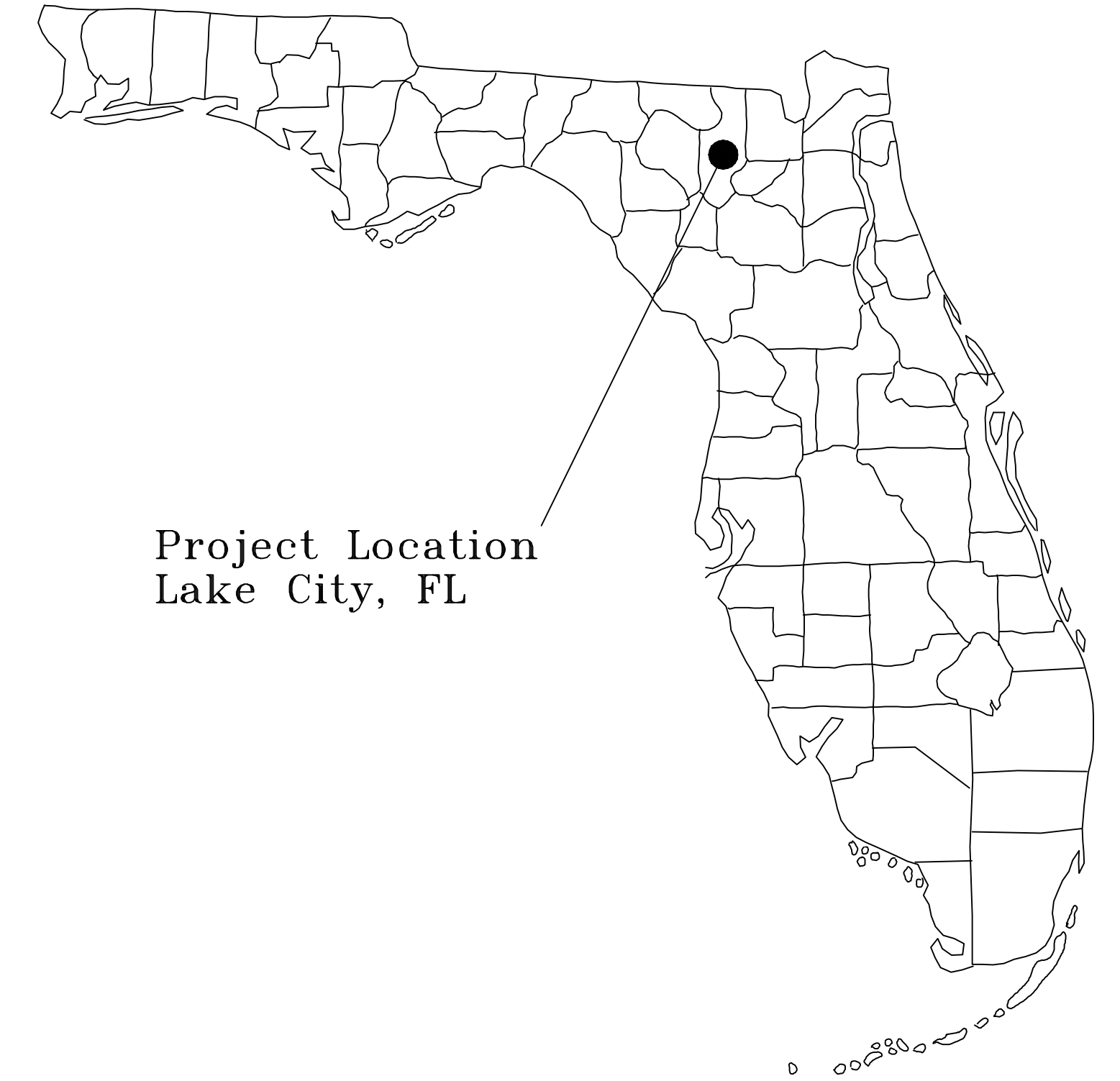


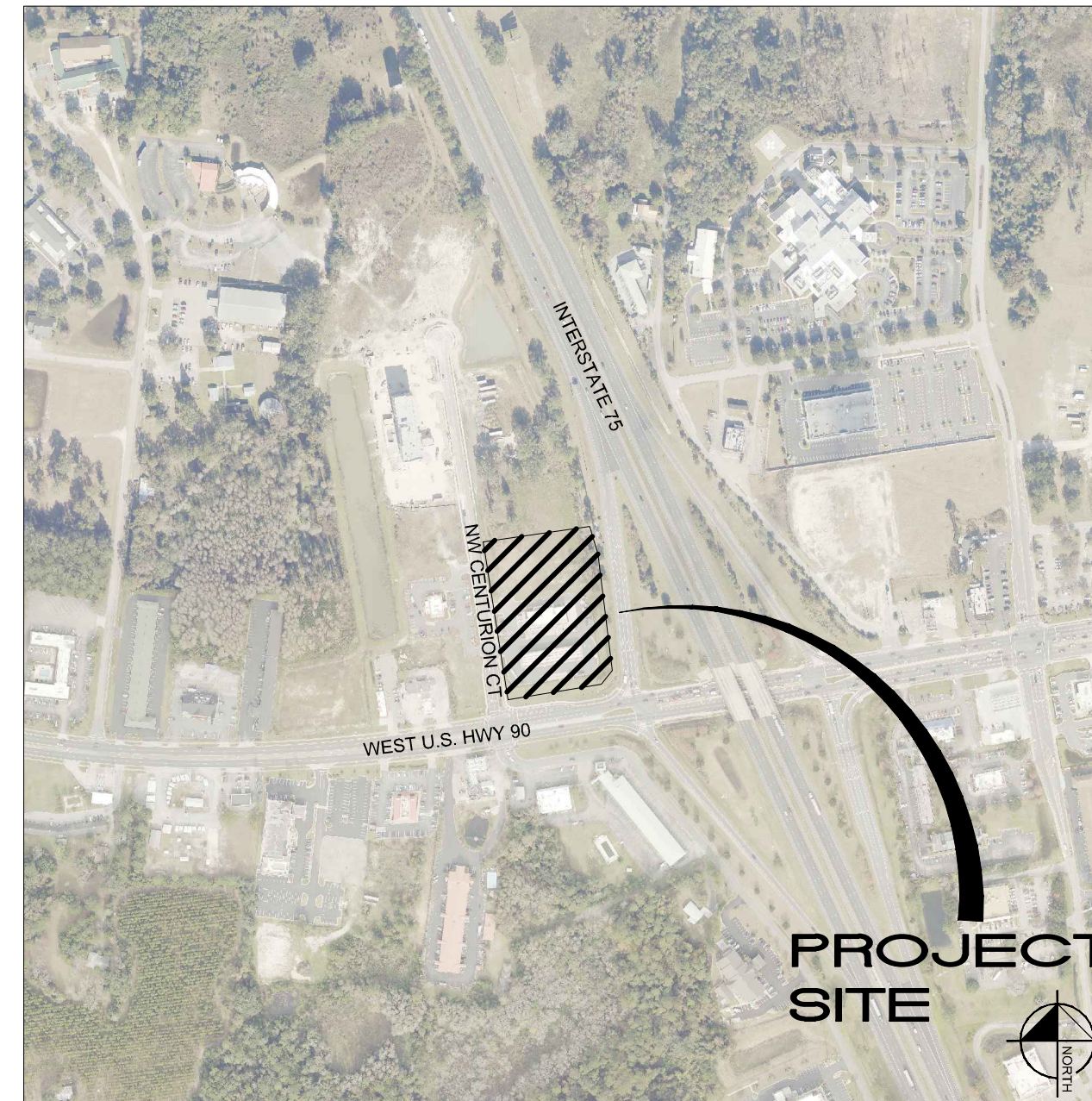
# CONSTRUCTION PLANS FOR CIRCLE K - US HWY 90 & I-75 FUEL EXPANSION

143 NW CENTURION COURT  
LAKE CITY, FLORIDA 32055  
MAY 4, 2022

PARCEL IDs: 35-3S-16-02524-001,  
35-3S-16-02524-102 AND 35-3S-16-02524-111



Project Location  
Lake City, FL



VICINITY MAP

1" = 500'

## PROJECT TEAM

**OWNER:**  
GWC DEVELOPMENT PARTNERS LLC  
2682 W NOEGEL ROAD  
LAKE CITY, FL 32055  
CONTACT: DIANE BERRY  
PHONE: (407) 580-5173  
EMAIL: DBERRY@SCHAFERCONST.COM

**CIVIL ENGINEER:**  
KIMLEY-HORN AND ASSOCIATES, INC.  
189 SOUTH ORANGE AVENUE, SUITE 1000  
ORLANDO, FL 32801  
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EMAIL: JAROD.STUBBS@KIMLEY-HORN.COM

**SURVEYOR:**  
JBPRO  
3530 NW 43RD STREET  
GAINESVILLE, FL 32606  
CONTACT: TROY V. WRIGHT  
PHONE: (352) 375-8999

**DEVELOPER:**  
CIRCLE K STORES, INC  
3802 CORPOREX PARK DRIVE, SUITE 413  
TAMPA, FL 33619  
CONTACT: EDWARD GIUNTA  
PHONE: (407) 580-5173

**ARCHITECT:**  
RDC COLLABORATIVE  
11921 FREEDOM DRIVE, SUITE #1110  
RESTON, VA 20190  
CONTACT: MEGAN LARGENT  
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FAX: (703) 668-0085

**LANDSCAPE ARCHITECT:**  
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189 SOUTH ORANGE AVENUE, SUITE 1000  
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PREPARED BY

**Kimley»Horn**

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PHONE: 407-898-1511  
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

## LEGAL DESCRIPTION

LOT 2 AND THE NORTH 34.55 FEET OF LOT 11 OF GATEWAY CROSSING A REPLAT OF LOTS 2 & 3, ACCORDING TO PLAT THEREOF RECORDED IN PLAT BOOK 9, PAGE 151, PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

## UTILITY PROVIDERS

**WATER/SEWER:**  
CITY OF LAKE CITY UTILITIES  
892 SW SAINT MARGARETS ST  
LAKE CITY, FL 32025  
CONTACT:  
PHONE:

**CABLE:**  
COMCAST CABLE  
5934 RICHARD STREET  
JACKSONVILLE, FL 32216  
CONTACT: ANDREW SWEENEY  
PHONE: (904) 738-6898

**ELECTRIC :**  
FLORIDA POWER & LIGHT  
2618 NE BASCOM NORRIS DRIVE  
LAKE CITY, FL 32055  
CONTACT: SHANE EUBANK  
PHONE: (386) 754-2020

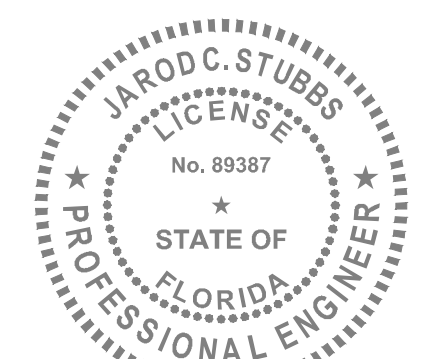
**TELEPHONE:**  
AT&T  
6628 LAKESIDE ROAD  
WEST PALM BEACH, FL 33411  
CONTACT: DINO FARRUGGIO  
EMAIL: G27896@ATT.COM  
PHONE: (561) 683-2729

**FIBER OPTIC :**  
HARGRAY OF FLORIDA, INC.  
8324 BAYMEADOWS WAY, STE. 102  
JACKSONVILLE, FL 32256  
CONTACT: EDWARD HARDING  
PHONE: (904) 652-9934

**GAS :**  
CITY OF LAKE CITY GAS/PUBLIC WORKS  
180 NE GUM SWAMP ROAD  
LAKE CITY, FL 32055  
CONTACT: THOMAS HENRY  
EMAIL: HENRYT@CFLA.COM  
PHONE: (386) 758-5425

## SHEET INDEX

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C1.0-C1.1	GENERAL NOTES
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C3.0-C3.1	EXISTING CONDITIONS & DEMOLITION PLAN
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JAROD C. STUBBS, P.E.  
FL P.E. # 89387  
05/04/2022

CIRCLE K - US HWY 90 & I-75 HIGH  
SPEED DIESEL FUEL EXPANSION  
MAY 4, 2022  
ENGINEER'S PROJECT No. 149880040

NO.	DESCRIPTION	DATE





# STORMWATER POLLUTION PREVENTION PLAN

## SITE DESCRIPTION

### PROJECT NAME AND LOCATION

CIRCLE K - US HWY 90 & I-75 FUEL EXPANSION  
 TAX PARCEL: 24-29-11-281016-000020  
 CITY OF LAKE CITY, FLORIDA

\*SEE COVER SHEET FOR LOCATION MAP

### DEVELOPER NAME AND ADDRESS

SCHAFFER CONSTRUCTION, LLC  
 2601 NETWORK BLVD., SUITE 413  
 FRISCO, TX 75034  
 CONTACT: DIANE BERRY  
 PHONE: (407) 580-5173  
 EMAIL: DBERRY@SCHAFFERCONST.COM

### PROJECT DESCRIPTION

THE PROJECT WILL CONSIST OF CONSTRUCTING A CIRCLE K CONVENIENCE STORE BUILDING EXPANSION WITH HIGH SPEED DIESEL FUELING STATIONS AND SEMI-TRUCK PARKING ON A PREVIOUSLY MASS GRADED SITE. THE PROJECT IS 3.46 ± ACRES LOCATED ON THE NORTHEAST CORNER OF US HIGHWAY 90 AND CENTURION COURT IN LAKE CITY, FLORIDA.

PROJECT AREA: 3.46 ACRES  
 CONTRIBUTING DRAINAGE AREA: 3.46 ACRES  
 LONGITUDE : W 82° 41' 26.2" LATITUDE: N 30° 10' 51.1"

### ACTIVITIES THAT REQUIRE EROSION CONTROL

PROVIDING A STABILIZED CONSTRUCTION ENTRANCE, PERIMETER, AND OTHER EROSION AND SEDIMENT CONTROLS; DEMOLITION; SITE GRADING; INSTALLATION OF STORM WATER; CURB, DRIVEWAYS, AND ROADWAY FACILITIES.

\*SEE PLANS FOR THE LOCATION OF TEMPORARY SEDIMENT BARRIERS AND OTHER EROSION CONTROL METHODS.

### SOIL PARAMETERS

SOIL TYPES:

SERIES NAME	HYDROLOGIC GROUP
BLANTON FINE SAND, 0-5% SLOPES	A

### SEQUENCE OF MAJOR ACTIVITIES

THE ORDER OF CONSTRUCTION IS AS FOLLOWS:

1. PROVIDE STABILIZED CONSTRUCTION ENTRANCE
2. INSTALL SILT FENCES AND OTHER EROSION CONTROL METHODS
3. DEMOLITION
4. CLEAR AND GRUB FOR SEDIMENT BASIN AND EARTH DIKE
5. CONSTRUCT EARTH DIKE AND SEDIMENT BASIN
6. FINISH CLEARING AND GRUBBING
7. REMOVE AND STORE TOPSOIL
8. PROVIDE INITIAL GRADING AS REQUIRED
9. STABILIZE ALL DISTURBED AREAS AS SOON AS POSSIBLE
10. INSTALL UTILITIES, STORM SEWER, CURB AND GUTTER
11. INSTALL BASE TO ROAD AND DRIVEWAY AREA
12. FINISH GRADING ENTIRE SITE
13. CONSTRUCT FINAL PAVING
14. REMOVE ACCUMULATED SEDIMENT
15. REMOVE ANY ITEMS THAT ARE NOT REQUIRED

### TIMING OF CONTROL MEASURES

THE INSTALLATION OF SILT FENCE (AND OTHER EROSION CONTROL MEASURES), A STABILIZED ENTRANCE AND SEDIMENT BASIN SHALL OCCUR PRIOR TO CLEARING AND GRUBBING ACTIVITY. AFTER CONSTRUCTION IS COMPLETE, THE ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE AREAS SHALL BE REGRADED AND PERMANENTLY STABILIZED AS SHOWN ON THE PLANS.

## EROSION AND SEDIMENT CONTROLS

BEST MANAGEMENT PRACTICES SHALL BE USED FOR THIS PROJECT TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN-OFF. THE LOCATION AND DETAILS OF EROSION CONTROL METHODS ARE SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR PLACING AND MAINTAINING THESE CONTROL METHODS AS SHOWN ON THE PLANS OR AS REQUIRED. HE/SHE SHALL ALSO PROVIDE THE REQUIRED EROSION PROTECTION AS REQUIRED BY LOCAL, STATE AND FEDERAL LAW.

### STORM WATER MANAGEMENT

STORMWATER COLLECTION SHALL BE PROVIDED BY DRAINAGE INLETS WITHIN THE PROPOSED DRIVE AISLES. THE PROPOSED DRAINAGE INLETS WILL CONNECT INTO THE EXISTING OFFSITE STORM DRAINAGE COLLECTION SYSTEM, WHICH DRAINS TO AN OFFSITE MASTER STORMWATER POND THAT PROVIDES ATTENUATION FOR THIS SITE. THE POND IS DESIGNED IN ACCORDANCE WITH SRWMD AND LAKE CITY CODE.

