Callinas VALLEY SANITARY DISTRICT

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

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

ADDENDUM NO. 1

Date: July 31, 2023

Project: Biosolids Land Application Services

Job No.: 21500-08

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 July 2023.

- 1. <u>Bid Opening</u>: Refer to NOTICE INVITING SEALED BIDS, Paragraph 2, Page 1-1: Bid opening has been rescheduled for **Monday**, **August 7**, **2023 at 11:00 AM**.
- 2. Volume 2 Bid Documents, Bid Schedule Page 2-7 Replace Bid Item No. 2 Paragraph 1 Item No. 2. Biosolids Land Application: This unit price proposal item shall be the cost per dry ton of biosolids removed from the sludge storage ponds and reused and shall include all labor, materials, equipment and environmental permitting and monitoring necessary to legally extract, dewater, analyze, load, transport, monitor, and beneficially reuse wastewater biosolids through land application. The quantity of biosolids removed from the sludge storage lagoons site is calculated for each day that biosolids are removed based on the total wet tons removed multiplied by the percent of dry solids in the representative daily sample of biosolids. The total quantity that the District anticipates will need to be removed annually is approximately 280 dry tons. The actual quantity of biosolids that can be land applied may vary and remaining biosolids would be disposed of under a separate bid item.
- 2. Volume 2 Bid Documents, Bid Schedule, Page 2-7 Replace Bid Item No. 2 Paragraph 3
 Payment for wastewater biosolids removal shall be on a dry weight basis per standard English ton (2,000 lbs.) of wastewater biosolids removed from the sludge storage lagoons site and properly reused or disposed. Dry weight shall mean 100 percent solids and zero percent moisture. The Contractor shall be responsible for determining the total wet tonnage of wastewater biosolids loaded onto transport trucks and hauled offsite to District reuse/disposal and shall provide copies of the certified weight tickets identifying the total wet tonnage of the hauled material, as well as the actual gross and tare weights of each load removed from the sludge storage lagoons site. Weight tickets shall be issued by a NTEP (National Type Evaluation Program) certified vehicle scale. Use of approximate tare weights for trailers or the portable on-site truck scale will not be allowed as a basis for payment.
- 3. Volume 2 Bid Documents, Bid Schedule, Page 2-8 Replace Bid Item No. 4 Paragraph 1 Item 4: Biosolids Subsurface Injection: The dredged Class B biosolids that cannot be applied on APN 155-011-33, will be subsurface injected on the District's permitted 9-acre Dedicated Land Disposal or "DLD" area located adjacent to the sludge storage ponds. This unit price proposal item shall be the cost per dry ton of biosolids removed from the

sludge storage ponds and injected at the District's Designated Land Disposal (DLD) Site and shall include all labor, materials, equipment and environmental permitting and monitoring necessary to legally extract, dewater, analyze, load, transport, monitor, and disposal of biosolids. The quantity of biosolids removed from the <u>sludge storage lagoons</u> site is calculated for each day that biosolids are removed based on the total wet tons removed multiplied by the percent of dry solids in the representative daily sample of biosolids. The total quantity that the District anticipates will need to be disposed of through injection of equal methods annually is estimated at 100 dry tons.

4. Volume 2 Bid Documents, Bid Schedule, Page 2-8 Replace Bid Item No. 4 Paragraph 3
Payment for wastewater biosolids removal shall be on a dry weight basis per standard English ton (2,000 lbs.) of wastewater biosolids removed from the sludge storage lagoons site and properly reused or disposed. Dry weight shall mean 100 percent solids and zero percent moisture. The Contractor shall be responsible for determining the total wet tonnage of wastewater biosolids loaded onto transport trucks and hauled offsite to District reuse/disposal and shall provide copies of the certified weight tickets identifying the total wet tonnage of the hauled material, as well as the actual gross and tare weights of each load removed from the sludge storage lagoons site. Weight tickets shall be issued by a NTEP (National Type Evaluation Program) certified vehicle scale. Use of approximate tare weights for trailers or the portable on-site truck scale will not be allowed as a basis for payment.

Questions Received from Proposers/Bidders:

The following questions were submitted on or before 7/27/2023, questions that are received after the bid questions deadline may not be answered in addendum. LGVSD responses to the questions are in bold.

1. Page 28 - "Request the addition of the following language to Section 4. and the same language be incorporated into Section 7.1 of the General Terms and Conditions of the contract.

"Parties mutually agree that Liquidated Damages shall not apply to any delay resulting from or occurring, as a result of a Force Majeure event, or circumstance beyond the control of either party."

Response: No contract revisions required. Per General Conditions Section 7.2 – No Damage for Delay Beyond District and Contractor Control, Contractor shall not be liable for delays beyond the control of both the District and Contractor, such as acts of God (force majeure).

2. Page 33-34 - Request that Section 7.2 be amended to include the following language;
" a change in Federal, State, or local law or ordinance; orders or judgments of any
Federal, State or local court, administrative agency or governmental body; change
in permit conditions or requirements;"

Response: No contract revisions required. Per General Conditions Section 7.2 – No Damage for Delay Beyond District and Contractor Control, Contractor shall not be liable for delays beyond the control of both the District and Contractor, such as acts of other government entities.

3. Page 70- Request the additional language be added to Section11.2.1.6

"District and Contractor agree in advance that if the District exercises its discretionary right to terminate for convenience, the District will pay Contractor for expenses incurred because of early termination. These expenses include, but are not limited to, recovery of capital costs, , demobilization, employee severance payments and costs to terminate subcontractors and equipment leases."

Response: The suggested modification would require District legal counsel review and approval after award of a contract to the selected contractor.

4. Will the District agree in advance, to provide selected Contractor with Notice to Proceed on the work within 60 days from the Notification of Award? If not, will the District allow the Contractor to adjust its pricing based on the current market conditions at the time of NPT?

Response: The District intends to issue a Notice to Proceed shortly after award of contract (Notice of Award) by the District Board and submittal of necessary award forms such as signed agreement and bonds by the selected contractor.

5. Have the material specified in the Scope of Work been tested for PFAS / PFOA or other substances regulated by 40 CFR 503? If so, will the district share the results of these test with the selected contractors?

Response: The materials are Class B Biosolids. The materials specified in the scope of work are routinely tested per the District's permit requirements, and information can be found in the annual biosolids reporting. There is no known regulatory requirement for the District to test its class B Biosolids for PFAS/PFOA. The District will share the results of these tests with the selected contractor.

6. Does the District have plans scheduled to test the materials specified in the Scope of Work for PFAS / PFOA or other substances regulated by 40 CFR 503 during the term of this contract?

Response: There is no known regulatory requirement for the District to test its class B Biosolids for PFAS/PFOA. Per Section 01100 Summary of Work, item 1.04 D.2, other substances to be tested for are defined in the District's NOA, attached to the Bid Documents.

7. Summary of work 1.04 (A)f(2) mentions that contractor shall coordinate with the District on the timing of land application in relation to active farming activities. Would the nitrogen requirement (lbs of N/acre) of the field based on crop grown be provided by the

District? In other words, who would be responsible for the compliance of Monitoring & Reporting Program from SFBRWQCB?

Response: Contractor is responsible for compliance with the Monitoring and Reporting Program associated with the NOA, per Section 01100 Summary of Work, item 1.04 D.2.b.

8. Can you explain the summary of work (1.05), about the type of support required from contractor?

Response: Assume level of effort responding to up to two (2) requests for information or up to eight (8) hours for collaborating with the Research Project Team. Collaboration may include, but is not limited to:

- Coordination of Contractor's planned work schedule and Research Project Team's sampling needs and schedule.
- Research Project Team may be onsite from time to time while Contractor is on site and "interview" the Contractor's operator for the purpose of informing Research Project needs.
- Request from Research Project Team for the Contractor to grab an extra sample (District to provide sampling containers) of the biosolids during extraction of the biosolids from the storage lagoons, as well as the biosolids cake product downstream of dewatering; Research Project Team may also request Contractor provide a sample of polymer being used in its dewatering process.
- 9. Will district extend bid and questions due date? With the short time frame, more time will be needed.

Response: See Item 1 above for the rescheduled bid opening date and time.

10. Is there an alternate route to avoid the weight restricted bridge? Our equipment exceeds bridge weight restrictions.

Response: The bridge is rated for H-20 loading. Contractor shall deliver equipment components separately in order to stay below the rated capacity.

11. At the 7/24/23 site walk, an attendee requested a copy of the sludge storage lagoons asbuilt drawing which show the pond elevations, including liner elevation and pond bottom elevations.

Response: See Attachment 1 As-Built for sludge storage lagoon drawings.

12. At the 7/24/23 site walk, an attendee asked about means/methods to apply biosolids to the Dedicated Land Disposal (DLD) Site.

Response: The application of biosolids must meet conditions in the Notice of Availability (NOA) included in Volume 2 Bid Documents Appendix G Permits.

