



**APPENDIX 1- APPLICATION FOR A WAIVER OF THE
BROWARD COUNTY TRAFFICWAYS PLAN
DEDICATION REQUIREMENTS**

THE FOLLOWING INFORMATION MUST BE PROVIDED TO THE BROWARD COUNTY PLANNING COUNCIL BEFORE A WAIVER OF THE BROWARD COUNTY TRAFFICWAYS PLAN WILL BE ACCEPTED FOR PROCESSING.

1. APPLICANT INFORMATION

- A. Name, title, address, telephone and facsimile number for the owner(s) of the subject parcel.

Owner: ZJB PROPERTIES II LLC

Manager: Steve Feiger

Property Address: 4400 N OCEAN DR, Hollywood, FL 33019

Mailing Address: 8150 N Lehigh Ave, Morton Grove, IL 60053

Phone Number: 773-706-0399

- B. Name, title, address, telephone and facsimile number for the applicant or agent.

Agent: Ryan Horland, Esq.

Tripp Scott, P.A.

Address: 110 SE 6th Street, 15th Floor, Fort Lauderdale, FL 33301

Phone Number: 954-765-2906

- C. Applicant's rationale for the request. The Planning Council requests a condensed version suitable for inclusion in the Planning Council's staff report.

The Feiger's are constructing a single-family residence on a residential lot. The construction of the Feiger's residence will not substantially increase traffic on A1A and does not require the widening of A1A to accommodate any traffic increases. We are not aware of any current or future County, City or FDOT plans to widen this section of A1A. Additionally, this portion of A1A would be difficult for future widening due to existing improvements, proximity of the intracoastal and the existence of multiple state and county parks and conservation areas.

2. APPLICATION FEE

Please contact the Planning Council office for information regarding the current fee.

The project qualifies for a waiver of the associated fee per Broward County Trafficways Plan, Article 2, Section 2.1(B), as it is for a single-family residence on a single-family lot.

3. LOCAL GOVERNMENT INFORMATION

- A. Name of subject municipality.
City of Hollywood
- B. Recommendation of the subject municipality regarding the proposed waiver.
The City has not provided a recommendation at this time

4. SUPPORT INFORMATION

- A. Survey of subject parcel.
Survey is attached (Exhibit A)
- B. Precise description of the requested waiver. Include graphics/maps as necessary to illustrate.

This waiver requests that for this single-family residential parcel of land, the trafficways plan requirement of an approximate 10 feet of right of way be waived, allowing for the currently existing 60 foot right of way at this portion of the road to be maintained. The Trafficways Plan requires for this segment of A1A to have an 80 foot right of way, however, there does not appear to be any current or future plans to widen the right of way at this time. Additionally, future widening of this portion of A1A would be difficult for the reasons stated above and through our research it does not appear that all the properties both north and south of the site had dedicated or were required to dedicate the right of way necessary for an 80 foot right of way. (See Exhibit B attached)

- C. Detailed description of the existing and proposed use of the subject parcel. *Planning Council staff will utilize this information to analyze net projected average daily traffic impacts as per Institute of Transportation Engineers methodologies.*

The subject parcel is currently a vacant residential lot. The proposed use is for the construction of a single-family residential structure for the owners to use.

- D. Plat and/or site plan of subject parcel.
Site plans are attached (Exhibit C)
- E. A description of why the proposed development could not be located within the subject parcel consistent with the Trafficways Plan requirement.

If the proposed single-family home were to be developed within the smaller limits indicated by the Trafficways Plan, it would significantly decrease the size of the building footprint which is already on a smaller lot off the intracoastal. This requires the driveway, lift station, and planned second story to be recessed 10 feet minimum on top of taking into account the City's setback regulations. With decreasing usable space on the lot, it also interferes with the property's ability to

store and treat the required amounts of stormwater on the site, especially since the City has recognized this area of Hollywood as one with stormwater and drainage challenges.

- F. A description of the existing and planned future land uses, per the effective municipal land use plan, in the vicinity of the subject parcel.

The subject parcel's municipal land use is Medium High (25) Residential. To the north and south of the subject parcel the land use is Open Space and Recreation and to the East of A1A the land use is Conservation.

- G. Proposed waivers of Trafficways Plan segments also identified as "State Principal Arterial" or "State Minor Arterial" on the current Broward County State Highway Functional Classification Map must be accompanied by a position statement from the District IV Secretary of the Florida Department of Transportation.

This section of A1A between Sheridan St and Dania Beach Blvd, is identified as a state collector roadway by the Trafficways Plan, thus a positional statement is not required.

- H. Describe impacts the waiver may have on corridor ingress and egress relative to adjacent properties.

The adjacent properties are both parks/green spaces. The construction of a single-family residence between these two properties should not impact the ingress and egress of this portion of A1A.

- I. Provide the current Broward County Five (5) Year and Adopted Long Range Transportation Plan average daily traffic volumes, roadway capacities, and levels of service for the subject Trafficways Plan segment. The above referenced information is available at the Broward Metropolitan Planning Organization.

2024 AADT 10,200

2020 Roadway Capacity: 17,700

2020 Level of Service: C

(See Exhibit D attached)

- J. Indicate what improvements are programmed or planned for the subject Trafficways Plan segment including intersection improvements. Indicate the year of the programmed or planned improvement(s).

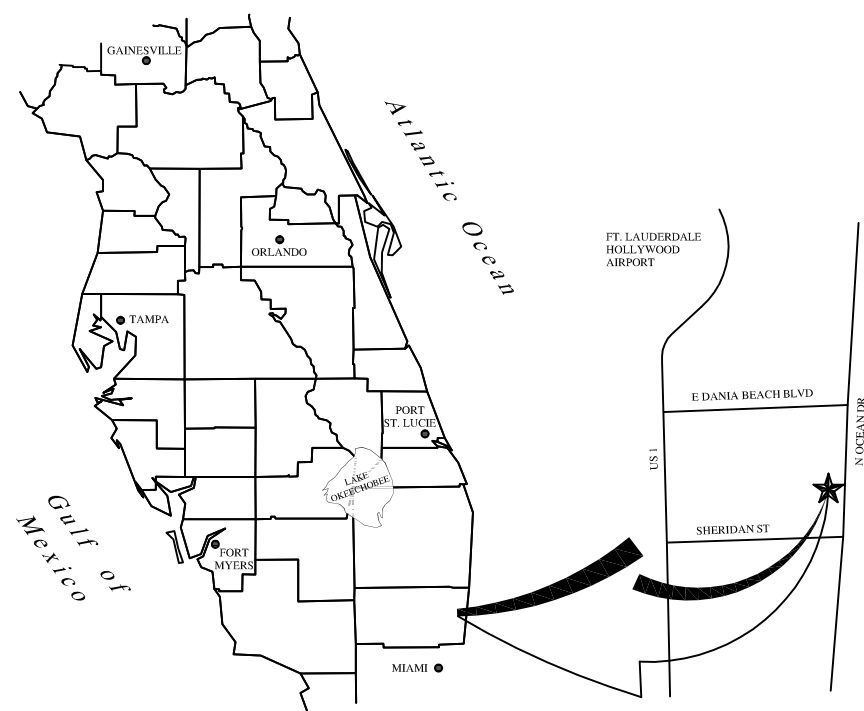
We have not found any improvements programmed or planned that would widen the corridor for this subject Trafficways Plan segment.

- K. Describe impacts the waiver may have on transit, bicycle, or pedestrian travel.

The waiver should not affect transit, bicycle, or pedestrian travel as the existing sidewalks and streets will remain the same. Construction of the residence would

slightly increase traffic as residents of the single-family home enter or leave the driveway.

Exhibit A

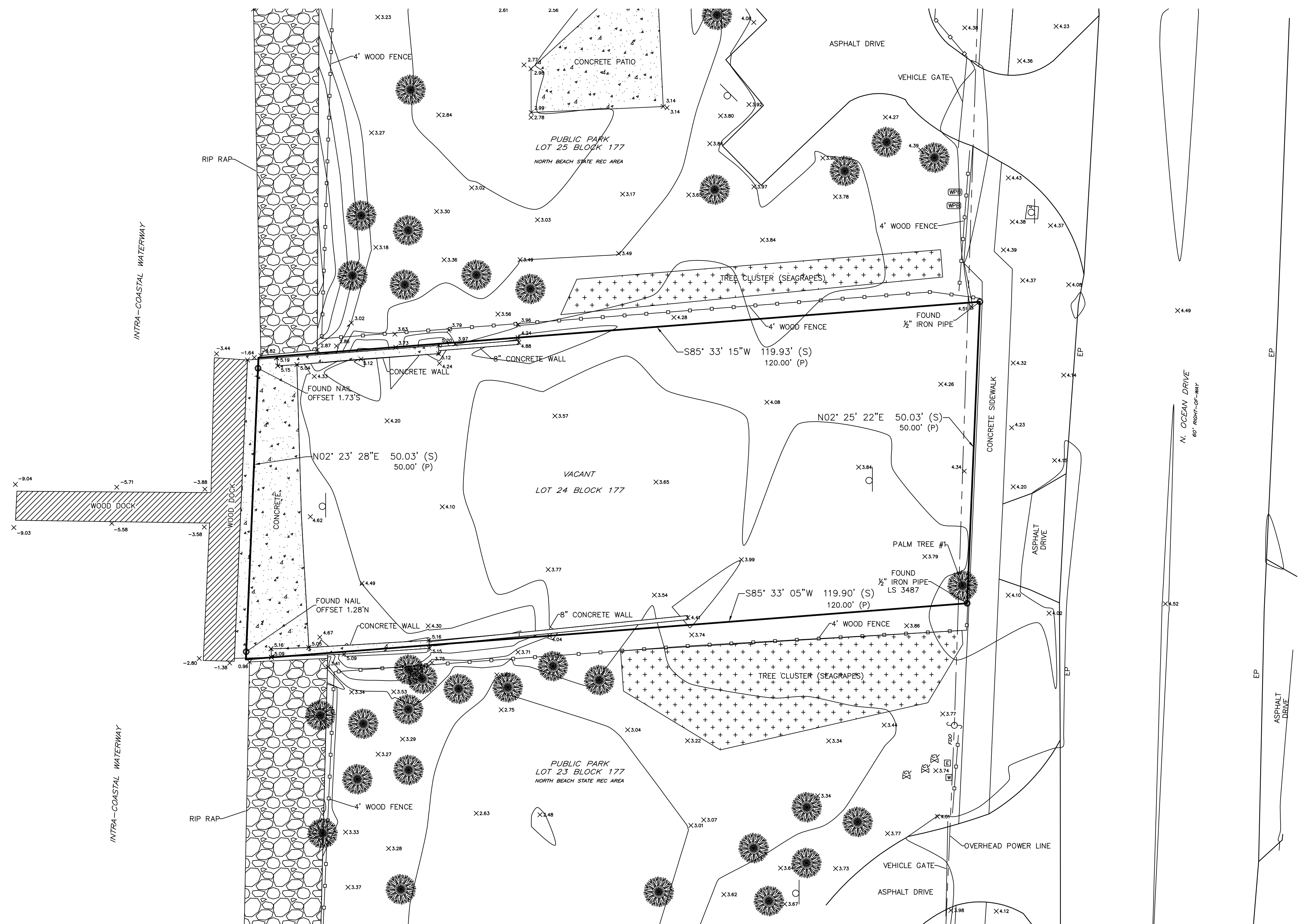


NOTES:

- 1) *Current title information on the subject property had not been furnished to NV5 at the time of this survey, and is subject to title review and/or abstract. NV5 makes no representations or guarantees pertaining to easements, rights-of-way, set back lines, reservations, agreements, and other similar matters.*
- 2) *This survey is limited to above ground visible improvements along and near the boundary lines, except as shown hereon, and that nothing below the ground was located including, but not limited to foundations (footings), utilities, etc.*
- 3) *Bearings shown hereon are based on the West Right-of-Way line of North Ocean Drive, Broward County, Florida, having a Grid bearing of N 02° 25' 22" E . The Grid Bearings as shown hereon refer to the State Plane Coordinate System, North American Horizontal Datum of 1983 (NAD 83-2011 Adjustment) for the East Zone of Florida.*
- 4) *All dimensions, unless otherwise noted, are survey dimensions.*
- 5) *The subject parcel lies in Flood Zone "AE (EL 5)", according to Flood Insurance Rate Map, Map No. 12011C0586H for City of Hollywood, Community No. 125113 , Broward County, Florida, dated August 18, 2014 and issued by the Federal Emergency Management Agency. Lines shown, if any, have been digitally translated from DFRM database information supplied by the FEMA Map Service Center (<https://msc.fema.gov>).*
- 6) *Elevations shown hereon are based on the NGS Benchmark "DANIA 3", PID: AD7811 having a published elevation of 20.75 feet, relative to the North American Vertical Datum of 1988 (NAVD 88).*
- 7) *Use of this survey for purposes other than intended, without written authorization, will be at the user's sole risk and without liability to the surveyor. Nothing hereon shall be construed to give any rights or benefits to anyone other than those certified to.*
- 8) *This survey is intended to be displayed at a scale of 1" = 10'.*
- 9) *Additions or Deletions to survey maps or reports by other than the signing party or parties is prohibited without the written consent of the signing party or parties.*
- 10) *On this drawing, certify means to state or declare a professional opinion of conditions regarding those findings or facts which are the subject of the certification and does not constitute a warranty or guarantee, either implied or expressed. This certification is only for the lands as described. This certification is not a certificate of title, easements, zoning, or freedom of encumbrances.*
- 11) *The lands described hereon may contain lands that are considered environmentally sensitive wetlands that are subject to claim or restriction by one or more of the following agencies: Army Corp. of Engineers, a local Florida Water Management District, or the Department of Environmental Protection (D.E.P.). Wetland lines and areas, if any, are not shown hereon.*
- 12) *The surface shown hereon is certified to 24004.20 4400 N Ocean Dr.dwg*







LEGAL DESCRIPTION:

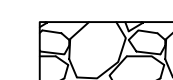
LOT 24, BLOCK 177, HOLLYWOOD CENTRAL BEACH, according to the Plat thereof, as recorded in Plat Book 4, Page 20, of the Public Records of Broward County, Florida.



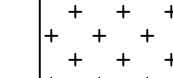
LEGEND:

Tree Table			
PALM TREE#1	CALIPER (AT BREAST HEIGHT= 7 INCHES)	HEIGHT= 52 INCHES	SPREAD= 9' WIDTH

- (S) ---- Surveyed Dimension
(P) ---- Plat Dimension
FDO ---- For Direction Only
EP ---- Edge of Pavement
----- Overhead Power Line
----- Wood Fence
- | | | | |
|---|--------------------------|---|---------------|
|  | Irrigation Control Valve |  | Sign |
|  | Electric Junction Box |  | Light Pole |
|  | Water Meter |  | Wire Pull Box |



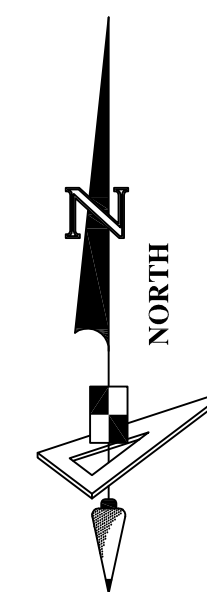
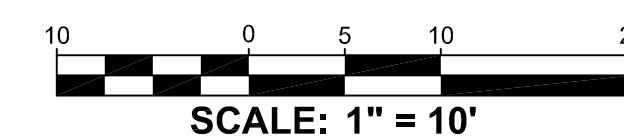
Rock




Vege



free



CREW #1 PARTY CHIEF: RP		Revisions				Surveyor's Certification				THIS SURVEY IS VALID ONLY WITH A SIGNATURE & ORIGINAL SEAL IN HARD COPY FORM, OR A DIGITAL SEAL IN ELECTRONIC FORM, PURSUANT TO 5A-17-060 AND 5A-17-092, SECTION 472.027 OF THE FLORIDA STATUTES.				Survey is Certified To: ZJB Properties II LLC				<div></div> <div>6200 LEE VISTA BLVD, SUITE 400 ORLANDO, FL OFFICE: (407) 896-3317 FAX: (407) 896-9167 WWW.NIVIS.COM LICENSE BUSINESS NO.: LB 8246</div>				<div><i>Boundary and Topographic Survey</i> of 4400 N Ocean Dr Hollywood, FL</div> <div>Section 1, Township 51 South, Range 42 East, Broward County, Florida</div>				<div>JOB: 24004.20 DRAWN BY: JJ DATE: 01/24/2024 UDAR CREW: DATE: SURFACE BY: H.DATUM: FL-East NAD(83)-2011 V.DATUM: NAVD (1988) OFC CHECK: --- FLD CHECK: --- SHEET: 01 of 01</div>			
FIELD BOOK: -----	DATE	DESCRIPTION	DRAWN	P.CHIEF	I do hereby certify that this survey was made under my supervision and meets the "Standards of Practice" set forth by the Florida Board of Professional Surveyors and Planners stated in Rules 5A-17.051, 5A-17.052, and 5A-17.053, Florida Administrative Code, pursuant to section 427.027 of the Florida Statutes.																								
DATA FILE: -----	7/7/2025	UPDATE BOUNDARY WITH TREE TABLE	WM	JG																									
CREW #2 PARTY CHIEF:																													
FIELD BOOK:																													
DATA FILE:																													
CREW #3 PARTY CHIEF:																													
FIELD BOOK:					FIELD SURVEY DATE: July 2, 2025				Clinton N. Rickner, P.S.M.				LS 7409																
DATA FILE:	FILE PATH: S:\JOB\2024\24004.20 4400 N OCEAN DR\DWG\24004.20 4400 N OCEAN DR - COPY.DWG PLOTTED BY: CLINT RICKNER ON: 7/7/2025 3:07 PM LAST SAVED BY: CLINTR ON: 7/7/2025 2:44 PM																												

BROWARD COUNTY TRAFFICWAYS PLAN

LEGEND

Classification	Symbol	R/W
Limited Access/ Controlled		325'
Arterial		200'
		144'
		120'
		110'
		106'
		100'
Collector		94'
		80'
		70'
One-Way Pair		54'
		42'
Irregular Designation		0.0'
Context Sensitive Corridor		Subject to Specific Plans

