



**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ENVIRONMENTAL RESOURCE
STANDARD GENERAL PERMIT NO. 47-00960-P
DATE ISSUED: January 13, 2009**

Form #0941
08/95

PERMITTEE: OKEECHOBEE COUNTY
304 N W 2ND STREET
OKEECHOBEE, FL 34972

PROJECT DESCRIPTION: Construction and operation of a surface water management system to serve an 89 acre project known as Southwest Drainage Area Improvements.

PROJECT LOCATION: OKEECHOBEE COUNTY, SEC 28 TWP 37S RGE 35E

PERMIT DURATION: See Special Condition No:1. See attached Rule 40E-4.321, Florida Administrative Code.

This is to notify you of the District's agency action concerning Notice of Intent for Permit Application No. 080828-10, dated August 28, 2008. This action is taken pursuant to Rule 40E-1.603 and Chapter 40E-40, Florida Administrative Code (F.A.C.).

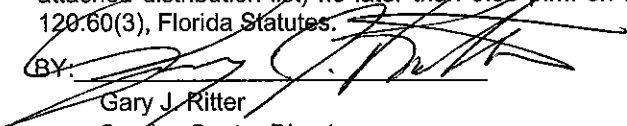
Based on the information provided, District rules have been adhered to and an Environmental Resource General Permit is in effect for this project subject to:

1. Not receiving a filed request for a Chapter 120, Florida Statutes, administrative hearing.
2. the attached 19 General Conditions (See Pages : 2 - 4 of 6),
3. the attached 13 Special Conditions (See Pages : 5 - 6 of 6) and
4. the attached 2 Exhibit(s)

Should you object to these conditions, please refer to the attached "Notice of Rights" which addresses the procedures to be followed if you desire a public hearing or other review of the proposed agency action. Please contact this office if you have any questions concerning this matter. If we do not hear from you in accordance with the "Notice of Rights," we will assume that you concur with the District's action.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a "Notice of Rights" has been mailed to the Permittee (and the persons listed in the attached distribution list) no later than 5:00 p.m. on this 13th day of January, 2009, in accordance with Section 120.60(3), Florida Statutes.

BY: 

Gary J. Ritter
Service Center Director
Okeechobee Service Center

Certified mail number 7155 5474 4100 7795 2791

GENERAL CONDITIONS

1. All activities authorized by this permit shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit and Part IV, Chapter 373, F.S.
2. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.
3. Activities approved by this permit shall be conducted in a manner which does not cause violations of State water quality standards. The permittee shall implement best management practices for erosion and pollution control to prevent violation of State water quality standards. Temporary erosion control shall be implemented prior to and during construction, and permanent control measures shall be completed within 7 days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into the receiving waterbody exists due to the permitted work. Turbidity barriers shall remain in place at all locations until construction is completed and soils are stabilized and vegetation has been established. All practices shall be in accordance with the guidelines and specifications described in Chapter 6 of the Florida Land Development Manual; A Guide to Sound Land and Water Management (Department of Environmental Regulation, 1988), incorporated by reference in Rule 40E-4.091, F.A.C. unless a project-specific erosion and sediment control plan is approved as part of the permit. Thereafter the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.
4. The permittee shall notify the District of the anticipated construction start date within 30 days of the date that this permit is issued. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District an Environmental Resource Permit Construction Commencement Notice Form Number 0960 indicating the actual start date and the expected construction completion date.
5. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an annual status report form. Status report forms shall be submitted the following June of each year.
6. Within 30 days after completion of construction of the permitted activity, the permittee shall submit a written statement of completion and certification by a professional engineer or other individual authorized by law, utilizing the supplied Environmental Resource/Surface Water Management Permit Construction Completion/Certification Form Number 0881A, or Environmental Resource/Surface Water Management Permit Construction Completion Certification - For Projects Permitted prior to October 3, 1995 Form No. 0881B, incorporated by reference in Rule 40E-1.659, F.A.C. The statement of completion and certification shall be based on onsite observation of construction or review of as-built drawings for the purpose of determining if the work was completed in compliance with permitted plans and specifications. This submittal shall serve to notify the District that the system is ready for inspection. Additionally, if deviation from the approved drawings are discovered during the certification process, the certification must be accompanied by a copy of the approved permit drawings with deviations noted. Both the original and revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawings. All surveyed dimensions and elevations shall be certified by a registered surveyor.
7. The operation phase of this permit shall not become effective: until the permittee has complied with the requirements of condition (6) above, and submitted a request for conversion of Environmental Resource Permit from Construction Phase to Operation Phase, Form No. 0920; the District determines the system to be in compliance with the permitted plans and specifications; and the entity approved by the District in accordance with Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit

GENERAL CONDITIONS

Applications within the South Florida Water Management District, accepts responsibility for operation and maintenance of the system. The permit shall not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall initiate transfer of the permit to the approved responsible operating entity if different from the permittee. Until the permit is transferred pursuant to Section 40E-1.6107, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

8. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of the phase or portion of the system to a local government or other responsible entity.
9. For those systems that will be operated or maintained by an entity that will require an easement or deed restriction in order to enable that entity to operate or maintain the system in conformance with this permit, such easement or deed restriction must be recorded in the public records and submitted to the District along with any other final operation and maintenance documents required by Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit applications within the South Florida Water Management District, prior to lot or units sales or prior to the completion of the system, whichever comes first. Other documents concerning the establishment and authority of the operating entity must be filed with the Secretary of State, county or municipal entities. Final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local government entity. Failure to submit the appropriate final documents will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system and any other permit conditions.
10. Should any other regulatory agency require changes to the permitted system, the permittee shall notify the District in writing of the changes prior to implementation so that a determination can be made whether a permit modification is required.
11. This permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and Chapter 40E-4 or Chapter 40E-40, F.A.C..
12. The permittee is hereby advised that Section 253.77, F.S. states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the State, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.
13. The permittee must obtain a Water Use permit prior to construction dewatering, unless the work qualifies for a general permit pursuant to Subsection 40E-20.302(3), F.A.C., also known as the "No Notice" Rule.
14. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the permit.
15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit

GENERAL CONDITIONS

application, including plans or other supporting documentation, shall not be considered binding, unless a specific condition of this permit or a formal determination under Section 373.421(2), F.S., provides otherwise.

16. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of a permitted system or the real property on which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rules 40E-1.6105 and 40E-1.6107, F.A.C.. The permittee transferring the permit shall remain liable for corrective actions that may be required as a result of any violations prior to the sale, conveyance or other transfer of the system.
17. Upon reasonable notice to the permittee, District authorized staff with proper identification shall have permission to enter, inspect, sample and test the system to insure conformity with the plans and specifications approved by the permit.
18. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the appropriate District service center.
19. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

SPECIAL CONDITIONS

1. The construction phase of this permit shall expire on January 13, 2014.
2. Operation of the surface water management system shall be the responsibility of the permittee.
3. Discharge Facilities:

Structure: CS No. 1
1-6' WIDE SHARP CRESTED weir with crest at elev. 16.5' NGVD 29.
Receiving body : SW 28th St Ditch
Control elev : 16.5 feet NGVD 29.

Structure: CS No. 2
1-7' WIDE SHARP CRESTED weir with crest at elev. 16.5' NGVD 29.
Receiving body : Durrance Rd Ditch
Control elev : 16.5 feet NGVD 29.
4. The permittee shall be responsible for the correction of any erosion, shoaling or water quality problems that result from the construction or operation of the surface water management system.
5. Measures shall be taken during construction to insure that sedimentation and/or turbidity violations do not occur in the receiving water.
6. The District reserves the right to require that additional water quality treatment methods be incorporated into the drainage system if such measures are shown to be necessary.
7. Facilities other than those stated herein shall not be constructed without an approved modification of this permit.
8. A stable, permanent and accessible elevation reference shall be established on or within one hundred (100) feet of all permitted discharge structures no later than the submission of the certification report. The location of the elevation reference must be noted on or with the certification report.
9. The permittee shall provide routine maintenance of all of the components of the surface water management system in order to remove all trapped sediments/debris. All materials shall be properly disposed of as required by law. Failure to properly maintain the system may result in adverse flooding conditions.
10. This permit is issued based on the applicant's submitted information which reasonably demonstrates that adverse water resource related impacts will not be caused by the completed permit activity. Should any adverse impacts caused by the completed surface water management system occur, the District will require the permittee to provide appropriate mitigation to the District or other impacted party. The District will require the permittee to modify the surface water management system, if necessary, to eliminate the cause of the adverse impacts.
11. The permittee acknowledges, that pursuant to Rule 40E-4.101(2), F.A.C., a notice of Environmental Resource or Surface Water Management Permit may be recorded in the county public records. Pursuant to the specific language of the rule, this notice shall not be considered an encumbrance upon the property.
12. If prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, the permitted project should cease all activities involving subsurface disturbance in the immediate vicinity of such discoveries. The permittee, or other designee, should contact the Florida Department of State, Division of Historical Resources, Review and Compliance Section at (850) 245-6333 or (800) 847-7278, as well as

SPECIAL CONDITIONS

the appropriate permitting agency office. Project activities should not resume without verbal and/or written authorization from the Division of Historical Resources. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, Florida Statutes.

13. Prior to the commencement of construction, the permittee shall conduct a pre-construction meeting with field representatives, contractors and District staff. The purpose of the meeting will be to discuss construction methods and sequencing, including [type and location of turbidity and erosion controls to be implemented during construction, mobilization and staging of contractor equipment, phasing of construction, methods of vegetation clearing, construction dewatering if required, ownership documentation for eminent domain authority, coordination with other entities on adjacent construction projects, wetland/buffer protection methods, endangered species protection] with the permittee and contractors. The permittee shall contact District Environmental Resource Compliance staff from the Okeechobee Service Center at (863)462-5260 to schedule the pre-construction meeting.
14. Silt screens, hay bales, turbidity screens/barriers or other such sediment control measures shall be utilized during construction. The selected sediment control measures shall be installed prior to the commencement of construction in or adjacent to other surface waters in accordance with Exhibit No. 2.2 and shall remain in place until all adjacent construction is completed. All areas shall be stabilized and vegetated immediately after construction to prevent erosion into the surface waters.
15. The District reserves the right to require remedial measures to be taken by the permittee if monitoring or other information demonstrates that adverse impacts to onsite or offsite wetlands, upland conservation areas or buffers, or other surface waters have occurred due to project related activities.

ENVIRONMENTAL RESOURCE PERMITS CHAPTER 40E-4 (01/07)

40E-4.321 Duration of Permits.

(1) Unless revoked or otherwise modified the duration of an environmental resource permit issued under this chapter or Chapter 40E-40, F.A.C., is as follows:

(a) For a conceptual approval, two years from the date of issuance or the date specified as a condition of the permit, unless within that period an application for an individual or standard general permit is filed for any portion of the project. If an application for an environmental resource permit is filed, then the conceptual approval remains valid until final action is taken on the environmental resource permit application. If the application is granted, then the conceptual approval is valid for an additional two years from the date of issuance of the permit. Conceptual approvals which have no individual or standard general environmental resource permit applications filed for a period of two years shall expire automatically at the end of the two year period.

(b) For a conceptual approval filed concurrently with a development of regional impact (DRI) application for development approval (ADA) and a local government comprehensive plan amendment, the duration of the conceptual approval shall be two years from whichever one of the following occurs at the latest date:

1. The effective date of the local government's comprehensive plan amendment,
2. The effective date of the local government development order,
3. The date on which the District issues the conceptual approval, or 4. The date on which the District issues a final order pertaining to the resolution of any Section 120.57, F.S., administrative proceeding or other legal appeals.

(c) For an individual or standard general environmental resource permit, the construction phase authorizing construction, removal, alteration or abandonment of a system shall expire five years from the date of issuance or such amount of time as made a condition of the permit.

(d) For an individual or standard general environmental resource permit, the operational phase of the permit is perpetual for operation and maintenance.

(e) For a noticed general permit issued pursuant to Chapter 40E-400, F.A.C., five years from the date the notice of intent to use the permit is provided to the District.

(2)(a) Unless prescribed by special permit condition, permits expire automatically according to the timeframes indicated in this rule. If application for extension is made by electronic mail at the District's e-Permitting website or in writing pursuant to subsection (3), the permit shall remain in full force and effect until:

1. The Governing Board takes action on an application for extension of an individual permit, or
2. Staff takes action on an application for extension of a standard general permit.

(b) Installation of the project outfall structure shall not constitute a vesting of the permit.

(3) The permit extension shall be issued provided that a permittee files a written request with the District showing good cause prior to the expiration of the permit. For the purpose of this rule, good cause shall mean a set of extenuating circumstances outside of the control of the permittee. Requests for extensions, which shall include documentation of the extenuating circumstances and how they have delayed this project, will not be accepted more than 180 days prior to the expiration date.

(4) Substantial modifications to Conceptual Approvals will extend the duration of the Conceptual Approval for two years from the date of issuance of the modification. For the purposes of this section, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different water resource or environmental impacts which require a detailed review.

(5) Substantial modifications to individual or standard general environmental resource permits issued pursuant to a permit application extend the duration of the permit for three years from the date of issuance of the modification. Individual or standard general environmental resource permit modifications do not extend the duration of a conceptual approval.

(6) Permit modifications issued pursuant to paragraph 40E-4.331(2)(b), F.A.C. (letter modifications) do not extend the duration of the permit.

(7) Failure to complete construction or alteration of the surface water management system and obtain operation phase approval from the District within the permit duration shall require a new permit authorization in order to continue construction unless a permit extension is granted.

Specific Authority 373.044, 373.113, 668.003, 668.004, 668.50 FS. Law Implemented 373.413, 373.416, 373.419, 373.426, 668.003, 668.004, 668.50 FS. History-New 9-3-81, Amended 1-31-82, 12-1-82, Formerly 16K-4.07(4), Amended 7-1-86, 4-20-94, 10-3-95, 5-28-00, 10-1-06.

NOTICE OF RIGHTS

As required by Sections 120.569(1), and 120.60(3), Fla. Stat., following is notice of the opportunities which may be available for administrative hearing or judicial review when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Not all the legal proceedings detailed below may be an applicable or appropriate remedy. You may wish to consult an attorney regarding your legal rights.

RIGHT TO REQUEST ADMINISTRATIVE HEARING

A person whose substantial interests are or may be affected by the South Florida Water Management District's (SFWMD or District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569 and 120.57, Fla. Stat. Persons seeking a hearing on a District decision which does or may determine their substantial interests shall file a petition for hearing with the District Clerk within 21 days of receipt of written notice of the decision, unless one of the following shorter time periods apply: 1) within 14 days of the notice of consolidated intent to grant or deny concurrently reviewed applications for environmental resource permits and use of sovereign submerged lands pursuant to Section 373.427, Fla. Stat.; or 2) within 14 days of service of an Administrative Order pursuant to Subsection 373.119(1), Fla. Stat. "Receipt of written notice of agency decision" means receipt of either written notice through mail, or electronic mail, or posting that the District has or intends to take final agency action, or publication of notice that the District has or intends to take final agency action. Any person who receives written notice of a SFWMD decision and fails to file a written request for hearing within the timeframe described above waives the right to request a hearing on that decision.

Filing Instructions

The Petition must be filed with the Office of the District Clerk of the SFWMD. Filings with the District Clerk may be made by mail, hand-delivery or facsimile. **Filings by e-mail will not be accepted.** Any person wishing to receive a clerked copy with the date and time stamped must provide an additional copy. A petition for administrative hearing is deemed filed upon receipt during normal business hours by the District Clerk at SFWMD headquarters in West Palm Beach, Florida. Any document received by the office of the SFWMD Clerk after 5:00 p.m. shall be filed as of 8:00 a.m. on the next regular business day. Additional filing instructions are as follows:

- Filings by mail must be addressed to the Office of the SFWMD Clerk, P.O. Box 24680, West Palm Beach, Florida 33416.
- Filings by hand-delivery must be delivered to the Office of the SFWMD Clerk. **Delivery of a petition to the SFWMD's security desk does not constitute filing. To ensure proper filing, it will be necessary to request the SFWMD's security officer to contact the Clerk's office.** An employee of the SFWMD's Clerk's office will receive and file the petition.
- Filings by facsimile must be transmitted to the SFWMD Clerk's Office at (561) 682-6010. Pursuant to Subsections 28-106.104(7), (8) and (9), Fla. Admin. Code, a party who files a document by facsimile represents that the original physically signed document will be retained by that party for the duration of that proceeding and of any subsequent appeal or subsequent proceeding in that cause. Any party who elects to file any document by facsimile shall be responsible for any delay, disruption, or interruption of the electronic signals and accepts the full risk that the document may not be properly filed with the clerk as a result. The filing date for a document filed by facsimile shall be the date the SFWMD Clerk receives the complete document.

Initiation of an Administrative Hearing

Pursuant to Rules 28-106.201 and 28-106.301, Fla. Admin. Code, initiation of an administrative hearing shall be made by written petition to the SFWMD in legible form and on 8 and 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, District file number or any other SFWMD identification number, if known.
2. The name, address and telephone number of the petitioner and petitioner's representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the SFWMD's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the SFWMD's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the SFWMD's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the SFWMD to take with respect to the SFWMD's proposed action.

A person may file a request for an extension of time for filing a petition. The SFWMD may, for good cause, grant the request. Requests for extension of time must be filed with the SFWMD prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and that the SFWMD and any other parties agree to or oppose to the extension. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

If the District's Governing Board takes action with substantially different impacts on water resources from the notice of intended agency decision, the persons who may be substantially affected shall have an additional point of entry pursuant to Rule 28-106.111, Fla. Admin. Code, unless otherwise provided by law.

Mediation

The procedures for pursuing mediation are set forth in Section 120.573, Fla. Stat., and Rules 28-106.111 and 28-106.401-.405, Fla. Admin. Code. The SFWMD is not proposing mediation for this agency action under Section 120.573, Fla. Stat., at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Sections 120.60(3) and 120.68, Fla. Stat., a party who is adversely affected by final SFWMD action may seek judicial review of the SFWMD's final decision by filing a notice of appeal pursuant to Florida Rule of Appellate Procedure 9.110 in the Fourth District Court of Appeal or in the appellate district where a party resides and filing a second copy of the notice with the SFWMD Clerk within 30 days of rendering of the final SFWMD action.

Last Date For Agency Action: 13-JAN-2009

GENERAL ENVIRONMENTAL RESOURCE PERMIT STAFF REPORT

Project Name: Southwest Drainage Area Improvements

Permit No.: 47-00960-P

Application No.: 080828-10

Application Type: Environmental Resource (New General Permit)

Location: Okeechobee County, S28/T37S/R35E

Permittee : Okeechobee County

Operating Entity : Okeechobee County

Project Area: 89.00 acres

Project Land Use: Government
Roadway
Other

Special Drainage District: NA

Conservation Easement To District : No

Sovereign Submerged Lands: No

PROJECT PURPOSE: ~~CONFIDENTIAL INFORMATION~~

This application is a request for an Environmental Resource Permit to authorize construction and operation of a surface water management system to serve 89 acres of county roads and mixed-use developments. Staff recommends approval with conditions.

PROJECT EVALUATION:**PROJECT SITE DESCRIPTION:**

The site is located in Okeechobee County from Durrance Road (32nd Street) north to near SW 21st Street and from US 441 to approximately 500 feet west of the intersection of SW 7th Avenue and SW 28th Street (Wolff Road). Two schools, Osceola Middle School and South Elementary School, are used as storm shelters for the county residents and are accessed through this area along SW 28th Street (Wolff Road).

SW 3rd Terrace was previously permitted under Permit 47-00073-S as the main road through Northlake Business Park. The stormwater management system in the remainder of the county owned right-of-way was not previously permitted.

Existing permits (47-00426-S, 47-00725-P, 47-00528-P, and 47-00841-P) cover other developed parcels within the project area. No changes are proposed to the previously permitted surface water management systems. There are no wetlands located within or affected by the proposed project.

PROPOSED PROJECT:

Following the hurricanes of 2004 and 2005, Okeechobee County developed a Stormwater Master Plan that identified and determined corrective action plans for flood prone areas of the county. The improvements identified in that plan were designed to retrofit existing stormwater systems to address water quality and quantity concerns to the maximum extent possible. The implementation of the plan will be partially funded under the Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP) under the Hurricane Wilma Disaster Event. This application includes implementation of some of the improvements identified in that plan.

Authorization is requested to construct modifications to an existing surface water management system within the area identified in the master plan as the Southwest Drainage Area. The stormwater retrofit project will include widening the existing ditches to provide water quality treatment as well as additional flood protection for the mixed use urban neighborhood. The design will also include the installation of sediment control boxes (Downstream Defender).

WATER QUANTITY:**Discharge Rate :**

The project falls within the S-133 Basin which has a allowable discharge of 15.6 cubic feet per second per square mile. The project is part of a master drainage plan for Okeechobee County which was incorporated the allowable discharge rate for this basin. The applicant's engineer has demonstrated that the proposed improvements will not result in an increase in discharge rate from this area.

Control Elevation :

Basin	Area (Acres)	Ctrl Elev (ft, NGVD 29)	WSWT Ctrl Elev (ft, NGVD 29)	Method Of Determination
SW Drainage Area	89.00	16.5	16.50	Previously Permitted

Receiving Body :

Basin	Str.#	Receiving Body
Sw Drainage Area	CS No. 1	SW 28th St Ditch

Receiving Body :

Basin	Str.#	Receiving Body
Sw Drainage Area	CS No. 2	Durrance Rd Ditch

Discharge Structures: Note: The units for all the elevation values of structures are (ft, NGVD 29)

Weirs:

Basin	Str#	Count	Type	Width	Height	Length	Dia.	Elev.
SW Drainage Area	CS No. 1	1	Sharp Crested	6'				16.5 (crest)
SW Drainage Area	CS No. 2	1	Sharp Crested	7'				16.5 (crest)

WATER QUALITY :

No adverse water quality impacts are anticipated as a result of the proposed project. The applicant's engineer has determined that 81 of the 170 acres within the HGMP area are either previously permitted or currently undeveloped. Assuming that the existing permitted developments any future developments would be required to provide their own water quality treatment and storm attenuation; the remaining 89 developed acres have no water quality treatment provided. The proposed design provides the required water quality treatment volume for the area within the county's right-of-way as well as additional treatment volume for the adjacent developed areas. Water quality treatment will be provided by the improved ditch sections and the proposed Downstream Defenders (DD). Please see Exhibit 2.1 for details of the provided water quality treatment volume. Please see Exhibit 2.2 for details of the erosion control and pollution prevention plan.

CERTIFICATION AND MAINTENANCE OF THE WATER MANAGEMENT SYSTEM:

It is suggested that the permittee retain the services of a Professional Engineer registered in the State of Florida for periodic observation of construction of the surface water management (SWM) system. This will facilitate the completion of construction completion certification Form #0881 which is required pursuant to Section 10 of the Basis of Review for Environmental Resource Permit Applications within the South Florida Water Management District, and Rule 40E-4.361(2), Florida Administrative Code (F.A.C.).

Pursuant to Chapter 40E-4 F.A.C., this permit may not be converted from the construction phase to the operation phase until certification of the SWM system is submitted to and accepted by this District. Rule 40E-4.321(7) F.A.C. states that failure to complete construction of the SWM system and obtain operation phase approval from the District within the permit duration shall require a new permit authorization unless a permit extension is granted.

For SWM systems permitted with an operating entity who is different from the permittee, it should be noted that until the permit is transferred to the operating entity pursuant to Rule 40E-1.6107, F.A.C., the permittee is liable for compliance with the terms of this permit.

The permittee is advised that the efficiency of a SWM system will normally decrease over time unless the system is periodically maintained. A significant reduction in flow capacity can usually be attributed to partial blockages of the conveyance system. Once flow capacity is compromised, flooding of the project may result. Maintenance of the SWM system is required to protect the public health, safety and the natural resources of the state. Therefore, the permittee must have periodic inspections of the SWM system performed to ensure performance for flood protection and water quality purposes. If deficiencies are found, it is the responsibility of the permittee to correct these deficiencies in a timely manner.

RELATED CONCERNS:

Water Use Permit Status:

The applicant has indicated that irrigation is not proposed as part of this project. The applicant has also indicated that dewatering is not anticipated for construction of this project.

This permit does not release the permittee from obtaining all necessary Water Use authorization(s) prior to the commencement of activities which will require such authorization, including construction dewatering and irrigation, unless the work qualifies for a No-Notice Short-Term Dewatering permit pursuant to Chapter 40E-20.302(3) or is exempt pursuant to Section 40E-2.051, FAC.

CERP:

The proposed project is not located within or adjacent to a Comprehensive Everglades Restoration Project component.

Potable Water Supplier:

Not applicable

Waste Water System/Supplier:

Not applicable.

Right-Of-Way Permit Status:

A District Right-of-Way Permit is not required for this project.

DRI Status:

This project is not a DRI.

Historical/Archeological Resources:

On September 18, 2008, the District received a letter from the Florida Department of State, Division of Historical Resources requesting that a special condition be added to the Environmental Resource Permit regarding unexpected discoveries during ground disturbing activities on the property. The requested condition has been added as Special Condition 12.

DCA/CZM Consistency Review:

The District has not received a finding of inconsistency from the Florida Department of Environmental Protection or other commenting agencies regarding the provisions of the federal Coastal Zone Management Plan.

Third Party Interest:

No third party has contacted the District with concerns about this application.

Enforcement:

There has been no enforcement activity associated with this application.

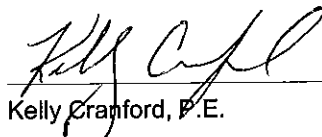
STAFF REVIEW:

NATURAL RESOURCE MANAGEMENT:

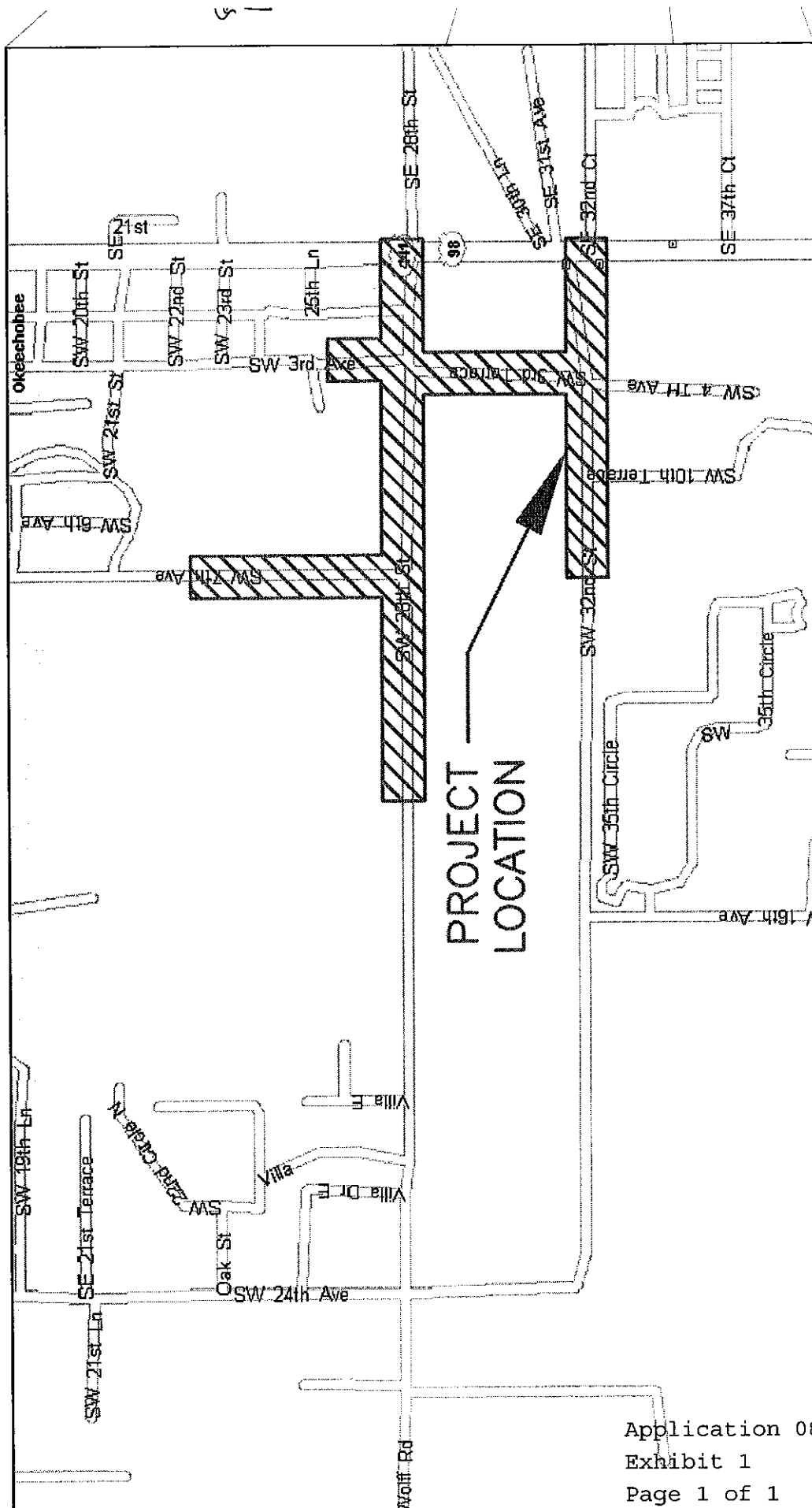
for 
Melinda Parrott

DATE: January 7, 2009

SURFACE WATER MANAGEMENT:


Kelly Cranford, P.E.

DATE: Jan 07, 2009



(Section 4.2.4.5, Basis of Review). The proposed modifications appear to result in an increased conveyance rates to Lake Okeechobee without providing additional water quality treatment.

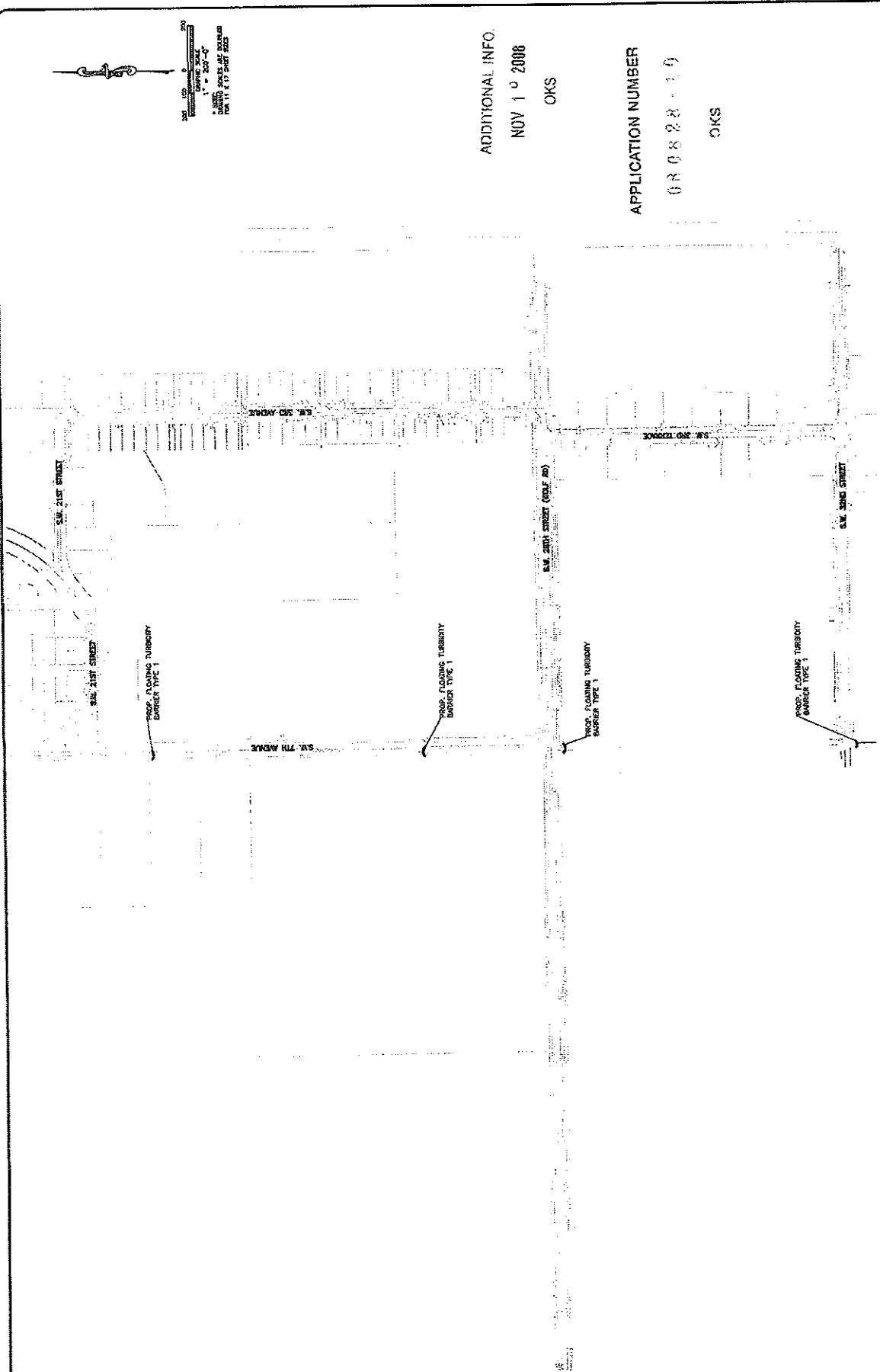
CAS Response: The existing discharges to Whidden Ditch receive no formal methods of treatment. Due to the nature of stormwater retrofit projects, it is often difficult to achieve 100% water quality treatment within public rights-of-way alone for a large drainage area that includes privately and publicly owned lands. The immediate HGMP area is estimated to be 170 acres. When excluding the previously permitted projects and undeveloped parcels, we estimated that 89 acres would need treatment. This includes the County ROW and existing residential/commercial areas. The proposed treatment train includes dry detention and dry retention in the soon to be expanded road side swales along SW 28th Street and SW 32nd Street and advanced treatment technologies as shown in the original spreadsheet calculations. A water quality treatment summary was provided in these calculations and is shown herein.

Table 1

Table 1

(1) WATER QUALITY TREATMENT SUMMARIES (ROADS ONLY):						(2) WATER QUALITY TREATMENT SUMMARIES (NET HMGP AREA):					
REGULATORY TREATMENT VOLUME FOR ROAD AREA:	1.11	AC-FT				REGULATORY TREATMENT VOLUME FOR HMGP AREA:	7.39	AC-FT			
ROADSIDE SWALE =	1.67	AC-FT				ROADSIDE SWALE =	1.67	AC-FT			
DOWNSTREAM DEFENDER	1.05	AC-FT	@ 90% REMOVAL WITH LOWER DISCHARGE RATE			DOWNSTREAM DEFENDER	1.05	AC-FT	@ 90% REMOVAL WITH HIGHER DISCHARGE RATE		
TOTAL TREATMENT PROVIDED =	2.72	AC-FT				TOTAL TREATMENT PROVIDED =	2.72	AC-FT			
(1) PERCENT ROAD VOLUME TREATED:	2.72	X	100%	=	245%	THIS TREATMENT IS AN IMPROVEMENT OVER THE EXISTING CONDITION WHICH HAD NO PREVIOUS TREATMENT.					
	1.11										
(2) PERCENT NET HMGP AREA VOLUME TREATED:	2.72	X	100%	=	37%	THIS TREATMENT IS AN IMPROVEMENT OVER THE EXISTING CONDITION WHICH HAD NO PREVIOUS TREATMENT.					
	7.39										
ESSENTIALLY, AN OVERALL IMPROVEMENT IS ACHIEVED FROM A WATER QUALITY STANDPOINT. HOWEVER, THE COUNTY WILL CONTINUE TO PURSUE OTHER OPTIONS IN THE FUTURE PER THE STORMWATER MASTER PLAN AS FUNDING OPPORTUNITIES ALLOW.											