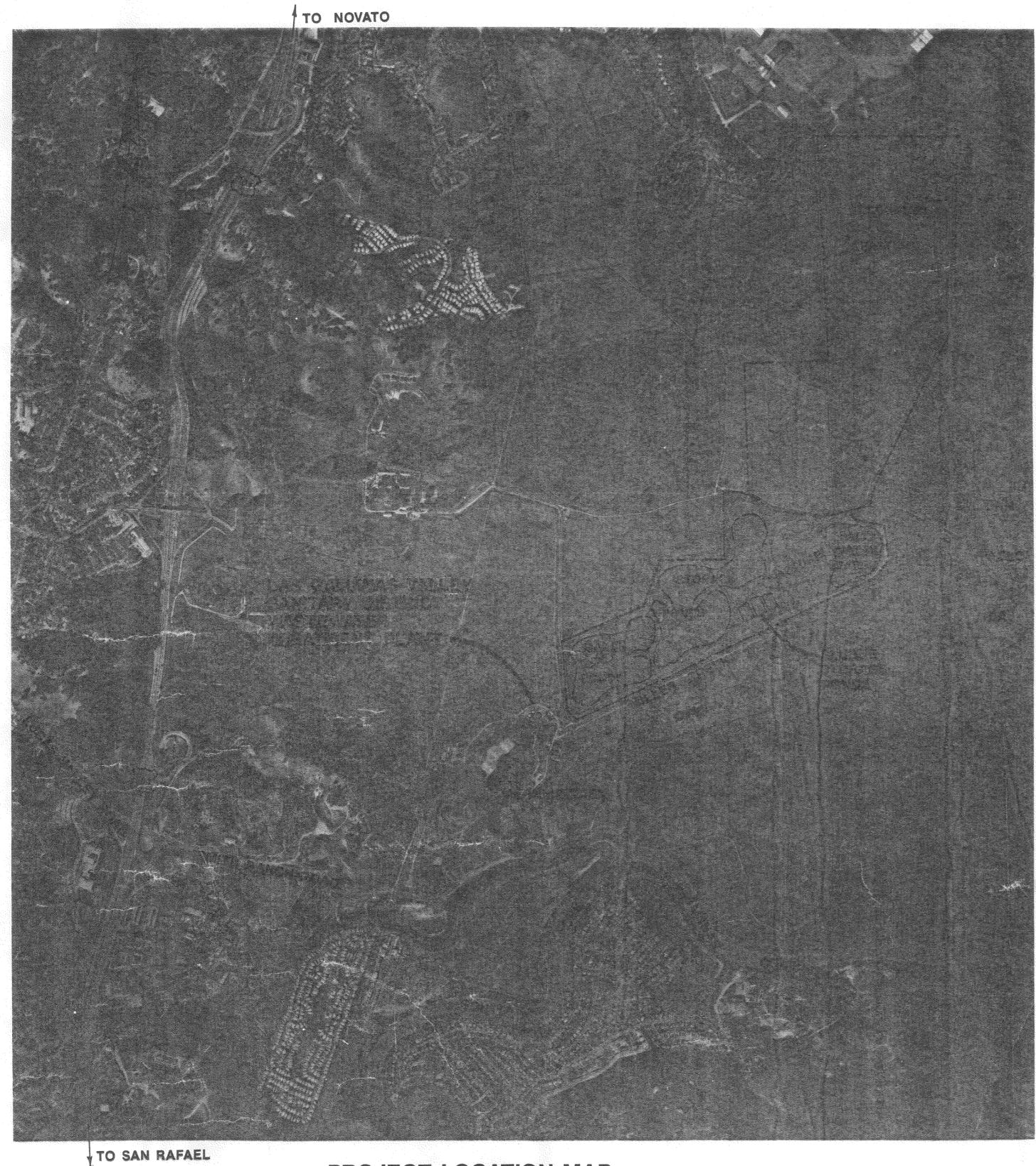
This addendum consists of seventeen (17) pages including this page and attachments. Acknowledge

Addendum No. 1 Biosolids Land Application Services July 31, 2023

receipt of this addendum in the space provided on page 2-5, 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:	
Michaelpins		
Michael P. Cortez, P.F. District Engineer	(Authorized Signature)	(Date)

Attachment 1 As-Built for Sludge Storage Lagoons



PROJECT LOCATION MAP



SCALE IN FEET

ALL ELEVATIONS ON THESE PLANS REFER TO USC & GS MEAN SEA LEVEL DATUM.

Construction contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property; that this requirement shall be made to apply continuously and not be limited to normal working hours, and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in configuration with the performance of work on this project, excepting liability arising from the sole negligence of design

LAS GALLINAS VALLEY SANITARY DISTRICT

MARIN COUNTY, CALIFORNIA

PLANS

FOR THE CONSTRUCTION OF

SLUDGE STORAGE POND IMPROVEMENTS

DISTRICT BOARD

DOUGLAS A. COLBERT - VICE PRESIDENT LEON EDDINGS BERNIE B. HEARE SESTO F. LUCCHI

BARBARA J. REETZ - SECRETARY PETER R. VINE - ENGINEER MANAGER

NUTE ENGINEERING

CIVIL AND SANITARY CONSULTANTS SAN RAFAEL, CALIFORNIA

ADOPTED BY DISTRICT BOARD

these as-built or record drawings (or corrected opecifications) have been prepared, in part, on the basis of information compiled and furnished by others. The Engineer will not be responside for any errors or omissions which have been incorporated into this document as a re-



SEPT 1993

AS BUILT

LAS GALLINAS VALLEY SANITARY DISTRICT
Marin County, California

SLUDGE STORAGE POND IMPROVEMENTS

PROJECT LOCATION MAP

NUTE ENGINEERING SAN RAFAEL, CALIFORNIA

Scale 45 SHOWN Drawn by Des /Chkd by

ABBREVIATIONS

A.C.	ASPHALTIC CONCRETE
AGG.	AGGREGATE
ALUM.	ALUMINUM
C	CONDUIT
Ģ.	CENTERLINE
•	
C.B.	CATCH BASIN
C.C.	CENTER TO CENTER
CLR.	CLEAR OR CLEARANCE
C.O.	CLEANOUT
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
DBL.	DOUBLE
D.I.	DUCTILE IRON
DIA.	DIAMETER
DISCH.	DISCHARGE
DWG.	DRAWING
EA.	EACH
E.F.	EACH FACE
EL.	ELEVATION
	EQUAL
EQ.	
E.W.	EACH WAY
EXIST., E., (E)	EXISTING
FAB.	FABRICATED
F.C.A.	FLEXIBLE COUPLING ADAPTER
F.F.	FINISH FLOOR
FLEX FLG. CPLG.	FLEXIBLE FLANGED COUPLING
FT.	FEET
-	
G	GAS
GA.	GAUGE (GAGE)
GALV.	GALVANIZED
G.I.	GALVANIZED IRON
GND.	GROUND
GRTG.	GRATING
HDPE	HIGH DENSITY POLYETHYLENE
HORIZ.	HORIZONTAL
HVY.	HEAVY
I.D.	INSIDE DIAMETER
INV.	INVERT
L.G.V.S.D.	LAS GALLINAS VALLEY SANITARY
	DISTRICT
L.R.	LONG RADIUS
MAX.	MAXIMUM
мн	MANHOLE
MIN.	MINIMUM
M.J.	MECHANICAL JOINT
M.M.W.D.	MARIN MUNICIPAL WATER DSITRIC
N	NORTH
(N)	NEW ITEM AS INDICATED
NO.	NUMBER
N.T.S.	NOT TO SCALE
φ	DIAMETER
o.c.	ON CENTER
O.D.	OUTSIDE DIAMETER
OPNG.	OPENING
	3. 2
PE	POLYETHYLENE
P.G.& E.	PACIFIC GAS & ELECTRIC
PRESS.	PRESSURE
PT.	POINT
PVC	POLYVINYL CHLORIDE
R.	RADIUS
R.C.P.	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RWD.	REDWOOD
SCH.	SCHEDULE
SDR	STANDARD DIMENSION RATIO
S.D.	STORM DRAIN
s.s.	STAINLESS STEEL
STL.	STEEL
TEMP.	TEMPORARY
TY.	TYPE
TYP.	TYPICAL
VERT.	VERTICAL
w.	WATER
W/	WITH
	WATER OUREAGE

W.S.

ADDENDUM NO. 1

WATER SURFACE

	DIAMETER ⁽¹⁾	MATERIAL	DESCRIPTION	PIPING NOTES
10b 10c	24" 24"	POLYETHYLENE (SDR = 21) WELDED STEEL CEMENT L/C	PLANT EFFLUENT	
11d 11e	6"-12" 24"-60"	PVC C-900 (DR=25) ASP BONDED CORRUGATED	SEWERS AND DRAINS	
29a 29b 29c	10" 10" 10"	VCP CAST IRON CEMENT LINED PVC C-900 (DR=25)	DIGESTER SUPERNATAN	r
38	1"-2"	PVC SCH 40	DOMESTIC WATER	(2)
39	1"-4"	PVC SCH 40	RECLAIMED WATER	
66a 66b 66c	12" 12"-24" 18"-24"	CAST IRON CEMENT LINED WELDED STEEL CEMENT L/C POLYETHLYENE (SDR = 21)	POND TRANSFER	
67a 67b	18 " 18"	WELDED STEEL CEMENT L/C POLYETHYLENE (SDR = 21)	POND EFFLUENT	
68a 68b	12 " 12"	CAST IRON CEMENT LINED WELDED STEEL CEMENT L/C	POND RETURN	
69	24"	POLYETHYLENE (SDR = 21)	POND OVERFLOW	
70a 70b 70c 70d 70e	6"-12" 4"-12" 1/2"-8" 4"-6" 3"	WELDED STEEL CEMENT L/C PVC B & S CLASS 200 PVC SCH 80 SOLVENT WELD CAST IRON CEMENT LINED ALUMINUM CLASS 150	IRRIGATION LINES	(3)
71	24"	WELDED STEEL CEMENT L/C	SCREEN INTAKE	
72	8"	CAST IRON CEMENT LINED	SCREEN BACKWASH	
73a 73b 73c 73d	4"-8" 8"-10" 8" 2"	DUCTILE IRON CEMENT LINED POLYETHYLENE (SDR = 21) WELDED STEEL CEMENT L/C PVC SCH 40	SUMP PUMP RETURN	
74a 74b 74c	6"-8" 8" 6"-8"	POLYETHYLENE (SDR = 17) WELDED STEEL DUCTILE IRON CEMENT LINED	SLUDGE POND FILL	
75	6"-8"	POLYETHYLENE (SDR = 21)	SLUDGE POND OVERFLOW	
76	8"	POLYETHYLENE (SDR = 17)	SLUDGE POND RETURN	
77	6 "	DUCTILE IRON CEMENT L/C	SLUDGE POND DRAW OFF	
78	6 "	POLYETHYLENE (SDR = 21)	LEACHATE DRAIN	
79	6 "	POLYETHYLENE (SDR = 21)	POND UNDERDRAIN	
80	3"-4"	PVC SCH 80 SOLVENT WELD	MMWD SLUDGE BLOWDO	OWN
PIPING	NOTES:			

