DATE 02/25/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027654

APPLICANT JOHN O'NEAL PHONE 752-7578

ADDRESS 212 SE HICKORY DRIVE FL 32025

OWNER JENTED, LLC PHONE 965-2553

ADDRESS 320 NW TURNER AVE LAKE CITY FL 32025

CONTRACTOR O'NEAL CONTRACTING PHONE 752-7578

LOCATION OF PROPERTY 90W, TR ON TURNER AVE., 500 FT ON LEFT

TYPE DEVELOPMENT DOCTOR'S OFFICE/COMM ESTIMATED COST OF CONSTRUCTION 1000000.00

HEATED FLOOR AREA 7676.00 TOTAL AREA 7676.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH ____ FLOOR SLAB

LAND USE & ZONING CG MAX. HEIGHT 18

Minimum Set Back Requirments: STREET-FRONT 20.00 REAR 15.00 SIDE 5.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. ____

PARCEL ID 33-3S-16-02440-001 SUBDIVISION ____

LOT ____ BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 1.00

000001713 ____ CBC057550 [signature]

Culvert Permit No. | Culvert Waiver | Contractor's License Number | Applicant/Owner/Contractor

WAIVER 08-779 BK RJ N

Driveway Connection | Septic Tank Number | LU & Zoning checked by | Approved for Issuance | New Resident

COMMENTS: SDP 08-1. MFE @ 162' PER SDP. ELEVATION CONFIRMATION LETTER REQUIRED AT SLAB, SEE ADDITIONAL COMMENTS IN FILE

Check # or Cash 16907

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power ____ date/app. by | Foundation ____ date/app. by | Monolithic ____ date/app. by

Under slab rough-in plumbing ____ date/app. by | Slab ____ date/app. by | Sheathing/Nailing ____ date/app. by

Framing ____ date/app. by | Rough-in plumbing above slab and below wood floor ____ date/app. by

Electrical rough-in ____ date/app. by | Heat & Air Duct ____ date/app. by | Peri. beam (Lintel) ____ date/app. by

Permanent power ____ date/app. by | C.O. Final ____ date/app. by | Culvert ____ date/app. by

M/H tie downs, blocking, electricity and plumbing ____ date/app. by | Pool ____ date/app. by

Reconnection ____ date/app. by | Pump pole ____ date/app. by | Utility Pole ____ date/app. by

M/H Pole ____ date/app. by | Travel Trailer ____ date/app. by | Re-roof ____ date/app. by

BUILDING PERMIT FEE $ 5,000 CERTIFICATION FEE $ 38.38 SURCHARGE FEE $ 38.38

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $ ____

FLOOD DEVELOPMENT FEE $ ____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ ____ **TOTAL FEE** 5151.76

INSPECTORS OFFICE [signature] CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY, AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

COPY

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Sharon Teagle
Deputy Clerk
Date 02-24-2009

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

27654

Inst:200912002897 Date:2/24/2009 Time:9:01 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 3 B:1167 P:2328

HIS INSTRUMENT WAS PREPARED BY:
ERRY McDAVID
OST OFFICE BOX 1328
AKE CITY, FL 32056-1328
ETURN TO:
ERRY McDAVID
OST OFFICE BOX 1328
AKE CITY, FL 32056-1328
ile No. 09-23

?ERMIT NO._____ **TAX FOLIO NOS.:** 02440-001

NOTICE OF COMMENCEMENT

3TATE OF FLORIDA
:OUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to :ertain real property, and in accordance with Chapter 713, Florida Statutes, :he following information is provided in this Notice of Commencement.

1. Description of property:

SEE SCHEDULE A ATTACHED HERETO AND MADE A PART HEREOF.

2. General description of improvement: Construction of Office

3. Owner information:

a. Name and address: Jented, LLC
334 SW Commerce Drive
Lake City, FL 32025

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than)wner):

4. a. Contractor: O'Neal Contracting, Inc.
P.O. Box 3505
Lake City, FL 32056

b. Contractor's Telephone Number: 386-752-7578

5. Surety

a. Name and address: None

b. Phone Number:

c. Amount of Bond:

6. a. Lender: Prosperity Bank, 295 NW Commons Loop, Ste. 101
Lake City, FL 32055

b. Lender's Telephone Number: 386-719-6909

7. a. Persons within the State of Florida designated by Owner upon vhom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

b. Phone Number:

8. a. In addition to himself or herself, Owner designates Kevin Gray)f Prosperity Bank, 295 NW Commons Loop, Ste. 101, Lake City, FL 32055, to :eceive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), 'lorida Statutes.

b. Phone Number: 386-719-6909

COPY

9. Expiration date of notice of commencement (the expiration date is . year from the date of recording unless a different date is specified).

'WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF :HE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER '13, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING :WICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU :NTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE :OMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT."

VERIFICATION PURSUANT TO SECTION 92.525, FLORIDA STATUTES.

UNDER PENALTIES OF PERJURY, I DECLARE THAT I HAVE READ THE FOREGOING AND THAT :HE FACTS STATED IN IT ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JENTED, LLC

By: _____
Diogenes Duarte, MGRM

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 20th day of February 2009, by Diogenes Duarte, Managing Member of JENTED, LLC, on behalf of said company. He is personally known to me and did not take an oath.

_____
Notary Public
My commission expires: _____

SCHEDULE A

Section 33, Township 3 South, Range 16 East

Commence at the Southeast corner of the NE ¼ of the NE ¼, Section 33, Township 3 South, Range 16 East, Columbia County, Florida, and run N 89°20'14" W., along the South line of said NE ¼ of the NE ¼, Section 33, a distance of 30.12 feet to a concrete monument at its intersection with the West right of way of Turner Road and the Point of Beginning, thence continue N 89°20'14" W., along said South line of the NE ¼ of the NE ¼, Section 33, a distance of 283.40 feet to a concrete monument, thence N 0°39'46"E., 150.00 feet to a concrete monument, thence S 89°20'14" E., 296.56 feet to a concrete monument on said West right of way line of Turner Road, thence S 5°50'28" W., along said West right of way line, 150.61 feet to the Point of Beginning.

Called David on 12-22-of LH

Columbia County Building Permit Application

For Office Use Only Application # 0812-28 Date Received 12-18-08 By LH Permit # 1713/27654

Zoning Official BLK Date 12-12-08 Flood Zone X Land Use Com Zoning CG

FEMA Map # N/A Elevation N/A MFE 162' per SDP08-1 River N/A Plans Examiner 12/19/08 Date

Comments SDP 08-1 Elevation confirmation letter required at slab. See Additional comments Attached

NOC EH Deed or PA Site Plan NA State Road Info Parent Parcel #

Dev Permit # In Floodway Letter of Auth. from Contractor F W Comp. letter

IMPACT FEES: EMS $76.60 Fire $2,493.64 Corr N/A Road/Code $9,234.22 / 710

School N/A = TOTAL $12,995.46

Septic Permit No. Fax

Name Authorized Person Signing Permit DAVID ROYAL Phone 752-7578

Address 212 SE HICKORY DRIVE, LAKE CITY, FL 32025

Owners Name JENTED, LLC Phone 965-2553

911 Address APPLIED FOR = 320 NW Turner Ave Lake City 32025

Contractors Name O'NEAL CONTRACTING, INC Phone 752-7578

Address 212 SE HICKORY DRIVE, LAKE CITY, FL 32055

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address NICK GEISLER, 1758 NW BROWN RD, LAKE CITY

Mortgage Lenders Name & Address

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 33-3S-16-02440-001 Estimated Cost of Construction $1,000,000.00

Subdivision Name Lot Block Unit Phase

Driving Directions TAKE U.S. 90 WEST TO TURNER RD, TURN LEFT ONTO TURNER RD., SITE IS APPROX. 500 FT. ON LEFT

Number of Existing Dwellings on Property 0

Construction of Dr's office CONCRETE BLOCK Total Acreage 1 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 18'

Actual Distance of Structure from Property Lines - Front 68' (50.10) Side 46' Side 10' Rear 75'

Number of Stories 1 Heated Floor Area 7676 Total Floor Area 7676 Roof Pitch 1/4"/FT.

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

5500.00
75.00
38.38
38.38
I have given him this amount

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Theresa Duarte
Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

Paul Popal
Contractor's Signature (Permitee)

Contractor's License Number CBC057550
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 15th **day of** December **20** 08.

Personally known ✓ **or Produced Identification** _____

Cindy Edge
State of Florida Notary Signature (For the Contractor)

SEAL:

CINDY EDGE
Commission DD 779357
Expires July 20, 2012
Bonded Thru Troy Fain Insurance 800-385-7019

08-0779

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 905335
DATE PAID: 12/17/08
FEE PAID: 310.00
RECEIPT #: 1082318

APPLICATION FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: Jented LLC

AGENT: ROCKY FORD, A & B CONSTRUCTION TELEPHONE: 386-497-2311

MAILING ADDRESS: P.O. BOX 39 FT. WHITE, FL, 32038

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: na BLOCK: na SUB: na PLATTED: _____

PROPERTY ID #: 33-3S-16-02440-001 ZONING: Comm I/M OR EQUIVALENT: [Y (N)]

PROPERTY SIZE: 1 ACRES WATER SUPPLY: [ ] PRIVATE PUBLIC [X] <=2000GPD [ ] >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y (N)] DISTANCE TO SEWER: — FT

PROPERTY ADDRESS: NW Turner Ave, Lake City, FL

DIRECTIONS TO PROPERTY: 90 West, TR on Turner Ave, 1000 feet on left

BUILDING INFORMATION [ ] RESIDENTIAL [X] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	Office/Doctor's	0	7676	2 Doctors @ 250 GPD = 500
2				10 Employees @ 15 GPD = 150
3				650 GPD

[N] Floor/Equipment Drains [N] Other (Specify) _____

SIGNATURE: Rocky D Ford DATE: 12/17/2008

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION F0R ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-0779

---------- PART II - SITEPLAN ----------

Scale: 1 inch = 50 feet.

SEE ATTACHED

Notes: _____

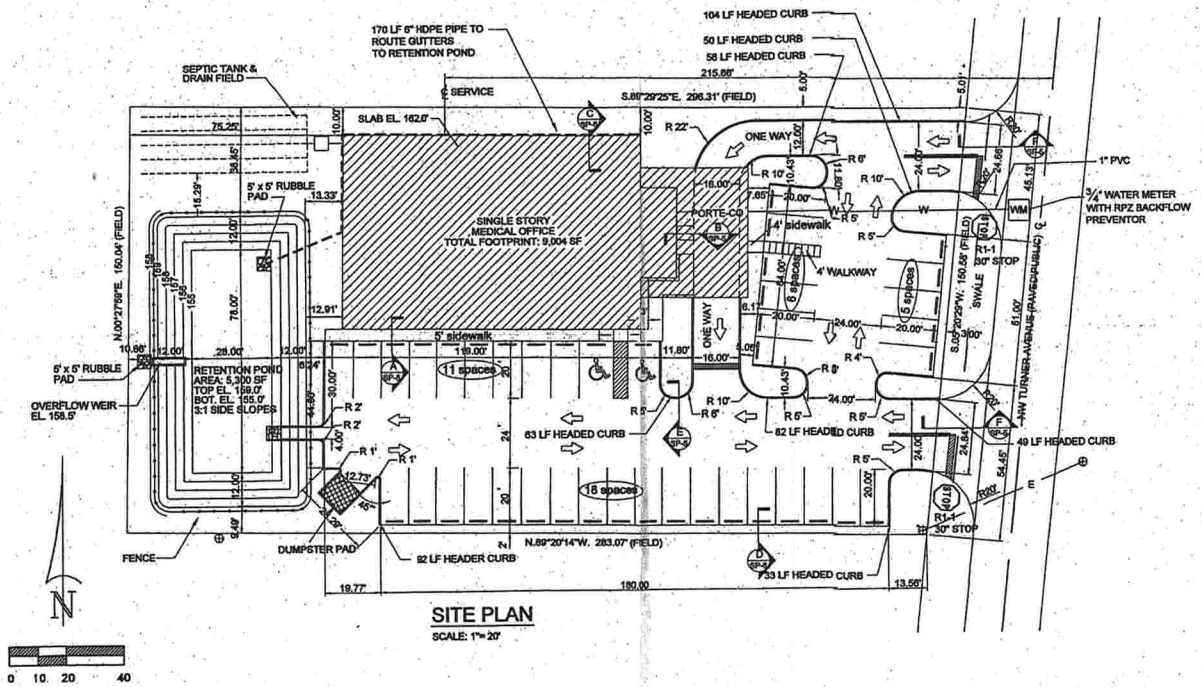
Site Plan submitted by: Rocky Todd MASTER CONTRACTOR

Plan Approved ✓ Not Approved _____ Date 2-25-09

By _____ Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

08-0779



JENTEA. LLC

DEC 17 2008

Rock D 7-0

Florida Energy Efficiency Code For Building Construction
Florida Department of Community Affairs

EnergyGauge FlaCom v 2.11 FORM 400A-2004
Whole Building Performance Method for Commercial Buildings

Jurisdiction: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)

Short Desc: Duarte
Owner: D. Duarte
Address: Turner Road

City: Lake City
State: FL
Zip: 0

Type: Healthcare-Clinic
Class: New Finished building

Project: Office Facilities for Dr. D. Duarte, M.D.

221000

PermitNo: 0 27654
Storeys: 1

***Conditioned Area:** 7640
***Cond + UnCond Area:** 7640

* denotes lighted area. Does not include wall crosection areas

Max Tonnage: 4.8 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	7,538.70	8,183.68	**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**PASSES**
HVAC SYSTEM			**PASSES**
PLANT			**None Entered**
WATER HEATING SYSTEMS			**PASSES**
PIPING SYSTEMS			**PASSES**
Met all required compliance from Check List?			**Yes/No/NA**

IMPORTANT NOTE: An input report Print-Out from EnergyGauge Com of this design building must be submitted along with this Compliance Report.

COMPLIANCE CERTIFICATION:

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code.

PREPARED BY: Nicholas Paul Geisler, Arc

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S.

BUILDING OFFICIAL: _____

DATE: _____

I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.

OWNER AGENT: _____

DATE: _____

If required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Code.

		REGISTRATION No.
ARCHITECT :	**Nicholas Paul Geisler, Architect**	**AR0007005**
ELECTRICAL SYSTEM DESIGNER	-	
LIGHTING SYSTEM DESIGNER:	-	
MECHANICAL SYSTEM DESIGNER:	-	
PLUMBING SYSTEM DESIGNER:		

(*) Signature is required where Florida Law requires design to be performed by registered design professionals.
Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

COMPLIANCE CERTIFICATION:

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code.	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S.
PREPARED BY: Nicholas Paul Geisler, Arc	**BUILDING OFFICIAL:** _____
DATE: _____	**DATE:** _____
I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.	
OWNER AGENT: _____	
DATE: _____	

If required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Code.

		REGISTRATION No.
ARCHITECT :	Nicholas Paul Geisler, Architect	AR0007005
ELECTRICAL SYSTEM DESIGNER	-	
LIGHTING SYSTEM DESIGNER:	-	
MECHANICAL SYSTEM DESIGNER:	-	
PLUMBING SYSTEM DESIGNER:		

(*) Signature is required where Florida Law requires design to be performed by registered design professionals.
Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

Project: Duarte
Title: Office Facilities for Dr. D. Duarte, M.D.
Type: Healthcare-Clinic
(WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	*92.14*	*100.00*
	$7,538.70	*$8,183.68*
ELECTRICITY(MBtu/kWh/$)	92.14 150,473.00 *$7,538.70*	100.00 163,347.00 *$8,183.68*
AREA LIGHTS	16.97 27,731.00 *$1,389.32*	15.90 25,972.00 *$1,301.20*
MISC EQUIPMT	9.83 16,060.00 *$804.61*	9.83 16,060.00 *$804.61*
PUMPS & MISC	0.02 38.00 *$1.90*	0.02 43.00 *$2.15*
SPACE COOL	11.93 19,493.00 *$976.60*	15.11 24,677.00 *$1,236.32*
SPACE HEAT	4.45 7,262.00 *$363.83*	4.11 6,718.00 *$336.57*
VENT FANS	48.93 79,889.00 *$4,002.44*	55.03 89,877.00 *$4,502.84*

Credits & Penalties (if any): Modified Points: = 92.15 | **PASSES**

Project: Duarte
Title: Office Facilities for Dr. D. Duarte, M.D.
Type: Healthcare-Clinic
(WEA File: JACKSONVILLE.TMY)

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Building Entrance with (or free standing) Canopy	3.00	1,050.0	3,150	75

Design: 450 (W)
Allowance: 3150 (W)

PASSES

Project: Duarte
Title: Office Facilities for Dr. D. Duarte, M.D.
Type: Healthcare-Clinic
(WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compli-ance
Pr0Zo1Sp1	17	Office - Enclosed	7,256	1	42	3	PASSES
Pr0Zo1Sp2	12	Lobby (General) - Reception and Waiting	384	1	2	1	PASSES

PASSES

Project: Duarte
Title: Office Facilities for Dr. D. Duarte, M.D.
Type: Healthcare-Clinic
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

Pr0Sy1 **System 1** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units 3**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		16.00	10.00	8.00		PASSES
Heating System	Air Cooled HP < 65000 Btu/h Cooling Capacity		8.80	6.80			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System		6.00	4.20			PASSES

Pr0Sy2 **System 2** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units 1**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		16.00	10.00	8.00		PASSES
Heating System	Air Cooled HP < 65000 Btu/h Cooling Capacity		8.80	6.80			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System		6.00	4.20			PASSES

PASSES

Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Compliance

None

Project: Duarte
Title: Office Facilities for Dr. D. Duarte, M.D.
Type: Healthcare-Clinic
(WEA File: JACKSONVILLE.TMY)

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance
Water Heater 1	Electric water heater	> 12 [kW]				241.3(	PASSES

PASSES

Project: Duarte
Title: Office Facilities for Dr. D. Duarte, M.D.
Type: Healthcare-Clinic
(WEA Fil

Piping System Compliance

Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance
Domestic and Service Hot Water Systems	0.75	False	125.00	0.28	1.00	0.50	PASSES

PASSES

Project: Duarte
Title: Office Facilities for Dr. D. Duarte, M.D.
Type: Healthcare-Clinic
(WEA Fil

Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Infiltration	406.1	Infiltration Criteria have been met	☐
System	407.1	HVAC Load sizing has been performed	☐
Ventilation	409.1	Ventilation criteria have been met	☐
ADS	410.1	Duct sizing and Design have been performed	☐
T & B	410.1	Testing and Balancing will be performed	☐
Motors	414.1	Motor efficiency criteria have been met	☐
Lighting	415.1	Lighting criteria have been met	☐
O & M	102.1	Operation/maintenance manual will be provided to owner	☐
Roof/Ceil	404.1	R-19 for Roof Deck with supply plenums beneath it	☐
Report	101	Input Report Print-Out from EnergyGauge FlaCom attached?	☐

EnergyGauge FlaCom v 2.11

INPUT DATA REPORT

Project Information

Project Name: Duarte

Project Title: Office Facilities for Dr. D. Duarte, M.D.

