OFFICIAL FILE COPY
CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

Memorandum

MIAMI-DADE COUNTY

Date: September 1, 2009

Agenda Item No. 5(B)

To: Honorable Chairman Dennis C. Moss and Members, Board of County Commissioners

From: George M. Burgess, County Manager

Resolution No. R-1065-09

Subject: Class IV Permit Application by AMB I-75, LLC, to Impact 67.50 Acres of Wetlands to Construct a Commercial Development and the Acceptance of a Restrictive Covenant to Preserve and Enhance 10.45 Acres of Wetlands On-site

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Attached, please find for your consideration an application by AMB I-75, LLC for a Class IV permit and a restrictive covenant to preserve and enhance 10.45 acres of wetlands on-site. Also attached is the recommendation of the Director of the Department of Environmental Resources Management and a Resolution seeking the Board's approval of the aforesaid Class IV permit.

Assistant County Manager

1

Memorandum

MIAMI-DADE COUNTY

Date: July 29, 2009

To: George M. Burgess
County Manager

From: Carlos Espinosa, PE, Director
Environmental Resources Management

Subject: Class IV Permit Application by AMB I-75, LLC, to Impact 67.50 Acres of Wetlands to Construct a Commercial Development and the Acceptance of a Restrictive Covenant to Preserve and Enhance 10.45 Acres of Wetlands On-site

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Recommendation

I have reviewed the attached application for a Class IV Permit and the Restrictive Covenant by AMB I-75, LLC. Based upon the applicable evaluation factors set forth in Section 24-48.3 of the Code of Miami-Dade County, I recommend that the Board of County Commissioners (BCC) approve the issuance of a Class IV permit and accept the restrictive covenant for the reasons set forth below.

Scope

The subject property is located west of I-75 and north of NW 170th Street, which is within Commission District 12 (Commissioner Diaz).

Fiscal Impact/Funding Source

Not applicable.

Track Record/Monitor

Not applicable.

Background

The subject Class IV permit application involves the proposed dredging and filling of 67.5 acres of wetlands not supporting halophytic (salt tolerant) vegetation for a commercial development and the proffering of a restrictive covenant to preserve and enhance 10.45 acres of wetlands on-site. The subject property is located west of I-75 and north of NW 170th Street in Miami-Dade County, Florida. Chapter 24-48 of the Code of Miami-Dade County, which regulates the permitting of environmental resources, requires BCC approval for the issuance of Class IV permits to dredge and fill more than 15 acres of wetlands within the Urban Development Boundary (UDB). The proposed project site is within the UDB and adjacent to a residential development to the east, agricultural wetlands for cattle grazing to the west and undeveloped wetlands to the south.

The wetlands that will be impacted within the project area are characterized as herbaceous prairie with moderate levels of *Melaleuca,* an invasive plant species. The southern 22.26 acres are considered forested wetlands and contain native tree species, predominantly swamp bays. Compensatory mitigation for the ecological impacts related to the removal of the wetland communities will be accomplished by purchasing 17.75 herbaceous wetland mitigation credits and 12.35 forested wetland mitigation credits in the Everglades Mitigation Bank, owned and managed by Florida Power & Light Company. The wetland restoration and enhancement projects conducted within the Everglades Mitigation Bank have enhanced property in the South Dade Wetland Basin by removing exotic vegetation, replanting with native species, restoring filled areas to natural wetland grade and reestablishing a fire management program. In

addition, a restrictive covenant has been proffered for the preservation of 10.45 acres of wetlands on-site. The applicant is requesting to excavate 10.45 acres within the 67.5 acre project area, utilize the excavated material as fill for the project area, then backfill the excavation with clean fill to create a wetland preservation area.

The proposed project has been designed in accordance with all relevant Miami-Dade County Class IV Permit criteria and is consistent with all other Miami-Dade County wetland protection provisions. Please find attached a Project Report from the Department of Environmental Resources Management (DERM) Wetland Resources Section, which sets forth in more detail the reasons this project is recommended for approval by DERM pursuant to the applicable evaluation factors set forth in Section 24-48.3 of the Code of Miami-Dade County, Florida. The conditions, limitations, and restrictions set forth in the Project Report attached hereto are incorporated herein by reference hereto.

Attachments

Attachment A:	Class IV Permit Application
	Restrictive Covenant
	Site Plans
Attachment B:	Affidavits of Limited Liability Corporation
Attachment C:	Applicants/Agents Letter
	Engineer's Certification Letter
Attachment D:	Zoning Approval Letter
	DERM Water Control's Cut & Fill Approval
	Mitigation Acceptance Letter
Attachment E:	Adjacent Property Owner's List
Attachment F:	Project Report

NOTICE OF PUBLIC HEARING ON AN APPLICATION BY AMB I-75, LLC, FOR A CLASS IV PERMIT TO IMPACT 67.50 ACRES OF WETLANDS TO CONSTRUCT A COMMERCIAL DEVELOPMENT AND THE ACCEPTANCE OF A RESTRICTIVE COVENANT TO PRESERVE AND ENHANCE 10.45 ACRES OF WETLANDS ON-SITE, LOCATED WEST OF I-75 AND NORTH OF NW 170TH STREET IN SECTION 9, TOWNSHIP 52 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA

BOARD OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

NOTICE IS HEREBY GIVEN pursuant to Article IV, Division 1 of Chapter 24 of the Code of Miami-Dade County that the Board of County Commissioners of Miami-Dade County will hold and conduct a Public Hearing on a request by AMB I-75, LLC, for a Class IV Wetland Permit to impact 67.50 acres of wetlands to construct a commercial development and on the acceptance of a restrictive covenant to preserve and enhance 10.45 acres of wetlands on-site. Such Public Hearing will be held on the 1st day of September 2009 at 9:30 AM at the County Commission Chambers on the 2nd Floor of the Stephen P. Clark Center at 111 NW 1st Street in Miami, Florida.

Plans and details concerning the work requested in the application may be reviewed by interested persons at the office of the Miami-Dade County Department of Environmental Resources Management, 701 NW 1st Court, Suite 400, Miami, Florida 33136-3912.

Oral statements will be heard and appropriate records made. For accuracy of records, all important facts and arguments should be prepared in writing in triplicate, with two copies being submitted to the Deputy Clerk of the County Commission at the hearing or mailed to her beforehand (Diane Collins, Deputy Clerk), 111 NW 1st Street, Stephen P. Clark Center, Suite 17-202, Miami, Florida 33128; and with one copy being submitted beforehand to the Miami-Dade County Department of Environmental Resources Management, 701 NW 1st Court, Suite 400, Miami, Florida, 33136.

A person who decides to appeal any decision made by any Board, Agency, or Commission with respect to any matter considered at its meeting or hearing, will need a record of proceedings. Such person may need to ensure that a verbatim record of the proceedings is made, including the testimony and evidence upon which the appeal is to be based.

BOARD OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

HARVEY RUVIN, CLERK

BY: _____
Diane Collins, Deputy Clerk

MEMORANDUM

(Revised)

TO: Honorable Chairman Dennis C. Moss and Members, Board of County Commissioners

DATE: September 1, 2009

FROM: R. A. Cuevas, Jr. County Attorney

SUBJECT: Agenda Item No. 5(B)

Please note any items checked.

_____	**"4-Day Rule" ("3-Day Rule" for committees) applicable if raised**
_____	**6 weeks required between first reading and public hearing**
_____	**4 weeks notification to municipal officials required prior to public hearing**
_____	**Decreases revenues or increases expenditures without balancing budget**
_____	**Budget required**
_____	**Statement of fiscal impact required**
_____	**Bid waiver requiring County Mayor's written recommendation**
_____	**Ordinance creating a new board requires detailed County Manager's report for public hearing**
_____	**Housekeeping item (no policy decision required)**
V	**No committee review**

5

Approved_____ Mayor

Veto _____

Override _____

Agenda Item No. 5(B)
9-1-09

RESOLUTION NO. **R-1065-09**

RESOLUTION RELATING TO AN APPLICATION BY AMB I-75, LLC, FOR A CLASS IV PERMIT TO IMPACT 67.50 ACRES OF WETLANDS TO CONSTRUCT A COMMERCIAL DEVELOPMENT AND THE ACCEPTANCE OF A RESTRICTIVE COVENANT TO PRESERVE AND ENHANCE 10.45 ACRES OF WETLANDS ON-SITE WEST OF I-75 AND NORTH OF NW 170TH STREET IN SECTION 9, TOWNSHIP 52 SOUTH, RANGE 40 EAST, MIAMI-DADE COUNTY, FLORIDA

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board having considered all the applicable factors contained within Section 24-48.3 of the Code of Miami-Dade County, hereby approves the application by AMB I-75, LLC for a Class IV permit to impact 67.50 acres of wetlands to construct a commercial development and hereby accepts the restrictive covenant to preserve and enhance 10.45 acres of wetlands within the project site located west of I-75 and north of NW 170 Street in Miami-Dade County, subject to the conditions set forth in the memorandum from the Director of the Miami-Dade County Department of Environmental Resources Management, a copy of which is attached hereto and made a part hereof. The issuance of this approval does not relieve the applicant from obtaining all applicable Federal, State, and local permits.

The foregoing resolution was offered by Commissioner **Sally A. Heyman**, who moved its adoption. The motion was seconded by Commissioner **Dennis C. Moss** and upon being put to a vote, the vote was as follows:

Dennis C. Moss, Chairman	**aye**		
Jose "Pepe" Diaz, Vice-Chairman	**absent**		
Bruno A. Barreiro	**absent**	Audrey M. Edmonson	**aye**
Carlos A. Gimenez	**aye**	Sally A. Heyman	**aye**
Barbara J. Jordan	**aye**	Joe A. Martinez	**aye**
Dorrin D. Rolle	**aye**	Natacha Seijas	**aye**
Katy Sorenson	**aye**	Rebeca Sosa	**aye**
Sen. Javier D. Souto	**aye**		

The Chairperson thereupon declared the resolution duly passed and adopted this 1st day of September, 2009. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: **DIANE COLLINS**
Deputy Clerk

Approved by County Attorney as to form and legal sufficiency.

Peter S. Tell

ATTACHMENT A

Class IV Permit Application Form

Restrictive Covenant

Site Plans

MIAMI-DADE COUNTY

Class IV Wetland Permit Application

For Official Use Only	Date Received	Application Number
CORPS Application Number:		
DEP/SFWMD Application Number:		FW 07-076

1. Applicant Information:

Name: AMB I-75, LLC
Address: 60 State Street, Suite 1200
Boston, MA
Zip Code: 2109 Phone # 404-443-6210
Email jmorgan@amb.com Fax # 678-302-9351

2. Applicant's authorized permit agent:

Name: RS Environmental Consulting, Inc.
Address: 12265 SW 129th Ct
Miami, FL
Zip Code: 33116 Phone 305-383-3404
Email rainer@rs-env.com Fax # 305-383-3270

3. Location where proposed activity exists or will occur:

West of I-75 and north of NW 170th Street
Street, road, or other descriptive location

Section: 9
Township: 52S
Range: 40E

N/A
Incorporated city or town

30-2009-001-0340,-0350,-0360,-0370,
-0380,-0390,-0400,-0450,-0460,-0475
Folio Number

4. Proposed use:

Private Single Dwelling		Commercial	X
Multi-Family Dwelling		Agricultural	
Multi-Single Family		Public	
Please explain:		Other	

Warehouse, distribution center and storage facilities

5. Description of Project (Use additional sheets, if necessary)

Total Acreage of Wetlands to be Impacted: 67.50 (10.45 acres of the 67.50 to be regraded as part of the on-site wetland enhancement.)

A. Lake Excavation or Dredging:

1. Total wetland acreage to be excavated or dredged: 10.45
2. Cubic yards: Total for Project: 168,593
   a. Depth of excavated/dredged area:
   b. Type of material to be excavated/dredged:

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B. Placement of Fill

1. Total wetland acreage to be filled: 57.05
   a. Cubic yards:
2. Type of material to be used: Clean fill
3. Source of fill material to be used: Local sources

CONTINUED ON NEXT PAGE

5. Description of Project (continued)

C. Agriculture

1. Total wetland area to be cleared and/or plowed _____

2. Total area to be bedded for planting _____

3. Type of agriculture to be conducted (check any that apply):

a. Row Crops ☐

b. Grove ☐

c. Field Nursery ☐

d. Container Nursery ☐

e. Shade House Nursery ☐

f. Other ☐

(please explain) _____

4. If proposed project involves the construction of any drainage, water containment or conveyance facilities (I.e. ditches, diked areas, ponds, swales), please describe the proposed facilities:

_____

NOTE: If the project involves construction of any residential, office, storage facilities or other structures, or if the project involves the placement of a trailer on the property, separate approval from Miami-Dade County Building and Zoning Department (305-375-2500) is required:

6. Date activity is proposed to commence ASAP

Date activity is proposed to be completed 3 years

7. Previous permits for this project (or any part thereof) have been:

	State*	Corps*
A. Denied (date)	_____	_____
B. Issued (date)	_____	_____

C. Other (please explain) _____

*Differentiate between existing work and proposed work on the drawings.

8. ADDITIONAL ITEMS REQUIRED FOR APPLICATION SUBMITTAL. (Please note that, in addition to the information requested on this application form, there are several other items which must be submitted with your application. See Instruction pamphlet for the additional information required for this application.)

9. AFFIDAVIT OF OWNERSHIP OR CONTROL of the property on which the proposed project is to be undertaken.

I CERTIFY THAT I AM THE RECORD OWNER, LESSEE, OR RECORD EASEMENT HOLDER OF THE PROPERTY DESCRIBED BELOW.

NOTE: Lessees must provide a signed, notarized statement from the property owner indicating that the owner has reviewed the proposed project, including all proposed plans, and has agreed to allow the proposed project to occur on his or her lands.

LEGAL DESCRIPTION OF PROPERTY SITUATED IN MIAMI-DADE COUNTY, FLORIDA
(use additional sheets if necessary)

Please see attached legal description (Exhibit A)

Please see attached Chain of Ownership Document (Exhibit B)

Signature

John Morgan
Print Name

Vice President of Development, AMB Property Holding Corporation
Official Title

Sworn and subscribed before me at Miami-Dade county, this 7 day of January

YOLANDA ESTRADA
MY COMMISSION # DD 697237
EXPIRES: July 22, 2011
Bonded Thru Notary Public Underwriters

Notary Public

My commission expires: _____

10. APPLICATION IS MADE FOR A PERMIT(S) TO AUTHORIZE THE ACTIVITIES DESCRIBED HEREIN.

A. I authorize the agent listed in Item #2 to negotiate modifications or revisions, when necessary, and accept or assent to any requirements on my behalf.

B. I agree to provide entry to the project site for inspectors with proper identification or documents from Miami-Dade County Department of Environmental Resources Management for the purpose of making preliminary analyses of the site. Further, I agree to provide entry to the project site for such inspectors to monitor permitted work if a permit is granted.

C. Further, I hereby acknowledge the obligation and responsibility for obtaining all of the required state, federal or local permits **before** commencement of construction activities. I also understand that before commencement of this proposed project I must be granted separate permits or authorizations from the U.S. Army Corps of Engineers, the Department of Environmental Protection and the South Florida Water Management District, as necessary.

I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities.

Signature of Applicant(s)	7 Jan 2008 Date
John Morgan Print Name	
Vice President of Development, AMB Property Holding Corporation Official Title	
Signature of Applicant(s)	Date
Print Name	
Official Title	

NOTE: THIS APPLICATION MUST BE SIGNED by the person(s) who desires to undertake the proposed activity or by an authorized agent. If an agent is applying on behalf of the applicant, attach proof of authority for the agent to sign and bind the applicant.

NOTICE TO PERMIT APPLICANTS

This is a Class IV Permit Application; It is **NOT** A Class IV Permit! You Must Obtain **ALL** Required Local, State, and Federal Authorizations or Permits **BEFORE** Commencing work!!

Revised 6-7-07

Exhibit B – Chain of Ownership

AMB I-75, LLC
a Delaware limited liability company

By: AMB HFC, L.P.,
its sole member

By: AMB HFC GP, LLC,
its general partner

By: AMB Property II, L.P.,
its sole member

By: AMB Property Holding Corporation, a Maryland corporation, its general partner

By:_____
Print Name: John Morgan
Title: Vice President of Development, AMB Property Holding Corporation

OFFICER'S CERTIFICATE
OF
AMB PROPERTY HOLDING CORPORATION

The undersigned, Eugene F, Reilly, President of AMB Property Holding Corporation, a Maryland corporation (the "Company"), certifies on behalf of the Company, as follows:

1. That pursuant to resolutions adopted by the Board of Directors of the Company on September 27, 2007 (the "Resolutions"), the officers of the Company are empowered and authorized, acting on behalf of the Company in its individual capacity, and on behalf of its subsidiaries, without further specific authority from the Board of Directors (including any committee thereof), to enter into on behalf of and to bind the Company and its subsidiaries **in all matters related to the development of the property in Miami-Dade County, Florida, legally described in the attached Exhibit "A" (the "Property"), including but not limited to join in the filing with the Board of County Commissioners a petition for a Special Taxing district for the subdivision known as "AMB I-75 Business Park" pursuant to Chapter 18 of the Code of Miami-Dade County.**

2. That as of the date hereof John Morgan, Vice President of Development, East Region of the Company is an Authorized Officer, as defined in the Resolutions, and as such has the authority to **enter into negotiations, execute documents and** bind the Company and its subsidiaries. **Specifically Mr. Morgan is authorized, directed and empowered to execute any and all applications, petitions and other documents pertaining to the Special Taxing District for the subdivision known as "AMB I-75 Business Park" pursuant to Chapter 18 of the Code of Miami-Dade County, Florida, as well as any and all applications, petitions, permits and other documents pertaining to the development of the Property.**

The Resolutions have not been amended, superseded or revoked and are in full force and effect on the date hereof and shall remain in effect until such time the Resolutions are revoked.

IN WITNESS WHEREOF, I have hereunto set my hand to be effective as of February 19, 2008.

AMB PROPERTY HOLDING CORPORATION,
a Maryland corporation

By: _____
Eugene F. Reilly, President

STATE OF Massachusetts

COUNTY OF Suffolk

I HEREBY CERTIFY that on this day, before me, an officer duly qualified to take acknowledgements, personally appeared Eugene F. Reilly **the Manager/Member of AMB I-75, LLC, a Delaware limited liability company, (✓) to me personally known or (___) produced identification in the form of _____, and who**

executed the foregoing resolution and acknowledged before me that he **executed the same for the purposes herein expressed.**

WITNESS my hand and official seal in the County and State last aforesaid, this 23 **day of** July **, 2009.**

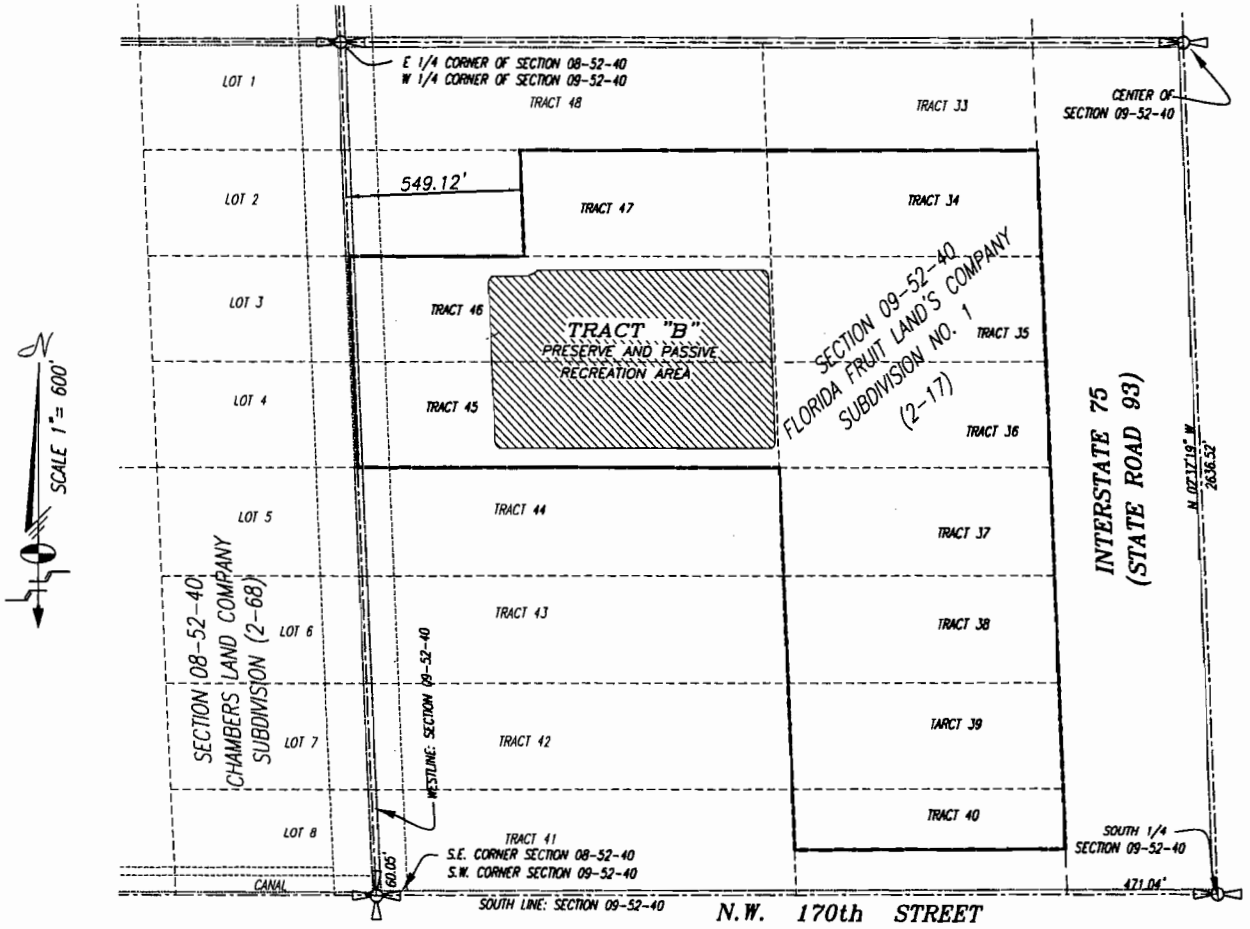
Margaret A. Orlowski

Notary Public State of Massachusetts

My Commission expires 7/20 **, 2012.**

MARGARET A. ORLOWSKI
NOTARY PUBLIC
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES 7/20/2012

LOCATION MAP
TRACT "B", AMB I-75 BUSINESS PARK (UNRECORDED)



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	SCHWEBKE-SHISKIN & ASSOCIATES, INC. LAND SURVEYORS-ENGINEERS-LAND PLANNERS - 3240 CORPORATE WAY-MIRAMAR, FL 33025 PHONE No.(954)435-7010 FAX No. (954)438-3288 ORDER NO. 196466 DATE: MARCH 30, 2009 THIS IS NOT A " BOUNDARY SURVEY" CERTIFICATE OF AUTHORIZATION No. LB-87 PREPARED UNDER MY SUPERVISION: ALFONSO C. TELLO, PRESIDENT FLA. PROF. LAND SURVEYOR N° 2978	REVISIONS

SHEET 1 OF 3

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RESTRICTIVE COVENANT RUNNING WITH THE LAND IN FAVOR OF MIAMI-DADE COUNTY

The undersigned, AMB I-75, LLC, being the present owner(s) of the following real property (hereinafter called "the Property"), lying, being and situated in Miami-Dade County, Florida, to wit:

See Exhibit A

pursuant to Section 24-48.2(I)(B)(2)(b) of the Code of Miami-Dade County, Florida hereby proffers this executed Restrictive Covenant Running With The Land in Favor of Miami-Dade County, Florida as part of Miami-Dade County Department of Environmental Resources Management Class IV Permit Application Number FW 07-076 :

1. The owner, its heirs, successors, assigns and grantees, covenants to Miami-Dade County to comply with all conditions set forth in the Miami-Dade County Class IV Wetland Permit No. FW 07-076 attached hereto as Exhibit B and incorporated herein by reference.

2. The owner, its heirs, successors, assigns and grantees, covenants to Miami-Dade County that neither native trees nor native understory shall be removed from the Property without the prior written consent of the Miami-Dade County Department of Environmental Resources.

3. The owner, its heirs, successors, assigns and grantees, shall notify Miami-Dade County in writing not later than thirty (30) days after any conveyance, sale, grant or transfer of the Property or any portion thereof, to any heirs, successors, assigns or grantees.

4. The owner, its heirs, successors, assigns and grantees, covenants to Miami-Dade County to prohibit and prevent public access to all areas of the Property. In the event that the Property is being degraded (i.e., the area is being destroyed or damaged, plants removed or trampled upon or trash and debris are accumulating in the area), then Miami-Dade County may require the owner to install protective barriers around any area within the Property, which has been degraded.

5. This Restrictive Covenant shall run with the land and shall be recorded in the Public Records of Miami-Dade County, Florida and shall remain in full force and effect and be binding upon the undersigned, and their heirs, successors, grantees and assigns until such time as the same is modified or released in writing by Miami-Dade County, Florida.

6. The undersigned agree(s) and covenant(s) that this Restrictive Covenant and the provisions contained herein may be enforced against any person permitting, allowing, letting, causing or suffering any violation of the terms of this Restrictive Covenant by the Department of Environmental Resources Management, or its successor, by temporary, permanent, prohibitory, and mandatory injunctive relief as well as otherwise provided by law or ordinance and also may include an action for and to recover civil penalties, damages, costs and expenses, and attorney's fees in favor of Miami-Dade County against said person(s) as authorized by law or ordinance. All of the remedies provided herein shall be deemed to be independent and cumulative and shall be deemed to be supplemental to any remedies provided by law or ordinance.

IN WITNESS WHEREOF, the undersigned have caused this Covenant to be executed this 7 day of July, 2009.

Witnesses:

sign _____

print Courtney Leiti

Property Owner

sign _____

print John R. Morgan

AMB I-75, LLC
A Delaware limited liability company
By: AMB HFC, L.P.,
Its sole member
By: AMB HFC GP, LLC,
Its general partner
By: AMB Property II, L.P.,
Its sole member
By: AMB Property Holding Corporation, a Maryland Corporation, it general partner
Vice President of Development, AMB Property Holding Corporation

sign _____

print Melanie Hofer

Title VP Development

Address 60 State Street, Suite 1200
Boston, MA 02109

STATE OF FLORIDA, COUNTY OF DADE

The foregoing instrument was acknowledged before me this 7th day of July, 2009. by John Morgan as _____, who is personally known to me or who has produced _____ as identification and who did take an oath.

