



## DEVELOPMENT REVIEW

Property address or Location 1889 N. US Highway 1

Parcel ID #(s) 1433-440-0005-000-0

Project description Demolish existing Publix and reconstruct new store. Modify existing parking area to bring up to current standard. Demo and remodel portions of other retail.

Real Sub. LLC. \_\_\_\_\_

**Property Owner(s)** \_\_\_\_\_

PO Box 32018 \_\_\_\_\_

Street Address \_\_\_\_\_

Lakeland FL 33802 \_\_\_\_\_

City State Zip \_\_\_\_\_

1-800-242-1227 \_\_\_\_\_

Phone Number \_\_\_\_\_

doug.ray@publix.com \_\_\_\_\_

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

CWH Real Estate Services \_\_\_\_\_

**Applicant/Representative, Title, Company** \_\_\_\_\_

1012 Avon Ave \_\_\_\_\_

Street Address \_\_\_\_\_

Lakeland FL 33801 \_\_\_\_\_

City State Zip \_\_\_\_\_

863-608-4046 \_\_\_\_\_

Phone Number \_\_\_\_\_

william@cwhrealestateservices.com \_\_\_\_\_

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

*Property Owner(s) Acknowledgements: - This application will not be considered complete without the signature of all property owners of record, which shall serve as an acknowledgement of the submission of this application. The property owner's signature below shall also authorize the Applicant (if other than the property owner) and/or Representative to act in his/her behalf for the purposes of seeking approval for the application described herein. The undersigned consents to inspection and photographing of the subject property by the Planning staff for purposes of consideration of this Application and/or presentation to the Planning Board and City Commission.*

*[Handwritten Signature]*

Property Owner(s) Signature(s) \_\_\_\_\_

STATE OF FLORIDA -- COUNTY

The foregoing instrument was acknowledged before me this 31 day of July, 20 18, by

\_\_\_\_\_ who is personally known to me or has produced \_\_\_\_\_ as identification.

*[Handwritten Signature: Michael M Brock]*

Signature of Notary



**INTAKE MEETINGS ARE REQUIRED FOR ALL SUBMITTALS. CALL (772) 467-3729**

**TO BE COMPLETED BY STAFF**

Zoning	Future Land Use	Total Acres	Historic District	Historic Designation
				Contributing Individual Non-Contributing None

Pre-Application Meeting Date \_\_\_\_\_ Fees \_\_\_\_\_ Control # \_\_\_\_\_ B. Permit # \_\_\_\_\_

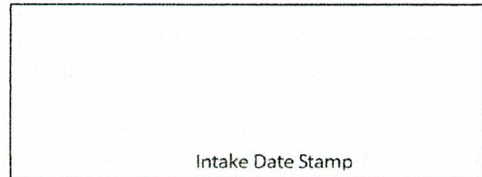
Intake Planner \_\_\_\_\_

Planner Assigned \_\_\_\_\_

Approved By \_\_\_\_\_ Date \_\_\_\_\_

Comments \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Intake Date Stamp



# DEVELOPMENT REVIEW

## General Information

- Incomplete application packets cannot be accepted.
- Site Plan approval is valid for one (1) year following City Commission approval. In order to maintain site plan approval, vertical improvements, permitted by the Building Department must commence prior to the 12-month expiration date, and building permits must be maintained until site plan is completed, per plans, or approval shall lapse.

Choose Application Type:

Application Type			
<input checked="" type="checkbox"/> Site Plan	<input type="checkbox"/> Conditional Use with New Const.	<input type="checkbox"/> Major Amendment	
<input type="checkbox"/> Conceptual Development Plan		<input type="checkbox"/> Minor Amendment	

Site Information: 59,940 exist.  
 Non-Residential: Proposed Sq. Ft.: 67,230 prop. Residential: Proposed Units: \_\_\_\_\_

Surrounding Uses: (i.e. single family home, retail, industrial, etc.)

North	South	East	West
Commercial	Residential	US 1	Taylor Creek

### Application Outlook



## Site Plan submittal requirements:

Submit one (1) original & thirteen (13) hard copies and one (1) CD of the following. Additional copies will be required of subsequent submittals.

- Complete notarized application
- Warranty Deed
- SLC Property Record Card
- Statements of ownership & control of proposed development. Statement describing in detail: character & intended use.
- General location map (see Section 22-58.d.2)
- Survey (see Section 22-58.d.3)
- Site Plan (see Section 22-58.d.4)
- Landscaping Plan (see Section 22-187)
- Storm Drainage Plan (see Section 22-58.d.6)
- Environmental Impact Report
- Beach/Dune System protection plan, if applicable (see Section 22-58.d.7)
- Lighting Plan (see Section 22-58.d.8)
- Design Review submittals (see Design Review application)
- Traffic Impact Report
- Concurrency Review submittals (see Concurrency Review application)



## Design Review

Property address or Location 1889 N. US Highway 1  
 Parcel ID #(s) 1433-440-0005-000-0  
 Project Description Demolish existing Publix and reconstruct new store. Modify existing parking area to bring up to current standard. Demo and remodel portions of other retail.

Real Sub, LLC  
**Property Owner(s)**  
 P.O. Box 32018  
**Street Address**  
 Lakeland FL 33802  
**City State Zip**  
 1-800-242-1227  
**Phone Number**  
 doug.ray@publix.com  
**Email Address**

CWH real Estate Services  
**Applicant/Representative, Title, Company**  
 1012 Avon Rd.  
**Street Address**  
 Lakeland FL 33801  
**City State Zip**  
 863-608-4046  
**Phone Number**  
 william@cwhrealestateservices.com  
**Email Address**

**Property Owner(s) Acknowledgements:** - This application will not be considered complete without the signature of all property owners of record, which shall serve as an acknowledgement of the submission of this application. The property owner's signature below shall also authorize the Application (if other than the property owner) and/or Representative to act in his/her behalf for the purposes of seeking approval for the application described herein.

*William Hank*

Property Owner(s) Signature(s)

STATE OF FLORIDA -- COUNTY HILLSBOROUGH  
 The foregoing instrument was acknowledged before me this 31 day of JULY, 2018, by

William Hank who is personally known to me or has produced  
 as identification.

Michael M Brock  
 Signature of Notary



### TO BE COMPLETED BY STAFF

Zoning	Future Land Use	Total Acres	Historic Districts	Historic Designation

Pre-Application Meeting Date \_\_\_\_\_ Fees \_\_\_\_\_ Control # \_\_\_\_\_ B. Permit \_\_\_\_\_  
 Intake Planner \_\_\_\_\_  
 Planner Assigned \_\_\_\_\_  
 Approved \_\_\_\_\_ Date \_\_\_\_\_  
 Comments \_\_\_\_\_

Intake Date Stamp

## **Design Review Application Checklist**

**(City Code of Ordinances 22-59)**

### Submittal for Administrative Approval

- a. A survey (1" = 30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of section 22-194, location of bordering streets and, if applicable, wetlands and beaches.
- b. A site analysis study to include a discussion of specimen trees and other natural vegetation, access, significant topography, wetlands, buffers, setbacks, views, orientation, the surrounding built environment and other site features that may influence design elements.
- c. A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis study results.
- d. Context photographs of neighboring uses and architectural styles.
- e. Photographs and/or drawings of architectural buildings or objects that serve as a precedent for the proposed building design. Models should be taken from local exemplary buildings, either existing or demolished. Documentation of such buildings is available in the city's planning department.
- f. Photographs of all existing structures located on the property. If existing structures on the property are more than fifty (50) years of age, documentation of these structures with data from the Florida Master Site File form is also required.
- g. Conceptual site plan (to scale) showing proposed location of all buildings, structures, parking areas, signs and landscaping.
- h. Landscape plan, at the same scale as the site plan. The planning director or designee may request enlarged plans of detailed planting areas. Planting schedule with sizes of proposed plantings must be included.
- i. Accurate color rendering of proposed signs showing dimensions, type of lettering, materials and actual color samples that demonstrates cohesiveness with the project design.
- j. Exterior elevations showing architectural character, external architectural features and streetscape of the proposed development, including materials, colors, shadow lines and landscaping. The street elevation shall encompass the entire proposed project and generally identify the major elements of the adjacent two (2) properties on either side of the site. If the adjacent properties are vacant or underutilized, a diagram shall be provided that identifies the mass and form that is allowable under current zoning. If the street elevation must be drawn at such a scale as to render architectural details of the building unreadable, drawings of individual buildings at a larger scale should be provided as well.
- k. Design review concurrent with conceptual development plan procedure according to subsection 22-58(e) is also available.

### Submittal for Board Approval

- a. A written narrative describing how the project conforms to administrative approval and design review guidelines of this section.
- b. A final site plan meeting the requirements of section 22-58
- c. A final site lighting plan that meets the requirements of subsection 22-58(d)(8).
- d. A final landscape plan that meets the requirements of Article XII, Landscaping and Trees.
- e. Final floor plans and elevation drawings (1/8" = 1'-0" minimum scale), as detailed under administrative approval, showing exterior building materials and colors with architectural sections and details to adequately describe the project.
- f. A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.



July 31, 2018

City of Fort Pierce  
Planning Department  
100 North US 1  
Fort Pierce, FL 34950

RE: Publix Super Market  
Taylor Creek Commons

Attn: Brandon Creagan

The referenced project is an existing retail center with a Publix Super Market. The proposed development is to demolish the existing Publix building (30,000 sf) and one adjacent retail space (1200 sf) and to then reconstruct a new 46,000 sf Publix building in its place. In addition, the back half of the old West Marine space will be demolished but will not be reconstructed. The front half of the old West Marine store will be remodeled into 4 new tenant spaces. The one retail spaces between the West Marine space and the new Publix will be remodeled to a Publix Liquor store. The façade of the entire retail center will be improved per the included elevations. The existing parking area will be improved to meet current City of Fort Pierce and Publix requirements. Additional landscape islands and cart corrals will be added to the site. The existing parking area will be milled and resurfaced. A pedestrian walkway will be added from the existing sidewalk along US 1 into the site.

Per the Design Review Application Checklist please find the following documents for your review.

1. Exterior elevations of the proposed Publix.
2. Photographs of the existing retail center.
3. Photographs of the neighboring uses.

Please reference the submitted Construction plans containing survey and Landscape Plans for other requirements listed on the design review checklist. Should you need anything else please contact me at your earliest convenience.

Respectfully,

Jason Kendall

Environmental

Landscape  
Architecture

Parks & Trails

Pavement  
Management

Planning

Stormwater

Transportation

Utilities

Water Resources

3918 N. Highland Ave  
Tampa, FL 33603

P: 813-361-2644  
F: 813-223-2469



PUBLIX FRONT ELEVATION



RETAIL FRONT ELEVATION

	<b>PAINT</b> SW7012 CREAMY		<b>PAINT</b> SW6106 KILIM BEIGE		<b>PAINT</b> SW6150 UNIVERSAL KAHAKI		<b>PAINT</b> SW9117 URBAN JUNGLE		<b>PAINT</b> SW6465 SPEARMINT		<b>METAL CANOPY</b> PAC CLAD AGED BRONZE		<b>METAL ROOF</b> BERRIDGE PATINA GREEN
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**FT. PIERCE PUBLIX & RETAIL**  
DESIGN DEVELOPMENT

FT. PIERCE, FL

06.13.18



## Photographs of Existing Taylor Creek Commons Center





## Photographs of Surrounding Properties



Fig. A – Commercial property to the north



Fig. B – Property to the northeast



Fig. C – Commercial property to the Southeast

# CONSTRUCTION PLANS FOR

# PUBLIX SUPER MARKETS STORE #1682

# TAYLOR CREEK COMMONS 1851 N. US HIGHWAY 1 FORT PIERCE, FL 34946

## SITE DATA

PARCEL ID: 1433-440-0005-000-0  
S/T/R: 33/34/40  
ZONING: C-3  
SITE AREA: 412,623 SF (9.47 AC)

EXISTING RETAIL BUILDING AREA: 22,786 SF  
EXISTING PUBLIX BUILDING AREA: 32,104 SF  
EXISTING TOTAL BUILDING AREA: 54,890 SF

PROPOSED RETAIL BUILDING AREA: 18,307 SF  
PROPOSED PUBLIX BUILDING AREA: 46,013 SF  
PROPOSED TOTAL BUILDING AREA: 64,320 SF  
PROPOSED PROPERTY FAR: 0.16

### REQUIRED PARKING

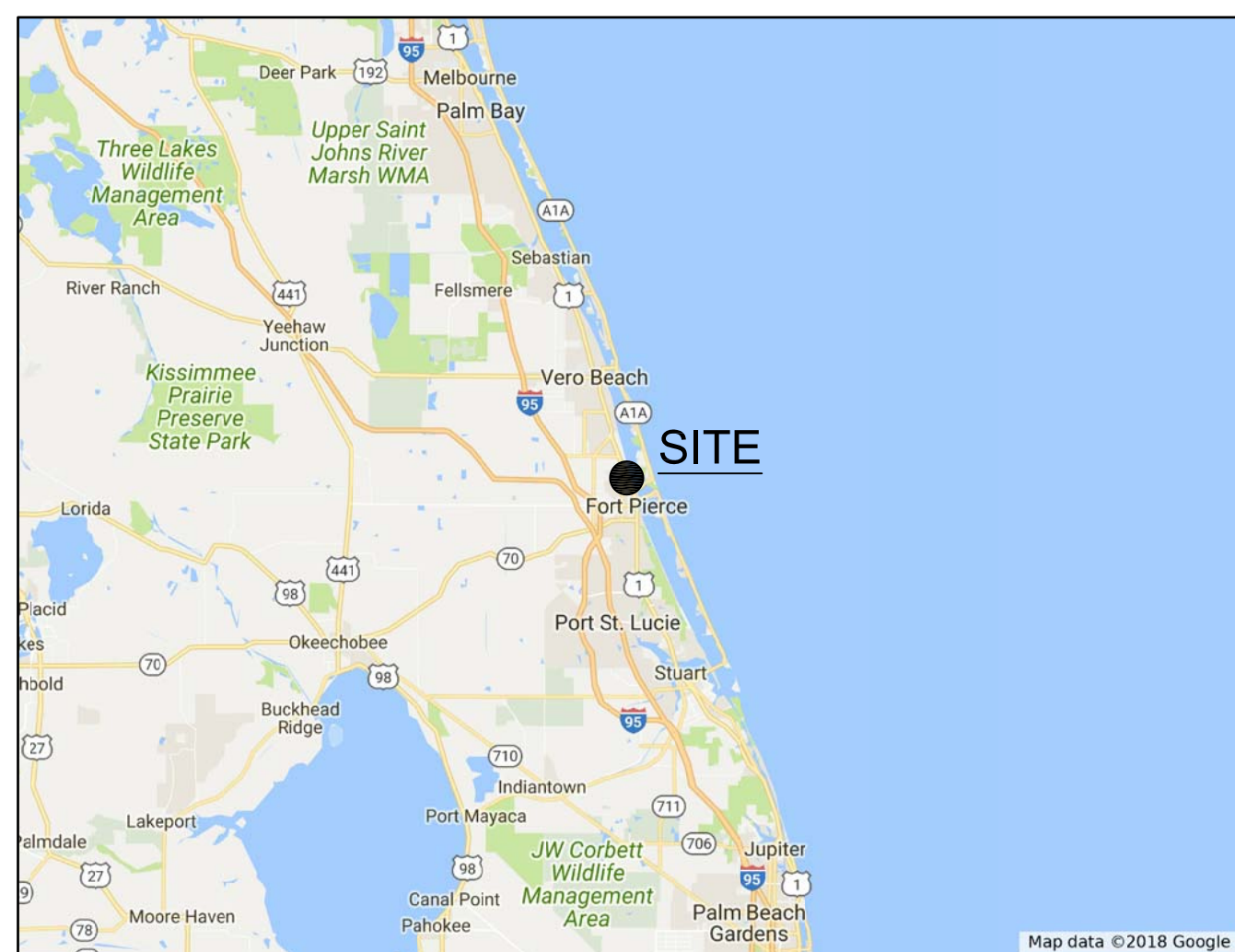
SHOPPING CENTER 66,707 SF @ 1/250 SF = 267 SPACES  
TOTAL PROVIDED = 278 SPACES INC. 11 H/CSPACES

### IMPERVIOUS AREA

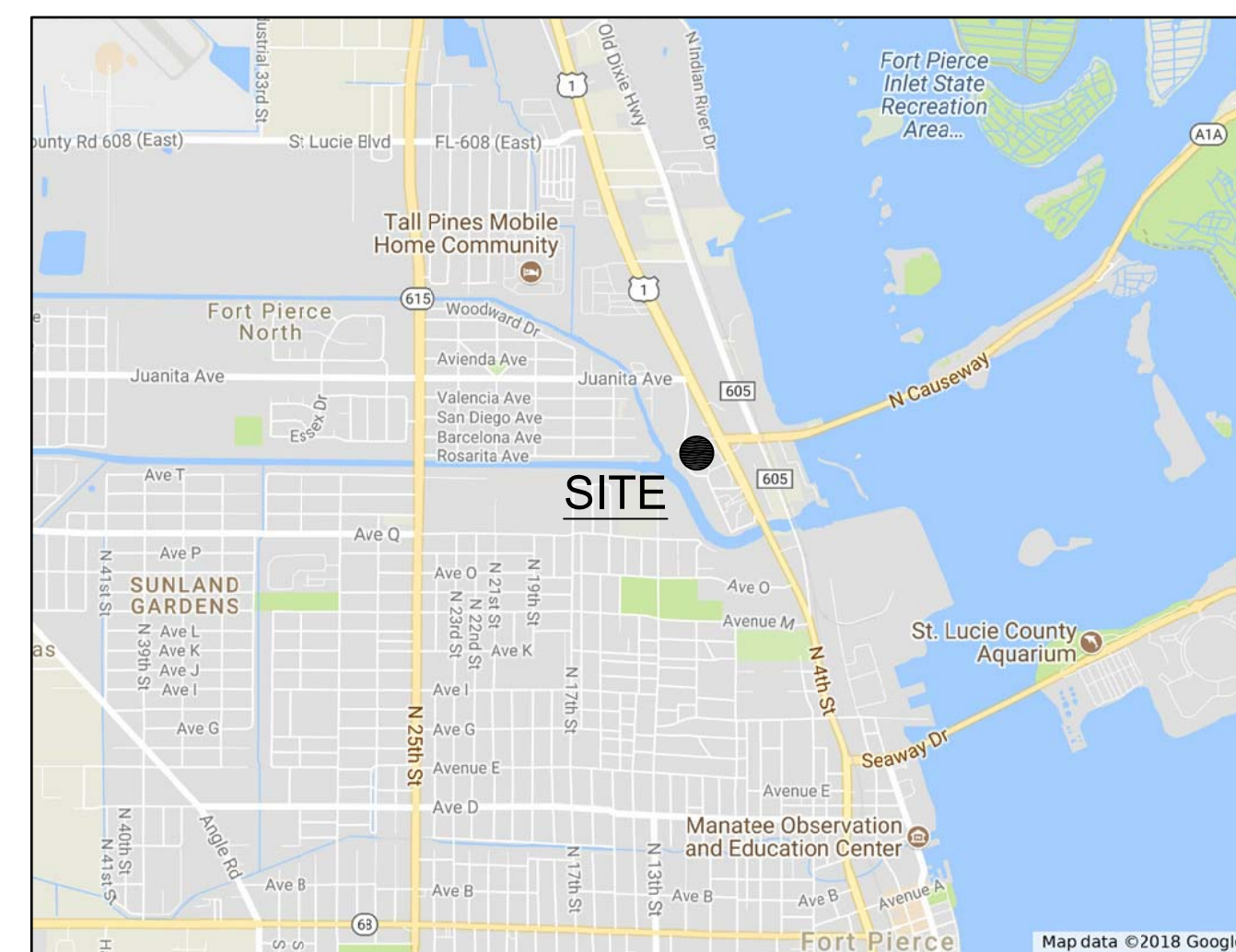
EXISTING = 312,880 SF  
ORIGINALLY PERMITTED = 322,780 SF  
PROPOSED = 318,560 SF

## DRAWING INDEX

- C0.00 - COVER SHEET
- C0.01 - SURVEY WITH EASEMENT LOCATIONS
- C0.02 - GENERAL NOTES
- C1.00 - SITE AERIAL
- C2.00 - DEMOLITION & EROSION CONTROL PLAN
- C2.10 - DEMOLITION & EROSION CONTROL PLAN
- C2.20 - EROSION CONTROL NOTES & DETAILS
- C3.00 - CONSTRUCTION STAGING & SAFETY PLAN
- C4.00 - OVERALL SITE PLAN
- C4.10 - GEOMETRY, STRIPING & SIGNAGE PLAN
- C4.20 - GEOMETRY, STRIPING & SIGNAGE PLAN
- C4.30 - PUBLIX SITE DETAILS
- C4.40 - ADA ACCESSIBLE ROUTE PLAN
- C5.00 - PAVING PLAN
- C6.00 - GRADING PLAN
- C6.10 - GRADING PLAN
- C6.20 - DRAINAGE PLAN
- C6.30 - PAVING, GRADING & DRAINAGE DETAILS
- C7.00 - OVERALL UTILITY PLAN
- C7.10 - PUBLIX BACK OF STORE UTILITY PLAN
- C7.20 - UTILITY DETAILS
- C8.00 - TRUCK ROUTING PLAN
- L1.01 - LANDSCAPE PLAN
- L1.02 - LANDSCAPE DETAILS
- L1.03 - TREE PRESERVATION PLAN
- IR.01 - IRRIGATION PLAN
- IR.02 - IRRIGATION DETAILS



VICINITY MAP  
N.T.S.



LOCATION MAP  
N.T.S.

## GENERAL INFORMATION



**OWNER:**  
PUBLIX SUPER MARKETS, INC.  
P.O. BOX 32025  
LAKELAND, FLORIDA 33802



**CIVIL ENGINEER:**  
CRIBB PHILBECK WEAVER GROUP  
3918 N. HIGHLAND AVENUE  
TAMPA, FLORIDA 33603  
PHONE (813) 361-2644  
CERTIFICATE OF AUTH. NO. 26618  
MICHAEL E. STALZER, PE 79935



**LANDSCAPE ARCHITECT:**  
CRIBB PHILBECK WEAVER GROUP  
PHONE (813) 361-2644  
MATTI RUKHOLM PLA, 6667261



**DEVELOPER:**  
WILLIAM HANKS  
CWH REAL ESTATE SERVICES  
1012 AVON AVE.  
LAKELAND, FLORIDA 33801  
863-608-4046

**ARCHITECT:**  
JOHN MESSINA  
FISHER AND ASSOCIATES, LLC  
2315 BELLEAIR ROAD  
CLEARWATER, FL 33764  
PHONE: 727-443-4436

**SURVEYOR:**  
AEI CONSULTANTS  
2500 CAMINO DIABLO  
WALNUT CREEK, CA 94597  
PHONE: 925-746-6000

## UTILITY INFORMATION

**WATER & SEWER:**  
FORT PIERCE UTILITY AUTHORITY  
CONTACT: JAMES CARNES, P.E.  
1707 S. 37TH STREET (34947)  
PO BOX 3191  
FORT PIERCE, FL 34948-3191  
(727) 466-1600 X3472

**ELECTRIC:**  
FORT PIERCE UTILITY AUTHORITY  
CONTACT: SAL SCIMECA  
1707 S. 37TH STREET (34947)  
PO BOX 3191  
FORT PIERCE, FL 34948-3191  
(727) 466-1600 X6957

**GAS:**  
FORT PIERCE UTILITY AUTHORITY  
CONTACT: FRED GADDIS  
1707 S. 37TH STREET (34947)  
PO BOX 3191  
FORT PIERCE, FL 34948-3191  
(727) 466-1600 X4900

1	08/27/18	PER COMMENTS	CPWG 3918 N. HIGHLAND TAMPA, FL 813-361-2644		CWH REAL ESTATE SERVICES	PUBLIX SUPER MARKET FORT PIERCE STORE #1682	COVER SHEET	SHEET NUMBER
0	07/31/18	ISSUED FOR PERMITTING						MICHAEL STALZER, PE FLORIDA REG. PROF. ENGINEER No.: 79953
NO.	DATE	REVISION						C0.00
								OF 27 SHEETS

LEGAL DESCRIPTION

TITLE COMMITMENT INFORMATION

BEARING BASIS

STATEMENT OF ENCROACHMENTS

LEGAL DESCRIPTION CONTINUED

WETLANDS

Description for code E1UBLX: E System ESTUARINE: The Estuarine System describes deepwater tidal habitats and adjacent tidal wetlands that are influenced by water runoff from and often semi-enclosed by land. They are located along low-energy coastlines and they have variable salinity.

FLOOD NOTE

FLOOD NOTE: BASED ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE AT WWW.FEMA.GOV, AND BY GRAPHIC PLOTTING ONLY. THIS PROPERTY IS LOCATED IN ZONES "X" & "A" ON FLOOD INSURANCE RATE MAP NUMBER 1211C01774, WHICH BEARS AN EFFECTIVE DATE OF 2/16/2012 AND IS PARTIALLY IN A SPECIAL FLOOD HAZARD AREA, BY REVIEWING FLOOD MAPS PROVIDED BY THE NATIONAL FLOOD INSURANCE PROGRAM WE HAVE LEARNED THIS COMMUNITY DOES PARTICIPATE IN THE PROGRAM.

SCHEDULE "B" ITEMS

- 1. DEFECTS, LIENS, ENCUMBRANCES, ADVERSE CLAIMS OR OTHER MATTERS, IF ANY, CREATED, FIRST APPEARING IN THE PUBLIC RECORDS OR ATTACHING SUBSEQUENT TO THE EFFECTIVE DATE HEREOF BUT PRIOR TO THE DATE THE PROPOSED INSURANCE POLICY FOR VALUE OF RECORD THE ESTATE OR INTEREST OR MORTGAGE THEREON COVERED BY THIS COMMITMENT. (NOT SURVEY RELATED)

- 14. SHORT FORM LEASE AGREEMENT BY AND BETWEEN TAYLOR CREEK, LLC, A FLORIDA LIMITED LIABILITY COMPANY, LESSOR AND FAMILY DOLLAR STORES OF FLORIDA, INC., A FLORIDA CORPORATION, LESSEE, RECORDED AUGUST 5, 2010, IN OFFICIAL RECORDS BOOK 3218, PAGE 2421. (NOT SURVEY RELATED)

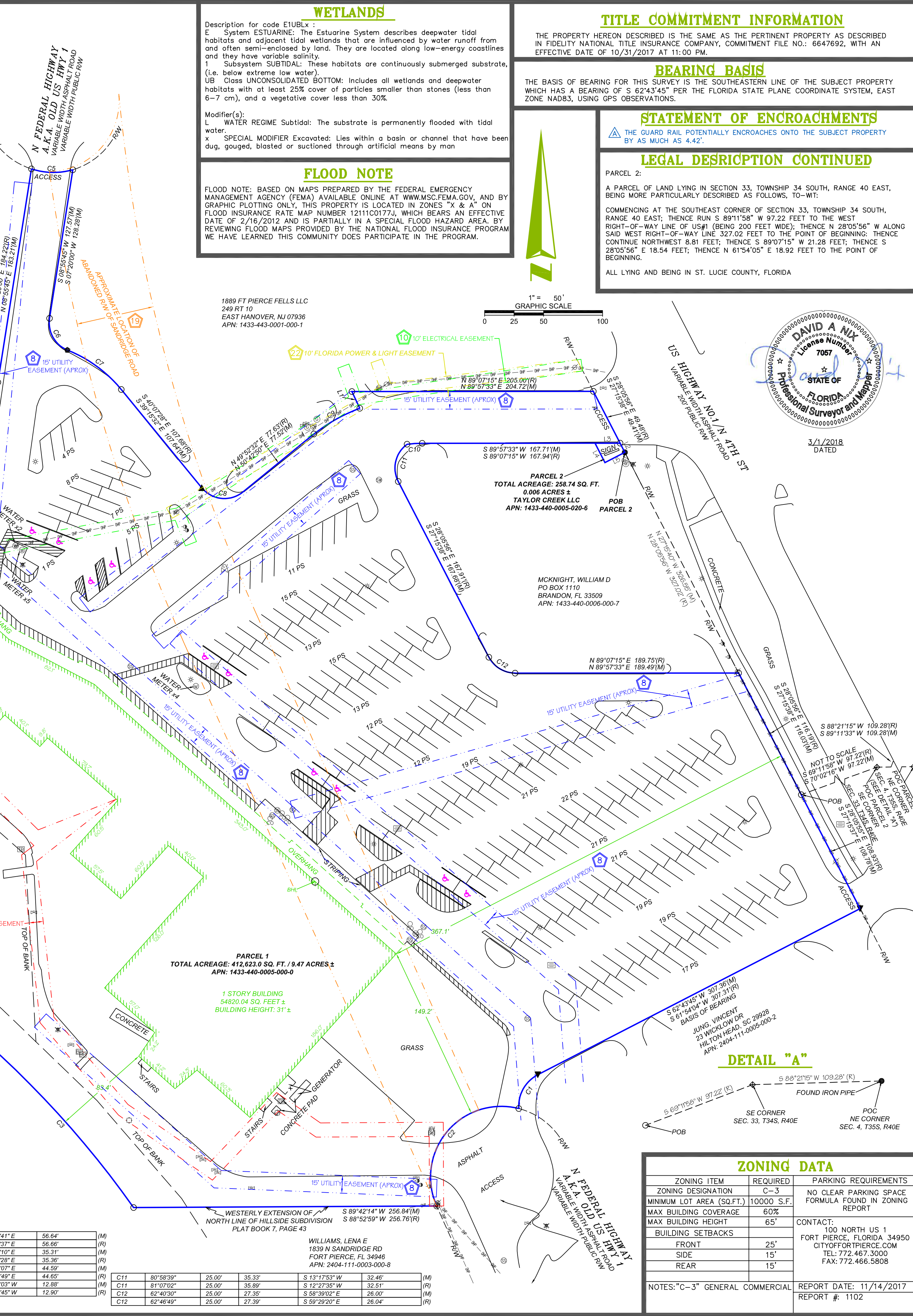
- 7. EASEMENT GRANTED TO FORT PIERCE UTILITIES AUTHORITY OF THE CITY OF FORT PIERCE AS RECORDED IN OFFICIAL RECORDS BOOK 698, PAGE 769. (AFFECTS, PLOTTED AND SHOWN)

LAND AREA: 412,623.0± SQUARE FEET, 9.47± ACRES. VICINITY MAP: NOT TO SCALE. PARKING STALLS: REGULAR=275, HANDICAP=10, TOTAL=285.

LEGEND: SURVEY FEATURES, EASEMENTS, UTILITY LINES, SURVEY FEATURE HATCHES. Includes symbols for boundary lines, easements, utility lines, and various hatching patterns.

SITE PICTURE: Aerial photograph of the site showing the building, parking lot, and surrounding area.

Table with columns: LINE, BEARING, DISTANCE, CURVE, DELTA ANGLE, RADIUS, ARC LENGTH, CHORD BEARINGS, CHORD LENGTH. Lists survey data for various lines and curves.



ZONING DATA table with columns: ZONING ITEM, REQUIRED, PARKING REQUIREMENTS. Lists zoning requirements for building setbacks, front, side, and rear.

GENERAL NOTES: 1. NO UNDERGROUND UTILITIES ARE SHOWN ON THIS SURVEY, UNLESS ABOVE GROUND VISIBLE EVIDENCE OF UTILITIES ARE SHOWN. 2. ALL STATEMENTS WITHIN THE CERTIFICATION, AND OTHER REFERENCES LOCATED ELSEWHERE HEREON, RELATED TO: UTILITIES, IMPROVEMENTS, STRUCTURES, BUILDINGS, PARTY WALLS, PARKING, EASEMENTS, SERVITUDES, AND ENCROACHMENTS ARE BASED SOLELY ON THE VISIBLE EVIDENCE, UNLESS ANOTHER SOURCE OF INFORMATION IS SPECIFICALLY REFERENCED HEREON.

SURVEYOR'S CERTIFICATE: The undersigned, on behalf of Blew and Associates P.A., David A. Nix, hereby certifies to Sachar Zelman Hartman, P.A.; Public Super Markets, Inc., a Florida corporation; Red Sub, LLC, a Florida limited liability company and Fidelity National Title Insurance Company that: (a) the survey represented hereon is an accurate survey of all of the real property legally described herein; (b) the survey property and accurately indicates and locates all of the improvements which are shown hereon; (c) the survey was prepared under the direct supervision and control of the undersigned from an actual survey made of the real property legally described herein; (d) there are no encroachments either across property lines or zoning restrictions lines in effect as of the date of the survey other than as shown hereon; (e) the survey property designates and locates all visible or recorded encumbrances as shown in Title Commitment 6647692, issued by Fidelity National Title Insurance Company, dated October 31, 2017 at 11:00 p.m. as of the date of the survey; (f) all established building and setback lines or restrictions of record (as disclosed by the Title Commitment), established by law, or known to the surveyor after inquiry are accurately indicated and located hereon; (g) the property is not used for drainage, ingress or egress, or any other purpose except as is shown hereon; (h) utility services for electricity, water, sewer and telephone either enter the property through adjoining public streets, or, if they pass through or are located on private land, do so in accordance with easements inuring to the owner of the property which are shown hereon; (i) ingress and egress to the subject property is provided by a Federal Highway a.k.a. US Highway 1 and North 4th Street upon which the property abuts, the same being paved and dedicated right-of-way maintained by St. Lucie County, Florida; (j) the property is located in Flood Zones 'A' & 'X' in accordance with the Federal Emergency Management Agency Flood Insurance Rate Map; and (k) the total number of regular striped parking spaces located on the subject property is 275, and the total number of handicap striped parking spaces located on the subject property is 10, all of which are accurately depicted to scale.

AEI Consultants Environmental & Engineering Services. Contact information for David A. Nix, License # 7057.

**GENERAL NOTES:**

- ALL CONSTRUCTION SHALL MEET THE LATEST CODES, STANDARDS, REGULATIONS & REQUIREMENTS OF THE CITY OF FORT PIERCE, OR THE FLORIDA DEPT. OF TRANSPORTATION WHICHEVER IS MORE STRINGENT.
- THE LOCATION OF ALL EXISTING UTILITIES AND TOPOGRAPHIC FEATURES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE SIZE AND LOCATION OF ALL EXISTING UTILITIES SHOWN AND NOT SHOWN ON THESE PLANS AND RELATED CONSTRUCTION PRIOR TO COMMENCEMENT OF WORK. SHOULD A DISCREPANCY ARISE BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, WHICH WOULD APPRECIABLY AFFECT THE EXECUTION OF THE CONSTRUCTION DEPICTED ON THESE PLANS, THE CONTRACTOR WILL HALT CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY.
- THE CONTRACTOR SHALL ADEQUATELY PROTECT ALL EXISTING STRUCTURES AND UTILITIES FROM DAMAGE OR DISPLACEMENT DURING CONSTRUCTION. IN THE EVENT OBSTRUCTIONS ARE ENCOUNTERED, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER, AND THE UTILITY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INCURRED TO REPAIR DAMAGE OR CORRECT DISPLACEMENT.
- THE CONTRACTOR SHALL NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES WHICH ARE OCCUPIED OR IN USE WITHOUT WRITTEN PERMISSION OF THE UTILITY COMPANY.
- THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER, ANY EXTRA WORK REQUESTED BY ANY REGULATORY AGENCY THAT IS NOT SHOWN ON THE PLANS. THE CONTRACTOR IS NOT TO PROCEED WITH ANY ADDITIONAL WORK WITHOUT PROPER WRITTEN AUTHORIZATION FROM THE OWNER.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO INSURE AGAINST POLLUTING, SILTING, OR DISTURBING TO SUCH AN EXTENT AS TO CAUSE AN INCREASE IN TURBIDITY TO EXISTING WATER BODIES. SUCH MEASURES SHALL BE APPROVED BY THE PROJECT ENGINEER AND MAY INCLUDE, BUT NOT BE LIMITED TO, CONSTRUCTION OF TEMPORARY EROSION CONTROL STRUCTURES SUCH AS SEDIMENT BASINS, SEDIMENT CHECKS, OR SILT BARRIERS AT CONTRACTOR'S EXPENSE.
- FOR BENCHMARKS/HORIZONTAL CONTROL, CONTACT THE CITY OF FORT PIERCE.
- BENCHMARKS, SURVEY MONUMENTS AND/OR OTHER REFERENCE POINTS SHALL BE CAREFULLY MAINTAINED. IF DISTURBED OR DESTROYED, THESE POINTS SHALL BE REPLACED BY THE CONTRACTOR'S SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- SOD SHALL BE PER LANDSCAPE ARCHITECT'S SPECIFICATIONS. ALL SLOPES 4:1 OR STEEPER SLOPES SHALL BE SODDED. ON STEEPER SLOPES, SOD SHALL BE STAKED IN PLACE.
- ALL SOIL STRIPPINGS AND ANY UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE OWNER.
- AS-BUILT DRAWINGS SHALL BE GENERATED BY THE CONTRACTOR AND SUBMITTED TO THE PROJECT ENGINEER UPON PROJECT COMPLETION.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL TREES AND OTHER VEGETATION OUTSIDE THE LIMITS OF CONSTRUCTION.
- ANY AND ALL PERMITS REQUIRED FOR CONSTRUCTION PURPOSES (LABOR, R.O.W., UTILIZATION, ETC.) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS AND/OR EASEMENTS BEFORE BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRASH AND RUBBLE FROM THE SITE.
- CONTRACTOR SHALL PROVIDE AN EROSION CONTROL PLAN TO THE DAYTONA BEACH SHORES ENGINEER FOR APPROVAL PRIOR TO THE PRECONSTRUCTION MEETING. THE SILT FENCE SHALL BE SHOWN ON DRAWINGS.
- THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF APPROVED CONSTRUCTION PLANS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION.
- SHOP DRAWINGS OF ALL MATERIAL BEING USED FOR CIVIL SITE WORK SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH CURRENT FLORIDA D.O.T. STANDARD INDEXES AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. CONTRACTOR SHALL PRESENT HIS MAINTENANCE OF TRAFFIC PLANS AT THE PRE-CONSTRUCTION MEETING FOR APPROVAL.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE OF THE SITE TO THE PROPOSED INLETS AS SHOWN BY PROPOSED GRADES OR OTHERWISE INDICATED BY FLOW ARROWS.
- FLORIDA STATUTE 553.851 (1978) REQUIRES THAT BEFORE EXCAVATION, NOTICE BE GIVEN TO THE UTILITY OWNER A MINIMUM OF TWO (2) DAYS AND A MAXIMUM OF FIVE (5) DAYS, EXCLUDING SATURDAY, SUNDAY AND LEGAL HOLIDAYS. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE SUNSHINE STATE ONE CALL 1-800-432-4770.
- PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.
- HANDICAP PARKING SPACES SHALL BE MARKED BY THE INTERNATIONAL HANDICAP SYMBOL AND EACH SPACE SHALL BE PROVIDED WITH A SIGN STATING "PARKING BY DISABLED PERMIT ONLY". ALL HANDICAP ACCESS POINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE HANDICAP CODES.
- ALL PARKING LOT DIMENSIONS ARE TO THE FACE OF THE CURB.
- PARKING STALLS TO BE MARKED WITH WHITE PAINT.
- DOUBLE YELLOW STRIPING, HANDICAP, STOP BARS AND FIRELANE STRIPING TO BE THERMOPLASTIC.
- CONTRACTOR IS TO ADJUST ANY UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN OUT MANHOLES, CATCH BASINS, INLETS, ,ETC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
- ELECTRICAL, TELEPHONE, GAS AND CABLE TELEVISION SERVICE WILL BE PROVIDED BY THE APPROPRIATE UTILITY COMPANIES. THE CONTRACTOR SHALL COORDINATE LOCATIONS AND SERVICES FOR THESE UTILITIES WITH THE ENTITIES INVOLVED.
- PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES (STOP SIGNS, SIGNALS ETC.) SHALL BE INSTALLED IN CONCRETE PER MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS.
- ALL CONSTRUCTION SHALL BE PER CITY OF FORT PIERCE ENGINEERING STANDARDS AND LAND DEVELOPMENT CODE (LDC) STANDARDS.

**PAVING AND DRAINAGE**

- ALL PAVEMENT MARKING SHALL BE AS PER CITY OF FORT PIERCE LATEST STANDARDS OR FDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS.
- ALL PAVEMENT RETURN RADII SHALL BE MEASURED FROM THE FACE OF CURB.
- ALL MEDIANS AND ISLANDS ARE TO BE FILLED WITH CLEAN SAND/SOIL FOR PLANTINGS. APPROVAL OF MATERIAL BY A LANDSCAPE ARCHITECT IS REQUIRED.
- ALL CURBS AND CURB AND GUTTER SHALL BE CONSTRUCTED TO THE LINES AND GRADES CALLED FOR ON THE PLANS. ANY CURB OR CURB AND GUTTER WHICH IS NOT CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING TOLERANCES SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
  - MAXIMUM VARIANCE IN HORIZONTAL ALIGNMENT – 0.10 FEET
  - MAXIMUM VARIANCE IN VERTICAL ALIGNMENT – 0.02 FEET
  - MINIMUM CONTOUR SLOPE = 0.24%
 MINIMUM GUTTER SLOPE SHALL APPLY TO ALL LOCATIONS EXCEPT AT HIGH POINTS AND LOW POINTS CALLED FOR ON THE PLANS. ANY CRACKED, CHIPPED, STAINED OR DEFACED CURBING FOUND PRIOR TO OR AT THE FINAL INSPECTIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL INSTALL DROP CURBS AND HANDICAP ACCESS RAMPS AT ALL INTERSECTIONS OF THE SIDEWALK WITH THE PROPOSED PAVEMENT.
- ALL CURBS, INLET THROATS, INLET TOPS AND CURB TIE-INS SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF PAVEMENT BASE.
- PIPE LENGTHS SHOWN REPRESENT SCALED DISTANCES BETWEEN CENTERLINES OF DRAINAGE STRUCTURES.
- ALL STORMWATER PIPE SHALL BE CLASS III RCP, UNLESS OTHERWISE NOTED ON THE PLANS.
- PIPE WITH LIFTING HOLES WILL NOT BE ALLOWED IN ROADWAYS AND IS NOT APPROVED FOR ROADWAY CONSTRUCTION.
- ALL INLETS GRATES SHALL BE STEEL PER FDOT INDEX NO. 232
- ALL MANHOLE AND INLET STRUCTURES SHALL BE PRECAST CONCRETE
- CONTRACTOR SHALL DETERMINE THE BOTTOM SIZE OF ALL DRAINAGE STRUCTURES SO AS TO FIT ALL REQUIRED PIPES.
- DITCH BOTTOM AND CONTROL STRUCTURE INLET GRATES SHALL BE SECURED BY CHAIN AND EYEBOLT.
- ALL NON-PAVED DISTURBED AREAS TO BE SODDED UNLESS OTHERWISE NOTED.
- ALL PAVEMENT, PAVEMENT BASE, CURBING, STORMWATER SYSTEMS, WATER SYSTEMS AND SANITARY SEWER SYSTEMS THAT ARE TO BE DEMOLISHED AND REMOVED SHALL BE DISPOSED OF OFF-SITE BY THE SITE CONTRACTOR, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- CONTRACTOR IS TO OBTAIN A COPY OF THE SOILS REPORT AND ABIDE BY ALL RECOMMENDATIONS. FOLLOWING THESE RECOMMENDATIONS IS REQUIRED AS PART OF THIS WORK.
- CONTRACTOR SHALL CONFORM TO SPPC, 1982 EDITION, 18.106 TO WIT: "DURING CONSTRUCTION, WHEN COMBUSTIBLES ARE BROUGHT ON TO THE SITE IN SUCH QUANTITIES AS DEEMED HAZARDOUS BY THE FIRE OFFICIAL", ACCESS ROADS AND A SUITABLE TEMPORARY SUPPLY OF WATER ACCEPTABLE TO THE FIRE DEPARTMENT SHALL BE PROVIDED AND MAINTAINED."
- FIVE (5) FEET OF SOD IS REQUIRED AROUND ALL DITCH BOTTOM INLETS, MANHOLES, HEADWALLS, ETC.
- ALL MITERED END SECTIONS SHALL HAVE A PROTECTIVE GRATE PER FDOT INDEX NO. 273, REGARDLESS OF SIZE, AND SHALL BE FIELD CUT TO MATCH POND SIDE SLOPE.

