



City of Huntington Beach Planning and Building Department

STAFF REPORT

TO: Planning Commission
FROM: Scott Hess, AICP, Director of Planning and Building
BY: Hayden Beckman, Assistant Planner *HB*
DATE: June 9, 2015

SUBJECT: GENERAL PLAN CONFORMANCE NO. 15-002 (ORANGE COUNTY FLOOD CONTROL DISTRICT DEBRIS COLLECTION SYSTEMS)

**APPLICANT/
PROPERTY**

OWNER: Philip Jones, Orange County Flood Control District, 300 N. Flower Street, Santa Ana, CA 92703

LOCATION: Huntington Beach Channel (Northwest of Magnolia Street at Banning Avenue); and Talbert Channel (South of Banning Avenue Bridge)

STATEMENT OF ISSUE:

- ♦ General Plan Conformance No. 15-002 request:
 - To determine if the installation of two debris/litter collection systems across the Huntington Beach and Talbert storm water channels is in conformance with the goals, objectives, and policies of the General Plan.
- ♦ Staff's Recommendation: Approve General Plan Conformance No. 15-002 based upon the following:
 - Conforms to the goals, objectives, and policies of the General Plan.

RECOMMENDATION:

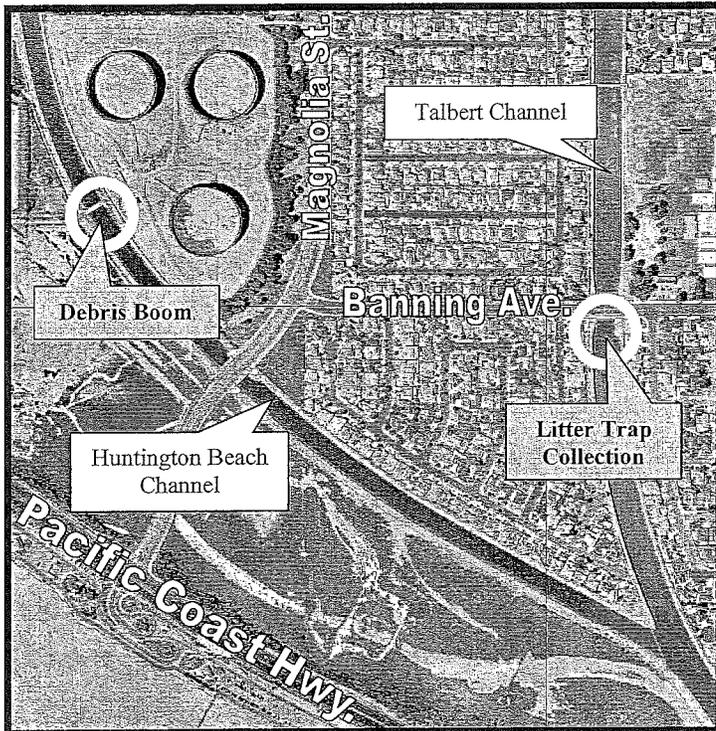
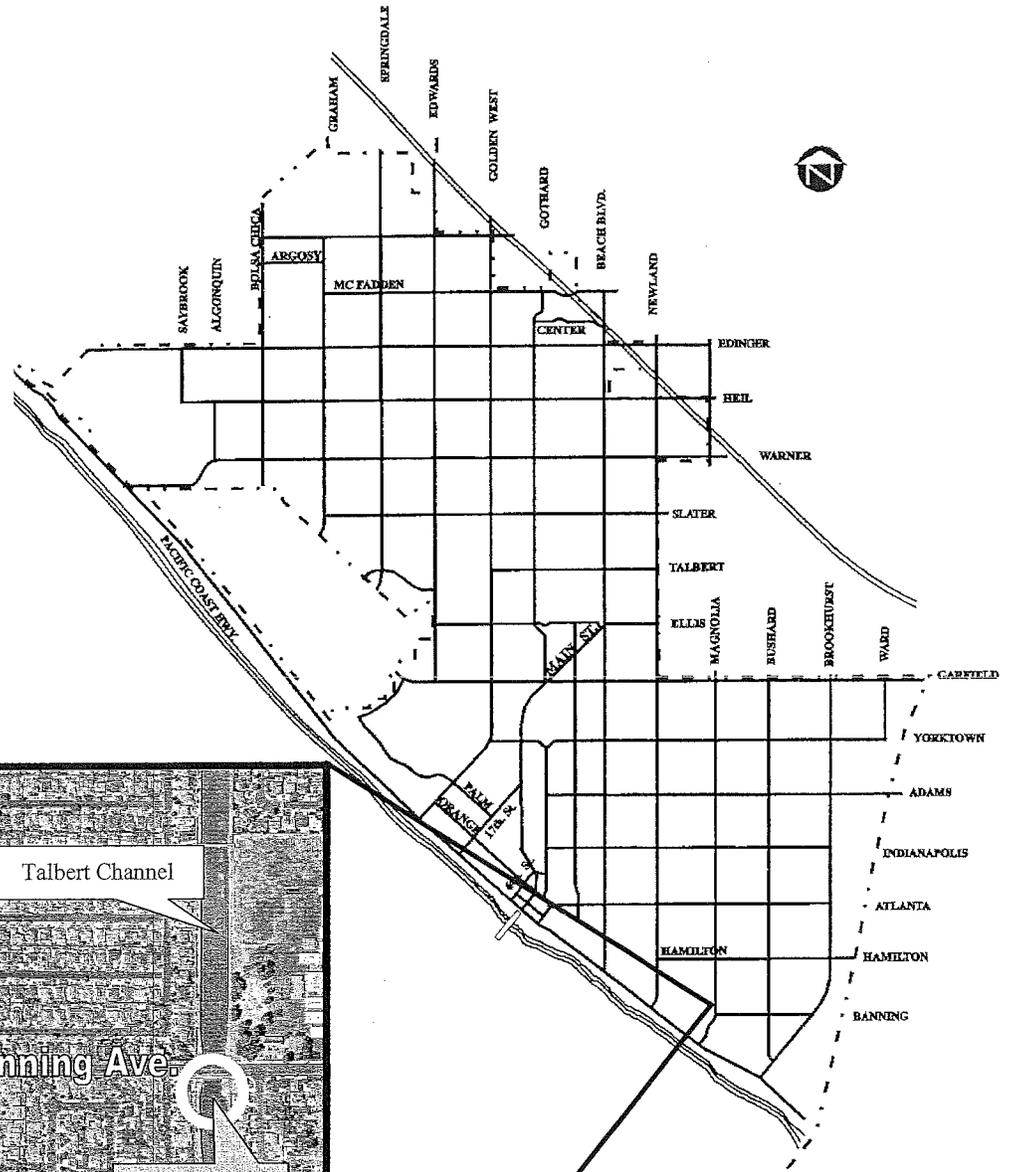
Motion to:

“Adopt Resolution No. 1687, approving General Plan Conformance No. 15-002 with findings (Attachment Nos. 1 and 2).”