### STABILIZATION PRACTICES:

TEMPORARY STABILIZATION - TOPSOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASE, SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH WITHIN 7 DAYS OF THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED REQUIRED CAN BE FOUND IN TABLE 1.65 A OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, WHERE SOILS ARE ACIDIC 2 TONS OF PULVERIZED AGRICULTURAL LIMESTONE SHOULD BE ADDED PER ACRE AND 450 POUNDS OF 10-20-20 FERTILIZER SHALL BE APPLIED TO EACH ACRE. AFTER SEEDING, EACH AREA SHALL BE IMMEDIATELY MULCHED WITH STRAW OR EQUIVALENT EQUAL. AREAS OF THE SITE WHICH ARE TO BE PAVED SHALL BE TEMPORARILY STABILIZED BY APPLYING GEOTEXTILE AND STONE SUB-BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED.

PERMANENT STABILIZATION - DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. THE APPROPRIATE PERMANENT SEED MIX CAN BE FOUND IN TABLES 1.66A, 1.66B AND 1.66C OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, 2 TONS/ACRE OF FINELY GROUND AGRICULTURAL LIMESTONE AND THE PROPER FERTILIZER BASED ON THE TYPE OF SEEDING SHALL BE APPLIED TO EACH ACRE TO PROVIDE PLANT NUTRIENTS. AFTER SEEDING, EACH AREA SHALL BE MULCHED IMMEDIATELY.

### STRUCTURAL PRACTICES:

EARTH DIKE - IF REQUIRED, AN EARTH DIKE SHALL BE CONSTRUCTED ALONG THE SITE PERIMETER. A PORTION OF THE DIKE SHALL DIVERT RUN-ON AROUND THE CONSTRUCTION SITE. THE REMAINING PORTION OF THE DIKE SHALL COLLECT RUNOFF FROM THE DISTURBED AREA AND DIRECT THE RUNOFF TO THE SEDIMENT BASIN.

SEDIMENT BASIN - A SEDIMENT BASIN SHALL BE CONSTRUCTED IN THE COMMON DRAINAGE AREA FOR THE SITE. ALL SEDIMENT COLLECTED IN THE BASIN MUST BE REMOVED FROM THE BASIN UPON COMPLETION OF CONSTRUCTION. SEDIMENT FROM THE BASIN MAY BE USED AS FILL ON THE SITE IF IT IS SUITABLE SOIL.

### WASTE DISPOSAL

WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.

HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.

SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.

### OFF-SITE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE MAJOR ROAD CONNECTED TO THE PROJECT SHALL BE CLEANED ONCE A DAY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK RESULTING FROM CONSTRUCTION TRAFFIC. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARPAULIN.

## ITEMS REQUIRING POLLUTION PREVENTION

THE FOLLOWING ITEMS ARE EXPECTED TO BE PRESENT ON THE PROJECT SITE:

- |                           |                        |
|---------------------------|------------------------|
| -ASPHALT                  | -CLEANING SUPPLIES     |
| -CONCRETE                 | -DETERGENTS            |
| -FERTILIZERS              | -MASONARY BLOCK/BRICKS |
| -METAL PIECES             | -PAINT                 |
| -PETROLEUM BASED PRODUCTS | -WOOD                  |
| -TAR                      |                        |

THE FOLLOWING ARE NON-STORM WATER SOURCES THAT WILL BE ENCOUNTERED AT THE SITE AND SHOULD BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE:

- UNCONTAMINATED GROUNDWATER EXPOSED DURING EXCAVATION
- WATER FROM WATER LINE FLUSHING
- PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).

### SPILL PREVENTION AND CONTROL

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

### GOOD HOUSEKEEPING

SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.

STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.

ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.

ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.

PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.

ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

### HAZARDOUS PRODUCTS

MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.

PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.

### PRODUCT SPECIFIC PRACTICES

PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.

THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.

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

### SPILL CONTROL PRACTICES

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

-SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.

-THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.

-ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.

-WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.

-TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.

-AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.

-THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

## MAINTENANCE AND INSPECTION PRACTICES

THE FOLLOWING ARE MAINTENANCE AND INSPECTION PRACTICES THAT SHALL BE COMPLETED BY THE CONTRACTOR:

-LEAST SEDIMENT AND EROSION CONTROL METHODS SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER BY A QUALIFIED INSPECTOR.

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE KEPT IN GOOD CONDITION. REPAIRS MUST BE MADE WITHIN 7 CALENDAR DAYS OF INSPECTION.

-THE SILT FENCE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF FENCE.

-THE SILT FENCE SHALL BE CLEARED OF SEDIMENT WHEN SEDIMENT MEASURES ONE-THIRD THE HEIGHT OF THE FENCE.

-THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED PERIODICALLY FOR DEPTH OF SEDIMENT. THEY SHALL BE CLEANED WHEN SEDIMENT REACHES 10% OF TOTAL CAPACITY AND AFTER CONSTRUCTION IS COMPLETE.

-ALL SEEDING SHALL BE CHECKED FOR PROPER GROWTH AND UNIFORMITY. UNSTABILIZED AREAS SHALL BE RE-SODDED.

-A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.

-THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.

## POLLUTION PREVENTION PLAN CERTIFICATION

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

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

JAROD C. STUBBS, P.E.  
 FLORIDA REGISTRATION NUMBER: 89387  
 PROFESSIONAL ENGINEER

## CONTRACTOR'S CERTIFICATION

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

SIGNATURE AND DATE	NAME AND TITLE, COMPANY / ADDRESS AND TELEPHONE NUMBER	RESPONSIBILITY

NO.	REVISIONS	DATE

**Kimley»Horn**  
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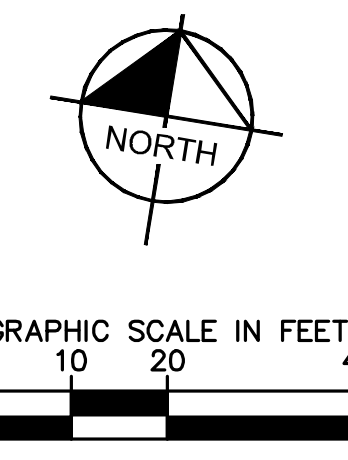
KHA PROJECT  
 149880040  
 DATE  
 05/04/2022  
 SCALE AS SHOWN  
 DESIGNED BY E.J.F.  
 DRAWN BY E.J.F.  
 CHECKED BY J.C.S.  
 DATE: 05/04/2022

STORMWATER  
 POLLUTION  
 PREVENTION PLAN

CIRCLE K - US  
 HWY 90 & I-75  
 FUEL EXPANSION  
 CITY OF LAKE CITY  
 FLORIDA

SHEET NUMBER  
**C2.0**

Plotted By: Parks, Etham - Sheet Set: CIRCLE K - US HWY 30 & I-75 High Speed Diesel Fuel Expansion - Layout: C3.0 EXISTING CONDITIONS & DEMOLITION PLAN - June 08, 2022 - 04:29:23pm - K:\ORL\Chil\149880040-Circle K USBD & I-75 CAD\CONSTR\PlanSheets\C3.0 - EXISTING CONDITIONS & DEMO PLAN.dwg  
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



- NOTES:**
- CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR DEMOLITION REQUIREMENTS OF ELECTRICAL SYSTEMS.
  - CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES AS NEEDED TO PREVENT SYSTEM POLLUTION DURING TIME OF CONSTRUCTION.
  - REFER TO SWPPP SHEET C2.0 FOR ADDITIONAL NOTES AND DETAILS.
  - INSTALL AND MAINTAIN SILT FENCE AT LIMITS OF CONSTRUCTION. SEE DETAIL SHEET C7.0.
  - PROVIDE SOIL TRACKING PREVENTION DEVICE AT ALL CONSTRUCTION ACCESS POINTS. SEE DETAIL SHEET C7.1.
  - UTILIZE PERFORATED SOCK DRAIN (OR EQUIVALENT) IN FRONT OF EXISTING/PROPOSED CURB INLETS ADJACENT TO CONSTRUCTION ACTIVITIES. SEE DETAIL SHEET C7.1.
  - INSTALL AND MAINTAIN FILTER FABRIC UNDER GRATES OF EXISTING/PROPOSED INLETS. SEE SHEET C7.1.
  - CONTRACTOR TO ENSURE ADEQUATE COVER REMAINS OVER ALL EXISTING UTILITIES.
  - CONTRACTOR TO VERIFY EXISTING COVER OVER ALL UTILITIES BEFORE START OF CONSTRUCTION AND TO COORDINATE WITH THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION IF DESIGN DOES NOT PROVIDE 36" COVER.
  - CONTRACTOR IS TO VERIFY EXISTING SANITARY, STORM, WATER, ELECTRIC, PHONE, CABLE, AND NATURAL GAS SERVICES TO BUILDINGS SCHEDULED FOR DEMOLITION. SERVICES ARE TO BE ISOLATED FROM THE MAIN UTILITY SERVICE CONNECTIONS, AND CAPPED AND/OR REMOVED AS REQUIRED BY THE UTILITY PROVIDER. UTILITY SERVICES ARE TO BE ISOLATED IN A MANNER THAT WILL INSURE THAT ADJACENT PROPERTIES REMAIN CONNECTED WITHOUT EXPERIENCING AN INTERRUPTION OF SERVICE.
  - THERE MAY BE ON-SITE UNDERGROUND UTILITIES (INCLUDING BUT NOT LIMITED TO IRRIGATION, SANITARY SEWER, POTABLE WATER LINES, NATURAL GAS LINES, FIBER OPTIC, ELECTRIC, TELEPHONE AND CABLE LINES) THAT WERE NOT LOCATED OR IDENTIFIED BY THE PROJECT SURVEYOR. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ON-SITE UTILITIES.
  - CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR DEMOLITION REQUIREMENTS OF ELECTRICAL SYSTEMS.
  - CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES AS NEEDED TO PREVENT SYSTEM POLLUTION DURING TIME OF CONSTRUCTION.

NO.	REVISIONS	DATE	BY

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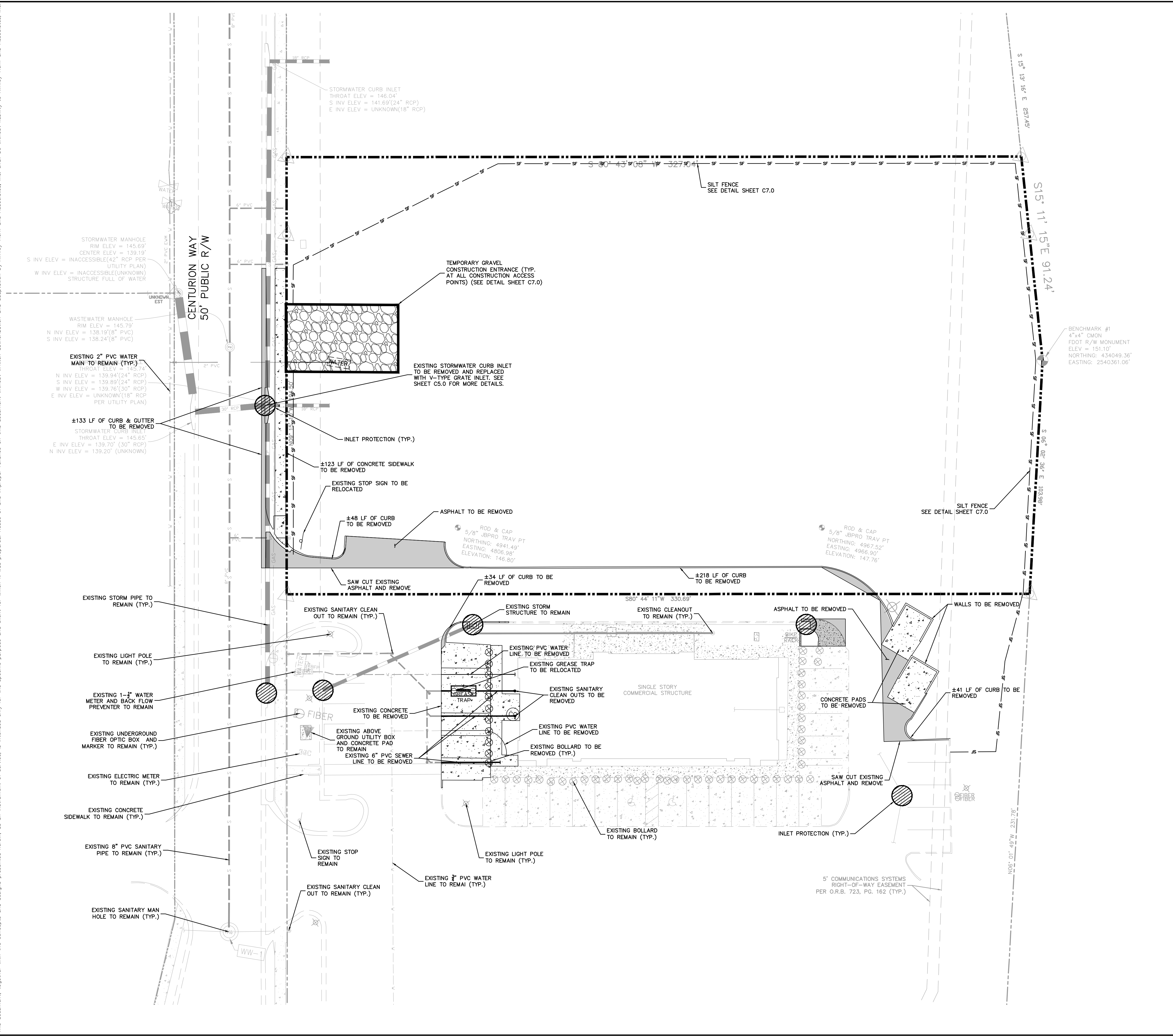
**LICENSED PROFESSIONAL ENGINEER**  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEERING  
 LICENSE NO. 120983  
 DATE: 06/06/2017

KHA PROJECT 149880040  
 DATE 05/04/2022  
 SCALE AS SHOWN  
 DESIGNED BY E/JF  
 DRAWN BY E/JF  
 CHECKED BY JCS

**EXISTING CONDITIONS & DEMOLITION PLAN**

**CIRCLE K - US HWY 30 & I-75 FUEL EXPANSION**  
 CITY OF LAKE CITY, FLORIDA

SHEET NUMBER **C3.0**



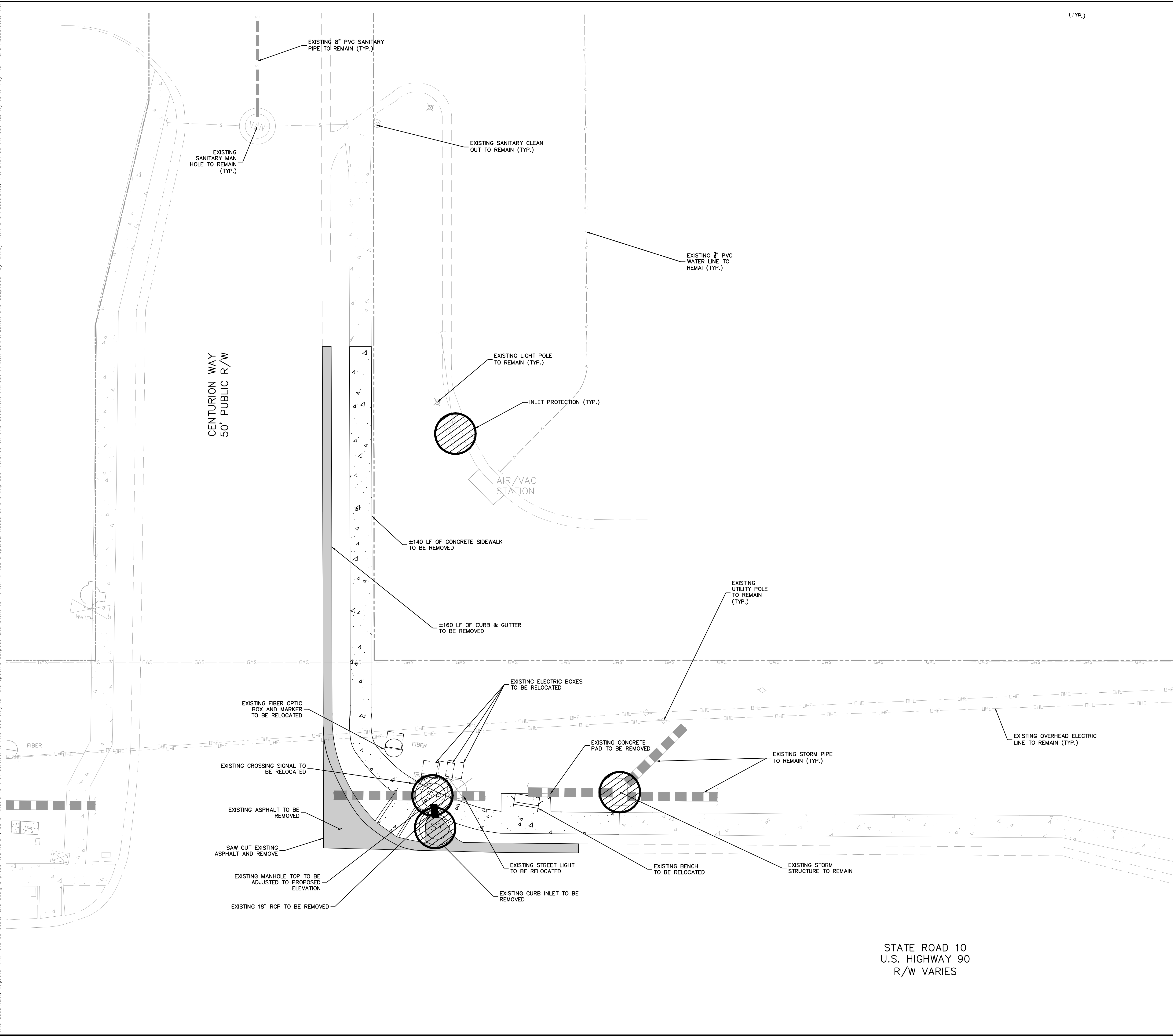
**LEGEND**

- PROPERTY LINE (TYP.)
- INLET PROTECTION (SEE DETAIL SHEET C7.0)
- TYPE III SILT FENCE (SEE DETAIL SHEET C7.0)
- EXISTING TO BE DEMOLISHED
- EXISTING SEWER MAIN
- EXISTING WATER MAIN
- EXISTING STORM PIPE
- EXISTING GAS MAIN
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING FORCE MAIN