Application 080828-10
 Exhibit 2.2
 Page 1 of 29

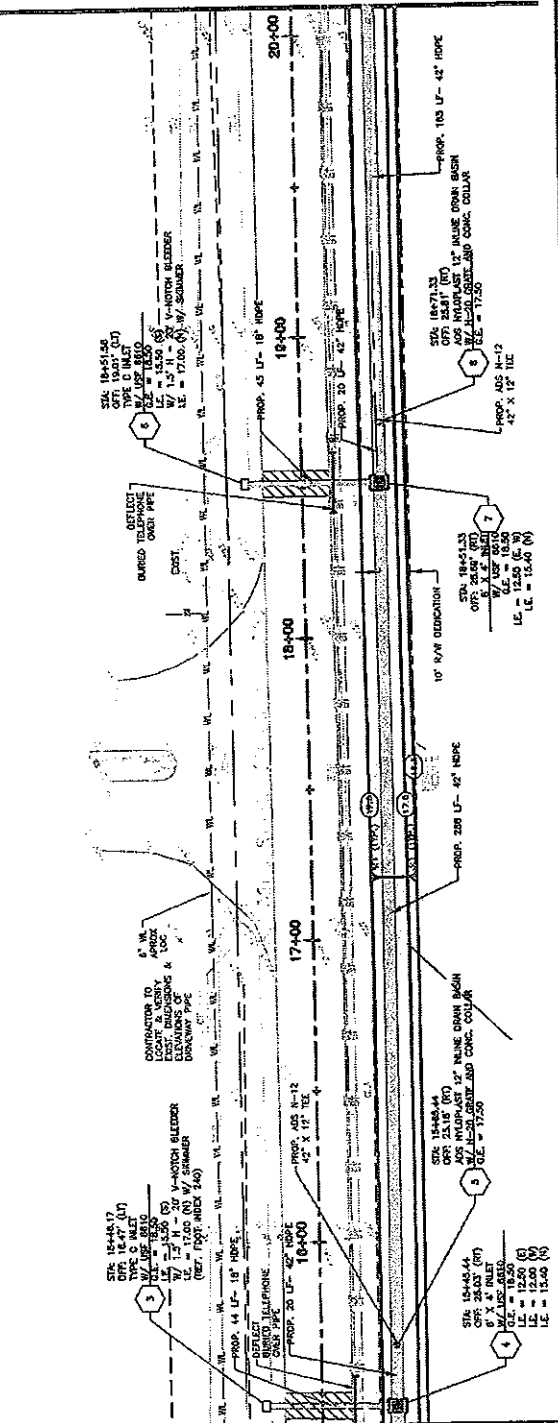


ADDITIONAL INFO:
 NOV 10 2008
 OKS

APPLICATION NUMBER
 080828-10
 OKS

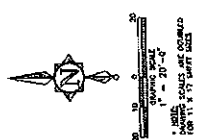
PREPARED FOR: OKEECHOBEE COUNTY POLLUTION PREVENTION PLAN		FILE NAME: 04-0828-04-APP.dwg LAST MOD: 10/17/08 - 1:25pm SCALE: AS SHOWN	SHEET: G-04
PROJECT: SW DRAINAGE IMPROVEMENTS		PROJECT: 00-0803-429	
PREPARED BY: CRAIG A. SMITH & ASSOCIATES CONSULTING ENGINEERS AND ARCHITECTS 700 W. WALKER BLVD., SUITE 300 OKEECHOBEE, FL 33445 PHONE: (888) 888-8888 FAX: (888) 888-8888 EMAIL: CSM@CAS-FL.COM WWW.CAS-FL.COM			
APPROVED BY: [Signature] DATE: 11/14/08 PROJECT NO.: 080828-10		DATE: 10/28/08 DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature]	
NO. DATE 1 11/14/08 2 11/14/08 3 11/14/08 4 11/14/08 5 11/14/08 6 11/14/08 7 11/14/08 8 11/14/08 9 11/14/08 10 11/14/08 11 11/14/08 12 11/14/08 13 11/14/08 14 11/14/08 15 11/14/08 16 11/14/08 17 11/14/08 18 11/14/08 19 11/14/08 20 11/14/08 21 11/14/08 22 11/14/08 23 11/14/08 24 11/14/08 25 11/14/08 26 11/14/08 27 11/14/08 28 11/14/08 29 11/14/08 30 11/14/08 31 11/14/08 32 11/14/08 33 11/14/08 34 11/14/08 35 11/14/08 36 11/14/08 37 11/14/08 38 11/14/08 39 11/14/08 40 11/14/08 41 11/14/08 42 11/14/08 43 11/14/08 44 11/14/08 45 11/14/08 46 11/14/08 47 11/14/08 48 11/14/08 49 11/14/08 50 11/14/08 51 11/14/08 52 11/14/08 53 11/14/08 54 11/14/08 55 11/14/08 56 11/14/08 57 11/14/08 58 11/14/08 59 11/14/08 60 11/14/08 61 11/14/08 62 11/14/08 63 11/14/08 64 11/14/08 65 11/14/08 66 11/14/08 67 11/14/08 68 11/14/08 69 11/14/08 70 11/14/08 71 11/14/08 72 11/14/08 73 11/14/08 74 11/14/08 75 11/14/08 76 11/14/08 77 11/14/08 78 11/14/08 79 11/14/08 80 11/14/08 81 11/14/08 82 11/14/08 83 11/14/08 84 11/14/08 85 11/14/08 86 11/14/08 87 11/14/08 88 11/14/08 89 11/14/08 90 11/14/08 91 11/14/08 92 11/14/08 93 11/14/08 94 11/14/08 95 11/14/08 96 11/14/08 97 11/14/08 98 11/14/08 99 11/14/08 100 11/14/08		REVISIONS 1. 11/14/08 2. 11/14/08 3. 11/14/08 4. 11/14/08 5. 11/14/08 6. 11/14/08 7. 11/14/08 8. 11/14/08 9. 11/14/08 10. 11/14/08 11. 11/14/08 12. 11/14/08 13. 11/14/08 14. 11/14/08 15. 11/14/08 16. 11/14/08 17. 11/14/08 18. 11/14/08 19. 11/14/08 20. 11/14/08 21. 11/14/08 22. 11/14/08 23. 11/14/08 24. 11/14/08 25. 11/14/08 26. 11/14/08 27. 11/14/08 28. 11/14/08 29. 11/14/08 30. 11/14/08 31. 11/14/08 32. 11/14/08 33. 11/14/08 34. 11/14/08 35. 11/14/08 36. 11/14/08 37. 11/14/08 38. 11/14/08 39. 11/14/08 40. 11/14/08 41. 11/14/08 42. 11/14/08 43. 11/14/08 44. 11/14/08 45. 11/14/08 46. 11/14/08 47. 11/14/08 48. 11/14/08 49. 11/14/08 50. 11/14/08 51. 11/14/08 52. 11/14/08 53. 11/14/08 54. 11/14/08 55. 11/14/08 56. 11/14/08 57. 11/14/08 58. 11/14/08 59. 11/14/08 60. 11/14/08 61. 11/14/08 62. 11/14/08 63. 11/14/08 64. 11/14/08 65. 11/14/08 66. 11/14/08 67. 11/14/08 68. 11/14/08 69. 11/14/08 70. 11/14/08 71. 11/14/08 72. 11/14/08 73. 11/14/08 74. 11/14/08 75. 11/14/08 76. 11/14/08 77. 11/14/08 78. 11/14/08 79. 11/14/08 80. 11/14/08 81. 11/14/08 82. 11/14/08 83. 11/14/08 84. 11/14/08 85. 11/14/08 86. 11/14/08 87. 11/14/08 88. 11/14/08 89. 11/14/08 90. 11/14/08 91. 11/14/08 92. 11/14/08 93. 11/14/08 94. 11/14/08 95. 11/14/08 96. 11/14/08 97. 11/14/08 98. 11/14/08 99. 11/14/08 100. 11/14/08	

STA.15+39.24 SEE SHEET C-01 MATCHLINE



STA.20+9.56 SEE SHEET C-03 MATCHLINE

Application 080828-10
Exhibit 2.2
Page 2 of 29

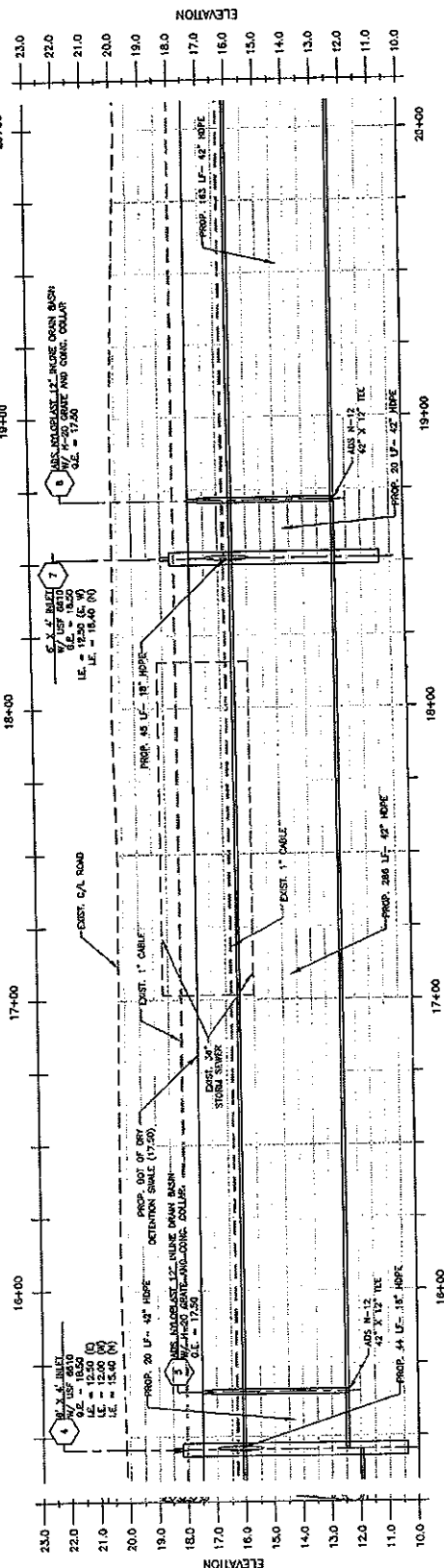


- NOTES:
1. THE EXISTENCE AND LOCATION OF ANY OF THE WATER AND/OR WASTEWATER LINES, VALVES, HYDRANTS, UTILITY STRUCTURES, ETC., NOT GUARANTEED BY THE KEECHOBEE UTILITY AUTHORITY OR GAS AND MUST BE VERIFIED BY THE CONTRACTOR.
 2. WATER USE PERMIT FOR ANY CONSTRUCTION DEVELOPING AS A WATER MAIN OR WASTEWATER MAIN CONTRACTOR WILL OBTAIN A PERMIT FROM THE KEECHOBEE UTILITY AUTHORITY.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR CONSTRUCTION AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.

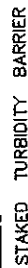
APPLICATION NUMBER

080828-10

OKS



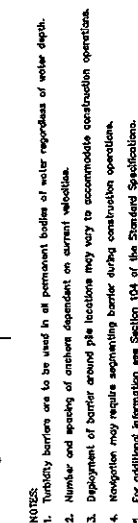
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DESIGNED BY: JMT	CHECKED BY: JMT	DATE: 10/15/08	PROJECT: SW DRAINAGE IMPROVEMENTS	FILE NAME: 08-0828-C-02-MP-AWG	LAST SAVED: 07/31/08 - 10:08PM	AS SHOWN	00-0903-429		
CRAIG A. SMITH & ASSOCIATES		CONSULTING ENGINEERS-PLANNERS-SURVEYORS		KEECHOBEE COUNTY		S.W. 32ND STREET			
772 ALICE ROAD, SUITE 310		MOUNTAIN VIEW, TEXAS 75150		STA. 15+39 - 20+9					



GENERAL NOTES

1. Floating turbidity barriers are to be paid for under the contract unit price for Floating Turbidity Barrier, LF.
2. Staked turbidity barriers are to be paid for under the contract unit price for Staked Turbidity Barrier, LF.

Note: Turbidity barriers for saving oysters and tidal areas may be either floating or stakes type, also in sections of types that will suit into an adjacent and most exact control and water clarity requirements. The barrier type(s) will be at the Contractor's option unless otherwise specified in the plans, however payment will be under the pay item(s) authorized in the plans for Floating Turbidity Barrier and/or Staked Turbidity Barrier. Posts in staked turbidity barriers to be installed in vertical position unless otherwise directed by the Engineer.



TURBIDITY BARRIER APPLICATIONS

APPLICATION NUMBER

67
 77
 87
 97
 107
 117
 127
 137

OKS

FILE NAME: 38-0629-C-32-DTSL.dwg
LAST SWED: 07/31/08 - 4:24pm

**S.W. DRAINAGE
IMPROVEMENTS**

OKEECHOBEE COUNTY

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS-PLANNERS-SURVEYORS

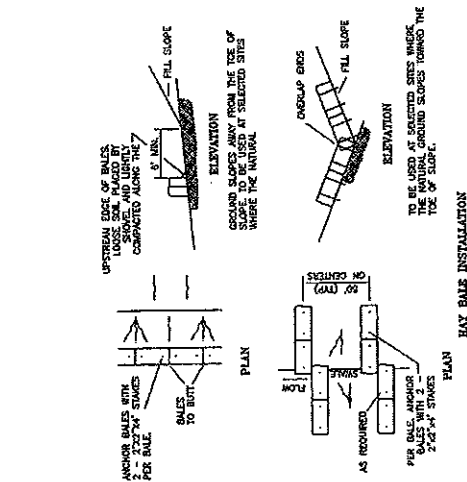
7701 OLIVER ROAD, SUITE 410
TAMPA, FLORIDA 33624
(813) 981-2100
CRAIG@CSA-INC.COM, LBO0034110

APPROVED BY: ORLANDO A. RUBIO, P.E.
DATE 11/14/08

Call:	10010107
Designed:	YCC
Drew:	ML
Checked:	YCC

CONCLUSIONS



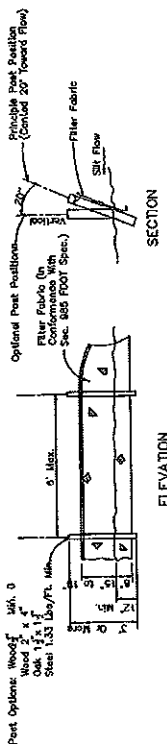


SILT FENCE INSTALLATION

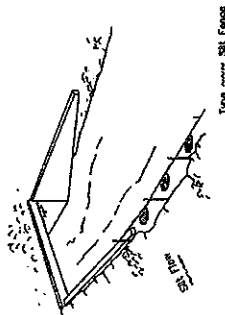
POSTS: STEEL, EITHER 1" OR 1 1/2" TYPE OR 2" HARDWOOD

FLUTER FABRIC: PER FOOT STANDARD SPECIFICATION PER FOOT INDEX 102

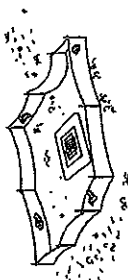
PREFABRICATED UNITS: GUGAB, ENVIROFENCE, OR APPROVED EQUAL.



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100	100	100



Type ~~~ Salt Fence



Type ~~new~~ Silt Fence Protection
Around Ditch Bottom Inlets.



Notes: Spacing for Type xxxx Fence to be in accordance with Chart xx, Sheet 1 of 3 and ditch installations at drainage xxxx Sheet 2 of 3.

Type ~~~~~ Silt Fence

Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

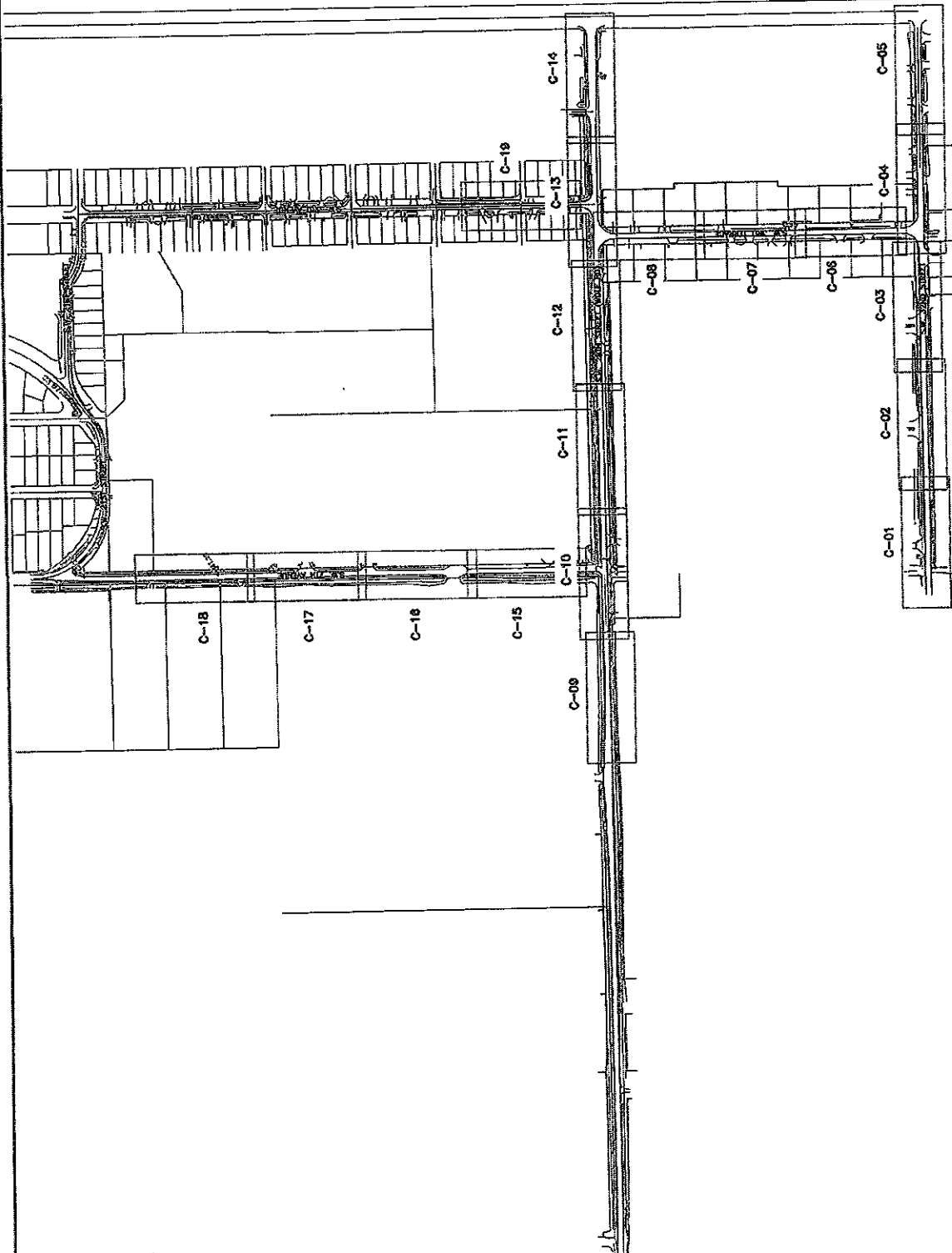
SILT FENCE APPLICATIONS

一、
 二、
 三、
 四、
 五、
 六、
 七、
 八、
 九、
 十、

210

PLAN C-30 FILE NAME: M-029-C-30-PLS.dwg LAST SAVE: 07/31/08 - 4:50PM	
SCALE AS SHOWN 00-0903-429	
S.W. DRAINAGE IMPROVEMENTS STANDARD DETAILS	
PREPARED FOR OKEECHOBEE COUNTY	
CRAIG A. SMITH & ASSOCIATES CONSULTING ENGINEERS/PLANNERS/SURVEYORS  7772 GLASS ROAD, SUITE 410 BOCA RATON, FL 33434 (561) 997-1300 FAX (561) 997-1300 ORLANDO, FL 32811	
APPROVED BY: GILLIANDA A. SUMMA, P.E.  DATE: 07/14/08 PROJECT PROFESSIONAL ENGINEER NO. 45265	
Drawn: ☒ YAT Check: ☐ YAT Drawn: ☐ SM Checked: ☐ OKR	NO. ☐ DATE ☐ BY: ☐ APPROVED ☐

Application 080828-10
 Exhibit 2.2
 Page 6 of 29



GRAPHIC SCALE
 1" = 20'-0"
 * SEE SHEET 080828-09 FOR
 PLAN & ELEVATION

APPLICATION NUMBER

080828-10

OKS

SHEET
 G-03
 FILE NAME: 08-0828-C-03-key.dwg
 LAST SAVED: 10/17/08 - 8:28am
 SCALE
 AS SHOWN
 PROJECT
 00-0803-429

SW DRAINAGE
 IMPROVEMENTS
 KEY SHEET

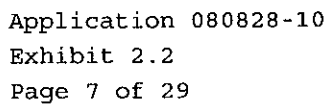
RESERVED FOR
 OKEECHOBEE COUNTY

CRAIG A. SMITH & ASSOCIATES
 CONSULTING ENGINEERS-PLANNERS-SURVEYORS
 7622 W. 13TH AVE., SUITE 100
 BOCA RATON, FL 33433
 (561) 993-1110
 C.A.S.

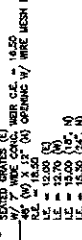
APPROVED BY: CRAIG A. SMITH, P.E.
 DATE: 11/14/08
 FLORIDA PROFESSIONAL ENGINEERING SEAL

DATE: 10/08/08
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 C.A.S.

NO.	DATE	BY	REVISION



Application 080828-10
Exhibit 2.2
Page 7 of 29



08-1-282800

ADDITIONAL INFO.

NOV 11 2006

OKS

FILE NAME: 05-0429-C-01-PWP.dwg
LAST SAVE: 08/28/08 - 3:53pm
SCALE: AS SHOWN
PROJECT: 00-0903-429
SHEET: C-01

**S.W. DRAINAGE
IMPROVEMENTS**

**S.W. 32ND STREET
STA: 12+00 - 15+39**

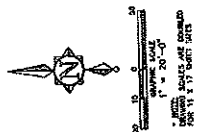
PREPARED FOR:
OKEECHOBEE COUNTY

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS-PLANNERS-SURVEYORS
7777 GLADES BLVD., SUITE 410
BOCA RATON, FLORIDA 33434
(305) 971-4900

APPROVED BY: ORLANDO A. RUBIO, P.E.
DATE 11/14/08

Date: 10/15/87
Designed: YGT
Drawn: WJA

[illegible]

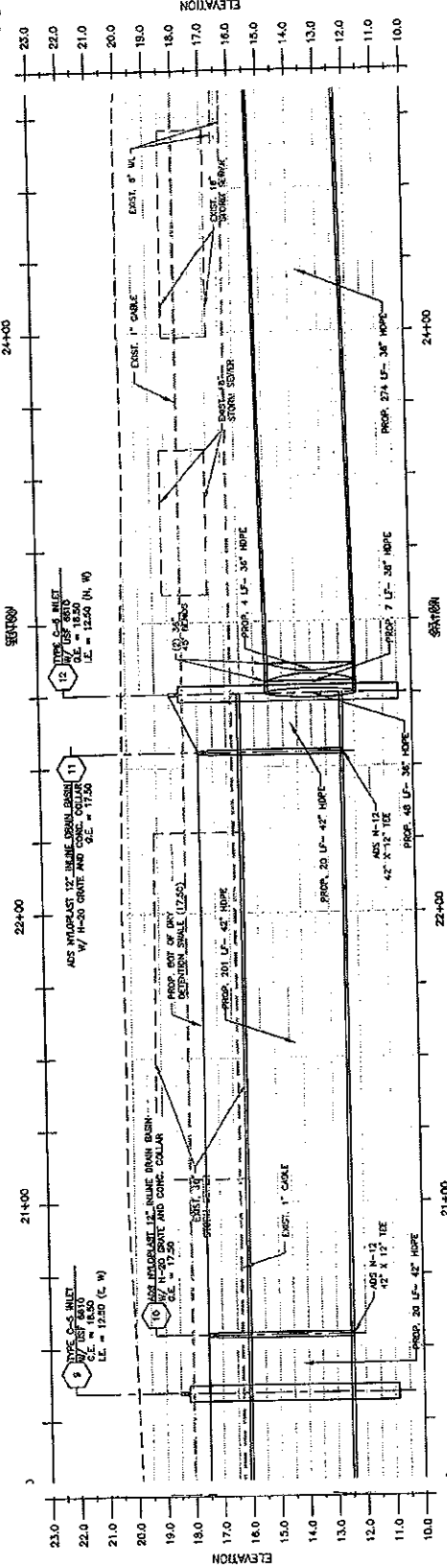
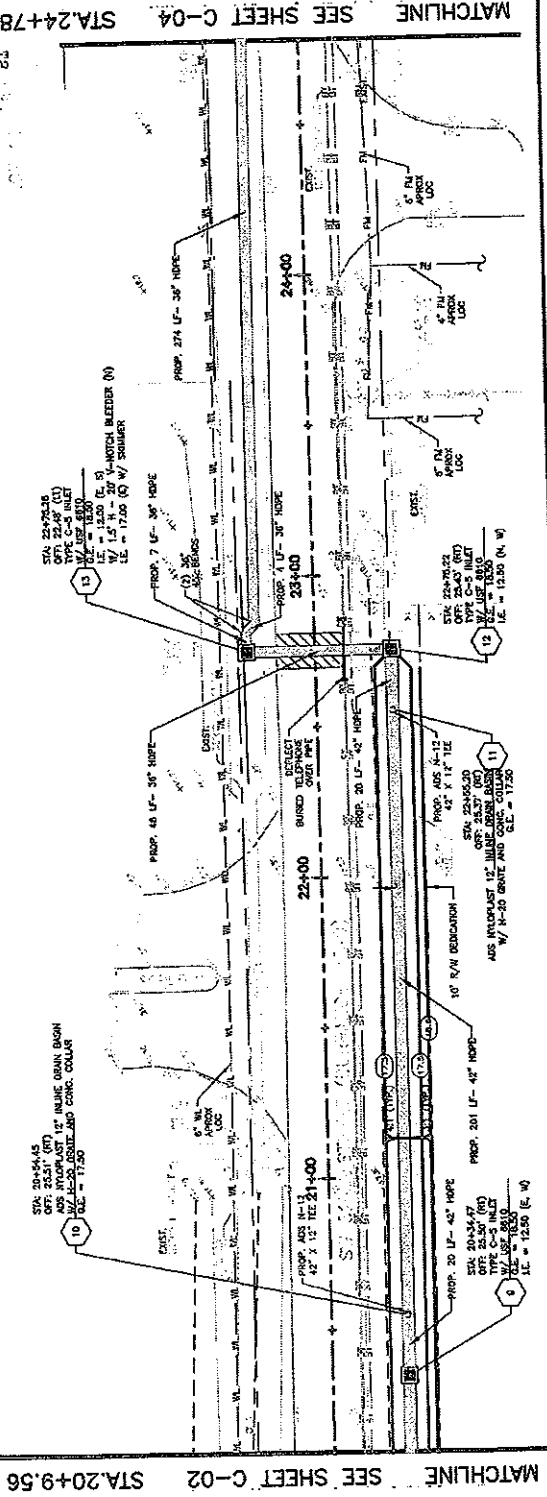
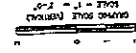


1. THE EXISTENCE AND LOCATION OF ANY OF THE WATER AND/OR WASTEWATER LINES, VALVES, HYDRANTS, UTILITY PLANS, ARE NOT GUARANTEED BY THE ONEECHOBE UTILITY AUTHORITY. IT GAS AND MUST BE VERIFIED IN THE FIELD.
2. WATER USE PERMIT FOR ANY CONSTRUCTION Dewatering AS NECESSARY FROM ANY WATER MANUFACTURER WILL OBTAIN A F.D.P.E.S. N.O.I. PERMIT FROM F.D.P.E. PRIOR TO COMMENCEMENT OF WORK WITH THE WATER MANAGEMENT DISTRICT PERMIT.
- 3.

APPLICATION NUMBER

08088-10

OKS

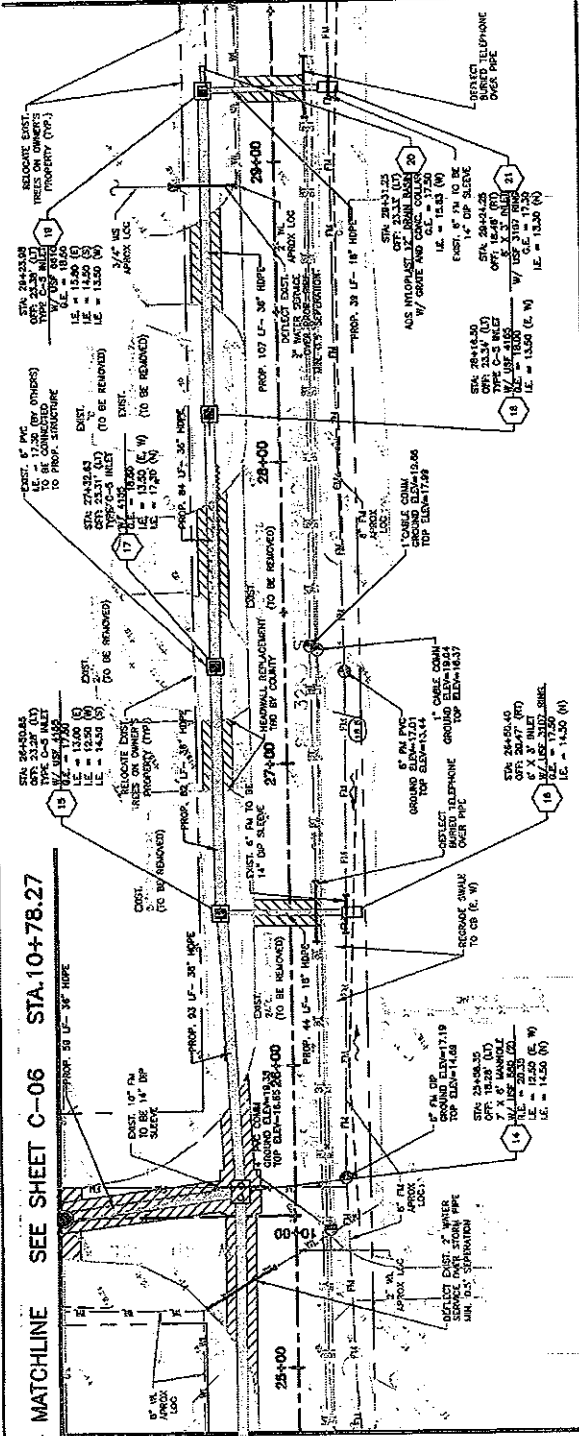


Application 080828-10
Exhibit 2.2
Page 8 of 29

PREPARED FOR: OKEECHOBEE COUNTY		S.W. DRAINAGE IMPROVEMENTS S.W. 32ND STREET STA: 20+0 - 24+78	
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CHECKED BY: [Signature]		DATE: 11/14/08	
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PROJECT DESCRIPTION: S.W. DRAINAGE IMPROVEMENTS		PROJECT NO: 00-0903-429	
PROJECT NO: 00-0903-429		PROJECT NO: 00-0903-429	

STA. 29+53.67

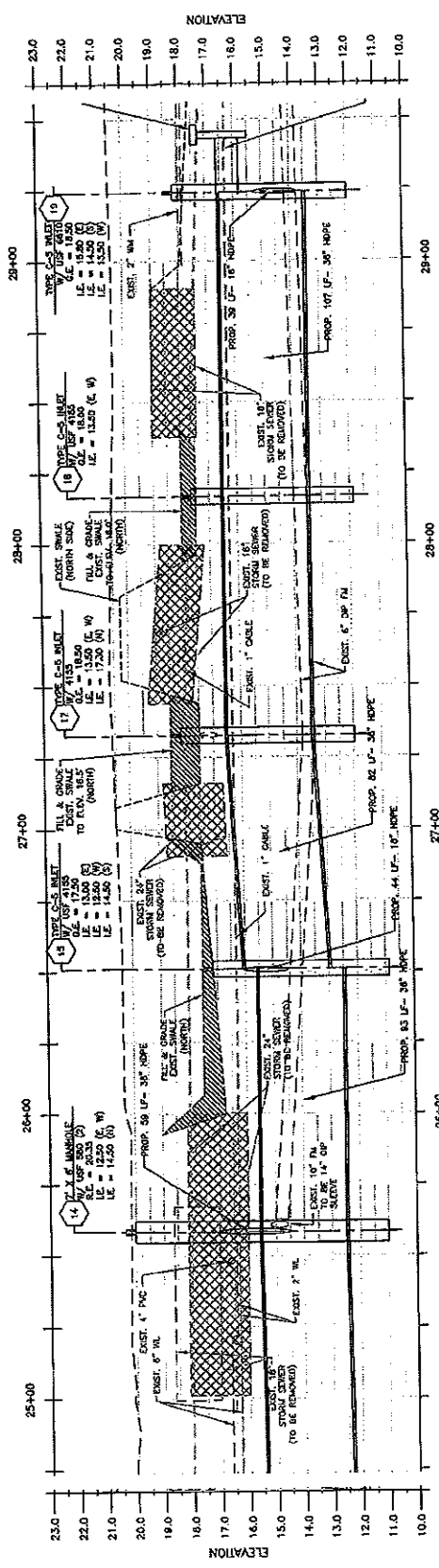
Application 080828-10
Exhibit 2.2
Page 9 of 29



1. THE EXISTENCE AND LOCATION OF THE WATER AND/OR WASTEWATER LINES, VALVES, SHUT-OFFS, LIFT STATIONS, ETC., KNOWN ON THESE PLANS ARE NOT GUARANTEED BY THE ONE-CHECKED UTILITY AUTHORITY OR GAS AND MUST BE VERIFIED IN THE FIELD.
2. CONTRACTOR WILL OBTAIN A CONSTRUCTION PERMIT FOR ANY CONSTRUCTION DEEMING AS NECESSARY FROM ANY WATER MANAGEMENT DISTRICT.
3. CONTRACTOR WILL OBTAIN A N.P.E.S.'S N.O.I. PERMIT FROM F.D.P.P. PRIOR TO COMMENCEMENT AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.

APPLICATION NUMBER

\\2007\00-09C9\108-5M SPANISH\English\2006-06-C429-C-04-FN.dwg; I:\1\2006 BKO-M.M. SPANISH.12--C5



SHEET
C-04

FILE NAME: 08-0429-C-04-PAP.dwg	PROJECT	00-0903-429
LAST SAVED: 08/04/08 - 11:03am	SCALE	AS SHOWN

**S.W. DRAINAGE
IMPROVEMENTS**

PREPARED FOR: **POKEECHOBEE COUNTY**

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS-PLANNERS-SURVEYORS
7177 GLACES ROAD, SUITE 450
BOCA RATON, FLORIDA 33434

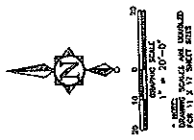
APPROVED: ORLANDO A. RUBIO, P.E.

Date: 10/6/07
Designed: WT
Printed: MM

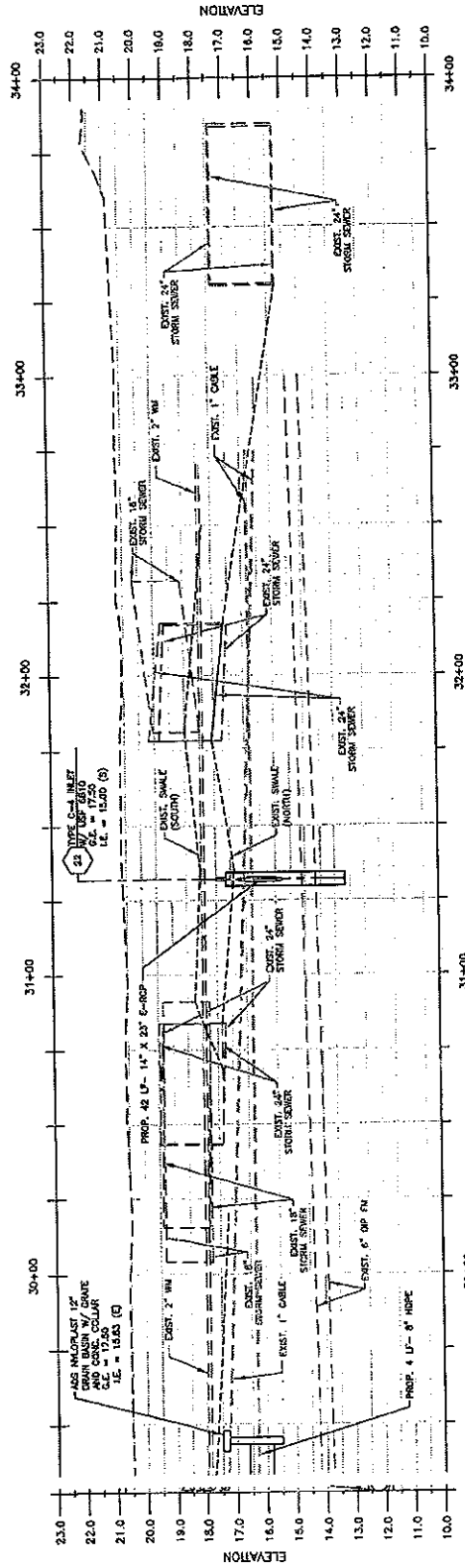
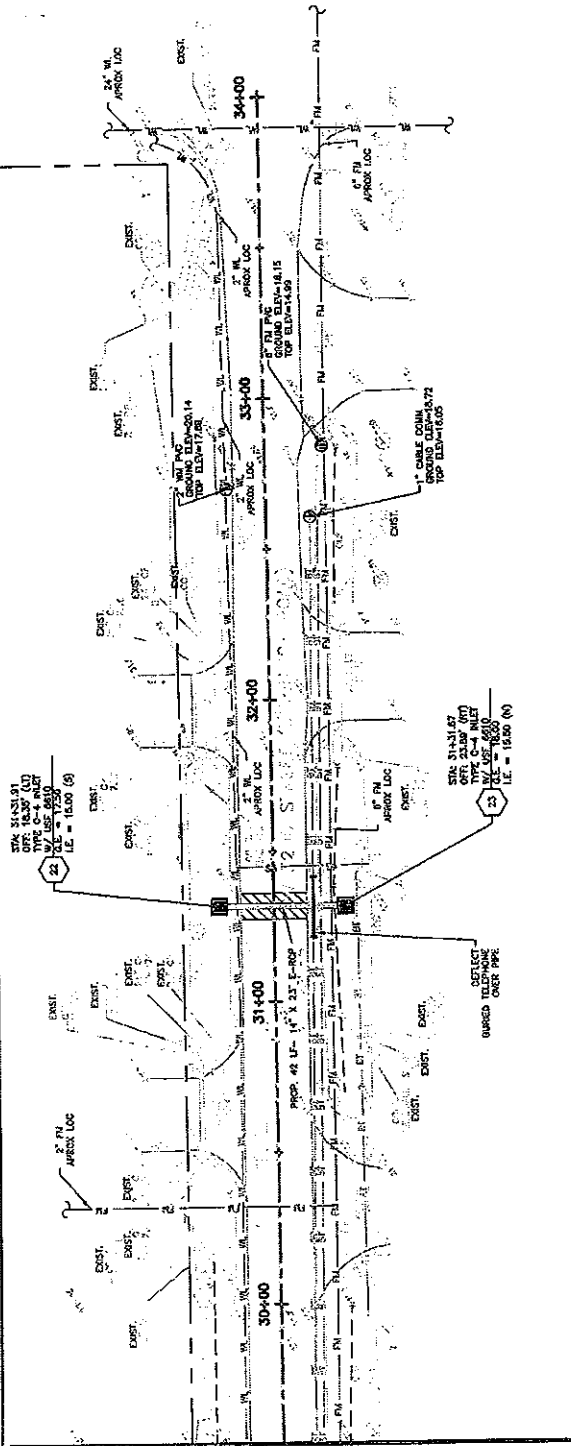
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MATCHLINE SEE SHEET C-04 STA.29+53.64

Application 080828-10
Exhibit 2.2
Page 10 of 29



NOTES: EXISTENCE AND LOCATION OF ANY OF THE WATER AND/OR WASTEWATER LINES, WALKS, OR UTILITIES SHOWN ON THIS PLAN ARE NOT GUARANTEED BY THE ENGINEER. THE EXISTENCE OF ANY UTILITIES MUST BE VERIFIED BY THE CONTRACTOR. CONTRACTOR WILL OBTAIN A WATER USE PERMIT FOR ANY CONSTRUCTION ACTIVITIES AS REQUIRED BY THE DISTRICT WATER MANAGEMENT DISTRICT. CONTRACTOR WILL OBTAIN A PERMIT FROM THE DISTRICT OF COMMERCE TO COMMENCEMENT OF CONSTRUCTION AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.



