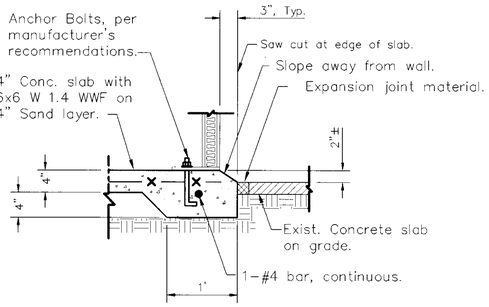
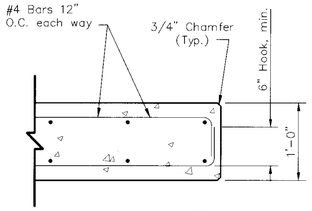


SECTION 2/4
SCALE: 3/4"=1'-0"



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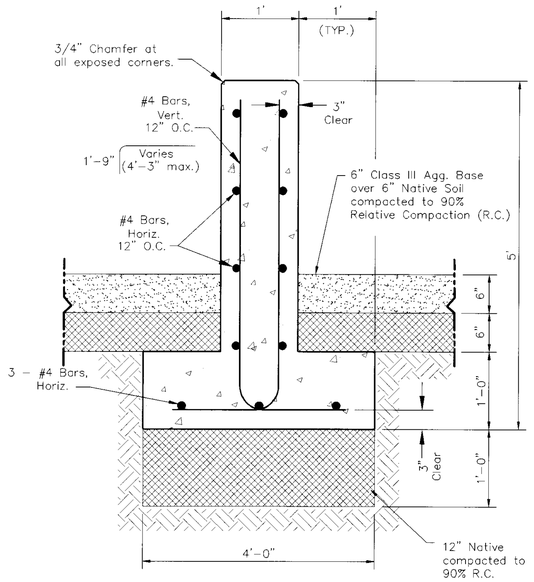

SECTION 1
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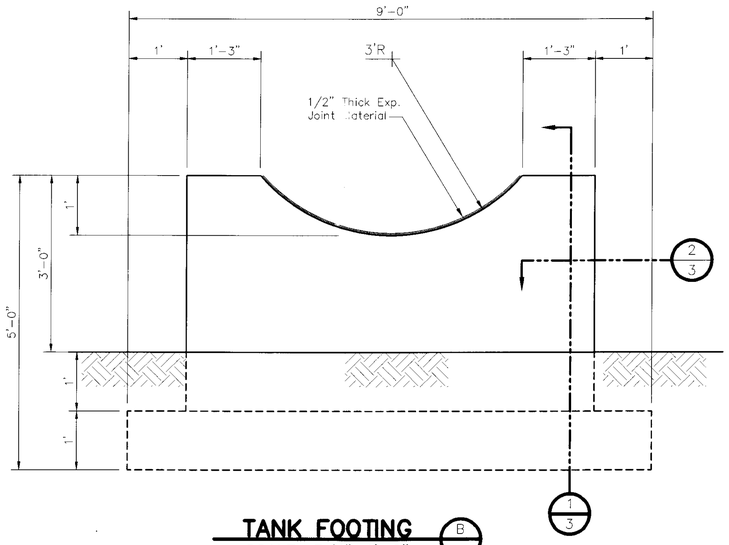
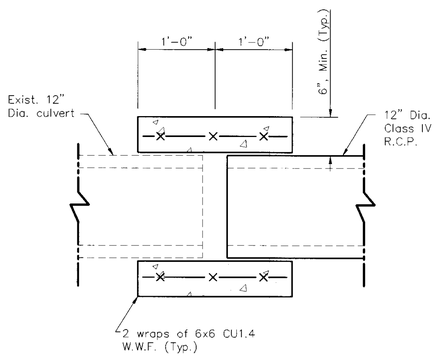
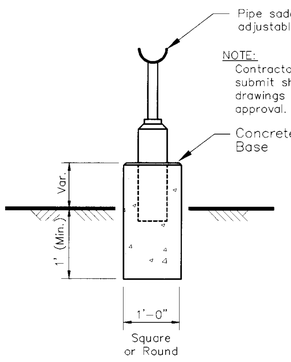


