envicom
CORPORATION

MEMORANDUM

Date: June 22, 2022

To: City of Agoura Hills, Planning and Community Development Department
From: Envicom Corporation, CEQA Consultants to m6 Consulting Inc.
Contact: Daniel Kaufman, Environmental Planner

Subj: Assessment of Agoura Hills Storm Water Diversion Project Eligibility for a CEQA Categorical Exemption (Envicom Project #2021-123-01)

This assessment was drafted by Envicom Corporation (Envicom) for use by the City of Agoura Hills (City) as the lead agency. This assessment evaluates whether the proposed Agoura Hills Stormwater Diversion Project (project) qualifies for a Categorical Exemption under the California Environmental Quality Act (CEQA).

CEQA defines categorical exemptions for various types of projects the Secretary of the Resources Agency of the State of California has determined do not have a significant effect on the environment, and therefore are not subject to further environmental review under CEQA. The Class 1 (Existing Facilities) exemption (Section 15301 of the State CEQA Guidelines) exempts repair or minor alteration of existing structures involving negligible expansion of existing use. The Class 3 (New Construction or Conversion of Small Structures) exemption (Section 15303 of the State CEQA Guidelines) exempts construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure.

In addition, projects seeking these Categorical Exemptions cannot fall under certain specified exceptions provided in Section 15300.2 of the State CEQA Guidelines, as paraphrased below.

Exceptions

(a) Classes 3, 4, 5, 6, and 11 are qualified by consideration of where the project is to be located.[1]

(b) The project and successive projects of the same type in the same place will result in cumulative impacts.

(c) There are unusual circumstances creating the reasonable possibility of significant effects.

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[1] A project that is ordinarily insignificant in its impact on the environment may in a particularly sensitive environment be significant. Therefore, these classes are considered to apply all instances, except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.

(d) The project may result in damage to scenic resources, including, but not limited to, trees, historic buildings, rock outcroppings, or similar resources, within an officially designated scenic highway.

(e) The project is located on a site that the Department of Toxic Substances Control and the Secretary of the Environmental Protection have identified, pursuant to Government code section 65962.5, as being affected by hazardous wastes or clean-up problems.

(f) The project may cause a substantial adverse change in the significance of an historical resource.

The justification for use of a Class 1 and 3 Categorical Exemption in compliance with CEQA Requirements is provided below in the following format: I. Project Description, II. Evaluation of Exemption Criteria, III. Consideration of Exemptions, and IV. Conclusion.

I. PROJECT DESCRIPTION

The project site would be designed to provide water to augment wastewater flow to the Triunfo Water and Sanitation District's Tapia Water Reclamation Facility (TWRF). With the success of water conservation methods, the flow at the TWRF has been reduced to a level that is less desirable for plant operations. The storm water diversion project would divert the most polluted, dry weather flows from the upstream urban stormwater system into the plant. These flows occur during low-flow times of year, typically from April 15 to October 15, as determined by the City. The proposed storm water diversion system would operate by semi- automated and remote access with devices placed within existing Los Angeles County Flood Control District storm drains and limited connection piping to the wastewater (sewer) pipes. The diverted flow would be conveyed to the TWRF and once treated, would be used as recycled water for irrigation. This provides several benefits, including providing added water needed for improved operations at the TWRF, and the "cleaning" of low flow stormwater runoff discharges, which tend to be higher in pollutants than high flow discharges. All ground disturbance is assumed to be within existing disturbed and urbanized areas, and primarily within street rights-of-way. Minimal pavement demolition, trenching, excavation, and repaving would occur to construct the diversion structures. Substantial earthmoving, soil export, or demolition spoils export would not be required.

The project site consists of the immediate area surrounding ten (10) existing subterranean storm water drainage and sewer infrastructure locations below or near City roadways. The project locations are:

1. Rainbow View Drive and Lake Lindero Road, Private Drain (PD) 687
2. Hackers Lane and Lake Lindero Road, PD 687
3. Thousand Oaks Boulevard, PD 736
4. Medea Valley Drive (Chumash Park), PD 1025
5. Thousand Oaks Boulevard and Kanan Road, PD 1378
6. Oakpath Drive and Buffwood Place, PD 1583
7. Canwood Street West, Miscellaneous Transfer Drain (MTD) 1694
8. Canwood Street East, MTD 1694
9. Agoura Road and Liberty Canyon Road, PD 1874
10. Liberty Canyon Road and Country Glen Road, PD 631

The locations are shown on a location map,[2] provided in **Attachment A, Approved Concept Plan**. The conceptual design[3, 4, 5] is also shown on Attachment A.

II. EVALUATION OF EXEMPTION CONDITIONS

The following subsections provide discussion and analysis of the project's consistency with the criteria listed in Sections 15301and 15303 of the State CEQA Guidelines, for a project to be eligible for a Categorical Exemption under Classes 1 and 3, respectively.

(a) Class 1, Existing Facilities, "consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use." The key consideration stated in Section 15301 is whether the project involves "negligible or no expansion of use."

The locations at which the proposed structures would be installed are existing drainage facilities. The expansion of use would be negligible, as the project would divert dry weather storm water, which consists small quantities of water, from the existing storm drain system to the existing sewer system. The small quantities diverted from the storm drain system during dry weather conditions would not appreciably affect water supply of the storm drain system outlet waterways. The diverted water would also be treated and then returned to the natural watershed systems. In addition, adjacent roadways or land uses would not be affected by the operation of the subterranean structures. Therefore, the project consists of minor alteration of existing public facilities and mechanical equipment with negligible expansion of use, and is eligible for a Class 1 CEQA exemption.

(b) Class 3, New Construction or Conversion of Small Structures, "consists of construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure."

The project would install small new equipment within existing public facilities and exterior modifications, such as the addition of manholes, which would be minor. The change in footprint would be negligible, as shown by the equipment dimensions on the plans included as Attachment A, and would not significantly impact environmental resources. Thus, only very small areas of disturbance largely within street rights-of-way would occur and the surface would be restored to its prior appearance for a negligible impact. The capacity of the wastewater treatment facility would not be negatively affected by the increased waterflow, rather the project would help the facility utilize its existing available capacity. Also, as a safeguard, the City will have the ability to stop or start the flow as needed. Thus, the project would qualify as new construction or conversion of small structures and the project is eligible for a Class 3 CEQA exemption.

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[2] m6 Consulting Inc., City of Agoura Hills Dry Weather Diversion Project, June 2022 .

[3] m6 Consulting Inc., City of Agoura Hills Dry Weather Diversion Project: FCDP2022000063, June 2022.

[4] m6 Consulting Inc., City of Agoura Hills Dry Weather Diversion Project: FCDP2022000067, June 2022.

[5] m6 Consulting Inc., City of Agoura Hills Dry Weather Diversion Project: FCDP2022000085, June 2022.

III. CONSIDERATION OF EXCEPTIONS

Section 15300.2 of the CEQA Statutes and Guidelines provides a list of exceptions for consideration of a project as categorically exempt. These are listed and discussed below:

(a) Location. Classes 3, 4, 5, 6, and 11 are qualified by consideration of where the project is to be located. A project that is ordinarily insignificant in its impact on the environment may in a particularly sensitive environment be significant. Therefore, these classes are considered to apply all instances, except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.

The following analysis is provided as required for the use of the Class 3 Categorical Exemption.

Geology. As discussed in the City General Plan, there are no Alquist-Priolo Special Studies Zones within the City, and the nearest faults to the City are the Santa Rosa Fault approximately 7 miles away from the City, the Oak Ridge fault approximately 17 miles away, and the San Cayetano Fault approximately 18 miles away.[6]

Part of project Location No. 9 at Agoura Road and Liberty Canyon Road, PD 1874 and Location No. 10 at Liberty Canyon Road and Country Glen Road, PD 631 are within a liquefaction zone.[7] However, the project's alteration and improvement of drainage structures would not increase liquefaction hazards and in fact are part of a facility that exists to control excess water flow. None of the locations are within a landslide zone.[8]Subsidence has not been identified within the City and there is very minimal potential for subsidence, because it is unlikely that substantial groundwater or oil extraction would occur in the City, thereby causing the land to subside.[9]

Flooding. Five of the ten project locations are within a 100-year flood zone: Location No. 1 at Thousand Oaks Boulevard, PD 736; Location No. 5 at Thousand Oaks Boulevard and Kanan Road, PD 1378; Location No. 7 at Canwood Street West, MTD 1694; Location No. 9 at Agoura Road and Liberty Canyon Road, PD 1874; and Location No. 10 at Liberty Canyon Road and Country Glen Road, PD 631.[10] However, the locations are part of facilities that control flood flows, and the project would not increase the risk or severity of flooding or flood-related release of hazardous materials.

Fire Hazards. The entire City is in a Very High Fire Hazard Severity Zone,[11] but the project would not increase the severity of this hazard because it is altering and improving drainage facilities, which would be underground and not a fire hazard.

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6 City of Agoura Hills, General Plan, Chapter 5: Community Safety, March 2010.

7 California Geological Survey, Earthquake Zones of Required Investigation: Calabasas Quadrangle, February 1, 1998. Accessed on June 10, 2022 at https://filerequest.conservation.ca.gov/RequestFile/76329.

8 California Geological Survey, Earthquake Zones of Required Investigation: Thousand Oaks Quadrangle, February 1, 1998. Accessed on June 10, 2022 at https://filerequest.conservation.ca.gov/RequestFile/76801.

9 City of Agoura Hills, General Plan, Chapter 5: Community Safety, March 2010.

10 City of Agoura Hills, General Plan, Chapter 5: Community Safety, Figure S-1: Hazards, March 2010.

11 City of Agoura Hills, General Plan, Chapter 5: Community Safety, Figure S-1: Hazards, March 2010.

Disaster Preparedness. Project Location No. 3 at Thousand Oaks Boulevard, PD 736 is partially located within the right of way of Thousand Oaks Boulevard. Location No. 7 at Canwood Street West, MTD 1694 and Location No. 8 at Canwood Street East, MTD 1694, are mostly within the right of way of Canwood Street. In these areas, Thousand Oaks Boulevard and Canwood Street are designated as primary arterial roadways,[12] and as such could be used in the case of evacuation. Some of the other locations are partially or fully within, or adjacent to a more minor roadway. Operation of the underground project structures would not affect traffic flow on the roadways and thus would not affect the function of the roadways during disaster response or evacuation. During construction, a construction management plan will be required as part of the standard City approval process, which would assure smooth traffic flow during the short-term construction period.

(b) Cumulative Impact. All exemptions for these classes are inapplicable when the cumulative impact of successive projects of the same type in the same place, over time, is significant.

As discussed above, the project site is a minor alteration and improvement project. The project itself would have no significant impacts (as evaluated in this memorandum) and thus it would not add to cumulative impacts. In the future, additional diversion structures may be installed in the City as a subsequent project. Such future locations have not been determined at this time, and the potential environmental effects of such an action would be evaluated at the time it is proposed. Therefore, no cumulative impacts would occur.

(c) Significant Effect. A categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances.

The project is a minor alteration and improvement project within existing drainage facilities. As discussed earlier, the project was found to have no significant areas of impact. Beyond the issues addressed, there are no known unusual circumstances on or around the project locations, that would warrant environmental analysis.