Address: Turner Road

State: FL

Zip: 0

Owner: D. Duarte

Orientation: East

Building Type: Healthcare-Clinic

uilding Classification: New Finished building

No.of Storeys: 1

GrossArea: 7640

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]	
1	Pr0Zo1	Zone 1	CONDITIONED	7640.4	1	7640.4	☐

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multiplier	Total Area [sf]	Total Volume [cf]

In Zone:	**Pr0Zo1**									
1	Pr0Zo1Sp1	Zo0Sp1	Office - Enclosed	105.67	68.67	10.00	1	7256.4	72563.6	☐
2	Pr0Zo1Sp2	Zo0Sp2	Lobby (General) - Reception and Waiting	12.00	32.00	10.00	1	384.0	3840.0	☐

Lighting

	No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No.of Ctrl pts	
In Zone:	**Pr0Zo1**								
In Space:	**Pr0Zo1Sp1**								
	1	Compact Fluorescent	General Lighting	41	96	3936	Manual On/Off	19	☐
	2	Compact Fluorescent	General Lighting	19	64	1216	Manual On/Off	6	☐
	3	Incandescent	General Lighting	53	50	2650	Manual On/Off	13	☐
	4	Compact Fluorescent	General Lighting	4	32	128	Manual On/Off	4	☐
In Space:	**Pr0Zo1Sp2**								
	1	Compact Fluorescent	General Lighting	2	0	0	Manual On/Off	1	☐
	2	Incandescent	General Lighting	15	75	1125	Manual On/Off	1	☐

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone:	**Pr0Zo1**											
1	Pr0Zo1Wa1	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	18.33	10.00	1	183.3	East	0.2067	5.7314	34.65	4.84	☐
2	Pr0Zo1Wa2	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	105.67	10.00	1	1056.7	South	0.2067	5.7314	34.65	4.84	☐

3	Pr0Zo1Wa3	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	68.67	10.00	1	686.7	West	0.2067	5.7314	34.65	4.84	☐
4	Pr0Zo1Wa4	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	105.67	10.00	1	1056.7	North	0.2067	5.7314	34.65	4.84	☐
5	Pr0Zo1Wa5	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	12.00	10.00	1	120.0	North	0.2067	5.7314	34.65	4.84	☐
6	Pr0Zo1Wa6	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	12.00	10.00	1	120.0	South	0.2067	5.7314	34.65	4.84	☐
7	Pr0Zo1Wa7	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	32.00	10.00	1	320.0	East	0.2067	5.7314	34.65	4.84	☐

Windows

No	Description	Type	Shaded	U [Btu/hr sf F]	SHG	Vis.Tr	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]

In Zone: Pr0Zo1											
In Wall Pr0Zo1Wa1											
	1	Pr0Zo1Wa1Wi1	User Defined	No	0.9000	0.50	0.40	5.00	6.00	1	30.0
In Wall Pr0Zo1Wa2											
	1	Pr0Zo1Wa2Wi1	User Defined	No	0.9000	0.50	0.40	6.00	2.00	7	84.0
In Wall Pr0Zo1Wa3											
	1	Pr0Zo1Wa3Wi1	User Defined	No	0.9000	0.50	0.40	4.00	6.00	4	96.0
In Wall Pr0Zo1Wa4											
	1	Pr0Zo1Wa4Wi1	User Defined	No	0.9000	0.50	0.40	6.00	3.00	1	18.0
	2	Pr0Zo1Wa4Wi2	User Defined	No	0.9000	0.50	0.40	7.00	6.00	2	84.0
	3	Pr0Zo1Wa4Wi3	User Defined	No	0.9000	0.50	0.40	3.00	6.00	1	18.0
	4	Pr0Zo1Wa4Wi4	User Defined	No	0.9000	0.50	0.40	3.00	2.00	1	6.0
	5	Pr0Zo1Wa4Wi5	User Defined	No	0.9000	0.50	0.40	5.00	6.00	2	60.0
In Wall Pr0Zo1Wa5											
	1	Pr0Zo1Wa5Wi1	User Defined	No	0.9000	0.50	0.40	6.00	2.00	1	12.0
In Wall Pr0Zo1Wa6											
	1	Pr0Zo1Wa6Wi1	User Defined	No	0.9000	0.50	0.40	6.00	2.00	1	12.0
In Wall Pr0Zo1Wa7											
	1	Pr0Zo1Wa7Wi1	User Defined	Yes	0.9000	0.50	0.40	30.67	9.00	1	276.0

Doors

	No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1												
In Wall: Pr0Zo1Wa2												
	1	Pr0Zo1Wa2Dr1	Solid core flush (1.75")	No	3.00	7.00	1	21.0	0.6061	0.00	0.00	1.65
In Wall: Pr0Zo1Wa4												
	1	Pr0Zo1Wa4Dr1	Solid core flush (1.75")	No	3.00	7.00	1	21.0	0.6061	0.00	0.00	1.65

Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]

In Zone:	**Pr0Zo1**											
1	Pr0Zo1Rf1	Built-up Gravel/2" ISO/Mtl Deck	68.67	105.67	1	7256.4	0.00	0.1486	0.98	12.59	6.73	☐
2	Pr0Zo1Rf2	Built-up Gravel/2" ISO/Mtl Deck	32.00	12.00	1	384.0	0.00	0.1486	0.98	12.59	6.73	☐

Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	Vis.Tran	W [ft]	H (Effec) [ft]	Multiplier	Area [Sf]	Total Area [Sf]	
In Zone:											
In Roof:											☐

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone:	**Pr0Zo1**										
1	Pr0Zo1Fl1	Concrete floor, carpet and rubber pad	68.67	105.67	1	7256.4	0.5987	9.33	140.00	1.67	☐
2	Pr0Zo1Fl2	Concrete floor, carpet and rubber pad	32.00	12.00	1	384.0	0.5987	9.33	140.00	1.67	☐

Systems

Pr0Sy1	System 1	Constant Volume Air Cooled Split System < 65000 Btu/hr		No. Of Units 3	
Component	**Category**	**Capacity**	**Efficiency**	**IPLV**	
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	58000.00	16.00	8.00	☐
2	Heating System (Air Cooled HP < 65000 Btu/h Cooling Capacity)	58000.00	8.80		☐
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	2000.00	0.80		☐
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1800.00	0.80		☐
5	Air Distribution System (ADS System)		6.00		☐

Pr0Sy2	System 2	Constant Volume Air Cooled Split System < 65000 Btu/hr		No. Of Units 1	
Component	**Category**	**Capacity**	**Efficiency**	**IPLV**	
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	35000.00	16.00	8.00	☐
2	Heating System (Air Cooled HP < 65000 Btu/h Cooling Capacity)	35000.00	8.80		☐
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	1200.00	0.80		☐
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1020.00	0.80		☐
5	Air Distribution System (ADS System)		6.00		☐

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV	
						☐

Water Heaters

W-Heater Description	Capacit	Cap.Unit	I/P Rt.	Efficienc	Loss

1	Electric water heater	40 [Gal]	4500 [kW]	[Ef]	[Btu/h]

Ext-Lighting

	Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]
1	Ext Light 1	Building Entrance with (or free standing) Canopy	6	75	1050.00	Photo Sensor control	450.00

Piping

No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?
1	Domestic and Service Hot Water Systems	125.00	0.28	0.75	1.00	No

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SHGC	VLT
ASHULDblTntMtl-Oth frm	User Defined	2	0.9000	0.5000	0.4000

Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000

151	Matl151	CONC HW, DRD, 140LB, 4IN	No	0.4403	0.3333	0.7570	140.00	0.2000	☐
178	Matl178	CARPET W/RUBBER PAD	Yes	1.2300					☐
268	Matl268	0.625" stucco	No	0.1302	0.0521	0.4000	16.00	0.2000	☐
42	Matl42	8 in. Lightweight concrete block	No	2.0212	0.6670	0.3300	38.00	0.2000	☐
269	Matl269	.75" ISO BTWN24" oc	No	2.2321	0.0625	0.0280	4.19	0.3000	☐
11	Matl11	2 in. Insulation	No	6.6800	0.1670	0.0250	2.00	0.2000	☐
248	Matl248	ROOF GRAVEL OR SLAG1/2IN	No	0.0500	0.0417	0.8340	55.00	0.4000	☐

Constructs Used

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1004	Concrete floor, carpet and rubber pad	No	No	0.60	9.33	140.00	1.6703	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	151	CONC HW, DRD, 140LB, 4IN	0.3333	0.00	☐
2	178	CARPET W/RUBBER PAD		0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1011	5/8" stucco /8"CMU/3/4"ISO BTWN24"oc/.5" Gyp	No	No	0.21	5.73	34.65	4.8368	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	268	0.625" stucco	0.0521	0.00	☐
2	42	8 in. Lightweight concrete block	0.6670	0.00	☐
3	269	.75" ISO BTWN24" oc	0.0625	0.00	☐
4	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1027	Solid core flush (1.75")	No	Yes	0.61			1.6500	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	278	Solid core flush (1.75")		0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1045	Built-up Gravel/2" ISO/Mtl Deck	No	No	0.15	0.98	12.59	6.7300	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	248	ROOF GRAVEL OR SLAG1/2IN	0.0417	0.00	☐
2	11	2 in. Insulation	0.1670	0.00	☐

O'NEAL CONTRACTING, INC.

P.O. BOX 3505
818 HICKORY LANE
LAKE CITY, FLORIDA 32056

(386) 752-7578
FAX (386) 755-0240

June 29, 2007

I **John W. O'Neal**, do hereby authorize **Dave Royal** to be my representative and act on the behalf of **O'Neal Contracting, Inc.** in all aspects of applying for a building permit in **Columbia County**.

If you have any questions, please call me at (386) 752-7578.

Sincerely,

John W. O'Neal
Vice President

State of **FL**
County of **Columbia**

Sworn to and subscribed before me this **29th** day of **June, 2007** by **John W. O'Neal** who is personally known to me.

Notary Public

Cindy Edge
Commission # DD308375
Expires July 20, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019

Commission expires **July 20, 2008**
Commission No. **DD308375**

Prepared by and return to:
Joel F. Foreman, Esq.
FOREMAN & OLVERA, P.A.
492 West Duval Street
Post Office Box 550
Lake City, Florida 33056-0550

JFF:mbs
01/18/08

Inst:200812002197 Date:2/5/2008 Time:8:53 AM
Doc Stamp-Deed:0.70
DC,P.DeWitt Cason,Columbia County Page 1 of 2

SPECIAL WARRANTY DEED

THIS INDENTURE, made this 25th day of January 2008, between **DIOGENES F. DUARTE, M.D., P.A.**, hereinafter called the Grantor, and **JENTED, LLC**, a Florida Limited Liability Company with its principal place of business at 334 SW Commerce Drive, Suite 101, Lake City, Florida 32025, hereinafter called the Grantee.

WITNESSETH:

That Grantor, for and in consideration of the sum of TEN and No/100 ($10.00) DOLLARS, and other valuable consideration, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto to the Grantees, the lands situate in Columbia County, Florida, described as follows:

SECTION 33, TOWNSHIP 3 SOUTH, RANGE 16 EAST

COMMENCE AT THE SOUTHEAST CORNER OF THE NE 1/4 OF THE NE 1/4, SECTION 33, TOWNSHIP 3 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, AND RUN N 89°20' 14" W, ALONG THE SOUTH LINE OF SAID NE 1/4 OF THE NE 114, SECTION 33, A DISTANCE OF 30.12 FEET TO A CONCRETE MONUMENT AT ITS INTERSECTION WITH THE WEST RIGHT OF WAY OF TURNER ROAD AND THE POINT OF BEGINNING, THENCE CONTINUE N 89°20'14" W ALONG SAID SOUTH LINE OF THE NE 1/4 OF THE NE 1/4, SECTION 33, A DISTANCE OF 283.40 FEET TO A CONCRETE MONUMENT, THENCE N 0°39'46" 150.00 FEET TO A CONCRETE MONUMENT, THENCE S 89°20' 14" E, 296.56 FEET TO A CONCRETE MONUMENT ON SAID WEST RIGHT OF WAY LINE OF TURNER ROAD, THENCE S 5°50'28"W ALONG SAID WEST RIGHT OF WAY LINE 150.61 FEET TO THE POINT OF BEGINNING.

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD, the same in fee simple.

AND the Grantor hereby covenants with said Grantees that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good right and lawful authority to sell and convey said land, that the Grantor hereby warrants the title to said land and will defend the same against the lawful claims of all persons claiming by, through or under the said Grantor.

IN WITNESS WHEREOF, Grantor has hereunto set Grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in the presence of:

Mary B Summerfield
Witness
Mary B Summerfield
Print/type name of witness

Jennifer L Beatrice
Witness
Jennifer L Beatrice
Print/type name of witness

DIOGENES F. DUARTE, M.D., P.A.

Diogenes F. Duarte, President — Date 1/25/08

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 25th day of January, 2008 by Diogenes F. Duarte as president of DIOGENES F. DUARTE, M.D., P.A., who is personally known to me or has produced FL Dr. License as identification.

Jennifer L Beatrice
Notary Public – State of Florida
Jennifer L. Beatrice
Print/type name of notary public
My commission expires: 10/18/11

(SEAL)

JENNIFER L. BEATRICE
MY COMMISSION # DD 713801
EXPIRES: October 18, 2011
Bonded Thru Budget Notary Services

HHN Website

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001713

DATE: 02/25/2009 BUILDING PERMIT NO. 27654

APPLICANT JOHN O'NEAL PHONE 752-7578

ADDRESS 212 SE HICKORY DRIVE LAKE CITY FL 32025

OWNER JENTED. LLC PHONE 965-2553

ADDRESS 320 NW TURNER AVE LAKE CITY FL 32025

CONTRACTOR O'NEAL CONTRACTING PHONE 752-7578

LOCATION OF PROPERTY 90W. TR ON TURNER AVE., 500 FT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT

PARCEL ID # 33-3S-16-02440-001

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: John W. O'Neal

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

_____ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS:

SIGNED: DATE:

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

NOT ORIGINAL

REPORT OF GEOTECHNICAL EXPLORATION

Duarte Medical Office
Turner Avenue
Lake City, Columbia County, Florida
CTI Project No. 07-00582-01

- Prepared For -
Diogenes F. Duarte M.D., P.A.
334 SW Commerce Drive, Suite 1
Lake City, Florida 32055

- Prepared by -
Cal-Tech Testing, Inc.
P.O. Box 1625
Lake City, Florida 32056-1625

November 29, 2007

Cal-Tech Testing, Inc.
- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056 • Tel. (386) 755-3633 • Fax (386) 752-5456
4784 Rosselle Street • Jacksonville, FL 32254 • Tel. (904) 381-8901 • Fax (904) 381-8902
2230 Greensboro Highway • Quincy, FL 32351 • Tel. (850) 442-3495 • Fax (850) 442-4008

November 29, 2007

Diogenes F. Duarte M.D., P.A.
334 SW Commerce Drive, Suite 1
Lake City, Florida 32055

Attention: Ms. Theresa Duarte

Subject: Report of Geotechnical Exploration
Duarte Medical Office
Turner Avenue, Lake City, Columbia County, Florida
CTI Project No. 07-00582-01 (Rev. 1)

Dear Ms. Duarte:

Cal-Tech Testing, Inc. (CTI) has completed the subsurface exploration for the proposed new medical office building. Our work was planned and performed in general accordance with our proposal dated November 14, 2007, and per our telephone conversation of November 16, 2007 (scope of work was revised per a telephone conversation with you on November 16, 2007 which excluded pavement design and recommendations, and reduced the number of SPT borings within the building area).

The following report presents the results of our field exploration and testing, an evaluation of the subsurface conditions with respect to available project characteristics, and recommendations to aid in the design and construction of the proposed medical office building and retention pond design.

We have enjoyed assisting you on this project and look forward to serving as your geotechnical and construction materials testing consultant for the remainder of this and future projects. Should you have any questions concerning this report, please contact our office at 386-755-3633.

Sincerely,
CAL-TECH TESTING, INC.

David B. Brown
Executive Vice President

Nabil O. Hmeidan, P.E. 11/29/07
Senior Geotechnical Engineer
Licensed, Florida No. 57842

Distribution: File (1 copy)
Addressee (2 copies)
Mr. Bill Freeman – Freeman Design Group, Inc. (1 copy)

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APPENDIX

1.0 PROJECT INFORMATION

The purpose of this exploration was to develop information concerning the site and subsurface conditions in order to evaluate site preparation requirements and foundation support recommendations for the proposed medical office building. The subject site is located on the west side of Turner Avenue approximately 1,100 feet north of U.S. Highway No. 90 in Lake City, Columbia County, Florida. This report briefly describes our field activities and presents our findings.

We have been furnished with a preliminary site plan prepared by Freeman Design Group, Inc. dated November 8, 2007. We understand the proposed medical office building will have a plan area of an approximately 8,176 square feet. The building will consist of a single-story with Concrete Masonry Unit (CMU) walls supported on shallow foundation system. The development will include associated parking, landscaped and driveway areas. In addition, a retention pond will be constructed on the west side of the proposed building.

Detailed structural information has not been provided; however, we anticipate individual column loads will not exceed 25 kips. We have assumed that soil-supported ground floor loads (dead load plus live load) in the medical office building will not exceed 125 psf. We assume that less than two feet of earthwork fill will be required to achieve desired finished grade elevations.

2.0 FIELD EXPLORATION

The subsurface conditions were explored by performing two (2) Standard Penetration Test (SPT) borings extended to a depth of 15 feet below the existing ground surface. In addition, one (1) auger boring was performed within the proposed retention pond area and extended to a depth on 10 feet below the existing ground surface. A field permeability test was performed at the location of this auger boring. The SPT and auger borings were performed at the approximate locations shown on the attached Field Exploration Plan. These locations were determined in the field and measured by tape and turning approximate right angles from existing features (property corners). Therefore, the borings location should be considered only as accurate as the means and methods by which they were obtained.

The sampling and penetration procedures of the SPT borings were accomplished in accordance with ASTM D-1586, using a power rotary drill rig. The standard penetration tests were performed by driving a standard 1-3/8" I.D. and 2" O.D. split spoon sampler with a 140 pound hammer falling 30 inches. The number of hammer blows required to drive the sampler a total of 18 inches, in 6 inch increments, were recorded. The penetration resistance or "*N*" value is the summation of the last two 6 inch increments and is illustrated on the attached boring logs adjacent to their corresponding sample depths. The penetration resistance is used as an index to derive soil parameters from various empirical correlations.

The auger borings were performed manually using a bucket type auger. The auger borings were drilled in general accordance with ASTM D 1452-80 ("Soil Investigation and Sampling by Auger Borings"). Representative samples of the soils brought to the ground surface by the auger process were transported to our laboratory where they were visually classified.

The attached Generalized Subsurface Profile(s) graphically illustrates penetration resistances, groundwater levels (if any encountered), and soil descriptions. It should be noted the stratification lines and depth designations indicated on the boring records represent approximate boundaries between soil types. In some instances, the transition between these soil types may be gradual.

3.0 SITE AND SUBSURFACE CONDITIONS

3.1 Site Conditions

The existing site conditions were observed by our personnel during our field program. At the time of our visit, the ground surface was partially wooded and covered with underbrush. It appears the subject site was occupied by a residential structure. At time of our filed program, remnants of this structure(s) were noted on site. Topography of the subject property appear relatively level with elevation difference of approximately five feet across the subject property.

3.2 General Area Geology

A review of the site geology indicates the subject project is underlain by Undifferentiated Quaternary Sediments (**Qu**) of the Pleistocene and Holocene epochs. These sediments consist of siliciclastics, organics and freshwater carbonates. The silicicalstics are light gray, tan, brown to dark, unconsolidated to poorly consolidated, clean to clayey, silty, fossiliferous, variably organic-bearing sands to blue green to olive green, poorly to moderately consolidated, sandy, silty, clays. Freshwater carbonates "*marls*" are buff colored to tan, unconsolidated to poorly consolidated, fossiliferous (mollusks) carbonate muds containing organics.

3.3 USDA/NRCS Soil Survey

A brief review of the Columbia County, Florida USDA Soil Survey indicates the soils within the proposed retention pond area consist of **Alpin fine sand (Soil Map Unit No. 3)**, 0% to 5% slopes. Typically, the surface layer is grayish brown fine sand about 6 inches thick. The subsurface soil to 27 inches is pale brown fine sand, to a depth of 38 inches it is very pale brown fine sand, and to a depth of 52 inches it is very pale brown with light yellowish brown mottles. The subsoil to a depth of 80 inches or more is very pale brown fine sand and has common uncoated sand grains and common yellowish brown horizontal bands of loamy fine sand. The Alpin fine sand is of Hydrologic A[1]. The soil survey indicates the high water table at a depth greater than 6 feet below the ground surface.

---

1 Typically, soils assigned to Hydrologic Group "A" have a high infiltration rate when thoroughly wet, and have a high water transmission. These consist mainly of deep, well- to excessively-drained sands or gravelly sands.

3.4 Subsurface Conditions

A representation of the subsurface conditions encountered in the explored areas is shown on the attached Generalized Subsurface Profile. Initially, the soil profile as disclosed by SPT borings B-1 through B-4 consisted of about 12 inches of light to dark gray silty fine sand (SP-SM) with trace of organic (topsoil). This surficial cover was underlain by about 1½ to 2½ feet of light gray, silty fine sand (SM-SP). Beneath this stratum to the boring termination depths, the soil profile consisted of about 7½ to 12 feet of yellowish tan to light gray, silty fine sand (SP).

These soils have a relative density ranging from very loose to firm in relative density with Standard penetration resistance or "*N*" values ranging from 2 to 17 Blows Per Foot (BPF). As indicated on the attached Generalized Subsurface Profile, the very loose soils were generally encountered within the upper 5 feet of the existing ground surface.

