

ADDENDUM NO. 3

PROJECT: Sanitary Sewer Lift Station Rehabilitation Project

CIP NO.: GS-2531 / GS-2532

FROM: District Engineer
Marina Coast Water District
920 2nd Avenue, Suite A
Marina, CA 93933

ISSUED: April 22, 2025

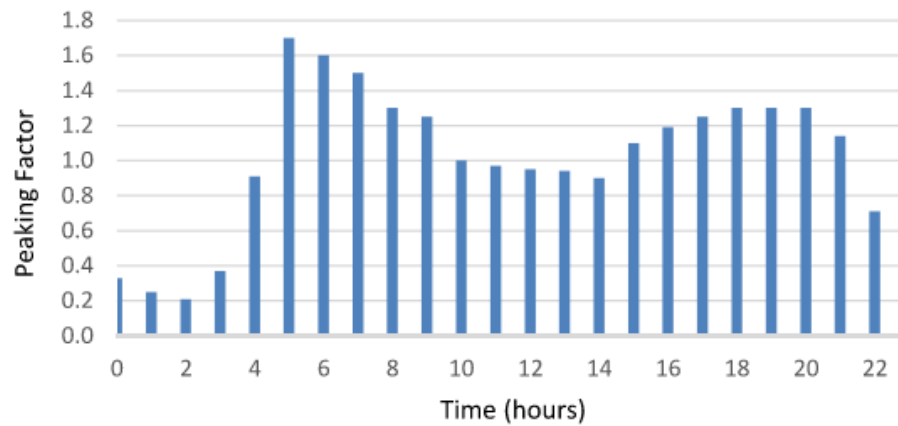
TO: **Prospective Bidders**

This Addendum forms a part of the Bidding Documents and will be incorporated into Contract Documents. Insofar as the Specifications or Drawings or both are inconsistent, this Addendum governs. Acknowledge receipt of the Addendum by inserting its number in Document 00 41 00 – Bid Form. **FAILURE TO DO SO WILL SUBJECT BID TO DISQUALIFICATION.**

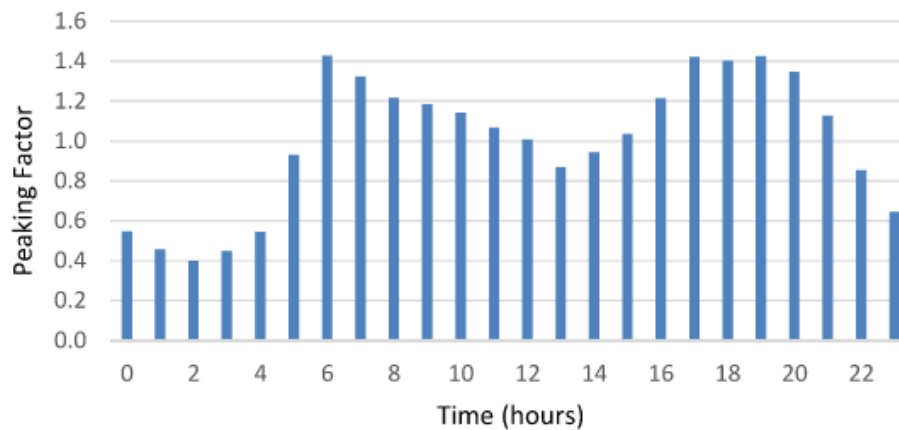
PART 1 – BIDDER INFORMATION ITEMS

- A. Bid opening has been moved to **Wednesday, April 30th, 2025, at 2:00pm.** All bids shall be submitted in accordance with the Contract Documents prior to the new date/time.
- B. Giggling Lift Station: all work proposed for Giggling Lift Station has been removed from this project. Bid Form, Plans, and Specifications have been updated accordingly.
- C. Sewer Bypassing:
 - a. District has prepared an exhibit detailing possible suction and discharge locations for bypassing the lift stations. Refer to Exhibit A.
 - b. Pricing for bypassing, whether utilizing pumps, trucks, plugs, or a combination of methods, shall be based on conveying the peak daily flows provided on the plans, at a minimum. The flows provided are estimates based on the latest records available; however, the Contractor is responsible for maintaining adequate equipment on standby should additional resources be needed to ensure no sanitary sewer overflow occurs.
 - c. Lift station bypassing is only required for the lift stations being lined as part of this contract (GS-2531). Bypassing shall occur on a 24-hour, continuous basis during the duration of the lining work at the lift station, including all surface preparation and rehabilitation, curing, and all tests/inspections.
 - d. Bypassing shall not occur over the weekend. Contractor shall schedule work such that work at each lift station can be started and completed in the same week.
 - e. If bypassing activities occur outside of the lift station extents, then traffic control and encroachment permits will be required. Contractor shall coordinate with the local agency having jurisdiction and procure any necessary encroachment permits at no additional cost to the District. Contractor to develop and submit Traffic Control Plan if discharge points occur within right of way. Costs for this work shall be included in the bypassing bid items for each lift station (Bid Items 4, 6, 8, 10, 12, and 14. Refer to Exhibit B).
 - f. Diurnal Curves, from 2020 MCWD Sewer Master Plan:

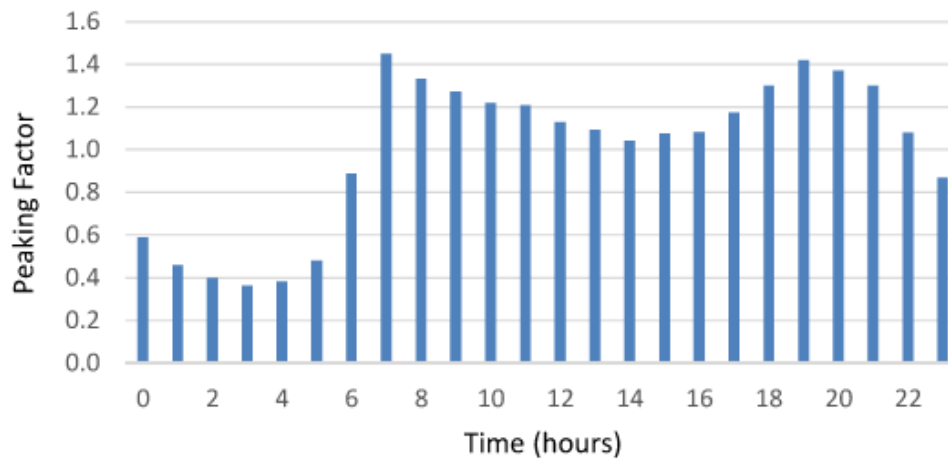
HODGES, AIRPORT, NEESON, AND WITTENMYER LIFT STATION DIURNAL CURVE:



CRESCENT LIFT STATION DIURNAL CURVE:



DUNES LIFT STATION DIURNAL CURVE:



PART 2 - CHANGES TO PROJECT MANUAL

- A. Document 00 41 00 – BID FORM: Replace Bid Schedule with the attached revised Bid Schedule. Refer to Exhibit B.
- B. Document 00 45 26 – PUBLIC WORKS CONTRACTOR REGISTRATION CERTIFICATION: Document added to project manual. Refer to Exhibit B.
- C. Specification Section 01 11 00, revised and included in Exhibit C:
 - a. Replace paragraph 1.1A.2.a. with the following:
“Retrofit six (6) existing wetwell access doors with safety grates, as shown on the Plans and herein specified.”
 - b. Replace paragraph 1.4A. with the following:
 - A. CIP GS-2531 and GS-2532 occur at the lift stations shown on the Plans and herein described:
 - 1. Hodges Lift Station: located within the unincorporated area of Monterey County at the northwestern corner of Hodges Court.
 - 2. Airport Lift Station: located within the City of Marina, north of Marina Municipal Airport Runway No. 29; accessible via a dirt access road off of Blanco Road.
 - 3. Neeson Lift Station: located within the City of Marina at the intersection of Neeson Road with Foxtrot Street.
 - 4. Wittenmyer Lift Station: located within the City of Marina, due north of the cul-de-sac on Wittenmyer Court. Accessible via a dirt access road off of Landrum Court.
 - 5. Crescent Lift Station: located within the City of Marina on Crescent Street, between Reindollar Avenue and Patton Parkway.
 - 6. Dunes Lift Station: located within the City of Marina off of Dunes Drive.
 - 7. East Garrison Lift Station: located within the unincorporated area of Monterey County off of the eastbound lane of Reservation Road, due east of the intersection with East Garrison Road.
 - 8. Reservation Lift Station: located within the City of Marina, off of the westbound lane of Reservation Road, due west of the intersection with Imjin Parkway.
 - 9. San Pablo Lift Station: located within the City of Marina, along Abrams Drive and Marina Heights Drive, between the intersection of Abrams Drive with Denali Drive and the intersection of Marina Heights Drive with Imjin Parkway
- D. Specification Section 01 20 00, revised and included in Exhibit C:
 - a. Replace paragraph titled “Bid Item No. 3 – Wetwell Epoxy Lining” with the attached paragraph titled “Bid Item No. 3 – Hodges LS Wetwell Lining”.
 - b. Replace paragraph titled “Bid Item No. 4 – Sewer Bypassing” with the attached paragraph titled “Bid Item No. 4 – Hodges LS Sewer Bypassing”.
 - c. Replace paragraph titled “Bid Item No. 5 – Wetwell Safety Grates” with the attached paragraph titled “Bid Item No. 16 – Wetwell Safety Grates”.
 - d. Add paragraph titled “Bid Item No. 5 – Airport LS Wetwell Lining”.
 - e. Replace paragraph titled “Bid Item No. 6 – New Wetwell Access Doors with Safety Grates” with the attached paragraph titled “Bid Item No. 17 – New Wetwell Access Doors with Safety Grates”.
 - f. Add paragraph titled “Bid Item No. 6–Airport LS Sewer Bypassing”.
 - g. Replace paragraph titled “Bid Item No. 7 – New Valve Vault Access Doors” with the attached paragraph titled “Bid Item No. 18 – New Valve Vault Access Doors”.

- h. Add paragraph titled "Bid Item No. 7 – Neeson LS Wetwell Lining".
- i. Replace paragraph titled "Bid Item No. 8 – Concrete Rehabilitation and Resurfacing" with the attached paragraph titled "Bid Item No. 15 – Concrete Rehabilitation and Resurfacing".
- j. Add paragraph titled "Bid Item No. 8–Neeson LS Sewer Bypassing". Refer to Exhibit C.
- k. Replace paragraph titled "Bid Item No. 9 – Lining Replacement with the attached paragraph titled "Bid Item No. 19 – Lining Replacement".
- l. Add paragraph titled "Bid Item No. 9 – Wittenmyer LS Wetwell Lining".
- m. Add paragraph titled "Bid Item No. 10 – Wittenmyer LS Sewer Bypassing".
- n. Add paragraph titled "Bid Item No. 11– Crescent LS Wetwell Lining".
- o. Add paragraph titled "Bid Item No. 12 – Crescent LS Sewer Bypassing".
- p. Add paragraph titled "Bid Item No. 13 – Dunes LS Wetwell Lining".
- q. Add paragraph titled "Bid Item No. 14 – Dunes LS Sewer Bypassing".

PART 3 - CHANGES TO DRAWINGS

- A. Sheet C-1.1: Revised anticipated sewer flows in General Note 2. Refer to Exhibit D, attached.
- B. Sheet C-1.2: The following changes were made. Refer to Exhibit D, attached:
 - a. Removed Giggling Lift Station from scope of work.
 - b. Removed Giggling Lift Station from Table 1.
 - c. Revised General Note 2.

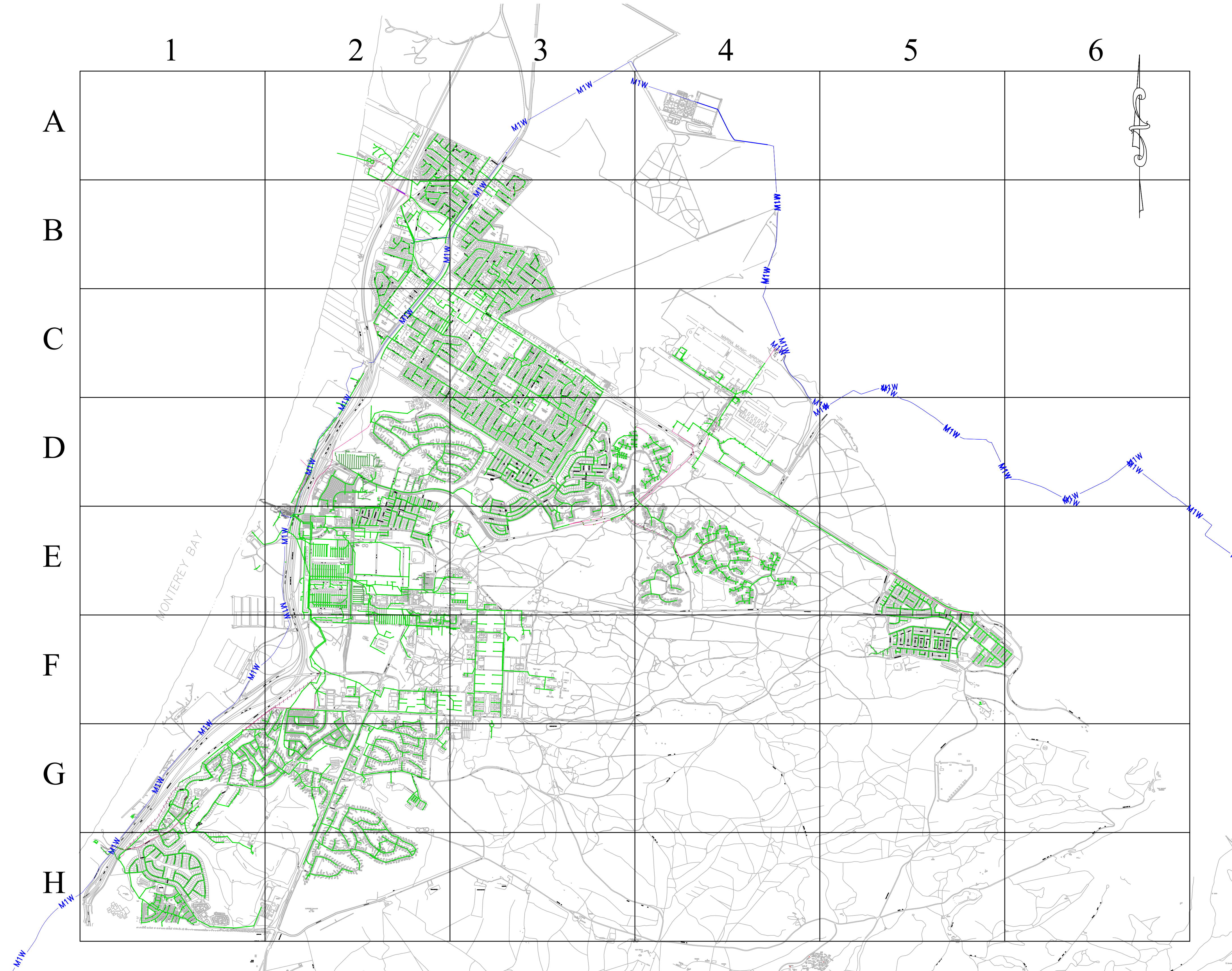
PART 4 – QUESTIONS RECEIVED

- Q16 *Can you please confirm that all lift stations have an auxiliary connection point located downstream of the check valves and upstream the force main that can be used for bypassing?*
- A16 Only Dunes, Crescent, and Giggling pump stations have auxiliary connection points.
- Q17 *Are there any specific restrictions or special requirements we need to be aware of when working at the Airport Lift Station?*
- A17 Coordination with City of Marina and Marina Municipal Airport Authority will be required for bypassing operations. Access to the lift station shall be coordinated with MCWD, Maintenance and Operations division.
- Q18 *Bypass suction and discharge points.*
- A18 Refer to Exhibit A. These are potential suction/discharge points. If contractor wants to utilize other locations, Contractor shall describe these alternate locations in the Sewer Bypass Plan.

END OF DOCUMENT

EXHIBIT A

- LIFT STATIONS
- DUNES LIFT STATION. PG 2,3 (A2, B2)
 - CRESCENT LIFT STATION, PG 4,5 (C2, C3)
 - AIRPORT LIFT STATION. PG 6 (C4)
 - NEESON LIFT STATION, PG 6 (C4)
 - WITTENMYER LIFT STATION, PG 7,8 (D3, D4)
 - HODGES LIFT STATION, PG 9 (E4)



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2024 UPDATE - PROOF SET

NOTE: ELEVATIONS BASED FROM ARMY MAPS,
NGVD 1929 VERTICAL DATUM.

