CITY OF Hollywood

DEVELOPMENT SERVICES
PLANNING DIVISION

GENERAL APPLICATION

APPLICATION DATE: 05/20/2024

2600 Hollywood Blvd
Room 315
Hollywood, FL 33022
Tel: (954) 921-3471
Email: Development@Hollywoodfl.org

SUBMISSION REQUIREMENTS:

- One set of signed & sealed plans *(i.e. Architect or Engineer)*
- One electronic **combined** PDF submission *(max. 25mb)*
- Completed Application Checklist
- Application fee

NOTE:

- This application must be **completed in full** and submitted with all documents to be placed on a Board or Committee's agenda.
- The applicant is responsible for obtaining the appropriate checklist for each type of application.
- Applicant(s) or their authorized legal agent must be present at all Board or Committee meetings.

CLICK HERE FOR FORMS, CHECKLISTS, & MEETING DATES

APPLICATION TYPE (CHECK ALL THAT APPLIES):

- ☑ Technical Advisory Committee
- ☐ Art in Public Places Committee
- ☑ Variance
- ☐ Planning and Development Board
- ☐ Historic Preservation Board
- ☐ Special Exception
- ☐ City Commission
- ☐ Administrative Approval

PROPERTY INFORMATION

Location Address: 901 S Ocean Drive

Lot(s): 7 through 21 Block(s): 17 Subdivision: Hollywood Beach (PB 1

Folio Number(s): 6 folios" 5142 13 01 3760; -3750; -3740; -3730; -3720; -3710

Zoning Classification: BRT-25-R Land Use Classification: High (50) and Medium-Hi

Existing Property Use: Undeveloped Sq Ft/Number of Units: N/A

Is the request the result of a violation notice? ☐ Yes ☑ No **If yes**, attach a copy of violation.

Has this property been presented to the City before? If yes, check al that apply and provide File Number(s) and Resolution(s): PACO Only

DEVELOPMENT PROPOSAL

Explanation of Request: 48-unit condo in a 5-story building (as of right)

Phased Project: Yes ☐ No ☑ Number of Phases:

Project	Proposal
Units/rooms (# of units)	# UNITS: 48 #Rooms N/A
Proposed Non-Residential Uses	N/A S.F.)
Open Space (% and SQ.FT.)	Required %: N/A (Area: 16,608 S.F.)
Parking (# of spaces)	PARK. SPACES: (# 82)
Height (# of stories)	(# STORIES) 5 (65 FT.)
Gross Floor Area (SQ. FT)	Lot(s) Gross Area (83,281 Sq Ft FT.)

Name of Current Property Owner: Hollywood Moon Development LLC

Address of Property Owner: 1835 E Hallandale Beach Blvd #524, Hallandale Beach, Fl 33009

Telephone: 954 294 6446 Email Address: david.akhund@gmail.com

Applicant ODIN Endeavors LLC - Patrick Giannini Consultant ☑ Representative ☐ Tenant ☐

Address: 3148 Mary St, Miami - FL, 33133 Telephone: 847 810 9215

Email Address: patrick@odinendeavors.com

Email Address #2:

Date of Purchase: 8/10/2022 Is there an option to purchase the Property? Yes ☐ No ☑

If Yes, Attach Copy of the Contract.

Noticing Agent (FTAC & Board submissions only) :

E-mail Address:

CITY OF Hollywood

DEVELOPMENT SERVICES
PLANNING DIVISION

GENERAL APPLICATION

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: 05/17/2024

PRINT NAME: Ikhtiyar Akundov Date: 05/17/2024

Signature of Consultant/Representative: _____ Date: 05/17/2024

PRINT NAME: Patrick Giannini Date: 05/17/2024

Signature of Tenant: N/A Date: _____

PRINT NAME: N/A Date: _____

Current Owner Power of Attorney

I am the current owner of the described real property and that I am aware of the nature and effect the request for _____ to my property, which is hereby made by me or I am hereby authorizing _____ to be my legal representative before the _____ (Board and/or Committee) relative to all matters concerning this application.

Sworn to and subscribed before me
this _____ day of _____

_____
Signature of Current Owner

_____
Notary Public
State of Florida

_____
Print Name

My Commission Expires: _____ (Check One) ☐ Personally known to me; OR ☐ Produced Identification _____

PROJECT TEAM

OWNER

HOLLYWOOD MOON DEVELOPMENT LLC

ARCHITECTS

ADACHE GROUP ARCHITECTS
550 SOUTH FEDERAL HIGHWAY
FT LAUDERDALE, FLORIDA 33301
PH. (954) 525-8133 FAX. (954) 728-8159
E-MAIL: info@adache.com

CIVIL TEAM

KIMLEY HORN
8201 PETERS ROAD, SUITE 2200
PLANTATION, FL 33324
PH. (954) 535 5100

LANDSCAPE TEAM

WITKIN HULTS + PARTNERS
307 S 21ST AVE HOLLYWOOD,FL 33020
PH. (954) 923-9681

MEP TEAM

RGD Consulting Engineers
2151 S Alt. A1A Suite 2000 Jupiter, FL 33477
PH. (561) 743-0165

LIST OF DRAWINGS

Sheet Number	Sheet Name
A-0.0	COVER SHEET
A-0.2	SITE CONTEXT
A-0.3	3D MASSING & PROJECT DATA
A-0.4	3D MASSING
A-0.5	3D MASSING
A-0.6	SITE PLAN
A-0.7	PERVIOUS / IMPERVIOUS
A-0.8	AREA
A-1.1	GRADE / PARKING LEVEL
A-1.2	LEVEL 1 (BASE)
A-1.3	LEVEL 2 (TOWER)
A-1.4	LEVEL 3 (TOWER)
A-1.5	LEVEL 4 (TOWER)
A-1.6	LEVEL 5 (TOWER)
A-1.7	LEVEL ROOF
A-2.1	SOUTH ELEVATION-1
A-2.2	SOUTH ELEVATION-2
A-2.3	WEST ELEVATION
A-2.4	NORTH ELEVATION-1
A-2.5	NORTH ELEVATION-2
A-3.1	SECTION
A-3.2	SECTION
A-3.3	SECTION
A-3.4	SECTION
A-3.5	SECTION
A-3.6	CONTEXT SECTION
A-4.1	DETAILS AND NOTES
A-4.2	DETAILS AND NOTES
A-5.0	RENDERING
A-5.1	RENDERING

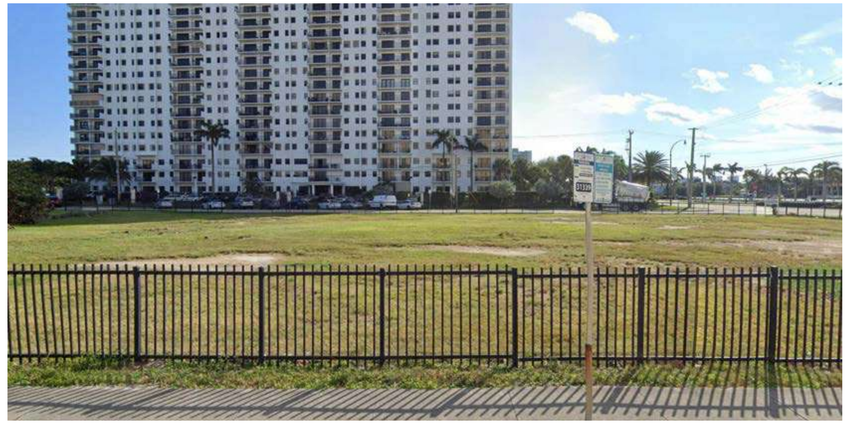
DISLAIMER:

TRUE AND ACCURATE DATA AND PRELIMINARY CONCEPTS CAN ONLY RESULT FROM A THOROUGH DESIGN PROCESS INVOLVING COLLABORATION WITH ENGINEERS AND GOVERNMENTAL AUTHORITIES HAVING JURISDICTION OVER THIS SITE. ALL CONCEPTUAL PLANS, ELEVATIONS, AND DATA ARE BASED UPON ASSUMPTIONS AND UNCONFIRMED PRELIMINARY INFORMATION AND ARE SUBJECT TO CHANGE.

BOOMERANG RESIDENCES

901 S. OCEAN DRIVE, HOLLYWOOD, FL 33019

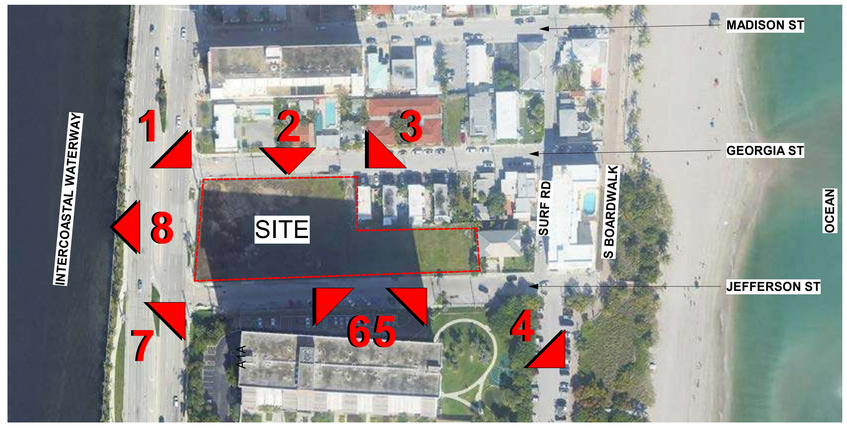
1 - NORTWEST CORNER LOOKING SOUTHEAST



2 - NORTH END OF SITE LOOKING SOUTH

3 - NORTHEAST END OF THE SITE LOOKING SOUTHWEST

8 - WEST END LOOKING AT INTRACOASTAL



EXISTING KEYPLAN (N.T.S.)

4 - SOUTHEAST CORNER OF THE SITE LOOKING AT BEACH

7 - SOUTHWEST CORNER OF THE SITE LOOKING NORTHEAST

6 - SOUTH END OF THE SITE LOOKING NORTHWEST

5 - SOUTH END OF THE SITE LOOKING NORTHEAST

TAC SUBMITTAL SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

SITE CONTEXT

STATE OF FLORIDA — DANIEL E. ADACHE — #AR7073 — REGISTERED ARCHITECT

A-0.2

adache group architects
LIC. # AR0007073

SITE PLAN DATA TABLE

SITE AREA

LOT AREA (GROSS) 83,281 SF	=	1.91	ACRES
LOT AREA (NET) 54,425 SF	=	1.25	ACRES

CURRENT ZONING

BRT-25-R	BEACH RESORT RESIDENTIAL DISTRICT

CURRENT USE

EMPTY LOT

DENISTY*

MAX ALLOWED / ACRE	25 / ACRE*	(48 UNITS MAX PER GROSS LOT SIZE)
PROVIDED	**48 UNITS**	

BUILDING HEIGHT **

MAX ALLOWED		65' - 0"	
PROVIDED	65' - 0"	5 STORIES	1 FLOOR LOBBY / POOL 4 FLOORS UNITS

ACTIVE LINERS***

MIN. DEPTH	15' - 0"
PROVIDED	VARIES SEE PLAN

SETBACKS - BASE

(MEASURED UP TO 25' IN HEIGHT PER SECTION 4.6.A (BASE DEFINITION))

	BASE	PROVIDED
A1A	10' - 0"	30' - 0" VARIES
CROSS STREET	20' - 0" (10' ALLOWED UP TO 40% OF FRONTAGE)	20' / 15' 40% FRONT.
INTERIOR SIDE	5' - 0"	5' - 0"

SETBACKS - TOWER

ALLOWED TO LINE UP WITH BASE SETBACKS FOR 40% OF FRONTAGE PER Section 4.6 (C.2.a.4.b)

	TOWER	PROVIDED
A1A	20' - 0" (10' ALLOWED UP FOR 40% OF FRONTAGE)	20' - 0"
CROSS STREET	25' - 0" (20' ALLOWED UP FOR 40% OF FRONTAGE)	25' / 20' 40% FRONT.
INTERIOR SIDE	15' - 0"	15' / 11' 40% FRONT.

UNIT BREAKDOWN

1 BEDROOM	8 UNITS	*16.66%*
2 BEDROOM	12 UNITS	*25%*
2 BEDROOM + DEN	12 UNITS	*25%*
3 BEDROOM	8 UNITS	*16.66%*
3 BEDROOM + DEN	8 UNITS	*16.66%*
TOTAL	**48 UNITS**	*100%*

RESIDENTIAL SELLABLE SF

PROVIDED	86,428 SF

AMENITY SF

PROVIDED	7,764 SF	INCLUDES RESIDENT LOUNGE & FITNESS CENTER

PERVIOUS AREA

MIN. REQUIRED	25% OF VUA	GARAGE INT: 37,000 SF 25%: 9,250 SF
PROPOSED	12,807 SF	

OPEN SPACE

PROVIDED	16,608 SF

PARKING****

		REQUIRED	PROVIDED
RESIDENTIAL	(1.5 PER UNIT)	72 SPACES	72 SPACES
VISITOR	(1 PER 5 UNITS)	10 SPACES	10 SPACES
TOTAL	FHA 2% X 82 Spaces = 2 spaces	**82 *****	**82 SPACES**

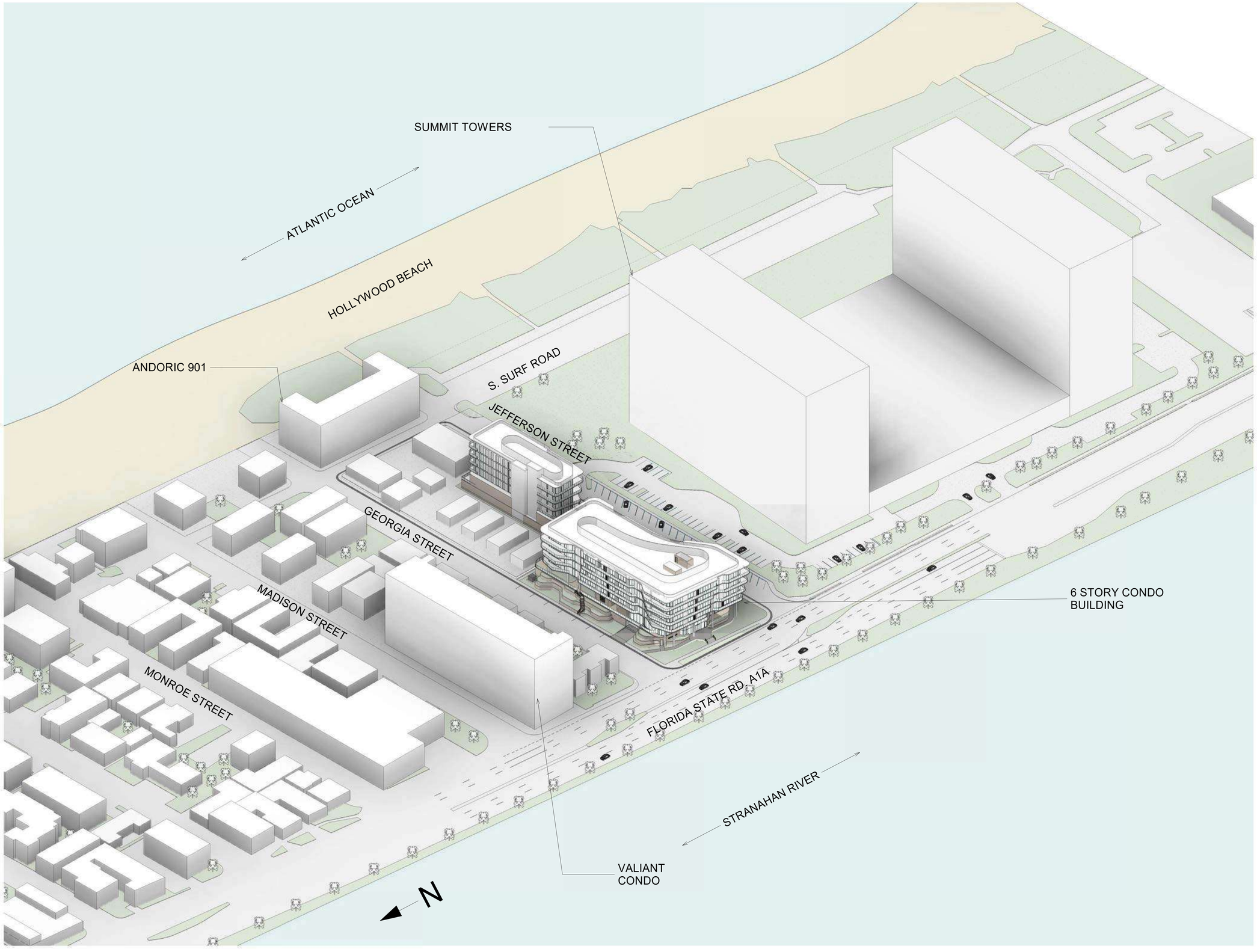
* Section 4.6 (C.2.a.2) Maximum density for Residential projects in 25 units/acre Maximum density for Hotel projects in 50 rooms/acre

** Section 4.6 (C.2.a.3) Maximum building height for projects south of Harrison Street is 65'-0"

*** Active Liners shall occur at all levels of parking. Active uses occur on the ground floor with exception of lots smaller than 120' wide and 80' deep

**** Section 4.6 (C.2.a.5) Residential parking must be a minimum of 1 space per unit and maximum 1.5 space per unit
[11:44 AM] Maria Gonzalez

***** Per Fair Housing Act Design Manual Chapter 2, pa. 2.20, 2% of the parking spaces provided in a residential site shall be accessible. Accessible parking spaces must be at least 96 inches wide and have an adjacent access aisle that is 60 inches wide.



TAC SUBMITTAL SET
05/20/24

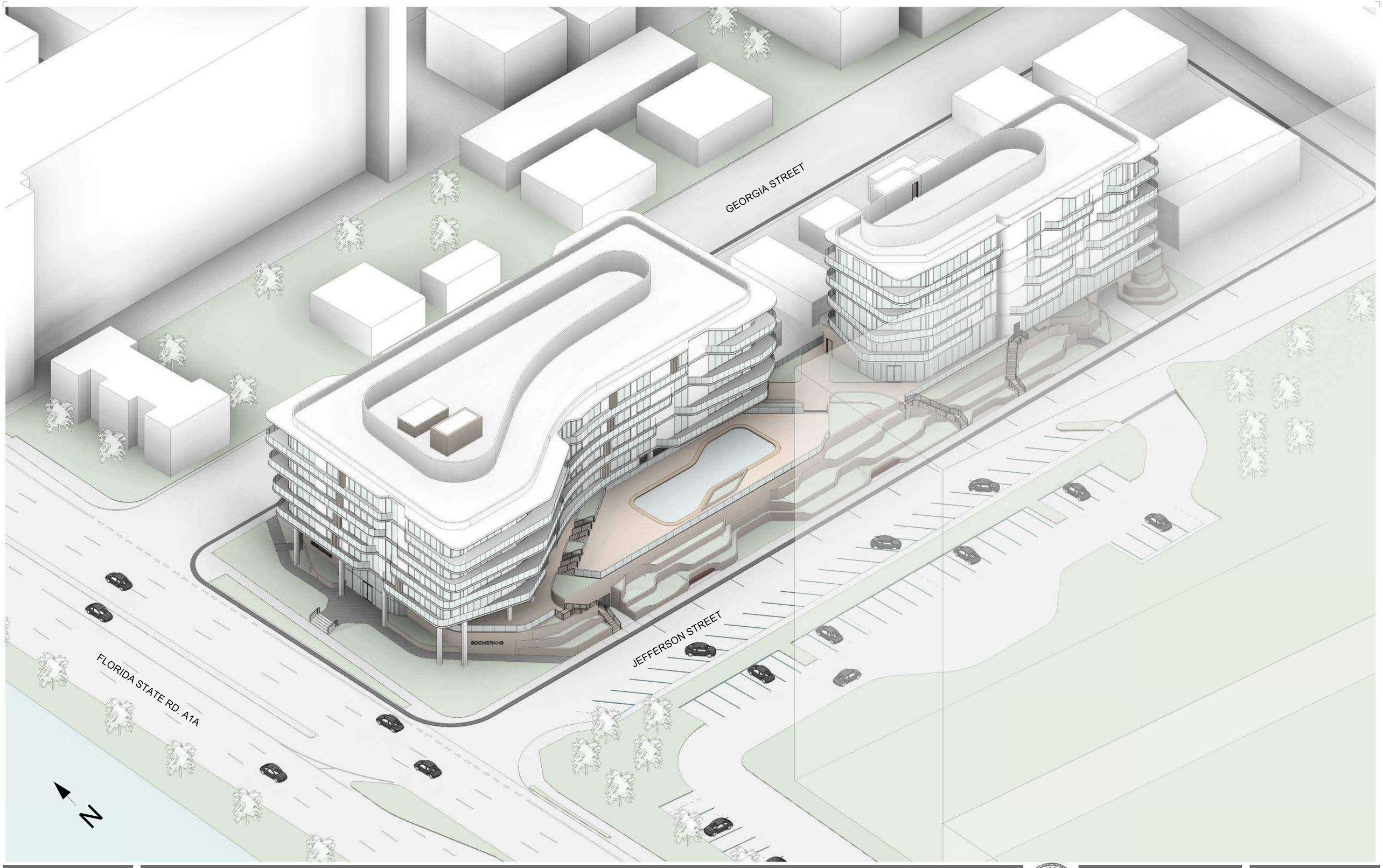
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

3D MASSING & PROJECT DATA

STATE OF FLORIDA — REGISTERED ARCHITECT — #AR7073

A-0.3

adache group architects
LIC. # AR0007073



TAC SUBMITTAL
SET
05/20/24

BOOMERANG RESIDENCES

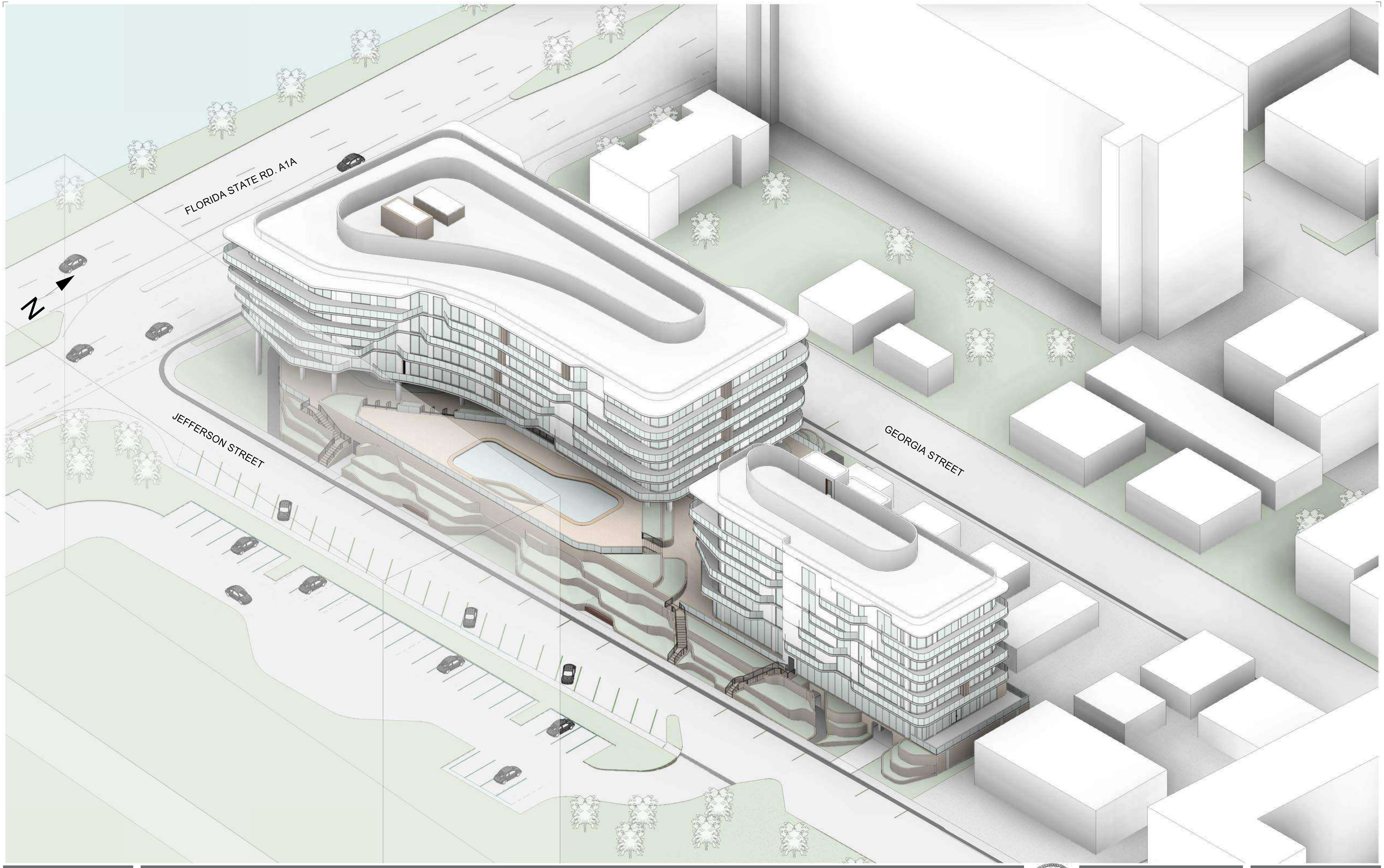
901 S. OCEAN DRIVE, HOLLYWOOD, FL

3D MASSING

STATE OF FLORIDA DANIEL E. ADACHE #AR7073 REGISTERED ARCHITECT

A-0.4

adache
group architects
LIC. # AR0007073



TAC SUBMITTAL SET
05/20/24

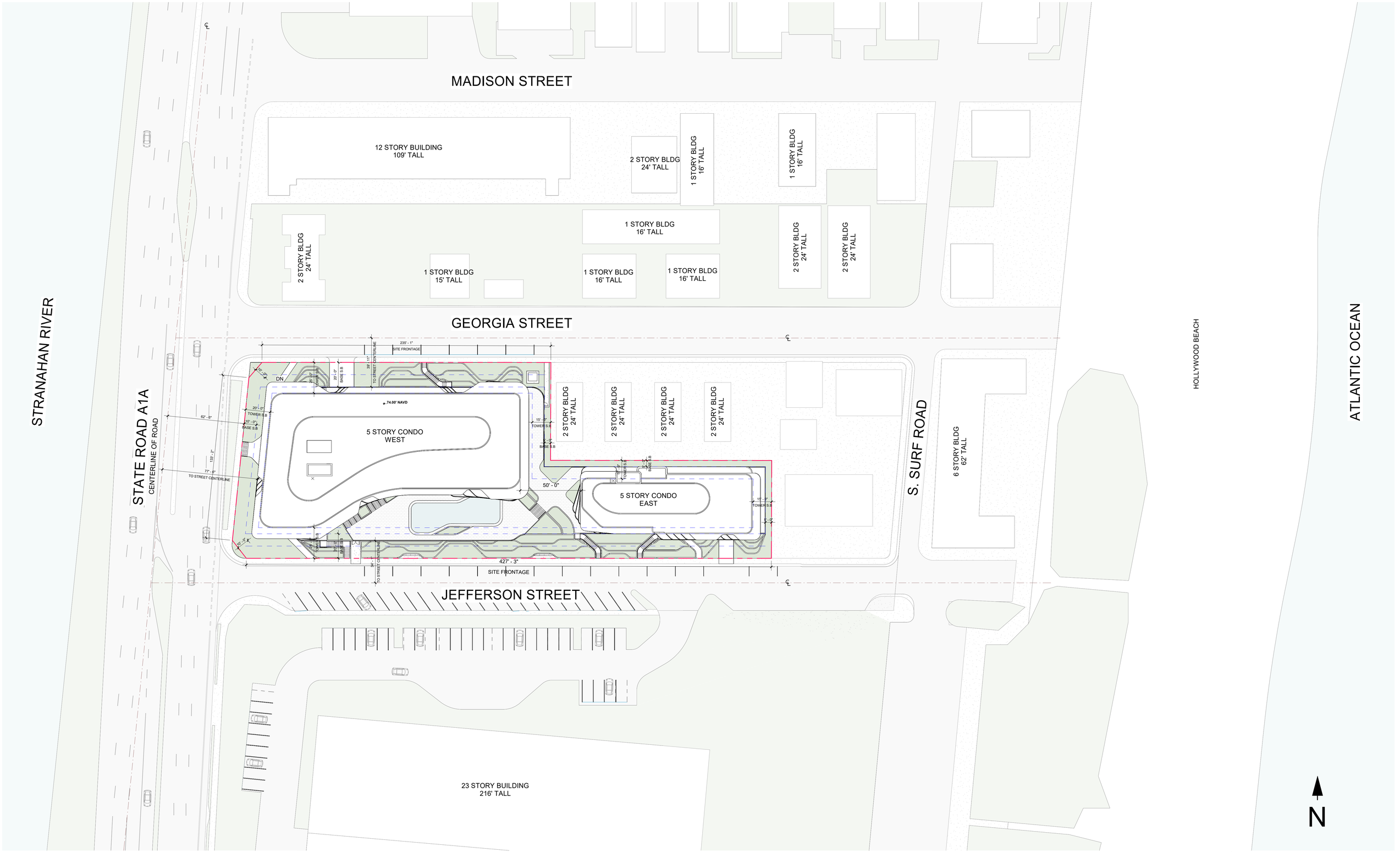
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

3D MASSING

STATE OF FLORIDA
DANIEL E. ADACHE
#AR7073
REGISTERED ARCHITECT

A-0.5

adache
group architects
LIC. # AR0007073



1 SITE PLAN
1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0"
SCALE: 1/32" = 1'-0"

TAC SUBMITTAL SET
05/20/24

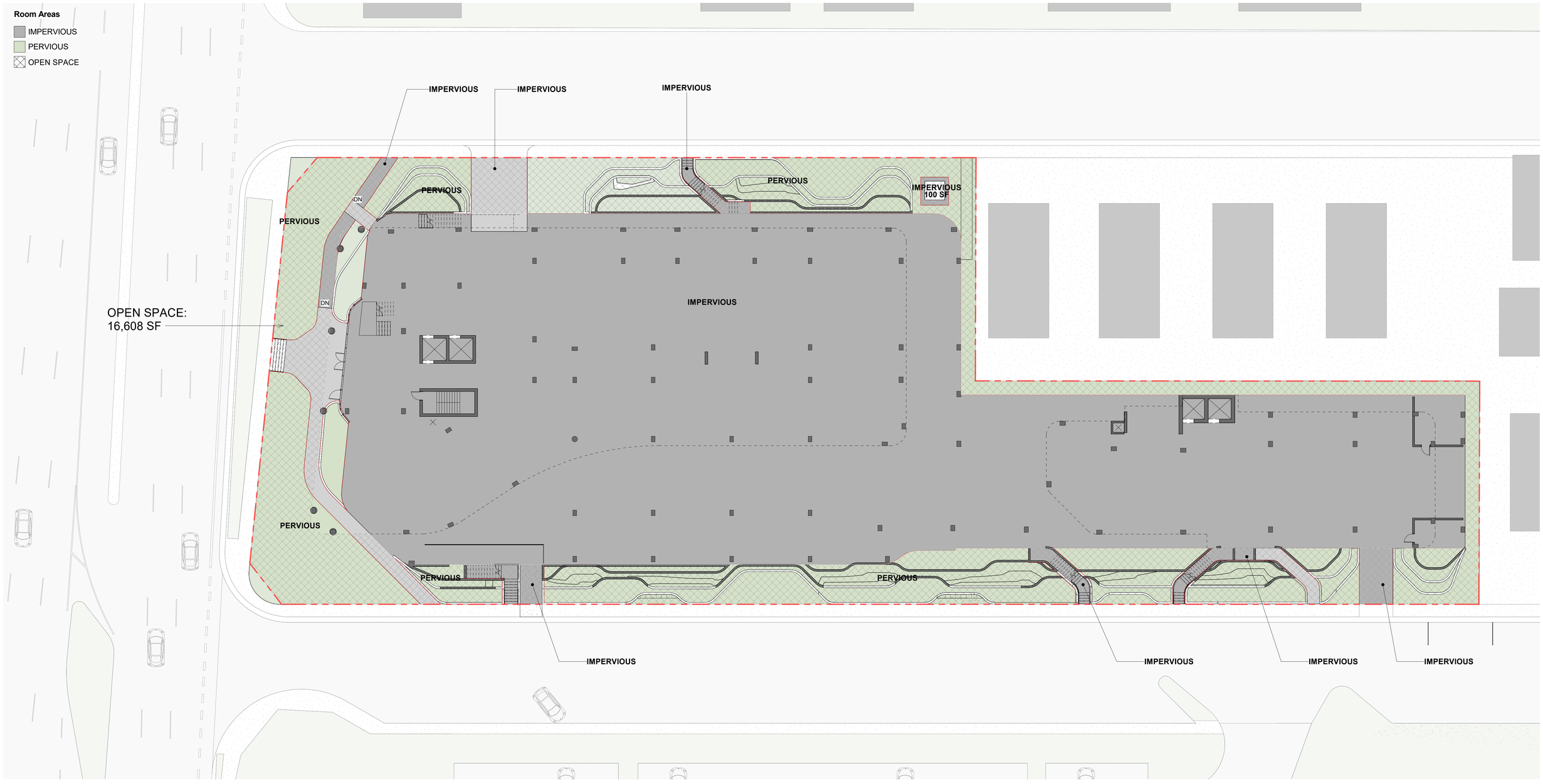
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

SITE PLAN

STATE OF FLORIDA
DANIEL E. ADACHE
#AR7073
REGISTERED ARCHITECT

A-0.6

adache group architects
LIC. # AR0007073



1 PERVIOUS / IMPERVIOUS
1/16" = 1'-0"

PERVIOUS / IMPERVIOUS AREA	
NAME	AREA
Grade Level	
IMPERVIOUS	41,618 SF
PERVIOUS	12,807 SF
TOTAL	54,425 SF

0 8'-0" 16'-0" 32'-0"
SCALE: 1/16" = 1'-0"

TAC SUBMITTAL SET
05/20/24

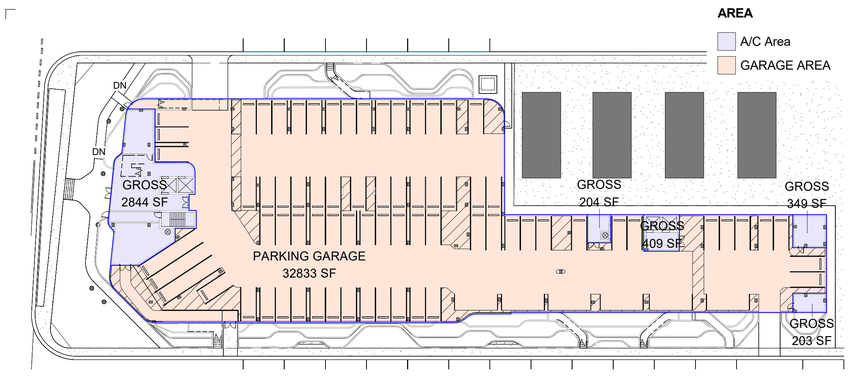
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

PERVIOUS / IMPERVIOUS

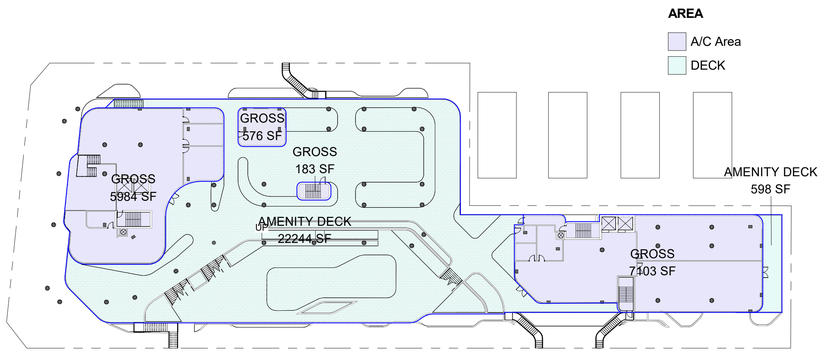
STATE OF FLORIDA DANIEL E. ADACHE #AR7073 REGISTERED ARCHITECT

A-0.7

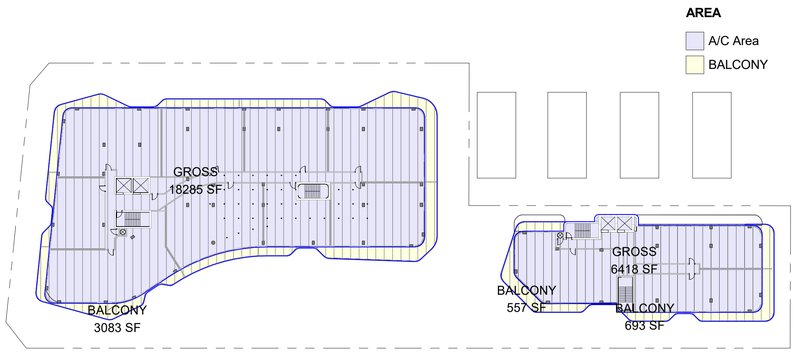
adache group architects
LIC. # AR0007073



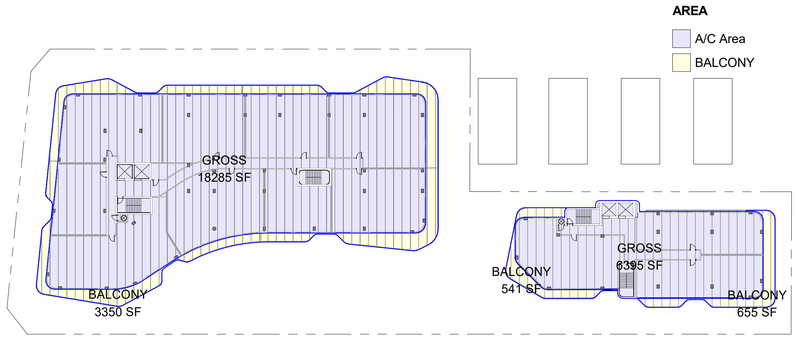
1 Grade Level (2.00 NAVD)
1" = 40'-0"



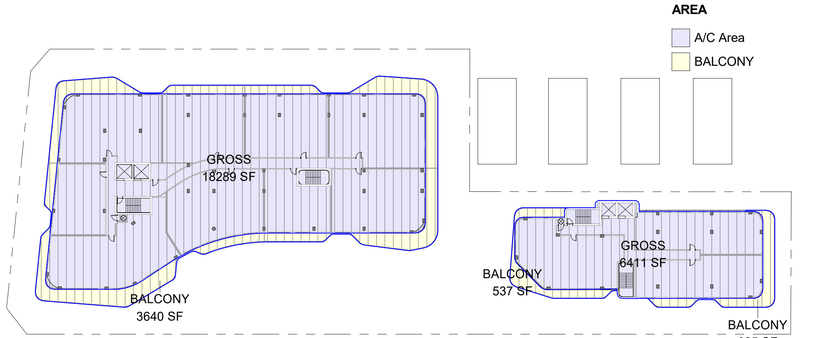
2 Level 1
1" = 40'-0"



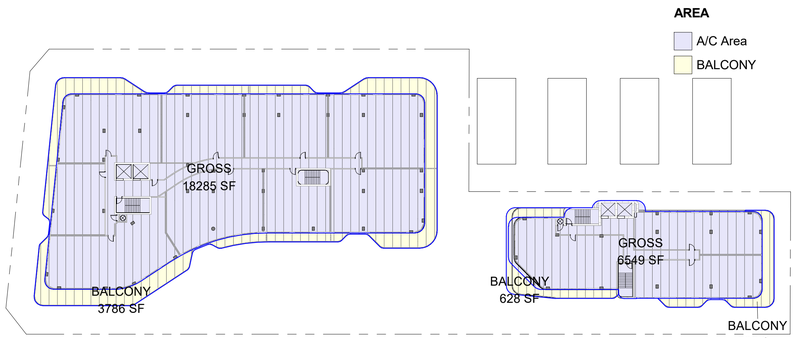
3 Level 2
1" = 40'-0"



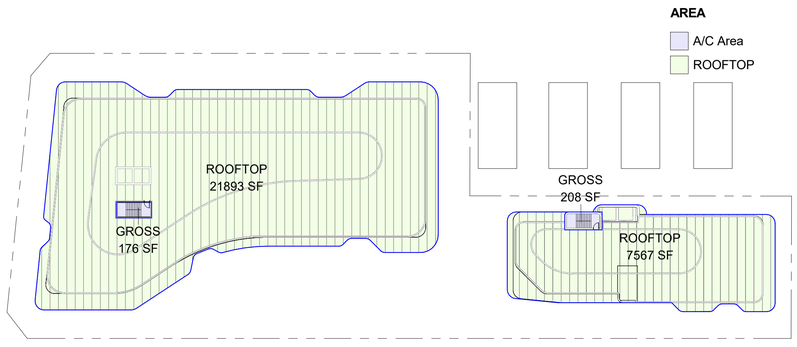
4 Level 3
1" = 40'-0"



5 Level 4
1" = 40'-0"



6 Level 5
1" = 40'-0"



7 Roof Level
1" = 40'-0"

	TOTAL AREA (UNDER A/C):	117,157.15 SF
	BALCONIES TOTAL AREA:	18,689.33 SF
	AMENITY DECK TOTAL AREA:	22,841.77 SF
	PARKING GARAGE TOTAL AREA:	32,832.86 SF
	ROOFTOP TOTAL AREA:	29,460.79 SF

0 20' 40' 80'
SCALE: 1" = 40'-0"

TAC SUBMITTAL SET
05/20/24

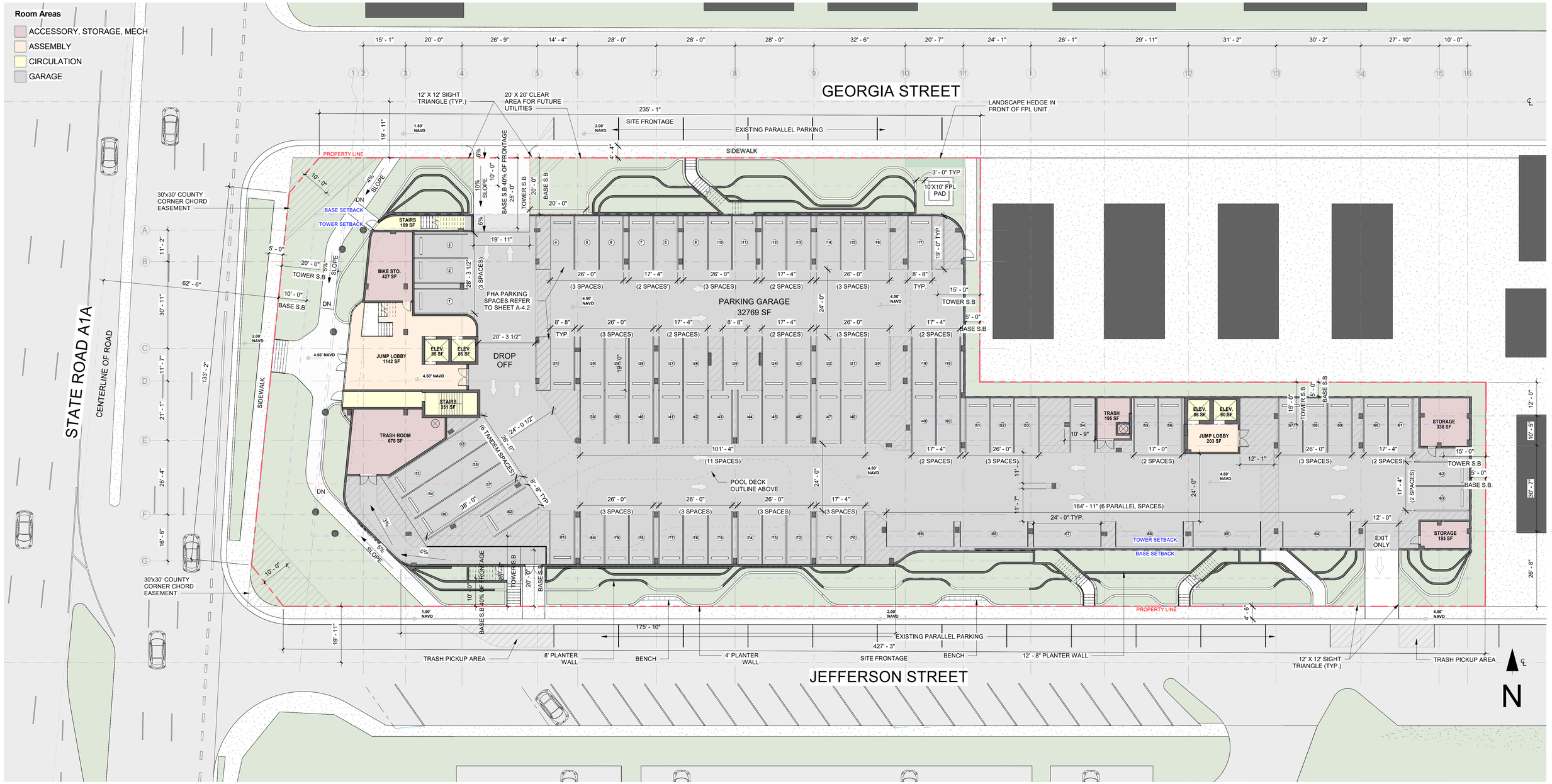
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

AREA

STATE OF FLORIDA · DANIEL E. ADACHE · #AR7073 · REGISTERED ARCHITECT

A-0.8

adache group architects
LIC. # AR0007073



2 Grade Level (2.00 NAVD)
1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"
SCALE: 1/16" = 1'-0"

UNIT RATIO MIX	
NAME	Count
UNIT	
1 BEDROOM	8
2 BEDROOM	12
2 BEDROOM + DEN	12
3 BEDROOM	8
3 BEDROOM + DEN	8
	48
TOTAL	48

PARKING MATRIX	
PARKING TYPE	Count
Parking Space-8'6 x 19' Standard: PARALLEL 9' x 24'	6
PARKING STALL_ADA: 8'8"x18' FHA	2
PARKING STALL_STANDARD: 8'-6"x18'-0"	2
PARKING STALL_STANDARD: 8'-8"x18'-0"	72
	82

TAC SUBMITTAL SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

GRADE / PARKING LEVEL

STATE OF FLORIDA — DANIEL E. ADACHE — #AR7073 — REGISTERED ARCHITECT

A-1.1

adache group architects
LIC. # AR0007073

Room Areas

- ACCESSORY, STORAGE, MECH
- ASSEMBLY
- CIRCULATION
- POOL
- POOL DECK
- RESTROOM

GEORGIA STREET

JEFFERSON STREET

STATE ROAD A1A

CENTERLINE OF ROAD

SIDEWALK

STEPPED UP LANDSCAPE TERRACES (TYP.)