NOTARY PUBLIC:

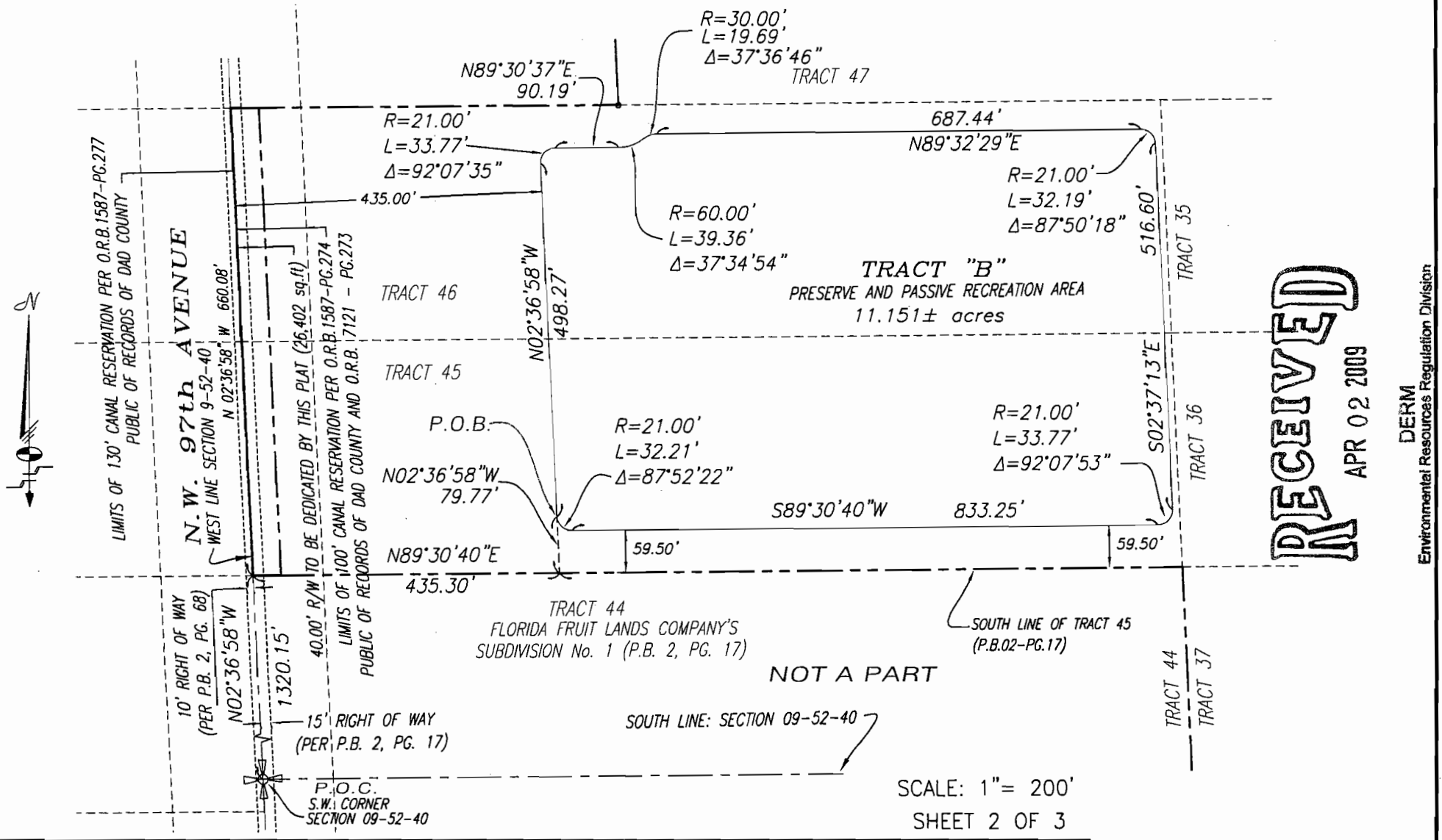
sign _____

print Yolanda Estrada

State of Florida at Large (Seal)
My Commission Expires:

YOLANDA ESTRADA
MY COMMISSION # DD 697237
EXPIRES: July 22, 2011
Bonded Thru Notary Public Underwriters

SKETCH TO ACCOMPANY LEGAL DESCRIPTION OF TRACT "B", AMB I-75 BUSINESS PARK (UNRECORDED)



SCALE: 1"= 200'

SHEET 2 OF 3

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SCHWEBKE-SHISKIN & ASSOCIATES, INC.
LAND SURVEYORS-ENGINEERS-LAND PLANNERS - 3240 CORPORATE WAY-MIRAMAR, FL 33025
PHONE No.(954)435-7010 FAX No. (954)438-3288

ORDER NO. 196466

DATE: MARCH 30, 2009

THIS IS NOT A " BOUNDARY SURVEY"

CERTIFICATE OF AUTHORIZATION No. LB-87

PREPARED UNDER MY SUPERVISION:

ALFONSO C. TELLO, PRESIDENT

FLA. PROF. LAND SURVEYOR N° 2978

REVISIONS

LEGEND:

—℄—	DENOTES CENTER LINE
P.O.C.	DENOTES POINT OF COMMENCEMENT
P.O.B.	DENOTES POINT OF BEGINNING
B.C.R.	DENOTES BROWARD COUNTY RECORDS
P.B.	DENOTES PLAT BOOK
PG(S).	DENOTES PAGE(S)
R	DENOTES RADIUS
Δ	DENOTES DELTA
L	DENOTES ARC

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LEGAL DESCRIPTION TO DESCRIPTION ACCOMPANY SKETCH OF TRACT "B", AMB I-75 BUSINESS PARK (UNRECORDED)

A PORTION OF TRACTS 45 AND 46, FLORIDA FRUIT LANDS COMPANY'S SUBDIVISION NO. 1, IN SECTION 9, TOWNSHIP 52 SOUTH, RANGE 40 EAST, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 2 AT PAGE 17 OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF SAID SECTION 9; THENCE NORTH 02 DEGREES 36 MINUTES 58 SECONDS WEST, ALONG THE WEST LINE OF SAID SECTION 9, FOR 1320.15 FEET; THENCE NORTH 89 DEGREES 30 MINUTES 40 SECONDS EAST, ALONG THE SOUTH LINE OF SAID TRACT 45 AND ITS WESTERLY PROLONGATION, FOR 435.30 FEET; THENCE NORTH 02 DEGREES 36 MINUTES 58 SECONDS WEST FOR 79.77 FEET TO THE POINT OF BEGINNING OF THE PARCEL OF LAND HEREIN DESCRIBED; THENCE CONTINUE NORTH 02 DEGREES 36 MINUTES 58 SECONDS WEST, ALONG A LINE PARALLEL WITH AND 435.00 FEET EASTERLY OF, AS MEASURED AT RIGHT ANGLES TO, THE WEST LINE OF SAID SECTION 9, FOR 498.27 FEET TO A POINT OF CURVATURE; THENCE NORTHERLY, NORTHEASTERLY AND EASTERLY ALONG A CIRCULAR CURVE TO THE RIGHT HAVING A RADIUS OF 21.00 FEET AND A CENTRAL ANGLE OF 92 DEGREES 07 MINUTES 35 SECONDS FOR AN ARC DISTANCE OF 33.77 FEET TO A POINT OF TANGENCY; THENCE NORTH 89 DEGREES 30 MINUTES 37 SECONDS EAST FOR 90.19 FEET TO A POINT OF CURVATURE; THENCE EASTERLY AND NORTHEASTERLY ALONG A CIRCULAR CURVE TO THE LEFT HAVING A RADIUS OF 60.00 FEET AND A CENTRAL ANGLE OF 37 DEGREES 34 MINUTES 54 SECONDS FOR AN ARC DISTANCE OF 39.36 FEET TO A POINT OF REVERSE CURVATURE; THENCE NORTHEASTERLY AND EASTERLY ALONG A CIRCULAR CURVE TO THE RIGHT HAVING A RADIUS OF 30.00 FEET AND A CENTRAL ANGLE OF 37 DEGREES 36 MINUTES 46 SECONDS FOR AN ARC DISTANCE OF 19.69 FEET TO A POINT OF TANGENCY; THENCE NORTH 89 DEGREES 32 MINUTES 29 SECONDS EAST FOR 687.44 FEET TO A POINT OF CURVATURE; THENCE NORTHEASTERLY, EASTERLY AND SOUTHEASTERLY ALONG A CIRCULAR CURVE TO THE RIGHT HAVING A RADIUS OF 21.00 FEET AND A CENTRAL ANGLE OF 87 DEGREES 50 MINUTES 18 SECONDS FOR AN ARC DISTANCE OF 32.19 FEET TO A POINT OF TANGENCY; THENCE SOUTH 02 DEGREES 37 MINUTES 13 SECONDS EAST FOR 516.60 FEET TO A POINT OF CURVATURE; THENCE SOUTHEASTERLY, SOUTHERLY AND SOUTHWESTERLY ALONG A CIRCULAR CURVE TO THE RIGHT HAVING A RADIUS OF 21.00 FEET AND A CENTRAL ANGLE OF 92 DEGREES 07 MINUTES 53 SECONDS FOR AN ARC DISTANCE OF 33.77 FEET TO A POINT OF TANGENCY; THENCE SOUTH 89 DEGREES 30 MINUTES 40 SECONDS WEST, ALONG A LINE PARALLEL WITH AND 59.50 FEET NORTHERLY OF, AS MEASURED AT RIGHT ANGLES TO, THE SOUTH LINE OF SAID TRACT 45 FOR 833.25 FEET TO A POINT OF CURVATURE; THENCE SOUTHWESTERLY, WESTERLY AND NORTHWESTERLY ALONG A CIRCULAR CURVE TO THE RIGHT HAVING A RADIUS OF 21.00 FEET AND A CENTRAL ANGLE OF 87 DEGREES 52 MINUTES 22 SECONDS FOR AN ARC DISTANCE OF 32.21 FEET TO A POINT OF TANGENCY AND TO THE POINT OF BEGINNING.

ALL LYING AND BEING IN MIAMI-DADE COUNTY, FLORIDA AND CONTAINING 11.151 ACRES MORE OR LESS.

SCHWEBKE-SHISKIN & ASSOCIATES, INC.
LAND SURVEYORS-ENGINEERS-LAND PLANNERS - 3240 CORPORATE WAY-MIRAMAR, FL 33025
PHONE No.(954)435-7010 FAX No. (954)438-3288

ORDER NO. 196466
DATE: MARCH 30, 2009
THIS IS NOT A " BOUNDARY SURVEY"
CERTIFICATE OF AUTHORIZATION No. LB-87

PREPARED UNDER MY SUPERVISION:

ALFONSO C. TELLO, PRESIDENT
FLA. PROF. LAND SURVEYOR N° 2978

REVISIONS

K:\095240\AMB-I 75\survey\dwg\AMB T-PLA-MODIFY-03-30-2009.dwg

Exhibit B – Chain of Ownership

AMB I-75, LLC
a Delaware limited liability company

By: AMB HFC, L.P.,
its sole member

By: AMB HFC GP, LLC,
its general partner

By: AMB Property II, L.P.,
its sole member

By: AMB Property Holding Corporation, a Maryland corporation, its general partner

By:_____
Print Name: John Morgan
Title: Vice President of Development, AMB Property Holding Corporation

OFFICER'S CERTIFICATE
OF
AMB PROPERTY HOLDING CORPORATION

The undersigned, Eugene F, Reilly, President of AMB Property Holding Corporation, a Maryland corporation (the "Company"), certifies on behalf of the Company, as follows:

1. That pursuant to resolutions adopted by the Board of Directors of the Company on September 27, 2007 (the "Resolutions"), the officers of the Company are empowered and authorized, acting on behalf of the Company in its individual capacity, and on behalf of its subsidiaries, without further specific authority from the Board of Directors (including any committee thereof), to enter into on behalf of and to bind the Company and its subsidiaries **in all matters related to the development of the property in Miami-Dade County, Florida, legally described in the attached Exhibit "A" (the "Property"), including but not limited to join in the filing with the Board of County Commissioners a petition for a Special Taxing district for the subdivision known as "AMB I-75 Business Park" pursuant to Chapter 18 of the Code of Miami-Dade County.**

2. That as of the date hereof John Morgan, Vice President of Development, East Region of the Company is an Authorized Officer, as defined in the Resolutions, and as such has the authority to **enter into negotiations, execute documents and** bind the Company and its subsidiaries. **Specifically Mr. Morgan is authorized, directed and empowered to execute any and all applications, petitions and other documents pertaining to the Special Taxing District for the subdivision known as "AMB I-75 Business Park" pursuant to Chapter 18 of the Code of Miami-Dade County, Florida, as well as any and all applications, petitions, permits and other documents pertaining to the development of the Property.**

The Resolutions have not been amended, superseded or revoked and are in full force and effect on the date hereof and shall remain in effect until such time the Resolutions are revoked.

IN WITNESS WHEREOF, I have hereunto set my hand to be effective as of February 19, 2008.

AMB PROPERTY HOLDING CORPORATION,
a Maryland corporation

By: _____
Eugene F. Reilly, President

STATE OF Massachusetts

COUNTY OF Suffolk

I HEREBY CERTIFY that on this day, before me, an officer duly qualified to take acknowledgements, personally appeared Eugene F. Reilly **the Manager/Member of AMB I-75, LLC, a Delaware limited liability company, (✓) to me personally known or (__) produced identification in the form of _____, and who**

executed the foregoing resolution and acknowledged before me that he **executed the same for the purposes herein expressed.**

WITNESS my hand and official seal in the County and State last aforesaid, this 23 **day of** July**, 2009.**

Margaret A. Orlowski

Notary Public State of Massachusetts

My Commission expires 7/20**, 20**12.

MARGARET A. ORLOWSKI
NOTARY PUBLIC
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES 7/20/2012

AMB I-75 BUSINESS PARK

MIAMI-DADE COUNTY, FLORIDA

PAVING, GRADING AND DRAINAGE SYSTEM PLANS

RECEIVED
APR 14 2009
DERM
Environmental Resources Regulation Division

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
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G-2	GENERAL NOTES
G-3	KEY MAP PLAN
C-1 THRU C-7	PAVING AND GRADING PLAN
C-8 THRU C-14	DRAINAGE BASIN PLAN
C-15 THRU C-18A	TYPICAL SECTIONS
C-19	SCHEDULE OF DRAINAGE STRUCTURES
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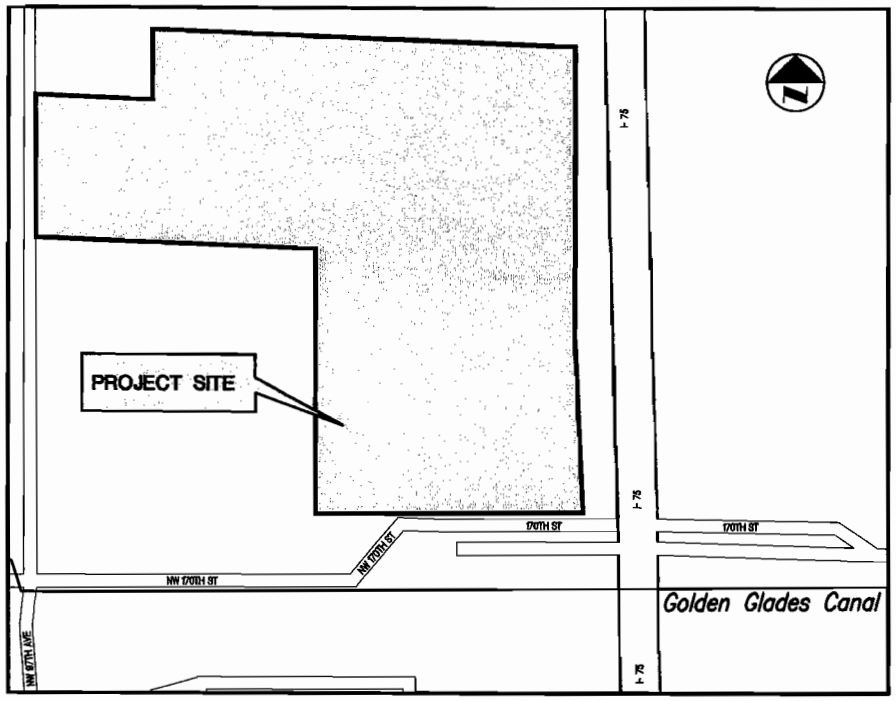
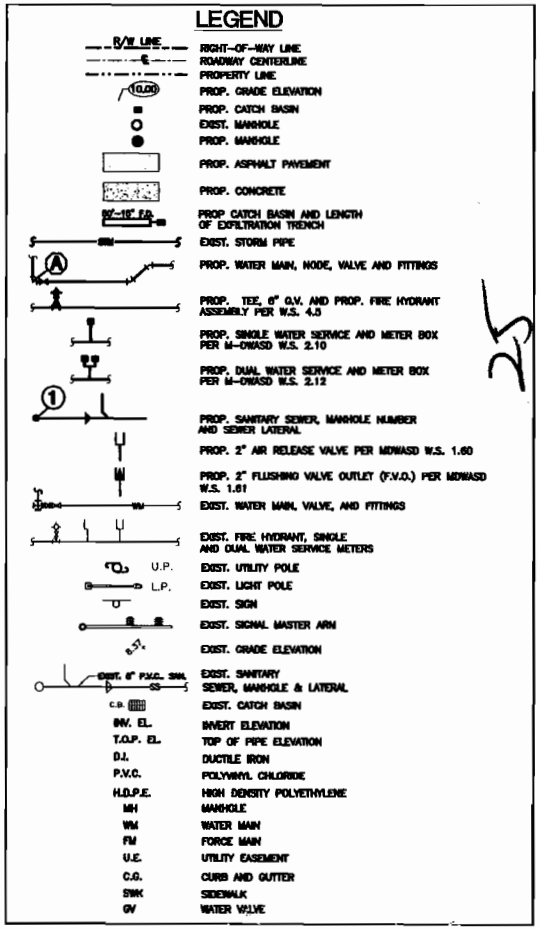


LOCATION SKETCH
SCALE: 1" = 300'



25

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Sunshine State One Call of Florida, Inc.

CERTIFICATION:

THIS PLAN WAS PREPARED UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLIES WITH THE INTENT OF THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, AS ADOPTED BY THE FLORIDA LEGISLATURE, CHAPTER 72-328 F.S.

PREPARED FOR:

AMB PROPERTY CORPORATION

PREPARED BY:

MSA Milian, Swain & Associates, Inc.
2025 S.W. 32nd AVENUE, MIAMI, FLORIDA 33145
TEL. (305)441-0123 FAX (305)441-0688
CIVIL & ENVIRONMENTAL ENGINEERS • UTILITY MANAGEMENT • FINANCIAL CONSULTANTS
CERTIFICATE OF AUTHORIZATION NO. 5460

APPROVED BY: _____ DATE: 4/6/09
ARSENIO MILIAN
REGISTERED ENGINEER NO. 13134
STATE OF FLORIDA

GENERAL NOTES AND SPECIFICATIONS

NOT PART OF M-DWASD NOTES NOR APPROVAL

GENERAL NOTES AND SPECIFICATIONS

I. APPLICABLE CODES:

A. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, MIAMI-DADE WATER AND SEWER DEPARTMENT AND ALL OTHER APPLICABLE LOCAL, STATE AND NATIONAL CODES.

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 OR LATEST EDITION, AND ALL STATE AND LOCAL SAFETY AND HEALTH REGULATIONS.

C. ALL ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929, (N.G.V.D.), UNLESS OTHERWISE NOTED.

D. CENTERLINE GEOMETRY AND DIMENSIONS SHOWN ON THESE PLANS ARE INTENDED FOR LOCATING HIGH AND LOW POINTS AND ARE NOT TO BE USED FOR SITE LAYOUT. FINAL SITE LAYOUT SHALL BE PROVIDED BY RODRIGUEZ PEREIRA ARCHITECTS, INC.

E. EXISTING TOPOGRAPHIC AND CADASTRAL INFORMATION SHOWN ON THESE DRAWINGS ARE BASED ON THE TOPOGRAPHIC SURVEY PERFORMED BY ROYAL POINT LAND SURVEYORS, INC.

II. PRECONSTRUCTION RESPONSIBILITIES:

A. THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED.

B. UPON THE RECEIPT OF THE "NOTICE TO PROCEED", THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, THE OWNER AND THE ENGINEER OF RECORD.

C. THE CONTRACTOR SHALL CONTACT "SUNSHINE ONE-CALL OF FLORIDA" BY CALLING 1-800-432-4770 AT LEAST 48 HOURS PRIOR TO COMMENCING ANY EXCAVATION OR CONSTRUCTION IN ORDER TO PROVIDE FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.

D. THE CONTRACTORS SHALL COORDINATE WITH UTILITIES TO ARRANGE FOR RELOCATION AND TEMPORARY SUPPORT OF UTILITY FEATURES, ETC. AS NECESSARY TO COMPLETE THE WORK, IF APPLICABLE.

E. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ANY AND ALL EXISTING UTILITIES ON THIS PROJECT.

F. THE CONTRACTOR SHALL SECURE ALL UTILITY EASEMENTS (IF REQUIRED) TO BE SECURED PRIOR TO CONSTRUCTION.

G. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES AS SHOWN ON THE DRAWINGS WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE AT THE TIME PLANS WERE PREPARED BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC., WITHIN THE PROJECT AREA WHICH WERE INSTALLED AND CONSTRUCTED AFTER THE PREPARATION OF THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE FACILITIES SHOWN OR FOR ANY FACILITIES NOT SHOWN. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING FACILITIES, STRUCTURES AND OTHER FEATURES (WHETHER SHOWN ON THE PLANS OR NOT) AFFECTING THE WORK.

H. IF, UPON EXCAVATION, EXISTING CONDITIONS ARE FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD SO THAT APPROPRIATE MEASURES CAN BE TAKEN TO RESOLVE THE PROBLEM.

I. ALL ROAD CROSSINGS ARE OPEN CUT UNLESS OTHERWISE NOTED ON THE DRAWINGS.

III. INSPECTION AND TESTING:

A. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AS WELL AS ANY OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

B. THE CONTRACTOR SHALL GIVE THE ENGINEER OF RECORD AT LEAST 48 HOURS ADVANCE NOTICE OF, AND THE ENGINEER OF RECORD MUST BE PRESENT TO WITNESS, THE FOLLOWING:

1. LAMPING TEST OF THE SEWAGE COLLECTION SYSTEM.
2. INFILTRATION/EXFILTRATION TEST OF THE SEWAGE COLLECTION SYSTEM.
3. PRESSURE TESTING OF THE WATER DISTRIBUTION SYSTEM.
4. FINAL INSPECTION OF THE WATER, SEWER, PAVING, GRADING AND DRAINAGE.

C. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL APPLICABLE REGULATORY AGENCIES FOR INSPECTION REQUIREMENTS.

IV. SHOP DRAWINGS:

A. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD FOR THE FOLLOWING ITEMS: CATCH BASIN, STORM MANHOLES AND ALL OTHER DRAINAGE STRUCTURES, DRAINAGE PIPE, BALLAST ROCK, EXFILTRATION TRENCH FILTER FABRIC. IN ADDITION, SOME STATE, COUNTIES, STATE AND/OR NATIONAL REGULATORY AGENCIES REQUIRE THEIR OWN INDIVIDUAL REVIEW AND APPROVAL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY SHOP DRAWING APPROVALS IF REQUIRED.

V. TEMPORARY FACILITIES:

A. TEMPORARY FACILITIES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES, AND ELECTRICITY, DURING CONSTRUCTION.

2. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS ENTRANCE TO COMMERCIAL PROPERTIES AT ALL TIMES, IF APPLICABLE.

3. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION, IF APPLICABLE.

B. TRAFFIC REGULATION:

1. THE CONTRACTOR SHALL PROVIDE ALL WARNING SIGNALS, SIGNS, LIGHTS AND FLAGPERSONS AS NECESSARY FOR THE MAINTENANCE OF TRAFFIC WITHIN PUBLIC RIGHT-OF-WAYS IN ACCORDANCE WITH THE M.U.T.C.D., AND MIAMI DADE COUNTY PUBLIC WORKS.

2. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.

3. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION OF THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT.

VI. PROJECT CLOSEOUT:

A. CLEANING UP:

1. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER, AND UPON FINAL CLEAN-UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEPT BROOM CLEAN.

2. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT AND/OR EMPLOYEES TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS.

3. THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZED EARTH, CURBS, DRIVEWAYS, SIDEWALKS, FENCES, MAILBOXES, SIGNS AND ANY OTHER IMPROVEMENTS REMOVED DURING CONSTRUCTION WITH THE SAME TYPE OF MATERIAL AND TO THE CONDITION WHICH EXISTED PRIOR TO THE BEGINNING OF OPERATIONS.

4. WHERE MATERIAL OR DEBRIS HAVE WASHED OR FLOWED INTO, OR HAVE BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING THE PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.

B. ALL PROPERTY MONUMENTS OR PERMANENT REFERENCES, REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

C. PROJECT RECORD DOCUMENTS:

1. DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL RECORD ON HIS SET OF CONSTRUCTION DRAWINGS THE EXACT LOCATION, LENGTH AND ELEVATION OF ANY FACILITY NOT BUILT EXACTLY ACCORDING TO PLANS.

2. UPON COMPLETION OF DRAINAGE IMPROVEMENTS AND LIMEROCK BASE CONSTRUCTION (AND BEFORE PLACING ASPHALT PAVEMENT) THE CONTRACTOR SHALL FURNISH THE ENGINEER OF RECORD "AS-BUILT" PLANS FOR THESE IMPROVEMENTS, SHOWING THE LOCATIONS AND PERTINENT GRADES OF ALL DRAINAGE INSTALLATIONS AND THE FINISHED ROCK GRADES OF THE ROAD CROWN AND EDGES OF PAVEMENT AT 50 FEET INTERVALS.

3. UPON COMPLETION OF CONSTRUCTION, AND PRIOR TO FINAL PAYMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ONE COMPLETE SET OF ALL "AS-BUILT" CONTRACT DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONS, LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS.

4. "AS-BUILT" INFORMATION ON WATER MAINS AND GRAVITY SEWERS MUST BE PROVIDED IN ACCORDANCE WITH MDWASD STANDARD AS-BUILT REQUIREMENTS.

5. ALL "AS-BUILT" INFORMATION SHALL BE CERTIFIED BY A FLORIDA REGISTERED LAND SURVEYOR.

VII. EARTHWORK AND COMPACTION:

A. EARTHWORK AND COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION C2, "REQUIREMENTS FOR FILLING LAND IN UNINCORPORATED DADE COUNTY", OF THE MIAMI-DADE COUNTY PUBLIC WORKS MANUAL.

VIII. STORM DRAINAGE:

A. GENERAL:

1. CATCH BASIN GRATES AND RIM ELEVATIONS AS SHOWN ON PLANS SHALL BE ADJUSTED TO CONFORM TO NEW OR EXISTING GRADES.

2. DISTANCES AND LENGTHS SHOWN ON PLANS AND PROFILE DRAWINGS ARE REFERENCED TO THE CENTER OF STRUCTURES.

3. ALL STORM DRAINAGE MATERIALS AND INSTALLATION SHALL CONFORM TO THE APPLICABLE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT SPECIFICATIONS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

SECTION	TITLE
310	EXCAVATION, TRENCHING AND BACKFILLING FOR PIPE STRUCTURES
320	DRAINAGE PIPE
340	STORM SEWER MANHOLES
350	CATCH BASINS
360	INLETS
390	SEEPAGE DRAIN (FRENCH DRAIN)

B. ALL EXFILTRATION TRENCH SHALL BE AS PER STANDARD DETAIL DD 1.1 OF THE MIAMI-DADE COUNTY PUBLIC WORKS MANUAL, AND INSTALLED AT THE WIDTH, DEPTH AND ELEVATION SHOWN ON THE APPROVED CROSS SECTION DEPICTED ON THE PLANS. ANY CONFLICT WITH EXISTING OR PROPOSED UTILITIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER. ANY UNSUITABLE MATERIAL ENCOUNTERED IN THE EXCAVATION FOR THE EXFILTRATION TRENCH SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

C. ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRECAST CONCRETE AS MANUFACTURED BY U.S. PRECAST CORPORATION OR APPROVED EQUAL.

D. THE TRENCH FILTER FABRIC SHALL BE SELECTED FROM THE LIST OF MANUFACTURERS AND FABRIC TYPES APPROVED BY THE MIAMI DADE COUNTY PUBLIC WORKS DEPARTMENT. IT SHALL BE USED TO WRAP ALL SIDES AND TOP OF THE EXFILTRATION TRENCH. THE TOP SECTION OF THE MATERIAL SHALL BE LAPPED A MINIMUM OF 12 INCHES AND THE CONTRACTOR SHALL TAKE EXTREME CARE IN BACKFILLING TO AVOID SUBSIDING OF THE FABRIC.

E. PERFORATED PIPE SHALL TERMINATE 4'-0" FROM THE DRAINAGE STRUCTURE. THE REMAINING 4'-0" SHALL BE NON-PERFORATED PIPE.

F. PROVIDE A MINIMUM PROTECTIVE COVER OF 24 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSINGS BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.

G. THE CONTRACTOR SHALL PROTECT COMPLETED DRAINAGE STRUCTURES AND EXFILTRATION SYSTEM CONTAMINATION OF SILT AND CONSTRUCTION DEBRIS. PLACE PLYWOOD OR OR FILTER FABRIC BETWEEN THE FRAME AND INLET GRATE UNTIL CONSTRUCTION OPERATIONS ARE FINISHED.

IX. PAVING:

A. GENERAL:

1. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF LIMEROCK BASE.

2. ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.

3. ALL ROAD CROSSINGS ARE OPEN CUT UNLESS OTHERWISE NOTED ON THE DRAWINGS.

4. WHERE ANY PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW CUT.

5. PAVEMENT REPAIRS SHALL BE AS PER STANDARD DETAIL R 21.1 OF THE MIAMI-DADE COUNTY PUBLIC WORKS MANUAL.

B. MATERIALS AND INSTALLATION:

1. ALL WORK WITHIN MIAMI-DADE COUNTY PUBLIC WORKS RIGHT-OF-WAYS SHALL BE IN ACCORDANCE WITH MIAMI DADE COUNTY PUBLIC WORKS DEPARTMENT SPECIFICATIONS BUT NOT LIMITED TO THE FOLLOWING:

SECTION	TITLE
24	CLEARING AND GRUBBING
30	EXCAVATION AND EMBANKMENT
33	STABILIZING
40	RESTORATION OF TRENCHES
81	LIMEROCK BASE
100	PRIME AND TACK COATS
133	TYPE S-1 ASPHALTIC CONCRETE SURFACE COURSE
[illegible]	STREET NAME SIGNS

2. SUBGRADE FOR ROADWAY SHALL BE COMPACTED TO A MINIMUM OF [illegible] OF THE MAXIMUM DENSITY (AASHTO T-180), LBR 40.

3. BASE COURSE MATERIAL FOR PAVED AREAS SHALL BE A MINIMUM THICKNESS OF 8" PLACED ON A SINGLE LAYER FOR STREETS.

4. BASE COURSE SHALL BE COMPACTED TO [illegible] OF THE MAXIMUM DENSITY AS PER AASHTO T-180, LBR 100.

C. TESTING:

1. DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY, CERTIFIED BY THE STATE OF FLORIDA, WHERE DIRECTED BY THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT AND INSPECTOR.

X. TRAFFIC GENERAL NOTES & CONDITIONS

1. ENGINEER SHALL PREPARE SIGNING & PAVEMENT MARKINGS PLANS IN A SEPARATE SHEET (1"= 50' SCALE MINIMUM).

2. ENGINEER SHALL VISIT SITE & VERIFY FIELD CONDITIONS BEFORE PREPARING PROPOSED SIGNING & PAVEMENT MARKINGS PLANS.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL PAVEMENT MARKINGS AND SIGNS CONFLICTING WITH THE PROPOSED ROADWAY CONSTRUCTION.

4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL PAVEMENT MARKINGS AND SIGNS CONFLICTING AS SHOWN IN THE PLANS AND APPLICABLE TRAFFIC DESIGN STANDARDS.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND AT THE END OF THE PROJECT, AND AT ALL INTERSECTING SIDE STREETS.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF REFLECTIVE PAVEMENTS MARKERS ALONG THE ENTIRE LENGTH OF THE PROJECT.

7. ANY SIGNING MATERIAL, INCLUDING SUPPORTS TO BE REMOVED, SHALL BE DELIVERED BY THE CONTRACTOR TO DADE COUNTY'S TRAFFIC SIGNALS AND SIGNS MAINTENANCE FACILITY LOCATED AT 7100 NW 36 STREET, MIAMI, FLORIDA.

8. SIGN ASSEMBLY LOCATIONS SHOWN IN THE PLANS WHICH ARE IN CONFLICT WITH STREET LIGHTING UTILITIES, DRIVEWAYS, PEDESTRIAN RAMPS ETC MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER/INSPECTOR.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PEDESTRIAN RAMPS WHERE SIDEWALK IS EXISTING OR PROPOSED (ADA-PWM).

XI. WATER DISTRIBUTION SYSTEM:

A. GENERAL:

1. ALL MATERIALS, INSTALLATION AND TESTING UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI-DADE WATER AND SEWER DEPARTMENT (MDWASD) AND SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AVAILABLE AND ON FILE WITH THE DEPARTMENT.

