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NTC ORLANDO
5090.3a

LETTER REGARDING THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION COMMENTS FOR THE ORLANDO POLICE DEPARTMENT CRIME SCENE FACILITY WAREHOUSE BUILDING RENOVATION AND EQUESTRIAN FACILITY RELOCATION WORK PLAN AT STUDY AREA 2 NTC ORLANDO FL

6/6/2016

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

June 6, 2016

Ms Laurie Botts
Real Estate Division Manager
City of Orlando
400 S. Orange Avenue
Orlando, FL 32801

Re: Orlando Police Department Crime Scene Facility Warehouse Building Renovation and Equestrian Facility Relocation, Herndon Annex, Orlando, Florida

Dear Ms. Botts:

The Department's Waste Cleanup Program has completed its review of the Proposed Work at the Orlando Police Department Crime Scene Facility Warehouse Building Renovation and Equestrian Facility Relocation, Herndon Annex, provided in a letter dated April 7, 2016. This letter modifies the work proposed in your letter of February 29, 2016. The letter provides a general description of the work to be conducted in the installation of a communications duct and the installation of structural column footers for the stable (horse barn). The proposal was provided to satisfy the requirements of the "Deed for Early Transfer Portion of Herndon Annex, Study Area 2, FAA Parcel" (Document ID:20070138850, Book 09140, Page 3036, Orange County). Section VI., page 13, lines 7 through 13, provide for Landfill Related Controls on the subject property which state that "excavation, drilling, or other disturbance of soil and landfill cover is prohibited without prior written authorization from GRANTOR [Navy] and FDEP."

The Department has determined that adhering to those specifications provided in the April 7, 2016 letter (attached) for the installation of the communications duct and structural column footers should be protective of human health and the environment. For the purpose of satisfying the Department's obligation under the above identified deed, the Department is providing this written authorization to conduct the proposed work. The temporary authorization to conduct the proposed work is specific to the installation of the underground communications duct and the structural column footers for the stable and does not provide a release of any environmental deed restriction as provided for on page 14, lines 41 and 42 and page 15, lines 1 through 10, of the subject deed. Please note that this letter does not provide authorization or approval for the work

that requires permitting or authorization from other agencies, including other programs within the Department.

Please note that debris material that is excavated and sent for offsite disposal must be appropriately characterized prior to disposal. The receiving facility may require more tests than what is currently proposed (four RCRA metals by TCLP) in your April 7, 2016 letter.

If you have any questions regarding this letter, please contact me at (850) 245-8997.

Sincerely,

David P. Grabka, P.G.
Remedial Project Manager
Department of Defense and Brownfields Partnerships
Waste Cleanup Program

KAW

CC: David Barney, Navy BEC
Mark Easterbrook, Remedial Project Manager
Marianne Sweeney, P.E., AECOM, Orlando
Tom Lubozinski, FDEP Central District

CITY OF ORLANDO

April 7, 2016

Mr. Dave Barney
BRAC Navy Coordinator
Naval Facilities Engineering Command
BRAC Program Management Office East
571 Shea Memorial Drive
South Weymouth, MA 02190

Dear Dave:

In response to your e-mail dated March 2, 2016 requesting additional information needed for consideration of the City's request to perform work in the restricted areas at Herndon Annex in support of building renovation and Horse Stable construction, please see the information below.

Site improvements to support the renovated warehouse and equestrian facility have been revised to minimize any potential impact to the existing buried debris/landfill area. Exhibit A shows the revised grading plan for the equestrian site. We no longer have any "cut" sections within the limits of the landfill. Also, we are no longer expanding the pond adjacent the site for stormwater treatment. This treatment volume is now being generated in a connected retention pond just northeast of the site which is located well away from the landfill area (see Exhibit B). The material removed from this pond will be tested and used to provide fill on the equestrian site. This retention pond revision also alleviates the need to dig and relocate the existing wastewater and domestic water lines which would have potentially impacted the buried landfill. The only potential impacts to the landfill area now are the communications duct on the west side of the site and column footers for the stable (horse barn) structure (Exhibit A). We plan to trench the 4" communications duct (30"-36" deep) and excavate for the structural column footers (less than 4' deep) with a backhoe. Material removed to install these improvements will be placed back in the excavated area and compacted. These revised site improvement plans are currently being submitted to the City's Permitting department for review and approval.

