



Florida Department of Environmental Protection

Northwest District
160 Governmental Center
Pensacola, Florida 32502-5794

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

October 22, 2008

SENT VIA E-MAIL

(pbyrne@ecua.org)

Emerald Coast Utilities Authority
Mr. Patrick L. Byrne, P.E.
Deputy Executive Director Utility Operations
401 West Government Street
Pensacola, FL 32502

Mr. Byrne:

This is to acknowledge receipt of your application for a minor revision to operating permit number FL0031801, for Bayou Marcus Water Reclamation Facility, located in Escambia County. We received the application on October 17, 2008 and assigned file number FL0031801-006-DW1/MR to the project. This letter is to advise you that your request is hereby approved.

This project was re-permitted with the permit renewal (FL0031801-003-DW1P/NR) which was issued on November 16, 2007. This revision will modify the discharge structure for the application system for the southern wetland portion of the receiving wetlands. The board walk structure previously permitted will be eliminated and the reclaimed water distribution line will be placed in the ground (Exhibit #1).

The expiration date and all other terms and conditions of the permit FL0031801 remain in effect. Attach this notice to other documents required to be kept as a part of this permit.

If you have any questions, please contact Jonathan May at (850) 595-8300, Ext. 1167. When referring to this project, please use the file number indicated.

Sincerely,

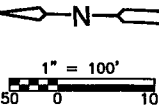
David P. Morres, P.E.
Program Administrator
Water Facilities

Attachment: Exhibit #1 - Reclaimed Water Distribution Line (Drawings 1 thru 7)

cc:

Beth Stoltz, P.E., Camp Dreser & McKee (stoltzzbk@cdm.com)
Lesley Keck, P.E., Emerald Coast Utilities Authority (lkeck@ecua.org)
Chair, Escambia County Board of County Commissioners, Gene Valentino
(district2@co.escambia.fl.us)
Escambia County Administrator, Bob McLaughlin (bob_mclaughlin@co.escambia.fl.us)
Keith Wilkins, County Administrator (keith_wilkins@co.escambia.fl.us)
Doyle Butler (Doyle_Butler@co.escambia.fl.us)
Environmental Health Director, Escambia County Public Health Department
(robert_merritt@doh.state.fl.us)
Shanin Speas-Frost – DEP Tallahassee (shanin.speasfrost@dep.state.fl.us)
Greg Smith, DEP, Pensacola (greg.smith@dep.state.fl.us)

EXHIBIT #1



REV. NO.	DATE	DRWN	CHKD	REMARKS

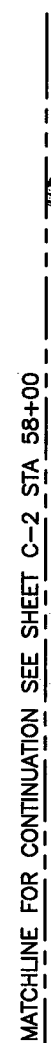
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DRAWN BY: P. ANDUZE
SHEET CHK'D BY: J. HOFFMAN
CROSS CHK'D BY: J. LADNER
APPROVED BY: B. STOLTZ
DATE: OCTOBER 2008

CDM
Camp Dresser & McKee.
701 Jenkins Avenue
Panama City, FL 32401
Tel: (850) 785-5999
FL COA No. EB-0000020

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EMERALD COAST UTILITIES AUTHORITY
BAYOU MARCUS
SOUTHERN WETLANDS
APPLICATION SYSTEM EXPANSION

HORIZONTAL CONTROL PLAN



SEE SHEETS C-4, C-5 AND
C-6 FOR PIPE INFORMATION

BLUE ANGEL PARKWAY

-R/W-

L13

SITE BENCHMARK
N:528014.49
E:1077113.39
EL 20.02 NAVD 88

BASELINE ALIGNMENT DATA TABLE						
LINE #	BEARING	DISTANCE	START STATION	END STATION	START POINT	END POINT
L12	S17° 49' 10.29"W	216.66	57+42.58	59+59.24	N53077.05 E1077598.05	N530520.78 E1077531.75
L13	S24° 37' 24.22"W	2612.34	59+59.24	85+71.58	N530520.78 E1077531.75	N528145.95 E1076443.3

END PROJECT
Station=85+71.58

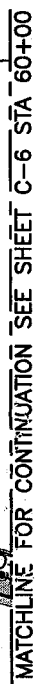
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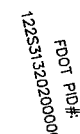
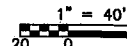
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SOUTHERN WETLANDS
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HORIZONTAL CONTROL PLAN