ALTERNATIVE ACTION:

The Planning Commission may take an alternative action such as:

1. “Deny General Plan Conformance No. 15-002 with findings for denial.”
2. “Continue General Plan Conformance No. 15-002 and direct staff accordingly.”



VICINITY MAP
GENERAL PLAN CONFORMANCE NO. 15-002
(ORANGE COUNTY FLOOD CONTROL DISTRICT DEBRIS COLLECTION SYSTEMS)

General Plan Conformance No. 15-002 represents a request, pursuant to Section 65401 of the California Government Code, by the Orange County Flood Control District (OCFCD) to determine if the installation of two debris and litter collection systems within the City of Huntington Beach is in conformance with the goals, objectives, and policies of the General Plan. Section 65401 of the California Government code stipulates that regional agencies carrying out public works projects within the boundary of a local jurisdiction must submit those projects to the city planning agency for review and report as to conformity with the adopted general plan of said local jurisdiction.

The Orange County Flood Control district proposes to install two separate debris and litter collection systems. One system will be installed within and across the Huntington Beach Channel, located approximately 1000 feet upstream of the Magnolia Street Bridge. This debris collection system to be placed within the Huntington Beach Channel consists of a floating debris boom fastened to the sides of the channel by posts that will capture debris that has previously collected in the channel before water flows deliver it to sensitive aquatic habitats downstream (Attachment No. 4).

The other installation to be located within the Talbert Channel is a litter trap collection system, which includes a debris boom that automatically captures debris and litter from the waterway and deposits it in a removable basket attached to the installation (Attachment No. 5). The removable baskets are regularly cleared of debris and litter as it is collected, thereby preventing it from reaching downstream aquatic habitats.

Background:

The Huntington Beach Channel debris boom and Talbert Channel litter trap collection system represent an effort by the Orange County Flood Control District to reduce the amount of litter and debris that reaches the wetlands areas of southeast Huntington Beach and the Pacific Ocean via the existing network of storm drain channels. The Talbert Channel litter trap collection system is the first installation of such litter controls in Orange County for flood water management purposes.

ISSUES:

Subject Property and Surrounding Land Use, Zoning and General Plan Designations:

Huntington Beach Channel Debris Boom:

LOCATION	GENERAL PLAN	ZONING	LAND USE
Subject Site:	ROW (Right-of-way) - Channel	ROW – Channel	Existing Huntington Beach Channel
North and East of Subject Site:	P (Public)	PS (Public – Semi-Public)	Oil Storage Tanks
South of Subject Property:	P	CC (Coastal Conservation)	Wetland
West of Subject Property:	P	CC; IG (Industrial General)	Wetland and Pipeline Infrastructure

Talbert Channel Litter Collection System:

LOCATION	GENERAL PLAN	ZONING	LAND USE
Subject Site:	ROW (Right of Way) - Channel	ROW – Channel	Existing Talbert Channel
North and South of Subject Site:	ROW – Channel	ROW – Channel	Talbert Channel
East and West of Subject Site:	RL – 7	RL	Existing Single Family Residences

General Plan Conformance:

The proposed installation of two debris and litter collection systems within the City of Huntington Beach conforms to the following goals, objectives, and policies of the General Plan:

A. Land Use Element

LU Goal 5: Ensure significant environmental habitats and resources are maintained.

LU Policy 5.1.3: Participate in inter-jurisdictional and regional environmental management and mitigation programs.

The proposed debris and litter collection systems are necessary to support existing and future public use of the Huntington Beach wetlands and beach recreation amenities. The Huntington Beach and Talbert Channels are located immediately adjacent to existing wetland habitat areas and act as a regional storm water conduit terminating at the Pacific Ocean. Supporting water quality infrastructure projects in conjunction with the Orange County Flood Control District, the proposed installations will help reduce the amount of litter and debris transported to sensitive aquatic environments within the City.

B. Utilities Element

U Policy 3.1.2: Coordinate with County agencies to improve the County’s facilities.

U Objective 3.3: Ensure that storm drain facilities (channels and outputs) do not generate significant adverse impacts on the environment in which the facilities traverse or empty.

The installation of the debris and litter collection systems represents an effort by the Orange County Flood Control District to enhance the existing storm channel system infrastructure. The Public Works Department is coordinating with OCFCD regarding the subject request in order to reduce the amount of litter and debris that reaches the waters of the surrounding wetland habitats and Pacific Ocean.

Zoning Compliance: Not applicable.

Urban Design Guidelines Conformance: Not applicable.

Environmental Status:

The General Plan conformance review is Categorical Exempt pursuant to Section 15306 of the California Environmental Quality Act (CEQA) because the project involves information collection which does not result in major disturbance to an environmental resource.

Coastal Status:

The Orange County Flood Control District has obtained all necessary approvals from the Coastal Commission for the proposed debris and litter collection systems. A Coastal Development Permit from the City is not required for the project.

Design Review Board: Not applicable.

Subdivision Committee: Not applicable.

Other Departments Concerns and Requirements:

No comments regarding General Plan Conformance No. 15-002 have been received from other City departments or agencies. The Public Works Department is in agreement with the request.

Public Notification:

General Plan Conformances are non-public hearing items and do not require legal notification.

Application Processing Dates:

DATE OF COMPLETE APPLICATION:

May 2, 2015

MANDATORY PROCESSING DATE(S):

June 11, 2015 (40 days from complete application)

ANALYSIS:

Section 65401 of the California Government Code provides that public works projects proposed by a governing body whose jurisdiction lies wholly or partially within a city shall submit to and report upon as to the project's conformity with the local adopted General Plan. Consistent with State law, staff has identified goals and objectives from the Land Use and Utilities Elements that are applicable to the request in the General Plan Conformance section of this staff report.

Because the proposed installation of two litter control systems is consistent with the goals, objectives, and policies of the General Plan, staff recommends the Planning Commission approve General Plan Conformance No. 15-002.

