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Parcel ID. Number

COLUMBIA COUNTY SHERIFF'S DEPARTMENT
4917 E. US HIGHWAY 90
LAKE CITY, FLORIDA 32055
PHONE: 386-752-9212

DEWBERRY ENGINEERS INC.
800 NORTH MAGNOLIA AVENUE
SUITE 1000
ORLANDO, FLORIDA 32803
CONTACT: CHRISTOPHER J ALLEN, P.E.
PHONE: 321-359-9739

DEWBERRY
131 WEST KALEY STREET
ORLANDO, FLORIDA 32806
CONTACT: WILLIAM D. DONLEY, PLS
PHONE: 407-843-5120

AMERICAN INFRASTRUCTURE DEVELOPMENT, INC.
3810 NORTHDAL E BOULEVARD
SUITE 170
TAMPA, FLORIDA 33624
CONTACT: NABIL O. HMEIDI, P.E.
PHONE: 813-374-2200



SITE LOCATION

THIS IS TO CERTIFY THAT THE ROADWAY CONSTRUCTION PLANS AND SPECIFICATIONS AS CONTAINED HEREIN WERE DESIGNED TO APPLICABLE STANDARDS AS SET FORTH IN THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" AS PREPARED BY FLORIDA DEPARTMENT OF TRANSPORTATION.

333 NW QUINTEN STREET
LAKE CITY FL 32055

FL PE # 77719
7/23/2020

SEAL


PROJECT #	50101397
DRAWN BY	TFS
APPROVED BY	CJA
CHECKED BY	RM
DATE	JULY 2020
DATUM	NAVD 88

TITLE

CIVIL COVER SHEET

SHEET NO

CO-



Dewberry

Dewberry Engineers Inc.

800 NORTH MAGNOLIA AVE
SUITE 1000
ORLANDO, FL 32803
PHONE: 407-843-1100
ENGINEERING BUSINESS - 8794

COLUMBIA COUNTY
DETENTION FACILITY

533 NW QUINTEEN STREET
LAKE CITY, FL 32055

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Christopher J. Allen
P.E.
7/23/2020

REVISIONS			
0	7-24-20		PERMIT SET
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No.	DATE	BY	Description

PROJECT #

DRAWN BY

APPROVED BY

CHECKED BY

DATE

DATUM

50101397

TFS

CJA

RM

JULY 2020

NAVD 88

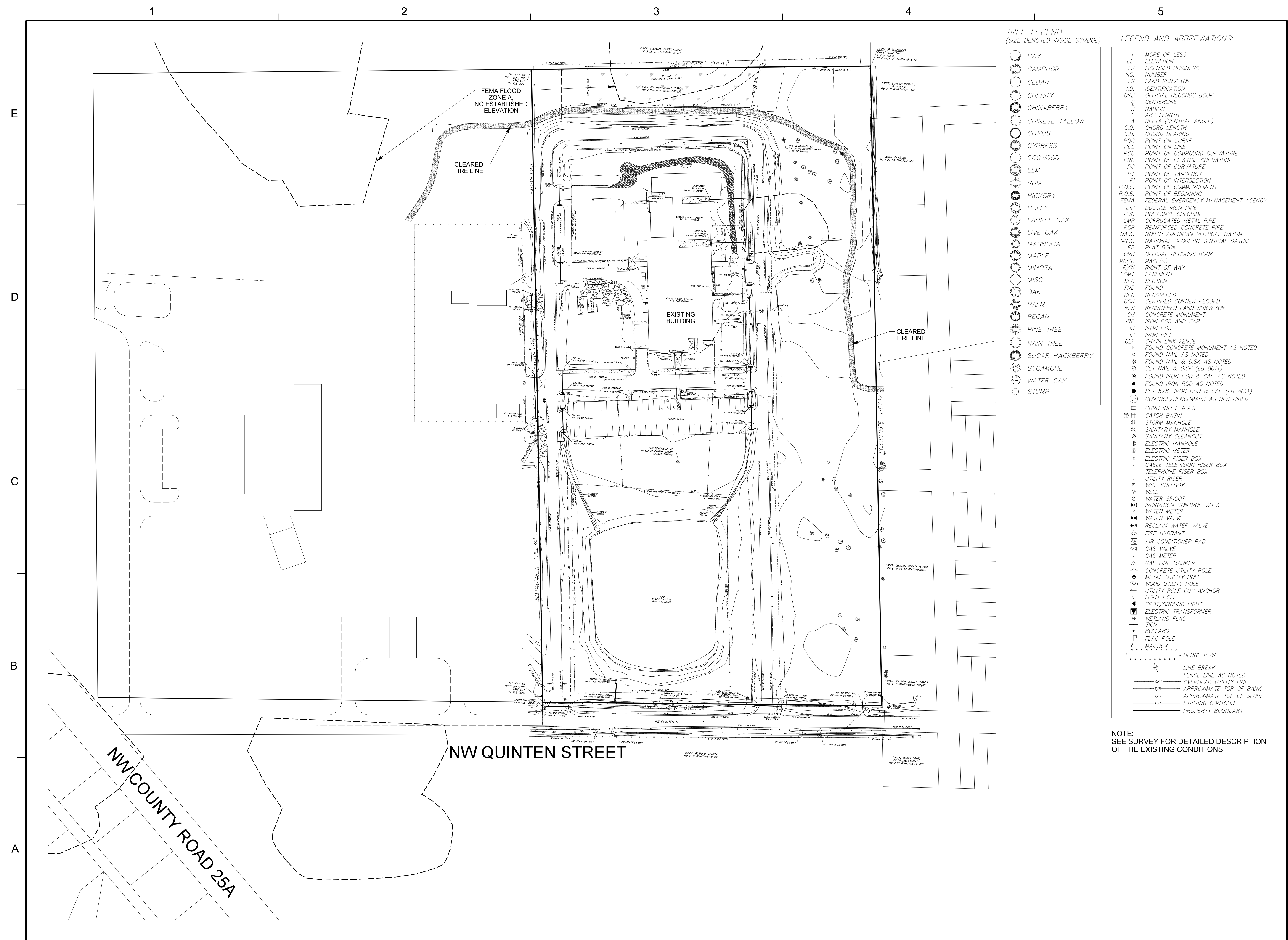
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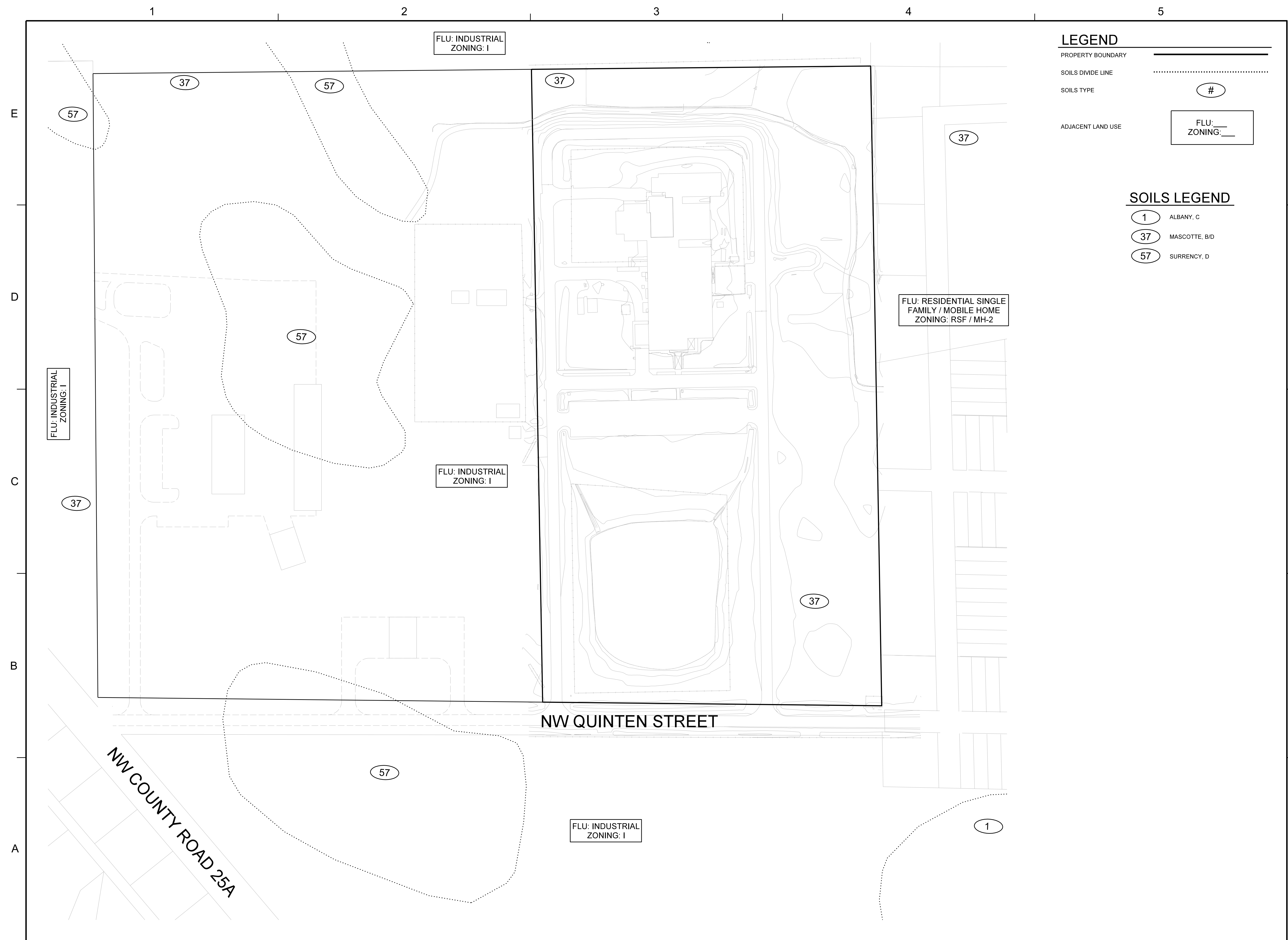
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NOTES

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SHEET NO.