**EROSION AND SEDIMENT CONTROL NOTES:**


- AN EROSION CONTROL PLAN SHALL BE PREPARED BY THE CONTRACTOR AND APPROVED PRIOR TO SCHEDULING OF PRE-CONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL EXECUTE ALL MEASURES NECESSARY TO LIMIT THE TRANSPORT OF SEDIMENTS OUTSIDE THE LIMITS OF THE PROJECT TO THE VOLUME AND AMOUNT AS THAT ARE EXISTING PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THIS CONDITION WILL BE SATISFIED FOR THE TOTAL ANTICIPATED CONSTRUCTION PERIOD. PROVISION MUST BE MADE TO PRESERVE THE INTEGRITY AND CAPACITY OF CHECK WEIRS, SEDIMENT BASINS, SLOPE DRAINS, GRADING PATTERNS, ETC. REQUIRED TO MEET THIS PROVISION THROUGHOUT THE LIFE OF THE CONSTRUCTION. CONTRACTOR SHALL PROVIDE HAY BALES, TEMPORARY GRASSING ETC. AS REQUIRED TO FULLY COMPLY WITH THE INTENT OF THIS SPECIFICATION.
- STOCKPILING MATERIAL. NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DRAIN DIRECTLY OFF THE PROJECT SITE OR INTO ANY ADJACENT WATER BODY OR STORMWATER COLLECTION FACILITY.
  - EXPOSED MATERIAL. THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING, OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 40 ACRES SO LONG AS THIS OPERATION WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS.
  - INLET PROTECTION. THE CONSTRUCTION OF SWALES AND THE STORM WATER COLLECTION SYSTEM SHALL BE PERFORMED PRIOR TO CONSTRUCTION OF IMPERVIOUS AREAS. INLETS AND CATCH BASINS SHALL BE PROTECTED FROM SEDIMENT LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.
  - TEMPORARY SEEDING. AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN THIRTY DAYS SHALL BE SEEDDED WITH A QUICK-GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPLETE WITH THE PERMANENT GRASSING. THE RATE OF SEEDING SHALL BE 30 LBS. PER ACRE.
  - TEMPORARY GRASSING. SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN 4 ABOVE, SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDDED AREA TO A DEPTH OF FOUR INCHES.
  - TEMPORARY GRASSING. THE SEEDED OR SEEDDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED AS REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.
  - TEMPORARY REGASSING. IF AFTER FOURTEEN DAYS, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75% GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATION COVER.
  - MAINTENANCE. ALL FEATURES OF THE PROJECT WILL BE CONSTRUCTED TO PREVENT EROSION AND SEDIMENT AND SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION PROPERLY WITHOUT THE TRANSPORT OF SEDIMENTS OUTSIDE THE LIMITS OF THE PROJECT
  - DUST ABATEMENT. DUST SHALL BE CONTROLLED WITH USE OF WATER AND CALCIUM CHLORIDE.

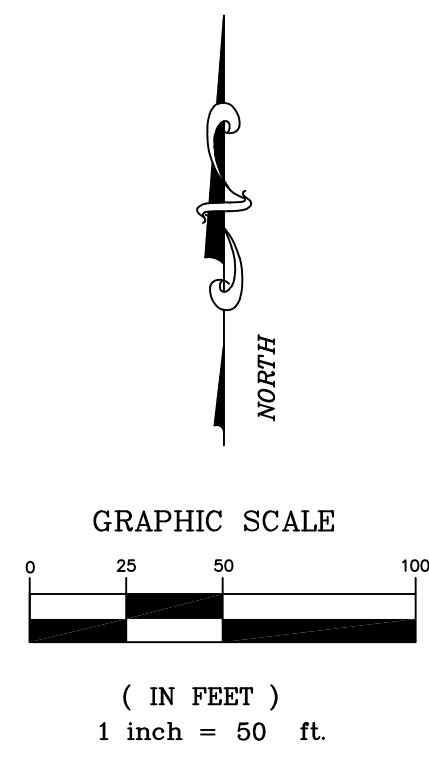
**FILL PLACEMENT**

- AFTER THE CONTRACTOR PROOF ROLLS THE SITE IN ACCORDANCE WITH THE ABOVE RECOMMENDATIONS, THE CONTRACTOR SHOULD PLACE AND COMPACT FILL REQUIRED TO BRING THE SITE TO FINAL GRADE. WE RECOMMEND THAT ALL FILL BE SELECTED, PLACED AND COMPACTED AS FOLLOWS:
  - USE FILL MATERIAL COMPRISED OF NON-PLASTIC SANDS WITH LESS THAN ABOUT 12% FINES CONTENT. THE FILL SHOULD NOT CONTAIN ANY SIGNIFICANT AMOUNT OF ORGANIC SUBSTANCES (LESS THAN 3% BY WEIGHT) OR OTHER DELETERIOUS MATERIALS.
  - PLACE FILL IN LEVEL LIFTS NO THICKER THAN 12 INCHES. THINNER LIFTS MAY BE NEEDED TO ACHIEVE COMPACTION ON THE SILTY OR CLAYEY SANDS.
  - COMPACT FILL TO A MINIMUM OF 95% OF THE SOIL'S MODIFIED PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY ASTM STANDARD D-1557 FOR EACH LIFT OF FILL PLACED.
  - ALLOW AN ENGINEERING TECHNICIAN, WORKING UNDER THE DIRECTION OF REGISTERED GEOTECHNICAL ENGINEER, TO PERFORM IN-PLACE DENSITY TESTS TO VERIFY THAT THE RECOMMENDED DEGREE OF COMPACTION HAS BEEN ACHIEVED.
  - EXTEND FILL A MINIMUM OF 5 FEET BEYOND BUILDING LIMITS TO PREVENT POSSIBLE EROSION OR UNDERMINING OF FOOTING BEARING SOILS.
  - PROVIDE FILL SLOPE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL.

**WATER MAIN NOTES:**

- DUCTILE IRON PIPE SHALL CONFORM TO ANSI/AWWA A21.51/C151. PIPE OF NOMINAL DIAMETER FOUR (4) INCHES THROUGH TWELVE (12) INCHES SHALL BE PRESSURE CLASS 350.
- EACH LENGTH OF PIPE SHALL BEAR THE NAME OR TRADEMARK OF THE MANUFACTURER, THE LOCATION OF THE MANUFACTURING PLANT, AND THE CLASS OR STRENGTH CLASSIFICATION OF THE PIPE. THE MARKINGS SHALL BE PLAINLY VISIBLE ON THE PIPE BARREL. PIPE, WHICH IS NOT CLEARLY MARKED, IS SUBJECT TO REJECTION. THE CONTRACTOR SHALL REMOVE ALL REJECTED PIPE FROM THE PROJECT SITE WITHIN FIVE (5) NORMAL WORKING DAYS.
- JOINTS FOR DUCTILE IRON PIPE SHALL BE PUSH-ON OR MECHANICAL JOINTS CONFORMING TO ANSI/AWWA A21.11/C111. RESTRAINED OR FLANGED JOINTS SHALL BE PROVIDED WHERE CALLED FOR IN THE PLANS. FLANGED JOINTS SHALL CONFORM TO ANSI STANDARD B 16.1-125 POUNDS.
- DUCTILE IRON FITTINGS SHALL HAVE FUSION-BONDED EPOXY COATING IN ACCORDANCE WITH ANSI/AWWA C116.
- DUCTILE IRON PIPE SHALL HAVE AN INTERIOR PROTECTIVE LINING OF CEMENT MORTAR WITH A SEAL COAT OF ASPHALTIC MATERIAL IN ACCORDANCE WITH ANSI/AWWA A21.4/C104.
- THE EXTERIOR OF DUCTILE IRON PIPE SHALL BE COATED WITH ASPHALTIC MATERIAL IN ACCORDANCE WITH A MINIMUM ONE (1) MIL THICK IN ACCORDANCE WITH ANSI/AWWA A21.51/C151. ADDITIONAL APPLIED EXTERIOR COATINGS FOR ABOVE GROUND PIPE, FITTINGS AND VALVES SHALL BE THOROUGHLY CLEANED AND GIVEN ONE FIELD COAT (MINIMUM 1.5 MILS DRY THICKNESS) OF RESTRAINER PRIMER. INTERMEDIATE AND FINISHED FIELD COATS OF ALKYO SHALL ALSO BE APPLIED BY THE CONTRACTOR (MINIMUM 1.5 MIL DRY THICKNESS EACH COAT). PRIMER AND FIELD COATS SHALL BE COMPATIBLE AND SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. FINAL FIELD COAT SHALL BE BLUE FOR FINISHED WATER.
- GATE VALVES SHALL BE RESILIENT SEAT GATE VALVES, MANUFACTURED TO MEET OR EXCEED THE REQUIREMENTS OF AWWA C509, LATEST REVISION, AND IN ACCORDANCE WITH THESE SPECIFICATIONS. VALVES SHALL HAVE AN UNOBSTRUCTED WATERWAY EQUAL TO OR GREATER THAN THE FULL NOMINAL DIAMETER OF THE VALVE. VALVES SHALL HAVE A MINIMUM PRESSURE RATING OF TWO-HUNDRED (200) PSI FOR SIZES 12 INCHES AND SMALLER AND A MINIMUM PRESSURE RATING OF ONE-HUNDRED-FIFTY (150) PSI FOR SIZES LARGER THAN 12 INCHES. ALL VALVES ARE TO BE TESTED IN STRICT ACCORDANCE WITH AWWA C509. ALL VALVES SHALL OPEN LEFT OR COUNTER CLOCKWISE. THE VALVES SHALL BE NON-RISING STEMS WITH THE STEM MADE OF CAST, FORGED, OR ROLLED BRONZE AS SPECIFIED IN AWWA C509. TWO (2) STEM SEALS SHALL BE PROVIDED AND SHALL BE OF THE O-RING TYPE. THE STEM NUT MUST BE INDEPENDENT OF THE GATE. THE RESILIENT SEALING MECHANISM SHALL PROVIDE ZERO LEAKAGE AT TEST AND NORMAL WORKING PRESSURE WHEN INSTALLED WITH THE LINE FLOW FROM EITHER DIRECTION.
- ALL WATER MAIN SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF 6' FROM ANY EXISTING OR PROPOSED FORCE MAINS AND SANITARY SEWER MAINS.
- ALL PIPE AND FITTINGS SHALL BE INSPECTED PRIOR TO LOWERING INTO THE TRENCH TO INSURE NO CRACKED, BROKEN, OR OTHERWISE DEFECTIVE MATERIALS ARE BEING USED. CONTRACTOR SHALL CLEAN ENDS OF PIPE THOROUGHLY AND REMOVE FOREIGN MATTER AND DIRT FROM INSIDE OF THE PIPE AND KEEP CLEAN DURING AND AFTER LAYING. CONTRACTOR SHALL USE PROPER IMPLEMENTS, TOOLS, AND FACILITIES FOR THE SAFE AND PROPER PROTECTION OF THE WORK. CONTRACTOR SHALL LOWER PIPE INTO THE TRENCH IN SUCH A MANNER AS TO AVOID ANY PHYSICAL DAMAGE TO THE PIPE AND SHALL REMOVE ALL DAMAGED PIPE FROM THE JOB-SITE. CARE SHALL BE TAKEN TO NOT DROP OR DUMP PIPE INTO TRENCHES UNDER ANY CIRCUMSTANCES.
- NO CONNECTION SHALL BE MADE TO THE EXISTING CITY SYSTEM WITHOUT FIRST OBTAINING FDEP PERMIT. NOTIFICATION OF CONNECTION TO THE EXISTING CITY SYSTEM SHALL NOT OCCUR WITHOUT PRIOR NOTIFICATION TO THE CITY. THE CITY SHALL BE NOTIFIED AT LEAST THREE (3) DAYS IN ADVANCE TO SCHEDULE MAIN CONNECTIONS AND VALVE OPERATIONS. THE WATER, WASTEWATER, AND RECLAIMED WATER VALVES ARE TO BE OPERATED ONLY BY THE CITY. ALL VALVES INSTALLED ARE TO REMAIN CLOSED DURING CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN EXCAVATING IN PROXIMITY OF CITY UTILITIES. UTILITY LOCATIONS SHOWN ON PLANS ARE NOT EXACT OR GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING UTILITY LOCATIONS BOTH HORIZONTALLY AND VERTICALLY. THE CITY DISPATCH OPERATOR SHALL BE NOTIFIED IMMEDIATELY IN THE EVENT OF A FORCE MAIN, WATER MAIN, OR RECLAIMED WATER MAIN BREAK OR DAMAGE AT 407-703-1757. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL DAMAGE TO CITY MAINS, AT THE CONTRACTOR'S EXPENSE. IF THE REPAIR IS NOT MADE IN A TIMELY MANNER, AS DETERMINED BY THE CITY, THE CITY MAY PERFORM THE REPAIRS AND THE CONTRACTOR WILL BE CHARGED FOR THE REPAIRS
- HYDROSTATIC TESTS SHALL CONSIST OF PRESSURE AND LEAKAGE TESTS. HYDROSTATIC TESTS SHALL BE CONDUCTED ON ALL NEWLY LAID PRESSURE PIPES, JOINTS, AND VALVES INCLUDING ALL SERVICE LINES TO THE CURB STOPS. AIR TESTING OF PRESSURE PIPES WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCE. TESTS MAY BE MADE ON SECTIONS NOT EXCEEDING TWO-THOUSAND (2000) FEET WHEN ACCEPTABLE TO THE CITY. THE CONTRACTOR SHALL FURNISH ALL NECESSARY EQUIPMENT AND MATERIAL, MAKE ALL TAPS, AND FURNISH ALL CLOSURE PIECES IN THE PIPE AS REQUIRED. EQUIPMENT TO BE FURNISHED BY THE CONTRACTOR SHALL INCLUDE GRADUATED CONTAINERS, PRESSURE GAUGES, HYDRAULIC FORCE PUMPS, AND SUITABLE HOSES AND PIPING. THE CITY WILL MONITOR AND APPROVE A SATISFACTORY TEST. THE CONTRACTOR MAY CONDUCT HYDROSTATIC TESTS AFTER THE TRENCH HAS BEEN PARTIALLY BACKFILLED WITH THE JOINTS LEFT EXPOSED, FOR INFORMATIONAL PURPOSES ONLY. THE HYDROSTATIC TESTS FOR ACCEPTANCE SHALL BE CONDUCTED ONLY AFTER THE TRENCHES HAVE BEEN COMPLETELY BACKFILLED AND COMPACTED AS SPECIFIED. WHERE ANY SECTION OF PIPE IS PROVIDED WITH CONCRETE THRUST BLOCKING, PRESSURE TEST WILL NOT BE MADE UNTIL AT LEAST FIVE (5) DAYS HAVE ELAPSED AFTER THE THRUST BLOCKING IS INSTALLED. IF HIGH-EARLY STRENGTH CONCRETE IS USED FOR THE CONCRETE THRUST BLOCKING, THE TIME MAY BE REDUCED TO TWENTY-FOUR (24) HOURS IF THE CITY CONCURS THAT THE CONCRETE HAS CURED AND REACHED ADEQUATE STRENGTH. MECHANICALLY RESTRAINED JOINTS ARE REQUIRED.
- POTABLE WATER CONSTRUCTION SHALL MEET THE LATEST CODES AND MANUALS OF THE FORT PIERCE UTILITY AUTHORITY (FPUA).

			<i>CPWG</i> 3918 N. HIGHLAND TAMPA, FL 813-361-2644		MICHAEL STALZER, PE FLORIDA REG. PROF. ENGINEER No.: 79953 DATE: AUGUST 28, 2018	<i>CWH</i> <i>REAL ESTATE SERVICES</i>	PUBLIX SUPER MARKET FORT PIERCE STORE #1682	GENERAL NOTES	SHEET NUMBER <b>C0.02</b> OF 27 SHEETS
1	08/27/18	PER COMMENTS							
0	07/31/18	ISSUED FOR PERMITTING							
NO.	DATE	REVISION							



1	08/27/18	PER COMMENTS
0	07/31/18	ISSUED FOR PERMITTING
NO.	DATE	REVISION

CPWG  
3918 N. HIGHLAND  
TAMPA, FL  
813-361-2644



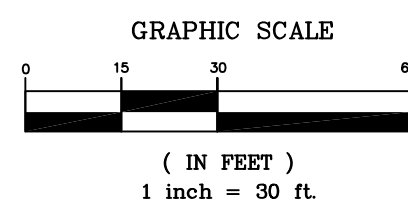
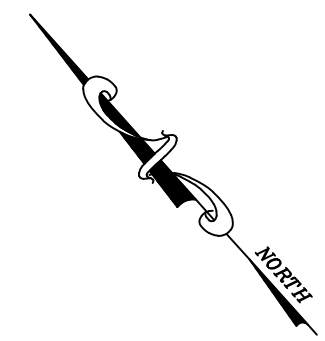
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

SITE AERIAL

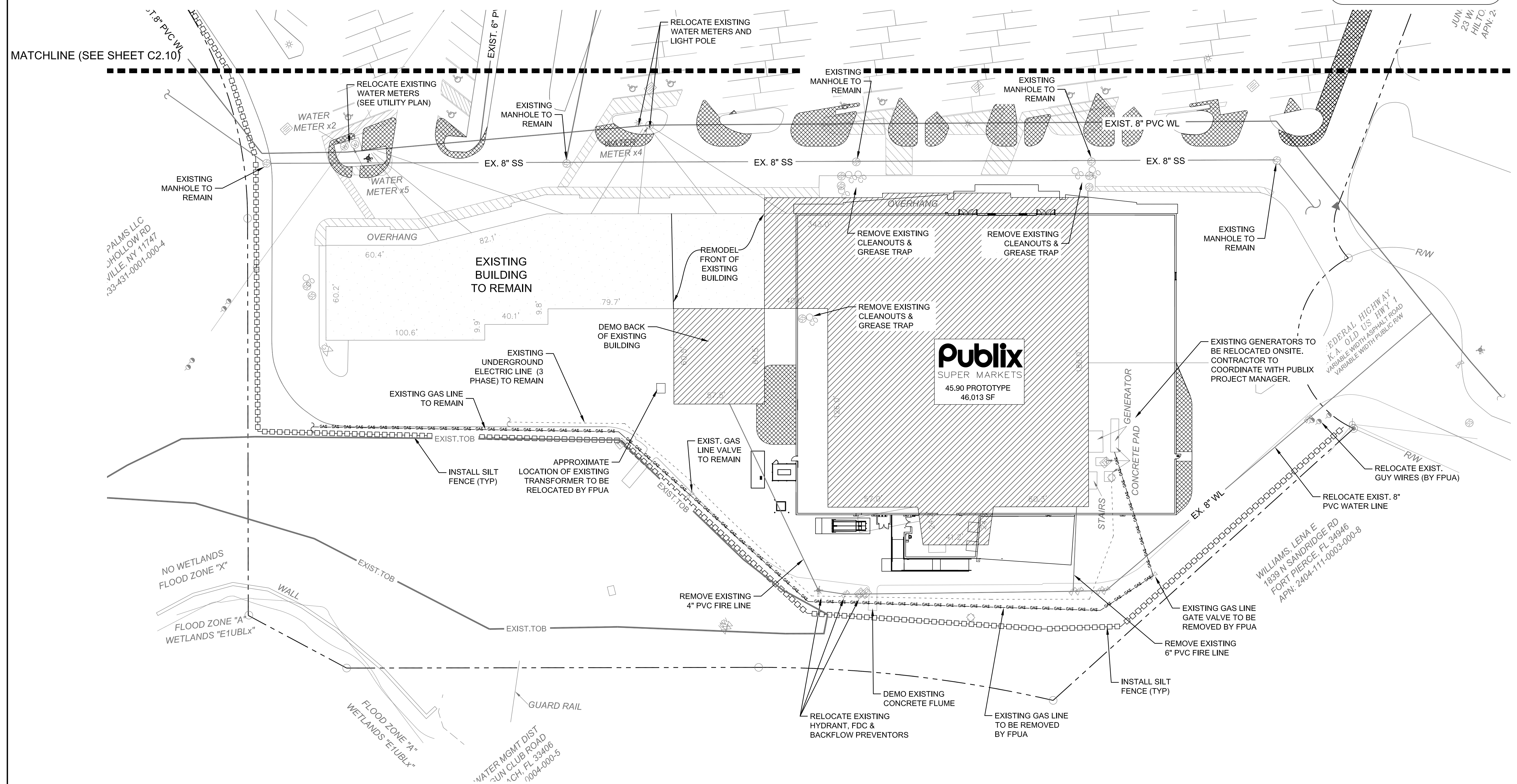
SHEET NUMBER  
**C1.00**  
OF 27 SHEETS



- DEMO NOTES:**
1. DEMO SHALL NOT BEGIN UNTIL ALL PERMITS ARE OBTAINED. CONSTRUCTION FENCING IS INSTALLED (SEE SHEET C3.00). EROSION CONTROL MEASURES ARE INSTALLED AND SITE IS INSPECTED BY ENGINEER OF RECORD (EOR).
  2. PAVEMENT REMOVAL AREAS ARE APPROXIMATE. SITE CONTRACTOR RESPONSIBLE TO REMOVE ALL EXISTING PAVEMENT AND BASE LOCATED IN NEW LANDSCAPE ISLAND AREAS. PAVEMENT REMOVAL AROUND BUILDING IS NOT SHOWN. SITE/BUILDING CONTRACTOR RESPONSIBLE FOR DETERMINING LIMIT OF PAVEMENT REMOVAL REQUIRED FOR NEW BUILDING CONSTRUCTION.

**LEGEND**

- PROPERTY LINE
- SILT FENCE
- TREE BARRICADE
- EXISTING BUILDING TO REMAIN
- PAVEMENT & BASE TO BE REMOVED
- BUILDING TO BE DEMOLISHED



PALMS LLC  
 31 HOLLOW RD  
 VILLE, NY 11747  
 33-431-0001-000-4

WILLIAMS, LENA E  
 1839 N SANDRIDGE RD  
 FORT PIERCE, FL 34946  
 APN: 2404-111-0003-000-8

WATER MGMT DIST  
 JUN CLUB ROAD  
 ACH, FL 33408  
 7004-000-5

NO.	DATE	REVISION
1	08/27/18	PER COMMENTS
0	07/31/18	ISSUED FOR PERMITTING

CPWG  
 3918 N. HIGHLAND  
 TAMPA, FL  
 813-361-2644



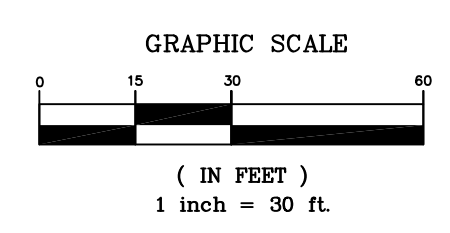
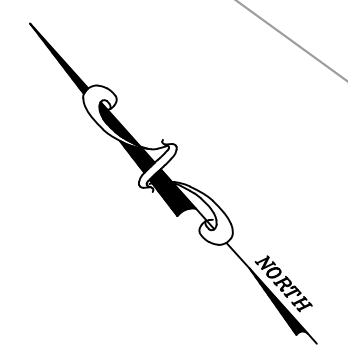
MICHAEL STALZER, PE  
 FLORIDA REG. PROF. ENGINEER No.: 79953  
 DATE: AUGUST 28, 2018



PUBLIX SUPER MARKET  
 FORT PIERCE  
 STORE #1682

DEMOLITION & EROSION  
 CONTROL PLAN

SHEET NUMBER
C2.00
OF 27 SHEETS



LEGEND	
	PROPERTY LINE
	SILT FENCE
	TREE BARRICADE
	EXISTING BUILDING TO REMAIN
	PAVEMENT & BASE TO BE REMOVED
	BUILDING TO BE DEMOLISHED

**DEMO NOTES:**

1. DEMO SHALL NOT BEGIN UNTIL ALL PERMITS ARE OBTAINED, CONSTRUCTION FENCING IS INSTALLED (SEE SHEET C3.00), EROSION CONTROL MEASURES ARE INSTALLED AND SITE IS INSPECTED BY ENGINEER OF RECORD (EOR).
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MATCHLINE (SEE SHEET C2.00)

NO.	DATE	REVISION
1	08/27/18	PER COMMENTS
0	07/31/18	ISSUED FOR PERMITTING

CPWG  
3918 N. HIGHLAND  
TAMPA, FL  
813-361-2644



MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

DEMOLITION & EROSION  
CONTROL PLAN

SHEET NUMBER  
**C2.10**  
OF 27 SHEETS

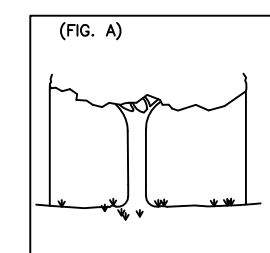
## TREE PROTECTION NOTES

- INSTALL TREE BARRICADES TO THE FULLEST EXTENT OF THE DRIP LINE OF ALL TREES AS POSSIBLE AND/OR TO THE MAXIMUM LIMIT OF IMPROVEMENTS AS POSSIBLE (OF COURSE REALIZING THAT THE TREE BARRICADES MAY HAVE TO BE "BACKED OFF" THE IMPROVEMENTS BY 6" TO 2' MAXIMUM TO INSTALL THE IMPROVEMENTS. DO NOT INSTALL TREE BARRICADES (SPECIFICALLY SILT FENCING MATERIAL) BY TRENCHING WITHIN THE DRIP LINE OF EXISTING TREES.
- MINOR PRUNING IS THE PRUNING OF A TREE BY THE REMOVING BRANCHES MEASURED NO GREATER THAN THREE INCHES IN DIAMETER AT THE POINT OF CONNECTION TO A SUPPORTING BRANCH AND SHALL BE IN ACCORDANCE TO THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A-300 PRUNING STANDARDS.
- ALL TRIMMING UNDERTAKEN ON A TREE PROTECTED BY THE PROVISIONS OF THE LAND DEVELOPMENT CODE SHALL BE IN ACCORDANCE WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A-300 PRUNING STANDARDS.
- DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, WITHIN THE DRIP LINE OF A TREE REMAINING ON SITE, UNLESS OTHERWISE APPROVED BY THE ADMINISTRATOR, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION, EXCEPT BY HAND, BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIP LINE OF A TREE TO REMAIN ON THE SITE.

## PROTECTIVE BARRIER REQUIREMENTS FOR EXISTING TREES TO REMAIN

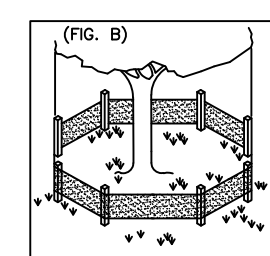
PROTECTIVE BARRIERS are used during land alterations and construction activities to protect trees and natural areas to be retained on a site.

PROTECTIVE BARRIERS must be erected around TREES to be retained within an area where land alteration and construction activities will occur as well as along NATURAL AREAS where such areas are adjacent to permitted land alteration or construction activities. A PROTECTIVE BARRIER must remain in place until the land alteration and construction activities are completed or until commencement of grade finishing and sodding. No ground disturbance must occur within the barricaded area. The following represents the County's minimum protective barrier specifications.



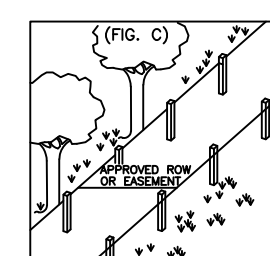
- TREES - To restrict access into the area within the CANOPY DRIP LINE of a tree, a physical structure not less than 3 feet in height, comprised of wood or other suitable material, is placed around the tree at the CANOPY DRIP LINE, except where land alterations or construction activities are approved within the CANOPY DRIP LINE.

The CANOPY DRIP LINE of a tree is the imaginary, vertical line that extends downward from the outermost tips of the tree's branches to the ground, Fig. A



### BARRIER SPECIFICATIONS FOR TREES:

Four corner upright stakes of no less than 2"x2" lumber connected by horizontal member of no less than 1"x4" lumber; or upright stakes spaced at 5' intervals of no less than 2"x2" lumber connected by silt screen fabric or material of comparable durability, Fig. B



### BARRIER SPECIFICATIONS FOR NATURAL AREAS:

Upright stakes of no less than 2"x2" lumber spaced no more than 25' apart and connected by twine flagged with plastic surveying tape at regular intervals of 5-10'. Fig. C. Other methods of demarcation will be considered depending upon the characteristics of the site.

### WHY A BARRIER:

- To protect all above ground portions of trees and other significant vegetation from mechanical damage.
- To protect root systems from compaction.
- To provide awareness of protected areas to equipment operators.

## SITE DESCRIPTION:

KEY SITE DATA IS LISTED BELOW:

- THE SITE AREA IS APPROXIMATELY 9.5 ACRE AND THE PROJECT AREA IS 8.0 ACRES.
- EXISTING SITE IS DEVELOPED. PROJECT IS DEMOLITION AND RECONSTRUCTION OF EXISTING SITE.
- GROUND SURFACE ELEVATIONS RANGE FROM 10 TO 30 FT NGVD. THE LOW AREA IS SOUTH SIDE OF EXISTING SITE.
- SOIL CONSERVATION SERVICE SOIL MAP UNITS FOR THE SITE ARE ASTATULA/OPOKA SANDS. ESTIMATED SEASONAL HIGH WATER TABLE IS APPROXIMATELY 6' BELOW GROUND SURFACE.

## PROJECT INFORMATION:

- THIS PLAN IS INTENDED FOR USE IN CONJUNCTION WITH THE DRAINAGE PLANS FOR THIS PROJECT. FUTURE DEVELOPMENT WILL REQUIRE A SEPARATE SWPPP AND NOI.
- THE CONSTRUCTION ACTIVITIES ON THIS SITE CONSIST OF AND WILL BE PERFORMED IN THE FOLLOWING ORDER: CLEARING AND GRUBBING, EXCAVATION OF THE DRAINAGE RETENTION AREA AND CONSTRUCTION OF BUILDING AND PAVED PARKING AREA.
- THE AREA TO BE DISTURBED BY CONSTRUCTION IS 0.466 ACRES.
- THE TOPOGRAPHY OF THE AREA IS GENTLY SLOPING.
- A QUALIFIED INSPECTOR (PROVIDED BY THE OPERATOR) SHALL INSPECT ALL POINTS OF DISCHARGE INTO SURFACE WATERS OF THE STATE OR A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4). 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 IN ACCORDANCE WITH THE GENERIC PERMIT.

## INTENDED SEQUENCE OF CONSTRUCTION ACTIVITIES AND EROSION CONTROL IMPLEMENTATION:

- PRIOR TO ANY CONSTRUCTION ACTIVITIES AND/OR CLEARING AND GRUBBING THE PERIMETER SILT FENCE MUST BE IN PLACE AS SHOWN ON THIS PLAN.
- MEET ON SITE WITH CONTRACTOR TO DISCUSS IMPLEMENTATION OF PERIMETER CONTROLS, BASINS AND DIVERSIONS.
- CONSTRUCT RETENTION BASIN TO WITHIN ONE FOOT OF FINISHED GRADE IN CONJUNCTION WITH ROUGH GRADING. RETENTION BASIN MUST BE PROPERLY STABILIZED PRIOR TO DIRECTING STORMWATER RUNOFF TO THE BASIN. THIS CAN BE ACCOMPLISHED BY TEMPORARY SEED AND MULCHING OR BY PERMANENT SODDING OF SLOPES. ALL DISTURBED AREAS MUST BE STABILIZED IMMEDIATELY IF THEY ARE TO BE EXPOSED MORE THAN 7 DAYS RATHER THAN WAITING UNTIL THE PROJECT IS COMPLETE. STORMDRAIN PROTECTION MUST BE IMPLEMENTED IMMEDIATELY FOLLOWING INLET INSTALLATION TO PREVENT SEDIMENT BUILDING IN THE RETENTION BASIN AND STORMWATER PIPE SYSTEM.
- FINAL GRADING AND PERMANENT STABILIZATION TO BE IN PLACE AT THE COMPLETION OF CONSTRUCTION ACTIVITIES. THE ENTIRE STORMWATER MUST BE BUILT PER THE APPROVED STORMWATER PLANS AND PERFORM AS DESIGNED. SUBSTANTIAL DEVIATIONS FROM THE APPROVED STORMWATER PLANS MAY REQUIRE REAPPROVAL OF THE DESIGN PROFESSIONAL, APPLICABLE GOVERNMENTAL AGENCIES, AND/OR RECONSTRUCTION BY THE CONTRACTOR.

## CONTRACTOR'S 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.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

PRINT NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE NUMBER \_\_\_\_\_

## PERMITEE'S CERTIFICATION:

THE UNDERSIGNED ENSURES THAT THE SURFACE WATER AND STORMWATER MANAGEMENT MEASURES PROPOSED IN THE PLAN WILL BE EFFECTIVELY IMPLEMENTED UNTIL COMPLETION OF THE PROJECT OR UNTIL THE PERMANENT SURFACE WATER MANAGEMENT SYSTEM IS OPERATIONAL.

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

## STABILIZATION SCHEDULE:

(REQUIRED TO BE COMPLETED BY CONTRACTOR)

MAJOR CONSTRUCTION ACTIVITIES:  
START DATE \_\_\_\_\_  
END DATE \_\_\_\_\_

CEASE CONSTRUCTION ACTIVITIES:  
TEMPORARY DATES \_\_\_\_\_

PERMANENT DATE \_\_\_\_\_  
DATE THAT STABILIZATION MEASURES WERE INITIATED \_\_\_\_\_

NOTE: INSTALL EROSION CONTROL FEATURES PRIOR TO ANY CONSTRUCTION ACTIVITIES ON THIS SITE.

## NON-STORMWATER DISCHARGES:

THE SITE MAY GENERATE NON-STORMWATER DISCHARGE INTO THE ON-SITE DRAINAGE SYSTEM (SUCH AS: WATER MAIN FLUSHING).

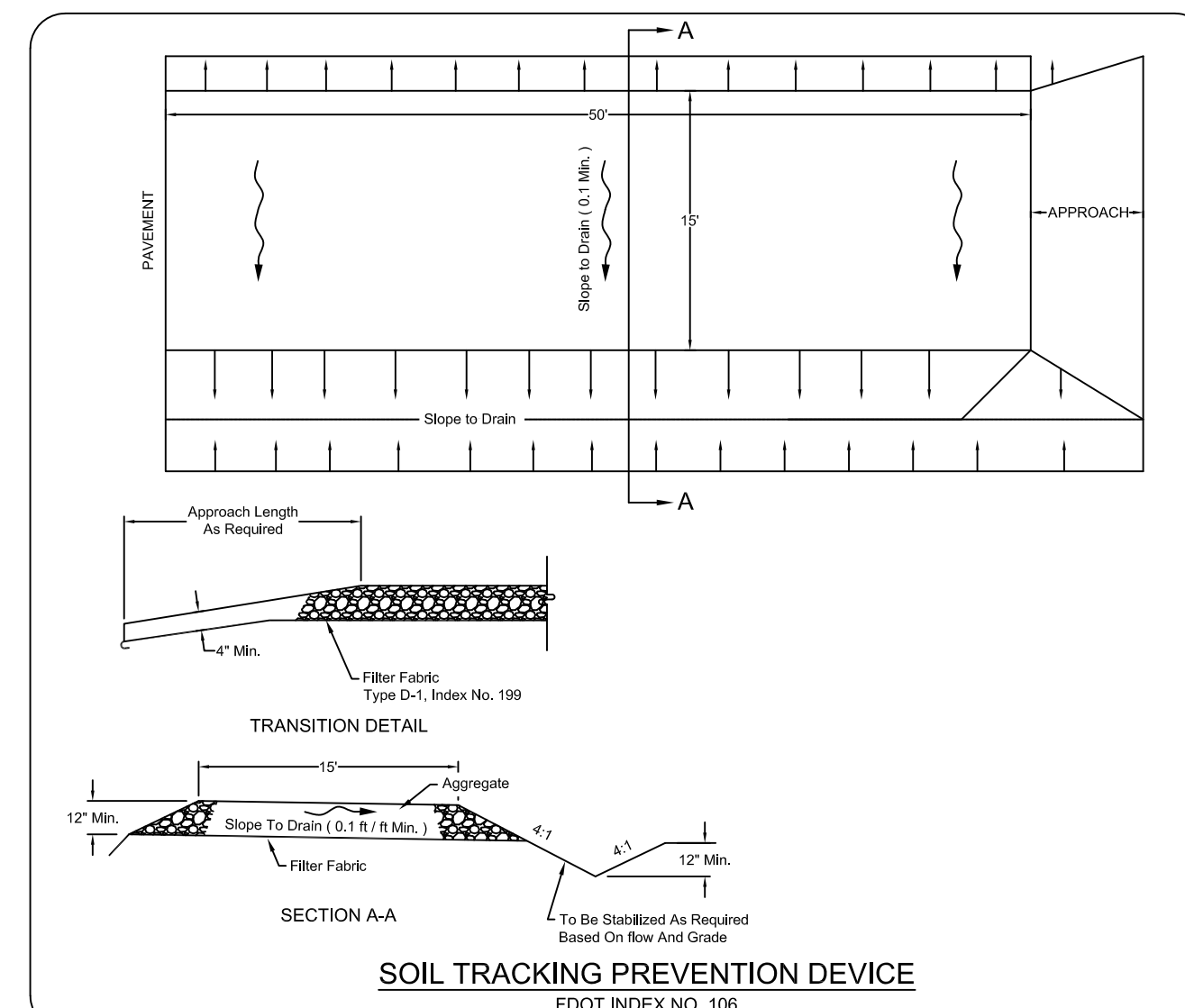
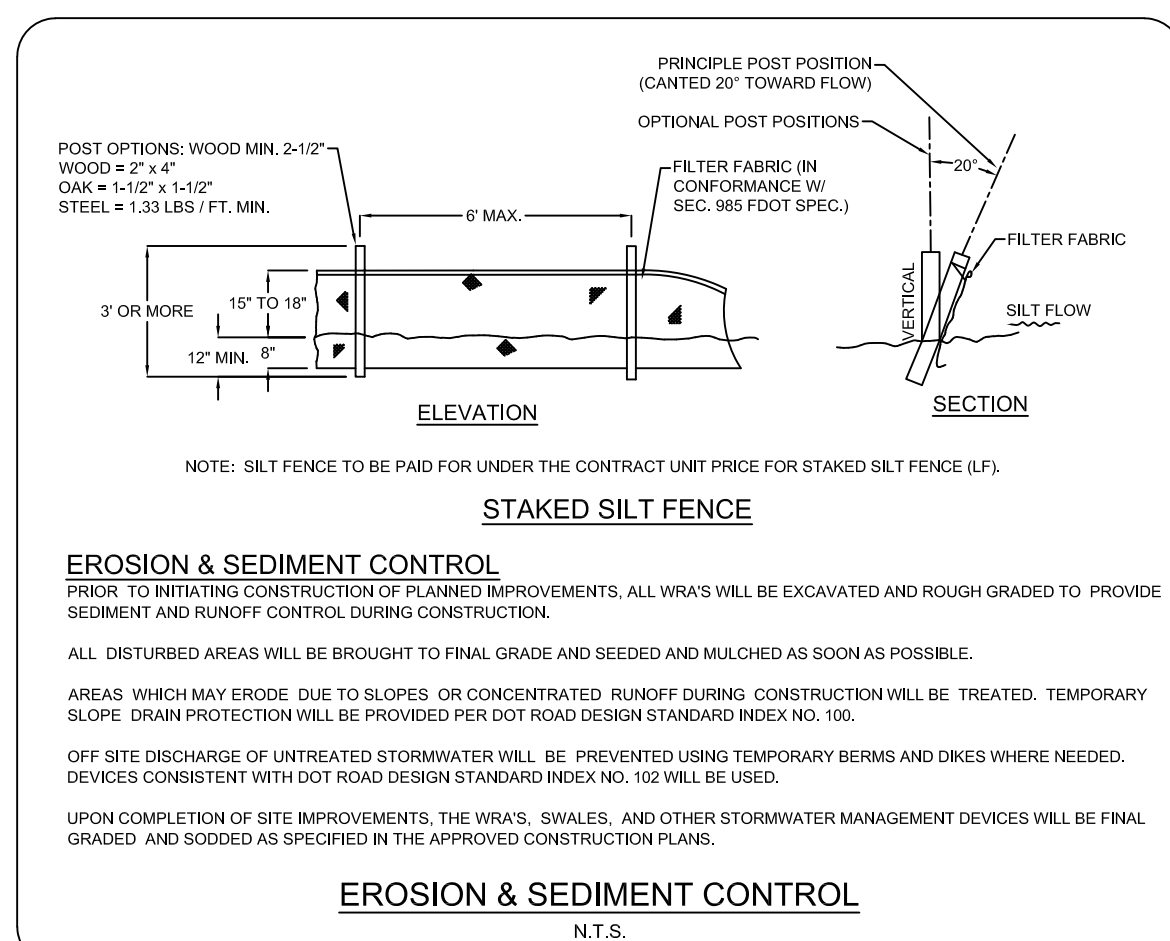
## GENERAL NOTES:

(AN NPDES NPDES GENERAL PERMIT IS REQUIRED FOR SMALL ACTIVITIES - GREATER THAN 1 ACRE AND LESS THAN 5 ACRES, AND FOR LARGE ACTIVITIES - GREATER THAN 5 ACRES.)

- A COPY OF THE NOTICE OF INTENT (NOI) OR LETTER FROM THE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) CONFIRMING COVERAGE UNDER THIS GENERIC PERMIT SHALL BE POSTED AT THE CONSTRUCTION SITE IN A PROMINENT PLACE FOR PUBLIC VIEWING (SUCH AS ALONGSIDE A BUILDING PERMIT).
- THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL IN THE STORMWATER DISCHARGE(S) FROM A FACILITY OR ACTIVITY SHALL BE PREVENTED OR MINIMIZED IN ACCORDANCE WITH THE APPLICABLE STORMWATER POLLUTION PREVENTION PLAN FOR THE FACILITY OR ACTIVITY.
- THE PERMITEE SHALL PROVIDE FOR COMPLIANCE WITH THE TERMS AND SCHEDULE OF THIS PLAN BEGINNING WITH THE INITIATION OF CONSTRUCTION ACTIVITIES.
- PERMITEE SHALL ADHERE TO THE STATE OF FLORIDA DEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES.
- PRESERVE EXISTING VEGETATION WHERE ATTAINABLE AND STABILIZE DISTURBED PORTIONS OF THE SITE TO PREVENT EROSION. STABILIZATION MEASURES INCLUDE PERMANENT SEEDING, SOD, PRESERVATION OF EXISTING MATURE VEGETATION AND PROTECTION OF EXISTING TREES. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.
- EACH PLAN SHALL INCLUDE A DESCRIPTION OF STRUCTURAL PRACTICES, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS, RETAIN SEDIMENT ON-SITE, OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE SILT FENCES, SWALES, CHECK DAMS, STORM DRAIN INLET PROTECTION, PERMANENT SEDIMENT BASINS OR DRAINAGE RETENTION AREAS (D.R.A.'S).
- CONSTRUCT TEMPORARY SEDIMENT CONTROL BASINS AT EACH POINT OF DISCHARGE INTO D.R.A.'S.
- CONTROLS FOR OTHER POLLUTANTS.  
(1) WASTE DISPOSAL: THE PLAN SHALL ASSURE THAT WASTE, SUCH AS DISCARDED BUILDING MATERIALS, CHEMICALS, LITTER, AND SANITARY WASTE ARE PROPERLY CONTROLLED IN ACCORDANCE WITH ALL APPLICABLE STATE, LOCAL, AND FEDERAL REGULATIONS. THIS PERMIT DOES NOT AUTHORIZE THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO SURFACE WATERS OF THE STATE OR A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4).  
(2) THE PLAN SHALL ASSURE THAT OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST IS MINIMIZED.  
(3) THE PLAN SHALL BE CONSISTENT WITH APPLICABLE STATE AND LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.  
(4) THE PLAN SHALL ADDRESS THE PROPER APPLICATION RATES AND METHODS FOR THE USE OF FERTILIZERS, HERBICIDES AND PESTICIDES AT THE CONSTRUCTION SITE AND SET FORTH HOW THESE PROCEDURES WILL BE IMPLEMENTED AND ENFORCED. NUTRIENTS SHALL BE APPLIED ONLY AT RATES NECESSARY TO ESTABLISH AND MAINTAIN VEGETATION.  
(5) THE PLAN SHALL ENSURE THAT THE APPLICATION, GENERATION, AND MIGRATION OF TOXIC SUBSTANCES IS LIMITED AND THAT TOXIC MATERIALS ARE PROPERLY STORED AND DISPOSED.
- A QUALIFIED INSPECTOR (PROVIDED BY THE OPERATOR) SHALL INSPECT ALL POINTS OF DISCHARGE INTO SURFACE WATERS OF THE STATE OR A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4). 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 IN ACCORDANCE WITH THE GENERIC PERMIT.
- THE PERMITEE SHALL RETAIN COPIES OF STORMWATER POLLUTION PREVENTION PLANS AND ALL REPORTS REQUIRED BY THIS PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE N.O.I. TO BE COVERED BY THIS PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED.
- THE PERMITEE SHALL RETAIN A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN AND ALL REPORTS, RECORDS AND DOCUMENTATION REQUIRED BY THIS PERMIT AT THE CONSTRUCTION SITE, OR AN APPROPRIATE ALTERNATIVE LOCATION AS SPECIFIED IN THE NOI, FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.
- THE PERMITEE SHALL SUBMIT A COMPLETED NOTICE OF TERMINATION (N.O.T.) (DEP FORM 62-621.300(6)), SIGNED IN ACCORDANCE WITH PART VII.C. OF THIS PERMIT, WITHIN 14 DAYS OF FINAL STABILIZATION OF THE SITE TO TERMINATE COVERAGE UNDER THIS PERMIT.
- A PERMITEE SHALL SUBMIT A N.O.T. TO THE FOLLOWING ADDRESS:  
NPDES STORMWATER NOTICES CENTER, MS #2510  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400
- PROJECTS THAT DISCHARGE STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY TO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) SHALL SUBMIT A COPY OF THE NOI TO THE OPERATOR OF THE MS4.
- REFER TO THE SITE PLANS FOR ADDITIONAL EROSION CONTROL MEASURES AND ADDITIONAL INFORMATION.