ATTACHMENTS:

1. Suggested Findings of Approval – GPC No. 15-002
2. Planning Commission Resolution No. 1687
3. Project Narrative Received and Dated April 2, 2015
4. Preliminary Project Plans – Huntington Beach Channel
5. Preliminary Project Plans – Talbert Channel

SH:JJ:HB:kd

ATTACHMENT NO. 1

SUGGESTED FINDINGS OF APPROVAL

GENERAL PLAN CONFORMANCE NO. 15-002

SUGGESTED FINDINGS FOR PROJECTS EXEMPT FROM CEQA:

The Planning Commission finds that the proposed project will not have any significant effect on the environment and is exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15306 of the California Environmental Quality Act (CEQA) because the project involves information collection which does not result in major disturbance to an environmental resource.

SUGGESTED FINDINGS FOR APPROVAL – GENERAL PLAN CONFORMANCE NO. 15-002:

The proposed installation of two debris and litter collection systems within the City of Huntington Beach conforms to the following goals, objectives, and policies of the General Plan:

A. *Land Use Element*

LU Goal 5: Ensure significant environmental habitats and resources are maintained.

LU Policy 5.1.3: Participate in inter-jurisdictional and regional environmental management and mitigation programs.

The proposed debris and litter collection systems are necessary to support existing and future public use of the Huntington Beach wetlands and beach recreation amenities. The Huntington Beach and Talbert Channels are located immediately adjacent to existing wetland habitat areas and act as a regional storm water conduit terminating at the Pacific Ocean. Supporting water quality infrastructure projects in conjunction with the Orange County Flood Control District, the proposed installations will help reduce the amount of litter and debris transported to sensitive aquatic environments within the City.

B. *Utilities Element*

U Policy 3.1.2: Coordinate with County agencies to improve the County's facilities.

U Objective 3.3: Ensure that storm drain facilities (channels and outputs) do not generate significant adverse impacts on the environment in which the facilities traverse or empty.

The installation of the debris and litter collection systems represents an effort by the Orange County Flood Control District to enhance the existing storm channel system infrastructure. The Public Works Department is coordinating with OCFCD regarding the subject request in order to reduce the amount of litter and debris that reaches the waters of the surrounding wetland habitats and Pacific Ocean.

DRAFT

RESOLUTION NO. 1687

**A RESOLUTION OF THE PLANNING COMMISSION OF THE
CITY OF HUNTINGTON BEACH FINDING THE INSTALLATION OF TWO DEBRIS
AND LITTER COLLECTION SYSTEMS IN CONFORMANCE WITH THE GOALS,
OBJECTIVES, AND POLICIES OF THE GENERAL PLAN
(GENERAL PLAN CONFORMANCE NO. 15-002)**

WHEREAS, the Government Code of the State of California, Section 65401, provides that public works projects proposed by a governing body whose jurisdiction lies wholly or partially within a city shall submit to and report upon as to the project's conformity with the local adopted General Plan; and

WHEREAS, staff has reviewed the subject request and submitted it to the Planning Commission for review on June 9, 2015; and

WHEREAS, staff has indicated applicable General Plan goals, objectives, and policies to establish conformance with the General Plan.

NOW, THEREFORE, BE IT RESOLVED THAT the Planning Commission of the City of Huntington Beach finds the proposed installation of two debris and litter collection systems is in conformance with the goals, objectives, and policies of the General Plan as follows:

Land Use Element

LU Goal 5: Ensure significant environmental habitats and resources are maintained.

LU Policy 5.1.3: Participate in inter-jurisdictional and regional environmental management and mitigation programs.

The proposed debris and litter collection systems are necessary to support existing and future public use of the Huntington Beach wetlands and beach recreation amenities. The Huntington Beach and Talbert Channels are located immediately adjacent to existing wetland habitat areas and act as a regional storm water conduit terminating at the Pacific Ocean. Supporting water quality infrastructure projects in conjunction with the Orange County Flood Control District, the proposed installations will help reduce the amount of litter and debris transported to sensitive aquatic environments within the City.

Utilities Element

U Policy 3.1.2: Coordinate with County agencies to improve the County's facilities.

U Objective 3.3: Ensure that storm drain facilities (channels and outputs) do not generate significant adverse impacts on the environment in which the facilities traverse or empty.

The installation of the debris and litter collection systems represents an effort by the Orange County Flood Control District to enhance the existing storm channel system infrastructure. The Public Works Department is coordinating with OCFCD regarding the subject request in

ATTACHMENT NO. 2.1

order to reduce the amount of litter and debris that reaches the waters of the surrounding wetland habitats and Pacific Ocean.

PASSED, APPROVED AND ADOPTED by the Planning Commission of the City of Huntington Beach at a regular meeting held on the 9th day of June, 2015, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

Scott Hess, Secretary

Planning Commission Chair



March 18, 2015

Tom Herbel, P.E.
City Engineer
City of Huntington Beach
200 Main St.,
Huntington Beach, CA 92648

Subject: Requests for Plans and Special Provisions Peer Review and General Plan Conformity, Huntington Beach (D01) and Talbert (D02) Channels Debris/Litter Collection Systems

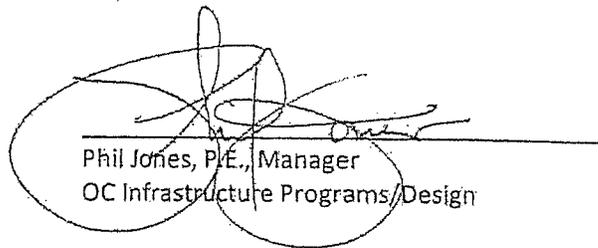
Submitted for your review and comment are the Plans and Specifications for the installation of Debris/Litter Collection systems across Huntington Beach (D01) and Talbert (D02) channels. Together with this memo is a request for General Plan Conformity findings for the above projects. The projects are located in the City of Huntington Beach.

The Huntington Beach channel debris collection system consists of a floating debris boom/net across the channel, 1000 ft. upstream of Magnolia St., fastened to the sides of the channel by a post in restraining concrete block and 12" diameter pipe pile driven into the invert of the channel, approximately 12" from the existing sheet pile wall.