OUTLINE OF BUILDING ABOVE

235' - 1"

SITE FRONTAGE

EXISTING PARALLEL PARKING

427' - 3"

PROPERTY LINE

BASE SETBACK

TOWER SETBACK

10' - 0"

40% OF FRONTAGE

25' - 0"

20' - 0"

BASE S.B

TOWER S.B

STAIRS 160 SF

MDF 197 SF

MAIN ELEC. 284 SF

RESIDENT LOBBY 2480 SF

DOM WATER / FIRE PUMP 454 SF

GENERATOR

ATS ROOM 577 SF

OUTDOOR RECREATION 2791 SF

AMENITY DECK 13165 SF

PATIO 662 SF

ELEV. 85 SF

OPEN TO BELOW

UNISEX 160 SF

STAIRS 176 SF

MAIL & PACKAGE 1265 SF

14.50' NAVD

19.50' NAVD

UP 8% UP

POOL 1548 SF

POOL DECK 3800 SF

42" HIGH GLASS RAILING

CIRCULATION 154 SF

UNISEX 128 SF

UNISEX 123 SF

POOL EQUIPMENT 266 SF

F.C. 47 SF

STAIRS 161 SF

ELEV. 86 SF

ELEV. 90 SF

RESIDENT STORAGE 1833 SF

RESIDENT LOUNGE 1969 SF

STAIRS 204 SF

FITNESS CENTER 2050 SF

AMENITY DECK 598 SF

N

2 Level 1
1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"
SCALE: 1/16" = 1'-0"

TAC SUBMITTAL SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

LEVEL 1 (BASE)

STATE OF FLORIDA DANIEL E. ADACHE #AR7073 REGISTERED ARCHITECT

A-1.2

adache group architects
LIC. # AR0007073

Room Areas

- ACCESSORY, STORAGE, MECH
- CIRCULATION
- RESIDENTIAL

GEORGIA STREET

JEFFERSON STREET

STATE ROAD A1A

CENTERLINE OF ROAD

SIDEWALK

PROPERTY LINE

BASE SETBACK

TOWER SETBACK

SITE FRONTAGE

EXISTING PARALLEL PARKING

235' - 1"

427' - 3"

212' - 6"

50' - 0"

138' - 9"

15' - 11"

62' - 6"

133' - 2"

⌀ 50' - 0" BUILDING SEPARATION

BALCONY

SIDEWALK

3 BEDROOM + DEN 2180 SF

2 BEDROOM 1733 SF

2 BEDROOM + DEN 1693 SF

3 BEDROOM 2149 SF

1 BEDROOM 1177 SF

2 BEDROOM + DEN 2079 SF

1 BEDROOM 1176 SF

2 BEDROOM + DEN 1901 SF

3 BEDROOM + DEN 2344 SF

CORRIDOR 1166 SF

ELEV. 88 SF

ELEV. 88 SF

ELEC. 146 SF

STAIRS 179 SF

STAIRS 171 SF

3 BEDROOM 1900 SF

2 BEDROOM 1639 SF

2 BEDROOM 1636 SF

CORRIDOR 628 SF

ELEV. 85 SF

ELEV. 93 SF

STAIRS 202 SF

STAIRS 204 SF

N

2 Level 2
1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"
SCALE: 1/16" = 1'-0"

TAC SUBMITTAL SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

LEVEL 2 (TOWER)

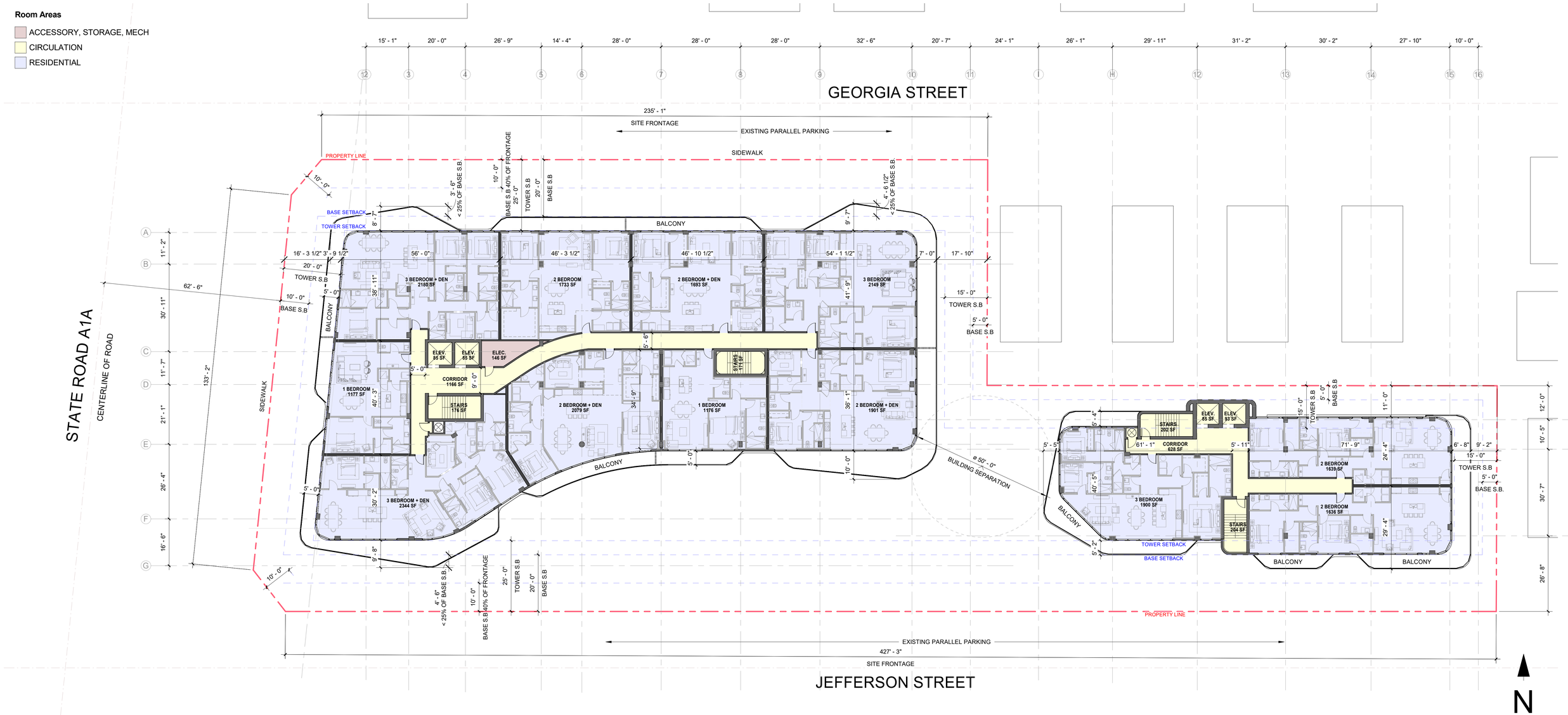
STATE OF FLORIDA DANIEL T. ADACHE #AR7073 REGISTERED ARCHITECT

A-1.3

adache group architects
LIC. # AR0007073

Room Areas

- ACCESSORY, STORAGE, MECH
- CIRCULATION
- RESIDENTIAL



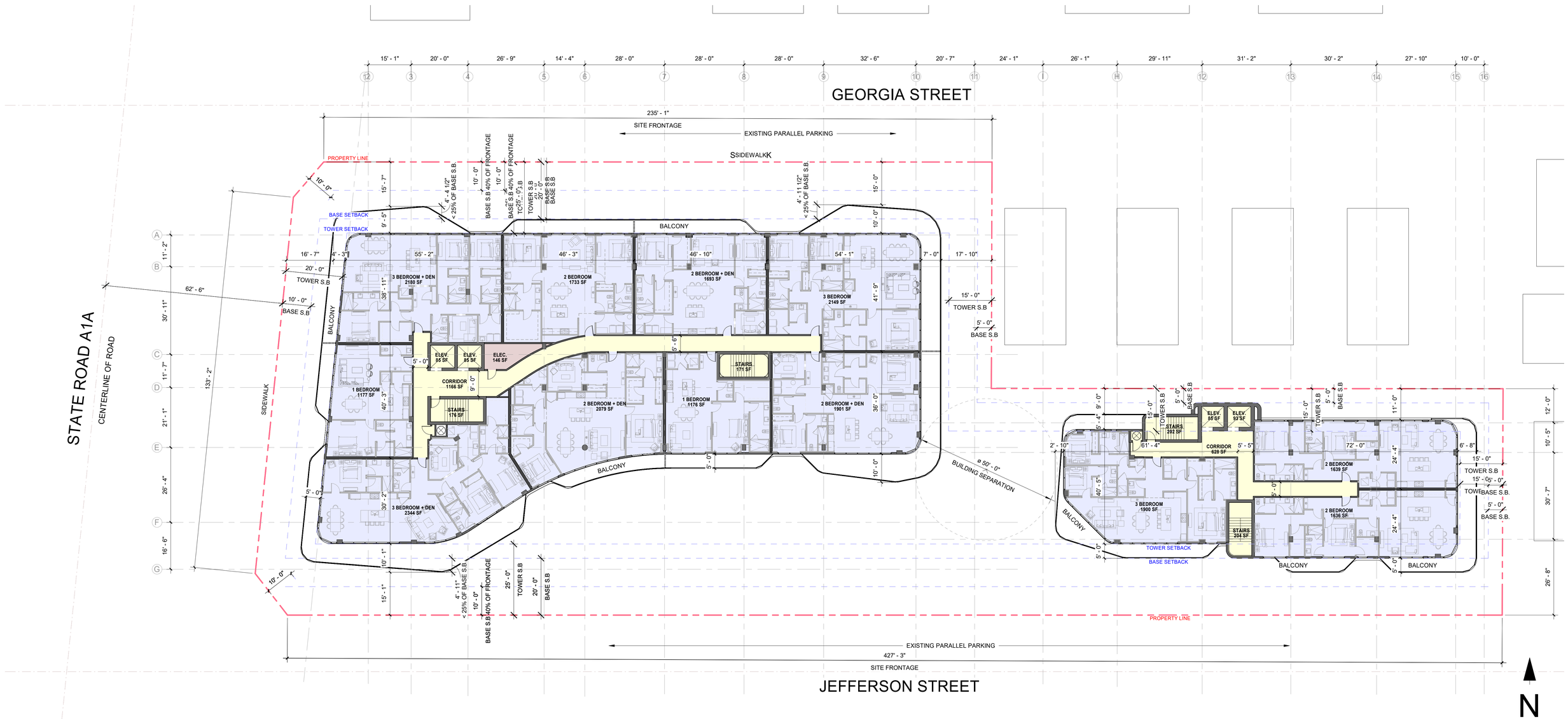
2 Level 3
1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"
SCALE: 1/16" = 1'-0"

TAC SUBMITTAL SET 05/20/24	**BOOMERANG RESIDENCES** 901 S. OCEAN DRIVE, HOLLYWOOD, FL	LEVEL 3 (TOWER)	**A-1.4**

STATE OF FLORIDA · DANIEL E. ADACHE · #AR7073 · REGISTERED ARCHITECT

adache group architects
LIC. # AR0007073



1 Level 4
1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"
SCALE: 1/16" = 1'-0"

TAC SUBMITTAL SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

LEVEL 4 (TOWER)

STATE OF FLORIDA · DANIELE ADACHE · #AR7073 · REGISTERED ARCHITECT

A-1.5

adache group architects
LIC. # AR0007073

GEORGIA STREET

STATE ROAD A1A

CENTERLINE OF ROAD

JEFFERSON STREET

SITE FRONTAGE 235' - 1"

43' - 4" (20%) | 124' - 4" (58%) EXISTING PARALLEL PARKING | 45' - 11" (22%) | 18' - 0" | 17' - 10"

PROPERTY LINE

SIDEWALK

BASE SETBACK

TOWER SETBACK

BALCONY

3 BEDROOM + DEN 2180 SF

2 BEDROOM 1733 SF

2 BEDROOM + DEN 1693 SF

3 BEDROOM 2149 SF

1 BEDROOM 1177 SF

2 BEDROOM + DEN 2079 SF

1 BEDROOM 1176 SF

2 BEDROOM + DEN 1901 SF

3 BEDROOM + DEN 2344 SF

CORRIDOR 1166 SF

STAIRS 176 SF

ELEV. 85 SF

ELEV. 85 SF

ELEC. 146 SF

STAIRS 171 SF

ø 50' - 0" BUILDING SEPARATION

180' - 0"

111' - 0" (61%) | 53' - 1"

CORRIDOR 628 SF

STAIRS 202 SF

ELEV. 85 SF

ELEV. 93 SF

3 BEDROOM 1900 SF

2 BEDROOM 1639 SF

2 BEDROOM 1636 SF

STAIRS 204 SF

TOWER S.B

BASE S.B

BASE S.B.

EXISTING PARALLEL PARKING

427' - 3"

SITE FRONTAGE

N

1 Level 5
1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"
SCALE: 1/16" = 1'-0"

TAC SUBMITTAL SET
05/20/24

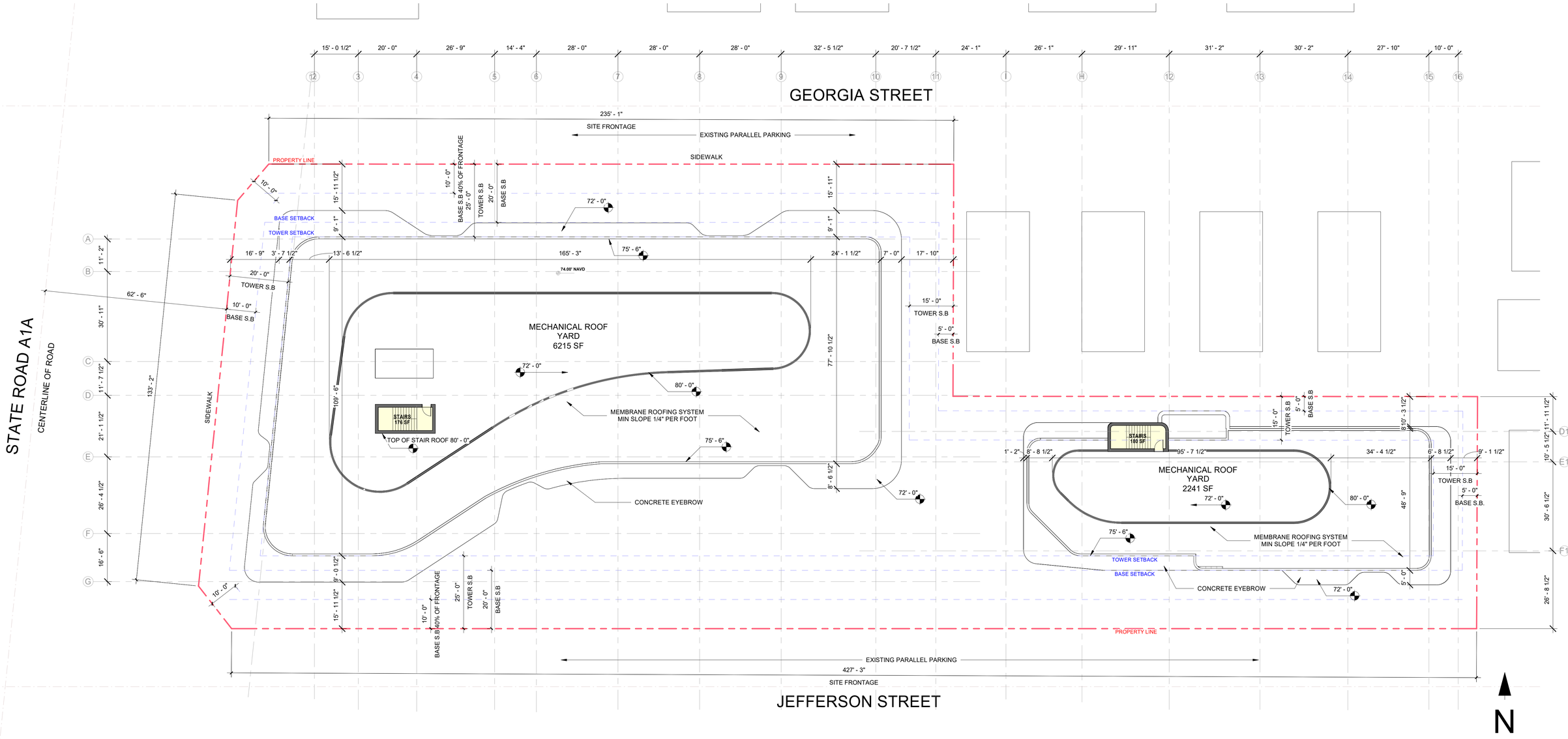
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

LEVEL 5 (TOWER)

STATE OF FLORIDA — DANIEL T. ADACHE — #AR7073 — REGISTERED ARCHITECT

A-1.6

adache group architects
LIC. # AR0007073



1 Roof Level
1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"
SCALE: 1/16" = 1'-0"

TAC SUBMITTAL SET
05/20/24

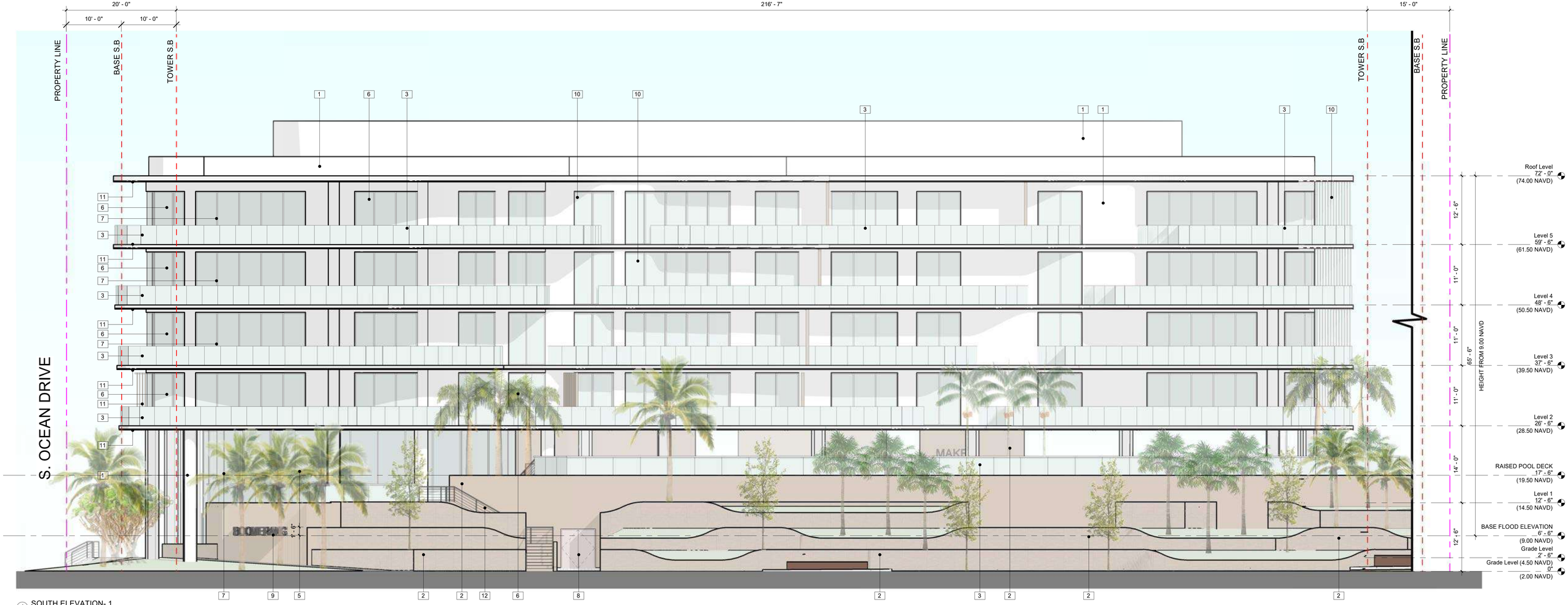
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

LEVEL ROOF

STATE OF FLORIDA DANIELE ADAMS #AR7073 REGISTERED ARCHITECT

A-1.7

adache group architects
LIC. # AR0007073



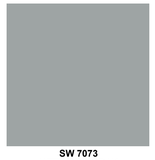
1 SOUTH ELEVATION- 1
1/8" = 1'-0"

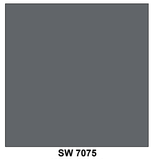
GENERAL NOTE:
ALL SIGNAGE SHALL BE IN COMPLIANCE WITH THE ZONING AND LAND DEVELOPMENT REGULATIONS, AND APPROVED UNDER SEPARATE PERMIT

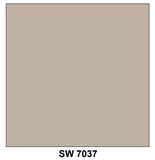
EXTERIOR ELEVATIONS - KEY NOTES

NUMBER	DESCRIPTION
1	WHITE STUCCO FINISH (EXTRA WHITE SW 7006 BY SHERWIN WILLIAMS)
2	BEIGE PAINTED STUCCO (BALANCED BEIGE SW 7037 BY SHERWIN WILLIAMS)
3	CLEAR GLASS RAILING
5	CLEAR STOREFRONT GLAZING
6	GREY TINTED STOREFRONT GLAZING
7	DARK GREY POWDER COATED ALUMINUM MULLION
8	HOLLOW METAL DOOR PAINTED TO MATCH SURROUNDING WALLS
9	PROPOSED SIGNAGE BY OTHERS
10	VERTICAL WOOD-LOOK ALUMINUM FINS
11	WOOD-LOOK COLOR CEILING
12	DARK GRAY POWDER COATED METAL CABLE RAILING

SW 7006
EXTRA WHITE
STUCCO WALL


SW 7073
NETWORK GRAY
STUCCO WALL


SW 7075
WEB GRAY
STUCCO WALL


SW 7037
BALANCED BEIGE
STUCCO WALL

WOOD LOOK
COLOR CEILING

GREY TINT WINDOW

GLASS RAILING

NOTES:
CONTRACTOR TO PROVIDE ALL COLOR AND ALL FINISH SAMPLES FOR APPROVAL; PAINT MOCK-UPS TO BE DONE FOR APPROVAL

TAC SUBMITTAL SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

SOUTH ELEVATION-1

STATE OF FLORIDA DANIEL E. ADACHE #AR7073 REGISTERED ARCHITECT

A-2.1

adache group architects
LIC. # AR0007073

1 SOUTH ELEVATION- 2
1/8" = 1'-0"

GENERAL NOTE:
ALL SIGNAGE SHALL BE IN COMPLIANCE WITH THE ZONING AND LAND DEVELOPMENT REGULATIONS, AND APPROVED UNDER SEPARATE PERMIT

EXTERIOR ELEVATIONS - KEY NOTES

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8	HOLLOW METAL DOOR PAINTED TO MATCH SURROUNDING WALLS
9	PROPOSED SIGNAGE BY OTHERS
10	VERTICAL WOOD-LOOK ALUMINUM FINS
11	WOOD-LOOK COLOR CEILING
12	DARK GRAY POWDER COATED METAL CABLE RAILING

SW 7006
EXTRA WHITE
STUCCO WALL

SW 7073
NETWORK GRAY
STUCCO WALL

SW 7075
WEB GRAY
STUCCO WALL

SW 7037
BALANCED BEIGE
STUCCO WALL

WOOD LOOK
COLOR CEILING

GREY TINT WINDOW

GLASS RAILING

NOTES:
CONTRACTOR TO PROVIDE ALL COLOR AND ALL FINISH SAMPLES FOR APPROVAL; PAINT MOCK-UPS TO BE DONE FOR APPROVAL

TAC SUBMITTAL
SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

SOUTH ELEVATION-2

STATE OF FLORIDA
DANIEL E. ADACHE
#AR7073
REGISTERED ARCHITECT

A-2.2

adache
group architects
LIC. # AR0007073

1 Elevation 4 - a
1/8" = 1'-0"

GENERAL NOTE:
ALL SIGNAGE SHALL BE IN COMPLIANCE WITH THE ZONING AND LAND DEVELOPMENT REGULATIONS, AND APPROVED UNDER SEPARATE PERMIT

EXTERIOR ELEVATIONS - KEY NOTES

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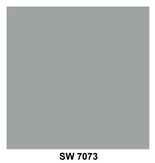
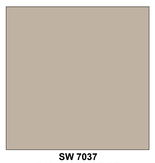
10	VERTICAL WOOD-LOOK ALUMINUM FINS
11	WOOD-LOOK COLOR CEILING
12	DARK GRAY POWDER COATED METAL CABLE RAILING

SW 7006 EXTRA WHITE STUCCO WALL


SW 7073 NETWORK GRAY STUCCO WALL

SW 7075 WEB GRAY STUCCO WALL


SW 7037 BALANCED BEIGE STUCCO WALL

WOOD LOOK COLOR CEILING

GREY TINT WINDOW

GLASS RAILING

NOTES:
CONTRACTOR TO PROVIDE ALL COLOR AND ALL FINISH SAMPLES FOR APPROVAL; PAINT MOCK-UPS TO BE DONE FOR APPROVAL

1 NORTH ELEVATION-1
1/8" = 1'-0"

GENERAL NOTE:
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EXTERIOR ELEVATIONS - KEY NOTES

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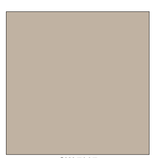
SW 7006
EXTRA WHITE
STUCCO WALL

SW 7073
NETWORK GRAY
STUCCO WALL

SW 7075
WEB GRAY
STUCCO WALL


SW 7037
BALANCED BEIGE
STUCCO WALL

WOOD LOOK
COLOR CEILING

GREY TINT WINDOW

GLASS RAILING

NOTES:
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TAC SUBMITTAL
SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

NORTH ELEVATION-1

STATE OF FLORIDA DANIELE ADACHE #AR7073 REGISTERED ARCHITECT

A-2.4

adache
group architects
LIC. # AR0007073

1 NORTH ELEVATION-2
1/8" = 1'-0"

GENERAL NOTE:
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EXTERIOR ELEVATIONS - KEY NOTES

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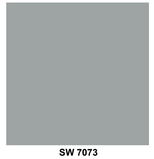
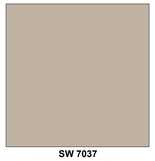
SW 7006
EXTRA WHITE
STUCCO WALL


SW 7073
NETWORK GRAY
STUCCO WALL

SW 7075
WEB GRAY
STUCCO WALL


SW 7037
BALANCED BEIGE
STUCCO WALL

WOOD LOOK
COLOR CEILING

GREY TINT WINDOW

GLASS RAILING

NOTES:
CONTRACTOR TO PROVIDE ALL COLOR AND ALL FINISH SAMPLES FOR APPROVAL; PAINT MOCK-UPS TO BE DONE FOR APPROVAL

TAC SUBMITTAL SET
05/20/24

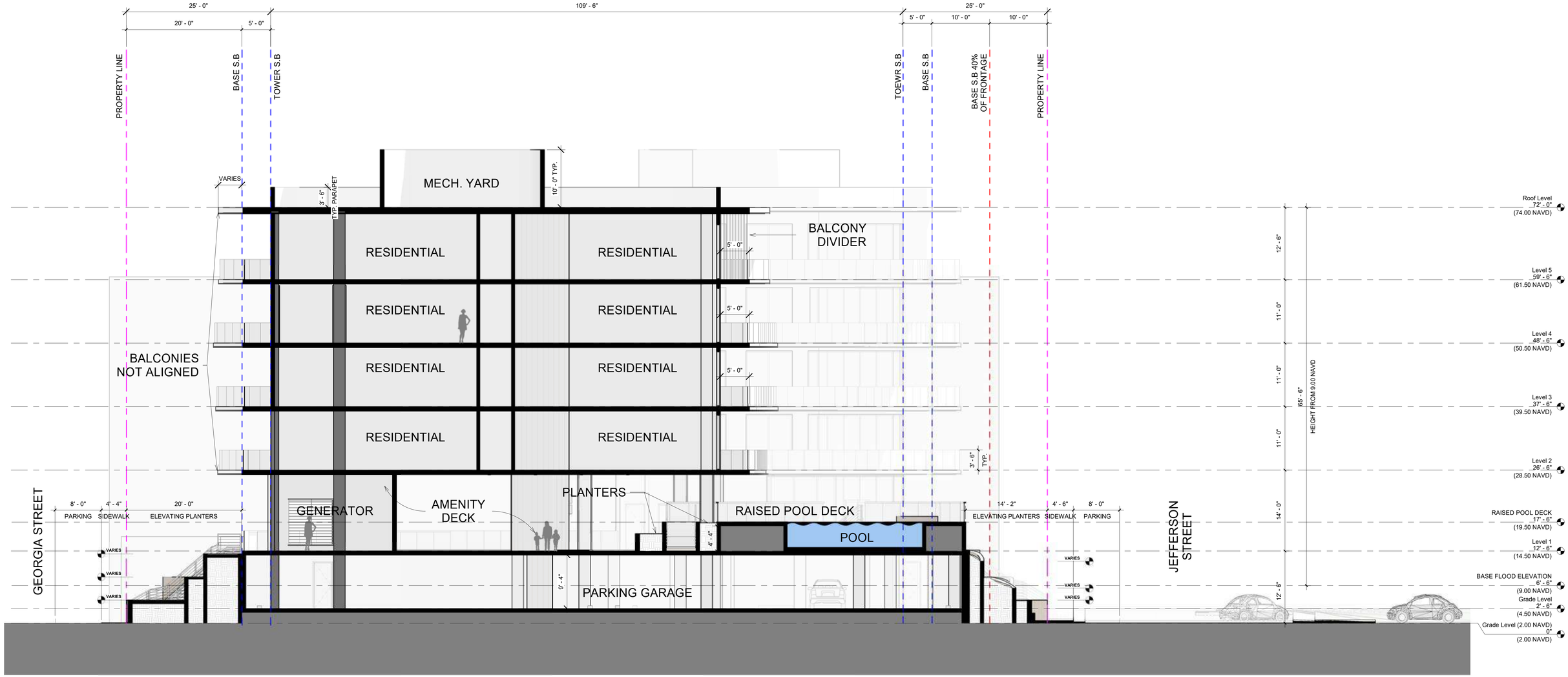
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

NORTH ELEVATION-2

STATE OF FLORIDA
DANIEL E. ADACHE
#AR7073
REGISTERED ARCHITECT

A-2.5

adache
group architects
LIC. # AR0007073



1 N-S SECTION THROUGH WEST TOWER
1/8" = 1'-0"

TAC SUBMITTAL SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

SECTION

STATE OF FLORIDA DANIEL E. ADACHE #AR7073 REGISTERED ARCHITECT

A-3.1

adache group architects
LIC. # AR0007073

S. OCEAN DRIVE

2 E-W SECTION THROUGH WEST TOWER
1/8" = 1'-0"

TAC SUBMITTAL SET
05/20/24

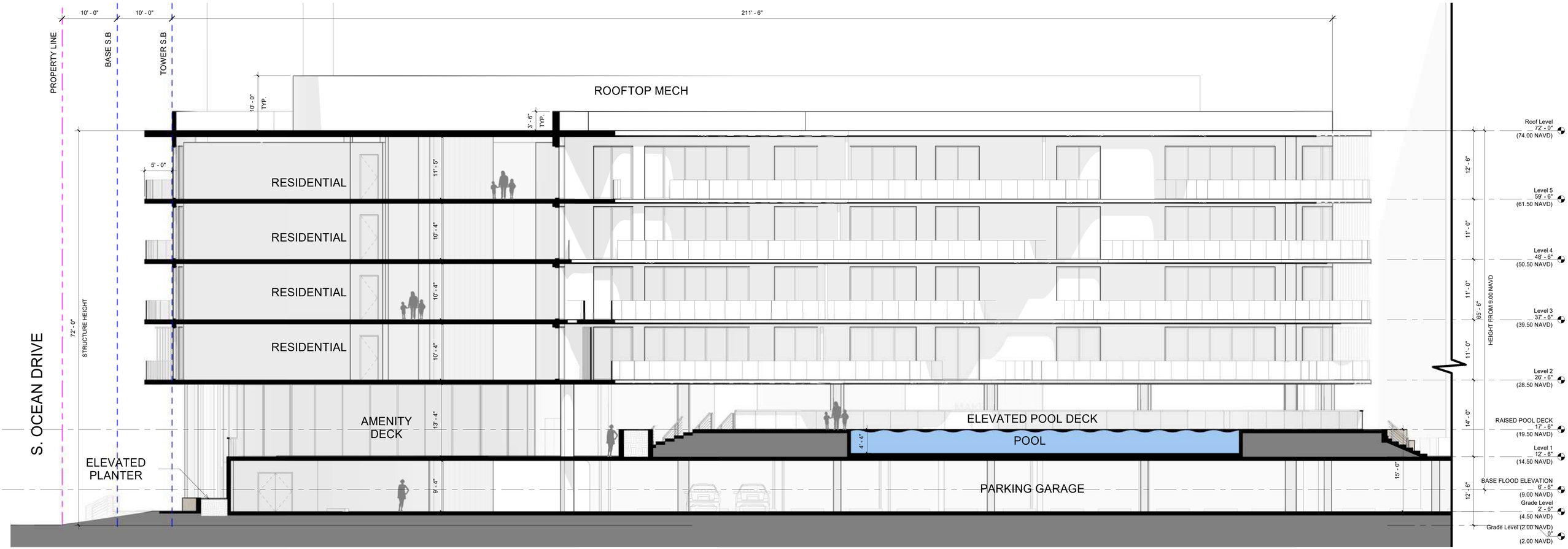
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

SECTION

STATE OF FLORIDA DANIEL T. ADACHE #AR7073 REGISTERED ARCHITECT

A-3.2

adache group architects
LIC. # AR0007073



3 E-W1 SECTION THROUGH WEST TOWER
1/8" = 1'-0"

TAC SUBMITTAL SET
05/20/24

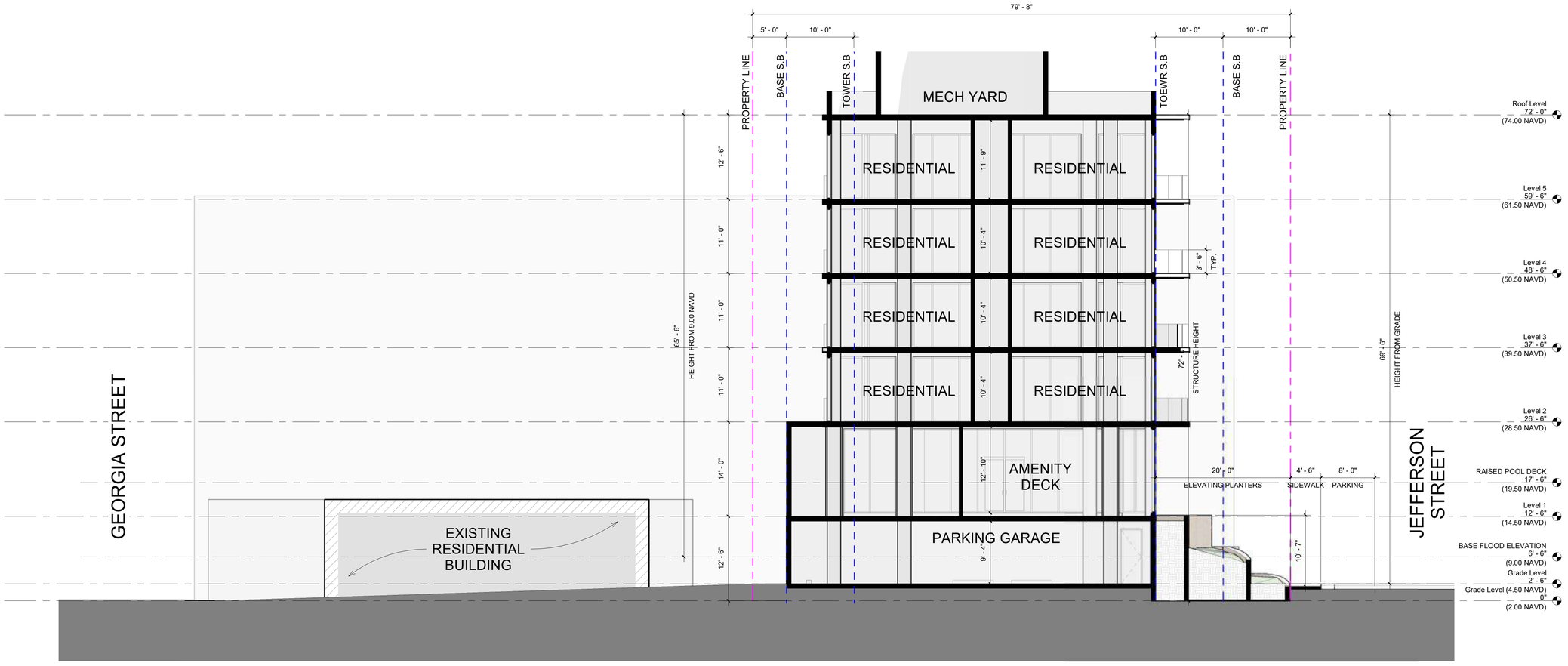
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

SECTION

STATE OF FLORIDA · DANIEL E. ADACHE · #AR7073 · REGISTERED ARCHITECT

A-3.3

adache group architects
LIC. # AR0007073



4 N-S SECTION THROUGH EAST TOWER
1/8" = 1'-0"

TAC SUBMITTAL SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

SECTION

STATE OF FLORIDA — REGISTERED ARCHITECT — #AR7073

A-3.4

adache group architects
LIC. # AR0007073

5 W-E SECTION THROUGH EAST TOWER
1/8" = 1'-0"

TAC SUBMITTAL SET
05/20/24

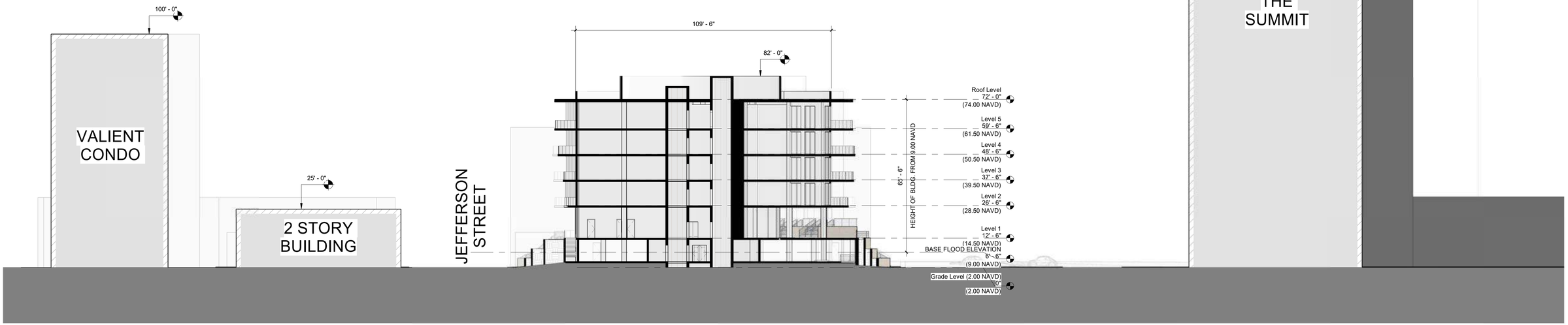
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

SECTION

STATE OF FLORIDA DANIEL T. ADACHE #AR7073 REGISTERED ARCHITECT

A-3.5

adache group architects
LIC. # AR0007073



6 N-S OVERALL SITE SECTION
1" = 20'-0"

TAC SUBMITTAL SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

CONTEXT SECTION

STATE OF FLORIDA — DANIEL E. ADACHE — #AR7073 — REGISTERED ARCHITECT

A-3.6

adache group architects
LIC. # AR0007073

GENERAL PROJECT NOTES:

SIGNAGE NOTE:
ALL SIGNAGE TO COMPLY WITH THE REQUIREMENTS OF THE CITY OF HOLLYWOOD ZONING AND LAND DEVELOPMENT CODE BASED ON THE RMCRA-76 ZONING DISTRICT.

SPRINKLER NOTE:
BUILDING TO BE FULLY SPRINKLED WITH A SUPERVISED FIRE SPRINKLER SYSTEM.

SITE LIGHTING NOTE:
SITE LIGHTING LEVELS SHALL NOT EXCEED 0.5 FC AT THE PROPERTY LINE ADJACENT TO RESIDENTIALLY ZONED OR RESIDENTIALLY USED AREAS.

FIRE ALARM NOTE:
A FIRE ALARM SYSTEM IS REQUIRED AS PER F.F.P.C. 5TH EDITION - NFPA 101 SECTION 30..3.4

MECHANICAL EQUIPMENT NOTE:
ALL MECHANICAL EQUIPTMENT SHALL BE SCREENED FROM PUBLIC VIEW.

ELECTRIC VEHICLE NOTE:
CITY OF HOLLYWOOD ORDINANACE O-2016-02

§ 151.154 INSTALLATION OF ELECTRIC VEHICLE-CHARGING INFRASTRUCTURE REQUIRED.
THE CITY SHALL REQUIRE EACH PERSON OR ENTITY DESIRING TO CONSTRUCT A NEW COMMERCIAL OR RESIDENTIAL STRUCTURE TO CONSTRUCT THE INFRASTRUCTURE NECESSARY FOR FUTURE INSTALLATION OF AN ELECTRIC VEHICLE-CHARGING STATION WITHIN BE INCLUDED IN SUCH PROJECT. MINIMALLY, THE FOLLOWING SHALL BE INSTALLED: AN EMPTY THREE QUARTER INCH RACEWAY FROM THE BRANCH CIRCUIT PANEL BOARD TO A LOCATION IN THE GARAGE OR A DESIGNATED PARKING AREA, WITH A TWO-GANG JUNCTION BOX WITH A BLANK PLATE; OR A FULLY FUNCTIONAL ELECTRIC VEHICLE-CHARGING STATION.
(ORD. O-2011-06, PASSED 2-16-11; AM. ORD. O2016-02, PASSED 1-20-16)

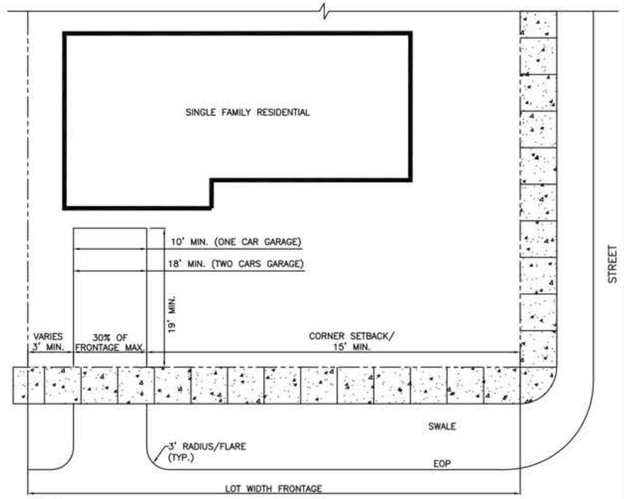
POINTS OF IMPACT NOTE:
ALL VEHICLE BARRIERS & WALLS AT END OF PARKING STALLS SHALL BE DESIGNED TO RESIST A CONCENTRATED LOAD PF 6,000LBS (26.70kN) IN ACCORDANCE WITH SECTION 4.5.3 OF ASCE 7 (PER FBC 5TH ED. 1607.8.3 - VEHICLE BARRIERS

ACCENT COLOR NOTE:
ACCENT COLORS SHALL NOT EXCEED 30% OF EACH WALL AREA.

CITY OF HOLLYWOOD ZONING AND LAND DEVELOPMENT CODE REGULATIONS -

SECTION 3.22
G. REVIEW CRITERIA
2. COLOR INTENSITIES GREATER THAN THOSE REPRESENTED ON THE COLOR CHART MAY BE UTILIZED ONLY FOR PURPOSES OF EMPHASIZING TRIM AND ACCENTING ARCHITECTURAL FEATURES OF A BUILDING OR STRUCTURE AND SHALL NOT EXCEED30% OF EACH WALL AREA.

RESIDENTIAL DRIVEWAY:



NOTES:

1. ALL DRIVEWAY AND CURB CUTS SHALL BE IN ACCORDANCE WITH CITY OF HOLLYWOOD'S CODE OF ORDINANCES SECTION 155.08 AND 155.11.
2. CURB CUTS IN RESIDENTIAL DISTRICTS SHALL NOT EXCEED A MAXIMUM TOTAL WIDTH OF 30% OF THE LOT DIMENSION WHERE THE CURB CUT IS PROPOSED AND MAY NOT EXCEED A WIDTH OF 24 FEET EXCEPT AS SET FORTH BELOW:
   2.1. A MINIMUM OF ONE 18 FOOT CURB CUT OR TWO TEN FOOT CURB CUTS MAY BE PERMITTED ON ALL RESIDENTIAL LOTS OR A MINIMUM OF ONE TEN FOOT AND ONE 18 FOOT CURB CUT FOR A RESIDENTIAL LOT SERVING A TWO CAR GARAGE/CARPORT.
   2.2. RESIDENTIAL DEVELOPMENTS OF FOUR UNITS OR LESS, PROVIDING ENCLOSED GARAGE FACILITIES, SHALL BE PERMITTED A MINIMUM CURB CUT OF NINE FEET SERVING A ONE CAR GARAGE AND 18 FEET SERVING A TWO CAR GARAGE, WITH A MINIMUM SIX FOOT SEPARATION BETWEEN CURB CUTS.
   2.3. CURB CUTS SERVING THREE CAR GARAGE FACILITIES MAY BE A MAXIMUM WIDTH OF 27 FEET SUBJECT TO COMPLIANCE WITH THE 30% TOTAL WIDTH CRITERIA.

GREEN BUILDING PRACTICES:

GREEN BUILDING PRACTICES FROM CITY OF HOLLYWOOD ORDINANCE #O-2015-06

§151.158 LARGE DEVELOPMENTS

NEW CONSTRUCTION OF A STAND-ALONE BUILDING (OTHER THAN SINGLE FAMILY DETACHED DWELLING OR DUPLEX) WITH MORE THAN 20,000 SQUARE FEET OF TOTAL FLOOR AREA SHALL BE CERTIFIED UNDER THE LATEST APPLICABLE VERSION OF THE "LEED" GREEN BUILDING RATING SYSTEM OF THE USGBC OR UNDER ANOTHER RECOGNIZED CERTIFICATION PROGRAM APPROVED BY THE CITY MANAGER OF HIS/HER DISGNEE AND SHALL COMPLY WITH THE FLORIDA BUILDING CODE.

GREEN CERTIFICATION NOTE

PROJECT TO ACHIEVE FGBC CERTIFICATION. DOCUMENTATION WILL BE PROVIDED AT THE TIME OF BUILDING PERMIT.

ELEMENTS TO BE INCLUDED IN NGBS CERTIFICATION ARE AS FOLLOWS, BUT NOT LIMITED TO:

1. ENERGY EFFICIENCY 5% OVER FLORIDA BUILDING CODE
2. ENERGY STAR CERTIFIED COOL ROOF
3. LIGHT POLLUTION CONTROL
4. ELECTRIC CAR CHARGING INFRASTRUCTURE
5. USE OF REGIONAL AND RECYCLED MATERIALS
6. MOISTURE CONTROL MEASURES
7. ENERGY STAR APPLIANCES & LIGHTING
8. ENERGY EFFICIENT HVAC SYSTEM DESIGN AND BUILDING ENVELOPE
9. WATER-EFFICIENT FIXTURES
10. PROGRAMMABLE THERMOSTATS

ADDITIONAL PRACTICES

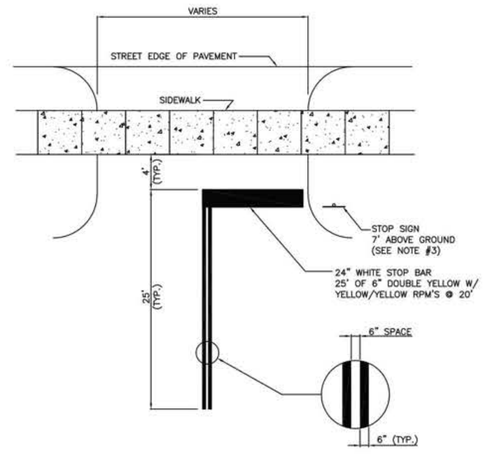
1. 8" REINFORCED CONCRETE ROOF STRUCTURE
2. ICYNENE SOY BASED CLOSED CELL SPRAY INSULATION
3. ELECTRICAL AND MECHANICAL ROOMS OUTSIDE OF AIR CONDITIONED SPACES.
4. DEEP OVERHANGS AT ROOF AND BALCONY LEVELS.
5. RECYCLE WASTE MATERIAL FROM DEMOLITION AND CONSTRUCTION TO THE GREATEST EXTENT POSSIBLE.
6. USE LOW VOC MATERIALS.
7. INSTALL TANK-LESS ON-DEMAND WATER HEATERS.