## NOTES:

- FOR SILT FENCE DETAIL SEE TYPE III SILT FENCE IN FOOT INDEX 103. SILT FENCE LOCATION SHOWN FOR CLARITY ONLY. ACTUAL FENCE TO BE AS NEAR THE PROPERTY LINE AS PRACTICAL.
- ALL EXISTING STORM WATER DRAINAGE PATTERNS AND CHANNELS OUTSIDE THE CONSTRUCTION AREAS SHOWN ON THESE PLANS ARE TO BE MAINTAINED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THE WORK APPEARS TO INTERRUPT AN EXISTING STORM WATER DRAINAGE PATTERN. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION SUCH THAT IMPACT TO CONSTRUCTION AND/OR SURROUNDING FACILITIES IS MINIMIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION, SEDIMENT TRANSPORT, DISTURBED FOUNDATIONS, IMPACT TO STRUCTURES, AND ANY OTHER DAMAGE CAUSED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PREVENT THE DISCHARGE OF SEDIMENT DUE TO CONSTRUCTION OPERATIONS. APPROVED EROSION CONTROL DEVICES SHALL BE INSTALLED TO PREVENT DISCHARGE OF SEDIMENT INTO A DRY OR WET WATERCOURSE. RECOMMENDED EROSION CONTROL SHALL CONSIST OF SILT FENCE, OR OTHER EROSION CONTROL METHODS AS SHOWN OR APPROVED BY THE PROJECT ENGINEER. ALL NEW AND EXISTING DRAIN PIPES AND STRUCTURES SHALL BE FLUSHED CLEAN AFTER CONSTRUCTION.
- PROVIDE EROSION CONTROL BLANKET FOR ALL SLOPES 2 : 1 (HORIZONTAL TO VERTICAL) OR STEEPER.
- SWALES AND DISTURBED AREAS SHALL BE SODDED OR SEEDED AND MULCHED AS SOON AS PRACTICAL.
- SEE THIS PLAN FOR ACTUAL LOCATION OF SILT FENCE.
- THIS PLAN PROVIDES REASONABLE ASSURANCE THAT THE PROPOSED CONSTRUCTION ACTIVITIES WILL NOT RESULT IN EROSION AND SEDIMENT DEPOSITION IN WETLANDS OR OFF-SITE, ADVERSE IMPACTS TO WETLANDS, OFF-SITE FLOODING OR VIOLATION OF WATER QUALITY STANDARDS.



## STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORT FORM

INSPECTIONS MUST OCCUR AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT IS 0.50 INCHES OR HIGHER

PROJECT NAME: \_\_\_\_\_ FDEP NPDES STORMWATER IDENTIFICATION NUMBER: FLR10 \_\_\_\_\_

LOCATION	RAIN DATA	TYPE OF CONTROL (SEE BELOW)	DATE INSTALLED/ MODIFIED	CURRENT CONDITION (SEE BELOW)	CORRECTIVE ACTION/OTHER REMARKS

CONDITION CODE:  
G = GOOD M = MARGINAL, NEEDS MAINTENANCE OR REPLACEMENT SOON P = POOR, NEEDS IMMEDIATE MAINTENANCE OR REPLACEMENT  
C = NEEDS TO BE CLEANED O = OTHER

### CONTROL TYPE CODES

- |                         |                                   |                                    |                                 |
|-------------------------|-----------------------------------|------------------------------------|---------------------------------|
| 1. SILT FENCE           | 10. STORM DRAIN INLET PROTECTION  | 19. REINFORCED SOIL RETAINING SYS. | 28. TREE PROTECTION             |
| 2. EARTH DIKES          | 11. VEGETATIVE BUFFER STRIP       | 20. GABION                         | 29. DETENTION POND              |
| 3. STRUCTURAL DIVERSION | 12. VEGETATIVE PRESERVATION AREA  | 21. SEDIMENT BASIN                 | 30. RETENTION POND              |
| 4. SWALE                | 13. RETENTION POND                | 22. TEMPORARY SEED / SOD           | 31. WASTE DISPOSAL/HOUSEKEEPING |
| 5. SEDIMENT TRAP        | 14. CONST. ENTRANCE STABILIZATION | 23. PERMANENT SEED / SOD           | 32. DAM                         |
| 6. CHECK DAM            | 15. PERIMETER DITCH               | 24. MULCH                          | 33. SAND BAG                    |
| 7. SUBSURFACE DRAIN     | 16. CURB AND GUTTER               | 25. HAY BALES                      | 34. OTHER                       |
| 8. PIPE SLOPE DRAIN     | 17. PAVED ROAD SURFACE            | 26. GEOTEXTILE                     |                                 |
| 9. LEVEL SPREADERS      | 18. ROCK OUTLET PROTECTION        | 27. RIP-RAP                        |                                 |

### INSPECTOR INFORMATION:

NAME \_\_\_\_\_ QUALIFICATION \_\_\_\_\_ DATE \_\_\_\_\_

THE ABOVE SIGNATURE ALSO SHALL CERTIFY THAT THIS FACILITY IS IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES IF THERE ARE NOT ANY INCIDENTS OF NON-COMPLIANCE IDENTIFIED ABOVE.

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

NAME (RESPONSIBLE AUTHORITY) \_\_\_\_\_ DATE \_\_\_\_\_

NOTE:  
CONTRACTOR COPY ONTO 8-1/2" x 11" TO CREATE REPORT FORMS

1	08/27/18	PER COMMENTS
0	07/31/18	ISSUED FOR PERMITTING
NO.	DATE	REVISION

CPWG  
3918 N. HIGHLAND  
TAMPA, FL  
813-361-2644



MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

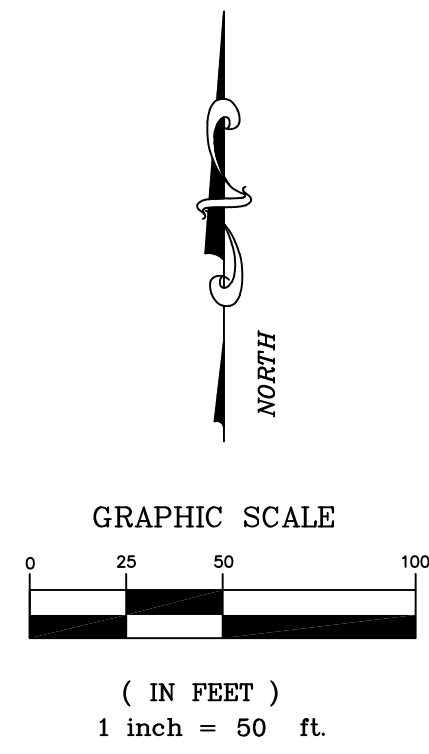
PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

EROSION CONTROL  
NOTES & DETAILS

SHEET NUMBER	C2.20
OF 27 SHEETS	

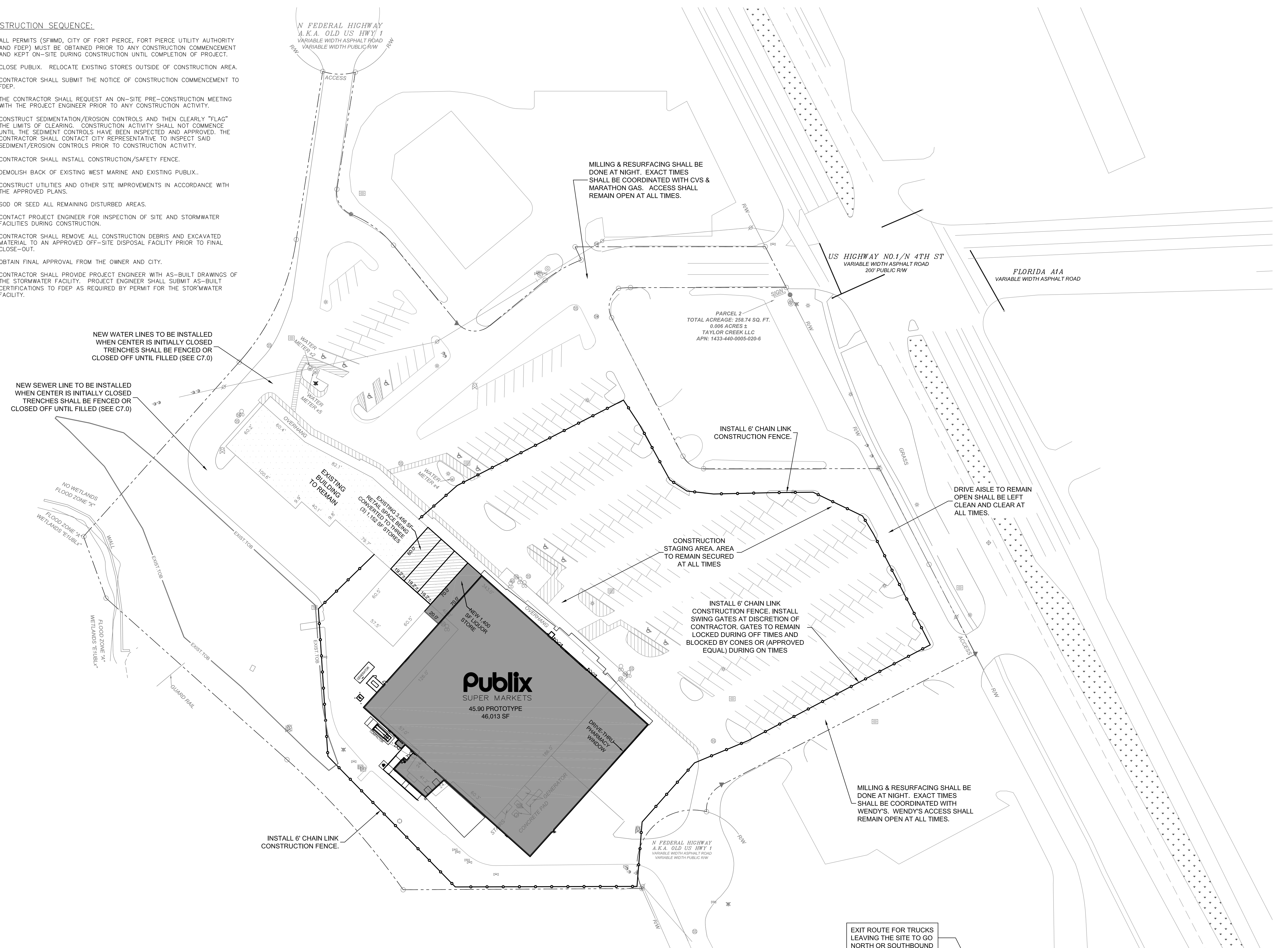
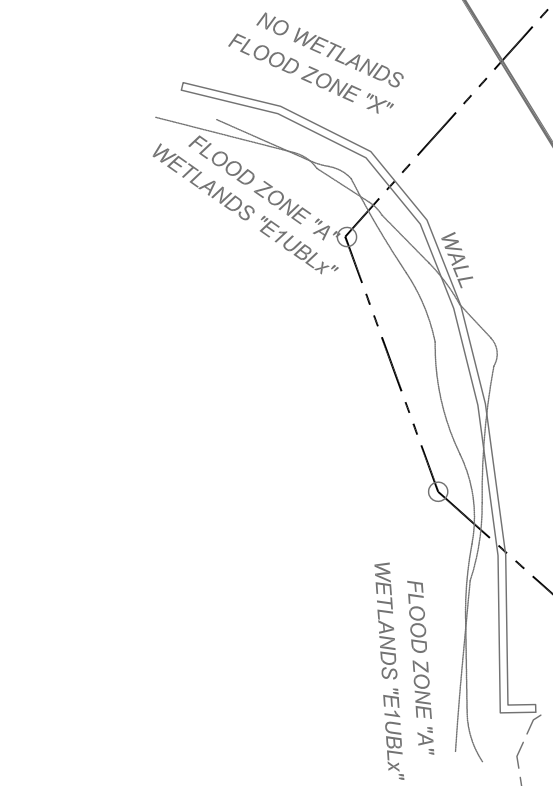
**CONSTRUCTION SEQUENCE:**

1. ALL PERMITS (SFWMD, CITY OF FORT PIERCE, FORT PIERCE UTILITY AUTHORITY AND FDEP) MUST BE OBTAINED PRIOR TO ANY CONSTRUCTION COMMENCEMENT AND KEPT ON-SITE DURING CONSTRUCTION UNTIL COMPLETION OF PROJECT.
2. CLOSE PUBLIX. RELOCATE EXISTING STORES OUTSIDE OF CONSTRUCTION AREA.
3. CONTRACTOR SHALL SUBMIT THE NOTICE OF CONSTRUCTION COMMENCEMENT TO FDEP.
4. THE CONTRACTOR SHALL REQUEST AN ON-SITE PRE-CONSTRUCTION MEETING WITH THE PROJECT ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITY.
5. CONSTRUCT SEDIMENTATION/EROSION CONTROLS AND THEN CLEARLY "FLAG" THE LIMITS OF CLEARING. CONSTRUCTION ACTIVITY SHALL NOT COMMENCE UNTIL THE SEDIMENT CONTROLS HAVE BEEN INSPECTED AND APPROVED. THE CONTRACTOR SHALL CONTACT CITY REPRESENTATIVE TO INSPECT SAID SEDIMENT/EROSION CONTROLS PRIOR TO CONSTRUCTION ACTIVITY.
6. CONTRACTOR SHALL INSTALL CONSTRUCTION/SAFETY FENCE.
7. DEMOLISH BACK OF EXISTING WEST MARINE AND EXISTING PUBLIX.
8. CONSTRUCT UTILITIES AND OTHER SITE IMPROVEMENTS IN ACCORDANCE WITH THE APPROVED PLANS.
9. SOD OR SEED ALL REMAINING DISTURBED AREAS.
10. CONTACT PROJECT ENGINEER FOR INSPECTION OF SITE AND STORMWATER FACILITIES DURING CONSTRUCTION.
11. CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND EXCAVATED MATERIAL TO AN APPROVED OFF-SITE DISPOSAL FACILITY PRIOR TO FINAL CLOSE-OUT.
12. OBTAIN FINAL APPROVAL FROM THE OWNER AND CITY.
13. CONTRACTOR SHALL PROVIDE PROJECT ENGINEER WITH AS-BUILT DRAWINGS OF THE STORMWATER FACILITY. PROJECT ENGINEER SHALL SUBMIT AS-BUILT CERTIFICATIONS TO FDEP AS REQUIRED BY PERMIT FOR THE STORMWATER FACILITY.



NEW WATER LINES TO BE INSTALLED WHEN CENTER IS INITIALLY CLOSED TRENCHES SHALL BE FENCED OR CLOSED OFF UNTIL FILLED (SEE C7.0)

NEW SEWER LINE TO BE INSTALLED WHEN CENTER IS INITIALLY CLOSED TRENCHES SHALL BE FENCED OR CLOSED OFF UNTIL FILLED (SEE C7.0)



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813-361-2644



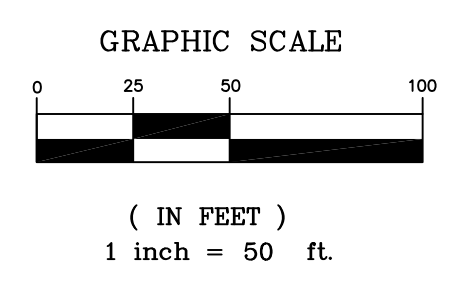
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

**PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682**

**CONSTRUCTION STAGING &  
SAFETY PLAN**

SHEET NUMBER  
**C3.00**  
OF 27 SHEETS



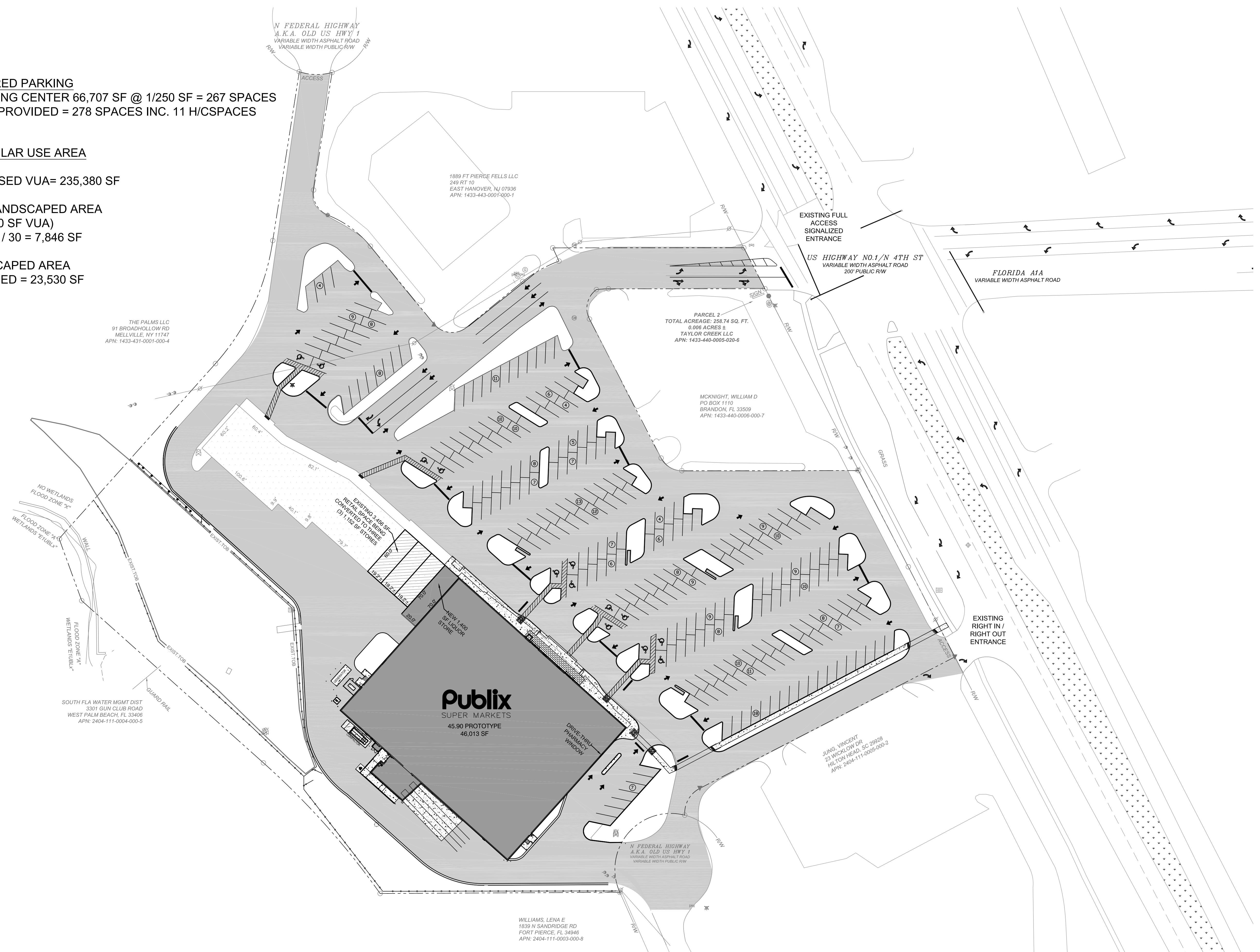
**REQUIRED PARKING**  
 SHOPPING CENTER 66,707 SF @ 1/250 SF = 267 SPACES  
 TOTAL PROVIDED = 278 SPACES INC. 11 H/CSPACES

**VEHICULAR USE AREA**

PROPOSED VUA= 235,380 SF

REQ. LANDSCAPED AREA  
 (1 SF/ 30 SF VUA)  
 245,200 / 30 = 7,846 SF

LANDSCAPED AREA  
 PROVIDED = 23,530 SF



NO.	DATE	REVISION
1	08/27/18	PER COMMENTS
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CPWG  
 3918 N. HIGHLAND  
 TAMPA, FL  
 813-361-2644



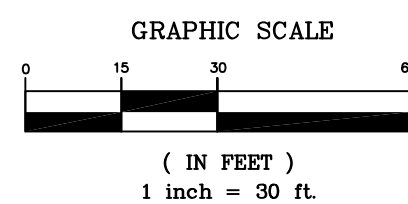
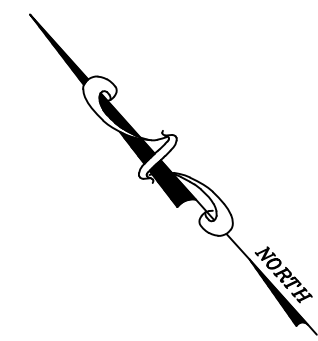
MICHAEL STALZER, PE  
 FLORIDA REG. PROF. ENGINEER No.: 79953  
 DATE: AUGUST 28, 2018

*CWH*  
 REAL ESTATE SERVICES

**PUBLIX SUPER MARKET  
 FORT PIERCE  
 STORE #1682**

**OVERALL SITE PLAN**

SHEET NUMBER  
**C4.00**  
 OF 27 SHEETS



**SIGN LEGEND**

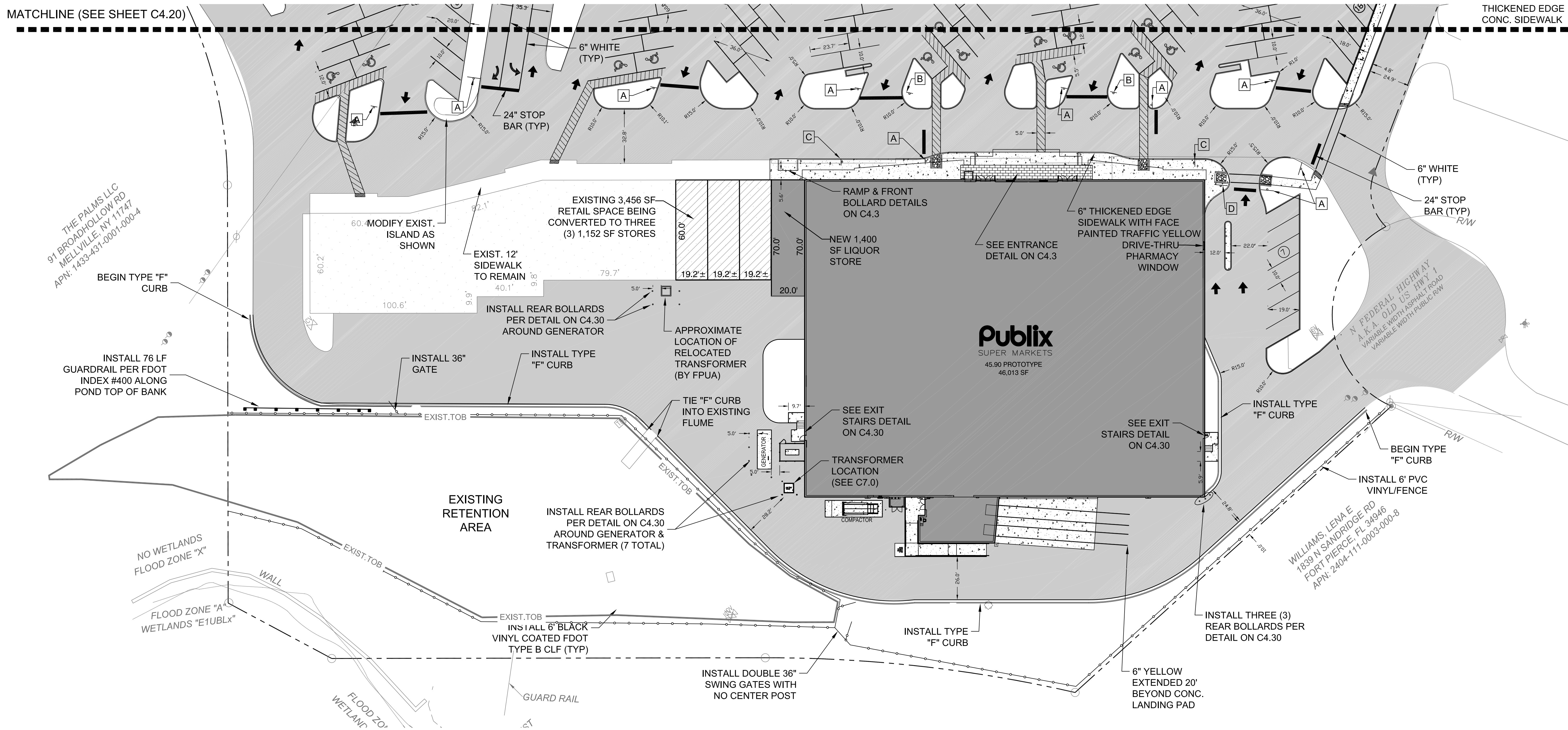
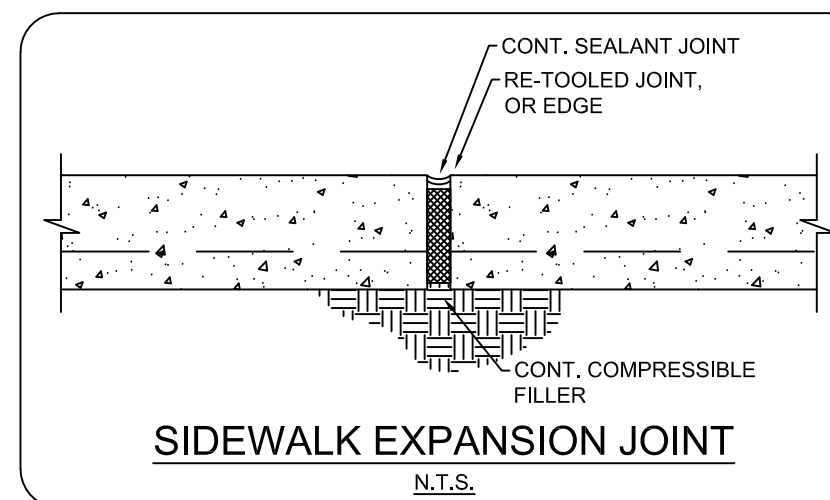
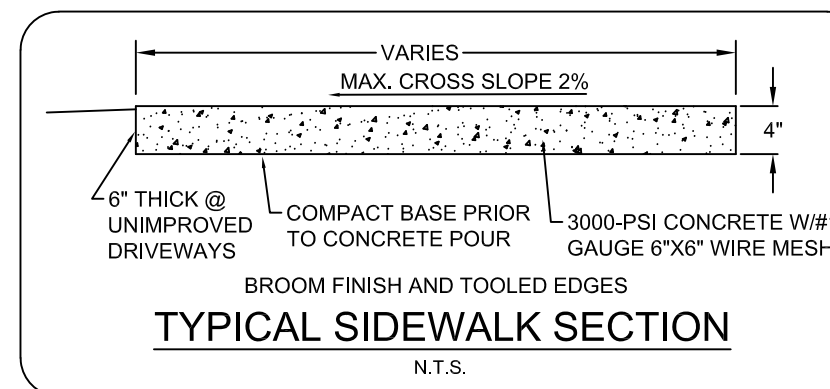
- A 30"x30" R1-1 STOP SIGN
- B 18"x24" PHARMACY DRIVE-THRU
- C 18"x24" FIRE LANE NO PARKING
- D 30"x30" R5-1 DO NOT ENTER

**STRIPING NOTES**

1. ALL ONSITE PAVEMENT MARKINGS TO BE INSTALLED WITH SLIP RESISTANT PAINT.
2. ALL 24" WHITE STOP BARS LEADING TO FDOT RIGHT OF WAY SHALL BE THERMOPLASTIC PAINT.
3. ALL SIDEWALK CURBING SHALL BE PAINTED TRAFFIC YELLOW.

**GENERATOR SITING NOTES**

- THE PROPOSED LOCATION OF THE STORAGE TANK ON THE PROPERTY IS:
1. NOT WITHIN 500 FEET OF ANY EXISTING COMMUNITY WATER SUPPLY.
  2. NOT WITHIN 500 FEET OF ANY NON-TRANSIENT, NON-COMMUNITY WATER SUPPLY WELL.
  3. NOT WITHIN 100 FEET OF ANY OTHER EXISTING POTABLE WATER SUPPLY WELL.



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0	07/31/18	ISSUED FOR PERMITTING

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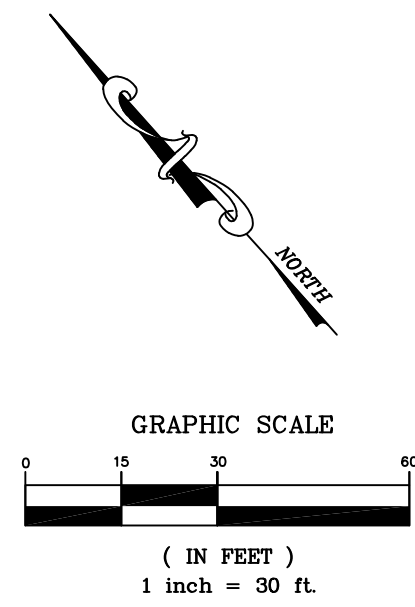
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

GEOMETRY, STRIPING  
& SIGNAGE PLAN

SHEET NUMBER  
**C4.10**  
OF 27 SHEETS

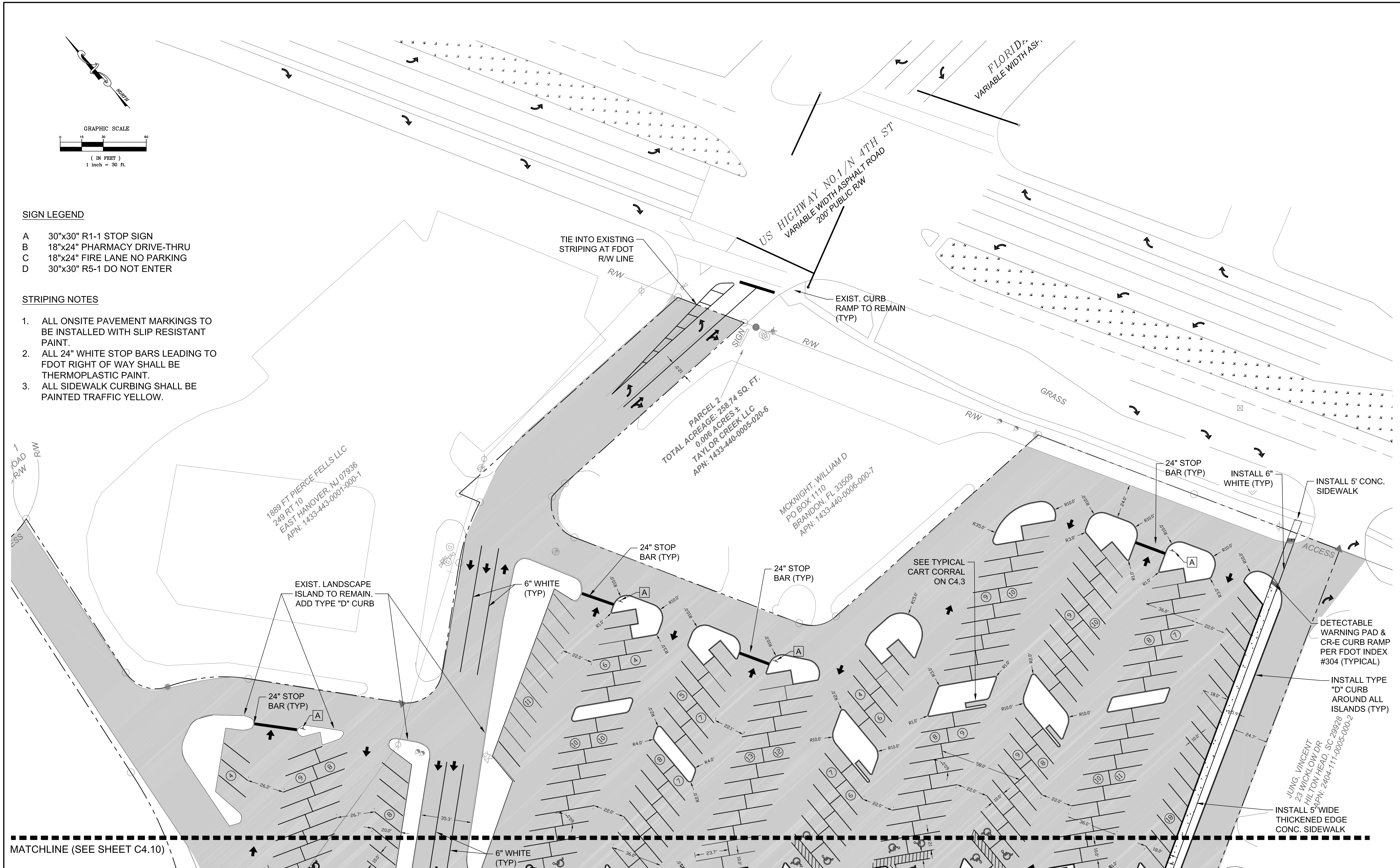


**SIGN LEGEND**

- A 30"x30" R1-1 STOP SIGN
- B 18"x24" PHARMACY DRIVE-THRU
- C 18"x24" FIRE LANE NO PARKING
- D 30"x30" R5-1 DO NOT ENTER

**STRIPING NOTES**

1. ALL ONSITE PAVEMENT MARKINGS TO BE INSTALLED WITH SLIP RESISTANT PAINT.
2. ALL 24" WHITE STOP BARS LEADING TO FDOT RIGHT OF WAY SHALL BE THERMOPLASTIC PAINT.
3. ALL SIDEWALK CURBING SHALL BE PAINTED TRAFFIC YELLOW.



MATCHLINE (SEE SHEET C4.10)