(d) Scenic Highways. A categorical exemption shall not be used for a project which may result in damage to scenic resources, including but not limited to, trees, historic buildings, rock outcroppings, or similar resources, within a highway officially designated as a state scenic highway.

Some of the project locations are near Thousand Oaks Boulevard, Kanan Road, or Agoura Road, which are City-designated scenic highways.[13] Nonetheless, the project would alter and improve subterranean equipment, which would not be visible from aboveground. Any new aboveground features, such as manholes, would be typical occurrences on roadways and would not affect scenic quality. The project would also not remove any scenic trees, buildings (historic or otherwise), rock outcroppings, or similar scenic resources.

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[12] City of Agoura Hills, General Plan, Chapter 2: Community Conservation and Development, Figure M-1 Circulation Plan and Street Classification.

[13] City of Agoura Hills, General Plan, Chapter 4: Natural Resources, March 2010.

(e) Hazardous Waste Sites. A categorical exemption shall not be used for a project located on a site which is included on any list compiled pursuant to Section 65962.5 of the Government Code.

The project is not located within a site which is included in any list compiled pursuant to Section 65962.5 of the Government Code, commonly referred to as the Cortese List. The site is therefore not listed on the California Department of Toxic Substances Control maintained EnviroStor online data management system for tracking cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues.[14] Therefore, the project is not identified as a hazardous waste site, or in the vicinity of a hazardous waste site, and would not be in conflict with this exception for a Class 32 In-Fill Development Categorical Exemption.

(f) Historical Resources. A categorical exemption shall not be used for a project which may cause a substantial adverse change in the significance of a historical resource.

The project locations do not include buildings and consist of subterranean utility infrastructure and the roadways and/or flood control facilities above them. The project would remove and replace ordinary pavement surfaces which do not have historical importance and are routinely replaced over time. Therefore, the project would not cause an adverse change to the significance of an historic resource.

IV. CONCLUSION

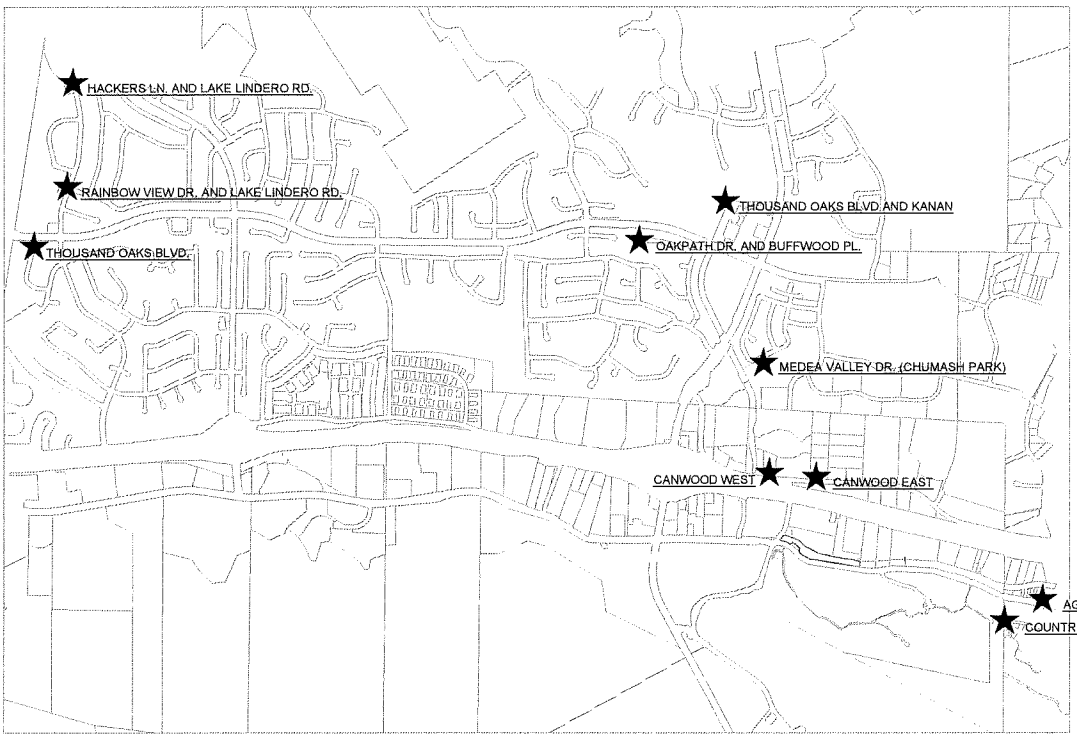
Based on the above information and attached documentation, this analysis shows that development of the proposed Agoura Hills Stormwater Diversion Project would be consistent with the criteria for a Class 1 and 3 Categorical Exemption under CEQA Statute Sections 15301 and 15303.

[14] California Department of Toxic Substances Control, Envirostor. Accessed on June 10, 2022 at https://www.envirostor.dtsc.ca.gov/public/map/?myaddress=Agoura+Hills .

ATTACHMENT A:

Approved Concept Plan,
m6 Consulting, Inc.

CITY OF AGOURA HILLS
DRY WEATHER DIVERSION PROJECT



LOCATION MAP
SCALE: 1" = 800'

SHEET INDEX		
SHEET NO.	DRAWING NO.	SHEET TITLE
1	T-1	TITLE SHEET
CIVIL		
2	C-1	GENERAL NOTES
3	C-2	LOW FLOW DIVERSION LOCATION NO 1
4	C-3	LOW FLOW DIVERSION LOCATION NO 2
5	C-4	LOW FLOW DIVERSION LOCATION NO 3
6	C-5	LOW FLOW DIVERSION LOCATION NO 4
7	C-6	LOW FLOW DIVERSION LOCATION NO 5
8	C-7	LOW FLOW DIVERSION LOCATION NO 6
9	C-8	LOW FLOW DIVERSION LOCATION NO 7
10	C-9	LOW FLOW DIVERSION LOCATION NO 8
11	C-10	LOW FLOW DIVERSION LOCATION NO 9
12	C-11	LOW FLOW DIVERSION LOCATION NO 10
13	C-12	DETAILS
ELECTRICAL		
17	E-1	
18	E-2	
19	E-3	

NO WORK SHALL BE DONE ON THE SITE UNTIL VERIFICATION HAS BEEN MADE WITH UNDERGROUND SERVICE ALERT.

811 Know what's below. Call before you dig.

THIS DRAWING MUST BECOME AS-BUILT

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY:

CIVIL ENGINEER — LICENSE NO. 63154 — EXP. DATE 6/3/2023

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE, DIRECTOR OF PUBLIC WORKS — DATE — RCE NO. 80486 — EXP DATE 03/31/23

CITY OF AGOURA HILLS

DRY WEATHER DIVERSION PROJECT

COVER SHEET

SHEET NUMBER T-1

SHEET 1 OF X

CITY OF AGOURA HILLS DWG. NO. _____

\\172.---\Public\Projects\Landdgn\Agoura Hills\Projects\Diversion Structures\T1 - Title Sheet With Project Locations.dwg

CITY OF AGOURA HILLS
DRY WEATHER DIVERSION PROJECT

SHEET INDEX		
SHEET NO.	DRAWING NO.	SHEET TITLE
1	T-1	TITLE SHEET
CIVIL		
2	C-1	GENERAL NOTES
3	C-2	LOW FLOW DIVERSION LOCATION NO 1
4	C-3	LOW FLOW DIVERSION LOCATION NO 2
5	C-4	LOW FLOW DIVERSION LOCATION NO 3
13	C-12	DETAILS
ELECTRICAL		
17	E-1	
18	E-2	
19	E-3	

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP#2022-0003 2-15-2022

LOCATION MAP
SCALE: 1" = 600'

50% PLANS (NOT FOR CONSTRUCTION)

NO WORK SHALL BE DONE ON THIS SITE UNTIL BEGIN WORK IS NOTIFIED OF INTENT TO DIGGING OR DRILLING.

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TWO WORKING DAYS BEFORE YOU DIG

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4155 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER
63154 — LICENSE NO.
6/3/2022 — EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE — DIRECTOR OF PUBLIC WORKS
DATE
80485 — RCE NO.
03/31/23 — EXP DATE

CITY OF AGOURA HILLS

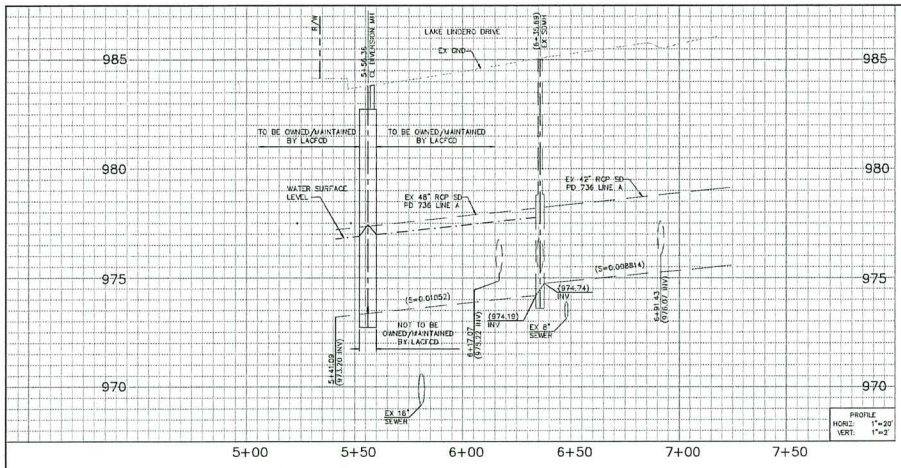
DRY WEATHER STORM WATER DIVERSION PROJECT

COVER SHEET

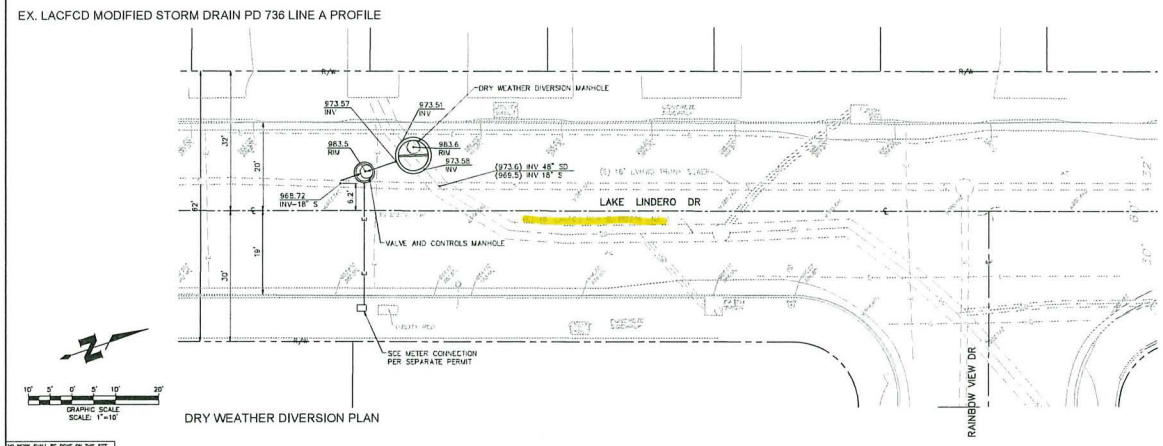
SHEET NUMBER: T-1
SHEET 1 OF X

CITY OF AGOURA HILLS DWG. NO. _____

\\192.168.1.134\Public\Projects\Municipal\Agoura Hills\Projects\Diversion Structures\PS&E\Locations\DOS PSE\Permit 1 - Hackers, Rainbow, And TO Blvd\T1 - Title Sheet With Project Locations.dwg



