



101 Lucas Valley Road, Suite 300
San Rafael, CA 94903
Tel.: 415-472-1734
Fax: 415-499-7715
www.LGVSD.org

MANAGEMENT TEAM
General Manager, Curtis Paxton
Plant Operations, Mel Liebmann
Collections/Safety/Maintenance, Greg Pease
Engineering, Michael P. Cortez
Administrative Services, Dale McDonald

DISTRICT BOARD
Megan Clark
Ronald Ford
Craig K. Murray
Gary E. Robards
Crystal J. Yezman

REVISED ADDENDUM NO. 1

Date: June 21, 2023
Project: **TWAS Enclosure/Sludge Basin and Reception Pad**
Job No.: 12600-07

To: All Planholders and Prospective Bidders

The following changes and/or clarifications are hereby made to the Contract Documents, and shall become a part of the Contract Documents dated May 2023.

Questions Received from Proposers/Bidders:

The following questions were submitted on or before 6/15/2023, questions that are received after the bid questions deadline may not be answered in addendum. LGVSD responses to the questions are in bold.

1. 8.13 of the General Conditions states "The Contractor guarantees all of the Work for **one year** from date the District accepts the Work, however, paragraph two of the Maintenance Bond requires Contractor to correct any defects for a period of **three years**. Please clarify the guaranty period.

Response: A 3-Year Maintenance Bond is required.

2. Where is MCC3 Building in relation to the Sludge Basin? MCC3 building does not appear to be labeled on Drawing SE-01. Please advise.

Response: The MCC #3 Building is existing and located adjacent to the proposed TWAS awning structure. The building has been highlighted in the attached versions of sheet C-1, C-2, and SE-01 for reference.

3. Is MCC3 going to be new? Drawing E-01 elevation detail says MCC3 is new but the light print seems to indicate mostly existing other than the 3 new breakers. Please confirm.

Response: The MCC is existing. The three breakers will need to be added in. The elevation only shows the ones to be replaced as highlighted "NEW".

4. Electrical Legend on SE-01 appears to call for New Site Light and Pole with Photocell to match existing, however, no new lights are shown on the drawings. Please confirm if new site lighting is required and if so, provide location(s).

Response: There is no new site lighting required for this job – that note is a relic from an already-completed project and will be removed in the conformed drawing set.

5. Note 1 on Drawing E-01. Please provide drawings that show the layout of these loads in relation to location of MCC-3 so we can price the conductor replacement work accordingly.

Response: SE-01 and LE-01 show the location of the equipment in relation to the MCC.

6. Is the ductile iron pipe and fittings to be cement lined or glass lined. The specifications for ductile iron pipe include both but the drawings do not specify which.

Response: Per paragraph 2.2.D of Section 221030, lines handling sludge, scum, and other grease/bearing solids are to be glass lined. The expectation for this project is that all DIP piping/fittings will be glass lined as all DIP required for this project is associated with sludge and solids handling.

7. Please provide manufacturer and model of existing MCC that we are modifying under this project.

Response: Existing MCC is Allen-Bradley Centerline 2100 series. The order number from Rockwell is 6504325912.

List of Attachments:

- 1) **Attachment A** (3 pages) – Site drawings C-1, C-2, and SE-01 highlighting location of existing MCC #3 Building.

This addendum consists of six (6) pages including this page and all attachments. Acknowledge receipt of this addendum in the space provided on page 95 of 258, Proposal Cover Page and Bid Schedule, of the Bid Forms, and by signing in the space provided below. Submit original copy of this addendum cover page along with the bid. Failure to do so may disqualify the bidder.