B. SEPARATION OF WATER AND SEWER MAINS:

1. REFER TO DERM NOTES

C. MATERIALS, INSTALLATION AND TESTING:

1. ALL MATERIALS INSTALLATION AND TESTING OF THE WATER DISTRIBUTION SYSTEM SHALL BE IN ACCORDANCE WITH THE MIAMI-DADE WATER AND SEWER DEPARTMENT DESIGN AND SPECIFICATIONS AND DETAILS DATED 1999 OR LATEST EDITION.

2. SEE MDWASD NOTES ON THIS SHEET.

XII. SANITARY SEWER COLLECTION SYSTEM:

A. GENERAL:

1. ALL MATERIALS AND LABOR UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI-DADE WATER AND WATER AUTHORITY DEPARTMENT AND SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AVAILABLE AND ON FILE WITH THE DEPARTMENT.

2. MANHOLE RIM ELEVATIONS AS SHOWN ON PLANS SHALL BE ADJUSTED TO CONFORM TO NEW OR EXISTING GRADES.

3. DISTANCES AND LENGTHS SHOWN ON PLANS AND PROFILE DRAWINGS ARE REFERENCED TO THE CENTER OF STRUCTURES.

B. MATERIALS, INSTALLATION AND TESTING:

1. ALL MATERIALS INSTALLATION AND TESTING OF THE SANITARY SEWAGE COLLECTION SYSTEM SHALL BE IN ACCORDANCE WITH THE MIAMI-DADE WATER AND SEWER DEPARTMENT DESIGN AND SPECIFICATIONS AND DETAILS DATED 1999 OR LATEST EDITION.

2. SEE MDWASD NOTES ON THIS SHEET.

MDWASD WATER & SEWER NOTES

STANDARD REQUIREMENTS WATER AND SEWER CONSTRUCTION (G.S. 0.5) SHT 1-2

1. ALL MATERIALS AND LABOR UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI-DADE WATER AND SEWER DEPARTMENT (MDWASD) AND SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AVAILABLE AND ON FILE WITH THE DEPARTMENT. SUBMIT SHOP DRAWINGS FOR ALL MATERIALS.

2. COVER OVER WATER OR SEWER FORCE MAINS SHALL BE 4'-0" MIN.

3. ALL WATER MAIN LINE VALVES SHALL BE INSTALLED COMPLETE WITH 10" RISER PIPES AND NO. 3 OR S3 VALVE BOXES. FIRE HYDRANTS AND SERVICE VALVES SHALL BE INSTALLED COMPLETE WITH 6" RISER PIPES AND NO. 2 VALVE BOXES.

4. ALL FORCE MAIN SERVICE CONNECTIONS INTO PRESSURE TRANSMISSION MAINS SHALL HAVE A SHUT OFF VALVE AND CHECK VALVE AT THE POINT OF ENTRY.

5. ALL GRAVITY SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE TO DEPARTMENT STANDARDS.

6. ALL WATER METERS SHALL BE INSTALLED BY THE MIAMI-DADE WATER AND SEWER DEPARTMENT PROVIDED THE APPROPRIATE CHARGES HAVE BEEN PREPAID.

7. FIRE HYDRANT REQUIREMENTS (NUMBER AND LOCATION) SHALL BE AS REQUIRED BY MIAMI-DADE COUNTY FIRE DEPARTMENT OR THE APPROPRIATE FIRE AGENCY WITH INSTALLATIONS IN ACCORDANCE WITH DEPARTMENT STANDARDS.

8. CONTRACTOR MUST CALL MDWASD INSPECTION DIVISION TO ARRANGE FOR A PRE-CONSTRUCTION MEETING 48 HOURS PRIOR TO PROPOSED START OF CONSTRUCTION. CONTACT ONE CALL CENTER 48 HOURS PRIOR TO EXCAVATION.

9. DEPARTMENT PERSONNEL WILL INSPECT ALL FACILITIES APPROVED BY THIS DEPARTMENT. ALL OTHER REQUIREMENTS OF THE PERMITTING AGENCY SHALL BE IN ACCORDANCE WITH THEIR STANDARDS AND REQUIREMENTS.

10. WORK PERFORMED UNDER THIS PROJECT WILL NOT BE CONSIDERED AS COMPLETE UNTIL FINAL ACCEPTANCE OF THE SYSTEM BY THE DEPARTMENT AND UNTIL THE FOLLOWING DOCUMENTS ARE RECEIVED AND APPROVED BY THE DEPARTMENT.

1. EASEMENTS, IF REQUIRED.
2. CONTRACTOR'S WAIVER AND RELEASE OF LIEN.
3. ABSOLUTE BILL OF SALE
4. a. CONTRACTOR'S LETTER OF WARRANTY (I.E., LETTER AGREEMENT), OR
   b. DEVELOPER'S CONTRACT BOND (I.E., CONTRACT AGREEMENT).
5. "AS-BUILT" 4 MIL MYLAR "24x36" SHOWING SPECIFIC LOCATIONS, DEPTHS, ETC. OF ALL WATER FACILITIES AS LOCATED BY A LICENSED SURVEYOR, ALONG WITH PRINTS OF THE "AS-BUILT" WHICH HAVE BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR OR ENGINEER OF RECORD, AND ENDORSED BY THE CONTRACTOR. (NO. OF PRINTS : 3-FOR WATER, 4-FOR SEWER AND 5-FOR FORCE MAIN OR PUMP STATION PROJECTS).
6. H.R.S. LETTER OF RELEASE REQUIRED FOR ALL WATER PROJECTS.

11. ALL NEW CONNECTIONS FROM EXISTING DEPARTMENT MAINS TO BE MADE BY DEPARTMENT FORCES ONLY. THE CONTRACTOR TO EXCAVATE AT REQUIRED LOCATIONS, PROVIDE AND INSTALL MATERIAL WITH FITTINGS, PRIOR TO TAP.

12. AN APPROVED PAVING AND DRAINAGE PLAN MUST BE SUBMITTED TO MDWASD FOR ALL NEW SUBDIVISIONS PRIOR TO APPROVAL OF WATER AND SEWER PERMIT PLANS, UPON REQUEST.

13. UNLESS OTHERWISE SPECIFIED, ALL TAPS 20 INCHES AND SMALLER FOR CONNECTIONS TO EXISTING MAINS WITH A TAPPING SLEEVE AND TAPPING VALVE WILL BE PERFORMED BY DEPARTMENT FORCES, UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE PERMITTED TO TAP EXISTING MAINS IN THE SIZE RANGE SPECIFIED ABOVE.

"AS-BUILT" REQUIREMENTS (G.S. 0.5) SHT 2-2

1. AT THE COMPLETION OF ANY WATER AND SEWER JOB, THE CONTRACTOR SHALL SUBMIT:

a. "AS-BUILT MYLAR 24"X36" (MIN. 4 MIL THICKNESS) FOR EACH PHASE.
b. BLUE LINE (FROM MYLAR) WHICH HAS BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR OR ENGINEER OF RECORD, AND ENDORSED BY THE CONTRACTOR. (QTY. OF PRINTS, AS REQUIRED BY THE DEPARTMENT).

2. "AS-BUILT" FORMAT :

a. 24"X36" MYLAR IN INK ONLY.
b. THE WORD "AS-BUILT" IN LARGE LETTERS.
c. TITLE BLOCK WITH THE DEPARTMENT E.R. NUMBER AND PERTINENT INFORMATION.
d. PREFERRED SCALE TO BE 1"= 40' HORIZONTALLY AND 1"= 4' VERTICALLY.*
e. STREET NOMENCLATURE.
f. SEPARATE WATER AND SEWER PROFILE.
g. STATION MAIN STARTING WITH 0 + 00 AT PERMANENT REFERENCE POINT (I.E., C/L, ETC.), AND TO RUN CONTINUOUSLY TO END OF MAIN.
h. EASEMENTS, IF ANY, TIED TO PERMANENT REFERENCE POINT.
i. IDENTIFY ALL CONTROL LINES (I.E. BLDG. LINE, C/L, R/W, ETC.)
j. ALL "PROPOSED" INFORMATION TO BE REMOVED FROM MYLAR, LEAVING ONLY AS BUILT INFORMATION REFLECTED IN DRAWINGS.

3. WATER "AS-BUILTS" MUST INCLUDE:

a. PLAN SHOWING SIZE, MATERIAL AND OFFSET OF MAIN, DEFLECTIONS (IF ANY), STATION OF SERVICES, HYDRANTS AND FITTINGS AT THE MAIN LINE, (IF PERPENDICULAR TO IT), AND AT MAIN END OF SERVICE IF ANY OTHER ANGLE, AND DEFLECTION OF PIPE, IF ANY.
b. PROFILE SHOWING TOP OF GROUND AND TOP OF PIPE ELEVATIONS AT EVERY 100' STATION AND AT ANY CHANGE IN GRADE (WITH CORRESPONDING STATION), SIZE AND MATERIAL OF PIPE AND REFERENCE TO PLAN.

4. SEWER "AS-BUILTS" MUST INCLUDE :

a. PLAN SHOWING MANHOLE NUMBER, SIZE AND MATERIAL OF PIPE, DEFLECTION, IF ANY (FORCE MAIN ONLY), AND LOCATION OF LATERALS WITH REFERENCE TO MANHOLE.
b. PROFILE SHOWING MANHOLE NUMBER (AS PER PLAN), RIM AND INVERT ELEVATIONS (IF MORE THAN ONE INVERT, LABEL NORTH, SOUTH, ETC.) AND STATION STARTING AT 0 + 00 AT DOWNSTREAM MANHOLE.

5. FORCE MAIN "AS-BUILTS"; SAME AS WATER.

* OTHER SCALES MAY BE PERMITTED, BUT MUST BE APPROVED BY THE DEPARTMENT. PRIOR TO PREPARATION OF DRAWINGS.

NOTE:
NO PRECONSTRUCTION MEETING WILL TAKE PLACE UNTIL THE CORRESPONDING PUMP STATION IS APPROVED.

DERM NOTES ON WATER & SEWER INSTALLATION

(NOT PART OF M-DWASD NOTES NOR APPROVAL)

1) A HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN WATER AND SEWER MAIN. WHEN THE 10 FEET HORIZONTAL DISTANCE CRITERIA CANNOT BE MET DUE TO AN EXISTING UNDERGROUND FACILITY CONFLICT, THE SEWER SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE SLIP-ON OR MECHANICAL JOINTS AND PRESSURE TESTED AT 150 PSI.

2) A VERTICAL DISTANCE OF AT LEAST 18 INCHES SHALL BE MAINTAINED BETWEEN ANY WATER AND SEWER MAINS. [illegible]

3) [illegible]

4) THE MAXIMUM ALLOWABLE EXFILTRATION RATE OF GRAVITY SANITARY SEWER CONSTRUCTED IN A PUBLIC WELLFIELD PROTECTION AREA SHALL BE FIFTY (50) GALLONS PER INCH PIPE DIAMETER PER MILE PER DAY FOR RESIDENTIAL LAND USE AND TWENTY (20) GALLONS PER INCH PIPE DIAMETER PER MILE PER DAY FOR NON-RESIDENTIAL LAND USE.

5) FORCE MAIN SEWERS CONSTRUCTED IN A PUBLIC WELLFIELD PROTECTION AREA SHALL BE EITHER DUCTILE IRON OR [illegible] [illegible]

6) THE CONTRACTOR SHALL VERIFY NATURE, DEPTH, AND CHARACTER OF EXISTING UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.

7) ALL OTHER PUBLIC OR PRIVATE UTILITY FACILITIES SHALL BE CONSTRUCTED AT LEAST 5 FEET FROM ANY SEWER MAIN AS MEASURED FROM THE OUTSIDE WALL OF THE UTILITY PIPES.

8) [illegible]

9) [illegible]

10) A NON-RESETTABLE ELAPSE TIME METER SHALL BE INSTALLED AT EACH PUMP TO RECORD THE OPERATING HOURS OF THE STATION.

REVISIONS	
DATE	DESCRIPTION

Milian, Swain & Associates, Inc.
2025 S.W. 32nd AVENUE, MIAMI, FLORIDA 33145
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CIVIL & ENVIRONMENTAL ENGINEERS • UTILITY MANAGEMENT • FINANCIAL CONSULTANTS
CERTIFICATE OF AUTHORIZATION NO. 5460

GENERAL NOTES AND SPECIFICATIONS

APPROVED BY: [signature] 4/6/09
ARMANDO MILIAN, P.E. 12134 DATE

FOR: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY: O.M.
DRAWN BY: R.R.
CHECKED BY: J.C.J.
8-12-08
SCALE: AS NOTED
PROJ. No. A14-01
SHEET G-2

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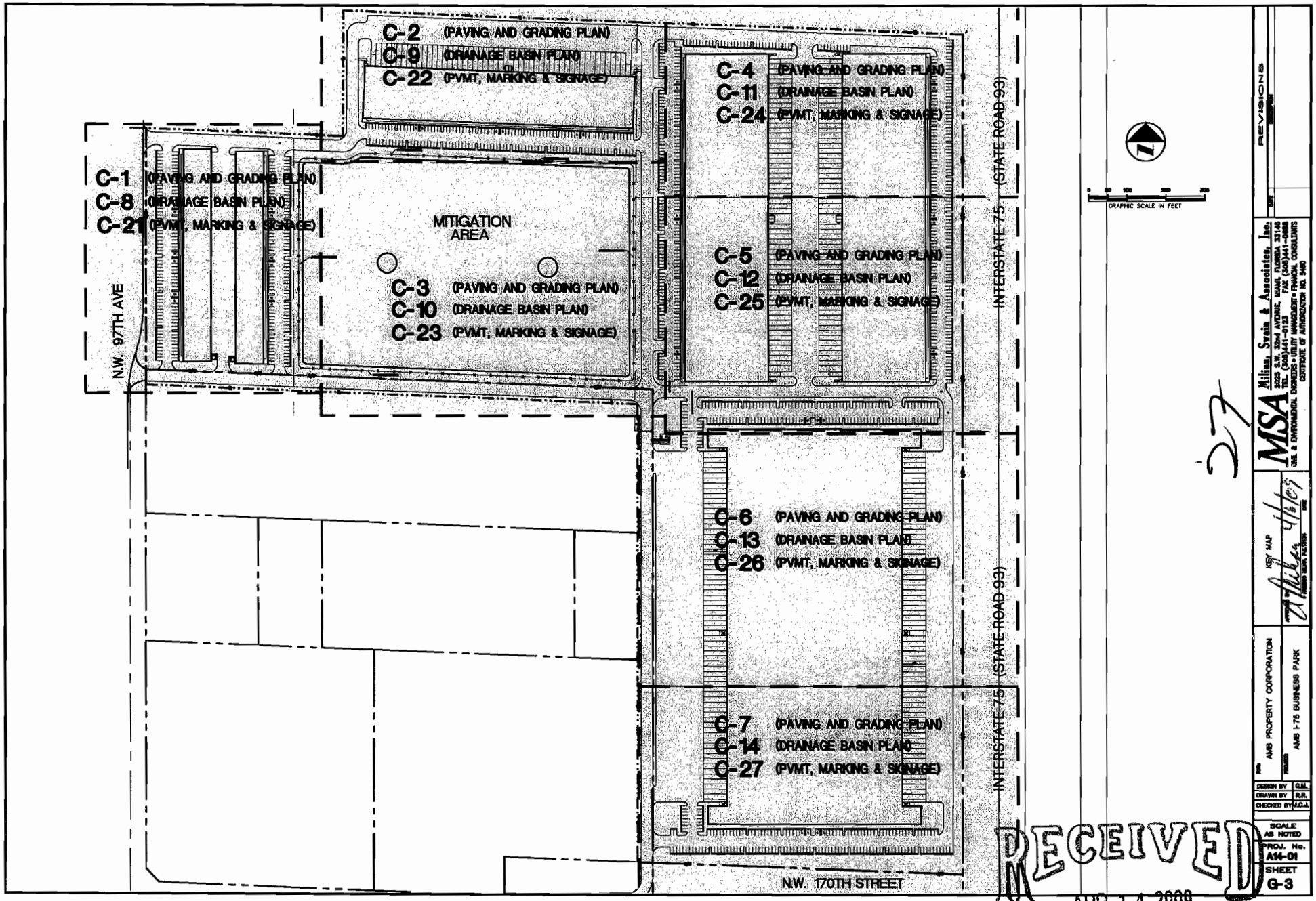

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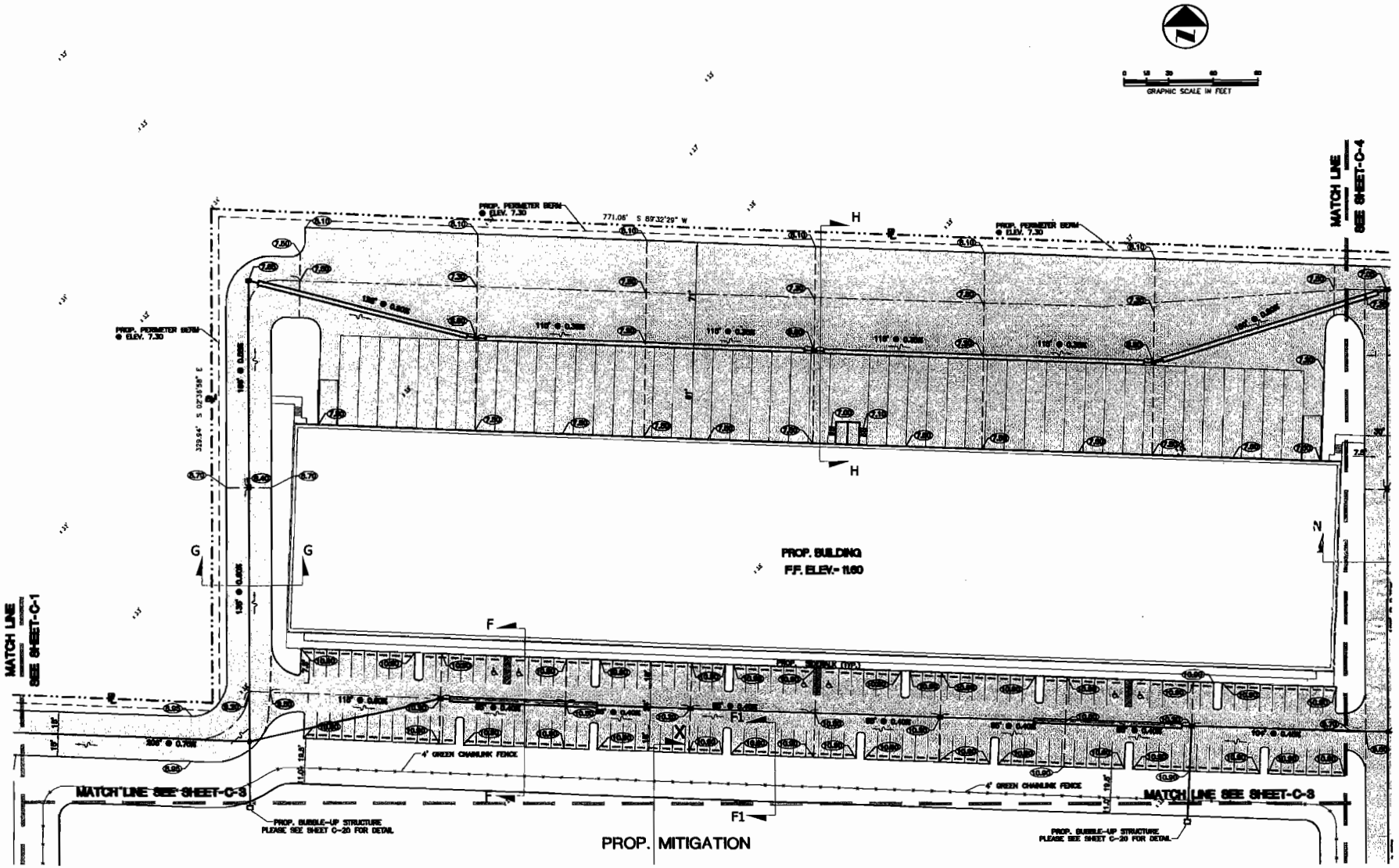
SHEET C-1	AMB PROPERTY CORPORATION	PAVING AND GRADING PLAN	Milian, Swain & Associates, Inc.	REVISIONS
PROJ. No. A14-01	AMB I-75 BUSINESS PARK		3225 S.W. 32nd AVENUE, MIAMI, FLORIDA 33146 TEL. (305)441-0123 FAX (305)441-0888	DATE / DESCRIPTION
SCALE AS NOTED			CIVIL & ENVIRONMENTAL ENGINEERS • UTILITY MANAGEMENT • FINANCIAL CONSULTANTS CERTIFICATE OF AUTHORIZATION NO. 5468	



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CERTIFICATE OF AUTHORIZATION NO. 6460

PAVING AND GRADING PLAN

AMB PROPERTY CORPORATION

AMB I-75 BUSINESS PARK

DESIGN BY	G.M.
DRAWN BY	S.R.
CHECKED BY	L.C.J.
SCALE	AS NOTED
PROJ. No.	A1M-01
SHEET	C-2

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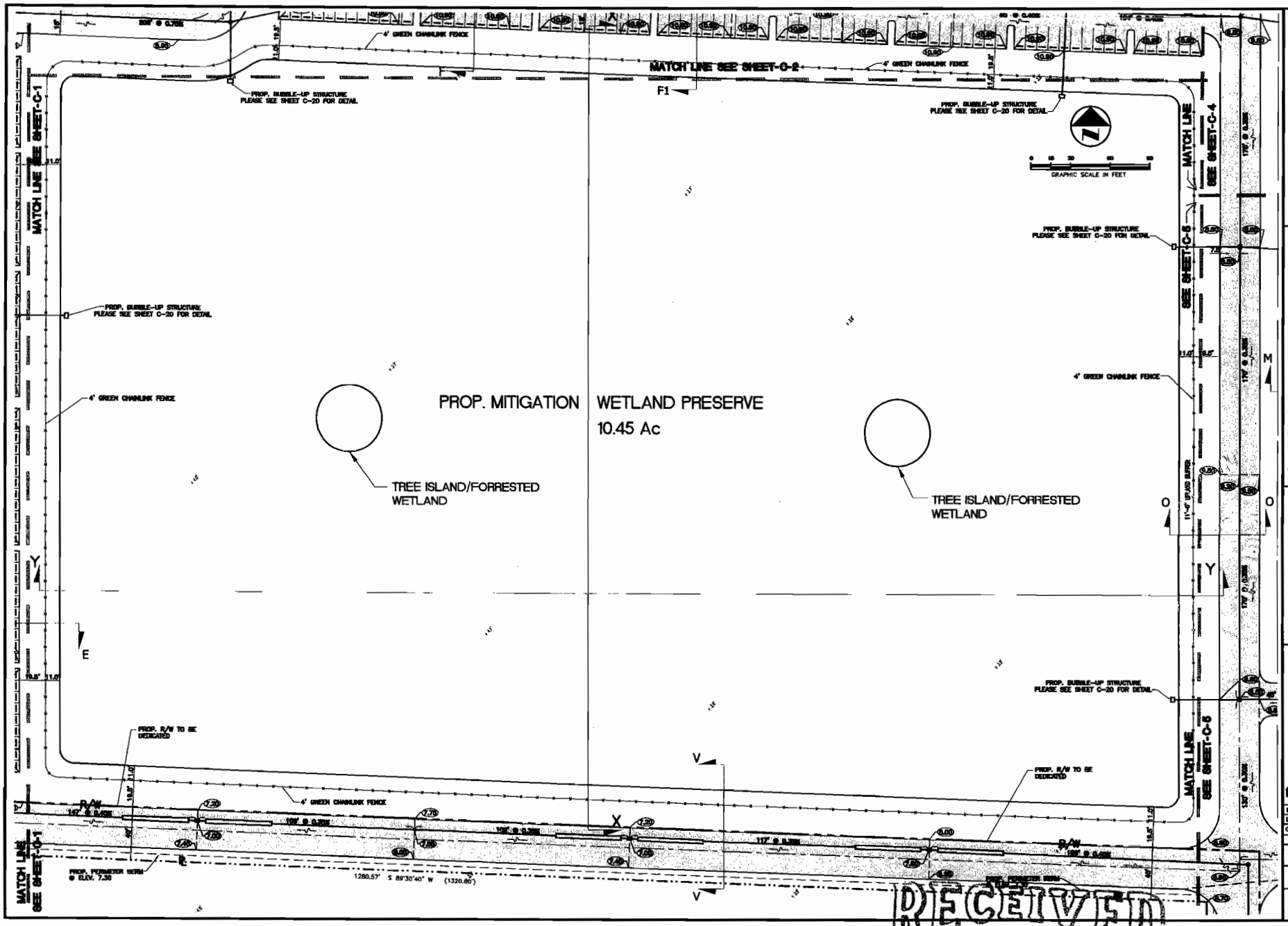
30



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CERTIFICATE OF AUTHORIZATION NO. 5460

PAVING AND GRADING PLAN

AMB PROPERTY CORPORATION

AMB I-75 BUSINESS PARK

DESIGN BY	G.M.
DRAWN BY	R.R.
CHECKED BY	J.C.J.

SCALE AS NOTED

PROJ. No. A14-01

SHEET C-3

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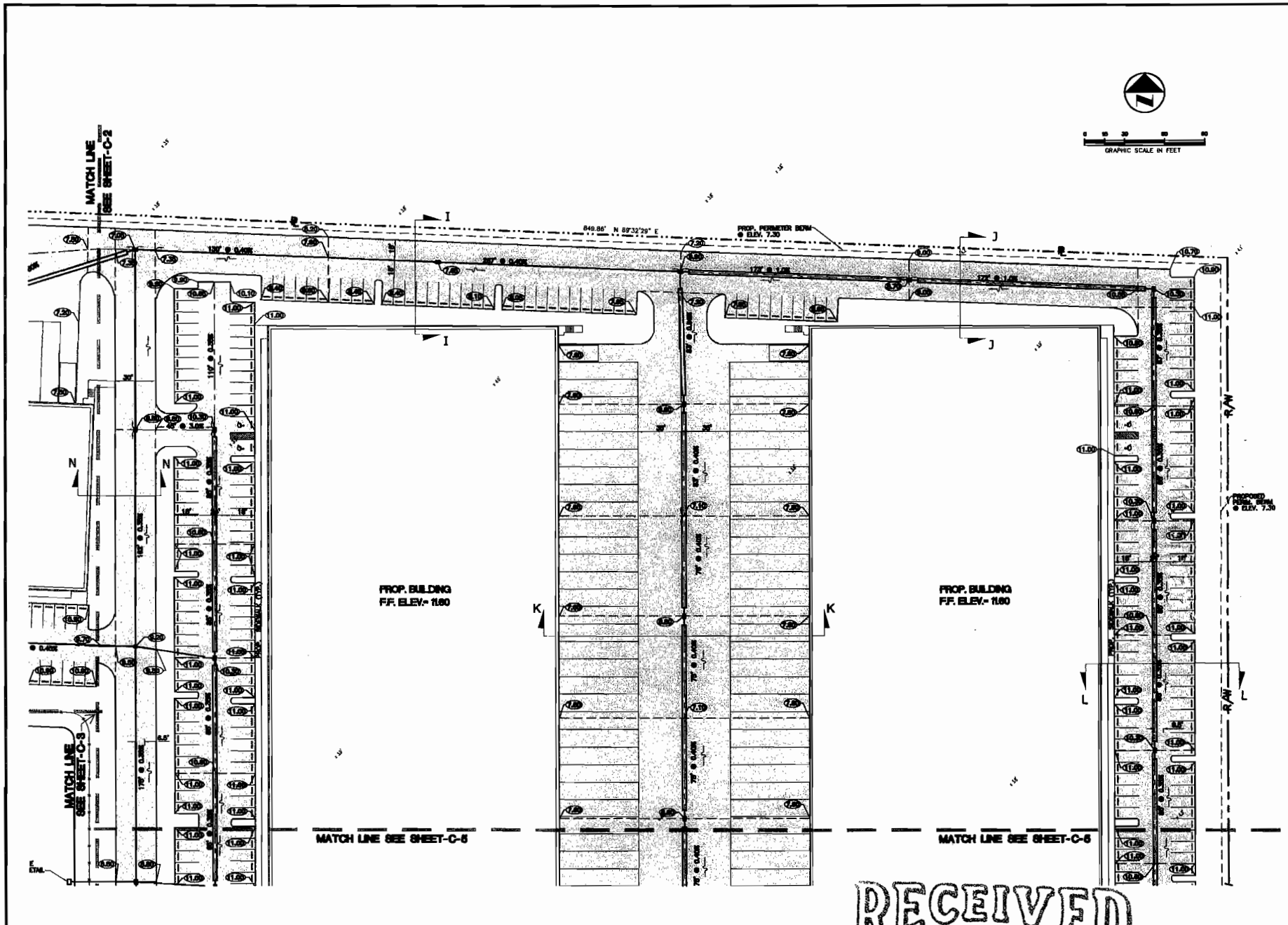

REVISIONS

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CERTIFICATE OF AUTHORIZATION NO. 5480

PAVING AND GRADING PLAN

FOR: AMB PROPERTY CORPORATION

PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY	G.M.
DRAWN BY	R.R.
CHECKED BY	J.C.J.