Test pits will be conducted with a backhoe in areas of concern. In all excavated areas, materials will be segregated into two piles. The clean soil cover material will be set aside for use as minimum two foot cover. If any landfill debris is encountered, it will be placed on poly sheeting or in roll-off containers. The debris material may be put back in the area which it was excavated in certain cases, but more than likely will be removed, stored in containers or plastic sheeting, tested for 4 RCRA metals TCLP, and properly disposed in a double lined Class I landfill. The landfill will be Omni Landfill in St. Cloud Fl. The City of Orlando employees conducting the test pit excavation and supervising the operations are 40 hours Hazwhoper Certified and 10 hour OSHA General Industry Safety and Health Certified.

Groundwater is not anticipated to be encountered with the proposed construction. The existing water table is approximately 8 feet below existing grade and the City or its

agents will not excavate more than 4 feet below the existing grade for the stable column footers.

Finally, if more fill material is needed, we will test clean fill for placement in excavated areas and for use to ensure a minimum 2 feet of soil cover above any remaining debris. In areas where the horses will have contact with the soil, we will install a geo-mesh fabric and install 3 feet of clean fill. We do not anticipate any dewatering, therefore we will not be impacting groundwater.

Again, we appreciate the Navy and FDEP's cooperation in helping us improve this property so that the City may use it for public safety purposes.

Sincerely,

Laurie Botts

Laurie Botts
Real Estate Division Manager

Cc: Mr. Gregory Preston
BRAC Program Management Office
Director/Program Management Office
Gregory.preston@navy.mil

Mr. Thuane Fielding
Naval Facilities Engineering Command
Deputy Director/Base Closure Manager
Thuane.fielding@navy.mil

Mr. David Grabka
Division of Waste Management
Bureau of Waste Cleanup
Technical Review Section
david.grabka@dep.state.fl.us

City Staff:
Stacey Adams, Assistant City Attorney
Rick Howard, Public Works Director
Tom Connery, Capital Improvements Division Manager
Steve Wiedenbeck, Project Manager

Dan Pashtalka – 4/21/10

EXHIBIT "A"

Approx. limits of buried debri/landfill

4" Comm. Duct 30"-36" Deep

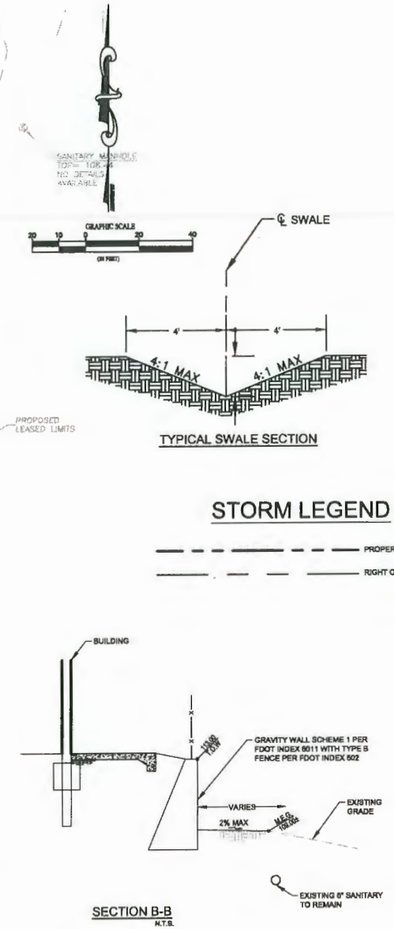
ONE STORY BUILDING
F.F. ELEVATION= 129.82'

HORSE WALKER

HORSE PEN

STABLE

ANDES AVE.



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Certificate of Authorization No. 00 - 0006796

ORLANDO POLICE DEPARTMENT
EQUESTRIAN FACILITY
CITY OF ORLANDO
ANDES AVE., ORLANDO
FLORIDA

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Seal

JASON D. VARGAS, P.E.
LICENSE NO. 62434
DATE

PRELIMINARY
NOT FOR CONSTRUCTION

date	submission / revision	no.

