RESOLUTION NO. 2016-89

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MARINA AUTHORIZING THE MAYOR TO EXECUTE AN AMENDMENT TO THE PROPERTY TRANSFER AND HYDRANT MAINTENANCE AGREEMENT ON BEHALF OF THE CITY OF MARINA SUBJECT TO FINAL REVIEW BY THE CITY ATTORNEY

WHEREAS, on July 14, 1992, the City of Marina entered into an Agreement with the Marina Coast Water District (MCWD) and the Monterey Regional Water Pollution Control Agency (MRWPCA). The Agreement provided for the transfer of property ownership for the Percolation Lot identified as 180 Reservation Road to the MRWPCA for the construction of a new sewer pump station. It also included MCWD's maintenance responsibilities for all public fire hydrants within the City.

WHEREAS, the Agreement also recognized that the property to be transferred is a working percolation basin and a new drainage system would be installed by the MRWPCA to divert the basin drainage to Locke Paddon Park. The design and construction of the storm water diversion system (i.e., the "Existing Drainage System" in the proposed Amendment) was included in the 1992 design plans for the Pump Station constructed on the percolation lot. MCWD was responsible for maintenance of the Existing Drainage System. The Agreement further provided for the subsequent construction of an alternate system (i.e., the "Alternative Drainage System" in the proposed Amendment) to the Existing Drainage System to be constructed in the future to eliminate the diversion of flows into Locke Paddon Park.

WHEREAS, the Reservation Road roundabout construction project included improvements to the drainage system on Reservation Road from Del Monte to north of Seaside Circle. The project presented an opportunity to replace the Existing Drainage System with the Alternative Drainage System. The Alternative Drainage System serves Hilo Avenue, Kailua Circle, Ninole Drive as well as the MRWPCA pump station. The Alternative Drainage System installed a new percolation system that filters and catches debris before infiltration. . The cost of the Alternative Drainage System is to be equally divided between the City, MCWD and MRWPCA. The proposed Amendment sets forth the maintenance responsibilities for the Alternative Drainage System in respects to the City's property and MRWPCA's property. MCWD will no longer have any maintenance responsibilities for the Existing or Alternative Drainage Systems.

WHEREAS, should the Council approve this request, the City is to receive $9,516.67 from MCWD for the District's proportionate costs of the Alternative Drainage System per the agreement.

NOW THEREFORE, BE IT RESOLVED that the City Council of the City of Marina does hereby

1. Authorize the Mayor to execute an Amendment to the Property Transfer and Hydrant Maintenance Agreement on behalf of the City of Marina subject to final review by the City Attorney

PASSED AND ADOPTED, at a regular meeting of the City Council of the City of Marina, duly held on the 21st day of June 2016, by the following vote:

AYES: COUNCIL MEMBERS: Amadeo, Morton, O'Connell, Delgado
NOES: COUNCIL MEMBERS: None
ABSENT: COUNCIL MEMBERS: Brown
ABSTAIN: COUNCIL MEMBERS: None

_____
Bruce C. Delgado, Mayor

ATTEST:

_____
Anita Sharp, Deputy City Clerk

FIRST AMENDMENT TO THE
PROPERTY TRANSFER AND HYDRANT MAINTENANCE AGREEMENT
BETWEEN MARINA COAST WATER DISTRICT, CITY OF MARINA, AND
MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY

THIS FIRST AMENDMENT TO THE PROPERTY TRANSFER AND HYDRANT MAINTENANCE AGREEMENT (the "First Amendment") is made and entered into as of _____, 2016, by and between the Marina Coast Water District (formerly Marina County Water District), a California county water district (hereinafter the "District"); the City of Marina, a California charter city (hereinafter the "City"); and the Monterey Regional Water Pollution Control Agency, a California joint powers agency (hereinafter the "Agency"). The District, the City and the Agency are sometimes referred to herein collectively as the "Parties" and in the singularly as a "Party."

RECITALS

A. WHEREAS, the parties have been operating pursuant to that certain Property Transfer and Hydrant Maintenance Agreement dated July 14, 1992 (the "Agreement") attached hereto as **Exhibit A** which provides for the City to transfer certain real property (the "Property") on which the City operated a percolation pond to the Agency for the Agency's use as a site for the Agency to construct and operate a pump station; and

B. WHEREAS, the City transferred the Property to the Agency; and

C. WHEREAS, as provided by the Agreement the Agency constructed the New Drainage System as it is referred to in the Agreement (and referred to herein as the "Existing Drainage System") as shown on **Exhibit B** to divert flows to Locke Paddon Park and assure continued use of the Property for drainage purposes until an alternative drainage system is in place; and

D. WHEREAS, the District maintains the Existing Drainage System; and

E. WHEREAS, the City constructed the alternative drainage system (the "Alternative Drainage System") as shown on **Exhibit C** which incorporates certain portions of the Existing Drainage System to divert flows into an infiltration gallery and eliminate the diversion of flows into Locke Paddon Park; and

F. WHEREAS, the Agency paid the sum of $9,516.67 to the City to reimburse the City for the Agency's proportionate share of the cost to the City to construct the Alternative Drainage System; and

G. WHEREAS, the Parties now wish to provide by this First Amendment for: (1) the District's reimbursement to the City in the amount of $9,516.67 as the District's proportionate share of the cost to the City to construct the Alternative Drainage System; (2) the transfer to the City by the District of all its right, title and interest in the Existing Drainage System; (3) the District's relief of its maintenance responsibilities for the Existing Drainage System; (4) recognition of the Agency's maintenance responsibilities for certain portions of the Alternative Drainage System located on real property owned by the Agency including: (i) yard drains on the Agency's property, (ii) the drainage pipes running from the yard drains to the Manhole No. 3 (MH3) and Manhole No. 5 (MH5), and (iii) the 18″ corrugated metal pipe which consists of that portion of the Alternative Drainage System running between MH3 and MH5 as shown on **Exhibit D**; (5) recognition of the City's maintenance responsibilities for the remainder of the Alternative Drainage System including for the pipelines on the Agency's property as shown on **Exhibit D**; and (6) the Agency's and City's agreement to share equally the cost to maintain the 18″ corrugated metal pipe between MH3 and MH5 as shown on **Exhibit D**.

H. WHEREAS, The City and Agency wish to provide for the abandonment in place of those portions of the Existing Drainage System, as shown in **Exhibit C** which are not incorporated into or made a part of the Alternative Drainage System.

NOW THEREFORE, for and in consideration of the mutual covenants and agreements contained in the Agreement and this First Amendment, and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Parties hereby agree as follows:

A G R E E M E N T

1. Recitals Incorporated. The Recitals and Exhibits set forth and referenced above are each incorporated into this First Amendment.

2. District's Reimbursement. Upon its execution of this First Amendment the District shall pay to the City the sum of $9,516.67 as the District's proportionate reimbursement to the City for the City's cost to construct the Alternative Drainage System.

3. Transfer of Interests in Existing Drainage Facilities. By their execution of this First Amendment, the District transfers to the City, without any express, implied, or statutory warranty or representation, all its right, title and interest in and to the Existing Drainage System. The City accepts those portions of the Existing Drainage System transferred by the District as shown on **Exhibit C** and they are hereby transferred to the City by this First Amendment "as is." The Parties agree to take any further action and to execute any other documents which may be required to effect the transfer.

4. District's Relief from Maintenance Responsibility for Existing Drainage System. Upon its execution of this Agreement and following payment of the sum provided herein at Section 2 the District shall have no further obligation to maintain the any portion of the Existing Drainage System. The District will have no responsibility to maintain any portion of the Alternative Drainage System.

5. Agency Maintenance Responsibilities. The Agency agrees to maintain the portion of the Alternative Drainage System, as shown on **Exhibit D**, which are located on real property owned by the Agency.

6. City Maintenance Responsibilities. The City agrees to maintain all portions of the Alternative Drainage System not located on real property owned by the Agency and to maintain those portions of the Alternative Drainage System pipelines on the Agency's property as shown on **Exhibit D** and to obtain any easement, right of way, licenses or such other right as required.

7. City-Agency Cost Share. The Agency and the City agree to share equally the cost for the Agency to maintain that portion of the 18" corrugated metal pipe which consists of that portion of the Alternative Drainage System located between MH3 and MH5 as shown on **Exhibit D**.

8. Portions of the Existing Drainage System Not Incorporated into the Alternative Drainage System. Those portions of the Existing Drainage System which are not incorporated into the Alternative Drainage System, as shown on **Exhibit C**, shall be no longer maintained by any Party and are abandoned in place.

9. Exhibits Incorporated**.** All exhibits references in this First Amendment are attached and incorporated into this First Amendment by reference.

10. Counterparts. This First Amendment may be executed in any number of counterparts, each of which shall be an original, and such counterparts together shall constitute but one and the same instrument.

11. Integrated Contract. Except as expressly modified herein, all other provisions, terms and covenants set forth in the Agreement shall remain unchanged and remain in full force and effect.

WHEREFORE, the parties have execute this First Amendment to this Property Transfer and Hydrant Maintenance Agreement on behalf of the parties on the dates indicated below.

[Signatures follow]

Dated: _____, 2016

CITY OF MARINA

By_____
Bruce Carlos Delgado, Mayo

ATTEST:

By: _____
Anita Sharp, Deputy City Clerk

Dated: _____, 2016

MONTEREY COUNTY REGIONAL
POLLUTION CONTROL AGENCY

By_____
Gloria De La Rosa, Chair
MRWPCA Board of Directors

ATTEST:

By: Paul A. Sciuto, General Manager
Secretary to the Board

Dated: _____, 2016

MARINA COAST WATER DISTRICT

By _____
Howard Gustafson, President

ATTEST:

By: Paula Riso, Deputy Secretary

EXHIBIT A

PROPERTY TRANSFER AND HYDRANT MAINTENANCE AGREEMENT

BETWEEN

MARINA COUNTY WATER DISTRICT

AND

CITY OF MARINA

AND

MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY

The parties to this Agreement agree as follows:

1. DESIGNATIONS AND DEFINITIONS. The following designations and definitions shall apply in this Agreement and all Exhibits and Schedules to this Agreement:

a. Parties:

"City" means the City of Marina.

"MCWD" means the Marina County Water District, a political subdivision of the State of California.

"Agency" means the Monterey Regional Water Pollution Control Agency, a joint powers agency organized under the laws of the State of California.

b. "WTP" means MCWD's existing wastewater treatment plant.

c. "Regional System" means the Agency's wastewater collection and treatment system.

d. "Connection" means works and facilities to connect the WTP to the Regional System.

e. "EIR" means the Supplemental Environmental Impact Report for the Connection.

f. "Pump Station" means the Regional System Reservation Road Pump Station.

g. "Property" means the real property which is the site of the Pump Station, described on Exhibit A hereto.

h. "Lift Station" means MCWD's Lift Station No. 1, which presently pumps untreated wastewater to the WTP.

i. "Fire Hydrants" means all publicly-owned fire hydrants within the City of Marina.

j. "Annexation Agreement" means the Annexation Agreement dated April 25, 1989, between MCWD and Agency.

2. PURPOSE. This Agreement provides mutually beneficial terms and adequate consideration for conveyance of the Property by the City to the Agency and maintenance of the Fire Hydrants.

3. CONDITION PRECEDENT. The transfer of the Property to Agency by City is a condition precedent to the construction of the Connection. Time is of the essence in the transfer of the Property.

4. PROPERTY TRANSFER. Within ten (10) days after the execution of this Agreement, City will transfer the Property to Agency in fee simple absolute, at no cost to Agency; provided, however, that the City shall not be liable for any costs and expenses relative to other related costs, which shall be paid in full by the Agency. The City agrees to sign any and all subsequent documents necessary to effect the transfer of title to the Agency.

5. FIRE HYDRANT MAINTENANCE AND SERVICE. MCWD will maintain and provide water service for City's needs and uses to all public Fire Hydrants in the City without cost to City, from July 1, 1992 through June 30, 2000, in accordance with MCWD's ordinances, rules, procedures and policies, including the policy in MCWD's Resolution 92-2 regarding limitation of the MCWD's liability to the customers for failure to provide a specified quantity or quality of water. Upon expiration of said term the Agreement previously in effect between the City and MCWD will be automatically reinstated or, as an alternative, the parties will be free to renegotiate a new agreement relating to the Fire Hydrants.

6. NEW DRAINAGE SYSTEM. The Property to be conveyed to the Agency now contained a City percolation pond, and in order to assure its continued use for drainage purposes until an alternative drainage system is in place, the Agency agrees that its construction contractor for the Pump Station and Connection facilities project will first complete construction of a new drainage system diverting flows to the pond at Locke Paddon Park prior to commencing any other construction on the Property. The MCWD will maintain the new drainage system and shall indemnify and hold the City harmless from any claims, actions or costs arising from the diversion of flows or of the system; provided, however, that the City shall not be relieved hereby from any responsibility or liability it otherwise may have had prior to this Agreement for the hazardous or other content of any flows into the drainage system. Agency will provide access, as necessary, to MCWD to allow MCWD to maintain the new drainage system.

7. OPERATION OF PUMP STATION. Agency agrees not to maintain or operate the Pump Station facility as a nuisance and will indemnify and hold the City harmless from any claims, actions or costs resulting from the construction, maintenance or operation of the facility on the Property. MCWD and Agency further agree to expeditiously respond to any and all complaints from the City of Marina, its citizens and other concerning the construction, operation and maintenance of the Pump Station, by either referring complaints to the appropriate individual or entity or by taking action to resolve said complaints in a manner consistent with the obligations of the parties as set forth herein.

8. ENVIRONMENTAL COMPLIANCE AND PERMITS. MCWD will perform necessary environmental review and compliance for the execution and performance of this Agreement.

9. INDEMNIFICATION. Subject to any limitations elsewhere in this Agreement, MCWD shall indemnify, defend, and hold harmless the City from and against any and all damages, liabilities, losses, and costs or expenses suffered or incurred by City, arising out of, or resulting from, any breach of MCWD's agreements set forth in this Agreement to the extent of MCWD's memorandum of insurance with the ACWA Joint Powers Insurance Authority for several insurance matters and the MCWD's existing workers' compensation insurance for workers' compensation matters.