SECTION NO. SECTION DESIGNATION SHEET NO. DETAIL NO. DETAIL DESIGNATION SHEET NO. PIPELINE SIZE AND DESIGNATION (REFER TO PIPING SCHEDULE, THIS SHEET) EXISTING PIPELINE VALVE SIZE AND DESIGNATION (REFER TO VALVE SCHEDULE, SPEC'S SECTION 15050 PROPERTY LINE PROPERTY LINE SOILS BORING NO. EB 9

INDEX TO PLANS

SHEET NO.

TITLE

- . PROJECT LOCATION MAP
- . INDEX TO PLANS, PIPING SCHEDULE & ABBREVIATIONS
- 3. SITE PLAN
- SLUDGE STORAGE PONDS EXISTING TOPOGRAPHY
- 5. SLUDGE STORAGE PONDS GRADING LAYOUT
- S. SLUDGE STORAGE PONDS PIPING LAYOUT
- 7. SLUDGE STORAGE PONDS CROSS SECTIONS
- 8. SLUDGE STORAGE PONDS POND LINER DETAILS
- 9. SLUDGE STORAGE PONDS POND OUTLET BOX DETAILS
- 10. POND SUPERNATANT PUMP STATION SITE PLAN & DETAILS
- 11. POND SUPERNATANT PUMP STATION MECHANICAL PLANS & DETAILS
- 12. POND SUPERNATANT PUMP STATION STRUCTURAL PLANS, SECTIONS & DETAILS

DIGESTER SUPERNATANT PUMP STATION AND DIGESTED SLUDGE PUMP SITE PLAN AND PIPING LAYOUT

- 4. DIGESTER SUPERNATANT PUMP STATION SITE PLAN
- 15. DIGESTER SUPERNATANT PUMP STATION MECHANICAL PLANS, SECTIONS & DETAILS
- 16. DIGESTER SUPERNATANT PUMP STATION STRUCTURAL PLANS, SECTIONS & DETAILS
- 17. DIGESTED SLUDGE PUMP PLAN & SECTIONS
- 8. PUMP STATIONS MISCELLANEOUS DETAILS
- 19. DIVERSION BOX PIPING CONNECTIONS & DETAILS
- 20. BRIDGE PIPE CROSSING & DETAILS
- 21. TRANSFER BOX GATE & DETAILS
- 22. ELECTRICAL SITE PLAN
- 23. ELECTRICAL TREATMENT PLANT YARD WIRING LAYOUT
- 24. ELECTRICAL EFFLUENT PUMP STATION CONTROL PANEL MODIFICATIONS
- 25. ELECTRICAL POND SUPERNATANT PUMP STATION DECK PLAN & DETAILS
- 6. ELECTRICAL DIGESTER SUPERNATANT PUMP STATION DECK PLAN & DETAILS
- 27. ELECTRICAL SUPERNATANT PUMP STATIONS WIRING DIAGRAMS & DETAILS
- 28. ELECTRICAL DIGESTED SLUDGE PUMP SITE PLAN & WIRING DIAGRAMS
- 29. ELECTRICAL TREATMENT PLANT GRAPHIC PANEL MODIFICATIONS

GENERAL NOTES

- 1. THE CONTRACTOR SHALL PHYSICALLY LOCATE AND UNCOVER (POTHOLE) ALL
 UTILITIES IN THE WORK AREA AHEAD OF THE TRENCHING OPERATION AS
 REQUIRED IN THE SPECIFICATIONS AND SHALL BE RESPONSIBLE FOR DAMAGE
 THERETO.
- 2. THESE DRAWINGS SHALL BE COORDINATED AND USED IN CONJUNCTION WITH FAVORABLY REVIEWED PIPE AND EQUIPMENT SHOP DRAWINGS.
- 3. SOILS BORINGS REFER TO SOILS INVESTIGATION REPORTS BY ASSOCIATED GEOTECHNICAL ENGINEERS AND HARDING LAWSON ASSOCIATES (SEE SPECS).
- 4. THE OVERHEAD ELECTRIC DISTRIBUTION SYSTEMS AND INDIVIDUAL SERVICE LINES ARE NOT SPECIFICALLY INDICATED ON THE DRAWINGS BUT DO EXIST IN THE AREA. THE CONTRACTOR SHALL EXERCISE CAUTION WHILE WORKING NEAR OR UNDER ALL ELECTRIC LINES.
- 5. THE CONTRACTOR SHALL INSTALL SAFETY GUARDS ON ALL MOVING OR ROTATING EQUIPMENT FURNISHED WHETHER SHOWN ON THE PLANS OR NOT. ALL
 SAFETY GUARDS SHALL CONFORM TO APPLICABLE FEDERAL, STATE AND
 LOCAL CODES AND REGULATIONS.
- 6. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS PRIOR TO COM-MENCING WORK.
- 7. THE CONTRACTOR SHALL REPAIR OR REPLACE ALL IMPROVEMENTS WHICH ARE DAMAGED BY THE WORK.
- 8. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHERS.
- 9. ALL NUTS, BOLTS AND WASHERS SHALL BE STAINLESS STEEL
- 10. ALL STAINLESS STEEL SHALL BE TYPE 316.
- 11. ALL UNDERGROUND METAL, INCLUDING STAINLESS STEEL, SHALL BE COATED AND WRAPPED (SEE SPECS).

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LAS GALLINAS VALLEY SANITARY DISTRICT
Marin County, California

SLUDGE STORAGE POND IMPROVEMENTS

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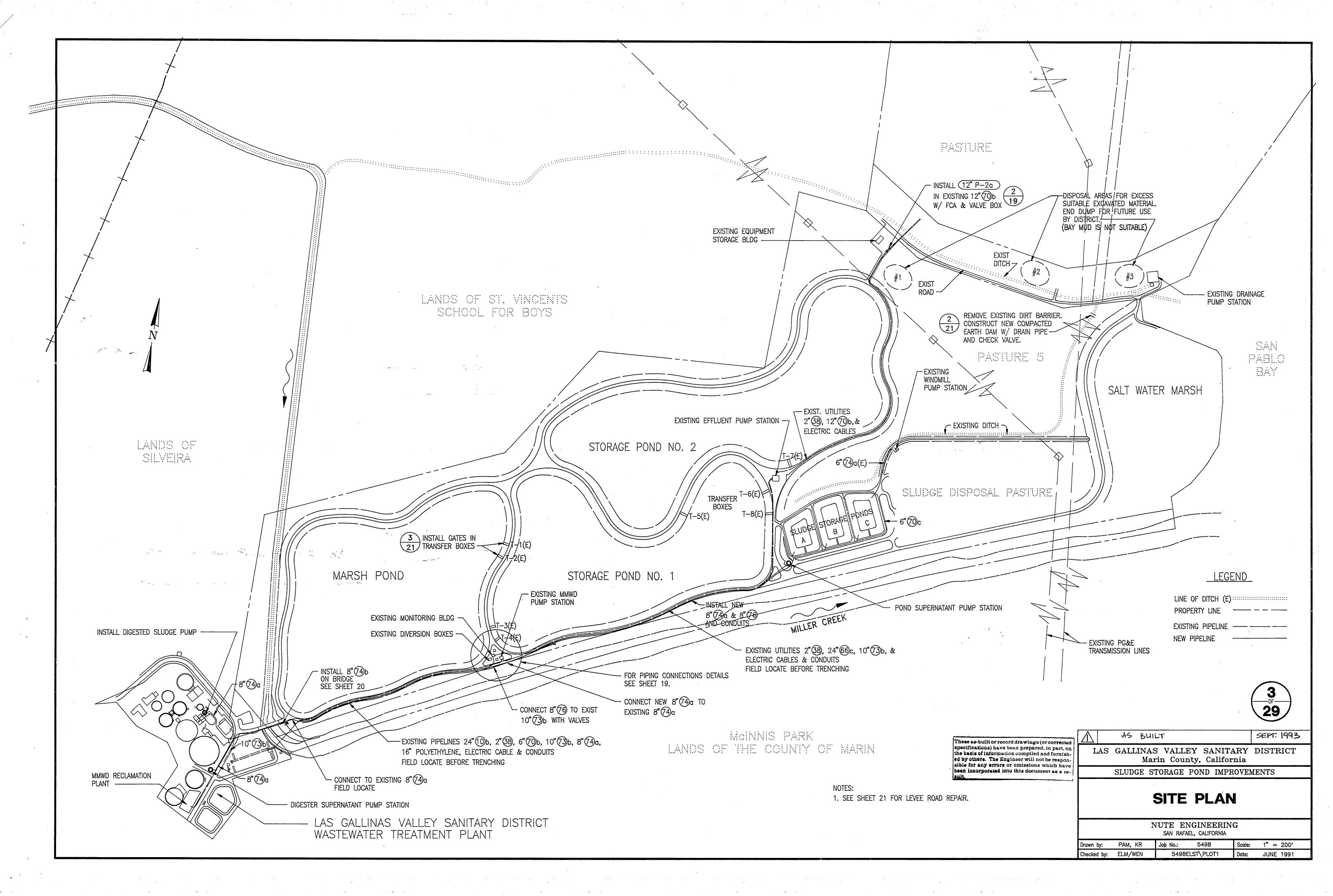
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PIPING SCHEDULE &
ABBREVIATIONS