C03





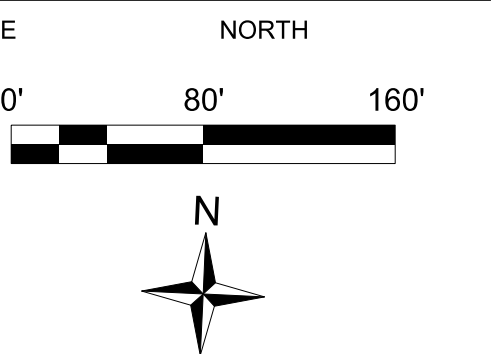
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800 NORTH MAGNOLIA AVE
SUITE 1000
ORLANDO, FL 32803
PHONE: 407.843.5120
ENGINEERING BUSINESS -8794

**COLUMBIA COUNTY
DETENTION FACILITY**

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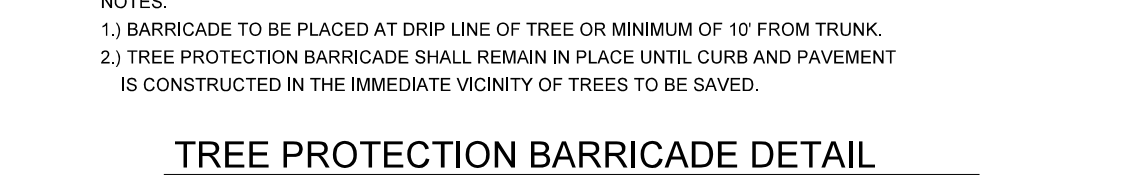
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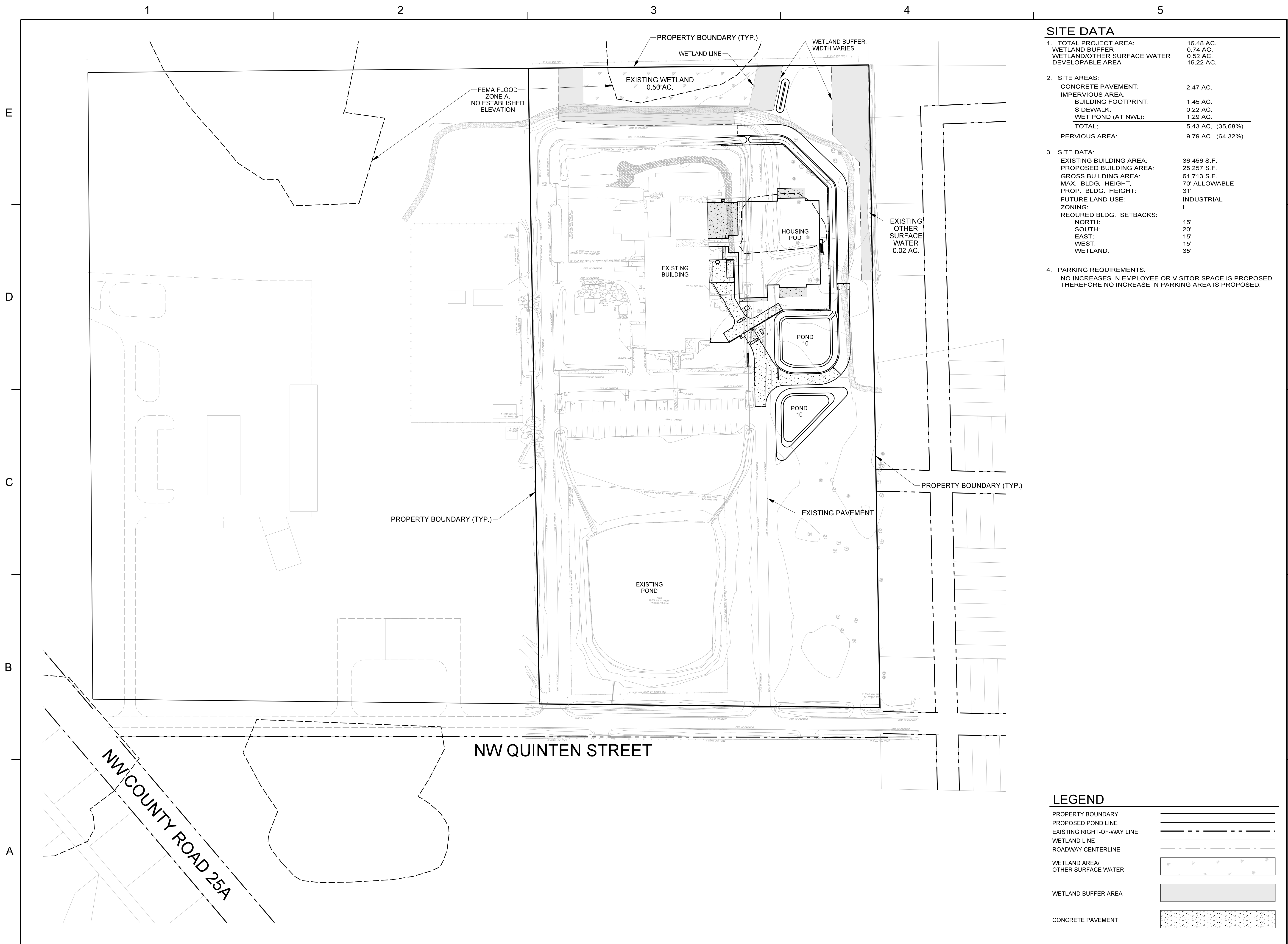
SOILS & ZONING MAP

PROJECT: Q:\CCDC-1_50101397\CAD\Civil\Final\hgn

SHEET NO.

C05





Dewberry Engineers Inc.
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SUITE 1000
ORLANDO, FL 32803
PHONE: 407.843.5120
ENGINEERING BUSINESS #794

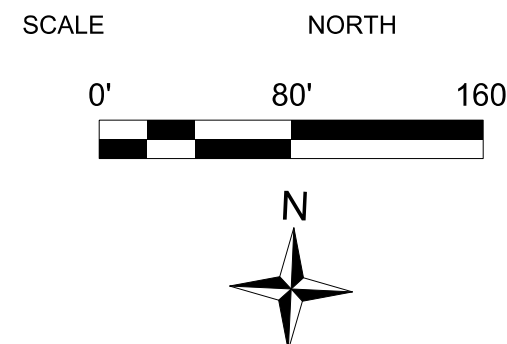
COLUMBIA COUNTY
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BOARD OF COUNTY
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Christopher J. Allen
FL PE # 77719
7/23/2020



REVISIONS			
No.	DATE	BY	Description
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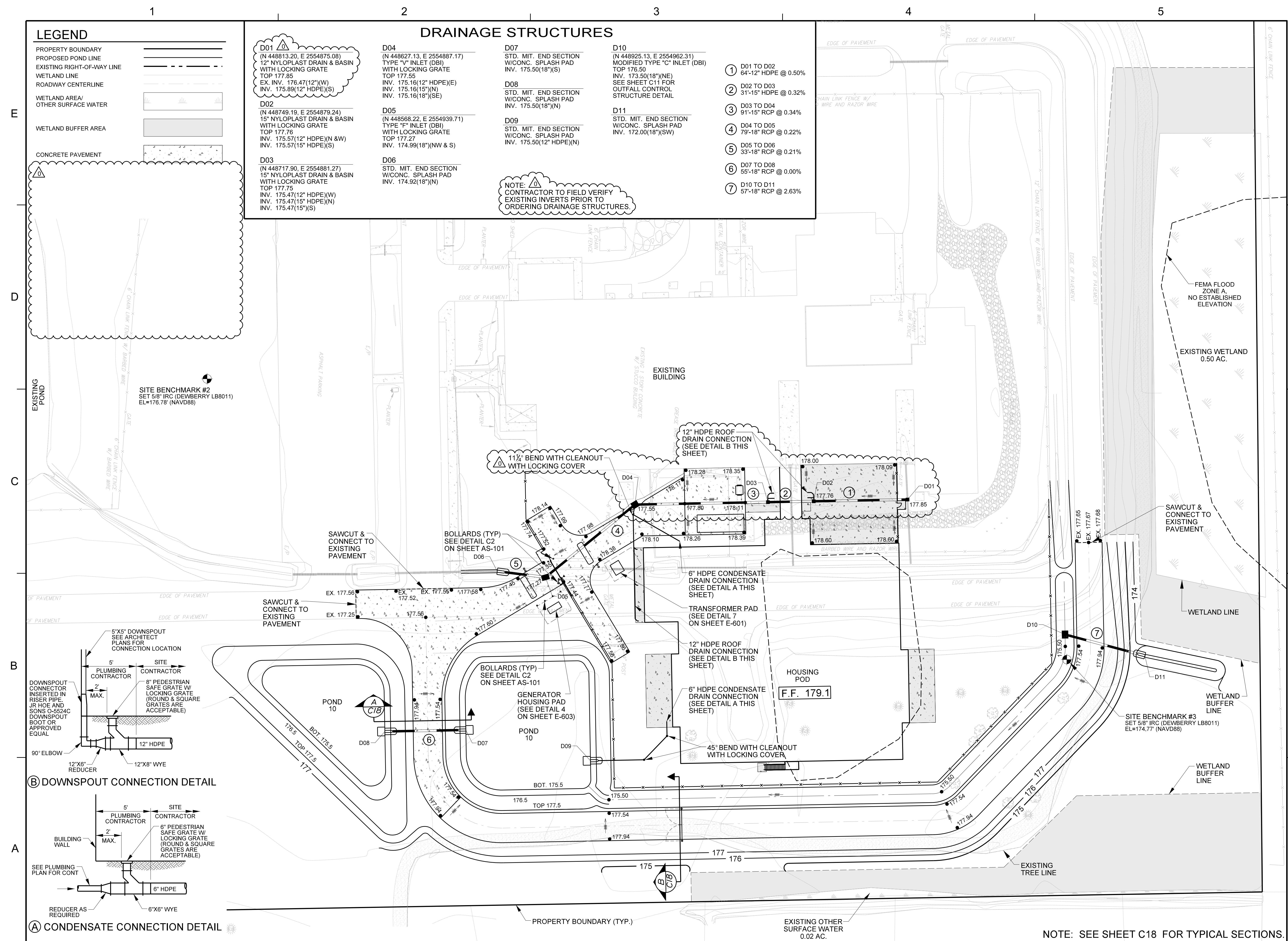
PROJECT # 50101397
DRAWN BY TFS
APPROVED BY CJA
CHECKED BY RM
DATE JULY 2020
DATUM NAVD 88