APPLICATION NUMBER

080828-10

OKS

FILE NAME: 08-0828-C-05-08-04-04
LAST MOD: 07/21/08 - 2:51pm
PROJECT: S.W. DRAINAGE IMPROVEMENTS
SCALE: AS SHOWN
AS SHOWN: 00-0903-429
SHEET: C-05

S.W. DRAINAGE IMPROVEMENTS
S.W. 32ND STREET
STA. 29+53 - 33+00

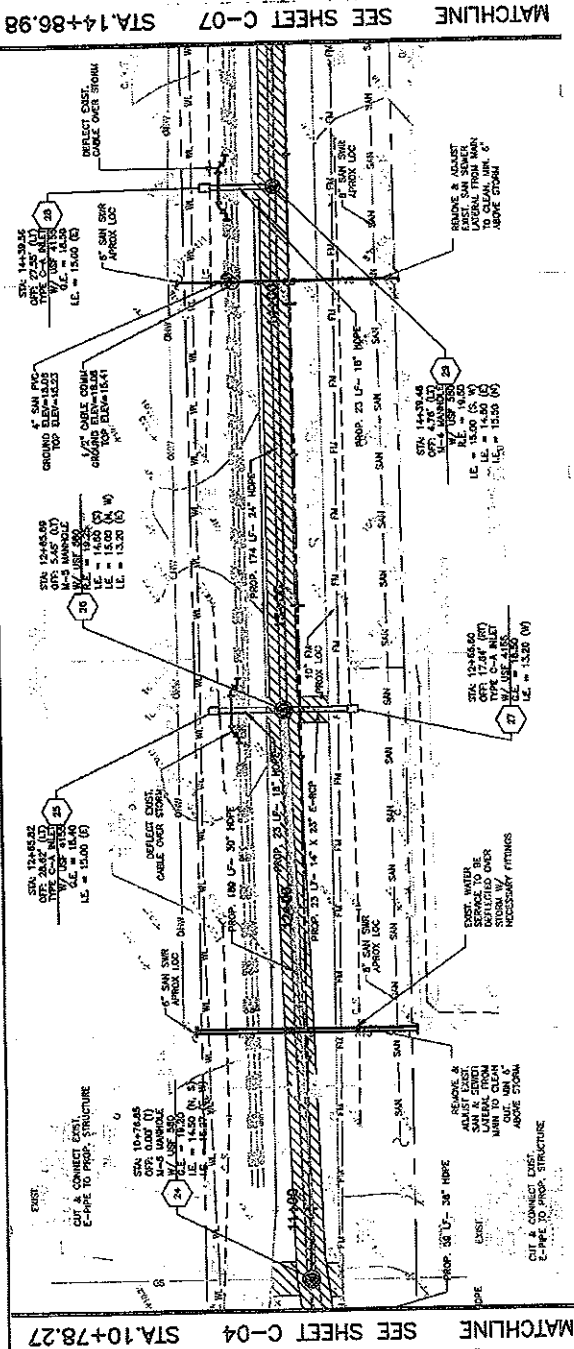
PREPARED FOR
OKEECHOBEE COUNTY

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS-LANDSCAPE ARCHITECTS
700 N. W. 10TH AVE., SUITE 100
OKLAHOMA CITY, OK 73102
PH: 405.521.1111 FAX: 405.521.1112

APPROVED BY: ORGANIZED & RURED P.E.
DATE: 11/19/08
CRAIG A. SMITH & ASSOCIATES

DATE: 11/19/08
DESIGNED BY: JAL
DRAWN BY: JAL
CHECKED BY: JAL

NO.	DATE	REVISION



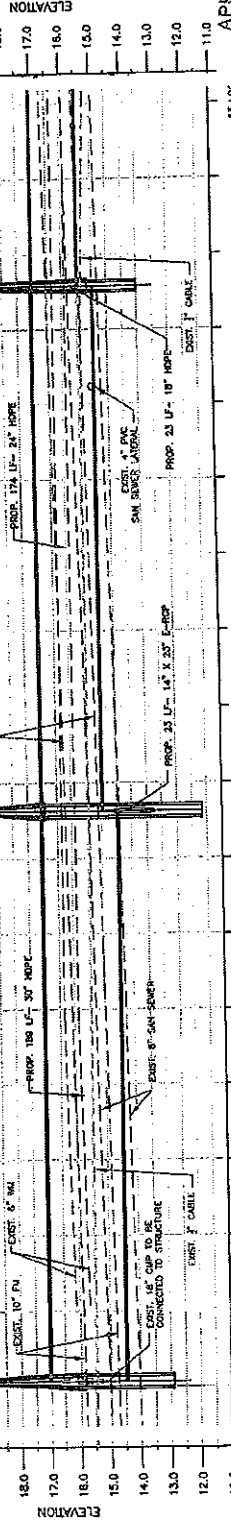
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1" = 20'-0"
ALL DIMENSIONS ARE SHOWN
FOR 11 X 17 SHEET SIZE

- NOTES:
1. THE EXISTENCE AND LOCATION OF ANY OF THE WATER AND/OR WASTEWATER LINES, WELLS, ETC., SHOWN ON THESE PLANS ARE NOT GUARANTEED BY THE OKEECHOBEE UTILITY AUTHORITY. CONTRACTOR MUST BE VERIFIED IN THE FIELD.
 2. CONTRACTOR WILL OBTAIN A WATER USE PERMIT FOR ANY WATER USE FROM ANY WATER MANAGEMENT DISTRICT.
 3. CONTRACTOR WILL OBTAIN A PERMIT TO EXCAVATE FROM THE DISTRICT PRIOR TO COMMENCEMENT OF CONSTRUCTION AND COMPLY WITH THE DISTRICT'S MANAGEMENT DISTRICT PERMIT.

ADDITIONAL INFO.

NOV 19 2008

OKS

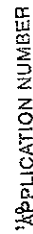
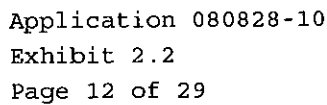


APPLICATION NUMBER

080828-10

OKS

PREPARED FOR OKEECHOBEE COUNTY		PREPARED BY CRAIG A. SMITH & ASSOCIATES CONSULTING ENGINEERS & PLANNERS-SURVEYORS 7702 MACY ROAD, SUITE 100 FORT MYERS, FL 33907 PHONE: 888-288-2888		FILE NAME: 10-0828-C-04-IMP-ENG LAST MOD: 08/20/08 - 2:44PM SCALE: AS SHOWN SHEET: C-06	
PROJECT NO. 00-0503-429		PROJECT NO. 00-0503-429		PROJECT NO. 00-0503-429	
S.W. DRAINAGE IMPROVEMENTS S.W. 3RD TERR. STA. 10+78 - 14+88		S.W. DRAINAGE IMPROVEMENTS S.W. 3RD TERR. STA. 10+78 - 14+88		S.W. DRAINAGE IMPROVEMENTS S.W. 3RD TERR. STA. 10+78 - 14+88	



OKS

FILE NAME: 11-0428-C-07-PAP.dwg
LAST SAVED: 07/31/08 - 2:31pm

SCALE
AS SHOWN

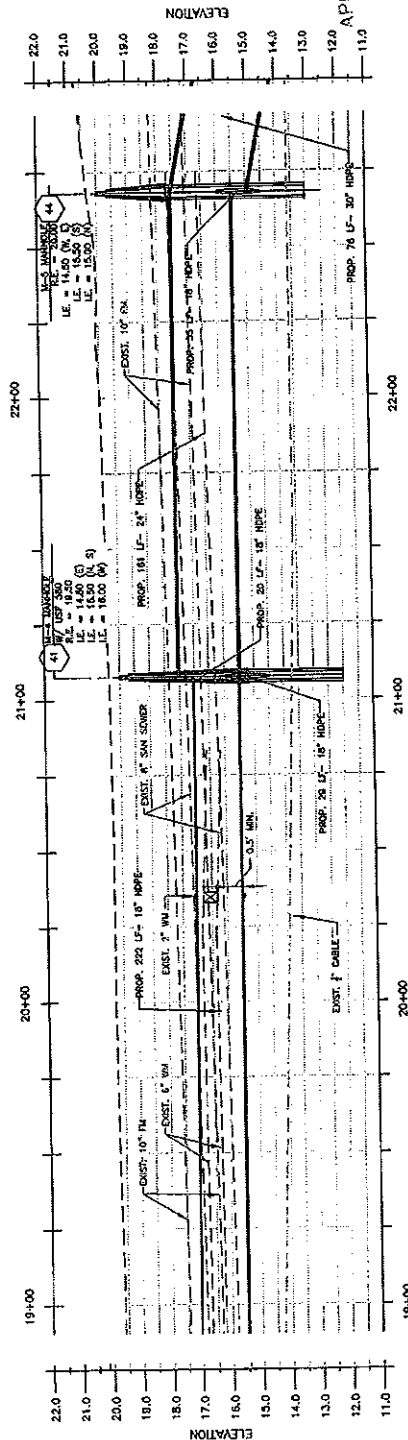
PROJECT
00-0903-429

NOTES:

1. THE EXISTENCE AND LOCATION OF ANY OF THE WATER AND/OR WASTEWATER LINES, VALVES, HYDRANTS, LIFE STATIONS, ETC., SHOWN ON THESE PLANS ARE NOT GUARANTEED BY THE AUTHORITY OF C&S AND MUST BE VERIFIED BY THE CONTRACTOR.
2. CONTRACTOR WILL OBTAIN A WATER USE PERMIT FOR ANY CONSTRUCTION DEMANDING AS MUCH AS 100 GPM OF WATER MANAGEMENT DISTRICT.
3. CONTRACTOR WILL OBTAIN A N.D.P.E.S. N.O.I. PERMIT FROM F.D.E.P. REGION OF CONSTRUCTION AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.

Application 080828-10
Exhibit 2.2
Page 13 of 29

1. THE EXISTENCE AND LOCATION OF THE WATER AND/OR WASTEWATER LINES, VALVES, HYDRANTS, UTILITY STATIONS, ETC., SHOWN ON THESE PLANS ARE NOT GUARANTEED BY THE CREEKBORE UTILITY AUTHORITY OR CAS AND MUST BE VERIFIED IN THE FIELD.
2. THE FIELD WILL OBTAIN A WATER USE PERMIT FOR ANY CONSTRUCTION DRAINING OR REMEDIATION OF ANY WATER NECESSARY FROM ANY WATER MANAGEMENT DISTRICT.
3. CONTRACTOR WILL OBTAIN A N.P.D.S. NO.1 PERMIT FROM C.O.P.E. PRIOR TO ANY CONSTRUCTION AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.



REGISTRATION NUMBER

2000

OK

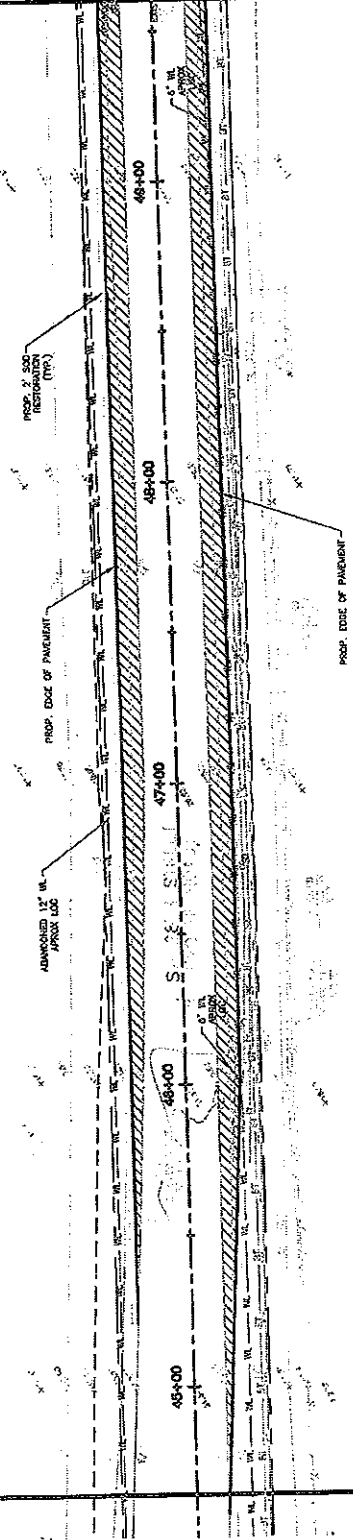
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PROJECT: S.W. DRAINAGE IMPROVEMENTS LOCATION: S.W. 3RD TERR. STATIONING: STA: 18+00 - 22+65		APPROVED BY: ORLANDO A. RUBIO, P.E. [Signature] DATE: 7/31/08			
CONSULTING ENGINEER: CRAIG A. SMITH & ASSOCIATES 7702 WOODBURN ROAD, SUITE 400 FORT WORTH, TEXAS 76116		DATE: 07/31/08 BY: [Signature] DATE: 07/31/08 BY: [Signature]			



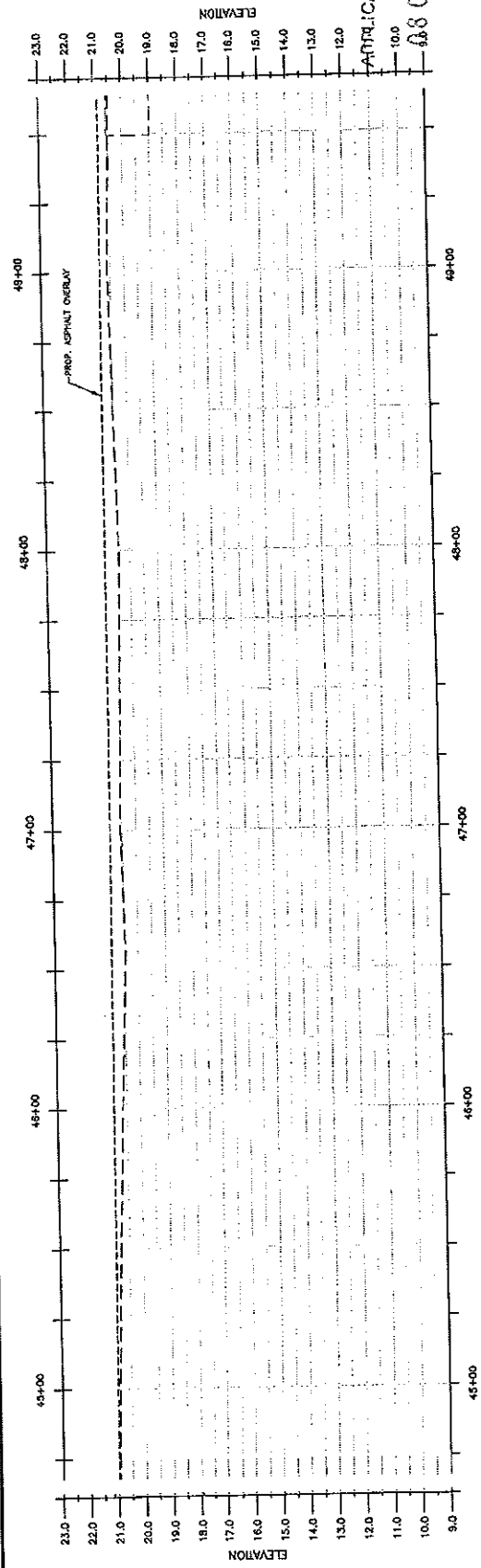
GRAPHIC SCALE
1" = 20'-0"
AS SHOWN
PROJECT 15-5429-C-09-00-00

- NOTES:
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 2. THE CONTRACTOR WILL OBTAIN A WATER USE PERMIT FOR ANY CONSTRUCTION DEMANDS AS NECESSARY FROM THE WATER MANAGEMENT DISTRICT.
 3. CONTRACTOR WILL OBTAIN A N.P.O.E.S. N.O.I. PERMIT FROM F.O.E.P. PRIOR TO CONSTRUCTION AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.

MATCHLINE SEE SHEET C-10 STA. 49+60.63



Application 080828-10
Exhibit 2.2



APPLICATION NUMBER

080828-10

OKG

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LAST SAVE: 07/31/2018 - 2:40pm
C-09

PROJECT: 15-5429-C-09-00-00
AS SHOWN
00-0903-429

SW DRAINAGE IMPROVEMENTS
SW 28TH STREET
STA: 44+84 - 49+60

PREPARED FOR:
OKEECHOBEE COUNTY

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS & SURVEYORS
770 QUAIL HOLLOW, SUITE 100
BOCA RATON, FL 33433
CERTIFICATE NO. 12000110

APPROVED: C. A. SMITH, P.E.
DATE: 11/1/18
FLORENCE PROFESSIONAL ENGINEERING NO. 45385

DATE: 11/1/18
DESIGNED: MT
DRAWN: MT
CHECKED: CHL

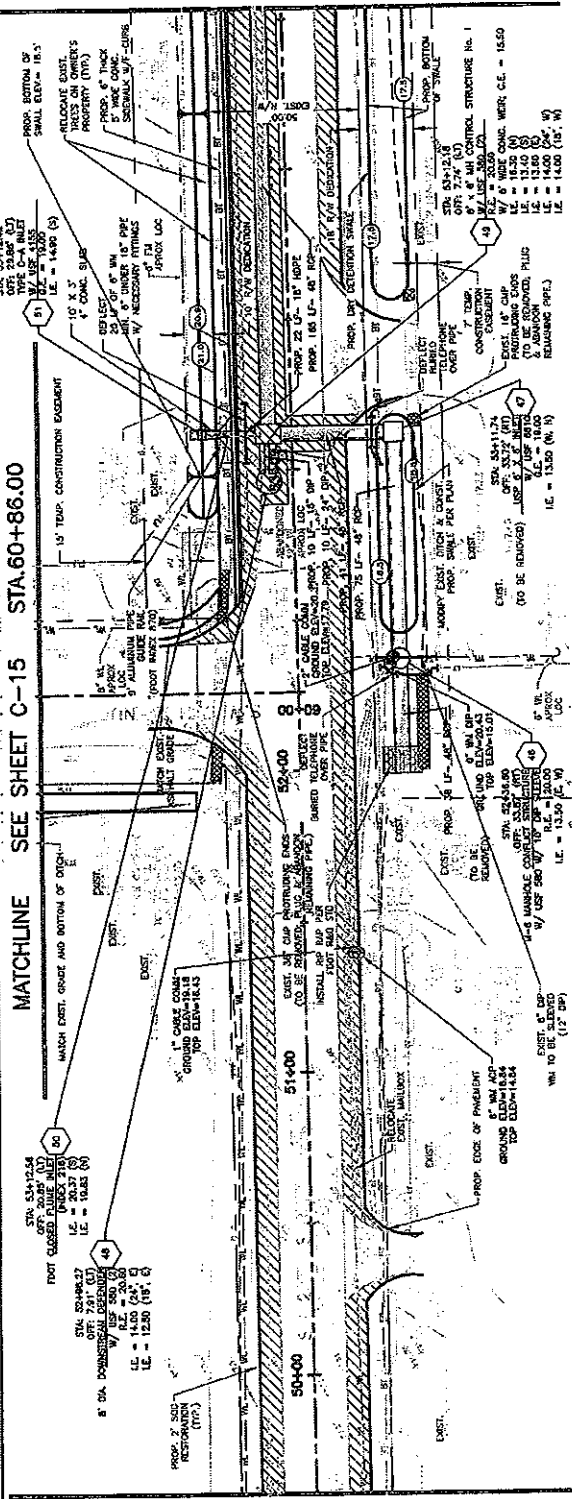
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Application 080828-10
Exhibit 2.2

