



CITY OF
DEVELOPMENT SERVICES
PLANNING DIVISION

GENERAL APPLICATION

APPLICATION DATE: 09/12/2023

2600 Hollywood Blvd

Room 315

Hollywood, FL 33022

Tel: (954) 921-3471

Email: Development@Hollywoodfl.org

SUBMISSION REQUIREMENTS:

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

NOTE:

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

[CLICK HERE FOR FORMS, CHECKLISTS, & MEETING DATES](#)

APPLICATION TYPE (CHECK ONE):

- Technical Advisory Committee
- Administrative Approvals
- City Commission
- Historic Preservation Board
- Planning and Development Board

PROPERTY INFORMATION

Location Address: 2718, 2726, 2734 AND 2750 VAN BUREN ST, HOLLYWOOD

Lot(s): 14, 15, 16, 17, 18 Block(s): 29 Subdivision: Hollywood Littlefield

Folio Number(s): 514216022810, 514216022811, 514216022860, 514216022870

MC-1

Zoning Classification: MC-1 Land Use Classification: RAC

Existing Property Use: SF. CHURCH. LAND Sq Ft/Number of Units: N/A

Is the request the result of a violation notice? () Yes () No If yes, attach a copy of violation.

Has this property been presented to the City before? If yes, check all that apply and provide

File/Resolution/Ordinance No.: PACO & PRE-TAC (23-DP-12)

DEVELOPMENT PROPOSAL

Explanation of Request: NEW CONSTRUCTION, 145 UNIT, 128,294 FAR SF MULTIFAMILY BUILDING WITH AMENITIES SUCH AS POOL, GYM & SPA

Phased Project: Yes / No Number of Phases: NA

Project	Proposal		
Units/rooms (# of units)	145	(Area:	S.F.)
Proposed Non-Residential Uses	0		S.F.
Open Space (% and SQ.FT.)	43.2%	(Area: 36,994	S.F.)
Parking (# of spaces)	183	(Area:	S.F.)
Height (# of stories)	4	(45	FT.)
Gross Floor Area (SQ. FT)	153,1080		

Name of Current Property Owner: UNITY CIRCLE LLC & 28TH AVE FACILITY

Address of Property Owner: PO BOX 817689 HOLLYWOOD FL 33081

Telephone: _____ Email Address: prdeutsch@aol.com

Applicant JOSEPH B KALLER, AIA, LE Consultant | Representative | Tenant (check one)

Address: 2417 HOLLYWOOD BLVD, HOLLYWOOD Telephone: 954-920-5746

Email Address: JOSEPH@KALLERARCHITECTS.COM

Email Address #2: MENACHEM@CAPITALLGROUP.COM

Date of Purchase: _____ Is there an option to purchase the Property? Yes No

If Yes, Attach Copy of the Contract.

Noticing Agent (FTAC & Board submissions only) : Cutro & Associates

E-mail Address: cutroplanning@yahoo.com

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: Peter Deutsch Date: 5/19/23

PRINT NAME: Peter Deutsch Date: _____

Signature of Consultant/Representative: Joseph Blauer Date: 5/22/23

PRINT NAME: Joseph B. Blauer Date: 5/22/23

Signature of Tenant: _____ Date: _____

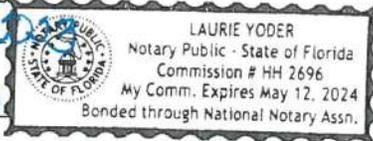
PRINT NAME: _____ Date: _____

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 Preliminary TIC Renewal to my property, which is hereby made by me or I am hereby authorizing Joseph B. Blauer to be my legal representative before the Technical Advisory (Board and/or Committee) relative to all matters concerning this application.

Sworn to and subscribed before me this 22 day of May

Laurie Yoder
Notary Public
State of Florida



Peter Deutsch
Signature of Current Owner

Peter Deutsch
Print Name

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

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Applicant JOSEPH B KALLER, AIA, LE Consultant | Representative | Tenant (check one)
 Address: 2417 HOLLYWOOD BLVD, HOLLYWOOD Telephone: 954-920-5746
 Email Address: JOSEPH@KALLERARCHITECTS.COM
 Email Address #2: MENACHEM@CAPITALGROUP.COM

Date of Purchase: _____ Is there an option to purchase the Property? Yes No
 If Yes, Attach Copy of the Contract.

Noticing Agent (FTAC & Board submissions only) : Cutro & Associates
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(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: Anette Date: 9/18/23

PRINT NAME: Annette Inola, Manager Date: _____

Signature of Consultant/Representative: Joseph B. Kauer Date: 9/18/23

PRINT NAME: Joseph B. Kauer Date: 9/18/23

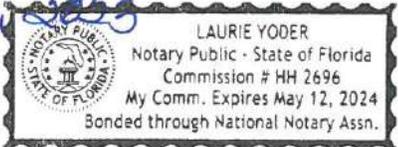
Signature of Tenant: _____ Date: _____

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 Technical Advisory Review to my property, which is hereby made by me or I am hereby authorizing Joseph B. Kauer to be my legal representative before the Technical Advisory (Board and/or Committee) relative to all matters concerning this application.

Sworn to and subscribed before me
this 18th day of September, 2023
Laurie Yoder
Notary Public
State of Florida



Anette
Signature of Current Owner

Annette Inola, Manager
Print Name

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



TECHNICAL ADVISORY COMMITTEE REPORT

June 5, 2023

Unity Circle LLC
6340 Sunset Drive
Miami, Florida 33143

FILE NUMBER: 23-DP-12

SUBJECT: Preliminary Site Plan review for a 145-unit residential development (Van Buren Apartments)

SITE DATA

Owner/Applicant: Unity Circle LLC, 28th Avenue Facility LLC% Peter Deutsch and Jackson Street Facility LLC% Peter Deutsch
Address/Location: 2718, 2726, 2734 and 2750 Van Buren Street
Net Size of Property: 85,536 sq. ft. (1.96 acres)
Land Use: Regional Activity Center (RAC)
Zoning: Multifamily Residential Core District (MC-1)
Present Use of Land: Institution and Residential
Year Built: 1957-1972 (Broward County Property Appraiser)

ADJACENT LAND USE

North: Regional Activity Center (RAC)
South: Regional Activity Center (RAC)
East: Regional Activity Center (RAC)
West: Regional Activity Center (RAC)

ADJACENT ZONING

North: Transitional Core District (TC-1)
South: Multifamily Residential Core District (MC-1)
East: Multifamily Residential Core District (MC-1)
West: Multifamily Residential Core District (MC-1)

APPLICANTS MUST ADDRESS ALL COMMENTS AND FINDINGS AS IDENTIFIED BY MEMBERS OF THE TECHNICAL ADVISORY COMMITTEE BOTH IN WRITING (IDENTIFY PAGE NUMBER OF THE CORRECTION) AND ON THE SITE PLAN (ALL CHANGES MUST BE IDENTIFIED, I.E. BUBBLED)

A. APPLICATION SUBMITTAL

Carmen Diaz, Planning Administrator (cdiaz@hollywoodfl.org) 954-921-3471

1. Application Form:

- a. There are three owners for these properties. Please provide proof of authorized agent for each owner

There are three (3) Owners including 28th Ave Facility LLC, Jackson Street Facility LLC, Unity Circle LLC. Peter Deutsch is one of the property Owners and Annette Iraola is another property owner under each LLC. Annette is listed as the Authorized Agent for Unity Circle LLC and 28th Ave. Facility which she signed one of the applications. Peter Deutsch signed the other application as the authorized agent for Jackson Street Facility LLC.

- b. Who is the Developer or Applicant for this project?

Menachem Trietel with CapitALL Group

- c. Has this property been presented to the City before? Yes. Provide property address and resolutions.

Yes we went to Pre-TAC twice due to the design of the building changing substantially but finally this is being set and finalized. The resolution # is 23-DP-12.

2. Ownership & Encumbrance Report (O&E):

- a. Who prepared the O&E report?

Elliot Zaks from Madison Title Agency. Please see the attached revised O&E report showing the information.

- b. Provide date on the O&E report.

Please see the attached revised O&E report showing the information.

- c. Work with Engineering Division to ensure the O&E is accurate and all easements and dedications are indicated.

Understood. Yes we will and O&E report shows all encumbrances and easements.

- d. Ensure O&E addresses the requirements on the TAC submittal checklist:

<http://www.hollywoodfl.org/ArchiveCenter/ViewFile/Item/453>

Understood. Yes we will and O&E report shows all encumbrances and easements.

3. Alta Survey:

- a. The zoning information on the survey is not correct. Please revise.

Please see attached revised survey showing the zoning information removed.

- b. Alta survey shall be based on and dated after O&E.

Please see attached revised O&E report showing the search occurring before the survey.

- c. Easements and/or dedications with O.R. or plat books and page numbers.

Understood. Yes we will and O&E report shows all encumbrances and easements. Survey is matching and incorporating the O&E Report.

- d. Work with the Engineering Division to ensure the survey includes the appropriate elements such

as all easements and dedications are indicated.

Understood. Yes we will and O&E report shows all encumbrances and easements. Survey is matching and incorporating the O&E Report.

4. Provide plat determination letter from the County. Should platting be necessary, prior to Final TAC submittal County Plat comments are required. Plat shall be submitted for recordation prior to submitting for Planning and Development Board. Plat determination letter shall be for all properties in this project.

Please see the attached plat determination letter.

5. Indicate past, current and future meeting dates as they happen (not submittal dates) on Cover Sheet. Indicate specific Board/Committee (i.e. TAC, PDB, etc.) For future Board/Committee dates not known, leave blank until staff has advised of next meeting date. Revise the date for TAC 1 or Preliminary TAC as it is May 22nd, 2023.

Public Participation meeting is being scheduled currently and will occur prior to submitting for Sign Offs.

6. A public participation outreach meeting shall be required for Land Use, Rezoning, Special Exception, and Site Plan requests. Applicants shall conduct at least one public participation outreach meeting and provide mailed written notice to all property owners and certified/registered civic and neighborhood association(s) within 500 feet of the proposed project. Fifteen days prior to the meeting, the applicant shall mail such notice and post a sign on the property, including the date, time, and place of the public participation outreach meeting. Such meeting shall occur prior to the applicable Committee, Board or City Commission submittal and the Applicant shall include in its application packet a letter certifying the date(s), time(s), location(s), a copy of the sig-in sheet, presentation material and general summary of the discussion, including comments expressed during the meeting(s).

- a. Highland Gardens Civic Association
- b. North Central Hollywood Civic Association

Visit <http://www.hollywoodfl.org/204/Neighborhood-Association-Contact-List> for Contact Information.

Public Participation meeting is being scheduled currently and will occur prior to submitting for Sign Offs.

7. Additional comments may be forthcoming.

Understood.

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

Understood.

B. ZONING

Carmen Diaz, Planning Administrator (cdiaz@hollywoodfl.org) 954-921-3471

1. Site Plan:

- a. Provide a cover sheet with a location map and drawing index.

Please see the attached revised cover sheet with location map and drawing index.

- b. Include a note on the site plan indicating that all changes to the design will require planning review and may be subject to Board approval.

Please see the attached revised Site Plan showing the requested note.

- c. Provide a North arrow on the plans.

Please see the attached revised Site Plan showing the North arrow.

- d. Dimension all balcony setbacks to all property lines. Per Sec. 4.6.B.3.a.(9)(i), balconies may encroach a maximum of 75% into the required setback.
Please see the attached revised plans which show the balconies encroaching to the max 75% of the required setback.
 - e. Show the building and parking setbacks on the Site Plan, sheet A-1.0.
Please see the attached revised Site Plan showing the parking and building setbacks on each side.
 - f. What are the red dashed lines? If they are setbacks, please label, otherwise eliminate.
Yes they're setbacks and landscape buffer requirements. Please see the attached revised Site Plan showing the labels.
 - g. The walkways on the west and east side of the building shall be labeled and provide setbacks.
Please see the attached revised Site Plan showing the requested dimensions for setbacks and labels.
 - h. Parking spaces shall have curbing instead of wheel stops. Indicate curb type on Site Plan.
Please see the attached revised Site Plan showing curb stops for the internal parking underneath the building and continuous curbing for the parking fronting the rear, sides and front.
 - i. Parking on the ground floor shall be screened with architectural features and landscape.
Please see attached revised facades, renderings and plans showing the screening of parking underneath the building.
 - j. The loading area on the west side of the building, is it underneath the building? Is it exposed? Provide screening.
Please see the attached revised plans showing the loading spaces. The loading spaces are outside of the building and are open to the sky.
 - k. Explain how the dumpster/recycle containers will be taken outside.
Please see the attached revised Site Plan showing the dumpster location. The maintenance team for the building will push the dumpster to the front of the building at Van Buren Street on trash pickup days and the trash truck will load it into the truck. Then the maintenance team will return it to the trash room underneath the building.
 - l. What amenities are you providing? Show floor plan.
Please see the attached revised Floor Plans showing the gym, amenities, etc.
 - m. Identify location of guest parking spaces on the Site Plan.
Please see the attached revised Site Plan showing the guest parking spaces labeled from space #s 32-45.
2. Site Tabular Data:
- a. The existing land use is incorrect. Land Use is RAC.
Please see the attached revised Site Information and Application showing the land use as RAC.
 - b. The total site area shall match the net area on the survey.
Please see the attached revised site data sheet showing the matching net area on the survey.
 - c. Provide the required landscape area and the proposed landscape area per floor.
Please see the attached revised Site Plan showing the required landscape buffers and dimensions

and proposed Landscape Architecture plans.

- d. Per Sec. 4.6.B.3.a.(7), include the minimum required and provided dwelling unit sizes and cumulative averages. Provide a breakdown of all units per floor, including balcony area.
Please see the attached revised Site Data showing the unit breakdown with unit sizes, cumulative averages, breakdown per floor, etc.
 - e. Eliminate some zoning information that do not pertain to the RAC, such as, maximum lot coverage, residential density, estimated residential units allowed, leasable/salable area
Please see the attached revised Site Data revised to remove any irrelevant data.
3. Show a diagram how the FAR has been calculated. Please provide on a separate sheet.
Please see the attached revised FAR diagram on separate Sheet A-0.3.
 4. Provide the VUA calculation diagram on a separate sheet.
Please see the attached VUA diagram on Sheet A-0.4.
 5. This district MC-1 requires 40% landscape area. All green areas shall be accessible and have 100% irrigation. Show calculation of green areas.
Please see the attached calculation of Open Space green areas. We have provided 30,296 Sq. Ft. of Open Space landscape area on roof of 13,298.98 Sq. Ft. and the ground floor is 16,997.98 sq ft. which is 30,296 Sq. Ft. combined to meet the minimum requirements by Code for Open Landscape area.
 6. Work with the City's Landscape Architect to ensure that all landscape requirements are met.
Understood. Please see the attached Landscape Architecture plans to meet City requirements.

C. ARCHITECTURE AND URBAN DESIGN

Carmen Diaz, Planning Administrator (cdiaz@hollywoodfl.org) 954-921-3471

1. On the second floor, there are amenities. Is the green area landscaped? Is it accessible? Please label the green area
Please see the attached revised A-1.2 plan which shows the green areas as Open Space landscaped green areas or paved areas clearly labeled and hatched.
2. On the roof floor, the plan shows a roof terrace and pergola. Are there other amenities, sitting areas or grill areas on this floor?
No there are not other amenities at this time. The space is an open space with a pergola terrace.
3. Is the green area on the roof accessible by the residents? Label green area.
Yes it's accessible to the residents only. Not to the Public. Please see the attached revised plans which show the landscaped areas and paved areas clearly labeled and hatched.
4. Provide a detail for the fence and all gates. Ensure the design is compatible with the building.
Please see the attached revised plans which show the gate and fence details as requested.
5. Provide a detail for the screening of the garage.
Please see the attached revised plans which show the screening of the garage as requested.
6. The N.W. rendering, sheet R-1.8 does not show the screening on the ground floor garage.
Please see the attached revised plans and renderings which show the screening on the ground floor.
7. Sheet A-1.7 shows a detail of typical concrete curb detail but the concrete curb is not shown on the Site

Plan.

Please see the attached revised plans which show the typical curbing occurring on the parking closest to the side, front and rear setback.

8. The South Elevation shows a 10' setback and the property line, however, the property line seems to be further away from 10'.

Please see the attached revised South Elevation which shows the setback properly labeled and designed.

9. Provide a note: All changes to the design will require Planning review and may be subject to Board approval.

Please see the attached revised Site Plan which show the note as mentioned.

10. Ensure that all plumbing, mechanical and electrical fixtures and equipment are indicated on the Site Plan and elevations.

Yes plans show all the plumbing, mechanical and electrical fixtures and equipment on the site plan.

11. Work with the Building Department to ensure that adequate ventilation is provided for the parking garage.

Understood.

D. SIGNAGE

Carmen Diaz, Planning Administrator (cdiaz@hollywoodfl.org) 954-921-3471

1. Provide the following note: All signage shall be in compliance with the Zoning and Land Development regulations.

Please see the attached revised Site Plan showing the note.

E. LIGHTING

Carmen Diaz, Planning Administrator (cdiaz@hollywoodfl.org) 954-921-3471

1. Provide note: Maximum foot candle level at all property lines maximum 0.5 if adjacent to residential.

Please see the revised Site Plan sheet showing the maximum foot candle level as requested.

F. GREEN BUILDING & ENVIRONMENTAL SUSTAINABILITY

Carmen Diaz, Planning Administrator (cdiaz@hollywoodfl.org) 954-921-3471

1. As per the City of Hollywood's green building ordinance in Chapter 151, the project will require a third party green building certification since this project has more than 20,000 square feet of total floor area. USGBC's LEED certification or Florida Green Building Coalition certification are the minimum standards. Include which third party certification program this project has chosen in a note on the site plan and provide green registration documentation with next submittal.

Please see the attached revised Site Plan showing the note.

1. Indicate on the site plan where the infrastructure necessary for future installation of electric vehicle-charging equipment will be located. (See 151.154, Ordinance O-2016-02) Consider placing it adjacent to a handicapped space so that the future charger will be accessible from both types of spaces. Recommend to locate the charging stations on the visitor parking spaces.

Please see the revised Site Plan sheet showing the location of the electric vehicle chargers required by Code.

2. Work with Building Department to ensure compliance with Green Building Ordinance. Review and adjust drawings as necessary. Indicate on drawings Green Building certification to be achieved and remove the

list of Green Building Practices.

Please see the revised Site Plan sheet showing the note as mentioned. The Client will be obtaining a green certification for the building by Zoning Code requirements.

G. ENGINEERING

Azita Behmardi, City Engineer (abehmardi@hollywoodfl.org) 954-921-3251

Clarissa Ip, Assistant City Engineer (cip@hollywoodfl.org) 954-921-3915

Stanislav Tsysar, Development Review Engineer Manager (stsysar@hollywoodfl.org) 954-921-3915

Rick Mitinger, Transportation Engineer (rmitinger@hollywoodfl.org) 954-921-3990

1. Provide a plat determination letter from the Broward County Planning Council.
Please see the attached plat determination letter.
2. O & E report not found as part of submittal; please provide it along with all applicable easement documents.
Please see the revised, latest and greatest O&E Report which includes any and all applicable easements, encumbrances, etc.
3. Unity of Title or equivalent will be required.
Understood. We will provide during permit submittal.
4. On the survey, provide a list of existing easements. Indicate if easement(s) will be vacated or remain.
Please see the attached Survey which shows all easements and encumbrances. Also the survey references and includes any listed items from the O&E report.
5. Provide and show on plans a 5' wide right-of-way dedication along Van Buren Street and 25'x25' corner chord at the intersection of Van Buren Street and 28th Avenue. Identify on plans the current property line and the property line after the dedication. All features of the proposed development shall begin from the proposed property line after the right-of-way dedication.
Please see the revised Site Plan showing the requested 5'-0" ROW dedication along Van Buren and the 25'x25' corner chord. All proposed development items are occurring from the new property line after dedication.
6. Provide an overall site plan with the following information:
 - a. Existing right-of-way width dimension and show limits of the rights-of-way on all streets/alleys adjacent to the site.
Please see the revised Site Plan showing the requested dimension of the ROW 5'-0" ROW dedication along Van Buren and the 25'x25' corner chord. All proposed development items are occurring from the new property line after dedication.
 - b. Include and show all surrounding elements of the site on plans, as applicable, i.e. adjacent alley, road, properties, limits of rights-of-way on both sides of adjacent streets or alleys including any curb cuts, edge of pavement, swale, sidewalks etc.
Please see the attached revised Site Plan showing all the surrounding elements as mentioned.
7. The Site Plan / Architectural Plans shall include the following information:
 - a. All features of the ROW shall be labeled and dimensioned, including but not limited to swales, sidewalks, the width of the roadway, adjacent property line, and adjacent driveway/curb cuts.
Please see the attached revised Site Plan showing all the surrounding elements as

mentioned.

- b. Show all vehicular turning radii, inside, center line, and outside, throughout the garage and at access locations.

Please see the attached revised Site Plan showing the radii inside the garage.

8. Provide civil plans for the proposed work indicating items such as but not limited to drainage improvements, curbing, all vehicle turning radii, sight triangles, pavement marking and signage plans and details as well as change in elevations to show that handicap accessibility has been met. Show the location of existing water and sewer mains on plans and show how the connection will be facilitated to the city system. For water and sanitary sewer connection, show any pavement restoration and details required for connections within the city rights-of-way. Full road-width asphalt pavement mill and resurfacing is required for adjacent streets along the frontage of the site. Additional pavement mill and resurfacing may be required for any off-site utility improvements.

Please see the attached Civil Engineering plans providing the requested information.

9. Please provide pavement marking plans for the site plan and Van Buren St.

Please see the attached Civil Engineering plans providing the requested information.

10. All pavement markings and signage are to meet the Broward County Traffic Engineer Standard details. Adjust all stop bars/signs and directional arrows to meet these standards. Please review and include these standard details in the plan set.

Please see the attached Civil Engineering plans providing the requested information.

11. Cover page for civil and site plan drawings, indicate the TAC meeting dates.

Please see the attached Civil Engineering plans providing the requested information.

12. Add a note to the site plan and civil plans that all roads adjacent to the project area will be fully milled and restored.

Please see the attached Site Plan showing the roads adjacent to the project area to be fully milled and restored. Also see attached Civil Engineering plans providing the requested information.

13. Sheet A-1.1, show the north arrow.

Please see the attached revised Sheet showing the North arrow.

14. Label and number the elevators and stairways

Please see the revised plans showing the elevators and stairs labeled.

15. Add note on Site Plan that for no security gates to be installed at the driveway Entrance/Exit.

Please see the revised Site Plan adding a note that no security gates will be installed at the driveway entrance/exit.

16. Building columns are required to be setback a minimum of 3 feet from the entrance of the stall. Please provide offset dimensions for building columns from the rear of the parking stalls. Dimensions were not provided in current submission.

Please see the revised plans showing the setback of 3' of the face of the column to the edge of the parking stalls.

17. Sheet A-1.0, parking calculations table, provide a separate line item for the ADA Van Accessible parking stalls required and being proposed; a minimum one is required. For the ADA parking requirement, include in the parking calculations the rate and source used to determine the required number of ADA-compliant parking spaces.

Please see the revised Site Data showing the ADA parking requirement and the proposed # of spaces along with the calculation.

18. Sheet A-1.0: Indicate the minimum loading space size requirement of 10'x25' and a minimum vertical clearance of 14' in the table.
Please see the revised site plan showing the loading space requirements being met dimensionally. Also please note the Exterior Elevations which show the height at _____ to provide for the minimum 14'-0" clear height for the loading space.
19. Provide dumpster location, dimensions, and details. Provide a rationale for how the garbage collection will be facilitated.
Please see the revised site plan showing the trash room with dimensions and details. The trash will be pulled out to the street in the morning during trash pickup days and times.
20. Provide vertical clearance for the garage entrance/exit, loading dock, and ADA-accessible parking stalls. A minimum 98" vertical clearance is required from the entrance of the garage to the ADA van-accessible stall.
Please see the revised site plan showing the loading space requirements being met dimensionally. Also please note the Exterior Elevations which show the height at _____ to provide for the minimum 14'-0" clear height for the loading space.
21. Label property lines on all sheets, please use arrows and leaders to clearly identify them.
Please see the revised site plan showing the labels and lines for property lines.
22. All non-vehicle areas shall be striped to clearly identify pedestrian areas and vehicular areas. (i.e., loading zone, any space next to parking stalls or walls etc.). Parking stalls and striping are to be designed to the City of Hollywood Standard Parking Stall detail. This striping should not be the same as the ADA parking stall access aisles.
Please see the revised site plan showing the non-vehicle areas as striped clearly to identify pedestrian areas. The striping is different than the ADA parking access design.
23. Provide visibility triangles as per City Code, Chapter 155.12 for the loading dock driveway access.
Please see the revised site plan showing the visibility triangles.
24. Indicate if there will be any security gates at the driveway openings. If so, please indicate the type of gate and how it operates (remote, sensor, card reader, etc.). Be sure to provide the space required for the gate's operation and provide sufficient vehicle queuing. All vehicle queuing shall be within private property. If entry is not gated, a minimum of one vehicle queuing space is required (8.5'x19' minimum).
No there will not be any security gate driveway openings. See attached elevations.
25. On A-1.1, indicate width of driveway openings at the property line.
Please see the revised site plan showing the opening width of the driveway openings at the property line.
26. On A-1.1, indicate direction of traffic flow for the Loading Dock driveway access. Driveway width shown on plan is 14'-4", which is sufficient for one-way traffic flow. Provide directional arrows on plans, indicate if trucks will be entering the loading spaces from the garage.

For the wheel paths, please identify and color code each maneuver for legibility. Include inside, centerline and outside turning radii on plan.

Please see the revised site plan showing the traffic flow arrows on the pavement. Please see

the drive aisle clearly showing the access for the loading trucks off of 28th Avenue. Also see the wheel paths as requested.

27. Indicate on Site Plan and civil plans type of curb around the parking garage perimeter, account for curb width accordingly. Curb width shall not be within setback area.
Please see the revised site plan showing the curbing around the outer parking spaces towards the parking garage perimeter. Curbing is not in the setback.
28. Details for the ADA ramp showing ADA standard compliance will be required at the time of building permit review.
Understood.
29. Sheet A-1.1, it appears a walkway is being proposed along the east (along Parking Stalls 155-164) and the west side of the building (Parking Stalls 4-10).
Please see the revised site plan showing the mentioned walkways with dimensions and labeling.
30. Please identify the material of all walkways and driveways/parking lots. Ensure details are provided that align with the requirements of the City of Hollywood. Material is not specified for the loading dock driveway access.
Please see the revised site plan showing the mentioned walkways with dimensions, labeling and material.
31. Please provide detectable warnings in compliance with FDOT. Provide FDOT standard detectable warning detail in plans. Sheet A-1.1, missing detectable warnings at the southwest corner of S 28th Ave. and Van Buren St.
Please see the Civil Engineering plans showing the FDOT standard detectable warning details. Also please see the attached revised Sheet A-1.1 showing the detectable warnings.
32. Please dimension and label all slabs and walkways. All slabs and walkways must be setback a minimum of 3 feet from the side property lines
Please see the revised site plan showing the mentioned walkways with dimensions, labeling and material.
33. ADA-accessible routes are required between accessibility parking and building access as well as an accessible route to the public rights-of-way. Please add a note on the site plan stating any lip from 1/4" but not greater than 1/2" will be beveled to meet ADA requirements. Identify any elevation differences or slopes from the sidewalk in the ROW and accessible parking stall to the entrance of the building. If there is no difference, state the transition is flush. Show the accessible routes on the site plan. Please note ADA stripping should follow the entire accessible route from the ADA parking stalls, show in plans.
Please see the revised site plan showing the note about the site plan ADA lip. Also we've provided the ADA accessible route and noted all elevation differences or flush notes as requested.
34. Civil and site plan drawings, show signage for ADA-accessible parking.
Please see the revised site plan showing the ADA accessible parking spaces and signage along with the Civil Engineering plans.
35. Provide trip generation calculation for the proposed development to determine if a traffic impact study will be required. Please note that traffic study reviews are done on a cost-recovery basis by the City's consultant.
Please see the attached trip generation calculation for the proposed development as

requested.

36. Please note that the City, in conjunction with the Downtown Community Redevelopment Agency, is working on developing a manual setting forth requirements for rights-of-way design and improvements guidelines in the RAC area. Continued coordination will be required.

Understood.

37. For utilities work within City rights-of-way, a ROW permit will be required at the time of permit.

Understood.

38. This project will be subject to the impact fees (inclusive of the park impact fee) under the new City Ordinance PO-2022-17, effective September 21, 2022.

Understood.

39. MOT plans will be required at the time of the City Building Permit review.

Understood.

40. All outside agency permits are required at the time of City Building Permit review.

Understood.

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

Understood.

H. LANDSCAPING

Favio Perez, Landscape Reviewer (fperez@hollywoodfl.org) 954-921-3900

Clarissa Ip, Assistant City Engineer (cip@hollywoodfl.org) 954-921-3915

No landscape plan submitted on set.

1. Satellite images show existing trees/palms.

Understood. Please see sheet L-1.

2. Provide a Tree disposition plan and landscape plan on separate sheets by a registered professional licensed Landscape Architect in the State of Florida that compliments the building architecture and uses, provides for shade, beautifies the site, accentuates site features, and serves as a buffer where appropriate.

That would be on sheets L-1, L-2 and L-3. L-4 will be the future irrigation plan.

3. According to Chapter 155.52 of the Code of Ordinances and the City of Hollywood Landscape Manual, Shade trees to be installed at a minimum size of 2" DBH/ 12' height. Existing trees meeting this criteria may be used as credit toward total requirement. Palm trees count toward tree requirements on a 3:1 basis, meaning 3 palms equal 1 broadleaf tree. Palms must be 8' CT min.

See plant list on sheet L-2.

4. Provide sight triangles on plans at intersection of driveway and property line – Sec. 155.12 (d)

See site triangles on the plans as requested.

5. Native plant requirements; 60% trees, 50% shrubs – Sec. 3.4.

See plant list on sheet L-2.

6. Label all sides of property weather there are 'Existing Overhead Powerlines' or 'No Overhead Powerlines'. Provide FPL approved trees for planting under powerlines.

All shown on sheet L-2.

7. Add note: 'Trees and Palms shall not be removed without first obtaining an approved Tree Removal Permit from the City of Hollywood.

See general notes on sheet L-3

8. Above ground equipment: Where required for screening purposes, hedge shall be planted at equipment height for visual screening.
All shown on the roof.
9. All landscaping shall be warranted for 1 year after final inspection.
See general notes on sheet L-3
10. Provide site requirements as per RAC zoning.
See calculations on sheet L-2.
11. Provide note indicating: 100% irrigation coverage shall be provided.
See general notes on sheet L-3
12. Additional comments may follow upon further review of requested items and information provided. We encourage you to reach out for any questions or clarification at fperez@hollywoodfl.org or 954-921-3900.
Understood.

I. UTILITIES

Alicia Verea-Feria, Floodplain Development Review Administrator (averea-feria@hollywoodfl.org) 954-921-3302

1. Submit civil engineering plans indicating existing and proposed water and sewer services for initial review.
Please see the attached civil engineering plans addressing the comment.
2. Show Water and Sewer demand calculations on proposed utilities plans.
Please see the attached civil engineering plans and calculations addressing the comment.
3. Clarify how the fire line will be serviced for this property, as applicable.
Please see the attached civil engineering plans addressing the comment.
4. Include the City's latest applicable standard water and sewer details. The details are available on the City's website via the following link: <http://www.hollywoodfl.org/1169/Standard-Details-and-Public-Notices>.
Please see the attached civil engineering plans with the City of Hollywood standard water and sewer details addressing the comment.
5. This site resides currently within FEMA Flood Zone X. The proposed FFE should comply with the proposed Finished Floor Elevations (FFE) requirements and shall comply with the greatest of the following three (3) conditions, as applicable.
 - a. Section 154.50 of the City's Code of Ordinances requires the minimum FFE for residential shall be, at a minimum, 18-inches above the elevation of the crown of the adjacent road or 6-inches, at a minimum, for non-residential use.
Please see the attached SP-1 Sheet showing the FFE of the ground floor levels and civil engineering plans addressing the comment.
 - b. Broward County Preliminary 2019 FEMA Flood Maps (as recommended), available online via the following link:
<https://bcgis.maps.arcgis.com/apps/View/index.html?appid=ea44837317bd47eaa5373ce3e2f01b6e>; OR
Please see the attached SP-1 Sheet showing the FFE of the ground floor levels and civil engineering plans addressing the comment.

- c. Broward County Future Conditions 100-year Flood Map 2060 (in effect as of July 2021), available online via the following link:
<https://bcgis.maps.arcgis.com/apps/webappviewer/index.html?id=ec160b81e7f84bdeacda62575e817380>

Please see the attached SP-1 Sheet showing the FFE of the ground floor levels and civil engineering plans addressing the comment.

6. Indicate FFE for all enclosed areas on the ground floor.
Please see the attached SP-1 Sheet showing the FFE of the ground floor levels and civil engineering plans addressing the comment.
7. Provide perimeter cross-sections across all property limits including transition areas meeting adjacent property grades.
Please see the attached civil engineering plans addressing the comment.
8. Ensure all stormwater is retained onsite.
Please see the attached civil engineering plans addressing the comment.
9. Indicate how roof drainage will be collected and connected to the on-site drainage system
The roof drainage will be designed as an internal roof drainage system which will connect to the proposed civil engineering drainage systems as coordinated with the Plumbing engineer prior to permitting.
10. Provide preliminary drainage calculations.
Please see the attached civil engineering plans addressing the comment.
11. Submit the Erosion Control Plan and details.
Please see the attached civil engineering plans addressing the comment.
12. Permit approval from outside agencies will be required.
Understood.
13. Landscape plans to be submitted should coordinate with civil plans to accommodate for drainage features.
Understood.
14. Additional comments may follow upon further review of requested items
Understood.

J. BUILDING

Russell Long, Chief Building Official (rlong@hollywoodfl.org) 954-921-3490

Daniel Quintana, Assistant Building Official (dquintana@hollywoodfl.org) 954-921-3335

1. No comments received.

Understood.

K. FIRE

Chris Clinton, Fire Marshal (cclinton@hollywoodfl.org) 954-967-4404

Marcy Hofle, Deputy Fire Marshall (mhofle@hollywoodfl.org) 954-967-4404

1. Fire review for TAC is limited to fire department access and minimum fire flow requirements for water supply for firefighting purposes. --- A complete architectural review will be completed during formal

application of architectural plans to the building department.

Please see the attached fire flow test along with fire calculations from Civil Engineering.

2. Plan page A-1.1 shows two exit stairwells discharging into the parking level which does not appear to be code compliant (see codes below) with respect to "Public Way."

As per NFPA 101 (2018 Ed.) Section 7.2.3.5.1 --- "Every smokeproof enclosure shall discharge into a public way, into a yard or court having direct access to a public way, or into an exit passageway. Such exit passageways shall be without openings, other than the entrance to the smokeproof enclosure and the door opening to the outside yard, court, or public way. The exit passageway shall be separated from the remainder of the building by a 2-hour fire resistance rating."

As per NFPA 101 (2018 Ed.) Section 3.3.228 (Public Way) --- "A street, alley, or other similar parcel of land essentially open to the outside air deeded, dedicated, or otherwise permanently appropriated to the public for public use and having a clear width and height of not less than 10 ft (3050 mm). (SAF-MEA)"

As per NFPA 101 (2018 Ed.) Section 7.2.3.5.2 --- "The smokeproof enclosure shall be permitted to discharge through interior building areas, provided that all of the following criteria are met:

- a. The building shall be protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.
- b. The discharge from the smokeproof enclosure shall lead to a free and unobstructed way to an exterior exit, and such way shall be readily visible and identifiable from the point of discharge from the smokeproof enclosure.
- c. Not more than 50 percent of the required number and capacity of exits comprised of smokeproof enclosures shall discharge through interior building areas in accordance with 7.7.2.

Please see the attached revised floor plans directing the stair egress directly to the open air, away from the parking garage.

3. Two dead-end corridors are noted on page A-1.3. Show on the plans compliance with NFPA 101 (2018 Ed.) Section 30.2.5.4.2 --- "Dead-end corridors shall not exceed 50 ft. (15 m) in buildings protected throughout by an approved, supervised automatic sprinkler system in accordance with 30.3.5."

Please see the attached revised floor plans which show the distance at less than the 50' dead end limitation.

4. The egress door swing directions on page A-1.2 are incorrect when leaving the pool deck into the north and west exits.

Please see the attached revised A-1.2 showing the opposite direction for the door for egress.

5. As per NFPA 1 (2018 Ed.) Section 12.3.2 --- In new buildings three stories or greater in height, a quality assurance program for the installation of devices and systems installed to protect penetration and joints shall be prepared and monitored by the RDP responsible for design. Inspections of firestop systems and fire-resistive joint systems shall be in accordance with 12.3.2.1 and 12.3.2.2. --- Inspections of fire stop systems and fire-resistive joint systems shall be in accordance with 12.3.2.1 and 12.3.2.1. --- Architectural plans will be required to show this information moving forward for buildings three stories or greater in height. Provide a note on the plan regarding NFPA 1 (2018 Ed.) Section 12.3.2.

Understood. Will be provided at the time of permitting.

6. Water supply shall meet NFPA 1 (2018 Ed.) Section 18.4.5.3. --- In order to determine the minimum fire flow for firefighting purposes, a hydrant flow test will need to be scheduled through our underground utilities dept., underground@hollywoodfl.org. --- After the results are completed, the civil engineer shall show on

civil drawings the calculations using table 18.4.5.2.1 showing that the project meets the minimum fire flow requirements for the building. --- For your convenience, I have attached a sample Fire Flow Calculation letter which can be used as a template.

Please see the attached fire flow test along with fire calculations from the Civil Engineer.

7. Provide civil drawings for the underground fire main. Provide such including the location of the fire department connection, DDCV, and size of the fire line from the water supply. --- Check with our water department for city requirements in addition to fire. --- Ensure on the plans that there is a fire hydrant within 100 feet of fire department connections.

Please see the attached Civil Engineering drawings including the fire main for FDC, DDCV and size of the fire line from water supply.

8. Water supply and any new hydrants shall be in place prior to accumulation of combustibile materials per NFPA 1 (2018 Ed.) Section 16.4.3.1.1. --- Provide a note on the plans.

Please see the attached Civil Engineering plans with the requested note.

9. Provide a note on civil drawing all underground fire main work must be completed by fire protection contractor holding a Class I, II, or V license per FS 633.102.

Please see the attached Civil Engineering plans with the requested note.

FIRE FLOW CALCULATIONS
NEW MIXED USE DH-3
A Ten Story Mixed Use Building
810 South Dixie Highway, Hollywood

These calculations are for a ten (10) story mixed use building, with a total ground floor square footage of 1,988 SF. The entire building is non-combustible construction.

Fire Flow Area = 24,228 SF

Based on Type II (222) construction. Per NFPA 18.4.4.1 Fire Flow Area, the fire flow area is based on the total square footage of the three largest floors, which is 24,228 square feet.

Per Table 18.4.5.2.1, the fire flow requirement is 1,750 gpm for 2 hours.

NFPA 18.4.5.3.2 states that the required fire flow can be reduced by 75% if the building has automatic sprinklers.

$1,750 \text{ gpm} \times 75\% = 1,312.50 \text{ gpm}$ (fire flow credit)

$1,750 \text{ gpm} - 1,312.50 \text{ gpm} = 437.50 \text{ gpm}$

The minimum fire flow per NFPA 18.4.5.3.2 is 1,000 gpm

Fire flow required = 1,000 gpm

L. PUBLIC WORKS

Annalie Holmes, Public Works Director (aholmes@hollywoodfl.org) 954-967-4207

Daniel Millien, Environmental Services Manager (dmillien@hollywoodfl.org) 954-967-4207

1. No comments received.

Understood.

M. PARKS, RECREATION AND CULTURAL ARTS

David Vazquez, Assistant Director (dvazquez@hollywoodfl.org) 954-921-3404

1. Park Impact Fee application required.

Please see the attached park impact fee application.

N. COMMUNITY DEVELOPMENT

Liliana Beltran, Housing Inspector (lbeltran@hollywoodfl.org) 954-921-2923

1. No comments received.

Understood.