SITE ACCESIBILITY:

ANY PART OF AN ACCESSIBLE ROUTE WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP AND SHALL COMPLY WITH FOLLOWING:

1. SLOPE AND RISE -THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP. THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION SHALL BE 1:12. THE MAXIMUM RISE FOR ANY RUN SHALL BE 30 IN.
2. CLEAR WIDTH - MINIMUM CLEAR WIDTH OF A RAMP SHALL BE 44" CLEAR. RAMPS THAT ARE PART OF A REQUIRED MEANS OF EGRESS SHALL BE NOT LESS THAN 44 INCHES CLEAR
3. LANDINGS -RAMPS SHALL HAVE LEVEL LANDINGS AT BOTTOM AND TOP OF EACH RAMP AND EACH RAMP RUN. LANDINGS SHALL HAVE THE FOLLOWING FEATURES. THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT. IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60 INCHES BY 60 INCHES IF A DOORWAY IS LOCATED AT A LANDING, THEN THE AREA IN FRONT OF THE DOORWAY SHALL COMPLY FBC ACCESSIBILITY 2017
4. HANDRAILS -IF A RAMP RUN HAS A RISE GREATER THAN 6 IN OR A HORIZONTAL PROJECTION GREATER THAN 72 IN THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS OR ADJACENT TO SEATING IN ASSEMBLY AREAS. HANDRAILS SHALL COMPLY WITH 4.26 OF THE ADA CODE AND SHALL HAVE THE FOLLOWING FEATURES:
   4.1. HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.
   4.2. HANDRAILS ON RAMPS WHICH ARE NOT CONTINUOUS SHALL EXTEND NOT LESS THAN 12" BEYOND THE SLOPED SEGMENT AT BOTH THE TOP AND BOTTOM, AND SHALL BE PARALLEL TO THE FLOOR OR GROUND SURFACE.
   4.3. THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE 2 1/4" INCH
   4.4. GRIPPING SURFACES SHALL BE CONTINUOUS.
   4.5. TOP OF HANDRAIL GRIPPING SURFACES SHALL BE MOUNTED BETWEEN 34 IN AND 38 INCH ABOVE RAMP SURFACES.
   4.6. ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL OR POST
   4.7. HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
5. CROSS SLOPE SURFACES -THE CROSS SLOPE OR RAMP SURFACES SHALL BE NO GREATER THAN 1:50. RAMP SURFACES SHALL COMPLY W/ CHAPTER 4 OF FBC 2010 ACCESSIBILITY CODE.
6. EDGE PROTECTION -RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OF THE RAMP. CURBS SHALL BE A MINIMUM OF 2 IN HIGH
7. OUTDOOR CONDITIONS -OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.

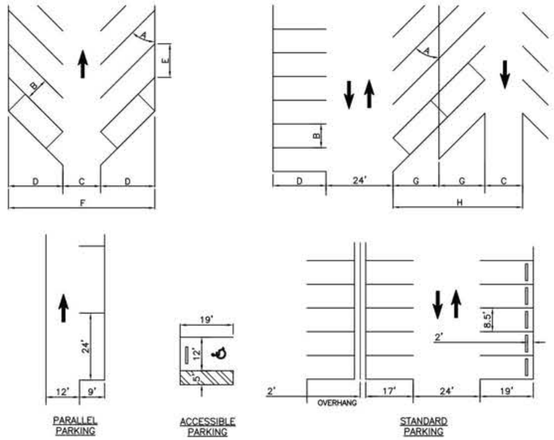
PARKING LOT ENTRANCE DETAIL:



NOTES:

1. USE TRAFFIC GRADE PAINT OR THERMOPLASTIC WHEN REQUIRED BY THE CITY ENGINEER.
2. ALL SIGNAGE AND MARKING SHALL BE IN ACCORDANCE WITH MANUAL OF UNIFROM TRAFFIC CONTROL DEVICES (MUTCD) STANDARD.
3. REFER TO STOP SIGN AND STREET IDENTIFICATION ASSEMBLY TYPICAL DETAILS FROM BROWARD COUNTY TRAFFIC ENGINEERING DIVISION (LATEST EDITION).

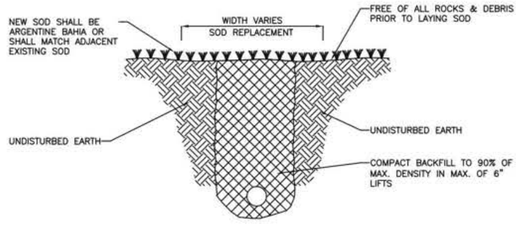
STANDARD PARKING GEOMETRICS:



A PARKING ANGLE	B STALL WIDTH	C AISLE WIDTH	D STALL LENGTH	E CURB DEPTH	F OVERALL LENGTH	G BACK TO BACK STALL LENGTH	H OVERALL BACK TO BACK LENGTH
30°	8.5'	12'	16.9'	17'	45.8'	13.2'	38.4'
30°	9'	12'	17.3'	18'	46.6'	13.4'	38.8'
45°	8.5'	13.5'	19.5'	12'	52.4'	16.4'	46.4'
45°	9'	13.5'	19.8'	12.75'	53.1'	16.6'	46.7'
60°	8.5'	18.5'	20.7'	9.8'	59.9'	18.6'	55.7'
60°	9'	18.5'	21'	10.4'	60.5'	18.7'	55.9'
90°	8.5'	24'	19'	9'	62'	19'	62'
90°	9'	24'	19'	9'	62'	19'	62'

STANDARD STALL IS 8.5' x 19', PREFERRED IS 9' x 19'.
ACCESSIBLE SPACE IS 12' x 19', WITH 5' ACCESS AISLE CLEARLY MARKED.
PARALLEL PARKING IS 9' x 24'.
LANDSCAPE ISLANDS ARE FOR TREE PLANTING, NOT FOR LIGHT POLES.
DRIVEWAY WIDTH AT PROPERTY LINE IS NOT TO EXCEED AISLE WIDTH.

TURF RESTORATION DETAIL:



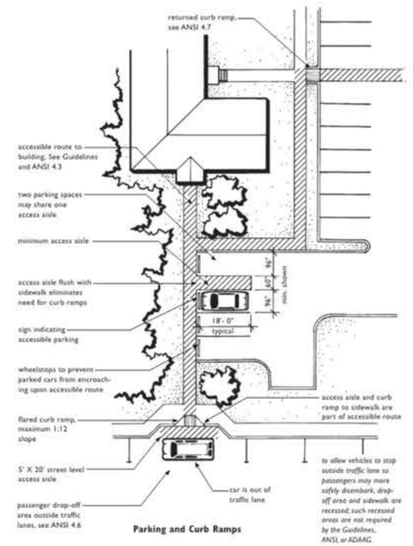
ACCESSIBLE PARKING ON AN ACCESSIBLE ROUTE:

When parking is provided on a residential site, accessible parking spaces on an accessible route must be provided for residents and visitors. Accessible parking spaces must meet the requirements for parking in ANSI 4.6 and be located on the shortest possible accessible circulation route to an accessible entrance, subject to site considerations in Chapter 1.

Access Aisles. Parking spaces must be wide enough to allow people using wheelchairs or mobility aids to move between cars and to enter cars or vans. Accessible parking spaces must be at least 96 inches wide and have an adjacent access aisle that is 60 inches wide. This 60-inch access aisle is regarded as a minimum, and although it is adequate for people using wheelchairs who can transfer into and out of cars, it is too narrow for safe and comfortable use for people who drive vans. The Guidelines do not require nor specify the size of van-accessible access aisles. The only nationally accepted design standard that contains such a specification is the Americans with Disabilities Act Accessibility Guidelines (ADAAG), which specify that a van parking access aisle must be at least 96 inches wide and is required at sales and rental offices. See page 2.6.

Curb Ramps. Curb ramps are transitions between roads, parking areas, access aisles, and sidewalks that allow a pedestrian route to remain accessible to people who use wheelchairs and other mobility aids, see ANSI 4.7. Curb ramps are a necessity for people with mobility impairments but are a hazard to people who are blind who use the curb as a "cue" to know when they are entering the street. The ANSI Standard requires a texture on curb ramp surfaces to make them detectable. These textures often do not provide enough of a cue and a person with a visual impairment may inadvertently enter the street. Locating curb ramps out of the usual line of pedestrian flow and "shorelines" (edge between sidewalk and grass or other cane detectable surface) is one solution to this problem. See drawing at the bottom of page 2.22.

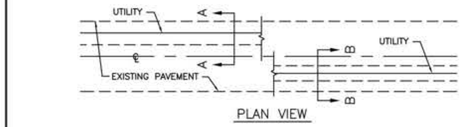
Minimum Number. The Guidelines provide that a minimum of two percent of the parking spaces serving covered dwelling units be made accessible and be located on an accessible route.

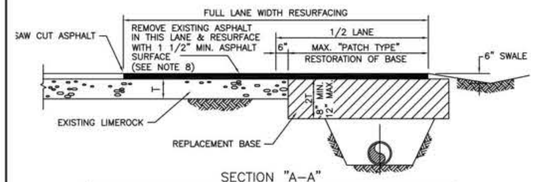


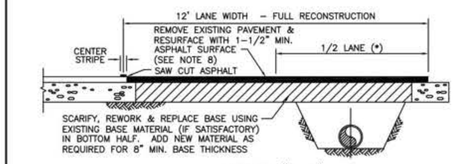
Parking and Curb Ramps

RESIDENT ACCESSIBLE PARKING 2.21

FLEXIBLE PAVEMENT RESTORATION DETAIL:







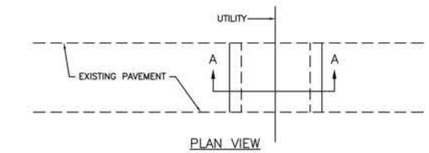
FLEXIBLE PAVEMENT RESTORATION
PARALLEL UTILITY INSTALLATION

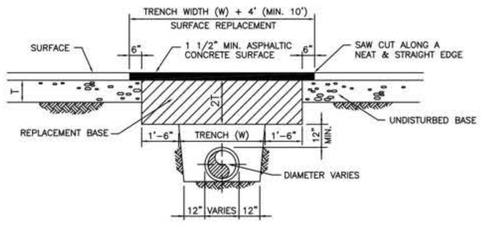
(*) IF TRENCH IMPACTS MORE THAN ½ A LANE WIDTH SECTION B–B SHALL BE USED.

NOTES:

1. BASE MATERIAL SHALL HAVE A MINIMUM L.B.R. OF 100 AND A MINIMUM CARBONATE CONTENT OF 70%.
2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM THICKNESS LAYERS WITH EACH LAYER COMPACTED AS REQUIRED AND TESTED PRIOR TO THE PLACEMENT OF THE SUCCEEDING LAYERS.
3. SUBGRADE MATERIAL SHALL BE GRANULAR AND SHALL HAVE A MINIMUM L.B.R. OF 40.
4. BACKFILL SHALL BE PLACED AND COMPACTED IN 8" LAYERS, BUT TESTING WILL BEGIN 12" ABOVE THE INSTALLED FACILITY.
5. ALL EDGES OF EXISTING ASPHALT PAVEMENT WHERE RESURFACING WILL ABUT SHALL BE SAW CUT TO STRAIGHT LINES, PARALLEL TO OR PERPENDICULAR TO THE ROADWAY, PRIOR TO THE RESURFACING.
6. RESURFACING MATERIAL SHALL BE OF THE SAME MIX AS THE EXISTING SURFACE AND SHALL BE APPLIED A MINIMUM OF 1–1/2" INCHES IN THICKNESS.
7. FULL ROAD WIDTH RESURFACING MAY BE REQUIRED. SEE PLANS.

FLEXIBLE PAVEMENT RESTORATION DETAIL:

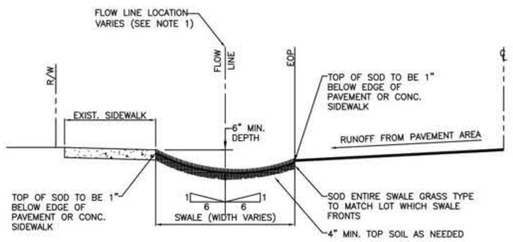




NOTES:

1. REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE, MINIMUM 12", MAXIMUM 18".
2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM (LOOSE MEASUREMENT) LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T–180.
3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
4. SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED AND FEATHERED.
5. SURFACE MATERIAL SHALL BE CONSISTENT WITH THE EXISTING SURFACE.
6. BASE MATERIAL SHALL HAVE A MINIMUM LBR OF 100 AND A MINIMUM CARBONATE CONTENT OF 70%.
7. IF THE TRENCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" ASPHALTIC CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING UNTIL REPLACED WITH A PERMANENT PATCH.
8. MINIMUM PAVEMENT RESTORATION WIDTH IS 10'.

TYPICAL SWALE GRADING:



NOTES:

1. HORIZONTAL BOTTOM (FLOW LINE) OF SWALE LOCATION IS TO BE PLACED AT THE POINT WHERE 6:1 SLOPE FROM THE EDGE OF S/W AND 6:1 SLOPE FROM EDGE OF PAVEMENT MEET.
2. TOP OF SOD ELEVATION AS SHOW ABOVE.

TAC SUBMITTAL
SET
05/20/24

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FL

RENDERING

STATE OF FLORIDA
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#AR7073
REGISTERED ARCHITECT

A-5.0

adache
group architects
LIC. # AR0007073

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SET
05/20/24

BOOMERANG RESIDENCES

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RENDERING

STATE OF FLORIDA
DAVID T. ADACHE
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RENDERING

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A-5.3

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RENDERING

STATE OF FLORIDA
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A-5.4

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RENDERING

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DANIELE ADACHE
#AR7073
REGISTERED ARCHITECT

A-5.8

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group architects
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Sheet Set:Boomerang Residences Layout:C-000 COVER SHEET May 17, 2024 09:09:14am \\kimley-horn.com\FL_FTL\FTL_Civil\040_Jobs\040879026 Hollywood Boomerang 601 S Ocean Dr\Design\CADD\PlanSheets\COVER SHEET.dwg
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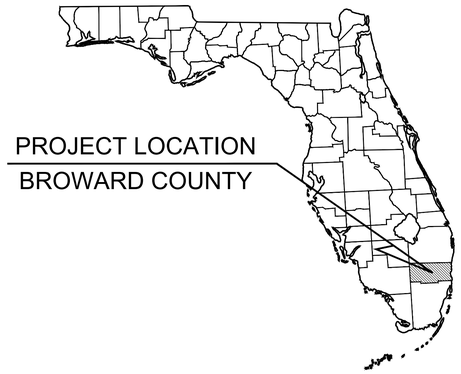
FOR REVIEW ONLY

PRELIMINARY CIVIL PLANS FOR BOOMERANG RESIDENCES

CITY OF HOLLYWOOD
BROWARD COUNTY, FLORIDA

MAY 2024



NOTES

1. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION'S REVIEW DOES NOT INCLUDE A REVIEW AND ACCEPTANCE OF THE PROJECT'S DESIGN OR OPERATION. THESE ITEMS ARE TO BE REVIEWED AND APPROVED BY THE CITY ENGINEER.
2. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION DOES NOT APPROVE OR INSPECT AND ACCEPT THE FOLLOWING ITEMS FOR MAINTENANCE: PAVEMENT MARKINGS ON OR ADJACENT TO PAVER BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVER BRICKS, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED MID-BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, PAINTED/DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLINKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN-ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK OR ASPHALT WORK.
3. THE CITY ENGINEER IS RESPONSIBLE FOR THE REVIEW AND APPROVAL OF THE DESIGN AND OPERATION OF THE PROJECT, AND FOR THE INSPECTION AND ACCEPTANCE OF THE FOLLOWING ITEMS THAT WILL BE MAINTAINED BY THE CITY: PAVEMENT MARKINGS ON OR ADJACENT TO PAVER BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVER BRICKS, PAVEMENT MARKINGS ON OR ADJACENT TO PAINTED ASPHALT, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED MID-BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, PAINTED/DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLINKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN-ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK AND ASPHALT WORK.

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VICINITY MAP

GRAPHIC SCALE IN FEET
0 50 100 200
SCALE: 1"=100'

SHEET LIST TABLE	
SHEET NUMBER	SHEET TITLE
C-000	COVER SHEET
C-001	GENERAL NOTES
C-100	EROSION CONTROL NOTES
C-101	DEMOLITION NOTES
C-200	EROSION CONTROL & DEMOLITION PLAN
C-201	EROSION & SEDIMENT CONTROL DETAILS
C-300	HORIZONTAL CONTROL PLAN
C-301	PAVEMENT MARKING & SIGNAGE PLAN
C-302	PAVEMENT MARKING & SIGNAGE DETAILS
C-303	PAVEMENT MARKING & SIGNAGE DETAILS
C-304	HORIZONTAL CONTROL DETAILS
C-400	PAVING GRADING & DRAINAGE PLAN
C-401	PAVING GRADING & DRAINAGE PLAN
C-402	TYPICAL SECTIONS
C-403	PAVING GRADING & DRAINAGE DETAILS
C-404	PAVING GRADING & DRAINAGE DETAILS
C-405	PAVING GRADING & DRAINAGE DETAILS
C-406	PAVING GRADING & DRAINAGE DETAILS
C-407	DRAINAGE WELL DETAILS
C-408	DRAINAGE WELL DETAILS
C-500	WATER & SEWER PLAN
C-501	GENERAL DETAILS
C-502	GENERAL DETAILS
C-503	WATER DETAILS
C-504	SEWER DETAILS

ABBREVIATION LEGEND:

ADAP.	ADAPTER	F.B. #	FIELD BOOK NUMBER	R/W	RIGHT-OF-WAY
A.R.V.	AIR RELEASE VALVE	F.H.	FIRE HYDRANT	R.C.P.	REINFORCED CONCRETE PIPE
A.C.P.	ASBESTOR CEMENT PIPE	F.M.	FORCE MAIN	R.P.Z.B.P.	REDUCED PRESSURE ZONE BACKFLOW PREVENTION
AVE.	AVENUE	G.I.A.	GALVANIZED IRON PIPE		
BOT.	BOTTOM	G.	GAS	SQ. FT.	SQUARE FEET
BUTT V.	BUTTERFLY VALVE	G.V.	GATE VALVE	SEC.	SECTION
C.V.	CHECK VALVE	GA	GAUGE	SHT.	SHEET
C.B.	CATCH BASIN	INV.	INVERT	ST.	STREET
C.I.	CAST IRON	LAT.	LATERAL	SAN.	SANITARY SEWER
CONC.	CONCRETE	L.P.	LIGHTPOLE	S.S.	STORM SEWER
COND.	CONDUIT	MH.	MANHOLE	TAP. SLV.	TAPPING SLEEVE
C.M.P.	CORRUGATED METAL PIPE	MIN.	MINIMUM	T.O.P.	TOP OF PIPE
CORP. STOP	CORPORATION STOP	MAX.	MAXIMUM	TWP.	TOWNSHIP
CU. YD.	CUBIC YARD	M.J.	MECHANICAL JOINT	TYP.	TYPICAL
D.D.C.V.	DOUBLE DETECTOR CHECK VALVE	NO.	NUMBER	T.R.	THRUST RESTRAINT
DET.	DETAIL	PVMT.	PAVEMENT	U.P.	UTILITY POLE
D..P.	DUCTILE IRON PIPE	P.V.	PLUG VALVE	UNK.	UNKNOWN
DWG.	DRAWING	PSI	POUNDS PER SQUARE INCH	V.C.P.	VITRIFIED CLAY PIPE
DIV.	DIVISION	P.I.	POINT OF INTERSECTION	W.M.	WATER MAIN
DWY.	DRIVEWAY	LBS.	POUNDS	W/O	WITHOUT
EL.	ELEVATION	PROP.	PROPOSED	W. MTR.	WATER METER
E.O.P.	EDGE OF PAVEMENT	P.V.A.	POLYVINYL CHLORIDE		
EXIST.	EXISTING	R.A.R.	ROTATE AS REQUIRED		

ELEVATIONS SHOWN HEREON REFER TO NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929.

PREPARED BY

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AUSTIN P. BOUCHARD No 92461 STATE OF FLORIDA PROFESSIONAL ENGINEER
DATE: 5/17/2024
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY AUSTIN P. BOUCHARD, P.E. ON 5/17/2024 USING A DIGITAL SIGNATURE.
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KHA PROJECT	040879026
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COVER SHEET

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-000

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK, AND, UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
3. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. AN APPROXIMATE LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON THE COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WISH TO NOTIFY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, GEOTECHNICAL REPORT AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
7. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
8. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
11. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED.
12. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.

DEMOLITION NOTES

1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN AND LANDSCAPE PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.
4. CONTRACTOR SHALL ADJUST GRADE OF ANY EXISTING UTILITIES TO REMAIN.

PAVING, GRADING AND DRAINAGE NOTES

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
2. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.
3. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U S DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
5. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN.
6. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
7. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
8. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
9. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
10. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.
11. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
12. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
13. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SODDED OR SEEDED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE SODDED OR SEEDED AND MULCHED AS SHOWN ON THE LANDSCAPING PLAN.
14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
16. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
17. SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.
18. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY WATER MANAGEMENT DISTRICT REPRESENTATIVES.
19. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
20. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURER'S RECOMMENDATIONS

RECORD DRAWINGS

1. CONTRACTOR SHALL PROVIDE TO THE ENGINEER AND OWNER A MINIMUM OF 10 HARD COPIES OF A PAVING, GRADING AND DRAINAGE RECORD DRAWING AND A SEPARATE UTILITY RECORD DRAWING, AS WELL AS BOTH IN AUTOCAD 2012 OR LATER, BOTH PREPARED BY A FLORIDA REGISTERED SURVEYOR. THE RECORD DRAWINGS SHALL VERIFY ALL DESIGN INFORMATION INCLUDED ON THE DESIGN PLANS OF THE SAME NAME.

WATER AND SEWER UTILITY NOTES

1. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN
2. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION AND COORDINATION IN ACCORDANCE WITH THE NOTES CONTAINED IN THE GENERAL CONSTRUCTION SECTION OF THIS SHEET.
3. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
4. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.
5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
7. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
8. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.
9. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANDREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.

EROSION CONTROL NOTES

1. THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THIS EROSION CONTROL PLAN, THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN SPECIFICATIONS OF THE SWPPP, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
5. EROSION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
7. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
9. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
12. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.

EROSION CONTROL NOTES (CONT.)

13. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
14. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE FDOT STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.
15. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
16. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
18. ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
19. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
20. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

MAINTENANCE

ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED. FOR MAINTENANCE REQUIREMENTS REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS / ACRE.
7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.

TYPICAL ENGINEER OBSERVATIONS

CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS IN ADVANCE OF THE FOLLOWING ACTIVITIES:

- PRE-CONSTRUCTION MEETING
- SUBGRADE PREPARATION
- BASE INSTALLATION
- ASPHALT INSTALLATION
- UNDERGROUND PIPING AND UTILITIES INSTALLATION
- INSTALLATION OF STRUCTURES, DDCV, HYDRANTS, METERS, ETC.
- SIDEWALK INSTALLATION
- CONNECTIONS TO WATER AND SEWER MAINS
- TESTS OF UTILITIES

3RD PARTY TEST REPORTS REQ'D

TEST REPORTS REQUIRED FOR CLOSE OUT INCLUDE, BUT ARE NOT LIMITED TO:

- DENSITY TEST REPORTS
- BACTERIOLOGICAL TESTS OF WATER SYSTEM
- PRESSURE TEST OF WATER/SEWER
- LEAK TESTS ON SEWER SYSTEM AND GREASE TRAPS
- ANY OTHER TESTING REQUIRED BY THE AGENCY

No.	REVISIONS	DATE	BY

Kimley»Horn

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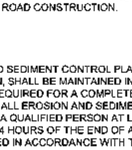

DATE: 5/17/2024

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY KEITH P. BOCKARD, P.E. ON 5/17/2024 USING A DIGITAL SIGNATURE.

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CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-001

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BEST MANAGEMENT PRACTICES (BMPS):

THIS PLAN HAS BEEN PREPARED TO ENSURE COMPLIANCE WITH APPROPRIATE CONDITIONS OF THE BROWARD COUNTY LAND DEVELOPMENT REGULATIONS, THE RULES OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP), CHAPTER 17-25, F.A.C., THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD), CHAPTER 40D-4, F.A.C. AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) DOCUMENT NO. EPA 832/R-92-005 (SEPTEMBER 1992). THE PLAN ADDRESSES THE FOLLOWING:

1. PREVENT LOSS OF SOIL DURING CONSTRUCTION BY STORMWATER RUNOFF AND/OR WIND EROSION, INCLUDING PROTECTING TOPSOIL BY STOCKPILING FOR REUSE.
2. SEDIMENTION PROTECTION OF STORM SEWER OR RECEIVING STREAM.
3. PREVENT POLLUTING THE AIR WITH DUST AND PARTICULATE MATTER. THE VARIOUS TECHNIQUES OR ACTIONS IDENTIFIED UNDER EACH SECTION INDICATE THE APPROPRIATE SITUATION WHEN THE TECHNIQUES SHOULD BE EMPLOYED. ALSO IDENTIFIED IS A CROSS-REFERENCE TO A DIAGRAM OR FIGURE REPRESENTING THE TECHNIQUE. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BMP(S). THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS. CONTRACTOR SHALL PREPARE REQUIRED NPDES DOCUMENTATION AND OBTAIN PERMIT PRIOR TO COMMENCEMENT OF CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE THE REQUIRED NPDES DOCUMENT AND OBTAIN THE NPDES PERMIT. ALL COST ASSOCIATED WITH SUCH WORK SHALL BE DEEMED INCIDENTAL TO THE PROJECT LUMP SUM COST.

GENERAL EROSION CONTROL NOTES:

1. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THESE EROSION CONTROL DRAWINGS, THE STANDARD DETAILS, THE NPDES PERMIT (TO BE OBTAINED BY CONTRACTOR) AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THIS DRAWING AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERIC PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP) IN ALL CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
   - A. FUEL SPILLS AND LEAKS PREVENTION
   - B. PREVENT/REDUCE VEHICLE AND EQUIPMENT WASHING AND STEAM CLEANING
   - C. VEHICLE AND EQUIPMENT MAINTENANCE AND REPAIR
   - D. PROPER OUTDOOR LOADING/UNLOADING OF MATERIALS
   - E. PREVENT/REDUCE OUTDOOR STORAGE OF RAW MATERIALS, PRODUCTS, AND BY-PRODUCTS
   - F. SOLID WASTE MANAGEMENT
   - G. HAZARDOUS WASTE MANAGEMENT
   - H. CONCRETE WASTE MANAGEMENT
   - I. SANDBLASTING WASTE MANAGEMENT
   - J. STRUCTURE CONSTRUCTION AND PAINTING
   - K. SPILL PREVENTION AND CONTROL
   - L. CONTAMINATED SOIL MANAGEMENT
   - M. SANITARY/SEPTIC WASTE MANAGEMENT
   - N. SOIL EROSION CONTROL
   - O. STORM WATER TURBIDITY MANAGEMENT
4. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
   - A. BEST MANAGEMENT PRACTICES (BMPS) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
   - B. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. CONTRACTOR MUST MAINTAIN ALL PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS ON SITE AT ALL TIMES.
   - C. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
   - D. CONTRACTOR SHALL BEGIN CLEARING AND GRUBBING THOSE PORTIONS OF THE SITE NECESSARY TO IMPLEMENT PERIMETER CONTROL MEASURES. CLEARING AND GRUBBING FOR THE REMAINING PORTIONS OF THE PROPOSED SITE SHALL COMMENCE ONCE PERIMETER CONTROLS ARE IN PLACE. PERIMETER CONTROLS SHALL BE ACTIVELY MAINTAINED UNTIL SAID AREAS HAVE BEEN STABILIZED AND SHALL BE REMOVED ONCE FINAL STABILIZATION IS COMPLETE.
   - E. GENERAL EROSION CONTROL BMPS SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND POTENTIAL LAKE SLOPE CAVE-INS. WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED AS SOON AS POSSIBLE DURING CONSTRUCTION.
   - F. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
   - G. SURFACE WATER QUALITY SHALL BE MAINTAINED BY EMPLOYING THE FOLLOWING BMP'S IN THE CONSTRUCTION PLANNING AND CONSTRUCTION OF ALL IMPROVEMENTS.

STORM WATER EROSION CONTROL PRACTICES:

1. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT FROM DETENTION PONDS AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
2. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
3. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (COMPOST SOCK DEVICES, ETC.) TO PREVENT EROSION.
4. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES.
5. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:
   - A. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
   - B. STORMWATER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED AS SOON AS PRACTICAL DURING THE VARIOUS STAGES OF INLET CONSTRUCTION. SILT BARRIERS SHALL REMAIN IN PLACE UNTIL SODDING AROUND INLETS IS COMPLETE.
   - C. WHEN NEEDED A TEMPORARY SEDIMENT TRAP SHOULD BE CONSTRUCTED TO DETAIN SEDIMENT-LADEN RUNOFF FROM DISTURBED AREAS.
6. SILT BARRIERS, ANY SILT WHICH ACCUMULATES BEHIND THE BARRIERS, AND ANY FILL USED TO ANCHOR THE BARRIERS SHALL BE REMOVED PROMPTLY AFTER THE END OF THE MAINTENANCE PERIOD SPECIFIED FOR THE BARRIERS.
7. SLOPES OF BANKS OF RETENTION/DETENTION PONDS SHALL BE CONSTRUCTED NOT STEEPER THAN 3H:1V FROM TOP OF BANK TO TWO FEET BELOW NORMAL WATER LEVEL, AS APPLICABLE.
8. SOD SHALL BE PLACED FOR A 2-FOOT WIDE STRIP ADJOINING ALL CURBING AND AROUND ALL INLETS. SOD SHALL BE PLACED BEFORE SILT BARRIERS ARE REMOVED.
9. WHERE REQUIRED TO PREVENT EROSION FROM SHEET FLOW ACROSS BARE GROUND FROM ENTERING A LAKE OR SWALE, A TEMPORARY SEDIMENT SUMP SHALL BE CONSTRUCTED.
10. FILTER FABRIC SHOULD BE USED FOR STORM DRAIN INLET PROTECTION BEFORE FINAL STABILIZATION.

WIND EROSION CONTROL PRACTICES:

1. WIND EROSION SHALL BE CONTROLLED BY EMPLOYING THE FOLLOWING METHODS AS NECESSARY AND APPROPRIATE:
   - A. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IT MAY BE NECESSARY TO LIMIT CONSTRUCTION VEHICLE SPEED IF BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.
   - B. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED (SEE PERMANENT STABILIZATION PRACTICES FOR DETAILS). THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN. CLEARED SITE DEVELOPMENT AREAS NOT CONTINUALLY SCHEDULED FOR CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH HAY OR OVERSEEDED AND PERIODICALLY WATERED SUFFICIENTLY TO STABILIZE THE TEMPORARY GROUNDCOVER (SEE TEMPORARY STABILIZATION PRACTICES FOR DETAILS).
   - C. AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS SHOULD INCLUDE ERECTION OF DUST CONTROL FENCES. A 6-FT GEOTEXTILE FILTER FABRIC SHOULD BE HANGING AGAINST THE EXISTING CHAIN LINK FENCE AND GATE.
2. ALL DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

STABILIZATION PRACTICES:

SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO. 62-621.300(4)(a)

STRUCTURAL PRACTICES:

SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO. 62-621.300(4)(a)

WASTE DISPOSAL:

1. WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.
2. HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.
3. SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.
4. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

OFFSITE TRACKING:

1. STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE MAJOR ROAD CONNECTED TO THE PROJECT SHALL BE CLEANED ONCE A DAY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK RESULTING FROM CONSTRUCTION TRAFFIC. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARPAULIN.
2. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATION PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD DIKES, HAY BALES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN, SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OF OIL, GREASE OR LUBRICANTS. CONTRACTORS SHALL HAVE AVAILABLE, AND SHALL USE, ABSORBENT FILTER PADS TO CLEAN UP SPILLS AS SOON AS POSSIBLE AFTER OCCURRENCE.
3. ALL WASH WATER FROM CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC. SHALL BE DETAINED ON SITE AND SHALL BE PROPERLY TREATED OR DISPOSED.
4. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
5. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

MAINTENANCE:

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
3. THE COMPOST SOCK FILTRATION DEVICE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF DEVICE. COMPOST SOCK SHALL BE REPAIRED TO ITS ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE COMPOST SOCK WHEN IT REACHES ONE-THIRD THE HEIGHT OF THE COMPOST SOCK.
4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 10% AND AFTER CONSTRUCTION IS COMPLETE.
7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION.DIVERSION DIKES SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.
8. A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.
9. ALL REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.
10. THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.
11. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.

SPILL PREVENTION AND CONTROL:

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

1. GOOD HOUSEKEEPING
   - A. SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.
   - B. STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.
   - C. ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.
   - D. ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.
   - E. PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.
   - F. ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
2. HAZARDOUS PRODUCTS
   - A. MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.
   - B. PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.
3. PRODUCT SPECIFIC PRACTICES
   - A. PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.
   - B. THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
   - C. PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.
   - D. CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL PREVENTION AND CONTROL (CONTINUED):

1. HAZARDOUS PRODUCTS
   - A. MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.
   - B. PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.
2. PRODUCT SPECIFIC PRACTICES
   - A. PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.
   - B. THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
   - C. PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.
   - D. CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CLEAN UP:

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED ABOVE, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

1. SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.
2. THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.
3. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ONSITE AND READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
4. ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.
5. WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.
6. TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.
7. AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.
8. THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

PROJECT DESCRIPTION:

1. PROJECT LOCATION: 901 S OCEAN DR, HOLLYWOOD, FL 33019
2. PROJECT LIMITS: TOTAL PROJECT AREA IS APPROXIMATELY 1.25 ACRES. THE TOTAL DISTURBED AREA IS APPROXIMATELY 1.25 ACRES.
3. CONSTRUCTION ACTIVITY: CONSTRUCTION OF PROPOSED BUILDING, ROADWAY IMPROVEMENTS, SIDEWALKS, LANDSCAPING, UTILITIES, AND DRAINAGE SYSTEM.
4. MAJOR SOIL DISTURBING ACTIVITIES: CLEARING AND GRUBBING, INSTALLATION OF DRAINAGE SYSTEM, INSTALLATION OF UTILITIES, CONSTRUCTION OF BUILDING FOUNDATION.
5. DEWATERING ACTIVITIES: DEWATERING IS ANTICIPATED DURING THE CONSTRUCTION OF THE WATER AND SEWER UTILITIES.
6. SOIL CHARACTERISTICS: THE SOIL TYPE WITHIN THE PROJECT'S LIMIT OF DISTURBANCE IS CLASSIFIED AS URBAN SOIL AND IS NOT HIGHLY ERODIBLE.
7. RUNOFF COEFFICIENTS:

EXISTING:	0.20
DURING CONSTRUCTION:	0.50
PROPOSED:	0.60

SEQUENCE OF CONSTRUCTION:

SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS:

1. PRIOR TO COMMENCEMENT OF ANY EARTH DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING, INSTALL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE EROSION CONTROL PLAN, STANDARD DETAILS, NPDES REQUIREMENTS, AND THE CITY OF HOLLYWOOD PUBLIC WORKS ENGINEERING STANDARD FOR DESIGN AND CONSTRUCTION MANUAL.
2. BEGIN CLEARING AND GRUBBING.
3. INSTALL DRAINAGE SYSTEM, INCLUDING: CONCRETE INLETS, DRAIN BASINS, DRAINAGE PIPES, DRAINAGE WELLS, AND EXFILTRATION TRENCHES.
4. INSTALL INLET PROTECTION AND ROCK BAGS ON ALL INLETS AND MANHOLES IN THE LOCATIONS SHOWN ON THE PLANS AND PER THE STANDARD DETAILS PROVIDED AND THE CITY OF HOLLYWOOD PUBLIC WORKS ENGINEERING STANDARD FOR DESIGN AND CONSTRUCTION MANUAL.
5. PREPARE SUBBASE MATERIAL.
6. BEGIN ASPHALT AND CONCRETE INSTALLATION.
7. AFTER COMPLETION OF SITE WORK, BEGIN SITE STABILIZATION AND PERMANENT SEEDING.
8. ONCE SITE STABILIZATION IS COMPLETE, CONTRACTOR TO CLEAN ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE.
9. ONCE A UNIFORM 70% VEGETATIVE COVER OF PERENNIAL VEGETATION IS ACHIEVED ACROSS THE ENTIRE DISTURBED AREA THE REMOVAL OF TEMPORARY EROSION CONTROL MEASURES MAY BEGIN.

No.	REVISIONS	DATE	BY

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KATHI P. BOUCHARD ★ No 82461 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER
DATE: 5/17/2024

KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

EROSION CONTROL NOTES

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-100

CIVIL RELATED DEMOLITION NOTES AND SPECIFICATIONS:

SHOULD ANY SECTION OF THESE DEMOLITION NOTES BE IN DIRECT CONFLICT WITH THE PROVISIONS OR TECHNICAL SPECIFICATIONS CONTAINED IN THE CONTRACT DOCUMENT FOR THIS PROJECT, THE INTENT OF THE CONTRACT DOCUMENT SHALL GOVERN.

I. GENERAL

FOR THIS PROJECT, "OWNER" SHALL MEAN ARQUITECTONIA, INC, "SURVEY" SHALL MEAN THE BOUNDARY SURVEY PREPARED BY FORTIN, LEAVY, SKILES, INC., ON 03/29/2023 FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER: 3653 AND "ENGINEER" SHALL MEAN THE ENGINEER OF RECORD.

1. EXISTING CONDITIONS, UTILITIES, STRUCTURES AND OTHER IMPROVEMENTS, AS SHOWN ON THE DEMOLITION DRAWINGS, WERE TAKEN FROM THE SURVEY, AND FROM INFORMATION PROVIDED BY UTILITY COMPANIES. AN ATTEMPT HAS BEEN MADE TO SHOW ALL EXISTING STRUCTURES, UTILITIES, DRIVES, WALKS, ETC., IN THEIR APPROXIMATE LOCATION. OTHERS MAY EXIST AND MAY BE FOUND UPON VISITING THE SITE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY LOCATE ALL FACILITIES AND TO DETERMINE THEIR EXTENT. IF SUCH FACILITIES OBSTRUCT THE PROGRESS OF THE WORK AND ARE NOT INDICATED TO BE REMOVED OR RELOCATED, THEY SHALL BE REMOVED OR RELOCATED ONLY AS DIRECTED BY THE OWNER OR ENGINEER OF RECORD, AT NO ADDITIONAL COST TO THE OWNER.
2. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
3. ORGANIZE AND PERFORM DEMOLITION WORK TO AVOID DAMAGE TO CONSTRUCTION INTENDED TO REMAIN, INCLUDING TREES (SEE LANDSCAPE PLANS FOR DETAILS).
4. DEMOLITION AND REMOVAL OPERATIONS SHALL BE CONDUCTED IN AN EXPEDIENT MANNER, WITH PRECAUTIONS TAKEN TO PREVENT THE DEMOLITION SITE FROM BEING A NUISANCE.
5. PERFORM REMOVAL AND DEMOLITION IN ACCORDANCE WITH DEMOLITION SCHEDULE (REFER TO SECTION IV.) AND TAKE NECESSARY PRECAUTIONS TO PROTECT EXISTING ADJACENT BUILDINGS, FURNISHINGS, AND EQUIPMENT. NOTIFY THE ENGINEER OF ANY CONDITIONS THAT MAY AFFECT THE SAFETY OF OCCUPANTS OF ADJACENT BUILDINGS, THE NORMAL USE OF THESE FACILITIES, OR THE PHYSICAL CONDITION OF THE STRUCTURES.
6. ALL EXISTING UTILITIES OUTSIDE THE PROPERTY BOUNDARIES ARE TO REMAIN, UNLESS OTHERWISE NOTED.
7. PRIOR TO DEMOLITION ACTIVITIES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL AFFECTED UTILITY COMPANIES IN ORDER TO COORDINATE THE DEACTIVATION OF ALL EXISTING UTILITY LINES WITHIN THE PROPERTY. ONCE ALL ONSITE UTILITIES HAVE BEEN DEACTIVATED, ALL LINES SHALL BE CUT AND CAPPED INSIDE THE PROPERTY LINE, AND REMOVED (UNLESS OTHERWISE INDICATED).
8. THE CONTRACTOR SHALL USE EXTREME CAUTION IN REMOVING ANY STRUCTURES AND UTILITIES ABOVE AND BELOW GRADE TO PREVENT DAMAGE TO EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE. ANY DAMAGE TO EXISTING PIPELINES, UTILITIES, ETC., CAUSED BY THE CONTRACTOR SHALL BE REPAIRED, AT THE CONTRACTOR'S EXPENSE, IN A MANNER ACCEPTABLE TO THE PARTY IN OWNERSHIP OF THE DAMAGED PROPERTY. THE CONTRACTOR SHALL REPORT ANY EXISTING DAMAGE PRIOR TO BEGINNING WORK. IN THE EVENT OF ACCIDENTAL DISRUPTION OF UTILITIES OR THE DISCOVERY OF PREVIOUSLY UNKNOWN UTILITIES, STOP WORK IMMEDIATELY AND NOTIFY THE AFFECTED UTILITY COMPANY AND THE ENGINEER. DO NOT CONTINUE WORK UNTIL THE UTILITY COMPANY, ENGINEER, AND CONTRACTOR AGREE ON A PLAN TO CORRECT THE SITUATION OR IDENTIFY THE UTILITY SERVICE LINE.
9. EXISTING WORK NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY REMOVED, DAMAGED, EXPOSED, OR IN ANY WAY DISTURBED OR ALTERED BY THE CONTRACTORS ACTIVITIES SHALL BE REPAIRED, PATCHED OR REPLACED, SOLELY AT THE CONTRACTOR'S EXPENSE, TO THE ENGINEER'S AND OWNER'S SATISFACTION.
10. TITLE AND RESPONSIBILITY TO MATERIALS AND EQUIPMENT TO BE REMOVED, EXCEPT SALVAGEABLE EQUIPMENT TO BE RETAINED BY THE OWNER, IS VESTED TO THE CONTRACTOR UPON RECEIPT OF NOTICE TO PROCEED. THE OWNER WILL NOT BE RESPONSIBLE FOR THE CONDITION, LOSS OR DAMAGE TO SUCH MATERIALS AND EQUIPMENT AFTER THE ISSUANCE OF THE NOTICE TO PROCEED.
11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO:
    - A. PROTECT ALL EXISTING STRUCTURAL AND VEGETATIVE ELEMENTS TO REMAIN DURING DEMOLITION UNLESS OTHERWISE SPECIFIED.
    - B. IF APPLICABLE, PATCH AND REPAIR ALL SURFACES WITHIN THE PUBLIC R/W AFFECTED BY DEMOLITION.
    - C. SAW-CUT IN NEAT, STRAIGHT LINES, EXISTING CONC. OR ASPHALT PAVEMENT.
    - D. REMOVE ALL EXISTING IRRIGATION LINES WITHIN THE LIMITS OF DEMOLITION UNLESS OTHERWISE NOTED.
    - E. ALL EXISTING CHAIN LINK FENCES AND CBS WALLS ALONG THE PERIMETER OF THE PROPERTY SHALL REMAIN, UNLESS OTHERWISE SPECIFIED.
    - F. NO ELECTRIC POLES, STREET LIGHTS, WATER METERS/VALVES, FIRE HYDRANTS ETC. WILL BE REMOVED WITHIN THE ROADWAY RIGHT-OF-WAY, UNLESS OTHERWISE NOTED ON THE DEMOLITION PLANS.
    - G. REFER TO LANDSCAPE PLANS FOR VERIFICATION OF ALL EXISTING TREES TO BE REMOVED, RELOCATED OR TO REMAIN.
    - H. MAINTAIN ALL EXISTING SURVEY REFERENCES AND MARKERS IN PLACE, OTHERWISE THEY SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

I. DESCRIPTION

1. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SERVICES, ETC., NECESSARY AND INCIDENTAL TO THE COMPLETION OF ALL SITE DEMOLITION AND CLEARING WORK AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN, INCLUDING THE LEGAL TRANSPORT AND OFF-SITE DISPOSAL OF DEMOLITION DEBRIS.
2. ALL SITE WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:
    - A. FULL-DEPTH REMOVAL OF EXISTING SIDEWALKS, DRIVES, CURBS, AND PAVEMENT.
    - B. FULL DEPTH REMOVAL OF EXISTING BUILDING FOUNDATIONS, UNDERGROUND UTILITIES AND RELATED STRUCTURES.
    - C. CLEARING SITE OF VEGETATION AND TREES AS NOTED ON THE LANDSCAPE PLANS.
    - D. CLEARING SITE OF DEMOLITION DEBRIS.
    - E. REMOVAL FROM SITE AND DISPOSAL OF ALL EXCESS AND UNUSABLE MATERIAL.
    - F. COORDINATION WITH ALL UTILITY COMPANIES/OWNERS PRIOR TO DEACTIVATION OF EXISTING UTILITIES.

III. APPLICABLE CODES

1. DEMOLITION AND TRANSPORTATION OF DEBRIS SHALL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS GOVERNING THESE OPERATIONS. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ANY PERMITS, BONDS, LICENSES, ETC., REQUIRED FOR DEMOLITION AND CLEARING WORK.
2. ANY WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF HOLLYWOOD PUBLIC WORKS DEPARTMENT, AND OTHER GOVERNMENTAL AGENCIES WHO MAY HAVE JURISDICTION OF THE PUBLIC RIGHT-OF-WAY. SAID WORK SHALL NOT BEGIN UNTIL THE CONTRACTOR HAS OBTAINED ALL PERMITS AND NOTIFIED ALL THE GOVERNING AUTHORITIES.

IV. SEQUENCING AND SCHEDULING

1. AREAS ADJACENT TO DEMOLITION AND REMOVAL WORK MAY BE OCCUPIED AND THEIR ACTIVITIES CANNOT BE INTERRUPTED OR DISTURBED DURING NORMAL WORKING HOURS. DEMOLITION SCHEDULE SHALL BE COORDINATED WITH ALL ADJACENT PROPERTY OWNERS AND ANY OTHER PARTIES WHOSE DAILY ACTIVITIES WOULD BE AFFECTED BY THE DEMOLITION WORK.
2. COORDINATE WITH APPLICABLE UTILITY COMPANIES FOR UTILITY LINE REMOVAL, CAPPING AND UTILITY SHUTDOWNS NECESSITATED BY REMOVAL WORK.