Las Gallinas Valley Sanitary District:

Bidder: _____



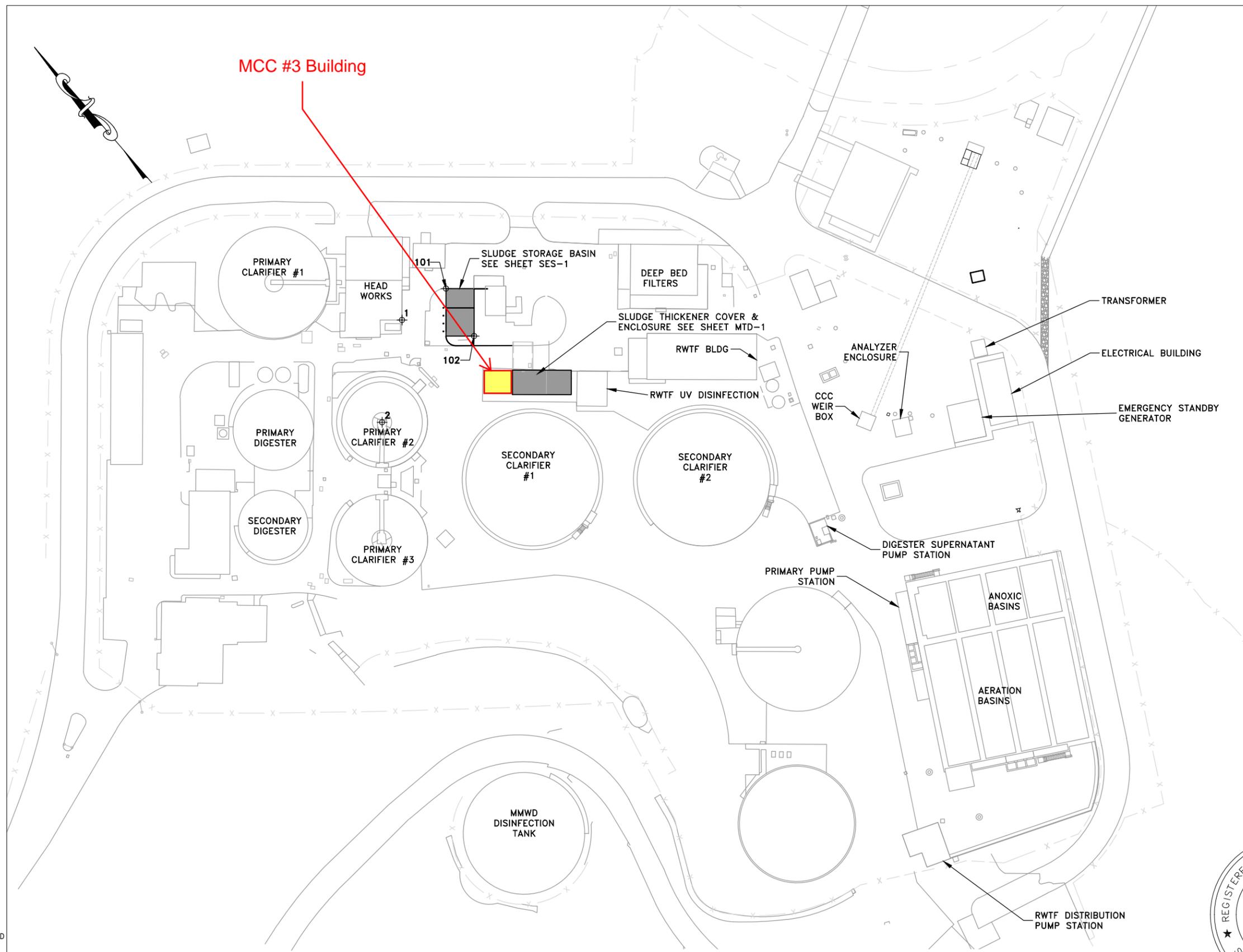
Michael P. Cortez, PE, District Engineer

(Authorized Signature)

(Date)

Attachment A

HORIZONTAL CONTROL			
PNT	NORTHING	EASTING	DESCRIPTION
1	2202220.45	5980237.50	CORNER OF HEADWORKS BUILDING
2	2202170.32	5980173.34	CENTER OF PRIMARY CLARIFIER #2
101	2202216.30	5980279.53	SLUDGE EQ
102	2202173.95	5980271.85	SLUDGE EQ