O. ECONOMIC DEVELOPMENT

Joann Hussey, Interim Director (jhussey@hollywoodfl.org) 954-924-2922

Herbert Conde-Parlato, Economic Development Manager (hconde-parlato@hollywoodfl.org) 954-924-2922

1. Application is substantially compliant.

Understood.

P. POLICE DEPARTMENT

Christine Adamcik, Police (cadamcik@hollywoodfl.org) 954-967-4371

Steven Bolger, Police (sbolger@hollywoodfl.org) 954-967-4500

Doreen Avitabile, Police (davitabile@hollywoodfl.org) 954-967-4371

1. Application is substantially compliant.

Understood.

1. Issue: Crime Prevention Through Environmental Design Blueprint Review/Recommendations.

Understood.

2. Explanation: The following recommendations were developed during the Crime Prevention Through Environmental Design review of the blueprints for "2718, 2726, 2734, 2750 Van Buren St. – Hollywood, Florida". Preliminary.

Note: Blueprint Crime Prevention Observations/Recommendations per ACPI (American Crime Prevention Institute) reference the addressed premises.

Understood.

CPTED Strategies.

3. Examples of clear border definition may include fences, shrubbery of signs in exterior areas.

Understood.

External Lighting:

4. Parking lots, vehicle roadways, pedestrian walkways and building entryways should have "adequate" levels of illumination. The American Crime Prevention Institute recommends the following levels of external illumination:

- a. Parking Lots 3-5 foot candles

- b. Walking surfaces 3 foot candles
- c. Recreational Areas 2-3 foot candles
- d. Building Entryways 5 foot candles

Understood.

5. These levels may be subject to reduction in specific circumstances where after hours use is restricted.

Understood.

6. The lighting fixture identification system should enable anyone to easily report a malfunctioning fixture.

Understood.

7. Exterior lighting should be controlled by automatic devices (preferably by photocell).

Understood.

8. Exterior lighting fixture lenses should be fabricated from polycarbonate, break-resistant materials.

Understood.

9. Plant materials, particularly tree foliage, should not interfere with or obscure exterior lighting.

Understood.

10. Lighting fixtures below 10' in grade should be designed to make access to internal parts difficult (i.e. security screws, locked access panels).

Understood.

Landscaping:

11. Make sure all landscaping is trimmed and well maintained.

Understood.

12. Make sure that landscaping does not obstruct the natural surveillance (visibility) of the area.

Understood.

13. Plant height appropriate shrubbery along walkways as to not obstruct visibility or allow individuals to hide behind.

Understood.

14. Plants/Shrubbery should not be more than 2ft in height.

Understood.

15. Tree canopies should not be lower than 6ft in height.

Understood.

Buildings Perimeter Doors:

16. Exterior doors not used as designated entry points, should be locked to prevent entry from the exterior.

Understood.

17. Ideally, exterior doors should be equipped with electronic propped door alarms, which annunciate either locally and/or at the security office.

Understood.

18. Lobby should be accessible to residents only.

Understood.

19. Electrical, mechanical, pump room, maintenance room, should be kept locked when not in use.

Understood.

20. Parking garage should be accessible to residents only. Guests can be given access by residents.

Understood.

Internal Circulation and Control:

21. There should not be recessed areas in corridors that could be used for hiding or loitering.

Understood.

22. Convex mirrors should be used in corners and in stairwells.

Understood.

23. Stairwells should have closed area at first level, to prevent someone from hiding beneath stairs.

Understood.

24. Glass elevator is recommended so residents can see out/in.

Understood.

25. Elevators and stairwells should be clearly visible from the lobby.

Understood.

26. Roof should be kept locked and have keycard access, given to those authorized.

Understood.

27. Lobby should remain locked after hours.

Understood.

28. Pool should have lifesaving equipment (for example: life ring, rope, etc.)

Understood.

29. Amenities area/pool should have a type of key card access.

Understood.

30. Bike Storage area should be well lit.

Understood.

31. Mailroom should remain locked when not in use.

Understood.

32. Office should remain locked when not in use.

Understood.

Corridors

33. Corridors should be well-lighted with no dark areas.

Understood.

34. Increased light, reflective paint colors, and graphics on hallway wall surfaces should be used to increase the perception of openness and constant movement.

Understood.

General locations:

35. Mechanical, electrical, HVAC, or other equipment located outside the building should be surrounded by a protective enclosure. Ex. Dumpster enclosures.

Understood.

36. AC units should not be accessible to tenants.

Understood.

CCTV:

40. CCTV provides surveillance that can detect criminal activity and record the footage, which can be useful in an investigation. Conspicuous CCTV is another type of deterrent to a criminal. There are some difficulties in monitoring parking facilities because of shadows, spaces between parked vehicles; and columns, ramps, and walls in parking garages; that is why lighting is also essential in these areas.

Understood.

Fencing:

41. (If used) Wrought iron fencing provides for natural surveillance within and onto the property. Ex. Parking lot and to establish a defined border definition of the entire property.

Understood.

Non-Pedestrian Building Entry Points

42. Sturdy fencing should enclose locations where gas and electric utilities enter buildings.

Understood.

43. Locations where gas and electric utilities enter buildings should be well lighted.

Understood.

Signage

44. Ensure proper signage is posted throughout property.

Understood.

45. Pool area should have sign posted on whether or not there is lifeguard on duty.

Understood.

46. Pool should have rules and regulations and hours of operation posted.

Understood.

47. Gym should have rules and regulations posted.

Understood.

48. Gym should have hours of operation posted.

Understood.

49. Social room should have hours of operation posted.

Understood.

Note:

51. The decorative fence looks as if it could be used as a ladder for intruders to jump the fence. Consider changing them to match the vertical areas.

Understood.

Q. DOWNTOWN AND BEACH CRA

Jorge Camejo, Executive Director (jcamejo@hollywoodfl.org) 954-924-2980

Susan Goldberg, Deputy Director (sgoldberg@hollywoodfl.org) 954-924-2980

Francisco Diaz-Mendez, Project Manager (fdiaz-mendez@hollywoodfl.org) 954-924-2980

1. Not applicable.

Understood.

R. PARKING

Jovan Douglas, Parking Administrator (jdouglas@hollywoodfl.org) 954-921-3548

1. No comments received.

Understood.

S. ADDITIONAL COMMENTS

Carmen Diaz, Planning Administrator (cdiaz@hollywoodfl.org) 954-921-3471

1. Additional comments may be forthcoming.

Understood.

Thank you,

Joseph Kaller, AIA, LEED BD+C
President and Owner
Kaller Architecture

ALTA / ACSM LAND TITLE SURVEY

THE NORTH 85 FEET OF LOT 14, ALL LOTS 15, 16 AND 17, AND LOT 18 LESS THE EAST 25 FEET THEREOF, BLOCK 29 "AMENDED PLAT OF HOLLYWOOD LITTLE RANCHES" ACCORDING TO PLAT BOOK 1, PAGE 26 IN SW 1/4 OF SECTION 16, TOWNSHIP 51 SOUTH, RANGE 42 EAST, BROWARD COUNTY FLORIDA.



PROPERTY INFORMATION

Parcel Identification No. 5142 16 02 2810
2750 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020
Instrument No. 114763128, Recorded 12-07-2017 at 01:39pm

Parcel Identification No. 5142 16 02 2850
2734 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020
Instrument No. 112681149, OR Bk. 51295 Pg. 1278, Recorded 12-05-2014 at 02:27pm

Parcel Identification No. 5142 16 02 2860
2726 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020
Instrument No. 112351605, OR Bk. 50859 Pg. 1398, Recorded 06-17-2014 at 09:18 am

Parcel Identification No. 5142 16 02 2870
2718 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020
Instrument No. 112212181, OR Bk. 50684 Pg. 955, Recorded 04-09-2014 at 08:16 am

TITLE COMMITMENT SCHEDULE A INFORMATION:

Title No. MTAFL-185481

TITLE COMMITMENT SCHEDULE A, LEGAL DESCRIPTION:

Abstract of Title covering the period from July 26, 1952 to January 17, 2023, of the following described property:
All that certain lot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the City of Hollywood, County of Broward, State of Florida.

TRACT 1:
Lot 18 less the East 25 feet thereof, Block 29, Amended Plat of HOLLYWOOD LITTLE RANCHES, according to the Plat Thereof as Recorded in Plat Book 1 at Page 26 of the Public Record of Broward County, Florida.

TRACT 2:
All of Lots 16 and 17, Block 29 of AN AMENDED PLAT OF HOLLYWOOD LITTLE RANCHES, according to the Plat Thereof as Recorded in Plat Book 1 at Page 26 of the Public Record of Broward County, Florida.

TRACT 3:
The North 85.0 feet of Lot 14 and all of Lot 15, Block 29, HOLLYWOOD LITTLE RANCHES, according to the Plat Thereof as Recorded in Plat Book 1 at Page 26 of the Public Record of Broward County, Florida

the above-described real property was vested in:
JACKSON STREET FACILITY LLC, a Florida limited liability company (as to Tract 1)
28TH AVE. FACILITY LLC, a Florida limited liability company (as to Tract 2)
UNITY CIRCLE, LLC, a Florida limited liability company (as to Tract 3)

TITLE COMMITMENT SCHEDULE B SECTION II EXCEPTIONS

The property depicted by this survey and described here is the same property designated in Title No. MTAFL-185481. This commitment does not republish any covenant, condition, restriction, or limitation contained in any document referred to in this commitment to the extent that the specific covenant, condition, restriction, or limitation violates state or federal law based on race, color, religion, sex, sexual orientation, gender identity, handicap, familial status, or national origin.

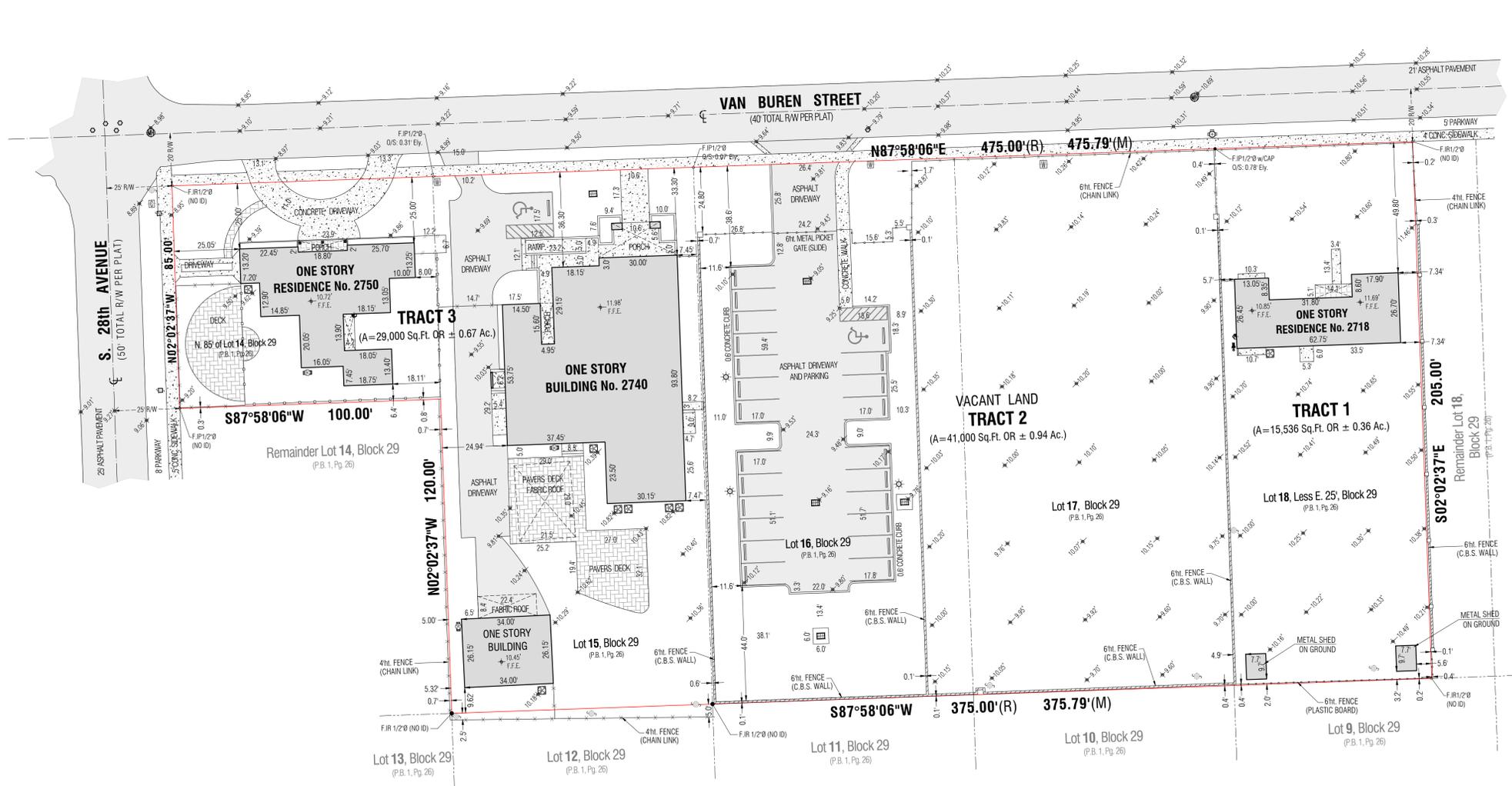
Subject to the following encumbrances, liens, and other exceptions (if "none" please indicate):

- RECORDED MORTGAGES:
NONE
- RECORDED CONSTRUCTION LIENS, CONTRACT LIENS AND JUDGMENTS:
NONE
- GENERAL EXCEPTIONS:
Encroachments, overlaps, overhangs, unrecorded easements, violated restrictive covenants, deficiency in quantity of ground, lack of access, violated plat building lines, or any matters not of record, which would be disclosed by an accurate survey and inspection of the land.
Any type of lien provided by City or County Ordinance or by Ch. 153 or Ch. 159, or by other Of the F.S., in favor of any city, town, village or port authority, for unpaid service charges for services by any water systems, sewer systems, trash system, gas systems or other utility system serving the land described herein; and any lien for waste fees in favor of any county or municipality including but not limited to County Special Assessment Liens of any kind.
- SPECIAL EXCEPTIONS:
Terms and Conditions contained in Declaration of Unity of Title recorded on July 27, 2015 in Instrument No. 113134278. (Affects Tract 2)
Resolution No. 15-S-11 recorded on August 18, 2015 in Instrument No. 113177055.
Resolution No. 16-DPS-78 recorded on July 27, 2017 in Instrument No. 114527635.
Terms and provisions of the Lease by and between Unity Circle LLC and New City Fellowship Church Broward, Inc. as evidenced by Short Form Lease Agreement dated January 19, 2018 and recorded on February 6, 2018 in Instrument No. 114894430. (Affects Tract 3)
All conditions, matters, easements and setback lines as set forth on plat recorded in Plat Book 1 Page 26.
- ENCUMBRANCES ABUTTING THE PROPERTY BOUNDARY:
NONE



MAP OF SURVEY

SCALE 1" = 25'



FLOOD INFORMATION:

Said described property is located within an area having a Zone Designation "X" (N.A.V.D.88) by the Federal Emergency Management Agency (F.E.M.A.), on Flood Insurance Rate Map No.12011C0568 H, with a date of identification of August 08 2014, for Community of City of Hollywood No. 125113, in Broward County, State of Florida, which is the current Flood Insurance Rate Map for the community in which said premises is situated.

ZONING INFORMATION

Zoning District: RM-18 (Med-High Multiple Family)
Maximum Density, units per acre * 18
Main Permitted Uses: Single Family, Duplex, Town house, Apartment Building.
Net lot area: 85,536 sq. ft. OR ± 1.96 Acres.

DEVELOPMENT REGULATION

Min. Lot Area = 6,000 sq.ft.
Min. Lot Width = 60 ft.
Max. Height = 4 stories not to exceed 45 ft., except if adjacent to single family district, then height 30 ft for first 100 ft of lot.
Landscape, Open Space = 40%
Min. Unit Size:
Single Family=1,000 sq.ft. | Duplex=500 sq.ft. | Townhouse=800 sq.ft. | Apartment=500 sq.ft. min, 705 sq.ft. average

LIST OF POSSIBLE ENCROACHMENTS:

The following list of encroachments is only the opinion of this surveyor and should not be interpreted as complete listing.

- Asphalt and concrete approach encroaches into the parkway of Van Buren Street;
- Overhead electric line encroaches into the premise.

GENERAL SURVEY NOTES:

- The North Arrow and Bearings as shown hereon are based of bearings value N87°58'06"E, along the center line of Van Buren Street; according to RTK GPS.
- Utility Note: The utilities shown have been located from field survey information. The surveyor has not physically located the underground utilities and no specific utility companies were contracted. Notice is hereby given that Sunshine State One Call of Florida, Inc. must be contacted at 1-800-432-4770 at least 48 hours in advance of any construction, excavation or demolition activity within, upon, abutting or adjacent to the Subject Property. This notice is given in compliance with the "Underground Facility Damage Prevention and Safety Act", pursuant to Chapter 556.101-111 of the Florida Statutes.
- No excavation or determination was made as to how the Subject Property is served by utilities.
- No improvements were located, other than those shown.
- No underground foundations, improvements and/or utilities were located or shown hereon.
- This notice is required by the "2011 Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys.
- All easements, covenants and restrictions referenced in said title commitment or apparent from a physical inspection of the site or otherwise known to me have been plotted hereon or otherwise noted as to their effect on the subject property.
- The Property has direct access to Van Buren Street and S. 28th Avenue, dedicated public streets.
- There is no observed evidence of current earth moving work, building construction or building additions.
- There is no observed evidence of site use as a solid waste dump, or hazardous materials.
- Bench Mark used: #1802, Elevation (N.A.V.D. 88)=7.67 feet
- Bench Mark used: #1944, STR 16-51-42, Elevation (N.G.V.D. 29)=15.039 feet

ABBREVIATIONS AND LEGEND:

A = arc	HT = high (height)	R/W = right-of-way	— board fence
BOB = basis of bearings	L.F.E. = lowest floor elevation	Sec = section	— CBS wall / fence
BM = bench mark	LS = land surveyor	S = south	— chain link fence
BC = block corner	M = measured distance	T = tangent	— pre-cast fence
C = calculated	NA = not applicable	U.E. = utility easement	— picket fence
CBS = concrete block structure	NAVD = national american vertical datum	W = west	— wooden fence
Ø = diameter	NGVD = national geodetic vertical datum	ACU = air conditioner	— center line
DH = drill hole	N = north	A/C = a/c split	— OH — overhead utility line
D = degrees	NTS = not to scale	Catch basin	— covered / rofod
E = east	OH = overhang	Wood power pole	— building/adjacent
F.I.P. = found iron pipe no id	O/S = offset	Communication box	— asphalt
F.I.R. = found iron rebar no id	ORB = official record book	Electric register	— concrete
F.N&D = found nail and disc	P = plat	Electric meter	— rock
F.F.E. = finish floor elevation	P.B. = plat book	Electric panel	— pavers
	PCP = permanent control point	Emergency generator	— vegetation
		Well & electric pump	— water
			— wooden

SURVEYOR'S CERTIFICATE:

BRIDGE ASSET MANAGEMENT
HEN VAKNIN.
This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2011 Minimum Standard Detail Requirements for ALTA / ACSM Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, and 5 of Schedule B-II hereof.

The field work was completed on February 17, 2023.

NOTICE: Not valid without the signature and original raised seal of a Florida Licensed Surveyor and Mapper. Additions or deletions to Survey Maps and Reports by other than the signing party are prohibited without the written consent of the signing party.

By:
Miguel J. Garay
Professional Surveyor and Mapper
No. 6594 State of Florida

8801 NW 176th Street Miami Lakes, FL 33018
P. 305_362_7926 P. 305_305_4143
M. madelin @ surveyinflorida.com

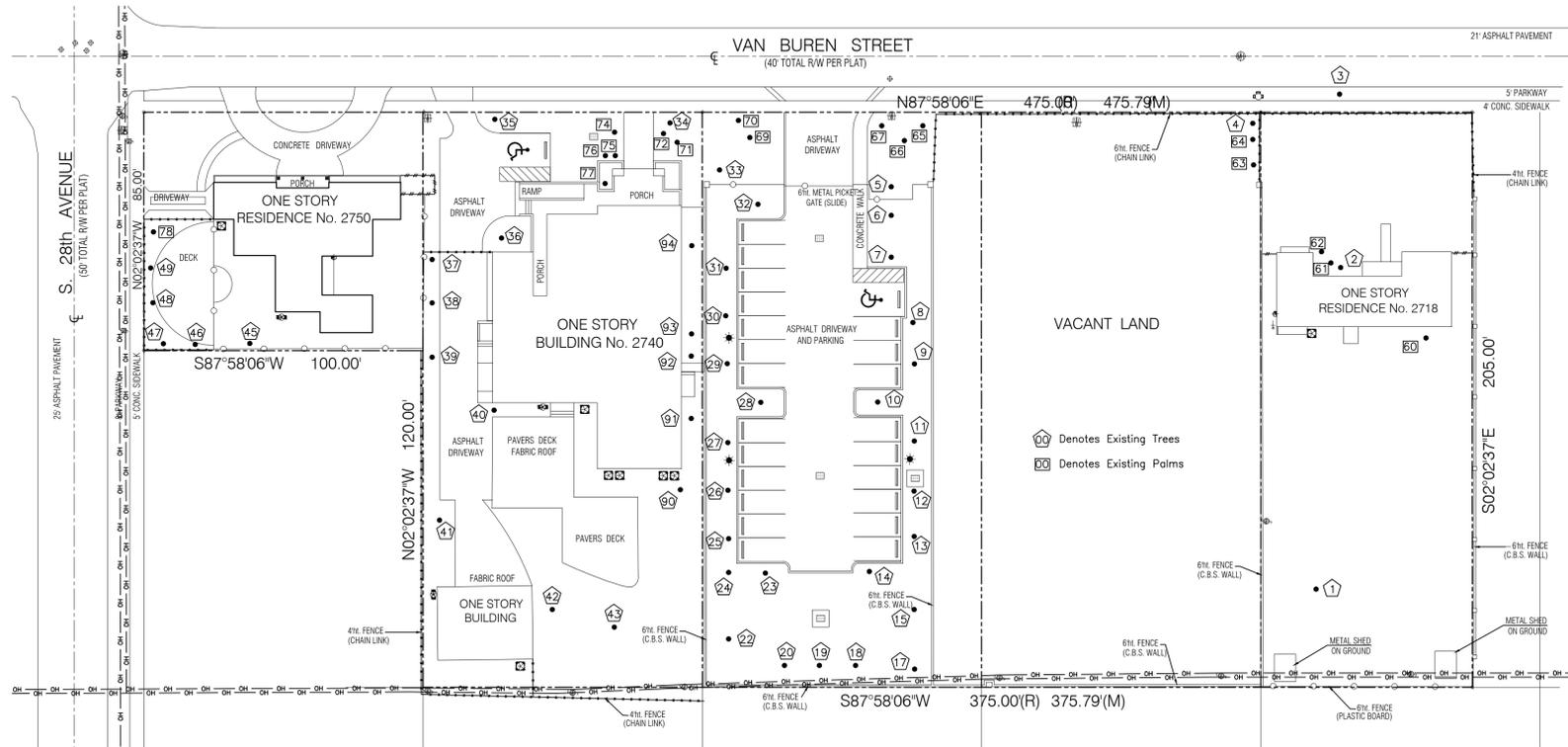
Date: 02-17-2023
Job No. 23-12193F
Sheet No. 1 of 1

PRISMA LAND SURVEYORS LLC
SURVEYOR AND MAPPERS LB. 8036
north central and south florida

EXISTING TREE LIST

Address: 2750 Van Buren Street, Hollywood, FL 33020
 Date: 9/6/2023
 Appraiser: Thomas White, ASLA-ISA
 ISA Arborist FL-5248A

Tree #	(Botanical Name / Common Name)	Ht. (Feet)	Spread (Feet)	DBH (Inches)	Condition	DBH Removed (Inches)	DBH To Remain (Inches)	Disposition
1	Mangifera indica / Mango	20	20	12	Good-Fair	12		Remove
2	Quercus virginiana / Live Oak	25	20	9	Fair-Poor	9		Remove
3	Quercus virginiana / Live Oak	20	20	11	Good-Fair	11		Remove
4	Bursera simarubra / Gumbo Limbo	20	30	12	Good	12		Remove
5	Quercus virginiana / Live Oak	40	35	17	Fair	17		Remove
6	Quercus virginiana / Live Oak	40	35	23	Fair	23		Remove
7	Quercus virginiana / Live Oak, two trunks	40	35	36	Fair	36		Remove
8	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
9	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
10	Lysiloma bahamensis / Wild Tamarind	20	25	8	Good-Fair	8		Remove
11	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
12	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
13	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
14	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
15	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
16	Left Blank Intentionally							
17	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
18	Conocarpus erectus sericeus / Silver Buttonwood	15	12	4	Fair	4		Remove
19	Conocarpus erectus sericeus / Silver Buttonwood	15	12	4	Fair	4		Remove
20	Conocarpus erectus sericeus / Silver Buttonwood	15	12	4	Fair	4		Remove
21	Left Blank Intentionally							
22	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
23	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
24	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
25	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
26	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
27	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
28	Lysiloma bahamensis / Wild Tamarind	20	25	8	Good-Fair	8		Remove
29	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
30	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
31	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
32	Lysiloma bahamensis / Wild Tamarind	20	25	8	Good-Fair	8		Remove
33	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
34	Cassia surattensis / Cassia	12	12	3	Fair	3		Remove
35	Tabebuia heterophylla / Pink Trumpet Tree	20	12	9	Fair	9		Remove
36	Conocarpus erectus sericeus / Silver Buttonwood	10	8	6	Poor	6		Remove
37	Quercus virginiana / Live Oak	30	25	15	Fair	15		Remove
38	Quercus virginiana / Live Oak	30	25	15	Fair	15		Remove
39	Quercus virginiana / Live Oak	30	25	15	Fair	15		Remove
40	Schefflera actinophylla / Umbrella Tree	25	15	10	Poor	10		Remove
41	Quercus virginiana / Live Oak	20	30	8	Fair	8		Remove
42	Quercus virginiana / Live Oak	20	15	8	Fair	8		Remove
43	Quercus virginiana / Live Oak	20	15	8	Fair	8		Remove
44	Left Blank Intentionally							
45	Quercus virginiana / Live Oak	25	25	14	Fair	14		Remove
46	Quercus virginiana / Live Oak	25	15	10	Very Poor	10		Remove
47	Quercus virginiana / Live Oak	20	10	9	Very Poor	9		Remove
48	Bursera simarubra / Gumbo Limbo	15	8	14	Very Poor	14		Remove
49	Quercus virginiana / Live Oak	25	20	8	Poor	8		Remove
50	Quercus virginiana / Live Oak	25	20	8	Poor	8		Remove
51	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
52	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
53	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
54	Conocarpus erectus / Green Buttonwood	20	15	6	Fair	6		Remove
DBH Removed						448		
Payment into the Tree Trust Fund @ \$350 per every 2" =						\$78,400		



Existing Palm List

Palm #	(Botanical Name / Common Name)	Ht. (Feet)	C.T. (Feet)	DBH (Inches)	Condition	Replacement Palms	Disposition
60	Ptychosperma elegans / Solitaire Palm	24	20	3	Very Poor	1	Remove
61	Ptychosperma elegans / Solitaire Palm	16	12	9	Poor	1	Remove
62	Ptychosperma elegans / Solitaire Palm	16	12	3	Poor	1	Remove
63	Sabal palmetto / Cabbage Palm	10	2	10	Fair	1	Remove
64	Sabal palmetto / Cabbage Palm	12	6	10	Fair	1	Remove
65	Veitchia montgomeryana / Montgomery Palm	16	12	4	Fair	1	Remove
66	Veitchia montgomeryana / Montgomery Palm	16	12	4	Fair	1	Remove
67	Veitchia montgomeryana / Montgomery Palm	16	12	4	Fair	1	Remove
68	Left Blank Intentionally						
69	Veitchia montgomeryana / Montgomery Palm	16	12	5	Fair	1	Remove
70	Veitchia montgomeryana / Montgomery Palm	16	12	5	Fair	1	Remove
71	Veitchia montgomeryana / Montgomery Palm	30	25	6	Fair	1	Remove
72	Veitchia montgomeryana / Montgomery Palm	30	25	6	Fair	1	Remove
73	Left Blank Intentionally						
74	Veitchia montgomeryana / Montgomery Palm	16	12	4	Fair	1	Remove
75	Veitchia montgomeryana / Montgomery Palm	16	12	4	Fair	1	Remove
76	Veitchia montgomeryana / Montgomery Palm	16	12	4	Fair	1	Remove
77	Veitchia montgomeryana / Montgomery Palm	16	10	4	Fair	1	Remove
78	Adonidia merillii / Christmas Palm	15	8	9	Fair	1	Remove
Replacement Palms Required						17	

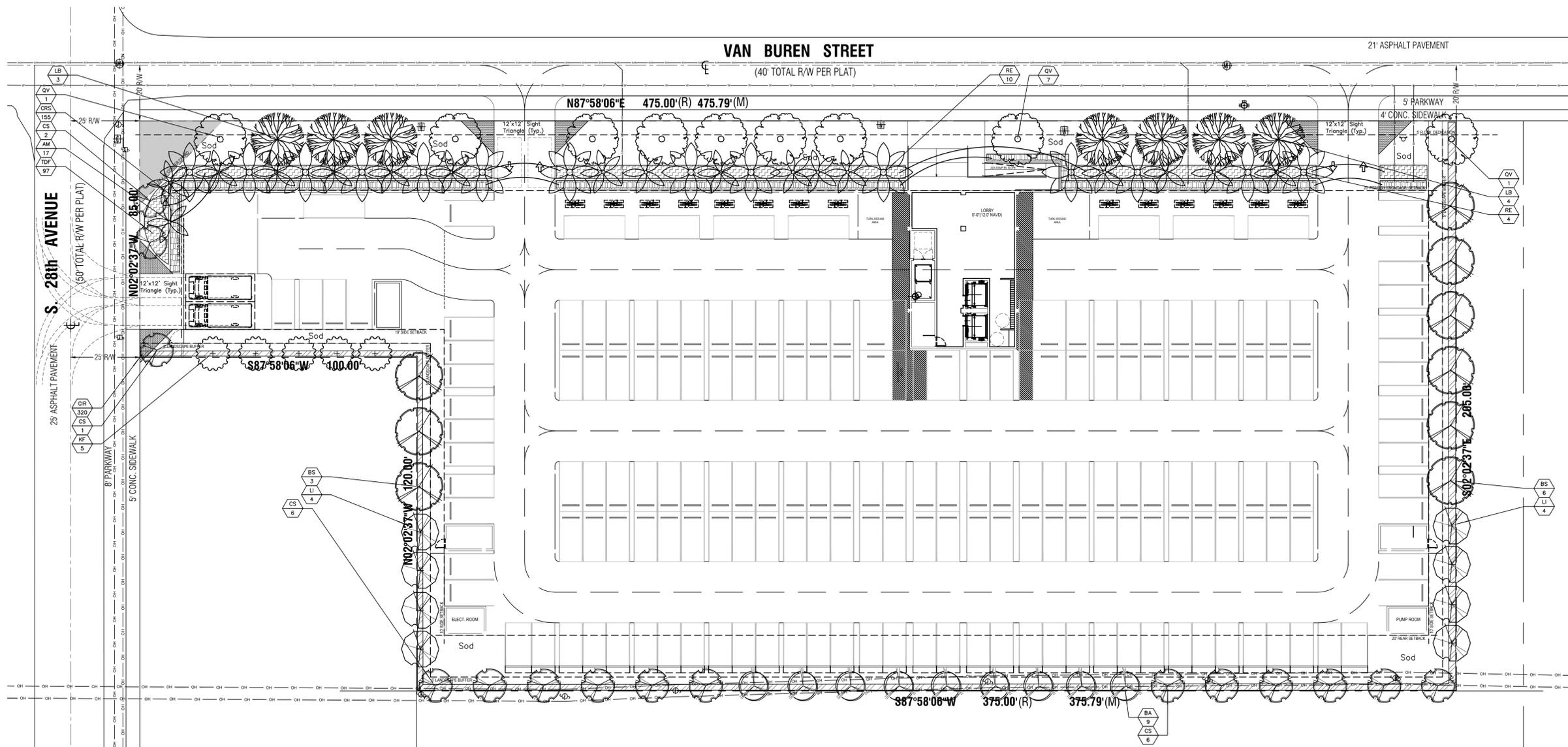
THOMAS WHITE, ASLA-ISA
 LANDSCAPE ARCHITECT, LEED GREEN
 ASSOCIATE, CERTIFIED ARBORIST
 2600 NE 27th AVENUE
 FORT LAUDERDALE, FLORIDA 33306
 tcawhite@eelsouth.net
 954-253-2265

REVISIONS

Tree Survey / Disposition Plan
2750 Van Buren Street Apartments
 2750 Van Buren Street
 Hollywood, Florida 33020



DRAWN: TW
 CHECKED: TW
 DATE: 9-12-2023
 SCALE: 1"=30'



Code	Drought	QTY.	Botanical Name / Common Name	Specifications	Total
PROPOSED TREES / PALMS					
BA	(N)	V	Bulnesia arborea / Verawood	12x5-6, 2' DBH, Sing. Trunk	
BS	(N)	V	Bursera simarubra / Gumbo Limbo	12x5-6, 2' DBH, Sing. Trunk	
CS	(N)	V	Cordia sebestena / Orange Geiger	12x5-6, 2' DBH, Sing. Trunk	
KF	(N)	V	Krugiodendron ferreum / Black Ironwood	12x5-6, 2' DBH, Sing. Trunk	
LB	(N)	V	Lysiloma bahamensis / Wild Tamarind	12x5-6, 2' DBH, Sing. Trunk	
LI	(N)	V	Lagerstroemia indica / Crape Myrtle	12x5-6, 2' DBH, Sing. Trunk	
QV	(N)	V	Quercus virginiana / Live Oak	12x5-6, 2' DBH, Sing. Trunk	
RE	(N)	V	Roystonea elata / Cuban-Florida Royal Palm	12' GW, 15' DBH	
			Total Site Trees		
			59	Native Trees	
			78%	Native Trees	
MITIGATION PALM LIST					
AM	(N)	V	Adonidia merrillii / Christmas Palm	8' CT min.	
			Total Palms Added		17
			Total Palms Removed		17
			Palms Deficiency		0
ACCENTS / SHRUBS / GROUND COVERS					
CIR	(N)	V	Chrysobalanus icaco 'Red Tip' / Coccolum	42-48" x 24-30", 30" OC	
CRS	(N)	V	Clusia rosea / Small Leaf Clusia	48" x 24", 36" OC	
TDF	(N)	V	Tripsacum dactyloides / Fakahatchee Grass	24-30" x 24-30", 42-48" OC	
			Total Shrubs		
			572	Native Shrubs	
			572	Native Shrubs	
			100%	Native Shrubs	
SOD					
Sod	(N)	M	By GC S.F. Stenotaphrum secundatum / St. Augustine Palmetto	Solid application - no gaps between seams	

CITY OF HOLLYWOOD PLANTING CALCULATIONS

Code	Description	Required	Provided
4.d.(3)1	Street Trees: One Per 30 LF of Street Frontage		
	476 LF Feet of Van Buren Street	16	16
	85 LF Feet of S. 28th Avenue	3	3
4.d.(3)2	5' Landscape Buffer Required and Provided. One Tree per 20 LF		
	801 LF Perimeter of Partial West, South, East Boundaries	41	41
4.d.(3)5	5' Landscape Buffer Required and Provided. 42" Landscape Element		
	801 LF Perimeter of Partial West, South, East Boundaries	42" Hedge	42" Hedge
4.d.(3)9	One Tree per every 1,000 square feet of Pervious Area		
	17,824 SF of Ground Floor Pervious Area.	18	19
	Total Trees	75	76

Sunshine811
 Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
 Check positive response codes before you dig!

THOMAS WHITE, ASLA-ISA
 LANDSCAPE ARCHITECT, LEED GREEN ASSOCIATE, CERTIFIED ARBORIST
 2600 NE 27th AVENUE
 FORT LAUDERDALE, FLORIDA 33306
 tcwhite@ellsouth.net
 954-253-2265

REVISIONS

2750 Van Buren Street Apartments
 Landscape Permit Plan
 2750 Van Buren Street
 Hollywood, Florida 33020



DRAWN: TW
 CHECKED: TW
 DATE: 9-12-2023
 SCALE: 1"=20'
 Sheet No. **L-2**
 Sheet 2 Of 3

GENERAL LANDSCAPE NOTES

The plan takes precedence over the plant list.

2 Full business days before digging, call toll free 1-800-432-4770 Sunshine State One Call of Florida, Inc. Notification Center. Contractors are responsible for coordinating with the owners and appropriate public agencies to assist in locating and verifying all underground utilities prior to excavation. All existing utilities shown on the plans are to be considered approximate and should be verified by the contractor prior to the start of work operations.

General site and berm grading to +/- 1 inch (1") shall be provided by the general contractor. All finished site grading and final decorative berm shaping shall be provided by the landscape contractor.

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

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

All trees designated as single trunk shall have a single, relatively straight, dominant leader, proper structural branching and even branch distribution. Trees with bark inclusion, tipped branches, and co-dominant trunks will not be accepted. Trees with girdling, circling and/or plunging roots will be rejected.

All planting beds shall be free of all rocks 1/2" or larger, sticks, and objectionable material including weeds, weed seeds. All limerock shall be removed/cleaned down to the native soils. Planting soil 50/50 sand/topsoil mix shall be delivered to the site in a clean loose and friable condition and is required around the root ball of all trees and palms, the top 6" of all shrubs and ground cover beds. This soil can be tilled into the existing soil after the existing soil has been cleaned of all rocks, limestone and sticks. Recycled compost is encouraged as a soil amendment alternative. Sod 1.5-2" topsoil comes furnished.

All burlap, string, cords, wire baskets, plastic or metal containers shall be removed from the rootballs before planting. Remove all bamboo and metal nursery stakes. Remove all tagging tape.

All trees/palms shall be planted so the top of the root ball, root flare are slightly above final grade. Shrub material shall be planted such that the top of the plant ball is flush with the surrounding grade. It is the sole responsibility of the landscape contractor to insure that all new plantings receive adequate water during the installation and during all plant warranty periods. Deep watering of all new trees and palms and any supplemental watering that may be required to augment natural rainfall and site irrigation is mandatory to insure proper plant development and shall be provided as a part of this contract.

All trees/palms shall be staked using biodegradable material. No wire, black strapping, or other synthetic material shall be used. Nailing into trees or palms for any reason is prohibited and the material will be rejected. Please refer to the planting details.

All landscape areas shall be irrigated by a fully automatic sprinkler system with a minimum 100% coverage with all heads adjusted to 50% overlap. Each system shall be installed with an operational rain sensor and rust inhibitor.

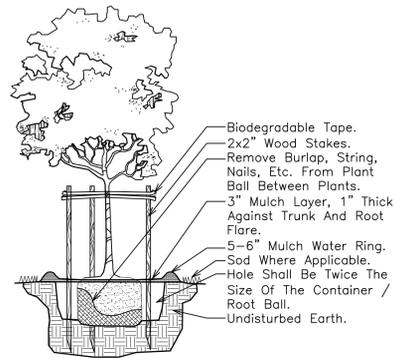
No fertilizers are required.

All landscape areas shall be covered with Pine Straw, Pine Bark, Eucalyptus or sterilized seed free Melaleuca mulch to a minimum depth of two inches (2") of cover when settled. Spread mulch to 1" thickness 3" away from the trunks/stems of all plant material. All trees in sodded areas shall have a clean cut 4" diameter mulch ring. The 5-6" height water ring shall be made from mulch, not soil. Certain areas may receive a thicker mulch cover where noted on plans. Cypress, red, gold and green mulch is prohibited.

Please refer to the planting details for a graphic representation of the above notes. All plant material as included herein shall be warranted by the landscape contractor for a minimum period of 12 months after final inspection approval.

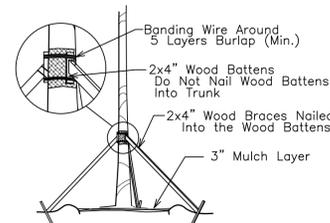
No landscape substitutions shall be made without the City of Hollywood approval.

No tree removal or planting allowed until sub permits are fully approved by city.