NO.	OVLS SSFM & GIGGLING SSFM	DATE	2/1/22	AAS	APPR
	REVISION DESCRIPTION				



MARINA COAST WATER DISTRICT
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(831) 384-6131

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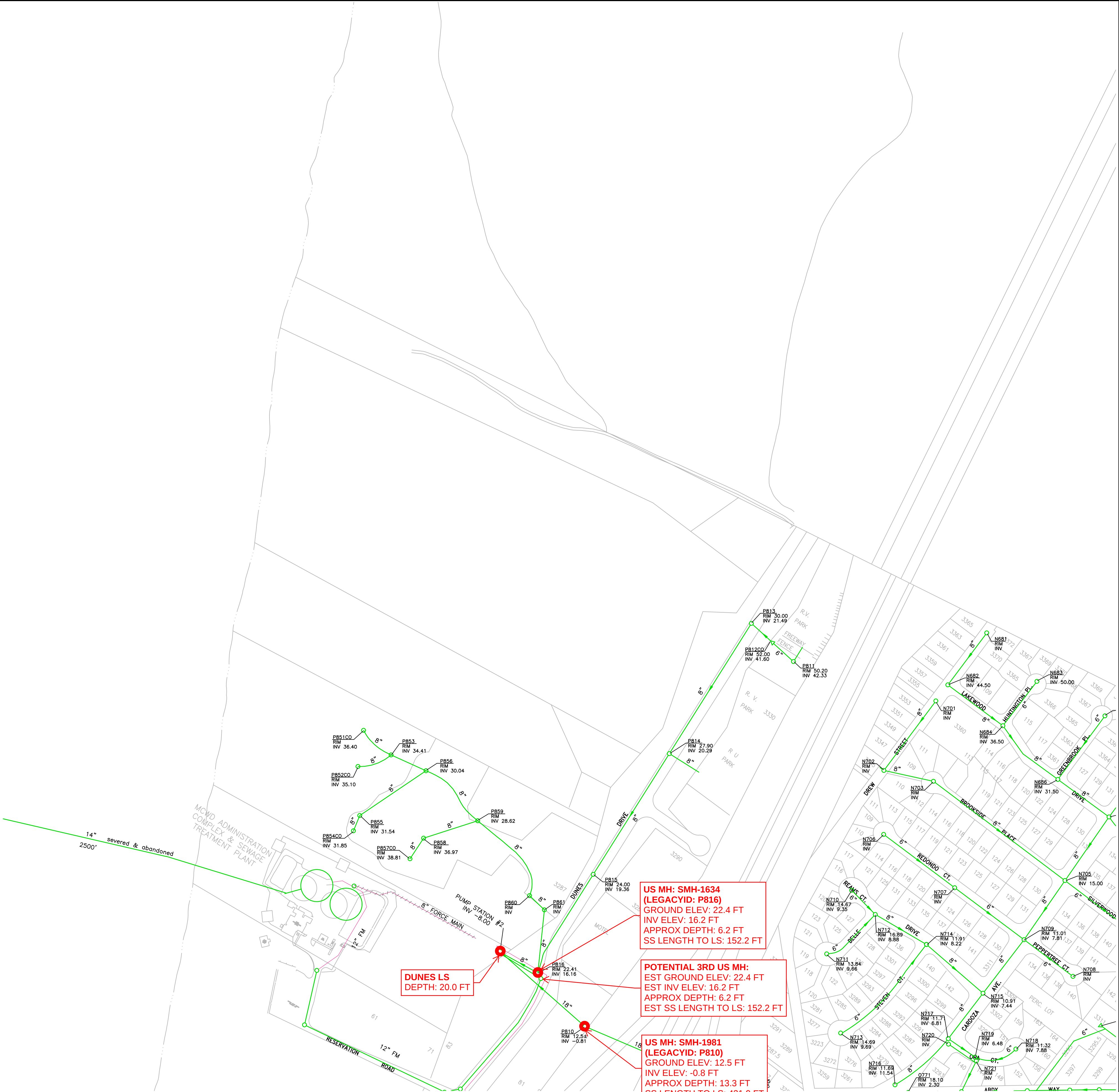
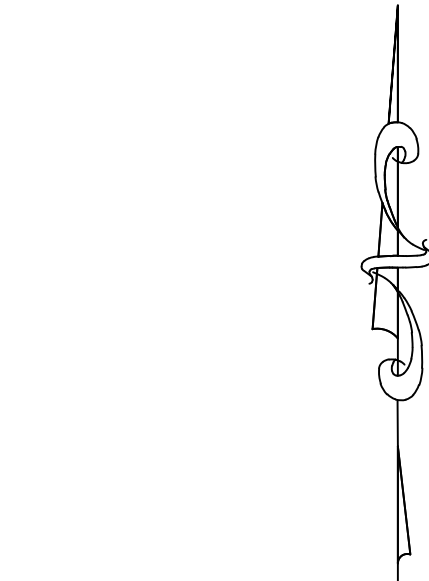
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2024 SEWER SYSTEM BASEMAP
MAP Index

DATE:	2/26/2024
SCALE:	1" = 200'
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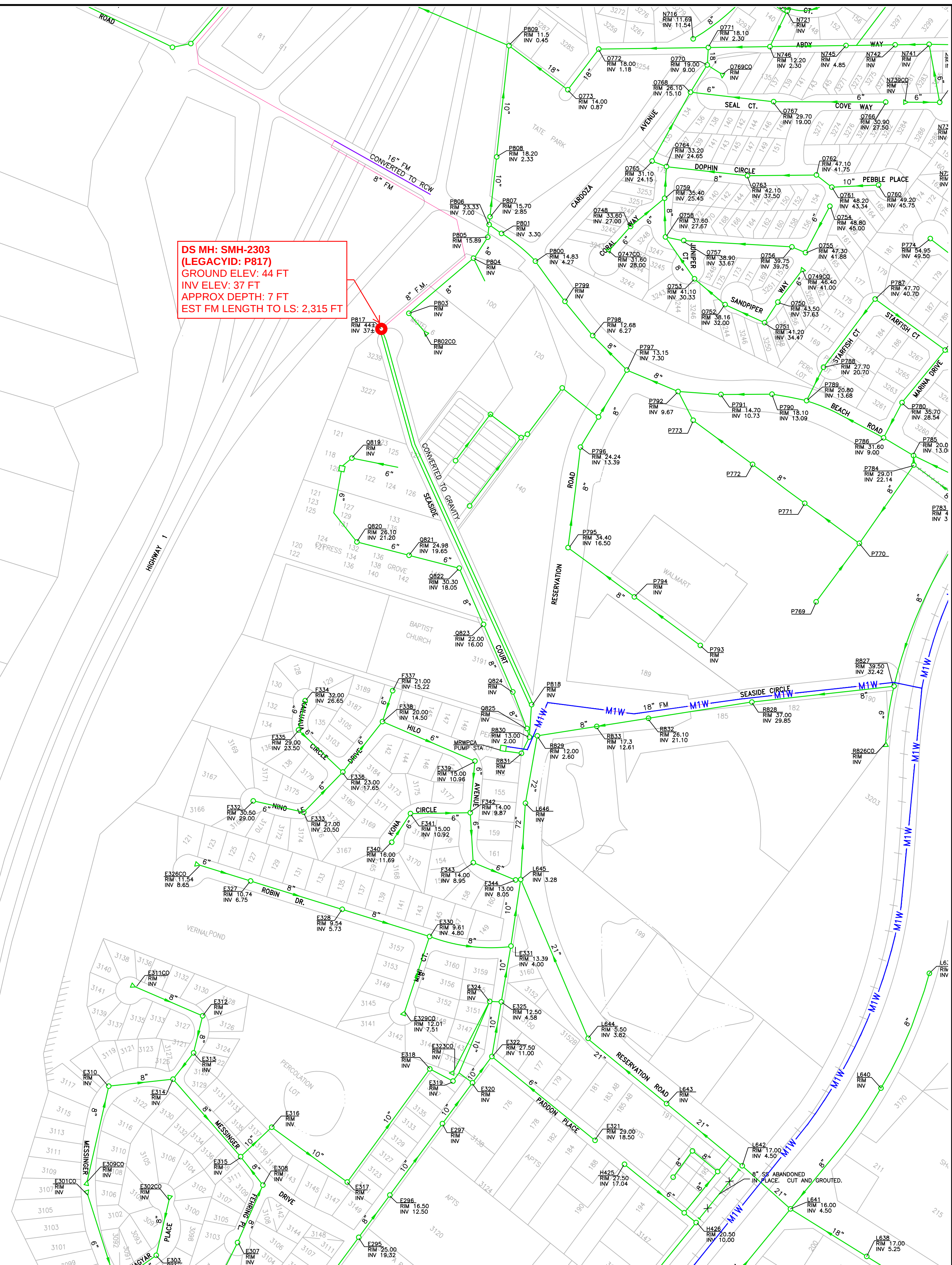
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2024 SEWER SYSTEM BASEMAP
MAP A2

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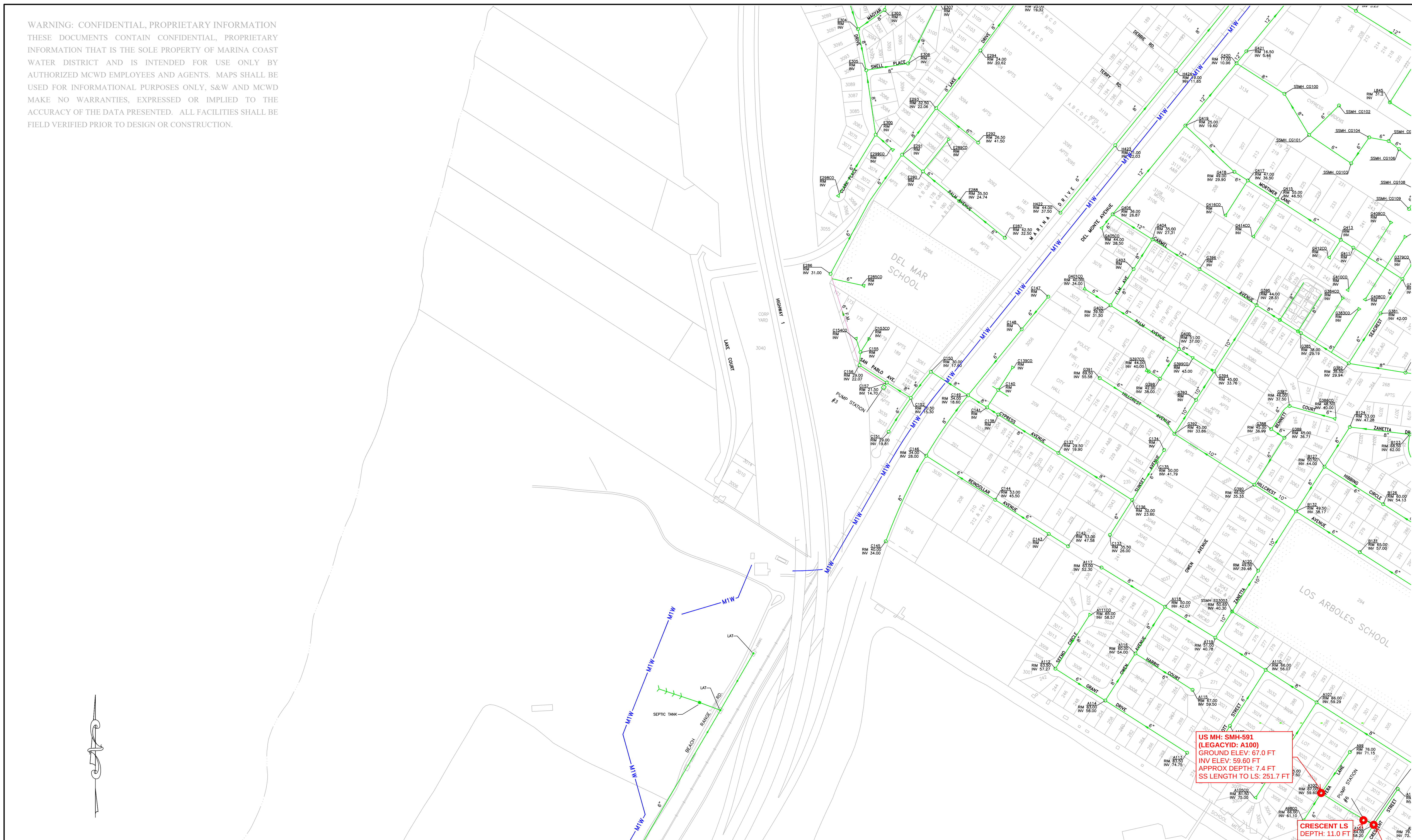
2024 SEWER SYSTEM BASEMAP
MAP B2

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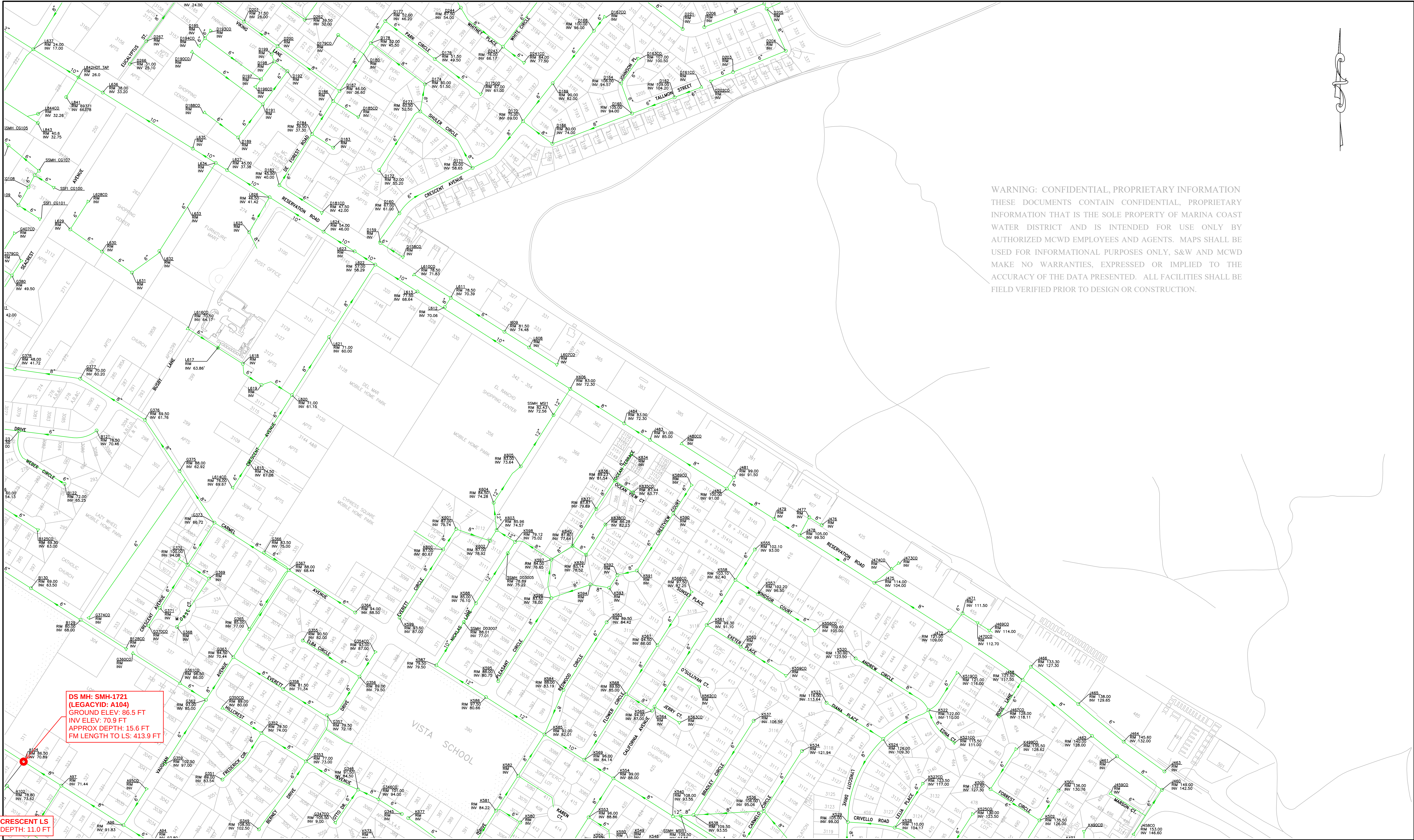
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2024 SEWER SYSTEM BASEMAP

MAP C2

DATE:	2/26/2024
SCALE:	1" = 200'
DESIGN:	JCT
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US MH: SMH-592
(LEGACYID: A103)
GROUND ELEV: 64.0 FT
INV ELEV: 58.2 FT
APPROX DEPTH: 5.8 FT
SS LENGTH TO I.S: 32.9 FT



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2024 SEWER SYSTEM BASEMAP
MAP C3

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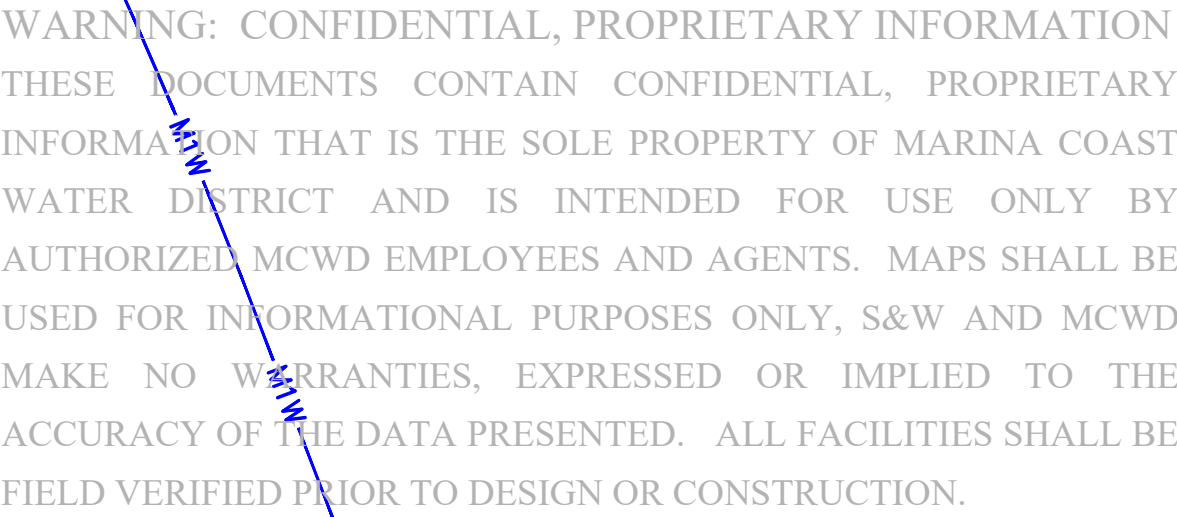
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CONNECTION WITH THE M1 WATER SYSTEM
APPROX FM LENGTH TO LS: 1,045.5 FT
RECOMMEND TRUCKING TO M1 WATER
SYSTEM OR OTHER DISCHARGE POINT
APPROVED BY THE DISTRICT

