

# ATTACHMENT A

## Application Package

## PLANNING DIVISION



2600 Hollywood Boulevard Room 315  
Hollywood, FL 33022

File No. (internal use only): \_\_\_\_\_

# GENERAL APPLICATION



Tel: (954) 921-3471

Fax: (954) 921-3347

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.

At least one set of the submitted plans for each application must be signed and sealed (i.e. Architect or Engineer).

Documents and forms can be accessed on the City's website at

<http://www.hollywoodfl.org/DocumentCenter/Home/View/21>



### APPLICATION TYPE (CHECK ONE):

- ☐ Technical Advisory Committee ☐ Historic Preservation Board  
☐ City Commission ☒ Planning and Development Board

Date of Application: 07-29-2020

Location Address: 1936-38 Jackson St

Lot(s): 25 & 26 Block(s): 28 Subdivision: Hollywood

Folio Number(s): 514215015600 & 514215015590

Zoning Classification: P53 Land Use Classification: RAC

Existing Property Use: Residential Multifamily Sq Ft/Number of Units: 600Sq Ft/6 Units

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 all that apply and provide File Number(s) and Resolution(s): 19-DP-71

- ☐ Economic Roundtable ☐ Technical Advisory Committee ☐ Historic Preservation Board  
☐ City Commission ☐ Planning and Development

Explanation of Request: \_\_\_\_\_

Number of units/rooms: 22 Units Sq Ft: 1,000 (Average)

Value of Improvement: \$ 5,500,000.00 Estimated Date of Completion: July 2021

Will Project be Phased? ( ) Yes (X) No If Phased, Estimated Completion of Each Phase

Name of Current Property Owner: Aesthetic Apartments, INC

Address of Property Owner: 12280 Miramar Blvd, #4, Miramar, FL 33025

Telephone: (305) 883-6442 Fax: (855) 668-8773 Email Address: sgarciam@caucelpartners.com

Name of Consultant **Representative** Tenant (circle one): Rolando Genera

Address: 1940 Wilson St, Hollywood, FL 33020 Telephone: (754) 422-4778

Fax: \_\_\_\_\_ Email Address: rgenera@gdrus.com

Date of Purchase: 3/31/2016 Is there an option to purchase the Property? Yes ( ) No ( )

If Yes, Attach Copy of the Contract.

List Anyone Else Who Should Receive Notice of the Hearing: \_\_\_\_\_

Address: \_\_\_\_\_

Email Address: \_\_\_\_\_

## PLANNING DIVISION



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# 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](http://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: 07/29/2020

PRINT NAME: Santiago Garcia Menendez Date: 07/29/2020

Signature of Consultant/Representative: \_\_\_\_\_ Date: 07/29/2020

PRINT NAME: Rolando Genera Date: 07/29/2020

Signature of Tenant: \_\_\_\_\_ Date: \_\_\_\_\_

PRINT NAME: \_\_\_\_\_ 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 29 day of July 2020

Notary Public

State of Florida

My Commission Expires: 4/13/23 (Check One) ☒ Personally known to me; OR ☐ Produced Identification \_\_\_\_\_



Signature of Current Owner

Santiago Garcia Menendez

Print Name

# AESTHETIC APARTMENTS

AT HOLLYWOOD, FL

July 31<sup>st</sup>, 2020

City of Hollywood

Development Services Planning Division

Planning & Zoning Board

**FILE NUMBER:** 19-DP-71

**SUBJECT:** Legal Description & Project Information



**LEGAL DESCRIPTION:**

**514215015590**

HOLLYWOOD 1-21 B LOT 25 BLK 28

**514215015600**

HOLLYWOOD 1-21 B LOTS 26 BLK 28

**PROJECT INFORMATION:**

The proposed development is located on a 0.25-acre property at 1936-1938 Jackson St. City of Hollywood, FL 33020.

The property is zoned Regional Activity Center (RAC) – Subdistrict PS – 3 – Parkside High Intensity Mixed – Use District and The Site is currently occupied by a One-Story Residential Building.

The Development proposed includes a Five Story Multifamily Building with a Parking Garage, Building Services and the Residential Entrance Lobby at the Ground Floor and Four (4) Stories above including 22 Residential Units.

August 3, 2020

Planning & Development Board C/O  
Department of Planning and Development Services  
2900 Hollywood Boulevard, 3rd Floor  
Hollywood FL 33020

RE: Criteria Statement  
1936-38 Jackson Street, Hollywood, FL 33020

Dear Board Members,

Our firm is the architect of record for the owner of the property. We submit this application kindly requesting the support from the City and the Planning and Development Board for this new development of 22 dwelling units. We believe this new building will enhance the Property and collaborate in the development of this multi-family neighborhood.

The Subject Property is located at 1936-1938 Jackson Street, near the Young Circle Park, just to the West of Federal Hwy/US1 and surrounded by multiple unit Residential developments. The property is zoned regional activity center (RAC) - Subdistrict PS-3 – Parkside High Intensity Mixed-Use District.

The existing lot at 1936 Jackson Street is currently empty and the adjacent lot at 1938 Jackson Street is occupied by a small, 1 story, 3 unit building. The existing building is currently unoccupied and includes a small parking area (not to code) & limited landscaping.

The building now proposed will be 5 stories and 22 dwelling units adding up to 21,750 sq.ft. of AC area and a total of 24,600 sq.ft. including balconies. No variances are being requested with this application.

### **Design Criteria:**

#### **1. Architectural & Design Components:**

We feel that we have developed a well thought out design solution for this project. The Architectural style for this 5-story, 38,800 SF multi-family residential building is proposing a classic, but modern style. The large unit windows & angled balconies provide a contemporary look and feel while allowing an excellent natural light for every unit. The fiber cement board cladding highlighting the building entrance is also highly resistant to harsh weather and easy to maintain.

#### **2. Compatibility:**

The existing neighborhood consists of single story and multi-story buildings. We believe that this new development will be compatible with the residential neighborhood and the aesthetics of the RAC district. The proposed building addresses the Architecture of several buildings in the area and collaborates in enhancing the street and pedestrian areas.

#### **3. Scale/ Massing:**

This new structure is proportionate to the scale of the neighborhood in a variety of ways. Building Mass – Our design reflects a rectangular composition articulated by architectural elements and pleasing proportions in relation to length, width & height. The side building façades

are recessed above the 2<sup>nd</sup> level acknowledging the adjacent neighbors and breaking down the mass of the building. Some independent elements such as stairs/elevator are allowed to extend beyond the façade to further articulate the design. See the street context elevations profile on Sheet A020.

Details – The design provides architectural details throughout the façade including vertical & horizontal elements. The railings are horizontal aluminum bands that relate to the cladding and horizontal stucco bands collaborating with the overall balance of the composition. Other architectural details may be discovered throughout the building.

#### 4. Landscaping:

The landscaping has been integrated with the building design to emphasize the architectural features and help screen the parking areas from the street and alley. Planters on the 2<sup>nd</sup> level side edge will allow a smooth transition with the neighbors property while providing privacy to the units. The landscape will be installed in accordance with the City's landscaping and recommendations from the sustainability third party consultant. The landscape design includes both native & a variety of other compatible plant types to be enjoyed by pedestrian neighbors.

#### Conclusion:

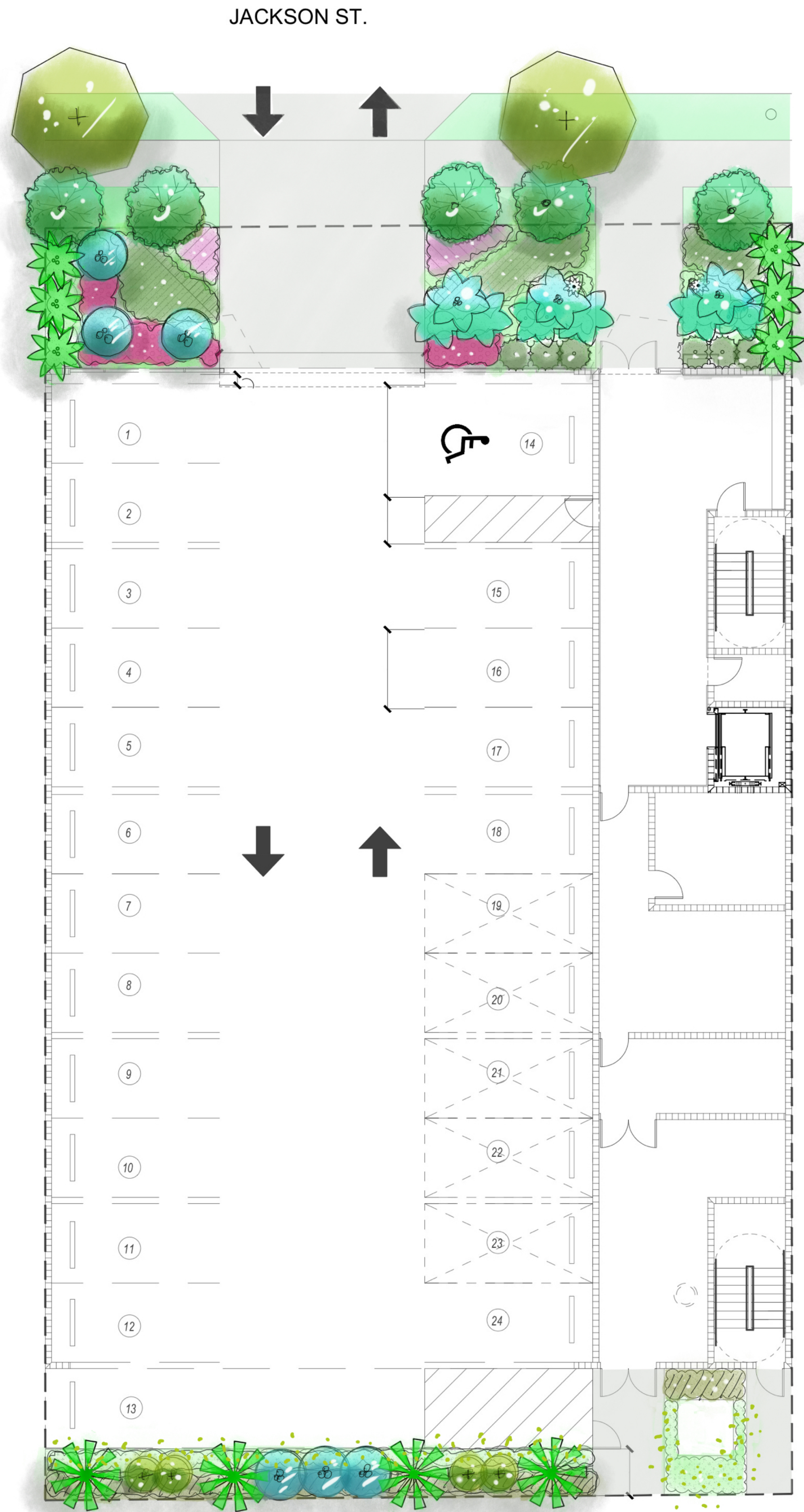
We believe that this new 22 unit development on Jackson Street will help to improve the neighborhood while allowing for a better dwelling offer for all the residents in the area. We feel that our plans demonstrate commitment to the neighborhood of Jackson Street and the City of Hollywood. We have worked hard to provide a design that will meets the City's Development & design review criteria.

Thank you for your time and consideration.

Sincerely,



Jorge Castro-Calou  
Registered Architect #AR97469  
Leed AP



CENTER FOR  
COLLABORATIVE  
ARCHITECTURE

1424 SW 23 St, Miami, FL 33145  
Ph: 786-487-3724  
Email: general@ccadesign.net  
AA26001346

ARCHITECT  
SEAL: JORGE CASTRO-CALOU - AR97469

OWNER: AESTHETIC APARTMENTS INC  
1825 MAIN ST #8  
WESTON FL 33024

NO.	DRAWING ISSUE	DATE
#1	P&D Board Meeting	9-15-2020

JACKSON STREET  
MULTIFAMILY  
1936-1938 Jackson St.  
City of Hollywood  
FLORIDA 33020

PROJECT  
INFO:

DERICK LANGEL  
LANDSCAPE ARCHITECT  
FL LICENSE #LA6667045  
LANDSTONE DESIGN TEL: 818-856-8556  
LANDSCAPE PROJECT MANAGER: FAVIO PEREZ / 305.778.7136

DRAWING  
INFO:

NOTE:  
ALL DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.  
CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS  
AND CONDITIONS ON THE JOB. AND THIS OFFICE SHALL BE NOTIFIED OF ANY  
VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN IN THESE  
DRAWINGS.  
THIS OFFICE SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE  
PROCEEDING WITH CONSTRUCTION.

Date 07-31-2020  
Drawn by FP  
Scale 1/8" = 1'-0"

LR-1  
PROPOSED LANDSCAPE PLAN

# MAP OF ALTA/ACSM SURVEY

LAST DATE OF FIELD WORK 1/13/20

**PROPERTY ADDRESS:**  
1936-1938 JACKSON STREET  
HOLLYWOOD, FL 33020

**NATIONAL FLOOD INSURANCE PROGRAM INFORMATION:**  
CITY OF FORT HOLLYWOOD 125113  
MAP/PANEL NUMBER 12011C0214F  
INDEX DATE 8/18/14 PANEL EFFECTIVE DATE 8/18/14  
FLOOD ZONE "X" BASE FLOOD ELEVATION NOT-APPLICABLE

**ELEVATION NOTES:**  
ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988, AND REFERENCED FROM STANDARD SURVEYING G.P.S. EQUIPMENT TIED INTO THE F.D.O.T. G.P.S. NETWORK FOR A 6 MINUTE READING CYCLE

SPOT ELEVATION =  $\times$ ###

**TREE NOTES:**  
THE TREES AND INFORMATION ABOUT SUCH TREES, ARE LABELED HEREON TO THE BEST KNOWLEDGE OF THE SURVEYOR SHOWN HEREON, THE SURVEYOR IS NOT A LANDSCAPE ARCHITECT, BOTANIST, OR ARBORIST AND INFORMATION ABOUT SUCH TREES SHOULD BE VERIFIED BY A QUALIFIED INDIVIDUAL

- ① = CHRISTMAS PALM  
5'-10' HEIGHT  
② = JUNIPER  
10' HEIGHT  
③ = 10" GUMBO LIMBO  
15' HEIGHT 11' CANOPY  
④ = EUREKA PALM  
4.5' & 7' HEIGHT  
⑤ = 6" XMAS PALM  
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⑧ = 5" GUMBO  
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25'-30' HEIGHT 19' CANOPY  
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⑪ = 2.5" GUMBO  
12' HEIGHT 3' CANOPY  
⑫ = 14" GUMBO  
20'-25' HEIGHT 13' CANOPY

## TITLE INFO:

OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY  
OWNER AND ENCUMBRANCE REPORT  
FILE# C19121432 DATED OCT. 16, 2019  
(OWNER AND LEGAL VERIFIED)

OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY  
TITLE INSURANCE POLICY REPORT  
ORT FILE#16024655 DATED APRIL 8, 2016

## SCHEDULE B INFO

NO EASEMENTS SHOWN ON PLAT  
NO ADDITIONAL EASEMENTS OR SERVITUDES PROVIDED

To: AESTHETIC APARTMENTS, INC.  
OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY  
ONE CONQUEST TITLE AND ESCROW, LLC

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items (NO CHECKLIST PROVIDED) of Table A thereof.

The last date of fieldwork was completed on 1/13/20

Date of Plat or Map: 2/20/20

1/13/20

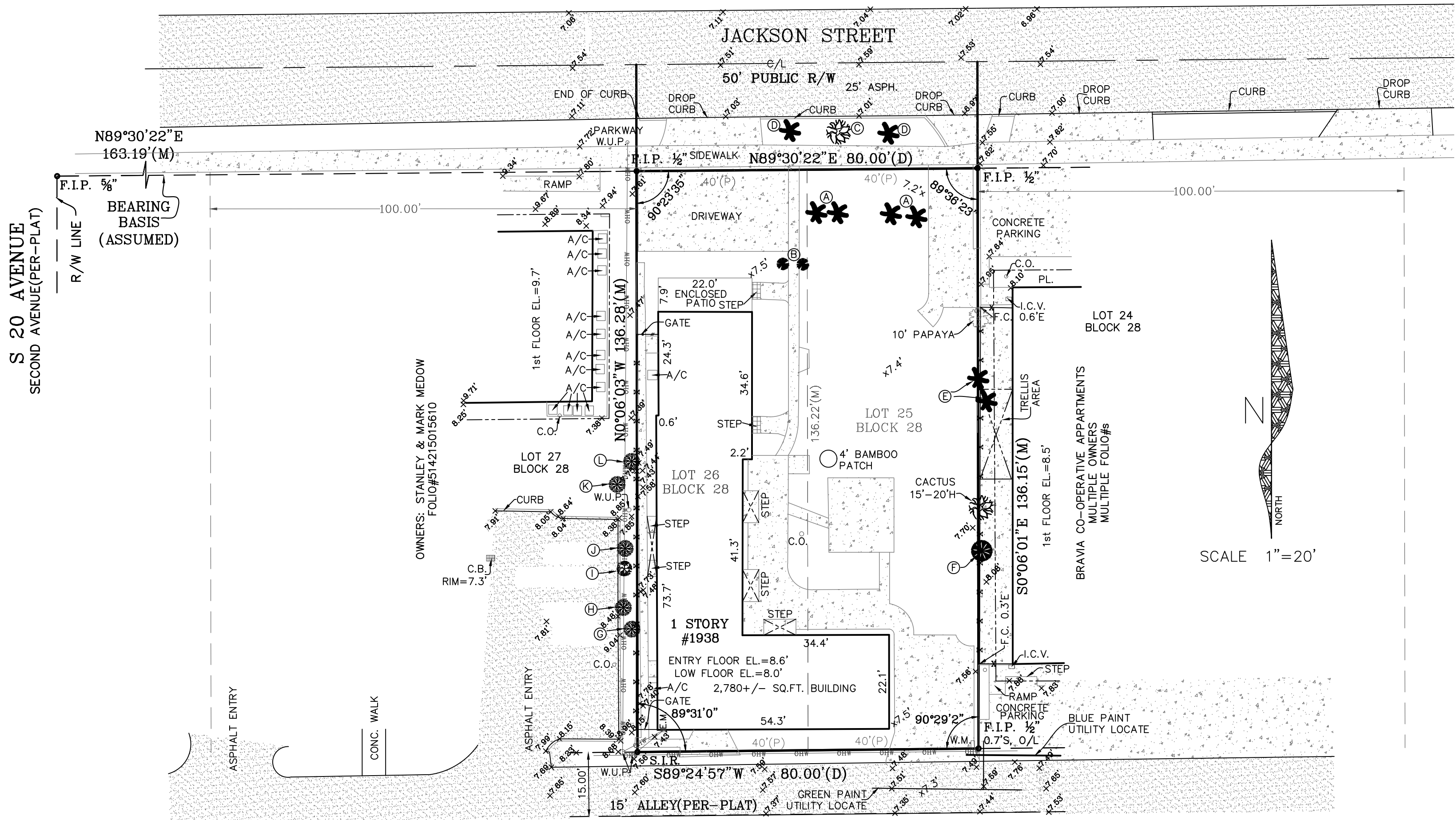
HENRY A. JOHNSTON P.L.S.#6843

JOHNSTON & JOHNSTON LAND SURVEYING SERVICES LE#7689  
7081 TAFT ST. #160  
HOLLYWOOD, FL 33024  
PHONE: 954-296-9516  
WEB: WWW.JSUSURVING.COM

ZONING/AREA 4-29-20



Land Surveying Services Inc.  
JOB#17-12-010ALTA2

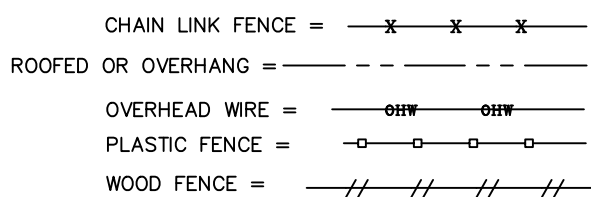
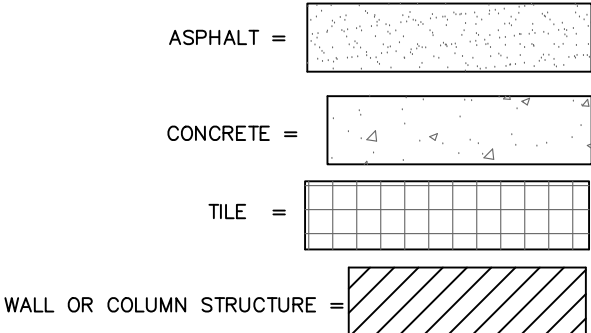


## LEGAL DESCRIPTION (FOLIO#s 514215015590, 514215015600):

LOTS 25 AND 26, BLOCK 28, HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 1, PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA

## LEGEND AND ABBREVIATIONS

A/C = AIR CONDITIONER  
ASPH. = ASPHALT  
C/L = CENTER LINE  
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TELE. = TELECOMMUNICATIONS UTILITY  
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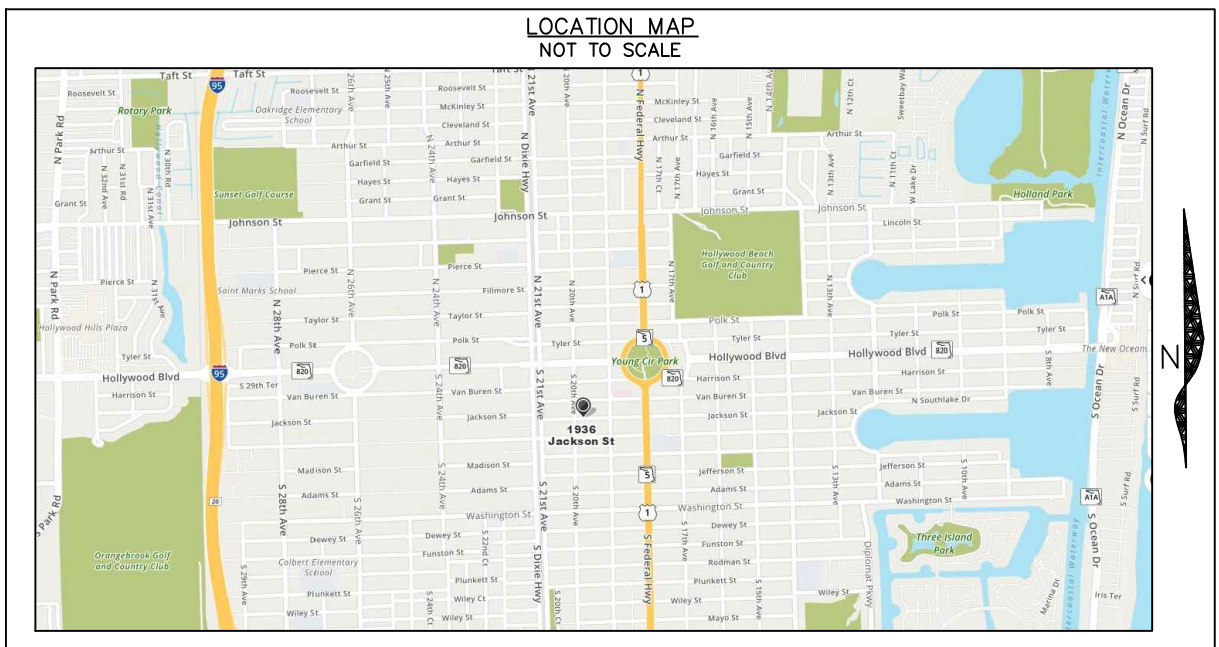


**LOT AREA:**  
GROSS 13,497 +/- SQ.FT. TO  
C/L ROAD AND C/L ALLEY  
NET 10,897 +/- SQ.FT.  
0.25 +/- ACRE

**ZONING INFORMATION:**  
ZONING: RMCRA-76  
LAND USE: TOD  
CITY OF HOLLYWOOD ZONING AND LAND  
USE MAP DATED APRIL 11, 2011  
(THIS MAP IS THE CURRENT MAP  
AVAILABLE ONLINE)

## NOTES:

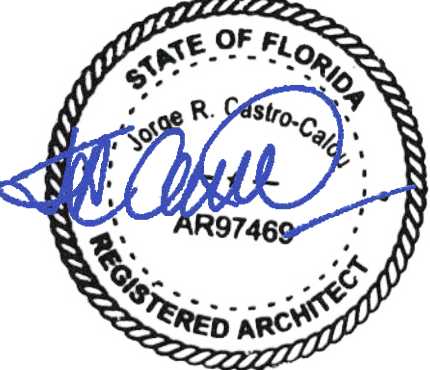
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PRINTING ELECTRONICALLY SIGNED DOCUMENT:

IN ORDER FOR THIS DOCUMENT TO BE VIEWED CORRECTLY IT MUST BE PRINTED ON AN 18"x24" "ARCH C" SIZE PAPER AND WITH NO SCALING, FITTING TO PAGE, OR CUSTOM SIZE OPTIONS. PRINTING THIS SHEET NOT TO SCALE IS ONLY FOR VISUAL AID PURPOSES. THE SIGNING SURVEYOR TAKES NO LIABILITY IN INFORMATION OBTAINED FROM ITS USE IN SUCH MANNER.





JACKSON STREET  
MULTIFAMILY  
1936-1938 Jackson St.  
City of Hollywood  
FLORIDA 33020

PROPERTY  
SURVEY

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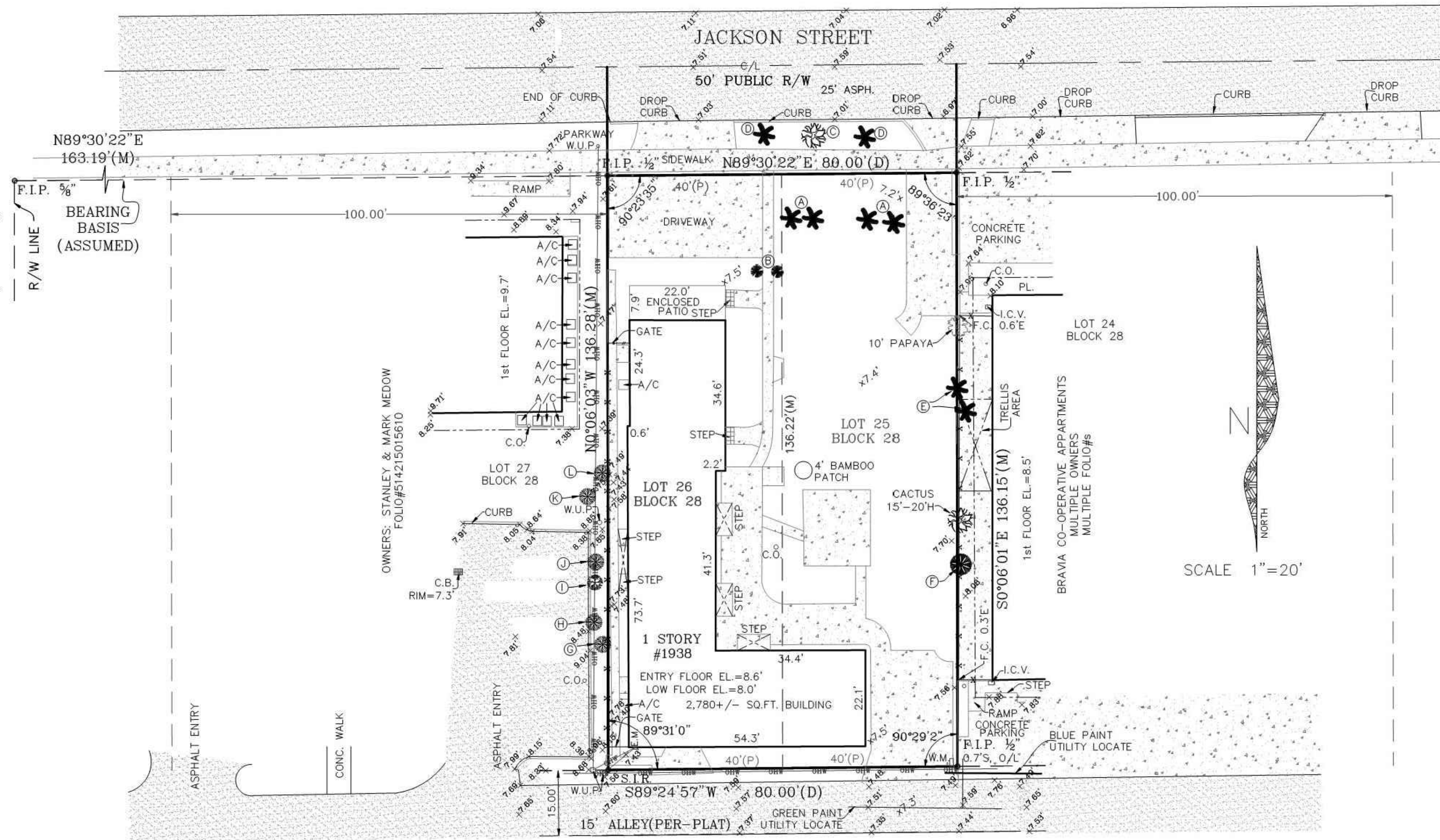
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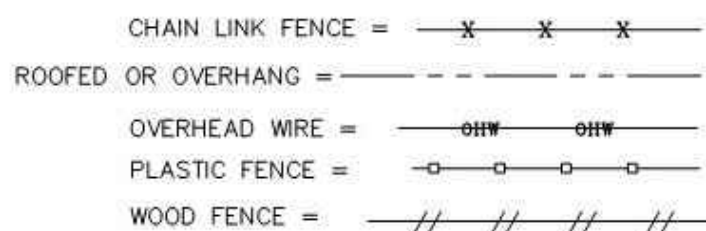
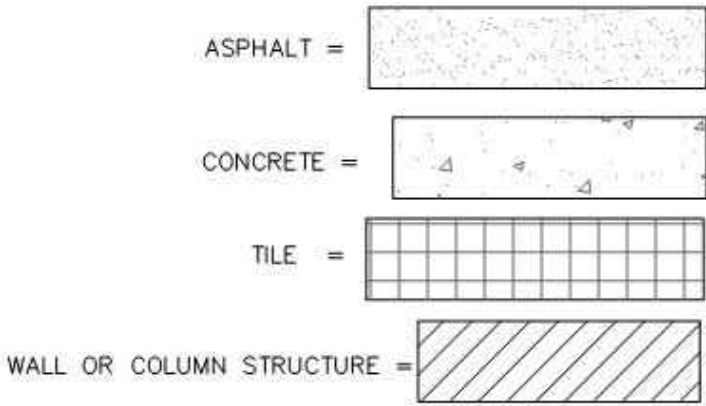
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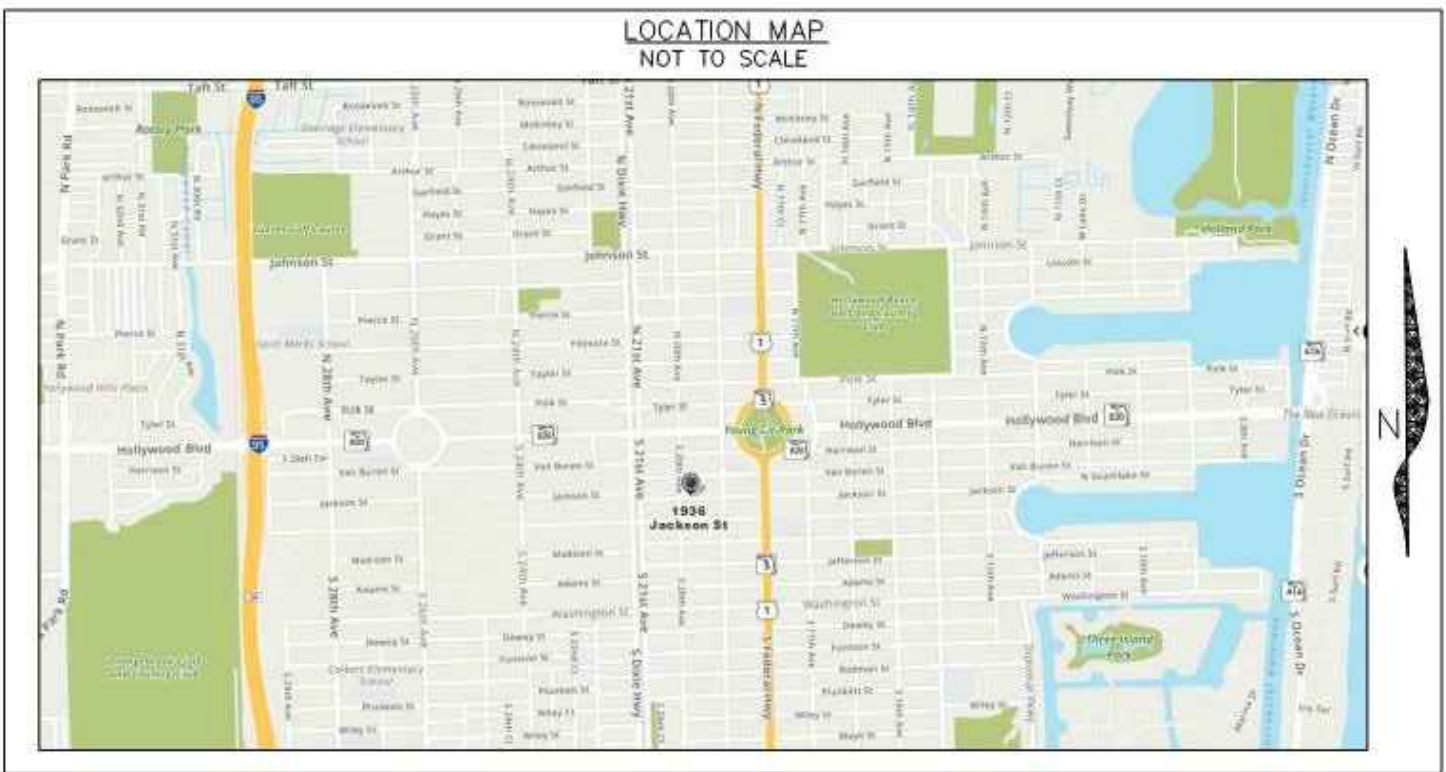
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TAKEN TO THE CENTER OF THE FENCE, FENCE LINES MAY MEANDER ALONG PROPERTY LINES, FENCE LINES MAY BE SHOWN EXAGGERATED TO BETTER ILLUSTRATE WHERE THEY ARE LOCATED  
6) SUBSURFACE FOUNDATION FEATURES WERE NOT LOCATED FOR THIS SURVEY 7) SUBSURFACE UTILITY FEATURES WERE NOT LOCATED FOR THIS SURVEY 8) SYMBOLS SHOWN ON THIS SURVEY MAY NOT  
BE DRAWN TO SCALE AND ARE SHOWN THIS WAY FOR ILLUSTRATIVE PURPOSES 9) THIS IS NOT A VALID SURVEY WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED  
SURVEYOR AND MAPPER 10) THIS SURVEY MEETS OR EXCEEDS THE ACCURACY STANDARDS IN CHAPTER 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE 11) THIS SURVEY HAS BEEN PREPARED FOR THE  
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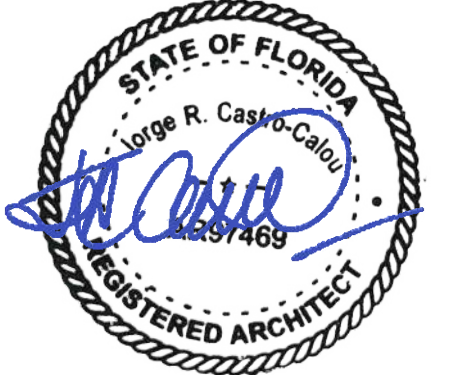
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ARCHITECT SEAL:  
JORGE CASTRO-CALOU - AR97469



OWNER: **AESTHETIC APARTMENTS INC**  
**1825 MAIN ST #8**  
**WESTON FL 33024**

[illegible]

**JACKSON STREET  
MULTIFAMILY**  
1936-1938 Jackson St.  
City of Hollywood  
FLORIDA 33020

PROJECT INFO:

# JACKSON STREET PROFILE & PHOTOS

DRAWING INFO:

NOTE:

WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.