SCALE AS NOTED

PROJ. No. A14-01

SHEET C-4

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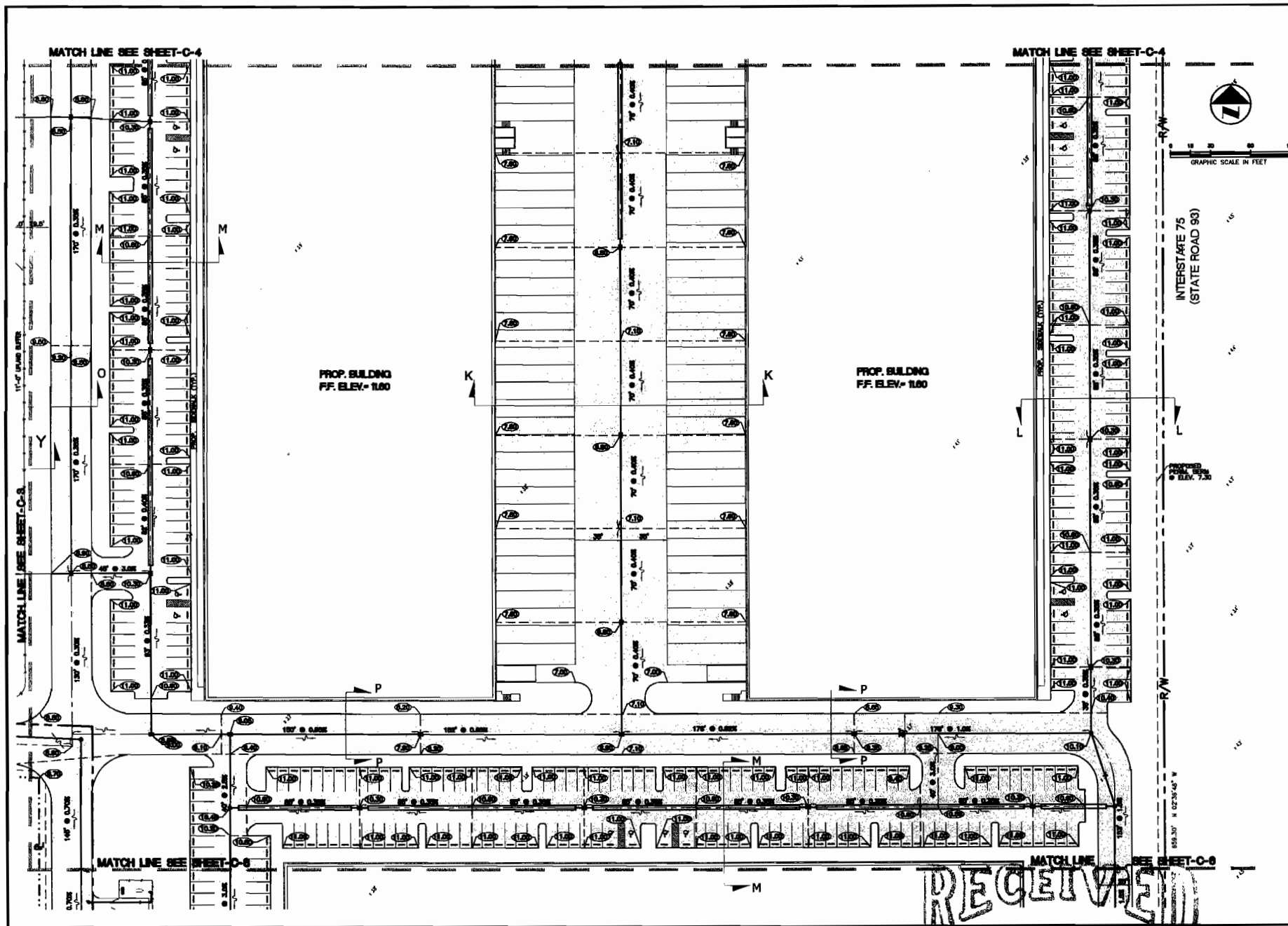

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CERTIFICATE OF AUTHORIZATION NO. 5460

PAVING AND GRADING PLAN

4/6/09

FOR: AMB PROPERTY CORPORATION

PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY G.M.
DRAWN BY R.R.
CHECKED BY J.C.J.

SCALE AS NOTED

PROJ. No. A14-01

SHEET C-5

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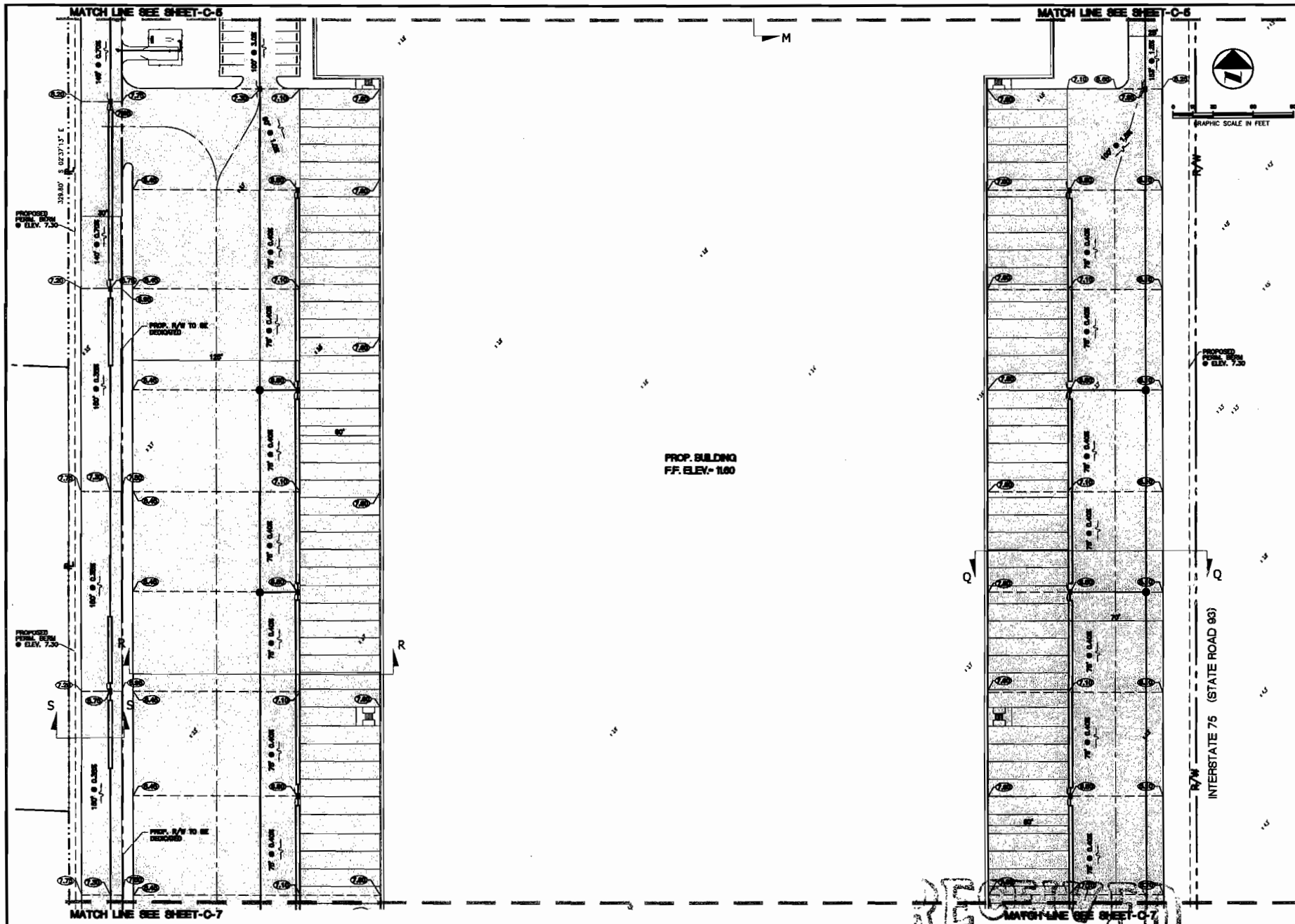

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CERTIFICATE OF AUTHORIZATION NO. 5480

PAVING AND GRADING PLAN

FOR: AMB PROPERTY CORPORATION

PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY	G.M.
DRAWN BY	R.R.
CHECKED BY	J.C.J.

SCALE AS NOTED

PROJ. No. A14-01

SHEET C-6

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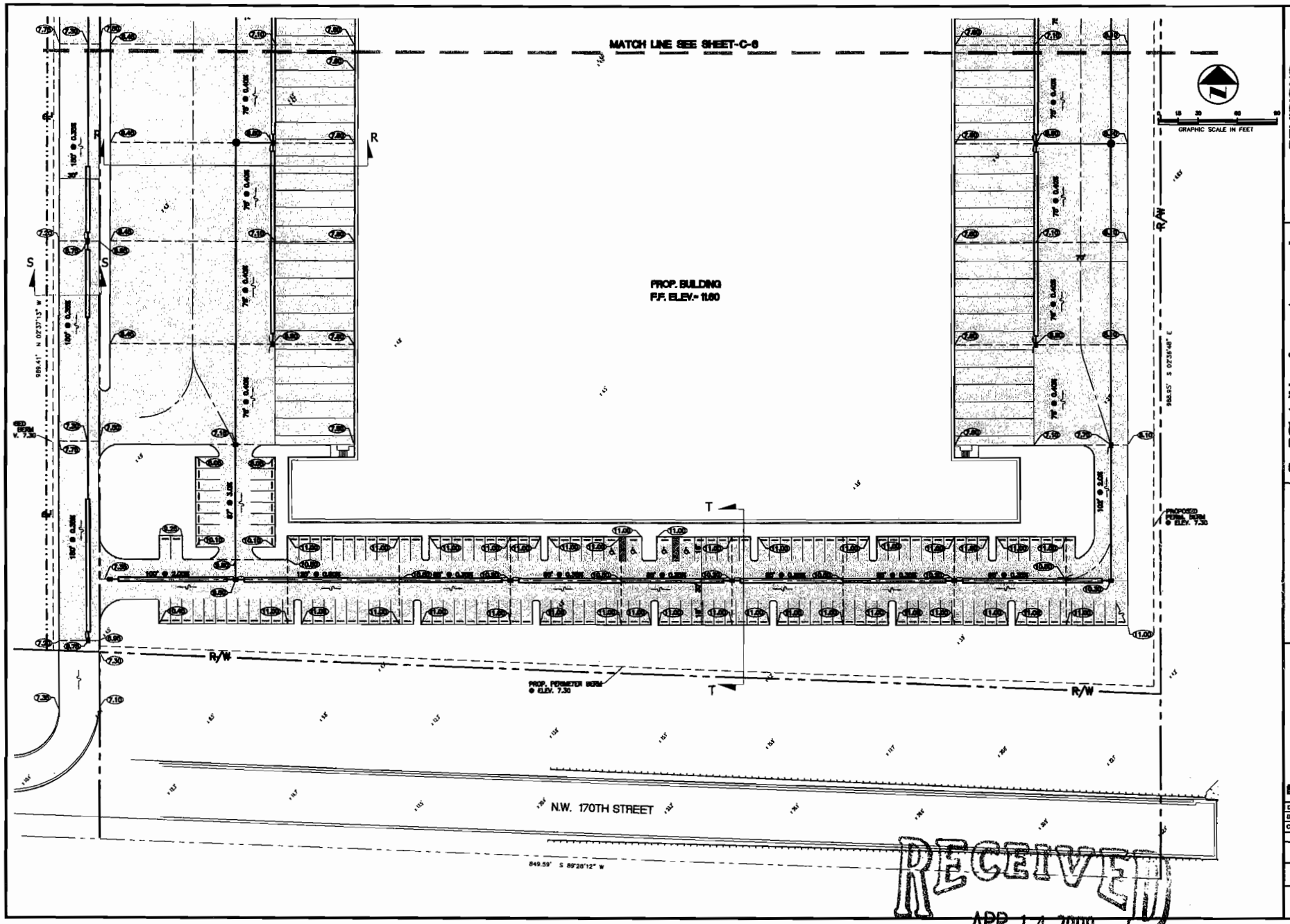

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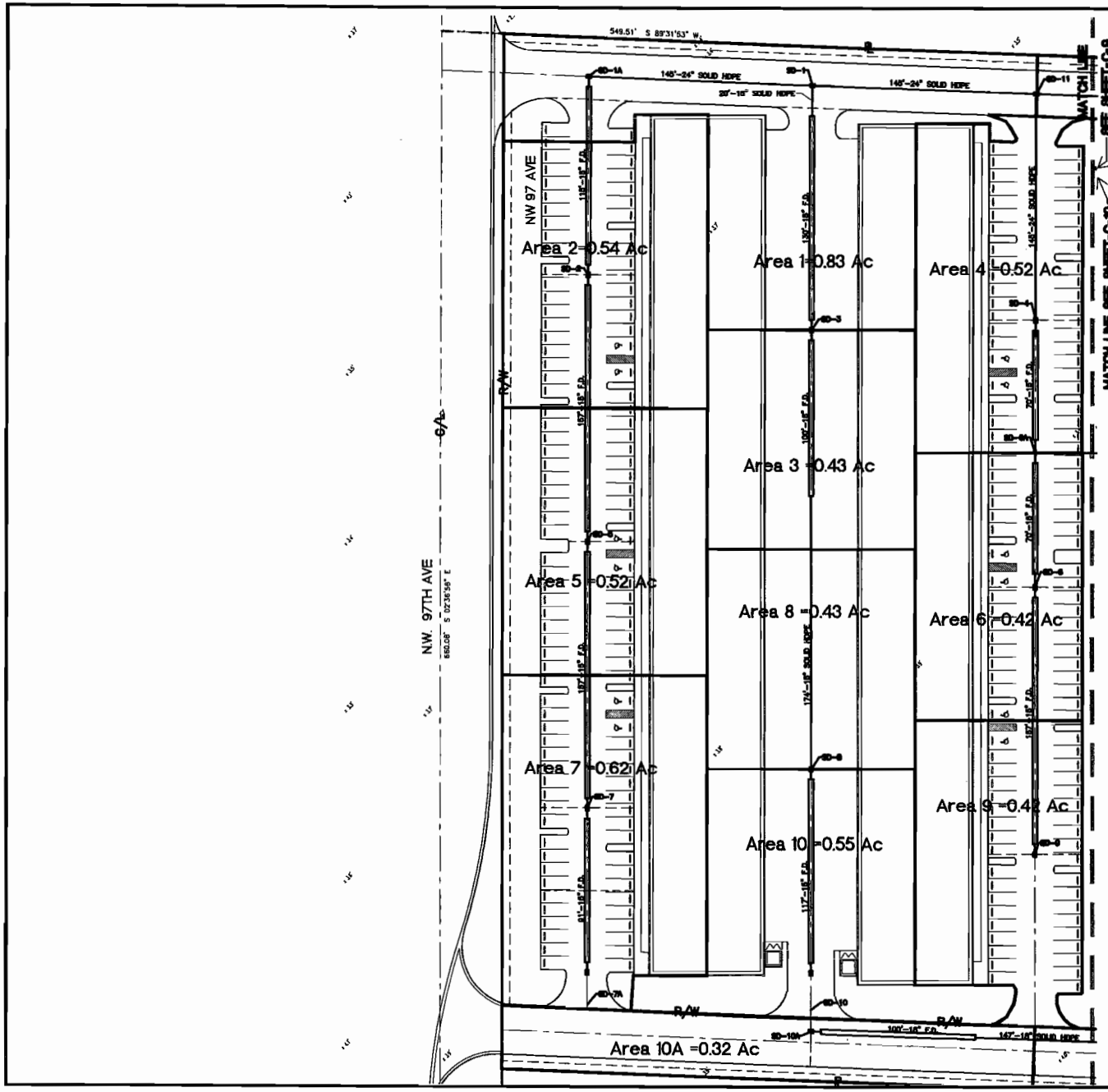
CERTIFICATE OF AUTHORIZATION NO. 5440

PAVING AND GRADING PLAN

OWNER: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY G.M.
DRAWN BY E.R.
CHECKED BY J.C.J.

SCALE AS NOTED
PROJ. No. A1M-01
SHEET C-7



GRAPHIC SCALE IN FEET

	DRAINAGE TABLE		
BASIN	STRUCTURE	CONTRIBUTING AREA (AC)	EXFILTRATION TRENCH (LF)
BASIN 1	SD-1, SD-1A	0.83	166
BASIN 2	SD-2	0.54	157
BASIN 3	SD-3	0.43	100
BASIN 4	SD-4	0.52	70
BASIN 5	SD-5	0.52	157
BASIN 6	SD-6, SD-6A	0.42	149
BASIN 7	SD-7 SD-7A	0.62	170
BASIN 8	SD-8	0.43	0
BASIN 9	SD-9	0.42	79
BASIN 10	SD-10	0.55	117
BASIN 10A	SD-10A	0.32	100

TOTAL OF EXFILTRATION TRENCH
INCLUDE THE R/W= 7695 LF

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CERTIFICATE OF AUTHORIZATION NO. 5465

DRAINAGE BASIN PLAN

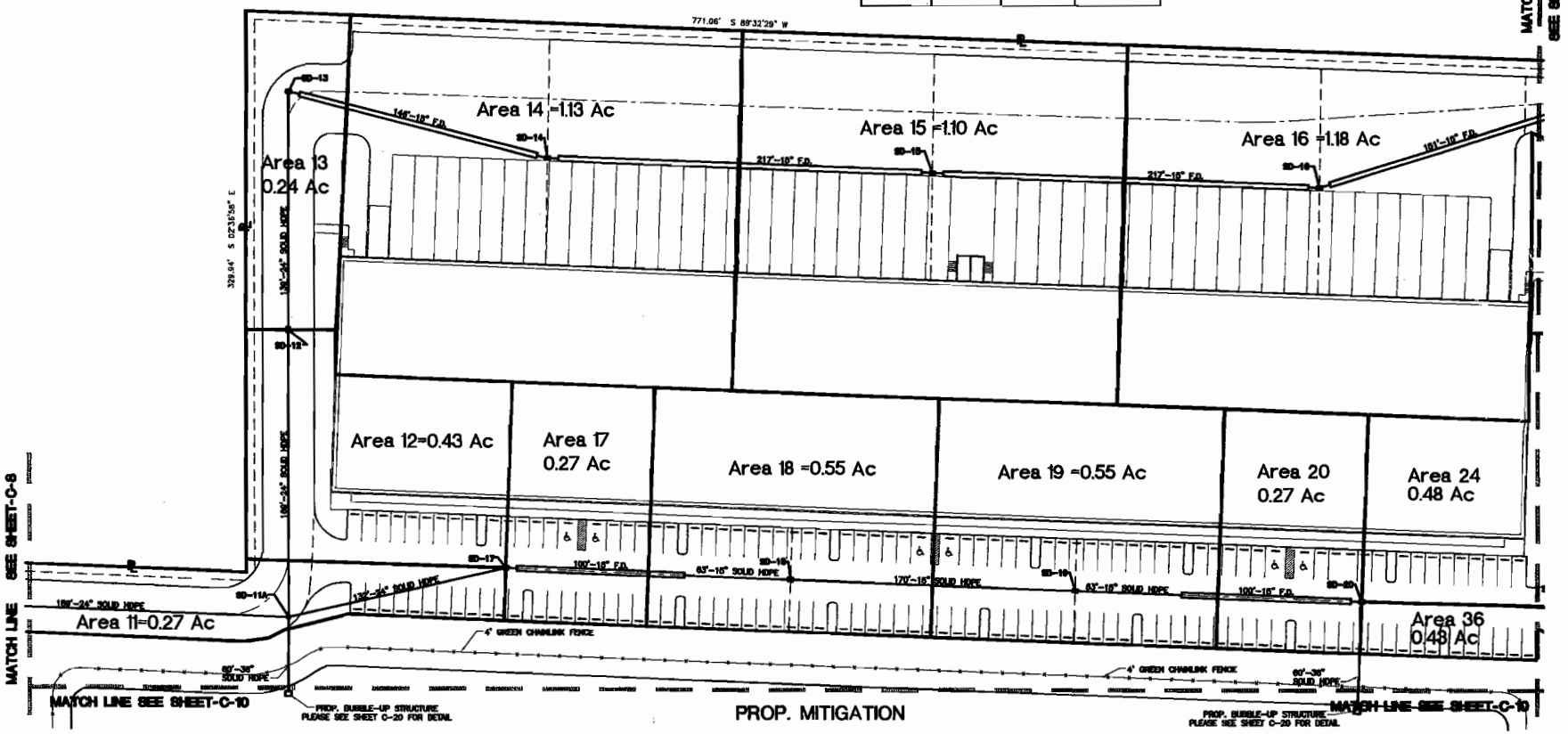
FOR: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY: G.M.
DRAWN BY: R.R.
CHECKED BY: A.C.J.

SCALE AS NOTED
PROJ. No. A14-01
SHEET C-8

DRAINAGE TABLE			
BASIN	STRUCTURE	CONTRIBUTING AREA (AC)	EXFILTRATION TRENCH (LF)
BASIN 11	SD-11 SD-11A	0.27	0
BASIN 12	SD-12	0.43	0
BASIN 13	SD-13	0.24	30
BASIN 14	SD-14	1.13	227
BASIN 15	SD-15	1.10	217
BASIN 16	SD-16	1.18	250
BASIN 17	SD-17	0.27	78
BASIN 18	SD-18,	0.55	22
BASIN 19	SD-19	0.55	22
BASIN 20	SD-20	0.27	78
BASIN 24	SD-24	0.48	0

TOTAL OF EXFILTRATION TRENCH
INCLUDE THE R/W= 7595 LF



GRAPHIC SCALE IN FEET

REVISIONS

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CERTIFICATE OF AUTHORIZATION NO. 5400

DRAINAGE BASIN PLAN

PRO. AMB PROPERTY CORPORATION
PROJECT AMB I-75 BUSINESS PARK

DESIGN BY G.M.
DRAWN BY R.R.
CHECKED BY G.C.J.

SCALE AS NOTED
PROJ. No. A14-01
SHEET C-9

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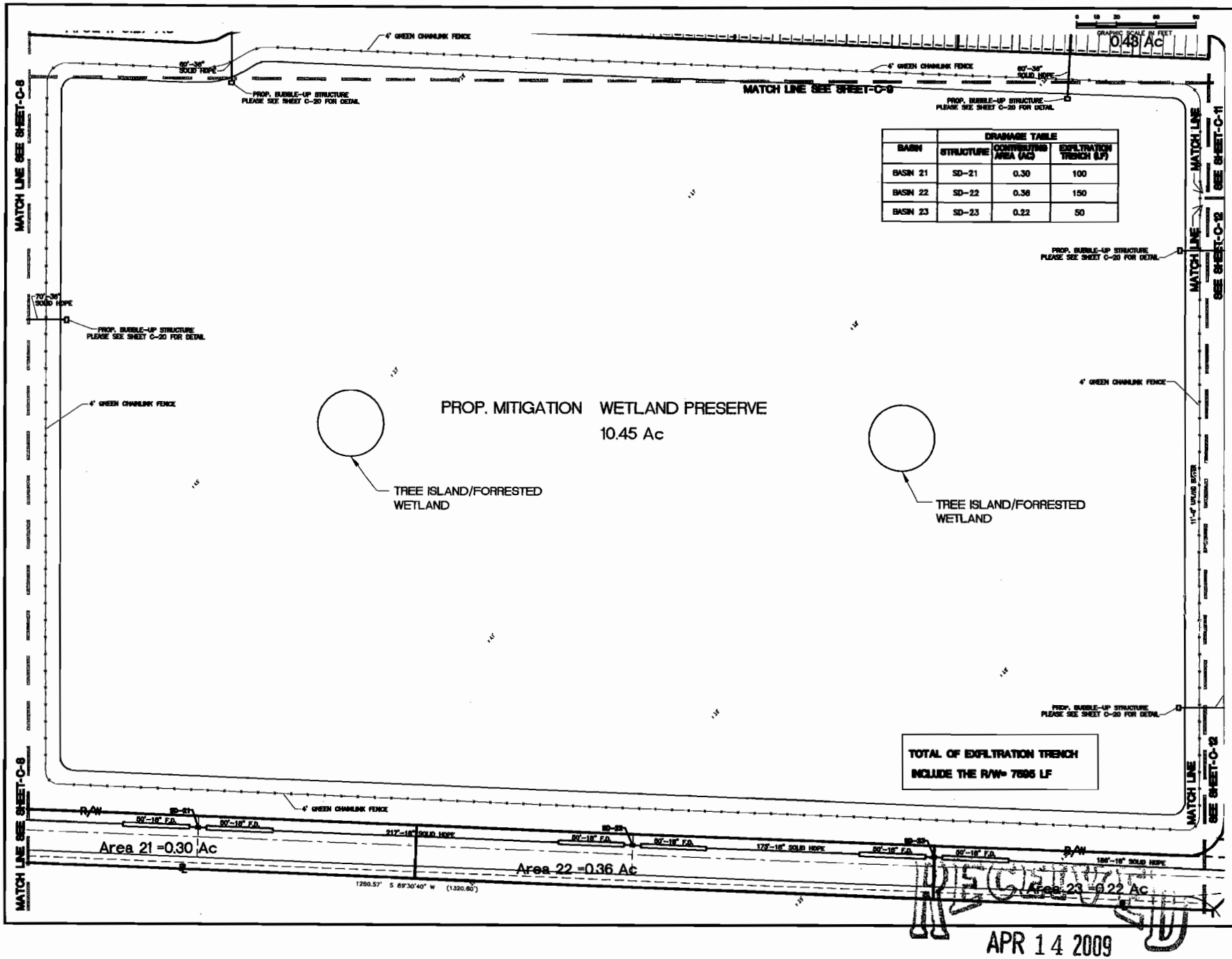

DRAINAGE TABLE			
BASIN	STRUCTURE	CONTRIBUTING AREA (AC)	EXFILTRATION TRENCH (LF)
BASIN 21	SD-21	0.30	100
BASIN 22	SD-22	0.36	150
BASIN 23	SD-23	0.22	50

REVISIONS

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CERTIFICATE OF AUTHORIZATION NO. 5440

DRAINAGE BASIN PLAN

FOR AMB PROPERTY CORPORATION

PROJECT AMB I-75 BUSINESS PARK

DESIGN BY	G.M.
DRAWN BY	R.R.
CHECKED BY	J.C.J.
SCALE	AS NOTED
PROJ. No.	A14-01
SHEET	C-10

APR 14 2009

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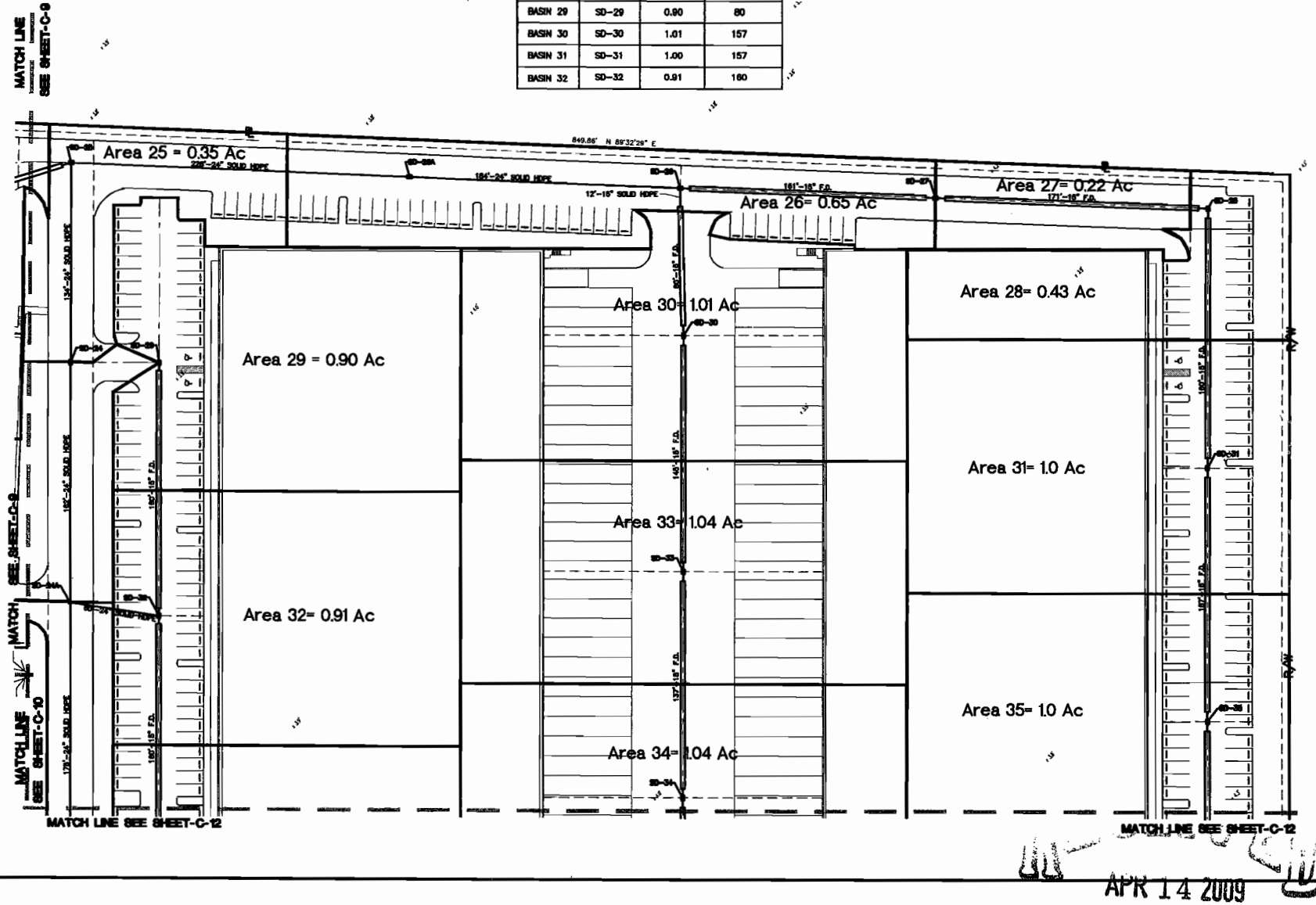
TOTAL OF EXFILTRATION TRENCH
INCLUDE THE R/W= 7696 LF

BASIN	DRAINAGE TABLE		
	STRUCTURE	CONTRIBUTING AREA (AC)	EXFILTRATION TRENCH (LF)
BASIN 25	SD-25	0.35	10
BASIN 26	SD-26	0.65	161
BASIN 27	SD-27	0.22	165
BASIN 28	SD-28	0.43	87
BASIN 29	SD-29	0.90	80
BASIN 30	SD-30	1.01	157
BASIN 31	SD-31	1.00	157
BASIN 32	SD-32	0.91	160

BASIN	DRAINAGE TABLE		
	STRUCTURE	CONTRIBUTING AREA (AC)	EXFILTRATION TRENCH (LF)
BASIN 33	SD-33	1.04	137
BASIN 34	SD-34	1.04	137
BASIN 35	SD-35	1.00	157

GRAPHIC SCALE IN FEET



REVISIONS

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2025 S.W. 32nd AVENUE, MIAMI, FLORIDA 33145
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CERTIFICATE OF AUTHORIZATION NO. 5480

DRAINAGE BASIN PLAN

FOR: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY G.B.
DRAWN BY R.R.
CHECKED BY J.C.J.

