

PLANNING DIVISION



File No. (internal use only): _____

GENERAL APPLICATION

2600 Hollywood Boulevard Room 315
Hollywood, FL 33022



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: _____

Location Address: 5900 Washington Street
Lot(s): 1, 2, and 3 Block(s): 1 Subdivision: West Hollywood Villas
Folio Number(s): 5141 24 15 0010

Zoning Classification: C-4 Land Use Classification: Commercial
Existing Property Use: Automotive Sales Sq Ft/Number of Units: 22,539

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): _____

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

Explanation of Request: To demolish the existing Automotive Sales Facility and construct a 22,539 SF Caliber Collision Auto Body Repair.

Number of units/rooms: 1 Sq Ft: 22,539

Value of Improvement: \$1,000,000 Estimated Date of Completion: 03/01/18

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

Name of Current Property Owner: VRD AT HOLLYWOOD LLC

Address of Property Owner: 8001 LBJ Freeway STE 400 Dallas, TX 75251

Telephone: _____ Fax: _____ Email Address: _____

Name of Consultant/Representative/Tenant (circle one): Bill Pfeffer, P.E.

Address: 401 E. Las Olas Blvd, Suite 1400 Fort Lauderdale, FL 33301 Telephone: (954) 712-7482

Fax: _____ Email Address: bpfeffer@bowmanconsulting.com

Date of Purchase: _____ 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



File No. (internal use only): _____

2600 Hollywood Boulevard Room 315
Hollywood, FL 33022

GENERAL APPLICATION

CERTIFICATION OF COMPLIANCE WITH APPLICABLE REGULATIONS

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

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

Signature of Current Owner: _____ Date: _____

PRINT NAME: _____ Date: _____

Signature of Consultant/Representative: _____ Date: 4/3/17

PRINT NAME: Bill Pfeffer, P.E. _____ Date: _____

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 _____ day of _____

Signature of Current Owner

Notary Public
State of Florida

Print Name

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

March 29, 2017

LETTER OF AUTHORIZATION

RE: Proposed – Caliber Collision
5900 Washington Street
Hollywood, FL 33023

TO WHOM IT MAY CONCERN:

Please be advised by this correspondence that Bowman Consulting Group, Ltd. is authorized to act as Agent/Applicant on behalf of Victory Development for the purpose of making application submittals for permits and negotiating conditions for the above referenced project.

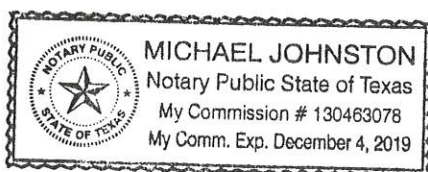


Signature

Tim Kraftson
VRG @ Hollywood, LLC
8001 LBJ Freeway, Suite 400, Dallas, TX 75251

STATE OF TEXAS
COUNTY OF DALLAS

Sworn to and subscribed before me, the undersigned Notary Public, this 29th day of March, 2017.





Notary Public

Michael Johnston

Printed Name

April 3, 2017

City of Hollywood – Planning Division
2600 Hollywood Boulevard, Room 315
Hollywood, FL 33022
(954) 921-3471

RE: Caliber Collision – 5900 Washington Street, Hollywood, Florida
General Application – Preliminary Technical Advisory Committee (TAC)

The purpose of this letter is to accompany the Applications for the above referenced commercial project. The project is located at 5900 Washington Street in Hollywood, Florida. The Parcel ID number is 514124150010.

The project will consist of demolishing the existing Auto Sales facility and the construction of a $\pm 22,539$ s.f. Caliber Collision auto body repair center with accessory paint use. Two driveway access points are proposed off of Washington Street with two-way vehicular circulation throughout the parking field. The use will be buffered on the west and south side of the building with a 5' landscape buffer. Washington Street will be considered the property frontage with accommodations being made to pedestrian access, building orientation, and the shielding of rollup doors from the view of the public right-of-way. Vehicle storage will take place within the building envelope, with additional storage being provided in the parking spaces at the interior of the site to provide screening from the public right-of-way. The project shall obtain LEED Certification.

Please find enclosed the following items for your review:

- General Application Application
- Application Fee - Check
- Ownership & Encumbrance Report
- Design Plan Set (1 Original & 20 Copies)

If you have any questions or require additional information, please do not hesitate to contact me at our Ft. Lauderdale office, (954) 712-7482.

Sincerely,



Bill Pfeffer, PE | VP/Branch Manager
Bowman Consulting

401 E. Las Olas Blvd. Suite 1400, Ft. Lauderdale, FL 33301
Office: 954-712-7482 | mobile: 772.341.6223
bpfeffer@bowmanconsulting.com | bowmanconsulting.com |

April 3, 2017

Department of Development Services
2600 Hollywood Blvd.
Hollywood, Florida 33022

RE: Caliber Collision
5900 Washington Street

We respectfully submit the following responses to your comments:

Application Submittals – Arceli Redila

1. Property Owner/Applicant on application form is not the owner listed on Broward County Property Appraiser and O&E report. Provide documents demonstrating application is signed by all authorized and applicable parties.

Response: Please see enclosed Application and backup documentation on CD. The application is now signed by all authorized and applicable parties.

2. Provide Platting Determination letter from the Broward County Planning Council

Response: Please see enclosed Platting Determination Letter from Broward County.

3. Ownership & Encumbrance (O&E) Report:
 - a. Shall indicate it was searched from 1953 or time of platting whichever is earliest.
 - b. The ownership component of the report should indicate the ownership history of the property, in addition to the most recent owner.
 - c. The encumbrance component of the report should indicate all dedications, easements, right-of-ways, etc., which are recorded with the County that would limit the use of the property.
 - d. Provide hard copies of all recorded and unrecorded encumbrances (with O.R. or plat book(s) and page number(s) provided) lying within/on the property boundaries (i.e. easements, rights-of-way, non-vehicular access lines, etc.)
 - e. Include listing and hard copy of any type of encumbrance which abuts the property's boundary and is necessary for legal access to the property, and if there are none, it shall state so;
 - f. Work with the Engineering Division to ensure the Survey is accurate and all easements and dedications are indicated.

Response: Please see enclosed O&E Report and backup documentation addressing the items above.

4. Cover Sheet: Indicate current and future meeting dates (not submittal dates) on Cover Sheet and Title Block.

Response: Current and Future Meeting Dates have been denoted on the Cover Sheet and Title Block.

5. Include the follow on Site Data:
 - a. Pervious requirement is 25% of the vehicular use area;
 - b. Shall include parking lot setback as per Section 4.22.I.2.

Response: Please see Site Data Table on the Site Plan (Sheet C2) denoted the provided pervious area within the vehicle use area. Parking lot setbacks have been revised to adhere to Section 4.22.I.2.

6. Provide demolition Plan

Response: Please see enclosed Demolition Plan.

7. Provide details of all regulatory signage and pavement markings. Work with the Engineering Division to ensure signage provided will adequately serve proposed circulation.

Response: Please see provided details of all regulatory signage and pavement markings.

8. Staff encourages Applicant to meet with surrounding civic associations prior to submitting for any Boards. Provide update with next submittal.

Response: A meeting with the surrounding H.O.A.'s is being scheduled and will take place prior to public hearing.

9. Provide written responses to all comments with next submittal.

Response: Noted.

Zoning – Arceli Redila

1. The remaining portion of site and existing use shall remain in compliance with all applicable codes. Indicate compliance in relation to parking, pervious areas, etc. for the other portion of the site on Site Data.

Response: The existing Bank of America portion of the site will remain in compliance with all applicable codes.

2. Any Development which has parking in any yard that faces a street shall provide an opaque 4ft high concrete wall set back three feet from and parallel to the street right-of-way line OR a screening hedge with a 100 percent irrigation system. If the wall is selected, it shall also include a screening hedge in the setback area.

Response: A screening hedge with 100% irrigation and black vinyl coated chain link fence will be provided to screen any yard that faces a street. Please see attached landscape plan.

3. Wall/Fencing. Long walls should be designed to break-up their linear form through the use of recesses, alternating the location of the footings. The placement of pilasters, stucco banding, decorative caps and similar types of treatments on the wall is encourage. Landscaping shall be placed between the wall and any lot line when adjacent to a right-of-way.

Response: As discussed at Preliminary TAC Meeting a screening hedge with 100% irrigation and black vinyl coated chain link fence will be provided to screen any yard that faces a street. Please see attached landscape plan.

4. All terminal islands shall be a minimum of 190 square feet of pervious area and have a length equal to that of the adjacent parking stall. Indicate area of terminal islands on Site Plan

Response: All provided terminal islands are 190 square feet or greater. Please see Site Plan, sheet C2 for terminal island dimensions.

5. 25% of the total square footage of the paved Vehicular Use Area shall be landscaped. Required landscaping of paved Vehicular use Area shall not include required parking lot setbacks, buffers, or parking overhands. Please show calculations.
 - a. Provide a breakdown calculation of pervious and impervious areas, including impervious surfaces, required landscape, setbacks, buffers, and parking overhangs.
 - b. Delineate, label, and dimension such areas on Site Plan and Landscape Plan.

Response: Please Site Plan, sheet C2, for area breakdown of pervious and impervious areas, including impervious surfaces, required landscape, setbacks, buffers and parking overhangs. All dimensions have been labeled on Site Plan and Landscape Plan.

6. Parking stall shall be 8.5 x 19 feet long or 17 feet with a 2 foot grass overhang, for the parking spaces located in middle, convert the 2 foot car overhand to a combined 4 foot raised landscape median island

Response: Provided parking stalls are 17 feet deep with 2 foot grass overhang.

7. For the parking spaces on the east side, eliminate wheel stops, continue the curbing and include the 2 foot car overhang in the landscape area.

Response: All wheel stops have been eliminated on site. Curbing surrounds the lot with a 2-foot overhang into landscape area.

8. Project is required to install electric vehicle charging station infrastructure, please see Ordinance O-2016-02

Response: Electric vehicle charging station infrastructure has been provided per Ordinance O-2016-02.

9. Indicate location of mechanical equipment, Include Roof Plan if located on the roof. If not, include note on Site Plan stating that all mechanical equipment shall be properly screened from public view.

Response: Please see enclosed Roof Plan, showing location of mechanical equipment.

Architecture and Urban Design – Arceli Redila

1. Given the property's location, within the Transit Oriented Corridor District (TOC), the project should incorporate elements that promote the pedestrian/transit oriented character of the district. Urban design methods-such as, well defined street front with building placed adjacent to the streets; pedestrian and transit oriented amenities; ample landscaping in relation with an interconnected walkway system; etc. should be used to achieve the purpose of the district.

Response: The site has been designed to provide pedestrian access and building frontage to Washington Street. Street trees have been provided to enhance the pedestrian experience and prevent vehicles from parking in the swale.

2. Consider providing a different material (e.g. pavers, stamped concrete) for the pedestrian walkway to reinforce the connection.

Response: Pavers have been provided within the pedestrian walkway to reinforce the connection.

3. Consider using paving material with high albedo to limit absorption of sunlight and reduce urban heat island effect or consider using permeable paving material which reduces runoff and increases water penetration.

Response: Applicant is considering the use of concrete pavement with high albedo to reduce absorption of sunlight and reduce heat island effect.

4. Continue or extend the parapet to screen the mechanical equipment on the roof.

Response: Parapet has been extended to screen the mechanical equipment on the roof.

5. All renderings shall reflect actual proposed landscape material. Work with the City's Landscape Architect to ensure species proposed are appropriate.

Response: Rendering will be updated to reflect actual proposed landscape material.

Architect – Terrence Comiskey

1. Sheet A1.0: The Women's Restroom appears to be too small. At least 50% of the customers will be women. What about the number of employees?

Response: The building code projects that there will be 32 people in the office area and 103 people in the shop area. Code required toilet fixtures based on half being men and the other half being women. This requires 2 commodes (urinals count as commodes) and 1 lavatory for each gender. The requirement for men is more than satisfied by the large toilet off the shop. We have 2 smaller toilets in the office area. One is marked women and one is marked as a family/assisted toilet. Code allows the family toilet fixtures to satisfy the required women's fixture count. Therefore the building code is satisfied as shown.

2. Sheet A1.0: Is that a shower or a mop sink out in the Service Area?

Response: That is a mop sink in the Service Area.

3. Sheet A1.0: I only see one floor drain the Detail Bay. What about the rest of the Service Area?

Response: We are showing only one floor drain in the Detail Bay. There are no drains indicated in the service bays or drive aisles. The Detail Bay is the only place where cars are washed.

4. Sheet A1.0: Are the Paint Booths mechanically exhausted?

Response: The two down flow paint booths both have a 34" diameter exhaust and 34" fresh air supply through the roof with terminations. The prep booth has 34" diameter exhaust and supply air vents through the roof with their terminations. The mix room has a 10" exhaust through the roof. All of the roof top equipment is to be hidden behind a fascia.

5. No roof plan was included for review

Response: A roof plan has been provided.

6. Sheet A2.0: What is the “Roof Screen” constructed of?

Response: The city was going to require the roof top mechanical equipment, ventilation fans, ventilation intakes, and paint booth duct terminations to be screened. The screening on the roof was going to be very complex and chopped up. We have elected to extend the fascias to screen the roof top equipment. This should be much better looking and offer fewer roof penetrations which will make for a much tighter roof.

Signage – Arceli Redila

1. Refer to Sign Regulations, Article 8 of the Zoning and Land Development Regulations. No signs have been reviewed at this time. For review, full signage package shall be provided, including signage details, signs illustrated on Elevations, dimensions on Site Plan, Etc.

Response: A full signage package will be provided, including signage details, signs illustrated on Elevations, and dimensions on Site Plan.

2. All signs, which are electrically illuminated by neon or other means, shall require a separate electrical permit and inspection. Separate permits are required for each sign.

Response: Noted.

Lighting – Arceli Redila

1. Include note on Site Plan stating lighting levels will not exceed 0.5 foot-candles at any property lines adjacent to residential development.

Response: Please see note on Site Plan (Sheet C2) stating lighting levels will not exceed 0.5 foot-candles at any property lines adjacent to residential development.

Green Building – Arceli Redila

1. Project requires Green Building Certification. Work with Building Department to ensure compliance. Submittal shall indicate compliance with Green Building Ordinance. Indicate on Site Plan Green Building certification path intended for the project.

Response: The project will obtain LEED Certification, in compliance with Green Building Ordinance.

2. Provide copies of appropriate/preferred green building registration with next submittal.

Response: Copies of LEED Certification registration will be provided.

Environmental Sustainability – Lindsey Nieratka

1. List the green building features of the project. When selecting the credits you will aim to achieve through your chosen certification. USGBC LEED/ FGBC/ Green Globes, consider credits related to the following:
 - a. Improving energy efficiency relative to the Florida Building Code
 - b. Using Energy Star rated materials for roofing – “cool roof”
 - c. External lights should be energy efficient and fully shielded in compliance with the International Dark Skies Association
 - d. Water efficient fixtures
 - e. Closed-loop greywater systems
 - f. Use Low Impact Development (LID) designs to store and treat storm water
 - g. Diversion of construction and demolition waste away from the landfill
 - h. Use of sustainable building material (e.g. material with recycled content, third party sustainable labels.)
 - i. Include long and short term bike storage.