PLOT: EXTEND
 SCALE: 1:1
 BORDER: 22,34
 COLOR: No.
 RED 0.70MM
 YELLOW 0.20MM
 GREEN 0.25MM
 CYAN 0.40MM
 BLUE 0.50MM
 MAGENTA 0.20MM
 WHITE 0.35MM
 GRAY 0.15MM
 9 0.15MM
 10 1.00MM
 100 0.70MM
 210 0.60MM

SITE AND HORIZONTAL CONTROL PLAN

SCALE: 1"=40'-0"
 0 40 80
 Scale in Feet



533 W 2600 S, SUITE 275, BOUNTIFUL, UT 84010
 PHONE (801) 299-1327 FAX (801) 299-0153



JOB NO. 12600-07/16650-02

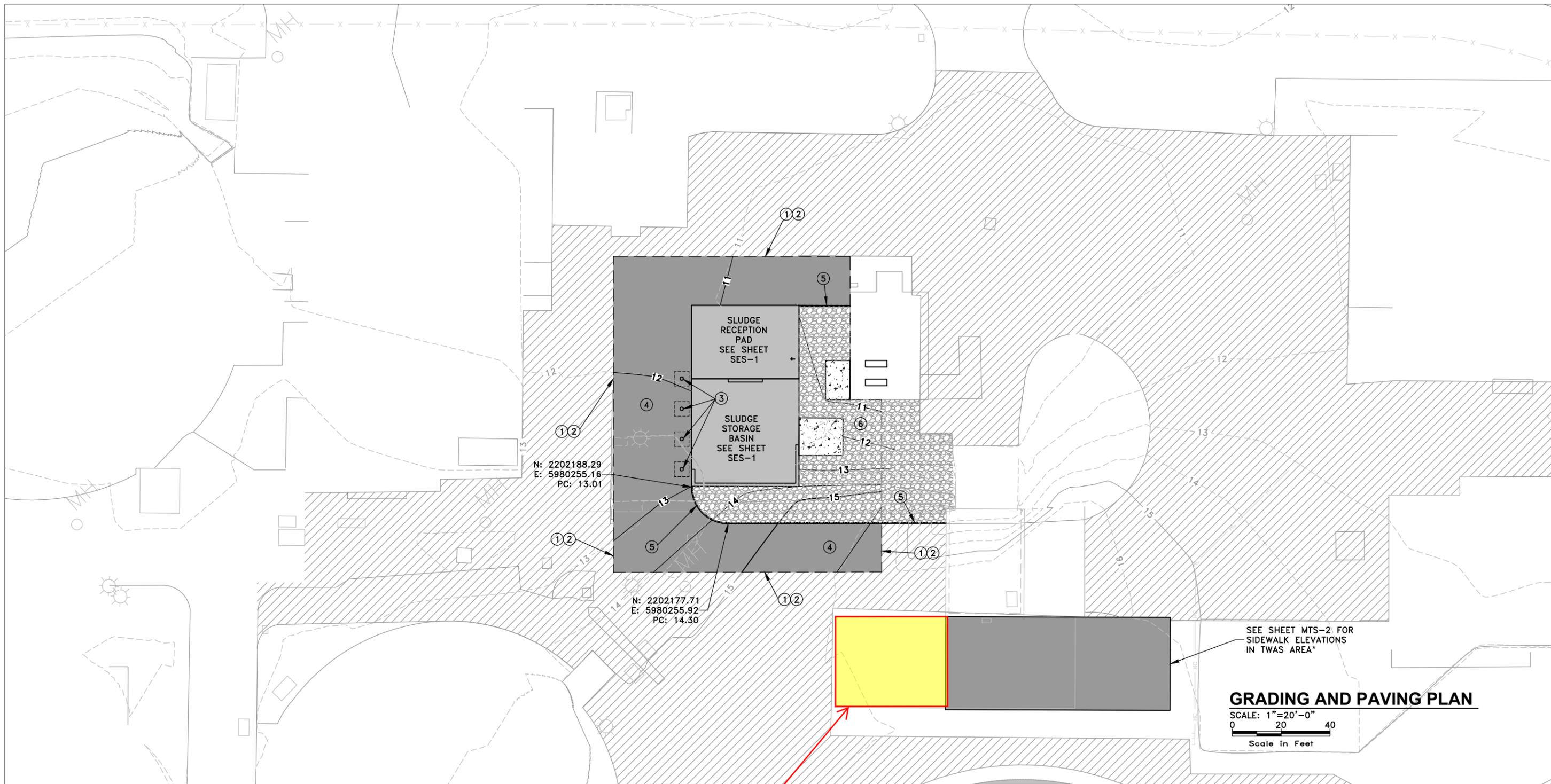
LAS GALLINAS VALLEY SANITARY DISTRICT
MARIN COUNTY, CALIFORNIA