V. ENVIRONMENTAL PROTECTION

1. CONTROL AMOUNT OF DUST RESULTING FROM CONSTRUCTION OR DEMOLITION TO PREVENT SPREAD OF DUST TO OTHER BUILDINGS AND TO AVOID CREATION OF A NUISANCE IN SURROUNDING AREAS. USE OF WATER TO CONTROL DUST WILL NOT BE PERMITTED WHEN IT WILL RESULT IN, OR CREATE, HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS FLOODING.
2. NOISE PRODUCING ACTIVITIES SHALL BE HELD TO A MINIMUM. INTERNAL COMBUSTION ENGINES AND COMPRESSORS, ETC., SHALL BE EQUIPPED WITH MUFFLERS TO REDUCE NOISE TO A MINIMUM. CONTRACTOR SHALL COMPLY WITH ALL NOISE ABATEMENT ORDINANCES.
3. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED.
4. DISPOSITION OF DEMOLISHED MATERIALS BY BURNING IS NOT PERMITTED.
5. ALL CLEARING SHALL BE PERFORMED IN A MANNER SUCH AS TO PREVENT ANY WASH-OFF OF SOILS AND DEBRIS FROM THE SITE INTO PUBLIC RIGHT-OF-WAY WATER BODIES, AND/OR STORM DRAINAGE SYSTEMS. APPROPRIATE SEDIMENTATION PONDS, DIKES, COLLARS, AND FILTER MEDIA SHALL BE EMPLOYED TO ENSURE COMPLIANCE WITH THESE REQUIREMENTS. WHERE A SPECIFIC STATUTE GOVERNS THESE PROCEDURES, SUCH STATUTE SHALL BE COMPLIED WITH IN ITS ENTIRETY.
6. AT ALL TIMES DURING THE CLEARING OPERATION, THE EXPOSED AREAS OF SUBGRADE SHALL BE MAINTAINED IN A CONDITION COMPATIBLE WITH POSITIVE DRAINAGE OF THE WORK AREA. NO WATER WILL BE PERMITTED TO STAND IN OPEN EXCAVATIONS. ALL STORMWATER RUNOFF SHALL BE CONTAINED WITHIN THE SITE. FAILURE TO MAINTAIN SUCH DRAINAGE SHALL BE CONSIDERED ADEQUATE CAUSE TO ORDER TEMPORARY SUSPENSION OF THE WORK.
7. IF IT SHOULD BECOME NECESSARY TO STOP WORK FOR INDEFINITE PERIODS, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT DAMAGE OR DETERIORATION OF THE WORK ALREADY PERFORMED, PROVIDE SUITABLE AND FUNCTIONAL DRAINAGE BY OPENING DITCHES, FILTER DRAINS, TEMPORARY CUT-OFF LINES, ETC., AND ERECT TEMPORARY PROTECTIVE STRUCTURES WHERE NECESSARY. ALL EMBANKMENTS SHALL BE BACK-BLADED AND SUITABLY SEALED TO PROTECT AGAINST ADVERSE WEATHER CONDITIONS.
8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS WHEN REMOVING ABANDONED AND DE-ENERGIZED MATERIALS. IF ASBESTOS PIPES ARE ENCOUNTERED, THE CONTRACTOR WILL TAKE ALL NECESSARY ABATEMENT STEPS AS REQUIRED BY GOVERNING REGULATIONS TO SAFELY REMOVE AND DISPOSE OF SAID FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF SAID MATERIALS.

THE CONTRACTOR SHALL SECURE THE WORK AREA WITH FENCING OR OTHER MEANS AS APPROVED BY THE OWNER.

VI. TRAFFIC MAINTENANCE

1. THE CONTRACTOR SHALL FOLLOW FDOT MAINTENANCE OF TRAFFIC PROCEDURES DURING CONSTRUCTION IN PUBLIC RIGHT-OF-WAYS AND PRIVATE DRIVEWAYS, PEDESTRIANS PATHS, AND ROADWAYS (INDEX 600 SERIES), AND PREPARE AND OBTAIN APPROVAL OF SUCH MAINTENANCE OF TRAFFIC PLAN FROM THE APPROPRIATE REGULATORY AGENCY.
2. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING, SHORING, TEMPORARY CROSSOVER FOR PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING GUARDRAILS, LAMPS, WARNING SIGNS AND FLAGS AS REQUIRED BY AGENCIES HAVING JURISDICTION, AND SHALL NOT REMOVE THESE UNTIL THE NEED FOR PROTECTION CEASES.
3. THE CONTRACTOR MAY NOT CLOSE ANY SIDEWALKS WITHOUT PROVIDING ALTERNATE ROUTES IN ACCORDANCE WITH FDOT INDEX 660 AND OBTAINING APPROVAL AND PERMIT FROM THE GOVERNING JURISDICTIONAL AGENCY.
4. THE CONTRACTOR SHALL CONDUCT CONSTRUCTION OPERATIONS SO THAT TRAFFIC IS MAINTAINED ALONG EXISTING STREETS AND WALKS. ALL PUBLIC PAVED STREETS AND WALKWAYS MUST BE KEPT FREE OF DEBRIS. THE CONTRACTOR MUST REMOVE MATERIAL AND OTHER MATTER TRACKED OR FALLEN ONTO TRAFFIC SURFACES.

VII. CLEAN UP

1. REMOVE DEMOLISHED CONSTRUCTION MATERIALS AND RELATED DEBRIS FROM THE SITE ON A REGULAR BASIS. ACCUMULATION OF DEBRIS ON THE SITE WILL NOT BE PERMITTED. SELLING OF SALVAGEABLE MATERIALS IS NOT PERMITTED AT THE SITE.
2. REMOVE MATERIALS, INCLUDING DEBRIS AND DUST, AND DISPOSE OF LEGALLY OFF SITE. NO DEBRIS SHALL BE BURNED OR BURIED ON THE SITE AS A MEANS OF DISPOSAL. USE METHODS APPROVED BY THE REGULATORY AGENCIES PRIOR TO BEGINNING CLEANUP OPERATIONS. USE OF BLOWERS TO DISTRIBUTE DUST WILL NOT BE PERMITTED.
3. MATERIAL DESIGNATED FOR REMOVAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND ANY SALVAGE VALUE THERE FROM WILL ACCRUE TO THE CONTRACTOR.

No.	REVISIONS	DATE	BY

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
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AUSTIN P. BOUCHARD LICENSE No 92461 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: 5/17/2024

KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

DEMOLITION NOTES

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP
ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-101

Sheet Set:Boomerang Residences Layout:DEMOLITION NOTES May 17, 2024 09:09:41am \\kimley-horn.com\FTL_FTL1\FTL_Civil\040 Jobs\040879026 Hollywood Boomerang 601 S Ocean Dr\Design\CAD\PlanSheets\DEMOLITION NOTES.dwg
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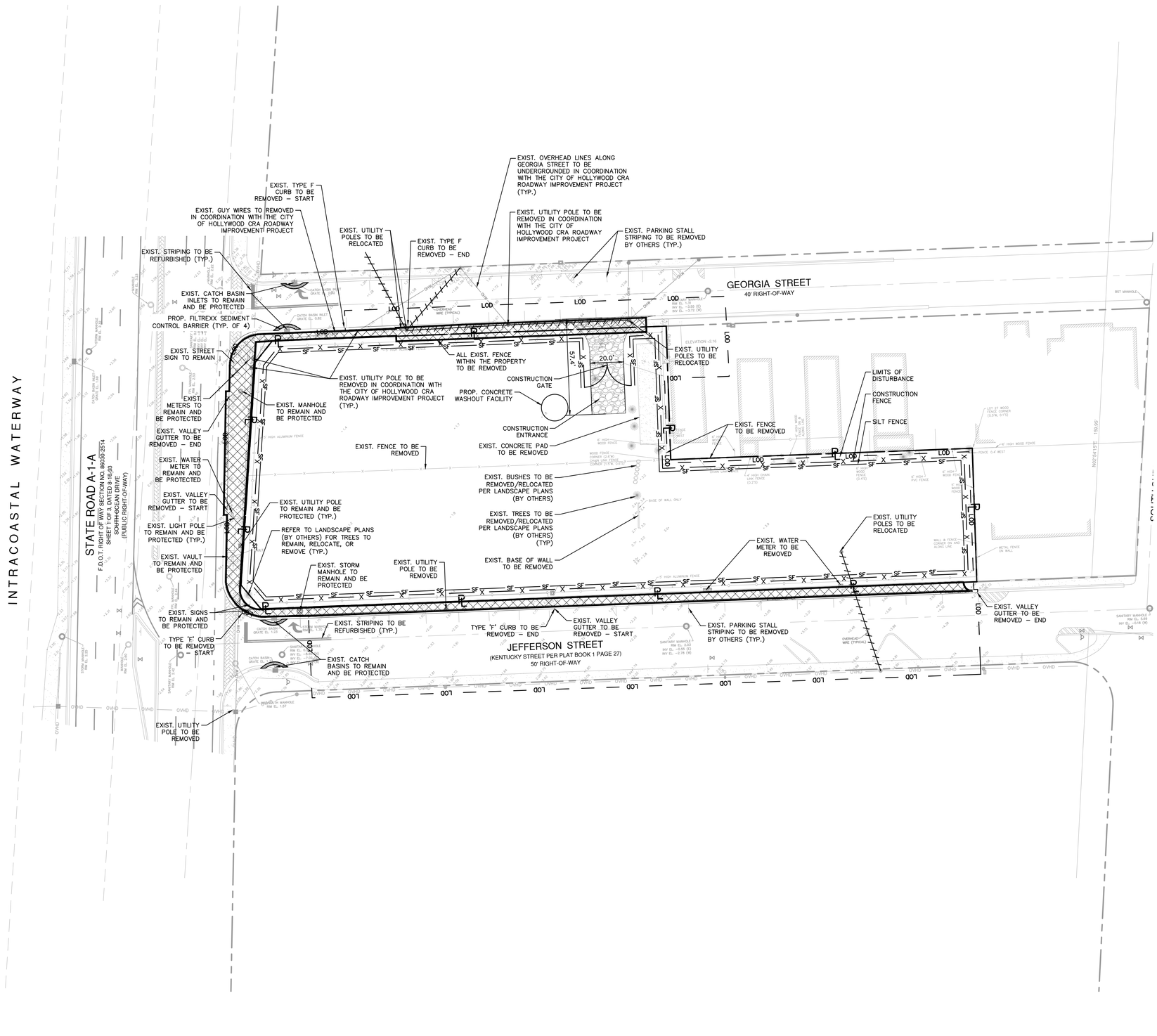

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND

- PROPERTY LINE AND/OR RIGHT-OF-WAY
- FILTREXX ® SEDIMENT CONTROL
- SILT FENCE SEDIMENT CONTROL
- 6' CHAIN LINK CONSTRUCTION FENCE WITH DUST SCREEN
- LIMIT OF DISTURBANCE
- TEMPORARY CONCRETE WASHOUT FACILITY
- APPROXIMATE FLOOD ZONE LINE
- PROP. STABALIZED CONSTRUCTION ENTRANCE
- EXIST. CATCH BASIN
- EXIST. SEWER MANHOLE
- EXIST. LIGHT POLE
- EXIST. WATER VALVE
- EXIST. CONCRETE
- UTILITY TO BE CUT AND MODIFIED
- LIMITS OF PUBLIC SIDEWALK AND ROADWAY DEMOLITION

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No.	REVISIONS	DATE	BY

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AUSTIN P. BOUCHARD ★ No 92461 ★ STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: 5/17/2024

KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
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CHECKED BY	APB

EROSION CONTROL & DEMOLITION PLAN

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-200

Sheet Set:Boomerang Residences Layout:EROSION CONTROL & DEMOLITION PLAN May 17, 2024 09:09:50am \\Kimley-horn.com\FL_FTL\FTL_Civil\040 Jobs\040879026 Hollywood Boomerang 901 S Ocean Dr\Design\CADD\PlanSheets\EROSION CONTROL & DEMOLITION PLAN.dwg
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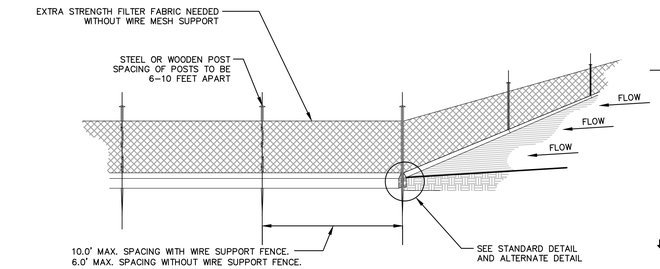
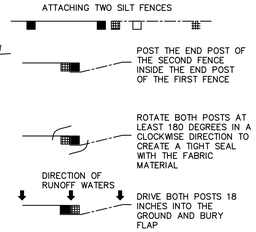
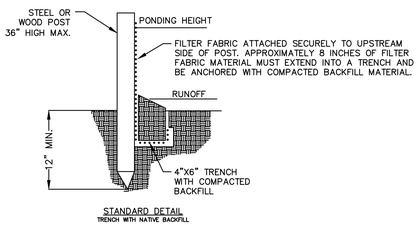
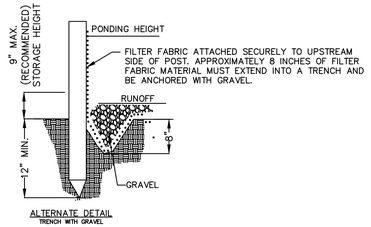




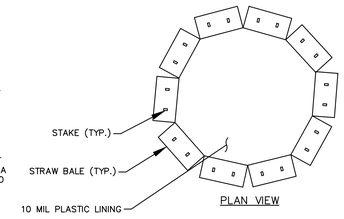


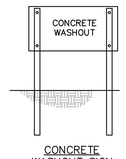


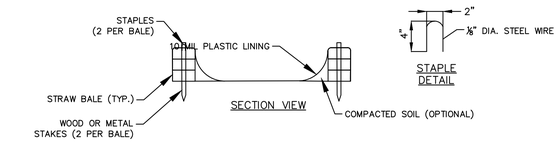
NOTES:

1. INSPECT AND REPAIR SILT FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE SEDIMENT CONTROL
N.T.S.



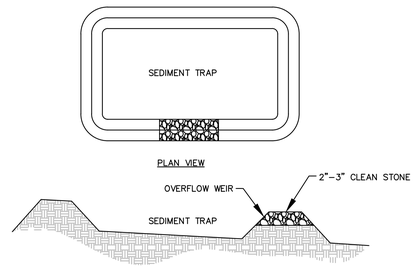




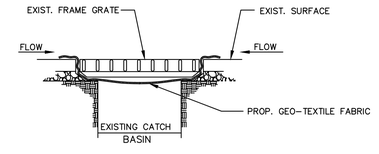
NOTES:

1. ACTUAL LAYOUT TO BE DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. WHEN TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONG REQUIRED FOR THE WORK, THE HARDENED CONCRETE SHOULD BE REMOVED AND DISPOSED OF AT AN APPROVED FACILITY.
4. PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
5. TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE MAINTAINED TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM FREEBOARD OF 4 INCHES.
6. WASHOUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUSH BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75 PERCENT FULL.
7. HOLES, DEPRESSIONS, OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITY SHALL BE BACKFILLED AND REPAIRED.

TEMPORARY CONCRETE WASHOUT FACILITY
N.T.S.



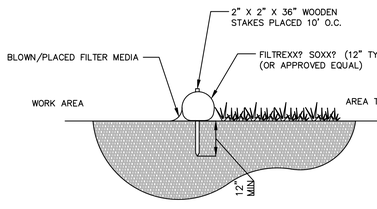
3 TRUCK WASHDOWN DETENTION AREA
N.T.S.

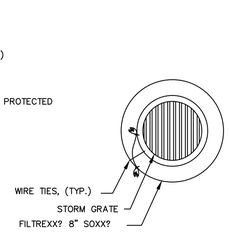


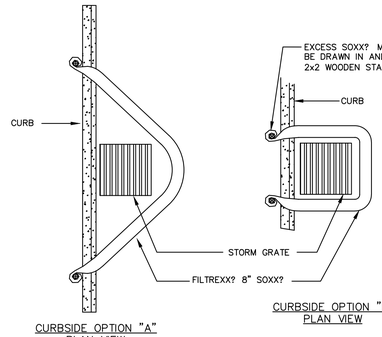
NOTES:

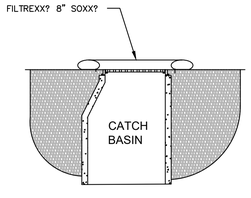
1. CONTRACTOR SHALL PERFORM DAILY INSPECTIONS OF GEO-TEXTILE FABRIC BARRIER AND AS NECESSARY REPLACE OR REPAIR AS REQUIRED. SPECIFICALLY AFTER STORM EVENTS AND LARGE RAINFALL EVENTS.
2. SEDIMENTATION AND DEBRIS THAT ARE REMOVED FROM BARRIERS SHALL BE LEGALLY DISPOSED OF AT AN AUTHORIZED OFF-SITE DISPOSAL FACILITY.

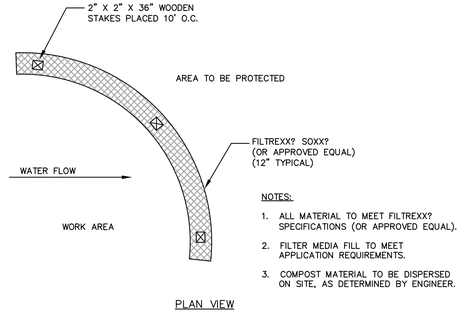
DROP INLET SEDIMENT BARRIER
N.T.S.







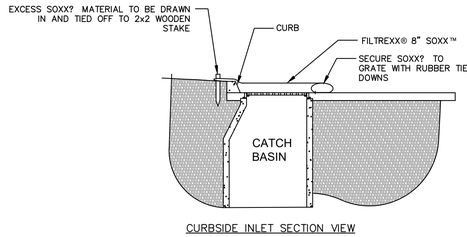




NOTES:

1. ALL MATERIAL TO MEET FILTREXX? SPECIFICATIONS (OR APPROVED EQUAL).
2. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

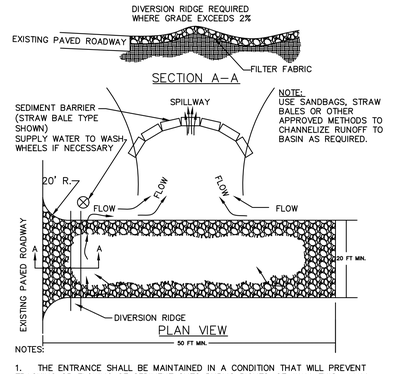
FILTREXX ® SEDIMENT CONTROL
(OR APPROVED EQUAL)
N.T.S.



NOTES:

1. ALL MATERIAL TO MEET FILTREXX? SPECIFICATIONS.
2. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

FILTREXX ® INLET PROTECTION
(OR APPROVED EQUAL)
N.T.S.



NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

No.	REVISIONS	DATE	BY

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

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AUSTIN P. BOUCHARD ★ No 82461 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER
DATE: 5/17/2024

KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

EROSION & SEDIMENT CONTROL DETAILS

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP
ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-201

Sheet Set:Boomerang Residences Layout:EROSION & SEDIMENT CONTROL DETAILS May 17, 2024 09:10:13am \\kimley-horn.com\FL_FTL\FTL_Civil\040 Jobs\040879026 Hollywood Boomerang 901 S Ocean Dr\Design\CADD\PlanSheets\EROSION & SEDIMENT CONTROL DETAILS.dwg
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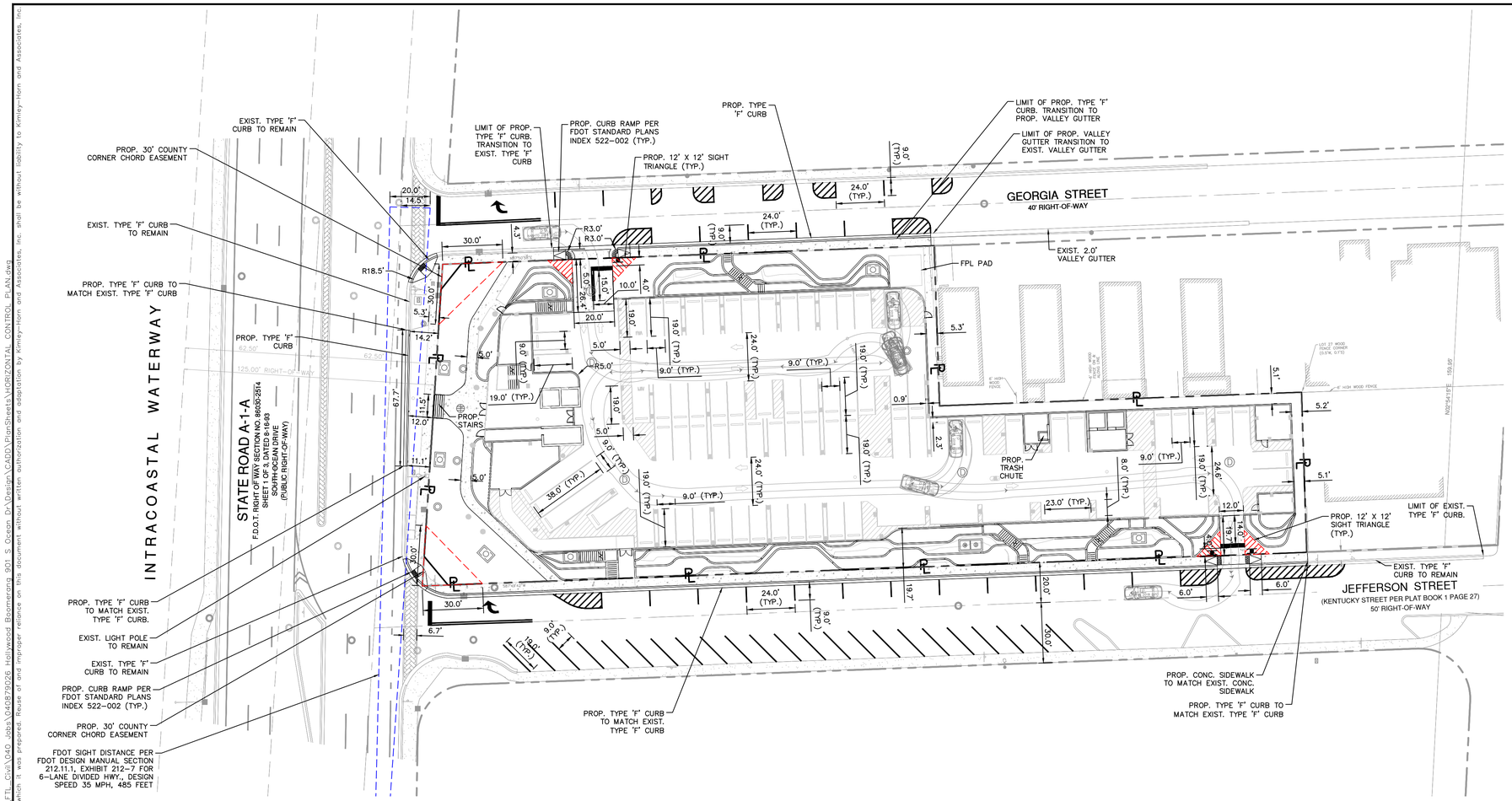
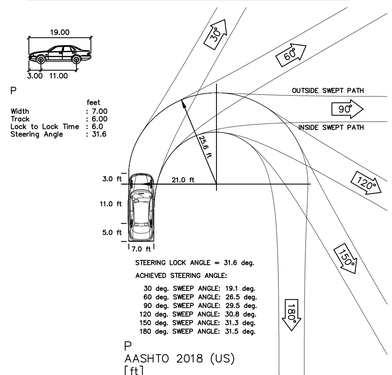


VEHICLE MOVEMENT & TURNING RADIUS



No.	REVISIONS	DATE	BY

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AUSTIN P. BOUCHARD No 92461 STATE OF FLORIDA PROFESSIONAL ENGINEER
DATE: 5/17/2024

KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

HORIZONTAL CONTROL PLAN

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-300

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Sheet Set:Boomerang Residences Layout:C-300 HORIZONTAL CONTROL PLAN May 17, 2024 09:56:00am \\kimley-horn.com\FL_FTL\FTL_Civil\040 Jobs\040879026 Hollywood Boomerang 905 S Ocean Dr\Design\CADD\PlanSheets\HORIZONTAL CONTROL PLAN.dwg
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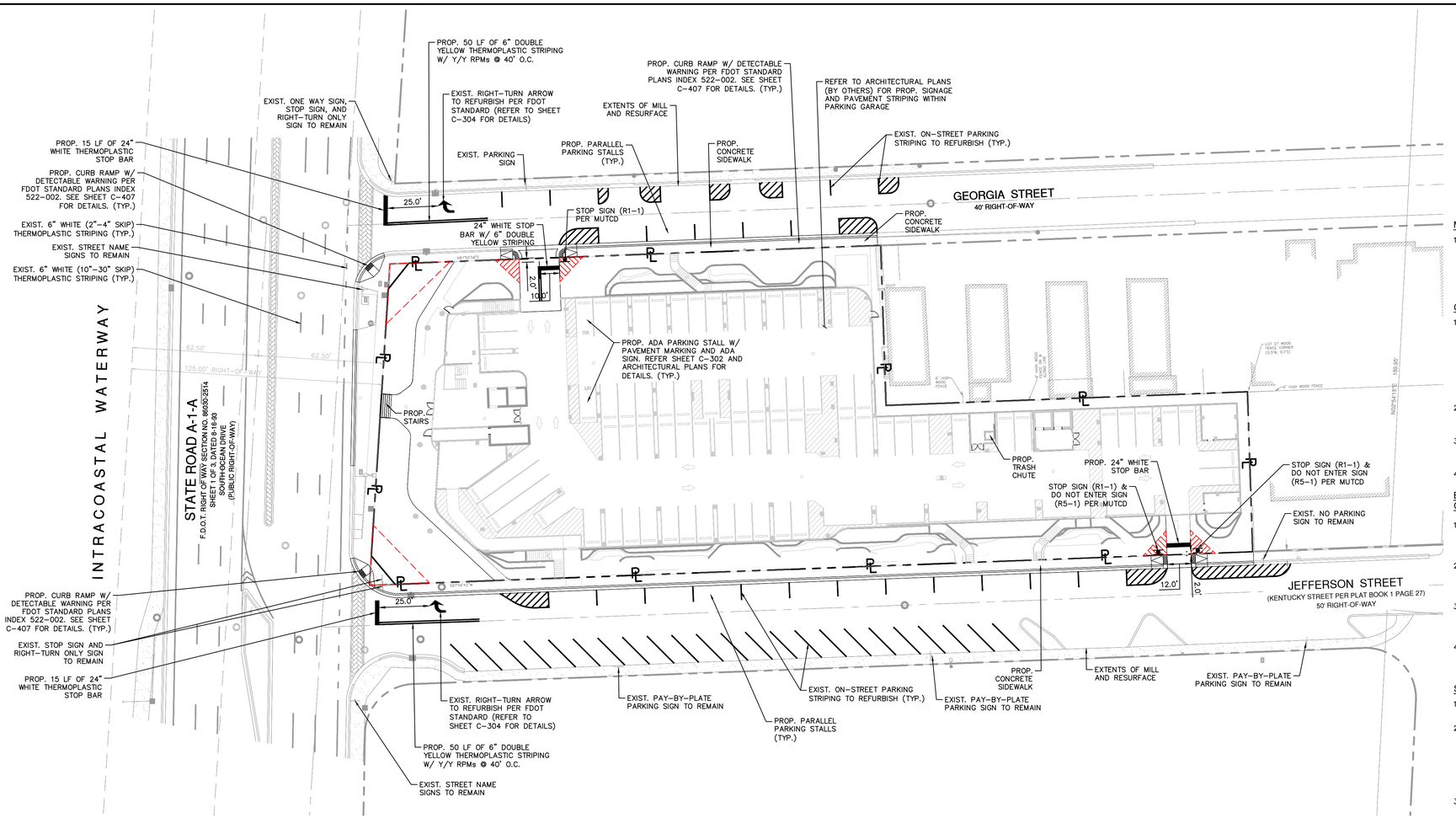

LEGEND

- PROPERTY LINE AND/OR RIGHT-OF-WAY
- BUILDING OUTLINE
- ROAD CENTERLINE
- PROP. SIGN
- EXIST. SIGN

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

MAINTENANCE OF TRAFFIC

1. THE MAINTENANCE OF TRAFFIC FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE APPLICABLE FDOT INDEX NUMBERS (600 SERIES) AND THESE DOCUMENTS; THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (U.S. DEPARTMENT OF TRANSPORTATION, FHWA) SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES, AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.PEDESTRIAN AND VEHICULAR TRAFFIC SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES.

COMMUNICATION NOTES:

1. THE AGENCY RESPONSIBLE FOR MAINTENANCE OF TRAFFIC SIGNALS AND RELATED EQUIPMENT IS BROWARD COUNTY TRAFFIC ENGINEERING DIVISION (BCTED). ALL SYSTEM COMMUNICATIONS EQUIPMENT, CABLING, AND RELATED MATERIAL SHALL COMPLY WITH BROWARD COUNTY'S LATEST EDITION OF MINIMUM STANDARDS AS EXPRESSED IN THE "STANDARDS AND SPECIFICATIONS– COMMUNICATION INFRASTRUCTURE" DOCUMENT. PLEASE REFER TO (BCTED'S) COMMUNICATIONS POLICIES AND PROCEDURES FOR ADDITIONAL INFORMATION. BROWARD COUNTY ENGINEERING DIVISION WILL NOT ACCEPT ANY PROJECTS THAT DO NOT MEET THESE STANDARDS AND SPECIFICATIONS. IF FIBER OPTIC PULL BOXES ALREADY EXIST AT AN INTERSECTION, NO ADDITIONAL FIBER OPTIC PULL BOXES WILL NEED TO BE INSTALLED. FOR A COPY OF THESE STANDARDS REFER TO THE BROWARD COUNTY WEBSITE AT WWW.BROWARD.ORG/TRAFFIC UNDER PUBLICATIONS.
2. IF THERE ARE COPPER INTERCONNECT CABLE/S WITHIN YOUR PROJECT LIMITS OR WITHIN 1500 FEET OF YOUR PROJECT LIMITS CONTACT THE TRAFFIC SIGNAL TECHNICIAN III AT @TECOMMUNICATIONS@BROWARD.ORG OR 954-847-2761.
3. IF THERE ARE FIBER OPTIC CABLE/S WITHIN YOUR PROJECT LIMITS OR WITHIN 1500 FEET OF YOUR PROJECT LIMITS CONTACT THE COMMUNICATIONS MANAGER AT TECOMMUNICATIONS@BROWARD.ORG OR 954-357-8242.
4. ALL BCTED COMMUNICATIONS CABLE/CONDUIT SHALL BE LOCATED A MINIMUM OF 48 HOURS IN ADVANCE.

BROWARD COUNTY TRAFFIC ENGINEERING DIVISION PROCEDURE FOR NOTIFICATION OF COMMUNICATION DISRUPTION

1. COPPER INTERCONNECT CABLE NOTIFICATION CONTACT PERSON: WHEN COMMUNICATIONS TO AN INTERSECTION MUST BE DISRUPTED BY A CONTRACTOR TO PERFORM WORK, THE CONTRACTOR SHALL PROVIDE TWO DAY ADVANCE NOTICE IN WRITING TO BROWARD COUNTY TRAFFIC ENGINEERING DIVISION. THIS NOTIFICATION SHALL BE CONVEYED VIA ELECTRONIC.
2. MAIL (EMAIL) TO THE TRAFFIC SIGNAL TECHNICIAN III AT TECOMMUNICATIONS@BROWARD.ORG. NOTIFICATION SHALL INCLUDE CONTACT PERSON, TELEPHONE NUMBER, PURPOSE, LOCATION AND DURATION. THE DISRUPTION SHALL LAST NO MORE THAN 3 CONSECUTIVE BUSINESS DAYS. WHERE POSSIBLE, THE DISRUPTION SHALL BE DURING OFF PEAK HOURS BEGINNING A 9:00 AM AND ENDING AT 3:00 PM.
3. FIBER OPTIC CABLE NOTIFICATION CONTACT PERSON: WHEN COMMUNICATIONS TO AN INTERSECTION MUST BE DISRUPTED BY A CONTRACTOR TO PERFORM WORK, THE CONTRACTOR SHALL PROVIDE TWO DAY ADVANCE NOTICE IN WRITING TO BROWARD COUNTY TRAFFIC ENGINEERING DIVISION. THIS NOTIFICATION SHALL BE CONVEYED VIA ELECTRONIC.
4. MAIL (EMAIL)TO THE COMMUNICATIONS MANAGER AT TECOMMUNICATIONS@BROWARD.ORG. NOTIFICATION SHALL INCLUDE CONTACT PERSON, TELEPHONE NUMBER, PURPOSE, LOCATION AND DURATION. THE DISRUPTION SHALL LAST NO MORE THAN 3 CONSECUTIVE BUSINESS DAYS. WHERE POSSIBLE, THE DISRUPTION SHALL BE DURING OFF PEAK HOURS BEGINNING A 9:00 AM AND ENDING AT 3:00 PM.

SIGNING AND MARKING NOTES :

1. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH FDOT STANDARD INDEX # 711-001, WHERE SHOWN ON THE PLANS.
2. WHERE THE PLANS CALL FOR PAINTED PAVEMENT MARKINGS, INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 710 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE FOLLOWING: CONTRACTOR TO APPLY TWO COATS OF VOC COMPLIANT, LOCAL DOT APPROVED, UNDILUTED, SOLVENT BASED OR LATEX TRAFFIC PAINT. CONTRACTOR TO FOLLOW MANUFACTURER'S RECOMMENDED APPLICATION RATE WITHOUT THE ADDITION OF A THINNER, WITH A MAXIMUM OF 100 SQUARE FEET PER GALLON OR AS REQUIRED PROVIDING MINIMUM 15 MILS WET FILM THICKNESS AND 7.5 MILS DRY FILM THICKNESS PER COAT. PAINT SHALL BE CRISP, STRAIGHT AND APPLIED UNIFORMLY ACROSS THE WIDTH OF A LINE FOR A TOTAL DRY FILM THICKNESS OF 15 MILS.
3. ALL PAVEMENT SYMBOLS AND MARKINGS ARE TO BE THERMOPLASTIC WITH THE EXCEPTION OF PARKING STRIPING. THERMOPLASTIC INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 711 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. ONE BI-DIRECTIONAL AMBER/AMBER REFLECTIVE MARKER SHALL BE PROVIDED AT 40' INTERVALS ON EACH SIDE OF DOUBLE YELLOW STRIPES.
5. BI-DIRECTIONAL COLORLESS/RED REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 20' INTERVALS ALONG SOLID WHITE LINES (NOT ON EDGE OF PAVEMENT OR BIKE LANE LINES).
6. BI-DIRECTIONAL AMBER/AMBER REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 1' INTERVALS AT ALL BULLNOSES.
7. PLACEMENT OF ALL REFLECTIVE PAVEMENT MARKERS SHALL CONFORM TO THE BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS (LATEST REVISED).
8. ALL SIGNS SHALL BE HIGH INTENSITY.
9. ALL SIGNING AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS (LATEST REVISED).
10. THE PUBLIC ROADWAYS INDICATED IN THESE PLANS HAVE BEEN DESIGNED SUBSTANTIALLY IN ACCORDANCE WITH "THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS–STATE OF FLORIDA".
11. ANY LIP FROM ¼" BUT NOT GREATER THAN ½" WILL BE BEVELED TO MEET ADA REQUIREMENTS.
12. ALL TRAFFIC CONTROL DEVICES MAINTAINED BY BROWARD COUNTY, THAT ARE REMOVED OR DAMAGED BY CONSTRUCTION, SHALL BE REPLACED BY CONTRACTOR USING CURRENT BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS.
13. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION'S REVIEW DOES NOT INCLUDE A REVIEW AND ACCEPTANCE OF THE PROJECT'S DESIGN OR OPERATION. THESE ITEMS ARE TO BE REVIEWED AND APPROVED BY THE CITY ENGINEER.
14. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION DOES NOT APPROVE OR INSPECT AND ACCEPT THE FOLLOWING ITEMS FOR MAINTENANCE: PAVEMENT MARKINGS ON OR ADJACENT TO PAVER BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVER BRICKS, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED MID-BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, PAINTED/DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLINKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN-ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK OR ASPHALT WORK.
15. THE CITY ENGINEER IS RESPONSIBLE FOR THE REVIEW AND APPROVAL OF THE DESIGN AND OPERATION OF THE PROJECT, AND FOR THE INSPECTION AND ACCEPTANCE OF THE FOLLOWING ITEMS THAT WILL BE MAINTAINED BY THE CITY: PAVEMENT MARKINGS ON OR ADJACENT TO PAVER BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVER BRICKS, PAVEMENT MARKINGS ON OR ADJACENT TO PAINTED ASPHALT, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED MID-BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, PAINTED/DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLINKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN-ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK AND ASPHALT WORK.

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No.	REVISIONS	DATE	BY

Kimley»Horn

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AUSTIN P. BOUCHARD No 82461 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: 5/17/2024

KHA PROJECT 040879026
DATE 5/17/2024
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY APB

PAVEMENT MARKING & SIGNAGE PLAN

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-301

Sheet Set:Boomerang Residences Layout:C-301 PAVEMENT MARKING & SIGNAGE PLAN May 17, 2024 09:10:33am \\kimley-horn.com\FL_FTL\FTL_Civil\040_Jobs\040879026 Hollywood Boomerang 901 S Ocean Dr\Design\CAD\PlanSheets\PAVEMENT MARKING & SIGNAGE PLAN.dwg
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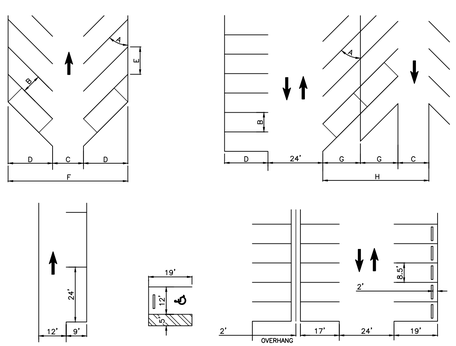
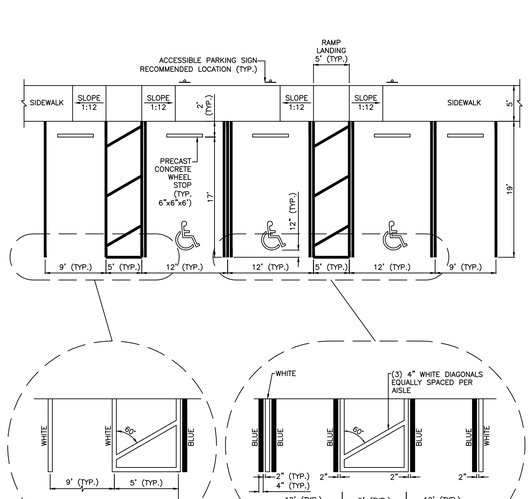


A PARKING ANGLE	B STALL WIDTH	C AISLE WIDTH	D STALL LENGTH	E CURB DEPTH	F OVERALL LENGTH	G BACK TO BACK STALL LENGTH	H OVERALL BACK TO BACK LENGTH
30°	8.5'	12'	16.9'	17'	45.8'	13.2'	38.4'
30°	9'	12'	17.3'	18'	46.6'	13.4'	38.8'
45°	8.5'	13.5'	19.5'	12'	52.4'	16.4'	46.4'
45°	9'	13.5'	19.8'	12.75'	53.1'	16.6'	46.7'
60°	8.5'	18.5'	20.7'	9.8'	59.9'	18.6'	55.7'
60°	9'	18.5'	21'	10.4'	60.5'	18.7'	55.9'
90°	8.5'	24'	19'	9'	62'	19'	62'
90°	9'	24'	19'	9'	62'	19'	62'

STANDARD STALL IS 8.5' x 19', PREFERRED IS 9' x 19'.
ACCESSIBLE SPACE IS 12' x 19', WITH 5' ACCESS AISLE CLEARLY MARKED.
PARALLEL PARKING IS 9' x 24'.
LANDSCAPE ISLANDS ARE FOR TREE PLANTING, NOT FOR LIGHT POLES.
DRIVEWAY WIDTH AT PROPERTY LINE IS NOT TO EXCEED AISLE WIDTH.

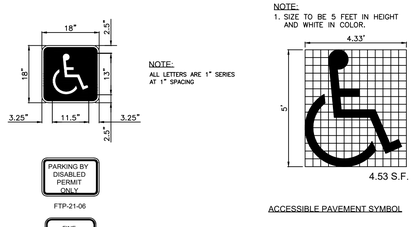
ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: –
DRAWN: EG	STANDARD PARKING GEOMETRICS	DRAWING NO.: C-16
APPROVED: JG		

ACCESSIBLE PARKING SPACE COMPLYING WITH FLORIDA AND ADA REQUIREMENTS (*)



(*) IN CASE OF CONFLICT PLANS TO COMPLY WITH ADA 406 & 502, AND FDOT 711-001 (SHEET 11)

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: –
DRAWN: EG	ACCESSIBLE PARKING SPACE DETAILS (1 OF 2)	DRAWING NO.: C-21
APPROVED: JG		



NOTE:
ALL LETTERS ARE 1" SERIES AT 1" SPACING

NOTE:
1. SIZE TO BE 5 FEET IN HEIGHT AND WHITE IN COLOR.

ACCESSIBLE PAVEMENT SYMBOL

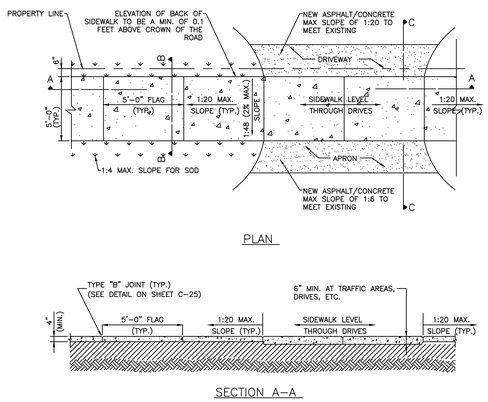
SIGNAGE NOTES:

1. FTP-21-06 & FTP-22-06 SIGN SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 700-102.
2. SIGN POST SHALL BE IN ACCORDANCE WITH BROWARD COUNTY TRAFFIC ENGINEERING DIVISION "GROUND SIGN ASSEMBLY DETAILS", LATEST REVISION.

NOTES:

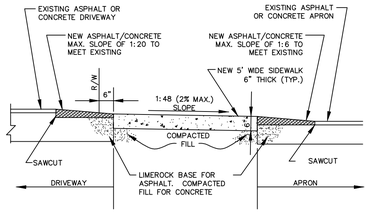
1. PROVIDE PAVEMENT SYMBOL IN ACCESSIBLE PARKING SPACES. THE SYMBOL SHALL BE WHITE IN COLOR PER ADA STANDARDS.
2. BLUE MARKINGS SHALL BE SHADED.
3. SLOPES NO GREATER THAN 1:48 SHALL BE PERMITTED IN ALL DIRECTIONS FOR BOTH THE ACCESSIBLE PARKING SPACE AND ACCESSIBLE PARKING ACCESS AISLE.
4. ALL RAMPS, SIDEWALK, CURB RAMPS, AND ACCESSIBLE ROUTES SHALL BE ADA COMPLIANT.
5. WIDTH MEASUREMENTS OF PARKING SPACES AND ACCESS AISLES SHALL BE MADE FROM THE CENTERLINE OF THE WHITE PAVEMENT MARKINGS. HOWEVER, WHEN PARKING SPACES OR ACCESS AISLES ARE ADJACENT TO A CURB OR EDGE OF PAVEMENT AND NOT ADJACENT TO ANOTHER PARKING SPACE OR ACCESS AISLE; THEN THE WIDTH MEASUREMENTS MAY INCLUDE THE FULL WIDTH OF THE LAST PAVEMENT MARKING.
6. ALL ACCESSIBLE ELEMENTS SHALL BE COMPLIANT WITH THE DEPARTMENT OF JUSTICE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND THE FLORIDA BUILDING CODE LATEST EDITION FOR "ACCESSIBILITY".
7. ALL PARKING PAVEMENT MARKINGS SHALL BE 4" REFLECTORIZED PAINT MEETING FDOT/BCTED STANDARDS.
8. ACCESSIBLE PARKING SIGNS SHALL BE 60" MINIMUM ABOVE FINISH FLOOR OR GROUND SURFACE MEASURED FROM BOTTOM OF THE SIGN.

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: –
DRAWN: EG	ACCESSIBLE PARKING SPACE DETAILS (2 OF 2)	DRAWING NO.: C-22
APPROVED: JG		



NOTE:
1. ALL SIDEWALK CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE ADA STANDARDS.
2. LIGHT BROOM FINISH PERPENDICULAR TO THE DIRECTION OF THE SIDEWALK.
3. ALL SIDEWALKS CROSS SLOPES SHALL BE 1:48 (2% MAX.); AND, RUNNING SLOPES 1:20 MAX.

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: –
DRAWN: EG	SIDEWALK CONSTRUCTION DETAILS (1 OF 3)	DRAWING NO.: C-23
APPROVED: JG		



ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: –
DRAWN: EG	SIDEWALK CONSTRUCTION DETAILS (2 OF 3)	DRAWING NO.: C-24
APPROVED: JG		

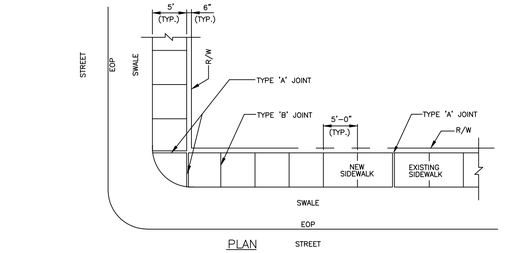


TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
'A'	P.C. & P.T. OF CURVES; JUNCTION OF EXISTING AND NEW SIDEWALKS; WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES.
'B'	5' CENTER TO CENTER ON SIDEWALKS.

NOTES:

1. CONCRETE SHALL BE CLASS 1 WITH MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
2. USE OF FIBER REINFORCED CEMENT IS PROHIBITED.
3. SIDEWALK LONGITUDINAL AND CROSS SLOPES SHALL MEET ADA STANDARDS.
4. SIDEWALK CURB RAMPS SHALL BE PROVIDED AT ALL DESIGNATED PEDESTRIAN CROSSING AT INTERSECTIONS PER FDOT STANDARD PLANS INDEX NO. 522-002.
5. THE VERTICAL DEVIATION OF THE COVER/LID OF A GIVEN UTILITY BOX/STRUCTURE SHALL NOT BE MORE THAN A ¼" DIFFERENCE IN HEIGHT/ELEVATION OF THE FINISHED SIDEWALK SURFACE.
6. 4" THICK MINIMUM (TYP.); 6" THICK AT DRIVEWAYS, EXTENDED TWO FEET ON BOTH SIDES BEYOND THE DRIVE.