Response: The project will be LEED Certified.

2. Design the service air to maximize natural ventilation and daylighting where possible to reduce the need for energy use on lights and fans.

Response: Service Air will be designed to maximize natural ventilation.

Utilities – James Rusnak & Wilford Zephyr

Water & Sewer

1. Plans show new sewer connection on Washington Street. City atlas shows an existing lateral. Add note for the contractor to field locate the existing lateral. If the lateral is a minimum 6” lateral, and is in good condition, connect project’s sewer lateral to existing. Install cleanout at the property line if one is not existing.

Response: Note has been added for contractor to field locate existing lateral.

2. Phase shown new water and fire service connections to the existing 16” water main on Washington Street. That water main is a transmission main. Revise to show water and fire service connections from water main on Dewey Street. Verify there’s sufficient flow fire suppression system design.

Response: New water and fire service connections have been shown on Dewey Street.

Drainage

1. Consider connecting the exfiltration trench system to the proposed onsite retention areas

Response: The exfiltration trench system has been connected to onsite retention area.

2. Provide drainage calculations

Response: Please see attached Stormwater Management Report.

3. NPDES – Over 1 acre : The construction activity on the site is regulated and required to obtain the NPDES Construction Generic Permit (GCP) from DEP. Failure to obtain permit coverage and/or maintain job site erosion and sedimentation control in accordance with permit conditions and applicable regulations may result in fines up to \$27,500.00 per day. Prior to issuance of building permit a Storm water Pollution Prevention Plan (SWPPP) shall be required and CGP Notice of Intent (NOI) must be submitted to DEP. SWPPP must be maintained at the job site at all times until the project is terminated and Notice of Termination (NOT) filed with DEP. The SWPPP shall contain detailed descriptions of structures, procedures, contact names and/or control measures designed to reduce sediment and storm water runoff.

Construction sites and operations shall be required to maintain during and after all construction, development, excavation, dewatering, and/or alteration operations, structural and non-structural Best Management Practices (BPM's) with the intent to reduce pollutant and sediment in storm water runoff.

Response: Noted.

Engineering – Luis Lopez & Clarissa Ip

1. Provide civil plans for the proposed work. Provide and indicate items such as but not limited, curbing, all vehicle turning radii, sight triangles, pavement marking and signage plans and details.

Response: All requested items have been indicated on plans.

2. For utility work within City rights-of-ways, show area of pavement restoration and include City restoration detail. Full lane or road width pavement restoration is required, length of road restoration equal to width.

Response: Areas of pavement restoration within the City rights-of-ways has been shown on plans.

3. Extend sidewalk flush thru driveway, 6" at driveways, Washington Street.

Response: Proposed sidewalk has been extended through access driveways.

4. Remove proposed Type D curbing at Washington St. adjacent to travel lane,

Response: Type D curbing at Washing Street adjacent to travel lane has been removed.

5. Indicate parking stall angle and dimension at existing parking on the west side of the new building to remain, provide adequate driveway width as per City standards.; show dimension for egress driveway at said angle parking drive lane at Dewey St.

Response: Existing parking stall angle and dimension on the west side of new building has been denoted to remain.

6. Sheet C1, twelve or more continuous parking stalls requires as landscape island

Response: Noted. Strips of parking no greater than twelve, have been provided.

7. Remove all driveway apron and other asphalt from swale area along property in Dewey St, resod and provide street trees as per code.

Response: Note has been added stating to remove all driveway apron and asphalt from swale area and to resod per code.

8. All outside agency permits must be obtained prior to issuance of building permit

Response: Noted.

9. More comments may follow upon review of the requested information.

Response: Noted.

Fire – Janet Washburn

1. Water supply for firefighting purposes shall meet the fire flow requirements found in NFPA 1, chapter 18.4. In order to determine this, a hydrant flow test must be scheduled through underground utilities as 954-921-3046. After test is completed, show the calculations on the plan meeting the requirement of 18.4. If new hydrants are required, show them on the plan. Unable to locate any new or existing hydrants on pg. C-3

Response: Plan has been revised per your request.

2. Provide a note on pg. C-3 that underground fire main work will be completed by a contractor holding a Class I, II, or V license per FS 633.102.

Response: A note has been added.

3. Shown on the plan the width of fire dept. access drive to and around the building. Minimum width is 20' per NFPA 1, 18.2.3.4.1.1.

Response: 20' Fire Access lane has been denoted on Site Plan.

4. Fire must be able to reach the front of the building by minimum 50' per NFPA 1, 18.2.3.2.1.

Response: Noted.

Community Development – Clay Milan

1. Sheet C1: Replace all chain link fence with decorative fence, to include appropriate screening gates. Provide hose bib at dumpster enclosure.

Response: All fence sections that are not screened by a hedge will be decorative.

2. Sheet A1.0; What type of activity occurs in “bull pen”? What is the item immediately inside the door to the left? The label is unreadable.

Response: Insurance agent temporary office space.

3. Meet with Washington Park Homeowner's Association. Meeting held 2nd Tuesday of the month at 7:00 PM, Washington Park Community Center, 5199 Pembroke Road. Nadine McCrea, President, nadinemccrea@bellsouth.net

Response: Meetings with all appropriate Homeowner's Associations will be conducted before public hearing.

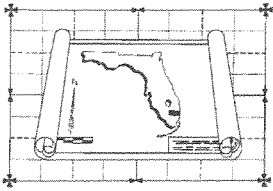
If you have any questions or require additional information, please do not hesitate to contact me at our Ft. Lauderdale office, (954) 712-7482.

Sincerely,



**Bill Pfeffer, PE | VP/Branch Manager
Bowman Consulting**

401 E. Las Olas Blvd. Suite 1400, Ft. Lauderdale, FL 33301
Office: 954-712-7482 | mobile: 772.341.6223



BROWARD COUNTY PLANNING COUNCIL

115 South Andrews Avenue, Room 307 ■ Fort Lauderdale, Florida 33301 ■ Phone: 954.357.6695

August 31, 2016

Bill Pfeffer, P.E.
Bowman Consulting Group, Ltd.
401 East Las Olas Boulevard, Suite 1400
Fort Lauderdale, Florida 33301

Dear Mr. Pfeffer:

Re: Platting requirements for a parcel legally described as Lots 1, 2 and 3, less the East 100 feet of Lot 3, Block 1, "West Hollywood Villas," according to the Plat thereof, as recorded in Plat Book 30, Page 47, of the Public Records of Broward County, Florida; together with a portion of Lots 1 and 2, Block 1, "Redfield Acres," according to the Plat thereof, as recorded in Plat Book 16, Page 58, of the Public Records of Broward County, Florida. This parcel is generally located on the east side of State Road 7, between Washington Street and Dewey Street, in the City of Hollywood.

This letter is in response to your correspondence regarding the Broward County Land Use Plan's platting requirements for the proposed subdivision of the above referenced parcel.


You have indicated that the proposal is to create two (2) separate parcels from the above referenced parcel. Based on the information you provided, Planning Council staff has determined that replatting would not be required by Section D.2., Chapter IV, of the Broward County Land Use Plan, since the referenced subdivision would not constitute the construction of a new "principal building."

Some jurisdictions may be more restrictive and require platting in more situations than the Broward County Land Use Plan. The City of Hollywood's platting requirements should be investigated.

The contents of this letter are not a judgment as to whether this development proposal complies with the Broward County Trafficways Plan, permitted uses and densities, local zoning, the land development regulations of the municipality or the development review requirements of the Broward County Land Use Plan, including concurrency requirements.

If you have any additional questions regarding the Broward County Land Use Plan's platting requirements, please contact Robert Modys, Planner, at your convenience.

Respectfully,


Barbara Blake Boy
Executive Director

BBB:RECM

cc: Wazir Ishmael, City Manager
City of Hollywood

Tom Barnett, Director, Development Services
City of Hollywood

Project Information

Existing Conditions

The property is located at 5950 Washington Street in the City of Hollywood. The site is currently a used auto dealership consisting of $\pm 4,910$ s.f. of building area, a parking for vehicle display and customer parking, and minimal landscape area. There is no current environmental resource permit or any available information regarding the onsite stormwater system. Based on survey information and site inspections, it is assumed the site uses a series of inlets and exfiltration trench for onsite retention.

Proposed Improvements

The proposed site improvements consist of complete demolition of the existing site and construction of a $\pm 22,539$ s.f. Caliber Collision Auto Body Repair Center with a new stormwater retention system with the use of inlets, exfiltration trench and above ground dry retention area. The proposed stormwater management system will provide the required water quality treatment volume of 2.5 inches times the percent impervious over the project site in the proposed exfiltration trench system.

Water Table

Based on information provided in the Geotechnical Report and the Broward County Water Tables maps, the seasonal high water table elevation has been estimated at ± 0.5 feet NGVD.

Flood Elevations

According to the Broward County 100-Year Flood Maps, the subject property has a 100-Year flood elevation of 8.5' NAVD. The attached Cascade stormwater calculations show a 100-Year max stage elevation of 8.95' NAVD. The building finish floor elevation has been set at elevation 10.0' NAVD to meet the 12" freeboard requirement.

Land Use Calculations

Existing Conditions

Area Description	Square Feet	Acreage	%
Building / Sidewalk / Paving	69,177	1.59	79
Grass / Open Area	18,390	0.42	21
Total Area	87,567	2.01	100

Proposed Conditions

Area Description	Square Feet	Acreage	%
Building / Sidewalk / Paving	61,191	1.40	70
Grass / Open Area	26,376	0.61	30
Total Area	87,567	2.01	100

METHODOLOGY

Dry Pre-treatment

Per South Florida Water Management District design criteria, dry pre-treatment is required for 0.5 inches times the entire project area ($0.5'' \times 2.05\text{-acres} / 12 = 0.09 \text{ ac-ft}$). The required dry pre-treatment volume of 0.09 ac-ft will be met within the proposed exfiltration trench (0.23 ac-ft) and dry retention area onsite (0.66 ac-ft), providing a total storage volume of 0.89 ac-ft.

Dry Pre-Treatment Required = 0.09 ac-ft

Dry Pre-Treatment Provided = 0.89 ac-ft

Water Quality

Per South Florida Water Management District design criteria, water quality treatment is required for 2.5-inches times the imperviousness of the site ($70\% \times 2.5'' \times 2.01\text{-acres}/12 = 0.29 \text{ ac-ft}$). The required water quality volume of 0.29 ac-ft will be met in the proposed exfiltration (0.23 ac-ft) trench and dry retention area (0.66 ac-ft), which provides 0.89 ac-ft. of storage.

Water Quality Treatment Required = 0.29 ac-ft

Water Quality Treatment Provided = 0.89 ac-ft

Stormwater Attenuation

The stormwater system has been designed to contain the 25-Year, 3-Day storm event onsite with zero offsite discharge. Appendix A contains the Exfiltration Trench Design Calculations, which yields 0.23 ac-ft of storage volume for the maximum allowable 3.28" of rainfall, per the South Florida Water Management District Design Manual. Additional onsite storage is being provided in the above ground dry retention area, which yields 0.66 ac-ft of storage volume. Appendix B contains the Cascade models for both the 25-Year, 3-Day and 100-Year, 1-Day storm events. The stage storage information in the Cascade models account for the exfiltration trench storage volume of 0.23 ac-ft from elevations 0.5' to 4.0'. The 0.66 ac-ft is added from elevation 4.0' to 8.0'. The remaining storage volume is provided in the parking area from elevation 8.0' to 9.0'. Additionally, the 100-Year, 1-Day storm event was model to demonstrate the building's finish floor elevation of 10.0' is above the max 100-Year stage

SFWMD Rainfall Used for Modeling Purposes

Storm Event	Rainfall (Inches)
25-year, 3-day	13
100-year, 1-day	14

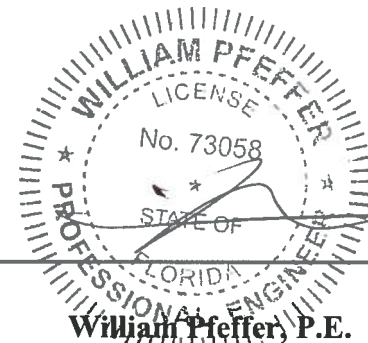
Maximum Stage

Storm Event	Elevation (NGVD)
25-year - 3-day	8.80'
*100-year – 3day	8.96'

**100 - year – 1 day Event has been modeled as a zero discharge condition.*

Conclusion

In summary, the proposed stormwater improvements will meet the South Florida Water Management District's criteria for dry-pretreatment, water quality treatment, and has been sized to contain the 25-Year, 3-Day storm onsite with zero discharge. The building finish floor elevation has been placed above the 100-Year, 1-Day storm event.



William Pfeffer, P.E.

Florida License No. 73058

Bowman Consulting Group, LTD.

Board of Professional Engineers –

Certificate of Authorization No. 5139

Cascade Model

Project Name: Caliber Collision

Reviewer: B.P.

Project Number: 010430-01-002

Period Begin: Mar 31, 2017;0000 hr End: Apr 04, 2017;0000 hr Duration: 96 hr

Time Step: 0.2 hr, Iterations: 10

Basin 1: Caliber Site Area

Method: Santa Barbara Unit Hydrograph

Rainfall Distribution: SFWMD - 3day

Design Frequency: 25 year

3 Day Rainfall: 13 inches

Area: 2.05 acres

Ground Storage: 2.65 inches

Time of Concentration: 0.25 hours

Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
0.50	0.00
4.00	0.23
8.00	0.89
9.00	1.97
10.00	4.12

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
Caliber Site A	8.80	74.20	0.50	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Caliber Site A	8.80	74.20	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Caliber Site A	1.76	0.00	0.00	0.00	1.76	0.00

Project Name: Caliber Collision

Reviewer: B.P.

Project Number: 010430-01-002

Period Begin: Mar 31, 2017;0000 hr End: Apr 04, 2017;0000 hr Duration: 96 hr

Time Step: 0.2 hr, Iterations: 10

Basin 1: Caliber Site Area

Method: Santa Barbara Unit Hydrograph

Rainfall Distribution: SFWMD - 24 hr

Design Frequency: 100 year

1 Day Rainfall: 14 inches

Area: 2.05 acres

Ground Storage: 2.65 inches

Time of Concentration: 0.25 hours

Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
0.50	0.00
4.00	0.23
8.00	0.89
9.00	1.97
10.00	4.12

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Caliber Site A	8.96	26.40	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Caliber Site A	1.92	0.00	0.00	0.00	1.92	0.00

Exfiltration Trench Calculations

EXFILTRATION TRENCH DESIGN CALCULATIONS

for Caliber Collision

RUNOFF

Area	=	87567	sf
CN	=	79	
S	=	(1000/CN)-10	
S	=	2.6582278	
P	=	3.28	in
Runoff	=	$\frac{(P-0.2S)^2}{(P+0.8S)}$	
Runoff	=	1.40	in
	=	10195	cf

RETENTION PROVIDED

Exfiltration

K_1	=	0.000190	cfs/sq ft - ft head
K_2	=	0.000190	cfs/sq ft - ft head
K_3	=	0.000190	cfs/sq ft - ft head

$K_{avg} = 0.000190$ cfs/sq ft - ft head

$$L = \frac{V}{(K * (H_2 * W + 2 * H_2 * D_u - D_u^2 + 2 * H_2 * D_s)) + ((1.39 \times 10^{-4}) * (W * D_u))}$$

$$V = L * (K * (H_2 * W + 2 * H_2 * D_u - D_u^2 + 2 * H_2 * D_s)) + ((1.39 \times 10^{-4}) * (W * D_u))$$

V	=		=	0.23	ac-ft
			=	10195	cf
			=	2.81	ac-in
W	=	Trench Width	=	6	feet
K	=	Hydraulic Conductivity	=	0.000190	cfs/sq ft - ft head
H_2	=	Depth to Water Table	=	6.00	feet
D_u	=	Non-saturated trench depth	=	4.00	feet
D_s	=	Saturated Trench Depth	=	4.00	feet

Length of Trench Required, L	=	111	ft
------------------------------	---	-----	----

SUMMARY

193 LF of exfiltration trench has been provided, however, only 111 LF and 0.23 ac-ft of storage volume has been accounted for in the Cascade Model.

