT AREA:	15,375 SQFT- 0.35 ACRES	N/A
GROSS LOT AREA:	16,887 SQFT- 0.36 ACRES	N/A
BASE FLOOD ZONE :	AH - 9.0' NAVD	
100 YEAR FLOOD :		FFF 11.50' NAVD

UNIT TYPE:	<u>PROVIDED</u>
1 BED / 1 BATH	00
2 BED / 2 BATH	3
3 BED / 2 BATH	1
TOTAL	= 27 UNITS

UNITS EXCEEDING ONE BED, INCLUDING D EACH CAR LIFT PROPOSED IS PER UNIT	ENS (1.5) PARKING PER UNIT	
ONE - BEDROOM (23)	1 SPACE x 23 = 23	23 SPACES
TWO - BEDROOM (3)	1.5 SPACE x 3 = 4.5	6 SPACES (3 CAR LIFTS
THREE - BEDROOM (1)	1.5 SPACE x 1 =1.5	2 SPACES (1 CAR LIFTS
GUESTS: 1 SPACE PER EVERY 10	27 UNITS/10 = 3	3 SPACES
TOTAL	= 32 SPACES	= 34 SPACES
ADA:		
HANDICAPPED SPACE	2	2
LOADING:		
RESIDENTIAL 1 FOR (50-100 UNITS)	NOT REQ. LESS THAN 50 UNITS	0 SPACE
BICYCLE PARKING:		7 SPACES

BUILDING INTENSITY	<u>ALLOWED</u>	<u>PROVIDED</u>	
LOT COVERAGE	N/A	N/A	
FAR:	1.75 (26,927 SF)	1.75(26,849.86 SF)	
A/C AREA:	N/A	24,507 SF	
BUILDING FOOT PRINT	N/A	7,387 SF (DECKS NOT INCLUDE)	
PROPOSED NO. OF UNITS:	UNLIMITED	27 UNITS	
NUMBER OF FLOORS	N/A	4	
BUILDING HEIGHT	45 FEET	45 FEET	
CONSTRUCTION TYPE:		TYPE IIIB	
SETBACKS:	<u>REQUIRED</u>	PROVIDED	
(a) FRONTAGE (MONROE) (NORTH)	15'-0"	15'-0"	
(b) SIDE INTERIOR (EAST)	10'-0"	10'-0"	
(c) SIDE INTERIOR (WEST)	10'-0"	10'-0"	
(d) REAR (SOUTH)	20'-0"	22'-6"	
AT-GRADE PARKING LOT AND VEHIC	ULAR USE AREAS SETBAC	CK REQUIREMENTS	
(a) FRONTAGE (MONROE) (NORTH)	19'-0"(QUEING)	19'-0"(QUEING)	
(b) SIDE INTERIOR (EAST)	5'-0"	10-6"	
(c) SIDE INTERIOR (WEST)	5'-0"	6'-4"	
(d) REAR (SOUTH)	5'-0"	5'-6"	
<u>LANDSCAPE</u>	REQUIRED	<u>PROVIDED</u>	
IMPERVIOUS AREA PARKING, SIDEWALKS & DRIVES	N/A	12,201 S.F. (79.2%)	
PERVIOUS AREA/OPEN SPACE LANDSCAPE AREAS (TOTAL) TOTAL INCLUDES ROOF DECK	3,077 S.F. (20%)	6,364 S.F. (41.3%)	
VEHICULAR USE AREA:	267 S.F. (25%)	602 S.F. (56%)	
	· · ·	· · · · · · · · · · · · · · · · · · ·	

<u>/ERAGE UNIT & GROSS BUILDING SQ. FC</u>	TOTAGE TABLE.	
NIT TYPE:	<u>AVERAGE A/C SF</u>	
BED / 1 BATH (23 UNITS)	697 SF	
BED / 2 BATH (3 UNITS)	1,122 SF	
BED / 2 BATH (1 UNITS)	1,375 SF	
.00R:	SQUARE FOOTAGE	
RST FLOOR	1,176 SF	
ECOND FLOOR	8,883 SF	
HIRD FLOOR	8,833 SF	
OURTH FLOOR	8,833 SF	
OOF DECK	1,069 SF	
TOTAL	28,744 SF	

SITE PLAN NOTES:

a) ALL CHANGES TO THE DESIGN WILL REQUIRE PLANNING REVIEW AND MAY BE SUBJECT TO BOARD APPROVAL. b) ALL SIGNAGE SHALL COMPLY WITH THE ZONING AND LAND DEVELOPMENT REGULATIONS c) FULL ROAD WIDTH PAVEMENT MILL AND RESURFACING WILL BE REQUIRED FOR ALL STREETS/ROADWAY ADJACENT TO THE PROJECT SITE.

d) any Lip 1/4" but not greater than 1/2" will be beveled to meet ada requirements
e) proposed signage + art sculpture to be submitted as a seperate permit
f) all signs, which are electrically illuminated by neon or other means, shall require a separate electrical permit and inspection. Separate permits are required for each sign.
g) maximum foot candle level at all property lines maximum 0.5 if adjacent to residential.

Kaller Architecture

Kaller Architecture

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954.920.5746
joseph@kallerarchitects.com

www.kallerarchitects.com SEAL

JOSEPH B. KALLER

FLORIDA R.A. #0009239

FAMILY FMENTS

MULTI-FA/ APARTME

SHEET TITLE

4TH FLOOR

REVISIONS

No. Description Date

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PROJECT No.: 23-056

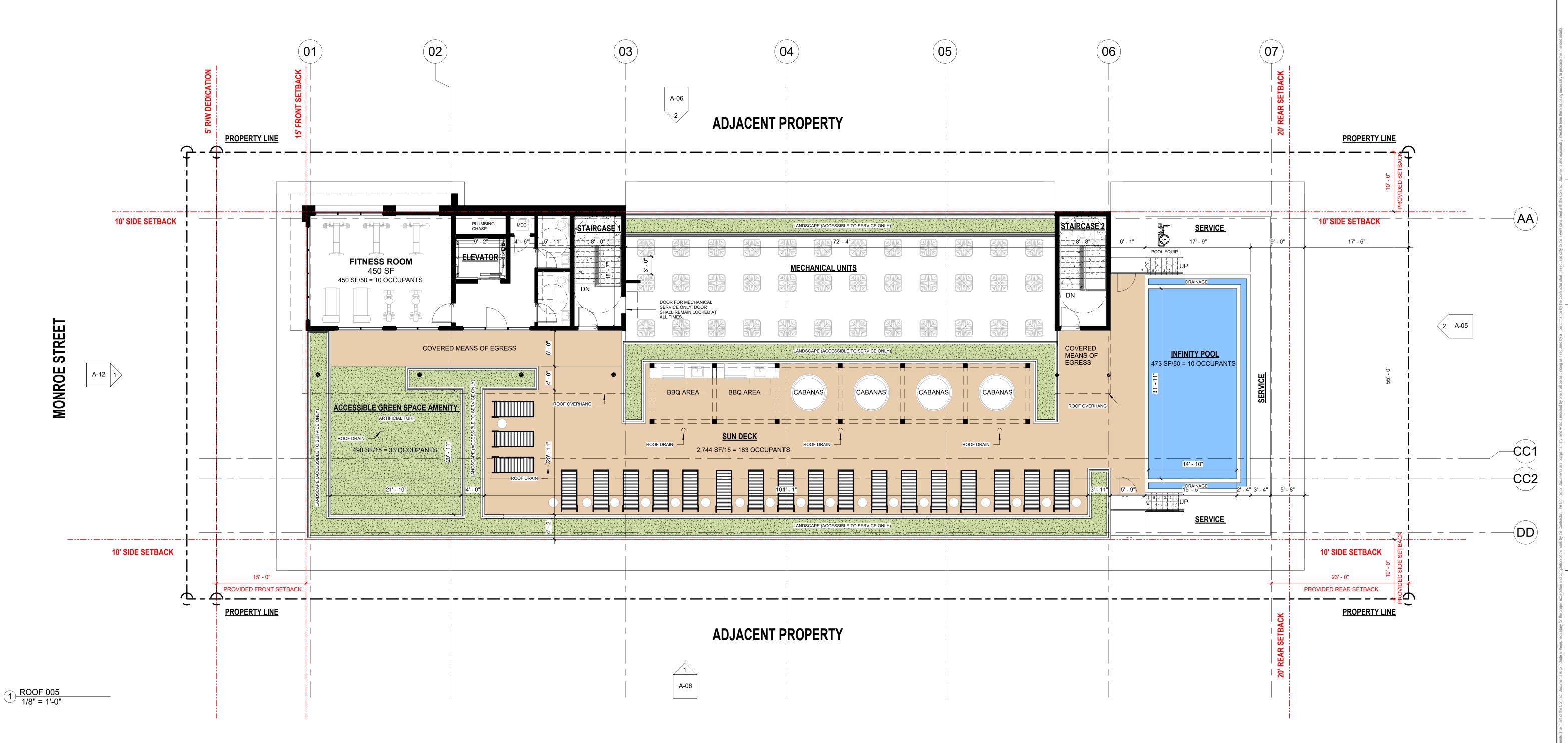
DATE: 12/2/22

DRAWN BY: MF

CHECKED BY: JBK

SHEET

A-03



PROPERTY ADDRESS

2242-2246 MONROE ST HOLLYWOOD, FL 33020

LEGAL DESCRIPTION

514216012010

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THE WEST 75 FEET OF LOT 17, BLOCK 3, HOLLYWOOD LITTLE RANCHES, ACCORDING TO THE PLAT THEREOF, AS

RECORDED IN PLAT BOOK 1, PAGE 26, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

A/K/A LOT 17 LESS THE EAST 25 FEET THEREOF, BLOCK 3, HOLLYWOOD LITTLE RANCHES, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 26, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FL

SITE INFORMATION	<u>EXISTING</u>	<u>PROPOSED</u>
ZONING:	(RAC) DH-2	N/A
SUB-DISTRICT:	N/A	N/A
BUILDING USE:	MULTIFAMILY DWELLING	MULTIFAMILY DWELLING
LAND USE DESIGNATION:	RESIDENTIAL	RESIDENTIAL
COUNTY USE DESIGNATION:	RESIDENTIAL	N/A
NET LOT AREA:	15,375 SQFT- 0.35 ACRES	N/A
GROSS LOT AREA:	16,887 SQFT- 0.36 ACRES	N/A
BASE FLOOD ZONE :	AH - 9.0' NAVD	
100 YEAR FLOOD :		FFF 11.50' NAVD

INIT TVDE:	DDOMDED.
<u>JNIT TYPE:</u>	<u>PROVIDED</u>
1 BED / 1 BATH	23
2 BED / 2 BATH	3
3 BED / 2 BATH	1
TOTAL	= 27 UNITS

RKING CALCULATION:	REQUIRED	PROVIDED
MIN REQ. PER UNIT (1) PARKING SPACE P UNITS EXCEEDING ONE BED, INCLUDING D EACH CAR LIFT PROPOSED IS PER UNIT		
ONE - BEDROOM (23)	1 SPACE x 23 = 23	23 SPACES
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TOTAL	= 32 SPACES	= 34 SPACES
ADA:		
HANDICAPPED SPACE	2	2
LOADING:		
RESIDENTIAL 1 FOR (50-100 UNITS)	NOT REQ. LESS THAN 50 UNITS	0 SPACE
BICYCLE PARKING:		7 SPACES

BUILDING INTENSITY	ALLOWED	<u>PROVIDED</u>	
LOT COVERAGE	N/A	N/A	
FAR:	1.75 (26,927 SF)	1.75(26,849.86 SF)	
A/C AREA:	N/A	24,507 SF	
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PROPOSED NO. OF UNITS:	UNLIMITED	27 UNITS	
NUMBER OF FLOORS	N/A	4	
BUILDING HEIGHT	45 FEET	45 FEET	
CONSTRUCTION TYPE:		TYPE IIIB	
SETBACKS:	REQUIRED	PROVIDED	
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(c) SIDE INTERIOR (WEST)	10'-0"	10'-0"	
(d) REAR (SOUTH)	20'-0"	22'-6"	
AT-GRADE PARKING LOT AND VEHIC	ULAR USE AREAS SETBACK	REQUIREMENTS	
(a) FRONTAGE (MONROE) (NORTH)	19'-0"(QUEING)	19'-0"(QUEING)	
(b) SIDE INTERIOR (EAST)	5'-0"	10-6"	
(c) SIDE INTERIOR (WEST)	5'-0"	6'-4"	
(d) REAR (SOUTH)	5'-0"	5'-6"	
<u>LANDSCAPE</u>	REQUIRED	<u>PROVIDED</u>	
IMPERVIOUS AREA PARKING, SIDEWALKS & DRIVES	N/A	12,201 S.F. (79.2%)	
PERVIOUS AREA/OPEN SPACE LANDSCAPE AREAS (TOTAL) TOTAL INCLUDES ROOF DECK	3,077 S.F. (20%)	6,364 S.F. (41.3%)	
VEHICULAR USE AREA:	267 S.F. (25%)	602 S.F. (56%)	
		, ,	

<u>UNIT TYPE:</u>	AVERAGE A/C SF	
1 BED / 1 BATH (23 UNITS)	697 SF	
2 BED / 2 BATH (3 UNITS)	1,122 SF	
3 BED / 2 BATH (1 UNITS)	1,375 SF	
FLOOR:	SQUARE FOOTAGE	
FIRST FLOOR	1,176 SF	
SECOND FLOOR	8,883 SF	
THIRD FLOOR	8,833 SF	
FOURTH FLOOR	8,833 SF	
ROOF DECK	1,069 SF	
TOTAL	28,744 SF	

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f) ALL SIGNS, WHICH ARE ELECTRICALLY ILLUMINATED BY NEON OR OTHER MEANS, SHALL REQUIRE A SEPARATE ELECTRICAL PERMIT AND INSPECTION. SEPARATE PERMITS ARE REQUIRED FOR EACH SIGN.

g) MAXIMUM FOOT CANDLE LEVEL AT ALL PROPERTY LINES MAXIMUM 0.5 IF ADJACENT TO RESIDENTIAL.

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SEAL

JOSEPH B. KALLER FLORIDA R.A. #0009239

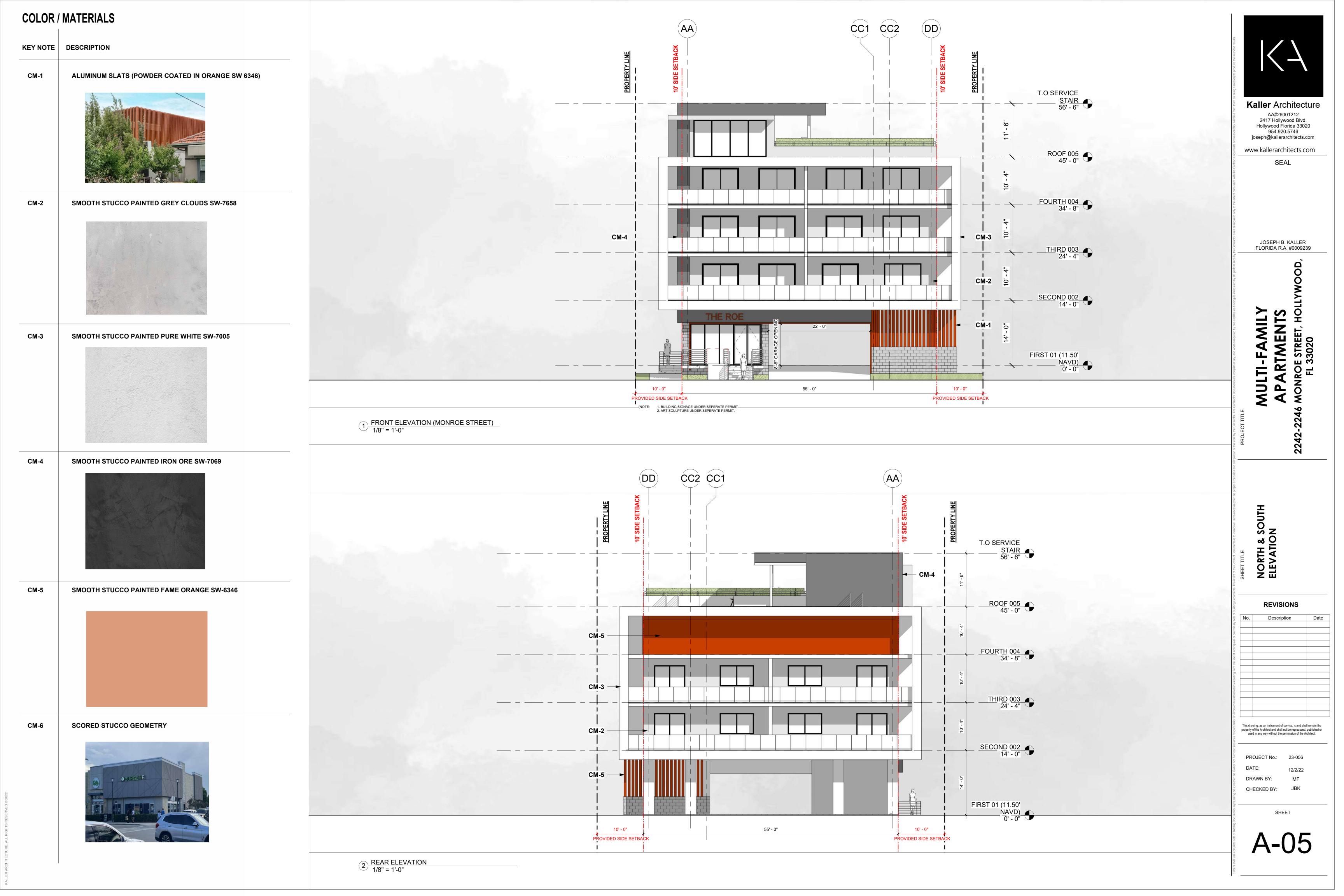
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ROOFTOP

REVISIONS

Description

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3D PERSPECTIVE

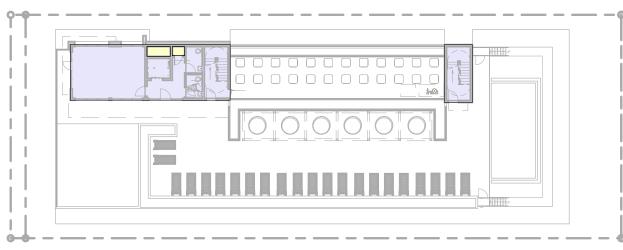
REVISIONS

No. Description Date

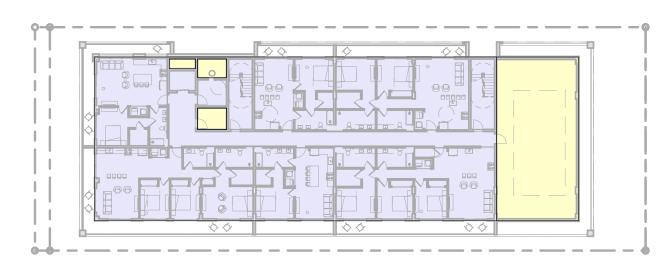
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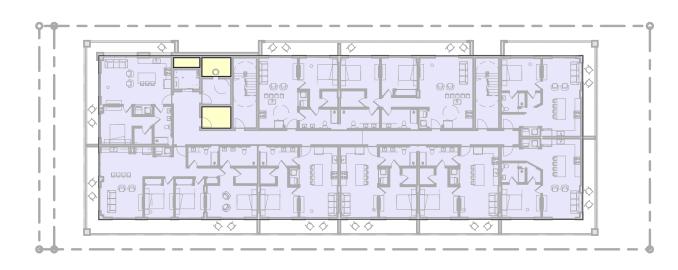
DRAWN BY: CHECKED BY: JBK



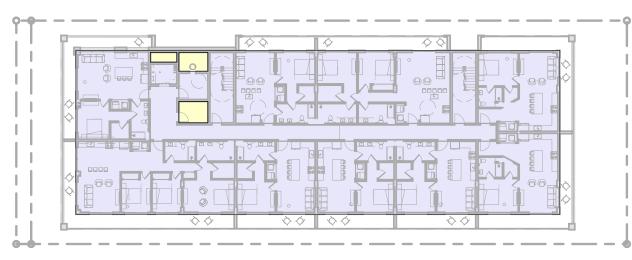
ROOFTOP FLOOR FAR: 1,144.08 SF



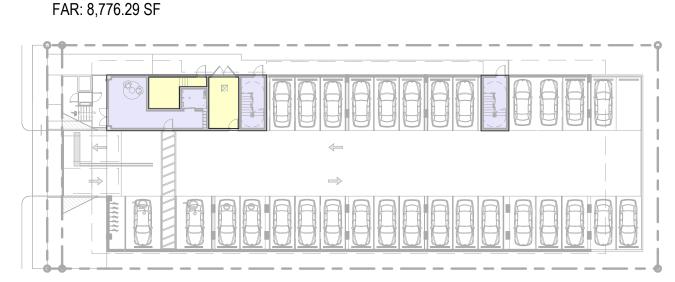
FOURTH FLOOR FAR: 7,263.87 SF



THIRD FLOOR FAR: 8,776.29 SF



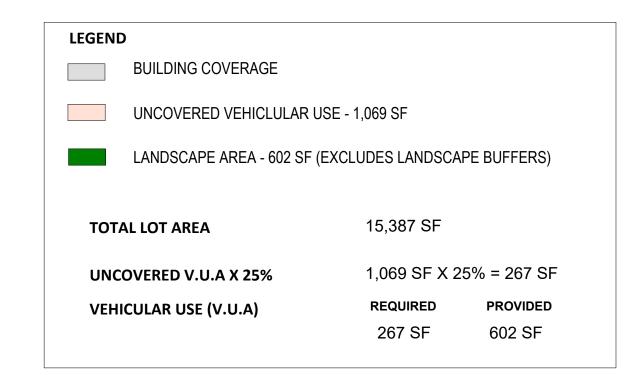
SECOND FLOOR



GROUND FLOOR FAR: 858.74 SF

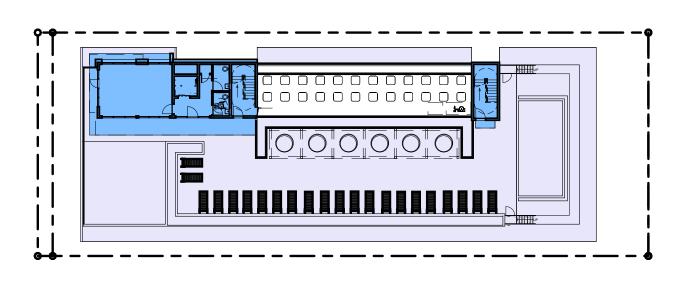
15,387 SF **NET LOT AREA LEGEND GROUND FLOOR** = 858.74 SF **FAR BREAKDOWN** NON-SERVICE ROOMS SECOND FLOOR = 8,776.29 SF (CALCULATED AS FAR) THIRD FLOOR = 8,776.29 SF SERVICE ROOMS FOURTH FLOOR = 7,294.46 SF ROOFTOP FLOOR = 1,144.08 SF **MAX FAR** REQUIRED **PROVIDED** 1.75(26,849.86 SF) 1.75(26,927 SF)

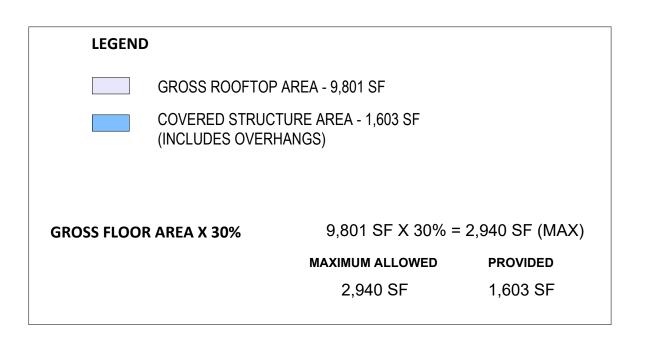
UNCOVERED V.U.A



1 VEHICULAR USE AREA DIAGRAM 1/32" = 1'-0"

ENCROACHMENTS: ENCLOSED OR COVERED ROOFTOP AMENITIES ARE PERMITTED TO EXCEED THE MAXIMUM HEIGHT FOR NOT MORE THAN 30 PERCENT OF THE GROSS ROOFTOP AREA. FOR THE PURPOSES OF CALCULATING THE MAXIMUM AREA, ENCLOSED OR COVERED STRUCTURES SHALL NOT INCLUDE ENCLOSURES FOR SCREENING MECHANICAL SYSTEMS.





ENCROACHMENTS (MAX ROOFTOP

AREA)

1/32" = 1'-0"

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SEAL

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FAMILY

「MENTS

STREET, HOLLYWOOL

MULTI-APAR

DIAGRAMS

REVISIONS

o. Description

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PROJECT No.: 23-056

DATE: 12/2/22

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SHEET

80-7





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PERSPECTIVE

REVISIONS Description

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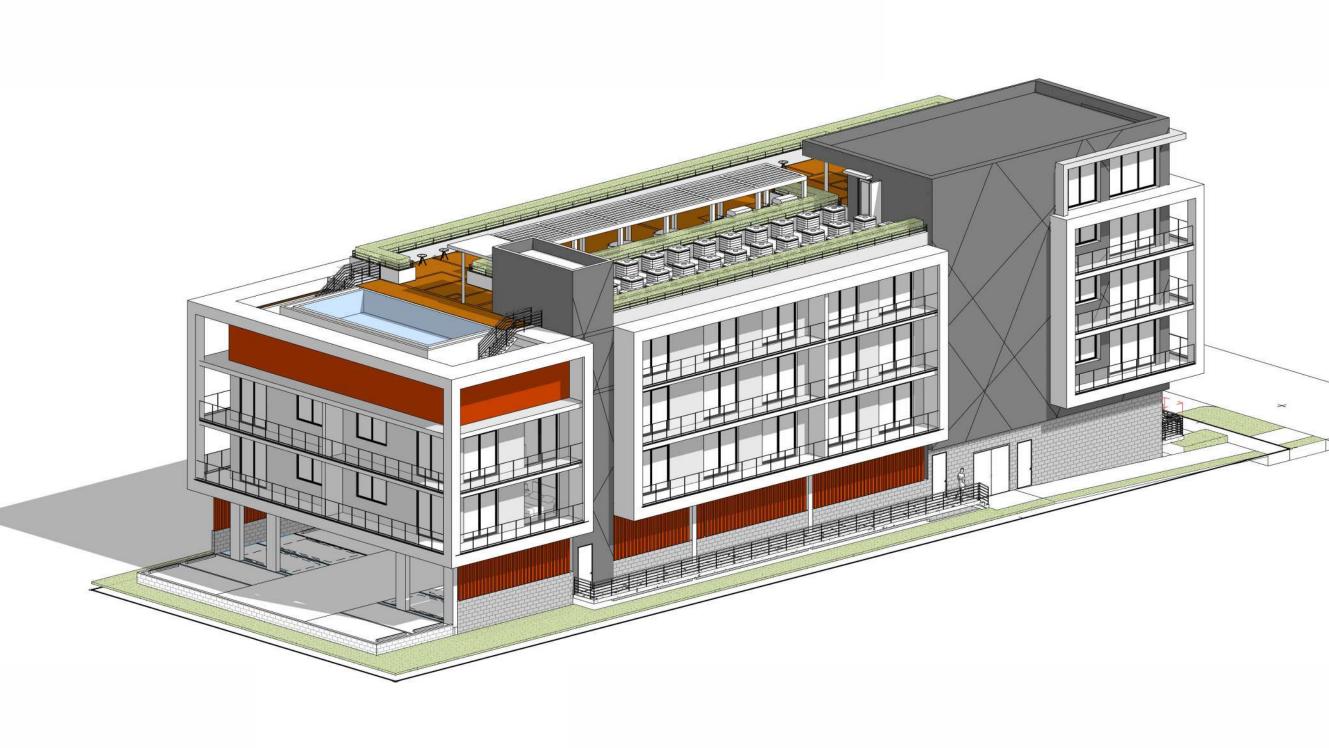


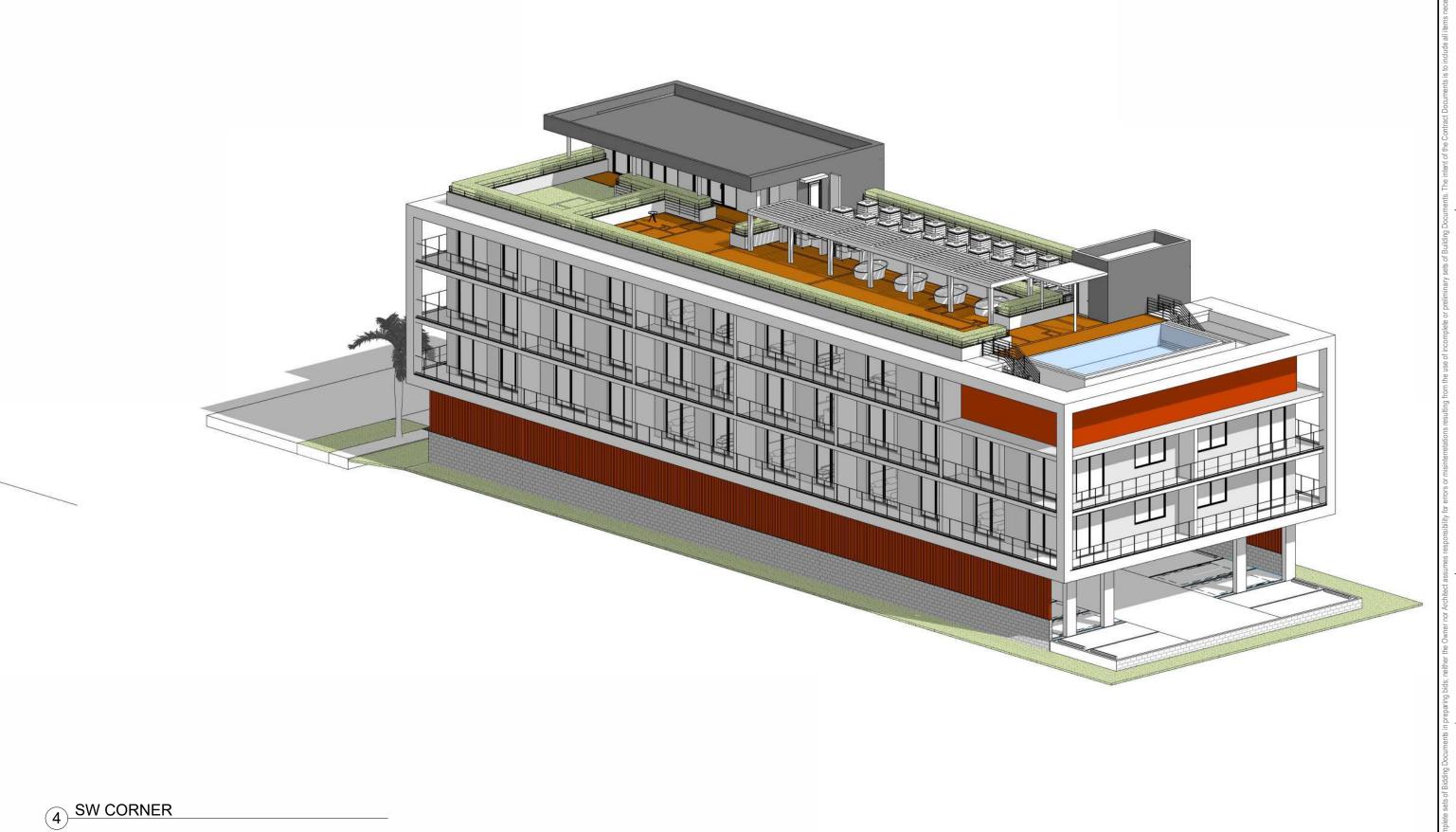
1 NE CORNER

3 SE CORNER

NW CORNER

 NW CORNER





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SEAL

JOSEPH B. KALLER FLORIDA R.A. #0009239

FLORIDA R.A. #0009

MULTI-FAMILY
APARTMENTS
MONROE STREET, HOLLYWG

\S

AERIALS

REVISIONS

Description Date

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PROJECT No.: 23-056

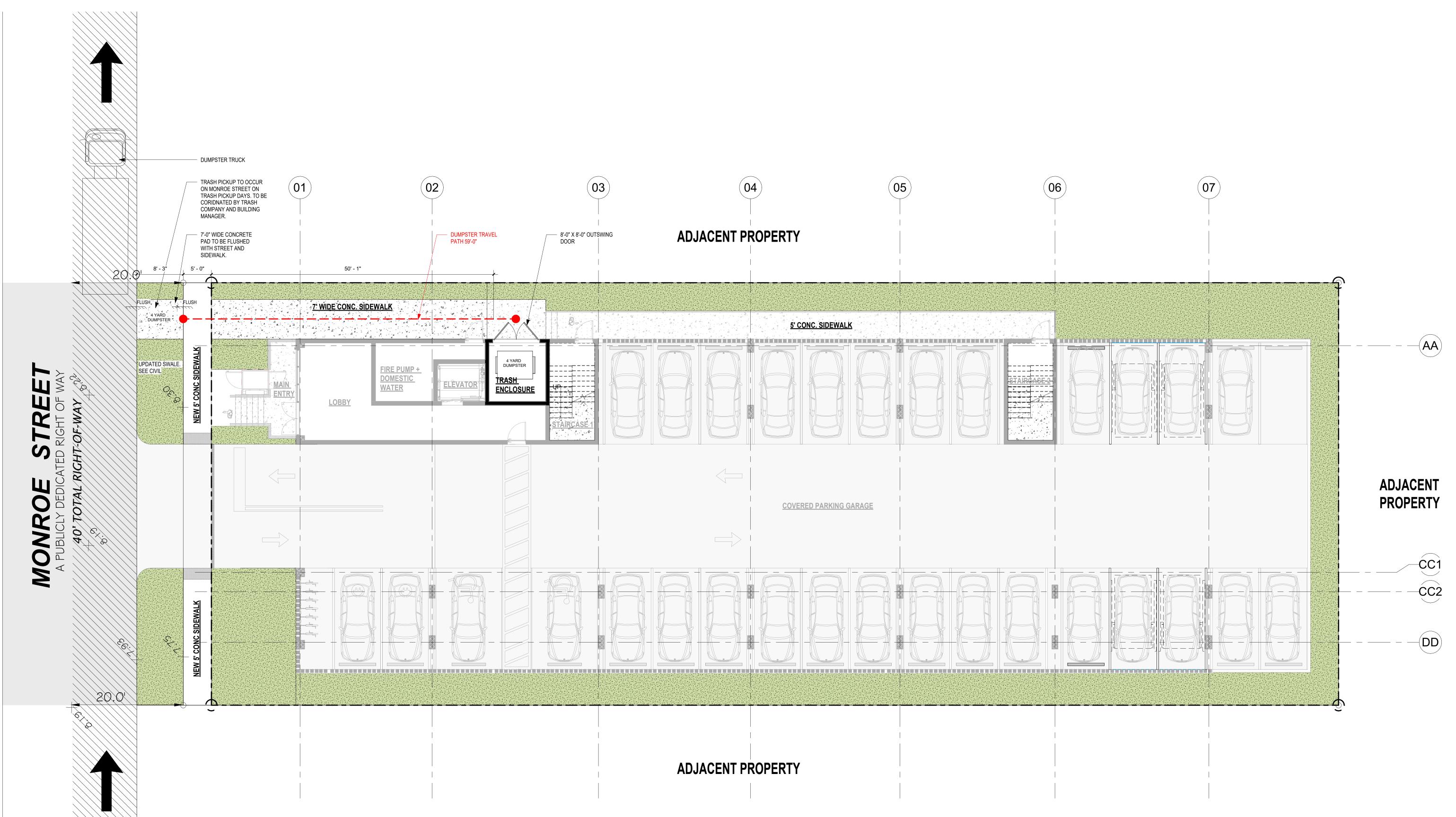
DATE: 12/2/22

DRAWN BY: MF

CHECKED BY: JBK

SHEET

A-10



1 TRASH OPERATION PLAN 1/8" = 1'-0"

Kaller Architecture AA#26001212 2417 Hollywood Blvd. Hollywood Florida 33020 954.920.5746 joseph@kallerarchitects.com www.kallerarchitects.com SEAL JOSEPH B. KALLER FLORIDA R.A. #0009239 TRASH **REVISIONS** Description