3.5 Groundwater

At the time of completion of drilling, the groundwater was encountered in the SPT borings B-1 and B-2 at a depth of 11.8 feet and 10.6 feet, respectively. We note that due to the relatively short time frame of the field exploration, the groundwater may not have had sufficient time to stabilize. For a true groundwater level reading, piezometers may be required. In any event, fluctuation in groundwater levels should be expected due to seasonal climatic changes, construction activity, rainfall variations, surface water runoff, and other site-specific factors. Since groundwater level variations are anticipated, design drawings and specifications should accommodate such possibilities and construction planning should be based on the assumption that variations will occur.

4.0 RECOMMENDATIONS FOR FOUNDATION DESIGN & SITE PREPARATION

The recommendations presented in this report are based upon available project information, anticipated loading conditions, and data obtained during our field program. If the structural information is incorrect or the location of the structure changes, please contact this office so our recommendations may be reviewed and/or revised. Discovery of any site or subsurface condition during construction, which deviates from the data collected during this exploration, should be reported to us for evaluation. Assessment of site environmental conditions or presence of pollutants was beyond the scope of this exploration.

4.1 General

Based on our evaluation of the encountered subsoils, anticipated loading conditions and our past experience with similar projects, it is our professional opinion the subject site can be made suitable for the support of the proposed medical office building. The development should include the usual clearing, stripping and removal of surface vegetation, topsoil, existing construction debris (including any existing foundation system, concrete driveways, etc.), or any other deleterious materials that fall within the building area. This operation should be followed by proofrolling/compaction of the near surface in-situ soils and any additional fill soils required to achieve final grades.

4.2 Foundation Support

The test borings indicated the presence of very loose sandy soils within the upper 5 feet of the existing ground surface. The majority of these soils are considered suitable for reuse as structural fill, however, they are not considered acceptable for the support of the proposed building in their current conditions. To improve the density of the supporting soils, the upper 5 feet of the site soils within the building (including 5 feet outside the perimeter of the building) should be overexcavated, and recompacted as indicated herein.

Provided the foundation and site soils are prepared in accordance with the guidelines presented in this report, it is our opinion the proposed structure may be supported on a conventional shallow foundation system. The shallow foundation may be designed for an allowable bearing pressure of 2,500 pounds per square foot (psf) or less supported on **recompacted** soils or newly placed structural fill.

In using net pressures, the weight of the footing and backfill over the footing need not be considered. Hence, only loads applied at or above final grade need to be used for dimensioning footings. However, wall bearing footings should be designed with a minimum width of 18 inches, while the individual column footings should have minimum dimensions of 2 feet by 2 feet.

4.3 Settlement Analyses

Actual magnitude of settlement that will occur beneath foundations will depend upon variations within the subsurface soil profile, actual structural loading conditions, embedment depth of the footings, actual thickness of compacted fill or cut, and the quality of the earthwork operations. Assuming the foundation related site work and foundation design is completed in accordance with the enclosed recommendations, we estimate the total settlement of the structure will be on the order of 1 inch or less. Differential settlements (between adjacent columns or along the length of a continuous wall footing) should be approximately one-half of the total settlement. This settlement is primarily the result of elastic compression of the upper looser sands, and should occur almost immediately following the application of the structural dead load during construction.

4.4 Floor Slab

All unsuitable material (such as topsoil, organics, construction debris, etc.) located within the proposed building area (**including 5 feet outside the perimeter of the building**) should be overexcavated and recompacted or replaced with well-compacted structural fill. Exposed subgrade should be proofrolled with a fully-loaded, tandem-axle dump-truck or similar pneumatic-tired equipment. Provided the recompaction and proofrolling operations do not indicate significant deflecting or pumping of the existing subgrade, the floor slab may be designed as a slab-on-grade. Any soft or loose soils found during the proofrolling procedure should be undercut and replaced with suitable, well-compacted, engineered fill.

All floor slabs should be supported on at least 4 inches of relatively clean granular material, such as sand, sand and gravel, or crushed stone. This is to help distribute concentrated loads and equalize moisture beneath the slab. This granular material should have 100 percent passing the 1½ -inch sieve and a maximum of 10 percent passing the No. 200 sieve.

Based upon the soil conditions encountered at the subject site, the anticipated fill placement, and the recommended site preparation operations presented in this report, a modulus of vertical subgrade reaction (k) for the slab bearing soils of 175 pounds per square inch per inch of vertical deflection (pci) for the recommended structural fill compaction criteria.

4.5 Exposed Subgrade

Following excavation and backfilling, exposed soils in the building area (**including 5 feet outside the perimeter of the building**) should be compacted with overlapping passes of a relatively heavy weight vibratory drum roller having a total operating static weight (weight of fuel and water included) of at least 10 tons and a drum diameter of 5 feet. All exposed surfaces should be compacted to a minimum of 95 percent of the modified Proctor maximum dry density (**ASTM D-1557**) to a depth of at least 12 inches below the compacted surface.

4.6 Structural Fill/Backfill

Structural fill should be placed in thin loose lifts not exceeding 12 inches in thickness and compacted with a heavy roller as described above. For walk-behind equipment, a maximum loose lift thickness of 6 inches is recommended. Each lift should be thoroughly compacted with the vibratory roller to provide densities equivalent to at least 95 percent of the modified Proctor maximum dry density (ASTM D-1557). Structural fill should consist of an inorganic, non-plastic, granular soil containing less than 10 percent material passing the No. 200 mesh sieve (relatively clean sand with a Unified Soil Classification of SP or SP-SM).

Compaction of exposed soils in deeper excavations may cause pumping and/or yielding of the soils being compacted. The instability is caused by excess pore water pressure build-up in the subgrade soils being compacted. To allow this excess pore water pressure to dissipate, the contactor may temporarily halt the compaction operation or disengage the vibratory action of the compaction equipment. In any event, it is recommended to maintain a distance of at least two feet between the groundwater level and the compaction surface.

5.0 DRAINAGE CONSIDERATION

Based on our site observation and results of the field testing, the following soil parameters may be used to aid in the design of the proposed detention pond at the designated location:

Boring No.	Average Depth to Confining Layer	Approx. Test Depth[2]	Estimated Horizontal Hydraulic Conductivity	Approximate Vertical Unsaturated Infiltration	Fillable Porosity	Avg. depth of seasonal High Water Table
A-1	15'	3½'	20 ft./day	20.8 ft./day	25 %	>6'

6.0 REPORT LIMITATIONS

This report has been prepared for the exclusive use of the **Diogenes F. Duarte M.D., P.A. of Lake City, Florida,** for the specific application to the project discussed herein. Our conclusions and recommendations have been rendered using generally accepted standards of geotechnical engineering practice in the State of Florida. No other warranty is expressed or implied. **CTI** is not responsible for the interpretations, conclusions, opinions, or recommendations of others based on the data contained herein. We note that the assessment of environmental conditions for the presence of pollutants in the soil, rock, or groundwater at the site was beyond the scope of the exploration. Field observations, monitoring, and quality assurance testing during earthwork and foundation installation are an extension of the geotechnical design. We recommend that the owner retain these services and that **CTI** be allowed to continue our involvement in the project through these phases of construction.

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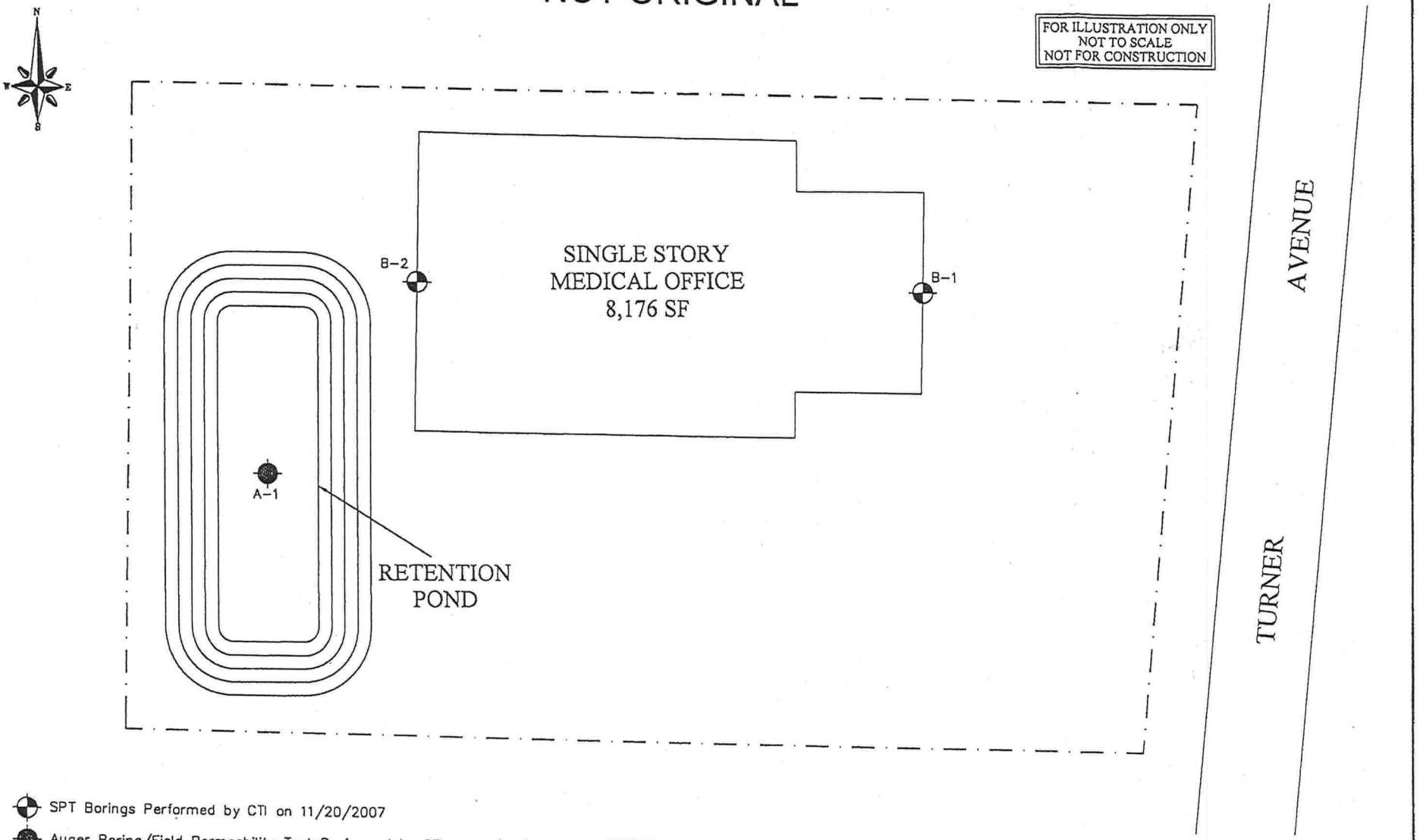
[2] *Measured below existing ground surface*

APPENDIX

NOT ORIGINAL

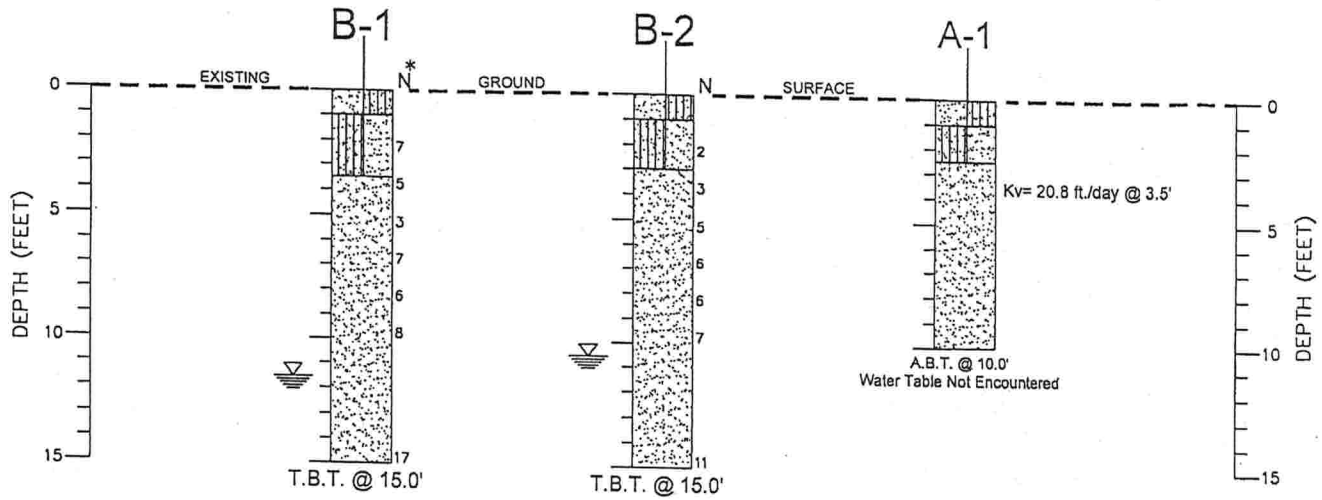


SPT Borings Performed by CTI on 11/20/2007

Auger Boring/Field Permeability Test Performed by CTI on 11/20/2007

SUBSURFACE EXPLORATION DUARTE MEDICAL OFFICE LAKE CITY, COLUMBIA COUNTY, FLORIDA	CAL-TECH TESTING, INC. P.O. Box 1625 Lake City, Florida 32056-1625 Phone: (386) 755-3633 Fax: (386) 752-5456	FIELD EXPLORATION PLAN Project No. 07-00582-01 | DATE: 11/21/2007 | FIGURE: 1 DRAWN: | APPROVED: | SCALE: N.T.S. | SHEET: 1/1

NOT ORIGINAL



LEGEND

- Light to dark gray, silty fine sand (SP–SM), trace of organic, TOPSOIL
- Light gray, silty fine sand (SM–SP)
- Yellowish tan to light gray, silty fine sand (SP)
- * Standard Penetration Resistance (Blows/ft.) Measured Using a Manual Hammer System
- Groundwater Level Measured at Completion
- T.B.T. Test Boring Terminated
- A.B.T. Auger Boring Terminated
- 15.0' Termination Depth

NOTE: Refer to report for additional information regarding groundwater conditions and potential fluctuations.

SUBSURFACE EXPLORATION
DUARTE MEDICAL OFFICE
LAKE CITY, COLUMBIA COUNTY, FLORIDA

CAL-TECH TESTING, INC.
P.O. Box 1625
Lake City, Florida 32056-1625
Phone: (386) 755-3633
Fax: (386) 752-5456

GENERALIZED SUBSURFACE PROFILE

Project No. 07-00582-01	DATE: 11/21/2007	FIGURE: 2
DRAWN:	APPROVED:	SCALE: N.T.S.	SHEET: 1/1

COLUMBIA COUNTY BUILDING DEPARTMENT

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 WITH 2005 & 2006 Supplements

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES. ALL PLANS OR DRAWING SHALL PROVIDED CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FBC FIGURE 1609 STATE OF FLORIDA WIND-BORNE DEBRIS REGION & BASIC WIND SPEED MAP

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ---------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ---------- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

GENERAL REQUIREMENTS:

All drawings must be clear, concise and drawn to scale. details that are not used shall be marked void.
If the design professional is an architect or engineer legally registered under the laws of this state regulating the practice of architecture as provided for in Chapter 481, Florida Statutes, Part I, or engineering as provided for in Chapter 471, Florida Statutes, then he or she shall affix his or her official seal to said drawings, specifications and accompanying data, as required by Florida Statute.

- **Two (2) complete sets of plans containing the following information**:

Building

1. Site requirements:
   - Parking
   - Fire access
   - Vehicle loading
   - Driving/turning radius
   - Fire hydrant water supply/post indicator valve (PIV)
   - Set back/separation (assumed property lines)
   - Location of specific tanks, water lines and sewer lines
   - All exterior elevations views
   - Total height of structure form established grade

2. Occupancy group use and special occupancy requirements.

3. Minimum type of permitted construction by code for occupancy use.

4. Fire-resistant construction requirements shall be shown, include the following components:
   - Fire-resistant separations
   - Fire-resistant protection for type of construction
   - Protection of openings and penetrations of rated walls
   - Fire blocking and draftstopping and calculated fire resistance

5. Fire suppression systems shall be shown include:
   - Early warning smoke evacuation systems Schematic fire sprinklers
   - Standpipes
   - Pre-engineered systems
   - Riser diagram

6. Life safety systems shall be shown include the following requirements:
    - Occupant load and egress capacities
    - Early warning
    - Smoke control
    - Stair pressurization
    - Systems schematic

7. Occupancy load egress requirements shall be shown include:
    - Occupancy load
    - Gross
    - Net
    - Means of egress
    - Exit access
    - Exit
    - Exit discharge
    - Stairs construction/geometry and protection
    - Doors
    - Emergency lighting and exit signs
    - Specific occupancy requirements
    - Construction requirements
    - Horizontal exits/exit passageways

8. Structural requirements shall be shown include:
    - Soil conditions/analysis
    - Termite protection
    - Design loads
    - Wind requirements
    - Building envelope
    - Structural calculations (if required)
    - Foundation
    - Wall systems
    - Floor systems
    - Roof systems
    - Threshold inspection plan
    - Stair systems

9. Materials shall be shown include the following:
    - Wood
    - Steel
    - Aluminum
    - Concrete
    - Plastic
    - Glass
    - Masonry
    - Gypsum board and plaster
    - Insulating (mechanical)
    - Roofing
    - Insulation

10. Accessibility requirements shall be shown include the following:
    - Site requirements
    - Accessible route
    - Vertical accessibility
    - Toilet and bathing facilities
    - Drinking fountains
    - Equipment
    - Special occupancy requirements

- Fair housing requirements

11. Interior requirements shall include the following:
    - Interior finishes (flame spread smoke development)
    - Light and ventilation
    - Sanitation

12. Special systems:
    - Elevators
    - Escalators
    - Lifts

13. Swimming pools:
    - Barrier requirements
    - Spas
    - Wading pools

14. Electrical:
    - Wiring
    - Services
    - Feeders and branch circuits
    - Overcurrent protection
    - Grounding
    - Wiring methods and materials
    - GFCIs
    - Equipment
    - Special occupancies
    - Emergency systems
    - Communication systems
    - Low voltage
    - Load calculations

15. Plumbing
    - Minimum plumbing facilities
    - Fixture requirements
    - Water supply piping
    - Sanitary drainage
    - Water heaters
    - Vents
    - Roof drainage
    - Back flow prevention
    - Irrigation
    - Location of water supply line
    - Grease traps
    - Environmental requirements
    - Plumbing riser

16. Mechanical
    - Energy calculations
    - Exhaust systems:
        - Clothes dryer exhaust
        - Kitchen equipment exhaust
        - Specialty exhaust systems
    - Equipment:
    - Equipment location:
        - Make-up air
        - Roof-mounted equipment
        - Duct systems

- Ventilation
- Combustion air
- Chimneys, fireplaces and vents
- Appliances
- Boilers
- Refrigeration
- Bathroom ventilation
- Laboratory

17. Gas

- Gas piping
- Venting
- Combustion air
- Chimneys and vents
- Appliances
- Type of gas
- Fireplaces
- LP tank location
- Riser diagram/shutoffs

- **Notice Of Commencement:**

A Recorded (in the Columbia County Clerk Office) **Notice Of Commencement is required to be filed with the building department Before Any Inspections Will Be Done**

- **Disclosure Statement for Owner Builders**
- Private Potable Water:
  - Size of pump motor
  - Size of pressure tank
  - Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

- **1.Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all construction projects.

- **2. Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser is required.
  A copy of property deed is also requested. (386) 758-1084

- **3.Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic tank approval or sewer tap is required (386)758-1058

- **4.City Approval:** If the project is located within the city limits of the Town of Fort White prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit.

- **5.<u>Flood Information:</u>** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) **has been** established shall meet the requirements of section 8.8 of the Columbia County Land Development Regulations. Any project that is located within a flood zone where the base flood elevation (100 year flood) **has not been** established shall meet the requirements of section 8.7 of the Columbia County Land Development Regulations. **<u>CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.</u>**
  A development permit will also be required. **The development permit cost is $10.00**

- **6.<u>Driveway Connection:</u>** If the property does not have an existing access to a public road, then an application for a culvert permit must be made **($5.00)**. Culvert installation for commercial, industrial and other uses shall **conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications**. If the project is to be located on a F.D.O.T. maintained road, then an F.D.O.T. access permit is required.

- **7.<u>Suwannee River Water Management District Approval:</u>** All commercial projects must have an SRWMD permit issued or an exemption letter, before a building will be issued.