MATCHLINE SEE SHEET C-09 STA.49+60.63

MATCHLINE SEE SHEET C-15 STA.60+86.00

MATCHLINE SEE SHEET C-11 STA.54+53.82



MATCHLINE SEE SHEET C-09 STA.49+60.63

MATCHLINE SEE SHEET C-15 STA.60+86.00

MATCHLINE SEE SHEET C-11 STA.54+53.82

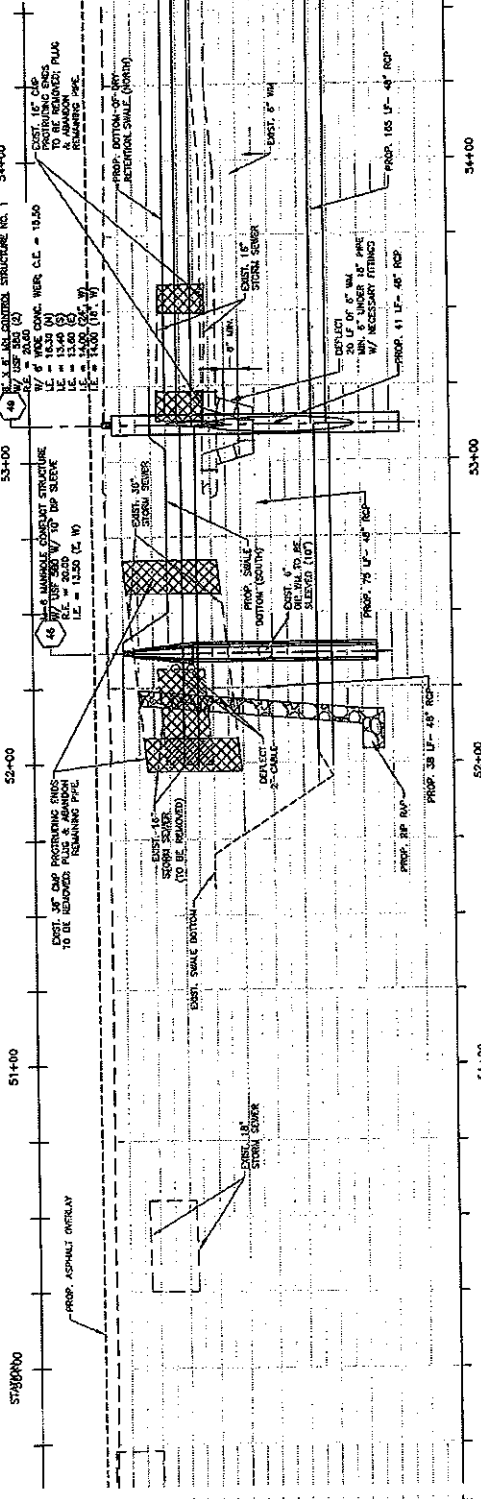
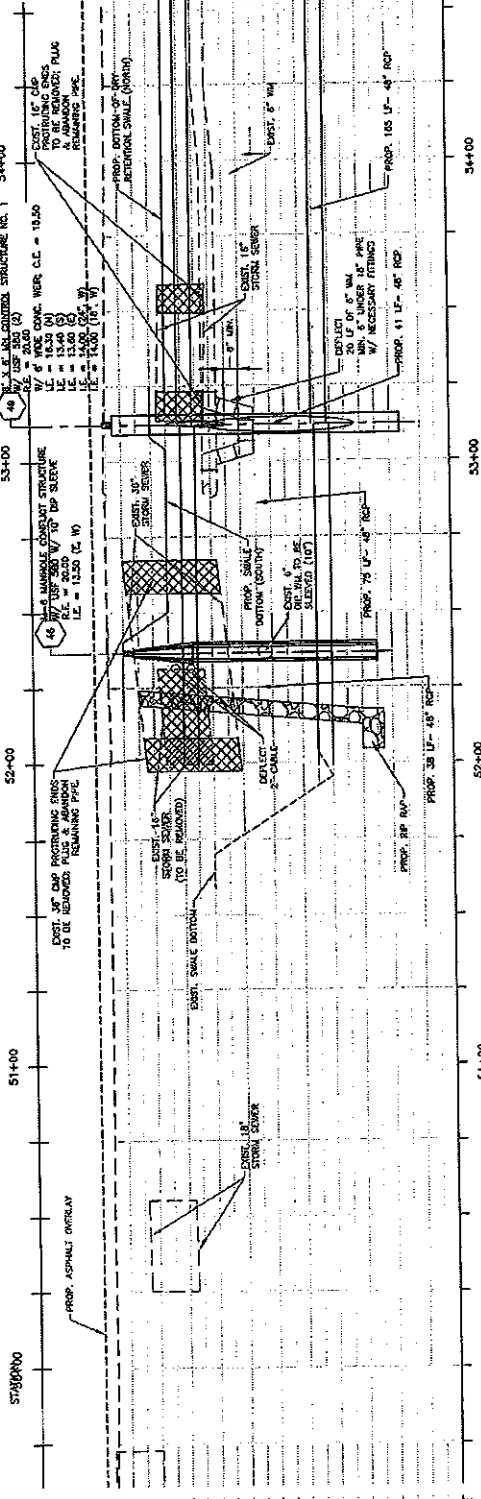
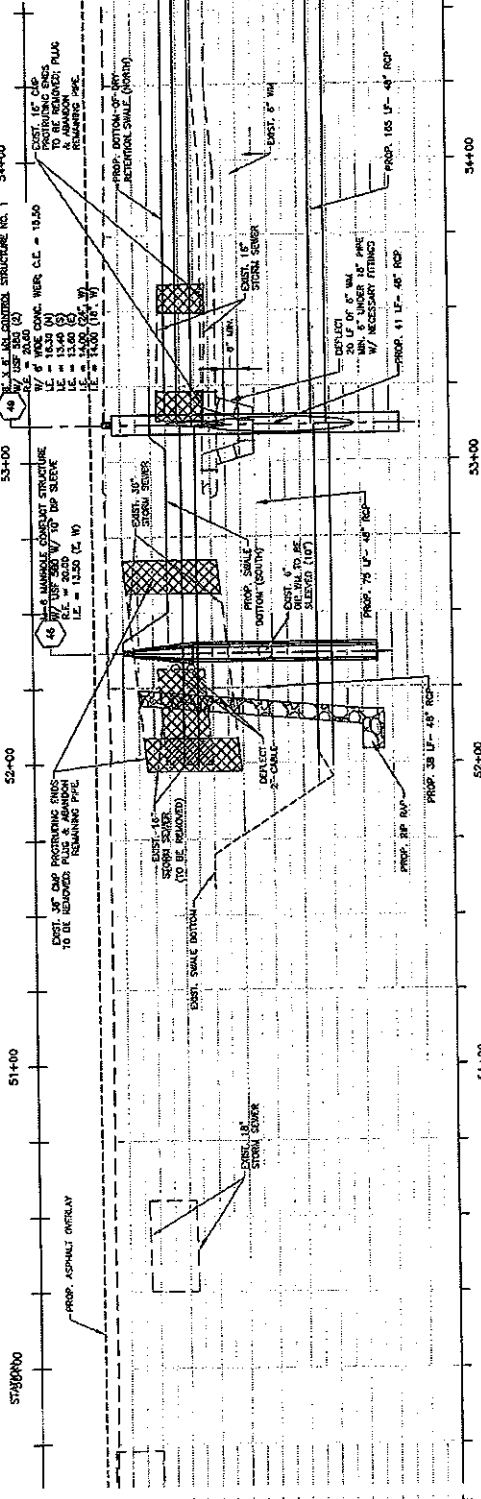
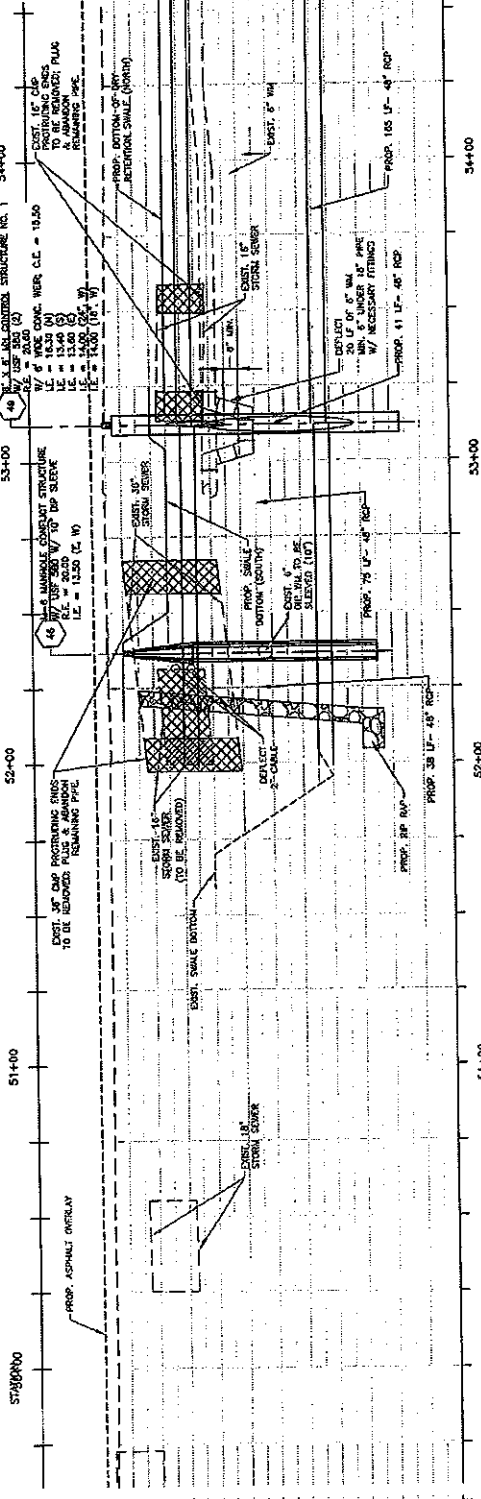
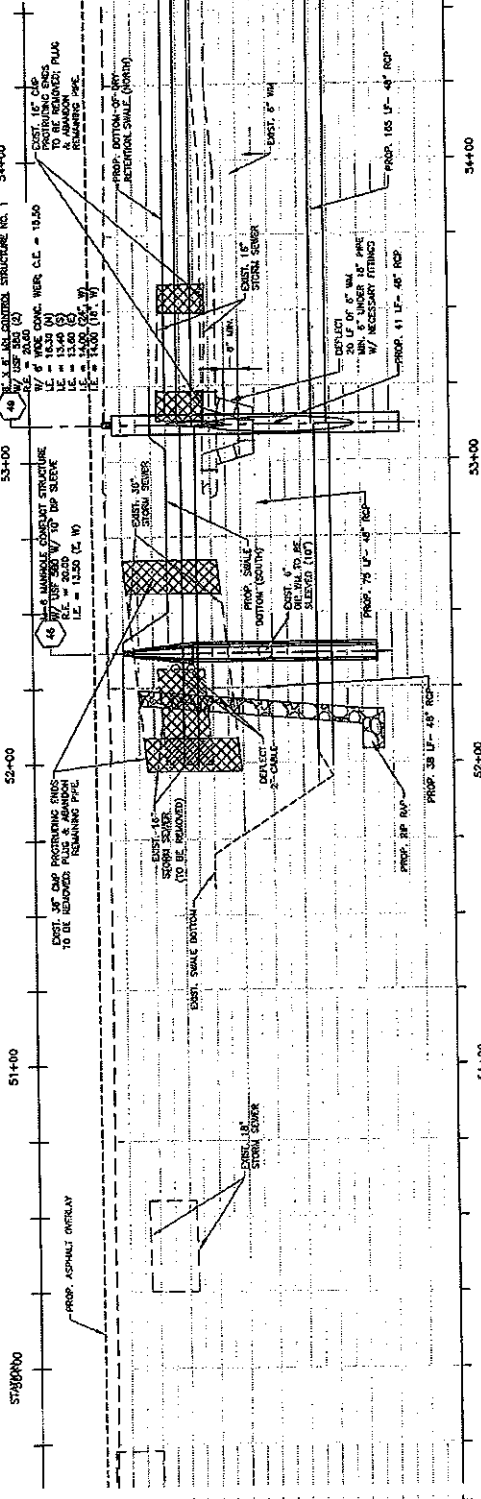
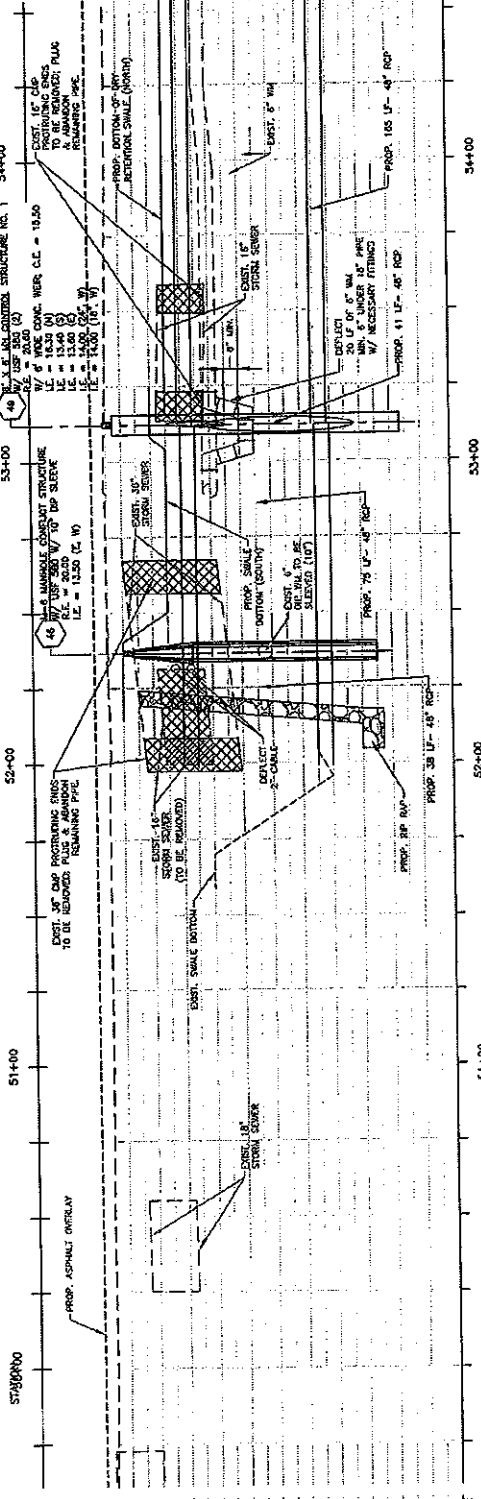
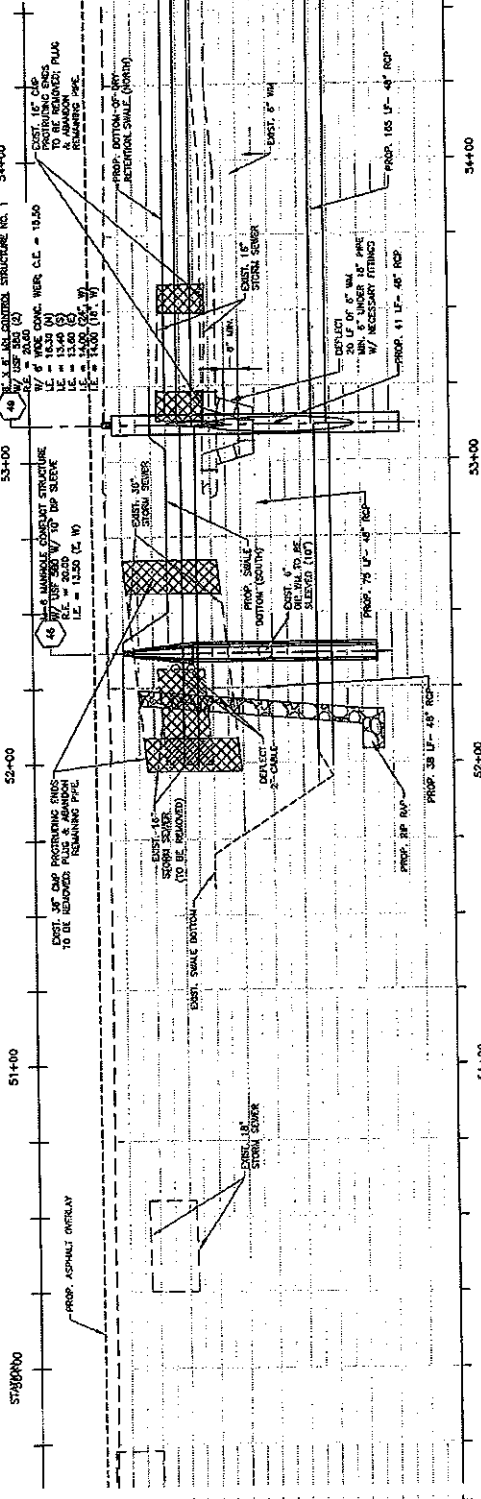
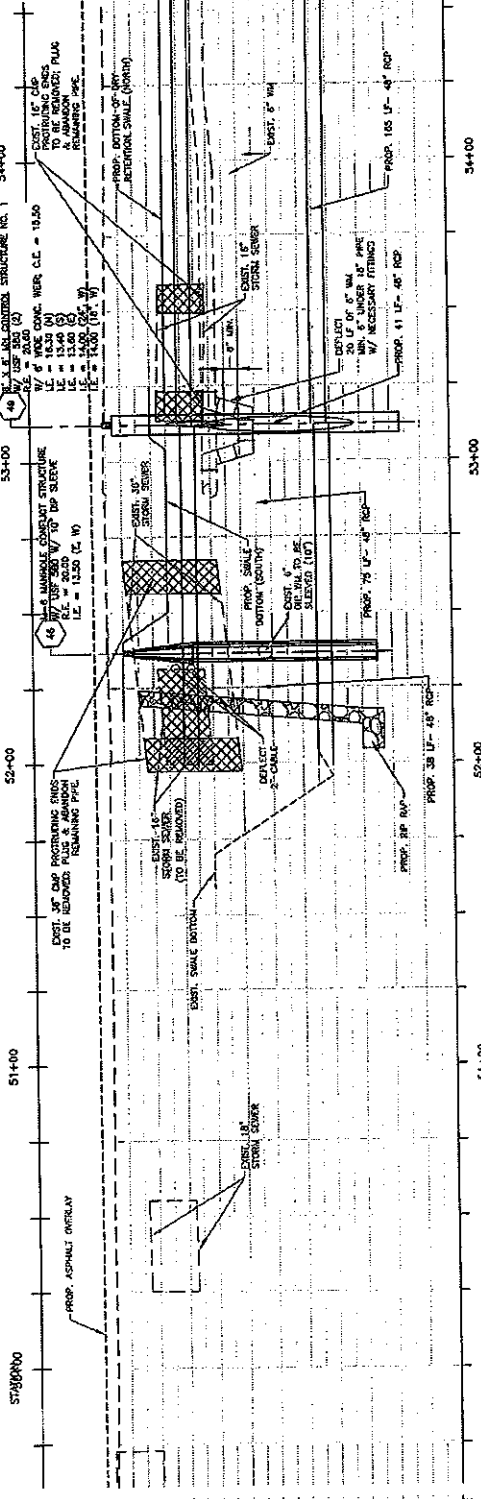
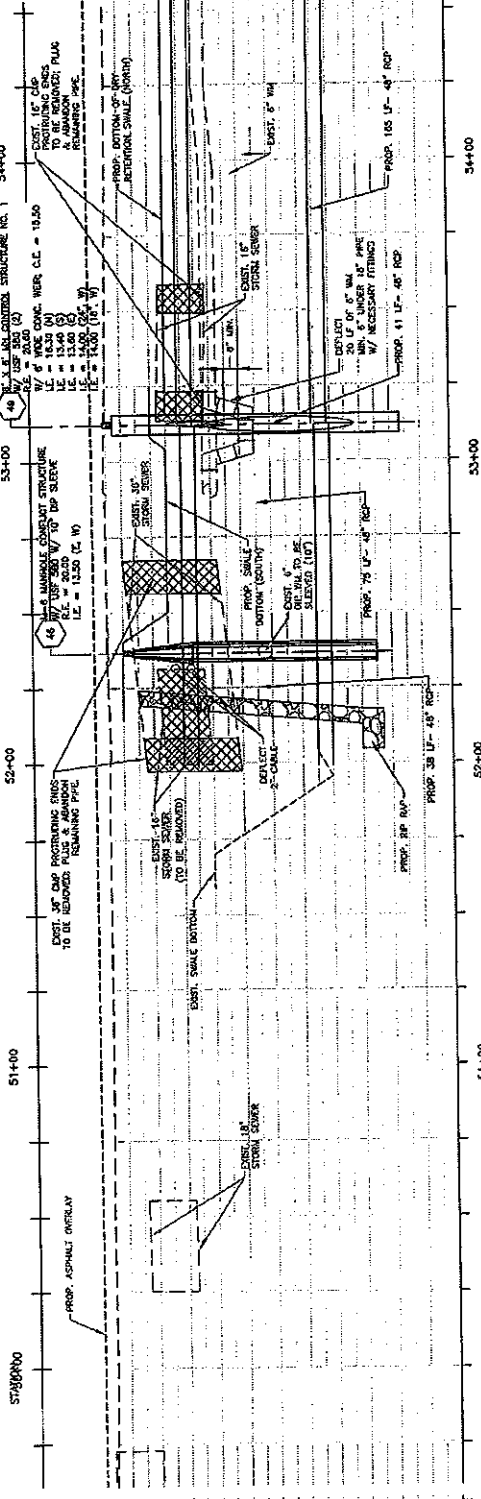
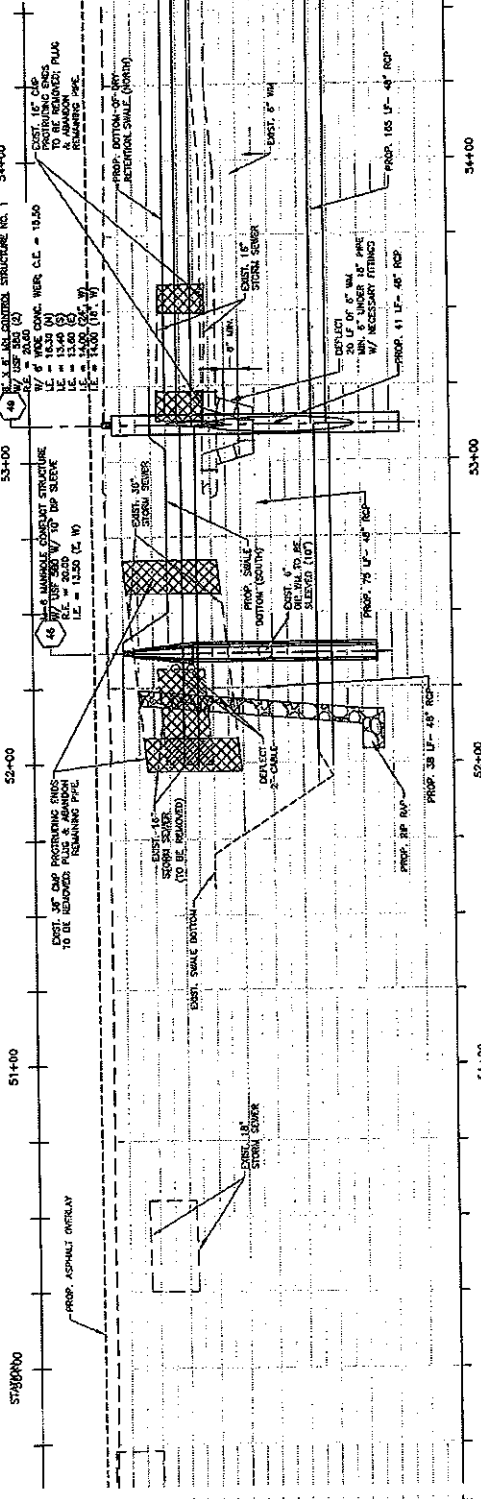
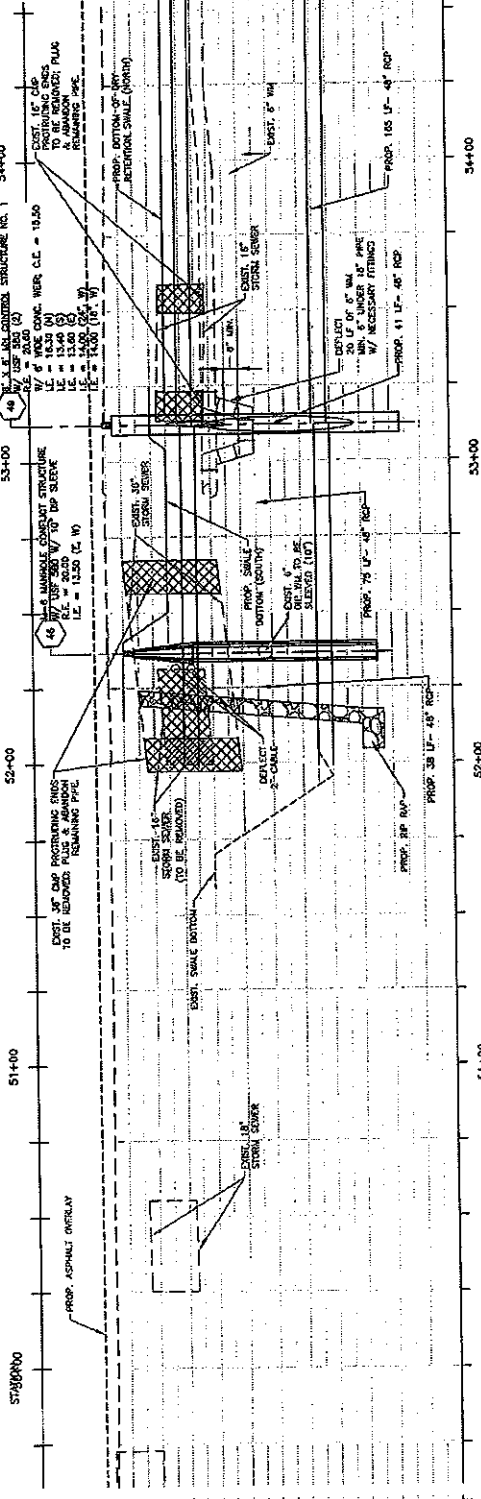
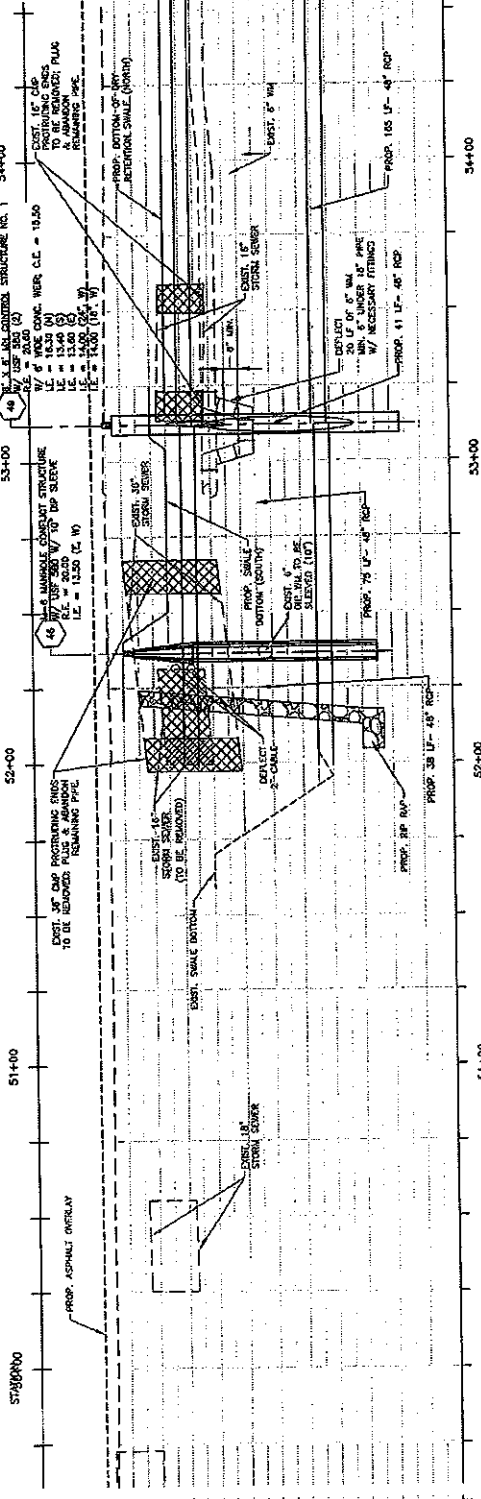
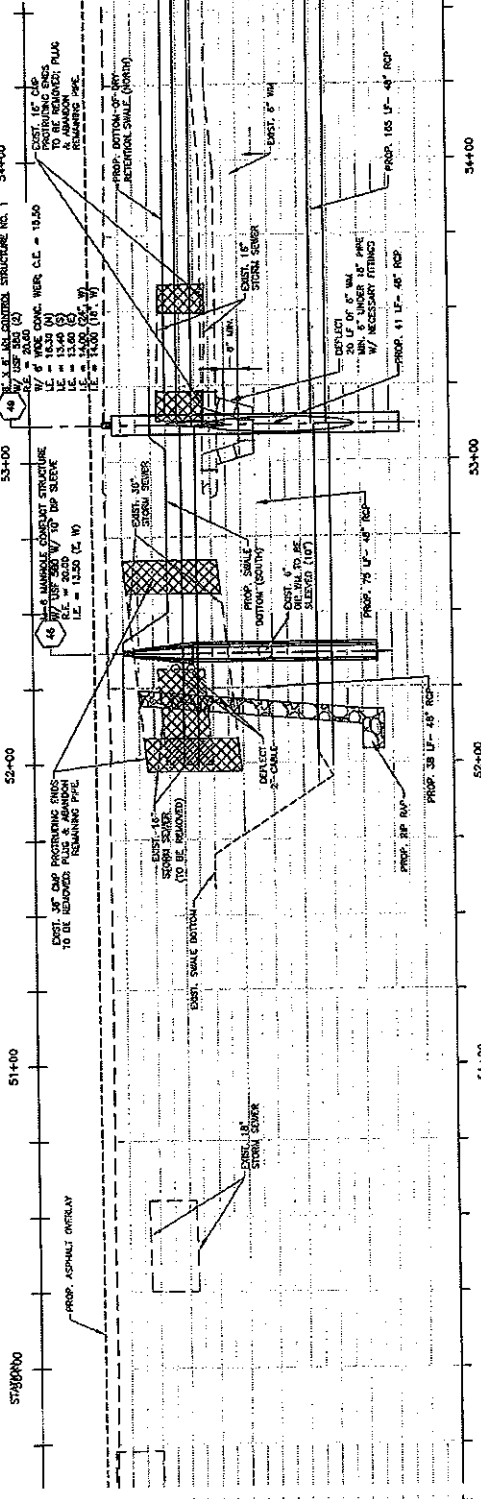
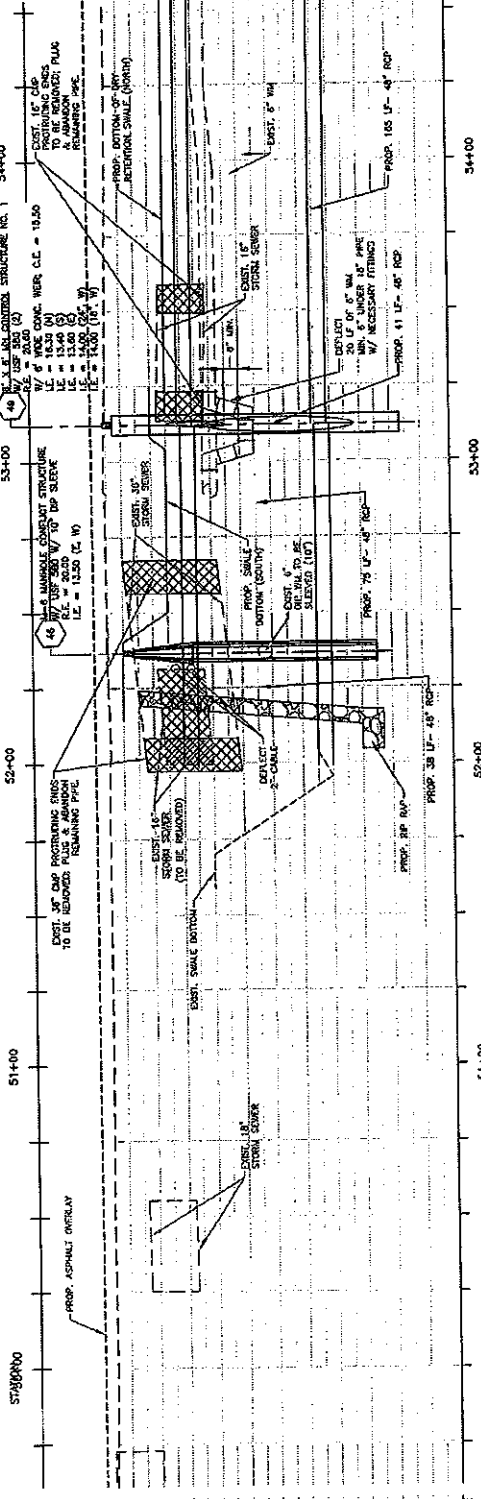
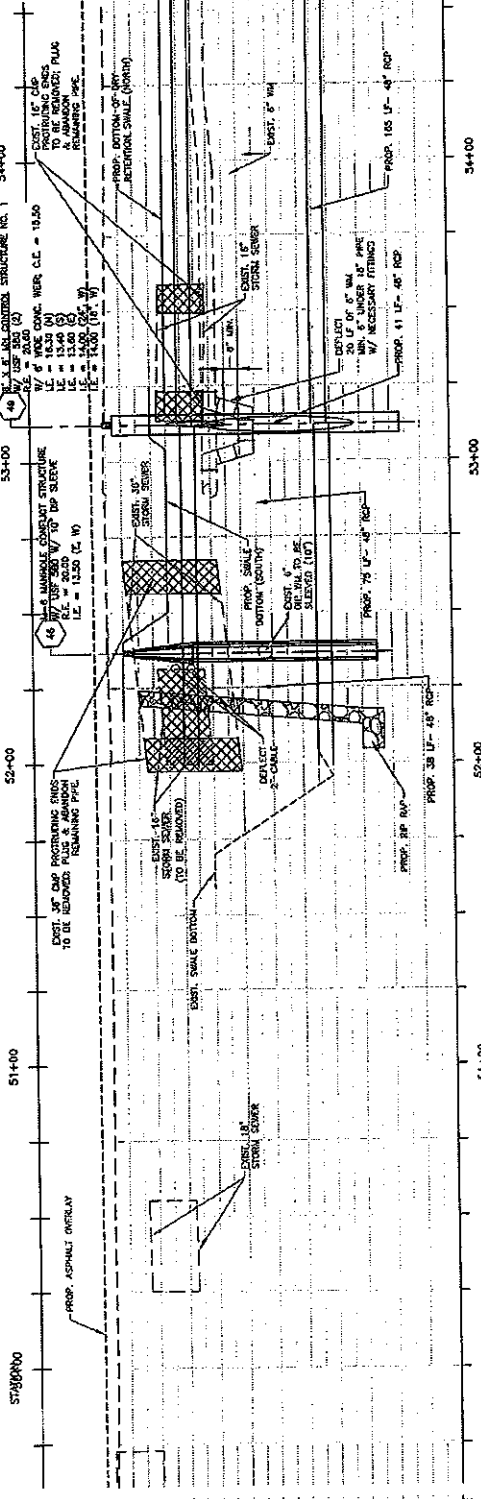
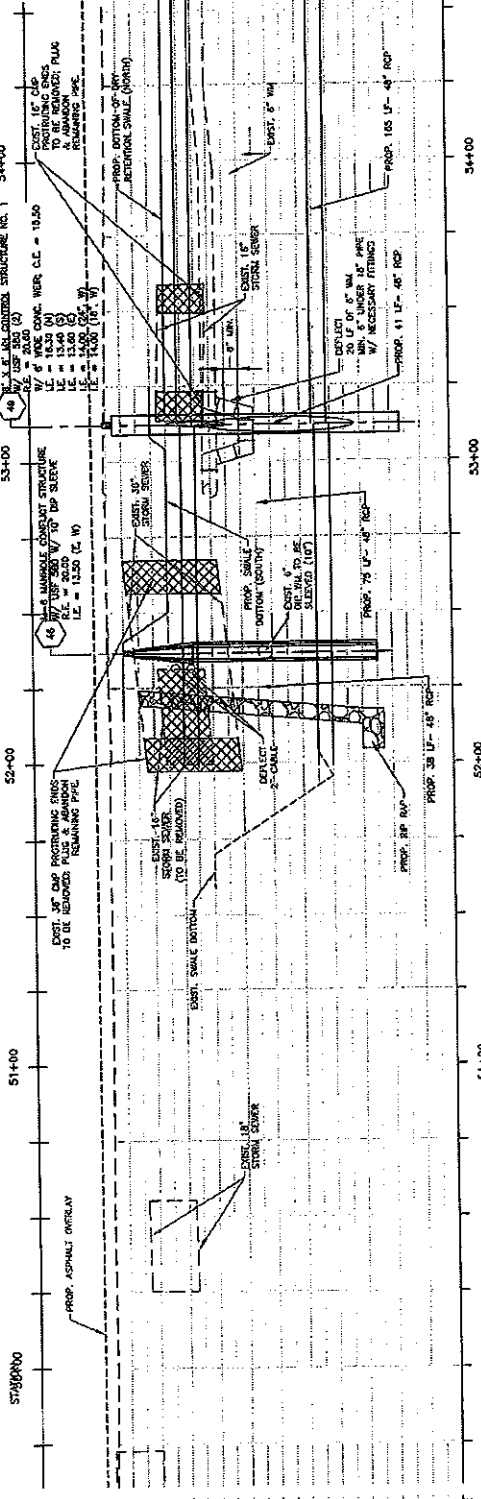
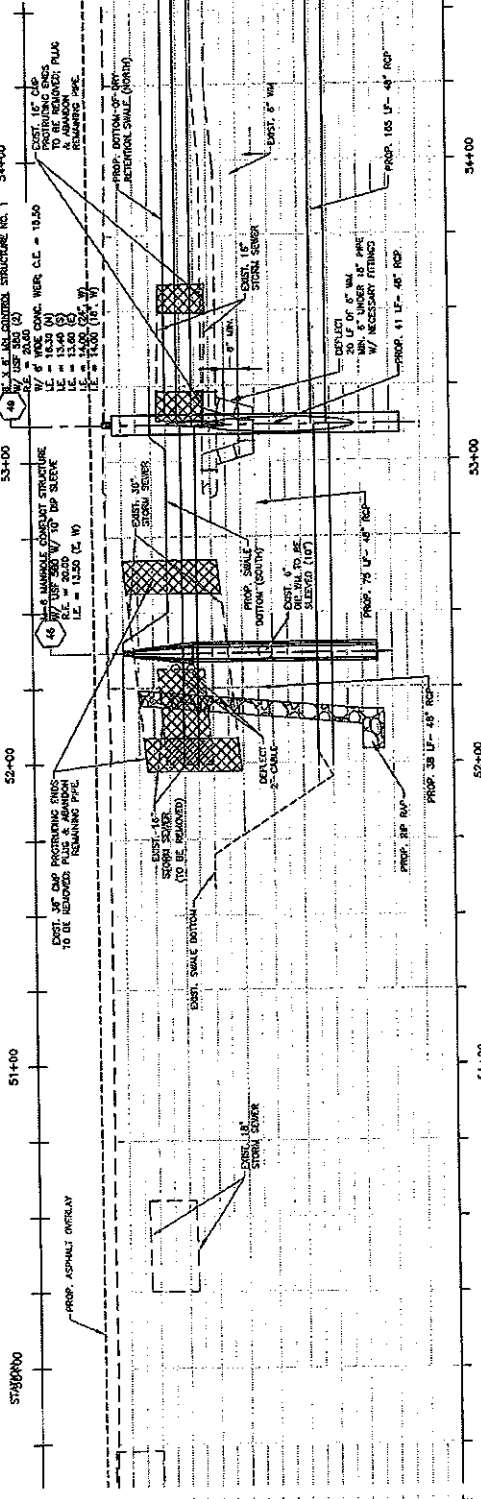
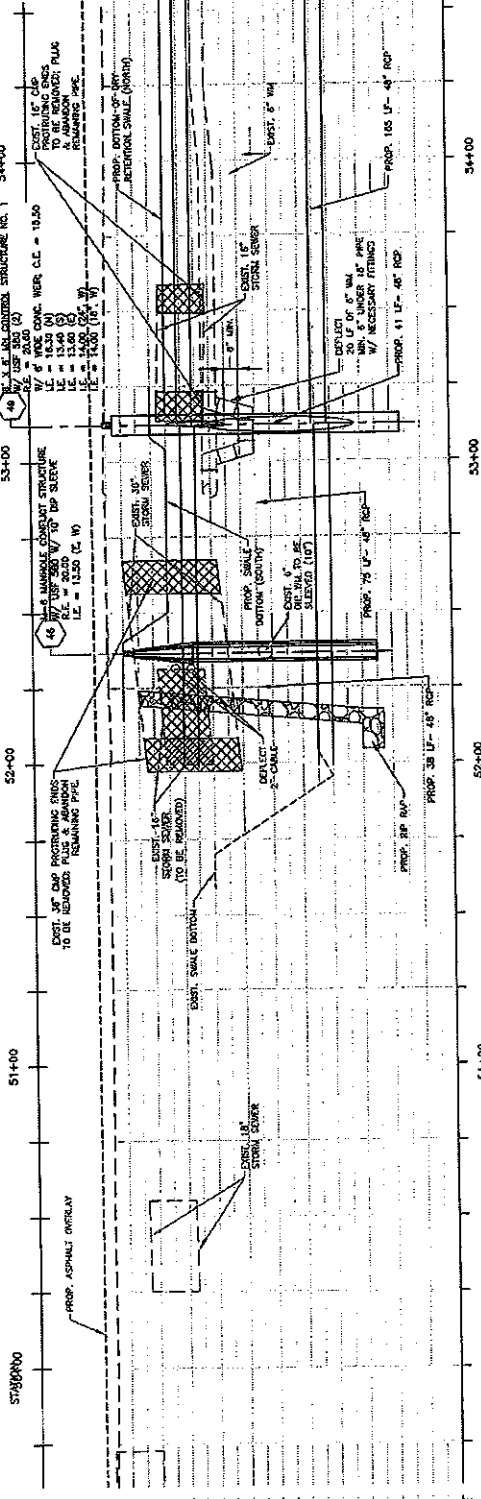
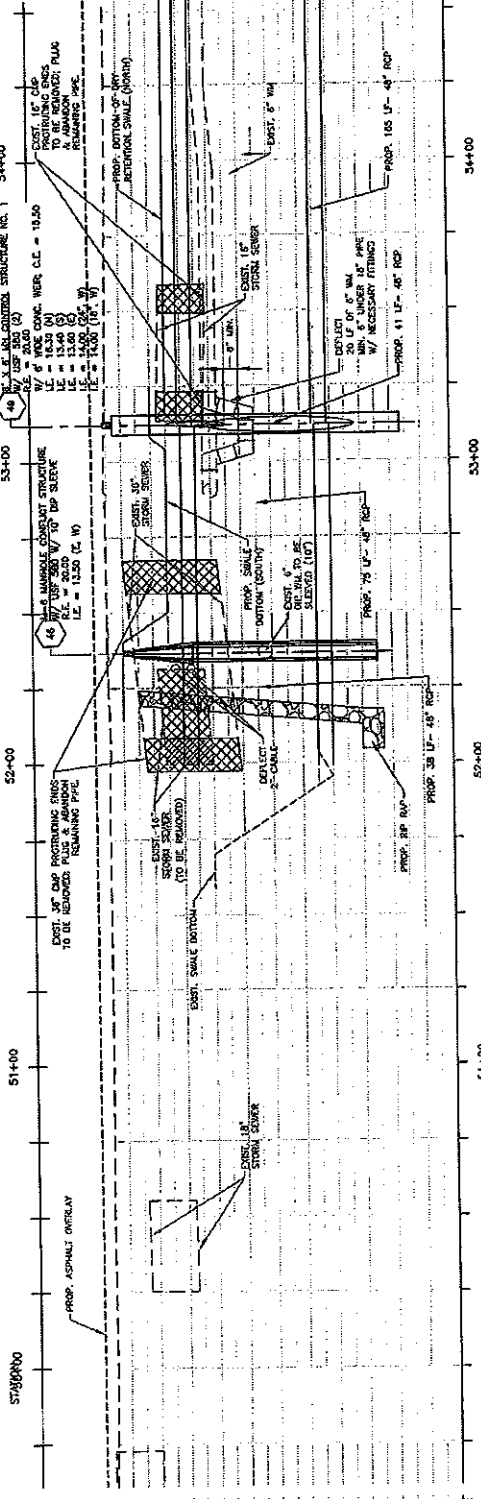
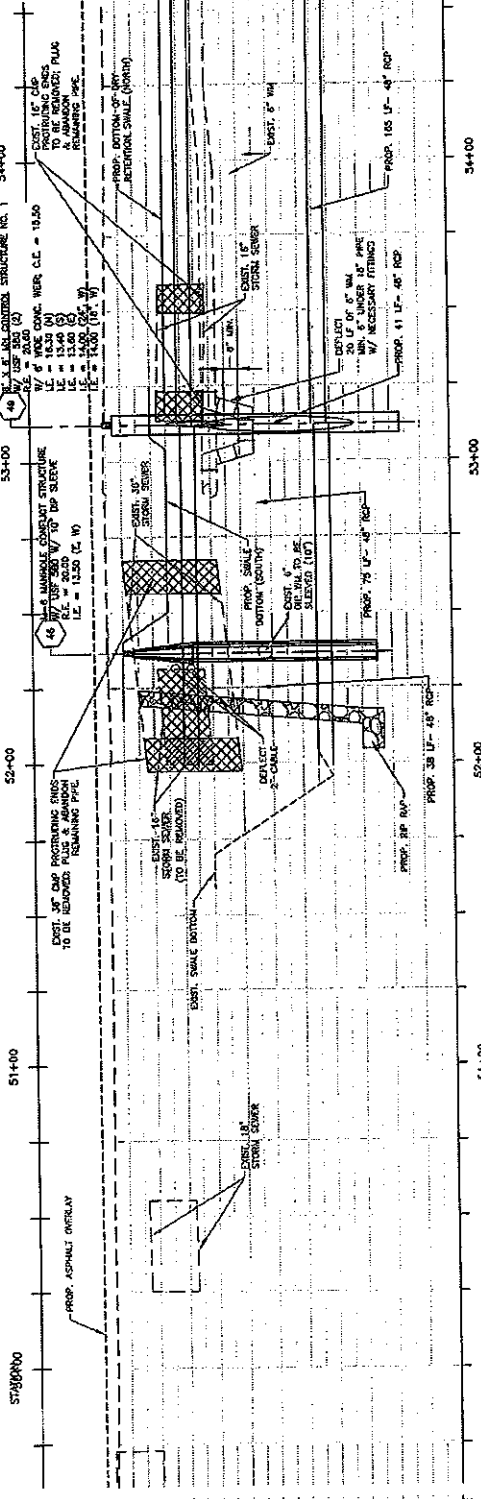
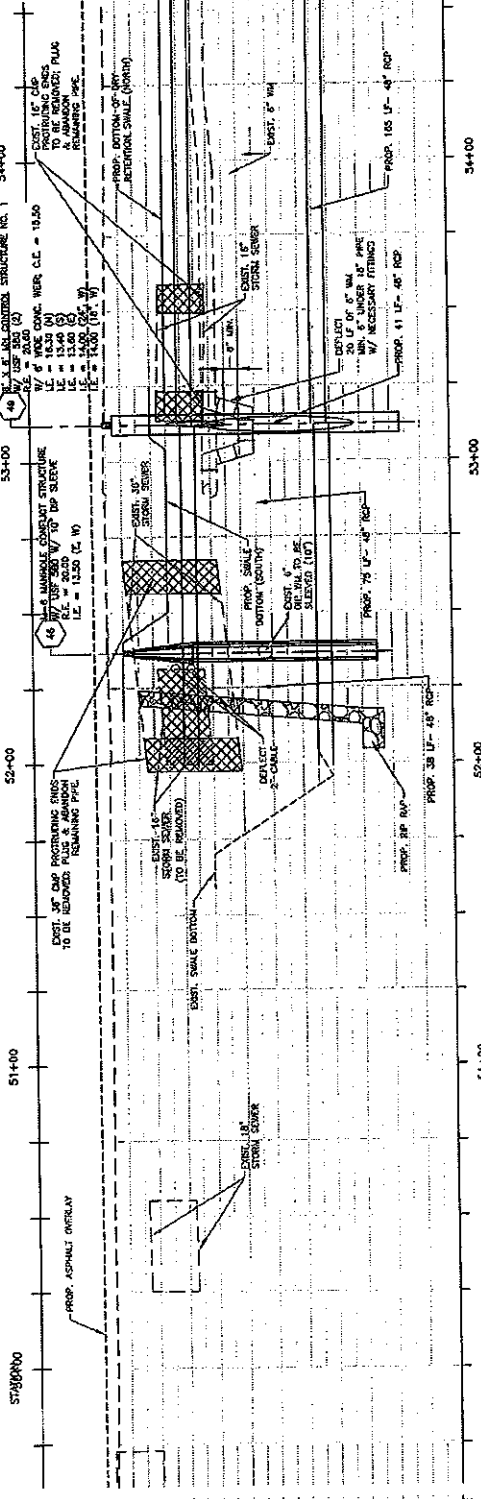