10. PROCEDURE FOR INDEMNIFICATION.

a. If any legal proceedings are instituted, or any claim or demand is asserted, by any third party which may give rise to any damage, liability, loss, or cost or expense with respect to which MCWD of Agency has indemnified the City in this Agreement, then City shall give MCWD or Agency, as applicable, written notice of the institution of such proceedings, or the assertion of such claim or demand, promptly after the City first becomes aware thereof. However, any failure by the City to give such notice on such prompt basis shall not affect any of its rights to indemnification hereunder unless such failure materially and adversely affects the ability of the MCWD or Agency to defend such proceeding.

b. The indemnifying party shall have the right, at its option and at its own expense, to utilize counsel of its choice in connection with such proceeding, claim or demand, subject to the approval of the indemnified party, which approval shall not be unreasonably withheld or delayed. The indemnifying party shall also have the right to defend against, negotiate with respect to, settle or otherwise deal with such proceeding, claim or demand. However, no settlement of such proceeding, claim or demand shall be made without the prior written consent of the indemnified party, which consent shall not be unreasonably withheld or delayed, unless, pursuant to the terms and conditions of such settlement, the indemnified party is released from any liability or other

exposure with respect to such proceeding, claim or demand. The indemnified party may participate in any such proceeding with counsel of its choice at its own expense.

c. In the event, or to the extent, the indemnifying party elects not to, or falls to, defend such proceeding, claim or demand and the indemnified party defends against, settles or otherwise deals with any such proceeding, claim or demand, any settlement thereof may be made without the consent of the indemnifying party if it is given written notice of the material terms and conditions of such settlement at least ten (10) days before a binding agreement with respect to such settlement is reached.

d. Each of the parties agrees to cooperate fully with each other in connection with the defense, negotiation or settlement of any such proceeding, claim or demand.

11. PAYMENT OF INDEMNIFIED CLAIMS. The indemnifying party shall forthwith pay all of the sums owing to the indemnified party, upon the happening of any of the following events:

a. Upon the rendition of a final judgment or award with respect to any proceeding of the nature described in Paragraph 13, above, by a court, arbitration board or administrative agency of competent jurisdiction and upon the expiration of the time in which an appeal therefrom may be made; or

b. Upon the making of a settlement of such proceeding, claim or demand; or

c. Upon the parties' making of a mutually binding agreement with respect to each separate matter indemnified hereunder.

12. CONTRIBUTION IN THE EVENT OF JOINT LIABILITY. In the event any such proceeding is brought, in which allegations of fault are made against both of the parties, the extent of any indemnification shall be determined in accordance with the findings of the court as to the relative contribution by each of the parties to the damage suffered by the party seeking indemnity with respect to such proceeding.

13. GENERAL INSURANCE REQUIREMENTS. Without limiting a party's duty to indemnity, MCWD shall maintain in effect throughout the term of this Agreement, a policy or policies of insurance at least equivalent to its current insurance with the ACWA JPIA. The MCWD will apply to have the City named as an additional insured on the MCWD's ACWA JPIA memorandum of insurance.

14. WORKERS' COMPENSATION INSURANCE. MCWD shall maintain workers' compensation plans covering all of their respective employees as required by Labor Code section 3700. MCWD's existing

workers' compensation program shall satisfy the requirments of this paragraph.

15. CERTIFICATE OF INSURANCE. The MCWD shall deliver certificates of insurance to the City that there is in effect the insurance required by this contract. The insuring party shall deliver to the other party a new or amended certificate promptly after any change is made in any insurance policy which would alter the information on the certificate then on file.

16. SELF-INSURANCE. The MCWD's insurance with the ACWA JPIA satisfies the general insurance requirement hereunder.

17. AMENDMENTS. This Agreement may be amended only by a writing signed by authorized representatives of the parties.

18. EFFECTIVE DATE. This Agreement shall be effective upon execution by both parties.

19. INTERPRETATION. This Agreement has been negotiated by and between persons knowledgeable in the subject matter of this Agreement and each party has had the opportunity to have this Agreement and all exhibits to it reviewed by legal counsel. Accordingly, any rule of law (including Civil Code section 1654) or legal decision that would require interpretation of any ambiguities in this Agreement against the party that has drafted it is not applicable and is waived. The provisions of this Agreement and the exhibits to this Agreement shall be interpreted in a reasonable manner to effect the purpose of the parties and this Agreement.

20. COUNTERPARTS. This Agreement may be executed in counterparts, and each fully executed counterpart shall be deemed an original document, constituting one agreement, binding on the parties.

21. COMPLIANCE WITH LAWS. This Agreement and the performance of each term of this Agreement are subject to compliance with applicable laws, ordinances, rules, regulations and orders.

22. FURTHER ACTIONS. The parties agree to execute such other documents and take such actions as may be necessary to give effect to the provisions of this Agreement.

23. APPROVAL; COOPERATION. Whenever consent or approval or cooperation of a party is required to give effect to any of the provisions of this Agreement, that party shall not unreasonably withhold such consent or approval or cooperation.

24. WAIVER. The waiver by either party of any breach or breaches hereof shall not be deemed, nor shall the same constitute, a waiver of any subsequent breach or breaches.

25. EXHIBITS; SCHEDULES. All exhibits and schedules referred to in this Agreement and attached to this Agreement are incorporated in this Agreement by reference.

26. EFFECT; AMENDMENT. This Agreement shall bind and benefit the parties and their successors. This Agreement constitutes the full and complete agreement of the parties regarding its subject matter, and any prior agreements or arrangements are hereby superseded. This Agreement may be amended or modified only by a writing signed by the parties.

27. CAPTIONS. Titles or captions of articles, sections and paragraphs contained in this Agreement are inserted only as a matter of convenience and for reference, and in no way define, limit, extend, or describe the scope of this Agreement or the intent of any provision of it.

28. SEVERABILITY. If any of the provisions of this Agreement are determined to be invalid or unenforceable, those provisions shall be deemed severable from the remainder of this Agreement and shall not cause the invalidity or unenforceablilty of the remainder of this Agreement, unless this Agreement without the severed provision would frustrate a material purpose of any party in entering into this Agreement.

29. DISPUTE RESOLUTION PROCEDURE. If any dispute arises between the parties as to the proper interpretation or application of this contract, the parties shall first seek to resolve the dispute in accordance with this contract, and, except where the dispute involves the payment of money by one party to another, the parties, at their discretion, may proceed through arbitration under this contract before filing any court action.

30. DUTY TO MEET AND CONFER. If any dispute under this contract arises, the parties shall first meet and confer, in an attempt to resolve the matter between themselves. Each party shall make all reasonable efforts to provide to the other party all the information that the party has in its possession that is relevant to the dispute, so that both parties will have ample information with which to reach a decision.

31. ARBITRATION. If the dispute is not resolved by meeting and conferring, the matter may be submitted to binding arbitration if both parties agree to same. The parties may jointly select a single arbitrator, or, if the parties are unable to agree, they shall each select an arbitrator, and the matter shall be handled by two arbitrators. The two arbitrators may, if they deem it appropriate and warranted by the nature and significance of the dispute and after consultation with the parties, themselves select a third arbitrator. Any person selected as an arbitrator shall be a qualified professional with expertise in the area that is the subject of the dispute. Before commencement of the arbitration, the parties may elect to have the arbitration proceed on an

informal basis; however, if the parties are unable to so agree, then the arbitration shall be conducted in accordance with CCP section 1280 et seq., and to the extent that procedural issues are not there resolved, in accordance with the rules of the American Arbitration Association. The decision of the arbitrator or arbitrators shall be binding.

32. EXPENSES, ATTORNEYS' FEES AND COSTS. Each party hereto agrees to pay all expenses and costs incurred by such party in connection with this Agreement. In the event it should become necessary for either party to enforce any of the terms and conditions of this Agreement by means of arbitration, court action or administrative enforcement, the prevailing party, in addition to any other remedy at law or in equity available to such party, shall be awarded all costs and reasonable attorneys' fees in connection therewith, including fees and costs of experts reasonably consulted by the attorneys for the prevailing party.

WHEREFORE, the parties have caused this Connection Agreement to be executed by persons authorized to execute this Agreement on behalf of the parties, effective on the date of the last signature.

Dated: July 14, 1992 CITY OF MARINA

By Edith Johnsen
Mayor Edith Johnsen

ATTEST:

By
Joy P. Junsay, City Clerk

Dated: 14 July, 1992 MARINA COUNTY WATER DISTRICT

By Royce Moore
Royce Moore, President

By Kevin D. Walsh
Kevin D. Walsh, Secretary

The undersigned Agency, for the purpose of being bound to the agreements of the Agency as set forth in paragraphs 6 and 7 hereinabove, hereby execute the above Agreement.

Dated: 7/14, 1992

MONTEREY COUNTY REGIONAL WATER POLLUTION CONTROL AGENCY, a joint powers agency

By Charles W. Benson
Charles W. Benson, Chairman

By Keith Israel
Keith Israel, Board Secretary

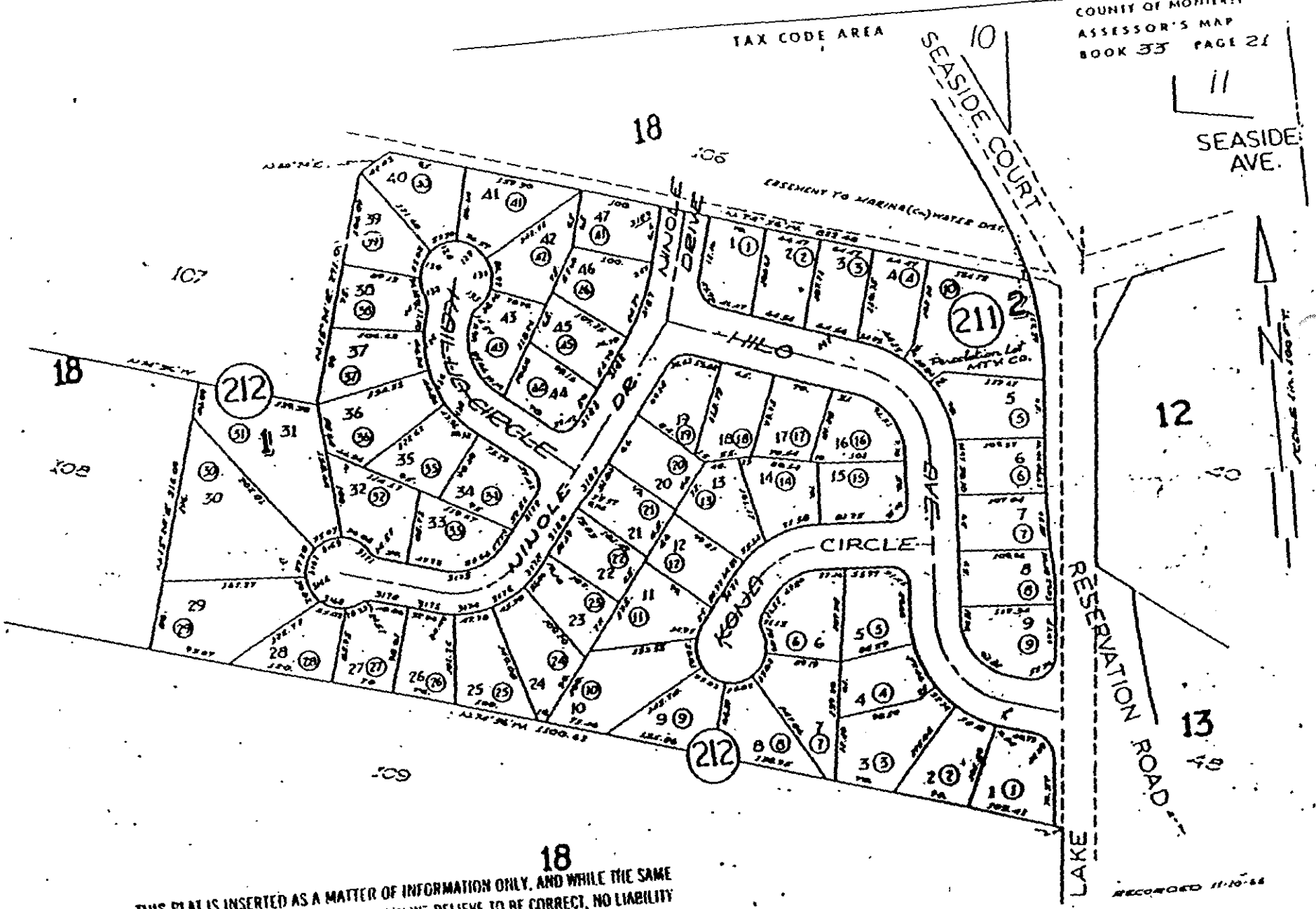
12400\D-PT&HM.F2:62492/2

EXHIBIT A

The land situated in the County of Monterey, State of California and is described as follows:

Percolation Lot, in Block 2, as said Lots and Block are shown in that certain map entitled, "Tract No. 527, Map of Marina Beach," filed for record November 10, 1966, in the Office of the County Recorder of the County of Monterey, State of California, in Volume 8 of Maps, "Cities and Towns," at Page 100.