TITLE

OVERALL
SITE PLAN

PROJECT: Q:\CCDC-1_50101397\CAD\Civil\Final\dgn\CCDC-OverallSite.dgn
SHEET NO.

C08


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Dewberry Engineers Inc.
800 NORTH MAGNOLIA AVE
SUITE 1000
ORLANDO, FL 32803
PHONE: 407.843.5120
ENGINEERING BUSINESS -8794

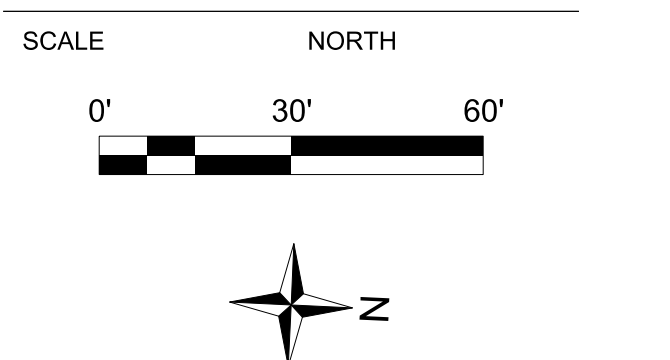
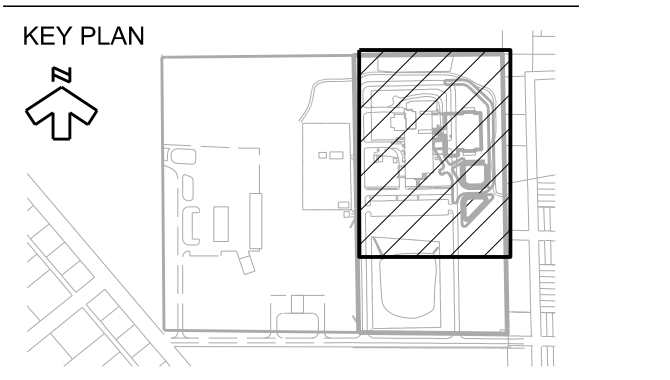
**COLUMBIA COUNTY
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533 NW QUINTEEN STREET
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**COLUMBIA COUNTY
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7/23/2020



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	7-10-20		100% CONSTRUCTION DOCUMENT
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APPROVED BY	<u>CJA</u>
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DATE	<u>JULY 2020</u>
DATUM	<u>NAVD 88</u>

TITLE

GRADING PLAN
& DRAINAGE
STRUCTURES

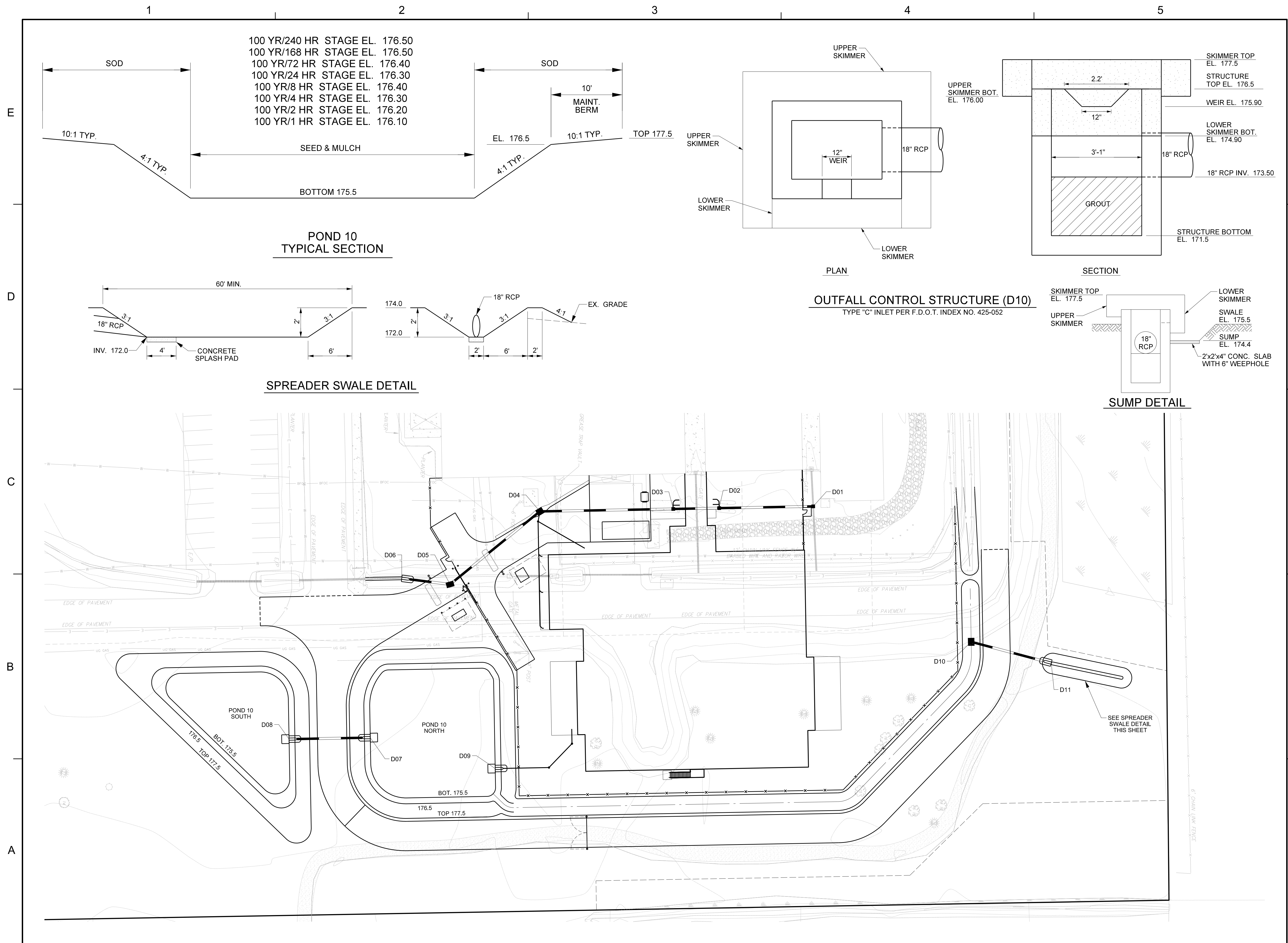
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SHEET NO.

C10

NOTE: SEE SHEET C18 FOR TYPICAL SECTIONS.

