November 21, 2018

NOTICE TO PROSPECTIVE BIDDERS
ADDENDUM NO. 1

PROJECT ID NO. SWQ0000003

LADERA PARK STORMWATER IMPROVEMENTS PROJECT

The following revisions are hereby made a part of the Contract Documents and supersede or amend the corresponding information included in the original Contract Documents:

PLANS

Replace Sheets 3, 10, and 15 with the attached hereto and labeled Addendum No. 1.

PRE-BID QUESTIONS:

See attached pre-bid questions and answers.

MARK PESTRELLA
Director of Public Works
County of Los Angeles

By _____
Assistant Deputy Director

CSM:

Ladera Park Stormwater Improvements Project
SWQ0000003

Pre-bid Questions and Answers

United Controls

Monday, November 12, 2018 11:00 a.m.

Q1. *1. I believe there are two (2) control systems: One for the gray water system and one that acts as an master controller. It looks as if the master control system is to monitor pH, turbidity, etc:*

reference below:

M-8.1.1.7 System Monitoring and Control
The master control system shall be included to monitor and data log system operational parameters. The control system shall control tank levels and equipment operation per custom software and shall provide alarms to the Building Automation System.
The system monitoring shall included hydrocarbon monitoring, turbidity monitoring, and pH level monitoring. The hydrocarbon monitoring shall report any floating hydrocarbons that may enter the system. If the levels are too high, the sensor will set off an alarm that will be sent to the control panel. The system shall immediately bypass the upstream stormwater flow to the stormwater system. Until the extent of the contamination is determined, the control system shall revert to municipal water for any irrigation demand.,

The diagram on E-7 only shows (7) pressure transducers to be monitored. What exactly does the master control system monitor and/or control besides the list shown in the interconnection diagram on E-7 and is there a BOM for that list?

A clear distinction between the devices being monitored and controlled by each of these control systems would be immensely helpful.

2. Where is this master controller located?

A1. The Grey Water Treatment Skid Main Control Panel located inside the treatment skid enclosure and the Electrical Equipment Cabinet (Program Logic Controller) are located East of the treatment skid enclosure as shown on sheet M-1. There is no bill of materials for the Grey Water Treatment Skid Main Control Panel. The bill of materials for the Electrical Equipment Cabinet is shown on sheet E-7. Plan sheets M-1 and E-6 detail which devices are monitored and controlled by each control system.

Reyes Construction, Inc.

Monday, November 19, 2018 3:59 p.m.

Q2. *The bid date for this project is November 27, 2018 at 11:00am. With the bid date being two days after the Thanksgiving weekend, we are requesting a one-week extension for the bid date.*

A2. The date and time for Bid submission will remain as specified in the Notice Inviting Bids.

Q3. *The contract duration for this project is 100 working days. We were advised by the slide gate manufacturer that submittals will be provided 6-8 weeks after receipt of order and procurement after approved submittals is approximately 14-16 weeks. In addition, several other mechanical and electrical equipment have long lead-time after approved submittals. Would you please consider extending the project duration based on anticipated long lead items?*

A3. Refer to 6-1.2 and 6-7.1 of Section G for the durations and requirements of the Part 1 and 2 Notices to Proceed.

Q4. *Is the Splitter Structure shown on Sheet 15 a precast or a cast-in-place structure? Also, Is it paid under Bid Item No. 12.9- Structure Concrete (Diversion Structure, Splitter Structure & 72" MH Footings and Top Cover) and Bid Item No. 12.10- Bar Reinforcing Steel (Diversion Structure, Splitter Structure & 72" MH Footings and Top Cover)? If it is a precast structure, there should be a separate bid item for the Splitter Structure.*

A4. The Splitter Structure may be pre-cast or cast-in-place. Refer to the revised Sheets 10 and 15 at the end of this Addendum No. 1. There is no separate pay item for the splitter structure, payment is included in the Lump Sum Item No. 12 in the Bid.

Q5. *The RC Item quantity (68 CY) shown in the Concrete Removal Quantities on Sheet 3 does not match Bid Item No. 12.4- Concrete Removal (Reinforced): 42 CY. Please clarify the discrepancy in the quantities.*

A5. Refer to the quantity tables on the revised Sheet 3 at the end of this Addendum 1.