EX. LACFCD MODIFIED STORM DRAIN PD 736 LINE A PROFILE



DRY WEATHER DIVERSION PLAN

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDIP2022000063 2.15.2022

50% PLANS (NOT FOR CONSTRUCTION)

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO DIGGING OR DISPOSAL

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REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC. 4155 E. THOUSAND OAKS STE. 355 WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER — 63154 LICENSE NO. — 6/3/2022 EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE — DIRECTOR OF PUBLIC WORKS — DATE — 80486 RCE NO. — 03/31/23 EXP. DATE

CITY OF AGOURA HILLS

DRY WEATHER STORM WATER DIVERSION PROJECT
LOW FLOW DIVERSION LOCATION NO 1
LAKE LINDERO DRIVE AND RAINBOW VIEW DRIVE

SHEET NUMBER: SHEET X OF X

CITY OF AGOURA HILLS DWG. NO

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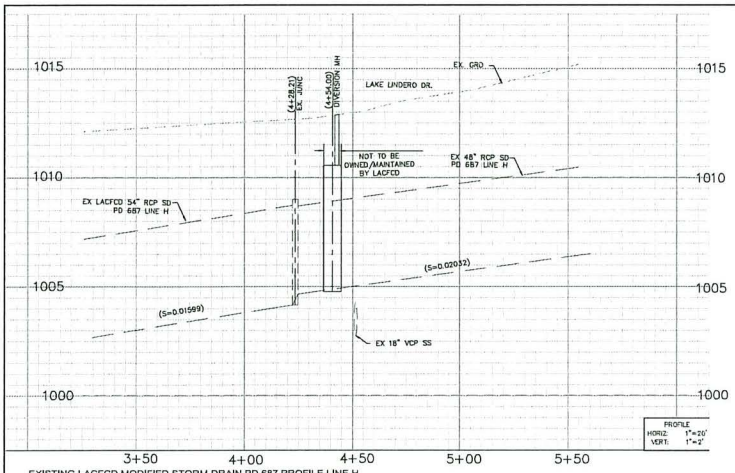

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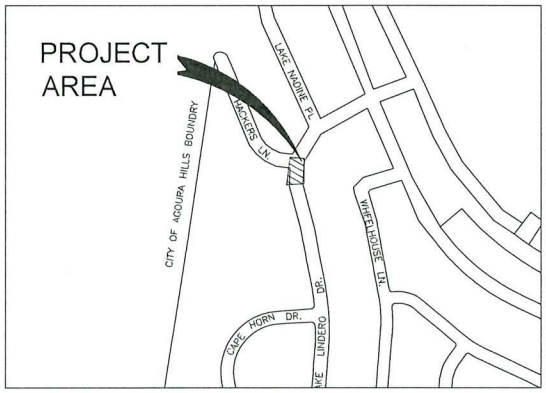

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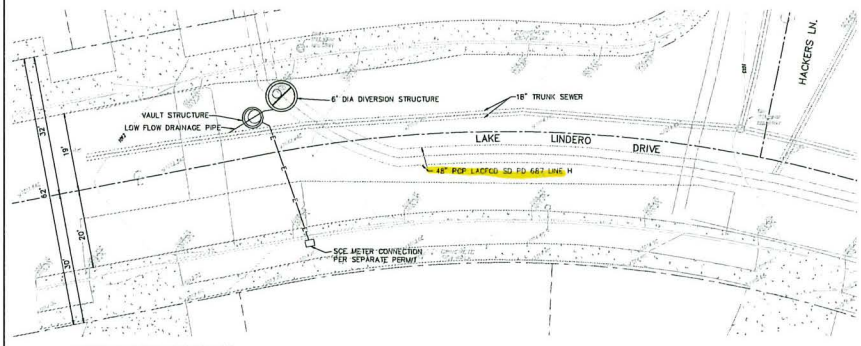

DRY WEATHER DIVERSION PLAN

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. ESUP2022-0000
2.15.2022

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, EPOCH 2010.00.

BENCH MARK:

B.M. NO. DV 9155 NAVD 1988 LOS ANGELES COUNTY PUBLIC WORKS

L & LS TAG #2602 IN H CB 1' W/O BCR @ NW COR THOUSAND OAKS BLVD & LAKE LINDERO DR.

ELEVATION = 974.91 FEET (ADJUSTMENT 2020)

UTILITY MARKING NOTE:

UTILITIES SHOWN HEREON WHERE BASED UPON SURFACE MARKINGS AND UTILITY RESEARCH PROVIDED BY C BELOW SUBSURFACE DRAWING. DURING THE COURSE OF THIS SURVEY THE LOCATION OF SAID UTILITIES WHERE LOCATED BASED UPON AND FIELD SURVEY AND REMOTE SENSING.

50% PLANS (NOT FOR CONSTRUCTION)

NO WORK SHALL BE DONE ON THIS SITE UNTIL BOTH A PERMIT & NOTICE OF INTENTION TO START OR DISCARD

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TWO WORKING DAYS BEFORE YOU DIG

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4155 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER
63154 — LICENSE NO.
6/3/2022 — EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE — DIRECTOR OF PUBLIC WORKS — DATE
80486 — RCE NO.
03/31/23 — EXP. DATE

AGOURA HILLS

DRY WEATHER STORM WATER DIVERSION PROJECT
LOW FLOW DIVERSION
LOCATION NO 2
LAKE LINDERO DR. AND HACKERS LN.

SHEET NUMBER:
SHEET X OF X

CITY OF AGOURA HILLS ENG. NO. _____

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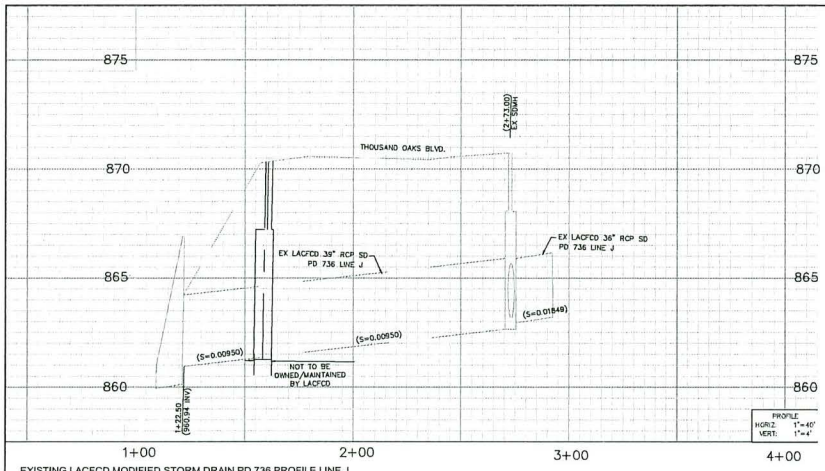
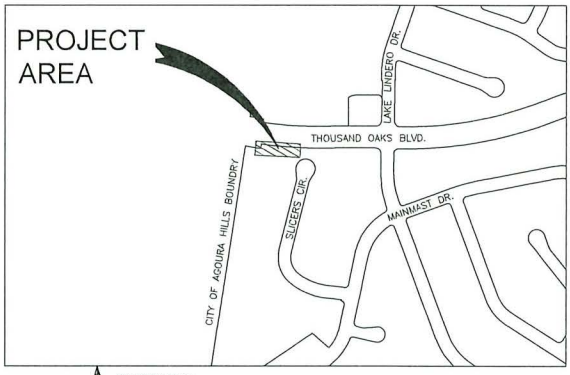
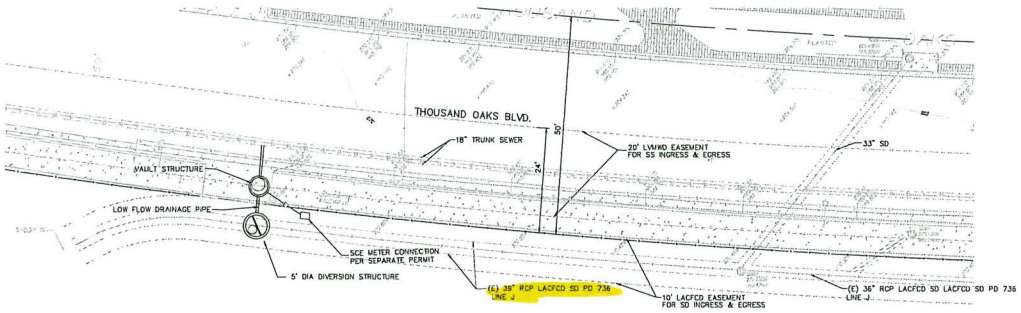


EXISTING LACFCD MODIFIED STORM DRAIN PD 736 PROFILE LINE J



LOCATION MAP
SCALE: 1" = 200'



DRY WEATHER DIVERSION PLAN

10' 5' 0' 5' 10' 20'
GRAPHIC SCALE
SCALE: 1"=10'

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP2022000063
2.15.2022

BASIS OF BEARINGS:

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BENCH MARK:

B.M. NO. DV 9155 NAVD 1988 LOS ANGELES COUNTY PUBLIC WORKS

L S LS T 2 S R2602 IN N CB 1' W/O BCR @ NW COR THOUSAND OAKS BLVD & LAKE LINDERO DR.

ELEVATION = 974.91 FEET (ADJUSTMENT 2030)

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PLANS PREPARED BY: m6 CONSULTING, INC.
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JESSICA FORTE
DIRECTOR OF PUBLIC WORKS
DATE
80486 — RCE NO.
03/31/23 — EXP. DATE

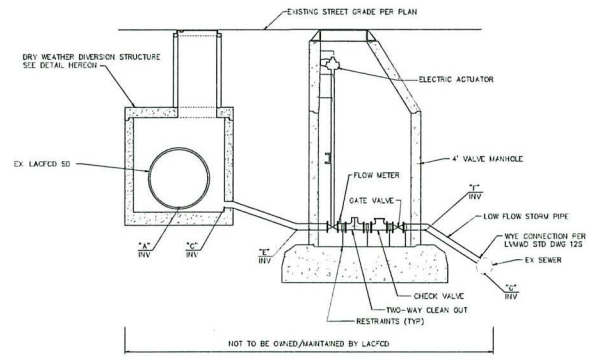
CITY OF AGOURA HILLS

DRY WEATHER STORM WATER
DIVERSION PROJECT
LOW FLOW DIVERSION
LOCATION NO 3
THOUSAND OAKS BLVD.