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: –
DRAWN: EG	SIDEWALK CONSTRUCTION DETAILS (3 OF 3)	DRAWING NO.: C-25
APPROVED: JG		

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No.	REVISIONS	DATE	BY

Kimley»Horn

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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
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WWW.KIMLEY-HORN.COM REGISTRY No. 35106

DATE: 5/17/2024
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KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

HORIZONTAL CONTROL DETAILS

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-302

Sheet Set:Boomerang Residences Layout:C-302 HORIZONTAL CONTROL DETAILS May 17, 2024 09:11:00am \\kimley-horn.com\FTL_FTL1\FTL_Civil\040 Jobs\040879026 Hollywood Boomerang 901 S Ocean Dr\Design\CADD\PlanSheets\PAVEMENT, MARKING & SIGNAGE DETAILS.dwg
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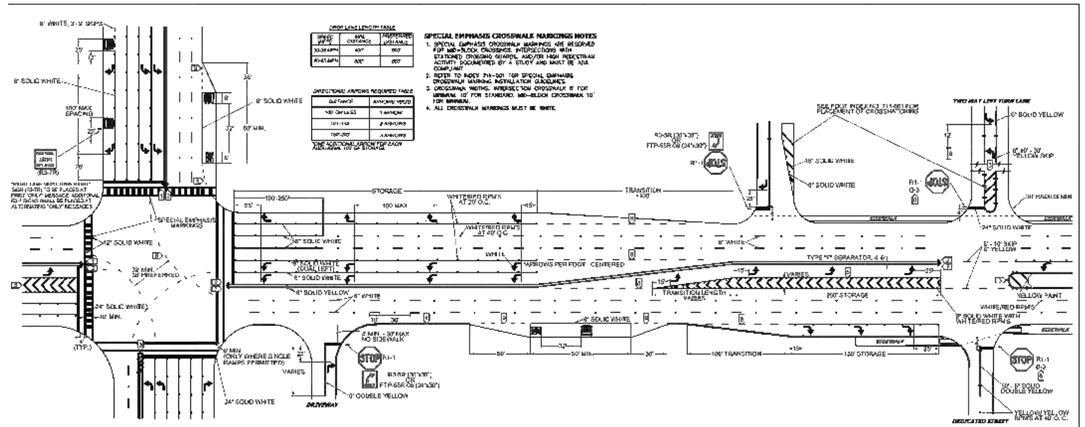


CROSS LANE LENGTH TABLE

SPEED (MPH)	MIN. DISTANCE	RECOMMENDED LENGTH
30-34 MPH	400'	600'
35-39 MPH	500'	600'

DIRECTIONAL ARROWS REQUIRED TABLE

CLEAR SPACE	ARROWS REQD
100'-249'-99"	1 ARROW
250'-749'-99"	2 ARROWS
750'-999'	3 ARROWS

ONE ADDITIONAL ARROW PER EACH ADDITIONAL 100' OF STORAGE

SPECIAL EMPHASIS CROSSWALK MARKINGS NOTES

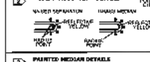
1. SPECIAL EMPHASIS CROSSWALK MARKINGS ARE REQUIRED FOR MID-BLOCK CROSSINGS, INTERSECTIONS WITH STATIONED CROSSING GUARDS, AND/OR HIGH PEDESTRIAN ACTIVITY DOCUMENTED BY A STUDY AND MUST BE ADA COMPLIANT.
2. REFER TO INDEX 711-001 FOR SPECIAL EMPHASIS CROSSWALK MARKING INSTALLATION GUIDANCE.
3. CROSSWALK WIDTHS: INTERSECTION CROSSWALK IS FOR MINIMUM 10' FOR STANDARD MID-BLOCK CROSSWALK 15' FOR SCHOOL.
4. ALL CROSSWALK MARKINGS MUST BE WHITE.

NOTES

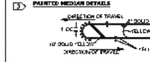
1. ALL PAVEMENT MARKINGS SHALL BE ALKYD BASED THERMOPLASTIC AND FULLY RETROREFLECTORIZED.
2. ALL PAVEMENT MARKINGS OF PAVER SYSTEMS SHALL BE 3M 380/381 SERIES TAPE OR EQUIVALENT AND APPLIED WITH PRO ADHESIVE AS PER MANUFACTURER'S SPECIFICATIONS.
3. ALL PAVEMENT MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", DUTED STANDARDS, AND FDOT DESIGN STANDARDS.
4. SEE FDOT INDEX NO 706-001 FOR PLACEMENT OF RPM'S STOP MILLINGS RPM TREATMENT, SEE LEGEND NO. 11
5. RPM'S SHALL BE CLASS "B" OR EQUIVALENT, APPLIED WITH EPOXY OR BITUMINOUS ADHESIVE.
6. FDOT APPROVED SEALER SHALL BE USED WHEN APPLYING MARKINGS ON CONCRETE
7. FOR BIKE LANE DETAILS SEE FDOT INDEX NO 711-002.
8. EXISTING MARKINGS SHALL BE REMOVED BY WATER BLASTING OR SAND BLASTING
9. ALL STOP LINES TO BE 4' BEHIND CROSSWALK OR SIDEWALK.
10. PAVEMENT MARKING RETROREFLECTIVITY SHALL BE UNIFORM ACROSS THE ENTIRE STRIPE AND SHALL HAVE A MINIMUM RETROREFLECTIVITY READING OF 250 MILLICANDELAS FOR WHITE AND 175 MILLICANDELAS FOR YELLOW.
11. ALL PRODUCTS MUST BE ON FDOT'S APPROVED PRODUCTS LIST (APL).
12. RPMS SHALL NOT BE INSTALLED ADJACENT TO BIKE LANES.
13. LONGITUDINAL CROSSWALK MARKINGS SHALL BE INSTALLED AT ALL CROSS STREET'S ON COUNTY ROADS THAT ARE FOUR LANES OR GREATER

LEGEND

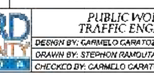
YELLOW/YELLOW RPM DETAILS



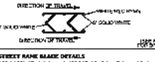
MEDIAN NOSE PAINT DETAILS



PAINTED MEDIAN DETAILS



6" EDGE LINE DETAILS

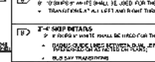


CHEVRON DETAILS - CROSSWALK AREAS AND IN FRONT OF CURB RAMPS

STREET NAME BLADE DETAILS

SEE NOTES STOP SIGN AND STREET IDENTIFICATION ASSEMBLY TYPICAL DETAILS.

TYPE IV SEPARATOR DETAILS



6"-24" SKIP DETAILS

1. 6" SKIP = 3'-0" (THIS IS USED FOR THE FOLLOWING CONDITIONS
   - TRANSITIONS 4" AS LEFT AND RIGHT TURN LANES
2. 8" SKIP = 4'-0"

2'-4" SKIP DETAILS

1. 8" SKIP = 4'-0" (THIS IS USED FOR THE FOLLOWING CONDITIONS
   - RAISED ISLAND LANE DIVIDERS IN ALL ARTS "LEFT TURN MOVEMENT 90° RADIUS
   - 90° SAY TRANSITION RADIUS
2. 24" SKIP = 8'-0" (THIS IS USED FOR THE FOLLOWING CONDITIONS
   - MAIN TRANSITION LANE DIVIDERS

STOP SIGN SIDE ROAD

WHERE SIDE ROADS INTERSECT A MAJOR LANE, STREET OR HIGHWAY THAT HAS A SPEED LIMIT OF 40 MPH OR HIGHER, THE MINIMUM SIZE OF THE STOP SIGNS FACING THE SIDE ROAD SHALL BE 36"x36". EVEN IF THE SIDE ROAD ONLY HAS ONE APPROACH LANE, SHALL BE 36"x36".

WHERE SIDE ROADS INTERSECT A MAJOR LANE (INCLUDING TURN LANES) SIMILAR OR HIGHER THAT HAS A SPEED LIMIT OF 40 MPH OR LOWER, THE MINIMUM SIZE OF THE STOP SIGN FACING THE SIDE ROAD APPROACHES SHALL BE 24"x30".

REVISIONS	
DATE	DESCRIPTION
11-24-2020	UPDATED NOTES
04.14.2021	UPDATED NOTES
05-06-2022	UPDATED NOTES

BROWARD COUNTY FLORIDA

PUBLIC WORKS DEPARTMENT
TRAFFIC ENGINEERING DIVISION

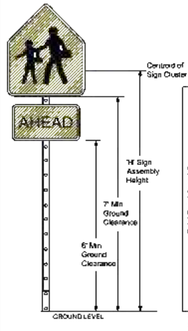
DESIGN BY: CARMELO CARATOZZOLO, P.E	SCALE: NTS
DRAWN BY: STEPHON RAMOUTAR	
CHECKED BY: CARMELO CARATOZZOLO, P.E.	

PAVEMENT MARKINGS AND SIGNS DETAILS

SHEET NO. 1 OF 1

GUIDE TO USE THIS STANDARD:

1. Calculate the Total Panel Area and the centroid 'C' for an individual sign or a sign cluster.
2. Determine the height 'H' from the groundline for the individual sign or the cluster.
3. Consult the Post Size Table and find the intersection point.
4. Design the post and the foundation according to the required Post Size and Assembly Details.



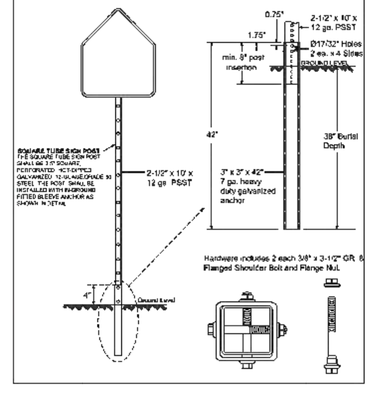
Post Size Table

Total Panel Area (sf)	'H' Sign Assembly Height (H) (measure from ground) 8	8.5	9	9.5	10
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20+					

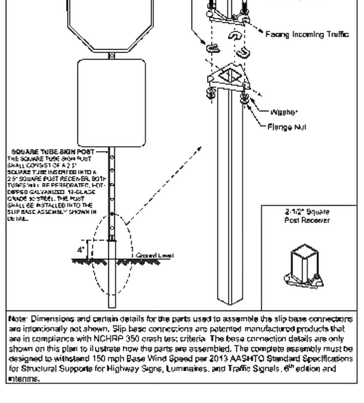
Sign Post with 3" x 7 ga. Square Anchor
Two Post Installation Required
Sign Post with Triangular Slip Base Assembly
Two Post Installation Required
with Triangular Slip Base

*REGARDLESS OF POST SIZE TABLE: IF A SIGN PANEL IS GREATER THAN 10 FOOT CENTERLINE FROM 7 FEET IN LENGTH, A "TWO POST INSTALLATION IS REQUIRED WITH A TRIANGULAR SLIP BASE

Sign Post with 3" x 7 ga. Square Anchor



Sign Post with Triangular Slip Base



Note: Dimensions and certain details for the parts used to assemble the slip base connections are intentionally not shown. Slip base connections are patented manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are only shown on this plan to illustrate how the parts are assembled. The complete assembly must be designed to withstand 150 mph Base Wind Speed per 2013 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th edition and interims.

REVISIONS	
DATE	DESCRIPTION
03-21-2017	UPDATED POST SIZE
11-24-2020	ADDED POST SIZE NOTE
02-05-2021	UPDATED POST BASE HEIGHT

BROWARD COUNTY FLORIDA

PUBLIC WORKS DEPARTMENT
TRAFFIC ENGINEERING DIVISION

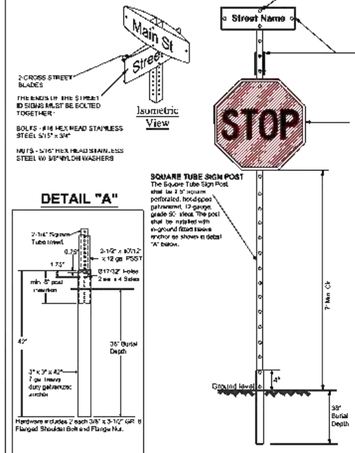
DESIGN BY: WES DANJOU, P.E	SCALE: NTS
DRAWN BY: STEPHON RAMOUTAR	
CHECKED BY: ANDREW SEBO, P.E., PTOE	

GROUND SIGN ASSEMBLY DETAILS

SHEET NO. 1 OF 1

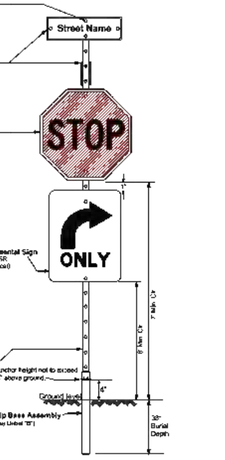
FOR SIGN ASSEMBLIES WITH MAXIMUM 8.75 SQUARE FOOT PANEL AREA

Typical Details



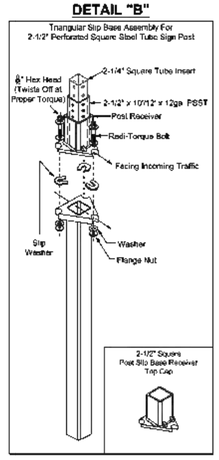
FOR SIGN ASSEMBLIES WITH GREATER THAN 8.75 SQUARE FOOT PANEL AREA WITH SUPPLEMENTAL SIGN

Typical Details



Notes.
1. Dimensions and certain details for the parts used to assemble the slip base connections are intentionally not shown. Slip base connections are patented manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are only shown on this plan to illustrate how the parts are assembled. The complete assembly must be designed to withstand 150 mph Base Wind Speed per 2013 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th edition and interims
2. For standard ground sign installation, see detail entitled " Ground Sign Assembly Details".

DETAIL "B"



REVISIONS	
DATE	DESCRIPTION
02-28-2020	ADDED ISOMETRIC VIEW
02-05-2021	UPDATED POST BASE HEIGHT
06-22-2023	UPDATED SIGN POST NOTES

BROWARD COUNTY FLORIDA

PUBLIC WORKS DEPARTMENT
TRAFFIC ENGINEERING DIVISION

DESIGN BY: CARMELO CARATOZZOLO, P.E.	SCALE: NTS
DRAWN BY: STEPHON RAMOUTAR	
CHECKED BY: CARMELO CARATOZZOLO, P.E.	

STOP SIGN AND STREET IDENTIFICATION ASSEMBLY TYPICAL DETAILS

SHEET NO. 1 OF 1

MAINTENANCE OF TRAFFIC

1. THE MAINTENANCE OF TRAFFIC FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE APPLICABLE FDOT INDEX NUMBERS (600 SERIES) AND THESE DOCUMENTS; THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (U.S. DEPARTMENT OF TRANSPORTATION, FHWA) SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES, AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.PEDESTRIAN AND VEHICULAR TRAFFIC SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES.

COMMUNICATION NOTES:

1. THE AGENCY RESPONSIBLE FOR MAINTENANCE OF TRAFFIC SIGNALS AND RELATED EQUIPMENT IS BROWARD COUNTY TRAFFIC ENGINEERING DIVISION (BCTED). ALL SYSTEM COMMUNICATIONS EQUIPMENT, CABLING, AND RELATED MATERIAL SHALL COMPLY WITH BROWARD COUNTY'S LATEST EDITION OF MINIMUM STANDARDS AS EXPRESSED IN THE "STANDARDS AND SPECIFICATIONS"– COMMUNICATION INFRASTRUCTURE" DOCUMENT. PLEASE REFER TO (BCTED'S) COMMUNICATIONS POLICIES AND PROCEDURES FOR ADDITIONAL INFORMATION. BROWARD COUNTY ENGINEERING DIVISION WILL NOT ACCEPT ANY PROJECTS THAT DO NOT MEET THESE STANDARDS AND SPECIFICATIONS. IF FIBER OPTIC PULL BOXES ALREADY EXIST AT AN INTERSECTION, NO ADDITIONAL FIBER OPTIC PULL BOXES WILL NEED TO BE INSTALLED. FOR A COPY OF THESE STANDARDS REFER TO THE BROWARD COUNTY WEBSITE AT WWW.BROWARD.ORG/TRAFFIC UNDER PUBLICATIONS.
2. IF THERE ARE COPPER INTERCONNECT CABLE/S WITHIN YOUR PROJECT LIMITS OR WITHIN 1500 FEET OF YOUR PROJECT LIMITS CONTACT THE TRAFFIC SIGNAL TECHNICIAN III AT @TECOMMUNICATIONS@BROWARD.ORG OR 954–847–2761.
3. IF THERE ARE FIBER OPTIC CABLE/S WITHIN YOUR PROJECT LIMITS OR WITHIN 1500 FEET OF YOUR PROJECT LIMITS CONTACT THE COMMUNICATIONS MANAGER AT TECOMMUNICATIONS@BROWARD.ORG OR 954–357–8242.
4. ALL BCTED COMMUNICATIONS CABLE/CONDUIT SHALL BE LOCATED A MINIMUM OF 48 HOURS IN ADVANCE.

BROWARD COUNTY TRAFFIC ENGINEERING DIVISION PROCEDURE FOR NOTIFICATION OF COMMUNICATION DISRUPTION

1. COPPER INTERCONNECT CABLE NOTIFICATION CONTACT PERSON: WHEN COMMUNICATIONS TO AN INTERSECTION MUST BE DISRUPTED BY A CONTRACTOR TO PERFORM WORK, THE CONTRACTOR SHALL PROVIDE TWO DAY ADVANCE NOTICE IN WRITING TO BROWARD COUNTY TRAFFIC ENGINEERING DIVISION. THIS NOTIFICATION SHALL BE CONVEYED VIA ELECTRONIC.
2. MAIL (EMAIL) TO THE TRAFFIC SIGNAL TECHNICIAN III AT TECOMMUNICATIONS@BROWARD.ORG, NOTIFICATION SHALL INCLUDE CONTACT PERSON, TELEPHONE NUMBER, PURPOSE, LOCATION AND DURATION. THE DISRUPTION SHALL LAST NO MORE THAN 3 CONSECUTIVE BUSINESS DAYS. WHERE POSSIBLE, THE DISRUPTION SHALL BE DURING OFF PEAK HOURS BEGINNING A 9:00 AM AND ENDING AT 3:00 PM.
3. FIBER OPTIC CABLE NOTIFICATION CONTACT PERSON: WHEN COMMUNICATIONS TO AN INTERSECTION MUST BE DISRUPTED BY A CONTRACTOR TO PERFORM WORK, THE CONTRACTOR SHALL PROVIDE TWO DAY ADVANCE NOTICE IN WRITING TO BROWARD COUNTY TRAFFIC ENGINEERING DIVISION. THIS NOTIFICATION SHALL BE CONVEYED VIA ELECTRONIC.
4. MAIL (EMAIL)TO THE COMMUNICATIONS MANAGER AT TECOMMUNICATIONS@BROWARD.ORG, NOTIFICATION SHALL INCLUDE CONTACT PERSON, TELEPHONE NUMBER, PURPOSE, LOCATION AND DURATION. THE DISRUPTION SHALL LAST NO MORE THAN 3 CONSECUTIVE BUSINESS DAYS. WHERE POSSIBLE, THE DISRUPTION SHALL BE DURING OFF PEAK HOURS BEGINNING A 9:00 AM AND ENDING AT 3:00 PM.

SIGNING AND MARKING NOTES :

1. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH FDOT STANDARD INDEX # 711–001, WHERE SHOWN ON THE PLANS.
2. WHERE THE PLANS CALL FOR PAINTED PAVEMENT MARKINGS, INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 710 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE FOLLOWING: CONTRACTOR TO APPLY TWO COATS OF VOC COMPLIANT, LOCAL DOT APPROVED, UNDILUTED, SOLVENT BASED OR LATEX TRAFFIC PAINT. CONTRACTOR TO FOLLOW MANUFACTURER'S RECOMMENDED APPLICATION RATE WITHOUT THE ADDITION OF A THINNER, WITH A MAXIMUM OF 100 SQUARE FEET PER GALLON OR AS REQUIRED PROVIDING MINIMUM 15 MILS WET FILM THICKNESS AND 7.5 MILS DRY FILM THICKNESS PER COAT. PAINT SHALL BE CRISP, STRAIGHT AND APPLIED UNIFORMLY ACROSS THE WIDTH OF A LINE FOR A TOTAL DRY FILM THICKNESS OF 15 MILS.
3. ALL PAVEMENT SYMBOLS AND MARKINGS ARE TO BE THERMOPLASTIC WITH THE EXCEPTION OF PARKING STRIPING. THERMOPLASTIC INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 711 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. ONE BI–DIRECTIONAL AMBER/AMBER REFLECTIVE MARKER SHALL BE PROVIDED AT 40' INTERVALS ON EACH SIDE OF DOUBLE YELLOW STRIPES.
5. BI–DIRECTIONAL COLORLESS/RED REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 20' INTERVALS ALONG SOLID WHITE LINES (NOT ON EDGE OF PAVEMENT OR BIKE LANE LINES).
6. BI–DIRECTIONAL AMBER/AMBER REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED AT 1' INTERVALS AT ALL BULLNOSES.
7. PLACEMENT OF ALL REFLECTIVE PAVEMENT MARKERS SHALL CONFORM TO THE BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS (LATEST REVISED).
8. ALL SIGNS SHALL BE HIGH INTENSITY.
9. ALL SIGNING AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS (LATEST REVISED).
10. THE PUBLIC ROADWAYS INDICATED IN THESE PLANS HAVE BEEN DESIGNED SUBSTANTIALLY IN ACCORDANCE WITH "THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS–STATE OF FLORIDA".
11. ANY LIP FROM ¼" BUT NOT GREATER THAN ½" WILL BE BEVELED TO MEET ADA REQUIREMENTS.
12. ALL TRAFFIC CONTROL DEVICES MAINTAINED BY BROWARD COUNTY, THAT ARE REMOVED OR DAMAGED BY CONSTRUCTION, SHALL BE REPLACED BY CONTRACTOR USING CURRENT BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS.
13. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION'S REVIEW DOES NOT INCLUDE A REVIEW AND ACCEPTANCE OF THE PROJECT'S DESIGN OR OPERATION. THESE ITEMS ARE TO BE REVIEWED AND APPROVED BY THE CITY ENGINEER.
14. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION DOES NOT APPROVE OR INSPECT AND ACCEPT THE FOLLOWING ITEMS FOR MAINTENANCE: PAVEMENT MARKINGS ON OR ADJACENT TO PAVER BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVER BRICKS, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN–WARRANTED MID–BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN–WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLINKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON–STREET PARKING AND RELATED MARKINGS AND SIGNING, IN–ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON–SITE PAVEMENT MARKINGS AND SIGNING, OFF–SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT–OF–WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK OR ASPHALT WORK.
15. THE CITY ENGINEER IS RESPONSIBLE FOR THE REVIEW AND APPROVAL OF THE DESIGN AND OPERATION OF THE PROJECT, AND FOR THE INSPECTION AND ACCEPTANCE OF THE FOLLOWING ITEMS THAT WILL BE MAINTAINED BY THE CITY: PAVEMENT MARKINGS ON OR ADJACENT TO PAVER BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVER BRICKS, PAVEMENT MARKINGS ON OR ADJACENT TO PAINTED ASPHALT, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN–WARRANTED MID–BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN–WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, PAINTED/DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLINKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON–STREET PARKING AND RELATED MARKINGS AND SIGNING, IN–ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON–SITE PAVEMENT MARKINGS AND SIGNING, OFF–SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT–OF–WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK AND ASPHALT WORK.

Sunshine811.com

No.	REVISIONS	DATE	BY

Kimley»Horn

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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954–535–5100 FAX: 954–739–2247
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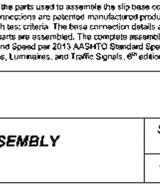

DATE: 5/17/2024
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY CARMELO P. CARATOZZOLO, P.E. ON 5/17/2024 USING A DIGITAL SIGNATURE.

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DATE	5/17/2024
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DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

PAVEMENT MARKING & SIGNAGE DETAILS

SHEET NUMBER C-303

Sheet Set: Boomerang Residences Layout: C-303 PAVEMENT MARKING & SIGNAGE DETAILS May 17, 2024 09:11:12am \\kimley-horn.com\FIL-FTL\FTL_Civil\040 Jobs\040879026 Hollywood Boomerang, bnd\ S Ocean Dr\Design\CAD\PlanSheets\PAVEMENT MARKING & SIGNAGE DETAILS.dwg
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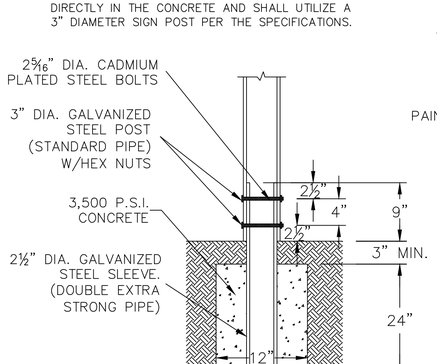
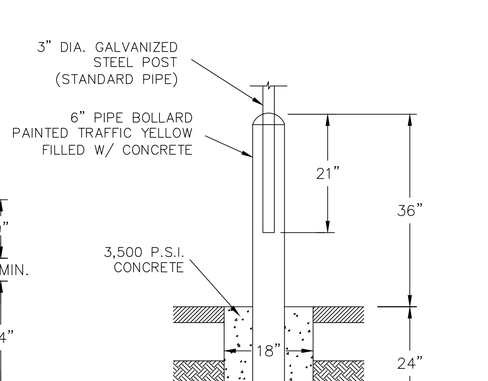
NOTE:
SIGNS INSTALLED WITHIN SIDEWALKS SHALL BE SET DIRECTLY IN THE CONCRETE AND SHALL UTILIZE A 3" DIAMETER SIGN POST PER THE SPECIFICATIONS.

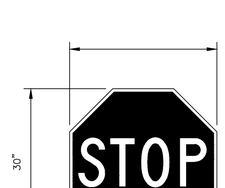


SIGN BASE WITHIN LANDSCAPED AREA



SIGN BASE WITHIN PAVED AREA

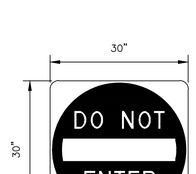
SIGN BASE
NTS



WHITE LEGEND RED BACKGROUND

R1-1

30"X30"
STOP SIGN
NTS



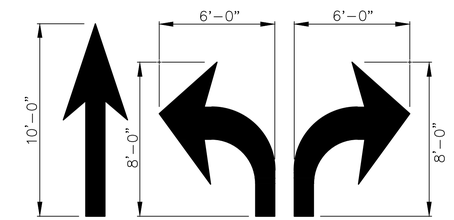
STANDARD RED AND WHITE SIGN

R5-1

DO NOT ENTER SIGN
NTS

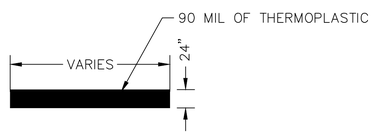
NOTES:

1. WORDS AND ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 3B.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. THESE WORDS AND ARROWS ARE TO BE PAINTED RETROREFLECTIVE WHITE.
3. OPEN ARROWS SHALL CONSIST OF A 4" PERIMETER STRIPE.



SOLID ARROW MARKINGS
USED AT EXITS FROM THE PARKING LOT TO PUBLIC STREETS

PAVEMENT MARKINGS
NTS



STOP BAR DETAILS
NTS

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No.	REVISIONS	DATE	BY

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KRISTIN P. BOUCHARD LICENSED PROFESSIONAL ENGINEER No 92461 STATE OF FLORIDA
DATE: 5/17/2024
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY KRISTIN P. BOUCHARD, P.E. ON 5/17/2024 USING A DIGITAL SIGNATURE.
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KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

PAVEMENT MARKING & SIGNAGE DETAILS

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-304

Sheet Set:Boomerang Residences Layout:C-304 PAVEMENT MARKING & SIGNAGE DETAILS May 17, 2024 09:11:13am \\kimley-horn.com\FL_FTL\FTL_Civil\040 Jobs\040879026 Hollywood Boomerang 901 S Ocean Dr\Design\CAD\PlanSheets\PAVEMENT, MARKING & SIGNAGE DETAILS.dwg
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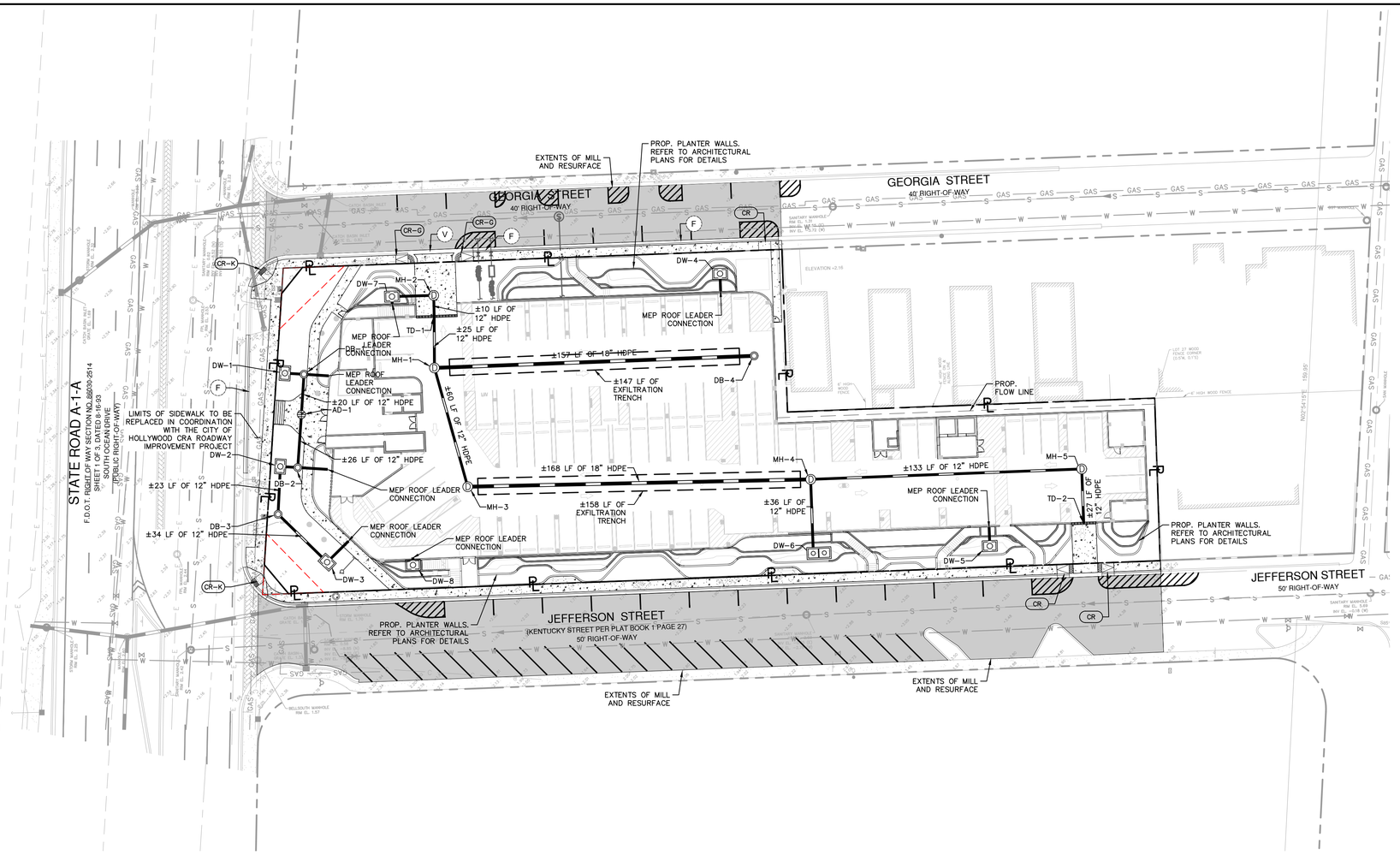

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND

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- ROAD CENTERLINE
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- PROP. EXFILTRATION TRENCH
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- EXIST. CATCH BASIN
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- PROP. ASPHALT MILL AND RESURFACE

CURB LEGEND

- (T) CURB TRANSITION — REFER TO SHEET C-404 FOR DETAILS
- (F) TYPE 'F' CURB & GUTTER — REFER TO SHEET C-404 FOR DETAILS
- (V) VALLEY GUTTER — REFER TO SHEET C-404 FOR DETAILS
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17. ALL ACCESS POINTS, SIDEWALKS, WALKWAYS, AND CURB CUTS ARE UNOBSTRUCTED AND ADA ACCESSIBLE.
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BROWARD COUNTY NOTES:

1. ALL SIDEWALKS WITHIN THE APPROVED PERMIT LIMITS ARE TO BE ADA COMLIANT, UPGRADE CURB RAMPS SHALL BE PROVIDED PER FDOT STANDARD INDEX 304
2. ANY DAMAGED SIDEWALK OR CURB AND GUTTER WITHIN THE APPROVED PERMIT LIMITS IS TO BE REMOVED AND REPLACED IN ACCORDANCE WITH BROWARD COUNTY MINIMUM STANDARDS LATEST EDITION.
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CITY OF HOLLYWOOD NOTES:

1. ROOF DRAINAGE SHALL BE COLLECTED AND CONNECTED TO THE ON–SITE DRAINAGE SYSTEM.

DRAINAGE STRUCTURE TABLE

STRUCTURE #	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATION
AD-1	AREA DRAIN	RIM = 4.38	(12") 1.00 (N) (12") 1.00 (S)
DB-1	DRAINAGE BASIN	RIM = 4.50	(12") 1.00 (W) (12") 1.00 (E) (12") 1.00 (S)
DB-2	DRAINAGE BASIN	RIM = 4.50	(12") 1.00 (W) (12") 1.00 (N) (12") 1.00 (E)
DB-3	DRAINAGE BASIN	RIM = 4.50	(12") 1.00 (N) (12") 1.00 (SE)
DB-4	DRAINAGE BASIN	RIM = 4.50	(18") 0.50 (W)
DW-1	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (E)
DW-2	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (E) (12") 1.00 (S)
DW-3	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (NW) (12") 1.00 (NE)
DW-4	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (S)
DW-5	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (N)
DW-6	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (N)
DW-7	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (E) (12") 1.00 (S)
DW-8	DRAINAGE WELL	RIM = 3.81	(12") 1.00 (N)
MH-1	MANHOLE W/ PRB (E)	RIM = 4.50	(18") 0.50 (E) (12") 1.00 (S) (12") 1.00 (N)
MH-2	MANHOLE W/ INVERTED BAFFLE (W)	RIM = 3.28	(12") 1.00 (S) (12") 1.00 (W)
MH-3	MANHOLE W/ PRB (E)	RIM = 4.50	(12") 1.00 (N) (18") 0.50 (E)
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TD-1	TRENCH DRAIN	RIM = 4.50	(12") 1.00 (W) (12") 1.00 (E) (12") 1.00 (E)
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No.	REVISIONS	DATE	BY

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY AUSTIN P. BOUCHARD, P.E. ON 5/17/2024 USING A DIGITAL SIGNATURE.
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AUSTIN P. BOUCHARD ★ No 92461 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER
DATE: 5/17/2024

KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

OVERALL PAVING GRADING & DRAINAGE PLAN

BOOMERANG RESIDENCES

PREPARED FOR
ADACHE GROUP
ARCHITECTS, INC.

CITY OF HOLLYWOOD, FLORIDA

SHEET NUMBER
C-400

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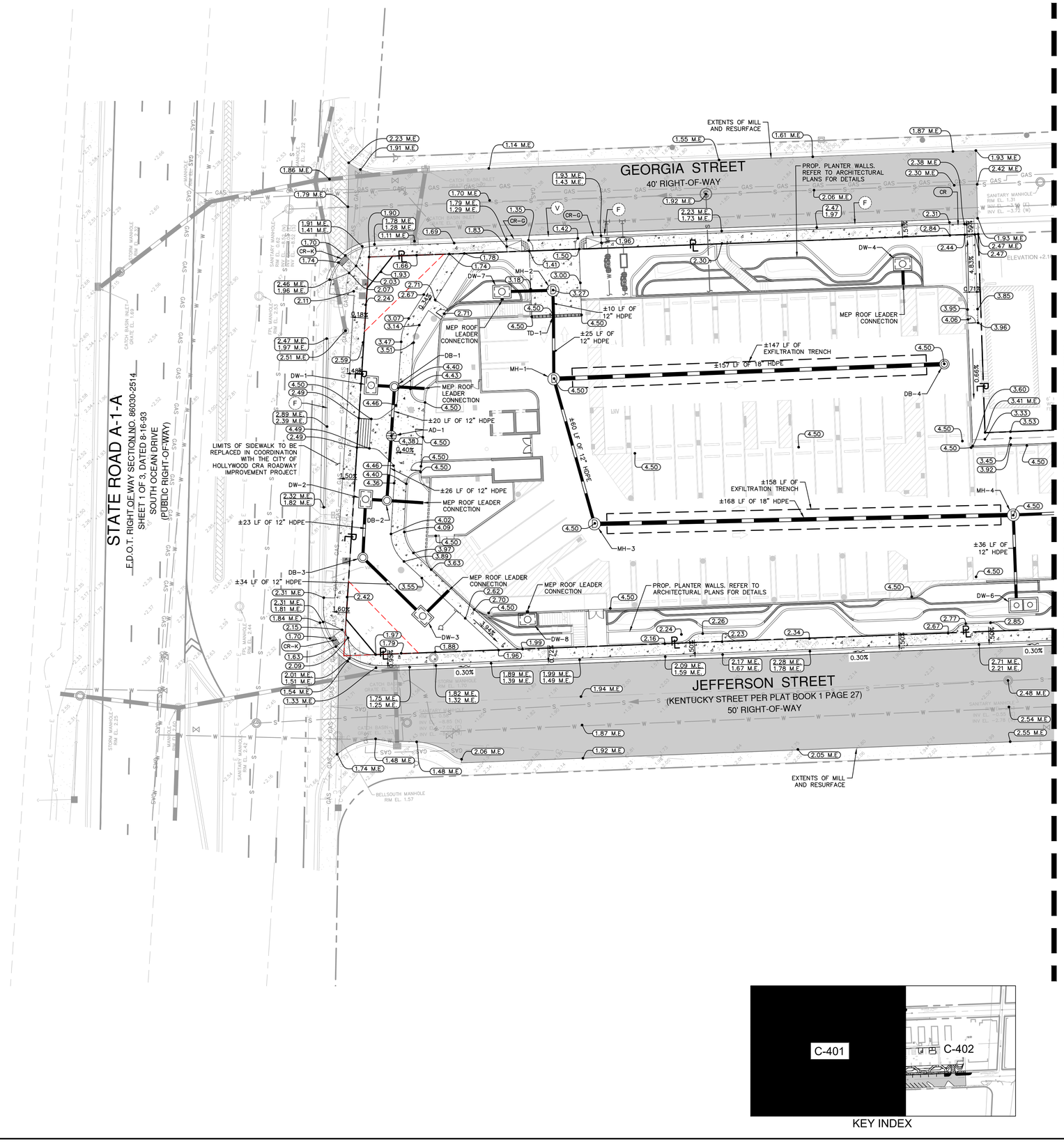
Sheet Set:Boomerang Residences Layout:C-400 OVERALL PAVING GRADING & DRAINAGE PLAN May 17, 2024 09:54:14pm K:\Ftl_civil\040 Jobs\040879026 hollywood boomerang 901 s ocean dr\Design\CAD\plansheets\PAVING GRADING & DRAINAGE PLAN.dwg



KEY INDEX

LEGEND

- PROPERTY LINE AND/OR RIGHT-OF-WAY
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NORTH

GRAPHIC SCALE IN FEET
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No.	REVISIONS	DATE	BY

Kimley»Horn
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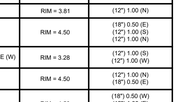
8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRIAN P. BOUCHARD, P.E. ON 5/17/2024 USING A DIGITAL SIGNATURE.
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KHA PROJECT 040879026
DATE 5/17/2024
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY APB

PAVING GRADING & DRAINAGE PLAN

BOOMERANG RESIDENCES

PREPARED FOR
ADACHE GROUP
ARCHITECTS, INC.

CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-401

Sheet Set:Boomerang Residences Layout:C-400 PAVING GRADING & DRAINAGE PLAN May 17, 2024 09:54:19am K:\ftl_civil\040879026 Hollywood Boomerang 001 s ocean dr\Design\CADD\plansheets\PAVING GRADING & DRAINAGE PLAN.dwg

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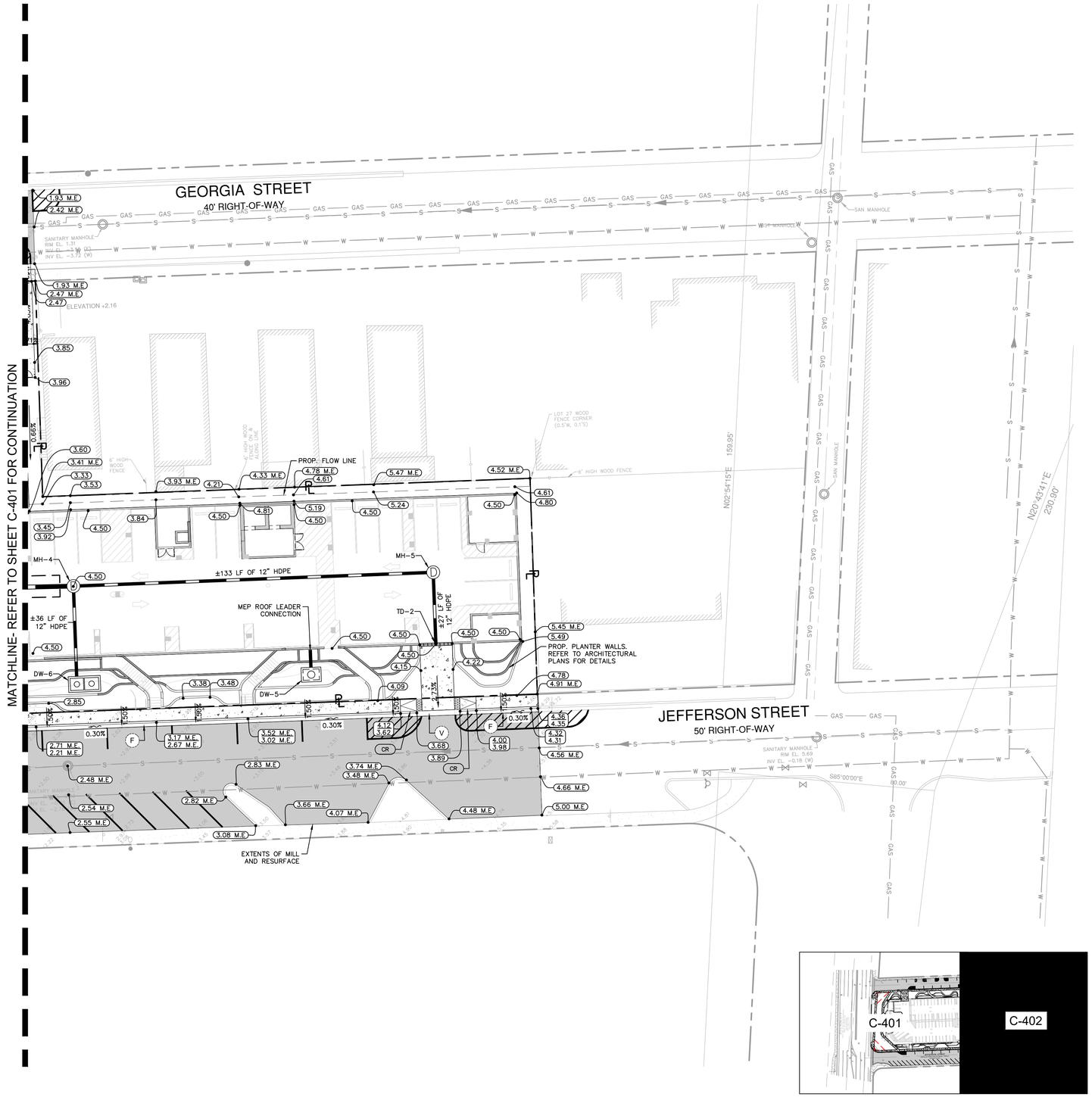

KEY INDEX

LEGEND

- PROPERTY LINE AND/OR RIGHT-OF-WAY
- BUILDING OUTLINE
- ROAD CENTERLINE
- EXIST. STORM PIPE
- PROP. STORM PIPE
- PROP. EXFILTRATION TRENCH
- PROP. DRAINAGE WELL
- EXIST. STORM MANHOLE
- PROP. STORM CLEANOUT
- EXIST. CATCH BASIN
- PROP. STORM MANHOLE
- PROP. AREA DRAIN
- EXIST. GRADE ELEVATION
- PROP. FLOW LINE
- SLOPE ARROW
- MATCH EXIST. GRADE
- PROP. SPOT ELEVATION
- PROP. LIGHT DUTY CONCRETE. REFERENCE SHEET C-404 FOR DETAILS
- PROP. HEAVY DUTY CONCRETE. REFERENCE SHEET C-404 FOR DETAILS
- PROP. ASPHALT MILL AND RESURFACE

GRAPHIC SCALE IN FEET
0 10 20 40

CURB LEGEND

- (T) CURB TRANSITION — REFER TO SHEET C-404 FOR DETAILS
- (F) TYPE "F" CURB & GUTTER — REFER TO SHEET C-404 FOR DETAILS
- (V) VALLEY GUTTER — REFER TO SHEET C-404 FOR DETAILS
- (CR) CURB RAMP FDOT STANDARD INDEX 522-002 SHEET 6 OF 7 — REFER TO SHEET C-407 FOR DETAILS
- (CR-K) CURB RAMP FDOT STANDARD INDEX 522-002 SHEET 5 OF 7 — REFER TO SHEET C-407 FOR DETAILS
- (CR-G) CURB RAMP FDOT STANDARD INDEX 522-002 SHEET 4 OF 7 — REFER TO SHEET C-407 FOR DETAILS
- (D) DROP CURB — REFER TO SHEET C-404 FOR DETAILS
- (R) DRIVEWAY CURB & GUTTER — REFER TO SHEET C-404 FOR DETAILS

DRAINAGE STRUCTURE TABLE

STRUCTURE #	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATION
AD-1	AREA DRAIN	RIM = 4.38	(12") 1.00 (N) (12") 1.00 (S)
DB-1	DRAINAGE BASIN	RIM = 4.50	(12") 1.00 (W) (12") 1.00 (E) (12") 1.00 (S)
DB-2	DRAINAGE BASIN	RIM = 4.50	(12") 1.00 (W) (12") 1.00 (N) (12") 1.00 (E)
DB-3	DRAINAGE BASIN	RIM = 4.50	(12") 1.00 (N) (12") 1.00 (SE)
DB-4	DRAINAGE BASIN	RIM = 4.50	(18") 0.50 (W)
DW-1	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (E)
DW-2	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (E) (12") 1.00 (S)
DW-3	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (NW) (12") 1.00 (NE)
DW-4	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (S)
DW-5	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (N)
DW-6	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (N)
DW-7	DRAINAGE WELL	RIM = 6.00	(12") 1.00 (E) (12") 1.00 (S)
DW-8	DRAINAGE WELL	RIM = 3.81	(12") 1.00 (N)
MH-1	MANHOLE W/ PRB (E)	RIM = 4.50	(18") 0.50 (E) (12") 1.00 (S) (12") 1.00 (W)
MH-2	MANHOLE W/ INVERTED BAFFLE (W)	RIM = 3.28	(12") 1.00 (S) (12") 1.00 (W)
MH-3	MANHOLE W/ PRB (E)	RIM = 4.50	(12") 1.00 (N) (18") 0.50 (E)
MH-4	MANHOLE W/ PRB (W)	RIM = 4.50	(18") 0.50 (W) (12") 1.00 (E) (12") 1.00 (S)
MH-5	MANHOLE	RIM = 4.50	(12") 1.00 (W) (12") 1.00 (S)
TD-1	TRENCH DRAIN	RIM = 4.50	(12") 1.00 (W) (12") 1.00 (E) (12") 1.00 (E)
TD-2	TRENCH DRAIN	RIM = 4.50	(12") 1.00 (W) (12") 1.00 (E)

NOTES:

1. ALL WALKWAYS SHALL HAVE A SLOPE LESS THAN 2% PERPENDICULAR TO THE DIRECTION OF TRAVEL AND LESS THAN 5% IN THE DIRECTION OF TRAVEL.
2. EXISTING GRADES AND DRAINAGE HAVE BEEN TAKEN FROM A SURVEY PREPARED BY FORTIN, LEAVY, SKILES, INC AND ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, BASED ON CITY OF HOLLYWOOD BENCH MARK, ELEVATION +7.27. LOCATED AT MISSOURI & BOARDWALK
3. REFER SECTION C-C ON SHEET C-403 FOR TYPICAL SECTION THOUGH VILLA DRIVEWAY
4. ALL WALKWAYS NEAR BUILDING ENTRANCES SHALL HAVE A MAXIMUM SLOPE OF 2% IN ANY DIRECTION FOR A MINIMUM OF 60 INCHES, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR.
5. CLEAR WIDTH OF ACCESSIBLE ROUTE MUST BE A MINIMUM OF 36 INCHES.
6. RUNNING SLOPE OF RAMPS AND CURB RAMPS CANNOT EXCEED 8.33% IF VERTICAL RISE IS LESS THAN 6 INCHES, HANDRAILS ARE NOT REQUIRED.
7. RUNNING SLOPE FOR SIDE FLARES OR CURB RAMPS MUST BE LESS THAN 10%
8. SLOPES AT INTERSECTIONS OF ACCESSIBLE ROUTES MUST NOT EXCEED 2%, MEASURED IN ANY DIRECTION.
9. SLOPES OF CLEAR FLOOR SPACES AT FIXTURES AND CONTROLS MUST NOT EXCEED 2%, MEASURED IN ANY DIRECTION. THE 30X48 INCH CLEAR FLOOR SPACE PROVIDED AT THE CONTROL MUST BE FLUSH WITH THE CONTROL.
10. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION TO NOTIFY ENGINEER OF ANY CONFLICTS.
11. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
12. ALL MAXIMUM SLOPES ARE ABSOLUTE AND SUPERSEDE CONSTRUCTION TOLERANCES STATED IN THE PROJECT SPECIFICATIONS. THE CONTRACTOR HAS THE OPTION OF ADJUSTING GRADES TO ALLOW FOR CONSTRUCTION TOLERANCES BUT SHALL NOT EXCEED MAXIMUMS SPECIFIED ABOVE BY ANY AMOUNT. PAVEMENTS SLOPES WILL BE REVIEWED AFTER CONSTRUCTION AND ANY PAVEMENTS FOUND TO EXCEED THE MAXIMUMS SPECIFIED ABOVE WILL BE REPLACED AT THE CONTRACTORS EXPENSE.
13. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING AND TOWARDS LANDSCAPE AREAS AND PROPOSED INLETS FOR ALL NATURAL AND PAVED AREAS.
14. THE CONTRACTOR SHALL CONTACT THE SITE ENGINEER REGARDING ANY GRADING REVISIONS PRIOR TO CONSTRUCTION OF THE PAVEMENT AREAS.
15. SPOT ELEVATIONS ARE AT EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
16. ALL PAVEMENT WITHIN THE PUBLIC RIGHT-OF-WAYS SHALL HAVE A MINIMUM CROSS SLOPE OF 2 PERCENT AND A MINIMUM LONGITUDINAL SLOPE OF 0.2 PERCENT.
17. ALL ACCESS POINTS, SIDEWALKS, WALKWAYS, AND CURB CUTS ARE UNOBSTRUCTED AND ADA ACCESSIBLE.
18. ANY LIP FROM ¼" BUT NOT GREATER THAN ½" WILL BE BEVELED TO MEET ADA REQUIREMENTS.
19. ALL ROADS ADJACENT TO THE PROJECT AREA WILL BE FULLY MILLED AND RESTORED UNLESS OTHERWISE STATED BY THE CITY OF HOLLYWOOD FOR JEFFERSON STREET AND GEORGIA STREET, AND UNLESS OTHERWISE STATED BY FDOT FOR STATE ROAD A1A.