TANK FOOTING B
SCALE: 3/4"=1'-0"



DETAIL 5
1"=1'-0"



PIPE SUPPORT 3
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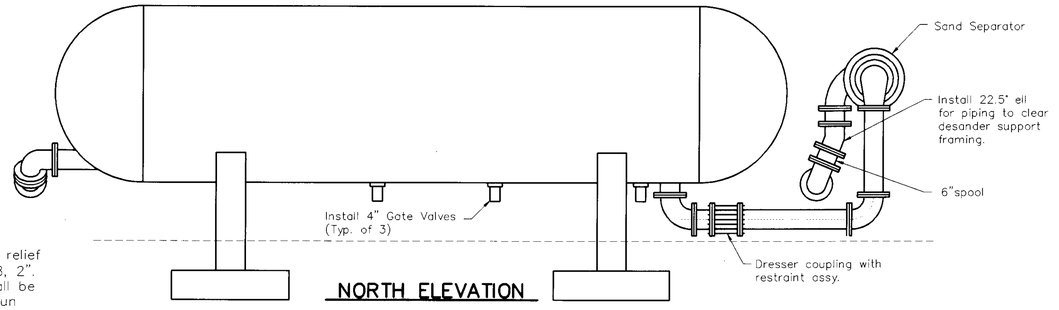
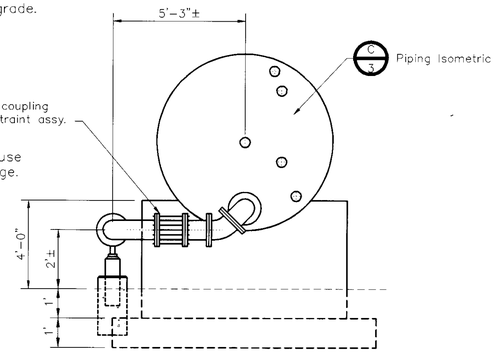
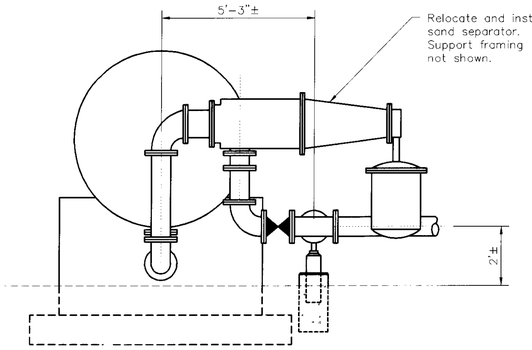