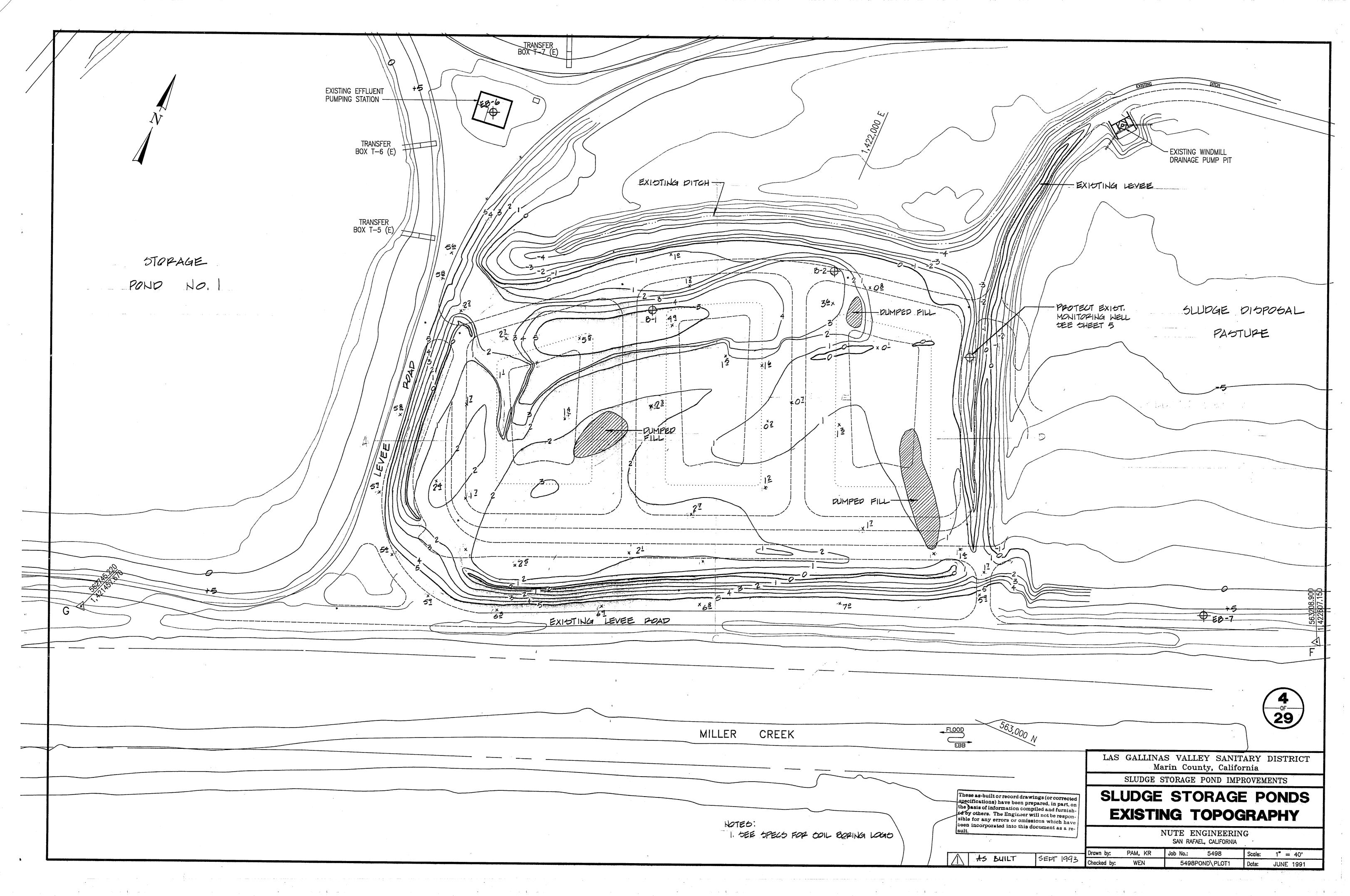
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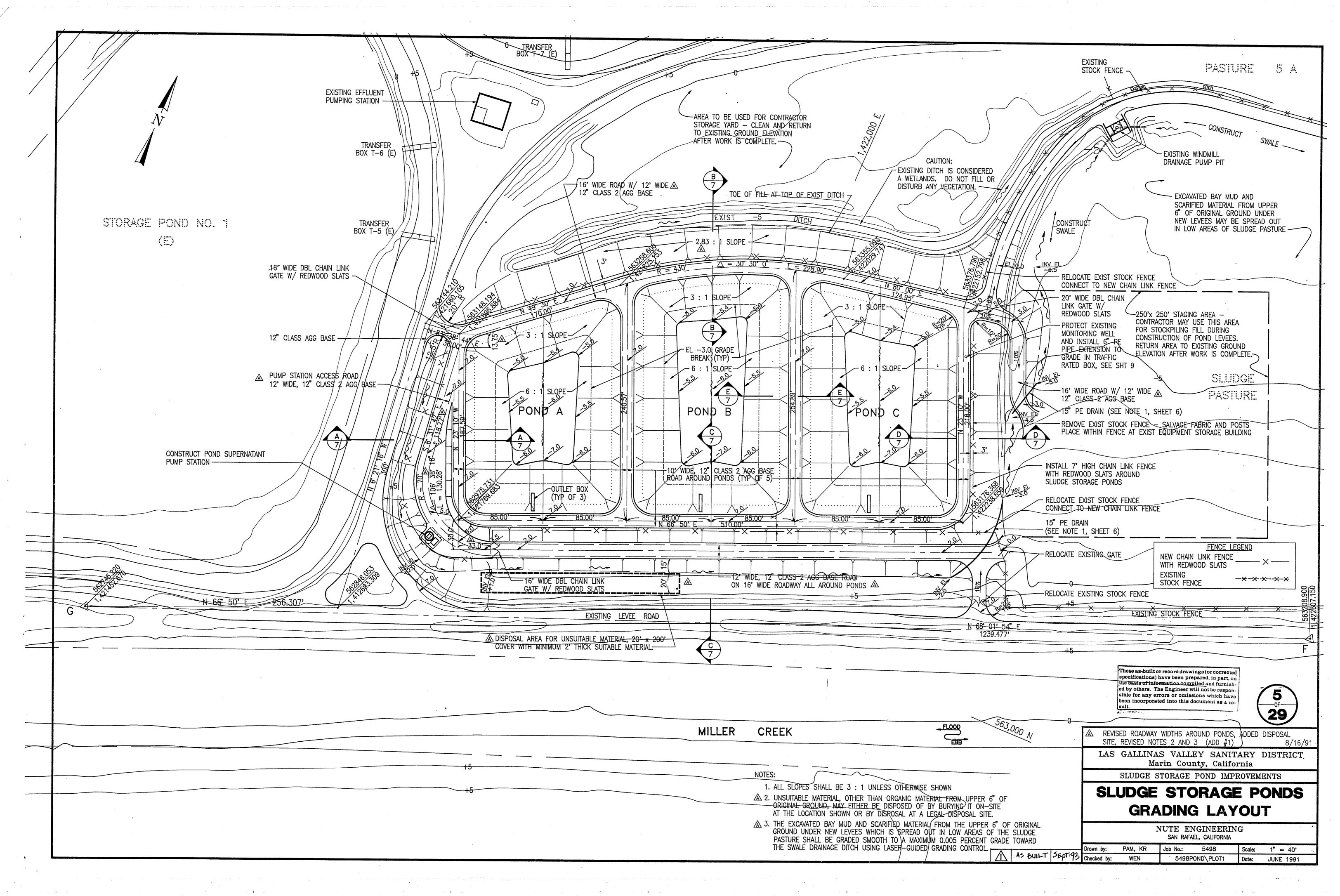
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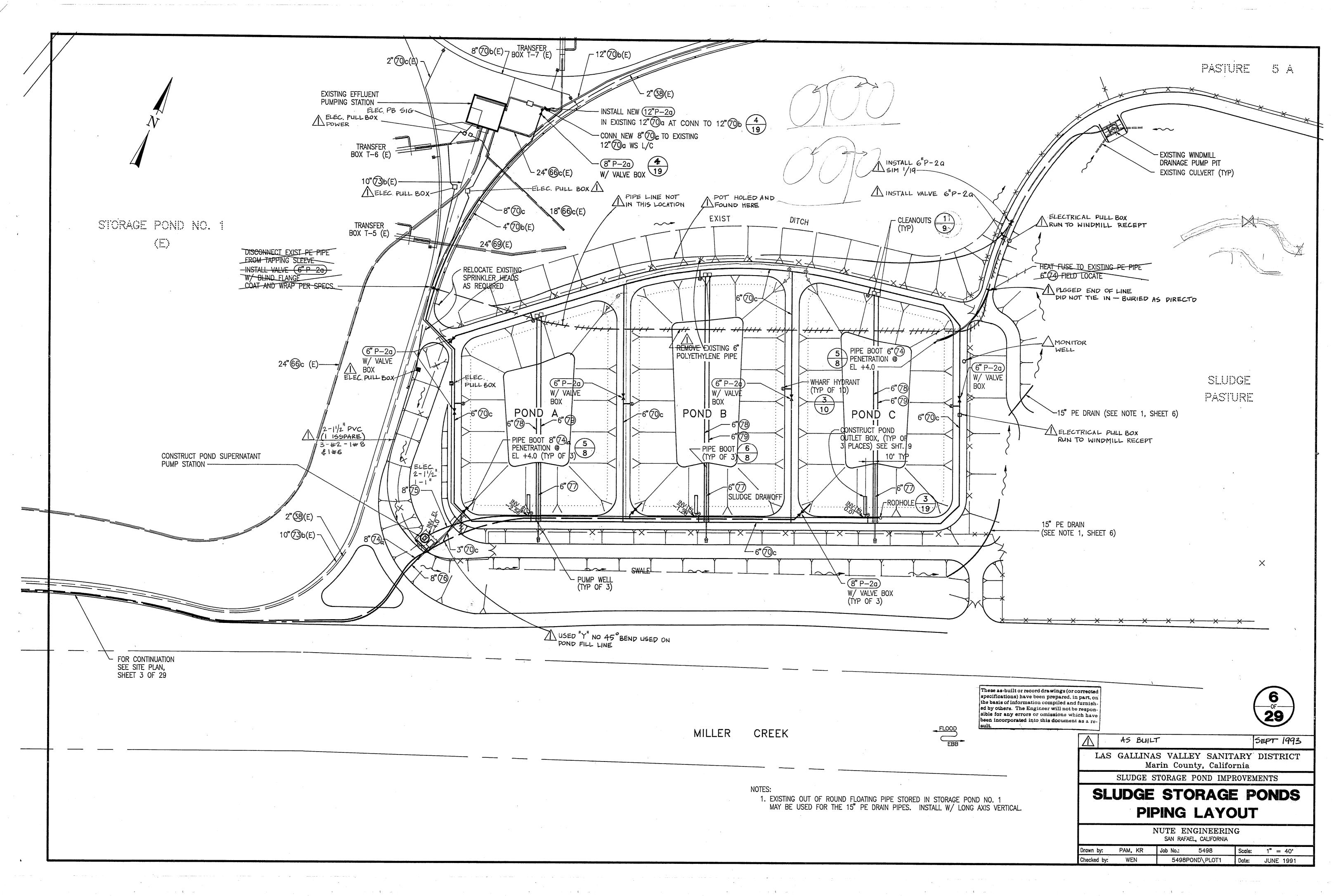
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 Date:
 JUNE, 1991