BROWARD COUNTY NOTES:

1. ALL SIDEWALKS WITHIN THE APPROVED PERMIT LIMITS ARE TO BE ADA COMLIANT, UPGRADE CURB RAMPS SHALL BE PROVIDED PER FDOT STANDARD INDEX 304
2. ANY DAMAGED SIDEWALK OR CURB AND GUTTER WITHIN THE APPROVED PERMIT LIMITS IS TO BE REMOVED AND REPLACED IN ACCORDANCE WITH BROWARD COUNTY MINIMUM STANDARDS LATEST EDITION.
3. ANY PAVEMENT WITHIN THE APPROVED PERMIT LIMITS DAMAGED DURING CONSTRUCTION SHALL BE RECONSTRUCTED IN ACCORDANCE WITH BROWARD COUNTY MINIMUM STANDARDS LATEST EDITION.

CITY OF HOLLYWOOD NOTES:

1. ROOF DRAINAGE SHALL BE COLLECTED AND CONNECTED TO THE ON-SITE DRAINAGE SYSTEM.

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No.	REVISIONS	DATE	BY

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AUSTIN P. BOUCHARD LICENSE No 82461 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: 5/17/2024

KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

PAVING GRADING & DRAINAGE PLAN

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-402

Sheet Set:Boomerang Residences Layout:C-401 PAVING GRADING & DRAINAGE PLAN May 17, 2024 09:54:24am K:\fll_civil\040 Jobs\040879026 hollywood boomerang 001 s ocean dr\Design\CADD\plansheets\PAVING GRADING & DRAINAGE PLAN.dwg
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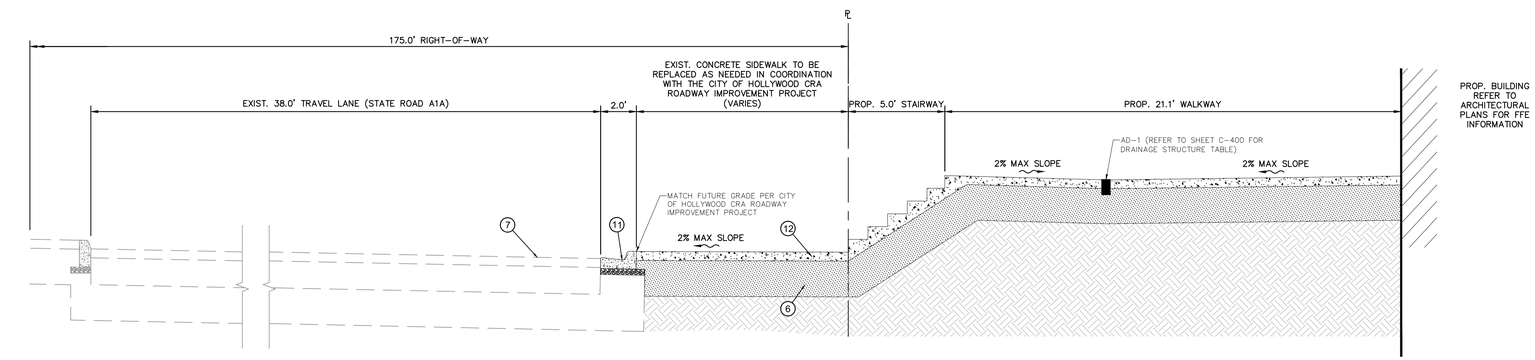

SECTION A-A (STATE ROAD A-1-A)

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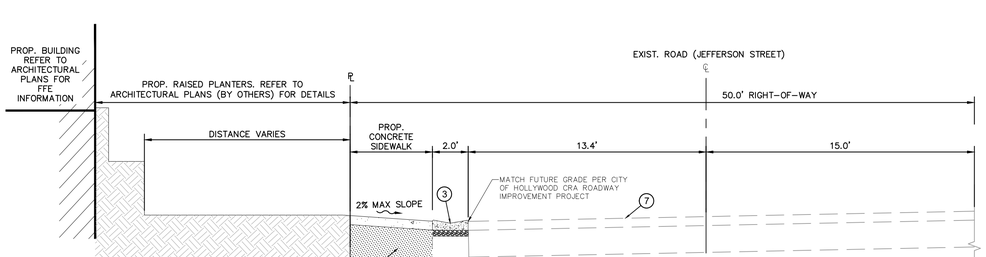

SECTION B-B (JEFFERSON STREET)

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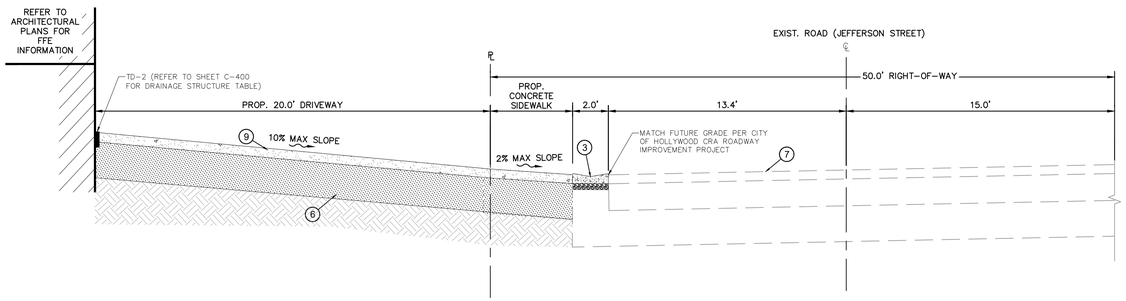

SECTION C-C (JEFFERSON STREET)

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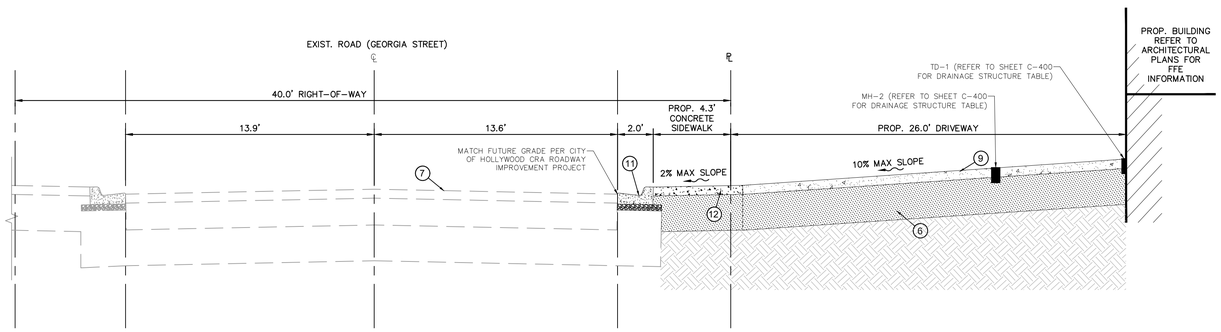

SECTION D-D (GEORGIA STREET)

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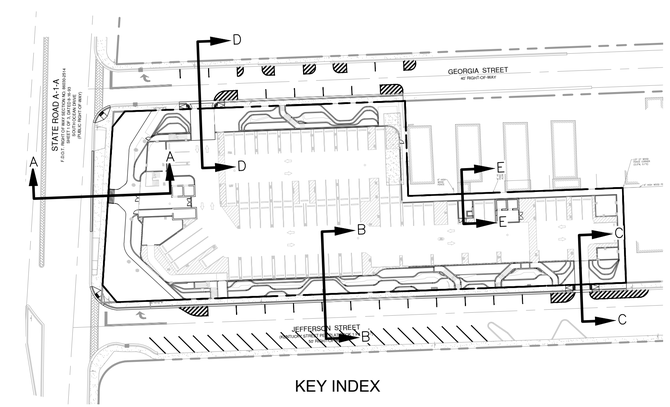
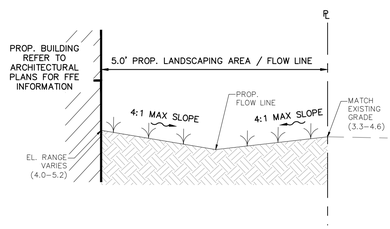


KEY INDEX



SECTION E-E

SCALE: 1:4

LEGEND

1. PROP. TYPE 'D' CURB (PER CITY OF HOLLYWOOD DETAIL)
2. DROP CURB (PER CITY OF HOLLYWOOD DETAIL)
3. PROP. VALLEY GUTTER (PER CITY OF HOLLYWOOD DETAIL)
4. PROP. ASPHALT SURFACE WEARING COURSE, 2" SP-9.5
5. PROP. 8" LIMEROCK BASE COMPACTED IN (2) 4" LIFTS TO AT LEAST 98% WITH MINIMUM LBR OF 100
6. PROP. 12" SUBGRADE COMPACTED IN (2) 6" LIFTS TO AT LEAST 98% WITH MINIMUM LBR OF 40
7. PROP. 1" MILL, RESURFACE AND REGRADE. ASPHALT SURFACE WEARING COURSE, 2" SP-9.5
8. FULL DEPTH PAVEMENT
   - 2" SP-12.5 (BOTTOM LAYER)
   - 1" FC-9.5 (TOP LAYER)
   - TACK COAT APPLIED BETWEEN ASPHALT LAYERS
   - REFER TO BROWARD COUNTY NOTES (SHEET C-401)
9. PROP. 6" HEAVY DUTY CONCRETE (REFER TO SHEET C-404 FOR DETAILS)
10. PROP. 12" LIMEROCK BASE COMPACTED IN (2) 6" LIFTS TO AT LEAST 98% WITH MINIMUM LBR OF 100
11. PROP. TYPE 'F' CURB (PER CITY OF HOLLYWOOD DETAIL)
12. CONCRETE SIDEWALK (PER CITY OF HOLLYWOOD DETAIL)
13. DECORATIVE PAVER (REFER TO LANDSCAPE PLANS BY OTHERS FOR DETAILS)

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No.	REVISIONS	DATE	BY

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DATE: 5/17/2024

KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

TYPICAL SECTIONS

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-403

Sheet Set:Boomerang Residences Layout:C-402 STREET PROFILES May 17, 2024 09:11:53am \\kimley-horn.com\FL_FTL\FTL_Civil\040 Jobs\040879026 Hollywood Boomerang 601 S Ocean Dr\Design\CAD\PlanSheets\STREET PROFILES.dwg
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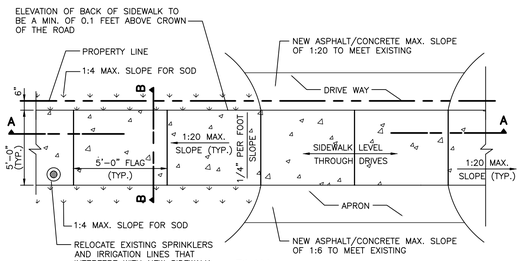

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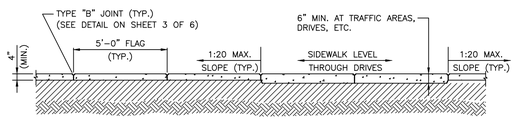
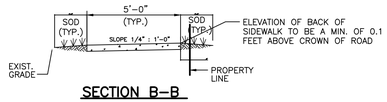


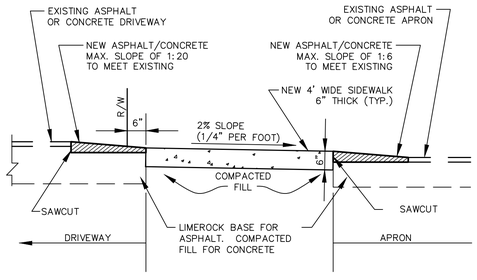
SECTION A–A



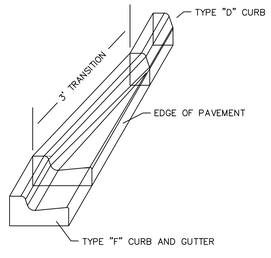
SECTION B–B

NOTE:

ALL SIDEWALK CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE CONTRACT SPECIFICATIONS.
LIGHT BROOM FINISH PERPENDICULAR TO THE DIRECTION OF THE SIDEWALK.

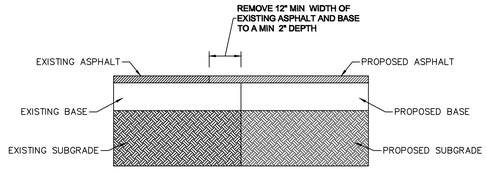


SECTIONAL VIEW AT DRIVES



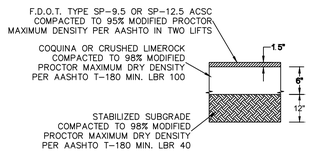
3' CURB TRANSITION

NTS



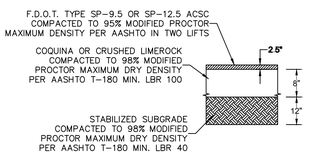
SAW CUT

NTS



STANDARD DUTY ASPHALT

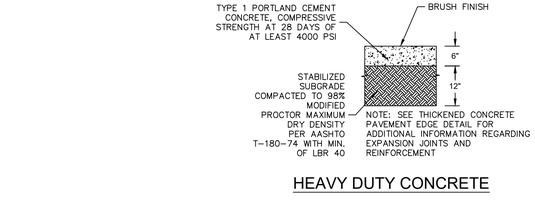
NTS



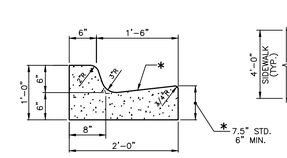
HEAVY DUTY ASPHALT

NTS

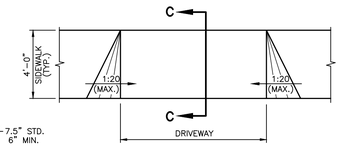
NOTE:
CONTRACTOR TO REFER TO THE GEOTECHNICAL REPORT FOR SITE WORK SPECIFICATIONS.



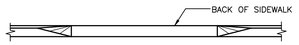
HEAVY DUTY CONCRETE



6" CURB & GUTTER (FDOT TYPE "F")



PLAN



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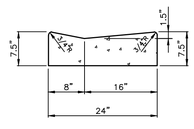
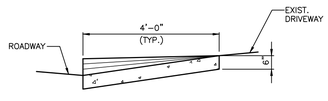
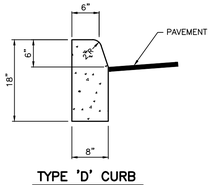


DRIVEWAY CURB & GUTTER

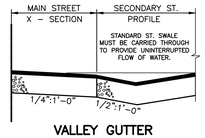


SECTION C–C

STANDARD SIDEWALK AT DRIVEWAY DETAIL

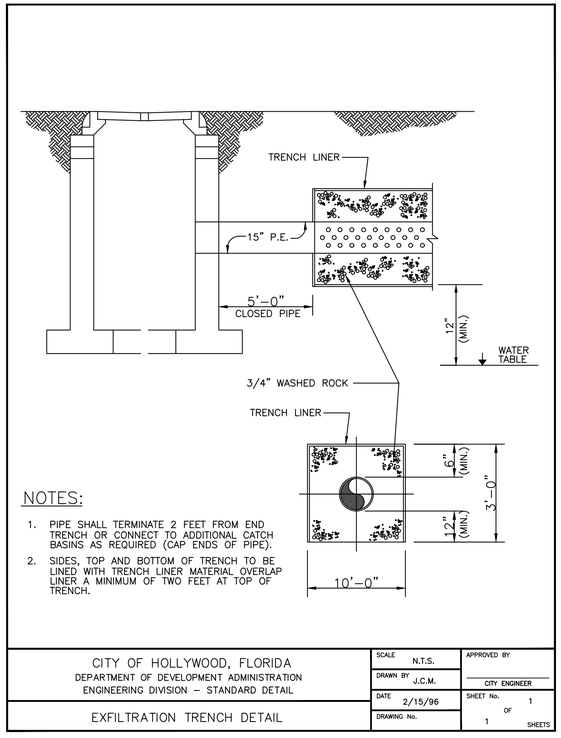


TYPE 'D' CURB



VALLEY GUTTER

* WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.



NOTES:

1. PIPE SHALL TERMINATE 2 FEET FROM END TRENCH OR CONNECT TO ADDITIONAL CATCH BASINS AS REQUIRED (CAP ENDS OF PIPE).
2. SIDES, TOP AND BOTTOM OF TRENCH TO BE LINED WITH TRENCH LINER MATERIAL OVERLAP LINER A MINIMUM OF TWO FEET AT TOP OF TRENCH.

CITY OF HOLLYWOOD, FLORIDA DEPARTMENT OF DEVELOPMENT ADMINISTRATION ENGINEERING DIVISION – STANDARD DETAIL	SCALE N.T.S.	APPROVED BY
	DRAWN BY J.C.M.	CITY ENGINEER
	DATE 2/15/96	SHEET No. 1 OF 1 SHEETS
EXFILTRATION TRENCH DETAIL	DRAWING No.	

No.	REVISIONS	DATE	BY

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

ANTHONY P. BOCCHARD No 92461 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: 5/17/2024

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KHA PROJECT	
040879026	
DATE	
5/17/2024	
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

PAVING GRADING & DRAINAGE DETAILS

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-404

Sheet Set:Boomerang Residences Layout:C-403 PAVING GRADING & DRAINAGE DETAILS May 17, 2024 09:12:21am \\Kimley-horn.com\FtL_FTL\FTL_Civil\040 Jobs\040879026 Hollywood Boomerang 901 S Ocean Dr\Design\CADD\PlanSheets\PAVING GRADING & DRAINAGE DETAILS.dwg
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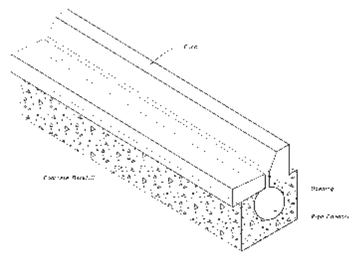
GENERAL NOTES:

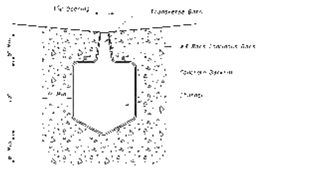
1. Inspect gutter grades and preformed channel inverts with a slope of 0.5% or greater toward the outlet to eliminate the possible standing water, unless shown otherwise on the Plans.
2. Trim inverts to conform accurately with drainage fittings. Do not allow concrete grouts to obstruct flow in the drainage structure.
3. Provide a concrete joint compatible with the manufacturer's joint for Type 1 drains at the construction joint at intervals of 30 feet maximum. Provide a flexible joint with an opening of 3/8 to 1/2 inch. Provide joint in the trench wider channel and 10 to 20 feet long, from curb to expansion joint for channel wider than 6 inches and other adjacent to curbs care of preformed, plastic end channel with compatible end reducer clean of grate.
4. Excavate trenches wide for a minimum of 6 in compaction on shared under and alongside the lowest drain channel system. Install backfill per Section 125 of Specification for DOT uniform concrete backfill extending a minimum of 6" and the end of the drain opening at the end of unit Type 1 or 12 inches.
5. Install manufacturer's bars located at the 8" on center for Type 1 Trench Drain.

TABLE OF CONTENTS.	
Sheet	Description
1	General Notes and Formats
2	Type 1 - Nonremovable Grate
3	Type 11 - Removable Grate

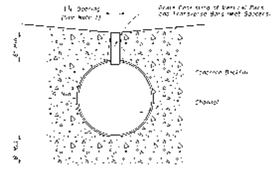


TRENCH DRAIN ASSEMBLY

LAST REVISION 11/01/19	OPTIONS	DESCRIPTION	FDOT	FY 2023-24 STANDARD PLANS	TRENCH DRAIN	INDEX # 436-001	SHEET 1 of 3



PREFORMED POLYETHYLENE CHANNEL



ROUND PIPE CHANNEL

WITHIN TYPE F CURB — WITHIN TYPE F CURB — WITHIN DROP CURB — ADJACENT TO TRAFFIC SEPARATOR

TYPICAL LOCATIONS

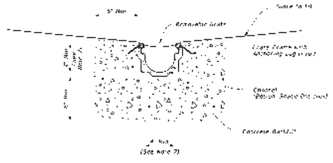
(Round Trench Shown, Rectangular Polyethylene Similar.)

NOTES:

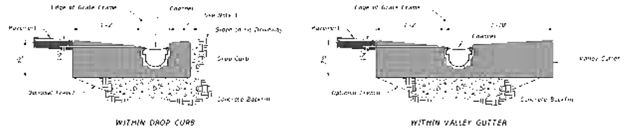
1. Clearing for 2 foot behind curbs. Warning to all side grate runs on 8".
2. The round Pipe Channel is 15" in diameter, unless otherwise shown in the Plans.
3. Provide a minimum 6" concrete at the base of the Drain.
4. Install grates at pedestrian and bicycle crossings as necessary.

TYPE 1 - NONREMOVABLE GRATE

LAST REVISION 11/01/19	OPTIONS	DESCRIPTION	FDOT	FY 2023-24 STANDARD PLANS	TRENCH DRAIN	INDEX # 436-001	SHEET 2 of 3



PREFORMED CHANNEL WITH REMOVABLE GRATE



WITHIN DROP CURB — WITHIN VALLEY GUTTER

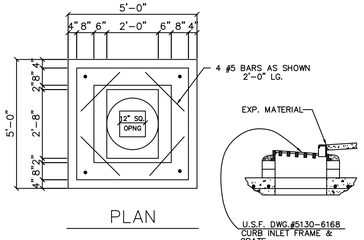
TYPICAL LOCATIONS

NOTES:

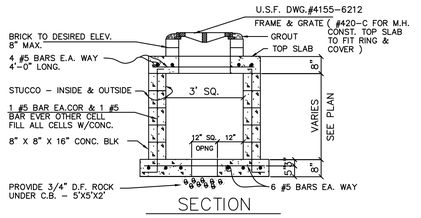
1. Clearing for 2 foot behind curbs. Warning to all side grate runs on 8".
2. The round Pipe Channel is 15" in diameter, unless otherwise shown in the Plans.

TYPE 11 - REMOVABLE GRATE

LAST REVISION 11/01/19	OPTIONS	DESCRIPTION	FDOT	FY 2023-24 STANDARD PLANS	TRENCH DRAIN	INDEX # 436-001	SHEET 3 of 3



PLAN



SECTION

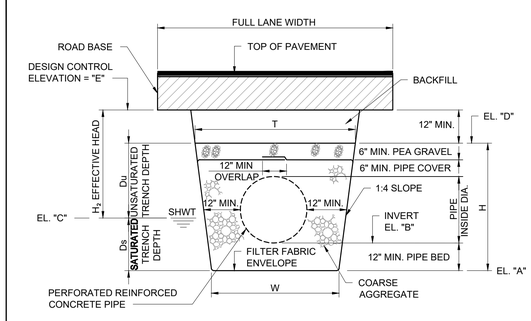
NOTES:

1. THE CONTRACTOR MAY SUBSTITUTE PRECAST INLETS, MANHOLES AND JUNCTION BOXES IN LIEU OF CONCRETE BLOCK STRUCTURE SHOWN.
2. CONTRACTOR MUST SUBMIT SHOP DRAWINGS FOR APPROVAL.
3. 12" SQ. DRAIN OPENING IN BOTTOM SLAB OPTIONAL - SEE PLAN'S & SPEC'S

CITY OF HOLLYWOOD, FLORIDA
ENGINEERING DEPARTMENT

CATCH BASIN
TYPE " B "

DESIGNED BY	LL	SCALE	NONE	APPROVED BY
DRAWN BY	R.Q.			CITY ENGINEER
CHECKED BY	SD	PROJECT No.		SHEET No. OF 2
DATE	04/20/95	DRAWING No.		4 SHEETS



TRENCH SCEDULE	
PARAMETER	TRENCH
PIPE DIAMETER	18-IN
W	8-FT
T	8-FT
H	4.00
Ds	2.83
Du	1.17
H_2	3.00
EL. "A"	0.00
EL. "B"	1.00
EL. "C" (SHWT)	1.50
EL. "D"	4.00
EL. "E" (DCE)	5.83

NOTES:
DCE: DESIGN CONTROL ELEVATION
SHWT: SEASONAL HIGH WATER TABLE

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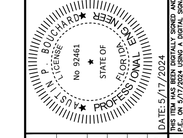
No.	REVISIONS	DATE	BY



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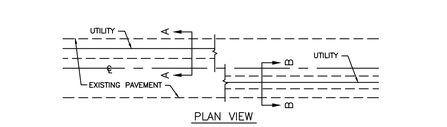
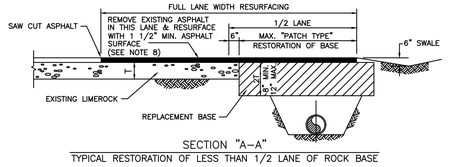
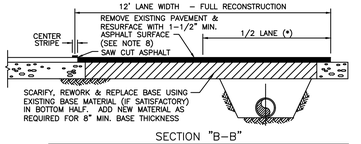


PLAN VIEW



SECTION "A–A"

TYPICAL RESTORATION OF LESS THAN 1/2 LANE OF ROCK BASE



SECTION "B–B"

TYPICAL RESTORATION OF 1/2 LANE OR MORE OF ROCK BASE

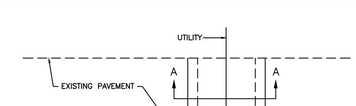
FLEXIBLE PAVEMENT RESTORATION PARALLEL UTILITY INSTALLATION

(*) IF TRENCH IMPACTS MORE THAN ½ A LANE WIDTH SECTION B–B SHALL BE USED.

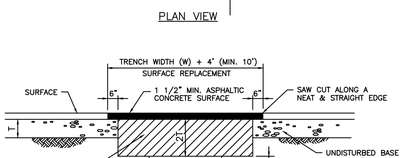
NOTES:

1. BASE MATERIAL SHALL HAVE A MINIMUM L.B.R. OF 100 AND A MINIMUM CARBONATE CONTENT OF 70%.
2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM THICKNESS LAYERS WITH EACH LAYER COMPACTED AS REQUIRED AND TESTED PRIOR TO THE PLACEMENT OF THE SUCCEEDING LAYERS.
3. SUBGRADE MATERIAL SHALL BE GRANULAR AND SHALL HAVE A MINIMUM L.B.R. OF 40.
4. BACKFILL SHALL BE PLACED AND COMPACTED IN 8" LAYERS, BUT TESTING WILL BEGIN 12" ABOVE THE INSTALLED FACILITY.
5. ALL EDGES OF EXISTING ASPHALT PAVEMENT WHERE RESURFACING WILL ABUT SHALL BE SAW CUT TO STRAIGHT LINES, PARALLEL TO OR PERPENDICULAR TO THE ROADWAY, PRIOR TO THE RESURFACING.
6. RESURFACING MATERIAL SHALL BE OF THE SAME MIX AS THE EXISTING SURFACE AND SHALL BE APPLIED A MINIMUM OF 1–1/2" INCHES IN THICKNESS.
7. FULL ROAD WIDTH RESURFACING MAY BE REQUIRED. SEE PLANS.

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: –	
DRAWN: EG	FLEXIBLE PAVEMENT RESTORATION PARALLEL UTILITY INSTALLATION	DRAWING NO.: C–30	
APPROVED: JG			



PLAN VIEW

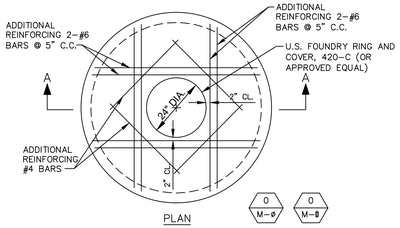


SECTION "A–A"

NOTES:

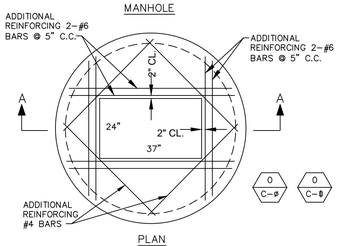
1. REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE, MINIMUM 12", MAXIMUM 18".
2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM (LOOSE MEASUREMENT) LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T–180.
3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
4. SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED AND FEATHERED.
5. SURFACE MATERIAL SHALL BE CONSISTENT WITH THE EXISTING SURFACE.
6. BASE MATERIAL SHALL HAVE A MINIMUM LBR OF 100 AND A MINIMUM CARBONATE CONTENT OF 70%.
7. IF THE TRENCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" ASPHALTIC CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING UNTIL REPLACED WITH A PERMANENT PATCH.
8. MINIMUM PAVEMENT RESTORATION WIDTH IS 10'.

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: –	
DRAWN: EG	FLEXIBLE PAVEMENT RESTORATION PERPEND. UTILITY INSTALLATION	DRAWING NO.: C–31	
APPROVED: JG			



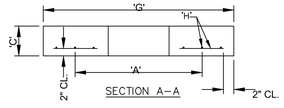
PLAN

MANHOLE



PLAN

CATCH BASIN

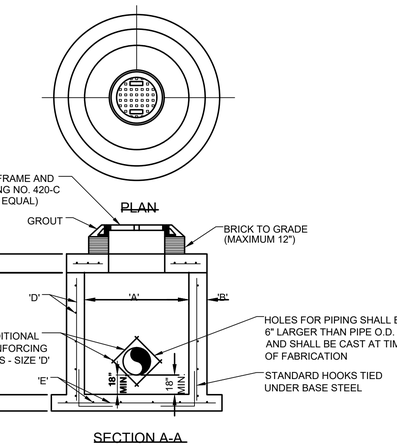


SECTION A–A

"A"	"C"	"G"	"H"
3'–6"	8"	4'–6"	# 4 @ 6" C.C.E.W.
4'–0"	8"	5'–4"	# 4 @ 6" C.C.E.W.
5'–0"	8"	6'–4"	# 4 @ 6" C.C.E.W.
6'–0"	10"	7'–4"	# 5 @ 6" C.C.E.W.
7'–0"	10"	8'–4"	# 5 @ 6" C.C.E.W.
8'–0"	10"	9'–8"	# 5 @ 6" C.C.E.W.
10'–0"	12"	11'–8"	# 6 @ 6" C.C.E.W.

PRECAST CONCRETE - TOP SLAB

SCALE: N.T.S.

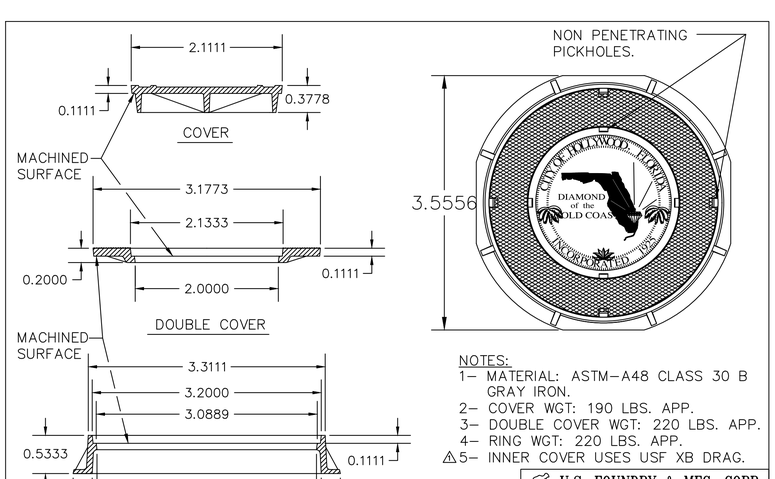


SECTION A–A

TYPE	"A"	"B"	"C"	"D"	"E"	"F"
M–4	□□□□□	8"	8"	#4 @ 12" C.C.E.W.	#4 @ 12" C.C.E.W.	□□□□□ □
M–5	□□□□□	8"	8"	#5 @ 12" C.C.E.W.	#5 @ 12" C.C.E.W.	□□□□□ □
M–6	□□□□□	8"	10"	#5 @ 12" C.C.E.W.	#5 @ 6" C.C.E.W.	□□□□□ □
M–7	□□□□□	8"	10"	#5 @ 12" C.C.E.W.	#5 @ 6" C.C.E.W.	□□□□□ □
M–8	□□□□□	10"	10"	2- W.W.M. w/ #4 @ 12" C.C. VERT	#5 @ 6" C.C.E.W.	□□□□□ □

PRECAST DRAINAGE MANHOLE

SCALE: N.T.S.



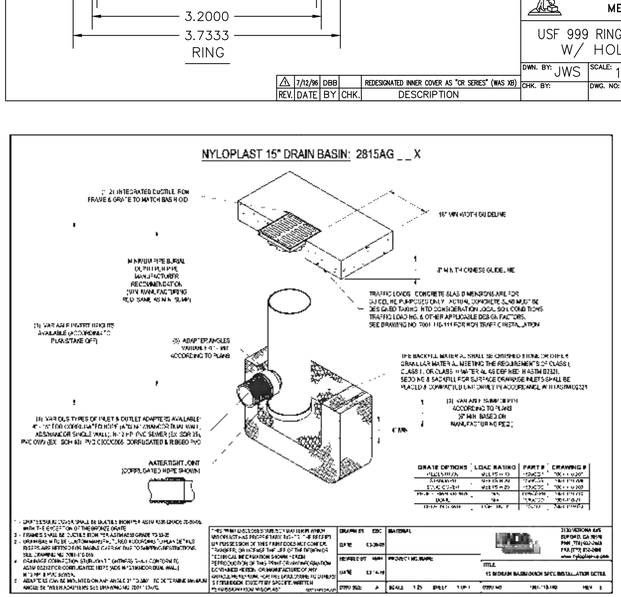
NOTES:
1– MATERIAL: ASTM–A48 CLASS 30 B GRAY IRON.
2– COVER WGT: 190 LBS. APP.
3– DOUBLE COVER WGT: 220 LBS. APP.
4– RING WGT: 220 LBS. APP.
△5– INNER COVER USES USF XB DRAG.

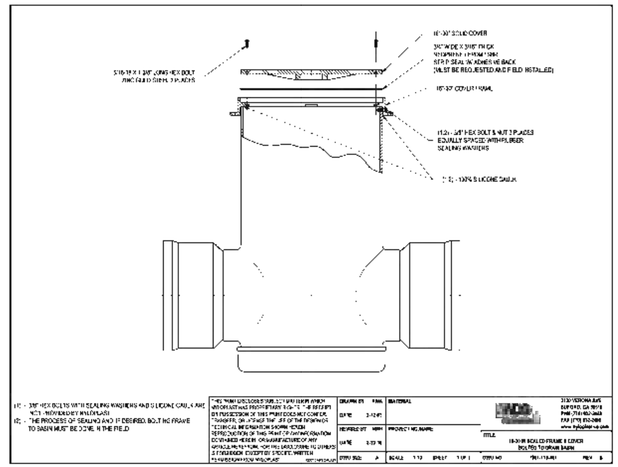
U.S. FOUNDRY & MFG. CORP.
MEDLEY, FLORIDA

USF 999 RING & CR SERIES COVERS W/ HOLLYWOOD LOGO

REV.	DATE	BY	CHK.	DESCRIPTION
△	7/12/96	DBB		REDESIGNATED INNER COVER AS "CR SERIES" (WAS XB)

DWN. BY: JWS | SCALE: 1"= 1'–0" | DATE: 3/07/96
CHK. BY: | DWG. NO: A3554 | REV: △





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AUSTIN P. BOCCHINO LICENSE No 82461 STATE OF FLORIDA PROFESSIONAL ENGINEER

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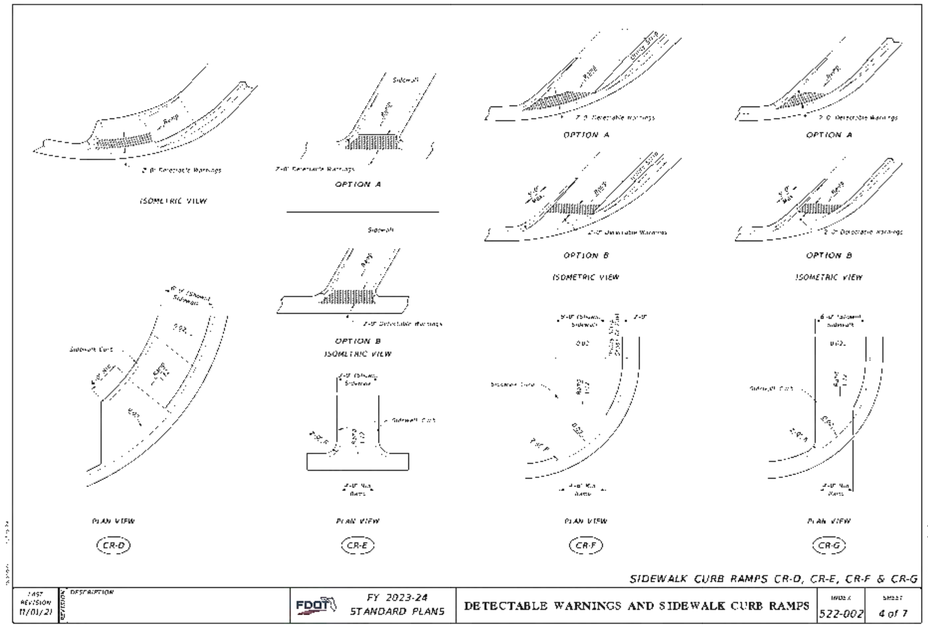
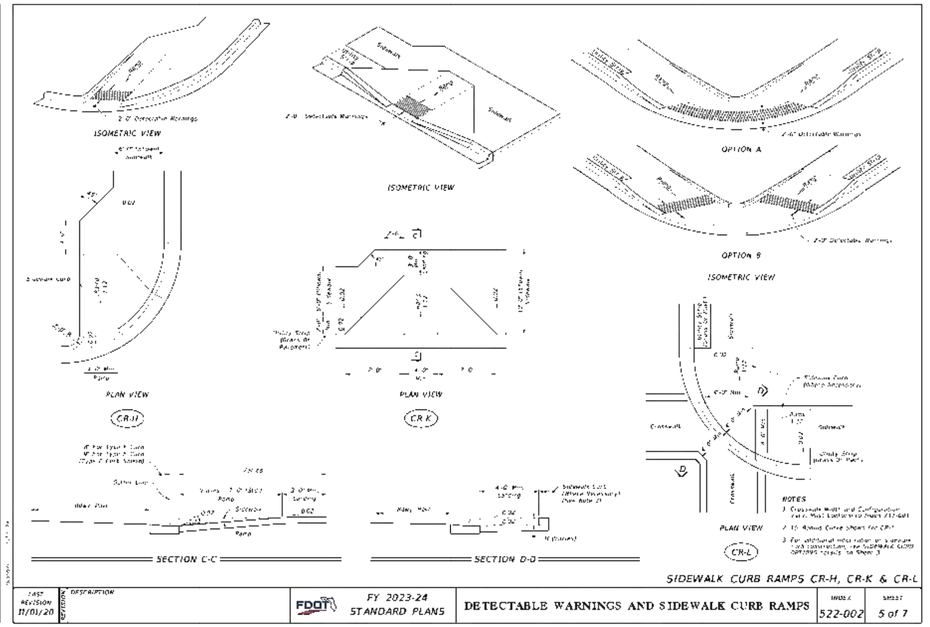


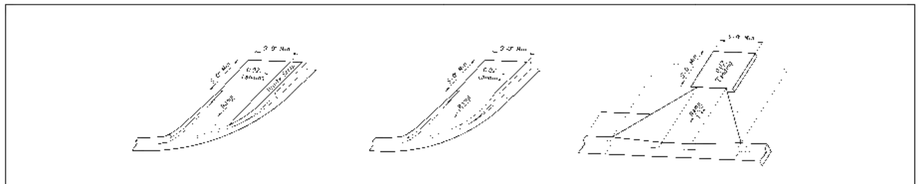
SIDEWALK CURB RAMPS CR-D, CR-E, CR-F & CR-G

LAST REVISION 11/01/21	DESCRIPTION	FDOT FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX # 522-002	SHEET 4 of 7



SIDEWALK CURB RAMPS CR-H, CR-K & CR-L

LAST REVISION 11/01/20	DESCRIPTION	FDOT FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX # 522-002	SHEET 5 of 7



CURB RAMPS WITHOUT SIDEWALKS AND FLUSH SHOULDER SIDEWALKS

LAST REVISION 11/01/20	DESCRIPTION	FDOT FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX # 522-002	SHEET 6 of 7

No.	REVISIONS	DATE	BY

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DATE: 5/17/2024

KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

PAVING GRADING & DRAINAGE DETAILS

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP
ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-407

Sheet Set:Boomerang Residences Layout:C-406 PAVING GRADING & DRAINAGE DETAILS May 17, 2024 09:12:50am \\kimley-horn.com\FL_FTL\FTL_Civil\040879026 Hollywood Boomerang 901 S Ocean Dr\Design\CADD\PlanSheets\PAVING GRADING & DRAINAGE DETAILS.dwg
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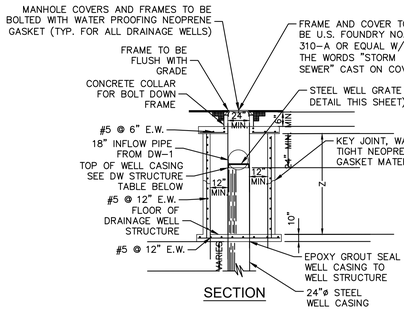

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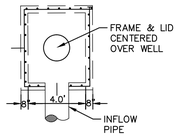

TOP VIEW

PRECAST STORM DRAINAGE WELL (DW-1)

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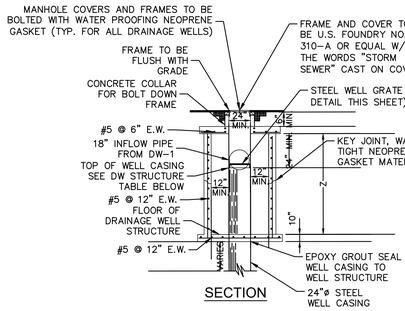

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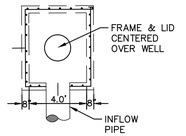

TOP VIEW

PRECAST STORM DRAINAGE WELL (DW-2)

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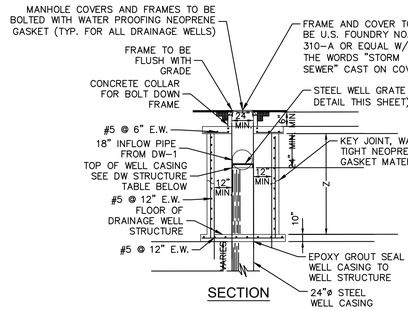

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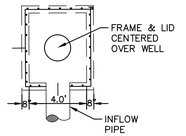

TOP VIEW

PRECAST STORM DRAINAGE WELL (DW-3)

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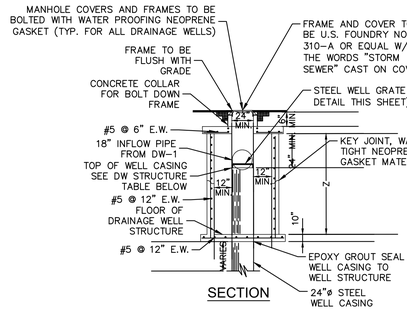

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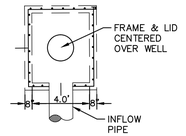


TOP VIEW

PRECAST STORM DRAINAGE WELL (DW-4)

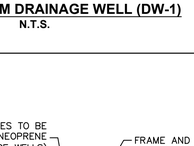
N.T.S.

DRAINAGE WELL STRUCTURES STRUCTURAL NOTES:

1. DESIGN CRITERIA: DESIGN, FABRICATION AND ERECTION OF PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318-99 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND PCI DESIGN HANDBOOK. DESIGN OF CAST-IN-PLACE CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318-99.
2. DESIGN LIVE LOADS: THE TOP SLAB OF DRAINAGE STRUCTURE SHALL BE DESIGNED TO CARRY TRAFFIC LOADS (HS 20 LOADING).
3. GEOTECHNICAL CRITERIA: SOIL BEARING PRESSURE UNDER STRUCTURE ASSUMED TO BE AT MINIMUM 2000 PSF. PRIOR TO INSTALLATION OF DRAINAGE STRUCTURE THE SOIL BEARING CAPACITY OF THE FOUNDATION MUST BE CONFIRMED BY THE CONTRACTOR, THROUGH A CERTIFIED GEOTECHNICAL LABORATORY.
4. CONCRETE: CONCRETE SHALL BE NORMAL WEIGHT, AND SHALL ATTAIN A 28, DAY COMPRESSIVE STRENGTH OF 4000 PSI AND SHALL MEET THE REQUIREMENT OF ASTM C478. CONCRETE COVER FOR REINFORCEMENT SHALL BE 2 INCHES EXCEPT FOOTING BOTTOM BARS SHALL HAVE 3" COVER.
5. REINFORCING: REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, AND SHALL BE OF U.S. MANUFACTURE.
6. MORTAR: MORTAR GROUT TO SEAL THE PIPE, TOP SLABS, AND LEVELING COURSE SHALL BE OF SUCH A MIX THAT SHRINKAGE WILL NOT CAUSE LEAKAGE INTO OR OUT OF THE UNIT. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR MORTAR FOR ENGINEER REVIEW AND APPROVAL.
7. SHOP DRAWINGS: CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, SIGNED AND SEACOVER BY A FLORIDA LICENSED ENGINEER, FOR PRECAST STRUCTURES TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE CONSTRUCTION OF STRUCTURE.
8. MANHOLE RING & COVER: ALL MANHOLE RINGS AND COVERS, WITHIN PRIVATE PROPERTY, SHALL HAVE THE WORD "STORM SEWER" CAST ON COVER.