AIRPORT LS
DEPTH: 11.0 FT

DS MH: SMH-235
(LEGACYID: R26)
EST GROUND ELEV: 140 FT
INV ELEV: 132.7 FT
APPROX DEPTH: 7.3 FT
FM LENGTH TO LS: 90.8 FT

US MH: SMH-2555
(LEGACYID: R28)
EST GROUND ELEV: 142 FT
ASSUMED DEPTH: 10.0 FT
SS LENGTH TO LS: 384.0 FT

NEESON LS
DEPTH: 15.0 FT

US MH: SMH-2469
(LEGACYID: R3)
EST GROUND ELEV: 137 FT
EST INV ELEV: ~126 FT
APPROX DEPTH: 11 FT
SS LENGTH TO LS: 1212.7 FT

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2024 SEWER SYSTEM BASEMAP

MAP C4

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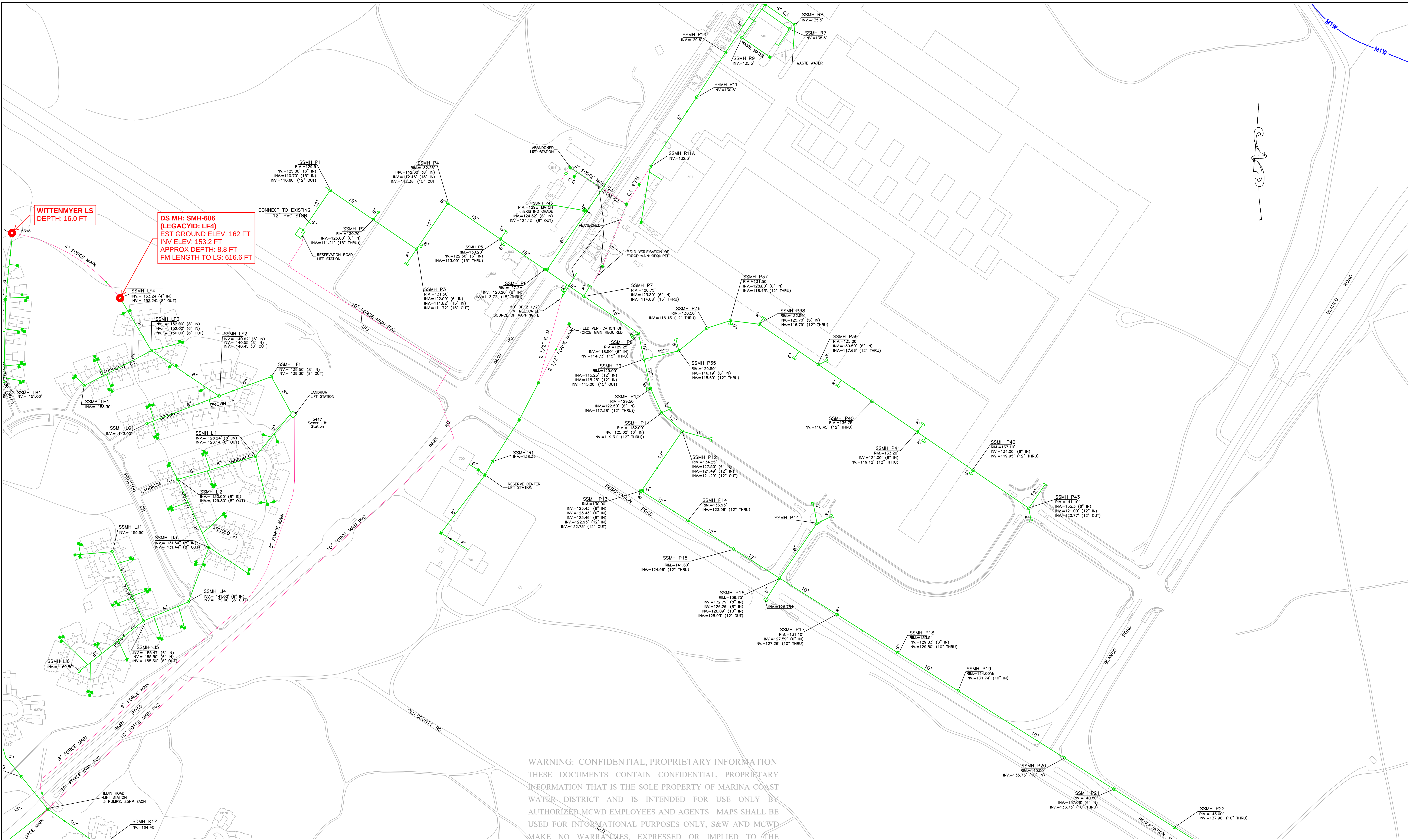
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2024 SEWER SYSTEM BASEMAP
MAP D4

DATE: 2/26/2024

SCALE: 1" = 200'

DESIGN: JCT

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EXHIBIT B

BID FORM

**CIP #GS-2531/GS-2532
SANITARY SEWER LIFT STATION REHABILITATION PROJECT**

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ARTICLE 1 – BID RECIPIENT

- 1.01 This Bid is submitted to:

Marina Coast Water District

920 Second Avenue, Suite A

Marina, CA 93933

ATTN: District Engineer

- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

- 2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 30 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

- 3.01 In submitting this Bid, Bidder represents that:

- A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

Addendum No.

Addendum Date

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder’s safety precautions and programs.

- E. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- F. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- G. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- H. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- I. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER’S CERTIFICATION**4.01 Bidder certifies that:**

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. “corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
GENERAL CONSTRUCTION ITEMS					
1	Mobilization and Demobilization	LS	1		
2	Erosion, Sediment, and Water Pollution Control	LS	1		
CIP GS-2531					
3	Hodges LS Wetwell Lining	LS	1		
4	Hodges LS Sewer Bypassing	LS	1		
5	Airport LS Wetwell Lining	LS	1		
6	Airport LS Sewer Bypassing	LS	1		
7	Neeson LS Wetwell Lining	LS	1		
8	Neeson LS Sewer Bypassing	LS	1		
9	Wittenmyer LS Wetwell Lining	LS	1		
10	Wittenmyer LS Sewer Bypassing	LS	1		
11	Crescent LS Wetwell Lining	LS	1		
12	Crescent LS Sewer Bypassing	LS	1		
13	Dunes LS Wetwell Lining	LS	1		
14	Dunes LS Sewer Bypassing	LS	1		
15	Concrete Rehabilitation and Resurfacing	SF	1,000		
CIP GS-2531 SUB-TOTAL:					
CIP GS-2532					
16	Wetwell Safety Grates	EA	6		
17	New Wetwell Access Doors with Safety Grates	EA	2		
18	New Valve Vault Doors	EA	3		
19	Lining Replacement	SF	200		
CIP GS-2532 SUB-TOTAL:					
Total of All Lump Sum Bid Items					\$
Total of All Unit Price Bid Items					\$
Total Bid Price					\$

ALW = Allowance, CF = Cubic Foot, CY = Cubic Yard, DY = Day, EA = Each, HR = Hour, LF = Linear Foot, LS = Lump Sum, SF = Square Foot, SY = Square Yard

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

Total of Lump Sum and Unit Price Bids = Total Bid Price \$

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The items listed in Document 00 43 93, Bid Submittal checklist, are submitted with and made a condition of this Bid.

ARTICLE 8 – DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By:

[Signature]

[Printed name]

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature]

[Printed name]

Title:

Submittal Date:

Address for giving notices:

Telephone Number:

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's Contractor _____

License No.: _____

(where applicable)

PUBLIC WORKS CONTRACTOR REGISTRATION CERTIFICATION*SUBMIT WITH BID*

Pursuant to Labor Code sections 1725.5 and 1771.1, all contractors and subcontractors that wish to bid on, be listed in a bid proposal, or enter into a contract to perform public work must be registered with the Department of Industrial Relations. See <http://www.dir.ca.gov/Public-Works/PublicWorks.html> for additional information.

No bid will be accepted nor any contract entered into without proof of the contractor's and subcontractors' current registration with the Department of Industrial Relations to perform public work.

Bidder hereby certifies that it is aware of the registration requirements set forth in Labor Code sections 1725.5 and 1771.1 and the bidder and all bidder's subcontractors are currently registered as a contractor with the Department of Industrial Relations.

Name of Bidder: _____

DIR Registration Number: _____

Name of Subcontractor: _____

DIR Registration Number: _____

Name of Subcontractor: _____

DIR Registration Number: _____

Name of Subcontractor: _____

DIR Registration Number: _____

Name of Subcontractor: _____

DIR Registration Number: _____

Name of Subcontractor: _____

DIR Registration Number: _____

Name of Subcontractor: _____

DIR Registration Number: _____

Bidder further acknowledges:

1. Bidder shall maintain a current DIR registration for the duration of the project.
2. Bidder shall include the requirements of Labor Code sections 1725.5 and 1771.1 in its contract with subcontractors and ensure that all subcontractors are registered at the time of bid opening and maintain registration status for the duration of the project.
3. Failure to submit this form or comply with any of the above requirements may result in a finding that the bid is non-responsive.

Bidder's Signature: _____

Bidder's Name and Title: _____

Firm: _____

Date: _____

END OF DOCUMENT

EXHIBIT C

SECTION 01 11 00

SUMMARY OF WORK

PART 1 GENERAL

1.1 WORK INCLUDED

- A. The Work includes rehabilitation of existing sanitary sewer lift stations within the Marina Coast Water District (MCWD) service boundary, in the specific locations shown in the Plans. A summary of the Work is as follows:
1. CIP GS-2531:
 - a. Provide epoxy-lining of six (6) existing precast concrete wetwells.
 2. CIP GS-2532:
 - a. Retrofit six (6) existing wetwell access doors with safety grates, as shown on the Plans and herein specified.
 - b. Replace two (2) existing wetwell access doors with new spring-assisted, dual-leaf access doors, equipped with safety grates.
 - c. Replace three (3) existing valve vault access doors with new spring-assisted, dual-leaf access doors.
- B. The Work consists of items listed in the Base Bid Schedule. Refer to Section 01 20 00 for further definition.
- C. All Work in this Contract shall be subject to the Contract Documents, and any environmental permitting requirements.
1. The Contractor shall be responsible for controlling erosion, sediment, and water pollution at all construction sites in accordance with Sections 13 and 21 of the 2023 Caltrans Standard Specifications (State Specifications), best known practices, and as shown in the Plans.
 - a. Payment for preparing and for providing all materials, labor, tools, equipment, and all incidentals to install, maintain and remove when completed, all erosion and sediment control measures shall be included in Bid Item 2, per Section 01 20 00 of these Specifications, and no additional compensation will be allowed.
- D. Work Schedule Considerations.
1. Cooperate with Marina Coast Water District, City of Marina, City of Seaside, and County of Monterey staff, contractors, and sub-contractors, and all other agencies requiring such coordination/cooperation throughout the construction of the Work.
 2. Lay down and construction staging areas shall, where possible, be limited to the limits of the existing lift stations. If additional area is required, Contractor shall be responsible for all coordination, procurement, and maintenance of these areas at no additional expense to the Owner.
 3. Complete all work required by Section 01 57 13 Temporary Erosion and Sediment Control and Section 01 57 23 Temporary Storm Water Pollution Control of these specifications.
 4. Complete all other legal and environmental requirements applicable to the Contractor's operations and construction work for the project.

1.2 SUBMITTALS

- A. In accordance with Section 01 33 00 – Submittal Procedures, submit the following:
1. Work Plan. Submit a detailed Work Plan for review and approval by Owner and Engineer. Work Plan shall be of sufficient detail to adequately describe the elements of Work, timing and sequencing of tasks and subtasks (and coordinated with Project Schedule) and in particular, sewer bypass plans, coordination with all agencies, temporary erosion control and sedimentation controls, staging/laydown areas and coordination thereof, and all other aspects of the Work. Submit Work Plan at the pre-construction meeting, or within 14 days following Notice to Proceed, whichever occurs first.

1.3 WORK NOT INCLUDED

- A. Except for such auxiliary work as is shown or specified or is necessary as a part of the construction, the following work is NOT included in this Contract.
1. Work shown but marked "NIC" (Not in Contract), or otherwise designated to be performed by others.

1.4 LOCATION OF SITES

- A. CIP GS-2531 and GS-2532 occur at the lift stations shown on the Plans, and herein described:
1. Hodges Lift Station: located within the unincorporated area of Monterey County at the northwestern corner of Hodges Court.
 2. Airport Lift Station: located within the City of Marina, north of Marina Municipal Airport Runway No. 29; accessible via a dirt access road off of Blanco Road.
 3. Neeson Lift Station: located within the City of Marina at the intersection of Neeson Road with Foxtrot Street.
 4. Wittenmyer Lift Station: located within the City of Marina, due north of the cul-de-sac on Wittenmyer Court. Accessible via a dirt access road off of Landrum Court.
 5. Crescent Lift Station: located within the City of Marina on Crescent Street, between Reindollar Avenue and Patton Parkway.
 6. Dunes Lift Station: located within the City of Marina off of Dunes Drive.
 7. East Garrison Lift Station: located within the unincorporated area of Monterey County off of the eastbound lane of Reservation Road, due east of the intersection with East Garrison Road.
 8. Reservation Lift Station: located within the City of Marina, off of the westbound lane of Reservation Road, due west of the intersection with Imjin Parkway.
 9. San Pablo Lift Station: located within the City of Marina, along Abrams Drive and Marina Heights Drive, between the intersection of Abrams Drive with Denali Drive and the intersection of Marina Heights Drive with Imjin Parkway.

1.5 SPECIFICATIONS

- A. The Specifications are those bound in the Project Manual and otherwise incorporated by reference. All sections of the Project Manual, including Notice Inviting Bids and Instructions to Bidders, are part of the Contract Documents for this Work. The Project Manual consists of the Notice Inviting Bids, Instructions to Bidders, General Conditions

of the Contract for Construction, Special Provisions of the Contract for Construction, including Division 01 through 40 of these Technical Specifications, and Caltrans 2023 Standard Specifications, where referenced.

1.6 SUPPLEMENTARY CONDITIONS

- A. Throughout these technical specifications, Division 01 through Division 33, where conflict exists between the Supplementary Conditions and these Technical Specifications, requirements of the Supplementary Conditions shall prevail.

1.7 DRAWINGS

- A. The Drawings consist of 6 sheets prepared by Wallace Group, dated February 12, 2025.

1.8 INTERRUPTION OF SERVICES

- A. Interruptions to sanitary sewer service for the purpose of applying epoxy lining, installing access doors and safety grates, or any other work to existing sanitary sewer facilities, as identified in the Plans, shall be made only after consultation with Owner and Engineer a minimum of one (1) week in advance of such Work. Timing of service disruption shall be approved by Owner, and such Work shall be scheduled during dry periods with no rainfall in the forecast for the duration of the Work.

1.9 COORDINATION OF THE WORK/SEQUENCING OF WORK

- A. General Scheduling Requirements
 - 1. Submit Construction Work Plan for review and approval by Owner and Engineer, at pre-Construction Meeting, dovetailing sequencing details with Schedule as required in Section 01 32 16, Construction Progress Schedule, and other schedule constraints for permitting and coordination with on-going construction activities in the area. Incorporate schedule into overall Work Plan for approval by Owner and Engineer. Include in the Construction Work Plan, detailed sanitary bypass plans as required, as well as detailing timing, equipment and requirements to perform the Work with minimal impact to system users.
 - a. Submit sanitary sewer bypass plan and method statement, a minimum of 14 days prior to commencing work.
- B. Prior to commencement of Work and within 7 days of Notice to Proceed, verify and confirm, to the Owner's Representative in writing, the existing grades, elevations and conditions of the site. Any discrepancies between existing conditions and the contract documents must be brought to the Owner's attention during that time frame.
- C. Prepare schedules as set forth in Section 01 30 00, Administrative Requirements.
- D. Continuously keep existing drainage facilities, walks, and paved areas clean and free of mud and dirt, obstacles, etc., and protect against damage.
- E. Closeout Timetable. Coordinate with Owner to establish dates for equipment, testing, acceptance periods (as required under the Contract). Such dates shall be established not less than one week prior to beginning any of the foregoing items, to allow the Owner

and their authorized representatives sufficient time to schedule attendance at such activities.

- F. Final Submittals: Prior to requesting final payment, obtain and submit the following items to the Engineer for transmittal to the Owner:
1. Written guarantees, where required.
 2. Operating manuals and instructions.
 3. Completed record drawings per Section 01 70 00.
 4. Certificates of inspection and acceptance by local governing agencies having jurisdiction, including but not limited to, MCWD, the City of Marina, the City of Seaside, and the County of Monterey.
 5. Releases from all parties who are entitled to claims against the subject project, property, or improvement pursuant to the provisions of law.

1.10 HOURS OF WORK

- A. Perform Work of this Contract on normal workdays and within normal work hours; 7:00 am to 5:00 pm Monday through Friday. After hours work and work on Saturdays, Sundays, and Owner holidays, may be permitted if approval is received from the Owner and from the agency having jurisdiction (County of Monterey, City of Marina, and/or City of Seaside) at least 3 working days in advance, at no additional cost to Owner. When Contractor schedules Work on non-working days or after-hours work, the Contractor shall be responsible for the overtime costs incurred by the Owner for inspections or other related activities, unless such schedule was requested by Owner or Owner's Representative.

1.11 SITE ACCESS

- A. All Work is in easements owned by Marina Coast Water District.