SHEET NUMBER
SHEET X OF X

CITY OF AGOURA HILLS ENG. NO. _____

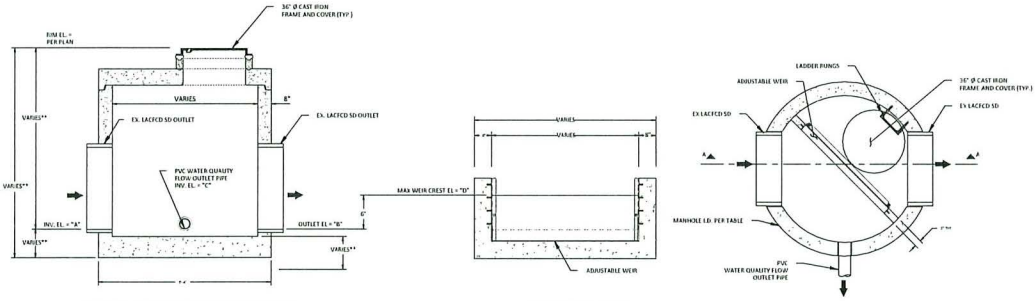
\\192.168.1.134\Public\Projects\Municipal\Agoura Hills\Projects\Diversion Structures\PS&E\Location\005 PSE\Permit 1 - Nielsen, Rainbow, And TO Blvd\TO BLVD Alone Sheet\Sheet-02_TO Blvd.dwg



DRY WEATHER DIVERSION PROFILE
NO SCALE

TABLE OF VALUES

PERMIT GROUP	DWD LOCATION	LA COUNTY STORM DRAIN SIZE AND MATERIAL	LOW FLOW DIVERSION MANHOLE SIZE	LOW FLOW WATER QUALITY PIPE DIA.	SANITARY SEWER DIA AND MATERIAL	ELEVATION A LA COUNTY STORM DRAIN INVERT	ELEVATION B LA COUNTY STORM DRAIN OUTLET	ELEVATION C LOW FLOW PIPE OUTLET FROM DIVERSION	ELEVATION D WEIR ELEVATION	ELEVATION E LOW FLOW INLET TO VALVE MANHOLE	ELEVATION F LOW FLOW OUTLET FROM VALVE MANHOLE	ELEVATION G LOW FLOW INLET TO SANITARY SEWER
PERMIT GROUP 1	LOCATION 1 - RAINBOW VIEW DR. AND LAKE LINDERO	48" RCP	72" DIA	6"	18" VCP							
	LOCATION 2 - HACKERS LN. AND LAKE LINDERO	54" RCP	84" DIA	6"	18" VCP							
	LOCATION 3 – THOUSAND OAKS BLVD	39" RCP	60" DIA	6"	18" VCP							
PERMIT GROUP 2	LOCATION 4 – KANAN AND THOUSAND OAKS BLVD.	7.5' W x 9' H RC BOX	14.5' X 9.5'	6"	18" VCP							
	LOCATION 5 – OAKPATH AND BUFFWOOD	87" RCP	144" DIA	6"	8" ABSCP							
	LOCATION 6 – MEDEA VALLEY DR. (CHUMASH PARK)	84" CIPP	144" DIA	6"	10" VCP							
PERMIT GROUP 3	LOCATION 7 – CANWOOD - EAST SIDE	30" RCP	48" DIA	4"	8" VCP							
	LOCATION 8 - CANWOOD - WEST SIDE	24" RCP	48" DIA	4"	8" VCP							
	LOCATION 9 – AGOURA RD. AND LIBERTY CANYON	42" RCP	60" DIA	6"	10" VCP							
	LOCATION 10 – COUNTRY GLEN AND LIBERTY CANYON	42" RCP	60" DIA	6"	18" VCP							



SECTION A-A - ADJUSTABLE WEIR NOT SHOWN FOR CLARITY

ADJUSTABLE WEIR - TYPICAL

PLAN VIEW

DRY WEATHER DIVERSION MANHOLE
NO SCALE

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP2022XXXX3
2.16.2022

50% PLANS (NOT FOR CONSTRUCTION)

NO WORK SHALL BE DONE ON THE SITE UNTIL BEGIN WORK IS NOTICED OF INTENTION TO DIGGING OR EXCAVATE.
811 Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4165 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER
63154 — LICENSE NO.
6/3/2022 — EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE — DIRECTOR OF PUBLIC WORKS
DATE
80486 — PCE NO.
03/31/23 — EXP. DATE

CITY OF AGOURA HILLS

DRY WEATHER STORM WATER DIVERSION PROJECT

DETAILS AND DIVERSION PROFILE

SHEET NUMBER
SHEET X OF X

CITY OF AGOURA HILLS DWG. NO.

\\192.168.1.134\Public\Projects\Municipal\Agoura Hills\Projects\Diversion Structures\PSAE\Location\005 PSE\Permit 1 – Hackers, Rainbow, And TO Blvd\Sheet-03.dwg

CITY OF AGOURA HILLS
DRY WEATHER DIVERSION PROJECT

SHEET INDEX		
SHEET NO.	DRAWING NO.	SHEET TITLE
1	T-1	TITLE SHEET
CIVIL		
2	C-1	GENERAL NOTES
3	C-2	LOW FLOW DIVERSION LOCATION NO 4
4	C-3	LOW FLOW DIVERSION LOCATION NO 5
5	C-4	LOW FLOW DIVERSION LOCATION NO 6
13	C-12	DETAILS
ELECTRICAL		
17	E-1	
18	E-2	
19	E-3	

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. EOP-2022-0002
2.17.2022

LOCATION MAP
SCALE: 1" = 600'

50% PLANS (NOT FOR CONSTRUCTION)

NO WORK SHALL BE DONE ON THIS SITE WHEN WORK AREA IS WITHIN 8' OF WITHIN 10 YARDS OF ENCAMPS.

811 Know what's below. Call before you dig. TWO WORKING DAYS BEFORE YOU DIG

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4165 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER
63154 — LICENSE NO.
6/3/2022 — EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE — DIRECTOR OF PUBLIC WORKS
DATE
80466 — RCE NO.
03/31/23 — EXP. DATE

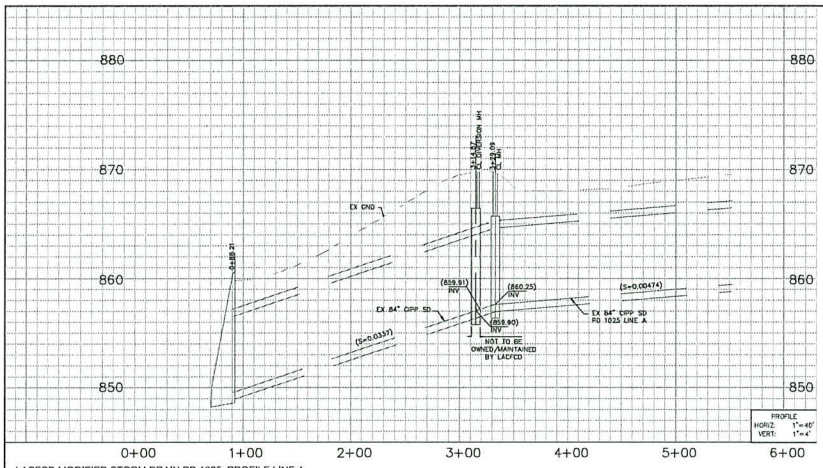
CITY OF AGOURA HILLS

DRY WEATHER STORM WATER DIVERSION PROJECT
COVER SHEET
PERMIT 2

SHEET NUMBER
T-1
SHEET 1 OF X

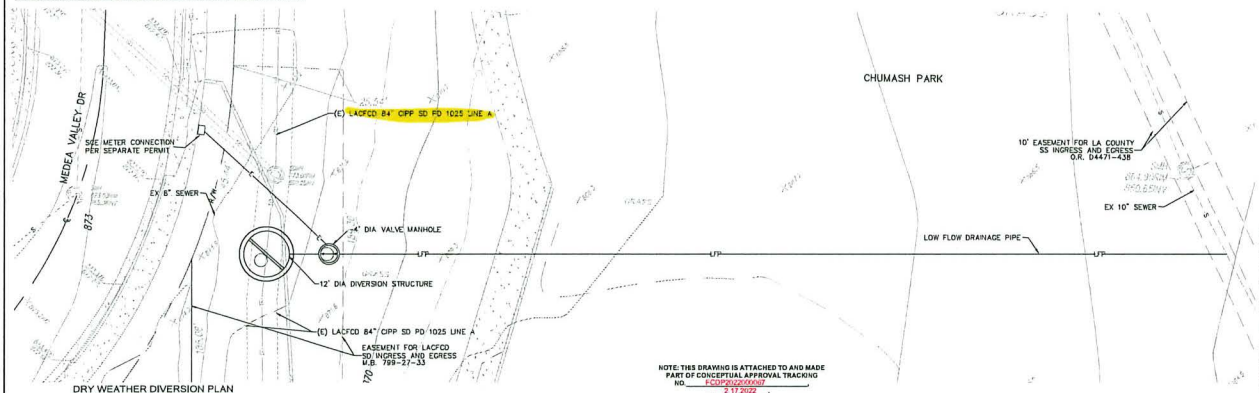
CITY OF AGOURA HILLS ENG. NO. _____

\\192.168.1.134\Public\Projects\Municipal\Agoura Hills\Projects\Diversion Structures\PS&E\Locations\DRY PSE\Permit 2 - Kanan, Oakpath, Chumash\T1 - Title Sheet With Project Locations.dwg



LACFCD MODIFIED STORM DRAIN PD 1025 PROFILE LINE A

LOCATION MAP
SCALE: 1" = 200'



DRY WEATHER DIVERSION PLAN

GRAPHIC SCALE
SCALE: 1"=10'

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP2022XXXXX
2.17.2022

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, EPOCH 2010.00.

BENCH MARK:

B.M. NO. DY 9183 NAVD 1988 LOS ANGELES COUNTY PUBLIC WORKS

L.A. LS TAG #2602 IN N CB 1" W/O BCR @ NW COR THOUSAND OAKS BLVD & LAKE LINDERO DR.

ELEVATION = 974.91 FEET (ADJUSTMENT 2020)

UTILITY MARKING NOTE:

UTILITIES SHOWN HEREON WHERE BASED UPON SURFACE MARKINGS AND UTILITY RESEARCH PROVIDED BY C BELOW SUBSURFACE IMAGING, DURING THE COURSE OF THIS SURVEY THE LOCATION OF SAID UTILITIES WHERE LOCATED BASED UPON AND FIELD SURVEY AND REMOTE SENSING.

50% PLANS (NOT FOR CONSTRUCTION)

NO WORK SHALL BE DONE ON THIS SITE UNTIL BEGIN, AGENCY & PERMITS IF INTENTION TO CHECK OR EXCAVATE

811 Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4165 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER
63154 — LICENSE NO.
6/3/2022 — EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE
DIRECTOR OF PUBLIC WORKS
DATE
80486 — RCE NO.
03/31/23 — EXP. DATE

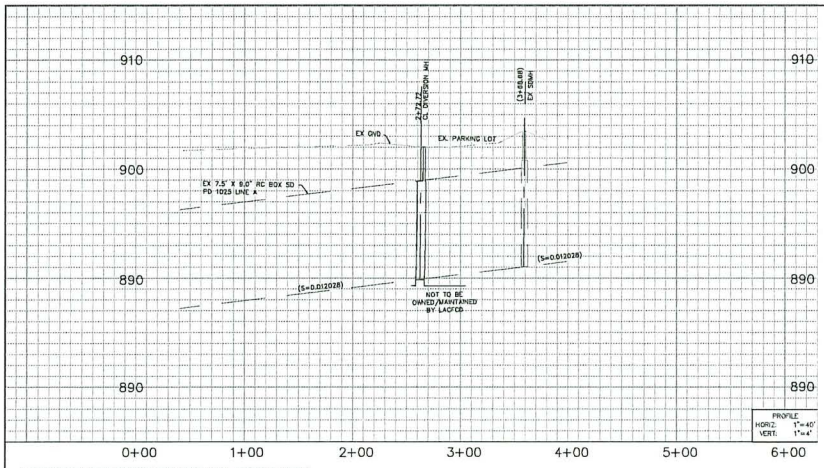
AGOURA HILLS

DRY WEATHER STORM WATER
DIVERSION PROJECT
LOW FLOW DIVERSION
LOCATION NO 4
MEDEA VALLEY DRIVE

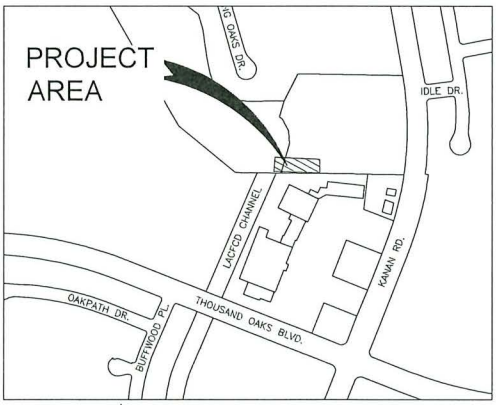
SHEET NUMBER
SHEET X OF X

CITY OF AGOURA HILLS DWG. NO.