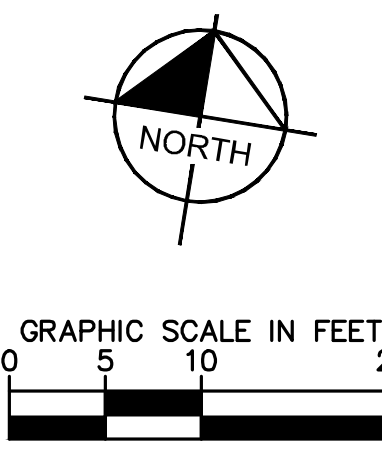
**VERTICAL DATUM:**  
 ELEVATIONS ARE REFERENCED TO PLAT BENCHMARKS AS SHOWN ON THE FACE OF THE PLAT OF GATEWAY CROSSING REPLAT OF LOTS 2 AND 3, PLAT BOOK 9, PAGE 151

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Plotted By: Parks, Etham - Sheet Set: CIRCLE K - US HWY 90 & I-75 High Speed Diesel Fuel Expansion - Layout: C3.1 - EXISTING CONDITIONS & DEMOLITION PLAN - June 08, 2022 - 04:29:28pm - K:\ORL\_Civil\149880040-Circle K US90 & I75 CAD\CONSET\PlanSheets\C3.0 - EXISTING CONDITIONS & DEMO PLAN.dwg  
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(TYP.)



- NOTES:**
- CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR DEMOLITION REQUIREMENTS OF ELECTRICAL SYSTEMS.
  - CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES AS NEEDED TO PREVENT SYSTEM POLLUTION DURING TIME OF CONSTRUCTION.
  - REFER TO SWPPP SHEET C2.0 FOR ADDITIONAL NOTES AND DETAILS.
  - INSTALL AND MAINTAIN SILT FENCE AT LIMITS OF CONSTRUCTION. SEE DETAIL SHEET C7.0.
  - PROVIDE SOIL TRACKING PREVENTION DEVICE AT ALL CONSTRUCTION ACCESS POINTS. SEE DETAIL SHEET C7.1.
  - UTILIZE PERFORATED SOCK DRAIN (OR EQUIVALENT) IN FRONT OF EXISTING/PROPOSED CURB INLETS ADJACENT TO CONSTRUCTION ACTIVITIES. SEE DETAIL SHEET C7.1.
  - INSTALL AND MAINTAIN FILTER FABRIC UNDER GRATES OF EXISTING/PROPOSED INLETS. SEE SHEET C7.1.
  - CONTRACTOR TO ENSURE ADEQUATE COVER REMAINS OVER ALL EXISTING UTILITIES.
  - CONTRACTOR TO VERIFY EXISTING COVER OVER ALL UTILITIES BEFORE START OF CONSTRUCTION AND TO COORDINATE WITH THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION IF DESIGN DOES NOT PROVIDE 36" COVER.
  - CONTRACTOR IS TO VERIFY EXISTING SANITARY, STORM, WATER, ELECTRIC, PHONE, CABLE, AND NATURAL GAS SERVICES TO BUILDINGS SCHEDULED FOR DEMOLITION. SERVICES ARE TO BE ISOLATED FROM THE MAIN UTILITY SERVICE CONNECTIONS, AND CAPPED AND/OR REMOVED AS REQUIRED BY THE UTILITY PROVIDER. UTILITY SERVICES ARE TO BE ISOLATED IN A MANNER THAT WILL INSURE THAT ADJACENT PROPERTIES REMAIN CONNECTED WITHOUT EXPERIENCING AN INTERRUPTION OF SERVICE.
  - THERE MAY BE ON-SITE UNDERGROUND UTILITIES (INCLUDING BUT NOT LIMITED TO IRRIGATION, SANITARY SEWER, POTABLE WATER LINES, NATURAL GAS LINES, FIBER OPTIC, ELECTRIC, TELEPHONE AND CABLE LINES) THAT WERE NOT LOCATED OR IDENTIFIED BY THE PROJECT SURVEYOR. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ON-SITE UTILITIES.
  - CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR DEMOLITION REQUIREMENTS OF ELECTRICAL SYSTEMS.
  - CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES AS NEEDED TO PREVENT SYSTEM POLLUTION DURING TIME OF CONSTRUCTION.

**LEGEND**

	PROPERTY LINE (TYP.)
	INLET PROTECTION (SEE DETAIL SHEET C7.0)
	TYPE III SILT FENCE (SEE DETAIL SHEET C7.0)
	EXISTING TO BE DEMOLISHED
	EXISTING SEWER MAIN
	EXISTING WATER MAIN
	EXISTING STORM PIPE
	EXISTING GAS MAIN
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING TREE TO REMAIN
	EXISTING TREE TO BE REMOVED
	EXISTING FORCE MAIN

NO.	REVISIONS	DATE	BY

**Kimley»Horn**

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 PHONE: 407-898-1511  
 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106

**LICENSED PROFESSIONAL ENGINEER**  
 STATE OF FLORIDA  
 PROFESSIONAL REGISTERED NUMBER: 120883  
 DATE: 06/11/2011

KHA PROJECT: 149880040  
 DATE: 05/04/2022  
 SCALE: AS SHOWN  
 DESIGNED BY: EJJF  
 DRAWN BY: EJJF  
 CHECKED BY: JCS

**EXISTING CONDITIONS & DEMOLITION PLAN**

**CIRCLE K - US HWY 90 & I-75 FUEL EXPANSION**

CITY OF LAKE CITY FLORIDA

SHEET NUMBER: **C3.1**

STATE ROAD 10  
 U.S. HIGHWAY 90  
 R/W VARIES

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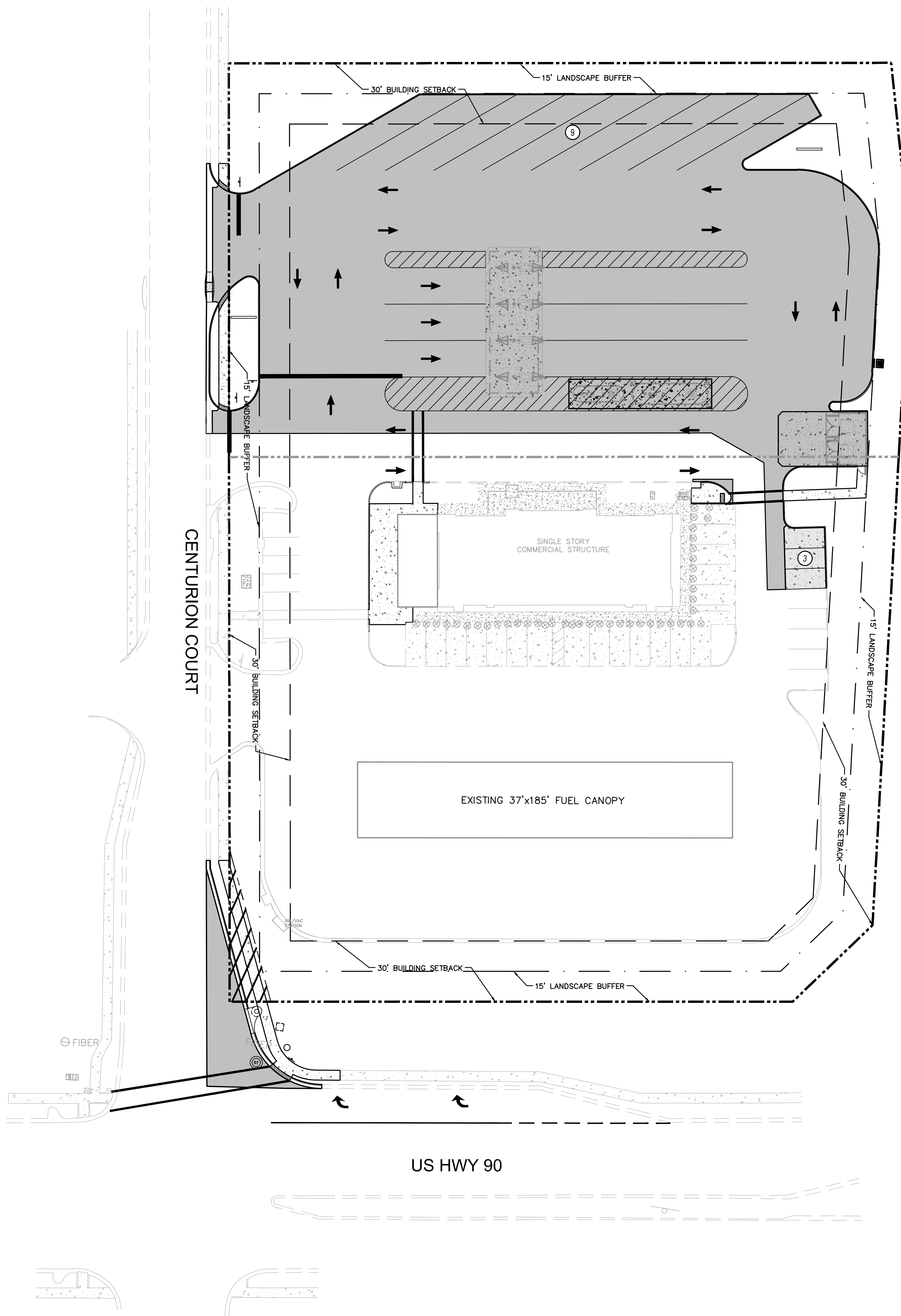
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Plotted By: Parks, Etham - Sheet Set: CIRCLE K - US HWY 30 & I-75 High Speed Diesel Fuel Expansion - Layout: C4.G OVERALL SITE PLAN - June 08, 2022 - 04:29:42pm - K:\ORL\Civil\149880040-Circle K USBD & I75 CADD\CONSIST\PlanSheets\C4.0 - SITE PLAN.dwg  
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**NOTES:**

1. ALL CURB DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
2. BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
3. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.
4. REFER TO SIGNAGE PLANS FOR MONUMENT SIGN DETAILS.
5. SEE MEP PLANS FOR ELECTRICAL DRAWINGS.
6. ALL PROPOSED ON-SITE STRIPING AND PAVEMENT MARKING WILL BE PAINTED UNLESS OTHERWISE NOTED AND IN ACCORDANCE WITH FDOT INDEX 711-001.
7. REFER TO ARCHITECTURAL PLANS FOR PROPOSED TRASH CAN LOCATIONS AND DESIGN.
8. BOLLARDS IN SIDEWALK ADJACENT TO BUILDING SHALL BE COVERED WITH RED PLASTIC COVERS TO BE SUPPLIED BY CONTRACTOR.
9. BOLLARDS UNDER CANOPY SHALL BE COVERED WITH GRAY PLASTIC COVERS TO BE SUPPLIED BY CONTRACTOR (SEE FUEL PUMP DESIGNER PLANS FOR MORE DETAIL).
10. REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING AND ELECTRICAL PLANS.
11. ALL SIGNAGE AND PAVEMENT MARKINGS SHALL MEET MUTCD AND FDOT STANDARDS.
12. ALL SIGNAGE SHALL MEET THE REQUIREMENTS OF CITY OF LAKE CITY LAND DEVELOPMENT CODE, CHAPTER 7, SEC. 760

**SITE DATA:**

PROJECT AREA:	3.46± ACRES (150,953 SF)
FUTURE LAND USE:	COMMERCIAL
EXISTING ZONING:	CHI - COMMERCIAL, HIGHWAY INTERCHANGE
EXISTING USE:	UNDEVELOPED
PROPOSED USE:	COMMERCIAL
BUILDING HEIGHT:	1 STORY / <35 FT
FAR:	0.0388
EXISTING PERVIOUS AREA:	99,714.2 SF (2.29 AC) (66%)
PROPOSED PERVIOUS AREA:	34,981 SF (0.803 AC) (23%)
PROPOSED IMPERVIOUS AREA:	5,863 SF (0.135 AC) (3.88%)
BUILDING AREA :	
(EXISTING BLDG+EXPANSION)	106,401.5 SF (2.44 AC) (70.5%)
ASPHALT/CONCRETE AREA:	
(EXISTING+HSD EXPANSION)	112,264.5 SF (2.58 AC) (65%)
TOTAL IMPERVIOUS AREA:	

**PARKING REQUIRED**

CONVENIENCE STORE (WITH GAS STATION)	
1 SPACES / 150 SF NON-STORAGE AREA (5,043 SF)	34
TOTAL REQUIRED PARKING	34

**PARKING PROVIDED**

PROPOSED HANDICAP SPACES:	2
PROPOSED REGULAR SPACES:	31
PROPOSED SEMI TRUCK SPACES:	9
PROPOSED ON-SITE SPACES:	42

**BICYCLE PARKING**

REQUIRED SPACES:	0
PROVIDED SPACES:	4

**BUILDING SETBACKS**

	REQUIRED	PROVIDED
SIDE (WEST):	30 FT	83 FT
REAR (NORTH):	30 FT	220 FT
FRONT (SOUTH):	30 FT	196 FT
SIDE (EAST):	30 FT	107 FT

**LANDSCAPE SETBACKS**

	REQUIRED	PROVIDED
SIDE (WEST):	15 FT	15 FT
REAR (NORTH):	15 FT	15 FT
FRONT (SOUTH):	N/A	0 FT
SIDE (EAST):	15 FT	15 FT

**LEGEND**

- PROPERTY LINE (TYP.)
- PROPOSED ASPHALT PAVEMENT (SEE DETAIL SHEET C7.0)
- PROPOSED CONCRETE SIDEWALK (SEE DETAIL SHEET C7.0)
- PROPOSED MEDIUM DUTY CONCRETE (SEE DETAIL SHEET C7.0)
- PROPOSED HEAVY DUTY CONCRETE (SEE DETAIL SHEET C7.0)

**VERTICAL DATUM:**

ELEVATIONS ARE REFERENCED TO PLAT BENCHMARKS AS SHOWN ON THE FACE OF THE PLAT OF GATEWAY CROSSING REPLAT OF LOTS 2 AND 3, PLAT BOOK 9, PAGE 151

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NO.	REVISIONS	DATE	BY

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LICENSED PROFESSIONAL ENGINEER  
 STATE OF FLORIDA  
 PROFESSIONAL REGISTRATION NUMBER: 12088  
 DATE: 05/04/2022  
 KHA PROJECT: 149880040  
 DATE: 05/04/2022  
 SCALE: AS SHOWN  
 DESIGNED BY: EJJF  
 DRAWN BY: EJJF  
 CHECKED BY: JCS