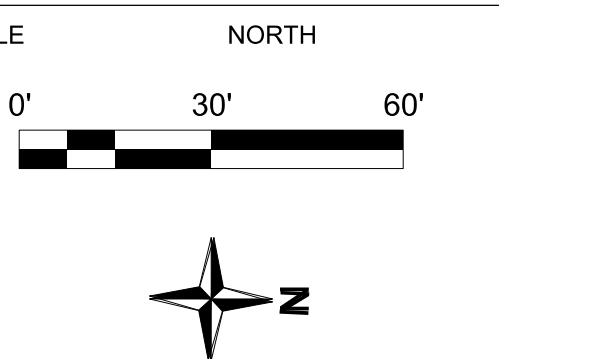
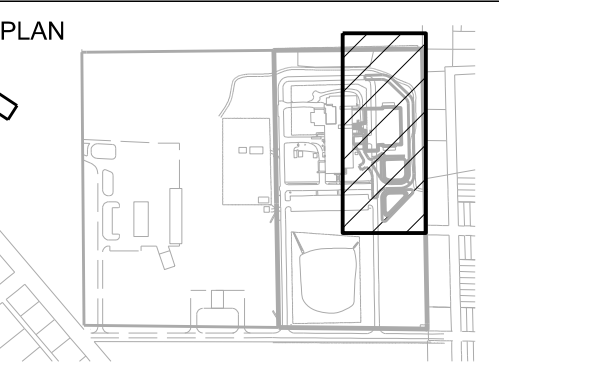
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800 NORTH MAGNOLIA AVE
SUITE 1000
ORLANDO, FL 32803
PHONE: 407.843.5120
ENGINEERING BUSINESS #8794

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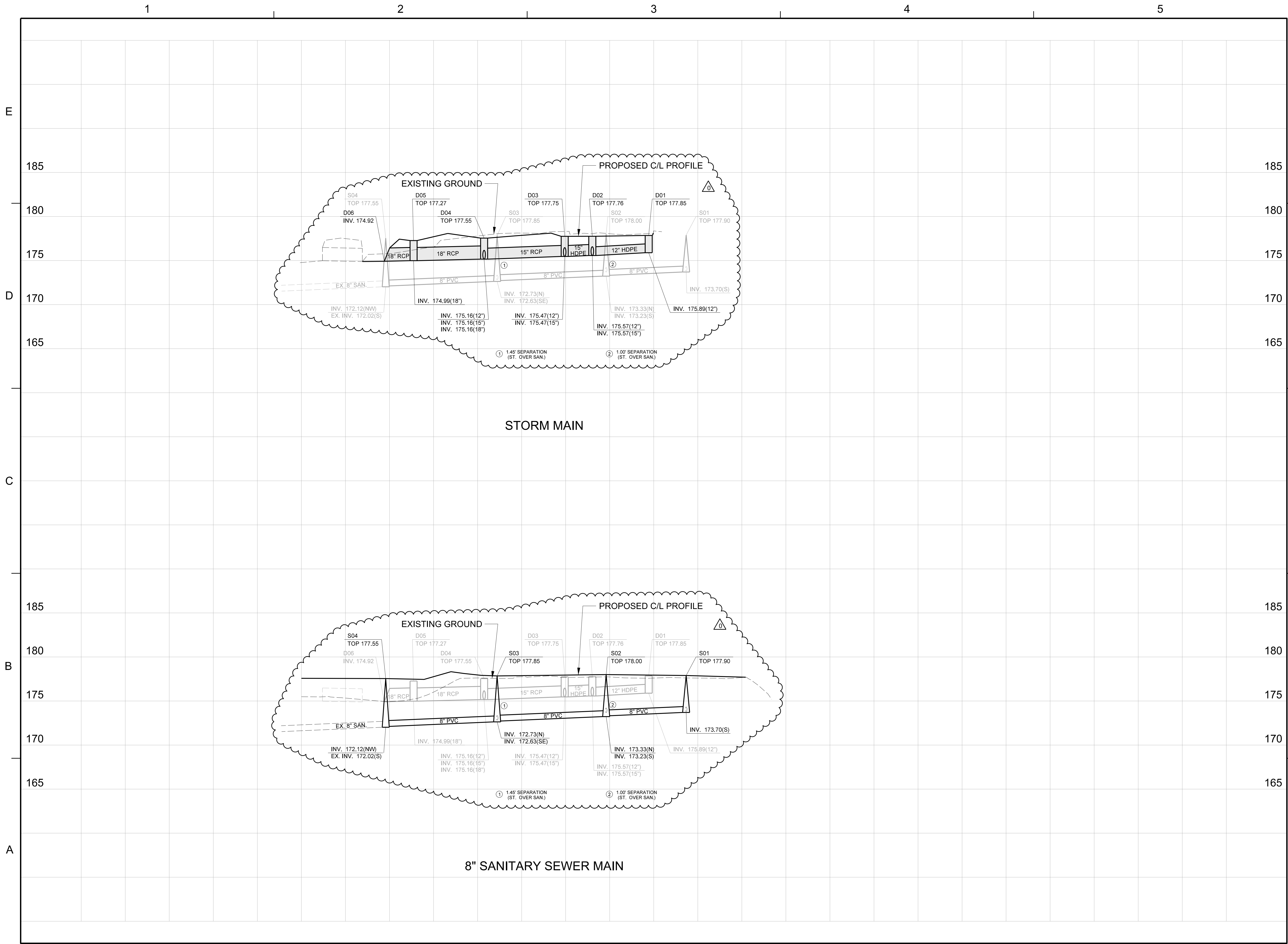
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	7-10-20		100% CONSTRUCTION DOCUMENT

PROJECT # 50101397
DRAWN BY TFS
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DATE JULY 2020
DATUM NAVD 88

TITLE
POND 10
PLAN &
DETAILS

PROJECT: Q:\CCDC-1_50101397\CAD\Civil\Final\dgn\CCDC-Pond01.dgn
SHEET NO.

C11

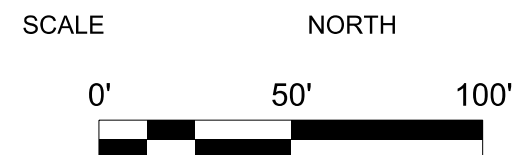


Dewberry Engineers Inc.
800 NORTH MAGNOLIA AVE
SUITE 1000
ORLANDO, FL 32803
PHONE: 407.243.5120
ENGINEERING BUSINESS - 8794

COLUMBIA COUNTY
DETENTION FACILITY
533 NW QUINTEN STREET
LAKE CITY, FL 32055
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7/23/2020



REVISIONS			
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0	7-24-20		PERMIT SET
1	7-10-20		100% CONSTRUCTION DOCUMENT

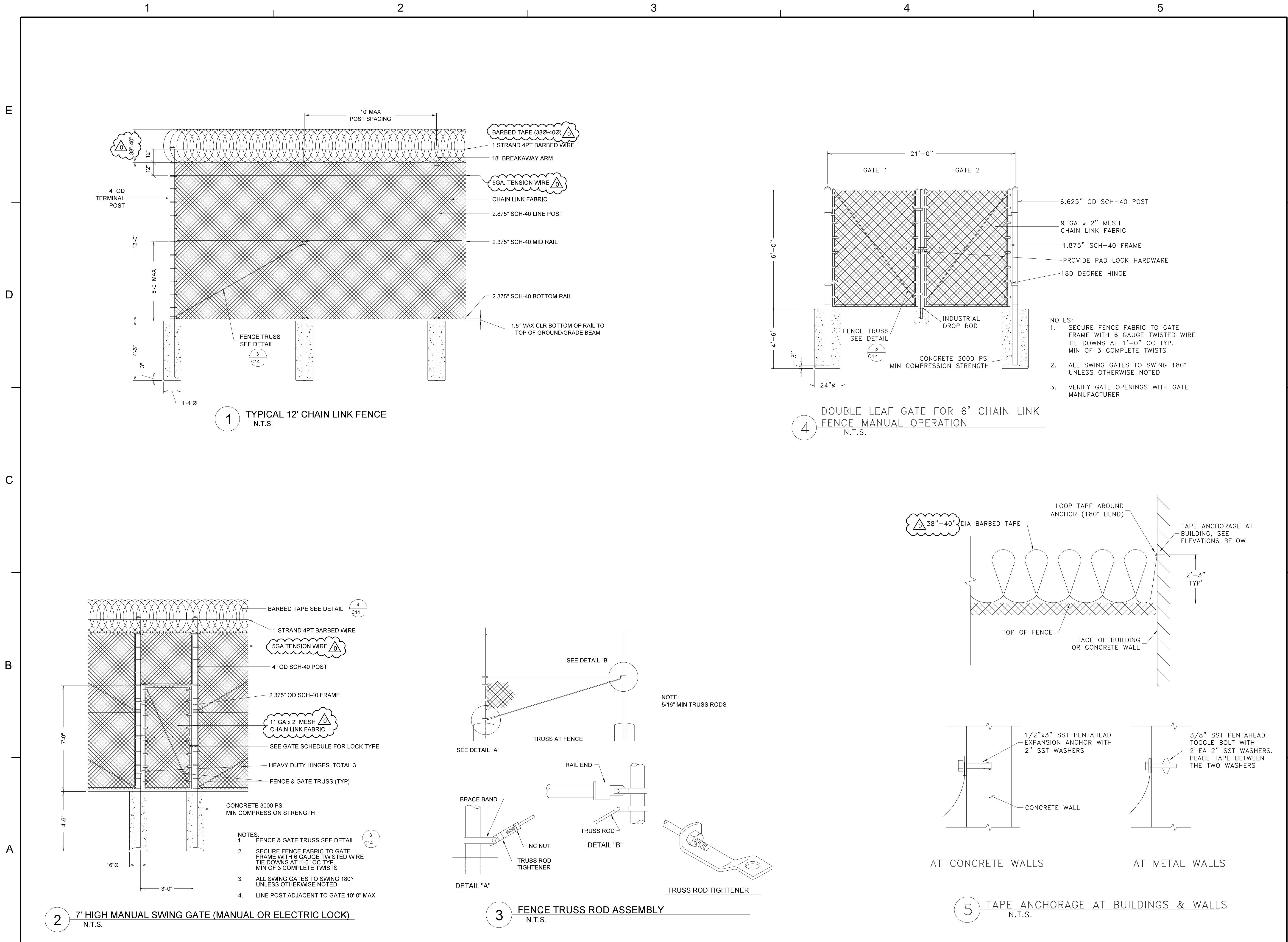
PROJECT # 50101397
DRAWN BY TFS
APPROVED BY CJA
CHECKED BY RM
DATE JULY 2020
DATUM NAVD 88

TITLE

UTILITY
PROFILES

PROJECT: Q:\CCDC-1_50101397\CAD\Civil\Final\dgn\CCDC-SanitaryProfile.dgn
SHEET NO.