The Talbert Channel Litter Trap Collection system is a branded and pre-fabricated litter collection system manufactured by Storm Water Systems, Inc. based in Cleveland, Georgia, an affiliate of an international company, Bandalong International Pty. Ltd of Australia. The litter trap collection system is a first-time installation in Orange County for flood water management. The application consists of a collection basket, 13' wide x 39.5' long held in place by four (4) 12" diameter FRP posts driven into the ground, 12"-18" from the existing east steel sheet pile channel wall. A 200-foot long 12" diameter High Density PolyEthylene (HDPE) floating boom will be installed diagonally across Talbert Channel restrained by two (2) 12" diameter FRP pipe piles, and connected to the collection basket at the side of the channel to redirect floating debris and litter captured from the surface of the water into the collection basket. The collection basket and booms are manufactured and assembled by Storm Water Systems, Inc. and are shipped as one unit or disassembled into components and shipped from the manufacturer's site in Georgia to the jobsite. The Talbert Channel litter collection unit is partially funded by a \$100K grant from MiOcean, a non-profit organization affiliated with the Huntington Beach Wetlands Conservancy. A cooperative agreement has been executed by MiOcean and is attached for reference.

Per California Government Code § 65401, the Orange County Flood Control District hereby requests a finding from the City of Huntington Beach that the above projects are in conformance with the goals, objectives, and policies of the City's General Plan. City Resolutions from previous projects are attached for reference.

Please return your review comments no later than April 8, 2015. Construction/installation of the two systems in place is tentatively scheduled in July 2015. If you need additional information, please contact Meynardo Sanchez, P.E., Project Engineer at (714) 647-3936 or Ali Fayad, P.E., Sr. Civil Engineer at (714) 647-3975,



Phil Jones, P.E., Manager
OC Infrastructure Programs/Design

Attachments:

Project Location Map, Huntington Beach Channel (D01) & Talbert Channel (D02)
Preliminary Plans (D01-104-1, D02-104-1)
Special Provisions
Previous City Resolutions

cc:

Kevin Onuma, OC Infrastructure
Marilyn Thoms, OC Environmental Resources
Charles Buslinger, OC Environmental Resources
Barbara Parker Fox, NP, Fuscoe Engineering
Ali Fayad, OCIP/Design
Meynardo Sanchez, OCIP/Design