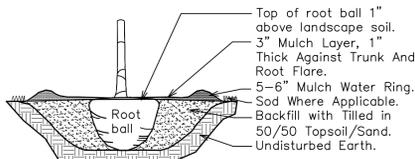
SMALL TREE PLANTING DETAIL

NTS



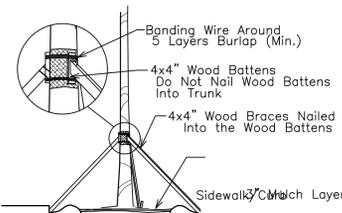
TREE/PALM BRACING DETAIL

NTS



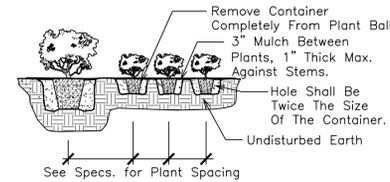
TREE/PALM PLANTING DETAIL

NTS



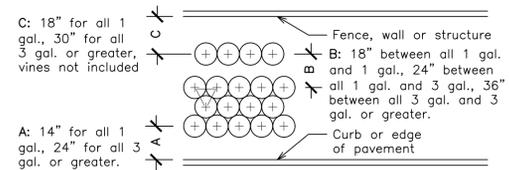
ROYAL PALM BRACING DETAIL

NTS



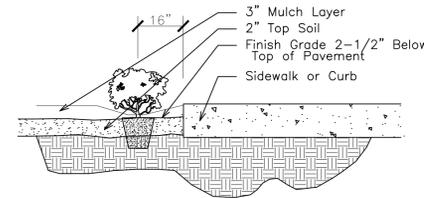
SHRUB PLANTING DETAIL

NTS



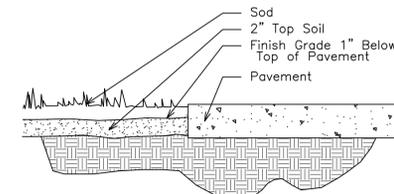
TYPICAL SHRUB SPACING DETAIL

NTS



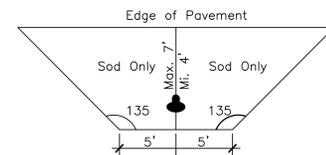
SHRUB INSTALLATION DETAIL

NTS



SOD INSTALLATION DETAIL

NTS



FIRE HYDRANT CLEAR ZONE

NTS

THOMAS WHITE, ASLA-ISA
LANDSCAPE ARCHITECT, LEED GREEN
ASSOCIATE, CERTIFIED ARBORIST
2600 NE 27th AVENUE
FORT LAUDERDALE, FLORIDA 33306
tcwhite@ellsouth.net
954-253-2265

REVISIONS

Landscape Notes / Details
2750 Van Buren Street Apartments
2750 Van Buren Street
Hollywood, Florida 33020



DRAWN: TW
CHECKED: TW
DATE: 9-12-2023
SCALE: As Shown

Sheet No.
L-3
Sheet 3 Of 3

Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

Reviews:

Client: **VAN BUREN APARTMENTS**
Project: **VAN BUREN APARTMENTS**
2750 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020

Plan Description: **GENERAL NOTES**

Client: **JORGE SZAUER**
Project: **FLA. REG. P.E. # 62579**

Designed by: **JORGE M. SZAUER**
Drawn by: **J. JANSE**
Reviewed & Sealed: **JORGE M. SZAUER**
Date: **SEP. 2023**
Scale: **AS SHOWN**
Job No: **C-01**
Sheet: **C-01**

GENERAL PROVISIONS

1. THE CONTRACTOR SHALL OBTAIN FROM THE OWNER COPIES OF ALL AVAILABLE REGULATORY AGENCY PERMITS AND LOCAL AGENCY PERMITS.
2. ALL CONSTRUCTION PROJECTS OR WORK AREAS IN SIZE THAT DISBURSE TO OFFSITE AREAS ARE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE EXAMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORMWATER CONSTRUCTION FROM SMALL AND LARGE CONSTRUCTION ACTIVITIES. IN ORDER TO MEET THESE REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR PREPARING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP), IMPLEMENTING, INSPECTING, MAINTAINING, AND REPORTING ON ALL ELEMENTS OF THE SWPPP, COMPLETING AND SUBMITTING THE REQUIRED NOTICE OF INTENT AND NOTICE OF TERMINATION NOTICES AND THE OPERATOR, AND PAYING ALL ASSOCIATED FEES FOR PROJECTS LESS THAN 1 ACRE IN SIZE THAT ARE NOT REQUIRED TO COMPLY WITH THE NPDES GENERAL PERMIT. THE CONTRACTOR IS STILL RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO AND DURING CONSTRUCTION IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
3. UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL USE THE GEOMETRY PROVIDED ON THE CONSTRUCTION PLANS. BENCHMARK INFORMATION SHALL BE PROVIDED TO THE CONTRACTOR BY THE OWNER OR OWNERS SURVEYOR. THE LOCATION OF BENCHMARKS AND CONSTRUCTION INFORMATION SHALL BE PROVIDED TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
4. BASE SURVEY INFORMATION INCLUDING BUT NOT LIMITED TO ELEVATIONS, EASEMENTS, RIGHTS OF WAY, AND OTHER INFORMATION SHALL BE PREPARED BY THE CONTRACTOR'S SURVEY ENGINEERING. NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.
5. THE SET OF PLANS MAY CONTAIN DRAWINGS PREPARED BY OTHER PROFESSIONALS, WHICH CONTAIN THE NAME, ADDRESS, AND LOGO OF THE PROFESSIONAL SEALER ENGINEERING, INC. IS NOT RESPONSIBLE FOR DRAWINGS PREPARED BY OTHER PROFESSIONALS.
6. THE CONTRACTOR SHALL SUBMIT COPIES OF 3"X4" DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING THE MATERIALS REQUIRED FOR CONSTRUCTION. PRIOR TO SUBMISSION, THE CONTRACTOR SHALL THOROUGHLY CHECK SHOP DRAWINGS, DETAILS, AND SAMPLES FOR COMPLETENESS AND FOR COMPLIANCE WITH THE CONSTRUCTION PLAN, AND VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND SHALL COORDINATE THE SHOP DRAWINGS WITH THE REQUIREMENTS FOR OTHER RELATED WORK. THE CONTRACTOR'S RESPONSIBILITY FOR ERRORS AND OMISSIONS IN SUBMITTALS IS NOT RELIEVED BY THE ENGINEER'S REVIEW OR SUBMITTAL. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN WRITING AT THE TIME OF SUBMISSION OF DEVIATIONS IN SUBMITTALS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
7. PROTECT BENCHMARKS, PROPERTY CORNERS, AND OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. IF A MARKER NEEDS TO BE REMOVED IT SHALL BE REFERENCED BY LICENSED LAND SURVEYOR AND REPLACED AS NECESSARY BY SAME.
8. THE CONTRACTOR IS RESPONSIBLE FOR ALL QUALITY CONTROL, INCLUDING: AS A MINIMUM, TESTING SHALL INCLUDE A PILING AND STRUCTURAL EXCAVATION, BEDDING AND BACKFILL MATERIALS AND DENSITY TESTS; B; DETERMINATION OF COMPACTIVE EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS; C; POLYURETHANE CONCRETE AND ASPHALT FINING GROUTS; CONCRETE MATERIALS INCLUDING DESIGN MIX REVER, MATERIALS, FIELD CUMPL AND AIR CONTENT; AND FIELD AND LAB COMED STRENGTH FOR SAMPLES AND TESTING.
9. IN ADDITION TO QUALITY CONTROL, TESTING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVALS FOR ANY WORK OR ANY PART THEREOF IF LAWS OR REGULATIONS OF ANY PUBLIC BODY HAVING JURISDICTION SPECIFICALLY REQUIRE TESTING, INSPECTIONS OR APPROVALS. THE CONTRACTOR SHALL FURNISH TO THE ENGINEER THE RESULTS OF ALL TESTING AND THE ENGINEER THE ENGINEER THE RESULTS OF CERTIFICATES OF TESTING, TESTING APPROVAL.
10. ANY DESIGN OR TESTS LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE OWNER AND THE ENGINEER, APPROVED IN WRITING, AND COMPLYING WITH THE LATEST EDITION OF THE "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION," PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES.
11. TESTING RESULTS SHALL BE PROVIDED TO THE OWNER/ENGINEER AND THE ENGINEER. ALL TEST RESULTS SHALL BE PROVIDED (PASSING AND FAILING) ON A REGULAR AND IMMEDIATE BASIS.
12. THE ENTIRE PROJECT SITE SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF THE WORK. CLEAN ALL METALLIC PIPING, STRUCTURES, SIDEWALKS, PAVED AREAS, ACCUMULATED SILT IN POND, PLUS ALL ADJACENT AREAS AFFECTED BY CONSTRUCTION AS DIRECTED BY THE OWNER OR JURISDICTIONAL AGENCY. EQUIPMENT TO CLEAN THESE SURFACES SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.

UTILITY GENERAL NOTES

1. THE UTILITY DATA SHOWN ON THESE PLANS WAS OBTAINED BY THE RESPECTIVE UTILITY, OR IS BASED ON UTILITY DRAWINGS, MAPS, OR FIELD RECONNAISSANCE.
2. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AND UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ANY UTILITIES NOT SHOWN ON THESE PLANS BUT NOT INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE ENGINEER AND THE RESPECTIVE UTILITY COMPANY FOR RELOCATION OR PROPER PROTECTION.
3. A SINGLE POINT UTILITY IDENTIFICATION SERVICE HAS BEEN SET UP FOR EXISTING UTILITIES. THE CONTRACTOR IS TO CONTACT THE SINGLELINE STATE ONE CALL CENTER BY DIALING "111" AT LEAST TWO (2) AND NO MORE THAN FIVE (5) WORKING DAYS PRIOR TO THE SPECIFIC CONSTRUCTION ACTIVITY FOR RELOCATION LOCATION. NOTE THAT ALL UTILITIES PARTICIPATE IN THIS PROGRAM. THE CONTRACTOR SHALL CONTACT ALL NON-PARTICIPATING UTILITIES SEPARATELY FOR RELOCATION PRIOR TO CONSTRUCTION. PER FLORIDA STATUTE 348.04, THE CONTRACTOR OR EXCAVATOR IS REQUIRED TO NOTIFY THE GAS COMPANY TWO (2) WORKING DAYS PRIOR TO STARTING EXCAVATION.
4. THE CONTRACTOR SHALL LOCATE TIGERS UP TO DATE AT ALL TIMES.
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH EACH UTILITY AND ALL COSTS ASSOCIATED WITH THE PROTECTION OF EXISTING FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO COORDINATE NECESSARY RELOCATIONS OR OTHER CONSTRUCTION RELATED MATTERS WITH EACH UTILITY.
6. IF IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN IN SERVICE AN EXISTING PIPING ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE DRAWINGS. ANY PIPING WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNNECESSARY INTERRUPTION OF SERVICE IS TO BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE OWNER AND THE ENGINEER.
7. TYPICAL DETAILS AS SHOWN ARE TO ILLUSTRATE THE ENGINEER INTENT AND ARE NOT PRESENTED AS A SOLUTION TO ALL CONSTRUCTION PROBLEMS. THE CONTRACTOR SHALL INVESTIGATE AND THE CONTRACTOR MAY ALTER SHALL BE RESPONSIBLE FOR THE DESIGN AND TO PREPARE THE APPROPRIATE DRAWING WHICH SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. THE CONTRACTOR USES MATERIALS AS SPECIFIED IN THE SPECIFICATIONS.
8. FOR EACH REPAIR OR PIPING RELOCATION, THE CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH, AND ALIGNMENT OF ALL EXISTING PIPES. CEMENT, IT IS TO BE CROSSED OR CONNECTED TO. THE CONTRACTOR SHALL DETERMINE NECESSARY (A) IN CHANGE IN ALIGNMENT OR DEPTH, OR (B) THE NEED FOR ADDITIONAL FITTINGS, BENDS, OR COUPLERS, WHICH REPRESENT A DEPARTURE FROM THE CONTRACT DRAWING, OR (C) A NEED FOR RELOCATION OF EXISTING FACILITIES. ANY ADDITIONAL FITTINGS, INCLUDING CHANGES IN RELATED PORTIONS OF THE PROJECT AND THE REASONS THEREFOR, SHALL BE SUBMITTED WITH SHOP DRAWINGS APPROVED DEPARTMENTS FOR THE CONTRACTORS CONFERENCE SHALL BE MADE AT AN ADDITIONAL COST TO THE OWNER.
9. THE CONTRACTOR SHALL PROVIDE AT HIS OWN EXPENSE ALL NECESSARY TEST PUMPING EQUIPMENT, WATER, WATER METERS, PRESSURE GAUGES, AND OTHER EQUIPMENT, MATERIALS AND FACILITIES REQUIRED FOR ALL HYDROLOGICAL, LEAKAGE, AND PRESSURE TESTING. THE CONTRACTOR SHALL CONTACT THE ENGINEER AND THE OWNER IN WRITING FOUR (4) HOURS IN ADVANCE OF PROPOSED TESTING. THE CONTRACTOR SHALL PROVIDE A WRITTEN TEST PROGRAM PRIOR TO TESTING.

AS-BUILT DRAWING REQUIREMENTS

1. AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER THREE WEEKS PRIOR TO FINAL INSPECTION. ALL AS-BUILT DATA SHALL BE PROVIDED BY A FLORIDA LICENSED SURVEYOR, SIGNED, SEALED AND DATED BY THE RESPONSIBLE PARTY.
2. AT THE COMPLETION OF THE WORK, DELIVER THE DRAWINGS DOCUMENTING AS-BUILT INFORMATION, MEASURED BY A LICENSED SURVEYOR, TO THE ENGINEER IN GOOD CONDITION AND FREE FROM ANY EXTENSION OR ALTERATION. THE AS-BUILT INFORMATION TO INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
 - A. HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS FOR ALL UTILITY AND STORM STRUCTURES INCLUDING BUT NOT LIMITED TO MANHOLES, INLETS AND CLEANOUTS, INCLUDING STRUCTURE TOP AND INVERT ELEVATIONS.
 - B. DISTANCE ALONG PIPELINES BETWEEN STRUCTURES.
 - C. STORMWATER POND TOP OF BERM AND POND BOTTOM ELEVATIONS AND HORIZONTAL DIMENSIONS MEASURED AT A MINIMUM OF TEN LOCATIONS PER POND. AT LOCATIONS DESIGNATED BY THE ENGINEER. TOP OF POND HORIZONTAL DIMENSIONS ARE ALSO TO BE TESTED TO PREPARED CORNERS, EASEMENTS, AND PROPERTY LINES.
 - D. STORMWATER CONTROL, STRUCTURE DIMENSIONS AND ELEVATIONS INCLUDING ALL WEIRS, SLOPS, ORIFICES, GRATES, AND RAMMERS.
 - E. STORMWATER CONFERENCE SYSTEMS INCLUDING DIMENSIONS, ELEVATIONS, CONNECTIONS, AND CROSS SECTIONS.
 - F. HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS OF ALL UTILITY VALVES, FITTINGS, CONTROL POINTS, ETC.
 - G. VERTICAL ELEVATIONS OF ALL PIPELINES AT CROSSINGS OF POTABLE WATER MAINS (WHETHER THE WATER MAIN IS EXISTING OR NEW) IN ORDER TO DOCUMENT THAT THE MINIMUM REQUIRED VERTICAL SEPARATION HAS BEEN MET.
 - H. UTILITY PIPELINE TIED HORIZONTALLY TO EDGE OF PAVEMENT AND RIGHT-OF-WAY LINES, LOCATED EVERY 200 FT PLUS A CHANGE IN HORIZONTAL OFFSET.
 - I. PAVEMENT WIDTH AND ELEVATIONS AT THE CENTERLINE AND EDGE OF PAVEMENT EVERY 200 FEET PLUS ALL CHANGES IN LONGITUDINAL SLOPE, CROSS SLOPE, INLET LOCATIONS, AND AT ALL OVERLAY AND STREET INTERSECTIONS. FOR ALL STREETS, THE AS-BUILT INFORMATION TO INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
 - A. PAVING AREAS AND SIDEWALK RAMPS DESIGNED FOR HANDICAP ACCESS SHALL CONTAIN HORIZONTAL AND VERTICAL MEASUREMENTS IN ORDER TO VERIFY REQUIRED WIDTHS AND SLOPES HAVE BEEN MET.
 - K. HORIZONTAL AND VERTICAL DATA FOR ANY STRUCTURE THAT DEVIATES FROM THE APPROVED ENGINEERING DRAWINGS.
 - L. WHERE THE PLANS CONTAIN SPECIFIC HORIZONTAL LOCATION DATA, SUCH AS STATIONS AND OFFSETS, THE AS-BUILT DRAWINGS ARE TO REFLECT THE ACTUAL HORIZONTAL LOCATION.
 - M. WHERE THE PLANS CONTAIN SPECIFIC VERTICAL ELEVATION DATA, THE AS-BUILT DRAWINGS ARE TO REFLECT THE ACTUAL MEASURED VERTICAL ELEVATION.

EROSION AND SEDIMENT CONTROL

1. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PROVIDED AND INSTALLED TO COMPLEMENTATION OF CONSTRUCTION. EROSION AND SEDIMENT CONTROL CONSISTS OF: SILT FENCEING AND FLUTING TURBIDITY BARRIERS PER FOOT CODE NO. 30 AND 30. EROSION CONTROL CONSISTS OF: BEDDING AND MOUNDING, BROOMING, WEEDING SURFACES, PLACEMENT OF CORRAL AGGREGATE, TEMPORARY PAVING.
2. MAINTAIN TEMPORARY EROSION CONTROL SYSTEMS AS DIRECTED BY OWNER OR GOVERNING AUTHORITIES TO CONTROL EROSION AND SLACKING DURING LIFE OF CONSTRUCTION. OWNER ALSO HAS AUTHORITY TO LIMIT SURFACE AREA OF EXPOSED EARTH MATERIALS EXPOSED TO CLEANING AND GRUBBING, EXCAVATION, TRENCHING, EROSION AND EMBANKMENT OPERATIONS. OWNER ALSO HAS AUTHORITY TO DIRECT CONTRACTOR TO PROVIDE IMMEDIATE PERMANENT OR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.
3. CONTRACTOR SHALL RESPOND TO EROSION AND SEDIMENT CONTROL, MAINTENANCE REQUIREMENTS OR IMPLEMENT ADDITIONAL MEASURES TO CONTROL EROSION ORDERED BY OWNER OR GOVERNING AUTHORITIES WITHIN 48 HOURS OR SOONER IF REQUIRED. IT IS AN ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR WILL BE REQUIRED TO INCORPORATE PERMANENT EROSION CONTROL FEATURES INTO PROJECT TO PRELACT PRACTICAL. TIME IS RESPONSIBLE FOR TEMPORARY CONTROLS.
5. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS REPRESENT A MINIMUM REQUIREMENT. THE CONTRACTOR IS TO MONITOR FOR DETERMINING ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES NEEDED IN ORDER TO PREVENT THE PRODUCTION OF SEDIMENT FROM THE PROJECT AREA AND PREVENT THE EROSION OF SURFACES DURING CONSTRUCTION, AS NEEDED TO PROTECT ADJACENT PROPERTIES AND WATER BODIES.
6. GRASS AL DISTURBED AREAS WITHIN 7 DAYS OF INITIAL DISTURBANCE. TYPE OF GRASSING SHALL BE AS FOLLOWS: TEMPORARY GRASSING TO BE SOONED AT ALL DRAINAGE STRUCTURES, RETENTION AREAS, SLOPES AND OTHERS. WHERE SLOPES ARE STEEPER THAN 5:1, TEMPORARY GRASSING CAN BE SEED AND MULCH AT ALL OTHER LOCATIONS UNLESS OTHERWISE INDICATED IN THE DRAWINGS OR SPECIFICATIONS.
7. INSPECT EVERY TWO WEEKS DURING CONSTRUCTION, REMOVE ANY SEDIMENT BUILDUP, REPAIR AND RESTORE ANY DAMAGE OR MISSING SEDIMENT CONTROL MEASURES. INSTANT MEASURES IF INSPECTION REVEALS ADDITIONAL SEEDING CONTROL IS NECESSARY.
8. AREAS TO BE PAVED SHALL BE TREATED WITH A BITUMINOUS PRIME COAT AND SAND. THIS PRIME IS SCHEDULED TO OCCUR MORE THAN 48 HOURS AFTER INSTALLATION OF BASE COURSE. AREAS TO RECEIVE CONCRETE PAVING SHALL BE EITHER PROTECTED WITH A LAYER OF FOOT COARSE AGGREGATE MATERIAL, OR SHALL BE PAVED WITHIN 48 HOURS OF INSTALLATION OF THE SUBGRADE. INSTALL PAV. SURFACE COARSE WITHIN 14 DAYS AFTER BEGINS OF EXISTING PAVEMENT.

TRAFFIC CONTROL

1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A MAINTENANCE OF TRAFFIC (M.O.T.) PLAN PRIOR TO CONSTRUCTION. THE M.O.T. PLAN SHALL SHOW ALL PROPOSED TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, AND BARRICADES, AND SHALL BE APPROVED BY THE ENGINEER, OWNER, AND JURISDICTIONAL AGENCY PRIOR TO CONSTRUCTION. ALL PROPOSED ROADWAY AND DRIVEWAY LANE CLOSURES SHALL BE DISTRIBUTED TO THE HOURLS BY 6:00 A.M. AND 4:00 P.M. UNLESS OTHERWISE AUTHORIZED BY THE APPROVED M.O.T.
2. ALL CONSTRUCTION SIGNING AND MARKINGS SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION IN ACCORDANCE WITH FOOT CODE NO. 30V AND AN UNIFORM TRAFFIC CONTROL DEVICES MANUAL. THE PLACEMENT OF THE SIGNS AND MARKINGS SHALL BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO CONSTRUCTION.
3. INSPECT TRAFFIC CONTROL DEVICES ON A DAILY BASIS TO ENSURE FUNCTIONALITY OF BARRICADES AND FUNCTION OF SIGNS IS MAINTAINED THROUGHOUT CONSTRUCTION.
4. CONTACT PROPERTY OWNERS AFFECTED BY CONSTRUCTION. COORDINATE TEMPORARY DRIVEWAY CLOSURES AND ACQUISITION MAINTAIN ACCESS FOR ALL PROPERTY OWNERS DURING CONSTRUCTION.
5. WET UNPAVED AREAS AS NECESSARY TO CONTROL DUST.
6. ADJUST TRAFFIC CONTROL DEVICES AS REQUIRED UNDER EMERGENCY CONDITIONS.
7. THE CONTRACTOR IS EXPECTED TO COORDINATE ITS ACTIVITIES WITH OTHER CONTRACTORS WHO MAY BE WORKING IN THE IMMEDIATE VICINITY.
8. WHEN WORK OCCURS WITHIN 15 FT OF ACTIVE TRAVEL LANES BUT NOT CLOSER THAN 2 FT FROM THE EDGE OF PAVEMENT, SIGNAGE AND WARNING DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH FOOT CODE NO. 30 AND 30V FOR ALL DRIVEWAY AND PEE REEZE FOR A LANE REPAIR.
9. TYPES OR TONE OF BARRICADES AT LEFT DRIVE TRAVEL SHALL BE PLACED AND MAINTAINED ALONG THE EDGE OF THE ROAD WHENEVER DROP-OFFS OR OTHER HAZARDOUS DUST AND TO BLOCK ENTRANCE INTO COMPLETED OR PARTIALLY COMPLETED PAVEMENTS UNTIL SUCH PAVEMENTS ARE OPEN TO PUBLIC USE.

SITE PREPARATION

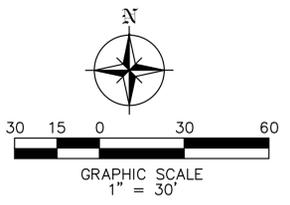
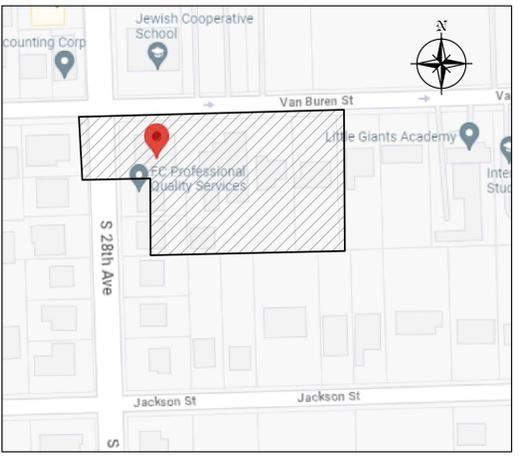
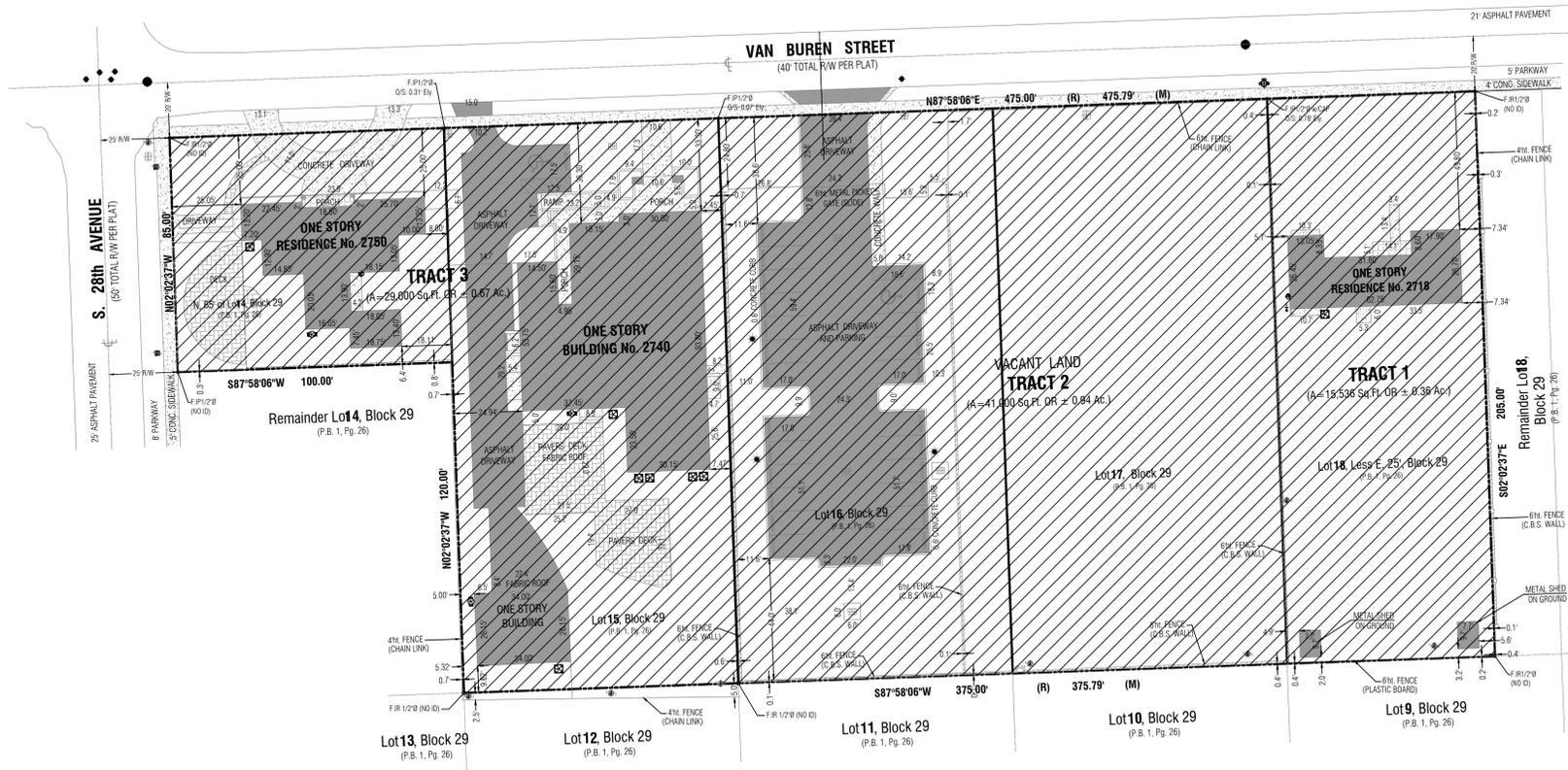
1. UNLESS OTHERWISE DIRECTED BY THE OWNER OR ENGINEER, THE CONTRACTOR IS EXPECTED TO CONTAIN ALL CONSTRUCTION ACTIVITIES WITHIN THE PROPERTY, RIGHT-OF-WAY, AND EASEMENTS AS INDICATED ON THE DRAWINGS. AT OR NEAR THE CONSTRUCTION CELESTRE SURROUNDING PROPERTIES OR TRAVEL ON SURROUNDING PROPERTIES WITHOUT WRITTEN CONSENT FROM THE PROPERTY OWNER. ANY REPAIR OR RECONSTRUCTION OF DAMAGED AREAS IN SURROUNDING PROPERTIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWNERS' RISK. ALL COSTS FOR REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR'S RESPONSIBILITY FOR DAMAGE TO ADJACENT PROPERTIES OR TRAVEL ON SURROUNDING PROPERTIES SHALL BE LIMITED TO THE EXTENT OF THE DAMAGE CAUSED BY THE CONTRACTOR.
2. STAKE OUT THE CONSTRUCTION, ESTABLISH LINES AND LEVELS, TEMPORARY CHAIN MARKS, BATTER BOARDS, CENTERLINES, BENCHMARKS, AND REFERENCE POINTS FOR THE WORK, AND VERIFY ALL DIMENSIONS RELATING TO INTERSECTION WITH EXISTING FEATURES. REPORT ANY NONCONFORMITIES IN THE PROPOSED GRADING, LINES AND LEVELS DIMENSION AND LOCATION TO THE ENGINEER BEFORE COMMENCING WORK.
3. PROTECT ALL TREES AND SHRUBS LOCATED OUTSIDE THE RIGHT-OF-WAY, EASEMENTS, AND OWNER SECURED PROPERTY, PARTICULARLY THOSE TREES AND SHRUBS LOCATED ADJACENT TO WORK AREAS.
4. WITHIN THE RIGHT-OF-WAY, EASEMENTS, AND OWNER SECURED PROPERTY, THE INTENT IS TO ALLOW TREES AND SHRUBS TO REMAIN IN ACCORDANCE WITH THE FOLLOWING SCHEDULE. NEW ROADWAY CONSTRUCTION, TREES AND SHRUBS TO REMAIN WHERE LOCATED MORE THAN 10 FEET FROM THE BACK OF CURB, OUTSIDE THE RIGHT-OF-WAY, UNLESS OTHERWISE INDICATED ON THE PLANS. UNLESS OTHERWISE INDICATED ON THE PLANS, TREES TO REMAIN OUTSIDE THE RIGHT-OF-WAY SHALL BE PROTECTED BY A 10 FOOT WIDE FENCE ON EITHER SIDE OF THE PIPELINE.
5. TREES TO BE REMOVED IN THE CONSTRUCTION AREA SHALL BE BOKED, FENCED ON CENTERLINE PROTECTED IN ACCORDANCE WITH THE DETAILS ON THE DRAWINGS. DO NOT REMOVE HEAVY EQUIPMENT OR STOCKPILES WITHIN BRANCH SPREAD.
6. AREAS TO RECEIVE CLEARING AND GRUBBING SHALL INCLUDE AREAS TO BE OCCUPIED BY THE PROPOSED IMPROVEMENTS, AREAS FOR SILL AND SITE GRADING, AND WORKER STOPS. REMOVE TREES OUTSIDE OF THESE AREAS ONLY AS INDICATED ON THE DRAWINGS OR AS APPROVED IN WRITING BY THE ENGINEER.
7. CLEANING SHALL CONSIST OF REMOVING TREES AND BRUSH AND DISPOSAL OF OTHER MATERIALS THAT ENDOUR UPON OR OTHERWISE OBSTRUCT THE WORK.
8. EXERCISE EXTREME CARE DURING THE CLEARING AND GRUBBING OPERATIONS; DO NOT DAMAGE EXISTING STRUCTURES, PIPES OR UTILITIES.
9. GRUBBING SHALL CONSIST OF REMOVING AND DISPOSING OF STUMPS, ROOTS LARGER THAN 1" IN DIAMETER, AND MATED ROOTS. REMOVE TO A DEPTH OF NOT LESS THAN 1/2" BELOW THE ORIGINAL SURFACE LEVEL OF THE SOIL GRADE.
10. ALL COMPLETED DEBRIS AND REFUSE FROM SITE PREPARATION OPERATIONS SHALL BE REMOVED TO LEGAL OFFSITE DISPOSAL AREAS.

GRADING

1. GRADING SHOWN ON THESE PLANS IS PROVIDED TO THE CONTRACTOR TO DESIGN THE GENERAL GRADING INTENT OF THE PROJECT. THE CONTRACTOR SHALL BE EXPECTED TO GRADE THE ENTIRE SITE TO PROVIDE POSITIVE DRAINAGE IN ALL AREAS THROUGHOUT THE SITE. SMOOTH TRANSITIONS SHALL BE PROVIDED BETWEEN CONTIGUOUS SLOPES OR ELEVATIONS AS SHOWN ON THE PLANS TO ACCOMPLISH THE GRADING INTENT. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETED. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER PRIOR TO DISCONTINUATION OF GRADING OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GRADING INTENT HAS BEEN ACHIEVED.
2. ALL PAVING SURFACES IN INTERSECTIONS AND ADJACENT SECTIONS SHALL BE GRADED TO PROVIDE A SMOOTH, TRANSITIONING DRIVING SURFACE FOR VEHICLES WITH NO SHARP BENDS IN GRADE, AND NO UNDULATING SURFACES OR STEEP SLOPES. THE SUBGRADE SHOULD HAVE TO BE DOWNGRADED TO SMOOTH DRIVING SURFACES IN THE AREA OF INTERSECTIONS. IF IN THE CONSTRUCTION ACCORDANCE TO ACCOMPLISH THE ABOVE AND THE ENGINEER SHALL BE CONSIDERED TO BE THE ONLY HAVING ANY FINAL REQUIRED INTERPRETATIONS OF THE PLANS OR ANY SUPPLEMENTARY INSTRUCTIONS TO ACCOMPLISH THE INTENT OF THE PLANS.
3. UNIFORM 1" SMOOTH GRADE, THE SITE, SEPARATION FROM SETTLEMENT SHALL BE FILLED AND COMPACTED. TOP OF EMBANKMENTS AND BREAKS IN GRADE SHALL BE ROUNDED. FINISHED SURFACES SHALL BE ROUNDED. SMOOTH, COMPACTED. FILL FROM REGULAR SURFACE CHANGES AND COMPACTABLE TO THE SMOOTHNESS OBTAINED BY LAZE, GRADER OPERATIONS.
4. GRADING SHALL BE TO DRAIN AWAY FROM THE SITE. SEPARATION FROM SETTLEMENT SHALL BE FILLED AND COMPACTED. TOP OF EMBANKMENTS AND BREAKS IN GRADE SHALL BE ROUNDED. FINISHED SURFACES SHALL BE ROUNDED. SMOOTH, COMPACTED. FILL FROM REGULAR SURFACE CHANGES AND COMPACTABLE TO THE SMOOTHNESS OBTAINED BY LAZE, GRADER OPERATIONS.
5. HORIZONTAL GRASSING SHALL BE PROTECTED FROM TRAFFIC AND DISGRASS. ALL SETTLEMENT OR MOUNDING THAT MAY OCCUR FROM ANY CAUSE PRIOR TO SEEDING OR ACCEPTANCE SHALL BE REPAIRED AND GRASSING SHALL BE ESTABLISHED AT THE REQUIRED ELEVATION AND SLOPES AT AN ADDITIONAL COST TO THE OWNER.

EXCAVATION, TRENCHING, AND FILL

1. THE CONTRACTOR SHALL RECOGNIZE AND AVOID ALL OTHER EXISTING SANITARY, INCLUDING THE FLORIDA TRENCH SAFETY ACT (FS 333.6533) ANY MATERIAL CONSTRUCTION METHODS, OR MATERIAL COST TO COMPLY WITH ANY APPLICABLE REQUIREMENTS, UNLESS OTHERWISE NOTED TO THE CONTRACT.
2. ROUTE EXCAVATION AND GRADING AS PROPOSED STORMWATER POND(S) AT THE START OF SITE GRADING ACTIVITIES. DIRECT SITE TRAFFIC THROUGH TRENCHES TO MINIMIZE TRAFFIC TO OFFSITE AREAS.
3. POND EXCAVATION SHALL RESULT IN THE FINISHED POND WIND SIDE SLOPES AND EMBANKMENTS THAT ARE IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS. IF IN THE CONTRACTORS SOLE RESPONSIBILITY TO SURVEY THE SITES TO DETERMINE THE LOCATION AND DEPTH OF EXISTING UTILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND TO PREPARE THE APPROPRIATE DRAWING WHICH SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. THE CONTRACTOR USES MATERIALS AS SPECIFIED IN THE SPECIFICATIONS.
4. FIELD DENSITY TESTING PROCEDURES: IN ONE TEST FOR EACH 10,000 SQUARE FEET PER FRACTION THEREOF. PER FRACTION, BACKFILL, MINIMUM 3 TESTS EACH BACKFILL. ONE TEST FOR EACH 100 SQUARE FEET OR FRACTION THEREOF OF SAND, GRAVEL, AND OTHER STRUCTURES. ONE TEST FOR EACH SAND, GRAVEL, AND OTHER STRUCTURES. PER FRACTION THEREOF PER FT. OF EACH BACKFILL IN THE PIPELINE TRENCH. ONE TEST PER 100 SQ. FT. EACH CHANGE IN GRADE. ONE TEST PER 100 SQUARE FEET OF PAVEMENT SURFACE. MINIMUM OF 3 TESTS.
5. IT IS INTENDED THAT PROPOSED EXCAVATED MATERIALS CONFORM TO THE FOLLOWING REQUIREMENTS: UNLESS OTHERWISE INDICATED:
 - A. ACCEPTABLE MATERIALS: UNLESS CLASSIFICATION IS A-1, A-2, A-3, A-4, A-5, A-6, A-7, A-8, A-9, A-10, A-11, A-12, A-13, A-14, A-15, A-16, A-17, A-18, A-19, A-20, A-21, A-22, A-23, A-24, A-25, A-26, A-27, A-28, A-29, A-30, A-31, A-32, A-33, A-34, A-35, A-36, A-37, A-38, A-39, A-40, A-41, A-42, A-43, A-44, A-45, A-46, A-47, A-48, A-49, A-50, A-51, A-52, A-53, A-54, A-55, A-56, A-57, A-58, A-59, A-60, A-61, A-62, A-63, A-64, A-65, A-66, A-67, A-68, A-69, A-70, A-71, A-72, A-73, A-74, A-75, A-76, A-77, A-78, A-79, A-80, A-81, A-82, A-83, A-84, A-85, A-86, A-87, A-88, A-89, A-90, A-91, A-92, A-93, A-94, A-95, A-96, A-97, A-98, A-99, A-100, A-101, A-102, A-103, A-104, A-105, A-106, A-107, A-108, A-109, A-110, A-111, A-112, A-113, A-114, A-115, A-116, A-117, A-118, A-119, A-120, A-121, A-122, A-123, A-124, A-125, A-126, A-127, A-128, A-129, A-130, A-131, A-132, A-133, A-134, A-135, A-136, A-137, A-138, A-139, A-140, A-141, A-142, A-143, A-144, A-145, A-146, A-147, A-148, A-149, A-150, A-151, 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DEMOLITION NOTES

1. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, SUPERVISION, AND EQUIPMENT REQUIRED FOR THE ORDERLY DEMOLITION AND REMOVAL OF EXISTING STRUCTURES, PAVEMENT AND UTILITIES AS SHOWN ON THE DRAWINGS AND DESCRIBED HEREIN.
2. DEMOLITION SHALL BE CONDUCTED AS SHOWN ON CONSTRUCTION DRAWINGS AND SHALL MEET APPLICABLE FEDERAL, STATE AND LOCAL CODES AND REGULATIONS
3. THE CONTRACTOR SHALL COORDINATE DEMOLITION OF UTILITIES WITH UTILITY COMPANIES, GIVING THEM NOTICE OF DESTRUCTION AND REMOVAL OF SERVICE LINES AND CAPPING LINES WHEN NECESSARY.
4. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES.
5. THE CONTRACTOR IS REQUIRED TO FAMILIARIZE HIMSELF WITH THE STRUCTURES TO BE DEMOLISHED. A BRIEF DESCRIPTION OF THE STRUCTURES IS INCLUDED FOR THE CONTRACTOR'S CONVENIENCE ONLY.
6. THE DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: PAVEMENTS, SIGNS, CURBS, UTILITIES, SIDEWALKS, TREES, BUILDING AND MISCELLANEOUS APPURTENANCES. UTILITY DEMOLITION INCLUDES ABOVE GROUND AND UNDERGROUND UTILITIES.
7. THE CONTRACTOR SHALL PRESERVE ANY BENCHMARKS LOCATED ON THE SITE.
8. PROVIDE ADEQUATE PROTECTION FOR PERSONS AND PROPERTY AT ALL TIMES. EXECUTE THE WORK IN A MANNER TO AVOID HAZARDS TO PERSONS AND PROPERTY AND PREVENT INTERFERENCE WITH THE USE OF AND ACCESS TO ADJACENT BUILDINGS, STREETS AND SIDEWALKS SHALL NOT BE BLOCKED BY DEBRIS AND EQUIPMENT.
9. WET DOWN DEBRIS DURING DEMOLITION AND LOADING OPERATIONS TO PREVENT THE SPREAD OF DUST.