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PROJECT No.: 23-056

DRAWN BY: CHECKED BY:



PROPERTY ADDRESS

2242-2246 MONROE ST HOLLYWOOD, FL 33020

514216012010

LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF BROWARD, STATE OF FLORIDA, AND IS DESCRIBED AS FOLLOWS:

RECORDED IN PLAT BOOK 1, PAGE 26, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA. A/K/A LOT 17 LESS THE EAST 25 FEET THEREOF, BLOCK 3, HOLLYWOOD LITTLE RANCHES, ACCORDING TO THE PLAT

THE WEST 75 FEET OF LOT 17, BLOCK 3, HOLLYWOOD LITTLE RANCHES, ACCORDING TO THE PLAT THEREOF, AS

<u>SITE INFORMATION</u>	<u>EXISTING</u>	<u>PROPOSED</u>
ZONING:	(RAC) DH-2	N/A
SUB-DISTRICT:	N/A	N/A
BUILDING USE:	MULTIFAMILY DWELLING	MULTIFAMILY DWELLING
LAND USE DESIGNATION:	RESIDENTIAL	RESIDENTIAL
COUNTY USE DESIGNATION:	RESIDENTIAL	N/A
NET LOT AREA:	15,375 SQFT- 0.35 ACRES	N/A
GROSS LOT AREA:	16,887 SQFT- 0.36 ACRES	N/A
BASE FLOOD ZONE :	AH - 9.0' NAVD	

<u>IIT TYPE:</u>	<u>PROVIDED</u>
1 BED / 1 BATH	23
2 BED / 2 BATH	3
3 BED / 2 BATH	1
TOTAL	= 27 UNITS

ARKING CALCULATION:	<u>REQUIRED</u>	<u>PROVIDED</u>
MIN REQ. PER UNIT (1) PARKING SPACE UNITS EXCEEDING ONE BED, INCLUDING EACH CAR LIFT PROPOSED IS PER UNIT		
ONE - BEDROOM (23)	1 SPACE x 23 = 23	23 SPACES
TWO - BEDROOM (3)	1.5 SPACE x 3 = 4.5	6 SPACES (3 CAR LIFTS
THREE - BEDROOM (1)	1.5 SPACE x 1 = 1.5	2 SPACES (1 CAR LIFTS
GUESTS: 1 SPACE PER EVERY 10	27 UNITS/10 = 3	3 SPACES
TOTAL	= 32 SPACES	= 34 SPACES
ADA:		
HANDICAPPED SPACE	2	2
LOADING:		
RESIDENTIAL 1 FOR (50-100 UNITS)	NOT REQ. LESS THAN 50 UNITS	0 SPACE
BICYCLE PARKING:		7 SPACES

<u>ALLOWED</u>	<u>PROVIDED</u>	
N/A	N/A	
1.75 (26,927 SF)	1.75(26,849.86 SF)	
N/A	24,507 SF	
N/A	7,387 SF (DECKS NOT INCLUDED	
UNLIMITED	27 UNITS	
N/A	4	
45 FEET	45 FEET	
	TYPE IIIB	
REQUIRED	PROVIDED	
15'-0"	15'-0"	
10'-0"	10'-0"	
10'-0"	10'-0"	
20'-0"	22'-6"	
CULAR USE AREAS SETBAC	K REQUIREMENTS	
19'-0"(QUEING)	19'-0"(QUEING)	
5'-0"	10-6"	
5'-0"	6'-4"	
5'-0"	5'-6"	
REQUIRED	<u>PROVIDED</u>	
N/A	12,201 S.F. (79.2%)	
3,077 S.F. (20%)	6,364 S.F. (41.3%)	
267 S.F. (25%)	602 S.F. (56%)	
	N/A 1.75 (26,927 SF) N/A N/A N/A UNLIMITED N/A 45 FEET REQUIRED 15'-0" 10'-0" 20'-0" CULAR USE AREAS SETBAC 19'-0"(QUEING) 5'-0" 5'-0" 5'-0" REQUIRED N/A 3,077 S.F. (20%)	

<u>UNIT TYPE:</u>	AVERAGE A/C SF
1 BED / 1 BATH (23 UNITS)	697 SF
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THIRD FLOOR	8,833 SF
FOURTH FLOOR	8,833 SF
ROOF DECK	1,069 SF
TOTAL	28,744 SF

SHE PLAN NOTES:

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JOSEPH B. KALLER FLORIDA R.A. #0009239

PROFILE STREET

REVISIONS

Description

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514216012010

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TOTAL	= 27 UNITS

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N/A	24,507 SF		
N/A	7,387 SF (DECKS NOT INCLUDED		
UNLIMITED	27 UNITS		
MBER OF FLOORS N/A 4			
45 FEET	45 FEET		
	TYPE IIIB		
REQUIRED	PROVIDED		
15'-0"	15'-0"		
10'-0"	10'-0"		
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19'-0"(QUEING)	19'-0"(QUEING)		
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PROFILE STREET

REVISIONS

Description

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- 1. THE CONTRACTOR SHALL OBTAIN FROM THE OWNER COPIES OF ALL AVAILABLE REGULATORY AGENCY PERMITS AND LOCAL AGENCY PERMITS.
- 2. ALL CONSTRUCTION PROJECTS 1 OR MORE ACRES IN SIZE THAT DISCHARGE TO OFFSITE AREAS ARE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTI (NPDES) GENERAL PERMIT FOR STORMWATER DISCHARGE FROM SMALL AND LARGE CONSTRUCTION ACTIVITIES. IN ORDER TO MEET NPDES REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR PREPARING STORMWATER POLITION PREVENTION PLAN (SWPPP) IMPLEMENTING INSPECTING MAINTAINING AND REPORTING ON ALL FLEMENTS OF THE SWPPP, COMPLETING AND SUBMITTING THE REQUIRED NOTICE OF GENERAL PERMIT, THE CONTRACTOR IS STILL RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO AND DURING CONSTRUCTION IN ACCORDANCE WITH THE
- 3. UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL USE THE GEOMETRY PROVIDED ON THE CONSTRUCTION PLANS, BENCHMARK INFORMATION SHALL BE PROVIDED TO THE CONTRACTOR BY THE
- 4. BASE SURVEY INFORMATION INCLUDING BUT NOT LIMITED TO ELEVATIONS, EASEMENTS, RIGHTS OF WAY, AND OTHER TOPOGRAPHIC INFORMATION HAS BEEN PREPARED BY OTHER PROFESSIONALS. SZAUER 5. THIS SET OF PLANS MAY CONTAIN DRAWINGS PREPARED BY OTHER PROFESSIONALS, WHICH CONTAIN THE NAME, ADDRESS, AND LOGO OF THE PROFESSIONAL. SZAUER ENGINEERING, INC. IS NOT RESPONSIBLE FOR
- 6. THE CONTRACTOR SHALL SUBMIT (6) COPIES OF SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING THE MATERIALS REQUIRED FOR CONSTRUCTION. PRIOR TO SUBMISSION, THE CONTRACTOR SHALL THOROUGHLY CHECK SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES FOR COMPLETENESS AND FOR COMPLIANCE WITH THE CONSTRUCTION PLANS AND SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND SHALL COORDINATE THE SHOP DRAWINGS WITH THE REQUIREMENTS FOR OTHER RELATED WORK. THE CONTRACTORS RESPONSIBILITY FOR ERRORS AND OMISSIONS IN SUBMITTALS IS NOT
- PROTECT BENCHMARKS, PROPERTY CORNERS, AND OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. IF MARKER NEEDS TO BE REMOVED IT SHALL BE REFERENCED BY LICENSED LAND SURVEYOR AND REPLACED, AS NECESSARY, BY SAME.

IEVED BY THE ENGINEERS REVIEW OF SUBMITTALS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN WRITING AT THE TIME OF SUBMISSION, OF DEVIATIONS IN SUBMITTALS FROM THE REQUIREMENTS OF THE

- 8. THE CONTRACTOR IS RESPONSIBLE FOR ALL QUALITY CONTROL TESTING. AS A MINIMUM, TESTING SHALL INCLUDE A) PIPING AND STRUCTURAL EXCAVATION, BEDDING AND BACKFILL MATERIALS AND DENSITY TESTS; B) TERMINATION OF COMPACTIVE EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS; C) PORTLAND CEMENT CONCRETE AND ASPHALT PAVING QUALITY CONTROL TESTING INCLUDING DESIGN MIX REVIEW, MATERIALS, FIELD SLUMP AND AIR CONTENT, AND FIELD AND LAB CURED STRENGTH SAMPLES AND TESTING.
- 9. IN ADDITION TO QUALITY CONTROL TESTING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED TESTING OR APPROVALS FOR ANY WORK (OR ANY PART THEREOF) IF LAWS OR REGULATIONS OF ANY PUBLIC BODY HAVING JURISDICTION SPECIFICALLY REQUIRE TESTING, INSPECTIONS OR APPROVAL. THE CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION THEREWITH AND SHALL FURNISH THE OWNER AND ENGINEER THE REQUIRED CERTIFICATES OF INSPECTION, TESTING OR APPROVAL.
- 10. ANY DESIGN OR TESTING LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE OWNER AND THE ENGINEER, APPROVED IN WRITING, AND COMPLYING WITH THE
- TEST EDITION OF THE "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION", PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES 11. TESTING RESULTS SHALL BE PROVIDED TO THE OWNER/OPERATOR AND THE ENGINEER. ALL TEST RESULTS SHALL BE PROVIDED (PASSING AND FAILING) ON A REGULAR AND IMMEDIATE BASIS.
- 12. THE ENTIRE PROJECT SITE SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF THE WORK. CLEAN ALL INSTALLED PIPELINES, STRUCTURES, SIDEWALKS, PAVED AREAS, ACCUMULATED SILT IN PONDS, PLUS ALL ADJACENT AREAS AFFECTED BY CONSTRUCTION, AS DIRECTED BY THE OWNER OR JURISDICTIONAL AGENCY. EQUIPMENT TO CLEAN THESE SURFACES SHALL BE SUBJECT TO APPROVAL BY THE OWNER

UTILITY GENERAL NOTES

- 1. THE UTILITY DATA SHOWN ON THESE PLANS WAS LOCATED BY THE RESPECTIVE UTILITY, OR IS BASED ON UTILITY DRAWINGS, MAPS, OR FIELD RECONNAISSANCE.
- 2. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATIONS OF THESE UTILITIES WITH THE OWNER OF THE UTILITY, THE CONTRACTORS SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY, ANY UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, THAT INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE CLOSELY COORDINATED ITH THE ENGINEER AND THE RESPECTIVE UTILITY COMPANY FOR RELOCATION OR PROPER INSTRUCTION.
- 3. A SINGLE POINT UTILITY IDENTIFICATION SERVICE HAS BEEN SET UP FOR EXISTING UTILITIES. THE CONTRACTOR IS TO CONTACT THE SUNSHINE STATE ONE CALL CENTER BY DIALING "811" AT LEAST TWO (2) AND NO MORE THAN FIVE (5) WORKING DAYS PRIOR TO THE SPECIFIC CONSTRUCTION ACTIVITY FOR FIELD LOCATION. NOTE THAT NOT ALL UTILITIES PARTICIPATE IN THIS PROGRAM. THE CONTRACTOR SHOULD CONTACT ALL NON-PARTICIPATING UTILITIES SEPARATELY FOR FIELD LOCATION OF THEIR FACILITIES AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. PER FLORIDA STATUTE 553.851, THE CONTRACTOR OR EXCAVATOR IS REQUIRED TO NOTIFY THE GAS COMPANY TWO (2) WORKING DAYS PRIOR TO STARTING EXCAVATION.
- 4. THE CONTRACTOR SHALL KEEP LOCATE TICKETS UP TO DATE AT ALL TIMES.

CONTRACTOR SHALL PERFORM SATISFACTORY PRETESTING PRIOR TO NOTIFICATION.

- 5. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH EACH UTILITY AND ALL COSTS ASSOCIATED WITH THE PROTECTION OF EXISTING FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO DINATE NECESSARY RELOCATIONS OR OTHER CONSTRUCTION RELATED MATTERS WITH EACH UTILITY
- 6 IT SHALL RETHE CONTRACTORS RESPONSIBILITY TO MAINTAIN IN SERVICE ALL EXISTING PIPING ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE DRAWINGS, ANY PIPING WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION OF SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE OWNER AND THE ENGINEER.
- 7. TYPICAL DETAILS AS SHOWN ARE TO ILLUSTRATE THE ENGINEERS INTENT AND ARE NOT PRESENTED AS A SOLUTION TO ALL CONSTRUCTION PROBLEMS ENCOUNTERED IN THE FIELD. THE CONTRACTOR MAY ALTER
- THE METHOD OF CONSTRUCTION TO SUIT FIELD CONDITIONS, PROVIDING HE SUBMITS A PROPOSAL FOR AN ALTERNATE METHOD TO THE ENGINEER FOR APPROVAL AND USES MATERIALS AS DESIGNATED IN THE 8. FOR EACH RESPECTIVE PIPELINE CONSTRUCTION REQUIRED, THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION, DEPTH, AND ALIGNMENT OF ALL EXISTING PIPES, CABLES, ETC. TO BE CROSSED OR CONNECTED

TO. IF THE CONTRACTOR DEEMS NECESSARY (A) A CHANGE IN ALIGNMENT OR DEPTH, OR THE NEED FOR ADDITIONAL FITTINGS, BENDS, OR COUPLINGS, WHICH REPRESENT A DEPARTURE FROM THE CONTRACT DRAWING, OR (B) A NEED FOR RELOCATION OF EXISTING UTILITIES, THEN DETAILS OF SUCH DEPARTURES, RELOCATIONS, OR ADDITIONAL FITTINGS, INCLUDING CHANGES IN RELATED PORTIONS OF THE PROJECT AND

9. THE CONTRACTOR SHALL PROVIDE AT HIS OWN EXPENSE ALL NECESSARY TEST PUMPING EQUIPMENT, WATER, WATER METERS, PRESSURE GAUGES, AND OTHER EQUIPMENT, MATERIAL AND FACILITIES REQUIRED FOR ALL HYDROSTATIC, LEAKAGE, AND PRESSURE TESTING. THE CONTRACTOR SHALL CONTACT THE ENGINEER AND THE OWNER IN WRITTEN FORM, FORTY-EIGHT (48) HOURS IN ADVANCE OF PROPOSED TESTING. THE

THE REASONS THEREFORE, SHALL BE SUBMITTED WITH SHOP DRAWINGS. APPROVED DEPARTURES FOR THE CONTRACTORS CONVENIENCE SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.

AS-BUILT DRAWING REQUIREMENTS

- . AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER THREE WEEKS PRIOR TO FINAL INSPECTION. ALL AS-BUILT DATA SHALL BE PROVIDED BY A FLORIDA LICENSED SURVEYOR, SIGNED
- 2. AT THE COMPLETION OF THE WORK, DELIVER THE DRAWINGS DOCUMENTING AS-BUILT INFORMATION, MEASURED BY A LICENSED SURVEYOR, TO THE ENGINEER, IN GOOD CONDITION AND FREE FROM ANY EXTRANEOUS NOTATION. THE AS-BUILT INFORMATION IS TO INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: A. HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS FOR ALL UTILITY AND STORM STRUCTURES INCLUDING BUT NOT LIMITED TO MANHOLES, INLETS AND CLEANOUTS, INCLUDING STRUCTURE TOP AND INVERT
- B. DISTANCE ALONG PIPELINES BETWEEN STRUCTURES.
- C. STORMWATER POND TOP OF BERM AND POND BOTTOM ELEVATIONS AND HORIZONTAL DIMENSIONS MEASURED AT A MINIMUM OF TEN LOCATIONS PER POND, AT LOCATIONS DESIGNATED BY THE ENGINEER. TOP OF POND HORIZONTAL DIMENSIONS ARE ALSO TO BE TIED TO PROPERTY CORNERS, EASEMENTS, AND RIGHTS-OF-WAY.
- D. STORMWATER CONTROL STRUCTURE DIMENSIONS AND ELEVATIONS, INCLUDING ALL WEIRS, SLOTS, ORIFICES, GRATES, AND SKIMMERS
- E. STORMWATER CONVEYANCE SYSTEMS INCLUDING DIMENSIONS, ELEVATIONS, CONTOURS, AND CROSS SECTIONS
- F. HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS OF ALL UTILITY VALVES, FITTINGS, CONNECTION POINTS, ETC.
- VERTICAL ELEVATIONS OF ALL PIPELINES AT CROSSINGS OF POTABLE WATER MAINS (WHETHER THE WATER MAIN IS EXISTING OR NEW) IN ORDER TO DOCUMENT THAT THE MINIMUM REQUIRED VERTICAL
- H. UTILITY PIPELINE TIED HORIZONTALLY TO EDGE OF PAVEMENT AND RIGHT-OF-WAY LINES, LOCATED EVERY 200-FT PLUS ALL CHANGES IN HORIZONTAL OFFSET. . PAVEMENT WIDTH AND ELEVATIONS AT THE CENTERLINE AND EDGE OF PAVEMENT EVERY 200 FEET PLUS AT ALL CHANGES IN LONGITUDINAL SLOPE, CROSS SLOPE, INLET LOCATIONS, AND AT ALL DRIVEWAY AND
- STREET INTERSECTIONS. FOR PARKING LOTS, RECORD CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS ALONG ALL DRIVE AISLES AND ISLANDS. J. ALL PARKING AREAS AND SIDEWALK RAMPS DESIGNATED FOR HANDICAP ACCESS SHALL CONTAIN HORIZONTAL AND VERTICAL MEASUREMENTS IN ORDER TO VERIFY REQUIRED WIDTHS AND SLOPES HAVE BEEN
- K. HORIZONTAL AND VERTICAL DATA FOR ANY CONSTRUCTION THAT DEVIATES FROM THE APPROVED ENGINEERING DRAWINGS.
- L. WHERE THE PLANS CONTAIN SPECIFIC HORIZONTAL LOCATION DATA, SUCH AS STATION AND OFFSET, THE AS-BUILT DRAWINGS ARE TO REFLECT THE ACTUAL HORIZONTAL LOCATION.

M. WHERE THE PLANS CONTAIN SPECIFIC VERTICAL ELEVATION DATA, THE AS-BUILT DRAWINGS ARE TO REFLECT THE ACTUAL MEASURED VERTICAL ELEVATION. EROSION AND SEDIMENT CONTROL

- EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PROVIDED AND INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION. SEDIMENT CONTROL CONSISTS OF SILT FENCING AND FLOATING TURBIDITY BARRIERS PER FDOT INDEX NO. 102 AND 103. EROSION CONTROL CONSISTS OF SEEDING AND MULCHING, SODDING, WETTING SURFACES, PLACEMENT OF COARSE AGGREGATE, TEMPORARY PAVING
- 2. MAINTAIN TEMPORARY EROSION CONTROL SYSTEMS AS DIRECTED BY OWNER OR GOVERNING AUTHORITIES TO CONTROL EROSION AND SILTATION DURING LIFE OF CONTRACT. OWNER HAS AUTHORITY TO LIMIT IRFACE AREA OF ERODIBLE EARTH MATERIAL EXPOSED BY CLEARING AND GRUBBING, EXCAVATION, TRENCHING, BORROW AND EMBANKMENT OPERATIONS. OWNER ALSO HAS AUTHORITY TO DIRECT CONTRACTOR O PROVIDE IMMEDIATE PERMANENT OR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES
- 3. CONTRACTOR SHALL RESPOND TO EROSION AND SEDIMENT CONTROL MAINTENANCE REQUIREMENTS OR IMPLEMENT ADDITIONAL MEASURES TO CONTROL EROSION ORDERED BY OWNER OR GOVERNING AUTHORITIES WITHIN 48 HOURS OR SOONER IF REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
- 4. CONTRACTOR WILL BE REQUIRED TO INCORPORATE PERMANENT EROSION CONTROL FEATURES INTO PROJECT AT EARLIEST PRACTICAL TIME TO MINIMIZE NEED FOR TEMPORARY CONTROL
- 5. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS REPRESENT A MINIMUM REQUIREMENT. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES NEEDED IN ORDER TO PREVENT THE TRANSFER OF SEDIMENT FROM THE PROJECT AREA AND PREVENT THE EROSION OF SURFACES DURING CONSTRUCTION, AS NEEDED TO PROTECT ADJACENT
- PROPERTIES AND WATER BODIES. 6. GRASS ALL DISTURBED AREAS WITHIN 7 DAYS OF INITIAL DISTURBANCE. TYPE OF GRASSING SHALL BE AS FOLLOWS: TEMPORARY GRASSING TO BE SODDING AT ALL DRAINAGE STRUCTURES, RETENTION AREAS
- SWALES AND DITCHES, AND WHERE SLOPES ARE STEEPER THAN 5:1. TEMPORARY GRASSING CAN BE SEED AND MULCH AT ALL OTHER LOCATIONS UNLESS OTHERWISE INDICATED IN THE DRAWINGS OR
- 1. INSPECT EVERY TWO WEEKS DURING CONSTRUCTION. REMOVE ANY SEDIMENT BUILD-UP. REPAIR AND REINSTALL ANY DAMAGED OR MISSING SEDIMENT CONTROL MEASURES. INSTALL ADDITIONAL MEASURES IF
- 8. AREAS TO BE PAVED SHALL BE TREATED WITH A BITUMINOUS PRIME COAT AND SANDED TO MINIMIZE EROSION, WHERE PAVING IS SCHEDULED TO OCCUR MORE THAN 48 HOURS AFTER INSTALLATION OF BASE COURSE. AREAS TO RECEIVE CONCRETE PAVING SHALL BE EITHER PROTECTED WITH A LAYER OF FDOT COARSE AGGREGATE MATERIAL OR SHALL BE PAVED WITHIN 48 HOURS OF INSTALLATION OF THE SUBGRADE. INSTALL FINAL SURFACE COURSES WITHIN 14 DAYS AFTER REMOVAL OF EXISTING PAVEMENT.

- 1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A MAINTENANCE OF TRAFFIC (M.O.T.) PLAN PRIOR TO CONSTRUCTION. THE M.O.T. PLAN SHALL SHOW ALL PROPOSED TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, AND BARRICADES, AND SHALL DETAIL ALL PROPOSED CONSTRUCTION SEQUENCING. THE M.O.T. PLAN SHALL BE APPROVED BY THE ENGINEER, OWNER, AND ROADWAY JURISDICTIONAL AGENCY PRIOR TO CONSTRUCTION, ALL PROPOSED ROADWAY AND DRIVEWAY LANE CLOSURES SHALL BE RESTRICTED TO THE HOURS BETWEEN 9:00 A.M. AND 4:00 P.M. UNLESS OTHERWISE AUTHORIZED IN THE APPROVED M.O.T
- 2. ALL CONSTRUCTION SIGNING AND MARKINGS SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION IN ACCORDANCE WITH FDOT INDEX NO. 600 AND THE MANUAL ON UNIFORM AFFIC CONTROL DEVICES (MUTCD). THE PLACEMENT OF THE SIGNING AND MARKINGS SHALL BE APPROVED IN THE FIELD BY THE ENGINEER PRIOR TO CONSTRUCTIO
- 3. INSPECT TRAFFIC CONTROL DEVICES ON A DAILY BASIS TO ENSURE PLACEMENT OF BARRICADES AND FUNCTION OF LIGHTS IS MAINTAINED THROUGHOUT CONSTRUCTION.
- 4. CONTACT PROPERTY OWNERS AFFECTED BY CONSTRUCTION. COORDINATE TEMPORARY DRIVEWAY CLOSURES AND SEQUENCING. MAINTAIN ACCESS FOR ALL PROPERTY OWNERS DURING CONSTRUCTION.
- 5. WET UNSTABILIZED AREAS AS NECESSARY TO CONTROL DUST.
- 6. ADJUST TRAFFIC CONTROL DEVICES AS REQUIRED UNDER EMERGENCY CONDITIONS.
- 7. THE CONTRACTOR IS EXPECTED TO COORDINATE ITS ACTIVITIES WITH OTHER CONTRACTORS WHO MAY BE WORKING IN THE IMMEDIATE VICINITY
- 8. WHEN WORK OCCURS WITHIN 15-FT OF ACTIVE ROAD TRAVEL LANES BUT NO CLOSER THAN 2-FT FROM THE EDGE OF PAVEMENT, SIGNAGE AND WARNING DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH FDOT
- 9. TYPE I OR TYPE II BARRICADES AT 20-FT CENTERS SHALL BE PLACED AND MAINTAINED ALONG THE EDGE OF THE ROAD WHEREVER DROP-OFFS OR OTHER HAZARDS EXIST AND TO BLOCK ENTRANCE INTO COMPLETED OR PARTIALLY COMPLETED PAVEMENTS UNTIL SUCH PAVEMENTS ARE OPEN TO PUBLIC USE.

SITE PREPARATION

- UNLESS OTHERWISE DIRECTED BY THE OWNER OR ENGINEER. THE CONTRACTOR IS EXPECTED TO CONTAIN ALL CONSTRUCTION ACTIVITIES WITHIN THE PROPERTY, RIGHT-OF-WAY, AND EASEMENTS AS INDICATED ON THE DRAWINGS. AT NO TIME SHALL THE CONTRACTOR DISTURB SURROUNDING PROPERTIES OR TRAVEL ON SURROUNDING PROPERTIES WITHOUT WRITTEN CONSENT FROM THE PROPERTY OWNER. ANY REPAIR OF RECONSTRUCTION OF DAMAGED AREAS IN SURROUNDING PROPERTIES SHALL BE REPAIRED BY THE CONTRACTOR ON AN IMMEDIATE BASIS. ALL COSTS FOR REPAIRS SHALL BE THE RESPONSIBILITY OF THE
- 2 STAKE OUT THE CONSTRUCTION ESTABLISH LINES AND LEVELS TEMPORARY RENCH MARKS RATTER ROADDS CENTERLINES RASELINES AND REFERENCE POINTS FOR THE WORK AND VERIEVALL DIMENSIONS. RELATING TO INTERCONNECTION WITH EXISTING FEATURES. REPORT ANY INCONSISTENCIES IN THE PROPOSED GRADES, LINES AND LEVELS, DIMENSIONS AND LOCATIONS TO THE ENGINEER BEFORE COMMENCING
- 3. PROTECT ALL TREES AND SHRUBS LOCATED OUTSIDE THE RIGHT-OF-WAY, EASEMENTS, AND OWNER SECURED PROPERTY, PARTICULARLY THOSE TREES AND SHRUBS LOCATED ADJACENT TO WORK AREAS.
- 4. WITHIN THE RIGHT-OF-WAY, EASEMENTS, AND OWNER SECURED PROPERTY, THE INTENT IS TO ALLOW TREES AND SHRUBS TO REMAIN IN ACCORDANCE WITH THE FOLLOWING SCHEDULE: NEW ROADW. CONSTRUCTION - TREES AND SHRUBS TO REMAIN WHERE LOCATED MORE THAN 15 FEET FROM THE BACK OF CURB, OR OUTSIDE THE LIMITS OF EXCAVATION OR FILL AREAS, WHICHEVER IS FURTHER. UTILITY PIPELINE
- 5. TREES TO REMAIN IN THE CONSTRUCTION AREA SHALL BE BOXED, FENCED OR OTHERWISE PROTECTED IN ACCORDANCE WITH DETAILS ON THE DRAWINGS. DO NOT PERMIT HEAVY EQUIPMENT OR STOCKPILES WITHIN
- 3. AREAS TO RECEIVE CLEARING AND GRUBBING SHALL INCLUDE ALL AREAS TO BE OCCUPIED BY THE PROPOSED IMPROVEMENTS, AREAS FOR FILL AND SITE GRADING, AND BORROW SITES. REMOVE TREES OUTSIDE OF HESE AREAS ONLY AS INDICATED ON THE DRAWINGS OR AS APPROVED IN WRITING BY THE ENGINEER.
- 7. CLEARING SHALL CONSIST OF REMOVING TREES AND BRUSH AND DISPOSAL OF OTHER MATERIALS THAT ENCROACH UPON OR OTHERWISE OBSTRUCT THE WORK

8. EXERCISE EXTREME CARE DURING THE CLEARING AND GRUBBING OPERATIONS. DO NOT DAMAGE EXISTING STRUCTURES, PIPES OR UTILITIES.

- 9. GRUBBING SHALL CONSIST OF REMOVING AND DISPOSING OF STUMPS, ROOTS LARGER THAN T IN DIAMETER, AND MATTED ROOTS. REMOVE TO A DEPTH OF NOT LESS THAN 18" BELOW THE ORIGINAL SURFACE LEVEL
- 10. ALL COMBUSTIBLE DEBRIS AND REFUSE FROM SITE PREPARATION OPERATIONS SHALL BE REMOVED TO LEGAL OFFSITE DISPOSAL AREAS.

- GRADING SHOWN ON THESE PLANS ARE PROVIDED TO THE CONTRACTOR TO EXPRESS THE GENERAL GRADING INTENT OF THE PROJECT. THE CONTRACTOR SHALL BE EXPECTED TO GRADE THE ENTIRE SITE TO ROVIDE POSITIVE DRAINAGE IN ALL AREAS THROUGHOUT THE SITE. SMOOTH TRANSITIONS SHALL BE PROVIDED BETWEEN CONTOURS OR SPOT ELEVATIONS AS SHOWN ON THE PLANS TO ACCOMPLISH THE GRADINI NTENT. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADING HAS BEEN COMPLETED. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER PRIOR TO DEMOBILIZATION OF GRADING EQUIPMENT TO DETERMINE THAT THE GRADING INTENT HAS BEEN ACHIEVED.
- 2. ALL PAVING SURFACES IN INTERSECTIONS AND ADJACENT SECTIONS SHALL BE GRADED TO DRAIN POSITIVELY AND TO PROVIDE A SMOOTHLY TRANSITIONED DRIVING SURFACE FOR VEHICLES WITH NO SHARP BREAK IN GRADE, AND NO UNUSUALLY STEEP OR REVERSE CROSS SLOPES. THE STANDARD CROWN MAY HAVE TO BE CHANGED IN ORDER TO DRAIN POSITIVELY IN THE AREA OF INTERSECTIONS. IT IS THE CONTRACTORS NSIBILITY TO ACCOMPLISH THE ABOVE AND THE ENGINEER SHALL BE CONSULTED SO THAT HE MAY MAKE ANY AND ALL REQUIRED INTERPRETATIONS OF THE PLANS OR GIVE SUPPLEMENTARY INSTRUCTIONS TO
- 3. UNIFORMLY SMOOTH GRADE THE SITE. DEPRESSIONS FROM SETTLEMENT SHALL BE FILLED AND COMPACTED. TOPS OF EMBANKMENTS AND BREAKS IN GRADE SHALL BE ROUNDED. FINISHED SURFACES SHALL BE REASONABLY SMOOTH, COMPACTED, FREE FROM IRREGULAR SURFACE CHANGES AND COMPARABLE TO THE SMOOTHNESS OBTAINED BY BLADE GRADER OPERATIONS
- 4. SLOPE GRADES TO DRAIN AWAY FROM STRUCTURES AT A MINIMUM OF 'A-INCH PER FOOT FOR 10 FEET. FINISHED SURFACES ADJACENT TO PAVED AREAS AND WITHIN 10 FEET OF STRUCTURES SHALL BE WITHIN 1 INCH OF THE PROPOSED GRADE. ALL OTHER AREAS SHALL BE WITHIN 3 INCHES OF THE PROPOSED GRADE.
- 5. NEWLY GRADED AREAS SHALL BE PROTECTED FROM TRAFFIC AND EROSION. ALL SETTLEMENT OR WASHING AWAY THAT MAY OCCUR FROM ANY CAUSE PRIOR TO SEEDING OR ACCEPTANCE SHALL BE REPAIRED AND RADES RE_ESTABLISHED TO THE REQUIRED ELEVATIONS AND SLOPES AT NO ADDITIONAL COST TO THE OWNER **EXCAVATION, TRENCHING, AND FILL**
- . THE CONTRACTOR SHALL RECOGNIZE AND ABIDE BY ALL OSHA EXCAVATION SAFETY STANDARDS, INCLUDING THE FLORIDA TRENCH SAFETY ACT (FS 553.60-553.64). ANY MATERIAL, CONSTRUCTION METHODS, OR MATERIAL COST TO COMPLY WITH THESE LAWS SHALL BE INCIDENTAL TO THE CONTRACT.
- 2. ROUGH EXCAVATE AND GRADE ANY PROPOSED STORMWATER PONDS AT THE START OF SITE GRADING ACTIVITIES. DIRECT SITE RUNOFF TOTHE PONDS TO MINIMIZE RUNOFF TO OFFSITE AREAS.
- 3. POND CONSTRUCTION SHALL RESULT IN THE FINISHED POND HAVING SIDE SLOPES AND DIMENSIONS THAT ARE IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS, IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO ENSURE THAT THESE REQUIREMENTS HAVE BEEN MET. IF THE CONSTRUCTED SIDE SLOPES ARE STEEPER THAN THE REQUIRED SIDE SLOPES, OR THE POND VOLUME IS NOT WITHIN THREE (3) PERCENT OF THE DESIGN VOLUME, THE CONTACTOR MAY BE REQUIRED TO MAKE CORRECTIONS TO THE POND AT NO ADDITIONAL COST TO THE OWNER.
- 4. FIELD DENSITY TESTING FREQUENCIES: A) ONE TEST FOR EACH 10,000 SQUARE FEET OR FRACTION THEREOF PER LIFT OF GENERAL BACKFILLING, MINIMUM 2 TESTS EACH LAYER; B) ONE TEST FOR EACH 100 SQUARE FEET OR FRACTION THEREOF OF BACKFILL AROUND AND UNDER STRUCTURES; C) ONE TEST FOR EACH 300 LINEAL FEET OR FRACTION THEREOF PER LIFT OF GENERAL BACKFILLING IN THE PIPELINE TRENCH; D) ONE TEST PER LIFT PER EACH CHANGE IN TYPE OF FILL; E) ONE TEST PER 1000 SQUARE FEET OF PAVEMENT SUBGRADE, MINIMUM OF 2 TESTS.
- 5. IT IS INTENDED THAT PREVIOUSLY EXCAVATED MATERIALS CONFORMING TO THE FOLLOWING REQUIREMENTS BE UTILIZED WHEREVER POSSIBLE
- A. ACCEPTABLE MATERIALS: AASHTO M145 CLASSIFICATION A-1, A-3, A-2-4, A-2-6; ASTM D2487 CLASSIFICATION GW, GP, GM, SM, SW, SP; UNLESS OTHERWISE DISAPPROVED WITHIN THE SOIL AND SUBSURFACE INVESTIGATION REPORTS. NO MORE THAN 12% OF ACCEPTABLE MATERIALS SHALL PASS THE NUMBER 200 SIEVE
- B. UNACCEPTABLE MATERIALS: AASHTO M145 CLASSIFICATION A-2-5, A-2-7, A-4, A-5, A-6, A-7, A-8; ASTM D2487 CLASSIFICATION GC, SC, ML, MH, CL, CH, OL, OH, PT; UNLESS OTHERWISE APPROVED WITHIN THE SOIL AND
- 6. PROVIDE BARRIERS. WARNING LIGHTS AND OTHER PROTECTIVE DEVICES AT ALL EXCAVATIONS.