FINAL TAC SUBMITTAL 4/3/2017

FOR

CALIBER COLLISION

UTILITY SERVICE PROVIDERS

Water
City of Hollywood
2600 Hollywood Blvd.
Hollywood, FL 33020
(954) 967-4357

Sewer
City of Hollywood
2600 Hollywood Blvd.
Hollywood, FL 33020
(954) 967-4357

Electric
Florida Power and Light - Gulfstream Service Center
4000 Davie Road Extension
Hollywood, FL 33024
(954) 442-6300

LEGAL DESCRIPTION

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

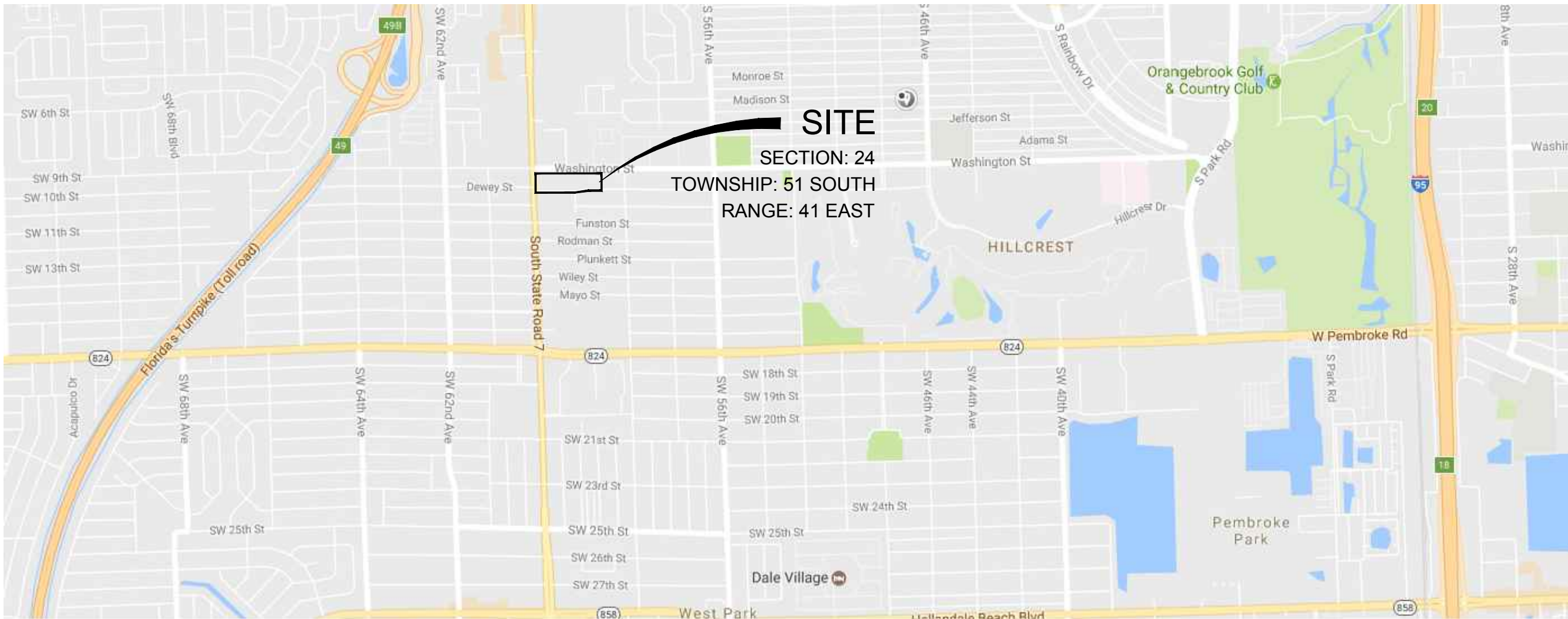
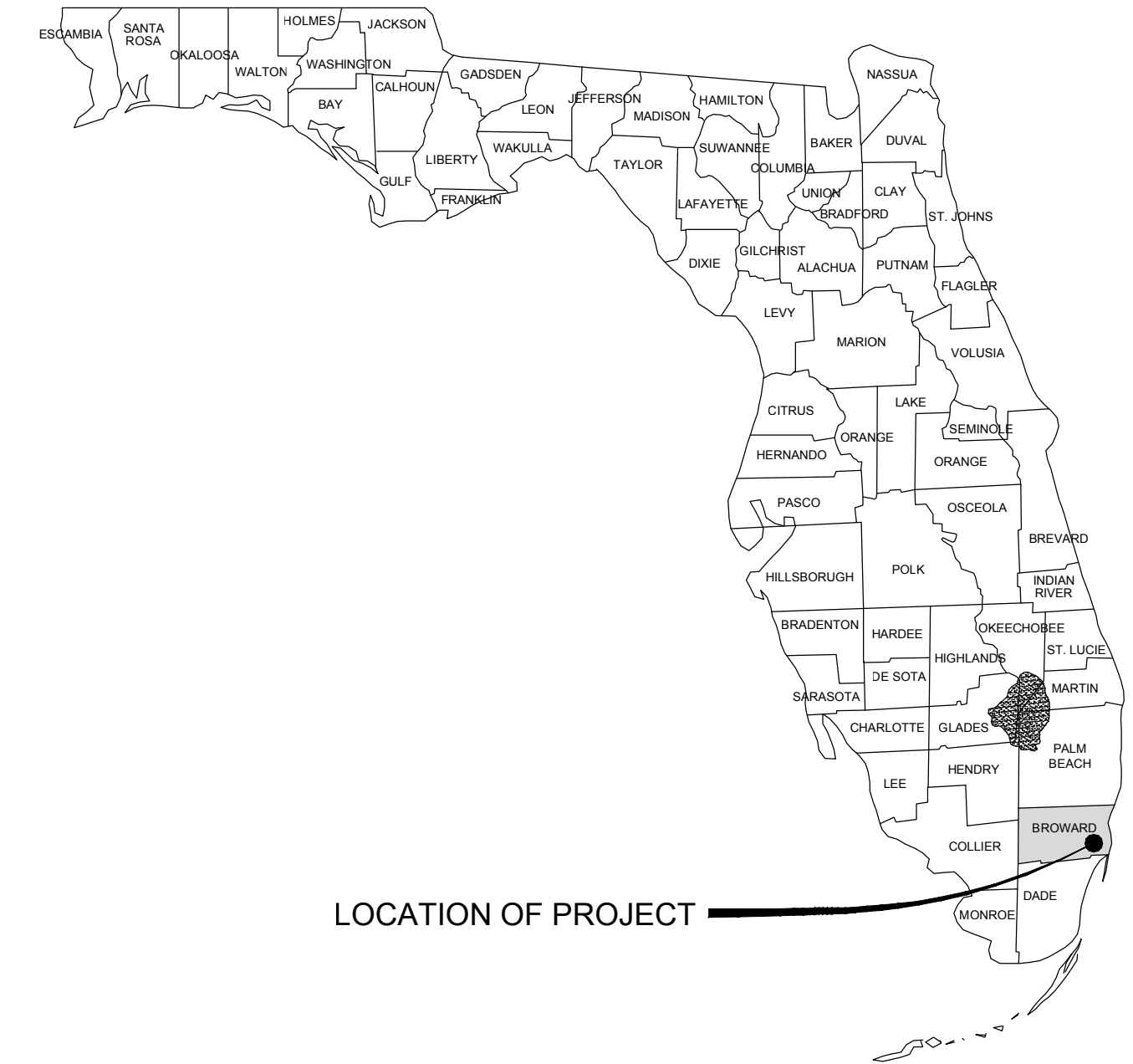
LOTS ONE (1) AND TWO (2) AND LOT THREE (3) LESS THE EAST 100 FEET THEREOF, IN BLOCK ONE (1) OF WEST HOLLYWOOD VILLAS, ACCORDING TO THAT PART OF LOTS ONE (1) AND TWO (2) IN BLOCK ONE (1) OF REDFIELD ACRES, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 16, PAGE 58, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST ONE-QUARTER OF SECTION 24, TOWNSHIP 51 SOUTH, RANGE 41 EAST, RUN EAST 50 FEET ALONG THE SECTION LINE, THENCE RUN SOUTHERLY AND PARALLEL TO THE WEST LINE OF SAID NORTHEAST ONE-QUARTER A DISTANCE OF 35 FEET TO A POINT OF BEGINNING, THENCE CONTINUE SOUTHERLY AND PARALLEL TO THE WEST LINE OF SAID NORTHEAST ONE-QUARTER A DISTANCE OF 224.50 FEET, THENCE RUN EASTERLY AND PARALLEL TO THE NORTH LINE OF SAID NORTHEAST ONE-QUARTER A DISTANCE OF 150 FEET, THENCE RUN NORTHERLY AND PARALLEL TO THE WEST LINE OF SAID NORTHEAST ONE-QUARTER A DISTANCE OF 224.50 FEET, THENCE RUN WESTERLY AND PARALLEL TO THE NORTH LINE OF SAID NORTHEAST ONE-QUARTER A DISTANCE OF 150 FEET TO THE POINT OF BEGINNING.

LESS

A PORTION OF LOT 1, BLOCK 1, WEST HOLLYWOOD VILLAS, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 30, PAGE 47 AND A PORTION OF LOTS 1 AND 2, BLOCK 1, PLAT OF REDFIELD ACRES, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 16, PAGE 58, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, LYING IN SECTION 24, TOWNSHIP 51 SOUTH, RANGE 41 EAST, BROWARD COUNTY, FLORIDA, AS SHOWN ON THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP FOR STATE ROAD 7 (U.S. 441), ITEM/SEGMENT NO. 2277741, SECTION NO. 86100-2527 AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE SOUTHWEST CORNER OF SAID LOT 1, BLOCK 1, WEST HOLLYWOOD VILLAS; THENCE NORTH 02°08'08" WEST ALONG THE EASTERLY EXISTING RIGHT OF WAY LINE FOR SAID STATE ROAD 7 (U.S. 441), A DISTANCE OF 276.70 FEET TO A POINT ON THE SOUTHERLY EXISTING RIGHT OF WAY LINE FOR WASHINGTON STREET AS SHOWN ON SAID RIGHT OF WAY MAP; THENCE NORTH 89°49'33" EAST ALONG SAID SOUTHERLY EXISTING RIGHT OF WAY LINE, A DISTANCE OF 43.07 FEET; THENCE SOUTH 41°24'14" WEST, A DISTANCE OF 47.97 FEET; THENCE SOUTH 02°08'08" EAST, A DISTANCE OF 230.67 FEET; THENCE SOUTH 55°22'09" EAST, A DISTANCE OF 17.73 FEET TO A POINT ON THE SOUTH LINE OF SAID LOT 1, BLOCK 1, WEST HOLLYWOOD VILLAS, ALSO BEING A POINT ON THE NORTHERLY EXISTING RIGHT OF WAY LINE FOR DEWEY STREET AS SHOWN ON SAID RIGHT OF WAY MAP; THENCE SOUTH 89°50'12" WEST ALONG SAID SOUTH LINE AND SAID NORTHERLY EXISTING RIGHT OF WAY LINE, A DISTANCE OF 24.22 FEET TO THE POINT OF BEGINNING.



LOCATION MAP

N.T.S.

PRELIMINARY TAC MEETING: 03/20/2017

FINAL TAC MEETING: 04/17/2017

Bowman
CONSULTING

Certificate of Authorization License No. 30462

401 E. Las Olas Blvd.,
Suite 1400
Ft. Lauderdale, FL 33301
Phone: (954) 712-7482

www.bowmanconsulting.com
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SITE INFORMATION

Project Area: ±2.05 Acres
Parcel Folio No.: 5141-24-15-0010
Parcel Address: 5900 Washington Street, Hollywood, FL
Current Zoning: O-3 : High Intensity Office District
Proposed Use: Auto Repair Facility w/Paint

SHEET INDEX:

	COVER SHEET
	SURVEY
	DEMOLITION PLAN
C1	SITE PLAN
C2	PAVING, GRADING AND DRAINAGE PLAN
C3	UTILITY PLAN
C4	SITE DETAILS
C5	UTILITY DETAILS
C6	LANDSCAPE PLAN
L1	LANDSCAPE PLAN
L2	ELEVATIONS
A1	FLOOR PLAN
A2	ROOF PLAN
A3	