C13



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800 NORTH MAGNOLIA AVE
SUITE 1000
ORLANDO, FL 32803
PHONE: 407.843.5120
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COLUMBIA COUNTY
DETENTION FACILITY
533 NW QUINTEN STREET
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FL PE # 77719
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REVISIONS			
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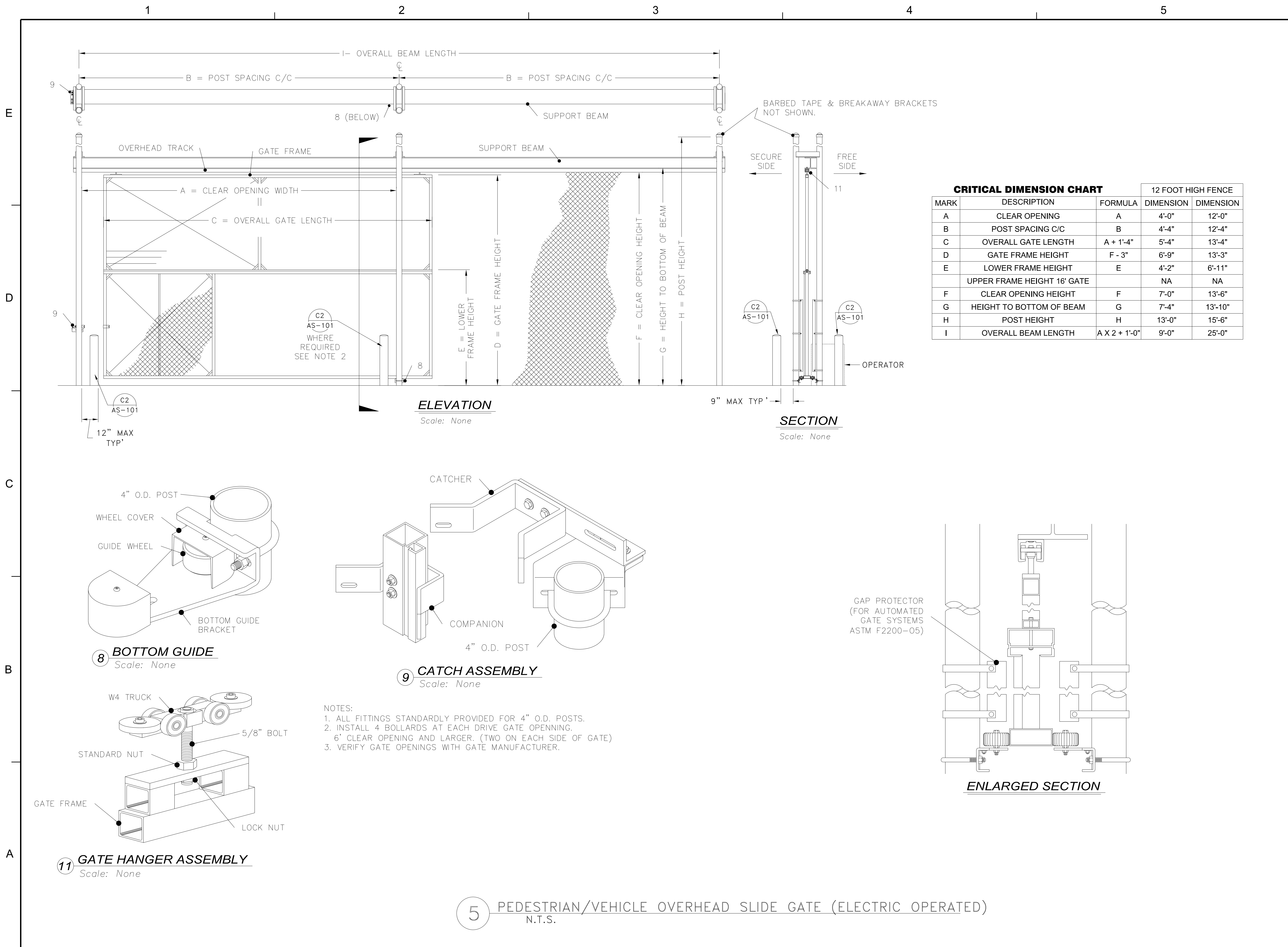
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DRAWN BY JFS
APPROVED BY CJA
CHECKED BY RM
DATE JULY 2020
DATUM NAVD 88

TITLE

FENCE
DETAILS

PROJECT: Q:\CCDC-1_50101397\CAD\Civil\Final\dgn\CCDC-Fence_Details.dgn
SHEET NO.

C14



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800 NORTH MAGNOLIA AVE
SUITE 1000
ORLANDO, FL 32803
PHONE: 407.243.5120
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COLUMBIA COUNTY
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533 NW QUINLEN STREET
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PROJECT # 50101397
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DATUM NAVD 88