SOILS, AND REPLACE OVER EXCAVATED MATERIAL WITH SUITABLE SOILS.

- 1. SIDEWALKS, ROADS, STREETS, AND PAVEMENTS SHALL NOT BE BLOCKED OR OBSTRUCTED BY EXCAVATED MATERIALS, EXCEPT AS AUTHORIZED BY THE ENGINEER, IN WHICH CASE ADEQUATE TEMPORARY PROVISIONS MUST BE MADE FOR SATISFACTORY TEMPORARY PASSAGE OF PEDESTRIANS, AND VEHICLES. MINIMIZE INCONVENIENCE TO PUBLIC TRAVEL OR TO TENANTS OCCUPYING ADJOINING PROPER
- 8. FURNISH, INSTALL, AND MAINTAIN, WITHOUT ADDITIONAL COMPENSATION, SHEETING, BRACING, AND SHORING SUPPORT REQUIRED TO KEEP EXCAVATIONS WITHIN THE PROPERTY OR EASEMENTS PROVIDED, TO PORT THE SIDES OF THE EXCAVATION, AND TO PREVENT ANY MOVEMENT WHICH MAY DAMAGE ADJACENT PAVEMENTS OR STRUCTURES, DAMAGE OR DELAY THE WORK, OR ENDANGER LIFE AND HEALTH. VOIDS OUTSIDE THE SUPPORTS SHALL BE IMMEDIATELY FILLED AND COMPACTED.
- 9. ALL EXCAVATIONS SHALL BE MADE BY OPEN CUT UNLESS OTHERWISE INDICATED. SLOPE SIDES OF TRENCHES IN ACCORDANCE WITH OSHA REQUIREMENTS AND THE RECOMMENDATIONS CONTAINED WITHIN THE
- PROJECT GEOTECHNICAL REPORT. 10. EXCAVATE TRENCHES TO DEPTH INDICATED OR REQUIRED FOR INDICATED FLOW LINES AND INVERT ELEVATIONS. OVER EXCAVATE TRENCHES A MINIMUM OF 2 FEET WHERE EXCAVATIONS OCCUR WITHIN UNSUITABLE
- 11. EXCEPT AS OTHERWISE INDICATED, EXCAVATE FOR PRESSURE PIPING SO TOP OF PIPING IS MINIMUM 3 FEET BELOW FINISHED GRADE.
- 12. TRENCH BOTTOMS AND THE BOTTOMS OF ALL STRUCTURES SHALL BE KEPT DRY, COMPACTED, AND STABLE TO A DEPTH TWO FEET BELOW THE BOTTOM OF THE TRENCH OR STRUCTURE. 13. ALL BEDDING, FILL, AND BACKFILL MATERIAL SHALL BE SUITABLE SOILS OR FLOWABLE FILL. WHERE TRENCH OR EXCAVATION IS WITHIN THE INFLUENCE AREA OF ROADWAYS, STRUCTURES, FOUNDATIONS, OR SLABS,
- PLACE BACKFILL IN LAYERS OF 8 INCH LOOSE DEPTH. IN ALL OTHER AREAS, PLACE FILL AND BACKFILL IN LAYERS OF 12 INCH LOOSE DEPTH.
- 14. MINIMUM DENSITY REQUIREMENT (ASTM D1557 OR AASHTO T180): BACKFILL AND FILL UNDER AND WITHIN THE INFLUENCE AREA OF ROADWAYS, STRUCTURES, SLABS, FOUNDATIONS = 98 PERCENT; BACKFILL AND FILL PLACED WITHIN PUBLIC ROAD RIGHT-OF-WAY AND UTILITY EASEMENTS = 95 PERCENT; BACKFILL AND FILL PLACED WITHIN POND AND ROAD EMBANKMENT = 95 PERCENT; BACKFILL AND FILL OTHER

- 1. THE HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SANITARY SEWER, STORM SEWER, WASTEWATER FORCE MAINS, STORMWATER FORCE MAINS, RECLAIMED WATER MAINS AND ONSITE SEWAGE REATMENT AND DISPOSAL SYSTEMS SHALL BE IN ACCORDANCE WITH THE FOLLOWING
- A. THE OUTSIDE OF WATER MAINS SHALL BE A MINIMUM OF THREE FEET FROM THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, VACUUM TYPE SANITARY SEWER AND B. THE OUTSIDE OF WATER MAINS SHALL BE A MINIMUM OF SIX FEET FROM THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY SANITARY SEWER AND WASTEWATER FORCE MAIN. THE MINIMUM HORIZONTA
- SEPARATION DISTANCE BETWEEN THE OUTSIDE OF WATER MAINS AND THE OUTSIDE OF GRAVITY SANITARY SEWERS CAN BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS AT LEAST SIX C. THE OUTSIDE OF WATER MAINS SHALL BE A MINIMUM OF TEN FEET FROM ALL PARTS OF ANY EXISTING OR PROPOSED ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM SUCH AS SEPTIC TANKS, DRAINFIELDS,
- AND GREASE TRAPS. ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS DO NOT INCLUDE PACKAGE SEWAGE TREATMENT FACILITIES AND PUBLIC WASTEWATER TREATMENT FACILITIES. 2. THE VERTICAL SEPARATION BETWEEN WATER MAINS AND SANITARY AND STORM SEWER, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER MAINS SHALL BE IN ACCORDANCE WITH THE
- A. WHEREVER POSSIBLE, WATER MAINS SHALL CROSS OVER EXISTING OR PROPOSED GRAVITY SANITARY SEWER, VACUUM TYPE SANITARY SEWER, AND STORM SEWER, SO THE OUTSIDE OF THE WATER MAIN IS AT EAST SIX INCHES ABOVE THE OUTSIDE OF THE SEWER. WHERE IT IS NOT POSSIBLE FOR THE WATER MAIN TO CROSS OVER EXISTING OR PROPOSED GRAVITY SANITARY SEWER, VACUUM TYPE SANITARY SEWER AND STORM SEWER. THEN THE WATER MAIN CAN CROSS UNDER THESE TYPES OF PIPELINE SYSTEMS PROVIDED THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE PIPELINE. A THE CROSSING, THE PROPOSED PIPE JOINTS SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM VACUUM TYPE SANITARY SEWER OR STORM SEWER JOINTS, AND AT LEAST
- B. WHEREVER POSSIBLE, WATER MAINS SHALL CROSS OVER EXISTING OR PROPOSED RECLAIMED WATER MAINS, WASTEWATER FORCE MAINS AND STORMWATER FORCE MAINS, WHETHER THE WATER MAIN CROSSES OVER OR UNDER THESE TYPES OF PIPELINE SYSTEMS, THE OUTSIDE OF THE WATER MAIN SHALL BE AT LEAST 12 INCHES FROM THE OUTSIDE OF THE EXISTING OR PROPOSED RECLAIMED WATER MAIN, WASTEWATER FORCE MAIN AND STORMWATER FORCE MAIN. AT THE CROSSING, THE PROPOSED PIPE JOINTS SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM RECLAIMED WATER MAIN JOINTS AND STORMWATER FORCE MAIN JOINTS, AND AT LEAST SIX FEET FROM THE JOINTS OF WASTEWATER FORCE MAIN:
- 3. NO WATER MAIN SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SANITARY SEWER MANHOLE.
- 4. NEW OR RELOCATED FIRE HYDRANTS SHALL BE LOCATED SUCH THAT THE UNDERGROUND DRAIN (WEEP HOLE) IS AT LEAST A. THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, RECLAIMED WATER MAIN, OR VACUUM TYPE SANITARY SEWER.
- B. SIX FEET FROM ANY EXISTING OR PROPOSED GRAVITY SANITARY SEWER AND WASTEWATER FORCE MAIN

PACKAGE SEWAGE TREATMENT FACILITIES AND PUBLIC WASTEWATER TREATMENT FACILITIES

- C. TEN FEET FROM ANY ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM SUCH AS SEPTIC TANKS, DRAINFIELDS, AND GREASE TRAPS. ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS DO NOT INCLUDE
- 5. THE FOLLOWING ARE ACCEPTABLE ALTERNATIVE CONSTRUCTION VARIANCES WHERE IT IS NOT POSSIBLE TO MEET THE SEPARATION REQUIREMENTS, AND ARE ONLY TO BE IMPLEMENTED UPON RECEIPT O EXPRESSED WRITTEN CONSENT FROM THE ENGINEER. IMPLEMENTATION OF THESE MEASURES WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ENGINEER COULD RESULT IN THE REQUIREMENT THAT THE
- INSTALLED UNAPPROVED MEASURES BE REMOVED AND REPLACED AT NO COST
- A. WHERE A WATER MAIN IS LESS THAN THE REQUIRED MINIMUM HORIZONTAL DISTANCE FROM ANOTHER PIPELINE AND OR WHERE A WATER MAIN CROSSES ANOTHER PIPELINE AND JOINTS IN THE WATER MAIN ARE LESS THAN THE MINIMUM REQUIRED DISTANCE BETWEEN THE JOINTS IN THE OTHER PIPELINE:
- 1) USE OF PRESSURE RATED PIPE CONFORMING TO AWWA STANDARDS FOR A GRAVITY OR VACUUM TYPE PIPELINE

must be verified on any electronic copies.

- 2) USE OF WELDED, FUSED, OR OTHERWISE RESTRAINED JOINTS FOR EITHER PIPELINE. 3) USE OF WATERTIGHT CASING PIPE OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR EITHER PIPE
- B. WHERE A WATER MAIN IS LESS THAN THREE FEET HORIZONTALLY FROM ANOTHER PIPELINE AND OR WHERE A WATER MAIN CROSSES ANOTHER PIPELINE LESS THAN THE REQUIRED MINIMUM SEPARATION:
- 1) USE OF PIPE OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (AT LEAST EQUAL TO 0.25 INCH THICK DUCTILE IRON PIPE), OR CONCRETE ENCASEMENT AT LEAST FOUR INCHES THICK FOR THE WATER MAIN AND FOR THE OTHER PIPELINE IF THE OTHER PIPELINE COVEYS WASTEWATER OR RECLAIMED WATER

This item has been digitally signed and sealed by Jorge Szauer, PE. On May 7, 2025.

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WATER AND RECLAIMED WATER DISTRIBUTION SYSTEMS

- . THE ENTITY THAT WILL OPERATE AND MAINTAIN THE WATER SYSTEMS SHOWN ON THESE PLANS IS THE CITY OF HOLLYWOOD. THE CONTRACTOR SHALL MEET ALL THE REQUIREMENTS OF THE CITY OF
- 2. ALL WATER AND RECLAIMED MAIN PIPE SHALL BE EITHER DUCTILE IRON OR PVC, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- 3. INSTALL ALL WATER AND RECLAIMED MAINS AT A MINIMUM 36 INCHES OF COVER
- 4. BURIED DUCTILE IRON PIPE SHALL CONFORM WITH ANSI/AWWA C150/A21.50 AND C151/ A21.51, AND SHALL HAVE A MINIMUM WORKING PRESSURE OF 150 PSI. BURIED PIPE SHALL COMPLY WITH THE FOLLOWING PRESSURE CLASS (PC) DESIGNATIONS UNLESS OTHERWISE INDICATED ON THE DRAWINGS: A) 12" DIAMETER AND SMALLER = PC 350; B) 14" THROUGH 24" DIAMETER = PC 250; C) 30" THROUGH 64" DIAMETER = PC 200.
- 5. EXPOSED PIPE 4" AND LARGER SHALL BE DUCTILE IRON FLANGED AND SHALL CONFORM WITH AWWA/ANSI C115/A21.15, AND SHALL HAVE A MINIMUM WORKING PRESSURE OF 150 PSI. FLANGED PIPE SHALL COMPLY WITH THE FOLLOWING THICKNESS CLASS (TC) DESIGNATIONS UNLESS OTHERWISE INDICATED ON THE DRAWINGS: A) 4" DIAMETER = TC 54; B) T THROUGH 24" DIAMETER = TC 53
- 6. DUCTILE IRON PIPE AND FITTINGS WITHIN 10 FEET OF GAS MAINS SHALL HAVE AN 8-MIL POLYETHYLENE WRAP IN ACCORDANCE WITH ANSI/AWWA C105/A21.5.
- 7. PVC PIPE 4" 17 SHALL CONFORM TO AWWA C900. PIPE 14" 36" SHALL CONFORM TO AWWA C905. PIPE SHALL CONFORM TO ASTM D1784, TYPE I, GRADE I, 4000 PSI DESIGN STRESS, AND SHALL BE NATIONAL SANITATION FEDERATION (NSF) APPROVED. PIPE SHALL BE CLASS 150 (DR18) WITH MARKINGS ON EACH SECTION SHOWING CONFORMANCE TO THE ABOVE SPECIFICATIONS. JOINTS SHALL BE RUBBER GASKETED CONFORMING TO AWWA C900 OR C905 THE BELL SHALL BE INTEGRAL WITH THE PIPE AND OF EQUAL OR GREATER PRESSURE RATING. THE BELL OF PIPE AND FITTINGS USING PUSH-ON JOINTS SHALL HAVE AN INTEGRAL GROOVE TO
- 8. ALL FITTINGS SHALL BE MANUFACTURED OF DUCTILE IRON, CONFORMING TO ANSI/AWWA C110/A21.10 OR ANSI/AWWA C153/A21.53. ALL FULL BODY (C110/A21.10) FITTINGS SHALL BE PRESSURE RATED TO 250 PSI, MINIMUM. ALL COMPACT FITTINGS (C153/A21.53) SHALL BE PRESSURE RATED TO 350 PSI, MINIMUM.
- 9. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE LINED AND COATED. INTERIOR LINING SHALL BE STANDARD THICKNESS CEMENT MORTAR LINING PER ANSI/AWWA C104/A21.4. EXTERIOR COATING FOR BURIED PIPE AND
- 10. EXTERIOR COATING OF EXPOSED PIPE AND FITTINGS SHALL BE FACTORY APPLIED RUST INHIBITING EPDXY PRIMER, MINIMUM 3 MILS DRY FILM THICKNESS. AFTER INSTALLATION, EXTERIOR SURFACES SHALL BE PAINTED WITH TWO COATS TNEMEC SERIES 2 TNEME-GLOSS, GLIDDEN LIFE MASTER PRO HIGH PERFORMANCE ACRYLIC NO. 6900 SERIES, OR EQUAL, AT MINIMUM 4 MILS DRY FILM THICKNESS PER COAT. PAINT COLOR
- 11. MECHANICAL AND PUSH ON JOINTS FOR DUCTILE IRON PIPE AND FITTINGS SHALL BE RUBBER GASKETED, CONFORMING TO ANSI/AWWA C111/A21.11. LUBRICANTS OTHER THAN THAT FURNISHED BY THE PIPE
- 12. ALL FITTINGS SHALL BE RESTRAINED IN ACCORDANCE WITH DIPRA, "THRUST RESTRAINT DESIGNED FOR DUCTILE IRON PIPE". PIPE JOINTS SHALL BE RESTRAINED UPSTREAM AND DOWNSTREAM OF FITTINGS IN FIELD FLEX RING, LOK-RING, US PIPE TR-FLEX, EBAA MEGALUG, OR EQUAL. PVC PIPE JOINTS SHALL BE RESTRAINED USING MECHANICAL DEVICES, UNI-FLANGE BLOCK BUSTER SERIES 1350 OR ENGINEER APPROVED
- 13. ALL SERVICE PIPING (W -T) SHALL BE POLYETHYLENE. SDR-PR PE PIPE SHALL BE MANUFACTURED FROM PE3408 AND SHALL CONFORM TO AWWA C901. ALL PIPE SHALL BE DR9, PRESSURE CLASS 200 PSI. PIPE AND OF THE SAME MATERIAL AS THE PIPE AND SHALL BE OF THE SAME SDR OR LESS. PROVIDE ADAPTERS AS REQUIRED TO JOIN PE PIPE TO PIPE, FITTINGS AND EQUIPMENT OF OTHER MATERIALS.
- 14. ALL SERVICE SADDLES SHALL CONSIST OF DUCTILE IRON BODIES IN ACCORDANCE WITH ASTM A536, WITH DOUBLE STAINLESS STEEL STRAPS, BOLTS, WASHERS AND NUTS. STAINLESS STEEL TO BE TYPE 304. NUTS TO BE TEFLON COATED, DUCTILE IRON BODY TO BE FUSION BONDED NYLON COATING, MINIMUM THICKNESS 12 MILS.

15. ALL SERVICES SHALL INCLUDE THE FOLLOWING: CURB STOPS, UNIONS AS REQUIRED, CORPORATION STOPS. CONFORMANCE WITH AWWA C800 AND C901 IS REQUIRED. THE CONTRACTOR SHALL CUT "W" IN THE TOP

- CURB OF EACH WATER SERVICE AND A "V AT ALL VALVE LOCATIONS. CUT WS AND VS SHALL BE HIGHLIGHTED WITH BLUE PAINT. 16. UNLESS OTHERWISE NOTED IN THE PLANS, THE UTILITY COMPANY SHALL PROVIDE AND INSTALL WATER METERS AND RECLAIMED WATER METERS. CONTRACTOR SHALL CONSTRUCT WATER SERVICE AND RECLAIMED WATER SERVICE TO THE CORPORATION STOP.
- 17. UNLESS OTHERWISE INDICATED OR SPECIFIED, ALL VALVES TWO INCHES AND SMALLER SHALL BE ALL BRASS OR BRONZE; VALVES OVER TWO INCHES SHALL BE IRON BODY, FULLY BRONZE OR BRONZE MOUNTED. OF 16 MILS APPLIED AT THE FACTORY EXTERIOR COATING ON BURIED VALVES SHALL BE RUST INHIBITING EPDXY PRIMER FOLLOWED BY A COAL TAR EPDXY TOTAL MINIMUM DRY FILM THICKNESS OF 16 MILS APPLIED AT THE FACTORY, EXTERIOR COATING OF EXPOSED VALVES SHALL BE FACTORY APPLIED RUST INHIBITING EPDXY PRIMER, MINIMUM 3 MILS DRY FILM THICKNESS. AFTER INSTALLATION, EXTERIOR SURFACES SHALL BE PAINTED WITH TWO COATS TNEMEC SERIES 2 TNEME-GLOSS, GLIDDEN LIFE MASTER PRO HIGH PERFORMANCE ACRYLIC NO. 6900 SERIES, OR EQUAL, AT 4 MILS MINIMUM DRY FILM THICKNESS PER COAT. PAINT COLOR TO BE IN ACCORDANCE WITH LOCAL UTILITY REQUIREMENTS.
- 19. ALL VALVES 12" AND SMALLER SHALL BE GATE VALVES UNLESS OTHERWISE INDICATED ON THE DRAWINGS. GATE VALVES 3 INCHES TO 12 INCHES SHALL CONFORM TO AWWA C509. THE VALVES SHALL BE IRON BODY, AST IRON FULLY ENCAPSULATED MOLDED RUBBER WEDGE COMPLYING WITH ASTM D2000, NON-RISING STEM WITH 0-RING SEALS. VALVES SHALL OPEN COUNTERCLOCKY
- 20. TAPPING VALVES AND SLEEVES SHALL BE APPROVED AWWA TYPE OF THE SIZE REQUIRED. VALVES SHALL CONFORM TO THE REQUIREMENTS OF AWWA C509.
- 21. VALVES 14" AND LARGER SHALL BE BUTTERFLY VALVES. BUTTERFLY VALVES SHALL MEET OR EXCEED THE DESIGN STRENGTH, TESTING AND PERFORMANCE REQUIREMENTS OF AWWA C504, CLASS 150. VALVE BOD SHALL BE MECHANICAL JOINT END TYPE VALVE CONSTRUCTED OF CAST IRON OR DUCTILE IRON. DISC SHALL BE ONE PIECE CAST DESIGN WITH NO EXTERNAL RIBS TRANSVERSE TO FLOW. DISC SHALL BE CAST IRON OR DUCTILE IRON. THE RESILIENT SEAT SHALL MATE WITH A 304 OR 316 STAINLESS STEEL SURFACE.
- 22. VALVE SEATS SHALL BE MECHANICALLY RETAINED, AND MAY BE INSTALLED ON EITHER THE BODY OR DISC. 0-RING SEATS ON VALVE DISCS ARE UNACCEPTABLE SEATS FOR VALVES 14" DIAMETER AND LARGER SHALL BE FULLY FIELD REPLACEABLE WITHOUT THE USE OF SPECIAL TOOLS. OPERATORS OF THE ENCLOSED TRAVELING-NUT TYPE SHALL BE PROVIDED UNLESS
- 23. ALL BURIED VALVES SHALL BE PROVIDED WITH ADJUSTABLE VALVE BOXES APPROXIMATELY 5 INCHES IN DIAMETER WITH A MINIMUM THICKNESS OF 3/16 INCH CAST IRON, BOXES SHALL BE OF SUFFICIENT LENGTH TO DEPERATE ALL VALVES BURIED IN THE GROUND, CONSISTING OF BASE, CENTER SECTION, AND TOP SECTION WITH COVER. VALVE BOXES LOCATED IN UNPAVED AREAS SHALL BE SLIP TYPE DESIGN TO PERMI
- MOVEMENT OF THE TOP SECTION WITHOUT TRANSMITTING FORCES ONTO THE VALVE BODY. VALVE BOXES CAST INTO CONCRETE OR ASPHALT SURFACING SHALL HAVE BRASS COVERS. ALL VALVE BOX COVERS SHALL BE INTERNALLY CHAINED TO VALVE BOXES WITH AN APPROXIMATELY 18 INCH GALVANIZED CHAIN. VALVE BOX COVERS SHALL BE CAST WITH THE INSCRIPTION 'WATER' OR "RECLAIMED WATER' 24. PVC PIPE SHALL BE COLOR CODED BLUE (WATER MAINS) OR PURPLE (RECLAIMED WATER MAINS), STENCILED "WATER LINE" OR "RECLAIMED WATER LINE", AS APPLICABLE, (2" LETTERING ON TWO SIDES OF THE PIPE IN
- 25. INSTALL IDENTIFICATION TAPE ALONG ALL DUCTILE IRON PIPE AND PVC PIPE. MINIMUM THICKNESS 4 MILS. WIDTH 6 INCHES LETTER SIZE 1 INCH. APPLY TAPE TO SURFACE OF PIPE. CONTINUIOUSLY EXTENDING FROM JOINT TO JOINT. TAPE COLOR AND LETTERING SHALL BE BLACK PRINTING ON BLUE BACKGROUND (WATER MAINS), BLACK PRINTING ON PURPLE BACKGROUND (RECLAIMED WATER MAINS). PLACE TAPE AS FOLLOWS 8" PIPE - CENTER ALONG TOP HALF OF PIPE; 10P - 18" PIPE - PLACE ALONG BOTH SIDES OF THE TOP HALF OF PIPE; 20" PIPE AND LARGER - PLACE ON BOTH SIDES OF TOP HALF OF PIPE WITH A THIRD STRIP CENTERED
- 26 INSTALL WARNING TAPE ALONG ALL PIPELINES, PLACED 2 FEET AROVE PIPE, TAPE SHALL RE 6-INCH WIDE VINYL CONTINUOUS TAPE, TAPE SHALL RE COLORED BLUE (WATER MAINS) OR PURPLE (RECLAIMED WATER MAINS) WITH BLACK LETTERING, CODED AND WORDED "CAUTION: WATER MAIN BURIED BELOW", OR "CAUTION: RECLAIMED WATER MAIN BURIED BELOW", APPLICABLE 27. INSTALL LOCATING WIRE ALONG ALL PVC PIPELINES. WIRE SHALL BE COLOR-CODED 14 GAUGE CONTINUOUS INSULATED WIRE. COLOR CODING SHALL BE SIMILAR TO WARNING TAPE COLORS. INSTALL LOCATOR WIRE ALONG ALL PRESSURIZED PIPELINES 7 AND LARGER. LOOP WIRE INTO ALL VALVE BOXES. LOOPING TO OCCUR EVERY 500 FEET MINIMUM. WHERE THERE ARE NO VALVE BOXES TO ALLOW LOOPING, PROVIDE ACCESS
- 28. ALL CHANGES IN DIRECTION SHALL BE MADE WITH FITTINGS OR APPROVED JOINT DEFLECTION. BENDING OF PIPE, EXCEPT COPPER AND POLYETHYLENE, IS PROHIBITED. JOINT DEFLECTION SHALL NOT EXCEED 75% OF
- 29. TEST PROCEDURES SHALL BE APPROVED BY THE ENGINEER. ALL TESTS SHALL BE MADE IN THE PRESENCE OF THE ENGINEER AND UTILITY. NOTIFY THE ENGINEER AND THE UTILITY COMPANIES AT LEAST 72 HOURS
- 30. PROVIDE ALL EQUIPMENT FOR TESTING. INCREMENTS ON GAGES USED FOR LOW PRESSURE AIR TESTING SHALL BE OF SCALED TO THE NEAREST 0.1 PSI. GAGES, PUMPS, AND HOSES SHALL BE IN GOOD WORKING
- 31. ALL SERVICE LINES SHALL BE COMPLETED PRIOR TO TESTING, AND ARE SUBJECT TO THE SAME TESTING REQUIREMENTS AS THE MAIN LINE. 32 APPLY HYDROSTATIC TEST PRESSURE OF 150 PSI (WATER MAINS) 200 PSI (FIRE MAINS) OR 100 PSI (RECLAIMED WATER MAINS) FOR 10 MINUTES AND FOR SUCH ADDITIONAL PERIOD NECESSARY FOR THE ENGINEER TO COMPLETE THE INSPECTION OF THE LINE UNDER TEST. DO NOT EXCEED PIPE MANUFACTURERS SUGGESTED TIME DURATION AT THE TEST PRESSURE. IF DEFECTS ARE NOTED, REPAIRS SHALL BE MADE AND THE TEST REPEATED UNTIL ALL PARTS OF THE LINE WITHSTAND THE TEST PRESSURE.
- 33. APPLY LEAKAGE TEST PRESSURE OF 150 PSI (WATER MAINS), 200 PSI (FIRE MAINS) OR 100 PSI (RECLAIMED WATER MAINS). MAINTAIN PRESSURE AT A MAXIMUM VARIATION OF 5% DURING THE ENTIRE LEAKAGE TEST THE DURATION OF THE LEAKAGE TEST SHALL BE TWO HOURS MINIMUM, AND FOR SUCH ADDITIONAL TIME NECESSARY FOR THE ENGINEER TO COMPLETE INSPECTION OF THE SECTION OF LINE UNDER TEST. LEAKAGE MEASUREMENTS SHALL NOT BE STARTED UNTIL A CONSTANT TEST PRESSURE HAS BEEN ESTABLISHED. THE LINE LEAKAGE SHALL BE MEASURED BY MEANS OF A WATER METER INSTALLED ON THE SUPPLY SIDE OF
- 34. NO LEAKAGE IS ALLOWED IN EXPOSED PIPING, BURIED PIPING WITH FLANGED, THREADED, OR WELDED JOINTS OR BURIED NON-POTABLE PIPING IN CONFLICT WITH POTABLE WATER LINES
- 35. TESTED SECTIONS OF BURIED PIPING WITH SLIP-TYPE OR MECHANICAL JOINTS WILL NOT BE ACCEPTED IF IT HAS A LEAKAGE RATE IN EXCESS OF THAT RATE DETERMINED BY THE FORMULA L = SDP/133200 (AWWA C-600 DUCTILE IRON MAINS), OR L = NDP/7400 (AWWAC-605 - PVC MAIN); WHERE L = MAXIMUM PERMISSIBLE LEAKAGE RATE, IN GALLONS PER HOUR, THROUGHOUT THE ENTIRE LENGTH OF LINE BEING TESTED; S = LENGTH OF LINE TESTED (IN FEET): D = NOMINAL INTERNAL DIAMETER (IN INCHES) OF THE PIPE: N = NUMBER OF JOINTS ALONG LINE BEING TESTED: AND P = THE SOLIARE ROOT OF THE ACTUAL PRESSURE IN PSIG ON ALL JOINTS IN THE TESTED PORTION OF THE LINE. THIS ACTUAL PRESSURE SHALL BE DETERMINED BY FINDING THE DIFFERENCE BETWEEN THE AVERAGE ELEVATION OF ALL TESTED PIPE JOINTS AND THE ELEVATION OF THE
- 36. ALL APPARENT LEAKS DISCOVERED WITHIN ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY THE OWNER SHALL BE LOCATED AND REPAIRED BY CONTRACTOR, REGARDLESS OF THE TOTAL LINE
- 37. DISINFECT ALL POTABLE WATER LINES, FIRE LINES, VALVES, FITTINGS, HYDRANTS.

PRESSURE GAUGE AND ADDING THE DIFFERENCE IN ELEVATION HEAD TO THE AUTHORIZED TEST PRESSURE.

BOXES PER CITY REQUIREMENTS. CHECK WIRE FOR ELECTRICAL CONTINUITY.

8. ALL DISINFECTION WORK SHALL BE ACCEPTABLE TO THE STATE HEALTH AUTHORITY. IF ANY REQUIREMENTS OF THIS SECTION ARE IN CONFLICT WITH REQUIREMENTS OF THE AUTHORITY FOR DISINFECTION, THOSE OF THE AUTHORITY SHALL GOVERN. THE WATER MAIN DISINFECTION AND BACTERIOLOGICAL SAMPLING AND METHODS OF DISINFECTION FOR ALL WATER CONTAINMENT DEVICES AND PIPING SYSTEMS SHALL CONFORM

FIRE PROTECTION SYSTEMS

- 1. COMBUSTIBLE CONSTRUCTION CANNOT OCCUR UNTIL PROPER DOCUMENTATION HAS BEEN SUBMITTED TO THE LOCAL FIRE MARSHAL. DOCUMENTATION SHALL SHOW THAT HYDRANTS HAVE BEEN INSTALLED, TESTED,
- AND ARE IN PROPER WORKING ORDER.
- 2. INSTALL ALL FIRE LINE PIPING AT A MINIMUM 36 INCHES OF COVER.
- 3. ALL FIRE LINE PIPING FROM POINT OF SERVICE AS DEFINED BY FS 633.021(16) SHALL BE C900 DR 14. THE FIRE LINE SHALL BE PRESSURE TESTED TO 200 PSI FOR A MINIMUM OF TWO HOURS, TESTED IN ACCORDANCE
- 4. THE CONTRACTOR INSTALLING THE UNDERGROUND FIRE PROTECTION PIPING SHALL HOLD A CLASS I, II, OR LEVEL V CERTIFICATION AS ISSUED BY THE STATE OF FLORIDA, AS REQUIRED BY FS 633.021(5).
- 5. ALL FIRE PROTECTION SPRINKLER SYSTEMS INSTALLED SHALL COMPLY WITH NFPA 13 (EDITION 2019), AND SHALL BE MONITORED BY A COMPANY LISTED AS A CENTRAL STATION. 6. HYDRANTS SHALL CONFORM TO AWWA C502 AND SHALL BE FURNISHED COMPLETE WITH WRENCH AND OTHER APPURTENANCES. MANUFACTURERS CERTIFICATION OF COMPLIANCE WITH AWWA C502 AND TESTS LISTED THEREIN WILL BE REQUIRED.
- (6") DIAMETER MECHANICAL JOINT INLET, ONE AND ONE-HALF INCH (1-1/2") PENTAGON OPERATING NUT. THE HYDRANTS SHALL OPEN COUNTERCLOCKWISE 8. ALL HYDRANTS SHALL BE PAINTED IN AN APPROVED MANNER WITH THE PRIMER PAINT BEING KOPPER'S "GLAMORTEX" NO. 622 RUST PRIMER AND THE FINISH PAINT SHALL BE TWO COATS OF ENAMEL OR SPECIAL

7. ALL HYDRANTS SHALL BE OF BREAKABLE TYPE, WITH THE BREAKABLE SECTION LOCATED SLIGHTLY ABOVE THE FINISH GROUND LINE. HYDRANTS SHALL CONTAIN TWO-TWO AND A HALF INCH [(2) 2-1/2"] HOSE

NECTIONS AND ONE-FOLIR AND A HALF INCH (4-1/2") STEAMER CONNECTIONS WITH NATIONAL STANDARD FIRE HOSE COUPLING SCREW THREADS, FIVE AND ONE QUARTER INCH (6-1/4") VALVE OPENING, SIX INCH

- 9. BLUE PAVEMENT REFLECTORS (CAT EYES) SHALL BE PLACED IN THE CENTERLINE OF THE DRIVING LANE DIRECTLY IN FRONT OF ALL FIRE HYDRANTS. THERE SHALL BE NO TREES, SHRUBS, OR LANDSCAPING PLANTED
- AROUND THE FIRE HYDRANTS OR IN AREAS DESIGNATED AS FIRE LANES. MAIN, RECLAIMED WATER MAIN, OR VACUUM TYPE SANITARY SEWER; SIX FEET FROM ANY EXISTING OR PROPOSED GRAVITY SANITARY SEWER AND WASTEWATER FORCE MAIN; AND TEN FEET FROM ANY ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM SUCH AS SEPTIC TANKS, DRAINFIELDS, AND GREASE TRAPS. ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS DO NOT INCLUDE PACKAGE SEWAGE TREATMENT
- 11. THE CONTRACTOR SHALL PROVIDE A POST-CONSTRUCTION FIRE FLOW TEST WITNESSED AND APPROVED BY THE ENGINEER AND THE UTILITY. HYDRANTS SHALL DELIVER A MINIMUM OF 1250 GPM WITH A RESIDUAL

SANITARY SEWER SYSTEMS

- 1. THE ENTITY THAT WILL OPERATE AND MAINTAIN THE SEWER SYSTEM SHOWN ON THESE PLANS IS THE CITY OF HOLLYWOOD. THE CONTRACTOR SHALL MEET ALL THE REQUIREMENTS OF THE CITY OF HOLLYWOOD.
- 2. PVC SEWER PIPE SHALL BE TYPE PSM PVC PIPE CONFORMING TO ASTM D3034 AND SHALL BE SDR 35 FOR 4" THROUGH 15", AND ASTM F 679, WALL THICKNESS T-1, FOR PIPE 18" THROUGH 27".
- 3. INSTALL ALL SEWER MAINS AT A MINIMUM 36 INCHES OF COVER.