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. NOFICATION WILL BE GIVEN WHEN THE APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT.

PRODUCT APPROVAL SPECIFICATION SHEET

Location:_____ **Project Name:**_____

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			FL# 3101
1. Swinging	WINDSOR REPUBLIC	METAL FLUSH DOOR	
2. ~~Sliding~~			
3. ~~Sectional~~			
4. ~~Roll up~~			
5. ~~Automatic~~			
6. ~~Other~~			
B. WINDOWS			
1. ~~Single hung~~			
2. ~~Horizontal Slider~~			
3. ~~Casement~~			
4. ~~Double Hung~~			
5. Fixed	MI	185/3185 FIXED FLG. WINDOW	FL# 6690.2
6. ~~Awning~~			
7. ~~Pass-through~~			
8. ~~Projected~~			
9. ~~Mullion~~			
10. ~~Wind Breaker~~			
11 ~~Dual Action~~			
12. ~~Other~~			
C. PANEL WALL			
1. ~~Siding~~			
2. ~~Soffits~~			
3. ~~EIFS~~			
4. Storefronts	VISTAWALL	VISTAWALL 3000	FL# 2484.4
5. ~~Curtain walls~~			
6. ~~Wall louver~~			
7. ~~Glass block~~			
8. ~~Membrane~~			
9. ~~Greenhouse~~			
10. ~~Other~~			
D. ROOFING PRODUCTS			
1. ~~Asphalt Shingles~~			
2. ~~Underlayments~~			
3. ~~Roofing Fasteners~~			
4. ~~Non-structural Metal Rf~~			
5. ~~Built-Up Roofing~~			
6. Modified Bitumen	JOHNS MANVILLE	MODIFIED BITUMEN	FL# 2122
7. ~~Single Ply Roofing Sys~~			
8. ~~Roofing Tiles~~			
9. ~~Roofing Insulation~~			
10. Waterproofing			
11. ~~Wood shingles /shakes~~			
12. ~~Roofing Slate~~			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection

David Royal

Contractor or Contractor's Authorized Agent Signature

DAVID ROYAL 12/16/08

Print Name Date

Location

Permit # **(FOR STAFF USE ONLY)**

Columbia County 9-1-1 Addressing / GIS Department
P.O. Box 1787, Lake City, FL 32056
Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com

9-1-1 Address Request Form

NOTE: ADDRESS ASSIGNMENT MAY REQUIRE UP TO 10 WORKING DAYS. IF THE ADDRESSING DEPARTMENT NEEDS TO CONDUCT ON SITE GPS LOCATION IDENTIFICATION, ADDITIONAL TIME MAY BE REQUIRED.

Date of Request: _____

Requester Last Name: _____

First Name: _____

Contact Telephone Number: _____

(Cell Phone Number if Provided): _____

Requested for Self: _____ or Requested for Company: _____
(check one)
If Address is Requested by a Company, Provide Name of Requesting Company:

_____

Parcel Identification Number: ____ - ____ - ____ - _____

If in Subdivision, Provide Name Of Subdivision:

_____

Phase or Unit Number (if any): _____ Block Number (if any): _____

Lot Number: _____

Attach Site Plan or you may use back of Request Form for Site Plan:

Requirements for Site Plan Are Listed on Back of Request From:
(NOTE: Site Plan Does NOT have to be a survey or to scale; FURTHER a Environmental Health Dept. Site Plan showing only a 210 by 210 cutout of a property will NOT suffice for Addressing Requirements.)

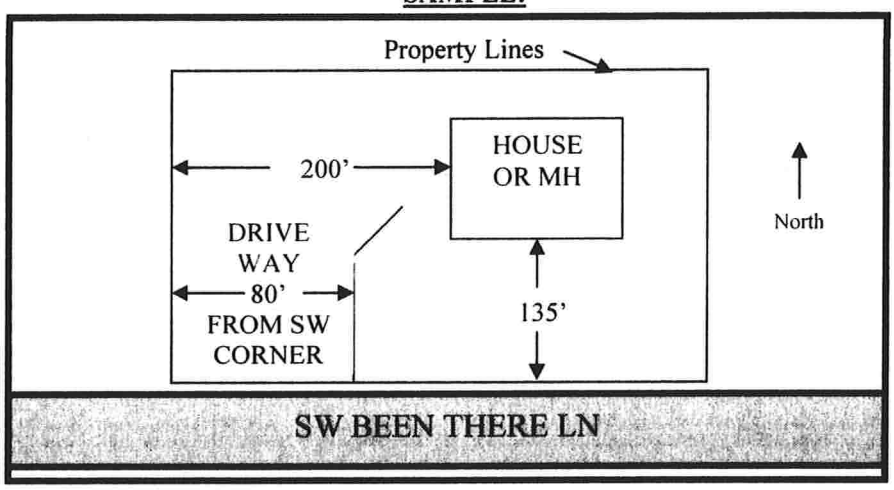
Addressing / GIS Department Use Only:

Date Received: _____ Date Assigned: _____

ID Number: _____

1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



SITE PLAN BOX:

SUWANNEE
RIVER
WATER
MANAGEMENT
DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX (386) 362-1056

GENERAL PERMIT

PERMITTEE:
FAISAL LTD PARTNERSHIP
PO BOX 3009
LAKE CITY, FL 32056

PERMIT NUMBER: ERP96-0305M
DATE ISSUED: 12/10/2008
DATE EXPIRES: 12/10/2011
COUNTY: COLUMBIA
TRS: S7/T4S/R17E

PROJECT: FAISAL MEDICAL BUILDING MODIFICATION

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

MOHAMMAD A. FAISAL
FAISAL LTD PARTNERSHIP
PO BOX 3009
LAKE CITY, FL 32056

DUPLICATE

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource general permit is in effect for the permitted activity description below:

Previous permit issued for 2.05 acres of impervious surface on 4.10 acres. Modification consists of construction and operation of a surfacewater management system serving 2.37 acres of impervious surface on a total project area of 4.10 acres in a manner consistent with the application package submitted by Crews Engineering Services, LLC, certified on December 1, 2008.

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing or mediation. Please refer to enclosed notice of rights.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400, F.A.C. A general permit authorizes the construction, operation, maintenance, alteration, abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

Standard Conditions for All General Permits:

1. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.

2. Water quality data representative of the water discharged from the permitted system, including, but not limited to, the parameters in chapter 62-302, F.A.C., shall be submitted to the District as required. If water quality data are required, the permittee shall provide data as required on the volume and rate of discharge including the total volume discharged during the sampling period. All water quality data shall be in accordance with and reference the specific method of analysis in "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association or "Methods for Chemical Analysis of Water and Wastes" by the U.S. Environmental Protection Agency.

3. The operational and maintenance phase of an environmental resource permit will not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. If required by the District, such as-built certification shall be made by an engineer or surveyor. Within 30 days after the completion of construction of the system, the permittee shall notify the District that the facilities are complete. If appropriate, the permittee shall request transfer of the permit to the responsible entity approved by the District for operation and maintenance. The District may inspect the system and, as necessary, require remedial measures as a condition of transfer of the permit or release for operation and maintenance of the system.

4. Off-site discharges during and after construction shall be made only through the facilities authorized by the permit. Water discharged from the project shall be through structures suitable for regulating upstream stage if so required by the District. Such discharges may be subject to operating schedules established by the District.

5. The permit does not convey to the permittee any property right nor any rights or privileges other than those specified in the permit and chapter 40B-1, F.A.C.

6. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, operation, maintenance, alteration, abandonment, or development in a Works of the District which is authorized by the permit.

7. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.

8. It is the responsibility of the permittee to obtain all other clearances, permits, or authorizations required by any unit of local, state, or federal government.

9. The surfacewater management system shall be constructed prior to or concurrent with the development that the system is intended to serve and the system shall be completed within 30 days of substantial completion of the development which the system is intended to serve.

10. Except for General Permits After Notice or permits issued to a unit of government, or unless a different schedule is specified in the permit, the system shall be inspected at least once every third year after transfer of a permit to operation and maintenance by the permittee or his agent to ascertain that the system is being operated and maintained in a manner consistent with the permit. A report of inspection is to be sent to the District within 30 days of the inspection date. If required by chapter 471, F.S., such inspection and report shall be made by an engineer.

11. The permittee shall allow reasonable access to District personnel or agents for the purpose of inspecting the system to insure compliance with the permit. The permittee shall allow the District, at its expense, to install equipment or devices to monitor performance of the system authorized by their permit.

12. The surfacewater management system shall be operated and maintained in a manner which is consistent with the conditions of the permit and chapter 40B-4.2040, F.A.C.

13. The permittee is responsible for the perpetual operation and maintenance of the system unless the operation and maintenance is transferred pursuant to chapter 40B-4.1130, F.A.C., or the permit is modified to authorize a new operation and maintenance entity pursuant to chapter 40B-4.1110, F.A.C.

14. All activities shall be implemented as set forth in the plans, specifications and performance

criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit.

15. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.

16. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.

17. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site-specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

18. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

19. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40B-1.901(14) indicating the actual start date and the expected completion date.

20. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40B-1.901(15). These forms shall be submitted during June of each following year.

21. For those systems which will be operated or maintained by an entity requiring an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance

documents as are required by Paragraph 40B-4.2030(2)(g), F.A.C., and Rule 40B-4.2035, F.A.C., must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of District rules will be approved. Deed restrictions, easements and other operation and maintenance documents which require recordation either with the Secretary of State or Clerk of the Circuit Court must be so recorded prior to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

22. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.

23. Within 30 days after completion of construction of the permitted system, or independent portion of the system, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, using the supplied As-Built Certification Form No. 40B-1.901(16) incorporated by reference in Subsection 40B-1.901(16), F.A.C. When the completed system differs substantially from the permitted plans, any substantial deviations shall be noted and explained and two copies of as-built drawings submitted to the District. Submittal of the completed form shall serve to notify the District that the system is ready for inspection. The statement of completion and certification shall be based on on-site observation of construction (conducted by the registered professional engineer, or other appropriate individual as authorized by law, or under his or her direct supervision) or review of as-built drawings for the purpose of determining if the work was completed in compliance with approved plans and specifications. As-built drawings shall be the permitted drawings revised to reflect any changes made during construction. Both the original and any revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed dimensions and elevations shall be certified by a registered surveyor. The following information, at a minimum, shall be verified on the as-built drawings:

a. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps, pipes, and oil and grease skimmers;

b. Locations, dimensions, and elevations of all filter, exfiltration, or underdrain systems including

cleanouts, pipes, connections to control structures, and points of discharge to the receiving waters;

c. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;

d. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system;

e. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system;

f. Existing water elevation(s) and the date determined; and

g. Elevation and location of benchmark(s) for the survey.

24. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of the condition in paragraph 23 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with Rule 40B-4.2035, F.A.C., accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the approved responsible operation and maintenance operating entity if different from the permittee. Until the permit is transferred pursuant to Rule 40B-4.1130, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

25. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior to implementation so that a determination can be made whether a permit modification is required.

26. This permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and in this chapter and Chapter 40B-4, F.A.C.

27. The permittee is hereby advised that Section 253.77, F.S., states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other

lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

28. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under 40B-400.046, F.A.C., provides otherwise.

29. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rule 40B-4.1130, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.

30. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.

31. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by _____ Date Approved 12/10/08
District Staff

_____ _____
Clerk Executive Director

NOTICE OF RIGHTS

1. A person whose substantial interests are or may be determined has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District), or may choose to pursue mediation as an alternative remedy under Section 120.569 and 120.573, Florida Statutes, before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth in Sections 120.569 and 120.57 Florida Statutes. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). A petition must comply with Chapter 28-106, Florida Administrative Code.

2. If the Governing Board takes action which substantially differs from the notice of District decision to grant or deny the permit application, a person whose substantial interests are or may be determined has the right to request an administrative hearing or may chose to pursue mediation as an alternative remedy as described above. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). Such a petition must comply with Chapter 28-106, Florida Administrative Code.

3. A substantially interested person has the right to a formal administrative hearing pursuant to Section 120.569 and 120.57(1), Florida Statutes, where there is a dispute between the District and the party regarding an issue of material fact. A petition for formal hearing must comply with the requirements set forth in Rule 28-106.201, Florida Administrative Code.

4. A substantially interested person has the right to an informal hearing pursuant to Section 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.

5. A petition for an administrative hearing is deemed filed upon receipt of the petition by the Office of the District Clerk at the District Headquarters in Live Oak, Florida.

6. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing pursuant to Rule 28-106.111, Florida Administrative Code.

7. The right to an administrative hearing and the relevant procedures to be followed is governed by Chapter 120, Florida Statutes, and Chapter 28-106, Florida Administrative Code.

8. Pursuant to Section 120.68, Florida Statutes, a person who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to the Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.

9. A party to the proceeding before the District who claims that a District order is inconsistent with the provisions and purposes of Chapter 373, Florida Statutes, may seek review of the order pursuant to Section 373.114, Florida Statutes, by the Florida Land and Water Adjudicatory Commission, by filing a request for review with the Commission and serving a copy of the Department of Environmental Protection and any person named in the order within 20 days of adoption of a rule or the rendering of the District order.

10. For appeals to the District Courts of Appeal, a District action is considered rendered after it is signed on behalf of the District, and is filed by the District Clerk.

11. Failure to observe the relevant time frames for filing a petition for judicial review, or for Commission review, will result in waiver of the right to review.

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Notice of Rights has been sent by U.S. Mail to:

FAISAL LTD PARTNERSHIP
PO BOX 3009
LAKE CITY, FL 32056

At 4:00 p.m. this 12 day of Dec, 2008

Jon M. Dinges
Deputy Clerk
Suwannee River Water Management District
9225 C.R. 49

Live Oak, Florida 32060
386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP96-0305M

#27654

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625
4784 Rosselle St. • Jacksonville, FL 32254
2230 Greensboro Hwy., Quincy, FL 32351

Lake City • (386) 755-3633
Fax • (386) 752-5456

Jacksonville • (904) 381-8901
Fax • (904) 381-8902

Quincy • (850) 442-3495
Fax • (850) 442-4008

JOB NO.: 09-108
DATE TESTED: 3-10-09

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: ✓ (D-2922) Nuclear _____ (D-2937) Drive Cylinder _____ Other

PROJECT: Duarte Medical Office

CLIENT: O'Neal Contracting

GENERAL CONTRACTOR: SAC

EARTHWORK CONTRACTOR: Norton's Home Imp.

SOIL USE (SEE NOTE): 1 - Footing

SPECIFICATION REQUIREMENTS: 95%

TECHNICIAN: C. Day

MODIFIED (ASTM D-1557): ✓

STANDARD (ASTM D-698): _____

TEST NO.	TEST LOCATION	TEST: ___DEPTH ___ELEV. ___LIFT	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST PERCENT	% MAX. DENS.
1	Column Pad at S.E. Corner of Bldg.	12"	1	114.0	105.5	8.1	98
2	S.E. Corner of footing 20' West	12"	1	116.7	106.2	9.9	98
3	S.W. Corner of footing 30' East	12"	1	114.4	102.9	11.2	95
4	S.W. Corner of footing 25' North	12"	1	114.1	105.7	7.9	98
5	N.W. Corner of footing 10' East	12"	1	114.4	105.3	8.7	98
6	N.E. Corner of footing 35' West	12"	1	116.0	103.1	12.5	96
7	Column Pad at N.E. Corner of Bldg.	12"	1	114.4	106.7	7.2	99

REMARKS: _____

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
09-024-1	Tan Fine Sand	108	11

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other

27654

Donald F. Lee & Associates, Inc.

Surveyors & Engineers

140 NW Ridgewood Avenue
Lake City, Florida 32055
(386) 755-6166
Fax (386) 755-6167
donald@dfla.com

Wednesday, March 25, 2009

TO: Columbia County Building Department

CC: O'Neal Construction

RE: Floor Elevation Check – Dr. Duarte's Office (Jented, LLC) on Turner Rd.
Parcel No. 33-3S-16-02440-001

Elevations (based on a design survey benchmark) were obtained on the finished floor (stemwall) for a foundation (Dr. Duarte's Office) under construction on the above referenced property. The results are as follows:

Building Floor (at stemwall): 162.00'

SIGNED: _____
Timothy A. Delbene, PLS
Florida Reg. Cert. No. 5594

DATE: 3/25/2009

27654

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625
4784 Rosselle St. • Jacksonville, FL 32254
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Fax • (386) 752-5456

Jacksonville • (904) 381-8901
Fax • (904) 381-8902

Quincy • (850) 442-3495
Fax • (850) 442-4008

JOB NO.:
DATE TESTED:

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: ✓ (D-2922) Nuclear _____ (D-2937) Drive Cylinder _____ Other

PROJECT: Duarte Medical Office

CLIENT: O'Neal Contracting

GENERAL CONTRACTOR: SAC

EARTHWORK CONTRACTOR: SAC

SOIL USE (SEE NOTE): #1

SPECIFICATION REQUIREMENTS: 95%

TECHNICIAN: David Henry

MODIFIED (ASTM D-1557): ✓

STANDARD (ASTM D-698): _____

TEST NO.	TEST LOCATION	TEST: ___DEPTH ___ELEV. ___LIFT	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST PERCENT	% MAX. DENS.
8	35'N x 44'W of SE Corner	12"	09-021	111.8	107.4	4.1	100
9	6'S x 19'W of NE Corner	"	"	111.2	106.1	4.8	98
10	5'N x 12'W of SE Corner	"	"	110.2	105.9	4.1	98
11	26'N x 8'E of SW Corner	"	"	108.0	103.8	4.9	95

REMARKS: _____

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
09-021-1	Tan Fine Sand	108.6	11.0

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other

ATN Webbie

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001713

DATE: 02/25/2009 BUILDING PERMIT NO. 27654

APPLICANT JOHN O'NEAL PHONE 752-7578

ADDRESS 212 SE HICKORY DRIVE LAKE CITY FL 32025

OWNER JENTED, LLC PHONE 965-2553

ADDRESS 320 NW TURNER AVE LAKE CITY FL 32025

CONTRACTOR O'NEAL CONTRACTING PHONE 752-7578

LOCATION OF PROPERTY 90W, TR ON TURNER AVE., 500 FT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT

PARCEL ID # 33-3S-16-02440-001

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: John W. O'Neal

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: 77-72

SIGNED: Rodney Futch DATE: 3-4-09

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

RECEIVED
FEB 26 2009
By _____

COLUMBIA COUNTY FLORIDA

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Rd.
Lake City, FL 32055
386/755-9021

25 MAR 2009

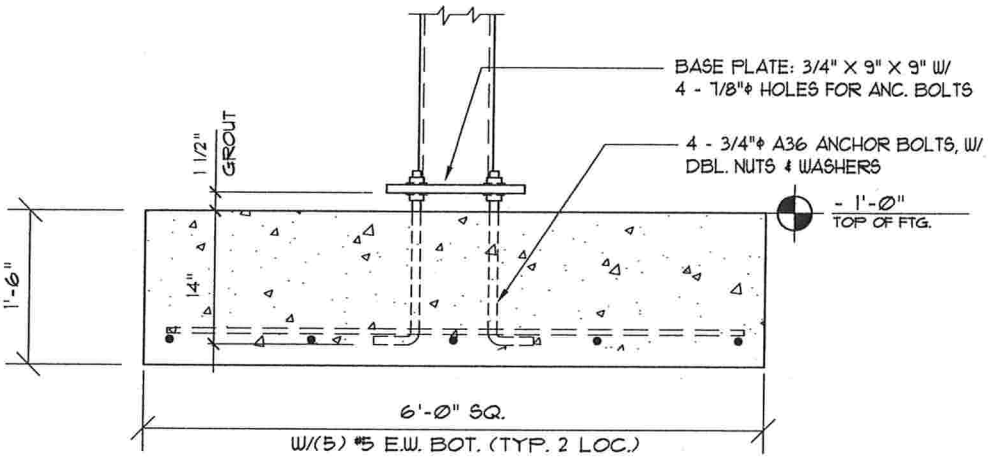
BUILDING OFFICIAL
COLUMBIA COUNTY BUILDING DEPARTMENT

DR. DUARTE OFFICE BUILDING
320 NW TURNER AVE.
COLUMBIA COUNTY, FLORIDA
PERMIT Nr.: 27654

DEAR SIR:

PLEASE BE ADVISED THAT THE FOLLOWING REVISIONS HAVE BEEN MADE TO THE ABOVE REFERENCED PROJECT:

(1) INTERIOR SPREAD FTG. IN-LIEU OF MONOLITHIC INTERIOR COLUMNS.