SCALE AS NOTED
PROJ. No. A14-01
SHEET C-11

APR 14 2009

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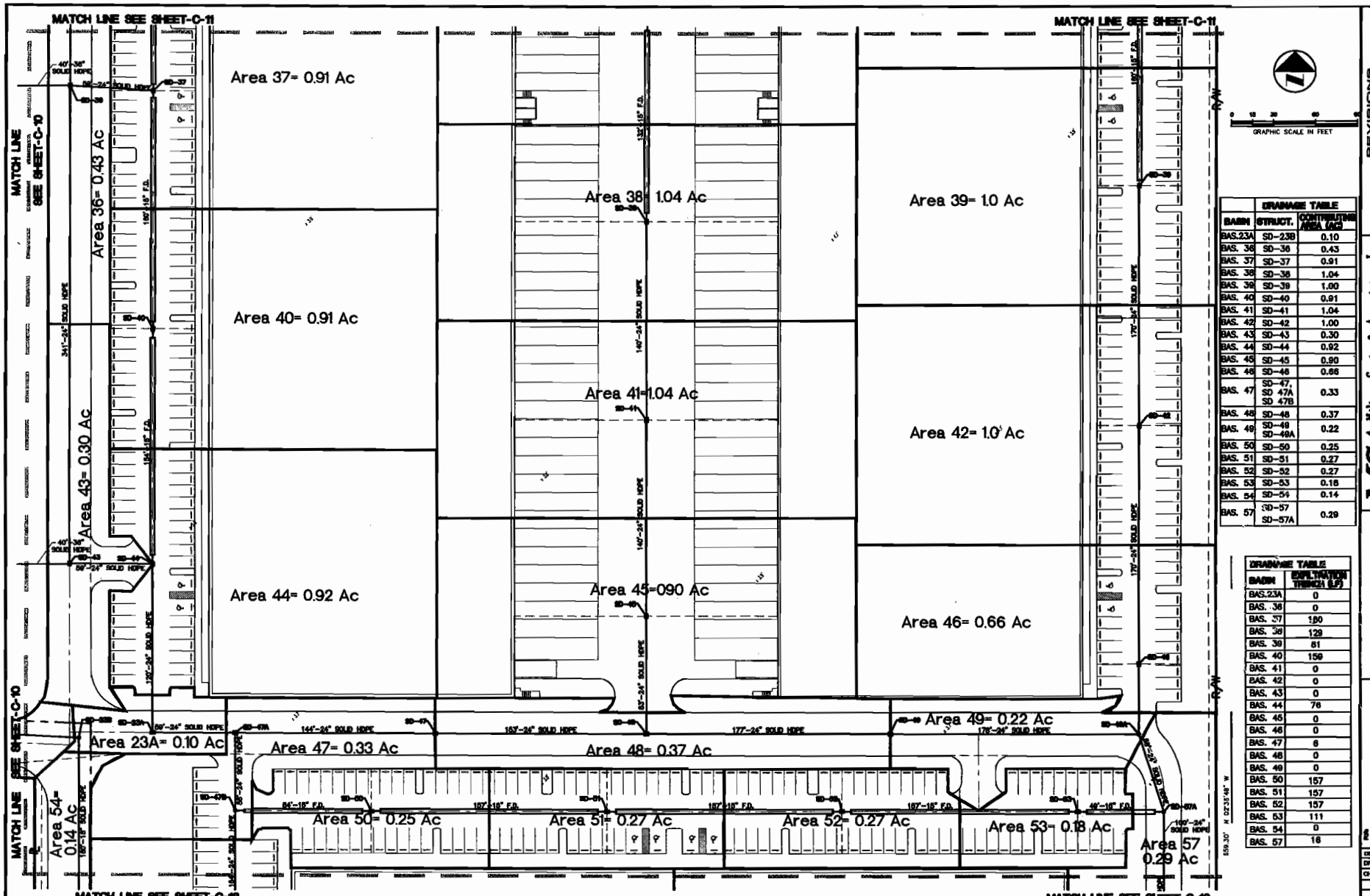
Environmental Resources Regulation Division



DRAINAGE TABLE		
BASIN	STRUCT.	CONTRIBUTING AREA (AC)
BAS.23A	SD-23B	0.10
BAS. 36	SD-36	0.43
BAS. 37	SD-37	0.91
BAS. 38	SD-38	1.04
BAS. 39	SD-39	1.00
BAS. 40	SD-40	0.91
BAS. 41	SD-41	1.04
BAS. 42	SD-42	1.00
BAS. 43	SD-43	0.30
BAS. 44	SD-44	0.92
BAS. 45	SD-45	0.90
BAS. 46	SD-46	0.66
BAS. 47	SD-47, SD 47A SD 47B	0.33
BAS. 48	SD-48	0.37
BAS. 49	SD-49 SD-49A	0.22
BAS. 50	SD-50	0.25
BAS. 51	SD-51	0.27
BAS. 52	SD-52	0.27
BAS. 53	SD-53	0.18
BAS. 54	SD-54	0.14
BAS. 57	SD-57 SD-57A	0.29

DRAINAGE TABLE	
BASIN	EXFILTRATION TRENCH (L.F.)
BAS.23A	0
BAS. 36	0
BAS. 37	180
BAS. 38	129
BAS. 39	81
BAS. 40	159
BAS. 41	0
BAS. 42	0
BAS. 43	0
BAS. 44	76
BAS. 45	0
BAS. 46	0
BAS. 47	6
BAS. 48	0
BAS. 49	0
BAS. 50	157
BAS. 51	157
BAS. 52	157
BAS. 53	111
BAS. 54	0
BAS. 57	16

TOTAL OF EXFILTRATION TRENCH
INCLUDE THE R/W= 7596 LF

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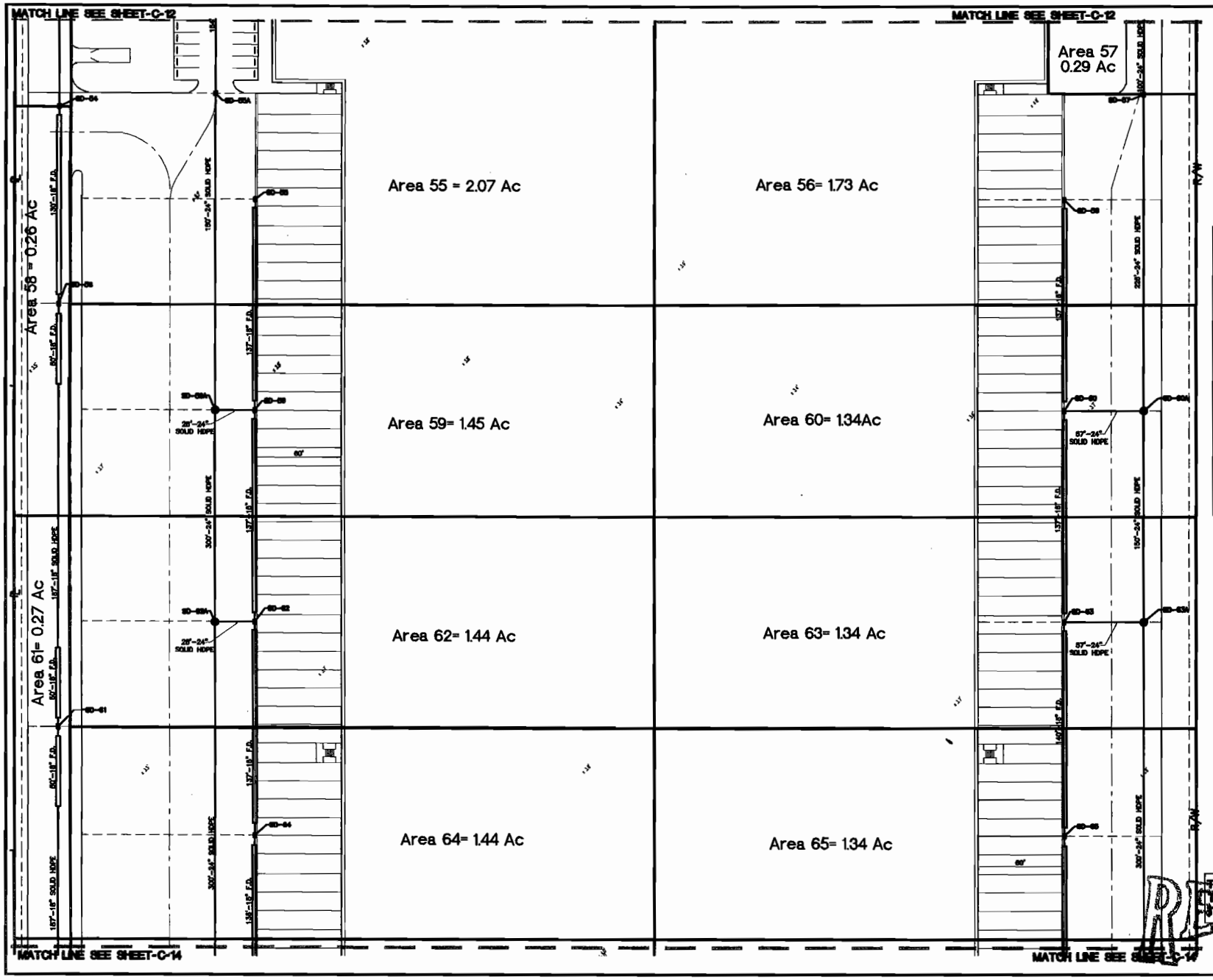
CERTIFICATE OF AUTHORIZATION NO. 5460

DRAINAGE BASIN PLAN
AMB PROPERTY CORPORATION
AMB I-75 BUSINESS PARK

DESIGN BY G.M.
DRAWN BY R.R.
CHECKED BY L.C.J.
SCALE AS NOTED
PROJ. No. A14-01
SHEET C-12



DRAINAGE TABLE		
BASIN	STRUCT.	CONTRIBUTING AREA (AC)
BAS. 55	SD-55, SD 55A,	2.07
BAS. 56	SD-56	1.73
BAS. 57	SD-57, SD-57A	0.29
BAS. 58	SD-58	0.26
BAS. 59	SD-59 SD-59A	1.45
BAS. 60	SD-60 SD-60A	1.34
BAS. 61	SD-61	0.27
BAS. 62	SD-62, SD-62A	1.44
BAS. 63	SD-63 SD-63A	1.34
BAS. 64	SD-64	1.44
BAS. 65	SD-65	1.34

DRAINAGE TABLE	
STRUCTURE	EXFILTRATION TRENCH (LF)
BAS. 55	62
BAS. 56	69
BAS. 57	0
BAS. 58	180
BAS. 59	130
BAS. 60	137
BAS. 61	100
BAS. 62	130
BAS. 63	138
BAS. 64	129
BAS. 65	137

TOTAL OF EXFILTRATION TRENCH INCLUDE THE R/W= 7395 LF

REVISIONS

MSA Milian, Swain & Associates, Inc.
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CERTIFICATE OF AUTHORIZATION NO. 5480

DRAINAGE BASIN PLAN

FOR: AMB PROPERTY CORPORATION

PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY G.B.
DRAWN BY R.R.
CHECKED BY J.C.J.

SCALE AS NOTED

PROJ. NO. A14-01

SHEET C-13

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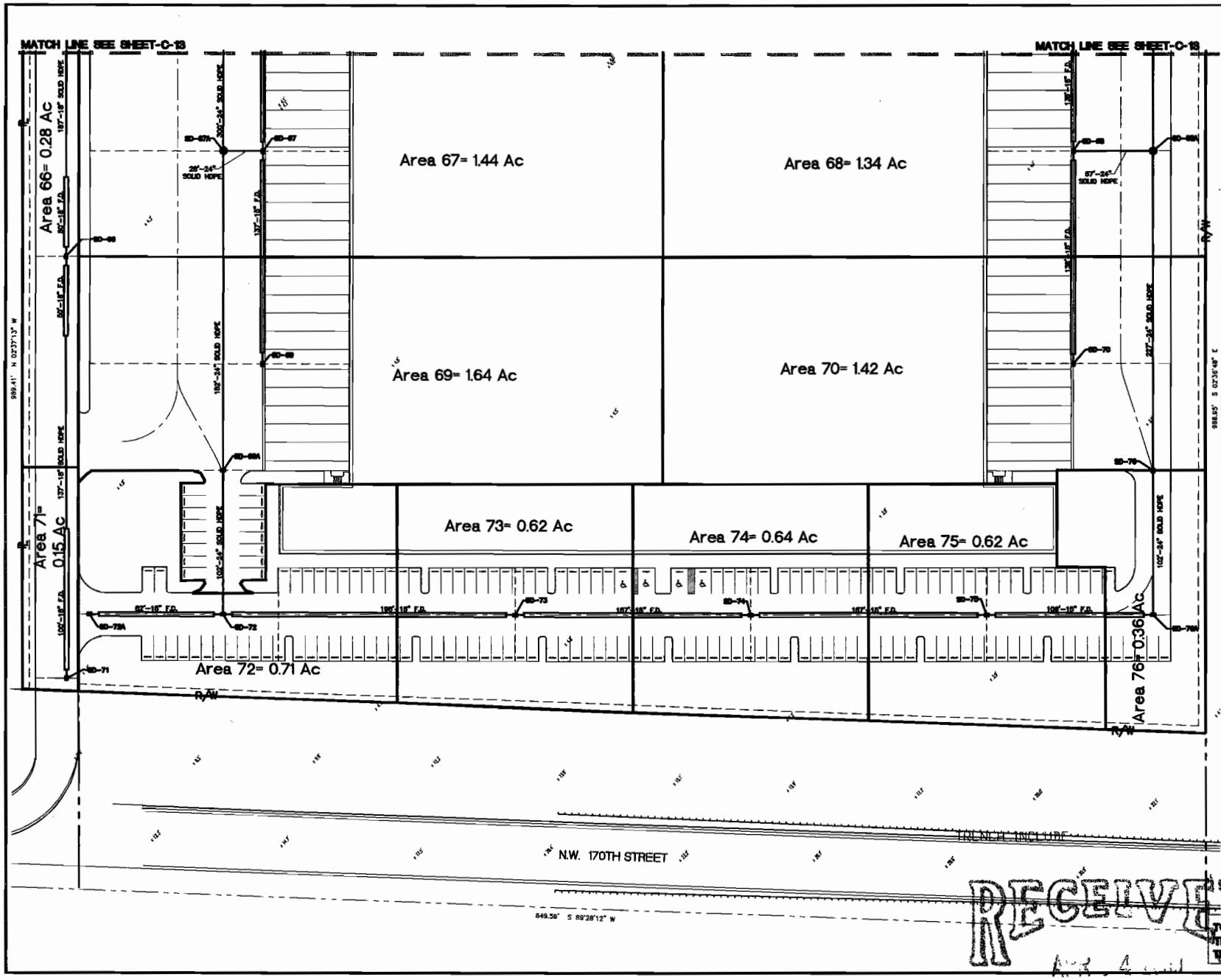

DRAINAGE TABLE		
BASIN	STRUCT.	CONTRIBUTING AREA (AC)
BAS. 66	SD-66	0.28
BAS. 67	SD-67	1.44
BAS. 68	SD-68, SD-68A	1.34
BAS. 69	SD-69, SD-69A	1.64
BAS. 70	SD-70, SD-76	1.42
BAS. 71	SD-71,	0.15
BAS. 72	SD-72, SD-72A	0.71
BAS. 73	SD-73	0.62
BAS. 74	SD-74	0.64
BAS. 75	SD-75	0.62
BAS. 76	SD-76A	0.36

DRAINAGE TABLE	
STRUCTURE	EXFILTRATION TRENCH (LF)
BAS. 66	100
BAS. 67	130
BAS. 68	131
BAS. 69	62
BAS. 70	70
BAS. 71	100
BAS. 72	200
BAS. 73	157
BAS. 74	157
BAS. 75	157
BAS. 76	28

TOTAL OF EXFILTRATION TRENCH INCLUDE THE RUN= 7595 LF

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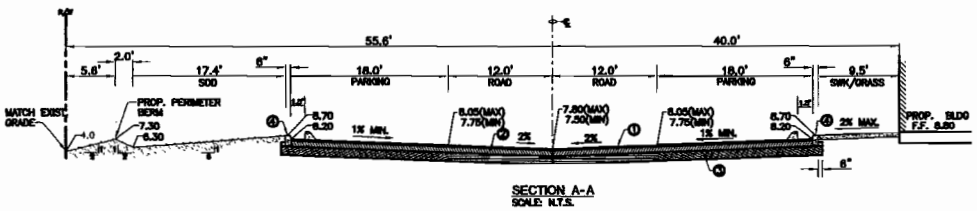
CERTIFICATE OF AUTHORIZATION NO. 5440

DRAINAGE BASIN PLAN

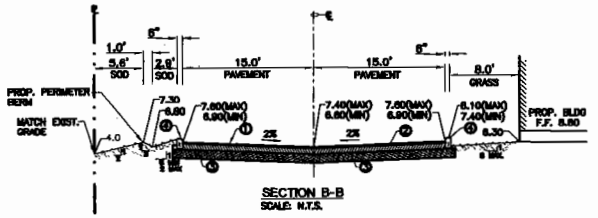
FOR: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY: G.M.
DRAWN BY: R.R.
CHECKED BY: J.C.J.

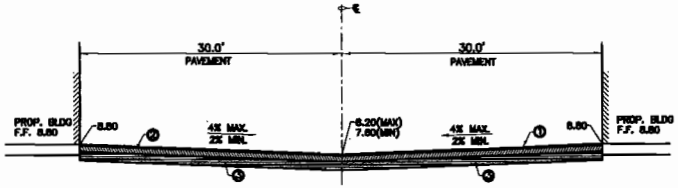
SCALE: AS NOTED
PROJ. No. A14-01
SHEET C-14



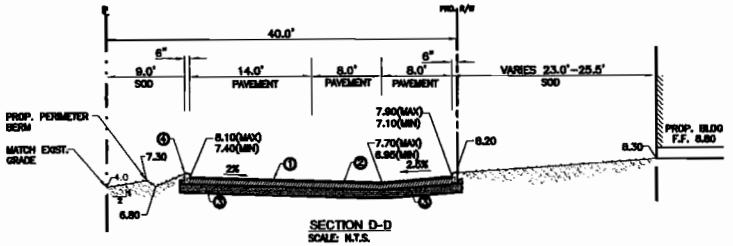
SECTION A-A
SCALE: N.T.S.



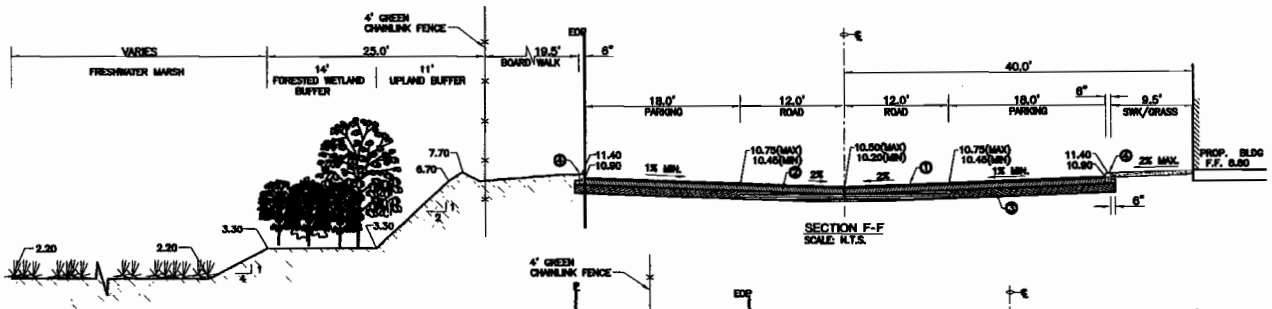
SECTION B-B
SCALE: N.T.S.



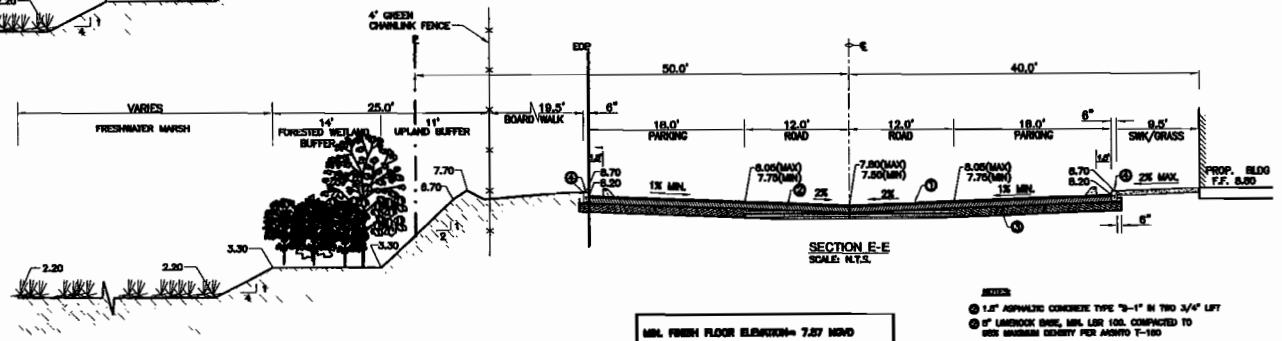
SECTION C-C
SCALE: N.T.S.



SECTION D-D
SCALE: N.T.S.



SECTION F-F
SCALE: N.T.S.



SECTION E-E
SCALE: N.T.S.

MIN. FINISH FLOOR ELEVATION= 7.87 NGVD
MIN. PROP. FINISH FLOOR ELEVATION= 8.80 NGVD

NOTES:
1. 1.5" ASPHALTIC CONCRETE TYPE "S-1" IN TWO 3/4" LIFT
2. 9" LIMEROCK BASE, MIN. LBR 100, COMPACTED TO
   98% MAXIMUM DENSITY PER AASHTO T-180
3. 12" COMPACTED SUBGRADE, MIN. LBR 40, COMPACTED TO 98%
   MAXIMUM DENSITY AASHTO T-180

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No.	Description	Date

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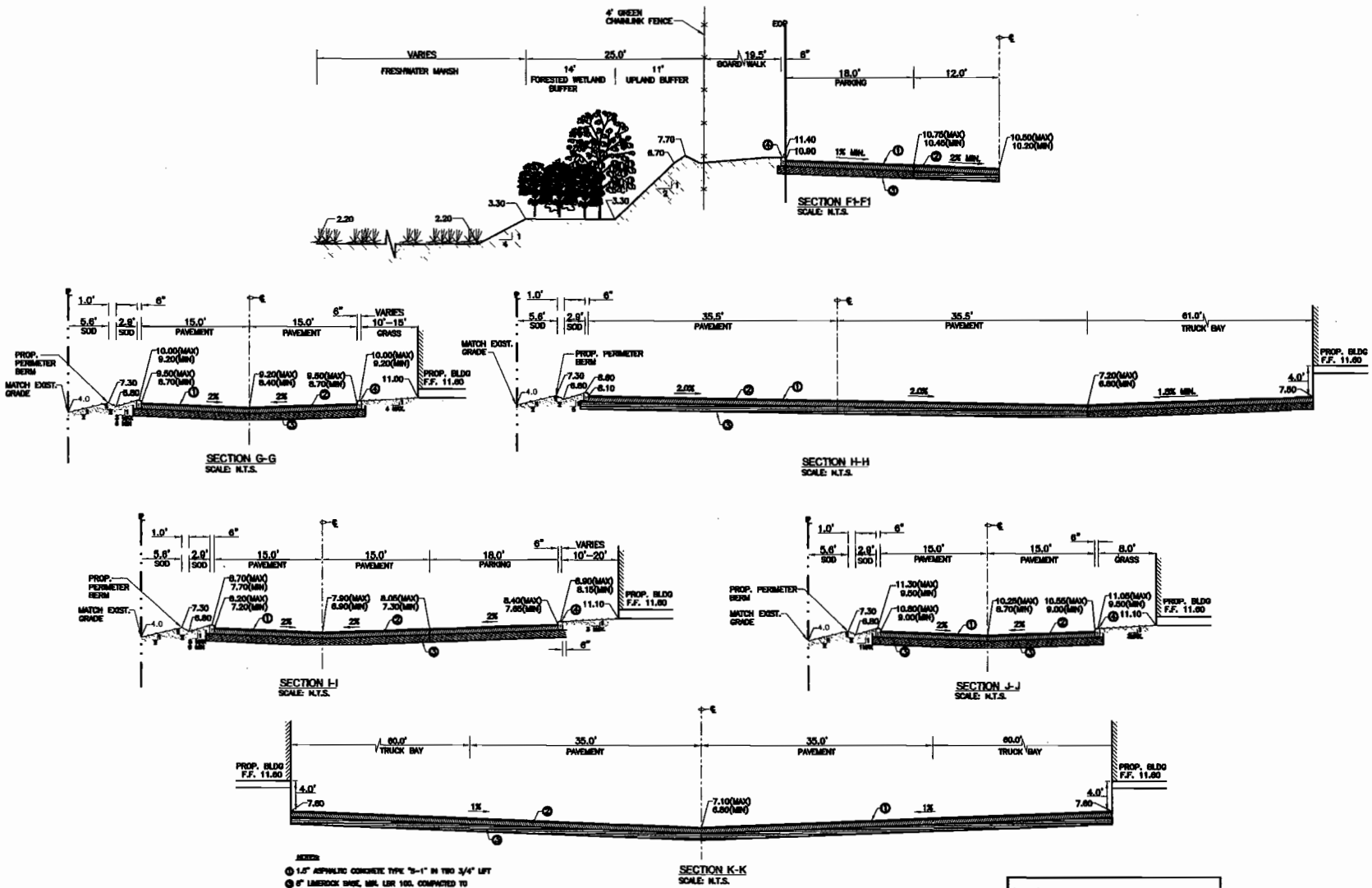
CERTIFICATE OF AUTHORIZATION NO. 5460

TYPICAL SECTION

4/6/09

File: AMB PROPERTY CORPORATION
Project: AMB I-75 BUSINESS PARK

DESIGN BY	G.M.
DRAWN BY	R.R.
CHECKED BY	L.C.J.
SCALE	AS NOTED
PROJ. No.	A14-01
SHEET	C-15



NOTES:

1. 1.5" ASPHALTIC CONCRETE TYPE "S-1" IN TWO 3/4" LIFT
2. 8" LIMEROCK BASE, MIN. LBR 100, COMPACTED TO 98% MAXIMUM DENSITY PER AASHTO T-180
3. 12" COMPACTED SUBGRADE, MIN. LBR 40, COMPACTED TO 98% MAXIMUM DENSITY PER AASHTO T-180 RESIDENTIAL DRIVEWAYS AND SIDEWALKS PER MDCPW R12.3 AND R13.1
4. TYPE "D" CURB

MIN. FINISH FLOOR ELEVATION= 7.87 NGVD
MIN. PROP. FINISH FLOOR ELEVATION= 6.80 NGVD

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CERTIFICATE OF AUTHORIZATION NO. 5460

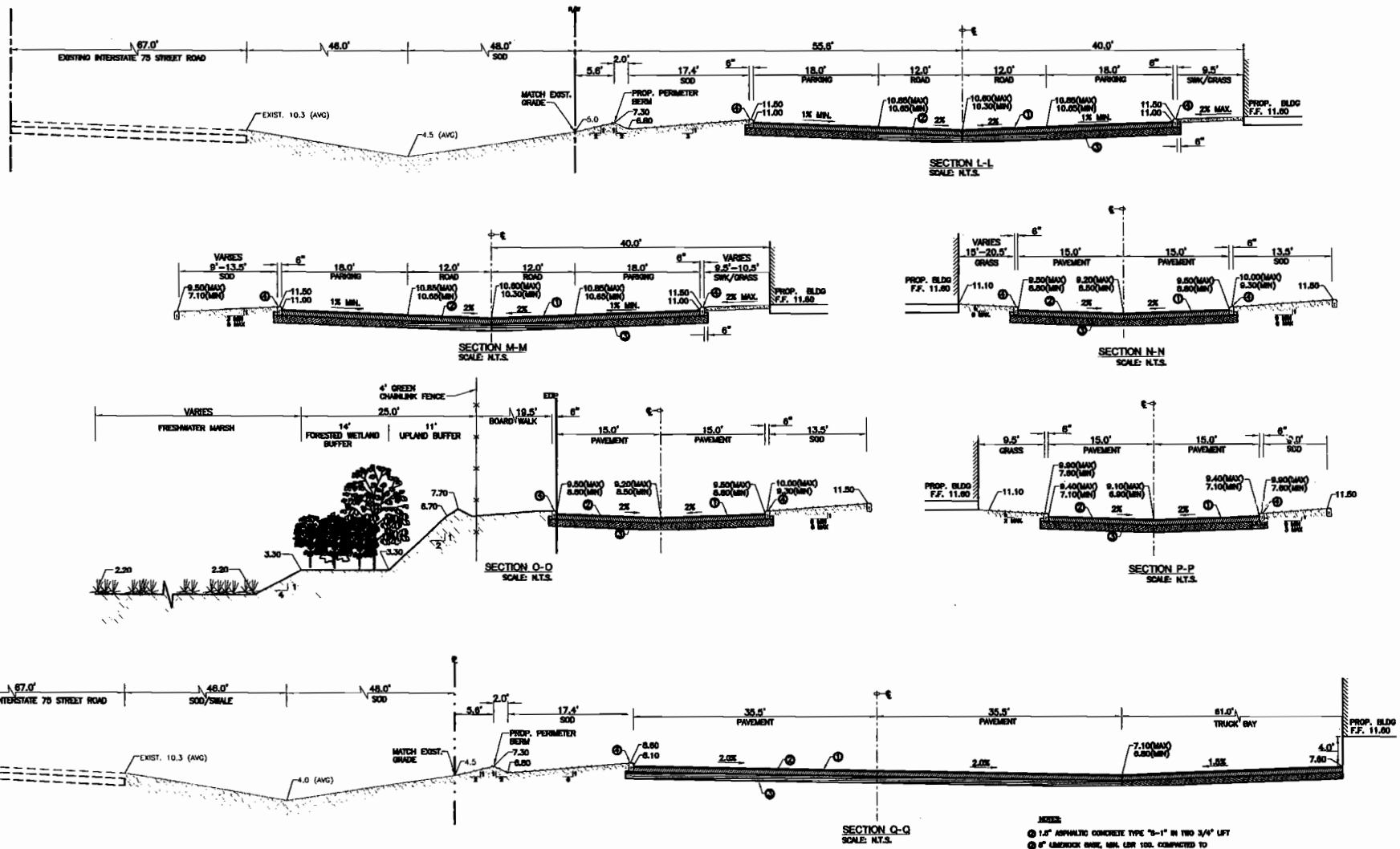
TYPICAL SECTION

FOR: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY G.B.
DRAWN BY B.B.
CHECKED BY J.C.J.