NO.	DATE	REVISION
1	08/27/18	PER COMMENTS
0	07/31/18	ISSUED FOR PERMITTING

CPWG  
3918 N. HIGHLAND  
TAMPA, FL  
813-361-2644



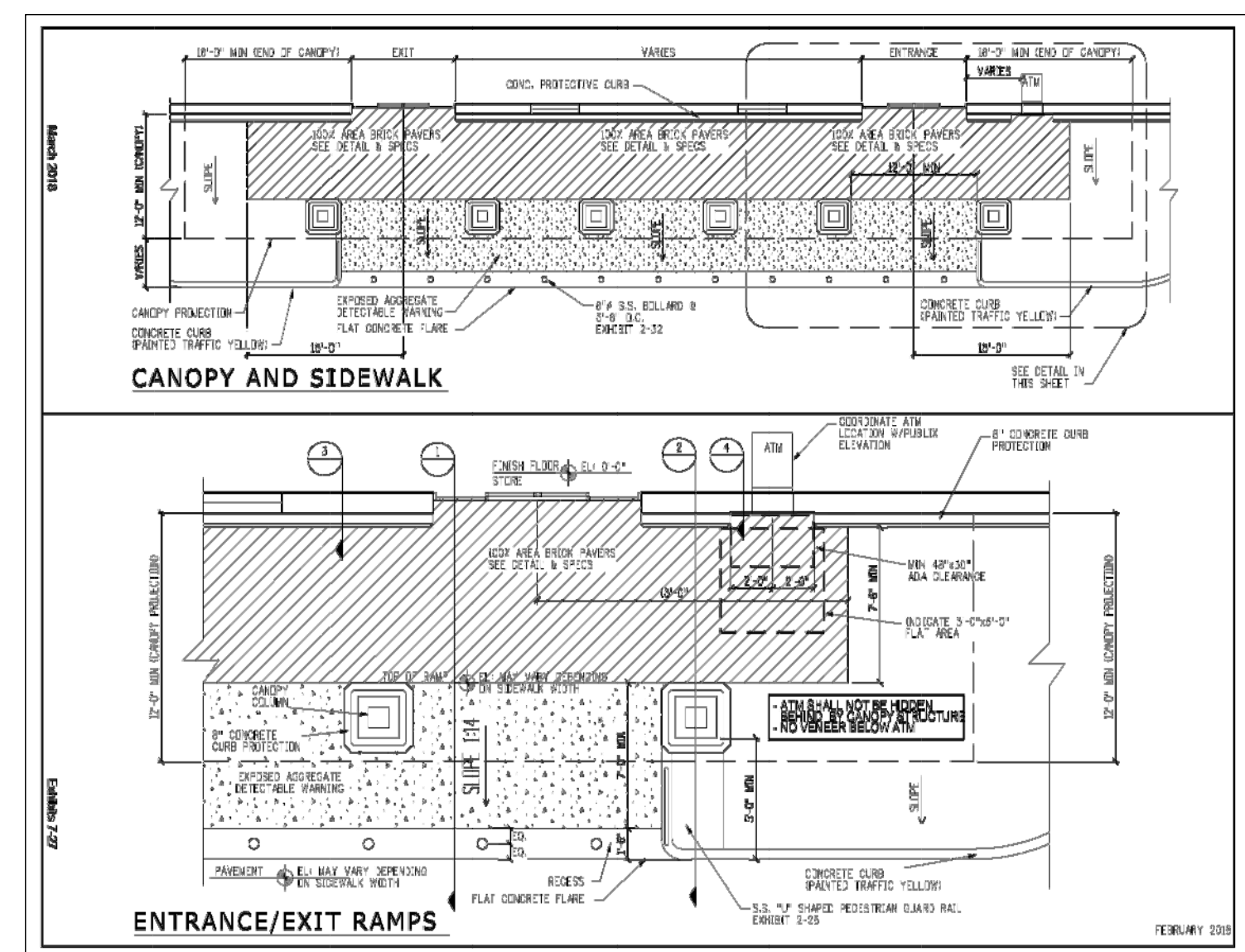
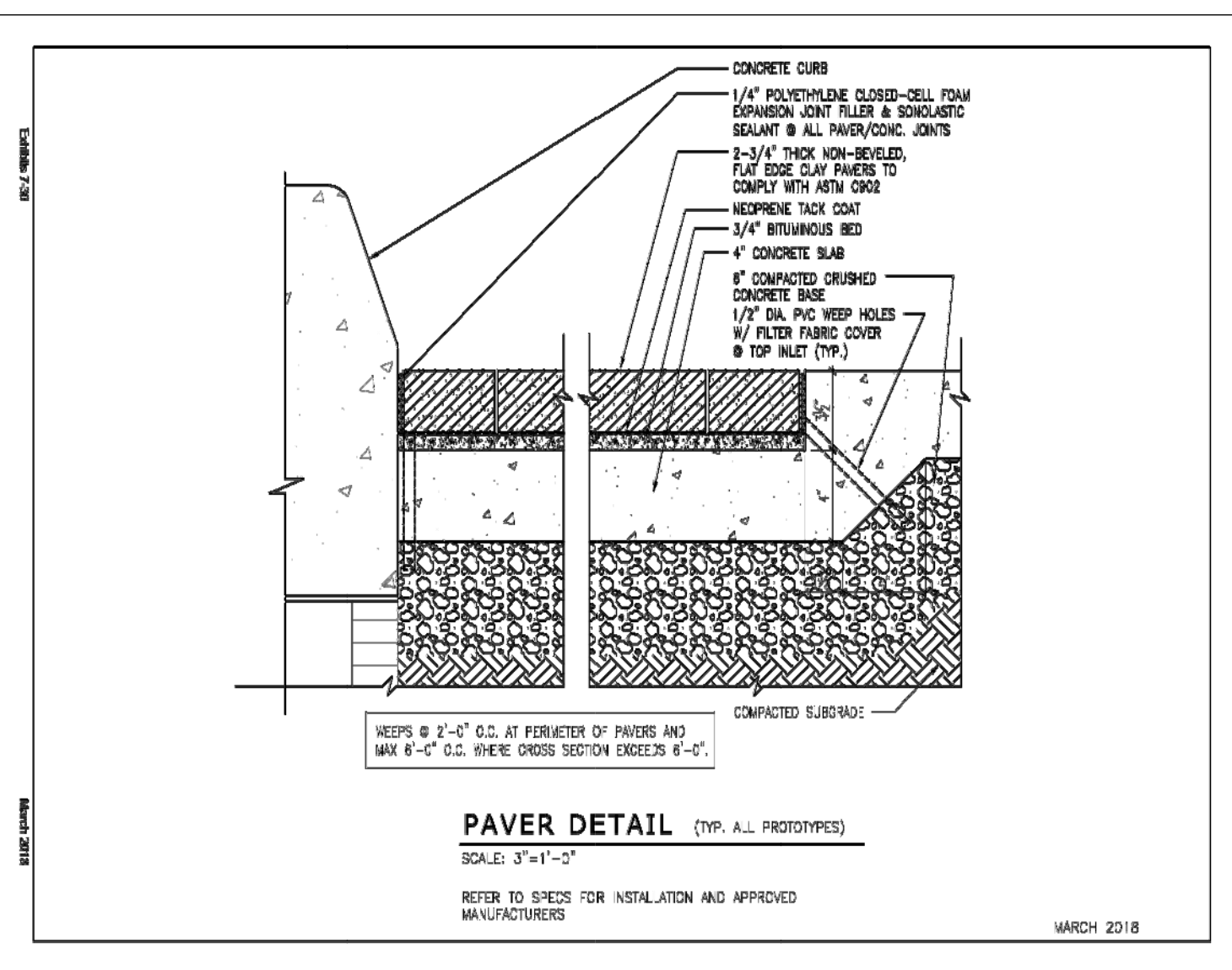
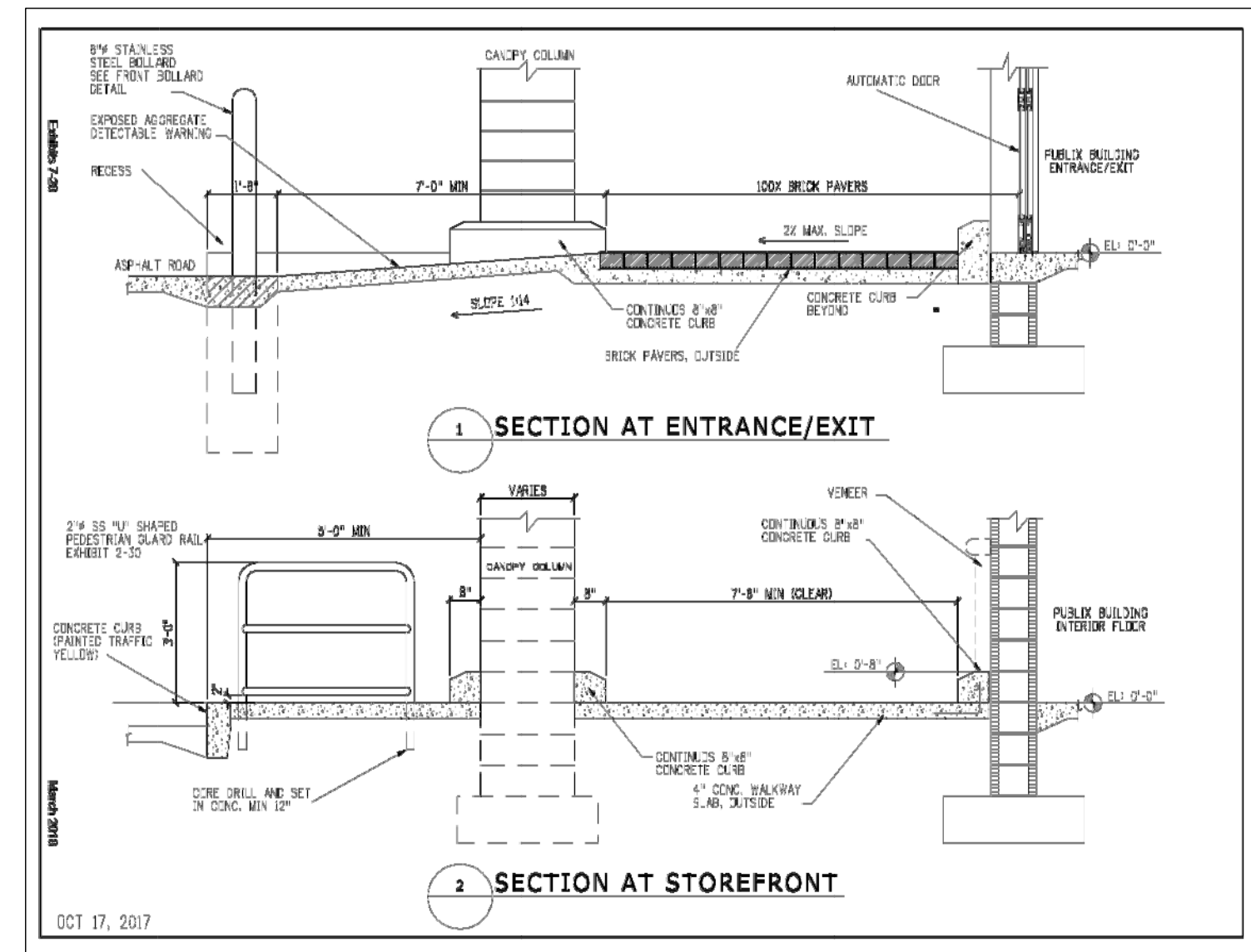
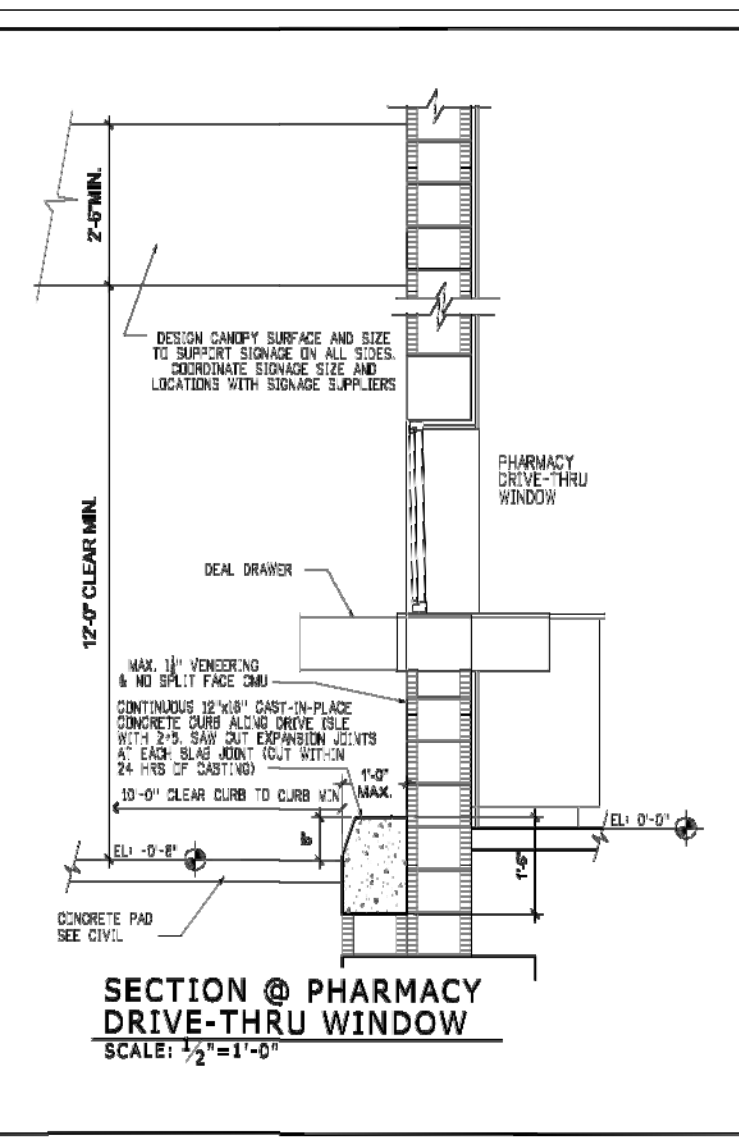
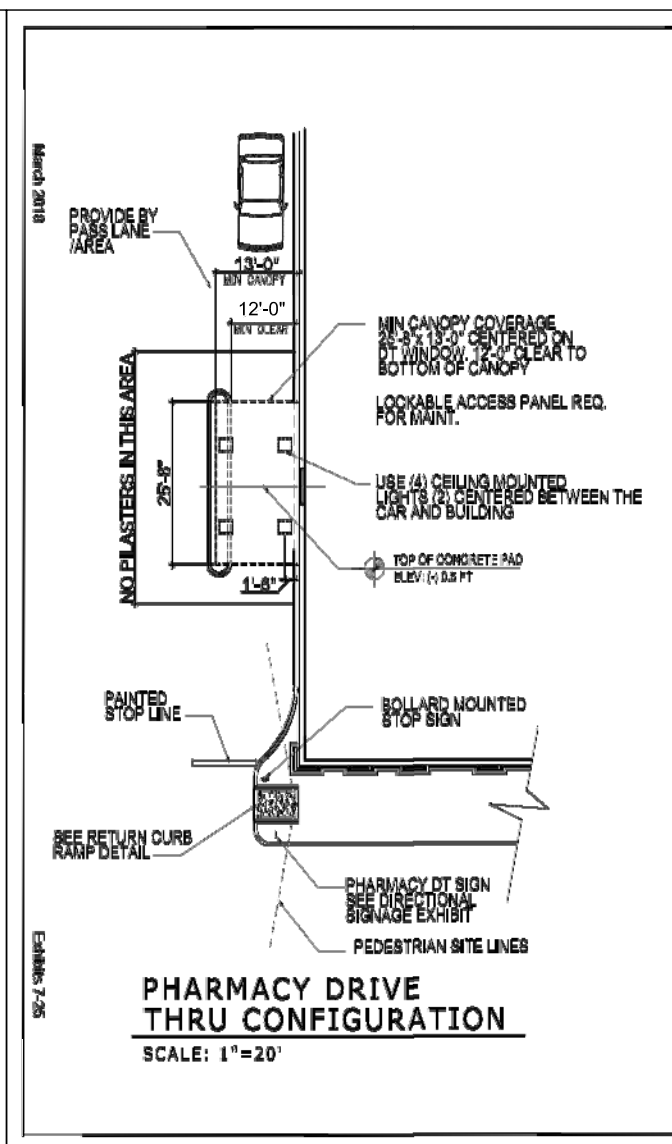
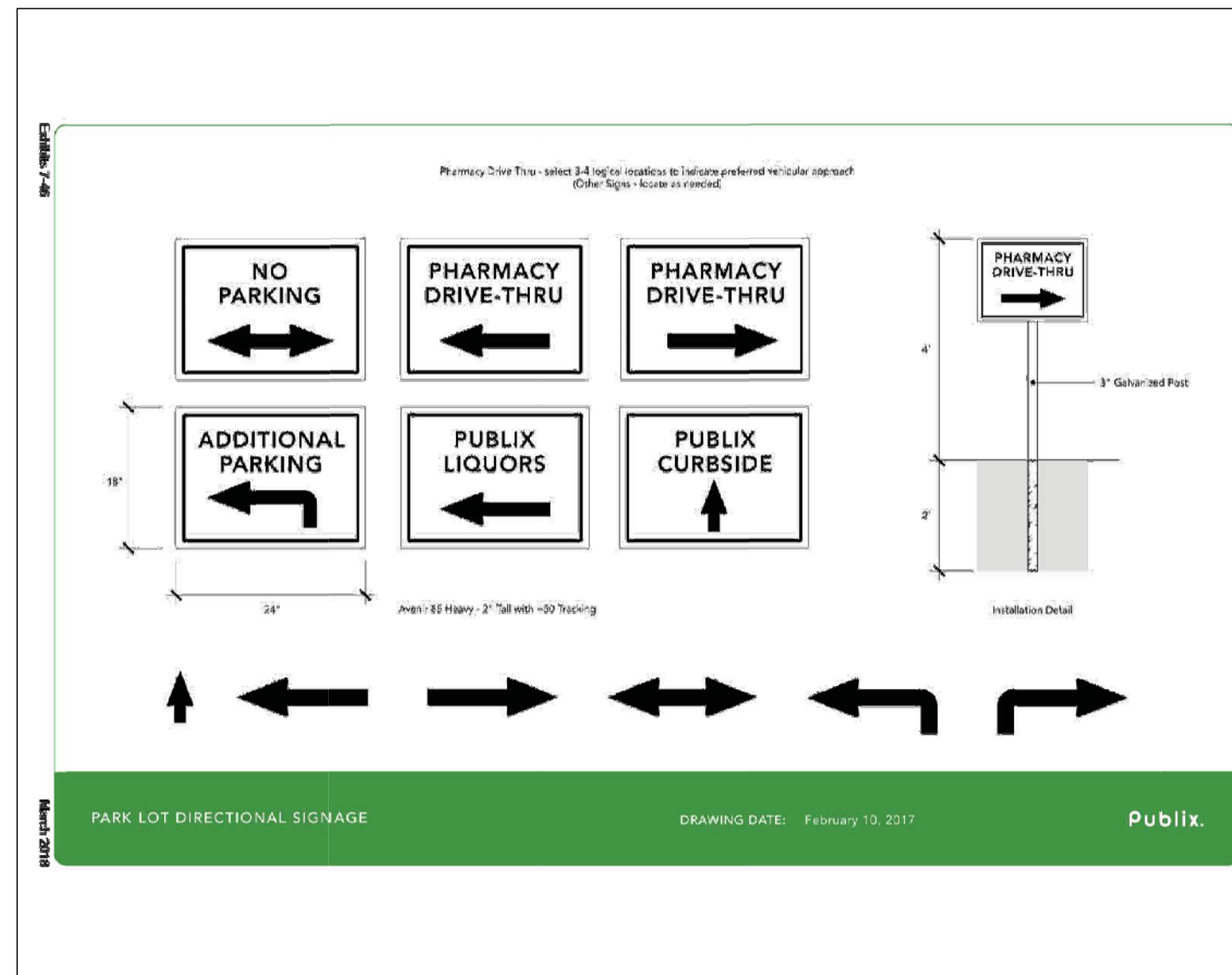
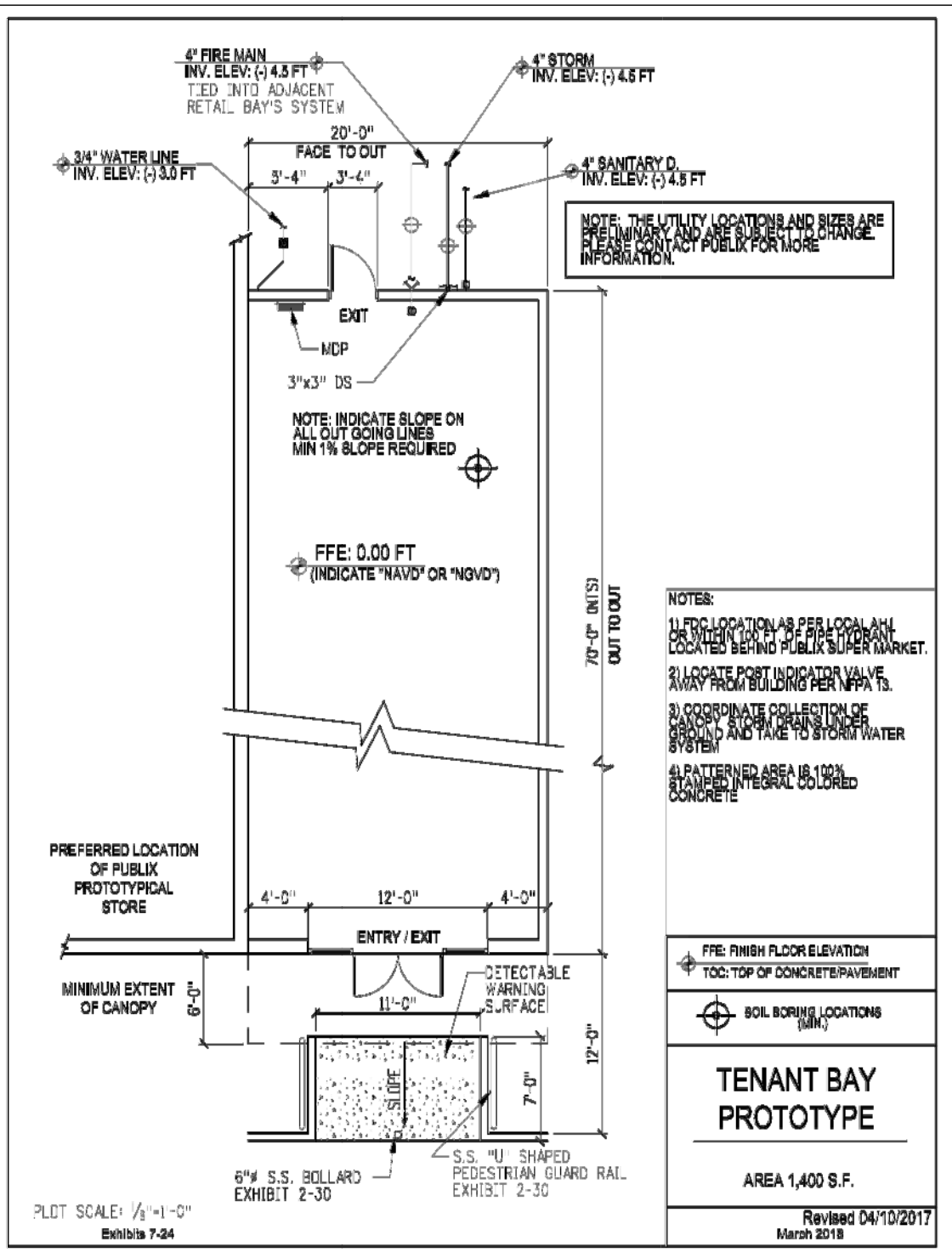
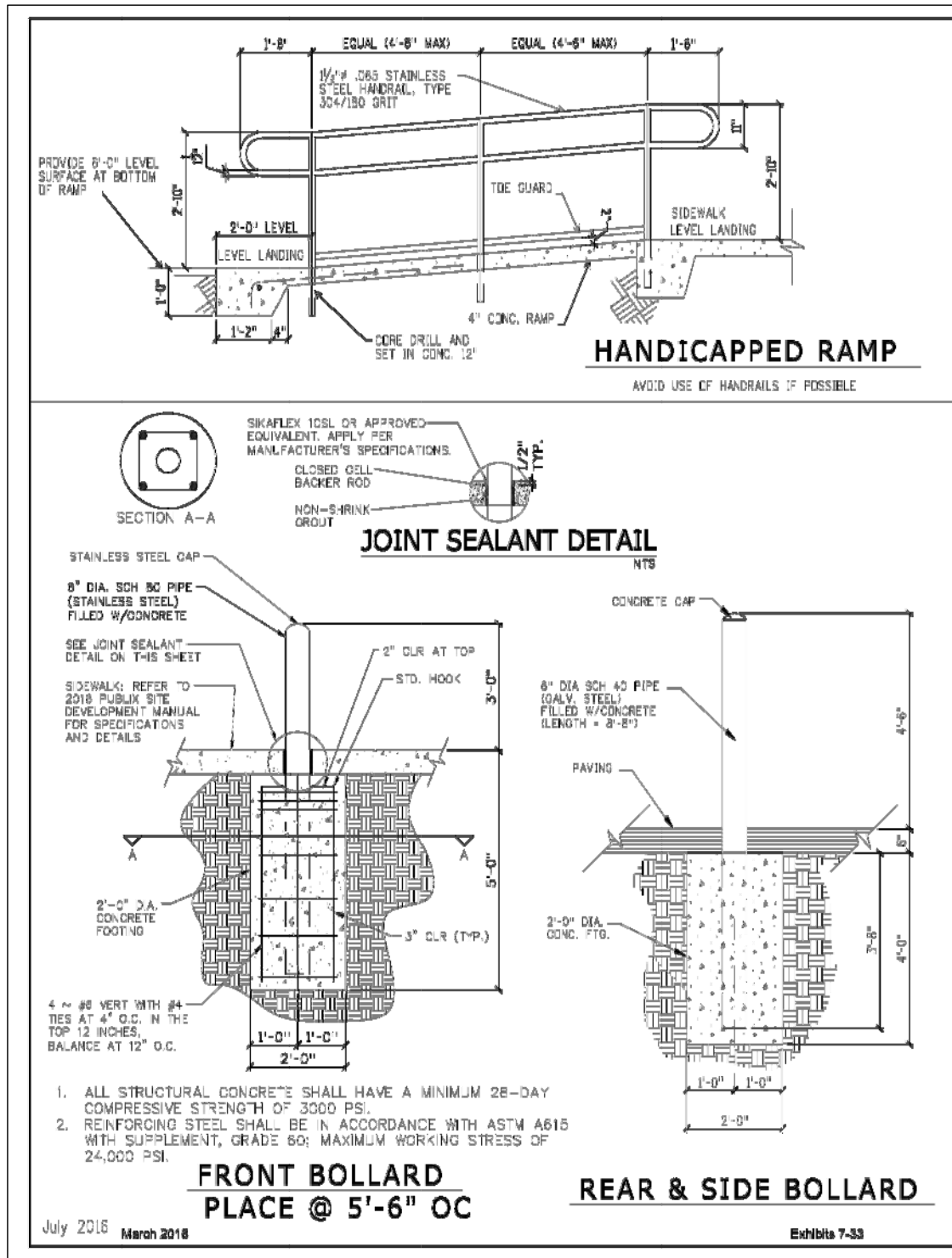
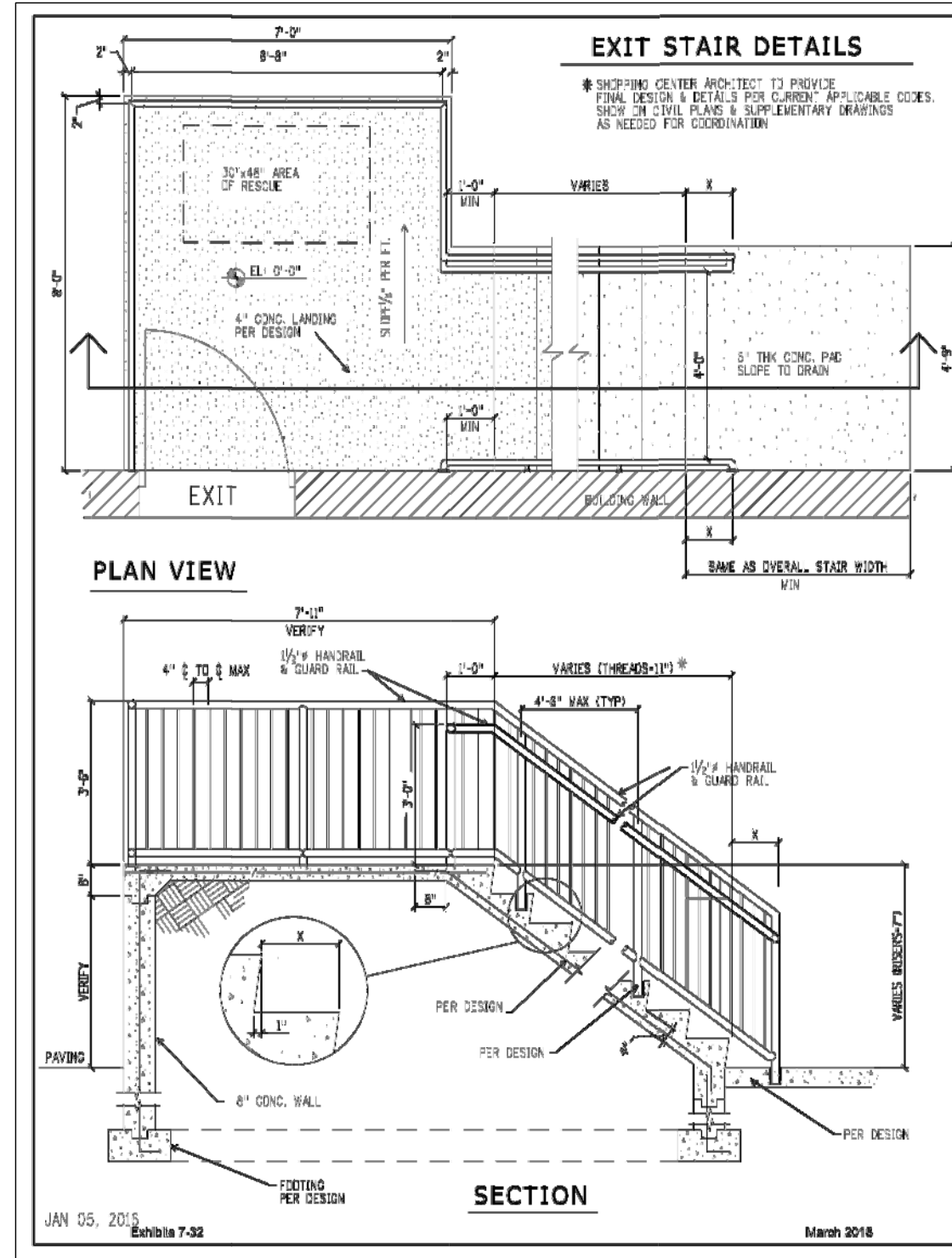
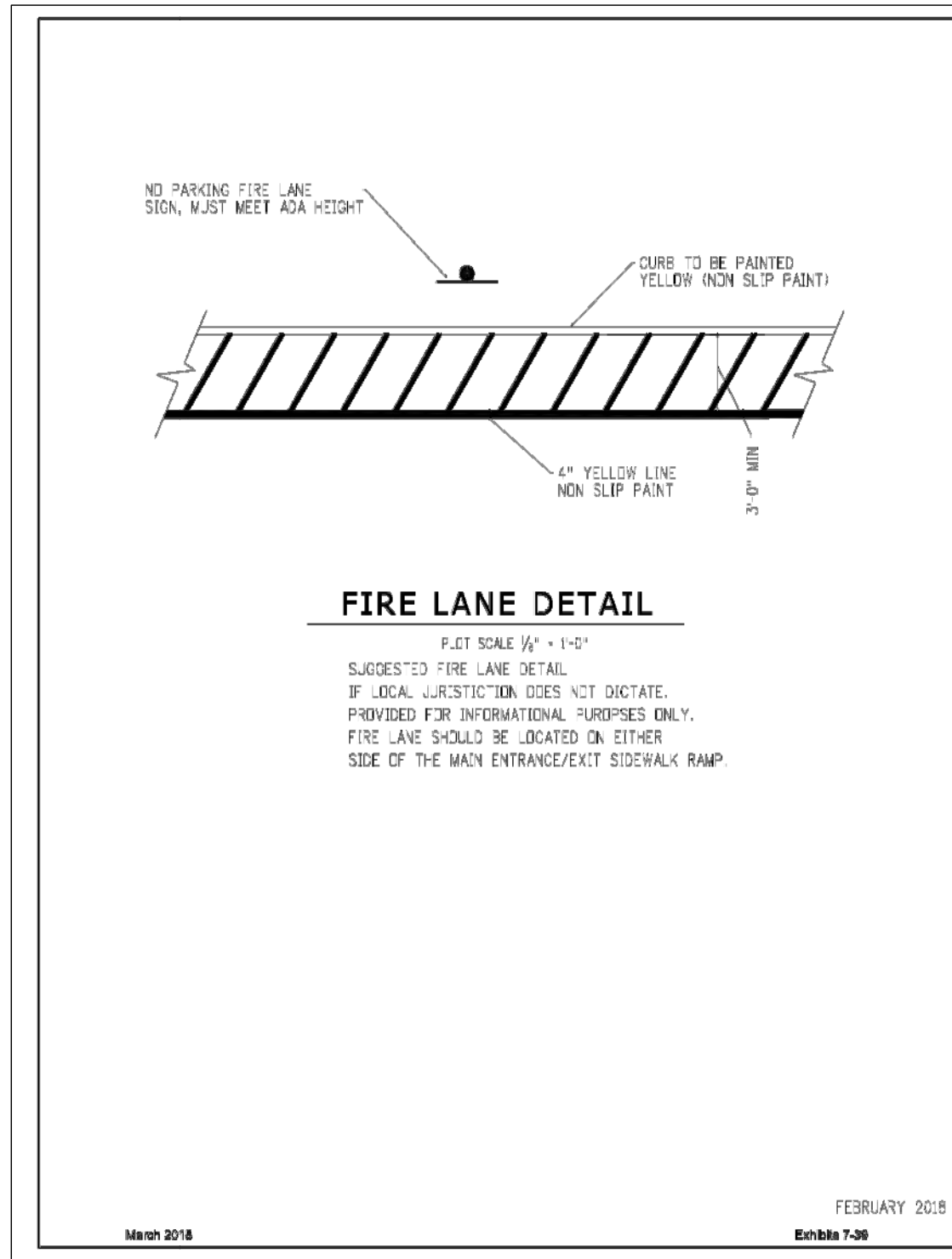
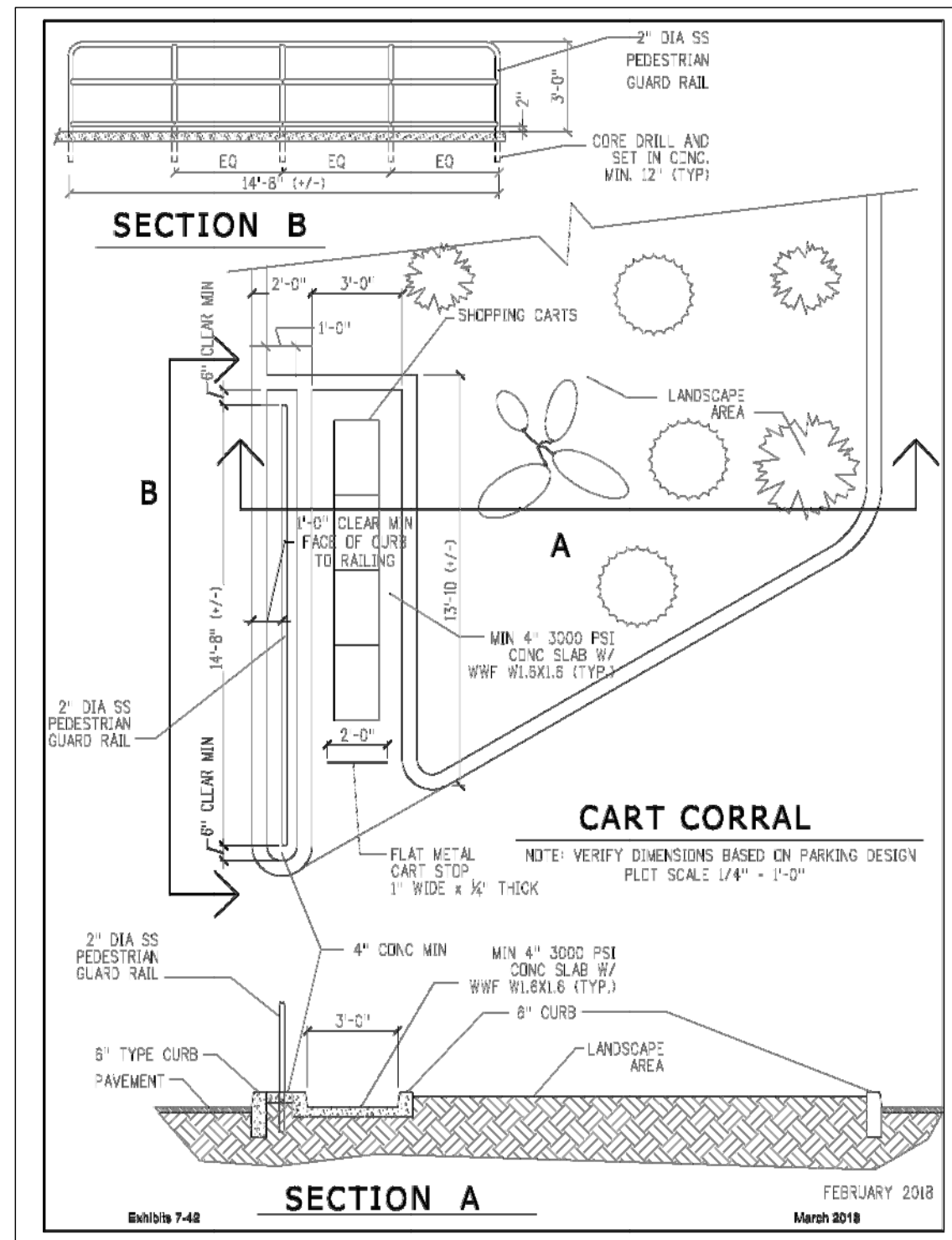
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

GEOMETRY, STRIPING  
& SIGNAGE PLAN

SHEET NUMBER  
**C4.20**  
OF 27 SHEETS



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0	07/31/18	ISSUED FOR PERMITTING
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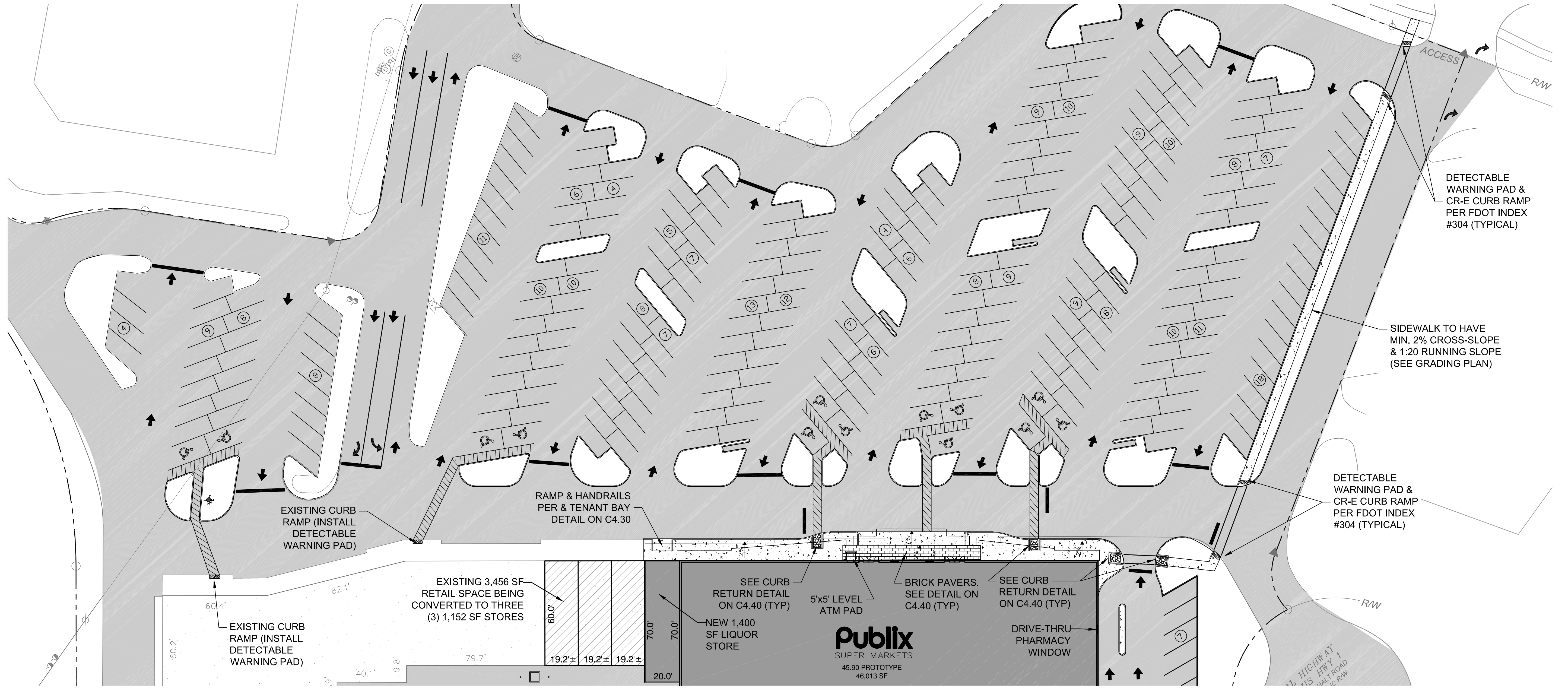
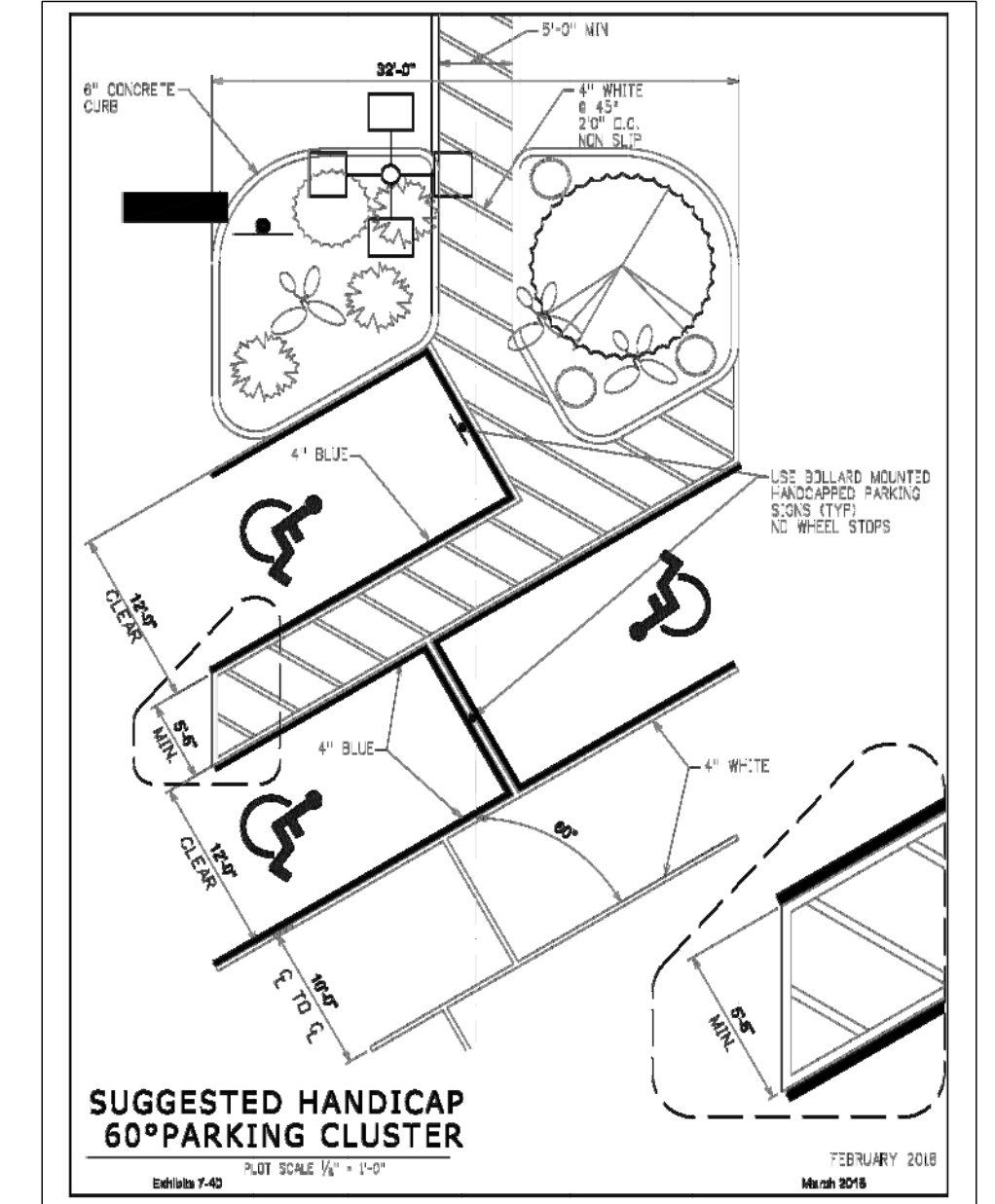
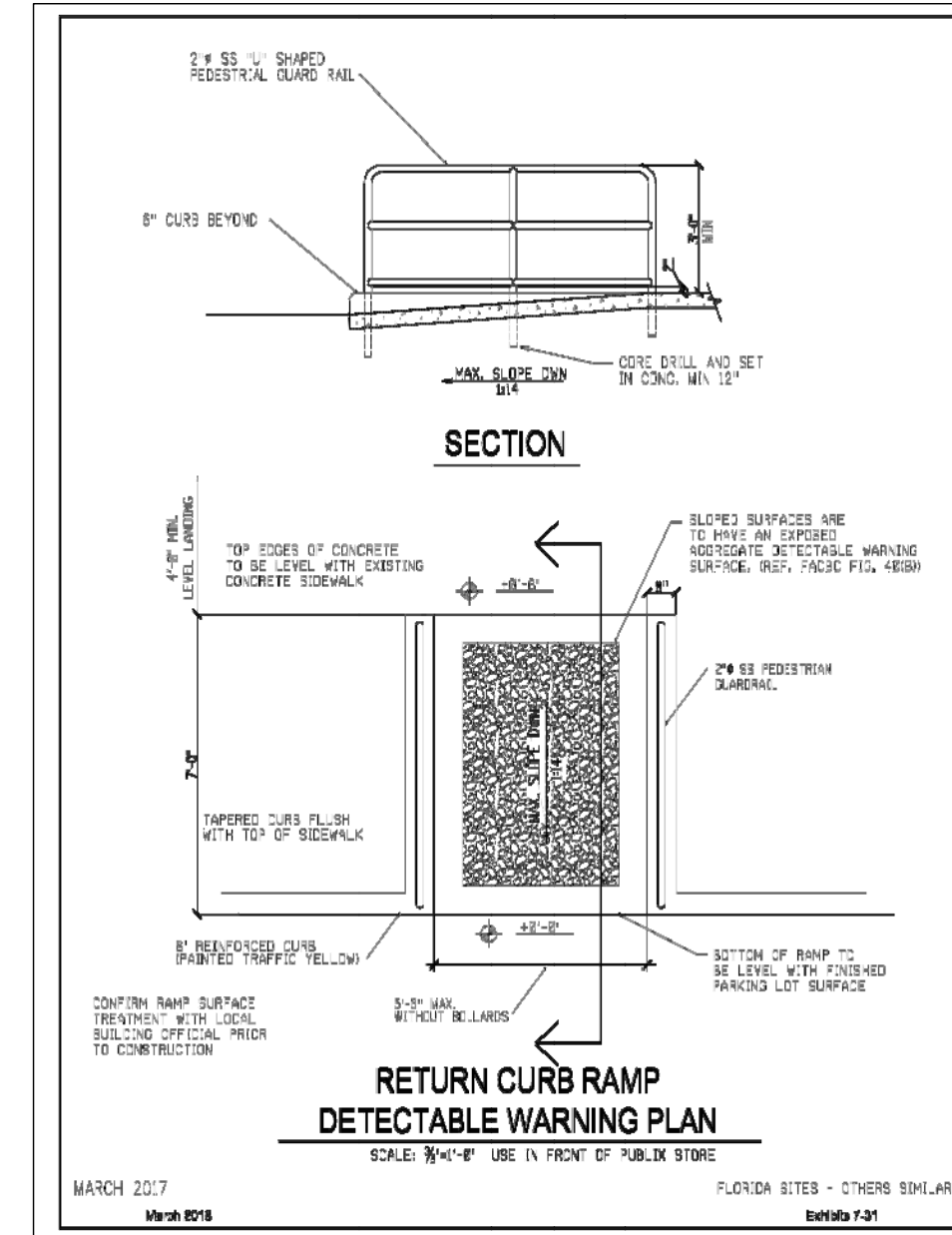
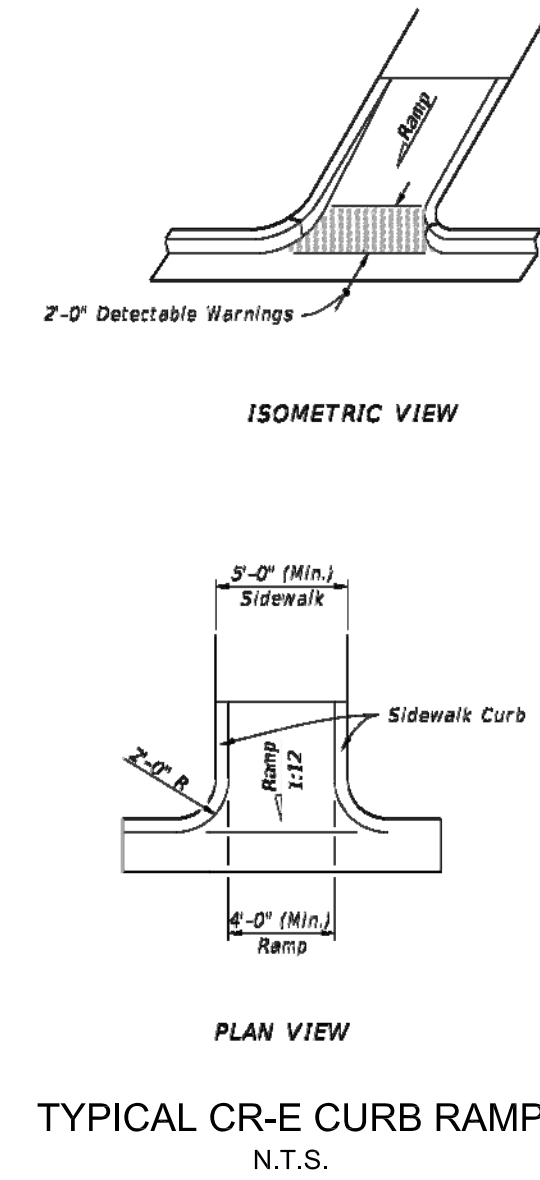
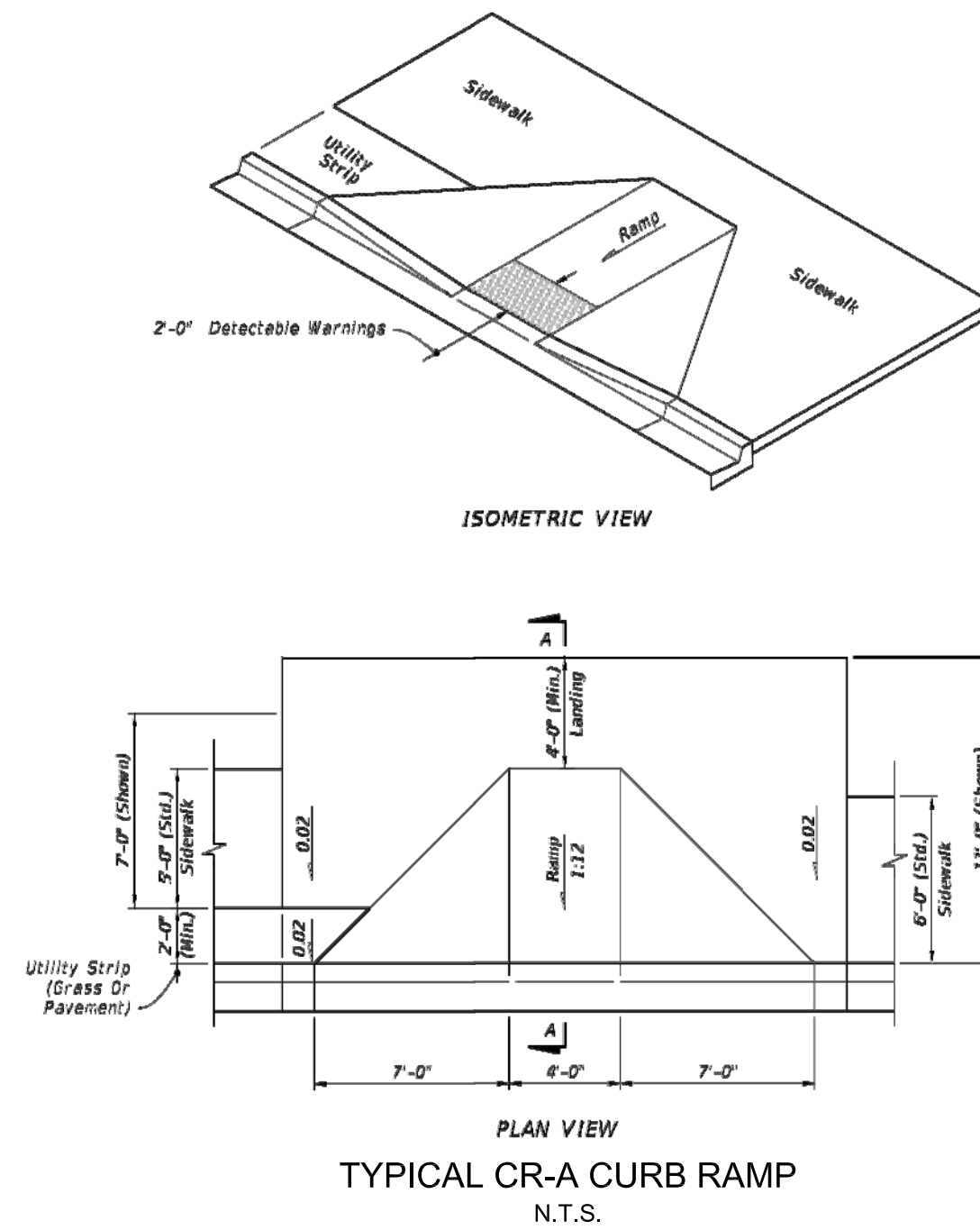
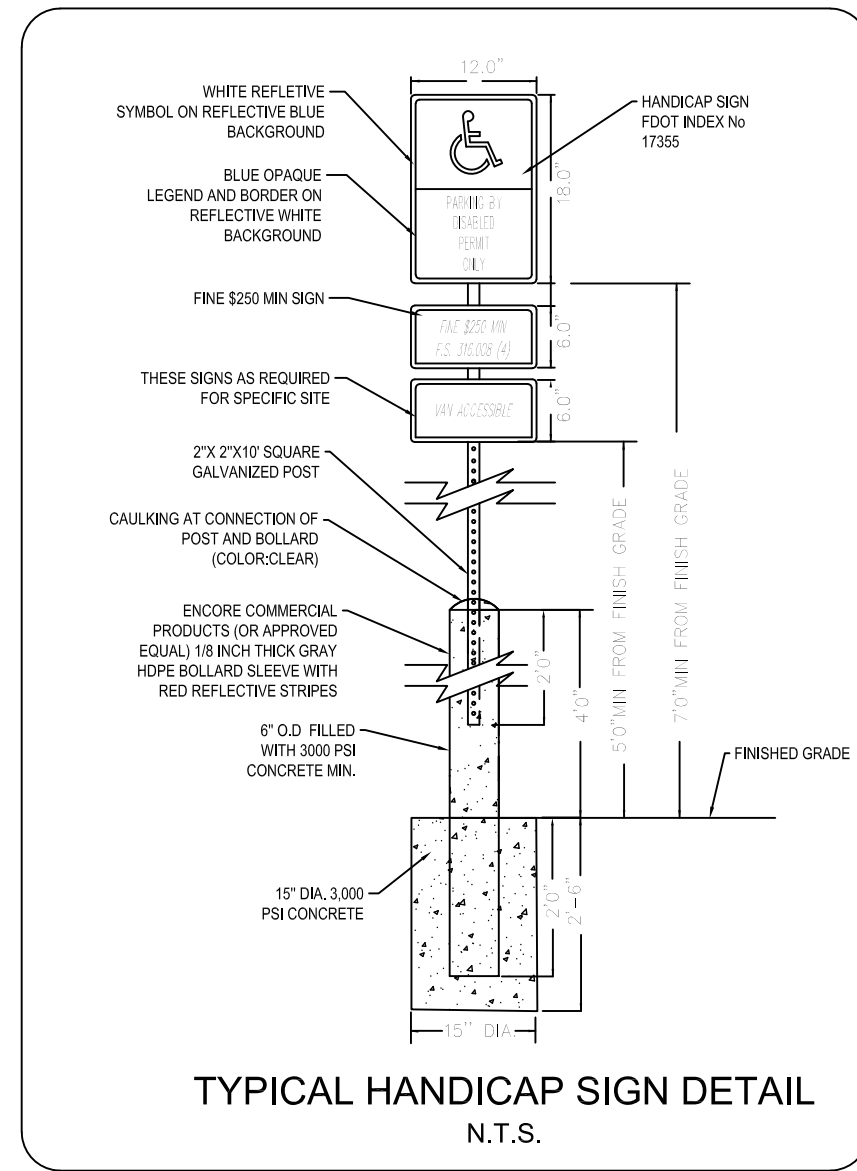
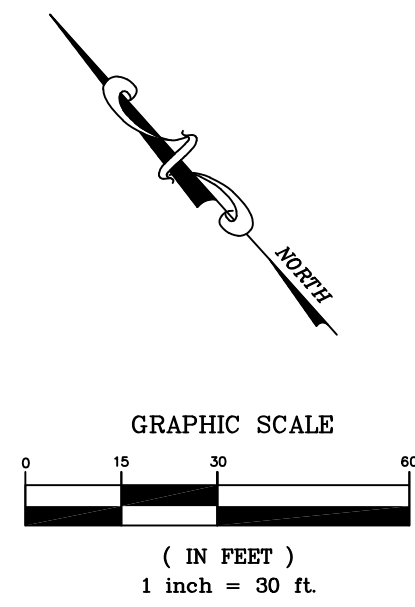
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