CONTRACTORS SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB; AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH

Project number

Drawn by

Scale

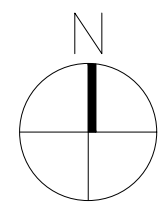
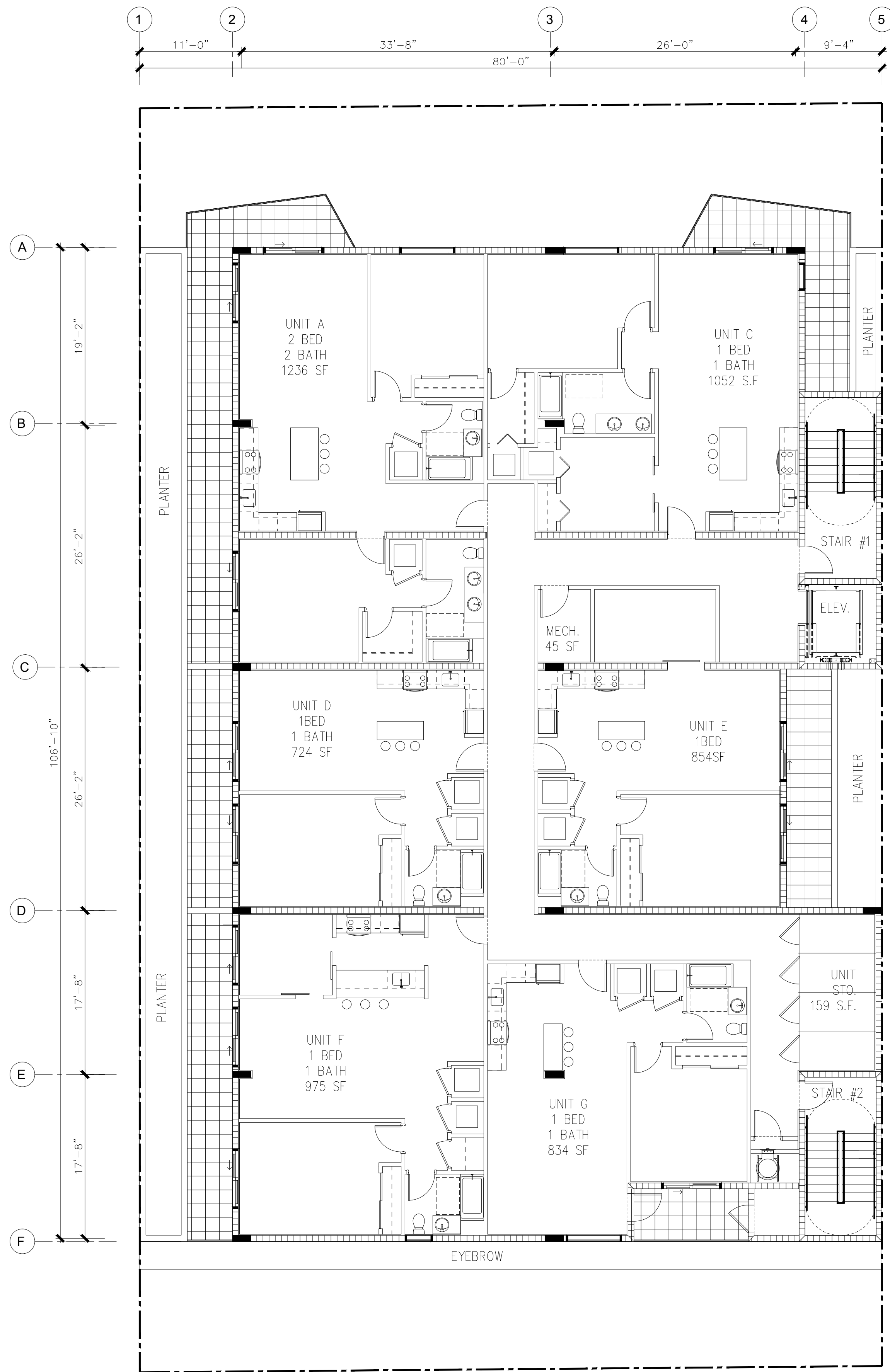






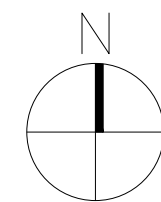
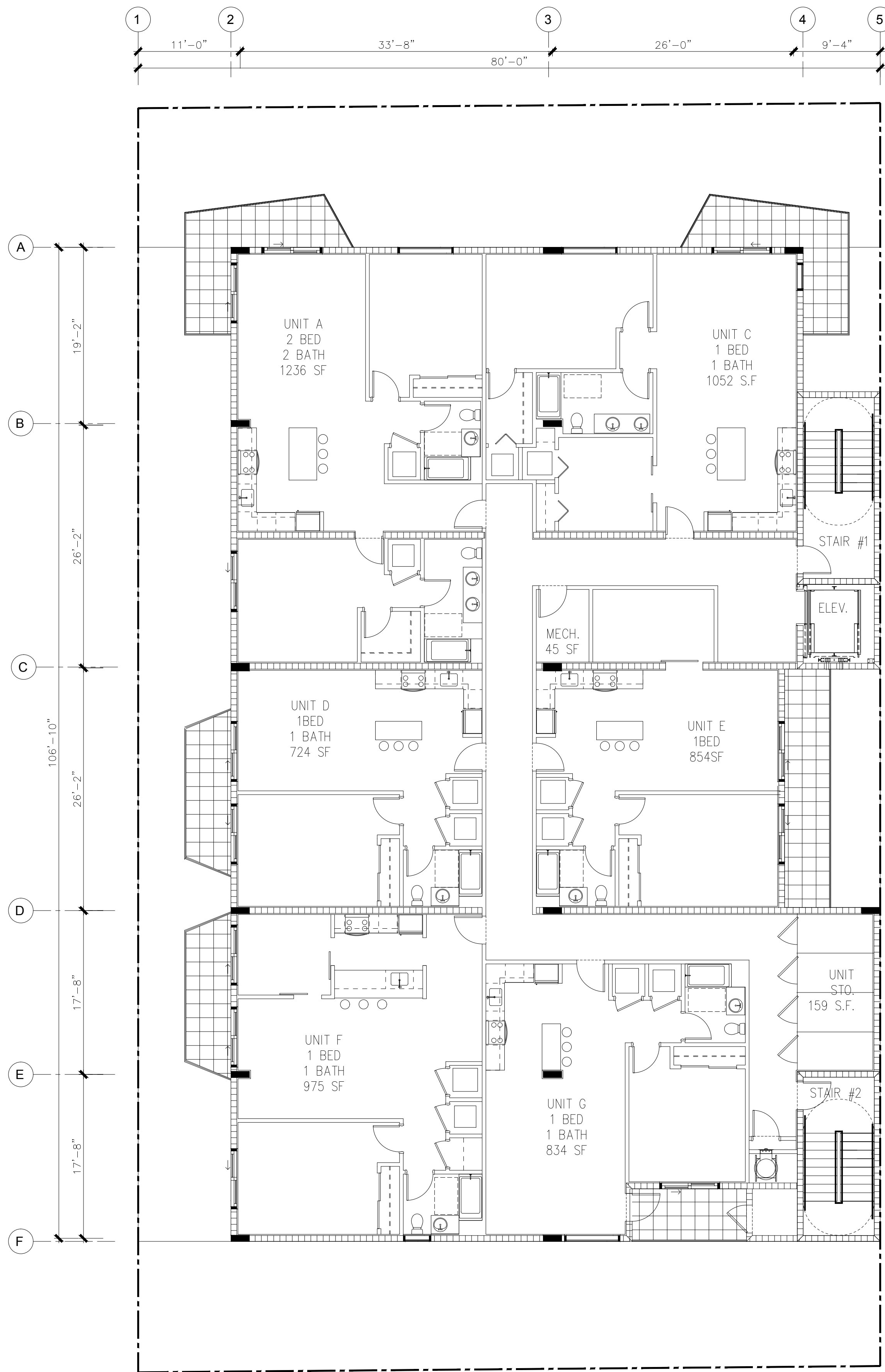
16 LEVEL 2 - ELEV. 14'-0"

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



18 LEVEL 3 - ELEV. 24'-6"

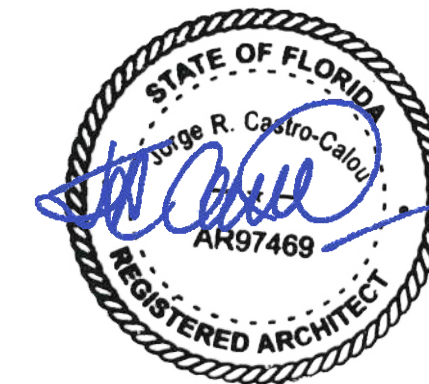
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NO.	DRAWING ISSUE	DATE
	P&D BOARD MEETING	09-15-20

JACKSON STREET  
MULTIFAMILY  
1936-1938 Jackson St.  
City of Hollywood  
FLORIDA 33020

PROJECT INFO:

FLOOR PLAN  
LEVELS 2-3

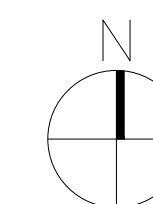
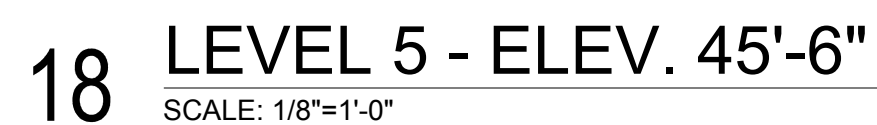
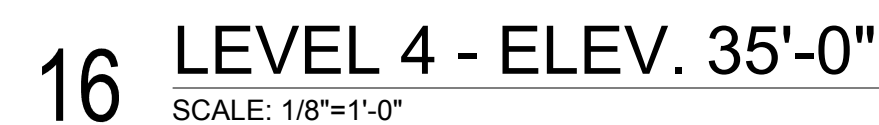
DRAWING INFO:

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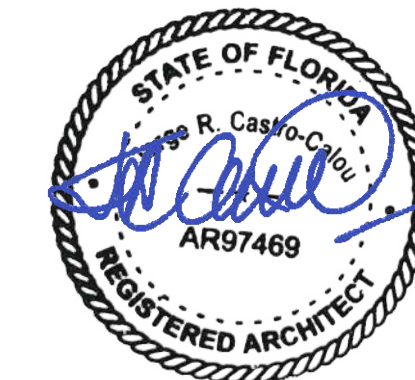
Scale



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	P&D BOARD MEETING	09-15-20

**JACKSON STREET  
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City of Hollywood  
FLORIDA 33020

PROJECT INFO:

## FLOOR PLANS LEVELS 4-5

DRAWING INFO:

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Project number

Drawn by

Scale

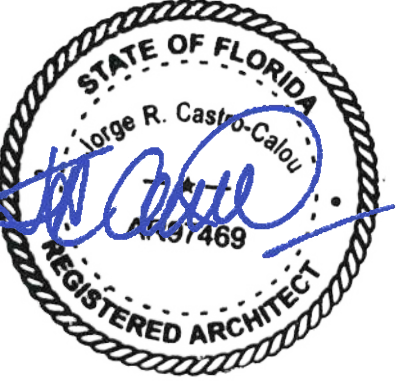
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**WESTON FL 33024**

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**JACKSON STREET  
MULTIFAMILY**  
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City of Hollywood  
FLORIDA 33020

PROJECT INFO:

# ROOF PLAN

DRAWING INFO:

NOTE:

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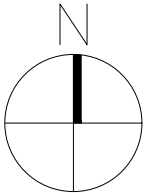
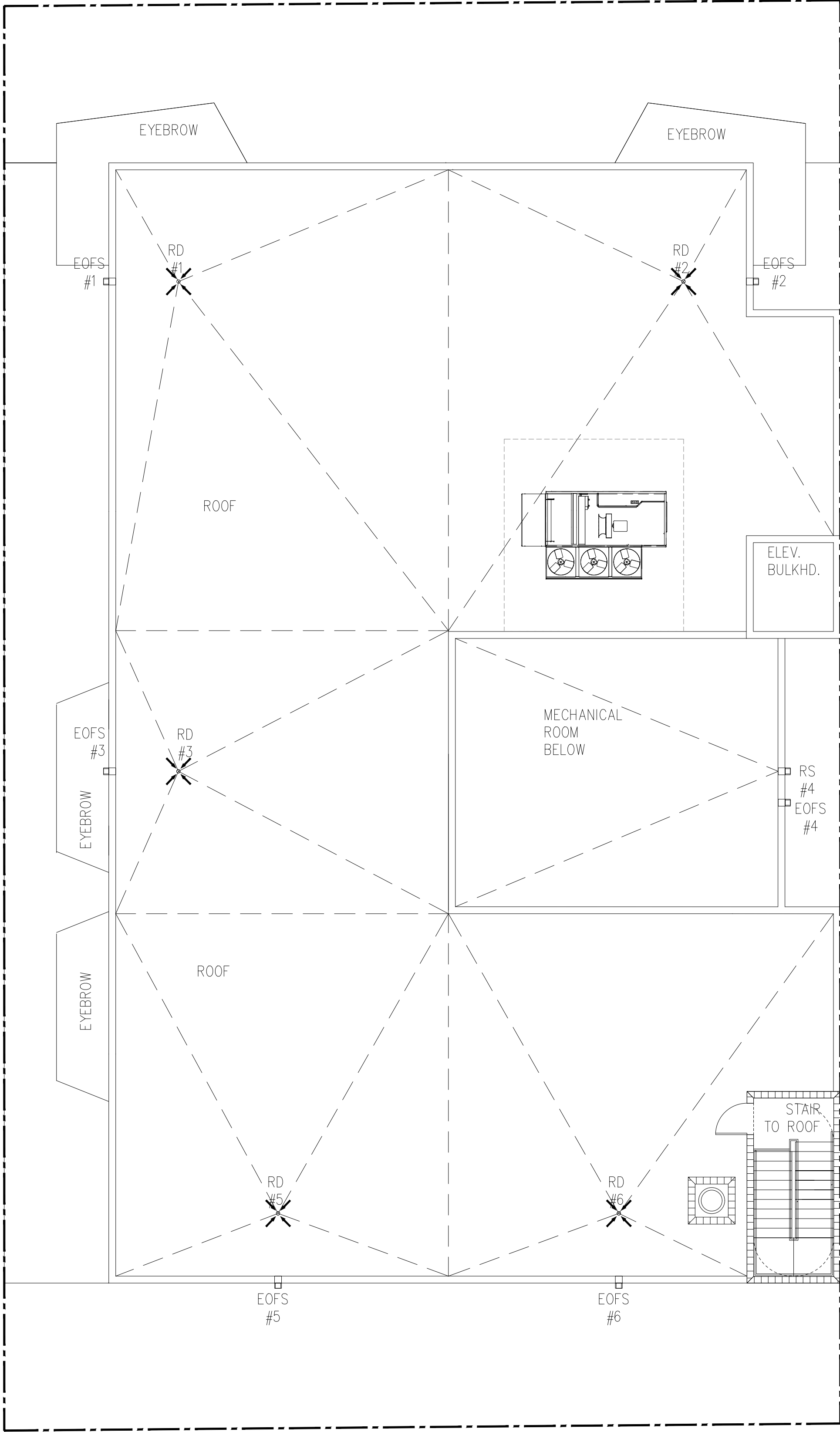
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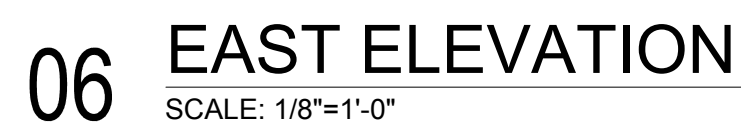
Project number

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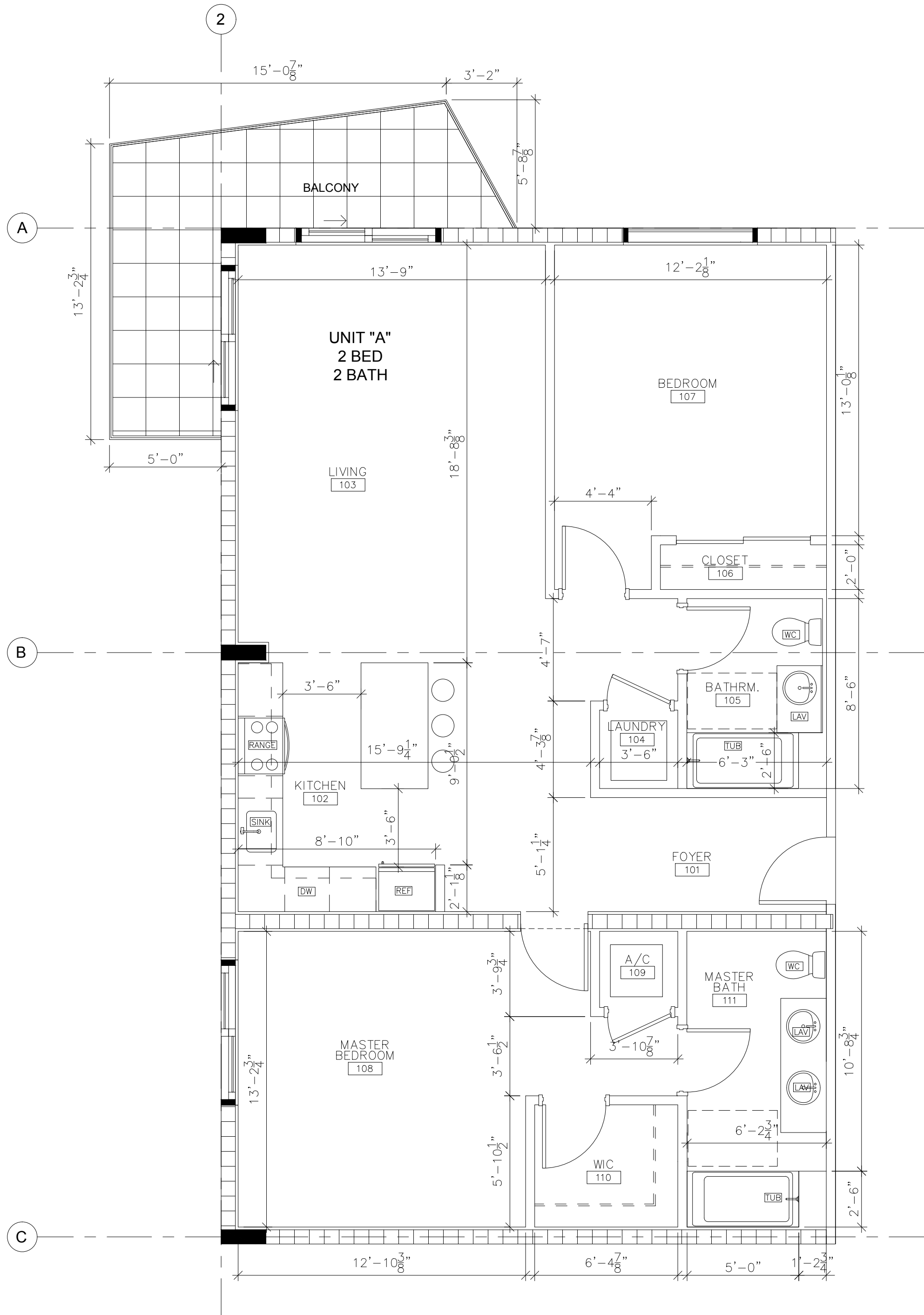
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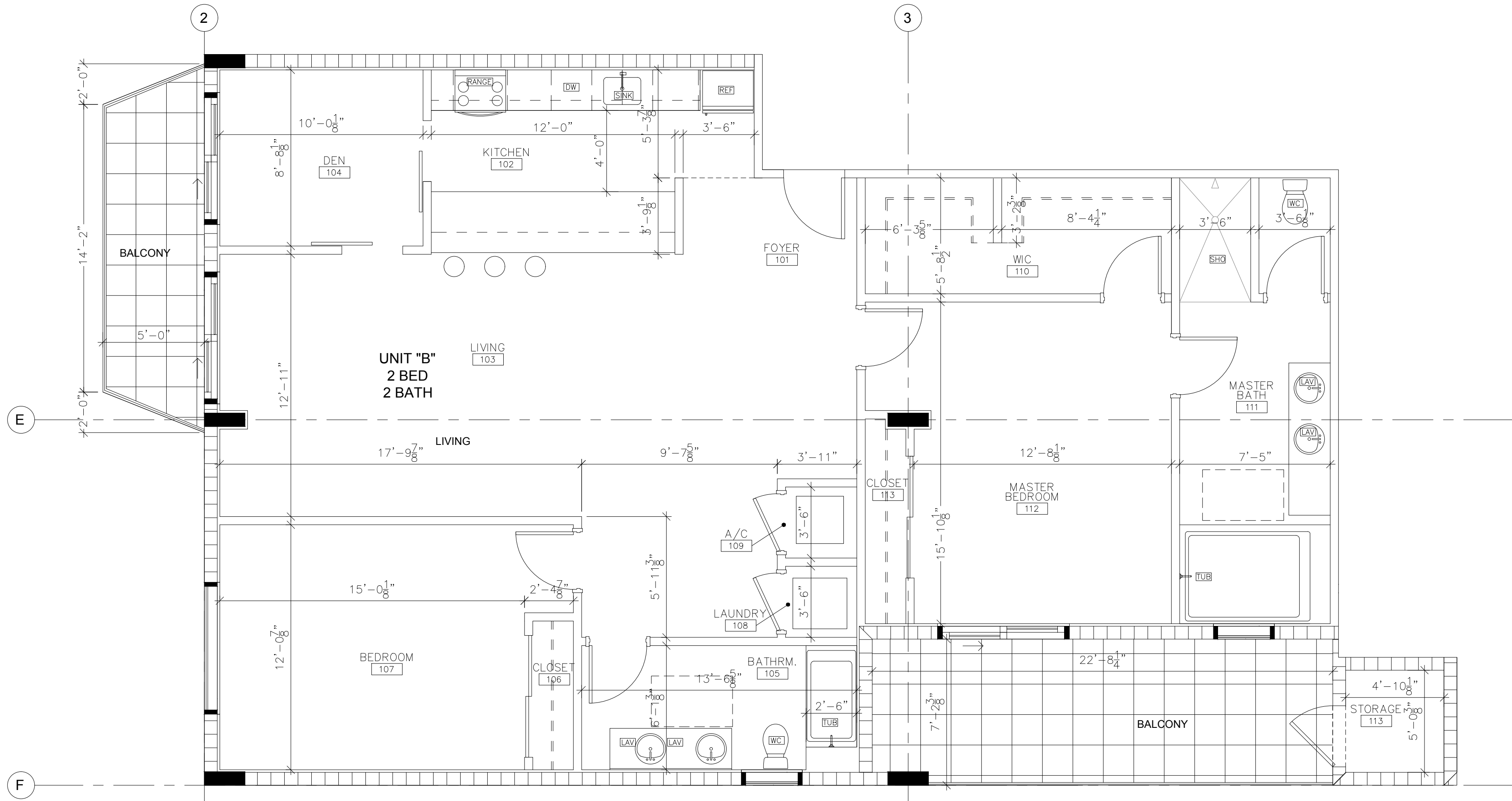








11 ENLARGED FLOOR PLAN - UNIT A  
SCALE: 1/4"=1'-0"



08 ENLARGED FLOOR PLAN - UNIT B  
SCALE: 1/4"=1'-0"

	CONCRETE COLUMN / SHEARWALL
	8" CMU WALL
	STUD WALL
	STUD WALL W/ SOUND INSULATION
	1 HOUR FIRE RATED PARTITION
	2 HOUR FIRE RATED SHAFT WALL

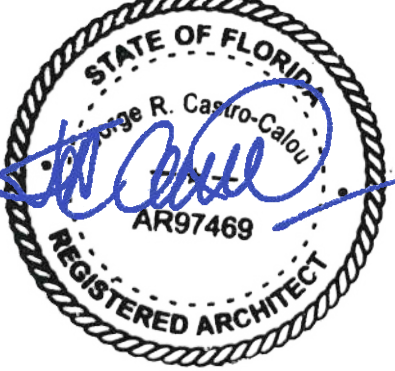
- FINISH NOTES
- ALL FINISHES SHALL COMPLY WITH NFPA 101 SECTION 18.3.3 INTERIOR FINISHES, 18.3.3.2 INTERIOR WALL AND CEILING FINISHES. INTERIOR FINISH ON WALLS AND CEILINGS IN ACCORDANCE WITH SECTION 6-5 ARE AS FOLLOWS: (a) EXIT ENCLOSURES- CLASS A (b) LOBBIES AND CORRIDORS-CLASS A OR B (c) ALL OTHER SPACES-CLASS A, B, OR C
  - ALL GWB & PLASTER FINISHES SHALL BE SMOOTH FINISH, PRIMED AND PAINTED
  - ALL INTERIOR FINISHES IN APARTMENTS SHALL BE A MINIMUM OF CLASS 'C' IN ACCORDANCE WITH ASTM-E-84
  - STUD GAUGE SHALL BE AS SPECIFIED, EXCEPT AT BATHROOMS, A MIN 20 GAUGE AT 16" O.C. SHALL BE USED WHERE CABINETS OR PLUMBING FIXTURES ARE HUNG
  - VINYL SHELVING TO BE PROVIDED AT ALL CLOSETS. LINEN CLOSETS AND PANTRY CLOSETS TO HAVE (5) SHELVES EACH
  - CLOSETS TO HAVE ROD 12" OFF BACK WALL AT 6' A F F WITH 12" SHELF ABOVE 4" ABOVE ROD
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  - SOUNDPROOF MEMBRANE TO BE PROVIDED AT KITCHEN AND BATHROOMS UNDER TILES.
  - GLASS SHOWER ENCLOSURES TO BE CATEGORY II SAFETY GLASS



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1825 MAIN ST #8  
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P&D BOARD MEETING 09-15-20

JACKSON STREET  
MULTIFAMILY  
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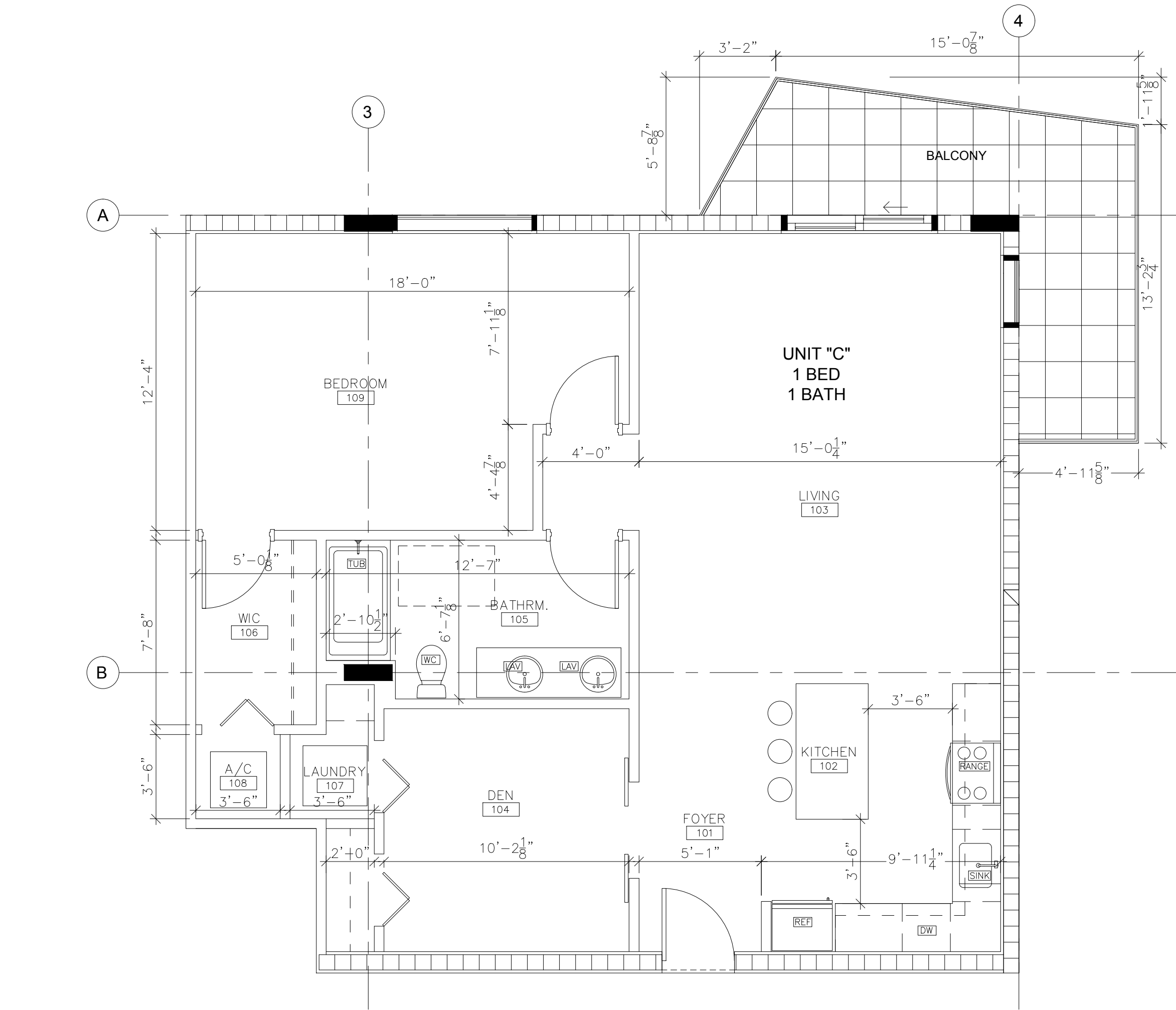
PROJECT INFO:

ENLARGED  
UNIT  
FLOORPLANS

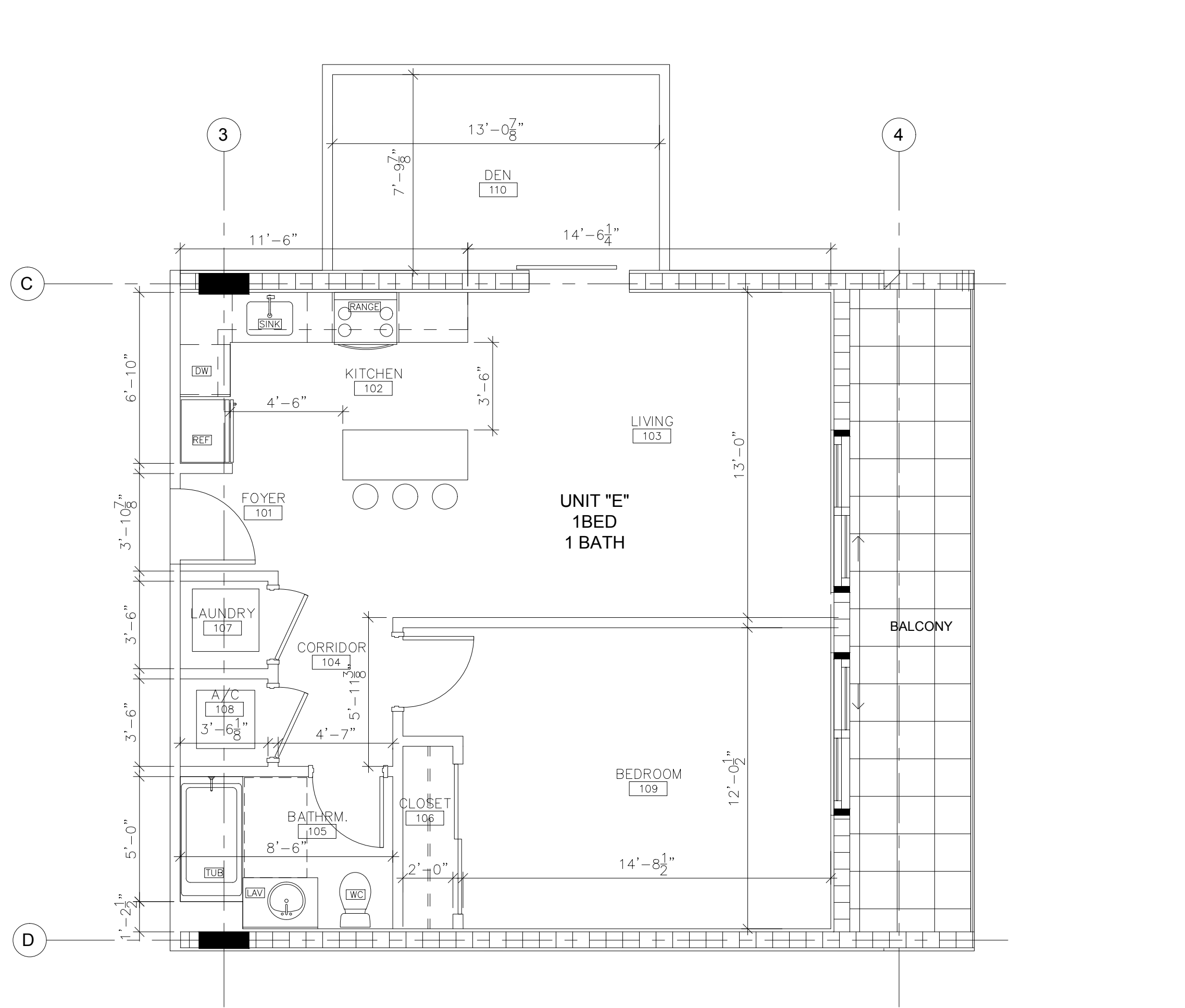
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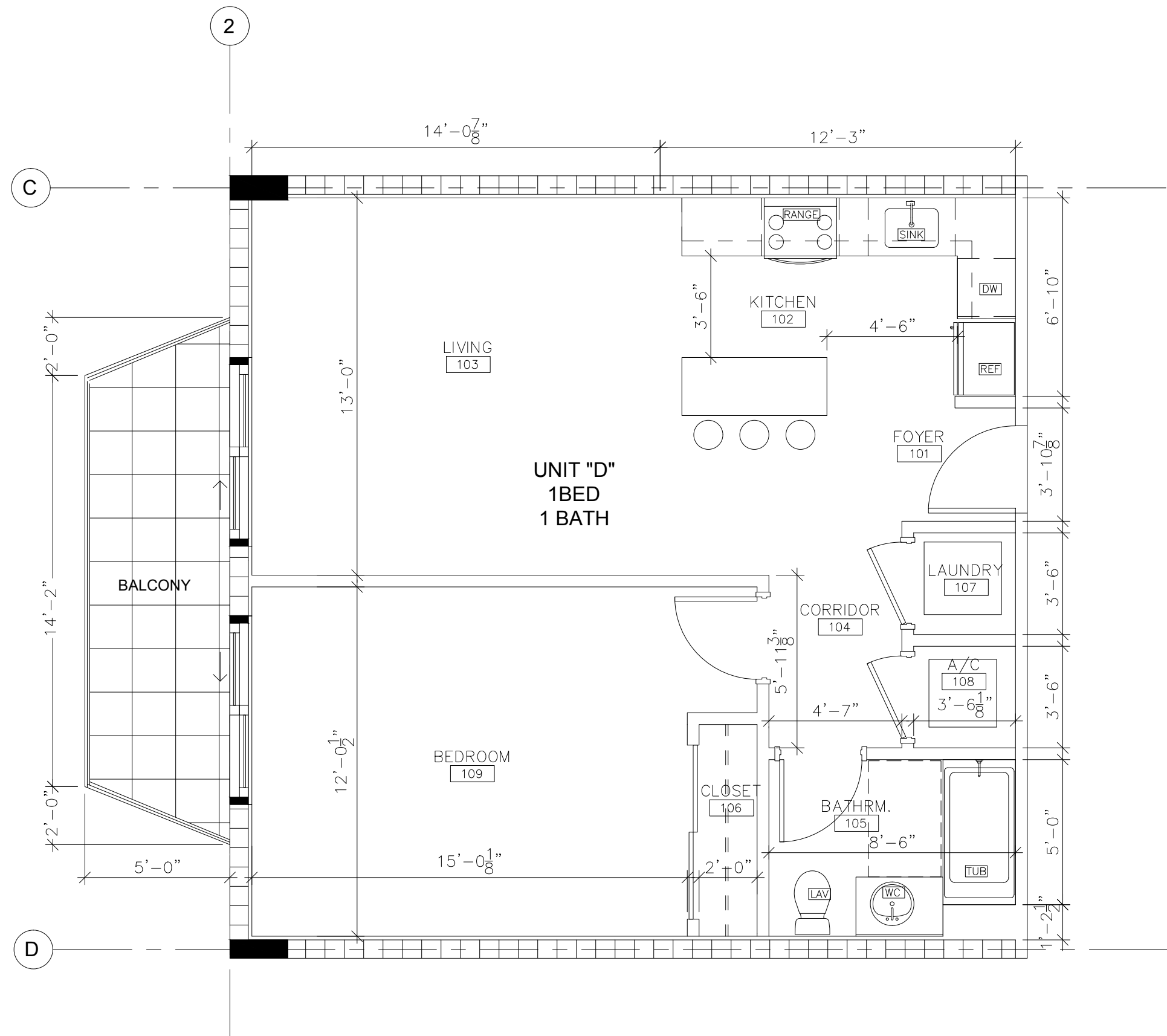
Project number  
Drawn by  
Scale



18 ENLARGED FLOOR PLAN - UNIT C  
SCALE: 1/4"=1'-0"



09 ENLARGED FLOOR PLAN - UNIT E  
SCALE: 1/4"=1'-0"



16 ENLARGED FLOOR PLAN - UNIT D  
SCALE: 1/4"=1'-0"

	CONCRETE COLUMN / SHEARWALL
	8" CMU WALL
	STUD WALL
	STUD WALL W/ SOUND INSULATION
	1 HOUR FIRE RATED PARTITION
	2 HOUR FIRE RATED SHAFT WALL

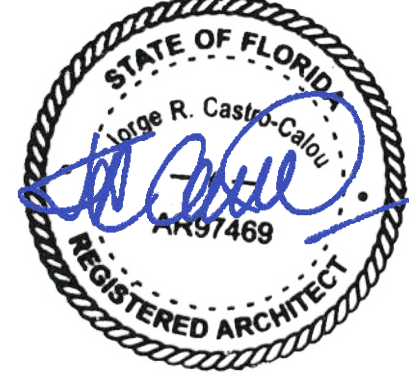
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  - GLASS SHOWER ENCLOSURES TO BE CATEGORY II SAFETY GLASS



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NO.	DRAWING ISSUE	DATE
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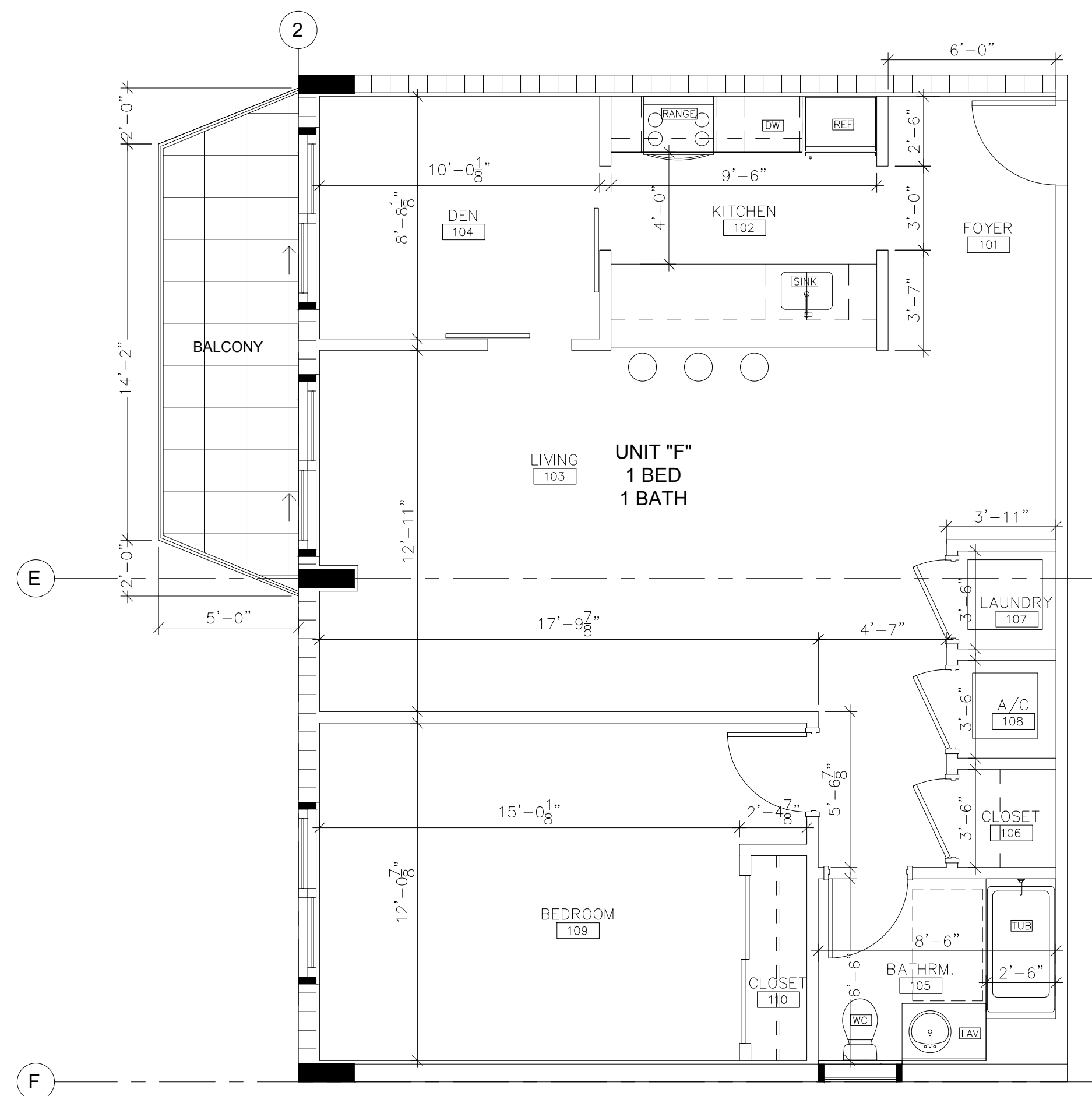
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1936-1938 Jackson St.  
City of Hollywood  
FLORIDA 33020

PROJECT INFO:

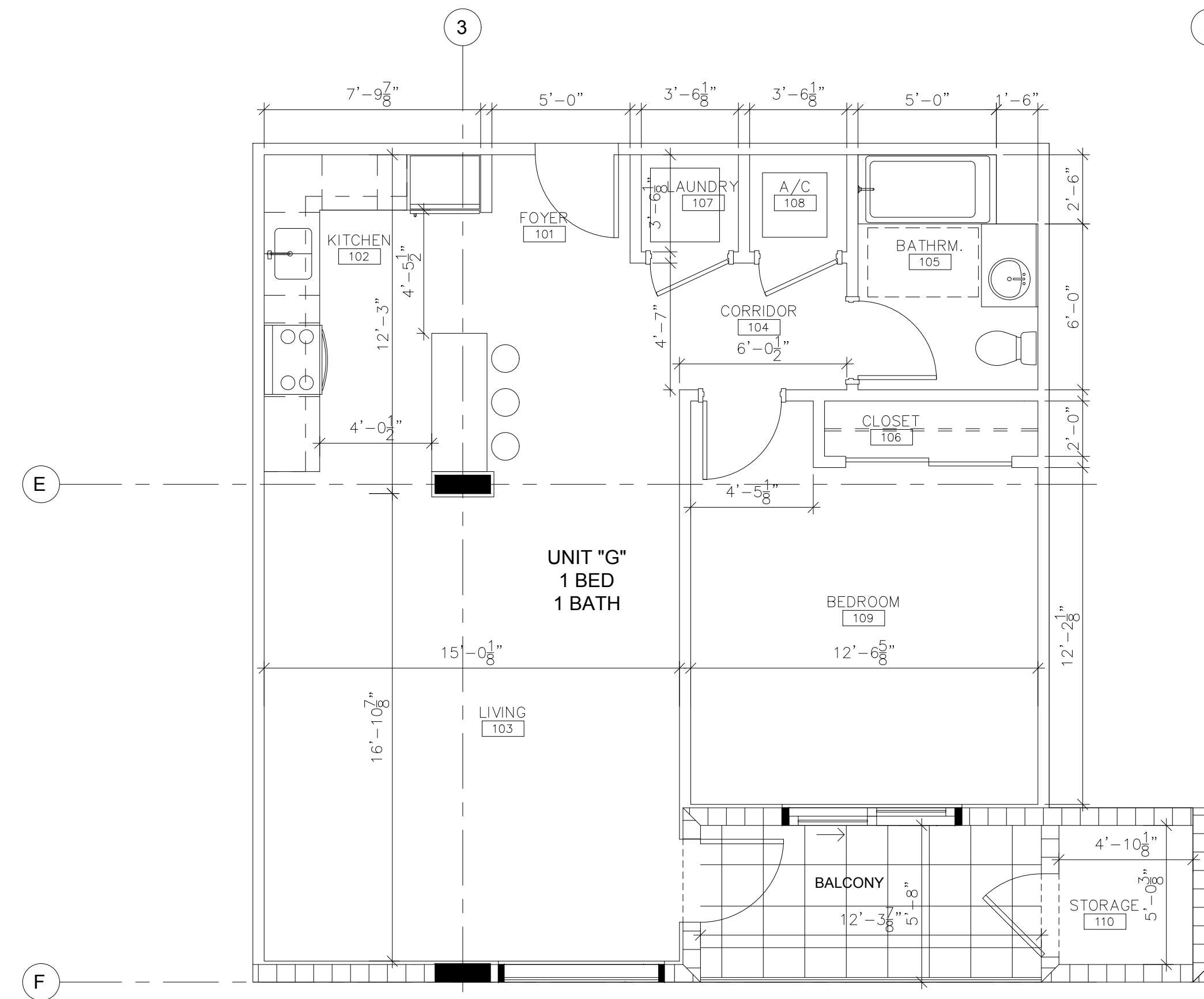
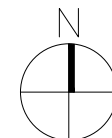
ENLARGED  
UNIT  
FLOORPLANS

DRAWING INFO:

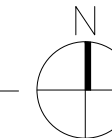
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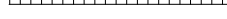



## 06 ENLARGED FLOOR PLAN - UNIT F



## 09 ENLARGED FLOOR PLAN - UNIT G



	CONCRETE COLUMN / SHEAR WALL
	8" CMU WALL
	STUD WALL
	STUD WALL W/ SOUND INSULATION
	1 HOUR FIRE RATED PARTITION
	2 HOUR FIRE RATED SHAFT WALL

## FINISH NOTES

1. ALL FINISHES SHALL COMPLY WITH NFPA 101 SECTION 18.3.3 INTERIOR FINISHES 18.3.3.2 INTERIOR WALL AND CEILING FINISHES. INTERIOR FINISH ON WALLS AND CEILINGS IN ACCORDANCE WITH SECTION 6-5 ARE AS FOLLOWS: (a) EUT ENCLOSURES-- CLASS A (b) LOBBIES AND CORRIDORS--CLASS A OR B (c) ALL OTHER SPACES--CLASS A, B, OR C
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PROJECT INFO:

DRAWING INFO:

NOTE:

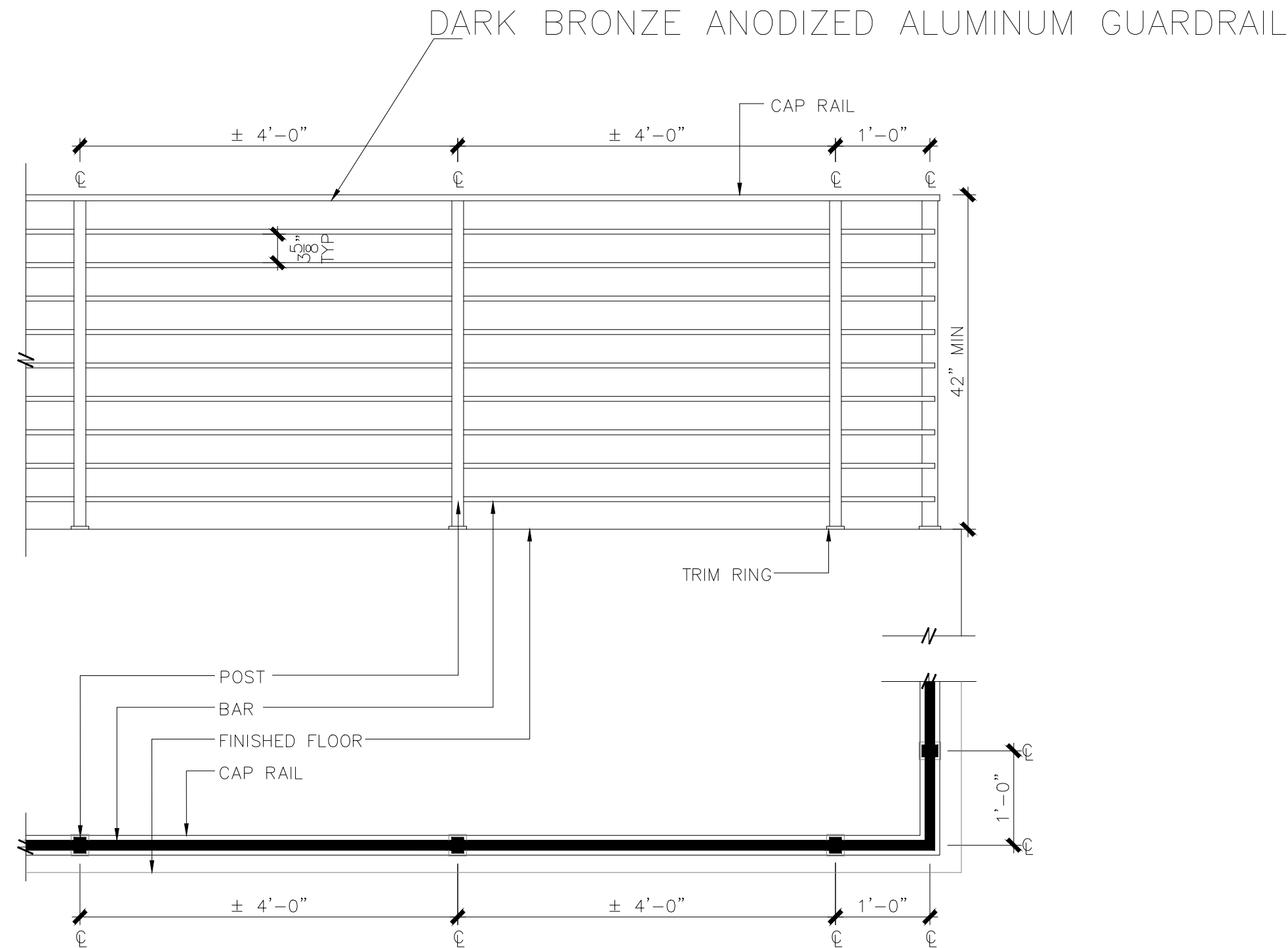
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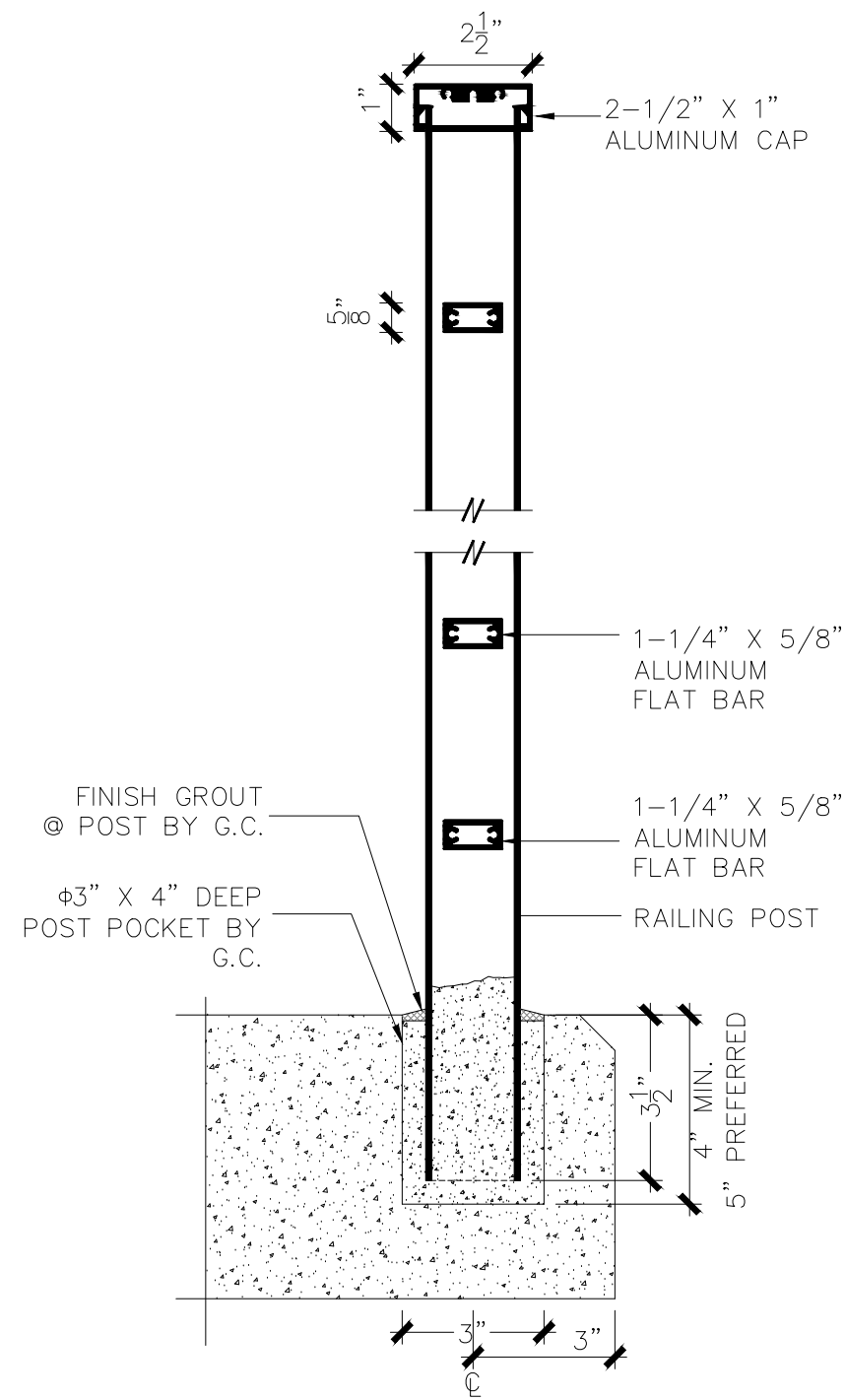
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 Scale \_\_\_\_\_

A7.03



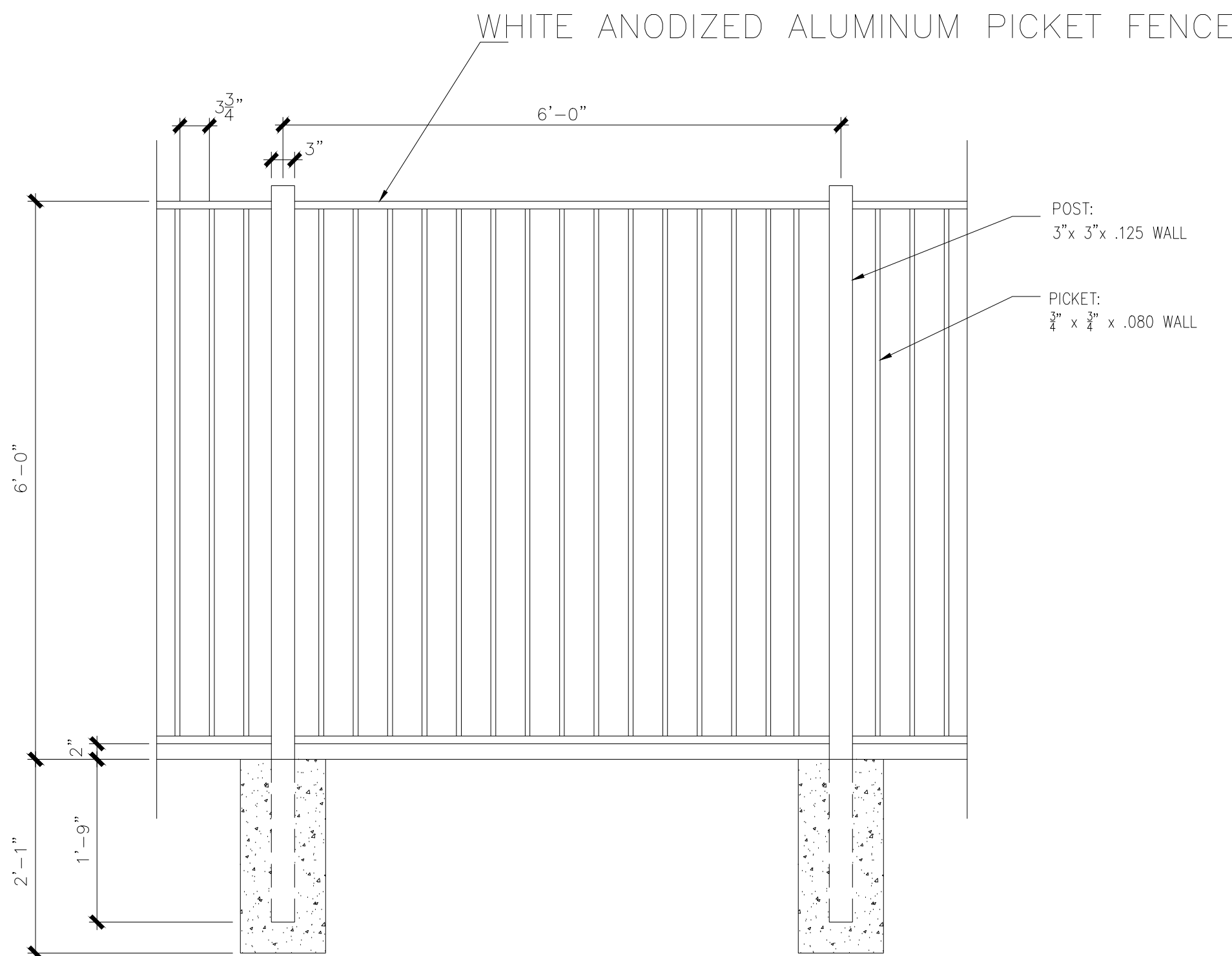
06 BALCONY HANDRAIL PLAN & ELEVATION (TYP)

SCALE: 3/4" = 1'-0"



08 HANDRAIL SECTION

SCALE: 3" = 1'-0"



16 FENCE DETAIL @ ALLEY

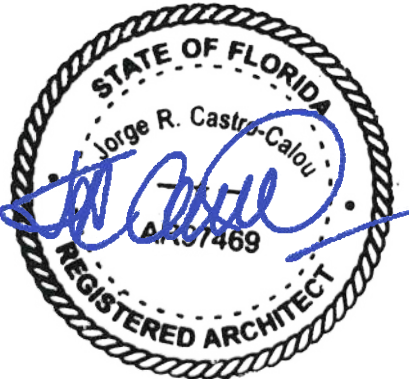
SCALE: 3/4" = 1'-0"



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	P&D BOARD MEETING	09-15-20

**JACKSON STREET  
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City of Hollywood  
FLORIDA 33020

PROJECT INFO:

## DETAILS

DRAWING INFO:

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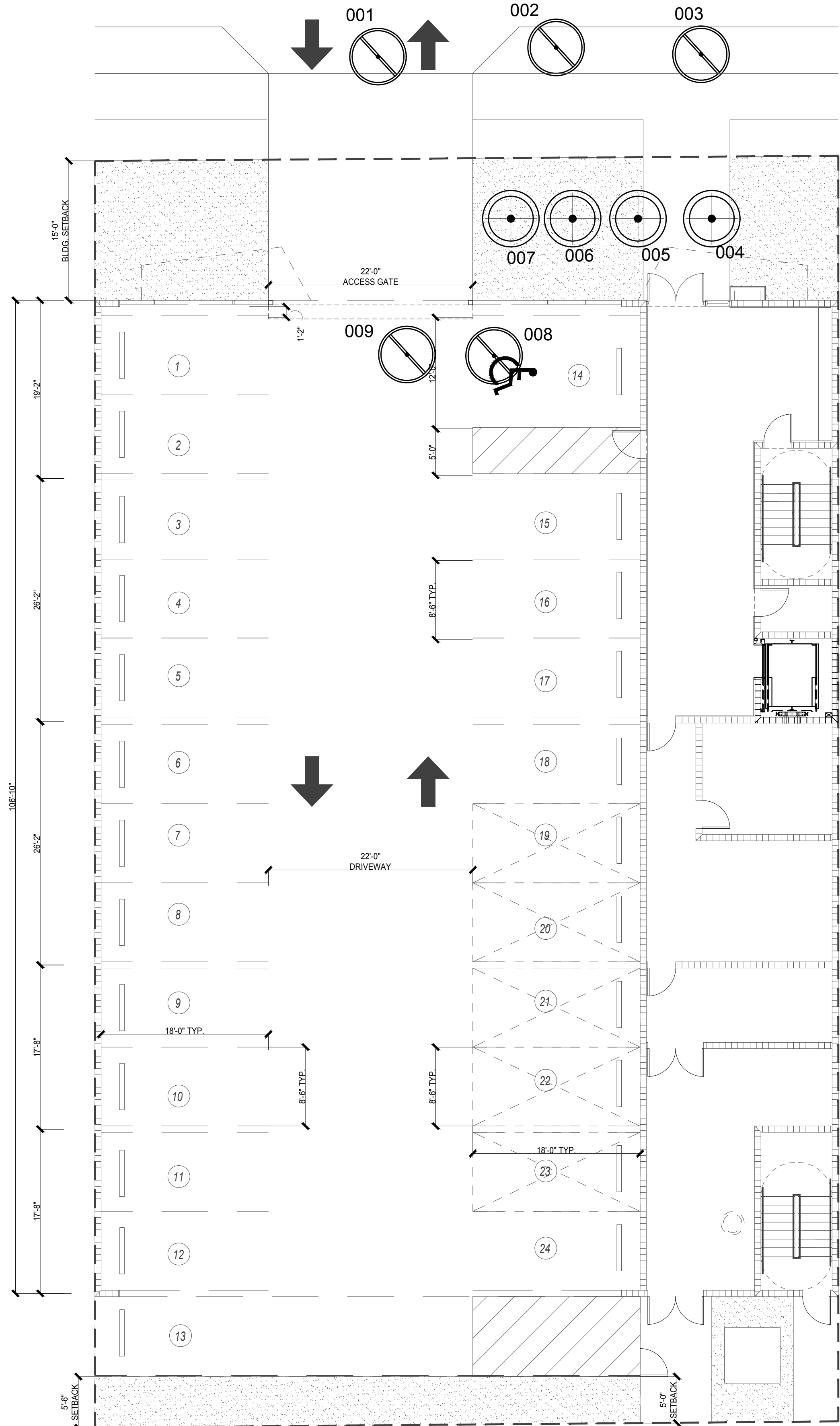
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Project number

Drawn by

Scale

A8.01



CITY OF HOLLYWOOD						
TREE DISPOSITION LIST:						
TREE	COMMON NAME/SCIENTIFIC NAME	DBH(in)	HT(ft)	CANOPY(ft)	DISPOSITION	CONDITION COMMENTS
01	ARECA PALM/ Dypsis lutescens	ML	4.5	5	TO REMOVE	POOR POOR CONDITION/ MITIGATION REQ.
02	GUMBO LIMBO/ Bursera simaruba	10	15	11	TO REMOVE	POOR POOR CONDITION/ MITIGATION REQ.
03	ARECA PALM/ Dypsis lutescens	ML	7	5	TO REMOVE	POOR POOR CONDITION/ MITIGATION REQ.
04	ADONIDIA PALM/ Adonidia merrillii	5'ct	8	6	TO BE RELOCATED	FAIR
05	ADONIDIA PALM/ Adonidia merrillii	4'ct	8	6	TO BE RELOCATED	FAIR
06	ADONIDIA PALM/ Adonidia merrillii	3'ct	7	6	TO BE RELOCATED	FAIR
07	ADONIDIA PALM/ Adonidia merrillii	5'ct	8	6	TO BE RELOCATED	FAIR
08	ITALIAN CYPRESS/ Cupressus sempervirens	2	10	2	TO REMOVE	POOR POOR CONDITION/ MITIGATION REQ.
09	ITALIAN CYPRESS/ Cupressus sempervirens	2	10	2	TO REMOVE	POOR POOR CONDITION/ MITIGATION REQ.

CONDITION: EXCELLENT=90-100%, GOOD=75-85%, FAIR=60-70%, POOR=40-50%, VERY POOR=10-35%

TREE MITIGATION: Do not relocate, remove or destroy a tree without first obtaining a permit from the City.

City of Hollywood mitigation requirements:

Trees: (10) inches of DBH to be removed (#2)

Palms: (2) palms to be removed and replaced at 1:1 (#1,#3)

Cypress: (2) cypress to be removed and replaced at 1:1 (#8, #9)

Mitigation requirements: hardwood DBH must be mitigated with hardwood replacement inch by inch.

(5) trees at 2" DBH min. and 12' Ht. equals (10") dbh mitigation

(4) palm trees at 8' CT equals 1:1 replacement.

Proposed mitigation:

(4) palms trees at 8' CT (4 Royal palms proposed, see sheet L2)

Trees with a minimum of 2" DBH min. or greater and 12' Ht. or greater equals (10") dbh mitigation

(5) Silver Buttonwood trees with 2" dbh = 10" dbh provided for replacement/ see sheet L2.

### TREE DISPOSITION LEGEND:

001 Tree/Palm Number  
(TYP)

Existing TREE/PALM TO BE RELOCATED

Refer To Landscape Plan for new location

(All Sabal Palms on site in conflict with proposed development will be relocated)

Whether noted on plans or not.

Symbol may be enlarged to include more than one tree

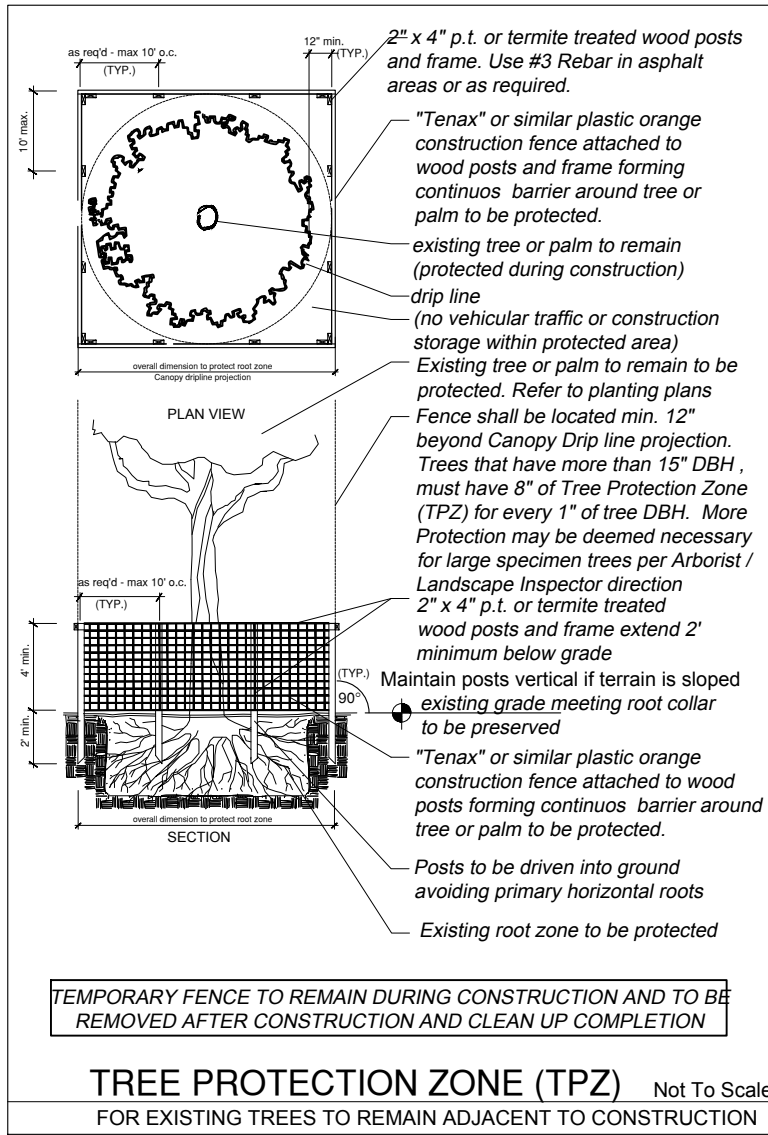
001

Existing TREE/PALM TO BE REMOVED

Mitigated with Replacement Trees - Refer To Landscape Plan

(Refer To Tree Survey/Disposition Plan List For Species and Canopy Sizes)

Symbol may be enlarged to include more than one tree



NOTE: EXISTING PALMS TO REMAIN WILL COUNT TOWARDS SITE REQUIREMENTS.

### TREE REMOVAL NOTES:

- ALL TREES AND PLANT MATERIAL TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. CONTRACTOR SHALL INSTALL PROTECTIVE BARRIERS SUCH AS TENAX, ORANGE SAFETY FENCING OR SIMILAR, TO BE INSTALLED AT THE BEGINNING OF THE PROJECT. BARRIERS SHALL BE LOCATED TO INCLUDE THE DRIP LINE OF THE TREES, PALMS AND PLANT MATERIAL. THE CONTRACTOR SHALL TAKE EXTRA CAUTION TO PREVENT ANY DAMAGE TO THE TRUNK, ROOT ZONES AND GRADE. SEE TREE PROTECTION DETAIL.
- EXISTING TREES TO REMAIN SHALL BE TRIMMED PER ANSI-A300 STANDARDS, REMOVING WEAKEST RUBBING BRANCHES AND DEAD BRANCHES, BUT RETAINING 80% OF FOLIAGE UNLESS OTHERWISE NOTED. LARGE TREES SHALL HAVE LOWER BRANCHES CLEARED UP TO 6'.
- TRIMMING AND ANY NECESSARY ROOT PRUNING SHALL BE PERFORMED OR SUPERVISED BY A CERTIFIED ARBORIST TO INSURE QUALITY WORK AND MAXIMIZE SURVIVAL RATE.
- REMOVAL OF ANY TREES OR PALMS WILL REQUIRE A WRITTEN "TREE REMOVAL PERMIT" FROM THE LOCAL GOVERNING AGENCY PRIOR TO REMOVAL. NON-NATIVE TREES CLASSIFIED AS NUISANCE TREES MAY BE EXEMPT FROM THE PERMIT. REFER TO TREE DISPOSITION LIST AND ALSO CONFIRM WITH LOCAL GOVERNING AGENCY.

SYMBOLS MAY BE SHOWN OFFSET FROM ACTUAL TREE LOCATION FOR CLARITY- ALWAYS CROSS CHECK WITH TREE DISPOSITION LIST FOR DISPOSITION STATUS. CONTACT LANDSCAPE ARCHITECT / ISA CERTIFIED ARBORIST FOR CLARIFICATION IF NEEDED OR CORRECTION OF ANY DISCREPANCIES.



## CENTER FOR COLLABORATIVE ARCHITECTURE

1424 SW 23 St, Miami, FL 33145

Ph: 786-487-3724

Email: general @ccadesign.net

AA26001345

ARCHITECT

SEAL: JORGE CASTRO-CALOU - AR97469

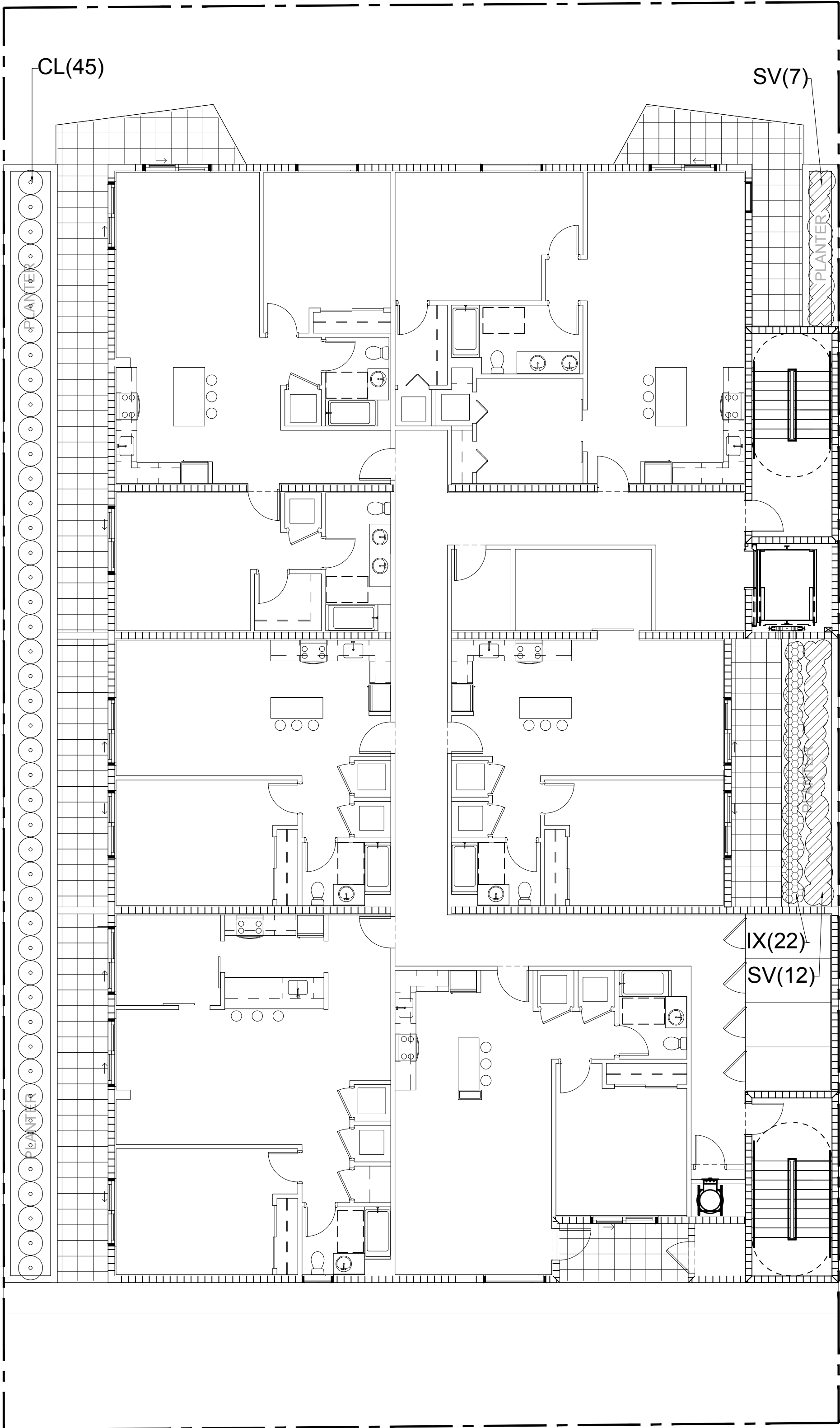
OWNER: AESTHETIC APARTMENTS INC

1825 MAIN ST #8

WESTON FL 33024

NO. DRAWING ISSUE DATE

#1 P&D Board Meeting 9-15-2020

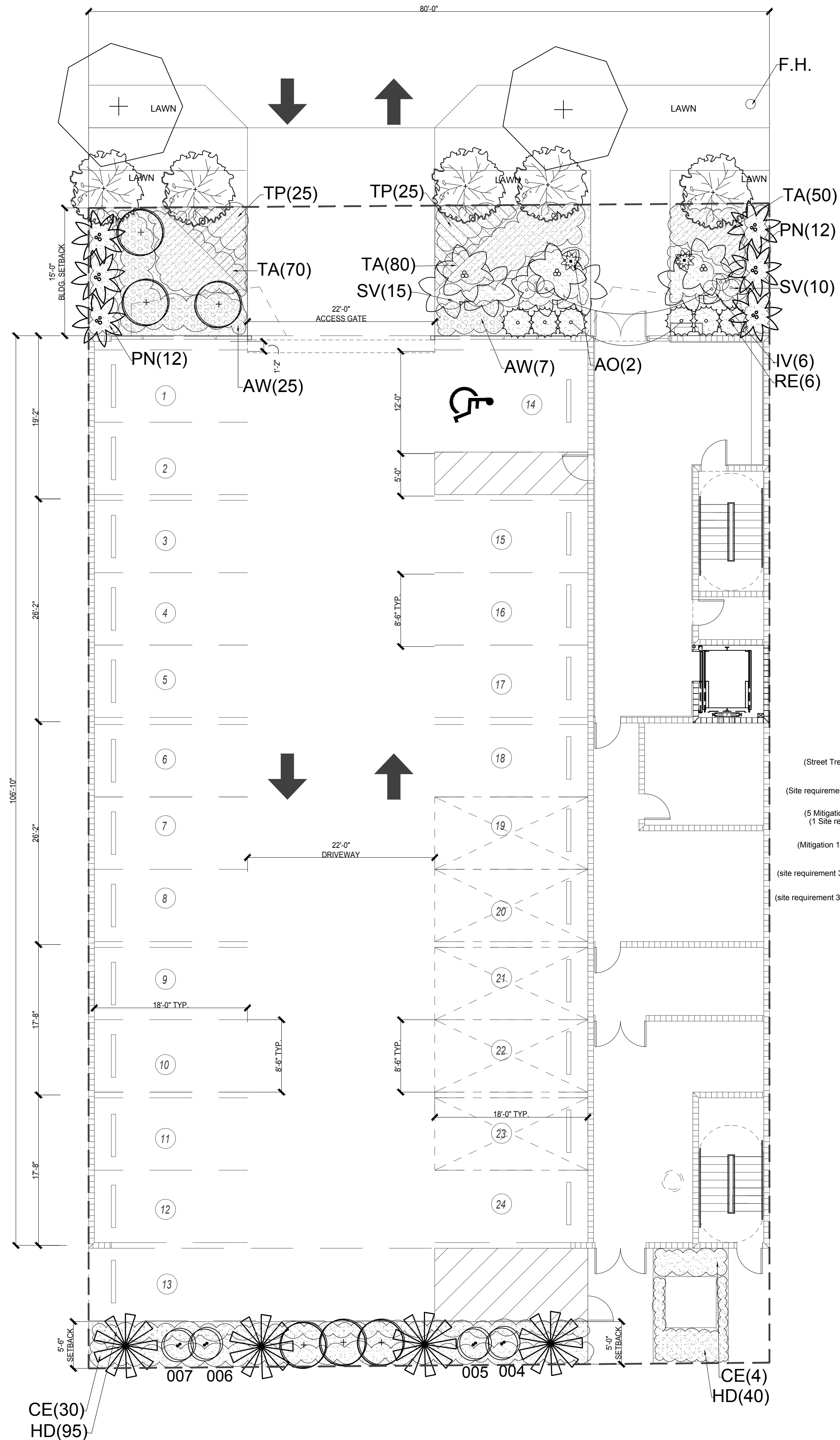


LEVEL 2 PLANTERS

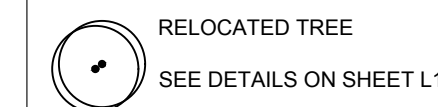
PLANTER PLANT LIST:

45	CL	*	Clusia guttifera CLUSSIA	36"ht.x 24"spr. 7 gal.	HIGH
22	IX	(#) *	Ixora taiwanensis 'Dwarf Red' RED DWF. IXORA	16"ht.x 16"spr. 3 gal.	MEDIUM
19	SV	(#) **	Schefflera arboricola 'Trinette' VAR. SCHEFFLERA	24"ht.x 24"spr. 3 gal.	HIGH

(#) SOUTH FLORIDA WATER MANAGEMENT PLANT LIST, 80% REQUIRED.



SYMBOL KEY



City of Hollywood Zoning: PS-3

Net Lot Area 10,916 s.f.

Perimeter Landscape

1. One 12' street tree per 50 linear feet or portion thereof, of street frontage of property wherein said improvements are proposed.  
REQ.: 2 (80 l.f. on Jackson Street)  
PROV.: 2 Trees

2. Alley buffer, 1 tree for every 20 linear feet. (80 l.f.)  
REQ.: 4  
PROV.: 4 Trees

5. At grade parking lot buffer, 1 tree for every 20 linear feet. 80 l.f.  
REQ.: 4  
PROV.: 4 Trees

Open Space

Minimum of one tree per 1,000 s.f. of pervious area of property.(1,038sf)  
REQ.: 1 Tree  
PROV.: 1 Tree

A MINIMUM OF 60% OF REQUIRED TREES AND 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES.  
TOTAL TREES REQUIRED: 11  
TOTAL TREES PROVIDED: 11 (ADDITIONAL TREES FOR MITIGATION)

NATIVE TREES REQ.: 7 PROV.: 19  
A MINIMUM OF 60% OF REQUIRED TREES AND 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES.  
A MAXIMUM OF 50% OF REQUIRED TREES MAY BE PALM SPECIES. PALMS SHALL BE COUNTED AS 3:1 FOR TREES.

The safe sight distance triangle area provide unobstructed cross visibility at a level between 2 feet and 6.5 feet.  
Plant material shall not be planted in the root balls of any tree.

Note: PROJECT SHALL COMPLY OR MEET WITH GREEN BUILDING CERTIFICATION REQUIREMENTS.  
NO INVASIVE PLANT SPECIES SHALL BE PLACED ON SITE.

AS PER CITY OF HOLLYWOOD, GREEN BUILDING PRACTICES, AT LEAST 80% OF PLANTS, TREES AND GRASSES PER THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT RECOMMENDATIONS.

PLANT LIST:

QTY.	KEY	BOTANICAL/COMMON NAME	DESCRIPTION	DROUGHT TOLERANCE
(Street Tree) 2	(#) ** ^	Burseria simaruba GUMBO LIMBO	12' ht. x 5' spr., 2" DBH f.g.	HIGH
(Site requirement) 5	(#) * ^	Chrysophyllum oliviforme SATIN LEAF	12' ht. x 5' spr., 2" DBH f.g.	HIGH
(5 Mitigation) (1 Site req.) 6	(#) * ^	Conocarpus erectus 'Sericeus' SILVER BUTTONWOOD STD	12' ht. x 5' spr., 2" DBH f.g.	HIGH
(Mitigation 1:1) 4	(#) ** ^	Roystonea elata ROYAL PALM	8' C.T. min., matched hts. HV, f.g.	MEDIUM
(site requirement 3:1) 6	(#) ** ^	Sabal palmetto CABBAGE PALM	16' o.a. ht., 8' CT min. BTD, f.g.	MEDIUM
(site requirement 3:1) 3	(#) **	Veitchia montgomeryana MONTGOMERY PALM	16' ht., 8' C.T. min., matched triple trk., f.g.	MEDIUM
2	AO	Alcantarea odorata GREY BROMELIAD	10 gal.	MEDIUM
32	AW	Acalypha wilkesiana 'Blaze' COPPERLEAF 'BLAZE'	24"ht x 24"spr. 3 gal.	MEDIUM
34	CE	Conocarpus erectus GREEN BUTTONWOOD	36"ht.x 24"spr. 7 gal.	HIGH
135	HD	Helianthus debilis BEACH SUNFLOWER	1 gallon, Full	HIGH
6	IV	Iris virginica BLUE FLAG IRIS	20"ht.x 20"spr. 3 gal.	MEDIUM
24	PN	Psychotria nervosa WILD COFFEE	24"ht.x 24"spr. 3 gal.	MEDIUM
6	RE	Rhapis excelsa LADY PALM	4' ht., F 15 gal.	MEDIUM
25	SV	Schefflera arboricola 'Trinette' VAR. SCHEFFLERA	24"ht.x 24"spr. 3 gal.	HIGH
200	TA	Trachelospermum asiaticum ASIATIC JASMINE	12" o.c., F 1 gal.	MEDIUM
50	TP	Tradescantia pallida PURPLE QUEEN	1 gallon, Full	HIGH
As Req.	LAWN	St. Augustine 'Floratan'	solid even sod	LOW

ABBREVIATIONS / DROUGHT TOLERANCE-ORIGIN

\* MODERATE DROUGHT TOLERANCE  
\*\* VERY DROUGHT TOLERANT  
^ NATIVE SPECIES

(#) SOUTH FLORIDA WATER MANAGEMENT PLANT LIST, 80% REQUIRED.

A MAXIMUM OF 50% OF REQUIRED TREES MAY BE PALM SPECIES. PALMS SHALL BE COUNTED AS 3:1 FOR TREES.  
NATIVE PLANT REQUIREMENTS:  
A MINIMUM OF 60% OF REQUIRED TREES AND 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES.

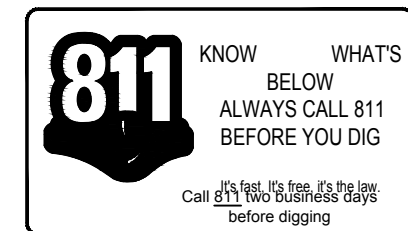
W 1 INSTALLED LANDSCAPE

W1.1 PLANTS/TREES FROM DROUGHT TOLERANT LIST

A minimum of 80% of the plants and trees incorporated into the landscape are from a local drought tolerant list.

NOTE: NO LAWN PROPOSED INSIDE PROPERTY LINES.

PROVIDED: 90% DROUGHT TOLERANT TREES/PALMS - 80% DROUGHT TOLERANT SHRUBS/ GROUNDCOVERS.