TWAS ENCLOSURE/SLUDGE BASIN AND RECEPTION PAD

**CIVIL
SITE AND HORIZONTAL CONTROL**

CHECKED JRL	DRAWN DCH	SCALE AS SHOWN
APPROVED JRL	DESIGNED EES	DATE 03/03/23
GENERAL MANAGER Curtis Paxton	DISTRICT ENGINEER Michael P Cortez	

NO.	DATE	DESCRIPTION	BY	APPR'D	SHEET	PLAN NO.	DRAWING NO.	REVISION NO.
REVISIONS					9 of 74		C-1	B



GRADING AND PAVING PLAN

SCALE: 1"=20'-0"
 0 20 40
 Scale in Feet

NOTES:

- ① - SAW CUT, PROVIDE CLEAN EDGE.
- ② - MATCH EXISTING ELEVATION.
- ③ - PIPE BOLLARD. 120/CD-2
- ④ - 3" ASPHALT PAVING OVER BASE COURSE. 108/CD-2
- ⑤ - REDWOOD HEADER. 137/CD-1
- ⑥ - 6" DEEP DRAINAGE GRAVEL OVER 8oz. NON WOVEN FABRIC MIRAFI 180N OR EQUAL

MCC #3 Building

* CONTRACTOR TO REPLACE/REPAIR ASPHALT, PAVING, AND EXISTING SIDEWALK/CONCRETE AROUND TWAS ENCLOSURE AND AWNING AREA AS REQUIRED TO RESTORE PREVIOUS GRADES, SLOPES, AND CONDITION.



JOB NO. 12600-07/16650-02

LAS GALLINAS VALLEY SANITARY DISTRICT
 MARIN COUNTY, CALIFORNIA

TWAS ENCLOSURE/SLUDGE BASIN AND RECEPTION PAD

CIVIL GRADING PLAN

CHECKED JRL	DRAWN DCH	SCALE AS SHOWN
APPROVED JRL	DESIGNED EES	DATE 03/03/23
GENERAL MANAGER Curtis Paxton	DISTRICT ENGINEER Michael P Cortez	

NO.	DATE	DESCRIPTION	BY	APPRD
REVISIONS				

SHEET 10 of 74	PLAN NO.	DRAWING NO. C-2	REVISION NO. B
-------------------	----------	--------------------	-------------------



533 W 2600 S, SUITE 275, BOUNTIFUL, UT 84010
 PHONE (801) 299-1327 FAX (801) 299-0153

PLOTTED: EXTEND
 SCALE: 1:1
 BORDER: 22,34
 COLOR: No.
 RED 0.70MM
 YELLOW 0.20MM
 GREEN 0.25MM
 CYAN 0.40MM
 BLUE 0.50MM
 MAGENTA 0.20MM
 WHITE 0.35MM
 GRAY 0.15MM
 9 0.15MM
 10 1.00MM
 100 0.70MM
 210 0.60MM