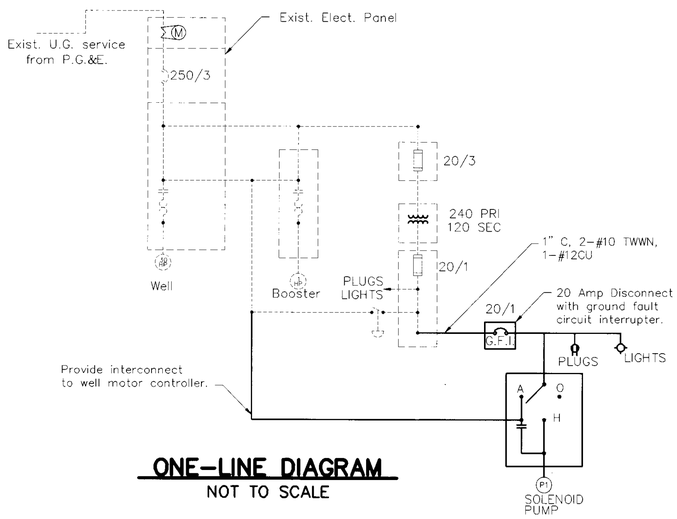
NORTH ELEVATION



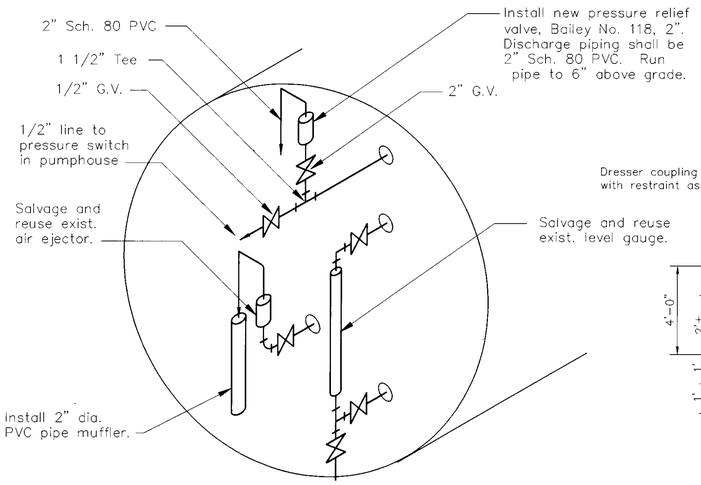
EAST ELEVATION



WEST ELEVATION



ONE-LINE DIAGRAM
NOT TO SCALE



PIPING ISOMETRIC C 3
NOT TO SCALE

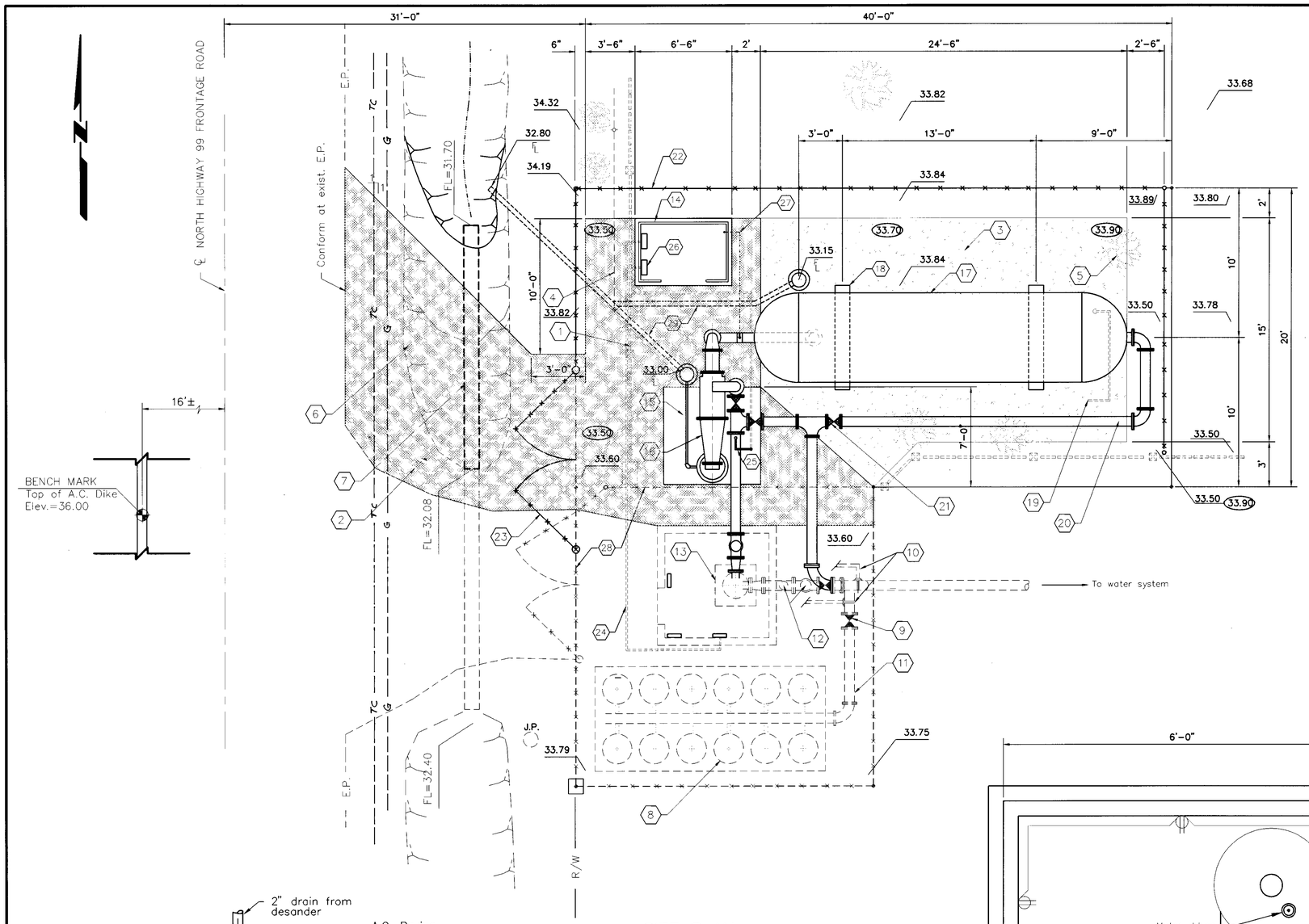
TANK DETAILS A
3/8"=1'-0"