AREA PLANNING BOARD Adoption Dates

North: 10/9/62 Southeast: 11/7/63
Central: 9/11/62 Southwest: 4/17/69

GENERAL NOTES

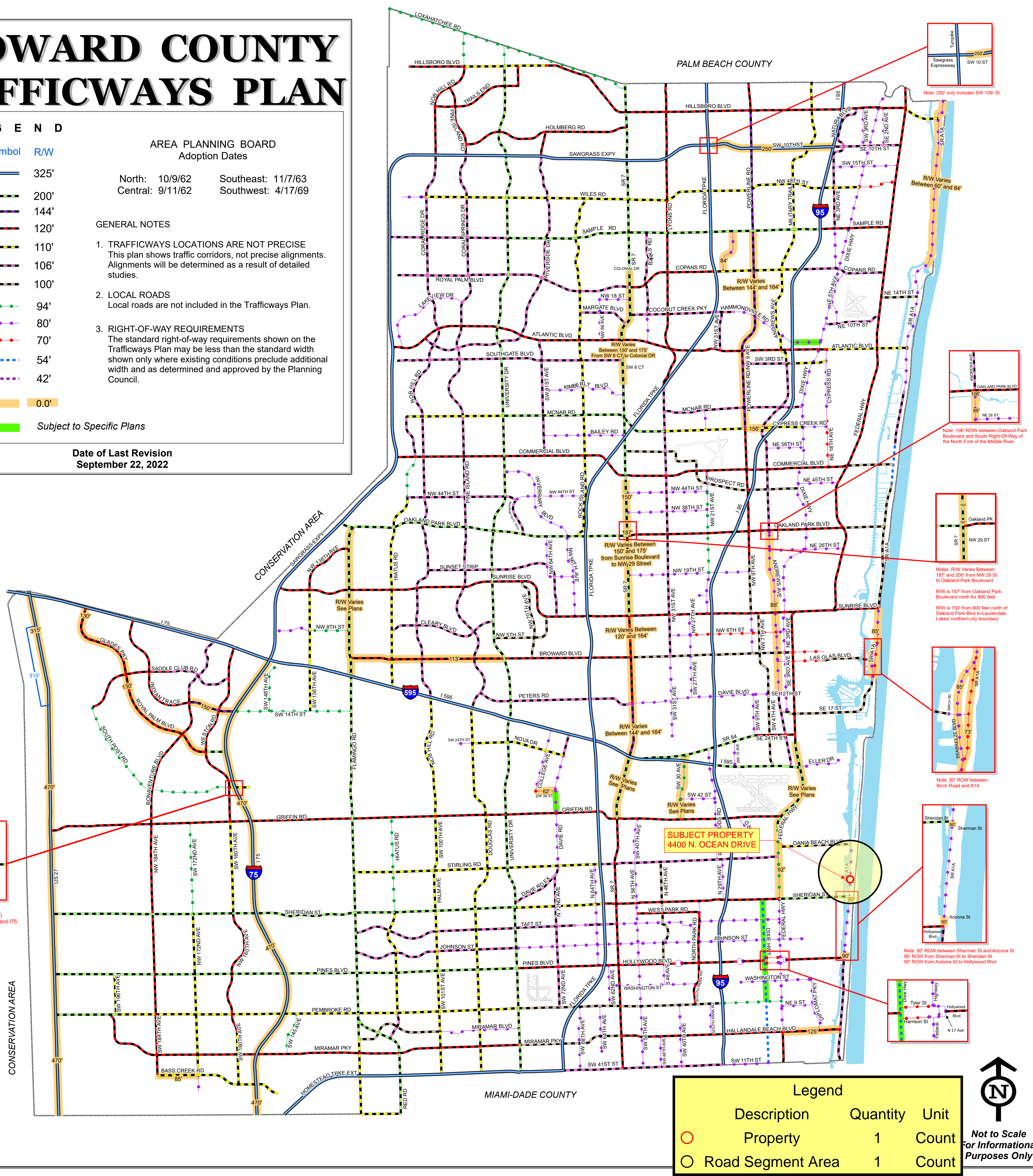
1. TRAFFICWAYS LOCATIONS ARE NOT PRECISE
This plan shows traffic corridors, not precise alignments. Alignments will be determined as a result of detailed studies.

2. LOCAL ROADS
Local roads are not included in the Trafficways Plan.

3. RIGHT-OF-WAY REQUIREMENTS
The standard right-of-way requirements shown on the Trafficways Plan may be less than the standard width shown only where existing conditions preclude additional width and as determined and approved by the Planning Council.

Date of Last Revision
September 22, 2022

Note: S. Post Road (SW 36 ST) is 110' between Weston Road and 175



Legend

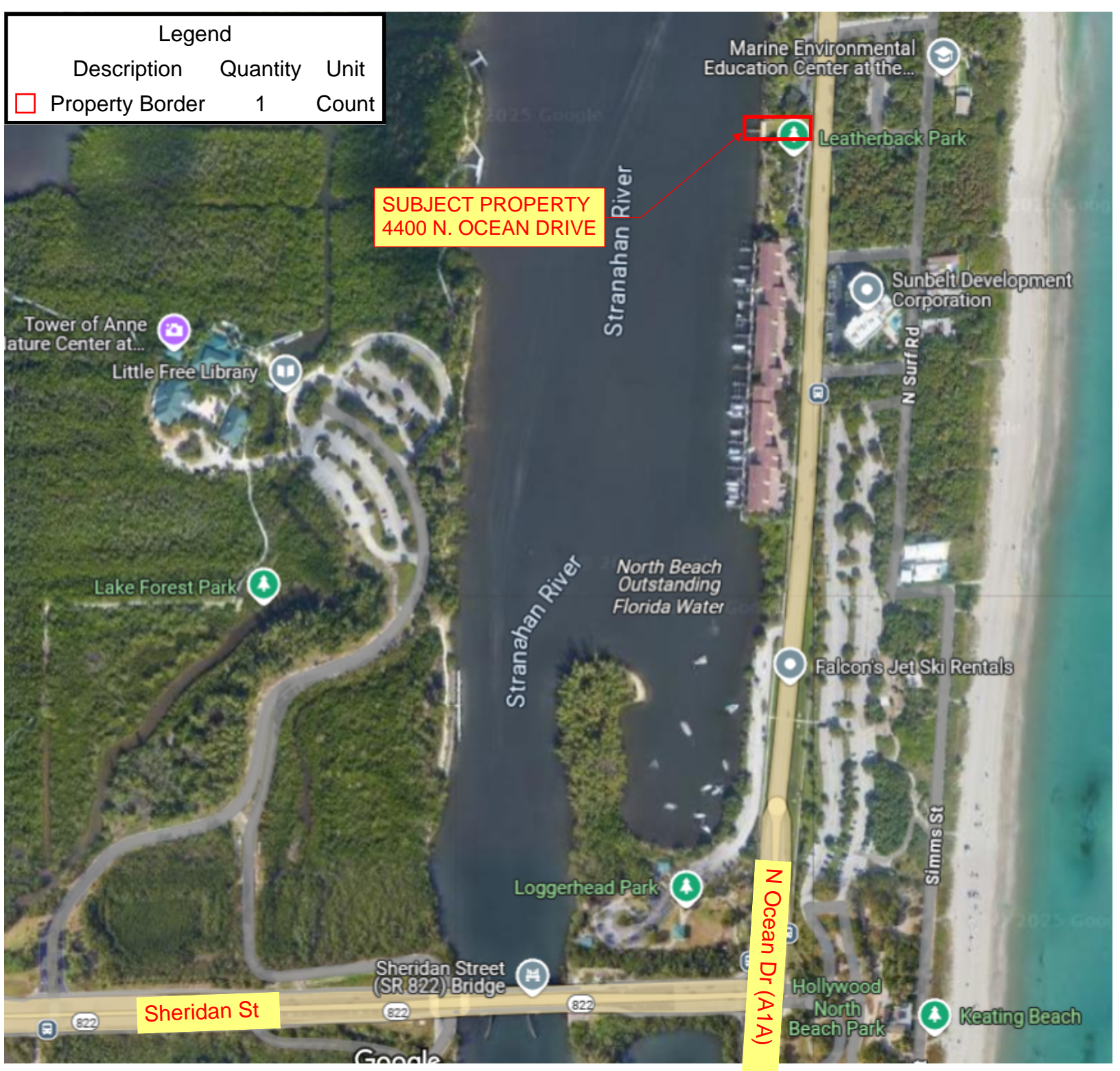
Description	Quantity	Unit
Property	1	Count
Road Segment Area	1	Count

Not to Scale
For Informational
Purposes Only

Legend

Description	Quantity	Unit
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 Property Border	1	Count
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SUBJECT PROPERTY
4400 N. OCEAN DRIVE

Marine Environmental
Education Center at the...



Leatherback Park

Sunbelt Development
Corporation

N Surf Rd

Falcon's Jet Ski Rentals

Simms St

Stranahan River

North Beach
Outstanding
Florida Water

Loggerhead Park

Sheridan Street
(SR 822) Bridge

Sheridan St

N Ocean Dr (A1A)

Hollywood
North
Beach Park



Keating Beach

SITE UTILITY NOTES:

- ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
6" & 8", PVC ASTM D 3034, RATED SDR 35 UNLESS OTHERWISE SPECIFIED BY THE UTILITY COMPANY
- WATER LINES SHALL BE AS FOLLOWS, UNLESS OTHERWISE DEPICTED ON PLANS:
4" TO 16", PVC AWWA C900, RATED DR-18 (CLASS 150)
4" TO 16", DIP, AWWA C151, PRESSURE CLASS 350 (4"-12"), PRESSURE CLASS 250 (14"-16")
3" OR SMALLER, PVC ASTM D 2441, WITH SDR 21 RATING
- MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-0" COVER ON ALL WATERLINES AND SANITARY SEWER.
- TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS, AND TO BE ONE FOOT ABOVE UNPAVED GROUND ELEVATIONS WITH WATER TIGHT LIDS.
- EXISTING UTILITIES HAVE BEEN FIELD VERIFIED, HOWEVER, EXISTING UTILITIES SHALL BE RE-VERIFIED IN FIELD, BY THE CONTRACTOR, PRIOR TO INSTALLATION OF ANY NEW LINES
- REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE CITY OF HOLLYWOOD WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
- ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICES.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- ALL WATER JOINTS ARE TO BE MECHANICAL RESTRAINED JOINTS AS CALLED OUT IN SPECIFICATIONS.
- IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER MAINS, SANITARY MAINS, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING, THE WATER LINE SHALL HAVE MECHANICAL RESTRAINED JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE. MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
- ALL SANITARY LATERALS SHALL BE SLOPED AT A MINIMUM OF 1.00%.
- WHEN ANY ROOTS OF EXISTING TREES ARE ENCOUNTERED DURING LAND CLEARING AND/OR GRADING OF THE SITE THE ROOTS MUST BE CUT OFF EVENLY WITH CLEAN SHARP PRUNING TOOLS. CONTRACTOR SHALL MINIMIZE DAMAGE TO TREE ROOT SYSTEM.
- A MINIMUM OF 5 FT SEPARATION SHALL BE PROVIDED BETWEEN THE UNDERGROUND UTILITIES AND ANY PROPOSED LARGE CANOPY TREES.

SITE GRADING NOTES:

- CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
- PRECAST STRUCTURES MAY BE USED AT CONTRACTORS OPTION.
- EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- STORM PIPE SHALL BE PER MASTER SITE SPECIFICATIONS SECTION 02400-02401.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
- ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
- THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED.
- ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
- ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT. FROM INVERT IN TO INVERT OUT.
- TOPOGRAPHIC INFORMATION IS TAKEN FROM A TOPOGRAPHIC SURVEY BY NV5, INC. IF THE CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY, AT THEIR EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR TO THE OWNER FOR REVIEW.
- ALL EXISTING MANHOLE RIMS TO BE FLUSH WITH FINISHED GRADE. CONTRACTOR TO INSTALL MANHOLE RISERS OR ADJUST EXISTING FRAMES AS NECESSARY.
- EXISTING GRATE ELEVATIONS TO REMAIN, WHERE PAVEMENT OVERLAY IS TO BE PLACED, FEATHER OVERLAY TO MATCH EXISTING GRATE ELEVATION TO FORM A SMOOTH TRANSITION.
- UNLESS OTHERWISE SPECIFIED, SPOT ELEVATIONS ADJACENT TO CURBS REPRESENT EDGE OF PAVEMENT ELEVATIONS.
- CONTRACTOR TO MATCH EXISTING GRADE AT LIMITS OF DISTURBANCE, AS DEPICTED ON SWPPP SITE MAPS.

SITE PREP NOTES:

1. GEOTECHNICAL SITE PREPARATION FOR CONSTRUCTION SHOULD CONSIST OF REMOVAL OF ALL EXISTING STRUCTURES, FOUNDATIONS, PAVEMENTS, UNDERGROUND UTILITIES, AND OTHER DELETERIOUS MATERIALS WITHIN THE PROPOSED FOUNDATION FOOTPRINTS PLUS A FIVE-FOOT PERIMETER WHERE POSSIBLE. ANY VOIDS CREATED BY THE REMOVAL OF THESE DELETERIOUS MATERIALS SHOULD BE PROPERLY BACKFILLED AS DESCRIBED IN THE PARAGRAPHS BELOW.

WHERE OLD SPREAD OR OTHER FOUNDATIONS ARE ENCOUNTERED, THEY SHOULD BE REMOVED AND REPLACED WITH COMPACTED FILL IF THEY INTERFERE WITH NEW FOUNDATIONS OR UTILITIES. IF THE OLD FOUNDATIONS DO NOT INTERFERE WITH NEW CONSTRUCTION THEY COULD BE LEFT IN PLACE. BACKFILLING OF OLD FOUNDATION EXCAVATIONS SHOULD BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS PROVIDED IN THIS REPORT.

AFTER PREPARATION AS DESCRIBED ABOVE, AREAS FOR STRUCTURES THAT WILL HAVE PAVEMENTS ON GRADE SHOULD BE PROOF-ROLLED. PROOF ROLLING SHOULD INCLUDE PLANNED DEVELOPMENT FOOTPRINTS PLUS A FIVE-FOOT PERIMETER. THE DENSIFICATION SHOULD BE OBSERVED BY NV5 TO IDENTIFY AND MITIGATE ANY WEAK SUBGRADE CONDITIONS EVIDENCED BY YIELDING OR RUTTING AT THE WHEELS OF THE COMPACTOR.

2. NEW STRUCTURAL FILL SHOULD CONSIST OF EITHER INORGANIC, NON-PLASTIC SAND HAVING LESS THAN 10 PERCENT MATERIAL PASSING THE NO. 200 SIEVE, OR CRUSHED LIMESTONE WITH A MAXIMUM ROCK SIZE OF SIX (6) INCHES. IN PARTICULAR, FILL SOILS PLACED WITHIN THE UPPER 12 INCHES OF THE SUBGRADE OF BUILDING SLABS ON GRADE SHOULD CONSIST OF EITHER SAND WITH LESS THAN 10 PERCENT PASSING THE NUMBER 200 SIEVE, OR CRUSHED LIMESTONE WITH A MAXIMUM PARTICLE SIZE OF THREE (3) INCHES.

BASED ON OUR BORING DATA, LAYER 1 THAT CONSISTS OF SANDS AND LIMESTONE FRAGMENTS SHOULD SATISFY THE FILL CRITERIA. THE MATERIALS MIGHT REQUIRE LOCALIZED SORTING AND MOISTURE-CONDITIONING PRIOR TO RE-USE. TOPSOIL, PEAT, AND SILT MATERIALS, AND SAND WITH ORGANICS SHOULD NOT BE USED AS STRUCTURAL FILL. IN ANY EVENT, REPRESENTATIVE SAMPLES OF THE FILL SOILS SHOULD BE COLLECTED FOR CLASSIFICATION AND COMPACTION TESTING. THE MAXIMUM DRY DENSITY, OPTIMUM MOISTURE CONTENT, GRADATION, AND PLASTICITY SHOULD BE DETERMINED. THESE TESTS ARE NEEDED FOR QUALITY CONTROL OF THE COMPACTED FILL.

3. FILL SOILS SHOULD BE PLACED WITH LOOSE LIFT THICKNESSES OF NOT MORE THAN 12-INCHES, MOISTURE- CONDITIONED TO WITHIN TWO (2) PERCENT OF THE OPTIMUM MOISTURE CONTENT BASED ON ASTM D-1557, AND COMPACTED TO A MINIMUM 95 PERCENT RELATIVE COMPACTION. ONE TEST SHOULD BE PERFORMED FOR EACH 2,500 SQUARE FEET OF PROOF ROLLING AND FILL AREA PER LIFT OF FILL SOILS. IF DURING THE COMPACTION PROCESS, THE FILL SHOWS EVIDENCE OF YIELDING UNDER THE WEIGHT OF THE COMPACTOR, IT SHOULD BE REMOVED AND REPLACED WITH DRY GRANULAR FILL DESCRIBED ABOVE. FILL PARTICLES EXCEEDING ONE (1) INCH IN SIZE SHOULD NOT BE ALLOWED TO NEST WITHIN THE FILL.

4. THE VIBRATIONS PRODUCED BY THE OPERATION OF THE ROLLER/COMPACTOR SHOULD BE MONITORED FOR POTENTIAL ADVERSE EFFECT ON ADJACENT EXISTING STRUCTURES, PAVEMENTS, AND UTILITIES. IF EXISTING FOUNDATIONS AND NEARBY STRUCTURES WILL BE AFFECTED BY THE VIBRATION OF THE COMPACTOR, THE COMPACTION PROCEDURE MAY REQUIRE MODIFICATION AS APPROVED BY NV5.

5. SHALLOW EXCAVATIONS INTO THE NEAR-SURFACE MATERIALS WILL LIKELY STAND VERTICAL FOR SHORT PERIODS OF TIME ONLY. THE EXCAVATION SIDES WILL UNRAVEL OVER TIME AS THEY ARE EXPOSED TO WEATHER AND CONSTRUCTION TRAFFIC. LOCALIZED WEAK SAND ZONES COULD BECOME LOOSE IF UNSUPPORTED. DEEPER EXCAVATIONS, ESPECIALLY THOSE THAT EXTEND BELOW THE GROUNDWATER TABLE, AS WELL AS EXCAVATIONS THAT WILL REMAIN OPEN FOR LONGER PERIODS OF TIME WILL REQUIRE SUPPORT IN THE FORM OF TEMPORARY SHORING OR SLIDING TRENCH BOXES TO PREVENT INSTABILITY OF EXCAVATION WALLS AND TO PROTECT WORKERS FROM INJURY. ALL EXCAVATIONS SHOULD COMPLY WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) DESIGN AND SAFETY REQUIREMENTS.