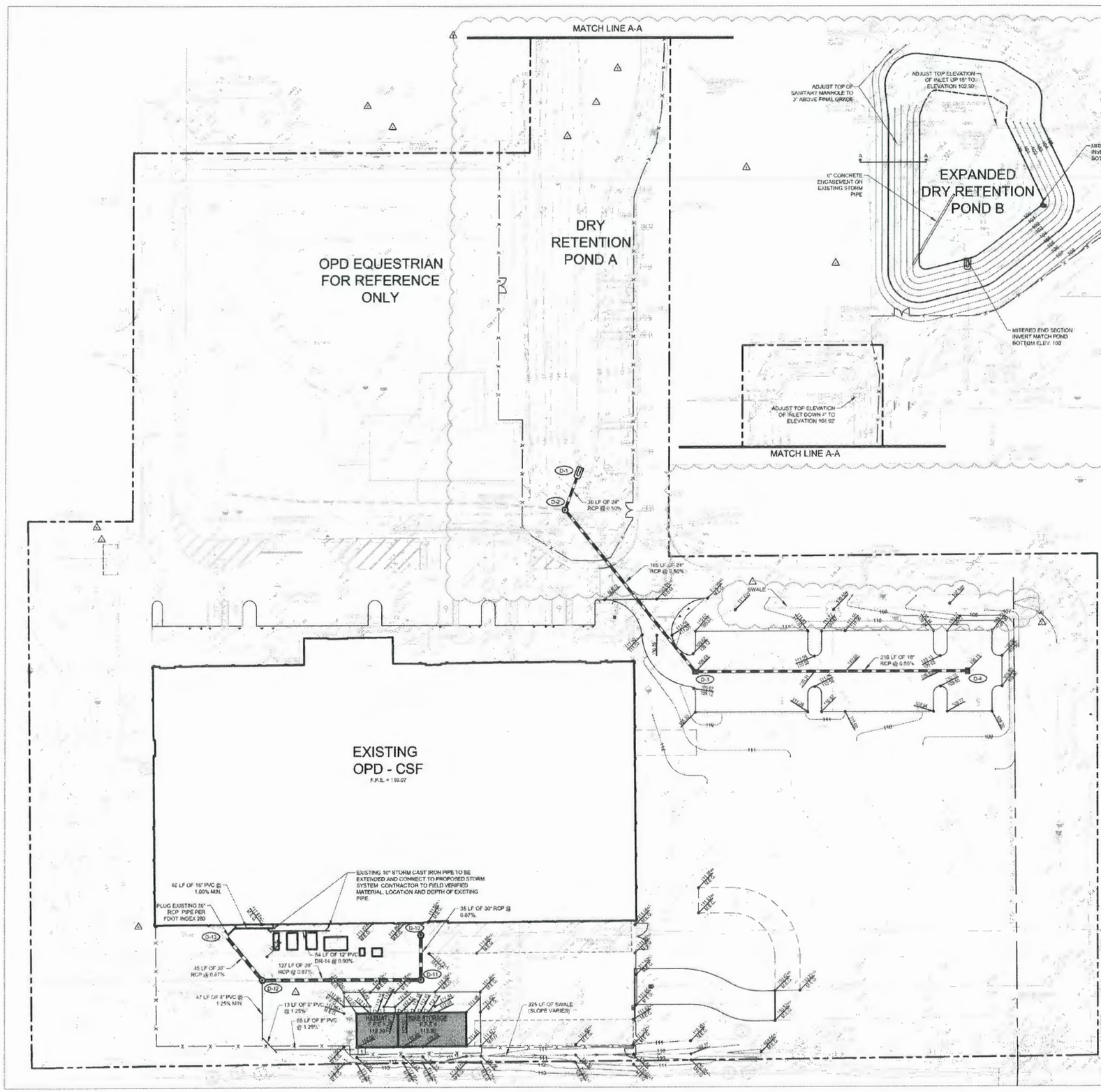
Sheet Name
EQUESTRIAN GRADING AND DRAINAGE SKETCH

scale:	
drawn by:	WBQ
checked by:	JDV
date:	JUNE 26, 2015
project number:	14014-001