CENTER FOR COLLABORATIVE ARCHITECTURE

1424 SW 23 St, Miami, FL 33145  
Ph: 786-487-3724  
Email: general@ccadesign.net  
AA26001345

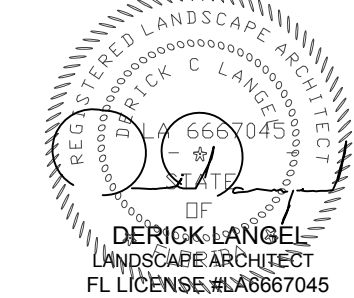
ARCHITECT  
SEAL: JORGE CASTRO-CALOU - AR97469

OWNER: AESTHETIC APARTMENTS INC  
1825 MAIN ST #8  
WESTON FL 33024

NO. DRAWING ISSUE DATE  
#1 P&D Board Meeting 9-15-2020

JACKSON STREET  
MULTIFAMILY  
1936-1938 Jackson St.  
City of Hollywood  
FLORIDA 33020

PROJECT  
INFO:



LANDSTONE DESIGN TEL: 818-856-8556  
LANDSCAPE PROJECT MANAGER- PAVO PEREZ / 305.776.7136

DRAWING  
INFO:

DATE: 02-17-2020  
Drawn by FP

Scale 1/8" = 1'-0"



L-2  
LANDSCAPE PLAN



## CENTER FOR COLLABORATIVE ARCHITECTURE

1424 SW 23 St, Miami, FL 33145  
Ph: 786-487-3724  
Email: general@ccadesign.net  
AA26001348

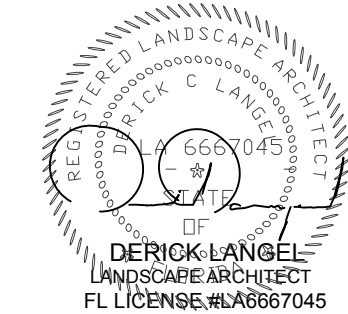
ARCHITECT  
SEAL: JORGE CASTRO-CALOU - AR97469

OWNER: AESTHETIC APARTMENTS INC  
1825 MAIN ST #8  
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MULTIFAMILY  
1936-1938 Jackson St.  
City of Hollywood  
FLORIDA 33020

PROJECT  
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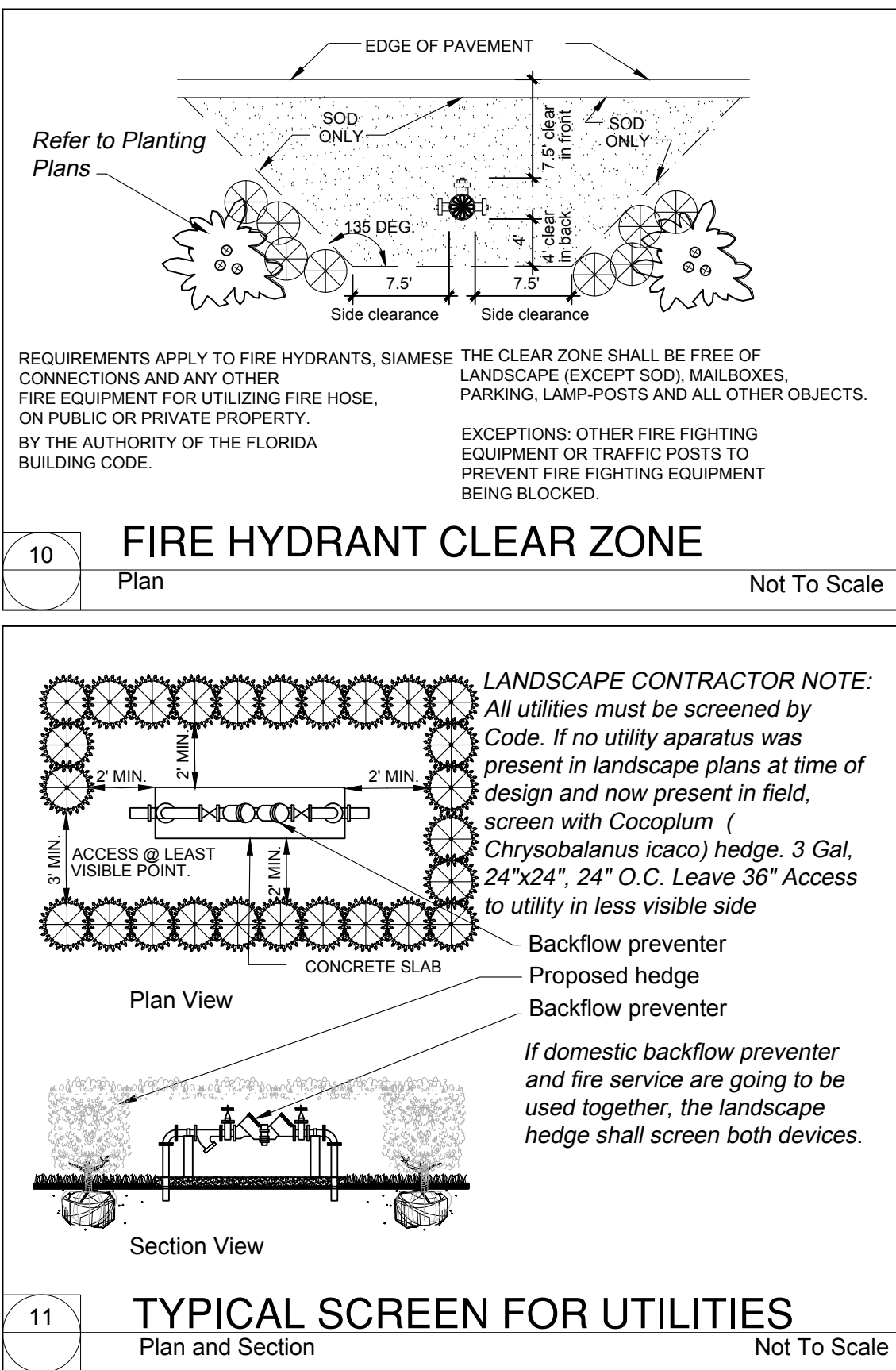
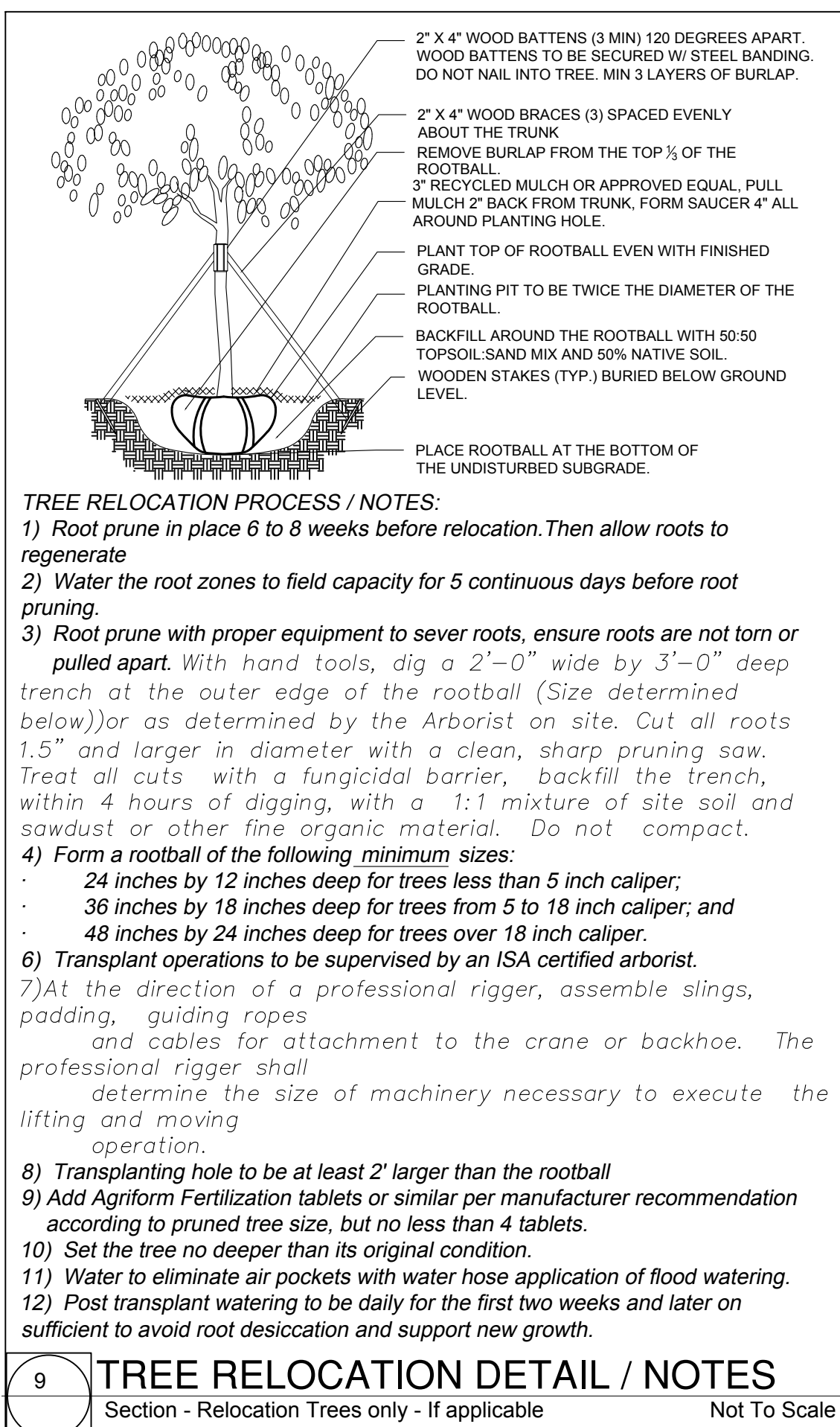
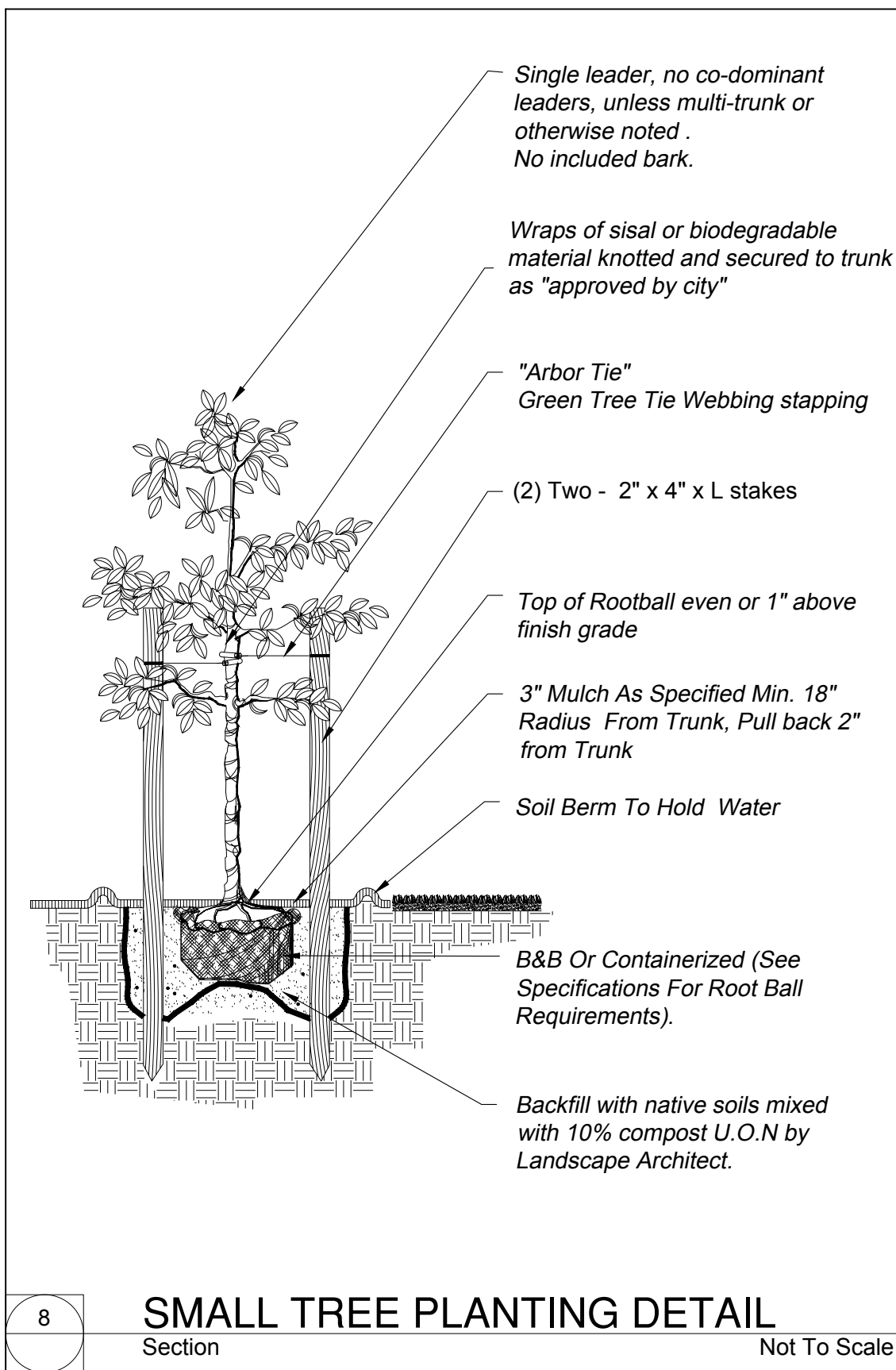
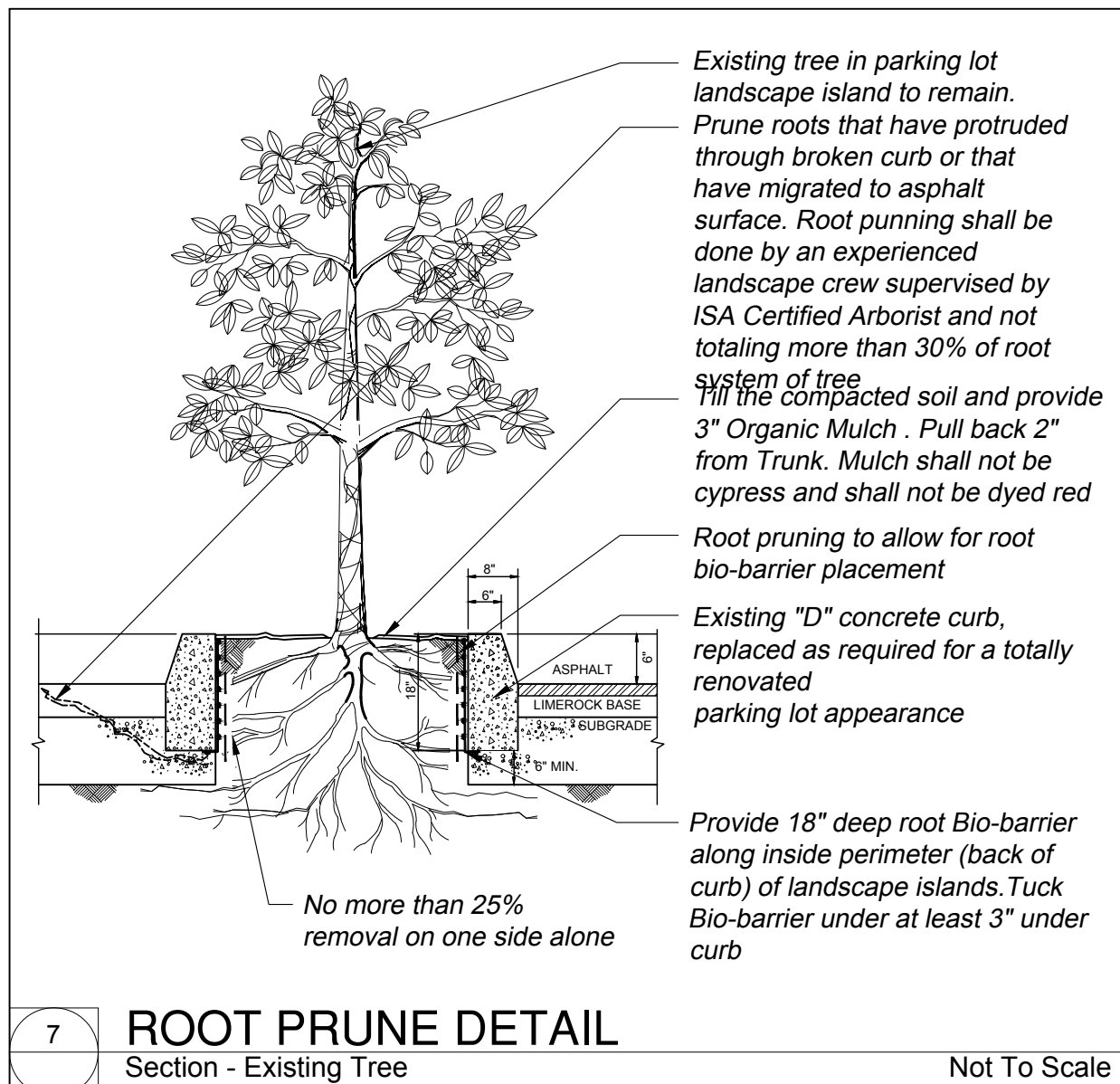
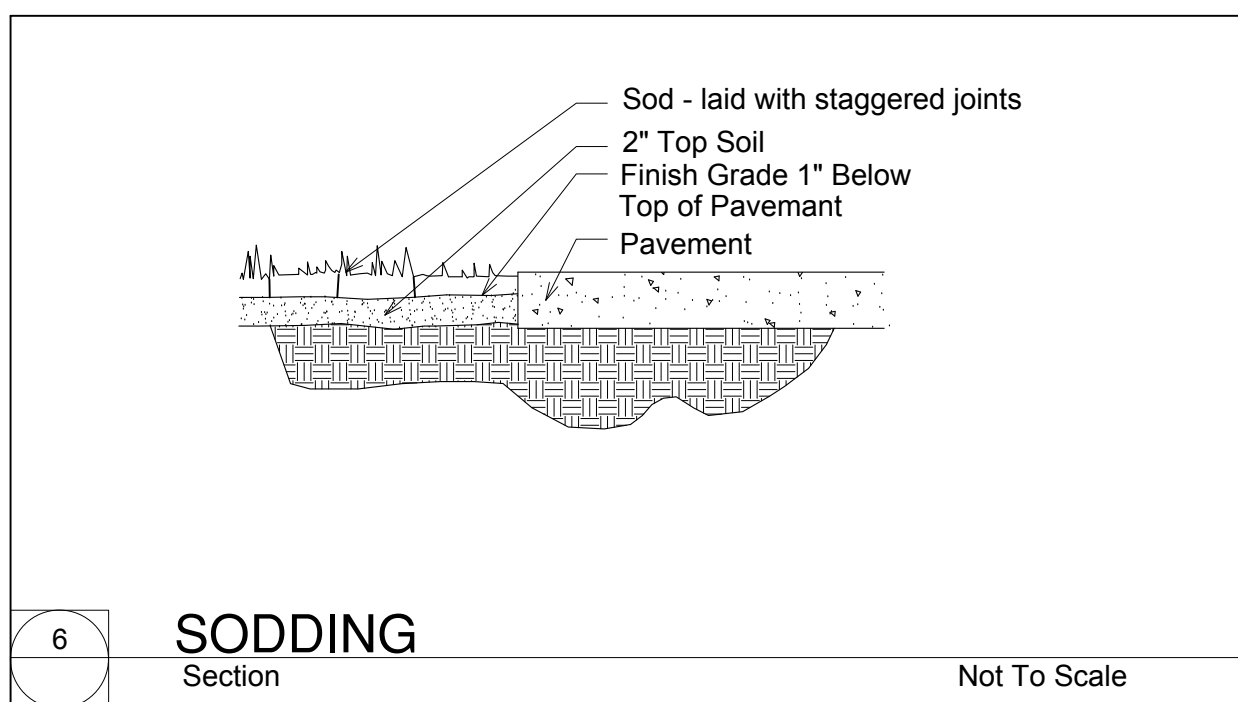
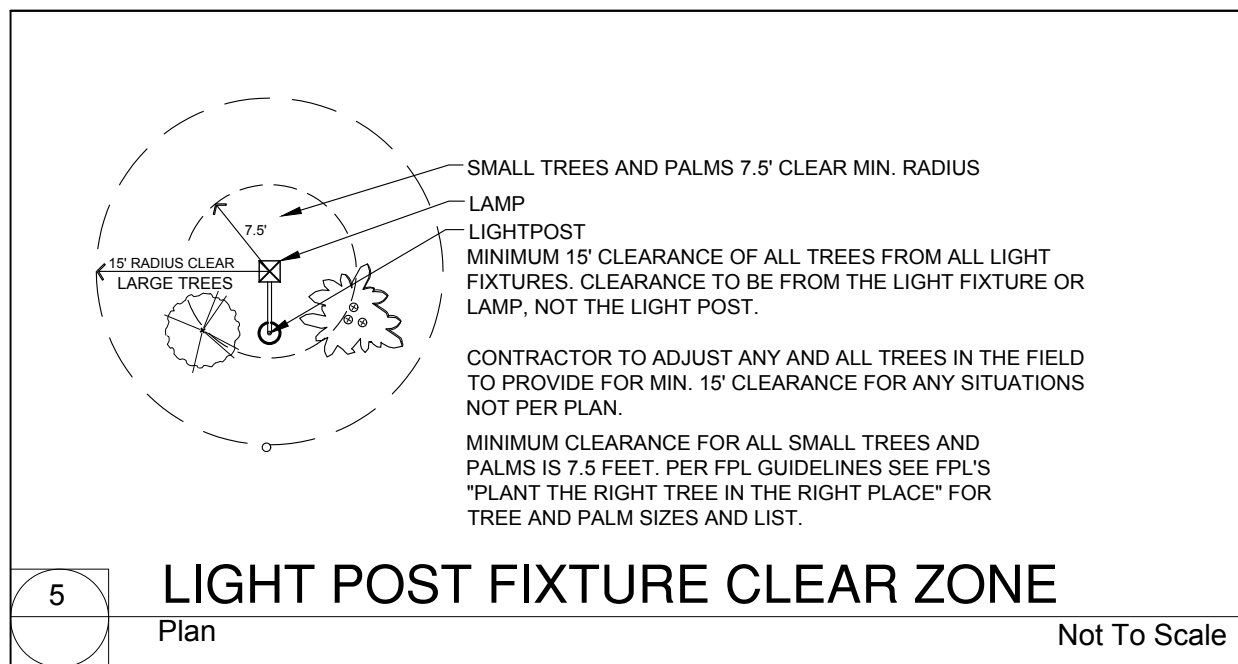
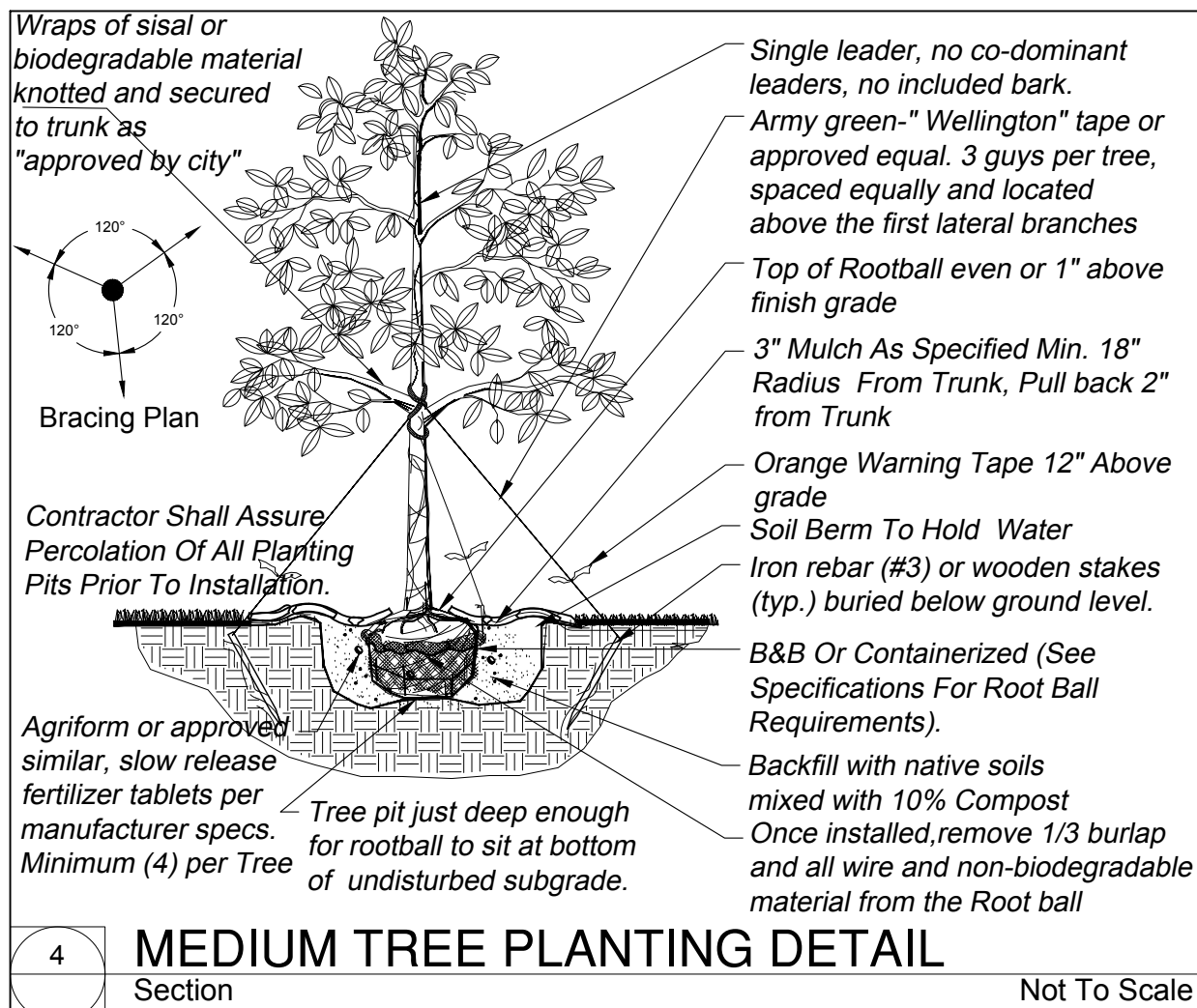
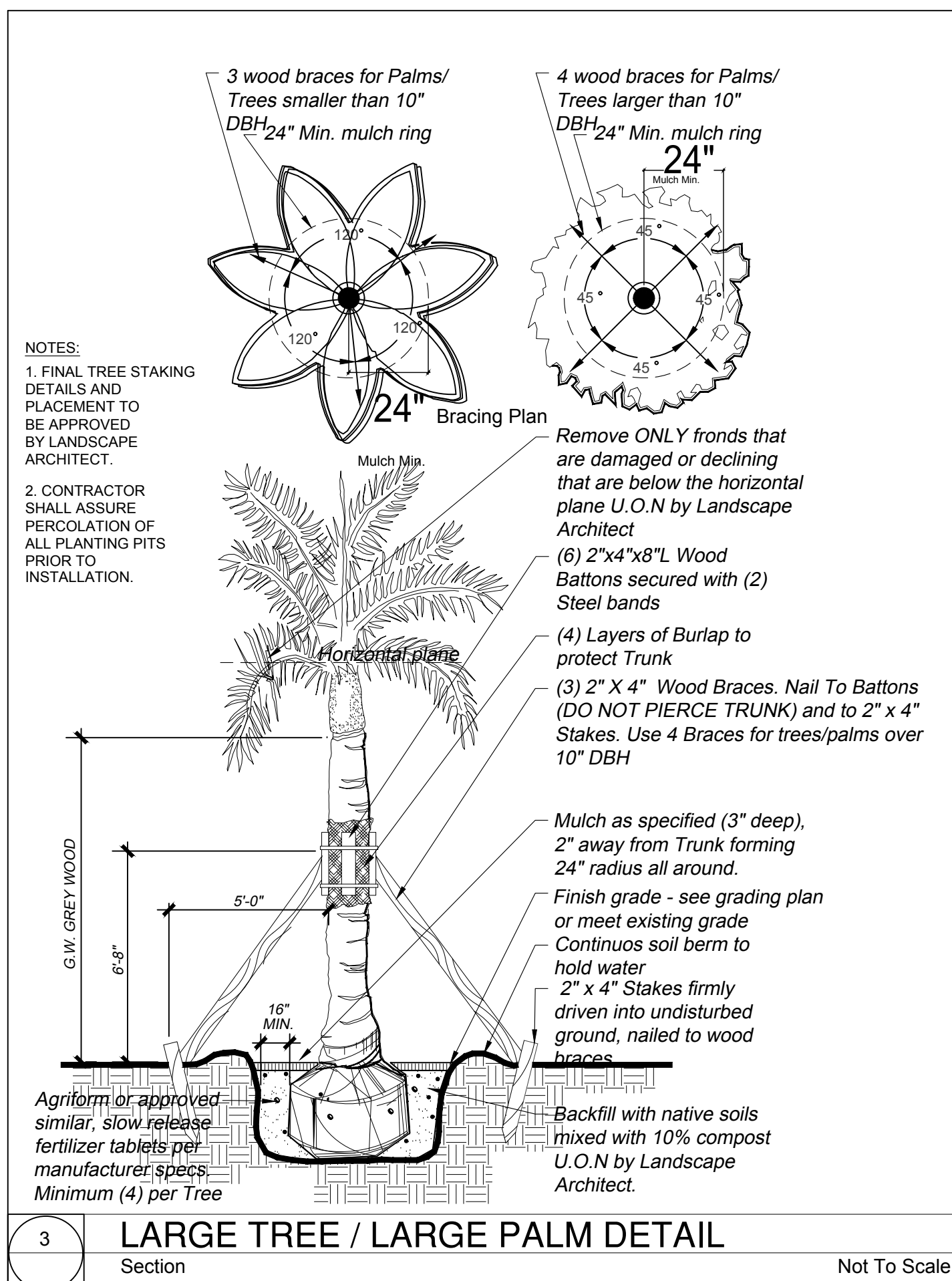
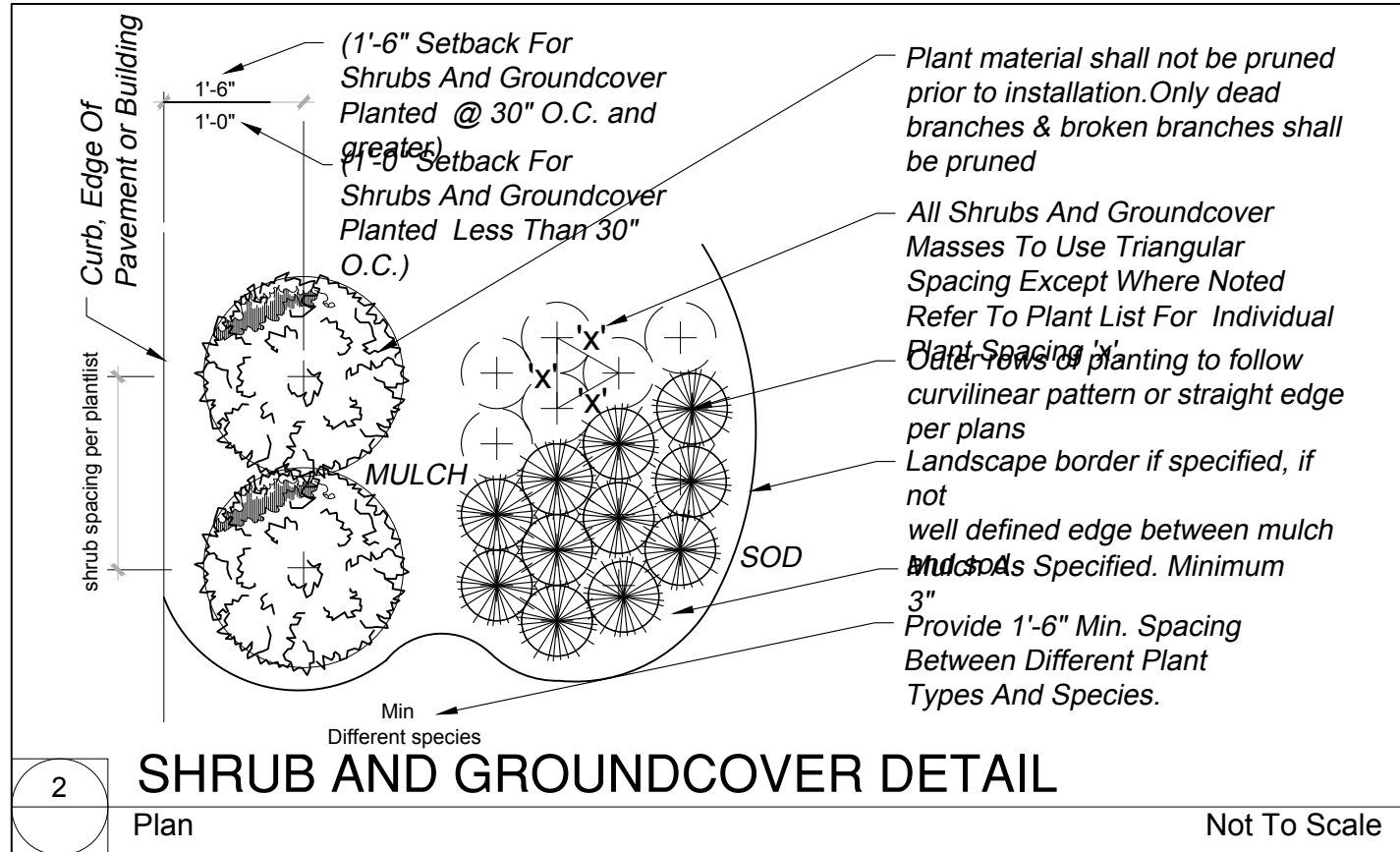
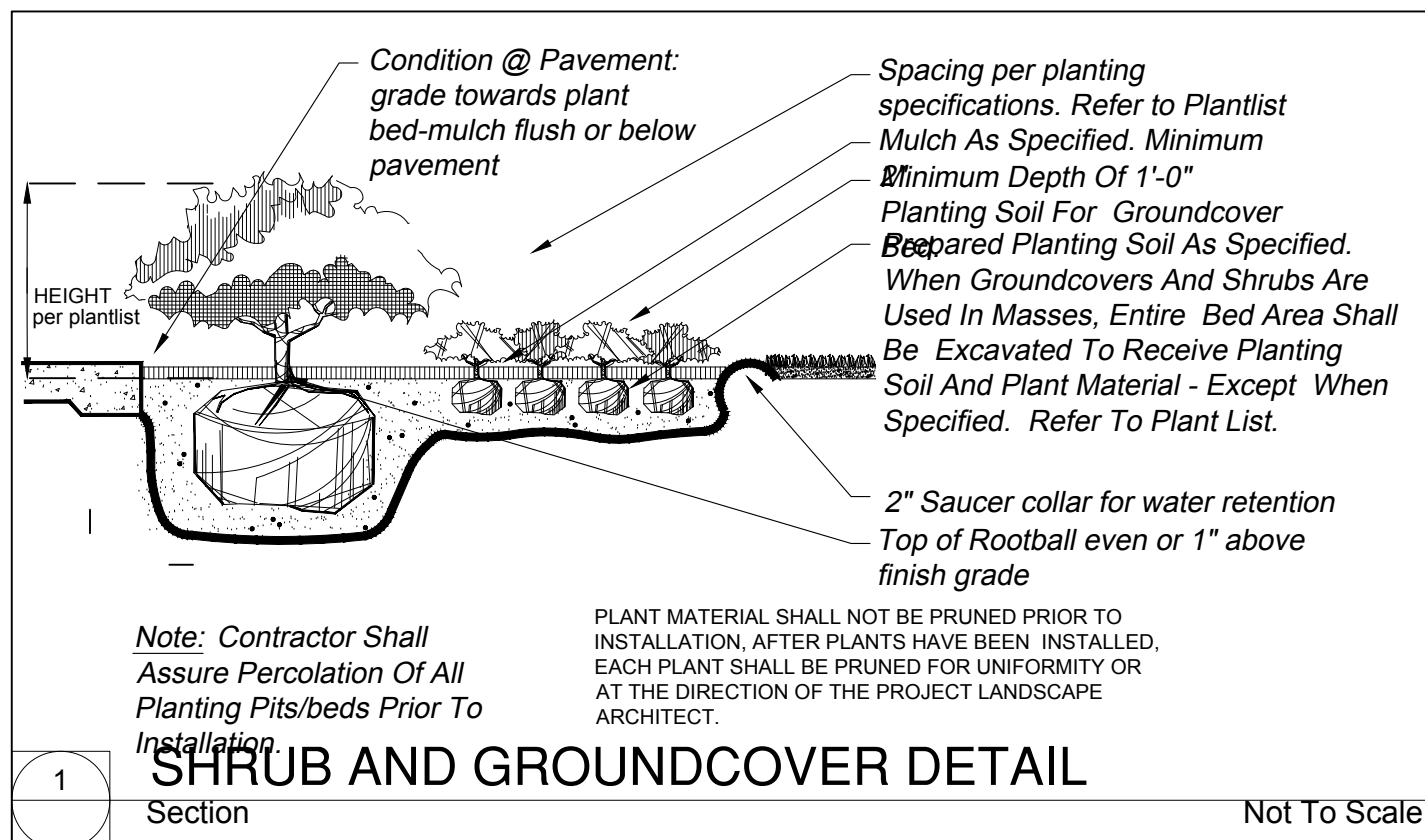
LANDSTONE DESIGN TEL: 818-856-8556  
LANDSCAPE PROJECT MANAGER: FAVIO PEREZ / 305.778.7196

DRAWING  
INFO:

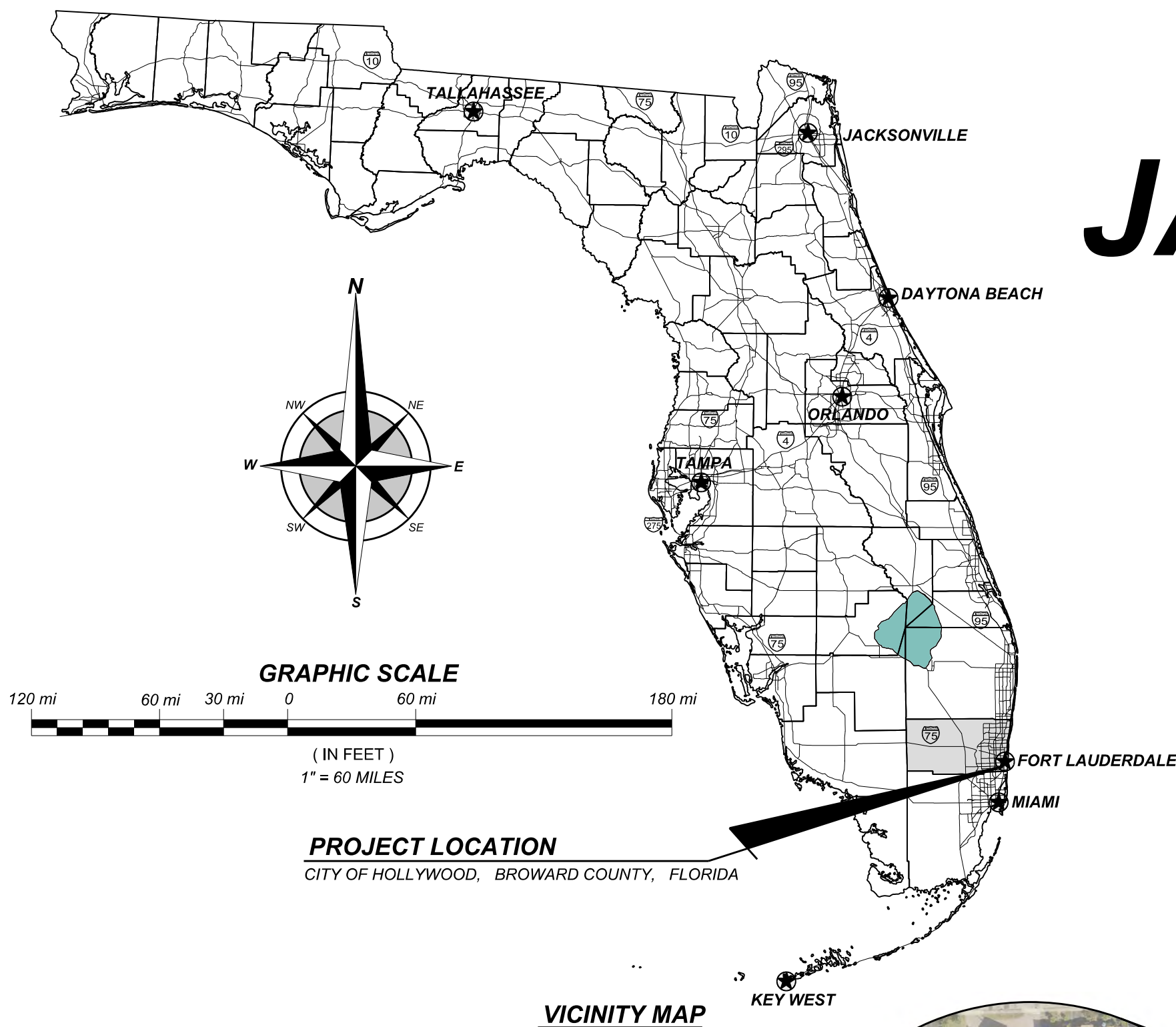
DATE: 02-17-2020  
DRAWN BY: FP  
SCALE: 1/8" = 1'-0"

L-3

PLANTING DETAILS

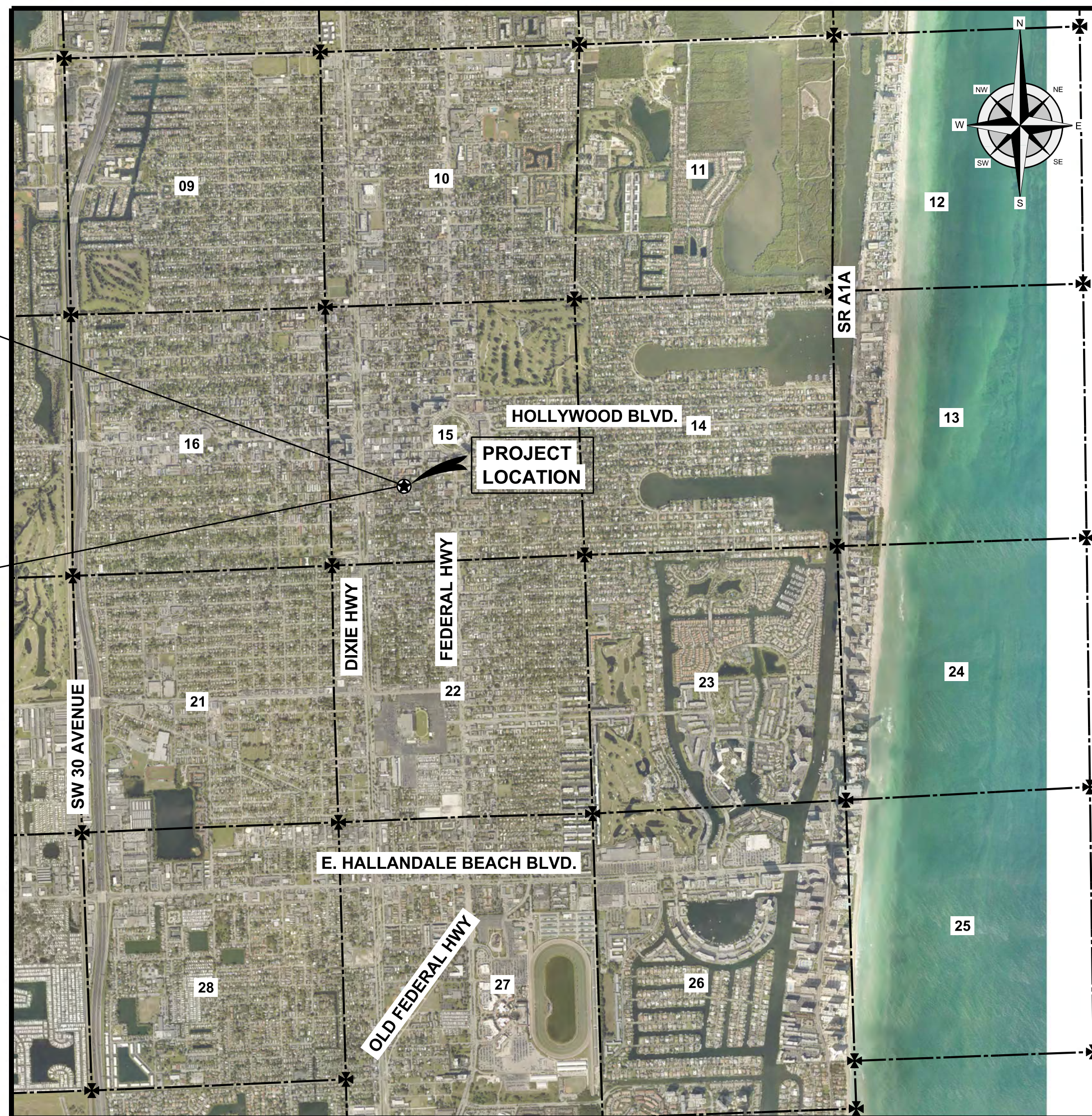






# JACKSON STREET MULTIFAMILY

1936 - 1938 JACKSON STREET, HOLLYWOOD, FL 33020  
CITY OF HOLLYWOOD, BROWARD COUNTY, FLORIDA  
AESTHETIC APARTMENTS INC.