10. CONTRACTOR MUST STOP OPERATION AND NOTIFY THE OWNER FOR PROPER DIRECTION IF ANY ENVIRONMENTAL OR HEALTH RELATED CONTAMINATE IS ENCOUNTERED DURING THE DEMOLITION/EXCAVATION PROCESS.
10. DISPOSAL
 - A. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PARKING, DRIVES, DRAINAGE, STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACT FILL MATERIAL.
 - B. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING OF THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
12. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING BUILDINGS AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES AND THE CONSTRUCTION OF THE NEW DEVELOPMENT.
13. PERMITTING: IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY REQUIRED PERMITTING FOR DEMOLITION FROM RESPONSIBLE REGULATORY AGENCIES AND FULLY ACKNOWLEDGE AND COMPLY WITH ALL REQUIREMENTS PRIOR TO COMMENCING DEMOLITION WORK.
14. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE EXTENT OF DEMOLITION REQUIRED IN ORDER TO PERFORM THE CONTRACT WORK FOR THIS PROJECT. THE CONTRACTOR SHALL CONDUCT SITE VISITS AND SHALL EXAMINE ALL OF THE INFORMATION WITHIN THESE DOCUMENTS: ALL DISCREPANCIES AND/OR OMISSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO BID SUBMITTAL.
15. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
16. THE SITE SHALL BE LEFT CLEAN AFTER DEMOLITION WORK AND BE READY FOR FILLING AND COMPACTION OPERATIONS.

GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE DEMOLITION OF EXISTING UTILITIES. UTILITY DEMOLITION AND CONSTRUCTION OF NEW LINES (SEWER, WATER, STORM, ETC.) MUST BE COORDINATED WITH THE OWNER, SURROUNDING BUILDINGS AND HOUSES (IF NECESSARY), UTILITY COMPANIES AND THE GOVERNING AUTHORITIES SO THAT DISRUPTION OF SERVICES WILL BE MINIMIZED.
2. FOR TREE REMOVAL REFER TO TREE REMOVAL PLAN

LEGEND

- PROPERTY LINE
- TO BE DEMOLISHED

This item has been digitally signed and sealed by Jorge Szauer, PE. On September 18, 2023.
 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Szauer Engineering
 Civil Engineers
 7251 W Palmetto Park Road Suite 100
 Boca Raton, FL 33433
 Phone: (561) 716-0159
 Certificate of Authorization Number 30129

Reviews:

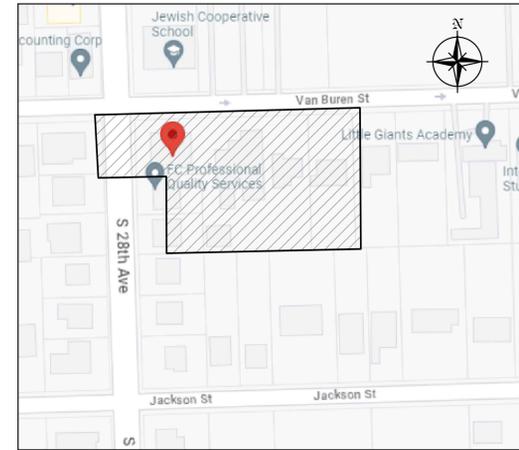
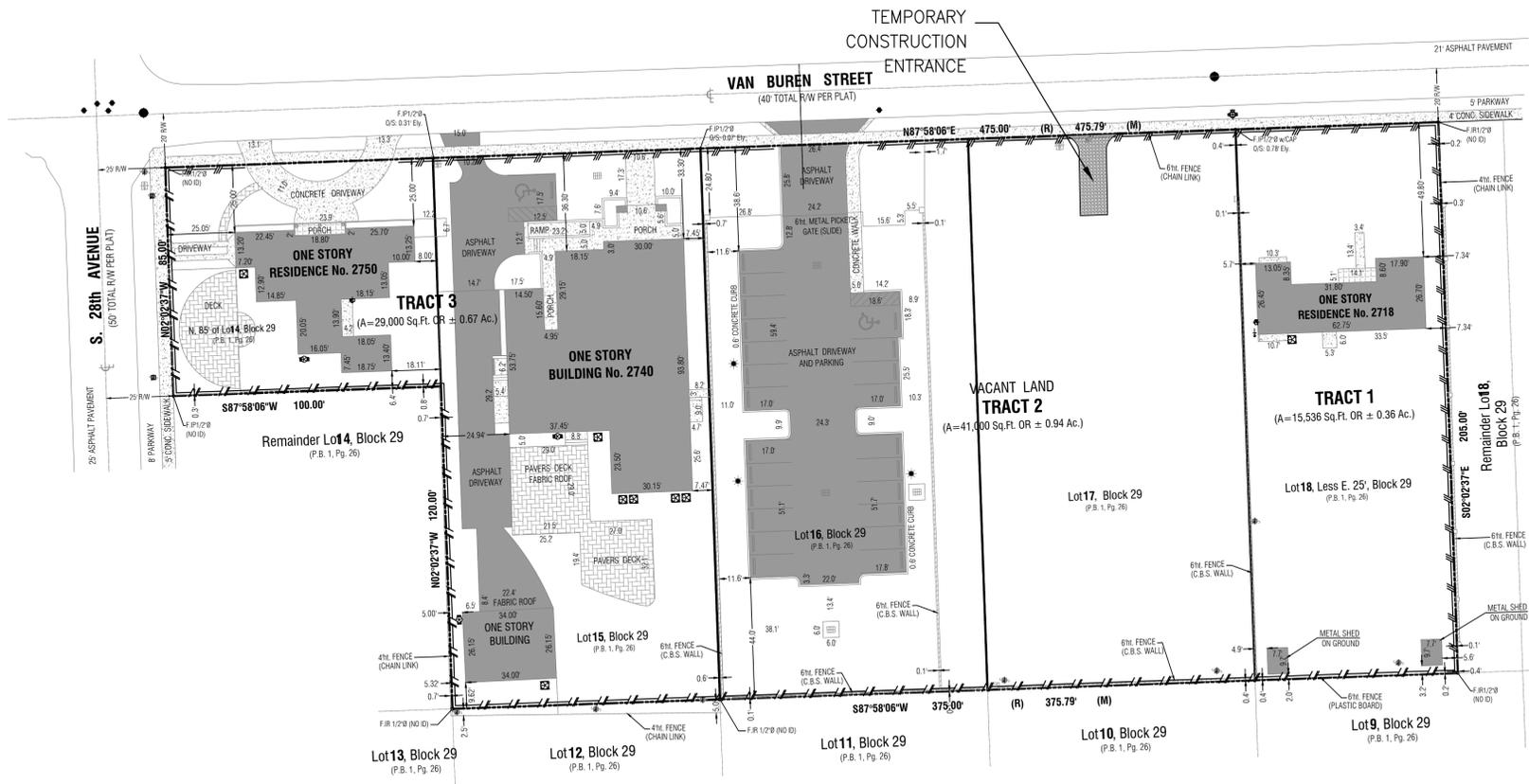
Client: VAN BUREN APARTMENTS
 Project: VAN BUREN APARTMENTS
 2750 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020

Plan Description: DEMOLITION PLAN

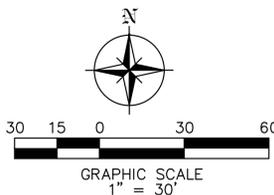
Seal: JORGE SZAUER
 FLA. REG. P.E. # 62579

Designed by:	JORGE M. SZAUER
Drawn by:	J. JANSE
Reviewed & Sealed:	JORGE M. SZAUER
Date:	SEP. 2023
Scale:	AS SHOWN
Job No.:	

Sheet: C-02
 of Sheets



LOCATION MAP
N.T.S.



CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING SEDIMENT INTRUSION INTO STORM WATER INLETS DURING CONSTRUCTION, WHEN APPLICABLE.

GENERAL EROSION & SEDIMENTATION CONTROL NOTES

- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THIS STORM WATER POLLUTION PREVENTION PLAN. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN, OR AS REQUIRED BY THE APPLICABLE GENERAL PERMIT. NO UNNECESSARY OR IMPROPERLY SEQUENCED CLEARING AND / OR GRADING SHALL BE PERMITTED.
- GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA , AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. CONTRACTOR SHALL CONSTRUCT TEMPORARY BERM ON DOWNSTREAM SIDES.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING , EQUIPMENT CLEANING , ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE MINIMIZED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH , TRASH , GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGHOUT THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL DENUDE / BARE AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE , MUST BE STABILIZED IMMEDIATELY UPON COMPLETION OF MOST RECENT GRADING ACTIVITY , WITH THE USE OF FAST-GERMINATING ANNUAL GRASS / GRAIN VARIETIES, STRAW / HAY MULCH WOOD CELLULOSE FIBERS , TACKIFIERS, NETTING OR BLANKETS.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SHOWN ON THE PLANS. THESE AREAS SHALL BE SEEDED, SODDED , AND / OR VEGETATED IMMEDIATELY, AND NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND / OR LANDSCAPE PLAN.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO PREVENT TRACKING OF DIRT, DUST OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE ONLY USE INGRESS / EGRESS LOCATIONS AS PROVIDED.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- CONTRACTOR OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE AND OFFSITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT , THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION AND POLLUTANT DISCHARGE.
- GENERAL CONTRACTOR IS TO DESIGNATE / IDENTIFY AREAS ON THE SITE MAPS, INSIDE OF THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
- WHEN INSTALLATION OF SILT FENCE IS PERFORMED, THE CONTRACTOR SHALL STABILIZE THE DISTURBED AREA ALONG THE DOWNWARD SLOPE BY SEEDING OR MULCHING AS CONDITIONS WARRANT.

BMP MAINTENANCE EROSION NOTES

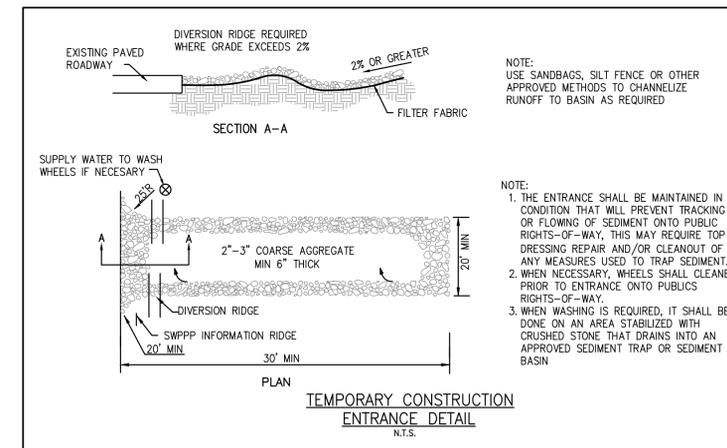
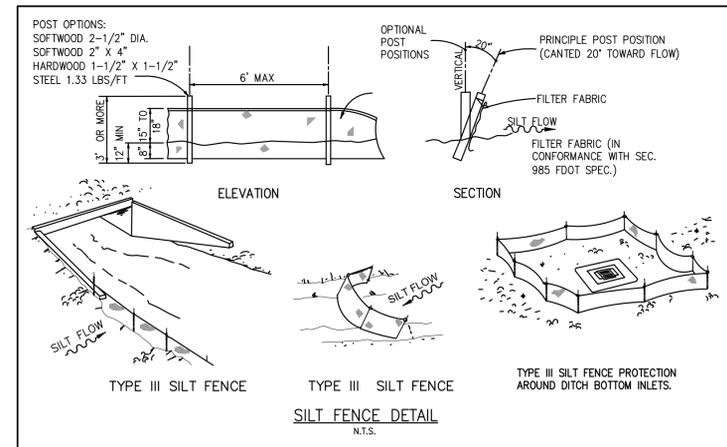
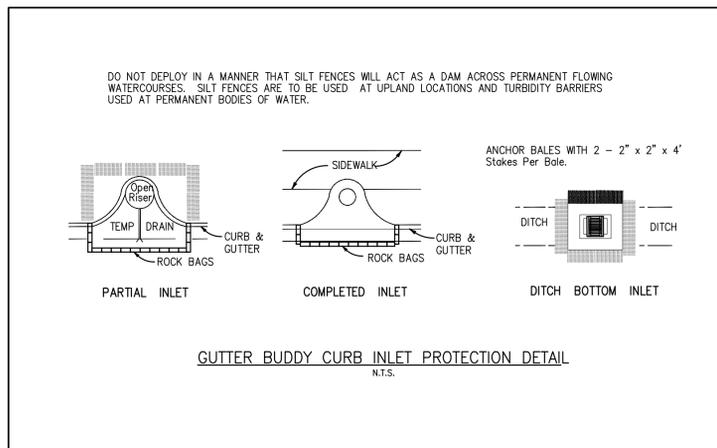
- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
- ALL SEEDED \ SODDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED \ RESODDED AS NEEDED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
- OUTLET STRUCTURES SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
- PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. AND DEBRIS AND / OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

WASHING AREAS

VEHICLES SUCH AS CEMENT OR DUMP TRUCKS AND OTHER CONSTRUCTION EQUIPMENT SHOULD NOT BE WASHED AT LOCATIONS WHERE THE RUNOFF WILL FLOW DIRECTLY INTO A WATERCOURSE OR STORMWATER CONVEYANCE SYSTEM. SPECIAL AREAS SHOULD BE DESIGNATED FOR WASHING VEHICLES. THESE AREAS SHOULD BE LOCATED WHERE THE WASH WATER WILL SPREAD OUT AND EVAPORATE OR INFILTRATE DIRECTLY INTO THE GROUND, OR WHERE RUNOFF CAN BE COLLECTED IN A TEMPORARY HOLDING OR SEEPAGE BASIN. WASH AREAS SHOULD HAVE GRAVEL BASES TO MINIMIZE MUD GENERATION.

LEGEND

- PROPERTYLINE
- PROPOSED SILT FENCE



This item has been digitally signed and sealed by Jorge Szauder, PE. On September 18, 2023.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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Reviews:

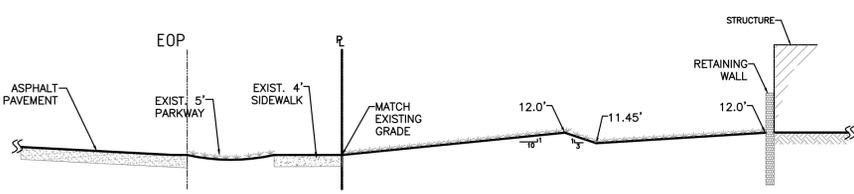
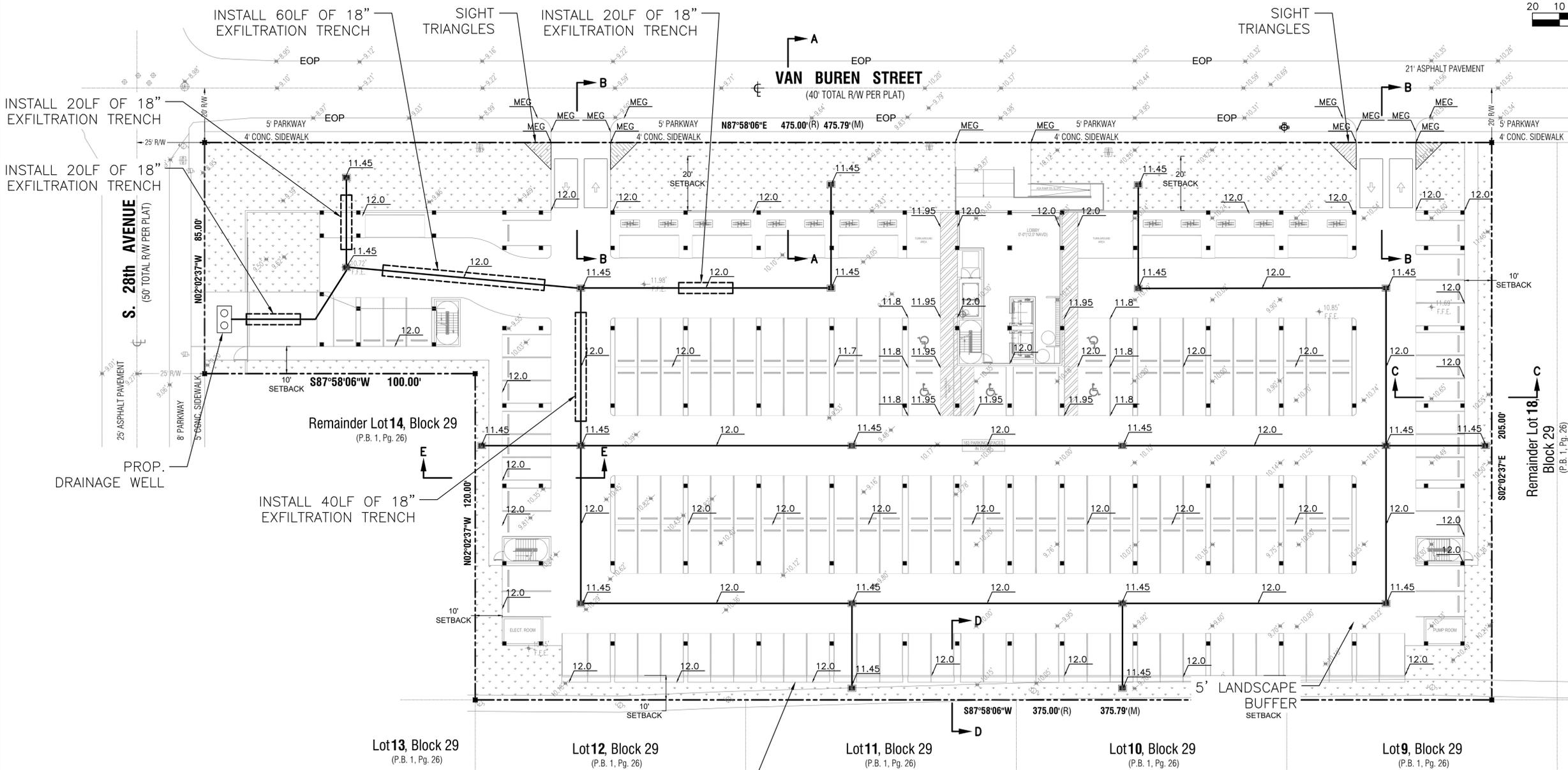
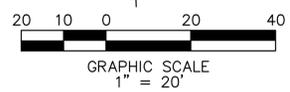
Client: VAN BUREN APARTMENTS
Project: VAN BUREN APARTMENTS
2750 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020

Plan Description: EROSION CONTROL PLAN

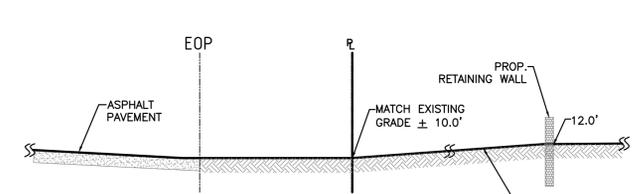
Seal: JORGE SZAUDER
FLA. REG. P.E. # 62579

Designed by: JORGE M. SZAUDER
Drawn by: J. JANSE
Reviewed & Sealed: JORGE M. SZAUDER
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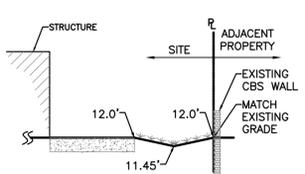
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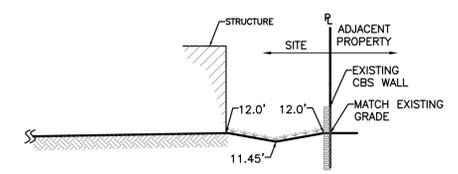
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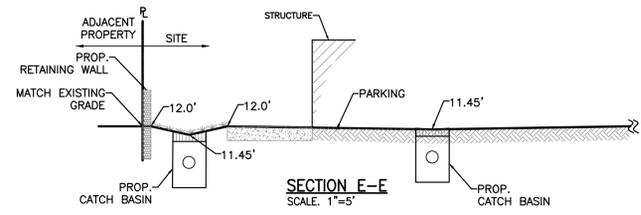
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SCALE: 1"=5'



SECTION C-C
SCALE: 1"=5'



SECTION D-D
SCALE: 1"=5'



SECTION E-E
SCALE: 1"=5'

ALL ELEVATIONS ARE RELATIVE TO THE NAVD 88 DATUM

NOTE:

ROOF DRAIN TO BE CONNECTED TO PROPOSED STORMWATER DRAINAGE SYSTEM

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LEGEND

- PROPERTY LINE
- EXISTING ELEVATION
- PROP. GRADING ELEVATION
- MEG MATCH EXISTING GRADE
- GRASS

Szauder Engineering
Civil Engineers
7251 W Palmetto Park Road Suite 100
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Certificate of Authorization Number 30129

Reviews:

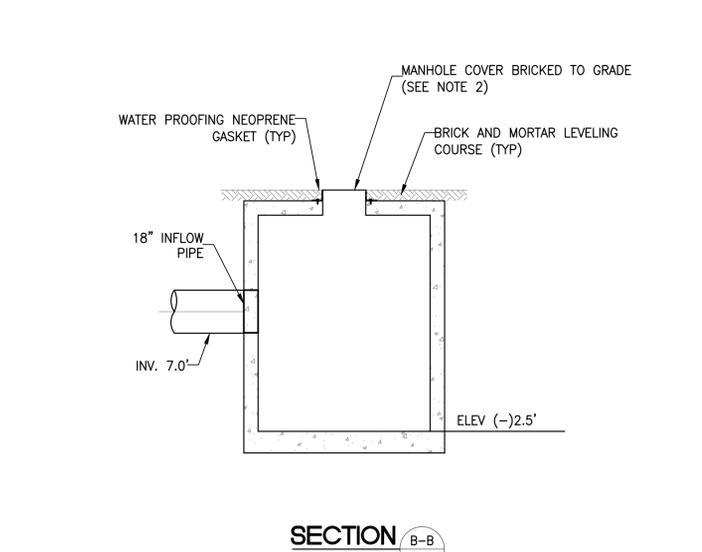
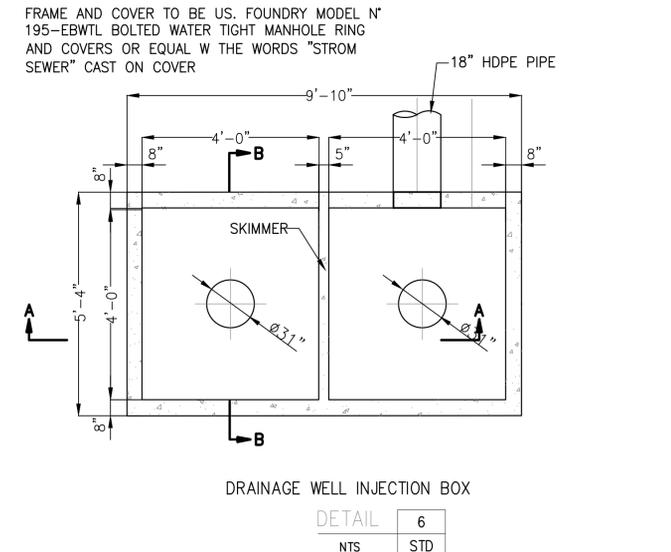
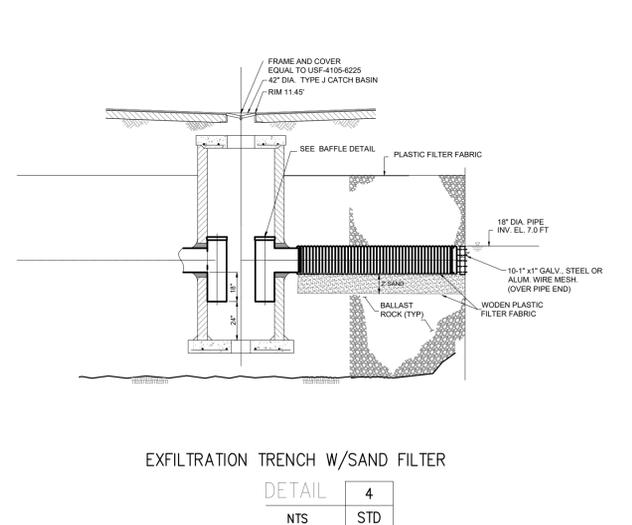
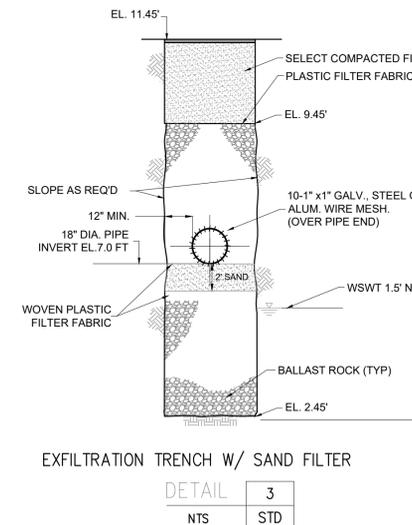
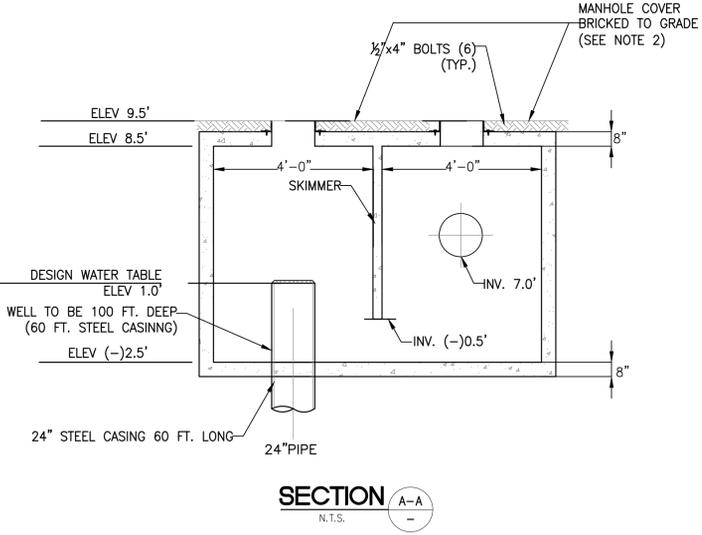
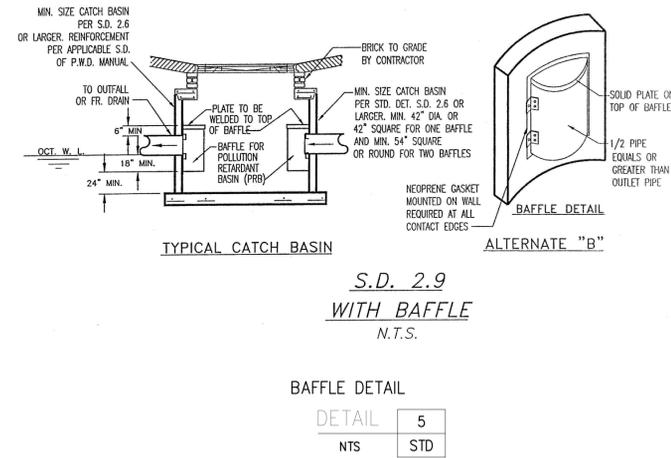
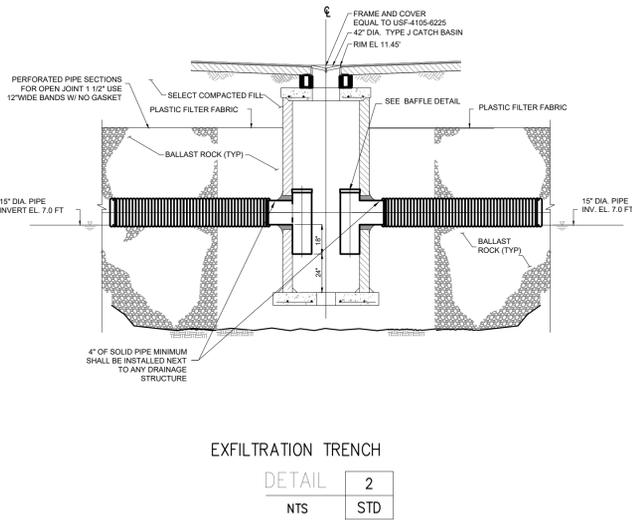
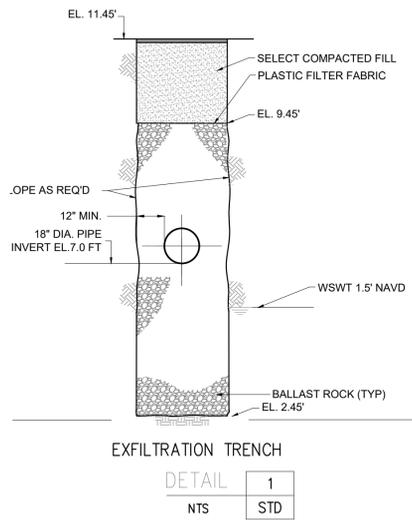
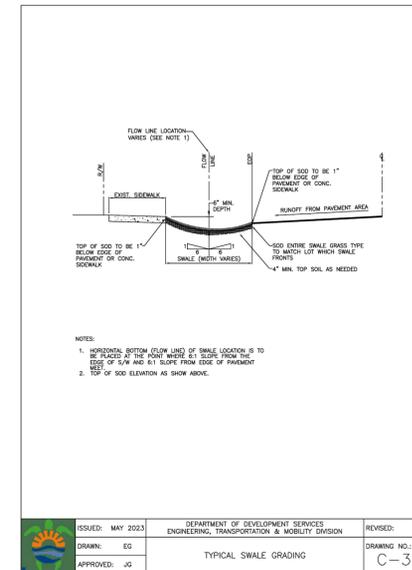
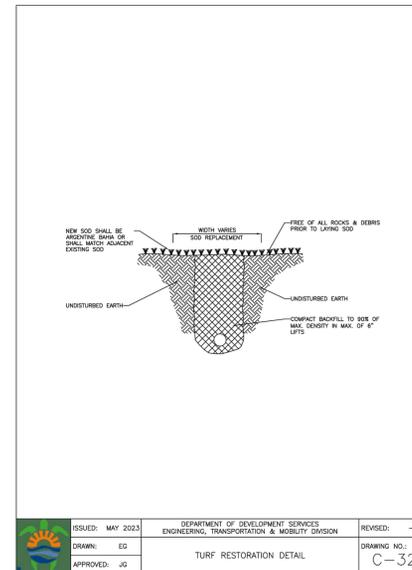
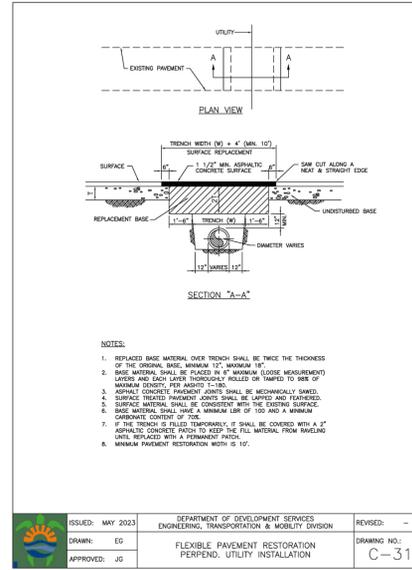
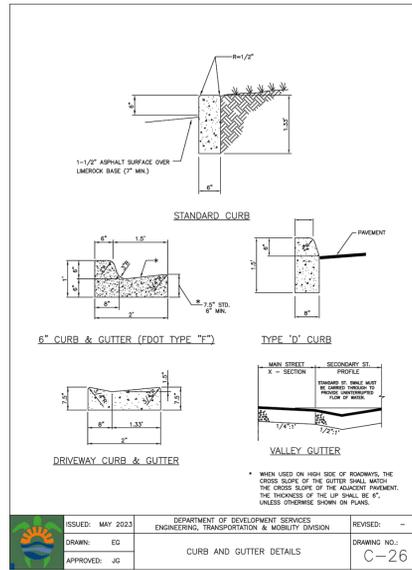
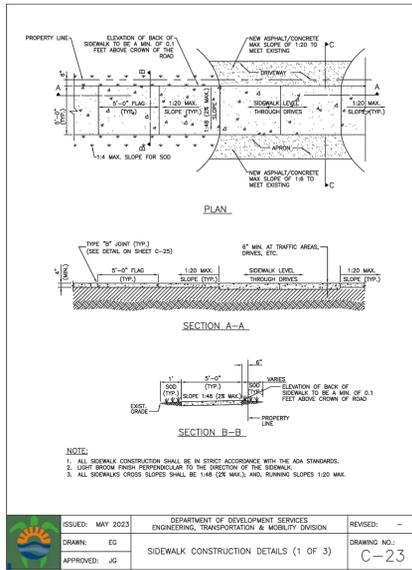
Client: VAN BUREN APARTMENTS
Project: VAN BUREN APARTMENTS
2750 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020

Plan Description: PAVING, GRADING & DRAINAGE

Seal: JORGE SZAUDER
FLA. REG. P.E. # 62579

Designed by: JORGE M. SZAUDER
Drawn by: J. JANSE
Revised & Sealed: JORGE M. SZAUDER
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Reviews:

Client: VAN BUREN APARTMENTS
 Project: VAN BUREN APARTMENTS
 2750 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020

PG&D
 DETAILS

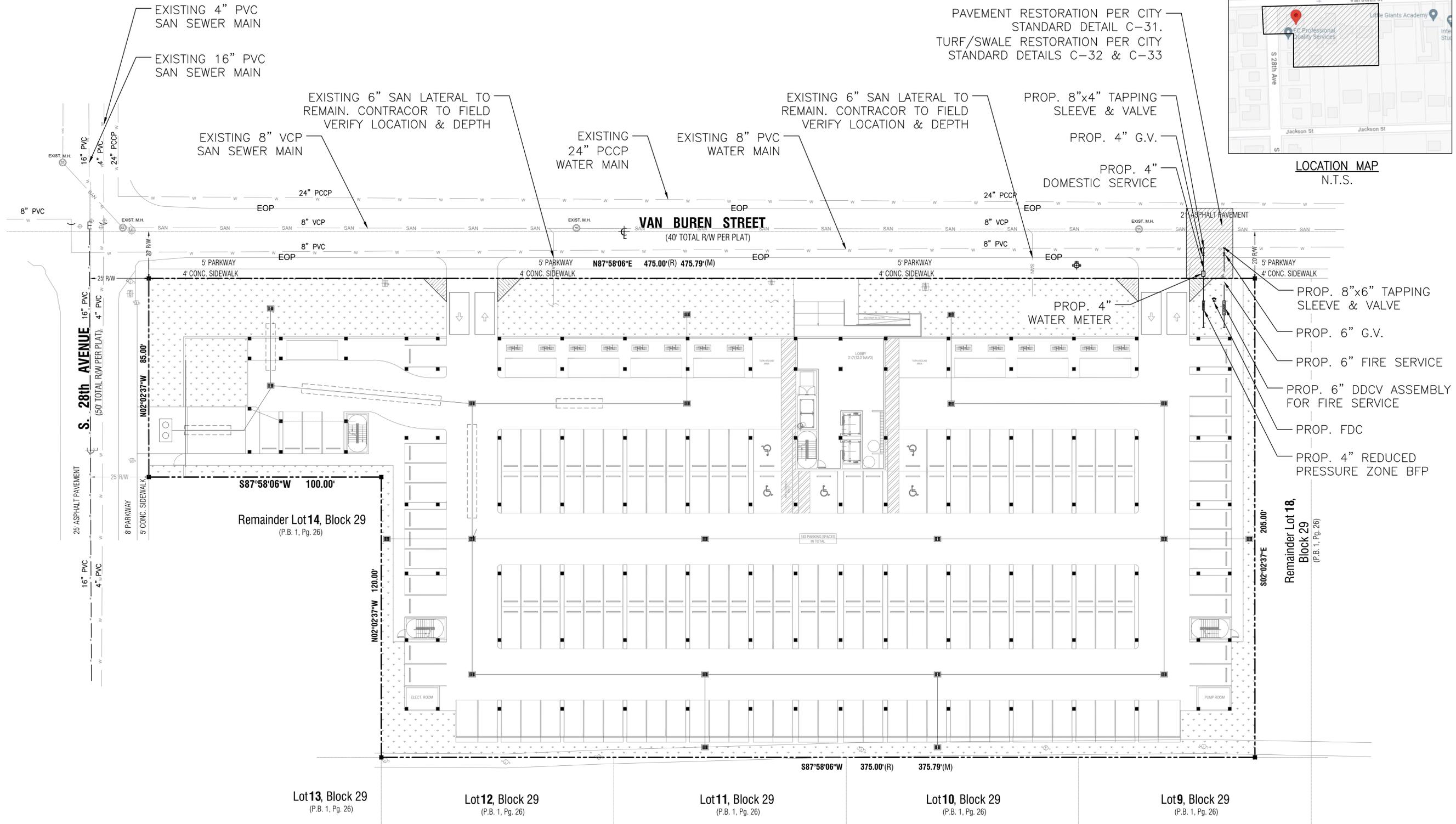
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Reviewed & Sealed:	JORGE M. SZAUDER
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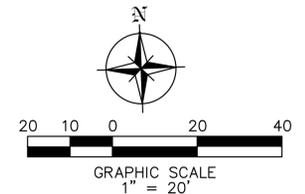
LOCATION MAP
N.T.S.