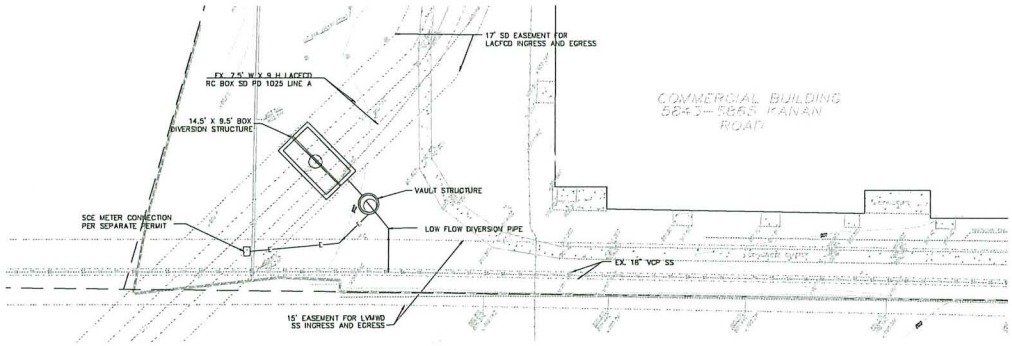
\\172.168.1.134\Public\Projects\Municipal\Agoura Hills\Projects\Diversion Structures\PS&E\Location\005 PSE\Permit 2 - Kanan, Galpath, Chumash\Medea CAD\CAD\DLV\Sheet-02_Chumash Park.dwg



LACFCD MODIFIED STORM DRAIN PD 1025 PROFILE LINE A



LOCATION MAP
SCALE: 1" = 200'



DRY WEATHER DIVERSION PLAN

10' 5' 0' 5' 10' 20'
GRAPHIC SCALE
SCALE: 1"=10'

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, EPOCH 2010.00.

BENCH MARK:

B.M. NO. DV 5006 NAVD 1988 LOS ANGELES COUNTY PUBLIC WORKS

PDBM TAG IN S CB 2' EJO BCR @ SE COR THOUSAND OAKS BLVD @ KANAN RD 47' S & 76' EJO CA INT

ELEVATION = 894.80 FEET (ADJUSTMENT 2030)

UTILITY MARKING NOTE:

UTILITIES SHOWN HEREON WHERE BASED UPON SURFACE MARKINGS AND UTILITY RESEARCH PROVIDED BY C BELOW SUBSURFACE IMAGING. DURING THE COURSE OF THIS SURVEY THE LOCATION OF SAID UTILITIES WHERE LOCATED BASED UPON AND FIELD SURVEY AND REMOTE SENSING.

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP2022XXXXX
2.17.2022

50% PLANS (NOT FOR CONSTRUCTION)

NO WORK SHALL BE DONE ON THIS SITE UNTIL BOTH A VALID & VERIFIED INTENTION TO DIGGS ON EXCAVATE

811 Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4155 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER
63154 — LICENSE NO.
6/3/2022 — EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE
DIRECTOR OF PUBLIC WORKS
DATE
80486 — PCE NO.
03/31/23 — EXP DATE

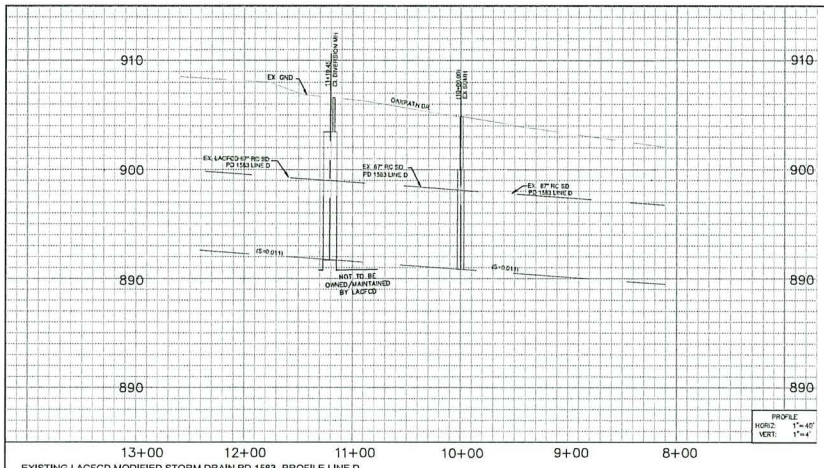
CITY OF AGOURA HILLS

DRY WEATHER STORM WATER
DIVERSION PROJECT
LOW FLOW DIVERSION
LOCATION NO 5
KANAN AND THOUSAND OAKS BLVD.

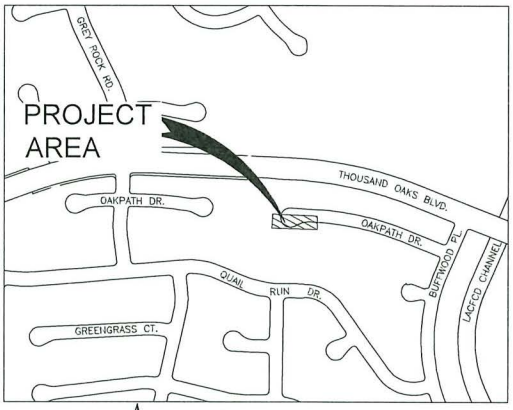
SHEET NUMBER:
SHEET X OF X

CITY OF AGOURA HILLS DWG. NO.

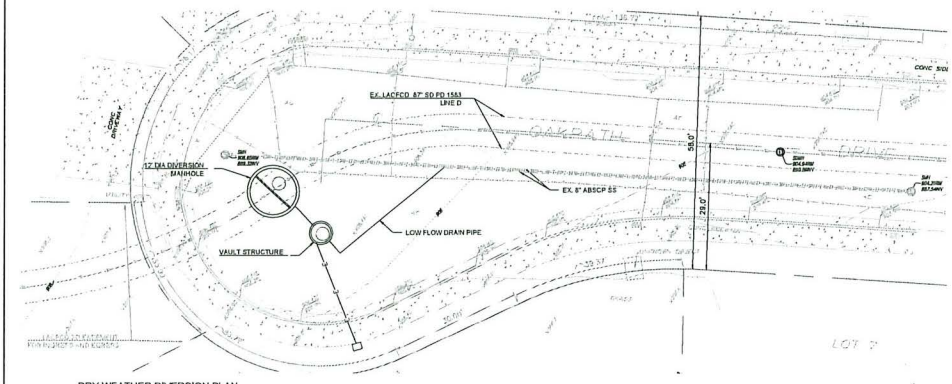
\\192.168.1.154\Public\Projects\Agoura Hills\Projects\Diversion Structures\PS&E\Locations\505 PSE\Permit 2 - Kanan, Dalgetti, Chamberlain\Kanan\Sheet-02_Kanan.dwg



EXISTING LACFCD MODIFIED STORM DRAIN PD 1583 PROFILE LINE D



LOCATION MAP
SCALE: 1" = 200'



DRY WEATHER DIVERSION PLAN

GRAPHIC SCALE
SCALE: 1"=10'

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, EPOCH 2010.00.

BENCH MARK:

B.M. NO. D/ 5006 NAVD 1988 LOS ANGELES COUNTY PUBLIC WORKS

RDBM TAG IN S CB 2' E,O BCR @ SE COR THOUSAND OAKS BLVD @ KANAN RD 43' S & 2' E,O CA. INT

ELEVATION = 894.80 FEET (ADJUSTMENT 2020)

UTILITY MARKING NOTE:

UTILITIES SHOWN HEREON WHERE BASED UPON SURFACE MARKINGS AND UTILITY RESEARCH PROVIDED BY C BELOW SUBSURFACE IMAGING. DURING THE COURSE OF THIS SURVEY THE LOCATION OF SAID UTILITIES WHERE LOCATED BASED UPON AND FEILD SURVEY AND REMOTE SENSING.

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. ~~FCUP2022-0007~~ 2-17-2022

50% PLANS (NOT FOR CONSTRUCTION)

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4165 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER — 63154 LICENSE NO. — 6/3/2022 EXP. DATE

CITY OF AGOURA HILLS APPROVAL

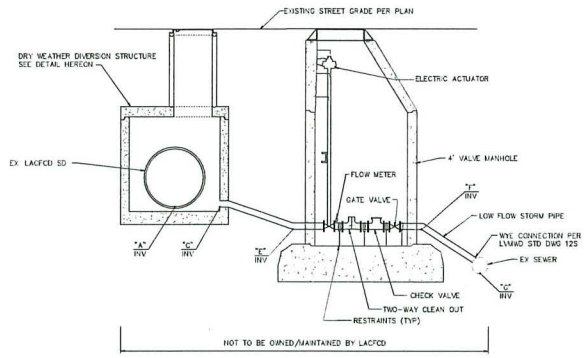
JESSICA FORTE, DIRECTOR OF PUBLIC WORKS — DATE — 80486 PCE NO. — 03/31/23 EXP DATE

DRY WEATHER STORM WATER DIVERSION PROJECT
LOW FLOW DIVERSION
LOCATION NO 6
OAKPATH DR. AND BUFFWOOD PL.

SHEET NUMBER:
SHEET X OF X

CITY OF AGOURA HILLS DWG. NO.