APN: 033-211-10



THIS PLAT IS INSERTED AS A MATTER OF INFORMATION ONLY, AND WHILE THE SAME IS COMPILED FROM INFORMATION WHICH WE BELIEVE TO BE CORRECT, NO LIABILITY IS ASSUMED BY THIS COMPANY AS TO THE CORRECTNESS OF SAID INFORMATION

MRWPCA

MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY

Monterey County, California

EXHIBIT B - EXISTING DRAINAGE SYSTEM

CONTRACT DOCUMENTS FOR THE CONSTRUCTION OF

MARINA COUNTY WATER DISTRICT CONNECTION FACILITIES

VOLUME 3 OF 3

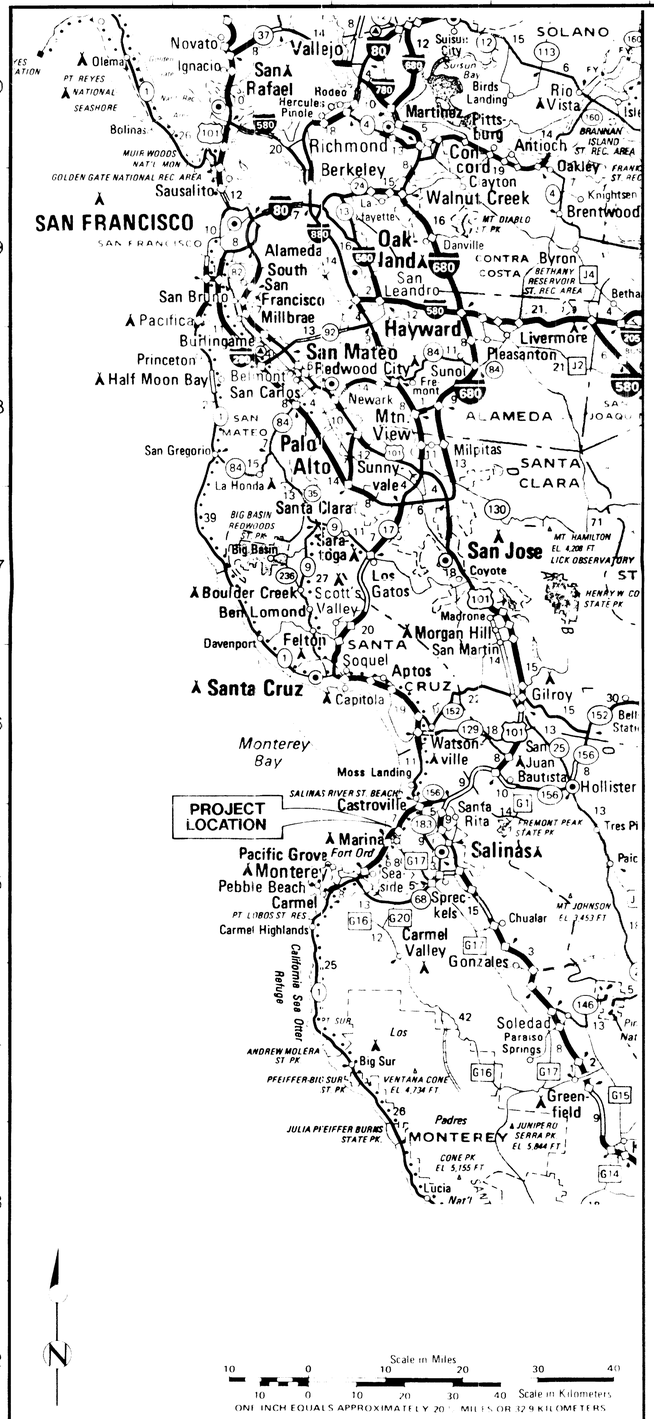
PART C - DRAWINGS

GENERAL-ARCHITECTURAL-STRUCTURAL-PIPING, PROCESS AND INSTRUMENTATION DIAGRAM-MECHANICAL-ELECTRICAL

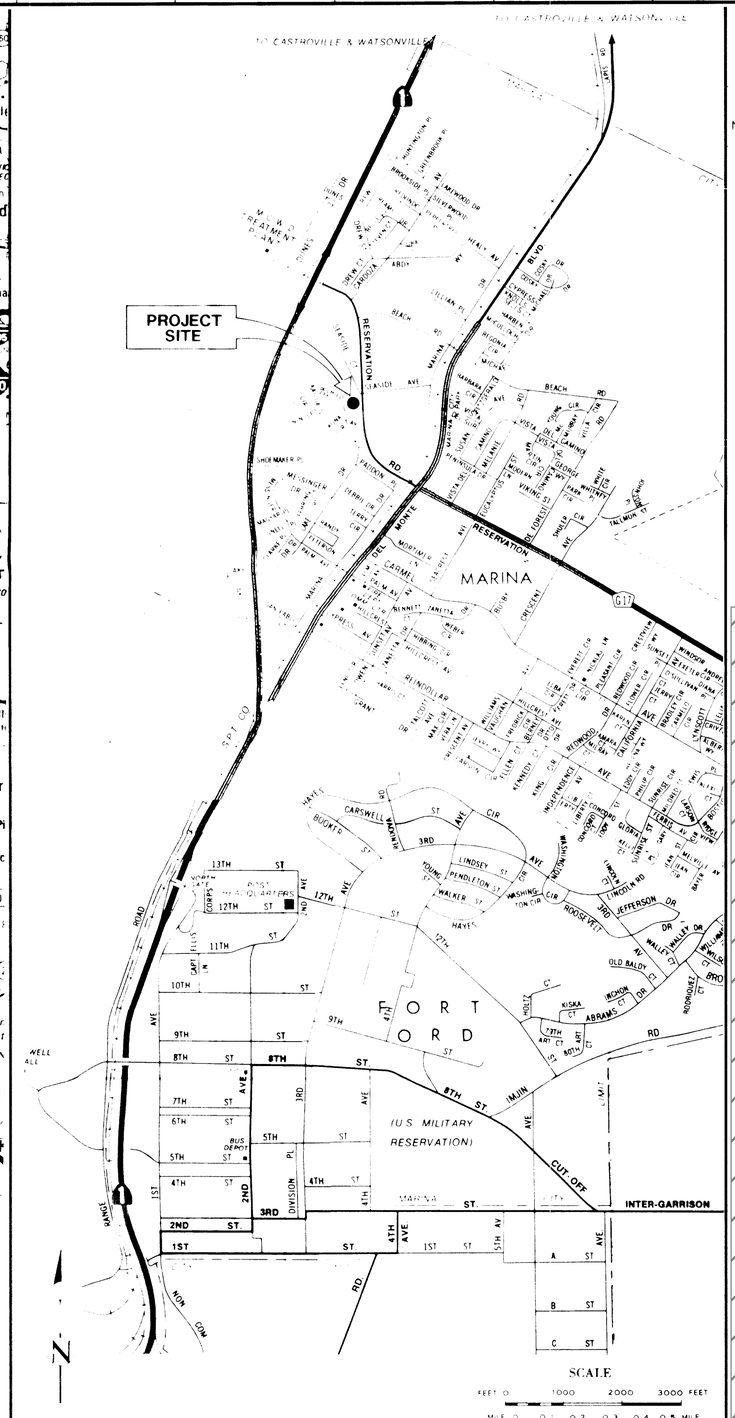
January 1992

Brown and Caldwell

Copy No.



VICINITY MAP



LOCATION MAP

PART C - INDEX OF DRAWINGS

SHEET NUMBER	DRAWING NUMBER	TITLE
		GENERAL
		COVER SHEET
1	G1	VICINITY MAP, LOCATION MAP, AND INDEX OF DRAWINGS
2	G2	STANDARD ABBREVIATIONS
3	G3	STANDARD SYMBOLS AND DRAWING CONVENTIONS
4	G4	PLAN AND PROFILE 1
~~5~~	~~G5~~	~~PLAN AND PROFILE 2~~
~~6~~	~~G6~~	~~MISCELLANEOUS DETAILS 1~~
7	G7	MISCELLANEOUS DETAILS 2
8	G8	MISCELLANEOUS DETAILS 3
9	G101	SITE PLAN
10	G102	LANDSCAPE PLANTING PLAN
~~11~~	~~G103~~	~~LANDSCAPE IRRIGATION PLAN~~
~~12~~	~~G104~~	~~LANDSCAPE AND IRRIGATION DETAILS 1~~
~~13~~	~~G105~~	~~LANDSCAPE AND IRRIGATION DETAILS 2~~
		ARCHITECTURAL
		RESERVATION ROAD PUMPING STATION
14	A101	LOWER FLOOR PLAN
15	A102	GROUND FLOOR PLAN AND DOOR SCHEDULE
16	A103	EXTERIOR ELEVATIONS
17	A104	ROOF PLAN AND SECTION
18	A105	MISCELLANEOUS DETAILS
		STRUCTURAL
19	S1	GENERAL STRUCTURAL NOTES
20	S2	TYPICAL CONCRETE DETAILS
21	S3	TYPICAL METALWORK DETAILS
22	S4	MISCELLANEOUS DETAILS
		RESERVATION ROAD PUMPING STATION
23	S101	FOUNDATION PLAN AND SECTIONS
24	S102	GROUND FLOOR PLAN AND SECTIONS
25	S103	ROOF FRAMING PLANS, SECTIONS AND DETAILS
26	S104	SECTIONS AND DETAILS 1
27	S105	SECTIONS AND DETAILS 2
28	S106	SECTIONS
29	S107	SECTIONS AND DETAILS
		PIPING, PROCESS, AND INSTRUMENTATION DIAGRAMS
30	P1	PIPING AND MECHANICAL SYMBOLS
31	P2	INSTRUMENTATION SYMBOLS AND IDENTIFICATION SYSTEM
32	P11	PRIMARY PUMPING 1
33	P12	PRIMARY PUMPING 2
34	P13	UTILITY WATER SYSTEM
35	P14	DRAINAGE AND STANDBY GENERATOR SYSTEMS

SHEET NUMBER	DRAWING NUMBER	TITLE
		MECHANICAL
36	M1	STANDARD PIPE HANGERS
37	M2	STANDARD STRUCTURAL PIPE ATTACHMENTS
38	M3	PIPE PENETRATIONS AND MISCELLANEOUS DETAILS
39	M4	MISCELLANEOUS DETAILS
40	M5	HVAC DESIGNATIONS, DIFFUSER SCHEDULE, AND VENTILATION EQUIPMENT DETAILS
		RESERVATION ROAD PUMPING STATION
41	M101	LOWER FLOOR PIPING PLAN
42	M102	GROUND FLOOR PLAN
43	M103	LOWER FLOOR HVAC PLAN
44	M104	SECTION
45	M105	SECTIONS 1
46	M106	SECTIONS 2
47	M107	FUEL STORAGE TANK SECTIONS AND DETAILS
48	M110	AIRFLOW SCHEMATIC
		ELECTRICAL
49	E1	ELECTRICAL SYMBOLS AND ABBREVIATIONS
50	E2	ELECTRICAL SYMBOLS
51	E3	CONSTRUCTION DETAILS 1
52	E4	CONSTRUCTION DETAILS 2
53	E5	CONSTRUCTION DETAILS 3
54	E6	CONSTRUCTION DETAILS 4
55	E7	INSTRUMENT PANEL 601 AND TELEMETRY PANEL 603
56	E10	SINGLE LINE DIAGRAM
57	E20	CONTROL DIAGRAMS 1
58	E21	CONTROL DIAGRAMS 2
59	E22	CONTROL DIAGRAMS 3
60	E23	CONTROL DIAGRAMS 4
61	E24	CONTROL DIAGRAMS 5
62	E25	CONTROL DIAGRAMS 6
63	E100	SITE PLAN
		RESERVATION ROAD PUMPING STATION
64	E101	LOWER FLOOR PLANS POWER, CONTROL, AND SIGNAL
65	E102	GROUND FLOOR POWER, CONTROL, AND SIGNAL PLAN
66	E103	GROUNDING PLANS
67	E104	LOWER FLOOR LIGHTING PLAN
68	E105	GROUND FLOOR LIGHTING PLAN
69	E106	PART PLANS ELECTRICAL ROOM POWER, CONTROL, AND SIGNAL PLANS

Brown and Caldwell Consultants

SUBMITTED: DATE: 1-14-92
APPROVED: DATE: 1-14-92
APPROVED: DATE:

LINE IS 2 INCHES AT FULL SIZE (DO NOT SCALE ACCORDING)

FILE 547B
DRAWN MRCHAVES
DESIGNED TMK/MBC
CHECKED
CHECKED

REGISTERED PROFESSIONAL ENGINEER — No. 13360 — CIVIL — STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER — TIMOTHY M. KELLEY — No. 27991 — CIVIL — STATE OF CALIFORNIA

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP.

MCWD CONNECTION FACILITIES

MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY
MONTEREY COUNTY, CALIFORNIA