BIOSOLIDS LAND APPLICATION SERVICES





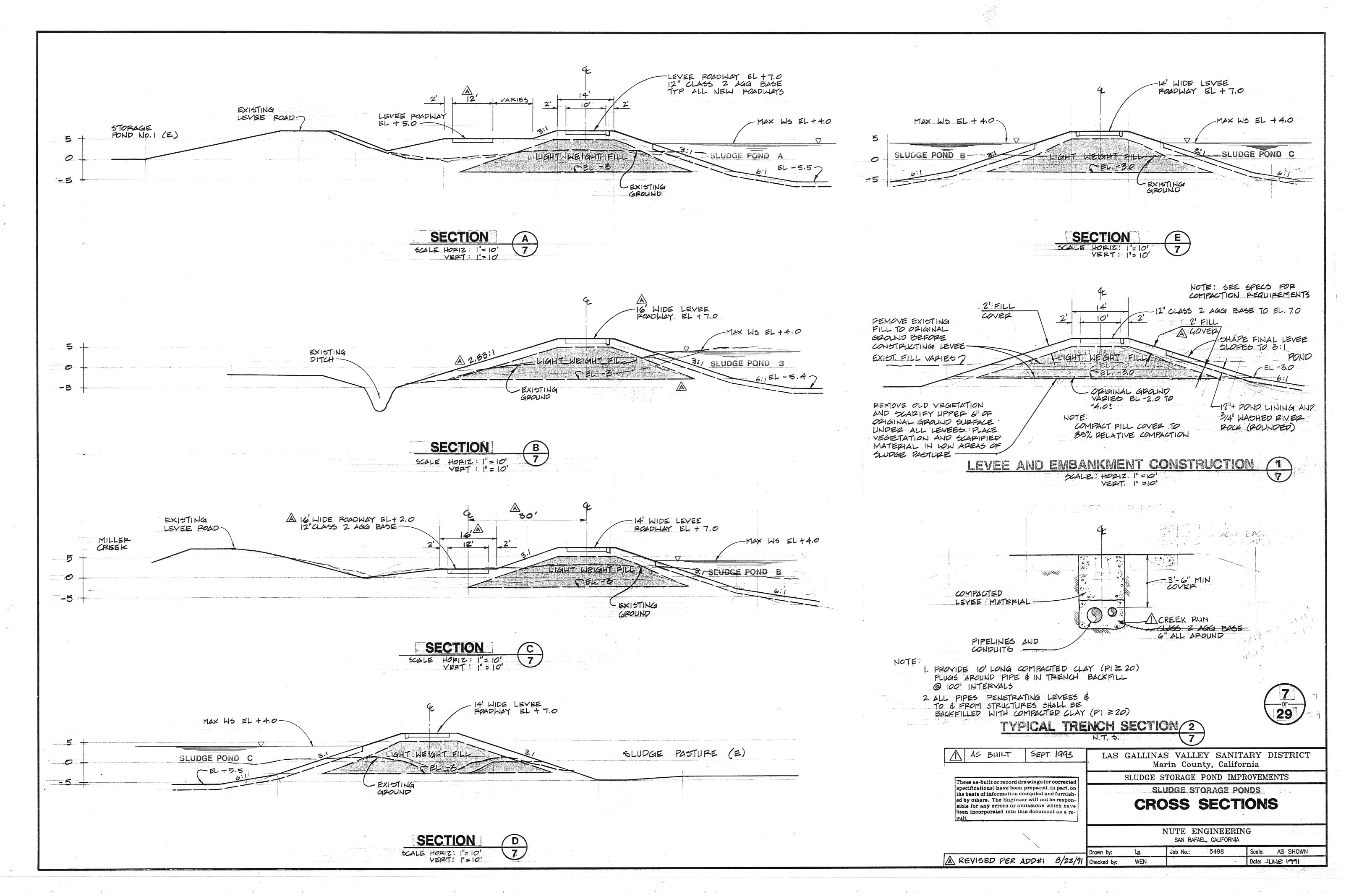




BIOSOLIDS LAND APPLICATION SERVICES

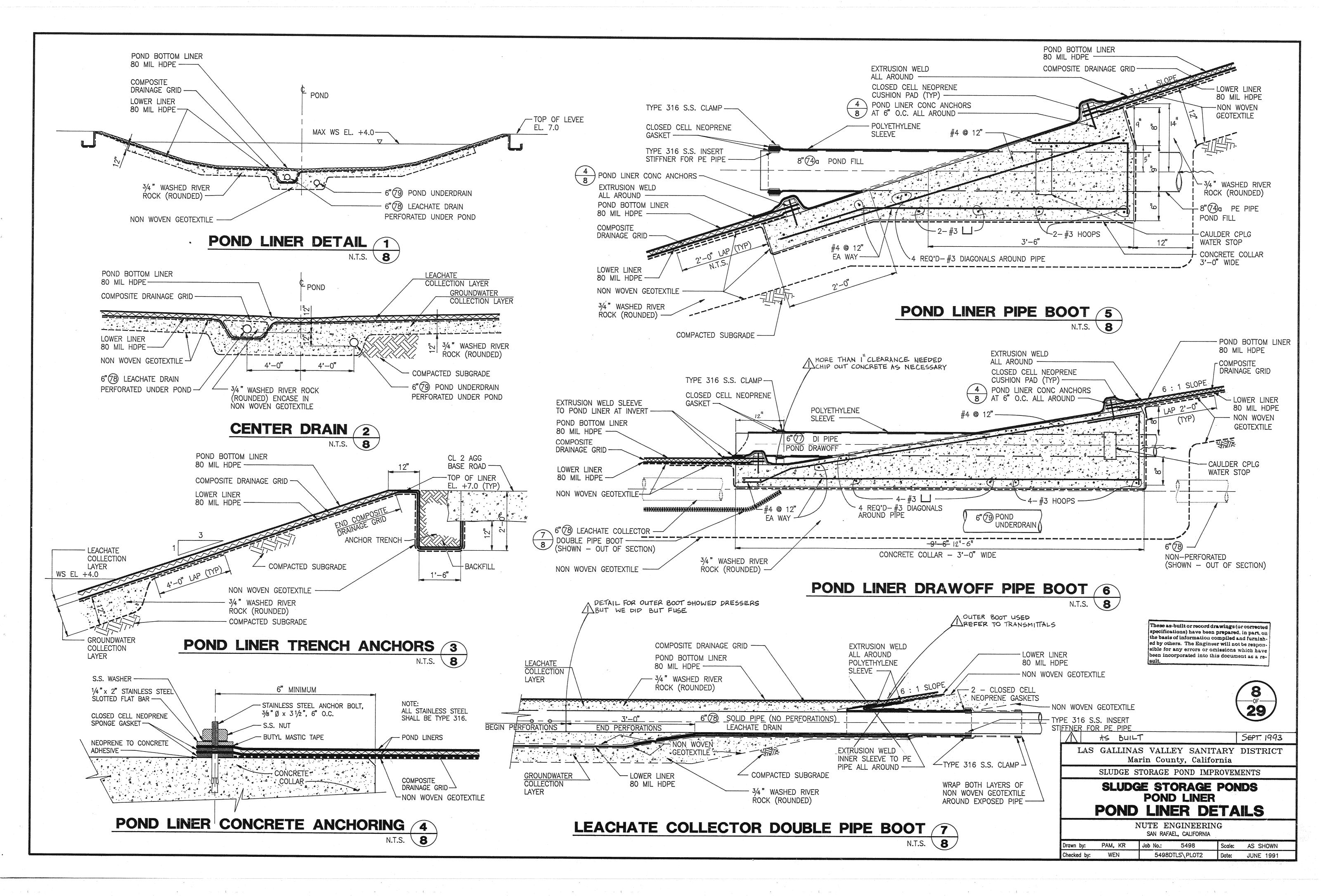