\\192.168.1.154\Public\Projects\Municipal\Agoura Hills\Projects\Diversion Structures\PS&E\Locations\DOR PSE\Permit 2 - Kanan, Oakpath, Channel\Oakpath\Sheet-02_Oakpath.dwg

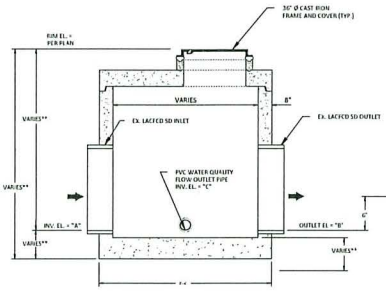


DRY WEATHER DIVERSION PROFILE

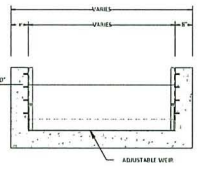
NO SCALE

TABLE OF VALUES

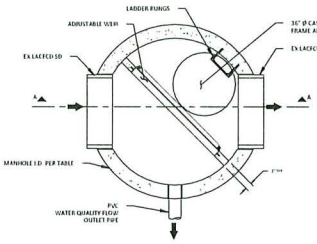
PERMIT GROUP	DWD LOCATION	LA COUNTY STORM DRAIN SIZE AND MATERIAL	LOW FLOW DIVERSION MANHOLE SIZE	LOW FLOW WATER QUALITY PIPE DIA.	SANITARY SEWER DIA AND MATERIAL	ELEVATION A LA COUNTY STORM DRAIN INVERT	ELEVATION B LA COUNTY STORM DRAIN OUTLET	ELEVATION C LOW FLOW PIPE OUTLET FROM DIVERSION	ELEVATION D WEIR ELEVATION	ELEVATION E LOW FLOW INLET TO VALVE MANHOLE	ELEVATION F LOW FLOW OUTLET FROM VALVE MANHOLE	ELEVATION G LOW FLOW INLET TO SANITARY SEWER
PERMIT GROUP 1	LOCATION 1 - RAINBOW VIEW DR. AND LAKE LINDERO	48" RCP	72" DIA	6"	18" VCP							
	LOCATION 2 - HACKERS LN. AND LAKE LINDERO	54" RCP	84" DIA	6"	18" VCP							
	LOCATION 3 – THOUSAND OAKS BLVD	39" RCP	60" DIA	6"	18" VCP							
PERMIT GROUP 2	LOCATION 4 – KANAN AND THOUSAND OAKS BLVD.	7.5' W x 9' H RC BOX	14.5' X 9.5'	6"	18" VCP							
	LOCATION 5 – OAKPATH AND BUFFWOOD	87" RCP	144" DIA	6"	8" ABSCP							
	LOCATION 6 – MEDEA VALLEY DR. (CHUMASH PARK)	84" CIPP	144" DIA	6"	10" VCP							
PERMIT GROUP 3	LOCATION 7 – CANWOOD - EAST SIDE	30" RCP	48" DIA	4"	8" VCP							
	LOCATION 8 - CANWOOD - WEST SIDE	24" RCP	48" DIA	4"	8" VCP							
	LOCATION 9 – AGOURA RD. AND LIBERTY CANYON	42" RCP	60" DIA	6"	10" VCP							
	LOCATION 10 – COUNTRY GLEN AND LIBERTY CANYON	42" RCP	60" DIA	6"	18" VCP							



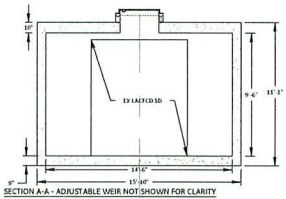
SECTION A-A - ADJUSTABLE WEIR NOT SHOWN FOR CLARITY



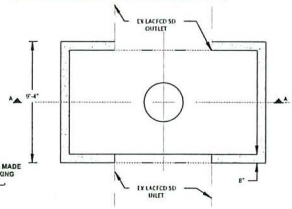
ADJUSTABLE WEIR - TYPICAL



PLAN VIEW



SECTION A-A - ADJUSTABLE WEIR NOT SHOWN FOR CLARITY



MODIFIED DIVERSION STRUCTURE FOR RC BOX SD

DRY WEATHER DIVERSION MANHOLE

NO SCALE

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP2022XXXX67 & 17.2022

50% PLANS (NOT FOR CONSTRUCTION)

NO WORK SHALL BE DONE ON THIS SITE UNTIL BEGIN WORK IS APPROVED AT INTENTION TO CHOOC OR EXCAVATE

811 Know what's below. Call before you dig.

TWO WORKING DAYS BEFORE YOU DIG

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC. 4165 E. THOUSAND OAKS STE. 355 WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER — 63154 LICENSE NO. — 6/3/2022 EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE, DIRECTOR OF PUBLIC WORKS — DATE — 80488 PCE NO. — 03/31/23 EXP. DATE

CITY OF AGOURA HILLS

DRY WEATHER STORM WATER DIVERSION PROJECT

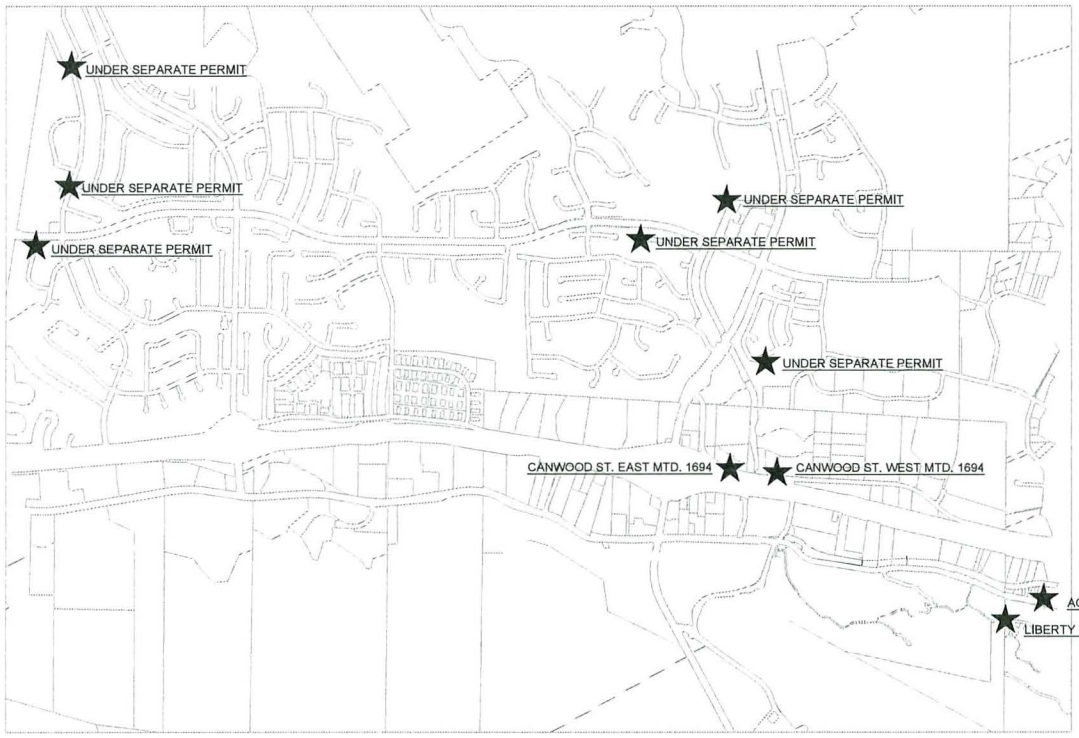
DETAILS AND DIVERSION PROFILE

SHEET NUMBER: SHEET X OF X

CITY OF AGOURA HILLS DWG. NO.

\\192.168.1.154\Public\Projects\Municipal\Agoura Hills\Projects\Diversion Structures\PS&E\Location4\005 PSE\Permit 2 - Kanan, Oakpath, Chumash\Sheet-03.dwg

CITY OF AGOURA HILLS
DRY WEATHER DIVERSION PROJECT



SHEET INDEX		
SHEET NO.	DRAWING NO.	SHEET TITLE
1	T-1	TITLE SHEET
CIVIL		
2	C-1	GENERAL NOTES
3	C-2	LOW FLOW DIVERSION LOCATION NO 7
4	C-3	LOW FLOW DIVERSION LOCATION NO 8
5	C-4	LOW FLOW DIVERSION LOCATION NO 9
6	C-5	LOW FLOW DIVERSION LOCATION NO 10
13	C-12	DETAILS
ELECTRICAL		
17	E-1	
18	E-2	
19	E-3	

LOCATION MAP
SCALE: 1" = 600'

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP2022XXXXX
7.21.2022

50% PLANS (NOT FOR CONSTRUCTION)

NO WORK SHALL BE DONE ON THIS SITE UNTIL BEING NOTIFIED BY PHONE OR WITHIN 48 HOURS OF ENCAMP.

811 Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG.

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4165 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER
63154 — LICENSE NO.
6/3/2022 — EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE
DIRECTOR OF PUBLIC WORKS
DATE
80488 — RCE NO
03/31/23 — EXP DATE

CITY OF AGOURA HILLS

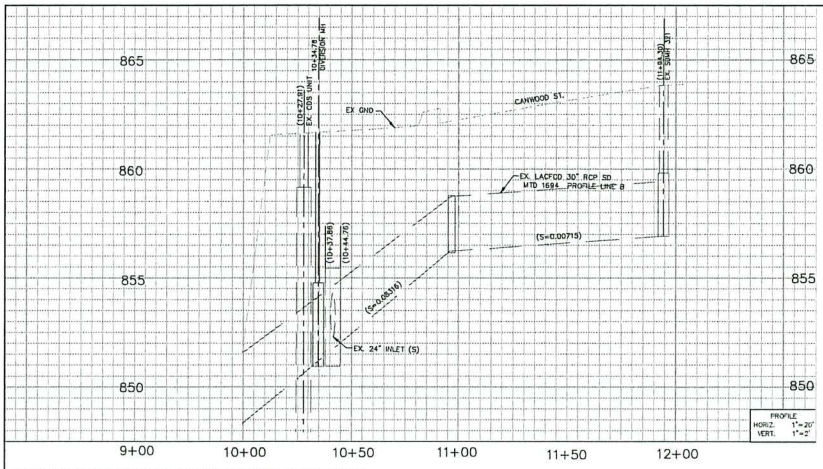
DRY WEATHER STORM WATER DIVERSION PROJECT

COVER SHEET

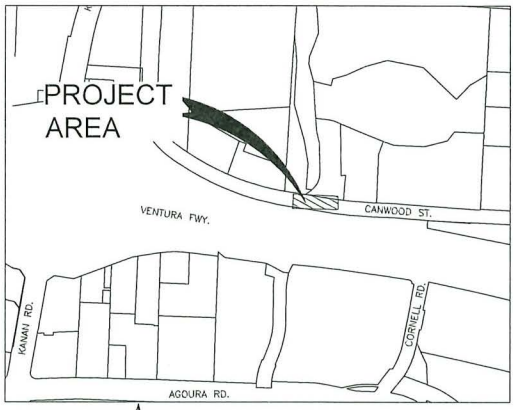
SHEET NUMBER:
T-1
SHEET 1 OF X

CITY OF AGOURA HILLS DWG. NO.

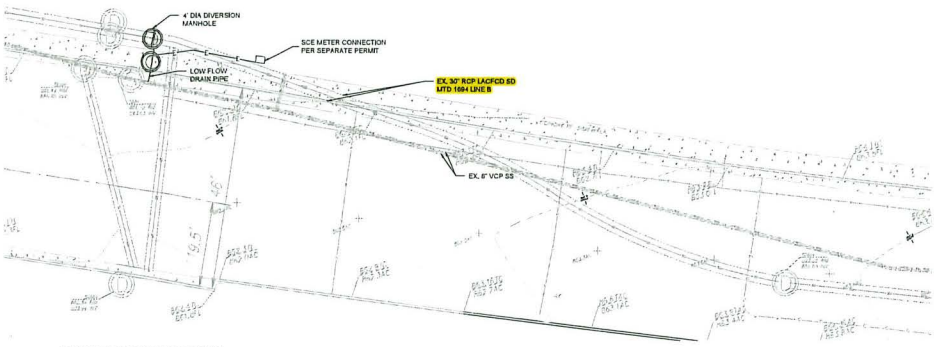
\\192.168.1.134\Public\Projects\Municipal\Agoura Hills\Projects\Diversion Structures\PS&E\Locations\LOS PSE\Permit 3 - Liberty Canyon And Canwood\T1 - Title Sheet With Project Locations.dwg



EXISTING LACFCD MODIFIED STORM DRAIN MTD 1694 PROFILE LINE B



LOCATION MAP
SCALE: 1" = 200'



DRY WEATHER DIVERSION PLAN

GRAPHIC SCALE
SCALE: 1"=10'

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP2022XXXXXX
12/12/2022

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, EPOCH 2010.00.