SCALE AS NOTED
PROJ. No. A14-01
SHEET C-18

44



MIN. FINISH FLOOR ELEVATION= 7.87 NGVD
MIN. PROP. FINISH FLOOR ELEVATION= 8.80 NGVD

NOTES:

1. 1.5" ASPHALTIC CONCRETE TYPE "S-1" IN TWO 3/4" LIFT
2. 6" LIMEROCK BASE, MIN. LBR 100, COMPACTED TO 98% MAXIMUM DENSITY PER AASHTO T-180
3. 12" COMPACTED SUBGRADE, MIN. LBR 40, COMPACTED TO 98% MAXIMUM DENSITY PER AASHTO T-180
RESIDENTIAL DRIVEWAYS AND BIKEWALKS PER MDCPW R12.3 AND R13.1
4. TYPE "D" CURB

REVISIONS

DATE | DESCRIPTION

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CERTIFICATE OF AUTHORIZATION NO. 5460

TYPICAL SECTION

4/16/09

FOR: AMB PROPERTY CORPORATION

PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY	G.M.
DRAWN BY	R.R.
CHECKED BY	J.C.J.

SCALE AS NOTED

PROJ. No. A14-01

SHEET C-17

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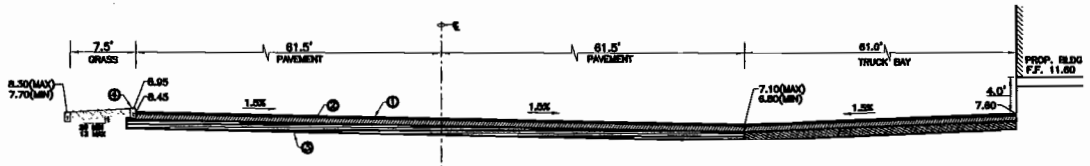
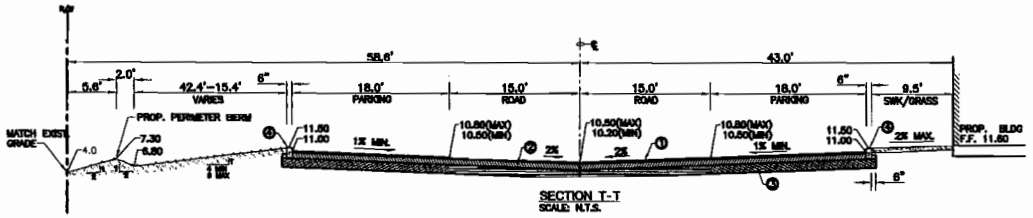
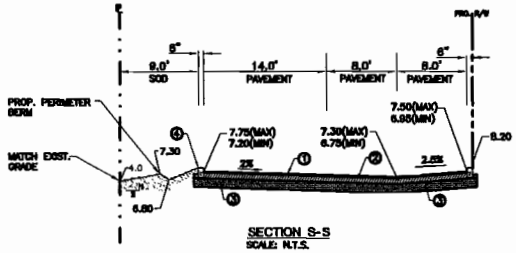


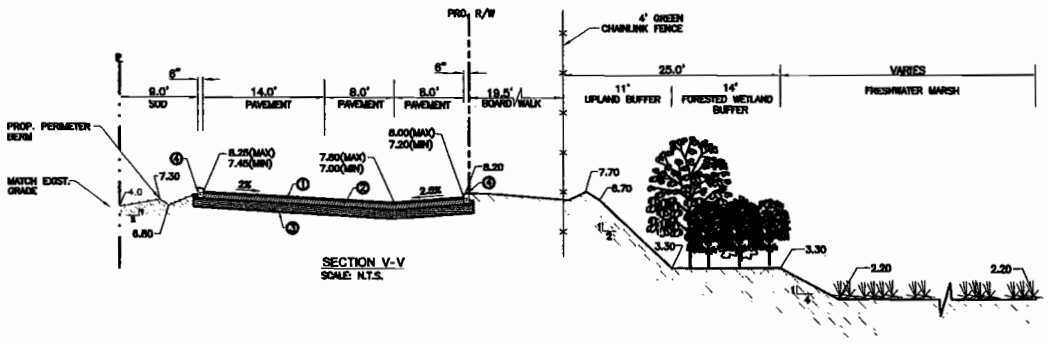
SECTION R-R
SCALE: N.T.S.



SECTION T-T
SCALE: N.T.S.



SECTION S-S
SCALE: N.T.S.



SECTION V-V
SCALE: N.T.S.

MIN. FINISH FLOOR ELEVATION= 7.57 NGVD
MIN. PROP. FINISH FLOOR ELEVATION= 8.60 NGVD

NOTES:
1. 1.5" ASPHALTIC CONCRETE TYPE "S-1" IN TWO 3/4" LIFT
2. 8" LIMEROCK BASE, MIN. LBR 100, COMPACTED TO 98% MAXIMUM DENSITY PER AASHTO T-180
3. 12" COMPACTED SUBGRADE, MIN. LBR 40, COMPACTED TO 95% MAXIMUM DENSITY PER AASHTO T-180
   RESIDENTIAL DRIVEWAYS AND SIDEWALKS PER MDCPW R12.3 AND R13.1
4. TYPE "D" CURB

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REVISIONS

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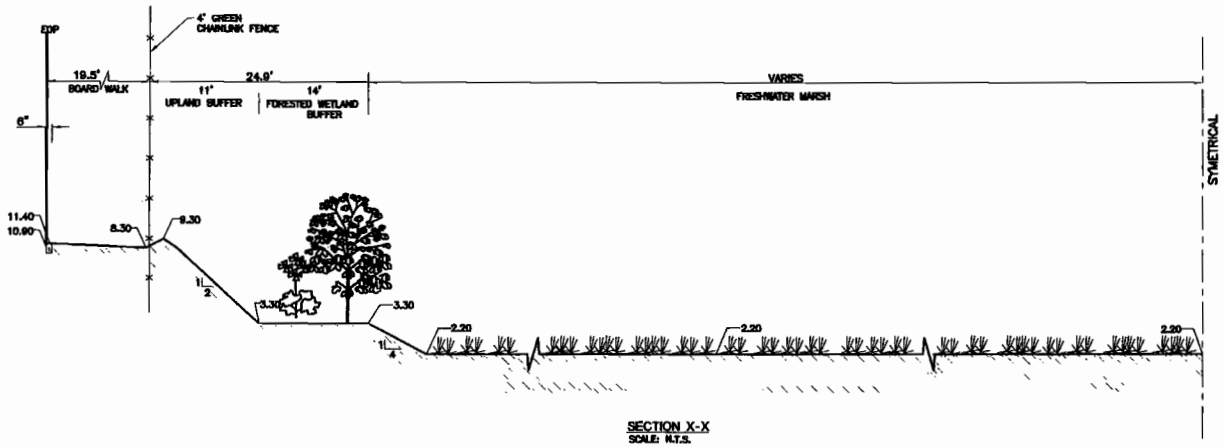
CERTIFICATE OF AUTHORIZATION NO. 5468

TYPICAL SECTION

FOR: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

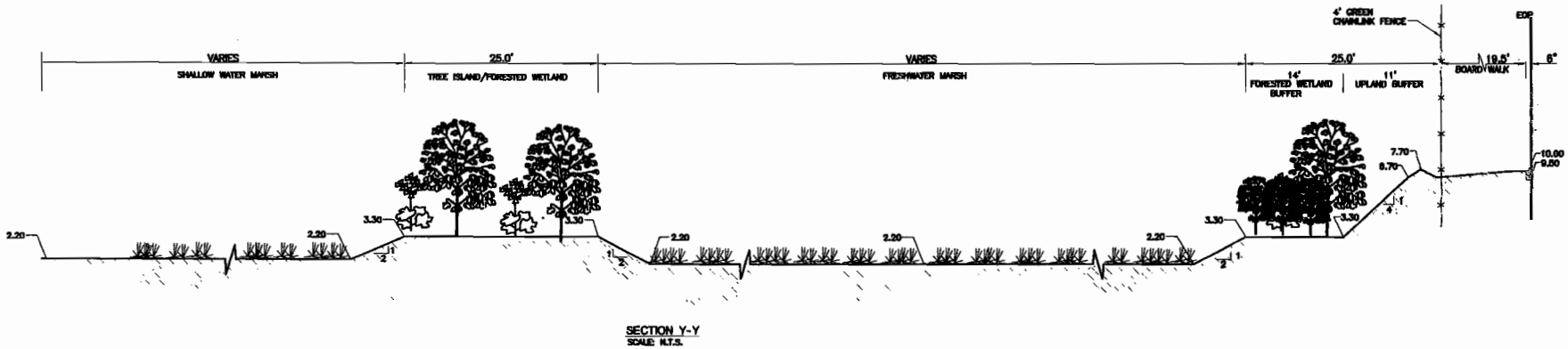
DESIGN BY	G.M.
DRAWN BY	R.R.
CHECKED BY	J.E.J.

SCALE: AS NOTED
PROJ. No.: A14-01
SHEET: C-18



SECTION X-X
SCALE: N.T.S.

NOTES:
- TOTAL ACREAGE: 11.16 Ac
- UPLAND BUFFER AREA (FROM OUTER EDGE OF CONSERVATION EASEMENT TO OCTOBER WATER TABLE) : 0.71 Ac
- FORESTED BUFFER: 0.07 Ac
- FRESHWATER MARSH: 0.40 Ac
- TREE ISLAND HABITAT ACREAGE: 0.03Ac
- OCTOBER WATER LEVEL: EL. 3.30
  MAY WATER LEVEL: EL. 2.70
- MINIMUM 2' LOCAL MUCK IN ALL WETLAND AREAS



SECTION Y-Y
SCALE: N.T.S.

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CERTIFICATE OF AUTHORIZATION NO. 3460

TYPICAL SECTION

FOR: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY	G.M.
DRAWN BY	R.S.
CHECKED BY	J.C.J.

SCALE: AS NOTED
PROJ. No.: A14-01
SHEET: 18A

DRAINAGE STRUCTURE SCHEDULE

NO.	TYPE & INSIDE DIMENSION	GRATE/RIM ELEVATION	PIPE INVERT ELEVATION								BOTTOM OF TRENCH ELEV.	PRB	REMARKS
			N	S	E	W	NE	SE	NW	SW			
SD-01	CATCH BASIN 72" ø	8.60	–	3.30	3.00	2.60	–	–	–	–	(–)6.40	S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-01A	CATCH BASIN 60" ø	7.40	–	3.75	2.60	–	–	–	–	–	(–)7.60	S	PRECAST PER U.S. PRECASTS–18.2
SD-02	CATCH BASIN 42" ø	7.60	3.75	3.75	–	–	–	–	–	–	(–)7.60	S,N	PRECAST PER U.S. PRECASTS–18.2
SD-03	CATCH BASIN 42" ø	7.60	3.75	3.75	–	–	–	–	–	–	(–)7.40	S,N	PRECAST PER U.S. PRECASTS–18.2
SD-04	CATCH BASIN 42" ø	7.60	3.60	3.75	–	–	–	–	–	–	(–)7.60	S	PRECAST PER U.S. PRECAST 3–18.2
SD-05	CATCH BASIN 42" ø	7.60	3.75	3.75	–	–	–	–	–	–	(–)7.60	N,S	PRECAST PER U.S. PRECAST 3–18.2
SD-06	CATCH BASIN 42" ø	7.60	3.75	3.75	–	–	–	–	–	–	(–)7.60	N,S	PRECAST PER U.S. PRECAST 3–18.2
SD-06A	MANHOLE 72" ø	7.60	3.75	3.75	2.60	–	–	–	–	–	(–)7.60	S,N	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-07	CATCH BASIN 42" ø	7.60	3.75	3.75	–	–	–	–	–	–	(–)7.60	S,N	PRECAST PER U.S. PRECAST 3–18.2
SD-7A	CATCH BASIN 42" ø	7.60	3.75	–	–	–	–	–	–	–	(–)7.60	N	PRECAST PER U.S. PRECAST 3–18.2
SD-08	CATCH BASIN 42" ø	7.60	3.75	3.75	–	–	–	–	–	–	(–)7.40	S,N	PRECAST PER U.S. PRECAST 3–18.2
SD-09	CATCH BASIN 42" ø	7.60	3.75	–	–	–	–	–	–	–	(–)7.60	N	PRECAST PER U.S. PRECAST 3–18.2
SD-10	CATCH BASIN 42" ø	7.15	3.75	–	–	–	–	–	–	–	(–)7.65	N	PRECAST PER U.S. PRECAST 3–18.2
SD-10A	CATCH BASIN 42" ø	6.85	–	–	3.15	–	–	–	–	–	(–)6.05	E	PRECAST PER U.S. PRECAST 3–18.2
SD-11	CATCH BASIN 72" ø	7.65	–	3.00	2.60	2.60	–	–	–	–	(–)7.35	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-11A	MANHOLE 72" ø	6.30	3.15	2.60	–	2.60	2.60	–	–	–	(–)5.70	S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-12	CATCH BASIN 60" ø	8.40	3.15	3.15	–	–	–	–	–	–	(–)5.60	–	PRECAST PER U.S. PRECAST 3–18.2
SD-13	CATCH BASIN 60" ø	7.65	–	3.15	3.60	–	–	–	–	–	(–)7.35	E	PRECAST PER U.S. PRECAST 3–18.2
SD-14	CATCH BASIN 72" ø	6.60	–	–	3.00	3.60	–	–	–	–	(–)5.20	E,W	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-15	CATCH BASIN 72" ø	6.60	–	–	3.60	3.00	–	–	–	–	(–)5.20	E,W	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-16	CATCH BASIN 72" ø	6.60	–	–	–	3.60	3.60	–	–	–	(–)5.55	E,W	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-17	CATCH BASIN 60" ø	10.20	–	–	6.45	–	–	–	–	2.60	(–)4.60	E	PRECAST PER U.S. PRECAST 3–18.2
SD-18	CATCH BASIN 60" ø	10.20	–	–	6.45	6.45	–	–	–	–	(–)4.60	W	PRECAST PER U.S. PRECAST 3–18.2
SD-19	CATCH BASIN 60" ø	10.20	–	–	6.45	6.45	–	–	–	–	(–)4.60	E	PRECAST PER U.S. PRECAST 3–18.2
SD-20	CATCH BASIN 72" ø	10.30	–	3.60	3.00	6.45	–		–	–	(–)4.60	W,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-21	CATCH BASIN 42" ø	7.00	–	–	3.45	3.15	–	–	–	–	(–)5.00	E,W	PRECAST PER U.S. PRECAST 3–18.2
SD-22	CATCH BASIN 42" ø	7.00	–	–	3.45	3.45	–	–	–	–	(–)5.00	E,W	PRECAST PER U.S. PRECAST 3–18.2
SD-23	CATCH BASIN 42" ø	7.60	–	–	3.45	3.45	–	–	–	–	(–)7.20	E,W	PRECAST PER U.S. PRECAST 3–18.2
SD-23A	CATCH BASIN 60" ø	6.85	2.60	–	2.60	–	–	–	–	–	(–)5.40	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-23B	MANHOLE 72" ø	6.75	–	3.25	–	3.45	–	–	–	–	(–)5.25	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-24	CATCH BASIN 60" ø	6.80	3.00	3.00	–	–	–	–	–	–	(–)5.00	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-24A	MANHOLE 72" ø	6.20	–	3.00	3.00	3.50	–	–	–	–	(–)5.60	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-25	CATCH BASIN 72" ø	7.05	–	3.00	3.00	–	–	–	–	3.50	(–)7.65	SW	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-26	CATCH BASIN 72" ø	6.85	–	3.50	3.50	3.50	–	–	–	–	(–)5.10	S,E	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-26A	CATCH BASIN 72" ø	7.65	–	–	3.00	3.50	–	–	–	–	(–)7.35	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-27	CATCH BASIN 42" ø	6.70	–	–	3.50	2.60	–	–	–	–	(–)5.30	E,W	PRECAST PER U.S. PRECAST 3–18.2
SD-28	CATCH BASIN 42" ø	10.30	–	6.85	–	3.60	–	–	–	–	(–)4.70	S,W	PRECAST PER U.S. PRECAST 3–18.2
SD-29	CATCH BASIN 72" ø	10.30	–	6.85	–	–	–	–	–	–	(–)4.70	W	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-30	CATCH BASIN 72" ø	6.80	3.50	3.50	–	–	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-31	CATCH BASIN 72" ø	10.30	6.85	6.85	–	–	–	–	–	–	(–)4.70	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-32	CATCH BASIN 72" ø	10.30	6.85	6.85	–	3.00	–	–	–	–	(–)4.70	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-33	CATCH BASIN 72" ø	6.80	3.50	3.50	–	–	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-34	CATCH BASIN 72" ø	6.85	3.00	3.50	–	–	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-35	CATCH BASIN 72" ø	10.30	6.85	6.85	–	–	–	–	–	–	(–)4.70	S,N	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-36	CATCH BASIN 72" ø	6.60	3.00	3.00	3.00	3.00	–	–	–	–	(–)5.00	W	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-37	CATCH BASIN 72" ø	10.30	6.85	6.85	–	3.00	–	–	–	–	(–)4.70	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-38	CATCH BASIN 72" ø	6.85	3.50	3.50	–	–	–	–	–	–	(–)5.20	N	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-39	CATCH BASIN 72" ø	10.30	6.50	6.50	–	–	–	–	–	–	(–)4.70	N	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-40	CATCH BASIN 72" ø	10.30	6.50	6.85	–	–	–	–	–	–	(–)4.70	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-41	CATCH BASIN 72" ø	6.80	2.60	2.60	–	–	–	–	–	–	(–)5.20	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-42	CATCH BASIN 72" ø	10.30	6.50	6.50	–	–	–	–	–	–	(–)4.70	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-43	CATCH BASIN 72" ø	6.85	3.00	–	2.60	2.60	–	–	–	–	(–)5.00	W	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-44	CATCH BASIN 72" ø	10.30	6.85	2.60	–	2.60	–	–	–	–	(–)4.70	N	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-45	CATCH BASIN 72" ø	6.80	2.60	2.60	–	–	–	–	–	–	(–)5.20	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-46	CATCH BASIN 72" ø	10.30	6.50	6.50	–	–	–	–	–	–	(–)4.70	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-47	CATCH BASIN 60" ø	7.60	–	–	2.60	2.60	–	–	–	–	(–)7.10	–	PRECAST PER U.S. PRECAST 3–18.2
SD-47A	CATCH BASIN 72" ø	9.05	–	2.60	2.60	2.60	–	–	–	–	(–)5.85	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-47B	MANHOLE 72" ø	10.45	2.60	2.60	6.60	–	–	–	–	–	(–)4.55		PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-48	CATCH BASIN 72" ø	6.85	2.60	–	2.60	2.60	–	–	–	–	(–)5.10	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-49	CATCH BASIN 60" ø	8.35	–	–	2.60	2.60	–	–	–	–	(–)5.05	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-49A	CATCH BASIN 72" ø	10.10	6.50	–	–	2.60	–	2.60	–	–	(–)4.60	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-50	CATCH BASIN 42" ø	10.30	–	–	6.85	6.85	–	–	–	–	(–)4.70	E,W	PRECAST PER U.S. PRECAST 3–18.2
SD-51	CATCH BASIN 42" ø	10.30	–	–	6.85	6.85	–	–	–	–	(–)4.70	E,W	PRECAST PER U.S. PRECAST 3–18.2
SD-52	CATCH BASIN 42" ø	10.30	–	–	6.85	6.85	–	–	–	–	(–)4.70	E,W	PRECAST PER U.S. PRECAST 3–18.2
SD-53	CATCH BASIN 42" ø	10.30	–	–	6.85	6.85	–	–	–	–	(–)4.70	E,W	PRECAST PER U.S. PRECAST 3–18.2

DRAINAGE STRUCTURE SCHEDULE

NO.	TYPE & INSIDE DIMENSION	GRATE/RIM ELEVATION	PIPE INVERT ELEVATION								BOTTOM OF TRENCH ELEV.	PRB	REMARKS
			N	S	E	W	NE	SE	NW	SW			
SD-54	CATCH BASIN 60" ø	7.65	3.25	3.25	–	–	–	–	–	–	(–)7.05	S	PRECAST PER U.S. PRECAST 3–18.2
SD-55	CATCH BASIN 72" ø	6.60	3.60	3.60	–	–	–	–	–	–	(–)5.20	S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-55A	MANHOLE 72" ø	7.30	2.60	2.60	–	–	–	–	–	–	(–)7.70	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-56	CATCH BASIN 72" ø	6.60	–	3.00	–	–	–	–	–	–	(–)5.20	S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-57	CATCH BASIN 60" ø	7.95	2.60	2.60	–	–	–	–	–	–	(–)7.05	–	PRECAST PER U.S. PRECAST 3–18.2
SD-57A	MANHOLE 72" ø	9.30	–	2.60	–	6.85	–	–	3.60	–	(–)5.70	W	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-58	CATCH BASIN 60" ø	6.75	3.25	3.25	–	–	–	–	–	–	(–)5.25	S,N	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-59	CATCH BASIN 72" ø	6.60	3.00	3.60	–	2.60	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-59A	MANHOLE 72" ø	7.15	3.00	3.00	2.60	–	–	–	–	–	(–)7.85	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-60	CATCH BASIN 72" ø	6.60	3.60	3.60	2.60	–	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-60A	MANHOLE 72" ø	7.65	2.60	2.60	–	2.60	–	–	–	–	(–)7.15	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-61	CATCH BASIN 60" ø	6.75	3.25	3.25	–	–	–	–	–	–	(–)5.25	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-62	CATCH BASIN 72" ø	6.60	3.60	3.60	–	2.60	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-62A	MANHOLE 72" ø	7.15	2.60	2.60	2.60	–	–	–	–	–	(–)7.85	–	PRECAST PER U.S. PRECAST 3–18.7
SD-63	CATCH BASIN 72" ø	6.60	3.60	3.60	2.60	–	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-63A	MANHOLE 72" ø	7.60	2.60	2.60	–	2.60	–	–	–	–	(–)7.15	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-64	CATCH BASIN 72" ø	6.60	3.60	3.60	–	–	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-65	CATCH BASIN 72" ø	6.60	3.00	3.00	–	–	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-66	CATCH BASIN 60" ø	6.75	3.25	3.25	–	–	–	–	–	–	(–)5.25	W,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-67	CATCH BASIN 72" ø	6.60	3.60	3.60	–	2.60	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-67A	MANHOLE 72" ø	6.60	2.60	2.60	2.60	–	–	–	–	–	(–)7.65	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-68	CATCH BASIN 72" ø	6.60	3.60	3.60	2.60	–	–	–	–	–	(–)5.20	N,S	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-68A	MANHOLE 72" ø	7.20	2.60	2.60	–	2.60	–	–	–	–	(–)7.15	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-69	CATCH BASIN 42" ø	6.60	3.60	–	–	–	–	–	–	–	(–)5.20	N	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-69A	CATCH BASIN 72" ø	7.15	2.60	2.60	–	–	–	–	–	–	(–)7.85	–	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-70	CATCH BASIN 42" ø	6.60	3.60	–	–	–	–	–	–	–	(–)5.20	N	PRECAST PER U.S. PRECAST 3–18.2
SD-71	CATCH BASIN 42" ø	6.75	3.25	–	–	–	–	–	–	–	(–)5.25	N	PRECAST PER U.S. PRECAST 3–18.2
SD-72	CATCH BASIN 72" ø	6.60	2.60	–	6.25	3.60	–	–	–	–	(–)5.60	E,W	PRECAST/DOPED SOD.S (SHEET 1&2 OF4)
SD-72A	CATCH BASIN 42" ø	7.35	–	–	3.00	–	–	–	–	–	(–)7.85	E	PRECAST PER U.S. PRECAST 3–18.2
SD-73	CATCH BASIN 42" ø	10.20	–	–	6.25	6.25	–	–	–	–	(–)4.60	E,W	PRECAST PER U.S. PRECAST 3–18.2
SD-74	CATCH BASIN 42" ø	10.20	–	–	6.25	6.25	–	–	–	–	(–)4.60	E,W	PRECAST PER U.S. PRECAST 3–18.2
SD-75	CATCH BASIN 42" ø	10.20	–	–	6.25	6.25	–	–	–	–	(–)4.60	E,W	PRECAST PER U.S. PRECAST 3–18.2
SD-76	CATCH BASIN 60" ø	7.75	2.60	2.60	–	–	–	–	–	–	(–)7.25	–	PRECAST PER U.S. PRECAST 3–18.2
SD-76A	CATCH BASIN 60" ø	10.30	2.60	–	–	6.60	–	–	–	–	(–)4.70	W	PRECAST PER U.S. PRECAST 3–18.2

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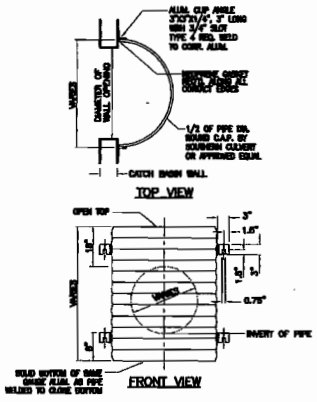
CERTIFICATE OF AUTHORIZATION NO. 5459

DRAINAGE STRUCTURE TABLE

AMB PROPERTY CORPORATION
AMB I-75 BUSINESS PARK

DESIGN BY: G.S.
DRAWN BY: G.S.
CHECKED BY: M.C.J.

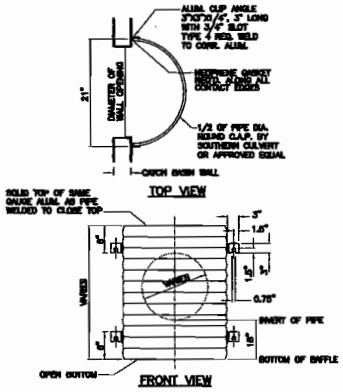
SCALE: AS NOTED
PROJ. No.: AM-01
SHEET: C-19



NOTES:
1. SUBMERGED POLLUTANT RETARDANT BAFFLES TO BE INSTALLED ON ALL STRUCTURE WALL PIPE OPENINGS PRECEDING LAKE OUTFALLS.
2. TOP OF BAFFLE TO BE INSTALLED PER ELEVATION ON SCHEDULE OF DRAINAGE STRUCTURES.

INVERTED BAFFLE DETAIL

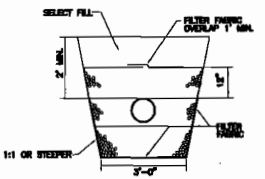
SCALE: N.T.S.



1. POLLUTANT RETARDANT BAFFLE TO BE INSTALLED ON ALL CATCH BASIN WALL PIPE OPENINGS PRECEDING EXFILTRATION TRENCHES, ON PAVED SURFACES

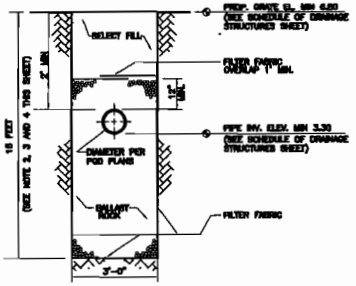
POLLUTION RETARDANT BAFFLE DETAIL

SCALE: N.T.S.

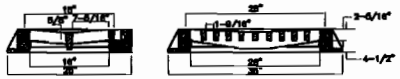


ALT. TRANS. SECTION*

*MAY BE USED IN AREAS WHERE TRENCH WALLS WILL NOT STAND VERTICAL, OR WHERE GWE-NI BELOW THE WATER TABLE IS LIKELY TO OCCUR, TO BE USED AT THE ENGINEER'S DISCRETION.

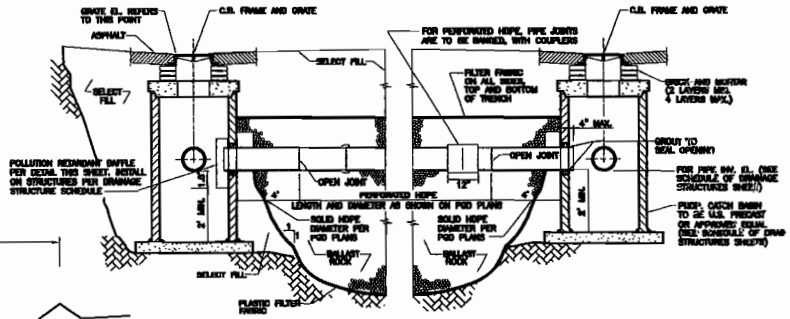


TRANSVERSE SECTION



HINGED FRAME AND GRATE DETAIL

SCALE: N.T.S.