DRAWN BY	DATE	PROJECT ENGINEER	DATE	CHECKED	DATE	SUBMITTED	DATE	APPROVAL RECOMMENDED	DATE
Tony Refuerzo	4/96	Dean Gilman	5/14/96	Tony Refuerzo	5/10/96	Manuel Estrada	5/20/96		6/10/96

FILE NAME	DRAWER	SHEET NO.	ACAD	REVISIONS	DATE
			Morada\Plan\Detail		

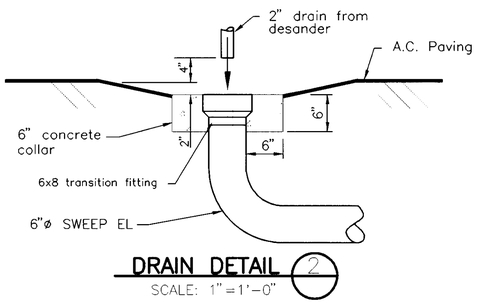
COUNTY OF SAN JOAQUIN | SCALE AS SHOWN | **CONSTRUCTION DETAILS** | **MORADA ESTATES WATER SYSTEM IMPROVEMENTS**

SHEET NO.	TOTAL SHEETS
3	3



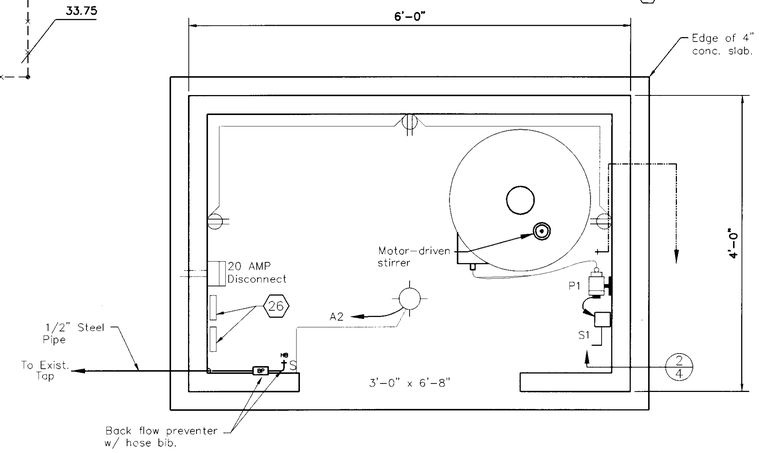
SITE PLAN

1 1/4"=1'



DRAIN DETAIL 2

SCALE: 1"=1'-0"



FLOOR PLAN 1

SCALE: 1"=1'