SITE PLAN
STA. 33+50 TO STA. 60+00



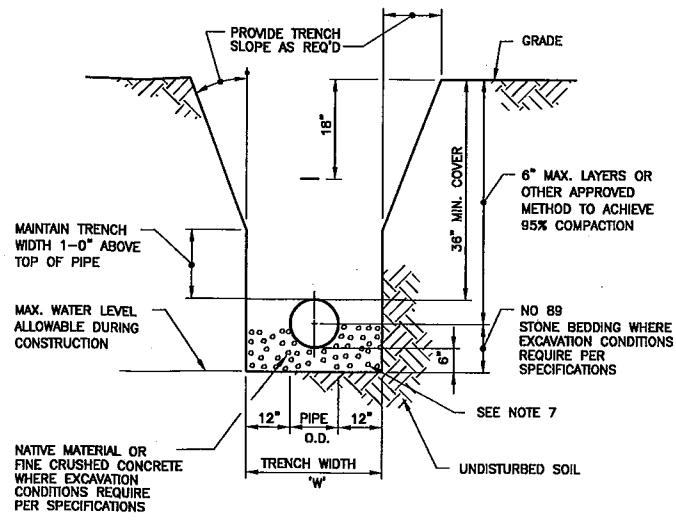
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SITE PLAN
STA. 60+00 TO STA. 85+72

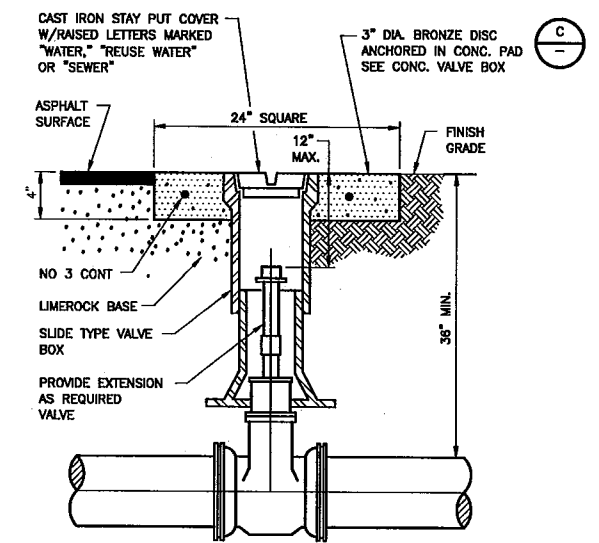
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- NOTES:
1. WHERE SOIL CONDITIONS CAN NOT BE MAINTAINED AS SHOWN ABOVE, PROVIDE ALTERNATE METHOD OF CONSTRUCTION TO COMPLY WITH THE FLORIDA TRENCH SAFETY ACT.
 2. SHEETING WILL BE REQUIRED AS DETERMINED IN THE FIELD.
 3. COMPACTION PERCENTAGES SHOWN REFER TO A.A.S.H.T.O. T-180.
 4. FOR PVC AND HDPE PIPE - INSTALL MINIMUM 12-GAUGE TRACE WIRE OVER FULL LENGTH OF PIPE. SEE SPECIFICATIONS.
 5. WHEREVER POSSIBLE, USE IN-SITU MATERIAL FOR BACK FILL AND BEDDING. THE BACK FILL MATERIAL SHALL HAVE NO MORE THAN 15 PERCENT PASSING THE NUMBER 200 SIEVE.
 6. ALL PIPE SHALL BE BURIED WITH IDENTIFICATION TAPE ABOVE THE TOP OF THE PIPE.
 7. NO. 89 STONE BEDDING 6 INCHES BELOW INVERT TO SPRINGLINE WHERE EXCAVATION CONDITIONS REQUIRE PER SPECIFICATIONS.