PUBLIX SITE DETAILS

SHEET NUMBER  
**C4.30**  
OF 27 SHEETS



1	08/27/18	PER COMMENTS
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CPWG  
3918 N. HIGHLAND  
TAMPA, FL  
813-361-2644



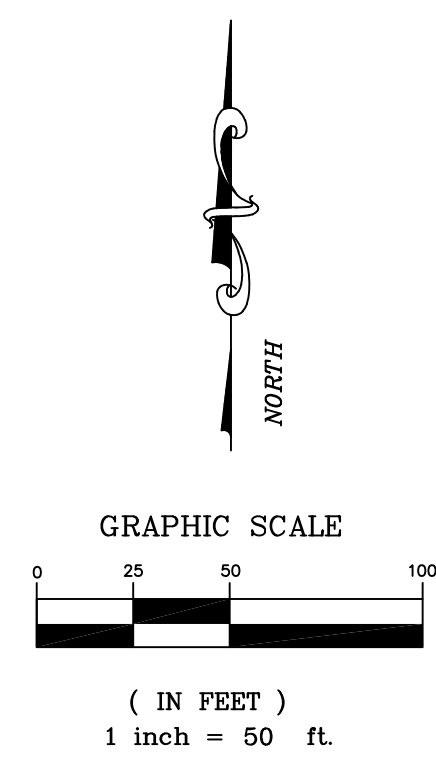
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES


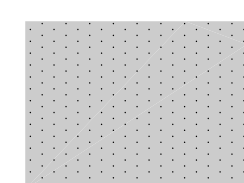

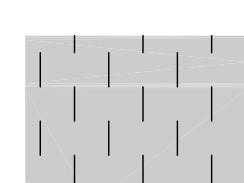
PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

ADA ACCESSIBLE  
ROUTE PLAN

SHEET NUMBER  
**C4.40**  
OF 27 SHEETS



**LEGEND**

-  EXISTING ASPHALT TO BE MILLED & RESURFACED WITH LIGHT DUTY ASPHALT
-  EXISTING ASPHALT TO BE MILLED & RESURFACED WITH HEAVY DUTY ASPHALT
-  NEW HEAVY DUTY ASPHALT
-  NEW LIGHT DUTY ASPHALT

EXISTING PAVEMENT TO BE MILLED & RESURFACED WITH HEAVY DUTY PAVEMENT

EXISTING PAVEMENT TO BE MILLED & RESURFACED WITH LIGHT DUTY PAVEMENT

EXISTING PAVEMENT TO BE MILLED & RESURFACED WITH HEAVY DUTY PAVEMENT

NEW HEAVY DUTY PAVEMENT (6,760 SF ±)

NEW LIGHT DUTY PAVEMENT (5200 SF ±)

N FEDERAL HIGHWAY A.K.A. OLD US HWY 1  
VARIABLE WIDTH ASPHALT ROAD  
VARIABLE WIDTH PUBLIC R/W

BEGIN MILLING & RESURFACING (SEE PAVEMENT SPLICE DETAIL ON C6.30)

EXISTING PAVEMENT TO BE MILLED & RESURFACED WITH HEAVY DUTY PAVEMENT

PARCEL 2  
TOTAL ACREAGE: 258.74 SQ. FT.  
0.006 ACRES ±  
TAYLOR CREEK LLC  
APN: 1433-440-0005-020-6

US HIGHWAY NO.1/N 4TH ST  
VARIABLE WIDTH ASPHALT ROAD  
200' PUBLIC R/W

FLORIDA A1A  
VARIABLE WIDTH ASPHALT ROAD

NO WETLANDS FLOOD ZONE "X"

FLOOD ZONE "A" WETLANDS "E1UBX"

WALL

EXIST TOB

GUARD RAIL

EXISTING 3,498 SF RETAIL SPACE BEING CONVERTED TO THREE (3) 1,162 SF STORES

NEW 1,160 SF STORE

NEW 1,160 SF STORE

**Publix**  
SUPER MARKETS  
45.90 PROTOTYPE  
46,013 SF

NEW LIGHT DUTY PAVEMENT (5200 SF ±)

CONTRACTOR TO ENSURE THAT ALL EXISTING BASE IN NEWLY CREATED ISLANDS IS REMOVED

EXISTING PAVEMENT TO BE MILLED & RESURFACED WITH HEAVY DUTY PAVEMENT

BEGIN MILLING & RESURFACING (SEE PAVEMENT SPLICE DETAIL ON C6.30)

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TAMPA, FL  
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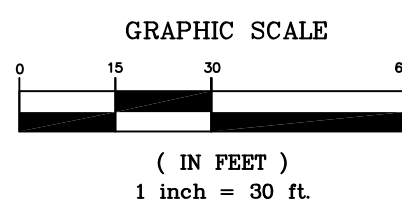
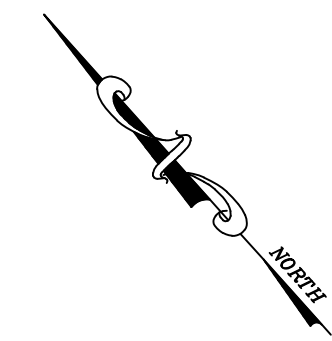
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

PAVING PLAN

SHEET NUMBER  
**C5.00**  
OF 27 SHEETS



**VERTICAL DATUM INFORMATION**

ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)

**FLOODZONE INFORMATION**

BASED ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE AT WWW.MSC.FEMA.GOV. AND BY GRAPHIC PLOTTING ONLY. THIS PROPERTY IS LOCATED IN ZONES "X & A" ON FLOOD INSURANCE RATE MAP NUMBER 12111C0177J, WHICH BEARS AN EFFECTIVE DATE OF 2/18/2012 AND IS PARTIALLY IN A SPECIAL FLOOD HAZARD AREA. FLOODZONE AS INDICATED ON REFERENCED FEMA MAP IS ELEV. 5.0'

**LEGEND**

- PROPERTY LINE
- EXISTING ELEVATION
- PROPOSED ELEVATION
- SURFACE WATER FLOW PATH
- EXISTING BUILDING TO REMAIN
- PROPOSED CONCRETE
- PAVEMENT AREA (SEE PAVING PLAN)
- PROPOSED BUILDING

MATCHLINE (SEE SHEET C6.10)

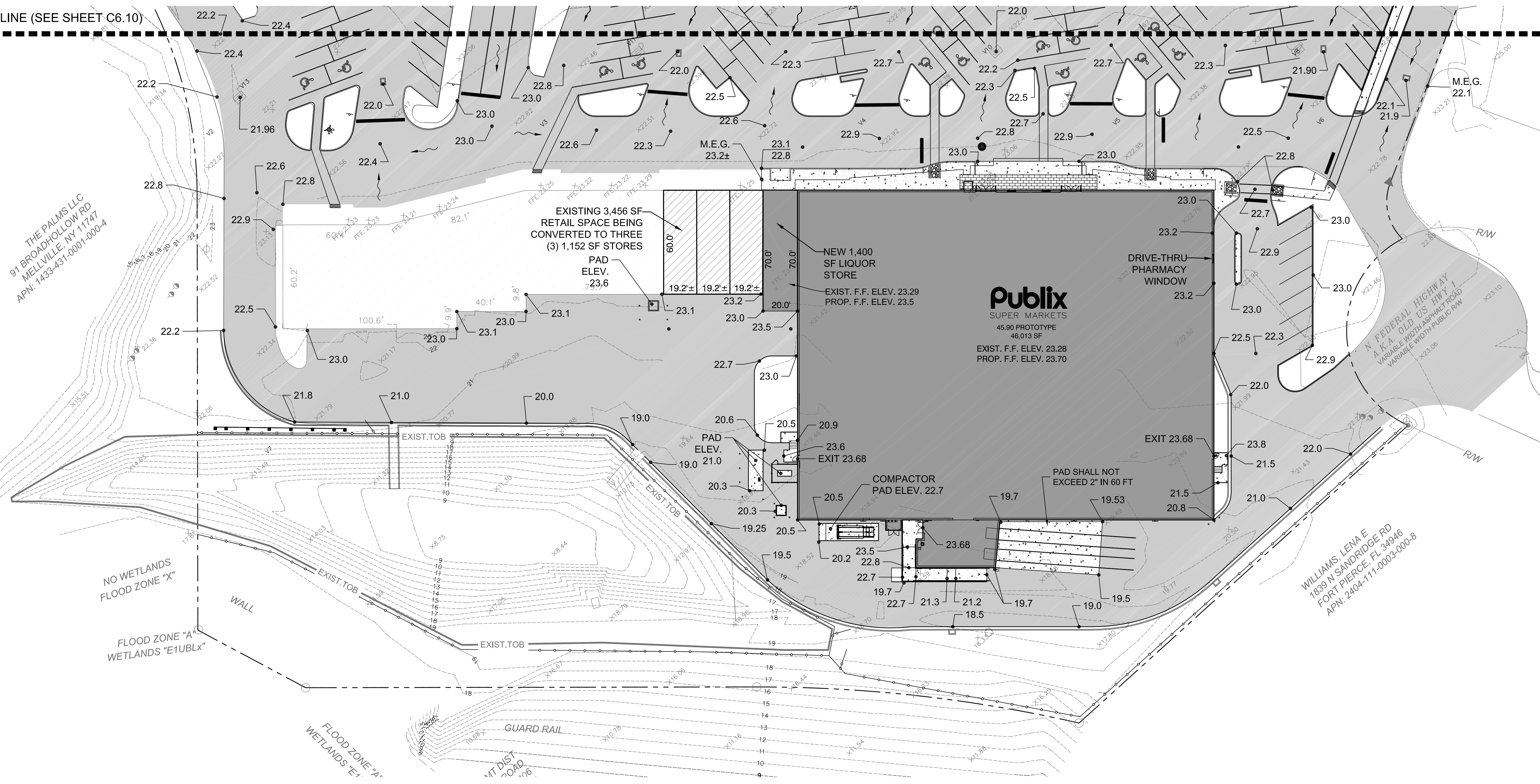
THE PALMS LLC  
91 BROADHOLLOW RD  
MELLVILLE, NY 11747  
APN: 1433-431-0001-000-4

NO WETLANDS  
FLOOD ZONE "X"  
WALL  
FLOOD ZONE "A"  
WETLANDS "E1UBLX"

FLOOD ZONE "A"  
WETLANDS "E1"

GUARD RAIL  
VT DIST ROAD

WILLIAMS LENA E  
1839 N SANDRIDGE RD  
FORT PIERCE, FL 34946  
APN: 2404-111-0003-000-8



1	08/27/18	PER COMMENTS
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3918 N. HIGHLAND  
TAMPA, FL  
813-361-2644



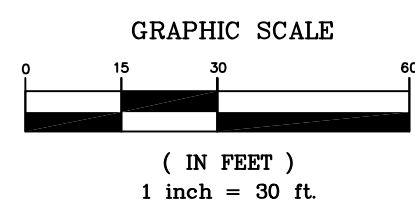
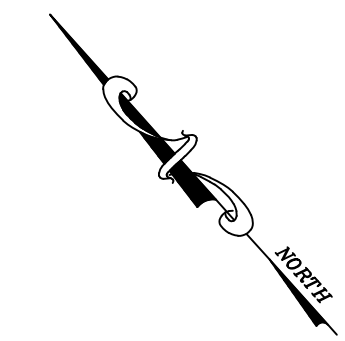
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

GRADING PLAN

SHEET NUMBER  
**C6.00**  
OF 27 SHEETS



**VERTICAL DATUM INFORMATION**

ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)

**FLOODZONE INFORMATION**

BASED ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE AT WWW.MSC.FEMA.GOV. AND BY GRAPHIC PLOTTING ONLY. THIS PROPERTY IS LOCATED IN ZONES 'X & A' ON FLOOD INSURANCE RATE MAP NUMBER 1211C0177J, WHICH BEARS AN EFFECTIVE DATE OF 2/16/2012 AND IS PARTIALLY IN A SPECIAL FLOOD HAZARD AREA. FLOODZONE AS INDICATED ON REFERENCED FEMA MAP IS ELEV. 5.0'

**LEGEND**

- PROPERTY LINE
- x 22.38 EXISTING ELEVATION
- 22.3 PROPOSED ELEVATION
- SURFACE WATER FLOW PATH
- EXISTING BUILDING TO REMAIN
- PROPOSED CONCRETE
- PAVEMENT AREA (SEE PAVING PLAN)
- PROPOSED BUILDING



MATCHLINE (SEE SHEET C6.00)

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CPWG  
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TAMPA, FL  
813-361-2644



MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

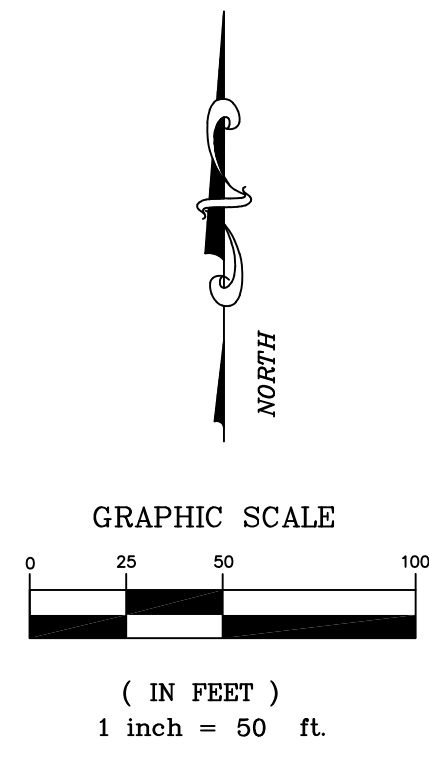
*CWH*  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

GRADING PLAN

SHEET NUMBER  
**C6.10**  
OF 27 SHEETS

**IMPERVIOUS AREA**  
 EXISTING = 312,880 SF  
 ORIGINALLY PERMITTED = 322,780 SF  
 PROPOSED = 318,560 SF



**VERTICAL DATUM INFORMATION**

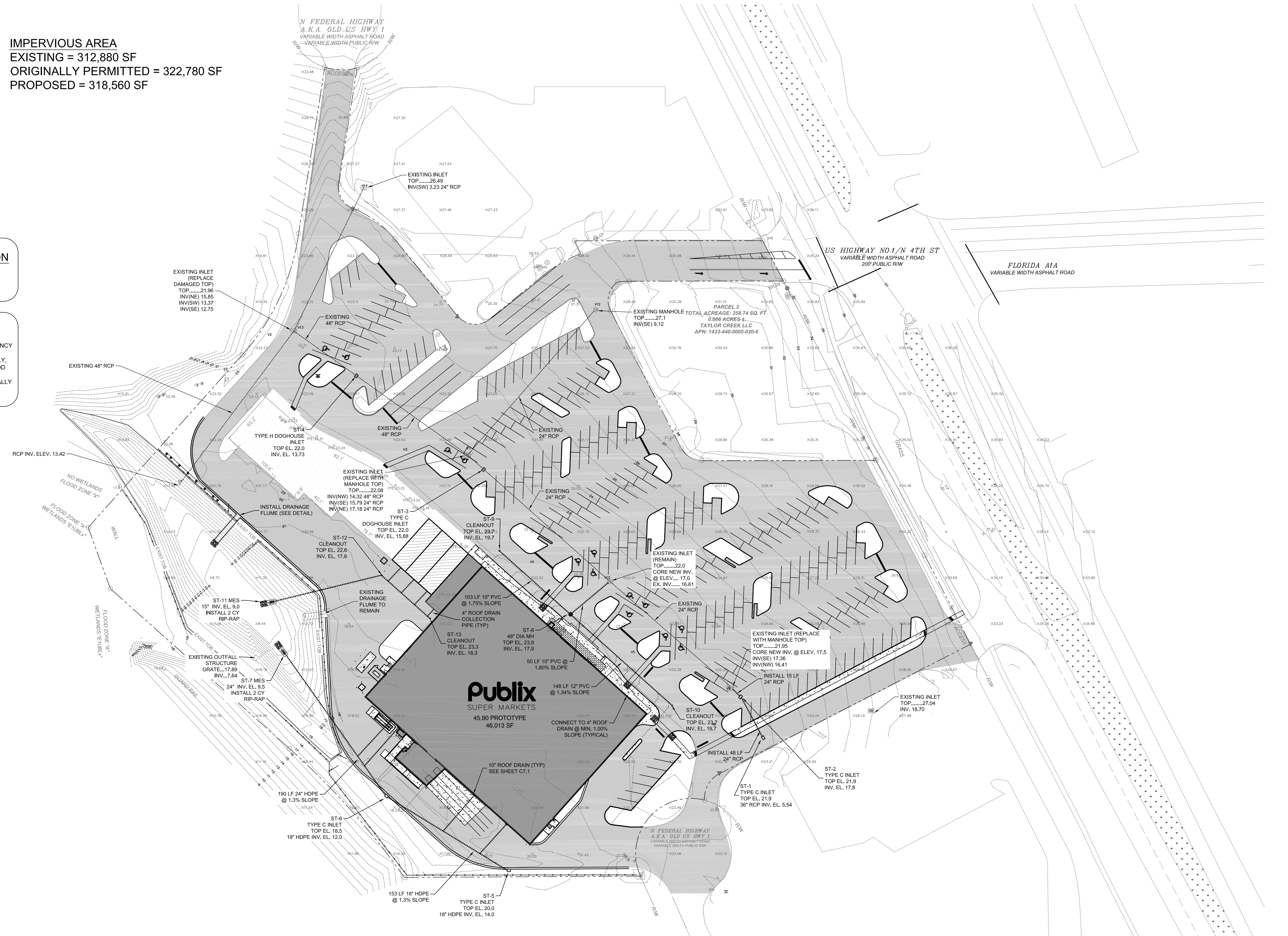
ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)

**FLOODZONE INFORMATION**

BASED ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE AT WWW.MSC.FEMA.GOV. AND BY GRAPHIC PLOTTING ONLY. THIS PROPERTY IS LOCATED IN ZONES "X & A" ON FLOOD INSURANCE RATE MAP NUMBER 12111C0177J, WHICH BEARS AN EFFECTIVE DATE OF 2/16/2012 AND IS PARTIALLY IN A SPECIAL FLOOD HAZARD AREA. FLOODZONE AS INDICATED ON REFERENCED FEMA MAP IS ELEV. 5.0'

**LEGEND**

- PROPERTY LINE
- EXISTING DRAINAGE PIPE
- PROPOSED DRAINAGE PIPE
- PROPOSED INLET
- PROPOSED MITERED END SECTION
- PROPOSED RIP-RAP
- SURFACE WATER FLOW PATH
- EXISTING BUILDING TO REMAIN
- PROPOSED CONCRETE
- PAVEMENT AREA (SEE PAVING PLAN)
- PROPOSED BUILDING



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MICHAEL STALZER, PE  
 FLORIDA REG. PROF. ENGINEER No.: 79953  
 DATE: AUGUST 28, 2018

*CWH*  
 REAL ESTATE SERVICES

**PUBLIX SUPER MARKET  
 FORT PIERCE  
 STORE #1682**

**DRAINAGE PLAN**

SHEET NUMBER	<b>C6.20</b>
OF 27 SHEETS	

**PAVEMENT AND BASE REPLACEMENT**

BASE, INSTALLED TO A THICKNESS OF TWO TIMES THE THICKNESS OF THE EXISTING BASE OR 12" WHICHEVER IS GREATER, SHALL BE INSTALLED IN 6" LIFTS. THE BASE SHALL BE COMPACTED TO 98% THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180-57. A MINIMUM OF TWO DENSITY TESTS PER LIFT IS REQUIRED. NINE (9) INCHES OF SUPERPAVE ASPHALT INSTALLED IN THREE (3) INCH LIFTS MAY BE SUBSTITUTED.

THE SURFACE COURSE SHALL BE F.D.O.T. SUPERPAVE AC WITH A THICKNESS EQUAL TO THE EXISTING OR 1-3/4", WHICHEVER IS GREATER. PAVEMENT JOINTS SHALL BE MECHANICALLY SAWS.

THE PATCH AREA SHALL BE A SMOOTH PLANE SUCH THAT A STRAIGHT EDGE PLACE ACROSS THE PATH, PARALLEL TO TRAFFIC FLOW AND EXTENDING TO UNDISTURBED PAVEMENT SHALL SHOW NO MORE THAN 1/4" IRREGULARITY. ANY IRREGULARITIES SHALL BE CORRECTED IN SUBSTANTIAL COMPLIANCE WITH F.D.O.T. SPECS.

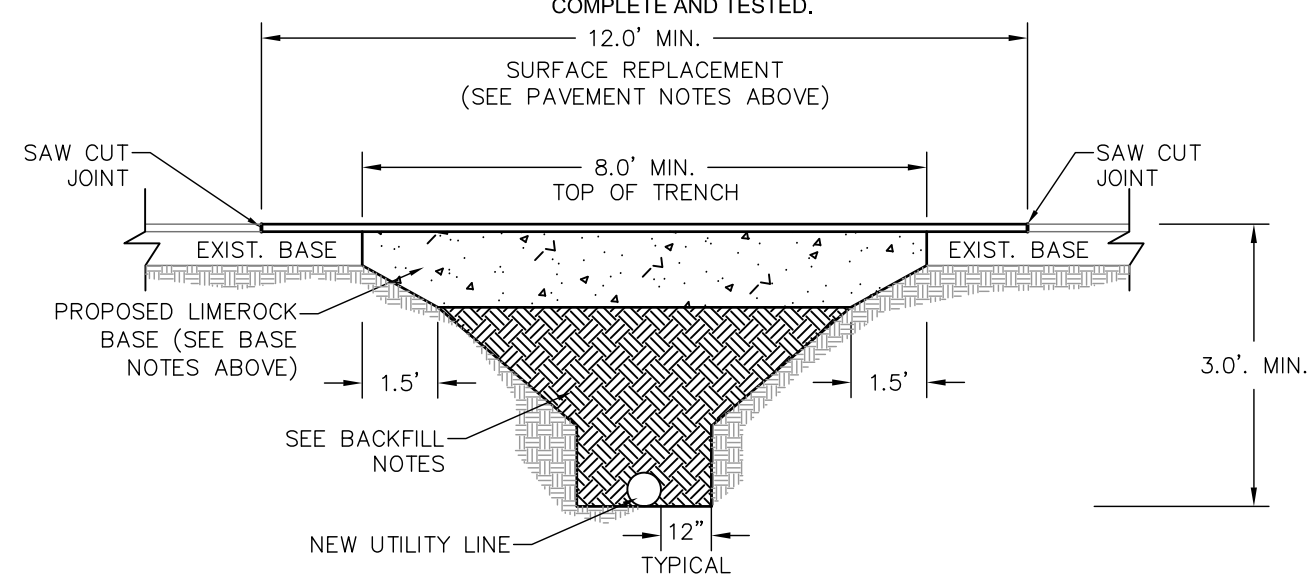
DISTURBED ROADWAYS CONSTRUCTED OF FULL DEPTH ASPHALT SHALL BE REPLACED IN KIND.

**BACKFILL PROCEDURE**

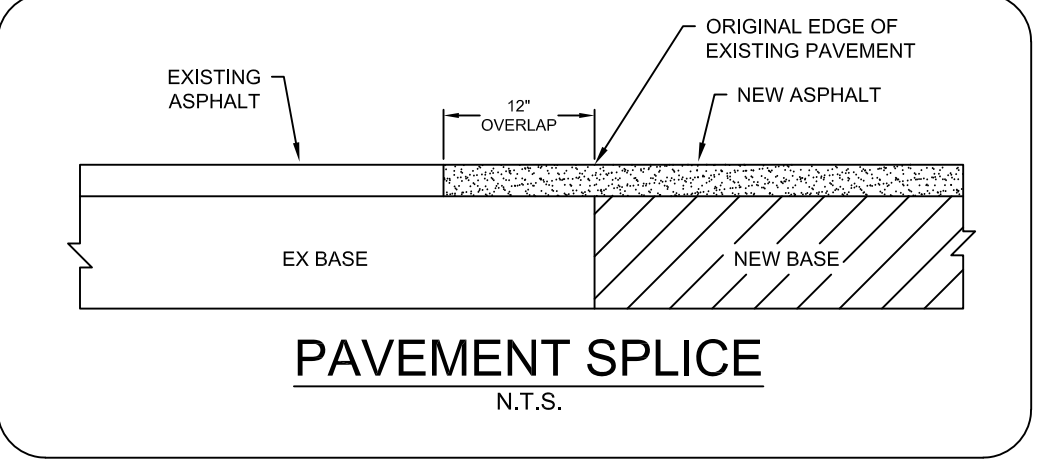
THE BACKFILL AND BEDDING MATERIAL SHALL BE OF THE A-1, A-2, A-3, OR A-2.4 CLASSIFICATION AS PER AASHTO, UNLESS OTHERWISE APPROVED BY THE ENGINEER OF RECORD.

THE BACKFILL SHALL BE COMPACTED IN 12" LAYERS WITH MECHANICAL TAMPERS TO THE FULL WIDTH OF THE TRENCH AND UP TO THE BOTTOM OF THE ROADWAY BASE. PARTICULAR ATTENTION MUST BE GIVEN TO THE ADEQUATE COMPACTION OF THE FILL BENEATH THE HAUNCHES OF THE PIPE. THE BACKFILL SHALL BE COMPACTED TO 98% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180-57. ONE DENSITY TEST SHALL BE TAKEN AT THE SPRING LINE OF THE PIPE, AT ONE FOOT ABOVE THE CROWN OF THE PIPE, AND EVERY FOOT VERTICALLY THEREAFTER. A MINIMUM OF TWO COMPLETE SETS OF BACKFILL DENSITY TEST ARE REQUIRED. FLOWABLE FILL IN ACCORDANCE WITH SECTION 121 OF THE F.D.O.T. STANDARD SPECIFICATIONS MAY BE SUBSTITUTED.

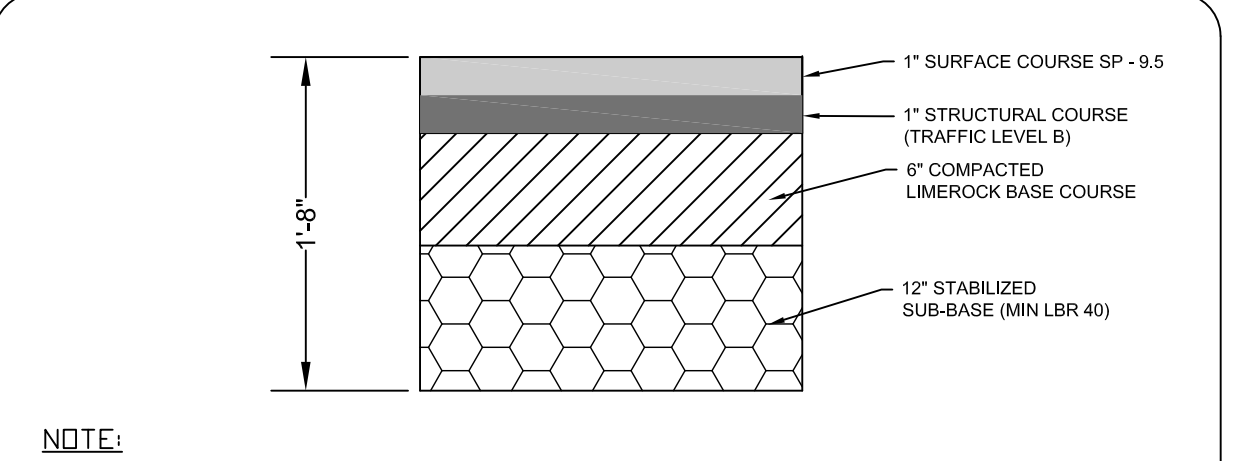
IF WELL POINTS ARE USED TO PROVIDE A DRY TRENCH FOR LAYING THE UTILITY, THEY SHALL REMAIN IN OPERATION UNTIL THE BACKFILL IS COMPLETE AND TESTED.



**PAVEMENT RESTORATION FOR NEW UTILITY LINES DETAIL**  
N.T.S.

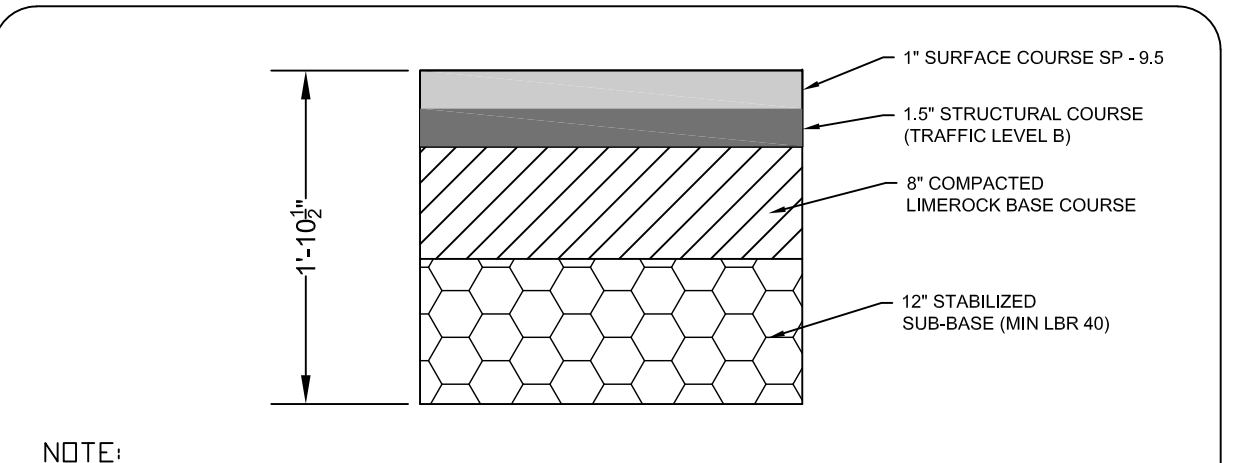


**PAVEMENT SPLICE**  
N.T.S.



**NOTE:**  
SUB-GRADE CUT TO BE COMPACTED TO 95% MAX. DENSITY AS DETERMINED BY AASHTO T-180.

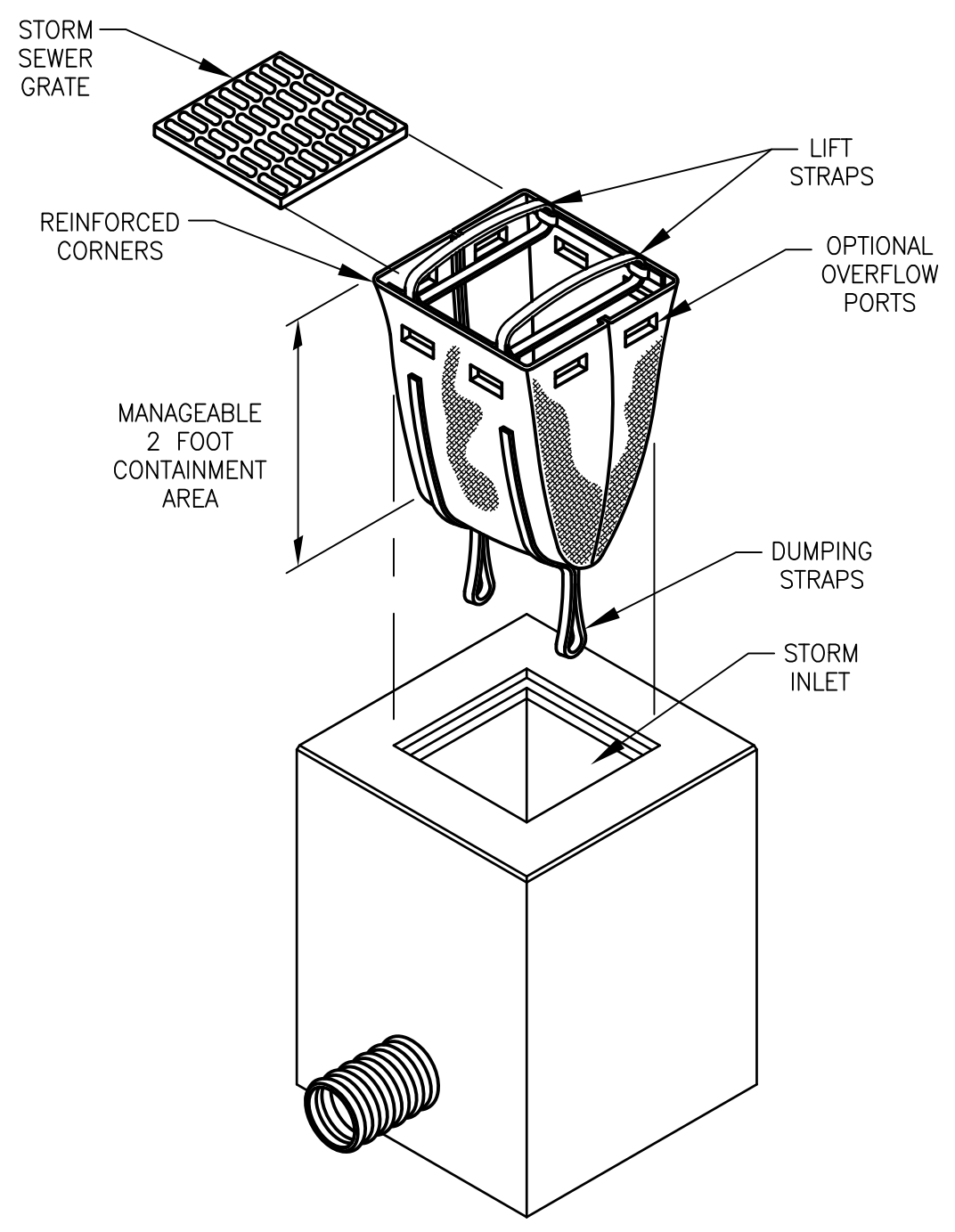
**LIGHT DUTY ASPHALT PAVEMENT SECTION**  
N.T.S.



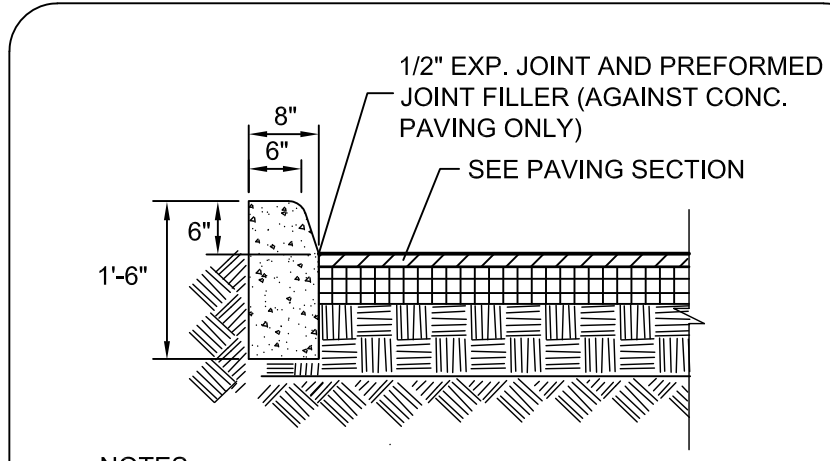
**NOTE:**  
SUB-GRADE CUT TO BE COMPACTED TO 95% MAX. DENSITY AS DETERMINED BY AASHTO T-180.

**HEAVY DUTY ASPHALT PAVEMENT SECTION**  
N.T.S.

- INSTALLATION:**
1. REMOVE THE GRATE FROM THE CATCH BASIN.
  2. FOR OIL AND SEDIMENT MODEL; TO INSTALL OR REPLACE ABSORBENT, PLACE ABSORBENT PILLOW IN UNIT, ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY SACK@UNIT SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. THE GRATE SHOULD BE CRADLED BETWEEN THE UPPER AND LOWER STRAPS.
  3. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET, BEING CAREFUL THAT THE GRATE REMAINS IN PLACE AND BEING CAREFUL NOT TO DAMAGE THE DANDY SACK@UNIT.
- MAINTENANCE:**
4. REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT.
  5. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDYSACK@UNIT. IF THE UNIT IS MORE THAN 1/3 FULL OF ACCUMULATED SEDIMENT, THE UNIT MUST BE EMPTIED.
  6. TO EMPTY THE UNIT, USING THE LIFTING STRAPS LIFT THE UNIT OUT OF THE INLET AND REMOVE THE GRATE. TRANSPORT THE UNIT TO AN APPROPRIATE LOCATION FOR REMOVAL OF THE CONTENTS. HOLDING THE DUMPING STRAPS ON THE OUTSIDE AT THE BOTTOM OF THE UNIT, TURN THE UNIT UPSIDE DOWN, EMPTYING THE CONTENTS. REINSTALL UNIT AS ABOVE.
  7. FOR OIL AND SEDIMENT MODEL; REMOVE AND REPLACE ABSORBENT WHEN NEAR SATURATION.
  8. DISPOSE OF UNIT AND/OR ABSORBENT IN ACCORD WITH APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL LAWS AND REGULATIONS.



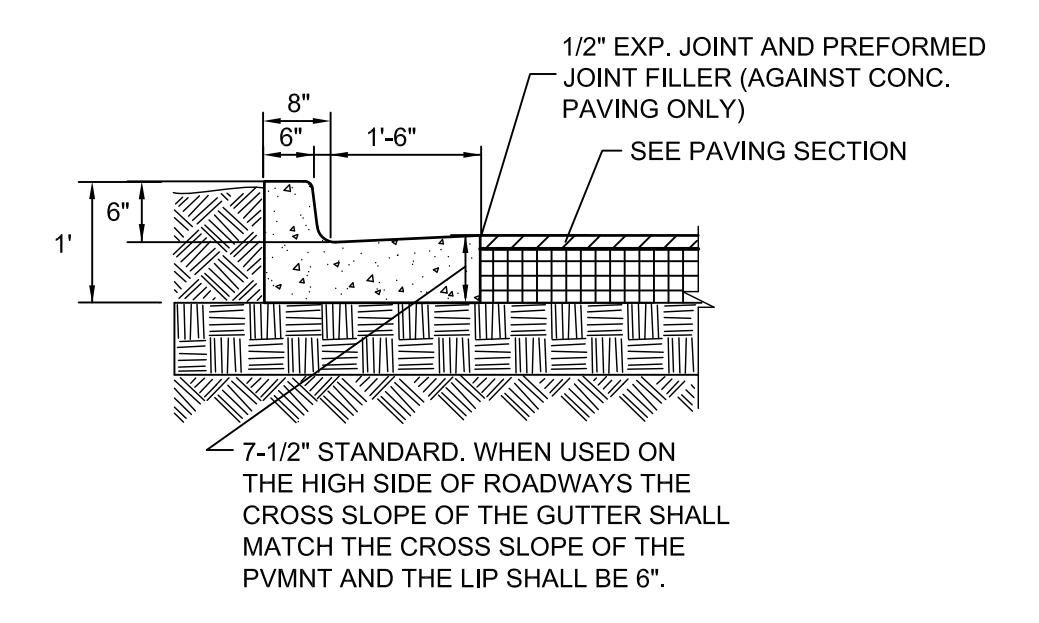
**EXISTING INLET PROTECTION DETAIL (DANDY SACK OR APPROVED EQUAL)**  
N.T.S.



**NOTES:**

1. CONSTRUCT PER FDOT INDEX NO. 300.
2. PROVIDE 1/8"-1/4" (SAW CUT) CONTRACTION JOINTS AT 10' CENTERS (MAXIMUM). MATCH PAVEMENT JOINTS FOR CONCRETE PAVEMENT.
3. PROVIDE END TRANSITIONS PER F.D.O.T. INDEX NO. 300.