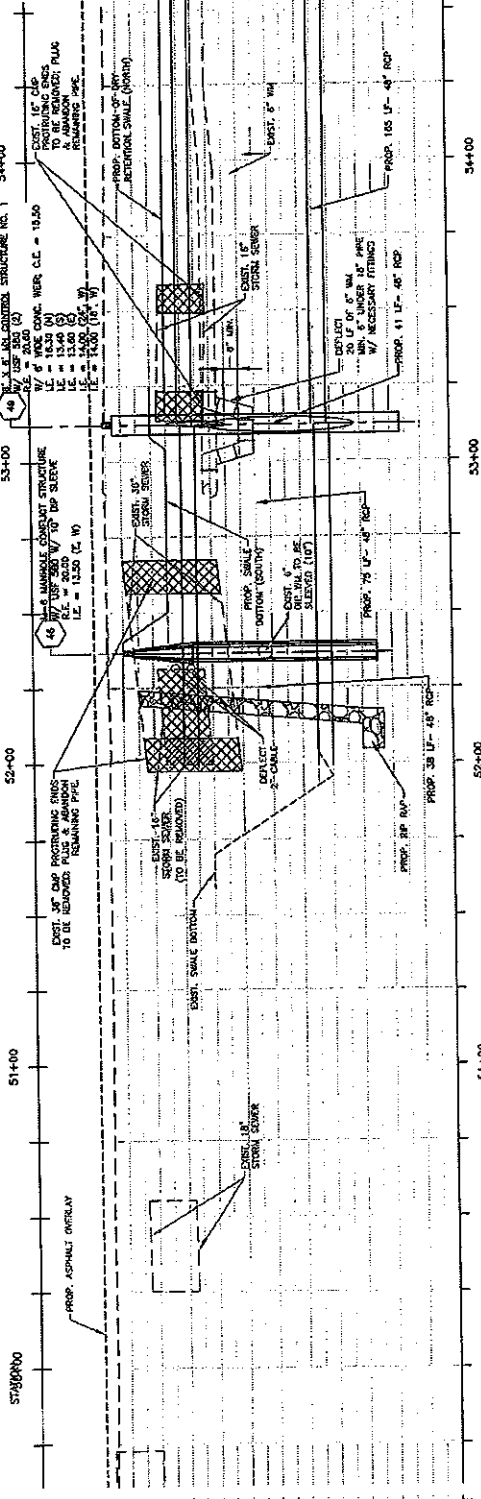
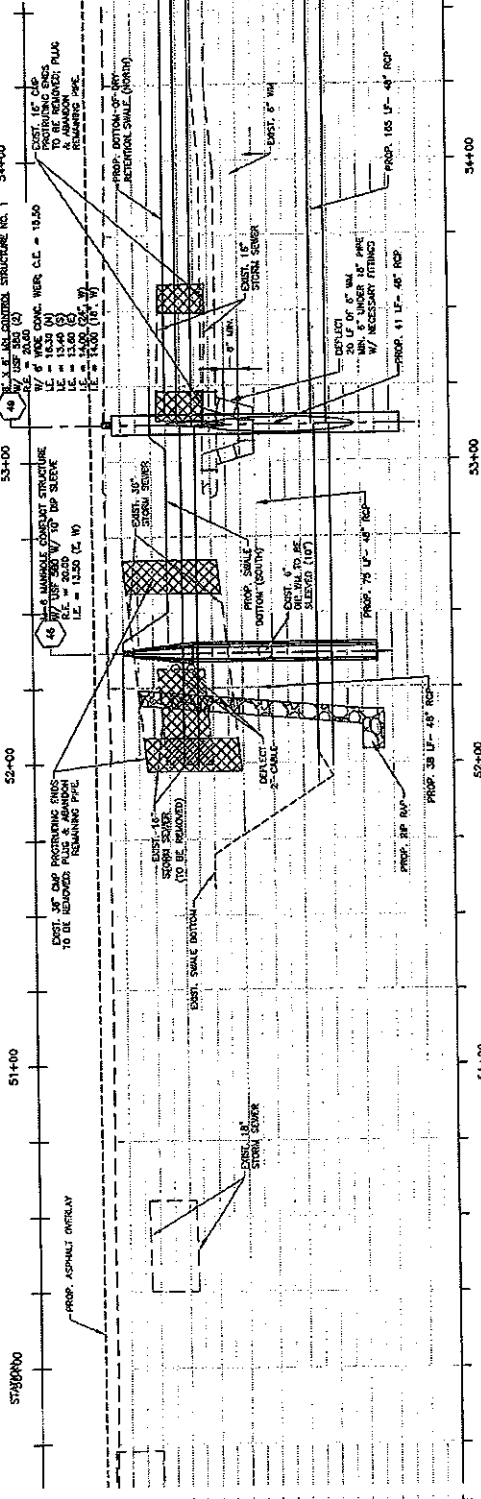
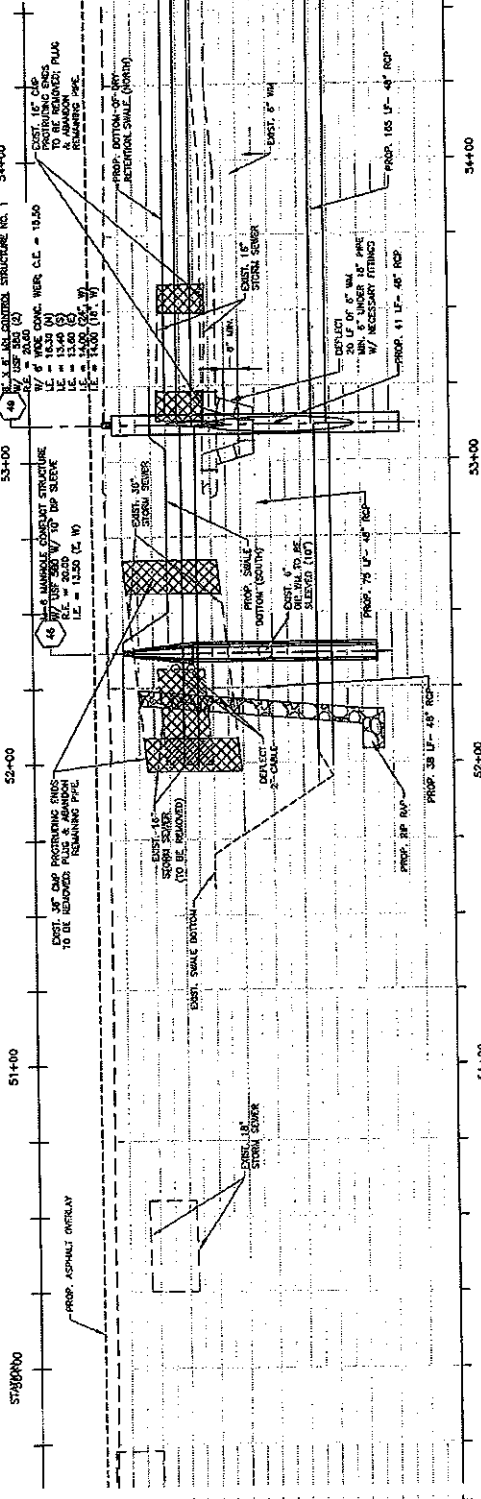
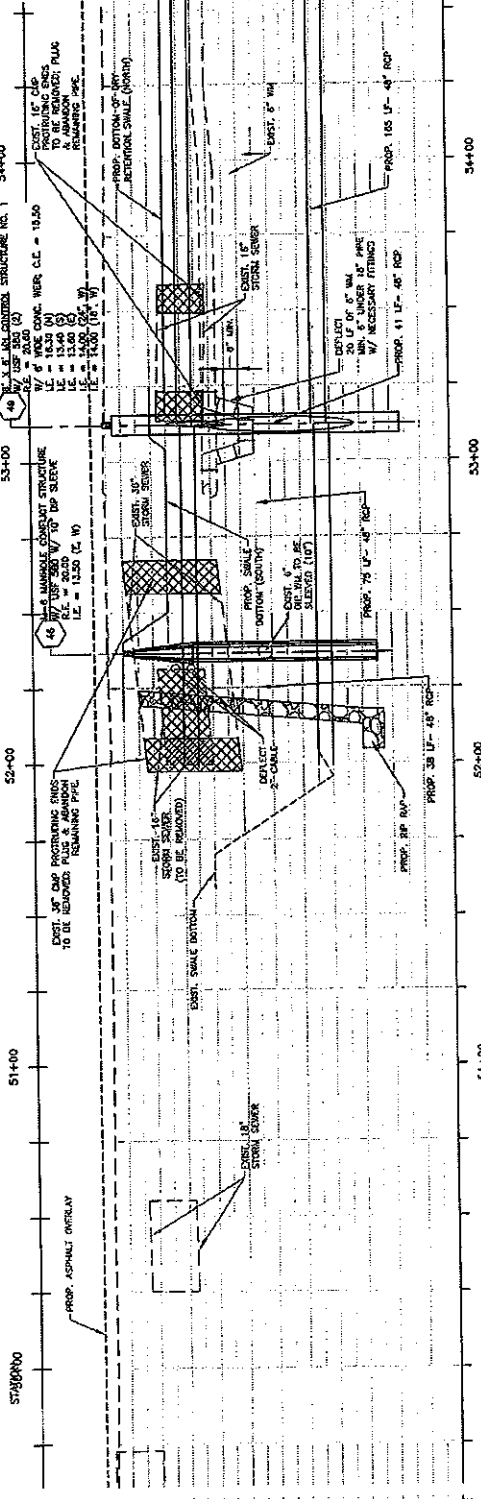
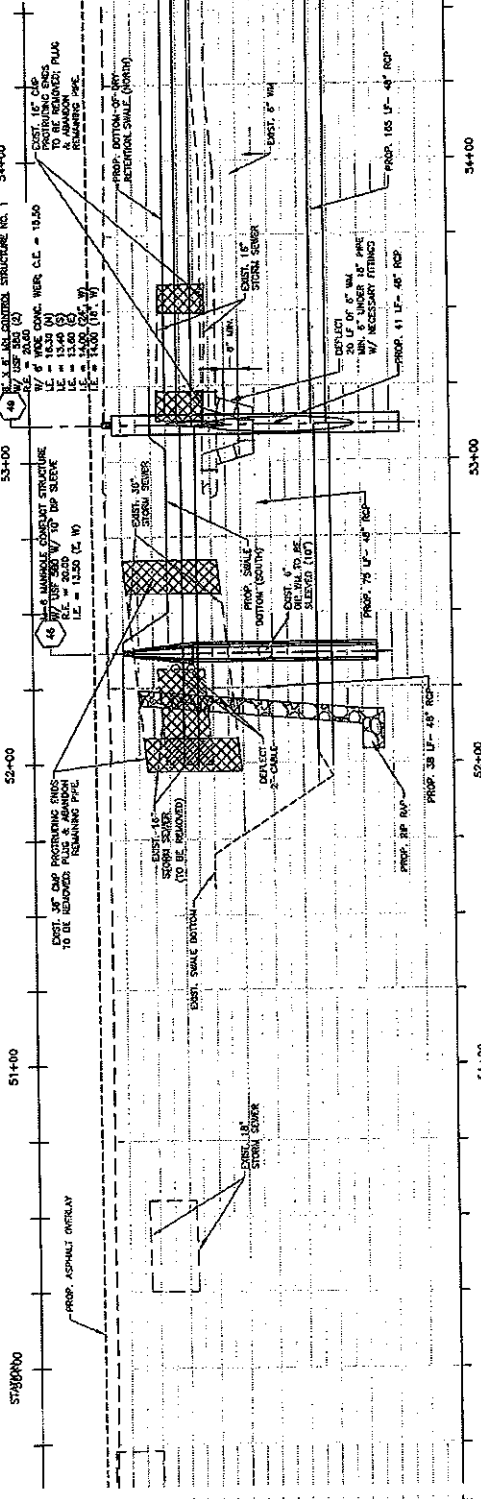
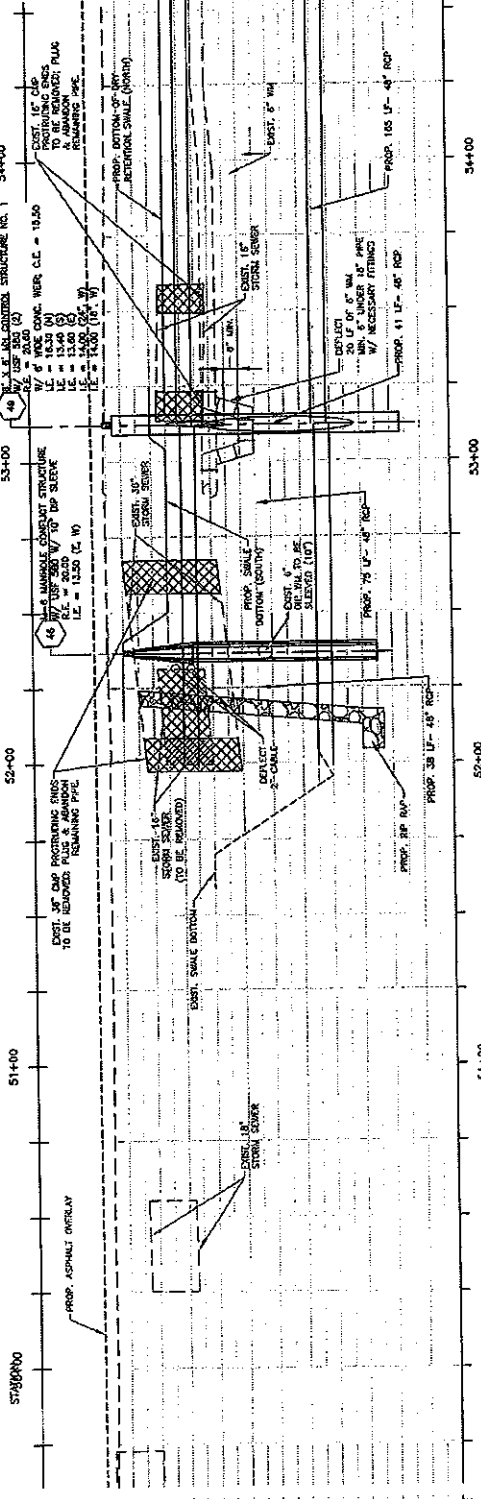
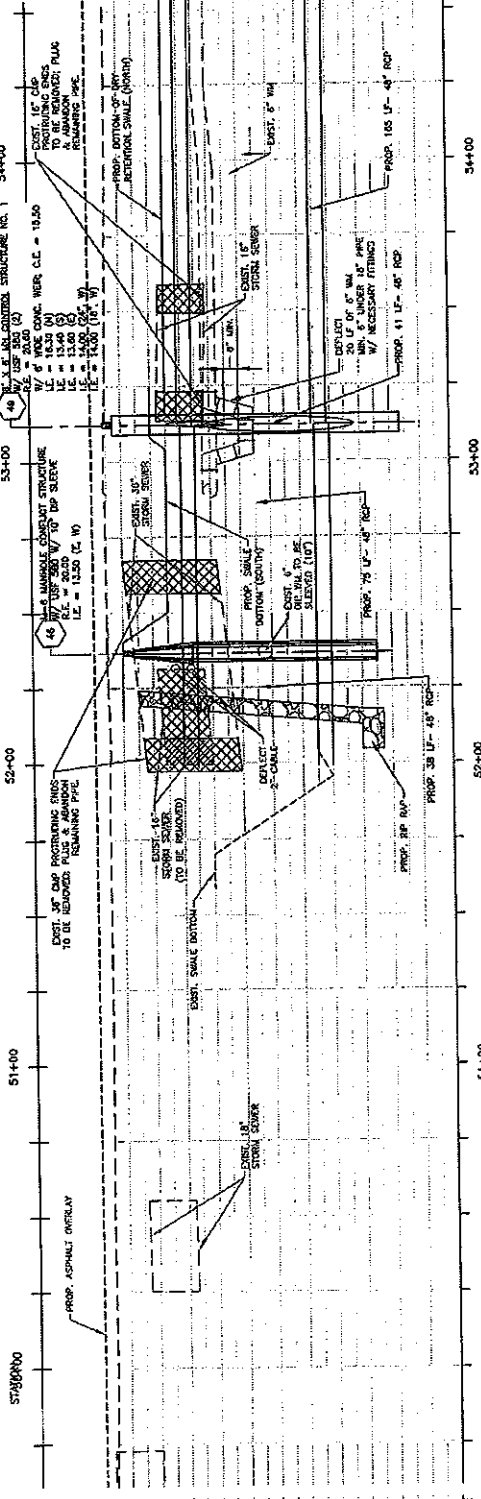
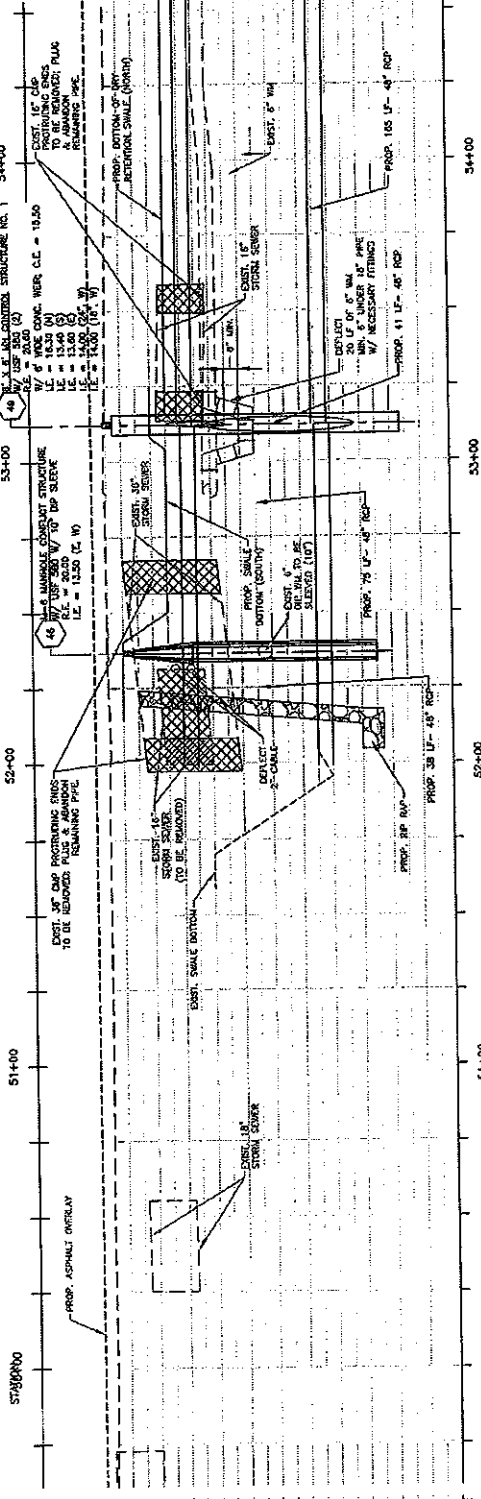
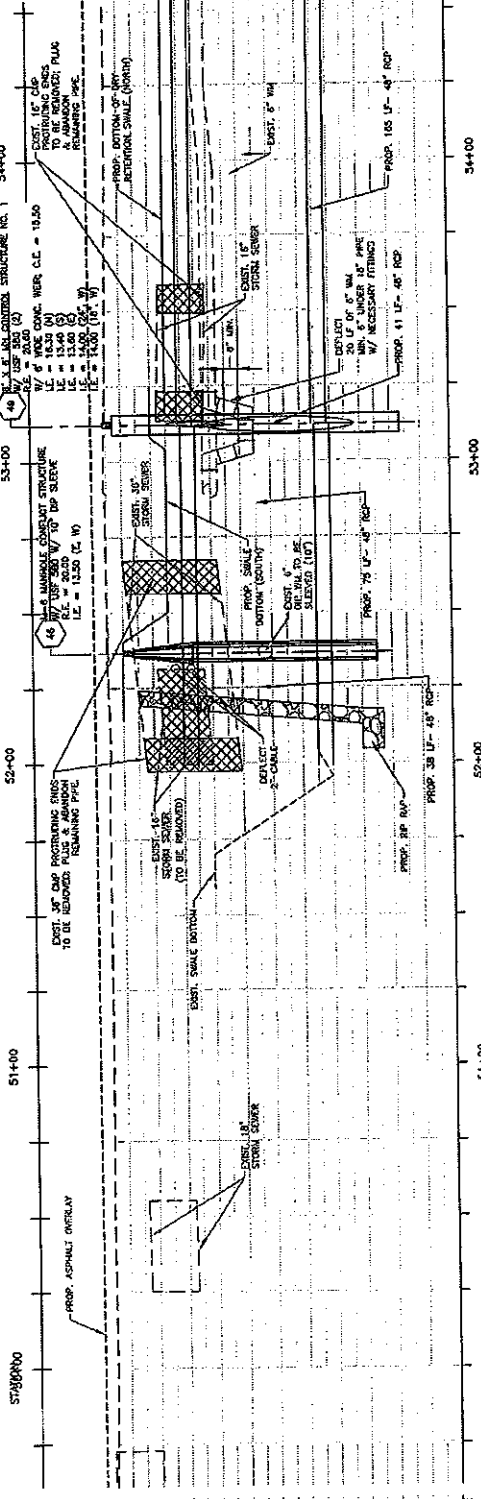
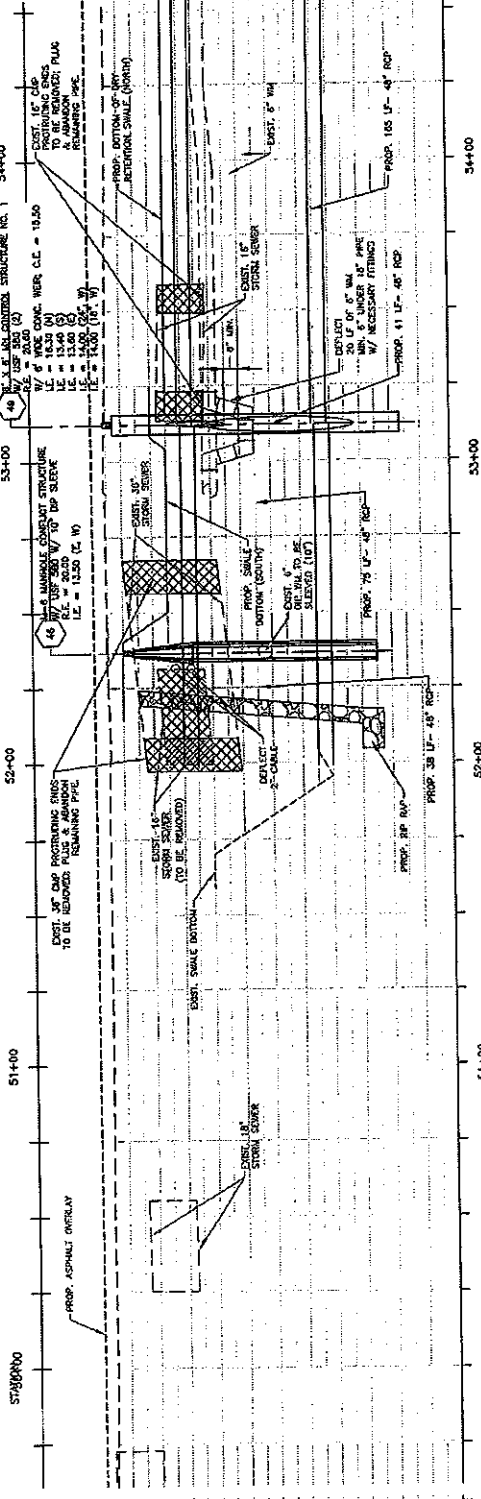
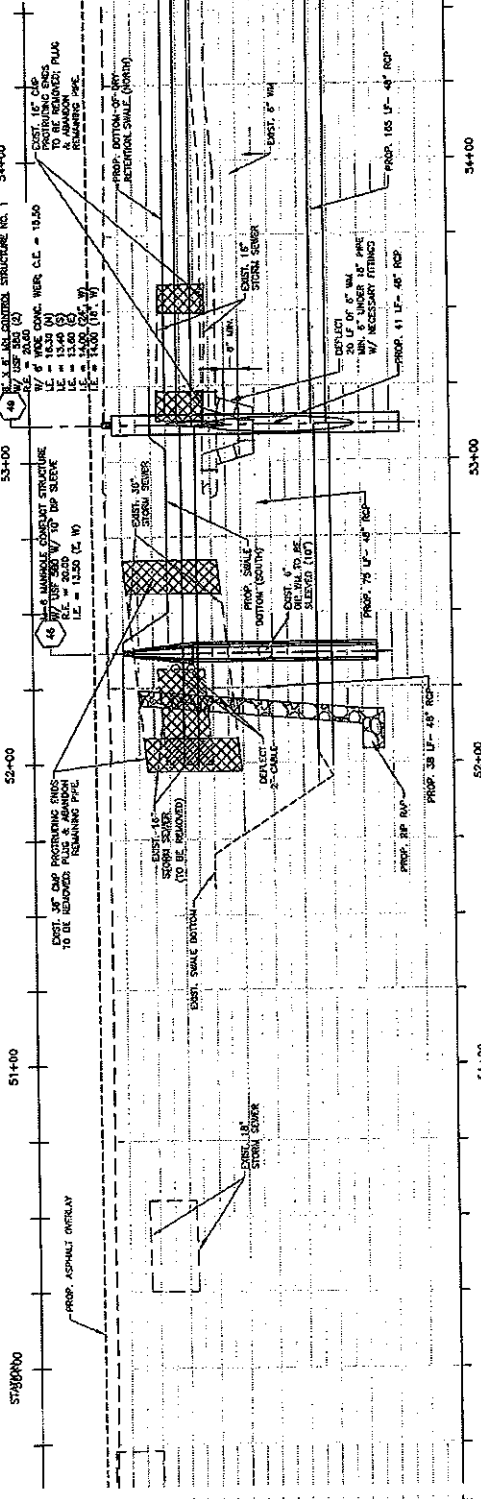
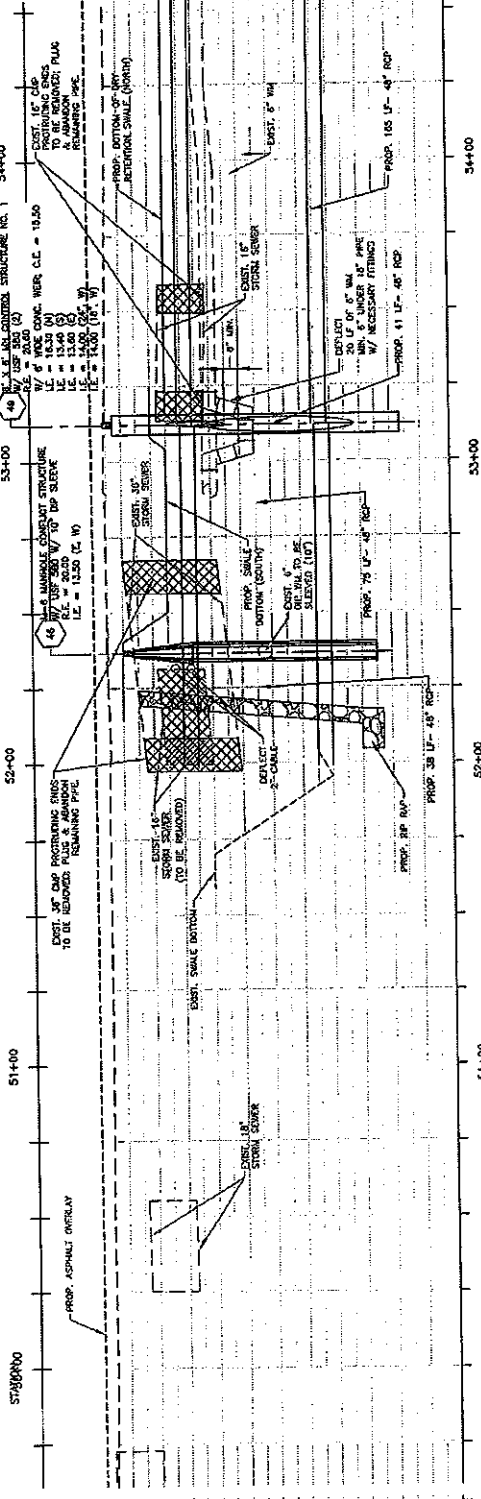
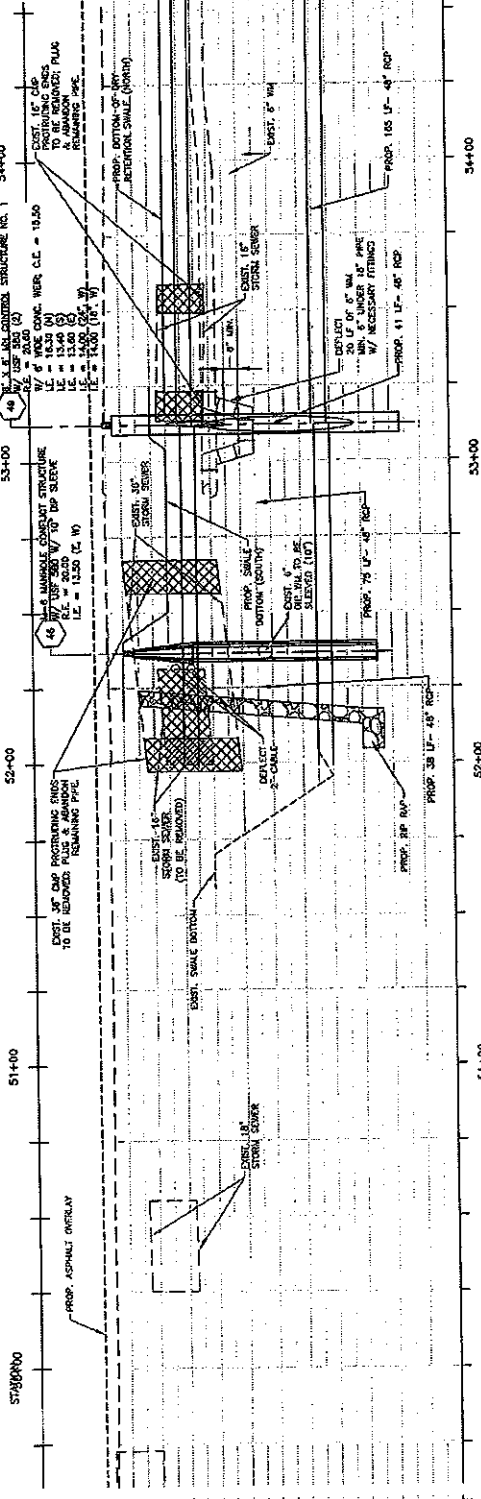
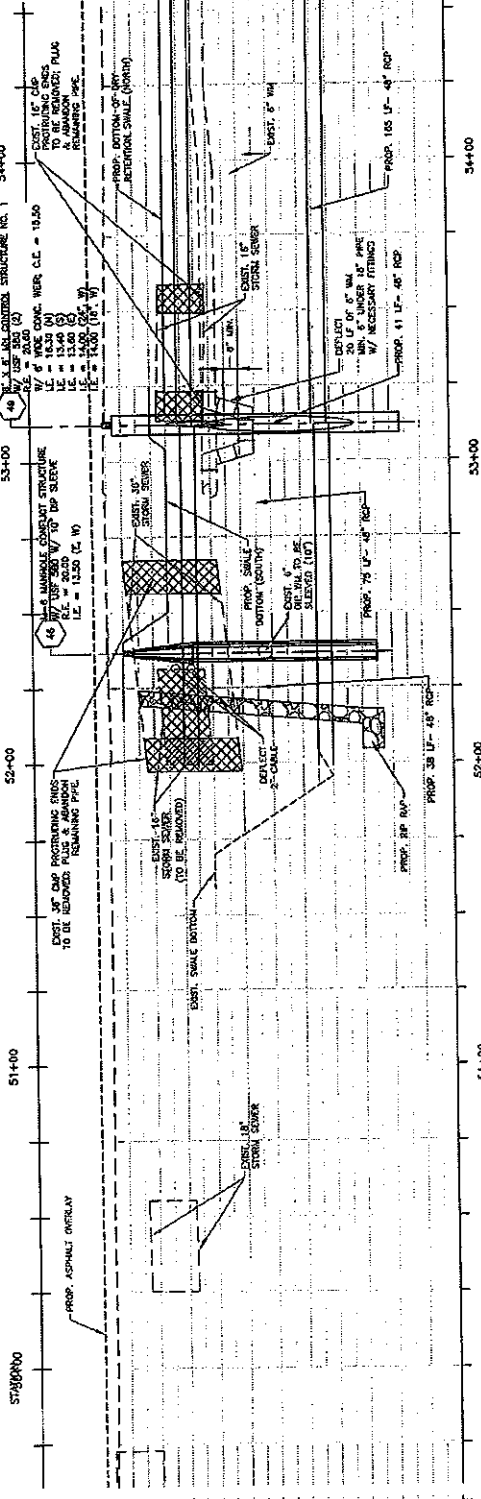
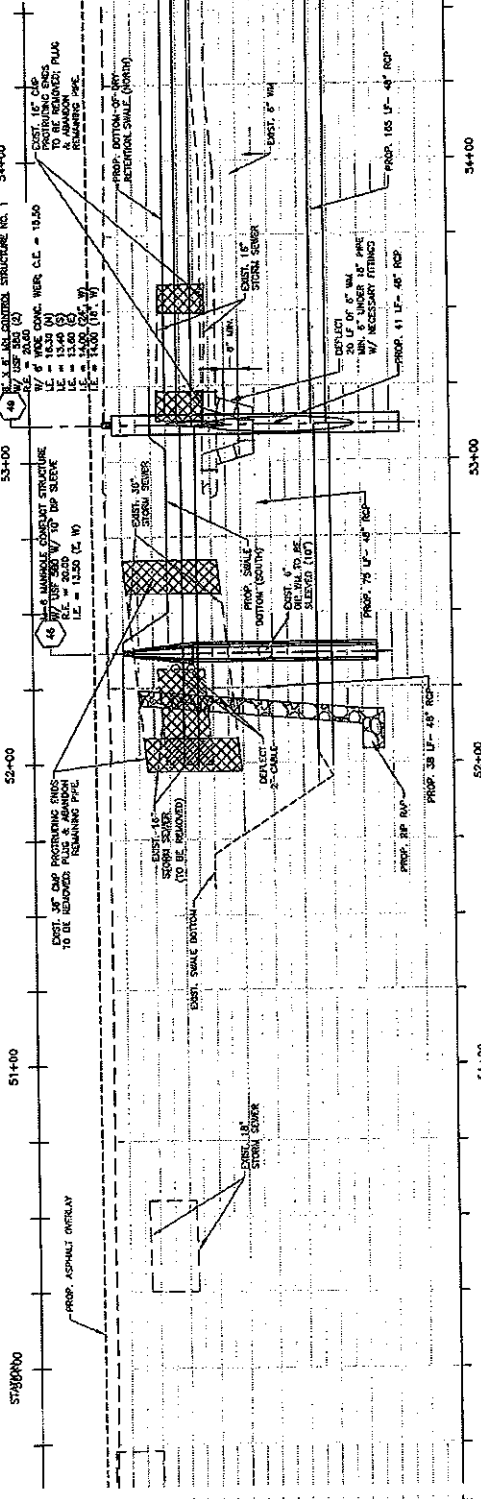
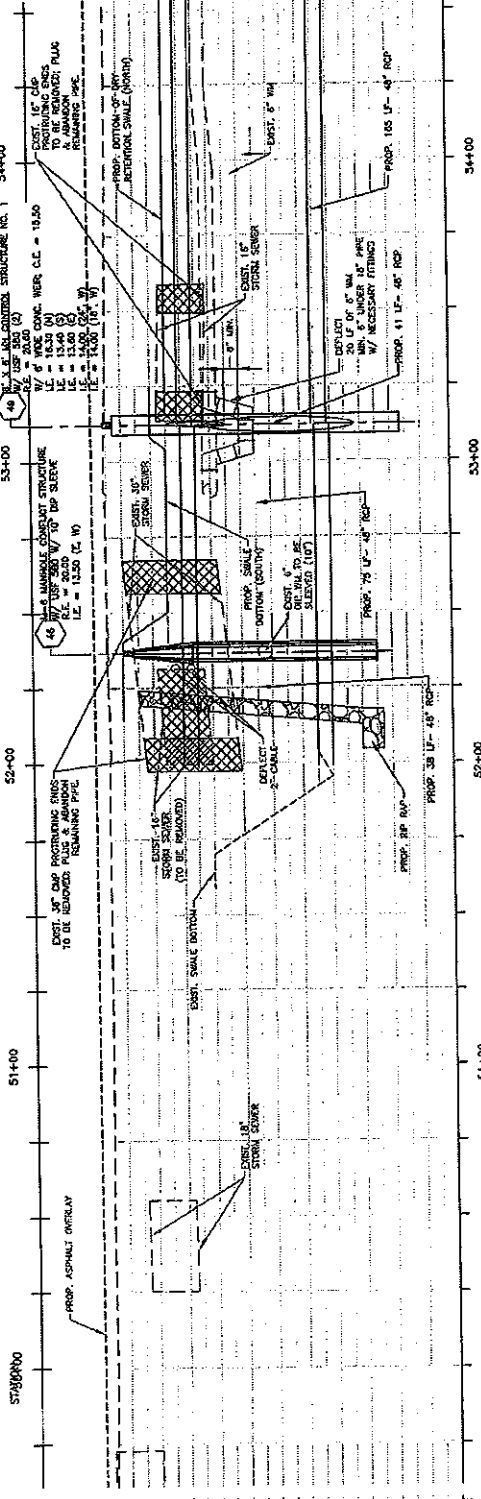
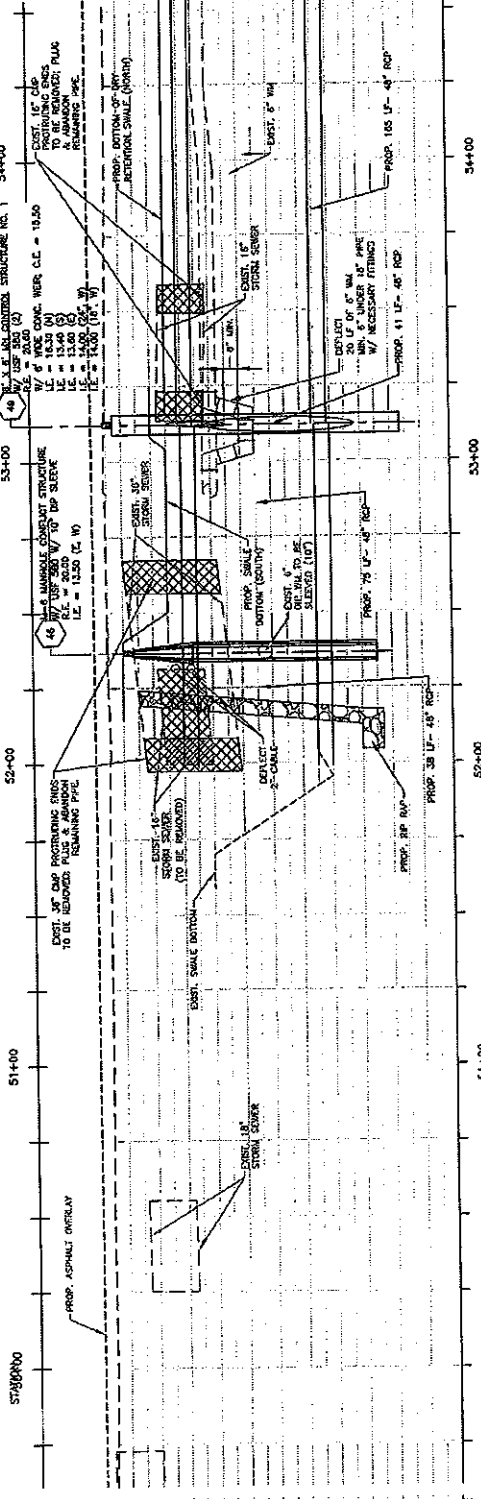
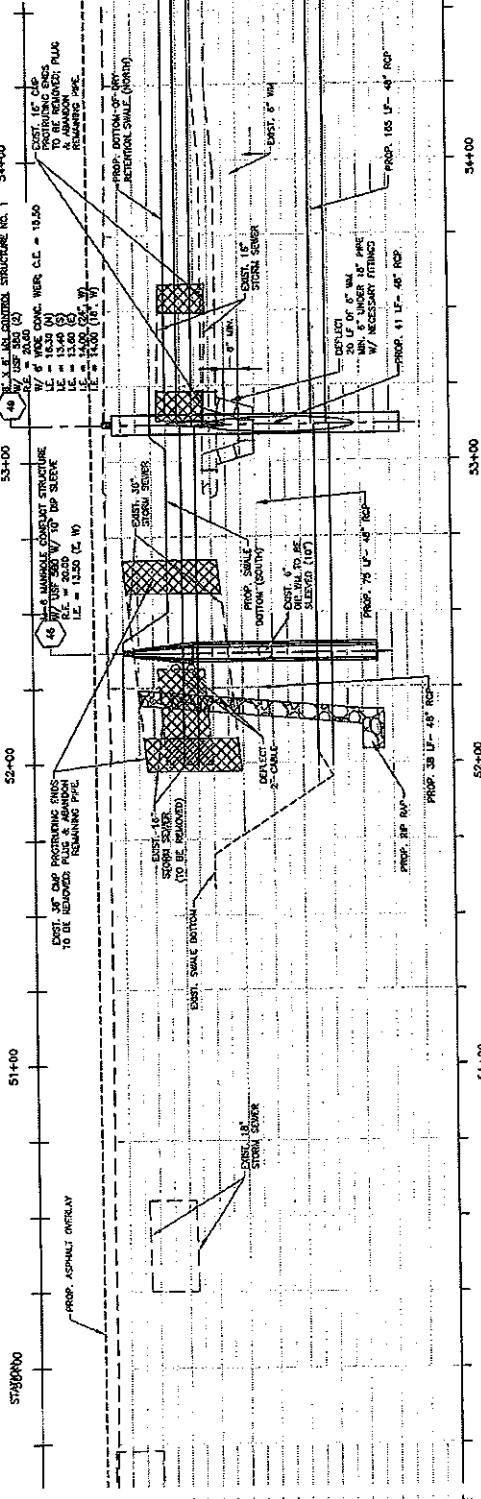
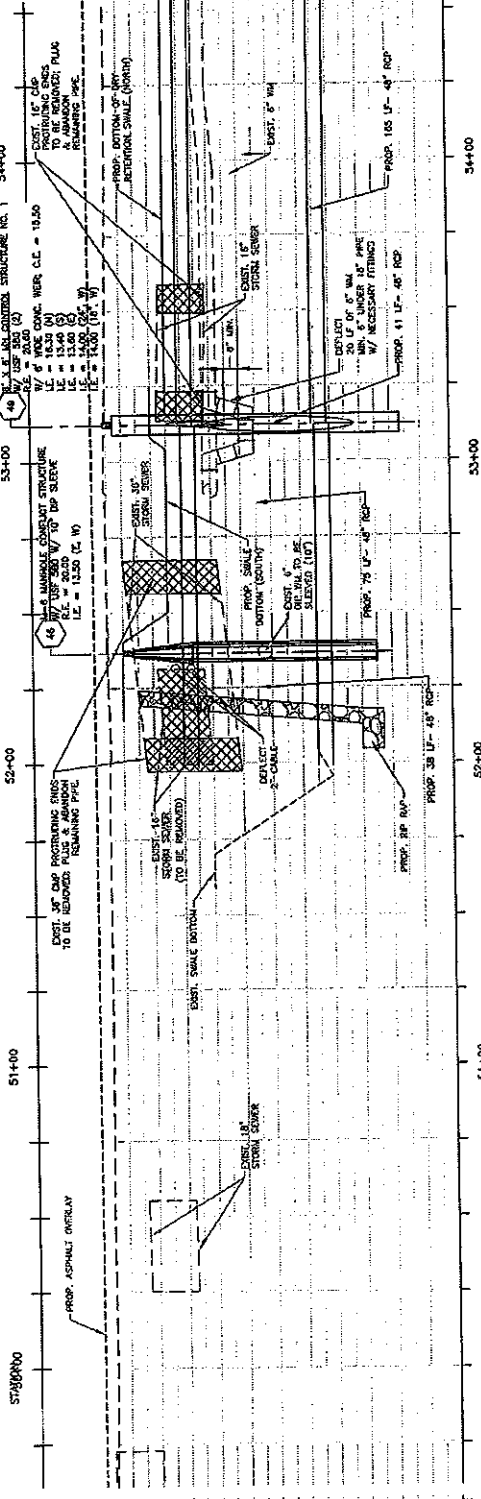
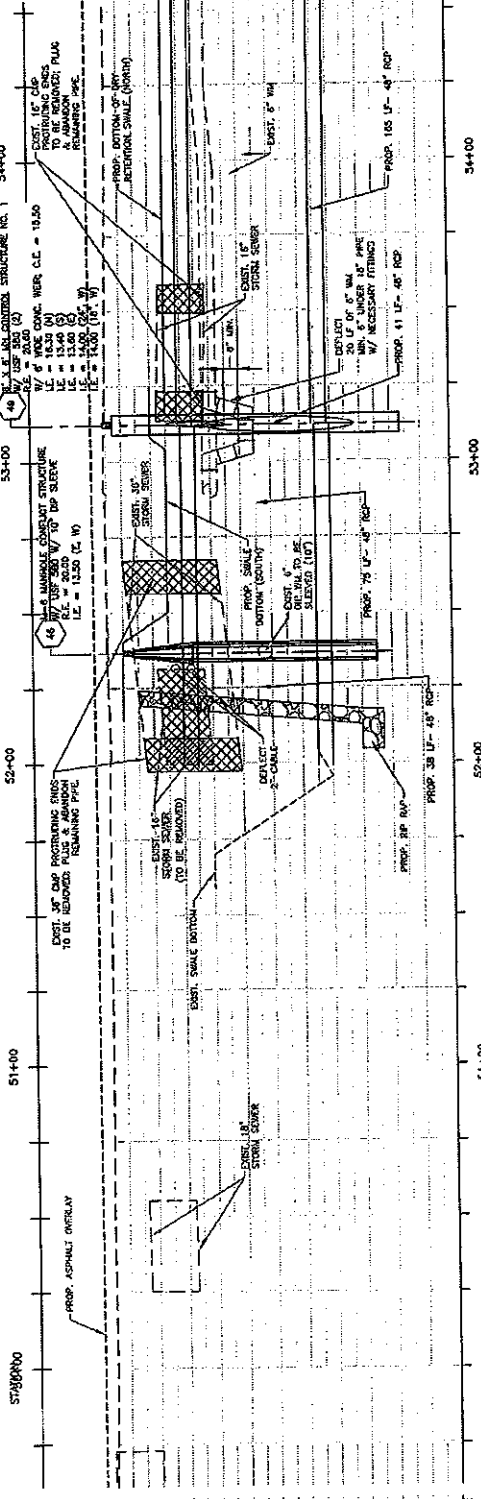
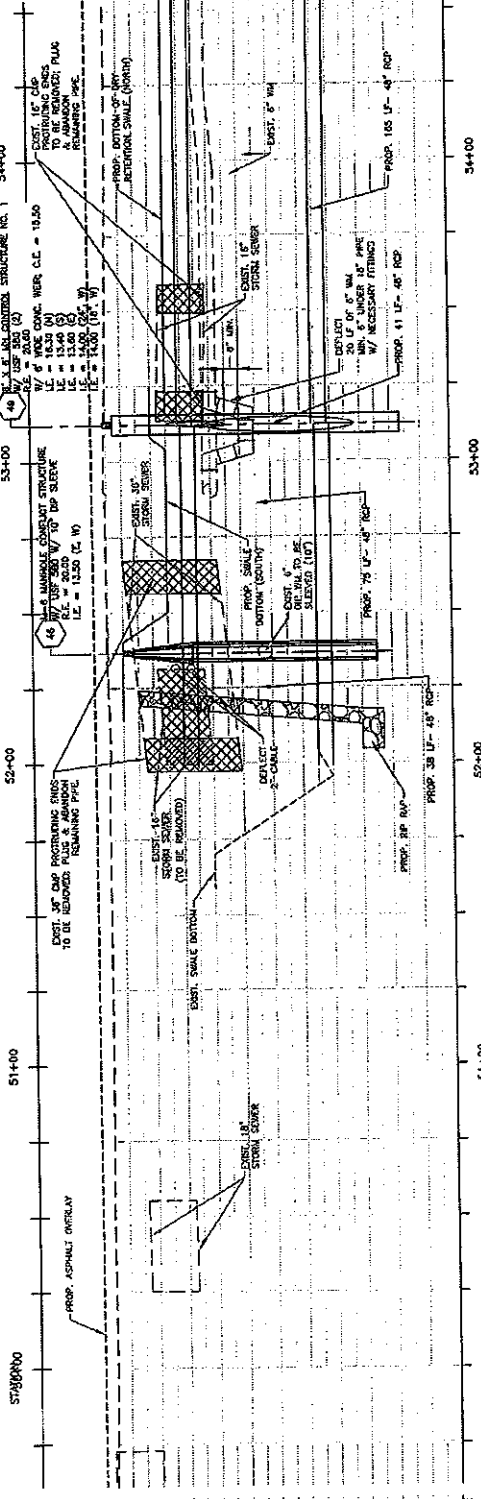
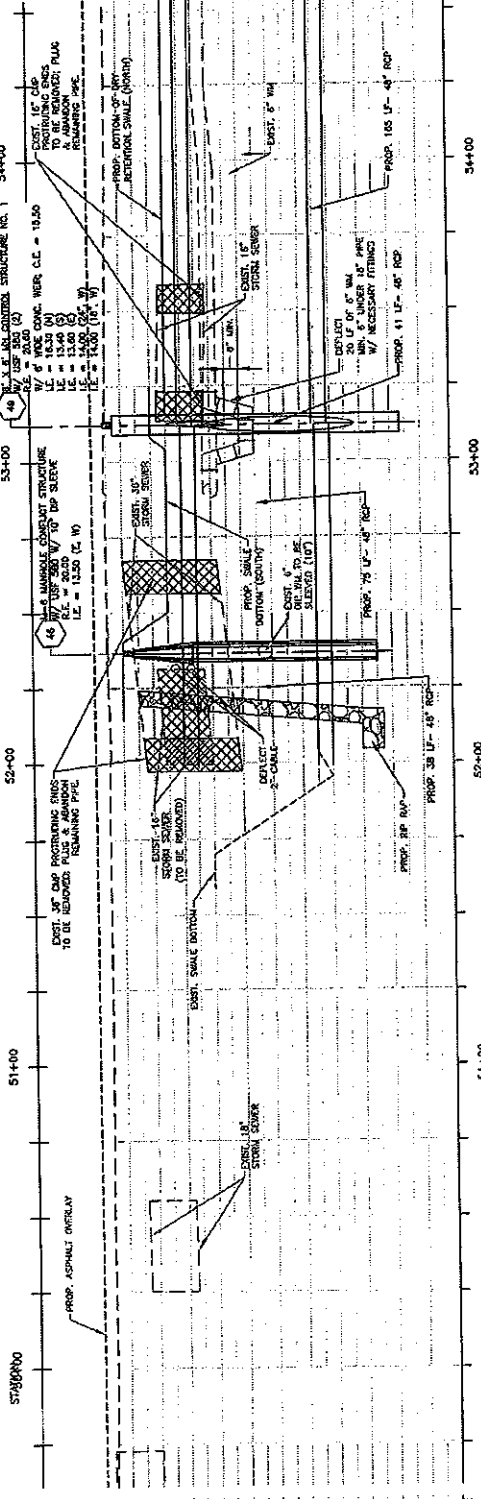
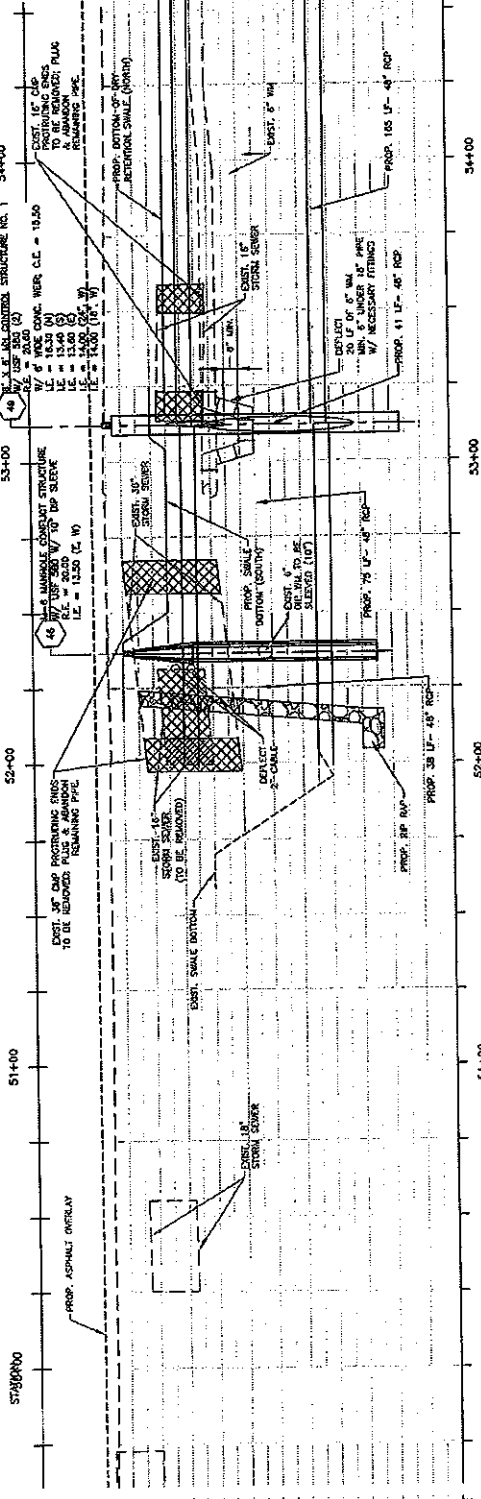
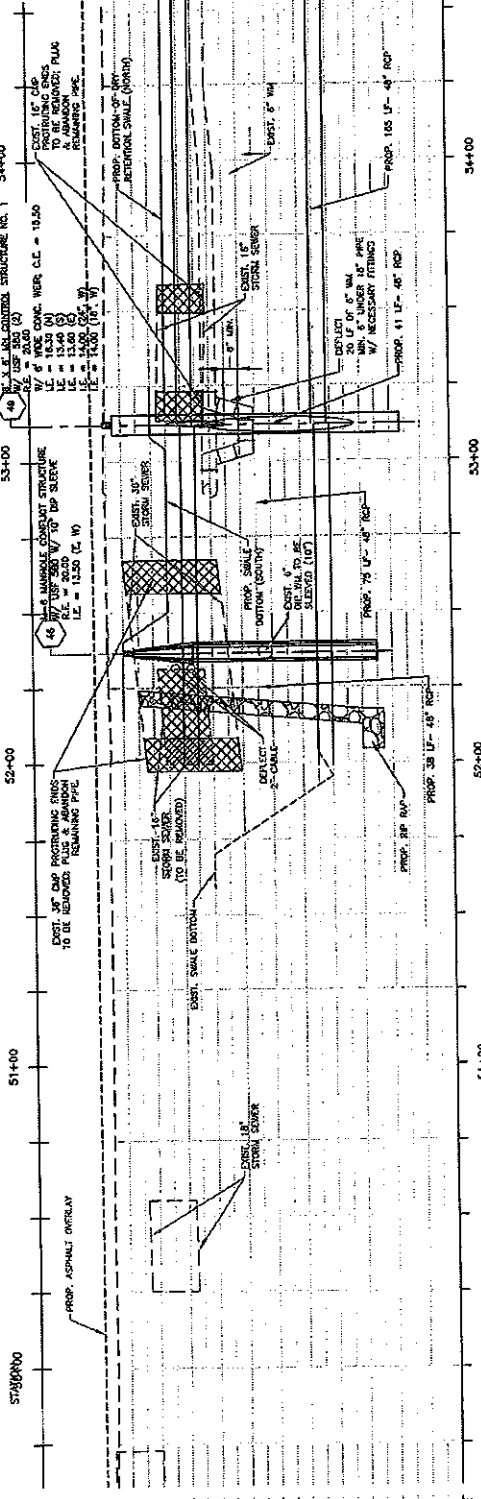
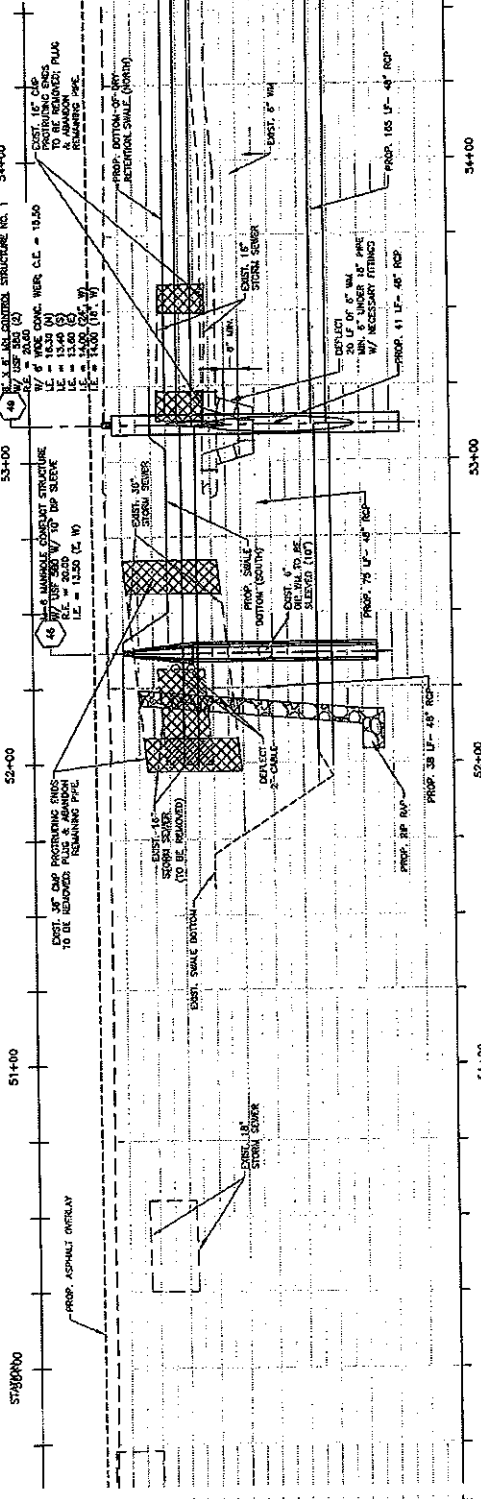
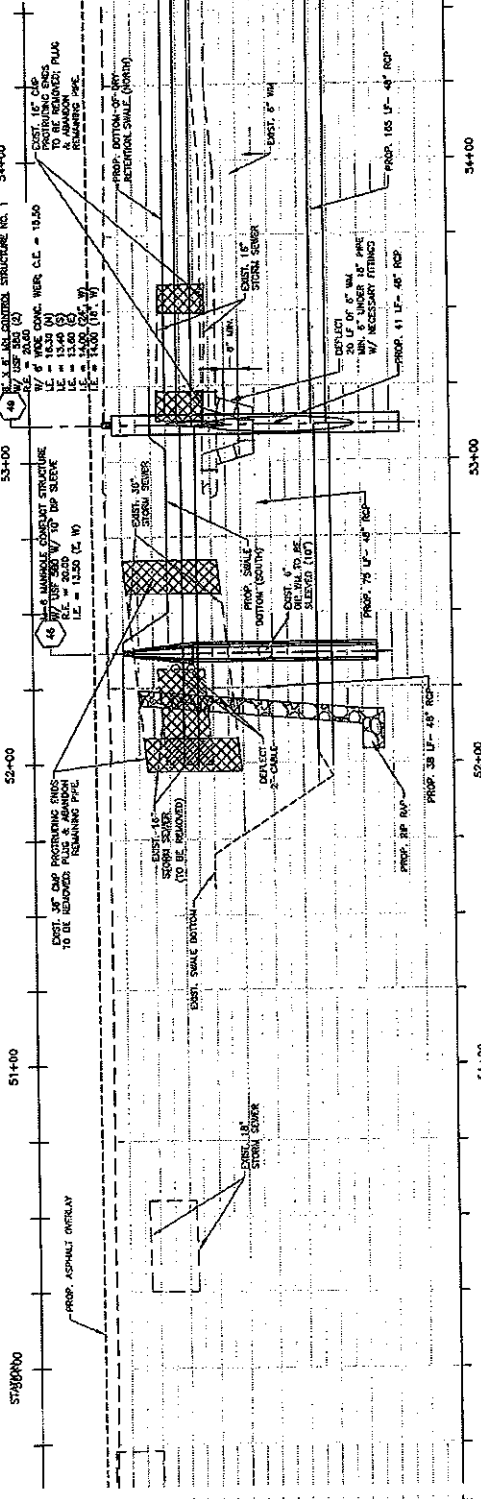
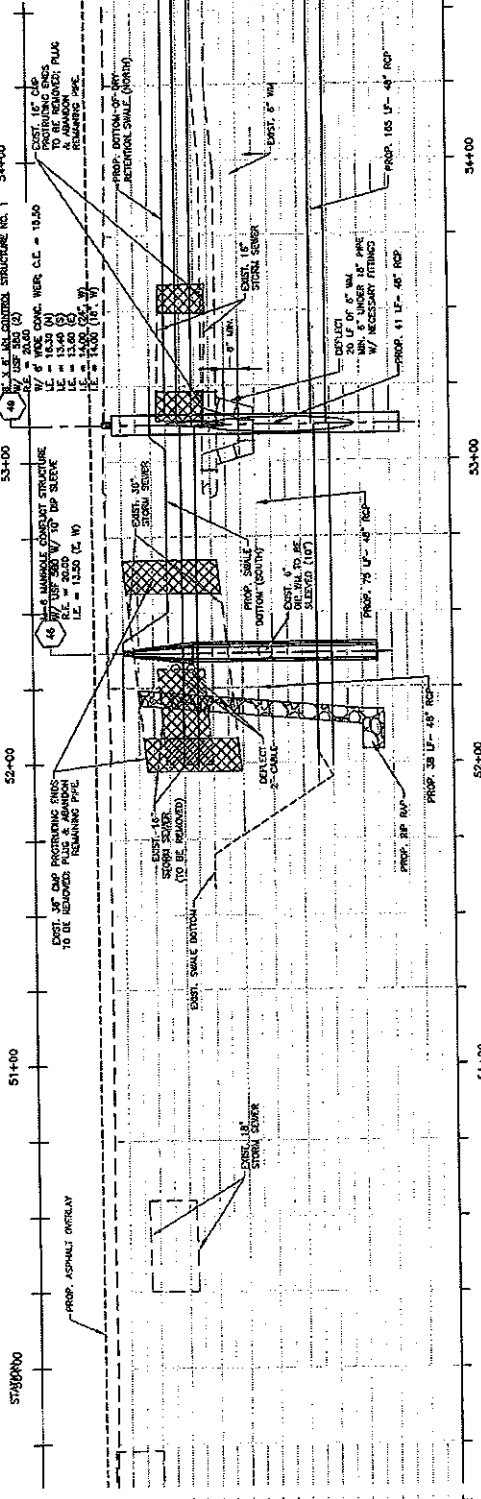
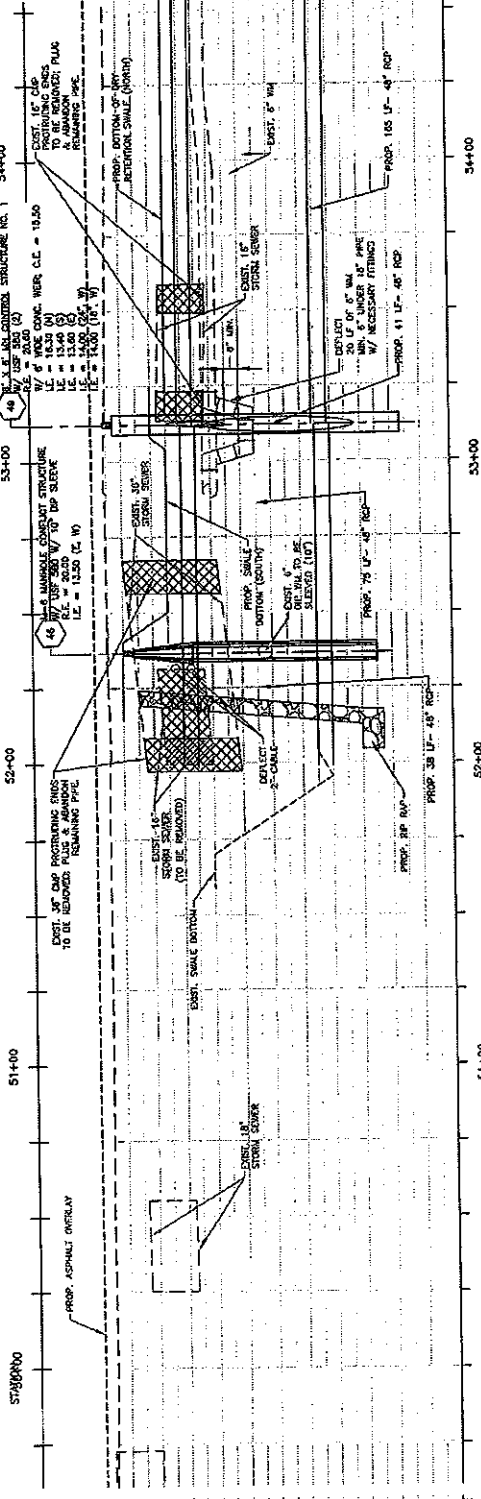