SHORING DESIGNS SHOULD BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER, AND SHOULD BE PROVIDED FOR THE OWNER'S REVIEW.

6. AVERAGE GROUNDWATER ELEVATION IS EXPECTED TO BE APPROXIMATELY BETWEEN ELEVATION -1.5 AND +2.5 FEET NAVD FOR THIS SITE. AS STATED ABOVE, GROUNDWATER LEVELS OUTSIDE THIS RANGE COULD BE ENCOUNTERED DURING CONSTRUCTION. DEWATERING FOR FOUNDATION EXCAVATIONS IS NOT EXPECTED TO BE A SIGNIFICANT FACTOR FOR THIS PROJECT. NONETHELESS, SOME DEWATERING COULD BE REQUIRED FOR THE CONSTRUCTION OF THE POOL, INSTALLATION OF DEEPER PILE CAPS, UTILITIES AND APPURTENANCES. WE JUDGE THAT LOCALIZED DEWATERING OF FOUNDATION EXCAVATIONS CAN BE ACCOMPLISHED USING PUMPS AND SUMPS. DEWATERING OF LARGER EXCAVATIONS AND LARGER VOLUMES COULD REQUIRE THE INSTALLATION OF WELL POINTS OR OTHER DEWATERING SYSTEMS.

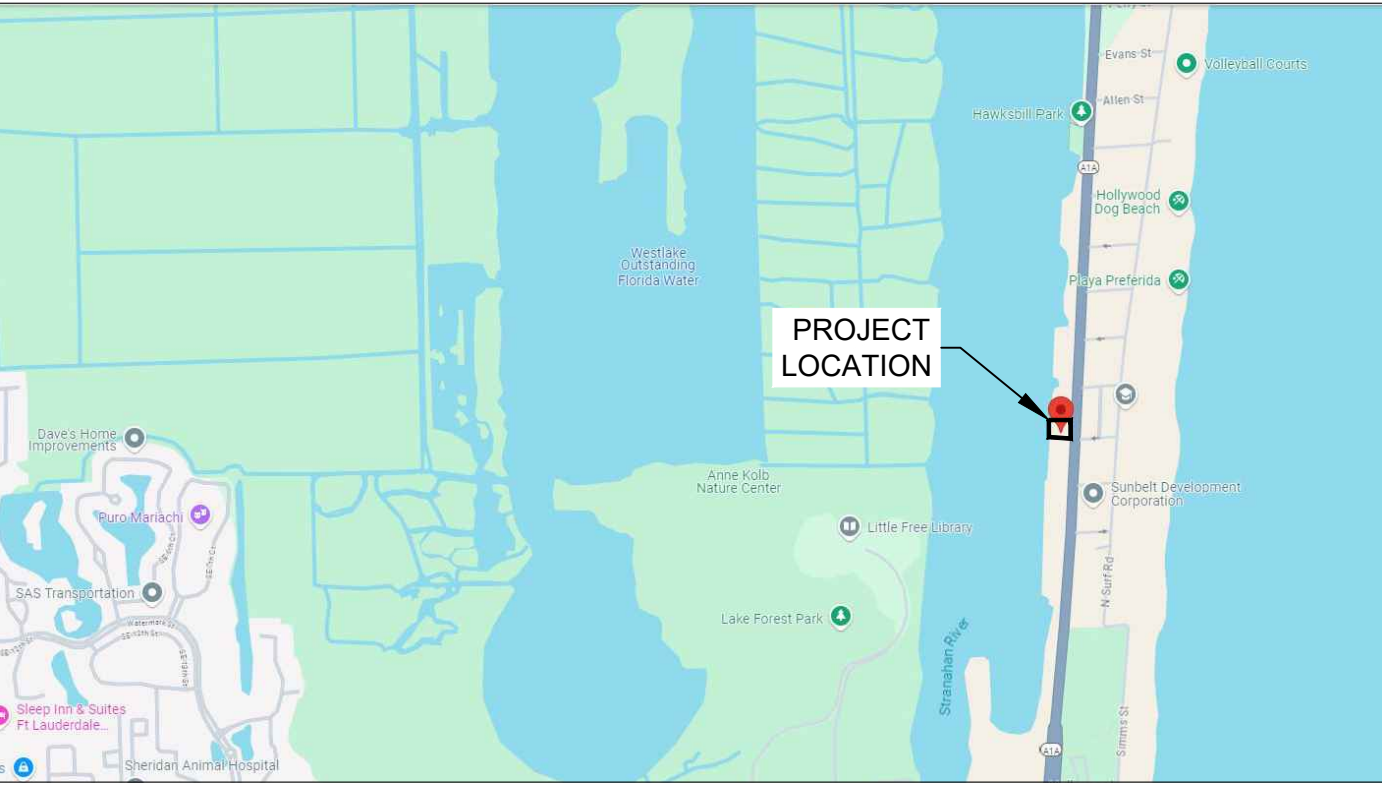
IT SHOULD BE NOTED THERE ARE TWO COMPONENTS TO THE DEWATERING PROCESS. THE FIRST IS EXTRACTING THE WATER FROM THE SUBSURFACE AND THE REQUIREMENT OF THE PROJECT TO MAINTAIN DRY EXCAVATIONS TO ALLOW CONSTRUCTION TO PROCEED. THE OTHER COMPONENT IS THE ABILITY TO DISCHARGE THE VOLUME OF WATER EXTRACTED. THE CONTRACTOR MUST ENSURE THIS CAPABILITY EXISTS FOR THE SITE SUCH THAT ALL DEWATERING AND CONSEQUENT EFFLUENT DISCHARGE WILL MEET THE REQUIREMENTS OF THE LOCAL JURISDICTIONAL AGENCIES INCLUDING BROWARD COUNTY, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP), FLORIDA DEPARTMENT OF TRANSPORTATION, AND SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD) AS APPROPRIATE. THIS STUDY DID NOT INCLUDE SPECIFIC TESTING OR ANALYSIS TO DETERMINE IF DEWATERING IS FEASIBLE OR IF ADEQUATE DISCHARGE IS AVAILABLE. ULTIMATELY, DEWATERING OF THE SITE TO FACILITATE CONSTRUCTION IS THE CONTRACTOR'S RESPONSIBILITY.

DURING DEWATERING THE ADJACENT PROPERTIES MUST BE MONITORED FOR ADVERSE IMPACTS FROM DEWATERING DRAWDOWN.

THE DEWATERING SUBCONTRACTOR SHOULD SUBMIT A PROPOSED DESIGN FOR DEWATERING OPERATIONS TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WORK.

FIRE SAFETY NOTES:

- WHERE UNDERGROUND MAINS AND HYDRANTS ARE TO BE PROVIDED, THEY SHALL BE INSTALLED, COMPLETED, AND IN SERVICE PRIOR TO CONSTRUCTION WORK. [NFPA 1: 16.4.3.1]
- FIRE DEPARTMENT ACCESS SHALL BE PROVIDED AT THE START OF THE PROJECT AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. [NFPA 1: 18.2]
- IN ALL BUILDINGS MORE THAN ONE STORY IN HEIGHT, AT LEAST ONE STAIRWAY SHALL BE PROVIDED THAT IS IN USABLE CONDITION AT ALL TIMES AND THAT MEETS THE REQUIREMENTS OF THE LIFE SAFETY CODE, NFPA 101. [NFPA 1: 16.3.4.5]
- FIRE EXTINGUISHERS SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH NFPA 10. AT LEAST ONE APPROVED FIRE EXTINGUISHER SHALL ALSO BE PROVIDED IN PLAIN SIGHT ON EACH FLOOR AT EACH USABLE STAIRWAY AS SOON AS COMBUSTIBLE MATERIALS ACCUMULATE [NFPA 1: 16.3.6]
- IN ALL BUILDINGS REQUIRED TO HAVE A STANDPIPE SYSTEM, NOT LESS THAN ONE STANDPIPE SHALL BE PROVIDED AND KEPT IN SERVICE DURING CONSTRUCTION. STANDPIPES SHALL BE PROVIDED WITH CONSPICUOUSLY MARKED AND READILY ACCESSIBLE FIRE DEPARTMENT CONNECTION ON THE OUTSIDE OF THE BUILDING AT THE STREET LEVEL AND SHALL HAVE AT LEAST ONE STANDARD HOSE OUTLET AT EACH FLOOR. AT EACH FLOOR LEVEL, AT LEAST ONE APPROVED HOSE VALVE FOR ATTACHING FIRE DEPARTMENT HOSE SHALL BE PROVIDED. THE STANDPIPES SHALL BE EXTENDED UP WITH EACH FLOOR AND SHALL BE SECURELY CAPPED AT THE TOP. THE STANDPIPES SHALL BE SECURELY SUPPORTED AND RESTRAINED AT EACH ALTERNATE FLOOR. [NFPA 1:16.4.3.3.2]
- THE STANDPIPES SHALL BE MAINTAINED IN CONFORMITY WITH THE PROGRESS OF CONSTRUCTION IN SUCH A MANNER THAT THEY ARE ALWAYS READY FOR USE. [NFPA 1: 16.3.5]



VICINITY MAP
NTS



AERIAL MAP
NTS

SITE PLAN NOTES:

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY OF HOLLYWOOD REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- ALL DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED. SEE 02900 SPECIFICATION.
- ALL ISLANDS WITH CURB & GUTTER SHALL BE LANDSCAPED, UNLESS OTHERWISE NOTED. THOSE ISLANDS ARE TO HAVE CONC. CURB.
- ALL CURBED RADII ARE TO BE 10' UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE MODIFIED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITE WORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
- NO WETLANDS ARE PROPOSED TO BE IMPACTED WITHIN AREA TO BE IMPROVED.
- THE SITE WORK FOR THE PROJECT SHALL MEET OR EXCEED THE "SITE SPECIFIC SPECIFICATIONS."
- REFER TO ARCH. PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
- ALL SIGNAGE AND STRIPING TO BE INSTALLED IN ACCORDANCE WITH MUTCD (LATEST EDITION) STANDARDS AND SPECIFICATIONS.

SHEET LIST TABLE	
Sheet Number	Sheet Title
C01.0	COVER SHEET
01 OF 01	BOUNDARY, TOPOGRAPHIC AND TREE SURVEY
C02.0	EXISTING CONDITIONS AND SWPPP PLAN
C02.1	SWPPP DETAILS
C03.0	STORM DRAINAGE PLAN
C04.0	UTILITY PLAN
C05.0	LIFT STATION PLAN
C06.0	GENERAL DETAILS SHEET 1
C06.1	GENERAL DETAILS SHEET 2
C07.0	SANITARY DETAILS SHEET
C08.0	WATER DETAILS SHEET

PARCEL ID #: 5142 01 02 4100

SINGLE FAMILY RESIDENCE

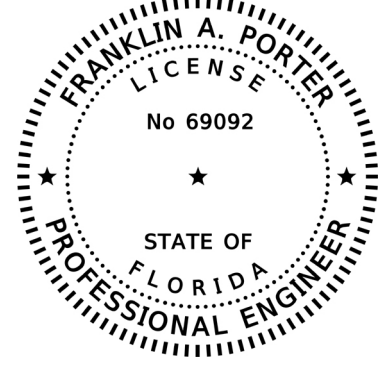
AT
4400 NORTH OCEAN DRIVE,
HOLLYWOOD, FL 33019

OWNER'S REPRESENTATIVE

MR. BENJAMIN FEIGER
ZJB PROPERTIES II LLC
8150 N. LEHIGH AVENUE
MORTON GROVE, IL 60053

This item has been electronically signed and sealed by Franklin Porter, PE on the date adjacent to the seal using a SHA authentication code.

Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.



CONSULTANTS

CIVIL ENGINEER
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6200 LEE VISTA BOULEVARD, SUITE 400
ORLANDO, FLORIDA 32822
FRANKLIN A. PORTER, P.E.
321-436-5229

SURVEYOR
NV5, INC.
11801 RESEARCH DRIVE
ALACHUA, FLORIDA 32615
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407-896-1373

LANDSCAPE ARCHITECT
LEWIS AQUI LANDSCAPE +
ARCHITECTURAL DESIGN, LLC
5717 SW 8TH STREET, SUITE 200
MIAMI, FLORIDA 33144
305-661-1855

LEGAL DESCRIPTION

LOT 24, BLOCK 177, HOLLYWOOD CENTRAL BEACH, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 4, PAGE 20, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

JOB #: 24004.20 PRJ. MGR: PAP DESIGNER: SCK CHECKED: JPM	ENGINEER FRANKLIN A. PORTER, P.E. FL LIC #69092	DATE: May, 09, 2025	REVISIONS	DATE	NO.
SINGLE FAMILY RESIDENCE AT 4400 N. OCEAN DRIVE HOLLYWOOD, FLORIDA FOR ZJB PROPERTIES II LLC					
COVER SHEET					
6200 LEE VISTA BLVD. SUITE 400 ORLANDO, FL 407 896-5317 WWW.NV5.COM	CERTIFICATE OF AUTHORIZATION # 26065 nv5.com\panzura\NF-INF-East\FL\GR\Civil\24004.20\CONST\24004.20\COVER SHEET.dwg - May 09, 2025 - 1:19pm				
	SHEET C01.0				

CREW #1 PARTY CHIEF: RP		Revisions				Surveyor's Certification		THIS SURVEY IS VALID ONLY WITH A SIGNATURE & ORIGINAL SEAL, IN HARD COPY FORM OR A DIGITAL SEAL IN ELECTRONIC FORM, PURSUANT TO RULES 54-17.060 AND 54-17.062, SECTION 427.027 OF THE FLORIDA STATUTES.		Survey is Certified To: ZJB Properties II LLC		<div>NVIS</div>		6200 LEE VISTA BLVD, SUITE 400 ORLANDO, FL OFFICE: (407) 898-3317 FAX: (407) 898-9167 WWW.NVIS.COM LICENSE BUSINESS NO.: LB 6246		<i>Boundary and Topographic Survey</i> <i>of 4400 N Ocean Dr Hollywood, FL</i>				JOB: 24004.20 DRAWN BY: JJ LIDAR: --- DATE: 01/24/2024 SURFACE BY: H.DATUM: FL-East NAD(83)-2011 V.DATUM: NAVD(1988) OFC CHECK: --- FLD CHECK: --- SHEET: 01 of 01	
FIELD BOOK: -----		DATE		DESCRIPTION		DRAWN		P.CHIEF		I do hereby certify that this survey was made under my supervision and meets the "Standards of Practice" set forth by the Florida Board of Professional Surveyors and Mappers stated in Rules 54-17.001, 54-17.002, and 54-17.003, Florida Administrative Code, pursuant to section 427.027 of the Florida Statutes.				Clint Rickner LS 7409		PREPARED FOR: ZJB Properties II LLC LOCATED IN:		Section 1, Township 51 South, Range 42 East, Broward County, Florida			
DATA FILE: -----										FIELD SURVEY DATE: January 23, 2024				LAST SAVED BY: JOHN JONES ON: 7/31/2024 6:43 AM							
CREW #3 PARTY CHIEF:																					
FIELD BOOK:																					
FILE PATH: \\NVS\COMPANZURA\INFIN\EAST\FLORIS\SURVEY\SURVEY\JOB\2024\24004.20 4400 N OCEAN DR.DWG\24004.20 4400 N OCEAN DR.DWG										PLOTTED BY: JOHN JONES ON: 7/31/2024 6:45 AM											

BEST MANAGEMENT PRACTICES SEQUENCE

1. SITE DESCRIPTION

- A. CONSTRUCTION OF LINEMAN TRAINING FACILITY.
- B. SEQUENCE OF SOIL DISTURBANCE:
(1) INSTALL PERIMETER SEDIMENT AND EROSION CONTROLS.
(2) PREPARE SITE.
(3) CLEAR AND GRUB PROPOSED AREA.
(4) INSTALL PROPOSED UNDERGROUND STORMWATER AND UTILITIES.
(5) INSTALL CONCRETE CURB, CONCRETE SIDEWALK, AND PAVEMENT
(6) STABILIZE SITE.
- C. TOTAL SITE AREA: 0.14± ACRES
DISTURBED SITE AREA: 0.14± ACRES
- D. SOILS: THE SOILS (PER NRCS) CANAVERAL-URBAN LAND COMPLEX
- E. DRAINAGE AREA FOR EXISTING DISCHARGE POINT: 0.14± ACRES
DRAINAGE AREA FOR PROPOSED DISCHARGE POINT: 0.14± ACRES
- F. LATITUDE AND LONGITUDE OF EXISTING DISCHARGE POINT:
DISCHARGE POINT LAT: 26°02'24.6261"
DISCHARGE POINT LONG: -080°06'55.5654"
- LATITUDE AND LONGITUDE OF PROPOSED DISCHARGE POINT:
DISCHARGE POINT LAT: 26°02'24.6261"
DISCHARGE POINT LONG: -080°06'55.5654"