GENERAL

VICINITY MAP, LOCATION MAP AND INDEX OF DRAWINGS

SCALE: AS SHOWN

DRAWING NUMBER: G1

SHEET NUMBER

AA	ATOMIC ABSORPTION UNIT
A	AMPERE
AB	ANCHOR BOLT, AGGREGATE BASE
AC	ASPHALT CONCRETE, ALTERNATING CURRENT, AIR CONDITIONER
A/C	AIR CONDITIONING
ACC	AREA CONTROL CENTER
ACP	ASBESTOS CEMENT PIPE
ACST	ACOUSTIC
ADWF	AVERAGE DRY WEATHER FLOW
AF	AIR FILTER
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ALUM	ALUMINUM SULPHATE
ALT	ALTERNATE
AMD	AIR MONITORING DEVICE
ANC	ANCHOR
APPROX	APPROXIMATE(LY)
AR	ALARM RELAY
AS	AIR SUPPLY
ASSY	ASSEMBLY
ATM	ATMOSPHERE
AV	ANGLE VALVE
B	BLOWER
BC	BEGINNING OF CURVE
BCOP	BARE COPPER
BCR	BEGINNING OF CURVE RETURN
BF	BLIND FLANGE
BFV	BUTTERFLY VALVE
BHP	BRAKE HORSEPOWER
BLDG	BUILDING
BLK	BLOCK
BM	BEAM, BENCHMARK
BOD	BIOCHEMICAL OXYGEN DEMAND
BOT	BOTTOM
BSN	BAR SCREEN
BTU	BRITISH THERMAL UNIT
BV	BALL VALVE
BVC	BEGINNING OF VERTICAL CURVE
CAB	DIRECT BURIAL CABLE
CAP	CAPACITY
CB	CATCH BASIN
CC	COOLING COIL
C-C	CENTER TO CENTER
CCP	CONCRETE CYLINDER PIPE
CCSP	CONCRETE LINED AND COATED STEEL PIPE
CD	CEILING DIFFUSER
CDR	CONDUCTOR, CONDENSER
CDU	CONDENSING UNIT
CED	CEILING EXHAUST DIFFUSER
CER	CEILING EXHAUST REGISTER
CF	CUBIC FEET
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CFR	CODE OF FEDERAL REGULATIONS
CFS	CUBIC FEET PER SECOND
CHR	CHILLER
CI	CAST IRON
CIP	CAST IRON PIPE
CIRC	CIRCUMFERENCE
CJ	CONSTRUCTION JOINT
CKPL	CHECKER PLATE
CL	CLEARANCE
CLR	CLEAR, CHLORINATOR
CL2	CHLORINE
CM	MANUAL CONTROL STATION
CMA	MANUAL-AUTO CONTROL STATION
CMC	CEMENT MORTAR COATED
CML	CEMENT MOTOR LINED
CMP	CORRUGATED METAL PIPE
CMP-AC	CORRUGATED METAL PIPE ASPHALT COATED
CNTL	CONTROL
CO	CLEANOUT
CO2	CARBON DIOXIDE
COD	CHEMICAL OXYGEN DEMAND
COF	COOLING AIR
COL	COLUMN
COM	COMMINUTOR
CONC	CONCRETE
COND	CONDUCTIVITY, CONDUCTOR, CONDENSATE
CONN	CONNECTION
CONT	CONTINUED(OUS)
CP	COMPRESSOR
CPLG	COUPLING
CPVC	CHLORINATED POLYVINYL CHLORIDE
CR	CONTROL RELAY
CRF	CHEMICAL FEEDER
CRN	CRANE
CREJ	CORRUGATED RUBBER EXPANSION JOINT
CSD	CEILING SUPPLY DIFFUSER
CTF	CENTRIFUGE
CTR	CONTRACTOR, CENTER
CU	CONTROL UNIT, COPPER, CUBIC
CV	CONTROL VALVE
D	DRAIN
DB	DUCT BANK
DE	DENSITY METER
DET	DETAIL
DF	DRINKING FOUNTAIN
DFD	DUCT FIRE DAMPER
DG	DOOR GRILLE
DIA	DIAMETER
DIAG	DIAGRAM
DIFF	DIFFERENTIAL
DLD	DEDICATED LAND DISPOSAL
DM	DAMPER MOTOR
DN	DOWN
DO	DISSOLVED OXYGEN
DPR	DAMPER
DR	DRAIN ROCK, DOOR
DT	DRAIN TRAP, DRIP TRAP
DWG	DRAWING
DWLS	DOWELS
EA	EXHAUST AIR, EACH
EAT	ENTERING AIR TEMPERATURE
EAU	ENGINE ALTERNATOR UNIT
EC	END OF CURVE, EVAPORATIVE COOLER
ECC	ECCENTRIC
ED	EXTRACTOR DAMPER, EQUIPMENT DRAIN
EE	EACH END
EF	EACH FACE
EFF	EFFLUENT
EG	EXHAUST GRILLE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELL	ELBOW
EMBD	EMBEDDED
EMT	ELECTRICAL METALIC TUBING
EP	ELECTRIC/PNEUMATIC CONVERTER
EPR	EVAPORATOR
EPWWF	EQUALIZED PEAK WET WEATHER FLOW
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EXISTING SURFACE
EVC	END OF VERTICAL CURVE
EW	EACH WAY
EWEF	EACH WAY EACH FACE
EWT	ENTERING WATER TEMPERATURE
EX	EXTRA
EXG	EXHAUST GRILLE
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
EWT & B	EACH WAY, TOP AND BOTTOM
F	FAHRENHEIT, FACE, FUSE(D), FAN
FAB	FABRICATE(D)(TION)
FAI	FRESH AIR INTAKE
FB	FLAT BAR, FLOOR BEAM
FC	FAIL CLOSED
FCO	FLOOR CLEANOUT
FCR	FINE CRUSHED ROCK
FD	FLOOR DRAIN, FIRE DAMPER
FE	FLOWMETER
FF	FAR FACE
F-F	FACE TO FACE
FG	FLAP GATE
FH	FIRE HYDRANT, FLATHEAD
FHD	FLATHEAD
FIN	FINISHED
FL	FLOW LINE
FLEX	FLEXIBLE
FLG	FLANGE(D)
FLP	FLUID POWER UNIT
FLR	FLOOR
FLT	FILTER
FM	FORCE MAIN
FMH	FLEXIBLE METAL HOSE
FO	FAIL OPEN
FPC	FLEXIBLE PIPE COUPLING
FPC-T	FLEXIBLE PIPE COUPLING TO TAKE TENSION
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FRP	FIBERGLASS REINFORCED PIPE
FRS	FREEZESTAT
FS	FLOW SWITCH, FAR SIDE
FSH	FLOW SWITCH HIGH
FSL	FACULTATIVE SLUDGE LAGOON, FLOW SWITCH LOW
FT	FEET
FTG	FOOTING
FTGS	FITTINGS
FUT	FUTURE
FZT	FREEZESTAT
G	POWER ACTUATED GATE
GA	GAGE
GALV	GALVANIZED
GB	GRADE BREAK
GBV	GLOBE VALVE
GD	GUARD
GDR	GRINDER
GEN	GENERAL, GENERATOR
GL	GLASS
GPD	GALLONS PER DAY
GPM	GALLONS PER MINUTE
GR	GRADE
GRD	GROUND
GRT	GROUT
GRTG	GRATING
GSKT	GASKET
GSP	GALVANIZED STEEL PLATE
GV	GATE VALVE
HC	HEATING COIL
HD	HEAVY DUTY
HDOT	HEAVY DUTY OILTIGHT
HER	HEADER
HEX	HEAT EXCHANGER
HOA	HAND-OFF-AUTO
HOR	HORIZONTAL
HP	HIGH PRESSURE, HIGH POINT, HORSEPOWER
HR	HANDRAIL, HEAT RESERVOIR, HOUR
HST	HOIST
HT	HEIGHT, HIGH
HTR	HEATER
HTV	HIGH TEMPERATURE VENT
HV	HOSE VALVE, HEATING AND VENTILATING UNIT
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
HWTR	HIGH WATER
HYD	HYDRAULIC
HYDT	HYDRANT
I	INTEGRAL CONTROL
IA	INSTRUMENT AIR
ID	INSIDE DIAMETER
ICN	INCINERATOR
IF	INSIDE FACE
IL	INDICATING LAMP
IN	INCH
INF	INFLUENT
INJ	INJECTOR
INS	INSULATE(D)(ION)
INSTR	INSTRUMENTATION
INT	INTERIOR
INTER	INTERMEDIATE
INV	INVERT
IT	INSTRUMENT TAP
JB	JUNCTION BOX
JST	JOIST
JT	JOINT
K	KIP (1000 POUNDS)
KO	KNOCK OUT
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KW	KILOWATT
L	LENGTH
LAM	LAMINATED
LAT	LEAVING AIR TEMPERATURE, LATERAL, LATITUDE
LB	POUND
LEV	LEVEL
LG	LONG
LOS	LOCKOUT STOP
LP	LOW PRESSURE, LIGHTING PANEL
LS	LEVEL SWITCH
LSH	LEVEL SWITCH HIGH
LSL	LEVEL SWITCH LOW
LTG	LIGHTING
LVR	LOUVER
LWR	LOWER
MAN	MANUAL(LY)
MAX	MAXIMUM
MBH	THOUSAND BTU'S PER HOUR
MCC	MOTOR CONTROL CENTER
MCM	THOUSAND CIRCULAR MILLS
MD	MOTORIZED DAMPER
MEE	MISCELLANEOUS ELECTRICAL EQUIPMENT
MECH	MECHANICAL
MFR	MANUFACTURE(R)
MGD	MILLION GALLONS PER DAY
MG/L	MILLIGRAMS PER LITER
MH	MANHOLE
MIE	MISCELLANEOUS INSTRUMENTATION EQUIPMENT
MILSPEC	MILITARY SPECIFICATION
MIN	MINIMUM, MINUTE
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
ML	MILLILITER
MME	MISCELLANEOUS MECHANICAL EQUIPMENT
MOP	MOTOR OPERATOR
MTR, M	MOTOR
MUL/DIV	MULTIPLY/DIVIDE
MV	MUD VALVE, MILLIVOLT
MVU	MOBILE VENTILATION UNIT
MX	MIXER
N	NEUTRAL, NORTH
NA	NONAUTOMATIC
NAOH	SODIUM HYDROXIDE
NC	NORMALLY CLOSED
NEG	NEGATIVE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN, NUMBER
NOX	NITRATES AND NITRITES
NPSH	NET POSITIVE SUCTION HEAD
NRS	NONRISING STEM
NS	NEAR SIDE
NTS	NOT TO SCALE
OA	OUTSIDE AIR, OVERALL
OAI	OUTSIDE AIR INTAKE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OL	OVERLOAD
OPNG	OPENING
OPP	OPPOSITE
ORF	ODOR REMOVAL FILTER
ORP	OXIDATION REDUCTION POTENTIAL
ORT	ODOR REMOVAL TOWER
ORU	ODOR REDUCTION UNIT
OSA	OUTSIDE AIR
P	PUMP, PHASE, PROCESS
PAR	PARALLEL
PC	PLAIN CONCRETE, PIPE COUPLING
PCC	PLANT CONTROL CENTER
PCHV	PINCH VALVE
PCP	PLAIN CONCRETE PIPE
PC-T	PIPE COUPLING TO TAKE TENSION
PCU	PHOTOELECTRIC CONTROL UNIT
PE	PNEUMATIC/ELECTRICAL CONVERTER
PF	POWER FACTOR, PRESSURIZED FLOW
PG	PRESSURE GAGE
P&ID	PROCESS AND INSTRUMENTATION DIAGRAM
PI	PRESSURE INDICATOR, POINT OF INTERSECTION
PIVC	POINT OF INTERSECTION ON VERTICAL CURVE
PL	PROPERTY LINE, PIPELINE, PLATE
PLYWD	PLYWOOD
PNL	PANEL, PANELBOARD
POC	POINT OF CURVE
POP	PNEUMATIC OPERATOR
PP	POWER POLE
PRES	PRESSURE
PRD	PRESSURE RELIEF DAMPER
PRV	PRESSURE REGULATING (REDUCING) VALVE, PRESSURE RELIEF VALVE
PRS	PRESSURE REDUCING STATION
PS	PRESSURE SWITCH, PRESSURE SENSOR
PSF	POUNDS PER SQUARE FOOT
PSH	PRESSURE SWITCH HIGH
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE INCH GAGE
PSL	PIPE SLEEVE, PRESSURE SWITCH LOW
PSV	POP SAFETY VALVE
PV	PLUG VALVE, PROCESS VARIABLE
PVC	POLYVINYL CHLORIDE
PVL	PRESSURE VESSEL
PVT	PAVEMENT
Q	RATE OF FLOW
QCPLG	QUICK COUPLING
R	RADIUS, RISER
R/C	REINFORCED CONCRETE
RA	RETURN AIR
RAF	ROLL TYPE AIR FILTER
RCDR	RECORDER
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RDWY	ROADWAY
REC	RECEIVER
RECD	RECEIVED
RECP	RECEPTACLE
RED	REDUCE(R)
REG	REGULATOR
REINF	REINFORCE, REINFORCING
REL	RELAY
REM	REMOVE, REMOVALBE
REQ'D	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RR	RAILROAD
RT	RIGHT
RTP	REINFORCED THERMOSET POLYESTER
RTU	REMOTE TERMINAL UNIT
RL	REDUCED LEVEL
RWL	RAINWATER LEADER
RWP	RAINWATER PIPE
S	SOUTH, SILENCER
SB	SIGNAL BOX
SCH	SCHEDULE
SCR	SCRUBBER
SD	SPLITTER DAMPER, SMOKE DETECTOR
SECT	SECTION
SEP	SEPARATOR
SG	SUPPLY GRILLE, SLUICE GATE-MANUAL
SHT	SHEET
SI	SPEED INCREASER
SIM	SIMILAR
SL	SLOPE
SLG	SLIDE GATE
SN	SCREEN
SP	SPACE, SET POINT, STATIC PRESSURE, STOP
SPEC	SPECIFICATION(S)
SPG	SPACING
SO2	SULFUR DIOXIDE
SPL	SPLICE
SQ	SQUARE
SR	SPEED REDUCER
SRV	SAFETY RELIEF VALVE
SS	STAINLESS STEEL
SSFH	STAINLESS STEEL FLAT HEAD
SSK	SERVICE SINK
ST	START
STA	STATION
STD	STANDARD, STORM DRAIN
STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTURE
SUB	SUBSTITUTE, SUBSTATION
SUPT	SUPPORT
SURF	SURFACE
SV	SOLENOID VALVE
SWB	SWITCHBOARD
SYM	SYMMETRICAL
T	TANK, TRAP
T & B	TOP AND BOTTOM
TB	TERMINAL BOX
T/B	TOP OF BANK
TC	TOP OF CURB
TCL	TOTALLY CLOSED
TCP	TEMPERATURE CONTROL PANEL
TD	TIME DELAY RELAY, TANK DRAIN, TEMPERATURE DIFFERENCE
TE	TOTALLY ENCLOSED, THICKENER EFFLUENT
TI	TEMPERATURE INDICATOR
TOA	TEST-OFF-AUTO
TP	TANGENT POINT
TPG	TOPPING
TPLX	TRIPLEXED
TR	STAIR TREAD
TRM	TRANSMITTER
TRN	TRANSDUCER
TS	TEMPERATURE SWITCH
TSH	TEMPERATURE SWITCH HIGH
TSL	TEMPERATURE SWITCH LOW
TST	THERMOSTAT
TV	THERMOSTATIC VALVE
TYP	TYPICAL
UB	UTILITY BOX
UH	UNIT HEADER
UL	ULTIMATE LOAD
UN	UNION
UG	UNDER GROUND
UP	UTILITY POLE
US	UTILITY STATION
USS	UNIT SUBSTATION
V	VALVE, VOLTS, VENT
VAC	VOLTS ALTERNATING CURRENT
VAR	VARIES, VARIABLE
VB	VALVE BOX
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VD	VOLUME DAMPER
VDC	VOLTS DIRECT CURRENT
VERT	VERTICAL
VFC	VARIABLE FREQUENCY CONTROLLER
VP	VAPOR PRESSURE, VACUUM PUMP
VSC	VARIABLE SPEED COUPLING, VARIABLE SPEED CONTROLLER
VSD	VARIABLE SPEED DRIVE
VTR	VENT THROUGH ROOF
W/	WITH
WC	WATER CLOSET, WATER COLUMN
WCO	WALL CLEANOUT
WD	WOOD
WEG	WALL EXHAUST GRILLE
WER	WALL EXHAUST REGISTER
WF	WIDE FLANGE
WI	WROUGHT IRON
W/O	WITHOUT
WS	WATER SURFACE
WSR	WALL SUPPLY REGISTER
WSTP	WATERSTOP
WT	WATERTIGHT
WWF	WELDED WIRE FABRIC
X	SPARE CONDUIT
XFMR	TRANSFORMER
XLP	CROSS LINKED POLYETHYLENE
XP	EXPLOSION PROOF
XSW	TRANSFER SWITCH
YCO	YARD CLEANOUT
ZS	POSITION SWITCH, (LIMIT) SWITCH

NOTES:

1. ADDITIONAL ABBREVIATIONS ARE DEFINED IN ANSI Y1.1-1972.
2. FOR ELECTRICAL ABBREVIATIONS SEE DWG E1.
3. STANDARD ABBREVIATIONS ARE FOR REFERENCE ONLY. NOT ALL ABBREVIATIONS ARE USED IN THESE CONTRACT DRAWINGS.