C401

EXHIBIT "B"

Exhibit B



STORM LEGEND

- PROPERTY LINE
- RIGHT OF WAY LINE
- EXISTING BUILDING REFER TO ARCHITECTURAL PLANS FOR DETAILS
- PROPOSED BUILDING REFER TO ARCHITECTURAL PLANS FOR DETAILS
- LIMITS COVERED AREA REFER TO ARCHITECTURAL PLANS FOR CANOPY LIMITS AND DETAILS
- LIMITS CONCRETE REFER TO ARCHITECTURAL PLANS AND C600 FOR DETAILS
- LIMITS OF STANDARD ASPHALT PAVEMENT REFER TO C600 FOR DETAIL
- 6' CHAIN LINK FENCE REFER TO ARCHITECTURAL PLANS DETAIL
- RCP STORM PIPE
- STORM MANHOLE
- FDOT TYPE C INLET
- 108.98 STORM GRADE
- D-6 STORM STRUCTURE IDENTIFICATION NUMBER
- 1 CONNECT TO 6" STORM AT 3.5' BFF REFER TO PLUMBING PLANS FOR EXACT LOCATION AND COORDINATION

STORMWATER STRUCTURE TABLE

D-1	N 1530581.98 E 553350.33 MITERED END SECTION SW INV EL 103.00	D-6	NOT USED
D-2	N 1530564.21 E 553280.11 FDOT STORM MANHOLE TOP EL 102.50 NE INV EL 103.15 SE INV EL 103.15 W INV EL 103.15	D-7	NOT USED
D-3	N 1530425.98 E 553284.90 FDOT TYPE C INLET TOP EL 108.88 NW INV EL 103.98 E INV EL 103.98	D-8	NOT USED
D-4	N 1530425.98 E 553613.21 FDOT TYPE C INLET TOP EL 109.15 W INV EL 105.07	D-10	N 1530218.81 E 553174.61 FDOT STORM DOGHOUSE MANHOLE WITH J BOTTOM TOP EL 111.77 S INV EL 105.25 E INV EL 105.35+/- EXISTING
D-5	NOT USED	D-11	N 1530183.39 E 553174.61 FDOT STORM MANHOLE WITH J BOTTOM TOP EL 111.68 N INV EL 105.65 W INV EL 105.65
D-6	NOT USED	D-12	N 1530183.39 E 553047.11 FDOT STORM MANHOLE WITH J BOTTOM TOP EL 111.46 NW INV EL 106.76 E INV EL 106.76 S INV EL 106.76 N INV EL 106.76
D-7	NOT USED	D-12	N 1530217.99 E 553018.28 FDOT STORM MANHOLE WITH J BOTTOM (REPLACE EXISTING STRUCTURE) TOP EL 111.53 NW INV EL 108.79 SW INV EL 107.67 SE INV EL 107.15 NE INV EL 107.15

PRELIMINARY

Architects Design Group

Architects and Planners

I.B.K. Ramos V. F.A.I.A.
Ian A. Ramos, A.I.A.
Kevin Rodgers, A.I.A., LEED AP

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WBQ Design & Engineering

Orlando Police Department Crime Scene Facility

City of Orlando, FL

REVISION

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- revisions/addenda

Number	Description	Date
1	Revised	01/22/14
2	Revised	01/28/14
3	Revised	10/01/14
4	Revised	10/09/14
5	Revised	10/29/14
6	Add 6"	01/28/15
7	Add 7"	01/28/15
8	Add 8"	01/28/15
9	Storm Revision 03/16	03/16/15

- sheet title

GRADING AND DRAINAGE PLAN

- scale: As indicated
- drawn: FAR
- checked: RLA
- approved: JDV
- date: 03.16.15
- project number:

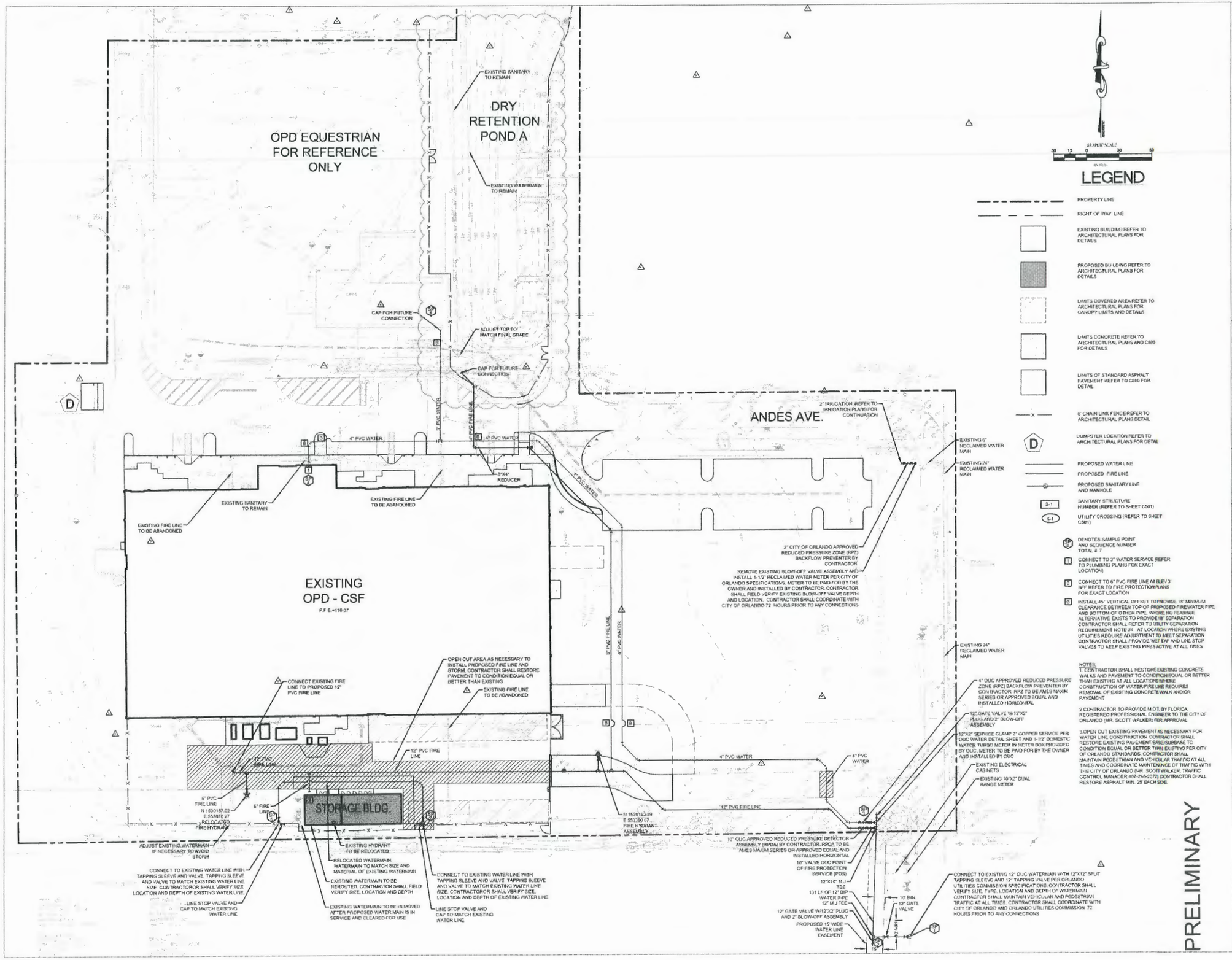
14010

- sheet number:

C400

EXHIBIT "B"

Exhibit B



GRAPHIC SCALE
30 15 0 30 60
(IN FEET)