BENCH MARK:

B.M. NO. DY 12354 NAVD 1988 LOS ANGELES COUNTY PUBLIC WORKS

LADPW TAG IN E CB @ S C.B., 25' N/O BCR @ NE COR KANAN RD & CANWOOD ST FROM THE WEST(N/O 101 FRWY)

ELEVATION = 898.352 FEET (ADJUSTMENT 2020)

UTILITY MARKING NOTE:

UTILITIES SHOWN HEREON WHERE BASED UPON SURFACE MARKINGS AND UTILITY RESEARCH PROVIDED BY C.B.ELOW SUBSURFACE PHAZING, DURING THE COURSE OF THIS SURVEY THE LOCATION OF SAID UTILITIES WHERE LOCATED BASED UPON AND FIELD SURVEY AND REMOTE SENSING.

50% PLANS (NOT FOR CONSTRUCTION)

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4155 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER — 63154 LICENSE NO. — 6/3/2022 EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE, DIRECTOR OF PUBLIC WORKS — DATE

80486 PCE NO. — 03/31/23 EXP. DATE

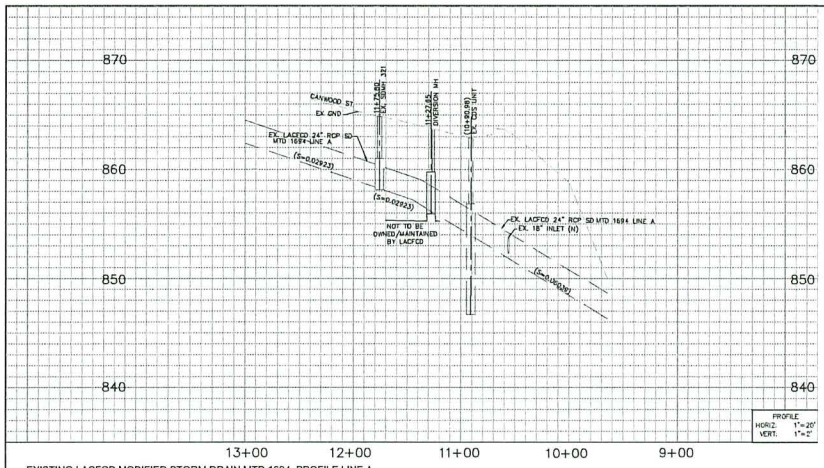
AGOURA HILLS

DRY WEATHER STORM WATER DIVERSION PROJECT
LOW FLOW DIVERSION
LOCATION NO 8
CANWOOD ST. EAST

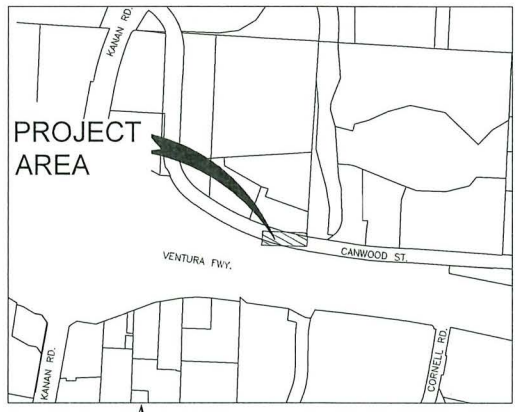
SHEET NUMBER
SHEET OF X

CITY OF AGOURA HILLS ENG. NO. _____

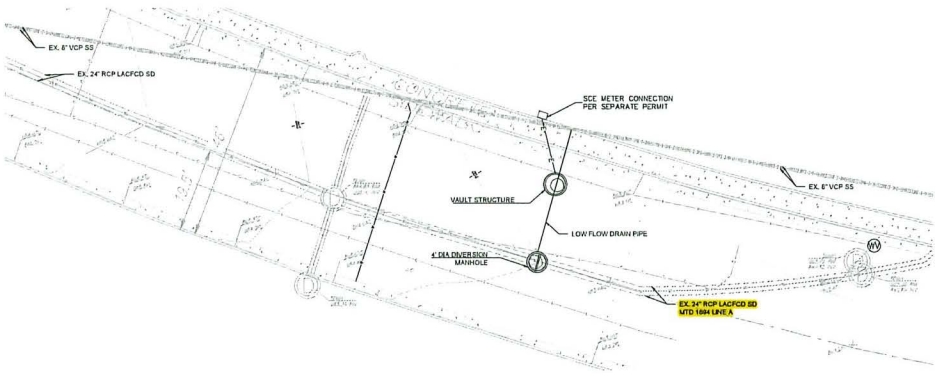
\\192.168.1.134\Public\Projects\Agoura Hills\Projects\Diversion Structures\PSAE\Location\SDS PSE\Permit 3 - Liberty Canyon And Canwood\Canwood\Location 8 - Canwood West Side\Sheet-02_Canwood.dwg



EXISTING LACFCD MODIFIED STORM DRAIN MTD 1694 PROFILE LINE A



LOCATION MAP
SCALE: 1" = 200'



DRY WEATHER DIVERSION PLAN

GRAPHIC SCALE
SCALE: 1"=10'

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, EPOCH 2010.00.

BENCH MARK:

B.M. NO. DY 12336 NAVD 1988 LOS ANGELES COUNTY PUBLIC WORKS

LADPW TAG IN E CB @ 5 C.S., 25' N/O BCR @ NE COR, KANAN RD & CANWOOD ST FROM THE WEST(N/O 101 FRWY)

ELEVATION = 898.353 FEET (ADJUSTMENT 2020)

UTILITY MARKING NOTE:

UTILITIES SHOWN HEREON WHERE BASED UPON SURFACE MARKINGS AND UTILITY RESEARCH PROVIDED BY C BELOW SUBSURFACE IMAGING, DURING THE COURSE OF THIS SURVEY THE LOCATION OF SAID UTILITIES WHERE LOCATED BASED UPON AND FIELD SURVEY AND REMOTE SENSING.

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP2022-0045 2.23.2022

50% PLANS (NOT FOR CONSTRUCTION)

811 Know what's below. Call before you dig.

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4165 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER; 63154 — LICENSE NO.; 6/3/2022 — EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE, DIRECTOR OF PUBLIC WORKS — DATE; 80486 — RCE NO.; 03/31/23 — EXP DATE

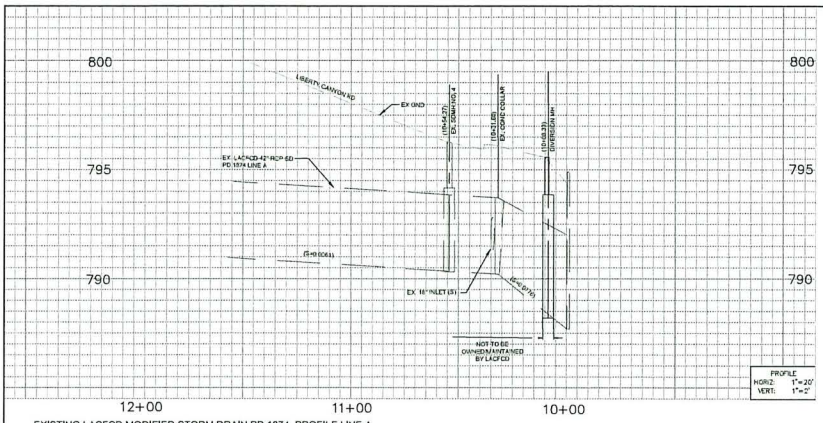
AGOURA HILLS

DRY WEATHER STORM WATER DIVERSION PROJECT
LOW FLOW DIVERSION
LOCATION NO 7
CANWOOD ST. WEST

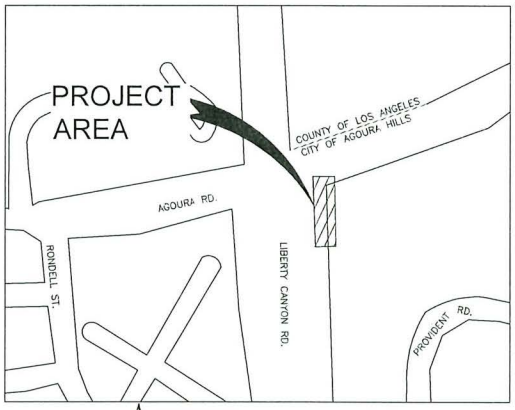
SHEET NUMBER
SHEET X OF X

CITY OF AGOURA HILLS DWG. NO. _____

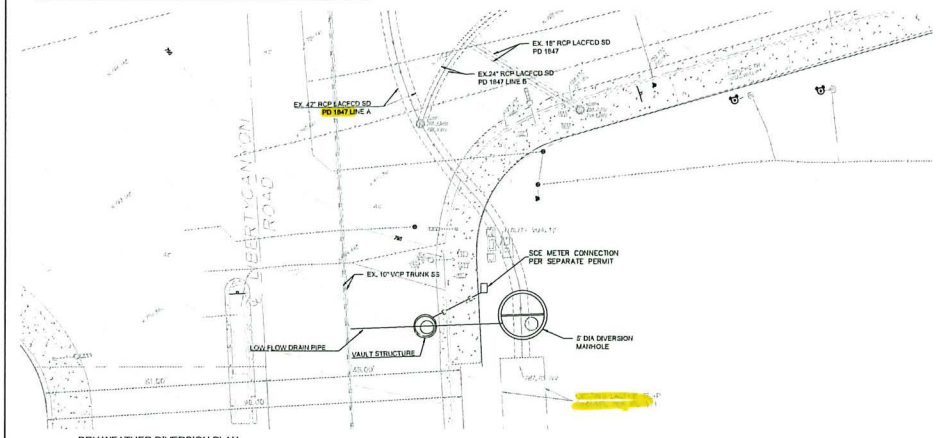
\\192.168.1.134\Public\Projects\Municipal\Agoura Hills\Projects\Diversion Structures\PS&E\Locations\SOE PSE\Permit 3 - Liberty Canyons And Canwood\Canwood\Location 6 - Canwood West Side\Sheet-02_Canwood.dwg



EXISTING LACFCD MODIFIED STORM DRAIN PD 1874 PROFILE LINE A



LOCATION MAP
SCALE: 1" = 200'



DRY WEATHER DIVERSION PLAN

10' 5' 0' 5' 10' 20'
GRAPHIC SCALE
SCALE: 1"=10'

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, EPOCH 2010.00.