LOCATION MAP  
SECTIONS 15, TOWNSHIP 31 SOUTH, RANGE 42 EAST  
SCALE: 1" = 3000'  
(FOR 8.5" x 11" DRAWING)

## INDEX TO SHEETS

DESCRIPTION	SHEET NUMBER
TEMPORARY POLLUTION PREVENTION - PLAN	TPP1 OF 3
TEMPORARY POLLUTION PREVENTION - GENERAL NOTES & DETAILS	TPP2 OF 3
TEMPORARY POLLUTION PREVENTION - DETAILS	TPP3 OF 3
DEMOLITION - PLAN	D1 OF 1
PAVING & DRAINAGE SYSTEM - PLAN	PD1 OF 3
PAVING & DRAINAGE - SECTIONS & DETAILS	PD2 OF 3
PAVING & DRAINAGE - DETAILS	PD3 OF 3
PAVEMENT MARKINGS & SIGNAGE - PLAN & DETAILS	PM1 OF 1
WATER, FIRE & SEWER SERVICES - PLAN	WS1 OF 3
WATER DISTRIBUTION & SEWAGE COLLECTION SYSTEM - DETAILS	WS2 OF 3
WATER DISTRIBUTION & SEWAGE COLLECTION SYSTEM - DETAILS	WS3 OF 3
OFF-SITE WATERMAIN PLAN	OS1 OF 1

## PROJECT GENERAL NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF HOLLYWOOD FLORIDA, BROWARD COUNTY AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- PRIOR TO COMMENCING CONSTRUCTION, A PRE-CONSTRUCTION MEETING SHALL BE REQUIRED BETWEEN THE CITY OF HOLLYWOOD, BROWARD COUNTY, OWNER, CONTRACTOR AND ENGINEER.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL GIVE TIMELY NOTIFICATION TO ALL UTILITY COMPANIES WITH FACILITIES IN THE AREA.
- THE LOCATION OF EXISTING FACILITIES WERE PLOTTED FROM AVAILABLE AS-BUILT RECORDS AND ALTA/ACSM SURVEY BY JOHNSTON & JOHNSTON LAND SURVEYING SERVICES, DATE OCTOBER 17, 2019, JOB No. 17-12-010ALT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE LOCATION AND SIZE OF ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING STRUCTURES, UTILITIES, AND SURVEY MARKERS, AND SHALL BE RESPONSIBLE FOR THE REPAIR/REPLACEMENT OF ANY DAMAGE.
- ALL ELEVATIONS ON THESE PLANS REFERENCE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
- THE CONTRACTOR SHALL RESTORE ALL EXISTING IRRIGATION SYSTEM COMPONENTS IMPACTED DURING CONSTRUCTION.
- THERE WILL BE NO INCREASE OR DECREASE IN THE CONTRACT PRICE DUE TO THE EXISTING SOIL CONDITIONS, AS IT RELATES TO EXCAVATION, DEMOLITION, OR INSTALLATION OF EXISTING OR PROPOSED FACILITIES.
- CONTRACTOR SHALL USE EXTREME CAUTION WHEN PERFORMING ALL WORK AND COORDINATE AS REQUIRED WITH ALL UTILITY COMPANIES IN THE AREA.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A MAINTENANCE OF TRAFFIC PLAN AND BE RESPONSIBLE FOR ALL SEDIMENT AND EROSION CONTROL MEASURES.
- THE CONTRACTOR AND/OR THEIR SUPERINTENDENT SHALL MAINTAIN A MINIMUM OF ONE (1) COPY OF EACH OF THE FOLLOWING PUBLICATIONS ON THE JOB SITE DURING CONSTRUCTION OF THIS PROJECT:
  - F.D.O.T. STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
  - F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS, LATEST EDITION.
  - U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) LATEST EDITION.
  - CITY OF HOLLYWOOD STANDARD DETAILS, LATEST EDITION.
  - BROWARD COUNTY, WATER & WASTEWATER SERVICES, ENGINEERING DIVISION STANDARD DETAILS, LATEST EDITION.

## LEGAL DESCRIPTION:

LOTS 25 & 26, BLOCK 28 HOLLYWOOD ACCORDING TO THE PLAT THEREOF,  
RECORDED IN PLAT BOOK 1, PAGE 21 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

## FLOOD INFORMATION:

- ALL ELEVATIONS SHOWN REFER TO NORTH AMERICAN DATUM OF 1988 (N.A.V.D.)
- FEMA FLOOD MAP No. 12011C0214F, FLOOD ZONE X

PERMITTING AGENCIES	SUBMITTED	APPROVED	PERMIT No.	EXPIRES
CITY OF HOLLYWOOD	03/16/20			
BROWARD COUNTY E.P.G.M.D. - SURFACE WATER MANAGEMENT - GENERAL LICENSE	05/10/20			
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (N.P.D.E.S.)				
BROWARD COUNTY ENV. PROTECTION & GROWTH MANAGEMENT - WASTEWATER	EXEMPTION	-	-	-
FLORIDA DEPARTMENT OF ENV. PROTECTION - WATER MAIN EXTENSION		-	-	-
<b>NOTE:</b> <b>IF ALL THE ABOVE INFORMATION HAS NOT BEEN PROVIDED, THIS SET OF DRAWINGS SHOULD NOT BE USED FOR CONSTRUCTION.</b>				

UTILITY COMPANIES	SUBMITTED	COMMENTS	DATE
CITY OF HOLLYWOOD (WATER & SEWER)	11/11/19		
AT&T (TELEPHONE)	11/11/19		
FLORIDA POWER & LIGHT	11/11/19	NO BURIED FACILITIES	11/13/19
FLORIDA POWER & LIGHT - FIBEROPTIC	11/11/19	ASBUILTS PROVIDED	11/26/19
TECO PEOPLES GAS	11/11/19	ASBUILTS PROVIDED	11/26/19
<b>NOTE:</b> <b>IF ALL OF THE ABOVE INFORMATION HAS NOT BEEN PROVIDED, NO INFORMATION FROM UTILITY COMPANY WAS AVAILABLE.</b>			

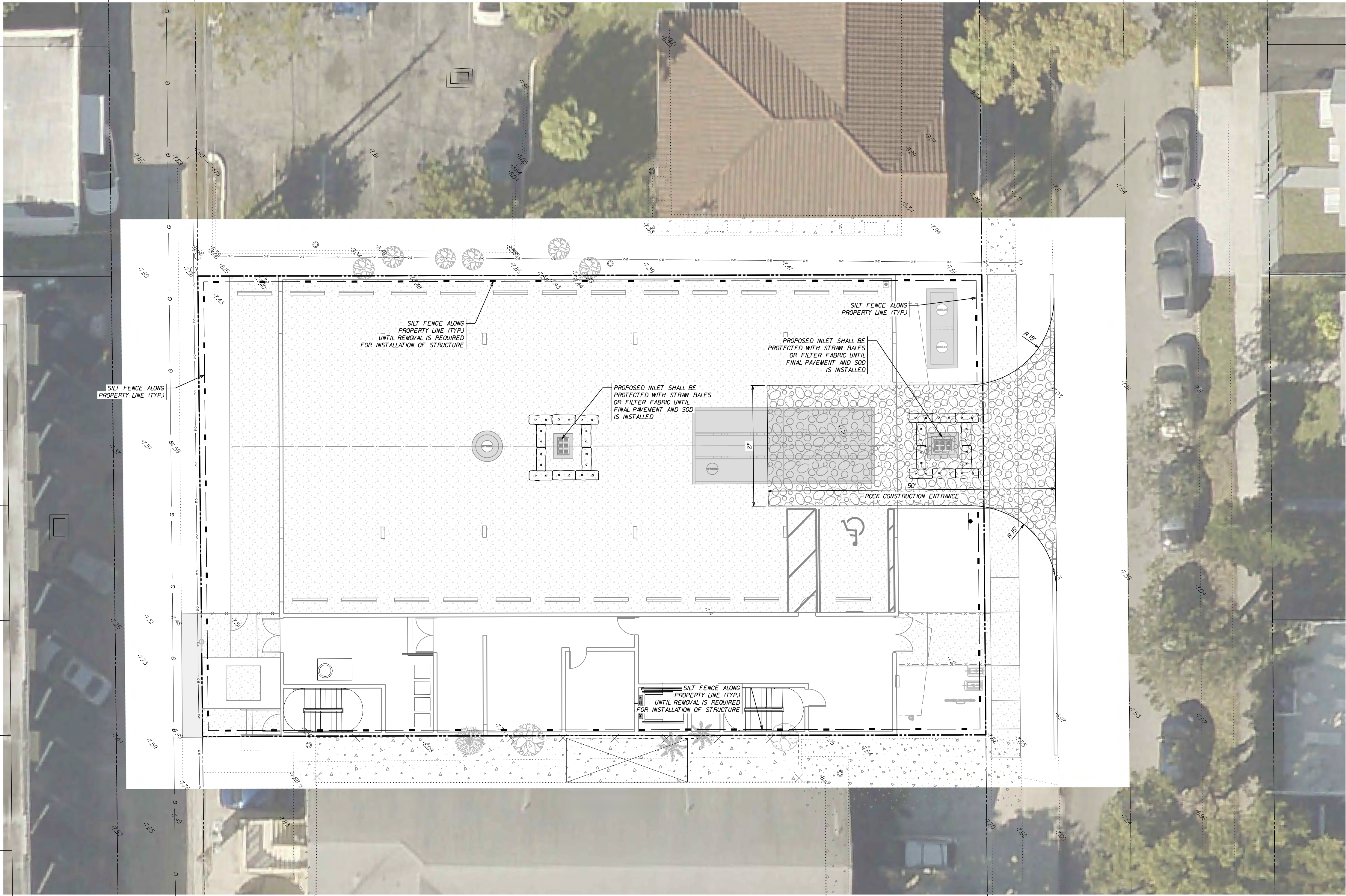
# PAVING & DRAINAGE SYSTEM PAVEMENT MARKINGS & SIGNAGE WATER DISTRIBUTION & SEWAGE COLLECTION TEMPORARY POLLUTION PREVENTION



**WINNINGHAM & FRADLEY, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
111 N.E. 44th STREET • OAKLAND PARK, FL 33334  
954.771.7440 fax: 954.771.0288 • EB 0002995 LB 0002995

NO.	DRAWING ISSUE	DATE	PUBLISHED: 7/31/2020, 12:56:53 PM
1	P&D BOARD MEETING	09/15/2020	PROJECT NUMBER 19042
			DATE NOV 2019

Werner T. Vaughan FL P.E. 45415  
07/31/2020



SCALE: 1" = 10'  
(FOR 24" x 36" DRAWING)



ABBREVIATIONS

P.R.B.	POLLUTION RETARDANT BAFFLE
P.B.	PLAT BOOK
Pg.	PAGE
R/W	RIGHT-OF-WAY
F.F.	FINISHED FLOOR ELEVATION
N.A.V.D.	NORTH AMERICAN VERTICAL DATUM
B.C.R.	BROWARD COUNTY RECORDS
D.I.P.	DUCTILE IRON PIPE
NO.	NUMBER
C.A.P.	CORRUGATED ALUMINUM PIPE
TYP.	TYPICAL
CONC.	CONCRETE
E.X.	EXISTING
F.D.O.T.	FLORIDA DEPARTMENT OF TRANSPORTATION
WPP	WOOD POWER POLE
MEG	MEET EXISTING GRADE
C/L	CENTERLINE

LEGEND

	PROPOSED PAVEMENT
	CONCRETE
	PROPOSED HEADER CURB OR CONCRETE
	PROPOSED TYPE 10 CURB
	PROPOSED DRAINAGE INLET / MANHOLE
	PROPOSED SILT FENCE
	EXISTING PAVEMENT
	EXISTING DRAINAGE PIPE
	EXISTING CURB
	EXISTING CURB & GUTTER
	EXISTING DRAINAGE INLET
	PROPERTY LINE
	RIGHT OF WAY LINE
	SECTION LINE
	EASEMENT LINE
	FENCING
	FLOW LINE OR WARP LINE
	EXISTING GRADE

TEMPORARY POLLUTION PREVENTION NOTES:

- CONTRACTOR SHALL INSTALL FILTER FABRIC IN ALL INLET GRATES AT THE TIME OF CONSTRUCTION. FABRIC SHALL BE MAINTAINED ON GRATES UNTIL SOD IS INSTALLED WITHIN THE VICINITY OF THE INLETS WHICH THE ENGINEER OF RECORD DETERMINES TO BE SUFFICIENT TO ELIMINATE SEDIMENTATION DEPOSITING.
- CONSTRUCTION ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL SUCH TIME THAT THEY ARE NO LONGER IN USE. AT THAT TIME, THE TEMPORARY ROCK AND OTHER STABILIZING MATERIAL SHALL BE REMOVED AND DISPOSED OF.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY AND ALL MATERIAL THAT MAY BE DEPOSITED WITHIN THE LIMITS OF PRIVATE PROPERTY, THE RIGHT OF WAY OF JACKSON STREET, THE REAR ALLEY, OR ANY OTHER PUBLIC STREET THAT IS USED BY THE CONSTRUCTION EQUIPMENT ENTERING OR LEAVING THE SITE.
- CONTRACTOR SHALL BE PREPARED TO INSTALL ADDITIONAL SILT FENCES ON THE SITE AS DIRECTED BY THE CITY OR ENGINEERING INSPECTOR IN ORDER TO REDUCE WIND-BLOWN EROSION ON THE SITE. WATER APPLICATION MAY BE REQUIRED TO REDUCE WIND-BLOWN SAND.
- SPILL KIT MUST BE PROVIDED ON-SITE DURING THE ENTIRE DURATION OF THE PROJECT OR UNTIL REMOVAL IS APPROVED BY THE CITY.

TEMPORARY POLLUTION PREVENTION  
PLAN

JACKSON STREET MULTIFAMILY  
AESTHETIC APARTMENTS INC.

**WINNINGHAM & FRADLEY, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
111 N.E. 44th STREET, CHALKLAND, FL 33534 • (850) 772-7640 • FAX: (850) 772-4208 • www.winningham.com

DESIGNED: TFM	DATE: 11/2019	APPROVED:	EB-0002995 LB-0002995
DRAWN: WFI	DATE: 11/2019		
CHECKED: WTV	DATE: 02/2020		
PUBLISHED: 7/31/2020, 12:02:35 PM		PROJECT NUMBER	19042
		SHEET	TPP1 OF 3

NO.	REVISIONS	DATE

# COUNTY REQUIREMENTS

**CONTROLS**

THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF-AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS, IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS, REFER TO "CONTRACTORS RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF CONTROLS THAT MAY BE IMPLEMENTED.

STORM WATER MANAGEMENT

STORM WATER DRAINAGE WILL BE PROVIDED BY S/FWMD. STORM WATER RUNOFF WILL BE COLLECTED BY SWALE SYSTEM AND DISCHARGED INTO MASTER STORM WATER SYSTEM VIA OVERLAND FLOW.

**TIMING OF CONTROLS/MEASURES**

REFER TO CONTRACTORS RESPONSIBILITY FOR THE TIMING OF CONTROL/MEASURES

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**CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS**

IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS RELATED TO STORM WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS, THE PERMITS ARE SHOWN ON THE COVER PAGE OF THESE CONSTRUCTION PLANS.

DEP. PERMIT

**POLLUTION PREVENTION PLAN  
CERTIFICATION**

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPROVISONMENT FOR KNOWING VIOLATIONS.

SIGNED:  
(SEE SIGNATURE BLOCK AT BOTTOM OF PAGE)

# CONTRACTOR'S REQUIREMENTS

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## GENERAL

THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS, DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION, THE CONTRACTOR MAY BE REQUIRED TO ADD FLOCCULANT TO RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.

## SEQUENCE OF MAJOR ACTIVITIES

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
2. INSTALL SILT FENCES AND HAY BALES AS REQUIRED.
3. CLEAR AND GRUB FOR DIVERSION SWALE/DIKES AND SEDIMENT BASIN.
4. CONSTRUCT SEDIMENTATION BASIN.
5. CONTINUE CLEARING AND GRUBBING.
6. STOCK PILE TOP SOIL IF REQUIRED.
7. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED.
8. STABILIZE DENUDED AREAS AND STOCKPILES AS SOON AS PRACTICABLE.
9. INSTALL UTILITIES, STORM SEWER, CURBS & GUTTERS
10. APPLY BASE TO PROJECT.
11. COMPLETE GRADING AND INSTALL PERMANENT SEEDING/SOD AND PLANTING.
12. REMOVE ACCUMULATED SEDIMENT FROM BASINS.
13. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALE/DIKES AND RESEED/SOD AS REQUIRED.

## TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. EROSION CONTROL MEASURES SHALL CEASE PERMANENTLY IN AN AREA THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCELERATED EROSION CONTROL MEASURES REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION & TURBIDITY CONTROL PLAN.

## CONTROLS

IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING: (1) PROVIDING PROPERTY TO PREVENT TURBIDITY OR POLLUTION FROM ENTERING THE PROJECT SITE, THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN AND ADDITIONAL CONTROL MEASURES AS REQUIRED TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE EROSION AND TURBIDITY CONTROL PLAN WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.

## CONTROLS

IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED AND MAINTAINED TO PREVENT PROPERTY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSION AND TURBIDITY PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS FEDERAL, STATE, AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.

## EROSION AND SEDIMENT CONTROLS: STABILIZATION PRACTICES

1. HAY BARRIERS: HAY BALE BARRIERS CAN BE USED WHEN DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
  - A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
  - B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
  - C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.
  - D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE.
2. FILTER BARRIER/FILTER BARS: FILTER BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
  - A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
  - B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
3. BRUSH BARRIER WITH FILTER: BRUSH/BARRIER MAT CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE.
4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND OVERTOWN AWAY FROM THE GRADED AREAS ONTO UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL UP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE.
5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO AN ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.
6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN-RAN ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHOULD NOT EXCEED 10 ACRES. THE EXPOSURE MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREA WILL NOT SIGNIFICANTLY AFFECT OFF-SITE SEDIMENT OF CATCHMENTS.
7. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY INTO A WATER BODY SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.
8. TEMPORARY SEEDING AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FIRM GRASS AND TREES SHALL BE SEEDED WITH THE SEEDING WITH A QUICK GRASSING SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING.
9. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL

HAZARDOUS WASTE

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURE, SITE PERSONNEL, WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT. THE INDIVIDUAL WHO HANDLES 24-HOUR SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER SYSTEMS.

DEPOT/VEHICLE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEPED DAILY TO REMOVE ANY EXCESS MUD OR ROCK TRACKED FROM THE STEERING TRUCKS HAULING MATERIAL FROM THE SITE. IT WILL BE COVERED WITH A TARP/AUPLIN. (SEE DETAILS THIS SHEET)

### INVENT. FOR POLLUTION PREVENTION PLAN

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ON-SITE DURING CONSTRUCTION:

- ☐ CONCRETE
- ☐ ASPHALT
- ☐ TAR
- ☐ DETERGENTS
- ☐ FERTILIZER
- ☐ WOOD
- ☐ PETROLEUM BASED PRODUCTS
- ☐ MASONRY BLOCKS
- ☐ CLEANING SOLVENTS
- ☐ PAINTS
- ☐ ROOFING MATERIALS
- ☐ METAL STUDS
- ☐
- ☐
- ☐

## SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES

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

GOOD HOUSEKEEPING

THE FOLLOWING HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.

ALL MATERIALS STORED ONSITE WILL BE IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.

PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.

SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.

1. TEMPORARY DIVERSION DIKS, TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY.
2. TEMPORARY SEDIMENT TRAP-A SEDIMENT TRAP SHALL BE INSTALLED IN AN DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA.  
THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE,
  - A. BLOCK & GRAVEL SEDIMENT FILTER-THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAWS ARE UNDERGROUND AND OVERFLOW IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.
  - B. GRAVEL SEDIMENT TRAP-THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONEVENIENCE OR DAMAGE TO ADJACENT STRUCTURE & UNPROTECTED AREAS.
  - C. DROP INLET PROTECTION-THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAWS A RELATIVELY FLOW AREA (LESS) AND WHERE SHEET PILING OR CURB FLOW OR CURB ARE TYPICALLY NOT APPLICABLE TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDIANS.
3. OUTLET PROTECTION-APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION AND SEDIMENT PROBLEMS TO THE RECEIVING WATER BODY, SUDS PENS AND HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARGING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.
4. SEDIMENT BASIN-WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES AT ONE TIME. THE PROPOSED STORM WATER PONDING BASIN TEMPORARY PONDING WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASIN, THESE SEDIMENT BASIN MUST PROVIDE A MINIMUM OF 3600 CUBIC FEET OF STORAGE PER ACRE DRAINAGE AREA. FOR STABILIZATION OF SEDIMENT, THE MINIMUM OF 3600 CUBIC FEET OF STORAGE AREA PER DRAINAGE DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS ONSITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. SEDIMENT BASIN MUST BE CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.

## OTHER CONTROLS

WASTE DISPOSAL

WASTE MATERIALS

ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LINED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE. BY THE CONSTRUCTION SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

WASTE DISPOSAL

WASTE MATERIALS

ALL WASTE MATERIALS EXCEPT LAID CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LOADED METAL DUMPMSTER. THE DUMPMSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPMSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.

HAZARDOUS PRODUCTS

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.

ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED IF THEY CONTAIN IMPORTANT PRODUCT INFORMATION.

IF SURPLUS PRODUCT MUST BE DISPOSED OF MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES  
THE FOLLOWING PRODUCT SPECIFIC WILL BE FOLLOWED ONSITE:

PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FERTILIZERS

PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLOSURE LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FERTILIZERS

FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE DISPERSED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE AREA WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SEEPAGE.

PAINTS

ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS. CONCRETE TRUCKS

CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH ON THE SITE.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP

**SPILL CONTROL PRACTICES**

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA. ON-SITE EQUIPMENT AND MATERIALS WILL BE INCLUDED BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GOGGLES, LIQUID ABSORBENT (LIQUID UTILITY OR EQUAL), SAND, SIFT, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A TOXIC OR HAZARDOUS SUBSTANCE.

SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL.

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL. THERE IS NO NEED FOR A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL HANDLE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.

# MAINTENANCE/INSPECTION PROCEDURES

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES

THE FOLLOWING ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

NO MORE THAN 40 ACRES OF THE SITE WILL BE DENIED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GREATER.

ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER, IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.

BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.

SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT FENCE POSTS ARE FIRMLY IN THE GROUND.

THE SEDIMENT BASIN WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE ORIGINAL CAPACITY OR AT THE END OF THE RAINY SEASON. WHENEVER A FENCE DIVERSION Dikes/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.

TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A REPORT SHALL BE COMPLETED BY HIS/HER INSPECTOR OR ENGINEER OF RECORD.

THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS.

THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE.

THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTION, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.

PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.

NON-STORM WATER DISCHARGES

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:

## WATER FROM WATER LINE FLUSHING

## PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR

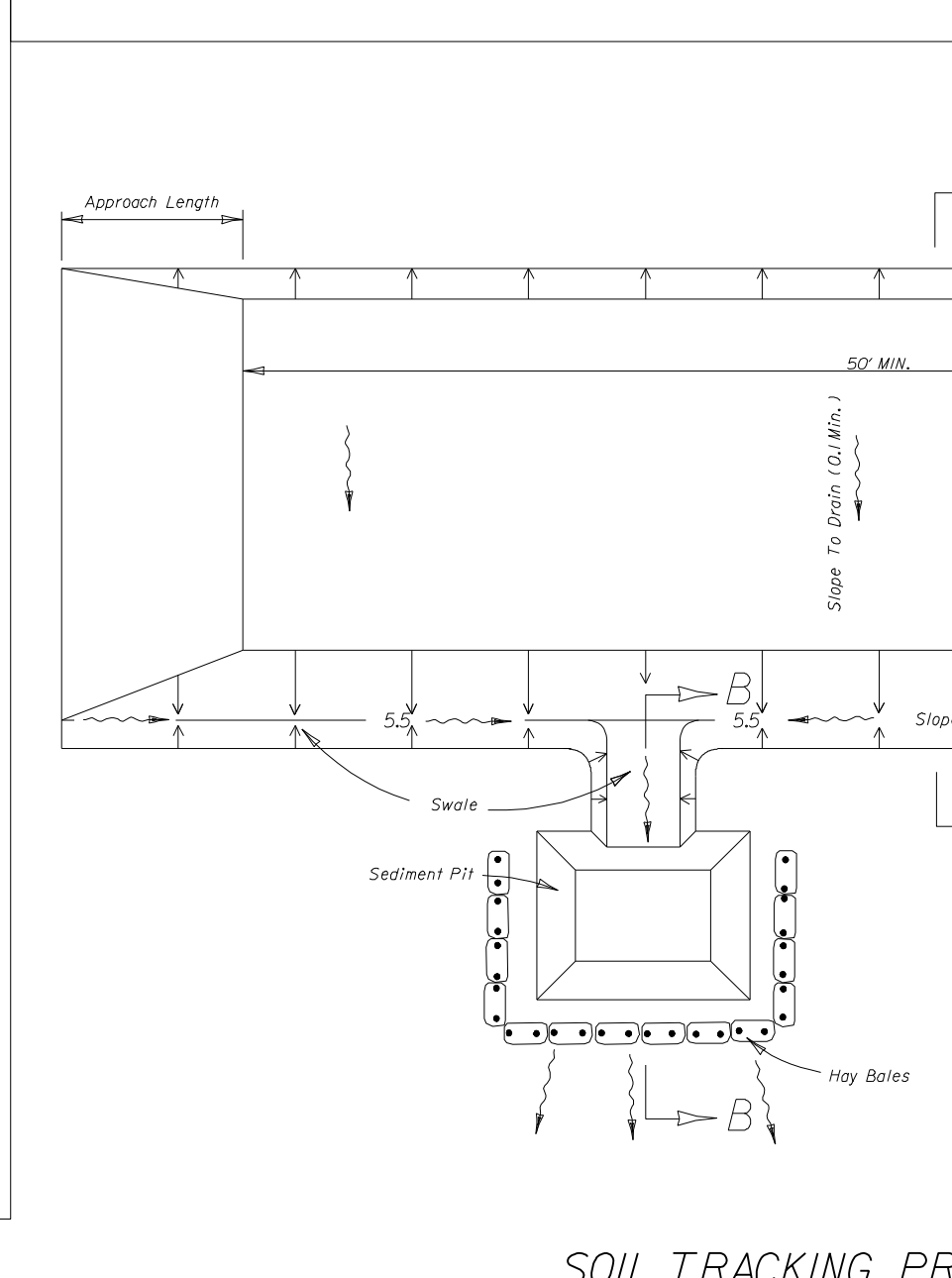
## HAZARDOUS MATERIALS HAVE OCCURRED).

## UNCONTAMINATED GROUND WATER (FROM DEWATERING EXCAVATION).

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.



SOIL TRACKING PRO  
F.D.O.T. IN

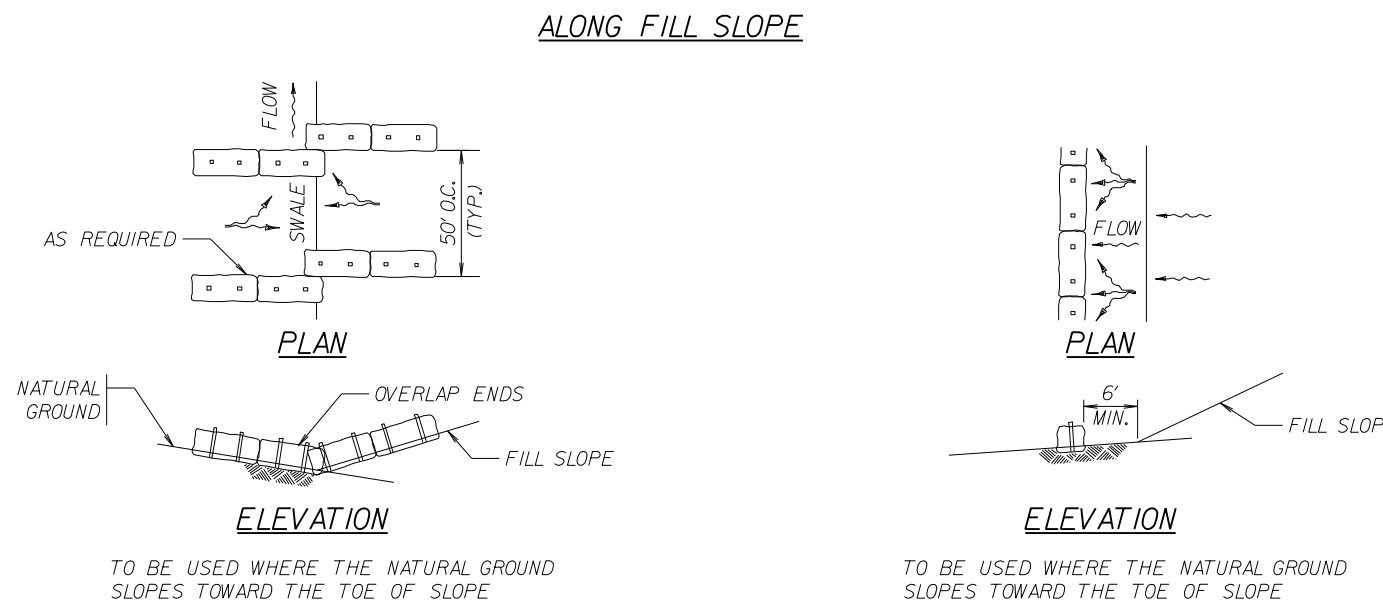
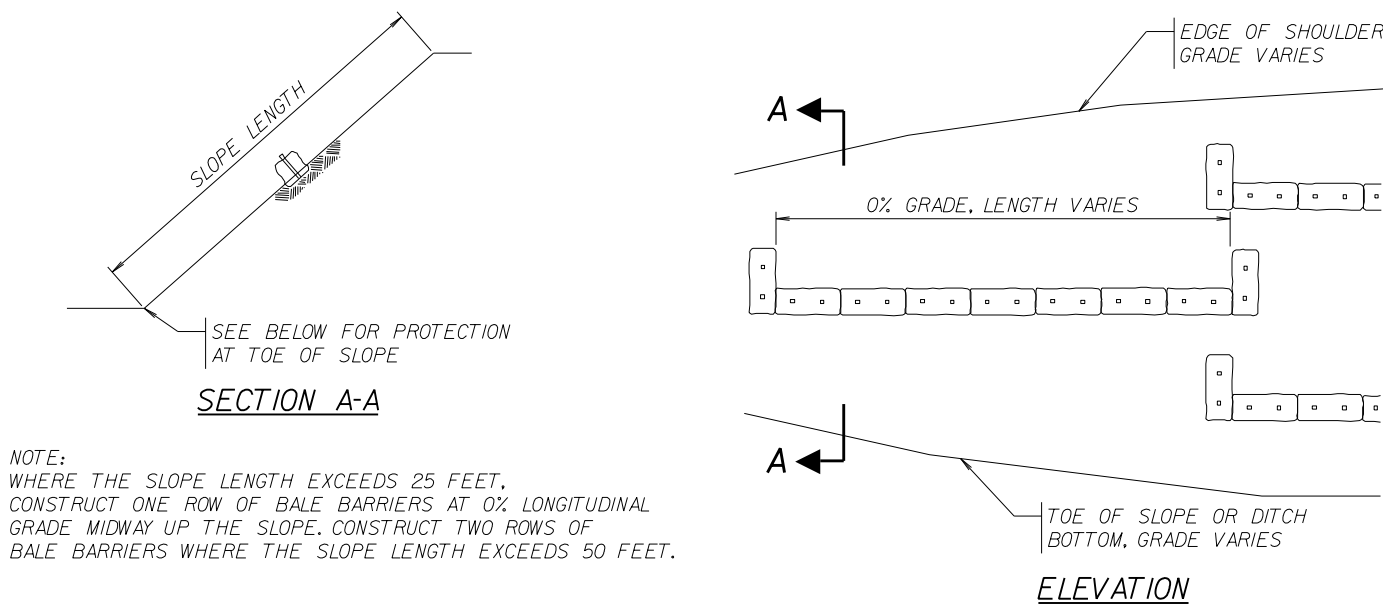
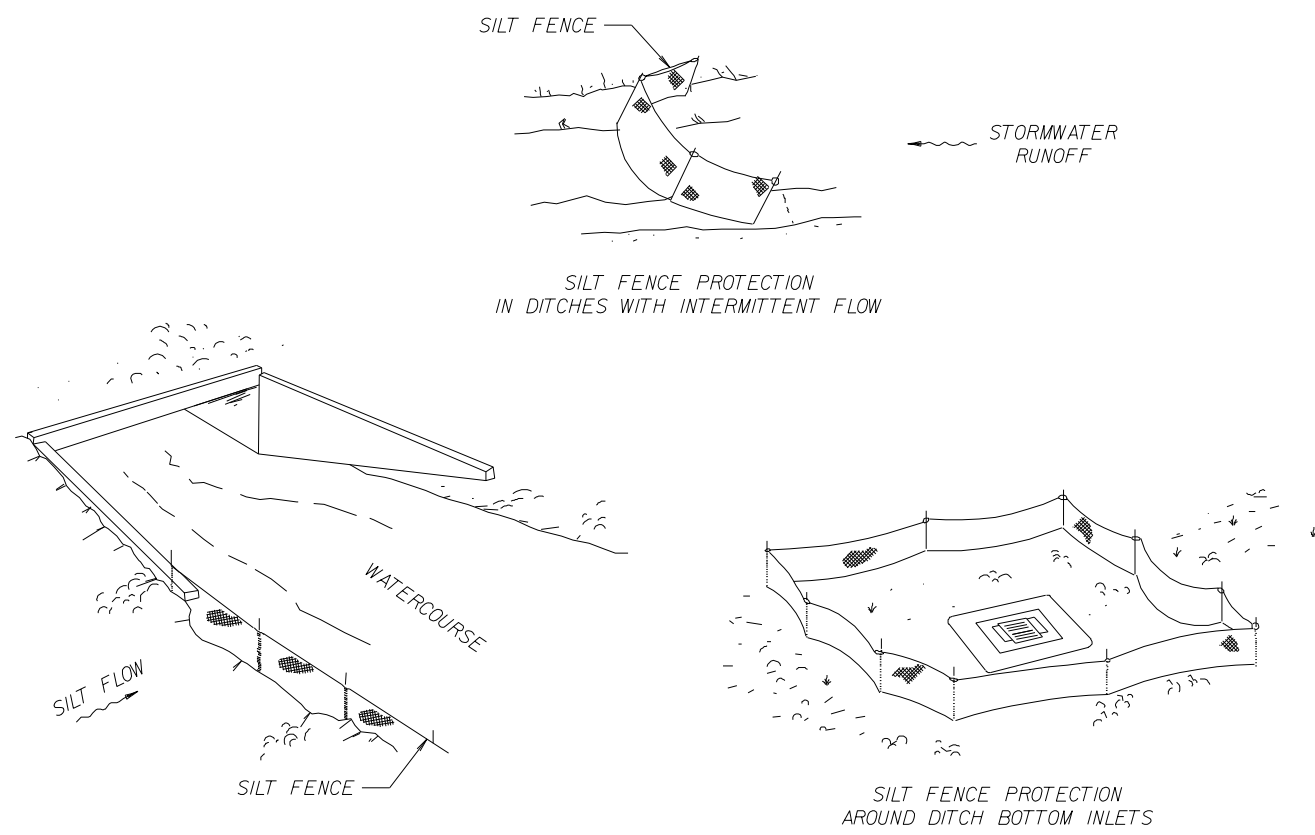
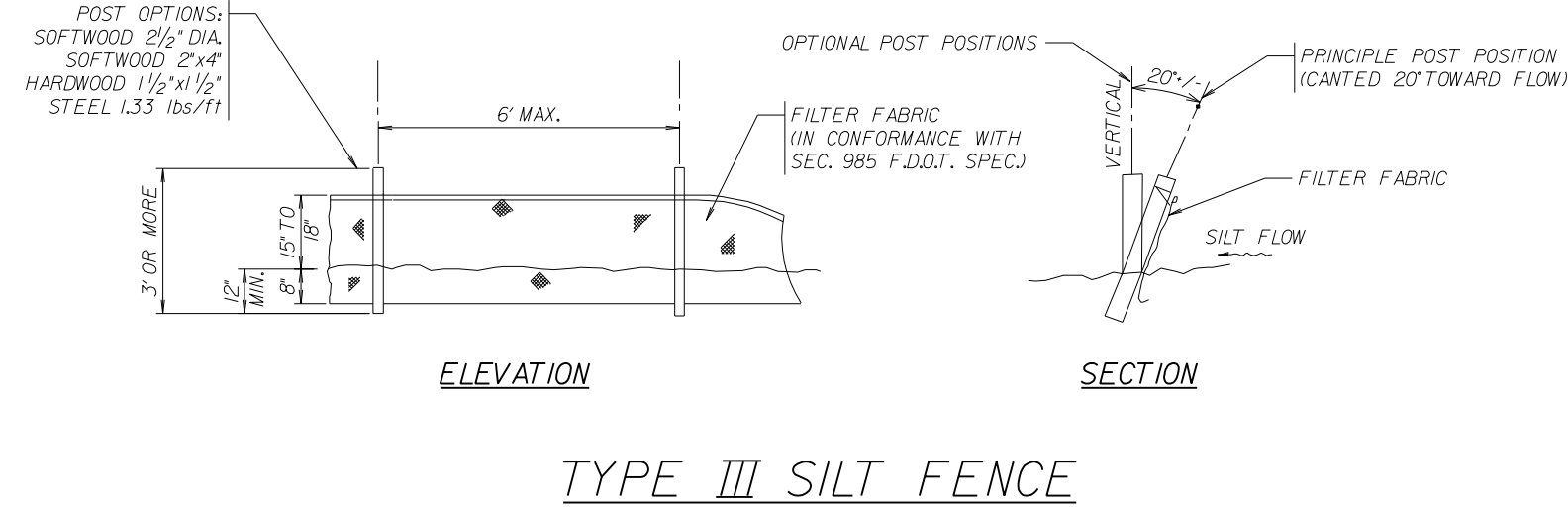
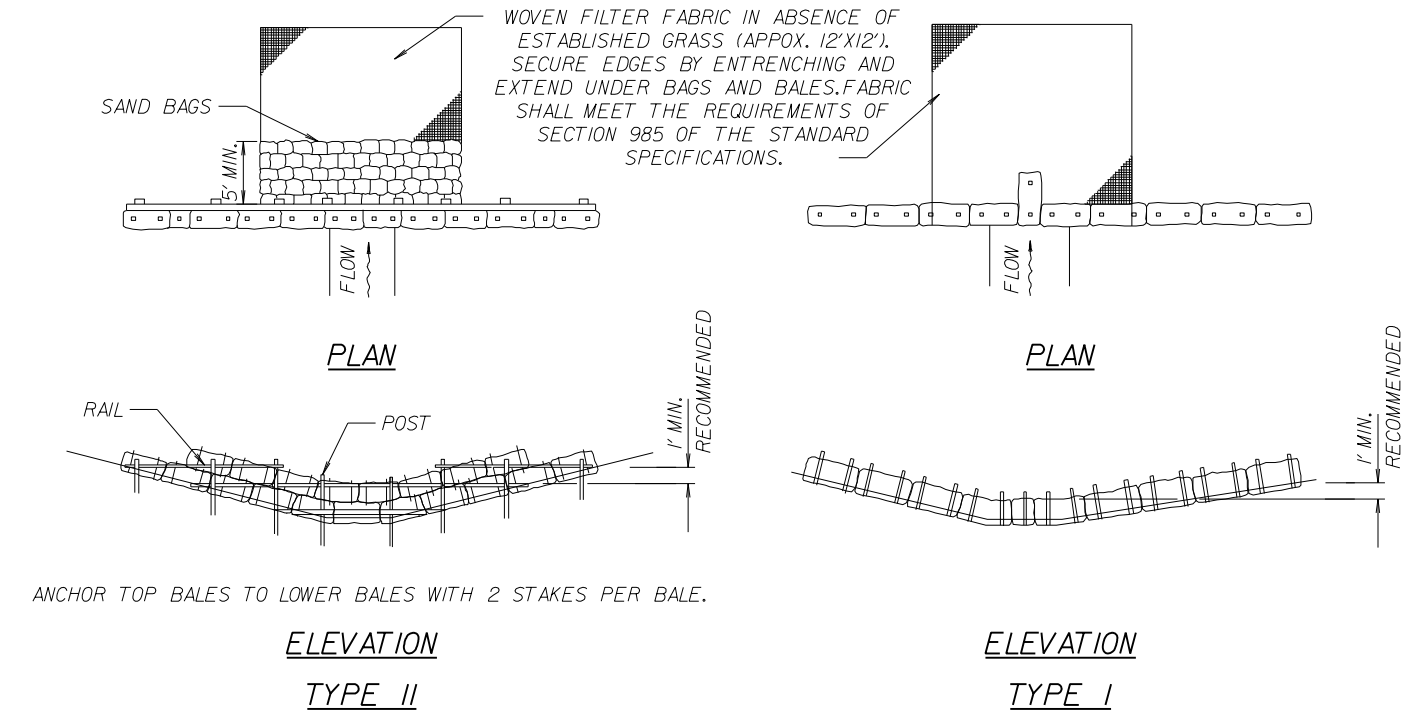
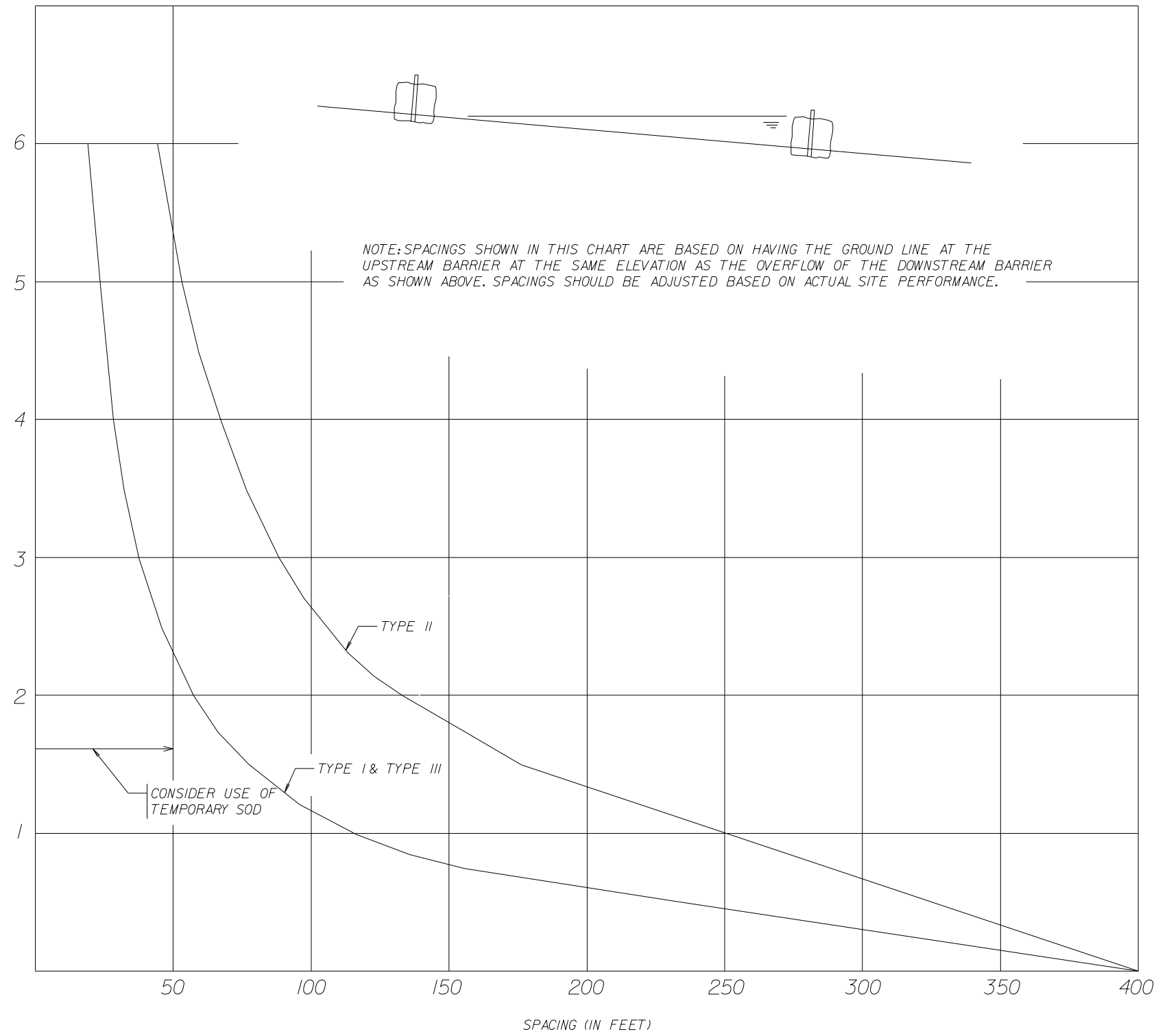
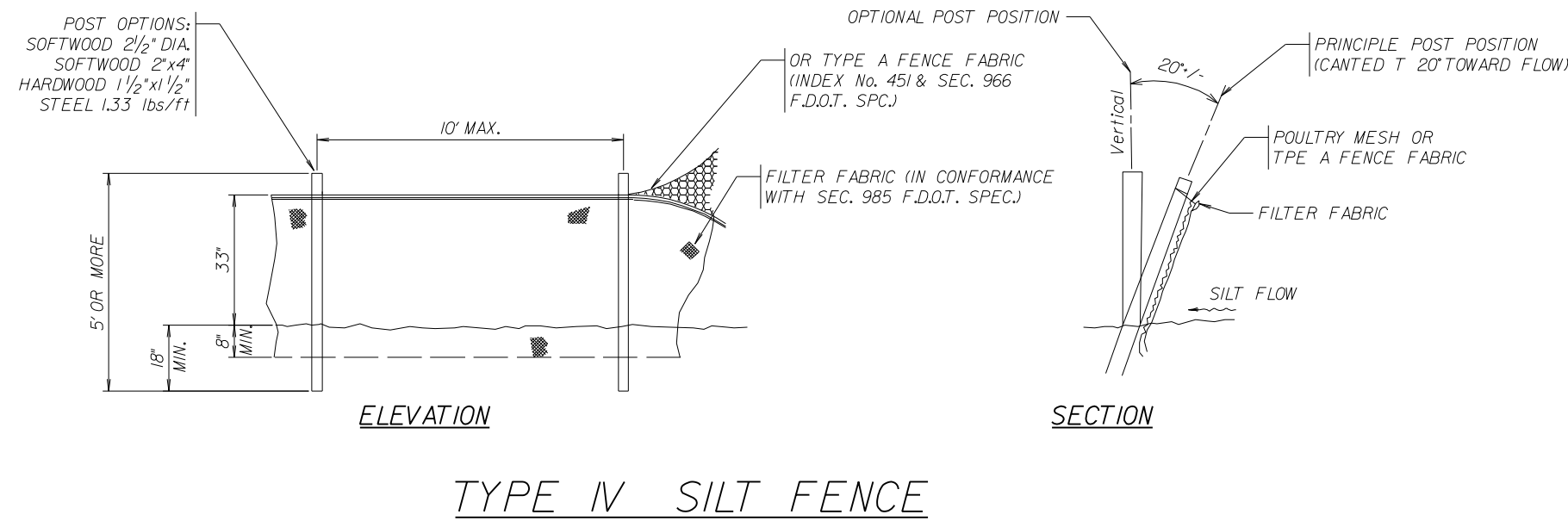
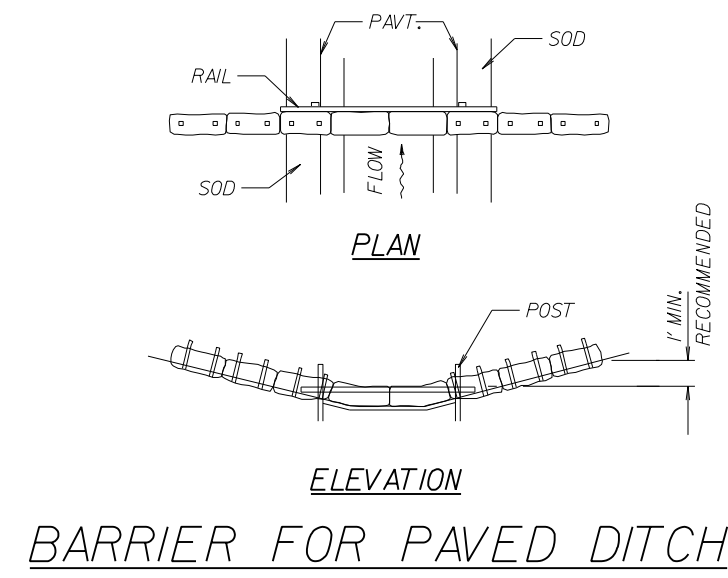
TEMPORARY POLLUTION PREVENTION GENERAL NOTES & DETAILS			
JACKSON STREET MULTI-FAMILY AESTHETIC APARTMENTS INC.			
 <b>WINNINGHAM &amp; FRADLEY, INC.</b> <b>ENGINEERS • PLANNERS • SURVEYORS</b> 111 N.E. 44th STREET, OAKLAND PARK, FL 33334 954-771-7440 FAX: 954-771-0298 <a href="http://www.winfrad.com">www.winfrad.com</a>			
DESIGNED: WF1	DATE: 11/2019	APPROVED:	EB-0002999 LB-0002999
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JACKSON STREET MULTIFAMILY  
AESTHETIC APARTMENTS INC.