1.12 PROTECTION OF EXISTING STRUCTURES AND UTILITIES

- A. Refer to Article 5 of the General Conditions and other Division 01 Sections for Contractor responsibilities.
- B. Damage to existing improvements caused by Contractor's operations, either on-site or on adjacent sites, shall be repaired to restore damaged items to their original condition as approved by the Owner of the damaged property. Cost of such repair shall be borne entirely by Contractor.
- C. Drawings indicate existing sanitary sewer structures owned by Marina Coast Water District only.
- D. Locate known existing structures and utilities before proceeding with construction. Maintain them in service, except as otherwise specified. Provide protection and repair damage to them caused by the Work at no increase in Contract price.

END OF SECTION

SECTION 01 20 00

PRICE AND PAYMENT PROCEDURES

PART 1 GENERAL

- 1.01 This Section describes the methods of measurement and payment for the specific bid items. All other provisions of the Contract Documents which relate to measurement and payment are applicable, except that where conflicts occur between this section and other provisions of the technical specifications or reference specifications, this measurement and payment section shall prevail.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.01 GENERAL

- A. All work shown, described, or otherwise required by the Contract Documents, shall be included within the given bid items.
- B. Payment for all bid items shall include full compensation for all equipment, materials, labor, tools, trucking, and all other incidental work necessary to construct complete and operational systems which conform to the Contract Documents.

3.02 MEASUREMENT AND PAYMENT FOR BID ITEMS

- A. All lengths shall be measured in a horizontal plane (plan view dimensions), unless otherwise specified. All areas measured shall be based on the specified measurement definition included in each bid item description.
- B. All work shown, described, or otherwise required by the Contract Documents, shall be included within the given bid items.
- C. Basis for the submitted bid shall be on the quantities shown for the items on the Bid Sheet.
- D. Unit definitions of Measurement and Payment
 - 1. "Lump Sum", or "LS", shall mean a single Lump Sum Payment for the identified bid item. Partial payments may be made, based on the Engineer's estimate of the percent completion of the specified item. Provide schedule of values for lump sum bid items with pay designation of "SV" on the bid schedule. Refer to Section 01 30 00, Administrative Requirements, Para. 1.05 for submittal requirements for Schedule of Values.
 - 2. "Each", or "EA", shall mean the actual number of identified bid items provided. Payment for the identified bid item will be based on providing each item, complete and in place in accordance with the contract documents.
 - 3. Measurable units of quantity expressed in "Linear Feet" or "LF"; "Cubic Yard or CY"; "Ton"; "SF" or "SY" shall mean the number of indicated measurable

quantities of the bid item. Payment for the identified bid item will be based on actual and measured quantities of the bid item complete and in place in accordance with the contract documents.

4. For extra work, and quantity changes for unit price work, refer to the General Conditions.

E. Final Pay Quantities.

1. Bid items that are designated a Final Pay Quantity bid item by having the notation (F) or (S-F) shown on the bid sheet or by designation in this Section 01 20 00, Measurement and Payment.
2. The quantity shown on the bid sheet for a Final Pay Quantity shall be the final pay quantity used for the purpose of payments, unless the dimensions of any portion of the item are modified by the Engineer, or the item or any portion of the item is eliminated.
3. If the dimensions of any portion of a Final Pay Quantity bid item are changed, and the changes result in an increase or decrease in the quantity of the item, the final pay quantity will be revised by the change in quantity.
4. If a portion of a Final Pay Quantity item, or the item is eliminated, the final pay quantity will be adjusted by the quantity eliminated.
5. The estimated quantity shown on the bid sheet for a Final Pay Quantity bid item shall be considered as an estimate only and no guarantee is made that a quantity computed based on the details and the plans, will equal the estimated quantity shown on the bid sheet. No allowance is made in the event that a computed quantity does not equal the estimate quantity.
6. In the case of a discrepancy between a quantity shown on the plans, and an estimated quantity shown on the bid sheet for a Final Pay Quantity item, payment will be based on the quantity shown on the bid sheet.

BASE BID

Bid Item No. 1 – Mobilization/Demobilization

- A. Units: Lump Sum
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Mobilization/Demobilization.
 1. Partial payment for Mobilization/Demobilization work will not be made until listed items in the schedule of values have been completed to the satisfaction of the Owner.
 2. Contractor shall be compensated no more than 70% of total bid value for Mobilization/Demobilization for mobilization; and 30% for mobilization/demobilization for demobilization following completion of Work.
- D. Scope of bid item: Mobilization/Demobilization includes, but is not limited to the following:

1. Mobilization/demobilization at each Project site identified in Section 01 11 00, Summary of Work.
2. Obtaining all required bonds, insurance, and permits.
3. Posting all Cal-OSHA required notices and establishment of safety programs and injury and illness prevention plan (IIPP).
4. Maintaining project schedule.
5. Moving onto the sites of all Contractors' facilities and equipment required for project operations.
6. Arranging for and erection of Contractor's work areas and storage yards and coordinating such work areas and storage yards with Marina Coast Water District staff, and other agencies as necessary. Per Section 01 11 00, Summary of Work, lay down and storage areas shall be limited to the limits of the lift station sites, wherever possible.
7. Coordination with utility companies during construction activities adjacent to utility agency facilities.
8. Coordinating with County of Monterey, City of Marina, City of Seaside, Marina Coast Water District staff, and other agencies during construction.
9. Providing and installing temporary communication facilities.
10. Providing and installing construction water and on-site sanitary facilities.
11. Designation of the Contractor's superintendent who will be present at the job site full time.
12. Documenting construction progress, including pre- and post-construction photographs, and progress photographs.
13. Preparing and submitting field record drawings.
14. Removing equipment, personnel, temporary facilities, and other construction resources at job completion.
15. Site cleanup.
16. All other incidental work as specified in Division 01 of these Specifications, Project Supplementary Conditions, District Standard Specifications, referenced Caltrans standard specifications, and as necessary to complete Mobilization/Demobilization in accordance with the Contract Documents.

Bid Item No. 2 – Erosion, Sediment, and Water Pollution Control

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Erosion, Sedimentation, and Storm Water Pollution Control.
- D. Scope of bid item: Work for Erosion, Sedimentation, and Storm Water Pollution Control includes, but is not limited to the following:

1. Proper management of storm water, dust, sediment, and erosion with best practices, where required. Refer to Section 01 57 13 – Temporary Erosion and Sediment Control and 01 57 23 Temporary Storm Water Pollution Control.
2. Complying with all reporting, monitoring, inspection and permitting requirements for protection of water quality.
3. All labor, equipment and materials to perform Erosion, Sedimentation, and Water Pollution Control activities.
4. All other incidental work necessary to complete Erosion, Sedimentation, and Water Pollution Control in accordance with the Contract Documents.

Bid Item No. 3 – Hodges LS Wetwell Lining

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Hodges LS Wetwell Lining.
- D. Scope of Bid Item: Hodges LS Wetwell Lining shall include, but is not limited to the following:
 1. Furnish and install epoxy lining in accordance with the Plans and Specifications, including surface preparation of the manhole interior surface as described in the Specifications.
 2. Hauling and disposing of all waste, unsuitable, and excess material in accordance with the Contract Documents, and not allowing deleterious materials into the sewer system.
 3. Control/management of groundwaters.
 4. Verification of adjacent utilities.
 5. And all other incidental work necessary to implement Hodges LS Wetwell Lining complete, in place, and in accordance with the Contract Documents.

Bid Item No. 4 – Hodges LS Sewer Bypassing

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Hodges LS Sewer Bypassing.
- D. Scope of bid item: Work for Hodges LS Sewer Bypassing includes, but is not limited to the following:
 1. Preparation of approved sewer bypassing plans for the various sites of the Work where sewer bypassing is required.
 2. Providing all labor, materials and equipment to provide sewer bypassing, and to ensure adequate redundancy measures and containment of sewage and spill prevention at the various sites of the Work.

3. All other incidental work necessary to complete Hodges LS Sewer Bypassing in accordance with the Contract Documents.

Bid Item No. 5 – Airport LS Wetwell Lining

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Airport LS Wetwell Lining.
- D. Scope of Bid Item: Airport LS Wetwell Lining shall include, but is not limited to the following:
 1. Furnish and install epoxy lining in accordance with the Plans and Specifications, including surface preparation of the manhole interior surface as described in the Specifications.
 2. Hauling and disposing of all waste, unsuitable, and excess material in accordance with the Contract Documents, and not allowing deleterious materials into the sewer system.
 3. Control/management of groundwaters.
 4. Verification of adjacent utilities.
 5. And all other incidental work necessary to implement Airport LS Wetwell Lining complete, in place, and in accordance with the Contract Documents.

Bid Item No. 6 – Airport LS Sewer Bypassing

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Airport LS Sewer Bypassing.
- D. Scope of bid item: Work for Airport LS Sewer Bypassing includes, but is not limited to the following:
 1. Preparation of approved sewer bypassing plans for the various sites of the Work where sewer bypassing is required.
 2. Providing all labor, materials and equipment to provide sewer bypassing, and to ensure adequate redundancy measures and containment of sewage and spill prevention at the various sites of the Work.
 3. All other incidental work necessary to complete Airport LS Sewer Bypassing in accordance with the Contract Documents.

Bid Item No. 7 – Neeson LS Wetwell Lining

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.

- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Neeson LS Wetwell Lining.
- D. Scope of Bid Item: Neeson LS Wetwell Lining shall include, but is not limited to the following:
 - 1. Furnish and install epoxy lining in accordance with the Plans and Specifications, including surface preparation of the manhole interior surface as described in the Specifications.
 - 2. Hauling and disposing of all waste, unsuitable, and excess material in accordance with the Contract Documents, and not allowing deleterious materials into the sewer system.
 - 3. Control/management of groundwaters.
 - 4. Verification of adjacent utilities.
 - 5. And all other incidental work necessary to implement Neeson LS Wetwell Lining complete, in place, and in accordance with the Contract Documents.

Bid Item No. 8 – Neeson LS Sewer Bypassing

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Neeson LS Sewer Bypassing.
- D. Scope of bid item: Work for Neeson LS Sewer Bypassing includes, but is not limited to the following:
 - 1. Preparation of approved sewer bypassing plans for the various sites of the Work where sewer bypassing is required.
 - 2. Providing all labor, materials and equipment to provide sewer bypassing, and to ensure adequate redundancy measures and containment of sewage and spill prevention at the various sites of the Work.
 - 3. All other incidental work necessary to complete Neeson LS Sewer Bypassing in accordance with the Contract Documents.

Bid Item No. 9 – Wittenmyer LS Wetwell Lining

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Wittenmyer LS Wetwell Lining.
- D. Scope of Bid Item: Wittenmyer LS Wetwell Lining shall include, but is not limited to the following:
 - 1. Furnish and install epoxy lining in accordance with the Plans and Specifications, including surface preparation of the manhole interior surface as described in the Specifications.

2. Hauling and disposing of all waste, unsuitable, and excess material in accordance with the Contract Documents, and not allowing deleterious materials into the sewer system.
3. Control/management of groundwaters.
4. Verification of adjacent utilities.
5. And all other incidental work necessary to implement Wittenmyer LS Wetwell Lining complete, in place, and in accordance with the Contract Documents.

Bid Item No. 10 – Wittenmyer LS Sewer Bypassing

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Wittenmyer LS Sewer Bypassing.
- D. Scope of bid item: Work for Wittenmyer LS Sewer Bypassing includes, but is not limited to the following:
 1. Preparation of approved sewer bypassing plans for the various sites of the Work where sewer bypassing is required.
 2. Providing all labor, materials and equipment to provide sewer bypassing, and to ensure adequate redundancy measures and containment of sewage and spill prevention at the various sites of the Work.
 3. All other incidental work necessary to complete Wittenmyer LS Sewer Bypassing in accordance with the Contract Documents.

Bid Item No. 11 – Crescent LS Wetwell Lining

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Crescent LS Wetwell Lining.
- D. Scope of Bid Item: Crescent LS Wetwell Lining shall include, but is not limited to the following:
 1. Furnish and install epoxy lining in accordance with the Plans and Specifications, including surface preparation of the manhole interior surface as described in the Specifications.
 2. Hauling and disposing of all waste, unsuitable, and excess material in accordance with the Contract Documents, and not allowing deleterious materials into the sewer system.
 3. Control/management of groundwaters.
 4. Verification of adjacent utilities.
 5. And all other incidental work necessary to implement Crescent LS Wetwell Lining complete, in place, and in accordance with the Contract Documents.

Bid Item No. 12 – Crescent LS Sewer Bypassing

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Crescent LS Sewer Bypassing.
- D. Scope of bid item: Work for Crescent LS Sewer Bypassing includes, but is not limited to the following:
 - 1. Preparation of approved sewer bypassing plans for the various sites of the Work where sewer bypassing is required.
 - 2. Providing all labor, materials and equipment to provide sewer bypassing, and to ensure adequate redundancy measures and containment of sewage and spill prevention at the various sites of the Work.
 - 3. All other incidental work necessary to complete Crescent LS Sewer Bypassing in accordance with the Contract Documents.

Bid Item No. 13 – Dunes LS Wetwell Lining

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Dunes LS Wetwell Lining.
- D. Scope of Bid Item: Dunes LS Wetwell Lining shall include, but is not limited to the following:
 - 1. Furnish and install epoxy lining in accordance with the Plans and Specifications, including surface preparation of the manhole interior surface as described in the Specifications.
 - 2. Hauling and disposing of all waste, unsuitable, and excess material in accordance with the Contract Documents, and not allowing deleterious materials into the sewer system.
 - 3. Control/management of groundwaters.
 - 4. Verification of adjacent utilities.
 - 5. And all other incidental work necessary to implement Dunes LS Wetwell Lining complete, in place, and in accordance with the Contract Documents.

Bid Item No. 14 – Dunes LS Sewer Bypassing

- A. Units: Lump Sum (LS)
- B. Measurement: Partial payments based on Engineer's determination.
- C. Payment: Payment includes full compensation for all work required to complete the contract requirements for Dunes LS Sewer Bypassing.

- D. Scope of bid item: Work for Dunes LS Sewer Bypassing includes, but is not limited to the following:
1. Preparation of approved sewer bypassing plans for the various sites of the Work where sewer bypassing is required.
 2. Providing all labor, materials and equipment to provide sewer bypassing, and to ensure adequate redundancy measures and containment of sewage and spill prevention at the various sites of the Work.
 3. All other incidental work necessary to complete Dunes LS Sewer Bypassing in accordance with the Contract Documents.

Bid Item No. 15 – Concrete Rehabilitation and Resurfacing

- A. Units: Square Feet (SF)
- B. Measurement: Square feet of patched, resurfaced, and rehabilitated concrete manhole interior surfaces in accordance with the Plans and Specifications.
- C. Payment: The payment quantity for Concrete Rehabilitation and Resurfacing shall be on a unit price basis per square foot, and shall be full compensation for all materials, labor, tools equipment and incidentals to acceptably construct this item in accordance with the Plans and Specifications.
- D. Scope of Bid Item: Concrete Rehabilitation and Resurfacing shall include, but is not limited to the following:
1. Furnish and install epoxy grout over deteriorated and damaged concrete manhole surfaces in compliance with the Plans and these Specifications.
 2. Hauling and disposing of all waste, unsuitable, and excess material in accordance with the Contract Documents.
 3. Control/management of groundwaters.
 4. And all other incidental work necessary to implement Concrete Rehabilitation and Resurfacing complete, in place, and in accordance with the Contract Documents.

Bid Item No. 16 – Wetwell Safety Grates

- A. Units: Each (EA)
- B. Measurement: Each fully furnished and installed wetwell safety grates in existing access door(s) in accordance with the Plans and Specifications.
- C. Payment: The payment quantity for Wetwell Safety Grates shall be on a unit price basis per each item, and shall be full compensation for all materials, labor, tools equipment and incidentals to acceptably construct this item in accordance with the Plans and Specifications.
- D. Scope of Bid Item: Wetwell Safety Grates include, but is not limited to the following:
1. Furnish and install retrofit safety grates into existing wetwell access doors, including necessary modifications to existing access doors and frames to

- render in full and complete the installation of the safety grates per manufacturer's recommended procedures and as specified herein.
2. Repair and patching of existing wetwell concrete surfaces, as necessary.
3. Hauling and disposing of all waste, unsuitable, and excess material in accordance with the Contract Documents.
4. Control/management of groundwaters during construction.
5. Verification of adjacent utilities.
6. And all other incidental work necessary to implement Wetwell Safety Grates complete, in place, and in accordance with the Contract Documents.

Bid Item No. 17 – New Wetwell Access Doors with Safety Grates

- A. Units: Each (EA)
- B. Measurement: Each fully furnished and installed spring-assisted, dual-leaf access door and safety grate assembly installed in precast concrete wetwell lids, including the removal and disposal of the existing door and any concrete patching/repair necessary to implement New Wetwell Access Doors with Safety Grates complete per the Plans and these Specifications.
- C. Payment: The payment quantity for New Wetwell Access Doors with Safety Grates shall be on a unit price basis per each item, and shall be full compensation for all materials, labor, tools equipment and incidentals to acceptably construct this item in accordance with the Plans and Specifications.
- D. Scope of Bid Item: New Wetwell Access Doors with Safety Grates include, but is not limited to the following:
 1. Replace existing wetwell access doors with new spring-assisted, dual-leaf access doors and safety grate assemblies, including necessary modifications to the precast concrete wetwell lids to render in full and complete the installation of the doors per manufacturer's recommended procedures and as specified herein.
 2. Saw-cutting, drilling, repair, or patching of existing wetwell concrete surfaces, and placement of concrete and cement-mortar grout materials, in accordance with the Plans and these Specifications.
 3. Hauling and disposing of all waste, unsuitable, and excess material in accordance with the Contract Documents.
 4. Control/management of groundwaters during construction.
 5. Verification of adjacent utilities.
 6. And all other incidental work necessary to implement New Wetwell Access Doors with Safety Grates complete, in place, and in accordance with the Contract Documents.