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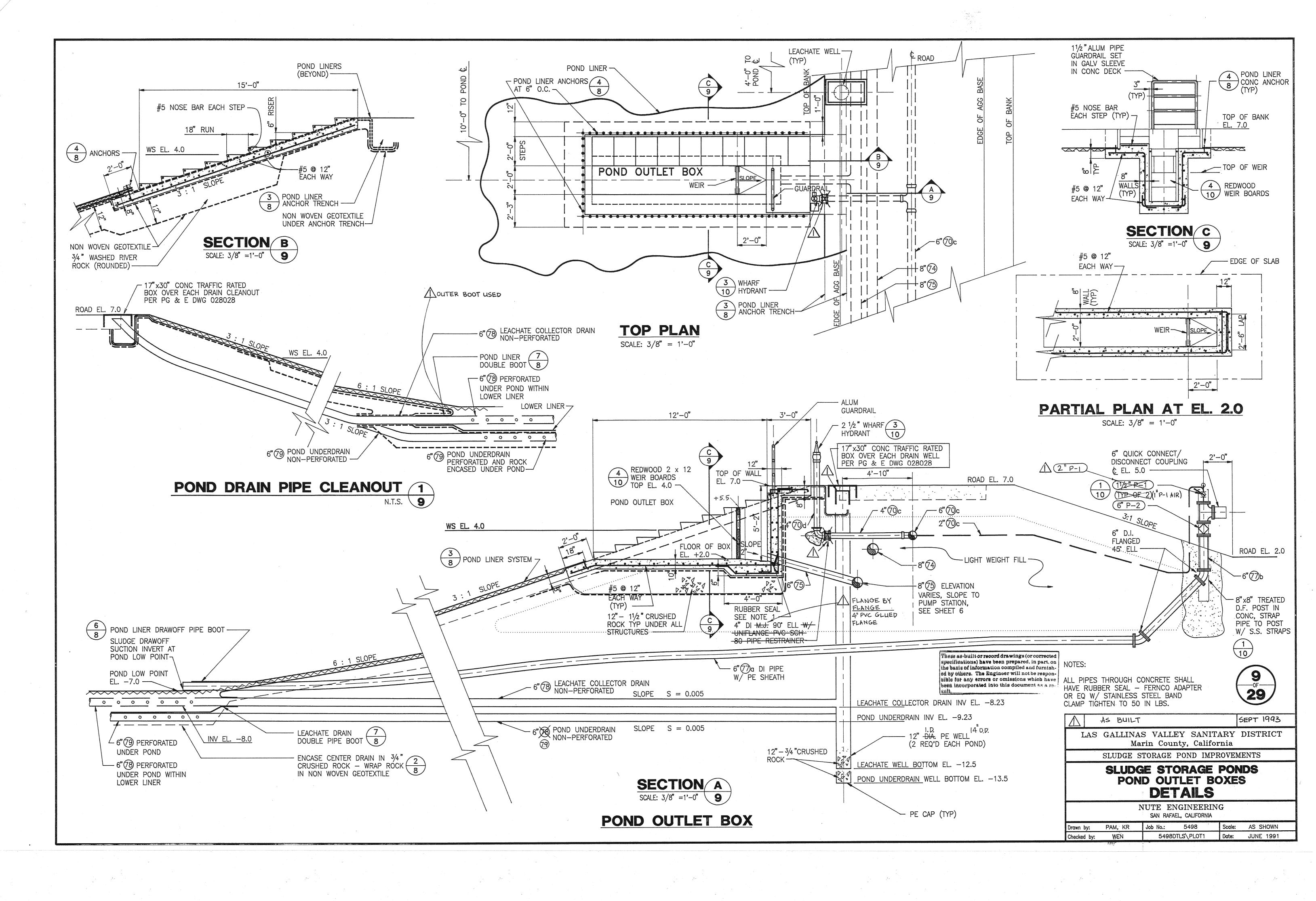
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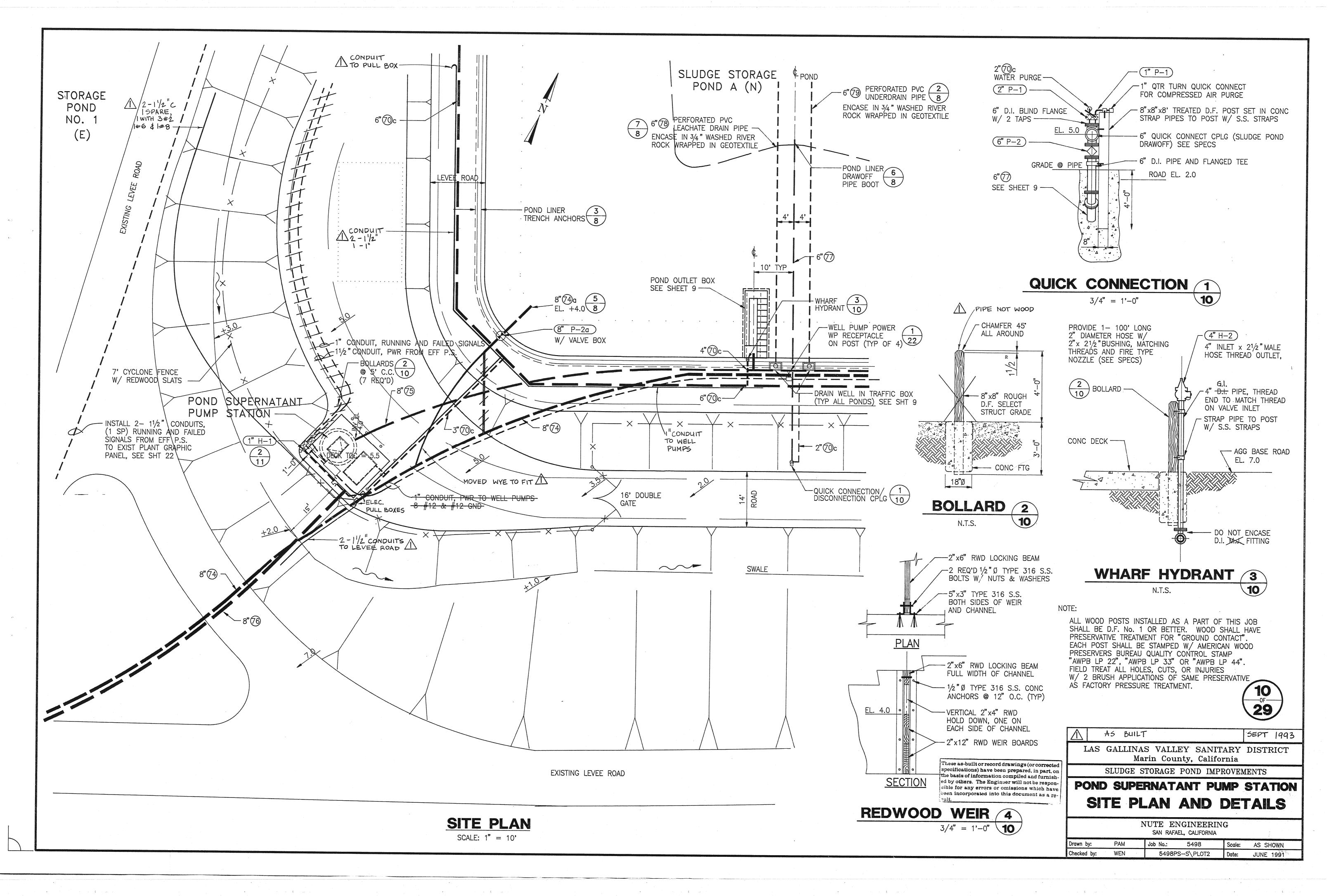