Brown and Caldwell
Consultants

SUBMITTED: [signature] PROJECT MANAGER DATE: 1-14-92
APPROVED: [signature] BROWN AND CALDWELL DATE: 1-14-92
APPROVED: DATE:

LINE IS 2 INCHES AT FULL SIZE (IF NOT 2"-SCALE ACCORDINGLY)

FILE
DRAWN
DESIGNED
CHECKED
CHECKED

REGISTERED PROFESSIONAL ENGINEER JOSEPH A. COTTERAL JR. No 13360 Exp 3-31-93 CIVIL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER TIMOTHY M. KELLEY No.27991 EXP 3-31-94 CIVIL STATE OF CALIFORNIA

REVISIONS

ZONE	REV	DESCRIPTION	BY	DATE	APP

MCWD CONNECTION FACILITIES

MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY
MONTEREY COUNTY, CALIFORNIA

STANDARD ABBREVIATIONS

SCALE

DRAWING NUMBER G2

SHEET NUMBER

- 3 WAY VALVE
- GATE VALVE
- GLOBE VALVE
- PLUG VALVE
- BALL VALVE
- BUTTERFLY VALVE
- CHECK VALVE
- DOUBLE LEAF CHECK VALVE
- BALL CHECK VALVE
- S — SOLENOID VALVE
- PRESSURE REDUCING REGULATOR (SELF-CONTAINED)
- BACK PRESSURE REGULATOR (SELF-CONTAINED)
- PRESSURE REDUCING VALVE
- BACK PRESSURE REDUCING VALVE
- M — MOTOR OPERATED VALVE (FOR VALVE TYPE SEE SPECS)
- PNEUMATIC OPERATED VALVE (FOR VALVE TYPE SEE SPECS)
- DIAPHGRAM WEIR VALVE (SAUNDERS TYPE)
- PINCH VALVE
- NEEDLE VALVE
- ANGLE VALVE
- PRESSURE RELIEF VALVE
- VACUUM RELIEF VALVE
- PRESSURE AND VACUUM RELIEF VALVE
- SLUICE GATE
- SLIDE GATE
- KNIFE GATE VALVE
- VALVE ON RISER
- BALANCING COCK
- CIRCUIT SETTER
- THERMOSTATICALLY CONTROLLED VALVE
- MANUAL AIR VENT
- AUTOMATIC AIR VENT

- STRAINER
- PIPELINE FLUSHING/SAMPLING COCK CONNECTION
- QUICK CONNECTOR
- CAP OR PLUG
- BLIND FLANGE
- REDUCER OR INCREASER
- FLEXIBLE METAL HOSE (SINGLE LINE PIPE)
- FLEXIBLE METAL HOSE (DOUBLE LINE PIPE)
- FLEXIBLE BRAIDED RUBBER HOSE (SINGLE OR DOUBLE LINE PIPE)
- MECHANICAL PIPE COUPLING
- FLEXIBLE PIPE COUPLING (FPC)
- FLEXIBLE COUPLING
- EXPANSION JOINT
- EXPANSION JOINT
- REDUCING OR INCREASING EXPANSION JOINT
- ORIFICE METER
- UNION
- AMMONIA UNION
- RESTRAINED EXPANSION JOINT
- PIPE ANCHOR
- CALIBRATION CHAMBER
- SIGHT GLASS
- PULSATION DAMPER
- PI — PRESSURE INDICATOR
- RUPTURE DISK (VACUUM RELIEF)
- RUPTURE DISK (PRESSURE RELIEF)
- CHEMICAL SEAL
- PRESSURE SENSOR
- PRA — PRESSURE REDUCING ASSEMBLY

- ROTAMETER
- HOSE RACK
- CB — CATCH BASIN
- PERMANENT BENCH MARK ON SURVEY MONUMENT
- B-12 — SOIL BORING AND DESIGNATION
- UTILITY STATION
- FIRE EXTINGUISHER
- FIRE HYDRANT
- BURIED VALVE
- MH — MANHOLE
- UB — UTILITY BOX
- HOISTING HOOK
- 101 — DOOR NUMBER
- 102 — ROOM NUMBER
- P111 — EQUIPMENT DESIGNATION (SEE THIS DWG)
- 12" RS — PIPING DESIGNATION (SEE THIS DWG)
- RAILROAD (SINGLE TRACK)
- RAILROAD (DOUBLE TRACK)
- CONNECTING LINES
- NON-CONNECTING LINES
- PROPERTY LINE
- MATCH LINE
- CENTER LINE
- SECTION OUTLINE, BOUNDARY OR FUTURE EQUIPMENT AND MATERIALS
- NEW PIPING
- EXISTING PIPING, EQUIPMENT OR STRUCTURES
- EXISTING PIPING TO BE REMOVED OR ABANDONED UNDER THIS CONTRACT. ABANDONED WHEN NOT IN CONFLICT WITH NEW CONSTRUCTION WORK
- FENCE
- HANDRAIL
- CONCRETE CURB AND GUTTER
- CONCRETE MOWING STRIP
- RETAINING WALL

- A.C. PAVEMENT (EL.)
- NATURAL GROUND OR GRADE
- ROCK
- SWALE OR DITCH
- EMBANKMENT
- EXPANSION JOINT CONCRETE PAVEMENT
- DUMMY CONSTRUCTION JOINT CONCRETE PAVEMENT
- SL=.01 — PIPING SLOPE (.01 FT. VERTICAL TO 1 FT. HORIZONTAL)
- 30 — NEW GRADE CONTOURS
- 30 — EXISTING GRADE CONTOURS
- 30 — (SCREENED EXISTING)
- JOINT FILLER
- OR — PLASTIC LINING
- EXIST EQUIPMENT OR MATERIALS TO BE REMOVED UNDER THIS CONTRACT
- TO BE BUILT FOR FUTURE REMOVAL
- REINFORCEMENT IN SECTION
- REINFORCEMENT PLAN OR ELEVATION
- ASPHALTIC CONCRETE
- AGGREGATE BASE
- CONCRETE
- EXISTING CONCRETE
- PRECAST CONCRETE
- MORTAR, GROUT OR PLASTER
- CONCRETE BLOCK
- BRICK OR CAST IRON
- TERRAZZO OR ARTIFICIAL STONE
- TILE
- GRATING SPAN

- CHECKER PLATE
- STEEL OR STAINLESS STEEL
- ALUMINUM
- RIGID INSULATION
- NEOPRENE
- OPENING OR DEPRESSION IN SLAB OR WALL
- OPENING WITH GRATING COVER
- OPENING WITH CHECKER PL. COVER
- WOOD
- CORROSION TEST STATION
- INSULATION JOINT WITH TEST STATION
- ANODE WITH TEST STATION
- ANODE WITHOUT TEST STATION
- @ — AT
- & OR ℄ — AND
- ø — ROUND OR DIAMETER
- ∠ — ANGLE
- x 9.50 — SPOT ELEVATION
- ℄ — CENTER LINE
- ⊕ — PLATE OR PROPERTY LINE
- W/ — WITH
- W/O — WITHOUT

NOTES:

1. FOR ADDITIONAL SYMBOLS SEE DRAWINGS G102, P1, E1 AND E2
2. SYMBOLS ARE FOR REFERENCE ONLY. NOT ALL SYMBOLS ARE USED IN THESE CONTRACT DRAWINGS.

TYPICAL SECTION AND DETAIL NUMBERING SYSTEM

(1) SECTION CUT ON DWG M101

1 / M103 — SECTION NUMBER; DRAWING ON WHICH SECTION APPEARS

(2) DWG M103 THIS SECTION IS IDENTIFIED AS:

1 / M101 — SECTION NUMBER; DRAWING ON WHICH SECTION WAS TAKEN

(3) DETAILS ARE CROSS-REFERENCED IN A SIMILAR MANNER, EXCEPT THAT DETAILS ARE IDENTIFIED BY LETTER RATHER THAN BY NUMBER.

PIPING DESIGNATIONS

NEW PIPING: 18" RS — PIPE SIZE; PIPING SYSTEM (SEE SPECS)

FUTURE PIPING: 18" RS

EXISTING PIPING: 18" RS

NOTE:
SEE PIPING SYSTEM SPECIFICATIONS FOR PIPING MATERIALS LIST, VALVES, AND FITTINGS.

PIPING SYSTEM

D	DRAIN
EE	ENGINE EXHAUST
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
HW	HOT WATER
IA	INSTRUMENT AIR
PD	PUMPED DRAINAGE
RS	RAW SEWAGE
RWP	RAINWATER PIPE
STD	STORM DRAIN
V	VENT
1W	PROTECTED WATER
2W	UNPROTECTED WATER
2WL	LANDSCAPE IRRIGATION

EQUIPMENT DESIGNATIONS

P112A

- EQUIPMENT PREFIX (SEE THIS DWG)
- SEQUENTIAL LETTER OF EQUIPMENT WITH THE SAME THREE DIGIT NO. NUMBER OF EQUIPMENT IN PROCESS AREA

EQUIPMENT PREFIXES

ASC	ADJUSTABLE SPEED CONTROL
BP	BACKFLOW PREVENTER
BSN	BAR SCREEN
F	FAN
FE	FLOW ELEMENT
G	SLIDE GATE
LCV	LEVEL CONTROL VALVE
M	MOTOR
P	PUMP
PCV	PRESSURE CONTROL VALVE
PRV	PRESSURE RELIEF VALVE
PVI	PRESSURE VESSEL
SG	SLUICE GATE
SV	SOLENOID VALVE
T	TANK

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BROWN AND CALDWELL
APPROVED: DATE:

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MCWD CONNECTION FACILITIES

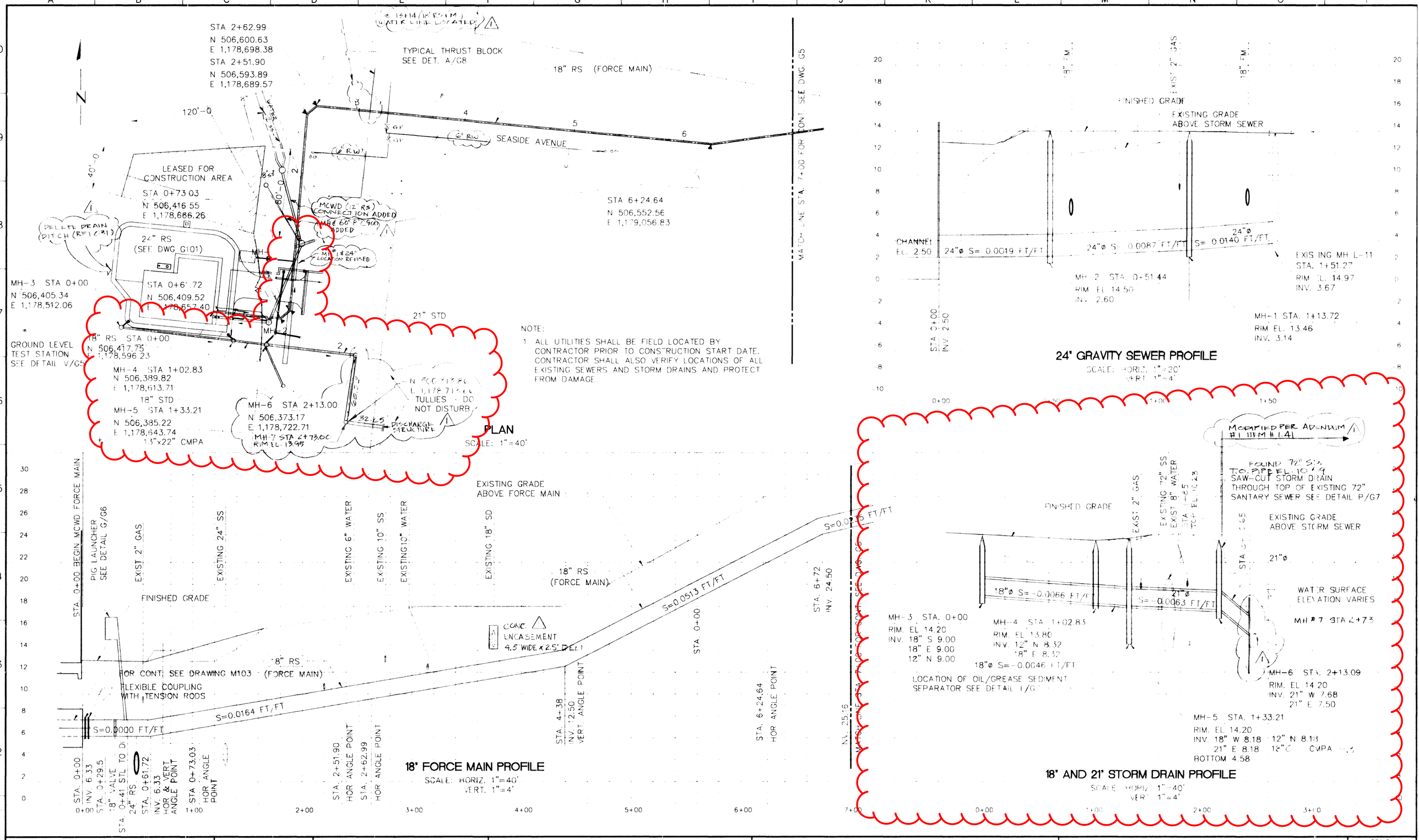
MONTEREY REGIONAL
WATER POLLUTION CONTROL AGENCY
MONTEREY COUNTY, CALIFORNIA

STANDARD SYMBOLS AND DRAWING CONVENTIONS

SCALE

DRAWING NUMBER: G3

SHEET NUMBER



Brown and Caldwell
Consultants

SUBMITTED: [signature] PROJECT MANAGER DATE: 1-14-92
APPROVED: [signature] BROWN AND CALDWELL DATE: 1-14-92
APPROVED: DATE:

LINE IS 2 INCHES AT FULL SIZE (IF NOT 2"-SCALE ACCORDINGLY)