Bid Item No. 18 – New Valve Vault Access Doors

- A. Units: Each (EA)

- B. Measurement: Each fully furnished and installed spring-assisted, dual-leaf access door and installed in precast concrete valve vaults, including the removal and disposal of the existing door(s) and any concrete patching/repair necessary to implement New Valve Vault Access Doors complete per the Plans and these Specifications.
- C. Payment: The payment quantity for New Valve Vault Access Doors shall be on a unit price basis per each item, and shall be full compensation for all materials, labor, tools equipment and incidentals to acceptably construct this item in accordance with the Plans and Specifications.
- D. Scope of Bid Item: New Valve Vault Access Doors include, but is not limited to the following:
1. Replace existing valve vault access doors with new spring-assisted, dual-leaf access doors, including any necessary modifications to the precast concrete valve vaults to render in full and complete the installation of the doors per manufacturer's recommended procedures and as specified herein.
 2. Saw-cutting, repair, or patching of existing concrete surfaces, and placement of concrete and cement-mortar grout materials, in accordance with the Plans and these Specifications.
 3. Hauling and disposing of all waste, unsuitable, and excess material in accordance with the Contract Documents.
 4. Control/management of groundwaters during construction.
 5. Verification of adjacent utilities.
 6. And all other incidental work necessary to implement New Valve Vault Access Doors complete, in place, and in accordance with the Contract Documents.

Bid Item No. 19 – Lining Replacement

- A. Units: Square Feet (SF)
- B. Measurement: Square feet of lining/coating system furnished and installed to replace damaged portions of existing lift station linings, in accordance with the Plans and Specifications.
- C. Payment: The payment quantity for Lining Replacement shall be on a unit price basis per square foot, and shall be full compensation for all materials, labor, tools equipment and incidentals to acceptably construct this item in accordance with the Plans and Specifications.
- D. Scope of Bid Item: Lining Replacement shall include, but is not limited to the following:
1. Replace in kind portions of existing wetwell liners/coatings damaged or removed during any of the work proposed in the Contract Documents.
 2. Preparation of existing wetwell concrete surfaces and the portions of the existing liner to remain, following lining system manufacturer recommendations.
 3. Protection of all materials not to be coated.
 4. Collection of existing liner samples for material ordering.
 5. Control/management of groundwaters.

6. And all other incidental work necessary to implement Lining Replacement complete, in place, and in accordance with the Contract Documents.

END OF SECTION

EXHIBIT D

REFERENCE NOTES:

1 LINE EX. LIFT STATION WETWELL WITH EPOXY COATING PER SPECIFICATION SECTION 09 90 00. REFER TO TABLE 1, THIS SHEET, FOR EX. WETWELL DIMENSIONS. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO SUBMITTAL AND MATERIAL PROCUREMENT.

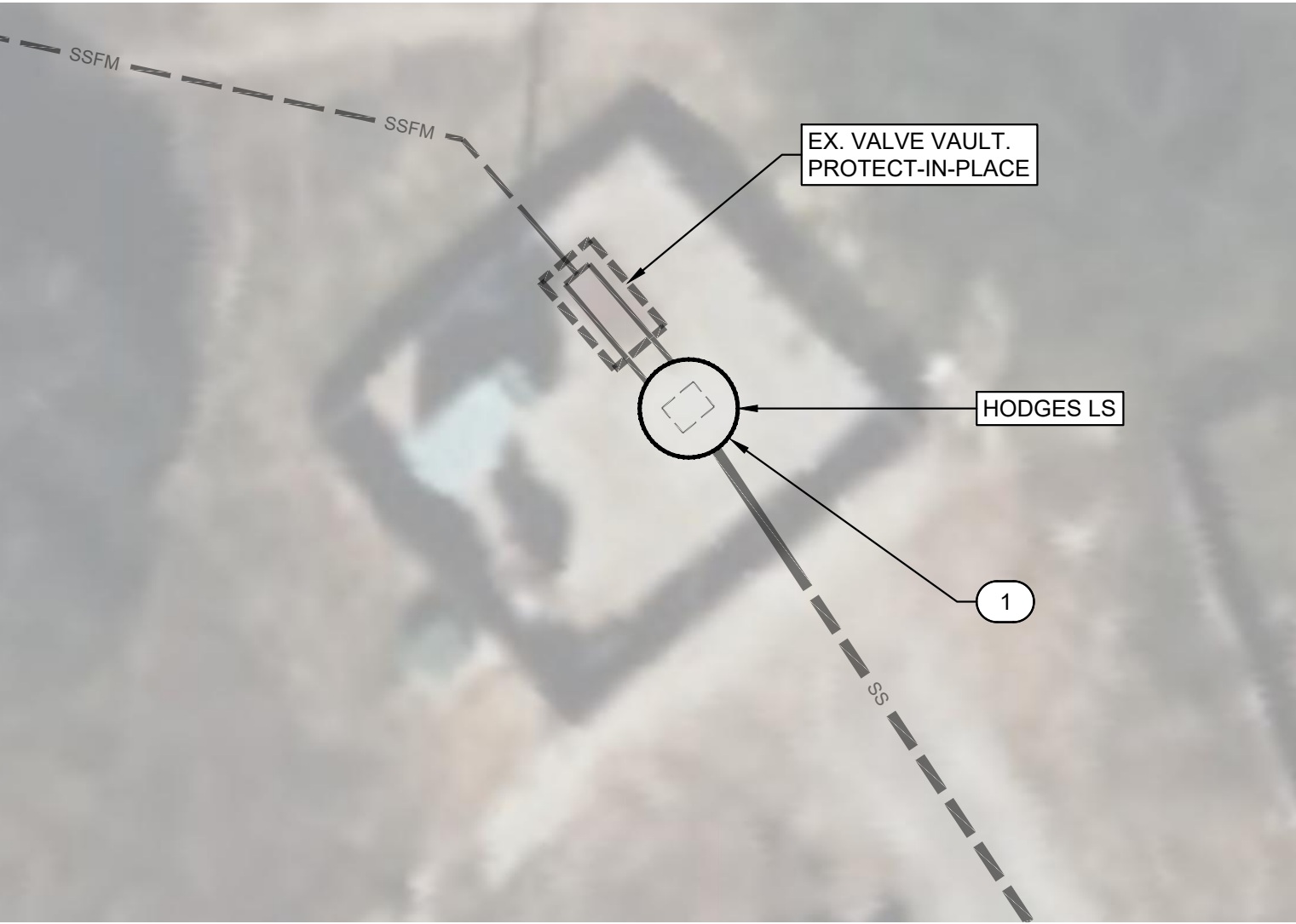
B	4/17/2025	ADDENDUM 3 - REVISED SEWER BYPASS FLOWS	ZCM
A	3/28/2025	ADDENDUM 1 - EX. LINING REPLACEMENT	ZCM
Rev.	Date	Description of Revisions	By

TABLE 1 - LIFT STATION LINING REHABILITATION

WETWELL ID	LEGACY ID	WETWELL SHAPE	DIA , D (FT)	LENGTH, L (FT)	WIDTH, W (FT)	DEPTH, H (FT)
HODGES LS	HODGES LS	CIRCULAR	6.0	N/A	N/A	13.0
AIRPORT LS	FRITZCHE LS	RECTANGULAR	N/A	8.0	8.0	11.0
NEESON LS	NEESON LS	RECTANGULAR	N/A	6.0	5.0	15.0
WITTENMYER LS	WITTENMYER LS	CIRCULAR	6.0	N/A	N/A	16.0
CRESCENT LS	LS 6	CIRCULAR	5.0	N/A	N/A	11.0
DUNES LS	LS 2	CIRCULAR	6.0	N/A	N/A	20.0

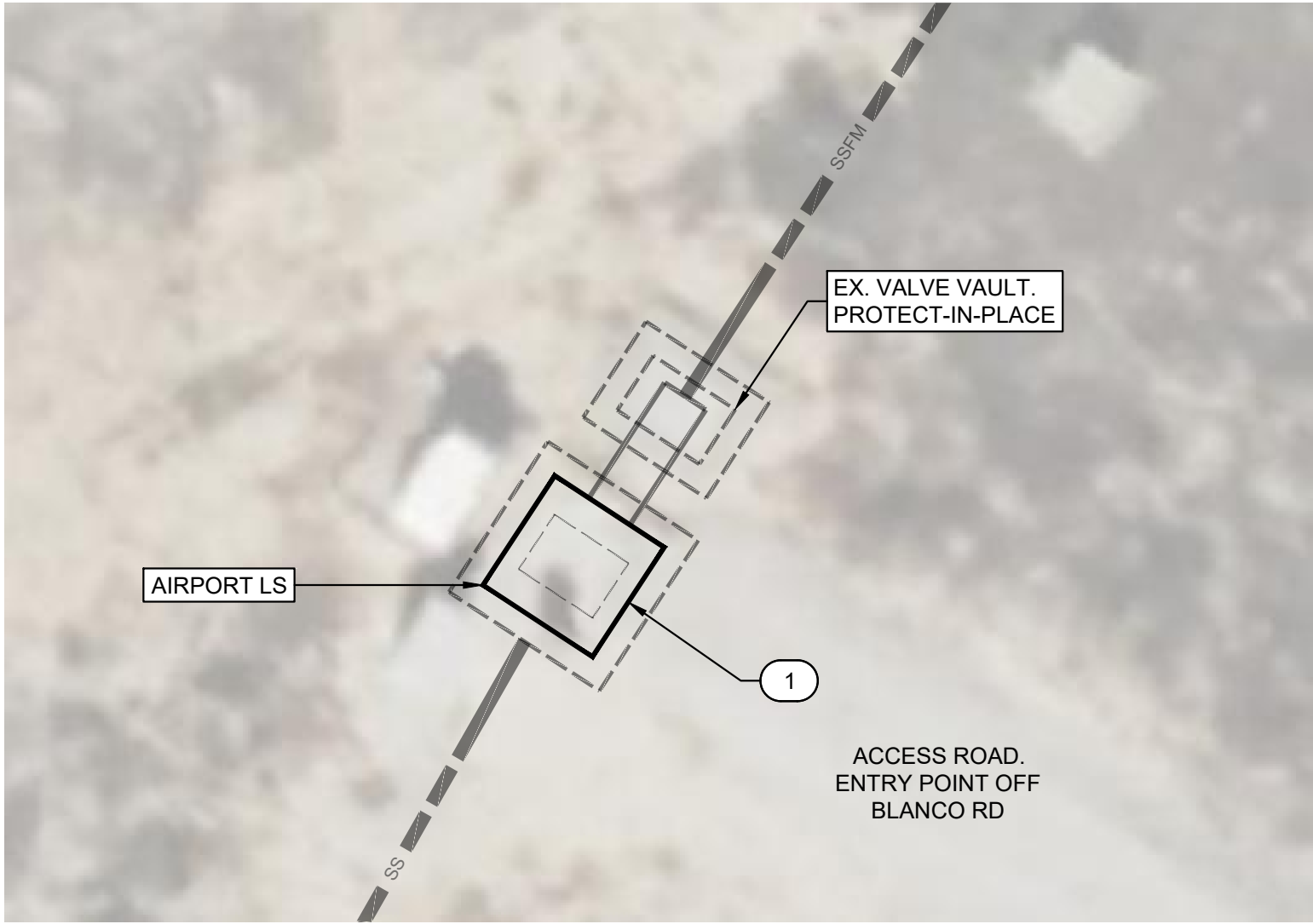
GENERAL NOTES:

- AERIAL IMAGERY IS SOURCED FROM ESRI LANDSAT IMAGING, AND IS PROVIDED FOR REFERENCE ONLY.
- SEWER INFRASTRUCTURE LOCATIONS AND SIZES ARE BASED ON AVAILABLE GIS DATA PROVIDED BY MARINA COAST WATER DISTRICT. CONTRACTOR TO VERIFY ALL DIMENSIONS AND MEASUREMENTS PRIOR TO SUBMITTAL AND ORDERING.
- ANTICIPATED SANITARY SEWER BYPASS FLOWS, PER LIFT STATION:
 - HODGES LIFT STATION: 15 GPM
 - AIRPORT LIFT STATION: 10 GPM
 - NEESON LIFT STATION: 10 GPM
 - WITTENMYER LIFT STATION: 25 GPM
 - CRESCENT LIFT STATION: 10 GPM
 - DUNES LIFT STATION: 550 GPM



1 HODGES LIFT STATION

SCALE: 1" = 10'



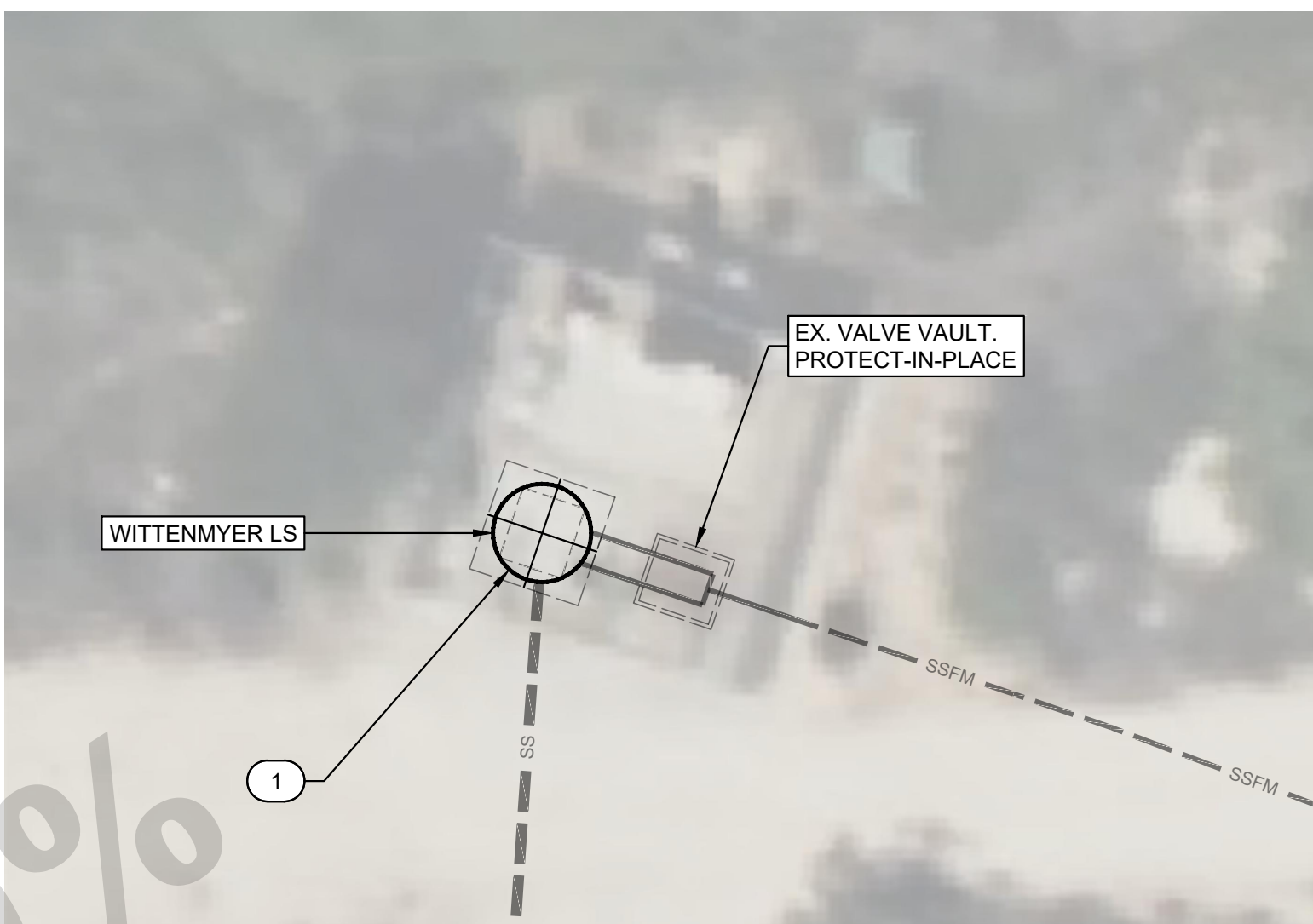
2 AIRPORT LIFT STATION

SCALE: 1" = 10'