BUBBLE-UP STRUCTURE DETAIL

SCALE: N.T.S.

LONGITUDINAL SECTION

NOTE
AFTER THE BALLAST ROCK HAS BEEN PLACED TO THE PROPER ELEVATION IT SHALL BE CAREFULLY WASHED DOWN WITH CLEAN WATER TO ALLOW FOR INITIAL SETTLEMENT THAT MAY OCCUR. IF SETTLEMENT DOES TAKE PLACE, ADDITIONAL BALLAST ROCK SHALL BE ADDED TO RESTORE THE PROPER ELEVATION SO THAT THE EXFILTRATION TRENCH IS COMPLETED IN ACCORDANCE WITH THE DETAILS.

TYPICAL CATCH BASIN AND EXFILTRATION TRENCH DETAIL

SCALE: N.T.S.

NOTES:
1. ALL FRAME AND GRATES PER U.S. FOUNDRY 4700-4223 UNLESS OTHERWISE NOTED ON SCHEDULE OF DRAINAGE STRUCTURES SHEET.
2. THE PROPOSED TRENCH SHALL BE EXCAVATED TO THE BOTTOM OF TRENCH ELEVATION UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD.
3. THE CONTRACTOR SHALL PROVIDE AS-BUILT BOTTOM OF TRENCH ELEVATIONS AND LENGTH OF THE EXFILTRATION TRENCHES INSTALLED TO THE ENGINEER OF RECORD. AS-BUILTS SHALL BE CERTIFIED BY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA.
4. THE CONTRACTOR SHALL MEET THE ABOVE TRENCH AS-BUILT REQUIREMENTS IN ADDITION TO, AND REGARDLESS OF, THE REQUIREMENTS OF THE DADE COUNTY PUBLIC WORKS DEPARTMENT OR ANY OTHER AGENCY OR ENTITY HAVING JURISDICTION OVER THE PROJECT.

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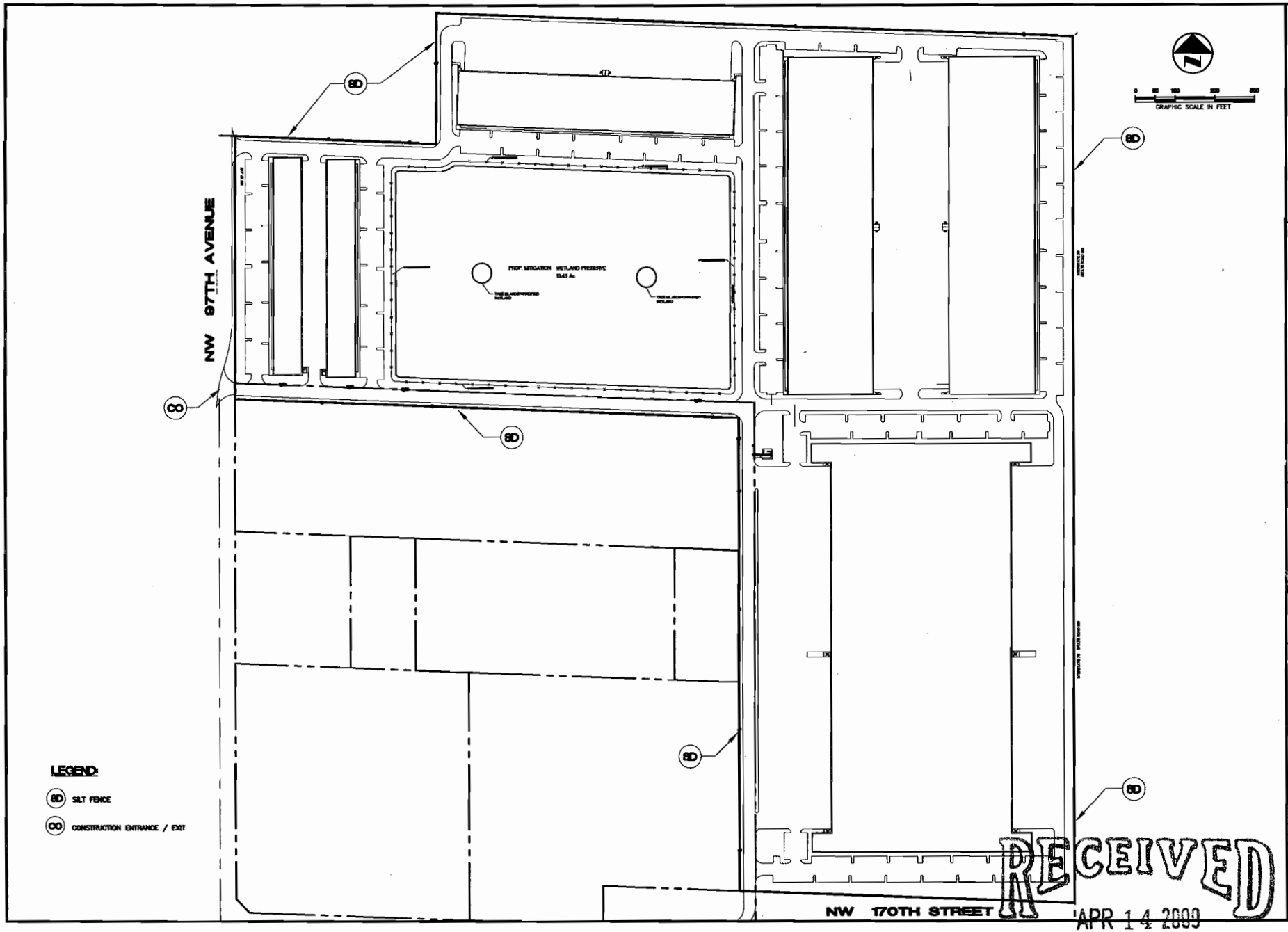
DRAINAGE DETAILS

FOR: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY: G.B.
DRAWN BY: B.B.
CHECKED BY: J.C.I.

SCALE: AS NOTED
PROJ. No. A14-01
SHEET C-20



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EROSION AND TURBIDITY CONTROL
SILT FENCE

FOR: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY: E.M.
DRAWN BY: E.R.
CHECKED BY: E.D.J.

SCALE: AS NOTED
PROJ. No.: A14-01
SHEET: S-1

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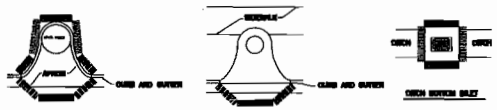
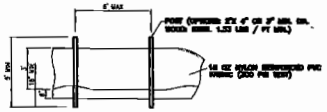
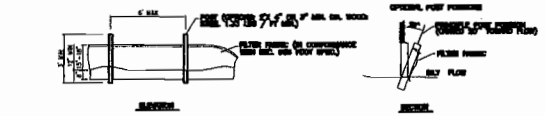


PROTECTION AROUND INLETS OR SIMILAR STRUCTURES
(N.T.S)

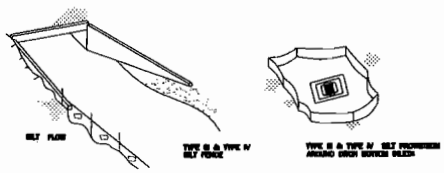
BARRIERS FOR FILL SLOPES
(N.T.S)



STAKED TURBIDITY BARRIER
(N.T.S)

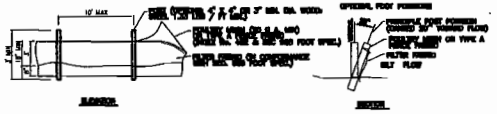


TYPE II SILT FENCE
(N.T.S)

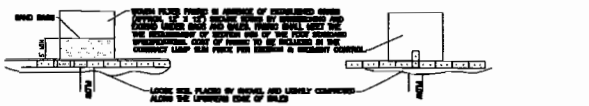


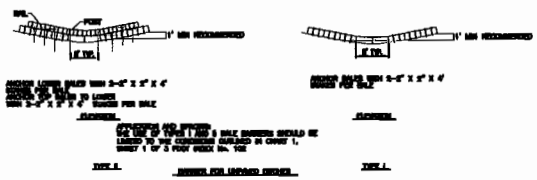
DO NOT DEPLOY IN MANNER THAT SILT FENCE WILL ACT AS DAM ACROSS PERMANENT FLOWING WATERCOURSE. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

SILT FENCE TYPE II + TYPE IV
(N.T.S)



TYPE IV SILT FENCE
(N.T.S)





DITCH INSTALLATIONS AT DRAINAGE STRUCTURES
(N.T.S)

EROSION AND SEDIMENT CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REMOVED ON-SITE AND ASSURING PLAN AGREEMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL BARRIERS AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
3. ADDITIONAL ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
4. CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, DITCHES ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
5. WIRE MESH SHALL BE 1/2" BY 1/2" BY 19 GAUGE WELDED WIRE MESH OR EQUIVALENT. MESH SHALL BE COVERED WITH ONE LAYER OF FILTER CLOTH OR EQUIVALENT. FILTER CLOTH SHALL HAVE A MAXIMUM OPENING SIZE OF 1/2 INCH AND SHALL BE SECURELY FASTENED TO THE WIRE MESH. THE WIRE MESH SHALL BE SECURELY FASTENED TO THE TOP OF EACH POST.
6. FOOT (0.3 m) COVER AGGREGATE SHALL BE PLACED OVER THE WIRE MESH OF A SIZE NOT LESS THAN 3/4" (19 mm) STONE, GRAVEL OR EQUIVALENT. LOOSE STONE SHALL BE PLACED SUCH THAT THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.
7. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER PERFORMS ITS FUNCTION, THE FILTER MUST BE CLEANED OR REPLACED. THIS WILL BE REQUIRED OFTEN AND THE STONES MUST BE PULLED AWAY FROM THE DRAINAGE OPENING.
8. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
9. BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.
10. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 8 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
11. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
12. LOOSE STRAW SHOULD BE PACKED BETWEEN BALES TO PREVENT WATER FROM EVADING BETWEEN BALES.
13. STRAW BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
14. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.
15. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
16. ANY SEDIMENT REMOVED BARRIER IS PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DISPERSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
17. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST ONCE DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
18. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
19. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY SHOULD BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE -THIRD THE HEIGHT OF THE BARRIER.
20. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DISPERSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEED.
21. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
22. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/3 THE DEPTH OF THE TRAP. DISPOSE OF SEDIMENT REMOVED IN A MANNER THAT WILL NOT CONTRIBUTE TO FURTHER SEDIMENT PROBLEMS. SEDIMENT SHALL NOT BE REMOVED IF IT HAS WASHED OFF THE SITE OR ERODED.
23. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES.
24. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
25. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.
26. ALL DISTURBED AREAS ARE TO BE STABILIZED THROUGH COMPACTION, SILT SCREENS, HAY BALES, AND SWALES. ALL THE FILL SLOPES 3:1 OR STEEPER TO RECEIVE SOLID SOD.
27. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVE ONLY WHEN AREAS HAVE STABILIZED.
28. THIS PLAN INDICATES MINIMUM EROSION AND SEDIMENT MEASURES NEEDED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
29. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER DEP INQUIRIES, RELATIVE TO COMPLIANCE OF DEP FOR EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.

NOTE:
WHERE FDOT SPECS AND INDEX ARE REFERENCED, PLEASE REFER TO FDOT ROADWAY & TRAFFIC DESIGN STANDARDS, AND FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.

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REVISIONS

NO.	DATE	DESCRIPTION

MSA Miles, Swain & Associates, Inc.
2035 S.W. 32nd AVENUE MIAMI, FLORIDA 33145
TEL. (305)441-0123 FAX (305)441-0888
CIVIL & ENVIRONMENTAL ENGINEERS • UTILITY MANAGEMENT • FINANCIAL CONSULTANTS
CERTIFICATE OF AUTHORIZATION NO. 5460

FOR: AMB PROPERTY CORPORATION
PROJECT: AMB I-75 BUSINESS PARK

EROSION AND TURBIDITY CONTROL DETAILS

DESIGN BY	G.M.
DRAWN BY	R.R.
CHECKED BY	L.C.J.
SCALE	AS NOTED
PROJ. No.	A14-01
SHEET	S-2

STORM WATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION

PROJECT NAME AND LOCATION:

[illegible]

OWNER NAME AND ADDRESS:

AMB I-75, LLC.
2334 POWDERS POND RD., SUITE 120
ATLANTA, GEORGIA 30339

DESCRIPTION:

CONDITION:
ON A 67.0 +/- ACRE SITE

SOIL DISTURBING ACTIVITIES WILL INCLUDE:
CLEARING AND GRUBBING, EXCAVATION, PAVEMENT AND GRADING, UTILITIES, UTILITIES, AND STORMWATER PIPE AND FLUMES AND CHANNEL.

TOPSOIL CLEAR SUMMARY:
1. PRE-CONSTRUCTION, CY = 0
2. PRE-CONSTRUCTION, CY = 0
3. POST-CONSTRUCTION, CY = 0

SOIL:
[illegible]

* SEE ATTACHED EROSION PLAN FOR PRE & POST DEVELOPMENT GRADES, AREA OF DISTURBANCE, LOCATION OF EXISTING GRADES, VEGETATION, PROPOSED GRADES, LAKES, DRAINAGE, AND STORMWATER, CONTROLS AND AREAS WHERE TEMPORARY STABILIZATION WILL BE IMPLEMENTED.

* SEE ATTACHED SWPPP & TURBIDITY CONTROL PLAN FOR LOCATIONS OF TEMPORARY EGRESS/INGRESS PROCESS, AND TURBIDITY CONTROLS.

* SEE GENERAL NOTES FOR REQUIREMENTS FOR TEMPORARY AND PERMANENT STABILIZATION.

SITE AREA:
1. TOTAL AREA OF SITE= 67.0 ACRES
2. TOTAL AREA TO BE DISTURBED = 67.0 ACRES (APPROX)

RATE OF RUNOFF BEFORE DISTURBANCE (CFS):

CONTROLS

[illegible]

TIMING OF CONTROLS/MEASURES

REFER TO "CONSTRUCTION REQUIREMENTS" FOR THE TIMING OF CONTROLS/MEASURES.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS RELATED TO STORM WATER RUNOFF, EROSION AND SEDIMENT AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED:

DERM PERMIT # _____

GENERAL CONTRACTOR'S REQUIREMENTS

[illegible]

SEQUENCE OF MAJOR ACTIVITIES

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]
11. [illegible]
12. [illegible]
13. [illegible]
14. [illegible]

TIMING OF CONTROLS/ MEASURES

IN ADDITION TO THE SEQUENCE OF MAJOR ACTIVITIES, THE FOLLOWING STEPS WILL BE TAKEN CONSECUTIVELY, AND IMMEDIATELY WHERE WILL BE IMPLEMENTED PRIOR TO CLOSING OF EACH WORK PORTION OF THE SITE, STABILIZATION ACTIVITIES SHALL BE BEGUN AS SOON AS PRACTICAL IF PRIOR TO THE SITE CLOSING, CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, AND WILL NOT RESUME FOR A PERIOD EXCEEDING 21 CALENDAR DAYS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE. IN ARID AREAS AND AREAS EXPERIENCING DROUGHT, WHERE SEEDING IS NOT FEASIBLE DURING NORMAL SEEDING PERIODS, ALTERNATIVE STABILIZATION MEASURES MUST BE IMPLEMENTED IN ACCORDANCE WITH THE PERMANENT & TEMPORARY SEEDING PLAN.

CONTROLS

IF IT IS CONSIDERED NECESSARY TO IMPLEMENT THE MEASURES LISTED BELOW, THEY SHALL BE INCLUDED IN THE SWPPP. RESPONSIBILITY TO IMPLEMENT THESE CONTROLS ARE PRIMARILY THE CONTRACTOR'S AND SUBCONTRACTOR'S RESPONSIBILITY. ALL POLLUTANTS AND POLLUTION CONTROLS SHALL BE IDENTIFIED AND ADDRESSED WITHIN THE SWPPP. THE CONTRACTOR WILL IDENTIFY THE SPECIFIC MEASURES TO BE IMPLEMENTED AT THE SITE AND THE TIMING DURING CONSTRUCTION THAT THEY WILL BE IMPLEMENTED. THE CONTRACTOR WILL ALSO DESCRIBE HOW THE CONTROLS WILL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR WILL ALSO IDENTIFY ANY OTHER POLLUTANTS THAT MAY BE PRESENT ON THE SITE AND DESCRIBE THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH POLLUTANT. THE CONTRACTOR WILL ALSO IDENTIFY THE PERSONNEL RESPONSIBLE FOR THE IMPLEMENTATION, MAINTENANCE, AND INSPECTION OF ALL POLLUTION CONTROLS. THE CONTRACTOR WILL ALSO IDENTIFY ALL OTHER CONTRACTORS AND SUBCONTRACTORS WHOSE WORK OR ACTIVITIES COULD AFFECT THE QUALITY OF STORM WATER DISCHARGES AND IDENTIFY HOW THEY WILL COORDINATE WITH THOSE CONTRACTORS IN THE IMPLEMENTATION AND MAINTENANCE OF THE POLLUTION CONTROL MEASURES.

EROSION AND SEDIMENT CONTROLS STABILIZATION PROCESS

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]
11. [illegible]
12. [illegible]
13. [illegible]
14. [illegible]

FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]
11. [illegible]
12. [illegible]
13. [illegible]
14. [illegible]

OTHER CONTROLS

WASTE DISPOSAL

TOXIC MATERIALS

[illegible]

PETROLEUM WASTE

[illegible]

ONSITE VEHICLE Maintenance

[illegible]

INVENTORY FOR POLLUTION PREVENTION PLAN

THE FOLLOWING MATERIALS WERE OR EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:

☐ ADHESIVES	☐ PESTICIDES	☐ PAINTS
☐ SOLVENTS	☐ PETROLEUM BASED PRODUCTS	☐ CURING COMPOUNDS
☐ OIL	☐ CLEANING SOLVENTS	☐ CONCRETE TRUCK WASHOUT
☐ FERTILIZERS	☐ PAINTS	☐ SEPTIC WASTE
☐ _____	☐ _____	☐ _____

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES

[illegible]

GOOD HOUSEKEEPING

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED WHERE DURING THE CONSTRUCTION PROJECT:

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]

HAZARDOUS PRODUCTS

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]

PRODUCT SPECIFIC

THE POLLUTION PREVENT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

ALL ONSITE VEHICLES WILL BE INSPECTED FOR LEAKS AND REPAIRED PROMPTLY. [illegible]

SPILL CONTROL PRACTICES

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

[illegible]

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. ALL SPILLS WILL BE REPORTED IMMEDIATELY TO THE SITE SUPERINTENDENT OR PROJECT MANAGER. IF APPROPRIATE, THE SPILL WILL BE CONTAINED BY BERMING OR DIKING THE AREA IMMEDIATELY. [illegible]

MAINTENANCE/INSPECTION PROCEDURES

[illegible]

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NO.	DESCRIPTION	DATE

MSA Nilsa, Svaia & Associates, Inc.
2035 S.W. 32nd AVENUE, MIAMI, FLORIDA 33145
TEL (305)441-0125 FAX (305)441-0588
CIVIL & ENVIRONMENTAL ENGINEERS • TRAFFIC CONSULTANTS
CERTIFICATE OF AUTHORIZATION NO. 3450

EROSION AND TURBIDITY CONTROL
GENERAL NOTES

AMB PROPERTY CORPORATION

AMB I-75 BUSINESS PARK

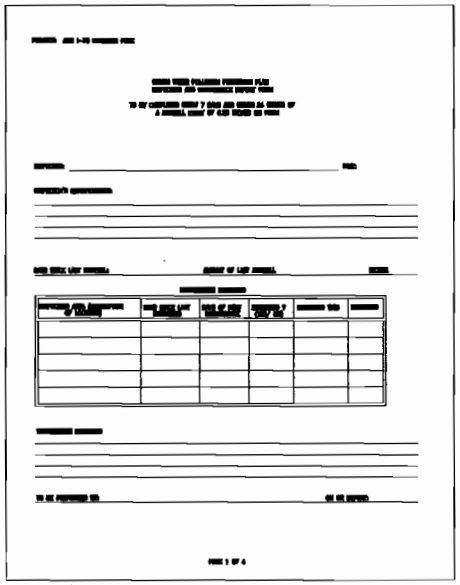
DESIGN BY	G.M.
DRAWN BY	R.R.
CHECKED BY	J.C.J.

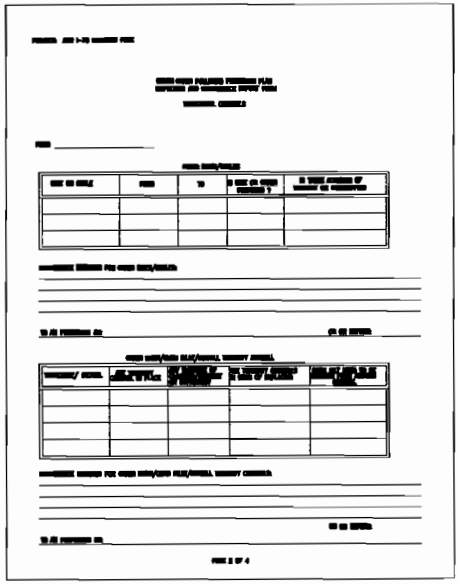
SCALE
AS NOTED

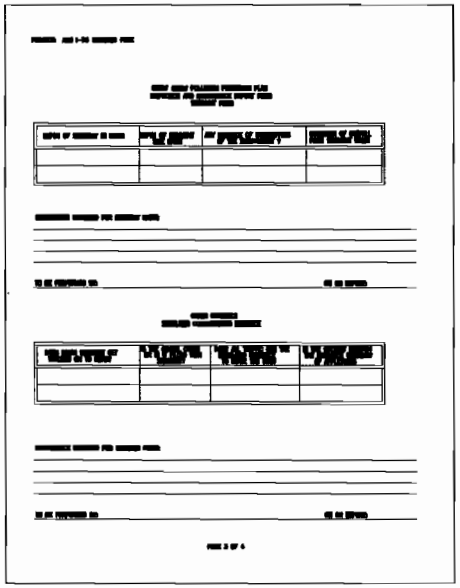
PROJ. No.
A14-01

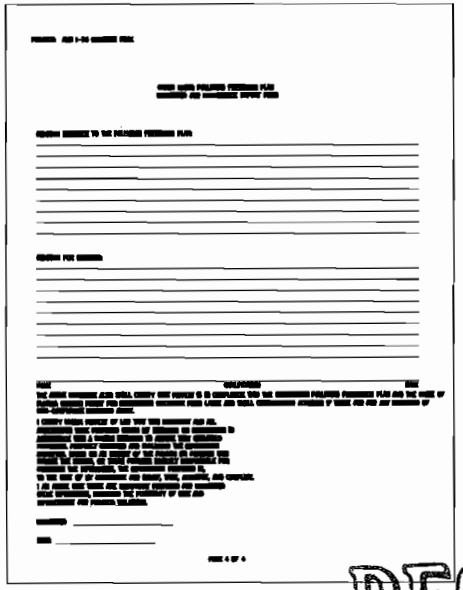
SHEET
S-3

52









REVISIONS

DATE	DESCRIPTION

MSA Milian, Swain & Associates, Inc.
2025 S.W. 32nd AVENUE, MIAMI, FLORIDA 33145
TEL. (305)441-0123 FAX (305)441-0888
CIVIL & ENVIRONMENTAL ENGINEERS • UTILITY MANAGEMENT • FINANCIAL CONSULTANTS
CERTIFICATE OF AUTHORIZATION NO. 5480

EROSION AND TURBIDITY CONTROL INSPECTION FORMS

APPROVED BY: [signature] 4/6/99
ARMANDO MILIAN, P.E. 13754

FOR: AMB PROPERTY CORPORATION

PROJECT: AMB I-75 BUSINESS PARK

DESIGN BY	G.M.
DRAWN BY	R.R.
CHECKED BY	J.C.J.

SCALE AS NOTED

PROJ. No. A14-01

SHEET S-4

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ATTACHMENT B

Affidavits for Limited Liability Companies

AFFIDAVIT OF MEMBERS, MANAGING MEMBERS, AND MANAGERS OF NON- FLORIDA (FOREIGN) LIMITED LIABILITY COMPANY

WE, (print full name(s) and all title(s) of person(s) or entity(s) in the following spaces; if more space needed print additional names and title(s) on separate paper marked as Exhibit A and attach Exhibit A to this Affidavit)

Full name	Title(s)
AMB Property II, L.P	Managing Member

hereby swear or affirm that :

1. **The foregoing persons or entities set forth above and on Exhibit A, if applicable, which Exhibit A is attached hereto and incorporated herein by reference hereto, constitute and are all of the Members, Managing Members, and Managers, as those terms are defined in Section 608.402, Fla. Stat.(2004), as same may be amended from time to time, or the equivalent* thereof, of the Non-Florida (Foreign) Limited Liability Company known as AMB HFC GP, LLC (Print name of the Non-Florida (Foreign) Limited Liability Company as the name appears in the Articles of Organization, as that term is defined by Section 608.402, Fla. Stat.(2004), as same may be amended from time to time, or the equivalent* thereof, currently filed with the Secretary of State of the State of California) (Print name of State where Articles of Organization, or the equivalent* thereof, creating the Non-Florida (Foreign) Limited Liability Company are filed) or other jurisdiction, to wit, _____(Print the name of the country or other jurisdiction where the Articles of Organization, or the equivalent* thereof, creating the Non-Florida (Foreign) Limited Liability Company are filed;**

---

* **The term "equivalent" shall mean for the purposes of this Affidavit, with respect to "persons" or "entities", any person or entity which has or may have any one or more of the duties or powers or obligations or responsibilities or authorities, real or apparent, of a Member, Managing Member, or Manager, as those terms are defined in Section 608.402, Fla. Stat. (2004), as same may be amended from time to time. The term "equivalent" shall mean for the purposes of this Affidavit, with respect to instruments or documents or articles of organization or operating agreements or written agreements or oral agreements, any written agreement or oral agreement or instrument or document which has or may have any one or more of the functions or purposes of any instrument, document, operating agreement, written agreement or oral agreement described or mentioned in this Affidavit.**

2. **There are no Members, Managing Members or Managers, or the equivalent* thereof, of the aforesaid Non-Florida (Foreign) Limited Liability Company other than the persons or entities set forth above and on Exhibit A, if applicable.**
3. **There are no provisions in any Articles of Organization, or the equivalent* thereof, of the aforesaid Non-Florida (Foreign) Limited Liability Company or in any operating agreement, written or oral, or the equivalent* thereof, of the aforesaid Non-Florida (Foreign) Limited Liability Company, as those terms are defined in Section 608.402, Fla. Stat.(2004), as same may be amended from time to time, which prohibit, restrict or limit in any way or in any manner the execution of the instrument or document attached hereto and incorporated herein by reference hereto, to wit, FW 07-076 (Print the title of the instrument or document) by any of the foregoing persons or entities set forth above and on Exhibit A, if applicable, for and on behalf of the aforesaid Non-Florida (Foreign) Limited Liability Company and to bind and obligate the aforesaid Non-Florida (Foreign) Limited Liability Company as set forth in the foregoing instrument or document.**
4. **All of the foregoing persons or entities set forth above and on Exhibit A, if applicable, are authorized by the aforesaid Non-Florida(Foreign) Limited Liability Company, to execute the instrument or document attached hereto and incorporated herein by reference hereto, to wit, FW 07-076 (Print the title of the instrument or document) for and on behalf of the aforesaid Non-Florida (Foreign) Limited Liability Company and to bind and obligate the aforesaid Non-Florida (Foreign) Limited Liability Company as set forth in the foregoing instrument or document.**
5. **All of the provisions of this Affidavit shall be construed in accordance with the laws of the State of Florida.**

AMB Property II, L.P., Managing Member
By: AMB Property Holding Corporation, a Maryland corporation, its general partner
Vice President of Development, AMB Property Holding Corporation

Signature _____ **Title(s)** VP Development

Sworn to and subscribed before me this 7 **day of** July, 2009 **(year) by** John Morgan **(print name legibly), who is personally known to me or who has produced** _____ **(type of identification).**

_____ **(Signature of Notary Public)**

YOLANDA ESTRADA
MY COMMISSION # DD 697237
EXPIRES: July 22, 2011
Bonded Thru Notary Public Underwriters

_____ **(Print, type or stamp name of notary public)**

(Add additional Signature, Title(s), and Notary Public areas for all other Members, Managing Members, and Managers of LLC, as Exhibit A)

AFFIDAVIT OF MEMBERS, MANAGING MEMBERS, AND MANAGERS OF NON- FLORIDA (FOREIGN) LIMITED LIABILITY COMPANY

WE, (print full name(s) and all title(s) of person(s) or entity(s) in the following spaces; if more space needed print additional names and title(s) on separate paper marked as Exhibit A and attach Exhibit A to this Affidavit)

Full name	Title(s)
AMB HFC, L.P.	Managing Member

hereby swear or affirm that :

1. **The foregoing persons or entities set forth above and on Exhibit A, if applicable, which Exhibit A is attached hereto and incorporated herein by reference hereto, constitute and are all of the Members, Managing Members, and Managers, as those terms are defined in Section 608.402, Fla. Stat.(2004), as same may be amended from time to time, or the equivalent* thereof, of the Non-Florida (Foreign) Limited Liability Company known as AMB I-75, LLC Print name of the Non-Florida (Foreign) Limited Liability Company as the name appears in the Articles of Organization, as that term is defined by Section 608.402, Fla. Stat.(2004), as same may be amended from time to time, or the equivalent* thereof, currently filed with the Secretary of State of the State of Delaware) (Print name of State where Articles of Organization, or the equivalent* thereof, creating the Non-Florida (Foreign) Limited Liability Company are filed) or other jurisdiction, to wit, N/A (Print the name of the country or other jurisdiction where the Articles of Organization, or the equivalent* thereof, creating the Non-Florida (Foreign) Limited Liability Company are filed;**