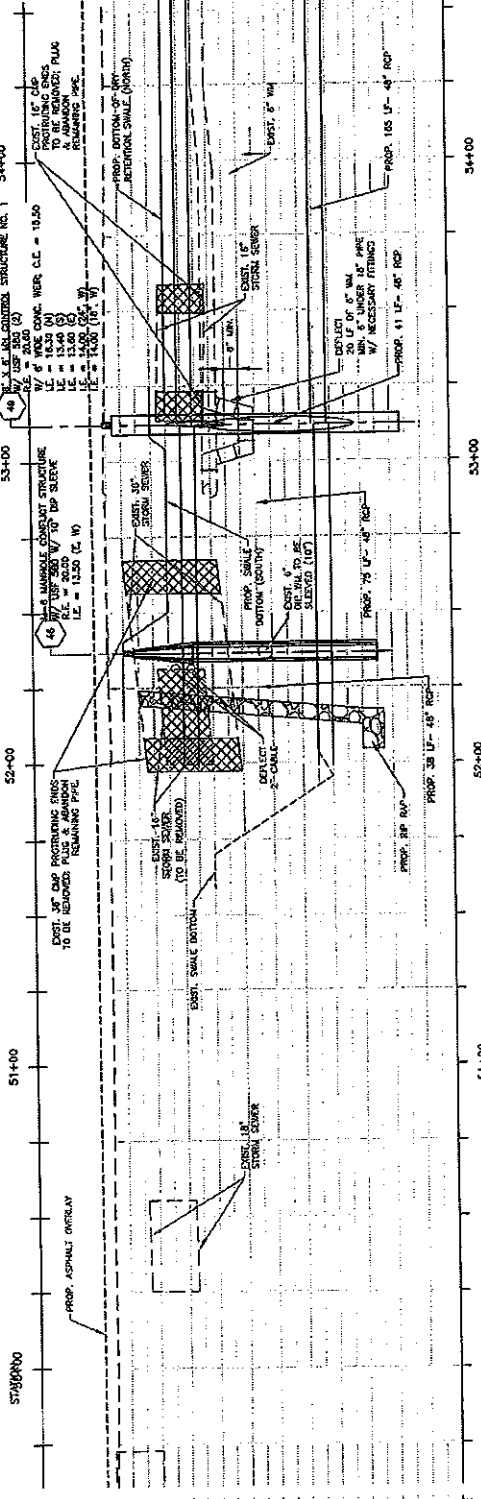
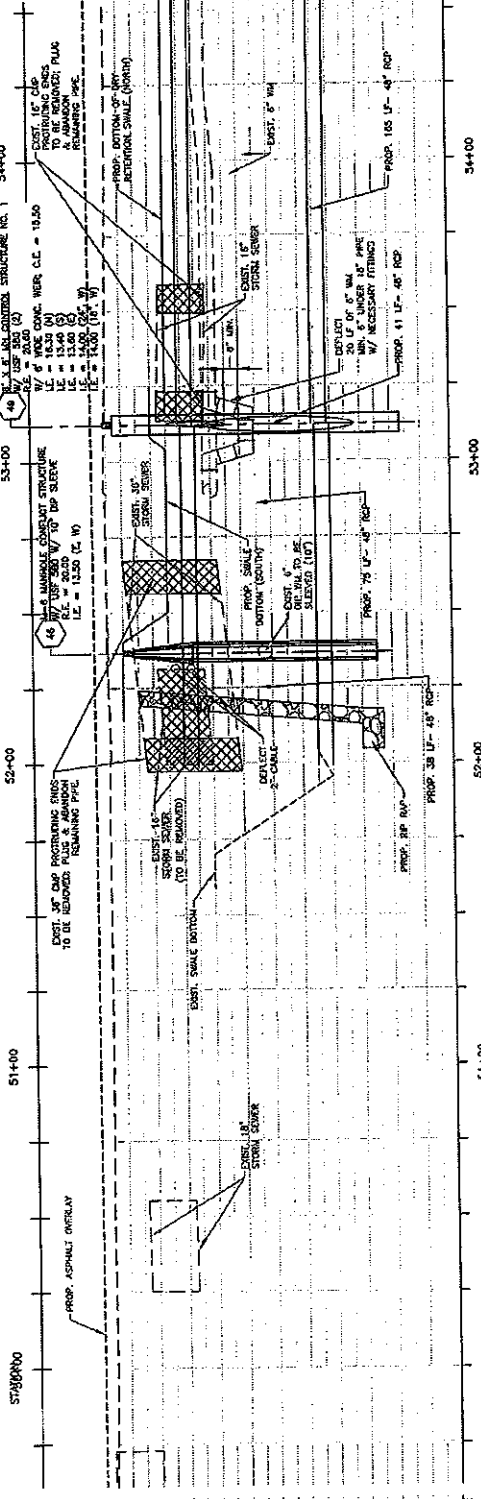
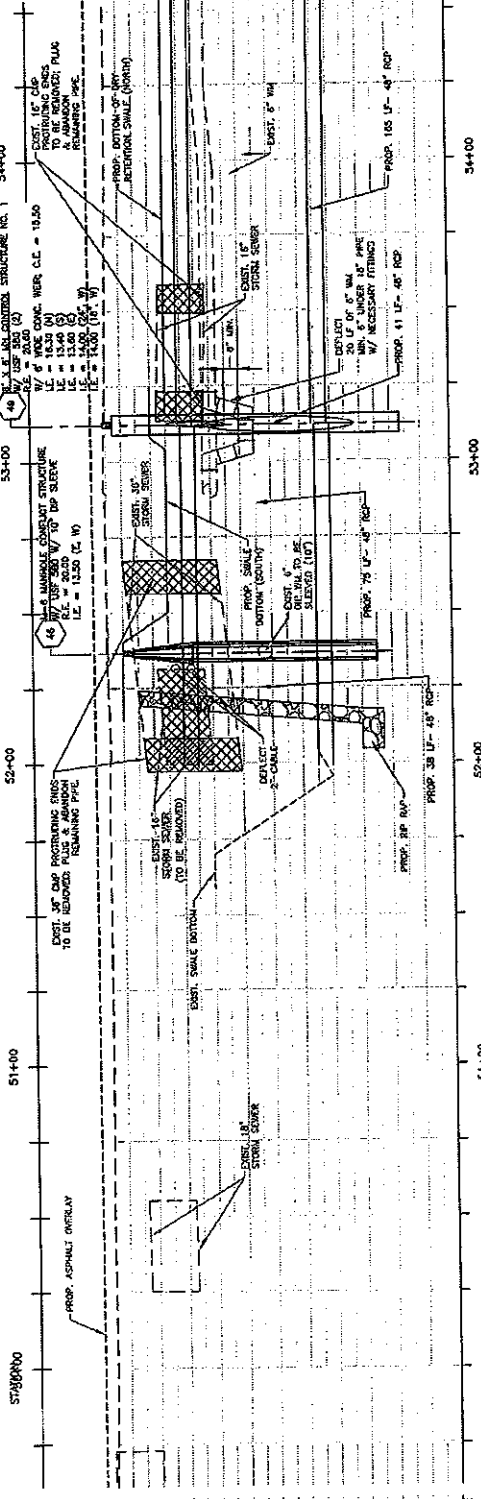
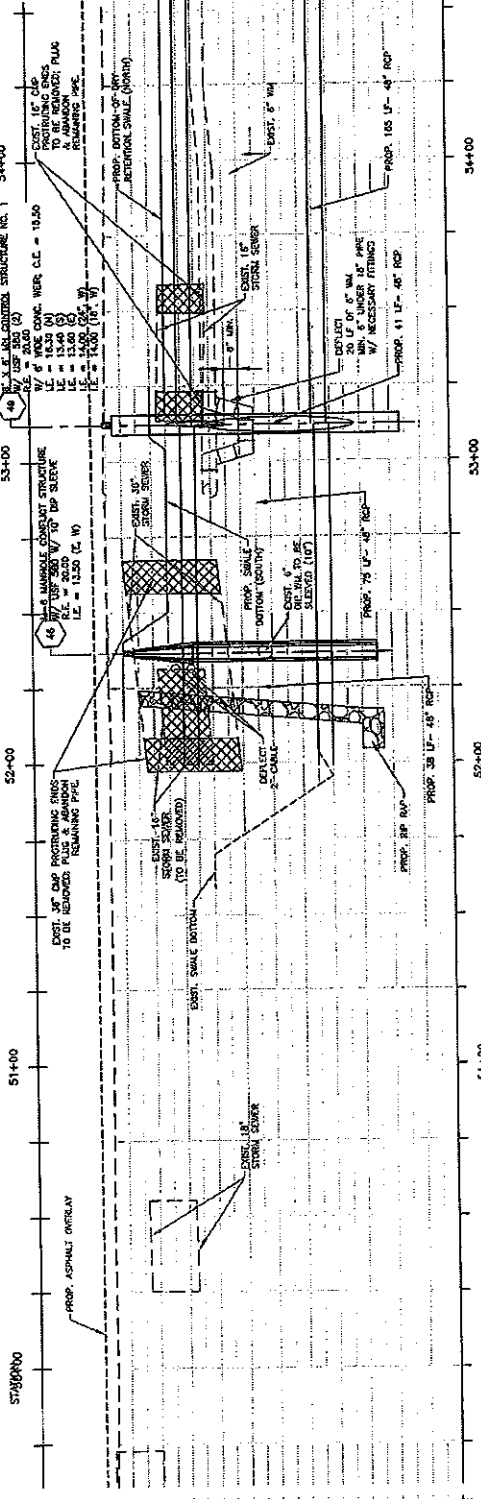
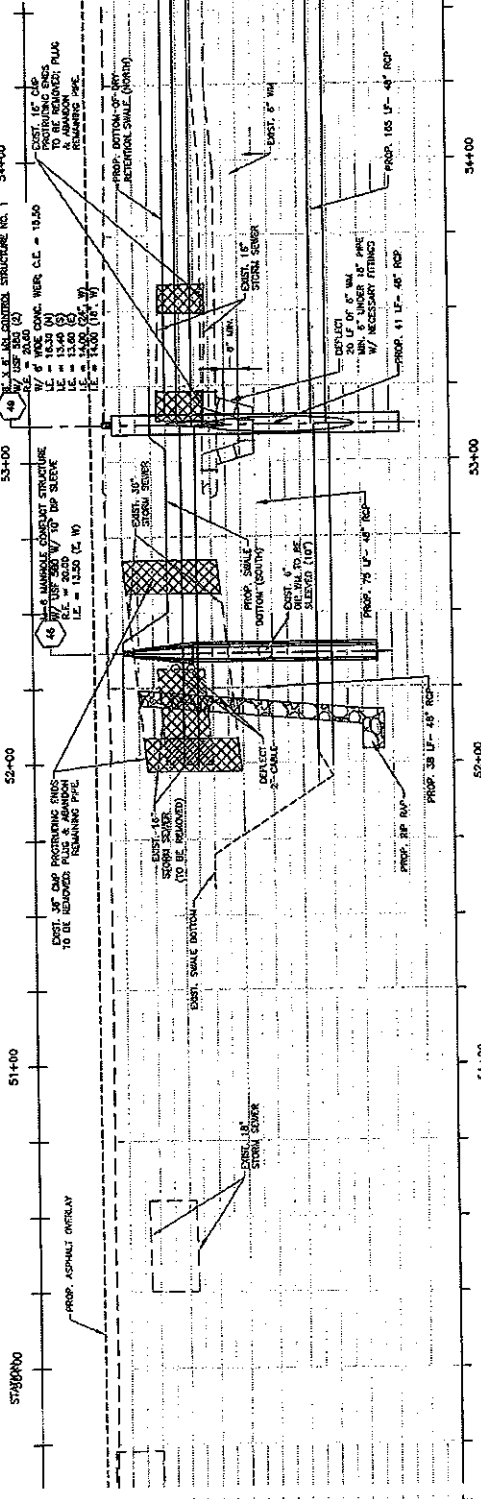
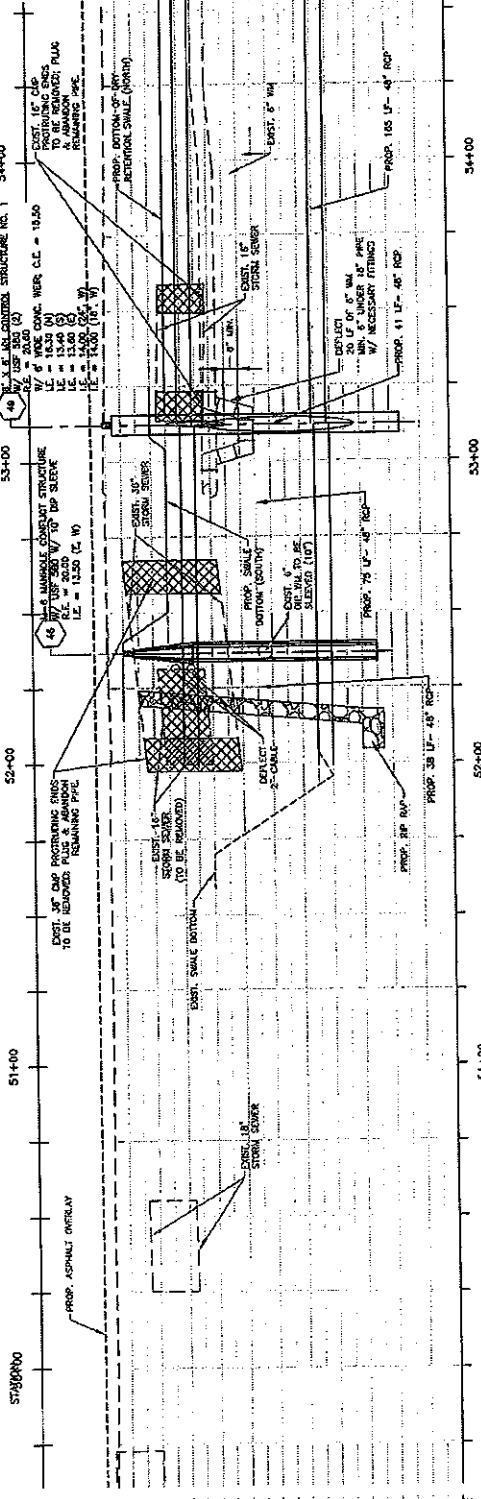
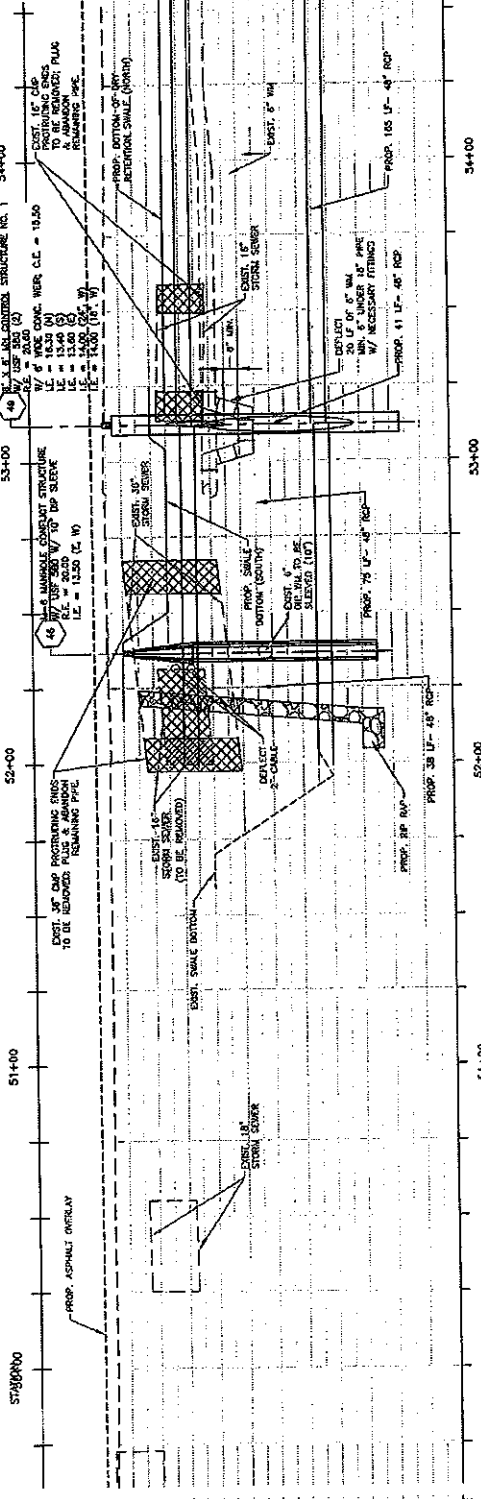
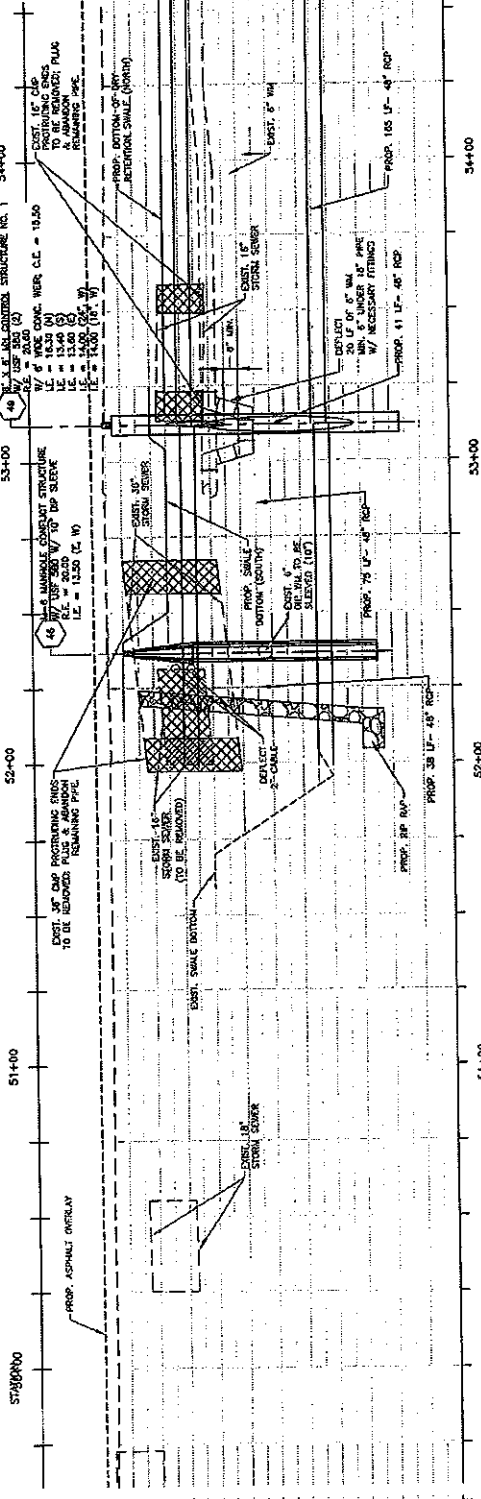
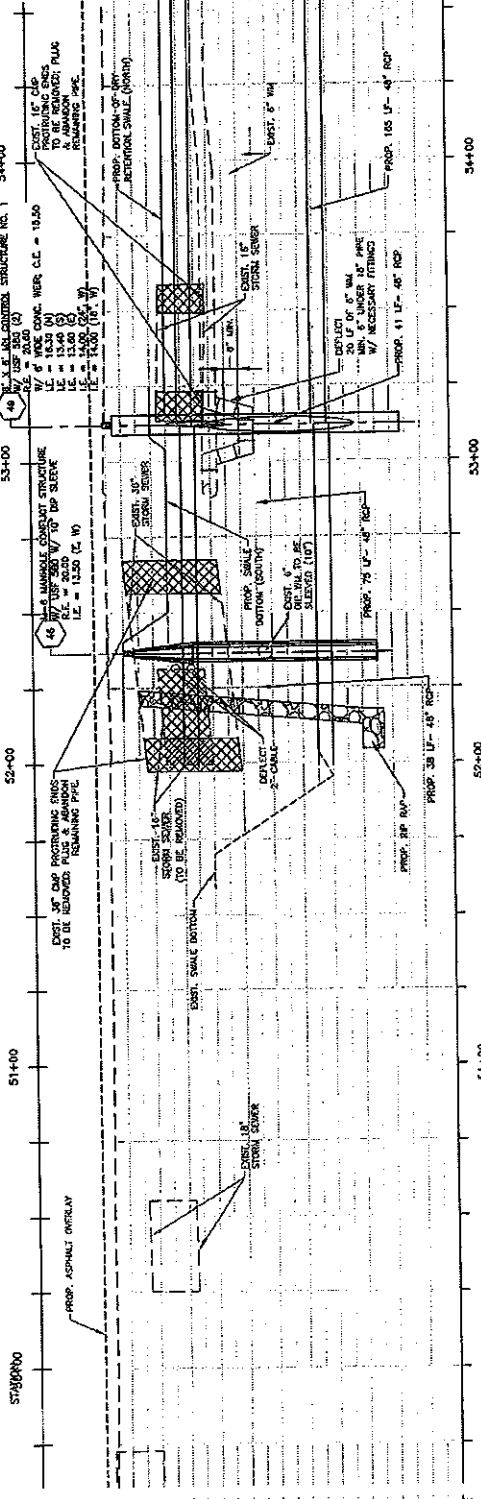
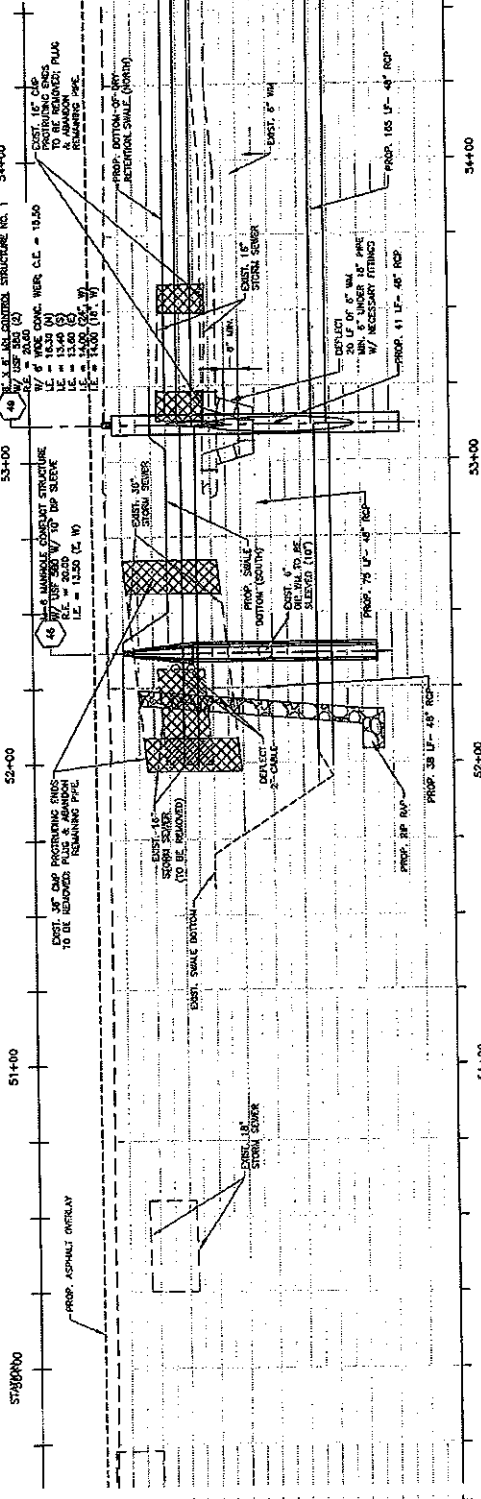
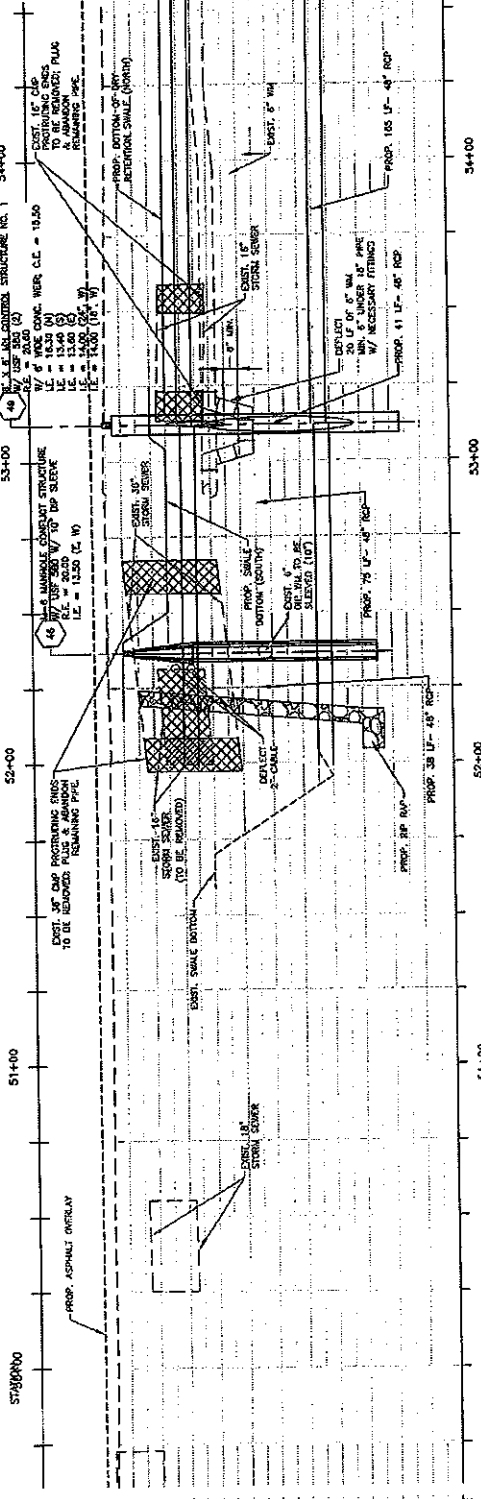
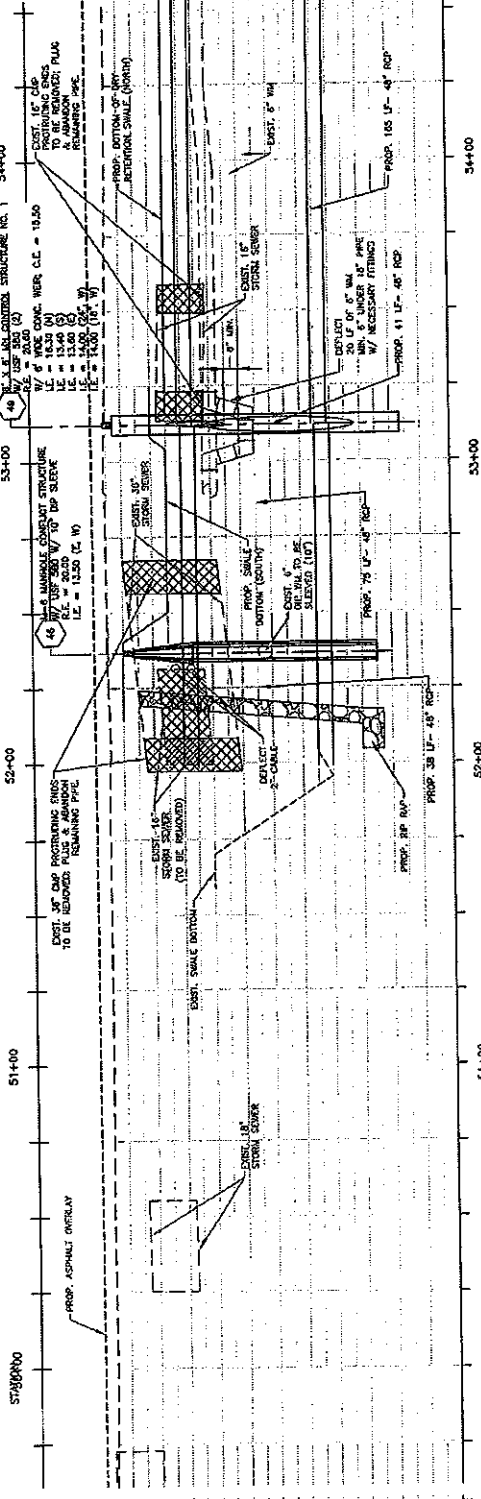
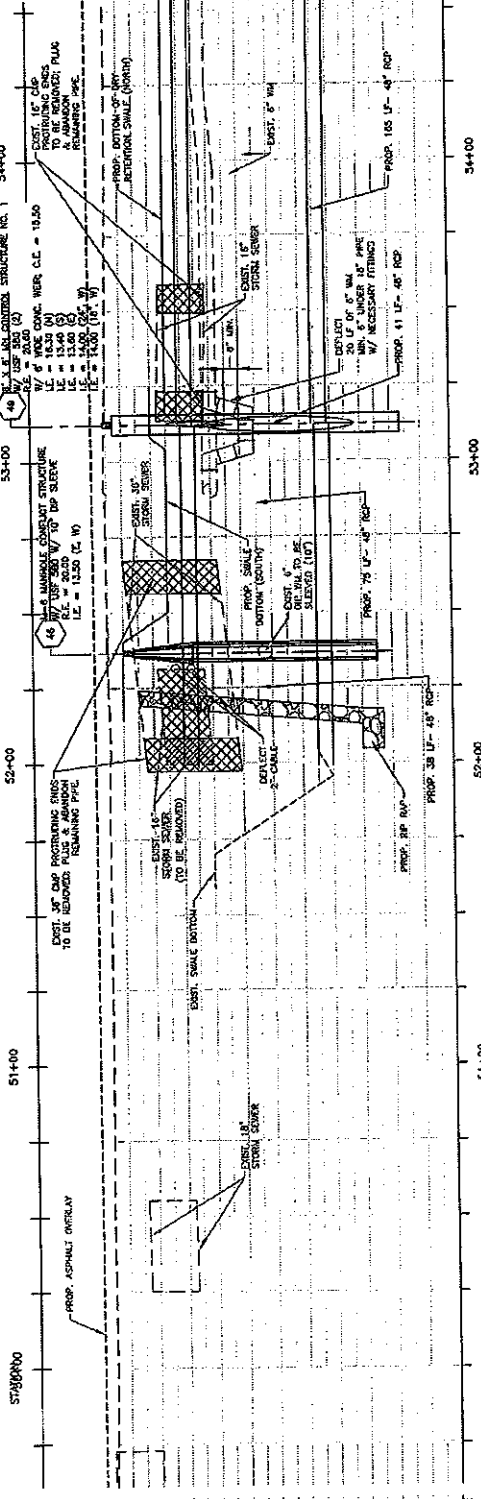
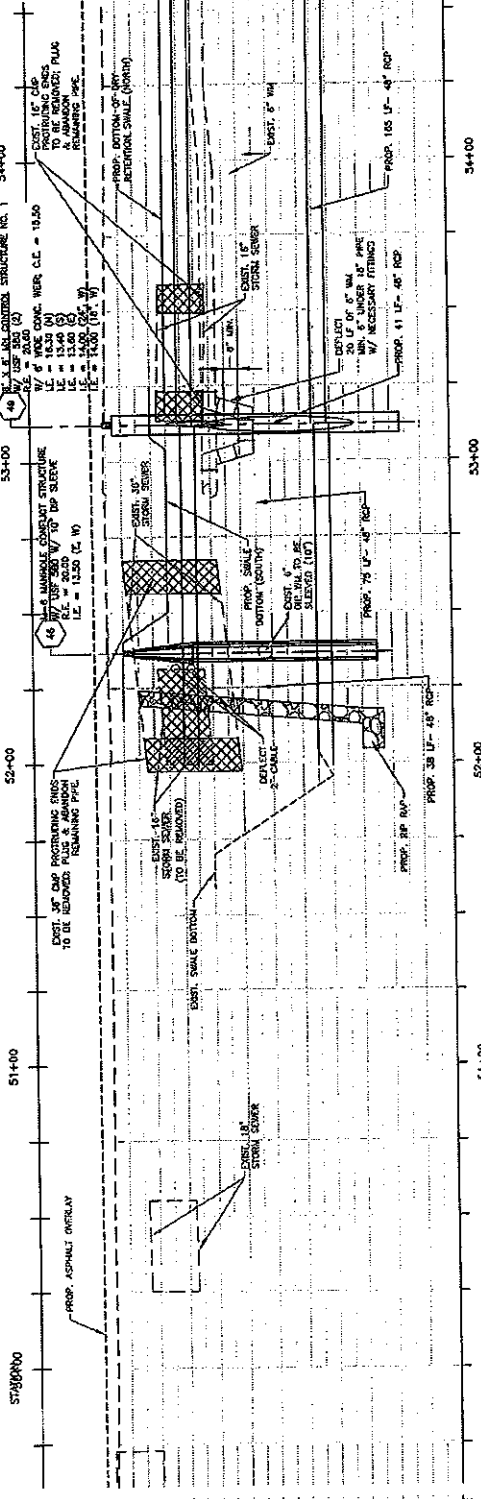
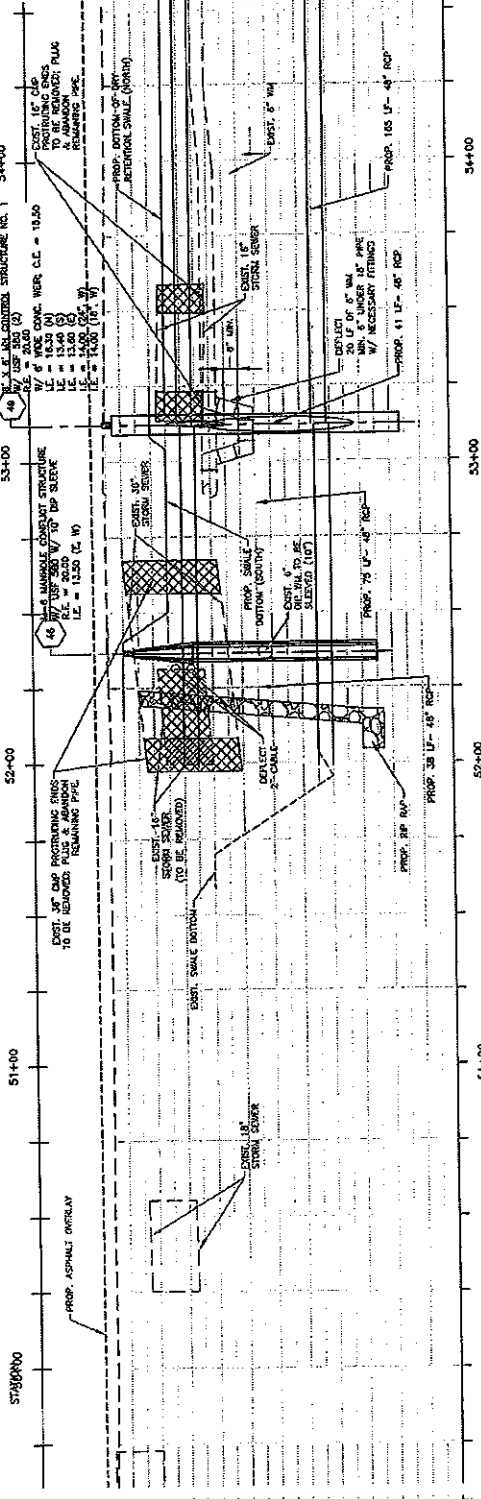
- NOTES:
1. THE EXISTENCE AND LOCATION OF ANY OF THE WATER AND/OR WASTEWATER LINES, VALVES, HYDRANTS, UTILITY PIPES, ETC., NOT GUARANTEED BY THE OKEECHOBEE UTILITY AUTHORITY OR O&M AND MUST BE VERIFIED BY THE CONTRACTOR.
 2. WATER USE PERMIT FOR ANY CONSTRUCTION OR OPERATION AS A CONSTRUCTION DISTRICT.
 3. CONTRACTOR WILL OBTAIN A N.P.D.E.S. NOT TO PERMIT FROM THE O&M DISTRICT.
 4. CONTRACTOR WILL OBTAIN A CONSTRUCTION AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.