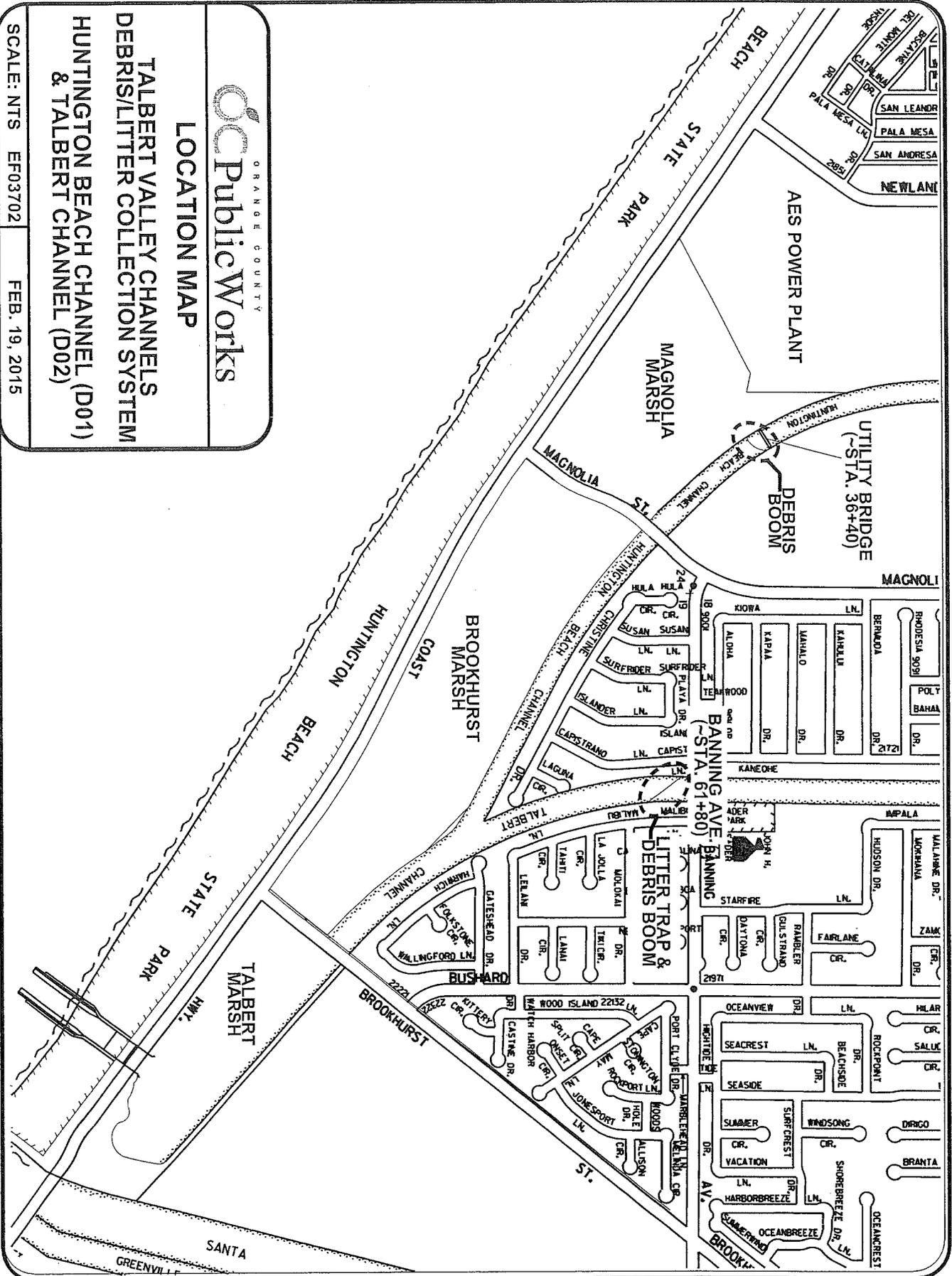
LOCATION MAP

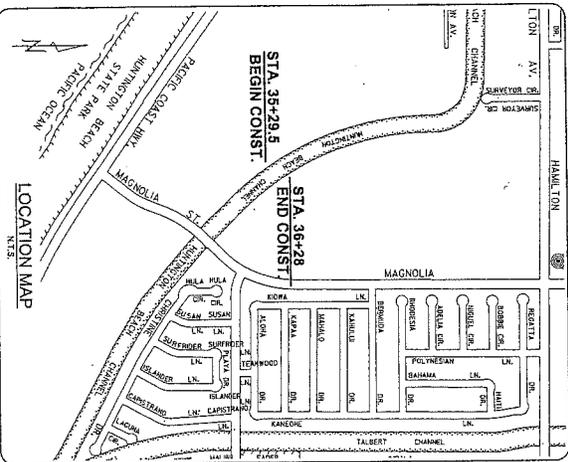
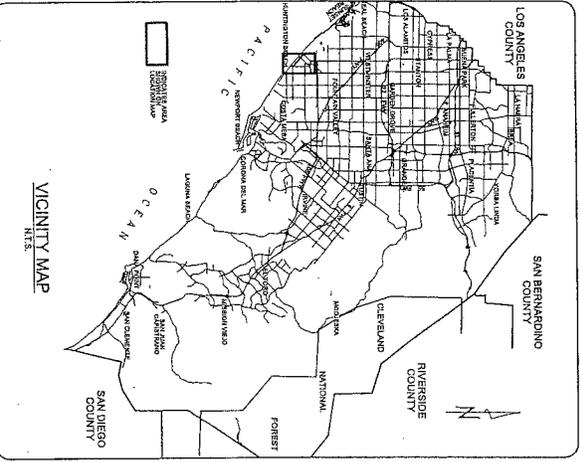
TALBERT VALLEY CHANNELS
DEBRIS/LITTER COLLECTION SYSTEM
HUNTINGTON BEACH CHANNEL (D01)
& TALBERT CHANNEL (D02)

SCALE: NTS EF03702

FEB. 19, 2015

Location Map dgn





County of Orange

Public Works

SANTA ANA, CALIFORNIA

SHANE L. SILSBY, DIRECTOR

PLANS FOR CONSTRUCTION OF HUNTINGTON BEACH CHANNEL DEBRIS BOOM

(OCFCD FACILITY NO. D01)

FROM STATION 35+29.5
TO STATION 36+28

APRIL 2015

FUNDED BY: ORANGE COUNTY FLOOD CONTROL DISTRICT
MAINTAINED BY: ORANGE COUNTY FLOOD CONTROL DISTRICT

APPROVALS

APPROVED: *[Signature]*
DIRECTOR OF PUBLIC WORKS
CITY OF HUNTINGTON BEACH
5/11/15
DATE

OC PUBLIC WORKS DEPARTMENT

SUBMITTED: *[Signature]* 05-04-15
ALL & ANY DESIGN CIVIL ENGINEER DATE
DESIGN DIVISION
OC INFRASTRUCTURE PROGRAMS

RECOMMENDED: *[Signature]* 5/11/15
KIM NICHOLS, P.E. MANAGER
OC INFRASTRUCTURE PROGRAMS
DESIGN DIVISION

APPROVED: *[Signature]* 5/11/15
KEVIN M. CRUZ, P.E. DEPUTY DIRECTOR
OC INFRASTRUCTURE PROGRAMS
DESIGN DIVISION

RECORD DRAWINGS
(TO BE COMPLETED BY RESIDENT ENGINEER)

CONTRACTOR: _____
RESIDENT ENGINEER: _____
INSPECTOR: _____
CONSTRUCTION START DATE: _____
CONSTRUCTION COMPLETION DATE: _____

PREPARED BY: *[Signature]*
KIM NICHOLS, P.E. SENIOR CIVIL ENGINEER
DESIGN DIVISION
05-04-15

BENCH MARK: HB-98-71

BASIS OF BEARINGS:
THE BEARING IS CONTAINED IN A BENCH MARK REPORT AND IS BASED ON THE BENCH MARK REPORT. THE BENCH MARK REPORT IS A PUBLIC RECORD AND IS AVAILABLE FOR REVIEW AT THE OFFICE OF THE COUNTY CLERK, 100 N. GATE, SUITE 100, HUNTINGTON BEACH, CA 92648. ANY CHANGES TO THE BENCH MARK REPORT MUST BE MADE IN ACCORDANCE WITH THE BENCH MARK REPORT.

NO.	DESCRIPTION	REVISIONS	DATE

W.O. NO. HB27410
DWG. NO. D01-104-1

SHEET 1 OF 3

INDEX OF SHEETS

SHEET	DESCRIPTION
1	TITLE SHEET
2	PLAN AND PROFILE
3	DETAILS

ATTACHMENT NO. 1-7



NO.	DATE	DESCRIPTION	BY	APP.