COVER SHEET

CALIBER COLLISION HOLLYWOOD

5900 WASHINGTON STREET

CITY OF HOLLYWOOD

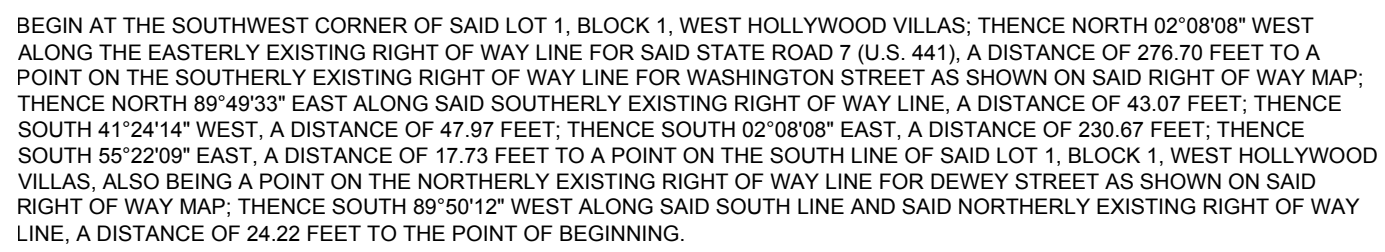
BROWARD COUNTY, FLORIDA

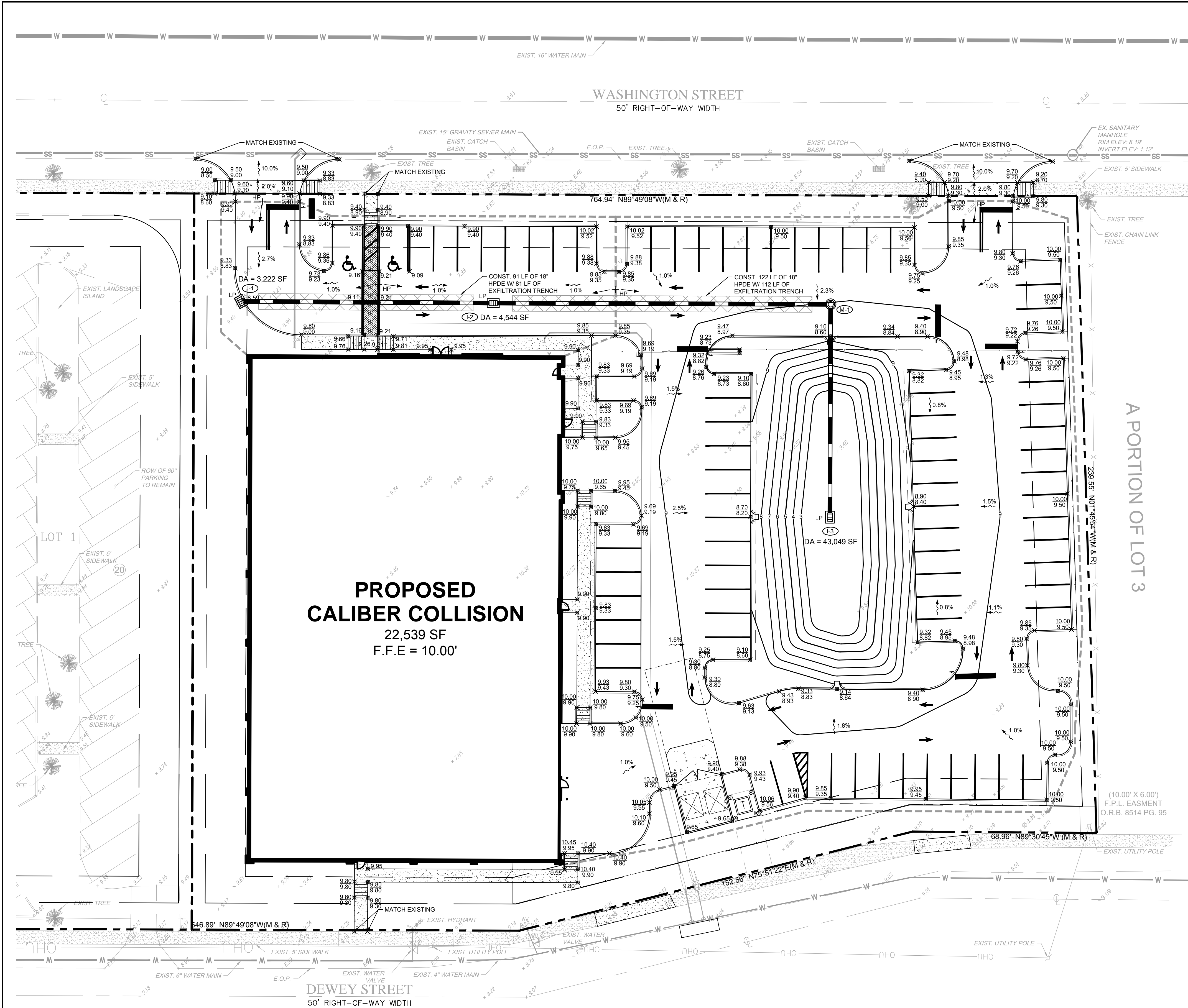
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WILLIAM PFEFFER, P. E. LICENSE NO. 73058 4/3/17		
PLAN STATUS		
03/20/17 - PRELIM. TAC MEETING		
04/17/17 - FINAL TAC MEETING		
DATE	DESCRIPTION	
EL DESIGN	EL DRAWN	BP CHKD
SCALE	AS SHOWN	
JOB No.	010430-01-002	
DATE	4/3/17	
FILE	010430-d-cp-002-c0-cov.d	
SHEET		





EXISTING LEGEND

	PROPERTY LINE
	CONCRETE SIDEWALK
	EDGE OF PAVEMENT
	EDGE OF SIDEWALK
	UTILITY EASEMENT
	SPOT ELEVATION
	SIGN / CROSSWALK SIGNAL
	SANITARY MANHOLE
	SANITARY SEWER
	WATER MAIN
	FIRE HYDRANT
	WATER METER
	WATER VALVE
	LIGHT POLE
	UTILITY POLE
	OVERHEAD ELECTRIC SERVICE
	ELECTRIC HANDHOLE
	CHAIN LINK FENCE
	ADJACENT ROW

PROPOSED LEGEND

	TYPE "F" CURB & GUTTER
	TYPE "C" INLET
	ASPHALT PAVEMENT
	PARKING STRIPING
	SEWER CLEAN OUT
	SEWER SERVICE
	WATER SERVICE
	TAPPING SLEEVE
	WATER VALVE
	EXFILTRATION TRENCH
	STORM SEWER
	DRAINAGE STRUCTURE LABEL
	DRAINAGE ARROW
	PAVEMENT ELEVATION
	CURB ELEVATION
	BASIN DIVIDE LINE

DRAINAGE STRUCTURE TABLE

STRUCTURE #	GRATE/INLET TYPE	BOT. STR. TYPE	RIM	N INVERT	E INVERT	S INVERT	W INVERT
I-1	TYPE "C"	TYPE "C"	8.59	-----	3.62	-----	-----
I-2	TYPE "C"	TYPE "C"	8.90	-----	3.62	-----	3.62
I-3	TYPE "C"	TYPE "C"	8.44	3.62	-----	-----	-----
M-1	MANHOLE	TYPE "C"	8.88	-----	-----	3.62	3.62

DATUM NOTE

1. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988, CITY OF FORT LAUDERDALE BENCHMARK; NW141; ELEVATION: 6.264'

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PAVING, GRADING AND DRAINAGE PLAN
CALIBER COLLISION HOLLYWOOD
5900 WASHINGTON STREET

BROWARD COUNTY, FLORIDA

CITY OF HOLLYWOOD

WILLIAM PFEFFER, P.E.
LICENSE NO. 73058
4/3/17

PLAN STATUS
03/20/17 - PRELIM. TAC MEETING
04/17/17 - FINAL TAC MEETING

DATE	DESCRIPTION
EL DESIGN	EL DRAWN
BP	CHKD

SCALE

JOB No. 010430-01-002

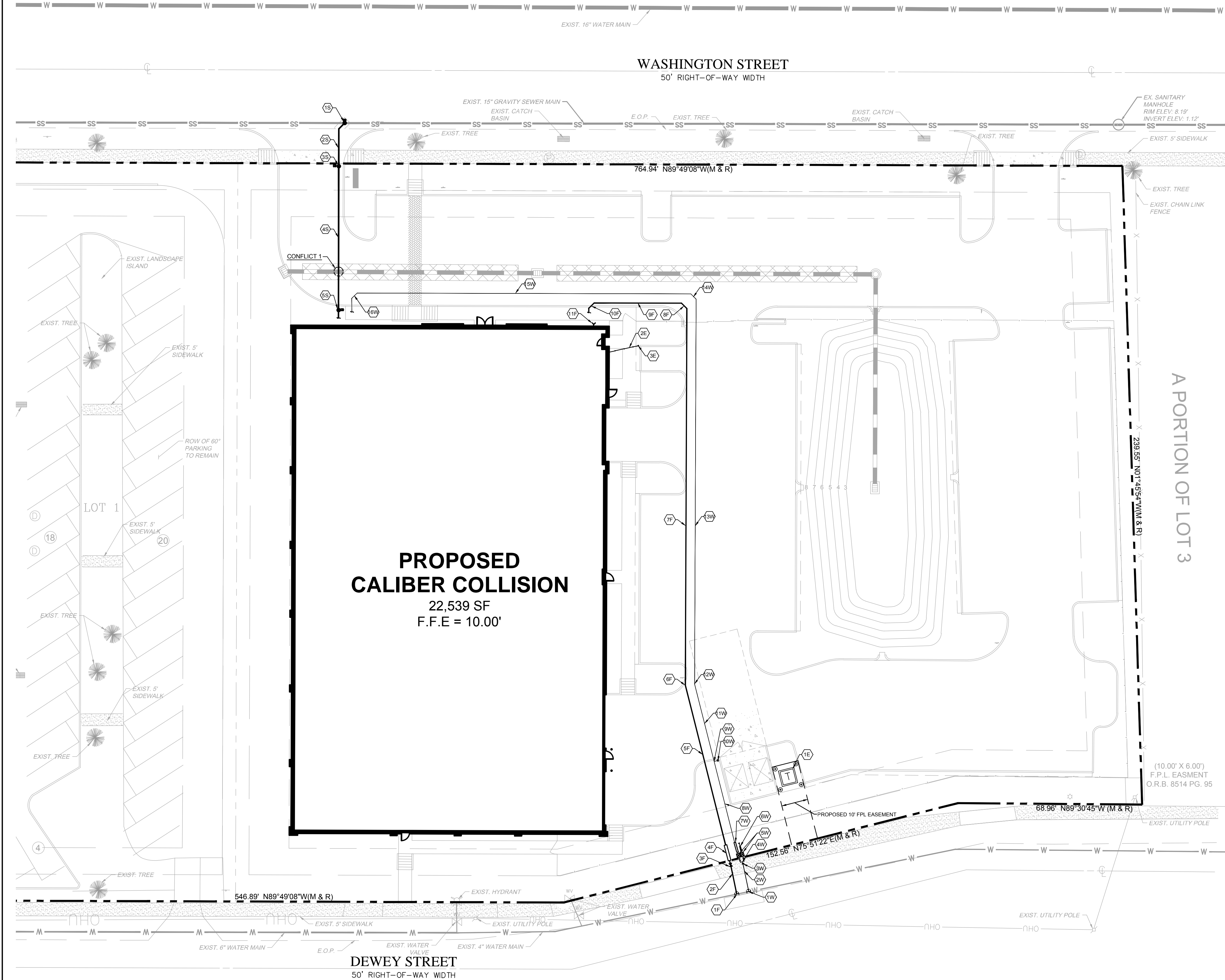
DATE 4/3/17

FILE 010430-d-cp-002-pgd.dwg

SHEET **C3**



THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY BOWMAN CONSULTING GROUP, LTD. SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTING GROUP, LTD.



EXISTING LEGEND

	PROPERTY LINE
	CONCRETE SIDEWALK
	EDGE OF PAVEMENT
	EDGE OF SIDEWALK
	FPL EASEMENT
	UTILITY EASEMENT
	VALLEY INLET
	SIGN / CROSSWALK SIGNAL
	SANITARY MANHOLE
	SANITARY SEWER
	WATER MAIN
	FIRE HYDRANT
	WATER METER
	WATER VALVE
	UTILITY POLE
	OVERHEAD ELECTRIC SERVICE
	CHAIN LINK FENCE

PROPOSED LEGEND

	TYPE 1\"/>
	TYPE C\"/>
	TYPE 9\"/>
	CONCRETE PAVEMENT
	SEWER CLEAN OUT
	SEWER SERVICE
	WATER SERVICE
	TAPPING SLEEVE
	WATER VALVE
	EXFILTRATION TRENCH
	STORM SEWER

GENERAL UTILITY NOTES

- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND IS RESPONSIBLE TO REPAIR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
- ALL UTILITIES ARE SHOWN FROM INFORMATION GATHERED AND SHOULD NOT BE USED AS EXACT. CONTRACTOR SHALL VERIFY EXACT DEPTHS AND LOCATIONS PRIOR TO UTILITY INSTALLATION.
- CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY FOR INSTALLATION AND SPECIFICATION REQUIREMENTS.
- ALL PIPE MATERIALS SHALL COMPLY WITH LOCAL REGULATIONS AND STANDARDS.
- ALL TRENCHING AND BEDDING SHALL BE PER THE UTILITY TRENCH AND BEDDING DETAIL.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ALL BUILDING UTILITY TIE INS.
- ANY WATER AND/OR SEWER CONNECTIONS IN THE RIGHT-OF-WAY MUST BE COORDINATED AND SUPERVISED BY UTILITY DISTRICT PERSONNEL. PLEASE GIVE 72 HOURS NOTICE FOR CONNECTIONS.

WATER NOTES

- CONNECT TO EXISTING 4\"/>
- CONST. 11 LF OF 4\"/>
- CONST. 4\"/>
- CONST. DUAL 1\"/>
- CONST. (2) 1\"/>
- CONST. 1\"/>
- CONST. 1\"/>
- CONST. 1\"/>
- CONST. 1\"/>
- CONST. 1\"/>
- CONST. 30 LF OF 1\"/>
- CONST. 1\"/>
- CONST. 145 LF OF 1\"/>
- CONST. 1\"/>
- CONST. 127 LF OF 1\"/>
- CONST. 1\"/>

CONFLICTS

CONFLICT 1:
SEWER TO PASS UNDER STORM
T.O.P. SEWER = 2.62'
APPROX. B.O.P. STORM = 3.62'
CLEARANCE = 12"

FIRE NOTES

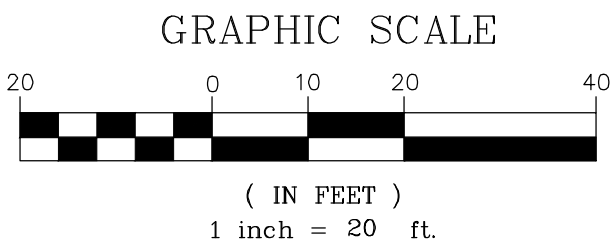
- CONNECT TO EXISTING 4\"/>
- CONST. 11 LF OF 4\"/>
- CONST. 4\"/>
- CONST. DOUBLE DETECTOR CHECK VALVE
- CONST. 62 LF OF 4\"/>
- CONST. 4\"/>
- CONST. 143 LF OF 4\"/>
- CONST. 4\"/>
- CONST. 33 LF OF 6\"/>
- CONST. 4\"/>
- CONST. FIRE DEPARTMENT CONNECTION (FDC)