LGVSD 1 FILE:
 FD144793
 ADDENDUM 1 (REVISED 6/21/2023)

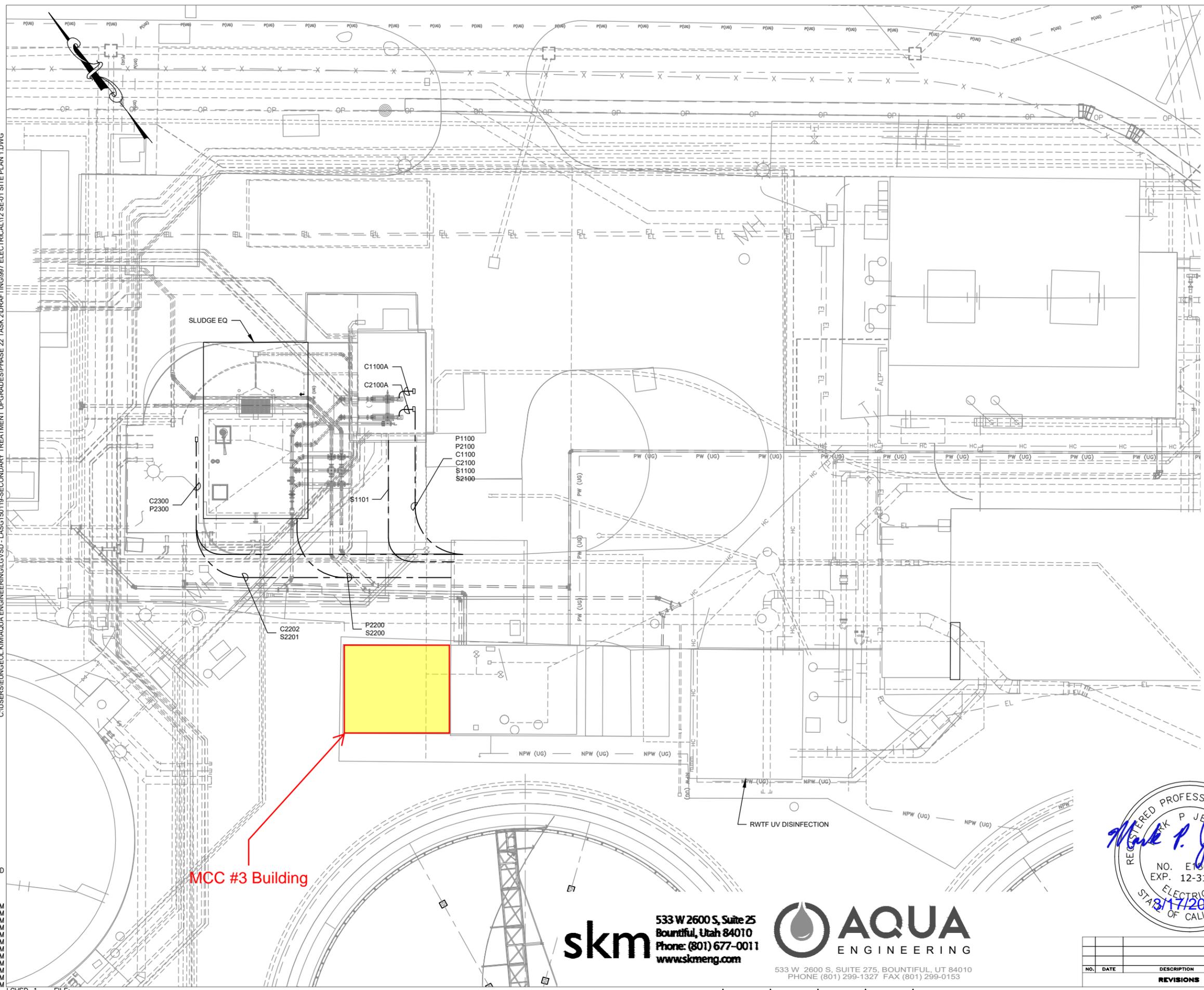
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
 TWAS ENCLOSURE/SLUDGE BASIN AND RECEPTION PAD