NOTES:

1. DEEP WELLS TO BE CONSTRUCTED PER DRAINAGE WELL SCHEDULE. CONTRACTOR IS TO VERIFY A TOTAL FLOW RATE OF 2,400 GPM PER FOOT OF HEAD, AND CONTACT ENGINEER OF RECORD AFTER EACH WELL IS DRILLED TO REPORT THE CAPACITY OF EACH WELL. CONTRACTOR MUST PROVIDE 60% CASED AND 40% OPEN WELL AT ANY DEPTH.
2. STEEL WELL GRATE TO BE INSTALLED OVER 24" WELL CASING. STEEL GRATE TO BE HOT DIPPED GALVANIZED AFTER FABRICATION. COST TO BE INCLUDED IN THE PRICE OF CASING.
3. DEVELOPER OF WELL TO ASSURE 1500 P.P.M. SALINITY. THE WELL CASING SHALL PENETRATE A ZONE CONTAINING A MINIMUM OF 10,000 mg/L OF TOTAL DISSOLVED SOLIDS (TDS) IN ACCORDANCE WITH RULE 62-528.200(6), FAC.
4. WELL TESTING TO COMPLY WITH ASTM D 5472-93 AND D-4050-96 AND BE PERFORMED BY A THIRD PARTY FLORIDA REGISTERED GEOLOGIST.
5. ALL DRAINAGE WELL BOXES SHALL BE WATER TIGHT. ALL WELL BOX CONSTRUCTION JOINTS SHALL BE WATER TIGHT. WELL BOX MUST BE DESIGNED FOR UPLIFT FORCES (MIN 3 PSI) AND SIGNED AND SEALED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
6. CONTRACTOR TO SUBMIT SHOP DRAWING TO ENGINEER OF RECORD.



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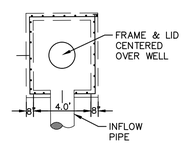
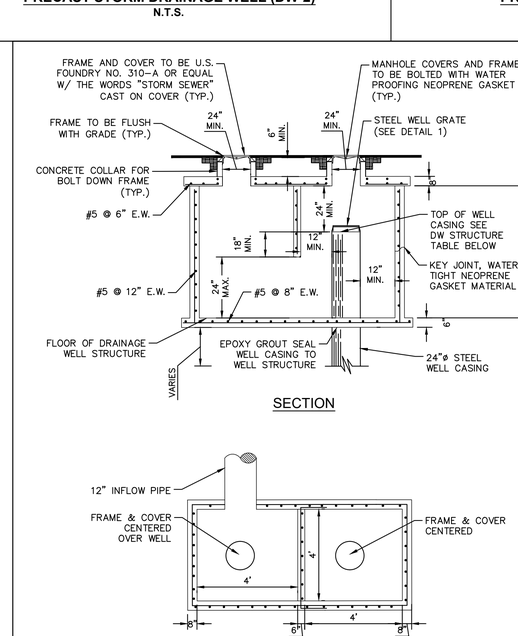


TOP VIEW

PRECAST STORM DRAINAGE WELL (DW-5)

N.T.S.

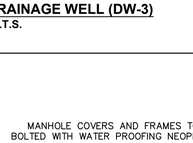


SECTION

TOP VIEW

PRECAST STORM DRAINAGE WELL (DW-6)

N.T.S.



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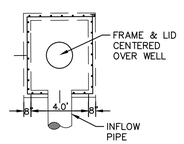
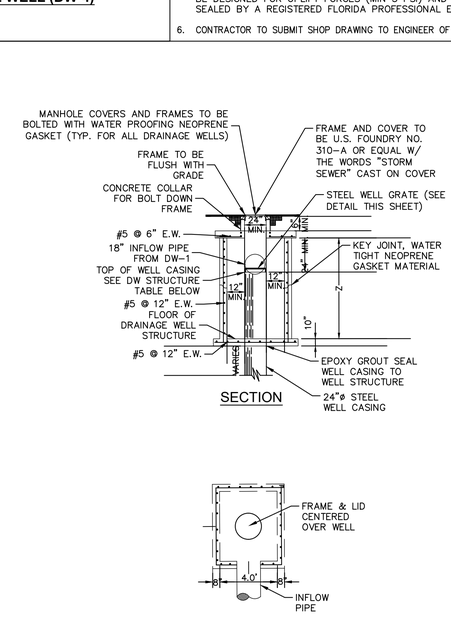


TOP VIEW

PRECAST STORM DRAINAGE WELL (DW-7)

N.T.S.



SECTION

TOP VIEW

PRECAST STORM DRAINAGE WELL (DW-8)

N.T.S.

DRAINAGE WELL STRUCTURE TABLE

STRUCT. NO.	FRAME & COVER	INVERT N	INVERT S	INVERT E	INVERT W	M.H. RIM ELEVATION	WELL CASING ELEVATION	STRUCTURE FLOOR ELEVATION	HEIGHT OF WELL STRUCTURE BOX (Z)	LOCATION LATITUDE	LOCATION LONGITUDE	REMARKS
DW-1	SEE DETAIL	–	1.00'(SE)	–	–	6.00'	3.50'	0.00'	6.17'	N26° 00' 25.01"	W80° 07' 04.62"	24" DIA. CASED DEEP WELL (SEE DRAINAGE WELL NOTES, THIS SHEET)
DW-2	SEE DETAIL	–	1.00'(SE)	–	–	6.00'	3.50'	0.00'	6.17'	N26° 00' 24.56"	W80° 07' 04.64"	
DW-3	SEE DETAIL	–	–	1.00'(NE)	–	6.00'	3.50'	0.00'	6.17'	N26° 00' 24.09"	W80° 07' 04.40"	
DW-4	SEE DETAIL	–	1.00'	–	–	6.00'	3.50'	0.00'	6.17'	N26° 00' 25.48"	W80° 07' 02.28"	
DW-5	SEE DETAIL	1.00'	–	–	–	6.00'	3.50'	0.00'	6.17'	N26° 00' 24.15"	W80° 07' 00.84"	
DW-6	SEE DETAIL	1.00'	–	–	–	6.00'	3.50'	0.00'	6.17'	N26° 00' 24.12"	W80° 07' 01.79"	
DW-7	SEE DETAIL	–	1.00'	1.00'	–	6.00'	3.50'	0.00'	6.17'	N26° 00' 25.38"	W80° 07' 04.04"	
DW-8	SEE DETAIL	1.00'	–	–	–	6.00'	3.50'	0.00'	6.17'	N26° 00' 24.08"	W80° 07' 03.93"	

No.	REVISIONS	DATE	BY

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KATHY P. BOUCHARD No 82461 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: 5/17/2024

KHA PROJECT	040879026
DATE	5/17/2024
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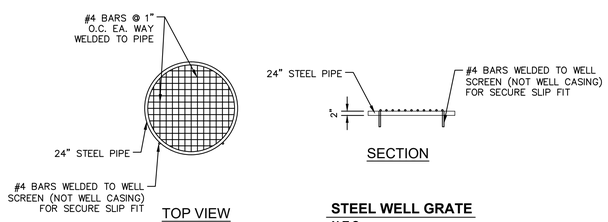
DRAWN BY	KHA
CHECKED BY	APB

DRAINAGE WELL DETAILS

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-408



STEEL WELL GRATE
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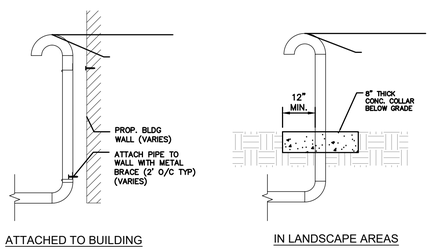
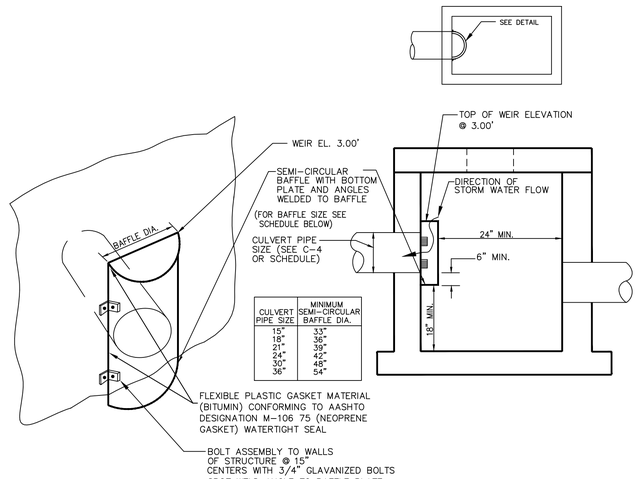


VENT PIPE / GOOSE NECK DETAIL
N.T.S.



CULVERT PIPE SIZE	MINIMUM SEMI-CIRCULAR BAFFLE DIA.
15"	33"
18"	36"
21"	39"
24"	42"
30"	48"
36"	54"

NOTES: HALF ROUND PLATE TO BE WELDED TO BOTTOM FOR OVERFLOW.

INVERTED BAFFLE (TYPICAL)
N.T.S.

No.	REVISIONS	DATE	BY

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DRAINAGE WELL DETAILS

BOOMERANG RESIDENCES
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CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-409

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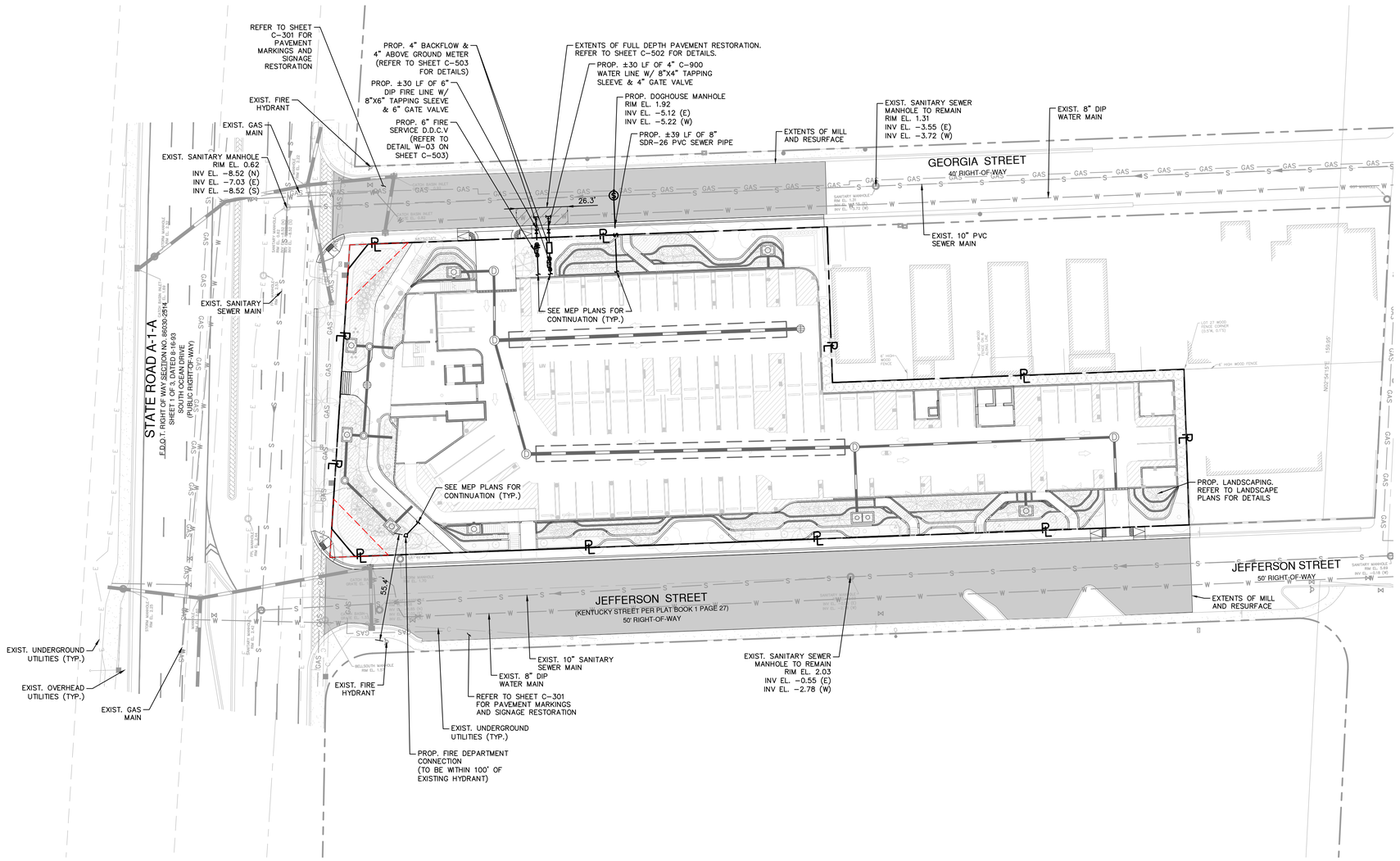

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND

- PROPERTY LINE AND/OR RIGHT-OF-WAY
- ROAD CENTERLINE
- EXIST. WATER MAIN
- EXIST. SEWER MAIN
- PROP. WATER MAIN
- PROP. SEWER MAIN
- EXIST. SEWER MANHOLE
- EXIST. WATER METER
- EXIST. WATER VALVE
- EXIST. FIRE HYDRANT
- PROP. WATER VALVE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER CLEANOUT
- PROPOSED FIRE HYDRANT
- PROPOSED FIRE DEPARTMENT CONNECTION
- PROPOSED WATER VALVE
- PROPOSED TEE/ TAPPING SLEEVE
- PROPOSED REDUCED PRESSURE BACKFLOW PREVENTER & METER
- PROPOSED DOUBLE DETECTOR CHECK W/ WAFER CHECK VALVE ON DOWNSTREAM SIDE

NOTES:

1. ALL WORK WITHIN BROWARD COUNTY RIGHT-OF-WAY MUST BE IN CONFORMITY WITH THE BROWARD COUNTY STANDARDS AND/OR REQUIREMENTS.
2. THE CONTRACTOR MUST POT HOLE AND VERIFY THE LOCATION AND ELEVATION OF EXISTING WATER MAINS AND SANITARY SEWER MAINS BEFORE MAKING TIE-IN CONNECTIONS.
3. THE CONTRACTOR MUST USE EXTREME CARE TO AVOID DAMAGE OR DISRUPTION TO ANY EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT. ALL PLAN LOCATIONS ARE APPROXIMATE, AND SHALL BE FIELD VERIFIED. CONTRACTOR IS TO CONTACT SUNSHINE ONE CALL OF FLORIDA 1-800-432-4770, AND ALL OTHER PARTICIPATING UTILITIES, 48-HOURS PRIOR TO CONSTRUCTION FOR FIELD MARK-UP LOCATIONS OF EXISTING UTILITIES AND FACILITIES.
4. THE CONTRACTOR MUST INFORM THE CITY AT LEAST 48-HOURS IN ADVANCE OF CONSTRUCTION, IN WRITING, IF ANY CONFLICT IS DISCOVERED DURING POT HOLE OPERATIONS FOR RESOLUTION BY THE CITY.
5. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE UTILITIES DEPARTMENT OF THE CITY OF FORT LAUDERDALE AT LEAST 48-HOURS IN ADVANCE TO COORDINATE ANY ACTIVITY OF CONSTRUCTION TO BE PERFORMED BY THE CITY'S UTILITIES DEPARTMENT.
6. ALL PAVEMENT FOR ANY ROAD CUTS OR CURB CUTS FOR UTILITIES WITHIN THE CITY RIGHT-OF-WAY SHALL BE RESTORED TO FULL LANE WIDTH FOR A 50' MINIMUM LENGTH, IN ACCORDANCE WITH CITY CODE OF ORDINANCES SECTION 25-108.
7. ALL INSTALLATIONS WITHIN BROWARD COUNTY RIGHT-OF-WAY SHALL BE IN CONFORMITY WITH THE BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION "MINIMUM STANDARDS."
8. ALL SANITARY SEWER MANHOLES INSTALLED WITHIN PUBLIC RIGHT-OF-WAY SHALL HAVE CITY OF FORT LAUDERDALE LOGO, AS PER CITY OF FORT LAUDERDALE DETAILS 200 AND 201.
9. ALL SANITARY SEWER MANHOLES INSTALLED WITHIN PRIVATE PROPERTY SHALL BE USF 485/3140 ASTM-A48 CLASS 35B (OR APPROVED EQUAL) WITH THE WORDS 'SANITARY'.
10. REFER TO CITY OF HOLLYWOOD PAVEMENT RESTORATION DETAILS ON SHEET C-406 PAVING, GRADING AND DRAINAGE DETAILS.
11. THE CITY OF HOLLYWOOD INSPECTOR SHALL BE PRESENT TO OBSERVE ALL WATER AND SEWER INSTALLATIONS.
12. SANITARY SEWER MANHOLES LOCATED WITHIN PRIVATE PROPERTY WILL BE OWNED AND MAINTAINED BY OWNER. AN ACCESS EASEMENT SHALL BE PROVIDED FOR EACH MANHOLE WITHIN PRIVATE PROPERTY, PRIOR TO 'SIGN-OFF FROM THE CITY ENGINEER FOR CERTIFICATE OF OCCUPANCY.
13. CONTRACTOR TO COORDINATE WITH CITY INSPECTOR AND CITY ENGINEERING DEPARTMENT REGARDING ALL REPORTS AND CLOSE-OUT DOCUMENTS REQUIRED PRIOR TO CERTIFICATE OF OCCUPANCY.
14. A MINIMUM 5' AND 10' HORIZONTAL SEPARATION IS REQUIRED BETWEEN CITY UTILITIES INFRASTRUCTURE AND PROPOSED SMALL AND LARGE TREES, RESPECTIVELY.
15. ALL UNDERGROUND FIRE MAIN WORK MUST BE COMPLETED BY FIRE PROTECTION CONTRACTOR HOLDING A CLASS I, II, OR V LICENSE PER FS 633.102.
16. WATER SUPPLY AND ANY NEW HYDRANTS SHALL BE IN PLACE PRIOR TO ACCUMULATION OF COMBUSTIBLE MATERIALS PER NFPA 1 (2018 ED.) SECTION 16.4.3.1.1.
17. ENSURE COMPLIANCE WITH FLORIDA FIRE PREVENTION CODE (7TH ED.), NFPA 1 (2018 ED.), NFPA 101 (2018 ED.).

FIRE FLOW CALCULATIONS:

BOOMERANG RESIDENCE

A SIX STORY MID RISE CONDO

THESE CALCULATIONS ARE FOR A SIX (6) STORY BUILDING, WITH A TOTAL GROUND FLOOR SQUARE FOOTAGE OF 24,669.50 SF. THE ENTIRE BUILDING IS NON-COMBUSTIBLE CONSTRUCTION.

FIRE FLOW AREA = 74,008.50 SF

BASED ON TYPE II (222) CONSTRUCTION. PER NFPA 18.4.4.1 FIRE FLOW AREA, THE FIRE FLOW AREA IS BASED ON THE TOTAL SQUARE FOOTAGE OF THE THREE LARGEST FLOORS, WHICH IS 74,008.50 SQUARE FEET.

PER TABLE 18.4.5.2.1, THE FIRE FLOW REQUIREMENT IS 3,000 GPM FOR 2 HOURS.

NFPA 18.4.5.3.2 STATES THAT THE REQUIRED FIRE FLOW CAN BE REDUCED BY 75% IF THE BUILDING HAS AUTOMATIC SPRINKLERS.

3,000 GPM X 75% = 2,250 GPM (FIRE FLOW CREDIT)

3,000 GPM - 2,250 GPM = 750 GPM

THE MINIMUM FIRE FLOW PER NFPA 18.4.5.3.2 IS 1,000 GPM

FIRE FLOW REQUIRED = 1,000 GPM

BOOMERANG DEVELOPMENT

A GROUND LEVEL GARAGE

THESE CALCULATIONS ARE FOR A ONE (1) STORY PARKING GARAGE, WITH A TOTAL GROUND FLOOR SQUARE FOOTAGE OF 33,165 SF. THE ENTIRE BUILDING IS NON-COMBUSTIBLE CONSTRUCTION.

FIRE FLOW AREA = 36,830 SF

BASED ON TYPE II (222) CONSTRUCTION. PER NFPA 18.4.4.1 FIRE FLOW AREA, THE FIRE FLOW AREA IS BASED ON THE TOTAL SQUARE FOOTAGE OF THE THREE LARGEST FLOORS, WHICH IS 96,304 SQUARE FEET.

PER TABLE 18.4.5.2.1, THE FIRE FLOW REQUIREMENT IS 2,000 GPM FOR 2 HOURS.

NFPA 18.4.5.3.2 STATES THAT THE REQUIRED FIRE FLOW CAN BE REDUCED BY 75% IF THE BUILDING HAS AUTOMATIC SPRINKLERS.

2,000 GPM X 75% = 1,500 GPM (FIRE FLOW CREDIT)

2,000 GPM - 1,500 GPM = 500 GPM

THE MINIMUM FIRE FLOW PER NFPA 18.4.5.3.2 IS 1,000 GPM

FIRE FLOW REQUIRED = 1,000 GPM

PROPOSED WATER AND WASTEWATER DEMAND CALCULATIONS

LAND USE	DEMAND	UNIT	DEMAND RATE		GPD
PROPOSED LAND USE					
APARTMENT (WEST TOWER)	36	UNITS	141	GPD/UNIT	5,076
APARTMENT (EAST TOWER)	12	UNITS	141	GPD/UNIT	1,692
SUBTOTAL					6,768
NET TOTAL					6,768

Sunshine811.com

No.	REVISIONS	DATE	BY

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AUSTIN P. BOUCHARD No 82461 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: 5/17/2024

KHA PROJECT 040879026
DATE 5/17/2024
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY APB

WATER & SEWER PLAN

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-500

Sheet Set:Boomerang Residences Layout:C-500 WATER & SEWER PLAN May 17, 2024 09:45:39am K:\FTL_civil\049 Jobs\040879026 hollywood boomerang 901 s ocean dr\Design\CADD\plansheets\WATER & SEWER PLAN.dwg
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GENERAL NOTES:

1. THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH BIDS WILL BE BASED.
2. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO APPLICABLE STANDARDS AND SPECIFICATIONS OF THE CITY OF HOLLYWOOD DEPARTMENT OF PUBLIC UTILITIES, ENGINEERING AND CONSTRUCTION SERVICES DIVISION (ECSD), AND ALL OTHER LOCAL, STATE AND NATIONAL CODES, WHERE APPLICABLE.
3. LOCATIONS, ELEVATIONS, SIZES, MATERIALS, ALIGNMENTS, AND DIMENSIONS OF EXISTING FACILITIES, UTILITIES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF THE PREPARATION OF THESE PLANS; AND DO NOT PURPORT TO BE ABSOLUTELY CORRECT. ALSO, THERE MAY HAVE BEEN OTHER IMPROVEMENTS, UTILITIES, ETC., WITHIN THE PROJECT AREA WHICH WERE CONSTRUCTED AFTER THE PREPARATION OF THESE PLANS AND/OR THE ORIGINAL SITE SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND OTHER FEATURES AFFECTING HIS/HER WORK PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICT BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ANY FACILITIES SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL WORK AS NEEDED TO AVOID CONFLICT WITH EXISTING UTILITIES (NO ADDITIONAL COST SHALL BE PAID FOR THIS WORK). EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE RESPECTIVE UTILITY OWNER.
4. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES TO ARRANGE FOR THE RELOCATION AND TEMPORARY SUPPORT OF UTILITY FEATURES, ETC. AS NECESSARY TO COMPLETE THE WORK.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ANY AND ALL EXISTING UTILITIES ON THIS PROJECT, AND TO ENSURE THAT EXISTING UTILITIES ARE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS APPROVED OTHERWISE BY THE UTILITY OWNER.
6. CONTRACTOR SHALL ADJUST ALL EXISTING UTILITY CASTINGS INCLUDING VALVE BOXES, MANHOLES, HAND-HOLES, PULL-BOXES, STORMWATER INLETS, AND SIMILAR STRUCTURES IN CONSTRUCTION AREA TO BE OVERLAID WITH ASPHALT PAVEMENT.
7. THE CONTRACTOR IS REQUIRED TO OBTAIN ALL APPLICABLE CONSTRUCTION AND ENVIRONMENTAL PERMITS PRIOR TO THE START OF CONSTRUCTION.
8. THE CONTRACTOR SHALL NOTIFY ECSD AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
9. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND INSTALLATION OF THE PROPOSED IMPROVEMENTS, SHOP DRAWINGS SHALL BE SUBMITTED TO ECSD IN ACCORDANCE WITH THE CONTRACT DOCUMENT'S REQUIREMENTS, FOR APPROVAL IN ADDITION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY OTHER AGENCY SHOP DRAWING APPROVAL, IF REQUIRED.
10. THE CONTRACTOR SHALL NOTIFY ECSD IMMEDIATELY FOR ANY CONFLICT ARISING DURING CONSTRUCTION OF ANY IMPROVEMENTS SHOWN ON THESE DRAWINGS. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED
11. ELEVATIONS SHOWN ARE IN FEET AND ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

ISSUED: DECEMBER 1999	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 05/2022	
DRAWN: EAM	GENERAL NOTES	DRAWING NO. G-00	
APPROVED: XXX			

GENERAL NOTES (CONTINUED):

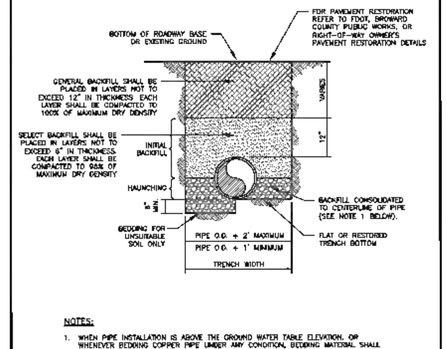
12. CITY OF HOLLYWOOD SHALL NOT PROVIDE STAGING / STORAGE AREA. CONTRACTOR SHALL SECURE STAGING / STORAGE AREA AS NECESSARY FOR CONSTRUCTION WORK.
13. CONTRACTOR SHALL HAUL AWAY EXCESSIVE STOCKPILE OR SOIL FOR DISPOSAL EVERY DAY. NO STOCKPILE SOIL IS ALLOWED TO BE LEFT ON THE CONSTRUCTION SITE OVER NIGHT.
14. CONTRACTOR SHALL CLEAN / SWEEP THE ROAD AT LEAST ONCE DAY OR AS REQUIRED BY THE ENGINEER.
15. CONTRACTOR SHALL PROTECT CATCH BASINS WITHIN / ADJACENT TO THE CONSTRUCT ON SITE AS REQUIRED BY NPDES REGULATIONS.
16. THE CITY OF HOLLYWOOD HAS A NOISE ORDINANCE (CHAPTER 100) WHICH PROHIBITS EXCAVATION AND CONSTRUCTION BEFORE 8:00 A.M. AND AFTER 6:00 P.M., MONDAY THROUGH SATURDAY AND ALL DAY SUNDAY.
17. SUITABLE EXCAVATED MATERIAL SHALL BE USED IN FILL AREAS. NO SEPARATE PAY ITEM FOR THIS WORK, INCLUDE COST IN OTHER ITEMS.
18. ALL ROAD CROSSINGS ARE OPEN CUT AS PER THE REQUIREMENTS OF THE ECSD UNLESS OTHERWISE NOTED ON THE DRAWINGS.
19. THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZING LAWN, DRIVEWAYS, PARKING LOTS, SIDEWALKS, ETC. TO SATISFY THE INSTALLATION OF THE PROPOSED IMPROVEMENTS WITH THE SAME TYPE OF MATERIAL THAT WAS REMOVED DURING CONSTRUCTION OR AS DIRECTED BY ECSD FIELD ENGINEER.
20. THE CONTRACTOR SHALL NOT ENCROACH INTO PRIVATE PROPERTY WITH PERSONNEL, MATERIAL OR EQUIPMENT IN CASE WORK ON PRIVATE PROPERTY IS NEEDED, A CITY OF HOLLYWOOD 'RIGHT OF ENTRY' FORM MUST BE SIGNED BY PROPERTY OWNER AND THE DIRECTOR OF PUBLIC UTILITIES. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ACCESS AT ALL TIMES TO PRIVATE HOMES/BUSINESSES.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE, REMOVAL OR MODIFICATION, CAUSED TO ANY IRRIGATION SYSTEM (PRIVATE OR PUBLIC) ACCIDENTALLY OR PURPOSELY. THE CONTRACTOR SHALL REPLACE ANY DAMAGED, REMOVED OR MODIFIED IRRIGATION PIPES, SPRINKLER HEADS OR OTHER PERTINENT APPURTENANCES TO MATCH OR EXCEED EXISTING CONDITIONS AT NO ADDITIONAL COST TO THE CITY.
22. MAIL BOXES, FENCES OR OTHER PRIVATE PROPERTY DAMAGED DURING THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE REPLACED TO MATCH OR EXCEED EXISTING CONDITION.
23. CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH FDOT STANDARDS AND CITY OF HOLLYWOOD DEPARTMENT OF PUBLIC UTILITIES STANDARDS.
24. NO TREES ARE TO BE REMOVED OR RELOCATED WITHOUT PRIOR APPROVAL FROM THE ECSD FIELD ENGINEER.
25. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY TREE REMOVAL OR RELOCATION PERMITS FROM THE CITY OF HOLLYWOOD BUILDING DEPARTMENT FOR TREES LOCATED IN THE PUBLIC RIGHT-OF-WAY.
26. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE REGULATORY STANDARDS / REQUIREMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF ECSD.

ISSUED: DECEMBER 1999	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 05/2022	
DRAWN: EAM	GENERAL NOTES (CONTINUED)	DRAWING NO. G-00.1	
APPROVED: XXX			

GENERAL NOTES (CONTINUED):

27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF AND MAKING THE REPAIRS TO EXISTING PAVEMENT, SIDEWALKS, PIPES, CONDUITS, CURBS, CABLES, ETC., WHETHER OR NOT SHOWN ON THE PLANS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS AND/OR THOSE OF HIS SUBCONTRACTORS, AND SHALL RESTORE THEM PROMPTLY AT NO ADDITIONAL EXPENSE TO THE OWNER. CONTRACTOR SHALL REPORT ANY DAMAGE TO SIDEWALK, DRIVEWAY, ETC., PRIOR TO BEGINNING WORK IN ANY AREA.
28. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT TO MATCH EXISTING CONDITIONS.
29. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES, OR PARTS OF, EXPOSED OR OPENED AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES, WHEN THE CONTRACTOR IS NOT WORKING, UNLESS OTHERWISE DIRECTED. ALL TRENCHES SHALL BE COVERED, FIRMLY SECURED AND MARKED ACCORDINGLY FOR PEDESTRIAN / VEHICULAR TRAFFIC.
30. ALL EXCAVATED MATERIAL REMOVED FROM THIS PROJECT SHALL BE DISPOSED OF OFF THE PROPERTY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
31. ALL DUCTILE IRON PRODUCTS SHALL BE DOMESTIC MADE HEAVY DUTY CLASSIFICATION SU TABLE FOR HIGHWAY TRAFFIC LOADS, OR 20,000 LB.
32. ALL GRASSED AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED.
33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OF THE LATEST REVISION OF FDOT DESIGN STANDARDS. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVING OF ALL TRAFFIC CONTROL AND INFORMATION SIGNAGE REMOVED DURING THE CONSTRUCTION PERIOD.
34. EXCAVATED OR OTHER MATERIAL STORED ADJACENT TO OR PARTIALLY UPON A ROADWAY PAVEMENT SHALL BE ADEQUATELY MARKED FOR TRAFFIC SAFETY AT ALL TIMES
35. TEMPORARY PATCH MATERIAL MUST BE ON THE JOB SITE WHENEVER PAVEMENT IS CUT, OR THE CITY'S INSPECTOR WILL SHUT THE JOB DOWN.
36. CONTRACTOR MUST PROVIDE FLASHER ARROW SIGNAL FOR ANY LANE THAT IS CLOSED OR DIVERTED.
37. CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF TRAFFIC DETOUR IN ACCORDANCE WITH SECTION 336.07 OF FLORIDA STATUTES.
38. CONTRACTOR TO RESTORE PAVEMENT TO ORIGINAL CONDITION AS REQUIRED.
39. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING DEWATERING PER SPECIFICATION SECTION 02240 DEWATERING.

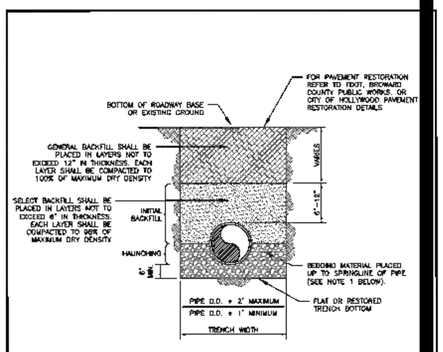
ISSUED: DECEMBER 1999	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 05/2022	
DRAWN: EAM	GENERAL NOTES (CONTINUED)	DRAWING NO. G-00.2	
APPROVED: XXX			



NOTES:

1. WHEN PIPE INSTALLATION IS ABOVE THE GROUND WATER TABLE ELEVATION, OR WHENEVER BEDDING COPPER PIPE UNDER ANY CONDITION, BEDDING MATERIAL SHALL BE CLEAN SANDY SOIL IF AVAILABLE WITHIN THE LIMITS OF CONSTRUCTION. IMPORTED BEDDING SHALL BE WELL GRADED, WASHED CRUSHED STONE (OR GRANITOID LIMEROCK) CRUSHED STONE SHALL CONSIST OF HARD, DURABLE, SUB-ANGULAR PARTICLES OF PROPER SIZE AND GRADATION, AND SHALL BE FREE FROM ORGANIC MATERIAL, WOOD, TRASH, SAND, LOAM, CLAY, EXCESS FINES, AND OTHER DELETERIOUS MATERIALS.
2. ALL BEDDING MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY BEFORE ANY PIPE IS LAID. FOR ADDITIONAL MATERIAL SPECIFICATIONS REFER TO SPECIFICATION SECTION 02222, "EXCAVATION AND BACKFILL FOR UTILITIES."
3. DENSITY TESTING SHALL BE IN ACCORDANCE WITH AASHTO T-180 AND ASTM D-3017
4. BACKFILL TO COMPLY WITH FDOT DESIGN STANDARD 125-8.

ISSUED: DECEMBER 1999	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 05/2022	
DRAWN: EAM	PIPE LAYING CONDITION TYPICAL SECTION (D.I.P.)	DRAWING NO. G-02	
APPROVED: XXX			



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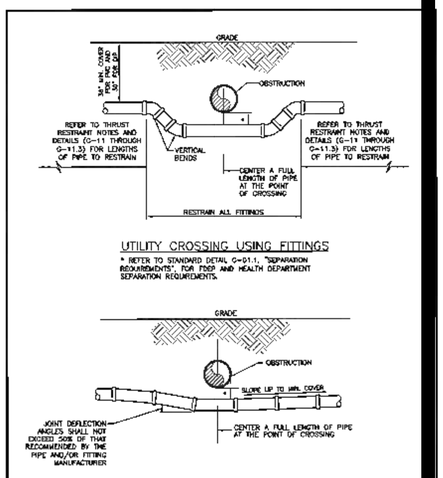
3. DENSITY TESTING SHALL BE IN ACCORDANCE WITH AASHTO T-180 AND ASTM D-3017
4. BACKFILL TO COMPLY WITH FDOT DESIGN STANDARD 125-8.

ISSUED: DECEMBER 1999	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 05/2022	
DRAWN: EAM	PIPE LAYING CONDITION TYPICAL SECTION (P.V.C.)	DRAWING NO. G-03	
APPROVED: XXX			



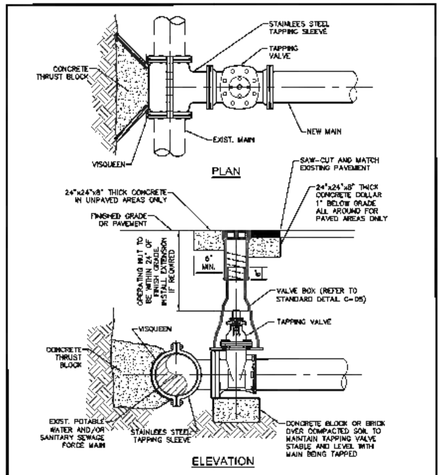
UTILITY CROSSING USING FITTINGS

* REFER TO STANDARD DETAIL G-01.1, "SEPARATION REQUIREMENTS", FOR FDEP AND HEALTH DEPARTMENT SEPARATION REQUIREMENTS.

UTILITY CROSSING USING JOINT DEFLECTIONS

* REFER TO STANDARD DETAIL G-01.1, "SEPARATION REQUIREMENTS", FOR FDEP AND HEALTH DEPARTMENT SEPARATION REQUIREMENTS.

ISSUED: DECEMBER 1999	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 05/2022	
DRAWN: EAM	UTILITY CROSSING DETAIL	DRAWING NO. G-04	
APPROVED: XXX			



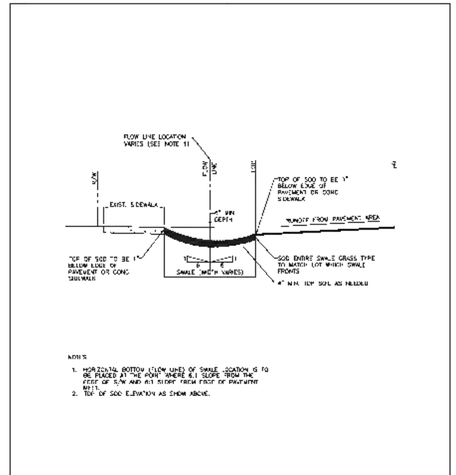
PLAN

ELEVATION

NOTES:

1. NOTIFY THE CITY OF HOLLYWOOD 48 HOURS IN ADVANCE OF PROPOSED TAP.
2. TAPPING MUST BE DONE IN THE PRESENCE OF AN AUTHORIZED CITY REPRESENTATIVE.
3. TEMPORARY THRUST BLOCKS TO BE INSTALLED AND REMAIN IN PLACE DURING TAPPING OPERATIONS.
4. FOR SEWAGE FORCE MAINS, REFER TO DETAIL OF PRIVATE FORCE MAIN TIE-IN AT PROPERTY LINE.
5. FOR WATER MAINS, A GATE VALVE OF SAME DIAMETER SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF THE TAPPING VALVE.

ISSUED: DECEMBER 1999	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 05/2022	
DRAWN: EAM	TYPICAL TAPPING SLEEVE AND VALVE SETTING	DRAWING NO. G-06	
APPROVED: XXX			



NOTES:

1. HORIZONTAL BOTTOM (FLOW LINE) OF SWALE LOCATION IS TO BE PLACED AT THE POINT WHERE R.I. SLOPE FROM THE EDGE OF S/W AND ALL SLOPE FROM EDGE OF PAVEMENT MEET.
2. TOP OF SOD ELEVATION AS SHOWN ABOVE.

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, PERMITTING & MOBILITY DIVISION	REVISED: -	
DRAWN: KG	TYPICAL SWALE GRADING	DRAWING NO. C-33	
APPROVED: JS			

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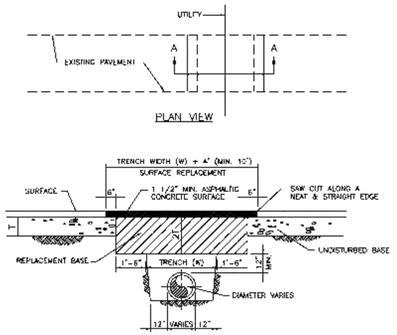
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

DATE: 5/17/2024

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

GENERAL DETAILS

SHEET NUMBER
C-501



NOTES:

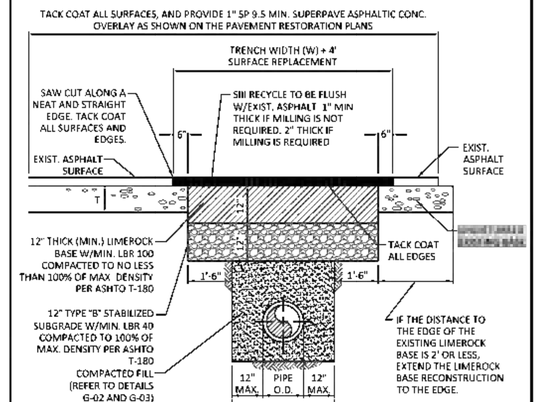
1. REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE, MINIMUM 6", MAXIMUM 16".
2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM (LOOSE MEASUREMENT) LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T-180.
3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
4. SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED AND FEATHERED.
5. SURFACE MATERIAL SHALL BE CONSISTENT WITH THE EXISTING SURFACE.
6. BASE MATERIAL SHALL HAVE A MINIMUM LBR OF 100 AND A MINIMUM CARBONATE CONTENT OF 70%.
7. IF THE TRENCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" ASPHALTIC CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING UNTIL REPLACED WITH A PERMANENT PATCH.
8. MINIMUM PAVEMENT RESTORATION WIDTH IS 10'.

ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
DRAWN: EG	FLEXIBLE PAVEMENT RESTORATION PERPEND. UTILITY INSTALLATION	DRAWING NO.: C-3
APPROVED: JG		

FLEXIBLE PAVEMENT RESTORATION NOTES:

1. THE ABOVE DETAILS APPLY ONLY TO ASPHALT PAVEMENT RESTORATION OVER UTILITY TRENCHES CUT WITHIN CITY OF HOLLYWOOD RIGHTS-OF-WAY. FOR PAVEMENT RESTORATION WITHIN BROWARD COUNTY OR FDOT RIGHTS-OF-WAY REFER TO THE CORRESPONDING DETAILS FOR THOSE AGENCIES.
2. LIMEROCK BASE MATERIAL SHALL HAVE A MINIMUM L.B.R. OF 100 AND A MINIMUM CARBONATE CONTENT OF 70%. REPLACED BASE MATERIAL OVER TRENCH SHALL BE A MINIMUM OF 12" THICK".
3. LIMEROCK BASE MATERIAL SHALL BE PLACED IN 12" MAXIMUM (LOOSE MEASUREMENT) THICKNESS LAYERS WITH EACH LAYER THOROUGHLY ROLLED OR TAMPED AND COMPACTED TO 100% OF MAXIMUM DENSITY, PER AASHTO T-180, PRIOR TO THE PLACEMENT OF THE SUCCEEDING LAYERS.
4. STABILIZED SUBGRADE MATERIAL SHALL BE GRANULAR AND SHALL HAVE A MINIMUM L.B.R. OF 40.
5. BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE PIPE LAYING CONDITION TYPICAL SECTIONS IN DETAILS G-02 AND G-03, AND THE SPECIFICATIONS, BUT TESTING WILL BEGIN 12" ABOVE THE INSTALLED FACILITY.
6. ALL EDGES AND JOINTS OF EXISTING ASPHALT PAVEMENT SHALL BE SAW CUT TO STRAIGHT LINES, PARALLEL TO OR PERPENDICULAR TO THE ROADWAY, PRIOR TO THE RESURFACING.
7. RESURFACING MATERIAL SHALL BE FDOT SUPERPAVE, AND SHALL BE APPLIED A MINIMUM OF TWO INCH IN THICKNESS.
8. MILL AND BUTT JOINT TO EXISTING PAVEMENT.
9. IF THE TRENCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" ASPHALTIC CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING UNTIL REPLACED WITH A PERMANENT PATCH.
10. REFER TO SPECIFICATIONS FOR DETAILED PROCEDURES.
11. WHERE THE UTILITY TRENCH CROSSES EXISTING ASPHALT DRIVEWAYS, THE LIMEROCK BASE THICKNESS MAY BE A MINIMUM OF 6 INCHES THICK REGARDLESS OF THE EXTENT OF IMPACT, THE ENTIRE DRIVEWAY SURFACE BETWEEN THE EDGE OF THE ROADWAY PAVEMENT AND PROPERTY LINE OR FRONT OF SIDEWALK SHALL BE OVERLAID USING 2-INCH THICK MINIMUM ASPHALTIC CONCRETE SURFACE COURSE WHERE INDICATED ON THE PLANS OR AS DIRECTED BY THE CITY/ENGINEER.

ISSUED: 03/28/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017
DRAWN: EAM	FLEXIBLE PAVEMENT RESTORATION NOTES	DRAWING NO. G-12
APPROVED: XXX		



ISSUED: 03/28/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017
DRAWN: EAM	FLEXIBLE PAVEMENT RESTORATION FOR TRENCHES CUT PERPENDICULAR AND PARALLEL TO THE ROADWAY	DRAWING NO. G-12.1
APPROVED: XXX		

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DRAWN BY	KHA
CHECKED BY	APB

GENERAL DETAILS

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-502

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WATER SYSTEM NOTES:

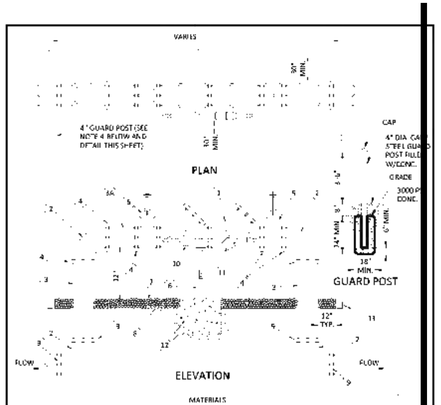
1. NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY OR VACUUM TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12 INCHES BELOW THE OTHER PIPELINE.
2. 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(5); EXCEPTIONS ALLOWED UNDER FAC 62-555.314(5)].
3. 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 II OF CHAPTER 62-610, F.A.C. [FAC 62-555.314(2), EXCEPTIONS ALLOWED UNDER FAC 62-555.314(5)].
4. NEW UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT TO BE DUCTILE IRON PIPE (D.I.P.) WHEN CROSSING BELOW SANITARY SEWER MAINS.
5. 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.
6. 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. AS NO 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 MAINS.
7. 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.
8. 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 THROUGH 16" IN DIAMETER SHALL BE RESILIENT SEAT AND BIDIRECTIONAL FLOW CAPABILITY. VALVES FOR SPECIAL APPLICATIONS WILL REQUIRE CITY UTILITY APPROVAL.
9. VALVE BOXES AND COVERS FOR ALL SIZE VALVES SHALL BE OF CAST IRON CONSTRUCTION AND ADJUSTABLE SCREW-ON TYPE. THEY 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 TOP OF THE BURIED VALVE SHALL BE WITH 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.

ISSUED:	03/31/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/09/2014
DRAWN:	EAP	WATER SYSTEM NOTES	DRAWING NO. W-01
APPROVED:	XXX		

WATER SYSTEM NOTES (CONTINUED):

11. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
12. 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 CONFORMING WITH CLASS 52. ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C151/A21.51-02 AND BE CEMENT LINED AND SEALCOATED PER ANSI/AWWA C104/A21.4-03.
13. 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 SEALCOATED PER ANSI/AWWA C104/A21.4-03. ALL DUCTILE IRON PIPE AND FITTINGS MUST BE MANUFACTURED IN THE UNITED STATES OF AMERICA.
14. ALL DUCTILE IRON PIPE TO BE MECHANICALLY JOINTS, WRAPPED IN POLY ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY DESIGN.
15. 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 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" MIN. MIN. VERTICAL SEPARATION. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
21. 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 MIN NUM OF THREE JOINTS (150 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 SHEETING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION IN SUCH A PERMANENT 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 SECURENESS, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER SAFETY REQUIREMENTS.