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Boca Raton, FL 33433
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Certificate of Authorization Number 30129



- LEGEND**
- PROPERTY LINE
 - GRASS
 - PAVEMENT RESTORATION

NOTE:
ALL UNDERGROUND FIRE MAIN WORK MUST BE COMPLETED BY FIRE PROTECTION CONTRACTOR HOLDING A CLASS I, II OR V LICENSE PER F.S. 633.102



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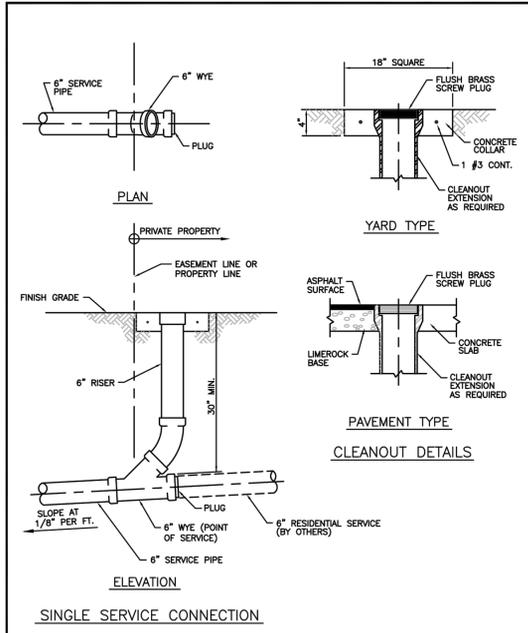
Client: VAN BUREN APARTMENTS
Project: VAN BUREN APARTMENTS
2750 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020

Plan Description: UTILITIES

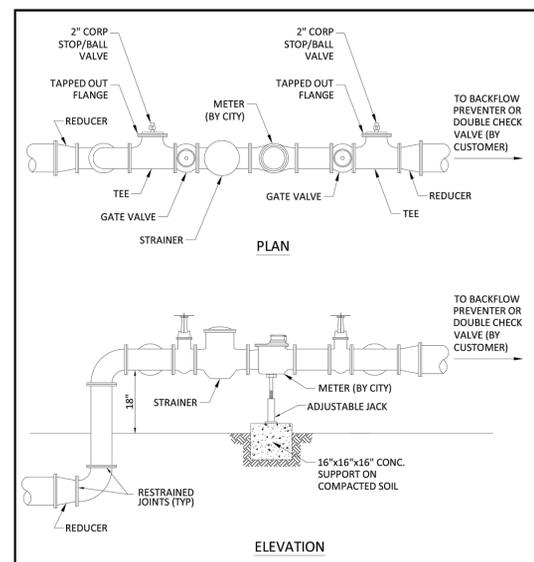
Seal: JORGE SZAUER
FLA. REG. P.E. # 62579

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Scale: AS SHOWN
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Sheet: C-05
of Sheets



ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	SEWER SERVICE CONNECTION AND CLEANOUT AT PROPERTY LINE	DRAWING NO. S-12
APPROVED: XXX		



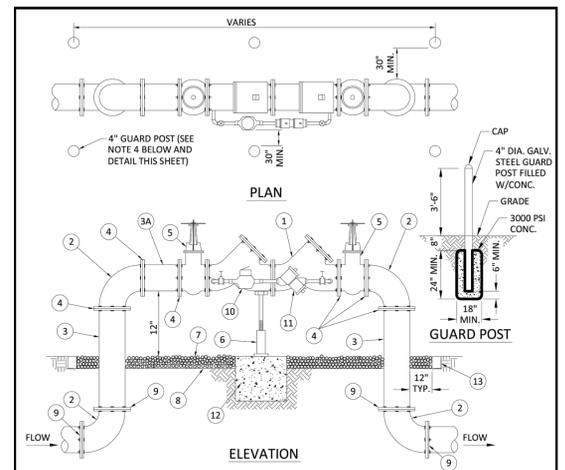
ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	TYPICAL METER 3" DIAMETER AND LARGER	DRAWING NO. W-11
APPROVED: XXX		

WATER MAIN TESTING AND DISINFECTION NOTES:

- NO CONNECTIONS TO THE EXISTING LINES SHALL BE MADE UNTIL THE PRESSURE AND BACTERIOLOGICAL TESTS HAVE BEEN PERFORMED ON THE PROPOSED WATER MAINS AND THE SYSTEM HAS BEEN APPROVED BY THE CITY OF HOLLYWOOD AND THE BROWARD COUNTY HEALTH DEPARTMENT.
- THE PRESSURE TEST SHALL BE PERFORMED FOR 2 HOURS AT A CONSTANT PRESSURE OF 150 PSI AND IN ACCORDANCE WITH RULE 62-555.330 (FAC) C600 AWWA LATEST REVISION, EXCEPT AS OTHERWISE SPECIFIED HEREIN AND IN SPECIFICATION SECTION 15995, "PIPELINE TESTING AND DISINFECTION". PRESSURE TEST SHALL BE WITNESSED BY THE CITY OF HOLLYWOOD. THE ALLOWABLE LEAKAGE SHALL BE LESS THAN THE NUMBER OF GALLONS PER HOUR AS DETERMINED BY THE FORMULA:

$$L = \frac{5 \times D \times \sqrt{P}}{148,000}$$
 L = THE ALLOWABLE LEAKAGE IN GALLONS PER HOUR.
 S = THE LENGTH OF PIPE BEING TESTED.
 D = THE NOMINAL DIAMETER OF THE PIPE BEING TESTED.
 P = THE AVERAGE TEST PRESSURE IN POUNDS PER SQUARE INCH.
- THE COMPLETE LENGTH OF THE PROPOSED WATER MAIN SHALL BE TESTED, IN LENGTHS NOT TO EXCEED 2,000 FEET PER TEST.
- PROPOSED WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARD C651 AND BACTERIOLOGICAL TESTED FOR TWO CONSECUTIVE DAYS IN ACCORDANCE WITH SPECIFICATION SECTION 15995, "PIPELINE TESTING AND DISINFECTION".
- BACTERIOLOGICAL TESTS SHALL BE REQUESTED AND PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL DIRECTLY HIRE A TESTING LABORATORY CERTIFIED BY THE FLORIDA DEPARTMENT OF HEALTH IN ORDER TO COLLECT AND TEST WATER SAMPLES FROM THE WATER DISTRIBUTION SYSTEM TO BE PLACED INTO SERVICE. SAMPLE COLLECTION AND BACTERIOLOGICAL ANALYSES SHALL BE PERFORMED IN ACCORDANCE WITH RULES 62-555.315(6), 62-555.340 AND 62-555.330 (FAC), AS WELL AS ALL REQUIREMENTS OF THE BROWARD COUNTY HEALTH DEPARTMENT PERMIT.
- THE WATER DISTRIBUTION SYSTEM SHALL NOT BE CONSIDERED COMPLETE AND READY FOR FINAL INSPECTION UNTIL SUCCESSFUL TEST RESULTS ARE OBTAINED FOR ALL TESTS DESCRIBED ABOVE.

ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	WATER MAIN TESTING AND DISINFECTION NOTES	DRAWING NO. W-14
APPROVED: XXX		



MATERIALS					
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/WEDGED 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:

- FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH.
- ALL PIPING SHALL BE D.I.P. CL 50/52 AS APPLICABLE TO MINIMUM STANDARDS.
- ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER.
- PROTECTIVE 4" GALV. GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTOR'S DIRECTIONS.
- MAY USE 45° BENDS (SEE DETAIL W-07.2) WHEN WORKING AREA IS NOT LIMITED, AS DIRECTED BY CITY.
- GATE VALVES SHALL BE CHAINED AND LOCKED TOGETHER TO PREVENT TAMPERING.

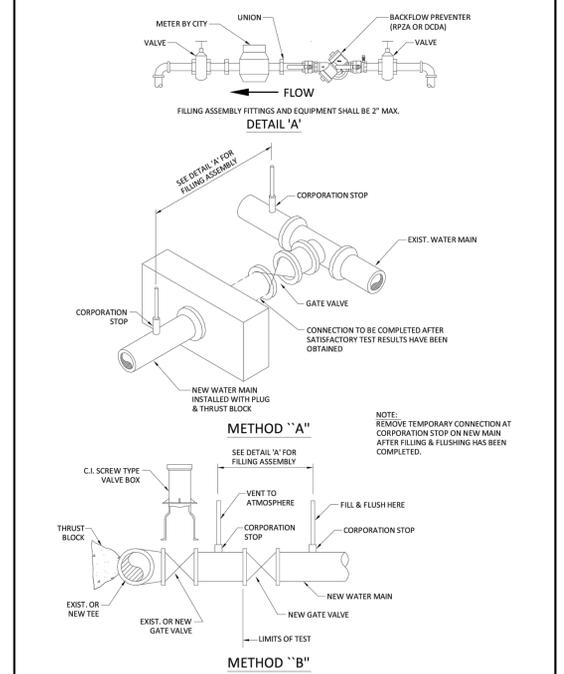
ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	TYPICAL 4", 6" AND 8" DOUBLE CHECK DETECTOR ASSEMBLY FOR FIRE SPRINKLER SERVICE (90° BENDS)	DRAWING NO. W-03
APPROVED: XXX		

SEWER NOTES:

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

$$L = \frac{5 \times D \times \sqrt{P}}{148,000}$$
 WHERE:
 L = ALLOWABLE LEAKAGE FOR SYSTEM IN GALLONS PER HOUR
 D = PIPE DIAMETER IN INCHES
 S = LENGTH OF LINES IN LINEAL FEET
 P = AVERAGE TEST PRESSURE IN PSI
- CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH FORCE MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, FORCE MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 12" MINIMUM SEPARATION FROM WATER MAINS AND 6" MINIMUM SEPARATION FROM OTHER UTILITIES. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
- WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH, THE CONTRACTOR SHALL FURNISH, PUT IN PLACE AND MAINTAIN SUCH SHEETING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION TO ENSURE PERSONNEL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER SAFETY REQUIREMENTS.

ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	SANITARY SEWER MAIN CONNECTIONS	DRAWING NO. S-01
APPROVED: XXX		



ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	FILLING AND FLUSHING DETAILS	DRAWING NO. W-15
APPROVED: XXX		

Fire Flow Calculations for 2750 Van Buren

SITE DATA

Proposed is the construction of a four (4) story Class IB residential Building located at 2750 Van Buren Street in Hollywood, Florida, Broward County. The existing land uses surrounding the site are residential to the North, South, East and West.

DESIGN CRITERIA

The proposed building shall have an approved automatic sprinkler system.

Per NFPA-1 18.4.2 Type I (443), Type I (332), and Type II (222) Construction fire flow area shall be the area of the three largest successive floors. Fire flow area: 41,526 X 3 = 124,578 sf

Per NFPA-1 Table 18.4.5.2.1 the required fire flow for a 124,578 sf Type I Building is 3,750 gpm with a flow duration of 3 hours.

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

REQUIRED FIRE FLOW

3,750 X 0.25 = 937 GPM (1,000 gpm Min)

Hydrant Flow Test Result on Van Buren Street and Hollywood Boulevard. is 1,030 gpm. The minimum 1,000 gpm shall be available.

2750 VAN BUREN

Waste Water Generation				
Use	Quantity	Generation Rate*	ERU	Demand
Proposed				
Residential				
Studio	48	250 GPD	38.0	12,000 GPD
One Bedroom	60	250 GPD	47.6	15,000 GPD
Two Bedroom	37	250 GPD	29.4	9,250 GPD
Pool	25 person capacity	2 gal/person	0.2	63 GPD
		Total Proposed	115 ERU @ 315 GPD	36,313 GPD

Potable Water Consumption				
Use	Quantity	Generation Rate*	ERU	Demand
Proposed				
Residential				
Studio	48		38.0	13,300 GPD
One Bedroom	60		47.6	16,660 GPD
Two Bedroom	37		29.4	10,290 GPD
Pool	25 person capacity		0.2	70 GPD
		Total Proposed	115 ERU @ 350 GPD	40,320 GPD

* As per the Florida Administrative Code: Chapter 64E-6.008 Table I for System Design, ESTIMATED SEWAGE FLOW. ERU = Equivalent Residential Unit and the Broward County Code of Ordinances Section 27-201

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 Civil Engineers
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 Phone: (561) 716-0159
 Certificate of Authorization Number 30129

Reviews:

Client: VAN BUREN APARTMENTS
 Project: VAN BUREN APARTMENTS
 2750 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020

UTILITIES DETAILS

Designed by: JORGE M. SZAUER
 Drawn by: J. JANSE
 Revised & Sealed: JORGE M. SZAUER
 Date: SEP. 2023
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 Sheet:

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

JORGE M. SZAUER

J. JANSE

JORGE M. SZAUER

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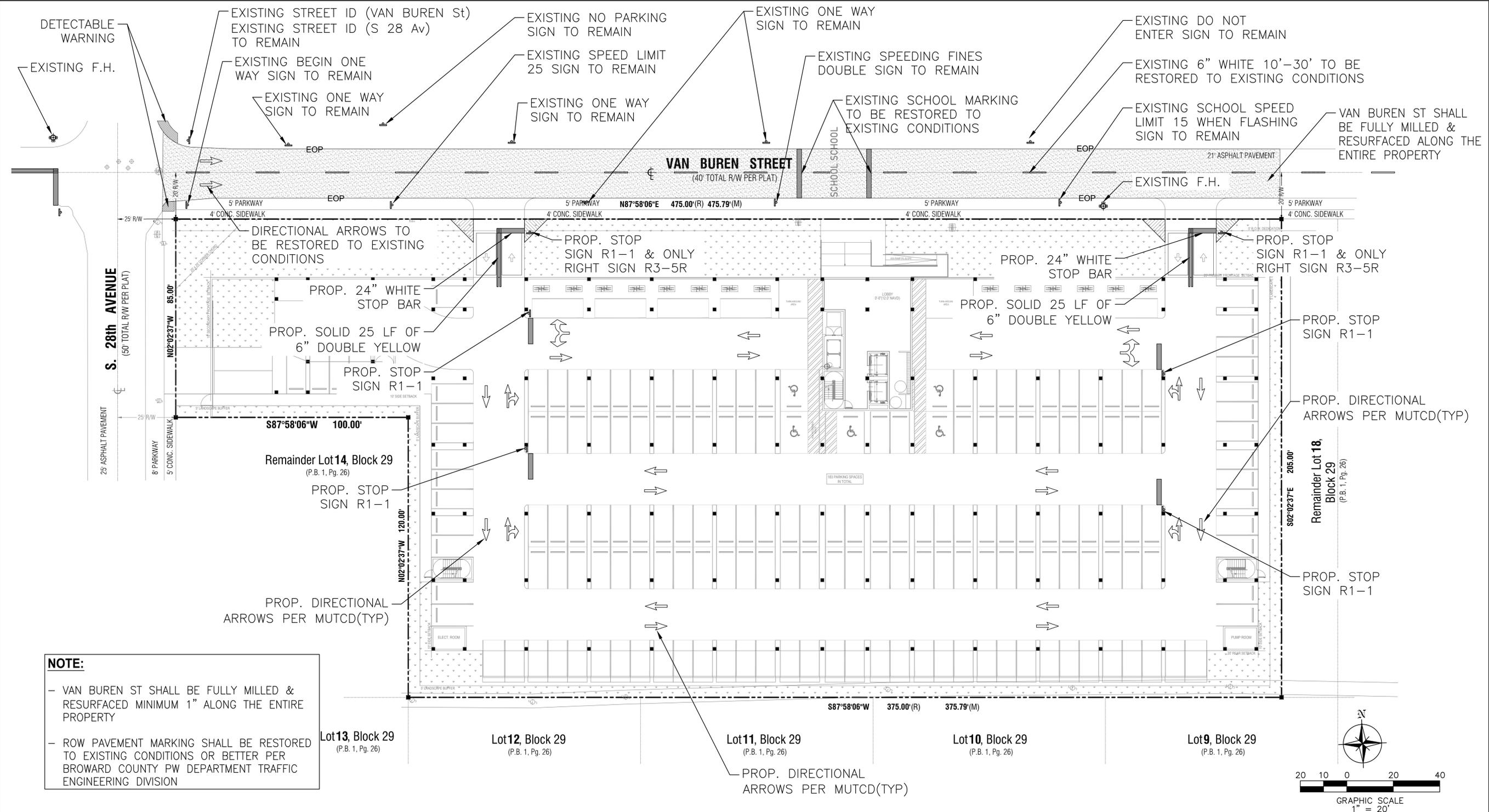
Reviews:

Client: **VAN BUREN APARTMENTS**
 Project: **VAN BUREN APARTMENTS**
 2750 VAN BUREN STREET, HOLLYWOOD, FLORIDA 33020

Plan Description:
PAVING PLAN

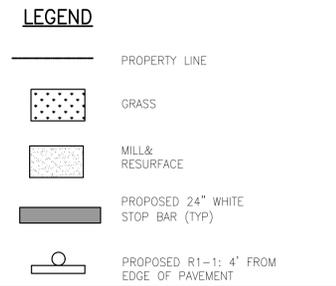
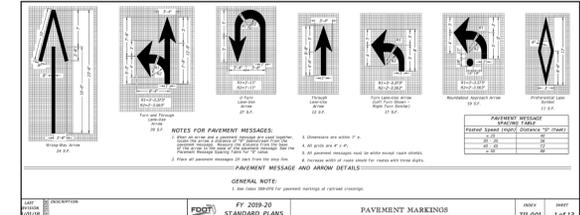
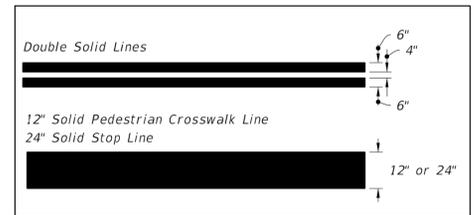
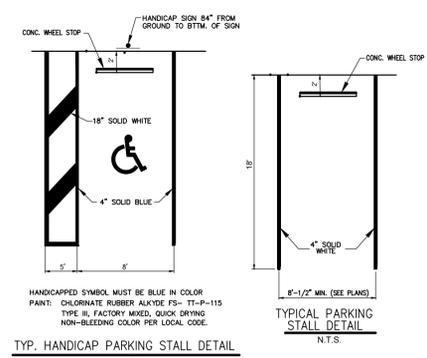
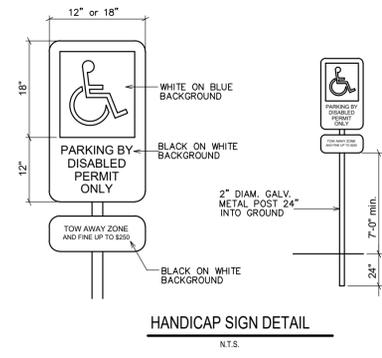
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 Revised & Sealed: **JORGE M. SZAUER**
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 Sheet:

C-06
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NOTE:

- VAN BUREN ST SHALL BE FULLY MILLED & RESURFACED MINIMUM 1" ALONG THE ENTIRE PROPERTY
- ROW PAVEMENT MARKING SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER PER BROWARD COUNTY PW DEPARTMENT TRAFFIC ENGINEERING DIVISION



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2750
Van
Buren



May 11, 2023

Joseph B. Kaller, AIA, LEED AP BD+C, President
Kaller Architecture
2417 Hollywood Boulevard
Hollywood, Florida 33020

Via Email Only

Dear Mr. Kaller:

Re: Platting requirements for a parcel legally described as the North 85 feet of Lot 14, all of Lots 15-17 and the West 75 feet of Lot 18, Block 29, "Hollywood Little Ranches," according to the Plat thereof, as recorded in Plat Book 1, Page 26, of the Public Records of Broward County, Florida. This parcel is generally located on the south side of Van Buren Street, between South 26 Avenue and South 28 Avenue, in the City of Hollywood.

This letter is in response to your correspondence regarding the Broward County Land Use Plan's platting requirements for a proposed multi-family residential development on the above referenced parcel.

Planning Council staff has determined that replatting **would not be required** by Policy 2.13.1 of the Broward County Land Use Plan (BCLUP). As per the criteria of Policy 2.13.1, replatting is required for the issuance of building permits when constructing a non-residential or unified residential development, unless all of the following conditions are met:

- a. The lot or parcel is smaller than 10 acres and is unrelated to any adjacent development;
- b. A majority of the lot or parcel has been specifically delineated in a recorded plat;
- c. All land within the lot or parcel which is necessary to comply with the County Trafficways Plan has been conveyed to the public by deed or easement; and
- d. The proposed development is in compliance with the applicable land development regulations.

The subject parcel is less than 10 acres (approximately 1.96 acres) and meets the specifically delineated requirement. This platting interpretation is subject to the municipality finding that the proposed development is unrelated to any adjacent development, as noted in "a." above.

Joseph B. Kaller
May 11, 2023
Page Two

The contents of this letter are not a judgment as to whether this development proposal complies with State or local vehicular access provisions, 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 BCLUP, including concurrency requirements.

If you have any additional questions concerning the BCLUP's platting requirements, please contact Julie M. Bernal at your convenience.

Respectfully,



Barbara Blake Boy
Executive Director

BBB:JMB

cc/email: **George Keller, City Manager**
City of Hollywood

Shiv Newaldass, Director, Development Services
City of Hollywood



Project ID.: 2750 van Buren
Engineer: Jorge M. Szauer, P.E.
Client: Kaller Arch
Date: 9/15/2023

Surface Water Management Calculations for 2750 Van Buren

Proposed is the construction of a multifamily residential building on a 1.96 acre site. The proposed surface water management system will consist of inlets, culverts and exfiltration trench that will overflow into one (1) proposed drainage well with control elevations at 6.5' NAVD. Required water quality treatment will be provided within the proposed exfiltration trench system.

SITE DATA

The site is located at 2750 Van Buren Street in Hollywood, Florida, Broward County. The project consists of a 1.96 acre multifamily residential building. The existing land uses surrounding the site are residential to the North, South, East and West.

Table 1 summarizes the proposed landuse breakdown of the project

Description	Proposed Site
Total Area:	1.96 ac
Roof Area:	0.06 ac
Impervious Area:	1.54 ac
Pervious Area:	0.36 ac

Wet season water table elevation = 1.0' NAVD (based on the County's future conditions wet season water table elevation map)

Design Storm Rainfall Amount (see SFWMD Rainfall Curves attached)

Roads (10-year, 1-day) = 8 Inches

Design (25-year, 3-day) = 13 inches

Finish Floor (100-year, 3-day) = 16 inches

DESIGN CRITERIA

The proposed stormwater retention system has been design to retain the 25-year, 3-day storm runoff volume per code requirements. A drainage well is proposed to handle the stormwater runoff for the 25-year, 3-day and 100-year, 3-day storm events.

FEMA flood zone X

Broward County Future Conditions 100-year flood elevation = 12.0' NAVD

WATER QUALITY

Water quality requirements are defined based on the following criteria: the first inch of runoff over the entire site, or 2.5 inches times the percent impervious

2.5 inches times the percent impervious controls over the first inch of runoff over the entire site

2.5 inches times the percent impervious = 0.33 ac-ft (see water quality calculations attached)

SOIL STORAGE

Soil Storage (S) has been calculated to be 1.24 inches over the entire site (see soil storage calculations attached)

EXFILTRATION TRENCH CALCULATIONS

Water Table Elevation: 1.0 FT NAVD

Average Finished Grade for Trench Purposes 11.45 FT NAVD

Exfiltration Trench Length = $FS[(\%WQ)(Vwq)+Vadd / (K(H2*W + 2*H2*Du - Du^2 + 2*H2*Ds) + (1.39E-4*W*Du))$

L= 136 Ft - Length of trench required

%WQ= 75%

Vwq= 2.97 ac-in

Vadd= 0.00 Acre-inch - Volume treated

W= 4 Ft - Trench Width

K= 2.00E-04 CFS/FT^2-Ft. Head - Hydraulic Conductivity

H2= 10.45 Ft - Depth to Water Table

Du= 9.45 Ft - Non-Saturated Trench Depth

Ds= 2 Ft - Saturated Trench Depth

SITE STAGE STORAGE

2750 Van Buren Site Stage Storage (ac-ft)				
Stage (ft NAVD)	Pervious (ac-ft)	Impervious (ac-ft)	Exfiltration Trench (ac-ft)	Total (ac-ft)
10.00	0.00	0.00	0.25	0.25
10.50	0.00	0.00	0.25	0.25
11.00	0.00	0.00	0.25	0.25
11.50	0.00	0.05	0.25	0.30
12.00	0.42	0.18	0.25	0.85

DRAINAGE WELLS (Proposed Conditions Only)

One drainage well will dispose of the 25-year, 3-day storm and the 100-year, 3-day storm events.

A conservative Well Capacity of 250 GPM/FT of head is assumed based on existing wells in the vicinity of the project.

The effective head over the well is calculated subtracting the SHWT and the Head loss due to fresh-salt water hydrostatic balance.

The control elevation shall be set at 3.0' NAVD, the SHWT is 1.0' NAVD (based on the County's future conditions wet season water table) and the head loss due to hydrostatic balance is 2'.

The well shall have an average drainage capacity of 750 GPM . The proposed well is more than adequate to provide drainage for a 100-year, 3-day storm event.

The computer program "CASCADE" is being used to model the site. The drainage wells is this proram are modeled as "pumps". The following is a summary of the input of the drainage well information into the CASCADE model.

Pumps	On - Off Elevation (NAVD) On	Off	Pump Capacity (gpm)	Water Level (NAVD)	Well Capacity (gpm)
1	3.5	3.5	250 gpm x 0.5 ft of head = 125 gpm	3.5	125
2	4	4	250 gpm x 0.5 ft of head = 125 gpm	4	250
3	4.5	4.5	250 gpm x 0.5 ft of head = 125 gpm	4.5	375
4	5	5	250 gpm x 0.5 ft of head = 125 gpm	5	500
5	5.5	5.5	250 gpm x 0.5 ft of head = 125 gpm	5.5	625
6	6	6	250 gpm x 0.5 ft of head = 125 gpm	6	750
7	6.5	6.5	250 gpm x 0.5 ft of head = 125 gpm	6.5	875
8	7	7	250 gpm x 0.5 ft of head = 125 gpm	7	1000
9	7.5	7.5	250 gpm x 0.5 ft of head = 125 gpm	7.5	1125
10	8	8	250 gpm x 0.5 ft of head = 125 gpm	8	1250
11	8.5	8.5	250 gpm x 0.5 ft of head = 125 gpm	8.5	1375

RUNOFF CALCULATIONS

$$Q=(P-0.2S)^2/(P+0.8S)$$

Proposed Conditions

Design Frequency	Precipitation P (in)	Soil Storage S (in)	Runoff Q (in)	Runoff Volume (Ac-ft)	Peak Stage (NAVD)	Discharge into one drainage well
10y-1d	8.00	1.24	6.92	1.13	5.08	
25y-3d	13.00	1.24	8.51	1.39	5.20	
100y-3d	16.00	1.24	10.77	1.76	5.63	

Proposed FFE 12.0

EXHIBITS

Appendix C: Isohyetal Maps
from SFWMD Technical Memorandum, *Frequency Analysis of One and Three Day
Rainfall Maxima for central and southern Florida*, Paul Trimble, October 1990.

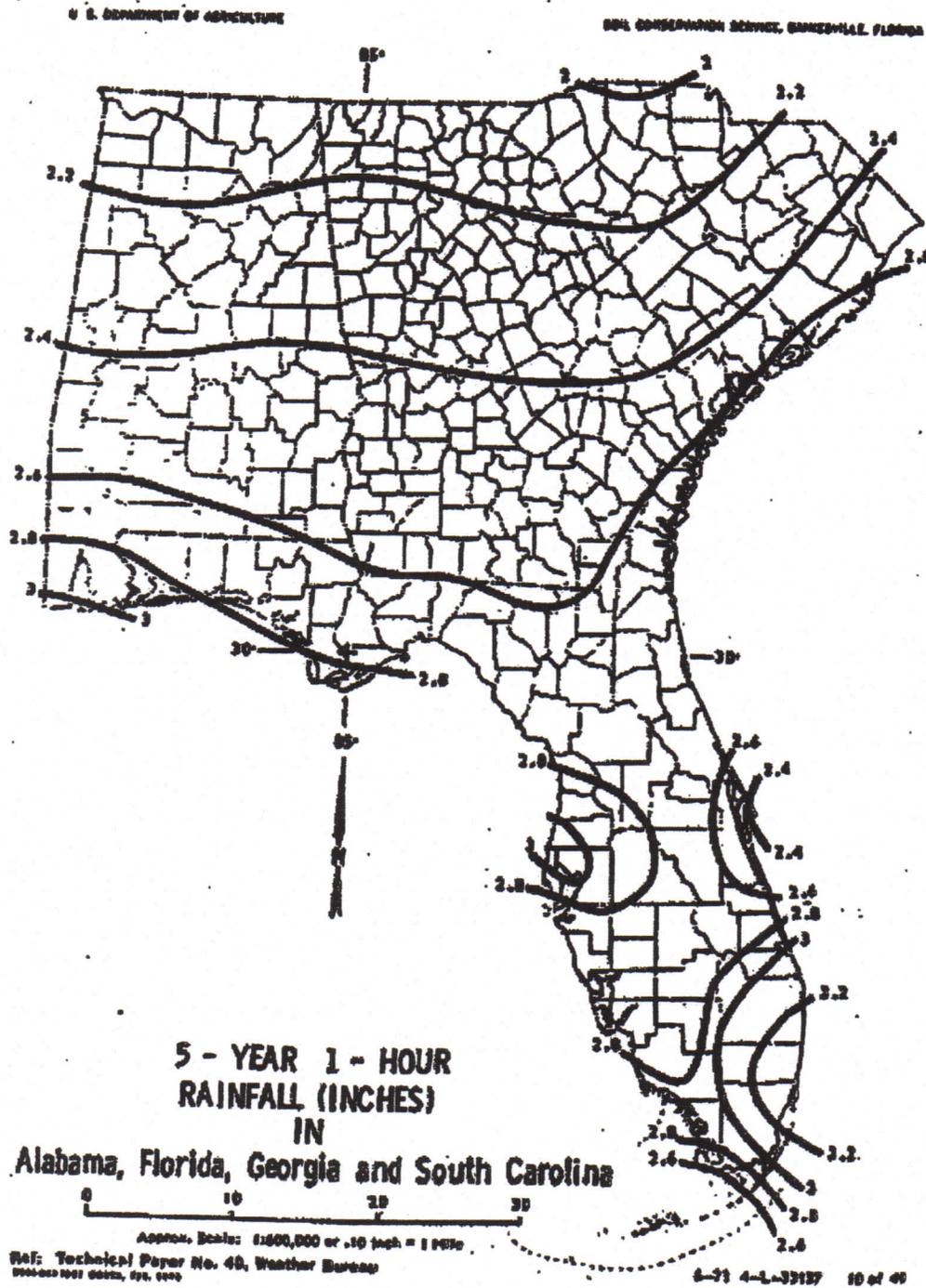


Figure C-1

A-11
FIGURE 3 - SFWMD RAINFALL 5YR, 1 HR

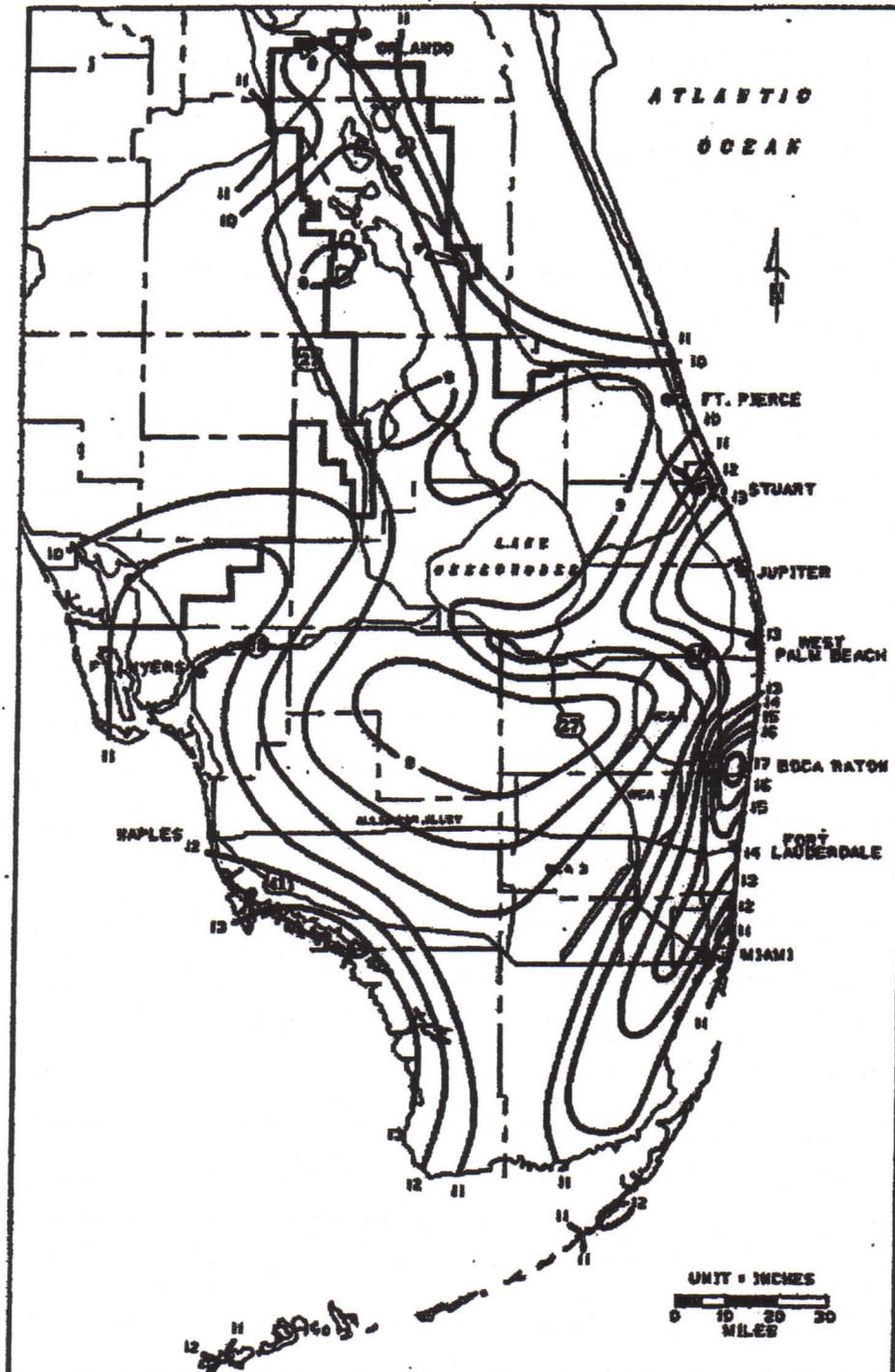


FIGURE C-8. 3-DAY RAINFALL: 25-YEAR RETURN PERIOD

FIGURE 4 - SFWMD RAINFALL 25YR, 3 DAY

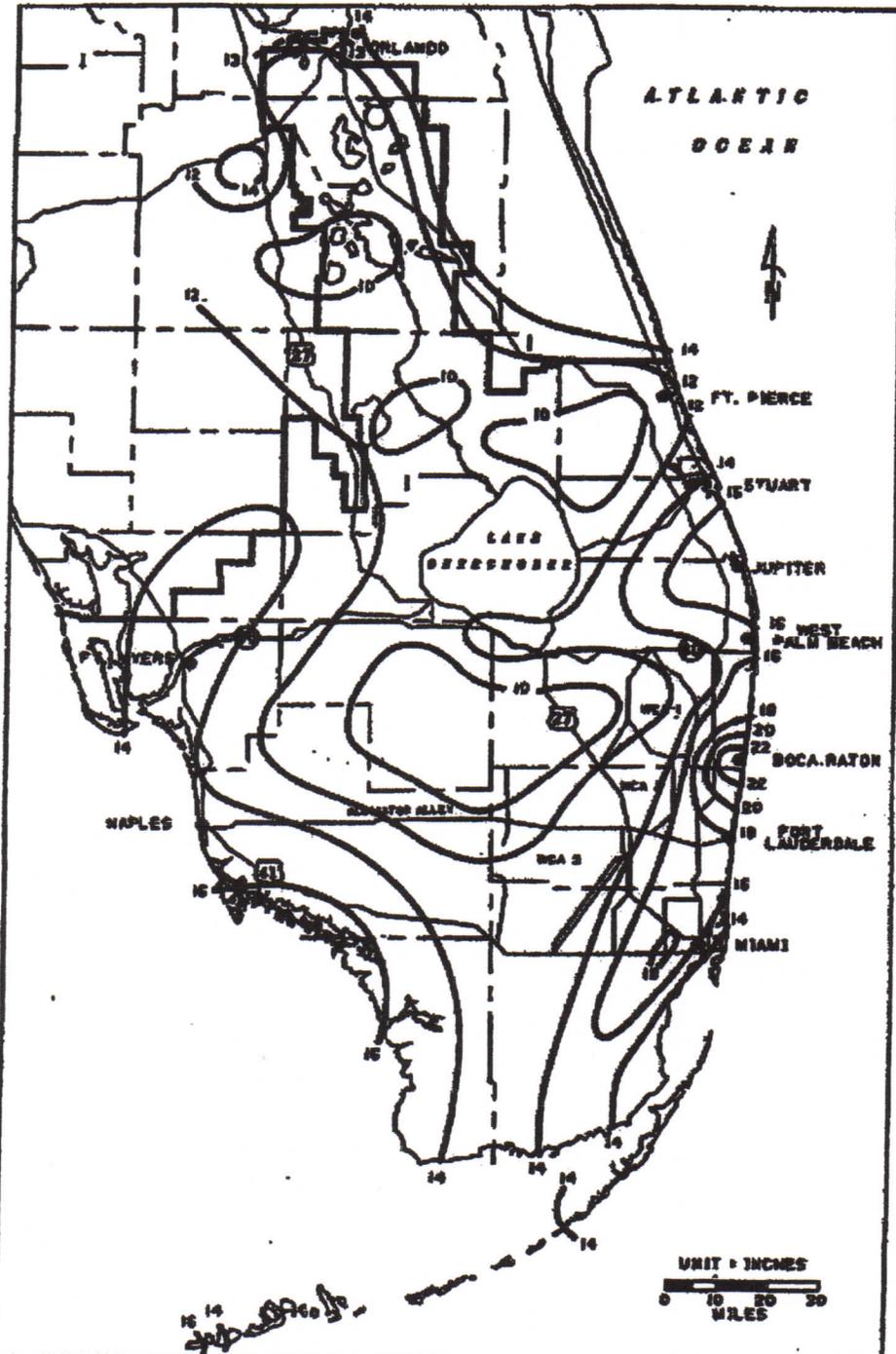


FIGURE C-9. 3-DAY RAINFALL: 100-YEAR RETURN PERIOD

FIGURE 5 SFWMD RAINFALL 100YR, 3 DAY

Water Quality Calculation

2.5" * % Impervious vs. 1" over site

2750 Van Buren Street

Date: 15-Sep-23

Input data in boxes below:

Total Area:	<input type="text" value="1.96"/>	acre
Lake & WL:	<input type="text" value="0.00"/>	"
Roof:	<input type="text" value="0.06"/>	"
Pervious Area:	<input type="text" value="0.36"/>	"

2.5 Inch * % Impervious:

$$\text{Vol} = 2.5 / 12 * (\text{Total} - \text{lakes}) * (\text{Total} - \text{roof} - \text{lake} - \text{pervious}) / (\text{Total} - \text{roof} - \text{lake})$$

$$\% \text{ Impervious} = (\text{Total} - \text{roof} - \text{lake} - \text{pervious}) / (\text{Total} - \text{roof} - \text{lake})$$

$$\text{Treatment Vol} = 2.5" / 12 * (\text{Total} - \text{lake}) * (\% \text{ Impervious})$$

$$\begin{aligned} \% \text{ Impervious} &= 81.05\% \\ \text{Treatment Vol} &= \underline{0.33} \text{ ac-ft} \end{aligned}$$

OR:

1" Over Entire Site:

$$\text{Total Area} = 1.96 \text{ acre}$$

$$\text{Treatment Vol} = \underline{0.16} \text{ ac-ft}$$

The required water quality volume is based on: 2.5 X % Imperv. Area

The required water quality volume is: 0.33 acre-feet

Comments:

Soil Type: Flatwoods (2)

Soil Storage Calculation

Project: **2750 Van Buren**

Date: **15-Sep-23**

DWT	S (inches)
0	0
1	0.6
2	2.5
3	5.4
4	9

User Enter Data is Shown in Blue & Bold Font

SHGWT (Seasonal high groundwater table elevation): **1** ft NAVD
 Total Impervious area (see note below): **1.600** acres

Pervious Area Description	Pervious Area Acreage (acres)	Low Elevation of Ground Surface (ft NAVD)	High Elevation of Ground Surface (ft NAVD)	Calculated Avg. Ground Surface Elevation (ft NAVD)	Calculated Depth to Groundwater (ft)	Calculated Uncompacted Soil Storage per SFWMD (inches)	Calculated Uncompacted Soil Storage per SFWMD (ac-ft)	Is Soil Compacted (enter Y or N)	Adjusted Soil Storage based on 75% Factor (ac-ft)	Note
Green	0.360	10.0	12.0	11.00	10.00	9.000	0.270	Y	0.203	Compacted Soil
				0.00	0.00	0.000	0.000	Y	0.000	
				0.00	0.00	0.000	0.000	y	0.000	
				0.00	0.00	0.000	0.000	Y	0.000	
				0.00	0.00	0.000	0.000	Y	0.000	
				0.00	0.00	0.000	0.000	Y	0.000	
				0.00	0.00	0.000	0.000	Y	0.000	
				0.00	0.00	0.000	0.000	Y	0.000	
				0.00	0.00	0.000	0.000	Y	0.000	
Total	0.360	<- total pervious area							0.203	<- ac-ft (Total)

Calculated Composite Soil Storage: **1.240 inches** **CN = 1000/(S+10) = 89.0**

Note: The composite soil storage calculated above is based on the total ac-ft of soil storage divided over the entire site area including pervious and impervious area. If the user desires to calculate the composite soil storage over only the pervious area, then the impervious area should be entered as zero above.