2. CONTROLS

- A. EROSION AND SEDIMENT CONTROLS:
- (1) STABILIZATION PRACTICES:
1. TEMPORARY SEEDING SHALL BE RYE GRASS APPLIED AT MANUFACTURER'S RECOMMENDATIONS TO ANY DISTURBED AREAS THAT ARE INACTIVE FOR SEVEN DAYS.
2. MULCHING PRACTICES AND SOD SHALL BE APPLIED TO PARKING LOT ISLANDS.
- (2) STRUCTURAL PRACTICES:
1. PRIOR TO CLEARING, A SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF THE SITE, AS SHOWN HEREIN.
2. DURING THE CLEARING, GRUBBING, AND SITE GRADING STAGES, AREAS TO BE LEFT DISTURBED MORE THAN 7 DAYS SHALL BE STABILIZED WITH RYE GRASS APPLIED PER THE MANUFACTURER'S SPECIFICATIONS. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 4,000 POUNDS OF STRAW PER ACRE.
3. AFTER ALL INITIAL SITE GRADING WORK, ALL PROPOSED INLETS/OUTFALLS, ONCE INSTALLED, SHALL BE PROTECTED FROM EROSION AND SEDIMENT RUNOFF BY THE USE OF THE INLET PROTECTION DESIGNATED ON THE SITE MAP. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED SHALL BE STABILIZED WITH SEED OR SOD AS INDICATED ON THE SITE MAP NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. SEEDING SHALL BE THE SAME AS IN TEMPORARY SEEDING.
4. ALL INSTALLATION SHALL BE COMMENCED AS DEPICTED ON THE SITE MAPS AND EROSION CONTROL DETAIL SHEET.
5. IF SEDIMENT AND EROSION CONTROL MEASURES DEVIATE FROM THE PLANS, CITY OF GROVELAND SHALL BE NOTIFIED.
- B. PERMANENT STORMWATER MANAGEMENT CONTROLS:
1. CATCH BASINS AND STORM SEWER SYSTEM ON-SITE TO PROVIDE POSITIVE DRAINAGE OF THE ENTIRE SITE TO THE DISCHARGE POINT.
- C. CONTROLS FOR OTHER POLLUTANTS:
1. WASTE DISPOSAL: ALL WASTE WILL BE DISPOSED OF IN AN APPROPRIATE LEGAL MANOR, AND COMPLY WITH CITY OF GROVELAND ORDINANCES FOR WASTE DISPOSAL AND COMMERCIAL SITE DEVELOPMENT.
2. VEHICLE TRACKING: OFF SITE VEHICLE TRACKING OF SEDIMENTS AND DUST GENERATION WILL BE MINIMIZED VIA BEST POSSIBLE PRACTICES, DAILY SWEEPING AND THE USE OF WATER TO KEEP DUST DOWN.
3. FERTILIZERS, HERBICIDES, AND PESTICIDES: FERTILIZERS AND PESTICIDES WILL BE USED AT A MINIMUM AND IN ACCORDANCE WITH THE MANUFACTURERS' SUGGESTED APPLICATION APPLICATION RATES. THE FERTILIZERS AND PESTICIDES SHALL BE STORED IN A COVERED SHED.
4. TOXIC SUBSTANCES: ALL PAINTS AND OTHER CHEMICALS WILL BE STORED IN A LOCKED COVERED SHED.
5. OTHER: PORT-O-LETS WILL BE PLACED AWAY FROM THE STORM SEWER SYSTEMS AND STORM INLETS. NO VEHICLE MAINTENANCE SHALL BE CONDUCTED ON-SITE. A WASHDOWN AREA SHALL BE DESIGNATED AT ALL TIMES AND WILL NOT BE LOCATED IN ANY AREA THAT WILL ALLOW FOR THE DISCHARGE OF POLLUTED RUNOFF. A SMALL VEGETATED BERM SHALL BE PLACED AROUND THE WASHDOWN AREA.
3. MAINTENANCE:
1. SILT FENCE SHALL BE INSPECTED AT LEAST WEEKLY. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
2. INLETS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAIN EVENT AND ANY REPAIRS SHALL BE PERFORMED IMMEDIATELY.
3. BARE AREAS OF THE SITE THAT WERE PREVIOUSLY SEEDED SHALL BE RE-SEEDED PER MANUFACTURES' INSTRUCTIONS.
4. MULCH AND SOD THAT HAS BEEN WASHED OUT SHALL BE REPLACED IMMEDIATELY.
5. DEWATERING ACTIVITIES SHALL NOT RESULT IN ANY DISCHARGE OF WATER WITH TURBIDITY GREATER THAN 29 NTUS FROM THE SITE.

ALL MEASURES ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. CONTROLS ARE TO BE REPLACED OR REPAIRED IF IN A SUBSTANDARD CONDITION. ALL MAINTENANCE MODIFICATIONS ARE TO BE NOTED, ON PLANS, AS THEY OCCUR.

4. INSPECTIONS:

- 1.1. A QUALIFIED INSPECTOR SHALL INSPECT ALL POINTS OF DISCHARGE INTO SURFACE WATERS OF THE STATE AND MS4 (CITY OF HOLLYWOOD); DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED; AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; STRUCTURAL CONTROLS; AND, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION SHALL BE MADE AND RETAINED IN THE CONSTRUCTION TRAILER AS PART OF THE STORMWATER POLLUTION PREVENTION INSPECTIONS BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF EROSION/SEDIMENT CONTROL EFFORTS SHALL BE CONDUCTED DAILY AND WITHIN 24 HOURS AFTER EACH 0.50 INCH OR GREATER RAINFALL EVENT. ANY NECESSARY REMEDIES SHALL BE PERFORMED IMMEDIATELY.
- 1.2.

5. NON-STORMWATER DISCHARGES:

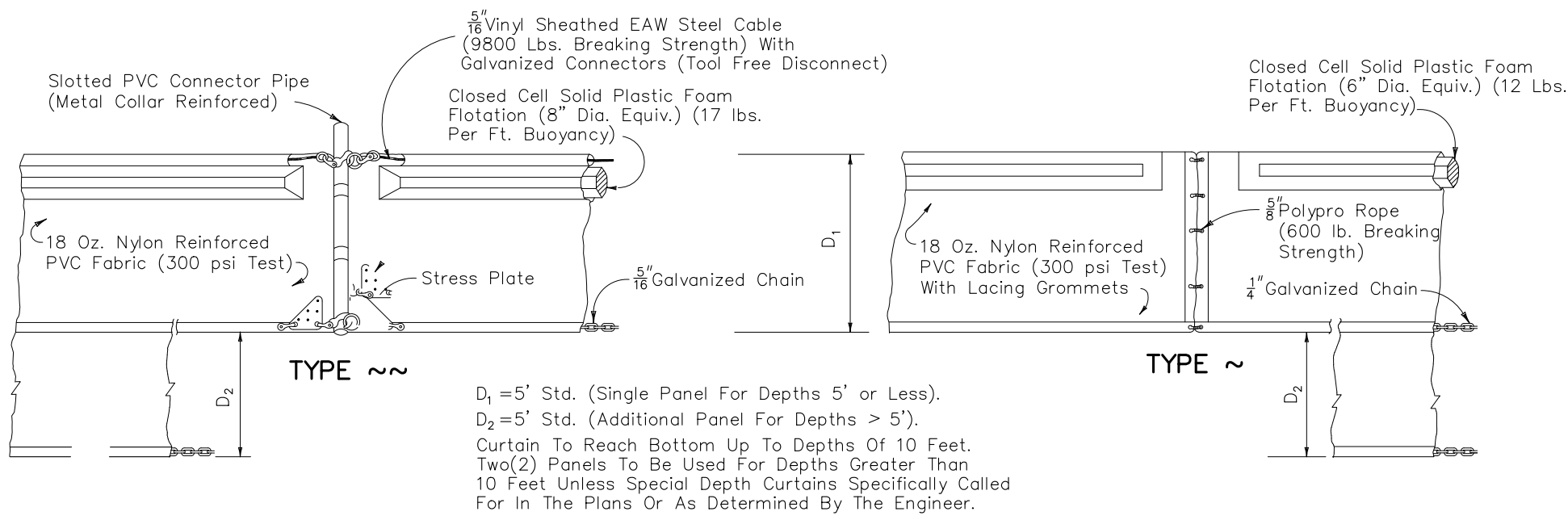
- IT IS ANTICIPATED THAT THE FOLLOWING NON-STORMWATER DISCHARGES MAY OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:
1. WATER FROM LINE FLUSHINGS
2. PAVEMENT WASH WATER (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED)
3. SITE WATERING, TO ALLEVIATE FUGATIVE DUST
4. ROUTINE EXTERNAL BUILDING WASHDOWN WHICH DOES NOT USE DETERGENTS
5. IRRIGATION DRAINAGE

IF SAID DISCHARGES DO OCCUR, THEY WILL BE DIRECTED TO THE TEMPORARY EROSION CONTROL MEASURES PRIOR TO DISCHARGE.

6. CONTRACTOR/SUBCONTRACTOR CERTIFICATION:

ALL CONTRACTOR(S) AND SUBCONTRACTOR(S) IDENTIFIED ABOVE MUST SIGN THE FOLLOWING CERTIFICATION:

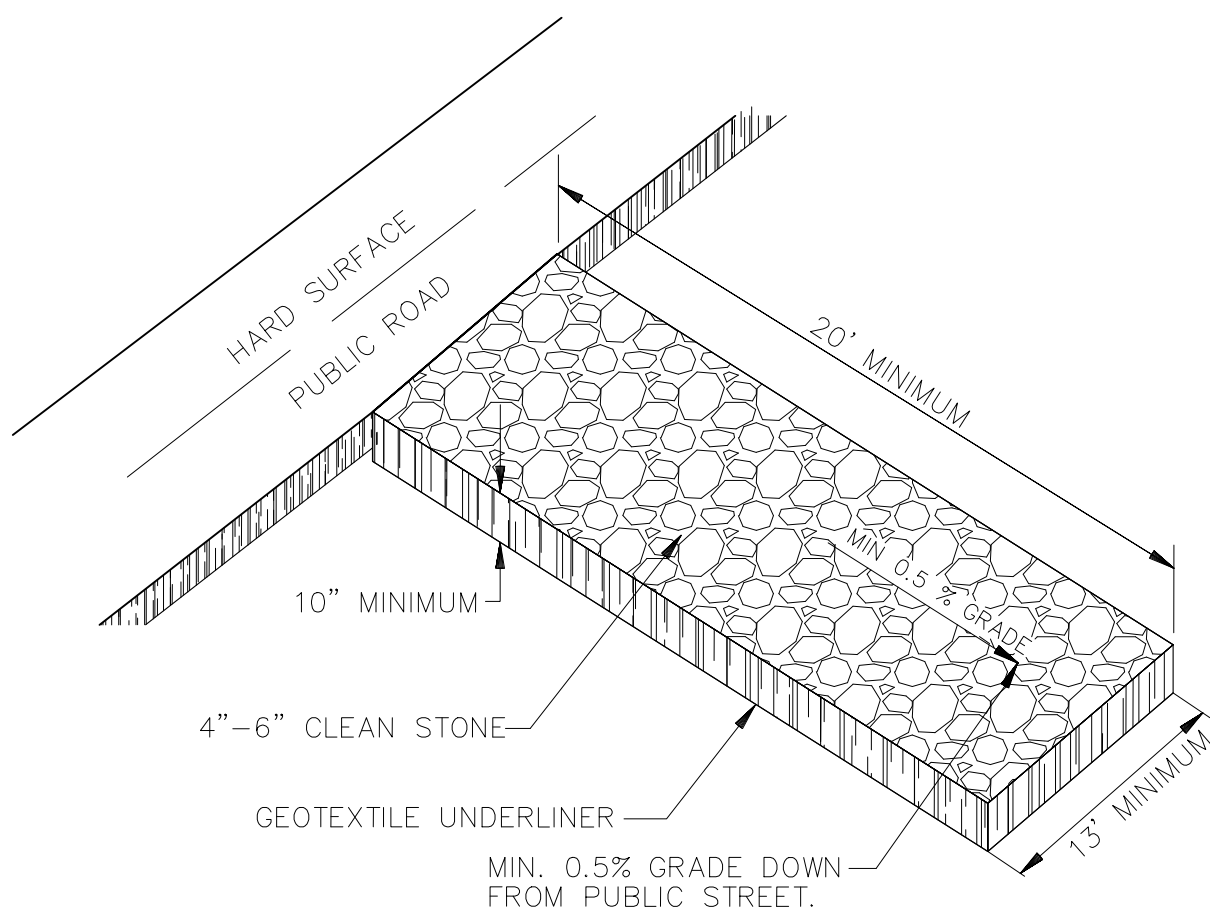
"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER."



FLOATING TURBIDITY BARRIERS

N.T.S.

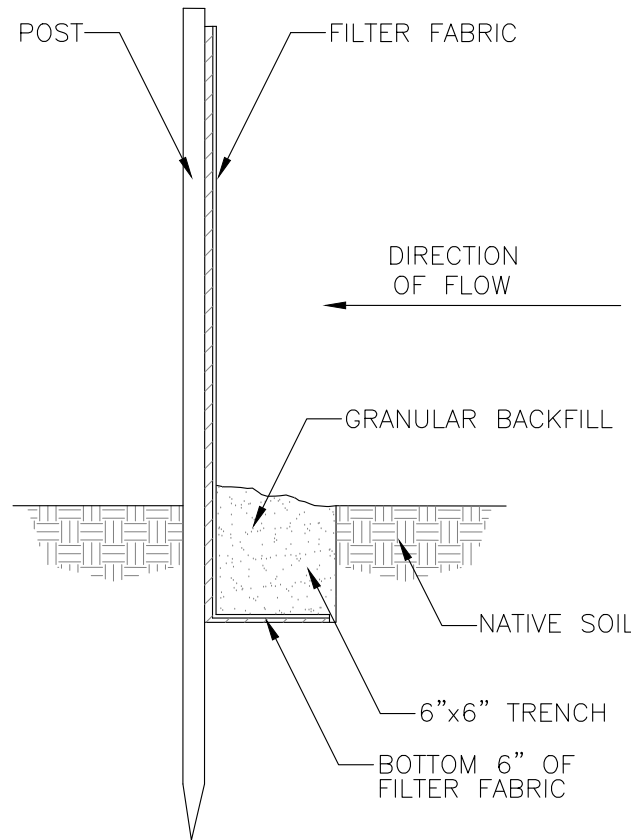
3



CONSTRUCTION ENTRANCE

N.T.S.

1



SILT BARRIER DETAIL

N.T.S.

2

JOB #: 24004.20
PRJ. MGR. FAP
DESIGNER: SCX
CHECKED: JPM

ENGINEER
FRANKLIN A. PORTER, P.E.
FL LIC. #60602

DATE: May, 09, 2025

REVISIONS			
NO.	DATE		

SINGLE FAMILY RESIDENCE
AT
4400 N. OCEAN DRIVE
HOLLYWOOD, FLORIDA
FOR
ZUB PROPERTIES II LLC

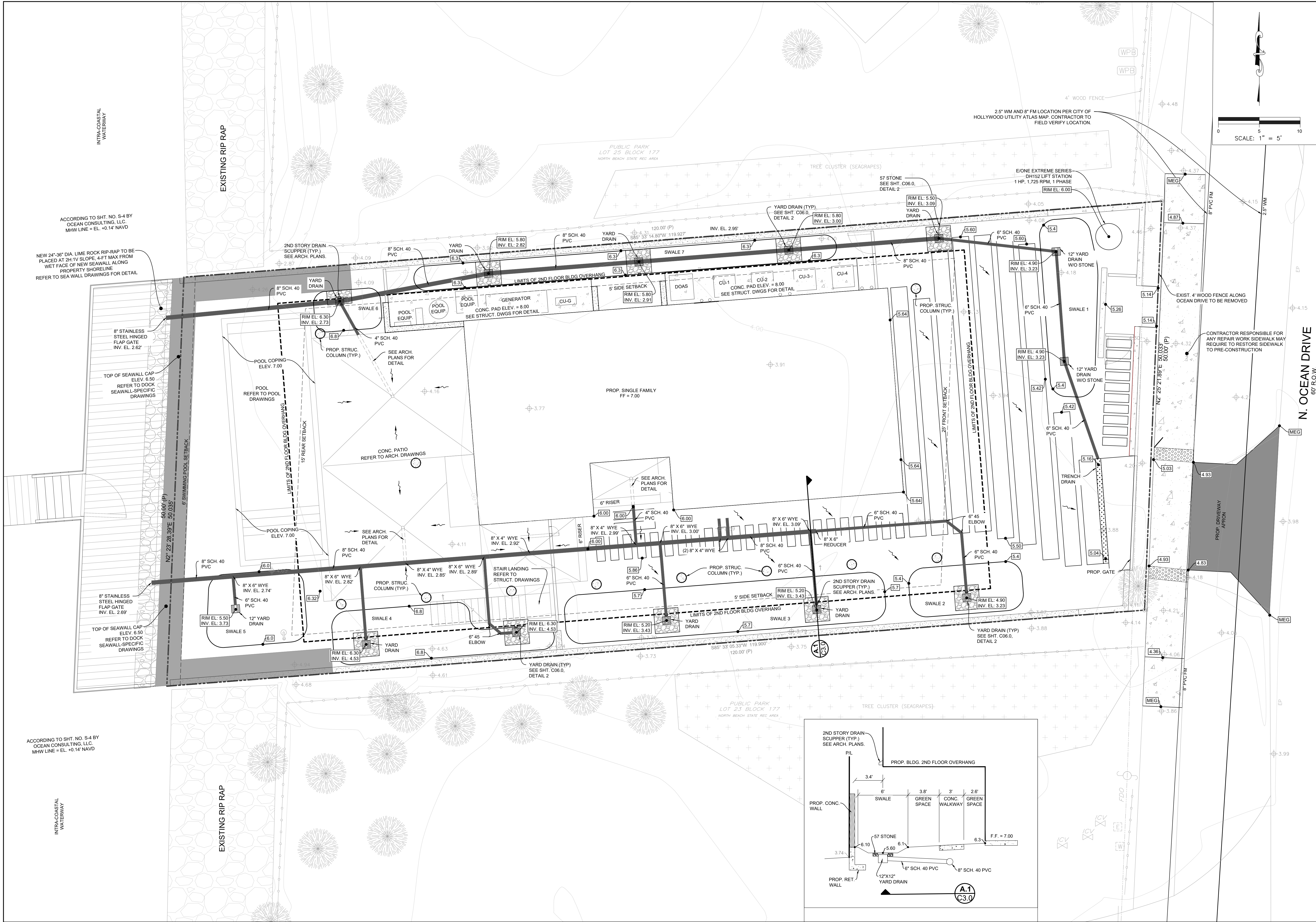
SWPPP
DETAILS

6200 LEE VISTA BLVD.
SUITE 400
ORLANDO, FL
(407) 896-5317
WWW.NVS.COM

NVS

CERTIFICATE OF AUTHORIZATION # 29065
\\nv6.com\pantzura\INF-East\FL\GRL\Civil\civil2\24004.20\CONST\24004.20\SWPPP DETAILS.dwg - May 09, 2025 - 1:29pm

SHEET
C02.1



SHEET C03.0	NV5 6200 LEE VISTA BLVD. SUITE 400 ORLANDO, FL (407) 896-3377 WWW.NV5.COM CERTIFICATE OF AUTHORIZATION # 28065	STORM DRAINAGE PLAN	SINGLE FAMILY RESIDENCE AT 4400 N. OCEAN DRIVE HOLLYWOOD, FLORIDA FOR ZUB PROPERTIES II LLC	△						ENGINEER FRANKLIN A. PORTER, P.E. FL LIC. #50062	JOB # 24004.20
				△						PRJ. MGR. FAP	
				△						DESIGNER SCX	
				△						CHECKED JPM	
				△						DATE: May 09, 2025	
				NO.	DATE	REVISIONS					



The model DH152 grinder pump station is a complete unit that includes: two grinder pumps, check valve, polyethylene tank, controls, and alarm panel. A single DH152 or is ideal for up to four, average single-family homes and can also be used for up to 12 average single-family homes where codes allow and with consent of the factory.