---

* **The term "equivalent" shall mean for the purposes of this Affidavit, with respect to "persons" or "entities", any person or entity which has or may have any one or more of the duties or powers or obligations or responsibilities or authorities, real or apparent, of a Member, Managing Member, or Manager, as those terms are defined in Section 608.402, Fla. Stat. (2004), as same may be amended from time to time. The term "equivalent" shall mean for the purposes of this Affidavit, with respect to instruments or documents or articles of organization or operating agreements or written agreements or oral agreements, any written agreement or oral agreement or instrument or document which has or may have any one or more of the functions or purposes of any instrument, document, operating agreement, written agreement or oral agreement described or mentioned in this Affidavit.**

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2. **There are no Members, Managing Members or Managers, or the equivalent* thereof, of the aforesaid Non-Florida (Foreign) Limited Liability Company other than the persons or entities set forth above and on Exhibit A, if applicable.**
3. **There are no provisions in any Articles of Organization, or the equivalent* thereof, of the aforesaid Non-Florida (Foreign) Limited Liability Company or in any operating agreement, written or oral, or the equivalent* thereof, of the aforesaid Non-Florida (Foreign) Limited Liability Company, as those terms are defined in Section 608.402, Fla. Stat.(2004), as same may be amended from time to time, which prohibit, restrict or limit in any way or in any manner the execution of the instrument or document attached hereto and incorporated herein by reference hereto, to wit, Class IV Permit FW 07-076 (Print the title of the instrument or document) by any of the foregoing persons or entities set forth above and on Exhibit A, if applicable, for and on behalf of the aforesaid Non-Florida (Foreign) Limited Liability Company and to bind and obligate the aforesaid Non-Florida (Foreign) Limited Liability Company as set forth in the foregoing instrument or document.**
4. **All of the foregoing persons or entities set forth above and on Exhibit A, if applicable, are authorized by the aforesaid Non-Florida(Foreign) Limited Liability Company, to execute the instrument or document attached hereto and incorporated herein by reference hereto, to wit, Class IV Permit FW 07-076 (Print the title of the instrument or document) for and on behalf of the aforesaid Non-Florida (Foreign) Limited Liability Company and to bind and obligate the aforesaid Non-Florida (Foreign) Limited Liability Company as set forth in the foregoing instrument or document.**
5. **All of the provisions of this Affidavit shall be construed in accordance with the laws of the State of Florida.**

AMB HFC, L.P., Managing Member
By: AMB HFC GPC, LLC
By: AMB Property II, L.P.
By: AMB Property Holding Corporation, a Maryland corporation, its general partner
Vice President of Development, AMB Property Holding Corporation

VP Development
Title(s)

Signature

Sworn to and subscribed before me this 7 **day of** July **,** 2009 **(year) by** John Morgan **(print name legibly), who is personally known to me or who has produced** _____ **(type of identification).**

YOLANDA ESTRADA
MY COMMISSION # DD 681287
EXPIRES: July 22, 2011
Bonded Thru Notary Public Underwriters

(Signature of Notary Public)

(Print, type or stamp name of notary public)

(Add additional Signature, Title(s), and Notary Public areas for all other Members, Managing Members, and Managers of LLC, as Exhibit A)

58

Exhibit B – Chain of Ownership

AMB I-75, LLC
a Delaware limited liability company

By: AMB HFC, L.P.,
its sole member

By: AMB HFC GP, LLC,
its general partner

By: AMB Property II, L.P.,
its sole member

By: AMB Property Holding Corporation, a Maryland corporation, its general partner

By:_____
Print Name: John Morgan
Title: Vice President of Development, AMB Property Holding Corporation

OFFICER'S CERTIFICATE
OF
AMB PROPERTY HOLDING CORPORATION

The undersigned, Eugene F, Reilly, President of AMB Property Holding Corporation, a Maryland corporation (the "Company"), certifies on behalf of the Company, as follows:

1. That pursuant to resolutions adopted by the Board of Directors of the Company on September 27, 2007 (the "Resolutions"), the officers of the Company are empowered and authorized, acting on behalf of the Company in its individual capacity, and on behalf of its subsidiaries, without further specific authority from the Board of Directors (including any committee thereof), to enter into on behalf of and to bind the Company and its subsidiaries **in all matters related to the development of the property in Miami-Dade County, Florida, legally described in the attached Exhibit "A" (the "Property"), including but not limited to join in the filing with the Board of County Commissioners a petition for a Special Taxing district for the subdivision known as "AMB I-75 Business Park" pursuant to Chapter 18 of the Code of Miami-Dade County.**

2. That as of the date hereof John Morgan, Vice President of Development, East Region of the Company is an Authorized Officer, as defined in the Resolutions, and as such has the authority to **enter into negotiations, execute documents and** bind the Company and its subsidiaries. **Specifically Mr. Morgan is authorized, directed and empowered to execute any and all applications, petitions and other documents pertaining to the Special Taxing District for the subdivision known as "AMB I-75 Business Park" pursuant to Chapter 18 of the Code of Miami-Dade County, Florida, as well as any and all applications, petitions, permits and other documents pertaining to the development of the Property.**

The Resolutions have not been amended, superseded or revoked and are in full force and effect on the date hereof and shall remain in effect until such time the Resolutions are revoked.

IN WITNESS WHEREOF, I have hereunto set my hand to be effective as of February 19, 2008.

AMB PROPERTY HOLDING CORPORATION,
a Maryland corporation

By: _____
Eugene F. Reilly, President

STATE OF Massachusetts

COUNTY OF Suffolk

I HEREBY CERTIFY that on this day, before me, an officer duly qualified to take acknowledgements, personally appeared Eugene F. Reilly **the Manager/Member of AMB I-75, LLC, a Delaware limited liability company, (** ✓ **) to me personally known or (___) produced identification in the form of _____, and who**

executed the foregoing resolution and acknowledged before me that he **executed the same for the purposes herein expressed.**

WITNESS my hand and official seal in the County and State last aforesaid, this 23 **day of** July **, 2009.**

Margaret A. Orlowski

Notary Public State of Massachusetts

My Commission expires 7/20 **, 20**12.

MARGARET A. ORLOWSKI
NOTARY PUBLIC
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES 7/20/2012

ATTACHMENT C

Applicants/Agents Letter

Engineer's Certification Letter

RS ENVIRONMENTAL CONSULTING, INC.

Permit Applicant/ Authorized Agent Statement

July 7, 2009

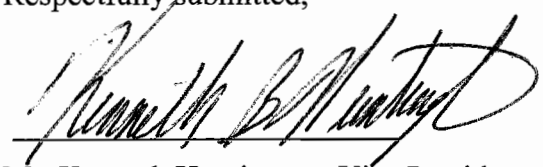
Miami-Dade County DERM
Wetland Resources Section
701 N.W. 1st Court
Miami, Florida 33136

RE: Class IV Standard Form Permit Application Number FW 07-076 (Folio nos. 30-2009-001-0340, -0350, -0360, -0370, -0380, -0390, -0400, -0450, -0460, and -0475) and EEOS Application #: 2007-CLIV-PER-00076, AMB I-75 Business Park for the Dredging and Filling of 67.5 Acres of Wetlands for the Construction of a Commercial Development and the enhancement of 10.45 acres of wetlands in Section 9, Township 52S, Range 40E.

By the attached Class IV Standard Form permit application with supporting documents, I, Mr. Kenneth Huntington, am the permit applicant / applicant's authorized agent and hereby request permission to perform the following: Class IV Standard Form Permit Application Number FW 07-076 (Folio nos. 30-2009-001-0340, -0350, -0360, -0370, -0380, -0390, -0400, -0450, -0460, and -0475) and EEOS Application #: 2007-CLIV-PER-00076, AMB I-75 for the Dredging and Filling of 67.5 Acres of Wetlands for the Construction of a Commercial Development and the enhancement of 10.45 acres of wetlands in Section 9, Township 52S, Range 40E. I understand that a Miami-Dade County Class IV Standard Form Permit is required to perform this work.

If approval is granted for the proposed work by the Board of County Commissioners, complete and detailed plans and calculations of the proposed work shall be prepared by an engineer registered/licensed in the State of Florida in accordance with the minimum requirements of Chapter 24 of the Code of Miami-Dade County, Florida. Said plans and calculations shall be subject to the review and approval of the Department of Environmental Resources Management. The permit applicant will secure the services of an engineer registered/licensed in the State of Florida to conduct inspections throughout the construction period, and said engineer shall prepare all required drawings of record.

Respectfully submitted,



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DERM
Environmental Resources Regulation Divisic

Mr. Kenneth Huntington, Vice President, RS Environmental Consulting, Inc.
Authorized Agent

PO Box 161158 - Miami, FL 33116-1158 T: (305) 383-3404 F: (305) 383-3270

MSA *Milian, Swain & Associates, Inc.*

Civil Engineers • environmental scientists and engineers • utility management • financial consultants

File: A14-01

July 1, 2009

Miami-Dade County DERM
Wetland Resources Section
701 NW 1st Court, 6th Floor
Miami, Florida 33136

RE: **Class IV Standard Form Permit Application Number FW 07-076 (Folio nos. 30-2009-001-0340, -0350, -0360, -0370, -0380, -0390, -0400, -0450, -0460, and -0475), AMB I-75 Business Park for the Dredging and Filling of 67.5 Acres of Wetlands for the Construction of a Commercial Development and the enhancement of 10.45 acres of wetlands in Section 9, Township 52S, Range 40E.**

Ladies and Gentlemen:

This letter will certify that I am an engineer registered/licensed in the State of Florida, qualified by education and experience in the area of construction, and that to the best of my knowledge and belief, the proposed work does not violate any laws of the State of Florida or any provision of the Code of Miami Dade County which may be applicable, that diligence and recognized standard practices of the engineering profession have been exercised in the engineer's design process for the proposed work, and in my opinion based upon my knowledge and belief, the following will not occur:

a. Harmful obstruction or undesirable alteration of the natural flow of the water within the area of the proposed work.

b. Harmful or increased erosion, shoaling of channels or stagnant areas of water.
(Not applicable to class IV permits)

c. Material injury to adjacent property.

d. Adverse environmental impacts from changes in water quality or quantity. (Applicable to class IV permits only)

Further, I have been retained by the applicant to provide inspections throughout the construction period and prepare a set of reproducible record prints of drawings showing changes made during the construction process based upon the marked-up prints, drawings, and other data furnished by the contractor to me.
Sincerely,

MILIAN, SWAIN & ASSOCIATES, INC.

Arsenio Milian, P.E. #13134
President
cc: Document Control File

2025 S.W. 32 Avenue, Suite 110, Miami, Florida 33145 (305) 441-0123 Fax (305) 441-0688
2257 Vista Parkway, Suite 19, West Palm Beach, Florida 33411 (561) 689-0863 Fax (561) 684-1155

ATTACHMENT D

Zoning Approval Letter

DERM Water Control's Cut & Fill Approval

Mitigation Acceptance Letter

Memorandum

MIAMI-DADE COUNTY

Date: May 5, 2009

To: Brandon Blue, Biologist ll
Wetlands Resources Section, DERM

From: María Teresa Fojo, Acting Assistant Director for Zoning
Department of Planning and Zoning

Subject: Class 1V Permit FW 07-076
AMB I-75, LLC

The proposed usage of the property upon which the proposed work would occur does not violate any zoning law applicable to the area of the proposed work.

Should you have any question regarding this matter, please contact this office at extension 2117.

MTF/dah

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MAY 28 2009
DERM
Environmental Resources Regulation Division

Memorandum

MIAMI-DADE COUNTY

Date: May 4, 2009

To: Martha Garcia, Biologist II
Wetlands Resources Section

From: Rogelio Mata, Engineer II
Water Control Section RM

Subject: Class IV Application FW 07-076
AMB I-75, LLC
Property located West of I-75 and North of 170th Street
Section 09-52-40
Folio no. 30-2009-001-0340, 0350, 0360, 0370, 0380, 0390, 0400, 0450, 0460, and 0475

Water Control Section has reviewed the submitted site plans entitled, AMB I-75 Business Park Plan signed and sealed by Arsenio Milian, P.E. on April 6, 2009 to determine fill encroachment criteria and offers the following comments:

1. The proposed work will not result in adverse environmental impacts to water quality or water quantity.

2. Property is located within the Western C-9 Basin, where a permit from the South Florida Water Management District may be required.

3. An Individual Environmental Resource Permit issued by the South Florida Water Management District, and a Class II permit issued by the Department of Environmental Resources Management, must be obtained before construction of the proposed surface water management system, or final plat approval.

If you should have any questions, please advice.

EVERGLADES
MITIGATION BANK

May 14, 2008

John Morgan
AMB Property Corporation
3424 Peachtree Road NE, Suite 125
Atlanta, GA 30326

Re: Everglades Mitigation Bank Credit Reservation:
South Florida Water Management District Application # 080104-8, Miami-Dade County Department of Environmental Resources Management Permit # FW07-076, U. S. Army Corps of Engineers Permit # SAJ-2007-6469

Dear Mr. Morgan:

Please be advised that the Everglades Mitigation Bank (the "EMB") has reserved the 13.0 Freshwater Forested mitigation credits necessary to offset the unavoidable wetland impact for the above referenced project. Phase I of the EMB has a signed Mitigation Banking Instrument acknowledged by both FDEP and USACE and sufficient credits are currently available on the EMB ledger to offset the proposed impacts. **The EMB acknowledges receiving a deposit for the above referenced credits.**

Please contact me at 561-694-6388 for any additional information or questions regarding this matter.

Regards,

Joseph R. Sicbaldi
Everglades Mitigation Bank

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APR 28 2008
DERM
Environmental Resources Regulation Division

FPL 68

EVERGLADES
MITIGATION BANK

January 14, 2009

AMB I-75, LLC
c/o AMB Property Corporation
Mr. John Morgan, VP
Pier 1, Bay 1
San Francisco, CA 94111

Re: Everglades Mitigation Bank Credit Reservation:
South Florida Water Management District Permit # 080104-8
U S Army Corps of Engineers Permit # SAJ-2007-6469
Miami-Dade County Department of Environmental Resources Management Permit # FW07-076

Please be advised that the Everglades Mitigation Bank (the "EMB") has reserved 25.0 Freshwater Herbaceous mitigation credits necessary to offset the unavoidable wetland impact for the above referenced project. Phase II of the EMB has a signed Mitigation Banking Instrument acknowledged by both FDEP and USACE and sufficient credits are currently available on the EMB ledger to offset the proposed impacts. **The EMB acknowledges receiving a deposit for the above referenced credits.**

Please contact me at 561-694-6388 for any additional information or questions regarding this matter.

Regards,

Joseph R. Sicbaldi
Everglades Mitigation Bank

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APR 28 2009
DERM
Environmental Resources Regulation Division

FPL 69

ATTACHMENT E

Adjacent Property Owner's List

RS Environmental Consulting, Inc.
PO Box 161158
Miami, FL 33116

SEVILLA GROUP INC
16333 NW 84 PL
MIAMI FL 33016-6642

IRVING FRIEDMAN TR
% UNIVERSAL AIRCRAFT PARTS INC
125 W 22 ST
HIALEAH FL

GENESIS PARTNERS DEV ENTERP LLC
P O BOX 820237
PEMBROKE PINES FL 33082

THE GRAHAM COMPANIES
6843 MAIN ST
MIAMI LAKES FL 33014-2048

ROYAL GARDENS INVESTMENTS LLC
3450 W 84 ST #201
HIALEAH FL 33018-

TIITF/STATE OF FL
3900 COMMONWEALTH BLVD
TALLAHASSEE FL 32399-

SHOMA HOMES AT TREASURE COVER INC
8550 NW 33 ST STE 100 MIAMI FL
33122-1941

JULIO DENIS &W NEIDA

9160 NW 171 ST MIAMI FL
33018-

ODALYS HERNANDEZ-CHAO
P O BOX 126941
HIALEAH FL 33012-1615

ALFREDO IGLESIAS & W CARMEN
17120 NW 91 PL
MIAMI FL 33018-

OCTAVIO R ESPERON
17140 NW 91 PL
MIAMI FL 33018-6638

JORGE A VILLAR &W ELA I SURIS
17160 NW 91 PL
MIAMI FL 33018-

MARIO L OLIVERA &W OFELIA L &
MADELYN ALFONSO
17180 NW 91 PL
MIAMI FL 33018-

OSVALDO L CORTES &W NORMA SUAREZ
17200 NW 91 PL
MIAMI FL 33018-

MICHAEL FERNANDEZ &W IVON
17220 NW 91 PL
MIAMI FL 33018-

PATRICIA F GONZALEZ
17240 NW 91 PL
MIAMI FL 33018-

MAYTE DEL MARMOL
17260 NW 91 PL
HIALEAH FL 33018-

MAYTE DEL MARMOL
17260 NW 91 PL
HIALEAH FL 33018-

LUIS F RODRIGUEZ &W CRISTINA
17320 NW 91 PL
MIAMI FL 33018-

YUDERMIS IZQUIERDO &
JULIO A HIDALGO
17340 NW 91 PL
HIALEAH FL 33018-

COSME M LOPEZ &W IVETT C
17360 NW 91 PL
MIAMI FL 33018-

FRANCISCO D GONZALEZ &W MARIA I
17400 NW 91 PL
MIAMI FL 33018-

ROBERTO DELGADO
17416 NW 91 CT
MIAMI FL 33018-

MICHEL A MARTINEZ
17436 NW 91 PL
MIAMI FL 33018-

LUIS PERDOMO &W MICHELLE
17446 NW 91 PL
MIAMI FL 33018-

ALEXIS D QUINTANA &W DAGMARIS
17456 NW 91 CT
MIAMI FL 33018-0000

REINA B ARBELO
17466 NW 91 PL
MIAMI FL 33018-

JORGE B GARCIA & MARIA C
17476 NW 91 CT
MIAMI FL 33018-

MIGUEL A ILLANCE &W AYMEE
17516 NW 91 CT
MIAMI FL 33018-

OSCAR ALVAREZ
17546 NW 91 CT
MIAMI FL 33018-0000

JOSE M PLASENSIA &W MATLIDE
17616 NW 91 CT
MIAMI FL 33018-0000

SONIA S SEOANE
17646 NW 91 CT
MIAMI FL 33018-0000

LUIS M GONZALEZ JR
17676 NW 91 CT
MIAMI FL 33018-

RAMON J GONZALEZ &W ALICIA
17686 NW 91 CT
MIAMI FL 33018-

ISMAEL PRADO &W UDELIA G
17696 NW 91 CT
MIAMI FL 33018-

ARMANDO GUTIERREZ
17706 NW 91 PL
MIAMI LAKES FL 33016-0000

IBIS SOLER &
ANTONIO MORALES (JTRS)
17736 NW 91 PL
MIAMI FL 33016-0000

MAYRA GONZALEZ &H LAZARO
17766 NW 91 PL
MIAMI FL 33018-

ISAAC CASTRO TRS
17796 NW 92 PL
MIAMI LAKES FL 33016-

ATTACHMENT F

Project Report

PROJECT REPORT

CLASS IV PERMIT APPLICATION NO. FW 07-076

AMB I-75, LLC

July 7, 2009

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Staff's recommendation of approval for the above-referenced project is based upon the applicable evaluation factors set forth in Section 24-48.3, Code of Miami-Dade County. The following is a summary evaluation of the proposed project with respect to each applicable evaluation factor:

1. Potential Adverse Environmental Impact – The proposed project will result in an adverse environmental impact to 67.50 acres of wetlands. However, the restoration and preservation of 10.45 acres on-site and the mitigation, as set forth in Number 14 below, will compensate for the loss of wetland values associated with the proposed project.

2. Potential Cumulative Adverse Environmental Impact – The proposed project will result in minimal cumulative adverse environmental impacts. However, the restoration and preservation of 10.45 acres on-site and the mitigation, as set forth in Number 14 below, will compensate for the loss of wetland values associated with the proposed project within the subject property.

3. Hydrology - The proposed project, as designed, is not reasonably expected to adversely affect surface water drainage or retention of storm water.

4. Water Quality – The proposed project, as designed, is not reasonably expected to adversely affect applicable Miami-Dade County water quality standards.

5. Wellfields – The proposed project is not located within a wellfield protection area.

6. Water Supply – The proposed project is not reasonably expected to adversely affect the water supply.

7. Aquifer Recharge – The proposed project is not reasonably expected to adversely affect aquifer recharge.

8. Aesthetics - The proposed project is designed to be aesthetically compatible with the surrounding area.

9. Navigation – Not applicable.

10. Public Health - The proposed project is not reasonably expected to adversely affect the public health.

11. Historic Values – The proposed project is not reasonably expected to adversely affect historic values.

12. Archaeological Values – There is no known archaeological site located within the boundaries of this application.

13. Air Quality – The proposed project is not reasonably expected to adversely affect air quality.

14. Marine and Wildlife Habitats - The proposed project will result in the dredging and filling of 67.50 acres of wetlands. As part of this project, the applicant is requesting to excavate 10.45 acres within the 67.50-acre project area, utilize the excavated material as fill for the project area, and then backfill the excavation to create a wetland preservation area. The wetlands that will be impacted within the project area are characterized as herbaceous prairie with moderate levels of *Melaleuca,* an invasive plant species. The southern 22.26 acres are considered forested wetlands and contain native tree species, predominantly swamp bays. In addition, secondary impacts to 2.88 acres of adjacent herbaceous prairie impacted with *Melaleuca* are expected to result from the project. Compensatory mitigation for the ecological impacts related to the removal of the wetland communities will be accomplished by purchasing 17.75 herbaceous wetland mitigation credits and 12.35 forested wetland mitigation credits in the Everglades Mitigation Bank, owned and managed by Florida Power & Light Company. The wetland restoration and enhancement projects conducted within the Everglades Mitigation Bank have enhanced property in the South Dade Wetland Basin by removing exotic vegetation, replanting with native species, restoring filled areas to natural wetland grade and reestablishing a fire management program. In addition, a restrictive covenant has been proffered for the preservation of 10.45 acres of wetlands on-site.

15. Wetland Soils Suitable for Habitat - The proposed project will result in the permanent removal of wetland soils. However, the restoration and preservation of 10.45 acres on-site and the mitigation, as set forth in Number 14, will result in the enhancement of existing wetland habitat and soils by restoring appropriate wetland elevations and removing exotics, thereby promoting re-vegetation with native wetland plant species and soil-vegetative interactions.

16. Floral Values - The proposed project will impact herbaceous wetlands. However, the restoration and preservation of 10.45 acres on-site and the mitigation, as set forth in Number 14 above, will provide for the establishment of native wetland vegetation appropriate for promoting the natural ecosystem.

17. Faunal Values - The proposed project will disturb native wildlife habitat. However, the restoration and preservation of 10.45 acres on-site and the mitigation, as set forth in Number 14 above, will provide for high quality habitat for native fauna.

18. Rare, Threatened and/or Endangered Species – The proposed project is not reasonably expected to result in adverse impacts to rare, threatened or endangered species.

19. Natural Flood Damage Protection - The property is located within the Western C-9 Basin, where an Individual Environmental Resources Permit from the South Florida

Water Management District may be required. In addition, a Class II Permit from the Department of Environmental Resources Management must be obtained before construction of the proposed surface water management system or final plat approval. (See Attachment D)

20. Wetland Values – The proposed project will result in the dredging and filling of 67.50 acres of wetlands. However, the restoration and preservation of 10.45 acres on-site and the mitigation, as set forth in Number 14 above, will compensate for the loss of wetland values associated with the proposed project.

21. Land Use Classification – The Miami-Dade County Planning and Zoning Department has determined the proposed work does not violate any zoning law applicable to the area of the proposed work. (See Attachment D)

22. Recreation – The proposed project does not conflict with the recreation elements of the Miami-Dade County Comprehensive Development Master Plan and/or the Biscayne Bay Management Plan.

23. Other Environmental Values Affecting the Public Interest – There are no other known environmental factors that will affect the public interest.

24. Standard Construction Procedures and Practices and Design and Performance Standards - The proposed project complies with the standard construction procedures and practices and design and performance standards of the applicable portions of the following:
    a. Miami-Dade County Public Works Manual
    b. Chapter 33B of the Code of Miami-Dade County

25. Comprehensive Environmental Impact Statement (CEIS) - In the opinion of the Director of DERM, the proposed mitigation plan will compensate for the loss of wetland values associated with the proposed project. As such, a CEIS was not required by DERM to evaluate the proposed project.

26. Conformance with All Applicable Federal and State Laws and Regulations – The proposed project is in conformance with the following applicable State, Federal and local laws and regulations:
    a. United States Clean Water Act (US Army Corps of Engineers and US Environmental Protection Agency)
    b. Federal Endangered Species Act (US Fish & Wildlife Service)
    c. Florida Department of Environmental Protection Regulations
    d. Chapter 24 of the Code of Miami-Dade County
    e. Rules of the South Florida Water Management District
    f. Basis of Review for Surface Water Management Permit Applications within the South Florida Water Management District

27. Conformance with the Miami-Dade County Comprehensive Development Master Plan (CDMP) – In the opinion of DERM, the proposed land use is consistent with the CDMP. Specifically, the proposed project complies with the following CDMP Elements and Policies:

LAND USE ELEMENT:

Objective 1 – Growth management - The proposed project is generally consistent with the goals, objectives and policies contained in the Conservation, Aquifer Recharge and Drainage Element.

Objective 3/Policies 3B, 3C - Protection of natural resources and systems. - The proposed project is consistent with all applicable environmental regulations, as well as all other elements of the CDMP. The proposed project is compatible with surrounding land uses and does not involve development in the Big Cypress area of Critical State concern or the East Everglades.

CONSERVATION, AQUIFER RECHARGE AND DRAINAGE ELEMENT:

Objective 2/Policy 2A – Protection of ground and surface water resources – The proposed project adheres to all relevant storm water management criteria.

Objective 3/Policies 3A, 3B, 3D - Wellfield protection areas. - The proposed project is located over 2 miles outside of the maximum cone of influence for the Northwest Wellfield protection area. The project, as designed, is not reasonably expected to adversely affect the water quality reaching the Northwest Wellfield.

Objective 3/Policy 3E - Limestone mining within the area bounded by the Florida Turnpike, the Miami-Dade/Broward Levee, N.W. 12 Street and Okeechobee Road. - The proposed project is not located within the above referenced area.

Objective 4/Policies 4A, 4B, 4C - Water storage, aquifer recharge potential and maintenance of natural surface water drainage. - The proposed project is not reasonably expected to adversely affect water storage, aquifer recharge potential, or natural surface water drainage.

Objective 5/Policies 5A, 5B, 5F - Flood protection and cut and fill criteria - The property is located within the Western C-9 Basin, where an Individual Environmental Resources Permit from the South Florida Water Management District may be required. In addition, a Class II Permit from the Department of Environmental Resources Management must be obtained before construction of the proposed surface water management system or final plat approval.

Objective 6/Policy 6A - Areas of highest suitability for mineral extraction. - The proposed project is not located in an area proposed or suitable for mineral extraction.

Objective 6/Policy 6B - Guidelines for rock quarries for the re-establishment of native flora and fauna. – Not applicable.

Objective 6/Policy 6D - Suitable fill material for the support of development. – The proposed project will not cause premature urban encroachment. The proposed project must use suitable fill material in order to meet the requirements of Chapter 24 of the Code of Miami-Dade County.

Objective 7/Policy 7A - No net loss of high quality relatively unstressed wetlands. – The wetlands associated with this project are not high quality. The loss of wetland values associated with the proposed project will be mitigated as set forth in Number 14 above.

Objective 9/Policies 9A, 9B, 9C - Protection of habitat critical to Federal or State-designated threatened or endangered species. - The proposed project is not reasonably expected to affect any rare, threatened, or endangered species.

28. Conformance with Chapter 33B, Code of Miami-Dade County (East Everglades Zoning Overlay Ordinance) – The proposed project is not within the East Everglades Zoning overlay area.

29. Conformance with Miami-Dade County Ordinance 81-19 (Biscayne Bay Management Plan) – The proposed project is not within the area of the Biscayne Bay Management Plan.

30. Conformance with Manatee Protection Plan – Not applicable.

31. Consistency with Miami-Dade County Criteria for Lake Excavation – Not applicable.

32. Municipality Recommendation - The project is located within unincorporated Miami-Dade County.

33. Coastal Resources Management Line – Not Applicable.

34. Maximum Protection of a Wetland's Hydrological and Biological Functions Through Adherence to the Following Fill Limitations: -
    i) Placement of the minimum fill necessary to provide for the land usage alternative which results in the least adverse environmental impact and the least cumulative adverse environmental impact – The proposed project uses the minimum amount of fill necessary to provide for the proposed land usage alternative.

ii) Placement of temporary fill pads and fill roads for the purpose of conducting rock mining. - Not applicable.

The proposed project was also evaluated for compliance with the minimum required standards contained in Section 24-48.3 (2), (3), and (4) of the Code of Miami-Dade County. The following is a summary of the proposed project's compliance with said standards:

24-48.3 (2) Dredging and/or Filling for Class I Permit – Not applicable.

24-48.3 (3) Docks and Piers for Mooring Purposes - Not applicable.

24-48.3 (4) Clean Fill in Wetlands - The proposed project involves the placement of clean fill material only as defined in Section 24-5 of the Code of Miami-Dade County.

24-48.3 (6) Basin Fill Criteria – The property is located within the Western C-9 Basin, where an Individual Environmental Resources Permit from the South Florida Water Management District may be required. In addition, a Class II Permit from the Department of Environmental Resources Management must be obtained before construction of the proposed surface water management system or final plat approval.

SUMMARY

BASED ON THE FOREGOING, IT IS RECOMMENDED THAT A CLASS IV PERMIT BE APPROVED.

Evan Skornick, Wetland Resources Section Manager
Environmental Resources Regulation Division

Martha Garcia, Biologist 2
Wetland Resources Section

SO