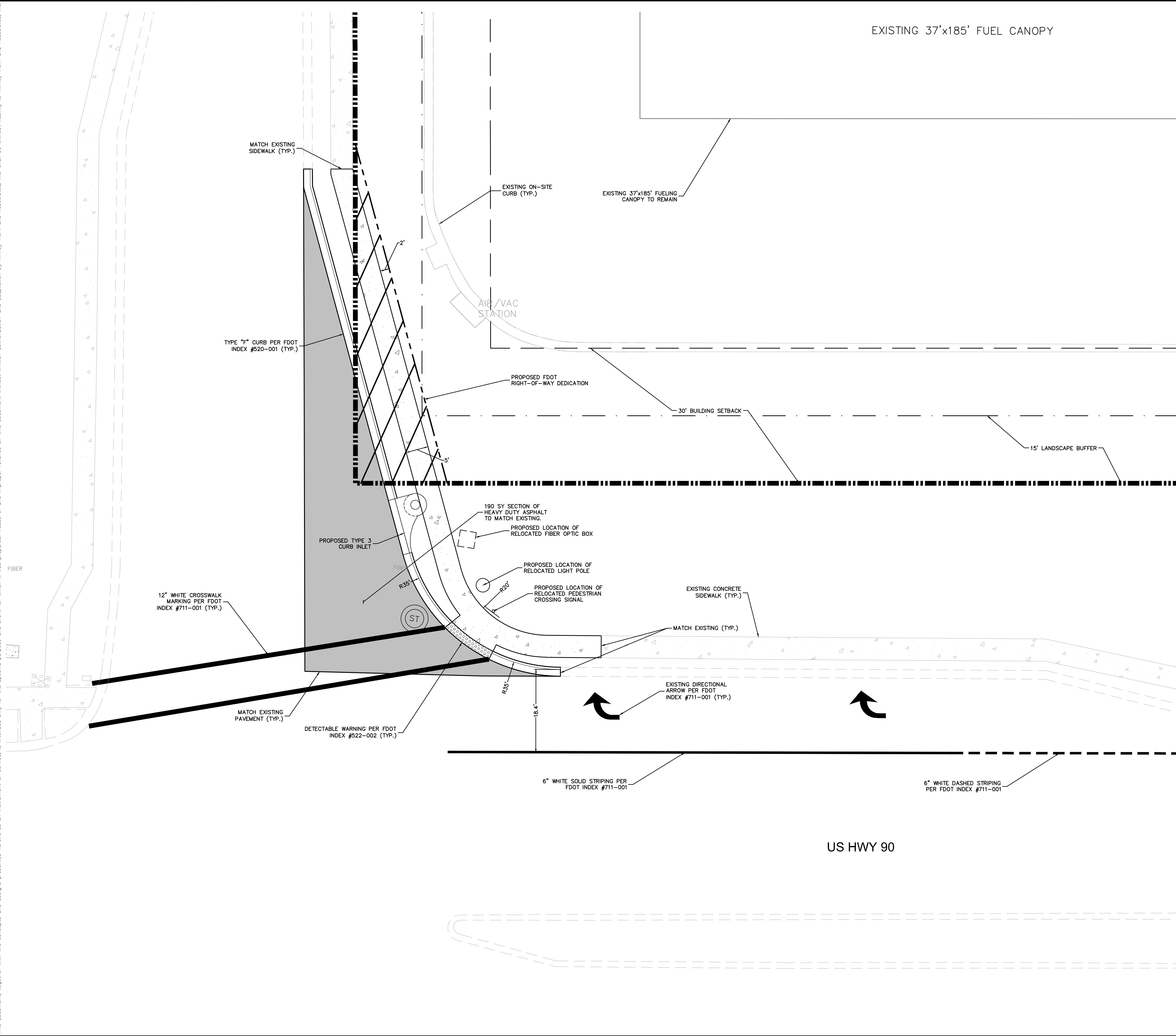
**OVERALL SITE PLAN**

**CIRCLE K - US HWY 90 & I-75 FUEL EXPANSION**  
 CITY OF LAKE CITY, FLORIDA  
 SHEET NUMBER  
**C4.0**

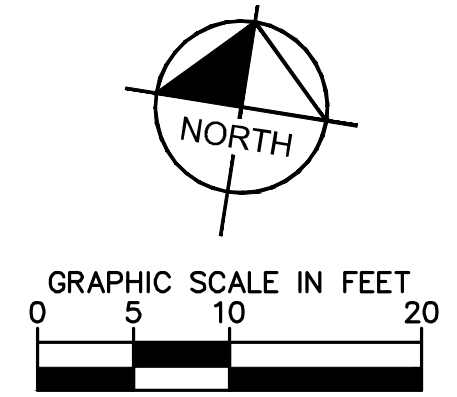




Plotted By: Parks, Ethan - Sheet Set: CIRCLE K - US HWY 30 & I-75 High-Speed Diesel Fuel Expansion - Layout: CA.2 INTERCHANGE MODIFICATIONS PLAN - June 08, 2022 - 04:28:37pm - K:\ORL\_CIVIL\49880040-Circle K US90 & I75\CADD\CONSTR\PlanSheets\C4.0 - SITE PLAN.dwg  
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EXISTING 37'x185' FUEL CANOPY



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KHA PROJECT  
 149880040  
 DATE  
 05/04/2022  
 SCALE AS SHOWN  
 DESIGNED BY EJJ  
 DRAWN BY EJJ  
 CHECKED BY JCS  
 DATE: 05/04/2022

**INTERSECTION  
 MODIFICATION PLAN**

**CIRCLE K - US HWY  
 90 & I-75 FUEL  
 EXPANSION**  
 CITY OF LAKE CITY FLORIDA

SHEET NUMBER  
**C4.2**

**LEGEND**

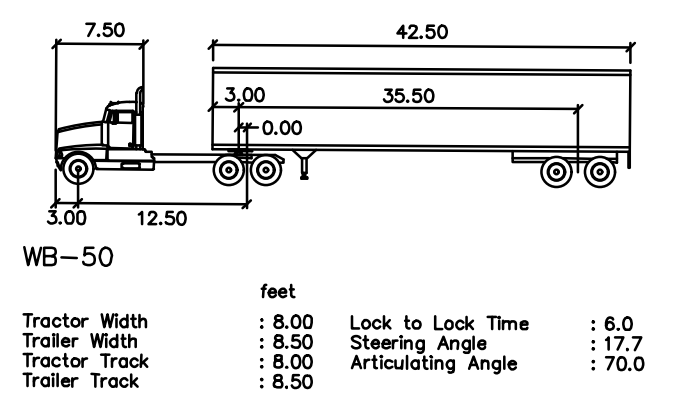
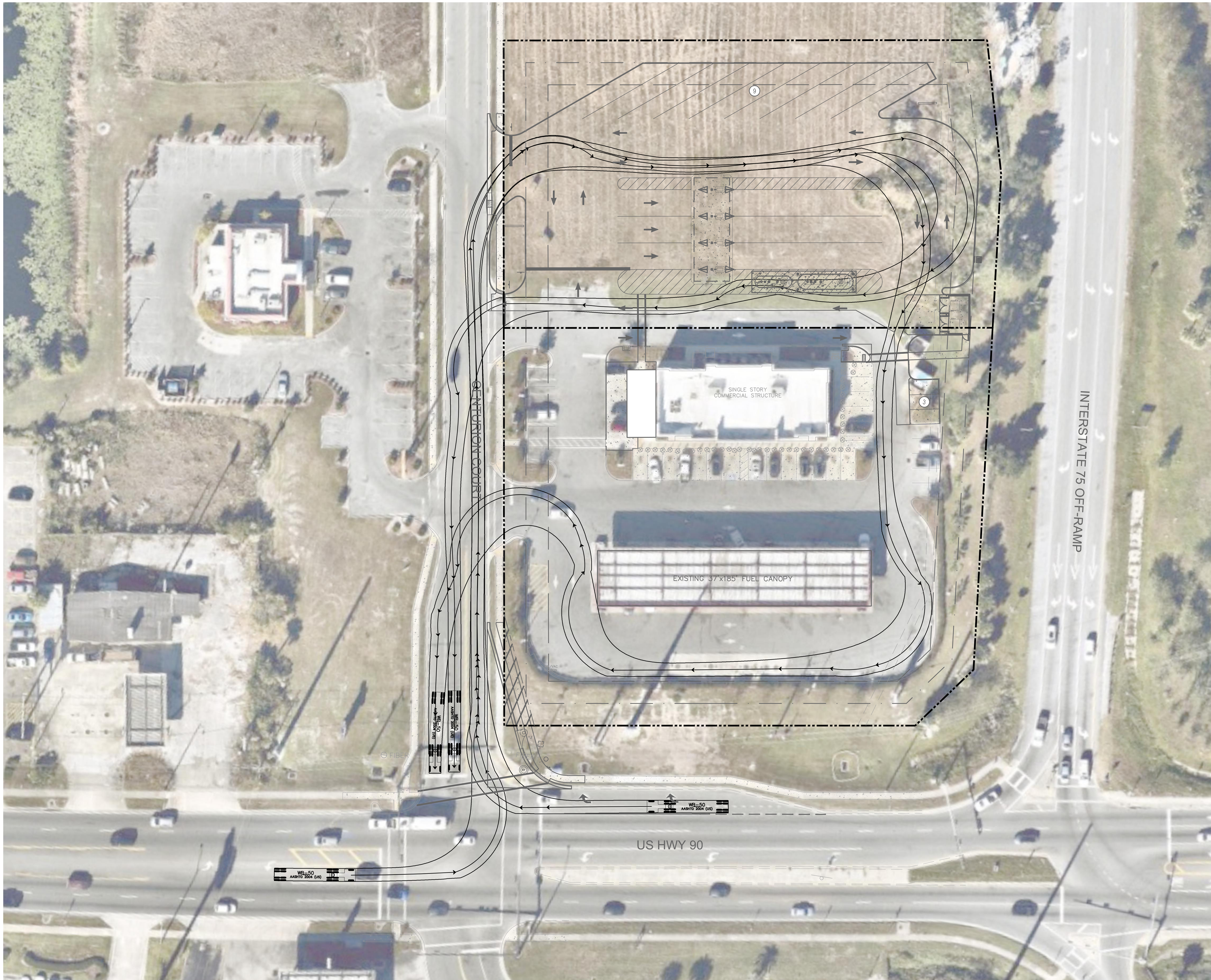
- PROPERTY LINE (TYP.)
- PROPOSED ASPHALT PAVEMENT (SEE DETAIL SHEET C7.0)
- PROPOSED CONCRETE SIDEWALK (SEE DETAIL SHEET C7.0)
- PROPOSED MEDIUM DUTY CONCRETE (SEE DETAIL SHEET C7.0)
- PROPOSED HEAVY DUTY CONCRETE (SEE DETAIL SHEET C7.0)

**VERTICAL DATUM:**

ELEVATIONS ARE REFERENCED TO PLAT BENCHMARKS AS SHOWN ON THE FACE OF THE PLAT OF GATEWAY CROSSING REPLAT OF LOTS 2 AND 3, PLAT BOOK 9, PAGE 151

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Plotted By: Parks, Ethan - Sheet Set: CIRCLE K - US HWY 90 & I-75 High Speed Diesel Fuel Expansion - Layout: C4.3 FUEL TRUCK MOVEMENTS - June 08, 2022 04:29:40pm - K:\VDR\Civil\149880040-Circle K US90 & I75\GADD\CONST\PlanSheets\C4.0 - SITE PLAN.dwg  
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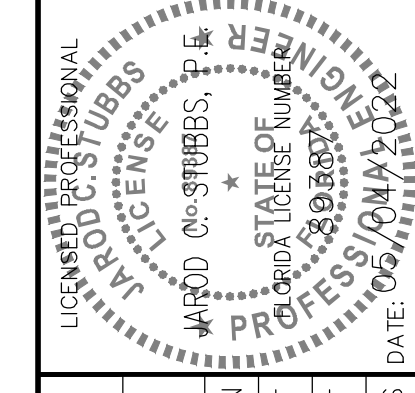
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KHA PROJECT	149880040
DATE	05/04/2022
SCALE	AS SHOWN
DESIGNED BY	EJF
DRAWN BY	EJF
CHECKED BY	JCS
JCS DATE	05/04/2022

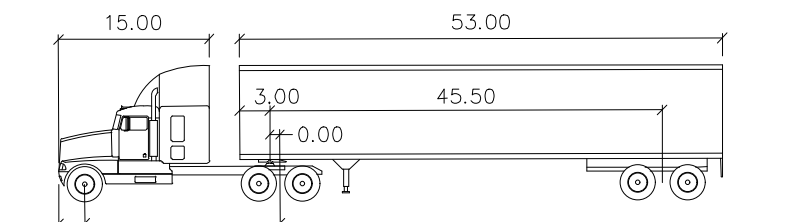
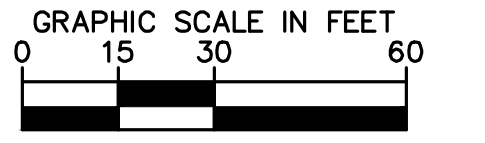
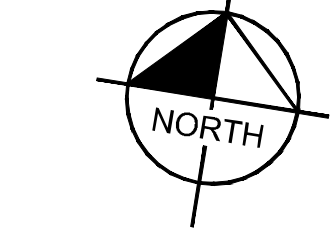
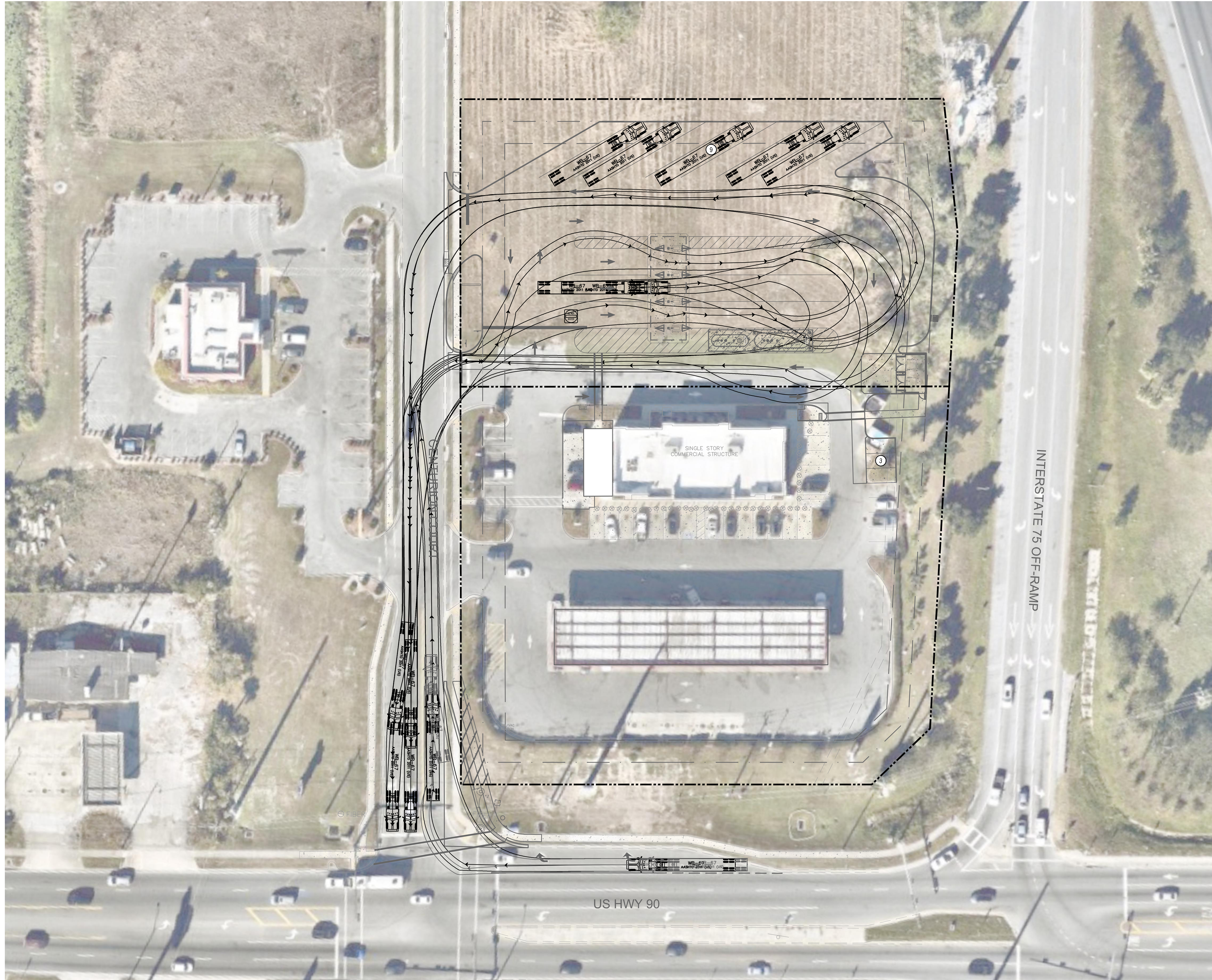
## TRUCK TURNING MOVEMENTS