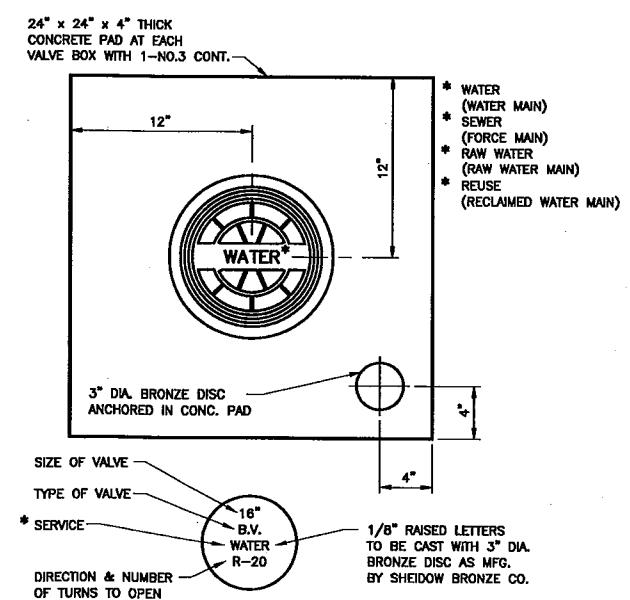
(UNPAVED AREAS)
TRENCH DETAIL
NTS

DETAIL A
NTS

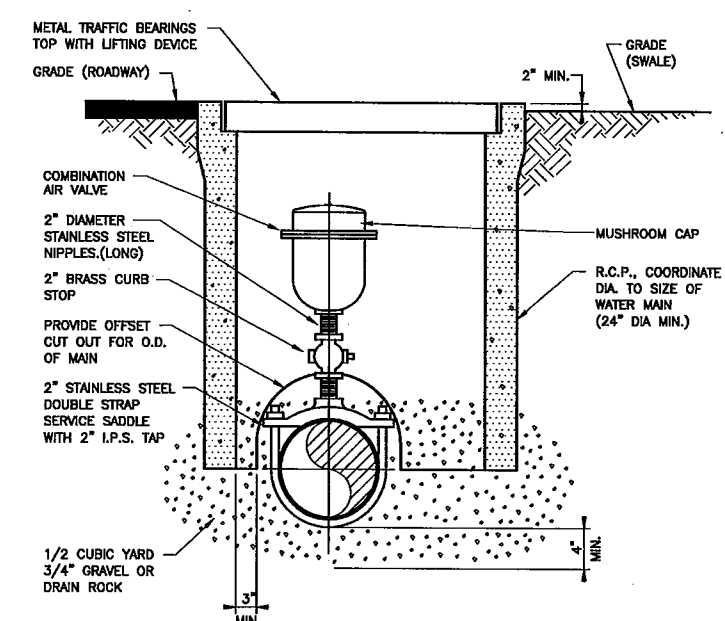


VERTICAL GATE VALVE AND BOX

DETAIL B
NTS



CONCRETE VALVE PAD/IDENT. DISC.
NTS



NOTE:
INSTALL IN LOCATIONS AS DIRECTED BY THE ENGINEER IN FIELD.