- The DH152 has a cable that connects the motor controls to the level controls through watertight penetrations.

Inlet Connections
4-inch inlet grommet standard for DWV pipe. Other inlet configurations available from the factory.

Pump discharge terminates in 1.25-inch NPT female thread. Can easily be adapted to 1.25-inch PVC pipe or any other material required by local codes

15 gpm at 0 psig (0.95 lps at 0 m)
11 gpm at 40 psig (0.69 lps at 28 m)
7.8 gpm at 80 psig (0.49 lps at 56 m)

E/One requires that the Uni-Lateral, E/One's own stainless steel check valve be installed between the grinder pump station and the street main for added protection against backflow.

Alarm panels are available with a variety of options, from basic monitoring to advanced notice of service requirements.

The Remote Sentry is ideal for installations where the alarm panel may be hidden from view.

DA0052P02

Field Joint Required for Models DH152-129 & DH152-160

Technical Drawing Labels:

- GASKETED LID, HDPE
- ACCESS WAY VENT
- STRAIN RELIEF CORD CONNECTOR
- POWER/ALARM CABLE 6 CONDUCTOR W/GND
- E/ONE EQUALIZER
- ELECTRICAL QUICK DISCONNECT (EQD) NEMA 6P
- INLET, GROMMET TO ACCEPT 4.50" O.D. PVC PIPE (STANDARD) DUST COVER SUPPLIED FOR SHIPMENT (NOT SUITABLE FOR BURIAL)
- DUAL WALL, CORRUGATED HDPE ACCESSWAY
- INTERNAL WELL VENT 2.0" DIA.
- QUICK DISCONNECT ASSY. (304 S.S.)
- S.S. CAST BALL VALVE
- DISCHARGE 1-1/4" FPT (304 S.S.)
- 1-1/4" DISCHARGE LINE (304 S.S.)
- CHECK VALVE ANTI-SIPHON (NORYL)
- POLYETHYLENE TANK 1/2" NOMINAL WALL THICKNESS 150 GALLON CAPACITY
- SEMI-POSITIVE DISPLACEMENT TYPE PUMP EACH DIRECTLY DRIVEN BY A 1 HP MOTOR
- ALARM ON/OFF

Dimensions:

- 42.6 in (1087 mm) DISCH
- 31.2 in (800 mm) INLET
- 28.5 in (724 mm) 106 gal (401 L)
- 20.5 in (521 mm) 74 gal (280 L)
- 16.5 in (420 mm) 58 gal (220 L)



MODEL DH152

DETAIL SHEET

NA0052P02



**STAINLESS STEEL
LATERAL KIT
1-1/4"
SCHEDULE 40 PVC PIPE
ARCH PATTERN**

LID ASSEMBLY WITH PENTAGON HEAD PLUG
MATERIAL: CAST IRON

EXTENSION TYPE CURB BOX WITH ARCH PATTERN BASE
MATERIAL: ABS

AVAILABLE LENGTHS..... 18-30"
30-42"
36-54"
42-66"
48-78"
60-102"

PART NUMBER	MATERIAL
PB0930G01	ABS
PB0930G02	ABS
PB0930G03	ABS
PB0930G04	ABS
PB0930G05	ABS
PB0930G06	ABS

ORDERED SEPARATELY USING PART NUMBER FROM ABOVE

MALE - SOCKET ADAPTER
MATERIAL: PVC SCHEDULE 80
1-1/4 NPT
(ASSEMBLED BY OTHERS)

MALE - SOCKET ADAPTER
MATERIAL: PVC SCHEDULE 80
1-1/4 NPT
(ASSEMBLED BY OTHERS)

VALVE CURB STOP WITH FEMALE PIPE THREADS
AND VALVE POSITION STOPS (OPEN/CLOSED)
WITH INTEGRAL CHECK VALVE
MATERIAL: STAINLESS STEEL

TO MAIN


TO PUMP

1-1/4" SCHEDULE 40 PVC PIPE (BY OTHERS)

MALE - SOCKET ADAPTER MATERIAL: PVC SCHEDULE 80 1-1/4 NPT (ASSEMBLED BY OTHERS)

1-1/4" SCHEDULE 40 PVC PIPE (BY OTHERS)

1. SS CURB STOCHCEK VALVE AND FITTINGS ARE PROVIDED SEPARATELY, TO BE ASSEMBLED BY OTHERS
2. TO ASSEMBLE, APPLY A DOUBLE LAYER OF TEFLON TAPE, AND A LAYER OF PIPE DOPE (SUPPLIED BY OTHERS) TO THE THREADS ON THE PLASTIC FITTINGS AND INSTALL PER THE MANUFACTURER'S INSTRUCTIONS
*FOR SS FITTING INTO SS THREAD, USE EITHER PIPE DOPE OR TEFLON TAPE, NOT BOTH
3. ASSEMBLY IS TO BE PRESSURE TESTED (BY OTHERS)
4. ASSEMBLY IS TO BE USED WITH SCHEDULE 40 PVC PIPE
5. TO ORDER SS LATERAL KIT, USE PART NUMBER NCO193G03
6. CURB BOX IS TO BE ORDERED SEPARATELY, SEE ABOVE

KIT PARTS ARE NOT ASSEMBLED				
SOS	DN	11/02/11	C	3/16
DR BY	CHK'D	DATE	ISSUE	SCALE
 SEWER SYSTEMS				
STAINLESS STEEL LATERAL KIT 1-1/4" SCHEDULE 40 PIPE				
NA0330P04				

SS VALVE ACTUATOR

1-1/4" FEMALE NPT

1-1/4" SS BALL VALVE

1-1/4" FEMALE NPT

FLAPPER TYPE CHECK VALVE, SS

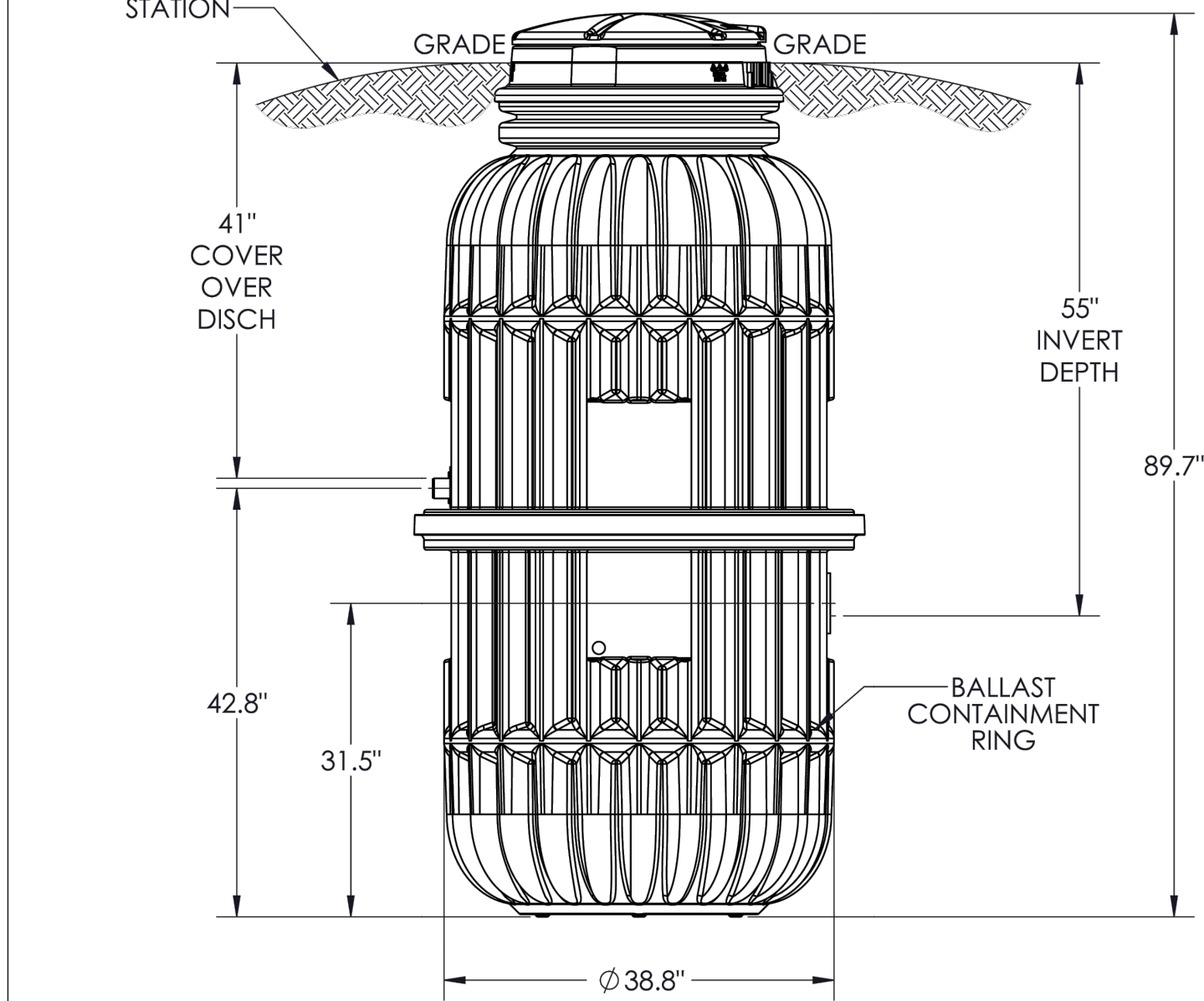
PART IS A BALL VALVE CURB STOP WITH FEMALE PIPE THREADS, VALVE POSITION STOPS (OPEN/CLOSED), AND INTEGRAL CHECK VALVE
MATERIAL: STAINLESS STEEL

TO ORDER SS LATERAL, NO FITTINGS
USE PART NUMBER NB0184P01

1. FOR SS FITTING INTO SS THREAD, USE PIPE DOPE OR TEFLON TAPE, NOT BOTH
2. FOR PLASTIC FITTINGS INTO SS THREAD, USE BOTH PIPE DOPE AND 2 LAYERS OF TEFLON TAPE

SOS	DN	09/20/11	A	3/16
DR BY	CHK'D	DATE	ISSUE	SCALE
				
STAINLESS STEEL LATERAL ASSEMBLY NO FITTINGS				
NA0330P05				

DH152-93



CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

DISCHARGE: 1-1/4 in FEMALE PIPE THREAD

INLET: EPDM GROMMET FOR 4" DWV
PIPE (STANDARD)



MODEL DH152-93

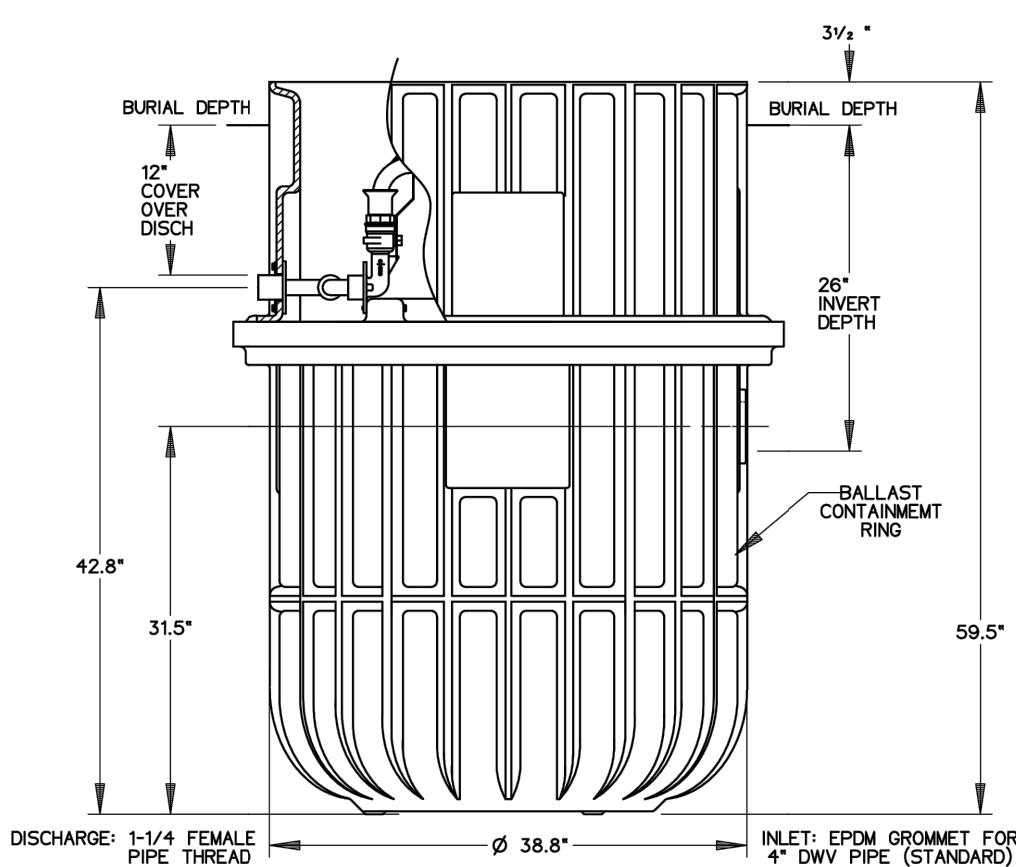
NA0052P04








DH152-57

BUILDERS MODEL

DISCHARGE VALVE



NOTE: DIMENSIONS ARE FOR REF ONLY

   				
AD	CAH	06/27/07	C	1/16
OR BY	CHK'D	DATE	ISSUE	SCALE
				
SEWER SYSTEMS				
MODEL DH152-57 BUILDERS				
NA0052P08				

SINGLE FAMILY RESIDENCE

AT
4400 N. OCEAN DRIVE
HOLLYWOOD, FLORIDA

FOR
FORTIES III C

LIFT STATION
PLAN

6200 LEE VISTA BLVD.

5
A
N

CERTIFICATE OF AUTHORIZATION # 29065

May 09, 2025 - 1:30pm


1

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1


GENERAL NOTES:

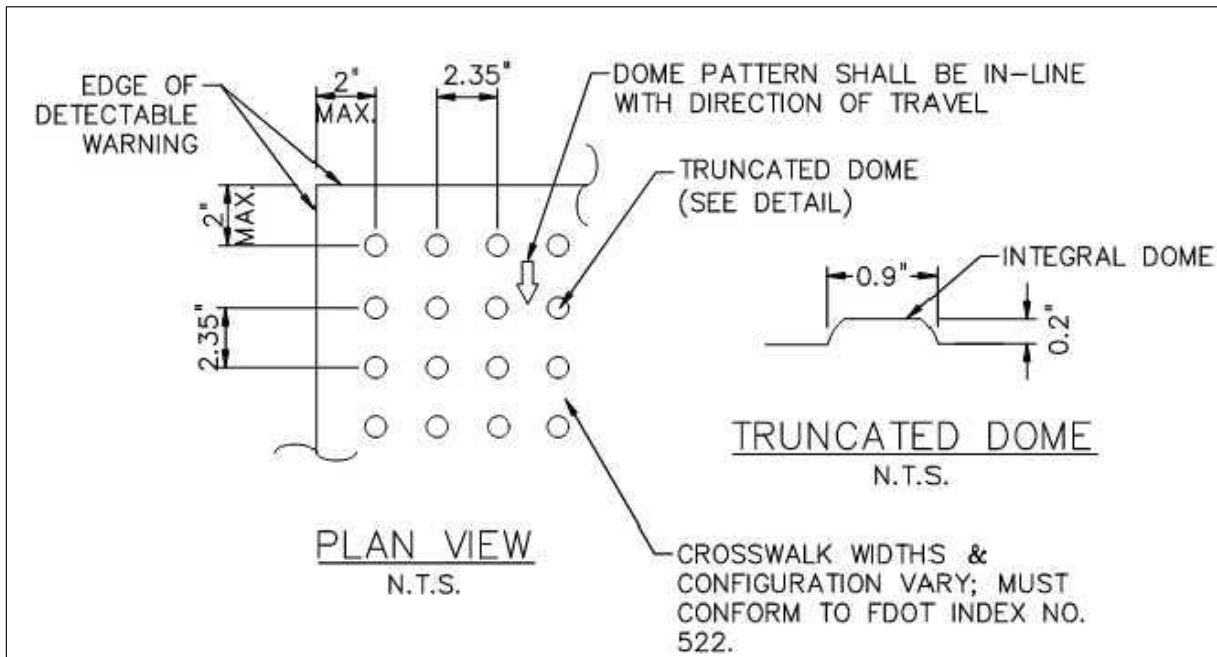
- THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH BIDS WILL BE BASED.
- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO APPLICABLE STANDARDS AND SPECIFICATIONS OF THE CITY OF HOLLYWOOD DEPARTMENT OF DEVELOPMENT SERVICES, ENGINEERING, TRANSPORTATION & MOBILITY DIVISION, AND ALL OTHER LOCAL, STATE AND NATIONAL CODES, WHERE APPLICABLE.
- LOCATIONS, ELEVATIONS, SIZES, MATERIALS, ALIGNMENTS, AND DIMENSIONS OF EXISTING FACILITIES, UTILITIES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF THE PREPARATION OF THESE PLANS; AND DO NOT PURPORT TO BE ABSOLUTELY CORRECT. ALSO, THERE MAY HAVE BEEN OTHER IMPROVEMENTS, UTILITIES, ETC., WITHIN THE PROJECT AREA WHICH WERE CONSTRUCTED AFTER THE PREPARATION OF THESE PLANS AND/OR THE ORIGINAL SITE SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND OTHER FEATURES AFFECTING HIS/HER WORK PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICT BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ANY FACILITIES SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL WORK AS NEEDED TO AVOID CONFLICT WITH EXISTING UTILITIES (NO ADDITIONAL COST SHALL BE PAID FOR THIS WORK). EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE RESPECTIVE UTILITY OWNER.
- THE CONTRACTOR IS REQUIRED TO OBTAIN ALL APPLICABLE CONSTRUCTION AND ENVIRONMENTAL PERMITS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY PUBLIC UTILITIES AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND INSTALLATION OF THE PROPOSED IMPROVEMENTS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY OTHER AGENCY SHOP DRAWING APPROVAL, IF REQUIRED.
- ELEVATIONS SHALL BE IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- CITY OF HOLLYWOOD SHALL NOT PROVIDE STAGING/STORAGE AREA. CONTRACTOR SHALL SECURE STAGING/STORAGE AREA AS NECESSARY FOR CONSTRUCTION WORK.
- CONTRACTOR SHALL HAUL AWAY EXCESSIVE STOCKPILE OF SOIL FOR DISPOSAL EVERY DAY. NO STOCKPILE SOIL IS ALLOWED TO BE LEFT ON THE CONSTRUCTION SITE OVER NIGHT.
- CONTRACTOR SHALL CLEAN/SWEEP THE ROAD AT LEAST ONCE A DAY OR AS REQUIRED BY THE ENGINEER.
- CONTRACTOR SHALL PROTECT CATCH BASINS WITHIN/ADJACENT TO THE CONSTRUCTION SITE AS REQUIRED BY NPDES REGULATIONS.
- CITY OF HOLLYWOOD HAS A NOISE ORDINANCE (CHAPTER 100) WHICH PROHIBITS EXCAVATION AND CONSTRUCTION BEFORE 8:00 A.M. AND AFTER 6:00 P.M., MONDAY THROUGH SATURDAY AND ALL DAY SUNDAY.
- SUITABLE EXCAVATED MATERIAL SHALL BE USED IN FILL AREAS. NO SEPARATE PAY ITEM FOR THIS WORK, INCLUDE COST IN OTHER ITEMS.
- THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZING EARTH, DRIVEWAYS, PARKING LOTS, SIDEWALKS, ETC. TO SATISFY THE INSTALLATION OF THE PROPOSED IMPROVEMENTS WITH THE SAME TYPE OF MATERIAL THAT WAS REMOVED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL NOT ENCRROACH INTO PRIVATE PROPERTY WITH PERSONNEL, MATERIAL OR EQUIPMENT. IN CASE WORK ON PRIVATE PROPERTY IS NEEDED, A CITY OF HOLLYWOOD "RIGHT OF ENTRY" FORM MUST BE SIGNED BY PROPERTY OWNER AND THE DIRECTOR OF DEVELOPMENT SERVICES. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ACCESS AT ALL TIMES TO PRIVATE HOMES/BUSINESSES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE, REMOVAL OR MODIFICATION, CAUSED TO ANY IRRIGATION SYSTEM (PRIVATE OR PUBLIC) ACCIDENTALLY OR PURPOSELY. THE CONTRACTOR SHALL REPLACE ANY DAMAGED, REMOVED OR MODIFIED IRRIGATION PIPES, SPRINKLER HEADS OR OTHER PERTINENT APPURTENANCES TO MATCH OR EXCEED EXISTING CONDITIONS AT NO ADDITIONAL COST TO THE CITY.
- MAIL BOXES, FENCES OR OTHER PRIVATE PROPERTY DAMAGED DURING THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE REPLACED TO MATCH OR EXCEED EXISTING CONDITION.

	ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
	DRAWN: EG	GENERAL NOTES (1 OF 2)	DRAWING NO.:
	APPROVED: JG		C-01

- CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX, LATEST EDITION, AND CITY OF HOLLYWOOD DEPARTMENT OF DEVELOPMENT SERVICES STANDARDS.
- NO TREES ARE TO BE REMOVED OR RELOCATED WITHOUT PRIOR APPROVAL FROM THE CITY ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY TREE REMOVAL OR RELOCATION PERMITS FROM THE CITY OF HOLLYWOOD BUILDING DEPARTMENT FOR TREES LOCATED IN THE PUBLIC RIGHT OF WAY.
- IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE REGULATORY STANDARDS/REQUIREMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF CITY ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF AND MAKING THE REPAIRS TO EXISTING PAVEMENT, SIDEWALKS, PIPES, CONDUITS, CURBS, CABLES, ETC., WHETHER OR NOT SHOWN ON THE PLANS DAMAGED AS A RESULT OF THE CONTRACTORS OPERATIONS AND/OR THOSE OF HIS SUBCONTRACTORS, AND SHALL RESTORE THEM PROMPTLY AT NO ADDITIONAL EXPENSE TO THE OWNER. CONTRACTOR SHALL REPORT ANY DAMAGE TO SIDEWALK, DRIVEWAY, ETC., PRIOR TO BEGINNING WORK IN ANY AREA.
- WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT TO MATCH EXISTING CONDITIONS.
- UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES, OR PARTS OF, EXPOSED OR OPENED AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES, WHEN THE CONTRACTOR IS NOT WORKING, UNLESS OTHERWISE DIRECTED. ALL TRENCHES SHALL BE COVERED, FIRMLY SECURED AND MARKED ACCORDINGLY FOR PEDESTRIAN/VEHICULAR TRAFFIC.
- ALL EXCAVATED MATERIAL REMOVED FROM THIS PROJECT SHALL BE DISPOSED OF OFF THE PROPERTY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- ALL RAMP, SIDEWALK CURB RAMP, AND, ACCESSIBLE ROUTES SHALL BE ADA COMPLIANT AND SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX, LATEST EDITION.
- ALL GRASSED AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OF THE LATEST REVISION OF FDOT DESIGN STANDARDS. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR THE RESETING OF ALL TRAFFIC CONTROL AND INFORMATION SIGNAGE REMOVED DURING THE CONSTRUCTION PERIOD.
- EXCAVATED OR OTHER MATERIAL STORED ADJACENT TO OR PARTIALLY UPON A ROADWAY PAVEMENT SHALL BE ADEQUATELY MARKED FOR TRAFFIC SAFETY AT ALL TIMES.
- TEMPORARY PATCH MATERIAL MUST BE ON THE JOB SITE WHENEVER PAVEMENT IS CUT, OR THE CITY'S INSPECTOR WILL SHUT THE JOB DOWN.
- CONTRACTOR MUST PROVIDE FLASHER ARROW SIGNAL FOR ANY LANE THAT IS CLOSED OR DIVERTED.
- THE CITY PREFERS THAT IT'S OWN POLICE OFFICERS PROVIDE TRAFFIC CONTROL TO ENSURE SAFE AND EFFICIENT INTERSECTION OPERATIONS IS MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION, THEREFORE, PLEASE CONTACT MR. JANEL DIXON TO ARRANGE FOR A DETAIL TO PROVIDE THIS SERVICE. HE MAY BE REACHED AT 954-967-4500 OR VIA EMAIL AT jdixon@hollywoodfl.org.
- CONTRACTOR TO RESTORE PAVEMENT TO ORIGINAL CONDITION AS REQUIRED, REFER TO BCTED, PAVING MARKINGS AND SIGNS DETAILS PLAN, LATEST EDITION.
- THE CONTRACTOR SHALL GIVE AT LEAST 48 HOURS NOTICE TO UTILITY COMPANIES TO PROVIDE FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION. CONTACT UTILITIES NOTIFICATION CENTER AT 811 OR 1-800-432-4770 (SUNSHINE ONE-CALL OF FLORIDA).

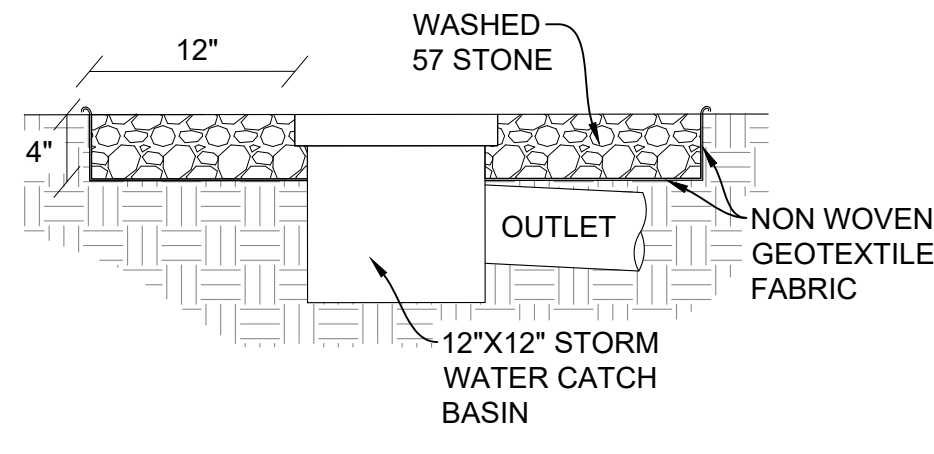


	ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
	DRAWN: EG	GENERAL NOTES (2 OF 2)	DRAWING NO.:
	APPROVED: JG		C-02



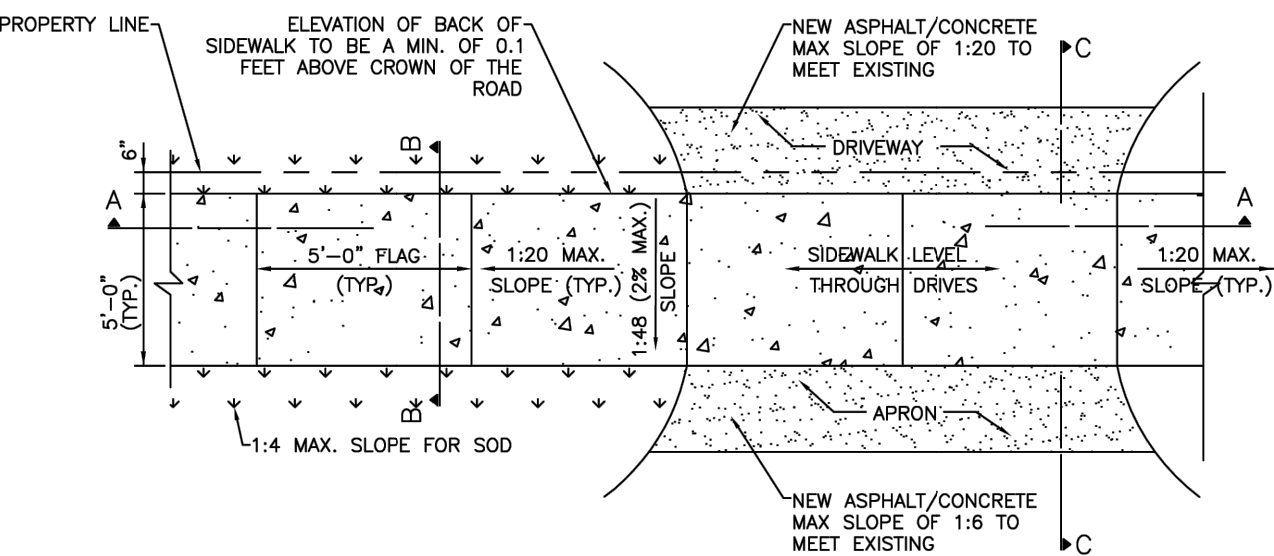
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NTS

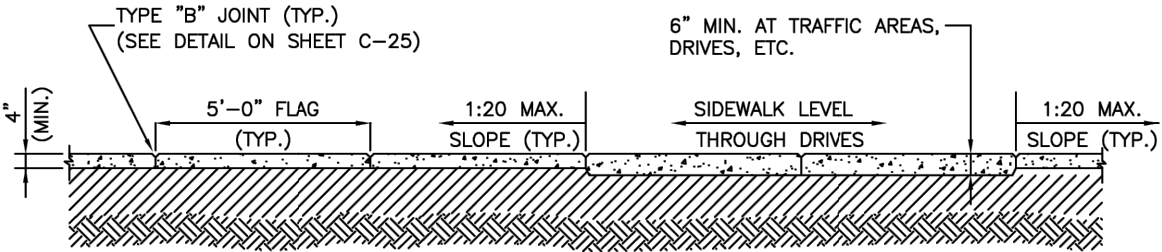


YARD DRAIN DETAIL

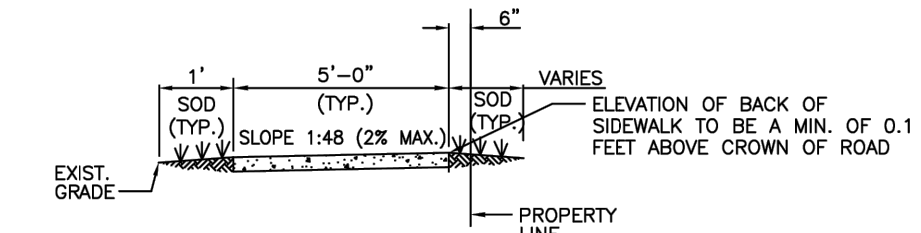
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PLAN




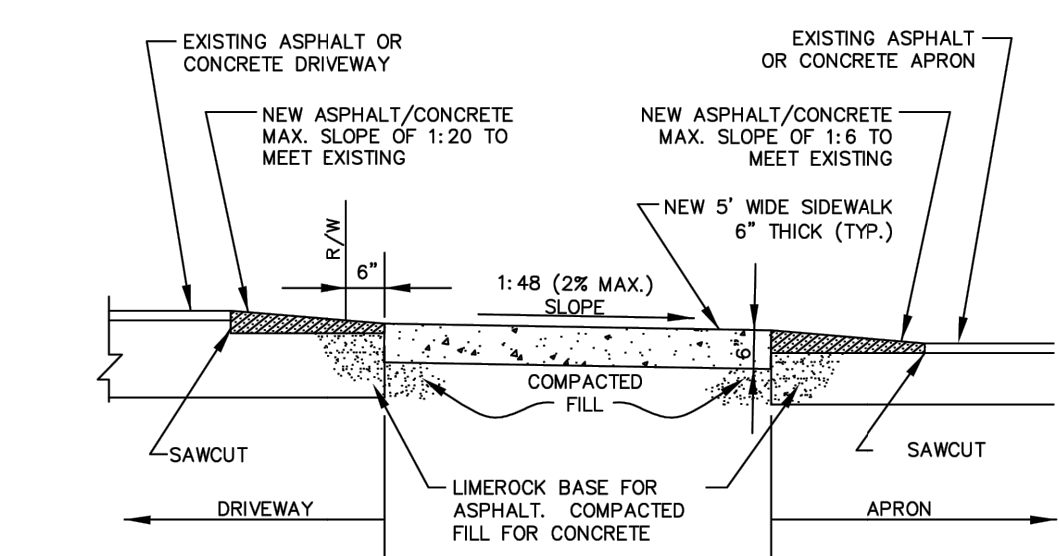
SECTION A-A



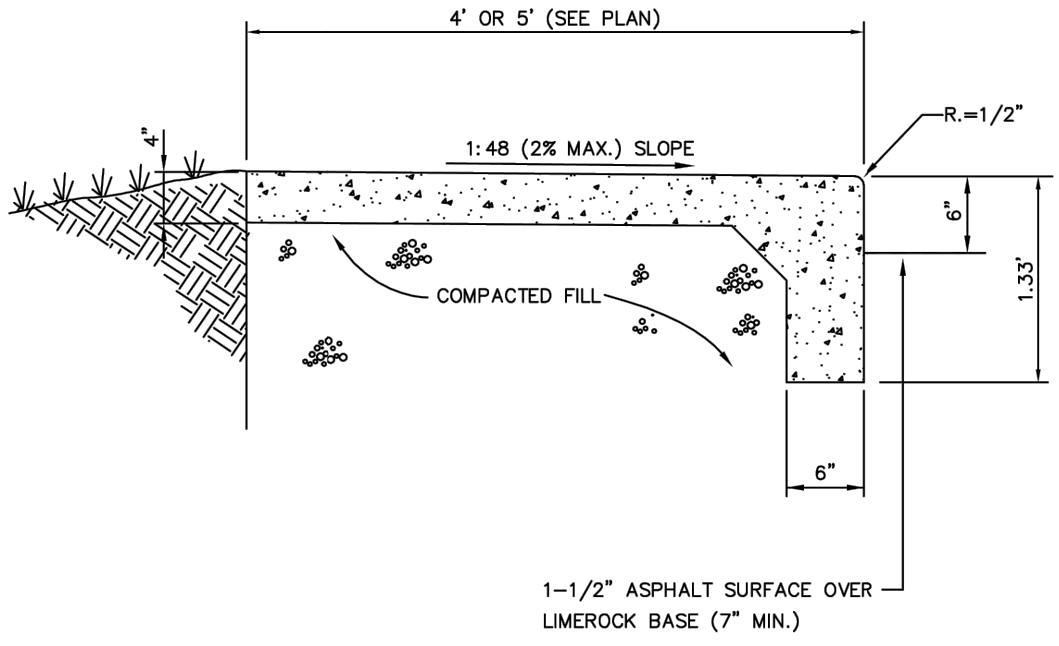
SECTION B-B

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


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

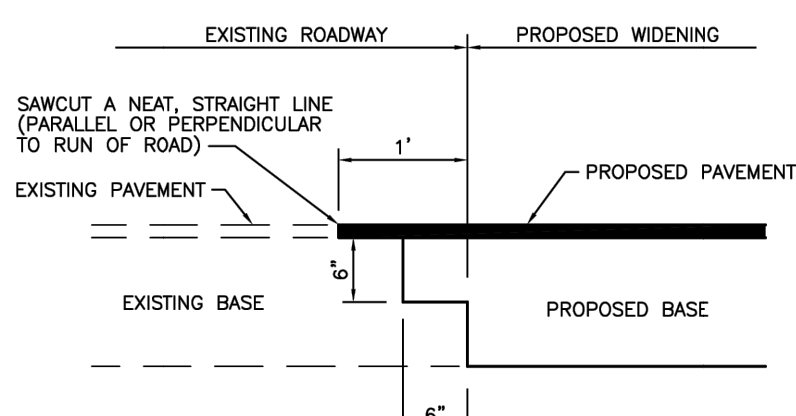


SECTION C-C




SIDEWALK WITH CURB

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



SAWCUT DETAIL

	ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
	DRAWN: EG	SAWCUT DETAIL	DRAWING NO.:
	APPROVED: JG		C-28

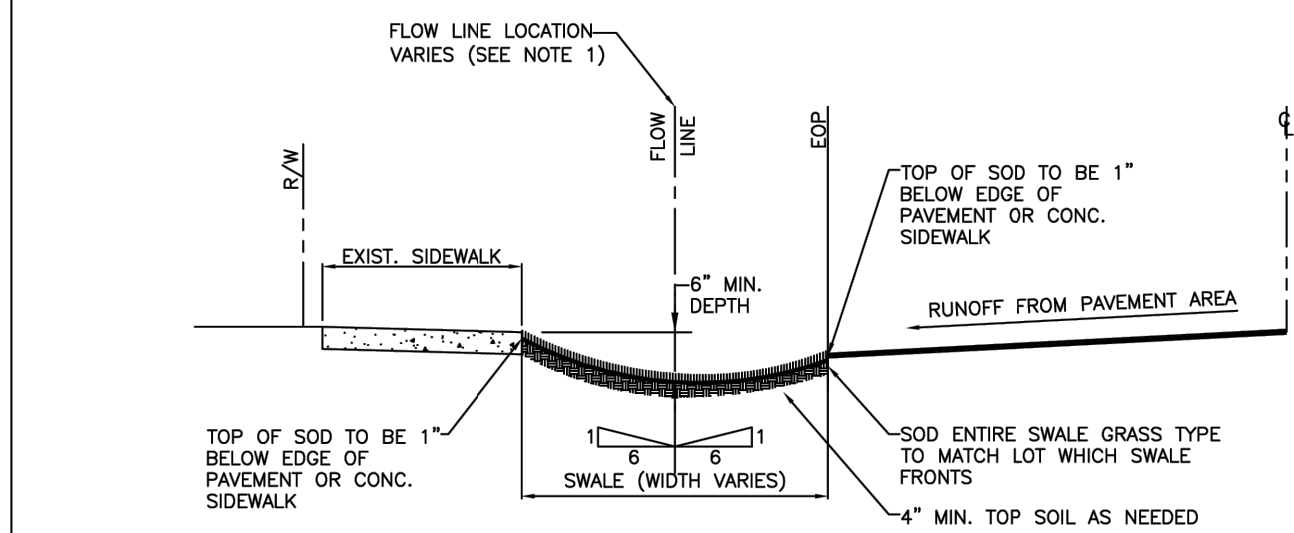
SINGLE FAMILY RESIDENCE
AT
4400 N. OCEAN DRIVE
HOLLYWOOD, FLORIDA
FOR
ZUB PROPERTIES II LLC