SANITARY SEWER NOTES

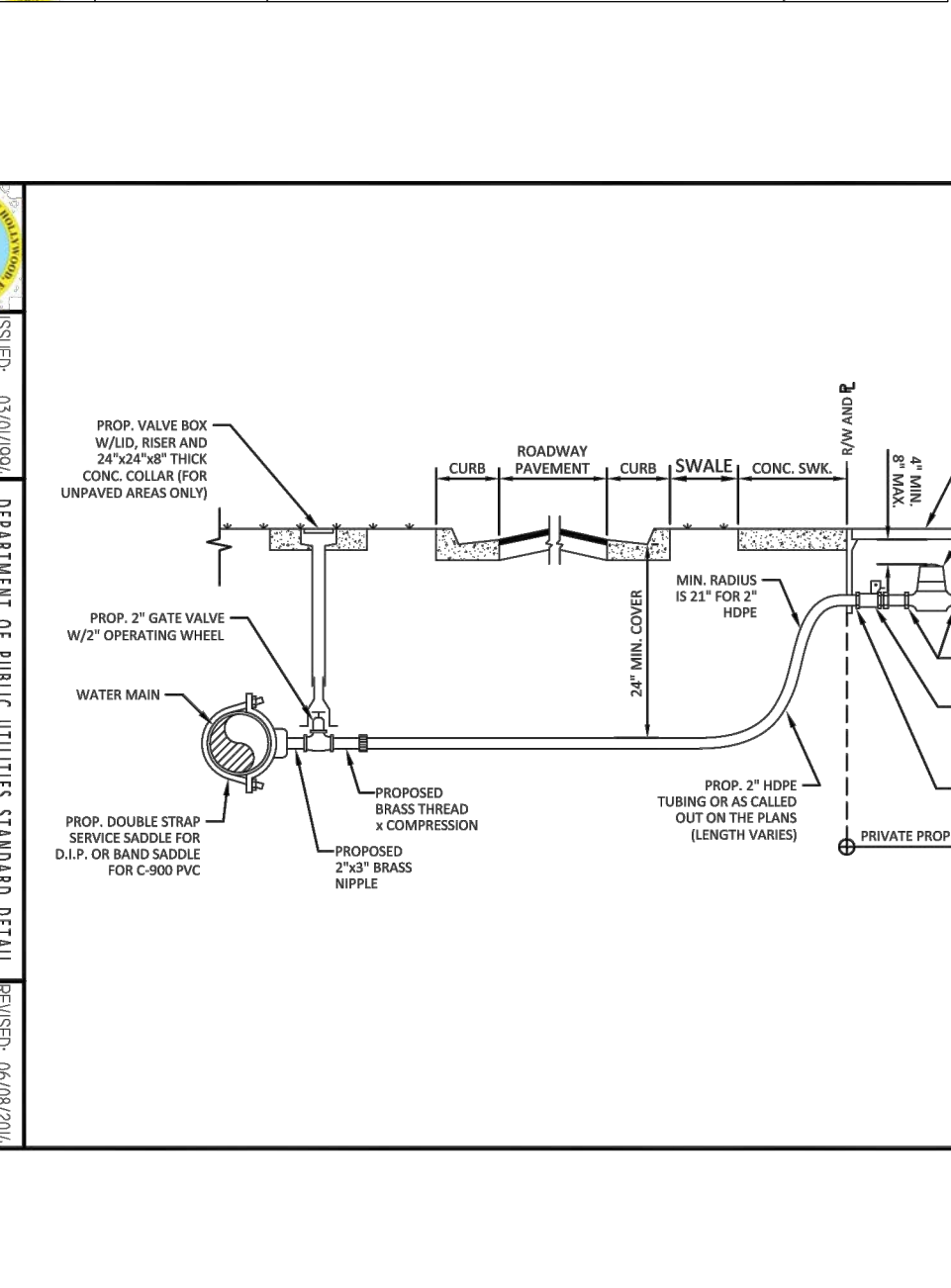
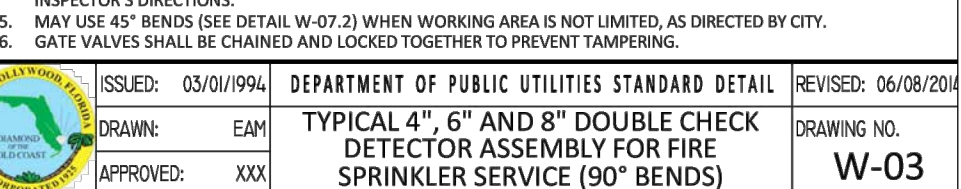
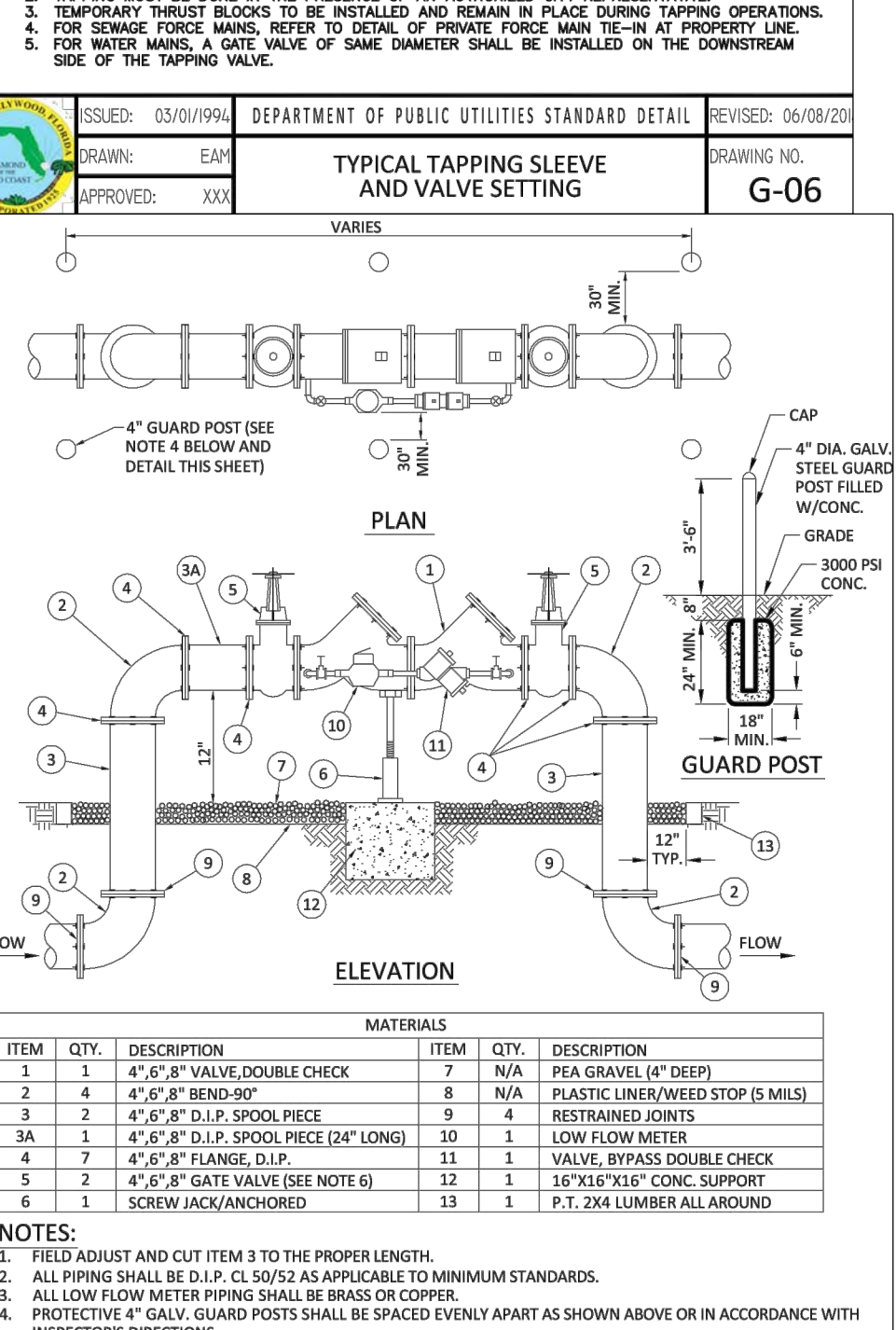
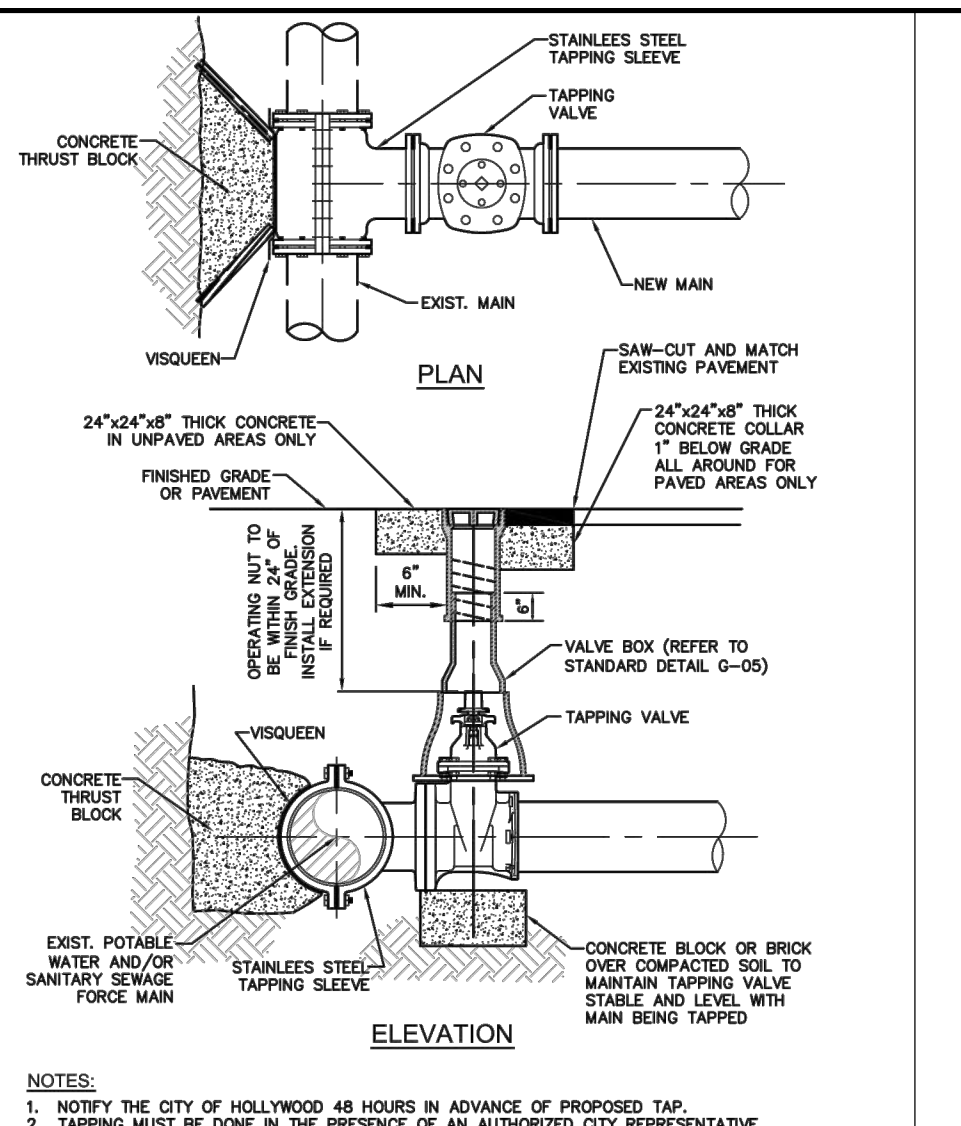
- CONNECT TO EXISTING 15\"/>
- CONST. 16 LF OF 6\"/>
- CONST. 6\"/>
- CONST. 60 LF OF 6\"/>
- CONST. 6\"/>

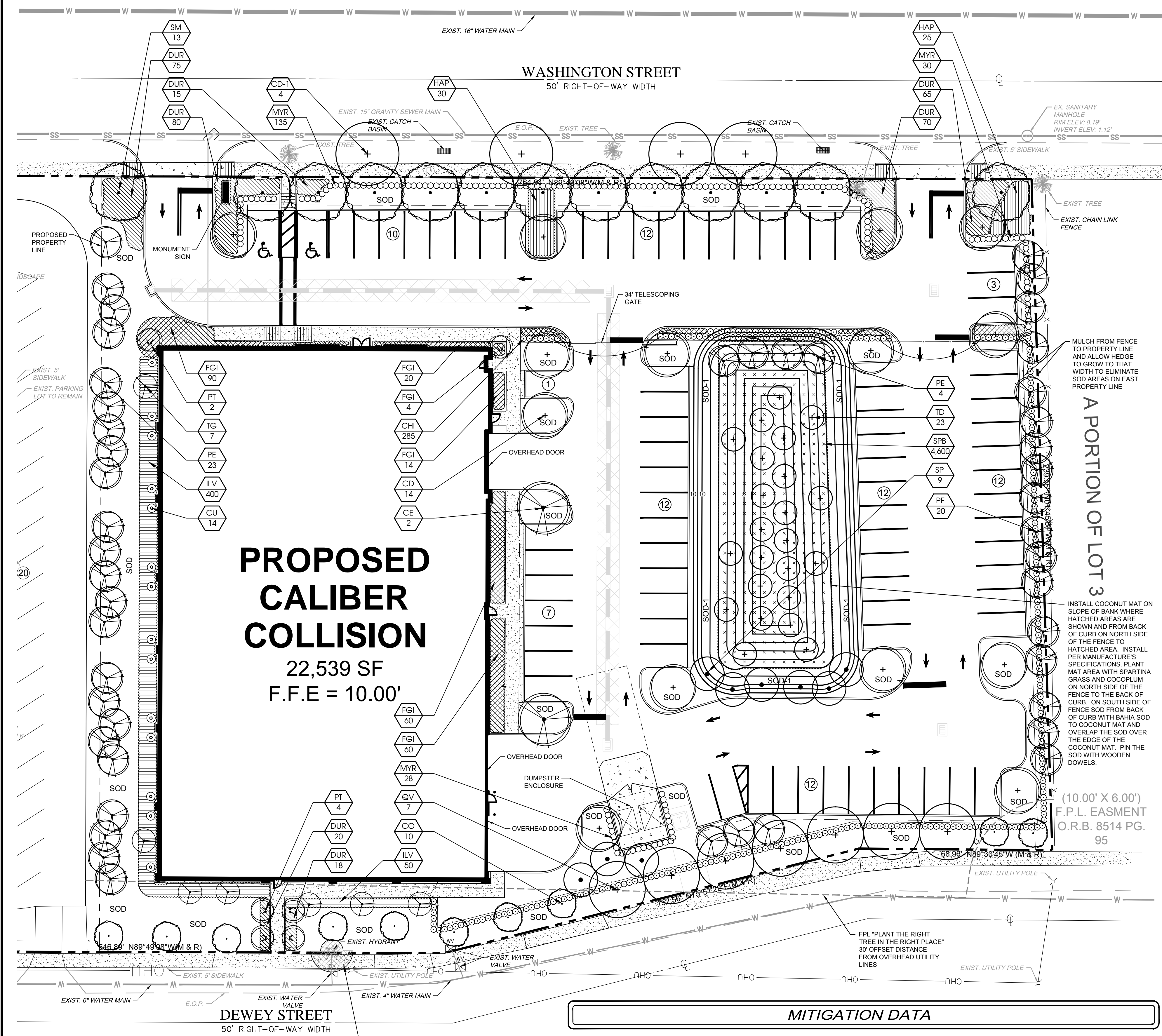
ELECTRICAL NOTES

- TRANSFORMER - CONSTRUCTED BY OTHERS
- CONST. 11 LF OF EMPTY 3/4\"/>
- CONST. TWO-GANG JUNCTION BOX WITH BLANK PLATE



CAD file name: V:\010430 - Caliber Collision\010430-01-002 (ENG) - 5900 Washington St - Hollywood\Engineering\Engineering Plans\Sheets\010430-D-CP-002-DET.dwg 4/2/2017



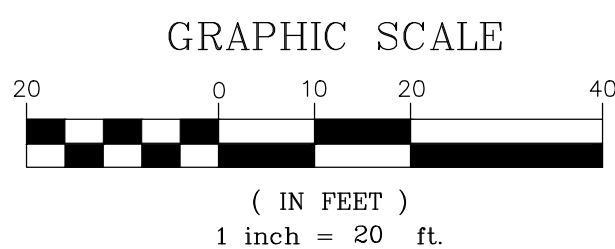


**PROPOSED
CALIBER
COLLISION**

22,539 SF
F.F.E = 10.00'