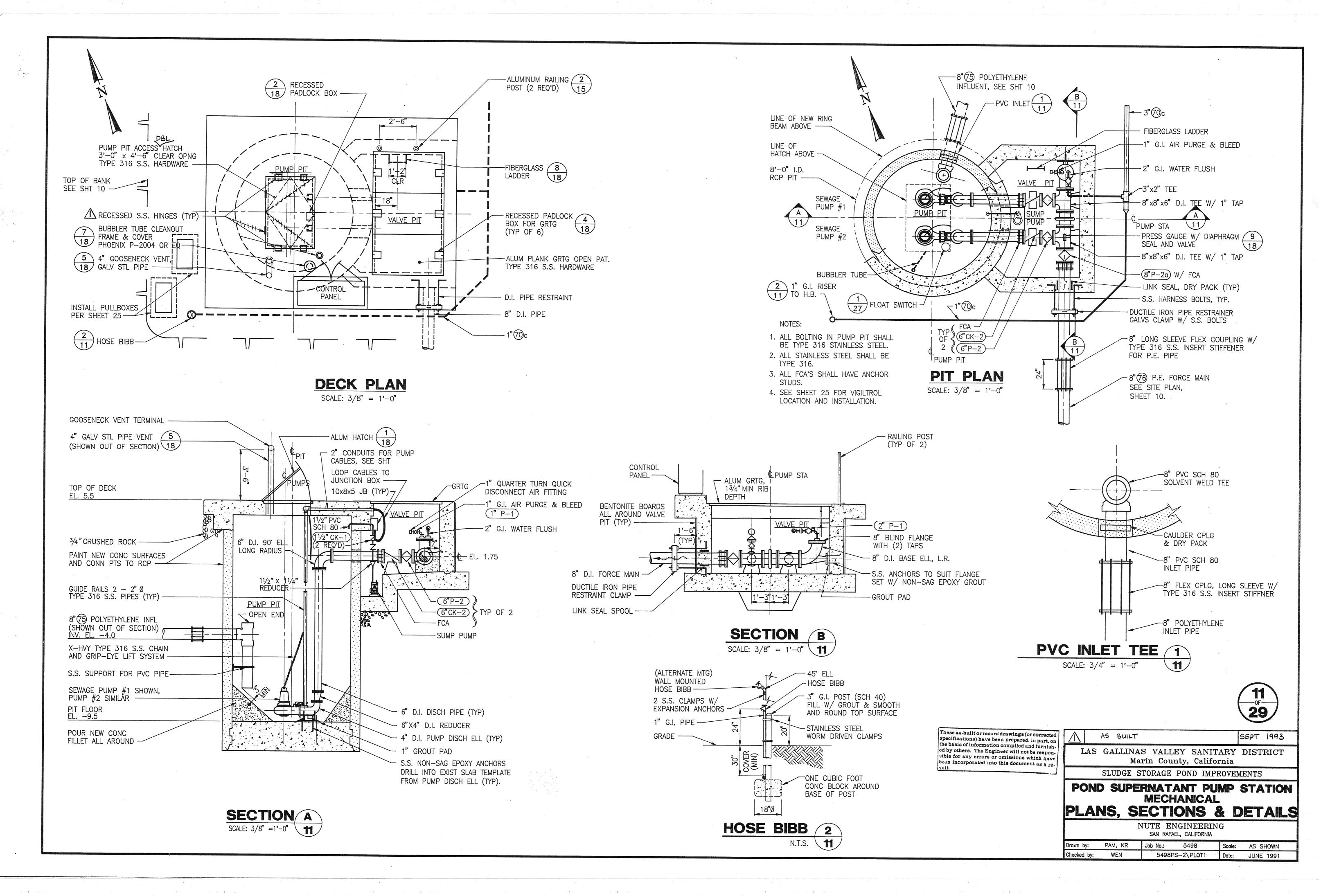
BIOSOLIDS LAND APPLICATION SERVICES

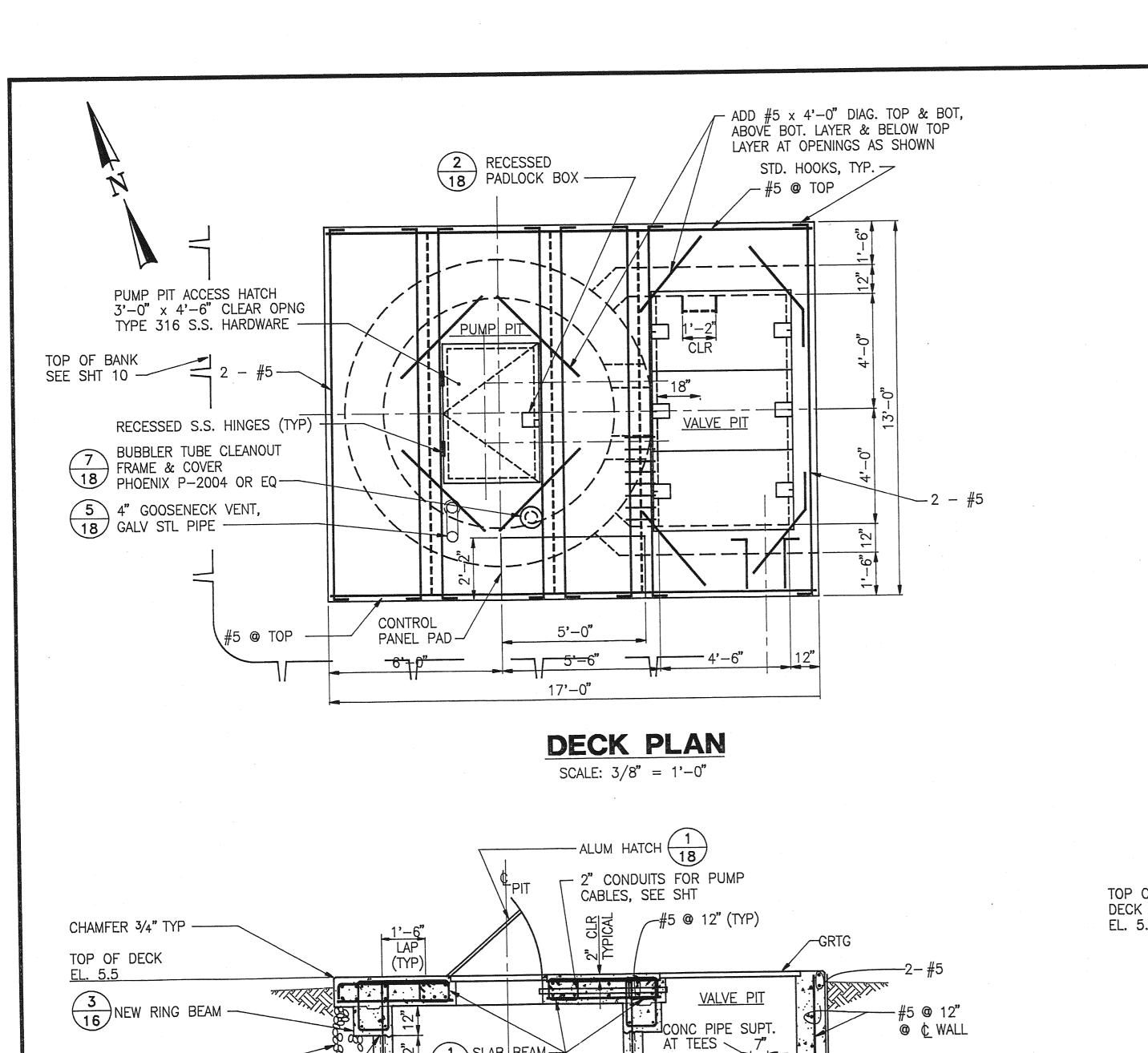
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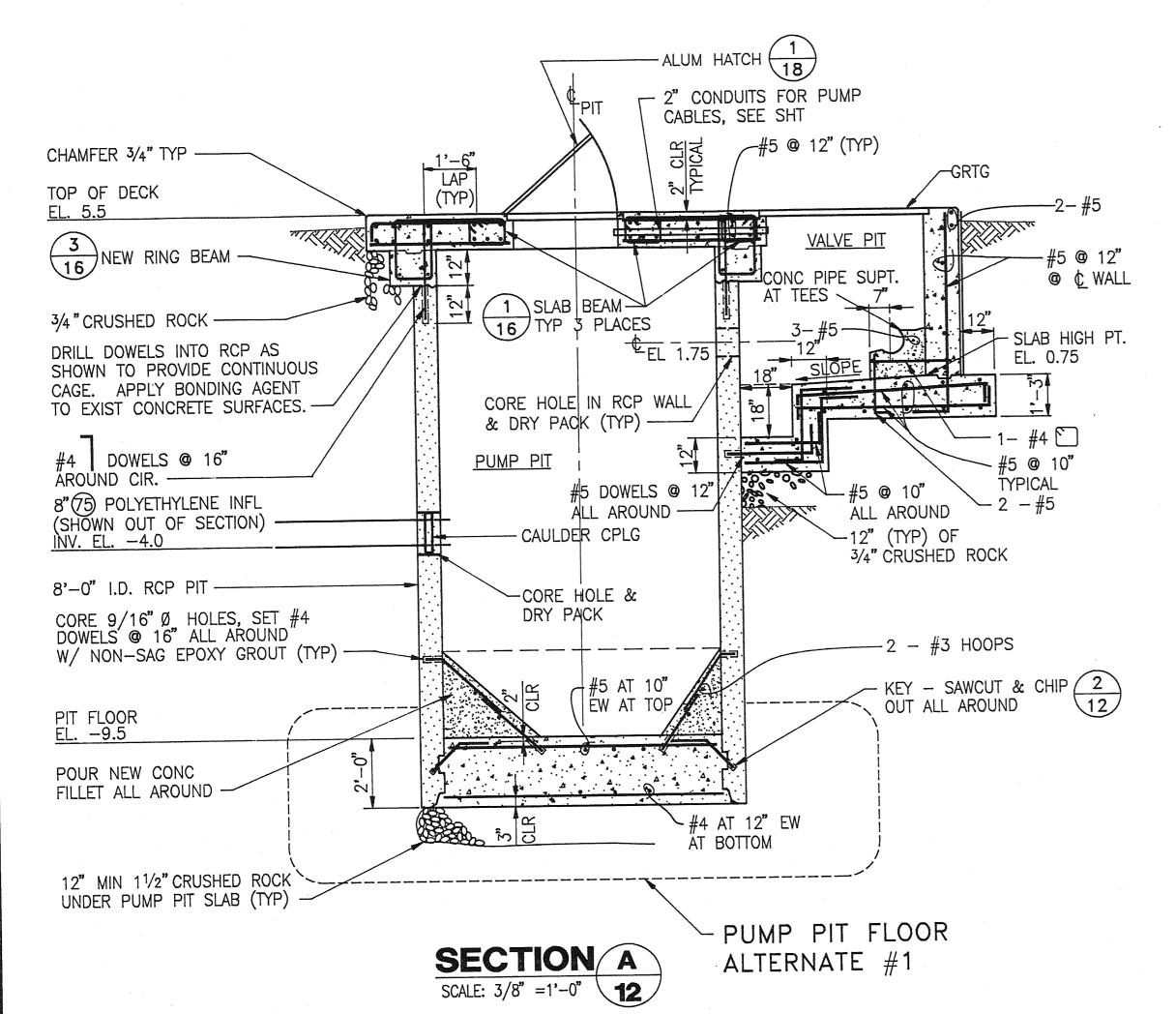