TOP HALF OF PIPE WITH A THIRD STRIP CENTERED ALONG TOP HALF OF PIPE.

4. JOINTS SHALL MEET THE REQUIREMENTS OF ASTM D3212 USING RUBBER GASKETS CONFORMING TO ASTM F477.

- 5. FITTINGS SHALL CONFORM TO THE SAME REQUIREMENTS AS THE PIPE. PROVIDE ADAPTERS AS REQUIRED TO JOIN PVC PIPE TO PIPE, FITTINGS AND EQUIPMENT OF OTHER MATERIALS. SOLVENT CEMENT SHALL BE AS RECOMMENDED BY THE PIPE MANUFACTURER.
- : PVC SEWER PIPE SHALL BE COLOR CODED GREEN, STENCILED "SEWER LINE" (2. LETTERING ON TWO SIDES OF THE PIPE IN AT LEAST THREE AREAS PER PIPE SECTION). : INSTALL ADHESIVE IDENTIFICATION TAPE ALONG PIPELINE. TAPE SHALL BE MINIMUM THICKNESS 4 MILS, WIDTH 6 INCHES, LETTER SIZE 1 INCH. TAPE COLOR AND LETTERING SHALL BE "SEWER LINE", BLACK PRINTING O GREEN BACKGROUND, PLACE TAPE AS FOLLOWS: - 8" PIPE - CENTER ALONG TOP HALF OF PIPE: 10" - 18" PIPE - PLACE ALONG BOTH SIDES OF THE TOP HALF OF PIPE: 20" PIPE AND LARGER - PLACE ON BOTH SIDES OF
- 8. INSTALL WARNING TAPE ALONG ALL SEWER PIPELINES, TAPE SHALL BE 6-INCH WIDE VINYL CONTINUOUS TAPE, COLORED GREEN WITH BLACK LETTERING CODED AND WORDED "CAUTION: SEWER BURIED BELOW"

- 9. CONNECTIONS TO EXISTING SEWER SHALL BE CONDUCTED IN SUCH A MANNER THAT THE EXISTING SEWER REMAINS IN OPERATION. PROVIDE BY PASS PUMPING OF EXISTING FLOWS OR COLLECT AND LEGALLY
- 10. PRIOR TO INSPECTIONS AND TESTING, CLEAN ALL INSTALLED LINES AND MANHOLES. TEST PROCEDURES SHALL BE APPROVED BY THE ENGINEER. ALL TESTS SHALL BE MADE IN THE PRESENCE OF THE ENGINEER AND
- 11. PROVIDE ALL EQUIPMENT FOR TESTING, INCREMENTS ON GAGES USED FOR LOW PRESSURE AIR TESTING SHALL BE OF SCALED TO THE NEAREST 0.1 PSI. GAGES, PUMPS, AND HOSES SHALL BE IN GOOD WORKING

12. ALL SERVICE LATERALS SHALL BE COMPLETED PRIOR TO TESTING, AND ARE SUBJECT TO THE SAME TESTING REQUIREMENTS AS THE MAIN LINE.

- 13. PROVIDE LIGHT SOURCE AND MIRRORS FOR LAMPING OF SEWER ANY SEWER IN WHICH THE DIRECT LIGHT OF A LAMP CANNOT BE VIEWED IN FITHER DIRECTION. FULL CIRCLE, BETWEEN ADJACENT MANHOLES SHALL BE CONSIDERED UNSATISFACTORY, UNLESS THE LINE IS DESIGNED WITH HORIZONTAL DEFLECTIONS, AND SHALL BE REPAIRED BY THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION.
- 14. CONDUCT LOW PRESSURE AIR TESTING (4.0 PSI INITIAL PRESSURE) OF INSTALLED SEWER PIPING IN ACCORDANCE WITH ASTM F1417. MAXIMUM ALLOWABLE LEAKAGE IS 0.0015 CUBIC FEET PER MINUTE PER SQUARE FOOT INTERNAL SURFACE AREA BEING TESTED. ALLOWABLE AIR PRESSURE DROP DURING THE TEST IS 0.5 PSIG. MINIMUM REQUIRED TEST TIME (DURATION) IS: A) 4* PIPE = 1 MIN 53 SEC; B) 6* PIPE = 2 MIN 50 SEC; OR 0.427 X LENGTH OF PIPE TESTED, WHICHEVER IS GREATER; C) 8" PIPE = 3 MIN 47 SEC, OR 0.760 X LENGTH OF PIPE TESTED, WHICHEVER IS GREATER; D) 10" PIPE = 4 MIN 43 SEC, OR 1.187 X LENGTH OF PIPE TESTED, WHICHEVER IS GREATER; E) 12" PIPE = 5 MIN 40 SEC, OR 1.709 X LENGTH OF PIPE TESTED, WHICHEVER IS GREATER.
- 15. CONDUCT LEAKAGE TESTING OF MANHOLES. PLUG INVERTS AND FILL MANHOLE WITH WATER. ALLOWABLE WATER DROP IN MANHOLE TO BE FIELD DETERMINED BY UTILITY AND ENGINEER. MINIMUM TEST DURATION IS 1
- 16. CONDUCT DEFLECTION TESTING OF PIPELINE AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. MAXIMUM ALLOWABLE PIPE DEFLECTION IS 5%. MEASURE DEFLECTION BY MANUALLY PULLING A MANDREL THROUGH THE PIPE. THE MINIMUM MANDREL OUTER DIAMETER SHALL BE IN ACCORDANCE WITH THE FOLLOWING: 6" SEWER = 5.45" MANDREL; 8" SEWER = 7.28" MANDREL; 10" SEWER = 9.08" MANDREL; 12" SEWER = 10.79" MANDREL; 15" SEWER = 13.20" MANDREL; 18" SEWER = 16.13" MANDREL; 21" SEWER = 19.00" MANDREL; 24" SEWER = 21.36" MANDREL; 27" SEWER = 24.06" MANDREL;
- 17. DEFLECTION TESTING IS CONSIDERED SATISFACTORY IF THE MANDREL CAN BE PULLED BY HAND THROUGH THE PIPE BEING TESTED. IF THE MANDREL CANNOT BE PULLED THROUGH THE PIPE, REPLACE OR CORRECT THE PIPE AND RETEST UNTIL TESTING IS SATISFACTORY. ANY PIPE REMOVED OR CORRECTED DUE TO FAILING DEFLECTION TESTING SHALL ALSO BE RE-TESTED FOR LEAKAGE

PRECAST STRUCTURES AND APPURTENANCES

- 1. ALL MANHOLES SHALL BE PRECAST CONSTRUCTION. THE MINIMUM SIZE DIAMETER OF MANHOLES SHALL BE 48" FOR SEWER LINES 21" IN DIAMETER OR LESS. INTEGRALLY CAST STEPS WITHIN PRECAST STRUCTURES
- E BASES SHALL BE ONE-PIECE PRECAST BASE SECTIONS CONSISTING OF INTEGRALLY CAST SLAB, BOTTOM RING SECTION AND CONCRETE FLOW CHANNELS. BASE SECTIONS SHALL HAVE INTEGRAL INVERTS WITH GASKETS TO MATCH THE PIPE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL INVERT ANGLES. PROVIDE OUTLET STUBS WITH JOINTS TO MATCH THE PIPE.
- 3. RISERS SHALL BE PRECAST REINFORCED CONCRETE PER ASTM C478, MANUFACTURED USING SULFATE RESISTANT CEMENT (ASTM C150, TYPE II). RISERS SHALL BE 48-INCH DIAMETER UNLESS OTHERWISE INDICATED AND SHALL HAVE A MINIMUM WALL THICKNESS OF 5 INCHES.
- 4. GASKETS FOR SEATING PRECAST SECTIONS SHALL BE COLD ADHESIVE PREFORMED PLASTIC GASKETS CONFORMING TO FDOT SPECIFICATION 942-2, UNLESS OTHERWISE INDICATED.
- 5. UNLESS OTHERWISE INDICATED, CONE TOP SECTIONS SHALL BE PRECAST, ECCENTRIC TYPE WITH 24-INCH DIAMETER TOP OPENING CONFORMING TO ASTM C478. PROVIDE 8-INCH MINIMUM THICKNESS FLAT SLAB TOPS
- PVC PIPE TO THE MANHOLE SHALL PROVIDE A WATERTIGHT CONNECTION PER ASTM C923. WHERE CONNECTORS ARE USED, THEY SHALL BE INSTALLED IN THE MANHOLE WALL BY ACTIVATING THE EXPANDING MECHANISM IN STRICT ACCORDANCE WITH THE RECOMMENDATION OF THE CONNECTOR MANUFACTURER. THE USE OF ADHESIVES OR LUBRICANTS FOR INSTALLATION OF RUBBER CONNECTORS IS PROHIBITED
- FRAMES AND COVERS SHALL BE GREY IRON PER ASTM A48, CLASS 30B AND SHALL BE US FOUNDRY TYPE 227AS, TRAFFIC BEARING (AASHTO H-20 LOADING), UNLESS OTHERWISE NOTED IN THE DRAWINGS. CASTINGS SHALL BE SMOOTH, CLEAN, FREE FROM BLISTERS, BLOWHOLES, AND SHRINKAGE. RAISED LETTERING ON COVERS SHALL BE "STORM", "SEWER", OR AS DETAILED ON THE DRAWINGS

8. PROVIDE CAST IRON INLETS, FRAMES, AND GRATES IN ACCORDANCE WITH DETAILS ON THE DRAWINGS. ALL FRAMES AND INLET GRATES SHALL BE PRODUCTS OF U.S. FOUNDRY & MANUFACTURING CORPORATION, OR

A. SANITARY SEWER MANHOLE INTERIOR - BITUMINOUS EPDXY COATING, MINIMUM DRY FILM THICKNESS = 16 MILS

11. AS-BUILT INFORMATION SHALL INCLUDE ALL RIM, TOP AND INVERT ELEVATIONS FOR ALL PRECAST STRUCTURES.

9. ALL INLET GRATES SHALL BE SECURED BY CHAIN AND EYEBOLT TO THE TOP OF THE STRUCTURE.

- 10. MANHOLE COATINGS AND FINISHES SHALL BE:
- B. INTERIOR OF MANHOLES WHICH RECEIVE FORCE MAIN DISCHARGE INTEGRALLY ATTACHED INTERIOR LINER, FULL HEIGHT, FIBERGLASS LINER, LINER THICKNESS TO BE IN ACCORDANCE WITH THE DRAWINGS. C. EXTERIOR - BITUMINOUS EPDXY COATING, MINIMUM DRY FILM THICKNESS = 16 MILS.
- STORM SEWER SYSTEMS ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE INDICATED ON THE DRAWINGS, ROUND CONCRETE PIPE SHALL COMPLY WITH ASTM C76, ELLIPTICAL CONCRETE PIPE SHALL COMPLY WITH ASTM C507. PIPE JOINTS AND 0-RING GASKETS SHALL COMPLY ASTM C443. MINIMUM COVER OVER THE PIPE, INCLUDING COVER OVER THE BELL OF THE PIPE WHERE APPLICABLE, SHALL BE 30 INCHES.

2. RCP PIPE SHALL NOT BE SHIPPED FROM MANUFACTURER UNTIL THE COMPRESSIVE STRENGTH OF THE PIPE HAS REACHED 4000 PSI AND A MINIMUM OF 5 DAYS HAVE PASSED SINCE THE MANUFACTURING OR REPAIR

3. CORRUGATED POLYETHYLENE (PE) PIPE AND FITTINGS SHALL BE HIGH DENSITY. IN ACCORDANCE WITH ASTM D3350. CELL CLASSIFICATION 324420C (4"-10") OR CELL CLASSIFICATION 335420C (17-36"). PIPE 4"-10" SHALL

MPLY WITH AASHTO M252, TYPE S. PIPE 12*-36" SHALL COMPLY WITH AASHTO M294, TYPE S. BELL JOINTS FOR 4*-10" PIPE SHALL BE PUSH-ON SLEEVE. BELL JOINTS FOR 12*-36" PIPE SHALL BE INTEGRALLY FORMER

- OF THE PIPE HAS BEEN COMPLETED
- 4. UNDERDRAIN PIPE SHALL BE PERFORATED POLYVINYL CHLORIDE PIPE IN ACCORDANCE WITH ASTM F758. FILTER FABRIC UNDERDRAIN SOCK SHALL BE TYPE D-3 IN ACCORDANCE WITH FDOT INDEX NO. 199.

ON PIPE. GASKETS SHALL BE INSTALLED BY PIPE MANUFACTURER AND SHALL COMPLY WITH ASTM D1056, GRADE 2A2. FITTINGS SHALL COMPLY WITH AASHTO M294.

5. ALL PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC. FILTER FABRIC SHALL BE IN ACCORDANCE WITH FDOT INDEX NO. 199, TYPE D-3, A.O.S. 70-100. INSTALL IN ACCORDANCE WITH FDOT INDEX NO. 280. PROVIDE 6 INSTALL POLYETHYLENE PIPE IN ACCORDANCE WITH ASTM D2321, BACKFILL AND COMPACT EVENLY ON EACH SIDE TO PREVENT DISPLACEMENT, MINIMUM COVER OVER POLYETHYLENE PIPE SHALL BE AS FOLLOWS: A)

WHICHEVER IS GREATER: B) PIPE UNDER FLEXIBLE PAVEMENT. RIGID PAVEMENT. OR UNPAVED AREAS WHERE BEDDING IS MANUFACTURED AGGREGATES CLASS 1A OR 1B AS DEFINED IN ASTM D2321: MINIMUM COVER

- SHALL BE 30 INCHES OR ONE PIPE DIAMETER, WHICHEVER IS GREATER.
- 7. INSTALL UNDERDRAINS IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 440. INSTALL CLEANOUTS AS SHOWN ON THE DRAWINGS
- 8. PRIOR TO INSPECTIONS AND TESTING, CLEAN ALL INSTALLED LINES AND STRUCTURES. 9. ALL STORM PIPE SHALL BE SUBJECTED TO LEAKAGE TESTING, WHEN THE GROUND WATER LEVEL IS ABOVE THE TOP OF THE PIPE, AN INFILTRATION TEST SHALL BE PERFORMED BY SEALING OFF A LENGTH OF PIPE AND MEASURING THE DEPTH OF FLOW OVER A MEASURING WEIR, OR BY PUMPING THE INFILTRATED WATER INTO CONTAINERS FOR MEASUREMENT. TESTS SHALL BE CONDUCTED FOR A MINIMUM OF FOUR HOURS INFILTRATION LEAKAGE SHALL NOT EXCEED 150 GALLONS PER 24 HOURS, PER INCH DIAMETER, PER MILE OF PIPE. WHEN THE GROUND WATER LEVEL IS BELOW THE TOP OF THE PIPE, THE PIPE SHALL BE TESTED FOR LEAKAGE BY EXFILTRATION. EXFILTRATION LEAKAGE TEST SHALL CONSIST OF ISOLATING THE PARTICULAR SECTION, FILLING WITH WATER TO A POINT 4 FEET ABOVE THE TOP OF THE PIPE AT THE UPPER MANHOLE OR INLET, AND ALLOWING IT TO STAND NOT LESS THAN FOUR HOURS. THE SECTION SHALL THEN BE REFILLED WITH WATER UP TO THE ORIGINAL LEVEL AND AFTER TWO HOURS THE DROP IN WATER SURFACE SHALL BE

MEASURED. THE COMPUTED LEAKAGE SHALL NOT EXCEED 150 GALLONS PER INCH DIAMETER, PER 24 HOURS, PER MILE OF PIPE.

- PAVING, SIDEWALKS, AND CURBING . MATERIALS AND CONSTRUCTION METHODS FOR THE ROADWAY AND PAVING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD
- AND BRIDGE CONSTRUCTION, 2021-22 EDITION. 2. ROADWAY PAVING, BASE, AND SUBGRADE THICKNESSES SHALL BE IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS. MATERIAL STABILITY AND DENSITY REQUIREMENTS ARE AS FOLLOWS:

ASPHALT BASE COURSE TYPE 3 (MIN. STABILITY OF 1000 LBS) AT NO ADDITIONAL COST, PROVIDED STRUCTURAL NUMBER EQUALS OR EXCEEDS THAT OF THE SPECIFIED LIMEROCK BASE

- A. TYPE S ASPHALTIC CONCRETE: MINIMUM STABILITY 1500 LBS, COMPACTED TO A MINIMUM OF 95% OF THE MARSHALL DESIGN DENSITY. FOR OFFSITE PAVEMENT USE TYPE SP PAVEMENT PER THE FDOT STANDARDS B. LIMEROCK BASE: MINIMUM LBR OF 100, PLACED IN 6" MAXIMUM LIFTS, COMPACTED TO A MINIMUM DENSITY OF 98% OF THE MODIFIED PROCTOR DRY DENSITY (AASTHO T-180). CONTRACTOR MAY SUBSTITUTE
- 100) OR CONTROLLED LOW STRENGTH MATERIAL ("FLOWABLE FILL"), F'c (28 DAY) = 100-125 PSI AT NO ADDITIONAL COST, PROVIDED STRUCTURAL NUMBER EQUALS OR EXCEEDS THAT OF THE SPECIFIED SUBGRADE. SIDEWALKS ARE TO BE CONSTRUCTED IN THE AREAS AS SHOWN ON THE CONSTRUCTION PLANS. THE SIDEWALK SHALL BE CONSTRUCTED OF 4" OF CONCRETE WITH A 28-DAY COMPRESSION STRENGTH OF 2500 PSI. JOINTS SHALL BE EITHER TOOLED OR SAW CUT AT A DISTANCE OF 10'. HANDICAPPED RAMPS SHALL BE PROVIDED AT ALL INTERSECTIONS AND SHALL BE IN ACCORDANCE WITH THE FLORIDA ACCESSIBILITY CODE FOR

C. SUBGRADE: STABILIZE TO A MIN. LBR OF 40. COMPACT TO A MINIMUM DENSITY OF 98% OF THE MODIFIED PROCTOR DRY DENSITY (AASTHO T-180). CONTRACTOR MAY SUBSTITUTE LIMEROCK SUBGRADE (MIN. LBR OF

4. CURBING SHALL BE CONSTRUCTED WHERE NOTED ON THE CONSTRUCTION PLANS, CONCRETE FOR CURBS SHALL BE FDOT CLASS "1" CONCRETE WITH A 28-DAY COMPRESSION STRENGTH OF 2500 PSI. ALL CURBS SHALL HAVE SAW CUT CONTRACTION JOINTS AND SHALL BE CONSTRUCTED AT INTERVALS NOT TO EXCEED 10'-0" ON CENTER. CONSTRUCTION OF CURBS SHALL BE IN CONFORMANCE WITH FDOT STANDARI SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) SECTION 520 AND DETAILS PROVIDED ON THE CONSTRUCTION PLANS. . FIELD COMPACTION DENSITY, STABILITY, AND THICKNESS TESTING FREQUENCIES OF SUB-BASE, BASE, AND ASPHALT SHALL BE TESTED ONCE EVERY 300 LINEAR FEET OF PAVING PER 24-FT WIDE STRIP, STAGGERED

LEFT, CENTER AND RIGHT OF CENTERLINE. WHERE LESS THAN 300 LINEAR FEET OF SUB-BASE, BASE, AND ASPHALT IS PLACED IN ONE DAY, PROVIDE MIN. OF ONE TEST FOR EACH PER DAY'S CONSTRUCTION AT A LOCATION DESIGNATED BY THE ENGINEER. ASPHALT EXTRACTION GRADATION SHALL BE TESTED FROM GRAB SAMPLES COLLECTED ONCE EVERY 1800 SQUARE YARDS OF ASPHALT DELIVERED TO THE SITE (OR A

BUILDING CONSTRUCTION, LATEST EDITION.

SIGNS AND PAVEMENT MARKINGS . ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND THE LATEST IMPLEMENTED EDITION OF FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS. STANDARD INDEX NO. 11200, 11860, 11862, 11863, 11864, 11865, 17302, 17344, 17346, 17349, AND 17355 APPLY. GENERALLY, ALL MARKINGS SHALL CONFORM TO THE FOLLOWING: 6" EDGE LINES, 6" LANE LINES. 6" SINGLE CENTERLINES, AND 6" DOUBLE LINE PATTERNS, UNLESS OTHERWISE NOTED ON THE PLANS.

2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC WITH RAISED PAVEMENT MARKERS (TYPE 911 - 4" x 4"). RAISED PAVEMENT MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH THESE PLANS AND FDOT INDEX

4. ALL ROADWAY TRAFFIC SIGNS SHALL BE MANUFACTURED USING HIGH INTENSITY RETROREFLECTIVE MATERIALS. THE BACK OF ALL FINISHED PANELS SHALL BE STENCILED WITH THE DATE OF FABRICATION, THE

- 3. PARKING STALL PAVEMENT MARKINGS SHALL BE PAINTED. PAINT SHALL MEET THE REQUIREMENTS OF FDOT SPECIFICATION SECTION 971, NON-REFLECTIVE WHITE TRAFFIC PAINT.
- 5. INTERNAL SITE TRAFFIC SIGNS ARE NOT REQUIRED TO BE RETROREFLECTIVE.

6. THE CONTRACTOR SHALL VERIFY THE REQUIRED LENGTH OF THE SIGN COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.

7. ALL PAVEMENT MARKINGS REQUIRE LAYOUT APPROVAL IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION

FABRICATOR'S INITIALS, AND THE NAME OF THE SHEETING IN THREE-INCH LETTERS.

8. PRIOR TO FINAL PAVEMENT MARKING INSTALLATION, A TWO WEEK CURE TIME OF THE ASPHALT IS REQUIRED **PAVING TIMING REQUIREMENTS**

. INSTALL SUBGRADE AND BASE COURSE MATERIALS WITHIN 48 HOURS OF THE REMOVAL / OPEN CUTTING OF EXISTING PAVEMENT CONSISTING OF STREETS, DRIVEWAYS, OR SIDEWALK. INSTALL FINAL SURFACE

AREAS TO RECEIVE ASPHALT SHALL RECEIVE EROSION CONTROL MEASURES NO LATER THAN 48 HOURS AFTER ACCEPTANCE OF BASE COURSE. TEMPORARY EROSION CONTROL CONSISTS OF PLACEMENT OF A

- BITUMINOUS PRIME COAT AND SANDING THE SURFACE. PERMANENT EROSION CONTROL CONSISTS OF PLACEMENT OF THE STRUCTURAL COURSE 3. AREAS TO RECEIVE CONCRETE PAVING SHALL BE EITHER PROTECTED WITH A LAYER OF FDOT COARSE AGGREGATE MATERIAL OR SHALL BE PAVED WITHIN 48 HOURS OF ACCEPTANCE OF THE SUBGRADE.

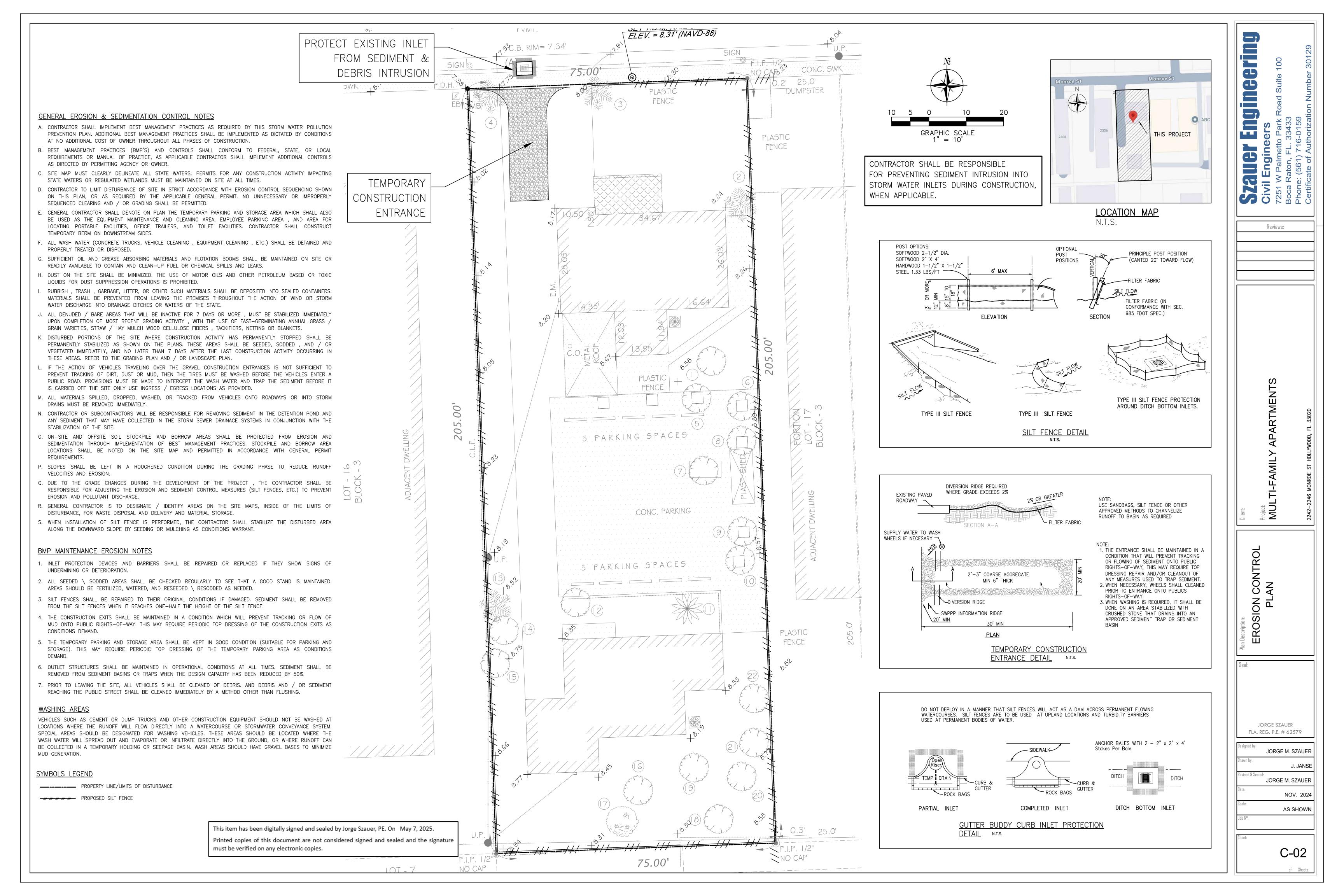
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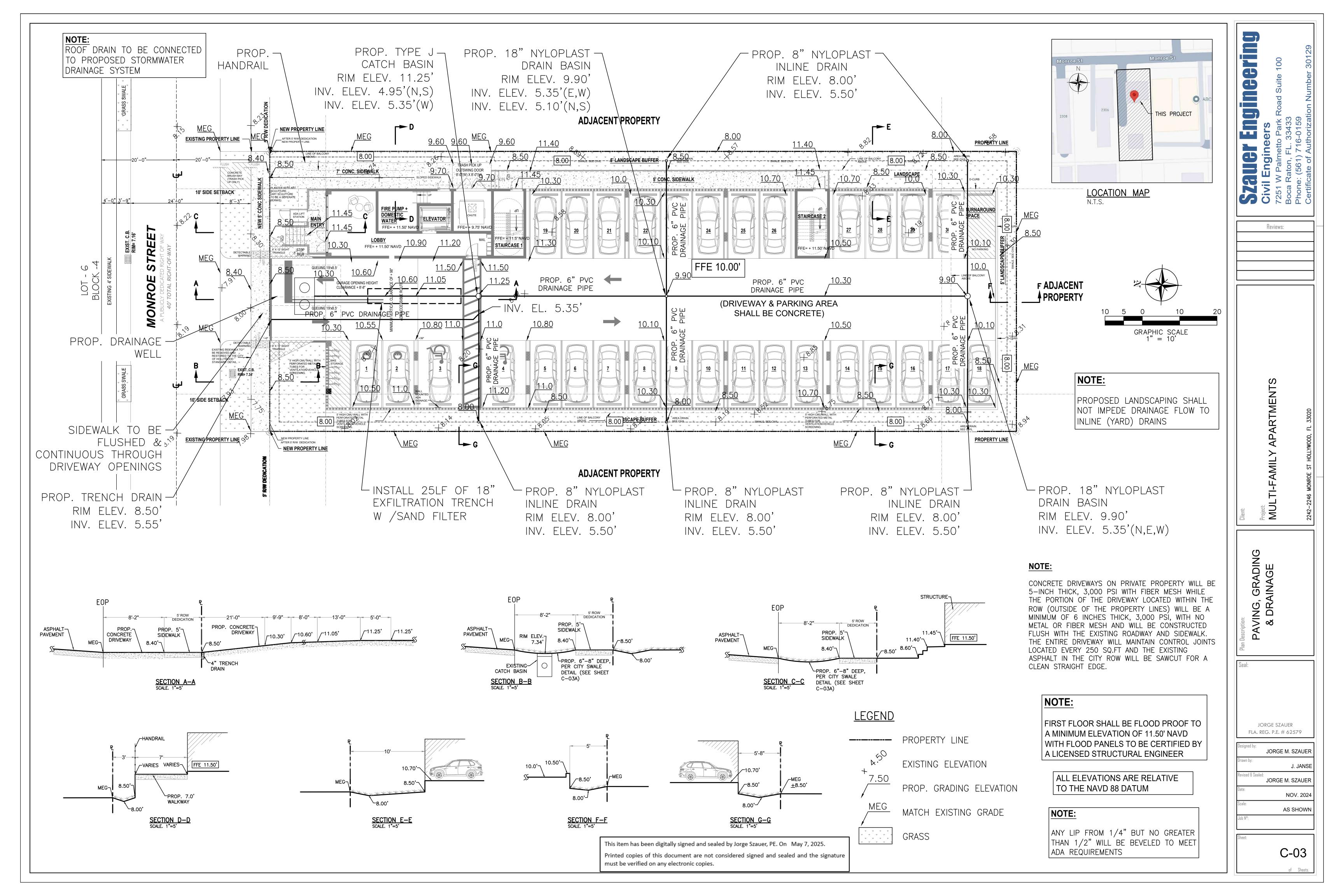
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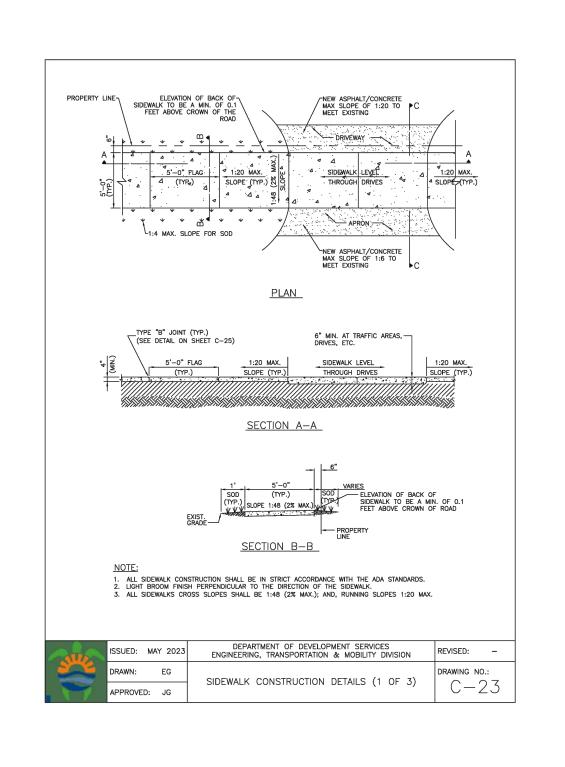
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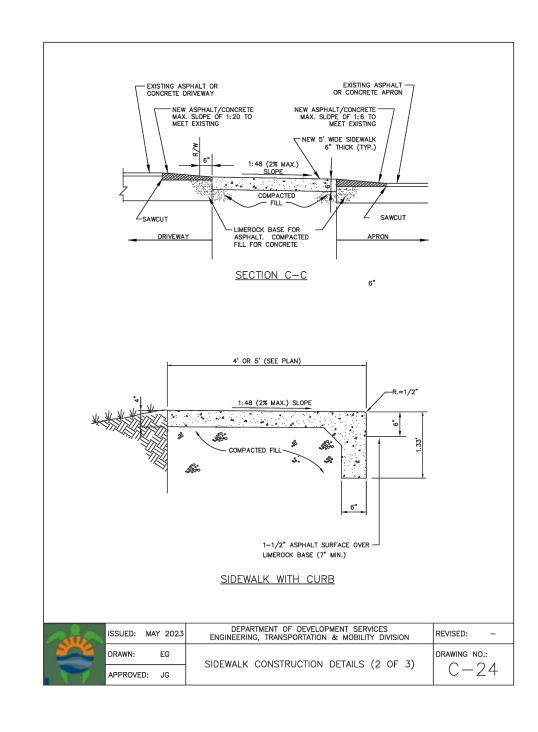
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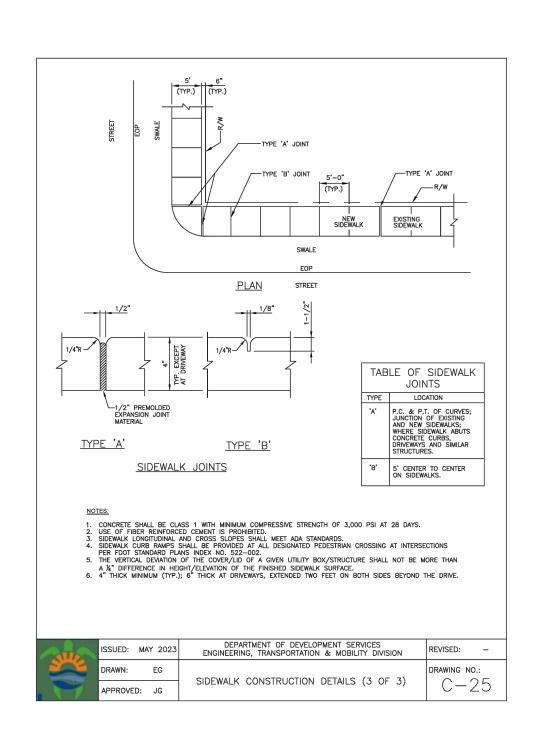
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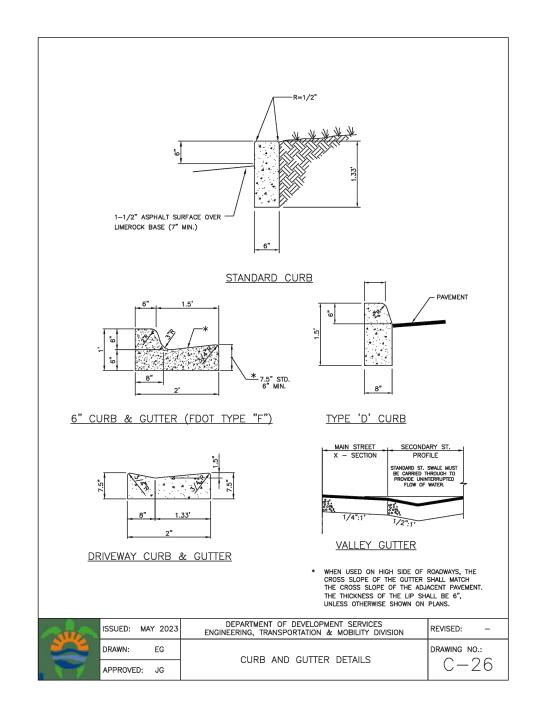