DEWEY STREET
50' RIGHT-OF-WAY WIDTH

FIRE HYDRANT & FIRE DEPARTMENT
CONNECTION CLEAR ZONE (TYP.)
SOD THIS AREA



MITIGATION DATA

REMOVED:	TYPE:	DIAMETER:	MITIGATION REQUIREMENTS:
T-13	LIVE OAK	DEAD - NOT COUNTED	TOTAL TREES REMOVED = 12
T-24	MAHOGANY	18"	TOTAL INCHES REMOVED = 22"
T-25	MAHOGANY	24"	TOTAL REPLACEMENT INCHES REQUIRED = 22"
T-26	LIVE OAK	48"	TOTAL 3" D.B.H. REPLACEMENT TREES REQUIRED = 76
T-27	BLACK OLIVE	12"	
T-28	BLACK OLIVE	15"	PROVIDED = 66 REQUIRED TREES CHANGED FROM 2" TO 3" D.B.H. = 66"
T-29	SABAL PALM		54 ADDITIONAL 3" D.B.H. TREES PLANTED = 162"
T-30	UNKNOWN	DEAD - NOT COUNTED	TOTAL = 228"
T-32	LIVE OAK	12"	
T-33	SABAL PALM		TOTAL SABAL PALMS REMOVED = 9
T-34	SABAL PALM		TOTAL SABAL PALM PLANTED ON SITE = 9
T-35	SABAL PALM		
T-36	BLACK OLIVE	36"	
T-72	UNKNOWN	DEAD - NOT COUNTED	
T-73	SABAL PALM		
T-74	BLACK OLIVE	20"	
T-75	BLACK OLIVE	18"	
T-76	SABAL PALM		
T-77	SABAL PALM		
T-78	SABAL PALM		
T-79	SABAL PALM		
TREE NOT ON SURVEY			
	MAHOGANY	18"	

General Notes

- All utility boxes and structures, not currently known or shown on the plan, shall be screened with Cocoplum plants on three (3) sides.
- Contractor to include drainage testing for all trees and palms in bid. If drainage is inadequate and the soil specification in item #8 of the landscape specifications is not appropriate for site conditions, the soil mixture shall be revised for this site's conditions. The Contractor shall notify the Owner and Landscape Architect of the poor drainage conditions in writing and written direction will be provided to the contractor of appropriate soil mixture specification to be used.
- All prohibited, exotic and invasive species shall be removed from the entire site area of site prior to issuance of certificate of occupancy.
- All planting areas to be irrigated to provide 100% coverage and provide adequate irrigation of landscape areas for the first full growing season and continue thereafter only as necessary to maintain required vegetation in good and healthy condition. Shop drawings to be submitted by the irrigation contractor for approval prior to installation.
- The irrigation system shall be continuously maintained in working order.
- All required landscape improvements must be inspected and approved by the City of Hollywood prior to the issuance of a Certificate of Occupancy.
- This plan has been designed to meet with the tree planting requirements contained within the FPL document entitled "Plant the Right Tree in the Right Place" on new (proposed) plantings.
- Planting adjacent to fire hydrants shall have a minimum clear radius of 7.5' front and sides and 4' in the rear as required by the NFPA Uniform Fire Code Florida Edition 18.3.4.1 Hydrants.
- No plant substitutions can be made without Owner's and the City of Hollywood's approval.
- An automatic Rain sensor shall be placed on-site as part of the required irrigation system.
- Required buffer hedges shall be planted and maintained so as to form a continuous, unbroken solid visual screen, with a minimum height of three (3) feet, to be attained within one (1) year after planting.
- Topsoil shall be clear and free of construction debris, weeds, rocks, noxious pests, and diseases. The topsoil for all planting areas shall be composed of a minimum of fifty percent (50%) muck or horticulturally-acceptable organic material.
- The use of soil amendments to increase the water holding capacity of sandy soils or improve the drainage of heavy soils may be required.
- Plant material shall not be planted in the root balls of any tree.
- All hedge material adjacent to chain link fences shall be required to grow to six feet (6') in height and maintained at that height.

Right Of Way Swale Notes

- Right of way swales adjacent to the project from the east property line to the west property line shall be included in the improvements to this scope of work. Scope of work shall include removal of existing driveway aprons, excavation of limestone and poor soils in swale and replaced with an amended soil mix at a depth of eight (8) to twelve (12) inches for a healthy deep turfgrass root system to thrive and sod.

PLANT LIST

QTY	SYM	SPECIES	COMMON NAME/DESCRIPTION	SIZE	SPACING	REMARKS	WATER USAGE
14	CD*	COCOLOBA DIVERSIFOLIA	PIGEON PLUM	14' x 5', 3" D.B.H.	A.S.	FULL CANOPY, 4' C.T.	LOW
4	CD-1*	COCOLOBA DIVERSIFOLIA	PIGEON PLUM	14' x 5', 3" D.B.H.	A.S.	FULL CANOPY, 4' C.T.	LOW
2	CE*	CONOCARPUS ERECTUS	GREEN BUTTWOOD	14' x 5', 3" D.B.H.	A.S.	FULL CANOPY, 4' C.T.	LOW
10	CO	CORDIA SEBESTENA	GEIGER TREE	14' x 5', 3" D.B.H.	A.S.	FULL CANOPY, 4' C.T.	LOW
14	CU	OPUNTIA SEMPERVIRENS	ITALIAN CYPRESS	#15, 6' x 2'	A.S.	FULL & THICK	LOW
47	FE*	PINUS ELLIOTTI	SLASH PINE	14' x 5', 3" D.B.H.	A.S.	FULL CANOPY, 4' C.T.	LOW
7	QV*	QUERCUS VIRGINIANA	LIVE OAK	14' x 5', 3" D.B.H.	A.S.	FULL CANOPY, 4' C.T.	LOW
13	SM*	SWIETENIA MAHOGANY	MAHOGANY	14' x 5', 3" D.B.H.	A.S.	FULL CANOPY, 4' C.T.	LOW
23	TD*	TAXODIUM DISTICHUM	BALD CYPRESS	14' x 5', 3" D.B.H.	A.S.	FULL CANOPY, 4' C.T.	LOW
7	TG	TIBOUCHINA GRANULOSA	TIBOUCHINA STANDARD	#35, 6' x 4'	A.S.	FULL CANOPY, 3' C.T.	LOW
PALMS							
6	PT	PTYCHOSPERMA ELEGANS	ALEXANDER PALM	10' C.T.	A.S.	DOUBLE TRUNKS, MATCHED	LOW
9	SP*	SABAL PALMETTO	SABAL PALM	12'-16' C.T.	A.S.	SLICK TRUNKS	LOW
SHRUBS							
285	CHI*	CHRYSOBALANUS ICAGO	COCOPLUM	#7, 4' x 2'	2' O.C.	FULL & THICK	LOW
55	HAP*	HAMELIA PATENS	FIREBUSH	#3, 2' x 2'	3' O.C.	FULL & THICK	LOW
193	MYR*	MYRICANTHES FRAGRANS	SIMPSON STOPPER	#7, 4' x 2'	2' O.C.	FULL & THICK	LOW
4,600	SPB*	SPARTINA BAKERI	SAND CORDGRASS	B.R. 6"	12' O.C.	FULL & THICK	LOW
LOW SHRUBS							
343	DUR	DURANTA ERECTA	GOLD MOUND	#3, 2' x 2'	2' O.C.	FULL & THICK	LOW
248	FGI	FICUS MICROCARPA 'GREEN ISLAND'	FICUS GREEN ISLAND	#3, 2' x 2'	2' O.C.	FULL & THICK	LOW
450	ILV*	ILEX VOMITORIA	DWARF YAUPOIN HOLLY	#3, 2' x 2'	2' O.C.	FULL & THICK	LOW
SOD							
SOD-1			ST. AUGUSTINE SOD			SEE SPECS.	MEDIUM
SOD-1			PASPALUM NOTATUM			SEE SPECS.	LOW
SOD-1			BAHIA SOD				

* = FLORIDA NATIVE

LANDSCAPE DATA

STREET TREES WASHINGTON STREET:
1 TREE / 50' L.F. OF STREET FRONTAGE - LENGTH = 281'
REQUIRED = 6 TREES
PROVIDED = 6 TREES
2 EXISTING TREES + 4 PROPOSED TREES (QV) = 6 TREES
PROVIDED IN R.O.W.

STREET TREES DEWEY STREET:
1 TREE / 50' L.F. OF STREET FRONTAGE - LENGTH = 345'
REQUIRED = 7 TREES
PROVIDED = 7 TREES
NOTE: THE TREES WERE PROVIDED ON SITE DUE TO THE EXISTING WATER LINE IN THE PLANTING AREA ALONG THE DEWEY STREET RIGHT OF WAY.

PERIMETER LANDSCAPE BUFFER WITH PARKING ADJACENT TO WASHINGTON STREET:
1 TREE / 20' L.F. OF STREET FRONTAGE - LENGTH = 250'
REQUIRED = 13 TREES
PROVIDED = 13 TREES (SM)

4' TALL HEDGE SETBACK 3' FROM STREET RIGHT OF WAY
REQUIRED = 125 SHRUBS
PROVIDED = 145 SHRUBS

PERIMETER LANDSCAPE BUFFER WITH PARKING ADJACENT TO DEWEY STREET:
1 TREE / 20' L.F. OF STREET FRONTAGE - LENGTH = 205'
REQUIRED = 10 TREES
PROVIDED = 10 TREES

4' TALL HEDGE SETBACK 3' FROM STREET RIGHT OF WAY
REQUIRED = 125 SHRUBS
PROVIDED = 145 SHRUBS

NOTE: HEDGE IS BEING PROPOSED ADJACENT TO FENCE AND NOT THREE FEET FROM STREET RIGHT OF WAY TO PREVENT CREATING AN UNSAFE SPACE BETWEEN THE BACK SIDE OF THE HEDGE ADJACENT TO THE SIDEWALK AND THE FENCE.

PARKING LOT TERMINAL ISLANDS:
1 TREE / ISLAND
REQUIRED = 16 TREES
PROVIDED = 16 TREES (CD & CE)

VEHICULAR USE AREA INTERIOR LANDSCAPE:
25% OF THE TOTAL S.F. OF PAVED V.U.A. SHALL BE LANDSCAPED
V.U.A. = 50,994 S.F. x 25% = 12,748.5 S.F.
REQUIRED = 12,748.5 S.F.
PROVIDED = 14,054 S.F.

OPEN SPACE:
1 TREE / 1,000 S.F. OF PEROUS AREA IN ADDITION TO THE V.U.A.
14,054 / 1,000 = 31.54 = 14 TREES
REQUIRED = 14 TREES
PROVIDED = 14 TREES

TOTAL TREES REQUIRED:
REQUIRED = 66 TREES
PROVIDED = 66 TREES (3 EXISTING + 63 PLANTED = 66 TREES)

MITIGATION TREES REQUIRED = 54
MITIGATION TREES PROVIDED = 54
MITIGATION PALMS REQUIRED = 9
MITIGATION PALMS PROVIDED = 9

TOTAL TREES SPECIES REQUIRED:
WHEN THE REQUIRED TREES EQUAL 61-80 TREES, SIX (6) SPECIES ARE REQUIRED TO BE PLANTED
REQUIRED = 66 TREES = 6 SPECIES
PROVIDED = 9 SPECIES

MAXIMUM USE OF PALMS:
A MAXIMUM OF 50% OF THE REQUIRED TREES MAY BE PALMS, HOWEVER, IF MORE THAN 20% ARE USED, ALL REQUIRED TREES AND PALMS SHALL BE NATIVE

REQUIRED = 66 TREES x 20% = 13 PALMS
PROVIDED = 6 PALMS (EXCLUDES 9 MITIGATION SABAL PALMS)

NATIVE PLANTS:
80% OF REQUIRED TREES SHALL BE NATIVE
66 TREES x 80% = 52.8
REQUIRED = 53 TREES
PROVIDED = 127 PLANTED TREES (97 NATIVE PLANTED TREES) 76%

50% OF THE REQUIRED SHRUBS SHALL BE NATIVE
REQUIRED = 6,174 SHRUBS
PROVIDED = 5,583 SHRUBS (90%)

**Conceptual
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Landscape Architecture - Site Planning

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LANDSCAPE PLAN
CALIBER COLLISION HOLLYWOOD
5900 WASHINGTON STREET
CITY OF HOLLYWOOD
BROWARD COUNTY, FLORIDA

Seal :
Prepared, Reviewed & Supervised By:
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(772) 344-2340 LC: 26000198
Name : Jeffrey W. Smith, RLA
License # : LA0001635