FILE
DRAWN
DESIGNED
CHECKED
CHECKED

REGISTERED PROFESSIONAL ENGINEER JOSEPH A. COTTERAL JR. No. 13360 Feb 9 31 92 CIVIL STATE OF CALIFORNIA

TIMOTHY A. No. 21031 CIVIL

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP.
	1	ADDIT & CORRECTIONS	KT		

MCWD CONNECTION FACILITIES

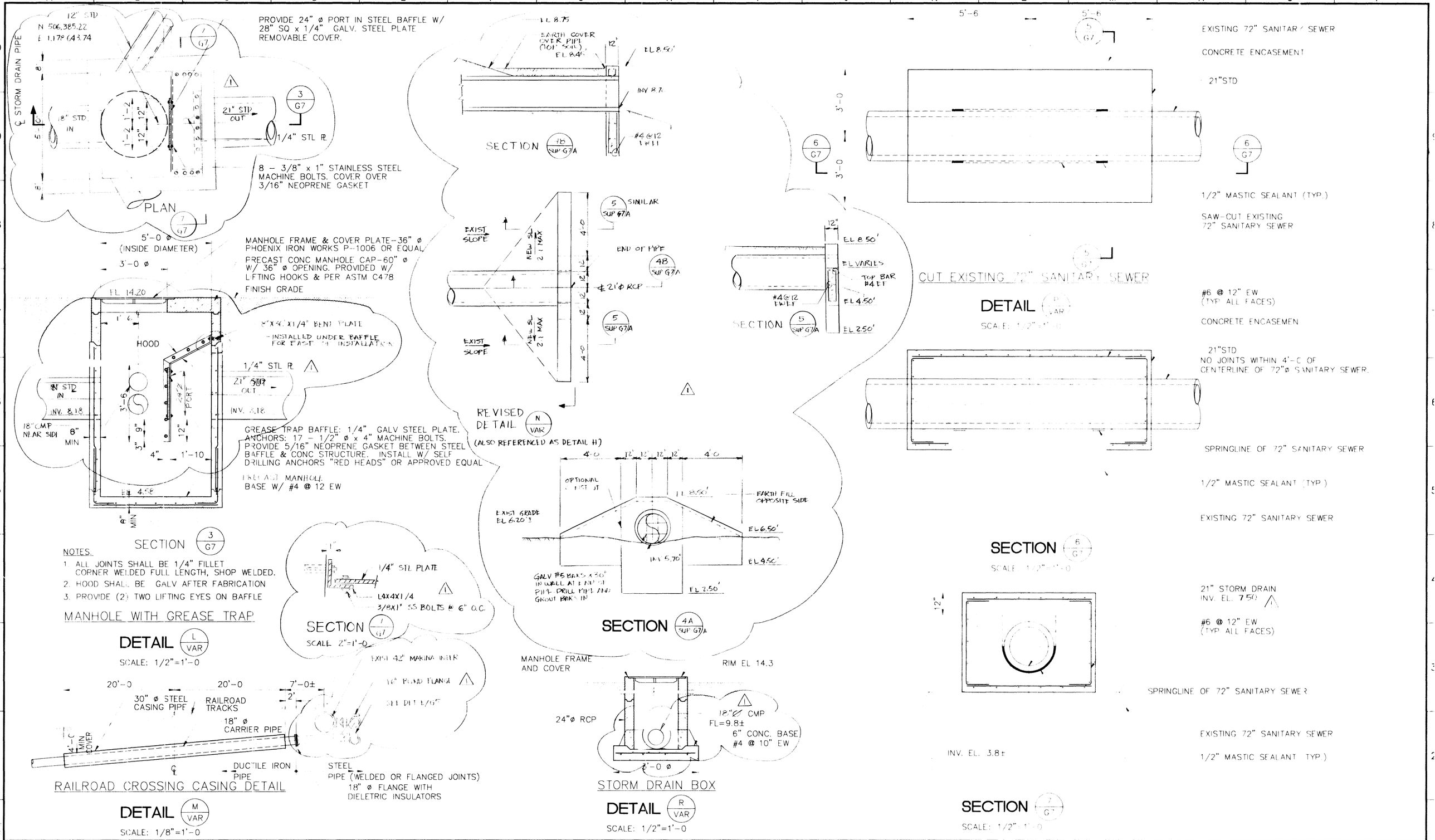
MONTEREY REGIONAL
WATER POLLUTION CONTROL AGENCY
MONTEREY COUNTY, CALIFORNIA

PLAN AND PROFILE 1

SCALE

DRAWING NUMBER
G4

SHEET NUMBER



Brown and Caldwell Consultants

SUBMITTED: [signature] DATE: 1-14-92
PROJECT MANAGER
APPROVED: [signature] DATE: 1-14-92
BROWN AND CALDWELL
APPROVED: DATE:

LINE 5 2 INCHES AT FULL SIZE (IF NOT 2" - SCALE ACCORDINGLY)

FILE
DRAWN
DESIGNED
CHECKED
CHECKED

REGISTERED PROFESSIONAL ENGINEER JOSEPH A. COTTERAL JR. No. 33360 Exp. 3-31-93 CIVIL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER TIMOTHY M. KELLEY No. 27991 Exp. 3-31-94 CIVIL STATE OF CALIFORNIA

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP
	1	AS BLT & CORRECTIONS	KT		

MCWD CONNECTION FACILITIES

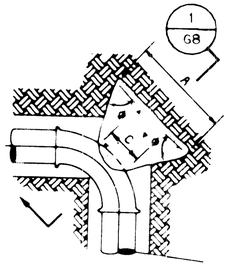
MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY
MONTEREY COUNTY, CALIFORNIA

MISCELLANEOUS DETAILS 2

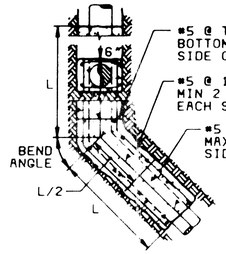
SCALE

DRAWING NUMBER G7

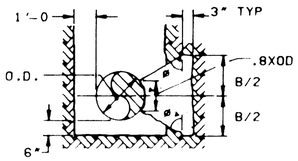
SHEET NUMBER



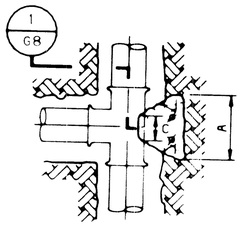
TYPE A



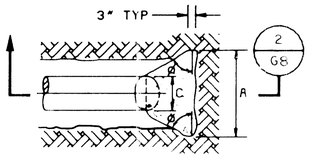
TYPE D



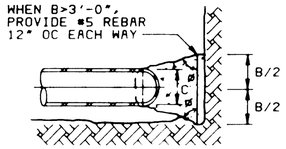
SECTION (1/G8)



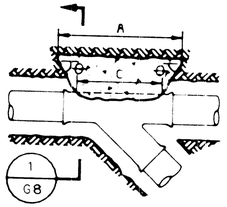
TYPE B



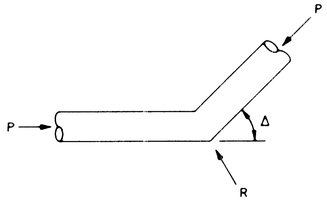
TYPE E



SECTION (2/G8)



TYPE C



$R = 2PA \sin \frac{\Delta}{2}$

WHERE: P = TEST PRESSURE, PSI

A = PIPE AREA, SQ INCHES

THRUST BLOCK REQ'D WHERE Δ > 10

$\text{REQ'D AREA THRUST BLOCK IN FT}^2 = \frac{R \text{ LBS}}{\text{PASSIVE PRESS. LBS/FT}^2}$

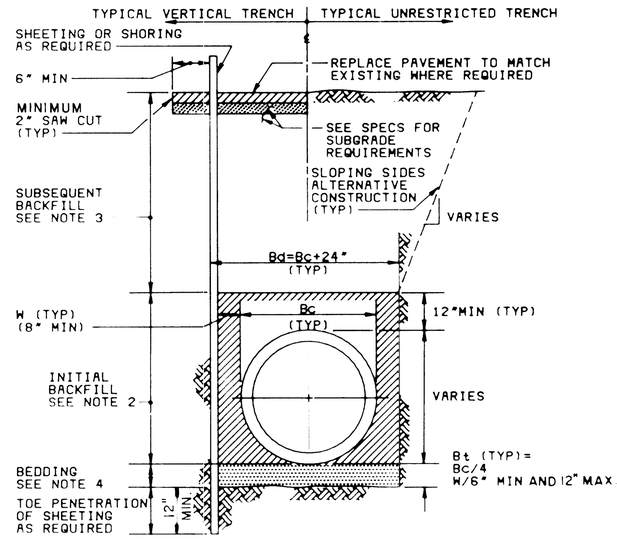
THRUST BLOCK AREA = A X B OR L X B

NOTES:
THE CONTRACTOR SHALL CALCULATE AND INSTALL BLOCK SIZE IN ACCORDANCE WITH THESE NOTES.

1. THE ABOVE DETAILS SHALL APPLY TO ALL BURIED PRESSURE PIPING.
2. FITTINGS TO RECEIVE POLYETHYLENE WRAPPING SHALL BE WRAPPED PRIOR TO POURING THRUST BLOCK.
3. THRUST BLOCK SIZES BASED ON A UNIT PASSIVE SOIL PRESSURE OF 250 PSF PER FOOT OF DEPTH WITH THE FIRST FOOT OF SOIL IGNORED. DEPTH MEASURED TO CENTERLINE OF PIPE.
4. THRUST BLOCKS SHALL BE POURED SOLIDLY AGAINST FIRM, UNDISTURBED SOIL WITH PASSIVE PRESSURE EQUAL TO OR GREATER THAN THAT SHOWN IN NOTE 3.
5. IF LOOSE OR PREVIOUSLY BACKFILLED SOILS ARE ENCOUNTERED, CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OR RESIDENT ENGINEER WHO MAY ADJUST THE DIMENSION SHOWN IN THE SCHEDULE.
6. CONCRETE COMPRESSIVE STRENGTH SHALL MEET SPECIFICATIONS FOR 3000 PSI AT 28 DAYS CURING WHEN TESTED IN ACCORDANCE WITH ASTM C 39.
7. MINIMUM C - DIMENSIONS SHOWN ON THE DETAILS SHALL BE EQUAL TO PIPE OD.
8. CONCRETE SHALL NOT EXTEND BEYOND THE ENDS OF PIPE FITTINGS WITHOUT APPROVAL OF THE CONSTRUCTION MANAGER OR RESIDENT ENGINEER.
9. MINIMUM VALUE OF THRUST BLOCK ANGLE ø SHALL BE 45 DEGREES.
10. WHERE THERE IS INADEQUATE SPACE FOR TYPE "A" THRUST BLOCK AT ANY HORIZONTAL BEND, TYPE "D" IS USED. TYPE "D" THRUST BLOCK SHALL BE APPROVED BY CONSTRUCTION MANAGER.

THRUST BLOCK DETAILS

DETAIL (A/VAR)
NO SCALE



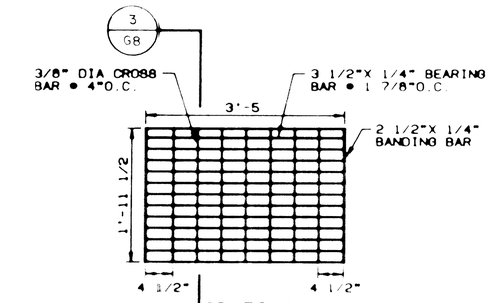
TYPICAL TRENCH DETAIL
APPLIES TO FULL LENGTH OF PIPE

DETAIL (B/VAR)
NO SCALE

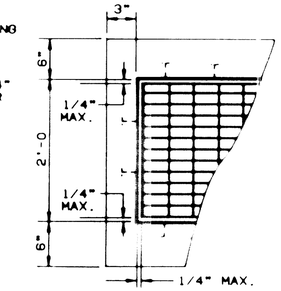
NOTES:

1. BEDDING TYPE LOAD FACTOR 1.9.
2. INITIAL BACKFILL: SEE TABLE A, SEC. 02200.
3. SUBSEQUENT BACKFILL: SEE TABLE A, SEC. 02200.
4. BEDDING MATERIAL: SEE TABLE A, SPEC 02200.