**TYPE "D" CURB DETAIL**  
N.T.S.

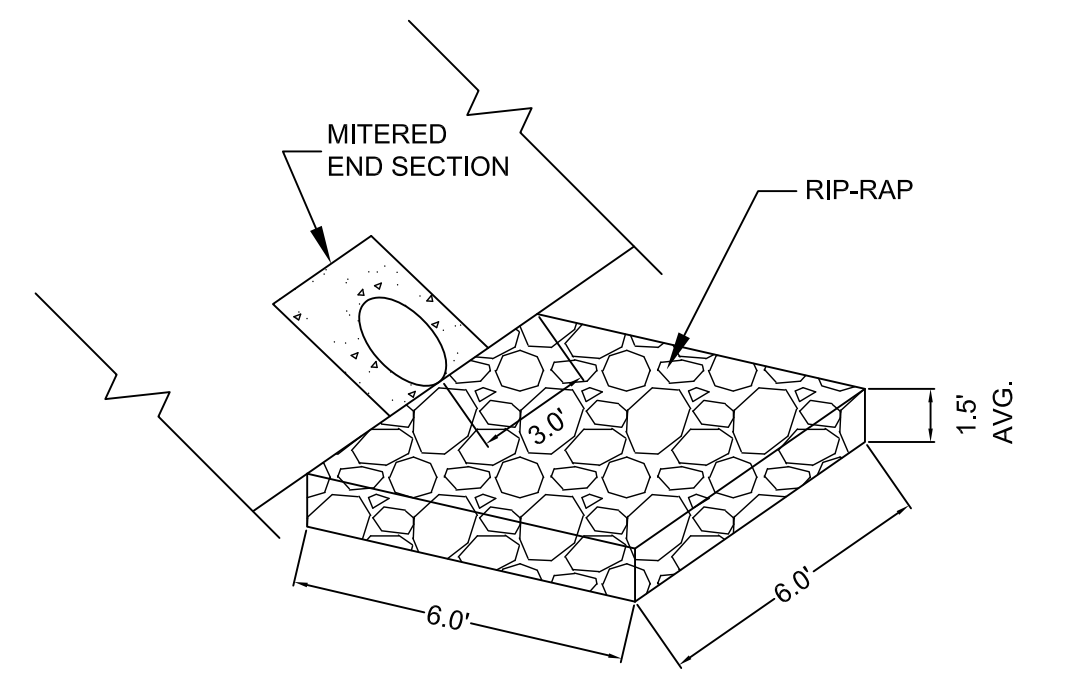


**NOTES:**

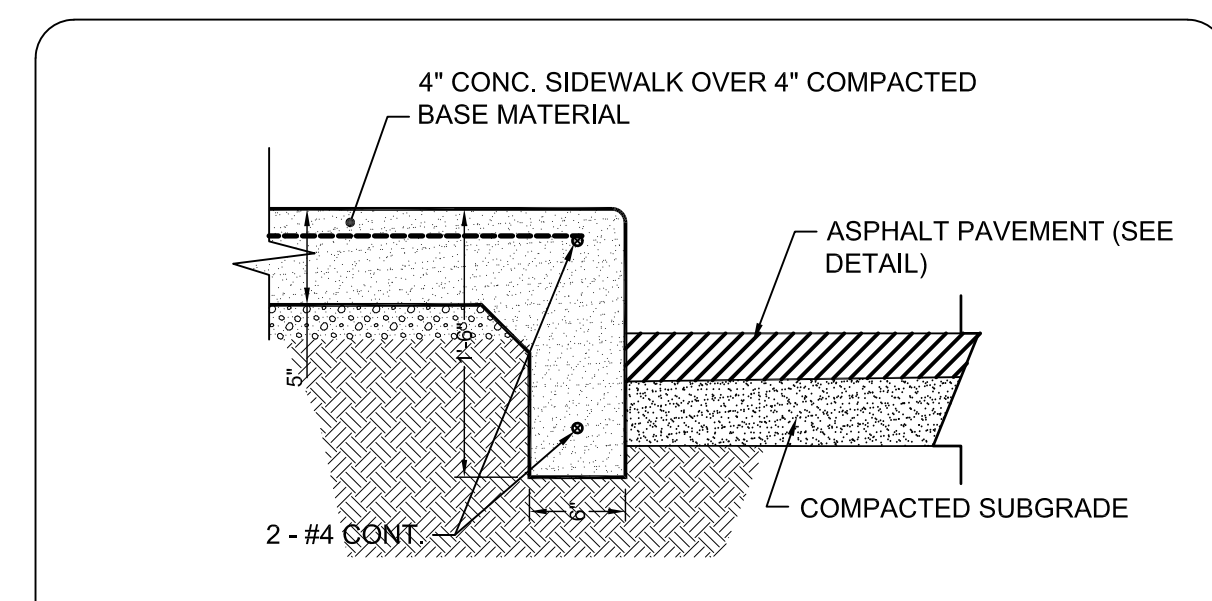
1. CONSTRUCT PER FDOT INDEX NO. 300.
2. PROVIDE 1/8"-1/4" (SAW CUT) CONTRACTION JOINTS AT 10' CENTERS (MAXIMUM). MATCH PAVEMENT JOINTS FOR CONCRETE PAVEMENT.
3. PROVIDE END TRANSITIONS PER F.D.O.T. INDEX NO. 300.

**TYPE "F" CURB & GUTTER DETAIL**  
N.T.S.

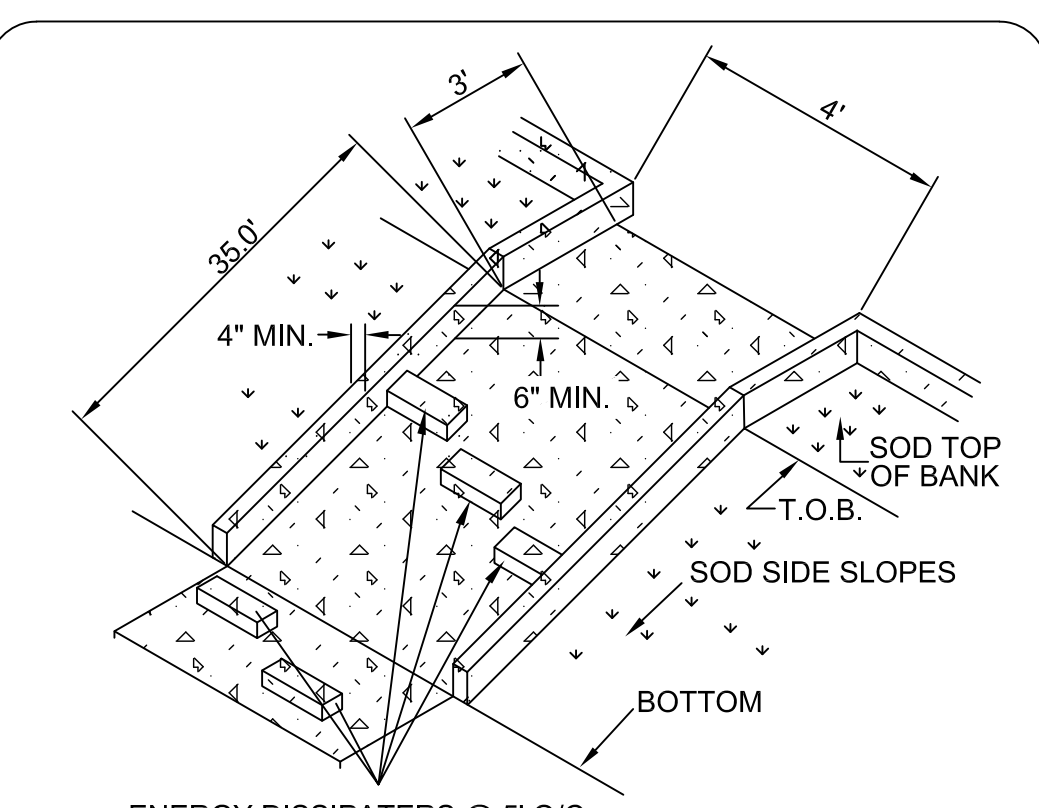
- NOTES:**
1. RIP-RAP TO BE RUBBLE (NO BAGGED RIP-RAP ALLOWED) MEETING THE REQUIREMENTS OF FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, LATEST EDITION, SECTION 530, FOR RUBBLE DITCH LINING.



**RIP-RAP DETAIL**  
N.T.S.



**CONCRETE SIDEWALK TYPE II**  
N.T.S.



**ENERGY DISSIPATORS @ 5' O/C**  
**FLUME DETAIL**  
N.T.S.

1	08/27/18	PER COMMENTS
0	07/31/18	ISSUED FOR PERMITTING
NO.	DATE	REVISION

CPWG  
3918 N. HIGHLAND  
TAMPA, FL  
813-361-2644

**cpwg**  
AT THE READY.

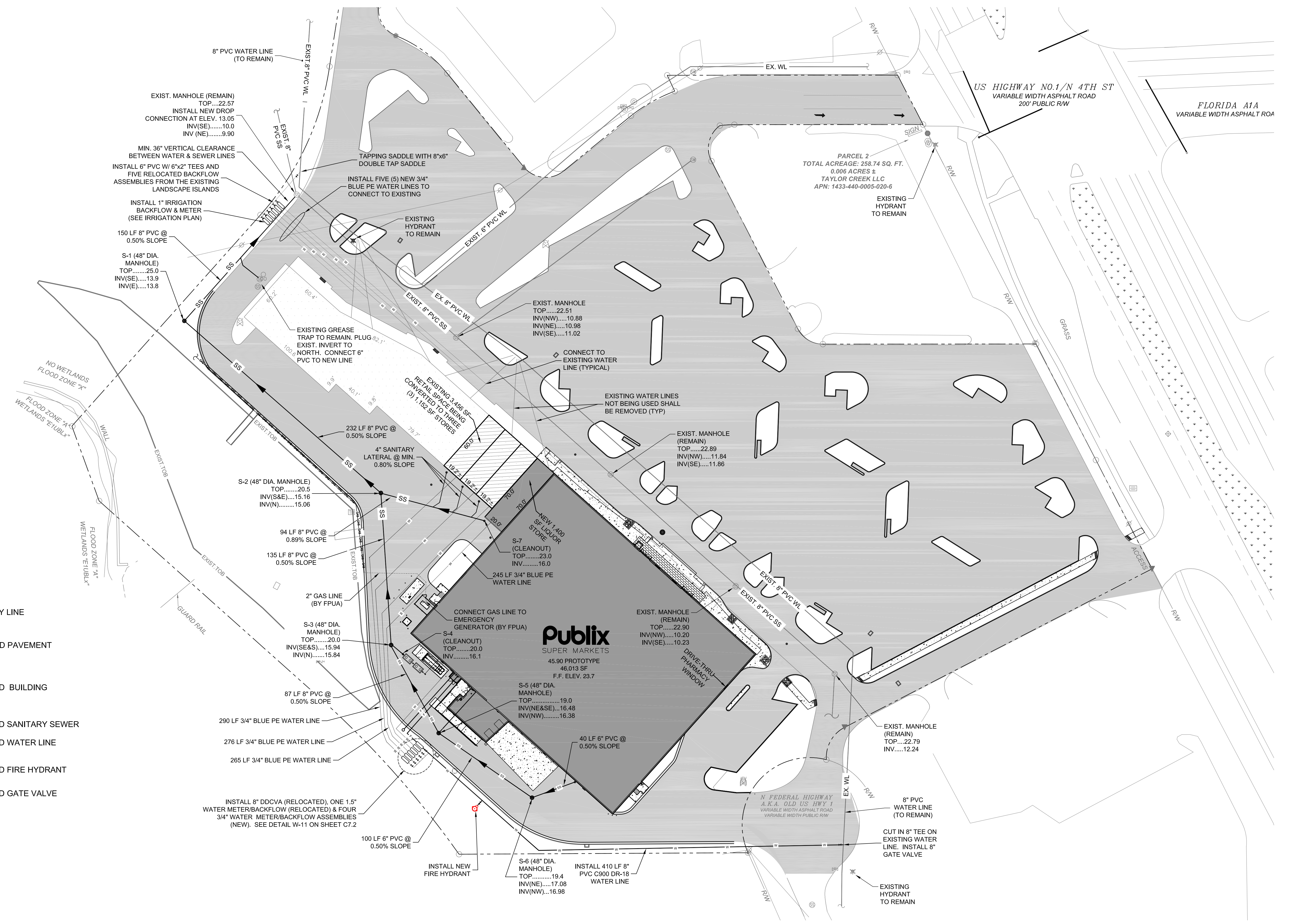
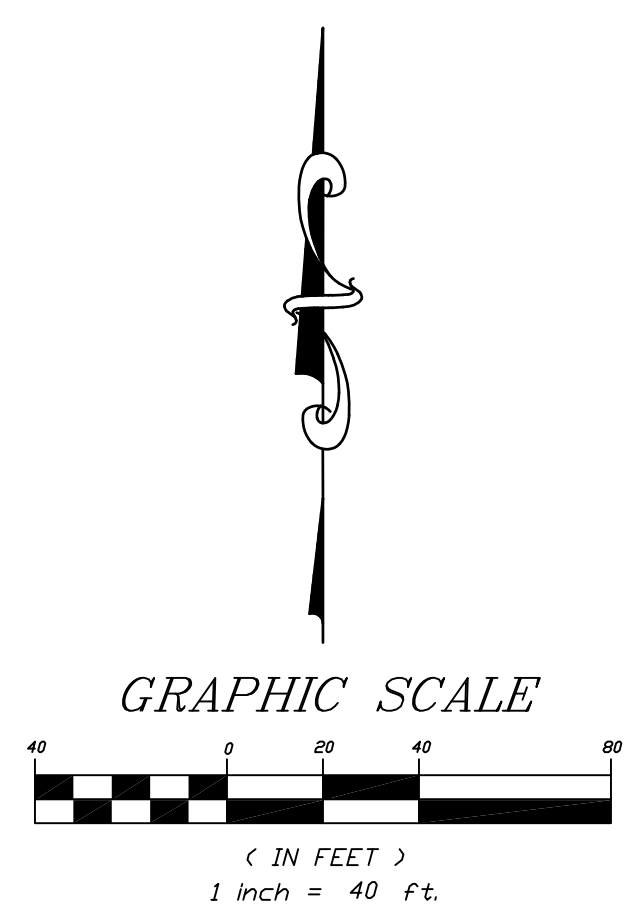
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

**CWH**  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

PAVING, GRADING &  
DRAINAGE DETAILS

SHEET NUMBER  
**C6.30**  
OF 27 SHEETS



**LEGEND**

- PROPERTY LINE
- PROPOSED PAVEMENT
- PROPOSED BUILDING
- PROPOSED SANITARY SEWER
- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE

1	08/27/18	PER COMMENTS	
0	07/31/18	ISSUED FOR PERMITTING	
NO.	DATE	REVISION	

CPWG  
3918 N. HIGHLAND  
TAMPA, FL  
813-361-2644



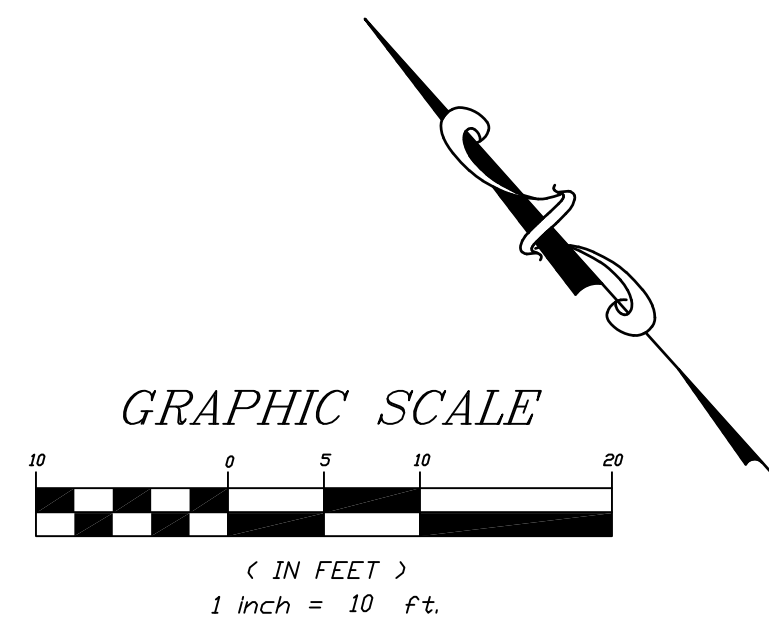
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

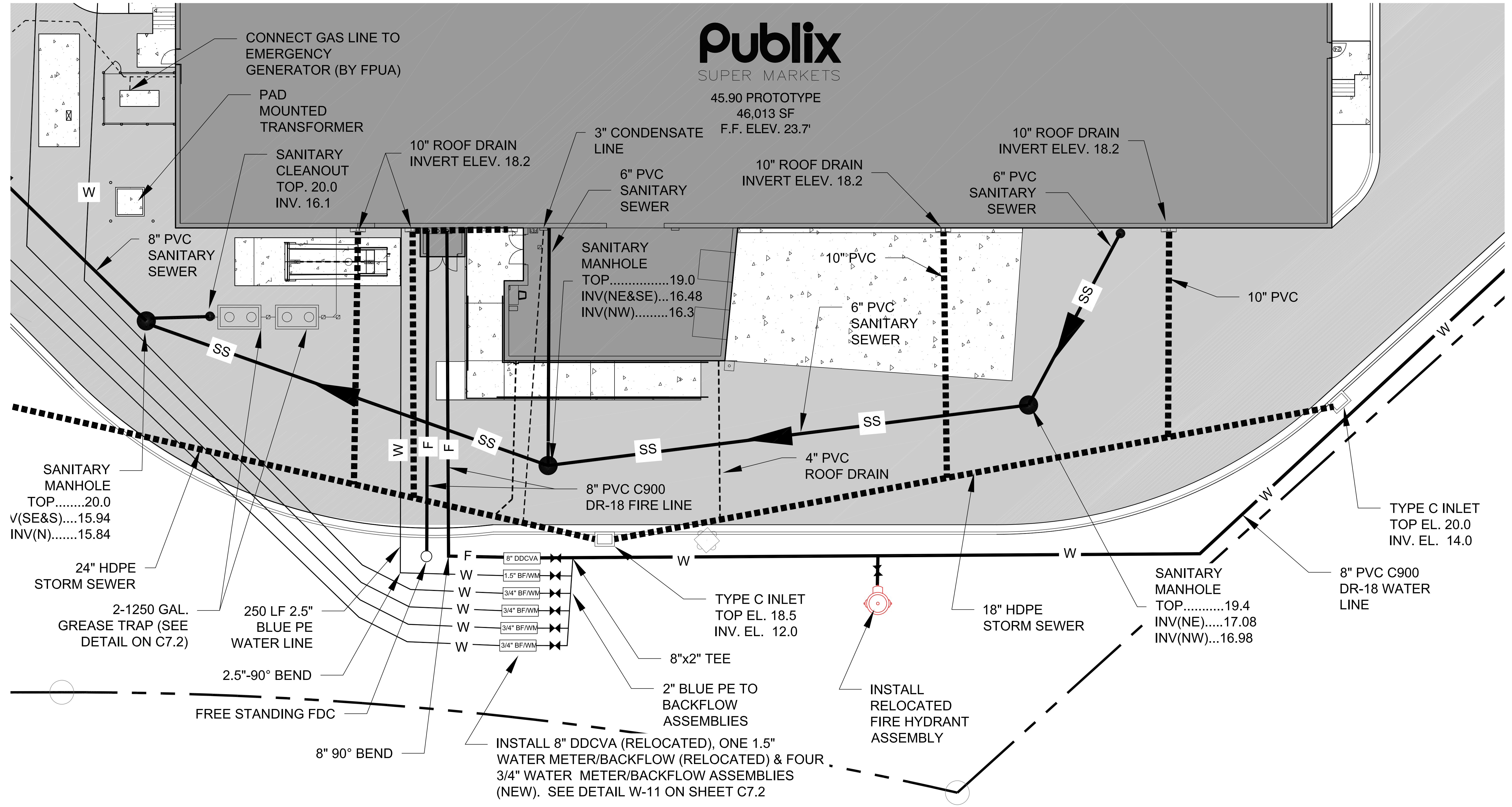
**PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682**

**UTILITY PLAN**

SHEET NUMBER  
**C7.00**  
OF 27 SHEETS



- LEGEND**
- PROPERTY LINE
  - SS --- PROPOSED SANITARY SEWER
  - W --- PROPOSED WATER LINE
  - PROPOSED DRAINAGE PIPE
  - PROPOSED FIRE HYDRANT
  - ✕ PROPOSED GATE VALVE



**Publix**  
SUPER MARKETS

45.90 PROTOTYPE  
46,013 SF  
F.F. ELEV. 23.7'

NO.	DATE	REVISION
1	08/27/18	PER COMMENTS
0	07/31/18	ISSUED FOR PERMITTING

CPWG  
3918 N. HIGHLAND  
TAMPA, FL  
813-361-2644



MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

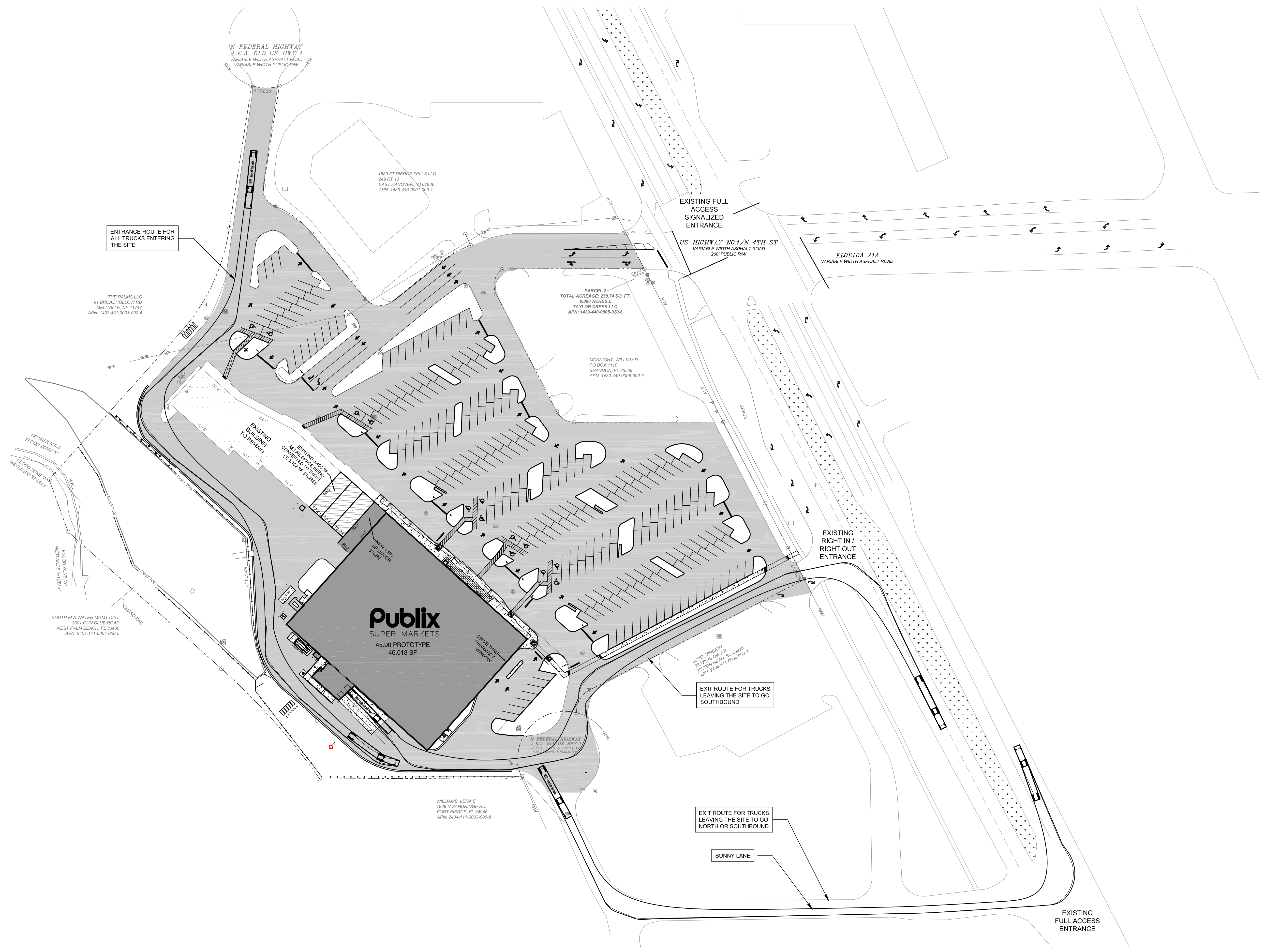
*CWH*  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

PUBLIX BACK OF  
STORE UTILITY PLAN

SHEET NUMBER  
**C7.10**  
OF 27 SHEETS





1	08/27/18	PER COMMENTS
0	07/31/18	ISSUED FOR PERMITTING
NO.	DATE	REVISION

CPWG  
3918 N. HIGHLAND  
TAMPA, FL  
813-361-2644



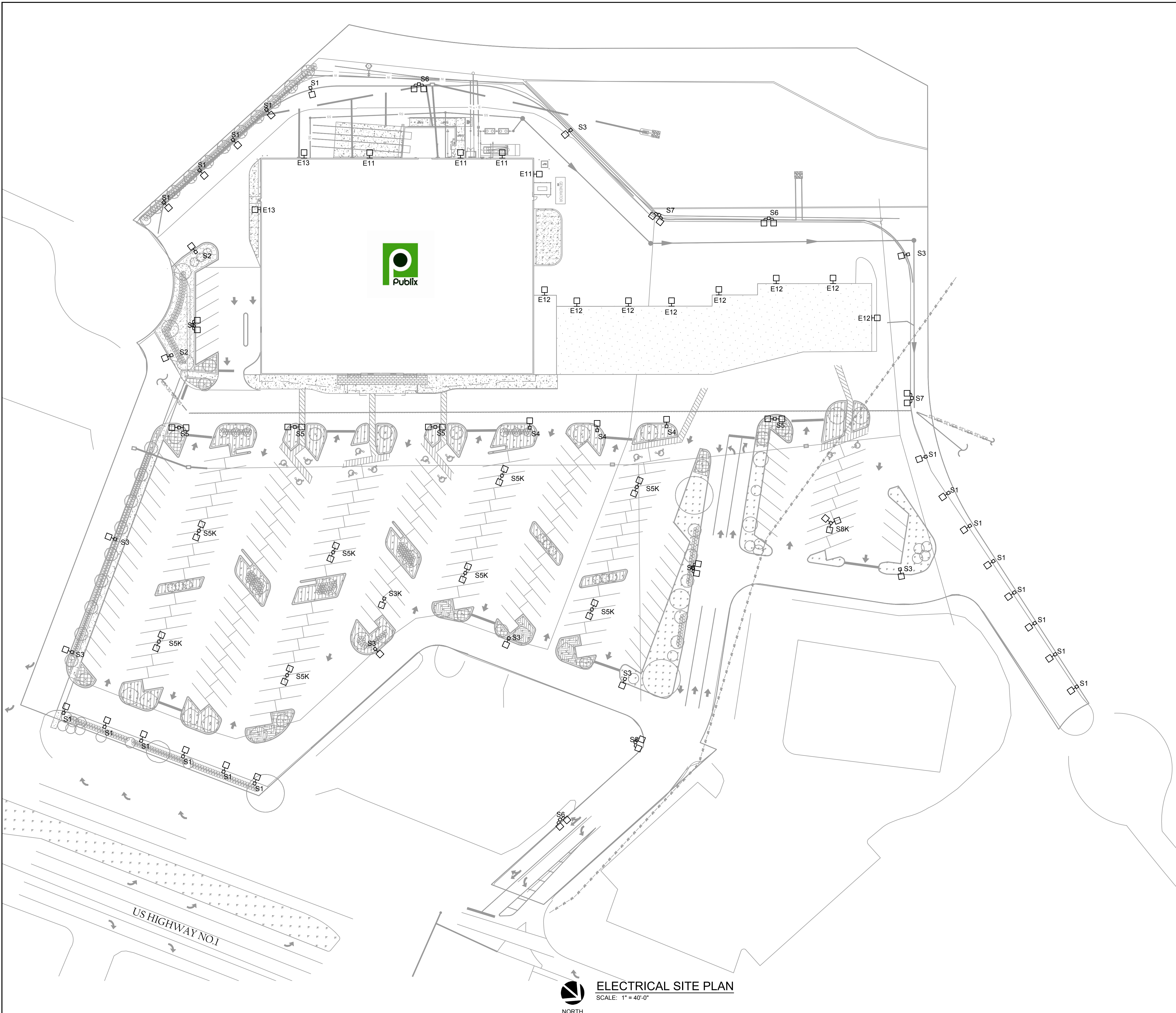
MICHAEL STALZER, PE  
FLORIDA REG. PROF. ENGINEER No.: 79953  
DATE: AUGUST 28, 2018

*CWH*  
REAL ESTATE SERVICES

PUBLIX SUPER MARKET  
FORT PIERCE  
STORE #1682

TRUCK ROUTING PLAN

SHEET NUMBER  
**C8.00**  
OF 27 SHEETS



**ELECTRICAL SITE PLAN**  
 SCALE: 1" = 40'-0"  
 NORTH

**KEYED NOTES**

1. REPLACE EXISTING RETAIL SITE LIGHTING PANEL AND SERVICE WITH NEW. SEE RETAIL SITE LIGHTING RISER DIAGRAM ON THIS SHEET.
2. MAINTAIN CONDUIT AND CONDUCTOR SIZE FOR THE ENTIRE LENGTH OF THE CIRCUIT.
3. ROUTE CIRCUIT VIA EXISTING HOUSE LIGHTING CONTROL CABINET 'LCC-HPA'. SEE HOUSE LIGHTING CONTROL DIAGRAM 'LCC-HPA' ON RETAIL PLANS.
4. ROUTE CIRCUIT VIA NEW HOUSE LIGHTING CONTROL CABINET 'LCC-HPB'. SEE HOUSE LIGHTING CONTROL DIAGRAM 'LCC-HPB' ON SHEET THIS SHEET.
5. EXISTING HOUSE LIGHTING CONTROL CABINET 'LCC-HPA' INSTALLED UNDER RETAIL CONTRACT. SEE HOUSE LIGHTING CONTROL DIAGRAM ON RETAIL PLANS.
6. PROVIDE NEW HOUSE LIGHTING CONTROL CABINET 'LCC-HPB'. SEE NEW HOUSE LIGHTING CONTROL DIAGRAM 'LCC-HPB' ON THIS SHEET.
7. PROVIDE NEW SERVICE TO EXISTING WELL PUMP. CONNECT WELL PUMP. COORDINATE ALL REQUIREMENTS WITH EXISTING CONDITIONS.
8. VERIFY EXISTING WIRE SIZE. EXTEND CONDUIT AND CONDUCTORS TO EXISTING WELL PUMP. SEE RETAIL SITE LIGHTING RISER DIAGRAM ON THIS SHEET.

**APOLLO ENGINEERING, LLC**  
 CONSULTING ENGINEERS  
 6344 U.S. Hwy 41 North, Suite 200S, Apollo Beach, FL 33522  
 Phone: 813.955.5007 Fax: 813.955.5005  
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**CLIENT:**  
**CRIBB PHILBECK WEAVER GROUP**  
 3918 N. HIGHLAND AVENUE  
 TAMPA, FL 33609  
 PHONE: (813) 361-2644

**PROPOSED PROJECT FOR:**  
**PUBLIX STORE #1102**  
 TAYLOR CREEK COMMONS  
 18511 N. US HIGHWAY 1  
 FORT PIERCE, FL 34946

NO.	REVISIONS
1	
2	
3	
4	
5	
6	

SCALE:	1" = 40'-0"
DRAWN BY:	CM/D/L/C/K
CHECKED BY:	HAS
ISSUE DATE:	07/30/08
PROJECT:	10082

**SHEET TITLE**  
**ELECTRICAL SITE PLAN**

**SHEET NUMBER**  
**ES1.0**

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	MOUNTING	SYMBOL	DESCRIPTION	MOUNTING
	CEILING LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		DUPLEX RECEPTACLE. SEE SPECIFICATIONS.	18" AFF TO CENTERLINE UON.
	CEILING LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		DUPLEX RECEPTACLE, ABOVE COUNTER. SEE SPECIFICATIONS.	44" AFF TO CENTERLINE UON.
	WALL WASH LIGHT FIXTURE. ARROW INDICATES WASH DIRECTION.	SEE FIXTURE SCHEDULE.		DUPLEX RECEPTACLE, ONE-HALF SWITCHED. SEE SPECIFICATIONS.	18" AFF TO CENTERLINE UON.
	WALL BRACKET LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		DUPLEX RECEPTACLE, FLOOR OR POKE-THRU. SEE SPECIFICATIONS.	FLUSH IN FLOOR UON.
	WALL BRACKET LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		DOUBLE DUPLEX RECEPTACLE. SEE SPECIFICATIONS.	18" AFF TO CENTERLINE UON.
	WALL BRACKET LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		DOUBLE DUPLEX RECEPTACLE, ABOVE COUNTER. SEE SPECIFICATIONS.	44" AFF TO CENTERLINE UON.
	WALL BRACKET LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		SIMPLEX RECEPTACLE. SEE SPECIFICATIONS.	18" AFF TO CENTERLINE UON.
	WALL MOUNTED SCONCE LIGHT FIXTURE	SEE FIXTURE SCHEDULE.		SPECIAL RECEPTACLE. NEMA CONFIGURATION AS NOTED.	18" AFF TO CENTERLINE UON.
	WALL MOUNTED SCONCE LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		MULTI-OUTLET SURFACE RACEWAY WITH NEMA 5-15R SIMPLEX RECEPTACLES AT 12" CENTERS UON.	44" AFF TO CENTERLINE UON.
	1' X 1' LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		208Y/120V OR 240/120V PANELBOARD.	78" AFF TO TOP.
	1' X 1' LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		277Y/480V PANELBOARD.	78" AFF TO TOP.
	2' X 2' LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		DISCONNECT SWITCH. NEMA/AMPERAGE/POLE/FUSE/VOLTAGE. PROVIDE NEMA 1, 600V UON.	AS NOTED.
	2' X 2' LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		MOTOR STARTER.	AS NOTED.
	2' X 4' LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		COMBINATION MOTOR STARTER/DISCONNECT SWITCH. NEMA/AMPERAGE/POLE/FUSE/VOLTAGE. PROVIDE NEMA 1, 600V UON.	AS NOTED.
	2' X 4' LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		ELECTRIC DUCT HEATER.	BY OTHERS.
	SURFACE MOUNTED LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		MOTOR CONNECTION OR EXHAUST FAN.	BY OTHERS.
	SURFACE MOUNTED LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		POWER POLE WITH POWER AND COMMUNICATIONS RACEWAY PROVISIONS AS NOTED.	AS NOTED.
	WALL MOUNTED LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		COMMUNICATIONS/DATA OUTLET.	18" AFF TO CENTERLINE UON.
	WALL MOUNTED LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		COMMUNICATIONS/DATA OUTLET, FLOOR OR POKE-THRU.	FLUSH IN FLOOR UON.
	FLUORESCENT STRIP LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		COMBINATION COMMUNICATIONS/DATA AND DUPLEX RECEPTACLE OUTLET, FLOOR OR POKE-THRU.	FLUSH IN FLOOR UON.
	FLUORESCENT STRIP LIGHT FIXTURE WITH EMERGENCY POWER BACKUP.	SEE FIXTURE SCHEDULE.		CABLE TV OUTLET.	18" AFF TO CENTERLINE UON.
	FLOOD LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		SECURITY SYSTEM CARD READER OUTLET.	48" AFF TO CENTERLINE UON.
	TRACK LIGHT FIXTURE (STRAIGHT).	SEE FIXTURE SCHEDULE.		SECURITY SYSTEM PUSH-PAD OUTLET.	48" AFF TO CENTERLINE UON.
	TRACK LIGHT FIXTURE (CURVED).	SEE FIXTURE SCHEDULE.		SECURITY SYSTEM CLOSED CIRCUIT TV CAMERA.	AS NOTED.
	PENDANT MOUNTED LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		FIRE ALARM SYSTEM CONTROL PANEL.	78" AFF TO TOP.
	ACCENT LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		FIRE ALARM SYSTEM REMOTE ANNUNCIATOR PANEL.	66" AFF TO TOP.
	CEILING FAN.	SEE FIXTURE SCHEDULE.		FIRE ALARM SYSTEM SMOKE DETECTOR.	CEILING UON.
	SINGLE-FACE CEILING MOUNTED EXIT SIGN WITH AIMING ARROWS AS INDICATED. FILL REPRESENTS READABLE FACE DIRECTION.	SEE FIXTURE SCHEDULE.		FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR.	IN SUPPLY DUCT > 2,000 CFM IN RETURN DUCT > 15,000 CFM
	TWO-FACE CEILING MOUNTED EXIT SIGN WITH AIMING ARROWS AS INDICATED. FILL REPRESENTS READABLE FACE DIRECTION.	SEE FIXTURE SCHEDULE.		FIRE ALARM SYSTEM HEAT DETECTOR.	CEILING UON.
	WALL MOUNTED EXIT SIGN WITH AIMING ARROWS AS INDICATED. FILL REPRESENTS READABLE FACE DIRECTION.	SEE FIXTURE SCHEDULE.		FIRE ALARM SYSTEM PULL STATION.	48" AFF TO CENTERLINE UON.
	WALL MOUNTED EMERGENCY BATTERY PACK LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		FIRE ALARM SYSTEM TAMPER SWITCH.	FIELD COORDINATE.
	COMBINATION EMERGENCY BATTERY LIGHT AND EXIT SIGN WITH AIMING ARROWS AS INDICATED. FILL REPRESENTS READABLE FACE.	SEE FIXTURE SCHEDULE.		FIRE ALARM SYSTEM FLOW SWITCH.	FIELD COORDINATE.
	POLE MOUNTED LIGHT FIXTURE.	SEE FIXTURE SCHEDULE.		FIRE ALARM SYSTEM RELAY CONTROL MODULE.	FIELD COORDINATE.
	SINGLE-POLE TOGGLE SWITCH.	48" AFF TO CENTERLINE UON.		FIRE ALARM SYSTEM MONITORING MODULE.	FIELD COORDINATE.
	TWO-POLE TOGGLE SWITCH.	48" AFF TO CENTERLINE UON.		FIRE ALARM SYSTEM MAGNETIC DOOR HOLDER.	ON WALL 6" BELOW TOP OF DOOR.
	THREE-WAY TOGGLE SWITCH.	48" AFF TO CENTERLINE UON.		FIRE ALARM SYSTEM HORN.	80" AFF TO BOTTOM OR 6" BELOW CEILING UON.
	FOUR-WAY TOGGLE SWITCH.	48" AFF TO CENTERLINE UON.		FIRE ALARM SYSTEM STROBE.	80" AFF TO BOTTOM OR 6" BELOW CEILING UON.
	OCCUPANCY SENSOR SWITCH.	48" AFF TO CENTERLINE UON.		FIRE ALARM SYSTEM HORN/STROBE.	80" AFF TO BOTTOM OR 6" BELOW CEILING UON.
	VACANCY SENSOR SWITCH.	48" AFF TO CENTERLINE UON.		FIRE ALARM SYSTEM MINI-HORN.	80" AFF TO BOTTOM OR 6" BELOW CEILING UON.
	MOMENTARY CONTACT TOGGLE SWITCH.	48" AFF TO CENTERLINE UON.		FIRE ALARM SYSTEM BELL.	96" AFF TO TOP UON.
	KEY OPERATED TOGGLE SWITCH.	48" AFF TO CENTERLINE UON.		CONDUIT RUN UP OR DOWN AS NOTED.	
	TIMER SWITCH.	48" AFF TO CENTERLINE UON.		PHASE, NEUTRAL, EQUIPMENT GROUND, AND ISOLATED GROUND. ALL HOMERUNS SHALL BE 1/2" CONDUIT WITH 3 #12 UON.	
	DIMMER SWITCH. PROVIDE WATTAGE RATING INDICATED.	48" AFF TO CENTERLINE UON.		GROUND ROD.	AS NOTED.
	OCCUPANCY SENSOR SWITCH.	CEILING UON.		REFER TO KEYED NOTES.	
	VACANCY SENSOR SWITCH.	CEILING UON.		JUNCTION BOX OR OUTLET BOX.	AS NOTED.
	LIGHTING CONTROL POWER PACK.	ABOVE CEILING		CONDUIT CONCEALED IN WALL OR ABOVE CEILING.	SEE SPECIFICATIONS.
				CONDUIT CONCEALED IN SLAB OR UNDERGROUND.	SEE SPECIFICATIONS.
ABBREVIATIONS			ABBREVIATIONS		
AFF	ABOVE FINISHED FLOOR.		HID	HIGH INTENSITY DISCHARGE.	
AFG	ABOVE FINISHED GRADE.		HP	HORSEPOWER.	
ATS	AUTOMATIC TRANSFER SWITCH.		IG	ISOLATED GROUND.	
BFG	BELOW FINISH GRADE.		LSIG	LONG, SHORT, INSTANTANEOUS, GROUND FAULT.	
C	CONDUIT.		N	NEW.	
CLG	CEILING MOUNTED.		NEUT	NEUTRAL.	
D	DRYER OUTLET (NEMA 14-30R).		NF	NON-FUSED.	
DN	CONDUIT DOWN.		NL	NIGHT LIGHT.	
E	EXISTING.		NP	NAMEPLATE.	
EC	ELECTRICAL CONTRACTOR.		PNL	PANEL.	
EG	EQUIPMENT GROUND.		R	RANGE (NEMA 14-50R).	
EXP	EXPLOSION PROOF.		RE	RELOCATED.	
EWC	ELECTRIC WATER COOLER.		UON	UNLESS OTHERWISE NOTED.	
EWL	ELECTRIC WATER HEATER.		UP	CONDUIT UP.	
GEC	GROUNDING ELECTRODE CONDUCTOR.		WP	WEATHERPROOF.	
GFI	GROUND FAULT INTERRUPTER.		WPI	WEATHERPROOF WHILE-IN-USE COVER.	