CONSTRUCTION NOTES

1. R&D existing brick pilaster & 20 L.F.± of wood fence.
2. Place 0.20' A.C. paving over 0.50' `ass II aggregate base placed on native soil compaction to 90% relative compaction to a min. depth of 0.50'.
3. Place 0.50' Class II aggregate base over native soil compacted to 90% relative compaction to a min. depth of 0.50'.
4. R&D existing sprinkler line to 1 foot beyond new fence.
5. R&D existing tree & stumps (Typ. of 3).
6. Earthwork (Misc. Areas): Backfill existing ditch for new driveway.
7. Install 16 L.F. of 12" dia. Class IV RCP. Connect to exist. pipe with 6" conc. collar. See Sheet 3 for detail.
8. R&D exist. 2' dia. x 6' high pressure tanks.
9. R&S 8" gate valve and install blind flange.
10. R&D chlorine injection lines. Plumb new 3/4" water supply to 4'x6' pre-fab bldg. R & D remaining saddle tap and install repair clamp.
11. R&D piping. R&S valves & fittings.
12. R&D air release valves & piping. R&S meter, check valve & gate valve.
13. Rotate pump 90° and reinstall salvaged check valve.
14. Furnish and install pre-fab building (4'x6') on 4" thick conc. pad. See floor plan and details.
15. Const. conc. slab footing (6'-6" sq. x 6" thick) reinforced with 6x6/W1.4 W.W.F.
16. Install County-furnished sand separator on conc. slab. Provide anchor bolts as required and plumb to 4" drain inlet with 2" pipe and gate valve.
17. Install salvaged 5,000 gallon pressure tank. Prime all damage to exist. finish and repaint.
18. Const. conc. tank supports. See Sheet 3 for details.
19. Install 1/4" steel pipe conduit to pump pressure switch in exist. pump house. See Sheet 3 for details.
20. Install 60 L.F.± of 8" dia. Sch. 80 Steel Pipe.
21. Install salvaged and County-furnished 8" gate valves (3) and misc. fittings as required.
22. Install 75 L.F.± of Type CL-6 Fence. Line posts shall be 1 1/2" dia., corner posts shall be 2" diam. and gate posts shall be 2 1/2" diam.
23. Install 12' wide, double swing gate.
24. Install 20 Amp feeder circuit: 1" conduit with 2-#10 THWN & 1-#8 cu
25. Install County-furnished insertion-type flow meter sensor. Sensor and probe supplied by County. Contractor shall supply conduit, fittings and all necessary signal and power cable.
26. Install County-furnished remote power source & meter totalizer for insertion-type flow meter. Power supply & totalizer supplied by County. Contractor shall supply conduit & fittings necessary for full & complete installation by County. Contractor shall supply conduit & fittings necessary for full & complete installation.
27. Install 1" conduit w/ 3/8" tubing and connect to water main with new saddle tap. All bends shall be long radius sweep fittings.
28. R&S 10' gate. R&D 20 L.F. ± of exist. chain link fence. Deliver gate to Walnut Acres Well No. 1 at Cherryland Avenue and Joseph Leon Lane.
29. Install 30 L.F. ± of Sch. 40 ABS or PVC drain pipe. See sheet 3 for inlet details.

EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION
S1	Hand-Off-Auto Selector Switch, Type K, Class 9001, Square D Model No. KS4(1) w/ #R8 Knob & Nema 4 box.
P1	Solenoid Pump, Wallace & Tiernan Model No. 45-010, or approved equal.
	50 Gallon Polyethylene Tank, LMI Model No. 26350, or approved equal.
	Motor-driven stirrer with shut-off timer, 1/20 HP, 115V, 60 Hz.
BP	Backflow Preventer, Febco No. 825Y, 3/4", or approved equal.

SU 3098

DRAWN BY	DATE	PROJECT ENGINEER	DATE	CHECKED	DATE	SUBMITTED	DATE	APPROVAL RECOMMENDED	DATE
Tony Refuerzo	4/96	Dean G. Coleman	5/10/96	Tony Refuerzo	5/10/96	Manuel Lopez	5/30/96		6/10/96