LEGEND

- PROPERTY LINE
- RIGHT OF WAY LINE
- EXISTING BUILDING REFER TO ARCHITECTURAL PLANS FOR DETAILS
- PROPOSED BUILDING REFER TO ARCHITECTURAL PLANS FOR DETAILS
- LIMITS COVERED AREA REFER TO ARCHITECTURAL PLANS FOR CANOPY LIMITS AND DETAILS
- LIMITS CONCRETE REFER TO ARCHITECTURAL PLANS AND C600 FOR DETAILS
- LIMITS OF STANDARD ASPHALT PAVEMENT REFER TO C600 FOR DETAIL
- 6' CHAIN LINK FENCE REFER TO ARCHITECTURAL PLANS DETAIL
- D — DUMPSTER LOCATION REFER TO ARCHITECTURAL PLANS FOR DETAIL
- PROPOSED WATER LINE
- PROPOSED FIRE LINE
- PROPOSED SANITARY LINE AND MANHOLE
- S-1 — SANITARY STRUCTURE NUMBER (REFER TO SHEET C501)
- 4-1 — UTILITY CROSSING (REFER TO SHEET C501)
- SP 1 — DENOTES SAMPLE POINT AND SEQUENCE NUMBER TOTAL # 7
- 1 — CONNECT TO 3" WATER SERVICE (REFER TO PLUMBING PLANS FOR EXACT LOCATION)
- 2 — CONNECT TO 6" PVC FIRE LINE AT ELEV 3' BFF REFER TO FIRE PROTECTION PLANS FOR EXACT LOCATION
- 3 — INSTALL 45° VERTICAL OFFSET TO PROVIDE 18" MINIMUM CLEARANCE BETWEEN TOP OF PROPOSED FIREWATER PIPE AND BOTTOM OF OTHER PIPE. WHERE NO FEASIBLE ALTERNATIVE EXISTS TO PROVIDE 18" SEPARATION CONTRACTOR SHALL REFER TO UTILITY SEPARATION REQUIREMENT NOTE #4. AT LOCATION WHERE EXISTING UTILITIES REQUIRE ADJUSTMENT TO MEET SEPARATION CONTRACTOR SHALL PROVIDE WET TAP AND LINE STOP VALVES TO KEEP EXISTING PIPES ACTIVE AT ALL TIMES

NOTES:
1. CONTRACTOR SHALL RESTORE EXISTING CONCRETE WALKS AND PAVEMENT TO CONDITION EQUAL OR BETTER THAN EXISTING AT ALL LOCATIONS WHENE CONSTRUCTION OF WATER/FIRE LINE REQUIRES REMOVAL OF EXISTING CONCRETE/WALK AND/OR PAVEMENT
2. CONTRACTOR TO PROVIDE M.O.T. BY FLORIDA REGISTERED PROFESSIONAL ENGINEER TO THE CITY OF ORLANDO (MR. SCOTT WALKER) FOR APPROVAL
3. OPEN CUT EXISTING PAVEMENT AS NECESSARY FOR WATER LINE CONSTRUCTION. CONTRACTOR SHALL RESTORE EXISTING PAVEMENT-BASE/SUBBASE TO CONDITION EQUAL OR BETTER THAN EXISTING PER CITY OF ORLANDO STANDARDS. CONTRACTOR SHALL MAINTAIN PEDESTRIAN AND VEHICULAR TRAFFIC AT ALL TIMES AND COORDINATE MAINTENANCE OF TRAFFIC WITH THE CITY OF ORLANDO (MR. SCOTT WALKER, TRAFFIC CONTROL MANAGER (407-246-2372) CONTRACTOR SHALL RESTORE ASPHALT MIN. 25' EACH SIDE.

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Architects and Planners
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Orlando Police Department Crime Scene Facility

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REVISION

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seal

• revisions/addenda

number	location	description
1	Alan Jaco	01/30/2015
2	Alan Jaco	01/30/2015
3	Alan Jaco	02/05/2015
4	Alan Jaco	02/05/2015
5	Alan Jaco	02/09/2015
6	Alan Jaco	03/09/2015
7	Alan Jaco	03/09/2015
8	Alan Jaco	03/09/2015
9	Alan Jaco-SPR	03/18/2015

• sheet title
WATER AND WASTEWATER PLAN

• scale: As indicated
• drawn: FAR
• checked: RLA
• approved: JDV
• date: 03.16.15
• project number: 14010
• sheet number: C500