**WF WINNINGHAM & FRADLEY, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
111 N.E. 44th STREET, OAKLAND PARK, FL 33334 954-771-7440 FAX: 954-771-0298 [www.winnfrad.com](http://www.winnfrad.com)

DESIGNED: WFI	DATE: 11/2019	APPROVED: EB-000299 LB-000299
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CHECKED: WTV	DATE: 02/2020	PROJECT NUMBER 19042	SHEET TPP2 OF 3
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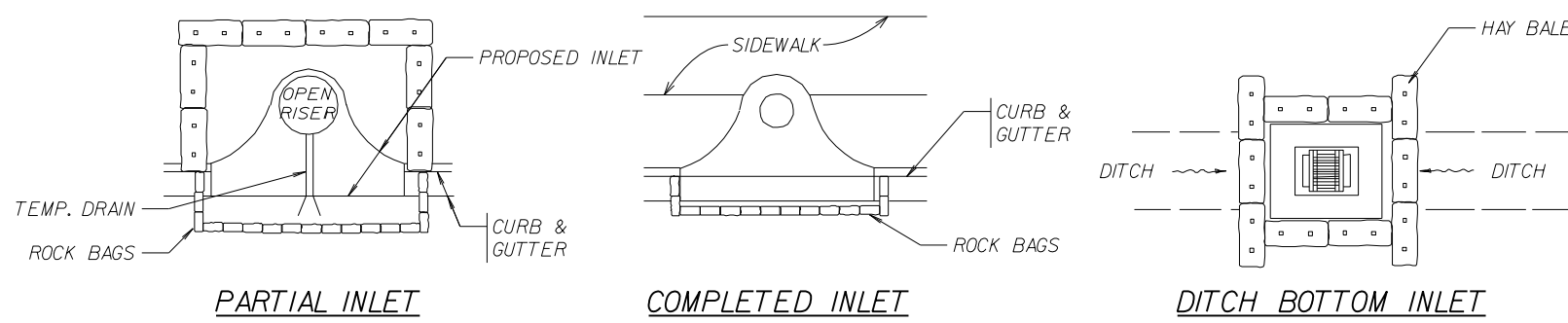
SILT FENCE APPLICATIONS

NOTES FOR SILT FENCES

1. TYPE III SILT FENCE TO BE USED AT MOST LOCATIONS, WHERE USED IN DITCHES. THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH CHART 1.
2. TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 12 OF STEEPER AND LENGTH OF SLOPE EXCEEDS 25 FEET. AVOID USE WHERE THE DETAINED WATER MAY BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.
3. DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
4. WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.
5. SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE, (LF).

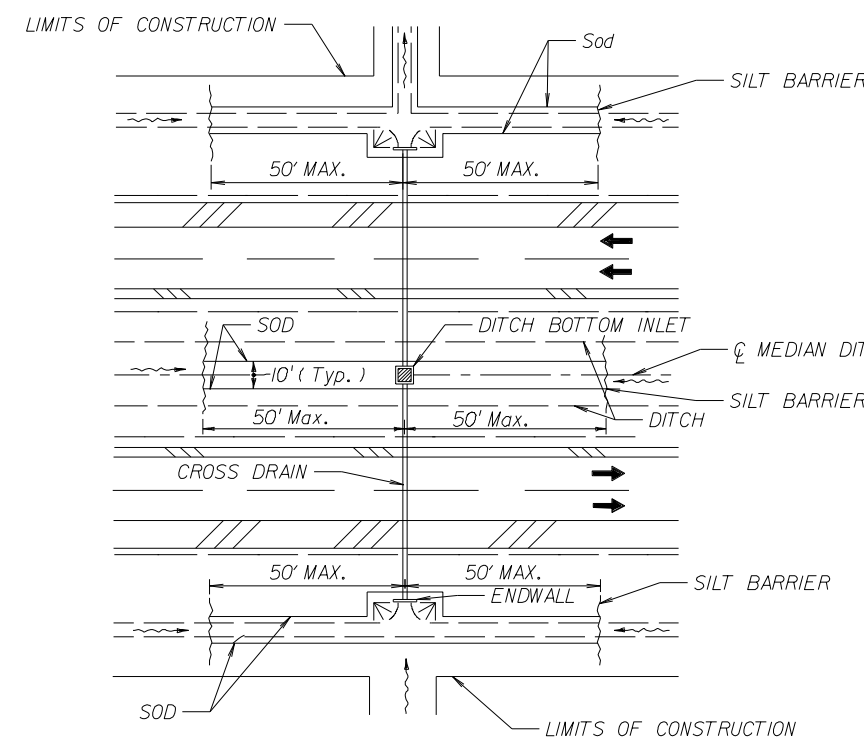
NOTES FOR BALED HAY OR STRAW BARRIERS

1. TYPE I AND II BARRIERS SHOULD BE SPACED IN ACCORDANCE WITH CHART 1. HAY BALES SHALL BE UTILIZED AT ALL DRAINAGE INLETS UNTIL INSTALLATION OF ROAD ROCK.
2. HAY BALES SHALL BE TRENCHED 2 TO 4" AND ANCHORED WITH 2" X 2" OR 1" DIA X 4" WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
3. RAILS AND POSTS SHALL BE 2" X 4" WOOD, OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY ENGINEER.
4. ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER. UNAVOIDABLE GAPS SHALL BE PLUGGED WITH HAY OR STRAW TO PREVENT SILT FROM PASSING.
5. WHERE USED IN CONJUNCTION WITH SILT FENCE, HAY BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.
6. BALES TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR BALED HAY OR STRAW, EA. THE UNIT PRICE SHALL INCLUDE THE COST OF FILTER FABRIC FOR TYPE I AND II BARRIERS. SAND BAGS SHALL BE PAID FOR UNDER THE UNIT PRICE FOR SANDBAGGING, CY. ROCK BAGS TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR ROCK BAGS, EA.

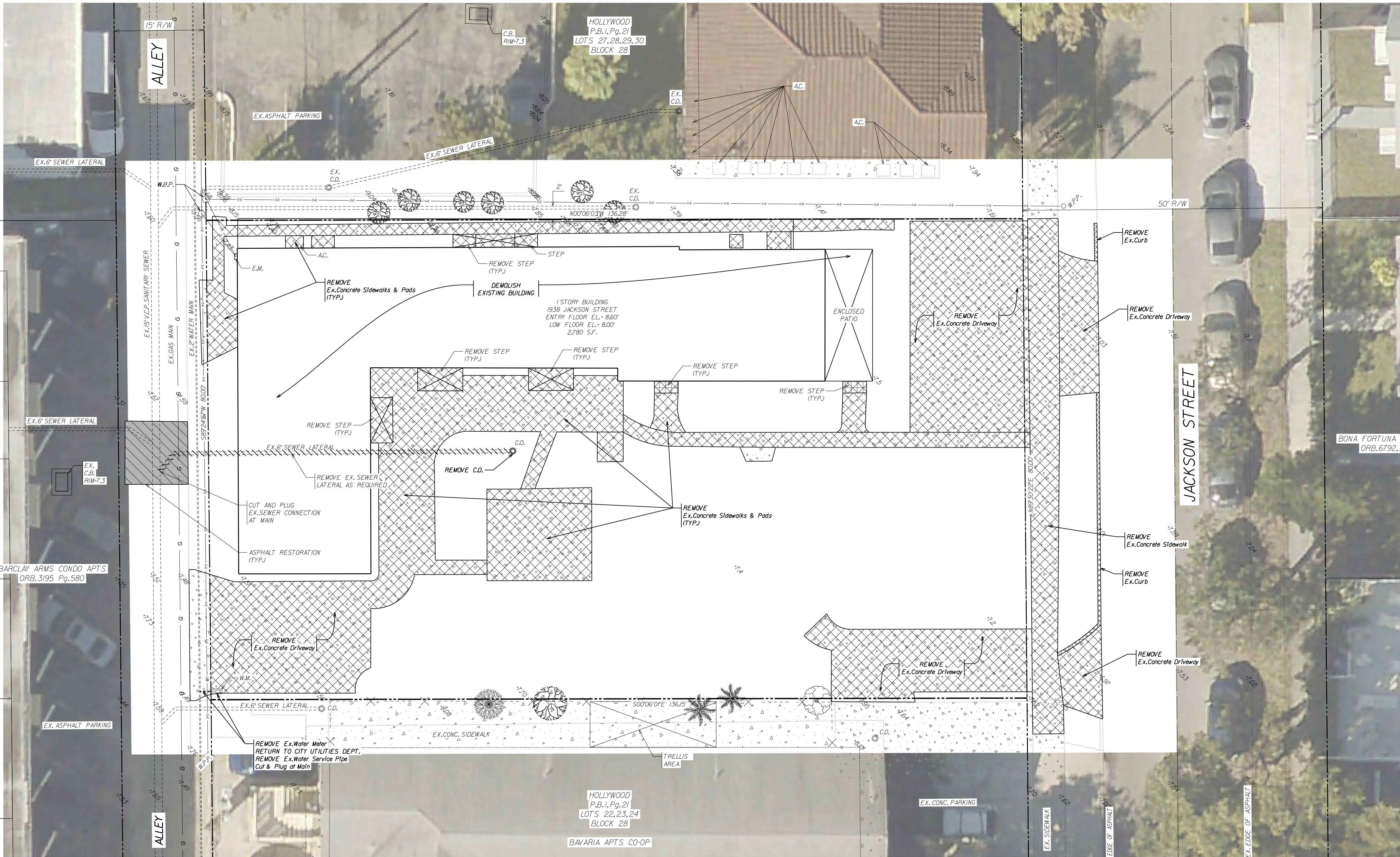


PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

DITCH INSTALLATIONS AT DRAINAGE STRUCTURES



TEMPORARY POLLUTION PREVENTION DETAILS			
JACKSON STREET MULTIFAMILY AESTHETIC APARTMENTS INC.			
WINNINGHAM & FRADLEY, INC. ENGINEERS • PLANNERS • SURVEYORS 111 N.E. 44th STREET, OAKLAND PARK, FL 33334 954-771-7440 FAX 954-771-6206 WWW.WINFRADLEY.COM			
DESIGNED: WFI	DATE: 11/2019	APPROVED:	EB-0002995 LB-0002995
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PROJECT NUMBER		19042	SHEET TPP3 OF 3



SCALE: 1" = 10'  
(FOR 24" x 36" DRAWING)

ABBREVIATIONS	
ORB.	OFFICIAL RECORDS BOOK
P.B.	PLAT BOOK
Pg.	PAGE
R/W	RIGHT-OF-WAY
F.F.	FINISHED FLOOR ELEVATION
NAVD.	NORTH AMERICAN VERTICAL DATUM
B.C.R.	BROWARD COUNTY RECORDS
V.C.P.	VITRIFIED CLAY PIPE
NO.	NUMBER
TYP.	TYPICAL
CONC.	CONCRETE
EX.	EXISTING
F.D.D.T.	FLORIDA DEPARTMENT OF TRANSPORTATION
WPP.	WOOD POWER POLE
I.E.	INVERT ELEVATION
RE.	RIM ELEVATION

DEMOLITION LEGEND	
	EXISTING BUILDING FOR DEMOLITION
	ASPHALT RESTORATION
	EX. CONCRETE DEMOLITION
	EX. CURB DEMOLITION
	EX. UTILITY DEMOLITION
	EXISTING DRAINAGE INLET
	EXISTING PAVEMENT
	EXISTING DRAINAGE PIPE
	EXISTING CURB
	EXISTING CURB & GUTTER
	EXISTING GAS MAIN
	PROPERTY LINE
	RIGHT OF WAY LINE
	EASEMENT LINE
	EXISTING FENCING
	EXISTING WATER MAIN
	EXISTING GRADE

GENERAL NOTES:  
(TAKEN FROM THE CITY OF HOLLYWOOD DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAILS) CONTRACTOR SHALL INCLUDE THESE ITEMS WITHIN BASE BID, ANY ITEMS NOT REQUIRED WILL BE DETERMINED BY CITY AT THE TIME OF PRE-CONSTRUCTION MEETING AND A CONTRACT DEDUCTION WILL BE PROVIDED TO OWNER.

- 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 WORK. THE CONTRACTOR IS 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.
- 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.
- 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.
- 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.
- 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 OTHERWISE APPROVED BY THE UTILITY OWNER.
- 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 OVERLAP WITH ASPHALT PAVEMENT.
- THE CONTRACTOR IS REQUIRED TO OBTAIN ALL APPLICABLE CONSTRUCTION AND ENVIRONMENTAL PERMITS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY ECSD AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND INSTALLATION OF THE PROPOSED IMPROVEMENTS, SHOP DRAWINGS SHALL BE SUBMITTED TO ENGINEER OF RECORD IN ACCORDANCE WITH THE CONTRACT DOCUMENTS' REQUIREMENTS, FOR APPROVAL. IN ADDITION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY OTHER AGENCY SHOP DRAWING APPROVAL, IF REQUIRED.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD 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.
- ELEVATIONS SHOWN ARE IN FEET AND ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- CITY OF HOLLYWOOD SHALL NOT PROVIDE STAGING/STORAGE AREA; CONTRACTOR SHALL SECURE STAGING/STORAGE AREA AS NECESSARY FOR CONSTRUCTION WORK.
- CONTRACTOR SHALL Haul AWAY EXCESSIVE STOCKPILE OF SOIL FOR DISPOSAL EVERY DAY. NO STOCKPILE SOIL IS ALLOWED TO BE LEFT ON THE CONSTRUCTION SITE OVER NIGHT NOR ON ADJACENT PROPERTIES.
- CONTRACTOR SHALL CLEAN/SWEEP THE ROAD AT LEAST ONCE A DAY OR AS REQUESTED BY THE ENGINEER OR CITY INSPECTOR.
- CONTRACTOR SHALL PROTECT CATCH BASINS WITH IN / ADJACENT TO THE CONSTRUCTION SITE AS REQUIRED BY MPDES REGULATIONS.
- THE CITY OF HOLLYWOOD HAS A NOISE ORDINANCE (CHAPTER 100) WHICH PROHIBITS EXCAVATION AND CONSTRUCTION BEFORE 8:00 AM AND AFTER 6:00 PM, MONDAY THROUGH SATURDAY AND ALL DAY SUNDAY.

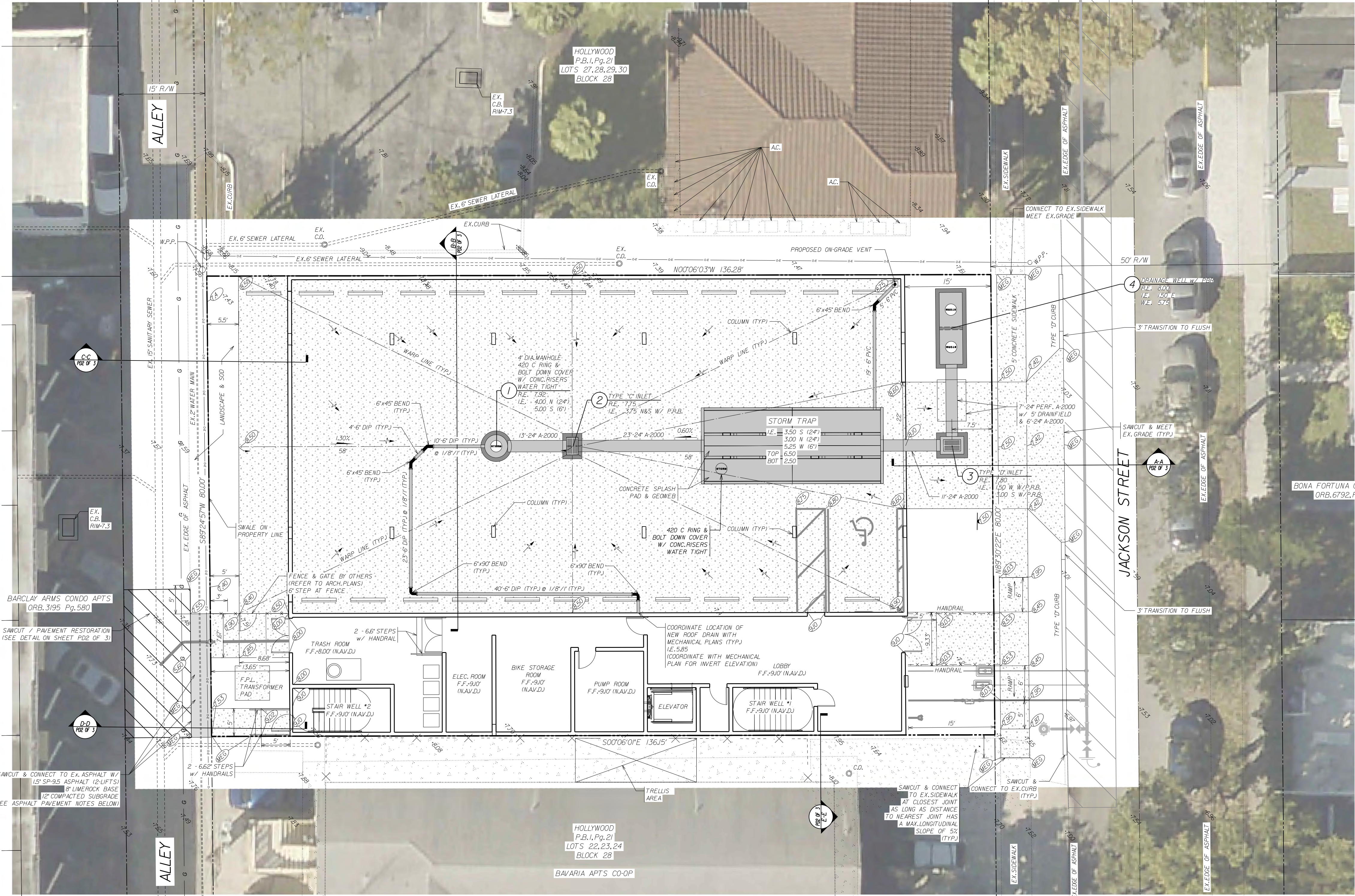
- SUITABLE EXCAVATED MATERIAL SHALL BE USED IN FILL AREAS. NO SEPARATE PAY ITEM FOR THIS WORK, INCLUDE COST IN OTHER ITEMS.
- ALL ROAD CROSSINGS ARE OPEN CUT AS PER THE REQUIREMENTS OF THE ECSD UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZING EARTH, DRIVEWAYS, 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 THE ENGINEER OF RECORD.
- THE CONTRACTOR SHALL NOT ENCRUCH ON 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.
- 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 CLIENT.
- MAIL BOXES, FENCES OR OTHER PRIVATE PROPERTY DAMAGED DURING THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE REPLACED TO MATCH OR EXCEED EXISTING CONDITION.
- CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH FOOT STANDARDS AND CITY OF HOLLYWOOD DEPARTMENT OF PUBLIC UTILITIES STANDARDS.
- NO TREES ARE TO BE REMOVED OR RELOCATED WITHOUT PRIOR APPROVAL FROM THE REGULATORY AUTHORITY.
- 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.
- 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 THE ENGINEER OF RECORD.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF AND MAKING THE REPAIRS TO EXISTING PAVEMENT, SIDEWALKS, PIPES, CONDUITS, 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.
- WHERE NEW PAVEMENT MEETS EXISTING CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT TO MATCH EXISTING CONDITIONS.
- 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.
- ALL EXCAVATED MATERIAL REMOVED FROM THIS PROJECT SHALL BE DISPOSED OF OFF THE PROPERTY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- ALL DUCTILE IRON PRODUCTS SHALL BE DOMESTIC MADE, HEAVY DUTY CLASSIFICATION SUITABLE FOR HIGHWAY TRAFFIC LOADS, OR 20,000 LB.
- ALL GRASSED AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-Seeded.
- 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 REVISIONS OF THE DESIGN STANDARDS. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR THE RESETTling OF ALL TRAFFIC CONTROL AND INFORMATION SIGNAGE REMOVED DURING THE CONSTRUCTION PERIOD.
- EXCAVATED OR OTHER MATERIAL STORED ADJACENT TO OR PARTIALLY UPON A ROADWAY PAVEMENT SHALL BE ADEQUATELY MARKED FOR TRAFFIC SAFETY AT ALL TIMES.
- TEMPORARY PATCH MATERIAL MUST BE ON THE JOB SITE WHENEVER PAVEMENT IS CUT, OR THE ENGINEER'S INSPECTOR WILL SHUT THE JOB DOWN.
- CONTRACTOR MUST PROVIDE FLASHER ARROW SIGNAL FOR ANY LANE THAT IS CLOSED OR DIVERTED.
- 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.
- CONTRACTOR TO RESTORE PAVEMENT TO ORIGINAL CONDITION AS REQUIRED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING Dewatering.
- THE CONTRACTOR SHALL GIVE AT LEAST 48 HOURS NOTICE TO UTILITY COMPANIES TO PROVIDE FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION. CONTACT UTILITIES NOTIFICATION CENTER AT 810/1-800-432-4170 (SUNSHINE ONE-CALL OF FLORIDA).
- WHEN PVC PIPE IS USED, A METALLIZED MARKER TAPE SHALL BE INSTALLED CONTINUOUSLY 18" ABOVE THE PIPE. THE MARKER TAPE SHOULD BE IMPRINTED WITH A WARNING THAT THERE IS BURIED PIPE BELOW. THE TAPE SHALL BE MAGNA TEG, AS MANUFACTURED BY THOR ENTERPRISES INC. OR APPROVED EQUAL.
- ALL CONNECTIONS TO EXISTING MAINS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. WATER CONNECTIONS SHALL BE METERED, AND THE COST OF WATER AND TEMPORARY METER SHALL BE BORNE BY THE CONTRACTOR.
- A COMPLETE AS-BUILT SURVEY SHALL BE ACCURATELY RECORDED OF THE UTILITY SYSTEM DURING CONSTRUCTION. AS-BUILT SURVEY SHALL BE SUBMITTED TO ENGINEER OF RECORD SIGNED AND SEALED BY A FLORIDA REGISTERED SURVEYOR PRIOR TO FINAL INSPECTION AND ACCEPTANCE OF PROJECT. THE COST OF SIGNED AND SEALED AS-BUILTS SHALL BE COVERED IN OVERALL BID. THE AS-BUILT SURVEY SHALL INCLUDE:
  - PLAN VIEW SHOWING THE HORIZONTAL LOCATIONS OF EACH MANHOLE, INLET, VALVE, FITTING, BEND AND HORIZONTAL PIPE DEFLECTIONS WITH COORDINATES AND IN REFERENCE TO A SURVEY BASELINE OR RIGHT-OF-WAY CENTERLINE.
  - THE PLAN VIEW SHALL ALSO SHOW SPOT ELEVATIONS OF THE TOP OF THE MAIN WATER MAIN AND FORCE MAIN OR PIPE INVERTS (GRAVITY MAINS) AT INTERVALS NOT TO EXCEED 100 FEET AS MEASURED ALONG MAIN. THE PLAN VIEW SHALL ALSO INCLUDE SPOT ELEVATIONS AT EACH MANHOLE, INLET, VALVE, FITTING, BEND AND VERTICAL PIPE DEFLECTION.
  - THE PLAN VIEW SHALL ALSO SHOW THE HORIZONTAL SEPARATION FROM UNDERGROUND UTILITIES IMMEDIATELY ADJACENT OR PARALLEL TO THE NEW MAIN.

DEMOLITION  
PLAN & GENERAL NOTES  
JACKSON STREET MULTIFAMILY  
AESTHETIC APARTMENTS INC.

**WINNINGHAM & FRADLEY, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
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PROJECT NUMBER	19042	SHEET	D1 OF 1
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SCALE: 1" = 10'  
(FOR 24" x 36" DRAWING)

ABBREVIATIONS

R

RADIUS

P.R.B.

POLLUTION RETARDANT BAFFLE

P.B.

PLAT BOOK

Pg.

PAGE

R/W

RIGHT-OF-WAY

F.F.

FINISHED FLOOR ELEVATION

N.A.V.D.

NORTH AMERICAN VERTICAL DATUM

B.C.R.

BROWARD COUNTY RECORDS

D.I.P.

DUCTILE IRON PIPE

NO.

NUMBER

C.A.P.

CORRUGATED ALUMINUM PIPE

TYP.

TYPICAL

CONC.

CONCRETE

EX.

EXISTING

F.D.O.T.

FLORIDA DEPARTMENT OF TRANSPORTATION

WPP

WOOD POWER POLE

MEG

MEET EXISTING GRADE

W.E.

WEIR ELEVATION

I.E.

INVERT ELEVATION

R.E.

RIM ELEVATION

LEGEND

PROPOSED ASPHALT PAVEMENT

PROPOSED CONCRETE PAVEMENT

PROPOSED HEADER CURB OR CONCRETE

PROPOSED TYPE 'D' CURB

PROPOSED DRAINAGE IDENTIFICATION

PROPOSED FINISHED GRADE

PROPOSED FINISHED SOD GRADE

PROPOSED RAMP (F.D.O.T.)

MEET EX.GRADE

PROPOSED DRAINAGE INLET / MANHOLE

PROPOSED EXFILTRATION TRENCH

PROPOSED DIRECTION OF OVERLAND FLOW

PROPOSED ROOF OVERHANG

EXISTING PAVEMENT

EXISTING DRAINAGE PIPE

EXISTING CURB

EXISTING CURB & GUTTER

EXISTING DRAINAGE INLET

PROPERTY LINE

RIGHT OF WAY LINE

SECTION LINE

EASEMENT LINE

FENCING

FLOW LINE OR WARP LINE

EXISTING GRADE

- NOTES:
- ALL ELEVATIONS SHOWN REFER TO NORTH AMERICAN DATUM OF 1988 (N.A.V.D.)
  - REFER TO SHEET PD3 FOR WELL & STORMTRAP DETAILS.

ASPHALT PAVEMENT NOTES:

- THE WEARING SURFACE SHALL BE INSTALLED IN TWO LIFTS. THE FIRST LIFT SHALL BE 3/4" OF TYPE SP-95 ASPHALTIC CONCRETE OVER PRIME COAT AND SAND SEAL. THE SECOND LIFT SHALL BE 3/4" OF TYPE SP-95 ASPHALTIC CONCRETE (APPLY TACK COAT BETWEEN LIFTS). SECOND LIFT TO BE INSTALLED AFTER FINAL LANDSCAPING.
- THE BASE COURSE SHALL BE LIMEROCK (70% CALCIUM MIN) CONSTRUCTED TO THE THICKNESS INDICATED AND SHALL HAVE A MINIMUM LBR OF 100. THE BASE MATERIAL SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99. PRIME COAT SHALL BE APPLIED AT A RATE OF 0.25 GALLONS PER SQUARE YARD. PRIME AND TRACT COAT FOR BASE SHALL CONFORM TO THE REQUIREMENTS AND SPECIFICATIONS OF SECTIONS 300-1 THROUGH 300-7 OF F.D.O.T. STANDARDS SPECIFICATION.
- ALL ORGANIC AND YIELDING MATERIAL WITHIN THE LIMITS SHOWN SHALL BE REMOVED AND REPLACED WITH CLEAN FILL. THE SUB-BASE SHALL EXTEND 12" BELOW THE BASE COURSE. SHALL HAVE A MINIMUM LBR OF 40 AND SHALL BE COMPACTED TO 100% OF MAXIMUM DRY DENSITY AS PER AASHTO T-99.
- INDEX NO.'S REFER TO THE FLORIDA DEPARTMENT OF TRANSPORTATION-ROADWAY AND TRAFFIC DESIGN STANDARDS, LATEST EDITION.

OVERALL SITE DATA - JACKSON STREET MULTIFAMILY			
PERVIOUS/IMPERVIOUS SITE DATA			
IMPERVIOUS			
AREA	SQ. FT.	ACRES	
TOTAL GROSS SITE AREA	10,897	0.250	100.00%
BUILDING GROUND COVERAGE	8,601	0.197	78.93%
CONCRETE SIDEWALK / CURB	1,217	0.028	11.17%
PERVIOUS			
GREEN SPACE	1,079	0.025	9.90%
TOTAL IMPERVIOUS	9,818	0.225	90.10%
TOTAL PERVIOUS	1,079	0.025	9.90%
TOTAL NET SITE AREA (SAME AS GROSS-NO DEDICATION)	10,897	0.250	100.00%

PAVING & DRAINAGE SYSTEM  
PLAN

JACKSON STREET MULTIFAMILY  
AESTHETIC APARTMENTS INC.