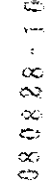
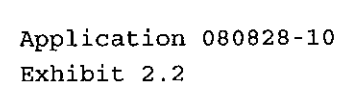
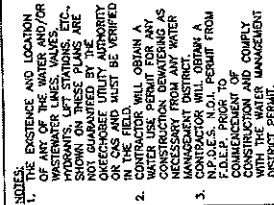
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MATCHLINE SEE SHEET C-15 STA.60+86.00

MATCHLINE SEE SHEET C-11 STA.54+53.82

MATCHLINE SEE SHEET C-10 STA.60+86.00

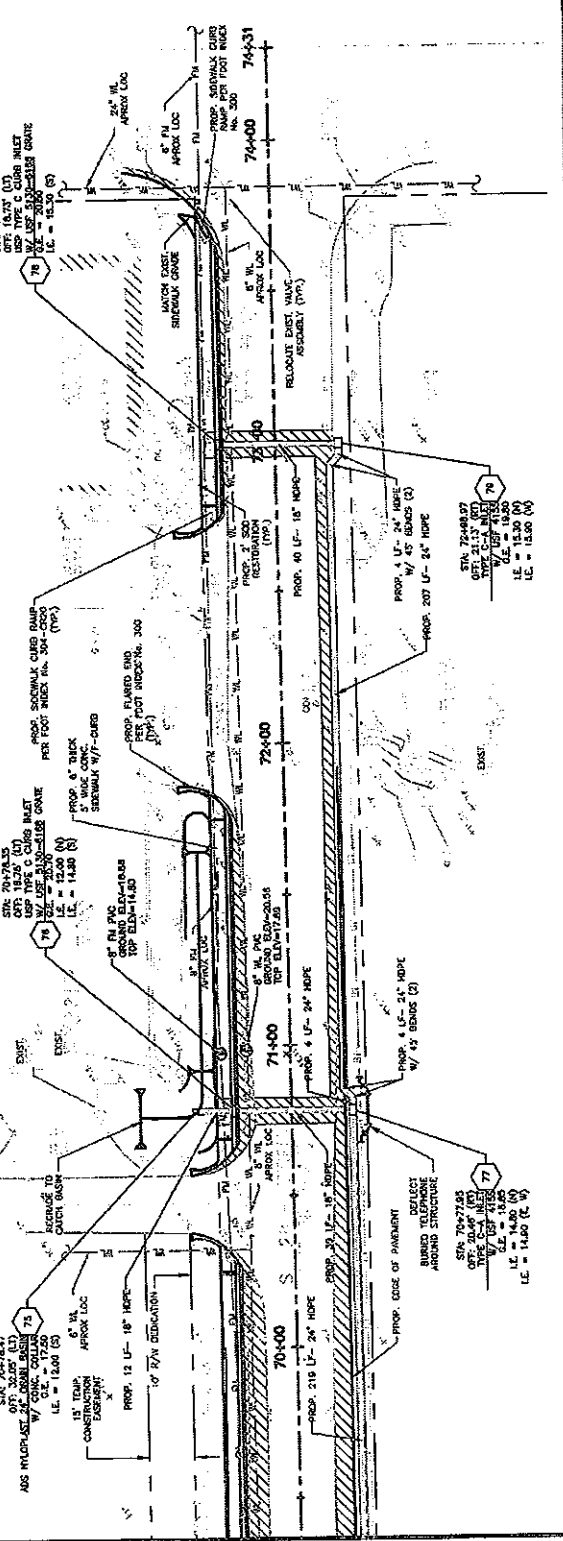




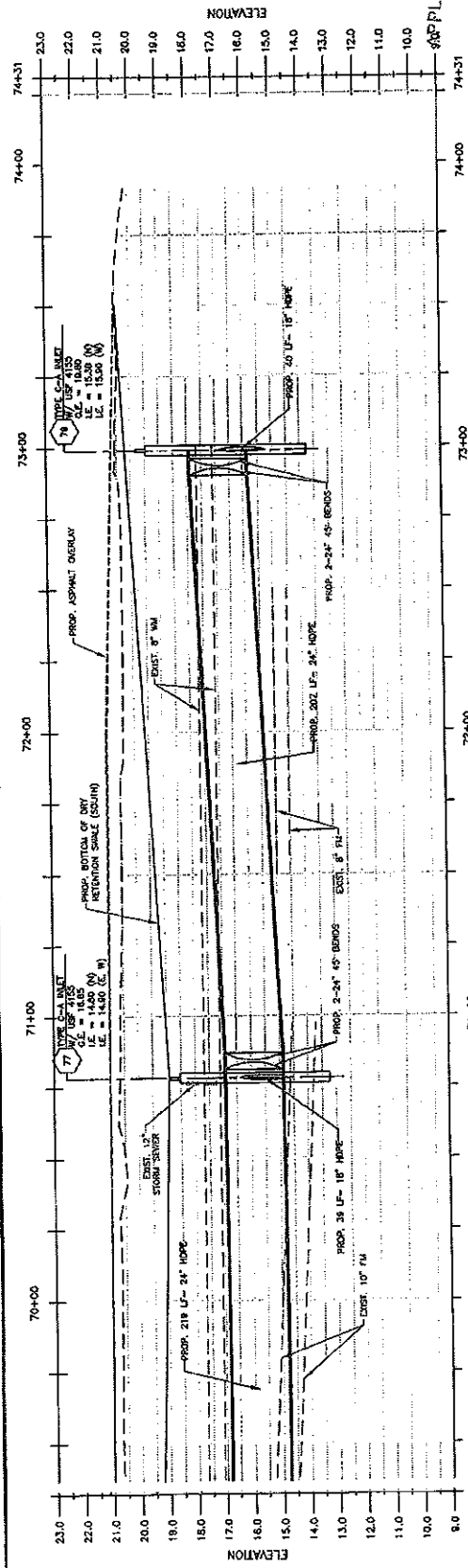
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MATCHLINE SEE SHEET C-13 STA.69+36.32

Application 080828-10
Exhibit 2.2



NOTES:
1. EXISTENCE AND LOCATION OF ANY OF THE WATER AND/OR WASTEWATER LINES, VALVES, HYDRANTS, LIFT STATIONS, ETC., SHOWN ON THIS DRAWING ARE NOT GUARANTEED BY THE ENGINEER. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DISTRICT OF WATER MANAGEMENT DISTRICT, OKEECHOBEE COUNTY, FLORIDA, FOR ANY CONSTRUCTION OF NEW OR EXISTING UTILITIES. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DISTRICT OF WATER MANAGEMENT DISTRICT, OKEECHOBEE COUNTY, FLORIDA, FOR ANY CONSTRUCTION OF NEW OR EXISTING UTILITIES.



APPLICATION NUMBER
080828-10

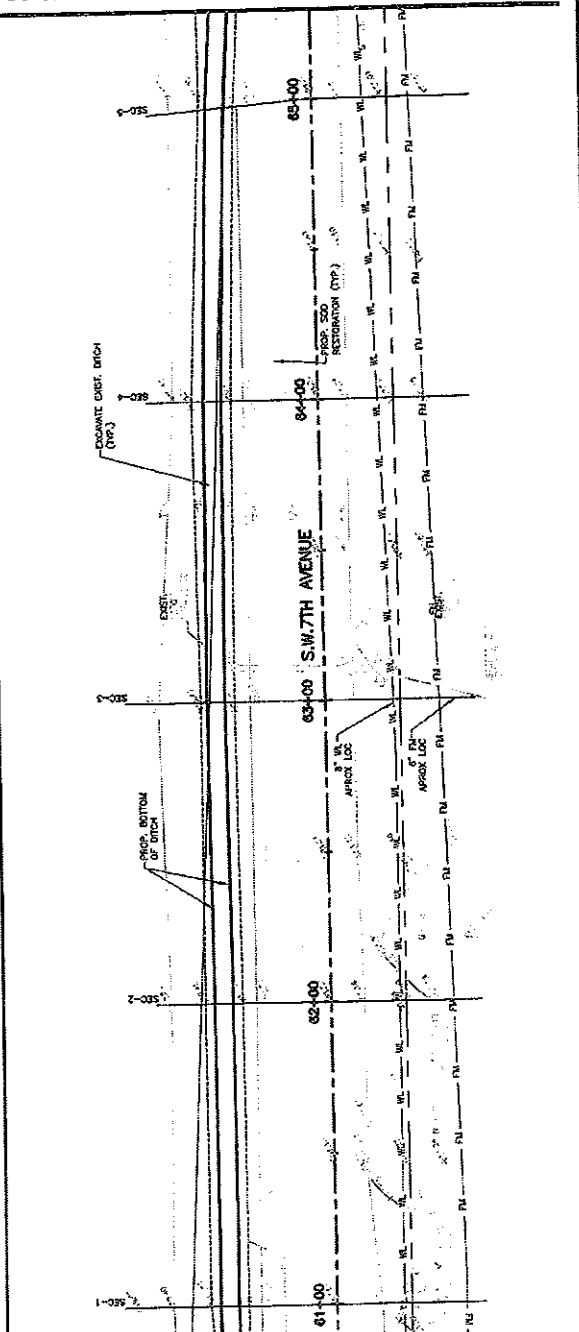
DATE: 08/19/08	DESIGNED BY: J. SMITH	CHECKED BY: J. SMITH	DATE: 08/19/08	DESIGNED BY: J. SMITH	CHECKED BY: J. SMITH
APPROVED FOR: CRAIG A. SMITH & ASSOCIATES CONSULTING ENGINEERS-PA/ENR/0088 7225 W. 28TH STREET, SUITE 300 FORT LAUDERDALE, FLORIDA 33309 PHONE: 954.333.1119					
PREPARED FOR: S.W. DRAINAGE IMPROVEMENTS S.W. 28TH STREET STA. 69+36 - 74+30					
FILE NAME: 18-0308-C-14-000.dwg LAST MOD: 07/17/08 - 10:00am SCALE: AS SHOWN PROJECT: 00-0905-429					
SHEET C-14					



GRAPHIC SCALE
1" = 20'-0"
* DIMENSIONS ARE IN FEET
UNLESS OTHERWISE NOTED

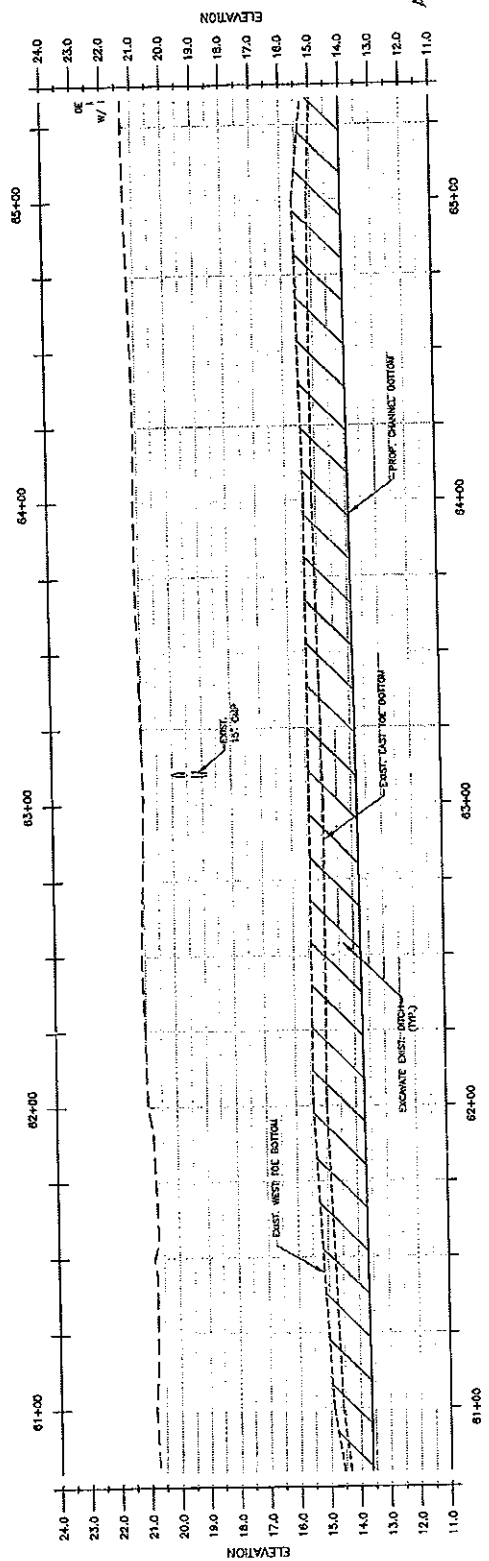
NOTES:
1. THE EXISTENCE AND LOCATION OF ANY OF THE WATER AND/OR WASTEWATER MAINS, SEWER, OR STATIONS ARE SHOWN ON THESE PLANS ARE NOT GUARANTEED BY THE ENGINEER. THE USER MUST VERIFY THE EXISTENCE AND LOCATION OF ANY MAINS OR STATIONS IN THE FIELD.
2. CONTRACTOR WILL OBTAIN A WATER USE PERMIT FROM THE WATER MANAGEMENT DISTRICT, NECESSARY FROM ANY WATER MAINS OR STATIONS. A PERMIT FROM THE WATER MANAGEMENT DISTRICT PRIOR TO COMMENCEMENT OF CONSTRUCTION IS REQUIRED. THE WATER MANAGEMENT DISTRICT PERMIT.

MATCHLINE SEE SHEET C-16 STA. 60+30.00



MATCHLINE SEE SHEET C-10 STA. 60+86.00

Application 080828-10
Exhibit 2.2
Page 20 of 29



APPLICATION NUMBER

080828-10

FILE NAME: 19-0039-C-15-FWP.dwg
LAST MOD: 07/17/08 - 03:08 PM
SCALE: AS SHOWN
PROJECT: 00-0903-429

S.W. DRAINAGE IMPROVEMENTS
S.W. 7TH AVENUE
STA. 60+86 - 65+30

OKEECHOBEE COUNTY

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS-PLANNERS-ARCHITECTS
200 S.W. 10TH AVENUE, SUITE 100
FORT MYERS, FL 33901
TEL: 941.336.1111
FAX: 941.336.1112
CRAIG.A.SMITH@CSA-FL.COM

APPROVED BY: C. A. SMITH, P.E.
DATE: 11/19/08
FLORIDA PROFESSIONAL ENGINEER, LICENSE NO. 12000

DATE: 11/19/08
DESIGNED BY: C.A.S.
CHECKED BY: C.A.S.

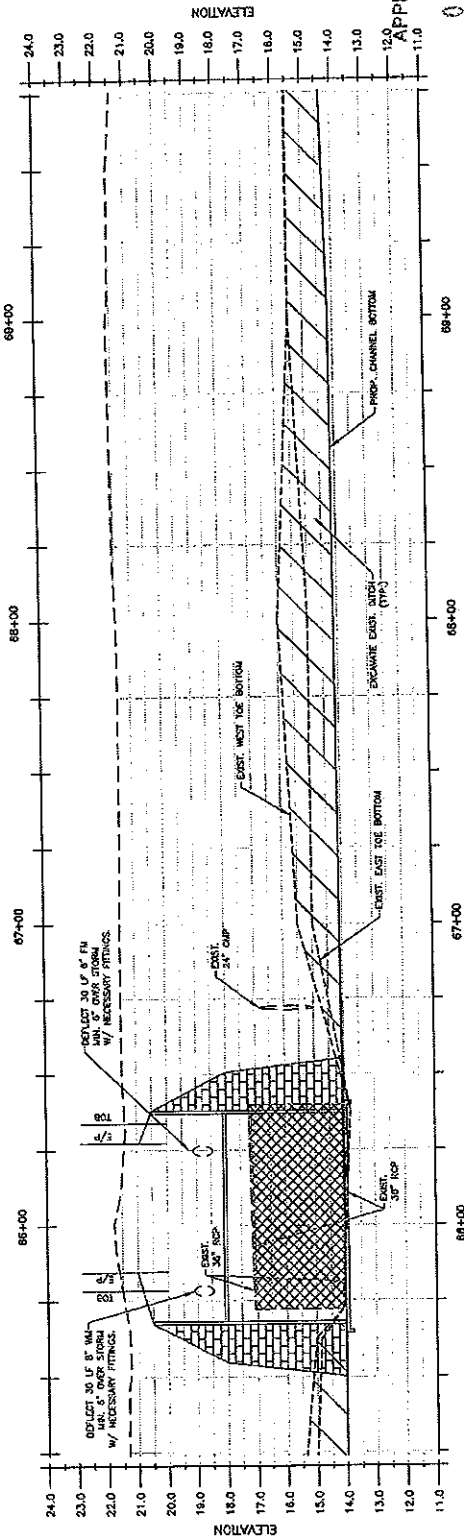
NO.	DATE	REVISION
1		
2		
3		
4		
5		



1. THE EXISTENCE AND LOCATION OF ANY OTHER WATER AND/OR GAS LINES, VALVES, WATERS, LIFT STATIONS, ETC., SHOWN ON THESE PLANS ARE NOT GUARANTEED BY THE OCEANCHIEF UTILITY AUTHORITY OR CAS AND MUST BE VERIFIED IN THE FIELD.
2. CONTRACTOR WILL OBTAIN A WAIVER OF PERMIT FOR ANY MANUFACTURING OR EXHAUSTING NECESSARY FROM ANY WATER MANAGEMENT DISTRICT.
3. CONTRACTOR WILL OBTAIN A N.P.D.E.S. N.O.I. PERMIT FROM F.D.E.P. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ENSURE PROPER WATER MANAGEMENT INSTANT PERMIT

MATCHLINE SEE SHEET C-15 STA.65+30.00

Application 080828-10
Exhibit 2.2
Page 21 of 29



APPLICATION NUMBER

080828-10

OKS

13-00000
C-16

FILE NAME: 20-0429-16-PAP.doc

FILE NAME: 20-

1

**S.W. DRAINAGE
IMPROVEMENTS**
**S.W. 7TH AVENUE
STATION 65+30 - 69+71**

PREPARED FOR:
OKEECHOBEE COUNTY

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS-PLANNERS-SURVEYORS
7777 GLADES ROAD, SUITE 410
BOCA RATON, FLORIDA 33434
(305) 391-4200

APPROVED BY: ORLANDO A. RUBIO, P.E.
DATE 11/14/08

Date: 10/10/07
Signed: VOT
Print: MAM

[illegible][illegible][illegible][illegible]

2010-001002

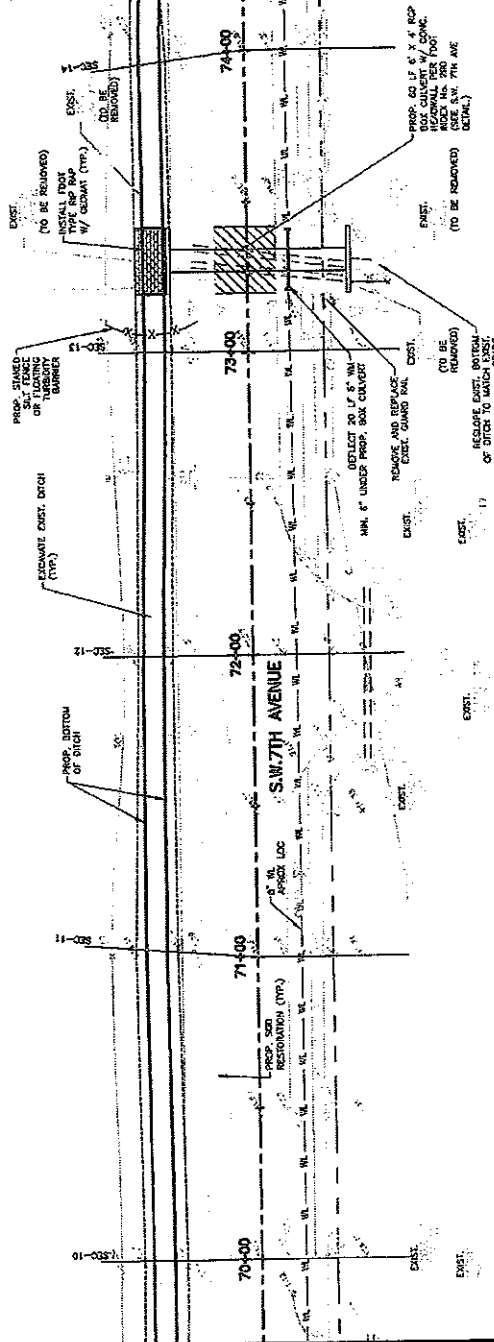
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GRAPHIC SCALE
1" = 20'-0"
AS SHOWN
FOR 11.7' SLOPE DIST.