C:\USERS\ELING\KIM\AQUA\ENGINEERING\GVS\LD - LAS\6150119-SECONDARY TREATMENT UPGRADE\PHASE 22 TASK 2\DRAWING\3987-ELECTRICAL\12 SE-01 SITE PLAN 1.DWG

PLOTTED: 3/17/2023
 SAVED: 3/17/2023

PLOT: EXTEND
 SCALE: 1:1
 BORDER: 22,34
 COLOR: No.
 RED 0.70MM
 YELLOW 0.20MM
 GREEN 0.25MM
 CYAN 0.40MM
 BLUE 0.50MM
 MAGENTA 0.20MM
 WHITE 0.35MM
 GRAY 0.15MM
 9 0.15MM
 10 1.00MM
 100 0.70MM
 210 0.60MM

LGVSD 1 FILE:
 FD144793
 ADDENDUM 1 (REVISED 6/21/2023)



SLUDGE EQ

C1100A
 C2100A

P1100
 P2100
 C1100
 C2100
 S1100
 S2100

C2300
 P2300

S1101

C2202
 S2201

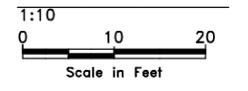
P2200
 S2200

MCC #3 Building

NOTES:

- ① CONDUIT SHALL ONLY RUN EXPOSED WHERE NECESSARY. ALL EXPOSED CONDUIT SHALL BE PVC COATED GR. PANELS SHALL BE STAINLESS STEEL NEMA 4X.
- ② CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING CONDUIT DETAILS AND A CONDUIT ROUTING PLAN TO THE ELECTRICAL ENGINEER FOR APPROVAL.
- ③ LIMIT EXPOSED CONDUITS, 90° BENDS, AND WALL PENETRATIONS. MAINTAIN SEPARATION BETWEEN SIGNAL AND POWER-CARRYING CONDUITS.

SITE PLAN 1



ELECTRICAL LEGEND

- EXISTING SITE LIGHT
- RELOCATED EXISTING OR NEW 15' SITE LIGHT. EXISTING LIGHT IS LUMEC MODEL LEN4-82LED63L6K-4-240-14-NP. EXISTING 15' POLE IS LUMEC MODEL APR4F-15-LBC3-NP. MATCH EXISTING LIGHT & POLE AND INSTALL PHOTOCCELL OR EQUAL.



JOB NO. 12600-07/16650-02

LAS GALLINAS VALLEY SANITARY DISTRICT
 MARIN COUNTY, CALIFORNIA

TWAS ENCLOSURE/SLUDGE BASIN AND RECEPTION PAD

**ELECTRICAL - SITE
 SITE PLAN 1**

CHECKED MPJ	DRAWN DCL	SCALE AS SHOWN
APPROVED MPJ	DESIGNED LAR	DATE 3/3/2023
GENERAL MANAGER Curtis Paxton	DISTRICT ENGINEER Michael P Cortez	
RCE # 54039		

NO.	DATE	DESCRIPTION	BY	APPROV
REVISIONS				

SHEET 66 of 74	PLAN NO.	DRAWING NO. SE-01	REVISION NO. B
-------------------	----------	-----------------------------	--------------------------

skm
 533 W 2600 S, Suite 25
 Bountiful, Utah 84010
 Phone: (801) 677-0011
 www.skmeng.com

AQUA
 ENGINEERING

533 W 2600 S, SUITE 275, BOUNTIFUL, UT 84010
 PHONE (801) 299-1327 FAX (801) 299-0153

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
 TWAS ENCLOSURE/SLUDGE BASIN AND RECEPTION PAD