DESIGNED BY: MENAYAO A. SANCHEZ
 CHECKED BY: MENAYAO A. SANCHEZ
 DATE: 08/11/11
 SCALE: AS SHOWN

PREPARED BY: MENAYAO SANCHEZ
 DATE: 08/11/11
 SCALE: AS SHOWN

HUNTINGTON BEACH CHANNEL
 OCCUPY PROFILE
 STATION 35+29.5 TO 38+28

SHEET 2 OF 3

CONSTRUCTION NOTES

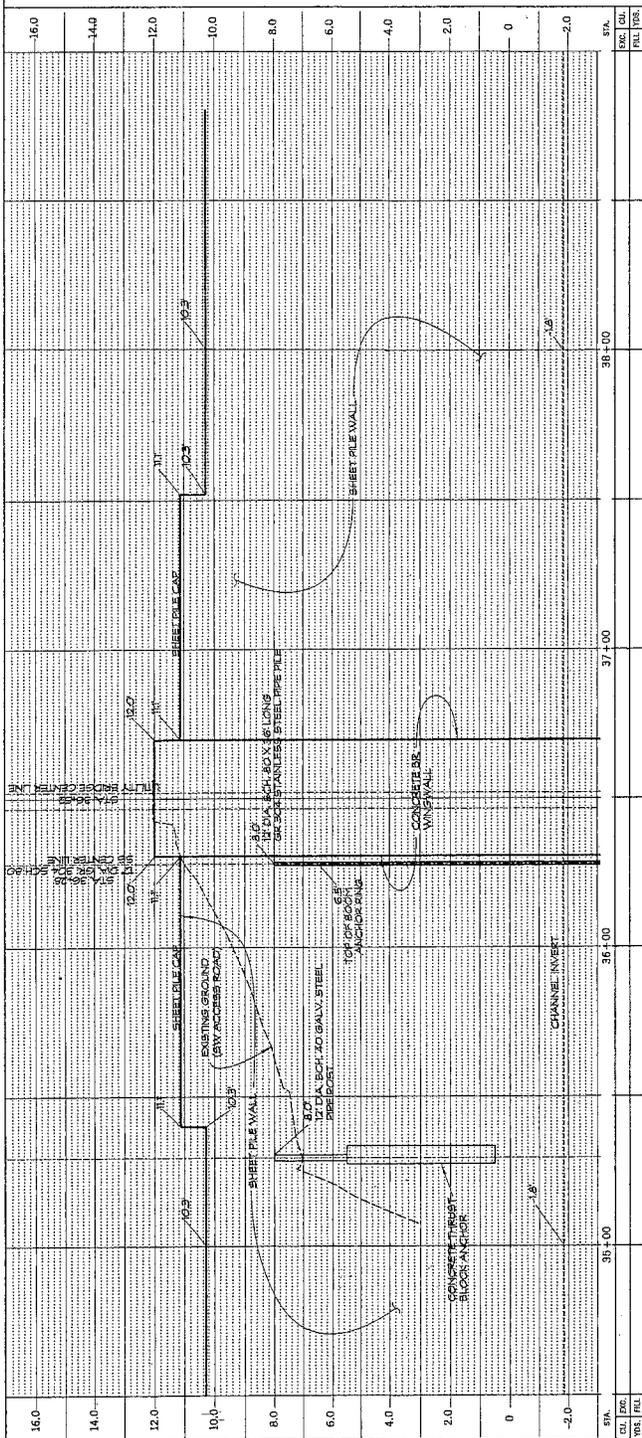
- INSTALL 2000 FEET LONG DEBRIS BOOM PER TYPICAL SECTION ON SHEET 3, AND PER SPECIAL PROVISIONS
- DRIVE 17 DIA. GRADE 304 SCHEDULE 40 STAINLESS STEEL PIPE PER TYPICAL SECTION ON SHEET 3, AND PER SPECIAL PROVISIONS. CONSTRUCT METALLIC CONCRETE THRUST BLOCK ANCHOR. PRECISE LOCATION SHALL BE AS DIRECTED BY THE ENGINEER.

LEGEND

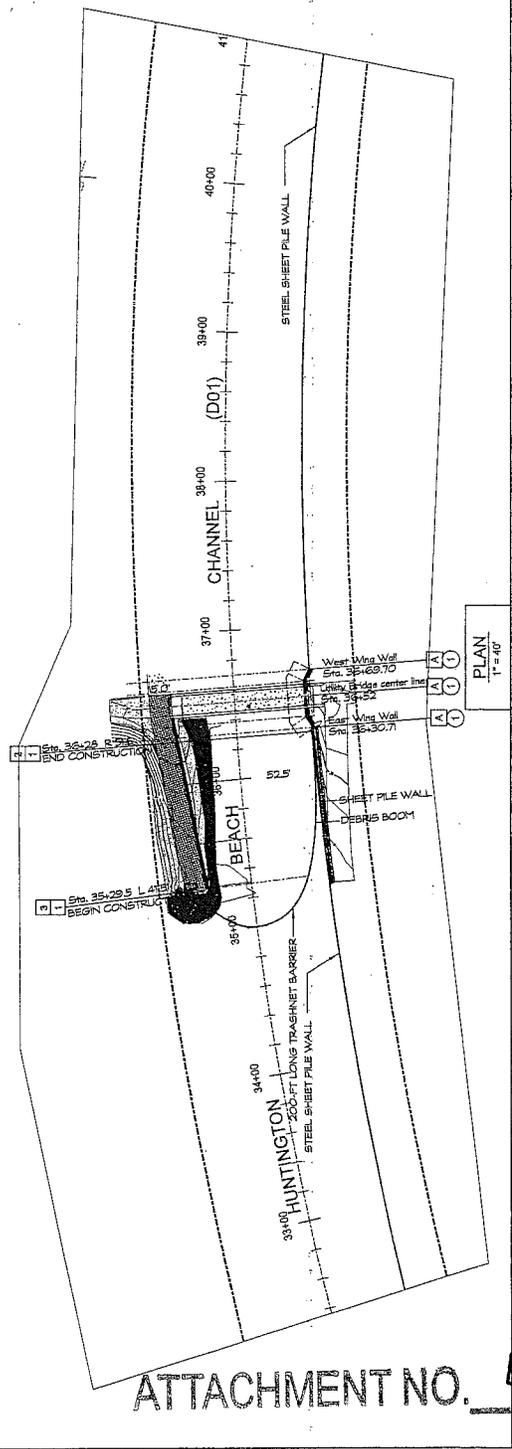
① PROTECT IN PLACE

UTILITIES

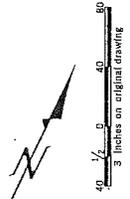
▲ PLANS ALL AMERICAN PIPELINE, LP
 ▲ PER CIP 2001-00980



PROFILE
 HORIZ. 1"=40'
 VERT. 1"=5'

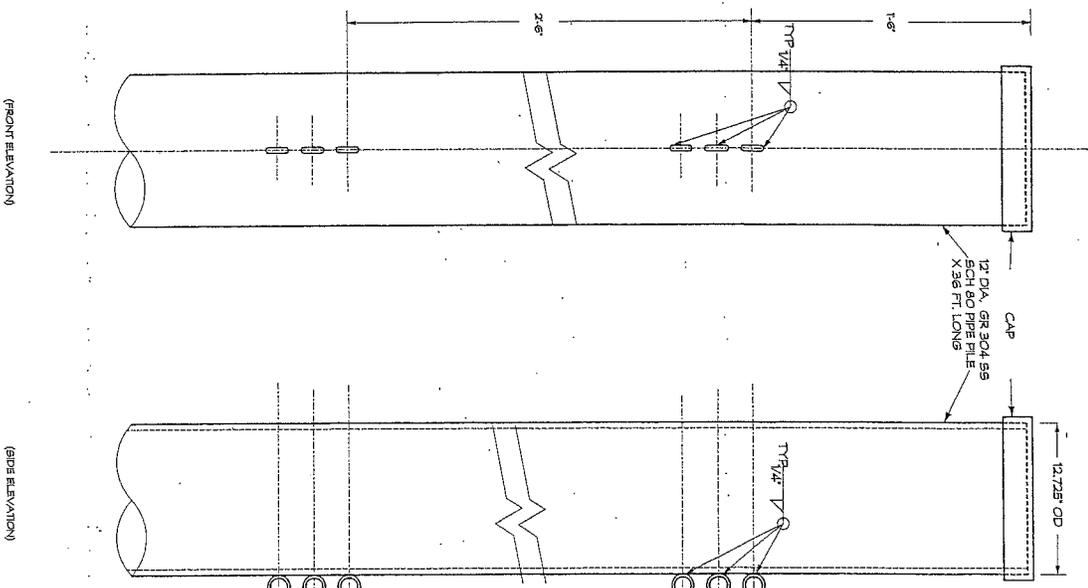


PLAN
 1"=40'