Exfiltration Trench Calculation
Reference: SFWMD Vol. IV
2750 Van Buren

9/18/2023

Case 1:

$$\text{Length} = \text{Volume} / (K(H_2 \cdot W + 2 \cdot H_2 \cdot Du - Du^2 + 2 \cdot H_2 \cdot Ds) + (1.39E-4 \cdot W \cdot Du))$$

This formula takes into consideration a safety factor of 2 and a 50% credit for retention system.

Variable Definitions:

Ds =	Saturated Depth of Trench (ft)
Du =	Unsaturated Depth (ft)
H ₂ =	Depth from Land Surface to Water Table (ft)
W =	Trench Width (ft)
Volume =	Required Wet Detention Volume (ac-in)
Length =	Calculated Trench Length (ft)
K =	Hydraulic Conductivity (ft/sec)

Note: (a) This equation (**Case 1**) is a special case. Validity criteria: (1) Ds < Du. (2) W < 2 * (Ds+Du)
(b) Minimum pipe diameter is 12 inches, minimum trench width (W) is 3 ft.

Input:

Ds =	2	ft	<u>Validity Check:</u>	
Du =	9.45	ft	(1) Ds < Du ?	Yes
H ₂ =	10.45	ft	(2) W < 2 * (Ds+Du)?	Yes
W =	4	ft	(3) W > 3 ?	Yes
Volume =	2.97	ac-in		
K =	2.00E-04	cfs/ft ² (i.e. ft/sec)		

Case 1: Calculated Trench Length = 68 ft

Case 2:

$$\text{Length} = \text{Volume} / (K(2 \cdot H_2 \cdot Du - Du^2 + 2 \cdot H_2 \cdot Ds) + (1.39E-4 \cdot W \cdot Du))$$

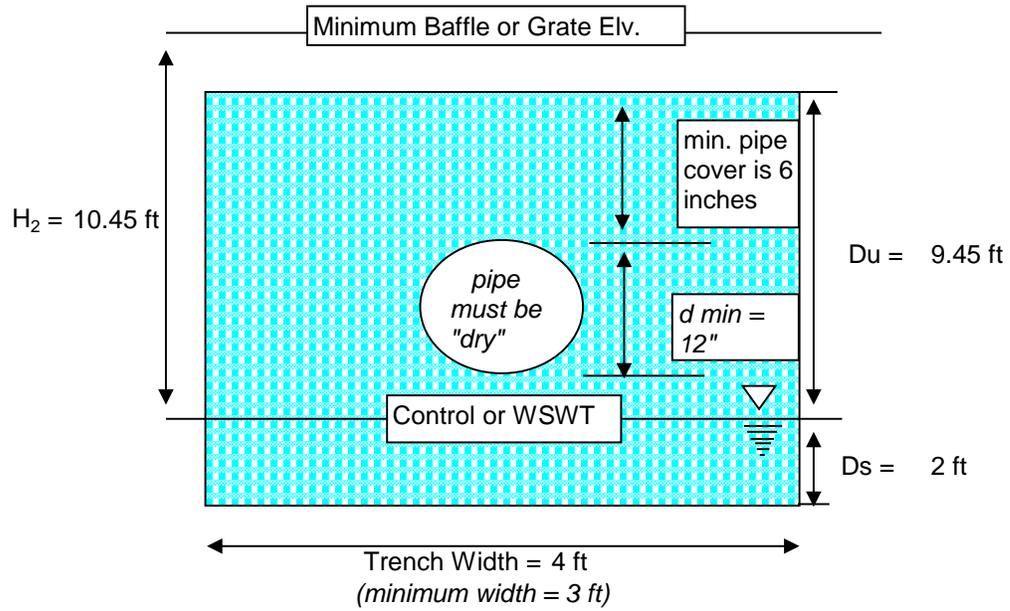
This formula takes into consideration a safety factor of 2 and a 50% credit for retention system.
This formula is valid if W > 2(Ds+Du) and Ds > Du.

Note: (a) This equation (**case 2**) is a special case. Validity criteria: (1) Ds > Du. (2) W > 2 * (Ds+Du)
(b) Minimum pipe diameter is 12 inches, minimum trench width (W) is 3 ft.

Case 2: Calculated Trench Length = 84 ft

<u>Validity Check:</u>	
(1) Ds > Du ?	criterion NOT met
(2) W > 2 * (Ds+Du)?	criterion NOT met
(3) W > 3 ?	Yes

2750 Van Buren



[Click here for Directions:](#)

Site Storage Calculation

Project Name: *2750 Van Buren*

Date: *15-Sep-23*

User: *enter*

Minimum Stage: *11.000* feet, NAVD

Incremental Stage: *0.500* feet



Area Number	1	2	3	4	5	Total Area		
Area Description	<i>Green</i>	<i>Parking</i>	<i>Exf Trench</i>					
Area (acres)	<i>0.360</i>	<i>1.540</i>					1.9 ac	
Area (ft^2)	1.57E+04	6.71E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Low Elv.	<i>11.000</i>	<i>11.450</i>						
High Elv.	<i>12.000</i>	<i>12.000</i>						
Stage (ft, NAVD)	Storage (ac-ft)	Storage (ac-ft)	Storage (ac-ft)	Storage (ac-ft)	Storage (ac-ft)	Storage (ac-ft)	Stage (ft, NAVD)	Total Storage
11.000	0.00	0.00	0.25	0.00	0.00	0.00	11.00	0.25
11.500	0.05	0.00	0.25	0.00	0.00	0.00	11.50	0.30
12.000	0.18	0.42	0.25	0.00	0.00	0.00	12.00	0.85
12.500	0.36	1.19	0.25	0.00	0.00	0.00	12.50	1.80
13.000	0.54	1.96	0.25	0.00	0.00	0.00	13.00	2.75
13.500	0.72	2.73	0.25	0.00	0.00	0.00	13.50	3.70
14.000	0.90	3.50	0.25	0.00	0.00	0.00	14.00	4.65
14.500	1.08	4.27	0.25	0.00	0.00	0.00	14.50	5.60
15.000	1.26	5.04	0.25	0.00	0.00	0.00	15.00	6.55
15.500	1.44	5.81	0.25	0.00	0.00	0.00	15.50	7.50
16.000	1.62	6.58	0.25	0.00	0.00	0.00	16.00	8.45
16.500	1.80	7.35	0.25	0.00	0.00	0.00	16.50	9.40
17.000	1.98	8.12	0.25	0.00	0.00	0.00	17.00	10.35
17.500	2.16	8.89	0.25	0.00	0.00	0.00	17.50	11.30
18.000	2.34	9.66	0.25	0.00	0.00	0.00	18.00	12.25
18.500	2.52	10.43	0.25	0.00	0.00	0.00	18.50	13.20

10Y - 24H

FLOOD ROUTING

Project Name: 2750 Van Buren

Reviewer:

Project Number:

Period Begin: Jan 01, 2000;0000 hr End: Jan 04, 2000;0000 hr Duration: 72 hr

Time Step: 0.2 hr, Iterations: 10

Basin 1: Site

Method: Generalized Unit Hydrograph
 Rainfall Distribution: SFWMD - 3day
 Design Frequency: 10 year
 1 Day Rainfall: 8 inches
 Area: 1.96 acres
 Ground Storage: 1.24 inches
 Time of Concentration: 10 hours
 Peak Rate Factor: 0
 Initial Stage: 0 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
0.00	0.00
11.00	0.25
11.50	0.30
12.00	0.85
12.50	1.80

Offsite Receiving Body: Offsitel

Time (hr)	Stage (ft NGVD)
0.00	1.00
24.00	1.00
72.00	1.00
96.00	1.00

Structure: 1

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 3.5 ft NGVD, Off Elev = 3.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00
20.00	0.97	0.03	0.00	0.00	0.74	1.00
21.00	1.02	0.03	0.00	0.00	0.87	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.28	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.01	3.53	1.00
36.00	2.02	0.09	0.28	0.02	3.54	1.00
37.00	2.09	0.09	0.00	0.02	3.57	1.00
38.00	2.16	0.09	0.00	0.03	3.50	1.00
39.00	2.23	0.10	0.28	0.04	3.54	1.00
40.00	2.30	0.10	0.00	0.05	3.60	1.00
41.00	2.38	0.10	0.00	0.06	3.55	1.00
42.00	2.45	0.10	0.00	0.06	3.52	1.00
43.00	2.52	0.10	0.00	0.07	3.49	1.00
44.00	2.59	0.11	0.28	0.08	3.57	1.00
45.00	2.66	0.11	0.28	0.09	3.56	1.00
46.00	2.73	0.11	0.28	0.10	3.55	1.00
47.00	2.80	0.11	0.28	0.11	3.54	1.00
48.00	2.87	0.11	0.28	0.12	3.55	1.00
49.00	2.95	0.12	0.28	0.13	3.55	1.00
50.00	3.03	0.12	0.28	0.14	3.57	1.00
51.00	3.13	0.12	0.00	0.15	3.51	1.00
52.00	3.23	0.13	0.00	0.16	3.56	1.00
53.00	3.37	0.14	0.28	0.17	3.54	1.00
54.00	3.54	0.16	0.00	0.18	3.57	1.00
55.00	3.74	0.18	0.00	0.19	3.57	1.00
56.00	3.97	0.20	0.28	0.21	3.54	1.00
57.00	4.24	0.23	0.28	0.23	3.51	1.00
58.00	4.58	0.27	0.28	0.25	3.61	1.00
59.00	5.02	0.32	0.28	0.27	3.66	1.00
60.00	8.12	0.87	0.28	0.29	4.33	1.00
61.00	9.01	0.95	0.28	0.32	4.95	1.00
62.00	9.42	0.93	0.28	0.34	5.04	1.00
63.00	9.67	0.89	0.28	0.36	5.01	1.00
64.00	9.91	0.85	0.28	0.39	4.94	1.00
65.00	10.06	0.80	0.28	0.41	4.90	1.00
66.00	10.20	0.75	0.28	0.43	4.67	1.00
67.00	10.34	0.70	0.28	0.46	4.57	1.00
68.00	10.49	0.66	0.28	0.48	4.53	1.00
69.00	10.58	0.62	0.28	0.50	4.53	1.00
70.00	10.68	0.58	0.28	0.52	4.47	1.00
71.00	10.78	0.54	0.28	0.55	4.48	1.00
72.00	10.87	0.51	0.28	0.57	4.35	1.00

Structure: 2

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 4 ft NGVD, Off Elev = 4 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
-----------	--------------------------	----------------------	-------------------------	--------------------------------	----------------------------	----------------------------

0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00
20.00	0.97	0.03	0.00	0.00	0.74	1.00
21.00	1.02	0.03	0.00	0.00	0.87	1.00
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.00	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.00	3.53	1.00
36.00	2.02	0.09	0.00	0.00	3.54	1.00
37.00	2.09	0.09	0.00	0.00	3.57	1.00
38.00	2.16	0.09	0.00	0.00	3.50	1.00
39.00	2.23	0.10	0.00	0.00	3.54	1.00
40.00	2.30	0.10	0.00	0.00	3.60	1.00
41.00	2.38	0.10	0.00	0.00	3.55	1.00
42.00	2.45	0.10	0.00	0.00	3.52	1.00
43.00	2.52	0.10	0.00	0.00	3.49	1.00
44.00	2.59	0.11	0.00	0.00	3.57	1.00
45.00	2.66	0.11	0.00	0.00	3.56	1.00
46.00	2.73	0.11	0.00	0.00	3.55	1.00
47.00	2.80	0.11	0.00	0.00	3.54	1.00
48.00	2.87	0.11	0.00	0.00	3.55	1.00
49.00	2.95	0.12	0.00	0.00	3.55	1.00
50.00	3.03	0.12	0.00	0.00	3.57	1.00
51.00	3.13	0.12	0.00	0.00	3.51	1.00
52.00	3.23	0.13	0.00	0.00	3.56	1.00
53.00	3.37	0.14	0.00	0.00	3.54	1.00
54.00	3.54	0.16	0.00	0.00	3.57	1.00
55.00	3.74	0.18	0.00	0.00	3.57	1.00
56.00	3.97	0.20	0.00	0.00	3.54	1.00
57.00	4.24	0.23	0.00	0.00	3.51	1.00
58.00	4.58	0.27	0.00	0.00	3.61	1.00
59.00	5.02	0.32	0.00	0.00	3.66	1.00
60.00	8.12	0.87	0.28	0.00	4.33	1.00
61.00	9.01	0.95	0.28	0.03	4.95	1.00
62.00	9.42	0.93	0.28	0.05	5.04	1.00
63.00	9.67	0.89	0.28	0.07	5.01	1.00
64.00	9.91	0.85	0.28	0.10	4.94	1.00
65.00	10.06	0.80	0.28	0.12	4.90	1.00
66.00	10.20	0.75	0.28	0.14	4.67	1.00
67.00	10.34	0.70	0.28	0.17	4.57	1.00
68.00	10.49	0.66	0.28	0.19	4.53	1.00
69.00	10.58	0.62	0.28	0.21	4.53	1.00
70.00	10.68	0.58	0.28	0.23	4.47	1.00
71.00	10.78	0.54	0.28	0.26	4.48	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
72.00	10.87	0.51	0.28	0.28	4.35	1.00

Structure: 3

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 4.5 ft NGVD, Off Elev = 4.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00
20.00	0.97	0.03	0.00	0.00	0.74	1.00
21.00	1.02	0.03	0.00	0.00	0.87	1.00
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.00	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.00	3.53	1.00
36.00	2.02	0.09	0.00	0.00	3.54	1.00
37.00	2.09	0.09	0.00	0.00	3.57	1.00
38.00	2.16	0.09	0.00	0.00	3.50	1.00
39.00	2.23	0.10	0.00	0.00	3.54	1.00
40.00	2.30	0.10	0.00	0.00	3.60	1.00
41.00	2.38	0.10	0.00	0.00	3.55	1.00
42.00	2.45	0.10	0.00	0.00	3.52	1.00
43.00	2.52	0.10	0.00	0.00	3.49	1.00
44.00	2.59	0.11	0.00	0.00	3.57	1.00
45.00	2.66	0.11	0.00	0.00	3.56	1.00
46.00	2.73	0.11	0.00	0.00	3.55	1.00
47.00	2.80	0.11	0.00	0.00	3.54	1.00
48.00	2.87	0.11	0.00	0.00	3.55	1.00
49.00	2.95	0.12	0.00	0.00	3.55	1.00
50.00	3.03	0.12	0.00	0.00	3.57	1.00
51.00	3.13	0.12	0.00	0.00	3.51	1.00
52.00	3.23	0.13	0.00	0.00	3.56	1.00
53.00	3.37	0.14	0.00	0.00	3.54	1.00
54.00	3.54	0.16	0.00	0.00	3.57	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
55.00	3.74	0.18	0.00	0.00	3.57	1.00
56.00	3.97	0.20	0.00	0.00	3.54	1.00
57.00	4.24	0.23	0.00	0.00	3.51	1.00
58.00	4.58	0.27	0.00	0.00	3.61	1.00
59.00	5.02	0.32	0.00	0.00	3.66	1.00
60.00	8.12	0.87	0.00	0.00	4.33	1.00
61.00	9.01	0.95	0.28	0.02	4.95	1.00
62.00	9.42	0.93	0.28	0.04	5.04	1.00
63.00	9.67	0.89	0.28	0.06	5.01	1.00
64.00	9.91	0.85	0.28	0.09	4.94	1.00
65.00	10.06	0.80	0.28	0.11	4.90	1.00
66.00	10.20	0.75	0.28	0.13	4.67	1.00
67.00	10.34	0.70	0.00	0.15	4.57	1.00
68.00	10.49	0.66	0.28	0.16	4.53	1.00
69.00	10.58	0.62	0.00	0.17	4.53	1.00
70.00	10.68	0.58	0.00	0.17	4.47	1.00
71.00	10.78	0.54	0.00	0.17	4.48	1.00
72.00	10.87	0.51	0.00	0.17	4.35	1.00

Structure: 4

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 5 ft NGVD, Off Elev = 5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00
20.00	0.97	0.03	0.00	0.00	0.74	1.00
21.00	1.02	0.03	0.00	0.00	0.87	1.00
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.00	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.00	3.53	1.00
36.00	2.02	0.09	0.00	0.00	3.54	1.00
37.00	2.09	0.09	0.00	0.00	3.57	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
38.00	2.16	0.09	0.00	0.00	3.50	1.00
39.00	2.23	0.10	0.00	0.00	3.54	1.00
40.00	2.30	0.10	0.00	0.00	3.60	1.00
41.00	2.38	0.10	0.00	0.00	3.55	1.00
42.00	2.45	0.10	0.00	0.00	3.52	1.00
43.00	2.52	0.10	0.00	0.00	3.49	1.00
44.00	2.59	0.11	0.00	0.00	3.57	1.00
45.00	2.66	0.11	0.00	0.00	3.56	1.00
46.00	2.73	0.11	0.00	0.00	3.55	1.00
47.00	2.80	0.11	0.00	0.00	3.54	1.00
48.00	2.87	0.11	0.00	0.00	3.55	1.00
49.00	2.95	0.12	0.00	0.00	3.55	1.00
50.00	3.03	0.12	0.00	0.00	3.57	1.00
51.00	3.13	0.12	0.00	0.00	3.51	1.00
52.00	3.23	0.13	0.00	0.00	3.56	1.00
53.00	3.37	0.14	0.00	0.00	3.54	1.00
54.00	3.54	0.16	0.00	0.00	3.57	1.00
55.00	3.74	0.18	0.00	0.00	3.57	1.00
56.00	3.97	0.20	0.00	0.00	3.54	1.00
57.00	4.24	0.23	0.00	0.00	3.51	1.00
58.00	4.58	0.27	0.00	0.00	3.61	1.00
59.00	5.02	0.32	0.00	0.00	3.66	1.00
60.00	8.12	0.87	0.00	0.00	4.33	1.00
61.00	9.01	0.95	0.00	0.00	4.95	1.00
62.00	9.42	0.93	0.28	0.01	5.04	1.00
63.00	9.67	0.89	0.00	0.01	5.01	1.00
64.00	9.91	0.85	0.00	0.02	4.94	1.00
65.00	10.06	0.80	0.00	0.02	4.90	1.00
66.00	10.20	0.75	0.00	0.02	4.67	1.00
67.00	10.34	0.70	0.00	0.02	4.57	1.00
68.00	10.49	0.66	0.00	0.02	4.53	1.00
69.00	10.58	0.62	0.00	0.02	4.53	1.00
70.00	10.68	0.58	0.00	0.02	4.47	1.00
71.00	10.78	0.54	0.00	0.02	4.48	1.00
72.00	10.87	0.51	0.00	0.02	4.35	1.00

Structure: 5

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 5.5 ft NGVD, Off Elev = 5.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00
20.00	0.97	0.03	0.00	0.00	0.74	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
21.00	1.02	0.03	0.00	0.00	0.87	1.00
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.00	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.00	3.53	1.00
36.00	2.02	0.09	0.00	0.00	3.54	1.00
37.00	2.09	0.09	0.00	0.00	3.57	1.00
38.00	2.16	0.09	0.00	0.00	3.50	1.00
39.00	2.23	0.10	0.00	0.00	3.54	1.00
40.00	2.30	0.10	0.00	0.00	3.60	1.00
41.00	2.38	0.10	0.00	0.00	3.55	1.00
42.00	2.45	0.10	0.00	0.00	3.52	1.00
43.00	2.52	0.10	0.00	0.00	3.49	1.00
44.00	2.59	0.11	0.00	0.00	3.57	1.00
45.00	2.66	0.11	0.00	0.00	3.56	1.00
46.00	2.73	0.11	0.00	0.00	3.55	1.00
47.00	2.80	0.11	0.00	0.00	3.54	1.00
48.00	2.87	0.11	0.00	0.00	3.55	1.00
49.00	2.95	0.12	0.00	0.00	3.55	1.00
50.00	3.03	0.12	0.00	0.00	3.57	1.00
51.00	3.13	0.12	0.00	0.00	3.51	1.00
52.00	3.23	0.13	0.00	0.00	3.56	1.00
53.00	3.37	0.14	0.00	0.00	3.54	1.00
54.00	3.54	0.16	0.00	0.00	3.57	1.00
55.00	3.74	0.18	0.00	0.00	3.57	1.00
56.00	3.97	0.20	0.00	0.00	3.54	1.00
57.00	4.24	0.23	0.00	0.00	3.51	1.00
58.00	4.58	0.27	0.00	0.00	3.61	1.00
59.00	5.02	0.32	0.00	0.00	3.66	1.00
60.00	8.12	0.87	0.00	0.00	4.33	1.00
61.00	9.01	0.95	0.00	0.00	4.95	1.00
62.00	9.42	0.93	0.00	0.00	5.04	1.00
63.00	9.67	0.89	0.00	0.00	5.01	1.00
64.00	9.91	0.85	0.00	0.00	4.94	1.00
65.00	10.06	0.80	0.00	0.00	4.90	1.00
66.00	10.20	0.75	0.00	0.00	4.67	1.00
67.00	10.34	0.70	0.00	0.00	4.57	1.00
68.00	10.49	0.66	0.00	0.00	4.53	1.00
69.00	10.58	0.62	0.00	0.00	4.53	1.00
70.00	10.68	0.58	0.00	0.00	4.47	1.00
71.00	10.78	0.54	0.00	0.00	4.48	1.00
72.00	10.87	0.51	0.00	0.00	4.35	1.00

Structure: 6

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 6 ft NGVD, Off Elev = 6 ft NGVD, Capacity = 125 gpm

Time	Cumulative Rainfall	Instant Runoff	Current Discharge	Cumulative Discharge	Head Water Stage	Tail Water Stage
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(hr)	(in)	(cfs)	(cfs)	(acre-ft)	(ft NGVD)	(ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00
20.00	0.97	0.03	0.00	0.00	0.74	1.00
21.00	1.02	0.03	0.00	0.00	0.87	1.00
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.00	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.00	3.53	1.00
36.00	2.02	0.09	0.00	0.00	3.54	1.00
37.00	2.09	0.09	0.00	0.00	3.57	1.00
38.00	2.16	0.09	0.00	0.00	3.50	1.00
39.00	2.23	0.10	0.00	0.00	3.54	1.00
40.00	2.30	0.10	0.00	0.00	3.60	1.00
41.00	2.38	0.10	0.00	0.00	3.55	1.00
42.00	2.45	0.10	0.00	0.00	3.52	1.00
43.00	2.52	0.10	0.00	0.00	3.49	1.00
44.00	2.59	0.11	0.00	0.00	3.57	1.00
45.00	2.66	0.11	0.00	0.00	3.56	1.00
46.00	2.73	0.11	0.00	0.00	3.55	1.00
47.00	2.80	0.11	0.00	0.00	3.54	1.00
48.00	2.87	0.11	0.00	0.00	3.55	1.00
49.00	2.95	0.12	0.00	0.00	3.55	1.00
50.00	3.03	0.12	0.00	0.00	3.57	1.00
51.00	3.13	0.12	0.00	0.00	3.51	1.00
52.00	3.23	0.13	0.00	0.00	3.56	1.00
53.00	3.37	0.14	0.00	0.00	3.54	1.00
54.00	3.54	0.16	0.00	0.00	3.57	1.00
55.00	3.74	0.18	0.00	0.00	3.57	1.00
56.00	3.97	0.20	0.00	0.00	3.54	1.00
57.00	4.24	0.23	0.00	0.00	3.51	1.00
58.00	4.58	0.27	0.00	0.00	3.61	1.00
59.00	5.02	0.32	0.00	0.00	3.66	1.00
60.00	8.12	0.87	0.00	0.00	4.33	1.00
61.00	9.01	0.95	0.00	0.00	4.95	1.00
62.00	9.42	0.93	0.00	0.00	5.04	1.00
63.00	9.67	0.89	0.00	0.00	5.01	1.00
64.00	9.91	0.85	0.00	0.00	4.94	1.00
65.00	10.06	0.80	0.00	0.00	4.90	1.00
66.00	10.20	0.75	0.00	0.00	4.67	1.00
67.00	10.34	0.70	0.00	0.00	4.57	1.00
68.00	10.49	0.66	0.00	0.00	4.53	1.00
69.00	10.58	0.62	0.00	0.00	4.53	1.00
70.00	10.68	0.58	0.00	0.00	4.47	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
71.00	10.78	0.54	0.00	0.00	4.48	1.00
72.00	10.87	0.51	0.00	0.00	4.35	1.00

Structure: 7

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 6.5 ft NGVD, Off Elev = 6.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00
20.00	0.97	0.03	0.00	0.00	0.74	1.00
21.00	1.02	0.03	0.00	0.00	0.87	1.00
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.00	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.00	3.53	1.00
36.00	2.02	0.09	0.00	0.00	3.54	1.00
37.00	2.09	0.09	0.00	0.00	3.57	1.00
38.00	2.16	0.09	0.00	0.00	3.50	1.00
39.00	2.23	0.10	0.00	0.00	3.54	1.00
40.00	2.30	0.10	0.00	0.00	3.60	1.00
41.00	2.38	0.10	0.00	0.00	3.55	1.00
42.00	2.45	0.10	0.00	0.00	3.52	1.00
43.00	2.52	0.10	0.00	0.00	3.49	1.00
44.00	2.59	0.11	0.00	0.00	3.57	1.00
45.00	2.66	0.11	0.00	0.00	3.56	1.00
46.00	2.73	0.11	0.00	0.00	3.55	1.00
47.00	2.80	0.11	0.00	0.00	3.54	1.00
48.00	2.87	0.11	0.00	0.00	3.55	1.00
49.00	2.95	0.12	0.00	0.00	3.55	1.00
50.00	3.03	0.12	0.00	0.00	3.57	1.00
51.00	3.13	0.12	0.00	0.00	3.51	1.00
52.00	3.23	0.13	0.00	0.00	3.56	1.00
53.00	3.37	0.14	0.00	0.00	3.54	1.00

25Y - 72H

FLOOD ROUTING

Project Name: 2750 Van Buren

Reviewer:

Project Number:

Period Begin: Jan 01, 2000;0000 hr End: Jan 04, 2000;0000 hr Duration: 72 hr

Time Step: 0.2 hr, Iterations: 10

Basin 1: Site

Method: Generalized Unit Hydrograph
 Rainfall Distribution: SFWMD - 3day
 Design Frequency: 25 year
 3 Day Rainfall: 13 inches
 Area: 1.96 acres
 Ground Storage: 1.24 inches
 Time of Concentration: 10 hours
 Peak Rate Factor: 0
 Initial Stage: 0 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
0.00	0.00
11.00	0.25
11.50	0.30
12.00	0.85
12.50	1.80

Offsite Receiving Body: Offsitel

Time (hr)	Stage (ft NGVD)
0.00	1.00
24.00	1.00
72.00	1.00
96.00	1.00

Structure: 1

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 3.5 ft NGVD, Off Elev = 3.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00
20.00	1.16	0.05	0.00	0.00	1.14	1.00
21.00	1.22	0.05	0.00	0.00	1.31	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.28	0.01	3.55	1.00
32.00	2.08	0.10	0.28	0.02	3.50	1.00
33.00	2.16	0.10	0.00	0.02	3.57	1.00
34.00	2.25	0.11	0.00	0.03	3.54	1.00
35.00	2.33	0.11	0.00	0.04	3.53	1.00
36.00	2.42	0.11	0.00	0.05	3.54	1.00
37.00	2.50	0.12	0.00	0.06	3.55	1.00
38.00	2.59	0.12	0.00	0.07	3.58	1.00
39.00	2.67	0.12	0.28	0.08	3.51	1.00
40.00	2.75	0.12	0.28	0.09	3.56	1.00
41.00	2.84	0.13	0.00	0.10	3.51	1.00
42.00	2.92	0.13	0.00	0.11	3.57	1.00
43.00	3.01	0.13	0.28	0.12	3.54	1.00
44.00	3.09	0.13	0.00	0.13	3.51	1.00
45.00	3.18	0.14	0.00	0.14	3.60	1.00
46.00	3.26	0.14	0.28	0.16	3.59	1.00
47.00	3.35	0.14	0.00	0.17	3.58	1.00
48.00	3.43	0.14	0.28	0.18	3.58	1.00
49.00	3.53	0.14	0.00	0.19	3.59	1.00
50.00	3.63	0.15	0.00	0.20	3.51	1.00
51.00	3.74	0.15	0.28	0.22	3.55	1.00
52.00	3.86	0.16	0.28	0.23	3.51	1.00
53.00	4.03	0.17	0.28	0.24	3.50	1.00
54.00	4.23	0.19	0.28	0.26	3.56	1.00
55.00	4.47	0.22	0.00	0.27	3.60	1.00
56.00	4.74	0.25	0.28	0.29	3.52	1.00
57.00	5.07	0.28	0.28	0.31	3.67	1.00
58.00	5.47	0.33	0.28	0.34	3.76	1.00
59.00	6.01	0.39	0.28	0.36	4.04	1.00
60.00	9.71	1.05	0.28	0.38	4.50	1.00
61.00	10.77	1.15	0.28	0.41	5.11	1.00
62.00	11.26	1.13	0.28	0.43	5.20	1.00
63.00	11.57	1.08	0.28	0.45	5.15	1.00
64.00	11.85	1.03	0.28	0.47	5.13	1.00
65.00	12.02	0.96	0.28	0.50	5.00	1.00
66.00	12.20	0.90	0.28	0.52	5.05	1.00
67.00	12.37	0.85	0.28	0.54	5.09	1.00
68.00	12.54	0.80	0.28	0.57	5.05	1.00
69.00	12.66	0.75	0.28	0.59	4.82	1.00
70.00	12.77	0.70	0.28	0.61	4.60	1.00
71.00	12.89	0.65	0.28	0.64	4.51	1.00
72.00	13.00	0.61	0.28	0.66	4.58	1.00

Structure: 2

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 4 ft NGVD, Off Elev = 4 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
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0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00
20.00	1.16	0.05	0.00	0.00	1.14	1.00
21.00	1.22	0.05	0.00	0.00	1.31	1.00
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.00	0.00	3.55	1.00
32.00	2.08	0.10	0.00	0.00	3.50	1.00
33.00	2.16	0.10	0.00	0.00	3.57	1.00
34.00	2.25	0.11	0.00	0.00	3.54	1.00
35.00	2.33	0.11	0.00	0.00	3.53	1.00
36.00	2.42	0.11	0.00	0.00	3.54	1.00
37.00	2.50	0.12	0.00	0.00	3.55	1.00
38.00	2.59	0.12	0.00	0.00	3.58	1.00
39.00	2.67	0.12	0.00	0.00	3.51	1.00
40.00	2.75	0.12	0.00	0.00	3.56	1.00
41.00	2.84	0.13	0.00	0.00	3.51	1.00
42.00	2.92	0.13	0.00	0.00	3.57	1.00
43.00	3.01	0.13	0.00	0.00	3.54	1.00
44.00	3.09	0.13	0.00	0.00	3.51	1.00
45.00	3.18	0.14	0.00	0.00	3.60	1.00
46.00	3.26	0.14	0.00	0.00	3.59	1.00
47.00	3.35	0.14	0.00	0.00	3.58	1.00
48.00	3.43	0.14	0.00	0.00	3.58	1.00
49.00	3.53	0.14	0.00	0.00	3.59	1.00
50.00	3.63	0.15	0.00	0.00	3.51	1.00
51.00	3.74	0.15	0.00	0.00	3.55	1.00
52.00	3.86	0.16	0.00	0.00	3.51	1.00
53.00	4.03	0.17	0.00	0.00	3.50	1.00
54.00	4.23	0.19	0.00	0.00	3.56	1.00
55.00	4.47	0.22	0.00	0.00	3.60	1.00
56.00	4.74	0.25	0.00	0.00	3.52	1.00
57.00	5.07	0.28	0.00	0.00	3.67	1.00
58.00	5.47	0.33	0.00	0.00	3.76	1.00
59.00	6.01	0.39	0.00	0.00	4.04	1.00
60.00	9.71	1.05	0.28	0.02	4.50	1.00
61.00	10.77	1.15	0.28	0.04	5.11	1.00
62.00	11.26	1.13	0.28	0.06	5.20	1.00
63.00	11.57	1.08	0.28	0.09	5.15	1.00
64.00	11.85	1.03	0.28	0.11	5.13	1.00
65.00	12.02	0.96	0.28	0.13	5.00	1.00
66.00	12.20	0.90	0.28	0.16	5.05	1.00
67.00	12.37	0.85	0.28	0.18	5.09	1.00
68.00	12.54	0.80	0.28	0.20	5.05	1.00
69.00	12.66	0.75	0.28	0.23	4.82	1.00
70.00	12.77	0.70	0.28	0.25	4.60	1.00
71.00	12.89	0.65	0.28	0.27	4.51	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
72.00	13.00	0.61	0.28	0.29	4.58	1.00

Structure: 3

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 4.5 ft NGVD, Off Elev = 4.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00
20.00	1.16	0.05	0.00	0.00	1.14	1.00
21.00	1.22	0.05	0.00	0.00	1.31	1.00
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.00	0.00	3.55	1.00
32.00	2.08	0.10	0.00	0.00	3.50	1.00
33.00	2.16	0.10	0.00	0.00	3.57	1.00
34.00	2.25	0.11	0.00	0.00	3.54	1.00
35.00	2.33	0.11	0.00	0.00	3.53	1.00
36.00	2.42	0.11	0.00	0.00	3.54	1.00
37.00	2.50	0.12	0.00	0.00	3.55	1.00
38.00	2.59	0.12	0.00	0.00	3.58	1.00
39.00	2.67	0.12	0.00	0.00	3.51	1.00
40.00	2.75	0.12	0.00	0.00	3.56	1.00
41.00	2.84	0.13	0.00	0.00	3.51	1.00
42.00	2.92	0.13	0.00	0.00	3.57	1.00
43.00	3.01	0.13	0.00	0.00	3.54	1.00
44.00	3.09	0.13	0.00	0.00	3.51	1.00
45.00	3.18	0.14	0.00	0.00	3.60	1.00
46.00	3.26	0.14	0.00	0.00	3.59	1.00
47.00	3.35	0.14	0.00	0.00	3.58	1.00
48.00	3.43	0.14	0.00	0.00	3.58	1.00
49.00	3.53	0.14	0.00	0.00	3.59	1.00
50.00	3.63	0.15	0.00	0.00	3.51	1.00
51.00	3.74	0.15	0.00	0.00	3.55	1.00
52.00	3.86	0.16	0.00	0.00	3.51	1.00
53.00	4.03	0.17	0.00	0.00	3.50	1.00
54.00	4.23	0.19	0.00	0.00	3.56	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
55.00	4.47	0.22	0.00	0.00	3.60	1.00
56.00	4.74	0.25	0.00	0.00	3.52	1.00
57.00	5.07	0.28	0.00	0.00	3.67	1.00
58.00	5.47	0.33	0.00	0.00	3.76	1.00
59.00	6.01	0.39	0.00	0.00	4.04	1.00
60.00	9.71	1.05	0.00	0.00	4.50	1.00
61.00	10.77	1.15	0.28	0.02	5.11	1.00
62.00	11.26	1.13	0.28	0.05	5.20	1.00
63.00	11.57	1.08	0.28	0.07	5.15	1.00
64.00	11.85	1.03	0.28	0.09	5.13	1.00
65.00	12.02	0.96	0.28	0.12	5.00	1.00
66.00	12.20	0.90	0.28	0.14	5.05	1.00
67.00	12.37	0.85	0.28	0.16	5.09	1.00
68.00	12.54	0.80	0.28	0.18	5.05	1.00
69.00	12.66	0.75	0.28	0.21	4.82	1.00
70.00	12.77	0.70	0.28	0.23	4.60	1.00
71.00	12.89	0.65	0.00	0.23	4.51	1.00
72.00	13.00	0.61	0.00	0.24	4.58	1.00

Structure: 4

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 5 ft NGVD, Off Elev = 5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00
20.00	1.16	0.05	0.00	0.00	1.14	1.00
21.00	1.22	0.05	0.00	0.00	1.31	1.00
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.00	0.00	3.55	1.00
32.00	2.08	0.10	0.00	0.00	3.50	1.00
33.00	2.16	0.10	0.00	0.00	3.57	1.00
34.00	2.25	0.11	0.00	0.00	3.54	1.00
35.00	2.33	0.11	0.00	0.00	3.53	1.00
36.00	2.42	0.11	0.00	0.00	3.54	1.00
37.00	2.50	0.12	0.00	0.00	3.55	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
38.00	2.59	0.12	0.00	0.00	3.58	1.00
39.00	2.67	0.12	0.00	0.00	3.51	1.00
40.00	2.75	0.12	0.00	0.00	3.56	1.00
41.00	2.84	0.13	0.00	0.00	3.51	1.00
42.00	2.92	0.13	0.00	0.00	3.57	1.00
43.00	3.01	0.13	0.00	0.00	3.54	1.00
44.00	3.09	0.13	0.00	0.00	3.51	1.00
45.00	3.18	0.14	0.00	0.00	3.60	1.00
46.00	3.26	0.14	0.00	0.00	3.59	1.00
47.00	3.35	0.14	0.00	0.00	3.58	1.00
48.00	3.43	0.14	0.00	0.00	3.58	1.00
49.00	3.53	0.14	0.00	0.00	3.59	1.00
50.00	3.63	0.15	0.00	0.00	3.51	1.00
51.00	3.74	0.15	0.00	0.00	3.55	1.00
52.00	3.86	0.16	0.00	0.00	3.51	1.00
53.00	4.03	0.17	0.00	0.00	3.50	1.00
54.00	4.23	0.19	0.00	0.00	3.56	1.00
55.00	4.47	0.22	0.00	0.00	3.60	1.00
56.00	4.74	0.25	0.00	0.00	3.52	1.00
57.00	5.07	0.28	0.00	0.00	3.67	1.00
58.00	5.47	0.33	0.00	0.00	3.76	1.00
59.00	6.01	0.39	0.00	0.00	4.04	1.00
60.00	9.71	1.05	0.00	0.00	4.50	1.00
61.00	10.77	1.15	0.28	0.01	5.11	1.00
62.00	11.26	1.13	0.28	0.04	5.20	1.00
63.00	11.57	1.08	0.28	0.06	5.15	1.00
64.00	11.85	1.03	0.28	0.08	5.13	1.00
65.00	12.02	0.96	0.00	0.09	5.00	1.00
66.00	12.20	0.90	0.28	0.10	5.05	1.00
67.00	12.37	0.85	0.00	0.10	5.09	1.00
68.00	12.54	0.80	0.00	0.10	5.05	1.00
69.00	12.66	0.75	0.00	0.10	4.82	1.00
70.00	12.77	0.70	0.00	0.10	4.60	1.00
71.00	12.89	0.65	0.00	0.10	4.51	1.00
72.00	13.00	0.61	0.00	0.10	4.58	1.00

Structure: 5

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 5.5 ft NGVD, Off Elev = 5.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00
20.00	1.16	0.05	0.00	0.00	1.14	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
21.00	1.22	0.05	0.00	0.00	1.31	1.00
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.00	0.00	3.55	1.00
32.00	2.08	0.10	0.00	0.00	3.50	1.00
33.00	2.16	0.10	0.00	0.00	3.57	1.00
34.00	2.25	0.11	0.00	0.00	3.54	1.00
35.00	2.33	0.11	0.00	0.00	3.53	1.00
36.00	2.42	0.11	0.00	0.00	3.54	1.00
37.00	2.50	0.12	0.00	0.00	3.55	1.00
38.00	2.59	0.12	0.00	0.00	3.58	1.00
39.00	2.67	0.12	0.00	0.00	3.51	1.00
40.00	2.75	0.12	0.00	0.00	3.56	1.00
41.00	2.84	0.13	0.00	0.00	3.51	1.00
42.00	2.92	0.13	0.00	0.00	3.57	1.00
43.00	3.01	0.13	0.00	0.00	3.54	1.00
44.00	3.09	0.13	0.00	0.00	3.51	1.00
45.00	3.18	0.14	0.00	0.00	3.60	1.00
46.00	3.26	0.14	0.00	0.00	3.59	1.00
47.00	3.35	0.14	0.00	0.00	3.58	1.00
48.00	3.43	0.14	0.00	0.00	3.58	1.00
49.00	3.53	0.14	0.00	0.00	3.59	1.00
50.00	3.63	0.15	0.00	0.00	3.51	1.00
51.00	3.74	0.15	0.00	0.00	3.55	1.00
52.00	3.86	0.16	0.00	0.00	3.51	1.00
53.00	4.03	0.17	0.00	0.00	3.50	1.00
54.00	4.23	0.19	0.00	0.00	3.56	1.00
55.00	4.47	0.22	0.00	0.00	3.60	1.00
56.00	4.74	0.25	0.00	0.00	3.52	1.00
57.00	5.07	0.28	0.00	0.00	3.67	1.00
58.00	5.47	0.33	0.00	0.00	3.76	1.00
59.00	6.01	0.39	0.00	0.00	4.04	1.00
60.00	9.71	1.05	0.00	0.00	4.50	1.00
61.00	10.77	1.15	0.00	0.00	5.11	1.00
62.00	11.26	1.13	0.00	0.00	5.20	1.00
63.00	11.57	1.08	0.00	0.00	5.15	1.00
64.00	11.85	1.03	0.00	0.00	5.13	1.00
65.00	12.02	0.96	0.00	0.00	5.00	1.00
66.00	12.20	0.90	0.00	0.00	5.05	1.00
67.00	12.37	0.85	0.00	0.00	5.09	1.00
68.00	12.54	0.80	0.00	0.00	5.05	1.00
69.00	12.66	0.75	0.00	0.00	4.82	1.00
70.00	12.77	0.70	0.00	0.00	4.60	1.00
71.00	12.89	0.65	0.00	0.00	4.51	1.00
72.00	13.00	0.61	0.00	0.00	4.58	1.00