PLAN STATUS
3/31/2017 CITY COMMENTS

DATE **DESCRIPTION**
JWS JS JWS
DESIGN DRAWN CHKD

SCALE 1" = 20'
JOB NO. BOWMAN / CDG
010430-01-002 / 17-0201

DATE 3/2/2017
FILE

SHEET **L-1 OF 2**

LANDSCAPE NOTES

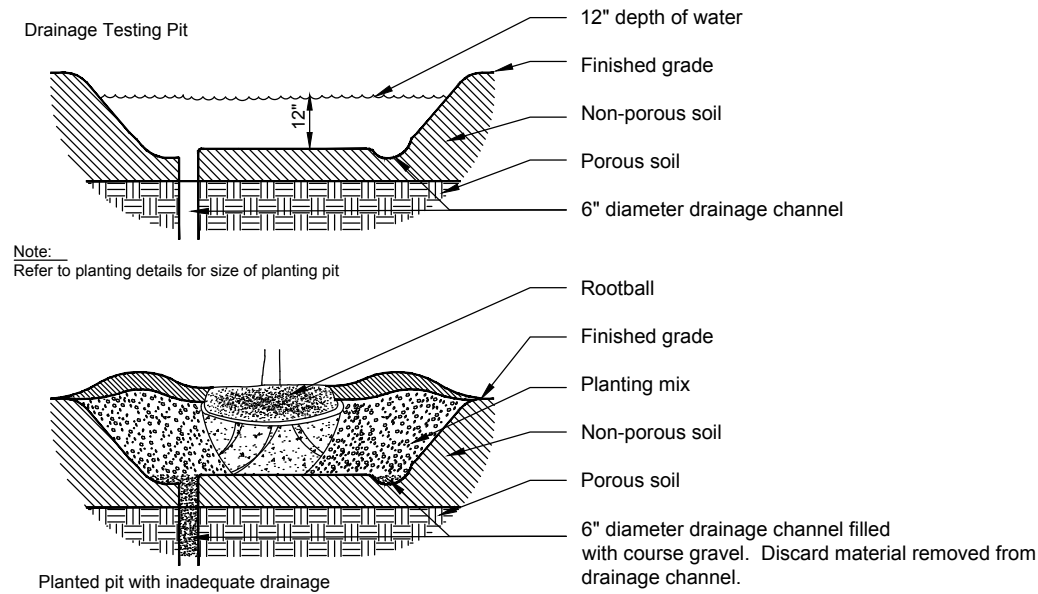
1. All tree and plant material to be Florida No. 1 or better, as classified in "Grades and Standards for Nursery Plants", Part 1 and Part II, State of Florida, Dept. of Agriculture, Tallahassee. All plants not listed in "Grades and Standards for Nursery Plants" shall conform to a Florida No. 1 as to: (1) health and vitality, (2) condition of foliage, (3) root system, (4) freedom from pest or mechanical damage, (5) heavily branched and densely foliated according to the accepted normal shape of the species.
2. Undersizing or substitution of one species or cultivar for another species is a breach of contract and will be "Rejected" at the time of final landscape inspection unless approved by Landscape Architect.
3. Project Warranty: All plant material shall be warranted for a period of one (1) year after date of substantial completion against defects, including death and unsatisfactory growth, except for defects resulting from abuse or damage by others or unusual phenomena or incidents which are beyond the contractor's control.
4. Any and all conditions which the contractor feels will be detrimental to the success of the planting shall be brought to the owner or representative's attention.
5. The contractor shall verify the location of underground utilities prior to commencing work on any project area.
6. Mulch planting areas with 3" layer of Melaleuca, Eucalyptus, or Enviromulch. Cypress Mulch is **NOT ACCEPTABLE**. Planting beds to receive mulch throughout entire bed area.
7. All plants to be set to ultimate grade. No filling will be permitted around trunks or stems. Mulch to be kept a minimum of 2" away from trunks and stems.
8. Planting trees and shrubs: Excavate hole per planting detail. When plant is set, place additional backfill consisting of a 50% mixture of Peat humus and natural soil around the base and sides of ball, and work each layer to settle backfill and eliminate voids and air pockets. When excavation is approximately 2/3 full, water thoroughly before placing remainder of backfill. Water again after placing final layer of backfill and before installing mulch.
9. Guy and stake trees in 3 directions with galvanized wire, through flexible hose chafing guards, with wooden stake anchors immediately after planting. (See Detail)
10. Trees and shrubs shall be fertilized with a complete natural organic fertilizer with a ratio of approximately 3:1:2 or 3:1:3 (e.g. one labeled 12-4-8). Similar analysis such as 16-4-8 (4:1:2) can also be used. Fertilizers that are slow release, controlled release, sulphur coated or with nitrogen as IBDU or ureaformaldehyde have extended release period. Thirty to fifty percent of the nitrogen should be water insoluble or slow release.

Palms should receive a complete granular fertilizer formulated for palms ("Palm Special") at a rate of 5 to 8 lbs. per palm.

Agriform 20-10-5 twenty-one gram planting tablets may be substituted for granular fertilizer. If utilized, the following rates shall be utilized: Position plant in hole. Backfill halfway up the rootball. Place tablet(s) beside rootball about 1" from root tips. Do not place tablet(s) in bottom of hole.

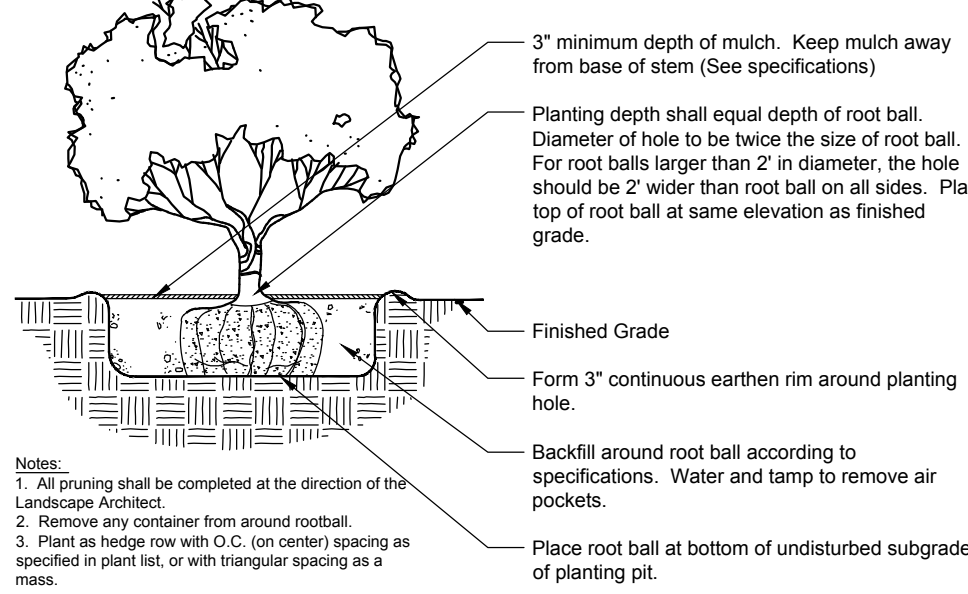
- 1 Gallon 1 Tablet
3 Gallon 2 Tablets
25 Gallon & B&B Trees 2 per 1" caliper

11. Maintain trees, shrubs, and other plants by watering, cultivating, and weeding as required for healthy growth. Restore planting saucers and mulch. Tighten and repair stake and guying and reset trees and shrubs to proper grade or vertical position as required. Spray as necessary to keep trees and shrubs free of insects and disease. The contractor shall begin maintenance immediately after planting and shall continue maintenance through final acceptance when Certificate of Occupancy is issued to the General Contractor by the governing agency and project is released by the General Contractor to Client.
12. Prune trees and shrubs only to remove damaged branches.
13. Planting Lawns: Provide clean, strongly rooted, uniformly sized strips of Stenotaphrum secundatus - St. Augustine "Floritam" sod (unless otherwise noted in Plant List), machine stripped not more than 24 hours prior to laying. Grade and roll prepared lawn surface. Water thoroughly but not to create muddy soil conditions. Lay sod strips with tight joints, roll or tamp lightly, and water thoroughly.
14. Maintain positive drainage, no planting is to block drainage.
15. Drainage Testing
Prior to planting of trees, palms, and specimen material, each planting pit shall be tested in the following manner to verify adequate drainage.
A) Dig each planting pit to the minimum specified size.
B) Fill the planting pit with (12") twelve inches of water. If the water level in the planting pit drops (4") four or more inches within (4) four hours, the drainage is sufficient and a drainage channel is not required. If the water level drops less than (4") four inches within the (4) four hour period, then a drainage channel is required.
C) When a drainage channel is required, the drainage channel must extend down through the non porous soil and into porous soil. (See Drainage Testing Detail)
D) Discard all material removed from the drainage channel.
E) When backfilling the planting pit, add coarse gravel to the drainage channel. Also, care must be taken to keep the consistency of the soil mix the same throughout the planting pit.
16. All fertilizers shall meet any governing agencies (local / County, etc.) ordinances and/or requirements.



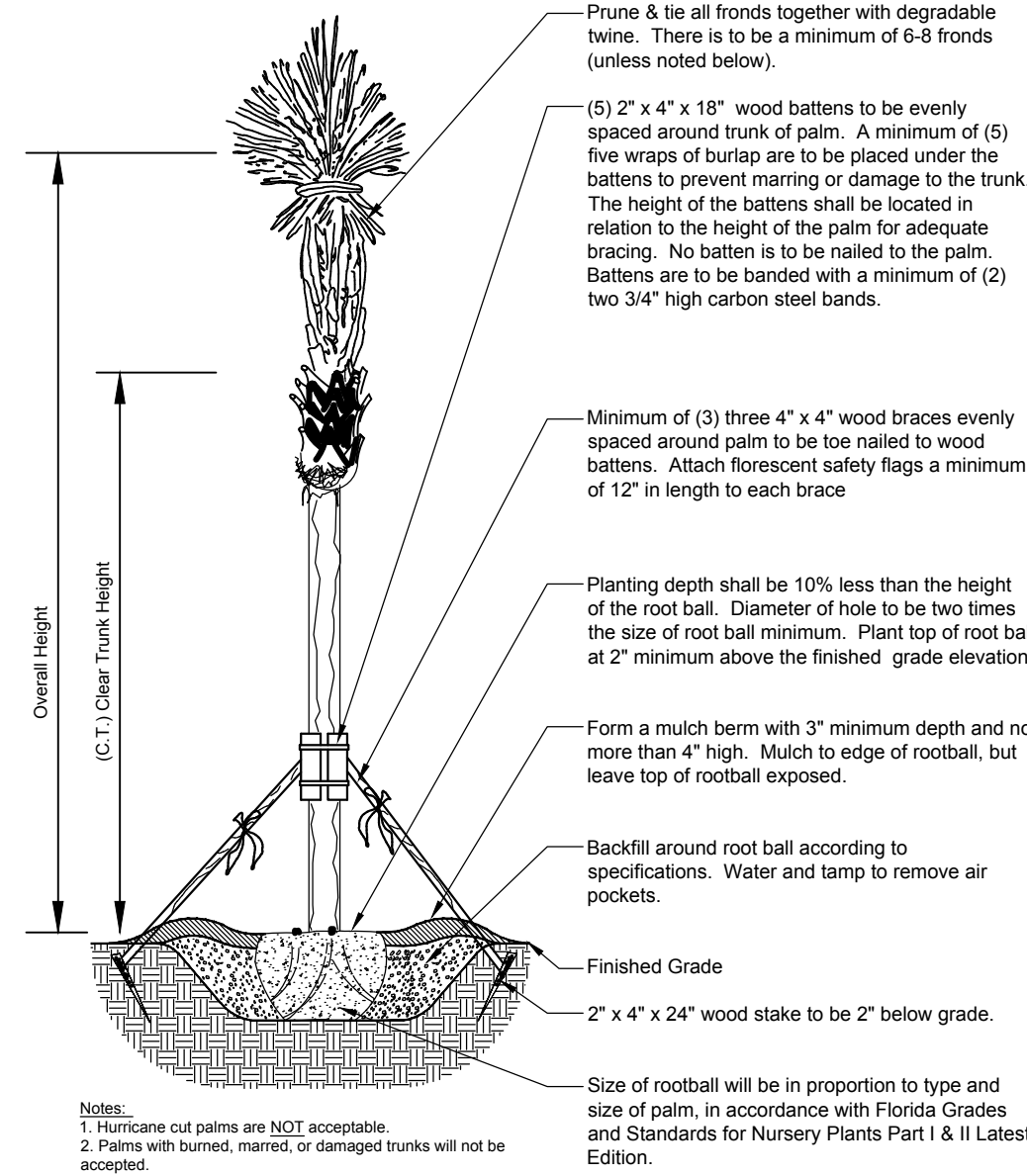
Drainage Testing Detail

Not to Scale



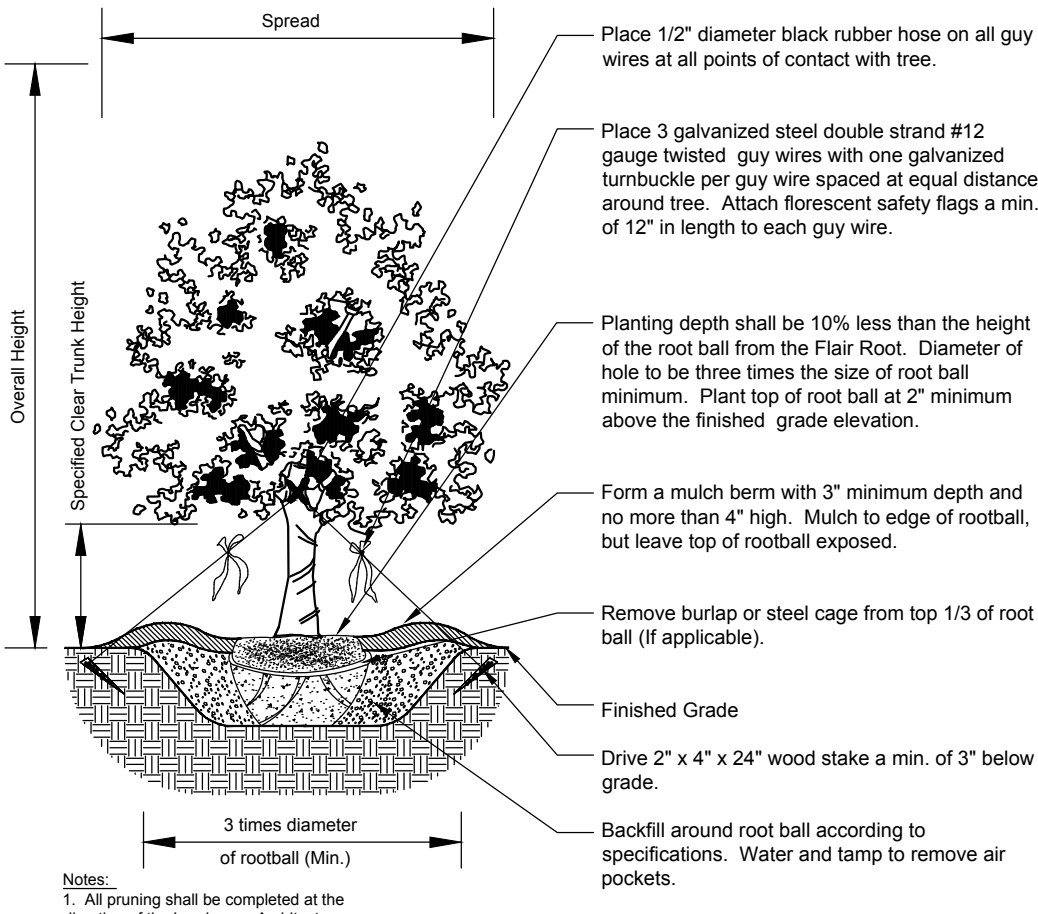
Shrub Detail

Not to Scale



Palm Planting Detail

Not to Scale



Tree Planting Detail

Not to Scale

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LANDSCAPE PLAN
CALIBER COLLISION HOLLYWOOD
5900 WASHINGTON STREET
CITY OF HOLLYWOOD
BROWARD COUNTY, FLORIDA

Seal :
SIGNATURE AND SEAL
Landscape Architect

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Name : Jeffrey W. Smith, RLA
License # : LA0001635

PLAN STATUS

3/31/2017 CITY COMMENTS

DATE DESCRIPTION

JWS DESIGN JS DRAWN JWS CHKD

SCALE 1" = 20'

JOB No. BOWMAN / CDG
010430-01-002 / 17-0201

DATE 3/2/2017

FILE

SHEET **L-2** OF **2**

KEY NOTES:

- (A1.10) FLOOR MOUNTED WASH/ MOP SINK. REFER PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- (A1.20) EMERGENCY EYE WASH SINK.
- (A1.30) 4" WIDE STRIPING PAINTED TRAFFIC YELLOW AT 16" O.C.
- (A1.40) RECESSED CONCRETE SLAB (RE: STRUCTURAL & CAR-O-LINER DRAWINGS FOR ADDITIONAL INFORMATION).
- (A1.50) TUNNELS UNDER SLAB (RE: STRUCTURAL AND PAINT BOOTH DRAWINGS FOR ADDITIONAL INFORMATION).
- (A1.60) RECESS SLAB 1" SLOPE TO DRAIN 1/4:12.
- (A1.70) VERIFY EXACT LOCATION FOR 2" I.D. MIN. PVC SLEEVE. LOCATION AND EXACT PLACEMENT OF EQUIPMENT WITH OWNER (REF. SHEET A4.2).