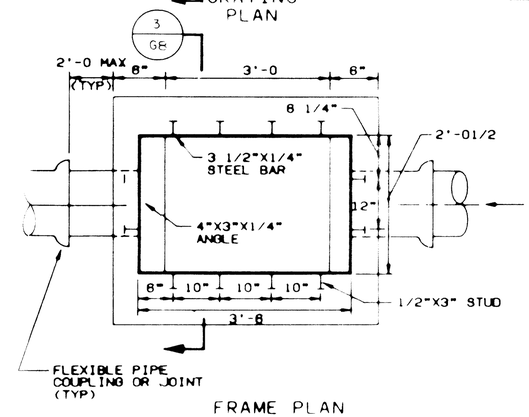
TYPICAL TRENCH LIMITATIONS:
Bd=WIDTH FROM BOTTOM TO 12" ABOVE PIPE
W =CLEARANCE TO SHEETING OR TO EARTH
D =PIPE INSIDE DIAMETER, I.E. NOMINAL PIPE SIZE
Bc=PIPE OUTSIDE DIAMETER
Bt=DEPTH OF BEDDING



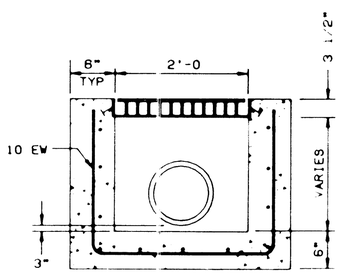
GRATING PLAN



PLAN



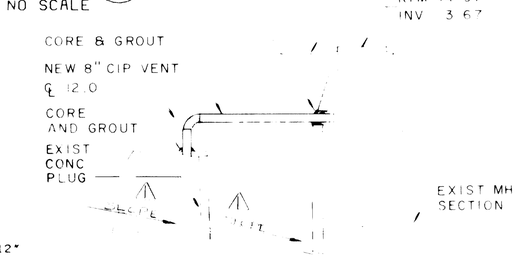
FRAME PLAN



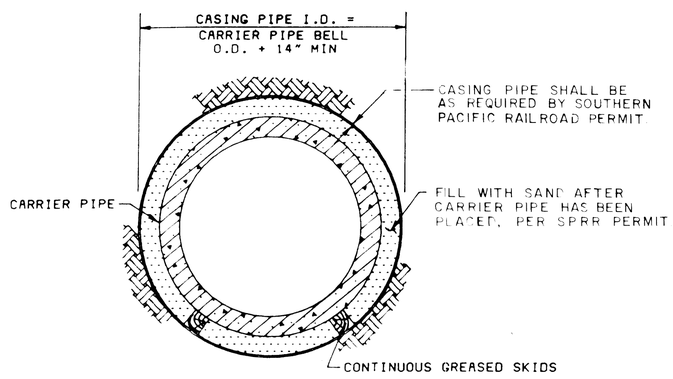
SECTION (3/G8)
NO SCALE

CATCH BASIN

DETAIL (D/VAR)
NO SCALE

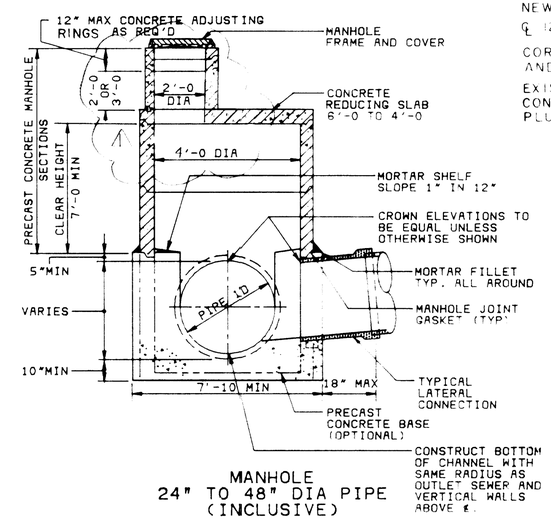


DETAIL (F/G101)



JACKED PIPE WITH CASING SECTION

DETAIL (C/VAR)
NO SCALE



MANHOLE
24" TO 48" DIA PIPE
(INCLUSIVE)

DETAIL (E/VAR)
NO SCALE

Brown and Caldwell Consultants

SUBMITTED: DATE:
APPROVED: (Project Manager) DATE:
APPROVED: (Brown and Caldwell) DATE:

LINE IS 2 INCHES AT FULL SIZE

FILE 5478
DRAWN C TO
DESIGNED M MOAYER
CHECKED
CHECKED

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP.
		AS CORRECTION	KT		

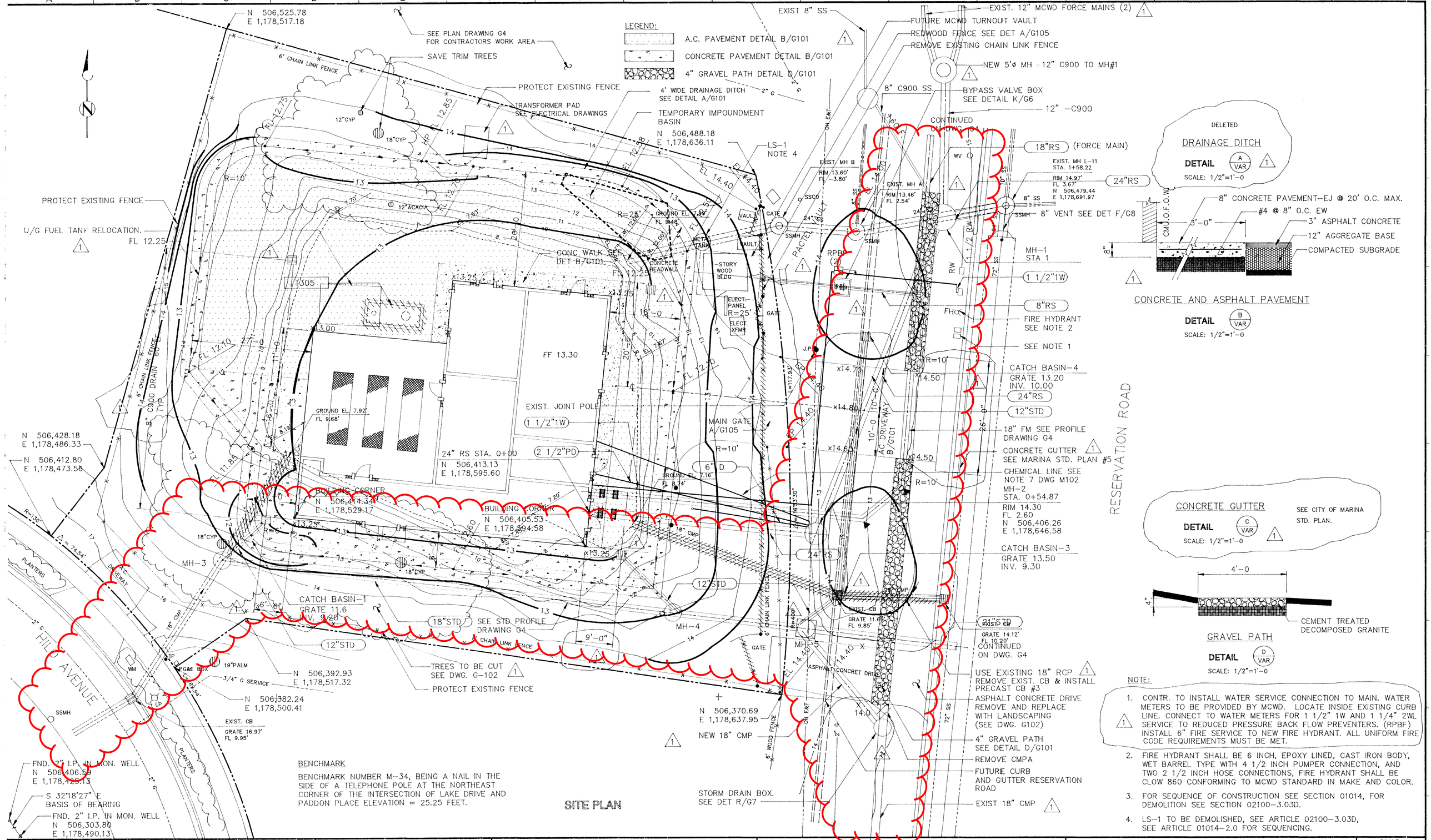
MCWD CONNECTION FACILITIES

MONTEREY REGIONAL
WATER POLLUTION CONTROL AGENCY
MONTEREY COUNTY, CALIFORNIA

GENERAL

MISCELLANEOUS DETAILS 3

SCALE: NO SCALE
DRAWING NUMBER: G8
SHEET NUMBER



BENCHMARK

BENCHMARK NUMBER M-34, BEING A NAIL IN THE SIDE OF A TELEPHONE POLE AT THE NORTHEAST CORNER OF THE INTERSECTION OF LAKE DRIVE AND PADDON PLACE ELEVATION = 25.25 FEET.

SITE PLAN

NOTE:

1. CONTR. TO INSTALL WATER SERVICE CONNECTION TO MAIN. WATER METERS TO BE PROVIDED BY MCWD. LOCATE INSIDE EXISTING CURB LINE. CONNECT TO WATER METERS FOR 1 1/2" 1W AND 1 1/4" 2WL SERVICE TO REDUCED PRESSURE BACK FLOW PREVENTERS. (RPBF) INSTALL 6" FIRE SERVICE TO NEW FIRE HYDRANT. ALL UNIFORM FIRE CODE REQUIREMENTS MUST BE MET.
2. FIRE HYDRANT SHALL BE 6 INCH, EPOXY LINED, CAST IRON BODY, WET BARREL TYPE WITH 4 1/2 INCH PUMPER CONNECTION, AND TWO 2 1/2 INCH HOSE CONNECTIONS, FIRE HYDRANT SHALL BE CLOW 860 CONFORMING TO MCWD STANDARD IN MAKE AND COLOR.
3. FOR SEQUENCE OF CONSTRUCTION SEE SECTION 01014, FOR DEMOLITION SEE SECTION 02100-3.03D.
4. LS-1 TO BE DEMOLISHED, SEE ARTICLE 02100-3.03D, SEE ARTICLE 01014-2.0 FOR SEQUENCING.

Brown and Caldwell Consultants

SUBMITTED: _____ DATE: _____
PROJECT MANAGER
APPROVED: _____ DATE: _____
BROWN AND CALDWELL

LINE IS 2 INCHES AT FULL SIZE (IF NOT 2"-SCALE ACCORDINGLY)

FILE 5478G101
DRAWN C. TO/C.E.C.
DESIGNED C. SOLDATI
CHECKED J. COTTERAL

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP.
	1	AS BLT & CORRECTIONS	KT		

MCWD CONNECTION FACILITIES

MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY
MONTEREY COUNTY, CALIFORNIA

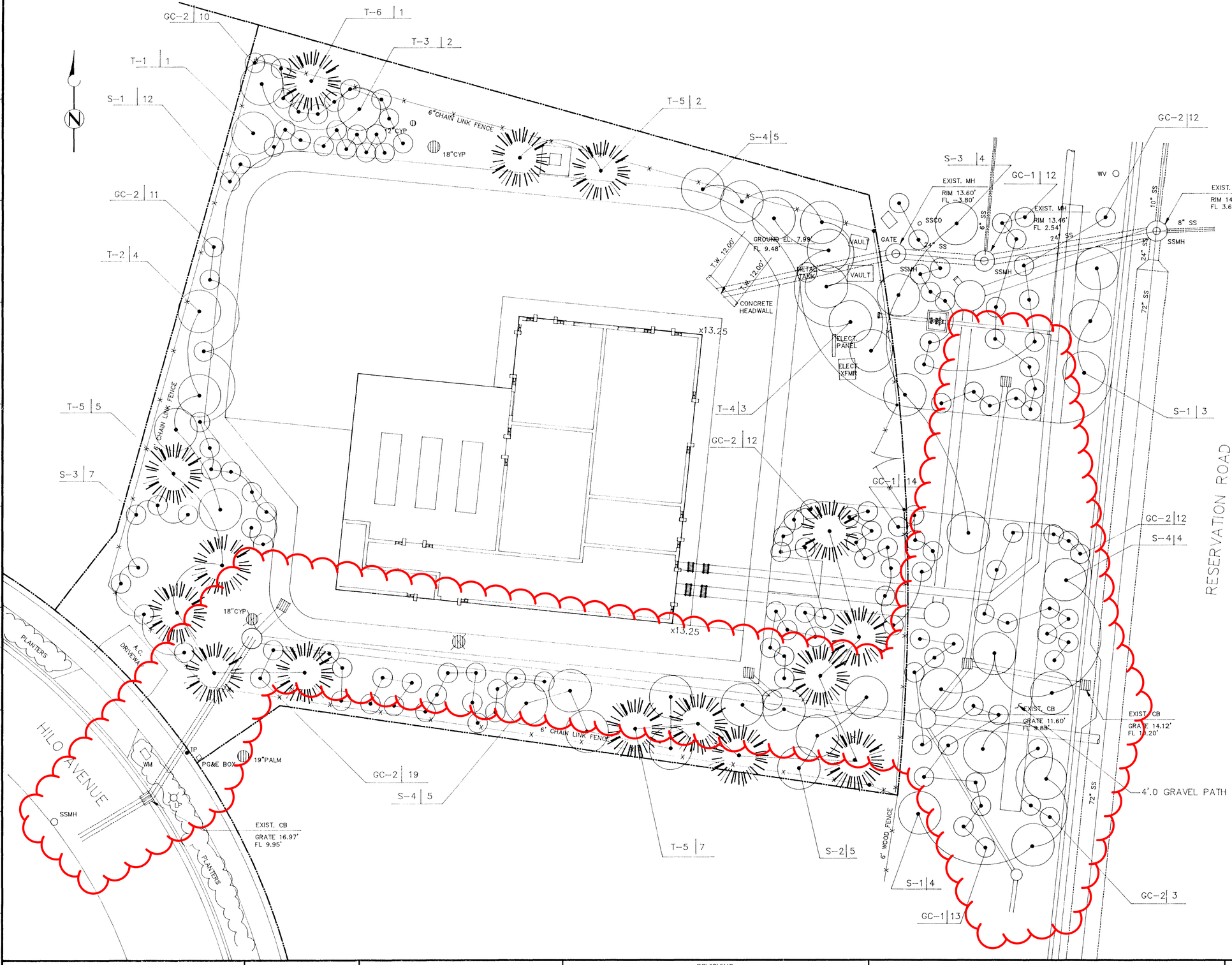
GENERAL

SITE PLAN

SCALE 1" = 10'

DRAWING NUMBER G101

SHEET NUMBER



PLANT MATERIALS LIST

SYM.	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE
TREES				
T-1	1	ACACIA BAILEYANA		5 GAL.
T-2	4	ACACIA CRASPEDOCARPA		5 GAL.
T-3	2	ACACIA DECORA		5 GAL.
T-4	3	CEANOTHUS "RAY HARTMAN"		5 GAL.
T-5	14	CUPRESSUS MACROCARPA	MONTEREY CYPRESS	5 GAL.
T-6	1	PINUS CANARIENSIS	CANARY ISLAND PINE	5 GAL.
SHRUBS				
S-1	19	ARCTOSTAPHYLOS HOOKERI "MONTEREY CARPET"	MANZANITA	1 GAL.
S-2	5	CEANOTHUS "CONCHA"		1 GAL.
S-3	11	CEANOTHUS "DARK STAR"		1 GAL.
S-4	14	FREMONTODENDRON CALIFORNICUM "CALIFORNIA GLORY"		1 GAL.
GROUND COVER				
GC-1	39	CEANOTHUS GLORIOSUS "ANCHOR BAY"		1 GAL.
GC-2	79	CEANOTHUS HORIZONTALIS "YANKEE POINT"		1 GAL.