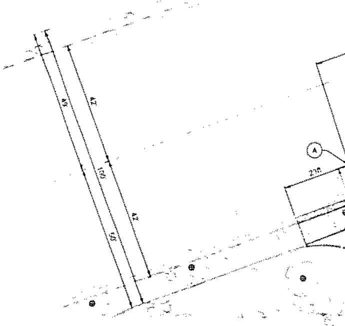
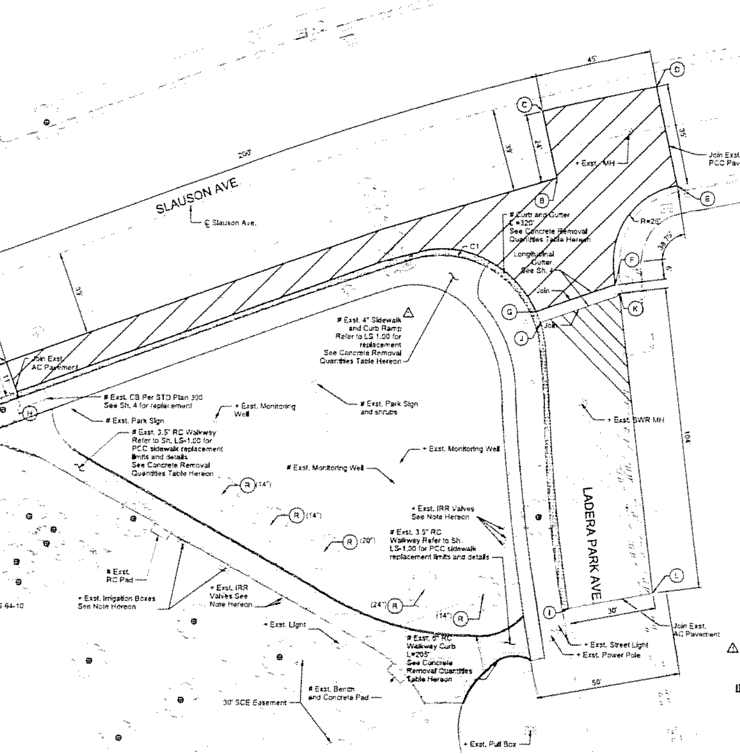
Q6. *The Non-RC Item quantity (21 CY) shown in the Concrete Removal Quantities on Sheet 3 does not match Bid Item No. 12.3- Concrete Removal (Non-Reinforced): 50 CY. Please clarify the discrepancy in the quantities.*

A6. Refer to A5.

O:\Projects\Watershed Management\SWQ0000003 - Ladera Park Stormwater Capture Project (formerly DES0002980)\Contract Documents\Addenda\Addendum No. 01.doc.docx

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C1	104°47'47"	35'	64.02'	45.45'

CURVE DATA

SLAUSON AVE
℄ Slauson Ave.
LADERA PARK AVE
Join Exst. PCC Pavement
Join Exst. AC Pavement
+ Exst. MH
# Curb and Gutter L=32.0' See Concrete Removal Quantities Table Hereon
Longitudinal Gutter See Sh. 4
Exst. 4" Sidewalk and Curb Ramp Refer to LS 1.00 for replacement See Concrete Removal Quantities Table Hereon
Exst. CB Per STD Plan 300 See Sh. 4 for replacement
Exst. Park Sign
+ Exst. Monitoring Well
# Exst. Park Sign and shrubs
+ Exst. SWR MH
# Exst. 3.5" RC Walkway Refer to Sh. LS-1.00 for PCC sidewalk replacement limits and details See Concrete Removal Quantities Table Hereon
# Exst. Monitoring Well
+ Exst. Monitoring Well
+ Exst. IRR Valves See Note Hereon
# Exst. 3.5" RC Walkway Refer to Sh. LS-1.00 for PCC sidewalk replacement limits and details
# Exst. RC Pad
+ Exst. Irrigation Boxes See Note Hereon
+ Exst. IRR Valves See Note Hereon
+ Exst. Light
# Exst. 6" RC Walkway Curb L=20' See Concrete Removal Quantities Table Hereon
+ Exst. Street Light
+ Exst. Power Pole
Join Exst. AC Pavement
30' SCE Easement
Exst. Bench and Concrete Pad
+ Exst. Pull Box