- NOTES:
1. THE EXISTENCE AND LOCATION OF ANY OF THE WATER AND/OR WASTEWATER LINES, VALVES, ETC., SHOWN ON THESE PLANS ARE NOT GUARANTEED BY THE OKEECHOBEE UTILITY AUTHORITY OR US AND MUST BE VERIFIED BY THE CONTRACTOR.
 2. CONTRACTOR WILL OBTAIN A WATER USE PERMIT FOR ANY CONSTRUCTION OF WASTEWATER AS REQUIRED BY THE OKEECHOBEE UTILITY AUTHORITY AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.
 3. CONTRACTOR WILL OBTAIN A PERMIT FROM THE OKEECHOBEE UTILITY AUTHORITY PRIOR TO COMMENCEMENT OF CONSTRUCTION AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.

MATCHLINE SEE SHEET C-18 STA. 74+18.50



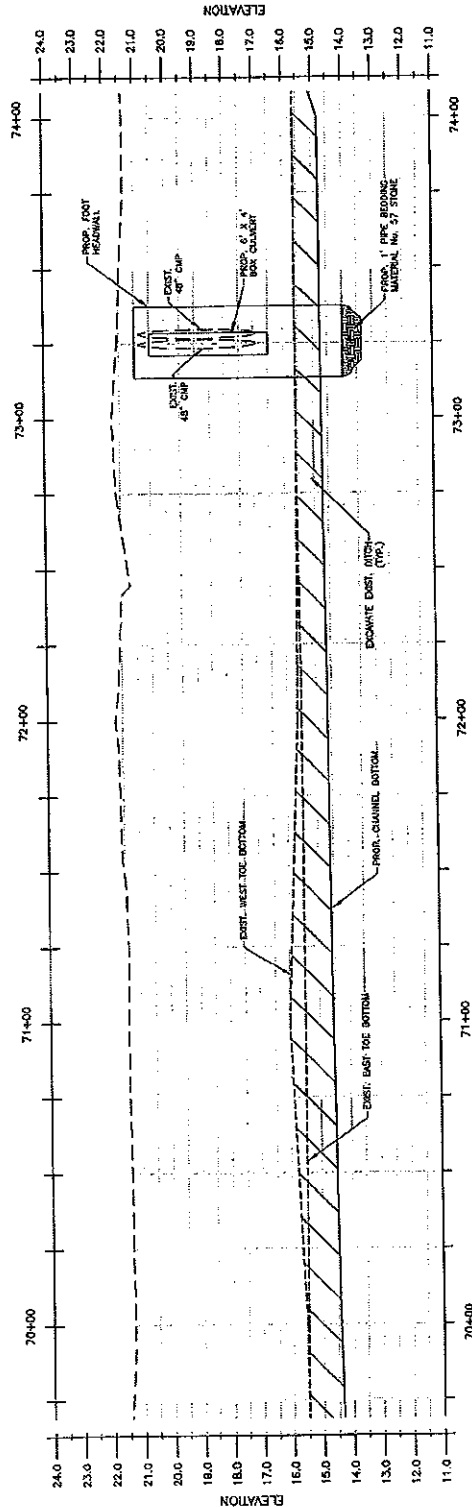
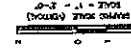
MATCHLINE SEE SHEET C-16 STA. 69+71.72

Application 080828-10
Exhibit 2.2
Page 22 of 29

APPLICATION NUMBER

080828-10

OKS



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LAST DATE: 07/21/08 - 3:17pm
PROJECT: 00-0903-429
AS SHOWN

S.W. DRAINAGE
IMPROVEMENTS
S.W. 7TH AVENUE
STATION 69+71.72-74+18

PREPARED FOR
OKEECHOBEE COUNTY

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS & SURVEYORS
1001 N. W. 10th Ave., Suite 100
Fort Lauderdale, FL 33304-1010
Phone: (954) 571-1111
Fax: (954) 571-1112

APPROVED: [Signature]
DATE: 07/21/08
FOR OKEECHOBEE COUNTY

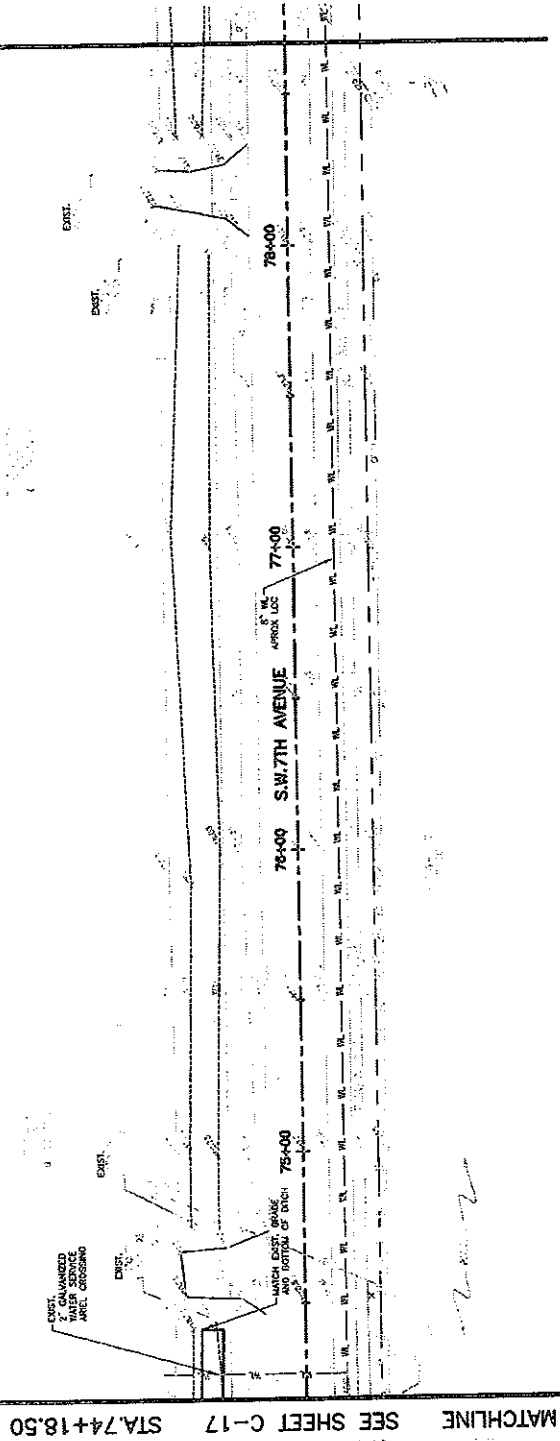
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DRAWN BY: [Signature]
CHECKED BY: [Signature]

NO.	DATE	REVISION



SCALE
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DATE: 05/14/08
BY: J. L. BENTLEY

- NOTES:
1. THE EXISTING AND LOCATED ANY OF THE WATER AND/OR WASTEWATER LINES, VALVES, HYDRANTS, LIFT STATIONS, ETC., SHOWN ON THIS PLAN ARE NOT GUARANTEED BY THE OKEECHOBEE UTILITY AUTHORITY OR CAS AND MUST BE VERIFIED BY THE FIELD CONTRACTOR. THE CONTRACTOR WILL OBTAIN A WATER USE PERMIT FOR ANY CONSTRUCTION DEMANDING AS MUCH AS 100,000 GPM OF WATER FROM THE OKEECHOBEE WATER MANAGEMENT DISTRICT.
 2. CONTRACTOR WILL OBTAIN A N.P.D.E.S. NO.1 PERMIT FROM THE OKEECHOBEE WATER MANAGEMENT DISTRICT OF OKEECHOBEE COUNTY FOR ANY CONSTRUCTION AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.



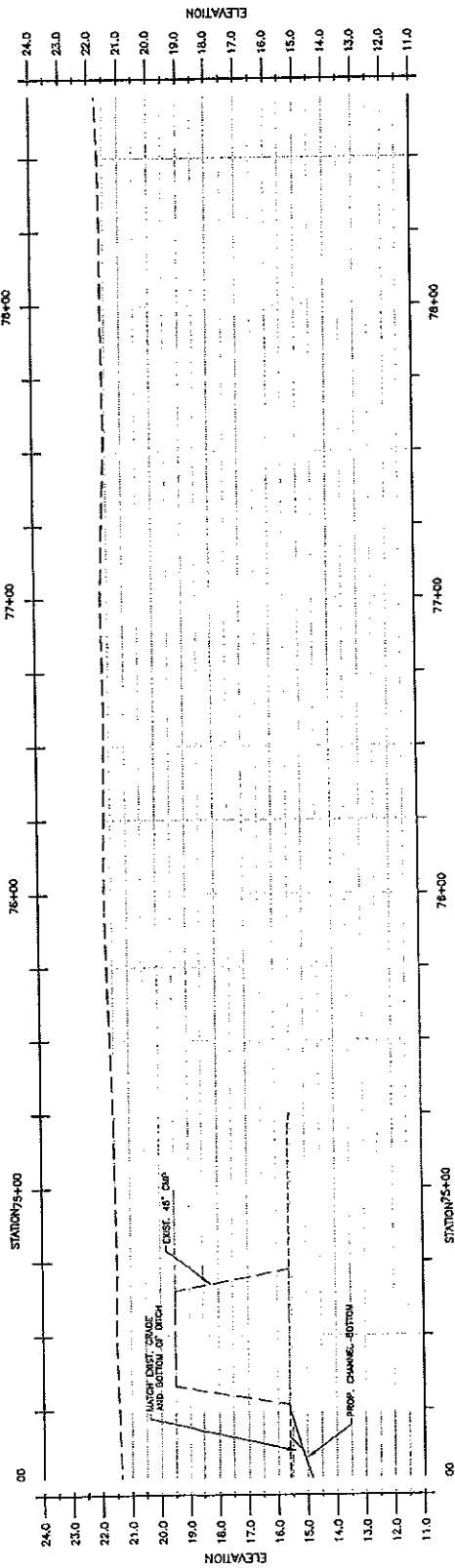
Application 080828-10
Exhibit 2.2
Page 23 of 29

APPLICATION NUMBER

080828-10

OKS

SCALE
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DATE: 05/14/08
BY: J. L. BENTLEY



FILE NAME: 08-0828-10-000.dwg
LAST SAVE: 07/31/08 - 3:22pm
DRAWN BY: JLB
CHECKED BY: JLB
AS SHOWN
00-0803-428

S.W. DRAINAGE
IMPROVEMENTS
S.W. 7TH AVENUE
STATION 74+18 - 78+57

PREPARED FOR
OKEECHOBEE COUNTY

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS-PLANNERS-SURVEYORS
777 S.W. 11TH AVE., SUITE 200
FORT LAUDERDALE, FL 33304
(954) 571-1000
CRAIG@CAS-FLA.COM

APPROVED BY: CRAIG A. SMITH, P.E.
DATE: 07/14/08
FLORIDA PROFESSIONAL ENGINEER NO. 4826

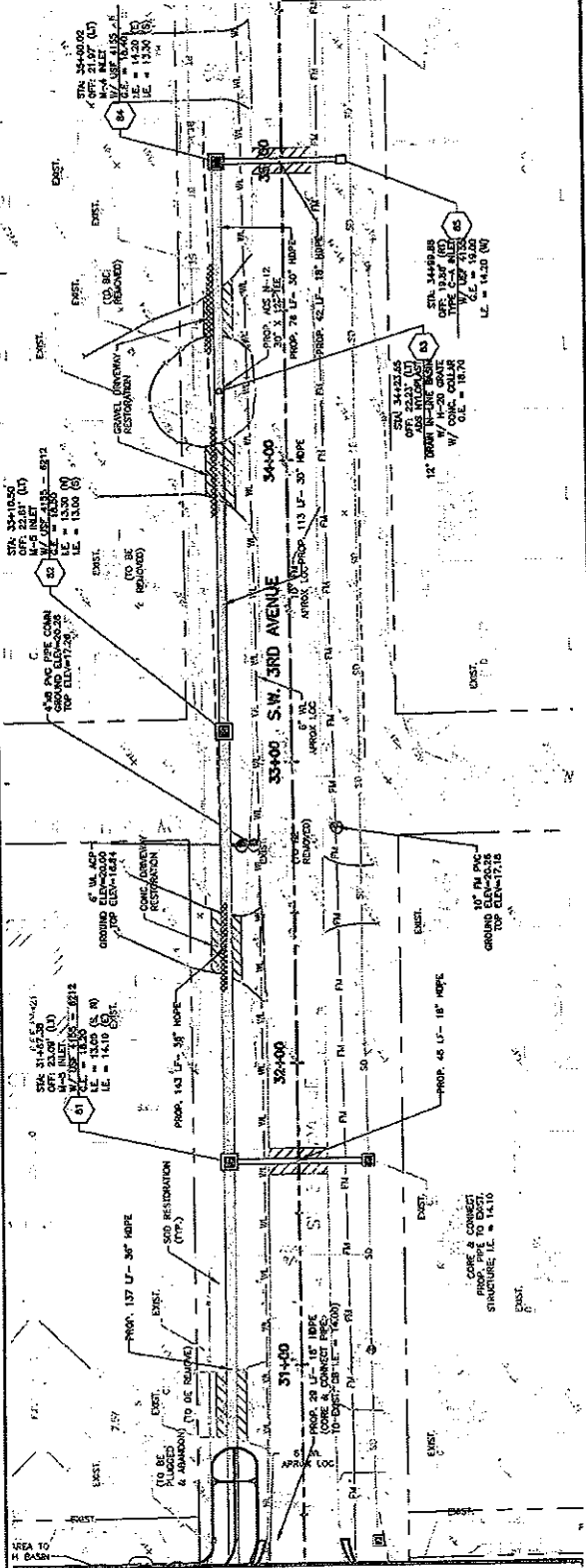
DESIGNED BY: JLB
CHECKED BY: JLB
DATE: 07/14/08

REV.	DATE	REVISION
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1" = 20'-0"
GRAPHIC SCALE
AS SHOWN

NOTES:
1. THE EXISTENCE AND LOCATION OF ANY OF THE WATER AND/OR WASTEWATER LINES, VALVES, HYDRANTS, LIFT STATIONS, ETC., SHOWN ON THIS PLAN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE EXISTENCE OF ANY OF THE ABOVE LINES OR STRUCTURES MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR WILL OBTAIN A WATER USE PERMIT FROM THE KEECHOBEE COUNTY WATER MANAGEMENT DISTRICT PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR WILL OBTAIN A N.P.D.E.S. M.O.I. PERMIT FROM THE KEECHOBEE COUNTY DEPARTMENT OF CONSTRUCTION AND COMPLY WITH THE WATER MANAGEMENT DISTRICT PERMIT.

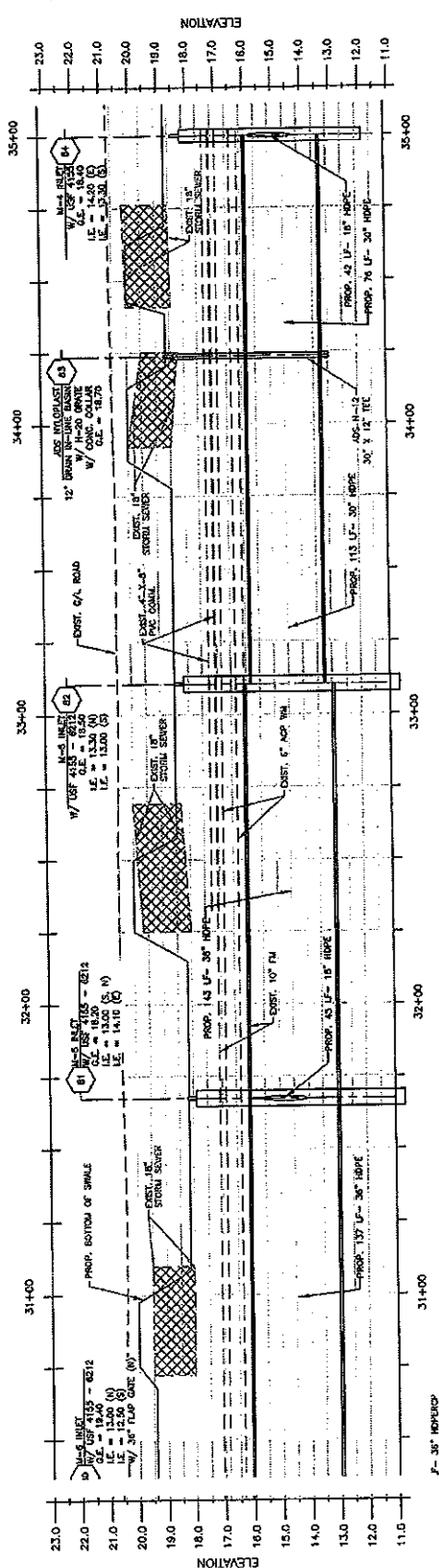


Application 080828-10
Exhibit 2.2
MATCHLINE SEE SHEET C-13 STA. 30+33.61

APPLICATION NUMBER
080828-10

OKS

GRAPHIC SCALE
1" = 20'-0"
AS SHOWN



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DATE: 11/14/08
AS SHOWN

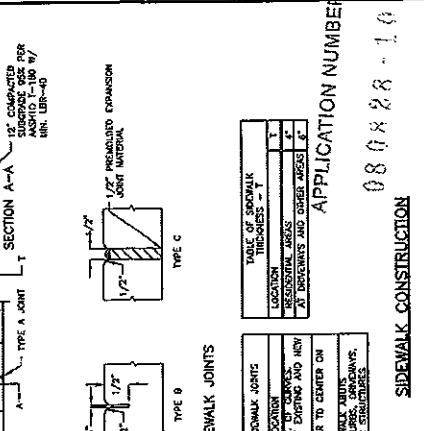
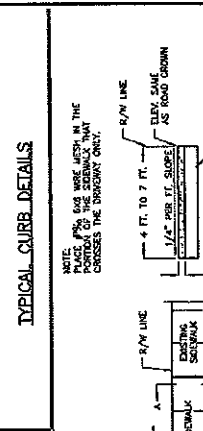
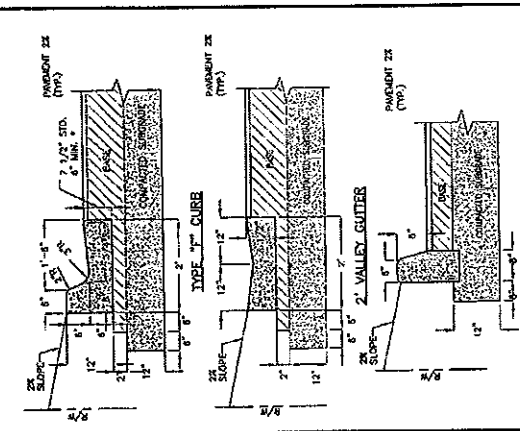
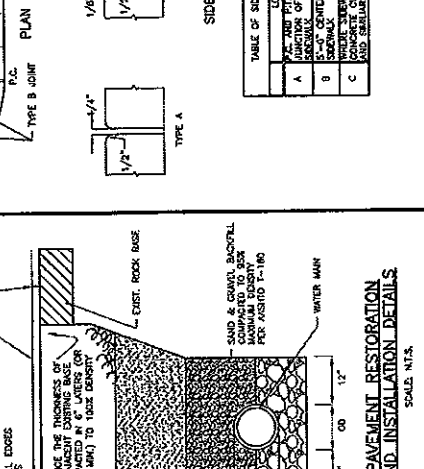
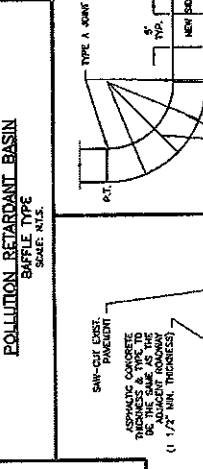
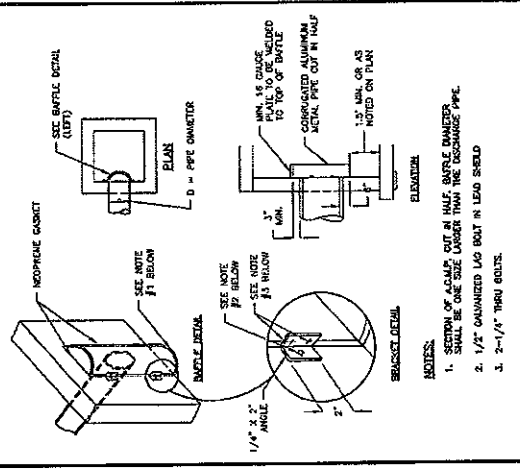
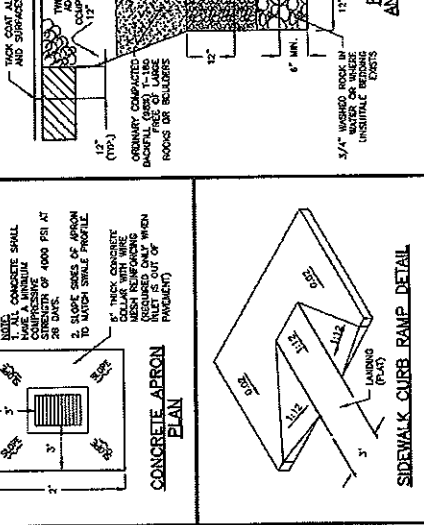
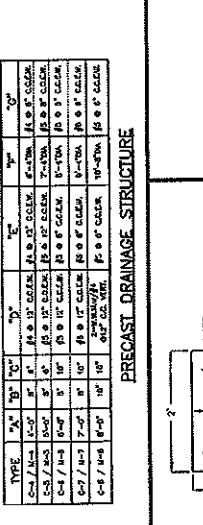
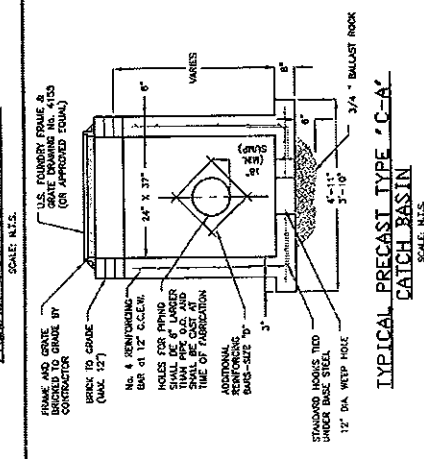
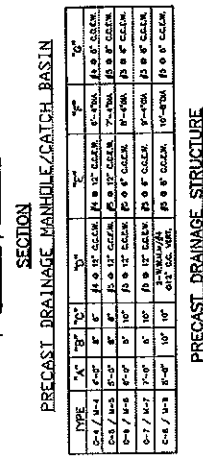
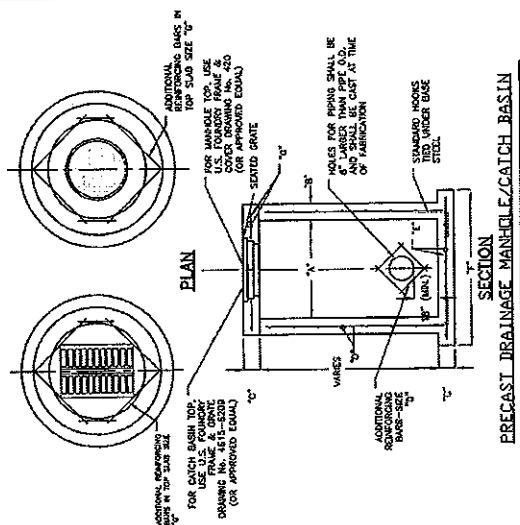
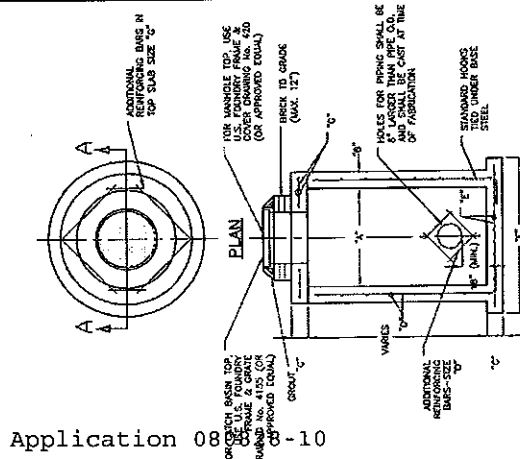
S.W. DRAINAGE IMPROVEMENTS
S.W. 3RD AVENUE
STATION 30+33 - 35+50

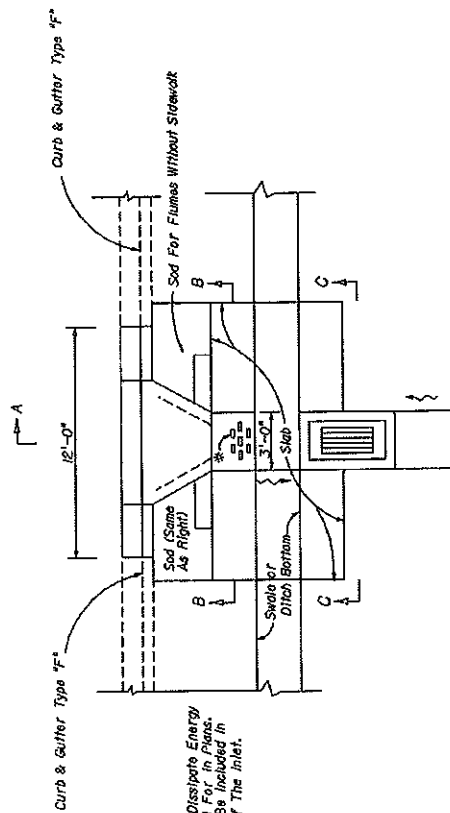
KEECHOBEE COUNTY

CRAIG A. SMITH & ASSOCIATES
CONSULTING ENGINEERS-PLANNERS-SURVEYORS
700 GROSS ROAD, SUITE 100
WATERS, MISSOURI 64095
PHONE: 816.882.1110
FAX: 816.882.1111
DATE: 11/14/08
PROJECT: 00-0903-429

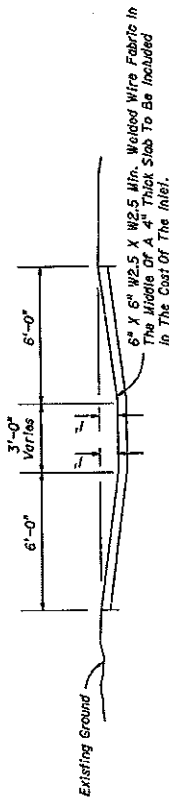
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DATE: 11/14/08
PROJECT: 00-0903-429

DESIGNED BY: JAM
CHECKED BY: JAM
DATE: 11/14/08
PROJECT: 00-0903-429

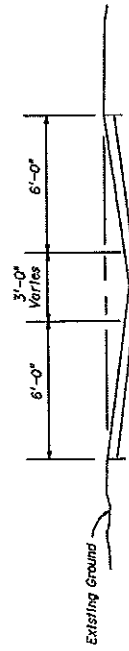




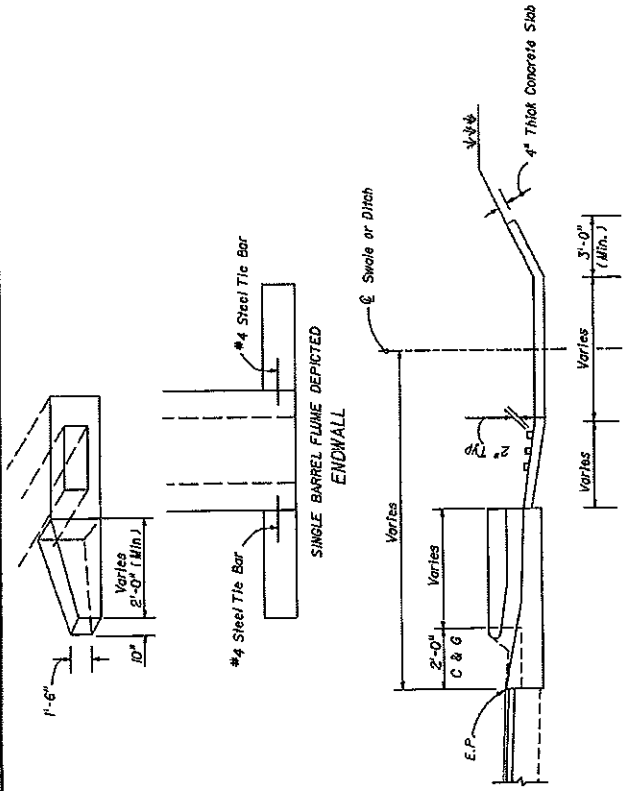
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PLAN



SINGLE BARREL FLUME DEPICTED
SECTION BB

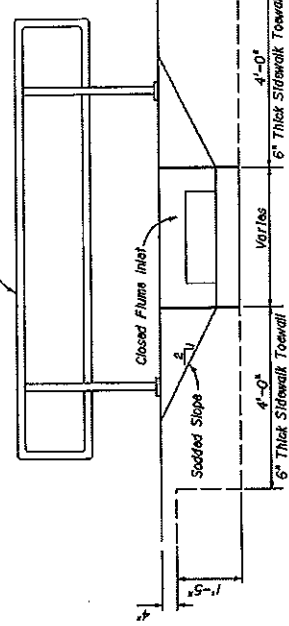


SINGLE BARREL FLUME DEPICTED
SECTION CC



SINGLE BARREL FLUME DEPICTED
ELEVATION

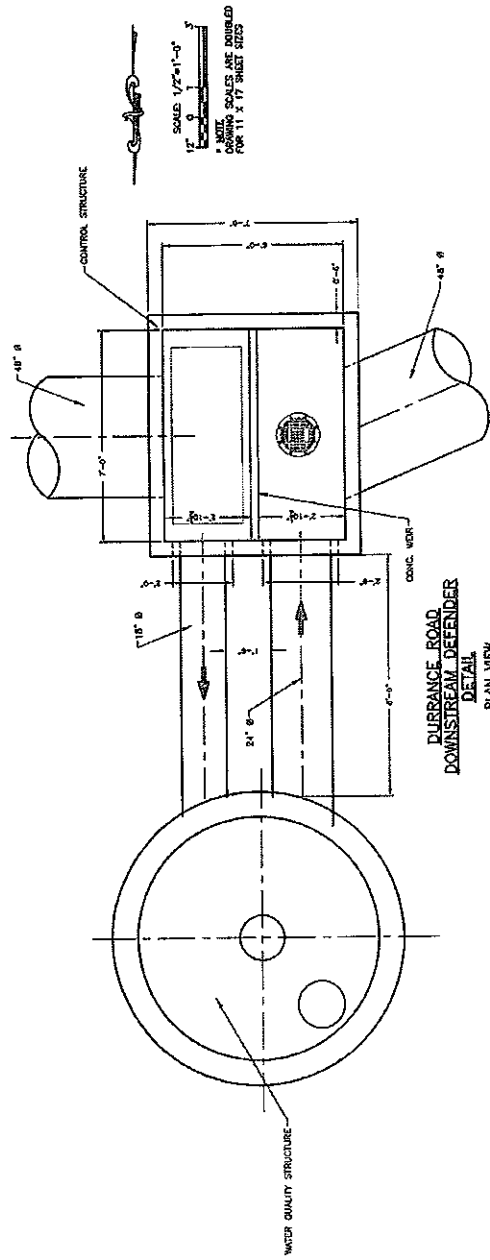
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See Plans For Handrail Requirements



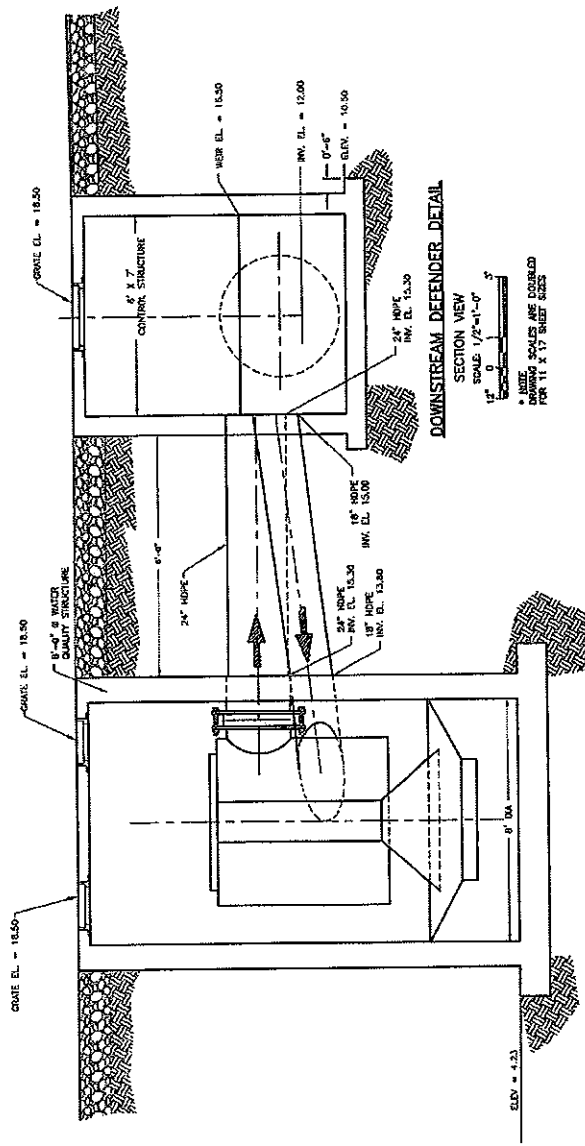
SINGLE BARREL FLUME DEPICTED
ELEVATION

HANDRAIL FOR FLUME IN SIDEWALK

PREPARED FOR CRAGA, SMITH & ASSOCIATES CONSULTING ENGINEERS 1000 N. W. 10th Ave., Suite 100 Fort Lauderdale, FL 33304-1000		SHEET C-34
PROJECT SW DRAINAGE IMPROVEMENTS		DATE NOV 11 2008
DRAWN AS SHOWN		PROJECT 00-0903-429
OKEECHOBEE COUNTY STANDARD DETAILS		



DURRANCE ROAD
DOWNSTREAM DEFENDER
DETAIL
PLAN VIEW



DOWNSTREAM DEFENDER DETAIL
SECTION VIEW

APPLICATION NUMBER

080828-10

OKS

SHEET C-41	
FILE NAME: 08-0828-C-41-000.dwg LAST SAVE: 08/12/08 - 2:39pm SCALE: AS SHOWN PROJECT: 00-0803-429	S.W. DRAINAGE IMPROVEMENTS DURRANCE ROAD DOWNSTREAM DEFENDER DETAIL
PREPARED FOR: OKEECHOBEE COUNTY	
CRAIG A. SMITH & ASSOCIATES CONSULTING ENGINEERS 700 S. PALM BLVD., SUITE 419 OKEECHOBEE, FL 33445 PHONE: 888-888-8888	
APPROVED: [Signature] DATE: 11/11/08 FLORIDA PROFESSIONAL ENGINEER NO. 48246	DESIGNED: [Signature] CHECKED: [Signature]
NO. DATE 1 11/11/08 2 11/11/08 3 11/11/08 4 11/11/08 5 11/11/08 6 11/11/08 7 11/11/08 8 11/11/08 9 11/11/08 10 11/11/08	BY 1 2 3 4 5 6 7 8 9 10

STAFF REPORT DISTRIBUTION LIST

SOUTHWEST DRAINAGE AREA IMPROVEMENTS

Application No: 080828-10

Permit No: 47-00960-P

INTERNAL DISTRIBUTION

- X Kelly Cranford, P.E. - 6870
- X Stephanie Raymond - 6870
- X Hugo A. Carter, P.E. - 4220
- X Melinda Parrott - 4250
- X ERC Environmental - 6870
- X Okeechobee Service Center - 6870
- X Permit File

EXTERNAL DISTRIBUTION

- X Permittee - Okeechobee County
- X Engr Consultant - Craig A Smith & Associates
- X Owner - Okeechobee County

GOVERNMENT AGENCIES

- X City Engineer, City of Okeechobee
- X Div of Recreation and Park - District 7 - FDEP
- X Okeechobee County Engineer County Annex
- X Okeechobee County Property Appraiser - Bill Sherman