CIRCLE K - US HWY 90 & I-75 FUEL EXPANSION

CITY OF LAKE CITY FLORIDA

SHEET NUMBER  
**C4.3**

Plotted By: Parks, Ethan - Sheet Set: CIRCLE K - US HWY 30 & I-75 High Speed Diesel Fuel Expansion - Layout: C4.4 FUELING TRUCK MOVEMENTS - June 08, 2022 04:29:45pm - K:\DR\Civil\149880040-Circle K US90 & I75\CADD\CONST\PlanSheets\C4.0 - SITE PLAN.dwg  
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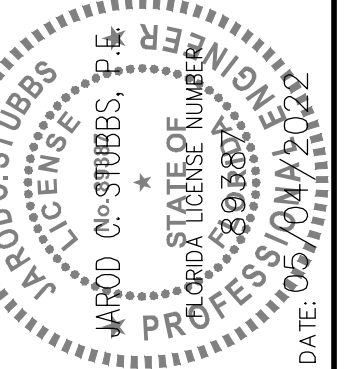


Tractor Width	: 4.00	Lock to Lock Time	: 6.0
Tractor Track	: 19.50	Steering Angle	: 28.4
Tractor Length	: 15.00	Articulating Angle	: 75.0
Trailer Length	: 53.00		
Trailer Width	: 45.50		

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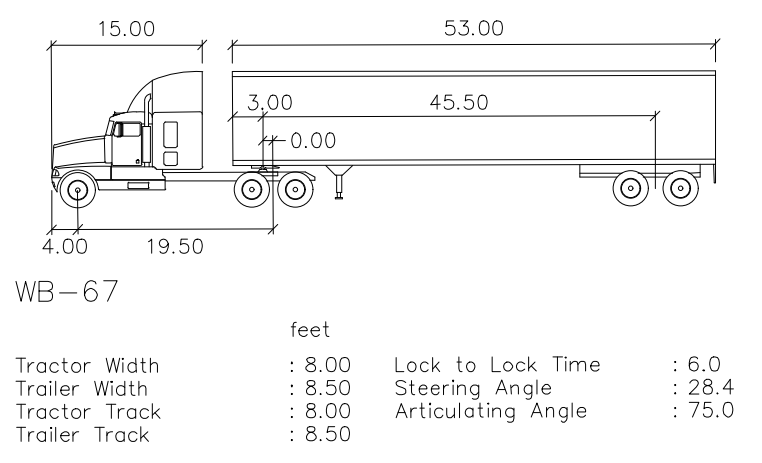
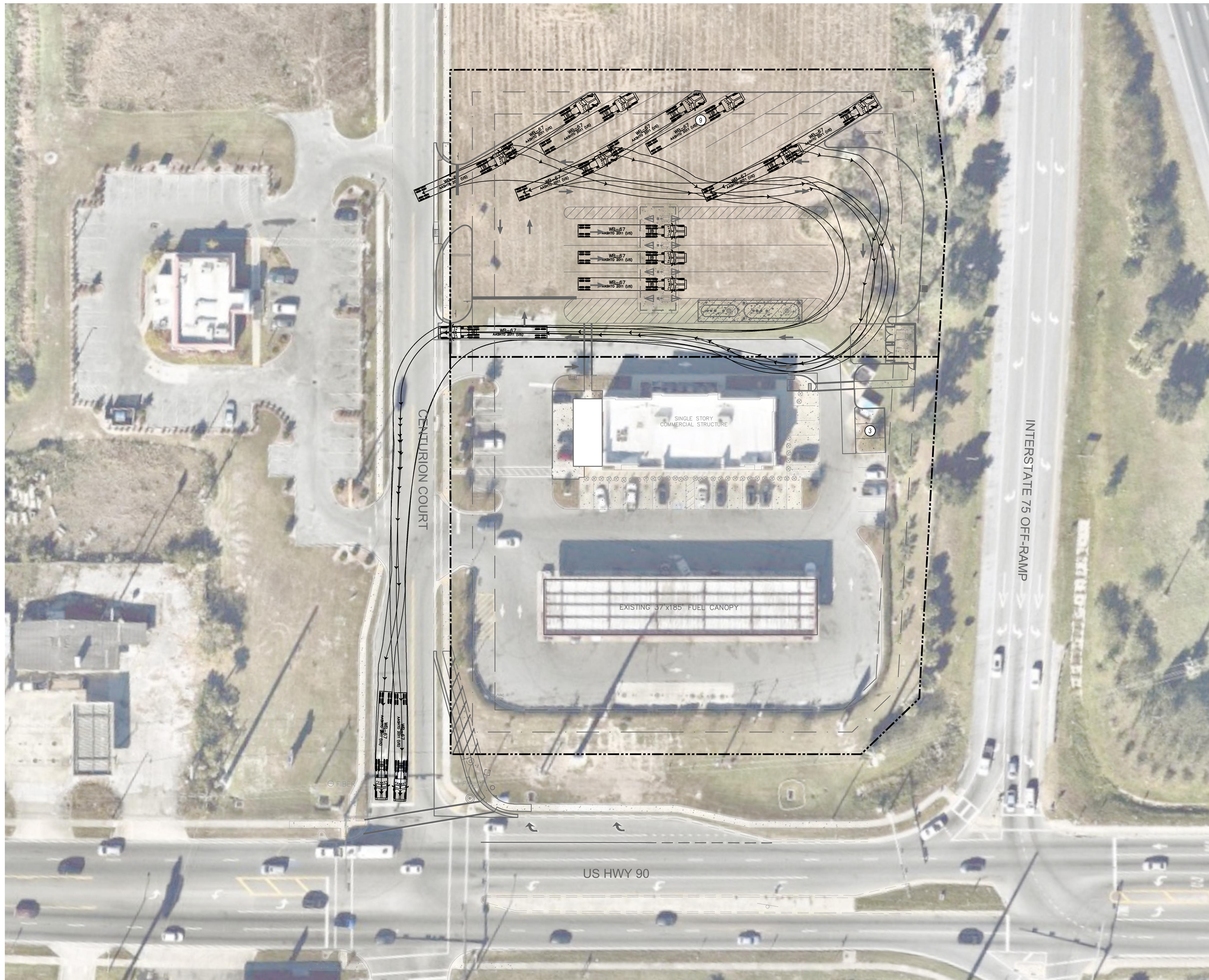
KHA PROJECT	149880040
DATE	05/04/2022
SCALE	AS SHOWN
DESIGNED BY	EJF
DRAWN BY	EJF
CHECKED BY	JCS
JCS DATE	06/08/2022

## TRUCK TURNING MOVEMENTS

## CIRCLE K - US HWY 90 & I-75 FUEL EXPANSION

CITY OF LAKE CITY FLORIDA  
 SHEET NUMBER  
**C4.4**

Plotted By: Parks, Ethan - Sheet Set: CIRCLE K - US HWY 90 & I-75 High Speed Diesel Fuel Expansion - Layout: C4.5 - PARKING TRUCK MOVEMENTS - June 05, 2022 - 04:29:47pm - K:\ORL\_Civil\149880040 - Circle K US90 & I75 CAD\CONSTR\PlanSheets\C4.0 - SITE PLAN.dwg  
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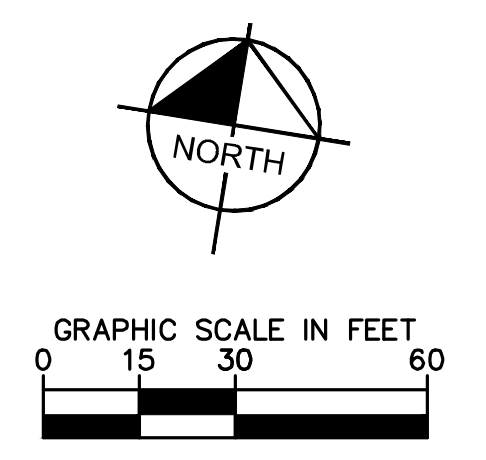
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Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 75.0
Trailer Track	: 8.50		

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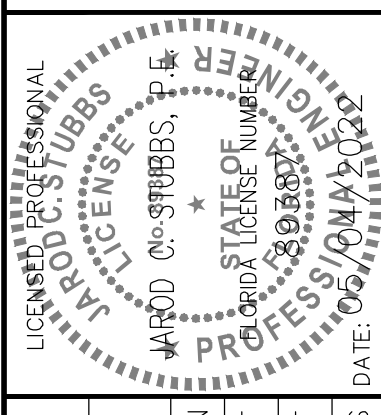
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KHA PROJECT	149880040
DATE	05/04/2022
SCALE	AS SHOWN
DESIGNED BY	EJF
DRAWN BY	EJF
CHECKED BY	JCS
JCS DATE:	06/05/2022

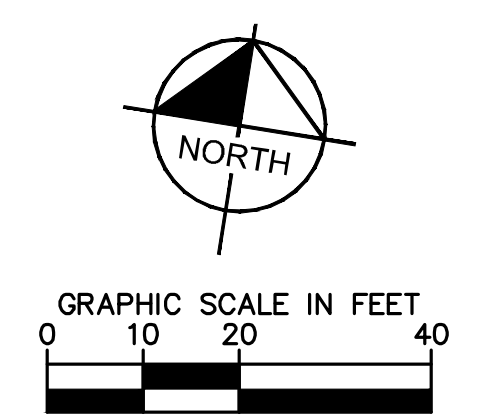
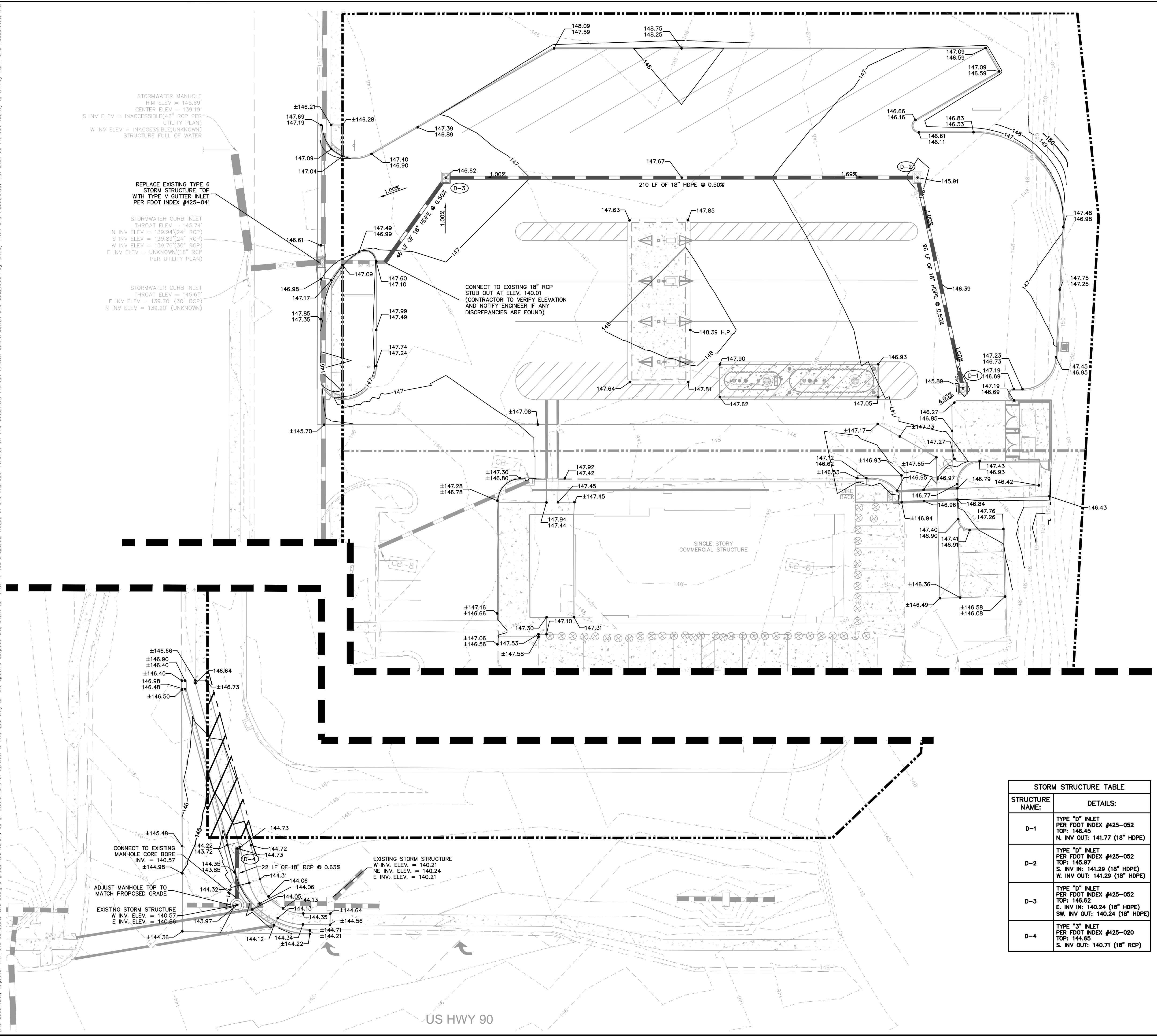
**C4.5 - TRUCK TURNING MOVEMENTS**

**CIRCLE K - US HWY 90 & I-75 FUEL EXPANSION**

CITY OF LAKE CITY FLORIDA

SHEET NUMBER **C4.5**

Plotted By: Parks, Etham - Sheet Set: CIRCLE K - US HWY 90 & I-75 High-Speed Diesel Fuel Expansion - Layout: CS-G PAVING, GRADING AND DRAINAGE PLAN - June 08, 2022 - 04:30:40pm - K:\ORL\_Civil\49880040-Circle K US90 & I75 CADD\CONSTR\PlanSheet\C5.0.dwg - PCD.dwg  
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- NOTES:**
- ALL STORM PIPES LABELED "HDPE" SHALL BE ADS HIGH PERFORMANCE (HP) POLYPROPYLENE STORM SEWER PIPE.
  - CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARDS AND SPECIFICATIONS.
  - PRIVATE CURB RAMPS ON THE SITE (I.E. OUTSIDE PUBLIC STREET RIGHT-OF-WAY) SHALL CONFORM TO ADA STANDARDS AND SHALL HAVE A DETECTABLE WARNING SURFACE THAT IS FULL WIDTH AND FULL DEPTH OF THE CURB RAMP, NOT INCLUDING FLARES.
  - ALL ACCESSIBLE ROUTES, GENERAL SITE AND BUILDING ELEMENTS, RAMPS, CURB RAMPS, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.
  - BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA AND FHA) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESSIBLE ROUTES. IN NO CASE SHALL AN ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL LONGITUDINAL CROSS SLOPE EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.0 PERCENT. ACCESSIBLE PARKING SPACES AND ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0 PERCENT SLOPE IN ANY DIRECTION.
  - CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ADA SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA SLOPE COMPLIANCE ISSUES.
  - ALL PEDESTRIAN SIDEWALKS, PATHWAYS, AND CROSSWALKS SHALL BE CONSTRUCTED NOT TO EXCEED MAX. 2.0% CROSS SLOPE, MAX. 5.0% RUNNING SLOPE.
  - ALL HANDICAP ACCESSIBLE PARKING SPACES SHALL BE CONSTRUCTED NOT TO EXCEED MAX. 2.0% CROSS SLOPE IN ALL DIRECTIONS.
  - PROPOSED GRADES TO MATCH EXISTING ELEVATIONS AT PROPERTY LINE
  - CONTRACTOR TO FIELD VERIFY ELEVATIONS AT ALL EXISTING SIDEWALK AND ROAD CONNECTION POINTS WITH ENGINEER OF RECORD BEFORE CONSTRUCTION OF ANY IMPROVEMENTS.
  - FOR EROSION CONTROL NOTES REFER TO SHEET C2.0.
  - ALL DRAINAGE PIPES SHALL BE FILTER FABRIC WRAPPED PER FDOT STANDARD PLAN #430-001.
  - CONTRACTOR TO ENSURE ADEQUATE COVER REMAINS OVER ALL EXISTING UTILITIES.
  - CONTRACTOR TO VERIFY EXISTING COVER OVER ALL UTILITIES BEFORE START OF CONSTRUCTION AND TO COORDINATE WITH THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION IF DESIGN DOES NOT PROVIDE 36" COVER.
  - ALL EXISTING VALVES, BOXES, MANHOLE LIDS, COVERS, AND SIMILAR APPURTENANCES MUST BE ADJUSTED ACCORDINGLY TO MATCH FINISHED GRADE.
  - ALL PAVEMENT MUST BE SOURCED FROM AN FDOT APPROVED PLANT.

STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D-1	TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 146.45 N. INV. OUT: 141.77 (18" HDPE)
D-2	TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 145.97 S. INV. IN: 141.29 (18" HDPE) W. INV. OUT: 141.29 (18" HDPE)
D-3	TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 146.62 E. INV. IN: 140.24 (18" HDPE) SW. INV. OUT: 140.24 (18" HDPE)
D-4	TYPE "3" INLET PER FDOT INDEX #425-020 TOP: 144.65 S. INV. OUT: 140.71 (18" RCP)

**LEGEND**

- PROPERTY LINE
- PROPOSED STORM PIPE
- ⊙ PROPOSED STORM MANHOLE
- ⊠ PROPOSED STORM INLET
- XX.XX PROPOSED ELEV. TOP OF CURB
- XX.XX PROPOSED ELEV. BOT. OF CURB
- XX.XX PROPOSED SPOT ELEVATION
- EXISTING STORM PIPE
- ⊙ EXISTING STORM MANHOLE
- ⊠ EXISTING STORM INLET

**VERTICAL DATUM:**  
 ELEVATIONS ARE REFERENCED TO PLAT BENCHMARKS AS SHOWN ON THE FACE OF THE PLAT OF GATEWAY CROSSING REPLAT OF LOTS 2 AND 3, PLAT BOOK 9, PAGE 151

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SUNSHINE STATE ONE CALL OF FLORIDA, INC.