GENERAL
DETAILS
SHEET 1


6200 LEE VISTA BLVD.
SUITE 400
ORLANDO, FL
(407) 886-5317
WWW.NVS.COM

NVS

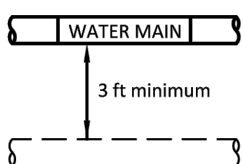
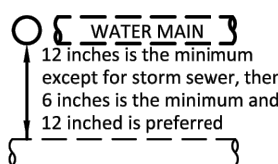
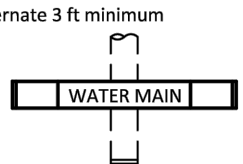
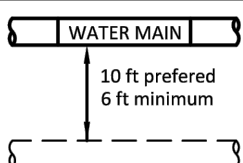
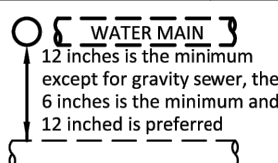
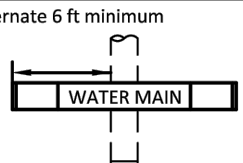
SHEET
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- NOTES:
1. HORIZONTAL BOTTOM (FLOW LINE) OF SWALE LOCATION IS TO BE PLACED AT THE POINT WHERE 6:1 SLOPE FROM THE EDGE OF S/W AND 6:1 SLOPE FROM EDGE OF PAVEMENT MEET.
 2. TOP OF SOD ELEVATION AS SHOWN ABOVE.

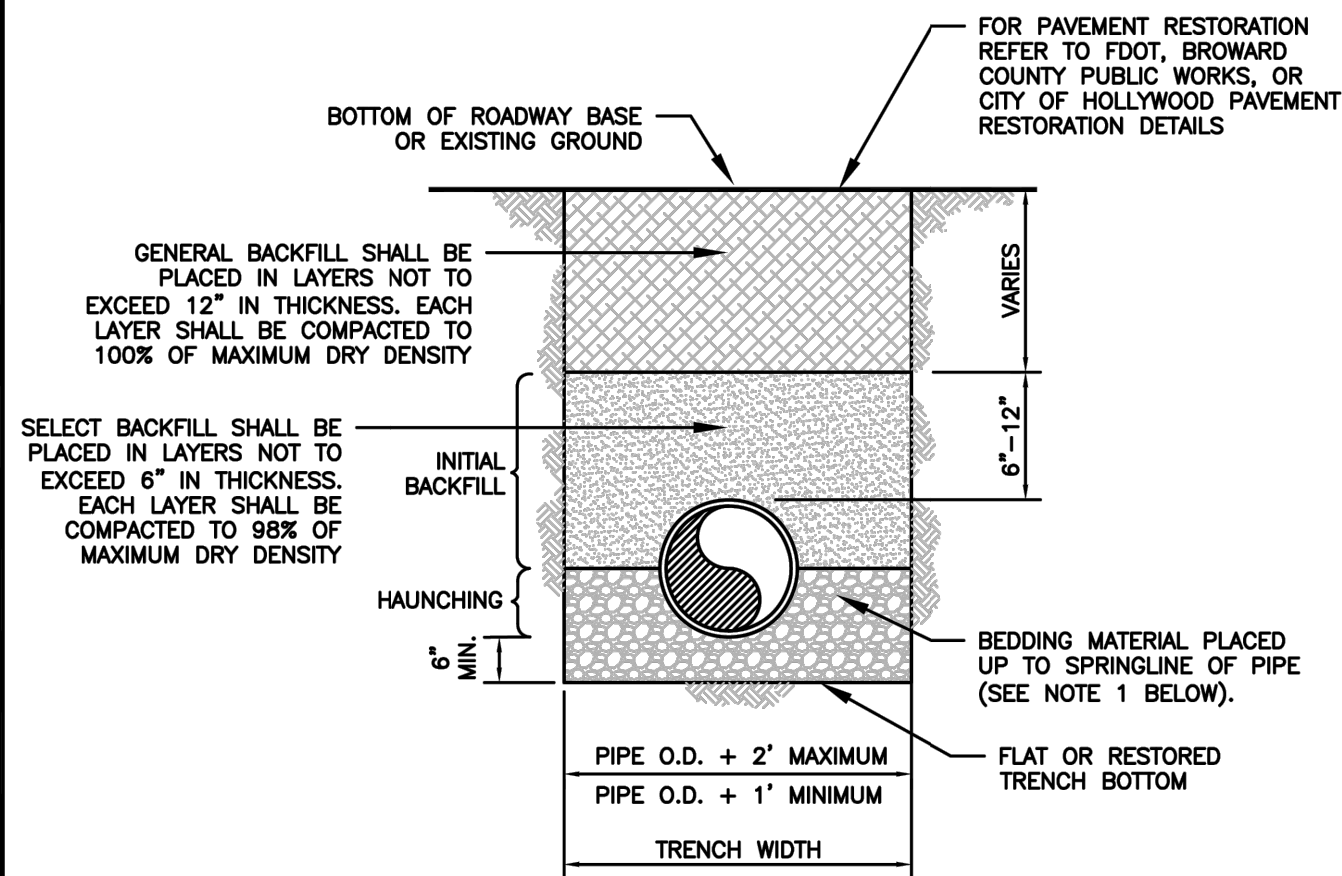
	ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: —
	DRAWN: EG	TYPICAL SWALE GRADING	DRAWING NO.:
	APPROVED: JG		C-33

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

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


1. WATER MAIN SHOULD CROSS ABOVE OTHER PIPE, WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.
2. RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
3. 3 FT. FOR GRAVITY SANITARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.
4. 18" VERTICAL MINIMUM SEPARATION REQUIRED BY CITY OF HOLLYWOOD, UNLESS OTHERWISE APPROVED.
5. A MINIMUM 6 FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.
6. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 10 FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.
7. WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN A PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SANITARY SEWER OR FORCE MAIN SHALL BE CONSTRUCTED OF DIP WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).
8. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED.

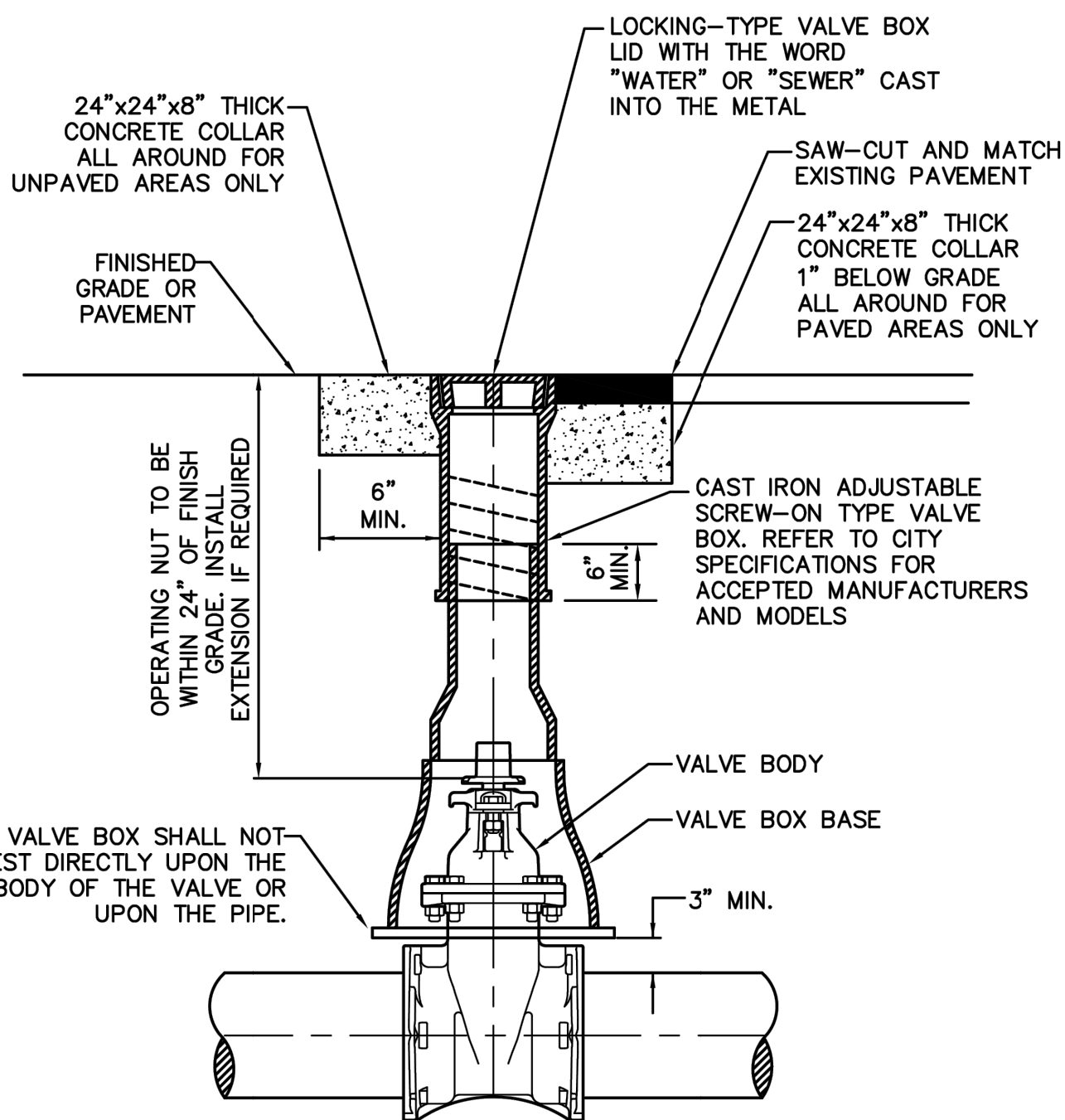
	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017
	DRAWN: EAM	SEPARATION REQUIREMENTS OF F.D.E.P.	DRAWING NO.
	APPROVED: XXX		G-01.1




NOTES:

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

	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
	DRAWN: EAM	PIPE LAYING CONDITION TYPICAL SECTION (P.V.C.)	DRAWING NO.
	APPROVED: XXX		G-03



	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
	DRAWN: EAM	TYPICAL VALVE BOX SETTING	DRAWING NO.
	APPROVED: XXX		G-05

JOB #: 24004.20	PRJ. MGR. FAP	DESIGNER. SCK	CHECKED. JPM
ENGINEER FRANKLIN A. PORTER, P.E. FL LIC. #59092			
DATE: May, 09, 2025			

REVISIONS			
NO.	DATE		

SINGLE FAMILY RESIDENCE
AT
4400 N. OCEAN DRIVE
HOLLYWOOD, FLORIDA
FOR
ZUB PROPERTIES II LLC

GENERAL
DETAILS
SHEET 2

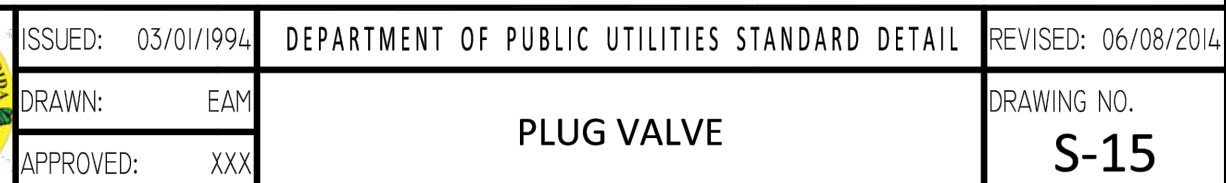
6200 LEE VISTA BLVD.
SUITE 400
ORLANDO, FL
407.896-5317
WWW.NV5.COM
CERTIFICATE OF AUTHORIZATION # 29065

NV5

SHEET
C06.1

1. THE MINIMUM DEPTH OF COVER OVER D.I.P. SANITARY SEWER GRAVITY OR FORCE MAINS IS 30". THE MINIMUM DEPTH OF COVER OVER PVC SANITARY SEWER OR FORCE MAINS IS 36".
2. ALL CONNECTIONS TO EXISTING MAINS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. LEAKAGE TESTS AND ALIGNMENT (LAMPING) TESTS SHALL BE PERFORMED ON ALL NEW SEWER LINES UP TO THE CONNECTION POINT WITH THE EXISTING SEWER SYSTEM. THESE TESTS SHALL BE REQUESTED AND PAID FOR BY THE CONTRACTOR.
4. LAMPING TESTS SHALL BE PERFORMED ON GRAVITY SEWERS FROM MANHOLE TO MANHOLE UP TO AND INCLUDING THE POINT OF CONNECTION TO THE EXISTING SEWER SYSTEM.
5. LEAKAGE TESTS SHALL BE PERFORMED ON ALL SEGMENTS OF A GRAVITY SEWER SYSTEM, INCLUDING SERVICE LATERALS AND MANHOLES, FOR A CONTINUOUS PERIOD OF 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.
6. FORCE MAINS SHALL BE PRESSURE-TESTED IN ACCORDANCE WITH RULE 62-555.330 (FAC). THE PRESSURE TEST SHALL CONSIST OF HOLDING A TEST PRESSURE OF 150 PSI ON THE PIPELINE FOR A CONTINUOUS PERIOD OF 2 HOURS. THE MAXIMUM ALLOWABLE LEAKAGE SHALL BE DETERMINED BY THE FOLLOWING FORMULA:
$$L = \frac{S \times D \times \sqrt{P}}{148,000}$$


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
7. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH FORCE MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, FORCE MAIN SHALL BE LOWERED TO PASS UNDER CONDITIONS WITH 12" MINIMUM SEPARATION FROM WATER MAINS AND 6" MINIMUM SEPARATION FROM OTHER UTILITIES. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
8. WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH, THE CONTRACTOR SHALL FURNISH, PUT IN PLACE AND MAINTAIN SUCH SHEETING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION TO ENSURE PERSONNEL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER SAFETY REQUIREMENTS.