BENCH MARK:

B.M. NO. DY 10412 NAVD 1988 LOS ANGELES COUNTY PUBLIC WORKS

DPW BM TAG IN S CB 2.7' W/O BCR @ SW COR. AGOURA RD & LIBERTY CYN RD

ELEVATION = 790.863 FEET (ADJUSTMENT 2020)

UTILITY MARKING NOTE:

UTILITIES SHOWN HEREON WHERE BASED UPON SURFACE MARKINGS AND UTILITY RESEARCH PROVIDED BY C. BELOW SUBSURFACE IMAGING, DURING THE COURSE OF THIS SURVEY THE LOCATION OF SAID UTILITIES WHERE LOCATED BASED UPON AND FIELD SURVEY AND REMOTE SENSING.

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP2022XXXX65
2.23.2022

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

m6 CONSULTING, INC.
4165 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

CITY OF AGOURA HILLS APPROVAL

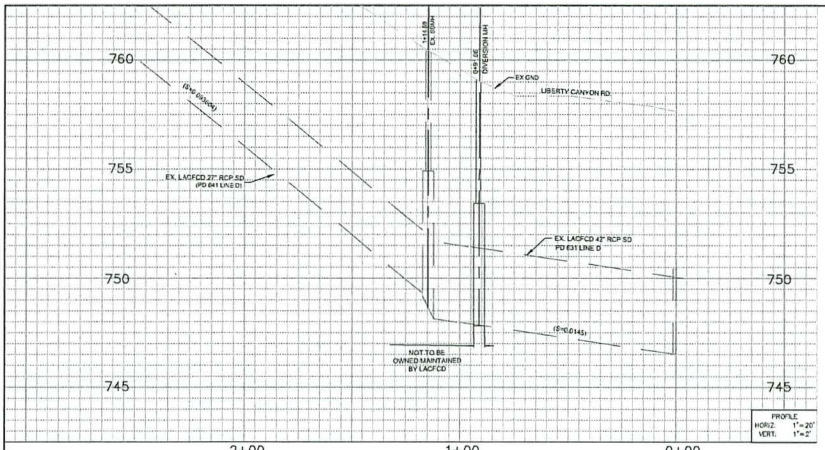
JESSICA FORTE
DIRECTOR OF PUBLIC WORKS
DATE
80486
RCE NO.
03/31/23
EXP. DATE

CITY OF AGOURA HILLS

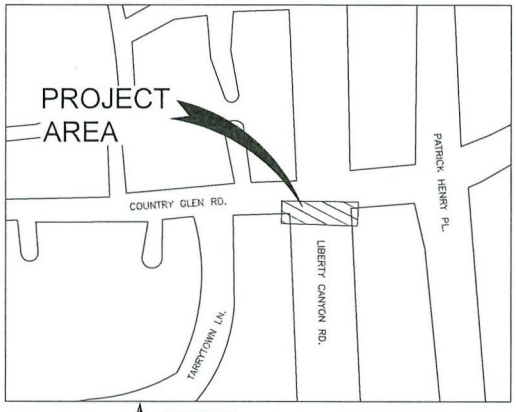
LOW FLOW DIVERSION
LOCATION NO 9
AGOURA RD. AND LIBERTY CANYON

SHEET OF

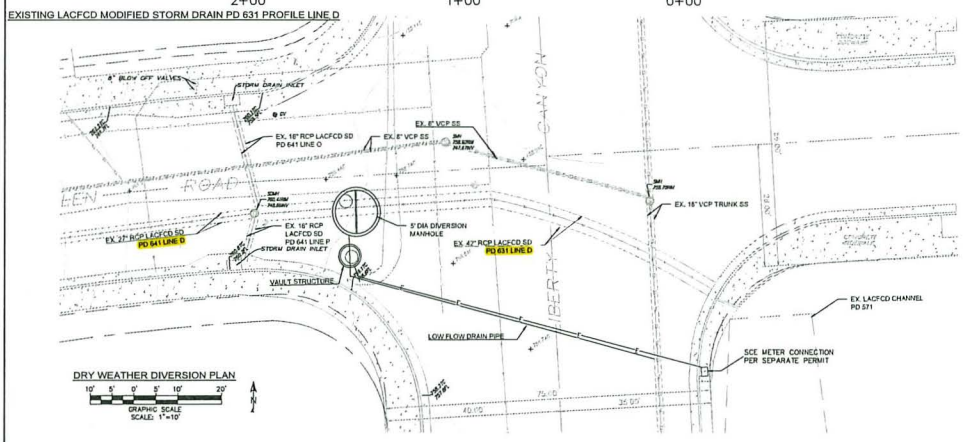
CITY OF AGOURA HILLS ENG. NO.



EXISTING LACFCD MODIFIED STORM DRAIN PD 631 PROFILE LINE D



LOCATION MAP
SCALE: 1" = 200'



DRY WEATHER DIVERSION PLAN

10' 5' 0' 5' 10' 20'
GRAPHIC SCALE
SCALE: 1"=10'

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. FCDP2/22XXXXXX
2/23/2022

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, EPOCH 2010.00.

BENCH MARK:

B.M. NO. DY 19422 NAVD 1988 LOS ANGELES COUNTY PUBLIC WORKS

DPW BM TAG IN S CB 2.7' W/O BCR @ SW COR AGOURA RD & LIBERTY CYN RD

ELEVATION = 790.865 FEET (ADJUSTMENT 2020)

UTILITY MARKING NOTE:

UTILITIES SHOWN HEREON WHERE BASED UPON SURFACE MARKINGS AND UTILITY RESEARCH PROVIDED BY C BELOW SUBSURFACE IMAGING, DURING THE COARSE OF THIS SURVEY THE LOCATION OF SAID UTILITIES WHERE LOCATED BASED UPON AND FIELD SURVEY AND REMOTE SENSING.

50% PLANS (NOT FOR CONSTRUCTION)

811 Underground Collaborative

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PLANS PREPARED BY: m6 CONSULTING, INC.
4162 E. THOUSAND OAKS STE. 355
WESTLAKE VILLAGE, CA 91362

ROBERT WOODWARD — CIVIL ENGINEER; 63154 — LICENSE NO.; 6/3/2022 — EXP. DATE

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE, DIRECTOR OF PUBLIC WORKS — DATE; 80486 — PCE NO.; 03/31/23 — EXP. DATE

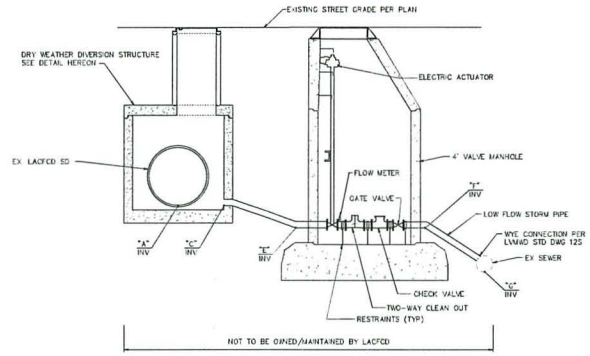
CITY OF AGOURA HILLS

DRY WEATHER STORM WATER
DIVERSION PROJECT
LOW FLOW DIVERSION
LOCATION NO 10
COUNTRY GLEN RD. AND LIBERTY CANYON RD.

SHEET NUMBER: SHEET X OF X

CITY OF AGOURA HILLS ENG. NO. _____

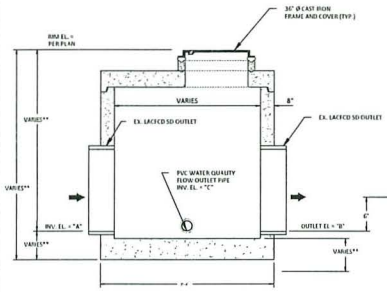
\\192.168.1.154\Public\Projects\Agoura Hills\Projects\Diversion Structures\PS&E\Locations\DEC PSE\Permit 3 - Liberty Canyons And Canwood\Location 10 - Agoura Rd And Liberty Canyon\Sheet-02_Liberty Canyon.dwg



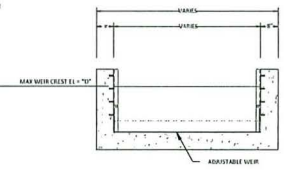
DRY WEATHER DIVERSION PROFILE
NO SCALE

TABLE OF VALUES

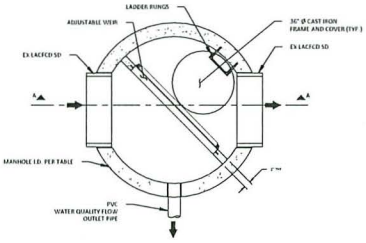
PERMIT GROUP	DWD LOCATION	LA COUNTY STORM DRAIN SIZE AND MATERIAL	LOW FLOW DIVERSION MANHOLE SIZE	LOW FLOW WATER QUALITY PIPE DIA.	SANITARY SEWER DIA AND MATERIAL	ELEVATION A LA COUNTY STORM DRAIN INVERT	ELEVATION B LA COUNTY STORM DRAIN OUTLET	ELEVATION C LOW FLOW PIPE OUTLET FROM DIVERSION	ELEVATION D WEIR ELEVATION	ELEVATION E LOW FLOW INLET TO VALVE MANHOLE	ELEVATION F LOW FLOW OUTLET FROM VALVE MANHOLE	ELEVATION G LOW FLOW INLET TO SANITARY SEWER
PERMIT GROUP 1	LOCATION 1 - RAINBOW VIEW DR. AND LAKE LINDERO	48" RCP	72" DIA	6"	18" VCP							
	LOCATION 2 - HACKERS LN. AND LAKE LINDERO	54" RCP	84" DIA	6"	18" VCP							
	LOCATION 3 – THOUSAND OAKS BLVD	39" RCP	60" DIA	6"	18" VCP							
PERMIT GROUP 2	LOCATION 4 – KANAN AND THOUSAND OAKS BLVD.	7.5' W x 9' H RC BOX	14.5' X 9.5'	6"	18" VCP							
	LOCATION 5 – OAKPATH AND BUFFWOOD	87" RCP	144" DIA	6"	8" ABSCP							
	LOCATION 6 – MEDEA VALLEY DR. (CHUMASH PARK)	84" CIPP	144" DIA	6"	10" VCP							
PERMIT GROUP 3	LOCATION 7 - CANWOOD - EAST SIDE	30" RCP	48" DIA	4"	8" VCP							
	LOCATION 8 - CANWOOD - WEST SIDE	24" RCP	48" DIA	4"	8" VCP							
	LOCATION 9 – AGOURA RD. AND LIBERTY CANYON	42" RCP	60" DIA	6"	10" VCP							
	LOCATION 10 – COUNTRY GLEN AND LIBERTY CANYON	42" RCP	60" DIA	6"	18" VCP							



SECTION A-A - ADJUSTABLE WEIR NOT SHOWN FOR CLARITY



ADJUSTABLE WEIR - TYPICAL



PLAN VIEW

DRY WEATHER DIVERSION MANHOLE
NO SCALE

NOTE: THIS DRAWING IS ATTACHED TO AND MADE PART OF CONCEPTUAL APPROVAL TRACKING NO. ECDP2022-0005 2.23.2022

REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

m6 CONSULTING, INC.
4165 E. THOUSAND OAKS STE. 335
WESTLAKE VILLAGE, CA 91362

CITY OF AGOURA HILLS APPROVAL

JESSICA FORTE, DIRECTOR OF PUBLIC WORKS — DATE — 80486 RCE NO. — 03/31/23 EXP. DATE

CITY OF AGOURA HILLS

DETAILS AND DIVERSION PROFILE

SHEET OF

CITY OF AGOURA HILLS ENG. NO.