CIRCLE K - US HWY 90 & I-75 FUEL EXPANSION

CITY OF LAKE CITY FLORIDA

SHEET NUMBER C5.0

149880040

DATE 05/04/2022

SCALE AS SHOWN

DESIGNED BY E.J.F.

DRAWN BY E.J.F.

CHECKED BY J.C.S.

**Kimley»Horn**

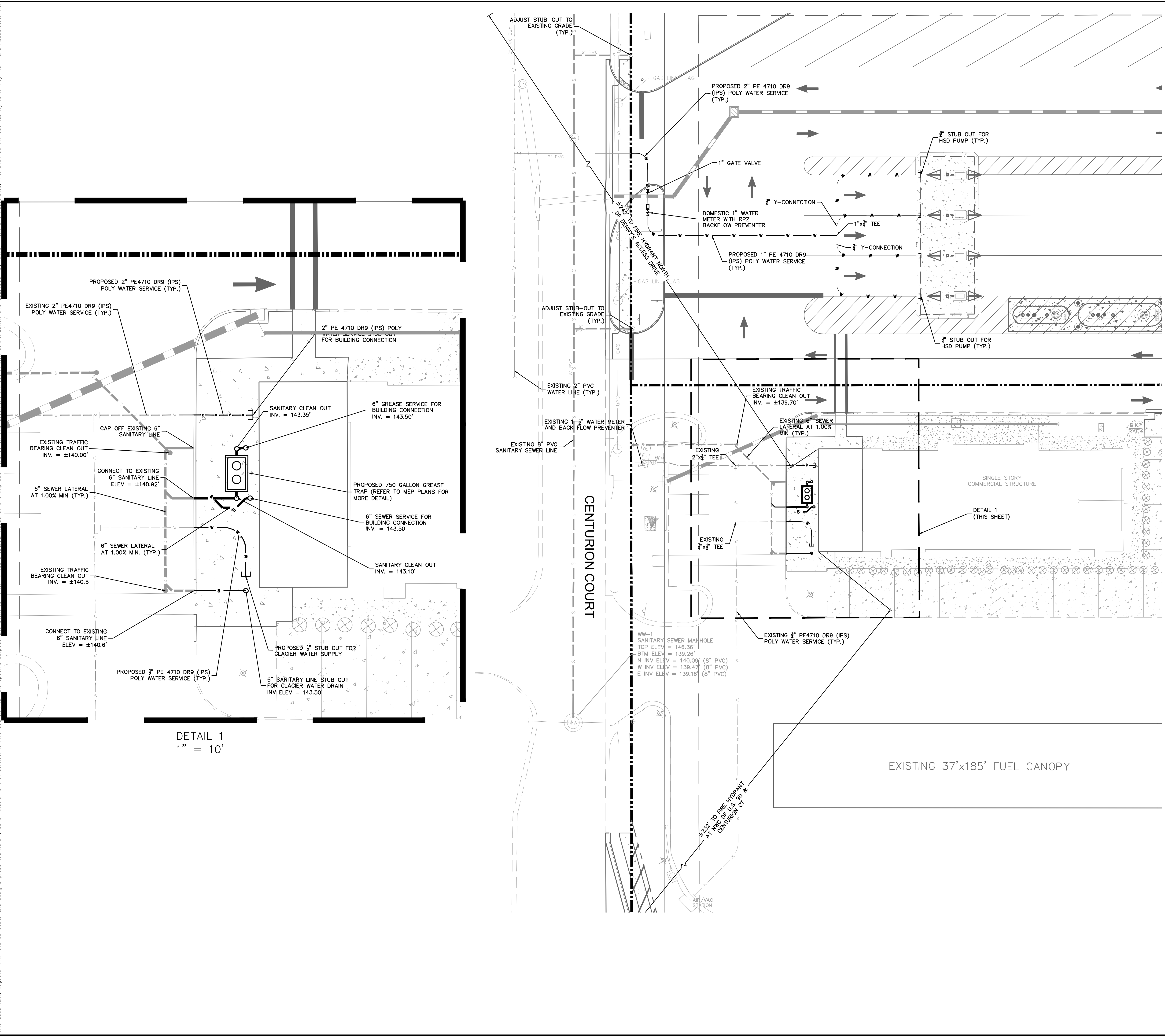
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 PHONE: 407-898-1511  
 WWW.KIMLEY-HORN.COM REGISTRY No. 35106

NO. \_\_\_\_\_

REVISIONS \_\_\_\_\_

DATE \_\_\_\_\_

Plotted By: Parks, Etham - Sheet Set: CIRCLE K - US HWY 30 & I-75 High-Speed Diesel Fuel Expansion - Layout: CEG UTILITY PLAN - June 08, 2022 - 04:30:24pm - K:\ORL\_CAD\149880040-Circle K USRD & 75VACADD\CONSTR\PlanSheets\C6.0 - UTILITIES PLAN.dwg  
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- NOTES:**
- ALL ON-SITE UTILITIES SHALL BE PRIVATELY OWNED AND MAINTAINED.
  - MAINTAIN A MINIMUM OF 3-FT OF COVER OVER ALL PROPOSED WATER LINES AND 4-FT MINIMUM OF COVER FOR WASTEWATER LINES.
  - REFER TO ADDITIONAL UTILITY NOTES AND DETAILS ON SHEETS C1.0 AND C7.0.
  - ALL WATER MAINS, AND DOMESTIC LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF LAKE CITY UTILITY STANDARDS.
  - BEDDING AND BACKFILL SHALL BE INSTALLED PER CITY OF LAKE CITY. GRANULAR BACKFILL IS REQUIRED UNDER PAVEMENT AND WITHIN 5 FEET OF PAVEMENT.
  - ALL SANITARY SEWER LINES SHALL BE GREEN C-900 PVC MEETING, ASTM D-3034 SDR 26.
  - CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
  - ALL ELECTRIC AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
  - CONTRACTOR TO CALL "SUNSHINE STATE ONE CALL OF FLORIDA" (1-800-432-4770) TO COORDINATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE ORDERING MATERIALS OR COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
  - PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND THE OWNER/ DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION. CITY OF LAKE CITY SHALL BE NOTIFIED OF ANY AND ALL CHANGES TO THE DESIGN PLANS.
  - CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED TO ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
  - CONTRACTOR TO AVOID DISRUPTION OF ANY ADJACENT TENANT'S TRAFFIC OPERATIONS, TO THE MAXIMUM EXTENT, DURING INSTALLATION OF UTILITIES. IF TRAFFIC IS TO BE OBSTRUCTED CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL PLAN WITH THE LOCAL MUNICIPALITY.
  - ALL DIMENSIONS ARE TO CENTERLINE OF PIPE OR CENTER OF MANHOLE UNLESS NOTED OTHERWISE.
  - SEE PLUMBING PLANS FOR EXACT UTILITY CONNECTION LOCATIONS AT BUILDING.
  - LIGHT POLES SHOWN FOR COORDINATION PURPOSES ONLY AND DO NOT REPRESENT ACTUAL SIZE. SEE SITE LIGHTING PLANS BY OTHERS FOR MORE INFORMATION.
  - ELECTRIC, TELEPHONE, AND OTHER DRY UTILITIES SHALL BE PLACED WITHIN CONDUIT, MEETING PRIVATE UTILITY STANDARDS, WHEN ROUTE CROSSES PAVED DRIVES AND PARKING AREAS.
  - ALL UNDERGROUND WATER MAINS AND HYDRANTS SHALL BE INSTALLED, COMPLETED AND IN SERVICE PRIOR TO ANY COMBUSTIBLES BEING BROUGHT ON-SITE.
  - CONTRACTOR TO ENSURE ADEQUATE COVER REMAINS OVER ALL EXISTING UTILITIES.
  - CONTRACTOR TO VERIFY EXISTING COVER OVER ALL UTILITIES BEFORE START OF CONSTRUCTION AND TO COORDINATE WITH THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION IF DESIGN DOES NOT PROVIDE 36" COVER.
  - ALL ELECTRIC, CABLE, AND TELECOMMUNICATION UTILITIES FOR BUILDING SERVICE TO BE INSTALLED UNDERGROUND.

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**UTILITY PLAN**

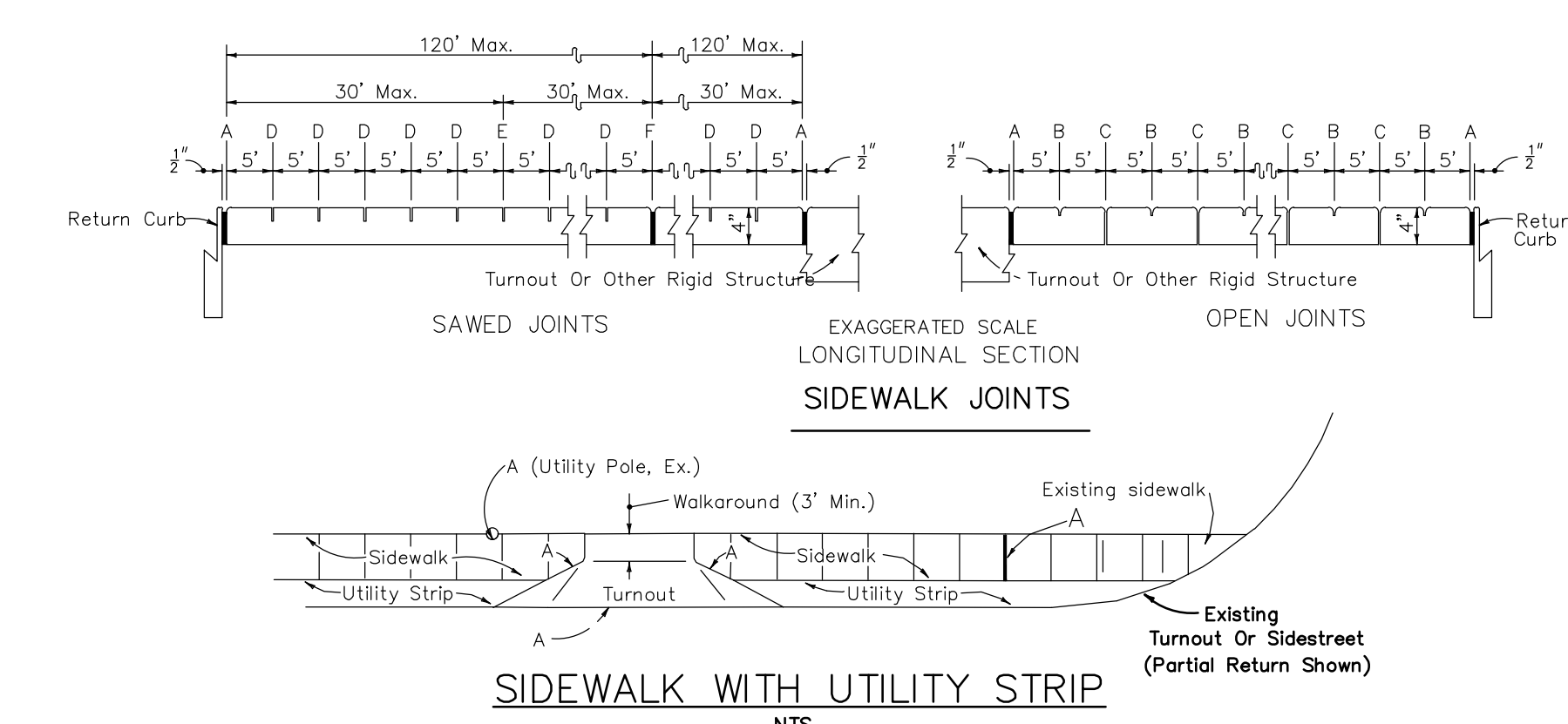
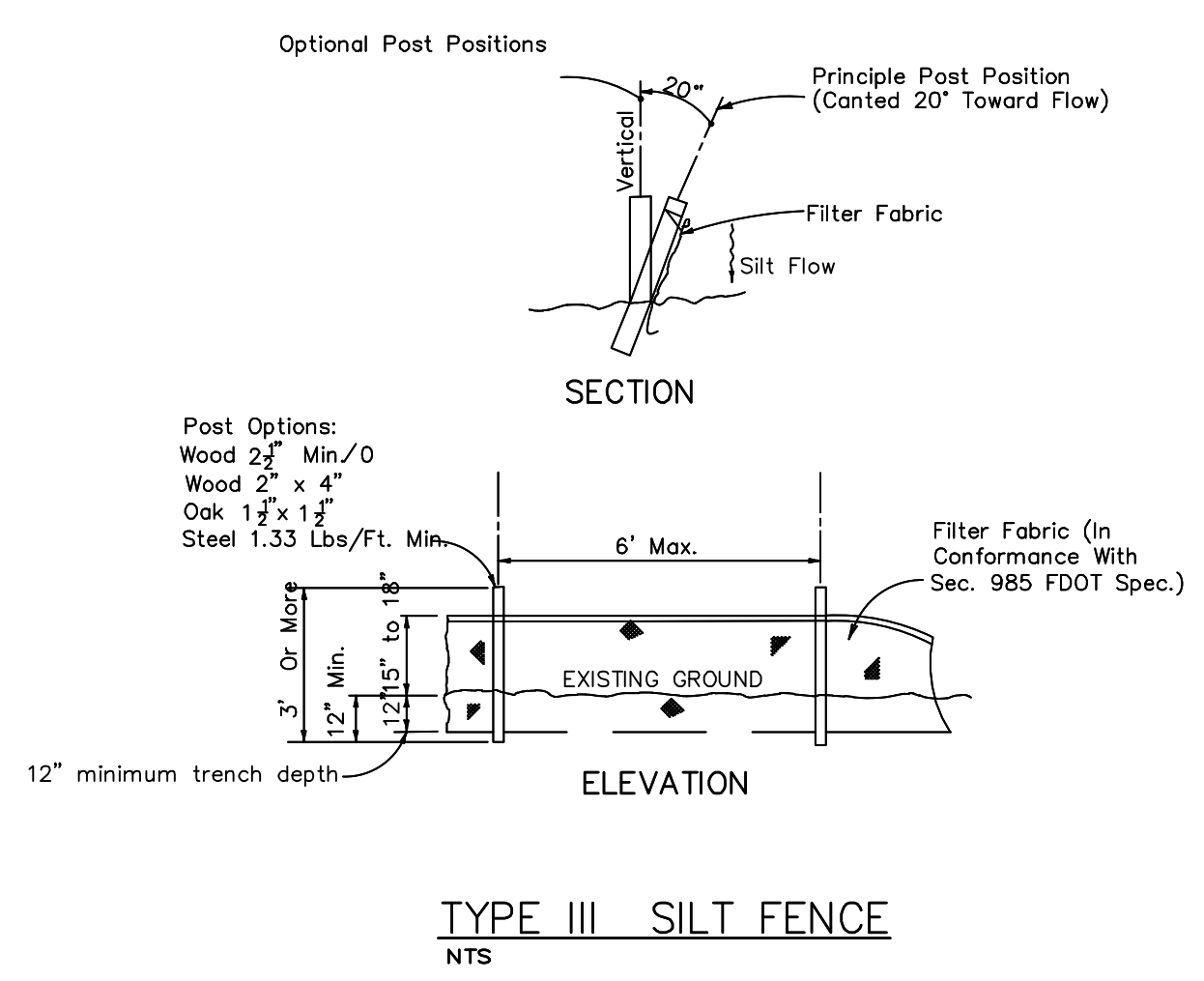
CIRCLE K - US HWY 30 & I-75 FUEL EXPANSION

CITY OF LAKE CITY FLORIDA

SHEET NUMBER **C6.0**

NO.	REVISIONS	DATE	BY

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**JOINT LEGEND**

- A - 1/2" EXPANSION JOINTS (PERFORMED JOINT FILLER)
- B - 1/2" DUMMY JOINTS, TOOLED
- C - 1/2" FORMED OPEN JOINTS
- D - 1/8" SAW CUT JOINTS, 1/4" DEEP (96 HOUR) MAX. 5' CENTERS
- E - 1/8" SAW CUT JOINTS, 1/4" DEEP (12 HOUR) MAX. 30' CENTERS
- F - 1/2" EXPANSION JOINT WHEN RUN OF SIDEWALK EXCEEDS 120'
- G - COLD JOINT WITH BOND BREAKER, TOOLED