SHEET	C07.0	 6200 LEE VISTA BLVD. SUITE 400 ORLANDO, FL 32837 WWW.NV5.COM CERTIFICATE OF AUTHORIZATION # 20086	SANITARY DETAILS SHEET	SINGLE FAMILY RESIDENCE AT 4400 N. OCEAN DRIVE HOLLYWOOD, FLORIDA FOR ZJB PROPERTIES II LLC	2025	1:30pm
					09	09


WATER SYSTEM NOTES:

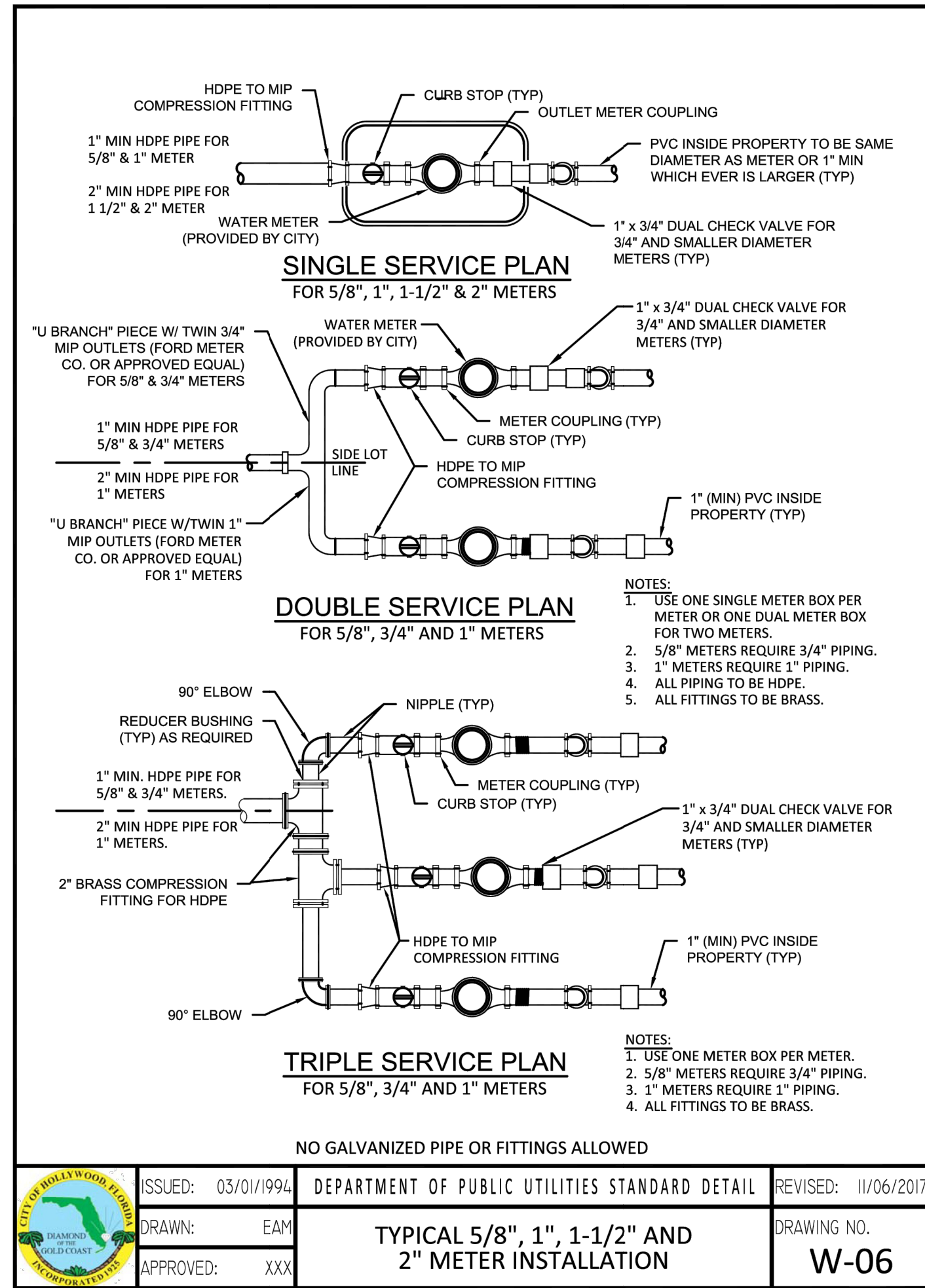
- NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12 INCHES BELOW THE OTHER PIPELINE.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

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

WATER SYSTEM NOTES (CONTINUED):


- ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
- ALL PVC PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C900 LATEST REVISION AND CLASS DR 18. ALL DIP WATER MAINS SHALL BE DUCTILE IRON PRESSURE CLASS 350, WITH WALL THICKNESS COMPLYING WITH CLASS 52. ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C151/A21.51-02 AND BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03.
- FITTINGS SHALL BE DUCTILE IRON, MEETING ANSI/AWWA C153/A21.53-00 SPECIFICATIONS, WITH 3500 PSI MINIMUM WORKING PRESSURE. FITTINGS MUST BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03. ALL DUCTILE IRON PIPE AND FITTINGS MUST BE MANUFACTURED IN THE UNITED STATES OF AMERICA.
- ALL DUCTILE IRON PIPE TO BE MECHANICAL JOINTS, WRAPPED IN POLY. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY DESIGN.
- PAVEMENT RESTORATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY.
- ALL TRENCHING, PIPE LAYING, BACKFILL, PRESSURE TESTING, AND DISINFECTING MUST COMPLY WITH THE CITY OF HOLLYWOOD SPECIFICATIONS.
- THE MINIMUM DEPTH OF COVER OVER WATER MAINS IS 30" (DIP) OR 36" (PVC).
- MINIMUM HORIZONTAL SEPARATION BETWEEN STORM STRUCTURES AND WATER MAINS SHALL BE 3'.
- MAXIMUM DEFLECTION PER EACH JOINT SHALL BE 50% OF MANUFACTURES RECOMMENDATION (MAXIMUM) WHERE DEFLECTION IS REQUIRED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH WATER MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, WATER MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 18" MINIMUM VERTICAL SEPARATION. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
- PIPE JOINT RESTRAINT SHALL BE PROVIDED BY THE USE OF DUCTILE IRON FOLLOWER GLANDS MANUFACTURED TO ASTM A 536-80. TWIST-OFF NUTS SHALL BE USED TO ENSURE PROPER ACTUATING OF THE RESTRAINING DEVICES. THE MECHANICAL JOINT RESTRAINING DEVICES SHALL HAVE A WORKING PRESSURE OF 250 PSI MINIMUM, WITH A MINIMUM SAFETY FACTOR OF 2:1, AND SHALL BE EBAA IRON INC., MEGALUG OR APPROVED EQUAL. JOINT RESTRAINTS SHALL BE PROVIDED AT A MINIMUM OF THREE JOINTS (60 FEET) FROM ANY FITTING.
- 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.

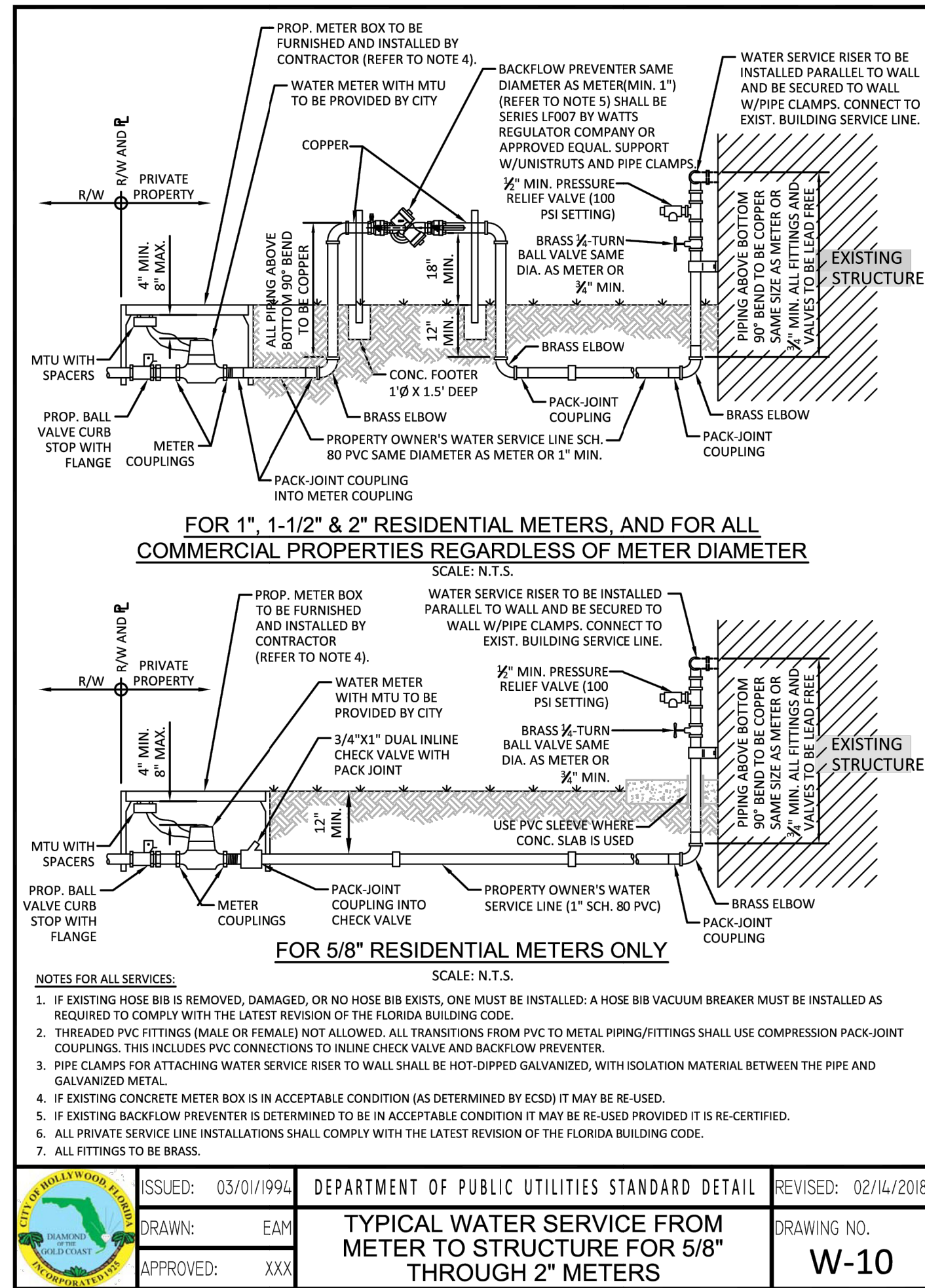
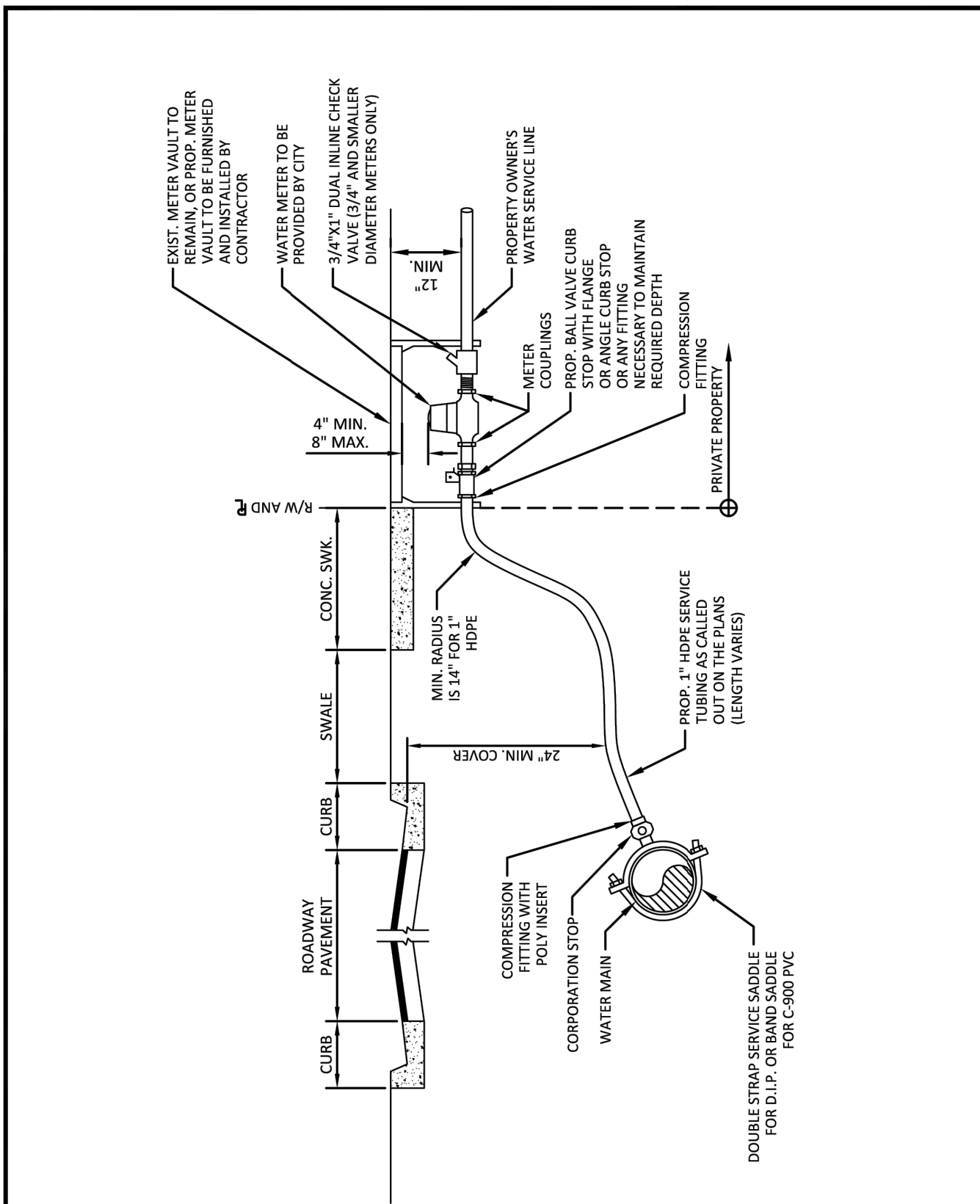
	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	WATER SYSTEM NOTES		DRAWING NO. W-02
APPROVED: XXX			



WATER METER SERVICE NOTES:

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

	ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017
DRAWN: EAM	WATER METER SERVICE NOTES FOR 5/8" THROUGH 2" METERS		DRAWING NO. W-07
APPROVED: XXX			



SINGLE FAMILY RESIDENCE
AT
4400 N. OCEAN DRIVE
HOLLYWOOD, FLORIDA
FOR
ZUB PROPERTIES II LLC

WATER
DETAILS
SHEET

6200 LEE VISTA BLVD.
SUITE 400
ORLANDO, FL
407 886-5317
WWW.NVS.COM

NVS

SHEET
C08.0

CERTIFICATE OF AUTHORIZATION # 28065
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Exhibit D

Broward County Roadway Capacity and Level of Service Analysis

APPENDIX C: North / South Roadways Capacity and Level of Service Analysis 2020 & 2045

			2020								2045						
			Design	Daily Conditions				Peak Hour Conditions				Design	Daily Conditions				
ID	N/S Roadway	Segment	Code	AADT	Capacity	V/C	LOS	Volume	Capacity	V/C	LOS	Code	Volume	Capacity	V/C	LOS	
937	NE/S 14 Ave	N of Hndle Bch Blvd	264	5500	13320	0.41	C	523	1197	0.44	C	264	7600	13320	0.57	D	
939	N 14 Ave	N of Hollywood Blvd	264	950	13320	0.07	C	90	1197	0.07	C	264	5600	13320	0.42	C	
1113	SE 5 Ave	N of Sheridan St	264	6000	13320	0.45	C	570	1197	0.48	C	264	13300	13320	1.00	D	
941	Diplomat Pkwy	N of Hndle Bch Blvd	264	3500	13320	0.26	C	333	1197	0.28	C	264	8800	13320	0.66	D	
947	Eisenhower Blvd	N of Eller Dr	464	2000	29160	0.07	C	190	2628	0.07	C	464	4000	29160	0.14	C	
999	Eisenhower Blvd	N of Spangler Rd	464	2000	29160	0.07	C	190	2628	0.07	C	464	5000	29160	0.17	C	
949	Bayview Dr	N of Sunrise Blvd	264	6500	13320	0.49	C	618	1197	0.52	D	264	14400	13320	1.08	F	
951	Bayview Dr	N of Oakland Pk Blvd	264	14600	13320	1.10	F	1387	1197	1.16	F	264	12000	13320	0.90	D	
953	Bayview Dr	N of Commercial Blvd	264	4600	13320	0.35	C	437	1197	0.36	C	264	14600	13320	1.10	F	
955	NE 26 Ave / NE 10 St	N of Atlantic Blvd	264	2900	13320	0.22	C	276	1197	0.23	C	264	13000	13320	0.98	D	
24	NE 23 Ave	N of Copans Rd	264	2900	13320	0.22	C	276	1197	0.23	C	264	9700	13320	0.73	D	
959	NE 22/23 Ave	N of Sample Rd	264	2900	13320	0.22	C	276	1197	0.23	C	264	10600	13320	0.80	D	
961	SE 12 Ave	N of NE 49 St	264	4300	13320	0.32	C	409	1197	0.34	C	264	9000	13320	0.68	D	
965	SR A1A	N of Dade C L	632	37500	50000	0.75	D	3563	4500	0.79	D	632	45500	50000	0.91	D	
967	SR A1A	N of Hndle Bch Blvd	632	27000	50000	0.54	D	2565	4500	0.57	D	632	37100	50000	0.74	D	
969	SR A1A	N of Hollywood Blvd	432	22500	32400	0.69	D	2138	2920	0.73	D	432	29900	32400	0.92	D	
971	SR A1A	N of Sheridan St	222	9600	17700	0.54	C	912	1600	0.57	C	222	19200	17700	1.08	F	
973	SR A1A	N of SE 17 St	432	32500	32400	1.00	E	3088	2920	1.06	F	432	30900	32400	0.95	D	
975	SR A1A	N of Seabreeze Blvd	433	15500	38880	0.40	B	1473	3504	0.42	B	433	37700	38880	0.97	C	
977	SR A1A	N of Las Olas Blvd	433	27000	38880	0.69	C	2565	3504	0.73	C	433	40500	38880	1.04	D	
979	SR A1A	N of Bayshore Dr	432	26500	32400	0.82	D	2518	2920	0.86	D	432	38600	32400	1.19	F	
981	SR A1A	N of Sunrise Blvd	232	17300	14800	1.17	F	1644	1330	1.24	F	432	37100	32400	1.15	F	
983	SR A1A	N of Oakland Pk Blvd	432	21500	32400	0.66	D	2043	2920	0.70	D	432	33200	32400	1.02	E	
985	SR A1A	N of Flamingo Ave	232	19100	14800	1.29	F	1815	1330	1.36	F	232	27400	14800	1.85	F	
987	SR A1A	N of Commercial Blvd	232	15000	14800	1.01	E	1425	1330	1.07	F	232	26400	14800	1.78	F	
989	SR A1A	N of Pine Ave	232	13600	14800	0.92	D	1292	1330	0.97	D	232	22200	14800	1.50	F	
991	SR A1A	N of Atlantic Blvd	232	11300	14800	0.76	D	1074	1330	0.81	D	232	18300	14800	1.24	F	
993	SR A1A	N of NE 14 St	232	6700	14800	0.45	C	637	1330	0.48	C	232	18000	14800	1.22	F	
995	SR A1A	N of Hillsboro Inlet	212	12300	24200	0.51	C	1169	2180	0.54	C	212	14800	24200	0.61	C	
997	SR A1A	N of Hillsboro Blvd	222	9000	17700	0.51	C	855	1600	0.53	C	222	17100	17700	0.97	D	
1155	El Mar Dr	N of Palm Ave	464	1400	29160	0.05	C	133	2628	0.05	C	464	2000	29160	0.07	C	