Point Number	NORTHING	EASTING
A	1818273.05	6452458.35
B	1818336.37	6452648.29
C	1818359.80	6452642.85
D	1818367.58	6452682.22
E	1818334.49	6452689.63
F	1818300.45	6452668.64
G	1818291.08	6452641.60
H	1818262.83	6452462.28
I	1818189.42	6452654.41
J	1818287.37	6452643.12
K	1818297.43	6452670.28
L	1818194.84	6452683.44

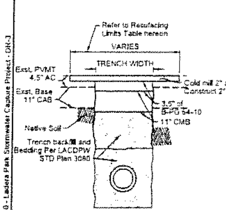
RESURFACING LIMITS TABLE

CONCRETE REMOVAL QUANTITIES	
RC ITEM	QUANTITY (CY)
3.5" RC Walkway	24
6" RC Walkway Curb	9
Catch Basin	3
RC Park Sign	6
NON RC ITEM	
Curb and Gutter	23
4" Sidewalk and Curb Ramp	27

△ CONCRETE REMOVAL QUANTITIES

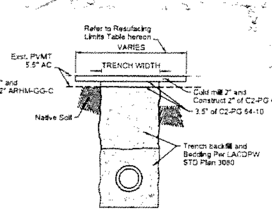
IRRIGATION NOTES:

1. Existing irrigation valves and pull boxes relocated and/or adjusted per LS plan.
2. Existing irrigation lines within project limits to be removed. Refer to LS 2.00 for proposed irrigation plan.



TYPICAL PIPE TRENCH DETAIL FOR SLAUSON AVE

NOT TO SCALE



TYPICAL PIPE TRENCH DETAIL FOR LADERA PARK AVE

NOT TO SCALE

NORTH

SCALE: 1" = 15'

LEGEND	DESCRIPTION OF WORK
#	Remove existing
+	Protect in place existing utilities and structures
⊕	Protect in place existing trees

RESURFACING NOTES:

1. Thickness of pavements shown in the resufacing schedule apply only within the limits of the hatched areas above. The contractor is responsible for damage to pavement outside of the limits these limits.

RESURFACING SCHEDULE	
SYMBOL	RESURFACING PAVEMENT
(hatch ////)	Cold Mill 2" and Construct 2" of ARHM-GG-C
(hatch \\\\)	Cold Mill 2" and Construct 2" of C2-PG 64-10

DRAWING NUMBER:

(MARK AS-BUILT HERE)