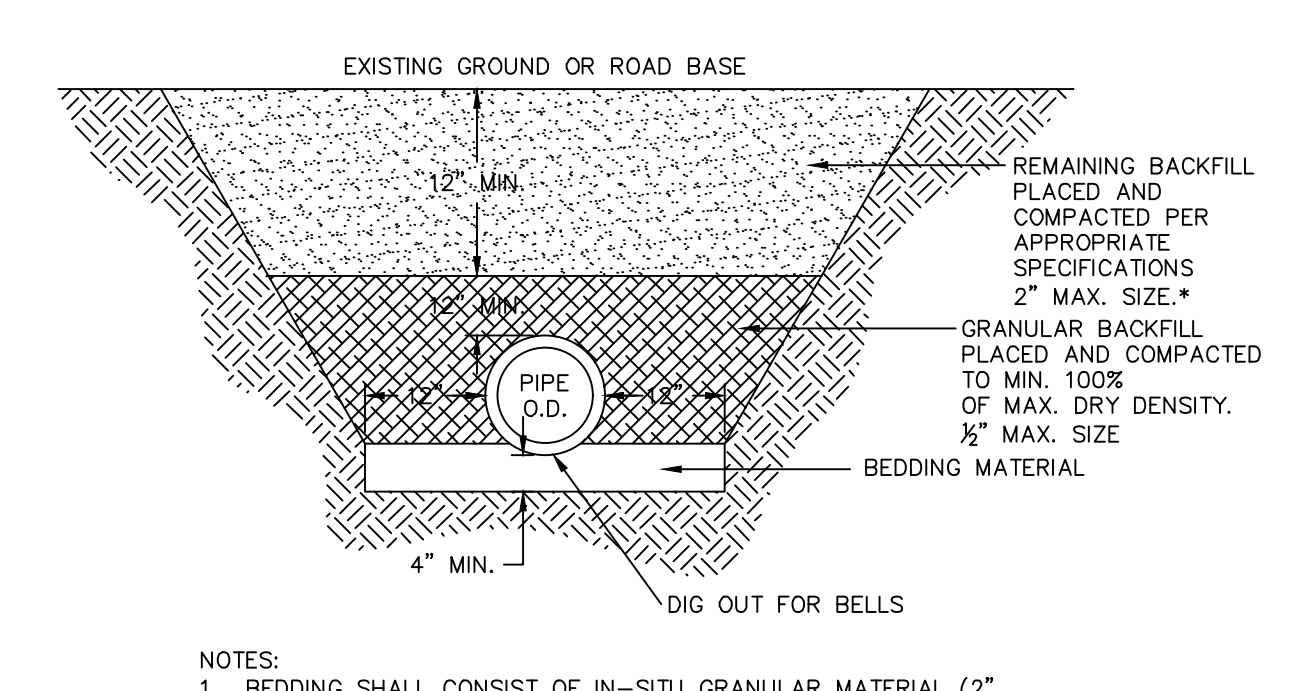
**FOOTNOTES:**

- ALL 1/2" JOINTS SHALL BE CONSTRUCTED WITH PREFORMED JOINT FILLER.
- \* 1/8" OPEN JOINTS PLACED AT EQUAL (20' MAX.) INTERVALS FOR DRIVEWAYS OVER 20' WIDE. JOINTS IN CURB AND GUTTER TO MATCH JOINTS IN DRIVEWAYS.
- Ø DRIVEWAYS (6" CONCRETE) SHALL BE OF A UNIFORM WIDTH (W) AS SHOWN ON SHT. P-1.

**GENERAL NOTES**

SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION NO. 522 EXCEPT FOR CURB CUT RAMP RUNS WHICH SHALL BE FINISHED IN ACCORDANCE WITH FDOT INDEX 522-002.

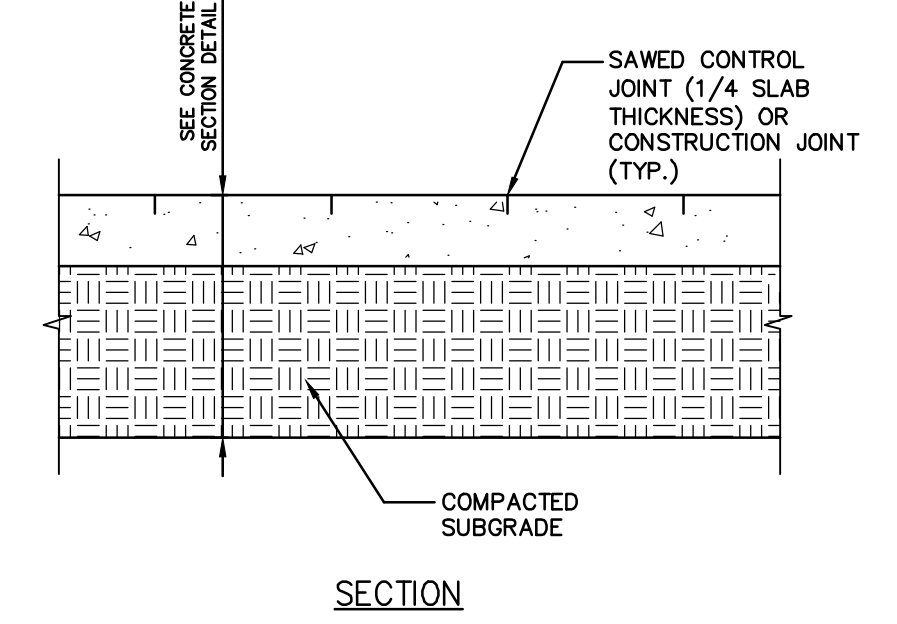
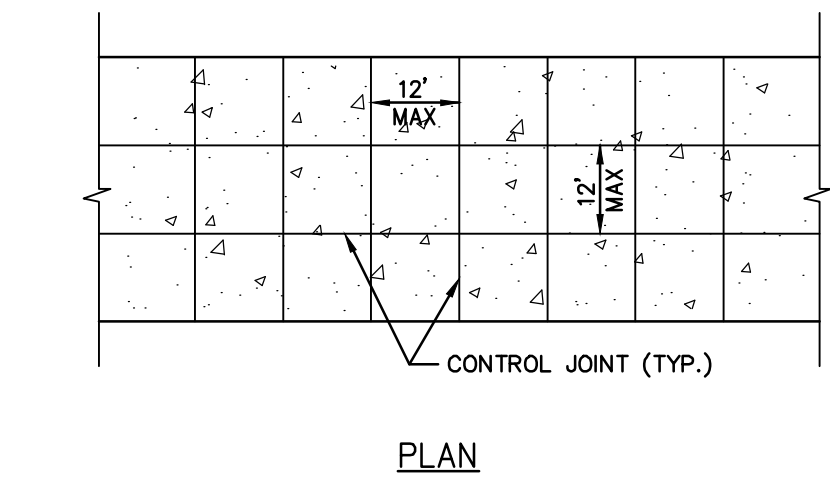
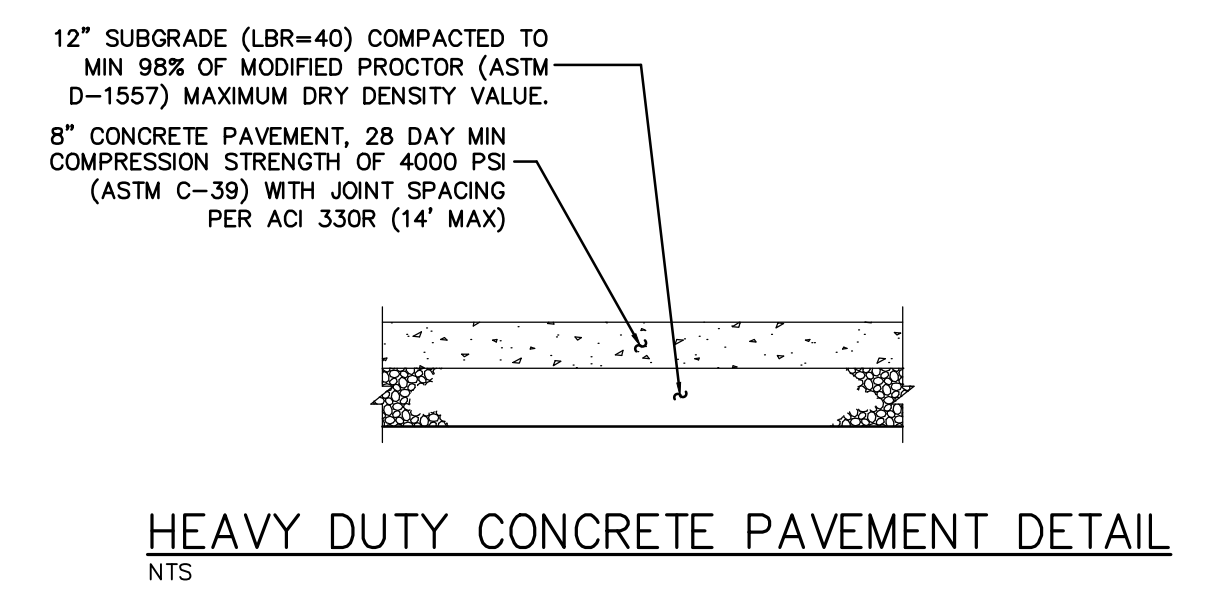
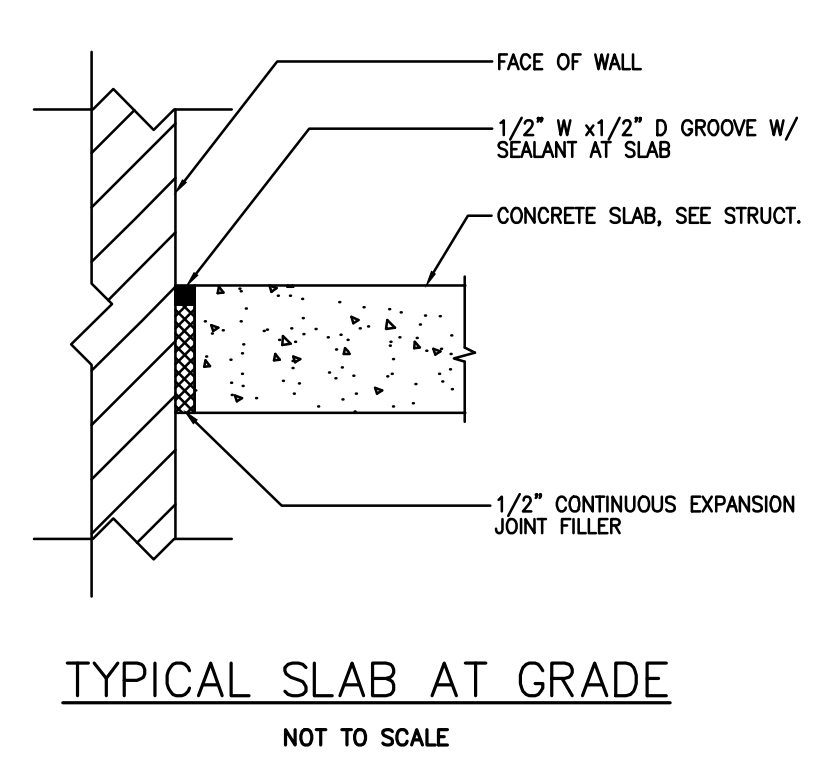
BOND BREAKER MATERIAL CAN BE ANY IMPERMEABLE COATED OR SHEET MEMBRANE OR PREFORMED MATERIAL HAVING A THICKNESS OF NOT LESS THAN 6 MILS NOR MORE THAN 1/2".



**NOTES:**

- BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL (2" MAX. SIZE). UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCK SHALL BE REMOVED.
- THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
- THE PIPE SHALL BE PLACED IN A DRY TRENCH.
- BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGER ROCK, MUCK AND DEBRIS.
- ALL WORK SHALL CONFORM TO STATE OF FLORIDA TRENCH SAFETY ACT.