INTERIOR COLUMN FTG. DETAIL

SHOULD YOU HAVE ANY QUESTIONS, PLEASE DO NOT HESITATE TO CALL FOR ANY ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

COLUMBIA COUNTY FIRE / RESCUE

P.O. BOX 1529 Lake City, Florida 32056
Office (386) 754-7071 Fax (386) 754-7064

David L. Boozer
Division Chief

19 August 2009

TO: Columbia County Building and Zoning
Attention: Harry Dicks

FROM: David L. Boozer
Division Chief / Fire Marshal
Florida State Fire Inspector #146596

RE: Permit # 27654
O'Neal Contracting, Inc.
Doctors Office, 320 NW Turner Road

A Fire Safety Inspection was performed today of the doctors office located at 320 NW Turner Road. At the time of my inspection I found that the building met the requirements as outlined in Chapter 38 of the Florida Fire Prevention Code, 2007 edition, with the exception of the following features,

- Smoke detector to be located in storage area
- Signage indicating Pull Station on both, Pull Stations, located in the Waiting Room.
- Phone lines installed to provide Fire Alarm Monitoring

Mr. Nash, of O'Neal construction, was notified and aware of problem and will insure changes to be made immediately and will contact me when changes are made.

I recommend approval.

Sincerely,

David L. Boozer

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 33-3S-16-02440-001 **Building permit No.** 000027654

Use Classification DOCTOR'S OFFICE/COMM **Fire:** 174.50

Permit Holder O'NEAL CONTRACTING **Waste:** 0.00

Owner of Building JENTED, LLC **Total:** 174.50

PER MARSHA MOORE

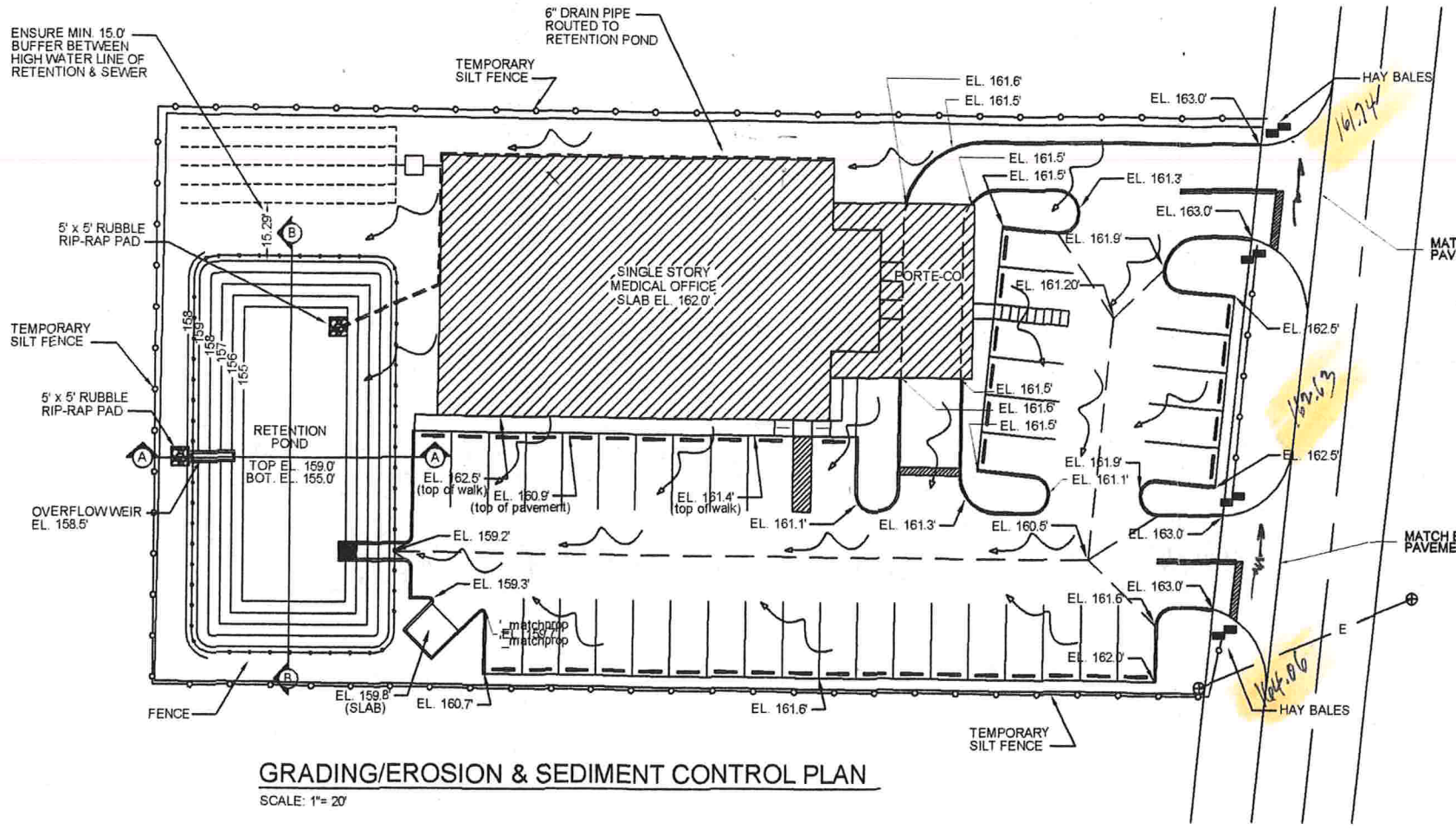
Location: 320 NW TURNER AVE., LAKE CITY, FL

Date: 08/21/2009

Harry Dicks

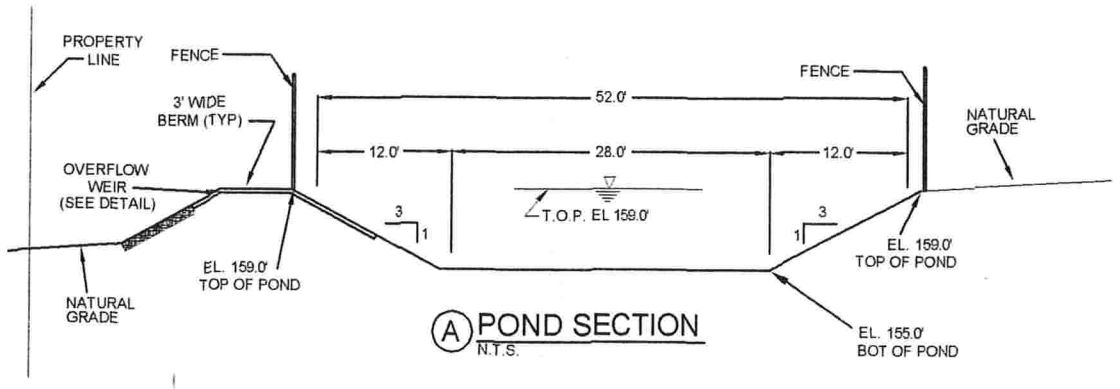
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

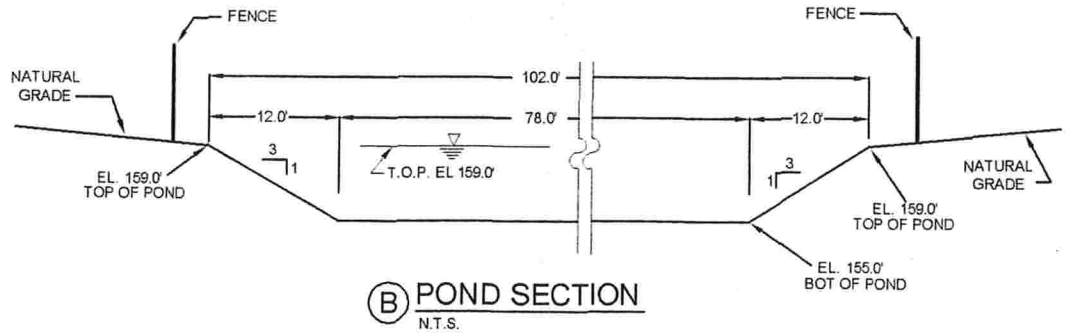


GRADING/EROSION & SEDIMENT CONTROL PLAN

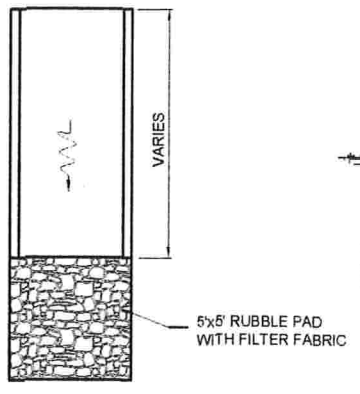
SCALE: 1"= 20'



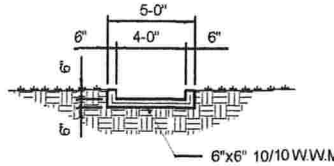
Ⓐ POND SECTION
N.T.S.



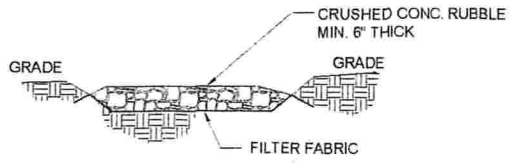
Ⓑ POND SECTION
N.T.S.



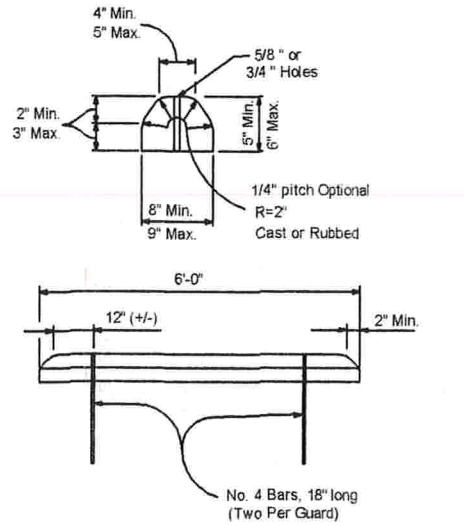
PLAN
NTS



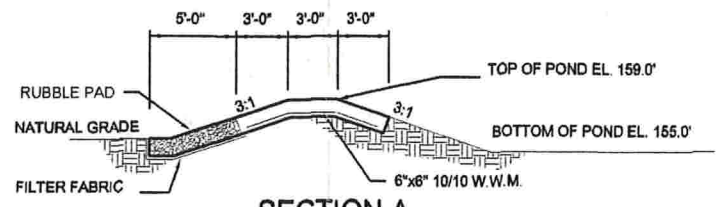
FLUME SECTION
NTS



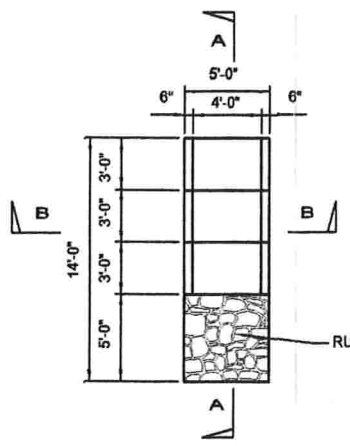
RUBBLE PAD DETAIL
NTS



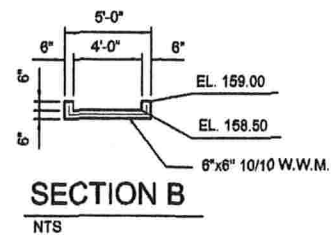
CONCRETE WHEEL STOP
NTS



SECTION A
NTS



PLAN
NTS



SECTION B
NTS

OVERFLOW WEIR DETAILS

Willam H Freeman
12/13/07

DUARTE MEDICAL OFFICE

161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386) 758-4209
CERTIFICATE OF AUTHORIZATION # 00006701
Freeman Design Group

DATE 12/12/07	DRAWN BY JTD
	APPROVED WHF
REVISIONS	
SHEET SP - 4	
OF 5	
PROJECT NO 07.0053	

APPROVED DUPLICATE PLANS
SUWANNEE RIVER WATER MANAGEMENT DISTRICT
REVIEWER INITIALS: LM

FAISAL MEDICAL BUILDING

FOR:
DR. MOHAMMAD FAISAL
GENERAL MANAGER, FAISAL FAMILY LTD PARTNERSHIP
PO BOX 3009
LAKE CITY, FL 32056
PHONE: 386.758.5985

CES
Crews Engineering Services, LLC

P.O. BOX 970
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PHONE: 386.754.4085
www.crewsengineeringservices.com

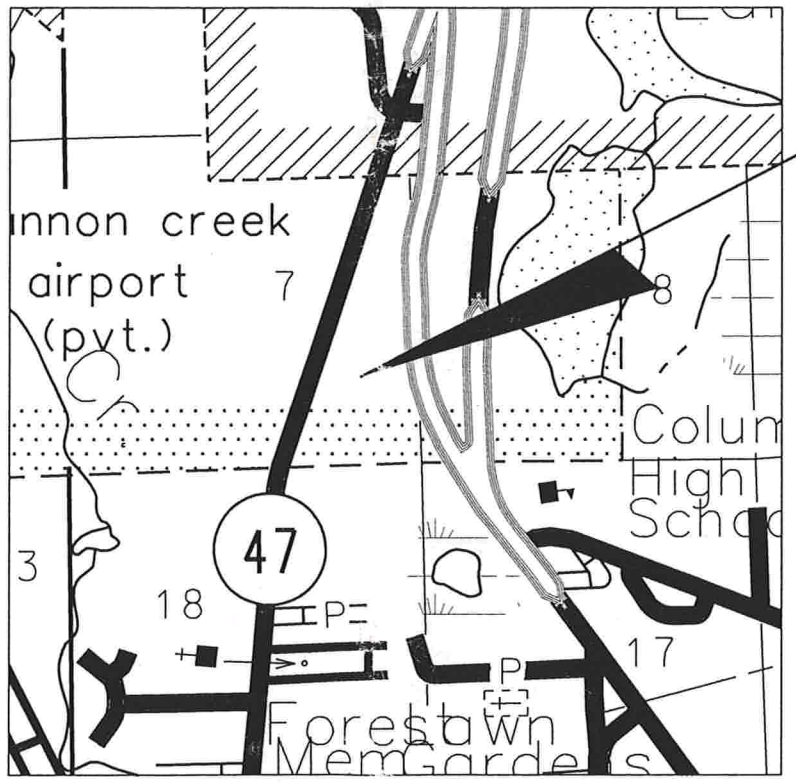
CERTIFICATE OF AUTHORIZATION: NO. 28022

BRETT A. CREWS, P.E. 65592

Brett A. Crews
12-1-08

REVISIONS

10-29-2008 DESIGN CHANGE PER CLIENT
11-26-2008 RAI RESPONSE TO SRWMD



LOCATION MAP

SECTION 7, TOWNSHIP 4 SOUTH, RANGE 17 EAST
COLUMBIA COUNTY, FLORIDA

PARCEL ID: 07-4S-17-08130-003

INDEX OF SHEETS

CES PROJECT ID:
2008-019

RECEIVED
SRWMD
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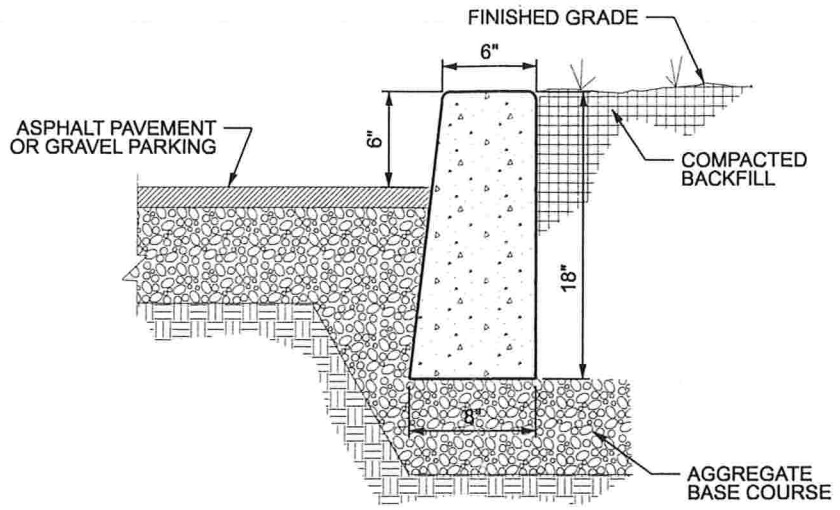
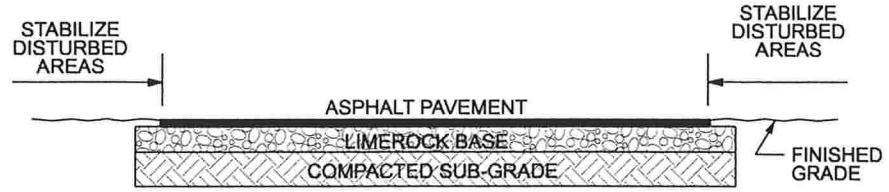
GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH DIFFERENCES IMMEDIATELY & PRIOR TO PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE AT ALL TIMES IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.
3. BOUNDARY AND TOPOGRAPHICAL SURVEY IS PROVIDED BY DUREN MARK D., PSM (#4708).
4. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.
5. CONTRACTORS SHALL ADHERE TO THE STORMWATER POLLUTION PREVENTION PLAN AND USE (AS A MINIMUM) THE MEASURES DESCRIBED ON THE EROSION CONTROL NOTES AND DETAILS SHEET.
6. THE STORMWATER MANAGEMENT SYSTEM IS DESIGNED TO MEET SRWMD REQUIREMENTS.
7. EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, UNLESS OTHERWISE SPECIFIED IN THE PLANS.
8. ALL EXISTING UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. THIS INCLUDES VERIFYING LOCATION (HORIZONTAL AND VERTICAL) AT ANY CONNECTION POINT OF THE EXISTING UTILITY. THE ENGINEER SHALL BE NOTIFIED IMEDIATLEY OF ANY DISCREPENCIES EXIST BETWEEN THE CONSTRUCTION PLANS AND ACTUAL FIELD CONDITIONS. EXISTING UTILITIES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY AND SHALL BE VERIFIED IN THE FIELD BY NON-DESTRUCTIVE METHODS.
9. THE CONTRACTOR SHALL WASTE ALL EXCESS EARTH ON SITE AS DIRECTED BY THE ENGINEER.
10. ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COLUMBIA COUNTY LAND DEVELOPMENT REGULATIONS.
11. CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL REQUIRED UTILITY CONNECTIONS PRIOR TO BIDDING. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS REQUIRED TO COMPLETE CONNECTION TO THE EXISTING UTILITIES. THIS INCLUDES, BUT IS NOT LIMITED TO, MANHOLE CORING, WET TAPS, PAVEMENT REPAIRS AND DIRECTIONAL BORING.
12. SITE CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT LIMITS.
13. ALL PROPOSED CONSTRUCTION SHALL CONFORM TO CURRENT FDOT DESIGN STANDARDS AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
14. ALL STORMWATER PIPES SHALL HAVE A MINIMUM COVER OF 6". LIMEROCK BACKFILL SHALL BE USED IF PIPE UNDER PAVEMENT HAS LESS THAN 12" COVER.
15. POTABLE WATER AND SANITARY SEWER TO BE SUPPLIED BY CITY OF LAKE CITY.
16. ALL SWALES, DEPRESSION AREAS AND RETENTION PONDS SHALL BE INSPECTED MONTHLY FOR SINKHOLE OCCURRENCE. SHOULD A SINKHOLE OCCUR, THE AREA SHOULD BE REPAIRED AS SOON AS POSSIBLE. IF A SOLUTION PIPE SINKHOLE FORMS WITHIN THE STORMWATER SYSTEM, THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH A LOW PERMEABILITY MATERIAL. A 2-FOOT CAP THAT EXTENDS 2 FEET BEYOND THE PERIMETER OF THE SINKHOLE SHALL BE CONSTRUCTED WITH CLAYEY SOILS. THE CLAYEY SOIL SHOULD HAVE AT LEAST 20% PASSING THE NUMBER 200 SIEVE, COMPACTED TO 95% OF STANDARD PROCTOR, AND COMPACTED IN A WET CONDITION WITH MOISTURE 2%-4% ABOVE OPTIMUM. THE CLAY SOIL CAP SHALL BE RE-GRADED TO PREVENT PONDING AND RE-VEGETATED.
17. CONTRACTOR SHALL CONTACT THE LAKE CITY REGIONAL UTILITY AUTHORITY (386.752.2031) PRIOR TO BEGINING WORK TO COORDINATE INSPECTION OF UTILITY CONNECTIONS.