ISSUED:	03/31/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/09/2014
DRAWN:	EAP	WATER SYSTEM NOTES	DRAWING NO. W-02
APPROVED:	XXX		

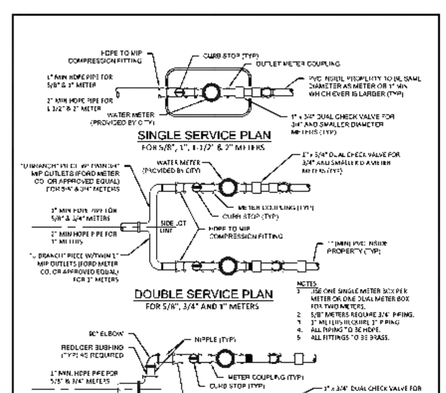


MATERIALS

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4"x4"x8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4"x4"x8" BEND 90°	8	N/A	PLASTIC LINER (VELED STOP (5 MILS)
3	2	4"x4"x8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4"x4"x8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4"x4"x8" PLUGGED D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4"x4"x8" GATE VALVE (SEE NOTE 8)	12	1	36"x36"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHOLD	13	1	4" T, 2x4 LUMBER ALL AROUND

NOTES:
1. FIELD ADJUST AND CUT ITEM 5 TO THE PROPER LENGTH.
2. ALL PIPING SHALL BE D.I.P. CLASS 52 AS APPLICABLE TO MINIMUM STANDARDS.
3. ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER.
4. PROTECTIVE CAGE GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTOR'S DIRECTION.
5. MAY USE 45° BENDS (SEE DETAIL W-07.2) WHEN WORKING AREA IS NOT LIMITED, AS DIRECTED BY CITY.
6. GATE VALVES SHALL BE CHAINED AND LOCKED TOGETHER TO PREVENT TAMPERING.

ISSUED:	03/31/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/09/2014
DRAWN:	EAP	TYPICAL 4", 6" AND 8" DOUBLE CHECK DETECTOR ASSEMBLY FOR FIRE SPRINKLER SERVICE (90° BENDS)	DRAWING NO. W-03
APPROVED:	XXX		



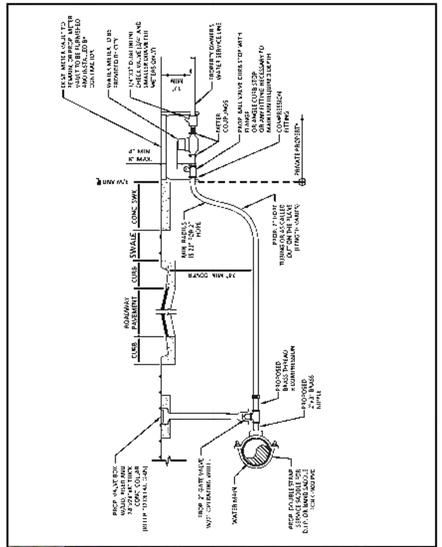
NO GALVANIZED PIPE OR FITTINGS ALLOWED

ISSUED:	03/31/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/09/2014
DRAWN:	EAP	TYPICAL 5/8", 1", 1-1/2" AND 2" METER INSTALLATION	DRAWING NO. W-06
APPROVED:	XXX		

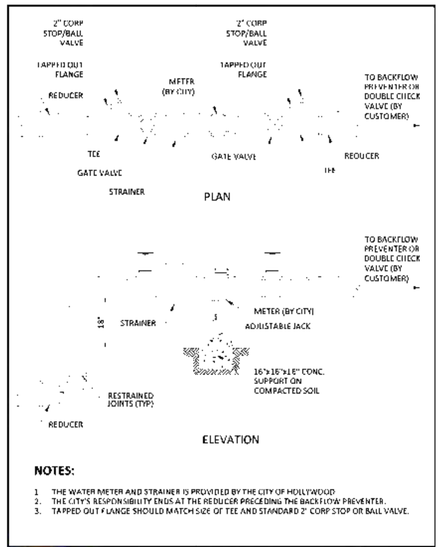
WATER METER SERVICE NOTES:

1. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED NOT LESS THAN 18" ON CENTER.
2. P.E. TUBING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARD C901, "POLYETHYLENE (PE) PRESSURE PIPE AND TUBING, 1/2 IN. (13mm) THROUGH 3 IN. (76 mm), FOR WATER SERVICE."
3. MINIMUM SERVICE PIPE DIAMETER SHALL BE 1" FOR SINGLE OR DUAL ¾" OR SINGLE 1" DIAMETER METERS.
4. MINIMUM SERVICE PIPE DIAMETER SHALL BE 2" FOR SINGLE OR DUAL 1-½" OR SINGLE 2" DIAMETER METERS.
5. FOR METER DIAMETERS LARGER THAN 2", THE MINIMUM SERVICE PIPE DIAMETER SHALL BE THE SAME AS THE METER DIAMETER.
6. APPROVED COPPER TUBING MAY BE USED AT THE CITY'S DISCRETION.
7. FOR NEW METER INSTALLATIONS, ALL SADDLES, VALVES, PIPING, FITTINGS,CURB STOPS, METER VALVES, METER COUPLINGS, METER VAULTS AND COVERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. THE WATER METERS WILL BE PROVIDED AND INSTALLED BY THE CITY OF HOLLYWOOD (NEW ACCOUNTS).
8. FOR METER RELOCATIONS, ALL SADDLES, VALVES, PIPING, FITTINGS, CURB STOPS, METER VALVES, METER COUPLINGS, METER VAULTS AND COVERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. THE EXISTING WATER METER TO BE RELOCATED AND INSTALLED BY CONTRACTOR
9. FOR EXISTING METERS ABUTTING THE RIGHT-OF-WAY THAT ARE BEING DISCONNECTED FROM EXISTING MAINS AND RECONNECTED TO NEW MAINS, THE CONTRACTOR SHALL
   a. CUT AND PLUG THE EXISTING SERVICE LINE AT THE MAIN AND AT THE METER, AND REMOVE THE EXISTING BALL VALVE CURB STOP.
   b. FURNISH AND INSTALL SERVICE SADDLE, CORPORATION STOP OR SERVICE VALVE AND VALVE BOX, PIPING AND FITTINGS UP TO AND INCLUDING THE BALL VALVE CURB STOP.
12. THE ELEVATION AT THE TOP OF THE METER BOX SHALL MATCH THE ELEVATION OF THE BACK OF SIDEWALK, WHENEVER PRACTICAL.
13. AS PART OF THE SERVICE INSTALLATION, THE CONTRACTOR SHALL RESTORE THE RIGHT-OF-WAY TO MATCH EXISTING CONDITIONS, INCLUDING ROADWAY PAVEMENT, PAVEMENT MARKINGS AND RPMs, CONCRETE CURBS, SIDEWALKS, RAMPS (INCLUDING DETECTABLE WARNING SURFACE), SODDING, AND ALL OTHER IMPROVEMENTS REMOVED OR DAMAGED DURING THE SERVICE INSTALLATION.
14. FOR UNPAVED AREAS, THE MINIMUM GROUND COVER ACCEPTED BY THE CITY IS SODDING.

ISSUED:	03/31/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/09/2014
DRAWN:	EAP	WATER METER SERVICE NOTES FOR 5/8" THROUGH 2" METERS	DRAWING NO. W-07
APPROVED:	XXX		

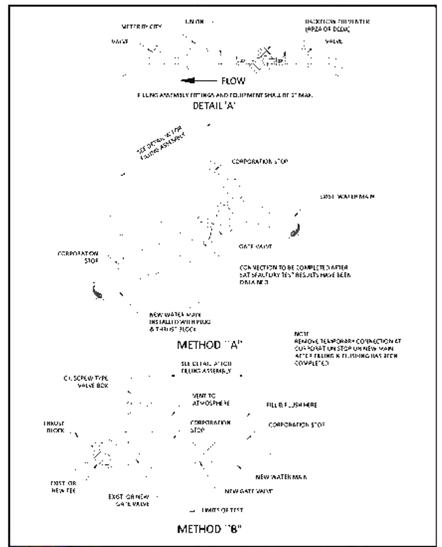


ISSUED:	03/31/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/09/2014
DRAWN:	EAP	TYPICAL 2-INCH HDPE WATER SERVICE FOR SINGLE/DUAL 5/8" TO 1" METERS, AND ANY SINGLE 1-1/2" TO 2" METERS	DRAWING NO. W-09
APPROVED:	XXX		



NOTES:
1. THE WATER METER AND STRAINER IS PROVIDED BY THE CITY OF HOLLYWOOD
2. THE CITY'S RESPONSIBILITY ENDS AT THE REDUCER PRECEDING THE BACKFLOW PREVENTER.
3. TAPPED OUT FLANGE SHOULD MATCH SIZE OF TEE AND STANDARD 2" CORP STOP OR BALL VALVE.

ISSUED:	03/31/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/09/2014
DRAWN:	EAP	TYPICAL METER 3" DIAMETER AND LARGER	DRAWING NO. W-11
APPROVED:	XXX		



ISSUED:	03/31/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/09/2014
DRAWN:	EAP	FILLING AND FLUSHING DETAILS	DRAWING NO. W-15
APPROVED:	XXX		

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No.	REVISIONS	DATE	BY

ALISTAIR P. BOCKHORN No 92461 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: 6/17/2024
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY ALISTAIR P. BOCKHORN, P.E. ON 6/17/2024 USING A DIGITAL SIGNATURE.
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KHA PROJECT	040879026
DATE	5/17/2024
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	APB

WATER DETAILS

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-503

Sheet Set: Boomerang Residences Layout: C-503 WATER DETAILS May 17, 2024 09:14:13am \\kimley-horn.com\FL_FTL\FTL_Civil\040 Jobs\040879026 Hollywood Boomerang 901 S Ocean Dr\Design\CAD\PlanSheets\GENERAL DETAILS.dwg
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SEWER NOTES:

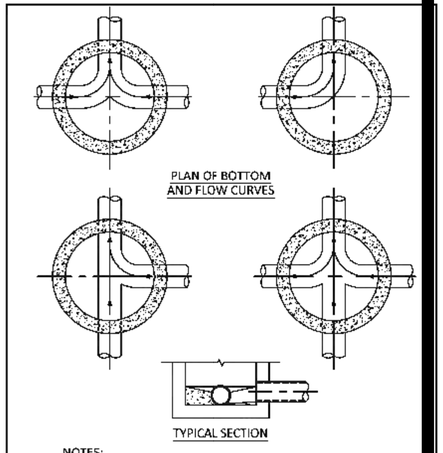
1. THE MINIMUM DEPTH OF COVER OVER D.I.P. SANITARY SEWER GRAVITY OR FORCE MAINS IS 30". THE MINIMUM DEPTH OF COVER OVER PVC SANITARY SEWER OR FORCE MAINS IS 36".
2. ALL CONNECTIONS TO EXISTING MAINS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. LEAKAGE TESTS AND ALIGNMENT (LAMPING) TESTS SHALL BE PERFORMED ON ALL NEW SEWER LINES UP TO THE CONNECTION POINT WITH THE EXISTING SEWER SYSTEM. THESE TESTS SHALL BE REQUESTED AND PAID FOR BY THE CONTRACTOR.
4. 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.
5. LEAKAGE TESTS SHALL BE PERFORMED ON ALL SEGMENTS OF A GRAVITY SEWER SYSTEM INCLUDING SERVICE LATERALS AND MANHOLES, FOR A CONTINUOUS PERIOD OF NOT 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 TESTED.
6. 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 PIPE, WE FOR A CONTINUOUS PERIOD OF 2 HOURS. THE MAXIMUM ALLOWABLE LEAKAGE SHALL BE DETERMINED BY THE FOLLOWING FORMULA:

$$\frac{L = S \times D \times P}{148,000}$$

WHERE:
L = ALLOWABLE LEAKAGE FOR SYSTEM IN GALLONS PER HOUR
D = PIPE DIAMETER IN INCHES
S = LENGTH OF LINES IN TOTAL FEET
P = AVERAGE TEST PRESSURE IN PSI

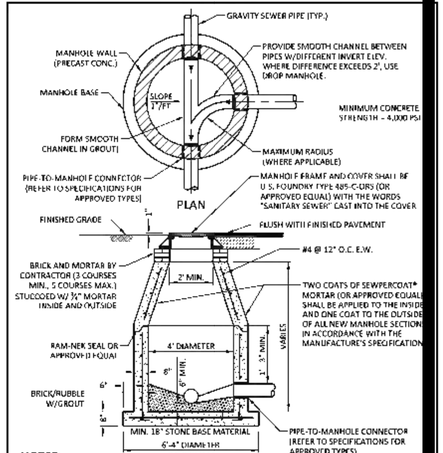
7. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH FORCE MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, FORCE MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 12" MINIMUM SEPARATION FROM WATER MAINS AND 6" MINIMUM SEPARATION FROM OTHER UTILITIES. NO ADDITIONAL PAYMENT SHALL BE DUE 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 SHALL FURNISH, PUT IN PLACE AND MAINTAIN SUCH 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.

ISSUED: 05/17/2024 | DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL | DEPT. SPEC. REFERENCE:
DRAWN: AM
APPROVED: XXX
SANITARY SEWER MAIN CONSTRUCTION NOTES
DRAWING NO. S-01



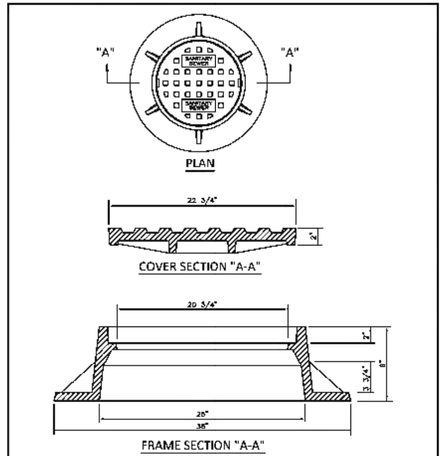
NOTES:
1. INVERT CHANNELS TO BE CONSTRUCTED FOR SMOOTH FLOW WITH NO OBSTRUCTIONS.
2. SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS PROVIDING SMOOTH FLOWS.
3. CHANNELS FOR FUTURE CONNECTIONS (STUBS) SHALL BE CONSTRUCTED FILLED WITH SAND & COVERED WITH 1" OF MORTAR.
4. WHEN FLOW LINE DEFLECTS MORE THAN 45°, A DROP OF 0.10' IS REQUIRED.

ISSUED: 05/17/2024 | DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL | DEPT. SPEC. REFERENCE:
DRAWN: AM
APPROVED: XXX
MANHOLE FLOW PATTERNS
DRAWING NO. S-02



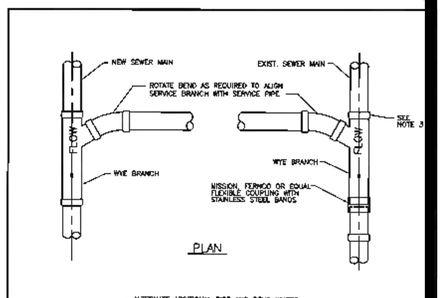
NOTES:
1. SHOP DRAWINGS SHOWING ALL DIMENSIONS, INCLUDING CONCRETE REINFORCEMENT AND BUOYANCY, SHALL BE SUBMITTED TO THE CITY PRIOR TO INSTALLATION.
2. THE BOTTOM SLAB SHALL BE CAST MONOLITHICALLY WITH THE LOWER WALL SECTION TO A MINIMUM OF 3" ABOVE SLAB BASE.
3. NO CONSTRUCTION JOINTS ARE ALLOWED BELOW ELEVATION +2.00 NAVD. ABOVE ELEVATION +2.00 NAVD CONSTRUCTION JOINTS ARE ALLOWED, IF ADEQUATE JOINTS WITH KEY-WAYS AND WATER STOPS ARE PROVIDED. SUBMIT SHOP DRAWINGS OF JOINT DETAILS TO THE ENGINEER FOR APPROVAL.

ISSUED: 05/17/2024 | DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL | DEPT. SPEC. REFERENCE:
DRAWN: AM
APPROVED: XXX
STANDARD PRECAST MANHOLE
DRAWING NO. S-03



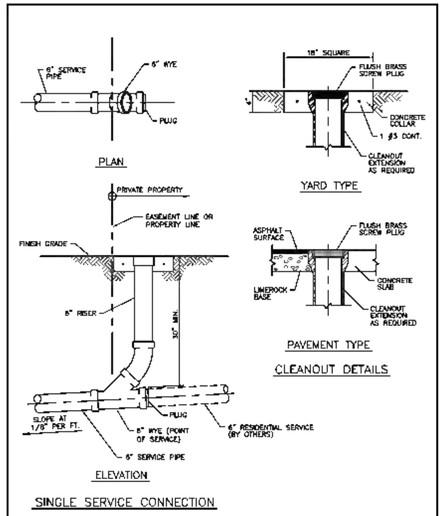
NOTES:
1. LETTERS ON COVER TO BE 3/8" HIGH, 1/4" TO 5/16" THICK AND FLUSH WITH TOP OF COVER.
2. ALL BEARING SURFACES TO BE MACHINED.
3. MINIMUM WEIGHTS: COVER - 160 LBS., TOTAL - 400 LBS.
4. MANHOLE FRAME AND COVER SHALL BE U.S. FOUNDRY 485 C ORS WITH THE WORDS "SANITARY SEWER" CAST INTO THE COVER.

ISSUED: 05/17/2024 | DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL | DEPT. SPEC. REFERENCE:
DRAWN: AM
APPROVED: XXX
MANHOLE FRAME AND COVER
DRAWING NO. S-06



NOTES:
1. SINGLE SERVICE CONNECTIONS SHALL USE 6" PIPE AND FITTINGS.
2. USE RISER CONNECTIONS WHERE INVERT OF SEWER IS GREATER THAN 7'-0" DEEP.
3. WHERE BELL OF WYE AND SPIGOT OF EXISTING MAIN ARE NOT COMPATIBLE, USE A SECOND FLEXIBLE COUPLING.

ISSUED: 05/17/2024 | DEPARTMENT OF PUBLIC UTILITIES STANDARD DETA... | DEPT. SPEC. REFERENCE:
DRAWN: AM
APPROVED: XXX
WYE BRANCH CONNECTION
DRAWING NO. S-09



ISSUED: 05/17/2024 | DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL | DEPT. SPEC. REFERENCE:
DRAWN: AM
APPROVED: XXX
SEWER SERVICE CONNECTION AND CLEANOUT AT PROPERTY LINE
DRAWING NO. S-12

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No.	REVISIONS	DATE	BY

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KHA PROJECT 040879026
DATE 5/17/2024
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY APB

SEWER DETAILS

BOOMERANG RESIDENCES
PREPARED FOR
ADACHE GROUP
ARCHITECTS, INC.
CITY OF HOLLYWOOD FLORIDA

SHEET NUMBER
C-504

Sheet Set:Boomerang Residences Layout:C-504 SEWER DETAILS May 17, 2024 09:14:21am \\kimley-horn.com\FIL_FIL\FIL_Civil\040 Jobs\040879026 Hollywood Boomerang 901 S Ocean Dr\Design\CAD\PlanSheets\GENERAL DETAILS.dwg
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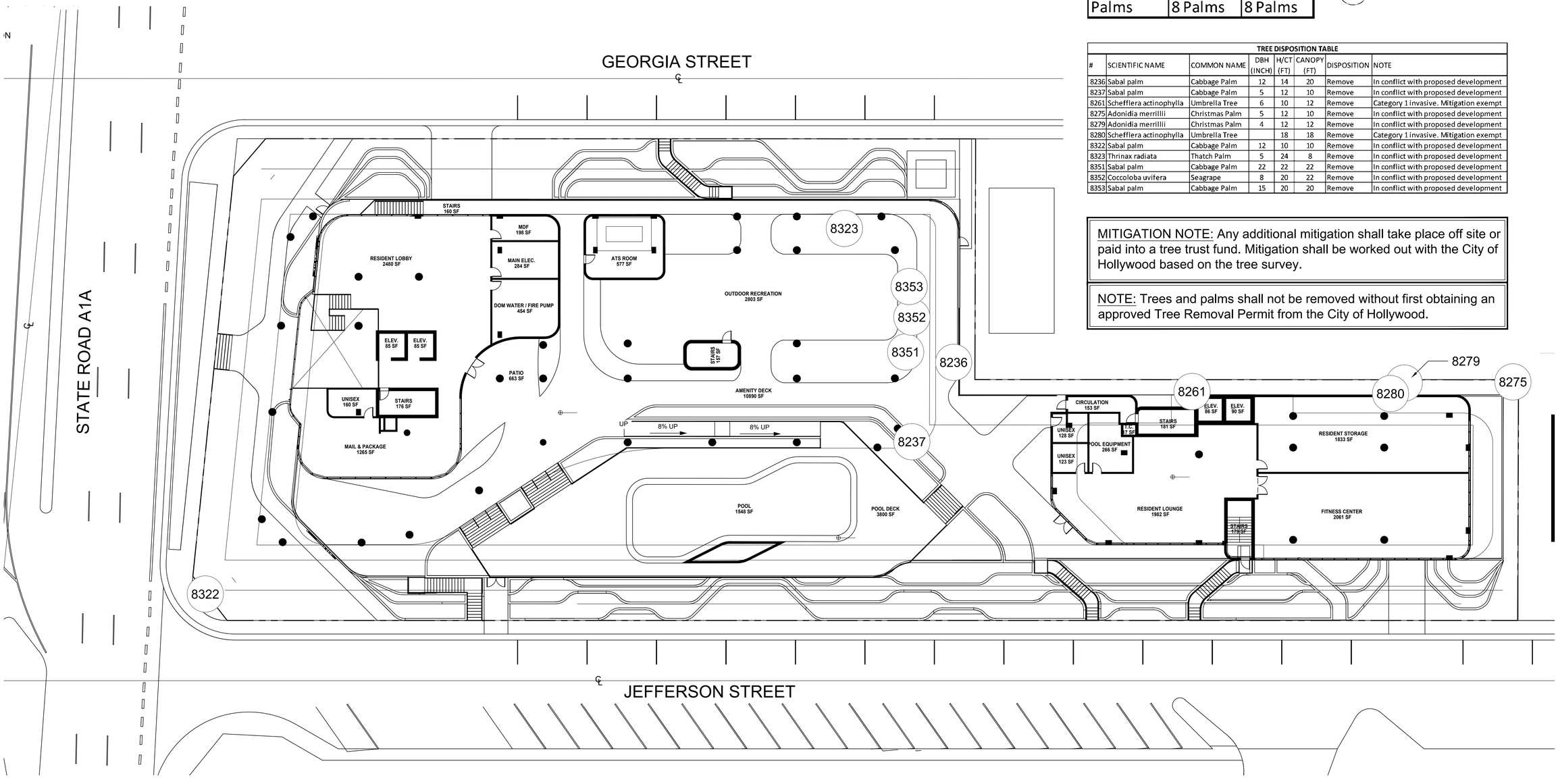

TREE DISPOSITION PLAN

Scale: 1/16" = 1'-0"

NORTH

Mitigation	Required	Provided
Trees	8" DBH	8" DBH
Palms	8 Palms	8 Palms

SYMBOL LEGEND

(#) Tree to Remove

TREE DISPOSITION TABLE

#	SCIENTIFIC NAME	COMMON NAME	DBH (INCH)	H/CT (FT)	CANOPY (FT)	DISPOSITION	NOTE
8236	Sabal palm	Cabbage Palm	12	14	20	Remove	In conflict with proposed development
8237	Sabal palm	Cabbage Palm	5	12	10	Remove	In conflict with proposed development
8261	Schefflera actinophylla	Umbrella Tree	6	10	12	Remove	Category 1 invasive. Mitigation exempt
8275	Adonidia merrillii	Christmas Palm	5	12	10	Remove	In conflict with proposed development
8279	Adonidia merrillii	Christmas Palm	4	12	12	Remove	In conflict with proposed development
8280	Schefflera actinophylla	Umbrella Tree		18	18	Remove	Category 1 invasive. Mitigation exempt
8322	Sabal palm	Cabbage Palm	12	10	10	Remove	In conflict with proposed development
8323	Thrinax radiata	Thatch Palm	5	24	8	Remove	In conflict with proposed development
8351	Sabal palm	Cabbage Palm	22	22	22	Remove	In conflict with proposed development
8352	Coccoloba uvifera	Seagrape	8	20	22	Remove	In conflict with proposed development
8353	Sabal palm	Cabbage Palm	15	20	20	Remove	In conflict with proposed development

MITIGATION NOTE: Any additional mitigation shall take place off site or paid into a tree trust fund. Mitigation shall be worked out with the City of Hollywood based on the tree survey.

NOTE: Trees and palms shall not be removed without first obtaining an approved Tree Removal Permit from the City of Hollywood.

WITKIN HULTS + PARTNERS
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Project:
BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FLORIDA
TREE DISPOSITION PLAN

Revisions:	Date:	By:

Seal:

Lic. # LA6667290
Member: A.S.L.A.

Drawing: Tree Disposition Plan
Date: 05/09/2024
Scale: See Left
Drawn by: AGS
Sheet No.:

TD-1

Cad Id.: 2024-015

Z:\2024\Bst Hlywd\1 S. Ocean Hollywood 2024-015\Tree Disposition\2024.05.09 TD-1 Aug May 01, 2024

LANDSCAPE LEGEND
CITY OF HOLLYWOOD

ZONE DISTRICT: BRT-25-R

Pervious Landscape area 12,807 sq. ft.

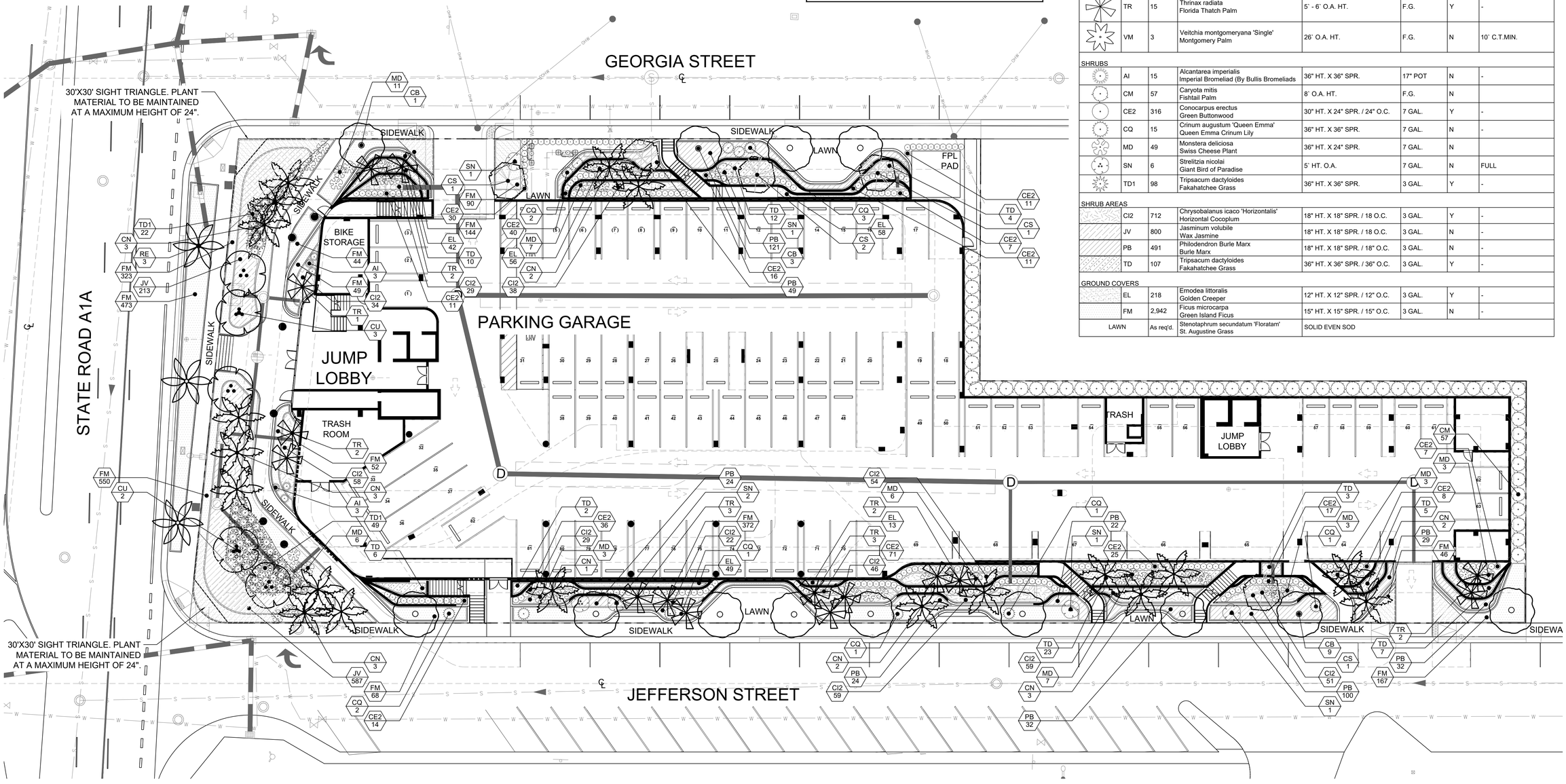
Street Tree distance 198 linear feet

	REQ.	PROV.
TREES: A. No. trees required per pervious landscape area 1 tree per 1,000 sq. ft. 12,807 sq ft. / 1,000 sq.ft. = 13 trees	13	13
B. Percentage palms allowed Palms permitted count as 3 palms = 1 tree Up to 50%, but more than 20% all trees must be shade natives	14	3
C. Street trees (maximum spacing 50' o.c.) 796 linear feet along street / 50 lf = 16 trees	16	16
D. Parking Buffer trees (maximum spacing 20' o.c.)	N/A	N/A
E. Total Trees Required A + C + D = Total Trees (60% NATIVE REQUIRED)	29	29
F. Percentage Natives Required 60% of total trees required must be Florida Native	17	17
SHRUBS A. Parking Buffer shrubs (maximum spacing 36" o.c.)	N/A	N/A

NOTES
IRRIGATION: 100% coverage as required by City of Hollywood
Plant material will not be planted into root balls of trees and palms
No substitutions without the approval of Hollywood's Landscape Plan Reviewer

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	NATIVE	NOTES
TREES							
	CB	13	Calophyllum brasiliense Brazilian Beautyleaf	12` HT. X 4` SPR. 2" DBH.	F.G.	N	-
	CU	5	Coccoloba uvifera Sea Grape	16` HT. X 8` SPR. 4" DBH.	F.G.	Y	STANDARD
	CS	9	Conocarpus erectus sericeus Silver Buttonwood	12` HT. X 4` SPR. 2" DBH.	F.G.	Y	STANDARD
PALM TREES							
	CN	19	Cocos nucifera 'Green Malayan' Coconut Palm	8` G.W.	F.G.	N	-
	RE	9	Roystonea elata Florida Royal Palm	10` G.W.	F.G.	Y	MATCHED HEIGHTS
	TR	15	Thrinax radiata Florida Thatch Palm	5` - 6` O.A. HT.	F.G.	Y	-
	VM	3	Veitchia montgomeryana 'Single' Montgomery Palm	26` O.A. HT.	F.G.	N	10` C.T.MIN.
SHRUBS							
	AI	15	Alcantarea imperialis Imperial Bromeliad (By Bullis Bromeliads	36" HT. X 36" SPR.	17" POT	N	-
	CM	57	Caryota mitis Fishtail Palm	8` O.A. HT.	F.G.	N	
	CE2	316	Conocarpus erectus Green Buttonwood	30" HT. X 24" SPR. / 24" O.C.	7 GAL.	Y	-
	CQ	15	Crinum augustum 'Queen Emma' Queen Emma Crinum Lily	36" HT. X 36" SPR.	7 GAL.	N	-
	MD	49	Monstera deliciosa Swiss Cheese Plant	36" HT. X 24" SPR.	7 GAL.	N	
	SN	6	Strelitzia nicolai Giant Bird of Paradise	5` HT. O.A.	7 GAL.	N	FULL
	TD1	98	Tripsacum dactyloides Fakahatchee Grass	36" HT. X 36" SPR.	3 GAL.	Y	-
SHRUB AREAS							
	CI2	712	Chrysobalanus icaco 'Horizontalis' Horizontal Cocoplum	18" HT. X 18" SPR. / 18 O.C.	3 GAL.	Y	-
	JV	800	Jasminum volubile Wax Jasmine	18" HT. X 18" SPR. / 18 O.C.	3 GAL.	N	-
	PB	491	Philodendron Burle Marx Burle Marx	18" HT. X 18" SPR. / 18" O.C.	3 GAL.	N	-
	TD	107	Tripsacum dactyloides Fakahatchee Grass	36" HT. X 36" SPR. / 36" O.C.	3 GAL.	Y	-
GROUND COVERS							
	EL	218	Ernodea littoralis Golden Creeper	12" HT. X 12" SPR. / 12" O.C.	3 GAL.	Y	-
	FM	2,942	Ficus microcarpa Green Island Ficus	15" HT. X 15" SPR. / 15" O.C.	3 GAL.	N	-
LAWN		As req'd.	Stenotaphrum secundatum 'Floratam' St. Augustine Grass	SOLID EVEN SOD			



PRELIMINARY LANDSCAPE PLAN - GROUND FLOOR

Scale: 1/16" = 1'-0"

NORTH

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Project:

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FLORIDA
PRELIMINARY LANDSCAPE PLAN - GROUND FLOOR

Revisions:	Date:	By:

Seal:

Lic. # LA6667290
Member: A.S.L.A.

Drawing: Landscape Plan - Ground Floor

Date: 05/06/2024

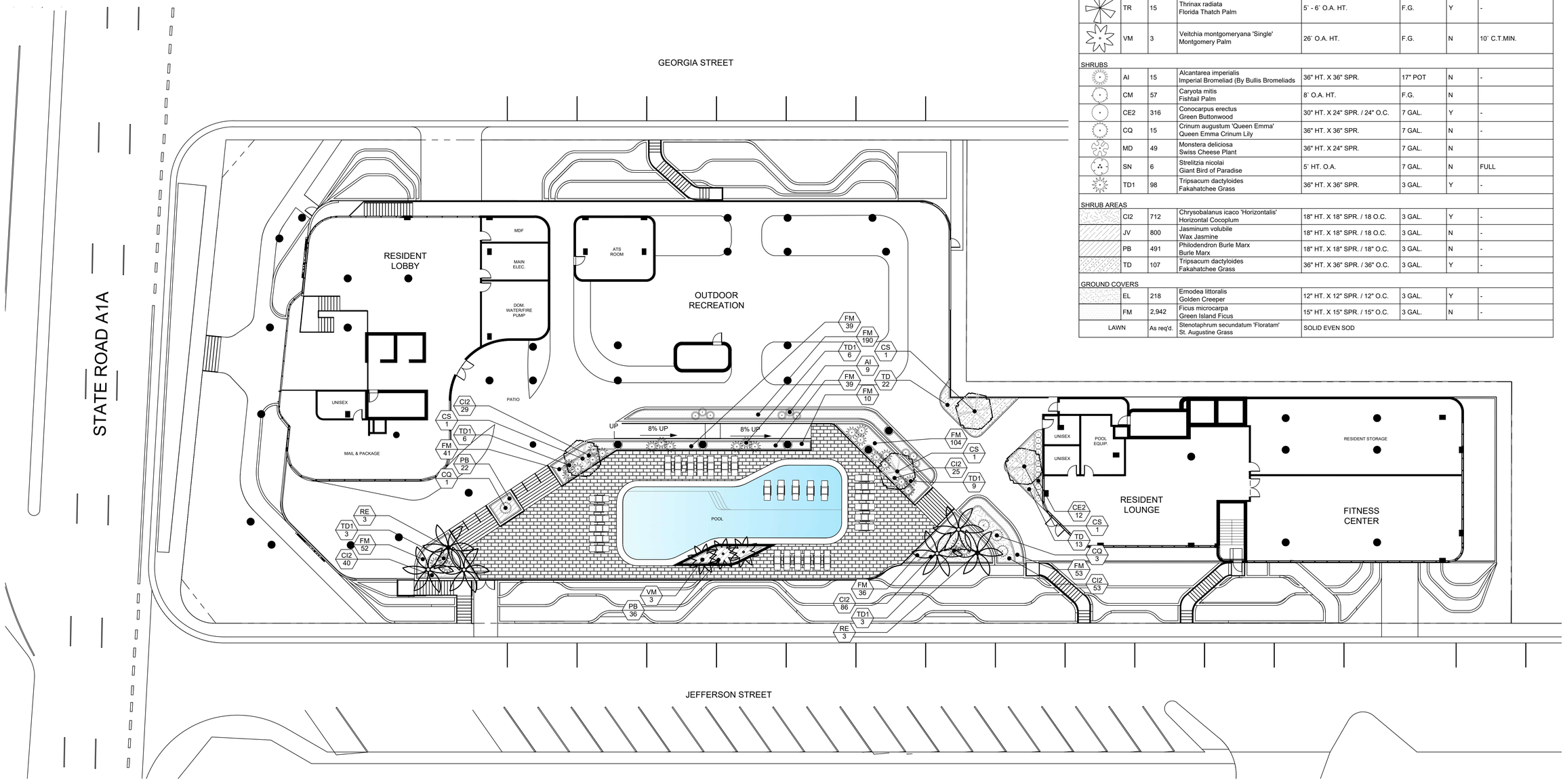
Scale: See Left

Drawn by: KAT

Sheet No.:

L-1

Cad Id.: 2024-015



PRELIMINARY LANDSCAPE PLAN - AMENITY LEVEL

Scale: 1/16" = 1'-0"

NORTH

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	NATIVE	NOTES
TREES							
	CB	13	Calophyllum brasiliense Brazilian Beautyleaf	12` HT. X 4` SPR. 2" DBH.	F.G.	N	-
	CU	5	Coccoloba uvifera Sea Grape	16` HT. X 8` SPR. 4" DBH.	F.G.	Y	STANDARD
	CS	9	Conocarpus erectus sericeus Silver Buttonwood	12` HT. X 4` SPR. 2" DBH.	F.G.	Y	STANDARD
PALM TREES							
	CN	19	Cocos nucifera 'Green Malayan' Coconut Palm	8` G.W.	F.G.	N	-
	RE	9	Roystonea elata Florida Royal Palm	10` G.W.	F.G.	Y	MATCHED HEIGHTS
	TR	15	Thrinax radiata Florida Thatch Palm	5` - 6` O.A. HT.	F.G.	Y	-
	VM	3	Veitchia montgomeryana 'Single' Montgomery Palm	26` O.A. HT.	F.G.	N	10` C.T.MIN.
SHRUBS							
	AI	15	Alcantarea imperialis Imperial Bromeliad (By Bullis Bromeliads	36" HT. X 36" SPR.	17" POT	N	-
	CM	57	Caryota mitis Fishtail Palm	8` O.A. HT.	F.G.	N	
	CE2	316	Conocarpus erectus Green Buttonwood	30" HT. X 24" SPR. / 24" O.C.	7 GAL.	Y	-
	CQ	15	Crinum augustum 'Queen Emma' Queen Emma Crinum Lily	36" HT. X 36" SPR.	7 GAL.	N	-
	MD	49	Monstera deliciosa Swiss Cheese Plant	36" HT. X 24" SPR.	7 GAL.	N	
	SN	6	Strelitzia nicolai Giant Bird of Paradise	5` HT. O.A.	7 GAL.	N	FULL
	TD1	98	Tripsacum dactyloides Fakahatchee Grass	36" HT. X 36" SPR.	3 GAL.	Y	-
SHRUB AREAS							
	CI2	712	Chrysobalanus icaco 'Horizontalis' Horizontal Cocoplum	18" HT. X 18" SPR. / 18 O.C.	3 GAL.	Y	-
	JV	800	Jasminum volubile Wax Jasmine	18" HT. X 18" SPR. / 18 O.C.	3 GAL.	N	-
	PB	491	Philodendron Burle Marx Burle Marx	18" HT. X 18" SPR. / 18" O.C.	3 GAL.	N	-
	TD	107	Tripsacum dactyloides Fakahatchee Grass	36" HT. X 36" SPR. / 36" O.C.	3 GAL.	Y	-
GROUND COVERS							
	EL	218	Ernodea littoralis Golden Creeper	12" HT. X 12" SPR. / 12" O.C.	3 GAL.	Y	-
	FM	2,942	Ficus microcarpa Green Island Ficus	15" HT. X 15" SPR. / 15" O.C.	3 GAL.	N	-
LAWN		As req'd.	Stenotaphrum secundatum 'Floratam' St. Augustine Grass	SOLID EVEN SOD			

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Project:

BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FLORIDA
PRELIMINARY LANDSCAPE PLAN - AMENITY LEVEL

Revisions: Date: By:

Seal:

Lic. # LA6667290
Member: A.S.L.A.

Drawing: Landscape Plan - Amenity Level
Date: 05/06/2024
Scale: See Left
Drawn by: KAT
Sheet No.:

L-2

Cad Id.: 2024-015

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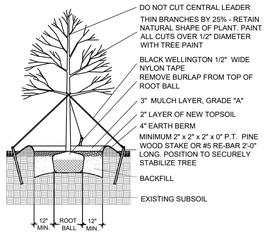
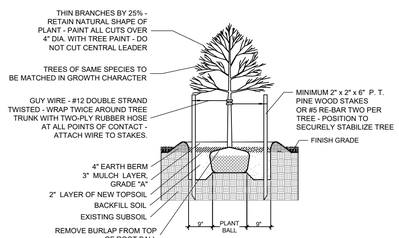
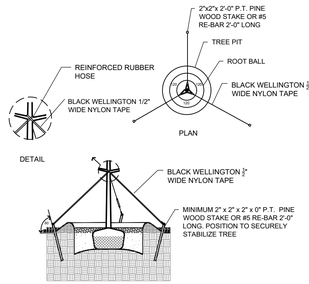


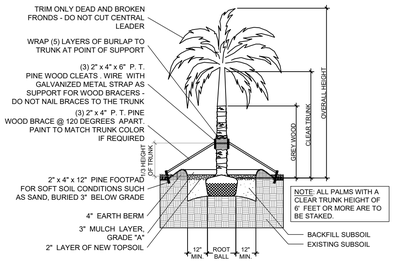
LARGE TREE PLANTING DETAIL



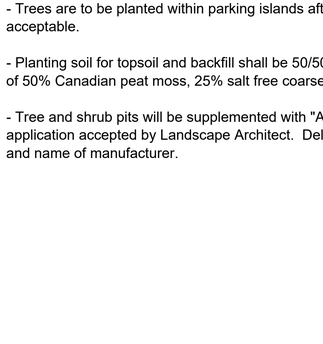
SMALL TREE PLANTING DETAIL



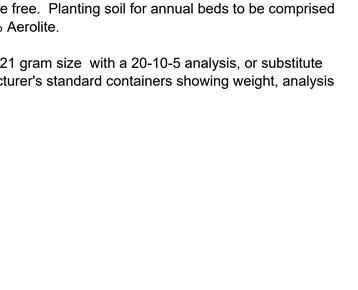
TYPICAL TREE GUYING DETAIL



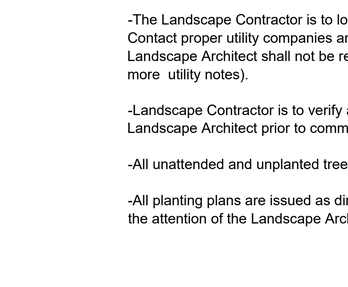
STRAIGHT TRUNK PALM PLANTING DETAIL



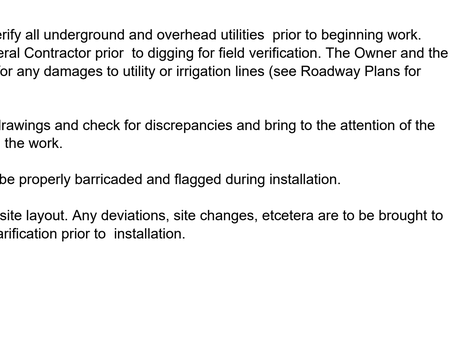
CURVED TRUNK PALM PLANTING DETAIL



TYPICAL SHRUB PLANTING DETAIL



TYPICAL CONTAINER SPACING DETAIL



TYPICAL GROUNDCOVER PLANTING DETAIL

PLANTING NOTES:

-All plant material is to be Florida Number 1 or better pursuant to the Florida Department of Agriculture's Grades and Standards for Nursery Plants.

-All plants are to be top dressed with a minimum 3" layer of Melaleuca mulch, Eucalyptus mulch or equal.

-Planting plans shall take precedence over plant list in case of discrepancies.

-No changes are to be made without the prior consent of the Landscape Architect and Owner. Additions and or deletions to the plant material must be approved by the project engineer.

-Landscape Contractor is responsible for providing their own square footage takeoffs and field verification for 100% sod coverage for all areas specified.

- All landscape areas are to be provided with automatic sprinkler system which provide 100% coverage, and 50% overlap.

- All trees in lawn areas are to receive a 24" diameter mulched saucer at the base of the trunk.

- Trees are to be planted within parking islands after soil is brought up to grade. Deeply set root balls are not acceptable.

- Planting soil for topsoil and backfill shall be 50/50 mix, nematode free. Planting soil for annual beds to be comprised of 50% Canadian peat moss, 25% salt free coarse sand and 25% Aerolite.

- Tree and shrub pits will be supplemented with "Agriform Pells", 21 gram size with a 20-10-5 analysis, or substitute application accepted by Landscape Architect. Deliver in manufacturer's standard containers showing weight, analysis and name of manufacturer.

SOD NOTES:

-Sod is to be grade "A" weed free.

-All areas marked "LAWN" shall be solid sodded with St. Augustine 'Floratam' solid sod. See limit on plan. All areas marked 'Bahia Grass' shall be solid sodded with Paspalum.

-Provide a 2" deep blanket of planting soil as described in planting notes this sheet. Prior to planting, remove stones, sticks, etc. from the sub soil surface. Excavate existing non-conforming soil as required so that the finish grade of sod is flush with adjacent pavement or top of curb as well as adjacent sod in the case of sod patching.

-Place sod on moistened soil, with edges tightly butted, in staggered rows at right angles to slopes.

-Keep edge of sod bed a minimum of 18" away from groundcover beds and 24" away from edge of shrub beds and 36" away from trees, measured from center of plant.

-Sod Shall be watered immediatley after installation to uniformily wet the soil to at least 2" below the bottom of the sod strips.
-Excavate and remove excess soil so top of sod is flush with top of curb or adjacent pavement or adjacent existing sod.

GENERAL NOTES:

-The Landscape Contractor is to locate and verify all underground and overhead utilities prior to beginning work. Contact proper utility companies and / or General Contractor prior to digging for field verification. The Owner and the Landscape Architect shall not be responsible for any damages to utility or irrigation lines (see Roadway Plans for more utility notes).

-Landscape Contractor is to verify all current drawings and check for discrepancies and bring to the attention of the Landscape Architect prior to commencing with the work.

-All unattended and unplanted tree pits are to be properly barricaded and flagged during installation.

-All planting plans are issued as directives for site layout. Any deviations, site changes, etcetera are to be brought to the attention of the Landscape Architect for clarification prior to installation.

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BOOMERANG RESIDENCES
901 S. OCEAN DRIVE, HOLLYWOOD, FLORIDA
LANDSCAPE DETAILS

Revisions:	Date:	By:

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