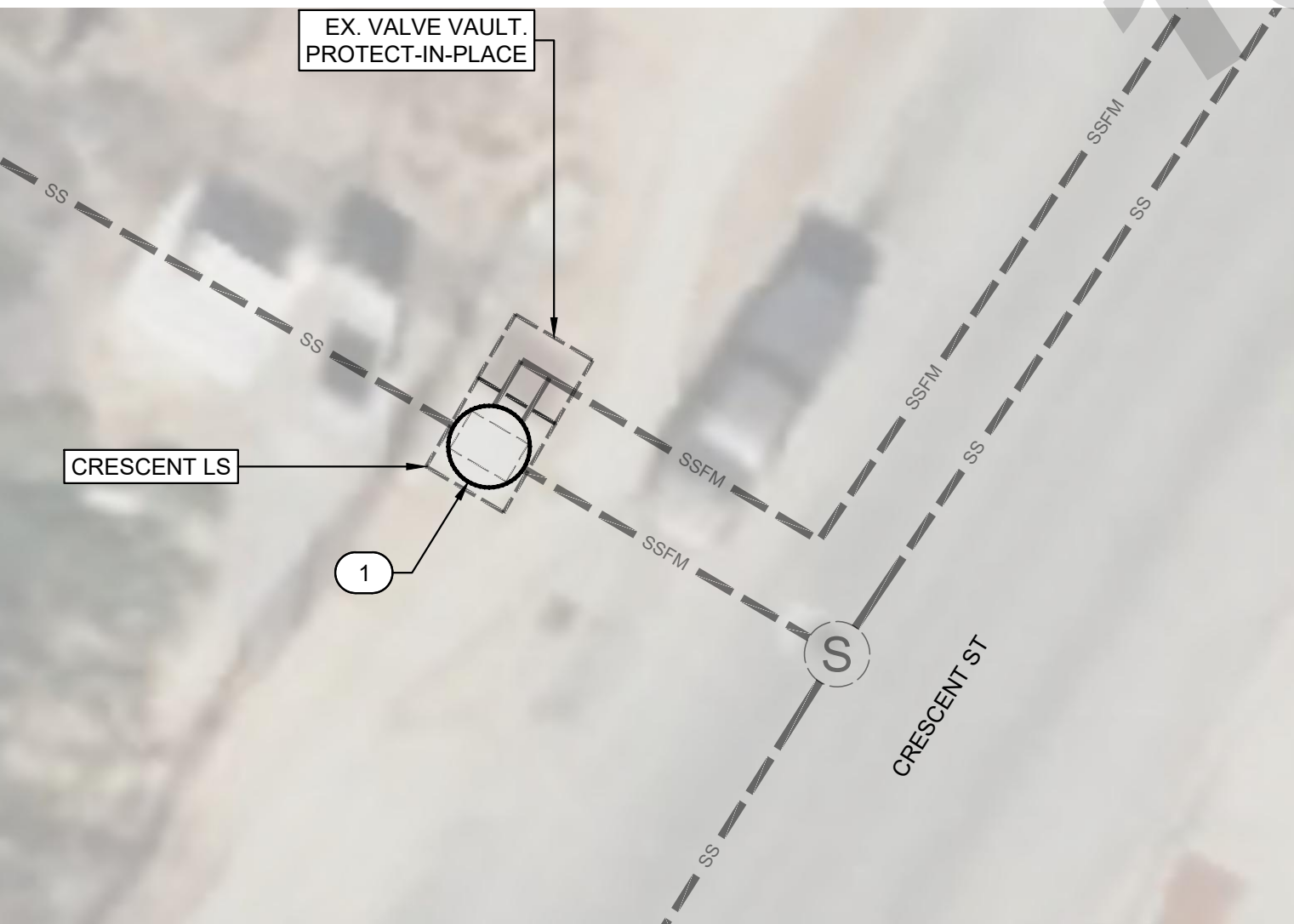
3 NEESON LIFT STATION

SCALE: 1" = 10'



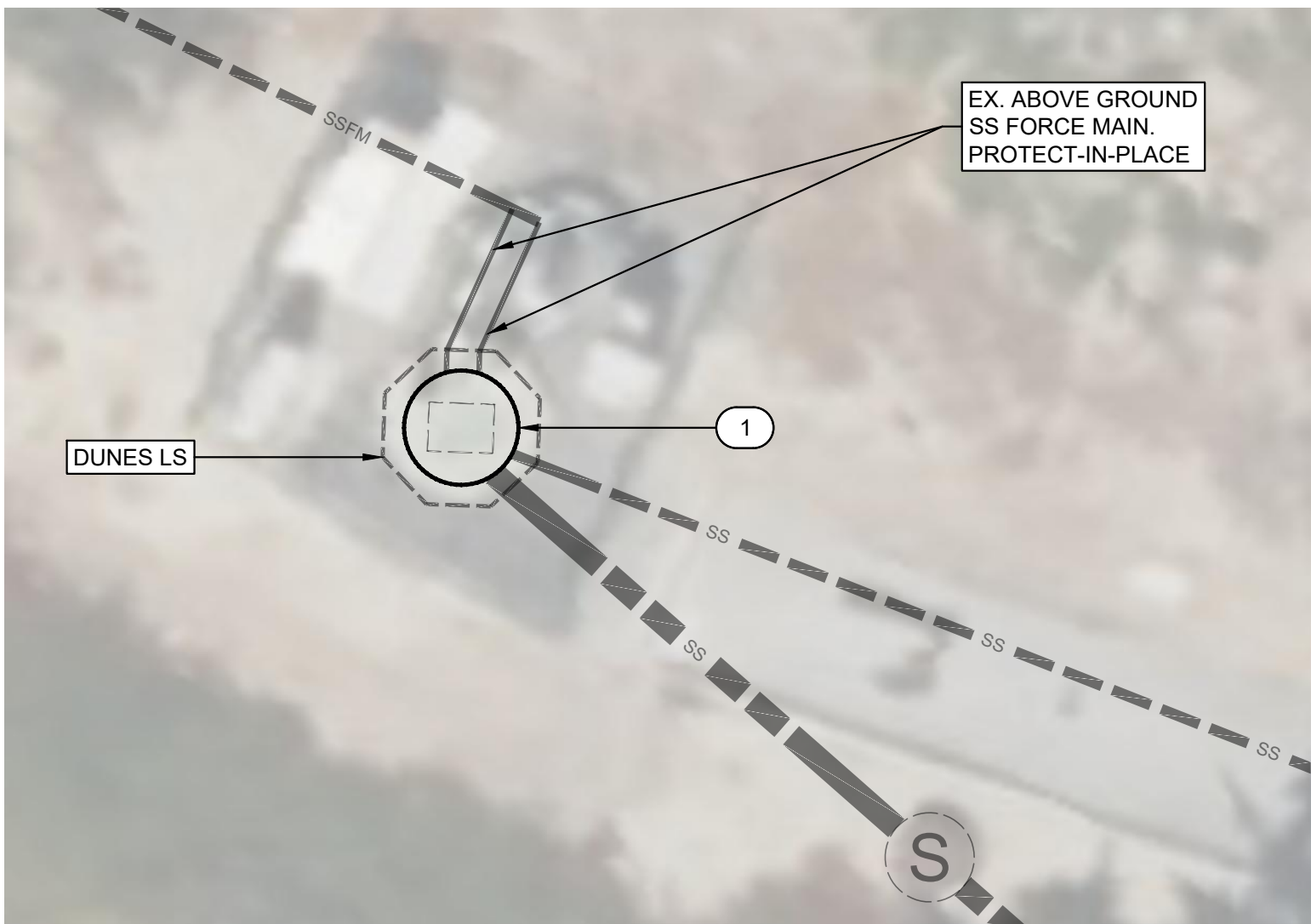
4 WITTENMYER LIFT STATION

SCALE: 1" = 10'



5 CRESCENT LIFT STATION

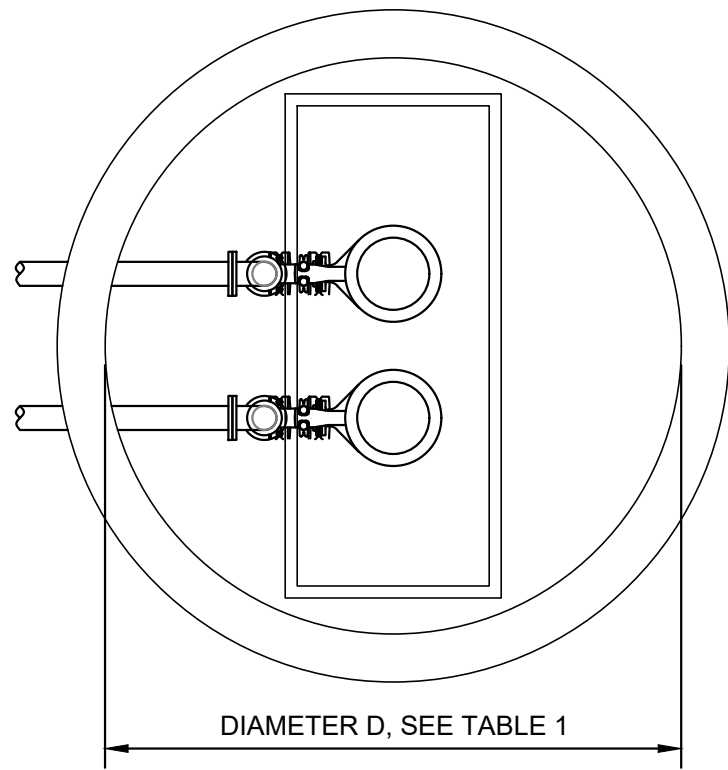
SCALE: 1" = 10'



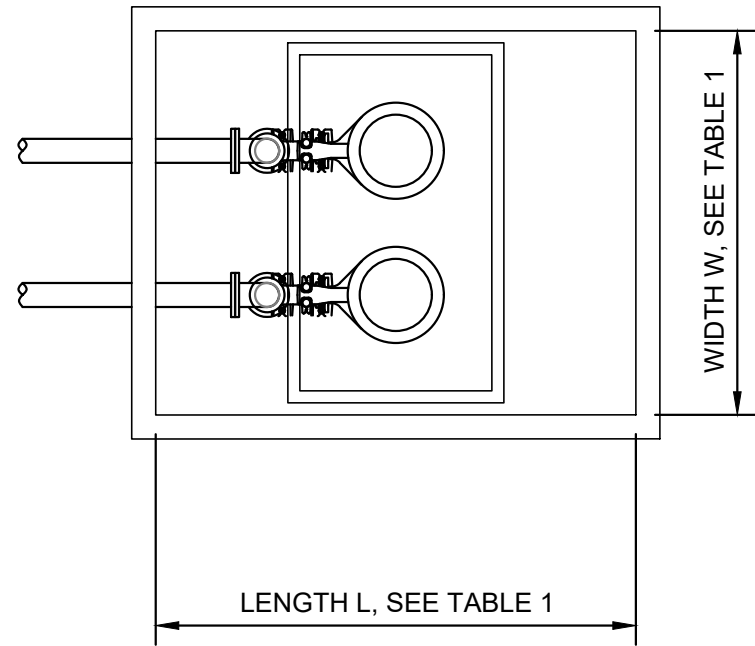
6 DUNES LIFT STATION

SCALE: 1" = 10'

CIRCULAR WETWELLS

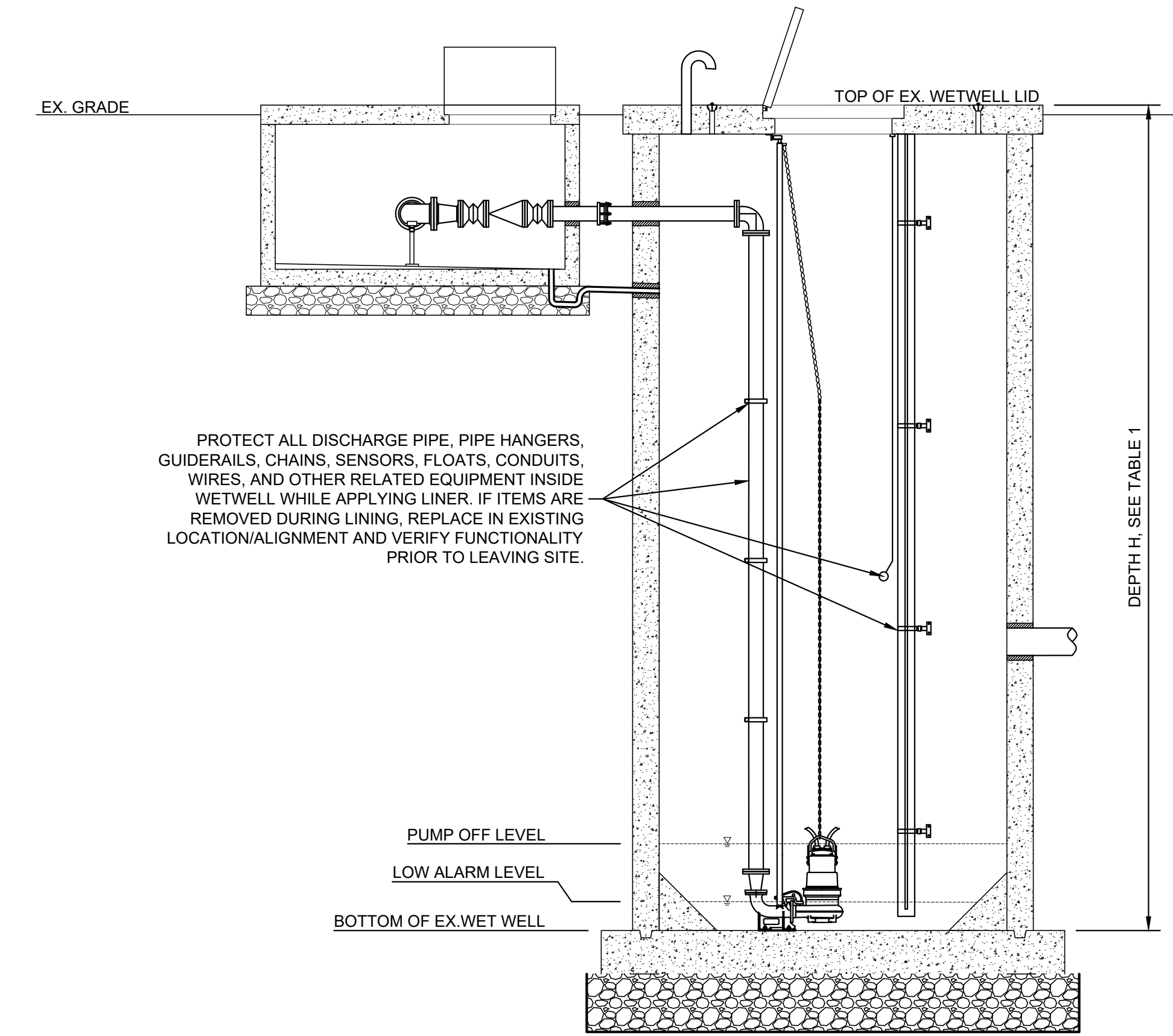


RECTANGULAR WETWELLS



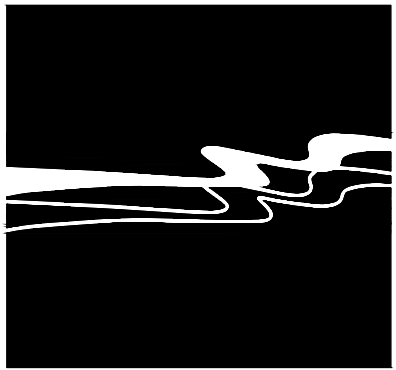
7 TYPICAL LIFT STATION WETWELL PLAN VIEW

SCALE: 1" = 4'



8 TYPICAL LIFT STATION PROFILE VIEW

SCALE: 1" = 4'



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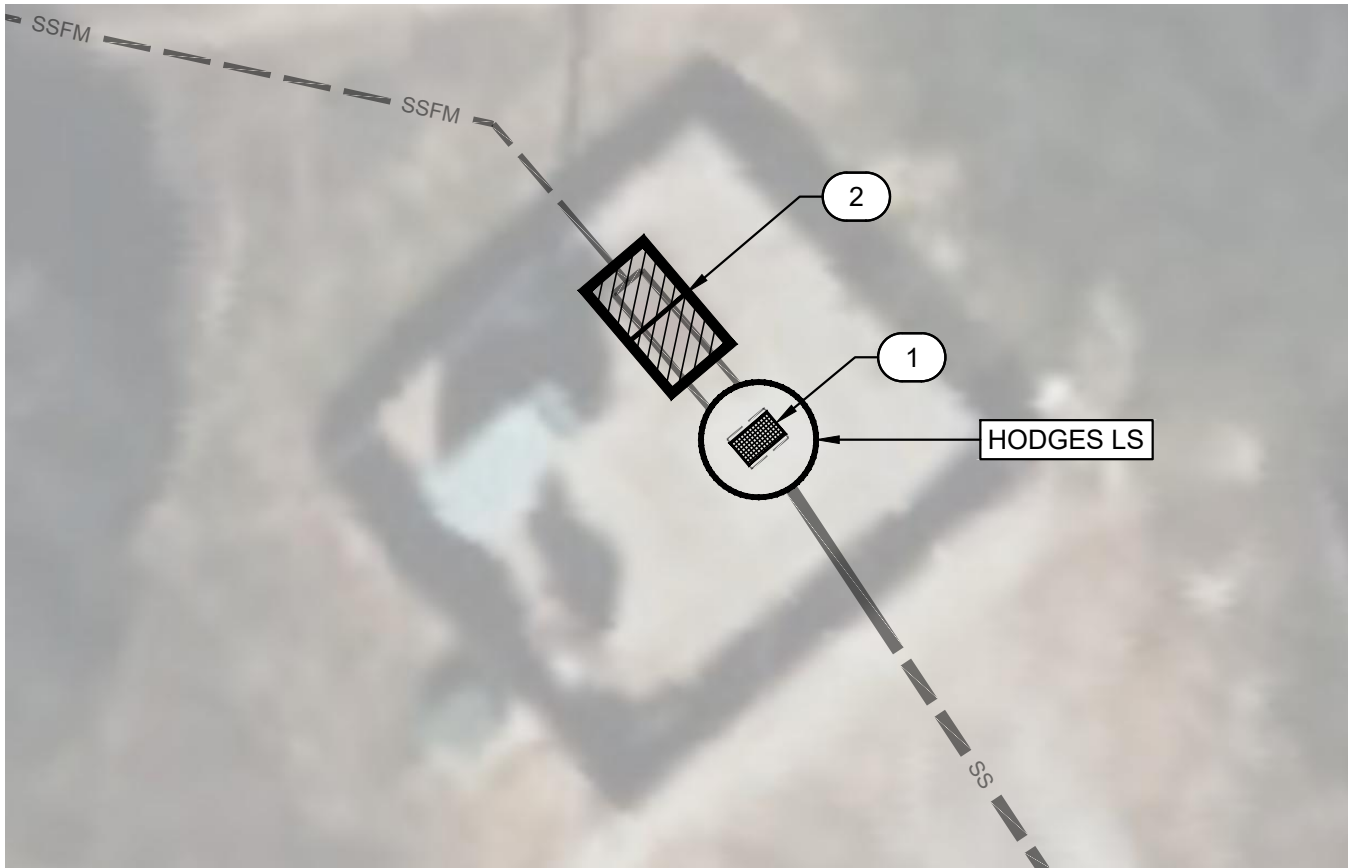
SIGNATURE