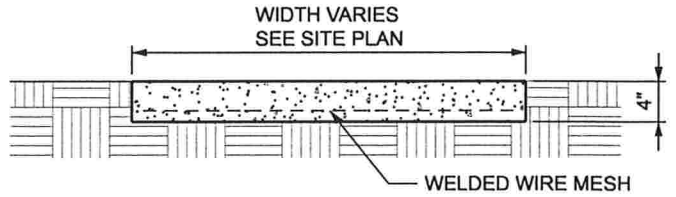
HEADER CURB DETAIL
NTS



1.25" SUPERPAVE (12.5)
0.1 GAL/SY PRIME COAT
6" LIMEROCK BASE
8" COMPACTED SUB-GRADE

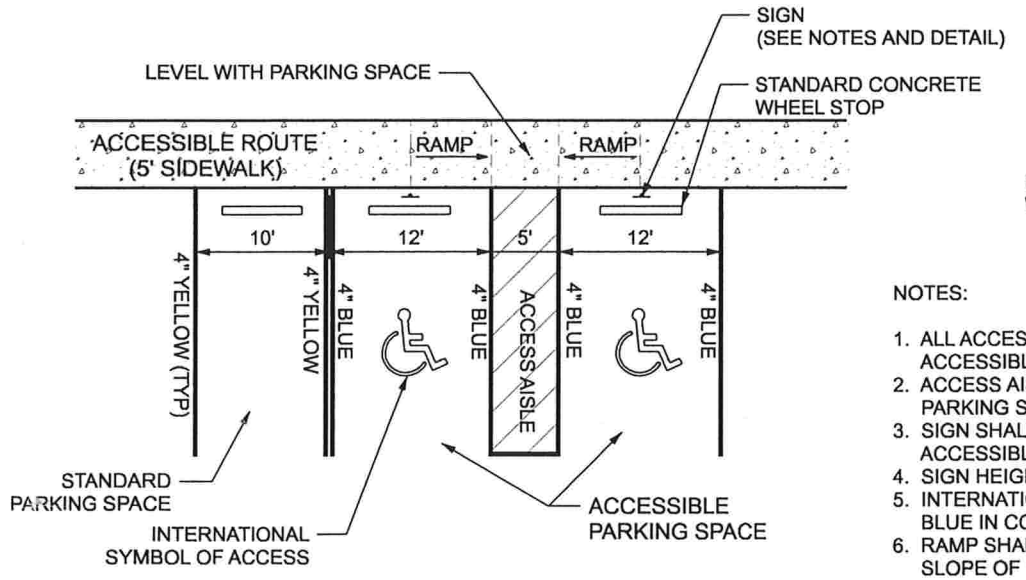
NOTE:
SUBGRADE SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY AS ESTABLISHED BY ASTM T-99.

TYPICAL PAVEMENT SECTION
NTS

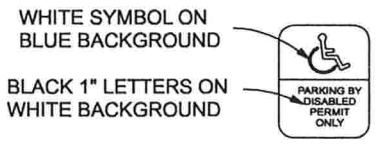


3000 PSI CONCRETE
REINFORCED WITH 6x6x10/10 WELDED WIRE MESH
PROVIDE 1/8"-1/4" CONTRACTION JOINTS
AT 10' CENTERS (MAXIMUM)

STANDARD SIDEWALK DETAIL
NTS



TYPICAL OFF-STREET PARKING DETAIL
NTS



SIGN DETAIL

NOTES:

1. ALL ACCESSIBLE ROUTES SHALL MEET ADA STANDARDS FOR ACCESSIBLE DESIGN.
2. ACCESS AISLE MAY BE PLACED ON RIGHT OR LEFT SIDE OF PARKING STALL.
3. SIGN SHALL BE PLACED IN FRONT OF ALL DESIGNATED ACCESSIBLE PARKING SPACES.
4. SIGN HEIGHT SHALL BE 7' FROM PAVEMENT TO BOTTOM OF SIGN.
5. INTERNATIONAL SYMBOL OF ACCESS SHALL BE 3 - 5 FT HIGH AND BLUE IN COLOR.
6. RAMP SHALL PROVIDE NON-SLIP FINISH AND HAVE A MAXIMUM SLOPE OF 1:12.
7. PAINT EDGE OF SIDEWALK WITH CONTRASTING PAINT AT RAMP TRANSITION. 3" WIDTH ON TOP AND ON FACE OF TRANSITION.
6. SEE SITE PLAN FOR ADDITIONAL PARKING SPACEL DIMENSIONS.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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Brett A. Crews
12-1-08
Brett A. Crews, P.E. 65592

DRAWN BY: BC
APPROVED BY: BC

FAISAL MEDICAL BUILDING

CES PROJECT NO.: 2008-019

GENERAL NOTES AND DETAILS

SHEET: 1

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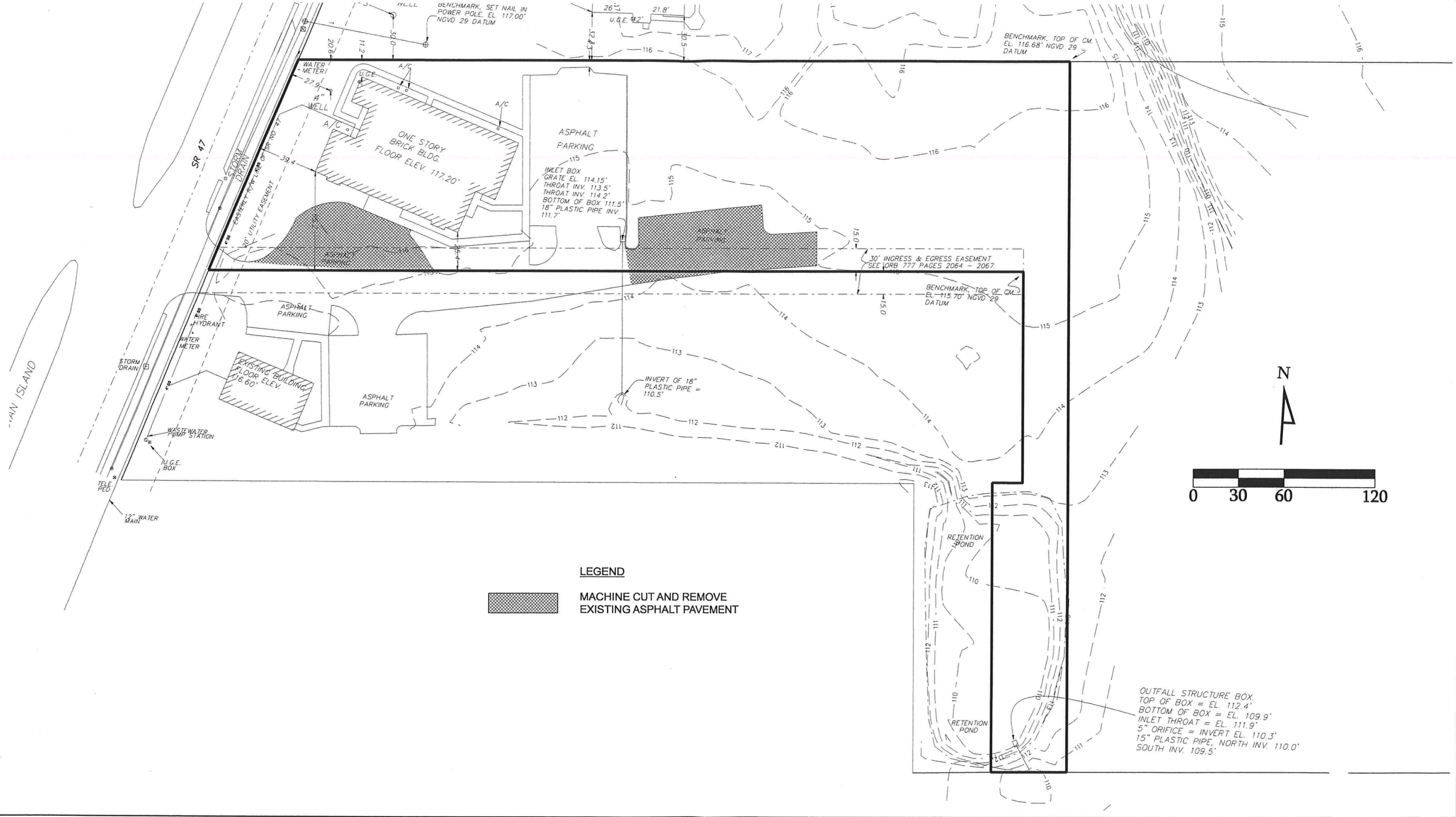

LEGEND

MACHINE CUT AND REMOVE EXISTING ASPHALT PAVEMENT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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Brett A. Crews
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FAISAL MEDICAL BUILDING

EXISTING CONDITIONS

CES PROJECT NO.: 2008-019

SHEET: 2

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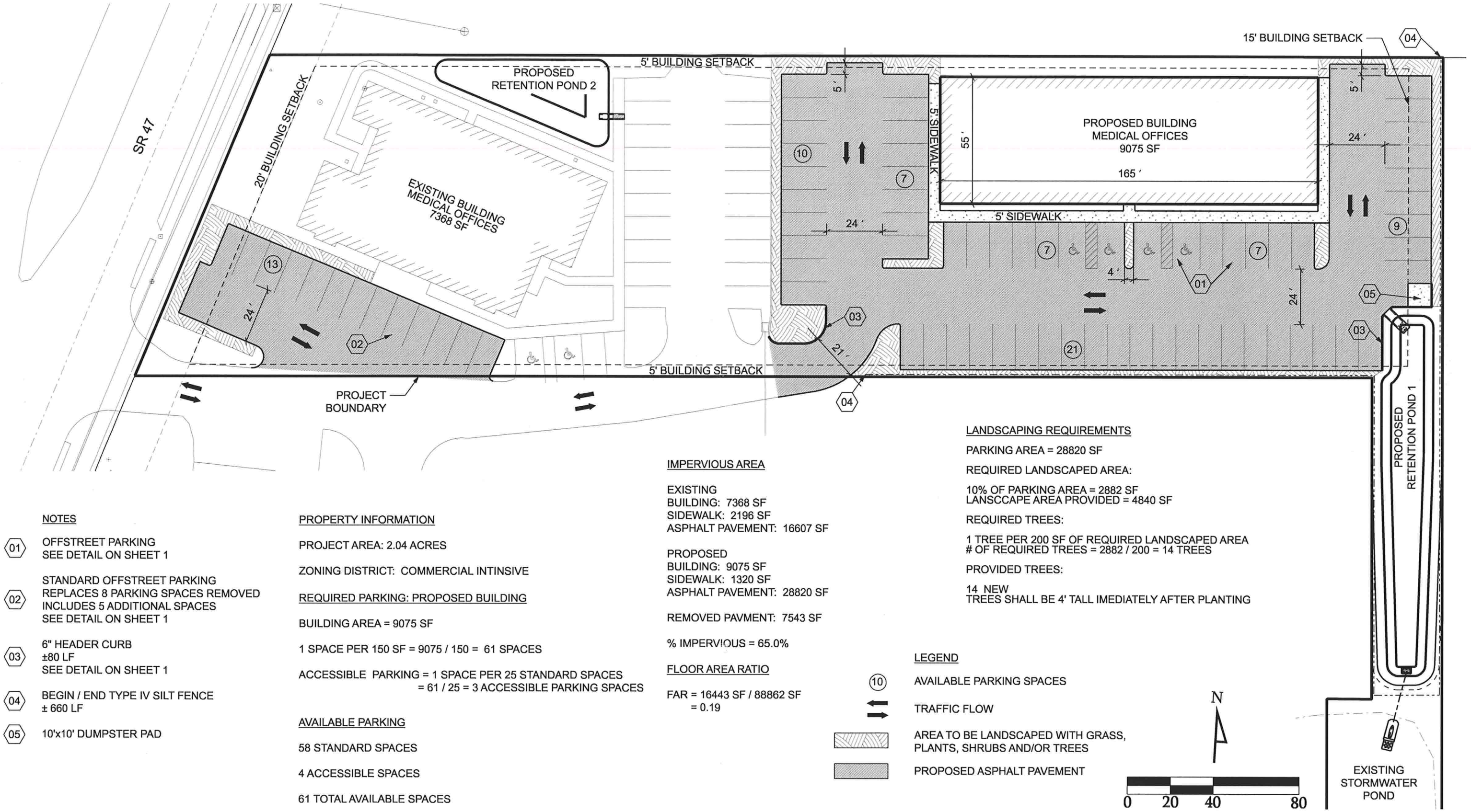

NOTES

01 OFFSTREET PARKING
SEE DETAIL ON SHEET 1

02 STANDARD OFFSTREET PARKING
REPLACES 8 PARKING SPACES REMOVED
INCLUDES 5 ADDITIONAL SPACES
SEE DETAIL ON SHEET 1

03 6" HEADER CURB
±80 LF
SEE DETAIL ON SHEET 1

04 BEGIN / END TYPE IV SILT FENCE
± 660 LF

05 10'x10' DUMPSTER PAD

PROPERTY INFORMATION

PROJECT AREA: 2.04 ACRES

ZONING DISTRICT: COMMERCIAL INTINSIVE

REQUIRED PARKING: PROPOSED BUILDING

BUILDING AREA = 9075 SF

1 SPACE PER 150 SF = 9075 / 150 = 61 SPACES

ACCESSIBLE PARKING = 1 SPACE PER 25 STANDARD SPACES
= 61 / 25 = 3 ACCESSIBLE PARKING SPACES

AVAILABLE PARKING

58 STANDARD SPACES

4 ACCESSIBLE SPACES

61 TOTAL AVAILABLE SPACES

IMPERVIOUS AREA

EXISTING
BUILDING: 7368 SF
SIDEWALK: 2196 SF
ASPHALT PAVEMENT: 16607 SF

PROPOSED
BUILDING: 9075 SF
SIDEWALK: 1320 SF
ASPHALT PAVEMENT: 28820 SF

REMOVED PAVMENT: 7543 SF

% IMPERVIOUS = 65.0%

FLOOR AREA RATIO

FAR = 16443 SF / 88862 SF
= 0.19

LANDSCAPING REQUIREMENTS

PARKING AREA = 28820 SF

REQUIRED LANDSCAPED AREA:

10% OF PARKING AREA = 2882 SF
LANSCCAPE AREA PROVIDED = 4840 SF

REQUIRED TREES:

1 TREE PER 200 SF OF REQUIRED LANDSCAPED AREA
OF REQUIRED TREES = 2882 / 200 = 14 TREES

PROVIDED TREES:

14 NEW
TREES SHALL BE 4' TALL IMEDIATELY AFTER PLANTING

LEGEND

10 AVAILABLE PARKING SPACES

TRAFFIC FLOW

AREA TO BE LANDSCAPED WITH GRASS, PLANTS, SHRUBS AND/OR TREES

PROPOSED ASPHALT PAVEMENT

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-29-08	BC	REMOVED GRAVEL PARKING AND REPLACED WITH ASPHALT.			
10-29-08	BC	ADDED RETENTION POND 2			

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FAISAL MEDICAL BUILDING

SITE PLAN

CES PROJECT NO.: 2008-019

SHEET: 3

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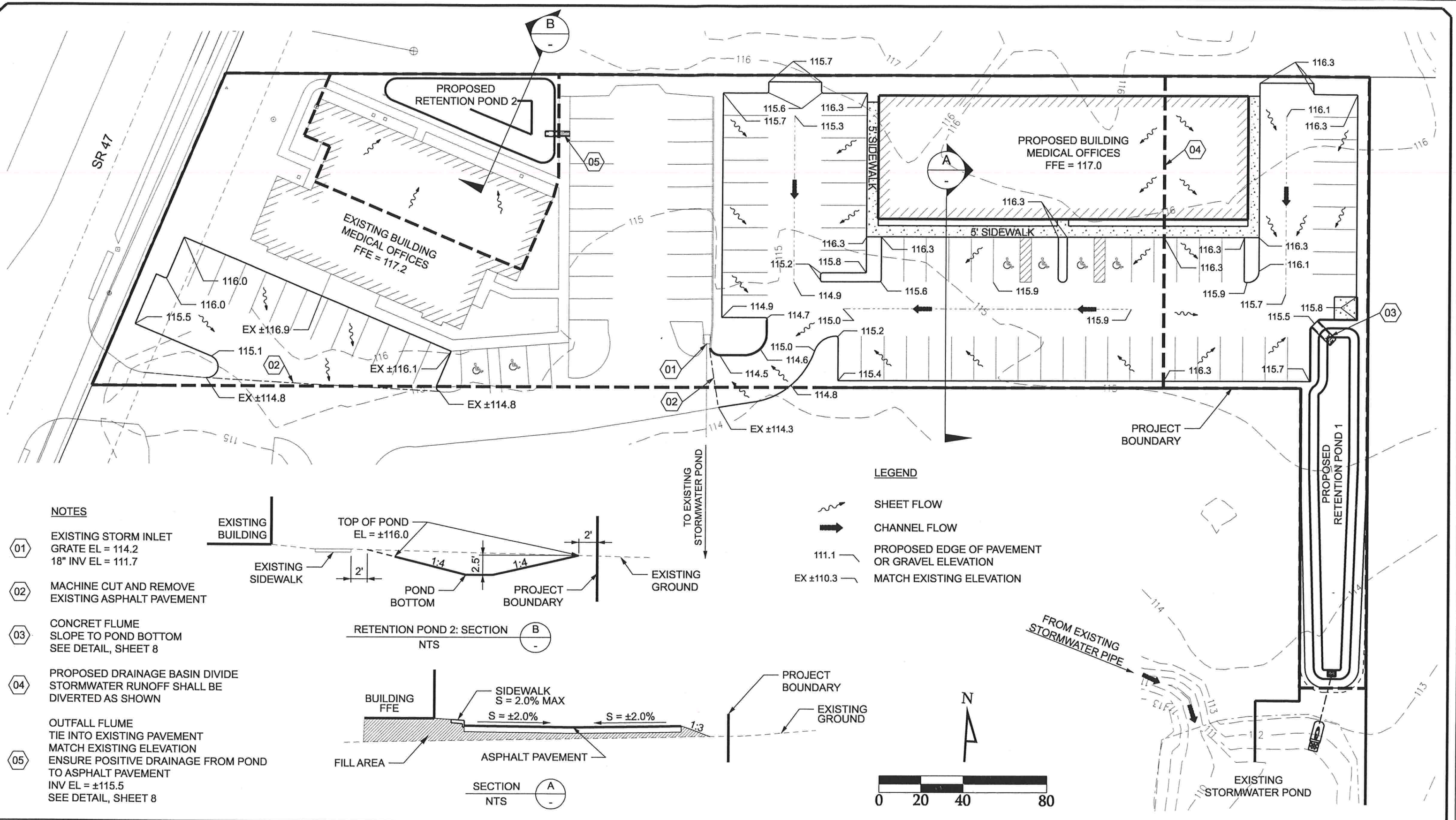

NOTES

01 EXISTING STORM INLET
GRATE EL = 114.2
18" INV EL = 111.7

02 MACHINE CUT AND REMOVE EXISTING ASPHALT PAVEMENT

03 CONCRET FLUME
SLOPE TO POND BOTTOM
SEE DETAIL, SHEET 8

04 PROPOSED DRAINAGE BASIN DIVIDE
STORMWATER RUNOFF SHALL BE DIVERTED AS SHOWN

05 OUTFALL FLUME
TIE INTO EXISTING PAVEMENT
MATCH EXISTING ELEVATION
ENSURE POSITIVE DRAINAGE FROM POND TO ASPHALT PAVEMENT
INV EL = ±115.5
SEE DETAIL, SHEET 8

RETENTION POND 2: SECTION B
NTS

SECTION A
NTS

LEGEND

- SHEET FLOW
- CHANNEL FLOW
- 111.1 — PROPOSED EDGE OF PAVEMENT OR GRAVEL ELEVATION
- EX ±110.3 — MATCH EXISTING ELEVATION

N

0 20 40 80

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-29-08	BC	REMOVE GRAVEL PARKING AND REPLACED WITH ASPHALT			
10-29-08	BC	ADD RETENTION POND 2			