TITLE

GATE
DETAILS

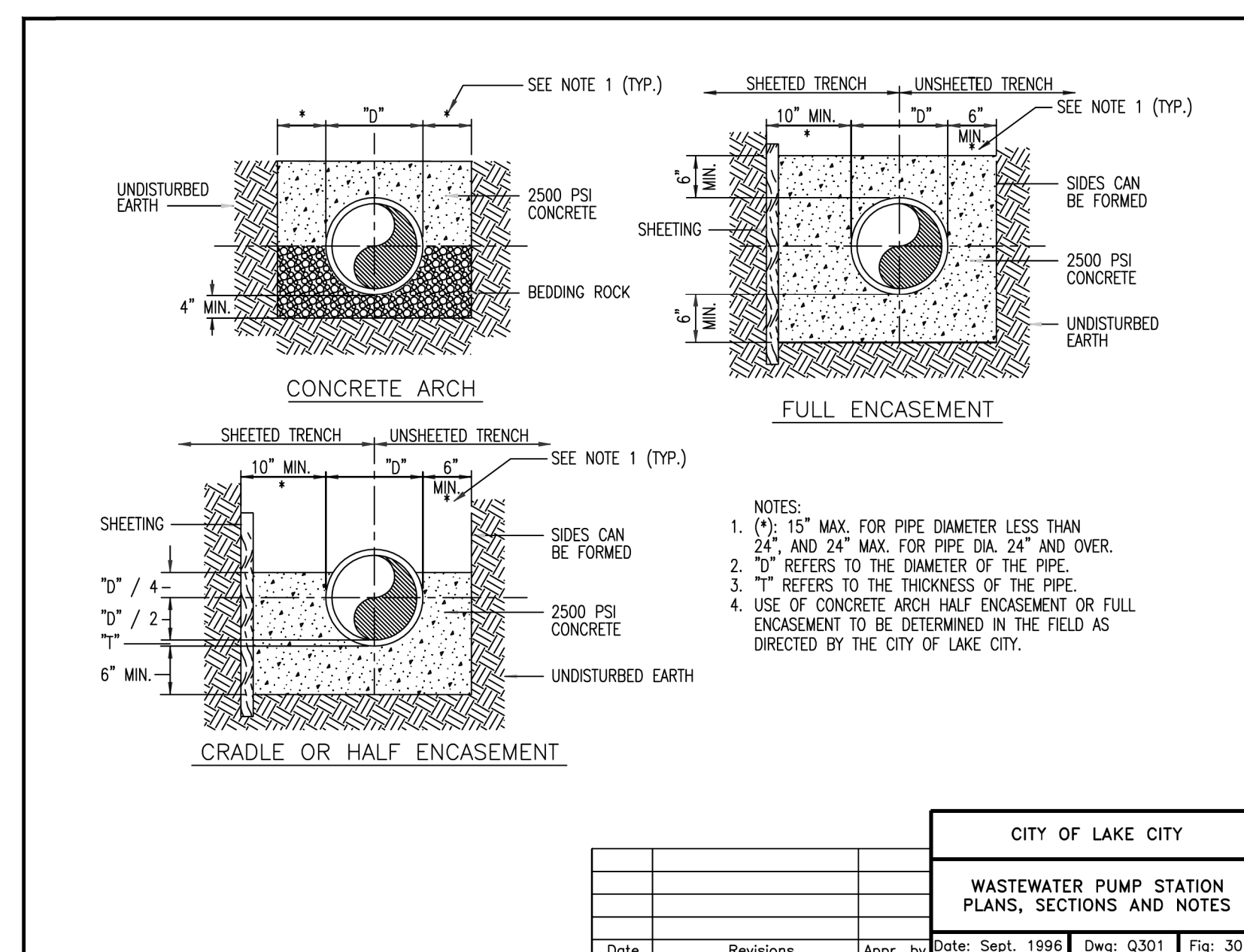
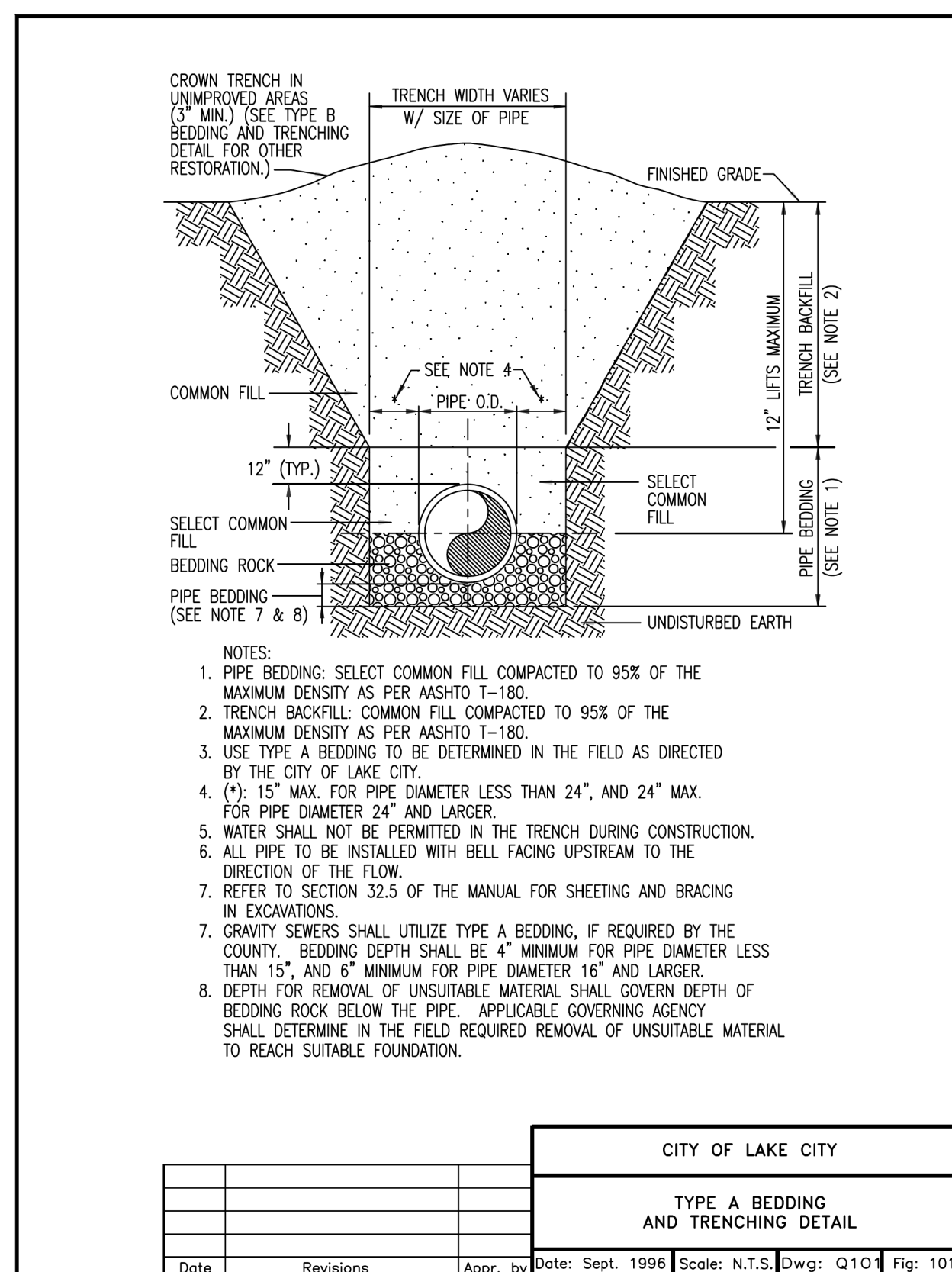
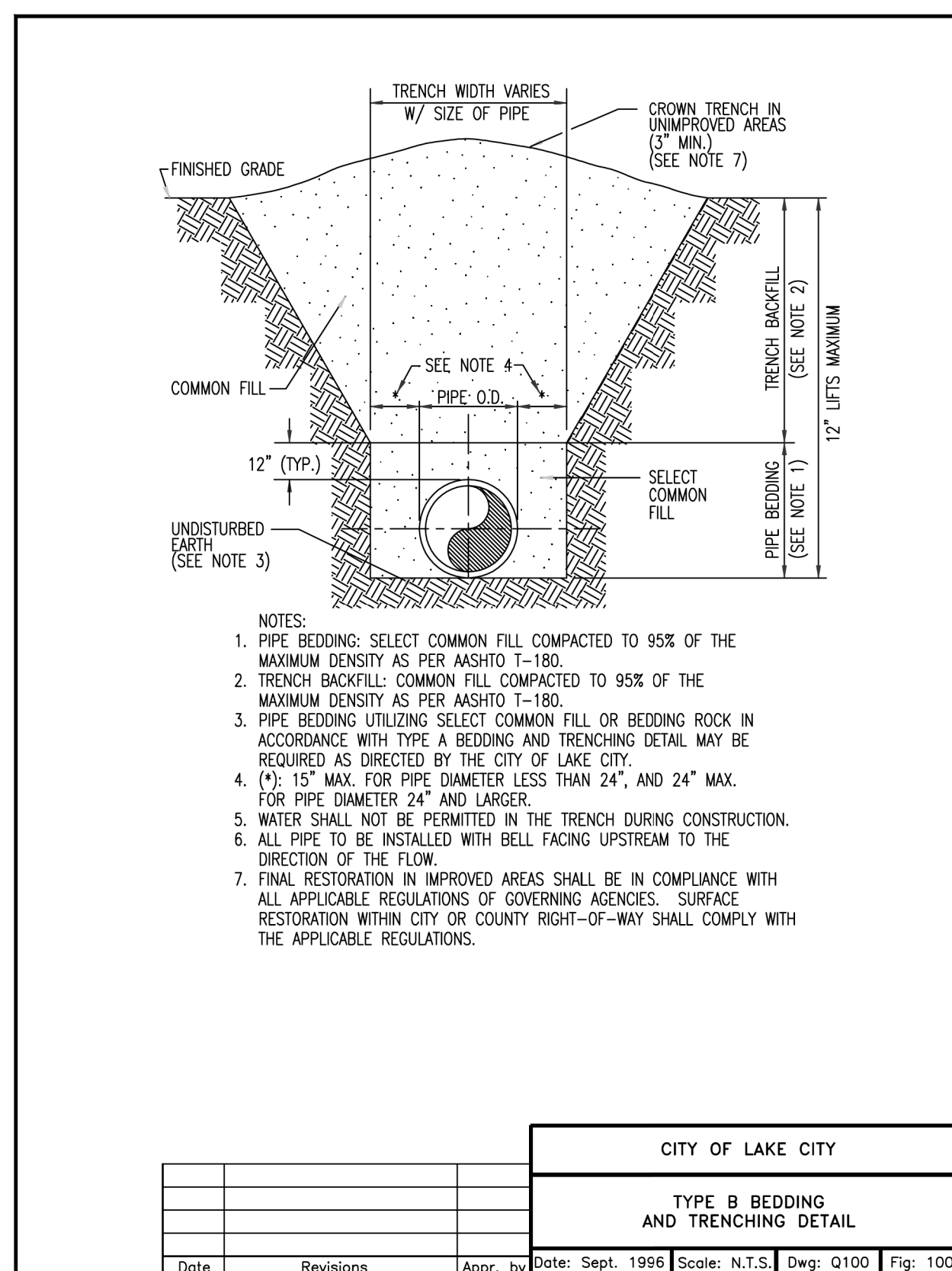
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SHEET NO.