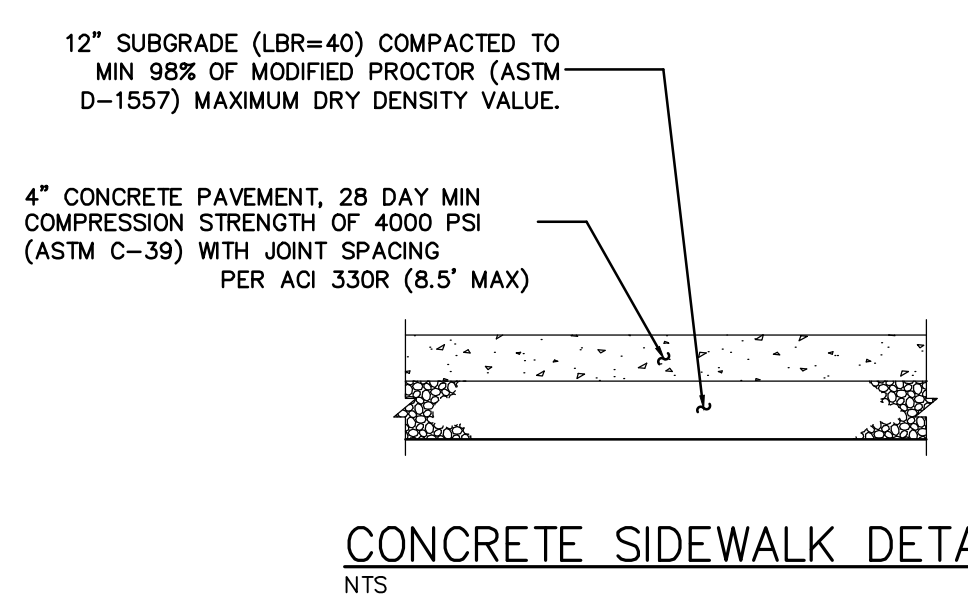
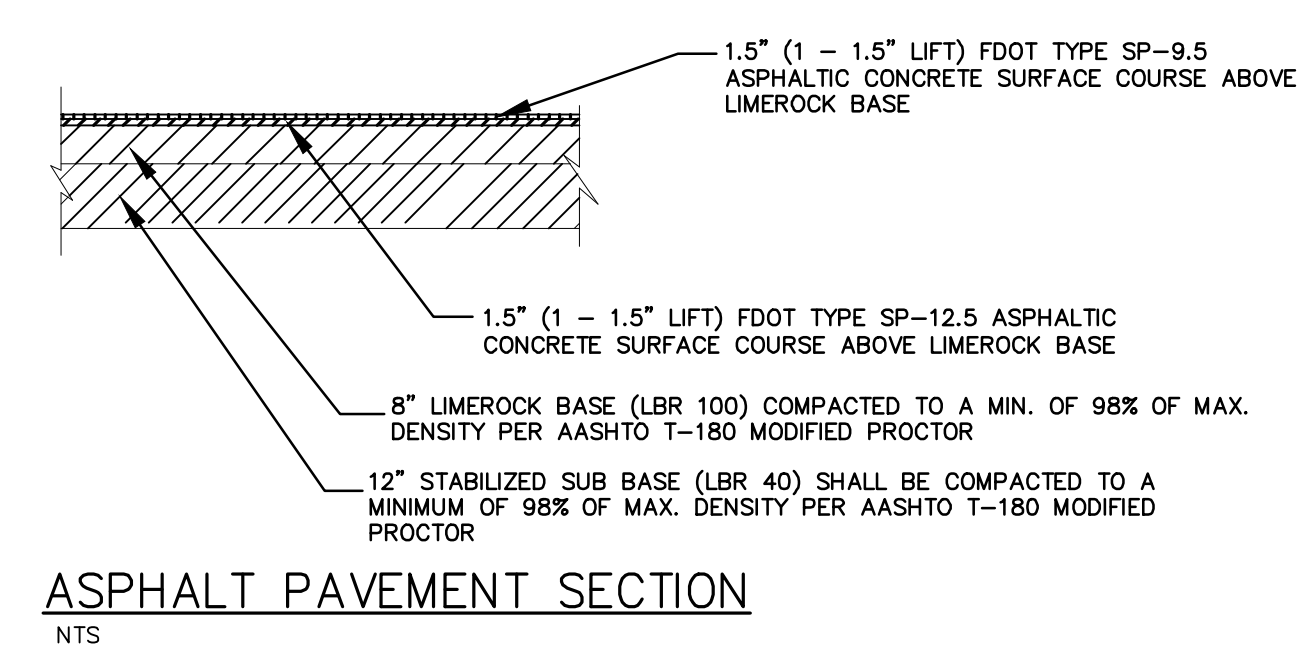
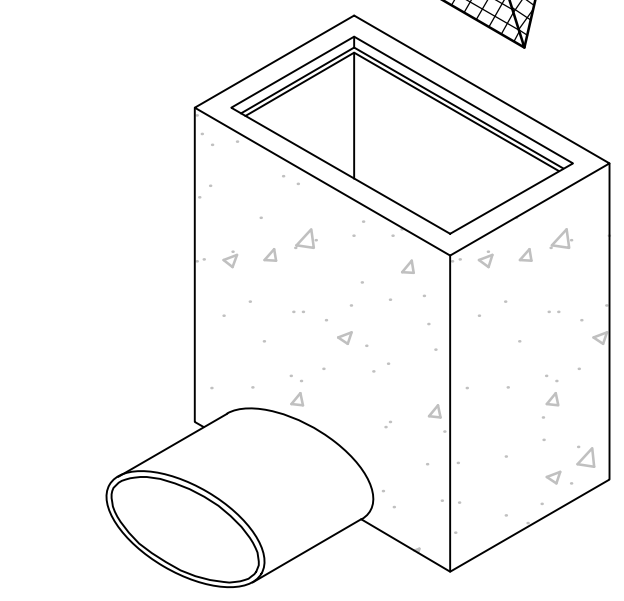
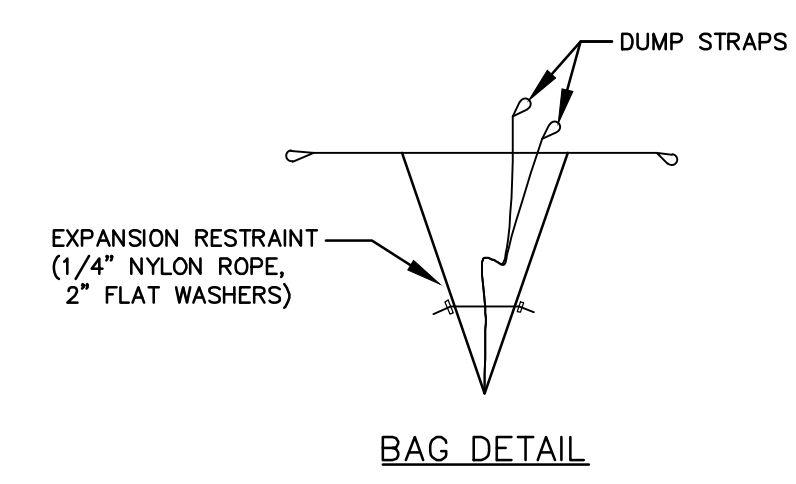
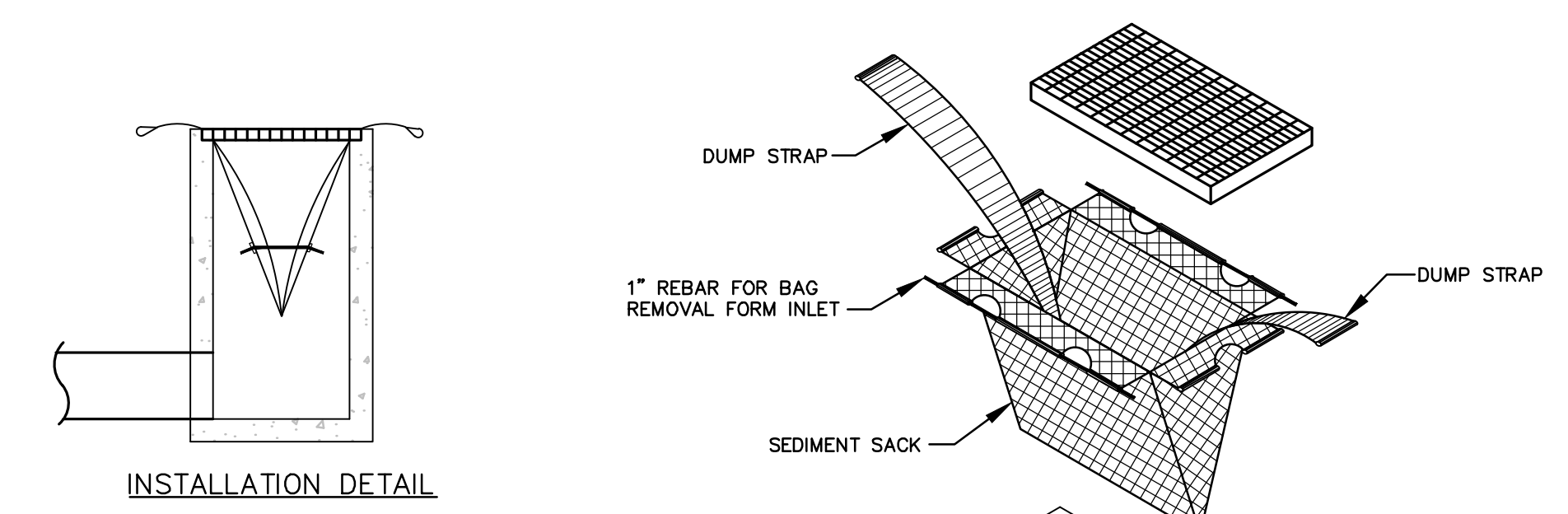
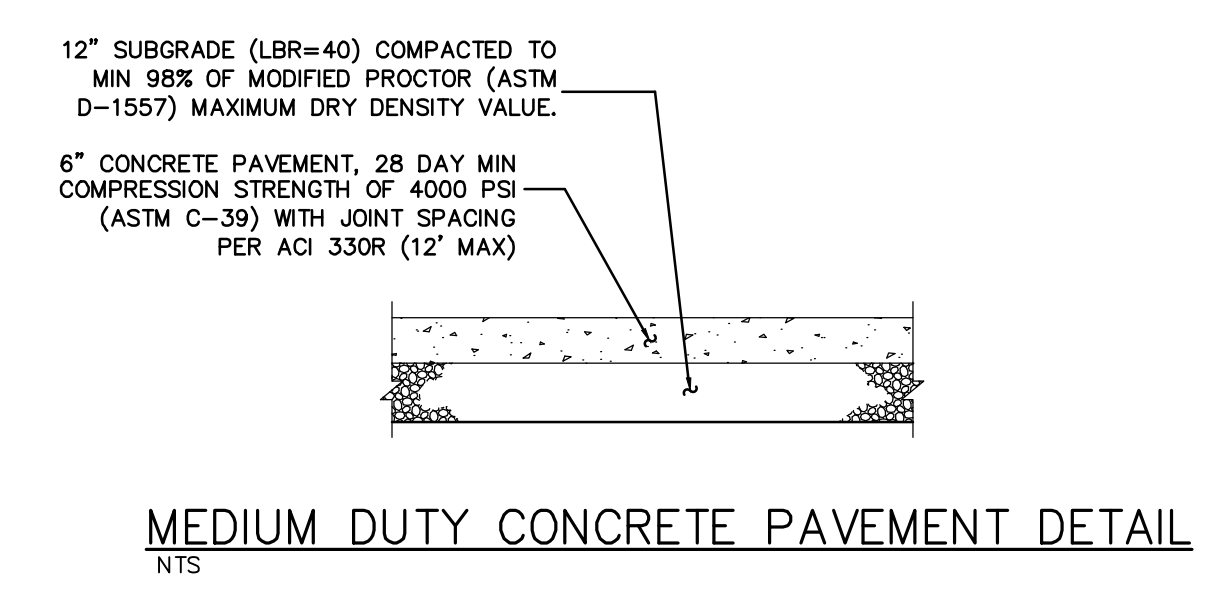
\* COMPACT TO 98% OF AASHTO T-180 MAXIMUM DRY DENSITY UNDER EXISTING AND PROPOSED PAVEMENT AREAS. COMPACT TO 95% ON ALL OTHER AREAS UNLESS OTHERWISE NOTED..



**NOTES:**

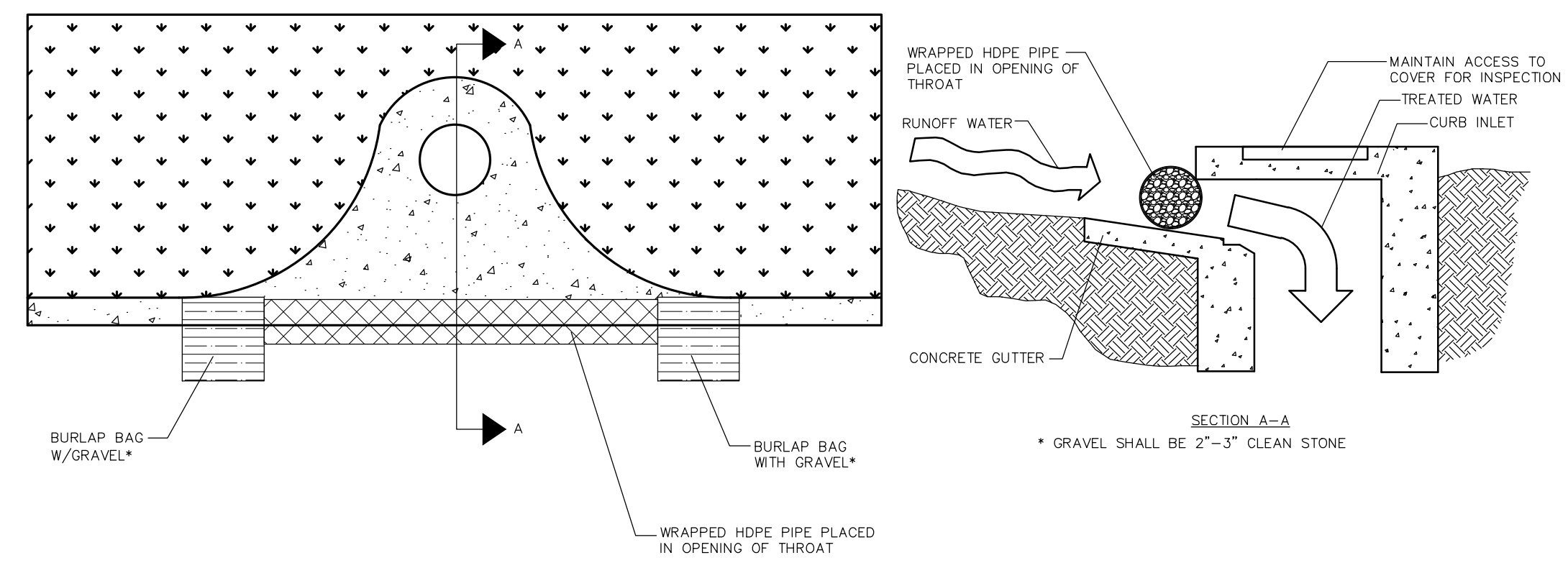
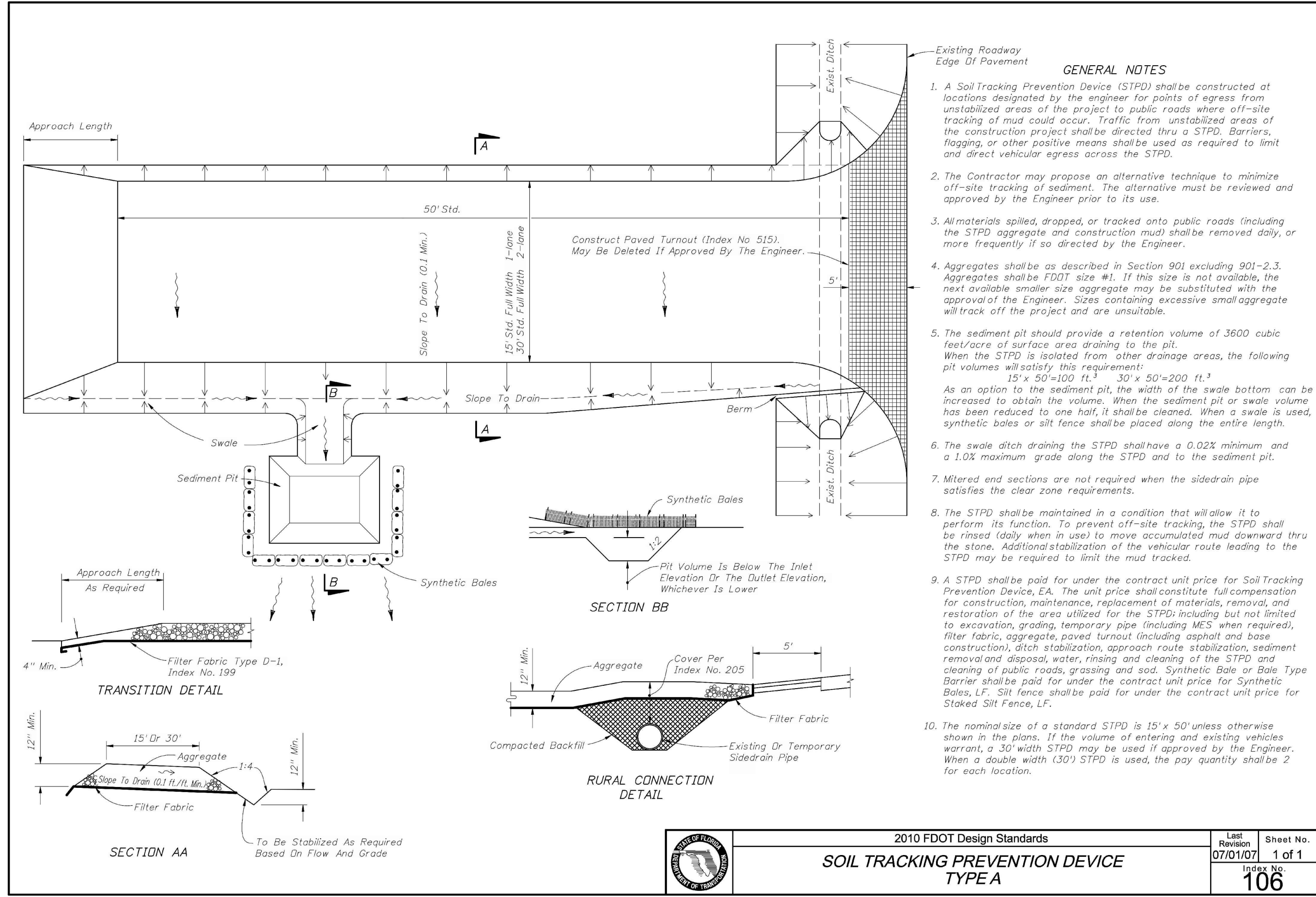
- LONGITUDINAL AND TRANSVERSE JOINTS SHALL BE SAWED AS INDICATED.
- THE JOINT SEAL MANUFACTURER'S SPECIFICATIONS SHALL BE COMPATIBLE WITH THE JOINT CONFIGURATION. PROVIDE TYPICAL DETAILS FOR CONSTRUCTION AND EXPANSION JOINTS.
- FOR ALL JOINTS THE BACKER ROD MATERIAL SHALL BE COMPATIBLE WITH THE COLD POURD SEALANT AND SLIGHTLY OVERSIZED TO PREVENT MOVEMENT DURING THE JOINT SEALANT OPERATION.
- THE WIDTH OF ALL JOINTS SHALL BE CORRECTED FOR 68 DEGREE (F).
- EXPANSION JOINTS SHALL BE USED AT ALL LOCATIONS WHERE PAVEMENT ABUTS A PERMANENT STRUCTURE.
- DOWELS AND TIE BARS FOR CONSTRUCTION JOINTS SHALL BE CAST IN PLACE.

**CONCRETE JOINTING AND REINFORCING DETAIL**  
NOT TO SCALE



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No.	Description	DATE	BY						
<p><b>GENERAL CONSTRUCTION DETAILS</b></p>	<p>CITY OF LAKE CITY, FLORIDA</p>								
<p><b>CIRCLE K - US HWY 90 &amp; I-75 FUEL EXPANSION</b></p>	<p>SHEET NUMBER <b>C7.0</b></p>								

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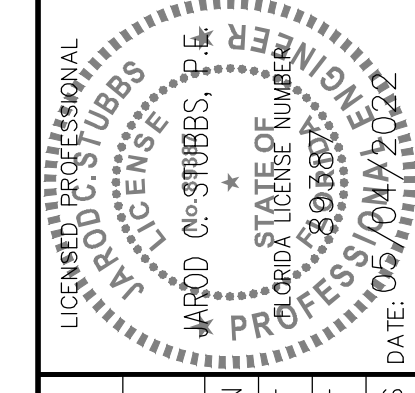
**SOCK DRAIN INLET SEDIMENT FILTER**

**NTS**  
 NOTE: THE PERFORATED PIPE MUST EXTEND AT LEAST 1' BEYOND THE CURB OPENING ON EACH SIDE AND BE ANCHORED WITH GRAVEL BAGS, OR SIMILAR, ON EACH END. A SPACER MUST BE PROVIDED FOR BETWEEN THE INLET OPENING AND THE PIPE TO ALLOW FOR OVERFLOW, PREVENT FLOODING AND TO PREVENT THE PIPE FROM FALLING INTO THE INLET.

2010 FDOT Design Standards		Sheet No.
SOIL TRACKING PREVENTION DEVICE TYPE A		1 of 1
Index No.		106

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KHA PROJECT	149880040
DATE	05/04/2022
SCALE	AS SHOWN
DESIGNED BY	EJF
DRAWN BY	EJF
CHECKED BY	JCS

**GENERAL CONSTRUCTION DETAILS**

**CIRCLE K - US HWY 30 & I-75 FUEL EXPANSION**  
 CITY OF LAKE CITY    FLORIDA