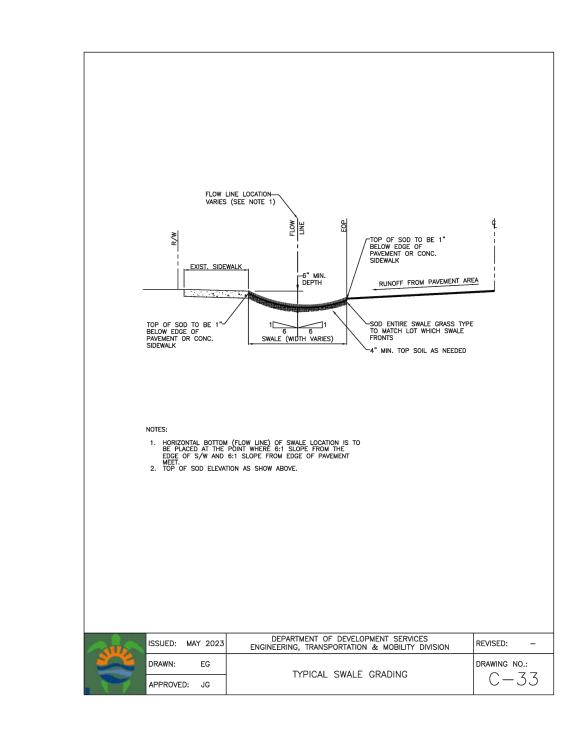


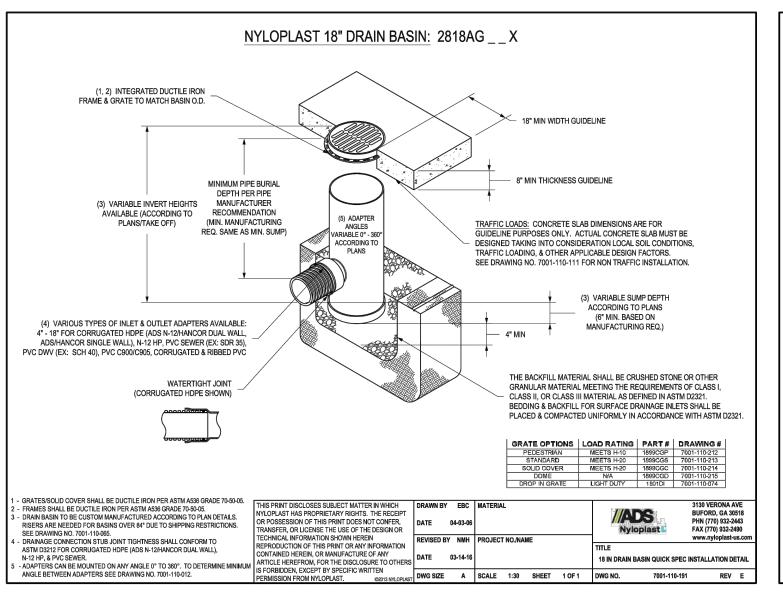










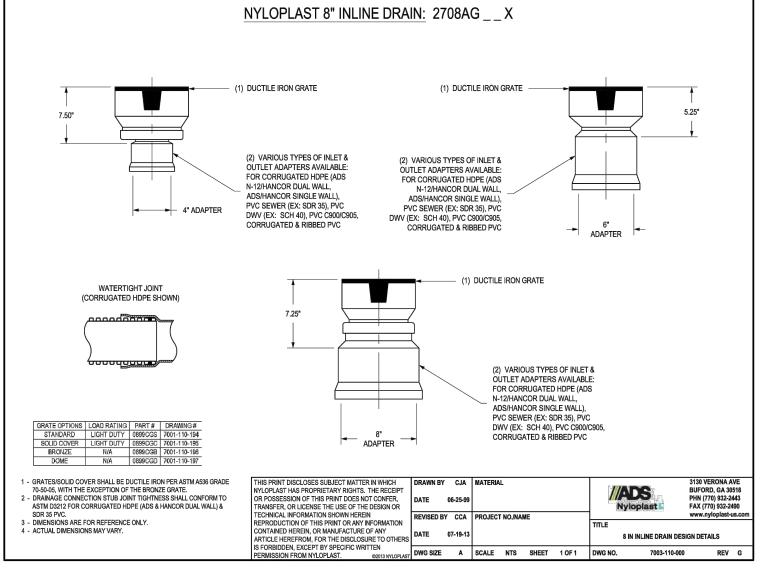


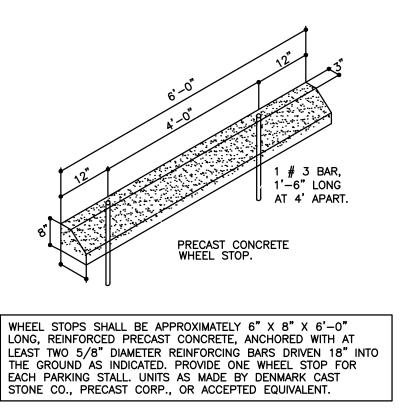
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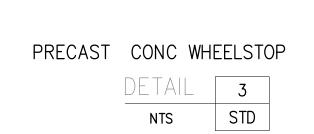
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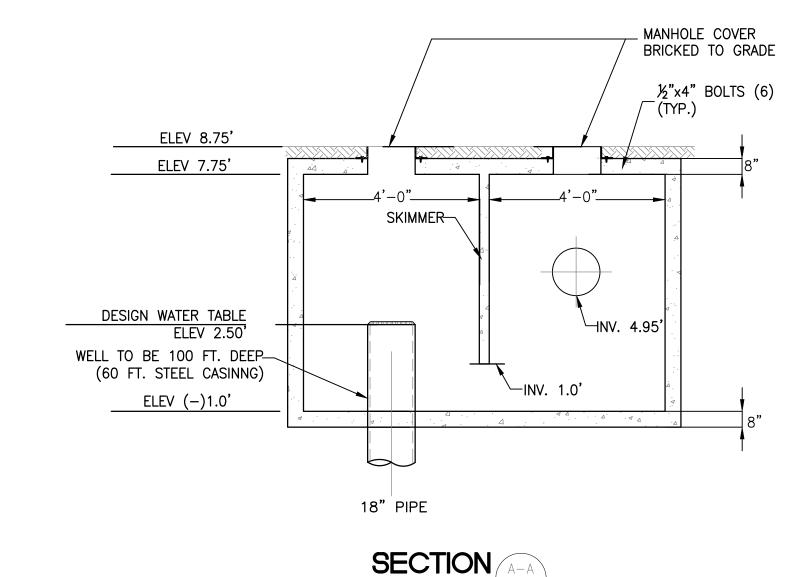
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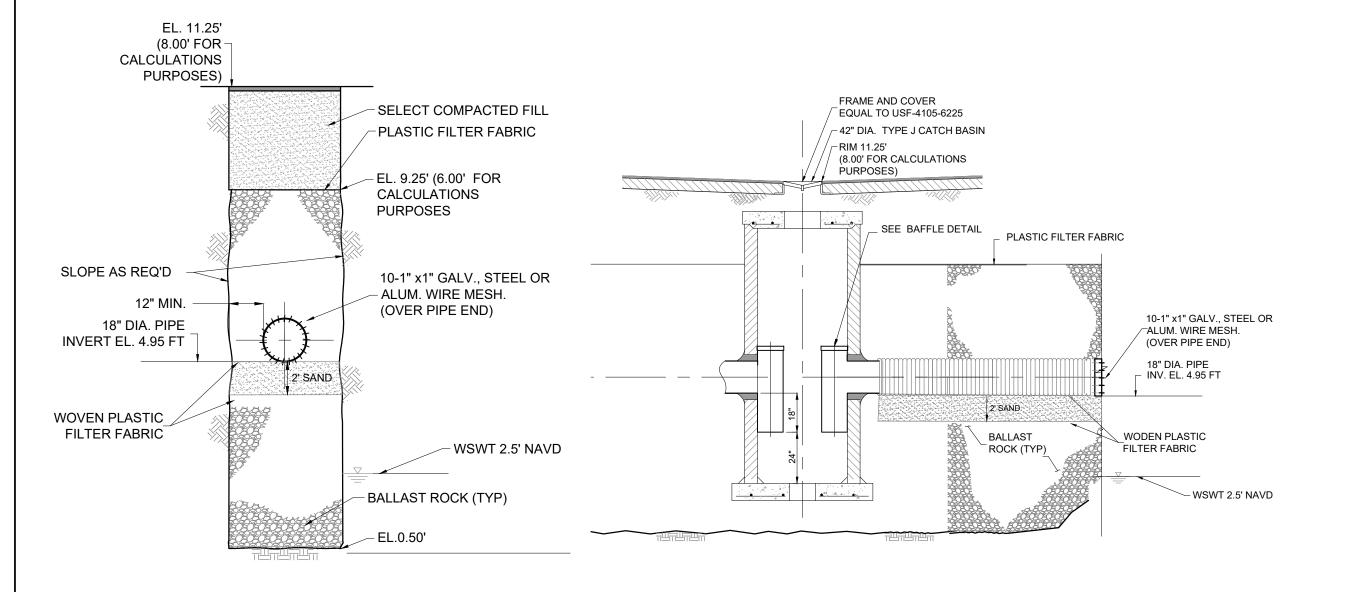
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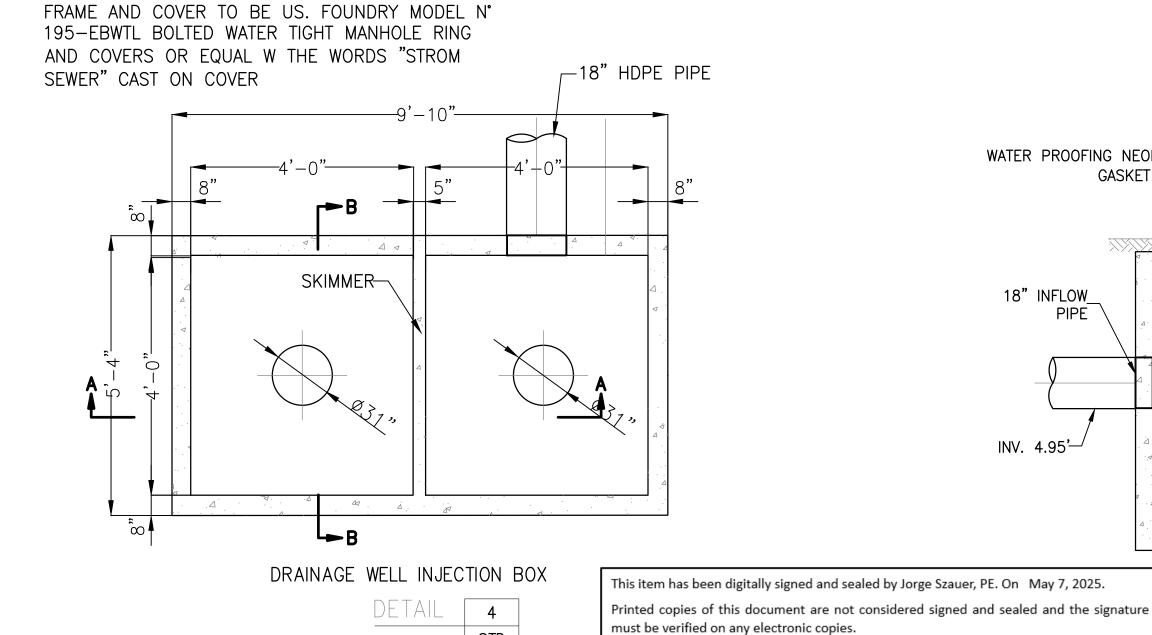




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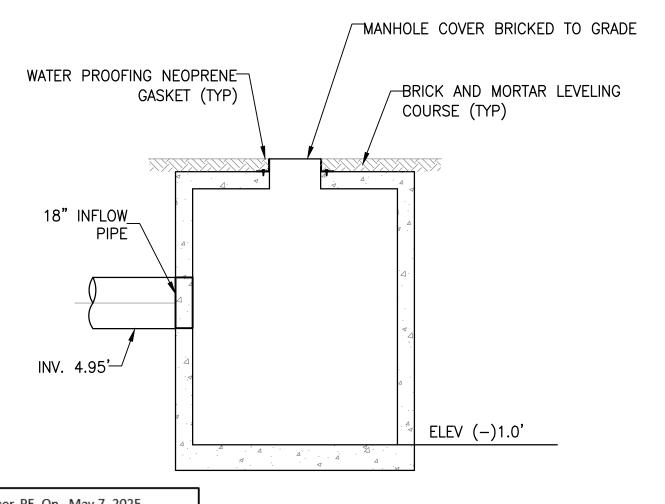
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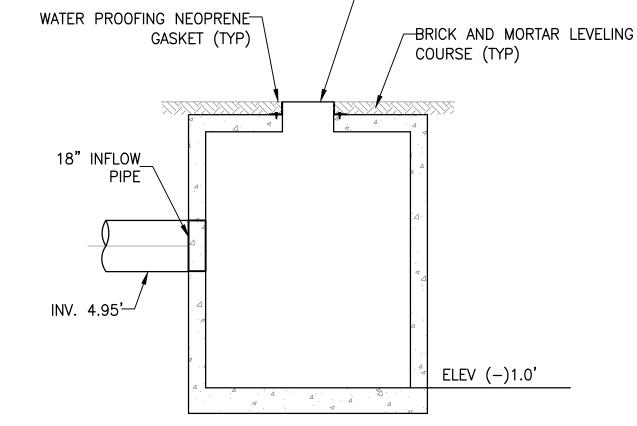
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SECTION

JORGE M. SZAUER NOV. 2024 AS SHOWN

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Reviews:

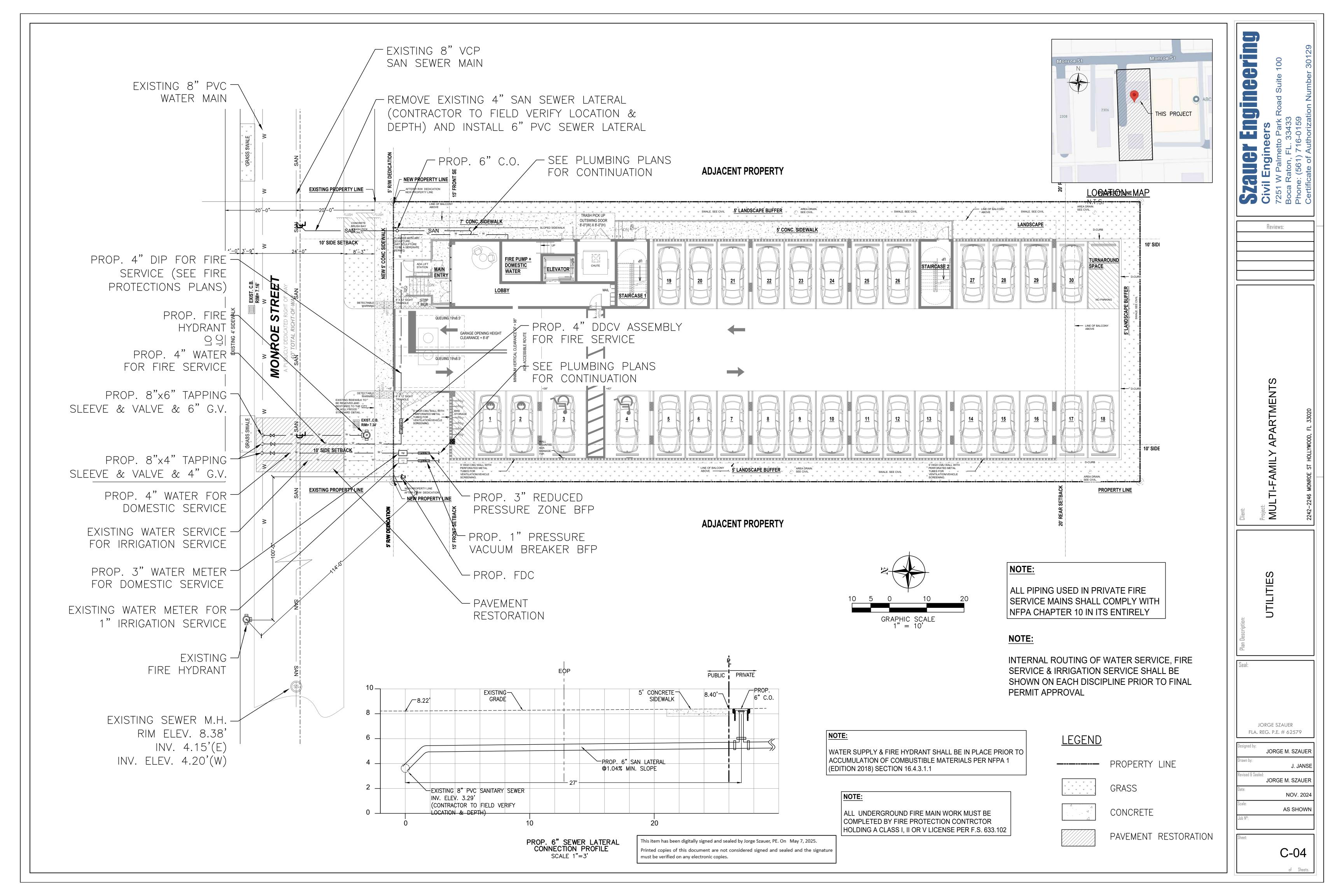
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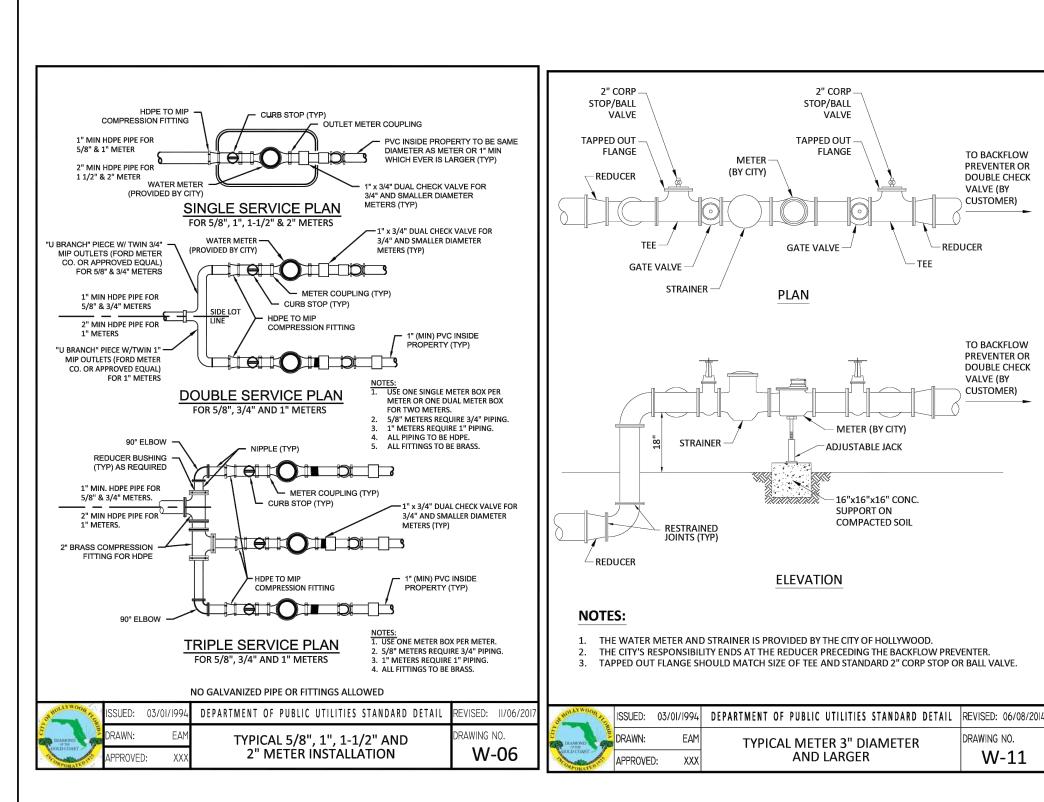
JORGE SZAUER

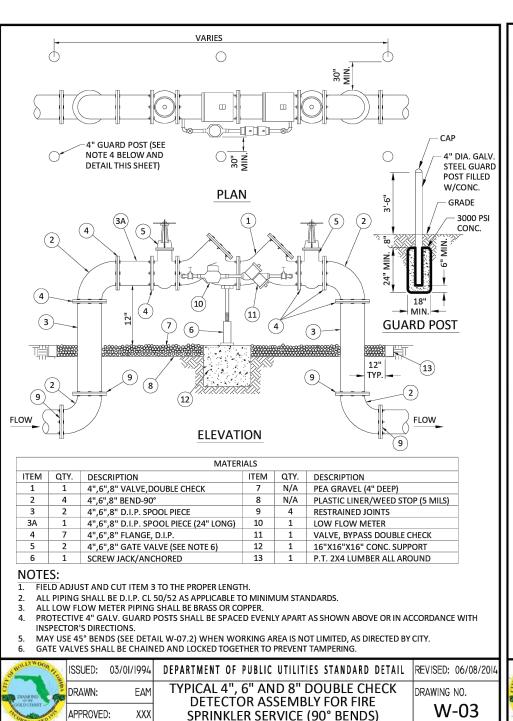
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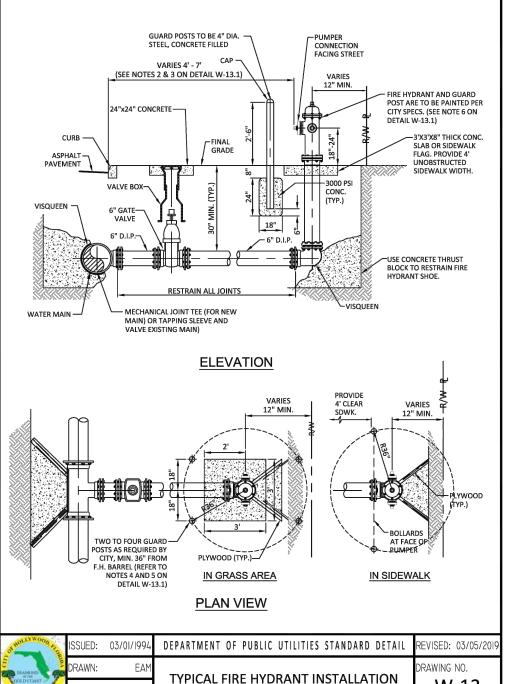
JORGE M. SZAUER

J. JANSE









IN ALL CASES, PROVIDE 4' UNOBSTRUCTED SIDEWALK CLEAR OF THE FIRE HYDRANT AND BOLLARDS.

FIRE HYDRANTS SHALL NOT BE LOCATED WITHIN A RADIUS OR WITHIN FDOT CLEAR DRIVING ZONE

GUARD POSTS SHALL BE INSTALLED AS REQUIRED FOR SAFETY OR AS APPROVED BY THE DEPT. OF

PUBLIC UTILITIES. IN SIDEWALK, LOCATE GUARD POSTS AT THE FACE OF THE PUMPER AND 2'-6'

LEFT/RIGHT OF ♥ OF THE FIRE HYDRANT.EXTRA POSTS MAY BE REQUIRED IN INDUSTRIAL AND

FIRE HYDRANT CONCRETE SLAB AND CONCRETE GUARD POST FOOTINGS SHALL BE DIFFERENT

SHALL BE PAINTED GREEN, AND THE HYDRANT UPPER BARREL SHALL BE PAINTED SILVER IN

THE FIRE HYDRANT BONNET, OPERATING NUT, HOLD-DOWN NUT, PUMPER CAP AND HOSE CAPS

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAI

FIRE HYDRANTS SHALL BE LOCATED BETWEEN 4' AND 7' FROM THE FACE OF CURB.

CONGESTED TRAFFIC AREAS. (4 POSTS MAX.)

ACCORDANCE WITH CITY SPECIFICATIONS.

DEPTH OF COVER OVER PVC SANITARY SEWER OR FORCE MAINS IS 36".

SEWER NOTES:

- 2. ALL CONNECTIONS TO EXISTING MAINS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 3. LEAKAGE TESTS AND ALIGNMENT (LAMPING) TESTS SHALL BE PERFORMED ON ALL NEW SEWER LINES UP TO THE ONNECTION POINT WITH THE EXISTING SEWER SYSTEM. THESE TESTS SHALL BE REQUESTED AND PAID FOR BY THE

1. THE MINIMUM DEPTH OF COVER OVER D.I.P. SANITARY SEWER GRAVITY OR FORCE MAINS IS 30". THE MINIMUM

- . LAMPING TESTS SHALL BE PERFORMED ON GRAVITY SEWERS FROM MANHOLE TO MANHOLE UP TO AND INCLUDING THE POINT OF CONNECTION TO THE EXISTING SEWER SYSTEM
- . LEAKAGE TESTS SHALL BE PERFORMED ON ALL SEGMENTS OF A GRAVITY SEWER SYSTEM, INCLUDING SERVICE LATERALS AND MANHOLES. FOR A CONTINUOUS PERIOD OF NO LESS THAN 2 HOURS. AT THE END OF THE TEST, THE TOTAL MEASURED LEAKAGE SHALL NOT EXCEED 100 GALLONS PER INCH OF PIPE DIAMETER PER MILE PER DAY FOR ANY SECTION OF THE SYSTEM, WITH ZERO ALLOWABLE LEAKAGE FOR LATERALS AND MANHOLES. AN EXFILTRATION OR INFILTRATION TEST SHALL BE PERFORMED WITH A MINIMUM POSITIVE HEAD OF 2 FEET ON THE SECTION BEING
- FORCE MAINS SHALL BE PRESSURE-TESTED IN ACCORDANCE WITH RULE 62-555.330 (FAC). THE PRESSURE TEST SHALL CONSIST OF HOLDING A TEST PRESSURE OF 150 PSI ON THE PIPELINE FOR A CONTINUOUS PERIOD OF 2 HOURS THE MAXIMUM ALLOWABLE LEAKAGE SHALL BE DETERMINED BY THE FOLLOWING FORMULA:

L = ALLOWABLE LEAKAGE FOR SYSTEM IN GALLONS PER HOUR D = PIPE DIAMETER IN INCHES

- S = LENGTH OF LINES IN LINEAL FEET P = AVERAGE TEST PRESSURE IN PSI
- . CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTYFYING CONFLICTS WITH FORCE MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, FORCE MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 12" MINIMUM SEPARATION FROM WATER MAINS AND 6" MINIMUM SEPARATION FROM OTHER UTILITIES. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
- 8. WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH, THE CONTRACTOR SIDES OF THE EXCAVATION TO ENSURE PERSONNEL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND

06/08/2014	OF HOLLYWOOD AND	ISSUED:	03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08
NO.	E DIAMOND	DRAWN:	EAM	SANITARY SEWER MAIN	DRAWING NO.
13.1	CORPORATE	APPROVED): XXX	CONSTRUCTION NOTES	S-01

WATER SYSTEM NOTES:

- NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12 INCHES BELOW THE OTHER PIPELINE
- NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OTHER PIPELINE. [FAC 62-555.314(2); EXCEPTIONS ALLOWED UNDER FAC 62-555.314(5)].
- AT ALL UTILITY CROSSINGS DESCRIBED ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE WILL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE, OR THE PIPES WILL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS. STORM SEWERS. STORM WATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART

III OF CHAPTER 62-610, F.A.C. [FAC 62-555.314(2); EXCEPTIONS ALLOWED UNDER FAC 62-555.314(5)].