AIR RELEASE VALVE

DETAIL D
NTS

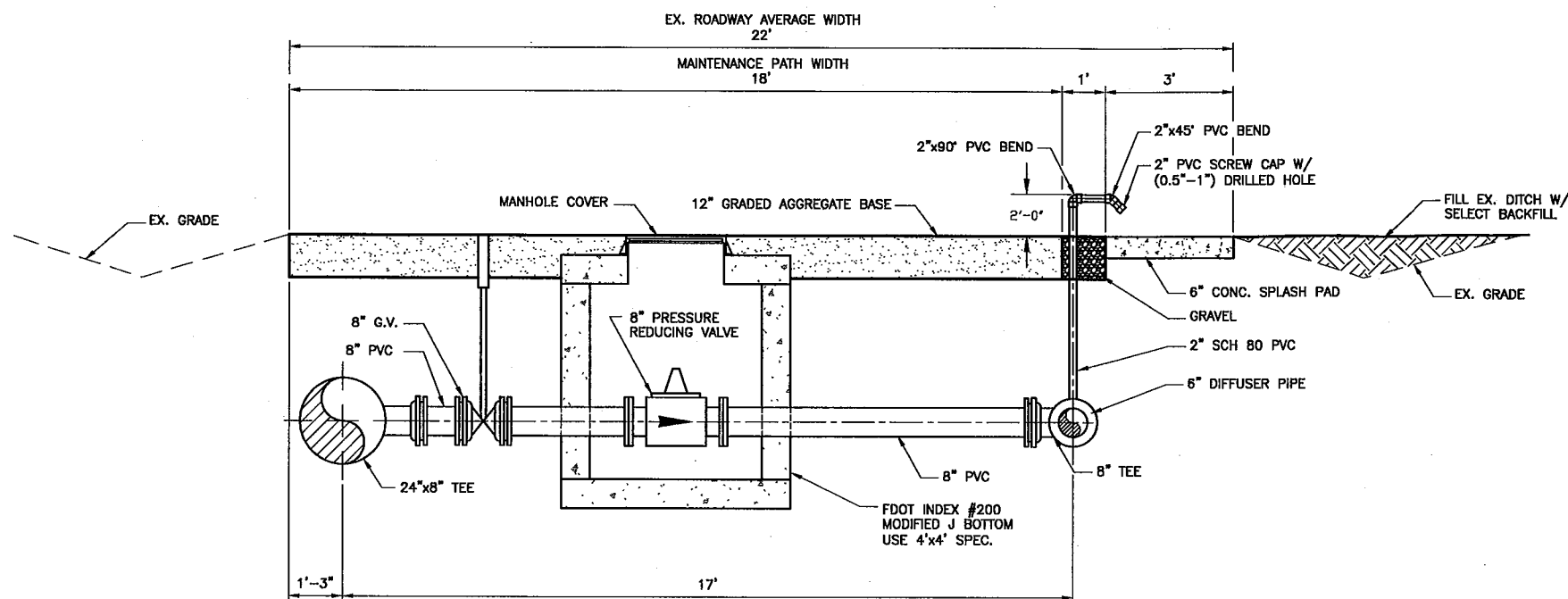
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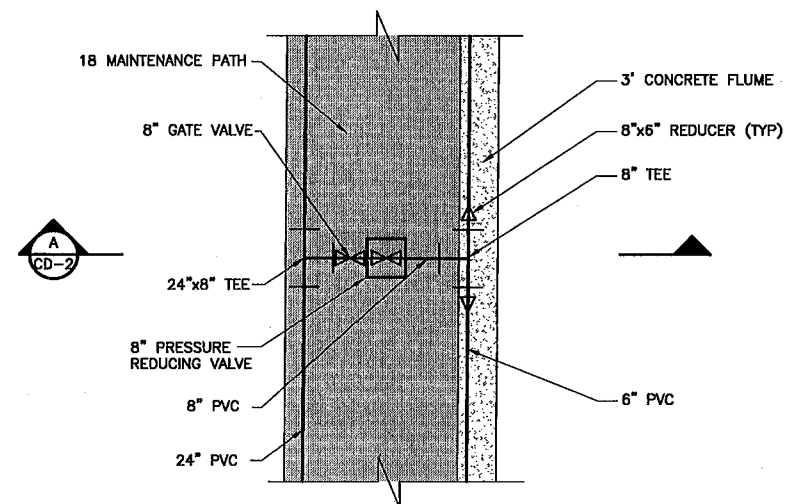
EMERALD COAST UTILITIES AUTHORITY
BAYOU MARCUS
SOUTHERN WETLANDS
APPLICATION SYSTEM EXPANSION