FILE NAME	DRAWER	SHEET NO.	ACAD	REVISIONS	DATE
			Morada\Plan\Site_Pln		

COUNTY OF SAN JOAQUIN	SCALE AS NOTED	SITE PLAN	MORADA ESTATES WATER SYSTEM IMPROVEMENTS	SHEET NO.	TOTAL SHEETS
				2	3

INDEX OF SHEETS

COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS

STOCKTON, CALIFORNIA

PROJECT PLANS FOR

MORADA ESTATES WATER SYSTEM IMPROVEMENTS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED JULY 1992

COUNTY OF SAN JOAQUIN

Submitted June 13, 1996 1996

Henry M. Hirata

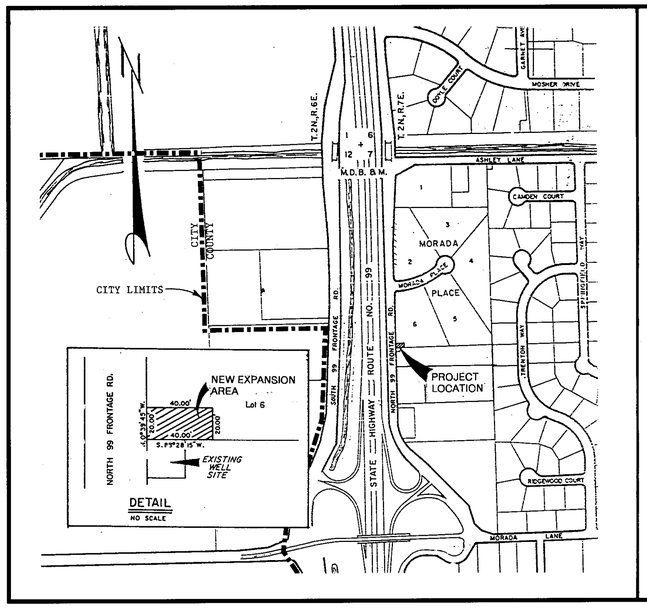
HENRY M. HIRATA, R.C.E. 21258
Director of Public Works

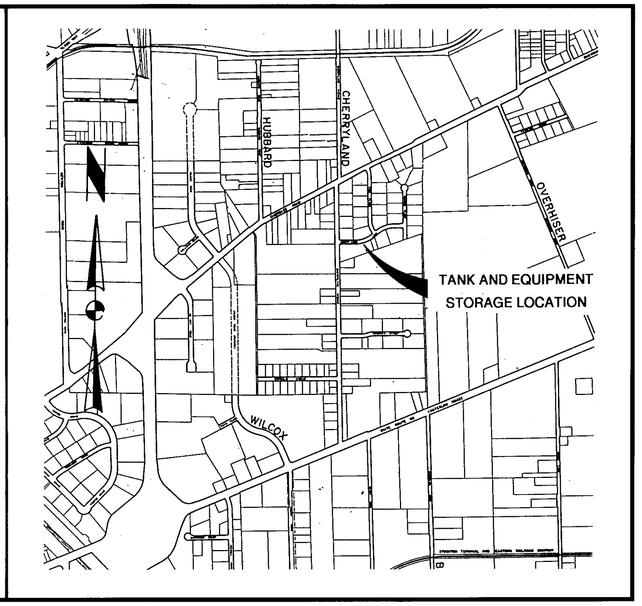
REGISTERED PROFESSIONAL ENGINEER
HENRY M. HIRATA
No. 21258
Exp. 9-30-97
CIVIL
STATE OF CALIFORNIA

Applicable Standard Plans

A10A, A10B, T11

The Contractor shall possess a Class A license at the time this contract is awarded.





PROJECT LOCATION MAPS

NOT TO SCALE

—ABBREVIATIONS—

(In addition to listings in S.P. A10A)

C.& G.	=	Curb and Gutter
C.G.& S.	=	Curb, Gutter and Sidewalk
Dia., ø	=	Diameter
Rdwy.	=	Roadway
S.J.Co.Std.	=	San Joaquin County Standard
San.	=	Sanitary
S.P.	=	Standard Plans
S.D.I.	=	Storm Drainage Inlet

REVISIONS						
NO.	DESCRIPTION	DRWN BY	CKD BY	APP BY	DATE	

Project Engineer	Date	Senior Engineer	Date	Approval Recommended By	Date
Dean A. Salen	5/10/96	Manuel Solano	5/10/96		6/10/96
FILE NAME		DRAWER	SHEET NO.	ACAD FILE	
				morado\plan\title	

SU 3099

MORADA ESTATES WATER SYSTEM IMPROVEMENTS