- NEW UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT TO BE DUCTILE IRON PIPE (D.I.P.) WHEN CROSSING BELOW SANITARY SEWER MAINS.
- POLYETHYLENE ENCASEMENT MATERIAL SHALL BE USED TO ENCASE ALL BURIED DUCTILE IRON PIPE. FITTINGS, VALVES, RODS, AND APPURTENANCES IN ACCORDANCE WITH AWWA C105, METHOD A, THE POLYETHYLENE TUBING SHALL BE CUT TWO FEET LONGER THAN THE PIPE SECTION AND SHALL OVERLAP THE ENDS OF THE PIPE BY ONE FOOT. THE POLYETHYLENE TUBING SHALL BE GATHERED AND LAPPED TO PROVIDE A SNUG FIT AND SHALL BE SECURED AT QUARTER POINTS WITH POLYETHYLENE TAPE. EACH END OF THE POLYETHYLENE TUBING SHALL BE SECURED WITH A WRAP OF POLYETHYLENE TAPE.
- THE POLYETHYLENE TUBING SHALL PREVENT CONTACT BETWEEN THE PIPE AND BEDDING MATERIAL, BUT IS NOT INTENDED TO BE A COMPLETELY AIRTIGHT AND WATERTIGHT ENCLOSURE. DAMAGED POLYETHYLENE TURING SHALL BE REPAIRED IN A WORKMANLIKE MANNER USING POLYETHYLENE TAPE, OR THE DAMAGED SECTION SHALL BE REPLACED. POLY WRAP WILL NOT BE PAID FOR AS A SEPARATE BID ITEM. IT SHALL BE CONSIDERED TO BE A PART OF THE PRICE BID FOR WATER MAIN
- FIRE HYDRANT BARRELS SHALL BE ENCASED IN POLY WRAP UP TO THE GROUND SURFACE AND THE WEEP HOLES SHALL NOT BE COVERED BY THE POLY WRAP.
- GATE VALVES FOR USE WITH PIPE LESS THAN THREE INCHES (3") IN DIAMETER SHALL BE RATED FOR TWO HUNDRED (200) PSI WORKING PRESSURE, NON-SHOCK, BLOCK PATTERN, SCREWED BONNET, NON-RISING STEM, BRASS BODY, AND SOLID WEDGE. THEY SHALL BE STANDARD THREADED FOR PVC PIPE AND HAVE A MALLEARIE IRON HANDWHEEL, GATE VALVES 3" THROUGH 16" IN DIAMETER SHALL BE RESILIENT SEAT AND BIDIRECTIONAL FLOW ONLY. VALVES FOR SPECIAL APPLICATIONS WILL REQUIRE CITY UTILITY APPROVAL.
- VALVE BOXES AND COVERS FOR ALL SIZE VALVES SHALL BE OF CAST IRON CONSTRUCTION AND ADJUSTABLE SCREW-ON TYPE. THE LID SHALL HAVE CAST IN THE METAL THE WORD "WATER" FOR THE WATER LINES. ALL VALVE BOXES SHALL BE SIX INCH (6") NOMINAL DIAMETER AND SHALL BE SUITABLE FOR DEPTHS OF THE PARTICULAR VALVE. THE STEM OF THE BURIED VALVE SHALL BE WITHIN TWENTY-FOUR INCHES (24") OF THE FINISHED GRADE UNLESS OTHERWISE APPROVED BY THE CITY.
- 10. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER

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APPROVED: XXX WATER SYSTEM NOTES	W-01

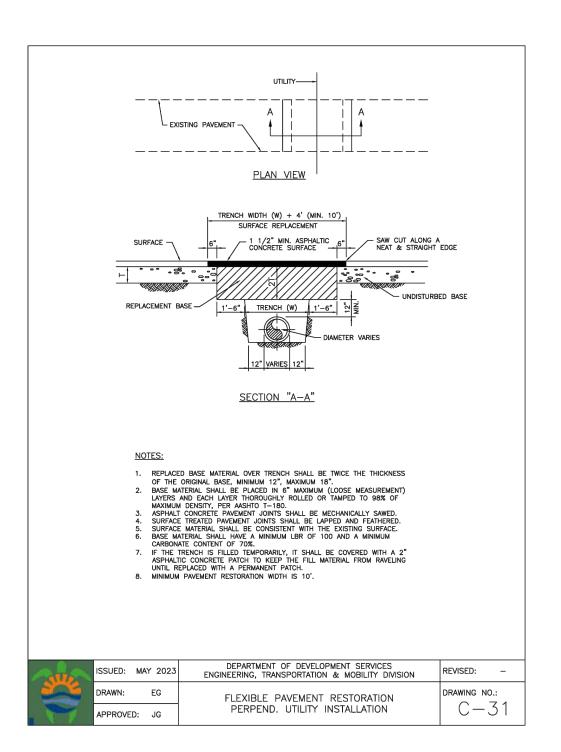
WATER SYSTEM NOTES (CONTINUED):

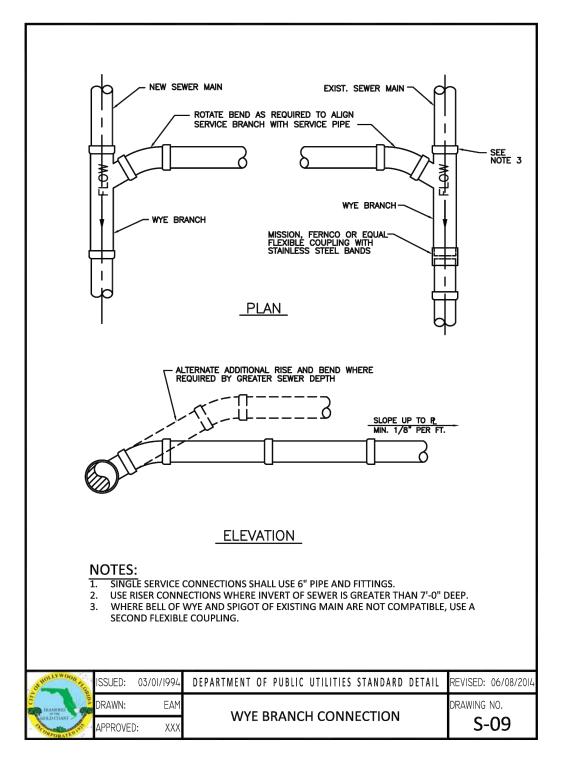
- 11. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER
- 2. ALL PVC PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C900 LATEST REVISION AND CLASS DR 18. ALL DIP WATER MAINS SHALL BE DUCTILE IRON PRESSURE CLASS 350, WITH WALL THICKNESS COMPLYING WITH CLASS 52. ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C151/A21.51-02 AND BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03.
- FITTINGS SHALL BE DUCTILE IRON, MEETING ANSI/AWWA C153/A21.53-00 SPECIFICATIONS. WITH 350 PSI MINIMUM WORKING PRESSURE. FITTINGS MUST BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03. ALL DUCTILE IRON PIPE AND FITTINGS MUST BE MANUFACTURED IN THE UNITED STATES OF
- 14. ALL DUCTILE IRON PIPE TO BE MECHANICAL JOINTS, WRAPPED IN POLY. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY DESIGN.
- 5. PAVEMENT RESTORATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY.
- 16. ALL TRENCHING, PIPE LAYING, BACKFILL, PRESSURE TESTING, AND DISINFECTING MUST COMPLY WITH THE CITY OF HOLLYWOOD SPECIFICATIONS
- 17. THE MINIMUM DEPTH OF COVER OVER WATER MAINS IS 30" (DIP) OR 36" (PVC). 18. MINIMUM HORIZONTAL SEPARATION BETWEEN STORM STRUCTURES AND WATER MAINS SHALL BE 3'
- 19. MAXIMUM DEFLECTION PER EACH JOINT SHALL BE 50% OF MANUFACTURES RECOMMENDATION (MAXIMUM) WHERE DEFLECTION IS REQUIRED.

20. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH WATER MAINS PLACED AT

- MINIMUM COVER. IN CASE OF CONFLICT, WATER MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 18" MINIMUM VERTICAL SEPARATION. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON. 1. PIPE JOINT RESTRAINT SHALL BE PROVIDED BY THE USE OF DUCTILE IRON FOLLOWER GLANDS MANUFACTURED TO ASTM A 536-80. TWIST-OFF NUTS SHALL BE USED TO ENSURE PROPER ACTUATING OF
- THE RESTRAINING DEVICES. THE MECHANICAL JOINT RESTRAINING DEVICES SHALL HAVE A WORKING PRESSURE OF 250 PSI MINIMUM, WITH A MINIMUM SAFETY FACTOR OF 2:1, AND SHALL BE EBAA IRON INC.. MEGALUG OR APPROVED FOUAL JOINT. RESTRAINTS SHALL BE PROVIDED AT A MINIMUM OF THREE JOINTS (60 FEET) FROM ANY FITTING. 22. WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH, THE
- CONTRACTOR SHALL FURNISH, PUT IN PLACE AND MAINTAIN SUCH SHEFTING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION TO ENSURE PERSONNEL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER SAFETY REQUIREMENTS.

NWOOD REG	ISSUED:	03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
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COAST	APPROVED): XXX	WATER SYSTEM NOTES	W-02





PLAN	──- PLUG	·*************************************		CONCRETE COLLAR 1 #3 CONT. - CLEANOUT EXTENSION AS REQUIRED
PRIVATE P	ROPERTY	YA	ARD TYPE	7.5 N.Equin.Es
FINISH GRADE 6" RISER SLOPE AT 1/8" PER FT. 6" W	VICE PIPE		MENT TYP	_
E TOTAL TOTA	EPARTMENT OF PUBLIC	UTILITIES STAND	ARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM APPROVED: XXX	SEWER SERVICE CLEANOUT A	CONNECTION T PROPERTY L	N AND INE	DRAWING NO. S-12

Fire Flow Calculations for 2242 Monroe Street

SITE DATA

Proposed is the construction of a four (4) story Class IIIB (III(200)) residential Building located at 2242 Monroe Street in Hollywood, Florida, Broward County. The existing land uses surrounding the site are residential to the North, South, East and West.

DESIGN CRITERIA

The proposed building shall have an approved automatic sprinkler system.

Per NFPA-1 18.4.4 fire flow area shall be the total floor area of all levels of a building. Fire flow area: 28,744 sf

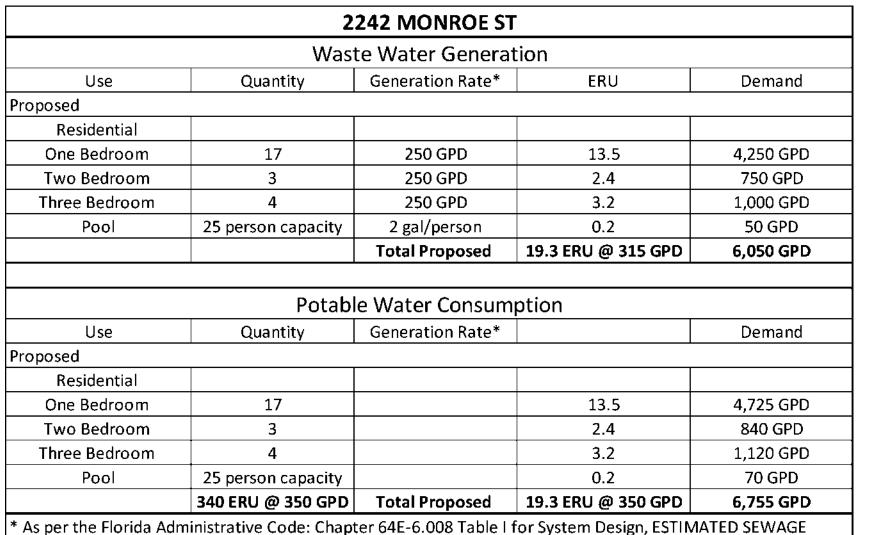
Per NFPA-1 Table 18.4.5.2.1 the required fire flow for a 28,744 sf Type IIIB Building is 3,500 gpm with a flow duration of 3 hours.

Per NFPA-1, 18.4.5.3.2, that the required fire flow, as established in Table 18.4.5.2.1 shall be reduced by 75%, with a fire flow no less than 1,000 gpm when the building is provided with an approved automatic sprinkler system.

REQUIRED FIRE FLOW

3,500 X 0.25 = 875 GPM (1,000 gpm Min)

Hydrant Flow Test Result on Monroe Street show a minimum flow of 1060 GPM.



FLOW. ERU = Equivalent Residential Unit and the Broward County Code of Ordinances Section 27-201

This item has been digitally signed and sealed by Jorge Szauer, PE. On May 7, 2025. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

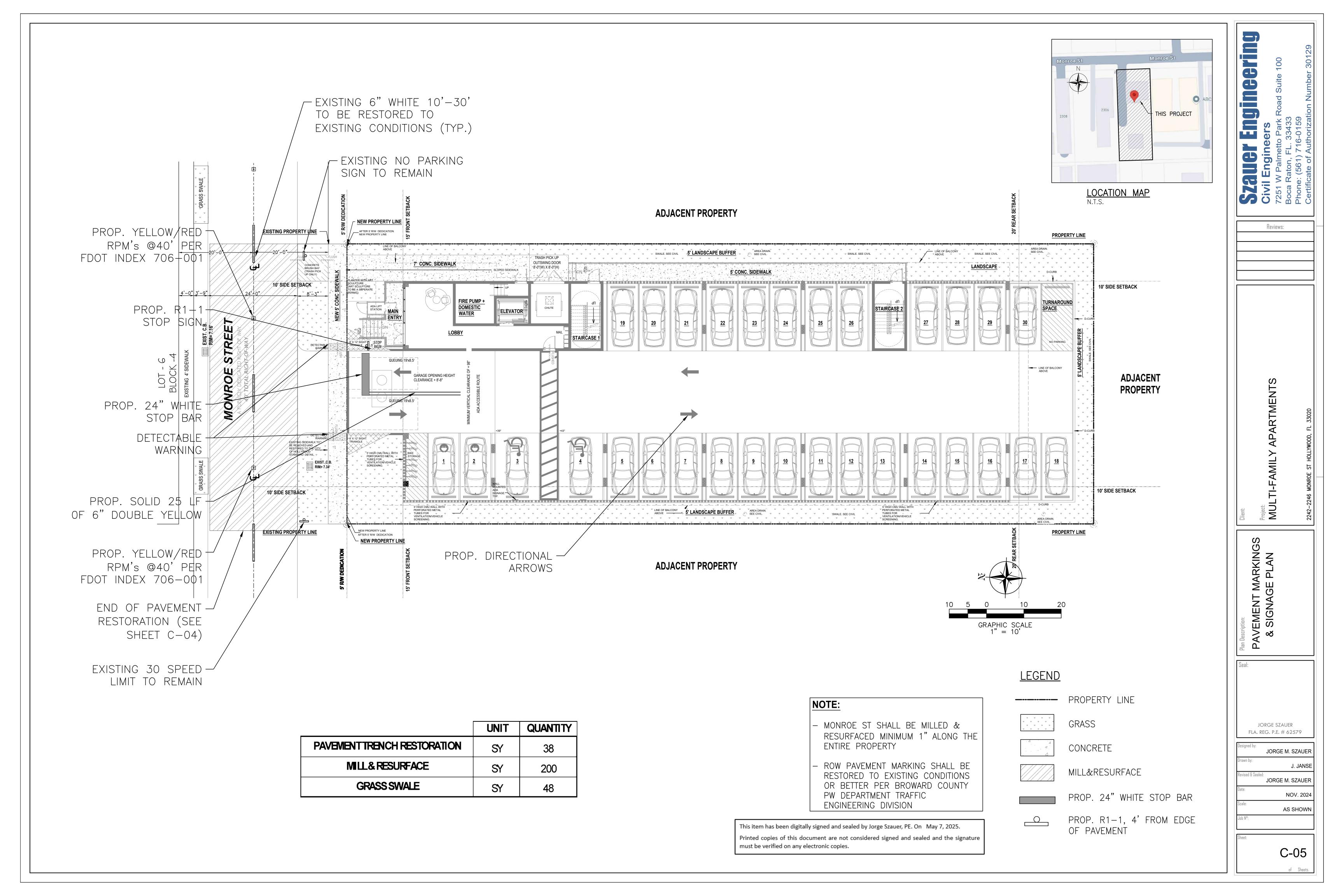
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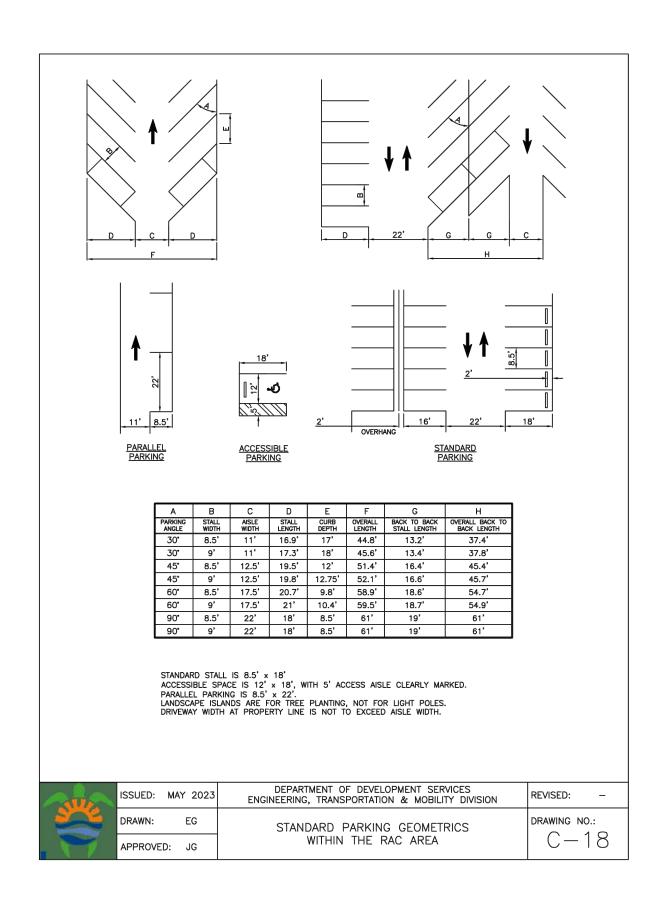
JORGE SZAUER FLA. REG. P.E. # 62579

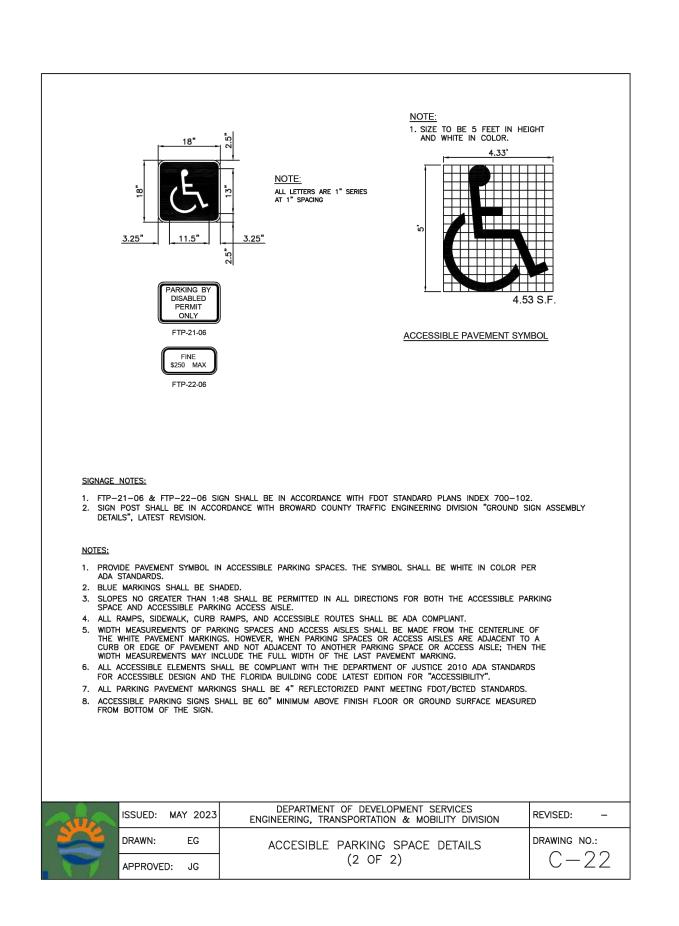
JORGE M. SZAUER

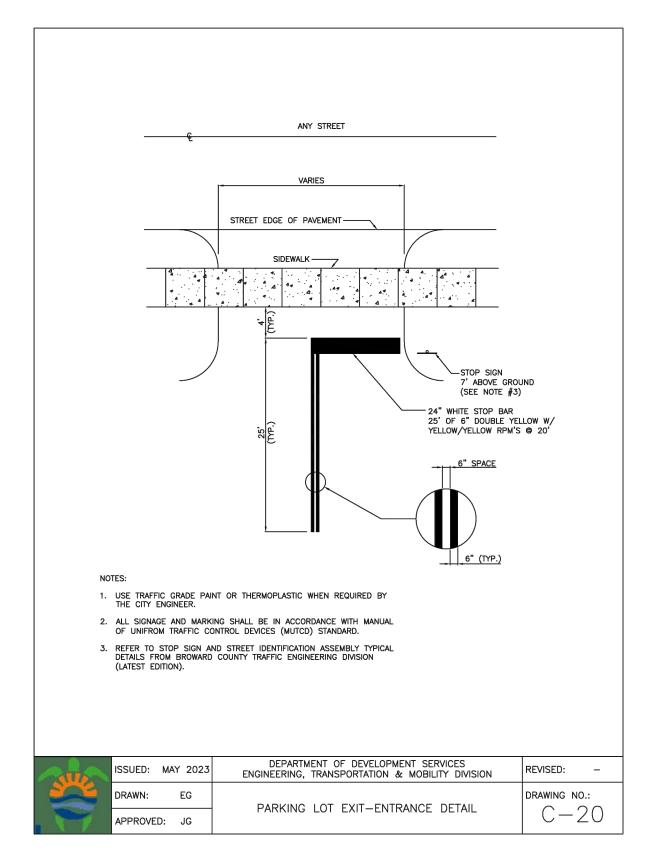
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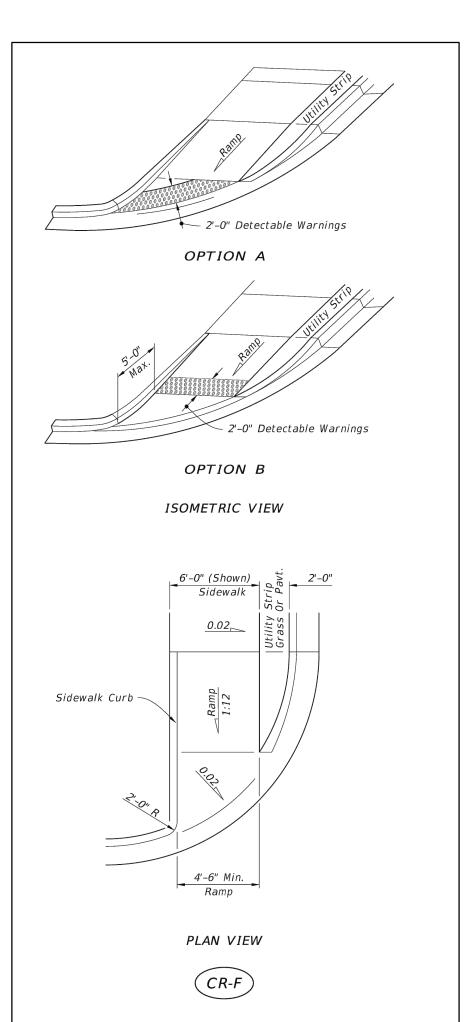
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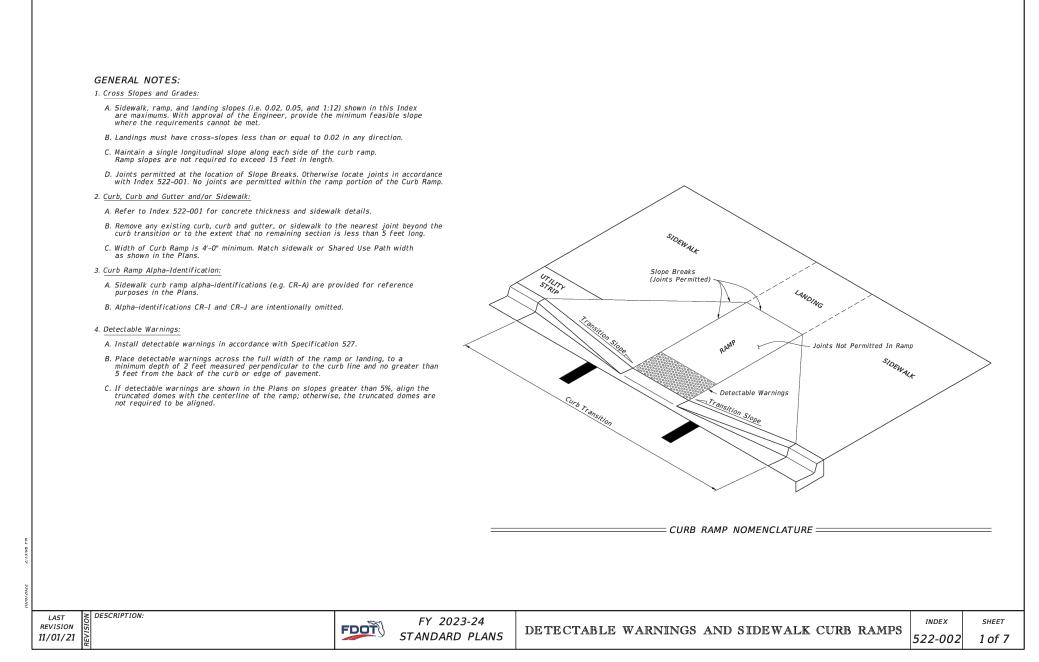


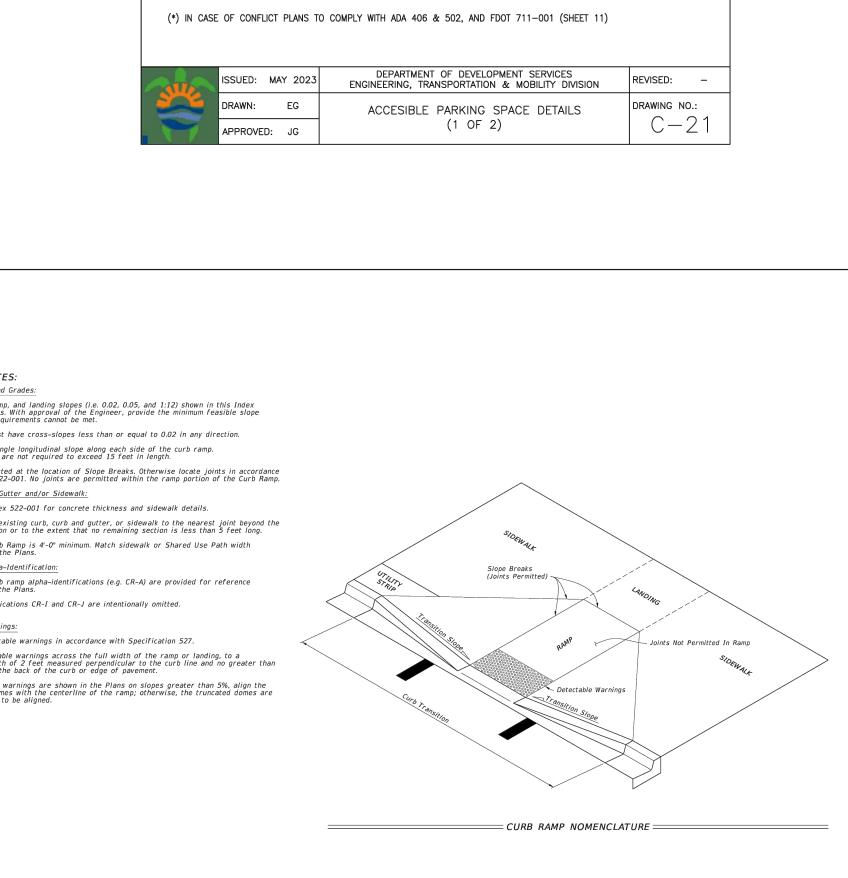


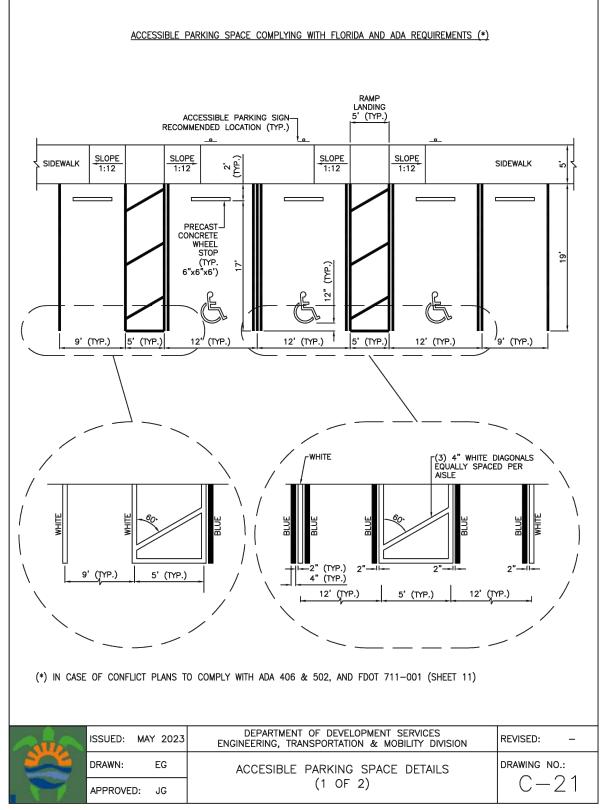


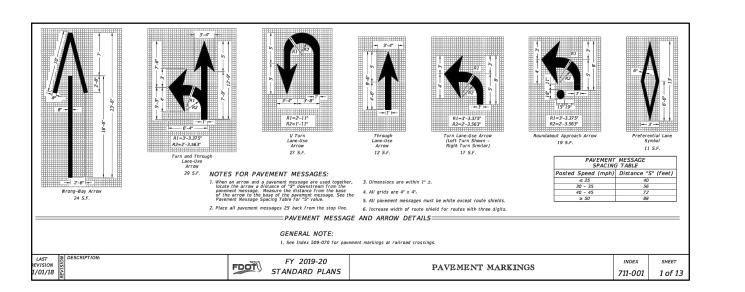












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DIRECTIONAL ARROWS DETAIL 3 STD NTS

Szauer Engi Civil Engineers

Reviews:

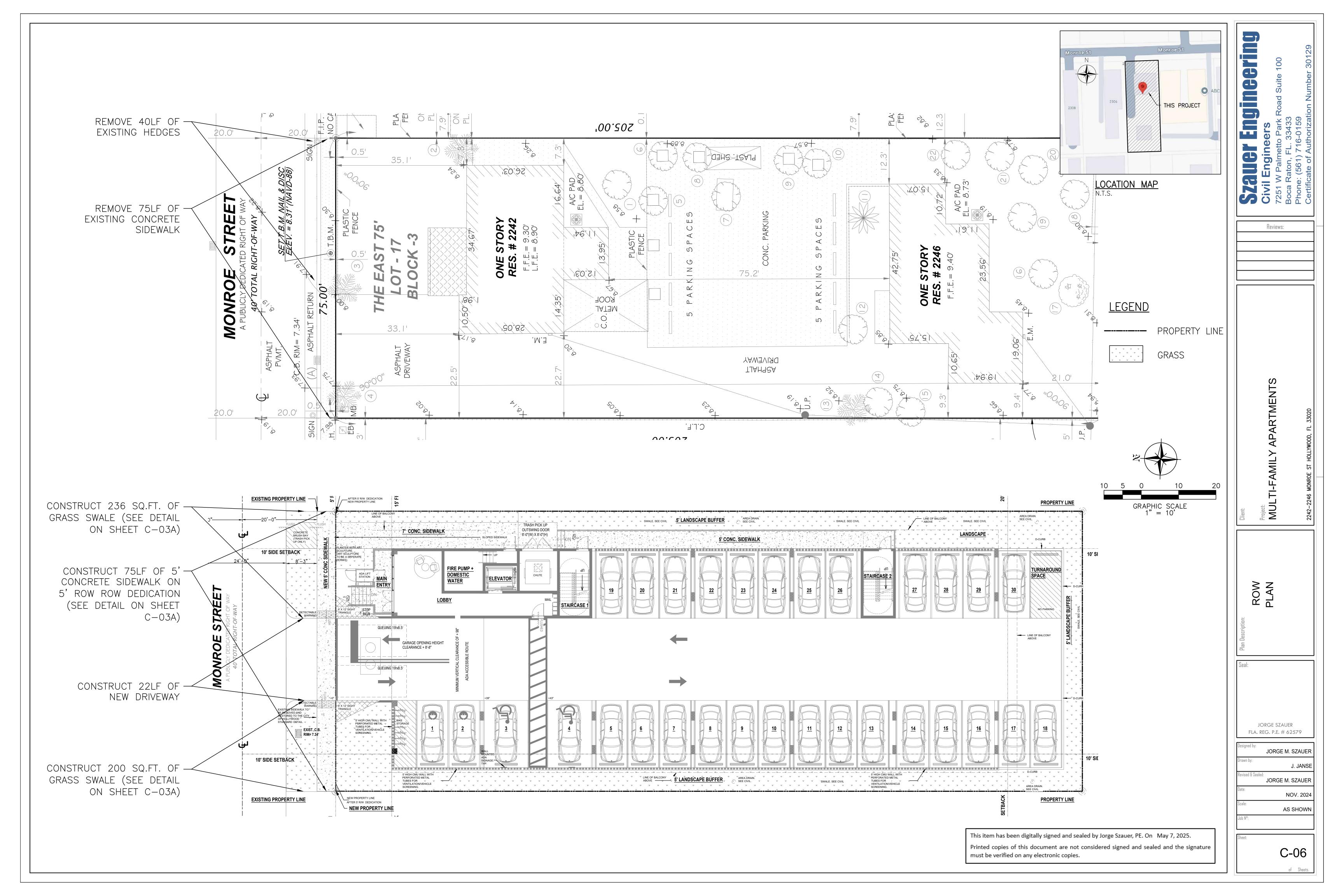
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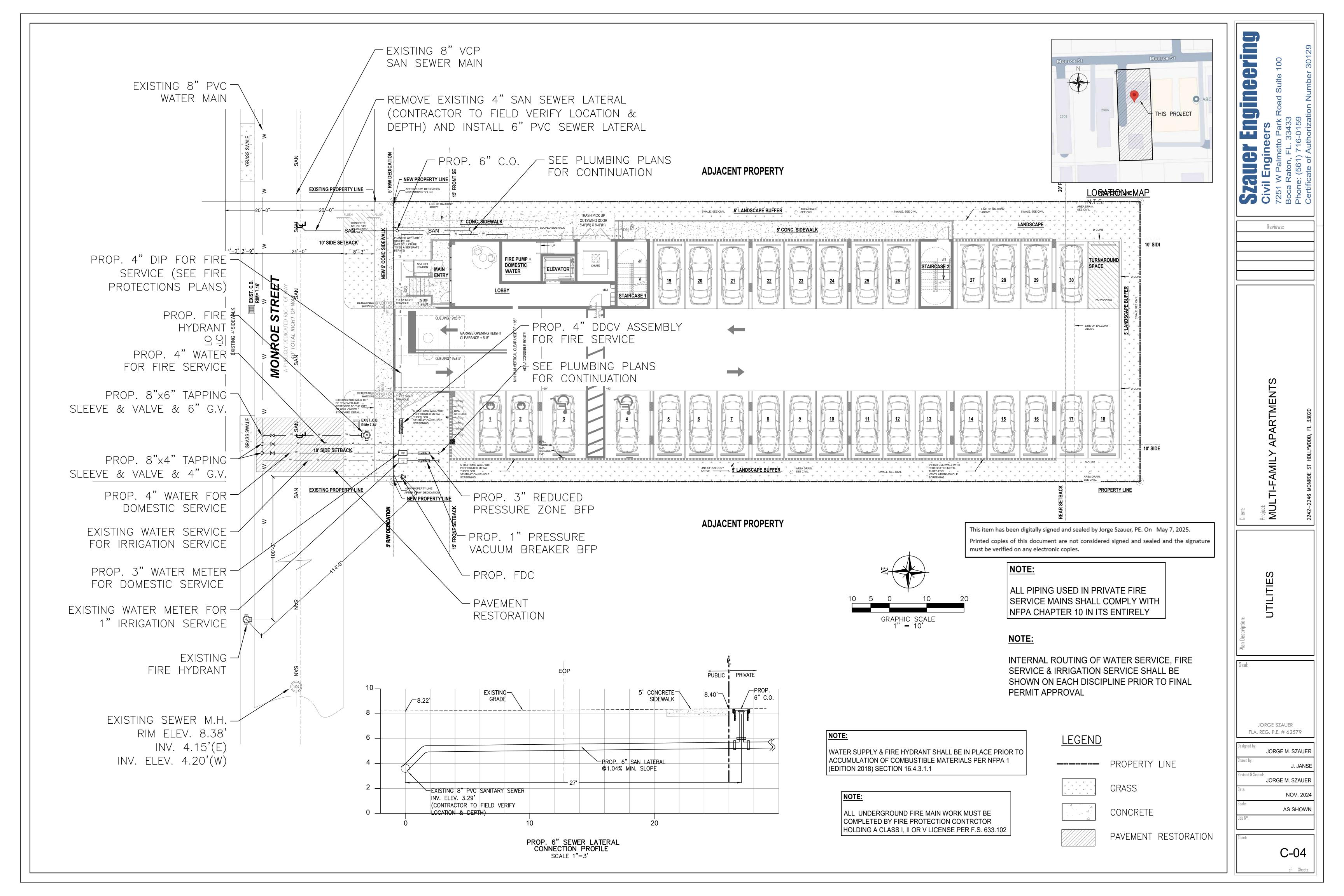
FLA. REG. P.E. # 62579 JORGE M. SZAUER