LEGEND

- TREE TO REMAIN (CONTRACTOR TO PROTECT FROM DAMAGE & TRIM AS NECESSARY) (1)
- TREE TO BE REMOVED
- BROADLEAF TREE OR SHRUB
- CONIFEROUS TREE OR SHRUB
- GROUND COVER

T-1 | 3 — PLANT NUMBER

Brown and Caldwell Consultants

SUBMITTED: _____ DATE: _____
PROJECT MANAGER
APPROVED: _____ DATE: _____
BROWN AND CALDWELL
APPROVED: DATE:

LINE IS 2 INCHES AT FULL SIZE (IF NOT 2"–SCALE ACCORDINGLY)

FILE 5478
DRAWN H.K./TOH
DESIGNED MBC
CHECKED
CHECKED

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP.
	1	AS BLT & CORRECTIONS	KT		

MCWD CONNECTION FACILITIES

MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY
MONTEREY COUNTY, CALIFORNIA

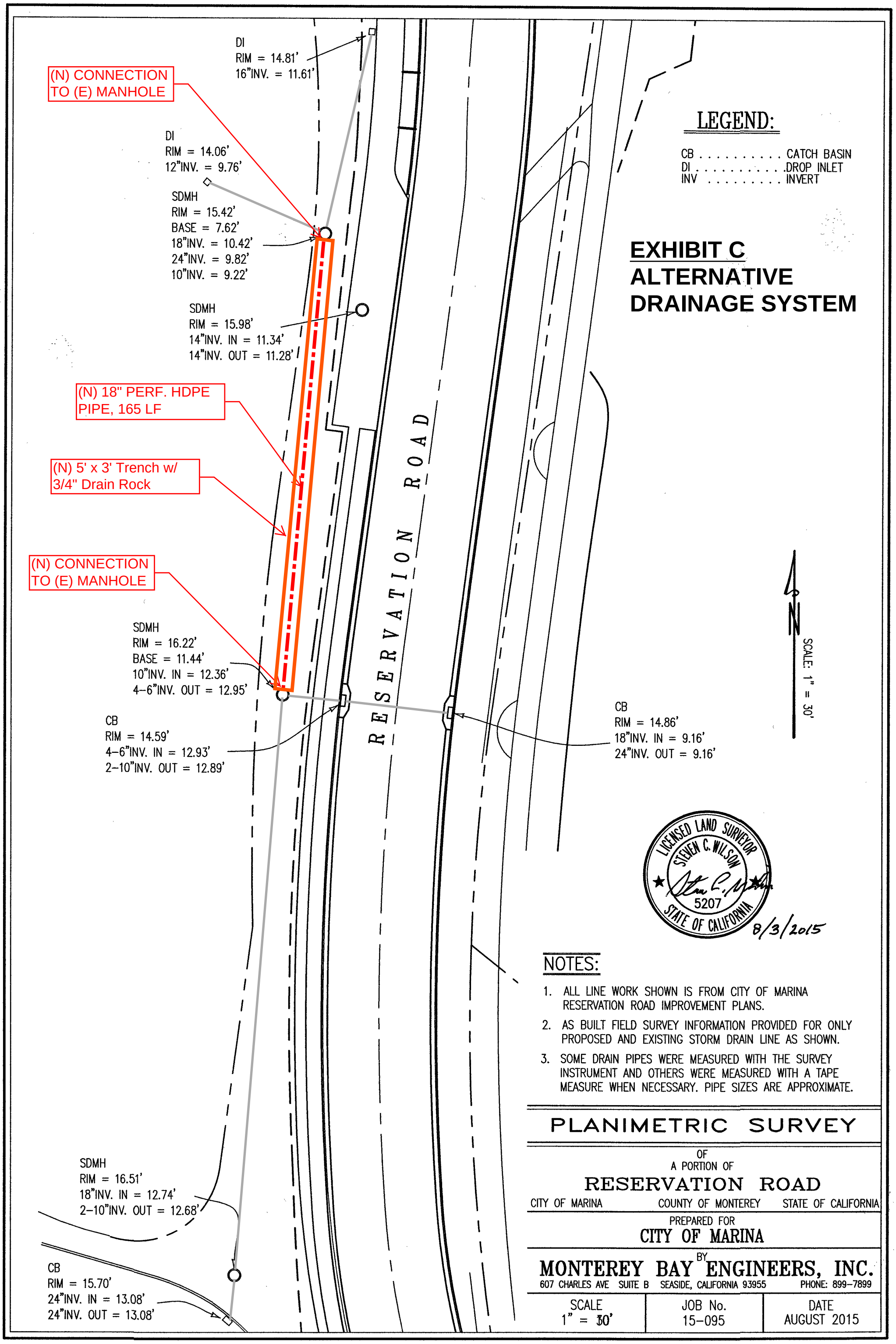
GENERAL

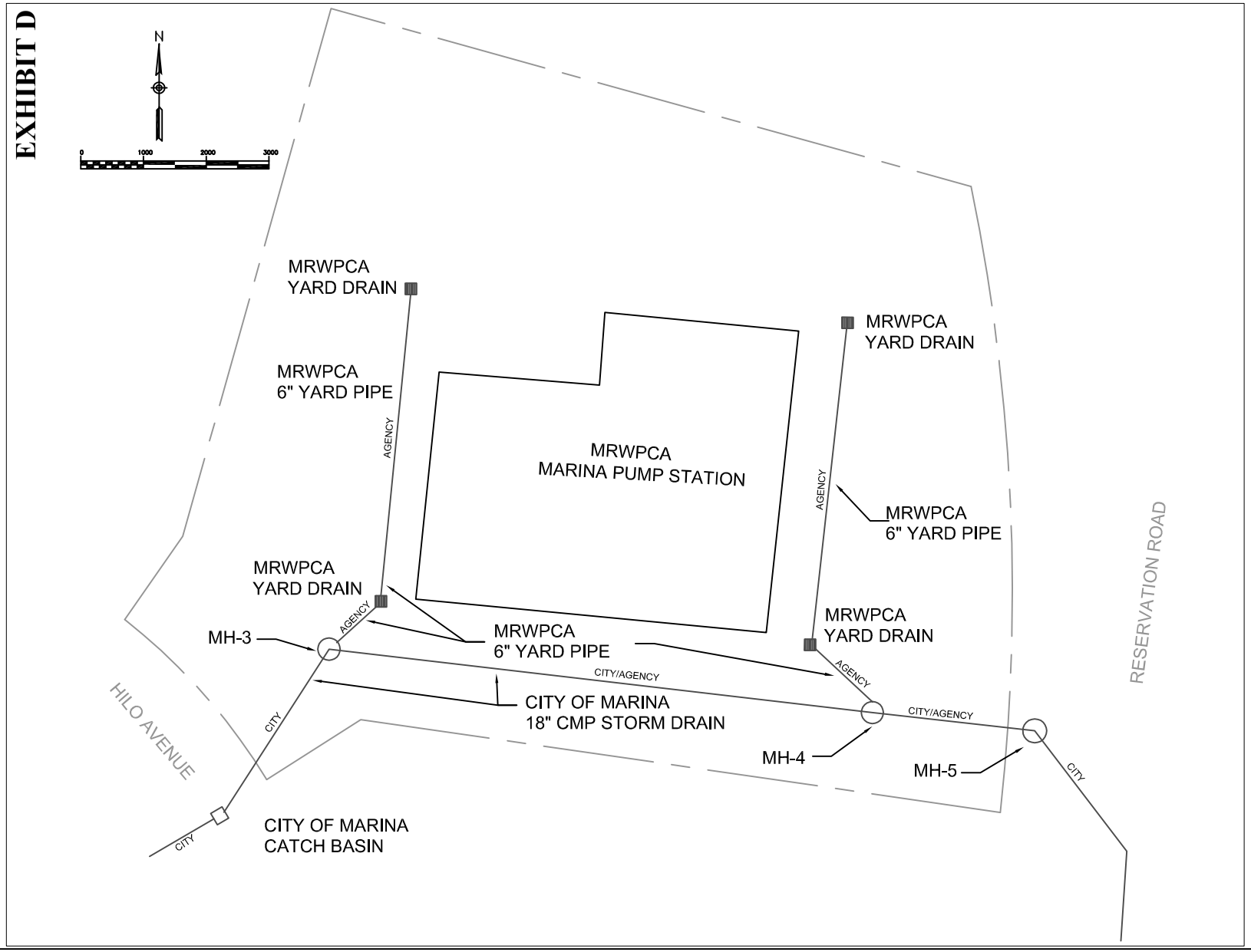
LANDSCAPE PLANTING PLAN

SCALE 1" = 10'

DRAWING NUMBER G102

SHEET NUMBER


DI
RIM = 14.81'
16"INV. = 11.61'
(N) CONNECTION TO (E) MANHOLE
DI
RIM = 14.06'
12"INV. = 9.76'
SDMH
RIM = 15.42'
BASE = 7.62'
18"INV. = 10.42'
24"INV. = 9.82'
10"INV. = 9.22'
SDMH
RIM = 15.98'
14"INV. IN = 11.34'
14"INV. OUT = 11.28'
(N) 18" PERF. HDPE PIPE, 165 LF
(N) 5' x 3' Trench w/ 3/4" Drain Rock
(N) CONNECTION TO (E) MANHOLE
SDMH
RIM = 16.22'
BASE = 11.44'
10"INV. IN = 12.36'
4-6"INV. OUT = 12.95'
CB
RIM = 14.59'
4-6"INV. IN = 12.93'
2-10"INV. OUT = 12.89'
RESERVATION ROAD
CB
RIM = 14.86'
18"INV. IN = 9.16'
24"INV. OUT = 9.16'
SDMH
RIM = 16.51'
18"INV. IN = 12.74'
2-10"INV. OUT = 12.68'
CB
RIM = 15.70'
24"INV. IN = 13.08'
24"INV. OUT = 13.08'
LEGEND:
CB . . . . . CATCH BASIN
DI . . . . . DROP INLET
INV . . . . . INVERT
EXHIBIT C
ALTERNATIVE DRAINAGE SYSTEM
N
SCALE: 1" = 30'
LICENSED LAND SURVEYOR
STEVEN C. WILSON
5207
STATE OF CALIFORNIA
8/3/2015
NOTES:
1. ALL LINE WORK SHOWN IS FROM CITY OF MARINA RESERVATION ROAD IMPROVEMENT PLANS.
2. AS BUILT FIELD SURVEY INFORMATION PROVIDED FOR ONLY PROPOSED AND EXISTING STORM DRAIN LINE AS SHOWN.
3. SOME DRAIN PIPES WERE MEASURED WITH THE SURVEY INSTRUMENT AND OTHERS WERE MEASURED WITH A TAPE MEASURE WHEN NECESSARY. PIPE SIZES ARE APPROXIMATE.
PLANIMETRIC SURVEY
OF
A PORTION OF
RESERVATION ROAD
CITY OF MARINA
COUNTY OF MONTEREY
STATE OF CALIFORNIA
PREPARED FOR
CITY OF MARINA
BY
MONTEREY BAY ENGINEERS, INC.
607 CHARLES AVE SUITE B SEASIDE, CALIFORNIA 93955
PHONE: 899-7899
SCALE
1" = 30'
JOB No.
15-095
DATE
AUGUST 2015



Monterey Regional
Water Pollution
Control Agency
5 Harris Court, Bldg. D
Monterey, CA. 93940

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XREF NAME	DATE ATTACHED

PROJECT NAME

PROJECT NUMBER

FILE NAME
Marina PS Exhibit.dwg

REVISIONS

REV # / INITIALS	DATE
/	

SHEET TITLE
Marina Pump Station
Storm Drain Agreement

DATE	3/2016
SCALE	NTS
DRAWN BY	JAG
DRAWING NUMBER	

EXHIBIT D - PORTION OF ALTERNATIVE DRAINAGE SYSTEM ON AGENCY PROPERTY

June 14, 2016 Item No. **8g(2)**

Honorable Mayor and Members
of the Marina City Council

City Council Meeting of
June 21, 2016

CITY COUNCIL CONSIDER ADOPTING RESOLUTION NO. 2016, AUTHORIZING THE MAYOR TO EXECUTE AN AMENDMENT TO THE PROPERTY TRANSFER AND HYDRANT MAINTENANCE AGREEMENT ON BEHALF OF THE CITY OF MARINA SUBJECT TO FINAL REVIEW BY THE CITY ATTORNEY

RECOMMENDATION:
It is recommended that the City Council:

1. Consider adopting Resolution No. 2016-, authorizing the Mayor to execute an Amendment to the Property Transfer and Hydrant Maintenance Agreement on behalf of the City of Marina subject to final review by the City Attorney.

BACKGROUND:
On July 14, 1992, the City of Marina entered into an Agreement with the Marina Coast Water District (MCWD) and the Monterey Regional Water Pollution Control Agency (MRWPCA). The Agreement provided for the transfer of property ownership for the Percolation Lot identified as 180 Reservation Road to the MRWPCA for the construction of a new sewer pump station. It also included MCWD's maintenance responsibilities for all public fire hydrants within the City.

The Agreement also recognized that the property to be transferred is a working percolation basin and a new drainage system would be installed by the MRWPCA to divert the basin drainage to Locke Paddon Park. The design and construction of the storm water diversion system (i.e., the "Existing Drainage System" in the proposed Amendment) was included in the 1992 design plans for the Pump Station constructed on the percolation lot. MCWD was responsible for maintenance of the Existing Drainage System. The Agreement further provided for the subsequent construction of an alternate system (i.e., the "Alternative Drainage System" in the proposed Amendment) to the Existing Drainage System to be constructed in the future to eliminate the diversion of flows into Locke Paddon Park.

ANALYSIS:
The Reservation Road roundabout construction project included improvements to the drainage system on Reservation Road from Del Monte to north of Seaside Circle. The project presented an opportunity to replace the Existing Drainage System with the Alternative Drainage System. The Alternative Drainage System serves Hilo Avenue, Kailua Circle, Ninole Drive as well as the MRWPCA pump station. The Alternative Drainage System installed a new percolation system that filters and catches debris before infiltration. . The cost of the Alternative Drainage System is to be equally divided between the City, MCWD and MRWPCA. The proposed Amendment sets forth the maintenance responsibilities for the Alternative Drainage System in respects to the City's property and MRWPCA's property. MCWD will no longer have any maintenance responsibilities for the Existing or Alternative Drainage Systems.

FISCAL IMPACT:
Should the Council approve this request, the City is to receive $9,516.67 from MCWD for the District's proportionate costs of the Alternative Drainage System per the agreement.

CONCLUSION:
This request is submitted for City Council consideration and possible action.

Respectfully submitted,

_____
Edrie Delos Santos, P.E.
Senior Engineer, Engineering Division
Community Development Department
City of Marina

REVIEWED/CONCUR:

_____
Nourdin Khayata, P.E.
Acting City Engineer
City of Marina

_____
Layne P. Long
City Manager
City of Marina