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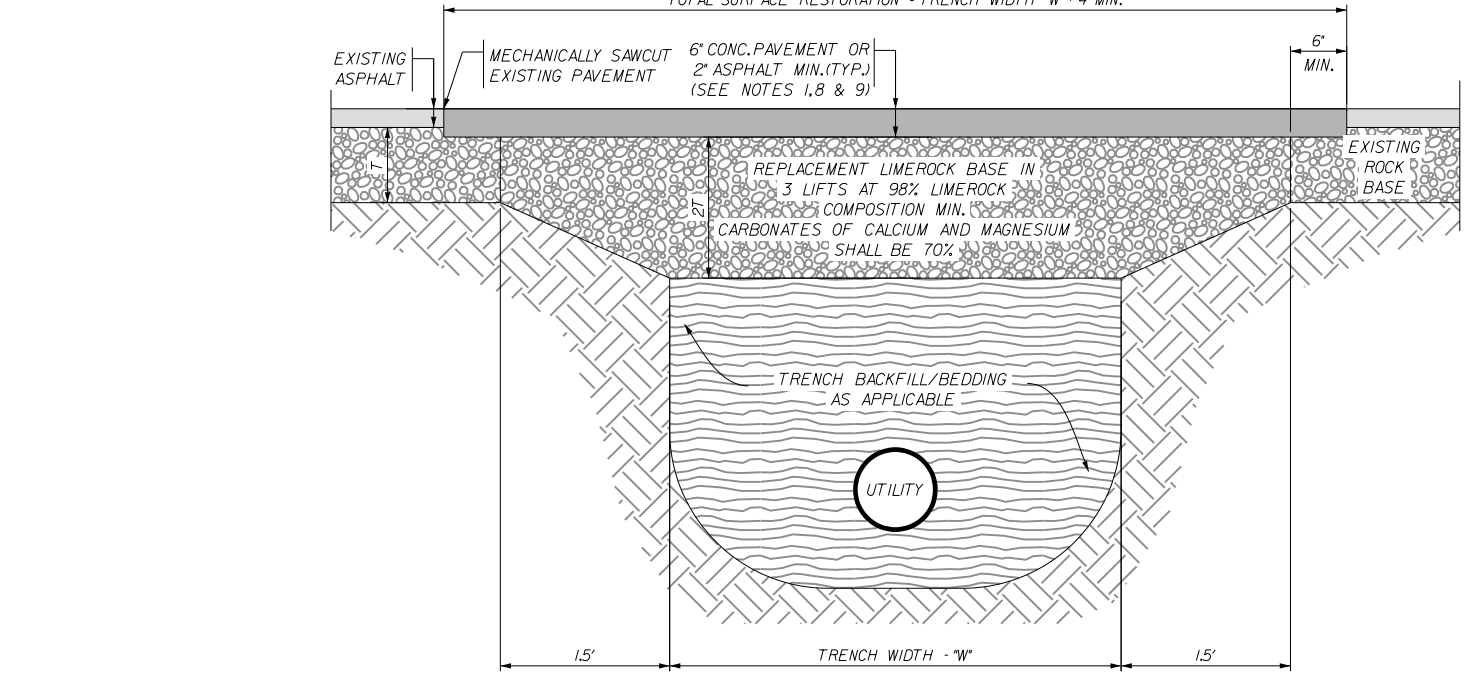
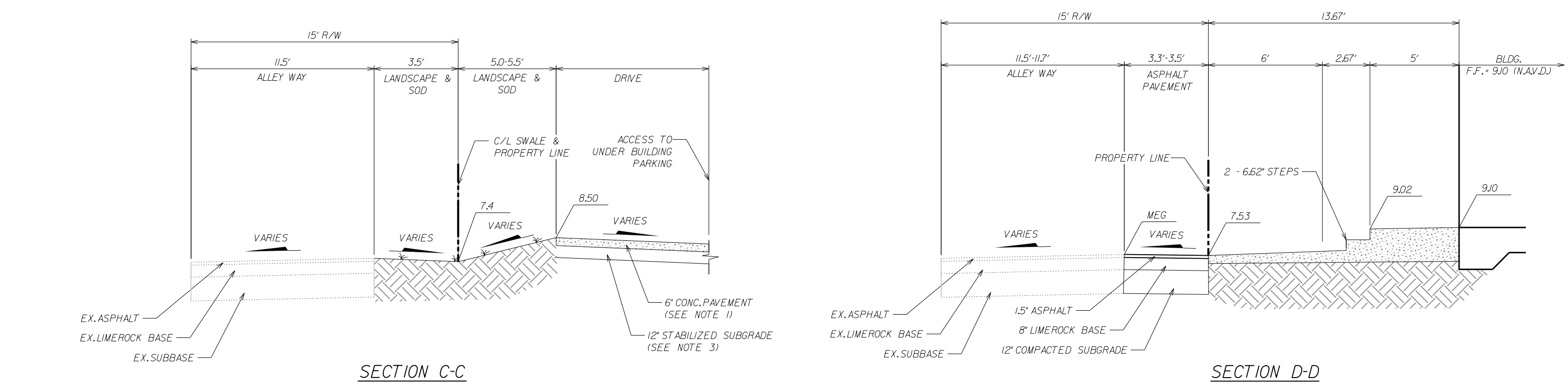
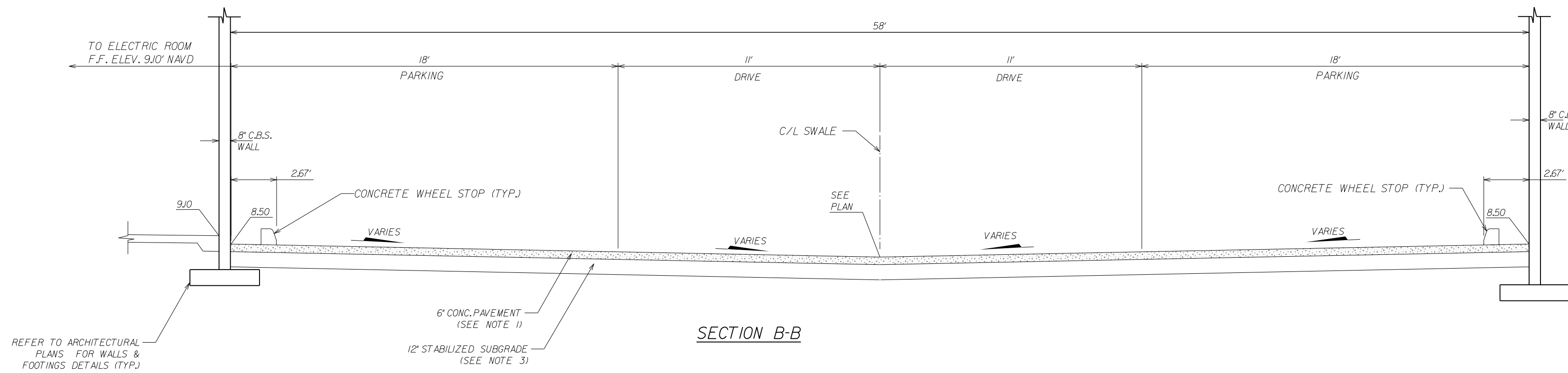
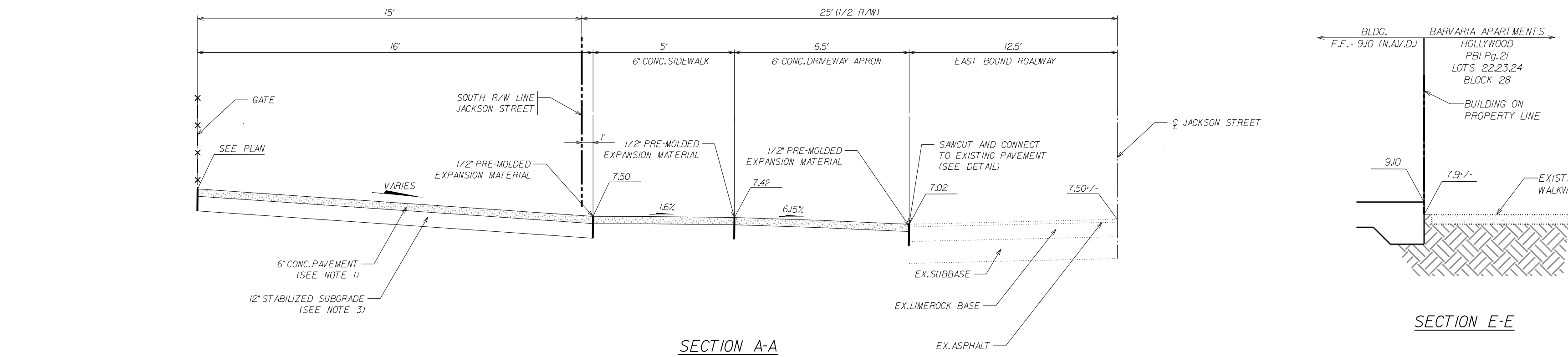
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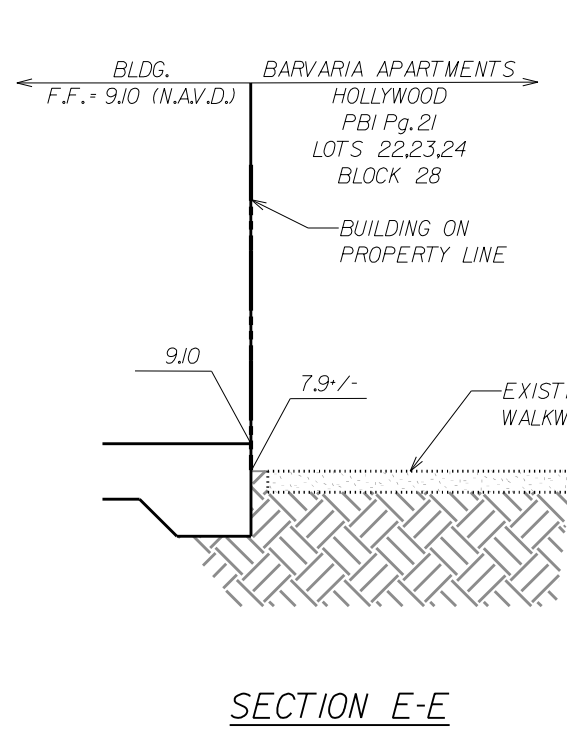
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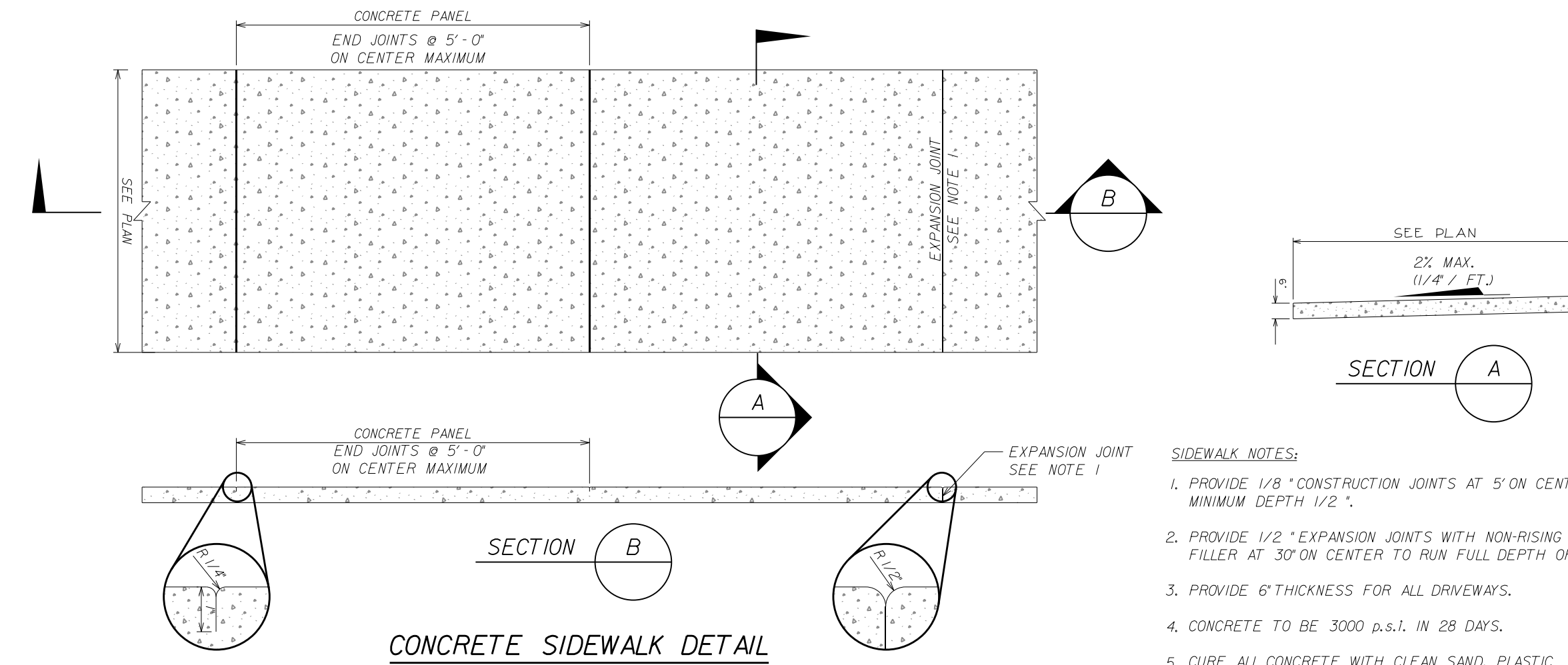


- PAVEMENT RESTORATION NOTES:**
- THE WEARING SURFACE SHALL BE INSTALLED IN TWO LIFTS. THE FIRST LIFT SHALL BE 3/4\"/>

PAVEMENT RESTORATION DETAIL

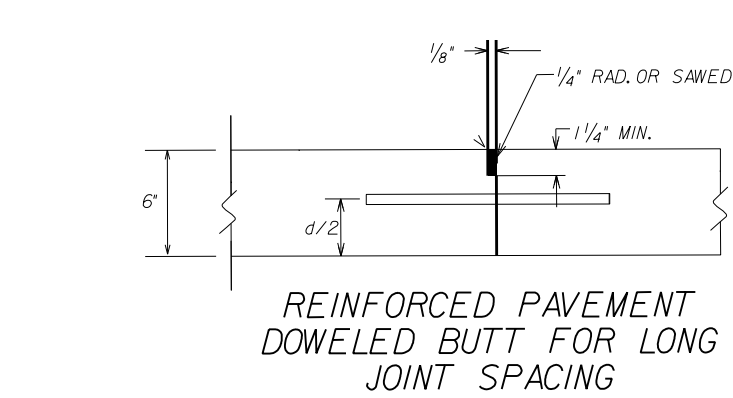


SECTION E-E



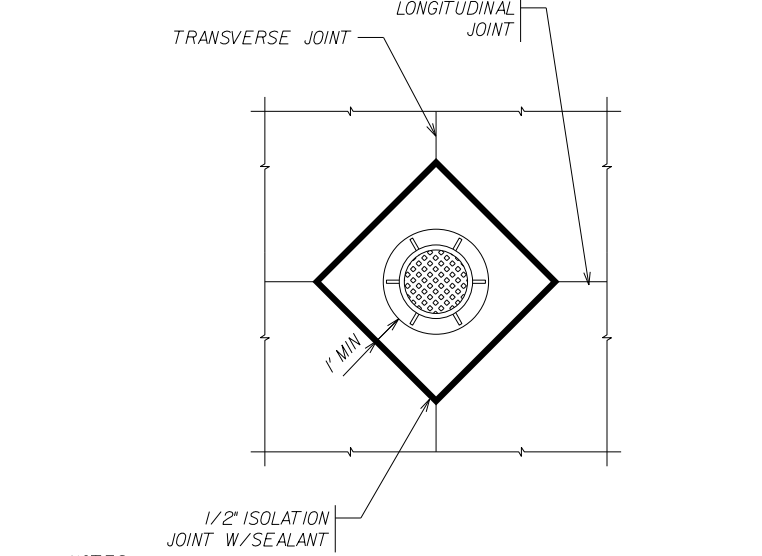
CONCRETE SIDEWALK DETAIL

- CONCRETE PAVEMENT NOTES:**
- CONSTRUCTION SHALL CONFORM TO ALL REQUIREMENTS OF ACI 330 UNLESS OTHERWISE NOTED.
  - CONCRETE SHALL BE 4000 PSI AT 28 DAYS AND HAVE A BROOM FINISH.
  - ALL ORGANIC AND YIELDING MATERIAL WITHIN THE LIMITS SHOWN SHALL BE REMOVED AND REPLACED WITH CLEAN FILL. THE SUB-BASE SHALL EXTEND 12\"/>



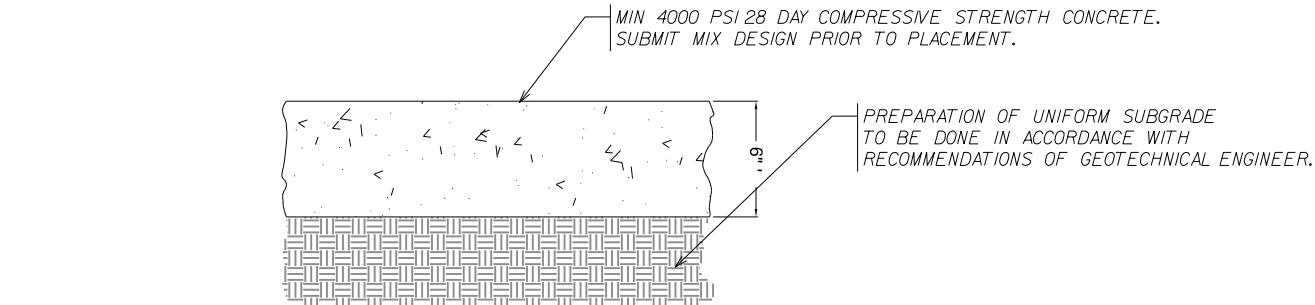
REINFORCED PAVEMENT DOWELED BUTT FOR LONG JOINT SPACING

- SIDEWALK NOTES:**
- PROVIDE 1/8\"/>

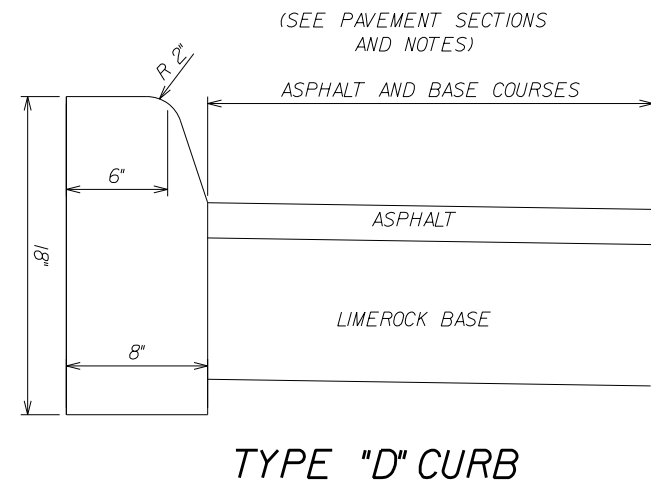


- NOTES:**
- ALL CATCH BASINS, MANHOLES OR OTHER FIXTURES SHOULD BE SEPARATED FROM THE PAVEMENT AND CURB BY BOYING OUT AS SHOWN ABOVE. JOINT MATERIAL SHOULD EXTEND COMPLETELY THROUGH CURB AND SLAB. MANHOLE CASTINGS WITHIN THE PAVEMENT LIMITS SHOULD BE BOXED IN LIKE MANNER EXCEPT WHEN TELESCOPING TYPE CASTINGS ARE USED.
  - WHEN A JOINT FALLS WITHIN 5\"/>

FIXTURE DETAILS



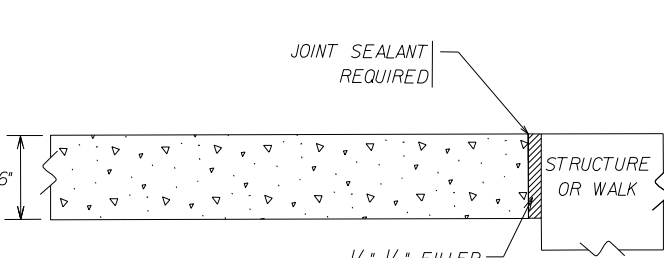
PORTLAND CEMENT CONCRETE PAVEMENT



TYPE "D" CURB

CONCRETE CURB DETAILS

- CURB NOTES:**
- FOR CURB, HEADER CURB AND CURB & GUTTER PROVIDE 1/8\"/>



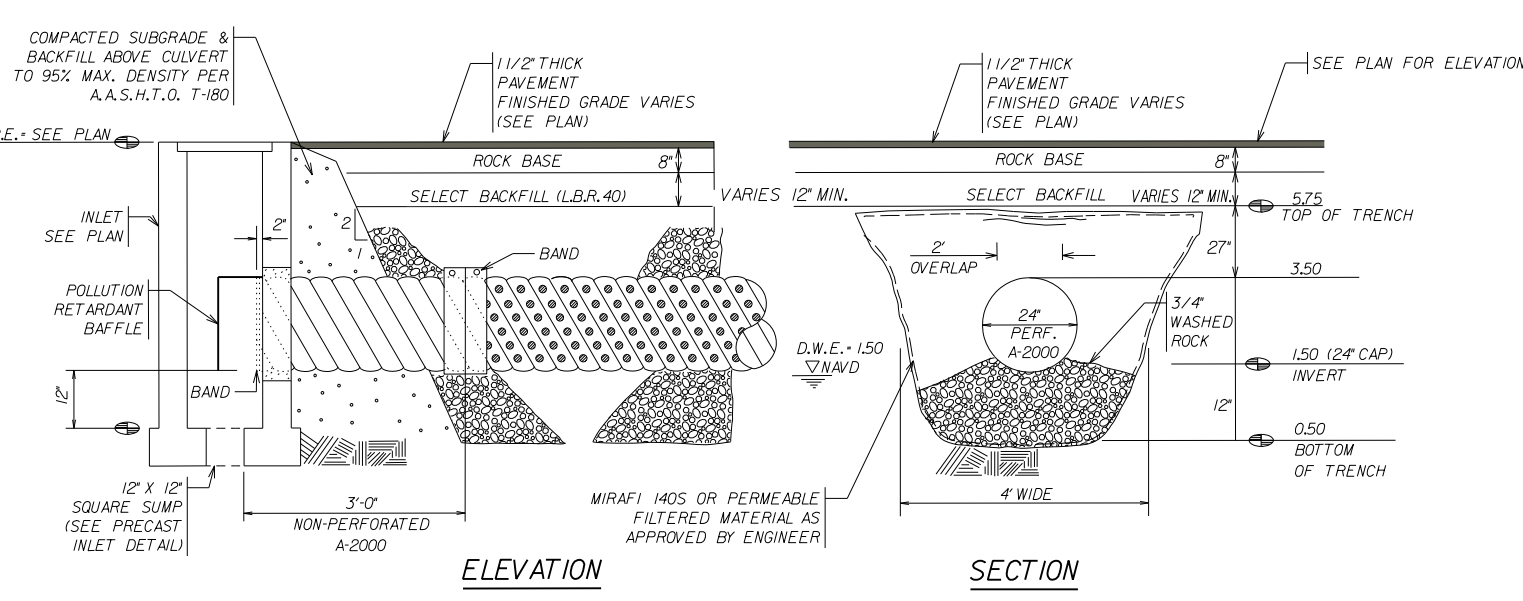
ISOLATION JOINTS



BUTT JOINT

(FOR THINNER PAVEMENTS AND SHORT JOINT SPACING)

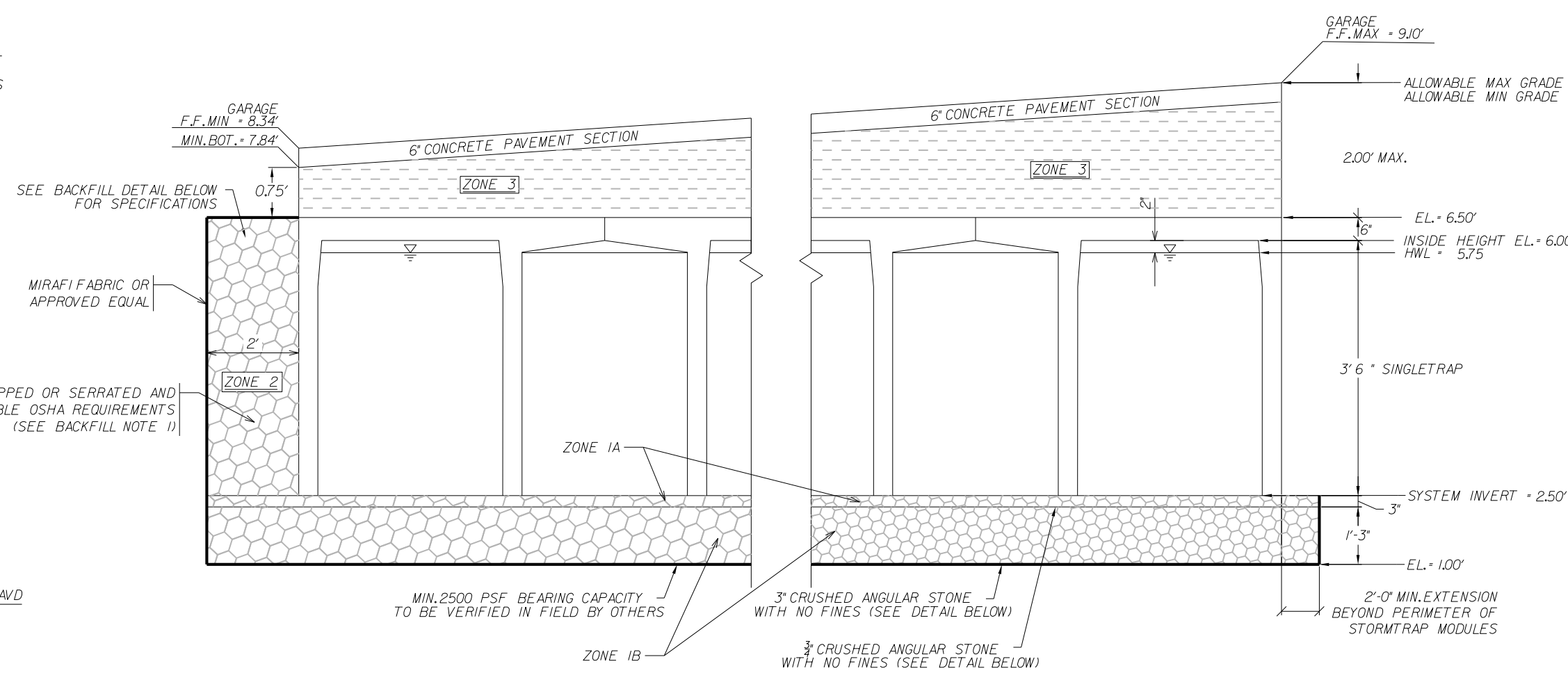
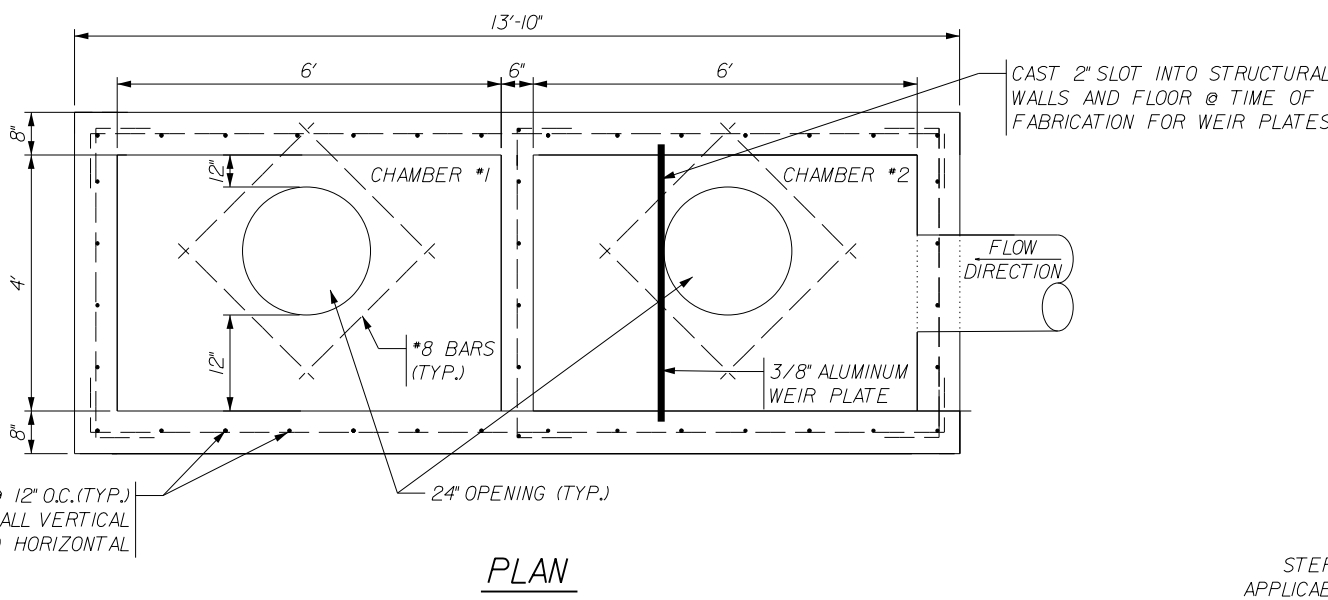
CONTROL JOINT DETAILS



TYPICAL TRENCH BACKFILL/BEDDING

EXFILTRATION TRENCH DETAIL

<b>PAVING &amp; DRAINAGE SYSTEM SECTIONS - DETAILS</b>			
<b>JACKSON STREET MULTIFAMILY AESTHETIC APARTMENTS INC.</b>			
<b>WINNINGHAM &amp; FRADLEY, INC. ENGINEERS • PLANNERS • SURVEYORS</b> <small>111 N.E. 44th STREET, CHANDLER, AZ 85226 • (480) 752-7640 • FAX (480) 771-0208 • www.winningham.com</small>			
DESIGNED: TFM	DATE: 11/2019	APPROVED:	EB-0002995 LB-0002995
DRAWN: WFI	DATE: 11/2019	CHECKED: WTV	DATE: 02/2020
PROJECT NUMBER: 19042		SHEET PD2 OF 3	



## STORMTRAP 3' 6" SINGLETRAP & BACKFILL DETAIL

DESIGN CRITERIA:  
ALLOWABLE MAX GRADE +9.50'  
ALLOWABLE MIN GRADE -8.25'  
INSIDE HEIGHT ELEVATION +6.00'  
SYSTEM INVERT -2.50'

### RECOMMENDED ACCESS OPENING SPECIFICATION

- A TYPICAL ACCESS OPENING FOR THE STORMTRAP SYSTEM ARE 2'-0" IN DIAMETER. ACCESS OPENINGS LARGER THAN 3'-0" IN DIAMETER NEED TO BE APPROVED BY STORMTRAP. ALL OPENINGS MUST RETAIN AT LEAST 1'-0" OF CLEARANCE FROM THE END OF THE STORMTRAP MODULE. UNLESS NOTED OTHERWISE, ALL ACCESS OPENINGS TO BE LOCATED ON INSIDE LEG UNLESS OTHERWISE SPECIFIED.
- PLASTIC COATED STEEL STEPS PRODUCED BY M.A. INDUSTRIES PART #3-PFC OR APPROVED EQUAL (SEE STEP DETAIL) ARE PROVIDED INSIDE ANY MODULE WHERE DEEMED NECESSARY. THE HIGHEST STEP IN THE MODULE IS TO BE PLACED A DISTANCE OF 1'-0" FROM THE INSIDE EDGE OF THE STORMTRAP MODULE. ALL ENSUING STEPS SHALL BE PLACED AT A DISTANCE BETWEEN 10" MIN AND 14" MAX BETWEEN THEM. STEPS MAY BE MOVED OR ALTERED TO AVOID OPENINGS OR OTHER IRREGULARITIES IN THE MODULE.
- STORMTRAP LIFTING INSERTS MAY BE RELOCATED TO AVOID INTERFERENCE WITH ACCESS OPENINGS OR THE CENTER OF GRAVITY OF THE MODULE AS NEEDED.
- STORMTRAP ACCESS OPENINGS MAY BE RELOCATED TO AVOID INTERFERENCE WITH INLET AND/OR OUTLET PIPE OPENINGS SO PLACEMENT OF STEPS IS ATTAINABLE.
- ACCESS OPENINGS SHOULD BE LOCATED IN ORDER TO MEET THE APPROPRIATE MUNICIPAL REQUIREMENTS. STORMTRAP RECOMMENDS AT LEAST TWO ACCESS OPENINGS PER SYSTEM FOR ACCESS AND INSPECTION.
- USE PRECAST ADJUSTING RINGS AS NEEDED TO MEET GRADE. STORMTRAP RECOMMENDS FOR COVER OVER 2' TO USE PRECAST BARREL OR CONE SECTIONS. (PROVIDED BY OTHERS)

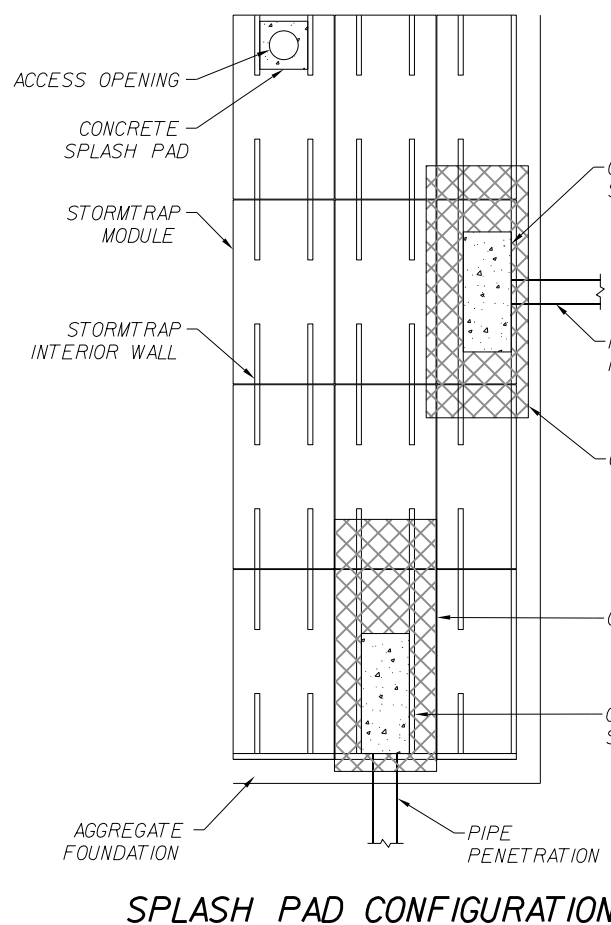
### RECOMMENDED PIPE OPENING SPECIFICATION

- MINIMUM EDGE DISTANCE FOR AN OPENING ON THE OUTSIDE WALL SHALL BE NO LESS THAN 1'-0".
- MAXIMUM OPENING SIZE TO BE DETERMINED BY THE MODULE HEIGHT. PREFERRED OPENING SIZE IS 3/8" OR LESS. ANY OPENING NEEDED THAT DOES NOT FIT THIS CRITERIA SHALL BE BROUGHT TO THE ATTENTION OF STORMTRAP FOR REVIEW.
- CONNECTING PIPES SHALL BE INSTALLED WITH A 1'-0" CONCRETE COLLAR AND AN AGGREGATE CRADLE FOR AT LEAST ONE PIPE LENGTH (SEE PIPE CONNECTION DETAIL). A STRUCTURAL GRADE CONCRETE OR HIGH STRENGTH NON-SHRINK GROUT WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI SHALL BE USED.
- THE ANNULAR SPACE BETWEEN THE PIPE AND THE HOLE SHALL BE FILLED WITH HIGH STRENGTH NON-SHRINK GROUT.

### RECOMMENDED PIPE INSTALLATION INSTRUCTIONS

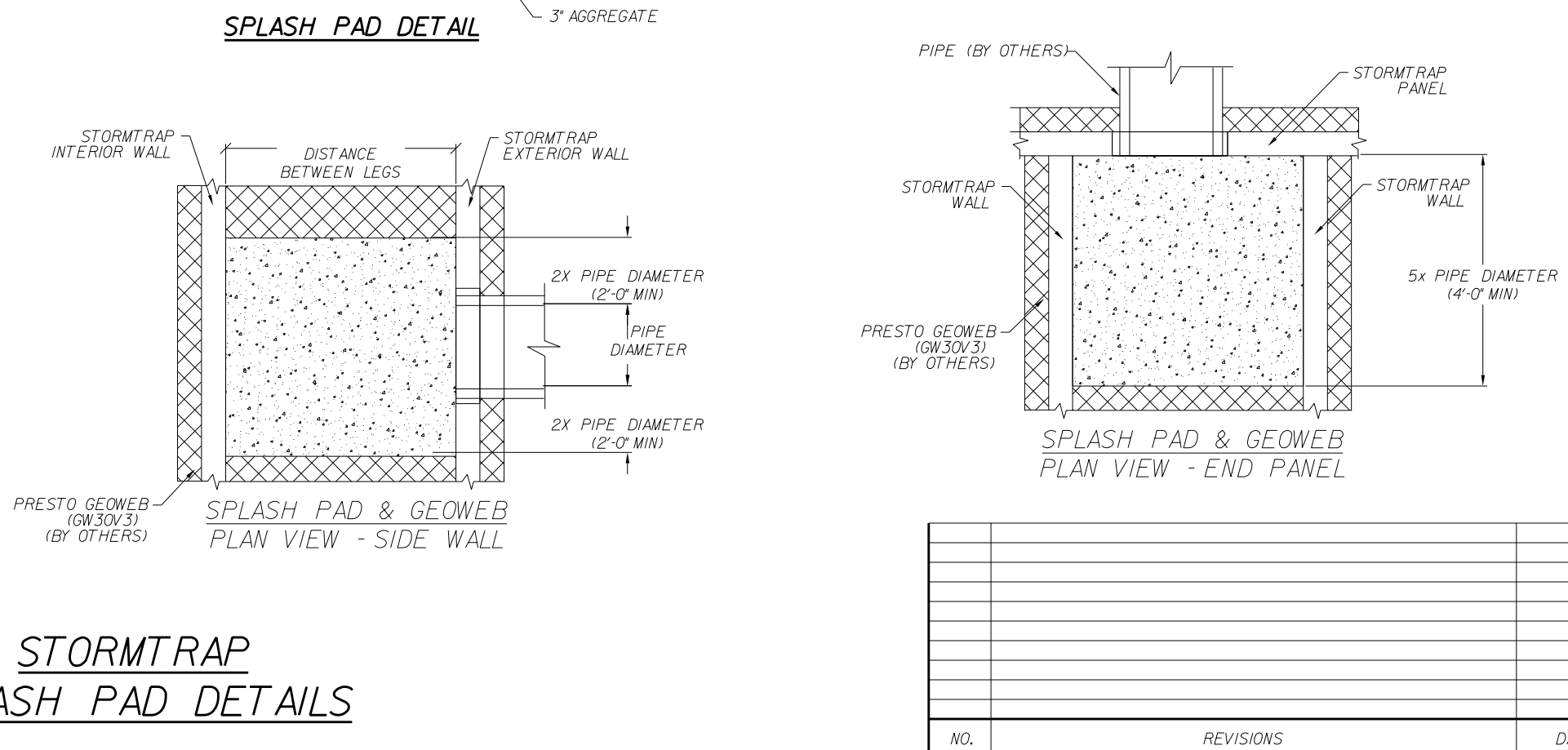
- CLEAN AND LIGHTLY LUBRICATE ALL OF THE PIPE TO BE INSERTED INTO STORMTRAP.
- IF PIPE IS CUT, CARE SHOULD BE TAKEN TO AVOID NO SHARP EDGES, BEVEL AND LUBRICATE LEAD END OF PIPE.
- ALIGN CENTER OF PIPE TO CORRECT ELEVATION AND INSERT INTO OPENING.

NOTE: ALL ANCILLARY PRODUCTS/SPECIFICATIONS RECOMMENDED AND SHOWN ON THIS SHEET ARE RECOMMENDATIONS ONLY AND SUBJECT TO CHANGE PER THE INSTALLING CONTRACTOR AND/OR PER LOCAL MUNICIPAL CODE/REQUIREMENTS.



SPLASH PAD CONFIGURATION

## STORMTRAP SPLASH PAD DETAILS



### STRUCTURAL DESIGN LOADING CRITERIA

LIVE LOADING: AASHTO HS-20 HIGHWAY LOADING  
GROUND WATER TABLE: BELOW INVERT OF SYSTEM  
SOIL BEARING PRESSURE: 2500 PSF  
SOIL DENSITY: 120 PCF  
EQUIVALENT UNSATURATED LATERAL ACTIVE EARTH PRESSURE: 35 PSF / FT.  
EQUIVALENT SATURATED LATERAL ACTIVE EARTH PRESSURE: 10 PSF / FT.  
APPLICABLE CODES: AASHTO AC-308  
BACKFILL TYPE: 3/4" STONE AGGREGATE

### STORMTRAP SYSTEM INFORMATION

WATER STORAGE REQUIRED: 1000 CUBIC FEET  
WATER STORAGE PROVIDED: 1000 CUBIC FEET AT 3.25 DPTH  
UNIT HEADROOM: 3' 6" SINGLETRAP  
UNIT QUANTITY: 4 TOTAL PIECES

FILL DEPTH	TRACK WIDTH	MAX GROUND PRESSURE
12"	12"	1650 psf
18"	18"	1250 psf
24"	24"	1110 psf
30"	30"	1000 psf
36"	36"	924 psf

TRACK LENGTH NOT TO EXCEED 15'-4" ONLY TWO TRACKS PER VEHICLE.

### BILL OF MATERIALS

QTY.	UNIT TYPE	DESCRIPTION	WEIGHT
4	3' 6" SINGLETRAP	3' 6" SINGLETRAP	0
0	II	3' 6" SINGLETRAP	0
0	III	3' 6" SINGLETRAP	0
0	IV	3' 6" SINGLETRAP	0
0	VII	3' 6" SINGLETRAP	0
0	SPW	3' 6" SINGLETRAP	0
4	PANEL	12"X12"X1/2" PANELS	VARIES
2	JOINTWRAP	150' PER ROLL	VARIES
0	JOINTTAPE	1/4" PER ROLL	VARIES

### ZONE CHART

ZONES	ZONE DESCRIPTIONS	REMARKS
ZONE 1A	FOUNDATION AGGREGATE	*5 1/2" STONE AGGREGATE (SEE NOTE 4 FOR DESCRIPTION)
ZONE 1B	FOUNDATION AGGREGATE	*5 1/2" STONE AGGREGATE (SEE NOTE 5 FOR DESCRIPTION)
ZONE 2	BACKFILL	*5 1/2" STONE AGGREGATE (SEE NOTE 4 FOR DESCRIPTION)
ZONE 3	FINAL COVER OVERTOP	MATERIALS NOT TO EXCEED 120 PSF

### SITE SPECIFIC DESIGN CRITERIA

- STORMTRAP MODULES SHALL BE MANUFACTURED AND INSTALLED ACCORDING TO SHOP DRAWINGS APPROVED BY THE INSTALLING CONTRACTOR AND ENGINEER OF RECORD. THE SHOP DRAWINGS SHALL INDICATE SIZE AND LOCATION OF ROOF OPENINGS AND INLET/OUTLET PIPE TYPES, SIZES, INVERT ELEVATIONS AND SIZE OF OPENINGS.
- COVER RANGE: 0.75 MIN / 2.00 MAX. CONSULT STORMTRAP FOR ADDITIONAL COVER OPTIONS.
- ALL DIMENSIONS AND SOIL CONDITIONS, INCLUDING BUT NOT LIMITED TO GROUNDWATER AND SOIL BEARING CAPACITY, ARE REQUIRED TO BE VERIFIED IN THE FIELD BY OTHERS PRIOR TO STORMTRAP INSTALLATION.
- FOR STRUCTURAL CALCULATIONS THE GROUND WATER TABLE IS ASSUMED TO BE BELOW THE SYSTEM INVERT. IF WATER TABLE IS DIFFERENT THAN ASSUMED, CONTACT STORMTRAP.

#### NOTES:

- DIMENSIONING OF STORMTRAP SYSTEM SHOWN BELOW ALLOW FOR A 3/4" GAP BETWEEN EACH MODULE.
- ALL DIMENSIONS TO BE VERIFIED IN THE FIELD BY OTHERS.
- SEE SHEET 3D FOR INSTALLATION SPECIFICATIONS.
- SP - INDICATES A MODULE WITH MODIFICATIONS.
- P - INDICATES A MODULE WITH A PANEL ATTACHMENT.
- CONTRACTORS RESPONSIBILITY TO ENSURE CONSISTENCY/ACCURACY TO FINAL ENGINEER OF RECORD PLAN SET.

### STORMTRAP ZONE INSTALLATION SPECIFICATIONS/PROCEDURES

- THE FILL PLACED AROUND THE STORMTRAP MODULES MUST DEPOSITED ON BOTH SIDES AT THE SAME TIME AND TO APPROXIMATELY THE SAME ELEVATION. AT NO TIME SHALL THE FILL BEHIND ONE SIDE WALL BE MORE THAN 2'-0" HIGHER THAN THE FILL ON THE OPPOSITE SIDE. BACKFILL SHALL EITHER BE COMPACTED AND/OR VIBRATED TO ENSURE THAT BACKFILL AGGREGATE/STONE MATERIAL IS WELL SEATED AND PROPERLY INTER LOCKED. CARE SHALL BE TAKEN TO PREVENT ANY WEDGING ACTION AGAINST THE STRUCTURE AND ALL SLOPES WITHIN THE AREA TO BE BACKFILLED MUST BE STEPPED OR SERRATED TO PREVENT WEDGING ACTION. CARE SHALL ALSO BE TAKEN AS NOT TO DISRUPT THE JOINT WRAP FROM THE JOINT DURING THE BACKFILL PROCESS. BACKFILL MATERIAL SHALL BE CLEAN, CRUSHED, ANGULAR NO. 5 (AASHTO M45) AGGREGATE. IF NATIVE EARTH IS SUSCEPTIBLE TO MIGRATION, CONFIRM WITH GEOTECHNICAL ENGINEER AND PROVIDE PROTECTION AS REQUIRED (PROVIDED BY OTHERS).
- DURING PLACEMENT OF MATERIAL OVERTOP THE SYSTEM, AT NO TIME SHALL MACHINERY BE USED OVERTOP THAT EXCEEDS THE DESIGN LIMITATIONS OF THE SYSTEM. WHEN PLACEMENT OF MATERIAL OVERTOP MATERIAL SHALL BE PLACED SUCH THAT THE DIRECTION OF PLACEMENT IS PARALLEL WITH THE OVERALL LONGITUDINAL DIRECTION OF THE SYSTEM WHENEVER POSSIBLE.
- THE FILL PLACED OVERTOP THE SYSTEM SHALL BE PLACED AT A MINIMUM OF 8' LIFTS. AT NO TIME SHALL MACHINERY OR VEHICLES GREATER THAN THE DESIGN HS-20 LOADING CRITERIA TRAVEL OVERTOP THE SYSTEM WITHOUT THE MINIMUM DESIGN COVERAGE. IF TRAVEL IS NECESSARY OVERTOP THE SYSTEM PRIOR TO ACHIEVING THE MINIMUM DESIGN COVERAGE, IT MAY BE NECESSARY TO REDUCE THE ULTIMATE LOAD/BURDEN OF THE OPERATING MACHINERY SO AS TO NOT EXCEED THE DESIGN CAPACITY OF THE SYSTEM IN SOME CASES. IN ORDER TO ACHIEVE REQUIRED COMPACTION, HAND COMPACTION MAY BE NECESSARY IN ORDER NOT TO EXCEED THE ALLOTTED DESIGN LOADING. SEE CHART FOR TRACKED VEHICLE WIDTH AND ALLOWABLE MAXIMUM PRESSURE PER TRACK.
- FREE DRAINING AGGREGATE - BOX AGGREGATE RETAINED ON 1/2" SIEVE. MAJORITY OF AGGREGATE SIZE BETWEEN 1/2" AND 1 1/2" ONLY 5% OF MATERIAL PASSING 3/8" SIEVE.
- FREE DRAINING NO FINES, 3" AGGREGATE - MAJORITY OF STONE SIZE IN BETWEEN 1 1/2" AND 3" VERY SIMILAR TO AASHTO M45, 3/4" STONE AGGREGATE GRADATION.