MISCELLANEOUS DETAILS



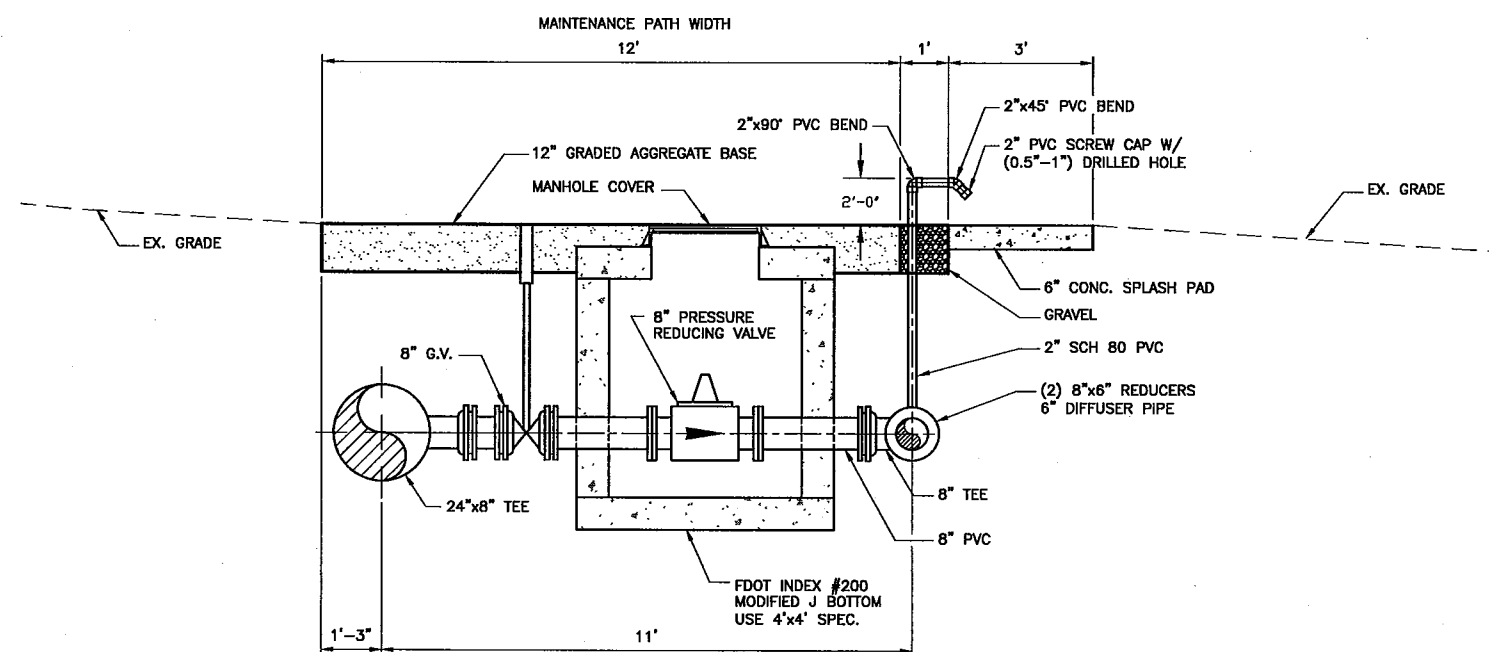
CROSS-SECTION OF DISTRIBUTION SYSTEM ALONG EXIST. ACCESS ROAD

SECTION A
6" = 1'-0"



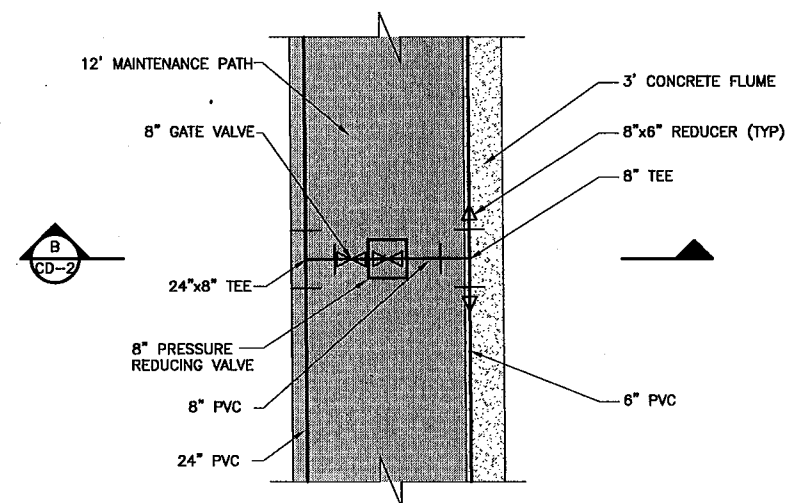
DISTRIBUTION LINE CROSSING EXIST. ACCESS ROAD

PLAN
1" = 10'-0"



CROSS-SECTION OF DISTRIBUTION SYSTEM BEYOND EXIST. ACCESS ROAD

SECTION B
6" = 1'-0"



DISTRIBUTION LINE CROSSING ACCESS ROAD

PLAN
1" = 10'-0"

Xref: [CDN_2436, C-BASE, CE-BASE, C-PIPE-BASE,] Images: []
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