DATE	MK	DESCRIPTION
11/21/18	△	Changes to RC and Non-RC quantities

REVISIONS

08/07/18 PROJECT ENGINEER DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

LADERA PARK

STORMWATER IMPROVEMENTS
SITE DEMOLITION PLAN AND
RESURFACING SCHEDULE

PROJECT ID NO. SWQ0000003

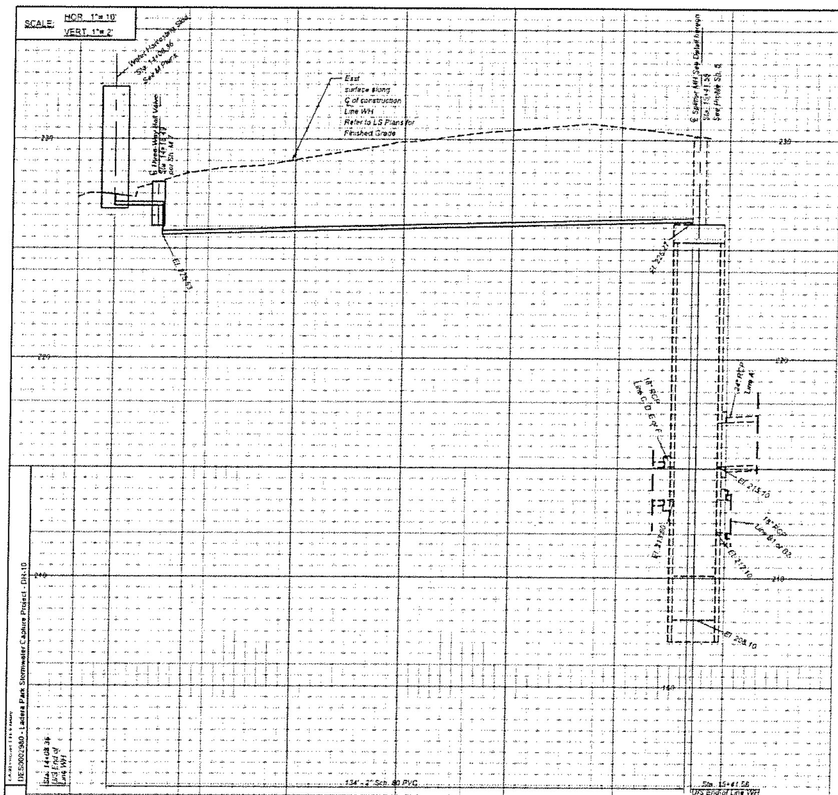
DR-3

PCA P9702 / AC DWG 18'-27'-D4 SHEET 3 OF 43

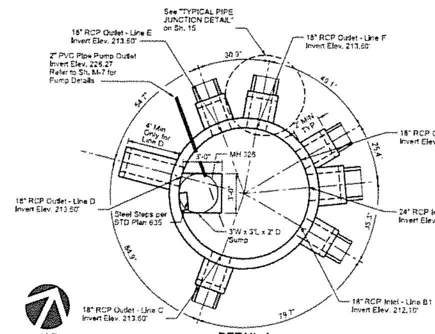
DES0002960 - Ladera Park Stormwater Capture Project - DR-3

C. CALUAG H. LIN

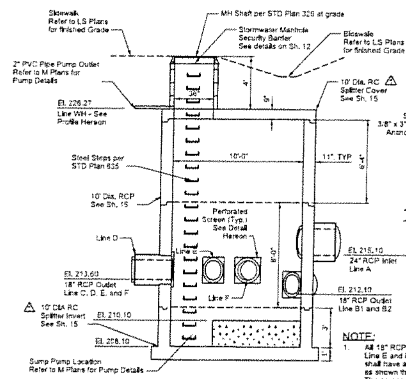
ADDENDUM NO. 1



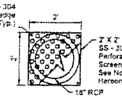
Profile Line WH (Sh. 4)


See "TYPICAL PIPE JUNCTION DETAIL" on Sh. 15
18" RCP Outlet - Line E Invert Elev. 213.60'
18" RCP Outlet - Line F Invert Elev. 213.60'
2" PVC Pipe Pump Outlet Invert Elev. 226.27 Refer to Sh. M-7 for Pump Details
18" RCP Outlet - Line B2 Invert Elev. 212.10'
24" RCP Inlet - Line A Invert Elev. 215.10'
18" RCP Outlet - Line D Invert Elev. 213.60'
Steel Steps per STD Plan 635
18" RCP Inlet - Line B1 Invert Elev. 212.10'
18" RCP Outlet - Line C Invert Elev. 213.60'
NORTH

DETAIL A
PLAN - 120" DIA. SPLITTER STRUCTURE (Sh. 4)
NOT TO SCALE


MH Shaft per STD Plan 320 at grade
Stormwater Manhole Security Barrier See details on Sh. 12
2" PVC Pipe Pump Outlet Refer to M Plans for Pump Details
EL 226.27
Line WH - See Profile Hereon
Steel Steps per STD Plan 635
10' Dia. RCP See Sh. 15
Perforated Screen (Typ.) See Detail Hereon
Line D
EL 213.60
18" RCP Outlet Line C, D, E, and F
10' DIA RC Splitter Invert See Sh. 15
EL 210.10
EL 208.10
Sump Pump Location Refer to M Plans for Pump Details
EL 215.10
24" RCP Inlet Line A
EL 212.10
18" RCP Outlet Line B1 and B2

SECTION - SPLITTER STRUCTURE
NOT TO SCALE



TYPICAL PERFORATED SCREEN DETAIL
NOT TO SCALE

NOTE:

1. All 18" RCP outlets (Line B1, B2, Line C, Line D, Line E and Line F) within the Splitter Structure shall have a perforated stainless steel screen as shown the the perforated screen detail. The screen shall have a minimum thickness of 14 gauge (0.0781 inches) and the geometrical opening shall have a diameter of 5 mm (0.197 inches). The screen material shall have at least 45% open area and the edges shall be flush with wall with no prongs or jagged edges.