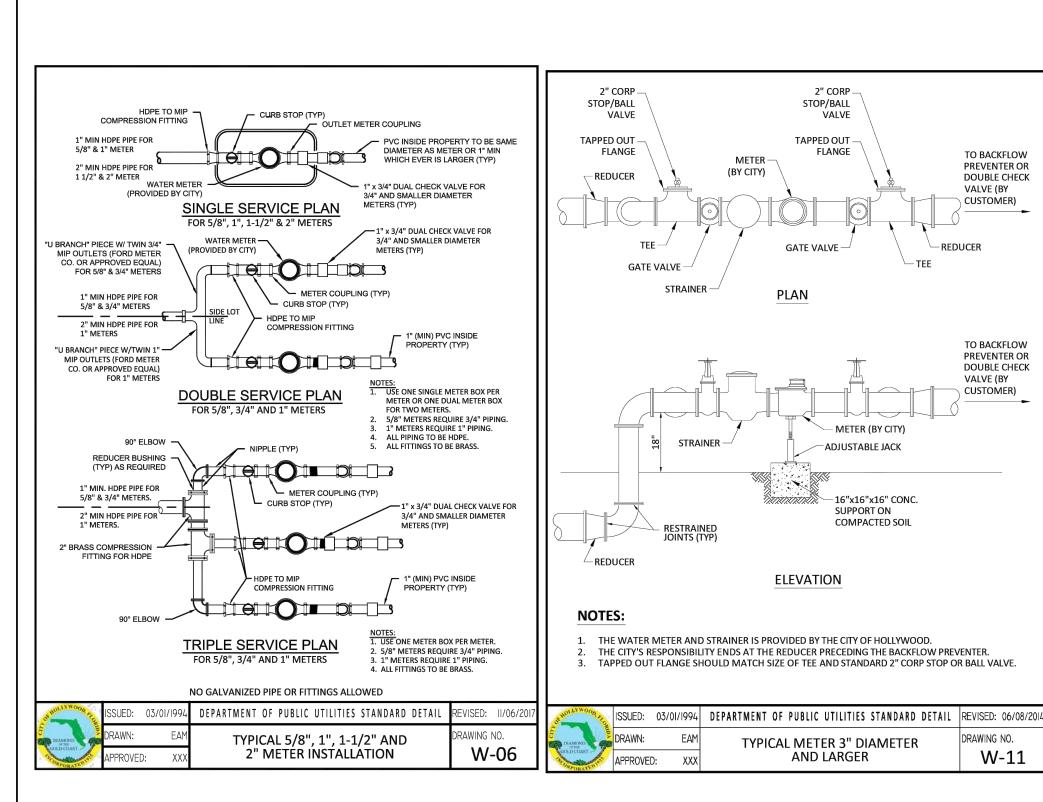
J. JANSE

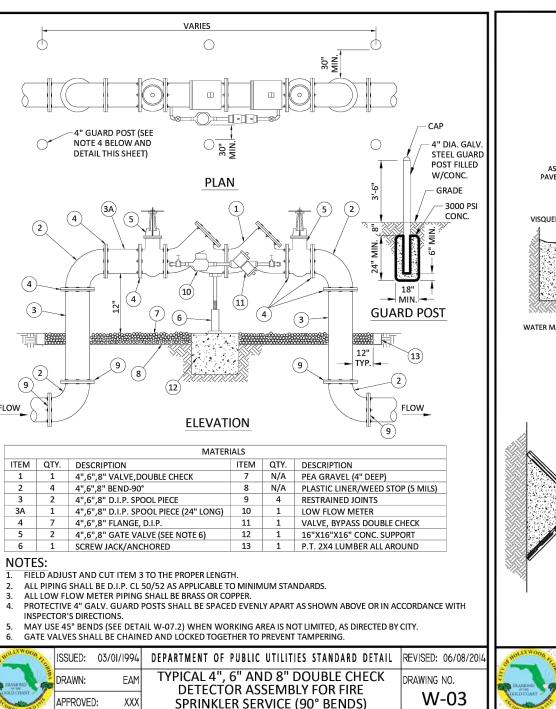
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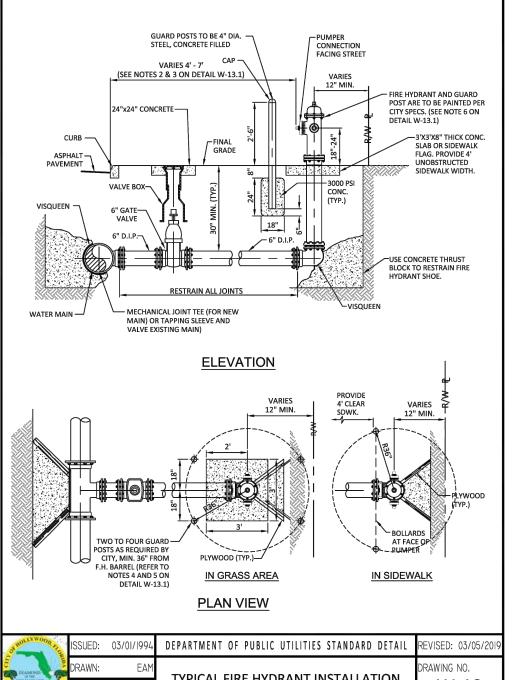
AS SHOWN











SEWER NOTES:

6" RISER -

V—PLUG

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL

SEWER SERVICE CONNECTION AND

CLEANOUT AT PROPERTY LINE

6" WYE (POINT

SINGLE SERVICE CONNECTION

IN ALL CASES, PROVIDE 4' UNOBSTRUCTED SIDEWALK CLEAR OF THE FIRE HYDRANT AND BOLLARDS.

FIRE HYDRANTS SHALL NOT BE LOCATED WITHIN A RADIUS OR WITHIN FDOT CLEAR DRIVING ZONE

GUARD POSTS SHALL BE INSTALLED AS REQUIRED FOR SAFETY OR AS APPROVED BY THE DEPT. OF

PUBLIC UTILITIES. IN SIDEWALK, LOCATE GUARD POSTS AT THE FACE OF THE PUMPER AND 2'-6'

LEFT/RIGHT OF ♥ OF THE FIRE HYDRANT.EXTRA POSTS MAY BE REQUIRED IN INDUSTRIAL AND

FIRE HYDRANT CONCRETE SLAB AND CONCRETE GUARD POST FOOTINGS SHALL BE DIFFERENT

SHALL BE PAINTED GREEN, AND THE HYDRANT UPPER BARREL SHALL BE PAINTED SILVER IN

THE FIRE HYDRANT BONNET, OPERATING NUT, HOLD-DOWN NUT, PUMPER CAP AND HOSE CAPS

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAI

FIRE HYDRANTS SHALL BE LOCATED BETWEEN 4' AND 7' FROM THE FACE OF CURB.

CONGESTED TRAFFIC AREAS. (4 POSTS MAX.)

ACCORDANCE WITH CITY SPECIFICATIONS.

- 1. THE MINIMUM DEPTH OF COVER OVER D.I.P. SANITARY SEWER GRAVITY OR FORCE MAINS IS 30". THE MINIMUM DEPTH OF COVER OVER PVC SANITARY SEWER OR FORCE MAINS IS 36".
- 2. ALL CONNECTIONS TO EXISTING MAINS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 3. LEAKAGE TESTS AND ALIGNMENT (LAMPING) TESTS SHALL BE PERFORMED ON ALL NEW SEWER LINES UP TO THE ONNECTION POINT WITH THE EXISTING SEWER SYSTEM. THESE TESTS SHALL BE REQUESTED AND PAID FOR BY THE
- . LAMPING TESTS SHALL BE PERFORMED ON GRAVITY SEWERS FROM MANHOLE TO MANHOLE UP TO AND INCLUDING THE POINT OF CONNECTION TO THE EXISTING SEWER SYSTEM. LEAKAGE TESTS SHALL BE PERFORMED ON ALL SEGMENTS OF A GRAVITY SEWER SYSTEM, INCLUDING SERVICE
- LATERALS AND MANHOLES. FOR A CONTINUOUS PERIOD OF NO LESS THAN 2 HOURS. AT THE END OF THE TEST, THE TOTAL MEASURED LEAKAGE SHALL NOT EXCEED 100 GALLONS PER INCH OF PIPE DIAMETER PER MILE PER DAY FOR ANY SECTION OF THE SYSTEM, WITH ZERO ALLOWABLE LEAKAGE FOR LATERALS AND MANHOLES. AN EXFILTRATION OR INFILTRATION TEST SHALL BE PERFORMED WITH A MINIMUM POSITIVE HEAD OF 2 FEET ON THE SECTION BEING
- FORCE MAINS SHALL BE PRESSURE-TESTED IN ACCORDANCE WITH RULE 62-555.330 (FAC). THE PRESSURE TEST SHALL CONSIST OF HOLDING A TEST PRESSURE OF 150 PSI ON THE PIPELINE FOR A CONTINUOUS PERIOD OF 2 HOURS THE MAXIMUM ALLOWABLE LEAKAGE SHALL BE DETERMINED BY THE FOLLOWING FORMULA:

L = ALLOWABLE LEAKAGE FOR SYSTEM IN GALLONS PER HOUR D = PIPE DIAMETER IN INCHES

- S = LENGTH OF LINES IN LINEAL FEET P = AVERAGE TEST PRESSURE IN PSI
- . CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTYFYING CONFLICTS WITH FORCE MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, FORCE MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 12" MINIMUM SEPARATION FROM WATER MAINS AND 6" MINIMUM SEPARATION FROM OTHER UTILITIES. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
- 8. WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH, THE CONTRACTOR SIDES OF THE EXCAVATION TO ENSURE PERSONNEL SAFETY. AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND

06/08/2014	STHOLLYWOOD AT	ISSUED:	03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/0
NO.	DIAMCINE	DRAWN:	EAM	SANITARY SEWER MAIN	DRAWING NO.
13.1	OCE.DEDANT	APPROVED	: XXX	CONSTRUCTION NOTES	S-01

PAVEMENT TYPE

CLEANOUT DETAILS

WATER SYSTEM NOTES:

CROSSING BELOW SANITARY SEWER MAINS.

- NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12 INCHES BELOW THE OTHER PIPELINE
- NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OTHER PIPELINE. [FAC 62-555.314(2); EXCEPTIONS ALLOWED UNDER FAC 62-555.314(5)].
- AT ALL UTILITY CROSSINGS DESCRIBED ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE WILL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE, OR THE PIPES WILL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS. STORM SEWERS. STORM WATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART
- III OF CHAPTER 62-610, F.A.C. [FAC 62-555.314(2); EXCEPTIONS ALLOWED UNDER FAC 62-555.314(5)]. NEW UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT TO BE DUCTILE IRON PIPE (D.I.P.) WHEN
- POLYETHYLENE ENCASEMENT MATERIAL SHALL BE LISED TO ENCASE ALL BURIED DUCTILE IRON PIPE FITTINGS VALVES RODS AND APPLIRTENANCES IN ACCORDANCE WITH AWWA C105 METHOD A THE POLYETHYLENE TUBING SHALL BE CUT TWO FEET LONGER THAN THE PIPE SECTION AND SHALL OVERLAP THE ENDS OF THE PIPE BY ONE FOOT. THE POLYETHYLENE TUBING SHALL BE GATHERED AND LAPPED TO PROVIDE A SNUG FIT AND SHALL BE SECURED AT QUARTER POINTS WITH POLYETHYLENE TAPE. EACH END OF THE POLYETHYLENE TUBING SHALL BE SECURED WITH A WRAP OF POLYETHYLENE TAPE.
- THE POLYETHYLENE TUBING SHALL PREVENT CONTACT BETWEEN THE PIPE AND BEDDING MATERIAL, BUT IS NOT INTENDED TO BE A COMPLETELY AIRTIGHT AND WATERTIGHT ENCLOSURE. DAMAGED POLYETHYLENE TUBING SHALL BE REPAIRED IN A WORKMANLIKE MANNER USING POLYETHYLENE TAPE. OR THE DAMAGED SECTION SHALL BE REPLACED. POLY WRAP WILL NOT BE PAID FOR AS A SEPARATE BID ITEM. IT SHALL BE CONSIDERED TO BE A PART OF THE PRICE BID FOR WATER MAIN
- FIRE HYDRANT BARRELS SHALL BE ENCASED IN POLY WRAP UP TO THE GROUND SURFACE AND THE WEEP HOLES SHALL NOT BE COVERED BY THE POLY WRAP.
- GATE VALVES FOR USE WITH PIPE LESS THAN THREE INCHES (3") IN DIAMETER SHALL BE RATED FOR TWO HUNDRED (200) PSI WORKING PRESSURE, NON-SHOCK, BLOCK PATTERN, SCREWED BONNET, NON-RISING STEM, BRASS BODY, AND SOLID WEDGE. THEY SHALL BE STANDARD THREADED FOR PVC PIPE AND HAVE A MALLEABLE IRON HANDWHEEL. GATE VALVES 3" THROUGH 16" IN DIAMETER SHALL BE RESILIENT SEAT AND BIDIRECTIONAL FLOW ONLY. VALVES FOR SPECIAL APPLICATIONS WILL REQUIRE CITY UTILITY APPROVAL.
- VALVE BOXES AND COVERS FOR ALL SIZE VALVES SHALL BE OF CAST IRON CONSTRUCTION AND ADJUSTABLE SCREW-ON TYPE. THE LID SHALL HAVE CAST IN THE METAL THE WORD "WATER" FOR THE WATER LINES. ALL VALVE BOXES SHALL BE SIX INCH (6") NOMINAL DIAMETER AND SHALL BE SUITABLE FOR DEPTHS OF THE PARTICULAR VALVE. THE STEM OF THE BURIED VALVE SHALL BE WITHIN TWENTY-FOUR INCHES (24") OF THE FINISHED GRADE UNLESS OTHERWISE APPROVED BY THE CITY.
- 10. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C

DRAWN: EAM APPROVED: XXX WATER SYSTEM NOTES DRAWING NO. W-01	OF HOLLY WOOD AT	ISSUED:	03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
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	CORDORATE DIAS	APPROVED): XXX	WATER SYSTEM NOTES	W-01

WATER SYSTEM NOTES (CONTINUED):

- 11. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER
- 2. ALL PVC PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C900 LATEST REVISION AND CLASS DR 18. ALL DIP WATER MAINS SHALL BE DUCTILE IRON PRESSURE CLASS 350, WITH WALL THICKNESS COMPLYING WITH CLASS 52. ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C151/A21.51-02 AND BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03.
- FITTINGS SHALL BE DUCTILE IRON, MEETING ANSI/AWWA C153/A21.53-00 SPECIFICATIONS. WITH 350 PSI MINIMUM WORKING PRESSURE. FITTINGS MUST BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03. ALL DUCTILE IRON PIPE AND FITTINGS MUST BE MANUFACTURED IN THE UNITED STATES OF
- 14. ALL DUCTILE IRON PIPE TO BE MECHANICAL JOINTS, WRAPPED IN POLY. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY DESIGN.
- 5. PAVEMENT RESTORATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY.
- 16. ALL TRENCHING, PIPE LAYING, BACKFILL, PRESSURE TESTING, AND DISINFECTING MUST COMPLY WITH THE CITY OF HOLLYWOOD SPECIFICATIONS.
- 17. THE MINIMUM DEPTH OF COVER OVER WATER MAINS IS 30" (DIP) OR 36" (PVC).

FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.

Proposed is the construction of a four (4) story Class IIIB (III(200)) residential Building located at 2242 Monroe Street in Hollywood, Florida, Broward County. The existing land uses surrounding the site are

Per NFPA-1 18.4.4 fire flow area shall be the total floor area of all levels of a building. Fire flow area:

Per NFPA-1 Table 18.4.5.2.1 the required fire flow for a 28,744 sf Type IIIB Building is 3,500 gpm with

Per NFPA-1, 18.4.5.3.2, that the required fire flow, as established in Table 18.4.5.2.1 shall be reduced

by 75%, with a fire flow no less than 1,000 gpm when the building is provided with an approved

Hydrant Flow Test Result on Monroe Street show a minimum flow of 1060 GPM.

Fire Flow Calculations for 2242 Monroe Street

The proposed building shall have an approved automatic sprinkler system.

residential to the North, South, East and West.

SITE DATA

DESIGN CRITERIA

a flow duration of 3 hours.

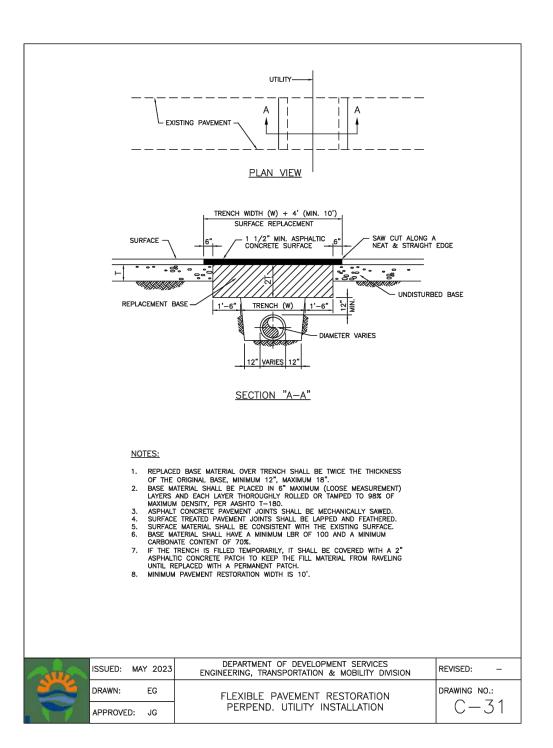
automatic sprinkler system.

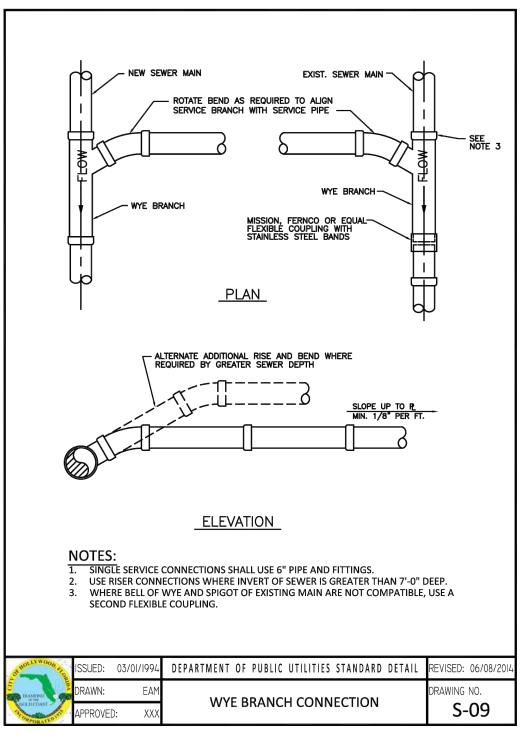
REQUIRED FIRE FLOW

3,500 X 0.25 = 875 GPM (1,000 gpm Min)

- 18. MINIMUM HORIZONTAL SEPARATION BETWEEN STORM STRUCTURES AND WATER MAINS SHALL BE 3'. 19. MAXIMUM DEFLECTION PER EACH JOINT SHALL BE 50% OF MANUFACTURES RECOMMENDATION
- (MAXIMUM) WHERE DEFLECTION IS REQUIRED. 20. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH WATER MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, WATER MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 18" MINIMUM VERTICAL SEPARATION. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR
- 1. PIPE JOINT RESTRAINT SHALL BE PROVIDED BY THE USE OF DUCTILE IRON FOLLOWER GLANDS MANUFACTURED TO ASTM A 536-80. TWIST-OFF NUTS SHALL BE USED TO ENSURE PROPER ACTUATING OF THE RESTRAINING DEVICES. THE MECHANICAL JOINT RESTRAINING DEVICES SHALL HAVE A WORKING PRESSURE OF 250 PSI MINIMUM, WITH A MINIMUM SAFETY FACTOR OF 2:1, AND SHALL BE EBAA IRON INC.. MEGALUG OR APPROVED EQUAL, JOINT RESTRAINTS SHALL BE PROVIDED AT A MINIMUM OF THREE JOINTS (60 FEET) FROM ANY FITTING.
- 22. WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH, THE CONTRACTOR SHALL FURNISH PLIT IN PLACE AND MAINTAIN SLICH SHEETING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION TO ENSURE PERSONNEL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER SAFETY REQUIREMENTS.

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	2	242 MONROE ST		
	Was	te Water Genera	tion	
Use	Quantity	Generation Rate*	ERU	Demand
Proposed				
Residential				
One Bedroom	17	250 GPD	13.5	4,250 GPD
Two Bedroom	3	250 GPD	2.4	750 GPD
Three Bedroom	4	250 GPD	3.2	1,000 GPD
Pool	25 person capacity	2 gal/person	0.2	50 GPD
		Total Proposed	19.3 ERU @ 315 GPD	6,050 GPD
	Potabl	le Water Consum	ption	
Use	Quantity	Generation Rate*		Demand
Proposed				
Residential	_			
One Bedroom	17		13.5	4,725 GPD
Two Bedroom	3		2.4	840 GPD
Three Bedroom	4		3.2	1,120 GPD
Pool	25 person capacity		0.2	70 GPD
			19.3 ERU @ 350 GPD	

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	2	242 MONROE ST	Γ	
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Use	Quantity	Generation Rate*	ERU	Demand
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One Bedroom	17	250 GPD	13.5	4,250 GPD
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	5 1			
	Potab	le Water Consum	ption	
Use	Quantity	Generation Rate*		Demand
Proposed				
Residential				
One Bedroom	17		13.5	4.725 GPD

	Potabl	e Water Consum	ption	
Use	Quantity	Generation Rate*		Demand
roposed				
Residential				
One Bedroom	17		13.5	4,725 GPD
Two Bedroom	3		2.4	840 GPD
Three Bedroom	4		3.2	1,120 GPD
Pool	25 person capacity		0.2	70 GPD
	340 ERU @ 350 GPD	Total Proposed	19.3 ERU @ 350 GPD	6,755 GPD

FLOW. ERU = Equivalent Residential Unit and the Broward County Code of Ordinances Section 27-201

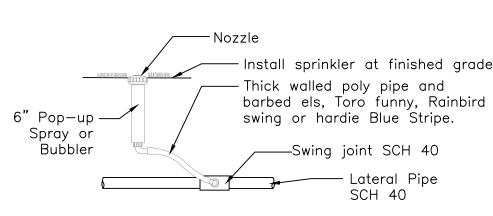
Reviews:

JORGE SZAUER FLA. REG. P.E. # 62579

JORGE M. SZAUER J. JANSI JORGE M. SZAUER NOV. 2024

AS SHOWN

C-04A



6" Pop-up Spray / Bubbler Detail

IRRIGATION NOTES:

Main Lines: PVC SCH 40 Solvent Weld. Zone Lines: PVC SCH 40 Solvent Weld. 1/2 in. is not used. All pipe is 3/4 in. Sleeves and suction Line: PVC SCH 40.

Fittings: SCH 40 PVC

Fabrication: To manufacturers specifications. Use blue or grey PVC cement, square cut, clean and prime all joints.

Allow all main lines to cure for 24 hours before pressuring.

All pipe, fittings, and solvents to conform to latest ASTM specs.

Depth of Lines: Main Line and wiring = 18 in. depth, min. Sleeving under pavement = 24 in. depth, min. Suction Line = 24 in. depth, nominal.

Zone Lines 1-1/2 in and smaller = 15 in depth, min.

Control Wires: AWG 14 for all hot wires and AWG 12 for common. Solid copper type UF UL listed for direct burial.

Run wires under main. Run spares, two min.

Splice wires only in a valve box. All splices shall be moisture proof using Snap tite or DBY UL connectors.
Common shall be white, hot shall be red or color coded

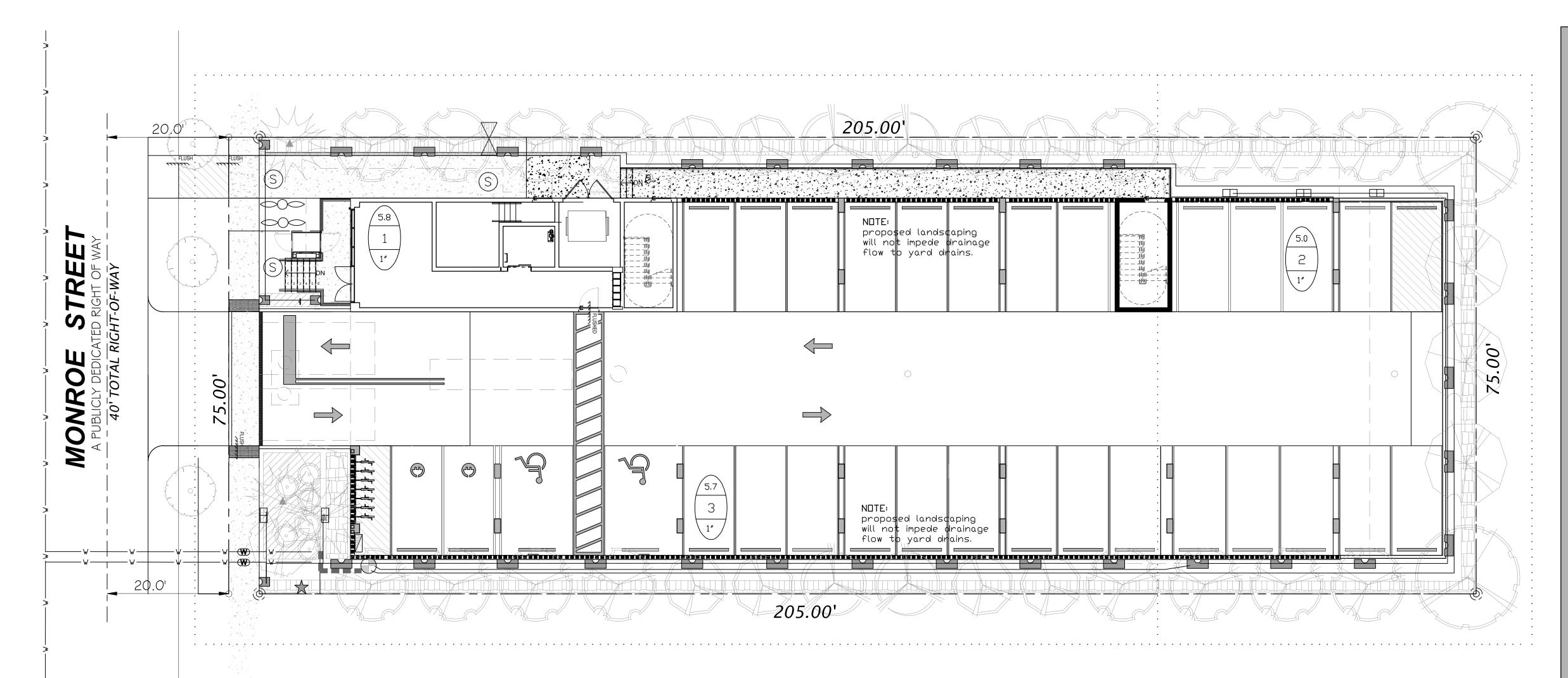
Spare shall be black. Run all wires in Grey Electrical SCH 40 conduit...

Backfill all trenches free of debris, compact to original density, flush all lines, use screens in all heads, adjust heads for proper coverage avoiding excess water on walls, walks, etc.

All details are graphically shown only. All quantities shall be verified by the contractor prior to installation. It shall be the contractors responsibility to assure complete overlapping coverage. Any discrepancies shall be reported to the owner and landscape architect before proceeding. Codes and local regulations shall take precedence over these plans, it is the contractors responsibility to comply. The landscape architect reserves the right to make minor field changes, the contractor may field adjust spray nozzle selection to provide for proper 100% min. coverage.

Provide owner with an accurate as installed plan(s) at completion showing main lines, wiring, valves, crossings, etc. using dimensions from fixed datums.

Contractor shall verify all underground utilities prior to commencement of work.





---- 1" MAIN LINE LATERAL ZONE LINES.

ZONE BOUNDARIES

1" VACUUM BREAKER: Wilkins WK720A-100.

CONTROLLER - Intermatic Electric 4 station controller mounted just inside the door of the

Fire Pump and Domestic Water Room. Mini Clik automatic rain sensor shutoff switch mounted outside on eave of structure.

ZONE VALVES - Fimco 3 Station Indexing.

SLEEVES -Sch. 40, 2 Sizes Larger. NOTE - Pipe Size Shown is the Lateral Size, NOT the Sleeve Size

> 6" POP-UP SPRAY -Hunter MP Rotator Series:

Nozzles as Required. NOTE - All of the below may not be used

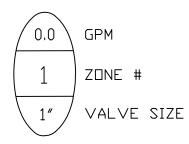
6-12' Radius 90 Q 120 T 180 H 240 TT

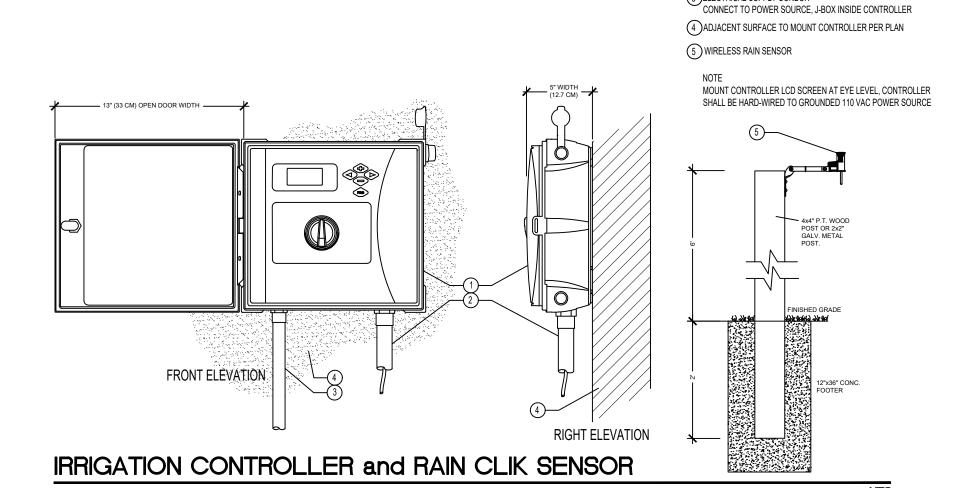
∞ 6" POP-UP STREAM BUBBLER - Hunter 5-CST-B 5'R.

SS-530 5 × 30'

■ ES-515 5 × 15′

270 TQ 360 F







2)IRRIGATION CONTROL WIRE IN CONDUIT

SIZE AND TYPE PER LOCAL CODES (3) ELECTRICAL SUPPLY CONDUIT

business days before digging to have utilities located and marked.

Check positive response codes before you dig!



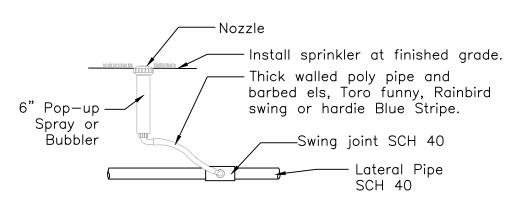


CHECKED:

11-4-2024

DATE:

WILKINS MODEL 720A



6" Pop-up Spray / Bubbler Detail

IRRIGATION NOTES:

Piping: Main Lines: PVC SCH 40 Solvent Weld. Zone Lines: PVC SCH 40 Solvent Weld. 1/2 in. is not used. All pipe is 3/4 in. Sleeves and suction Line: PVC SCH 40.

Fittings: SCH 40 PVC

Fabrication: To manufacturers specifications. Use blue or grey PVC cement, square cut, clean and prime all joints.

Allow all main lines to cure for 24 hours before pressuring.

All pipe, fittings, and solvents to conform to latest ASTM specs.

Depth of Lines: Main Line and wiring = 18 in. depth, min. Sleeving under pavement = 24 in. depth, min. Suction Line = 24 in. depth, nominal. Zone Lines 1-1/2 in. and smaller = 15 in. depth, min.

Control Wires: AWG 14 for all hot wires and AWG 12 for common. Solid copper type UF UL listed for direct burial. Run wires under main Run spares, two min.

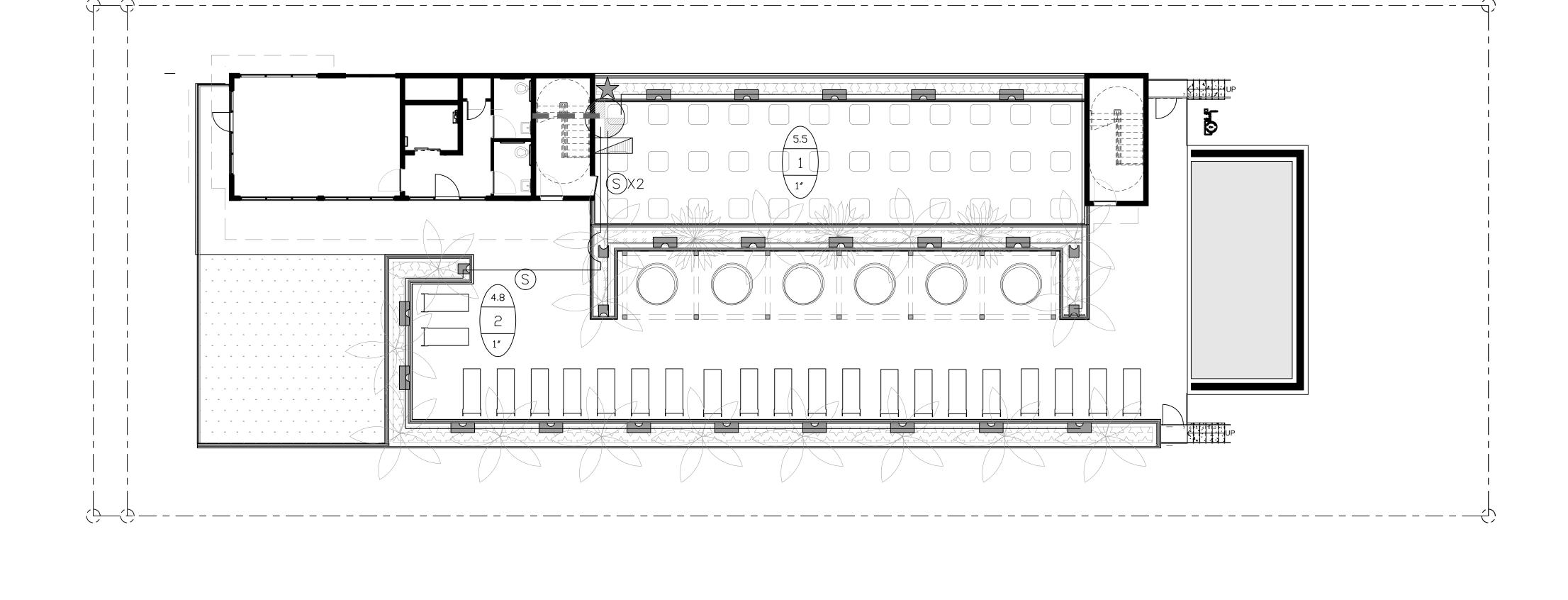
Splice wires only in a valve box. All splices shall be moisture proof using Snap tite or DBY UL connectors. Common shall be white, hot shall be red or color coded Spare shall be black. Run all wires in Grey Electrical SCH 40 conduit..