DATE SIGNED

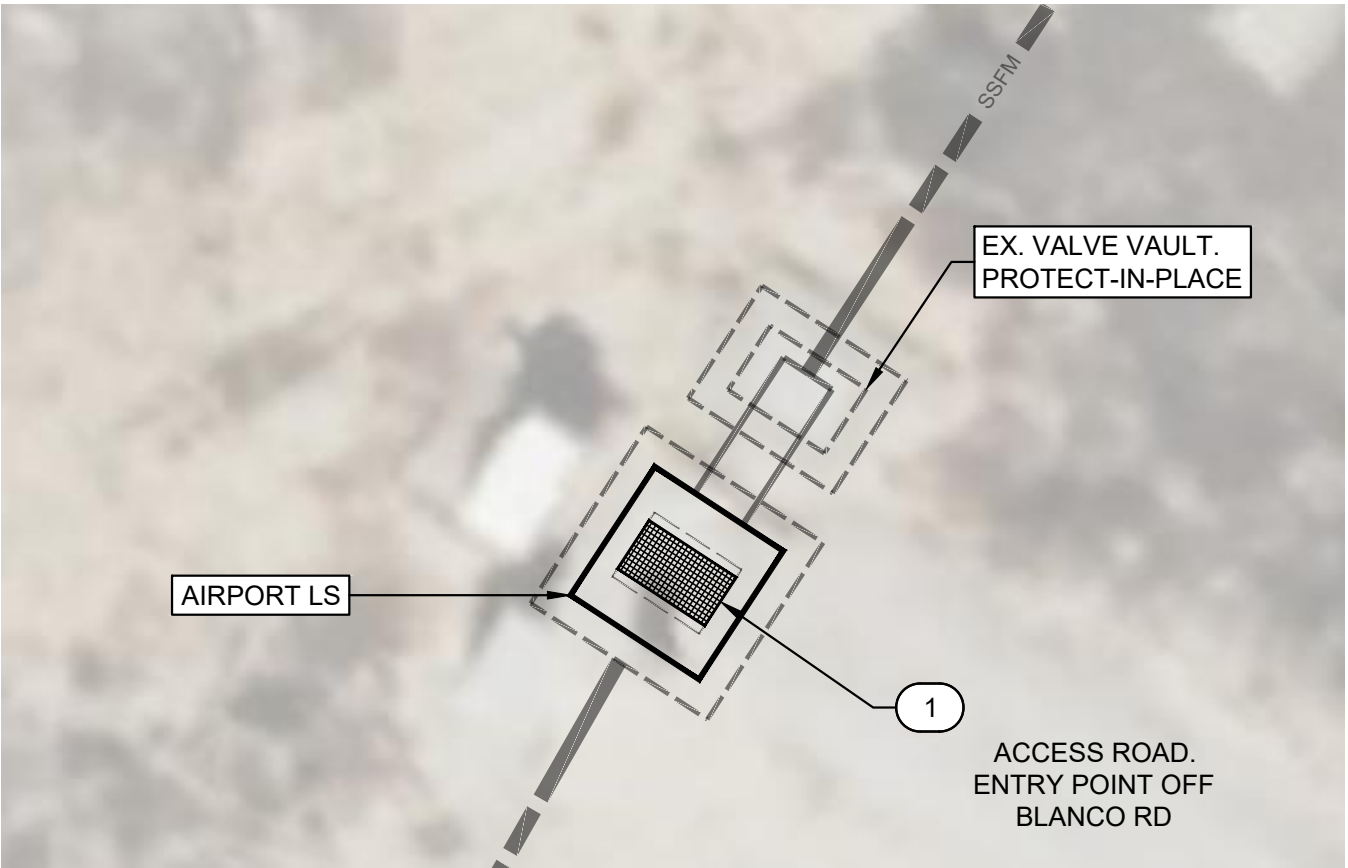
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MARINA COAST WATER DISTRICT
SANITARY SEWER LIFT STATION REHABILITATION
CIP GS-2531 SITE PLAN

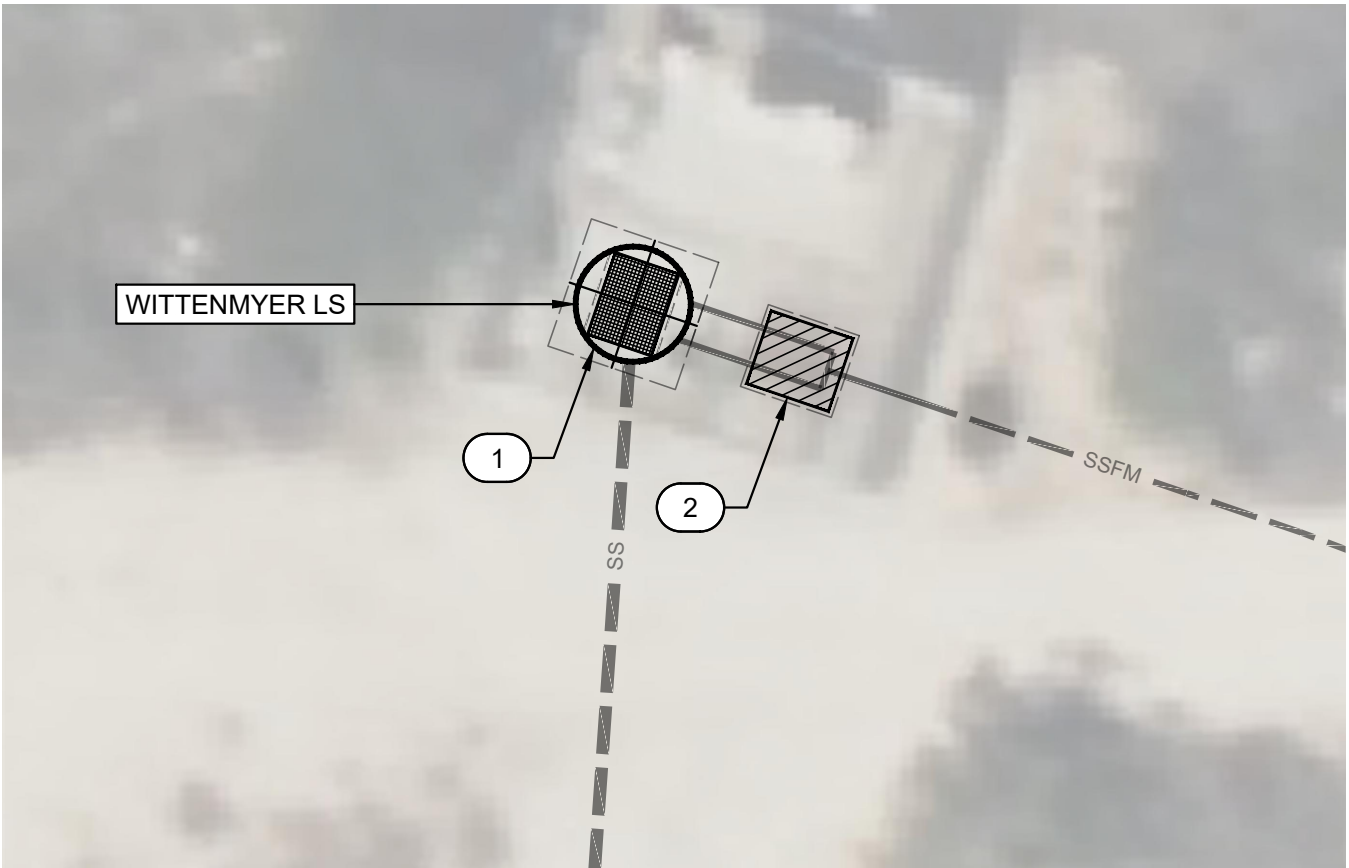
JOB #: 1045-0007-00
DESIGNERS: ZCM
DRAWN BY: ZCM
DATE: 04/22/25
DRAWING NO.
C-1.1
2 OF 6 SHEETS



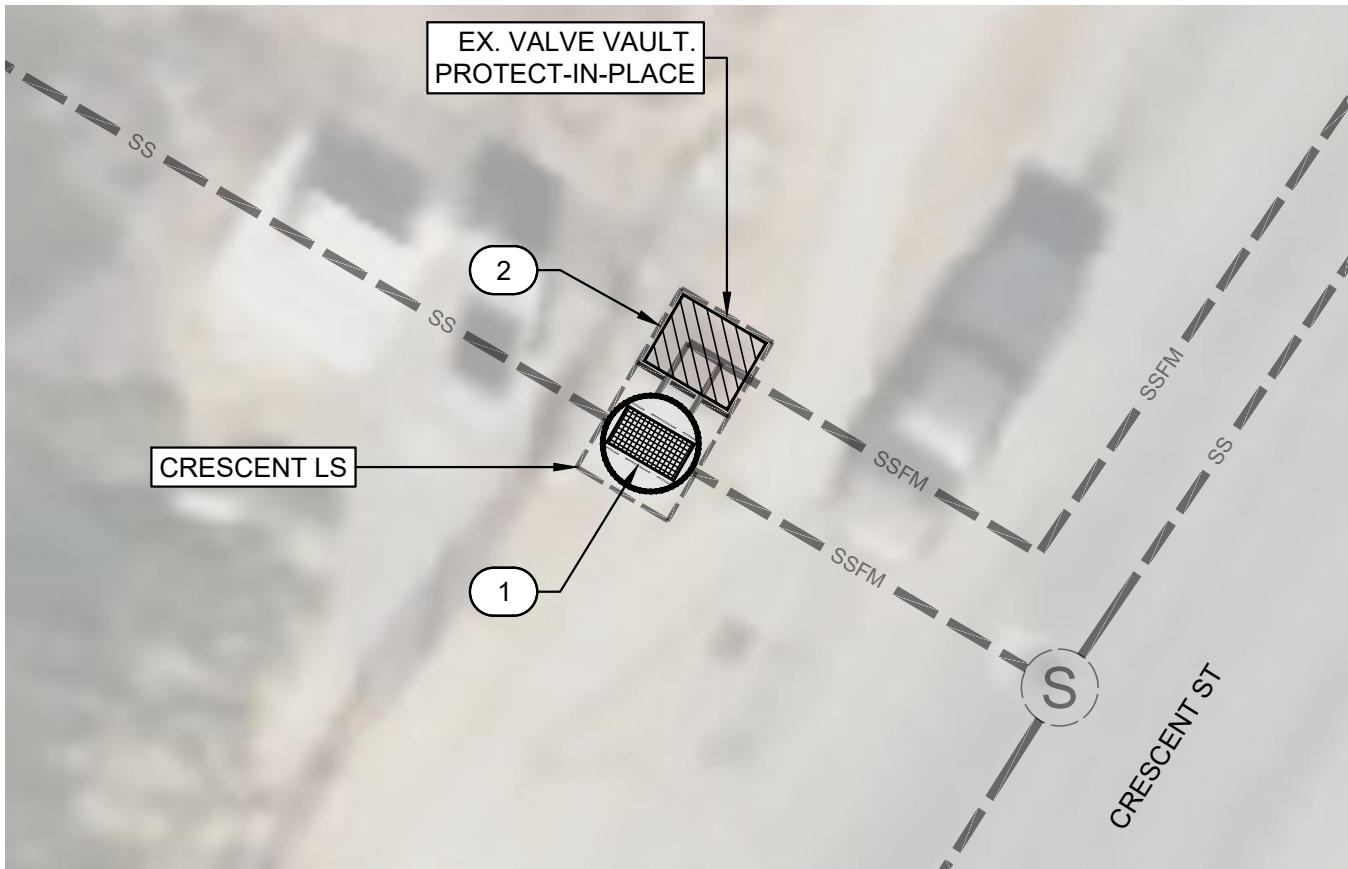
1 HODGES LIFT STATION SCALE: 1" = 10'



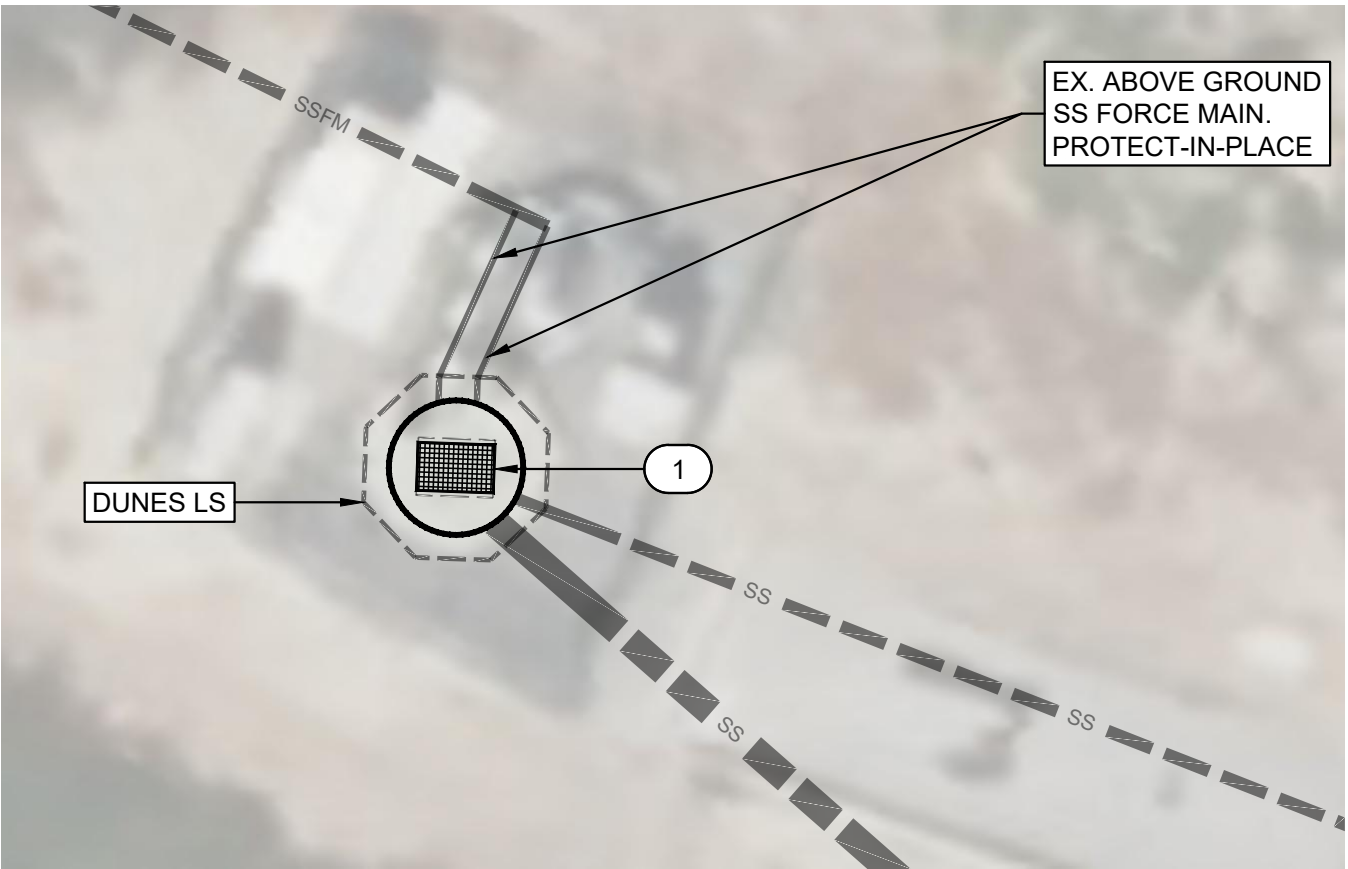
2 AIRPORT LIFT STATION SCALE: 1" = 10'