IRRIGATION NOTE:

1. All water conveyance pipelines, and water valves shall be labeled with continous pipeline indentification tape and approved identification tags respectively. See Alternate Water Source Notes on LS-2.02 for information on the labeling, inspection, testing, and approval on the irrigation system and water conveyance piping.

DATE	MK	DESCRIPTION
11/21/18	△	Change from precast to RC

REVISIONS

DRAWING NUMBER:

(MARK AS-BUILT HERE)

C. CALUAG — H. LUI — DES0002980 - Ladera Park Stormwater Capture Project - DR-10

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

LADERA PARK

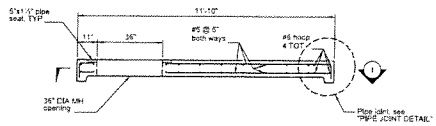
STORMWATER IMPROVEMENTS

PROFILE LINE WH & SPLITTER DETAILS

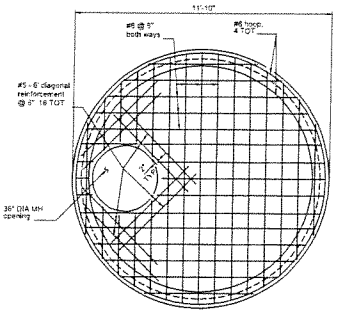
PROJECT ID NO. SWQ0000003 — DR-10

PROJECT ENGINEER 08/07/18 DATE — SHEET 18 OF 41

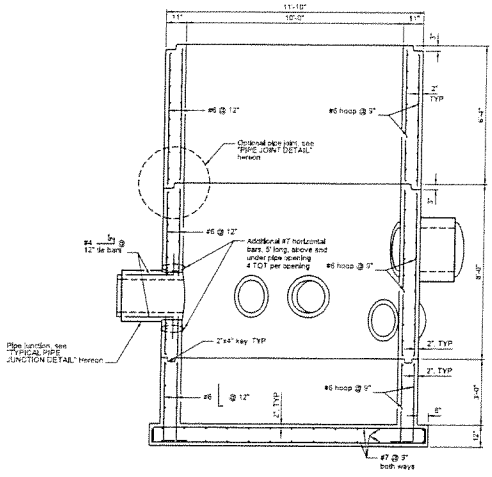
ADDENDUM NO. 1



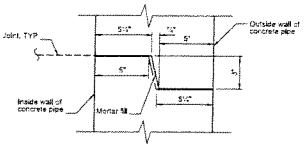
10' DIA SPLITTER COVER
NOT TO SCALE



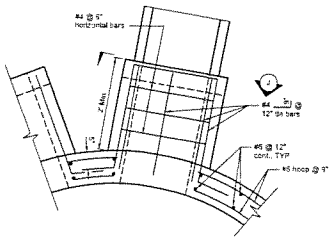
SECTION I-I
NOT TO SCALE



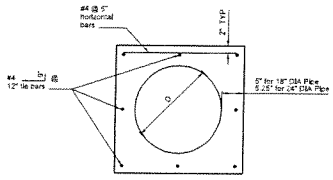
⚠ 120' DIA RC SPLITTER STRUCTURE
NOT TO SCALE



PIPE JOINT DETAIL
NOT TO SCALE



TYPICAL PIPE JUNCTION DETAIL
NOT TO SCALE



SECTION J-J
NOT TO SCALE

DRAWING NUMBER:	11/21/18	⚠	Change from cast-in-place to RC
MARK AS-BUILT HERE:			
	DATE	BY	DESCRIPTION
	REVISIONS		

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

LADERA PARK
STORMWATER IMPROVEMENTS
SPLITTER STRUCTURE DETAILS

PROJECT ID NO. SWQ0000003 DR-15

DATE 08/07/18 | PCA | PREPARED | DWG 193-2710-04 | SHEET 16 OF 41

IE-5000290 - Ladera Park Stormwater Capture Project - DR-15

ADDENDUM NO. 1