LUMINAIRE SCHEDULE

MARK	LUMINAIRE WATTAGE	MANUF.	CATALOG NUMBER	DESCRIPTION	MOUNTING	LAMP	
						QTY.	TYPE
* E11	136	BEACON	TRV-D92NB-136/4K/73UNVWHT	TYPE II DISTRIBUTION LED WALLPACK WHITE COLOR	WALL MTD.		136W 4000K LED
E12	55	BEACON	TRV-D24NB-55/4K/73UNVWHT	TYPE II DISTRIBUTION LED WALLPACK WHITE COLOR	WALL MTD.		55W 4000K LED
* E13	80	BEACON	TRV-D92NB-80/4K/73UNVWHT	TYPE II DISTRIBUTION LED WALLPACK WHITE COLOR	WALL MTD.		80W 4000K LED
S1	55	BEACON	FIXTURE = VPS24L-55/4K/73UNVWHT/GEN-01HSS/VP-S90FBWHT SPOKE BRACKET = SB1122-38WHT POLE = 2" SQUARE TAPERED CONCRETE POLE WITH HANDHOLE 7'-6" ABOVE BASE OF POLE AND SALT ZONE TENON. CAT# US453TB-11688-K-SZT	(1) 55W 4000K TYPE IV DISTRIBUTION LED FIXTURE WITH HOUSE SIDE SHIELD TENON MOUNTED ON DIRECT BURIED CONCRETE POLE. FIXTURE, HOUSE SIDE SHIELD AND BRACKET COLOR TO BE WHITE TEXTURED.	POLE MOUNTED @ 15'-0" AFG. SEE CONCRETE POLE INSTALLATION DETAIL #1 ON SHEET P81.0.		55W 4000K LED
S2	136	BEACON	FIXTURE = VPS96L-136/4K/73UNVWHT/GEN-01 SPOKE BRACKET = SB1122-38WHT POLE = 2" SQUARE TAPERED CONCRETE POLE WITH HANDHOLE 7'-6" ABOVE BASE OF POLE AND SALT ZONE TENON. CAT# US453TB-11688-K-SZT	(1) 136W 4000K TYPE II DISTRIBUTION LED FIXTURE, TENON MOUNTED ON DIRECT BURIED CONCRETE POLE. FIXTURE AND BRACKET COLOR TO BE WHITE TEXTURED.	POLE MOUNTED @ 15'-0" AFG. SEE CONCRETE POLE INSTALLATION DETAIL #1 ON SHEET P81.0.		136W 4000K LED
S3	220	BEACON	FIXTURE = VPL96L-220/4K/73UNVWHT/GEN-01 SPOKE BRACKET = SB1122-38WHT POLE = 3" SQUARE TAPERED CONCRETE POLE WITH HANDHOLE 9'-6" ABOVE BASE OF POLE AND SALT ZONE TENON. CAT# US453TB-11688-K-SZT	(1) 136W 4000K TYPE II DISTRIBUTION LED FIXTURE, TENON MOUNTED ON DIRECT BURIED CONCRETE POLE. FIXTURE AND BRACKET COLOR TO BE WHITE TEXTURED.	POLE MOUNTED @ 25'-0" AFG. SEE CONCRETE POLE INSTALLATION DETAIL #1 ON SHEET P81.0.		220W 4000K LED
S3K	220	BEACON	FIXTURE = VPL96L-220/4K/73UNVWHT/GEN-01 SPOKE BRACKET = SB1122-38WHT POLE = 3" SQUARE TAPERED CONCRETE POLE WITH HANDHOLE 12'-0" ABOVE BASE OF POLE AND SALT ZONE TENON. CAT# US453TB-12095-K-SZT	(1) 136W 4000K TYPE II DISTRIBUTION LED FIXTURE, TENON MOUNTED ON DIRECT BURIED CONCRETE POLE. FIXTURE AND BRACKET COLOR TO BE WHITE TEXTURED. INSTALL KELLAMY 6'x6' SONOTUBE FORM AND REFLECTORS AROUND POLE BASE FOR ADDED PROTECTION AND VISIBILITY.	POLE MOUNTED @ 25'-0" AFG. SEE CONCRETE POLE INSTALLATION DETAIL #2 ON SHEET P81.0.		220W 4000K LED
S4	280	BEACON	FIXTURE = VPL96L-280/4K/73UNVWHT/GEN-01 SPOKE BRACKET = SB1122-38WHT POLE = 4" SQUARE TAPERED CONCRETE POLE WITH HANDHOLE 11'-6" ABOVE BASE OF POLE AND SALT ZONE TENON. CAT# US453TB-11688-K-SZT	(1) 280W 4000K TYPE II DISTRIBUTION LED FIXTURE, TENON MOUNTED ON DIRECT BURIED CONCRETE POLE. FIXTURE AND BRACKET COLOR TO BE WHITE TEXTURED.	POLE MOUNTED @ 35'-0" AFG. SEE CONCRETE POLE INSTALLATION DETAIL #1 ON SHEET P81.0.		280W 4000K LED
S5	560	BEACON	FIXTURE = (2)VPL96L-280/4K/73UNVWHT/GEN-01 SPOKE BRACKET = SB2122-38WHT POLE = 4" SQUARE TAPERED CONCRETE POLE WITH HANDHOLE 11'-6" ABOVE BASE OF POLE AND SALT ZONE TENON. CAT# US453TB-11688-K-SZT	(2) 280W 4000K TYPE V MEDIUM SQUARE DISTRIBUTION LED FIXTURE TENON MOUNTED ON DIRECT BURIED CONCRETE POLE. FIXTURE AND BRACKET COLOR TO BE WHITE TEXTURED. INSTALL KELLAMY 6'x6' SONOTUBE FORM AND REFLECTORS AROUND POLE BASE FOR ADDED PROTECTION AND VISIBILITY.	POLE MOUNTED @ 35'-0" AFG. SEE CONCRETE POLE INSTALLATION DETAIL #1 ON SHEET P81.0.		280W 4000K LED
S5K	560	BEACON	FIXTURE = (2)VPL96L-280/4K/73UNVWHT/GEN-01 SPOKE BRACKET = SB2122-38WHT POLE = 4" SQUARE TAPERED CONCRETE POLE WITH HANDHOLE 14'-0" ABOVE BASE OF POLE AND SALT ZONE TENON. CAT# US453TB-11688-K-SZT	(2) 280W 4000K TYPE II DISTRIBUTION LED FIXTURE TENON MOUNTED ON DIRECT BURIED CONCRETE POLE WITH MODIFIED HORIZONTAL BULLHORN BRACKET. FIXTURE AND BRACKET COLOR TO BE WHITE TEXTURED.	POLE MOUNTED @ 35'-0" AFG. SEE CONCRETE POLE INSTALLATION DETAIL #1 ON SHEET P81.0.		280W 4000K LED
S6	560	BEACON	FIXTURE = (2)VPL96L-280/4K/73UNVWHT/GEN-01 SPOKE BRACKET = SB2122-38WHT POLE = 4" SQUARE TAPERED CONCRETE POLE WITH HANDHOLE 11'-6" ABOVE BASE OF POLE AND SALT ZONE TENON. CAT# US453TB-11688-K-SZT	(2) 280W 4000K TYPE II DISTRIBUTION LED FIXTURE TENON MOUNTED ON DIRECT BURIED CONCRETE POLE WITH MODIFIED HORIZONTAL BULLHORN BRACKET. FIXTURE AND BRACKET COLOR TO BE WHITE TEXTURED.	POLE MOUNTED @ 35'-0" AFG. SEE CONCRETE POLE INSTALLATION DETAIL #1 ON SHEET P81.0.		280W 4000K LED
S7	560	BEACON	FIXTURE = (2)VPL96L-280/4K/73UNVWHT/GEN-01 SPOKE BRACKET = SB3-120/122-38WHT POLE = 4" SQUARE TAPERED CONCRETE POLE WITH HANDHOLE 14'-0" ABOVE BASE OF POLE AND SALT ZONE TENON. CAT# US453TB-11688-K-SZT	(2) 280W 4000K TYPE IV DISTRIBUTION LED FIXTURE TENON MOUNTED ON DIRECT BURIED CONCRETE POLE WITH MODIFIED HORIZONTAL BULLHORN BRACKET. FIXTURE AND BRACKET COLOR TO BE WHITE TEXTURED.	POLE MOUNTED @ 35'-0" AFG. SEE CONCRETE POLE INSTALLATION DETAIL #1 ON SHEET P81.0.		280W 4000K LED
S8K	840	BEACON	FIXTURE = (3)VPL96L-280/4K/73UNVWHT/GEN-01 SPOKE BRACKET = SB3-120/122-38WHT POLE = 4" SQUARE TAPERED CONCRETE POLE WITH HANDHOLE 14'-0" ABOVE BASE OF POLE AND SALT ZONE TENON. CAT# US453TB-11688-K-SZT	(3) 280W 4000K TYPE V MEDIUM DISTRIBUTION LED FIXTURE TENON MOUNTED ON DIRECT BURIED CONCRETE POLE. FIXTURE AND BRACKET COLOR TO BE WHITE TEXTURED. INSTALL KELLAMY 6'x6' SONOTUBE FORM AND REFLECTORS AROUND POLE BASE FOR ADDED PROTECTION AND VISIBILITY.	POLE MOUNTED @ 35'-0" AFG. SEE CONCRETE POLE INSTALLATION DETAIL #1 ON SHEET P81.0.		280W 4000K LED

\* INDICATES FIXTURES INSTALLED ON PUBLIK BUILDING PLANS. SHOWN FOR REFERENCE ONLY.

NOTES:  
1. ALL FIXTURES ARE PROVIDED BY CONTRACTOR UNLESS OTHERWISE NOTED.

APOLLO ENGINEERING, LLC  
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Phone: 888.956.5007 Fax: 813.651.5003  
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CLIENT:  
CRIBB PHILBECK WEAVER GROUP  
3918 N. HIGHLAND AVENUE  
TAMPA, FL 33609  
PHONE: (813) 967-6244

PROPOSED PROJECT FOR:  
PUBLIX STORE #1102  
TAYLOR CREEK COMMONS  
18511 N. US HIGHWAY 1  
FORT PIERCE, FL 34946

REVISIONS
1
2
3
4
5
6

SCALE:	NONE
DRAWN BY:	CM/DLCK
CHECKED BY:	HAS
ISSUE DATE:	07/30/08
PROJECT:	10082

SHEET TITLE & LUMINAIRE SCHEDULE

SHEET NUMBER

ES0.0



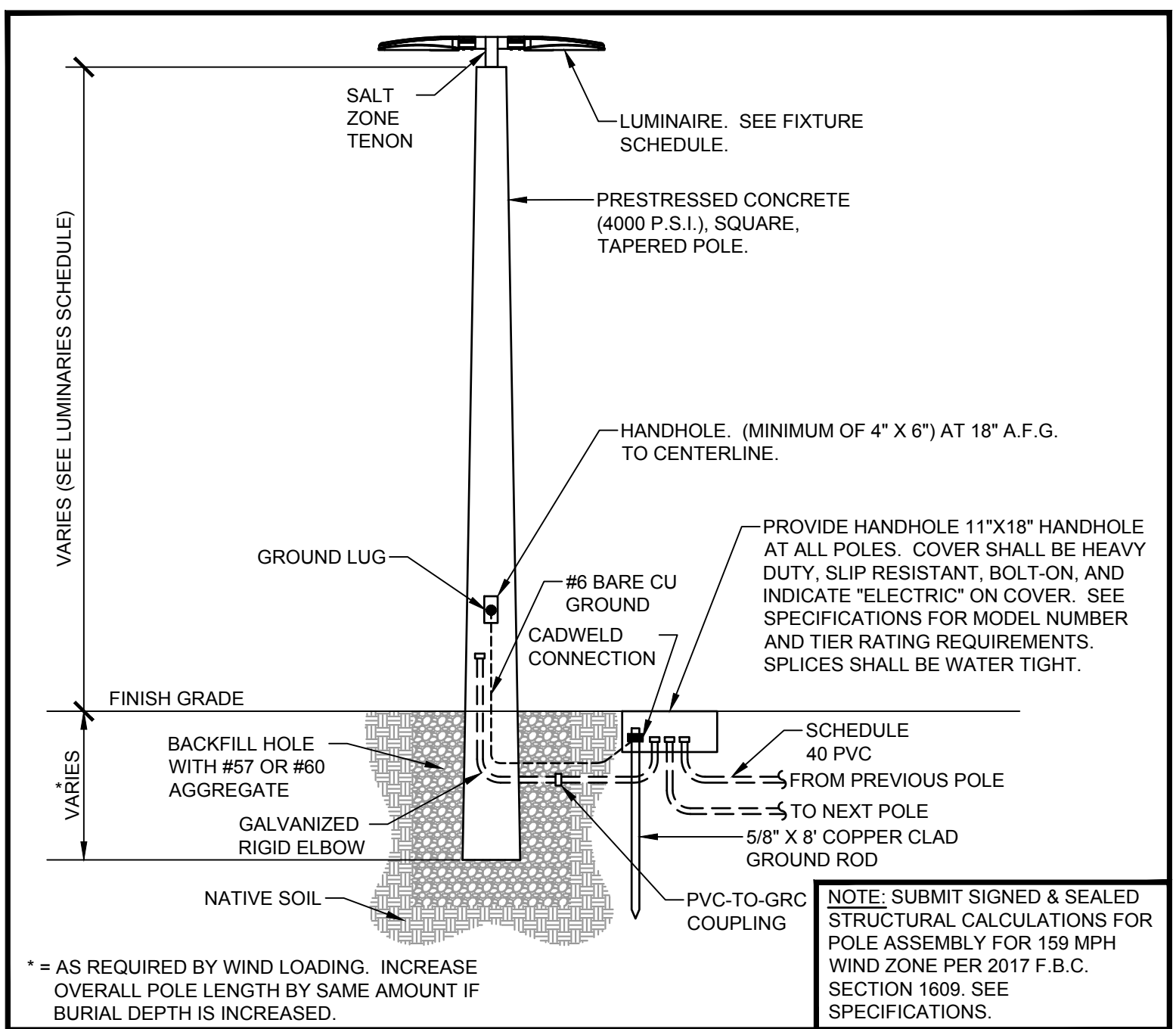
E11 & E13 FIXTURES ON PUBlix BUILDING ARE SHOWN FOR PHOTOMETRIC PURPOSES ONLY. FIXTURES ARE PROVIDED AND INSTALLED UNDER PUBlix BUILDING CONTRACT. (TYPICAL OF 6 FIXTURES)



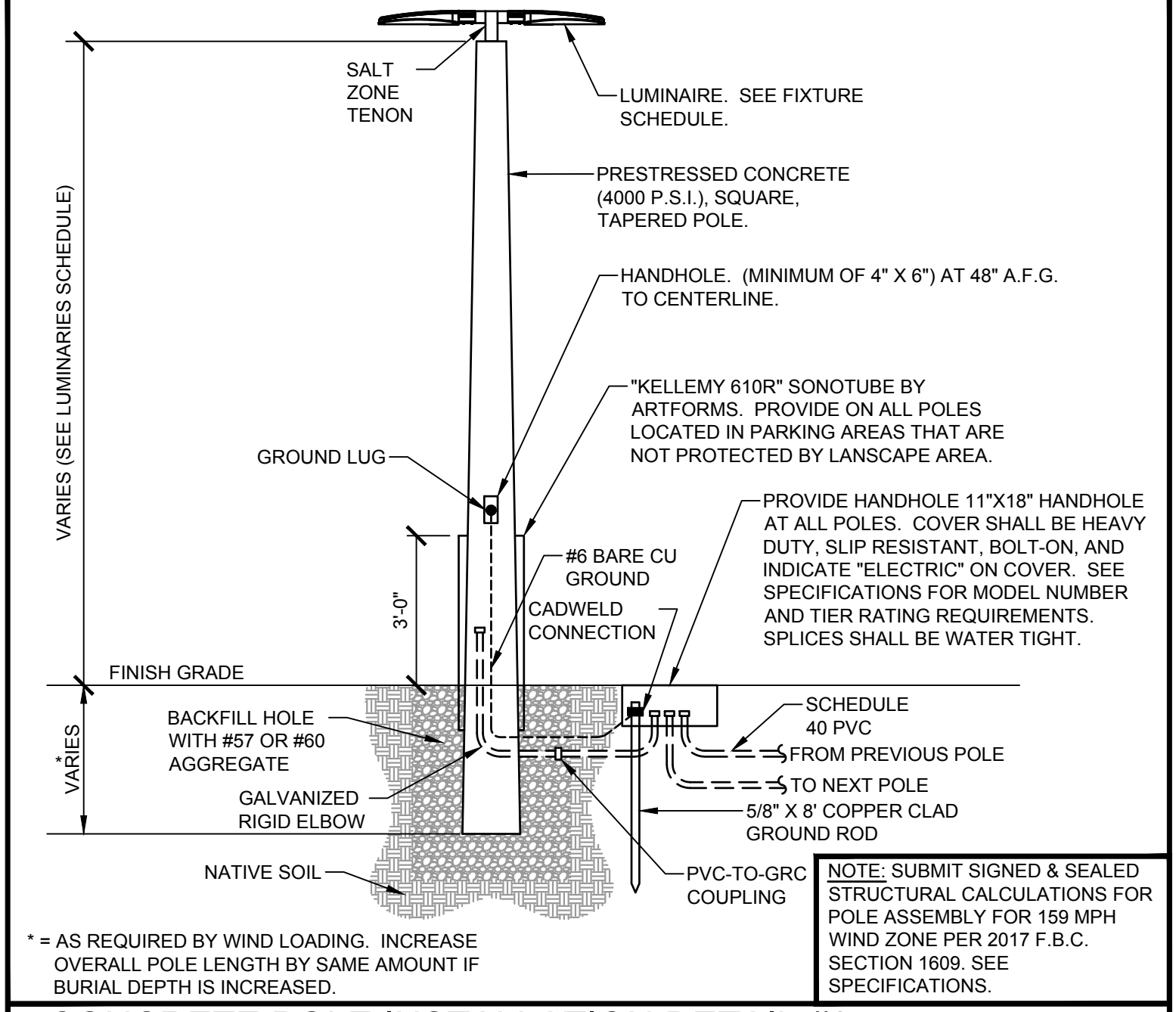
**PHOTOMETRIC SITE PLAN**  
SCALE: 1" = 40'-0"  
NORTH

Symbol	Label	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage
[Symbol]	E11	TRV-60NB-136-4K-T3	TRAVERSE	C-70-CRI DATA SHOWN IS SCALED FROM 15.01518	1	13889.84	0.9	137
[Symbol]	E12	TRV-24NB-55-4K-T3	TRAVERSE	C-70-CRI DATA SHOWN IS SCALED FROM 15.01518	1	5556	0.9	55.8
[Symbol]	E13	TRV-36NB-80-4K-T3	TRAVERSE	C-70-CRI DATA SHOWN IS SCALED FROM 15.01518	1	8334	0.9	83.8
[Symbol]	S1	VP-S-24L-55-4K7-4HSS-90-FB	Small Viper with Type IV Lens and 90° House-Side Shield		1	5874	0.9	56
[Symbol]	S2	VP-S-60L-136-4K7-T3	1783-17		1	12885	0.9	141.38
[Symbol]	S3	VPL-96L-220-4K7-3	LARGE VIPER	X-70-CRI DATA SHOWN IS ABSOLUTE	1	27220.37	0.9	217.6
[Symbol]	S3K	VPL-96L-220-4K7-3	LARGE VIPER	X-70-CRI DATA SHOWN IS ABSOLUTE	1	27220.37	0.9	217.6
[Symbol]	S4	VPL-96L-280-4K7-3	LARGE VIPER	X-70-CRI DATA SHOWN IS ABSOLUTE	1	32633	0.9	276.7
[Symbol]	S5	VPL-96L-280-4K7-50M	LARGE VIPER	X-70-CRI DATA SHOWN IS ABSOLUTE	1	32641	0.9	553.4
[Symbol]	S5K	VPL-96L-280-4K7-50M	LARGE VIPER	X-70-CRI DATA SHOWN IS ABSOLUTE	1	32641	0.9	553.4
[Symbol]	S6	VPL-96L-280-4K7-3	LARGE VIPER	X-70-CRI DATA SHOWN IS ABSOLUTE	1	32633	0.9	553.4
[Symbol]	S7	VPL-96L-280-4K7-4	LARGE VIPER	X-70-CRI DATA SHOWN IS ABSOLUTE	1	31891	0.9	553.4
[Symbol]	S8K	VPL-96L-280-4K7-50M	LARGE VIPER	X-70-CRI DATA SHOWN IS ABSOLUTE	1	32641	0.9	830.1

Description	Symbol	Max	Min	Max/Min	Avg/Min	Avg
Parking Lot	+	11.3 fc	3.0 fc	3.8:1	1.8:1	5.3 fc
Front Property Line	◇	0.5 fc	0.1 fc	5.0:1	1.0:1	0.1 fc
Residential Property Line	□	0.5 fc	0.0 fc	N/A	N/A	0.2 fc



**CONCRETE POLE INSTALLATION DETAIL #1**  
SCALE: NONE



**CONCRETE POLE INSTALLATION DETAIL #2**  
SCALE: NONE

**APOLLO ENGINEERING, LLC**  
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TAMPA, FL 33609  
PHONE: (813) 361-2644

**PUBLIX STORE #1102**  
TAYLOR CREEK COMMONS  
1851 N. US HIGHWAY 1  
FORT PIERCE, FL 34946

NO.	DATE	BY	REVISIONS
1			
2			
3			
4			
5			
6			

SCALE: 1" = 40'-0"  
DRAWN BY: CML/DCK  
CHECKED BY: HAS  
ISSUE DATE: 07/30/08  
PROJECT: 10082

**SHEET TITLE**  
PHOTOMETRIC SITE PLAN

**SHEET NUMBER**  
PS1.0

**TYPES: E11 THRU E13**

**TRAVERSE SERIES**  
SURFACE/CILING/GARAGE

Job: \_\_\_\_\_  
Type: \_\_\_\_\_  
Approvals: \_\_\_\_\_

**BEACON**

**PRODUCT IMAGE(S)**

**INTENDED USE:**  
The Traverse luminaire is a wall surface mounted luminaire with a fixed replaceable LED light engine & optical beam system. Internal components are totally enclosed in rain-tight and corrosion-resistant die cast aluminum housing. The TRV Luminaire is suitable for wet locations.

**CONSTRUCTION:**  
• Traverse luminaire consists of a die cast aluminum two-piece housing.  
• Die cast main (thermal) housing provides direct heat exchange between the LED light engine and the cool outdoor air by drawing heat through integral heat channels and out to the sculptured and functional luminaire surface.  
• LED drivers are thermally isolated from the main housing, mechanically attached and heat linked to the rear housing.  
• Main housing is designed with heat dissipating fins for LED thermal management without the use of metallic screens, cages, or fans.  
• Shape of the main housing is designed to prevent debris accumulation and a dirt nesting element. The back and main housings are designed to hinge open for easy mounting and easy access.

**LED/OPTICS:**  
• Optical one piece cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel.  
• Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system.  
• A two-piece die cut silicone and polycarbonate team gasket ensures a weather-proof seal around each individual LED and allows the Traverse luminaires to be rated for high pressure hose down applications.  
• Optical cartridge is secured to the extruded housing with fasteners and a heat pad to ensure thermal conductivity.  
• Optics are held in place without the use of adhesives and the complete assembly is gasketed for high pressure hose down cleaning.  
• Cartridge assembly is available in various lighting distributions using TIR designed acrylic optical lenses over each LED.

**ELECTRICAL:**  
• 100V through 277V, 50 Hz to 60 Hz (UNV), or 347V or 480V input.  
• Power factor is min 0.92 at full load.  
• All electrical components are rated to 50,000 hours at full load and 40°C ambient conditions per MIL-211F Method 2.  
• Optional 0 to 10 volt dimming drivers are available upon request.  
• Component to component wiring within the luminaire may carry no more than 60% of rated load and is listed by UL for use at 600VAC at 50°C or higher.  
• Plug disconnects are listed by UL for use at 600 VAC, 15A or higher. ISA rating applies to primary (AC) side only.

**CONTROL OPTIONS:**  
• Surge protection - 20KA; Shuts off at end of life.  
• Traverser is available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage down to a factory preset level, reducing light level accordingly. When motion is detected, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from the standard configurations.  
• Available with Energen for optional set dimming with simple delay, or timed dimming based on hours of operation or time of night (see Energen product page for more details [www.beaconproducts.com/products/energen/](http://www.beaconproducts.com/products/energen/)).  
• Also available with Beaconnect Wireless Control System (see Beaconnect product page for more details [www.beaconproducts.com/products/beaconnect/](http://www.beaconproducts.com/products/beaconnect/)).  
• Available with Energen for optional set dimming with simple delay, or timed dimming based on hours of operation or time of night (see Energen product page for more details [www.beaconproducts.com/products/energen/](http://www.beaconproducts.com/products/energen/)).  
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• Also available with Beaconnect Wireless Control System (see Beaconnect product page for more details [www.beaconproducts.com/products/beaconnect/](http://www.beaconproducts.com/products/beaconnect/)).

**INSTALLATION:**  
• Rear housing back plate is designed with various bolt patterns for direct wall mounting or mounting to a recessed 4" junction box.  
• Rear housing has three integral 3/4" NPT power feed locations (bottom and each side) for surface mounted consult applications.  
• After mounting the rear housing to the wall or junction box, the main housing is hung and hinge closed after connecting the male and female quick connect.  
• Mounting design permits a simple retrofit to existing wall luminaires that utilize surface mount or recessed junction boxes.

**FINISH:**  
• Beacote V polyester powder-coat electrostatically applied and thermocured.  
• Beacote V finish consists of a five stage iron phosphate chemical pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermal super TGC polyester powder coat finish.  
• The finish meets the AAMA 605.2 perform finish specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

**LISTINGS:**  
The luminaire shall bear a CSA label and be marked suitable for wet locations (standard).

**WARRANTY:**  
Five year limited warranty (for more information visit: <http://www.hubbellighting.com/resources/warranty/>).

**LED/OPTICS:**  
• Optical one piece cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel.  
• Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system.  
• A two-piece die cut silicone and polycarbonate team gasket ensures a weather-proof seal around each individual LED and allows the Traverse luminaires to be rated for high pressure hose down applications.  
• Optical cartridge is secured to the extruded housing with fasteners and a heat pad to ensure thermal conductivity.  
• Optics are held in place without the use of adhesives and the complete assembly is gasketed for high pressure hose down cleaning.  
• Cartridge assembly is available in various lighting distributions using TIR designed acrylic optical lenses over each LED.

**ELECTRICAL:**  
• 100V through 277V, 50 Hz to 60 Hz (UNV), or 347V or 480V input.  
• Power factor is min 0.92 at full load.  
• All electrical components are rated to 50,000 hours at full load and 40°C ambient conditions per MIL-211F Method 2.  
• Optional 0 to 10 volt dimming drivers are available upon request.  
• Component to component wiring within the luminaire may carry no more than 60% of rated load and is listed by UL for use at 600VAC at 50°C or higher.  
• Plug disconnects are listed by UL for use at 600 VAC, 15A or higher. ISA rating applies to primary (AC) side only.

**CONTROL OPTIONS:**  
• Surge protection - 20KA; Shuts off at end of life.  
• Traverser is available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage down to a factory preset level, reducing light level accordingly. When motion is detected, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from the standard configurations.  
• Available with Energen for optional set dimming with simple delay, or timed dimming based on hours of operation or time of night (see Energen product page for more details [www.beaconproducts.com/products/energen/](http://www.beaconproducts.com/products/energen/)).  
• Also available with Beaconnect Wireless Control System (see Beaconnect product page for more details [www.beaconproducts.com/products/beaconnect/](http://www.beaconproducts.com/products/beaconnect/)).  
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• Also available with Beaconnect Wireless Control System (see Beaconnect product page for more details [www.beaconproducts.com/products/beaconnect/](http://www.beaconproducts.com/products/beaconnect/)).

**INSTALLATION:**  
• Rear housing back plate is designed with various bolt patterns for direct wall mounting or mounting to a recessed 4" junction box.  
• Rear housing has three integral 3/4" NPT power feed locations (bottom and each side) for surface mounted consult applications.  
• After mounting the rear housing to the wall or junction box, the main housing is hung and hinge closed after connecting the male and female quick connect.  
• Mounting design permits a simple retrofit to existing wall luminaires that utilize surface mount or recessed junction boxes.

**FINISH:**  
• Beacote V polyester powder-coat electrostatically applied and thermocured.  
• Beacote V finish consists of a five stage iron phosphate chemical pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermal super TGC polyester powder coat finish.  
• The finish meets the AAMA 605.2 perform finish specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

**LISTINGS:**  
The luminaire shall bear a CSA label and be marked suitable for wet locations (standard).

**WARRANTY:**  
Five year limited warranty (for more information visit: <http://www.hubbellighting.com/resources/warranty/>).

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**TYPES: S1 & S2**

**VIPER S STRIKE**  
SMALL VIPER LUMINAIRE

Job: \_\_\_\_\_  
Type: \_\_\_\_\_  
Approvals: \_\_\_\_\_

**BEACON**

**ORDERING INFORMATION** ORDERING EXAMPLE: TRV-D/60NB-136/5K/TSR/UNV/GENXX/PEC/BBT

SERIES	ENGINE-WATTS	LED COLOR	OPTICS	CONTROL OPTIONS	FINISH
TRV-D	24W-27	27 Watts - LED array	3K 3000K	T2 Type II	BBT Basic black textured
TRV-U	24W-55	55 Watts - LED array	4K 4000K	T2 Type II	BMT Black Matte textured
TRV-L	24W-55	55 Watts - LED array	5K 5000K	T4 Type IV	WHT White textured
TRV-U	36W-80	80 Watts - LED array	TSR Type V, rectangular	TSR Type V, rectangular	BBT Basic black textured
TRV-L	40W-110	110 Watts - LED array	T5A Type V, rectangular	T5A Type V, rectangular	BMT Black Matte textured
TRV-L	60W-136	136 Watts - LED array	2X2 Narrow spot flood	2X2 Narrow spot flood	BBT Basic black textured
TRV-L	60W-136	136 Watts - LED array	3X3 Medium flood	3X3 Medium flood	BBT Basic black textured
TRV-L	347V	347V	400 480V		

**CONTROL OPTIONS:**  
• Available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage to a factory preset level, reducing light level accordingly. When motion is detected, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from the standard configurations.  
• Available with Energen for optional set dimming with simple delay, or timed dimming based on hours of operation or time of night (see Energen product page for more details [www.beaconproducts.com/products/energen/](http://www.beaconproducts.com/products/energen/)).  
• Also available with Beaconnect Wireless Control System (see Beaconnect product page for more details [www.beaconproducts.com/products/beaconnect/](http://www.beaconproducts.com/products/beaconnect/)).

**INSTALLATION:**  
• Rear housing back plate is designed with various bolt patterns for direct wall mounting or mounting to a recessed 4" junction box.  
• Rear housing has three integral 3/4" NPT power feed locations (bottom and each side) for surface mounted consult applications.  
• After mounting the rear housing to the wall or junction box, the main housing is hung and hinge closed after connecting the male and female quick connect.  
• Mounting design permits a simple retrofit to existing wall luminaires that utilize surface mount or recessed junction boxes.

**FINISH:**  
• Beacote V polyester powder-coat electrostatically applied and thermocured.  
• Beacote V finish consists of a five stage iron phosphate chemical pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermal super TGC polyester powder coat finish.  
• The finish meets the AAMA 605.2 perform finish specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

**LISTINGS:**  
The luminaire shall bear a CSA label and be marked suitable for wet locations (standard).

**WARRANTY:**  
Five year limited warranty (for more information visit: <http://www.hubbellighting.com/resources/warranty/>).

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**TYPES: S3 THRU S8K**

**VIPER L STRIKE**  
LARGE VIPER LUMINAIRE

Job: \_\_\_\_\_  
Type: \_\_\_\_\_  
Approvals: \_\_\_\_\_

**BEACON**

**ORDERING INFORMATION** ORDERING EXAMPLE: VPS-24L-55/4K/4W/UNV/A/DBT/7PR-TLGEN-04/BC

SERIES	LED ENGINE	CCT/CRV	ROTATION	VOLTAGE	COLOR	OPTIONS
VPS Viper	24L-55	55W LED array	3K7 3000K, 70 CR	UNV 120-277V	DBT Dark Bronze Textured	F Fusing
	36L-66	66W LED array	4K7 4000K, 70 CR	120 120V	BMT Black Matte Textured	BSP Bird Spikes
	36L-80	80W LED array	5K7 5000K, 70 CR	240 240V	PS Platinum Silver Smooth	BC Backlight control (limited to Type 4W only)
	48L-110	110W LED array		277 277V	WHT White Textured	
	60L-136	136W LED array		347 347V	CC Custom Color (RAL)	
	60L-136	136W LED array		480 480V		

**CONTROL OPTIONS:**  
• Available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage to a factory preset level, reducing light level accordingly. When motion is detected, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from the standard configurations.  
• Available with Energen for optional set dimming with simple delay, or timed dimming based on hours of operation or time of night (see Energen product page for more details [www.beaconproducts.com/products/energen/](http://www.beaconproducts.com/products/energen/)).  
• Also available with Beaconnect Wireless Control System (see Beaconnect product page for more details [www.beaconproducts.com/products/beaconnect/](http://www.beaconproducts.com/products/beaconnect/)).

**INSTALLATION:**  
• Luminaire accepts 100V through 277V, 50 Hz to 60 Hz (UNV), 347V, or 480V input.  
• Power factor is  $\geq 90$  at full load.  
• Dimming drivers are standard, but must contact factory to request wiring leads for purpose of external dimming controls.  
• Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher.  
• Plug disconnects are certified by UL for use at 600 VAC, 15A or higher. 13A rating applies to primary (AC) side only.  
• Fixture electrical compartment shall contain all LED driver components and shall be provided with a push-button terminal block for AC power connections.  
• Optional 7-pin ANSI C136.41-2013 twist-lock photo control receptacle available. Compatible with ANSI C136.41 external wireless control devices.  
• UL Listed™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the user. Thermal circuit is designed to "fall off", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

**FINISH:**  
• Beacote V polyester powder-coat electrostatically applied and thermocured. FS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermal super TGC polyester powder coat finish.  
• The finish meets the AAMA 605.2 perform finish specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

**LISTINGS:**  
The luminaire shall bear a CSA label and be marked suitable for wet locations (standard).

**WARRANTY:**  
Five year limited warranty (for more information visit: <http://www.hubbellighting.com/resources/warranty/>).

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**TYPES: S1 & S2**

**VIPER S STRIKE**  
SMALL VIPER LUMINAIRE

Job: \_\_\_\_\_  
Type: \_\_\_\_\_  
Approvals: \_\_\_\_\_

**BEACON**

**ORDERING INFORMATION** ORDERING EXAMPLE: VPS-24L-55/4K/4W/UNV/A/DBT/7PR-TLGEN-04/BC

SERIES	LED ENGINE	CCT/CRV	ROTATION	VOLTAGE	COLOR	OPTIONS
VPS Viper	24L-55	55W LED array	3K7 3000K, 70 CR	UNV 120-277V	DBT Dark Bronze Textured	F Fusing
	36L-66	66W LED array	4K7 4000K, 70 CR	120 120V	BMT Black Matte Textured	BSP Bird Spikes
	36L-80	80W LED array	5K7 5000K, 70 CR	240 240V	PS Platinum Silver Smooth	BC Backlight control (limited to Type 4W only)
	48L-110	110W LED array		277 277V	WHT White Textured	
	60L-136	136W LED array		347 347V	CC Custom Color (RAL)	
	60L-136	136W LED array		480 480V		

**CONTROL OPTIONS:**  
• Available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage to a factory preset level, reducing light level accordingly. When motion is detected, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from the standard configurations.  
• Available with Energen for optional set dimming with simple delay, or timed dimming based on hours of operation or time of night (see Energen product page for more details [www.beaconproducts.com/products/energen/](http://www.beaconproducts.com/products/energen/)).  
• Also available with Beaconnect Wireless Control System (see Beaconnect product page for more details [www.beaconproducts.com/products/beaconnect/](http://www.beaconproducts.com/products/beaconnect/)).

**INSTALLATION:**  
• Luminaire accepts 100V through 277V, 50 Hz to 60 Hz (UNV), 347V, or 480V input.  
• Power factor is  $\geq 90$  at full load.  
• Dimming drivers are standard, but must contact factory to request wiring leads for purpose of external dimming controls.  
• Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher.  
• Plug disconnects are certified by UL for use at 600 VAC, 15A or higher. 13A rating applies to primary (AC) side only.  
• Fixture electrical compartment shall contain all LED driver components and shall be provided with a push-button terminal block for AC power connections.  
• Optional 7-pin ANSI C136.41-2013 twist-lock photo control receptacle available. Compatible with ANSI C136.41 external wireless control devices.  
• UL Listed™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the user. Thermal circuit is designed to "fall off", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

**FINISH:**  
• Beacote V polyester powder-coat electrostatically applied and thermocured. FS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermal super TGC polyester powder coat finish.  
• The finish meets the AAMA 605.2 perform finish specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

**LISTINGS:**  
The luminaire shall bear a CSA label and be marked suitable for wet locations (standard).

**WARRANTY:**  
Five year limited warranty (for more information visit: <http://www.hubbellighting.com/resources/warranty/>).

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**TYPES: S3 THRU S8K**

**VIPER L STRIKE**  
LARGE VIPER LUMINAIRE

Job: \_\_\_\_\_  
Type: \_\_\_\_\_  
Approvals: \_\_\_\_\_

**BEACON**

**ORDERING INFORMATION** ORDERING EXAMPLE: VPS-24L-55/4K/4W/UNV/A/DBT/7PR-TLGEN-04/BC

SERIES	LED ENGINE	CCT/CRV	ROTATION	VOLTAGE	COLOR	OPTIONS
VPS Viper	24L-55	55W LED array	3K7 3000K, 70 CR	UNV 120-277V	DBT Dark Bronze Textured	F Fusing
	36L-66	66W LED array	4K7 4000K, 70 CR	120 120V	BMT Black Matte Textured	BSP Bird Spikes
	36L-80	80W LED array	5K7 5000K, 70 CR	240 240V	PS Platinum Silver Smooth	BC Backlight control (limited to Type 4W only)
	48L-110	110W LED array		277 277V	WHT White Textured	
	60L-136	136W LED array		347 347V	CC Custom Color (RAL)	
	60L-136	136W LED array		480 480V		

**CONTROL OPTIONS:**  
• Available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage to a factory preset level, reducing light level accordingly. When motion is detected, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from the standard configurations.  
• Available with Energen for optional set dimming with simple delay, or timed dimming based on hours of operation or time of night (see Energen product page for more details [www.beaconproducts.com/products/energen/](http://www.beaconproducts.com/products/energen/)).  
• Also available with Beaconnect Wireless Control System (see Beaconnect product page for more details [www.beaconproducts.com/products/beaconnect/](http://www.beaconproducts.com/products/beaconnect/)).

**INSTALLATION:**  
• Luminaire accepts 100V through 277V, 50 Hz to 60 Hz (UNV), 347V, or 480V input.  
• Power factor is  $\geq 90$  at full load.  
• Dimming drivers are standard, but must contact factory to request wiring leads for purpose of external dimming controls.  
• Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher.  
• Plug disconnects are certified by UL for use at 600 VAC, 15A or higher. 13A rating applies to primary (AC) side only.  
• Fixture electrical compartment shall contain all LED driver components and shall be provided with a push-button terminal block for AC power connections.  
• Optional 7-pin ANSI C136.41-2013 twist-lock photo control receptacle available. Compatible with ANSI C136.41 external wireless control devices.  
• UL Listed™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the user. Thermal circuit is designed to "fall off", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

**FINISH:**  
• Beacote V polyester powder-coat electrostatically applied and thermocured. FS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermal super TGC polyester powder coat finish.  
• The finish meets the AAMA 605.2 perform finish specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

**LISTINGS:**  
The luminaire shall bear a CSA label and be marked suitable for wet locations (standard).

**WARRANTY:**  
Five year limited warranty (for more information visit: <http://www.hubbellighting.com/resources/warranty/>).

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**TYPES: S1 & S2**

**VIPER S STRIKE**  
SMALL VIPER LUMINAIRE

Job: \_\_\_\_\_  
Type: \_\_\_\_\_  
Approvals: \_\_\_\_\_

**BEACON**

**ORDERING INFORMATION** ORDERING EXAMPLE: VPS-24L-55/4K/4W/UNV/A/DBT/7PR-TLGEN-04/BC

SERIES	LED ENGINE	CCT/CRV	ROTATION	VOLTAGE	COLOR	OPTIONS
VPS Viper	24L-55	55W LED array	3K7 3000K, 70 CR	UNV 120-277V	DBT Dark Bronze Textured	F Fusing
	36L-66	66W LED array	4K7 4000K, 70 CR	120 120V	BMT Black Matte Textured	BSP Bird Spikes
	36L-80	80W LED array	5K7 5000K, 70 CR	240 240V	PS Platinum Silver Smooth	BC Backlight control (limited to Type 4W only)
	48L-110	110W LED array		277 277V	WHT White Textured	
	60L-136	136W LED array		347 347V	CC Custom Color (RAL)	
	60L-136	136W LED array		480 480V		

**CONTROL OPTIONS:**  
• Available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage to a factory preset level, reducing light level accordingly. When motion is detected, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from the standard configurations.  
• Available with Energen for optional set dimming with simple delay, or timed dimming based on hours of operation or time of night (see Energen product page for more details [www.beaconproducts.com/products/energen/](http://www.beaconproducts.com/products/energen/)).  
• Also available with Beaconnect Wireless Control System (see Beaconnect product page for more details [www.beaconproducts.com/products/beaconnect/](http://www.beaconproducts.com/products/beaconnect/)).

**INSTALLATION:**  
• Luminaire accepts 100V through 277V, 50 Hz to 60 Hz (UNV), 347V, or 480V input.  
• Power factor is  $\geq 90$  at full load.  
• Dimming drivers are standard, but must contact factory to request wiring leads for purpose of external dimming controls.  
• Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher.  
• Plug disconnects are certified by UL for use at 600 VAC, 15A or higher. 13A rating applies to primary (AC) side only.  
• Fixture electrical compartment shall contain all LED driver components and shall be provided with a push-button terminal block for AC power connections.  
• Optional 7-pin ANSI C136.41-2013 twist-lock photo control receptacle available. Compatible with ANSI C136.41 external wireless control devices.  
• UL Listed™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the user. Thermal circuit is designed to "fall off", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

**FINISH:**  
• Beacote V polyester powder-coat electrostatically applied and thermocured. FS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermal super TGC polyester powder coat finish.  
• The finish meets the AAMA 605.2 perform finish specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

**LISTINGS:**  
The luminaire shall bear a CSA label and be marked suitable for wet locations (standard).

**WARRANTY:**  
Five year limited warranty (for more information visit: <http://www.hubbellighting.com/resources/warranty/>).