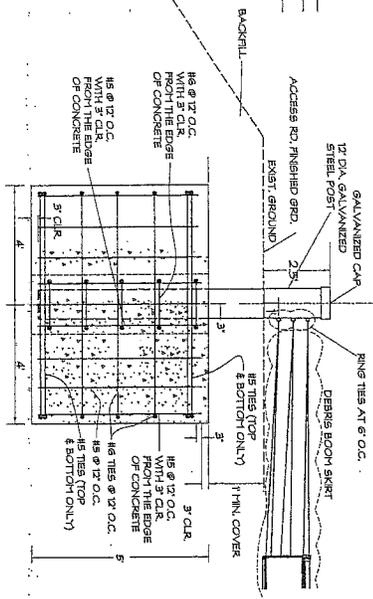


ATTACHMENT NO. 4-2

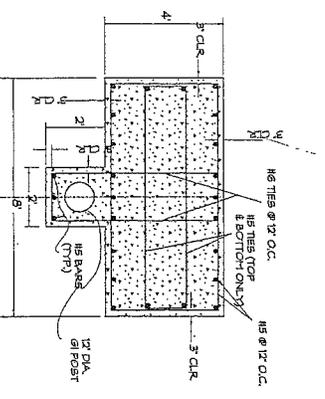
DEBRIS BOOM PIPE PILE (36-FOOT LONG)
NOT TO SCALE



DEBRIS BOOM RESTRAINING POST
(SECTION VIEW - DOWNSTREAM)
NOT TO SCALE



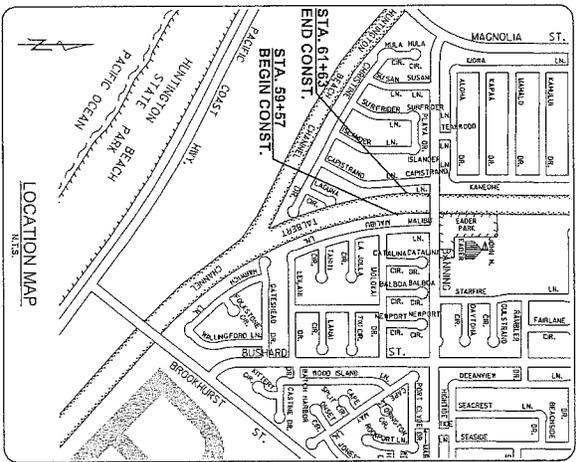
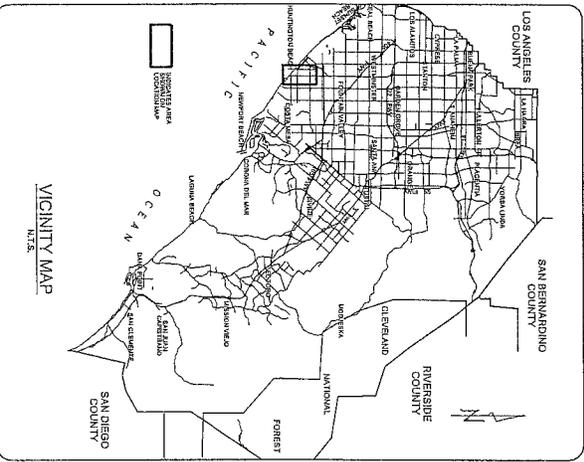
DEBRIS BOOM RESTRAINING POST
(PLAN VIEW - DOWNSTREAM)
NOT TO SCALE



ATTACHMENT NO. 4.3



DOI-104-183_2816.dgn



County of Orange

Public Works

SANTA ANA, CALIFORNIA

SHANE L. SILSBY, DIRECTOR

PLANS FOR CONSTRUCTION OF TALBERT CHANNEL FLOATING DEBRIS COLLECTION SYSTEM

(OCFCD FACILITY NO. D02)

DOWN STREAM OF BANNING AVE.
(FROM STATION 59+57 TO STATION 61+63)

FUNDED BY: ORANGE COUNTY FLOOD CONTROL DISTRICT
MAINTAINED BY: ORANGE COUNTY FLOOD CONTROL DISTRICT

APRIL 2015

APPROVALS

APPROVED: _____ DATE _____

DIRECTOR OF PUBLIC WORKS
CITY OF HUNTINGTON BEACH

OC PUBLIC WORKS DEPARTMENT

APPROVED: _____ DATE _____

SUBMITTED: _____ DATE _____
PHILIP L. JONES, P.E., MANAGER
DESIGN
OC INFRASTRUCTURE PROGRAMS

RECOMMENDED: _____ DATE _____
SHANE L. SILSBY, P.E., DEPUTY DIRECTOR
OC PUBLIC WORKS

RECORD DRAWINGS
(TO BE COMPLETED BY RESIDENT ENGINEER)

CONTRACTOR: _____

RESIDENT ENGINEER: _____

INSPECTOR: _____

CONSTRUCTION START DATE: _____

CONSTRUCTION COMPLETION DATE: _____

PREPARED BY: _____ DATE _____

CHARLOTTE E. CONNOR, P.E., S.E.
1200 MAIN STREET, SUITE 100
HUNTINGTON BEACH, CA 92648
PHONE: 714.889.0900

INDEX OF SHEETS

SHEET	DESCRIPTION
1	
2	
3	

ATTACHMENT NO. 5.1

BENCH MARK:

BASIS OF BEARINGS:

UTILITY OWNER: _____ CONTACT: _____ PHONE NO.: _____

REVISIONS

NO.	DESCRIPTION	SHT.	APPROVED	DATE

W.O. NO. EF _____ SHEET 1 OF 5
DWG. NO. D02104.1

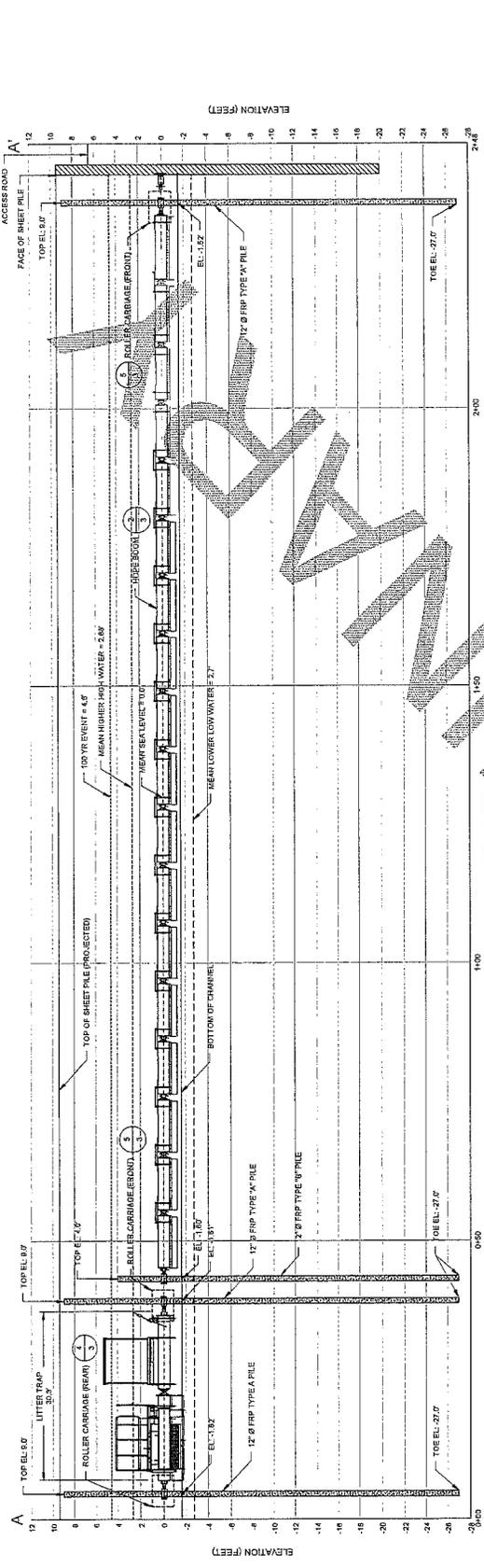


MARK	DESCRIPTION	DATE	APP'D.

DESIGNED BY: **Geosyntec**
 COUNTY OF ORANGE Public Works
 PREPARED BY: **Geosyntec**
 COUNTY OF ORANGE Public Works
 DRAWING NO. 15
 SHEET NO. 4
 SCALE: AS SHOWN
 DATE: 11/13/12

PLANS FOR CONSTRUCTION OF
 FALBERT CHANNEL
 FLOATING DEBRIS TRAP
 OCCFD FACILITY No. 002

PROFILE
 SHEET **4** OF 4

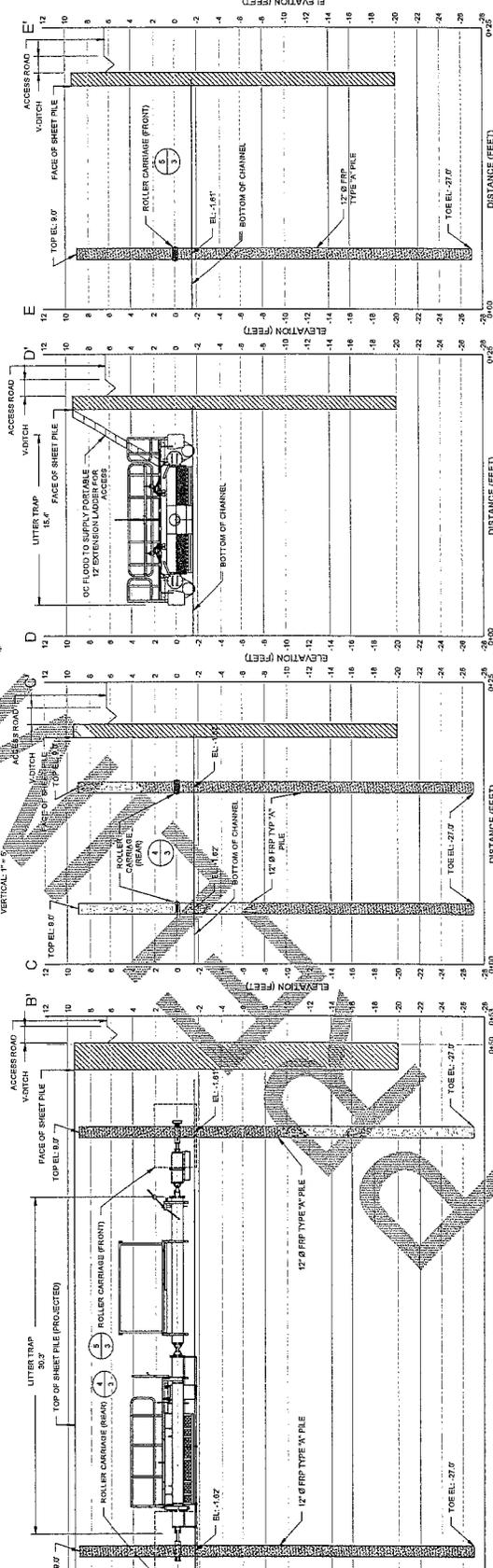


A CROSS SECTION LITTER TRAP/BOOM (LONGITUDINAL)
 HORIZONTAL T=5'
 VERTICAL T=5'

B CROSS SECTION LITTER TRAP/BOOM (LONGITUDINAL)
 HORIZONTAL T=5'
 VERTICAL T=5'

C CROSS SECTION LITTER TRAP/BOOM (LONGITUDINAL)
 HORIZONTAL T=5'
 VERTICAL T=5'

D CROSS SECTION LITTER TRAP/BOOM (LONGITUDINAL)
 HORIZONTAL T=5'
 VERTICAL T=5'



E CROSS SECTION LITTER TRAP/BOOM (LONGITUDINAL)
 HORIZONTAL T=5'
 VERTICAL T=5'

D CROSS SECTION LITTER TRAP/BOOM (LONGITUDINAL)
 HORIZONTAL T=5'
 VERTICAL T=5'

C CROSS SECTION LITTER TRAP/BOOM (LONGITUDINAL)
 HORIZONTAL T=5'
 VERTICAL T=5'

B CROSS SECTION LITTER TRAP/BOOM (LONGITUDINAL)
 HORIZONTAL T=5'
 VERTICAL T=5'

ATTACHMENT NO. 5.5

85% DRAFT NOT FOR CONSTRUCTION