Structure: 6

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 6 ft NGVD, Off Elev = 6 ft NGVD, Capacity = 125 gpm

Time	Cumulative Rainfall	Instant Runoff	Current Discharge	Cumulative Discharge	Head Water Stage	Tail Water Stage
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(hr)	(in)	(cfs)	(cfs)	(acre-ft)	(ft NGVD)	(ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00
20.00	1.16	0.05	0.00	0.00	1.14	1.00
21.00	1.22	0.05	0.00	0.00	1.31	1.00
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.00	0.00	3.55	1.00
32.00	2.08	0.10	0.00	0.00	3.50	1.00
33.00	2.16	0.10	0.00	0.00	3.57	1.00
34.00	2.25	0.11	0.00	0.00	3.54	1.00
35.00	2.33	0.11	0.00	0.00	3.53	1.00
36.00	2.42	0.11	0.00	0.00	3.54	1.00
37.00	2.50	0.12	0.00	0.00	3.55	1.00
38.00	2.59	0.12	0.00	0.00	3.58	1.00
39.00	2.67	0.12	0.00	0.00	3.51	1.00
40.00	2.75	0.12	0.00	0.00	3.56	1.00
41.00	2.84	0.13	0.00	0.00	3.51	1.00
42.00	2.92	0.13	0.00	0.00	3.57	1.00
43.00	3.01	0.13	0.00	0.00	3.54	1.00
44.00	3.09	0.13	0.00	0.00	3.51	1.00
45.00	3.18	0.14	0.00	0.00	3.60	1.00
46.00	3.26	0.14	0.00	0.00	3.59	1.00
47.00	3.35	0.14	0.00	0.00	3.58	1.00
48.00	3.43	0.14	0.00	0.00	3.58	1.00
49.00	3.53	0.14	0.00	0.00	3.59	1.00
50.00	3.63	0.15	0.00	0.00	3.51	1.00
51.00	3.74	0.15	0.00	0.00	3.55	1.00
52.00	3.86	0.16	0.00	0.00	3.51	1.00
53.00	4.03	0.17	0.00	0.00	3.50	1.00
54.00	4.23	0.19	0.00	0.00	3.56	1.00
55.00	4.47	0.22	0.00	0.00	3.60	1.00
56.00	4.74	0.25	0.00	0.00	3.52	1.00
57.00	5.07	0.28	0.00	0.00	3.67	1.00
58.00	5.47	0.33	0.00	0.00	3.76	1.00
59.00	6.01	0.39	0.00	0.00	4.04	1.00
60.00	9.71	1.05	0.00	0.00	4.50	1.00
61.00	10.77	1.15	0.00	0.00	5.11	1.00
62.00	11.26	1.13	0.00	0.00	5.20	1.00
63.00	11.57	1.08	0.00	0.00	5.15	1.00
64.00	11.85	1.03	0.00	0.00	5.13	1.00
65.00	12.02	0.96	0.00	0.00	5.00	1.00
66.00	12.20	0.90	0.00	0.00	5.05	1.00
67.00	12.37	0.85	0.00	0.00	5.09	1.00
68.00	12.54	0.80	0.00	0.00	5.05	1.00
69.00	12.66	0.75	0.00	0.00	4.82	1.00
70.00	12.77	0.70	0.00	0.00	4.60	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
71.00	12.89	0.65	0.00	0.00	4.51	1.00
72.00	13.00	0.61	0.00	0.00	4.58	1.00

Structure: 7

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 6.5 ft NGVD, Off Elev = 6.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00
20.00	1.16	0.05	0.00	0.00	1.14	1.00
21.00	1.22	0.05	0.00	0.00	1.31	1.00
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.00	0.00	3.55	1.00
32.00	2.08	0.10	0.00	0.00	3.50	1.00
33.00	2.16	0.10	0.00	0.00	3.57	1.00
34.00	2.25	0.11	0.00	0.00	3.54	1.00
35.00	2.33	0.11	0.00	0.00	3.53	1.00
36.00	2.42	0.11	0.00	0.00	3.54	1.00
37.00	2.50	0.12	0.00	0.00	3.55	1.00
38.00	2.59	0.12	0.00	0.00	3.58	1.00
39.00	2.67	0.12	0.00	0.00	3.51	1.00
40.00	2.75	0.12	0.00	0.00	3.56	1.00
41.00	2.84	0.13	0.00	0.00	3.51	1.00
42.00	2.92	0.13	0.00	0.00	3.57	1.00
43.00	3.01	0.13	0.00	0.00	3.54	1.00
44.00	3.09	0.13	0.00	0.00	3.51	1.00
45.00	3.18	0.14	0.00	0.00	3.60	1.00
46.00	3.26	0.14	0.00	0.00	3.59	1.00
47.00	3.35	0.14	0.00	0.00	3.58	1.00
48.00	3.43	0.14	0.00	0.00	3.58	1.00
49.00	3.53	0.14	0.00	0.00	3.59	1.00
50.00	3.63	0.15	0.00	0.00	3.51	1.00
51.00	3.74	0.15	0.00	0.00	3.55	1.00
52.00	3.86	0.16	0.00	0.00	3.51	1.00
53.00	4.03	0.17	0.00	0.00	3.50	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
54.00	4.23	0.19	0.00	0.00	3.56	1.00
55.00	4.47	0.22	0.00	0.00	3.60	1.00
56.00	4.74	0.25	0.00	0.00	3.52	1.00
57.00	5.07	0.28	0.00	0.00	3.67	1.00
58.00	5.47	0.33	0.00	0.00	3.76	1.00
59.00	6.01	0.39	0.00	0.00	4.04	1.00
60.00	9.71	1.05	0.00	0.00	4.50	1.00
61.00	10.77	1.15	0.00	0.00	5.11	1.00
62.00	11.26	1.13	0.00	0.00	5.20	1.00
63.00	11.57	1.08	0.00	0.00	5.15	1.00
64.00	11.85	1.03	0.00	0.00	5.13	1.00
65.00	12.02	0.96	0.00	0.00	5.00	1.00
66.00	12.20	0.90	0.00	0.00	5.05	1.00
67.00	12.37	0.85	0.00	0.00	5.09	1.00
68.00	12.54	0.80	0.00	0.00	5.05	1.00
69.00	12.66	0.75	0.00	0.00	4.82	1.00
70.00	12.77	0.70	0.00	0.00	4.60	1.00
71.00	12.89	0.65	0.00	0.00	4.51	1.00
72.00	13.00	0.61	0.00	0.00	4.58	1.00

Structure: 8

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 7 ft NGVD, Off Elev = 7 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00
20.00	1.16	0.05	0.00	0.00	1.14	1.00
21.00	1.22	0.05	0.00	0.00	1.31	1.00
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.00	0.00	3.55	1.00
32.00	2.08	0.10	0.00	0.00	3.50	1.00
33.00	2.16	0.10	0.00	0.00	3.57	1.00
34.00	2.25	0.11	0.00	0.00	3.54	1.00
35.00	2.33	0.11	0.00	0.00	3.53	1.00
36.00	2.42	0.11	0.00	0.00	3.54	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
37.00	2.50	0.12	0.00	0.00	3.55	1.00
38.00	2.59	0.12	0.00	0.00	3.58	1.00
39.00	2.67	0.12	0.00	0.00	3.51	1.00
40.00	2.75	0.12	0.00	0.00	3.56	1.00
41.00	2.84	0.13	0.00	0.00	3.51	1.00
42.00	2.92	0.13	0.00	0.00	3.57	1.00
43.00	3.01	0.13	0.00	0.00	3.54	1.00
44.00	3.09	0.13	0.00	0.00	3.51	1.00
45.00	3.18	0.14	0.00	0.00	3.60	1.00
46.00	3.26	0.14	0.00	0.00	3.59	1.00
47.00	3.35	0.14	0.00	0.00	3.58	1.00
48.00	3.43	0.14	0.00	0.00	3.58	1.00
49.00	3.53	0.14	0.00	0.00	3.59	1.00
50.00	3.63	0.15	0.00	0.00	3.51	1.00
51.00	3.74	0.15	0.00	0.00	3.55	1.00
52.00	3.86	0.16	0.00	0.00	3.51	1.00
53.00	4.03	0.17	0.00	0.00	3.50	1.00
54.00	4.23	0.19	0.00	0.00	3.56	1.00
55.00	4.47	0.22	0.00	0.00	3.60	1.00
56.00	4.74	0.25	0.00	0.00	3.52	1.00
57.00	5.07	0.28	0.00	0.00	3.67	1.00
58.00	5.47	0.33	0.00	0.00	3.76	1.00
59.00	6.01	0.39	0.00	0.00	4.04	1.00
60.00	9.71	1.05	0.00	0.00	4.50	1.00
61.00	10.77	1.15	0.00	0.00	5.11	1.00
62.00	11.26	1.13	0.00	0.00	5.20	1.00
63.00	11.57	1.08	0.00	0.00	5.15	1.00
64.00	11.85	1.03	0.00	0.00	5.13	1.00
65.00	12.02	0.96	0.00	0.00	5.00	1.00
66.00	12.20	0.90	0.00	0.00	5.05	1.00
67.00	12.37	0.85	0.00	0.00	5.09	1.00
68.00	12.54	0.80	0.00	0.00	5.05	1.00
69.00	12.66	0.75	0.00	0.00	4.82	1.00
70.00	12.77	0.70	0.00	0.00	4.60	1.00
71.00	12.89	0.65	0.00	0.00	4.51	1.00
72.00	13.00	0.61	0.00	0.00	4.58	1.00

Structure: 9

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 7.5 ft NGVD, Off Elev = 7.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
20.00	1.16	0.05	0.00	0.00	1.14	1.00
21.00	1.22	0.05	0.00	0.00	1.31	1.00
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.00	0.00	3.55	1.00
32.00	2.08	0.10	0.00	0.00	3.50	1.00
33.00	2.16	0.10	0.00	0.00	3.57	1.00
34.00	2.25	0.11	0.00	0.00	3.54	1.00
35.00	2.33	0.11	0.00	0.00	3.53	1.00
36.00	2.42	0.11	0.00	0.00	3.54	1.00
37.00	2.50	0.12	0.00	0.00	3.55	1.00
38.00	2.59	0.12	0.00	0.00	3.58	1.00
39.00	2.67	0.12	0.00	0.00	3.51	1.00
40.00	2.75	0.12	0.00	0.00	3.56	1.00
41.00	2.84	0.13	0.00	0.00	3.51	1.00
42.00	2.92	0.13	0.00	0.00	3.57	1.00
43.00	3.01	0.13	0.00	0.00	3.54	1.00
44.00	3.09	0.13	0.00	0.00	3.51	1.00
45.00	3.18	0.14	0.00	0.00	3.60	1.00
46.00	3.26	0.14	0.00	0.00	3.59	1.00
47.00	3.35	0.14	0.00	0.00	3.58	1.00
48.00	3.43	0.14	0.00	0.00	3.58	1.00
49.00	3.53	0.14	0.00	0.00	3.59	1.00
50.00	3.63	0.15	0.00	0.00	3.51	1.00
51.00	3.74	0.15	0.00	0.00	3.55	1.00
52.00	3.86	0.16	0.00	0.00	3.51	1.00
53.00	4.03	0.17	0.00	0.00	3.50	1.00
54.00	4.23	0.19	0.00	0.00	3.56	1.00
55.00	4.47	0.22	0.00	0.00	3.60	1.00
56.00	4.74	0.25	0.00	0.00	3.52	1.00
57.00	5.07	0.28	0.00	0.00	3.67	1.00
58.00	5.47	0.33	0.00	0.00	3.76	1.00
59.00	6.01	0.39	0.00	0.00	4.04	1.00
60.00	9.71	1.05	0.00	0.00	4.50	1.00
61.00	10.77	1.15	0.00	0.00	5.11	1.00
62.00	11.26	1.13	0.00	0.00	5.20	1.00
63.00	11.57	1.08	0.00	0.00	5.15	1.00
64.00	11.85	1.03	0.00	0.00	5.13	1.00
65.00	12.02	0.96	0.00	0.00	5.00	1.00
66.00	12.20	0.90	0.00	0.00	5.05	1.00
67.00	12.37	0.85	0.00	0.00	5.09	1.00
68.00	12.54	0.80	0.00	0.00	5.05	1.00
69.00	12.66	0.75	0.00	0.00	4.82	1.00
70.00	12.77	0.70	0.00	0.00	4.60	1.00
71.00	12.89	0.65	0.00	0.00	4.51	1.00
72.00	13.00	0.61	0.00	0.00	4.58	1.00

Structure: 10

From Basin: Site
 To Basin: Offsitel
 Structure Type: Pump
 On Elev = 8 ft NGVD, Off Elev = 8 ft NGVD, Capacity = 125 gpm

Cumulative Instant Current Cumulative Head Water Tail Water

Time (hr)	Rainfall (in)	Runoff (cfs)	Discharge (cfs)	Discharge (acre-ft)	Stage (ft NGVD)	Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00
20.00	1.16	0.05	0.00	0.00	1.14	1.00
21.00	1.22	0.05	0.00	0.00	1.31	1.00
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.00	0.00	3.55	1.00
32.00	2.08	0.10	0.00	0.00	3.50	1.00
33.00	2.16	0.10	0.00	0.00	3.57	1.00
34.00	2.25	0.11	0.00	0.00	3.54	1.00
35.00	2.33	0.11	0.00	0.00	3.53	1.00
36.00	2.42	0.11	0.00	0.00	3.54	1.00
37.00	2.50	0.12	0.00	0.00	3.55	1.00
38.00	2.59	0.12	0.00	0.00	3.58	1.00
39.00	2.67	0.12	0.00	0.00	3.51	1.00
40.00	2.75	0.12	0.00	0.00	3.56	1.00
41.00	2.84	0.13	0.00	0.00	3.51	1.00
42.00	2.92	0.13	0.00	0.00	3.57	1.00
43.00	3.01	0.13	0.00	0.00	3.54	1.00
44.00	3.09	0.13	0.00	0.00	3.51	1.00
45.00	3.18	0.14	0.00	0.00	3.60	1.00
46.00	3.26	0.14	0.00	0.00	3.59	1.00
47.00	3.35	0.14	0.00	0.00	3.58	1.00
48.00	3.43	0.14	0.00	0.00	3.58	1.00
49.00	3.53	0.14	0.00	0.00	3.59	1.00
50.00	3.63	0.15	0.00	0.00	3.51	1.00
51.00	3.74	0.15	0.00	0.00	3.55	1.00
52.00	3.86	0.16	0.00	0.00	3.51	1.00
53.00	4.03	0.17	0.00	0.00	3.50	1.00
54.00	4.23	0.19	0.00	0.00	3.56	1.00
55.00	4.47	0.22	0.00	0.00	3.60	1.00
56.00	4.74	0.25	0.00	0.00	3.52	1.00
57.00	5.07	0.28	0.00	0.00	3.67	1.00
58.00	5.47	0.33	0.00	0.00	3.76	1.00
59.00	6.01	0.39	0.00	0.00	4.04	1.00
60.00	9.71	1.05	0.00	0.00	4.50	1.00
61.00	10.77	1.15	0.00	0.00	5.11	1.00
62.00	11.26	1.13	0.00	0.00	5.20	1.00
63.00	11.57	1.08	0.00	0.00	5.15	1.00
64.00	11.85	1.03	0.00	0.00	5.13	1.00
65.00	12.02	0.96	0.00	0.00	5.00	1.00
66.00	12.20	0.90	0.00	0.00	5.05	1.00
67.00	12.37	0.85	0.00	0.00	5.09	1.00
68.00	12.54	0.80	0.00	0.00	5.05	1.00
69.00	12.66	0.75	0.00	0.00	4.82	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
70.00	12.77	0.70	0.00	0.00	4.60	1.00
71.00	12.89	0.65	0.00	0.00	4.51	1.00
72.00	13.00	0.61	0.00	0.00	4.58	1.00

Structure: 11

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 8.5 ft NGVD, Off Elev = 8.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.06	0.00	0.00	0.00	0.00	1.00
2.00	0.12	0.00	0.00	0.00	0.00	1.00
3.00	0.17	0.00	0.00	0.00	0.00	1.00
4.00	0.23	0.00	0.00	0.00	0.00	1.00
5.00	0.29	0.00	0.00	0.00	0.00	1.00
6.00	0.35	0.00	0.00	0.00	0.00	1.00
7.00	0.41	0.00	0.00	0.00	0.01	1.00
8.00	0.47	0.01	0.00	0.00	0.03	1.00
9.00	0.52	0.01	0.00	0.00	0.05	1.00
10.00	0.58	0.01	0.00	0.00	0.09	1.00
11.00	0.64	0.01	0.00	0.00	0.14	1.00
12.00	0.70	0.02	0.00	0.00	0.20	1.00
13.00	0.76	0.02	0.00	0.00	0.27	1.00
14.00	0.81	0.03	0.00	0.00	0.36	1.00
15.00	0.87	0.03	0.00	0.00	0.45	1.00
16.00	0.93	0.03	0.00	0.00	0.57	1.00
17.00	0.99	0.04	0.00	0.00	0.69	1.00
18.00	1.05	0.04	0.00	0.00	0.83	1.00
19.00	1.11	0.04	0.00	0.00	0.97	1.00
20.00	1.16	0.05	0.00	0.00	1.14	1.00
21.00	1.22	0.05	0.00	0.00	1.31	1.00
22.00	1.28	0.05	0.00	0.00	1.49	1.00
23.00	1.34	0.05	0.00	0.00	1.68	1.00
24.00	1.40	0.06	0.00	0.00	1.89	1.00
25.00	1.48	0.06	0.00	0.00	2.11	1.00
26.00	1.57	0.07	0.00	0.00	2.35	1.00
27.00	1.65	0.08	0.00	0.00	2.61	1.00
28.00	1.74	0.08	0.00	0.00	2.90	1.00
29.00	1.82	0.09	0.00	0.00	3.20	1.00
30.00	1.91	0.09	0.00	0.00	3.52	1.00
31.00	1.99	0.10	0.00	0.00	3.55	1.00
32.00	2.08	0.10	0.00	0.00	3.50	1.00
33.00	2.16	0.10	0.00	0.00	3.57	1.00
34.00	2.25	0.11	0.00	0.00	3.54	1.00
35.00	2.33	0.11	0.00	0.00	3.53	1.00
36.00	2.42	0.11	0.00	0.00	3.54	1.00
37.00	2.50	0.12	0.00	0.00	3.55	1.00
38.00	2.59	0.12	0.00	0.00	3.58	1.00
39.00	2.67	0.12	0.00	0.00	3.51	1.00
40.00	2.75	0.12	0.00	0.00	3.56	1.00
41.00	2.84	0.13	0.00	0.00	3.51	1.00
42.00	2.92	0.13	0.00	0.00	3.57	1.00
43.00	3.01	0.13	0.00	0.00	3.54	1.00
44.00	3.09	0.13	0.00	0.00	3.51	1.00
45.00	3.18	0.14	0.00	0.00	3.60	1.00
46.00	3.26	0.14	0.00	0.00	3.59	1.00
47.00	3.35	0.14	0.00	0.00	3.58	1.00
48.00	3.43	0.14	0.00	0.00	3.58	1.00
49.00	3.53	0.14	0.00	0.00	3.59	1.00
50.00	3.63	0.15	0.00	0.00	3.51	1.00
51.00	3.74	0.15	0.00	0.00	3.55	1.00
52.00	3.86	0.16	0.00	0.00	3.51	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
53.00	4.03	0.17	0.00	0.00	3.50	1.00
54.00	4.23	0.19	0.00	0.00	3.56	1.00
55.00	4.47	0.22	0.00	0.00	3.60	1.00
56.00	4.74	0.25	0.00	0.00	3.52	1.00
57.00	5.07	0.28	0.00	0.00	3.67	1.00
58.00	5.47	0.33	0.00	0.00	3.76	1.00
59.00	6.01	0.39	0.00	0.00	4.04	1.00
60.00	9.71	1.05	0.00	0.00	4.50	1.00
61.00	10.77	1.15	0.00	0.00	5.11	1.00
62.00	11.26	1.13	0.00	0.00	5.20	1.00
63.00	11.57	1.08	0.00	0.00	5.15	1.00
64.00	11.85	1.03	0.00	0.00	5.13	1.00
65.00	12.02	0.96	0.00	0.00	5.00	1.00
66.00	12.20	0.90	0.00	0.00	5.05	1.00
67.00	12.37	0.85	0.00	0.00	5.09	1.00
68.00	12.54	0.80	0.00	0.00	5.05	1.00
69.00	12.66	0.75	0.00	0.00	4.82	1.00
70.00	12.77	0.70	0.00	0.00	4.60	1.00
71.00	12.89	0.65	0.00	0.00	4.51	1.00
72.00	13.00	0.61	0.00	0.00	4.58	1.00

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	0.28	30.40	0.00	0.00
2	0.28	59.20	0.00	0.00
3	0.28	60.20	0.00	0.00
4	0.28	60.60	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	5.20	62.20	0.00	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	1.39	0.00	1.29	0.00	0.10	0.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
54.00	3.54	0.16	0.00	0.00	3.57	1.00
55.00	3.74	0.18	0.00	0.00	3.57	1.00
56.00	3.97	0.20	0.00	0.00	3.54	1.00
57.00	4.24	0.23	0.00	0.00	3.51	1.00
58.00	4.58	0.27	0.00	0.00	3.61	1.00
59.00	5.02	0.32	0.00	0.00	3.66	1.00
60.00	8.12	0.87	0.00	0.00	4.33	1.00
61.00	9.01	0.95	0.00	0.00	4.95	1.00
62.00	9.42	0.93	0.00	0.00	5.04	1.00
63.00	9.67	0.89	0.00	0.00	5.01	1.00
64.00	9.91	0.85	0.00	0.00	4.94	1.00
65.00	10.06	0.80	0.00	0.00	4.90	1.00
66.00	10.20	0.75	0.00	0.00	4.67	1.00
67.00	10.34	0.70	0.00	0.00	4.57	1.00
68.00	10.49	0.66	0.00	0.00	4.53	1.00
69.00	10.58	0.62	0.00	0.00	4.53	1.00
70.00	10.68	0.58	0.00	0.00	4.47	1.00
71.00	10.78	0.54	0.00	0.00	4.48	1.00
72.00	10.87	0.51	0.00	0.00	4.35	1.00

Structure: 8

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 7 ft NGVD, Off Elev = 7 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00
20.00	0.97	0.03	0.00	0.00	0.74	1.00
21.00	1.02	0.03	0.00	0.00	0.87	1.00
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.00	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.00	3.53	1.00
36.00	2.02	0.09	0.00	0.00	3.54	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
37.00	2.09	0.09	0.00	0.00	3.57	1.00
38.00	2.16	0.09	0.00	0.00	3.50	1.00
39.00	2.23	0.10	0.00	0.00	3.54	1.00
40.00	2.30	0.10	0.00	0.00	3.60	1.00
41.00	2.38	0.10	0.00	0.00	3.55	1.00
42.00	2.45	0.10	0.00	0.00	3.52	1.00
43.00	2.52	0.10	0.00	0.00	3.49	1.00
44.00	2.59	0.11	0.00	0.00	3.57	1.00
45.00	2.66	0.11	0.00	0.00	3.56	1.00
46.00	2.73	0.11	0.00	0.00	3.55	1.00
47.00	2.80	0.11	0.00	0.00	3.54	1.00
48.00	2.87	0.11	0.00	0.00	3.55	1.00
49.00	2.95	0.12	0.00	0.00	3.55	1.00
50.00	3.03	0.12	0.00	0.00	3.57	1.00
51.00	3.13	0.12	0.00	0.00	3.51	1.00
52.00	3.23	0.13	0.00	0.00	3.56	1.00
53.00	3.37	0.14	0.00	0.00	3.54	1.00
54.00	3.54	0.16	0.00	0.00	3.57	1.00
55.00	3.74	0.18	0.00	0.00	3.57	1.00
56.00	3.97	0.20	0.00	0.00	3.54	1.00
57.00	4.24	0.23	0.00	0.00	3.51	1.00
58.00	4.58	0.27	0.00	0.00	3.61	1.00
59.00	5.02	0.32	0.00	0.00	3.66	1.00
60.00	8.12	0.87	0.00	0.00	4.33	1.00
61.00	9.01	0.95	0.00	0.00	4.95	1.00
62.00	9.42	0.93	0.00	0.00	5.04	1.00
63.00	9.67	0.89	0.00	0.00	5.01	1.00
64.00	9.91	0.85	0.00	0.00	4.94	1.00
65.00	10.06	0.80	0.00	0.00	4.90	1.00
66.00	10.20	0.75	0.00	0.00	4.67	1.00
67.00	10.34	0.70	0.00	0.00	4.57	1.00
68.00	10.49	0.66	0.00	0.00	4.53	1.00
69.00	10.58	0.62	0.00	0.00	4.53	1.00
70.00	10.68	0.58	0.00	0.00	4.47	1.00
71.00	10.78	0.54	0.00	0.00	4.48	1.00
72.00	10.87	0.51	0.00	0.00	4.35	1.00

Structure: 9

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 7.5 ft NGVD, Off Elev = 7.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
20.00	0.97	0.03	0.00	0.00	0.74	1.00
21.00	1.02	0.03	0.00	0.00	0.87	1.00
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.00	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.00	3.53	1.00
36.00	2.02	0.09	0.00	0.00	3.54	1.00
37.00	2.09	0.09	0.00	0.00	3.57	1.00
38.00	2.16	0.09	0.00	0.00	3.50	1.00
39.00	2.23	0.10	0.00	0.00	3.54	1.00
40.00	2.30	0.10	0.00	0.00	3.60	1.00
41.00	2.38	0.10	0.00	0.00	3.55	1.00
42.00	2.45	0.10	0.00	0.00	3.52	1.00
43.00	2.52	0.10	0.00	0.00	3.49	1.00
44.00	2.59	0.11	0.00	0.00	3.57	1.00
45.00	2.66	0.11	0.00	0.00	3.56	1.00
46.00	2.73	0.11	0.00	0.00	3.55	1.00
47.00	2.80	0.11	0.00	0.00	3.54	1.00
48.00	2.87	0.11	0.00	0.00	3.55	1.00
49.00	2.95	0.12	0.00	0.00	3.55	1.00
50.00	3.03	0.12	0.00	0.00	3.57	1.00
51.00	3.13	0.12	0.00	0.00	3.51	1.00
52.00	3.23	0.13	0.00	0.00	3.56	1.00
53.00	3.37	0.14	0.00	0.00	3.54	1.00
54.00	3.54	0.16	0.00	0.00	3.57	1.00
55.00	3.74	0.18	0.00	0.00	3.57	1.00
56.00	3.97	0.20	0.00	0.00	3.54	1.00
57.00	4.24	0.23	0.00	0.00	3.51	1.00
58.00	4.58	0.27	0.00	0.00	3.61	1.00
59.00	5.02	0.32	0.00	0.00	3.66	1.00
60.00	8.12	0.87	0.00	0.00	4.33	1.00
61.00	9.01	0.95	0.00	0.00	4.95	1.00
62.00	9.42	0.93	0.00	0.00	5.04	1.00
63.00	9.67	0.89	0.00	0.00	5.01	1.00
64.00	9.91	0.85	0.00	0.00	4.94	1.00
65.00	10.06	0.80	0.00	0.00	4.90	1.00
66.00	10.20	0.75	0.00	0.00	4.67	1.00
67.00	10.34	0.70	0.00	0.00	4.57	1.00
68.00	10.49	0.66	0.00	0.00	4.53	1.00
69.00	10.58	0.62	0.00	0.00	4.53	1.00
70.00	10.68	0.58	0.00	0.00	4.47	1.00
71.00	10.78	0.54	0.00	0.00	4.48	1.00
72.00	10.87	0.51	0.00	0.00	4.35	1.00

Structure: 10

From Basin: Site
 To Basin: Offsitel
 Structure Type: Pump
 On Elev = 8 ft NGVD, Off Elev = 8 ft NGVD, Capacity = 125 gpm

Cumulative Instant Current Cumulative Head Water Tail Water

100Y - 72H
FLOOD ROUTING

Project Name: 2750 Van Buren

Reviewer:

Project Number:

Period Begin: Jan 01, 2000;0000 hr End: Jan 04, 2000;0000 hr Duration: 72 hr

Time Step: 0.2 hr, Iterations: 10

Basin 1: Site

Method: Generalized Unit Hydrograph
 Rainfall Distribution: SFWMD - 3day
 Design Frequency: 100 year
 3 Day Rainfall: 16 inches
 Area: 1.96 acres
 Ground Storage: 1.24 inches
 Time of Concentration: 10 hours
 Peak Rate Factor: 0
 Initial Stage: 0 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
0.00	0.00
11.00	0.25
11.50	0.30
12.00	0.85
12.50	1.80

Offsite Receiving Body: Offsitel

Time (hr)	Stage (ft NGVD)
0.00	1.00
24.00	1.00
72.00	1.00
96.00	1.00

Structure: 1

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 3.5 ft NGVD, Off Elev = 3.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00
20.00	1.43	0.07	0.00	0.00	1.77	1.00
21.00	1.50	0.07	0.00	0.00	2.02	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.28	0.01	3.53	1.00
28.00	2.14	0.11	0.28	0.02	3.51	1.00
29.00	2.24	0.12	0.28	0.03	3.51	1.00
30.00	2.35	0.12	0.28	0.04	3.54	1.00
31.00	2.45	0.13	0.28	0.05	3.58	1.00
32.00	2.55	0.13	0.00	0.06	3.55	1.00
33.00	2.66	0.14	0.28	0.07	3.53	1.00
34.00	2.76	0.14	0.00	0.08	3.53	1.00
35.00	2.87	0.15	0.28	0.09	3.54	1.00
36.00	2.97	0.15	0.00	0.10	3.57	1.00
37.00	3.08	0.15	0.00	0.12	3.51	1.00
38.00	3.18	0.16	0.28	0.13	3.57	1.00
39.00	3.29	0.16	0.28	0.14	3.54	1.00
40.00	3.39	0.16	0.28	0.16	3.51	1.00
41.00	3.50	0.16	0.00	0.17	3.60	1.00
42.00	3.60	0.17	0.00	0.18	3.60	1.00
43.00	3.70	0.17	0.00	0.19	3.60	1.00
44.00	3.81	0.17	0.28	0.21	3.51	1.00
45.00	3.91	0.17	0.28	0.23	3.53	1.00
46.00	4.02	0.18	0.28	0.24	3.56	1.00
47.00	4.12	0.18	0.28	0.25	3.59	1.00
48.00	4.23	0.18	0.00	0.27	3.53	1.00
49.00	4.34	0.18	0.00	0.28	3.58	1.00
50.00	4.46	0.19	0.28	0.30	3.55	1.00
51.00	4.60	0.19	0.28	0.31	3.63	1.00
52.00	4.76	0.20	0.28	0.33	3.54	1.00
53.00	4.96	0.22	0.00	0.35	3.60	1.00
54.00	5.20	0.24	0.28	0.37	3.53	1.00
55.00	5.50	0.27	0.28	0.39	3.66	1.00
56.00	5.84	0.31	0.28	0.41	3.70	1.00
57.00	6.24	0.35	0.28	0.43	3.89	1.00
58.00	6.73	0.41	0.28	0.46	4.06	1.00
59.00	7.39	0.49	0.28	0.48	4.07	1.00
60.00	11.95	1.31	0.28	0.50	4.76	1.00
61.00	13.26	1.42	0.28	0.52	5.54	1.00
62.00	13.86	1.40	0.28	0.55	5.61	1.00
63.00	14.23	1.34	0.28	0.57	5.52	1.00
64.00	14.59	1.28	0.28	0.59	5.61	1.00
65.00	14.80	1.19	0.28	0.62	5.54	1.00
66.00	15.01	1.12	0.28	0.64	5.49	1.00
67.00	15.22	1.05	0.28	0.66	5.38	1.00
68.00	15.43	0.99	0.28	0.69	5.05	1.00
69.00	15.58	0.92	0.28	0.71	4.98	1.00
70.00	15.72	0.86	0.28	0.73	4.99	1.00
71.00	15.86	0.81	0.28	0.76	4.98	1.00
72.00	16.00	0.76	0.28	0.78	4.79	1.00

Structure: 2

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 4 ft NGVD, Off Elev = 4 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
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0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00
20.00	1.43	0.07	0.00	0.00	1.77	1.00
21.00	1.50	0.07	0.00	0.00	2.02	1.00
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.00	0.00	3.53	1.00
28.00	2.14	0.11	0.00	0.00	3.51	1.00
29.00	2.24	0.12	0.00	0.00	3.51	1.00
30.00	2.35	0.12	0.00	0.00	3.54	1.00
31.00	2.45	0.13	0.00	0.00	3.58	1.00
32.00	2.55	0.13	0.00	0.00	3.55	1.00
33.00	2.66	0.14	0.00	0.00	3.53	1.00
34.00	2.76	0.14	0.00	0.00	3.53	1.00
35.00	2.87	0.15	0.00	0.00	3.54	1.00
36.00	2.97	0.15	0.00	0.00	3.57	1.00
37.00	3.08	0.15	0.00	0.00	3.51	1.00
38.00	3.18	0.16	0.00	0.00	3.57	1.00
39.00	3.29	0.16	0.00	0.00	3.54	1.00
40.00	3.39	0.16	0.00	0.00	3.51	1.00
41.00	3.50	0.16	0.00	0.00	3.60	1.00
42.00	3.60	0.17	0.00	0.00	3.60	1.00
43.00	3.70	0.17	0.00	0.00	3.60	1.00
44.00	3.81	0.17	0.00	0.00	3.51	1.00
45.00	3.91	0.17	0.00	0.00	3.53	1.00
46.00	4.02	0.18	0.00	0.00	3.56	1.00
47.00	4.12	0.18	0.00	0.00	3.59	1.00
48.00	4.23	0.18	0.00	0.00	3.53	1.00
49.00	4.34	0.18	0.00	0.00	3.58	1.00
50.00	4.46	0.19	0.00	0.00	3.55	1.00
51.00	4.60	0.19	0.00	0.00	3.63	1.00
52.00	4.76	0.20	0.00	0.00	3.54	1.00
53.00	4.96	0.22	0.00	0.00	3.60	1.00
54.00	5.20	0.24	0.00	0.00	3.53	1.00
55.00	5.50	0.27	0.00	0.00	3.66	1.00
56.00	5.84	0.31	0.00	0.00	3.70	1.00
57.00	6.24	0.35	0.00	0.00	3.89	1.00
58.00	6.73	0.41	0.00	0.00	4.06	1.00
59.00	7.39	0.49	0.00	0.02	4.07	1.00
60.00	11.95	1.31	0.28	0.04	4.76	1.00
61.00	13.26	1.42	0.28	0.06	5.54	1.00
62.00	13.86	1.40	0.28	0.09	5.61	1.00
63.00	14.23	1.34	0.28	0.11	5.52	1.00
64.00	14.59	1.28	0.28	0.13	5.61	1.00
65.00	14.80	1.19	0.28	0.16	5.54	1.00
66.00	15.01	1.12	0.28	0.18	5.49	1.00
67.00	15.22	1.05	0.28	0.20	5.38	1.00
68.00	15.43	0.99	0.28	0.23	5.05	1.00
69.00	15.58	0.92	0.28	0.25	4.98	1.00
70.00	15.72	0.86	0.28	0.27	4.99	1.00
71.00	15.86	0.81	0.28	0.29	4.98	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
72.00	16.00	0.76	0.28	0.32	4.79	1.00

Structure: 3

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 4.5 ft NGVD, Off Elev = 4.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00
20.00	1.43	0.07	0.00	0.00	1.77	1.00
21.00	1.50	0.07	0.00	0.00	2.02	1.00
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.00	0.00	3.53	1.00
28.00	2.14	0.11	0.00	0.00	3.51	1.00
29.00	2.24	0.12	0.00	0.00	3.51	1.00
30.00	2.35	0.12	0.00	0.00	3.54	1.00
31.00	2.45	0.13	0.00	0.00	3.58	1.00
32.00	2.55	0.13	0.00	0.00	3.55	1.00
33.00	2.66	0.14	0.00	0.00	3.53	1.00
34.00	2.76	0.14	0.00	0.00	3.53	1.00
35.00	2.87	0.15	0.00	0.00	3.54	1.00
36.00	2.97	0.15	0.00	0.00	3.57	1.00
37.00	3.08	0.15	0.00	0.00	3.51	1.00
38.00	3.18	0.16	0.00	0.00	3.57	1.00
39.00	3.29	0.16	0.00	0.00	3.54	1.00
40.00	3.39	0.16	0.00	0.00	3.51	1.00
41.00	3.50	0.16	0.00	0.00	3.60	1.00
42.00	3.60	0.17	0.00	0.00	3.60	1.00
43.00	3.70	0.17	0.00	0.00	3.60	1.00
44.00	3.81	0.17	0.00	0.00	3.51	1.00
45.00	3.91	0.17	0.00	0.00	3.53	1.00
46.00	4.02	0.18	0.00	0.00	3.56	1.00
47.00	4.12	0.18	0.00	0.00	3.59	1.00
48.00	4.23	0.18	0.00	0.00	3.53	1.00
49.00	4.34	0.18	0.00	0.00	3.58	1.00
50.00	4.46	0.19	0.00	0.00	3.55	1.00
51.00	4.60	0.19	0.00	0.00	3.63	1.00
52.00	4.76	0.20	0.00	0.00	3.54	1.00
53.00	4.96	0.22	0.00	0.00	3.60	1.00
54.00	5.20	0.24	0.00	0.00	3.53	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
55.00	5.50	0.27	0.00	0.00	3.66	1.00
56.00	5.84	0.31	0.00	0.00	3.70	1.00
57.00	6.24	0.35	0.00	0.00	3.89	1.00
58.00	6.73	0.41	0.00	0.00	4.06	1.00
59.00	7.39	0.49	0.00	0.00	4.07	1.00
60.00	11.95	1.31	0.28	0.00	4.76	1.00
61.00	13.26	1.42	0.28	0.03	5.54	1.00
62.00	13.86	1.40	0.28	0.05	5.61	1.00
63.00	14.23	1.34	0.28	0.07	5.52	1.00
64.00	14.59	1.28	0.28	0.10	5.61	1.00
65.00	14.80	1.19	0.28	0.12	5.54	1.00
66.00	15.01	1.12	0.28	0.14	5.49	1.00
67.00	15.22	1.05	0.28	0.17	5.38	1.00
68.00	15.43	0.99	0.28	0.19	5.05	1.00
69.00	15.58	0.92	0.28	0.21	4.98	1.00
70.00	15.72	0.86	0.28	0.23	4.99	1.00
71.00	15.86	0.81	0.28	0.26	4.98	1.00
72.00	16.00	0.76	0.28	0.28	4.79	1.00