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**TYPES: S1 & S2**

**VIPER S STRIKE**  
SMALL VIPER LUMINAIRE

Job: \_\_\_\_\_  
Type: \_\_\_\_\_  
Approvals: \_\_\_\_\_

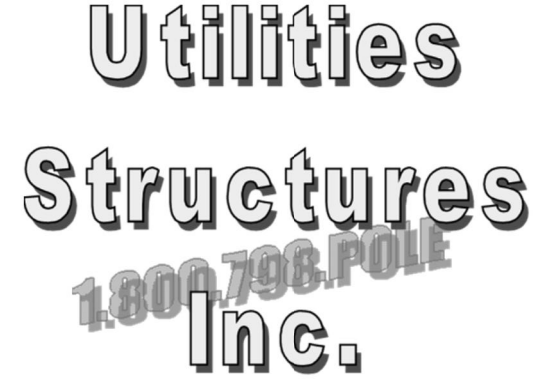
**BEACON**

**ORDERING INFORMATION** ORDERING EXAMPLE: VPS-24L-55/4K/4W/UNV/A/DBT/7PR-TLGEN-04/BC

SERIES	LED ENGINE	CCT/CRV	ROTATION	VOLTAGE	COLOR	OPTIONS
VPS Viper	24L-55	55W LED array	3K7 3000K, 70 CR	UNV 120-277V	DBT Dark Bronze Textured	F Fusing
	36L-66	66W LED array	4K7 4000K, 70 CR	120 120V	BMT Black Matte Textured	BSP Bird Spikes
	36L-80	80W LED array	5K7 5000K, 70 CR	240 240V	PS Platinum Silver Smooth	BC Backlight control (limited to Type 4W only)
	48L-110	110W LED array		277 277V	WHT White Textured	
	60L-136	136W LED array		347 347V	CC Custom Color (RAL)	
	60L-136	136W LED array		480 480V		

**CONTROL OPTIONS:**  
• Available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage to a factory preset level, reducing light level accordingly. When motion is detected, the luminaire returns to full watt

TYPES: S1 & S2



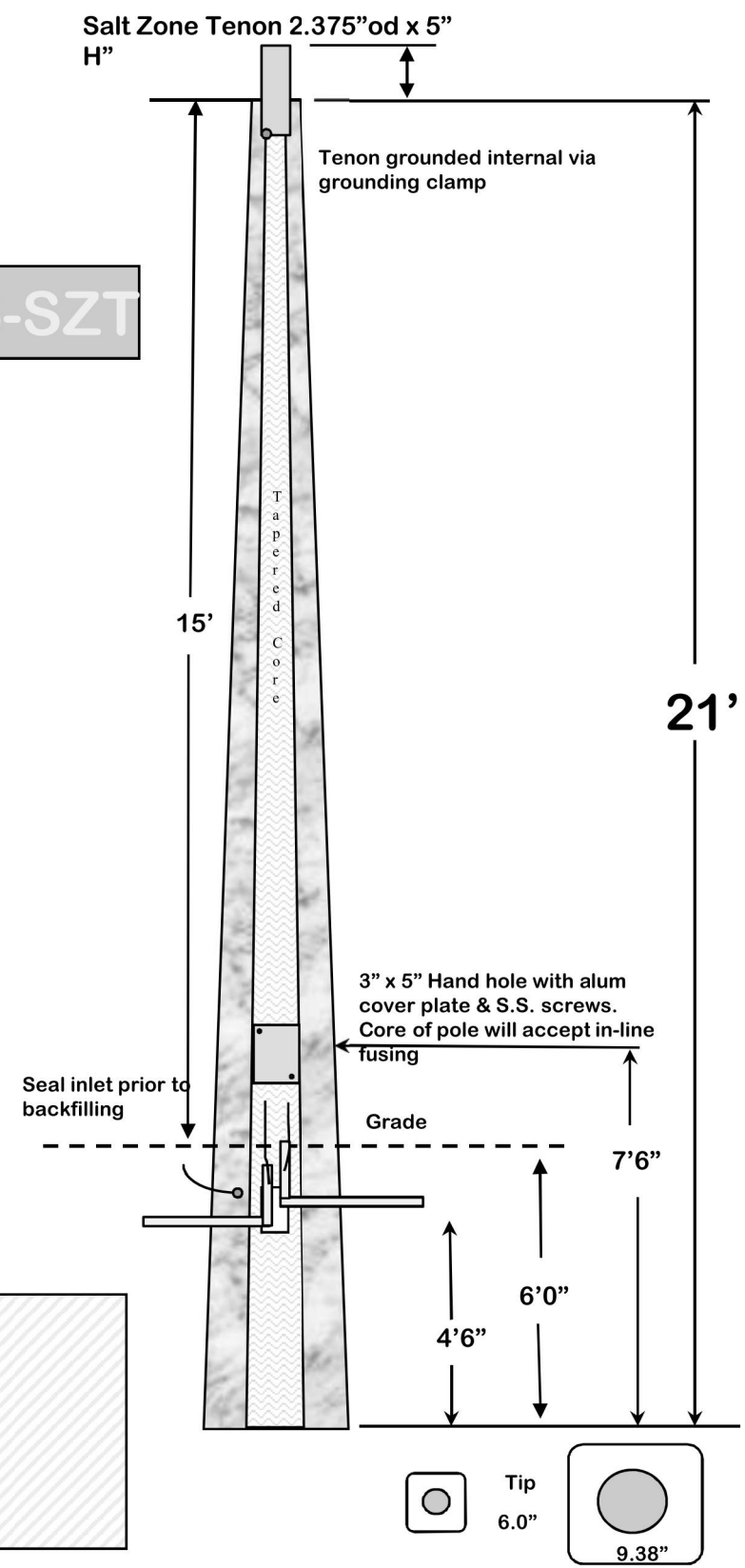
**Utilities Structures Inc.**  
1.800.798.POLE

**USI21TII-H-7646-SZT**

**Prestressed Concrete Pole**


- Pole Weight= 1,490lbs
- EPA capacity= 10.0
- Wind speed= 160 mph Vult
- Exposure "C"
- Risk Category II
- Gust Factor= 1.2
- 2017 FBC section 1609, 1819
- ASCE 7-10
- Min. Brk. Strength= 2600#
- Concrete= 6,500lbs @ 28 days
- Grd. Wires= #6 str. copper
- Strand= .500" @ 70% Ultimate
- Tenon= 2-3/8" OD "Salt Zone Tenon"
- Color= Natural Concrete

**SELECT STRUCTURAL, LLC.**  
**SHAWN R. ANDERSON P.E., S.E.**



PROJECT:

TYPE: S3



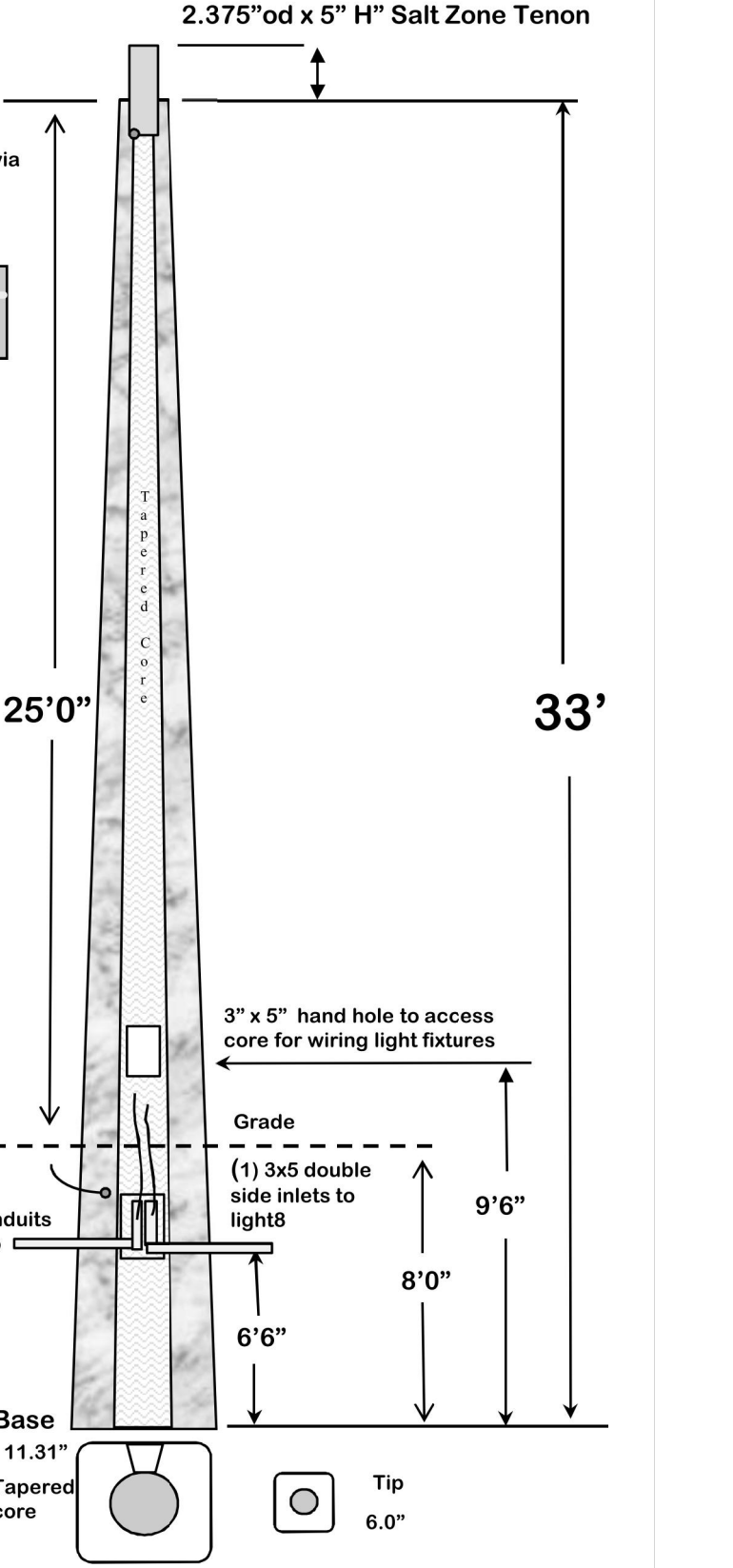
**Utilities Structures Inc.**  
1.800.798.POLE

**USI33TII-H-9666-SZT**

**Prestressed Concrete Pole**


- Pole Weight= 1,490lbs
- EPA capacity= 7.0
- Wind speed= 180mph Vult
- Exposure "D"
- Risk Category II
- Gust Factor= 1.2
- 2017 FBC 1620 HVHZ, 1819
- ASCE 7-10
- Min. Brk. Strength= 2600#
- Concrete= 6,500lbs @ 28 days
- Grd. Wire= #6 str. copper
- Strand= .500" @ 70% Ultimate
- Tenon= 2-3/8" OD
- Color= Natural Concrete

**SELECT STRUCTURAL, LLC.**  
**SHAWN R. ANDERSON P.E., S.E.**



PROJECT:

TYPE: S3K



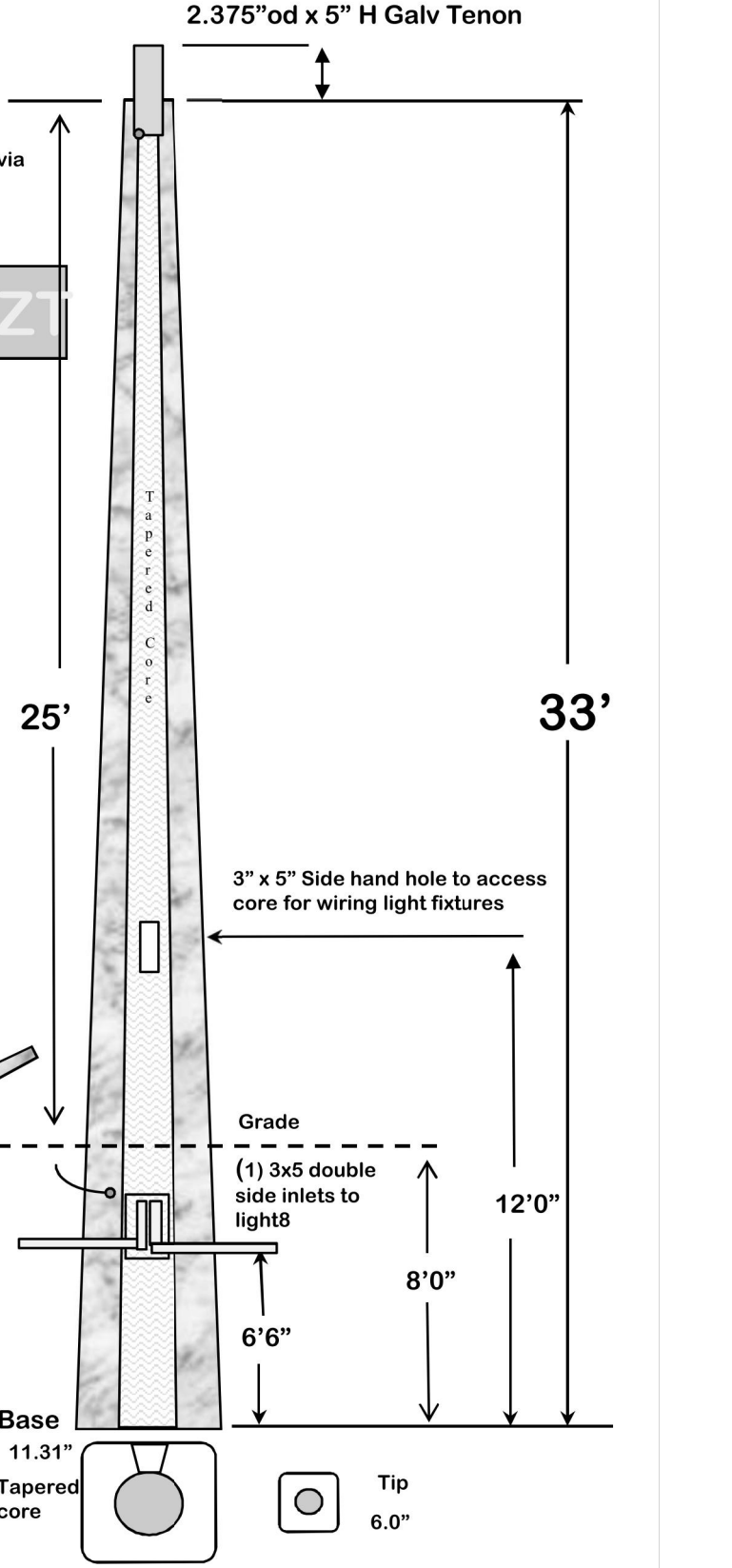
**Utilities Structures Inc.**  
1.800.798.POLE

**USI33TIIH-12066K-SZT**

**Prestressed Concrete Pole**


- Pole Weight= 1,490lbs
- EPA capacity= 9.0
- Wind speed= 160mph Vult
- Exposure "C"
- Risk Category II
- Gust Factor= 1.2
- 2014 FBC 1609, 1819
- ASCE 7-10
- Min. Brk. Strength= 2600#
- Concrete= 6,500lbs @ 28 days
- Grd. Wire= #6 str. copper
- Strand= .500" @ 70% Ultimate
- Tenon= 2-3/8" OD
- Color= Natural Concrete

**SELECT STRUCTURAL, LLC.**  
**SHAWN R. ANDERSON P.E., S.E.**



PROJECT:

TYPES: S4, S5, S6 & S7



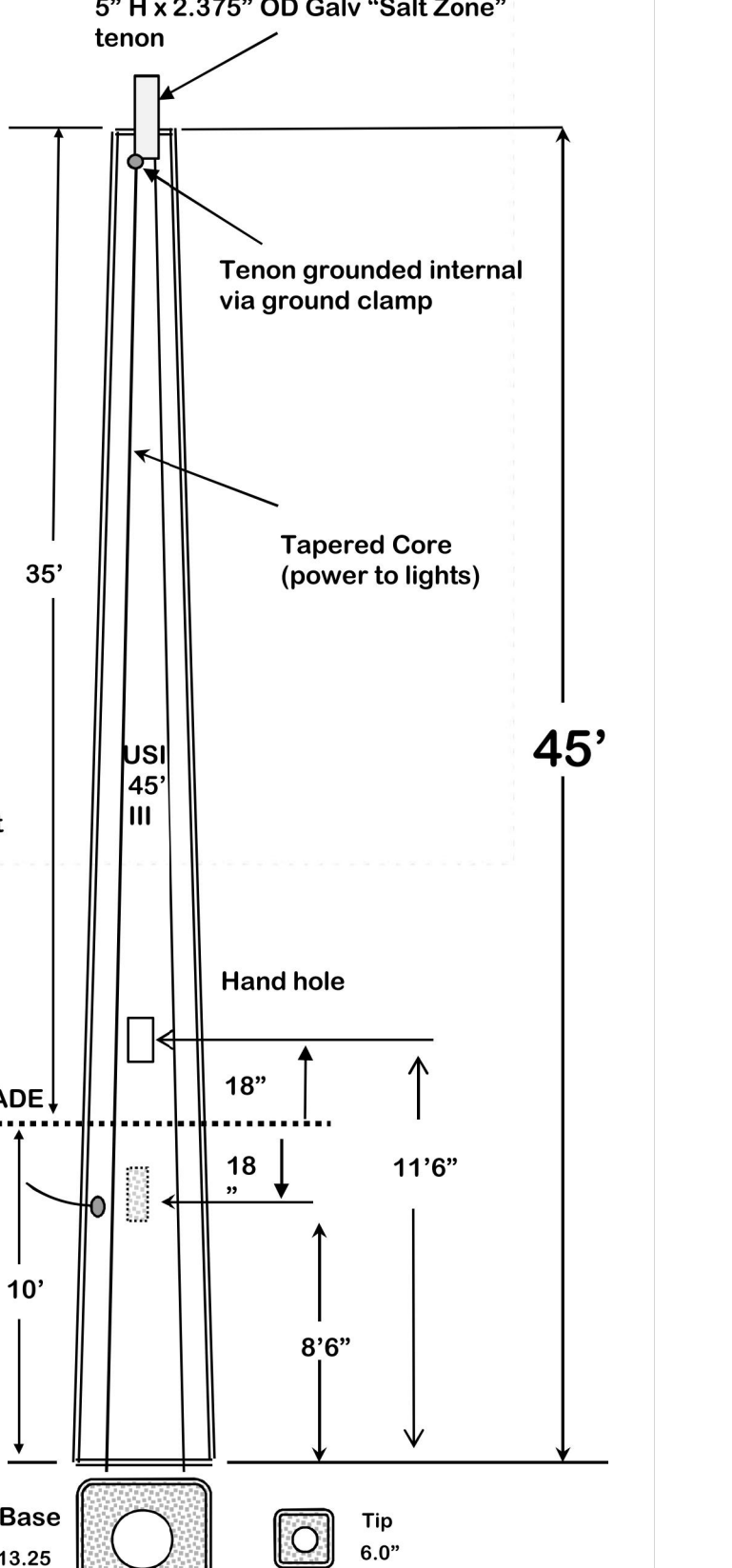
**Utilities Structures, Inc.**  
PO Box 9303 Ft Myers, Fl. 33901  
Ph. 1-800-798-7653 Fax. 1-941-332-7132  
"Your Prestressed Concrete Pole Producer"

**USI45TIII-11686-SZT**

**Prestressed Concrete Pole**


- Pole Weight= 4,320lbs
- EPA capacity of pole =
- Wind speed= 160mph Vult
- Exposure C
- Risk Category = II
- Wind gust = 3 seconds
- Gust Factor= 1.2
- 2014 FBC 1609 & 1819
- ASCE 7-10
- Min. Brk. Strength= 3,500#
- Concrete= 6,500lbs @ 28 days
- Grd. Wires= #6
- Strand= .500" @ 70% Ultimate + (4) .500" dormant
- Spiral wire = continuous basic .162
- Tenon= 2 3/8" OD x 5" Hgt.
- Color= Natural Concrete

**Select Structural, LLC.**  
**Shawn R. Anderson, P.E., S.E.**



Project:

TYPES: S5K & S8K



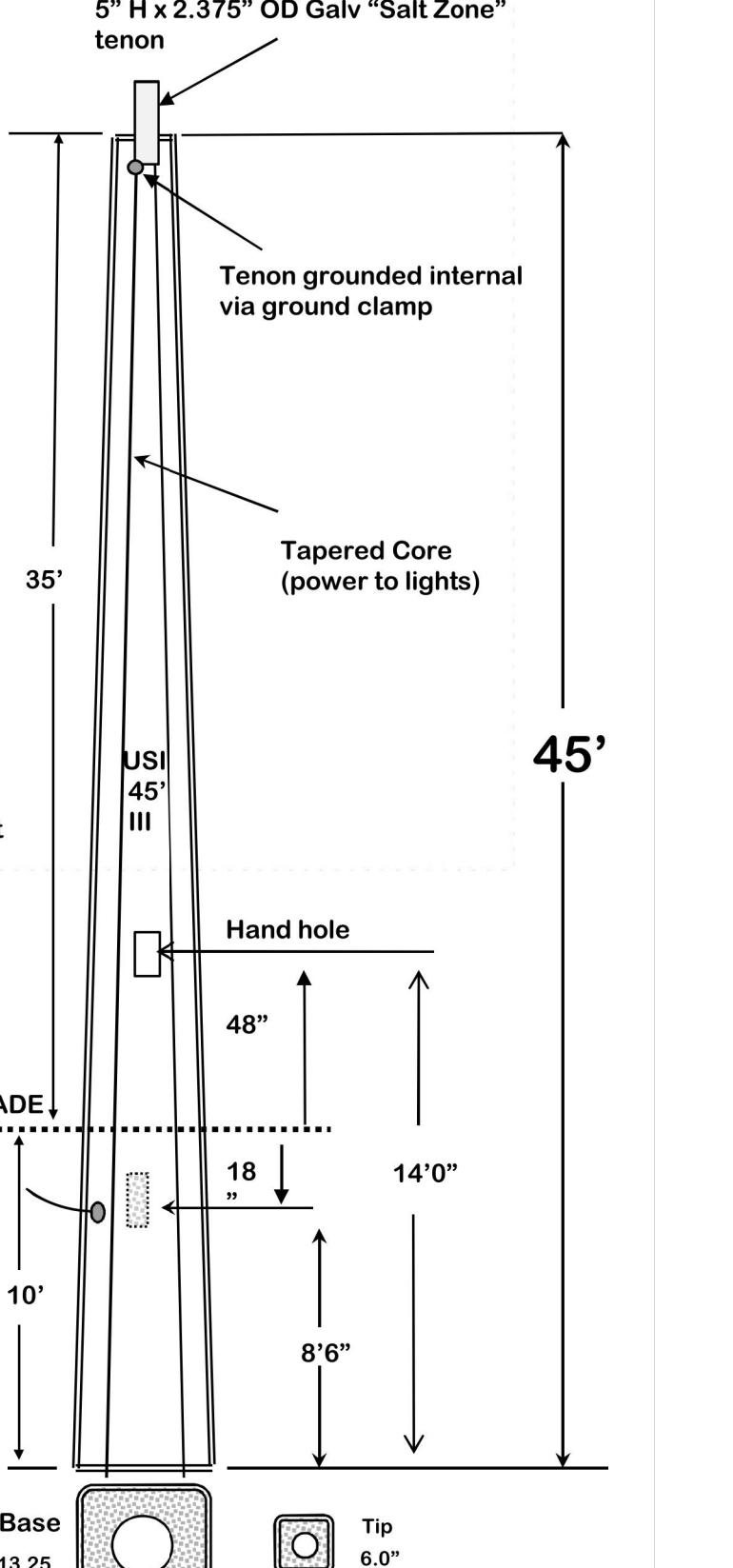
**Utilities Structures, Inc.**  
PO Box 9303 Ft Myers, Fl. 33901  
Ph. 1-800-798-7653 Fax. 1-941-332-7132  
"Your Prestressed Concrete Pole Producer"

**USI45TIII-14086-K-SZT**

**Prestressed Concrete Pole**

- Pole Weight= 4,320lbs
- EPA capacity of pole =
- Wind speed= 160mph Vult
- Exposure C
- Risk Category = II
- Wind gust = 3 seconds
- Gust Factor= 1.2
- 2014 FBC 1609 & 1819
- ASCE 7-10
- Min. Brk. Strength= 3,500#
- Concrete= 6,500lbs @ 28 days
- Grd. Wires= #6
- Strand= .500" @ 70% Ultimate + (4) .500" dormant
- Spiral wire = continuous basic .162
- Tenon= 2 3/8" OD x 5" Hgt.
- Color= Natural Concrete

**Select Structural, LLC.**  
**Shawn R. Anderson, P.E., S.E.**



Project:

APOLLO ENGINEERING, LLC  
CONSULTING ENGINEERS  
6344 U.S. Hwy 41 North, Suite 2008, Apollo Beach, FL 33522  
Phone: 813.963.5007 Fax: 813.963.5003  
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CLIENT: **CRIBB PHILBECK WEAVER GROUP**  
3918 N. HIGHLAND AVENUE  
TAMPA, FL 33609  
PHONE: (813) 361-2644

PROPOSED PROJECT FOR: **PUBLIX STORE #1102**  
TAYLOR CREEK COMMONS  
18511 US HIGHWAY 1  
FORT PIERCE, FL 34940

NO.	REVISIONS
1	
2	
3	
4	
5	
6	

SCALE:	NONE	DRAWN BY:	CMD/LCK	CHECKED BY:	HAS	ISSUE DATE:	07/30/09
PROJECT:	10082						

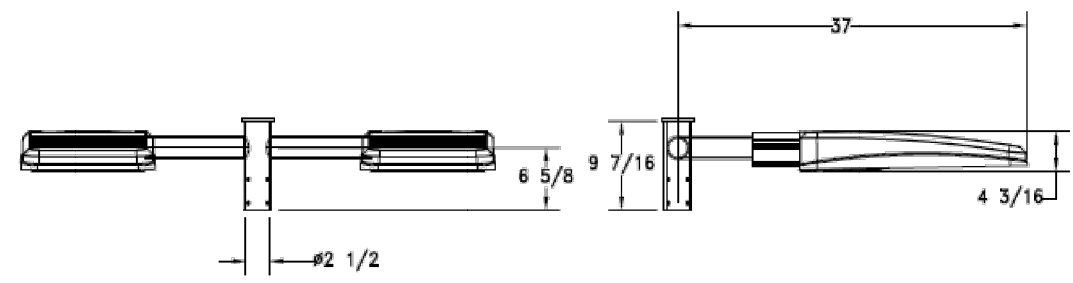
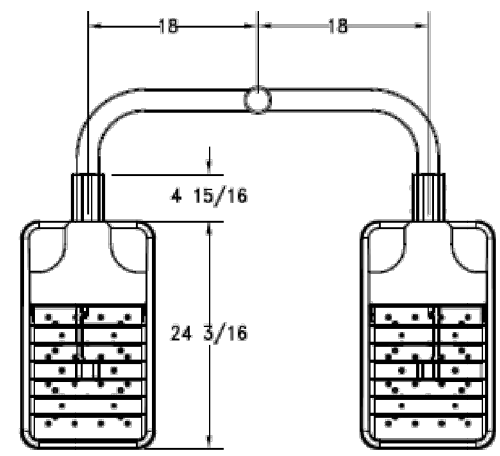
SHEET TITLE  
**POLE CUT SHEETS**

SHEET NUMBER  
**PS2.1**



TYPES: S6 & S7

BHB2/2-38/\*\*/MOD HORIZONTAL ARM



2041 58th AVENUE CIRCLE EAST, BRADENTON, FL 34203 • PHONE: (941) - 755 - 6694 • FAX: (941) - 751 - 5535

TYPE: QTY: 1  
**CATALOG # BHB2/2-38/\*\*/MOD HORIZONTAL**

ALL CAST ALUMINUM PARTS ARE COPPER FREE ALLOY A356  
 ALL EXTRUDED ALUMINUM PARTS ARE ALLOY 6061-T6  
 LENS: TYPE IV LED LENSES  
 LIGHT SOURCE: 98NB-280 LED ENGINE AND DRIVER COMBINATION  
 VOLTAGE: 120 THROUGH 277 VOLTS Hz: 60  
 ELECTRICAL OPTIONS: LSP(LIGHTNING SURGE PROTECTOR, INCLUDED AS STANDARD).

FIXTURE SHALL BE NRTL LISTED FOR WET LOCATION  
 FASTENERS: ALL FASTENERS ARE STAINLESS STEEL  
 TAMPER RESISTANT OPTIONAL, SPANNER AND (SHAKE EYE) SPECIAL TOOL REQUIRED, NOT PROVIDED)

FINISH: BEACOTE V  
 POWDER COAT ELECTROSTATICALLY APPLIED AND THERMOURED.  
 COLOR: BASIC BRONZE.

DRAWING NUMBER: SUBMIT\SUB-0008672 C.H. 09-11-13

APPROVED BY: S.M. S.B.

SALES ORDER NUMBER:  
 COMPANY NAME:  
 SPECIFIER NAME:  
 SIGNATURE: DATE:

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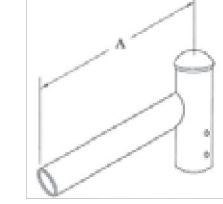
TYPES: S1 THRU S5K & S8K

rev. 10.12.2015  
**SPOKE**  
 Arms

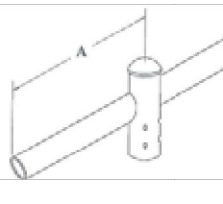
Type:  
 Project Name:  
 Notes:

Sample SB2 / 72 / 2-38 / BBT  
 Ordering A B C D

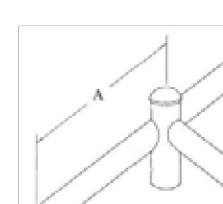
**SPOKE - ONE LIGHT**



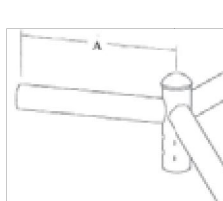
**SPOKE - TWO LIGHTS @ 180°**



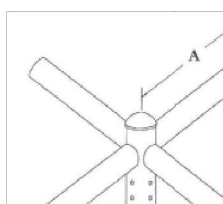
**SPOKE - THREE LIGHTS @ 90°**



**SPOKE - THREE LIGHTS @ 120°**



**SPOKE - FOUR LIGHTS @ 90°**



**A. MODEL**

- SB1 Spoke - one light
- SB2 Spoke - two lights @ 180°
- SB3-90 Spoke - three lights @ 90°
- SB3-120 Spoke - three lights @ 120°
- SB4 Spoke - four lights @ 90°

**B. ARM LENGTH**

- 8 8"
- 12 12"
- 15 15"
- 24 24"
- 30 30"
- 36 36"

**C. POLE TENON Ø**

- 2-36 Ø 2 3/8"
- 2-78 Ø 2 7/8"
- 4-00 Ø 4"

**D. COLOR**

- BBT basic black textured
- BBT black matte textured
- BBT white textured
- BBT metallic bronze textured
- BBT bronze textured
- BBT dark bronze textured
- BBT gray smooth
- BBT dark platinum smooth
- BBT green textured
- BBT metallic silver textured
- BBT metallic titanium textured
- BBT old world iron
- BBT

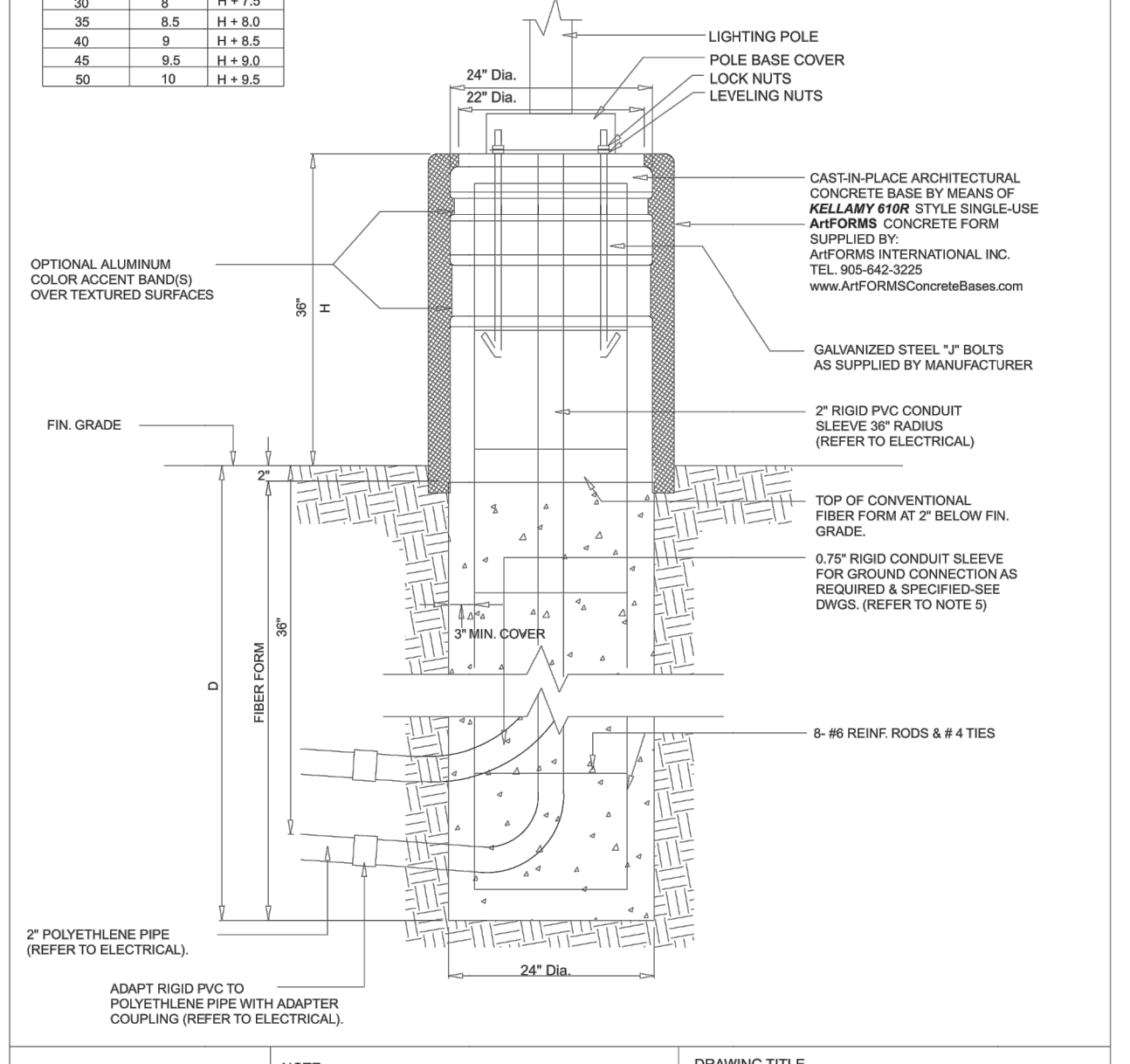
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TYPES: S3K, S5K & S8K

www.AirFORMSConcreteBases.com

NOTES:  
 1. ALL DIMENSIONS ARE IN NOMINAL FEET OR INCHES.  
 2. TOP OF FOUNDATION SHALL BE TROWELED SMOOTH & LEVEL.  
 3. CLASS OF CONCRETE SHALL BE 3000 P.S.I. CONCRETE SHALL BE VIBRATED.  
 4. MINIMUM OF TWO ELEVATIONS REQUIRED FOR EACH CONC. FOUNDATION UNLESS OTHERWISE SHOWN.  
 5. PROVIDE A 0.75" DIA. 10' STEEL COPPER COATED GROUND ROD ADJACENT TO POLES AS SPECIFIED ON PLAN AND CONNECT TO METAL POLE WITH BASE COPPER CONDUCTOR.  
 6. CONTRACTOR TO VERIFY OPENING SIZE IN POLE BASE PLATE PRIOR TO SETTING CONDUIT SLEEVES.  
 7. SUBJECT TO SOIL CONDITIONS, REFER TO SOIL REPORT.  
 8. FORM RELEASE AGENT HAS BEEN FACTORY APPLIED TO INSIDE SURFACE OF "W" FORM.



NOTE:  
 Where applicable, this detail drawing should be modified to meet local requirements.

DRAWING TITLE  
**LIGHTING POLE, FLAGPOLE, SIGN AND COLUMN BASE**

DATE JOB NO. SCALE DWG. NO.



PLOT @ 3/32"=1"

APOLLO ENGINEERING, LLC  
 CONSULTING ENGINEERS  
 6344 U.S. Hwy 41 North Suite 200S, Apollo Beach, FL 33522  
 Phone: 813.963.5007 Fax: 813.963.5005  
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CLIENT:  
**CRIBB PHILBECK WEAVER GROUP**  
 3918 N. HIGHLAND AVENUE  
 TAMPA, FL 33609  
 PHONE - (813) 361-2644

PROPOSED PROJECT FOR:  
**PUBLIX STORE #1102**  
 TAYLOR CREEK COMMONS  
 1851 N. US HIGHWAY 1  
 FORT PIERCE, FL 34946

NO.	REVISIONS
1	
2	
3	
4	
5	
6	

SCALE: NONE  
 DRAWN BY: CMD/LCK  
 CHECKED BY: HAS  
 ISSUE DATE: 07.30.09  
 PROJECT: 10082

SHEET TITLE  
**SITE CUT SHEETS**

SHEET NUMBER  
**PS2.2**

JOANNE HOLMAN, CLERK OF THE CIRCUIT COURT - SAINT LUCIE COUNTY  
File Number: 2414009 OR BOOK 1982 PAGE 953  
Recorded: 06/02/04 12:03

\* Doc Assump: \$ 0.00  
\* Doc Tax : \$ 39,900.00  
\* Int Tax : \$ 0.00

THIS INSTRUMENT PREPARED BY/  
RECORD AND RETURN TO:

*SW*  
Geoffrey S. Mombach, Esq.  
Mombach, Boyle & Hardin, P.A.  
500 East Broward Boulevard, Suite 1950  
Fort Lauderdale, Florida 33394

Property Appraiser's Parcel  
Identification No. 1433-440-0005-000/0

### WARRANTY DEED

**THIS INDENTURE**, made this 19 day of May, 2004, between TAYLOR CREEK COMMONS, L.L.C., a Delaware limited liability company ("Grantor") whose address is: 5801 Congress Avenue, Boca Raton, Florida 33487 and TAYLOR CREEK, LLC, a Florida limited liability company ("Grantee") whose address is: 8000 SW 87<sup>th</sup> Avenue, Miami, Florida 33143.

**WITNESSETH:** That said Grantor, for and in consideration of the sum of Ten and 00/100 Dollars (\$10.00) and other good and valuable consideration to said Grantor in hand paid by said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee, and Grantee's heirs and assigns forever, the following described land, situate, lying and being in St. Lucie County, Florida, attached hereto and made a part hereof as Exhibit "A":

SUBJECT TO: Comprehensive land use plans, zoning, restrictions, prohibitions and other requirements imposed by governmental authority; restrictions and matters appearing on the plat or otherwise common to the subdivision; public utility easements of record; and taxes for the year 2004 and subsequent years.

and said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

### Property Identification

Site Address: 1889 N US HIGHWAY 1  
Parcel ID: 1433-440-0005-000-0  
Account #: 11539  
Map ID: 14/33S  
Use Type: 1600  
Zoning: C3  
City/County: Fort Pierce

### Ownership

Real Sub LLC  
PO Box 32018  
Lakeland, FL 33802

### Legal Description

33 34 40/3 35 40/4 35 40 COM SE COR SEC 33-34-40 RUN S 89 11 58 W 97.22 FT TO W R/W US #1 (BEING 200 FT WIDE) AND POB, TH S 28 05 56 E 108.93 FT, TH S 61 54 04 W 307.31 FT TO A CURVE CONCAVE SELY, R OF 30 FT, TH ALG ARC 34.86 FT TO A CURVE CONCAVE SELY, R OF 60 FT, TH ALG ARC 134.47 FT, TH S 88 52 59 W 256.75 FT TO ELY R/W CANAL C-25 AND CURVE CONCAVE SWLY, R OF 830 FT, TH NWLY ALG CANAL E R/W LI 188.08 FT, TH N 49 04 02 W 261 FT, TH N 20 50 01 W 39.12 FT TO S LI SECT 33, TH CONT NWLY 31.57 FT, TH N 40 55 58 E 261.60 FT, TH ALG ARC 147.54 FT, TH N 07 20 00 E 184.22 FT TO CURVE CONCAVE NELY, R OF 60 FT, TH ALG ARC 5307 FT, TH S 07 20 00 W 129.25 FT TO CURVE CONCAVE NELY, R OF 25 FT, TH ALG ARC 33.44 FT TO A CURVE CONCAVE NELY, R OF 112.50 FT, TH ALG ARC 57.28 FT, TH S 40 07 28 E 107.68 FT TO A CURVE CONCAVE NLY, R OF 25 FT, TH ALG ARC 39.27 FT, TH N 49 52 32 E 77.63 FT TO A CURVE CONCAVE SELY, R OF 143.96 FT, TH ALG ARC 44.83 FT, TH N 28 05 56 W 15.66 FT, TH N 89 07 15 E 205 FT, TH S 28 05 56 E 49.48 FT, TH S 89 DEG 07 MIN 15 SEC W 167.94 FT TO A CURVE CONCAVE SELY, R OF 103.96 FT, TH ALG ARC 12.91 FT TO CURVE CONCAVE SELY, R OF 25 FT, TH ALG ARC 35.39 FT, TH S 28 05 56 E 167.91 FT TO A CURVE CONCAVE NELY, R OF 25 FT, TH ALG ARC 27.39 FT, TH N 89 07 15 E 189.75 FT, TH S 28 05 56 E 116.19 FT TO POB (9.82 AC) (OR 4110-1176)



### Total Areas

Finished/Under Air (SF):	54,890
Gross Area (SF):	60,233
Land Size (acres):	9.82
Land Size (SF):	427,759

### Current Values

Just/Market Value: \$3,883,500  
Assessed Value: \$3,883,500  
Exemptions: \$0  
Taxable Value: \$3,883,500

Taxes for this parcel: SLC Tax Collector's Office

Download TRIM for this parcel: [Download PDF](#)



# CAPACITY ANALYSIS

## I. Site Data:

	Existing Use	Future Land Use	Zoning
<b>North</b>	Commercial	GC	C-2
<b>South</b>	Residential	GC	C-2
<b>East</b>	FDOT Right of Way (US1)		
<b>West</b>	Taylor Creek		

	Future Land Use	Zoning Classification	Maximum Intensity Residential: Dwelling Units per Acre Other: Square Footage	Total Acreage	Flood Zone
<b>Current</b>	GC	C-2	54,890	9.47	X
<b>**Proposed</b>	GC	C-2	64,239	9.47	N/A

## II. Public Facilities Information:

<b>A. Potable Water:</b>	
Average Use	Residential: 100 gallons per day per person (du x 2.6= persons x 100 gpd = demand) Other: 0.125 gallons per day per square foot
Demand Analysis	Maximum
Current Zoning/FLU	Total gallons per day 6,861.3
**Proposed Zoning/FLU	Total gallons per day <b>8029.9</b>
**Change in Demand	Total gallons per day 1168.6

<b>B. Wastewater:</b>	
Average Use	Residential: 100 gallons per day per person (du x 2.6= persons x 100 gpd = demand) Other: 0.1 gallons per day per square foot
Demand Analysis	Maximum
Current Zoning/FLU	Total gallons per day <sup>5489</sup>
**Proposed Zoning/FLU	Total gallons per day <sup>6423.9</sup>
**Change in Demand	Total gallons per day <sup>934.9</sup>

<b>C. Parks and Recreation (Residential Classifications Only):</b> (Du x 2.6 = persons + 44,227 = population /LOS)				
Park Type	LOS	Existing Population Park Demand	Proposed Population Park Demand	Change in Demand
Regional	20 acres per 1,000 people			
Urban District	5 acres per 1,000 people			
Community	2.5 acres per 1,000 people			
Neighborhood	1.36 acres per 1,000 people			

<b>D. Public Schools (Residential Classifications Only):</b> Single Family: (du x 0.405 = students/70% K-8/30% High) Multi-family: (du x 0.207 = students/70% K-8/30% High)		
	<b>K-8</b>	<b>High</b>
School Name		
City		
Distance		
Current Zoning/FLU	Enrollment	
**Proposed Zoning/FLU	Enrollment	
**Change in Demand		

<b>E. Solid Waste: Residential</b> (2 yard serves 15 units, 4 yard serves 30 units, 6 yard serves 45 units, 8 yard serves 60 units)	
Demand Analysis	Maximum
Current Zoning/FLU	
**Proposed Zoning/FLU	
*Change in Demand	

**F. Stormwater:**  
Potential increase in volume discharged due to increased impervious coverage, reduced groundwater seepage or loss of surface water storage impacting Adopted LOS of 25-year 3-day storm Pre vs. Post Runoff (Storm sewers to convey 5 year- 1 day storm event; Canals to convey 3 year – 1 day storm event)

<b>Impact</b>	The existing stormwater pond was originally designed and permitted for 322,780 sf impervious area. There was a 9900 sf addition shown on the South side of the Publix building that was never constructed. The proposed development will have 318,560 sf impervious which is 4220 less than originally designed.
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**III. Transportation Analysis: Complete ITE Trip Generation Form (Attached)**

<b>G. Transportation Analysis: Complete ITE Trip Generation Data Form</b>		
Most recent ITE Code for use; HCM Roadway Capacity		
	AADT	AM/PM Peak Hour Trips
<b>Demand Analysis</b>	Maximum	Maximum
<b>Current Zoning/FLU</b>	4261	472 PM
<b>**Proposed Zoning/FLU</b>	<b>5488</b>	<b>622 PM</b>
<b>*Change in Demand</b>	Trips 1227	Trips 150 PM Peak Hour
<b>Impact to Capacity</b>	Minimal	

**IV. Project Description**

<b>PHASING</b>
Is this project (phase) part of a larger project? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, enumerate each phase, the number of units or square footage in each phase and beginning/completion date.
Total Project: Residential Units:                      Single Family:                      Multifamily:
Non-residential (square footage): 64,239
Mixed-use (describe use):
(If this is a single phase project, name it Phase I – Total)

<b>RESIDENTIAL DATA</b>					
Type	Phase	Number of Units	Acres	Expected beginning date	Expected completion date
Single-family, detached					
Single-family, attached					
Multi-family					
Other (specify)					

NON-RESIDENTIAL DATA					
Type(s) specify	Phase	Square footage	Acres	Expecting beginning date	Expected completion date
Super Market	1	46,013	9.47	October 2018	December 2019

A. Indicate whether the proposed project will be eliminating any existing recreational facilities. If yes, detail the number and type being eliminated.  Yes  No

- B. 1. Does this application involve demolition or re-use of any structure(s)?  Yes  No  
 If yes, what is the size of the structure(s) to be demolished or re-used? See attached Traffic Impact Statement
2. What is the current use of the structure to be demolished or re-used? Shopping Center & Retail
3. Are you claiming trip credits for the demolition or re-use of a structure(s) at the site?  Yes  No  
 If yes, provide estimates of credits for each previous use at the site. (Attach sheet with calculations)

C. Exemptions Requested: Request to exempt 32,104 sf super market being demolished.

\*\* Complete section if requesting a change in zoning, future land use, or expanding



July 31, 2018

City of Fort Pierce  
Planning Department  
100 North US 1  
Fort Pierce, FL 34950

RE: Publix Super Market  
Taylor Creek Commons

Attn: Brandon Creagan

### Traffic Impact Statement

The retail center at Taylor Creek Commons is currently a 22,786 sf shopping center plus a 32,104 sf Super Market. The proposed development will demolish 3,360 sf of the retail center and not reconstruct. In addition, 1200 sf of leasable retail space will be demolished for the new super market. The resulting leasable shopping center space will be 18,226 sf. A new 46,013 sf super market will also be constructed.

#### Existing Daily Trips

Use	Area (sf)	ITE Code #	Avg. Rate (per 1000 sf)	No. of Trips
Shopping Center	22,786	820	42.94	979
Super Market	32,104	855	102.24	3,283
<b>Total</b>	<b>54,890</b>			<b>4,261</b>

#### Proposed Daily Trips

Use	Area (sf)	ITE Code #	Avg. Rate (per 1000 sf)	No. of Trips
Shopping Center	18,226	820	42.94	783
Super Market	46,013	855	102.24	4705
<b>Total</b>	<b>64,239</b>			<b>5,488</b>

#### Existing PM Peak Hour Trips

Use	Area (sf)	ITE Code #	Avg. Rate (per 1000 sf)	No. of Trips
Shopping Center	22,786	820	3.75	86
Super Market	32,104	855	12.02	386
<b>Total</b>	<b>54,890</b>			<b>472</b>

#### Proposed PM Peak Hour Trips

Use	Area (sf)	ITE Code #	Avg. Rate (per 1000 sf)	No. of Trips
Shopping Center	18,226	820	3.75	69
Super Market	46,013	855	12.02	553
<b>Total</b>	<b>64,239</b>			<b>622</b>

Environmental

Landscape  
Architecture

Parks & Trails

Pavement  
Management

Planning

Stormwater

Transportation

Utilities

Water Resources

3918 N. Highland Ave  
Tampa, FL 33603

P: 813-361-2644  
F: 813-223-2469

The proposed development will be an increase of 1,227 trips per day and an increase of 150 P.M. Peak hour trips per day.

Should you need any additional information please contact me at your earliest convenience.

Respectfully,

Jason Kendall