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FAISAL MEDICAL BUILDING

PAVING AND DRAINAGE PLAN

CES PROJECT NO.: 2008-019
SHEET: 4

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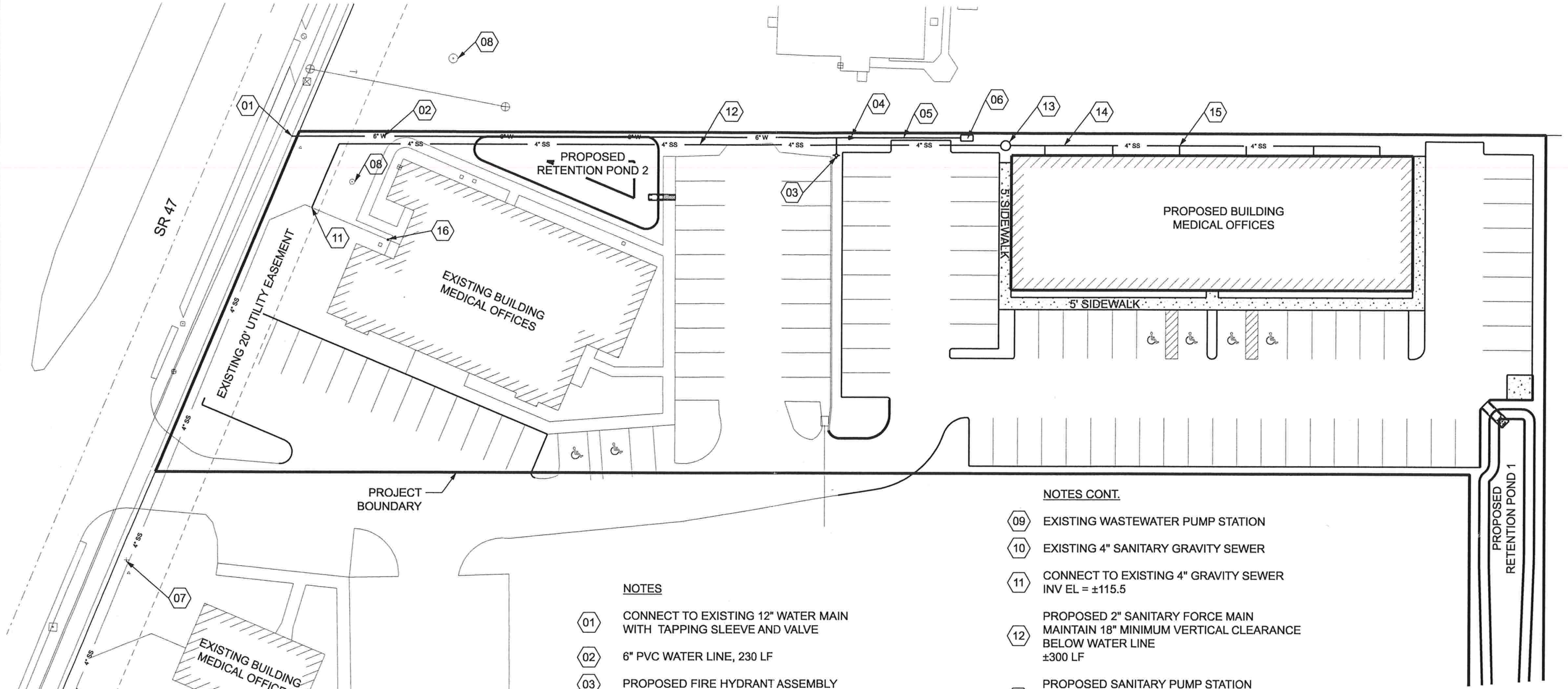

NOTES

01 CONNECT TO EXISTING 12" WATER MAIN WITH TAPPING SLEEVE AND VALVE

02 6" PVC WATER LINE, 230 LF

03 PROPOSED FIRE HYDRANT ASSEMBLY

04 REDUCE FROM 6" TO 1.5" PVC

05 1.5" WATER LINE, 45 LF

06 1.5" WATER METER WITH RPZ BACKFLOW PREVENTER

07 EXISTING FIRE HYDRANT AND ASSEMBLY

08 EXISTING WATER WELL

NOTES CONT.

09 EXISTING WASTEWATER PUMP STATION

10 EXISTING 4" SANITARY GRAVITY SEWER

11 CONNECT TO EXISTING 4" GRAVITY SEWER
INV EL = ±115.5

12 PROPOSED 2" SANITARY FORCE MAIN
MAINTAIN 18" MINIMUM VERTICAL CLEARANCE
BELOW WATER LINE
±300 LF

13 PROPOSED SANITARY PUMP STATION
DUAL PUMPS, 20 GPM
INSTALL PER MANUFACTUER'S DETAILS AND NOTES

14 PROPOSED 4" GRAVITY SEWER
SLOPES AND CLEANOUTS AS REQUIRED
BY APPLICABLE CODES

15 INDIVIDUAL SANITARY SEWER CONNECTION
EACH CONNECTION SHALL PROVIDE CLEANOUT

16 INSTALL 4" BACKWATER VALVE
ON EXISTING GRAVITY SEWER

N

0 20 40 80

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-29-08	BC	ADDED RETENTION POND 2			

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Brett A. Crews 12-1-08

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FAISAL MEDICAL BUILDING

CES PROJECT NO.: 2008-019

UTILITY PLAN

SHEET: 5

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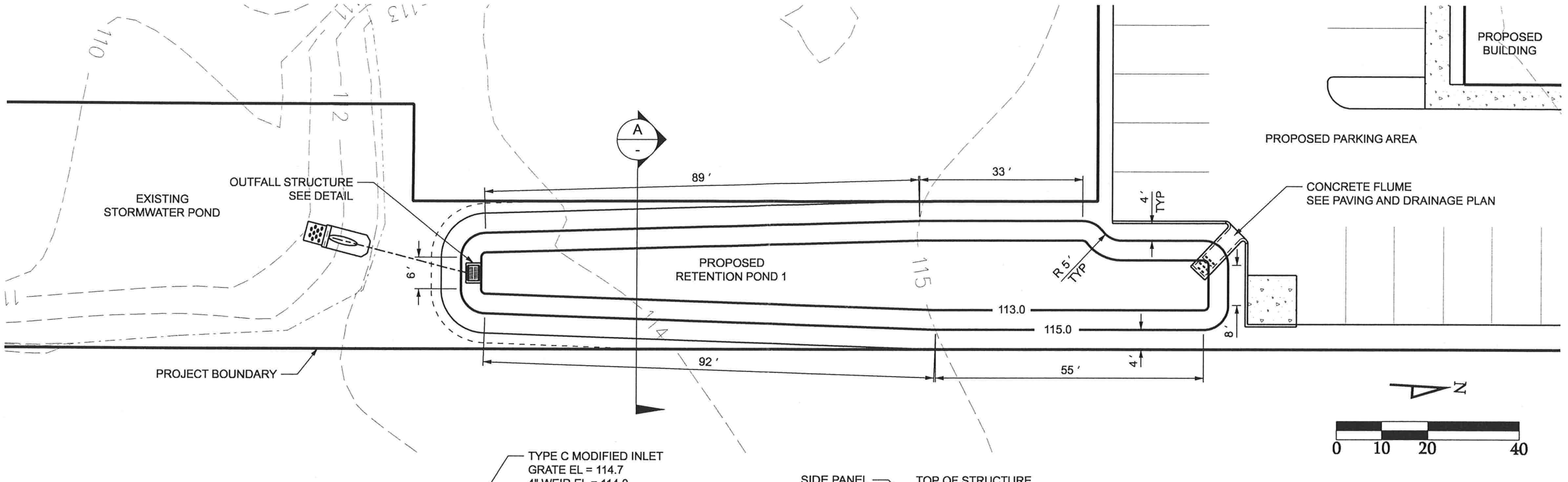

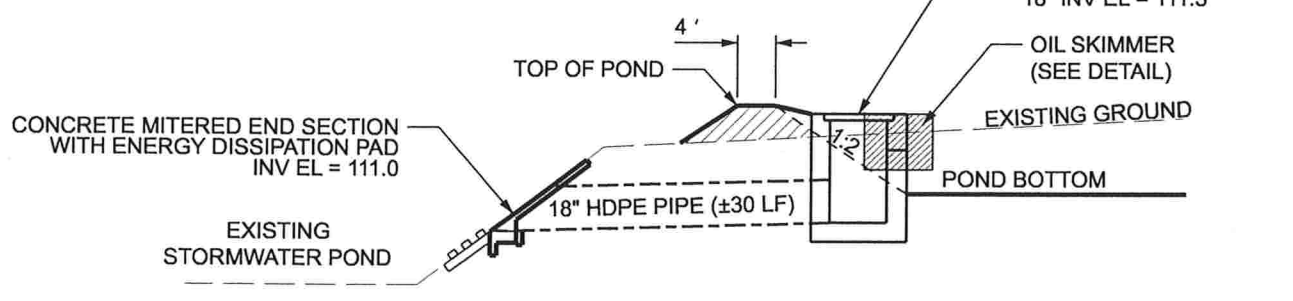

OUTFALL STRUCTURE
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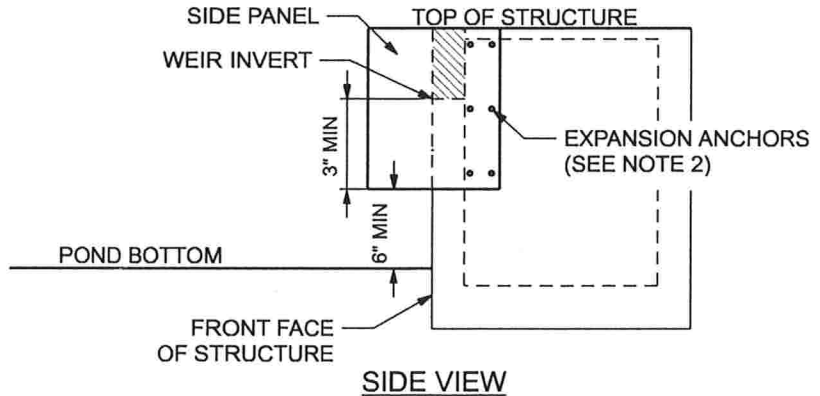

SIDE VIEW
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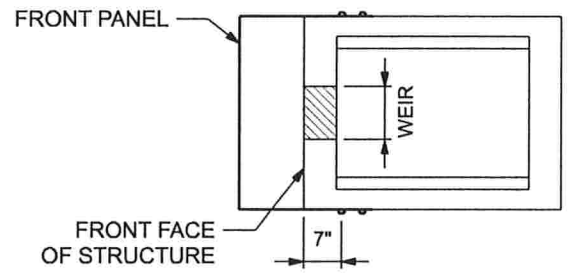

PLAN VIEW
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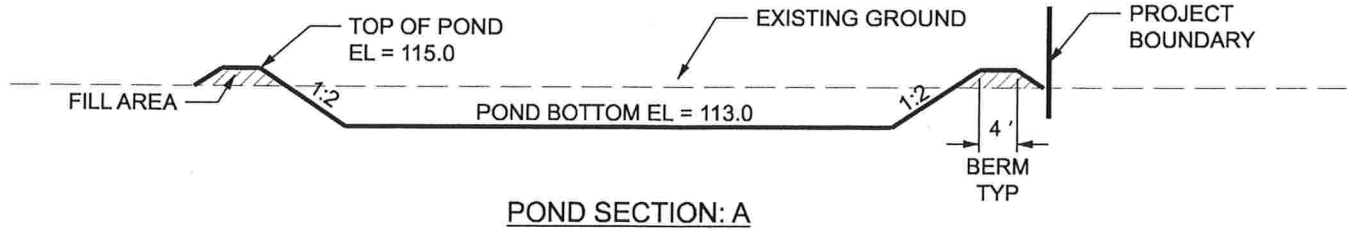

POND SECTION: A
NTS

NOTES:

1. LOCATION OF REINFORCING STEEL IN THESE STRUCTURES SHALL CONFORM TO THE APPLICABLE STANDARDS TO AVOID CONFLICT WITH THE EXPANSION ANCHORS USED TO ATTACH SKIMMERS.
2. EXPANSION ANCHORS SHALL BE PLACED IN LOCATIONS TO ENSURE THE OIL SKIMMER IS SECURLY FASTENED TO THE STRUCTURE.

ALUMNINUM OIL SKIMMER DETAIL
NTS

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-29-08	BC	MODIFIED OUTFALL STRUCTURE			
11-26-08	BC	MODIFIED OUTFALL STRUCTURE, GRATE ELEVATION			

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DRAWN BY: BC
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FAISAL MEDICAL BUILDING

STORMWATER POND 1

CES PROJECT NO.: 2008-019

SHEET: 6

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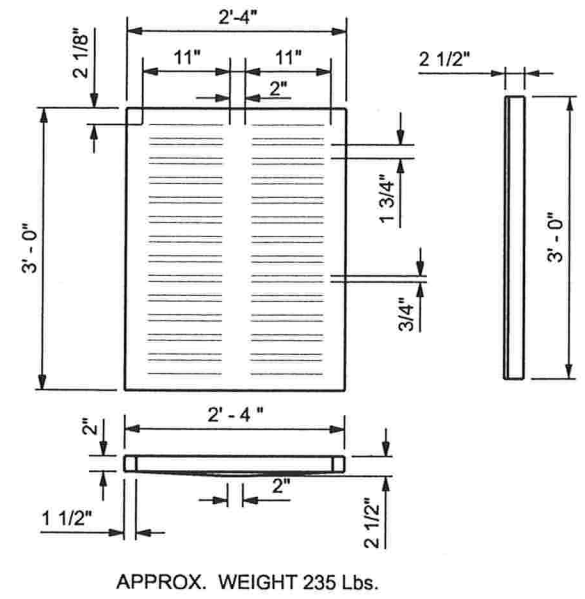
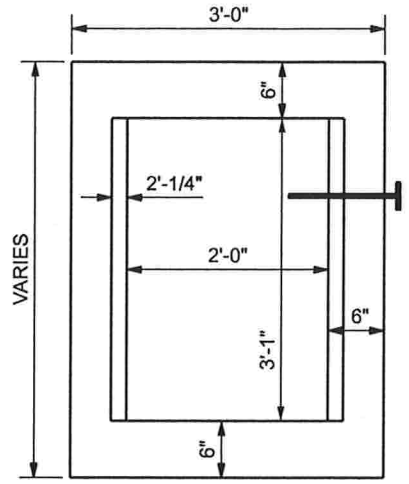


APPROX. WEIGHT 235 Lbs.

GRATE



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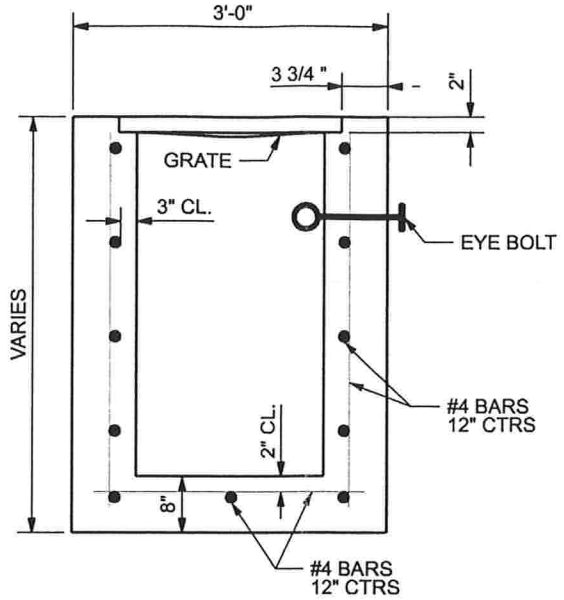


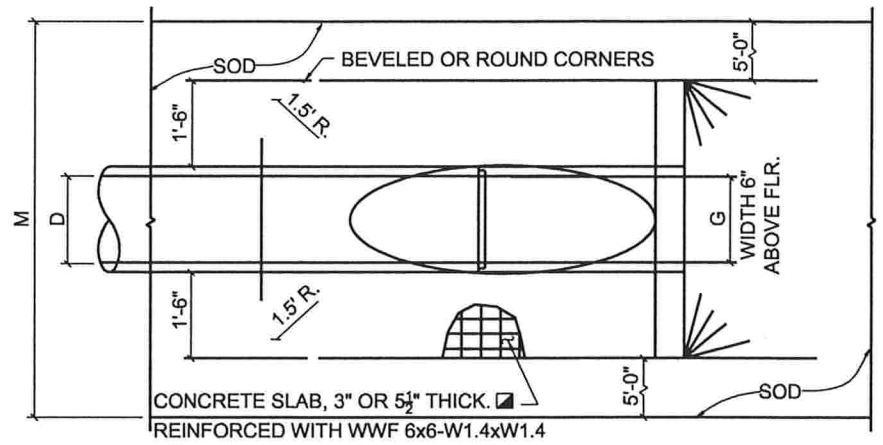
SECTION

TYPE C INLET DETAIL

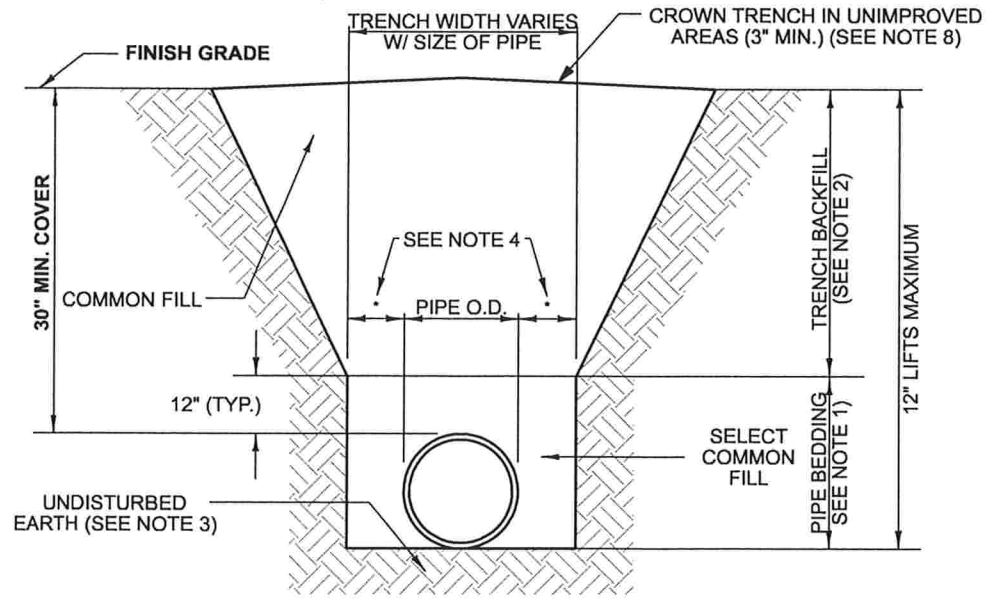
NTS

DIMENSIONS AND QUANTITIES

4d SLOPE	D	X	A	B	C	E	F	G	M SINGLE PIPE	N	CONC. (oy) SINGLE PIPE	CONC. (sy) SINGLE PIPE
	15"	2'-7"	2.5'	3.09'	5.59'	3.0'	7'	1.23'	4.33'	1.04'	0.44	22
	18"	2'-10"	2.5'	4.12'	6.62'	4.0'	8'	1.41'	4.58'	1.04'	0.49	24
	24"	3'-5"	2.5'	6.18'	8.68'	6.0'	10'	1.73'	5.08'	1.04'	0.65	27



TOP VIEW - SINGLE PIPE



NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK WILL BE REQUIRED IF OVER-EXCAVATION OCCURS.
4. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. PROVIDE TRENCH SLOPING AND BRACING AS REQUIRED FOR SAFETY.
8. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN PAVED AREAS SHALL COMPLY WITH THE REQUIREMENTS OF THE ROAD CONSTRUCTION SPECIFICATIONS.