C14B

COLUMBIA COUNTY
DETENTION FACILITY
533 NW QUINTEEN STREET
LAKE CITY, FL 32055

COLUMBIA COUNTY
BOARD OF COUNTY
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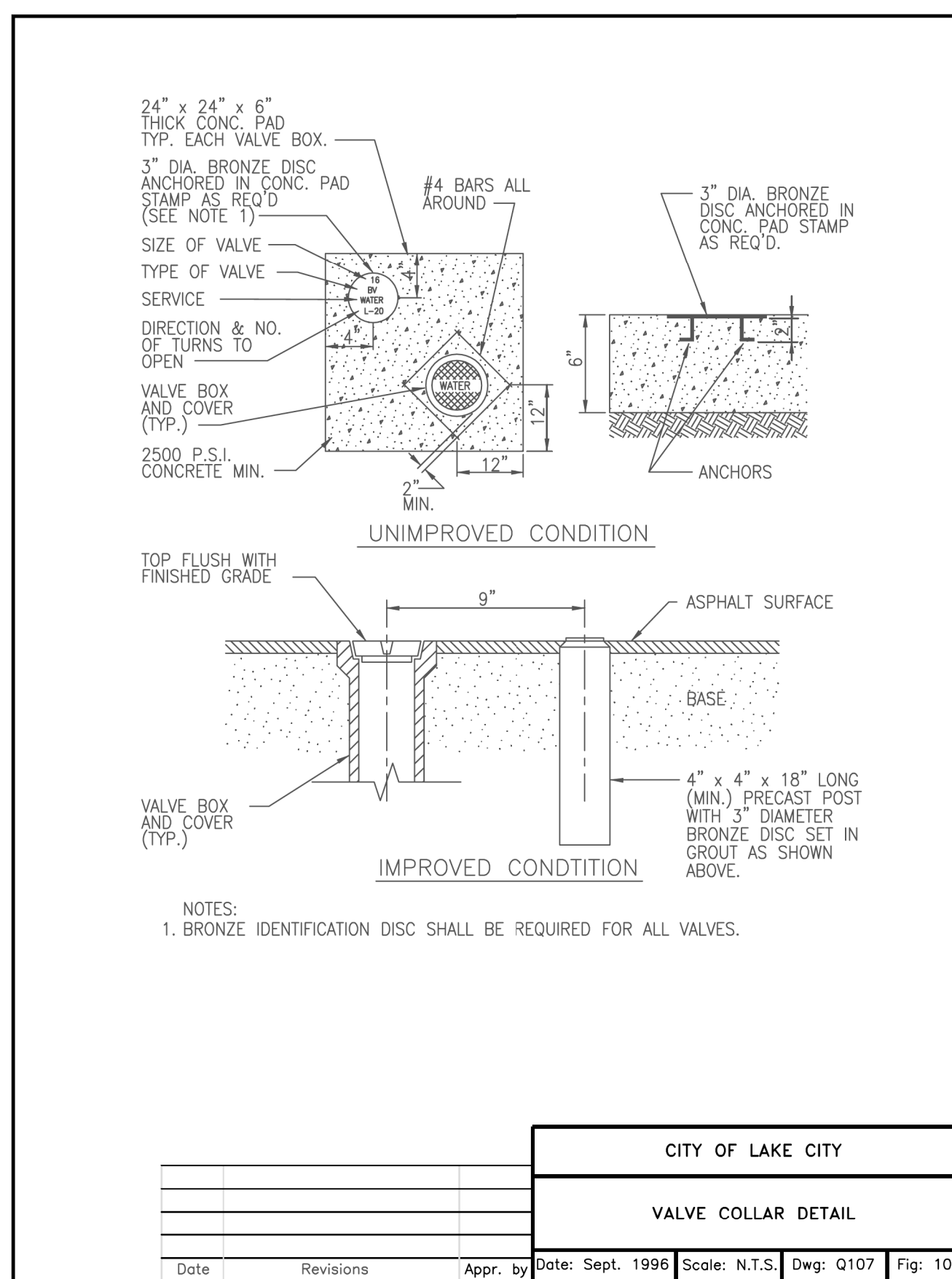
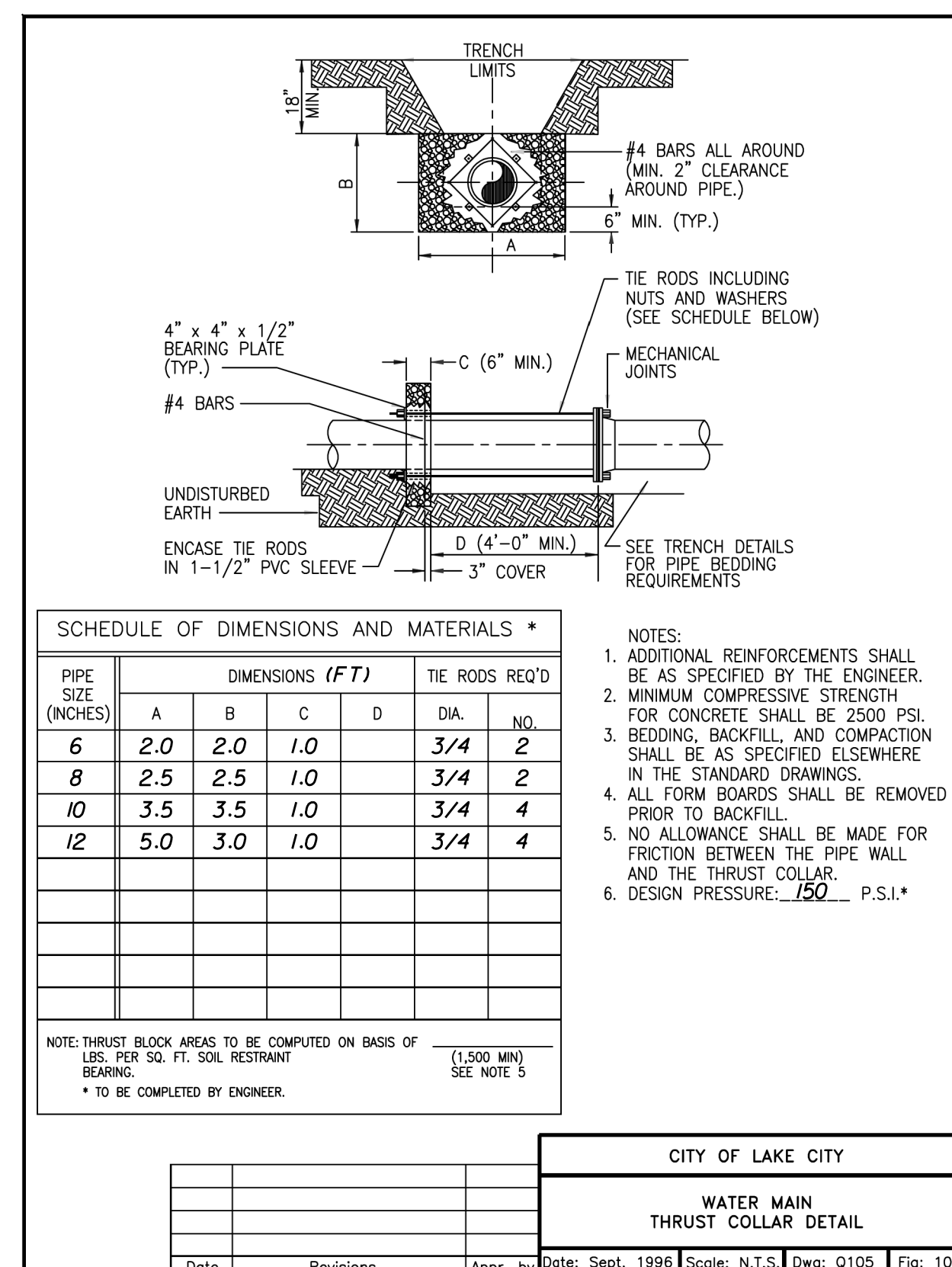
3/23/2020



MINIMUM LENGTH (FT) TO BE RESTRAINED ON EACH SIDE OF FITTING(S). *									
	PIPE SIZE								
	6"	8"	10"	12"	16"	20"	24"	30"	36"
90° BEND	36	46	55	64	N/A	N/A	N/A	N/A	N/A
45° BEND	15	19	23	26	N/A	N/A	N/A	N/A	N/A
22-1/2° BEND	8	9	11	13	N/A	N/A	N/A	N/A	N/A
11-1/4° BEND	4	5	6	8	N/A	N/A	N/A	N/A	N/A
PLUG OR BRANCH OF TEE	74	97	117	135	N/A	N/A	N/A	N/A	N/A

- NOTES:
1. FITTINGS SHALL BE RESTRAINED JOINTS UNLESS OTHERWISE INDICATED.
 2. INITIAL FULL LENGTH JOINTS WITH TOTAL LENGTH EQUAL TO OR GREATER THAN SHOWN IN THE TABLE.
 3. WHERE TWO OR MORE FITTINGS ARE TOGETHER, USE FITTING WITH LONGEST GREATEST LENGTH OF RESTRAINED PIPE.
 4. IN LINE VALVES AND TURNING ARCS OF TEES OUTSIDE LIMIT OF JOINTS, JOINTS FROM OTHER FITTINGS NEED NOT BE RESTRAINED UNLESS OTHERWISE INDICATED.
 5. LENGTHS SHOWN IN THE TABLE HAVE BEEN CALCULATED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN THRU-ROUNDER DESIGN FOR DUCTILE IRON PIPE* AS PUBLISHED BY DIPRA, WITH THE FOLLOWING ASSUMPTIONS:

WORKING PRESSURE: 150 P.S.I.*
SOIL DESIGNATION: SW Sand Silty
LAYING CONDITIONS: Standard
 6. FOR PIPE ENCASED IN POLYETHYLENE, USE VALUES GIVEN IN PARENTHESES OR INCREASE THE GIVEN VALUE BY A FACTOR OF 1.5.
- * TO BE COMPLETED BY THE ENGINEER