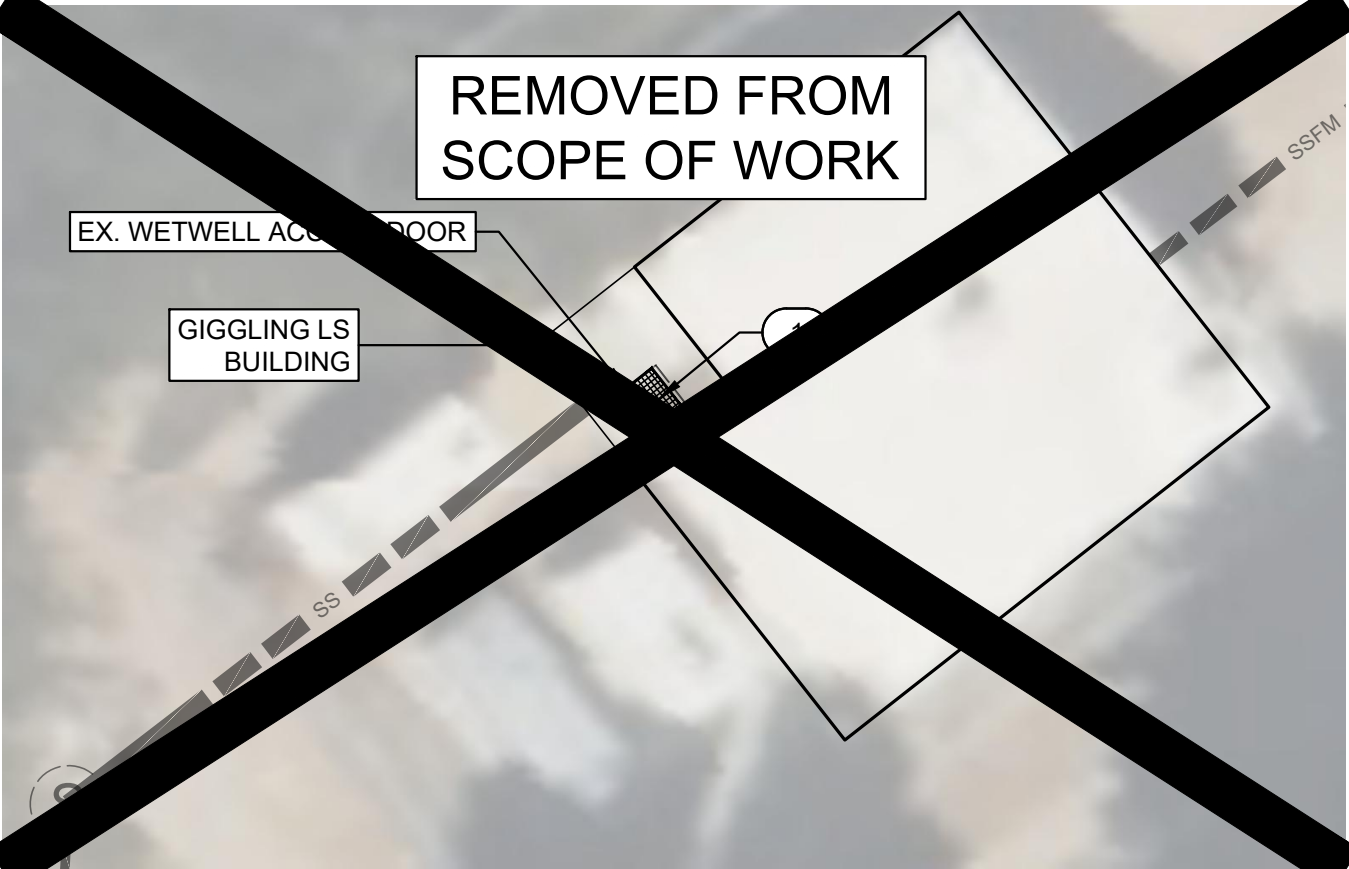
3 WITTENMYER LIFT STATION SCALE: 1" = 10'



4 CRESCENT LIFT STATION SCALE: 1" = 10'



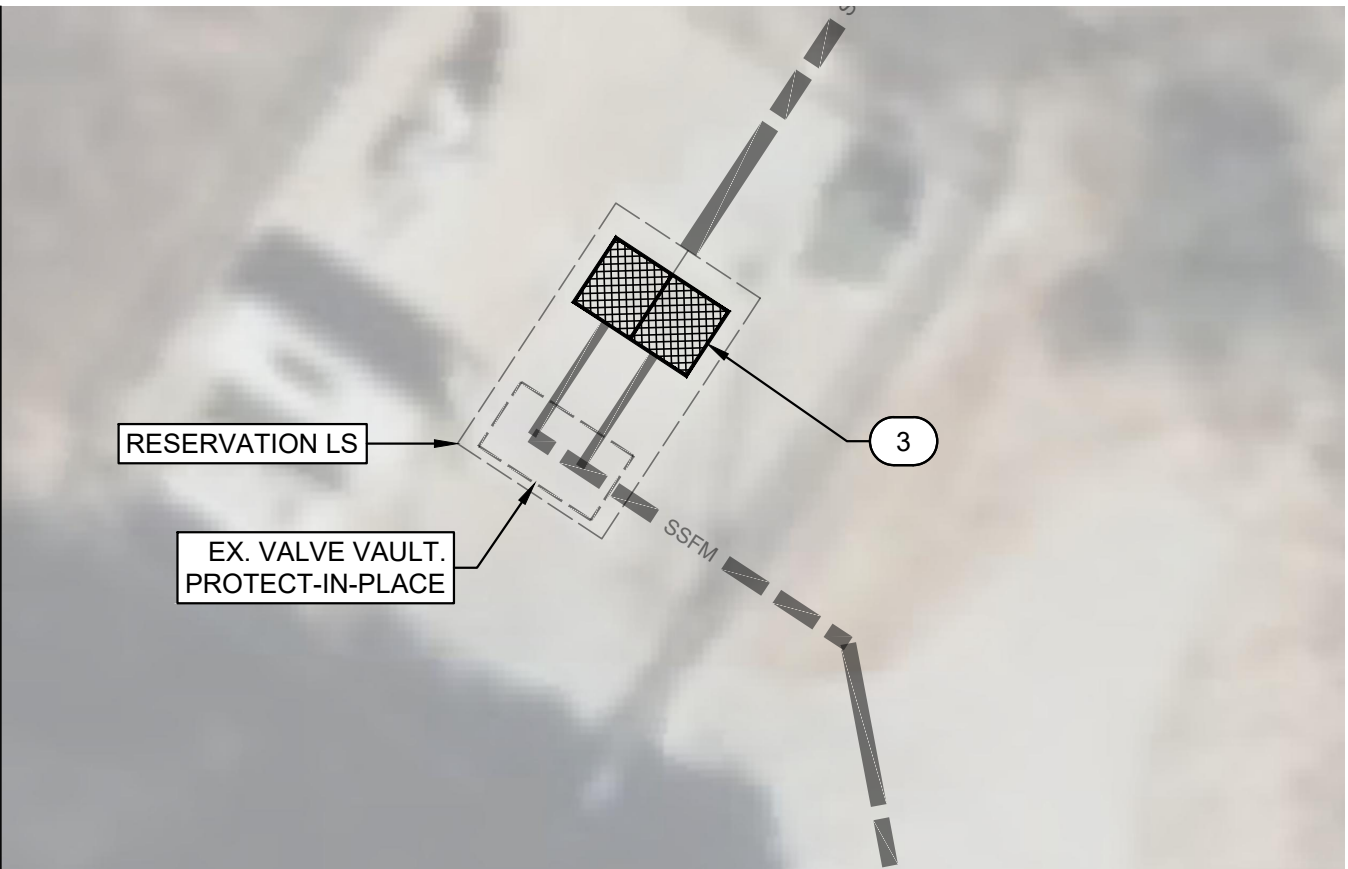
5 DUNES LIFT STATION SCALE: 1" = 10'



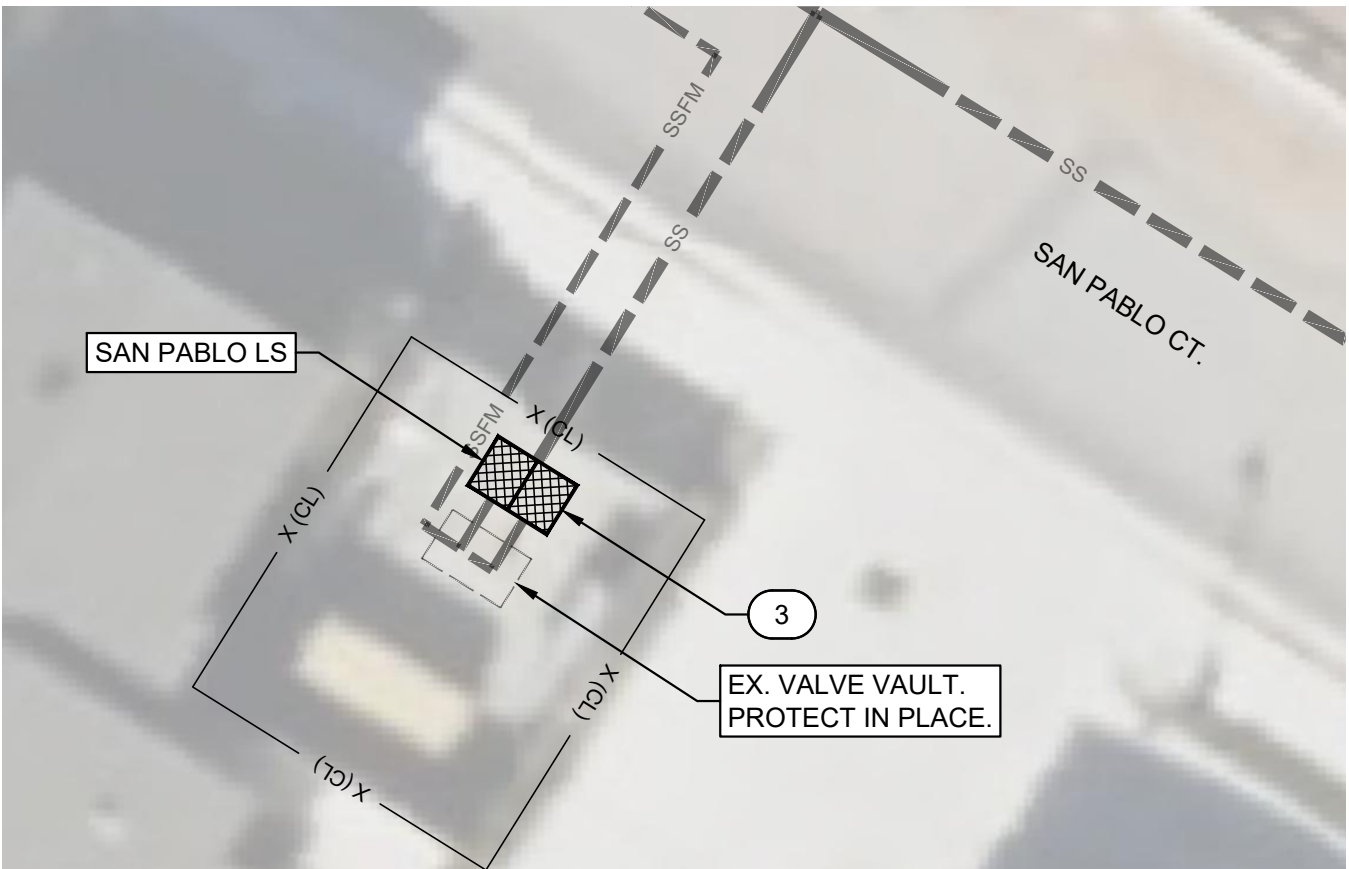
6 GIGGLING LIFT STATION SCALE: 1" = 10'



7 EAST GARRISON LIFT STATION SCALE: 1" = 10'

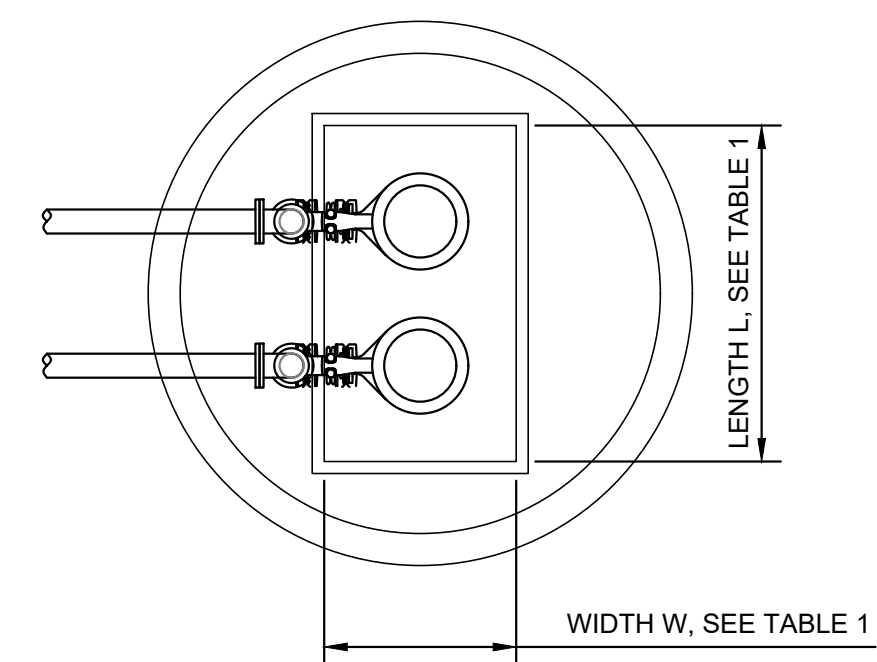


8 RESERVATION LIFT STATION SCALE: 1" = 10'



9 SAN PABLO LIFT STATION SCALE: 1" = 10'

CIRCULAR WETWELLS



10 WETWELL ACCESS DOOR DIMENSIONS - PLAN VIEW SCALE: 1" = 4'

RECTANGULAR WETWELLS

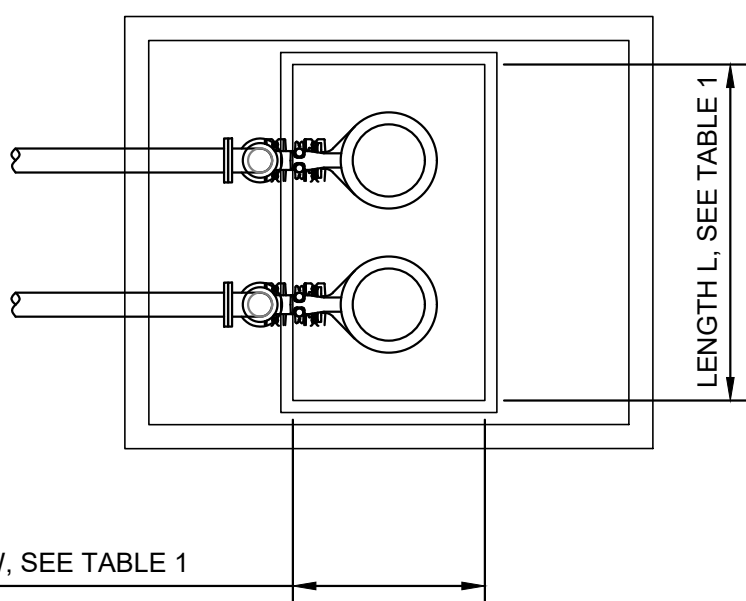


TABLE 1 - WETWELL ACCESS DOOR/SAFETY GRATE DIMENSIONS

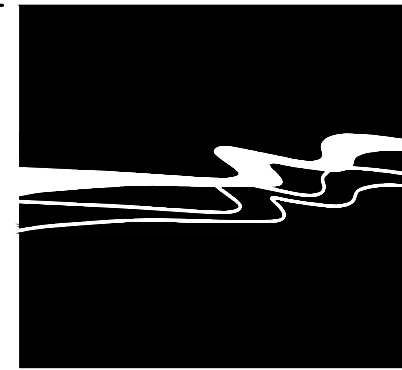
WETWELL ID	LEGACY ID	DOOR STYLE	LENGTH, L (IN)	WIDTH, W (IN)
HODGES LS	HODGES LS	DOUBLE LEAF	60.0	48.0
AIRPORT LS	FRITZCHE LS	DOUBLE LEAF	62.5	46.0
WITTENMYER LS	WITTENMYER LS	DOUBLE LEAF	54.0	48.0
CRESCENT LS	LS 6	SINGLE LEAF	48.0	32.0
DUNES LS	LS 2	SINGLE LEAF	48.0	36.0
EAST GARRISON LS	EGLS	SINGLE LEAF	48.0	30.0
RESERVATION LS	RESERVATION LS	DOUBLE LEAF	72.0	48.0
SAN PABLO LS	LS 3	DOUBLE LEAF	58.0	36.0

REFERENCE NOTES: (xx)

- 1 PROVIDE NEW WETWELL SAFETY GRATE IN EX. ACCESS DOOR OPENING PER SPECIFICATION SECTION 08 31 13. HALLIDAY SERIES X RETRO-GRATE OR APPROVED EQUAL. REFER TO TABLE 1, THIS SHEET, FOR EXISTING WETWELL ACCESS DOOR OPENING DIMENSIONS.
- 2 REPLACE EX. VALVE VAULT DOORS WITH NEW SPRING-ASSISTED, DUAL-LEAF TRAFFIC RATED ACCESS DOORS. HALLIDAY SERIES S2R, OR APPROVED EQUAL. REFER TO SPECIFICATION SECTION 08 31 13.
- 3 REPLACE EX. ACCESS DOOR WITH NEW SPRING-ASSISTED, DUAL-LEAF ACCESS DOORS. HALLIDAY SERIES S2R, OR APPROVED EQUAL. TIE NEW ACCESS DOOR FRAME INTO EX. PRE-CAST CONCRETE WETWELL LID. CONTRACTOR TO PROVIDE TIE-IN DETAIL IN ACCORDANCE WITH SPECIFICATION SECTION 08 31 13. ALL NEW WETWELL ACCESS DOORS SHALL BE EQUIPPED WITH SAFETY GRATES.

GENERAL NOTES :

1. CONTRACTOR TO VERIFY ALL DIMENSIONS OF WETWELL AND VAULT ACCESS DOORS AND FRAMES AND SAFETY GRATING PRIOR TO SUBMITTAL AND ORDERING.
2. NO BYPASSING IS ANTICIPATED FOR THIS WORK. WORK CAN BE PERFORMED WHILE LIFT STATIONS ARE ACTIVE.
3. EX. WETWELL LININGS/COATINGS SHALL BE PROTECTED-IN-PLACE DURING INSTALLATION OF SAFETY GRATES AND ACCESS DOORS. IF PORTION OF LINING/COATING NEEDS TO BE REMOVED, CONTRACTOR SHALL REPLACE IT IN KIND FOLLOWING MANUFACTURER RECOMMENDATIONS AND SPECIFICATION SECTION 09 90 00.



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SIGNATURE

DATE SIGNED

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MARINA COAST WATER DISTRICT
SANITARY SEWER LIFT STATION REHABILITATION
CIP GS-2532 SITE PLAN

JOB #: 1045-0007-00
DESIGNERS: ZCM
DRAWN BY: ZCM
DATE: 04/22/25
DRAWING NO.
C-1.2
3 OF 6 SHEETS

Rev.	Date	Description of Revisions	By
B	4/17/2025	ADDENDUM 3 - REVISED SEWER BYPASS FLOWS	ZCM
A	3/28/2025	ADDENDUM 1 - EX. LINING REPLACEMENT	ZCM