- (A1.80) PRE-FINISHED METAL DOWNSPOUTS.
- (A1.90) HIGH/ LOW WATER FOUNTAIN (RE: MEP).
- (A1.100) CONCRETE FILLED BOLLARD WITH PLASTIC SLEEVE (RE: SP1.1).
- (A1.110) PRE-CAST CONCRETE BOLLARD, BELSON MODEL TF6010 STYLE A, GRAY MATRIX W/ TAN EXPOSED AGGREGATE.
- (A1.120) 8'-0" TALL CHAIN LINK FENCE W/ H.D. CORNER POSTS, INTERMEDIATE POSTS @ 8'-0" o.c. (MAX.), TOP RAIL, AND ALL REQUIRED HARDWARE.

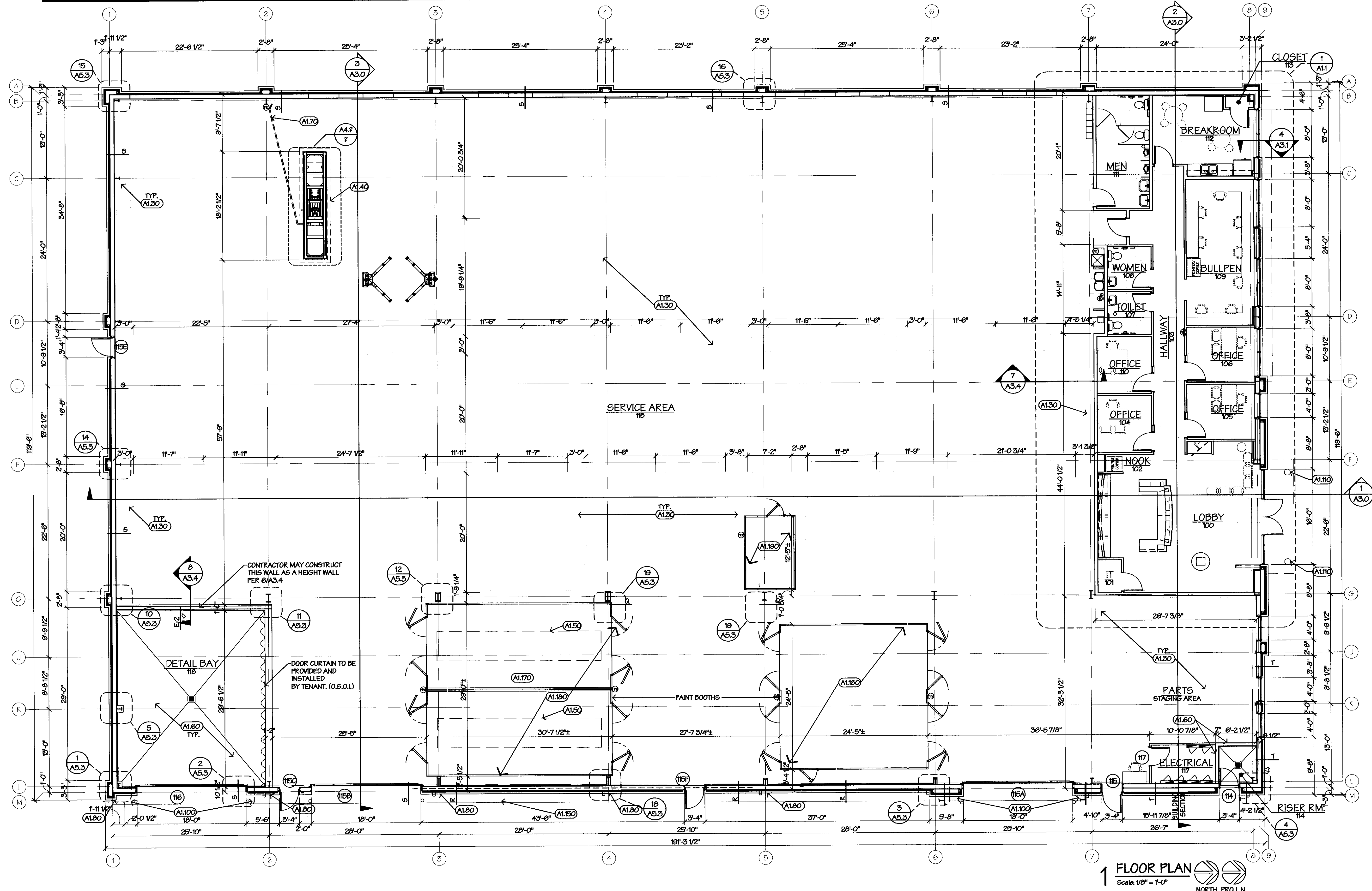
- (A1.130) 8'-0" x 4'-6" TAMPER RESISTANT SLIDING GATE w/ TUBE FRAMED CHAIN LINK PANEL, GUIDE RAILS, TRACK, ROLLERS, AND ALL REQUIRED HARDWARE. (PADLOCK TO BE O.S.C.I.)
- (A1.140) -
- (A1.150) 2'-0" CONCRETE APRON
- (A1.160) 6" CURB - DETAIL 2/A3.4
- (A1.170) PAINT BOOTH #1 - WITH UNDER SLAB CHANNELS - SEE INCLUDED EQUIPMENT DRAWINGS
- (A1.180) PAINT BOOTH #2 - SEE INCLUDED EQUIPMENT DRAWINGS
- (A1.190) MIX ROOM - SEE INCLUDED EQUIPMENT DRAWINGS

GENERAL NOTES:

- ALL DIMENSIONS ARE FACE OF GYP. OR FACE CMU UNLESS NOTED OTHERWISE.
- ALL DOORS UNLESS OTHERWISE NOTED TO BE LOCATED 4" OFF THE ADJACENT WALL.
- NOT ALL EQUIPMENT IS SHOWN FOR CLARITY (REFER SHEET A0.1 FOR ALL EQUIPMENT).
- FIRE SPRINKLER/ ALARM SYSTEM TO BE DESIGNED BY A LICENSED FIRE PROTECTION CONTRACTOR. INSTALL LATERAL LINES TO BE HELD TIGHT AGAINST THE BOTTOM OF STRUCTURE.
- GC TO INSTALL FIRE EXTINGUISHERS WHERE SHOWN ON PLANS. (RE. L51.0)
- REFER SHEET A3.4 FOR WALL TYPE, CONTROL JOINT, AND METAL STUD INFORMATION.
- SEE SHEET L51.0 FOR ADDITIONAL SIGNS AND FIRE EXTINGUISHER NOTES

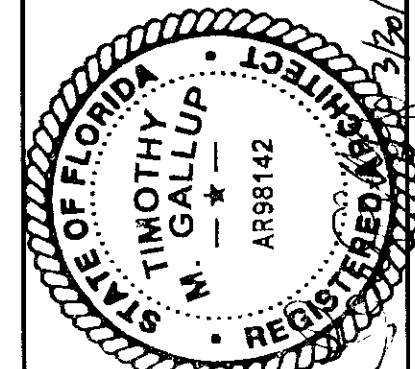
LEGEND:

STONE/ BRICK VENEER		5 LB (2A10B2C) FIRE EXTINGUISHER ON WALL BRACKET (SEE L51.0)	(FE)
NON-RATED WALL		10 LB (3A10B2C) FIRE EXTINGUISHER ON WALL BRACKET (SEE L51.0)	(FE2)
DOOR TAG		FIRE EXTINGUISHER CABINET w/ 5 LB. FIRE EXTINGUISHER (SEE L51.0)	(FE3)
PARTITION TYPE		FIRE DEPARTMENT CONNECTION	(FD)
PARTITION HEIGHT		DOWNSPOUT BY PEMP SUPPLIER DISCHARGE TO ????	(D.S.)



1 FLOOR PLAN
Scale: 1/8" = 1'-0"
NORTH PROJ. N.

CALIBER
COLLISION



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REVISIONS

NO. DATE BY DESCRIPTION

FLOOR PLAN

CALIBER
COLLISION

FILE NAME: 1622006
DRAWN BY: REN
DATE: 3/6/2017
REVIEWED BY: TMG

A1.0

LEGEND:

- (A12.10) GUTTER - COOL DARK BRONZE (PROVIDED BY METAL BUILDING COMPANY).
 (A12.20) PRE-FINISHED METAL BUILDING "R" PANEL ROOFING. *
 (A12.30) METAL DOWNSPOUT - COOL DARK BRONZE (PROVIDED BY METAL BUILDING COMPANY).
 (A12.40) GRAVITY VENT w/ CAP - RE. MEP
 (A12.50) PRE-FINISHED, SLOPED SHEET METAL RAKE CAP/TRIM - COOL DARK BRONZE (PROVIDED BY METAL BUILDING COMPANY).

- (A12.60) PRE-FINISHED STANDING SEAM METAL ROOF PANEL (PROVIDED BY METAL BUILDING COMPANY) *
 (A12.70) MISC. FLUE AND VENT CAPS RE. MEP
 (A12.80) HIGH RIDGE CAP COOL DARK BRONZE (PROVIDED BY METAL BUILDING COMPANY)
 (A12.90) SLOPE RAKE CAP - COOL DARK BRONZE (PROVIDED BY METAL BUILDING COMPANY)
 (A12.100) EXHAUST FAN WEATHERPROOF ROOF CAP

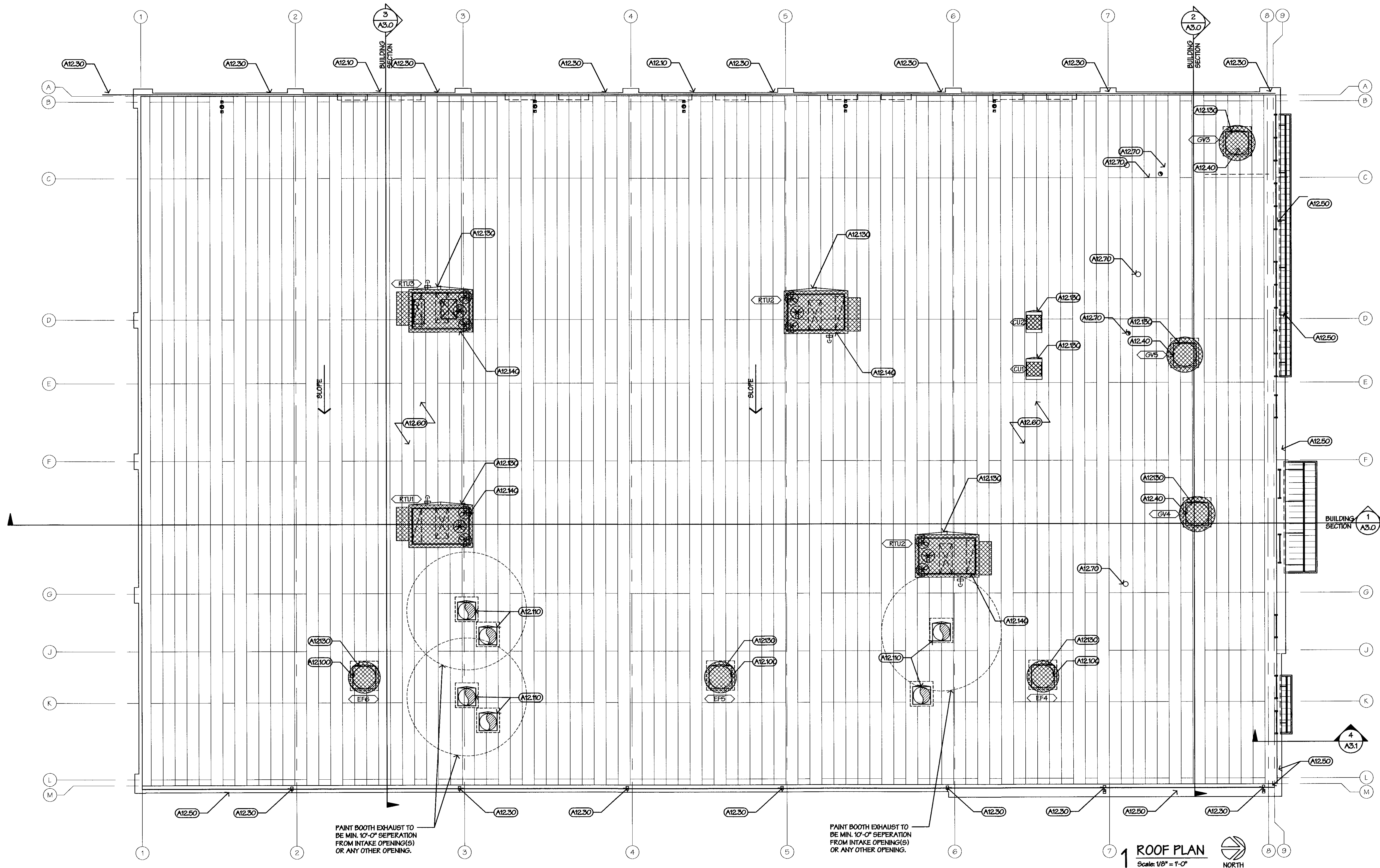
- (A12.110) PAINT BOOTH CURBS (MTL. BUILDING COMPANY TO PROVIDE; COORDINATE WITH PAINT BOOTH VENDOR)
 (A12.120) ROD BRACED PRE-FABRICATED METAL AWNING - COOL SIERRA TAN
 (A12.130) CRICKET METAL ROOF
 (A12.140) ROOF CURB FOR RTU's TO BE PROVIDED BY THE METAL BUILDING MFR.

- (A12.150) ROOF SCREEN SUPPORTS TO BE PROVIDED BY THE METAL BUILDING MFR. (TYP.)

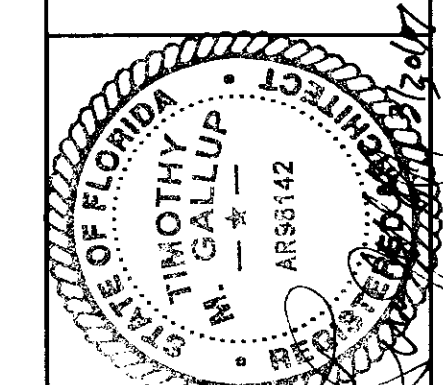
* PRE-FINISHED METAL ROOF TO MEET ONE OF THE FOLLOWING CRITERIA:
 1. 3 YEAR SOLAR REFLECTANCE INDEX OF 64. PER ASTM E 1980.
 2. 3 YEAR SOLAR REFLECTANCE OF 0.55 AND THERMAL EMITTANCE OF 0.75 PER CRITERIA LISTED IN IECC TABLE C401.3. VARGO PRUDEN ROOF PANELS TO BE COOL EGYPTIAN WHITE - BNSH37B

GENERAL NOTES:

1. RE: MECH. DRAWINGS FOR ADDITIONAL VENTS AND FLUE LOCATIONS



**CALIBER
COLLISION**



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NO.	DATE	BY	DESCRIPTION	REVISIONS

**CALIBER
COLLISION**
STATE RD 7 / US 441
HOLLYWOOD, FLORIDA
PROJECT NO. 182006

FILE NAME: 182006
DRAWN BY:
DATE: 3/6/2017
REVIEWED BY: TNG

A1.4