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LAKE CITY UTILITY DETAILS

PROJECT: Q:\CCDC-1_50101397\CAD\Civil\Final.dwg

**COLUMBIA COUNTY
DETENTION FACILITY**

533 NW QUINTEEN STREET
LAKE CITY, FL 32655

**COLUMBIA COUNTY
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LAKE CITY UTILITY DETAILS

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C16

**COLUMBIA COUNTY
DETENTION FACILITY**

533 NW QUINTEEN STREET
LAKE CITY, FL 32655

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DATUM	<u>NAVD 88</u>

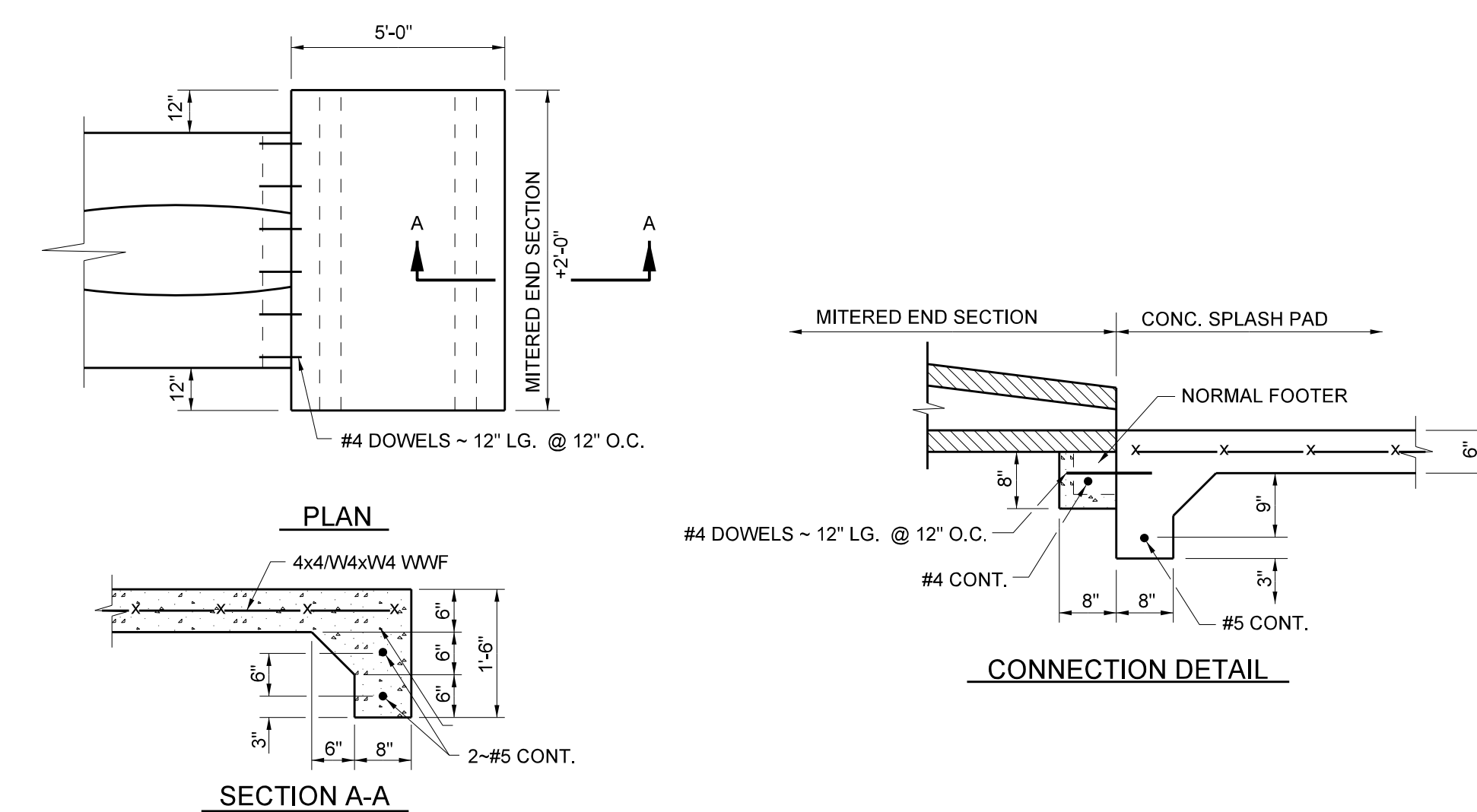
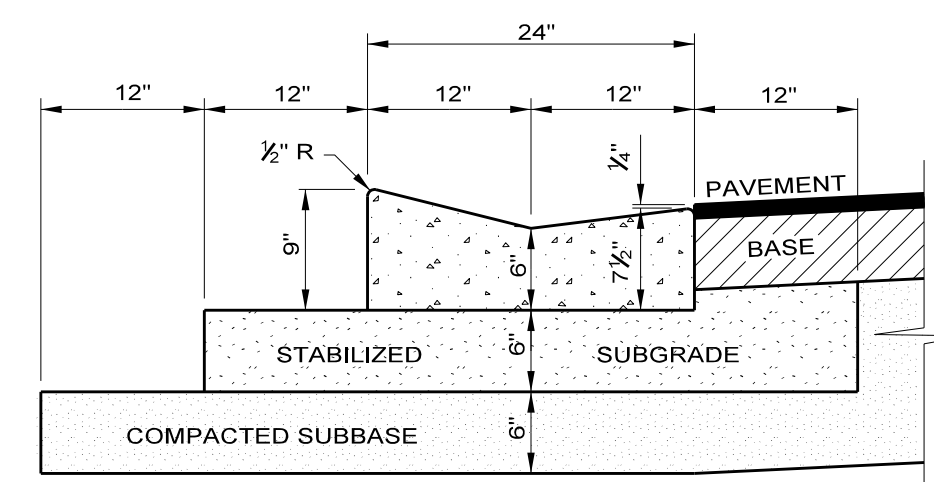
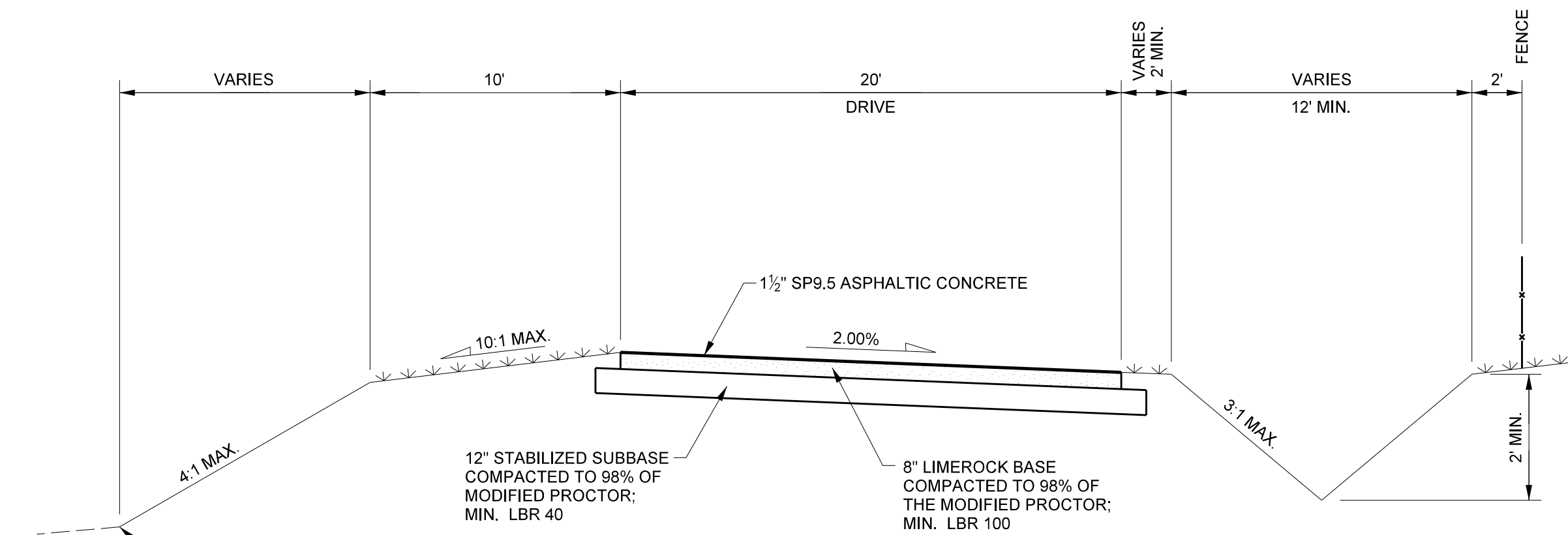
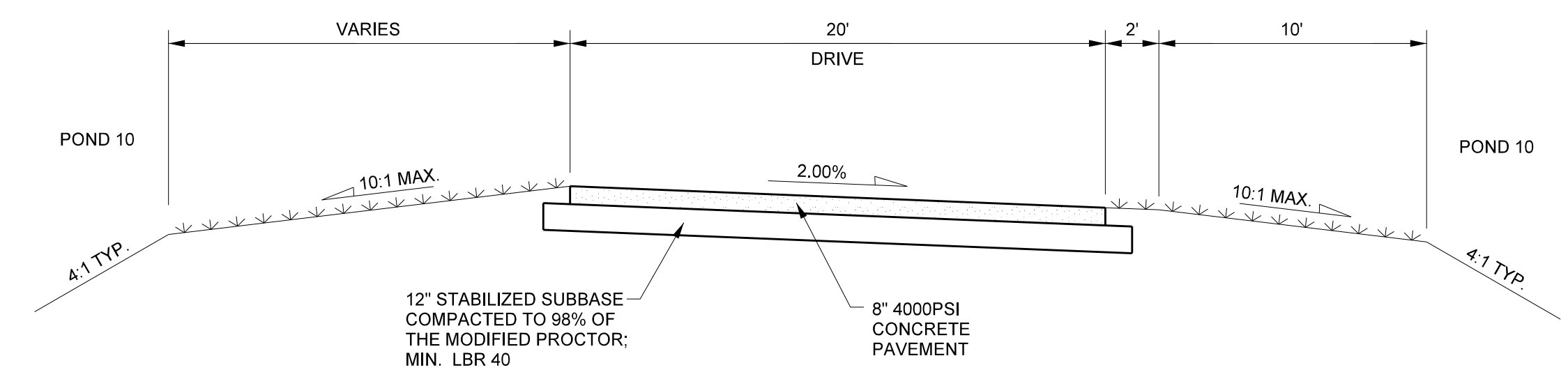
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LAKE CITY UTILITY DETAILS

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800 NORTH MAGNOLIA AVE
SUITE 1000
ORLANDO, FL 32803
PHONE: 407.843.5120
ENGINEERING BUSINESS -8794

COLUMBIA COUNTY
DETENTION FACILITY
553 NW QUINTEEN STREET
LAKE CITY, FL 32055

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TITLE

TYPICAL
SECTIONS &
GENERAL
DETAILS

PROJECT: Q:\CCDC-1_50101397\CAD\Civil\Final\dgn

SHEET NO.

C18