Structure: 4

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 5 ft NGVD, Off Elev = 5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00
20.00	1.43	0.07	0.00	0.00	1.77	1.00
21.00	1.50	0.07	0.00	0.00	2.02	1.00
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.00	0.00	3.53	1.00
28.00	2.14	0.11	0.00	0.00	3.51	1.00
29.00	2.24	0.12	0.00	0.00	3.51	1.00
30.00	2.35	0.12	0.00	0.00	3.54	1.00
31.00	2.45	0.13	0.00	0.00	3.58	1.00
32.00	2.55	0.13	0.00	0.00	3.55	1.00
33.00	2.66	0.14	0.00	0.00	3.53	1.00
34.00	2.76	0.14	0.00	0.00	3.53	1.00
35.00	2.87	0.15	0.00	0.00	3.54	1.00
36.00	2.97	0.15	0.00	0.00	3.57	1.00
37.00	3.08	0.15	0.00	0.00	3.51	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
38.00	3.18	0.16	0.00	0.00	3.57	1.00
39.00	3.29	0.16	0.00	0.00	3.54	1.00
40.00	3.39	0.16	0.00	0.00	3.51	1.00
41.00	3.50	0.16	0.00	0.00	3.60	1.00
42.00	3.60	0.17	0.00	0.00	3.60	1.00
43.00	3.70	0.17	0.00	0.00	3.60	1.00
44.00	3.81	0.17	0.00	0.00	3.51	1.00
45.00	3.91	0.17	0.00	0.00	3.53	1.00
46.00	4.02	0.18	0.00	0.00	3.56	1.00
47.00	4.12	0.18	0.00	0.00	3.59	1.00
48.00	4.23	0.18	0.00	0.00	3.53	1.00
49.00	4.34	0.18	0.00	0.00	3.58	1.00
50.00	4.46	0.19	0.00	0.00	3.55	1.00
51.00	4.60	0.19	0.00	0.00	3.63	1.00
52.00	4.76	0.20	0.00	0.00	3.54	1.00
53.00	4.96	0.22	0.00	0.00	3.60	1.00
54.00	5.20	0.24	0.00	0.00	3.53	1.00
55.00	5.50	0.27	0.00	0.00	3.66	1.00
56.00	5.84	0.31	0.00	0.00	3.70	1.00
57.00	6.24	0.35	0.00	0.00	3.89	1.00
58.00	6.73	0.41	0.00	0.00	4.06	1.00
59.00	7.39	0.49	0.00	0.00	4.07	1.00
60.00	11.95	1.31	0.00	0.00	4.76	1.00
61.00	13.26	1.42	0.28	0.02	5.54	1.00
62.00	13.86	1.40	0.28	0.05	5.61	1.00
63.00	14.23	1.34	0.28	0.07	5.52	1.00
64.00	14.59	1.28	0.28	0.09	5.61	1.00
65.00	14.80	1.19	0.28	0.12	5.54	1.00
66.00	15.01	1.12	0.28	0.14	5.49	1.00
67.00	15.22	1.05	0.28	0.16	5.38	1.00
68.00	15.43	0.99	0.28	0.18	5.05	1.00
69.00	15.58	0.92	0.00	0.19	4.98	1.00
70.00	15.72	0.86	0.00	0.20	4.99	1.00
71.00	15.86	0.81	0.00	0.20	4.98	1.00
72.00	16.00	0.76	0.00	0.20	4.79	1.00

Structure: 5

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 5.5 ft NGVD, Off Elev = 5.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00
20.00	1.43	0.07	0.00	0.00	1.77	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
21.00	1.50	0.07	0.00	0.00	2.02	1.00
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.00	0.00	3.53	1.00
28.00	2.14	0.11	0.00	0.00	3.51	1.00
29.00	2.24	0.12	0.00	0.00	3.51	1.00
30.00	2.35	0.12	0.00	0.00	3.54	1.00
31.00	2.45	0.13	0.00	0.00	3.58	1.00
32.00	2.55	0.13	0.00	0.00	3.55	1.00
33.00	2.66	0.14	0.00	0.00	3.53	1.00
34.00	2.76	0.14	0.00	0.00	3.53	1.00
35.00	2.87	0.15	0.00	0.00	3.54	1.00
36.00	2.97	0.15	0.00	0.00	3.57	1.00
37.00	3.08	0.15	0.00	0.00	3.51	1.00
38.00	3.18	0.16	0.00	0.00	3.57	1.00
39.00	3.29	0.16	0.00	0.00	3.54	1.00
40.00	3.39	0.16	0.00	0.00	3.51	1.00
41.00	3.50	0.16	0.00	0.00	3.60	1.00
42.00	3.60	0.17	0.00	0.00	3.60	1.00
43.00	3.70	0.17	0.00	0.00	3.60	1.00
44.00	3.81	0.17	0.00	0.00	3.51	1.00
45.00	3.91	0.17	0.00	0.00	3.53	1.00
46.00	4.02	0.18	0.00	0.00	3.56	1.00
47.00	4.12	0.18	0.00	0.00	3.59	1.00
48.00	4.23	0.18	0.00	0.00	3.53	1.00
49.00	4.34	0.18	0.00	0.00	3.58	1.00
50.00	4.46	0.19	0.00	0.00	3.55	1.00
51.00	4.60	0.19	0.00	0.00	3.63	1.00
52.00	4.76	0.20	0.00	0.00	3.54	1.00
53.00	4.96	0.22	0.00	0.00	3.60	1.00
54.00	5.20	0.24	0.00	0.00	3.53	1.00
55.00	5.50	0.27	0.00	0.00	3.66	1.00
56.00	5.84	0.31	0.00	0.00	3.70	1.00
57.00	6.24	0.35	0.00	0.00	3.89	1.00
58.00	6.73	0.41	0.00	0.00	4.06	1.00
59.00	7.39	0.49	0.00	0.00	4.07	1.00
60.00	11.95	1.31	0.00	0.00	4.76	1.00
61.00	13.26	1.42	0.28	0.01	5.54	1.00
62.00	13.86	1.40	0.28	0.03	5.61	1.00
63.00	14.23	1.34	0.28	0.06	5.52	1.00
64.00	14.59	1.28	0.28	0.07	5.61	1.00
65.00	14.80	1.19	0.00	0.08	5.54	1.00
66.00	15.01	1.12	0.00	0.08	5.49	1.00
67.00	15.22	1.05	0.00	0.08	5.38	1.00
68.00	15.43	0.99	0.00	0.08	5.05	1.00
69.00	15.58	0.92	0.00	0.08	4.98	1.00
70.00	15.72	0.86	0.00	0.08	4.99	1.00
71.00	15.86	0.81	0.00	0.08	4.98	1.00
72.00	16.00	0.76	0.00	0.08	4.79	1.00

Structure: 6

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 6 ft NGVD, Off Elev = 6 ft NGVD, Capacity = 125 gpm

Time	Cumulative Rainfall	Instant Runoff	Current Discharge	Cumulative Discharge	Head Water Stage	Tail Water Stage
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(hr)	(in)	(cfs)	(cfs)	(acre-ft)	(ft NGVD)	(ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00
20.00	1.43	0.07	0.00	0.00	1.77	1.00
21.00	1.50	0.07	0.00	0.00	2.02	1.00
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.00	0.00	3.53	1.00
28.00	2.14	0.11	0.00	0.00	3.51	1.00
29.00	2.24	0.12	0.00	0.00	3.51	1.00
30.00	2.35	0.12	0.00	0.00	3.54	1.00
31.00	2.45	0.13	0.00	0.00	3.58	1.00
32.00	2.55	0.13	0.00	0.00	3.55	1.00
33.00	2.66	0.14	0.00	0.00	3.53	1.00
34.00	2.76	0.14	0.00	0.00	3.53	1.00
35.00	2.87	0.15	0.00	0.00	3.54	1.00
36.00	2.97	0.15	0.00	0.00	3.57	1.00
37.00	3.08	0.15	0.00	0.00	3.51	1.00
38.00	3.18	0.16	0.00	0.00	3.57	1.00
39.00	3.29	0.16	0.00	0.00	3.54	1.00
40.00	3.39	0.16	0.00	0.00	3.51	1.00
41.00	3.50	0.16	0.00	0.00	3.60	1.00
42.00	3.60	0.17	0.00	0.00	3.60	1.00
43.00	3.70	0.17	0.00	0.00	3.60	1.00
44.00	3.81	0.17	0.00	0.00	3.51	1.00
45.00	3.91	0.17	0.00	0.00	3.53	1.00
46.00	4.02	0.18	0.00	0.00	3.56	1.00
47.00	4.12	0.18	0.00	0.00	3.59	1.00
48.00	4.23	0.18	0.00	0.00	3.53	1.00
49.00	4.34	0.18	0.00	0.00	3.58	1.00
50.00	4.46	0.19	0.00	0.00	3.55	1.00
51.00	4.60	0.19	0.00	0.00	3.63	1.00
52.00	4.76	0.20	0.00	0.00	3.54	1.00
53.00	4.96	0.22	0.00	0.00	3.60	1.00
54.00	5.20	0.24	0.00	0.00	3.53	1.00
55.00	5.50	0.27	0.00	0.00	3.66	1.00
56.00	5.84	0.31	0.00	0.00	3.70	1.00
57.00	6.24	0.35	0.00	0.00	3.89	1.00
58.00	6.73	0.41	0.00	0.00	4.06	1.00
59.00	7.39	0.49	0.00	0.00	4.07	1.00
60.00	11.95	1.31	0.00	0.00	4.76	1.00
61.00	13.26	1.42	0.00	0.00	5.54	1.00
62.00	13.86	1.40	0.00	0.00	5.61	1.00
63.00	14.23	1.34	0.00	0.00	5.52	1.00
64.00	14.59	1.28	0.00	0.00	5.61	1.00
65.00	14.80	1.19	0.00	0.00	5.54	1.00
66.00	15.01	1.12	0.00	0.00	5.49	1.00
67.00	15.22	1.05	0.00	0.00	5.38	1.00
68.00	15.43	0.99	0.00	0.00	5.05	1.00
69.00	15.58	0.92	0.00	0.00	4.98	1.00
70.00	15.72	0.86	0.00	0.00	4.99	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
71.00	15.86	0.81	0.00	0.00	4.98	1.00
72.00	16.00	0.76	0.00	0.00	4.79	1.00

Structure: 7

From Basin: Site

To Basin: Offsitel

Structure Type: Pump

On Elev = 6.5 ft NGVD, Off Elev = 6.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00
20.00	1.43	0.07	0.00	0.00	1.77	1.00
21.00	1.50	0.07	0.00	0.00	2.02	1.00
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.00	0.00	3.53	1.00
28.00	2.14	0.11	0.00	0.00	3.51	1.00
29.00	2.24	0.12	0.00	0.00	3.51	1.00
30.00	2.35	0.12	0.00	0.00	3.54	1.00
31.00	2.45	0.13	0.00	0.00	3.58	1.00
32.00	2.55	0.13	0.00	0.00	3.55	1.00
33.00	2.66	0.14	0.00	0.00	3.53	1.00
34.00	2.76	0.14	0.00	0.00	3.53	1.00
35.00	2.87	0.15	0.00	0.00	3.54	1.00
36.00	2.97	0.15	0.00	0.00	3.57	1.00
37.00	3.08	0.15	0.00	0.00	3.51	1.00
38.00	3.18	0.16	0.00	0.00	3.57	1.00
39.00	3.29	0.16	0.00	0.00	3.54	1.00
40.00	3.39	0.16	0.00	0.00	3.51	1.00
41.00	3.50	0.16	0.00	0.00	3.60	1.00
42.00	3.60	0.17	0.00	0.00	3.60	1.00
43.00	3.70	0.17	0.00	0.00	3.60	1.00
44.00	3.81	0.17	0.00	0.00	3.51	1.00
45.00	3.91	0.17	0.00	0.00	3.53	1.00
46.00	4.02	0.18	0.00	0.00	3.56	1.00
47.00	4.12	0.18	0.00	0.00	3.59	1.00
48.00	4.23	0.18	0.00	0.00	3.53	1.00
49.00	4.34	0.18	0.00	0.00	3.58	1.00
50.00	4.46	0.19	0.00	0.00	3.55	1.00
51.00	4.60	0.19	0.00	0.00	3.63	1.00
52.00	4.76	0.20	0.00	0.00	3.54	1.00
53.00	4.96	0.22	0.00	0.00	3.60	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
54.00	5.20	0.24	0.00	0.00	3.53	1.00
55.00	5.50	0.27	0.00	0.00	3.66	1.00
56.00	5.84	0.31	0.00	0.00	3.70	1.00
57.00	6.24	0.35	0.00	0.00	3.89	1.00
58.00	6.73	0.41	0.00	0.00	4.06	1.00
59.00	7.39	0.49	0.00	0.00	4.07	1.00
60.00	11.95	1.31	0.00	0.00	4.76	1.00
61.00	13.26	1.42	0.00	0.00	5.54	1.00
62.00	13.86	1.40	0.00	0.00	5.61	1.00
63.00	14.23	1.34	0.00	0.00	5.52	1.00
64.00	14.59	1.28	0.00	0.00	5.61	1.00
65.00	14.80	1.19	0.00	0.00	5.54	1.00
66.00	15.01	1.12	0.00	0.00	5.49	1.00
67.00	15.22	1.05	0.00	0.00	5.38	1.00
68.00	15.43	0.99	0.00	0.00	5.05	1.00
69.00	15.58	0.92	0.00	0.00	4.98	1.00
70.00	15.72	0.86	0.00	0.00	4.99	1.00
71.00	15.86	0.81	0.00	0.00	4.98	1.00
72.00	16.00	0.76	0.00	0.00	4.79	1.00

Structure: 8

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 7 ft NGVD, Off Elev = 7 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00
20.00	1.43	0.07	0.00	0.00	1.77	1.00
21.00	1.50	0.07	0.00	0.00	2.02	1.00
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.00	0.00	3.53	1.00
28.00	2.14	0.11	0.00	0.00	3.51	1.00
29.00	2.24	0.12	0.00	0.00	3.51	1.00
30.00	2.35	0.12	0.00	0.00	3.54	1.00
31.00	2.45	0.13	0.00	0.00	3.58	1.00
32.00	2.55	0.13	0.00	0.00	3.55	1.00
33.00	2.66	0.14	0.00	0.00	3.53	1.00
34.00	2.76	0.14	0.00	0.00	3.53	1.00
35.00	2.87	0.15	0.00	0.00	3.54	1.00
36.00	2.97	0.15	0.00	0.00	3.57	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
37.00	3.08	0.15	0.00	0.00	3.51	1.00
38.00	3.18	0.16	0.00	0.00	3.57	1.00
39.00	3.29	0.16	0.00	0.00	3.54	1.00
40.00	3.39	0.16	0.00	0.00	3.51	1.00
41.00	3.50	0.16	0.00	0.00	3.60	1.00
42.00	3.60	0.17	0.00	0.00	3.60	1.00
43.00	3.70	0.17	0.00	0.00	3.60	1.00
44.00	3.81	0.17	0.00	0.00	3.51	1.00
45.00	3.91	0.17	0.00	0.00	3.53	1.00
46.00	4.02	0.18	0.00	0.00	3.56	1.00
47.00	4.12	0.18	0.00	0.00	3.59	1.00
48.00	4.23	0.18	0.00	0.00	3.53	1.00
49.00	4.34	0.18	0.00	0.00	3.58	1.00
50.00	4.46	0.19	0.00	0.00	3.55	1.00
51.00	4.60	0.19	0.00	0.00	3.63	1.00
52.00	4.76	0.20	0.00	0.00	3.54	1.00
53.00	4.96	0.22	0.00	0.00	3.60	1.00
54.00	5.20	0.24	0.00	0.00	3.53	1.00
55.00	5.50	0.27	0.00	0.00	3.66	1.00
56.00	5.84	0.31	0.00	0.00	3.70	1.00
57.00	6.24	0.35	0.00	0.00	3.89	1.00
58.00	6.73	0.41	0.00	0.00	4.06	1.00
59.00	7.39	0.49	0.00	0.00	4.07	1.00
60.00	11.95	1.31	0.00	0.00	4.76	1.00
61.00	13.26	1.42	0.00	0.00	5.54	1.00
62.00	13.86	1.40	0.00	0.00	5.61	1.00
63.00	14.23	1.34	0.00	0.00	5.52	1.00
64.00	14.59	1.28	0.00	0.00	5.61	1.00
65.00	14.80	1.19	0.00	0.00	5.54	1.00
66.00	15.01	1.12	0.00	0.00	5.49	1.00
67.00	15.22	1.05	0.00	0.00	5.38	1.00
68.00	15.43	0.99	0.00	0.00	5.05	1.00
69.00	15.58	0.92	0.00	0.00	4.98	1.00
70.00	15.72	0.86	0.00	0.00	4.99	1.00
71.00	15.86	0.81	0.00	0.00	4.98	1.00
72.00	16.00	0.76	0.00	0.00	4.79	1.00

Structure: 9

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 7.5 ft NGVD, Off Elev = 7.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
20.00	1.43	0.07	0.00	0.00	1.77	1.00
21.00	1.50	0.07	0.00	0.00	2.02	1.00
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.00	0.00	3.53	1.00
28.00	2.14	0.11	0.00	0.00	3.51	1.00
29.00	2.24	0.12	0.00	0.00	3.51	1.00
30.00	2.35	0.12	0.00	0.00	3.54	1.00
31.00	2.45	0.13	0.00	0.00	3.58	1.00
32.00	2.55	0.13	0.00	0.00	3.55	1.00
33.00	2.66	0.14	0.00	0.00	3.53	1.00
34.00	2.76	0.14	0.00	0.00	3.53	1.00
35.00	2.87	0.15	0.00	0.00	3.54	1.00
36.00	2.97	0.15	0.00	0.00	3.57	1.00
37.00	3.08	0.15	0.00	0.00	3.51	1.00
38.00	3.18	0.16	0.00	0.00	3.57	1.00
39.00	3.29	0.16	0.00	0.00	3.54	1.00
40.00	3.39	0.16	0.00	0.00	3.51	1.00
41.00	3.50	0.16	0.00	0.00	3.60	1.00
42.00	3.60	0.17	0.00	0.00	3.60	1.00
43.00	3.70	0.17	0.00	0.00	3.60	1.00
44.00	3.81	0.17	0.00	0.00	3.51	1.00
45.00	3.91	0.17	0.00	0.00	3.53	1.00
46.00	4.02	0.18	0.00	0.00	3.56	1.00
47.00	4.12	0.18	0.00	0.00	3.59	1.00
48.00	4.23	0.18	0.00	0.00	3.53	1.00
49.00	4.34	0.18	0.00	0.00	3.58	1.00
50.00	4.46	0.19	0.00	0.00	3.55	1.00
51.00	4.60	0.19	0.00	0.00	3.63	1.00
52.00	4.76	0.20	0.00	0.00	3.54	1.00
53.00	4.96	0.22	0.00	0.00	3.60	1.00
54.00	5.20	0.24	0.00	0.00	3.53	1.00
55.00	5.50	0.27	0.00	0.00	3.66	1.00
56.00	5.84	0.31	0.00	0.00	3.70	1.00
57.00	6.24	0.35	0.00	0.00	3.89	1.00
58.00	6.73	0.41	0.00	0.00	4.06	1.00
59.00	7.39	0.49	0.00	0.00	4.07	1.00
60.00	11.95	1.31	0.00	0.00	4.76	1.00
61.00	13.26	1.42	0.00	0.00	5.54	1.00
62.00	13.86	1.40	0.00	0.00	5.61	1.00
63.00	14.23	1.34	0.00	0.00	5.52	1.00
64.00	14.59	1.28	0.00	0.00	5.61	1.00
65.00	14.80	1.19	0.00	0.00	5.54	1.00
66.00	15.01	1.12	0.00	0.00	5.49	1.00
67.00	15.22	1.05	0.00	0.00	5.38	1.00
68.00	15.43	0.99	0.00	0.00	5.05	1.00
69.00	15.58	0.92	0.00	0.00	4.98	1.00
70.00	15.72	0.86	0.00	0.00	4.99	1.00
71.00	15.86	0.81	0.00	0.00	4.98	1.00
72.00	16.00	0.76	0.00	0.00	4.79	1.00

Structure: 10

From Basin: Site
 To Basin: Offsite1
 Structure Type: Pump
 On Elev = 8 ft NGVD, Off Elev = 8 ft NGVD, Capacity = 125 gpm

Cumulative Instant Current Cumulative Head Water Tail Water

Time (hr)	Rainfall (in)	Runoff (cfs)	Discharge (cfs)	Discharge (acre-ft)	Stage (ft NGVD)	Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00
20.00	1.43	0.07	0.00	0.00	1.77	1.00
21.00	1.50	0.07	0.00	0.00	2.02	1.00
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.00	0.00	3.53	1.00
28.00	2.14	0.11	0.00	0.00	3.51	1.00
29.00	2.24	0.12	0.00	0.00	3.51	1.00
30.00	2.35	0.12	0.00	0.00	3.54	1.00
31.00	2.45	0.13	0.00	0.00	3.58	1.00
32.00	2.55	0.13	0.00	0.00	3.55	1.00
33.00	2.66	0.14	0.00	0.00	3.53	1.00
34.00	2.76	0.14	0.00	0.00	3.53	1.00
35.00	2.87	0.15	0.00	0.00	3.54	1.00
36.00	2.97	0.15	0.00	0.00	3.57	1.00
37.00	3.08	0.15	0.00	0.00	3.51	1.00
38.00	3.18	0.16	0.00	0.00	3.57	1.00
39.00	3.29	0.16	0.00	0.00	3.54	1.00
40.00	3.39	0.16	0.00	0.00	3.51	1.00
41.00	3.50	0.16	0.00	0.00	3.60	1.00
42.00	3.60	0.17	0.00	0.00	3.60	1.00
43.00	3.70	0.17	0.00	0.00	3.60	1.00
44.00	3.81	0.17	0.00	0.00	3.51	1.00
45.00	3.91	0.17	0.00	0.00	3.53	1.00
46.00	4.02	0.18	0.00	0.00	3.56	1.00
47.00	4.12	0.18	0.00	0.00	3.59	1.00
48.00	4.23	0.18	0.00	0.00	3.53	1.00
49.00	4.34	0.18	0.00	0.00	3.58	1.00
50.00	4.46	0.19	0.00	0.00	3.55	1.00
51.00	4.60	0.19	0.00	0.00	3.63	1.00
52.00	4.76	0.20	0.00	0.00	3.54	1.00
53.00	4.96	0.22	0.00	0.00	3.60	1.00
54.00	5.20	0.24	0.00	0.00	3.53	1.00
55.00	5.50	0.27	0.00	0.00	3.66	1.00
56.00	5.84	0.31	0.00	0.00	3.70	1.00
57.00	6.24	0.35	0.00	0.00	3.89	1.00
58.00	6.73	0.41	0.00	0.00	4.06	1.00
59.00	7.39	0.49	0.00	0.00	4.07	1.00
60.00	11.95	1.31	0.00	0.00	4.76	1.00
61.00	13.26	1.42	0.00	0.00	5.54	1.00
62.00	13.86	1.40	0.00	0.00	5.61	1.00
63.00	14.23	1.34	0.00	0.00	5.52	1.00
64.00	14.59	1.28	0.00	0.00	5.61	1.00
65.00	14.80	1.19	0.00	0.00	5.54	1.00
66.00	15.01	1.12	0.00	0.00	5.49	1.00
67.00	15.22	1.05	0.00	0.00	5.38	1.00
68.00	15.43	0.99	0.00	0.00	5.05	1.00
69.00	15.58	0.92	0.00	0.00	4.98	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
70.00	15.72	0.86	0.00	0.00	4.99	1.00
71.00	15.86	0.81	0.00	0.00	4.98	1.00
72.00	16.00	0.76	0.00	0.00	4.79	1.00

Structure: 11

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 8.5 ft NGVD, Off Elev = 8.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.07	0.00	0.00	0.00	0.00	1.00
2.00	0.14	0.00	0.00	0.00	0.00	1.00
3.00	0.21	0.00	0.00	0.00	0.00	1.00
4.00	0.29	0.00	0.00	0.00	0.00	1.00
5.00	0.36	0.00	0.00	0.00	0.00	1.00
6.00	0.43	0.00	0.00	0.00	0.01	1.00
7.00	0.50	0.01	0.00	0.00	0.03	1.00
8.00	0.57	0.01	0.00	0.00	0.07	1.00
9.00	0.64	0.02	0.00	0.00	0.12	1.00
10.00	0.72	0.02	0.00	0.00	0.18	1.00
11.00	0.79	0.03	0.00	0.00	0.27	1.00
12.00	0.86	0.03	0.00	0.00	0.37	1.00
13.00	0.93	0.03	0.00	0.00	0.48	1.00
14.00	1.00	0.04	0.00	0.00	0.62	1.00
15.00	1.07	0.04	0.00	0.00	0.77	1.00
16.00	1.15	0.05	0.00	0.00	0.94	1.00
17.00	1.22	0.05	0.00	0.00	1.12	1.00
18.00	1.29	0.06	0.00	0.00	1.32	1.00
19.00	1.36	0.06	0.00	0.00	1.54	1.00
20.00	1.43	0.07	0.00	0.00	1.77	1.00
21.00	1.50	0.07	0.00	0.00	2.02	1.00
22.00	1.58	0.07	0.00	0.00	2.28	1.00
23.00	1.65	0.08	0.00	0.00	2.55	1.00
24.00	1.72	0.08	0.00	0.00	2.83	1.00
25.00	1.82	0.09	0.00	0.00	3.14	1.00
26.00	1.93	0.10	0.00	0.00	3.47	1.00
27.00	2.03	0.10	0.00	0.00	3.53	1.00
28.00	2.14	0.11	0.00	0.00	3.51	1.00
29.00	2.24	0.12	0.00	0.00	3.51	1.00
30.00	2.35	0.12	0.00	0.00	3.54	1.00
31.00	2.45	0.13	0.00	0.00	3.58	1.00
32.00	2.55	0.13	0.00	0.00	3.55	1.00
33.00	2.66	0.14	0.00	0.00	3.53	1.00
34.00	2.76	0.14	0.00	0.00	3.53	1.00
35.00	2.87	0.15	0.00	0.00	3.54	1.00
36.00	2.97	0.15	0.00	0.00	3.57	1.00
37.00	3.08	0.15	0.00	0.00	3.51	1.00
38.00	3.18	0.16	0.00	0.00	3.57	1.00
39.00	3.29	0.16	0.00	0.00	3.54	1.00
40.00	3.39	0.16	0.00	0.00	3.51	1.00
41.00	3.50	0.16	0.00	0.00	3.60	1.00
42.00	3.60	0.17	0.00	0.00	3.60	1.00
43.00	3.70	0.17	0.00	0.00	3.60	1.00
44.00	3.81	0.17	0.00	0.00	3.51	1.00
45.00	3.91	0.17	0.00	0.00	3.53	1.00
46.00	4.02	0.18	0.00	0.00	3.56	1.00
47.00	4.12	0.18	0.00	0.00	3.59	1.00
48.00	4.23	0.18	0.00	0.00	3.53	1.00
49.00	4.34	0.18	0.00	0.00	3.58	1.00
50.00	4.46	0.19	0.00	0.00	3.55	1.00
51.00	4.60	0.19	0.00	0.00	3.63	1.00
52.00	4.76	0.20	0.00	0.00	3.54	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
53.00	4.96	0.22	0.00	0.00	3.60	1.00
54.00	5.20	0.24	0.00	0.00	3.53	1.00
55.00	5.50	0.27	0.00	0.00	3.66	1.00
56.00	5.84	0.31	0.00	0.00	3.70	1.00
57.00	6.24	0.35	0.00	0.00	3.89	1.00
58.00	6.73	0.41	0.00	0.00	4.06	1.00
59.00	7.39	0.49	0.00	0.00	4.07	1.00
60.00	11.95	1.31	0.00	0.00	4.76	1.00
61.00	13.26	1.42	0.00	0.00	5.54	1.00
62.00	13.86	1.40	0.00	0.00	5.61	1.00
63.00	14.23	1.34	0.00	0.00	5.52	1.00
64.00	14.59	1.28	0.00	0.00	5.61	1.00
65.00	14.80	1.19	0.00	0.00	5.54	1.00
66.00	15.01	1.12	0.00	0.00	5.49	1.00
67.00	15.22	1.05	0.00	0.00	5.38	1.00
68.00	15.43	0.99	0.00	0.00	5.05	1.00
69.00	15.58	0.92	0.00	0.00	4.98	1.00
70.00	15.72	0.86	0.00	0.00	4.99	1.00
71.00	15.86	0.81	0.00	0.00	4.98	1.00
72.00	16.00	0.76	0.00	0.00	4.79	1.00

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	0.28	26.40	0.00	0.00
2	0.28	57.80	0.00	0.00
3	0.28	60.00	0.00	0.00
4	0.28	60.20	0.00	0.00
5	0.28	60.80	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	5.63	63.40	0.00	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	1.76	0.00	1.65	0.00	0.11	0.00

Time (hr)	Rainfall (in)	Runoff (cfs)	Discharge (cfs)	Discharge (acre-ft)	Stage (ft NGVD)	Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00
20.00	0.97	0.03	0.00	0.00	0.74	1.00
21.00	1.02	0.03	0.00	0.00	0.87	1.00
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.00	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.00	3.53	1.00
36.00	2.02	0.09	0.00	0.00	3.54	1.00
37.00	2.09	0.09	0.00	0.00	3.57	1.00
38.00	2.16	0.09	0.00	0.00	3.50	1.00
39.00	2.23	0.10	0.00	0.00	3.54	1.00
40.00	2.30	0.10	0.00	0.00	3.60	1.00
41.00	2.38	0.10	0.00	0.00	3.55	1.00
42.00	2.45	0.10	0.00	0.00	3.52	1.00
43.00	2.52	0.10	0.00	0.00	3.49	1.00
44.00	2.59	0.11	0.00	0.00	3.57	1.00
45.00	2.66	0.11	0.00	0.00	3.56	1.00
46.00	2.73	0.11	0.00	0.00	3.55	1.00
47.00	2.80	0.11	0.00	0.00	3.54	1.00
48.00	2.87	0.11	0.00	0.00	3.55	1.00
49.00	2.95	0.12	0.00	0.00	3.55	1.00
50.00	3.03	0.12	0.00	0.00	3.57	1.00
51.00	3.13	0.12	0.00	0.00	3.51	1.00
52.00	3.23	0.13	0.00	0.00	3.56	1.00
53.00	3.37	0.14	0.00	0.00	3.54	1.00
54.00	3.54	0.16	0.00	0.00	3.57	1.00
55.00	3.74	0.18	0.00	0.00	3.57	1.00
56.00	3.97	0.20	0.00	0.00	3.54	1.00
57.00	4.24	0.23	0.00	0.00	3.51	1.00
58.00	4.58	0.27	0.00	0.00	3.61	1.00
59.00	5.02	0.32	0.00	0.00	3.66	1.00
60.00	8.12	0.87	0.00	0.00	4.33	1.00
61.00	9.01	0.95	0.00	0.00	4.95	1.00
62.00	9.42	0.93	0.00	0.00	5.04	1.00
63.00	9.67	0.89	0.00	0.00	5.01	1.00
64.00	9.91	0.85	0.00	0.00	4.94	1.00
65.00	10.06	0.80	0.00	0.00	4.90	1.00
66.00	10.20	0.75	0.00	0.00	4.67	1.00
67.00	10.34	0.70	0.00	0.00	4.57	1.00
68.00	10.49	0.66	0.00	0.00	4.53	1.00
69.00	10.58	0.62	0.00	0.00	4.53	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
70.00	10.68	0.58	0.00	0.00	4.47	1.00
71.00	10.78	0.54	0.00	0.00	4.48	1.00
72.00	10.87	0.51	0.00	0.00	4.35	1.00

Structure: 11

From Basin: Site

To Basin: Offsite1

Structure Type: Pump

On Elev = 8.5 ft NGVD, Off Elev = 8.5 ft NGVD, Capacity = 125 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.00	0.05	0.00	0.00	0.00	0.00	1.00
2.00	0.10	0.00	0.00	0.00	0.00	1.00
3.00	0.15	0.00	0.00	0.00	0.00	1.00
4.00	0.19	0.00	0.00	0.00	0.00	1.00
5.00	0.24	0.00	0.00	0.00	0.00	1.00
6.00	0.29	0.00	0.00	0.00	0.00	1.00
7.00	0.34	0.00	0.00	0.00	0.00	1.00
8.00	0.39	0.00	0.00	0.00	0.01	1.00
9.00	0.44	0.00	0.00	0.00	0.02	1.00
10.00	0.49	0.01	0.00	0.00	0.04	1.00
11.00	0.54	0.01	0.00	0.00	0.07	1.00
12.00	0.58	0.01	0.00	0.00	0.11	1.00
13.00	0.63	0.01	0.00	0.00	0.15	1.00
14.00	0.68	0.02	0.00	0.00	0.21	1.00
15.00	0.73	0.02	0.00	0.00	0.27	1.00
16.00	0.78	0.02	0.00	0.00	0.35	1.00
17.00	0.83	0.02	0.00	0.00	0.43	1.00
18.00	0.88	0.03	0.00	0.00	0.52	1.00
19.00	0.92	0.03	0.00	0.00	0.63	1.00
20.00	0.97	0.03	0.00	0.00	0.74	1.00
21.00	1.02	0.03	0.00	0.00	0.87	1.00
22.00	1.07	0.04	0.00	0.00	1.00	1.00
23.00	1.12	0.04	0.00	0.00	1.14	1.00
24.00	1.17	0.04	0.00	0.00	1.29	1.00
25.00	1.24	0.05	0.00	0.00	1.45	1.00
26.00	1.31	0.05	0.00	0.00	1.63	1.00
27.00	1.38	0.06	0.00	0.00	1.83	1.00
28.00	1.45	0.06	0.00	0.00	2.04	1.00
29.00	1.52	0.07	0.00	0.00	2.27	1.00
30.00	1.59	0.07	0.00	0.00	2.51	1.00
31.00	1.66	0.07	0.00	0.00	2.77	1.00
32.00	1.74	0.08	0.00	0.00	3.05	1.00
33.00	1.81	0.08	0.00	0.00	3.33	1.00
34.00	1.88	0.08	0.00	0.00	3.53	1.00
35.00	1.95	0.09	0.00	0.00	3.53	1.00
36.00	2.02	0.09	0.00	0.00	3.54	1.00
37.00	2.09	0.09	0.00	0.00	3.57	1.00
38.00	2.16	0.09	0.00	0.00	3.50	1.00
39.00	2.23	0.10	0.00	0.00	3.54	1.00
40.00	2.30	0.10	0.00	0.00	3.60	1.00
41.00	2.38	0.10	0.00	0.00	3.55	1.00
42.00	2.45	0.10	0.00	0.00	3.52	1.00
43.00	2.52	0.10	0.00	0.00	3.49	1.00
44.00	2.59	0.11	0.00	0.00	3.57	1.00
45.00	2.66	0.11	0.00	0.00	3.56	1.00
46.00	2.73	0.11	0.00	0.00	3.55	1.00
47.00	2.80	0.11	0.00	0.00	3.54	1.00
48.00	2.87	0.11	0.00	0.00	3.55	1.00
49.00	2.95	0.12	0.00	0.00	3.55	1.00
50.00	3.03	0.12	0.00	0.00	3.57	1.00
51.00	3.13	0.12	0.00	0.00	3.51	1.00
52.00	3.23	0.13	0.00	0.00	3.56	1.00

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
53.00	3.37	0.14	0.00	0.00	3.54	1.00
54.00	3.54	0.16	0.00	0.00	3.57	1.00
55.00	3.74	0.18	0.00	0.00	3.57	1.00
56.00	3.97	0.20	0.00	0.00	3.54	1.00
57.00	4.24	0.23	0.00	0.00	3.51	1.00
58.00	4.58	0.27	0.00	0.00	3.61	1.00
59.00	5.02	0.32	0.00	0.00	3.66	1.00
60.00	8.12	0.87	0.00	0.00	4.33	1.00
61.00	9.01	0.95	0.00	0.00	4.95	1.00
62.00	9.42	0.93	0.00	0.00	5.04	1.00
63.00	9.67	0.89	0.00	0.00	5.01	1.00
64.00	9.91	0.85	0.00	0.00	4.94	1.00
65.00	10.06	0.80	0.00	0.00	4.90	1.00
66.00	10.20	0.75	0.00	0.00	4.67	1.00
67.00	10.34	0.70	0.00	0.00	4.57	1.00
68.00	10.49	0.66	0.00	0.00	4.53	1.00
69.00	10.58	0.62	0.00	0.00	4.53	1.00
70.00	10.68	0.58	0.00	0.00	4.47	1.00
71.00	10.78	0.54	0.00	0.00	4.48	1.00
72.00	10.87	0.51	0.00	0.00	4.35	1.00

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	0.28	34.00	0.00	0.00
2	0.28	60.00	0.00	0.00
3	0.28	60.40	0.00	0.00
4	0.28	61.40	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	5.08	63.40	0.00	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	1.13	0.00	1.04	0.00	0.10	0.00

Hydrant Flow Test Procedure

Procedure For One & Two Flow Hydrant Test:

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

Legend:

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

K. Architecture

Date:	6/20/23	Time:	1:30pm	Static Pressure -	▶	60psi
Residual/Static Hydrant		Address/Location		Residual Pressures		
P - Hydrant FH003731	230 S 28th Ave	F-1 Only		F-2 Only		
		60psi		60psi		
		F-1& F-2		▶		60psi
Flow Hydrants		Address/Location		Flow Rate		
F-1 Hydrant (Individual) FH003732	2800 Hollywood Blvd				GPM	
					1130	
F-2 Hydrant (Individual) FH003757	2718 Van Vanburen St				GPM	
					1060	
F-1 Hydrant (Both Flowing)					GPM	
					1100	
F-2 Hydrant (Both Flowing)					GPM	
					1030	

MEMORANDUM

To: Rick Mitinger, P.E.
 From: Karl Peterson, P.E.
 Date: July 12, 2023
 Subject: 2750 Van Buren Street
 Traffic Impact Study Methodology

2750 Van Buren Street is a proposed residential development (4-story multifamily) to be located in the southeast quadrant of the intersection at Van Buren Street and S. 28th Avenue in Hollywood, Broward County, Florida. The existing development on the site consists of an 8,055 square foot church and one (1) single-family residence. The proposed development program consists of 145 multifamily dwelling units. Vehicular access to the site will be provided by three (3) driveways on Van Buren Street. The buildout year is projected to be 2025. A preliminary floor plan is presented in Attachment A. The following is the traffic study methodology for this proposed development.

- The trip generation analysis will be based upon the Institute of Transportation Engineers (ITE) *Trip Generation Manual (11th Edition)*. A preliminary estimate of project traffic is presented below:

Land Use	Size	Daily Trips	AM Peak Hour Trips			PM Peak Hour Trips		
			In	Out	Total	In	Out	Total
Existing								
Single-Family Housing	1 DU	9	0	1	1	1	0	1
Church	8,055 SF	94	1	0	1	4	4	8
Total		103	1	1	2	5	4	9
Proposed								
Residential - (MF - Mid-Rise)	145 DU	645	12	40	52	35	22	57
Total		645	12	40	52	35	22	57
Difference (Proposed - Existing)		542	11	39	50	30	18	48

Source: KBP Consulting, Inc., July 2023.
 Institute of Transportation Engineers (ITE) *Trip Generation Manual (11th Edition)*.

- The trip distribution will be based upon the existing nearby land uses, the prevailing traffic patterns within the study area, and transportation network in the vicinity of the project site.

- The subject traffic study will evaluate the following intersections during the typical AM and PM peak periods:
 - S. 28th Avenue and Van Buren Street (unsignalized)
 - S. 26th Avenue and Van Buren Street / Hollywood Boulevard (signalized)
 - Van Buren Street and Future Driveway Locations

These intersection locations are presented graphically in Attachment B.

- Traffic counts will be performed at the study intersections on a typical weekday during the AM peak period (7:00 AM to 9:00 AM) and the PM peak period (4:00 PM to 6:00 PM).
- Traffic counts will be adjusted to reflect average peak season conditions based upon the most recent available FDOT adjustment factors.
- A growth factor will be applied to the traffic counts to reflect future traffic conditions at project build-out. The growth factor will be based upon historical traffic data available for the area near the project site. A minimum annual growth rate of 1.0% will be applied.
- Traffic analysis figures will be prepared for the following trip scenarios for each of the intersections analyzed:
 - Existing traffic
 - Proposed project traffic distribution
 - Future background (w/out project traffic) conditions for buildout year
 - Future total (with project traffic) conditions for buildout year
- Intersection analyses will be conducted using the Synchro software for existing conditions, future conditions without the project, and future conditions with the proposed project in place.
- All traffic data obtained and supporting traffic analysis information for this project will be included in the Appendix of the traffic study.

Attachment A

Preliminary Floor Plan

Attachment B

Traffic Count Locations

Attachment B

2750 Van Buren Street – Data Collection Sites