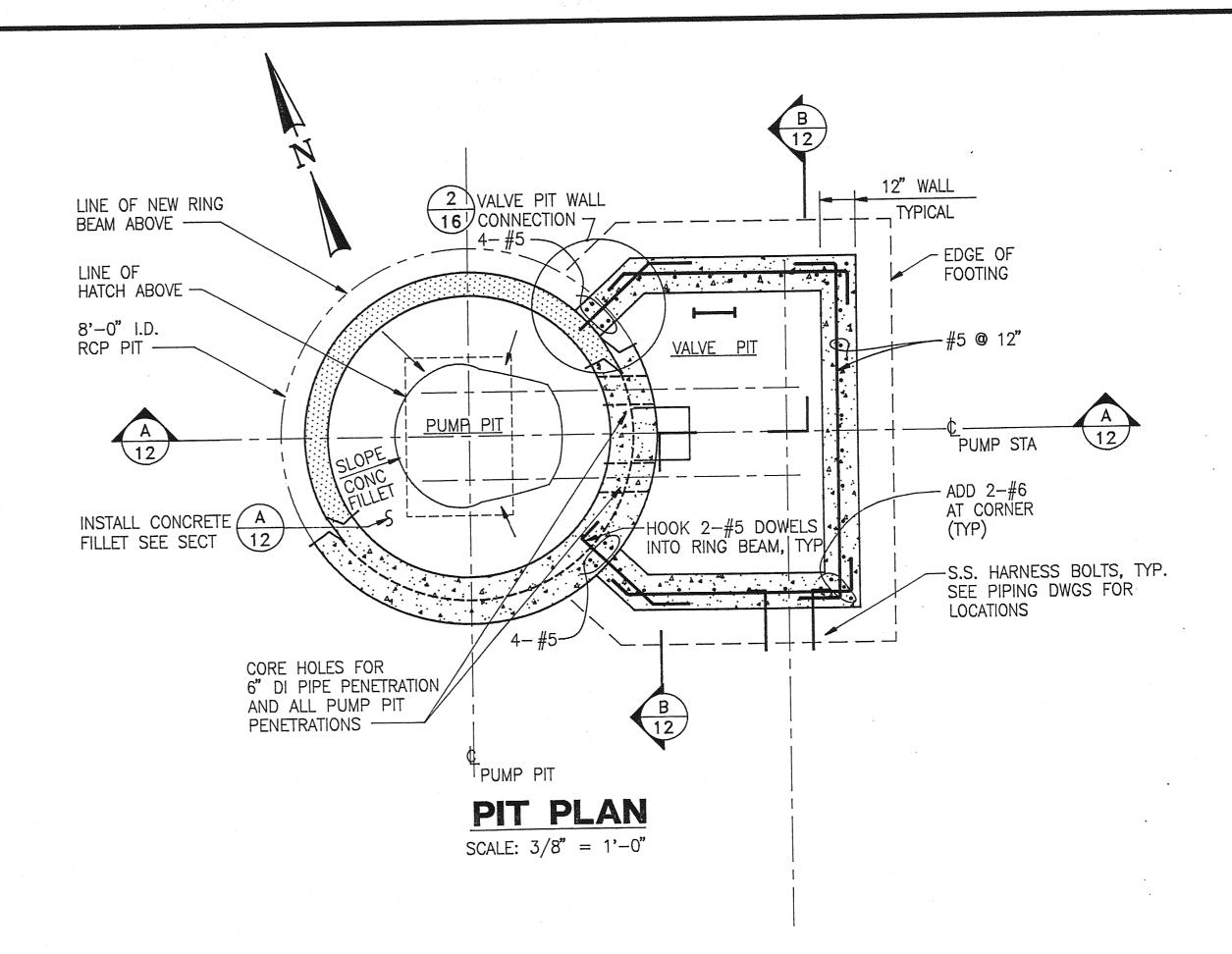


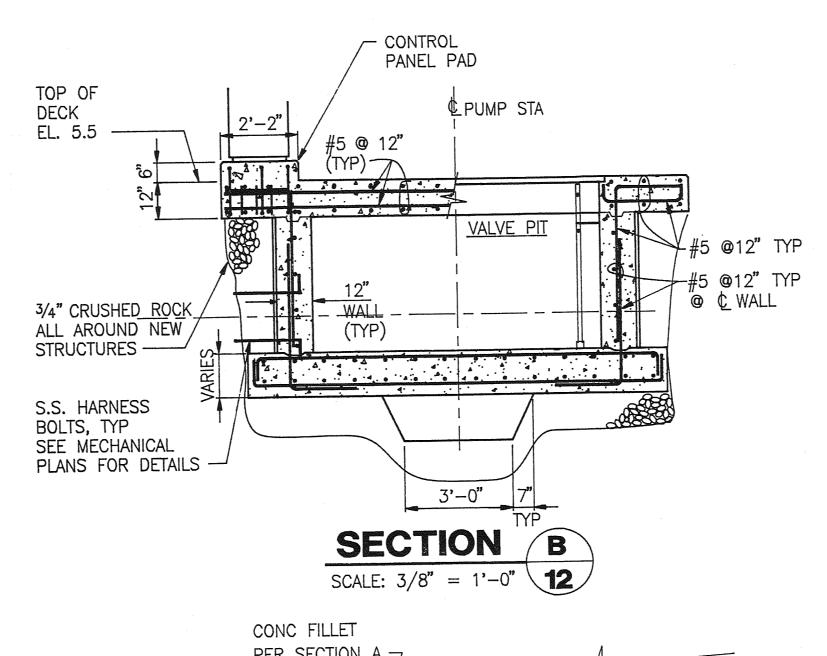


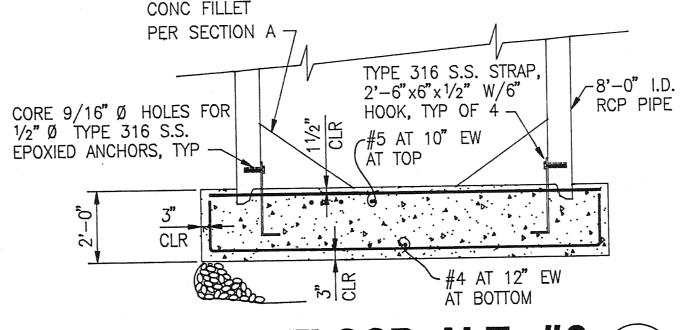




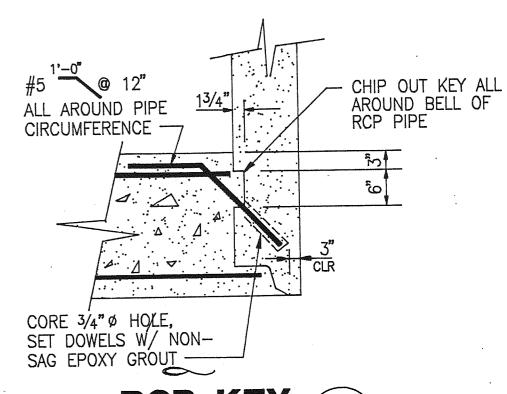








PUMP PIT FLOOR ALT. #2 1 12



RCP KEY 2

3/4" = 1'-0" 12

12 0F 29

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LAS GALLINAS VALLEY SANITARY DISTRICT
Marin County, California

SLUDGE STORAGE POND IMPROVEMENTS

POND SUPERNATANT PUMP STATION STRUCTURAL PLANS, SECTIONS & DETAILS

NUTE ENGINEERING SAN RAFAEL, CALIFORNIA

 Drawn by:
 PAM, KR
 Job No.:
 5498
 Scale:
 AS SHOWN

 Checked by:
 WEN
 5498PS-2\PLOT1
 Date:
 JUNE 1991