### END PANEL ERECTION/INSTALLATION NOTES

- END PANELS WILL BE SUPPLIED TO CLOSE OFF OPEN ENDS OF ROWS.
- PANELS SHALL BE INSTALLED IN A TILT UP FASHION DIRECTLY ADJACENT TO OPEN END OF MODULE (REFER TO PLAN ABOVE FOR END PANEL LOCATIONS).
- CONNECTION HOOKS WILL BE SUPPLIED WITH END PANELS TO SECURELY CONNECT PANEL TO ADJACENT STORMTRAP MODULE (SEE PANEL CONNECTION ELEVATION VIEW).
- ONCE CONNECTION HOOK IS ATTACHED, LIFTING CLUTCHES MAY BE REMOVED.
- JOINT WRAP WILL BE SUPPLIED AND SHALL BE PLACED AROUND PERIMETER JOINT PANEL.

### SPLASH PAD NOTES:

- THE APPROVED GEOWEB SHALL BE PRESTO GEOWEB (GW30V3). THE GEOWEB NOMINAL DIMENSIONS SHALL BE 3' X 25'-0".
- THE CONCRETE SPLASH PAD AND GEOWEB SHALL BE INSTALLED PRIOR TO INSTALLATION OF THE STORMTRAP MODULES.
- THE GEOWEB INFILL MATERIAL SHALL BE \*5 AGGREGATE.
- THE CONCRETE SPLASH PAD SHALL BE INSTALLED WITHIN THE GEOWEB AND IS REQUIRED AT ALL PIPE ENTRY LOCATIONS.
- THE GEOWEB EDGE SHALL BE INSTALLED 1'-0" BEYOND THE OUTER PERIMETER OF THE STORMTRAP SYSTEM.
- THE GEOWEB LONGITUDINAL DIMENSION (25'-0") SHALL BE INSTALLED PARALLEL TO THE STORMTRAP LEGS.
- THE CONCRETE SPLASH PAD AND GEOWEB SHALL BE CENTERED AT THE PIPE PENETRATION.
- REFER TO SPLASH PAD LAYOUT FOR CONCRETE SPLASH PAD DIMENSIONS.
- IF ANY PRODUCT OTHER THAN PRESTO GEOWEB IS TO BE INSTALLED, THE PRODUCT MANUFACTURER IS REQUIRED TO SUBMIT A LETTER STATING THAT THE PRODUCT IS EQUAL OR BETTER THEN PRESTO GEOWEB, BOTH IN PERFORMANCE AND IN STRUCTURAL CAPACITY.
- ALL GEOWEB AND SPLASH PADS TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.
- A CONCRETE SPLASH PAD IS REQUIRED AT ANY ACCESS OPENING THAT HAS AN OPEN GRATE FOR DRAINAGE. THE CONCRETE SPLASH PAD SHALL EXTEND BETWEEN THE UNIT LEG WALLS AND 3'-0" FROM THE CENTERLINE OF THE OPENING ON BOTH SIDES UNLESS SPECIFIED OTHERWISE ON THE SPLASH PAD LAYOUT. GEOWEB IS NOT REQUIRED UNDER ACCESS OPENINGS.

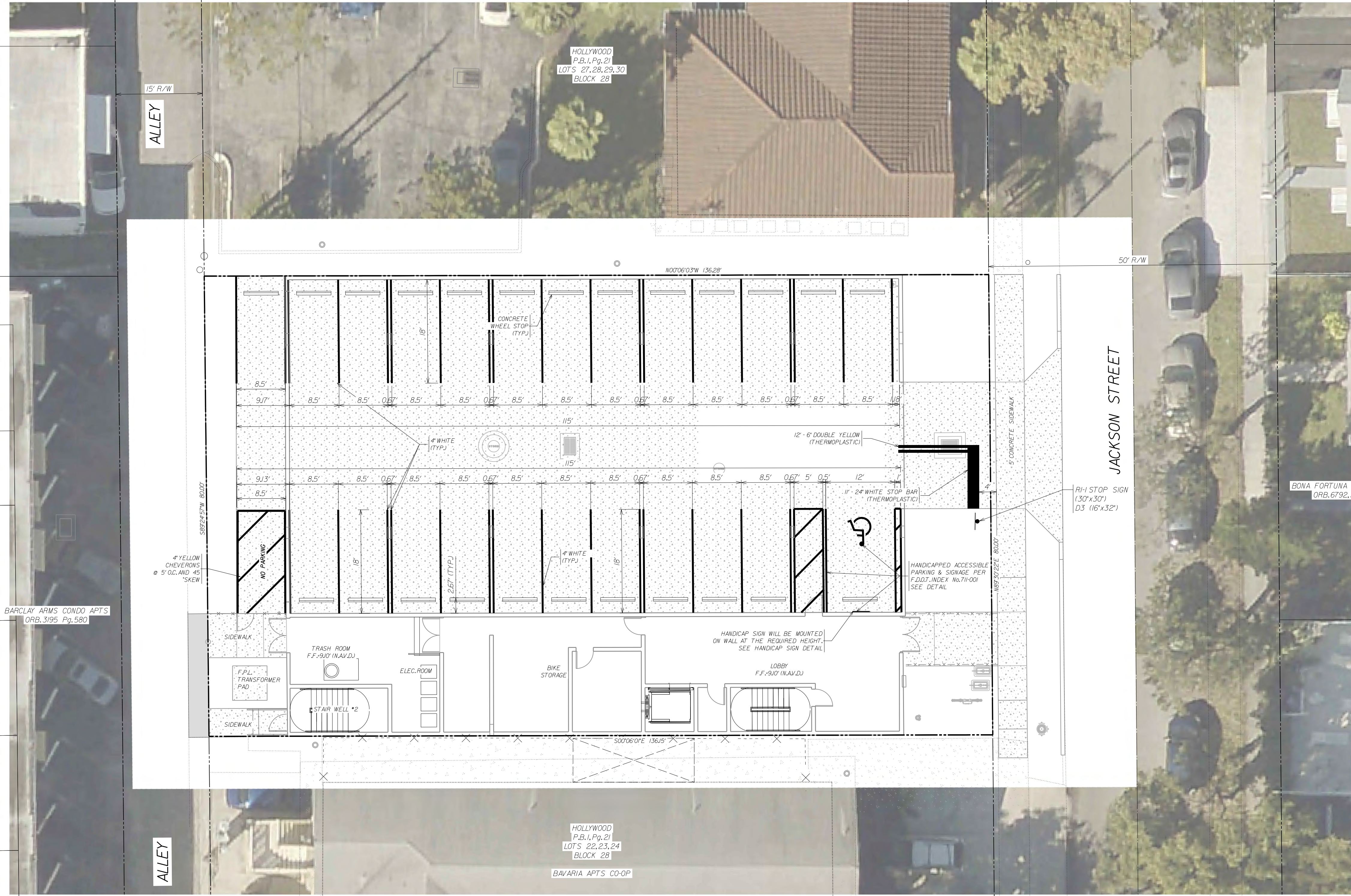
### PAVING & DRAINAGE SYSTEM DETAILS

## JACKSON STREET MULTIFAMILY AESTHETIC APARTMENTS INC.

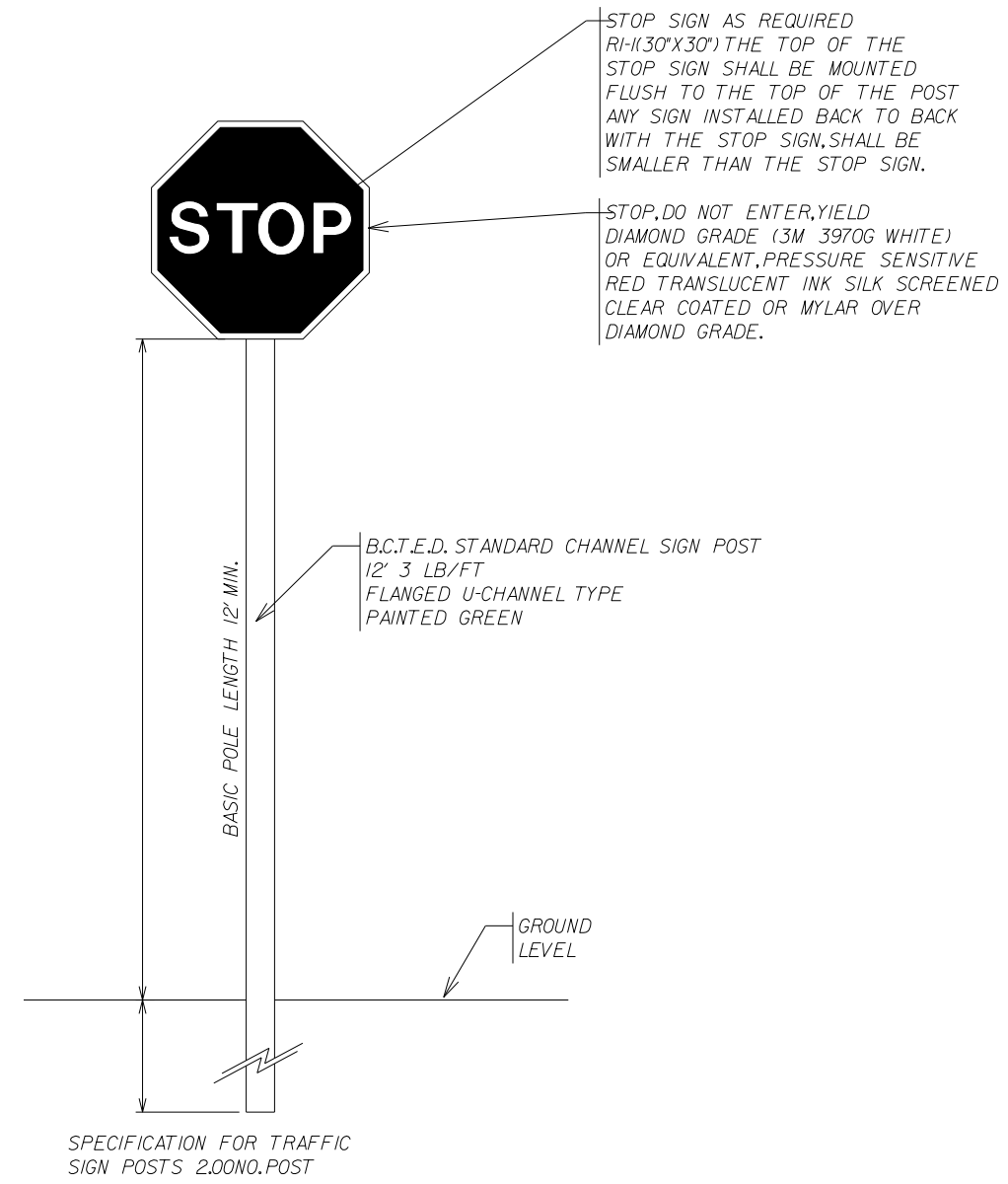
WINNINGHAM & FRADLEY, INC.  
ENGINEERS - PLANNERS - SURVEYORS  
111 N.E. 44th STREET, SUITE 200, MIAMI, FL 33137 (305) 751-2000

DESIGNED: TFM	DATE: 11/2019	APPROVED:	EB-0002995
DRAWN: WFI	DATE: 11/2019		LB-0002995
CHECKED: TFM	DATE: 02/2020		
PUBLISHED: 7/31/2020, 12:47:31 PM			

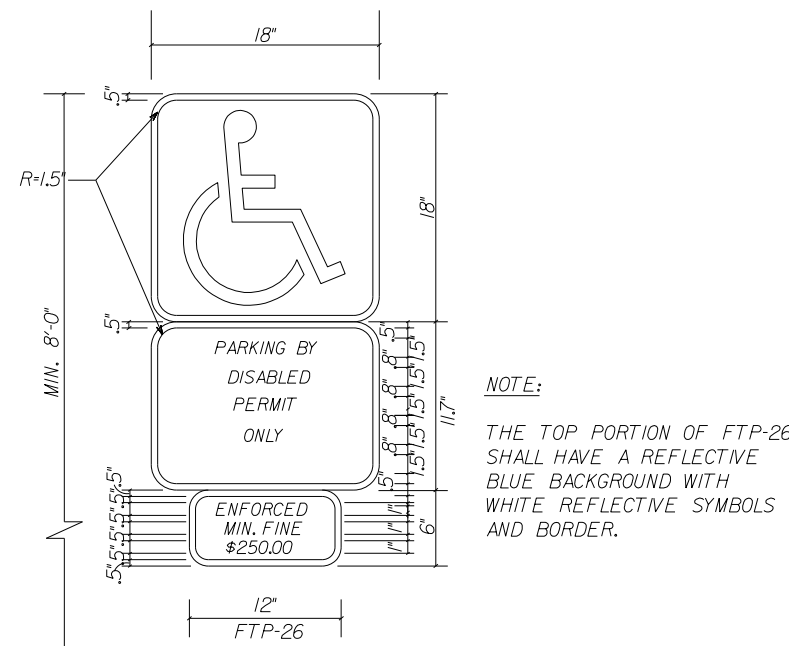
NO.	REVISIONS	DATE	SHEET
			PD3 OF 3



SCALE: 1" = 10'  
(FOR 24" x 36" DRAWING)



TYPICAL STOP SIGN DETAIL



NOTE: 1. HANDICAPPED SIGN WILL BE OF F.D.D.T. (WHITE) COLOR.

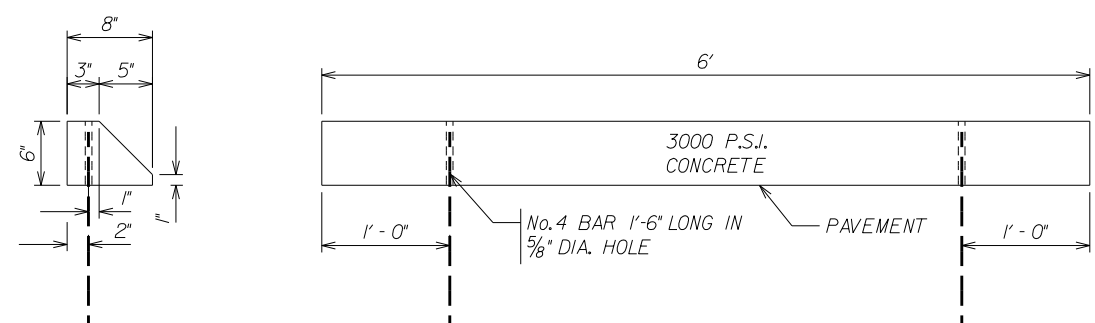
2. PAVEMENT BORDER LINES (ONE ON EACH SIDE) OF THE HANDICAP SPACE WILL BE OF A BLUE COLOR OF A QUALITY EQUIVALENT TO SUPER STRIPE TRAFFIC PAINT SOLD BY FOX VALLY SYSTEMS, INC. OF CARM, ILLINOIS, PHONE 1-800-323-4770 SHALL BE STRIPED ON THE WEARING SURFACE OF EACH SPACE DESIGNED FOR THE HANDICAP PARKING SPACE. ORDINANCE No. 1550.

3. ALL LETTERS IN MIDDLE PORTION OF SIGN ARE 1 1/2\"/>

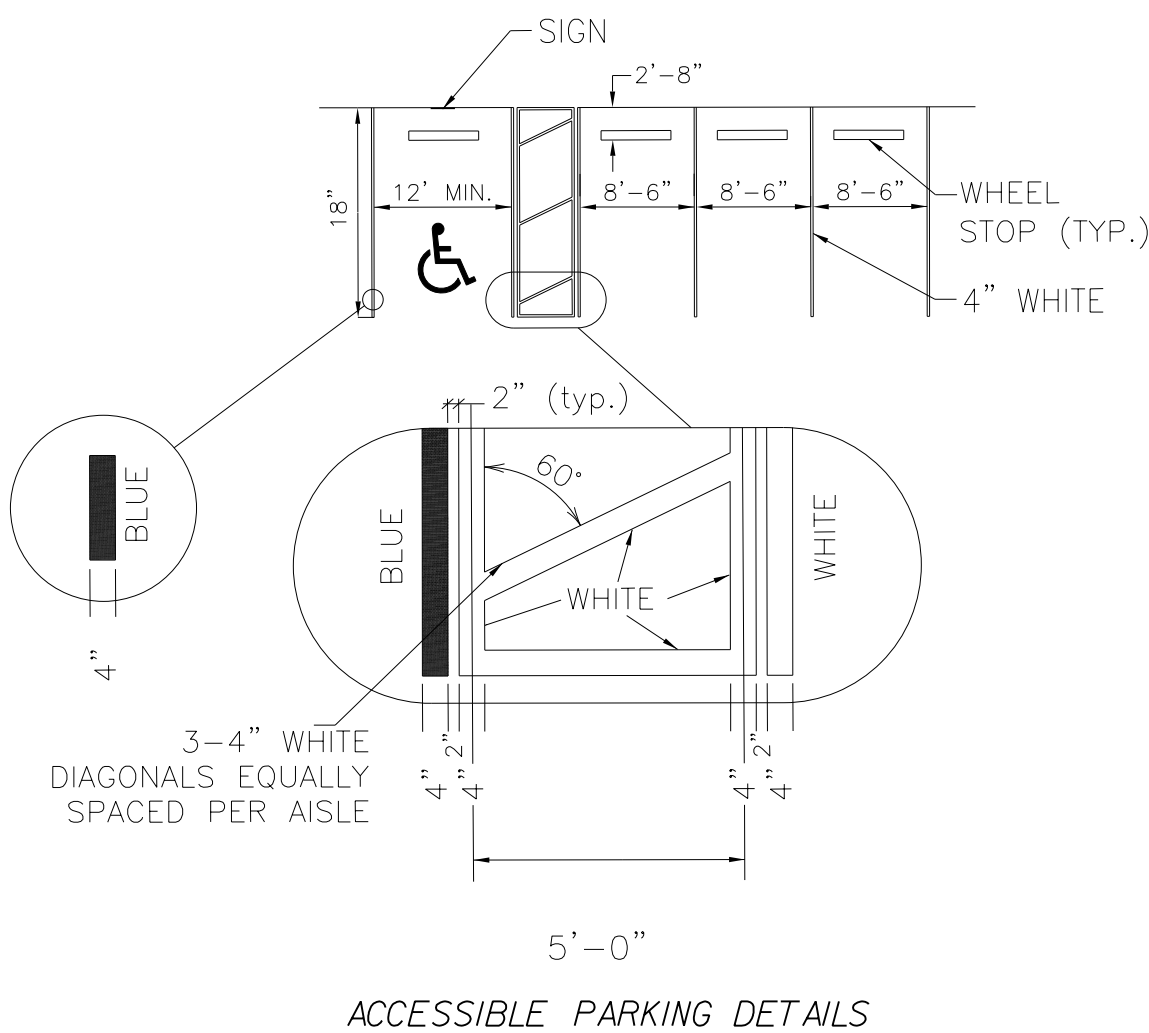
4. ALL LETTERS IN BOTTOM PORTION OF SIGN ARE 1\"/>

5. MINIMUM FINE SHALL BE \$250.00 PER ORDINANCE.

HANDICAP SIGN DETAIL



WHEEL STOP DETAIL

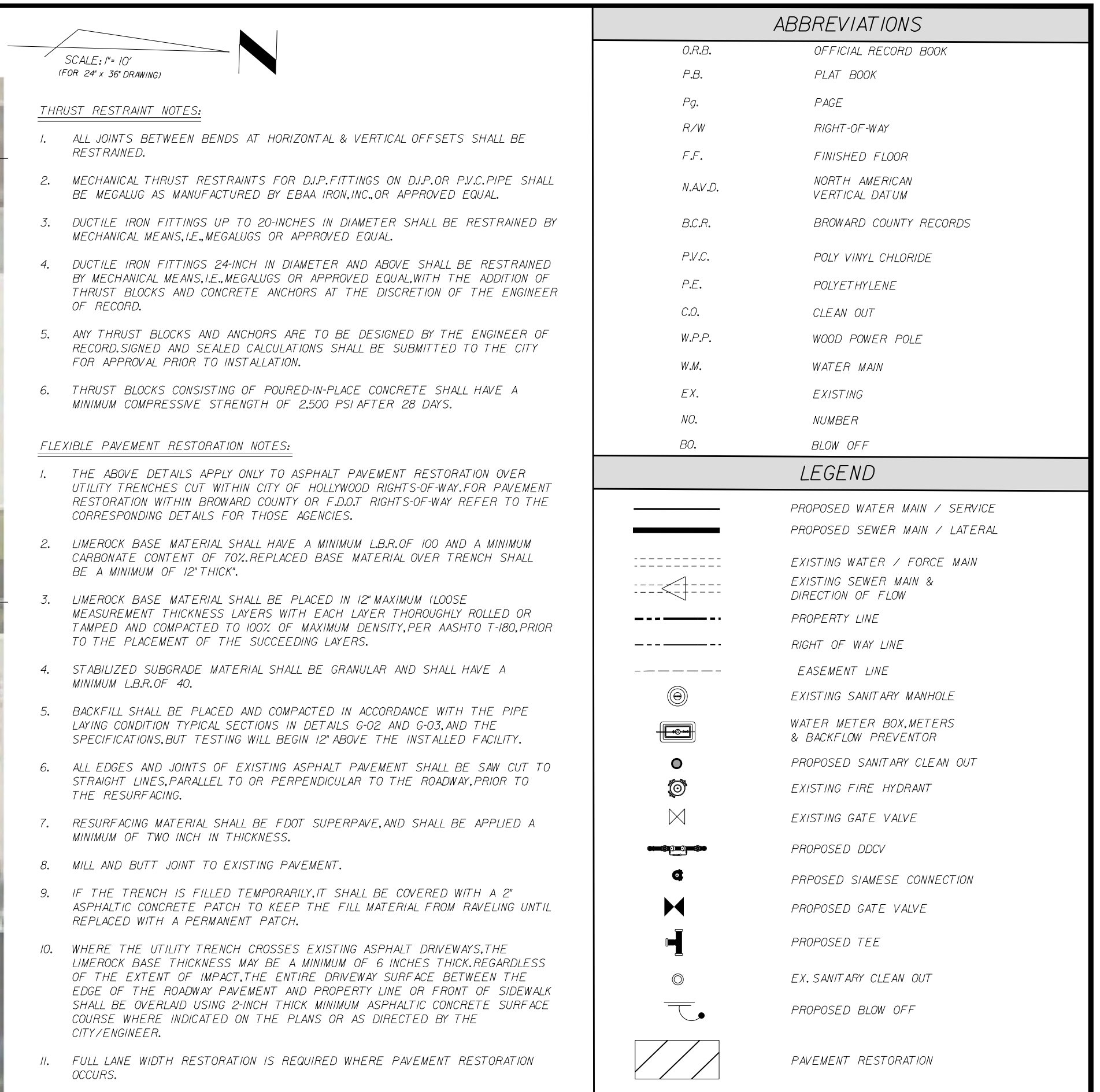


ACCESSIBLE PARKING DETAILS


PAVEMENT MARKING NOTES:

1. PROVIDE AND INSTALL ALL NECESSARY PAVEMENT MARKINGS AND SIGNS IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL STANDARDS, LATEST PUBLISHED VERSION, LATEST BROWARD COUNTY TRAFFIC ENGINEERING & F.D.D.T. STANDARDS, AND THE CITY OF HOLLYWOOD. ALL TRAFFIC SIGNS SHALL BE FULLY REFLECTORIZED. ALL MATERIAL, INSTALLATION, AND LOCATIONS SHALL BE SUBJECT TO REVIEW.
2. ALL PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.
3. ALL SIGNS SHALL BE HIGH INTENSITY.
4. ALL SIDEWALK CURB RAMPS AND ACCESSIBLE ROUTES SHALL BE ADA COMPLIANT AND IN ACCORDANCE WITH F.D.D.T. DESIGN STANDARDS.
5. ALL SIGNAGE SHALL BE IN COMPLIANCE WITH THE ZONING AND LAND DEVELOPMENT REGULATIONS.

PAVEMENT MARKINGS PLAN			
JACKSON STREET MULTIFAMILY AESTHETIC APARTMENTS INC.			
WINNINGHAM & FRADLEY, INC. ENGINEERS • PLANNERS • SURVEYORS 111 N.E. 44th STREET, CLEVELAND, OHIO 44115-2940 TEL: 216.751.1200 FAX: 216.751.1208 www.winningham.com			
DESIGNED: TFM	DATE: 11/2019	APPROVED:	EB-0002995 LB-0002995
DRAWN: WF1	DATE: 11/2019		
CHECKED: WF1	DATE: 02/2020		
PUBLISHED: 7/31/2020, 12:54:46 PM		PROJECT NUMBER: 19042	SHEET: PM1 OF 1



- THE MINIMUM DEPTH OF COVER OVER D.P.SANITARY SEWER GRAVITY OR FORCE MAINS IS 30".THE MINIMUM DEPTH OF COVER OVER PVC SANITARY SEWER OR FORCE MAINS IS 36".
2. 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.
18. MAXIMUM DEFLECTION PER EACH JOINT SHALL BE 50% OF MANUFACTURERS RECOMMENDATION (MAXIMUM)WHERE DEFLECTION IS REQUIRED.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH WATER MAINS PLACED AT MINIMUM COVER,IN CASE OF CONFLICT,WATER MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 18" MINIMUM VERTICAL SEPARATION,NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
20. 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 2X,AND SHALL BE EBAA IRON INCL.WEALUG OR APPROVED EQUAL,JOINT RESTRAINTS SHALL BE PROVIDED AT A MINIMUM OF THREE JOINTS (60 FEET)FROM ANY FITTING.
21. 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.
22. ALL UNDERGROUND FIRE MAIN WORK MUST BE COMPLETED BY A FIRE PROTECTION CONTRACTOR HOLDING A CLASS I,I,II,OR V LICENSE PER F.S.633.02

			 <b>WINNINGHAM &amp; FRADLEY, INC.</b> <b>ENGINEERS • PLANNERS • SURVEYORS</b> 11 N.E. 44th STREET, OAKLAND PARK, FL 33304    954-771-7440    FAX: 954-771-0298 <a href="http://www.winfrad.com">www.winfrad.com</a>		
			DESIGNED: TFM    DATE: 11/1/2019 DRAWN: WFI    DATE: 11/2019 CHECKED: WTV    DATE: 02/20/2020		APPROVED:  EB-0002995 LB-0002995
NO.	REVISIONS	DATE	PUBLISHED: 7/31/2020,12:29/9 PM		PROJECT NUMBER 19042    SHEET WSI OF 3

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

OTHER PIPE	HORIZONTAL SEPARATION	CROSSING (1), (4)	JOINT SPACING @ CROSSING (FULL JOINT CENTERED) (8)
STORM SEWER, STORM WATER FORCE MAIN, RECLAIMED WATER (2)			Alternate 3 ft minimum
GRAVITY SANITARY SEWER, (3) SANITARY SEWER FORCE MAIN, RECLAIMED WATER			Alternate 6 ft minimum
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM	10 ft minimum		

1. WATER MAIN SHOULD CROSS ABOVE OTHER PIPE, WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.

2. RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

3. 3 FT. FOR GRAVITY SANITARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.

4. 18" VERTICAL MINIMUM SEPARATION REQUIRED BY CITY OF HOLLYWOOD, UNLESS OTHERWISE APPROVED.

5. A MINIMUM 6 FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

6. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 10 FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.

7. WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN A PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SANITARY SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).

8. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED.

ISSUED: 03/01/1994  
DRAWN: EAM  
APPROVED: XXX

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL  
SEPARATION REQUIREMENTS OF F.D.E.P.

REVISED: 11/06/2017  
DRAWING NO. G-01.1

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4", 6", 8" BEND-90°	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	16"x16"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHORED	13	1	P.T. 2x4 LUMBER ALL AROUND

NOTES:

1. FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH.

2. ALL PIPING SHALL BE D.I.P. CL 50/52 AS APPLICABLE TO MINIMUM STANDARDS.

3. ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER.

4. PROTECTIVE 4" GALV. GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTOR'S DIRECTIONS.

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: 03/01/1994  
DRAWN: EAM  
APPROVED: XXX

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL  
TYPICAL 4", 6" AND 8" DOUBLE CHECK DETECTOR ASSEMBLY FOR FIRE SPRINKLER SERVICE (90° BENDS)

REVISED: 06/08/2014  
DRAWING NO. W-03

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4", 6", 8" BEND-90°	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	16"x16"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHORED	13	1	P.T. 2x4 LUMBER ALL AROUND

NOTES:

1. FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH.

2. ALL PIPING SHALL BE D.I.P. CL 50/52 AS APPLICABLE TO MINIMUM STANDARDS.

3. ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER.

4. PROTECTIVE 4" GALV. GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTOR'S DIRECTIONS.

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: 03/01/1994  
DRAWN: EAM  
APPROVED: XXX

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL  
TYPICAL 5/8", 1", 1-1/2" AND 2" METER INSTALLATION

REVISED: 11/06/2017  
DRAWING NO. W-06

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4", 6", 8" BEND-90°	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	16"x16"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHORED	13	1	P.T. 2x4 LUMBER ALL AROUND

NOTES:

1. FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH.

2. ALL PIPING SHALL BE D.I.P. CL 50/52 AS APPLICABLE TO MINIMUM STANDARDS.

3. ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER.

4. PROTECTIVE 4" GALV. GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTOR'S DIRECTIONS.

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: 03/01/1994  
DRAWN: EAM  
APPROVED: XXX

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL  
TYPICAL 2-INCH HDPE WATER SERVICE FOR SINGLE/DUAL 5/8" TO 1" METERS, AND ANY SINGLE 1-1/2" TO 2" METERS

REVISED: 11/06/2017  
DRAWING NO. W-09

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4", 6", 8" BEND-90°	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	16"x16"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHORED	13	1	P.T. 2x4 LUMBER ALL AROUND

NOTES:

1. FILLING ASSEMBLY FITTINGS AND EQUIPMENT SHALL BE 2" MAX.

2. SEE DETAIL 'A' FOR FILLING ASSEMBLY.

3. CONNECTION TO BE COMPLETED AFTER SATISFACTORY TEST RESULTS HAVE BEEN OBTAINED.

4. REMOVE TEMPORARY CONNECTION AT CORPORATION STOP ON NEW MAIN AFTER FILLING & FLUSHING HAS BEEN COMPLETED.

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4", 6", 8" BEND-90°	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	16"x16"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHORED	13	1	P.T. 2x4 LUMBER ALL AROUND

NOTES:

1. FILLING ASSEMBLY FITTINGS AND EQUIPMENT SHALL BE 2" MAX.

2. SEE DETAIL 'A' FOR FILLING ASSEMBLY.

3. CONNECTION TO BE COMPLETED AFTER SATISFACTORY TEST RESULTS HAVE BEEN OBTAINED.

4. REMOVE TEMPORARY CONNECTION AT CORPORATION STOP ON NEW MAIN AFTER FILLING & FLUSHING HAS BEEN COMPLETED.

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4", 6", 8" BEND-90°	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	16"x16"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHORED	13	1	P.T. 2x4 LUMBER ALL AROUND

NOTES:

1. FILLING ASSEMBLY FITTINGS AND EQUIPMENT SHALL BE 2" MAX.

2. SEE DETAIL 'A' FOR FILLING ASSEMBLY.

3. CONNECTION TO BE COMPLETED AFTER SATISFACTORY TEST RESULTS HAVE BEEN OBTAINED.

4. REMOVE TEMPORARY CONNECTION AT CORPORATION STOP ON NEW MAIN AFTER FILLING & FLUSHING HAS BEEN COMPLETED.

ISSUED: 03/01/1994  
DRAWN: EAM  
APPROVED: XXX

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL  
FILLING AND FLUSHING DETAILS

REVISED: 06/08/2014  
DRAWING NO. W-15

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4", 6", 8" BEND-90°	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	16"x16"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHORED	13	1	P.T. 2x4 LUMBER ALL AROUND

NOTES:

1. SAMPLING POINT SHALL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED FROM BROWARD COUNTY HEALTH DEPARTMENT.

ISSUED: 03/01/1994  
DRAWN: EAM  
APPROVED: XXX

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL  
SAMPLING POINT DETAIL

REVISED: 06/08/2014  
DRAWING NO. W-16

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4", 6", 8" BEND-90°	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	16"x16"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHORED	13	1	P.T. 2x4 LUMBER ALL AROUND

NOTES:

1. SINGLE SERVICE CONNECTIONS SHALL USE 6 inch 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: 03/01/1994  
DRAWN: EAM  
APPROVED: XXX

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL  
WYE BRANCH CONNECTION

REVISED: 06/08/2014  
DRAWING NO. S-09

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	4", 6", 8" VALVE, DOUBLE CHECK	7	N/A	PEA GRAVEL (4" DEEP)
2	4	4", 6", 8" BEND-90°	8	N/A	PLASTIC LINER/WEED STOP (5 MILS)
3	2	4", 6", 8" D.I.P. SPOOL PIECE	9	4	RESTRAINED JOINTS
3A	1	4", 6", 8" D.I.P. SPOOL PIECE (24" LONG)	10	1	LOW FLOW METER
4	7	4", 6", 8" FLANGE, D.I.P.	11	1	VALVE, BYPASS DOUBLE CHECK
5	2	4", 6", 8" GATE VALVE (SEE NOTE 6)	12	1	16"x16"x16" CONC. SUPPORT
6	1	SCREW JACK/ANCHORED	13	1	P.T. 2x4 LUMBER ALL AROUND

NOTES:

1. SINGLE SERVICE CONNECTIONS SHALL USE 6 inch 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.

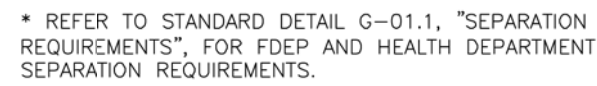
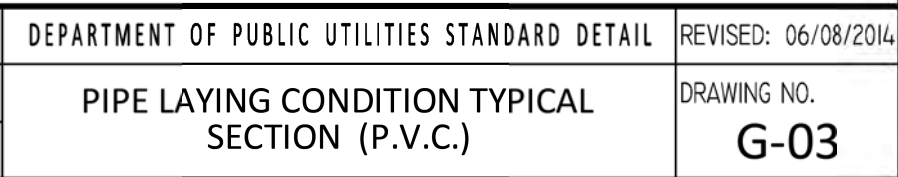
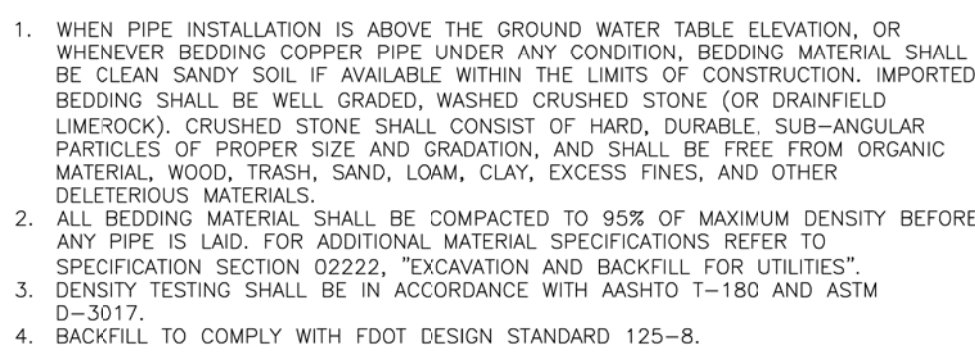
ISSUED: 03/01/1994  
DRAWN: EAM  
APPROVED: XXX

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL  
SEWER SERVICE CONNECTION AND CLEANOUT AT PROPERTY LINE

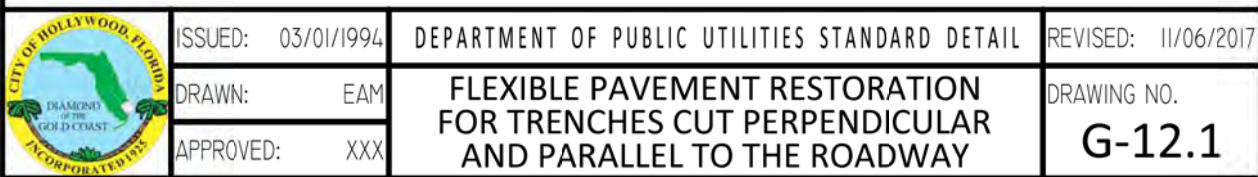
REVISED: 06/08/2014  
DRAWING NO. S-12

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Werner T. Vaughan FL. P.E. 45415  
07/31/2020



\*ALL DIP JOINT-RESTRAINT CALCULATIONS ASSUME THE PIPE WILL BE WRAPPED IN POLYETHYLENE ENCASEMENT



1. FLUSHING LOCATIONS ARE TO BE PROPOSED BY CONTRACTOR AND APPROVED BY CITY.
2. UPON COMPLETION OF THE PIPE INSTALLATION FOR ANY SECTION, THE MAIN SHALL BE CANNON FLUSHED TO REMOVE DIRT AND ANY OTHER FOREIGN MATTER.
3. INSTALL A TEMPORARY 45° BEND AND ASSOCIATED TEMPORARY PIPING AS SHOWN TO DIRECT THE FLUSHING WATER AWAY FROM THE IMMEDIATE WORK AREA AND EXERCISE DUE CARE SO AS TO ENSURE THAT THE WATER USED IN FLUSHING DOES NOT CAUSE A NUISANCE OR INFLECT PROPERTY DAMAGE.
4. BENDS AND PIPING SHALL BE THE SAME SIZE OR LARGER AS THE LINE BEING FLUSHED.
5. PRIOR TO THE ACTUAL LINE FLUSHING OPERATION THE CONTRACTOR SHALL PROPERLY NOTIFY CITY INSPECTOR OF SUCH INTENDED WATER USE.
6. NO EXISTING VALVE SHALL BE OPERATED, EXCEPT BY AUTHORIZED CITY PERSONNEL.
7. FLUSHING SHALL NOT BE ACCOMPLISHED WITHOUT THE ACTUAL PRESENCE OF THE CITY INSPECTOR.
8. AFTER THE LINE UNDER CONSTRUCTION HAS BEEN SUCCESSFULLY FLUSHED, THE CONTRACTOR SHALL REMOVE THE TEMPORARY PIPING ARRANGEMENT AND PROCEED WITH THE REMAINING CONSTRUCTION AS SPECIFIED.
9. ALL PIPING SHALL BE MECHANICALLY RESTRAINED IN ACCORDANCE WITH CITY STANDARDS.
10. IF REQUIRED BY CITY, WATER MAINS SHALL BE CLEANED BY PIGGING.
11. CONTRACTOR WILL INSTALL A PRESSURE GAUGE AT OR NEAR THE FILL AND FLUSH LOCATION AND MAINTAIN A MINIMUM PRESSURE OF 40 PSI AT ALL TIMES. THE FILL VALVE WILL BE OPENED AND CLOSED SLOWLY TO AVOID RAPID PRESSURE CHANGES IN THE WATER SYSTEM.
12. CONTRACTOR IS CAUTIONED THAT GOVERNING AGENCIES OR UTILITIES MAY HAVE REGULATIONS LIMITING OR PROHIBITING DISCHARGE INTO SEWERS, SURFACE WATERS, CANALS, DITCHES AND OTHER CONVEYANCES/RETENTION AREA. ALL COMPLIANCE WITH GOVERNING AGENCIES REQUIREMENTS (INCLUDING PERMITTING, IF REQUIRED) IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
13. CANNON FLUSHING TO PROCEED AFTER HEALTH DEPARTMENT CLEARANCE IS RECEIVED.



Werner T. Vaughan FL. P.E. 45415  
07/31/2020



LEGEND	
	ASPHALT RESTORATION
	EXISTING PAVEMENT
	EXISTING WATER MAIN
	EXISTING CURB
	EXISTING CURB & GUTTER
	EXISTING GAS MAIN
	PROPERTY LINE
	RIGHT OF WAY LINE
	EASEMENT LINE
	EXISTING FENCING
	EXISTING WATER MAIN
	EXISTING GRADE
	TEE
	GATE VALVE
	BLOW OFF
	FIRE HYDRANT
	WATER METER BOX
	DOOR

DESIGNED: TPM		DATE: 02/2020	APPROVED:		EB-0002995
DRAWN: TPM		DATE: 02/2020			LB-0002995
CHECKED: WTV		DATE: 02/2020			
PUBLISHED: 7/31/2020, 12:40:05 PM			PROJECT NUMBER		19042
			SHEET		051 OF 1