TRENCH AND BACKFILL DETAIL

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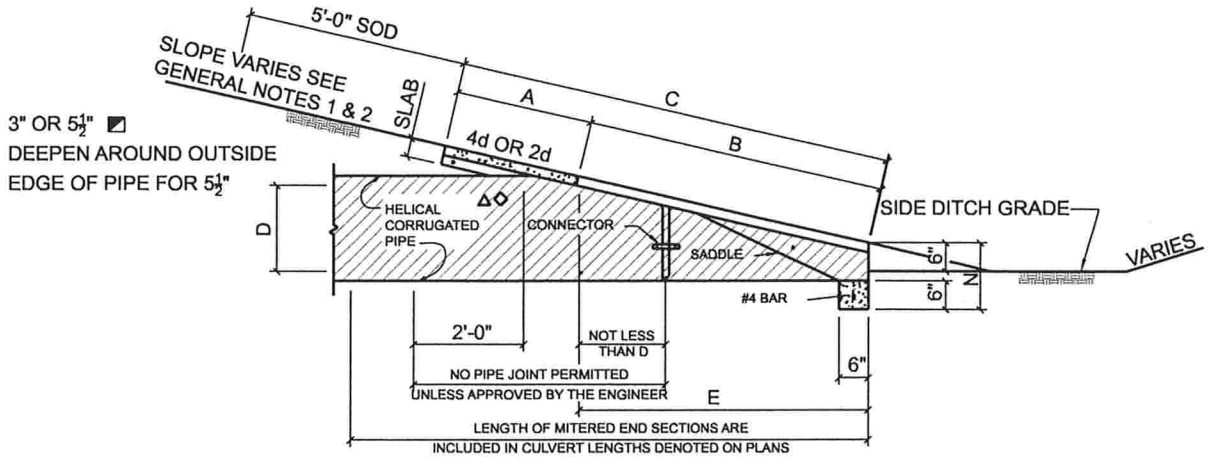

SECTION

* SLOPE: 4d MITER: TO C.L. PIPE FOR PIPES 16" AND SMALLER.
2d FOR PIPES 24" AND LARGER.
2d MITER: TO C.L. PIPE FOR PIPES 18" AND SMALLER.
1d FOR PIPES 24" AND LARGER.

CONCRETE MITERED END SECTION DETAIL

NTS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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FAISAL MEDICAL BUILDING

MISCELLANEOUS NOTES AND DETAILS

CES PROJECT NO.: 2008-019

SHEET: 7

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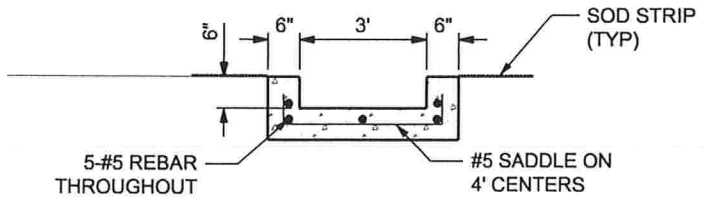
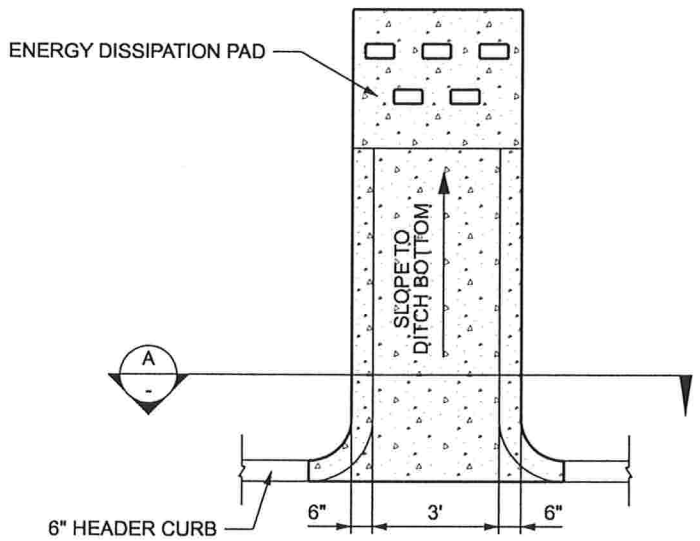
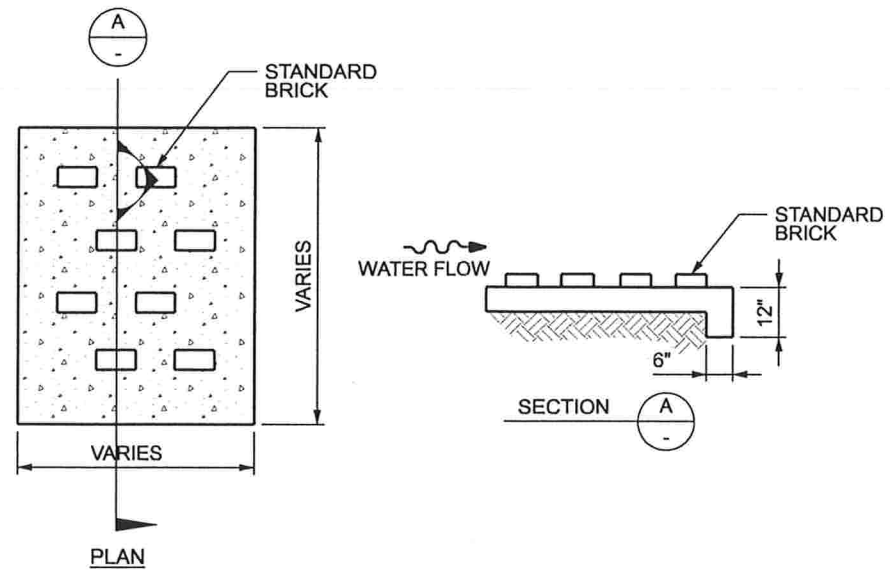


SECTION A-A

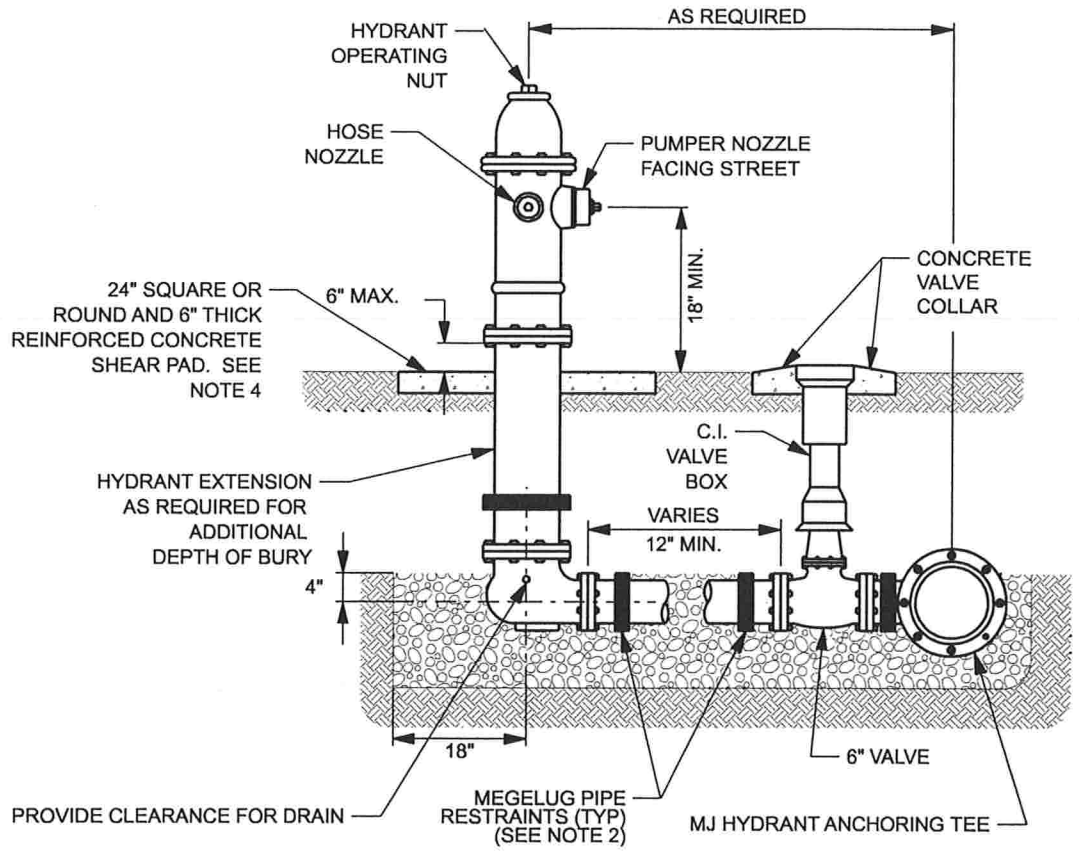


PLAN

CONCRETE FLUME DETAIL
NTS



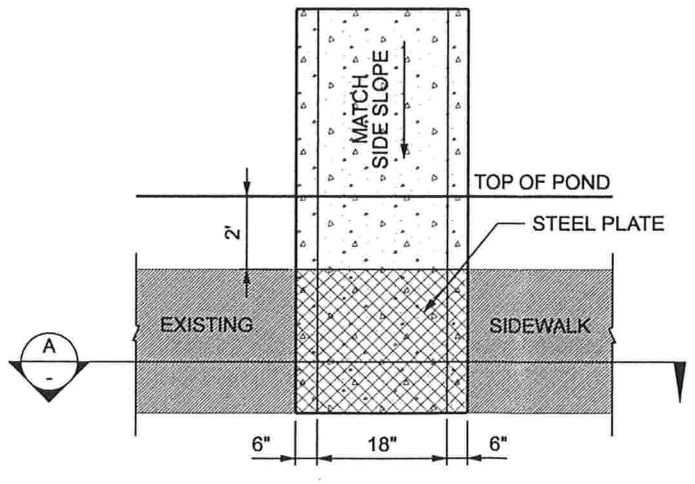
ENERGY DISSIPATION PAD DETAIL
NTS



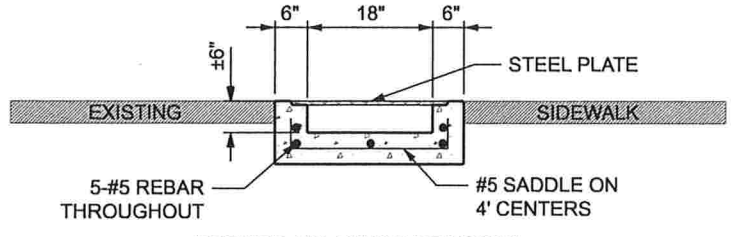
NOTES:

1) GRAVEL TO BE PLACED AROUND DRAIN
2) ALL MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGELUG RESTRAINTS OR APPROVED EQUAL.
3) THE DEVELOPER MAY INSTALL THE SHEAR PAD RECESSED UP TO 4 INCHES BELOW FINISHED GRADE AND SOD THE RECESSED SECTION

FIRE HYDRANT ASSEMBLY DETAIL
NTS



PLAN



SECTION A-A

OUTFALL FLUME DETAIL
NTS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10-29-08	BC	ADD OUTFALL FLUME DETAIL			

CES
Crews Engineering Services, LLC
P.O. BOX 970
LAKE CITY, FL 32056
PHONE: 386.754.4085
Brett A. Crews, P.E. 65592

DRAWN BY: BC
APPROVED BY: BC

FAISAL MEDICAL BUILDING

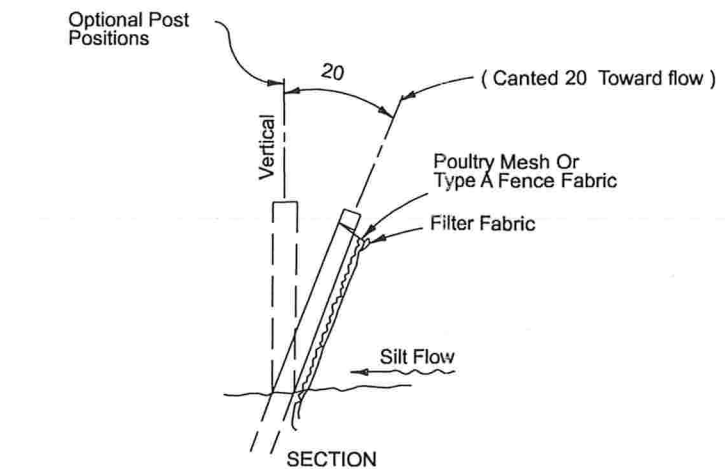
MISCELANEOUS NOTES AND DETAILS

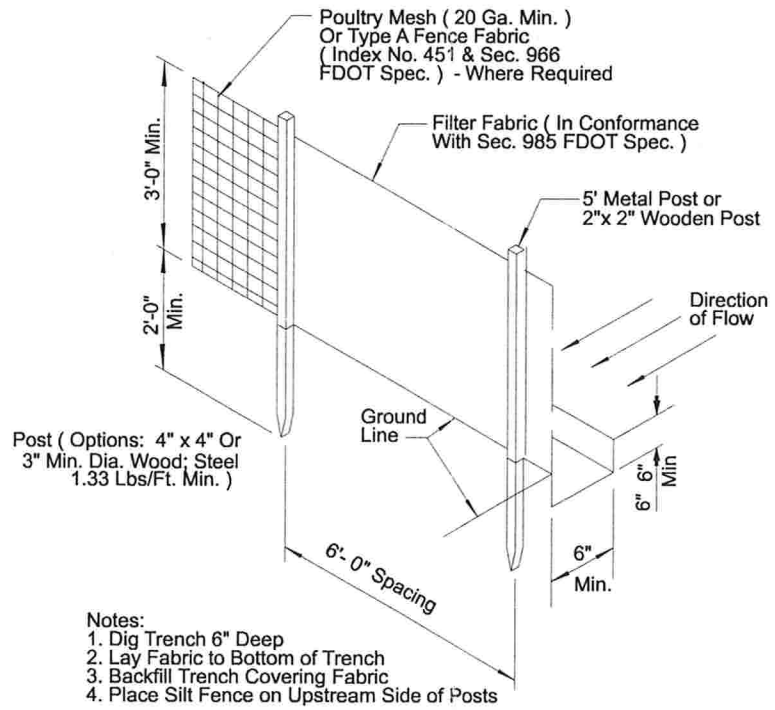
CES PROJECT NO.: 2008-019

SHEET: 8

EROSION CONTROL NOTES

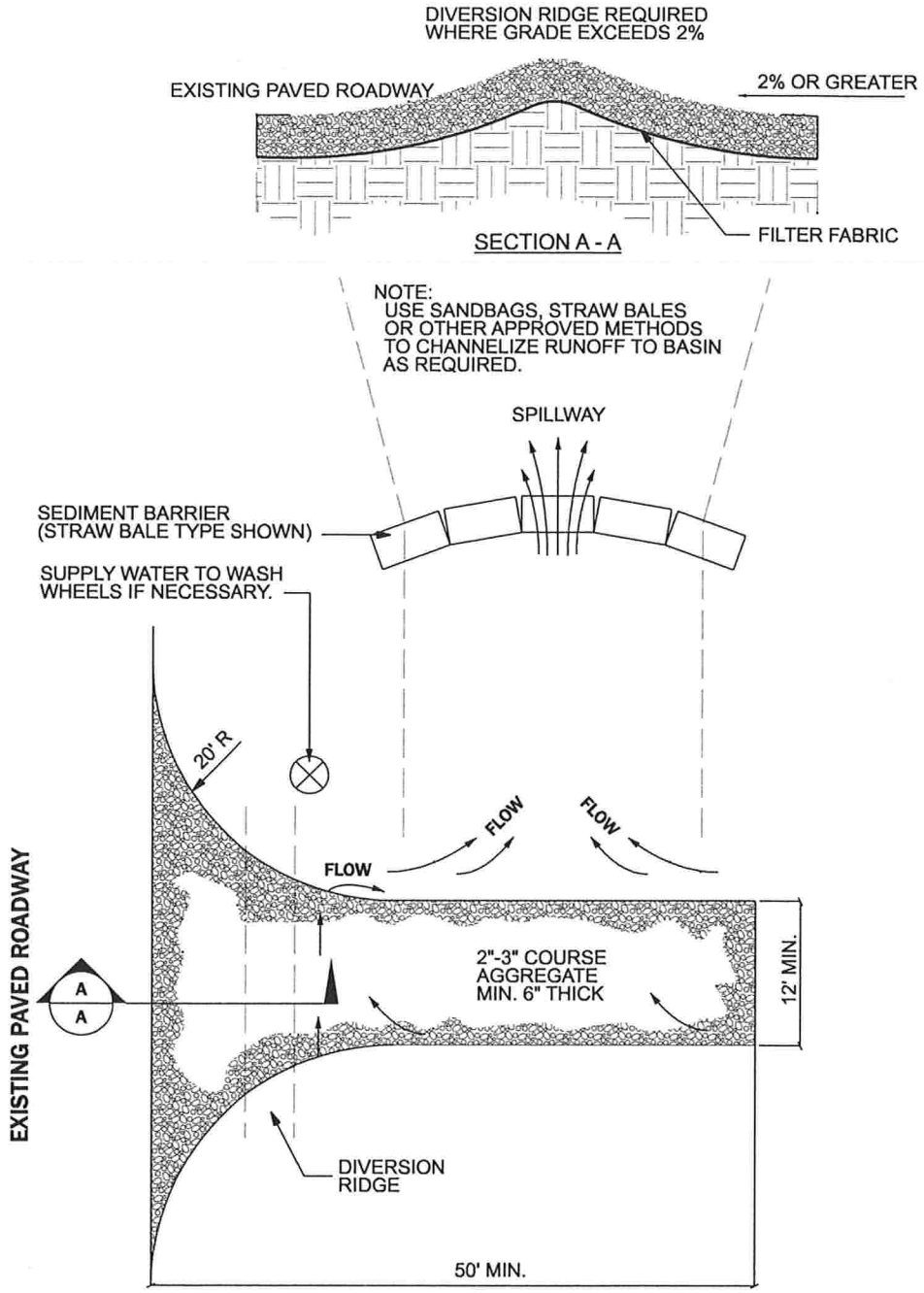
1. CONTRACTOR SHALL ADHERE TO EROSION AND SEDIMENT CONTROL REGULATIONS AS SET BY SRWMD AND OTHER GOVERNING AUTHORITIES.
2. SEDIMENT AND EROSION CONTROL PLAN AND STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ADDITIONAL MEASURES AS REQUIRED FOR PROPER EROSION AND SEDIMENT CONTROL. THE CONTRACTOR SHOULD USE BMP'S IN THE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL TO IMPLEMENT A PLAN THAT WILL WORK AND MEET ACTUAL FIELD CONDITIONS.
4. SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
5. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED IMMEDIATELY AND RIP RAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
6. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS.
7. SILT FENCE SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE FOOT OF TOP OF SILT FENCE.
8. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
9. A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS.
10. ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY TO PREVENT EROSION.
11. ALL SLOPES GREATER THAN 4H:1V SHALL BE STABILIZED WITH SOD. STAPLE SOD SHALL BE USED ON SLOPES GREATER THAN 2H:1V.
12. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK-GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS. FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.
13. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN THREE (3) DAYS.
14. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS AND EXCESS DIRT REMOVED DAILY.
15. THIS PROJECT SHALL COMPLY WITH ALL APPLICABLE WATER QUALITY STANDARDS.
16. QUALIFIED PERSONNEL SHALL INSPECT THE STOCKPILE AREAS, SILT FENCE, CONSTRUCTION ENTRANCE, AND ALL DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS AFTER A STORM OF 0.5 INCHES OR GREATER. CORRECTIVE ACTIONS SHALL BE TAKEN IMMEDIATELY.
17. CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROLS DURING PROPOSED CONSTRUCTION.





TYPE IV SILT FENCE

AS COMPARED TO TYPE III SILT FENCE, TYPE IV FENCE HAS GREATER STRENGTH AND HEIGHT WHICH REDUCES THE POSSIBILITY OF SEDIMENT AND WATER FROM OVERTOPPING THE FENCE. AS A RESULT, AVOID USING TYPE IV FENCE IN AREAS WHERE THE DETAINED WATER WOULD BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.



PLAN

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

NTS

NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS ONTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CES
Crews Engineering Services, LLC
P.O. BOX 970
LAKE CITY, FL 32056
PHONE: 386.754.4085
Brett A. Crews, P.E. 65592

DRAWN BY: BC
APPROVED BY: BC

FAISAL MEDICAL BUILDING

CES PROJECT NO.: 2008-019

EROSION CONTROL NOTES AND DETAILS

SHEET: 9

Per County Engineer
provide drainage swales
through each Driveway.
See attached.

27654

NOTICE OF INSPECTION AND/OR TREATMENT

Date of Inspection
3/25/09 TH

Date of Treatment

Date of Spot Treatment
Premise Pro

Pesticide Used
subterranean Termites

Wood-Destroying Organisms Treated

Notice
It is a violation of Florida State Law (Chap. 482.226) for anyone other than the property owner to remove this notice.

Address: 752-7779

Pestmaster Services of Lake City
187 SE Country Club Rd., Suite 101 • Lake City, FL 32025