Backfill all trenches free of debris, compact to original density, flush all lines, use screens in all heads, adjust heads for proper coverage avoiding excess water on walls, walks, etc.

All details are graphically shown only. All quantities shall be verified by the contractor prior to installation. It shall be the contractors responsibility to assure complete overlapping coverage. Any discrepancies shall be reported to the owner and landscape architect before proceeding. Codes and local regulations shall take precedence over these plans, it is the contractors responsibility to comply. The landscape architect reserves the right to make minor field changes, the contractor may field adjust spray nozzle selection to provide for proper 100% min, coverage.

Provide owner with an accurate as installed plan(s) at completion showing main lines, wiring, valves, crossings, etc. using dimensions from fixed datums.

Contractor shall verify all underground utilities prior to commencement of work.



IRRIGATION LEGEND:

---- 1" MAIN LINE LATERAL ZONE LINES.

> CONTROLLER - Intermatic Electric 4 station controller.

Mini Clik automatic rain sensor shutoff switch.

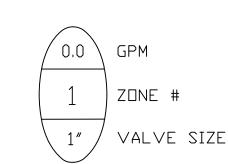
ZONE VALVES - Fimco 2 Station Indexing.

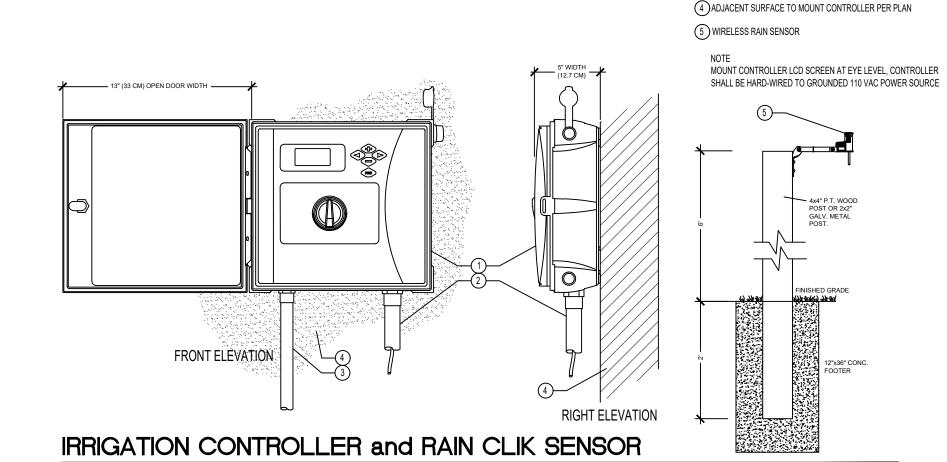
SLEEVES -Sch. 40, 2 Sizes Larger. NOTE - Pipe Size Shown is the Lateral Size, NOT the Sleeve Size

6" POP-UP SPRAY:

SS-530 5 × 30'

■ ES-515 5 × 15′







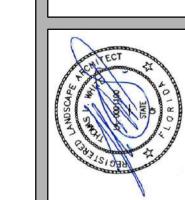
1)IRRIGATION CONTROLLER

(2) IRRIGATION CONTROL WIRE IN CONDUIT SIZE AND TYPE PER LOCAL CODES (3) ELECTRICAL SUPPLY CONDUIT

CONNECT TO POWER SOURCE, J-BOX INSIDE CONTROLLER

business days before digging to have utilities located and marked.

Check positive response codes before you dig!



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REVISIONS

1-30-2025: Misc.

CHECKED: DATE: 11-4-2024 SCALE: 1"=10'

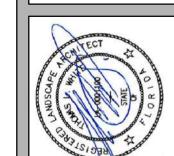


Case/Location	1: 2242 Monroe Street, Hollywood, FL						
Date	e: 10/28/2024						
Appraise	r: Thomas White, ASLA-ISA. Arborist FL-5248A						
3 45 153 535	Landscape Architect #FL1100						
	ISA Cert. Arborist #FL-5248A						
Tree	Species	Ht.	Spr.	DBH	Condition	DBH	Disposition
	The state of the s		100		Condition		Disposition
#	Botanical Name / Common Name	Feet	Feet	Inches		Removed Inches	
1	Mangifera indica / Mango	30	20	0	Poor	8	Remove
2	Cupressus sempervirens / Italian Cypress	15	20	8	Fair	0	Remove
3	Cupressus sempervirens / Italian Cypress	15	2	2	Fair	0	Remove
4	Cupressus sempervirens / Italian Cypress	7	2	2	Fair	0	Remove
5	Phyllanthus emblica / Indian Gooseberry	30	20	7	Poor	7	Remove
6	Phyllanthus emblica / Indian Gooseberry	20	15	7	Poor	7	Remove
7	Mangifera indica / Mango	25	35	24	Poor	24	Remove
8	Citrus spp. / Citrus	6	6	1	Very Poor	0	Remove
9	Syzygium cumini / Java Plum	19	15	5	Poor	5	Remove
10	Citrus spp. / Citrus	8	6	3	Very Poor	3	Remove
12	Mangifera indica / Mango	15	12	6	Poor	6	Remove
13	Grevillea robusta / Silk Oak	55	30	28	Poor	28	Remove
14	Syzygium cumini / Java Plum	18	6	4	Poor	4	Remove
15	Lysiloma latisiliquum / Tamarind	50	25	34	Poor	34	Remove
16	Mangifera indica / Mango	50	40	42	Poor	42	Remove
17	Mangifera indica / Mango	30	20	8	Poor	8	Remove
18	Ficus aurea / Strangler Fig	10	8	3	Very Poor	3	Remove
19	Mangifera indica / Mango	10	10	4	Poor	4	Remove
20	Mangifera indica / Mango	25	15	6	Poor	6	Remove
21	Mangifera indica / Mango	4	4	2	Poor	0	Remove
22	Mangifera indica / Mango	4	4	2	Poor	0	Remove
				DE	BH Removed	189	
Existing P	alm List						
Palm	Species	Ht.	CT	DBH	Condition	Replacement	Disposition
#	Botanical Name / Common Name	Feet	Feet	Inches		Palms	
2.3		3.5		_		8.0	
11	Cocos nucifera / Coconut Palm	18	10	8	Good-Fair is Required	1	Remove

Sunshine

Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig!



Existing Multi Fa

DRAWN: TW CHECKED: TW DATE: 11-4-2024 SCALE: 1"=20'

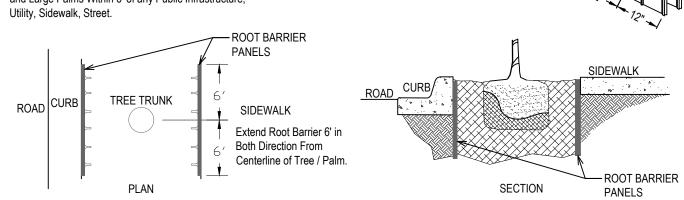


century root bay rier

CPU-SERIES: CPU12-2, CPU 24-2, CPU 36-2, CPU 48-2, CPU 60-2 A. THE ROOT BARRIER SHALL BE CPU-UTILITY SERIES PANELS MANUFACTURED BY CENTURY PRODUCTS, 1144 N. GROVE STREET, ANAHEIM, CA 92806 (714) 632-7083 OR APPROVED EQUIVALENT. B. BARRIERS ARE BLACK, EXTRUDED, MODULAR PANELS MANUFACTURED USING RECYCLED POLYETHYLENE PLASTIC WITH ULTRAVIOLET INHIBITORS. EACH PANEL HAS FLEXIBLE, EXTRUDED, 90° VERTICAL ROOT DIVERTING RIBS PROTRUDING ½"-34" IN HEIGHT WITH A MINIMUM THICKNESS OF 0.080" AND ARE PLACED 6" (15 CM) APART. INTERLOCKING, PANEL TO PANEL JOINING SYSTEM DESIGNED TO FOLD HORIZONTALLY FOR TIGHTER FIT PROVIDES FOR AN INSTANT ASSEMBLY BY SLIDING ONE PANEL INTO ANOTHER.

MATERIAL	POLYETHYLENE	
THICKNESS	0.080"	
	ASTM TEST	VALUE POLYETHYLEN
PROPERTIES:	METHOD	COPOLYMER
TENSILE STRESS @ YIELD	D638	4100 TO 4300 PSI
ELONGATION @ BREAK	D638	40%
TENSILE MODULUS OF ELASTICITY	D638	150,000 PSI
FLEXURAL STIFFNESS	-	-
CANTILEVER BEAM	D747	125,000
TENSILE IMPACT	D1822	PSI 50FT. LBS/IN ²
ENVIRONMENTAL STRESS	-	-
CRACK RESISTANCE	D1693	1 HR.
HARDNESS, SHORE D	D2240	68

NOTE:
Root Barrier to be used for all Large and Medium Trees and Large Palms Within 6' of any Public Infrastructure,



CENTURY PRODUCTS 1144 N. GROVE ST. ANAHEIM, CA 92806

TOLL FREE: 1-800-480-8084 PHONE: (714) 632-7083 FAX: (714) 632-5470 www.centuryrootbarrier.com

-FLEXIBLE TOP SAFETY EDGE

- 90° 1/2"- 3/4" RAISED RIB, SIDE

WELL APPLICATIONS

RIBS, SPACED APART

1' (30CM) SECTIONS

-VERSATILE BARRIER FOR LINEAR OR TREE

-MANUFACTURED WITH RECYCLED PLASTIC -RAISED 90° EXTRUDED ROOT DEFLECTING

INTERLOCKING PANEL TO PANEL JOINING

-ADJUSTABLE ANTI-LIFT POLYETHYLENE PANELS WHICH CAN BE SEPARATED INTO

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. 2. ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURER'S SPECIFICATIONS.

DO NOT SCALE DRAWING.

4. THESE DRAWINGS ARE NOT FOR CONSTRUCTION PURPOSES AND ARE FOR INFORMATION PURPOSES ONLY. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT

MANUFACTURER TO BE CONSIDERED ACCURATE. 5. TOLERANCES MAY VARY IN ORDER TO MAINTAIN THE INTEGRITY OF POST-CONSUMER MATERIALS AND ASSURE THE MATERIAL STRUCTURE. WE MAKE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AND SPECIFICALLY DISCLAIM THE WARRANTY OF

MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. 6. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info

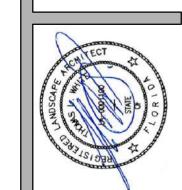
REFERENCE NUMBER 005-019.

Code		Drought	QTY.	Botanical Name / Common Name	Specifications	
CODE		JIRED TRE	EC			
CODE	(N)	V V	2	Cordia sebestena / Orange Geiger	12'x5-6', 2" DBH, Sng. Trunk	
CE	(N)	V	2	Conocarpus erectus sericeus / Silver Buttonwood	14'-16'x6-7', 3" DBH, Sng. Trunk	
IC	(N)	V	18	llex cassine / Dahoon Holly	12'x5-6', 2" DBH, Sng. Trunk	
KF	(N)	V	3	Krugiodendron ferreum / Black Ironwood	12'x5-6', 2" DBH, Sng. Trunk	
LI	(14)	V	6	Lagerstroemia indica / Crape Myrtle	12'x5-6', 2" DBH, Sng. Trunk	
LL	(N)	V	2	Lysiloma latisiliquum / Tamarind	12'x5-6', 2" DBH, Sng. Trunk	
VM	(14)	V	3	Veitchia montgomeryana / Montgomery Palm	10' CT, 4" DBH	
VIVI		V	35	Total Site Trees (VM Counted 3:1)	10 01,4 DBH	
			Note-	The Two 3" DBH CE Trees Count as Three Trees		
			27	Native Trees		
			77%	Native Trees		
			1176	Native fiees		
MITIGA	ATION	PAYMEN	T INTO TH	E TREE TRUST	Total DBH Added	0
					Total DBH Removed	189
					DBH Deficiency	189
					he Tree Trust Fund @ \$350 per ea. 2" =	\$33,075
	DSED		ON PALMS			
VM		V	1	Veitchia montgomeryana / Montgomery Palm	10' CT, 4" DBH	
			1	Total Site Palms	Total Palms Added	1
					Total Palms Removed	1
					Palm Deficiency	0
ACCEN	NTS /	SHRUBS /	GROUND	COVERS		
CRS	(N)	V	157	Clusia rosea / Small Leaf Clusia	42-48" Ht. x 24" Spr., 36" OC	
CRI	(N)	V	6	Crinum augustum / 'Queen Emma' Crinum	3' x 3'	
			163	Total Shrubs		
			163	Native Shrubs		
			100%	Native Shrubs		
GROUI	ND C	OVERS / S	OD			
LME	10 0	V	140	Liriope muscari 'eg' / Liriope Evergreen Giant	12" Ht. x 8" Spr., 12" OC	
Sod		M	5	.F. Stenotaphrum secundatum / St. Augustine 'Palmetto'	Solid application - no gaps between seams	ı
			М	Moderate Drought Tolerant		
			V	Very Drought Tolerant		
			(N)	Florida Native Species		

A C DAC						
4.6 RAC						
4.d.(3)1	Street Trees: One Per 30 LF of Street Frontage		Required		Provided	
	75 LF Feet of Monroe Street		3		3	
4.d.(3)2	5' Landscape Buffer Required and Provided. One Tree per 20 LF					
	485 LF Perimeter of East, South, West Boundaries		25		25	
4.d.(3)5	5' Landscape Buffer Required and Provided. 42" Landscape Eleme	ent				
	485 LF Perimeter of East, South, West Boundaries		42" Hedge		42" Hedge	CRS 42"
4.d.(3)9	One Tree per every 1,000 square feet of Pervious Area					
1903-990	6,364 Square Feet of Pervious (Net Lot) Area.		7		7	
4.d.(3)12	20% Landscape Open Space					
	16,887 SF Gross Site Area:		3,377	20%	6,364	26%
		Total Trees:	35		35	



Check positive response codes before you dig!



REVISIONS

Added.
3-24-2025: Note Added
to Plant List Regarding the
Two CE's @ 3" DBH.

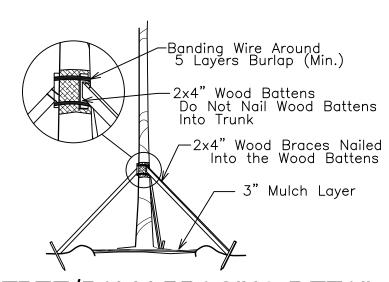
1-30-2025: Misc.

CHECKED: DATE: 11-4-2024 SCALE: 1"=10'

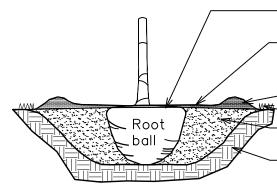


GENERAL LANDSCAPE NOTES

- The plan takes precedence over the plant list.
- 2 Full business days before digging, call toll free 1-800-432-4770 Sunshine State One Call of Florida, Inc. Notification Center. 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 existing utilities shown on the plans are to be considered approximate and should be verified by the contractor prior to the start of work operations.
- General site and berm grading to \pm 1 inch (1") shall be provided by the general contractor. All finished site grading and final decorative berm shaping shall be provided by the landscape
- 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
- All plant material furnished by the landscape contractor shall be Florida #1 or better as
- established by Grades and Standards for Florida Nursery Trees and Plants. • All trees designated as single trunk shall have a single, relatively straight, dominant leader, proper structural branching and even branch distribution. Trees with bark inclusion, tipped branches, and co-dominant trunks will not be accepted. Trees with girdling, circling and/or plunging roots will be rejected.
- ullet All planting beds shall be free of all rocks ${1\over2}"$ or larger, sticks, and objectionable material including weeds, weed seeds. All limerock shall be removed/cleaned down to the native soils. Planting soil 50/50 sand/topsoil mix shall be delivered to the site in a clean loose and friable condition and is required around the root ball of all trees and palms, the top 6" of all shrubs and ground cover beds. This soil can be tilled into the existing soil after the existing soil has been cleaned of all rocks, limestone and sticks. Recycled compost is encouraged as a soil amendment alternative. Sod 1.5-2" topsoil comes furnished.
- All burlap, string, cords, wire baskets, plastic or metal containers shall be removed from the rootballs before planting. Remove all bamboo and metal nursery stakes. Remove all tagging
- All trees/palms shall be planted so the top of the root ball, root flair are slightly above final grade. Shrub material shall be planted such that the top of the plant ball is flush with the surrounding grade. 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.
- All trees/palms shall be staked using biodegradable material. No wire, black strapping, or other synthetic material shall be used. Nailing into trees and palms for any reason is prohibited and the material will be rejected. Please refer to the planting details
- All landscape areas shall be irrigated by a fully automatic sprinkler system with a minimum 100% coverage with all heads adjusted to 50% overlap. Each system shall be installed with an operational rain sensor and rust inhibitor.
- All landscape areas shall be covered with Pine Straw, Pine Bark, Eucalyptus or sterilized seed free Melaleuca mulch to a minimum depth of two inches (2") of cover when settled. Spread mulch to 1" thickness 3" away from the trunks/stems of all plant material. All trees in sodded areas shall have a clean cut 4' diameter mulch ring. The 5—6" height water ring shall be made from mulch, not soil. Certain areas may receive a thicker mulch cover where noted on plans. Cypress, red, gold and green mulch is prohibited.
- Please refer to the planting details for a graphic representation of the above notes. All plant material as included herein shall be warranted by the landscape contractor for a
- minimum period of 12 months after final inspection approval.
- No landscape substitutions shall be made without the City of Hollywood approval.
- No tree removal or planting allowed until sub permits are fully approved by city. • Trees and Palms shall not be removed without first obtaining an approved Tree Removal Permit from the City of Hollywood.

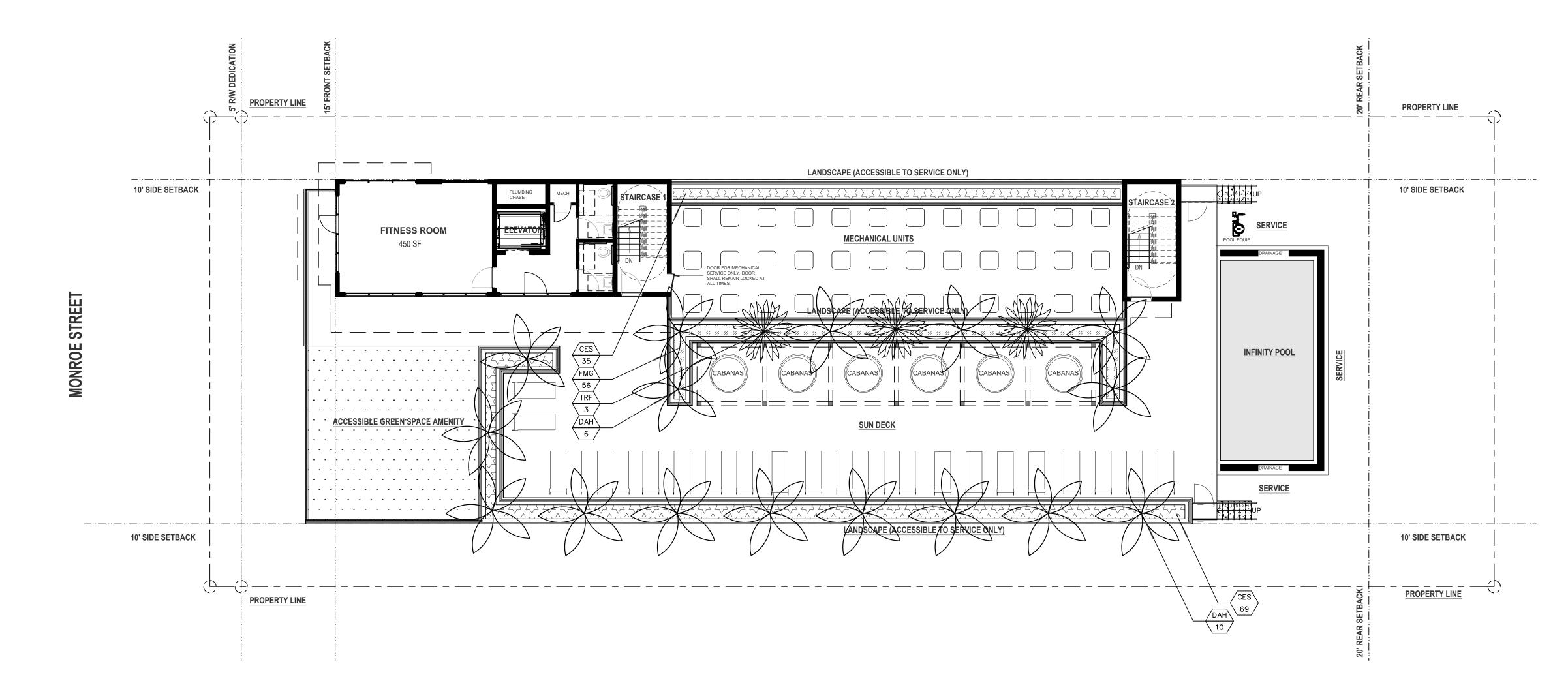


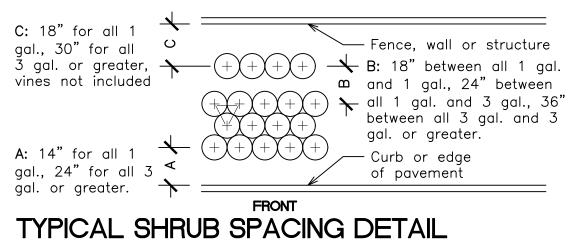
TREE/PALM BRACING DETAIL

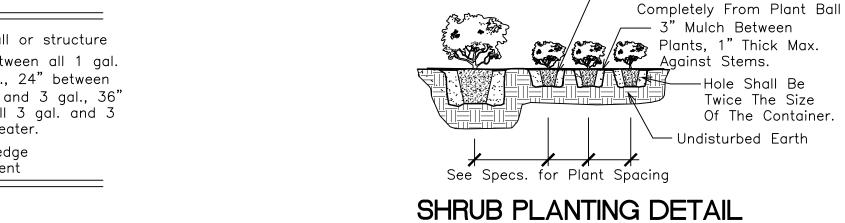


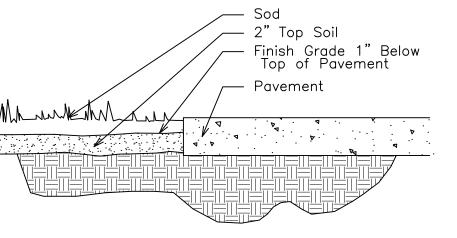
Top of root ball 1" above landscape soil. 3" Mulch Layer, 1" Thick Against Trunk And Root Flare. 5-6" Mulch Water Ring. 📸 Sod Where Applicable. — Backfill with Tilled in 50/50 Topsoil/Sand. - Undisturbed Earth.

TREE/PALM PLANTING DETAIL









Specifications

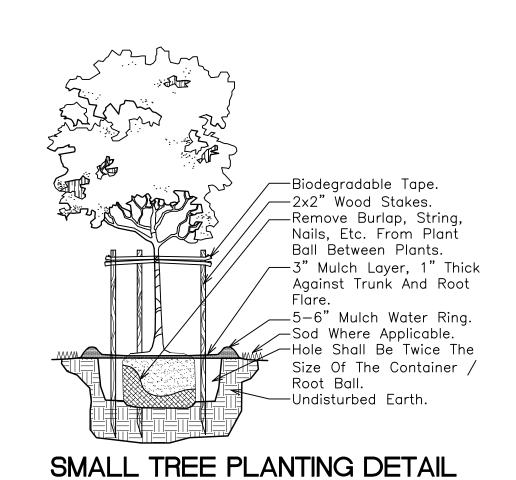
18"x 18", 24" OC

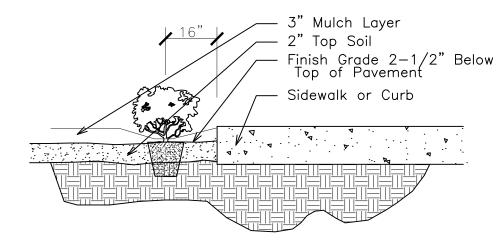
18" Spr., 20-24" OC

6' OA Ht.

6' OA Ht.

SOD INSTALLATION DETAIL





	107	Native Small Palms / Shrubs
	60%	Native Small Palms / Shrubs
	M	Moderate Drought Tolerant
	V	Very Drought Tolerant
	(N)	Florida Native Species
SHRUB INSTALLATION DETAIL		
OFFICE INCTALLATION DETAIL		

CES

FMG

2242 Monroe Street Plant List - Roof Top

179

Botanical Name / Common Name

Concarpus erectus sericeus / Silver Buttonwood

Dictyosperma album / Hurricane Palm

Ficus microcarpa / Green Island Ficus Thrinax radiata / Florida Thatch Palm

Total Site Small Palms / Shrubs

Drought QTY.

- Remove Container



Check positive response codes before you dig!





CHECKED:

DATE: 11-4-2024 SCALE: 1"=10'

REVISIONS

 $\boldsymbol{\omega}$

Multi

1-30-2025: Misc. Site Plan Revisions

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.

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

KALLER ARCHITECTURE

Date: 11#26/&\$&(Time: 10:40AM	Static Pre	ssure -	-)8		
Residual/Static Hydrant	Address/Location	n	Residual Pressures			
P - Hydrant			F-1 Only	F-2 Only		
FH004028	2225 Monroe St.))))			
		F-1& F-2 >)2				
Flow Hydrants	Address/Location	Address/Location				
F-1 Hydrant			GF	PM		
(Individual)	2209 Monroe St					
FH004029		1060				
F-2 Hydrant			GF	PM		
(Individual)	0205 Manua Ct		444	•		
FH004027	2305 Monroe St		1160			
F-1 Hydrant			GF	PM		
(Both Flowing)	2209 Monroe St.		106	60		
F-2 Hydrant			GF	PM		
(Both Flowing)	2305 Monroe St.		1130			
L	I .					



Republic Services 751 NW 31st Ave Fort Lauderdale, FL 33311 954-235-1153 Edavila@Republicservices.com

12/13/2024

Kaller Architecture 2417 Hollywood Blvd Hollywood, FL 33020

Subject: Confirmation of Trash Services for 2242-2246 Monroe St, Hollywood FL 33020

Dear Mr.Kaller,

We are pleased to confirm our availability to provide trash collection and waste management services for the new building project located at 2242-2246 Monroe St, Hollywood FL 33020.

As part of our service offering, we ensure:

- 1. **Reliable Trash Collection**: Scheduled pickups tailored to the property's needs.
- Customizable Waste Solutions: Options for standard waste and recycling waste removal.
- 3. **Compliance with Local Regulations**: Adherence to all municipal waste management requirements.

I suggest the maintenance staff leaves the containers on Monroe Street on service days so we can service it effectively. If any additional specifications are needed for the building's design or documentation, please feel free to reach out. We're happy to collaborate to ensure seamless integration of waste services into the project.

Thank you for choosing Republic Services for your waste management needs. We look forward to serving this property and ensuring it operates efficiently from day one.

Sincerely,

Eileen Davila

Account Executive

Republic Services

The School Board of Broward County, Florida

PRELIMINARY SCHOOL CAPACITY AVAILABILITY DETERMINATION

SITE PLAN
SBBC-3913-2024
2242-2246 Monroe Street Apartments
October 28, 2024



SCAD Expiration Date: April 26, 2025

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: October 28, 2024	Single-Family:		Elementary: 2		
Name: 2242-2246 Monroe Street Apartments	Townhouse:				
SBBC Project Number: SBBC-3913-2024	Garden Apartments: 24		Middle: 0		
County Project Number:	Mid-Rise:				
Municipality Project Number:	High-Rise:		High: 1		
Owner/Developer: Uniconte LLC	Mobile Home:				
Jurisdiction: Hollywood	Total: 24		Total: 3		

SHORT RANGE - 5-YEAR IMPACT

		<u> </u>	<u> </u>	10 <u> </u>	-/		1
Currently Assigned Schools	Gross Capacity	LOS * Capacity	Benchmark* Enrollment	Over/Under	Classroom Equivalent Needed to Meet LOS	% of LOS*** Capacity	Cumulative Reserved Seats
Colbert Elementary	812	874	585	-308	-17	65.5%	4
Olsen	1,080	694	558	-630	-28	47.0%	11
South Broward High	2,297	959	2,295	-231	-9	90.9%	15

	Adjusted	Over/Under LOS-Adj.	% LOS Cap. Adj.		Proj	ected Enroll	ment	
Currently Assigned Schools	Benchmark	Benchmark Enrollment	Benchmark	24/25	25/26	26/27	27/28	28/29
Colbert Elementary	589	-304	66%	574	558	572	556	549
Olsen	569	-669	46%	519	489	490	521	508
South Broward High	2,310	-208	91.7%	2,285	2,286	2,280	2,275	2,268

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: https://www.browardschools.com/Page/34040. 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.

^{*}This number represents the higher of: 100% gross capacity or 110% permanent capacity. **The first Monday following Labor Day. ***Greater than 100% exceeds the adopted Level of Service (LOS).

CHARTER SCHOOL INFORMATION

	2023-24 Contract	2023-24 Benchmark		Proje	cted Enrollr	nent
Charter Schools within 2-mile radius	Permanent Capacity	Enrollment	Over/(Under)	24/25	25/26	26/27
Avant Garde Academy	1.074	1.139	65	1.139	1.139	1.139
Avant Garde K-8 Broward	1.050	1.125	75	1.125	1.125	1.125
Ben Gamla Charter	625	353	-272	353	353	353
Ben Gamla Charter North Broward	900	289	-611	289	289	289
Hollywood Academy 6_8	450	453	3	453	453	453
Hollywood Academy K_5	1.100	1.113	13	1.113	1.113	1.113
International Studies Academy High School	372	224	-148	224	224	224
International Studies Academy Middle School	594	293	-301	293	293	293
Paragon Academy Of Technology	500	142	-358	142	142	142
South Broward Montessori Charter School	348	164	-184	164	164	164
Sunshine Elementary	500	211	-289	211	211	211

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

School(s)	Description of Improvements
Colbert Elementary	There are no scheduled classroom additions in the current ADEFP that would increase the reflected FISH capacity of the school.
Olsen	There are no scheduled classroom additions in the current ADEFP that would increase the reflected FISH capacity of the school.
South Broward High	There are no scheduled classroom additions in the current ADEFP that would increase 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: https://www.browardschools.com/Page/34040. 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

The site plan application proposes 24 (17 one-bedroom or less and 7 two-bedroom) garden apartment units, which are anticipated to generate 3 (2 elementary and 1 high) students into Broward County Public Schools.

Please be advised that this application was reviewed utilizing 2023/24 school year data because the current school year (2024/25) data will not be available until updates are made utilizing the Benchmark Day Enrollment Count and the five-year student enrollment projections. The school Concurrency Service Areas (CSA) serving the project site in the 2023/24 school year include Colbert Elementary, Olsen Middle, and South Broward High Schools. Based on the Public School Concurrency Document (PSCPD), all three schools are currently operating below the Level of Service Standard (LOS), which is established as the higher of 100% gross capacity or 110% permanent capacity. Incorporating the cumulative students anticipated from this project as well as approved and vested developments anticipated to be built within the next three years (2023/24- 2025/26), these schools are expected to maintain their current status through the 2025/26 school year. Additionally, the school capacity or Floridal Inventory of School Houses (FISH) for the impacted schools reflects compliance with the class size constitutional amendment.

Charter schools located within a two-mile radius of the site in the 2023/24 school year 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 CSA, the Board may utilize 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 2024/25 to 2028/29 regarding pertinent impacted schools are depicted above.

This application satisfies public school concurrency on the basis that there is adequate school capacity anticipated to be available to support the project as proposed. This preliminary determination shall be valid for either the end of the current school year or 180 days, whichever is greater for a maximum of 24 (17 one-bedroom or less and 7 two-bedroom) garden apartment units, and conditioned upon final approval by the applicable governmental body. As such, this Preliminary School Capacity Availability Determination (SCAD) Letter will expire on April 26, 2025. This preliminary school concurrency determination shall be deemed to be void unless prior to the referenced expiration of the preliminary 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. Please be advised that the expiration of the SCAD will require the submission of a new application and fee for a new public school concurrency determination. Upon the District's receipt of sufficient evidence of final approval, which shall minimally specify 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-3913-2024 Meets Public School Concurrency Requirements	Yes No
	Reviewed By:
10/28/2024	Glennika D. Gordon
Date	Signature
	Glennika D. Gordon, AICP
	Name
	Planner
	Title

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 notel/motel development? Yes Mo
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: Mike Kaplun
2. Project Name: 2242-2046 Monroe Street Agartments
3. Project Address: 2043-2046 Monroe Sheet
4. Contact person: Joseph B. Kaller
5. Contact number: 954-950-57410
6. Type of unit(s): Single Family Multi-Family Hotel/Motel
7. Total number of residential and/or hotel/motel units: A Residential Units
8. Unit Fee per residential dwelling based on sq. ft.: 17 units? 1130.00
9. Unit Fee per hotel/motel room: \$1,355.00
10. Total Park Impact Fee: 29.051.00 Date: 10 10 24

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@hoflwwoodfl.org with any inquiries.